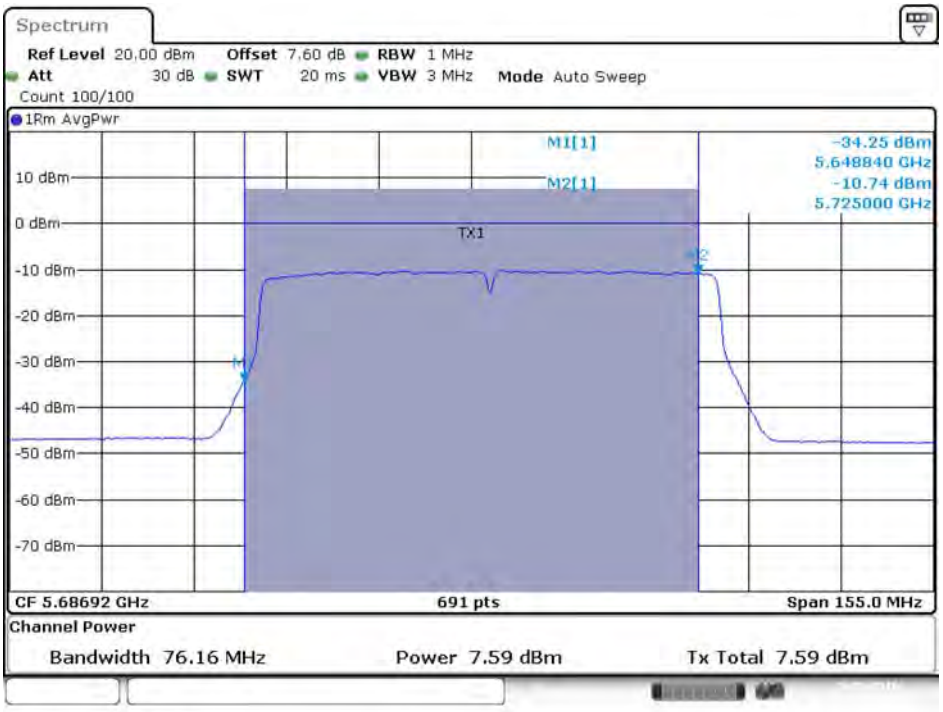
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)

Date: 22.JUN.2016 00:44:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)

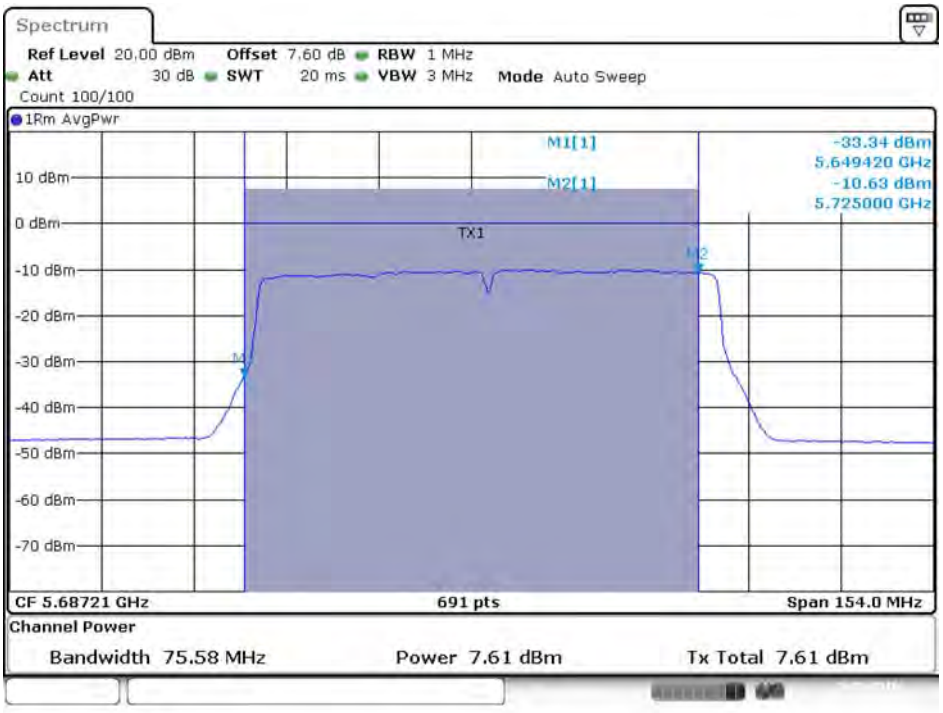
Date: 22.JUN.2016 00:39:53

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



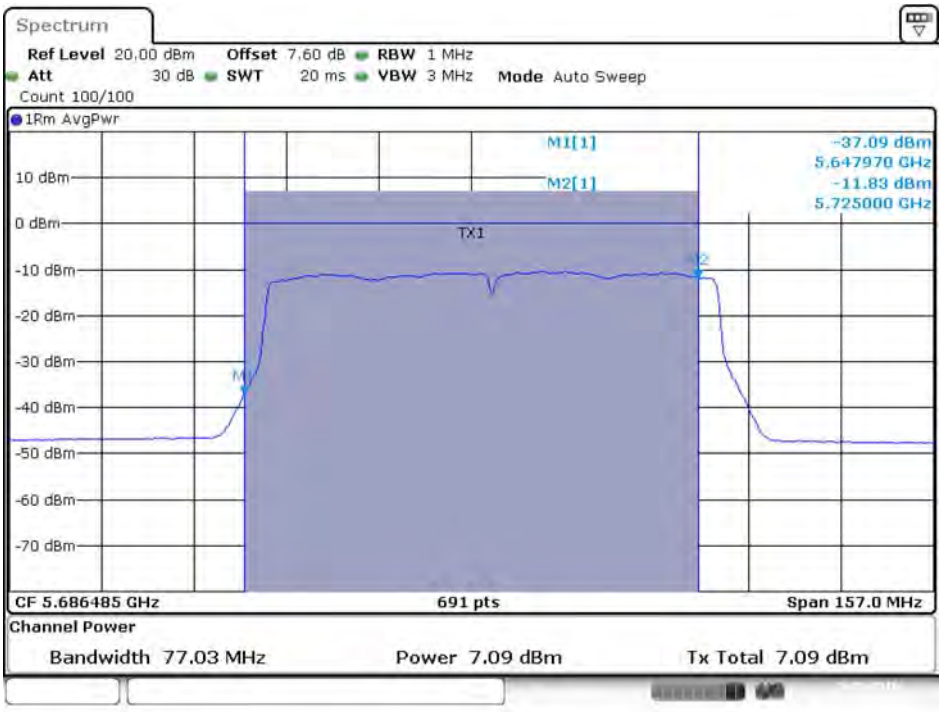
Date: 22.JUN.2016 01:58:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



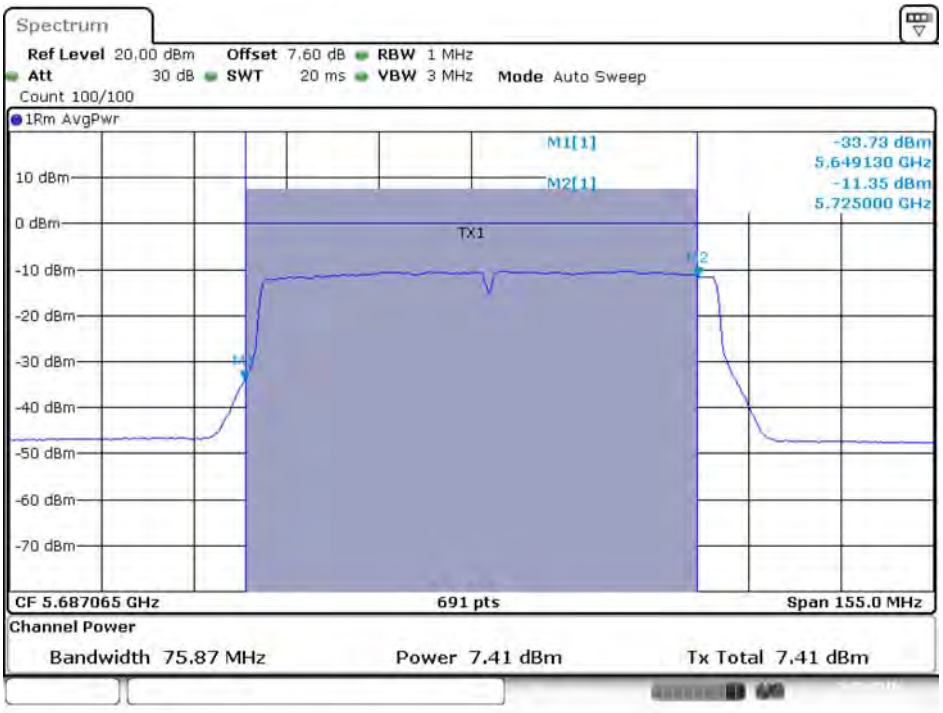
Date: 22.JUN.2016 02:00:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



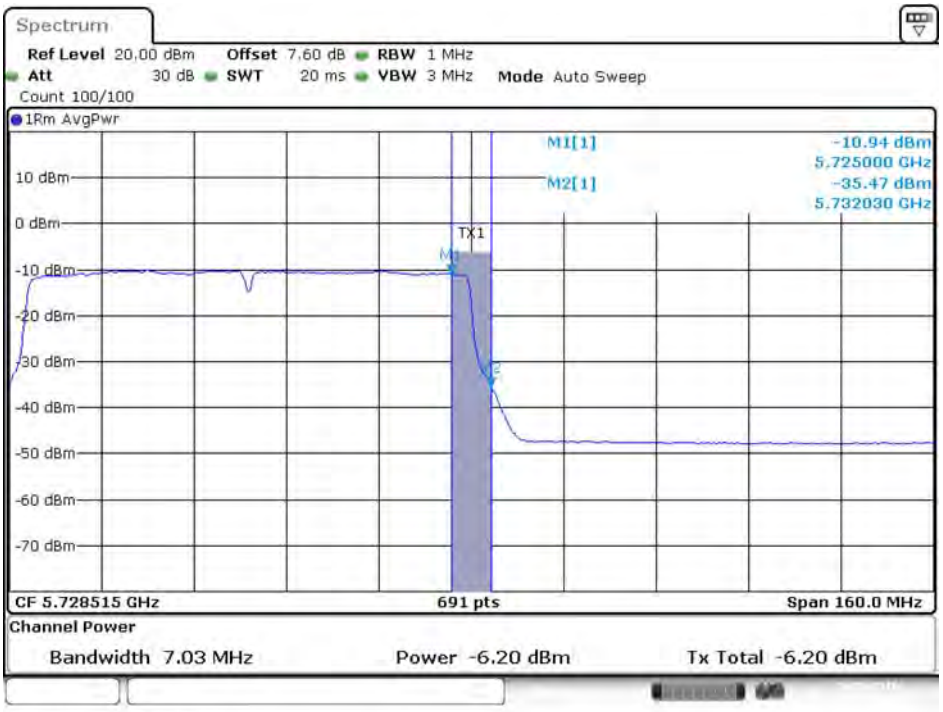
Date: 22.JUN.2016 01:55:14

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



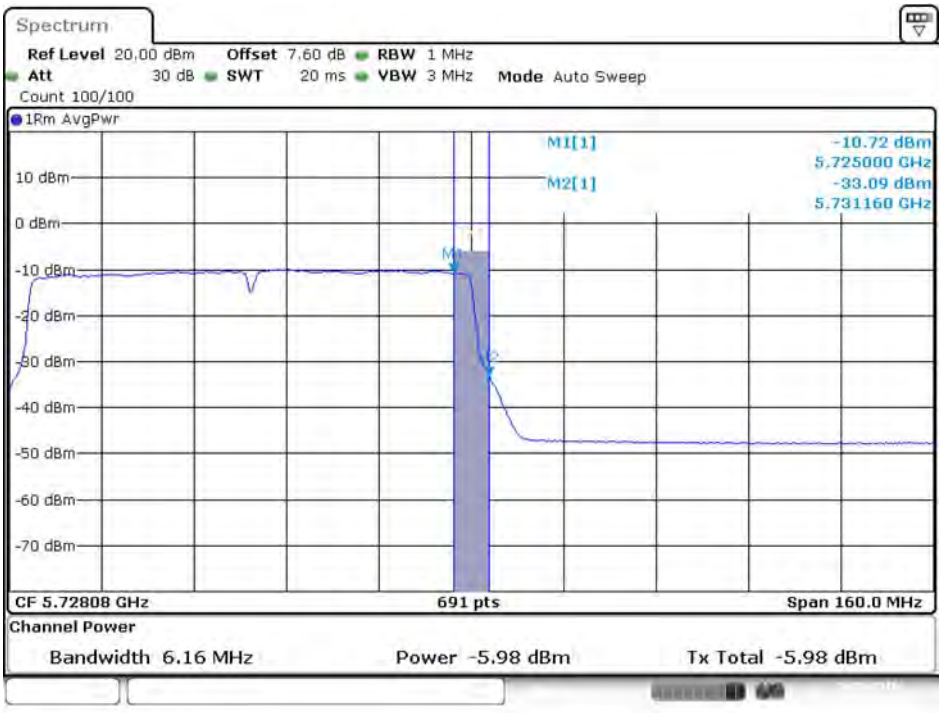
Date: 22.JUN.2016 02:04:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



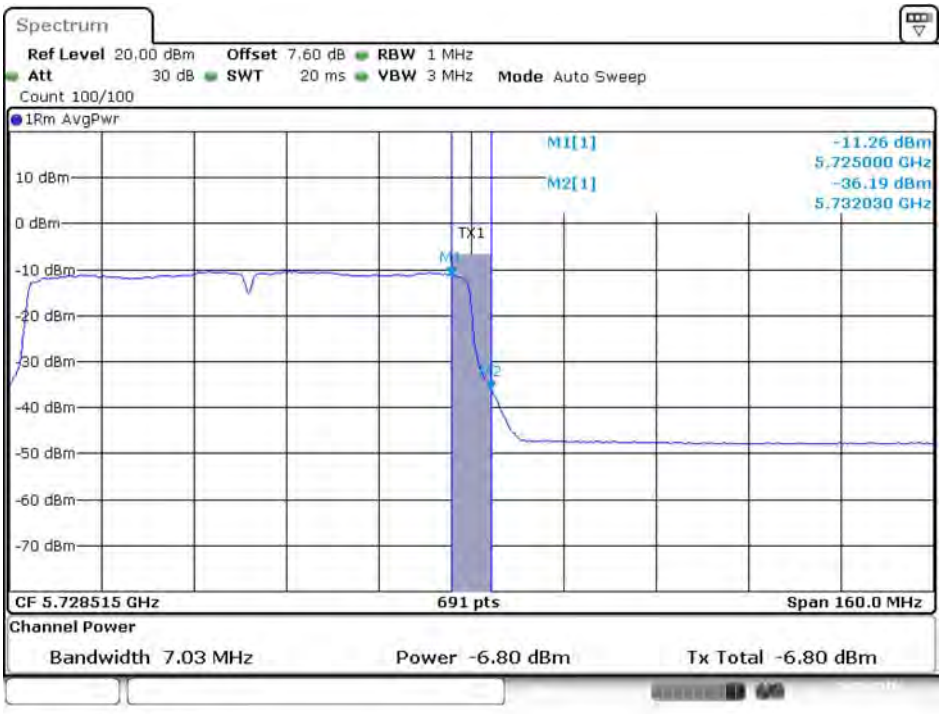
Date: 22.JUN.2016 01:58:09

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



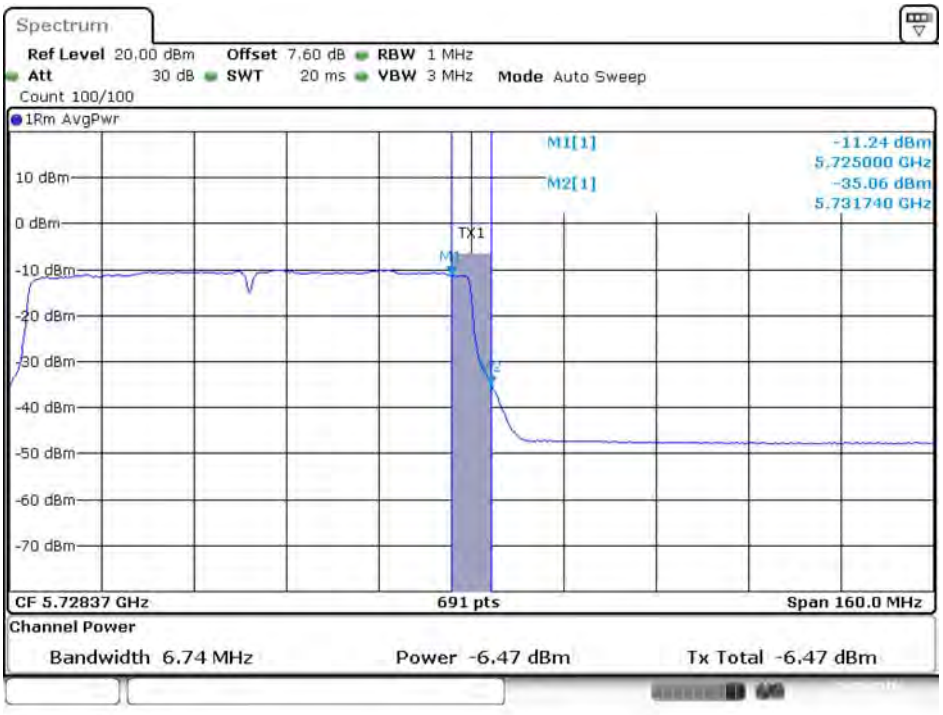
Date: 22.JUN.2016 02:00:51

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



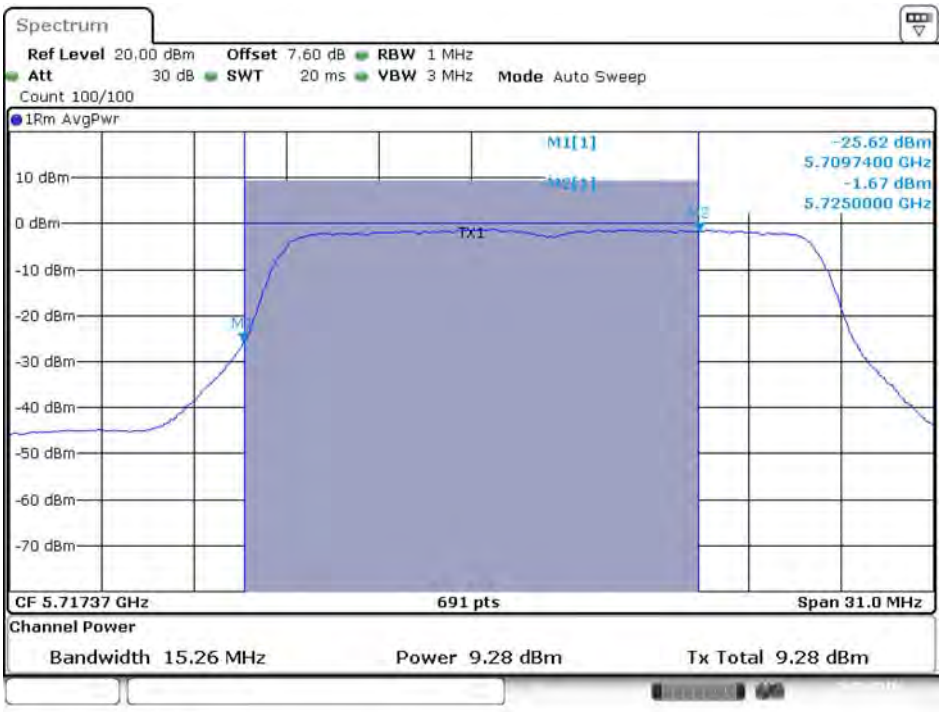
Date: 22.JUN.2016 01:55:17

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



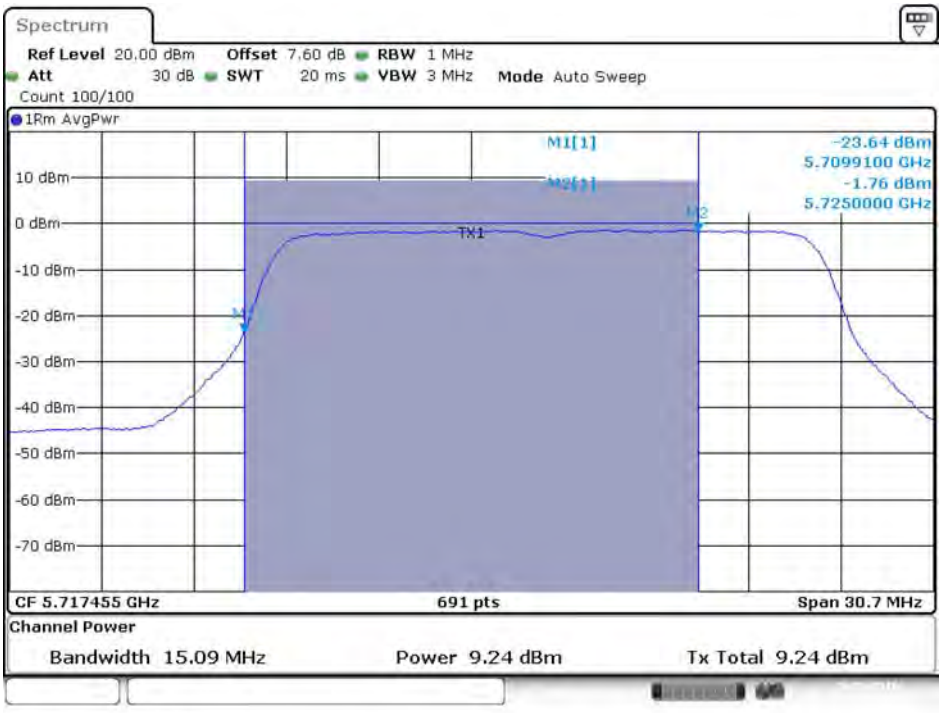
Date: 22.JUN.2016 02:04:12

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



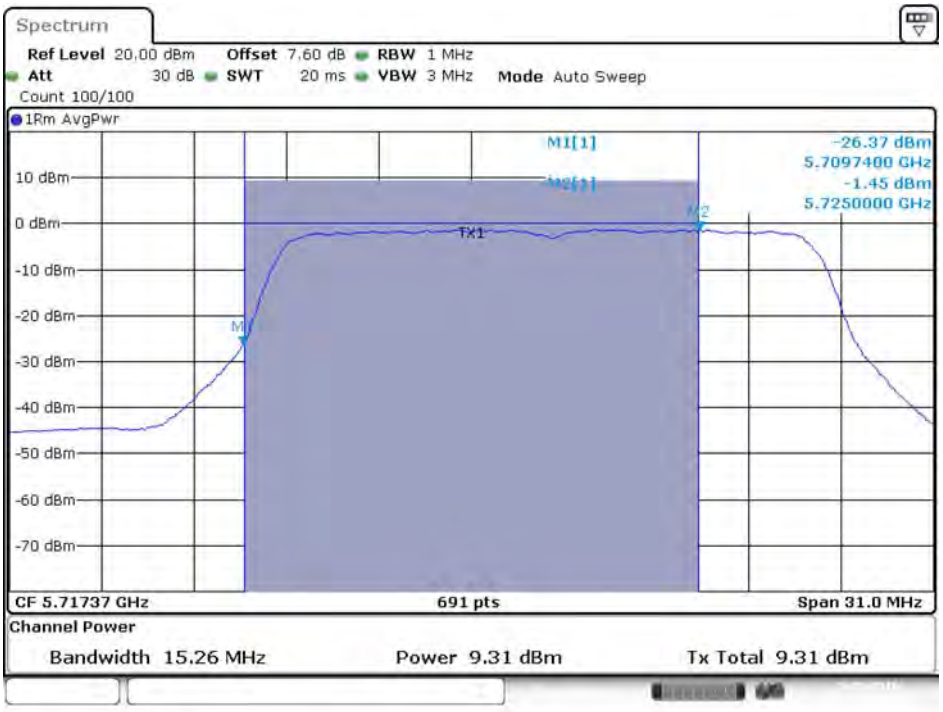
Date: 22.JUN.2016 03:08:00

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



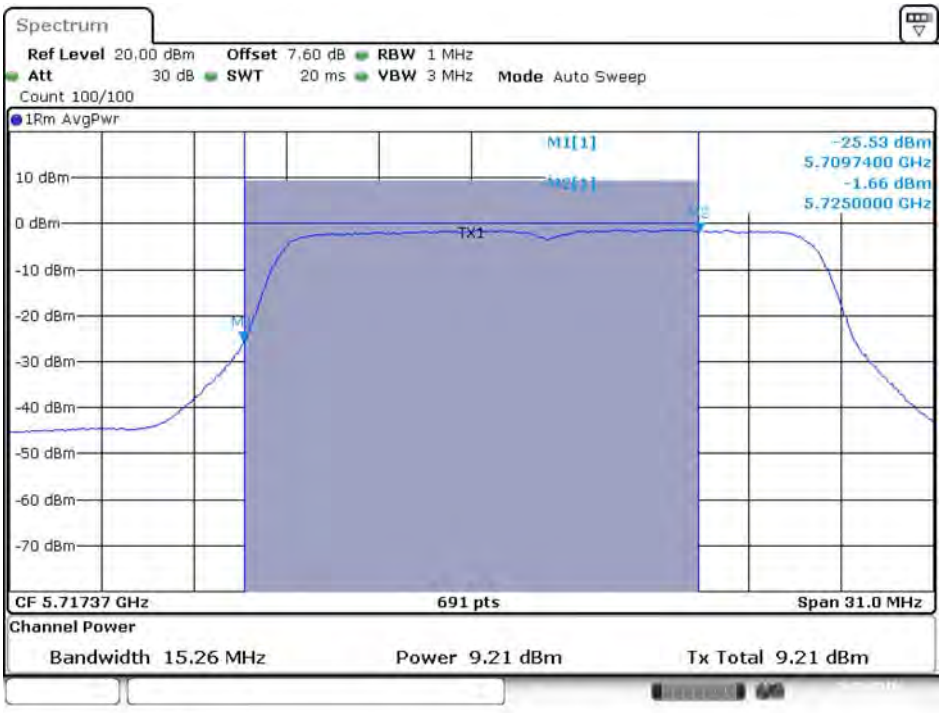
Date: 22.JUN.2016 03:11:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 22.JUN.2016 03:14:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Date: 22.JUN.2016 03:19:41

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:08:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 2 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:11:10

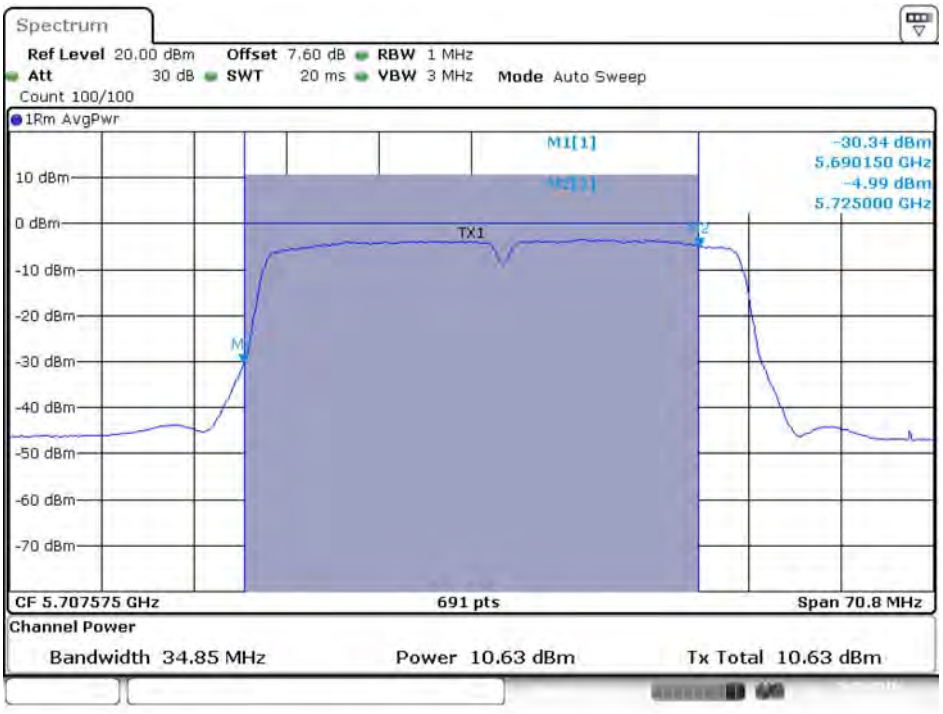
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 3 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:14:24

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 4 / 5720 MHz (UNII 3)

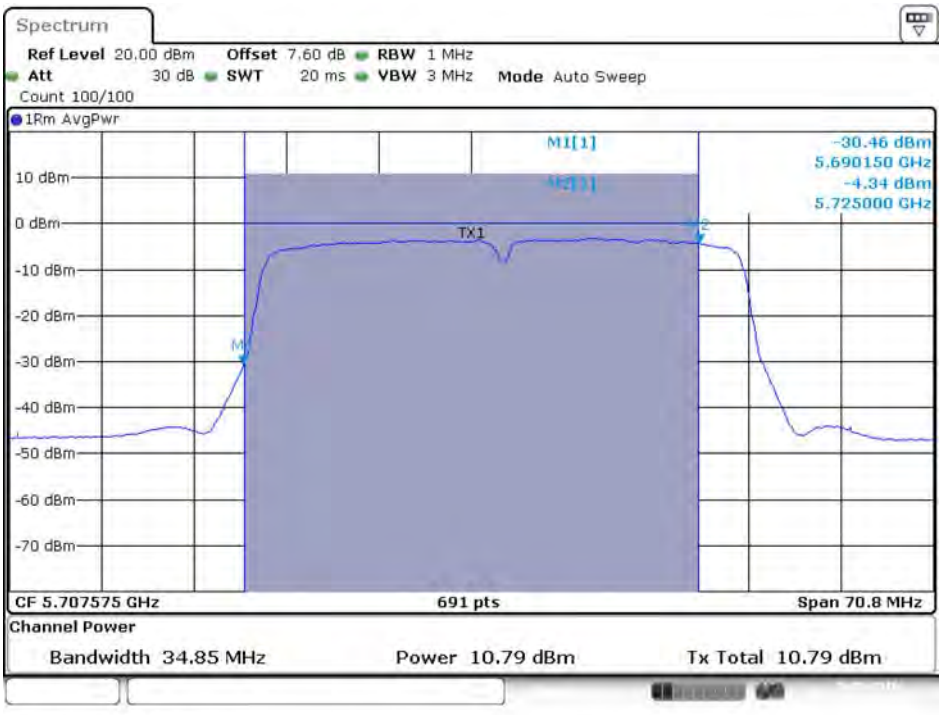
Date: 22.JUN.2016 03:19:44

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



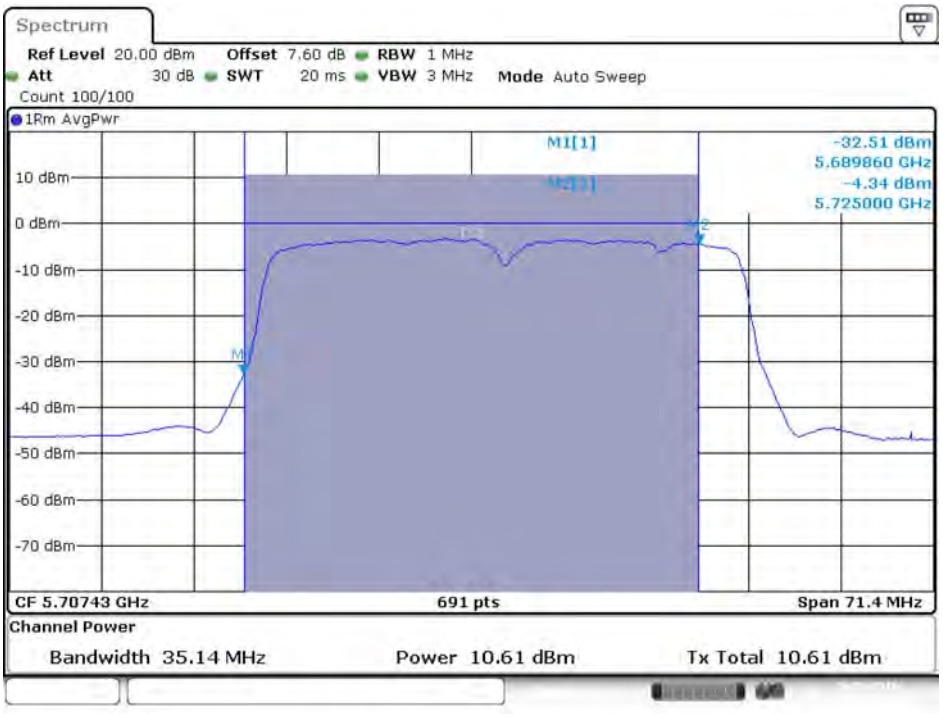
Date: 22.JUN.2016 04:18:33

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



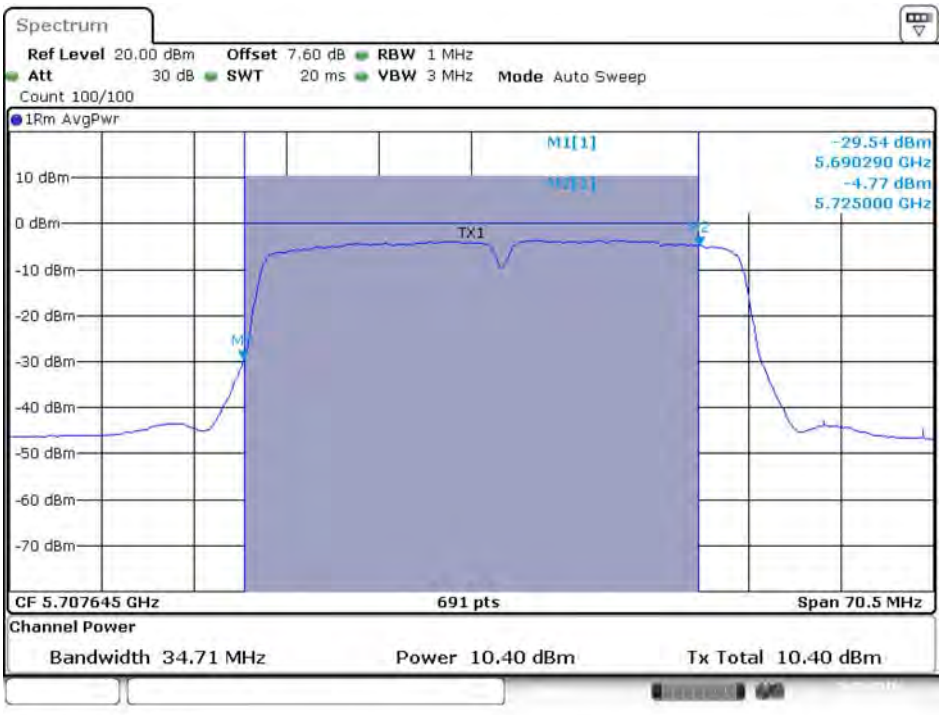
Date: 22.JUN.2016 04:21:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



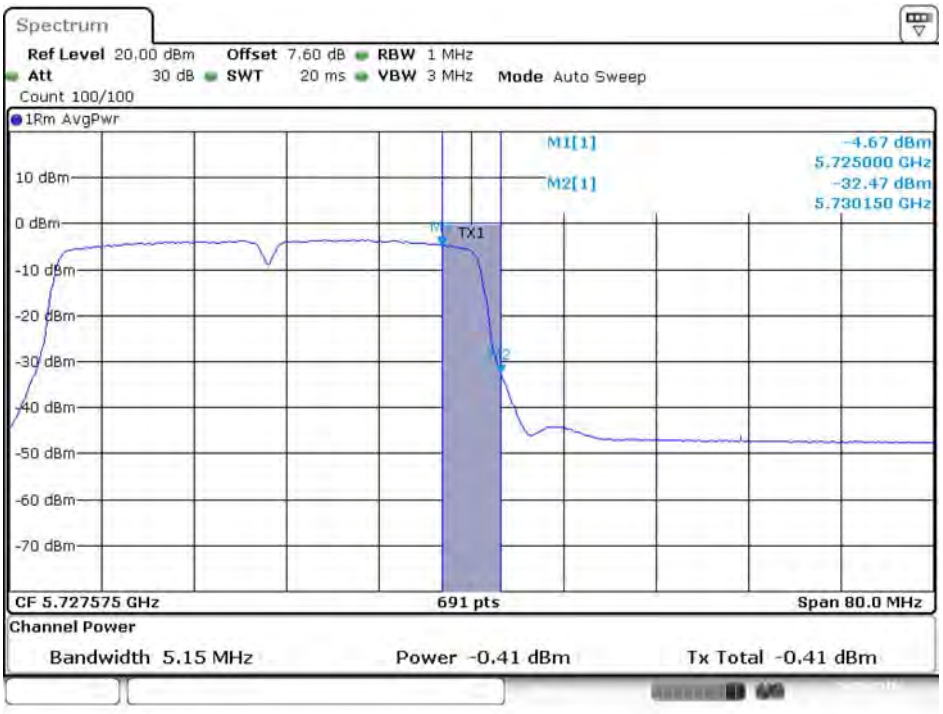
Date: 22.JUN.2016 04:24:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



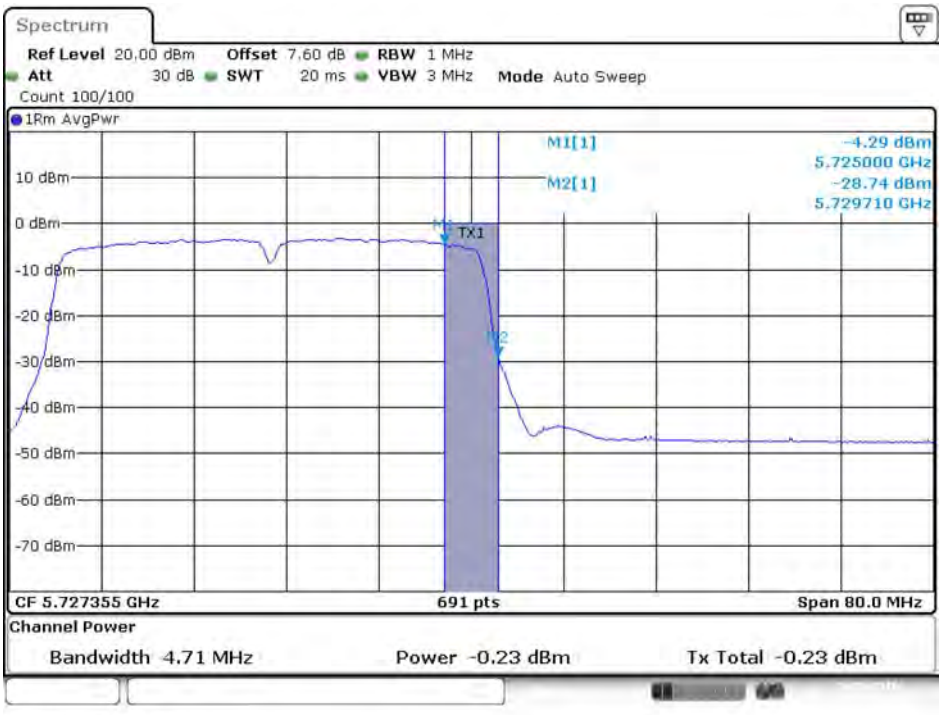
Date: 22.JUN.2016 04:27:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 / 5710 MHz (UNII 3)



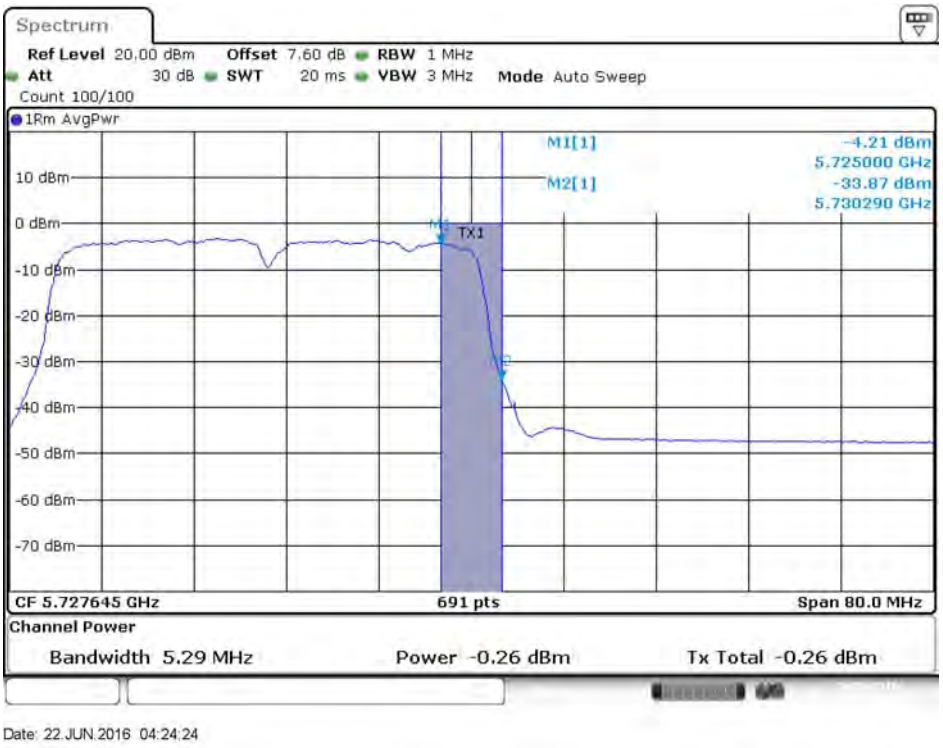
Date: 22.JUN.2016 04:18:36

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 2 / 5710 MHz (UNII 3)

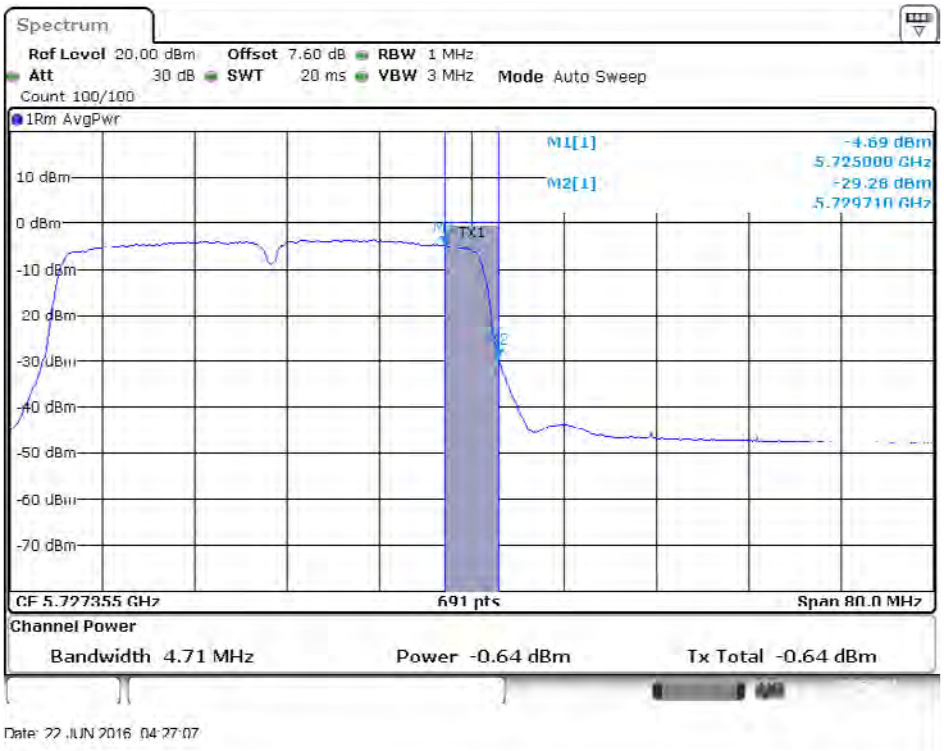


Date: 22.JUN.2016 04:21:11

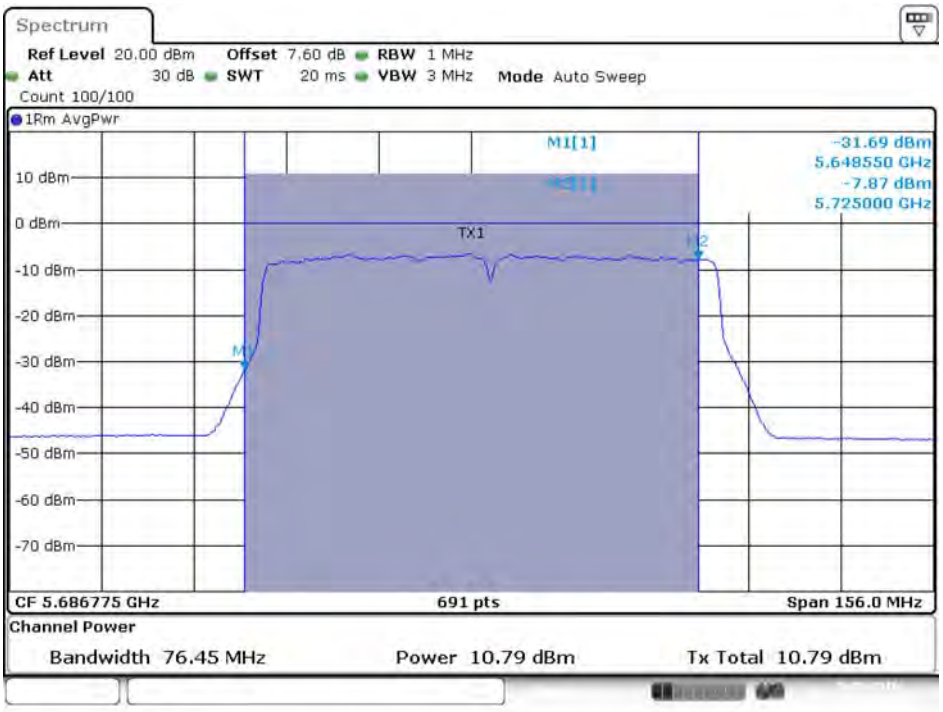
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 3 / 5710 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 4 / 5710 MHz (UNII 3)

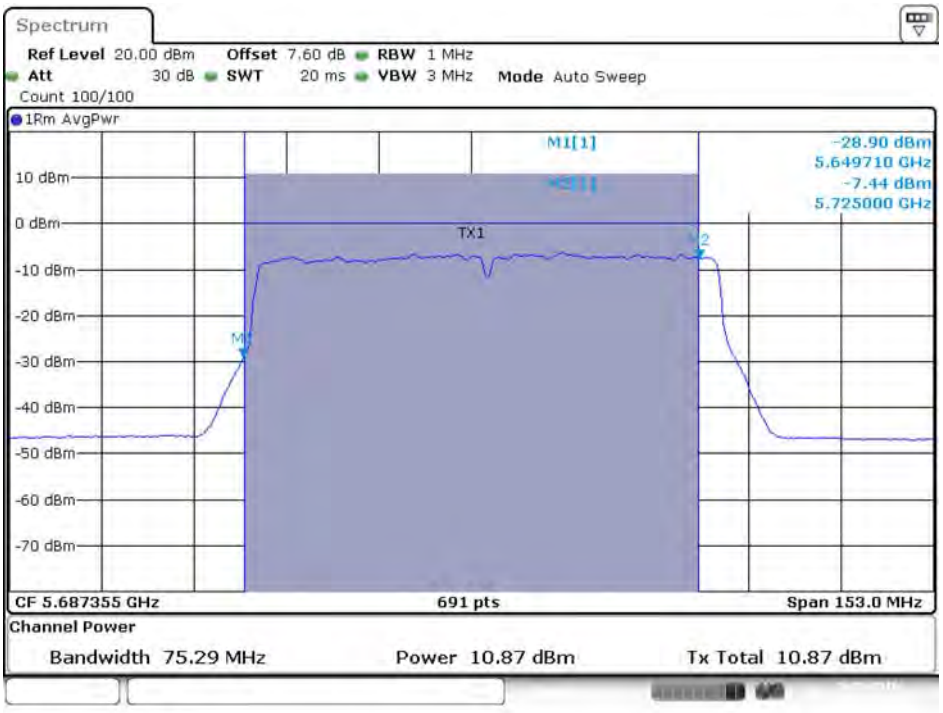


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



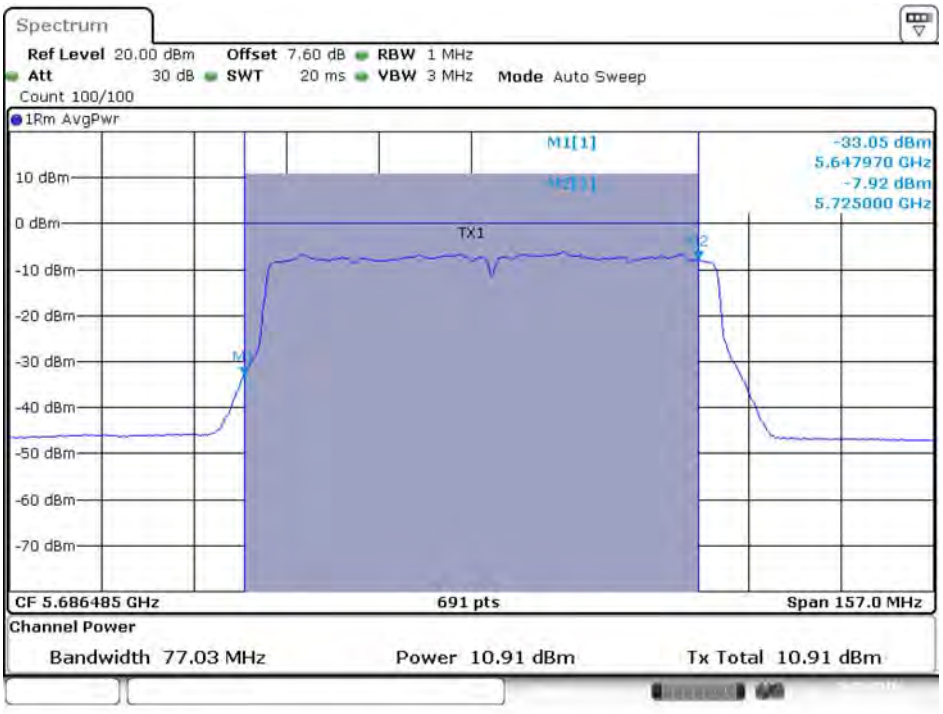
Date: 22.JUN.2016 06:02:07

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



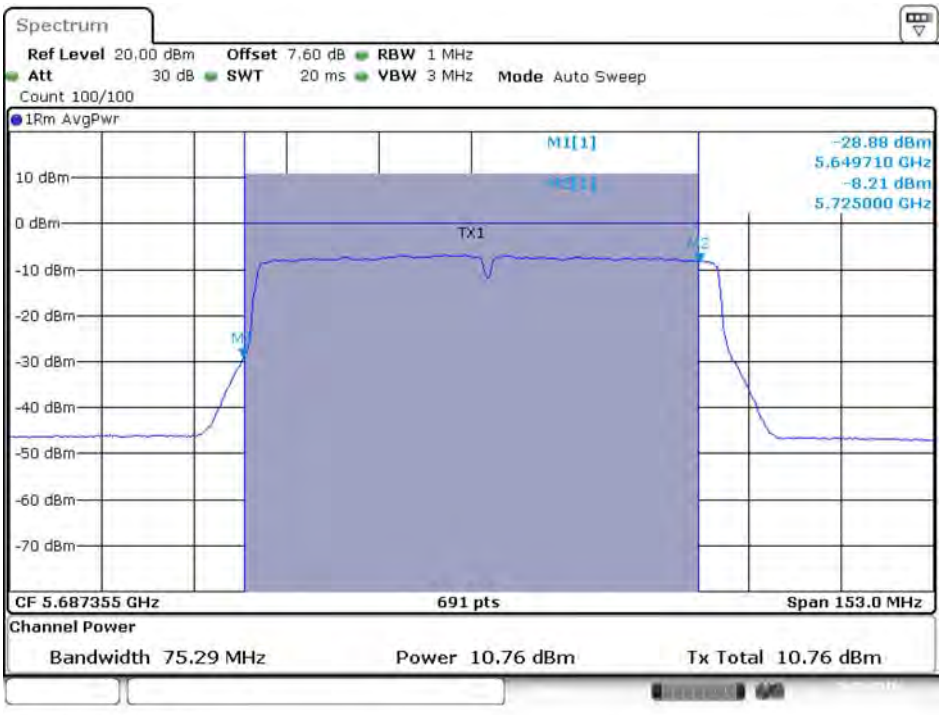
Date: 22.JUN.2016 05:58:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



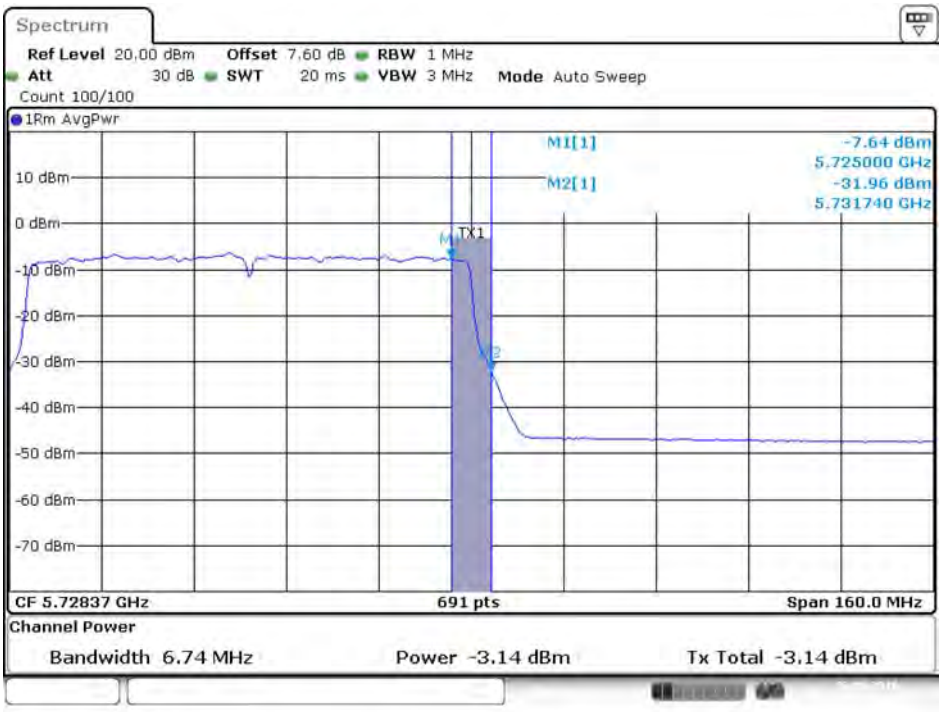
Date: 22.JUN.2016 05:55:47

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



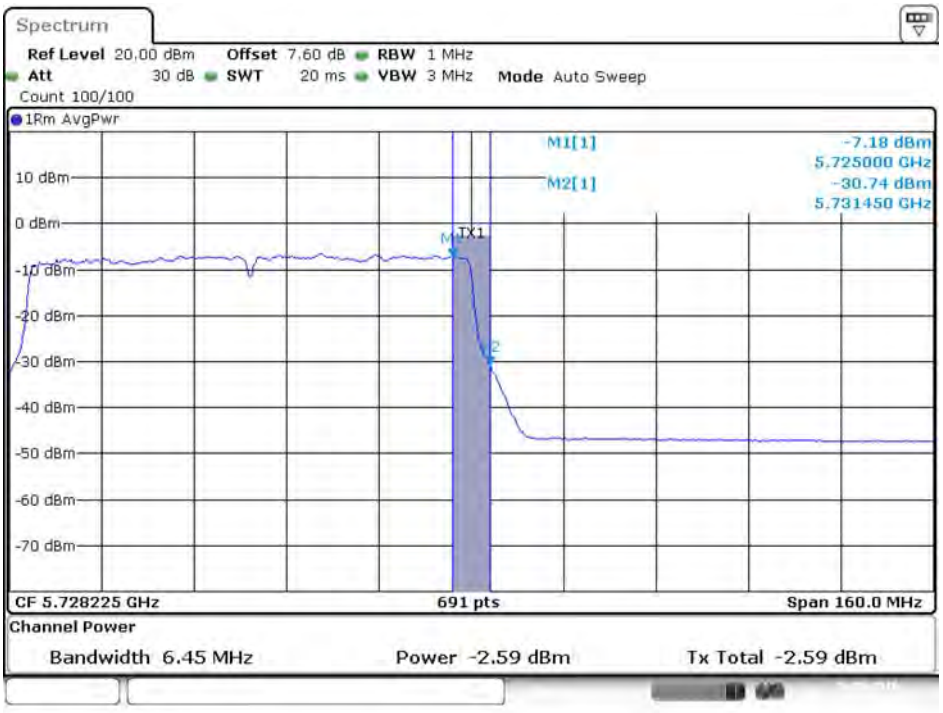
Date: 22.JUN.2016 05:49:59

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 / 5690 MHz (UNII 3)



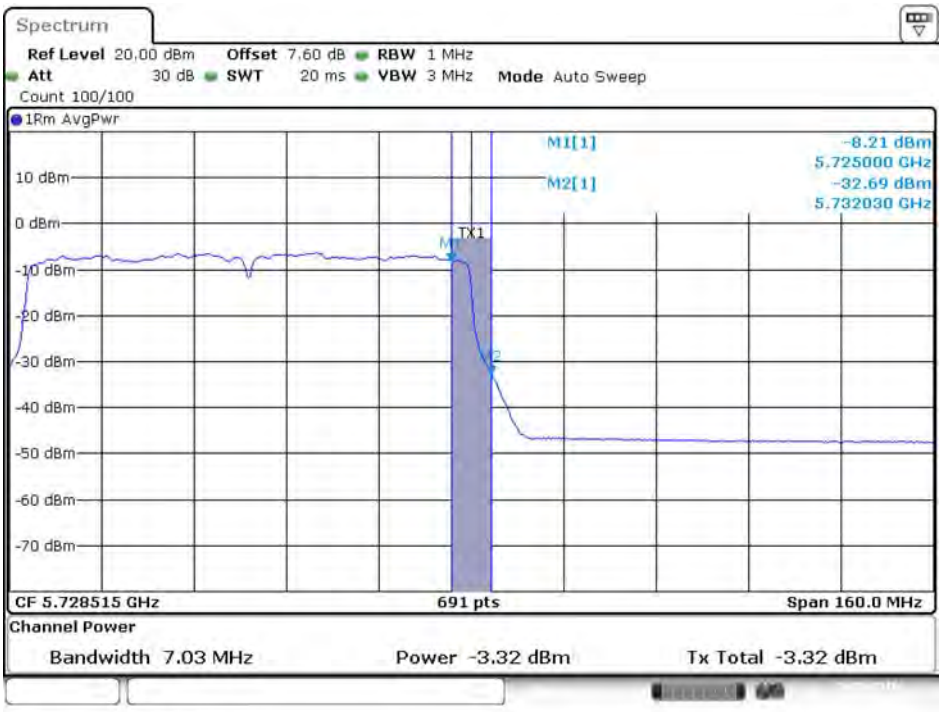
Date: 22.JUN.2016 06:02:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 2 / 5690 MHz (UNII 3)



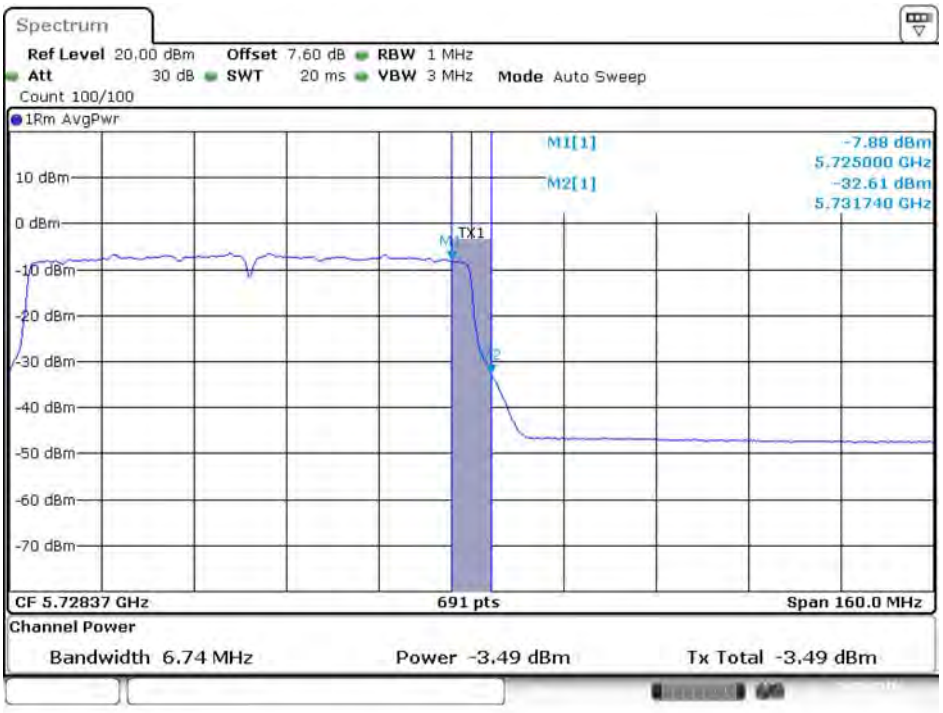
Date: 22.JUN.2016 05:58:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 3 / 5690 MHz (UNII 3)



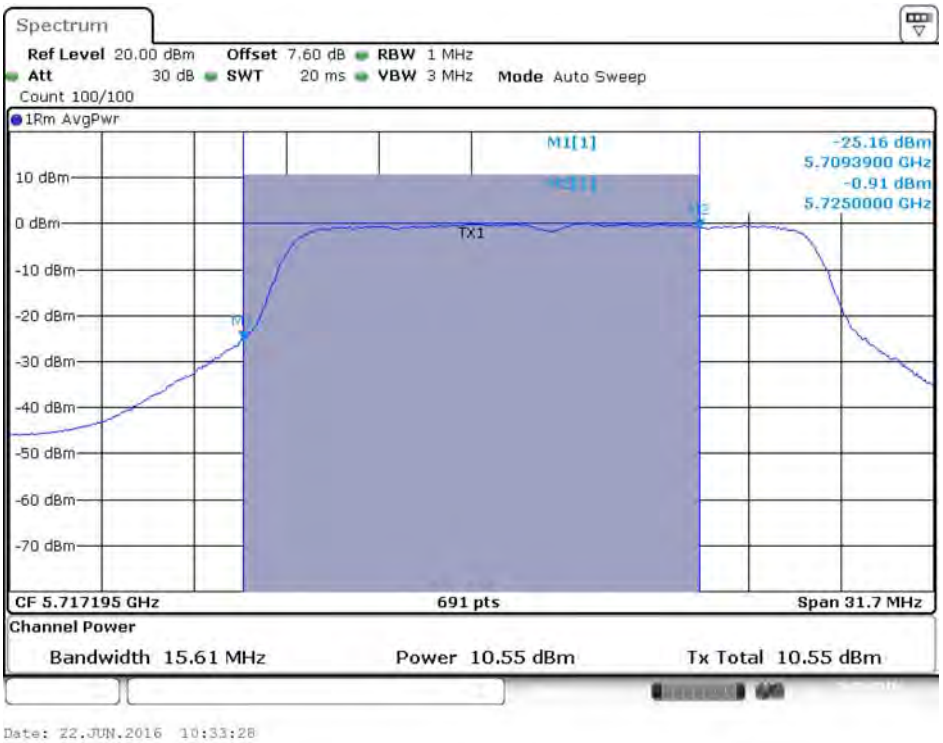
Date: 22.JUN.2016 05:55:50

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 4 / 5690 MHz (UNII 3)



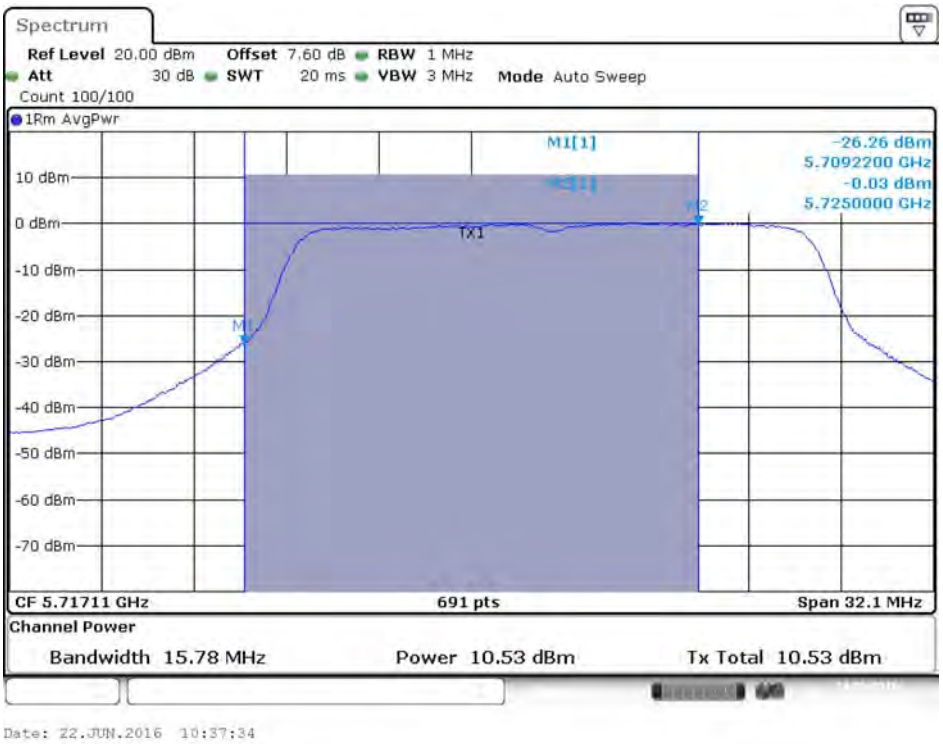
Date: 22.JUN.2016 05:50:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



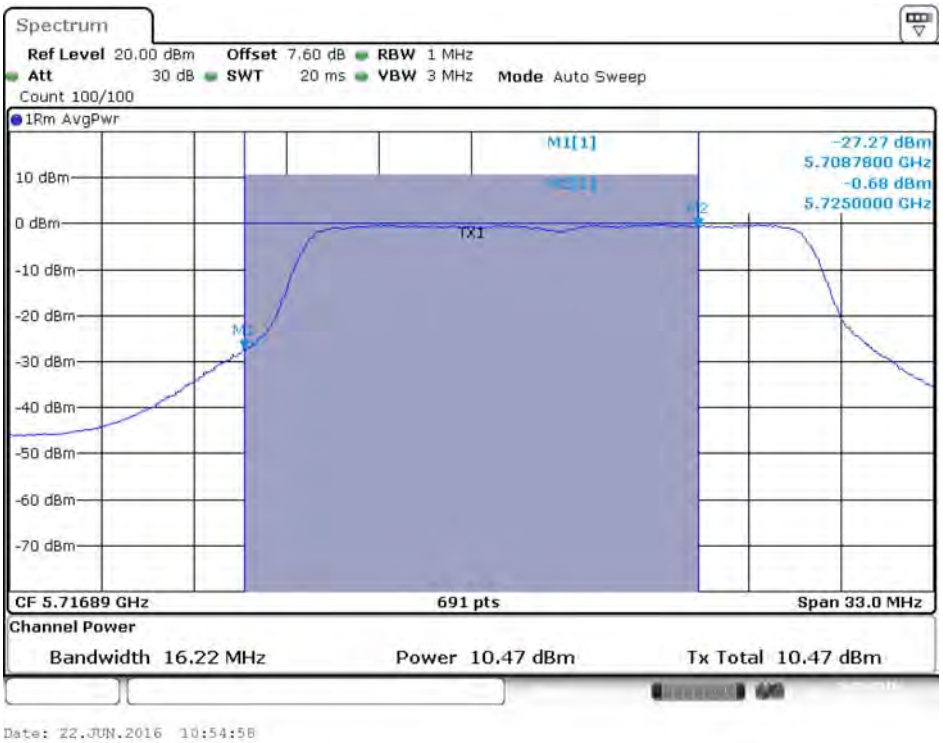
Date: 22.JUN.2016 10:33:28

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 2 / 5720 MHz (UNII 2C)

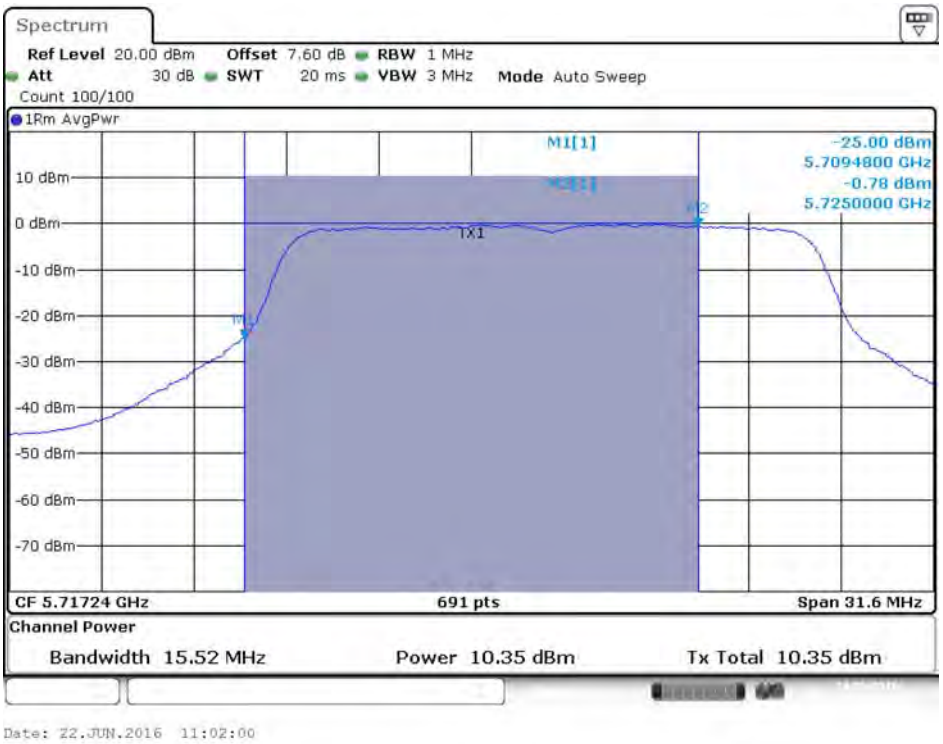


Date: 22.JUN.2016 10:37:34

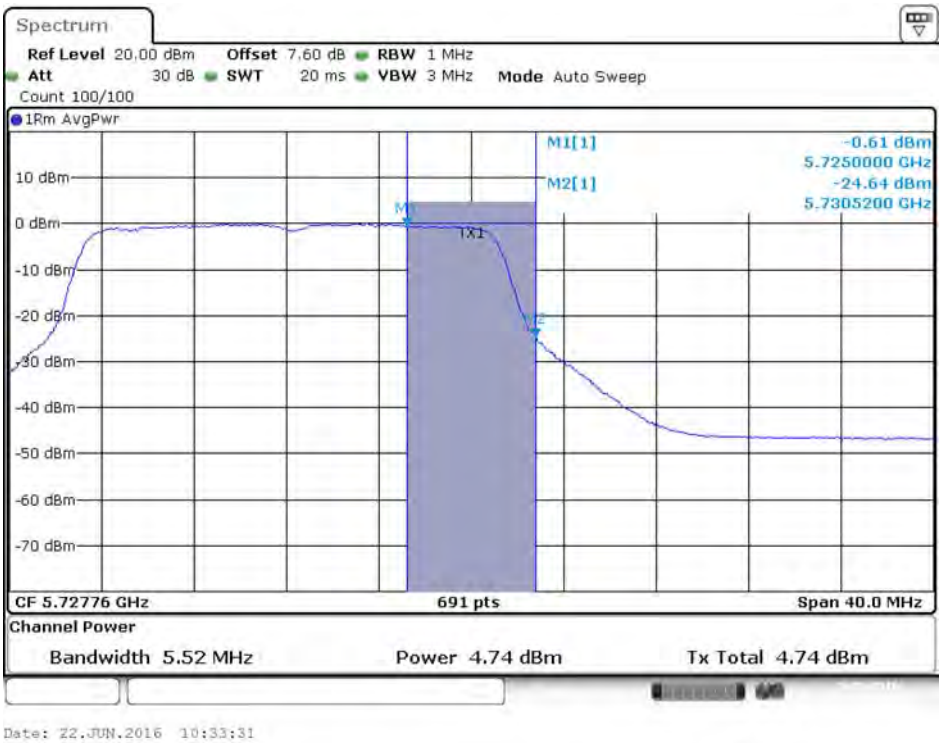
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



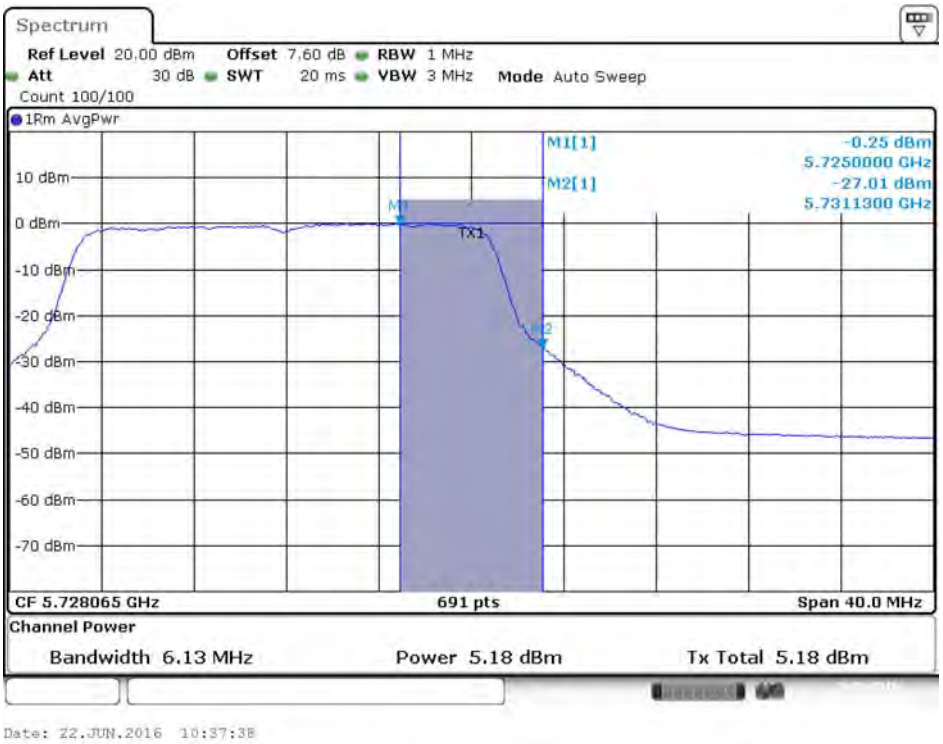
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 / 5720 MHz (UNII 3)

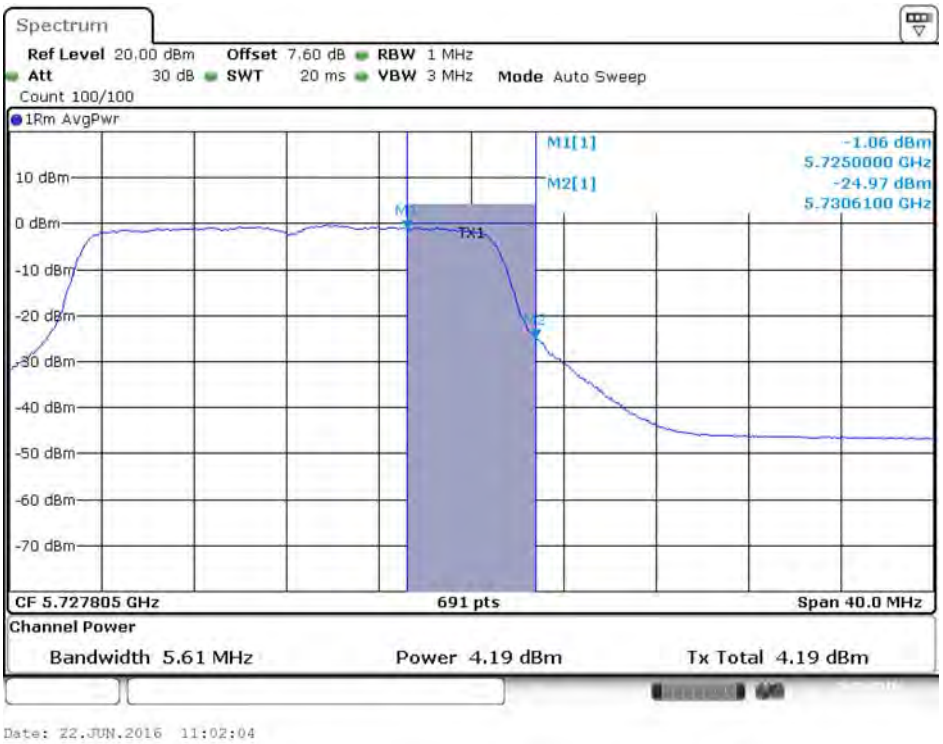


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 2 / 5720 MHz (UNII 3)

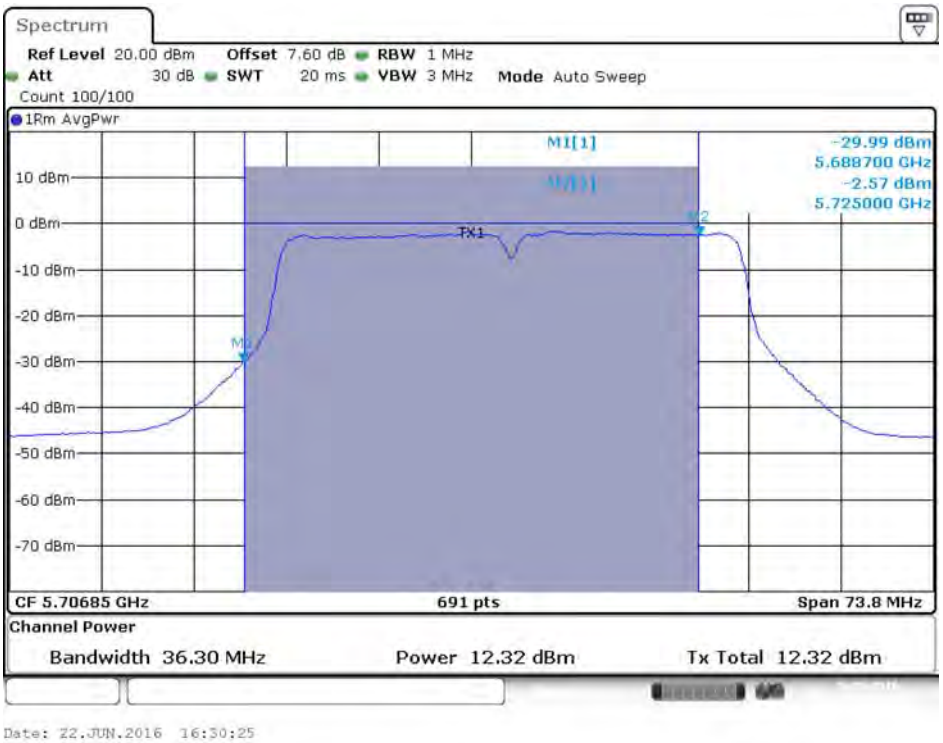


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 3 / 5720 MHz (UNII 3)

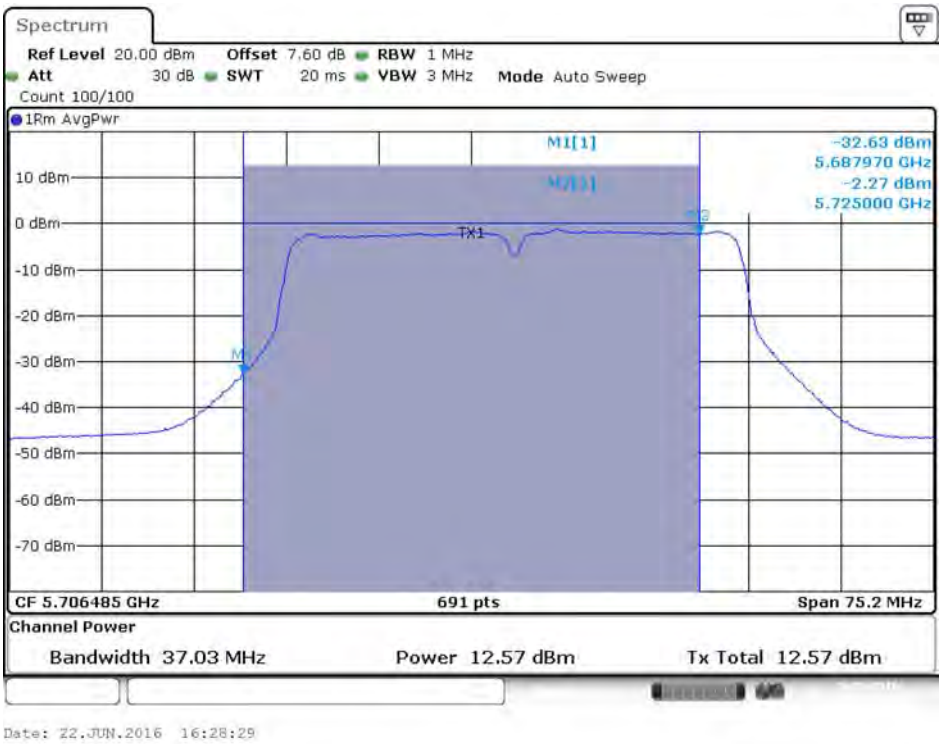
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 4 / 5720 MHz (UNII 3)



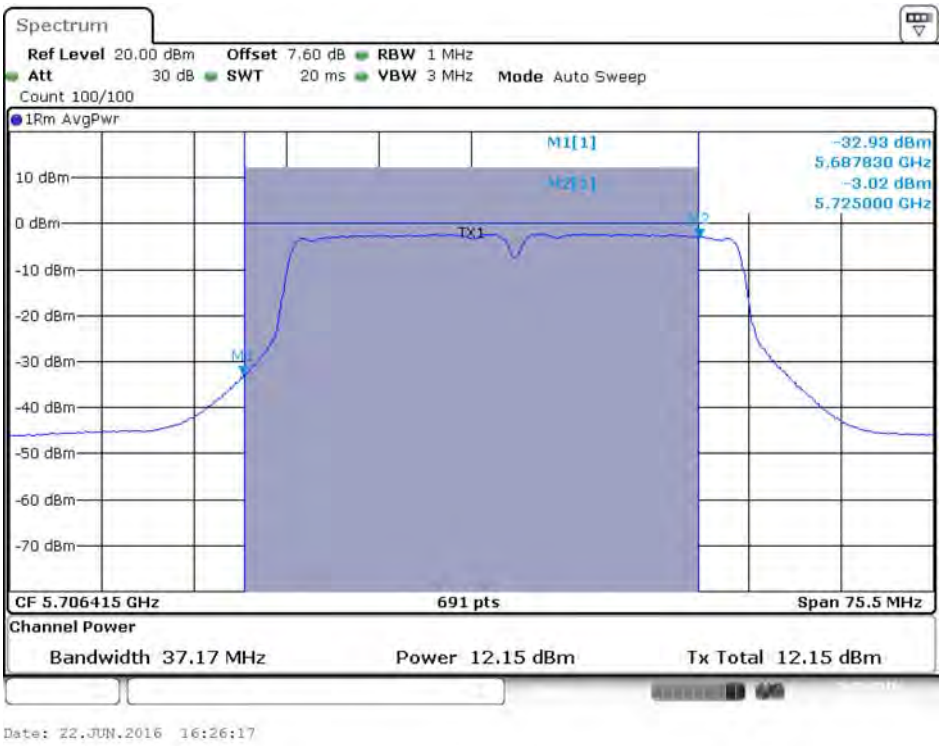
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 2 / 5710 MHz (UNII 2C)

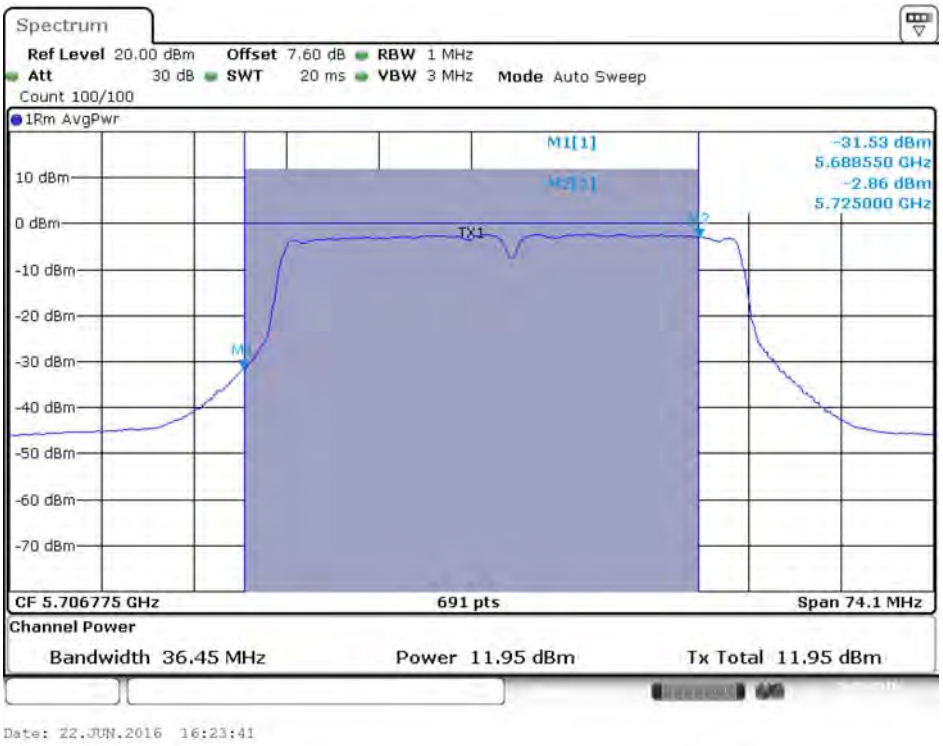


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



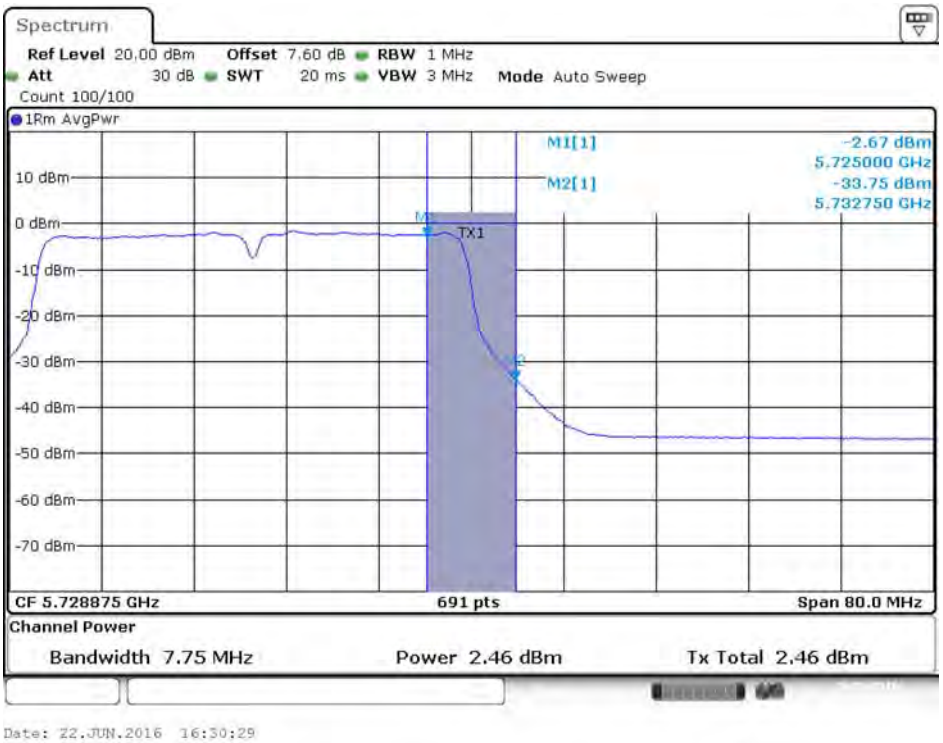
Date: 22.JUN.2016 16:26:17

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 4 / 5710 MHz (UNII 2C)

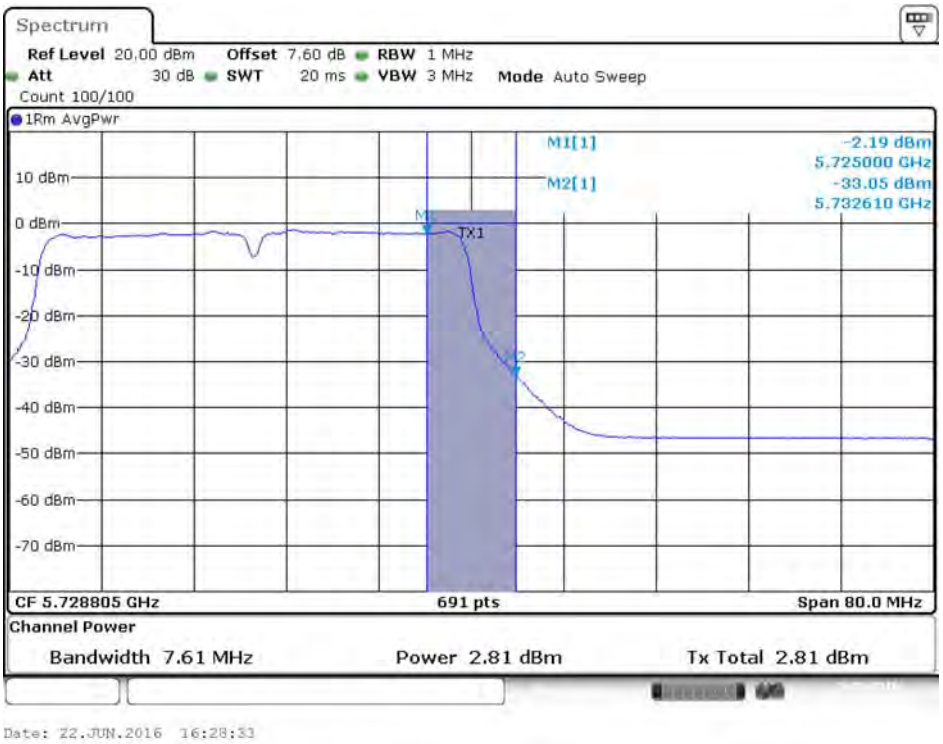


Date: 22.JUN.2016 16:23:41

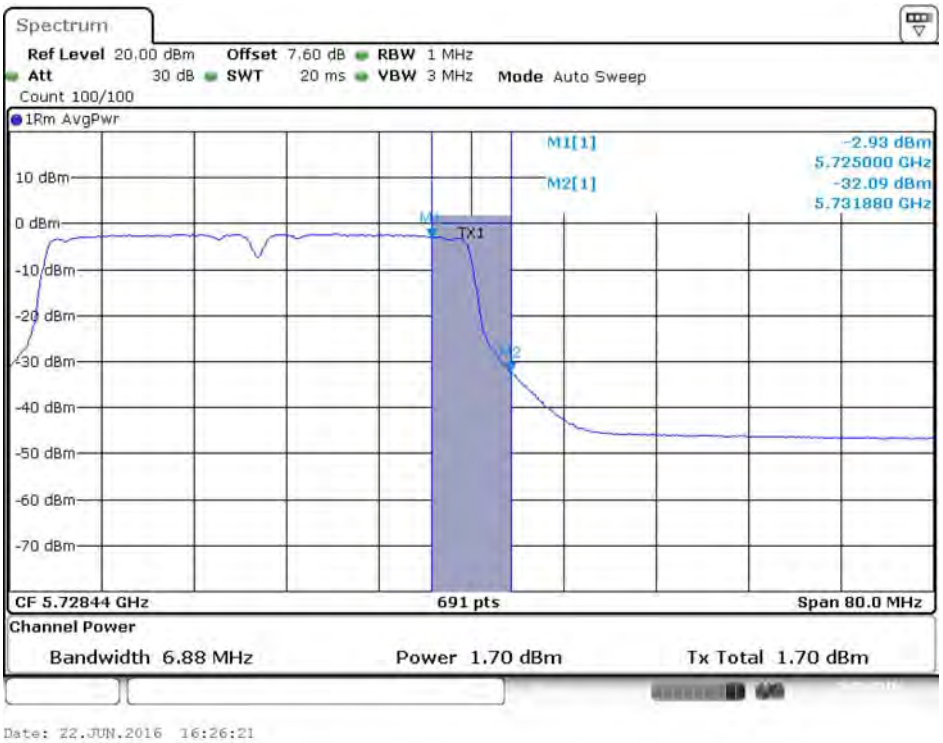
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 / 5710 MHz (UNII 3)



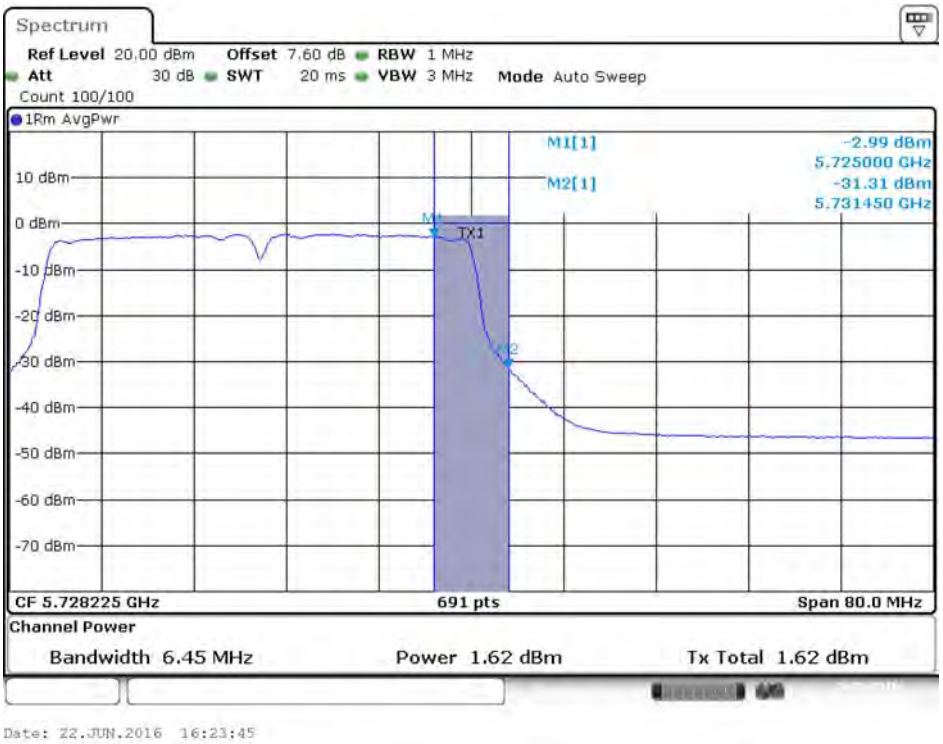
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 2 / 5710 MHz (UNII 3)



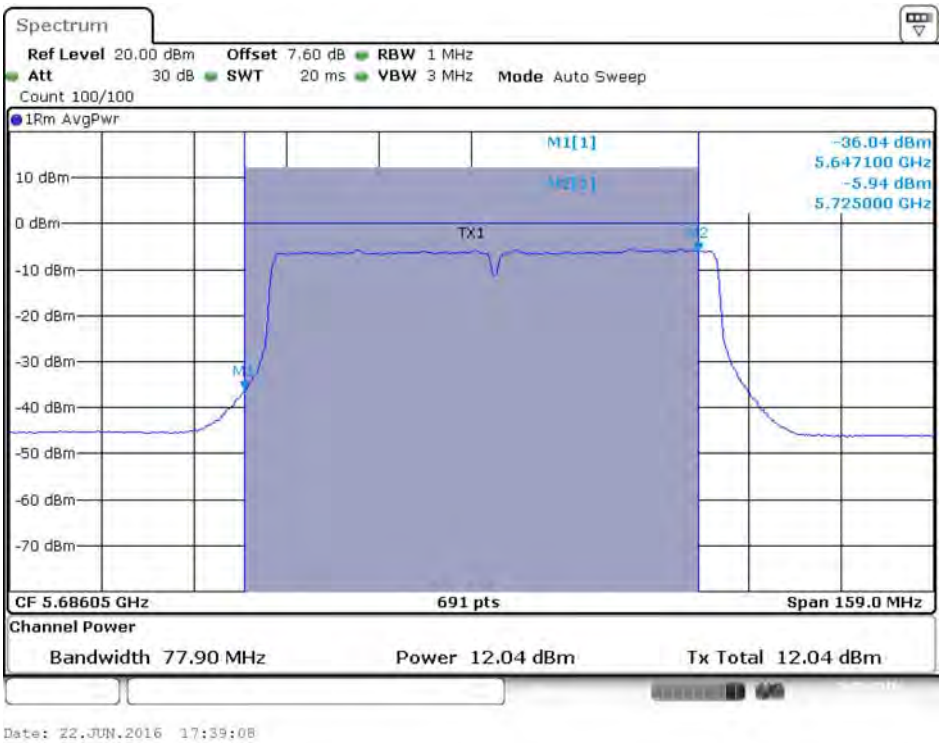
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 3 / 5710 MHz (UNII 3)



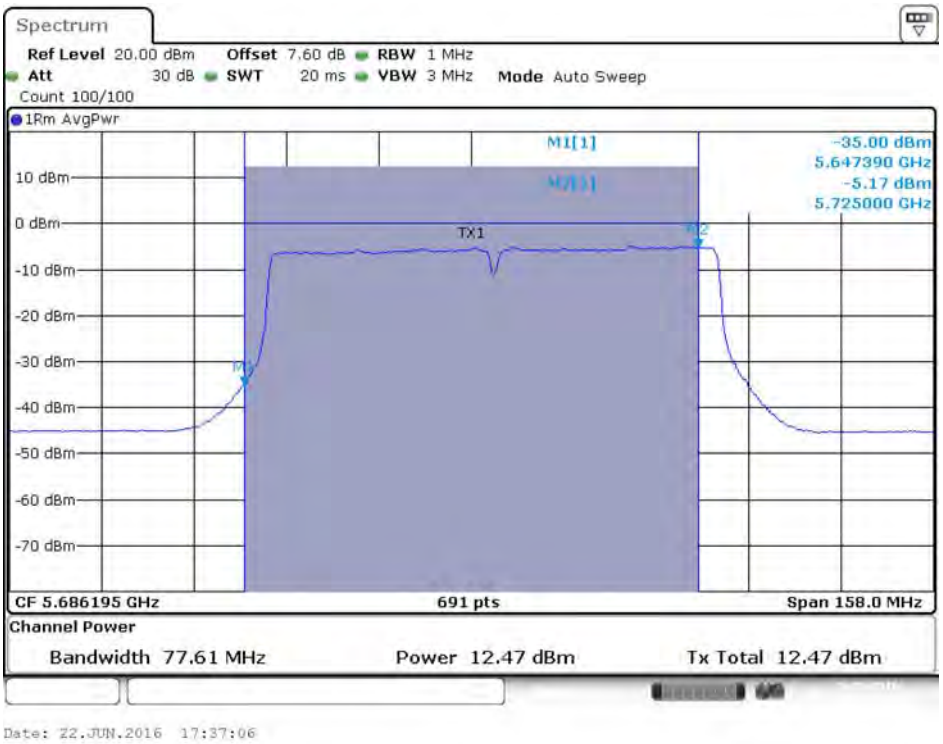
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 4 / 5710 MHz (UNII 3)



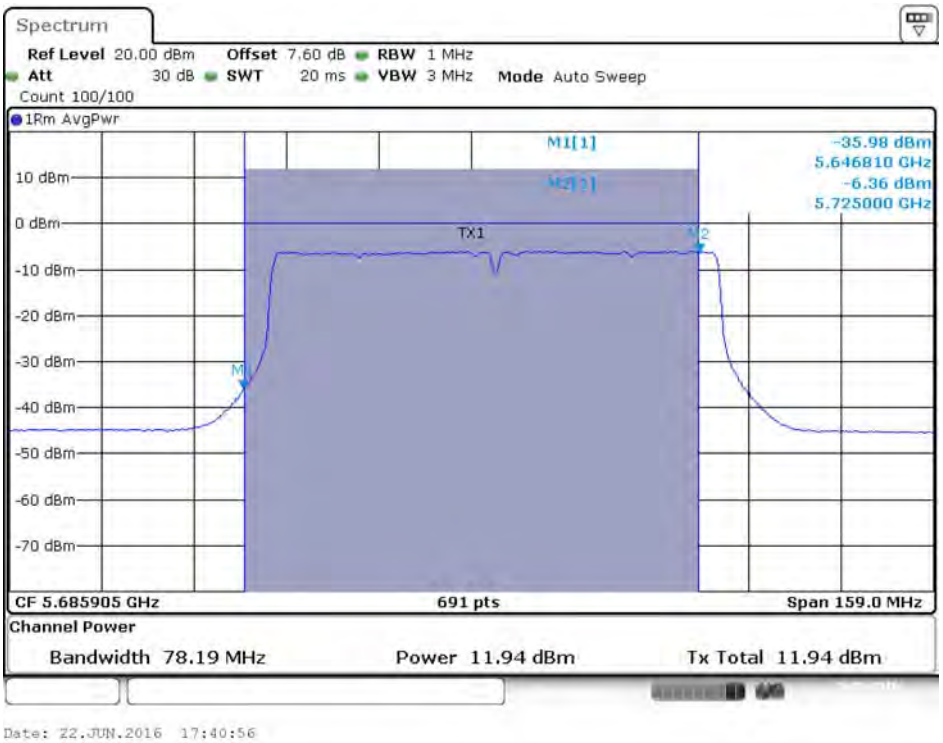
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



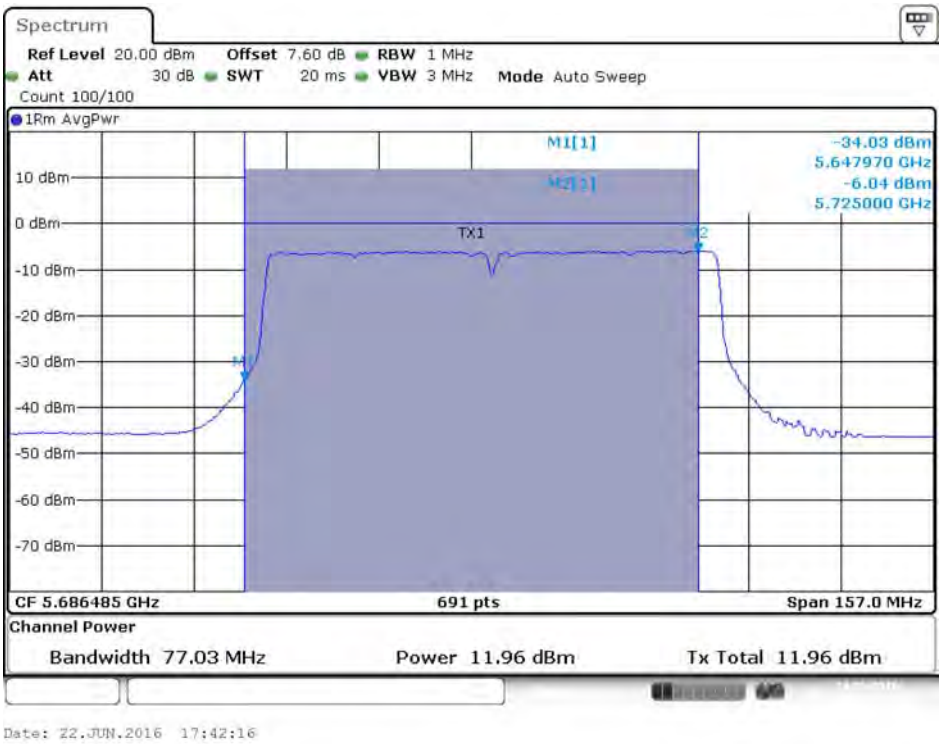
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



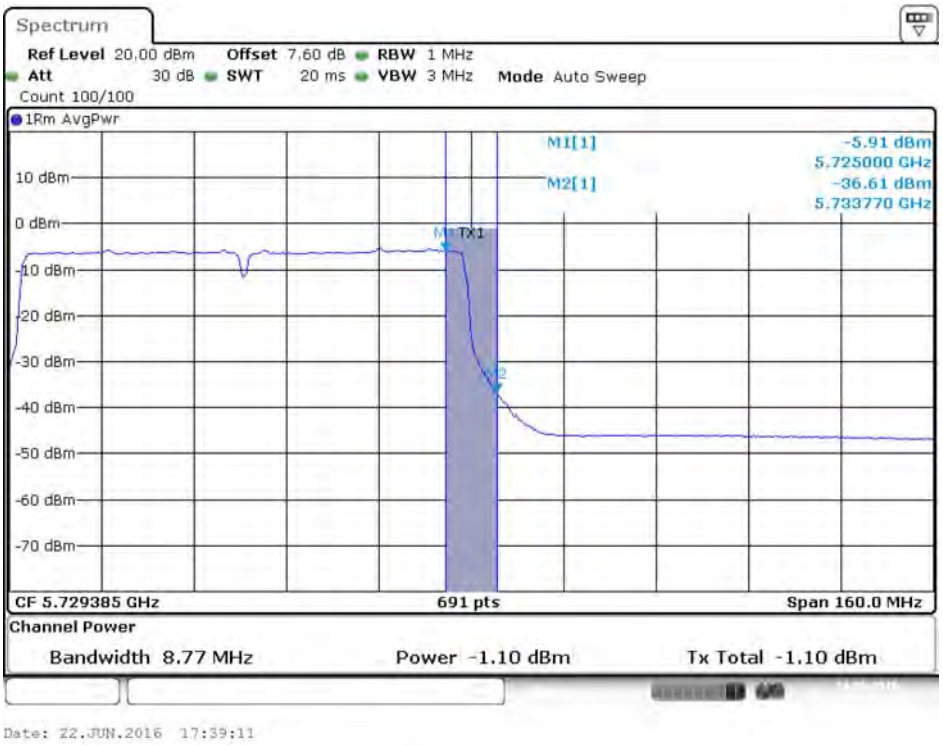
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



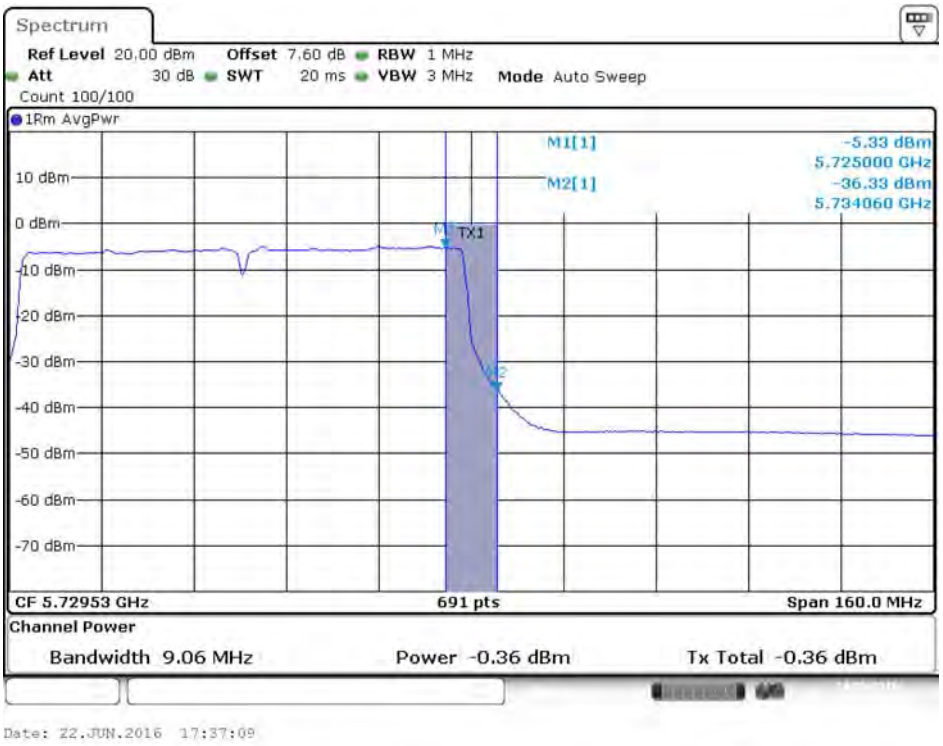
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



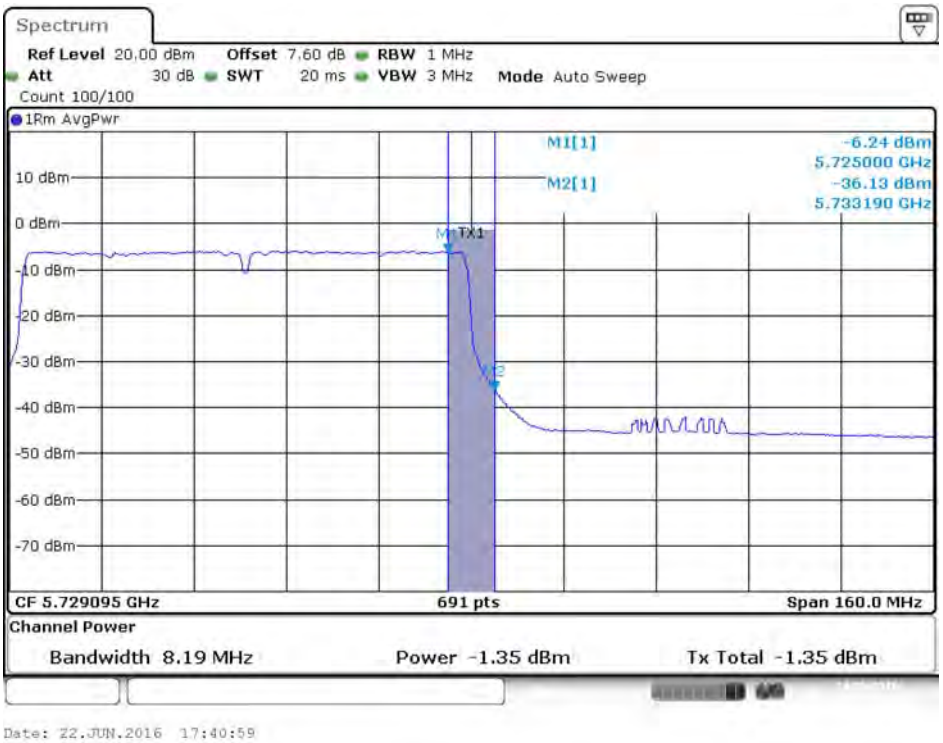
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 / 5690 MHz (UNII 3)



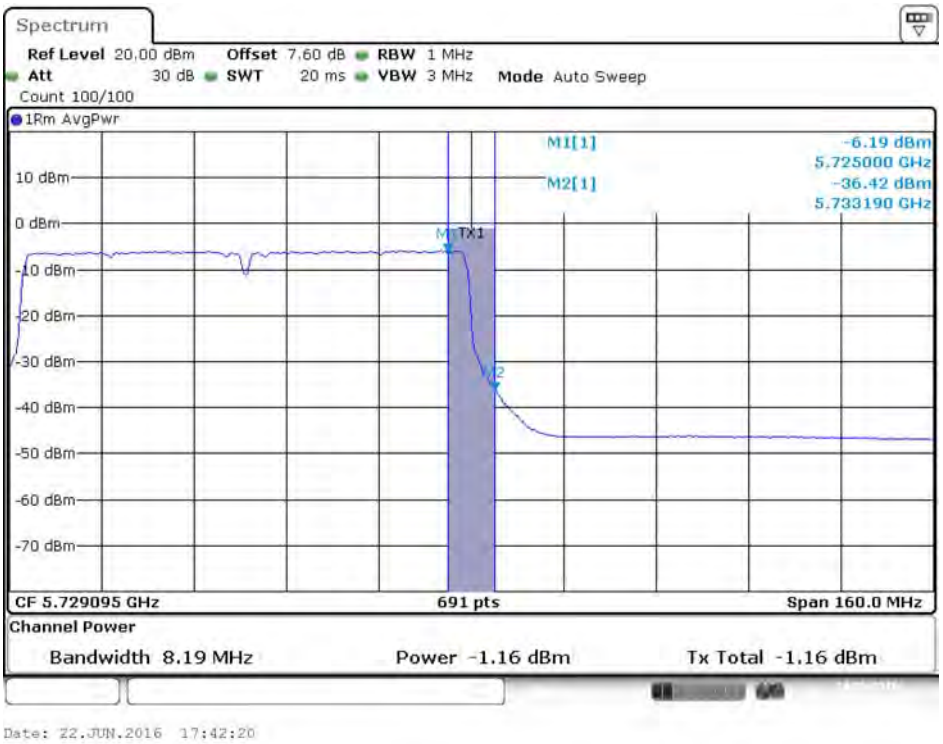
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 2 / 5690 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 4 / 5690 MHz (UNII 3)

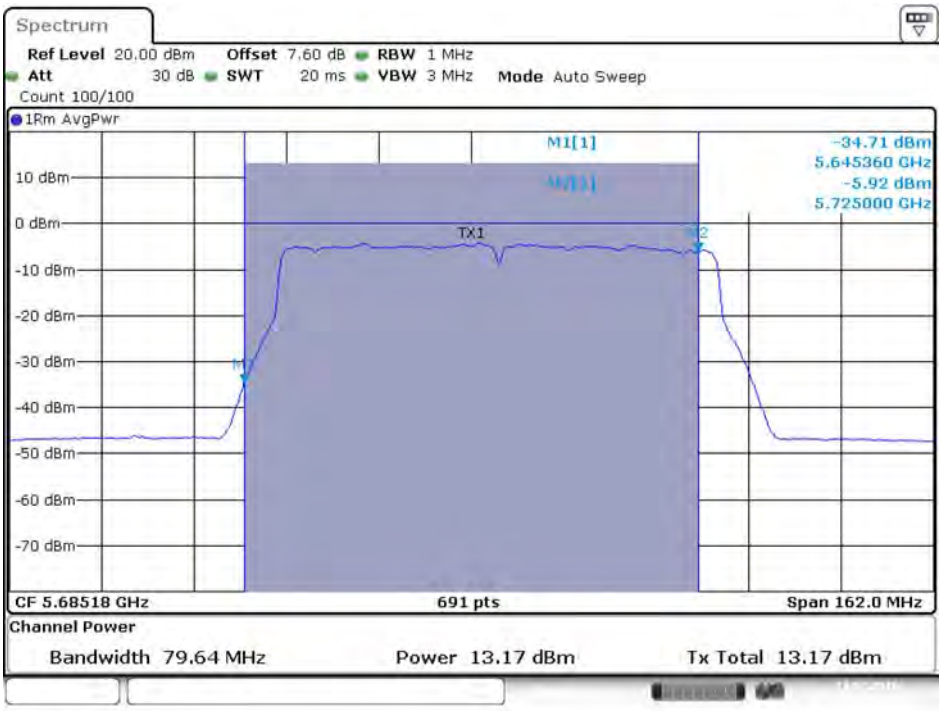


802.11ac MCS0/Nss2 VHT80+80

Straddle Channel

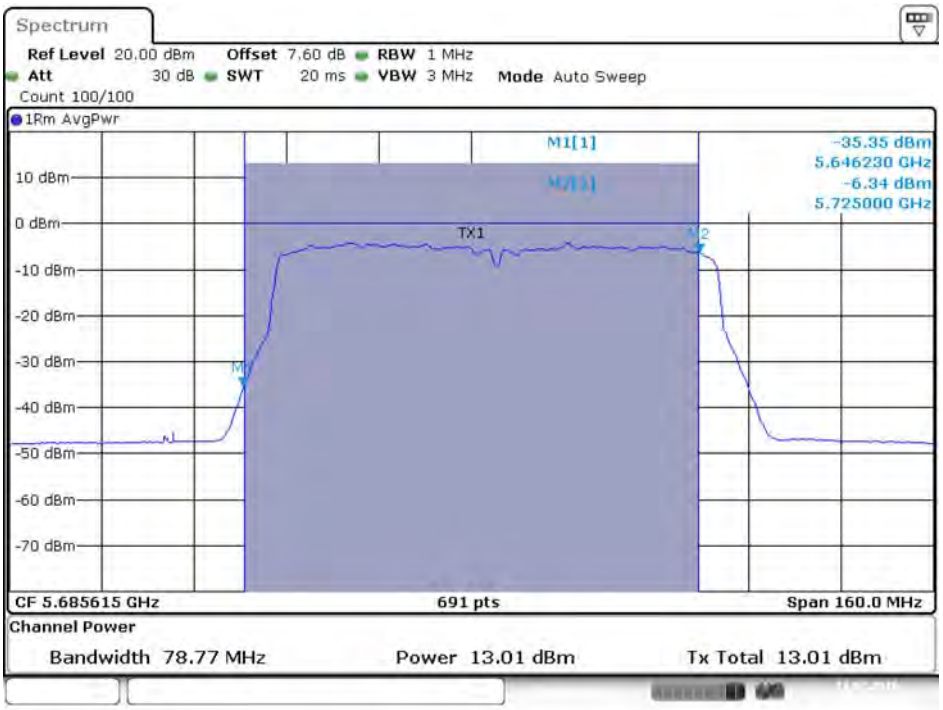
Type 3

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



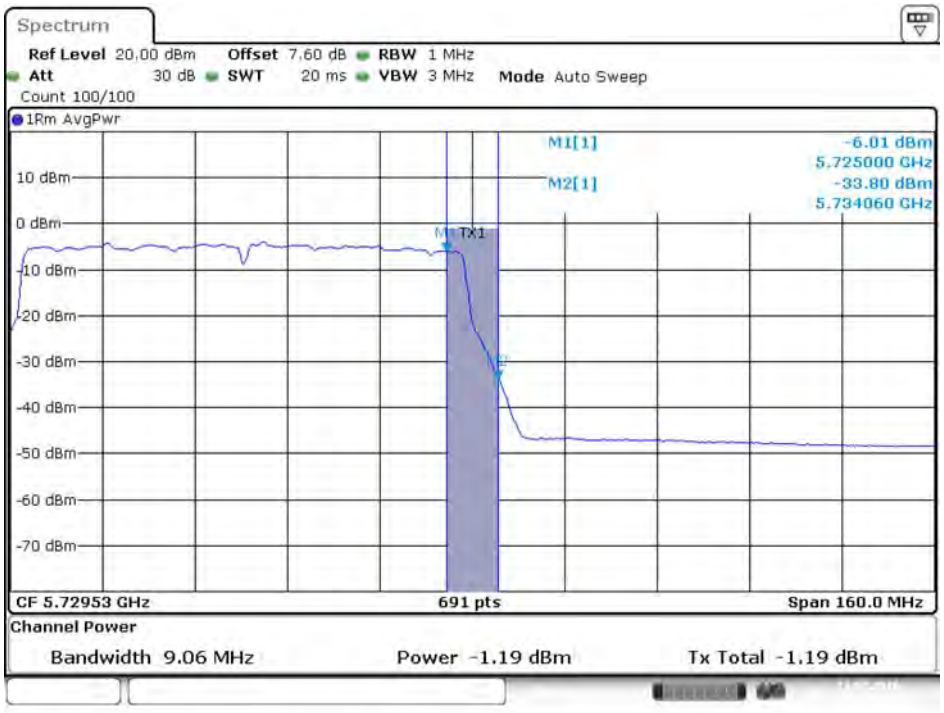
Date: 17.JUL.2016 13:01:12

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



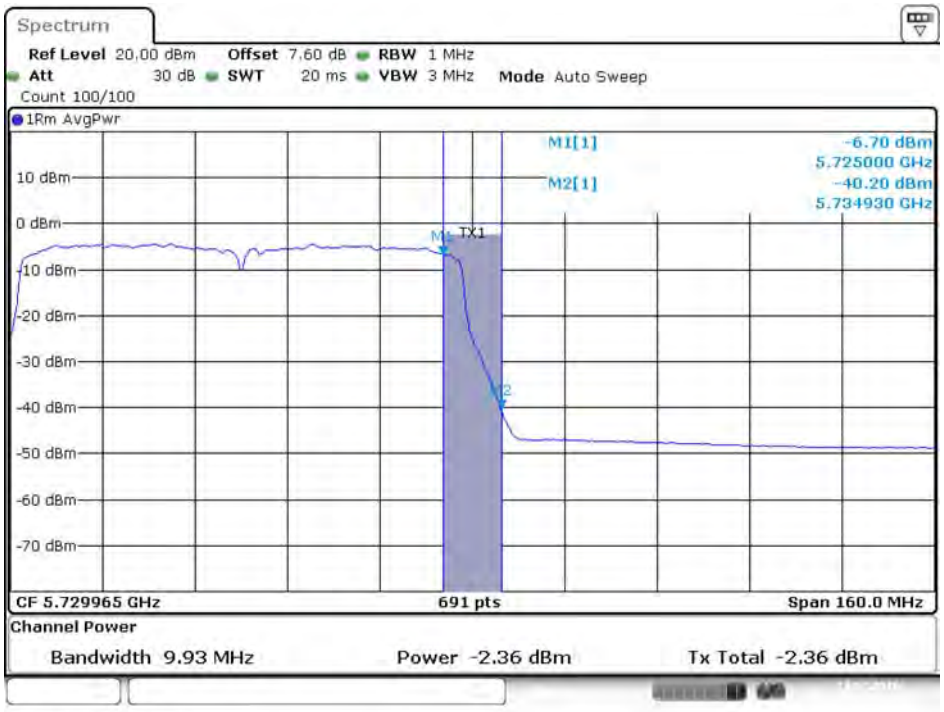
Date: 17.JUL.2016 13:15:36

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 13:01:16

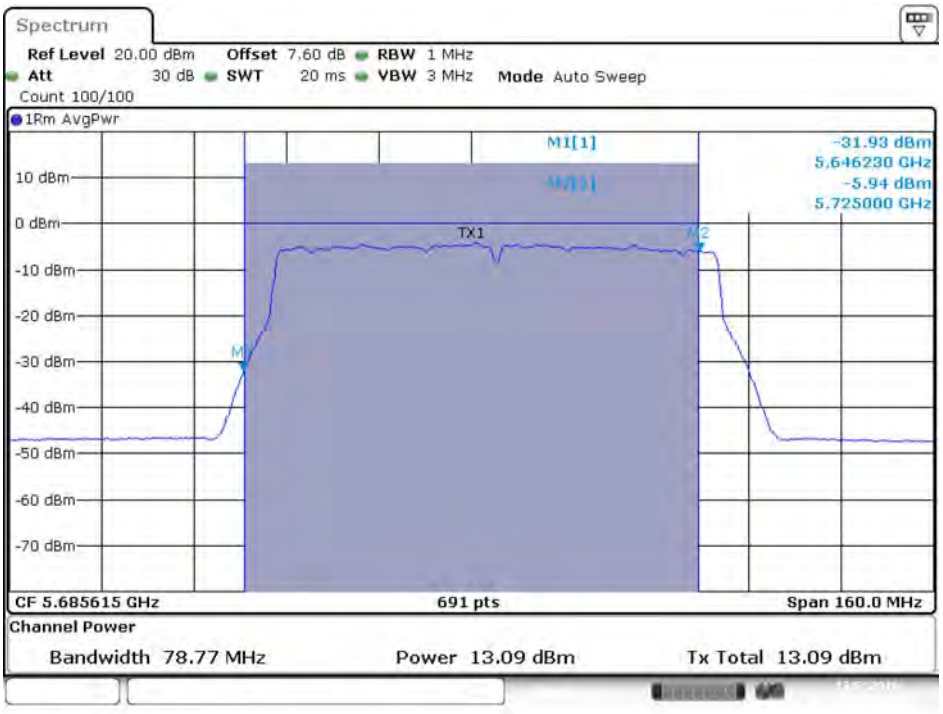
Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 13:15:40

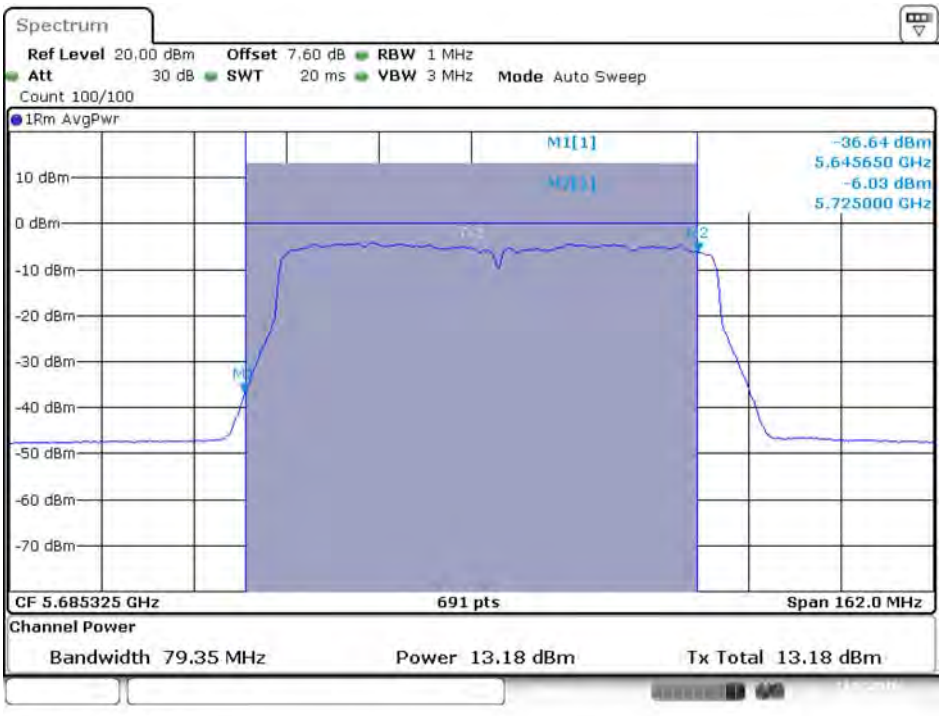
Type 6

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



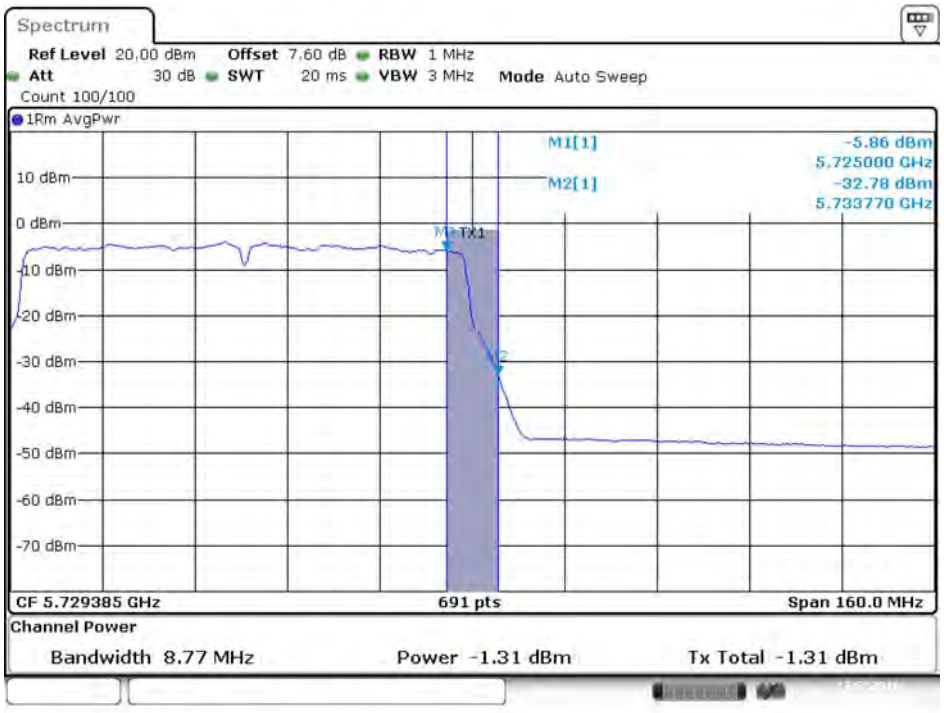
Date: 17.JUL.2016 14:30:26

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



Date: 17.JUL.2016 14:28:45

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



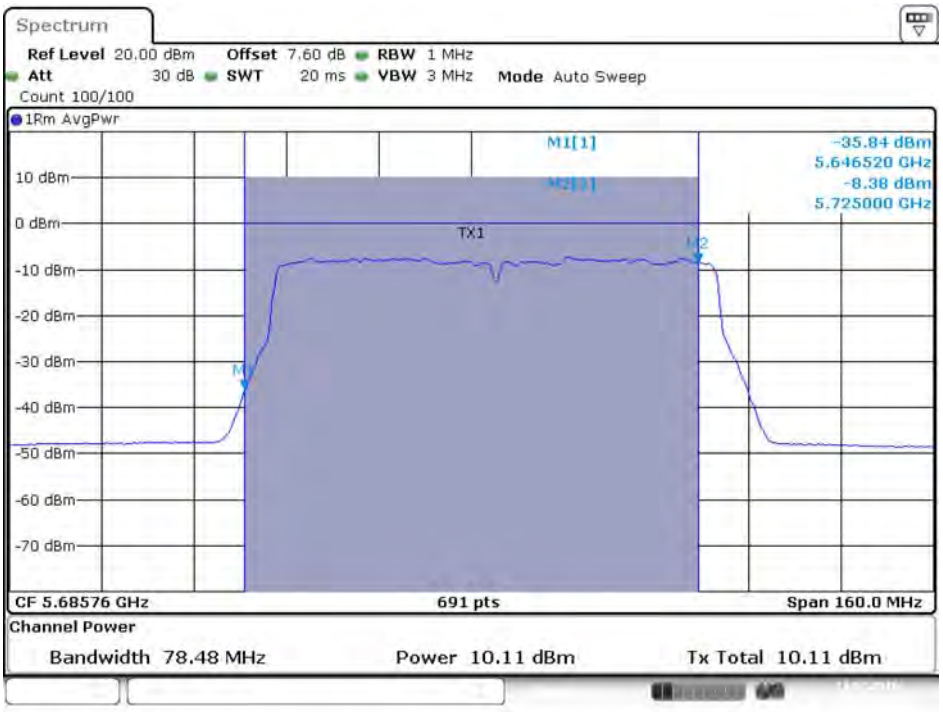
Date: 17.JUL.2016 14:30:29

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)

Date: 17.JUL.2016 14:28:49

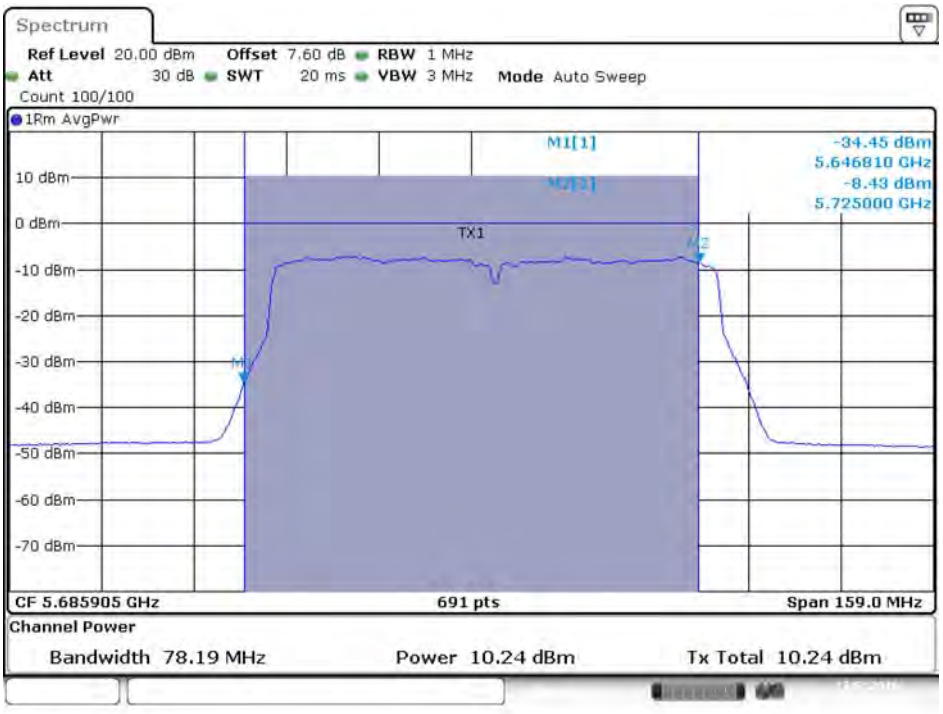
Type 8

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



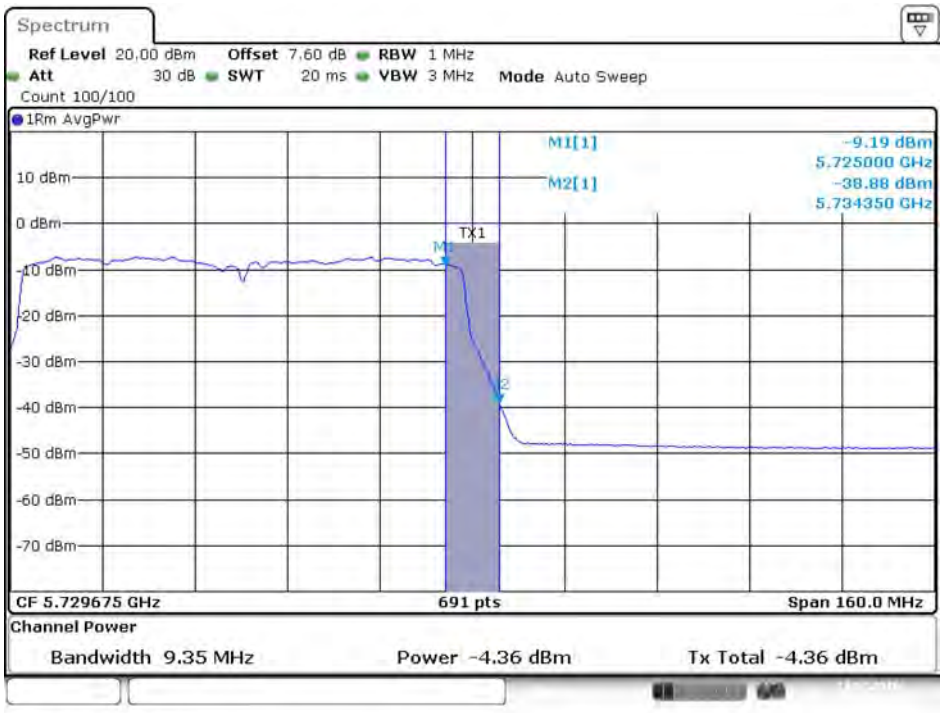
Date: 17.JUL.2016 16:02:36

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



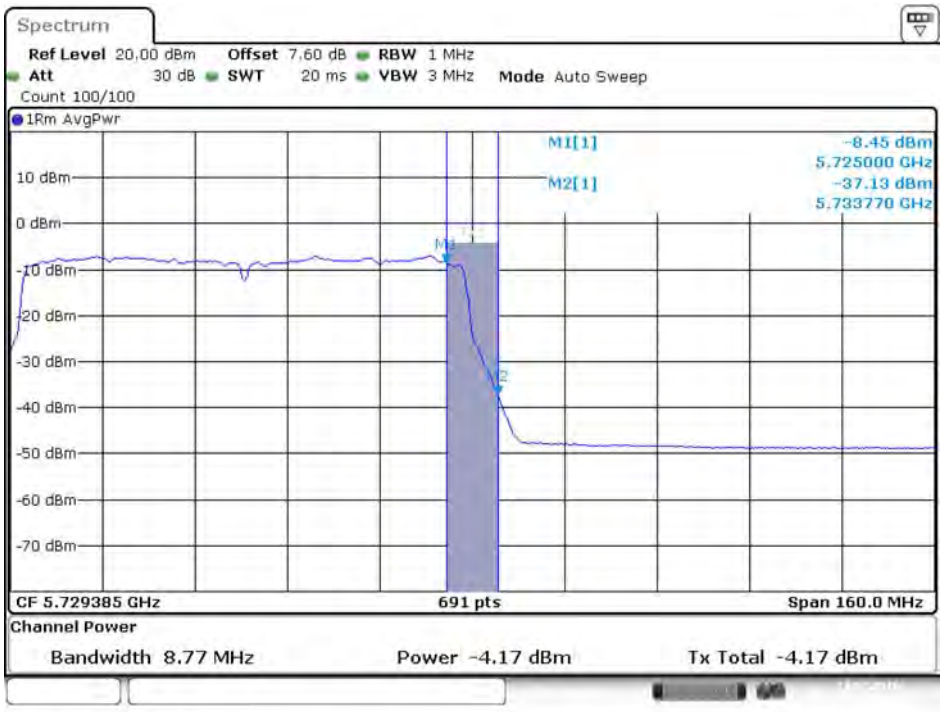
Date: 17.JUL.2016 16:00:37

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 16:02:39

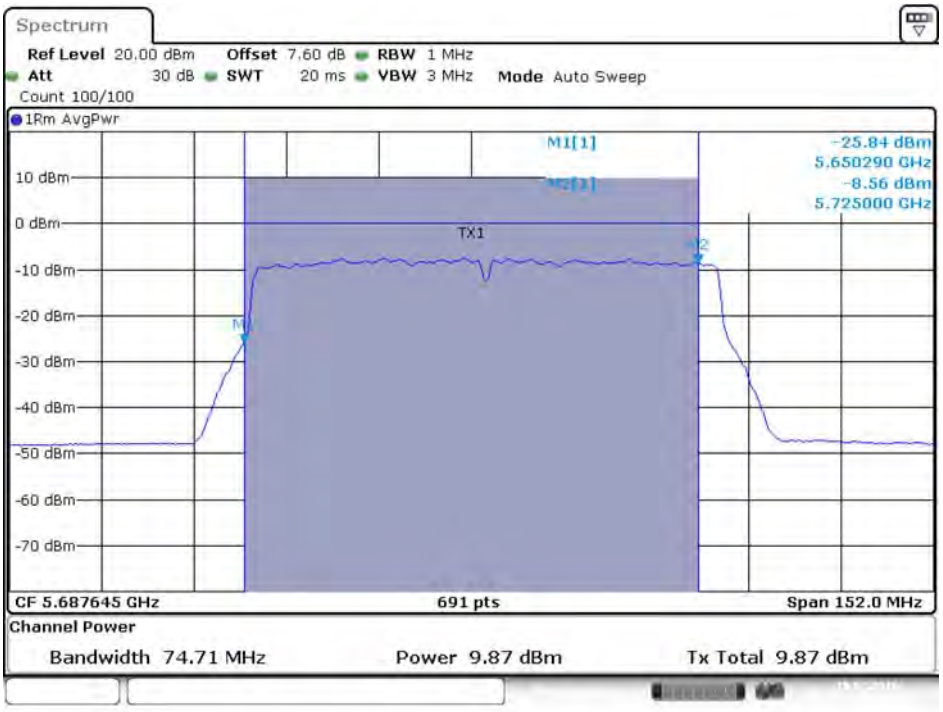
Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 16:00:40

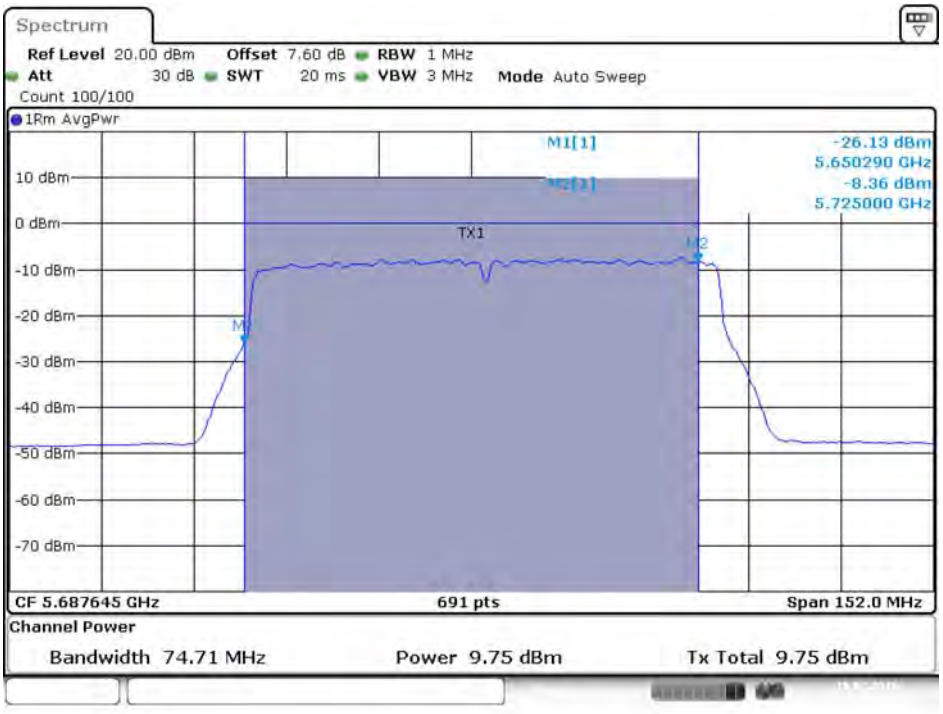
Type 11

Conducted Output Power Plot on Chain 1 / 5690 MHz (UNII 2C)



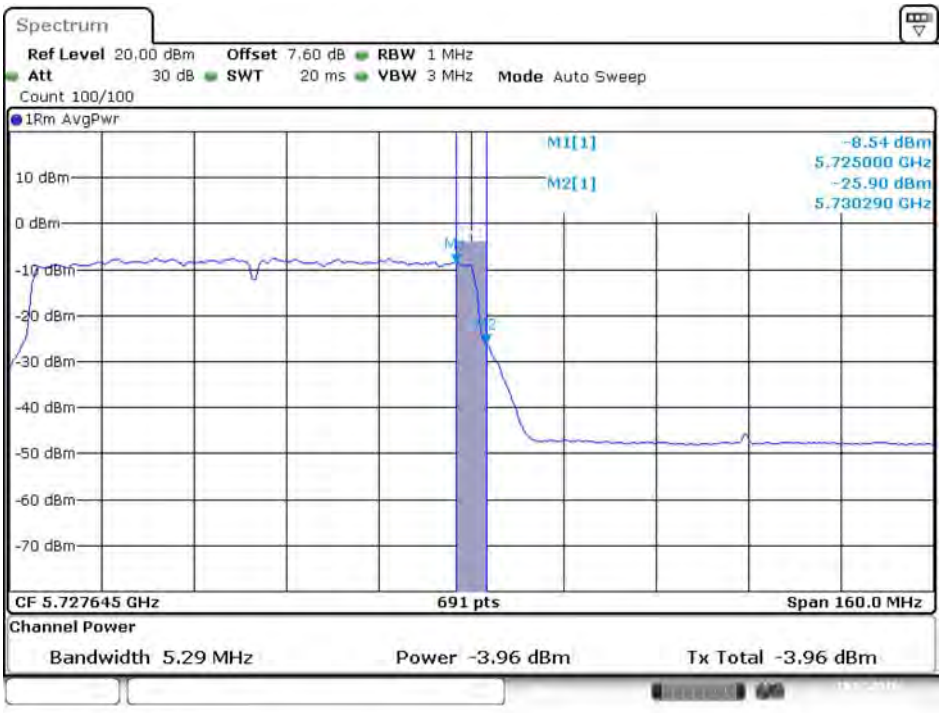
Date: 18.JUL.2016 17:59:51

Conducted Output Power Plot on Chain 2 / 5690 MHz (UNII 2C)



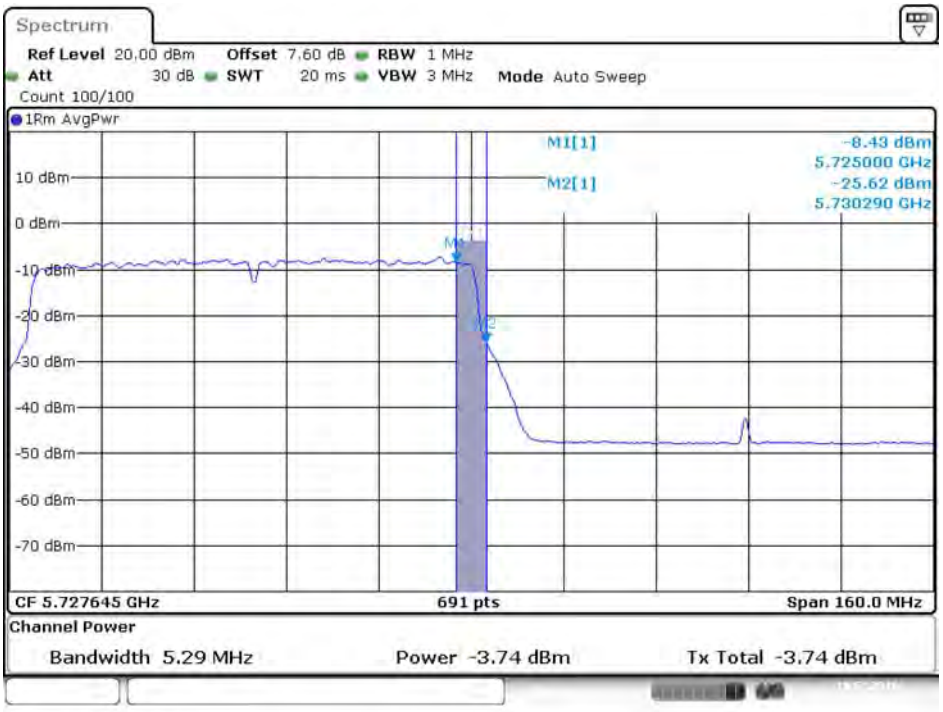
Date: 18.JUL.2016 17:57:32

Conducted Output Power Plot on Chain 1 / 5690 MHz (UNII 3)



Date: 18.JUL.2016 17:59:55

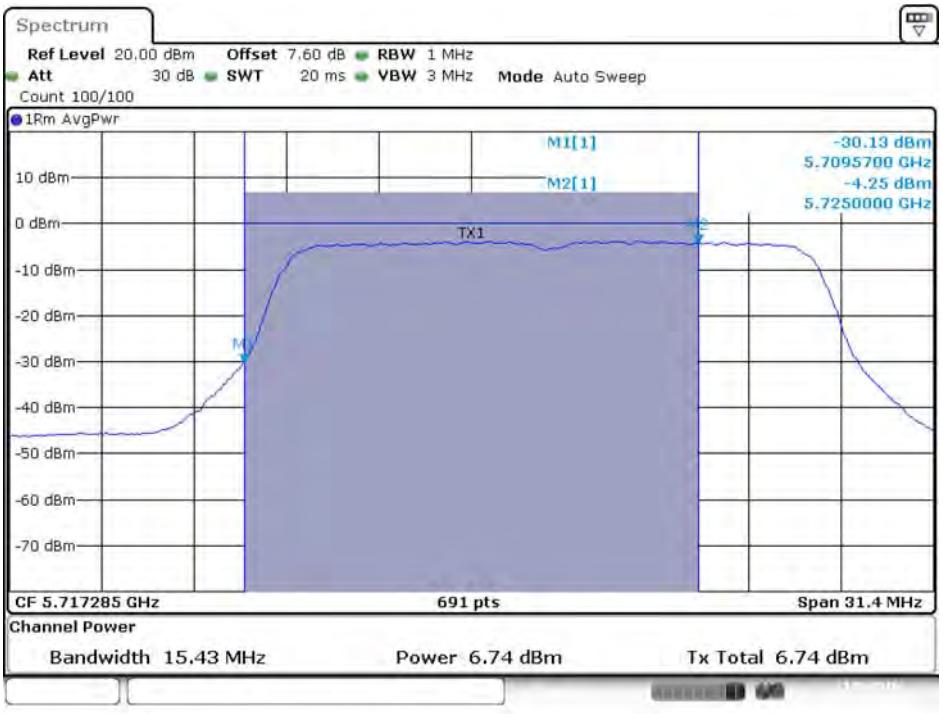
Conducted Output Power Plot on Chain 2 / 5690 MHz (UNII 3)



Date: 18.JUL.2016 17:57:35

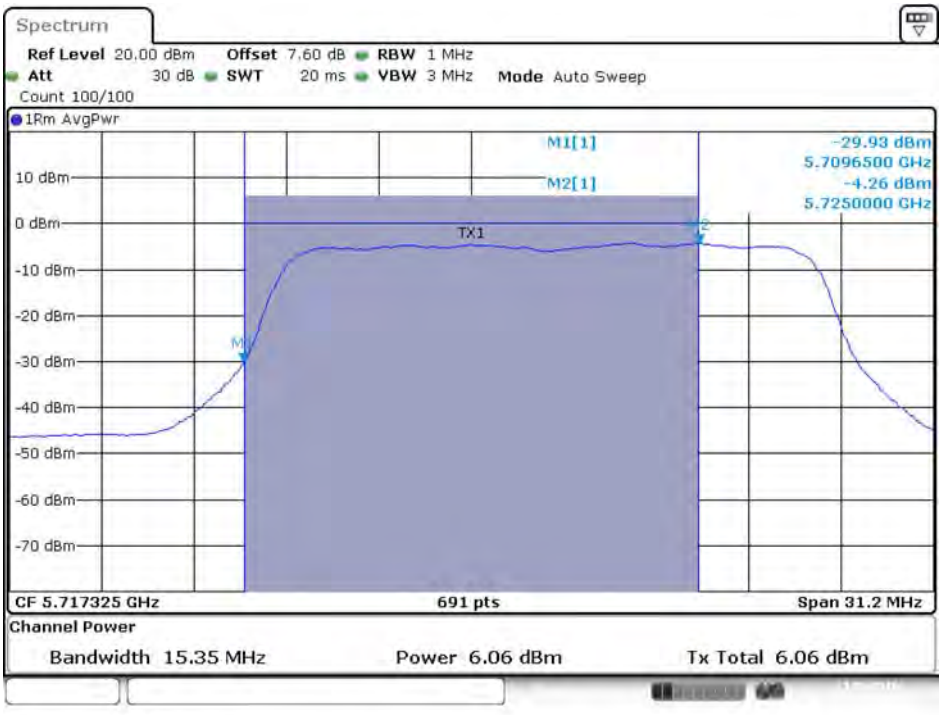
For Mode 4:

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



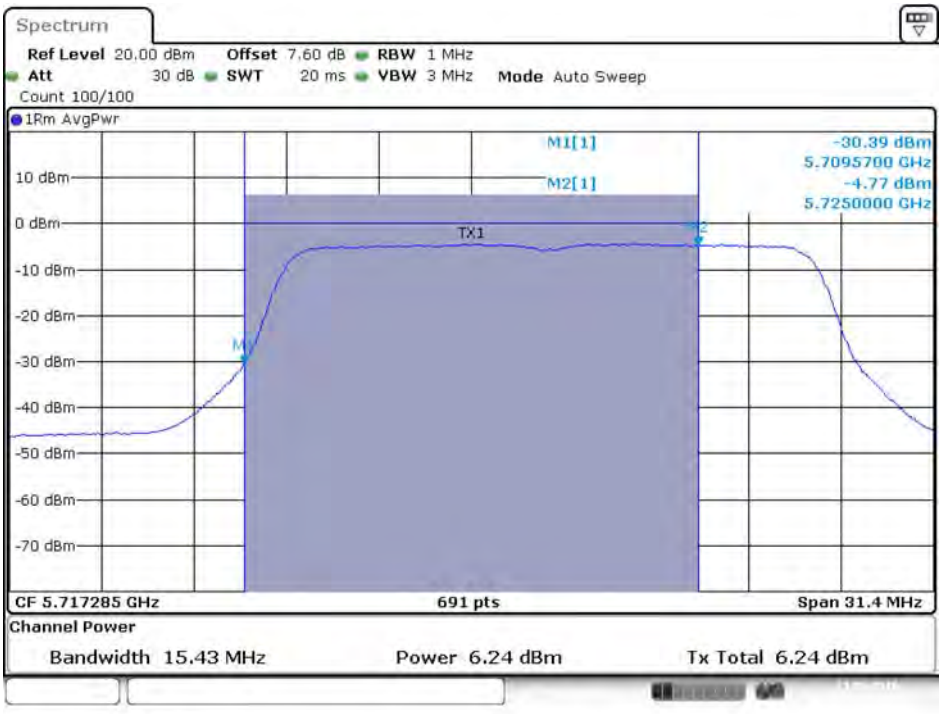
Date: 21.JUN.2016 21:13:40

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



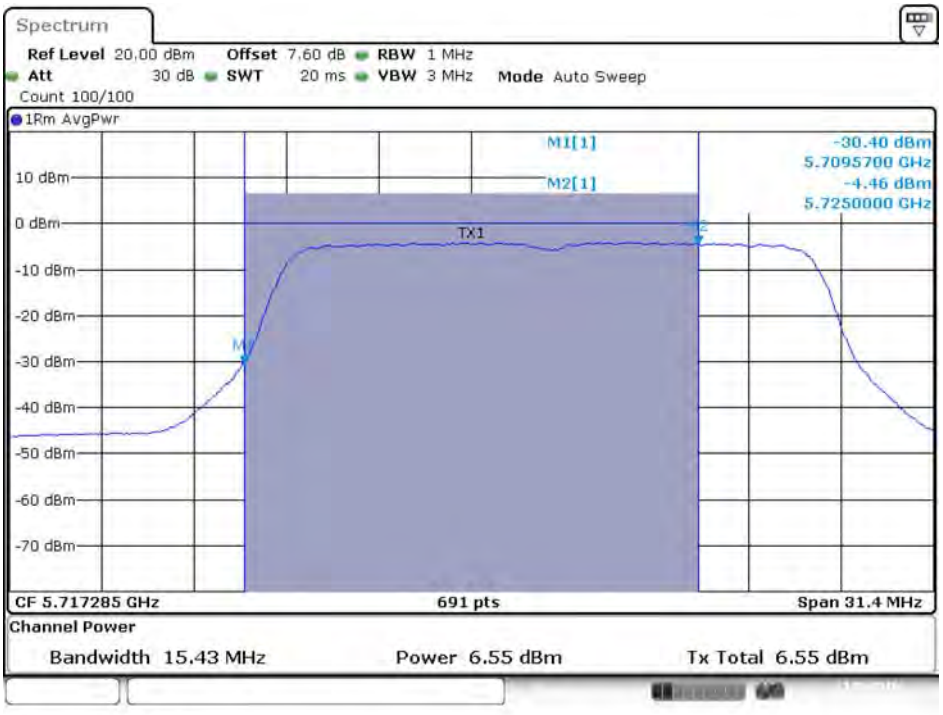
Date: 21.JUN.2016 21:21:46

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 21.JUN.2016 21:25:55

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Date: 21.JUN.2016 21:33:05

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)

Date: 21.JUN.2016 21:13:43

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)

Date: 21.JUN.2016 21:21:49

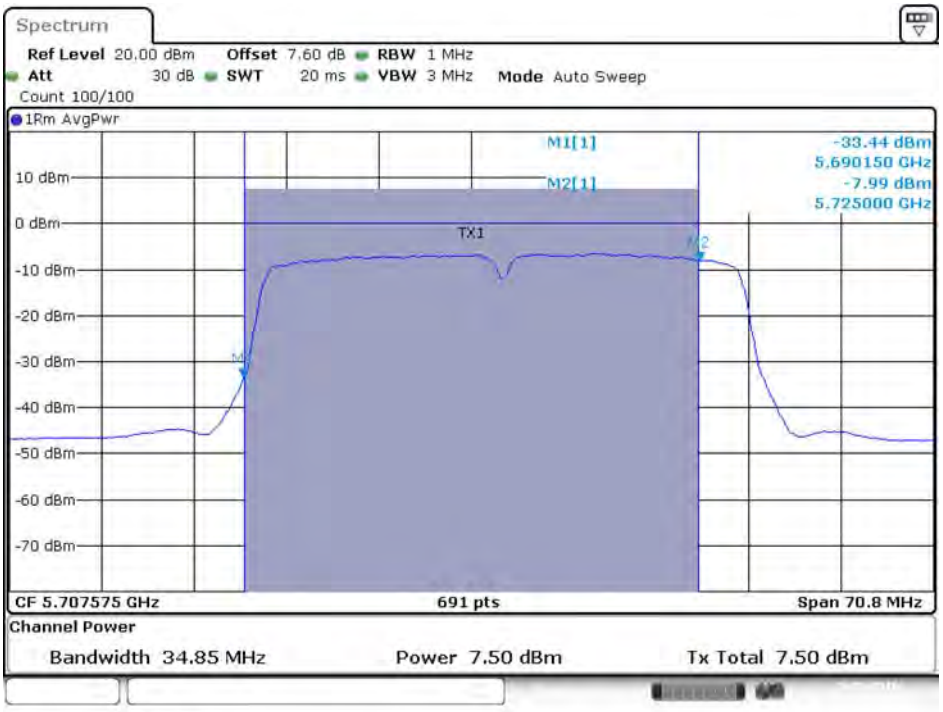
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 3 / 5720 MHz (UNII 3)

Date: 21.JUN.2016 21:25:58

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 4 / 5720 MHz (UNII 3)

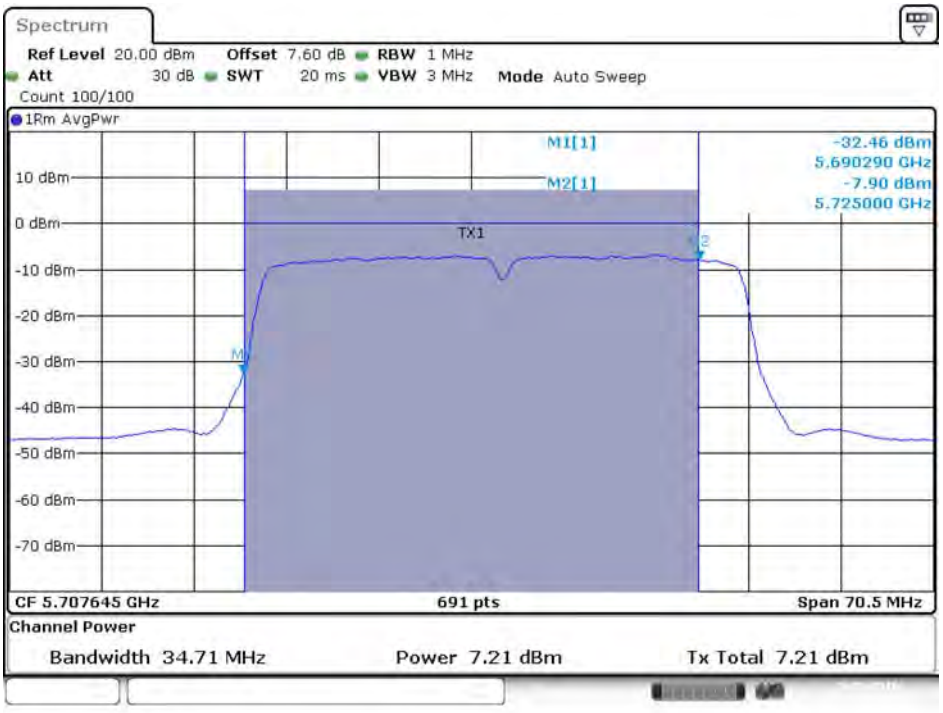
Date: 21.JUN.2016 21:33:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



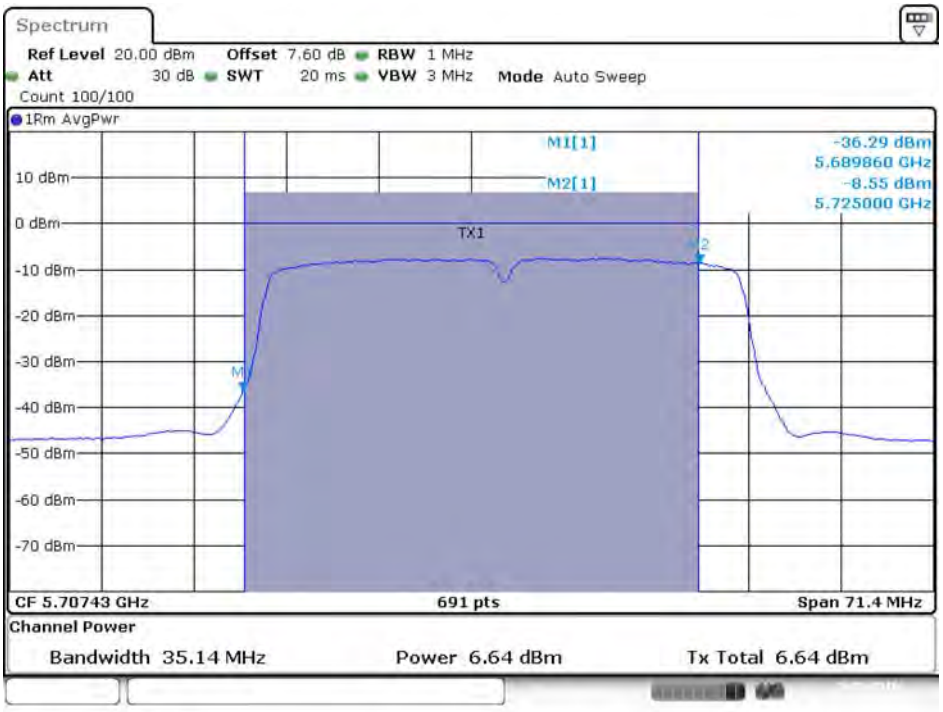
Date: 22.JUN.2016 01:06:37

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



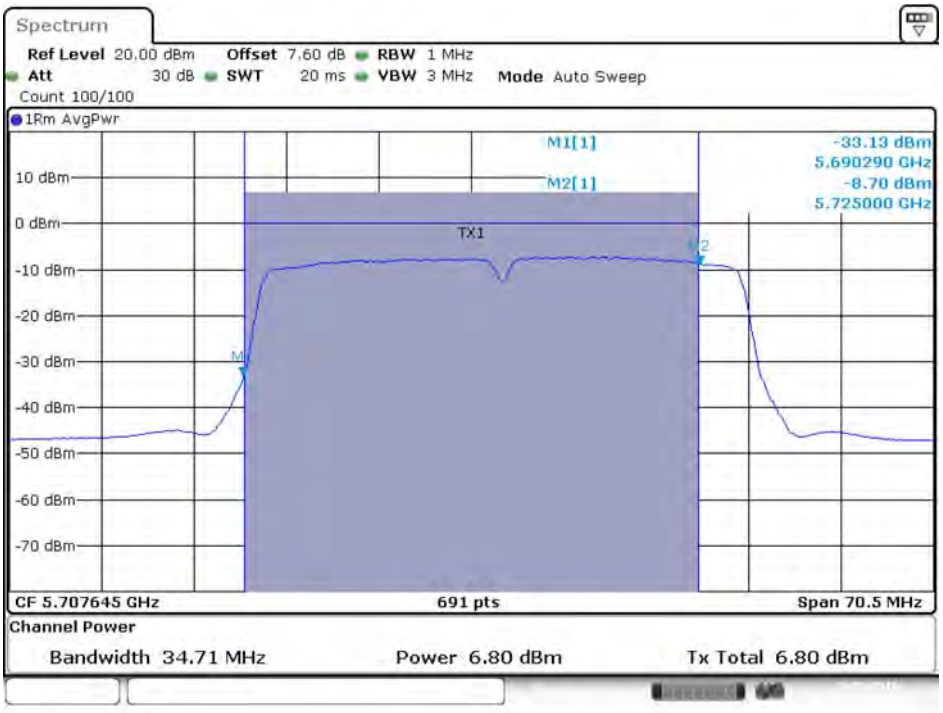
Date: 22.JUN.2016 01:09:04

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



Date: 22.JUN.2016 01:11:22

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



Date: 22.JUN.2016 01:13:44

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)

Date: 22.JUN.2016 01:06:40

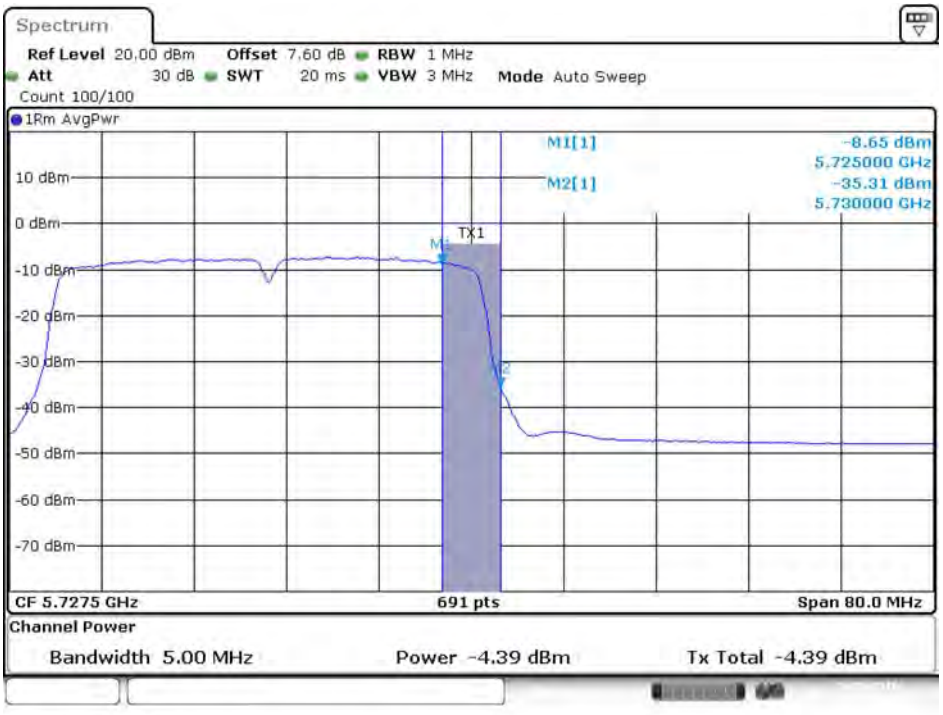
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)

Date: 22.JUN.2016 01:09:07

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 3 / 5710 MHz (UNII 3)

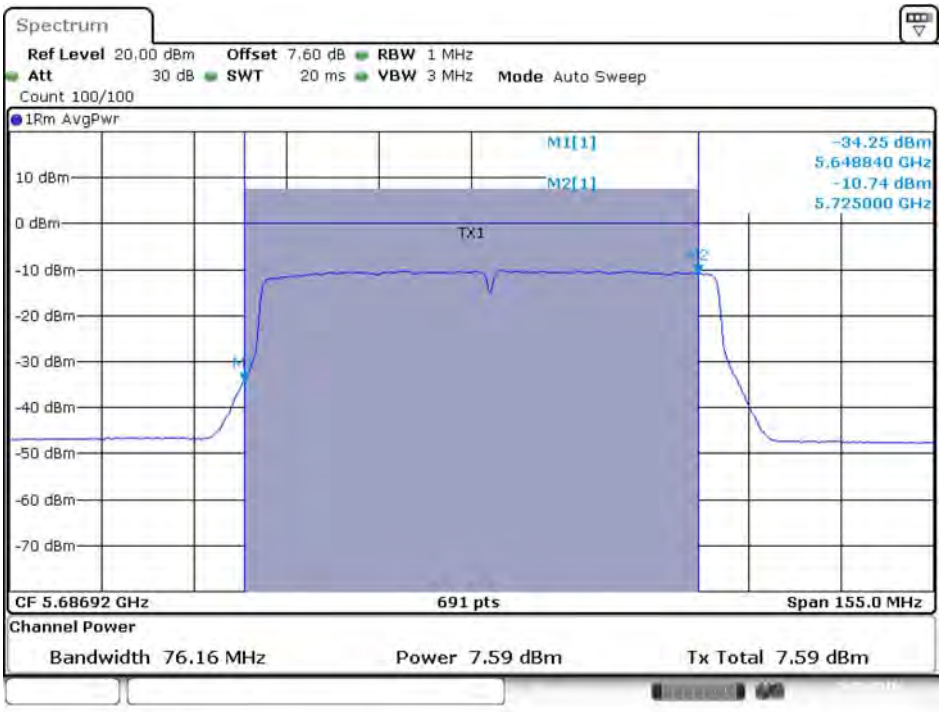
Date: 22.JUN.2016 01:11:25

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 4 / 5710 MHz (UNII 3)



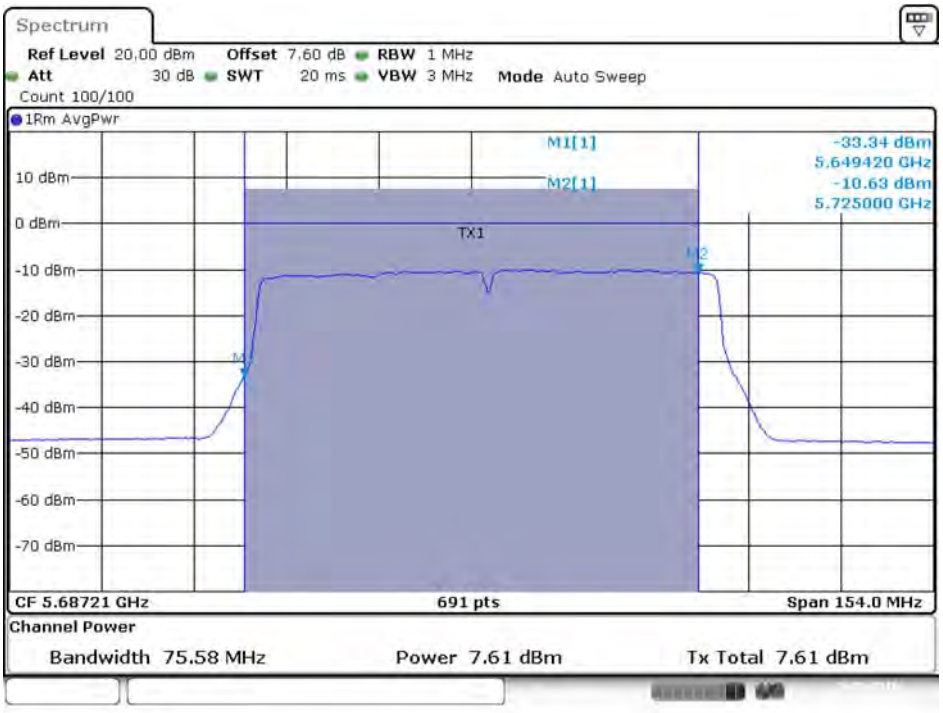
Date: 22.JUN.2016 01:13:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



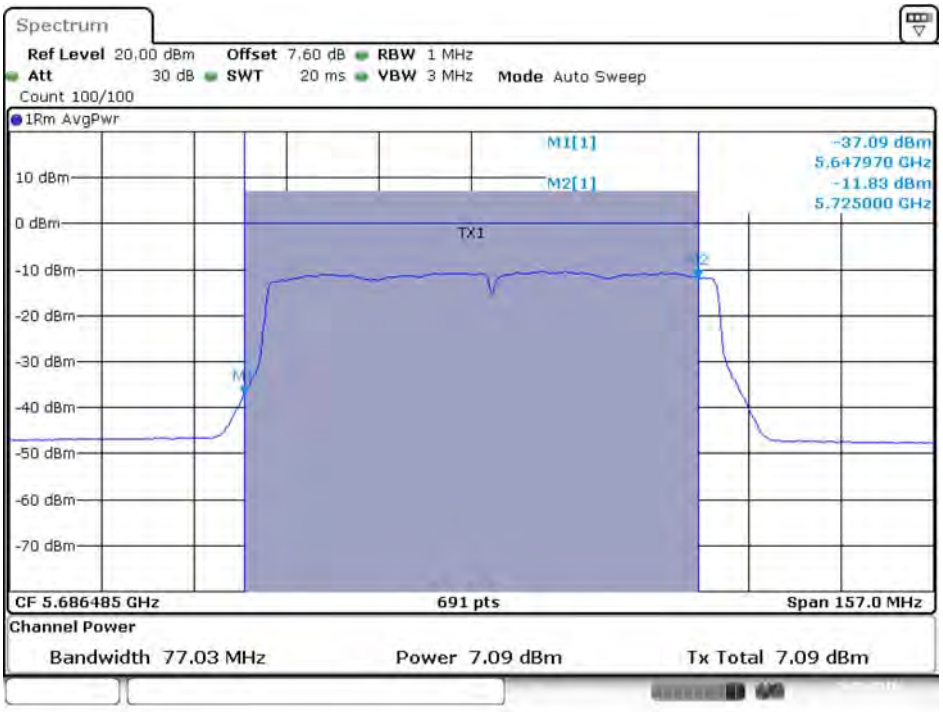
Date: 22.JUN.2016 01:58:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



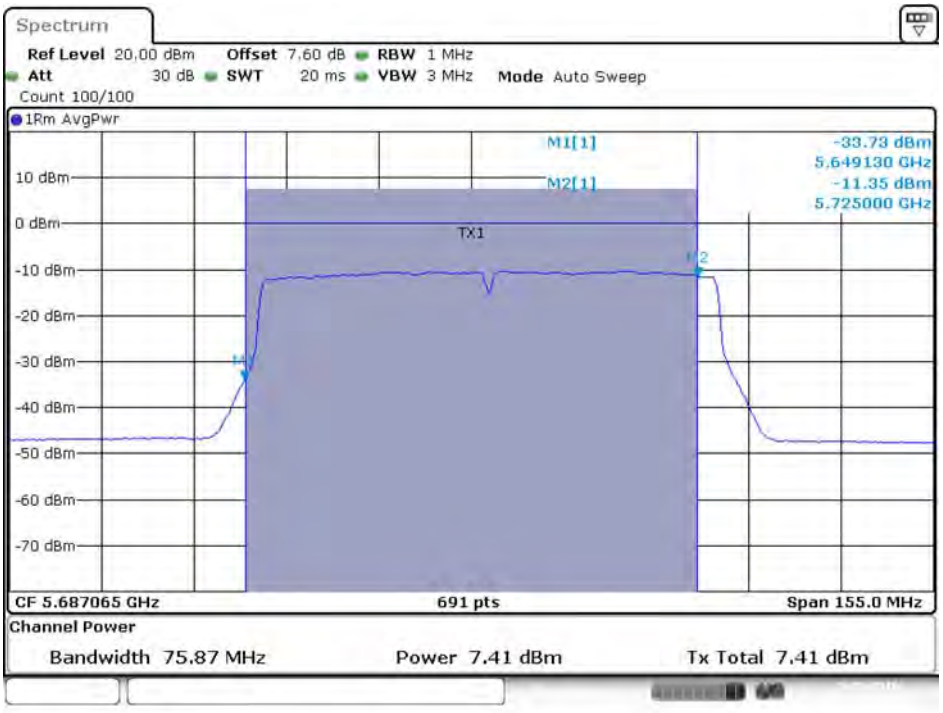
Date: 22.JUN.2016 02:00:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



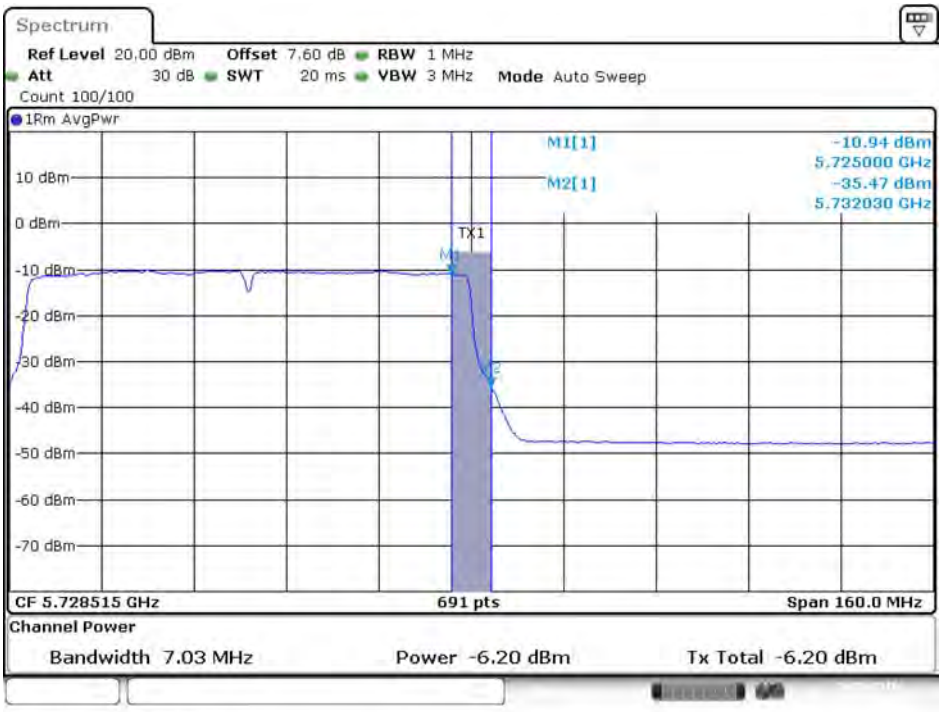
Date: 22.JUN.2016 01:55:14

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



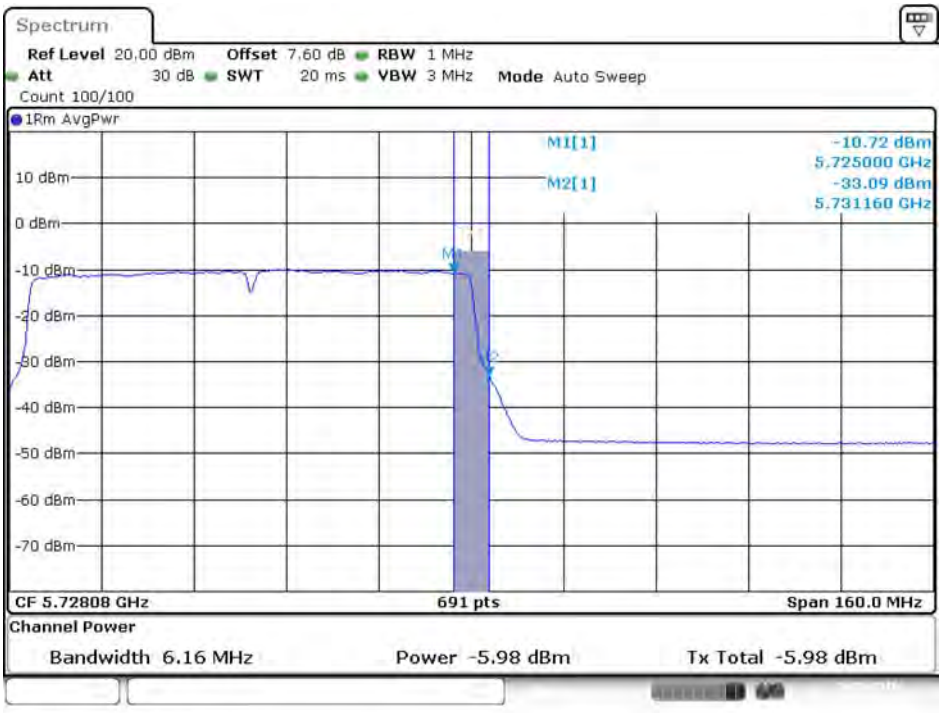
Date: 22.JUN.2016 02:04:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)



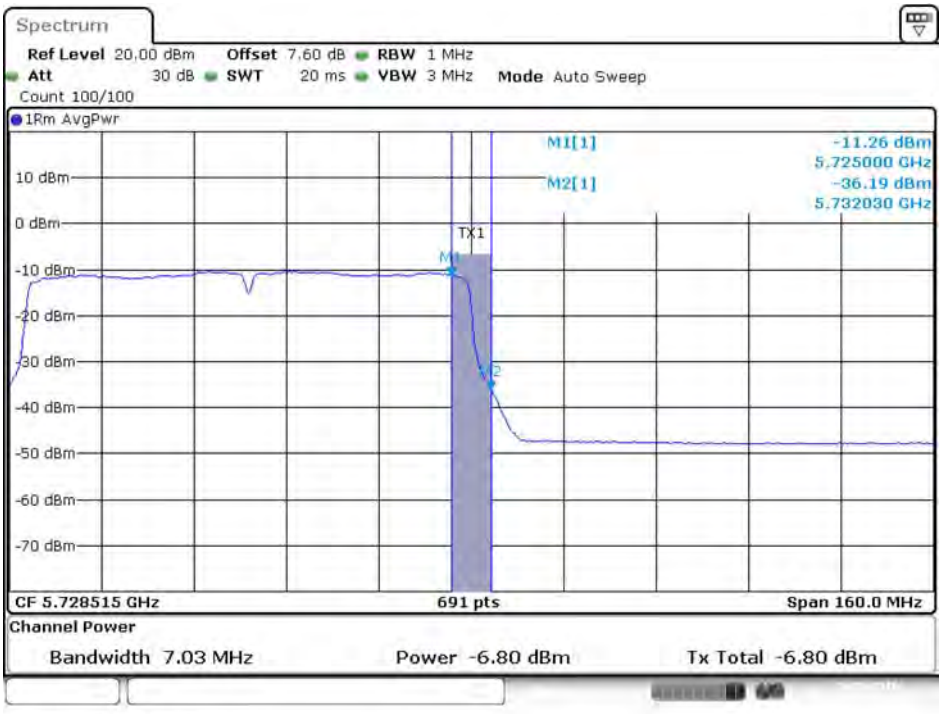
Date: 22.JUN.2016 01:58:09

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)



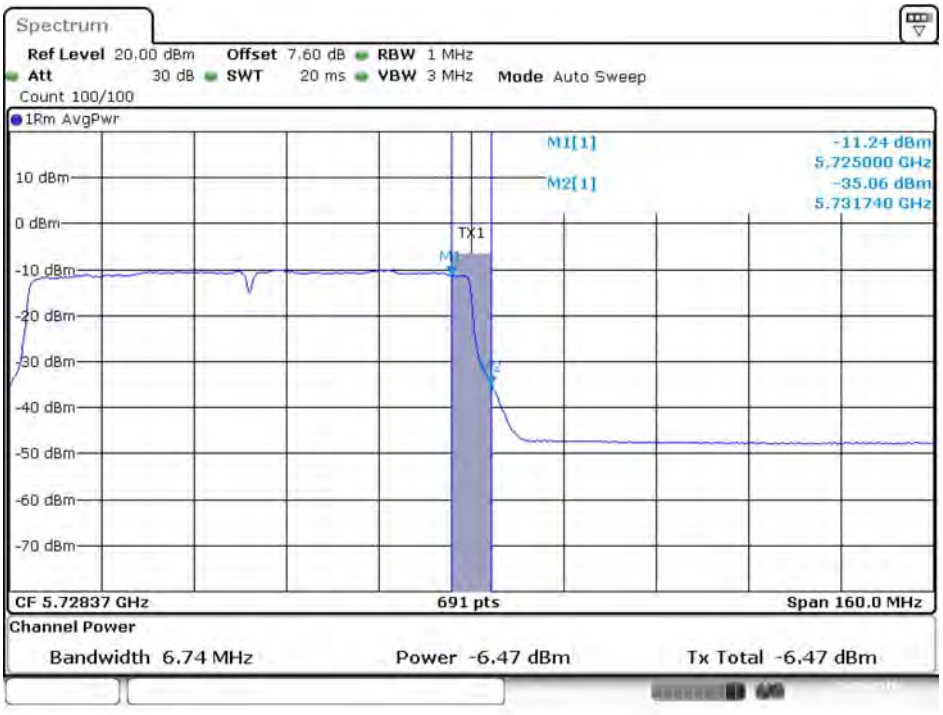
Date: 22.JUN.2016 02:00:51

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 3 / 5690 MHz (UNII 3)



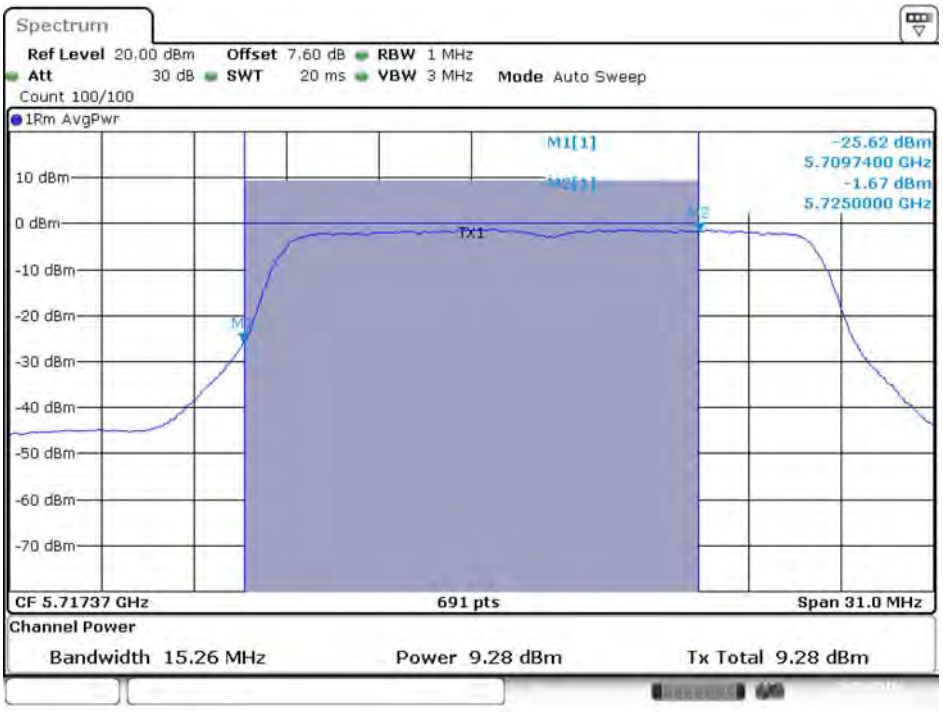
Date: 22.JUN.2016 01:55:17

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 4 / 5690 MHz (UNII 3)



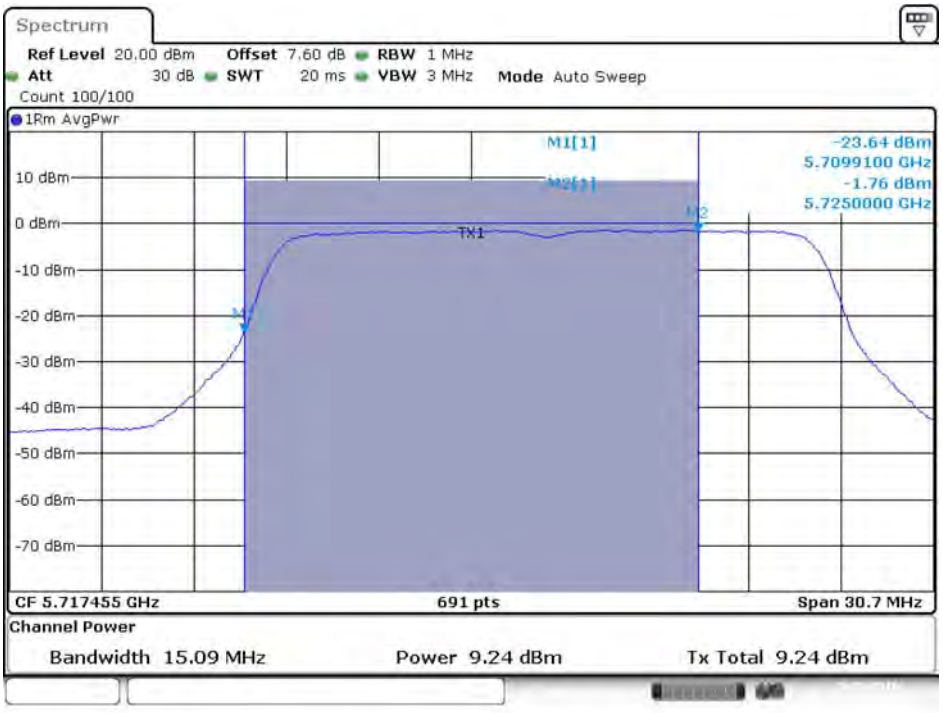
Date: 22.JUN.2016 02:04:12

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



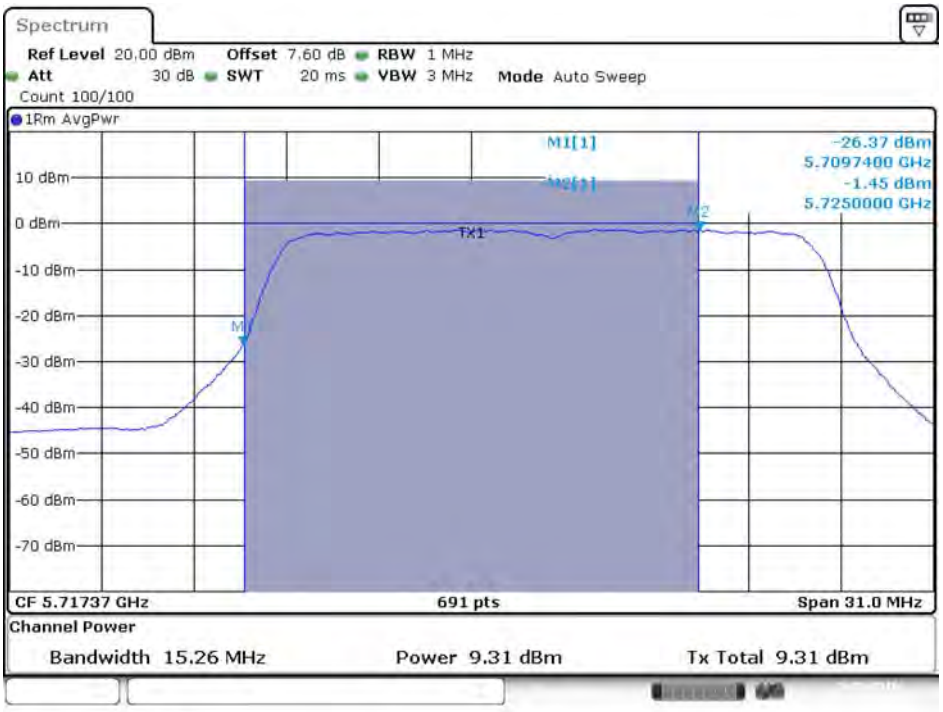
Date: 22.JUN.2016 03:08:00

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



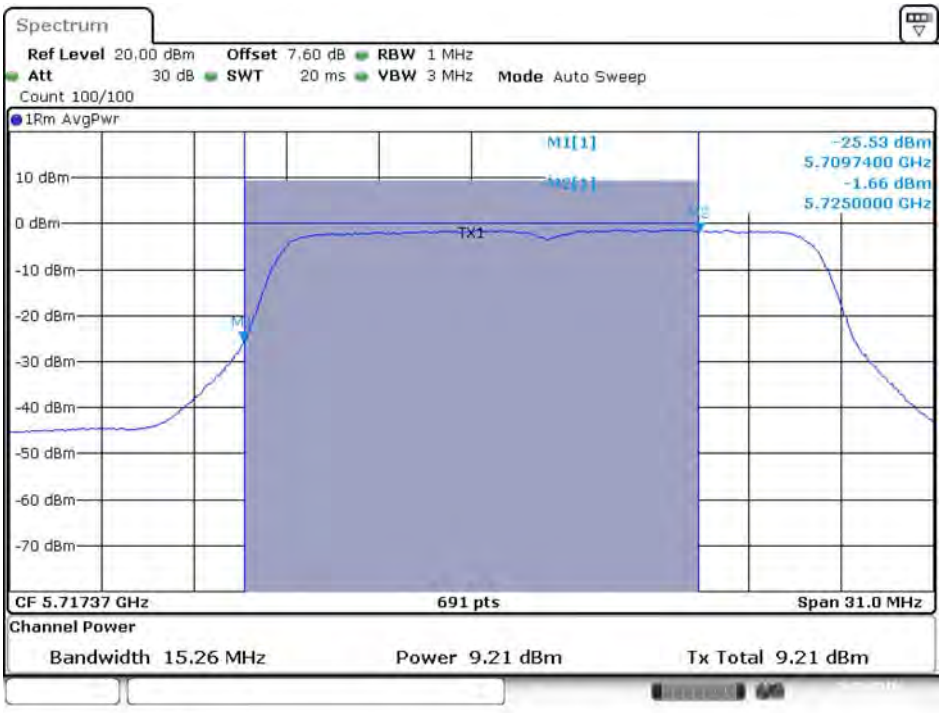
Date: 22.JUN.2016 03:11:06

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



Date: 22.JUN.2016 03:14:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 4 / 5720 MHz (UNII 2C)



Date: 22.JUN.2016 03:19:41

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:08:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 2 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:11:10

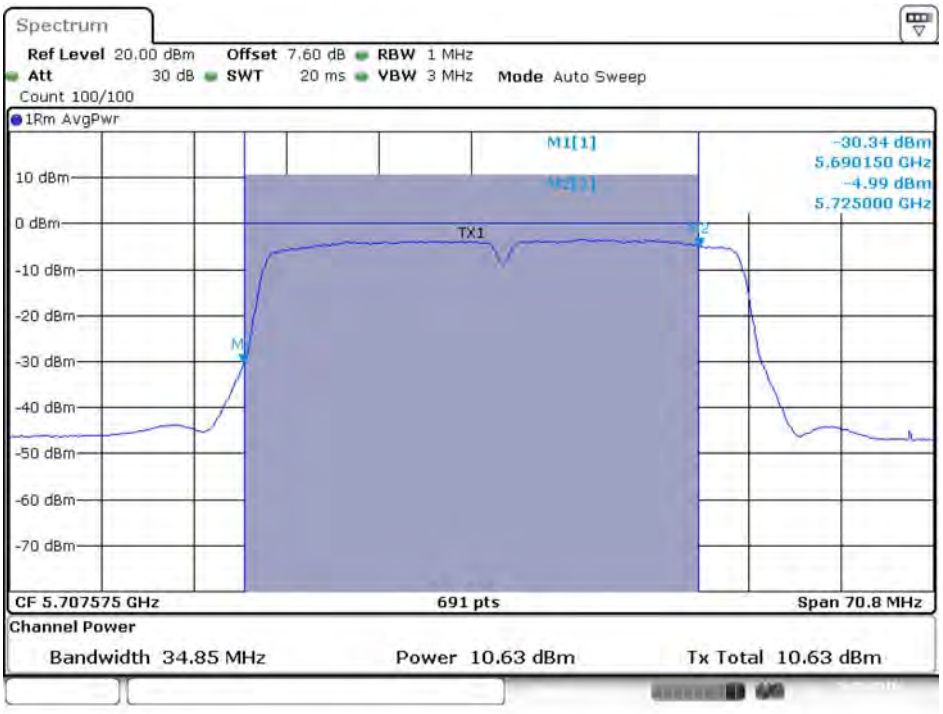
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 3 / 5720 MHz (UNII 3)

Date: 22.JUN.2016 03:14:24

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 4 / 5720 MHz (UNII 3)

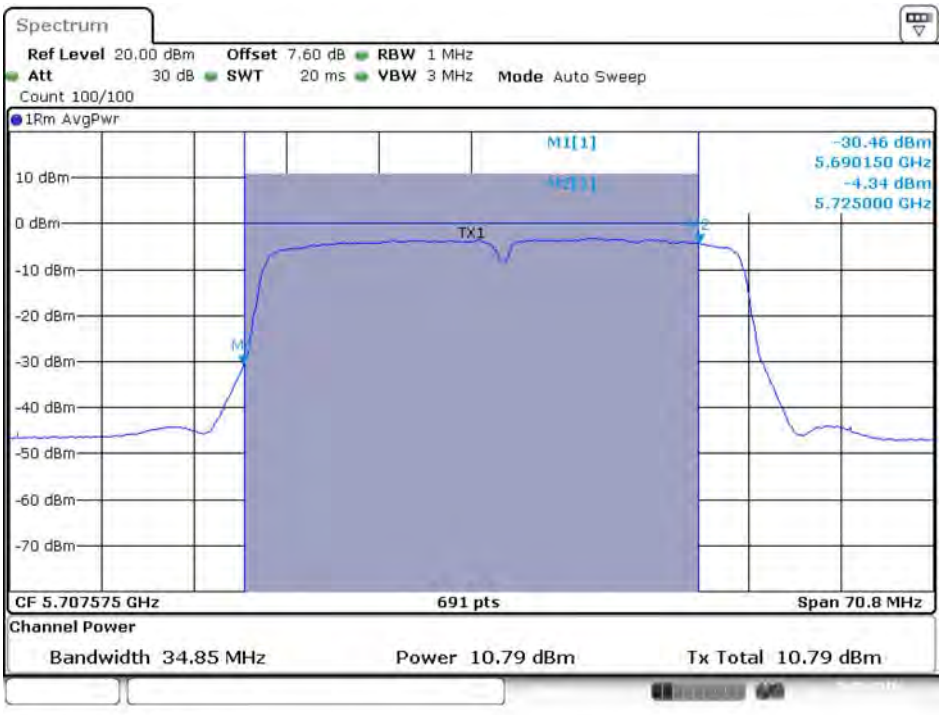
Date: 22.JUN.2016 03:19:44

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



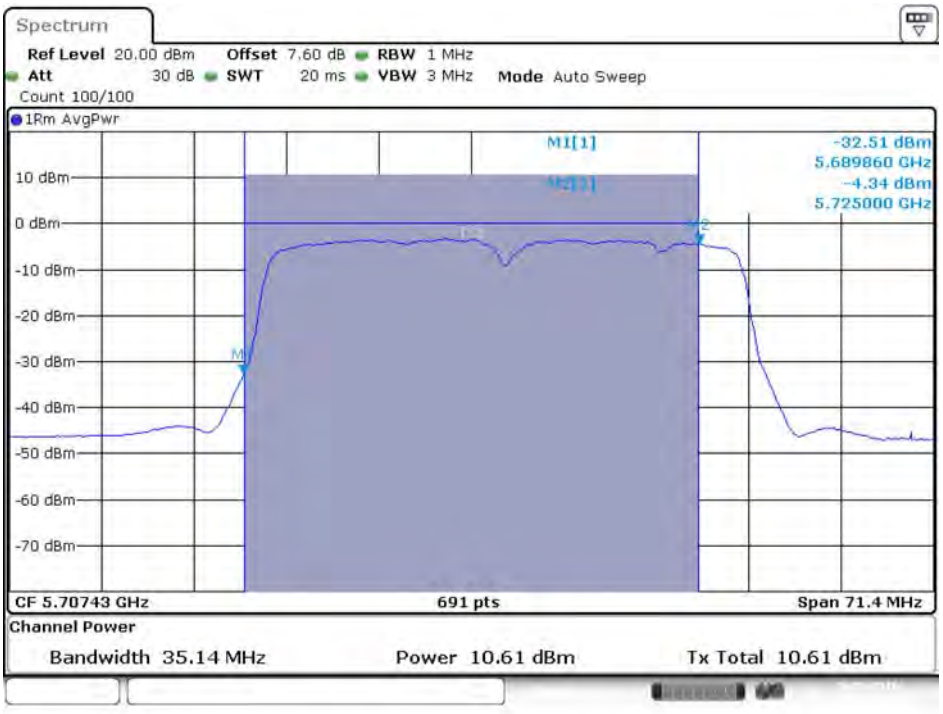
Date: 22.JUN.2016 04:18:33

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



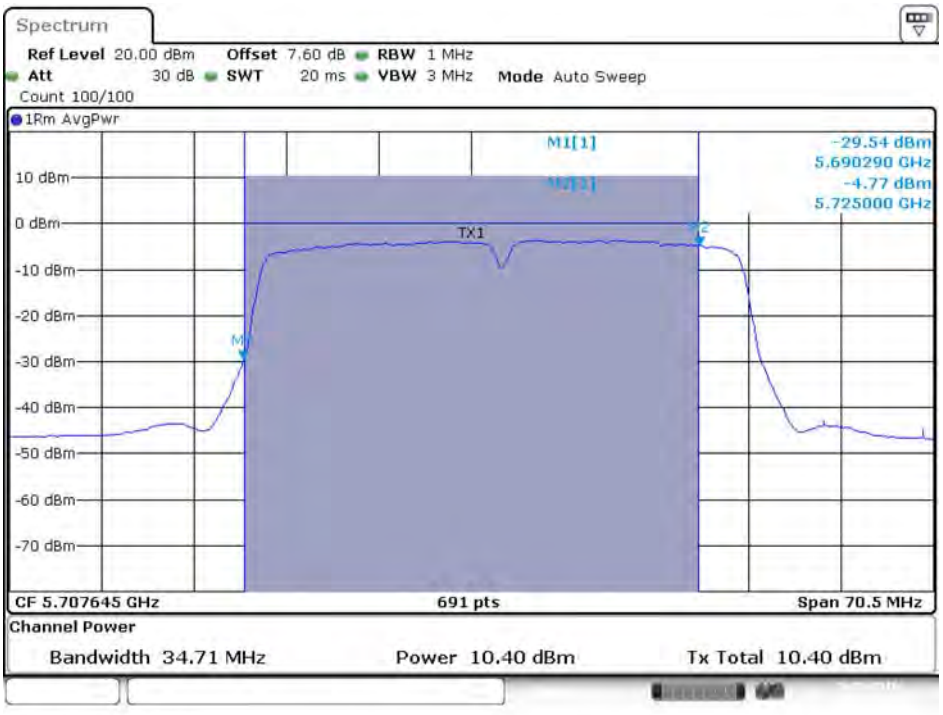
Date: 22.JUN.2016 04:21:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



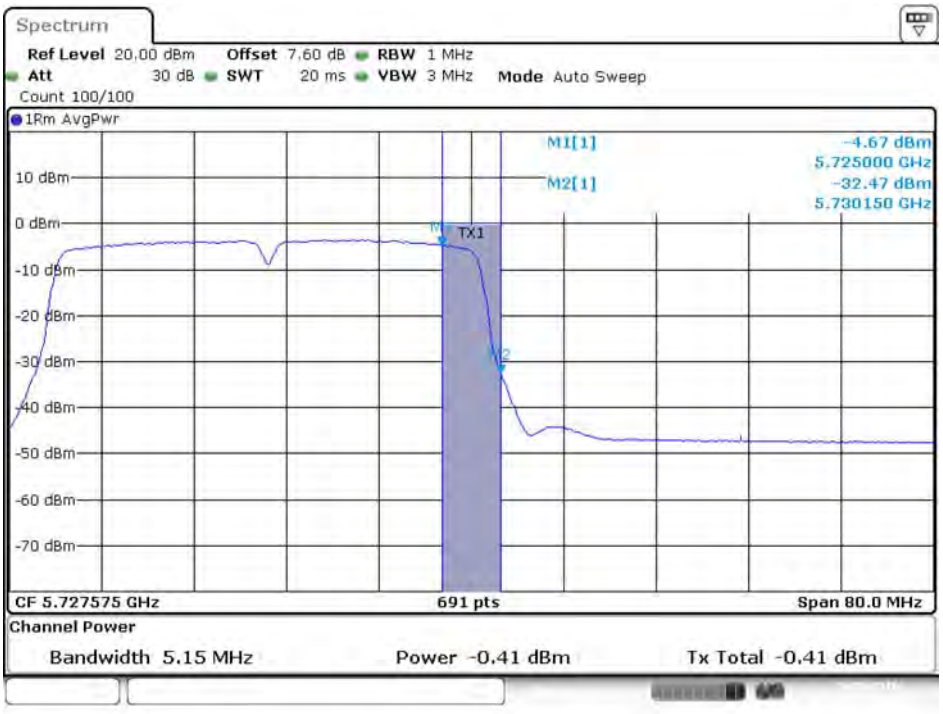
Date: 22.JUN.2016 04:24:21

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



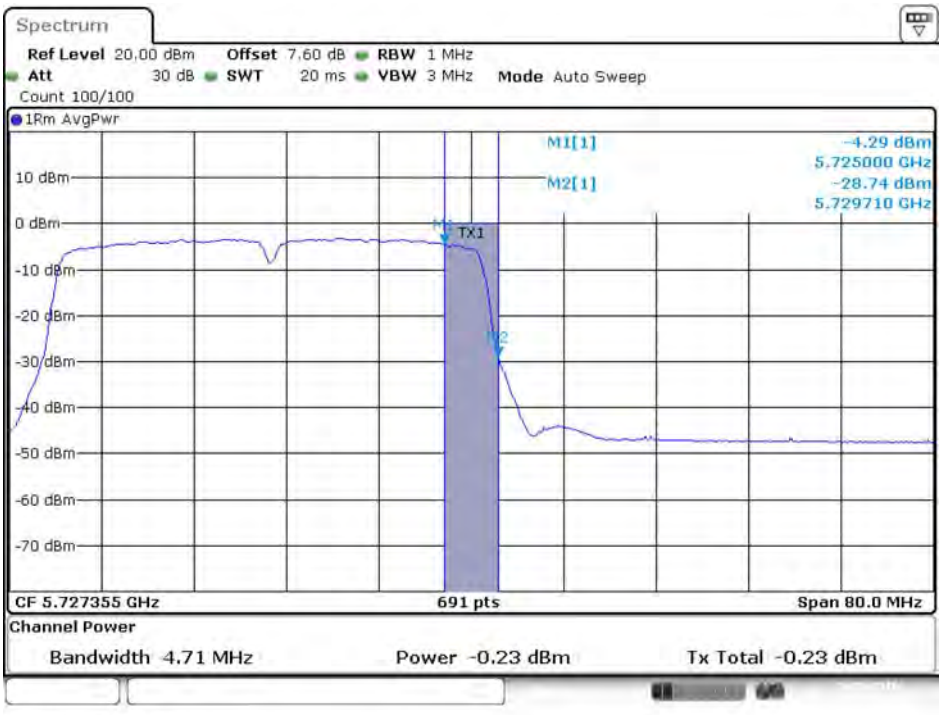
Date: 22.JUN.2016 04:27:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 / 5710 MHz (UNII 3)



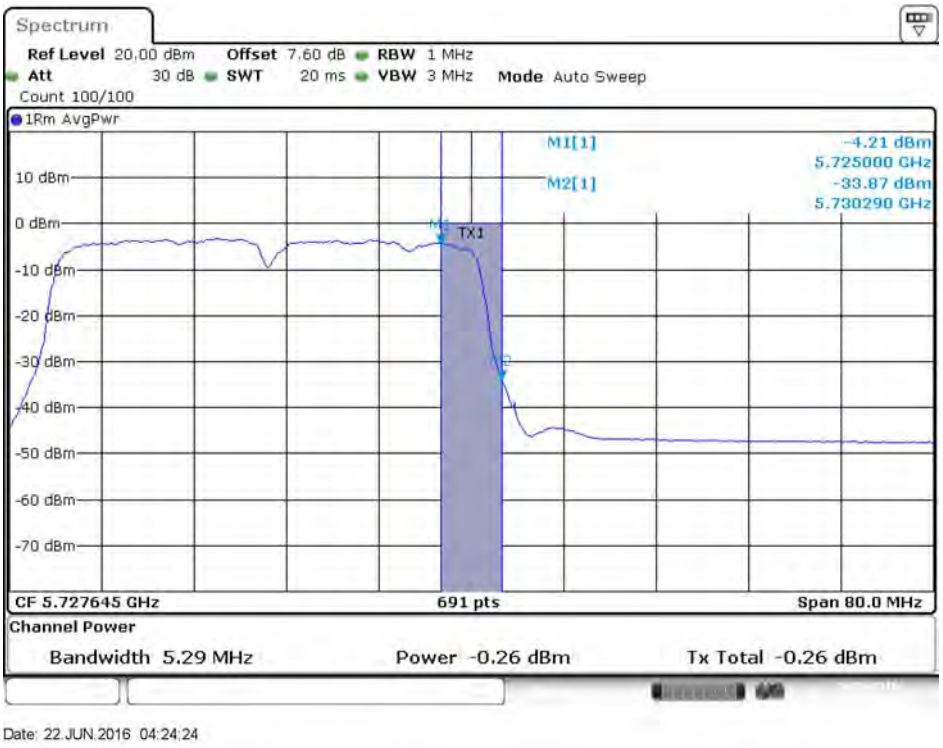
Date: 22.JUN.2016 04:18:36

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 2 / 5710 MHz (UNII 3)

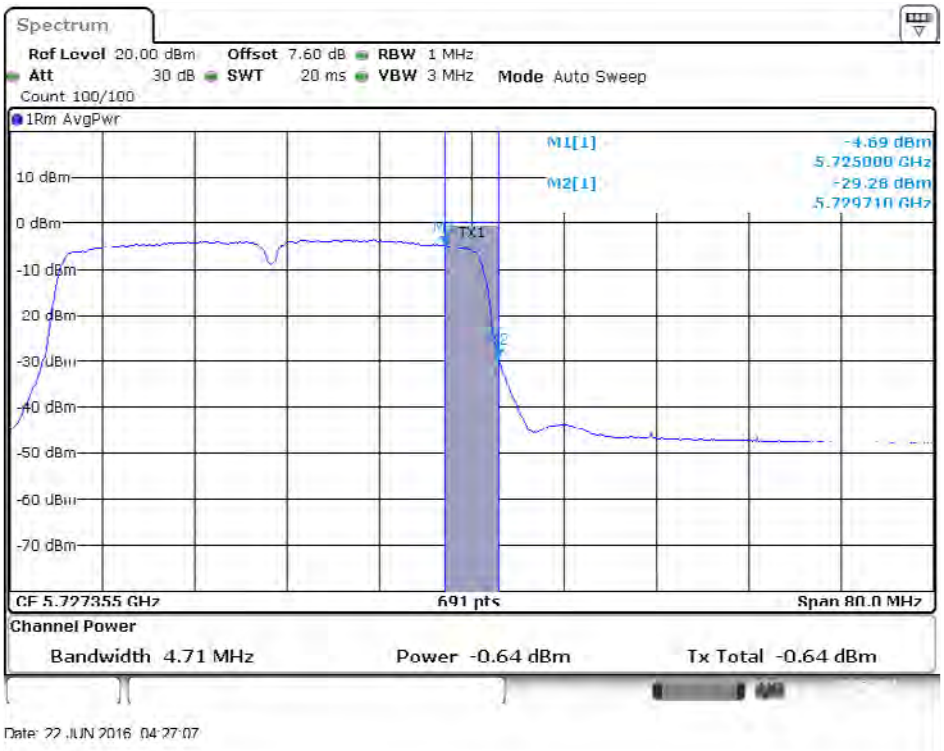


Date: 22.JUN.2016 04:21:11

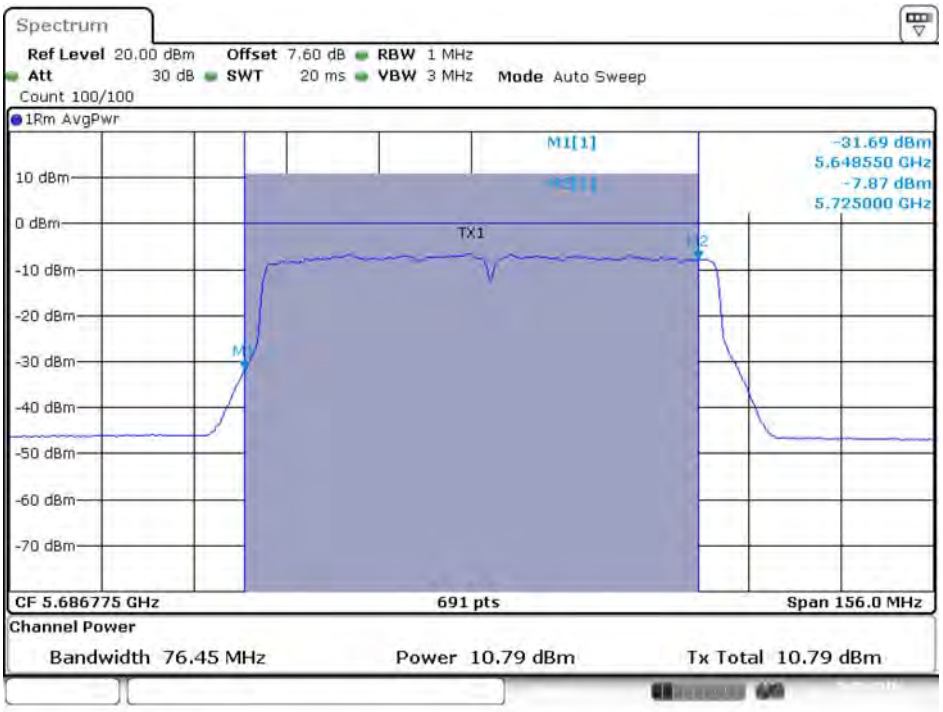
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 3 / 5710 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 4 / 5710 MHz (UNII 3)

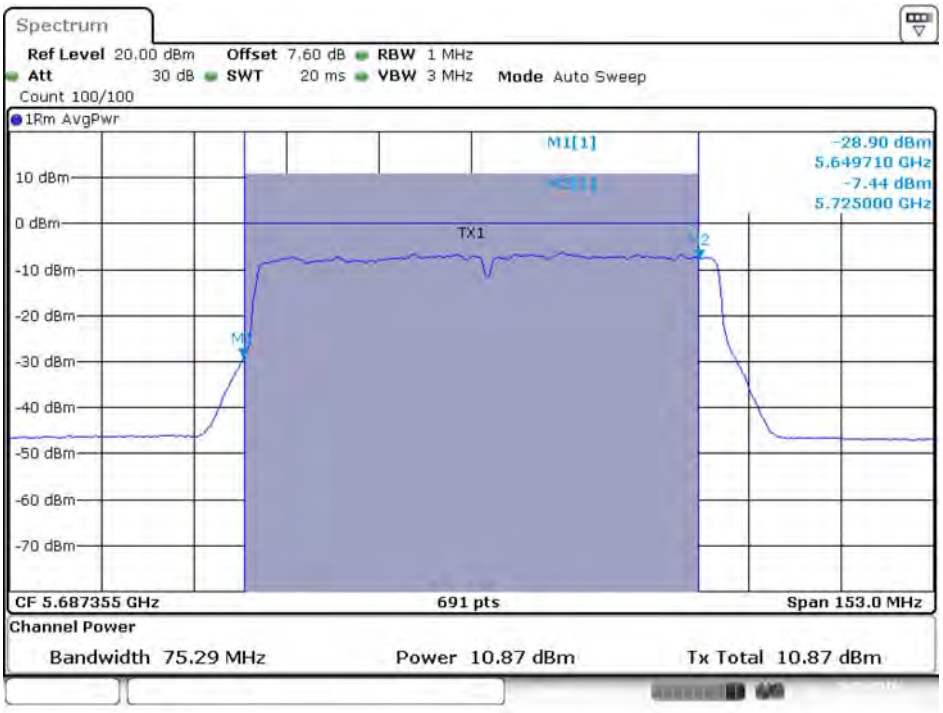


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



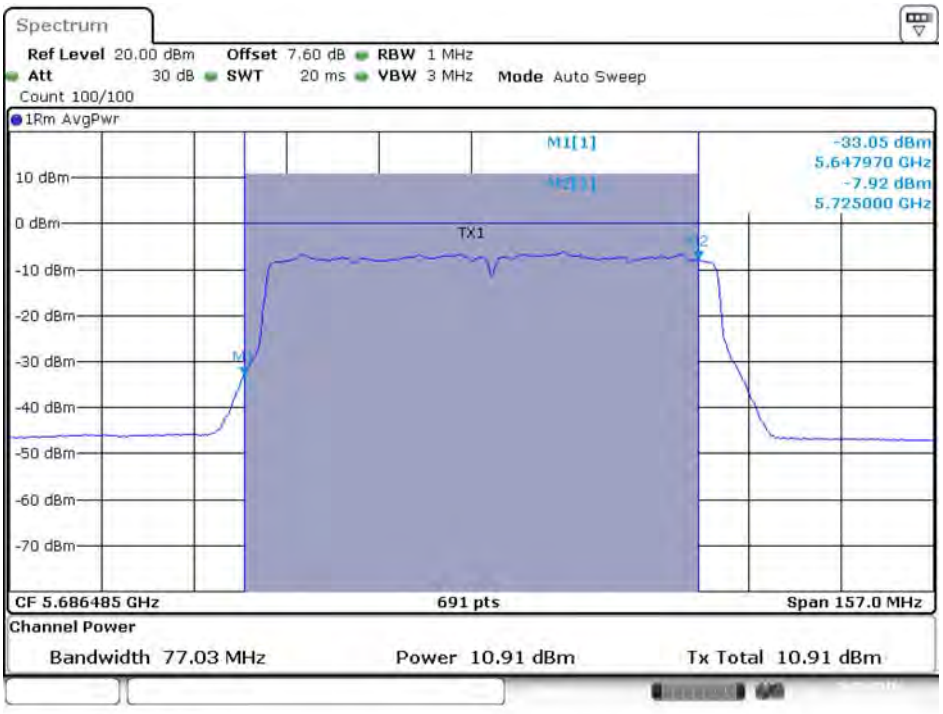
Date: 22.JUN.2016 06:02:07

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



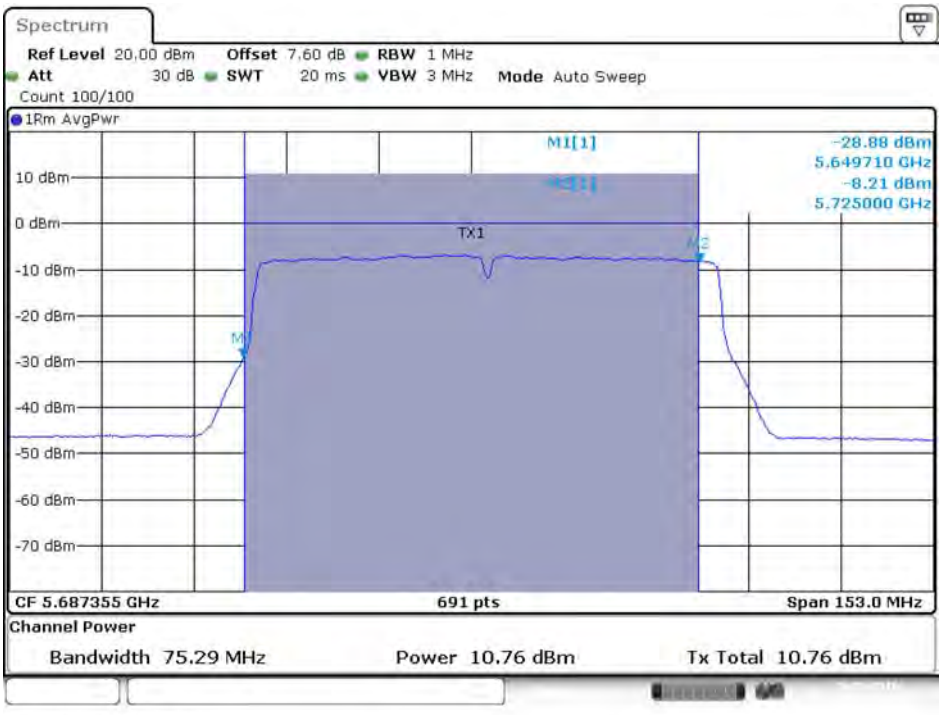
Date: 22.JUN.2016 05:58:08

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



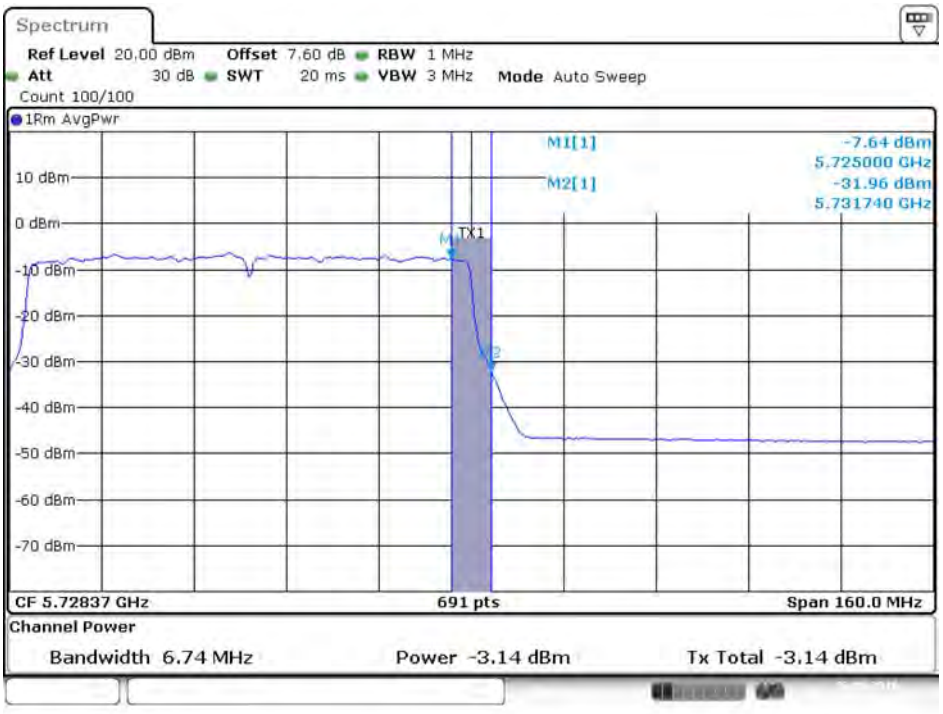
Date: 22.JUN.2016 05:55:47

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



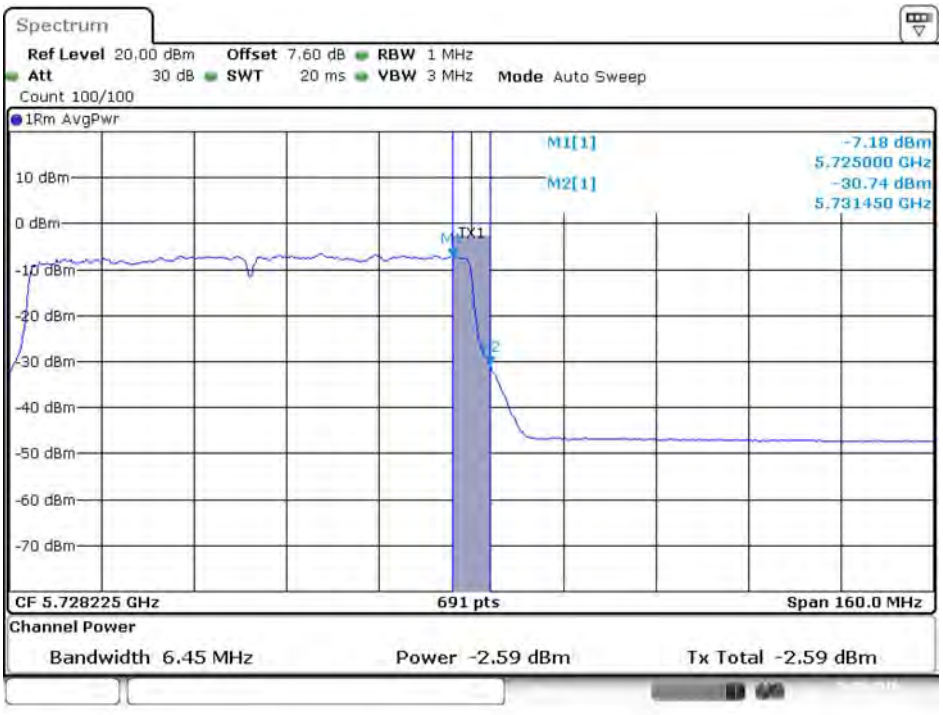
Date: 22.JUN.2016 05:49:59

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 / 5690 MHz (UNII 3)



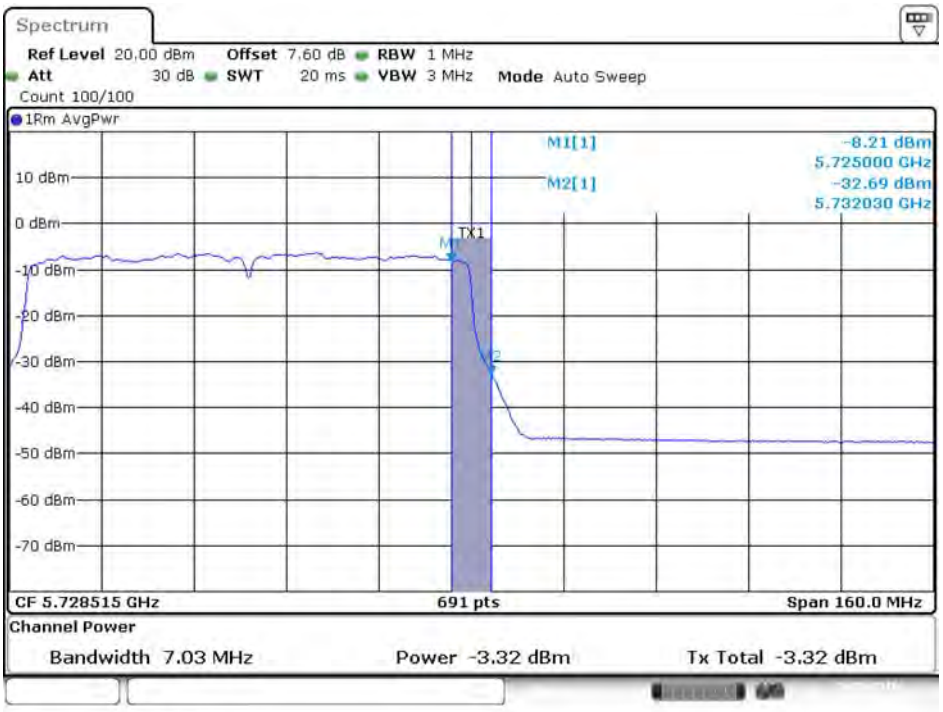
Date: 22.JUN.2016 06:02:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 2 / 5690 MHz (UNII 3)



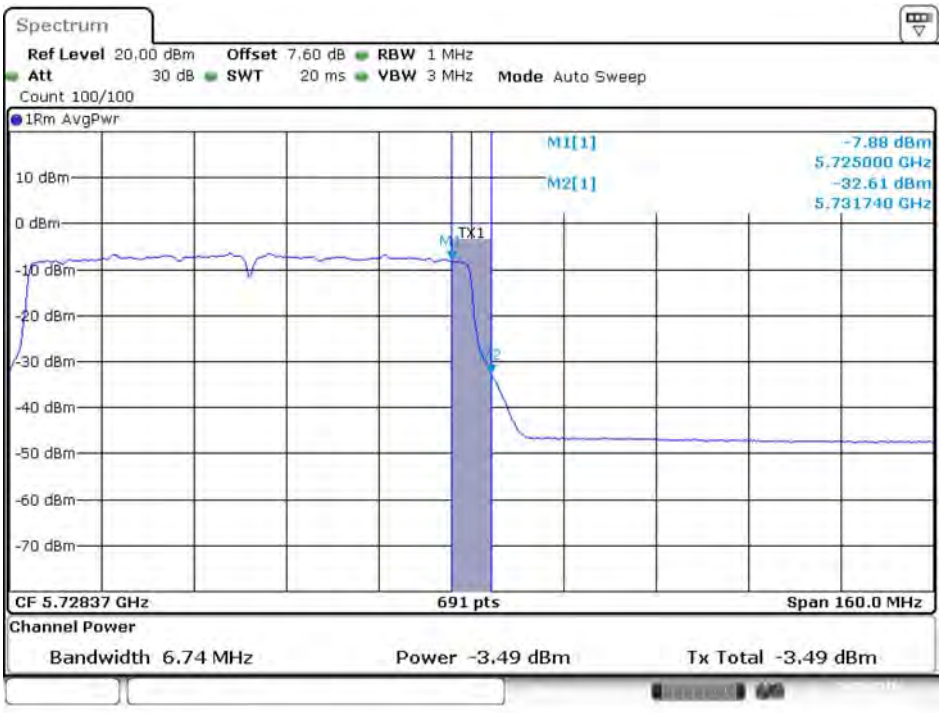
Date: 22.JUN.2016 05:58:11

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 3 / 5690 MHz (UNII 3)



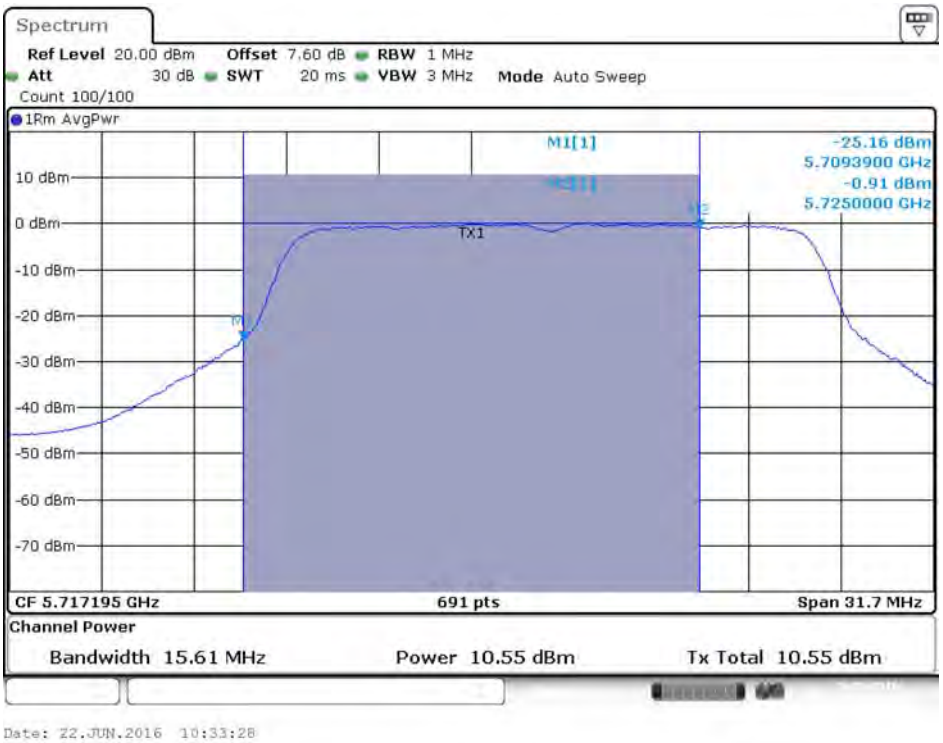
Date: 22.JUN.2016 05:55:50

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 4 / 5690 MHz (UNII 3)



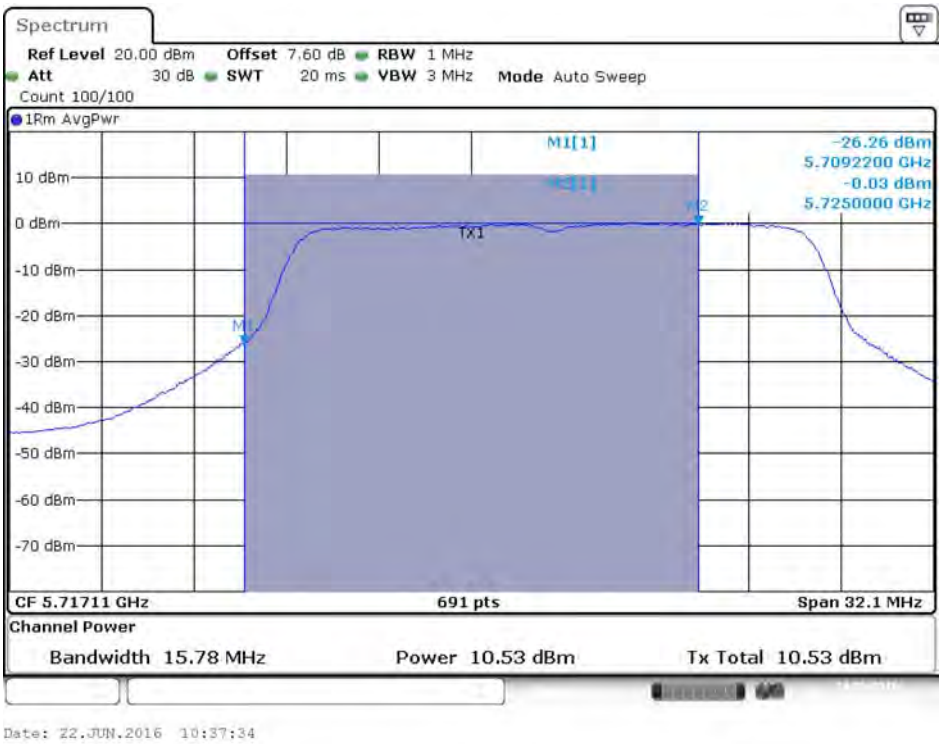
Date: 22.JUN.2016 05:50:03

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



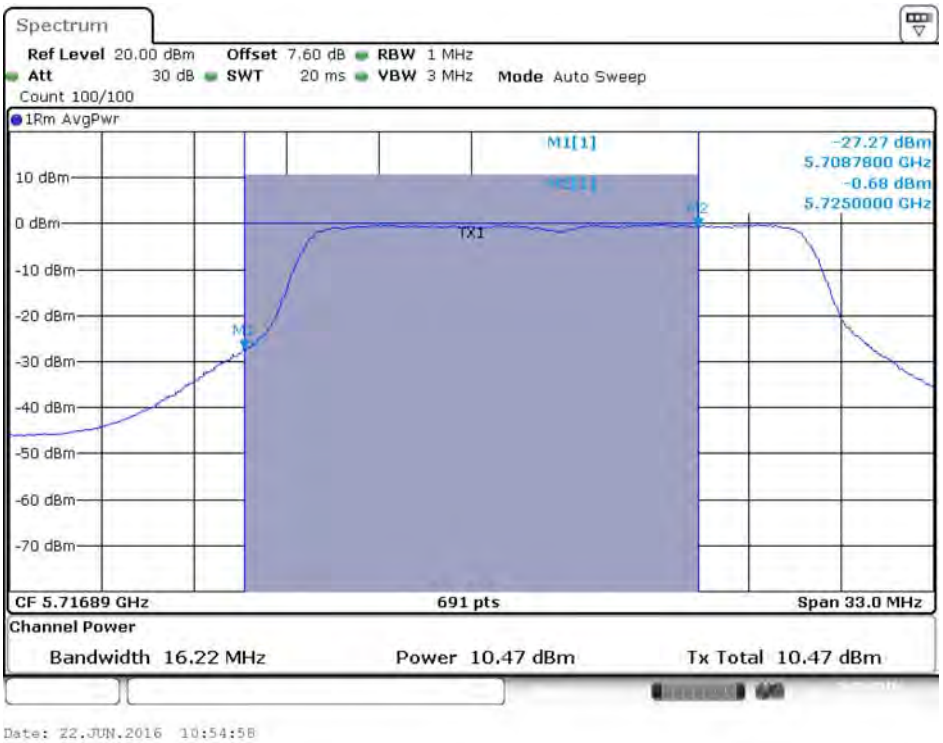
Date: 22.JUN.2016 10:33:28

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



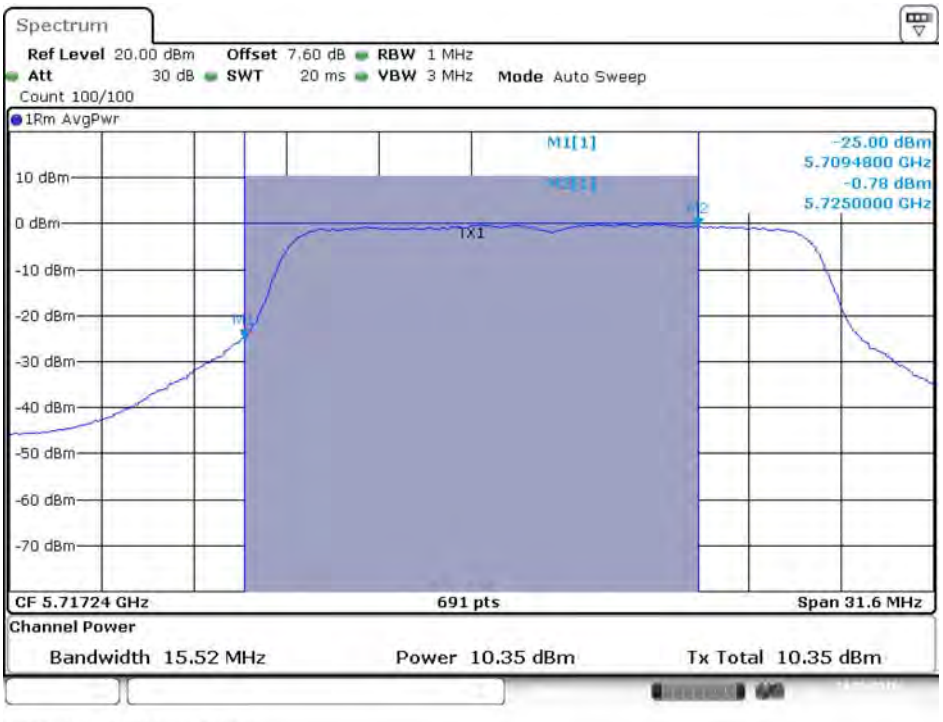
Date: 22.JUN.2016 10:37:34

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 3 / 5720 MHz (UNII 2C)



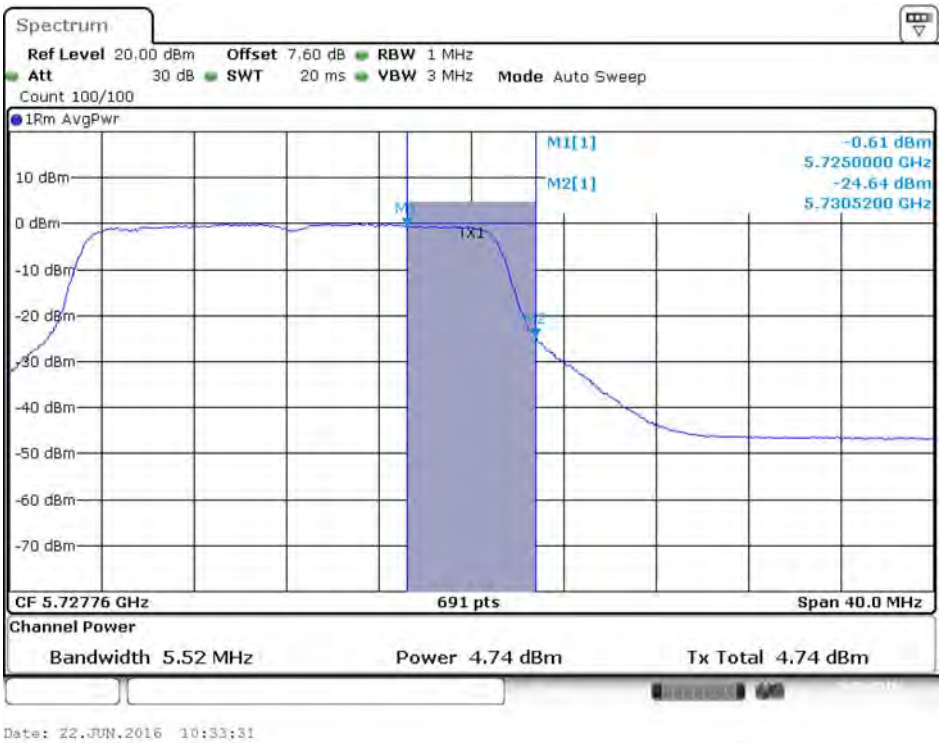
Date: 22.JUN.2016 10:54:58

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 4 / 5720 MHz (UNII 2C)

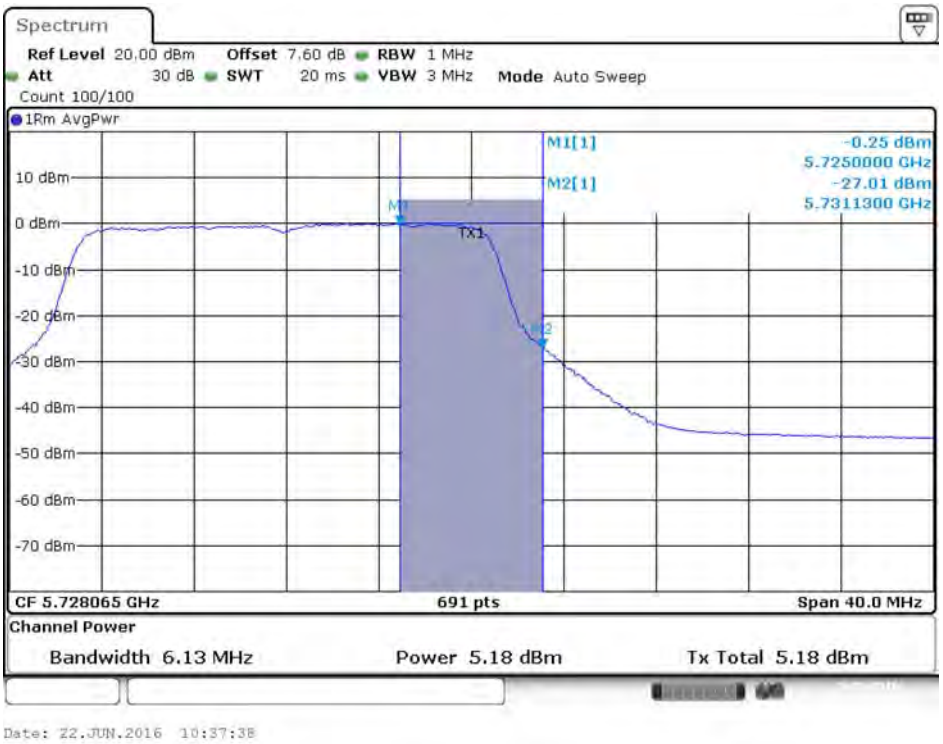


Date: 22.JUN.2016 11:02:00

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 / 5720 MHz (UNII 3)

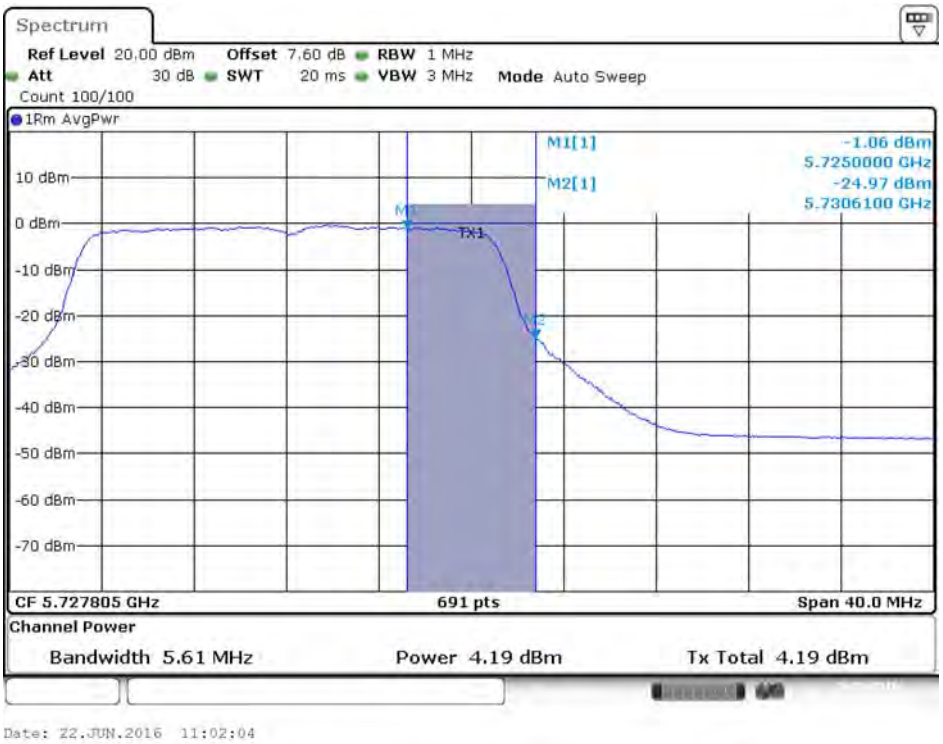


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 2 / 5720 MHz (UNII 3)

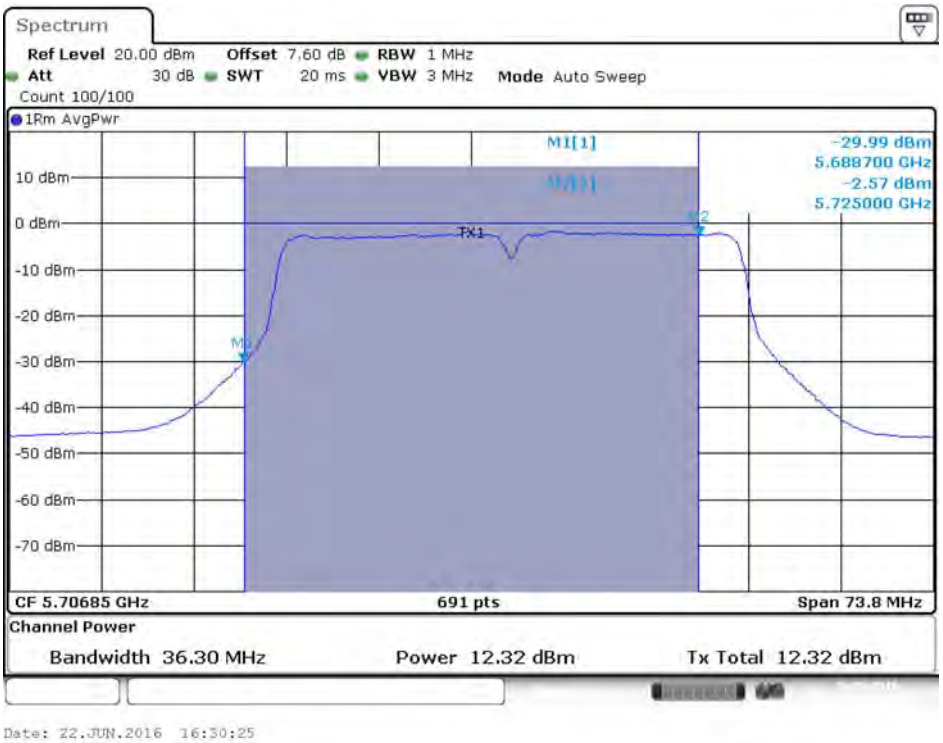


Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 3 / 5720 MHz (UNII 3)

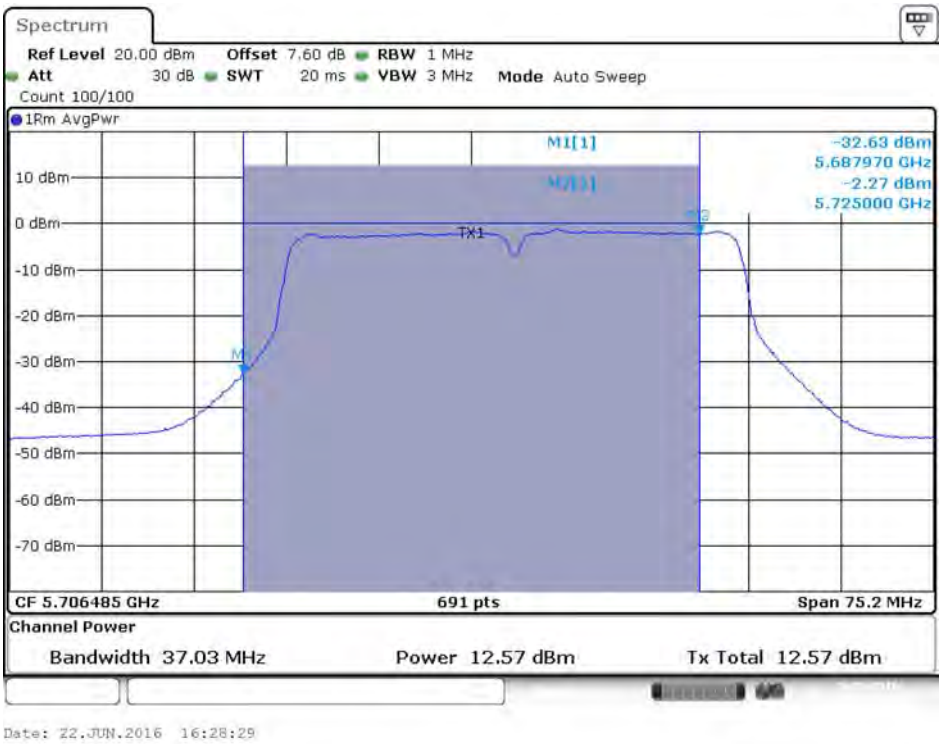
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 4 / 5720 MHz (UNII 3)



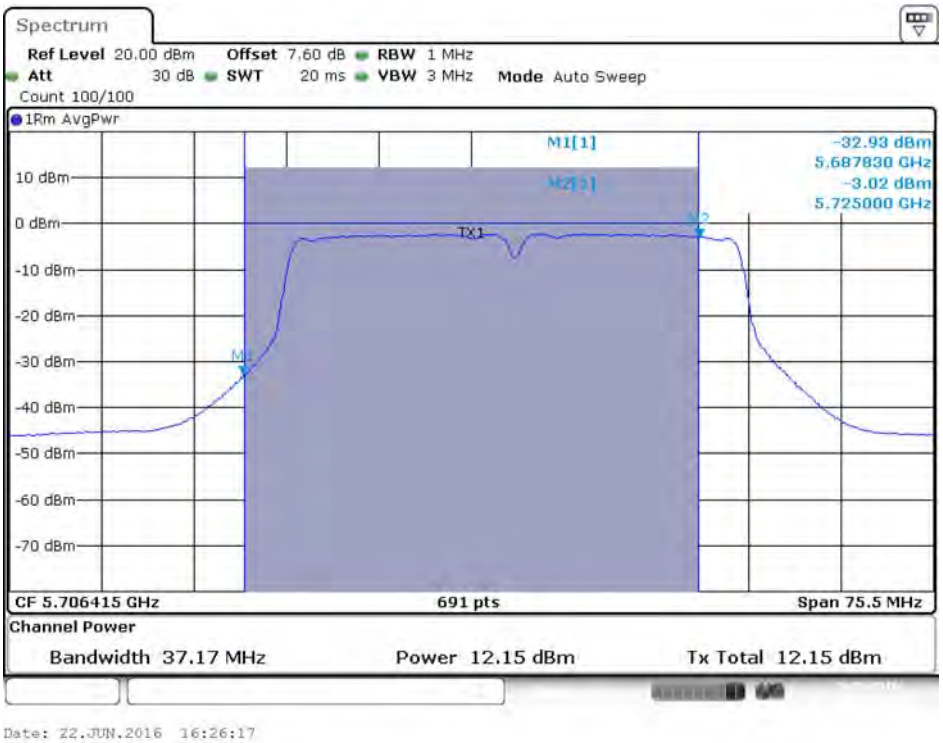
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



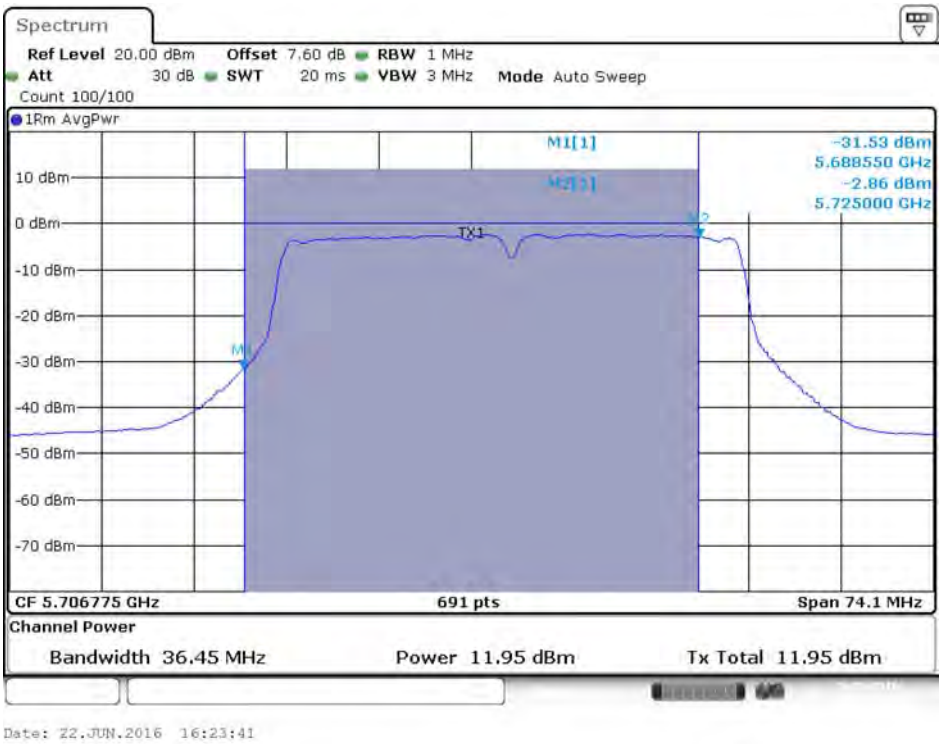
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



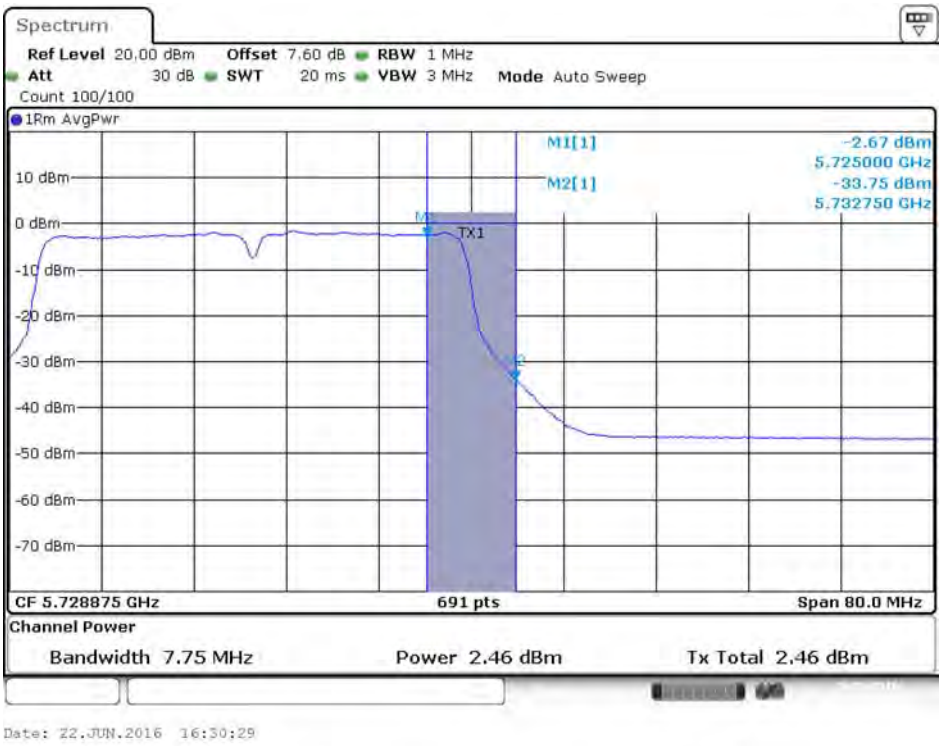
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 3 / 5710 MHz (UNII 2C)



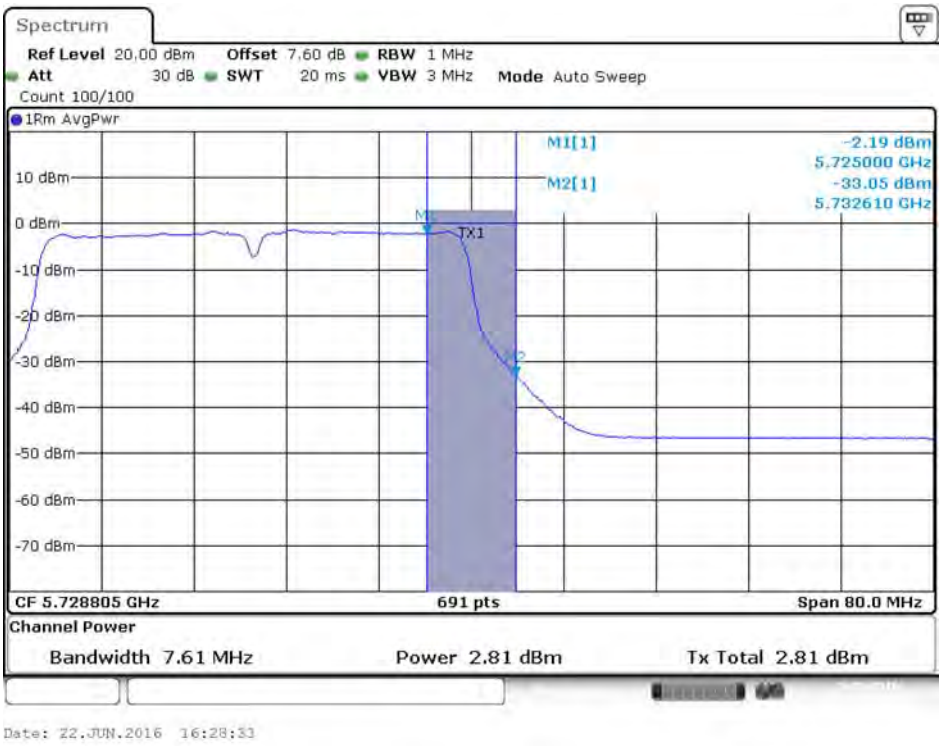
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 4 / 5710 MHz (UNII 2C)



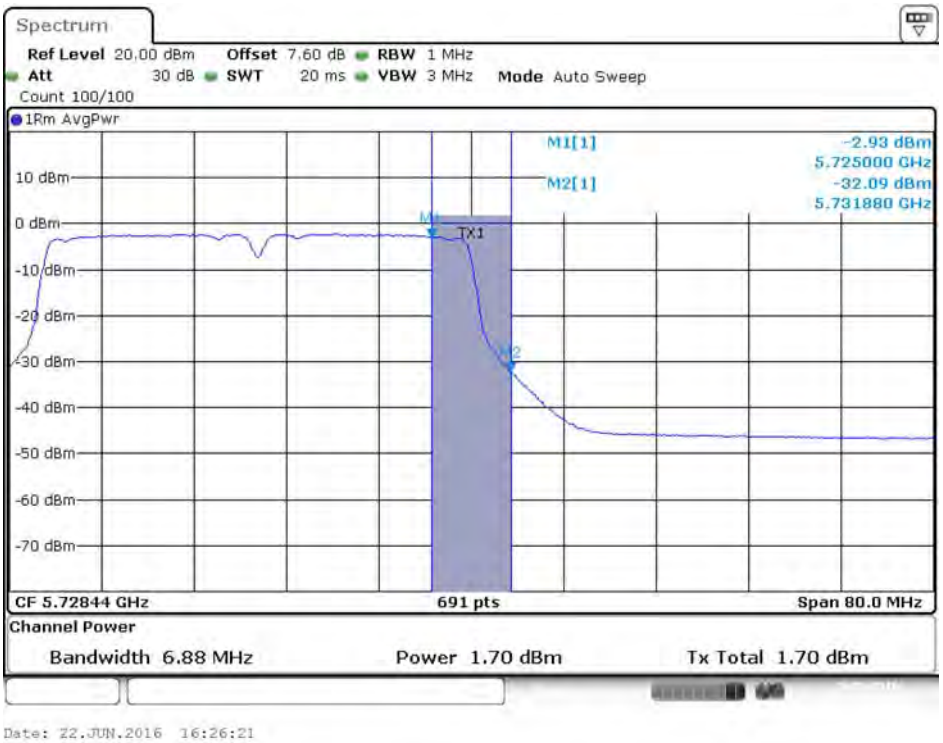
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 / 5710 MHz (UNII 3)



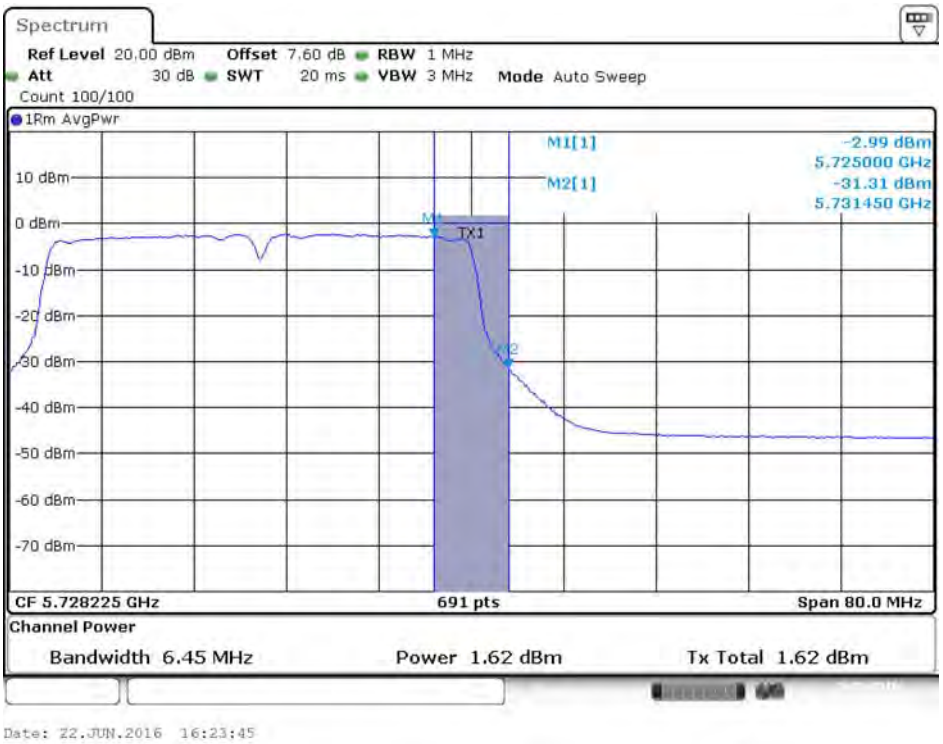
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 2 / 5710 MHz (UNII 3)



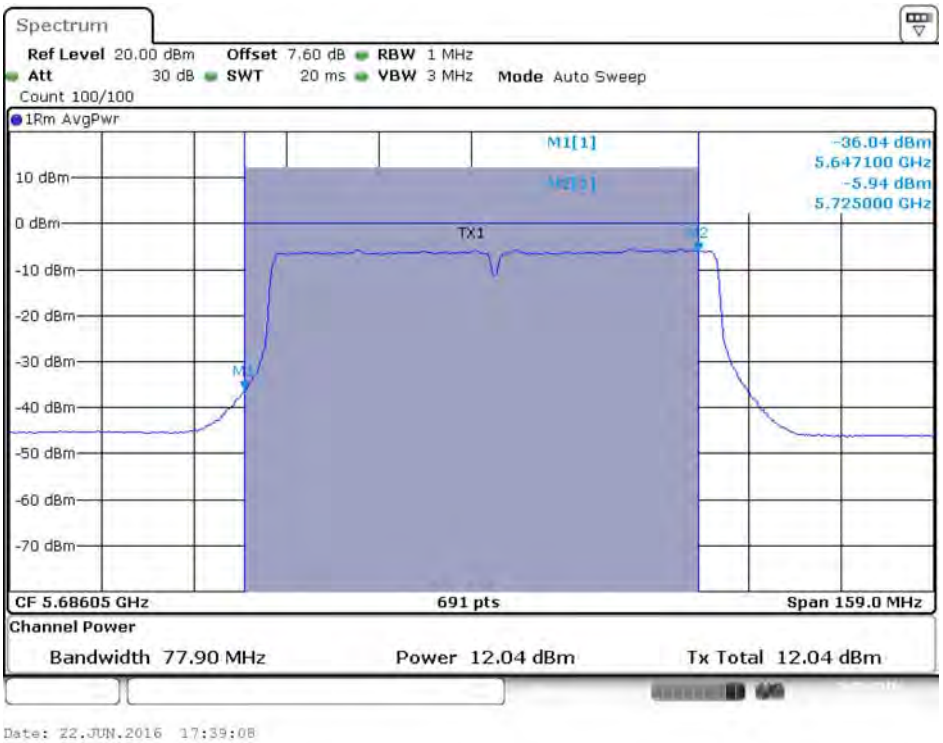
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 3 / 5710 MHz (UNII 3)



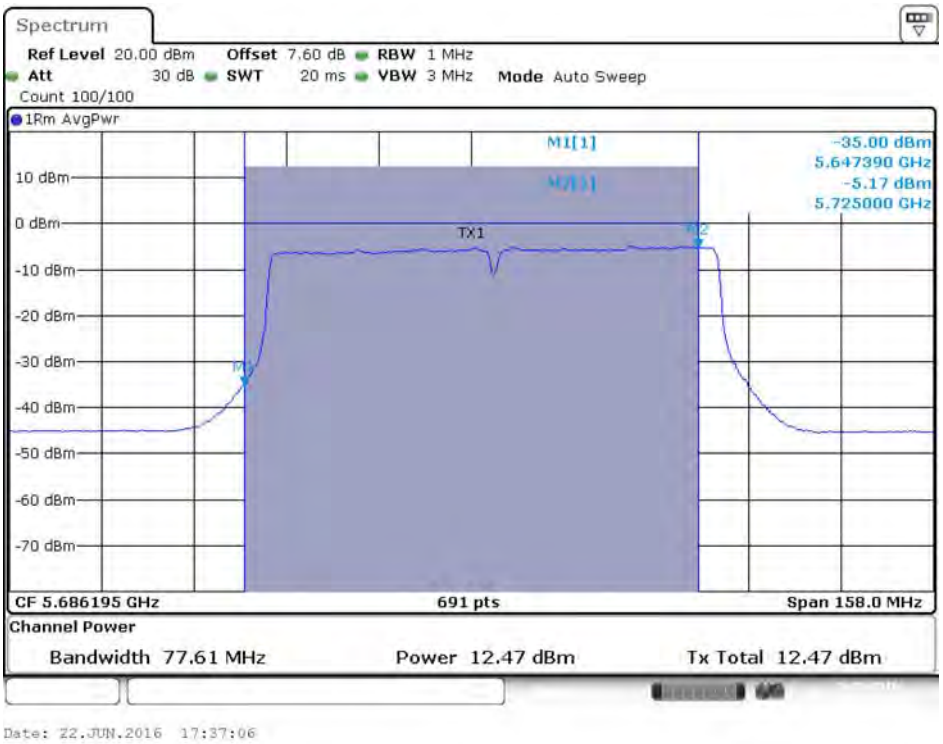
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 4 / 5710 MHz (UNII 3)



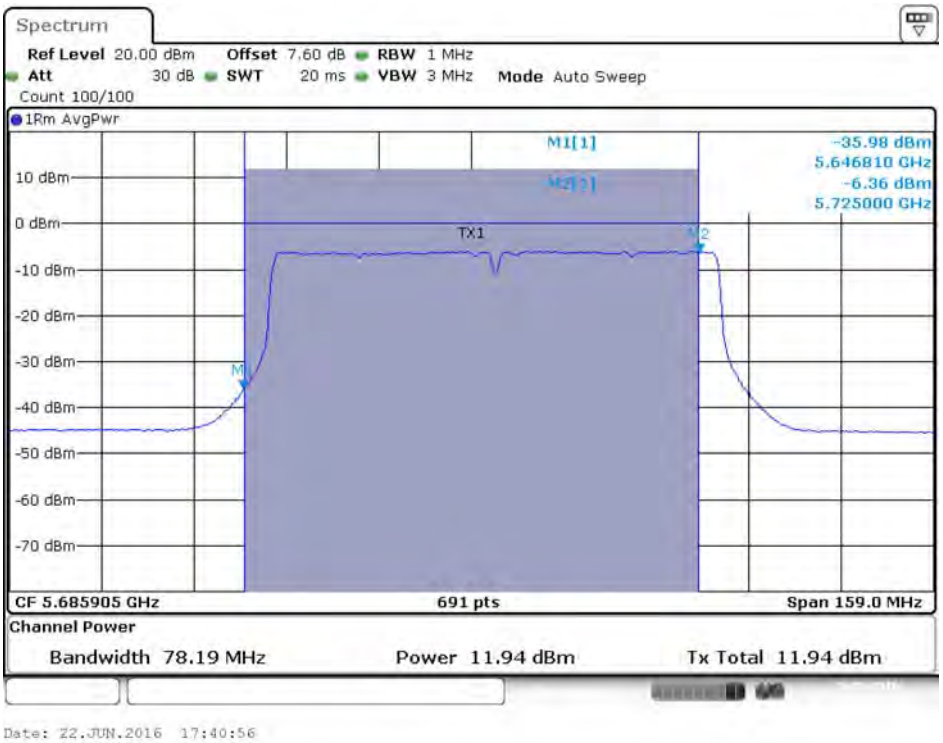
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 / 5690 MHz (UNII 2C)



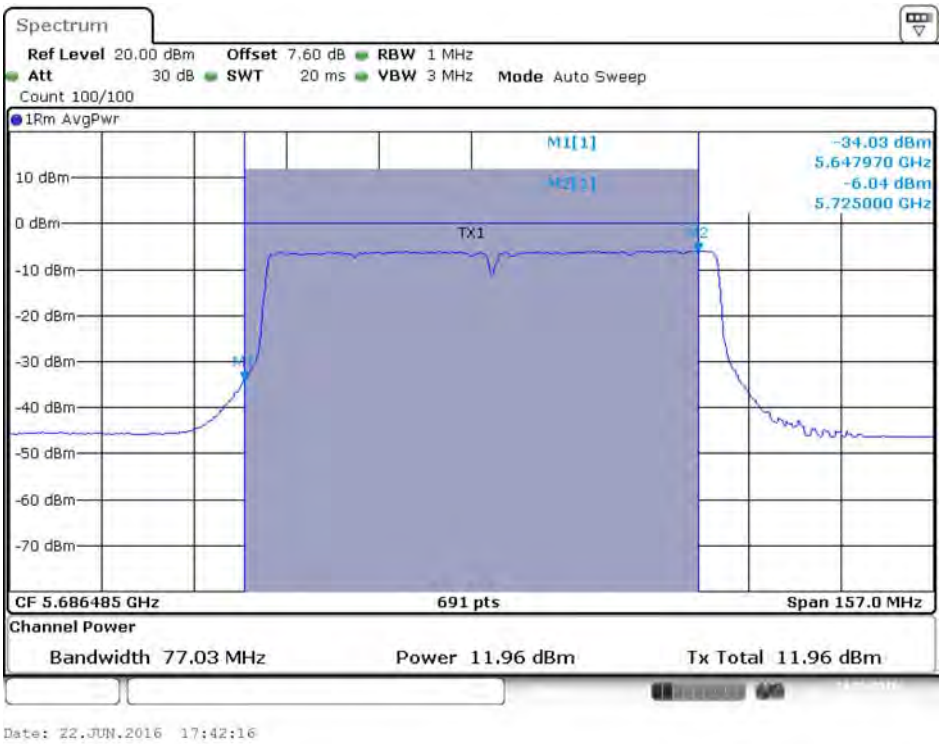
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 2 / 5690 MHz (UNII 2C)



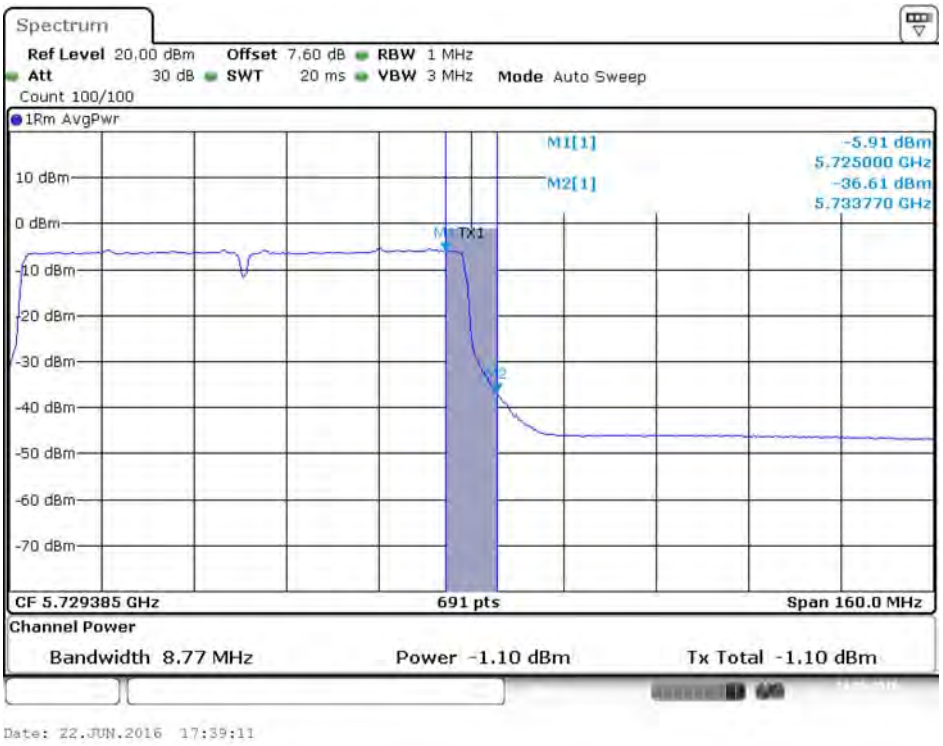
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 3 / 5690 MHz (UNII 2C)



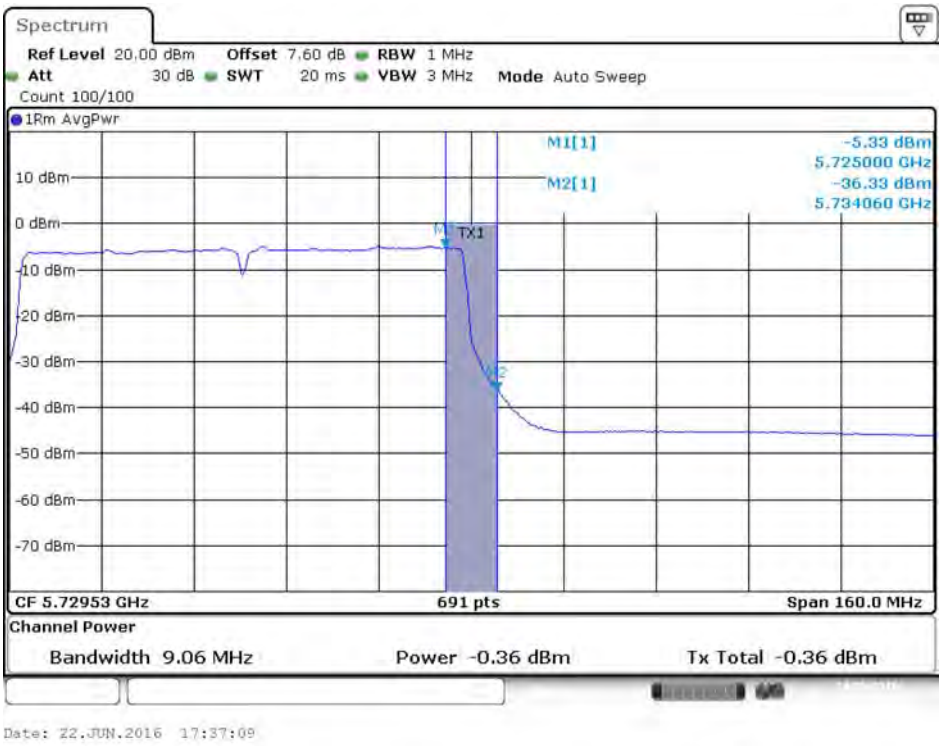
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 4 / 5690 MHz (UNII 2C)



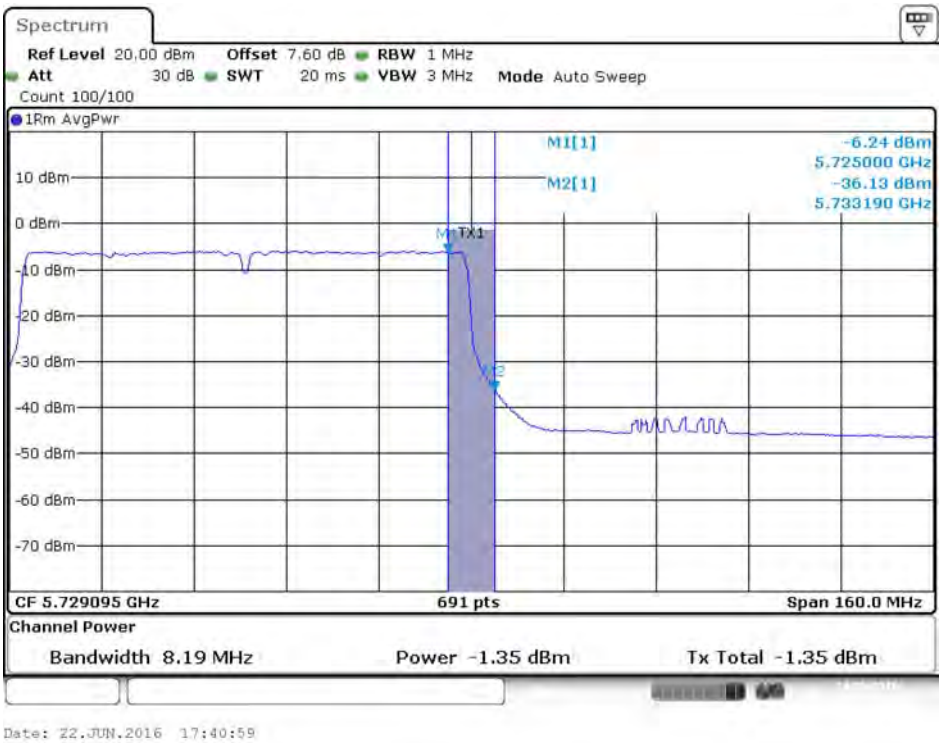
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 / 5690 MHz (UNII 3)



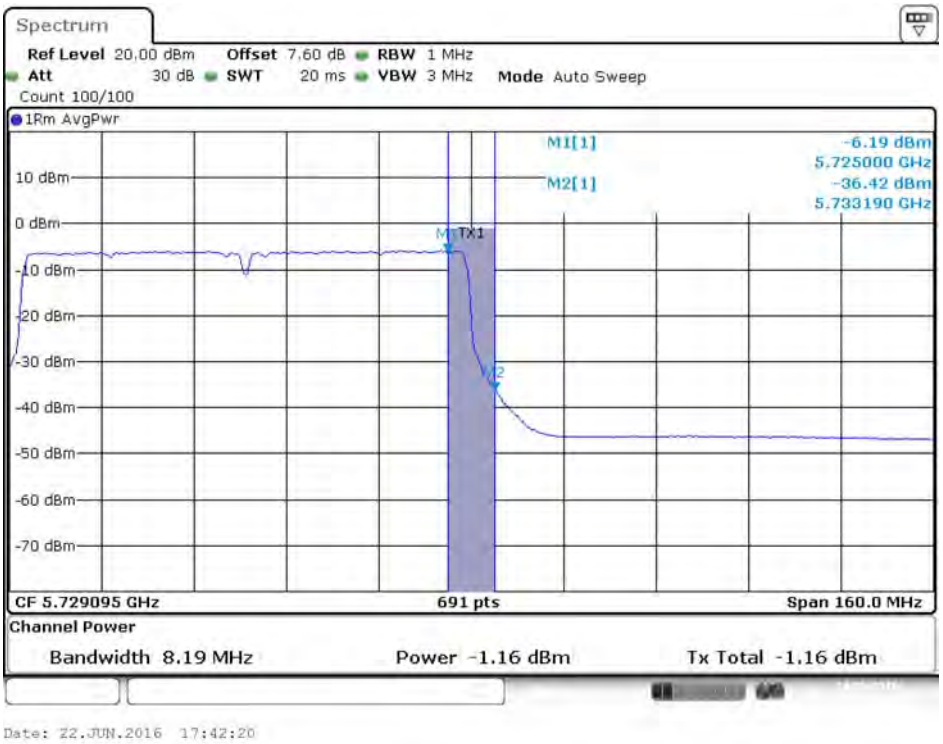
Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 2 / 5690 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 3 / 5690 MHz (UNII 3)



Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 4 / 5690 MHz (UNII 3)

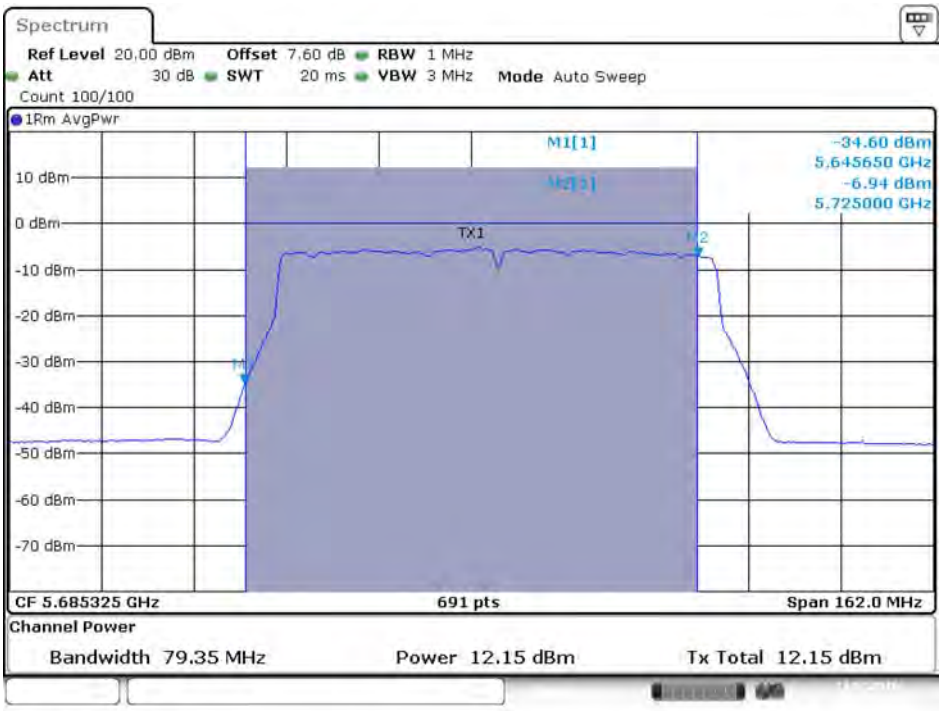


802.11ac MCS0/Nss2 VHT80+80

Straddle Channel

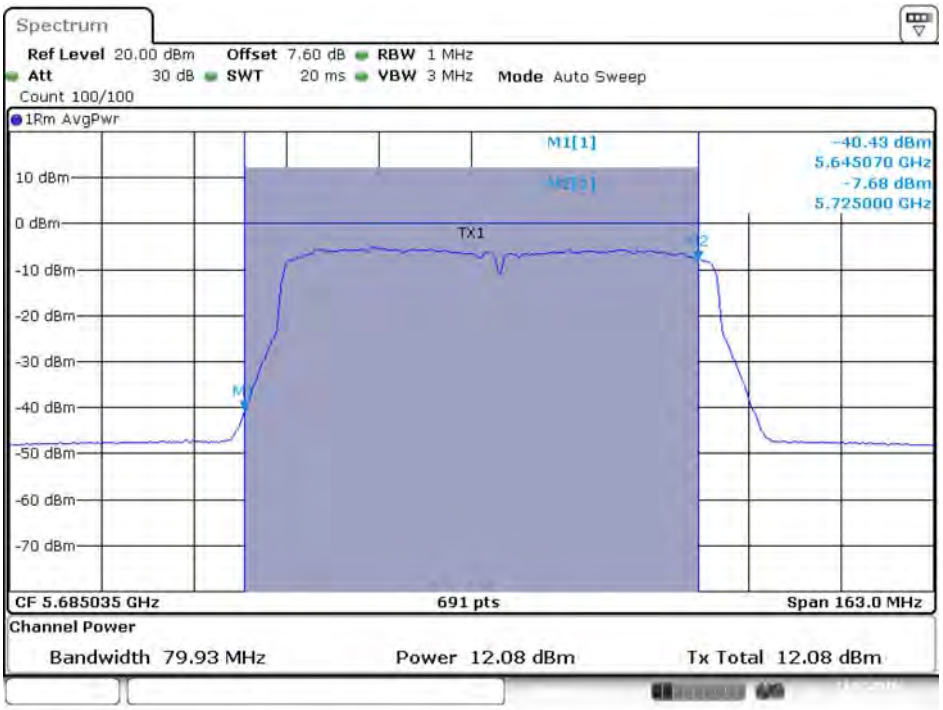
Type 3

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



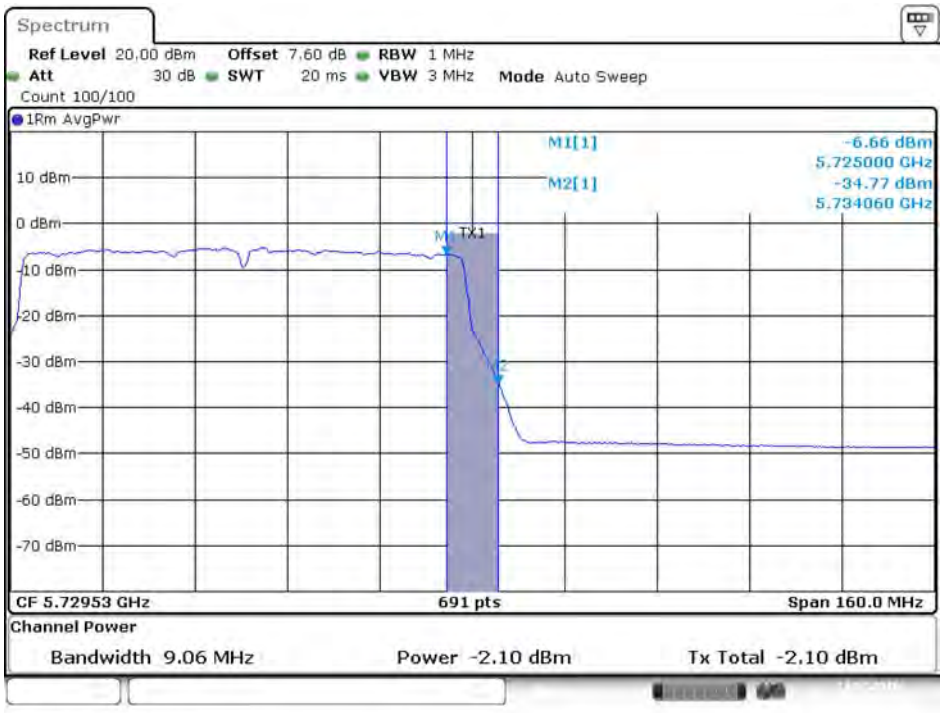
Date: 17.JUL.2016 13:26:12

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



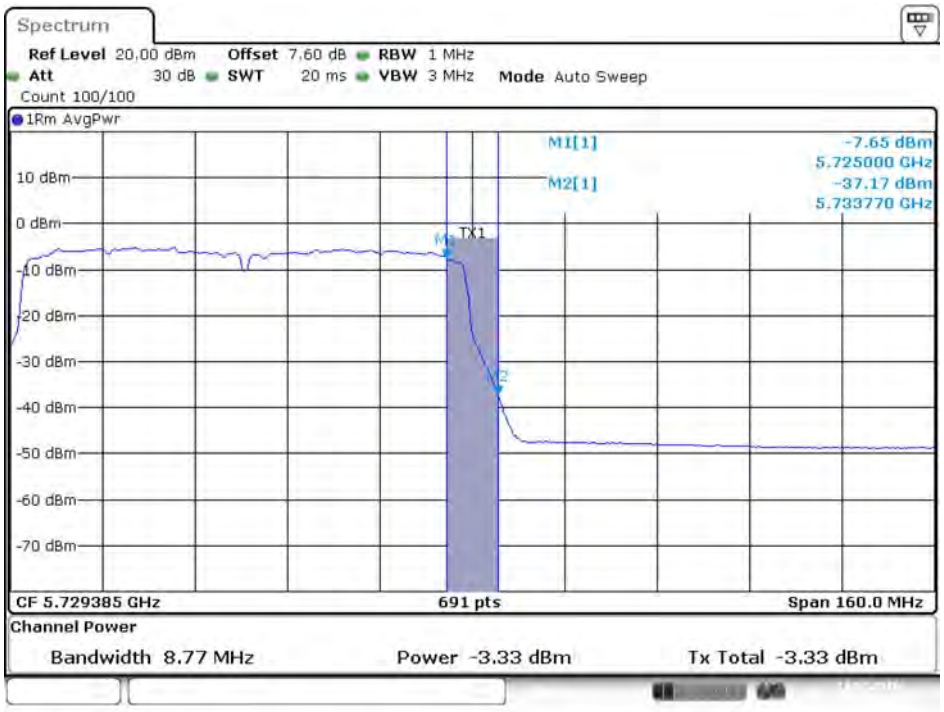
Date: 17.JUL.2016 13:24:25

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 13:26:15

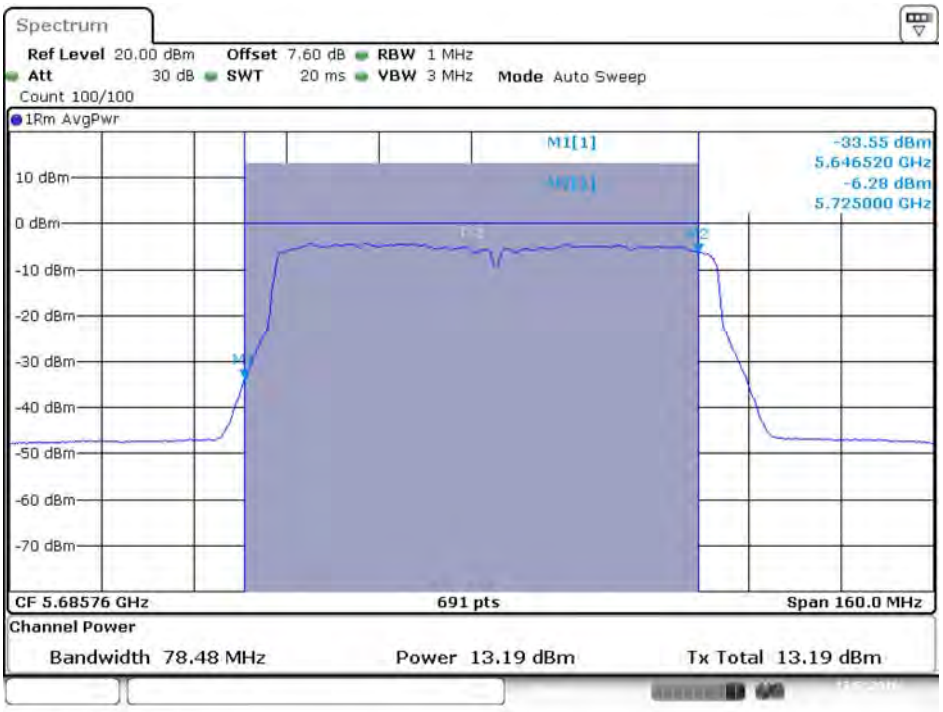
Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 13:24:29

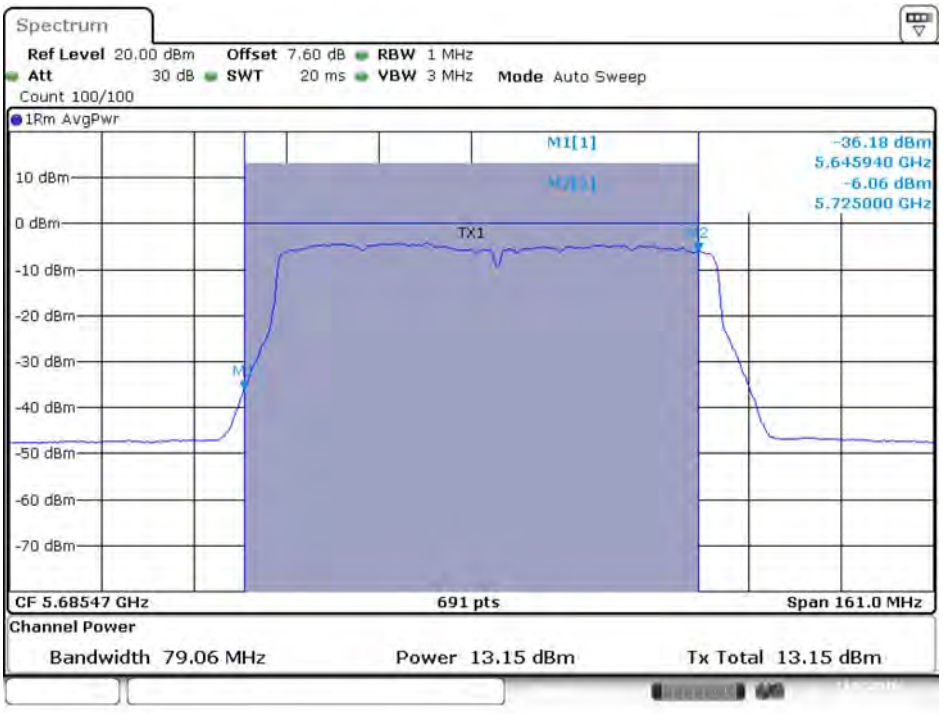
Type 6

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



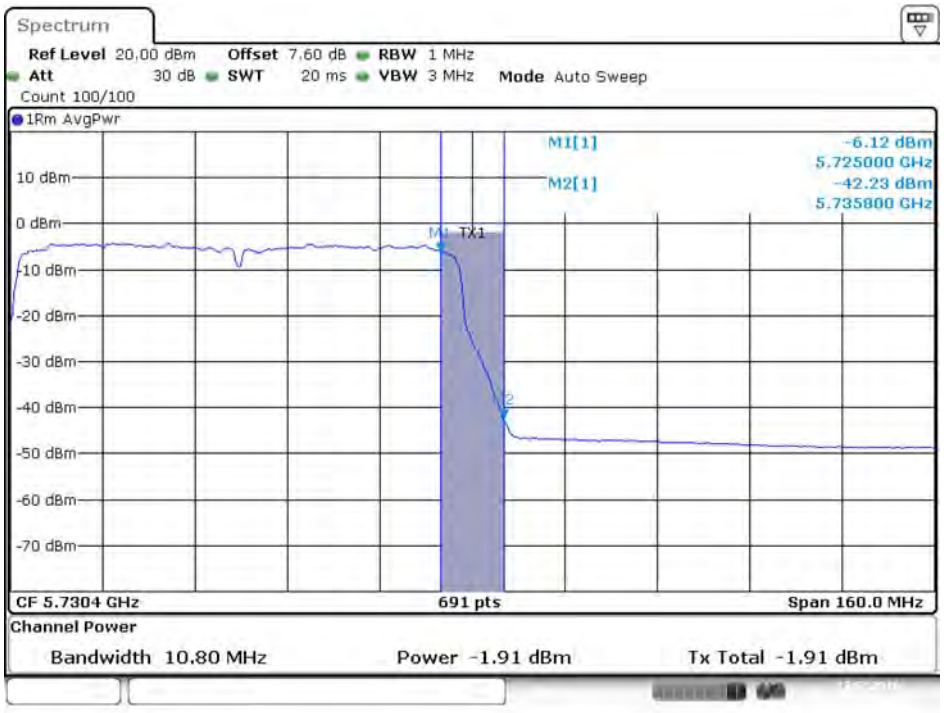
Date: 17.JUL.2016 14:50:39

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



Date: 17.JUL.2016 14:48:58

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



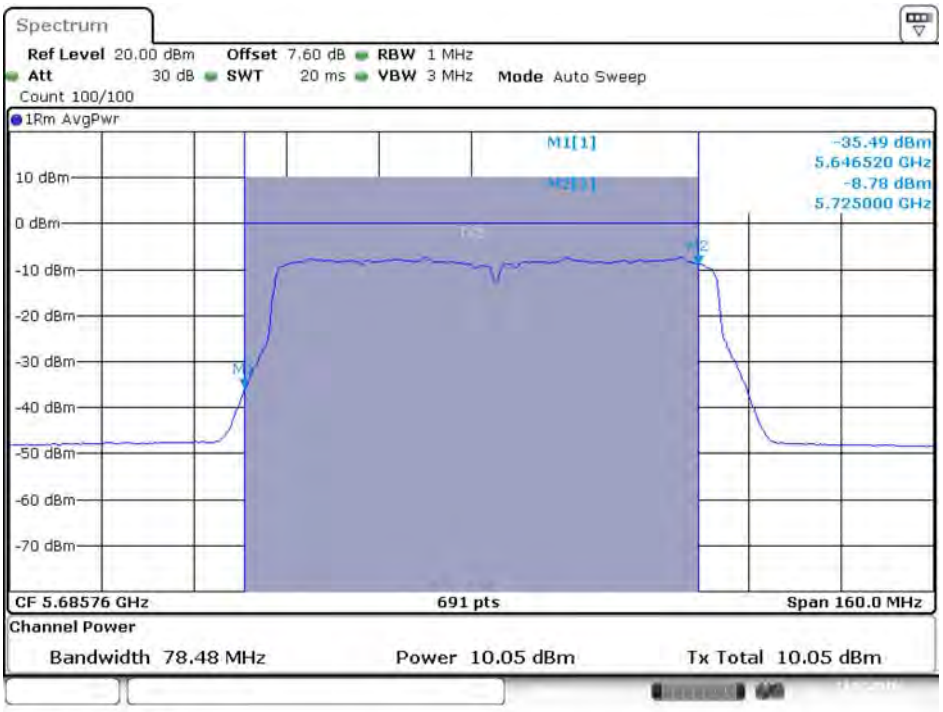
Date: 17.JUL.2016 14:50:43

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)

Date: 17.JUL.2016 14:49:01

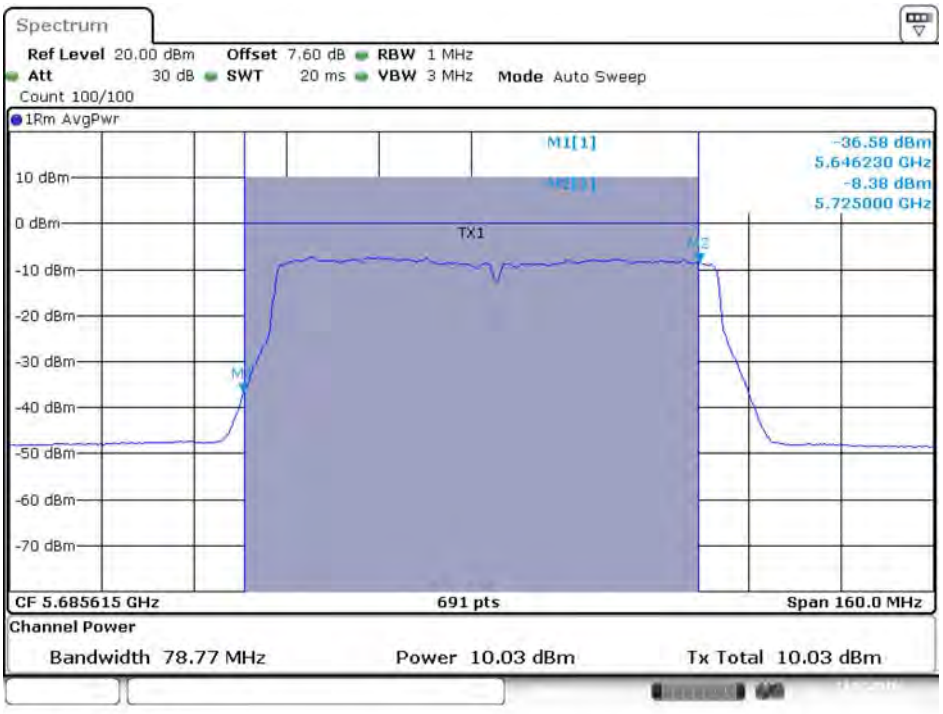
Type 8

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 2C)



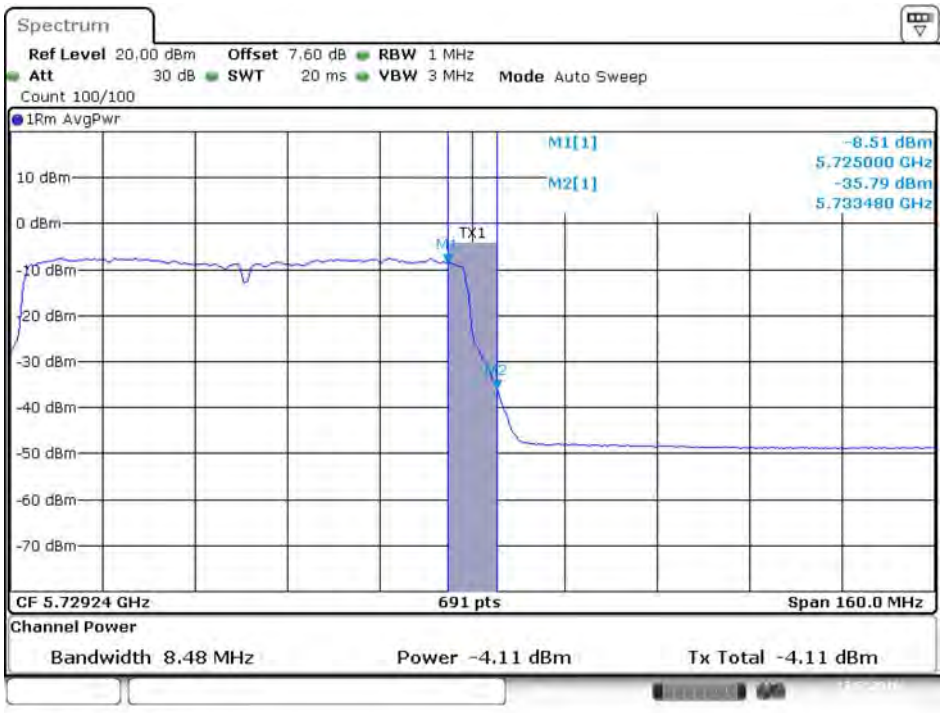
Date: 17.JUL.2016 16:17:14

Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 2C)



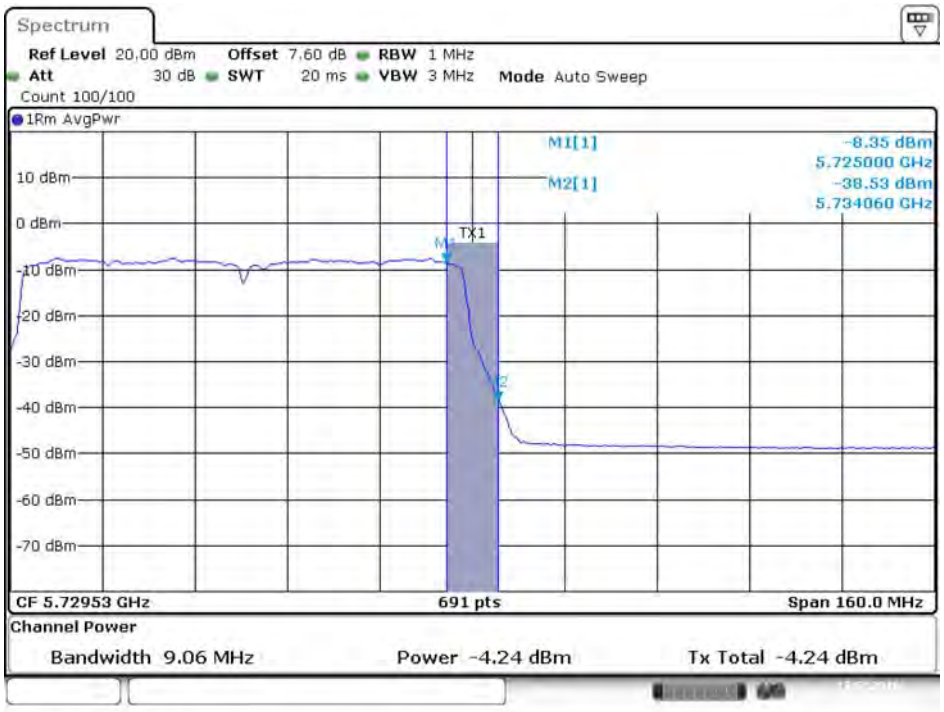
Date: 17.JUL.2016 16:12:30

Conducted Output Power Plot on Chain 3 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 16:17:18

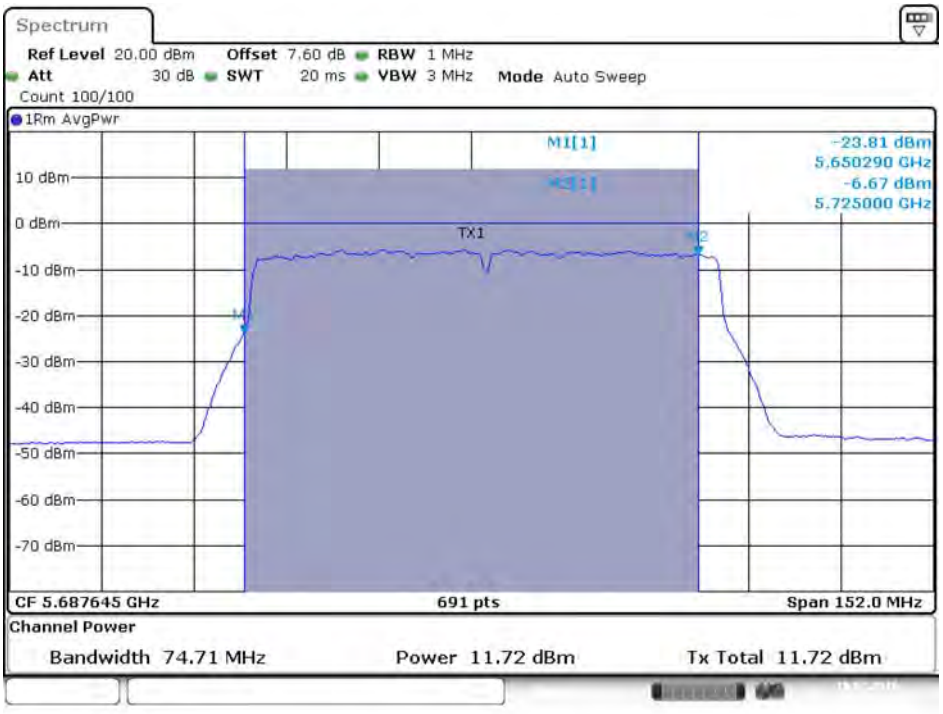
Conducted Output Power Plot on Chain 4 / 5690 MHz (UNII 3)



Date: 17.JUL.2016 16:12:33

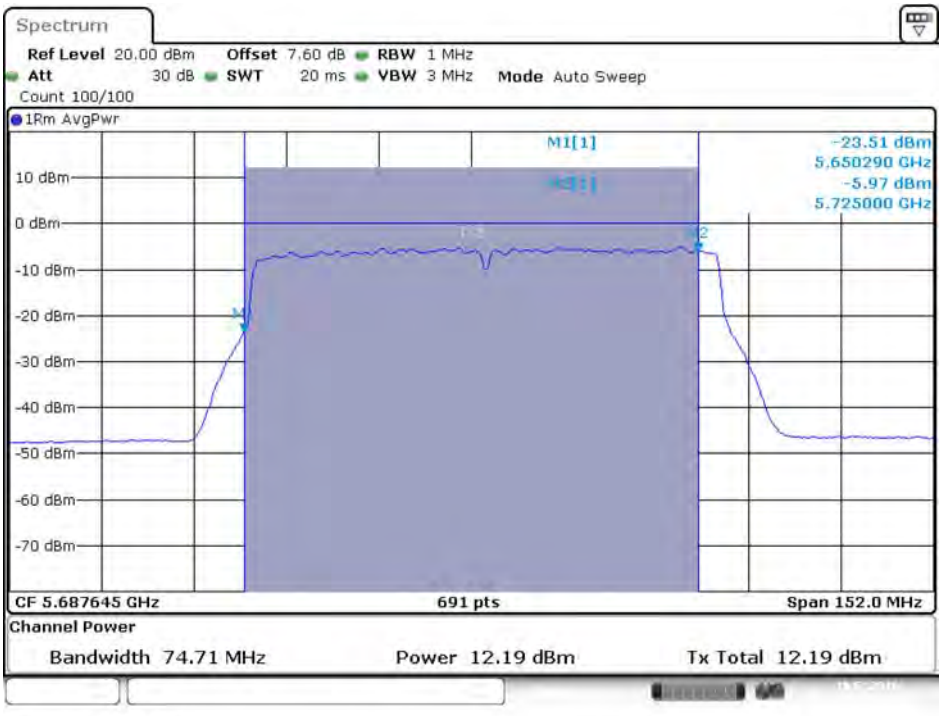
Type 11

Conducted Output Power Plot on Chain 1 / 5690 MHz (UNII 2C)



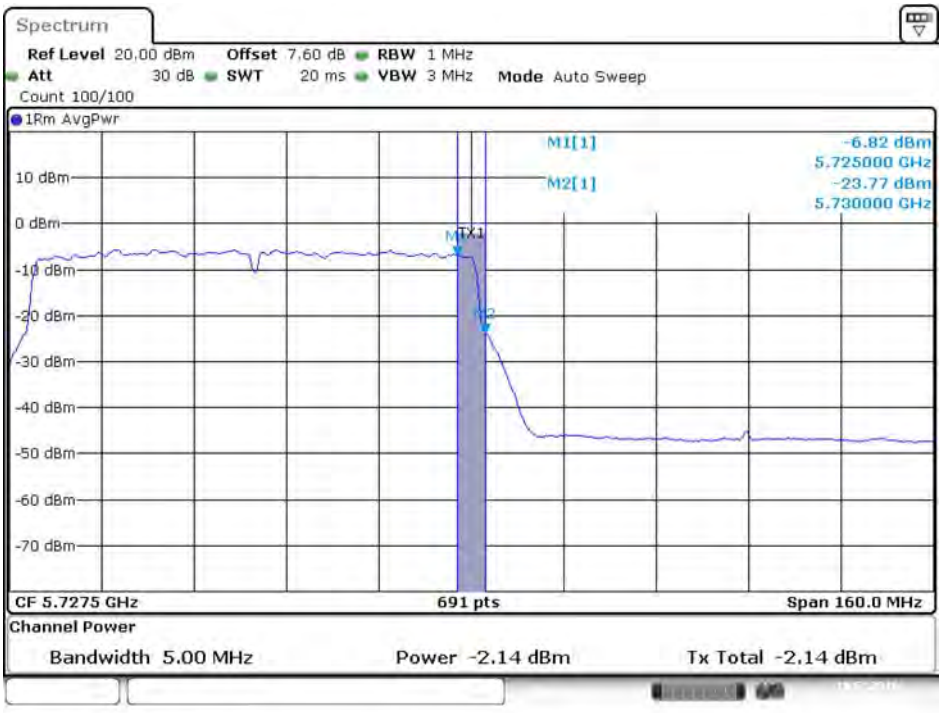
Date: 18.JUL.2016 18:04:29

Conducted Output Power Plot on Chain 2 / 5690 MHz (UNII 2C)



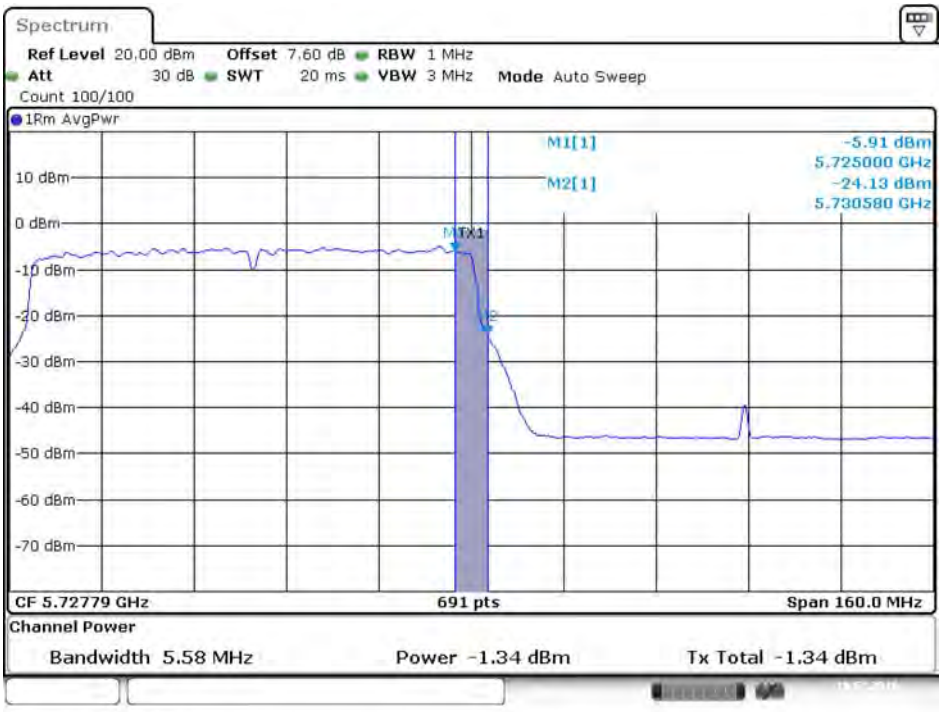
Date: 18.JUL.2016 18:07:41

Conducted Output Power Plot on Chain 1 / 5690 MHz (UNII 3)



Date: 18.JUL.2016 18:04:32

Conducted Output Power Plot on Chain 2 / 5690 MHz (UNII 3)



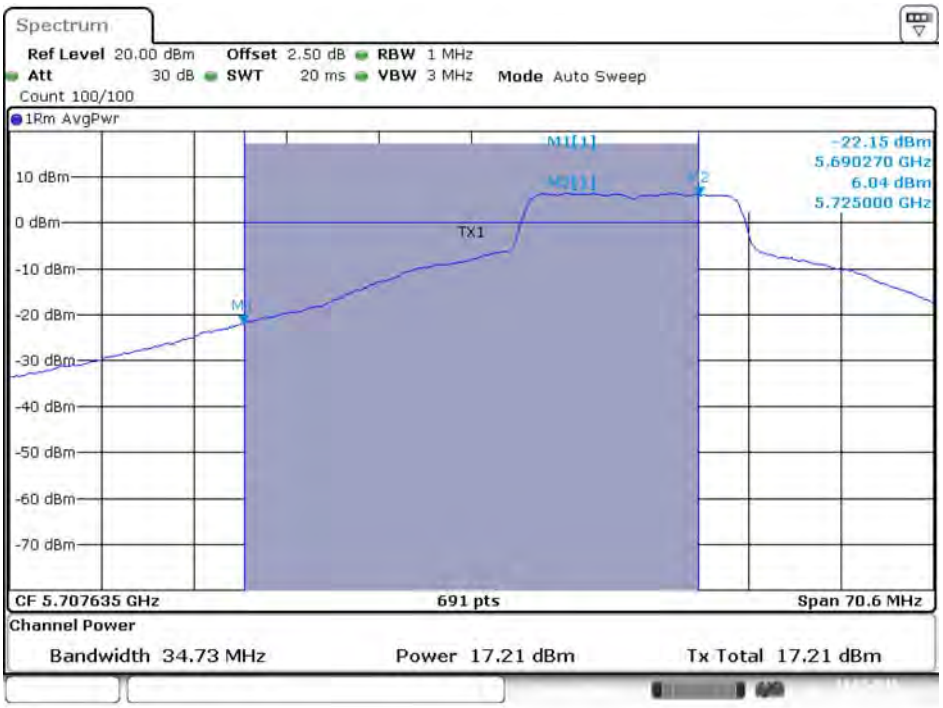
Date: 18.JUL.2016 18:07:44

<For Radio Mode>

Straddle Channel

For Mode 5:

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 5 / 5720 MHz (UNII 2C)

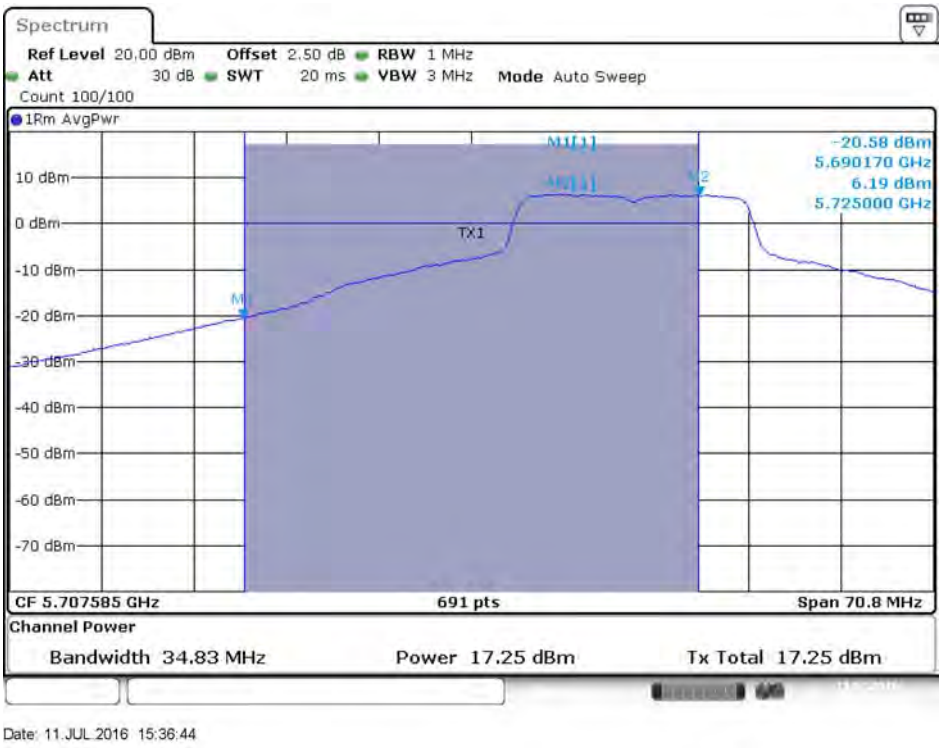


Date: 11.JUL.2016 15:38:35

Conducted Output Power Plot on Configuration IEEE 802.11a / Chain 5 / 5720 MHz (UNII 3)

Date: 11.JUL.2016 15:38:38

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 5 / 5720 MHz (UNII 2C)

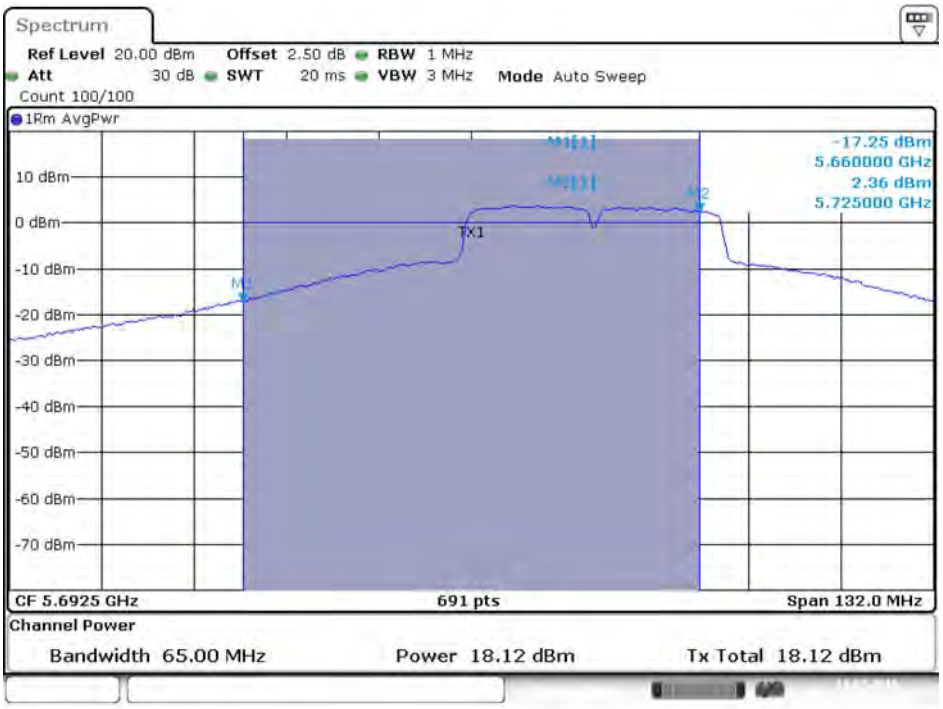


Date: 11.JUL.2016 15:36:44

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 5 / 5720 MHz (UNII 3)

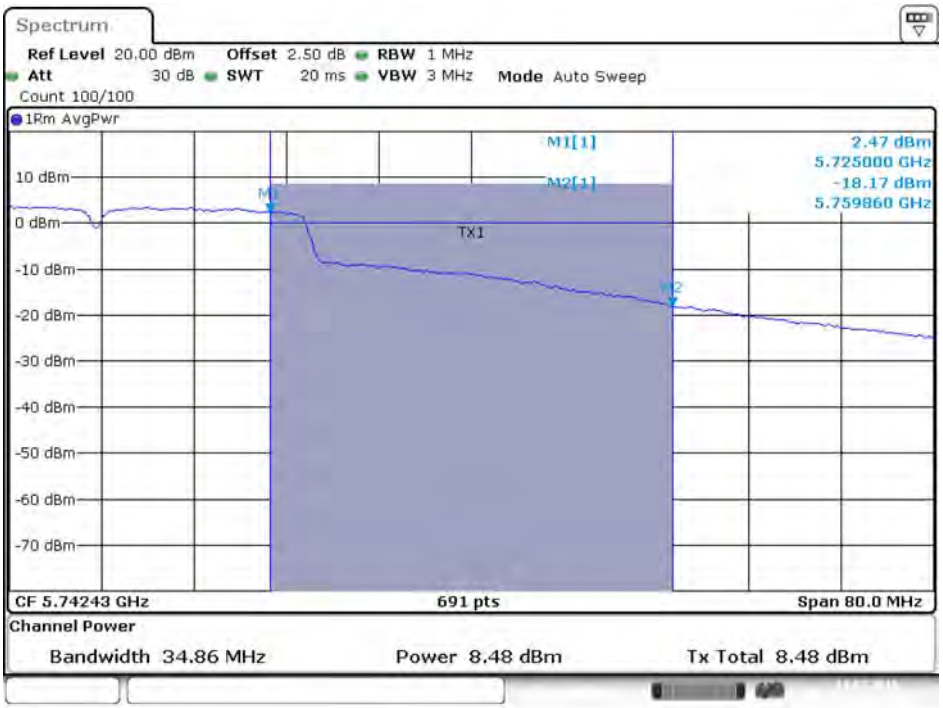
Date: 11.JUL.2016 15:36:48

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5710 MHz (UNII 2C)



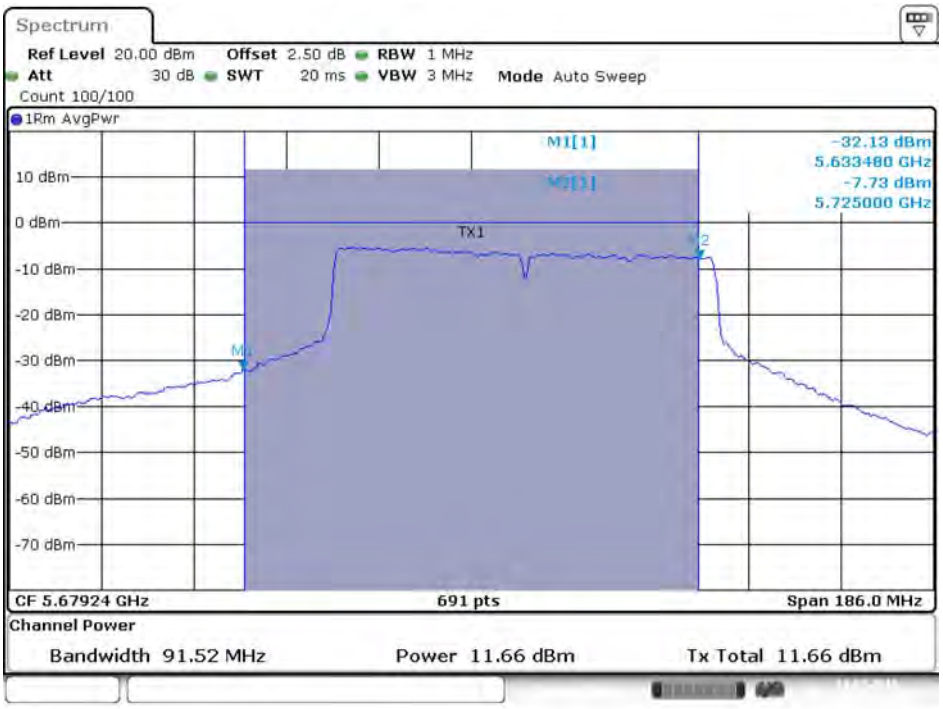
Date: 11.JUL.2016 15:30:51

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5710 MHz (UNII 3)



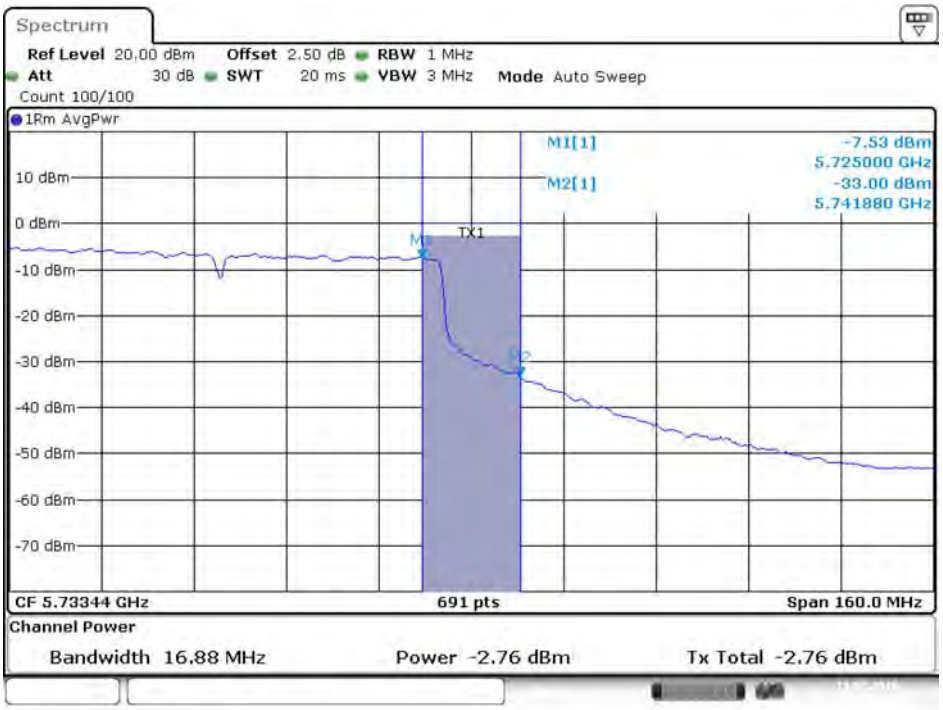
Date: 11.JUL.2016 15:30:55

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5690 MHz (UNII 2C)



Date: 11.JUL.2016 15:34:50

Conducted Output Power Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5690 MHz (UNII 3)



Date: 11.JUL.2016 15:34:53

4.4. Power Spectral Density Measurement

4.4.1. Limit

The following table is power spectral density limits and decrease power density limit rule refer to section 4.3.1.

Frequency Band			Limit
☒	5.15~5.25 GHz		
	Operating Mode		
	☐	Outdoor access point	17 dBm/MHz
	☒	Indoor access point	17 dBm/MHz
	☐	Fixed point-to-point access points	17 dBm/MHz
	☐	Mobile and portable client devices	11 dBm/MHz
☒	5.25-5.35 GHz		11 dBm/MHz
☒	5.470-5.725 GHz		11 dBm/MHz
☒	5.725~5.85 GHz		30 dBm/500kHz

4.4.2. Measuring Instruments and Setting

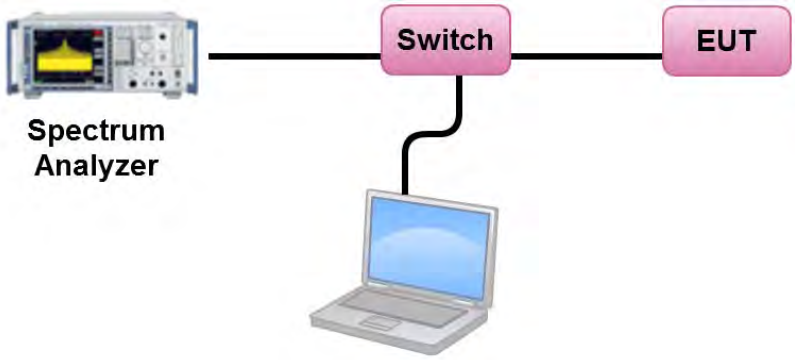
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1000 kHz
VBW	3000 kHz
Detector	RMS
Trace	AVERAGE
Sweep Time	Auto
Trace Average	100 times
Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.	

4.4.3. Test Procedures

1. The transmitter output (antenna port) was connected RF switch to the spectrum analyzer.
2. Test was performed in accordance with KDB789033 D02 v01r03 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Power Spectral Density (PSD).
3. Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 in-Band Power Spectral Density (PSD) Measurements and sum the spectra across the outputs.
4. For 5.725~5.85 GHz, the measured result of PSD level must add 10log(500kHz/RBW) and the final result should ≤ 30 dBm.

4.4.4. Test Setup Layout



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 Power Spectral Density

Temperature	25°C	Humidity	62%
Test Engineer	Peter Wu		

<For Radio 2 Non-beamforming Mode>

For Mode 1:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11a	5260 MHz	5.08	5.48	Complies
	5300 MHz	5.14	5.48	Complies
	5320 MHz	5.24	5.48	Complies
	5500 MHz	5.09	5.48	Complies
	5580 MHz	5.38	5.48	Complies
	5700 MHz	5.39	5.48	Complies
802.11ac MCS0/Nss1 VHT20	5260 MHz	5.29	5.48	Complies
	5300 MHz	5.40	5.48	Complies
	5320 MHz	5.07	5.48	Complies
	5500 MHz	5.29	5.48	Complies
	5580 MHz	5.25	5.48	Complies
	5700 MHz	5.23	5.48	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	5.38	5.48	Complies
	5310 MHz	5.41	5.48	Complies
	5510 MHz	5.24	5.48	Complies
	5550 MHz	5.27	5.48	Complies
	5670 MHz	5.19	5.48	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	2.25	5.48	Complies
	5530 MHz	-1.93	5.48	Complies
	5610 MHz	4.13	5.48	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss4 VHT20	5260 MHz	10.70	11.00	Complies
	5300 MHz	10.72	11.00	Complies
	5320 MHz	9.76	11.00	Complies
	5500 MHz	9.75	11.00	Complies
	5580 MHz	10.72	11.00	Complies
	5700 MHz	9.98	11.00	Complies
802.11ac MCS0/Nss4 VHT40	5270 MHz	7.46	11.00	Complies
	5310 MHz	5.42	11.00	Complies
	5510 MHz	3.97	11.00	Complies
	5550 MHz	7.47	11.00	Complies
	5670 MHz	7.77	11.00	Complies
802.11ac MCS0/Nss4 VHT80	5290 MHz	0.47	11.00	Complies
	5530 MHz	-0.20	11.00	Complies
	5610 MHz	2.59	11.00	Complies

Straddle Channel

Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.18	5.48	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	5.01	-3.01	2.00	24.48	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.33	5.48	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	5.00	-3.01	1.99	24.48	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	5.44	5.48	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	3.82	-3.01	0.81	24.48	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	4.38	5.48	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	3.40	-3.01	0.39	24.48	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	9.44	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	9.22	-3.01	6.21	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	6.63	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	6.13	-3.01	3.12	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	2.67	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	2.61	-3.01	-0.40	30.00	Complies

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-3.20				14.49	Complies
	5530 MHz	-3.24				8.49	Complies
2	5210 MHz	-3.22				14.49	Complies
	5610 MHz	-3.21		-		8.49	Complies
3	5210 MHz	-3.12				14.49	Complies
	5690 MHz (UNII 2C)	-3.59				8.49	Complies
	5690 MHz (UNII 3)	-5.15	-3.01	-8.16	27.49	-	Complies
4	5290 MHz	-0.54				8.49	Complies
	5530 MHz	-0.40				8.49	Complies
5	5290 MHz	0.49				8.49	Complies
	5610 MHz	0.55		-		8.49	Complies
6	5290 MHz	1.62				8.49	Complies
	5690 MHz (UNII 2C)	1.43				8.49	Complies
	5690 MHz (UNII 3)	-0.73	-3.01	-3.74	27.49	-	Complies
7	5290 MHz	0.62		-		8.49	Complies
	5775 MHz	0.59	-3.01	-2.42	27.49	-	Complies
8	5530 MHz	1.68				8.49	Complies
	5690 MHz (UNII 2C)	1.21		-		8.49	Complies
	5690 MHz (UNII 3)	-0.18	-3.01	-3.19	27.49	-	Complies
9	5530 MHz	-1.40		-		8.49	Complies
	5775 MHz	-1.45	-3.01	-4.46	27.49	-	Complies
10	5610 MHz	0.99		-		8.49	Complies
	5775 MHz	0.80	-3.01	-2.21	27.49	-	Complies
11	5690 MHz (UNII 2C)	0.93		-		8.49	Complies
	5690 MHz (UNII 3)	0.20	-3.01	-2.81	27.49	-	Complies
	5775 MHz	0.95	-3.01	-2.06	27.49	-	Complies
12	5210 MHz	-3.30				14.49	Complies
	5290 MHz	-3.06		-		8.49	Complies
13	5530 MHz	0.78				8.49	Complies
	5610 MHz	0.93				8.49	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit=17-(8.51-6)=14.49dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit=11-(8.51-6)=8.49dBm/MHz.

For Mode 2:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11a	5260 MHz	5.61	5.98	Complies
	5300 MHz	5.68	5.98	Complies
	5320 MHz	5.87	5.98	Complies
	5500 MHz	5.58	5.98	Complies
	5580 MHz	5.93	5.98	Complies
	5700 MHz	5.93	5.98	Complies
802.11ac MCS0/Nss1 VHT20	5260 MHz	5.89	5.98	Complies
	5300 MHz	5.95	5.98	Complies
	5320 MHz	5.64	5.98	Complies
	5500 MHz	5.79	5.98	Complies
	5580 MHz	5.72	5.98	Complies
	5700 MHz	5.69	5.98	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	5.86	5.98	Complies
	5310 MHz	5.93	5.98	Complies
	5510 MHz	5.84	5.98	Complies
	5550 MHz	5.80	5.98	Complies
	5670 MHz	5.70	5.98	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	2.76	5.98	Complies
	5530 MHz	-0.85	5.98	Complies
	5610 MHz	4.06	5.98	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss4 VHT20	5260 MHz	10.70	11.00	Complies
	5300 MHz	10.72	11.00	Complies
	5320 MHz	9.76	11.00	Complies
	5500 MHz	10.34	11.00	Complies
	5580 MHz	10.72	11.00	Complies
	5700 MHz	9.63	11.00	Complies
802.11ac MCS0/Nss4 VHT40	5270 MHz	7.46	11.00	Complies
	5310 MHz	6.16	11.00	Complies
	5510 MHz	6.08	11.00	Complies
	5550 MHz	7.47	11.00	Complies
	5670 MHz	7.77	11.00	Complies
802.11ac MCS0/Nss4 VHT80	5290 MHz	-0.08	11.00	Complies
	5530 MHz	-0.20	11.00	Complies
	5610 MHz	3.62	11.00	Complies

Straddle Channel

Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.20	5.98	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.91	-3.01	1.90	24.98	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.16	5.98	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.93	-3.01	1.92	24.98	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	5.41	5.98	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	3.74	-3.01	0.73	24.98	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	4.38	5.98	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	3.40	-3.01	0.39	24.98	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	9.44	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	9.22	-3.01	6.21	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	6.63	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	6.13	-3.01	3.12	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	3.54	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	3.51	-3.01	0.50	30.00	Complies

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	0.60				14.99	Complies
	5530 MHz	0.52				8.99	Complies
2	5210 MHz	0.37				14.99	Complies
	5610 MHz	0.38		-		8.99	Complies
3	5210 MHz	0.61				14.99	Complies
	5690 MHz (UNII 2C)	0.28				8.99	Complies
	5690 MHz (UNII 3)	-1.51	-3.01	-4.52	27.99	-	Complies
4	5290 MHz	0.05				8.99	Complies
	5530 MHz	-0.12				8.99	Complies
5	5290 MHz	0.49				8.99	Complies
	5610 MHz	0.55		-		8.99	Complies
6	5290 MHz	1.09				8.99	Complies
	5690 MHz (UNII 2C)	0.71				8.99	Complies
	5690 MHz (UNII 3)	-1.01	-3.01	-4.02	27.99	-	Complies
7	5290 MHz	0.62		-		8.99	Complies
	5775 MHz	0.59	-3.01	-2.42	27.99	-	Complies
8	5530 MHz	0.73				8.99	Complies
	5690 MHz (UNII 2C)	0.07		-		8.99	Complies
	5690 MHz (UNII 3)	-1.54	-3.01	-4.55	27.99	-	Complies
9	5530 MHz	-0.12		-		8.99	Complies
	5775 MHz	-0.05	-3.01	-3.06	27.99	-	Complies
10	5610 MHz	0.39		-		8.99	Complies
	5775 MHz	0.37	-3.01	-2.64	27.99	-	Complies
11	5690 MHz (UNII 2C)	-4.49		-		8.99	Complies
	5690 MHz (UNII 3)	-5.22	-3.01	-8.23	27.99	-	Complies
	5775 MHz	-4.00	-3.01	-7.01	27.99	-	Complies
12	5210 MHz	0.13				14.99	Complies
	5290 MHz	0.30		-		8.99	Complies
13	5530 MHz	-0.01				8.99	Complies
	5610 MHz	0.32				8.99	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit=17-(8.01-6)=14.49dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit=11-(8.01-6)=8.99dBm/MHz.

For Mode 3:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11a	5260 MHz	0.74	1.18	Complies
	5300 MHz	0.84	1.18	Complies
	5320 MHz	0.73	1.18	Complies
	5500 MHz	1.03	1.18	Complies
	5580 MHz	1.00	1.18	Complies
	5700 MHz	0.99	1.18	Complies
802.11ac MCS0/Nss1 VHT20	5260 MHz	0.93	1.18	Complies
	5300 MHz	1.03	1.18	Complies
	5320 MHz	1.03	1.18	Complies
	5500 MHz	0.87	1.18	Complies
	5580 MHz	0.88	1.18	Complies
	5700 MHz	0.80	1.18	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	1.05	1.18	Complies
	5310 MHz	1.03	1.18	Complies
	5510 MHz	0.85	1.18	Complies
	5550 MHz	0.92	1.18	Complies
	5670 MHz	0.76	1.18	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-0.01	1.18	Complies
	5530 MHz	-2.27	1.18	Complies
	5610 MHz	0.77	1.18	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss4 VHT20	5260 MHz	6.93	7.10	Complies
	5300 MHz	6.92	7.10	Complies
	5320 MHz	6.90	7.10	Complies
	5500 MHz	6.81	7.10	Complies
	5580 MHz	6.78	7.10	Complies
	5700 MHz	6.63	7.10	Complies
802.11ac MCS0/Nss4 VHT40	5270 MHz	3.49	7.10	Complies
	5310 MHz	1.47	7.10	Complies
	5510 MHz	1.26	7.10	Complies
	5550 MHz	3.47	7.10	Complies
	5670 MHz	3.68	7.10	Complies
802.11ac MCS0/Nss4 VHT80	5290 MHz	-3.41	7.10	Complies
	5530 MHz	-4.03	7.10	Complies
	5610 MHz	-0.21	7.10	Complies

Note: Antenna gain=9.90dBi, so limit =11-(9.90-6)=7.10dBm/MHz.

Straddle Channel

Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	1.00	1.18	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.68	-3.01	-2.33	20.18	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	0.91	1.18	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.68	-3.01	-2.33	20.18	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	0.71	1.18	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-0.86	-3.01	-3.87	20.18	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.24	1.18	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-1.03	-3.01	-4.04	20.18	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.55	7.10	Complies

Note: 5720 MHz (UNII 2C): Antenna gain=9.90dBi, so limit =11-(9.90-6)=7.10dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	5.33	-3.01	2.32	26.10	Complies

Note: 5720 MHz (UNII 3): Antenna gain=9.90dBi, so limit =30-(9.90-6)=26.10dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.77	7.10	Complies

Note: 5710 MHz (UNII 2C): Antenna gain=9.90dBi, so limit =11-(9.90-6)=7.10dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	2.45	-3.01	-0.56	26.10	Complies

Note: 5710 MHz (UNII 3): Antenna gain=9.90dBi, so limit =30-(9.90-6)=26.10dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.39	7.10	Complies

Note: 5690 MHz (UNII 2C): Antenna gain=9.90dBi, so limit =11-(9.90-6)=7.10dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-0.42	-3.01	-3.43	26.10	Complies

Note: 5690 MHz (UNII 3): Antenna gain=9.90dBi, so limit =30-(9.90-6)=26.10dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-2.40				10.19	Complies
	5530 MHz	-2.42				4.19	Complies
2	5210 MHz	0.37				10.19	Complies
	5610 MHz	0.38		-		4.19	Complies
3	5210 MHz	-0.55				10.19	Complies
	5690 MHz (UNII 2C)	-1.00				4.19	Complies
	5690 MHz (UNII 3)	-2.09	-3.01	-5.10	23.19	-	Complies
4	5290 MHz	-3.53				4.19	Complies
	5530 MHz	-3.86				4.19	Complies
5	5290 MHz	-1.21				4.19	Complies
	5610 MHz	-1.26		-		4.19	Complies
6	5290 MHz	0.39				4.19	Complies
	5690 MHz (UNII 2C)	-0.03				4.19	Complies
	5690 MHz (UNII 3)	-1.53	-3.01	-4.54	23.19	-	Complies
7	5290 MHz	-0.04		-		4.19	Complies
	5775 MHz	-0.29	-3.01	-3.30	23.19	-	Complies
8	5530 MHz	-2.19				4.19	Complies
	5690 MHz (UNII 2C)	-2.53		-		4.19	Complies
	5690 MHz (UNII 3)	-3.96	-3.01	-6.97	23.19	-	Complies
9	5530 MHz	-2.14		-		4.19	Complies
	5775 MHz	-2.15	-3.01	-5.16	23.19	-	Complies
10	5610 MHz	-1.60		-		4.19	Complies
	5775 MHz	-1.43	-3.01	-4.44	23.19	-	Complies
11	5690 MHz (UNII 2C)	-0.75		-		4.19	Complies
	5690 MHz (UNII 3)	-1.36	-3.01	-4.37	23.19	-	Complies
	5775 MHz	-0.15	-3.01	-3.16	23.19	-	Complies
12	5210 MHz	-0.98				10.19	Complies
	5290 MHz	-0.62		-		4.19	Complies
13	5530 MHz	-1.76				4.19	Complies
	5610 MHz	-1.81				4.19	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit=17-(12.81-6)=10.19dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit=11-(12.81-6)=4.19dBm/MHz.

For Mode 4:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11a	5260 MHz	0.74	1.08	Complies
	5300 MHz	0.84	1.08	Complies
	5320 MHz	0.73	1.08	Complies
	5500 MHz	1.03	1.08	Complies
	5580 MHz	1.00	1.08	Complies
	5700 MHz	0.99	1.08	Complies
802.11ac MCS0/Nss1 VHT20	5260 MHz	0.93	1.08	Complies
	5300 MHz	1.03	1.08	Complies
	5320 MHz	1.03	1.08	Complies
	5500 MHz	0.87	1.08	Complies
	5580 MHz	0.88	1.08	Complies
	5700 MHz	0.80	1.08	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	1.05	1.08	Complies
	5310 MHz	1.03	1.08	Complies
	5510 MHz	0.85	1.08	Complies
	5550 MHz	0.92	1.08	Complies
	5670 MHz	0.76	1.08	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-0.55	1.08	Complies
	5530 MHz	-5.83	1.08	Complies
	5610 MHz	0.77	1.08	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss4 VHT20	5260 MHz	6.93	7.00	Complies
	5300 MHz	6.92	7.00	Complies
	5320 MHz	6.90	7.00	Complies
	5500 MHz	6.81	7.00	Complies
	5580 MHz	6.78	7.00	Complies
	5700 MHz	6.63	7.00	Complies
802.11ac MCS0/Nss4 VHT40	5270 MHz	3.49	7.00	Complies
	5310 MHz	3.70	7.00	Complies
	5510 MHz	1.86	7.00	Complies
	5550 MHz	3.47	7.00	Complies
	5670 MHz	3.68	7.00	Complies
802.11ac MCS0/Nss4 VHT80	5290 MHz	-0.66	7.00	Complies
	5530 MHz	-5.45	7.00	Complies
	5610 MHz	0.20	7.00	Complies

Note: Antenna gain=10dBi, so limit =11-(10-6)=7.00dBm/MHz.

Straddle Channel

Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	1.00	1.08	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.68	-3.01	-2.33	20.08	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	0.91	1.08	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.68	-3.01	-2.33	20.08	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	0.71	1.08	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-0.86	-3.01	-3.87	20.08	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.24	1.08	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-1.03	-3.01	-4.04	20.08	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.55	7.00	Complies

Note: 5720 MHz (UNII 2C): Antenna gain=10dBi, so limit =11-(10-6)=7.00dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	5.33	-3.01	2.32	26.00	Complies

Note: 5720 MHz (UNII 3): Antenna gain=10dBi, so limit =30-(10-6)=26.00dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.77	7.00	Complies

Note: 5710 MHz (UNII 2C): Antenna gain=10dBi, so limit =11-(10-6)=7.00dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	2.45	-3.01	-0.56	26.00	Complies

Note: 5710 MHz (UNII 3): Antenna gain=10dBi, so limit =30-(10-6)=26.00dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.39	7.00	Complies

Note: 5690 MHz (UNII 2C): Antenna gain=10dBi, so limit =11-(10-6)=7.00dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-0.42	-3.01	-3.43	26.00	Complies

Note: 5690 MHz (UNII 3): Antenna gain=10dBi, so limit =30-(10-6)=26.00dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-3.20				10.09	Complies
	5530 MHz	-3.24				4.09	Complies
2	5210 MHz	0.37				10.09	Complies
	5610 MHz	0.38		-		4.09	Complies
3	5210 MHz	1.18				10.09	Complies
	5690 MHz (UNII 2C)	0.71				4.09	Complies
	5690 MHz (UNII 3)	-0.89	-3.01	-3.90	23.09	-	Complies
4	5290 MHz	-3.84				4.09	Complies
	5530 MHz	-4.19				4.09	Complies
5	5290 MHz	-1.70				4.09	Complies
	5610 MHz	-1.40		-		4.09	Complies
6	5290 MHz	-0.80				4.09	Complies
	5690 MHz (UNII 2C)	-0.78				4.09	Complies
	5690 MHz (UNII 3)	-2.41	-3.01	-5.42	23.09	-	Complies
7	5290 MHz	-1.08		-		4.09	Complies
	5775 MHz	-0.92	-3.01	-3.93	23.09	-	Complies
8	5530 MHz	-3.63				4.09	Complies
	5690 MHz (UNII 2C)	-3.95		-		4.09	Complies
	5690 MHz (UNII 3)	-5.07	-3.01	-8.08	23.09	-	Complies
9	5530 MHz	-3.98		-		4.09	Complies
	5775 MHz	-4.10	-3.01	-7.11	23.09	-	Complies
10	5610 MHz	-1.60		-		4.09	Complies
	5775 MHz	-1.43	-3.01	-4.44	23.09	-	Complies
11	5690 MHz (UNII 2C)	0.17		-		4.09	Complies
	5690 MHz (UNII 3)	-0.50	-3.01	-3.51	23.09	-	Complies
	5775 MHz	0.74	-3.01	-2.27	23.09	-	Complies
12	5210 MHz	-4.25				10.09	Complies
	5290 MHz	-3.99		-		4.09	Complies
13	5530 MHz	-3.44				4.09	Complies
	5610 MHz	-3.52				4.09	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit=17-(12.91-6)=10.09dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit=11-(12.91-6)=4.09dBm/MHz.

<For Radio 2 beamforming Mode>

For Mode 1:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss1 VHT20	5260 MHz	4.89	5.48	Complies
	5300 MHz	4.95	5.48	Complies
	5320 MHz	5.14	5.48	Complies
	5500 MHz	5.02	5.48	Complies
	5580 MHz	4.96	5.48	Complies
	5700 MHz	5.12	5.48	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	2.24	5.48	Complies
	5310 MHz	2.11	5.48	Complies
	5510 MHz	1.86	5.48	Complies
	5550 MHz	1.90	5.48	Complies
	5670 MHz	1.80	5.48	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-0.71	5.48	Complies
	5530 MHz	-0.83	5.48	Complies
	5610 MHz	-0.87	5.48	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss2 VHT20	5260 MHz	8.13	8.49	Complies
	5300 MHz	8.15	8.49	Complies
	5320 MHz	7.87	8.49	Complies
	5500 MHz	7.78	8.49	Complies
	5580 MHz	7.88	8.49	Complies
	5700 MHz	7.85	8.49	Complies
802.11ac MCS0/Nss2 VHT40	5270 MHz	5.22	8.49	Complies
	5310 MHz	5.24	8.49	Complies
	5510 MHz	5.07	8.49	Complies
	5550 MHz	5.15	8.49	Complies
	5670 MHz	5.07	8.49	Complies
802.11ac MCS0/Nss2 VHT80	5290 MHz	2.46	8.49	Complies
	5530 MHz	1.99	8.49	Complies
	5610 MHz	2.01	8.49	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =11-(8.51-6)=8.49dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss3 VHT20	5260 MHz	9.65	9.77	Complies
	5300 MHz	9.62	9.77	Complies
	5320 MHz	9.45	9.77	Complies
	5500 MHz	9.29	9.77	Complies
	5580 MHz	9.27	9.77	Complies
	5700 MHz	9.10	9.77	Complies
802.11ac MCS0/Nss3 VHT40	5270 MHz	6.08	9.77	Complies
	5310 MHz	6.17	9.77	Complies
	5510 MHz	6.64	9.77	Complies
	5550 MHz	5.84	9.77	Complies
	5670 MHz	5.74	9.77	Complies
802.11ac MCS0/Nss3 VHT80	5290 MHz	2.91	9.77	Complies
	5530 MHz	2.53	9.77	Complies
	5610 MHz	3.44	9.77	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =11-(7.23-6)=9.77dBm/MHz.

Straddle Channel

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.14	5.48	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.96	-3.01	1.95	24.48	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.35	5.48	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	0.73	-3.01	-2.28	24.48	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.78	5.48	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =11-(11.52-6)=5.48dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-1.69	-3.01	-4.70	24.48	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.52dBi, so limit =30-(11.52-6)=24.48dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	8.35	8.49	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =11-(8.51-6)=8.49dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	8.37	-3.01	5.36	27.49	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =30-(8.51-6)=27.49dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	5.19	8.49	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =11-(8.51-6)=8.49dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	3.78	-3.01	0.77	27.49	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =30-(8.51-6)=27.49dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	2.12	8.49	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =11-(8.51-6)=8.49dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	1.42	-3.01	-1.59	27.49	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit =30-(8.51-6)=27.49dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	9.30	9.77	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =11-(7.23-6)=9.77dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	9.09	-3.01	6.08	28.77	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =30-(7.23-6)=28.77dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	6.81	9.77	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =11-(7.23-6)=9.77dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	6.28	-3.01	3.27	28.77	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =30-(7.23-6)=28.77dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	3.73	9.77	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =11-(7.23-6)=9.77dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	3.54	-3.01	0.53	28.77	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =7.23dBi, so limit =30-(7.23-6)=28.77dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-5.98				14.49	Complies
	5530 MHz	-6.48				8.49	Complies
2	5210 MHz	-5.96				14.49	Complies
	5610 MHz	-6.53		-		8.49	Complies
3	5210 MHz	-6.32				14.49	Complies
	5690 MHz (UNII 2C)	-7.75				8.49	Complies
	5690 MHz (UNII 3)	-9.87	-3.01	-12.88	27.49	-	Complies
4	5290 MHz	-1.41				8.49	Complies
	5530 MHz	-1.56				8.49	Complies
5	5290 MHz	-1.20				8.49	Complies
	5610 MHz	-1.55		-		8.49	Complies
6	5290 MHz	-1.02				8.49	Complies
	5690 MHz (UNII 2C)	-2.29				8.49	Complies
	5690 MHz (UNII 3)	-4.07	-3.01	-7.08	27.49	-	Complies
7	5290 MHz	-2.04		-		8.49	Complies
	5775 MHz	-2.52	-3.01	-5.53	27.49	-	Complies
8	5530 MHz	2.00				8.49	Complies
	5690 MHz (UNII 2C)	-1.44		-		8.49	Complies
	5690 MHz (UNII 3)	-3.07	-3.01	-6.08	27.49	-	Complies
9	5530 MHz	-2.44		-		8.49	Complies
	5775 MHz	-2.61	-3.01	-5.62	27.49	-	Complies
10	5610 MHz	-2.45		-		8.49	Complies
	5775 MHz	-2.55	-3.01	-5.56	27.49	-	Complies
11	5690 MHz (UNII 2C)	-2.07		-		8.49	Complies
	5690 MHz (UNII 3)	-2.84	-3.01	-5.85	27.49	-	Complies
	5775 MHz	-1.63	-3.01	-4.64	27.49	-	Complies
12	5210 MHz	-6.17				14.49	Complies
	5290 MHz	-6.58		-		8.49	Complies
13	5530 MHz	0.67				8.49	Complies
	5610 MHz	0.91				8.49	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit=17-(8.51-6)=14.49dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.51dBi, so limit=11-(8.51-6)=8.49dBm/MHz.

For Mode 2:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss1 VHT20	5260 MHz	4.89	5.98	Complies
	5300 MHz	4.95	5.98	Complies
	5320 MHz	5.14	5.98	Complies
	5500 MHz	5.02	5.98	Complies
	5580 MHz	4.96	5.98	Complies
	5700 MHz	5.12	5.98	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	2.24	5.98	Complies
	5310 MHz	2.11	5.98	Complies
	5510 MHz	1.86	5.98	Complies
	5550 MHz	1.90	5.98	Complies
	5670 MHz	1.80	5.98	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-0.71	5.98	Complies
	5530 MHz	-0.83	5.98	Complies
	5610 MHz	-0.87	5.98	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss2 VHT20	5260 MHz	8.13	8.99	Complies
	5300 MHz	8.15	8.99	Complies
	5320 MHz	7.87	8.99	Complies
	5500 MHz	7.78	8.99	Complies
	5580 MHz	7.88	8.99	Complies
	5700 MHz	7.85	8.99	Complies
802.11ac MCS0/Nss2 VHT40	5270 MHz	5.22	8.99	Complies
	5310 MHz	5.24	8.99	Complies
	5510 MHz	5.07	8.99	Complies
	5550 MHz	5.15	8.99	Complies
	5670 MHz	5.07	8.99	Complies
802.11ac MCS0/Nss2 VHT80	5290 MHz	1.20	8.99	Complies
	5530 MHz	1.99	8.99	Complies
	5610 MHz	2.01	8.99	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =11-(8.01-6)=8.99dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss3 VHT20	5260 MHz	9.65	10.27	Complies
	5300 MHz	9.62	10.27	Complies
	5320 MHz	9.45	10.27	Complies
	5500 MHz	9.29	10.27	Complies
	5580 MHz	9.27	10.27	Complies
	5700 MHz	9.10	10.27	Complies
802.11ac MCS0/Nss3 VHT40	5270 MHz	7.03	10.27	Complies
	5310 MHz	6.89	10.27	Complies
	5510 MHz	6.00	10.27	Complies
	5550 MHz	6.89	10.27	Complies
	5670 MHz	6.83	10.27	Complies
802.11ac MCS0/Nss3 VHT80	5290 MHz	1.76	10.27	Complies
	5530 MHz	2.53	10.27	Complies
	5610 MHz	3.44	10.27	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =11-(6.73-6)=10.27dBm/MHz.

Straddle Channel

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.14	5.98	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.96	-3.01	1.95	24.98	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	3.33	5.98	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	1.78	-3.01	-1.23	24.98	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.78	5.98	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =11-(11.02-6)=5.98dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-1.69	-3.01	-4.70	24.98	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.02dBi, so limit =30-(11.02-6)=24.98dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	8.35	8.99	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =11-(8.01-6)=8.99dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	8.37	-3.01	5.36	27.99	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =30-(8.01-6)=27.99dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	6.29	8.99	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =11-(8.01-6)=8.99dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	4.81	-3.01	1.80	27.99	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =30-(8.01-6)=27.99dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	3.20	8.99	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =11-(8.01-6)=8.99dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	2.19	-3.01	-0.82	27.99	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit =30-(8.01-6)=27.99dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	9.30	10.27	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =11-(6.73-6)=10.27dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	9.09	-3.01	6.08	29.27	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =30-(6.73-6)=29.27dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	7.46	10.27	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =11-(6.73-6)=10.27dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	7.02	-3.01	4.01	29.27	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =30-(6.73-6)=29.27dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	4.41	10.27	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =11-(6.73-6)=10.27dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	4.56	-3.01	1.55	29.27	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =6.73dBi, so limit =30-(6.73-6)=29.27dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	1.18				14.99	Complies
	5530 MHz	-0.03				8.99	Complies
2	5210 MHz	1.21				14.99	Complies
	5610 MHz	0.27		-		8.99	Complies
3	5210 MHz	0.30				14.99	Complies
	5690 MHz (UNII 2C)	-1.21				8.99	Complies
	5690 MHz (UNII 3)	-3.20	-3.01	-6.21	27.99	-	Complies
4	5290 MHz	1.23				8.99	Complies
	5530 MHz	0.37				8.99	Complies
5	5290 MHz	0.24				8.99	Complies
	5610 MHz	-0.60		-		8.99	Complies
6	5290 MHz	-0.82				8.99	Complies
	5690 MHz (UNII 2C)	-2.40				8.99	Complies
	5690 MHz (UNII 3)	-4.36	-3.01	-7.37	27.99	-	Complies
7	5290 MHz	-0.28		-		8.99	Complies
	5775 MHz	-0.78	-3.01	-3.79	27.99	-	Complies
8	5530 MHz	0.25				8.99	Complies
	5690 MHz (UNII 2C)	-3.33		-		8.99	Complies
	5690 MHz (UNII 3)	-4.88	-3.01	-7.89	27.99	-	Complies
9	5530 MHz	-2.49		-		8.99	Complies
	5775 MHz	-2.87	-3.01	-5.88	27.99	-	Complies
10	5610 MHz	-0.08		-		8.99	Complies
	5775 MHz	-0.13	-3.01	-3.14	27.99	-	Complies
11	5690 MHz (UNII 2C)	-1.66		-		8.99	Complies
	5690 MHz (UNII 3)	-2.11	-3.01	-5.12	27.99	-	Complies
	5775 MHz	1.16	-3.01	-1.85	27.99	-	Complies
12	5210 MHz	-1.37				14.99	Complies
	5290 MHz	-1.47		-		8.99	Complies
13	5530 MHz	0.75				8.99	Complies
	5610 MHz	0.58				8.99	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit=17-(8.01-6)=14.99dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =8.01dBi, so limit=11-(8.01-6)=8.99dBm/MHz.

For Mode 3:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss1 VHT20	5260 MHz	0.59	1.18	Complies
	5300 MHz	0.46	1.18	Complies
	5320 MHz	0.46	1.18	Complies
	5500 MHz	0.41	1.18	Complies
	5580 MHz	0.44	1.18	Complies
	5700 MHz	0.24	1.18	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	-2.54	1.18	Complies
	5310 MHz	-2.74	1.18	Complies
	5510 MHz	-2.78	1.18	Complies
	5550 MHz	-2.67	1.18	Complies
	5670 MHz	-2.72	1.18	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-5.32	1.18	Complies
	5530 MHz	-5.26	1.18	Complies
	5610 MHz	-5.49	1.18	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss2 VHT20	5260 MHz	3.16	4.19	Complies
	5300 MHz	3.23	4.19	Complies
	5320 MHz	3.24	4.19	Complies
	5500 MHz	3.10	4.19	Complies
	5580 MHz	3.09	4.19	Complies
	5700 MHz	3.05	4.19	Complies
802.11ac MCS0/Nss2 VHT40	5270 MHz	0.58	4.19	Complies
	5310 MHz	0.67	4.19	Complies
	5510 MHz	0.26	4.19	Complies
	5550 MHz	0.31	4.19	Complies
	5670 MHz	0.24	4.19	Complies
802.11ac MCS0/Nss2 VHT80	5290 MHz	-2.05	4.19	Complies
	5530 MHz	-2.37	4.19	Complies
	5610 MHz	-2.52	4.19	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =11-(12.81-6)=4.19dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss3 VHT20	5260 MHz	4.66	5.47	Complies
	5300 MHz	4.69	5.47	Complies
	5320 MHz	4.62	5.47	Complies
	5500 MHz	4.47	5.47	Complies
	5580 MHz	4.50	5.47	Complies
	5700 MHz	4.41	5.47	Complies
802.11ac MCS0/Nss3 VHT40	5270 MHz	2.02	5.47	Complies
	5310 MHz	2.12	5.47	Complies
	5510 MHz	1.96	5.47	Complies
	5550 MHz	2.08	5.47	Complies
	5670 MHz	1.86	5.47	Complies
802.11ac MCS0/Nss3 VHT80	5290 MHz	-1.05	5.47	Complies
	5530 MHz	-1.07	5.47	Complies
	5610 MHz	-0.97	5.47	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =11-(11.53-6)=5.47dBm/MHz.

Straddle Channel

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	0.55	1.18	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.42	-3.01	-2.59	20.18	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	-1.22	1.18	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-2.64	-3.01	-5.65	20.18	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-5.55	1.18	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =11-(15.82-6)=1.18dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-5.64	-3.01	-8.65	20.18	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.82dBi, so limit =30-(15.82-6)=20.18dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	3.50	4.19	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =11-(12.81-6)=4.19dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	3.44	-3.01	0.43	23.19	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =30-(12.81-6)=23.19dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	1.42	4.19	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =11-(12.81-6)=4.19dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-0.04	-3.01	-3.05	23.19	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =30-(12.81-6)=23.19dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-1.93	4.19	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =11-(12.81-6)=4.19dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-2.67	-3.01	-5.68	23.19	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit =30-(12.81-6)=23.19dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	4.61	5.47	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =11-(11.53-6)=5.47dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.26	-3.01	1.25	24.47	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =30-(11.53-6)=24.47dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.63	5.47	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =11-(11.53-6)=5.47dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	2.39	-3.01	-0.62	24.47	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =30-(11.53-6)=24.47dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.61	5.47	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =11-(11.53-6)=5.47dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-0.16	-3.01	-3.17	24.47	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.53dBi, so limit =30-(11.53-6)=24.47dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-1.77				10.19	Complies
	5530 MHz	-2.34				4.19	Complies
2	5210 MHz	-2.11				10.19	Complies
	5610 MHz	-2.42		-		4.19	Complies
3	5210 MHz	-2.18				10.19	Complies
	5690 MHz (UNII 2C)	-3.31				4.19	Complies
	5690 MHz (UNII 3)	-5.35	-3.01	-8.36	23.19	-	Complies
4	5290 MHz	-3.27				4.19	Complies
	5530 MHz	-3.47				4.19	Complies
5	5290 MHz	-3.89				4.19	Complies
	5610 MHz	-4.43		-		4.19	Complies
6	5290 MHz	-2.12				4.19	Complies
	5690 MHz (UNII 2C)	-3.28				4.19	Complies
	5690 MHz (UNII 3)	-5.05	-3.01	-8.06	23.19	-	Complies
7	5290 MHz	-3.19		-		4.19	Complies
	5775 MHz	-3.17	-3.01	-6.18	23.19	-	Complies
8	5530 MHz	-3.05				4.19	Complies
	5690 MHz (UNII 2C)	-6.24		-		4.19	Complies
	5690 MHz (UNII 3)	-7.54	-3.01	-10.55	23.19	-	Complies
9	5530 MHz	-4.14		-		4.19	Complies
	5775 MHz	-4.37	-3.01	-7.38	23.19	-	Complies
10	5610 MHz	-4.61		-		4.19	Complies
	5775 MHz	-4.93	-3.01	-7.94	23.19	-	Complies
11	5690 MHz (UNII 2C)	-6.23		-		4.19	Complies
	5690 MHz (UNII 3)	-6.84	-3.01	-9.85	23.19	-	Complies
	5775 MHz	-5.38	-3.01	-8.39	23.19	-	Complies
12	5210 MHz	-4.19				10.19	Complies
	5290 MHz	-4.46		-		4.19	Complies
13	5530 MHz	-2.21				4.19	Complies
	5610 MHz	-2.27				4.19	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit=17-(12.81-6)=10.19dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.81dBi, so limit=11-(12.81-6)=4.19dBm/MHz.

For Mode 4:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss1 VHT20	5260 MHz	0.59	1.08	Complies
	5300 MHz	0.46	1.08	Complies
	5320 MHz	0.46	1.08	Complies
	5500 MHz	0.41	1.08	Complies
	5580 MHz	0.44	1.08	Complies
	5700 MHz	0.24	1.08	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	-2.54	1.08	Complies
	5310 MHz	-2.74	1.08	Complies
	5510 MHz	-2.78	1.08	Complies
	5550 MHz	-2.67	1.08	Complies
	5670 MHz	-2.72	1.08	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-5.32	1.08	Complies
	5530 MHz	-5.26	1.08	Complies
	5610 MHz	-5.49	1.08	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss2 VHT20	5260 MHz	3.16	4.09	Complies
	5300 MHz	3.23	4.09	Complies
	5320 MHz	3.24	4.09	Complies
	5500 MHz	3.10	4.09	Complies
	5580 MHz	3.09	4.09	Complies
	5700 MHz	3.05	4.09	Complies
802.11ac MCS0/Nss2 VHT40	5270 MHz	0.58	4.09	Complies
	5310 MHz	0.67	4.09	Complies
	5510 MHz	0.26	4.09	Complies
	5550 MHz	0.31	4.09	Complies
	5670 MHz	0.24	4.09	Complies
802.11ac MCS0/Nss2 VHT80	5290 MHz	-2.05	4.09	Complies
	5530 MHz	-2.37	4.09	Complies
	5610 MHz	-2.52	4.09	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =11-(12.91-6)=4.09dBm/MHz.

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11ac MCS0/Nss3 VHT20	5260 MHz	4.66	5.37	Complies
	5300 MHz	4.69	5.37	Complies
	5320 MHz	4.62	5.37	Complies
	5500 MHz	4.47	5.37	Complies
	5580 MHz	4.50	5.37	Complies
	5700 MHz	4.41	5.37	Complies
802.11ac MCS0/Nss3 VHT40	5270 MHz	2.02	5.37	Complies
	5310 MHz	2.12	5.37	Complies
	5510 MHz	1.96	5.37	Complies
	5550 MHz	2.08	5.37	Complies
	5670 MHz	1.86	5.37	Complies
802.11ac MCS0/Nss3 VHT80	5290 MHz	-1.72	5.37	Complies
	5530 MHz	-1.97	5.37	Complies
	5610 MHz	-0.97	5.37	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =11-(11.63-6)=5.37dBm/MHz.

Straddle Channel

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	0.55	1.08	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	0.42	-3.01	-2.59	20.08	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	-2.19	1.08	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-3.59	-3.01	-6.60	20.08	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-5.55	1.08	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =11-(15.92-6)=1.08dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-5.64	-3.01	-8.65	20.08	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =15.92dBi, so limit =30-(15.92-6)=20.08dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	3.50	4.09	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =11-(12.91-6)=4.09dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	3.44	-3.01	0.43	23.09	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =30-(12.91-6)=23.09dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	1.42	4.09	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =11-(12.91-6)=4.09dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	-0.04	-3.01	-3.05	23.09	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =30-(12.91-6)=23.09dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-1.93	4.09	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =11-(12.91-6)=4.09dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-2.67	-3.01	-5.68	23.09	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit =30-(12.91-6)=23.09dBm/MHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	4.61	5.37	Complies

Note:

5720 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =11-(11.63-6)=5.37dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.26	-3.01	1.25	24.37	Complies

Note:

5720 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =30-(11.63-6)=24.37dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.63	5.37	Complies

Note:

5710 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =11-(11.63-6)=5.37dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	2.39	-3.01	-0.62	24.37	Complies

Note:

5710 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =30-(11.63-6)=24.37dBm/500kHz.

Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-0.61	5.37	Complies

Note:

5690 MHz (UNII 2C): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =11-(11.63-6)=5.37dBm/MHz.

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-0.16	-3.01	-3.17	24.37	Complies

Note:

5690 MHz (UNII 3): $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =11.63dBi, so limit =30-(11.63-6)=24.37dBm/500kHz.

802.11ac MCS0/Nss2 VHT80+80

Type	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Max. Limit (dBm/MHz)	Result
1	5210 MHz	-3.79				10.09	Complies
	5530 MHz	-4.47				4.09	Complies
2	5210 MHz	-2.60				10.09	Complies
	5610 MHz	-3.57		-		4.09	Complies
3	5210 MHz	-2.64				10.09	Complies
	5690 MHz (UNII 2C)	-3.87				4.09	Complies
	5690 MHz (UNII 3)	-5.80	-3.01	-8.81	23.09	-	Complies
4	5290 MHz	-3.71				4.09	Complies
	5530 MHz	-4.67				4.09	Complies
5	5290 MHz	-2.13				4.09	Complies
	5610 MHz	-3.25		-		4.09	Complies
6	5290 MHz	-2.07				4.09	Complies
	5690 MHz (UNII 2C)	-3.25				4.09	Complies
	5690 MHz (UNII 3)	-5.18	-3.01	-8.19	23.09	-	Complies
7	5290 MHz	-3.45		-		4.09	Complies
	5775 MHz	-3.59	-3.01	-6.60	23.09	-	Complies
8	5530 MHz	-2.60				4.09	Complies
	5690 MHz (UNII 2C)	-6.49		-		4.09	Complies
	5690 MHz (UNII 3)	-7.92	-3.01	-10.93	23.09	-	Complies
9	5530 MHz	-4.43		-		4.09	Complies
	5775 MHz	-4.61	-3.01	-7.62	23.09	-	Complies
10	5610 MHz	-2.54		-		4.09	Complies
	5775 MHz	-2.93	-3.01	-5.94	23.09	-	Complies
11	5690 MHz (UNII 2C)	-4.14		-		4.09	Complies
	5690 MHz (UNII 3)	-4.71	-3.01	-7.72	23.09	-	Complies
	5775 MHz	-3.14	-3.01	-6.15	23.09	-	Complies
12	5210 MHz	-4.89				10.09	Complies
	5290 MHz	-5.14		-		4.09	Complies
13	5530 MHz	-2.21				4.09	Complies
	5610 MHz	-2.27				4.09	Complies

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit=17-(12.91-6)=10.09dBm/MHz.

Note: $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$ =12.91dBi, so limit=11-(12.91-6)=4.09dBm/MHz.

<For Radio 3 Mode>

For Mode 5:

Mode	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
802.11a	5260 MHz	8.63	11.00	Complies
	5300 MHz	8.60	11.00	Complies
	5320 MHz	6.14	11.00	Complies
	5500 MHz	5.22	11.00	Complies
	5580 MHz	6.87	11.00	Complies
	5700 MHz	3.81	11.00	Complies
802.11ac MCS0/Nss1 VHT20	5260 MHz	8.46	11.00	Complies
	5300 MHz	8.57	11.00	Complies
	5320 MHz	5.78	11.00	Complies
	5500 MHz	5.06	11.00	Complies
	5580 MHz	7.71	11.00	Complies
	5700 MHz	3.19	11.00	Complies
802.11ac MCS0/Nss1 VHT40	5270 MHz	4.50	11.00	Complies
	5310 MHz	-2.28	11.00	Complies
	5510 MHz	-2.85	11.00	Complies
	5550 MHz	3.29	11.00	Complies
	5670 MHz	2.53	11.00	Complies
802.11ac MCS0/Nss1 VHT80	5290 MHz	-8.35	11.00	Complies
	5530 MHz	-7.46	11.00	Complies
	5610 MHz	-0.39	11.00	Complies

Note: Antenna gain=5.40dBi<6dBi, so the limit doesn't reduce.

Straddle Channel

Configuration IEEE 802.11a / Chain 5

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.14	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.78	-3.01	1.77	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 5

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
144	5720 MHz (UNII 2C)	5.12	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
144	5720 MHz (UNII 3)	4.75	-3.01	1.74	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
142	5710 MHz (UNII 2C)	2.34	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
142	5710 MHz (UNII 3)	1.11	-3.01	-1.90	30.00	Complies

Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5

Channel	Frequency	Power Density (dBm/MHz)	Max. Limit (dBm/MHz)	Result
138	5690 MHz (UNII 2C)	-6.67	11.00	Complies

Channel	Frequency	Power Density (dBm/MHz)	10log(500kHz/RBW) Factor (dB)	Power Density (dBm/500kHz)	Power Density Limit (dBm/500kHz)	Result
138	5690 MHz (UNII 3)	-8.76	-3.01	-11.77	30.00	Complies

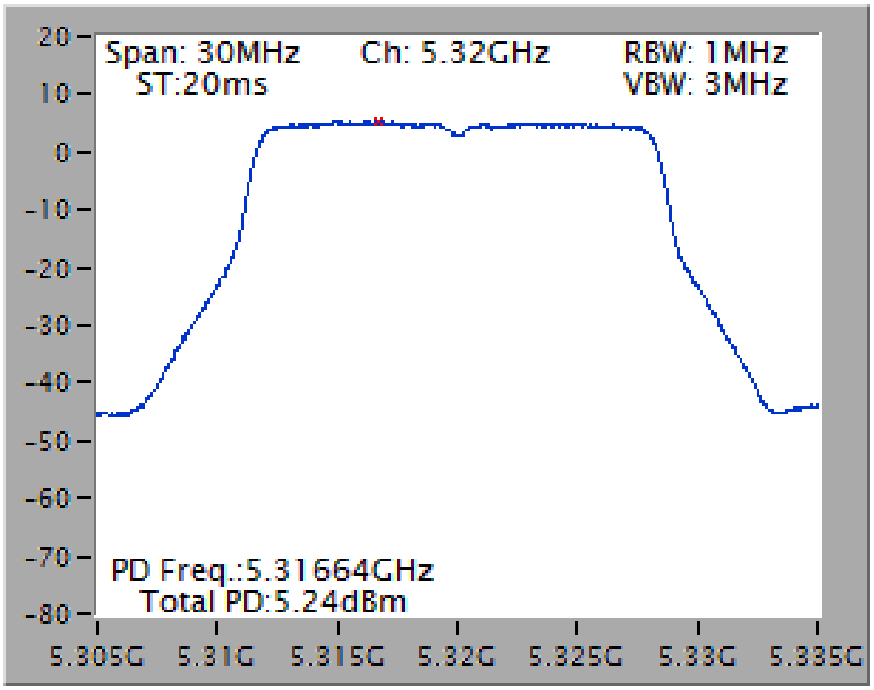
Note: All the test values were listed in the report.

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

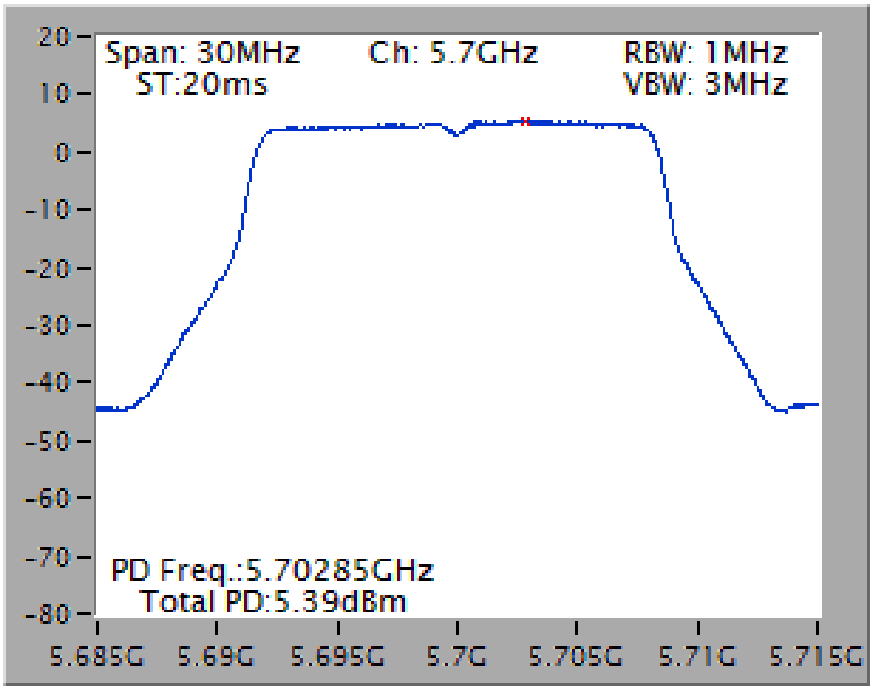
<For Radio 2 Non-beamforming Mode>

For Mode 1:

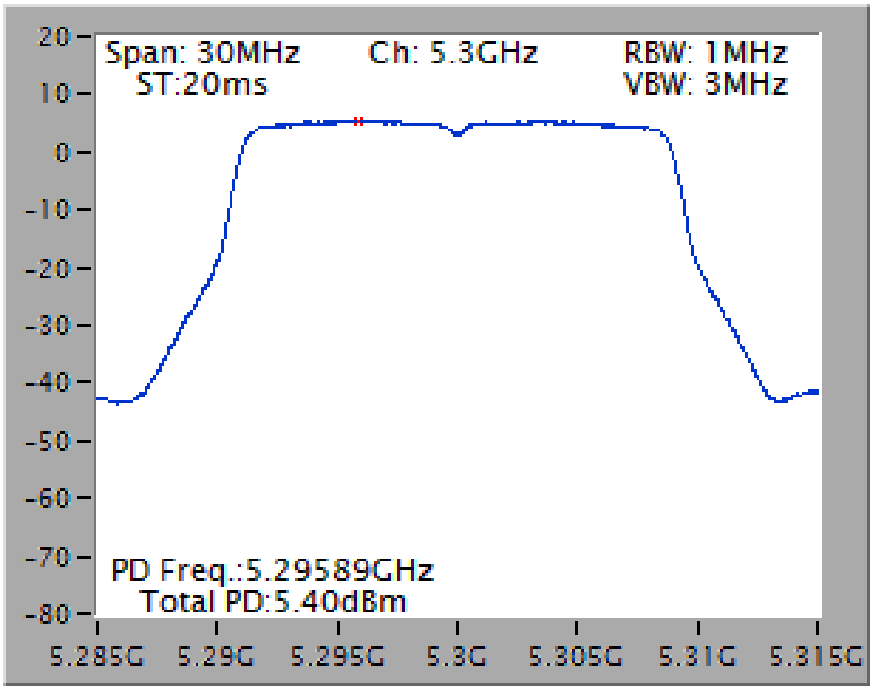
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



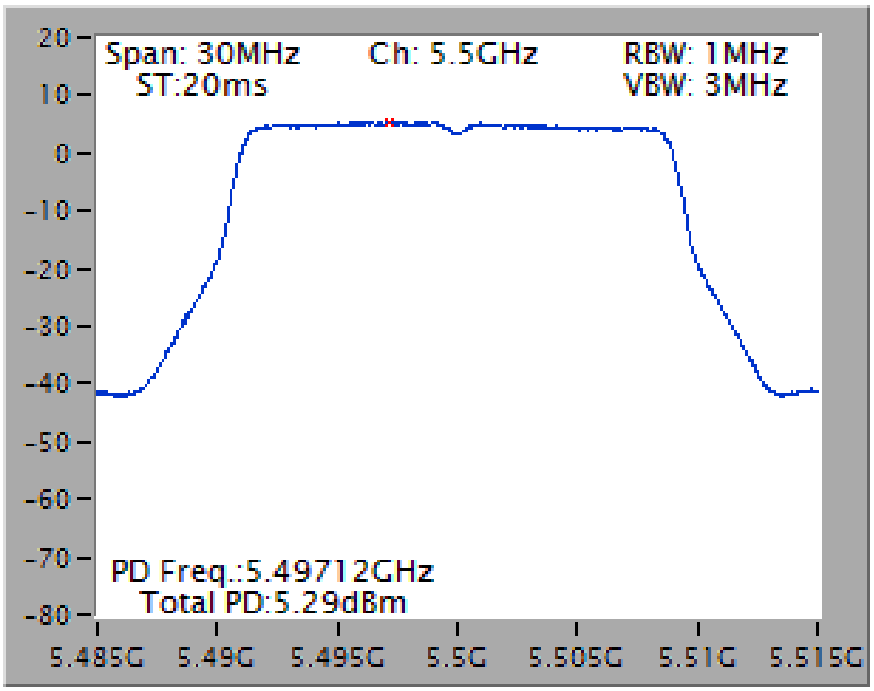
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5700 MHz



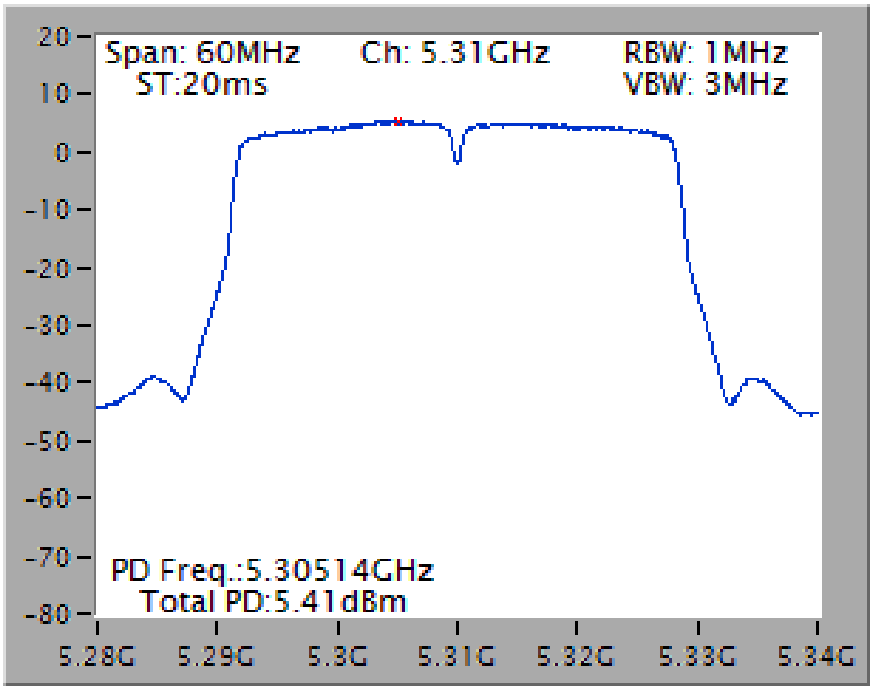
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



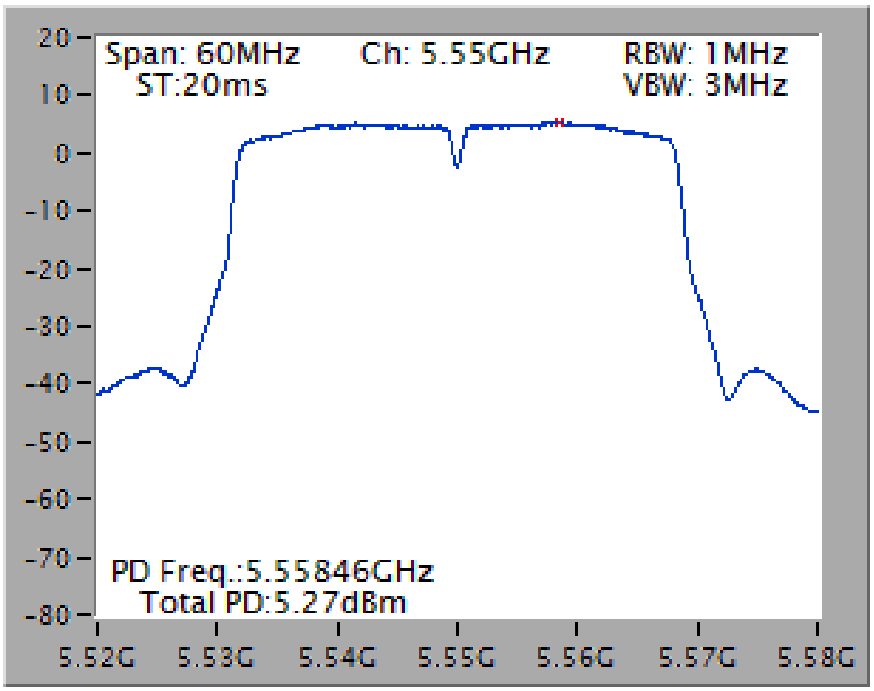
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



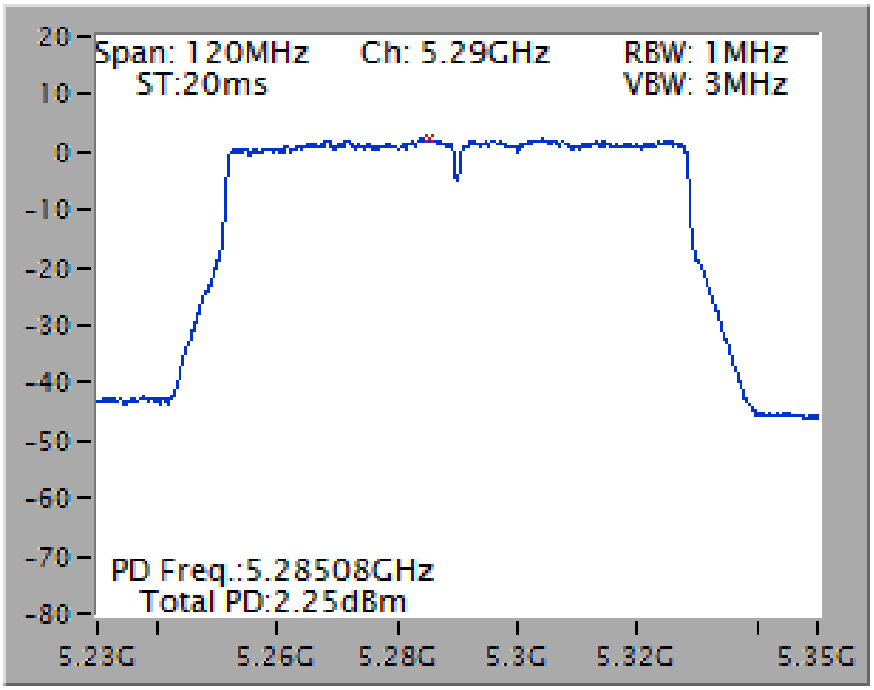
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



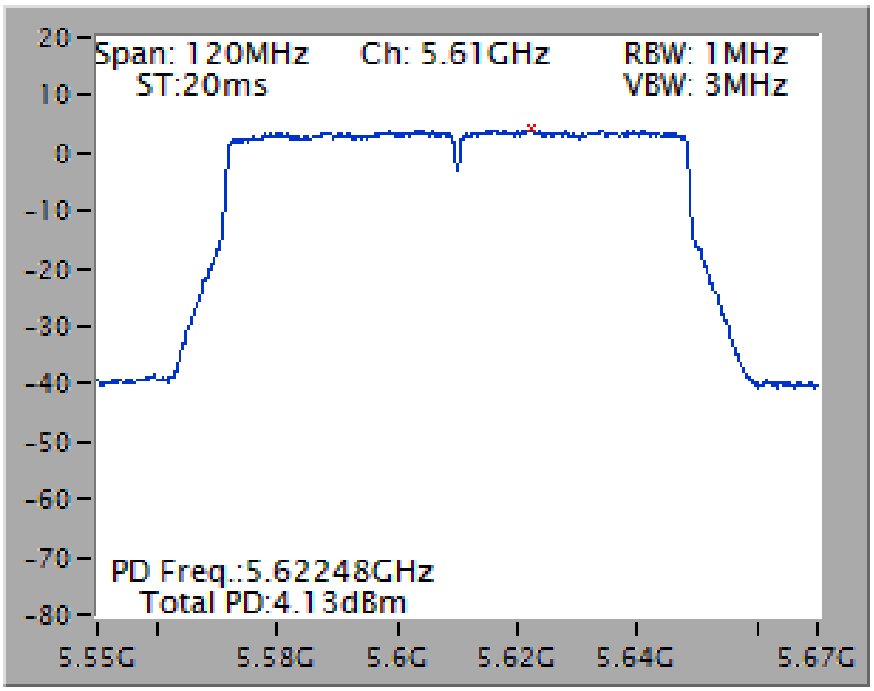
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



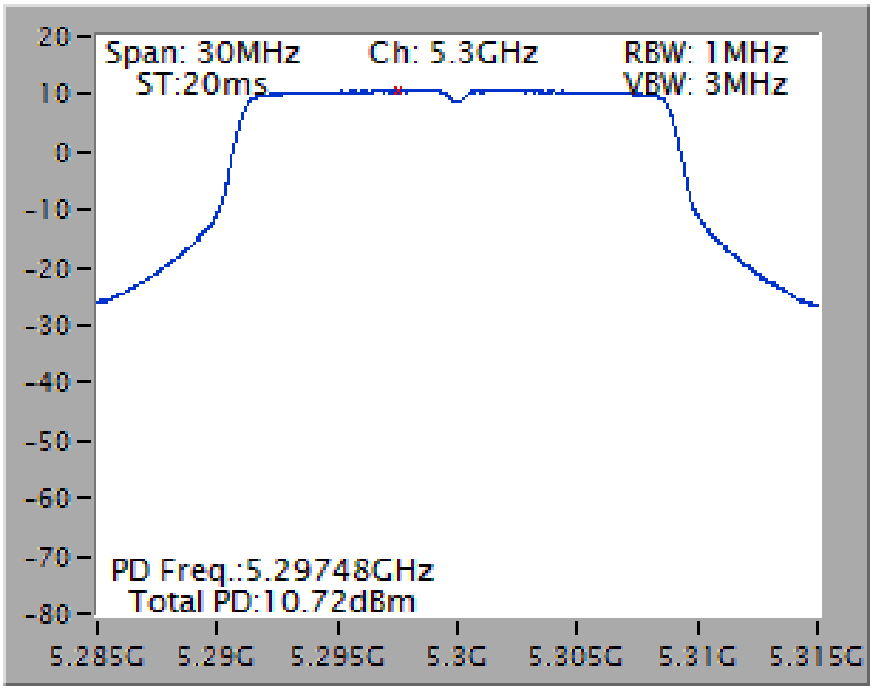
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



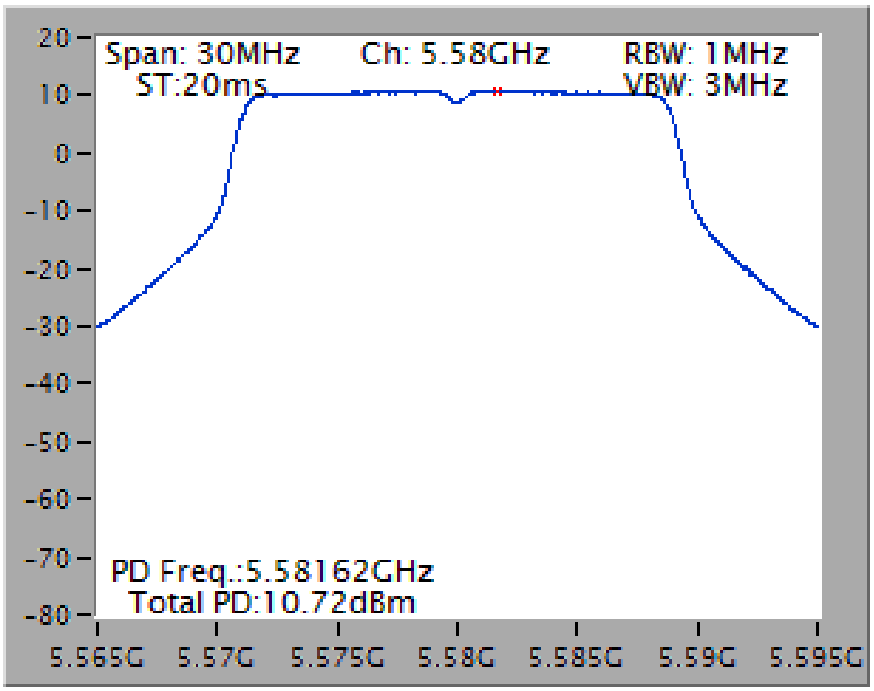
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



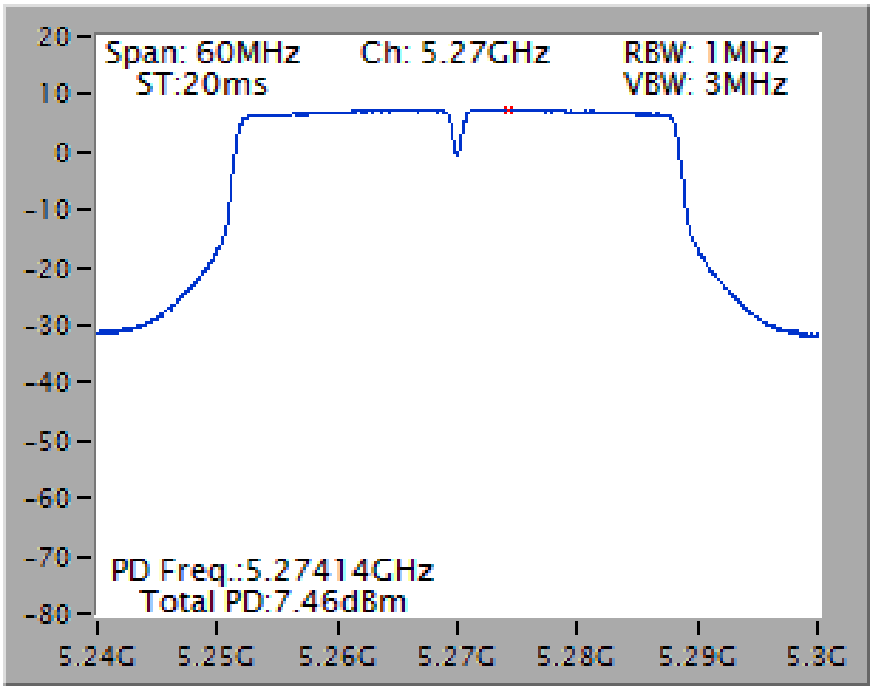
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



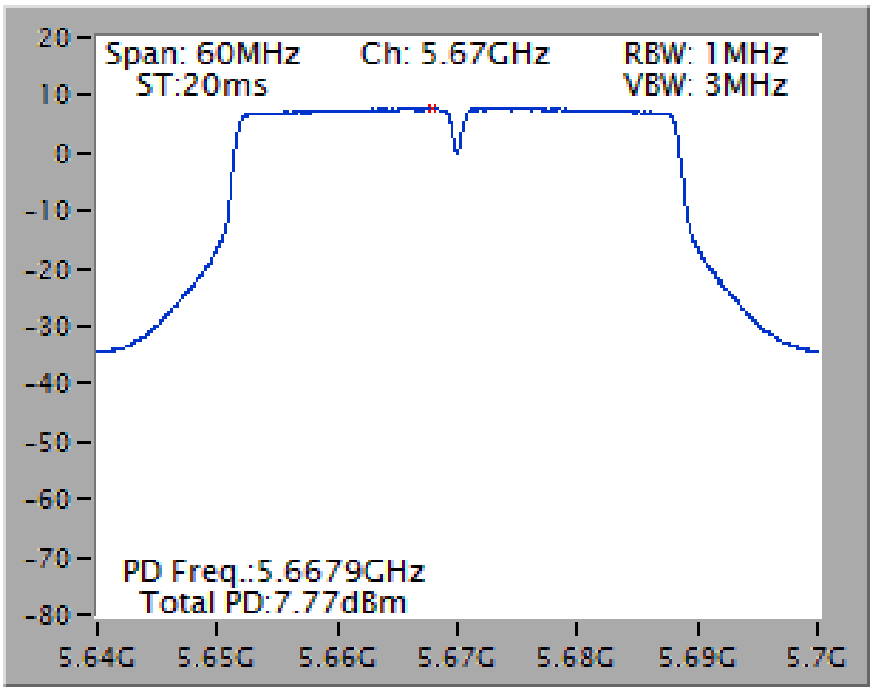
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



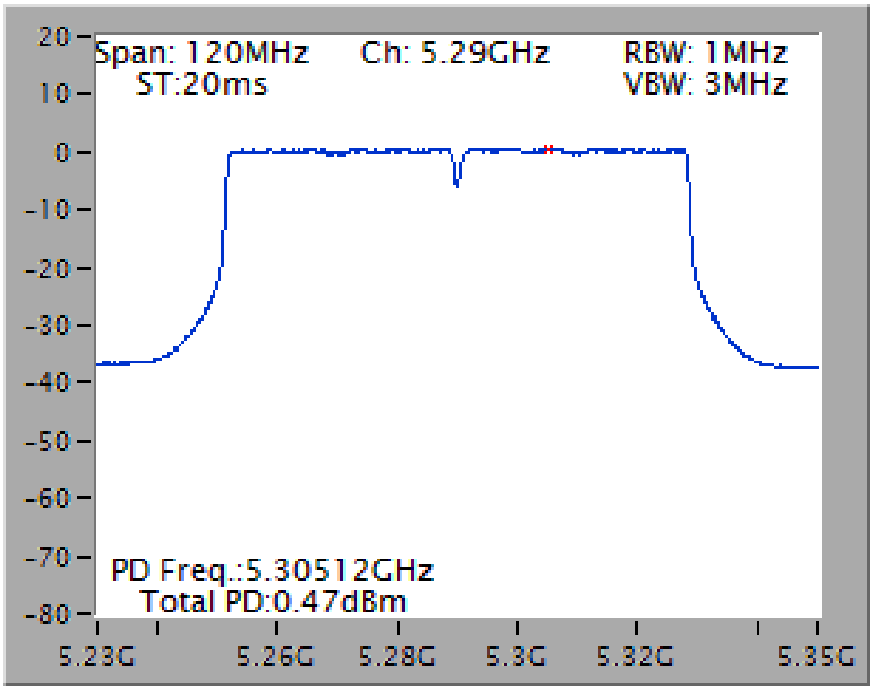
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



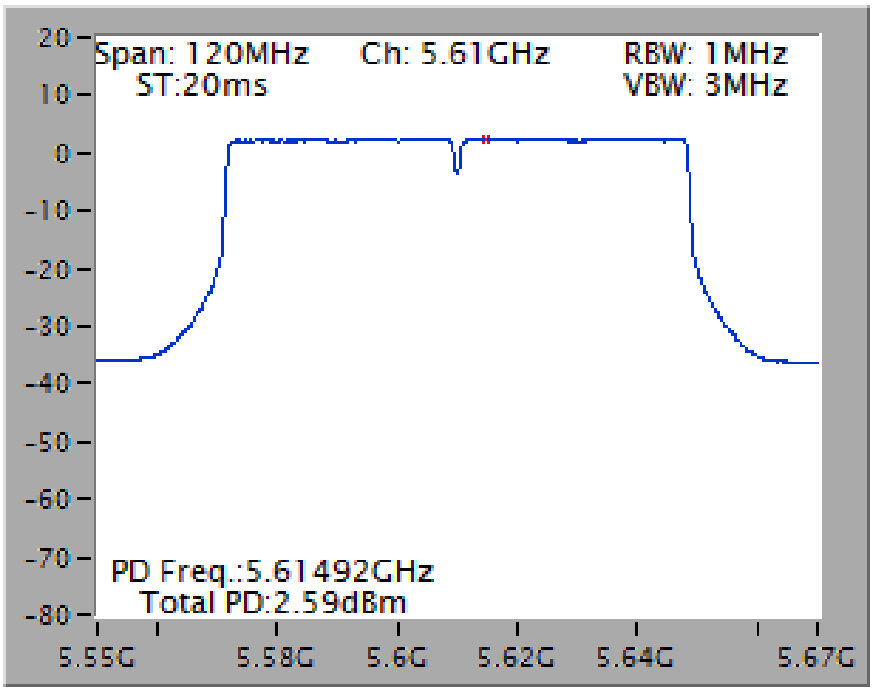
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5670 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

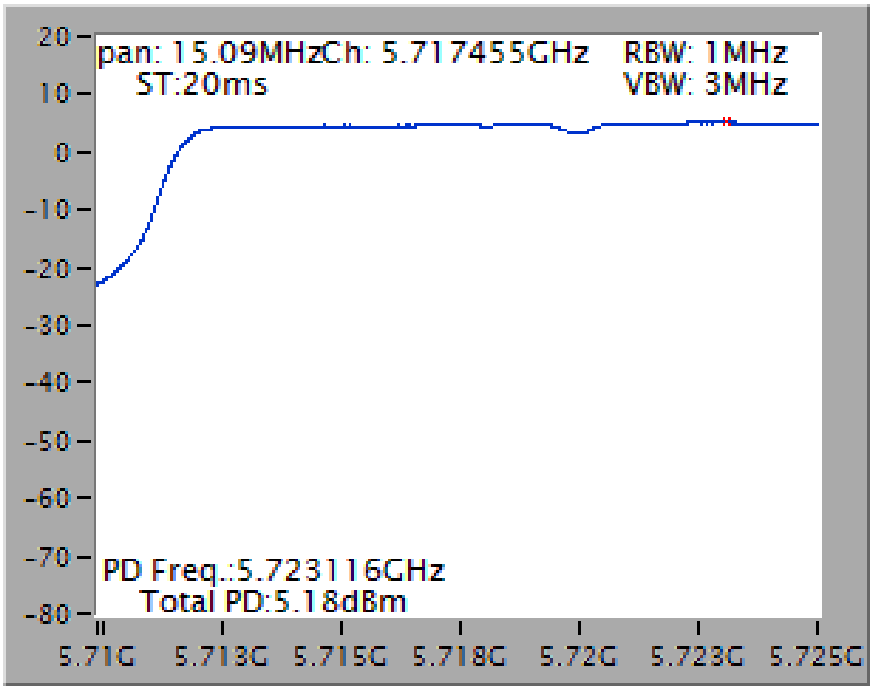


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

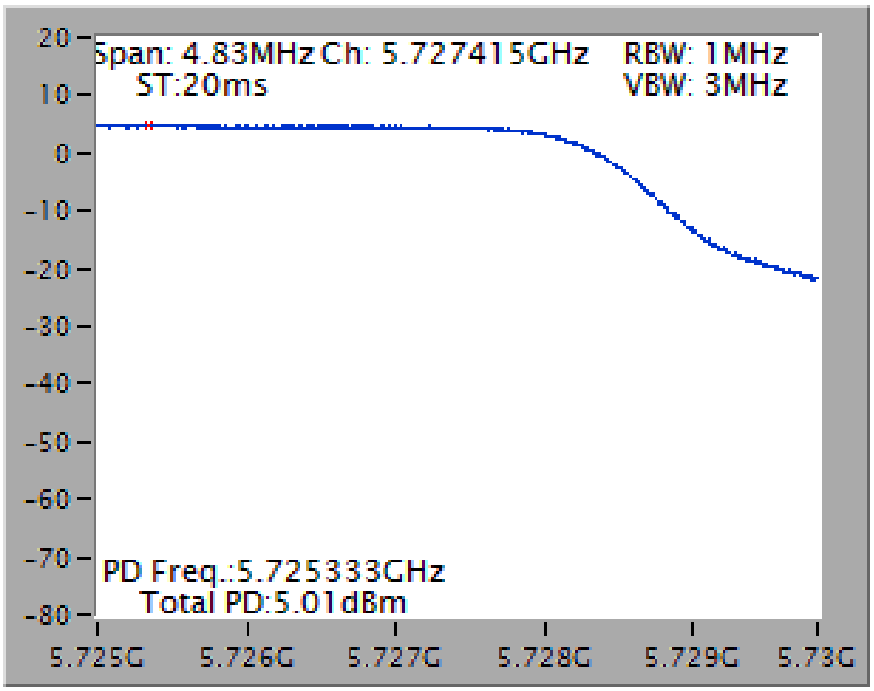


Straddle Channel

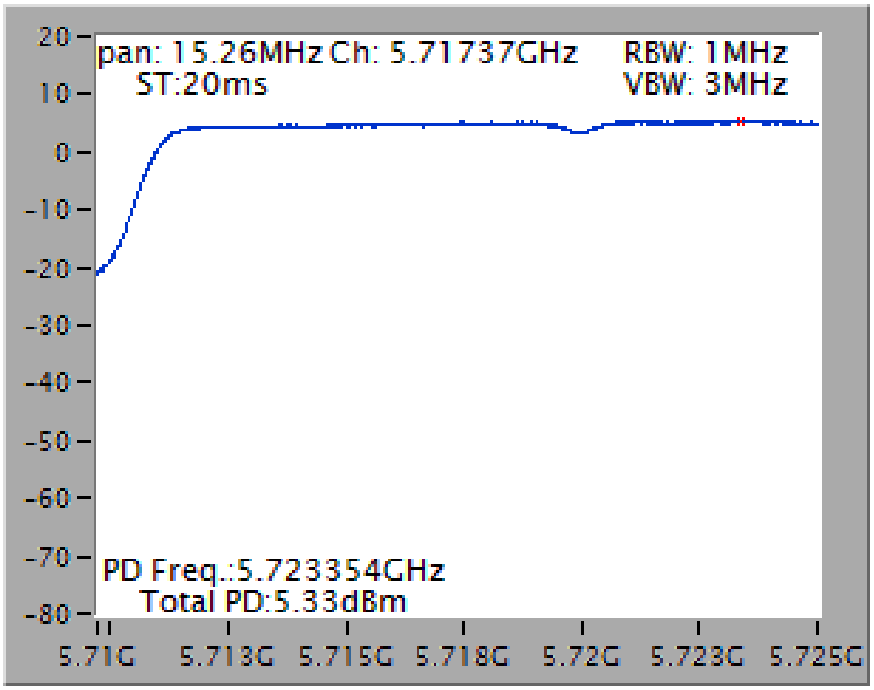
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



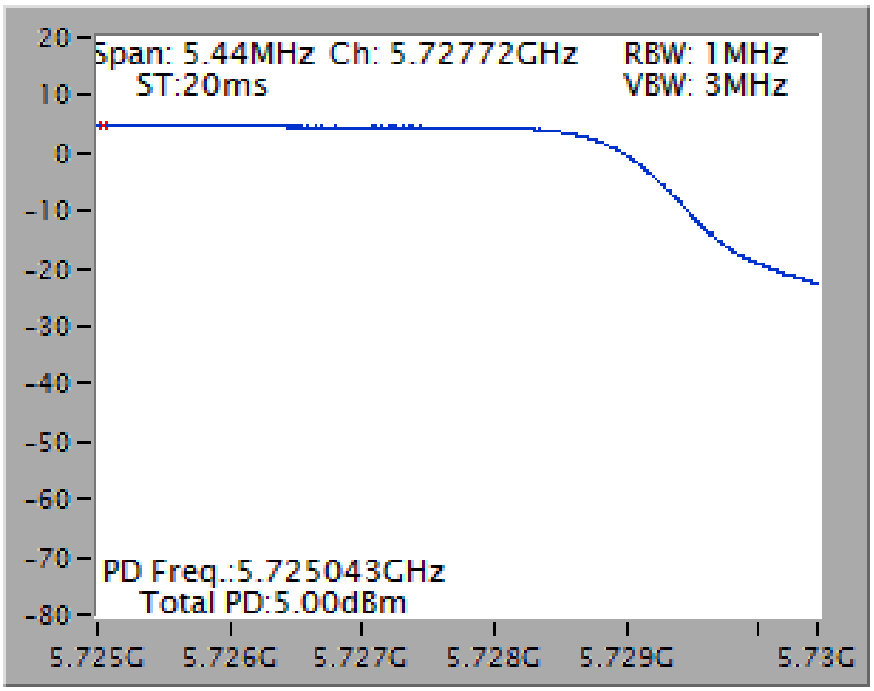
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



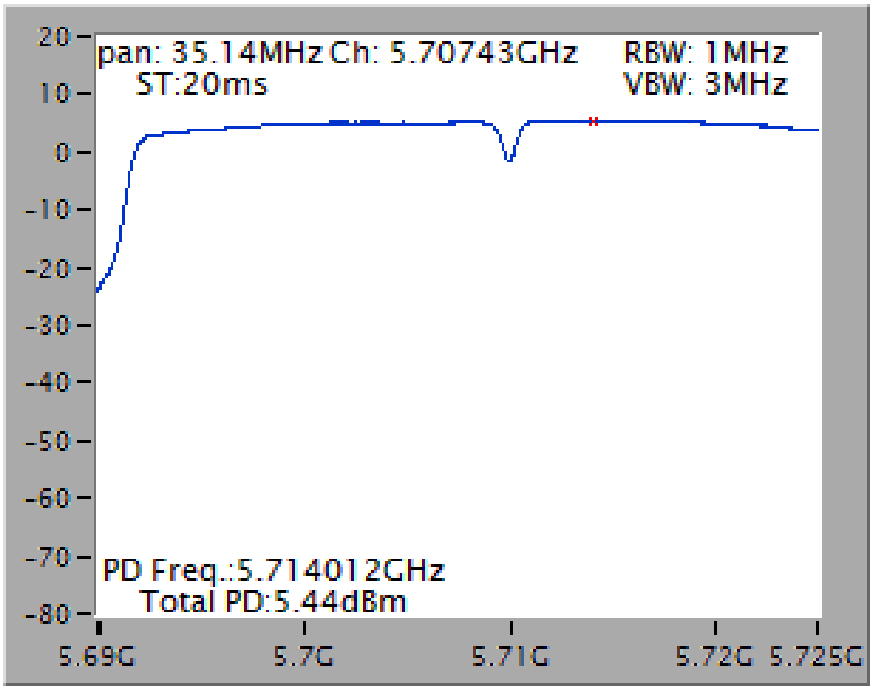
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



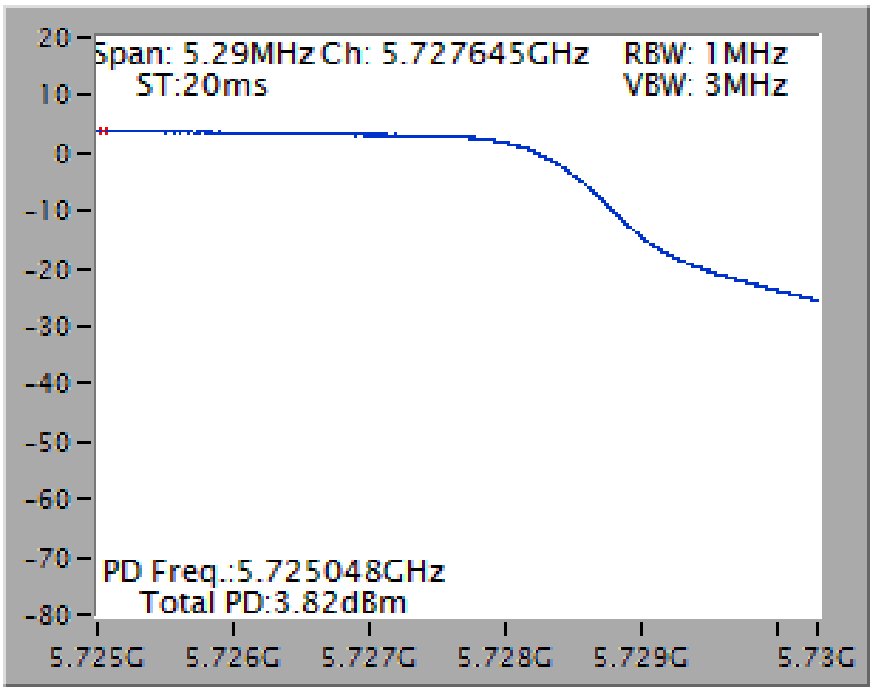
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



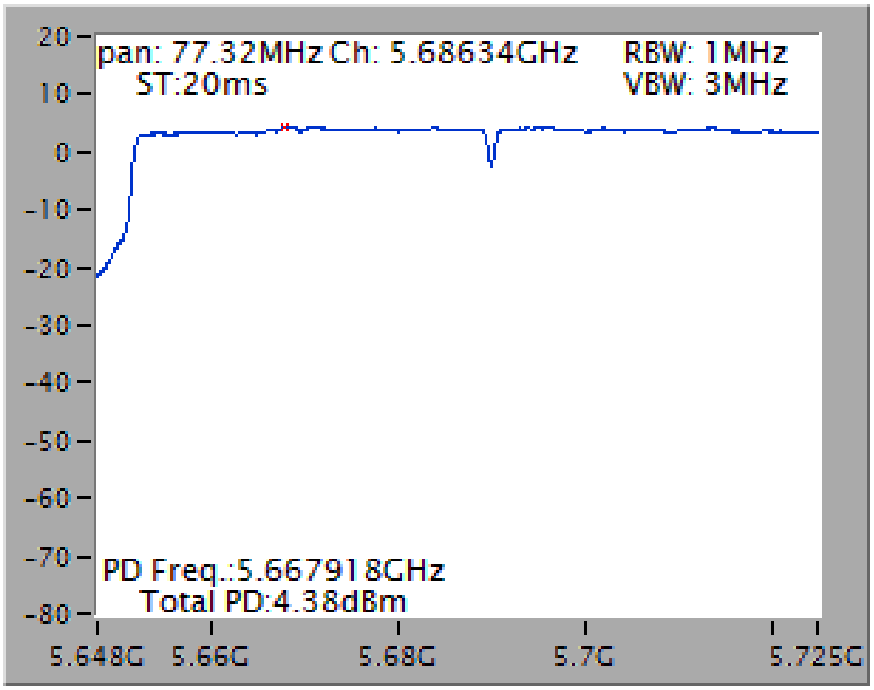
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



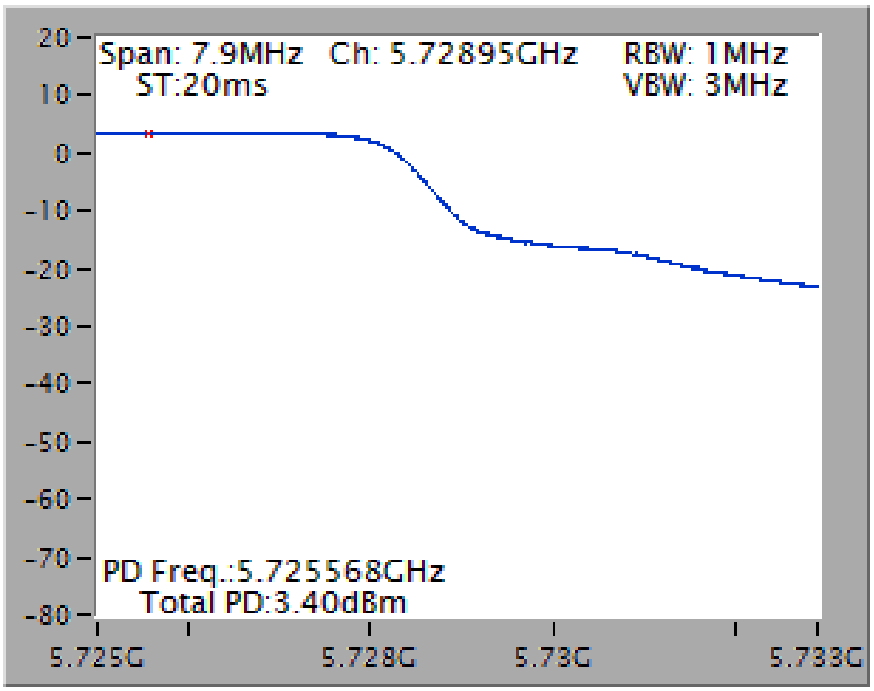
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



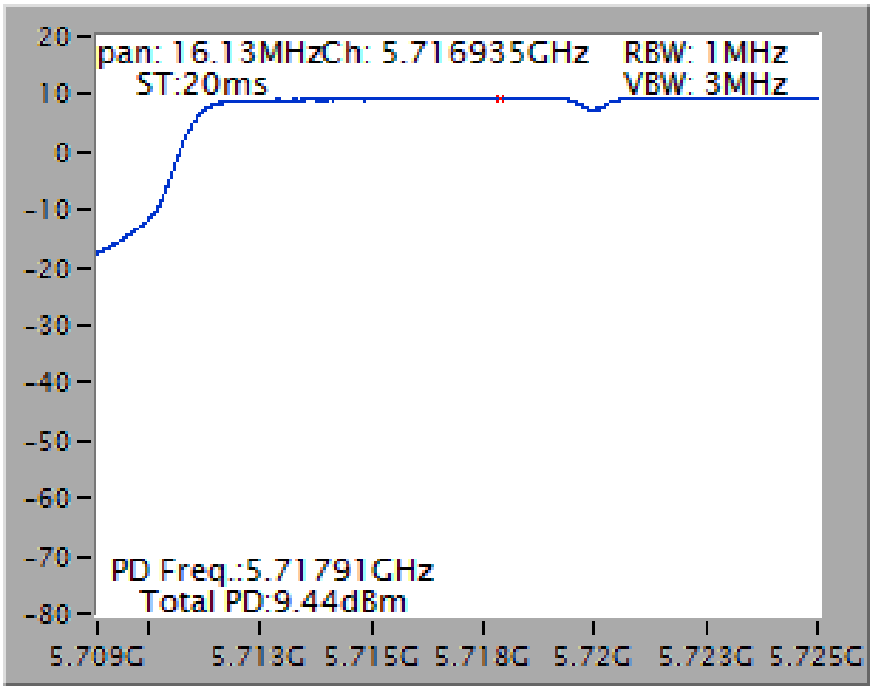
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



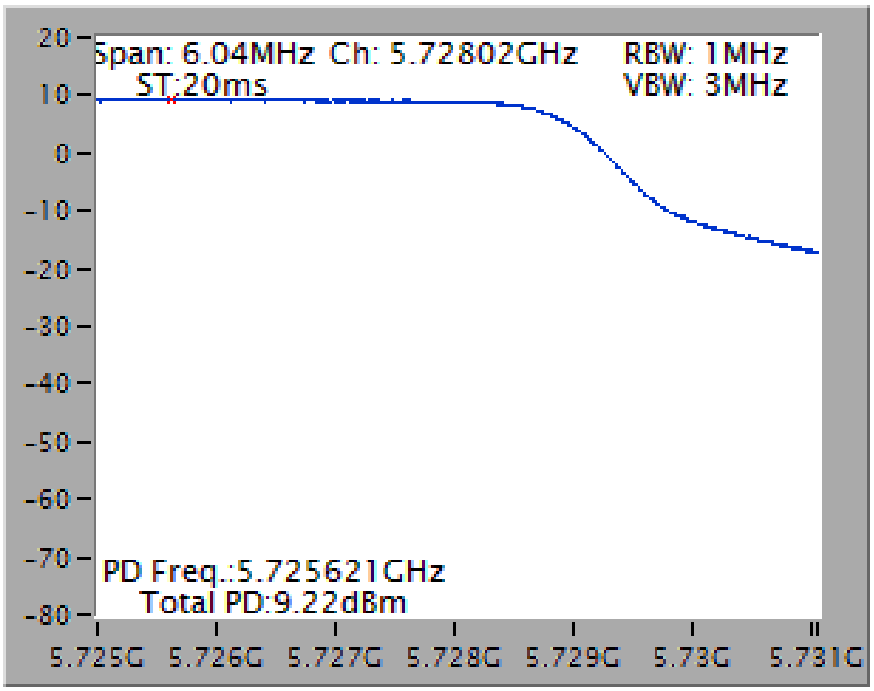
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



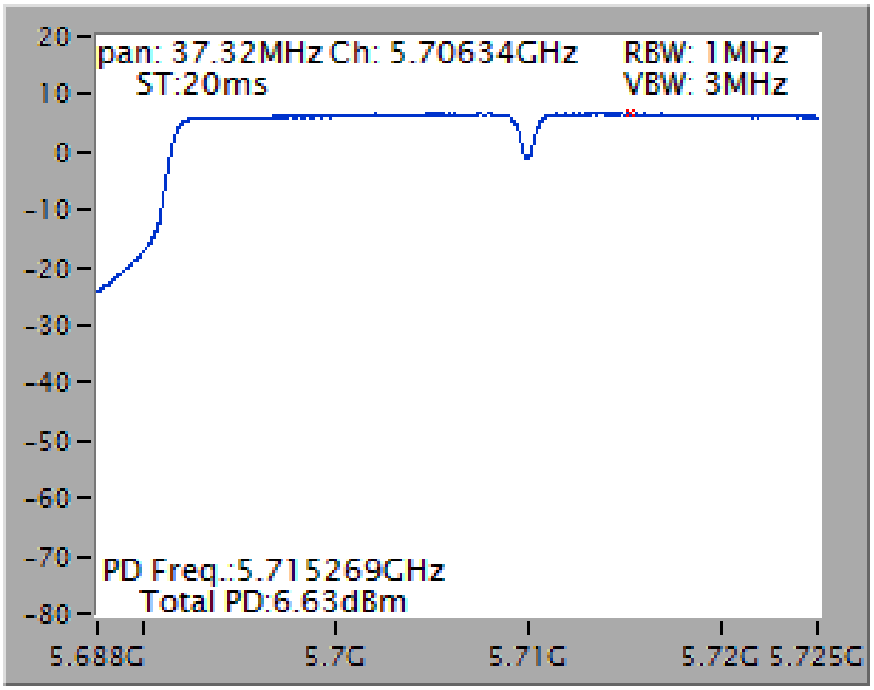
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



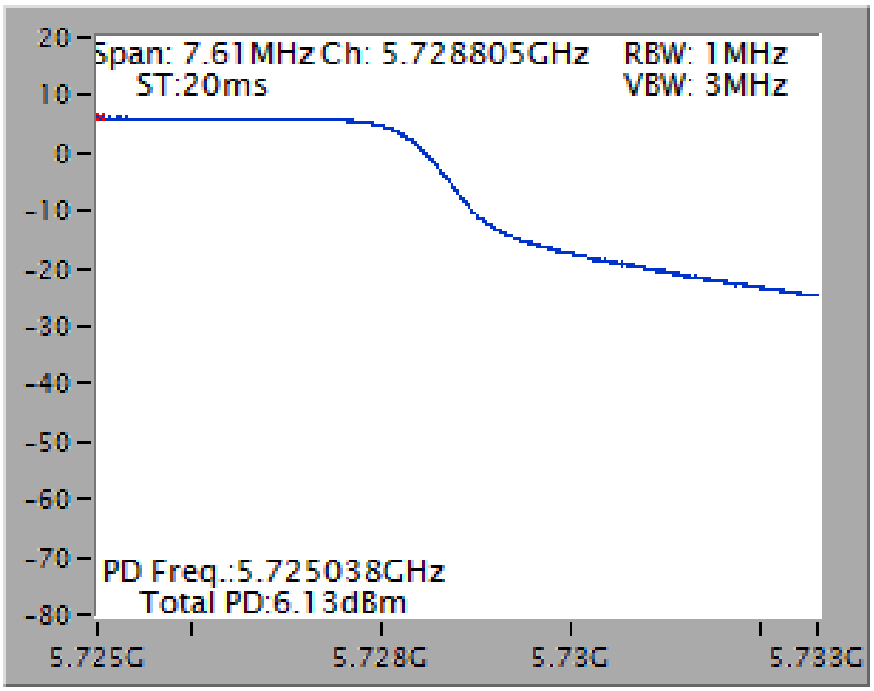
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



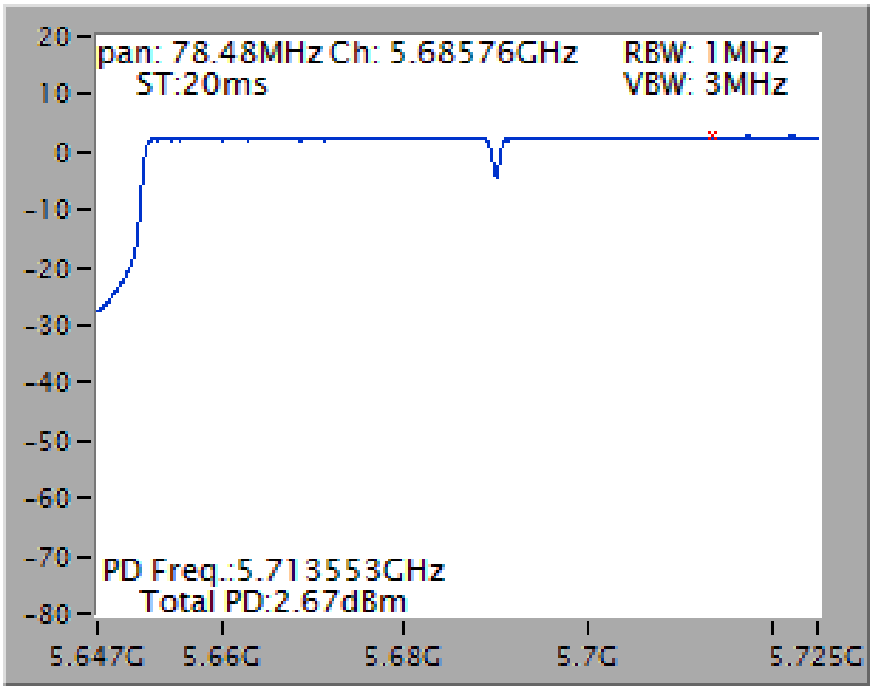
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



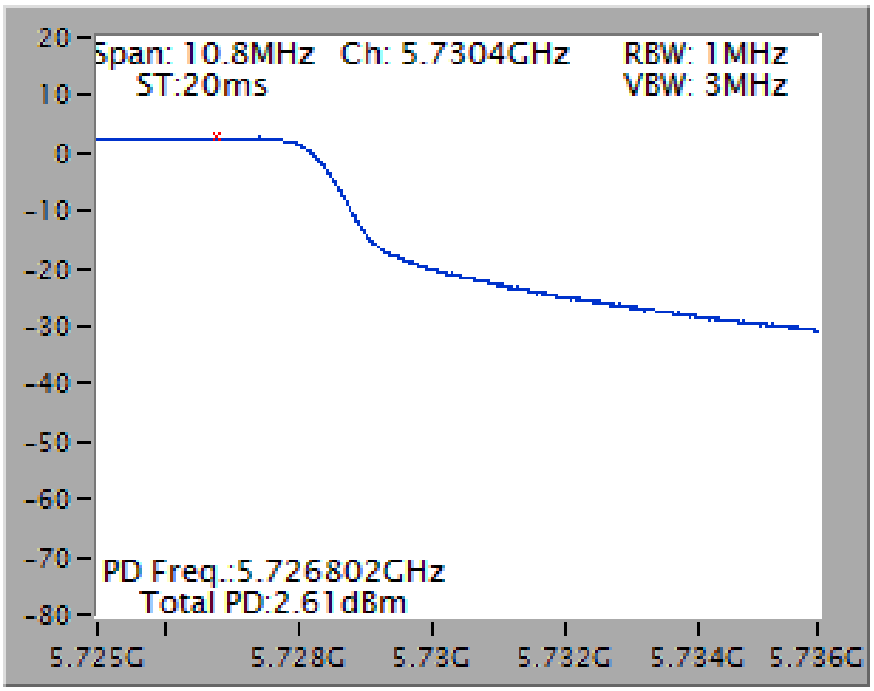
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

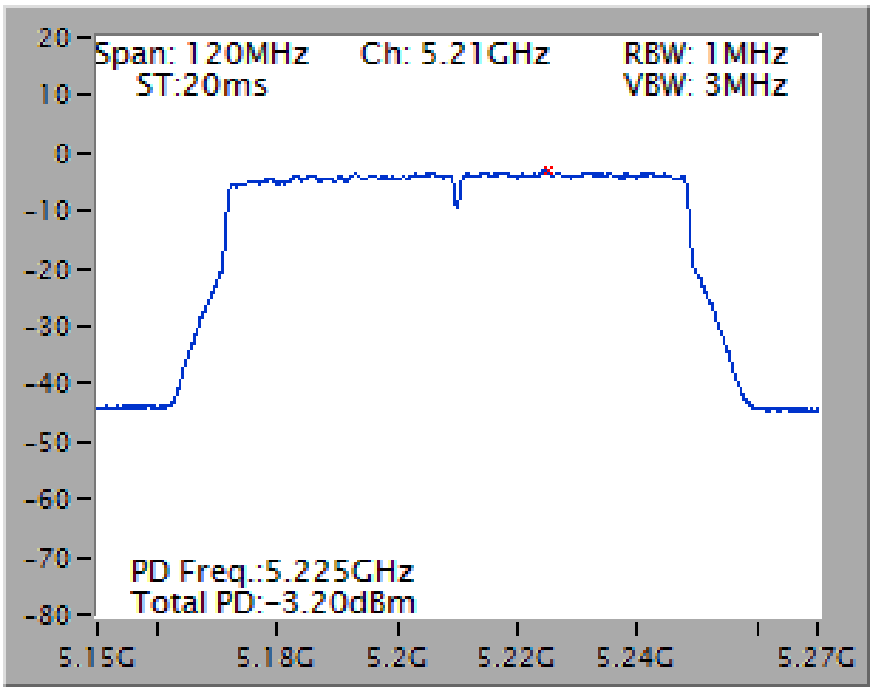


802.11ac MCS0/Nss2 VHT80+80

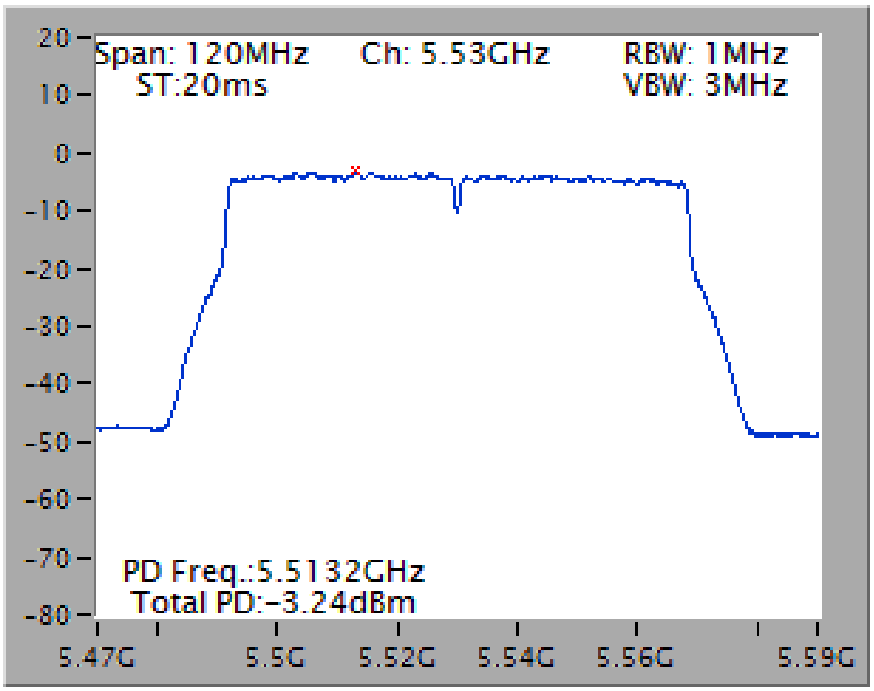
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

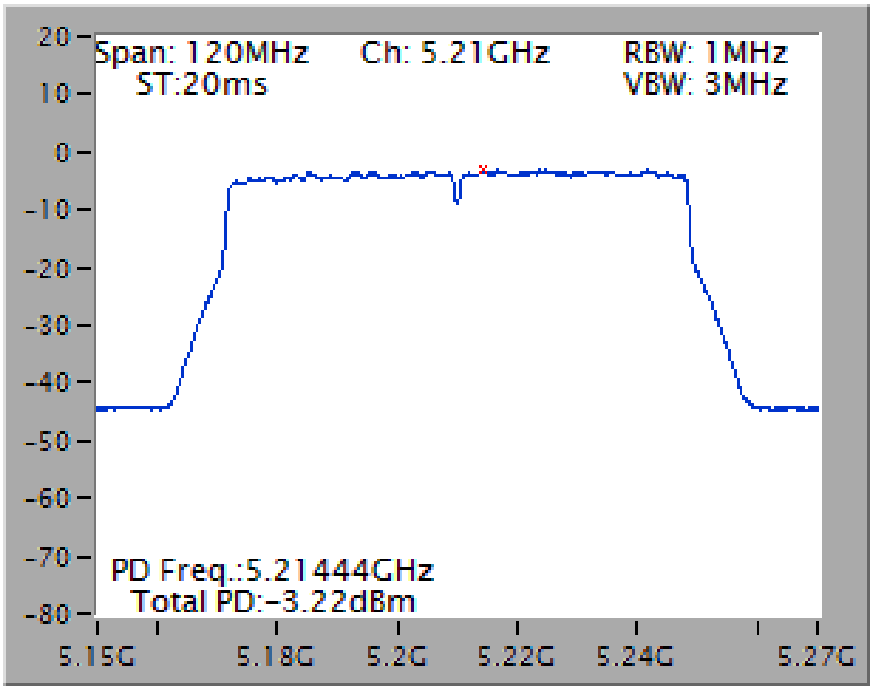


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

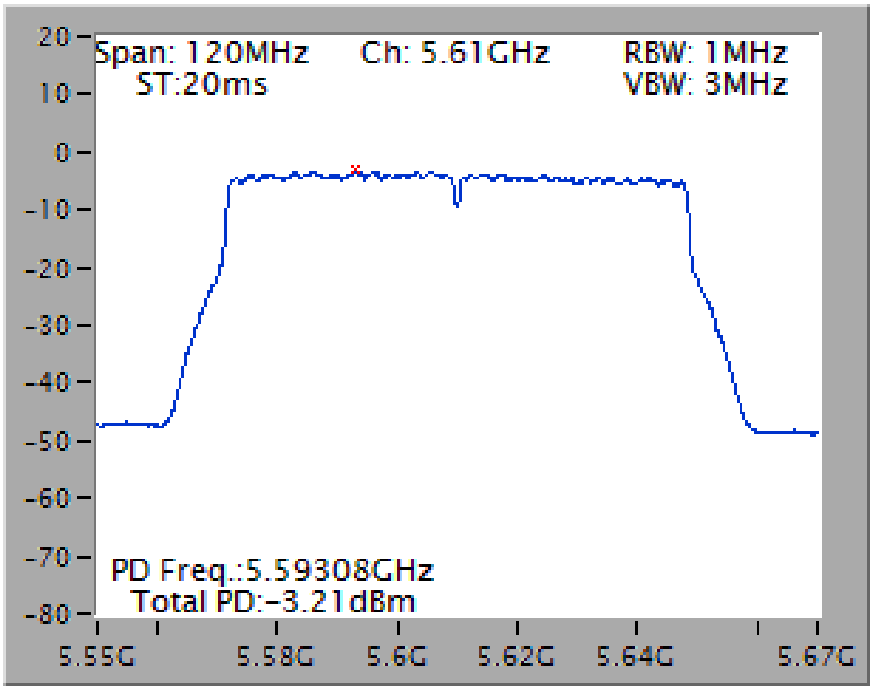


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

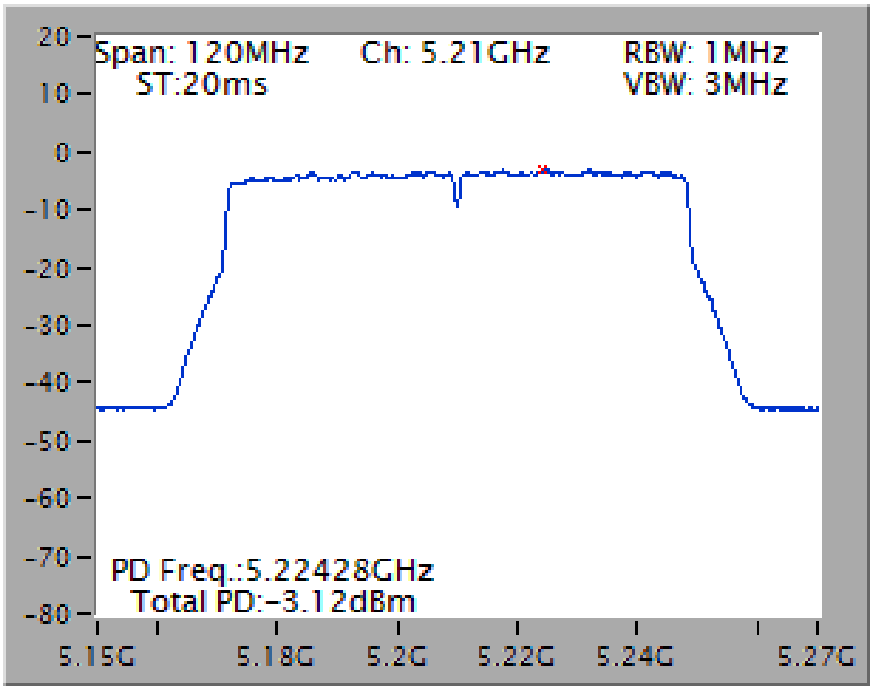


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

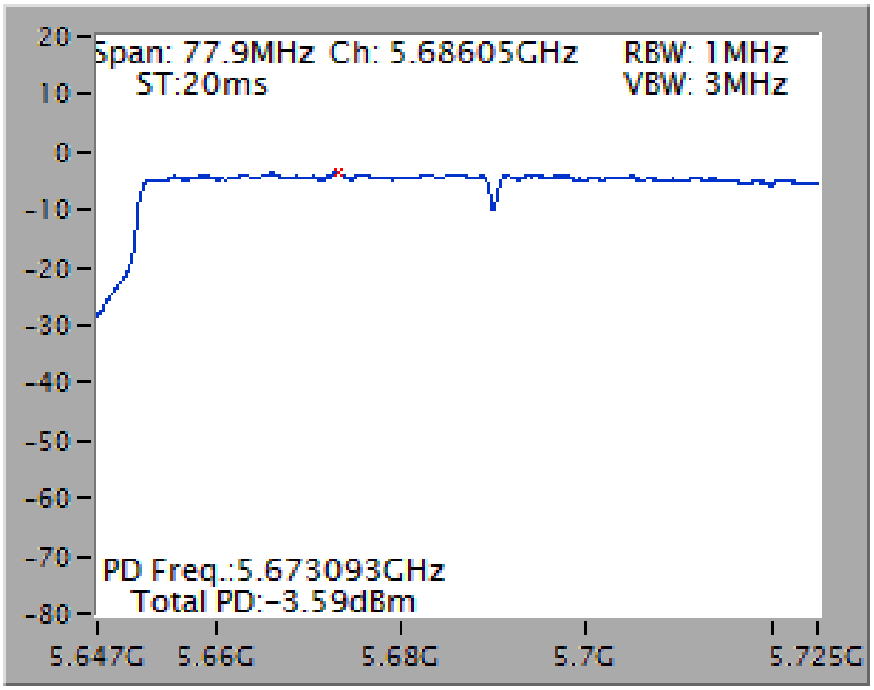


Type 3

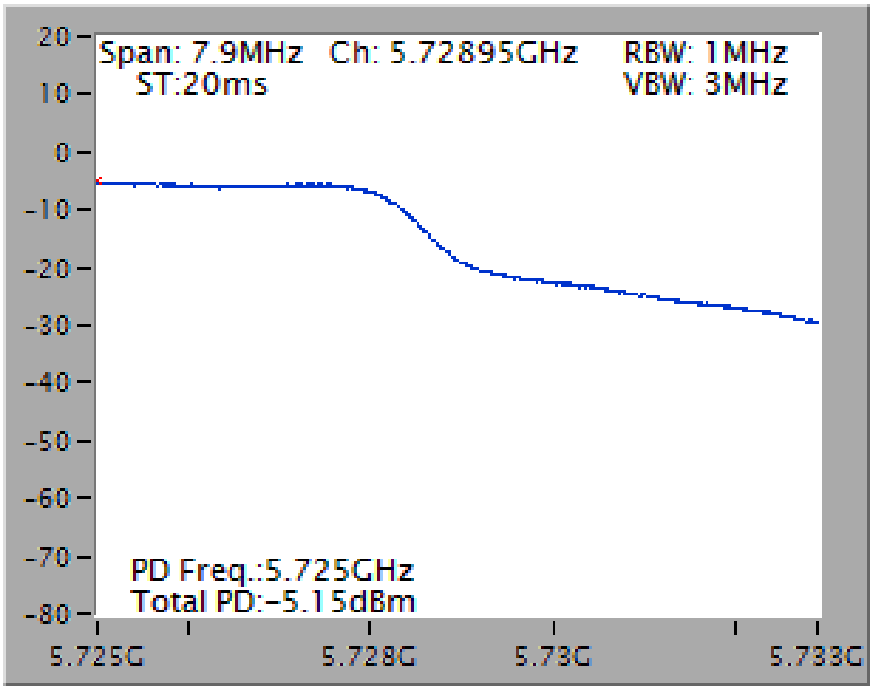
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

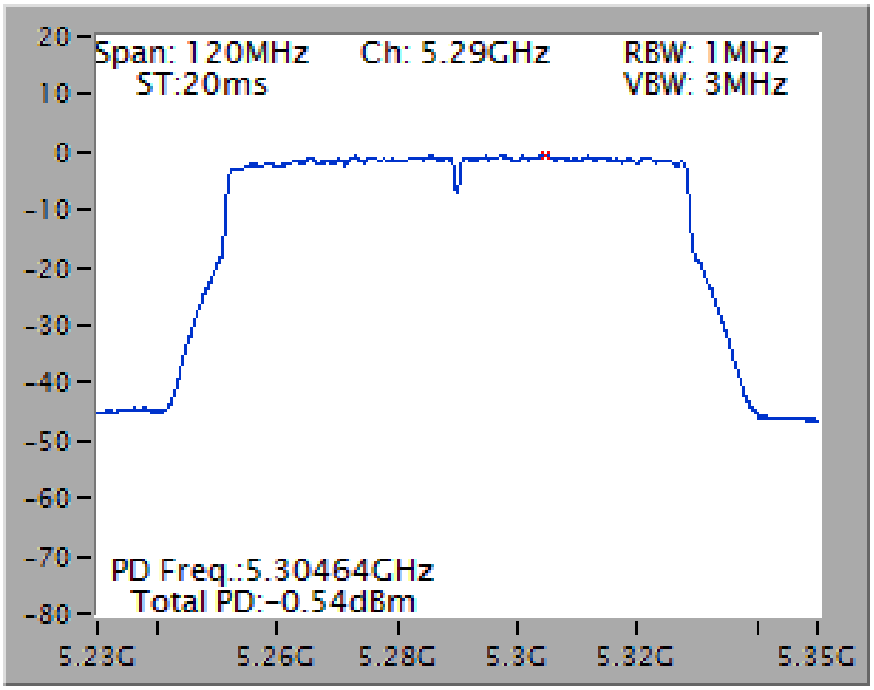


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

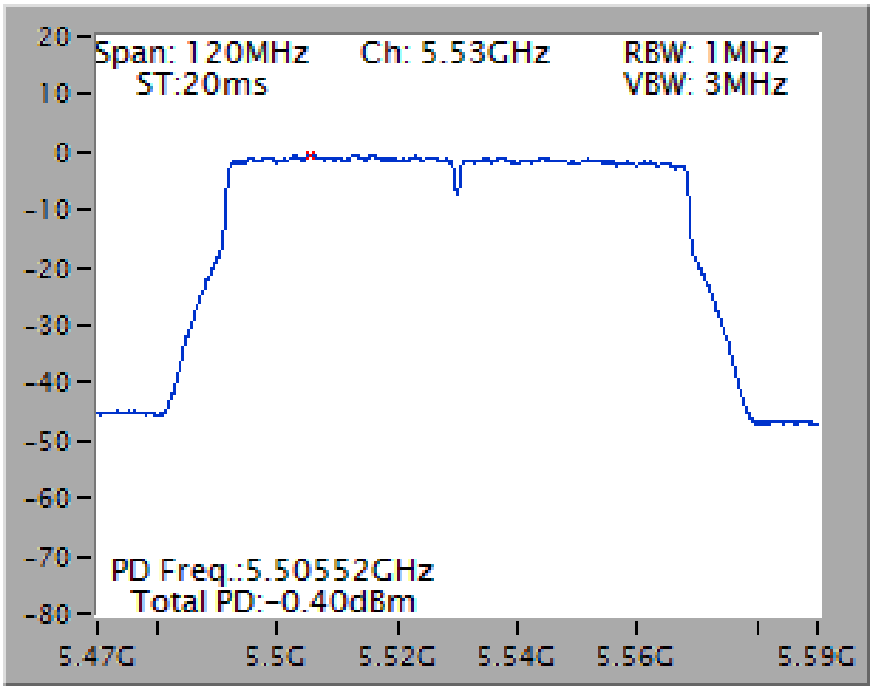


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

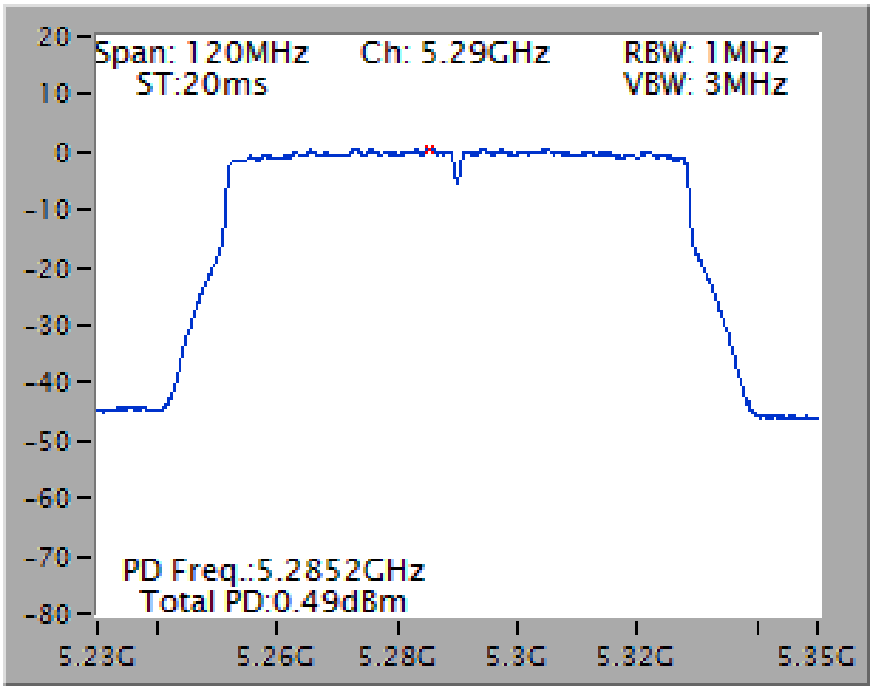


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

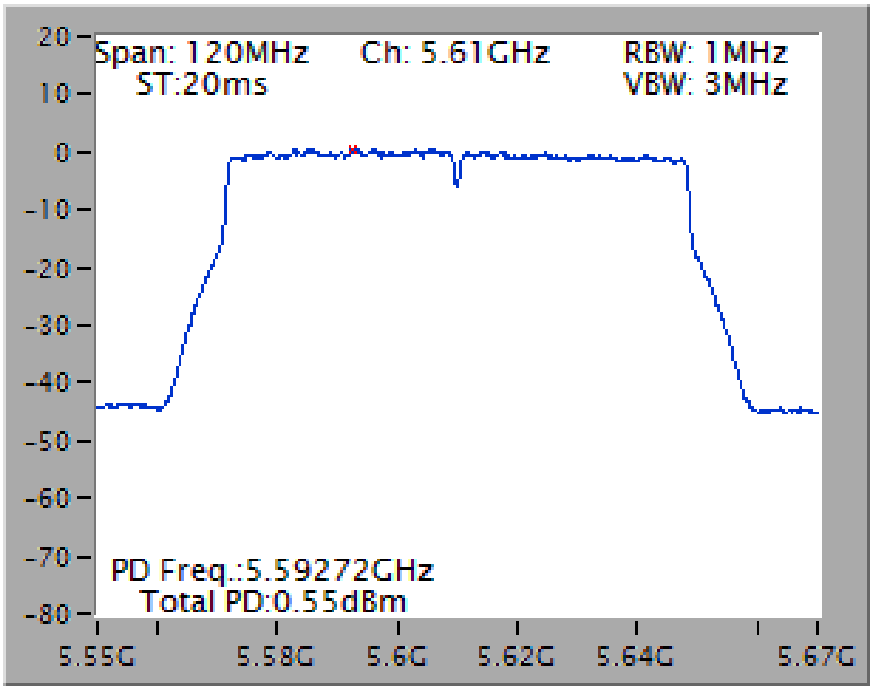


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

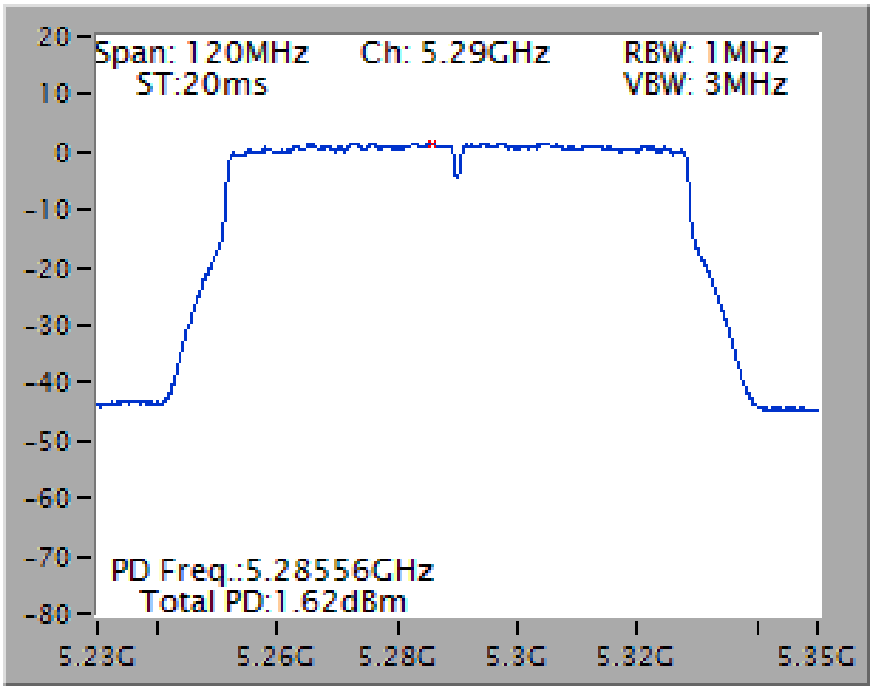


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

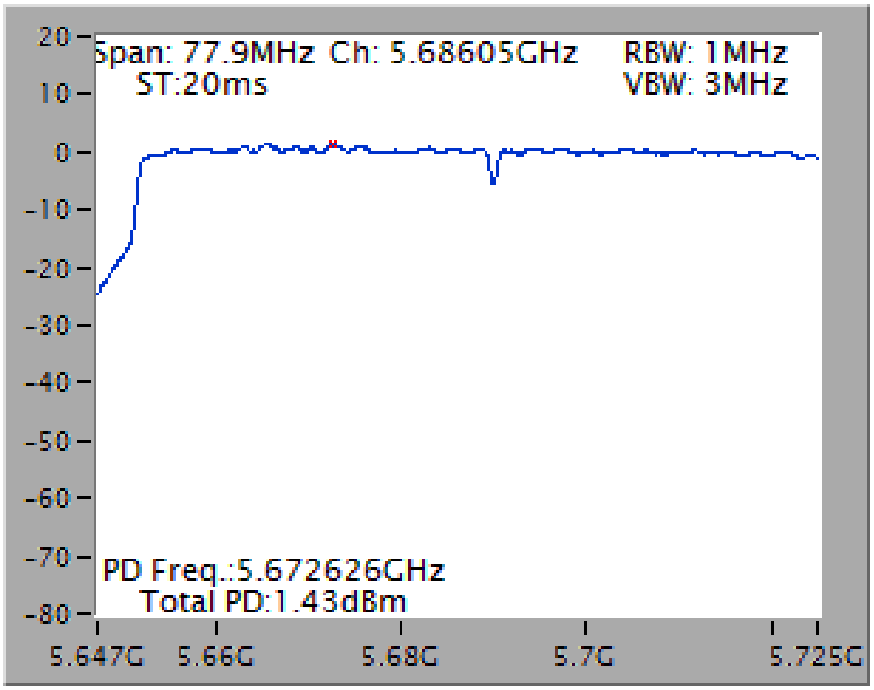


Type 6

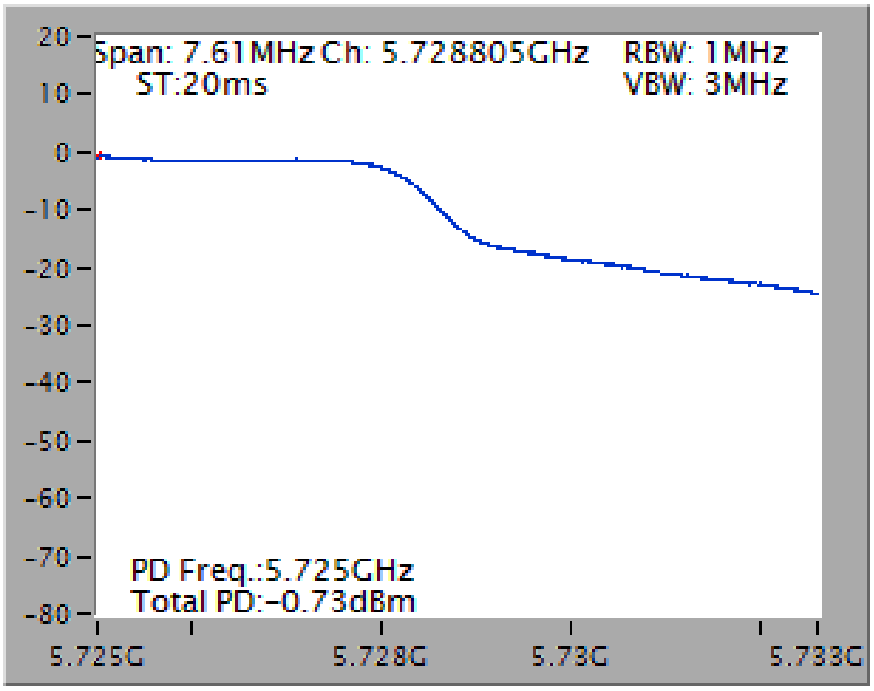
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

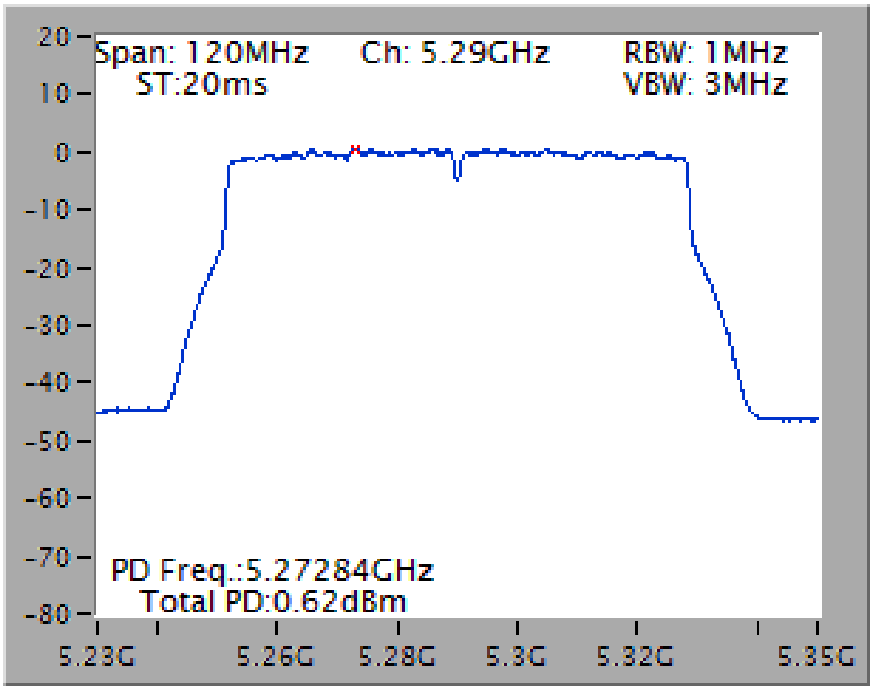


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

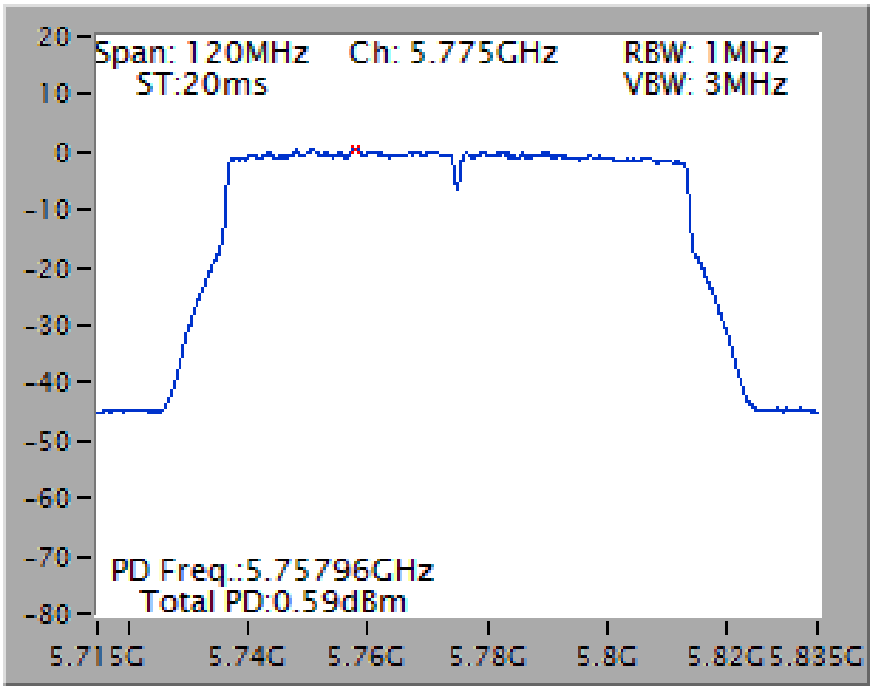


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

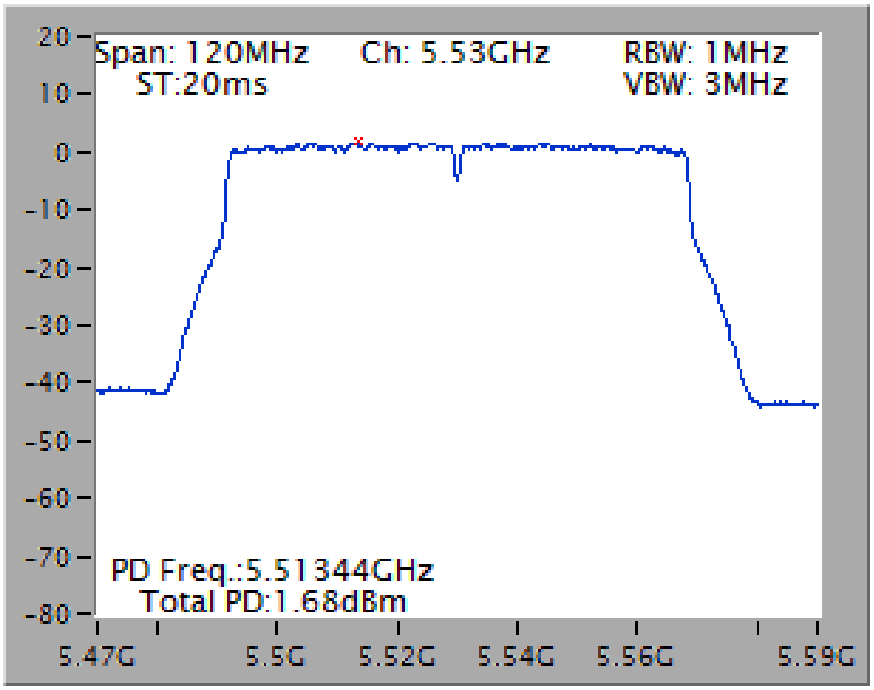


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

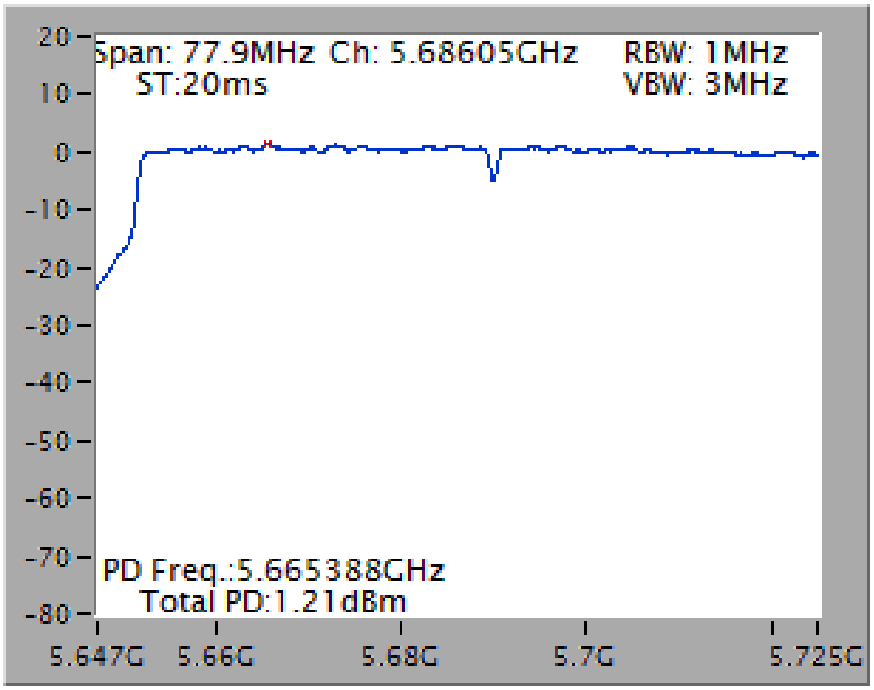


Type 8

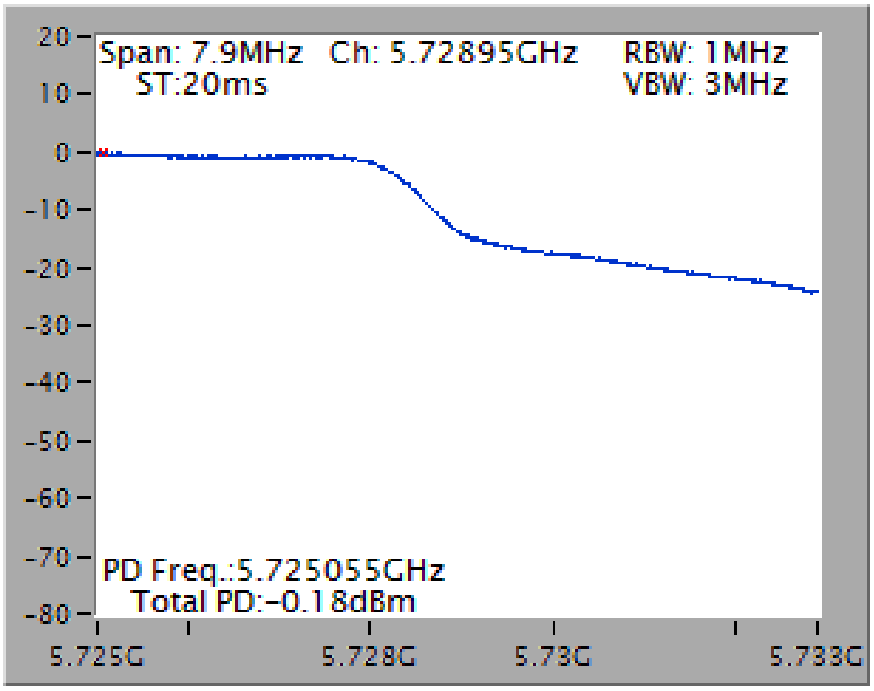
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

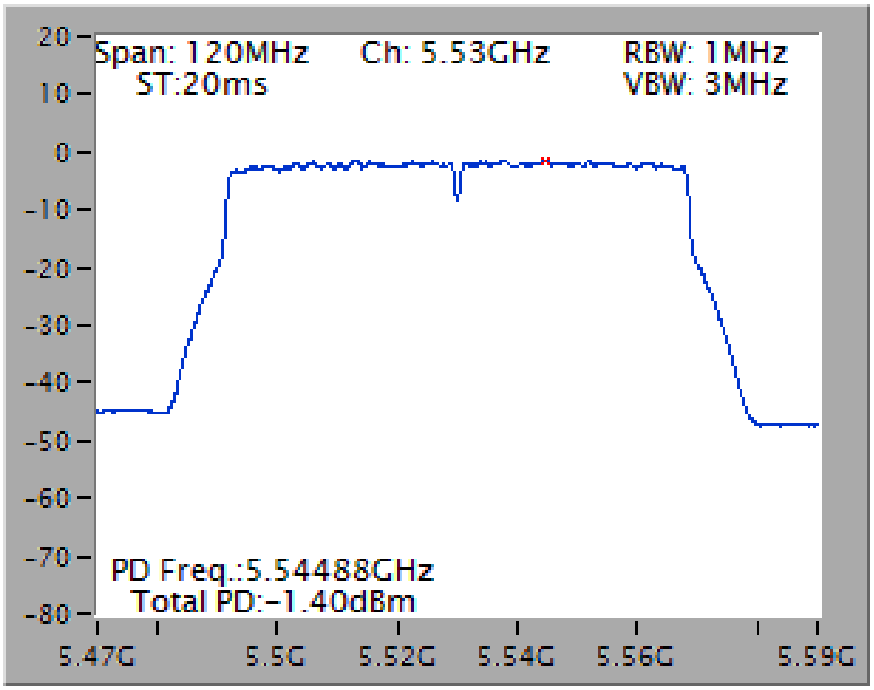


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

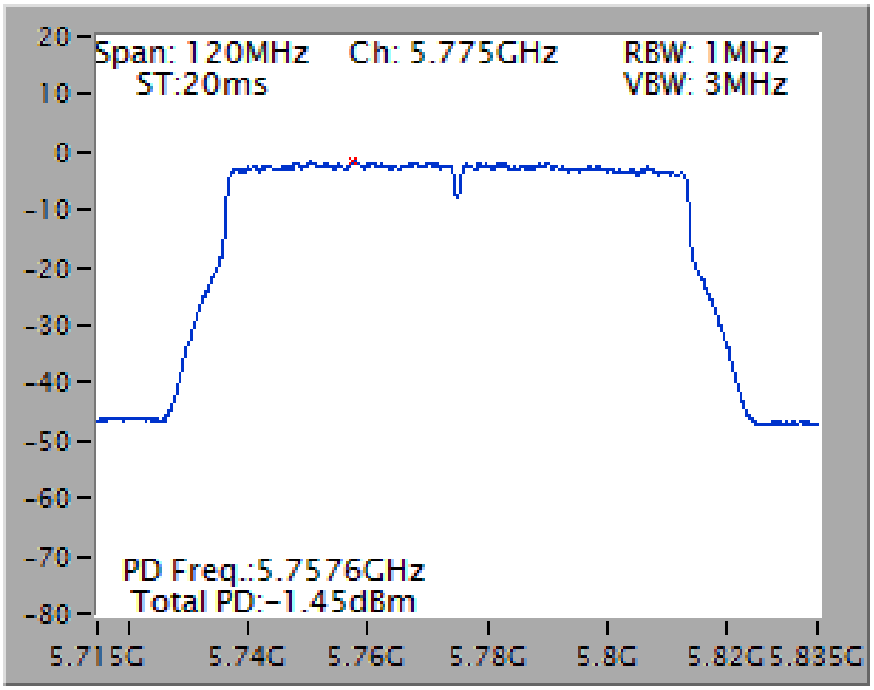


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

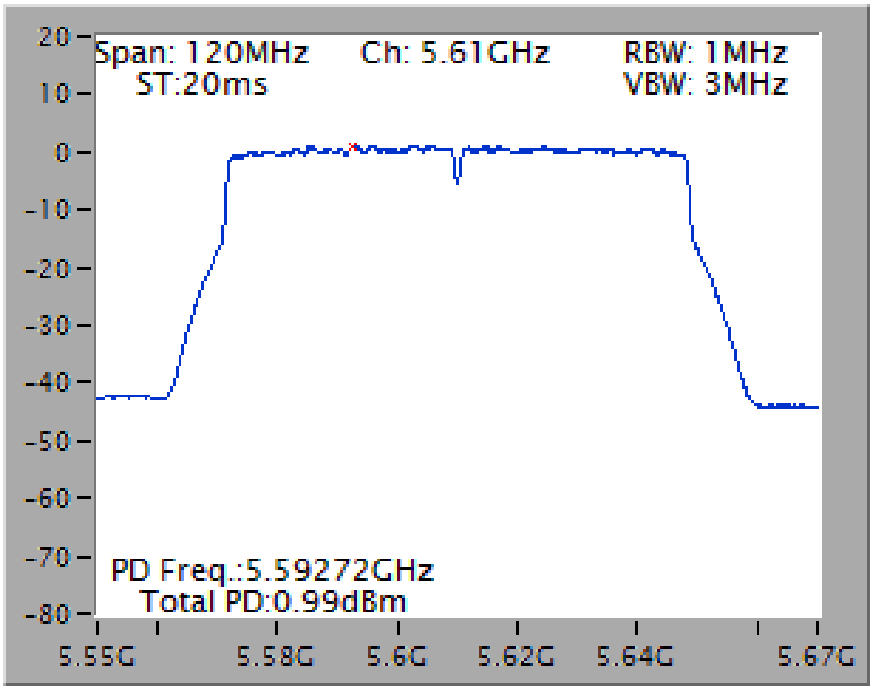


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

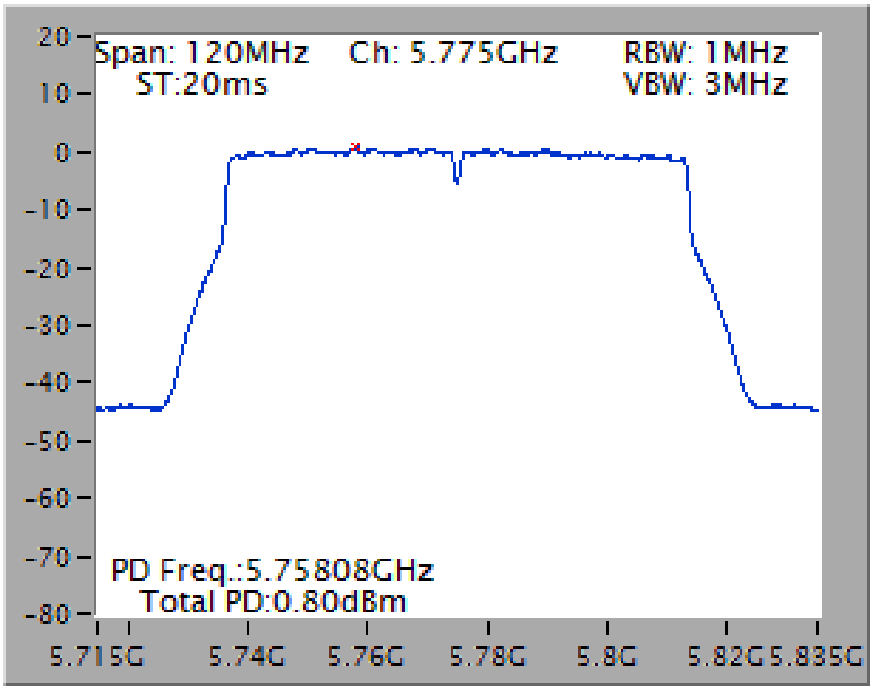


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

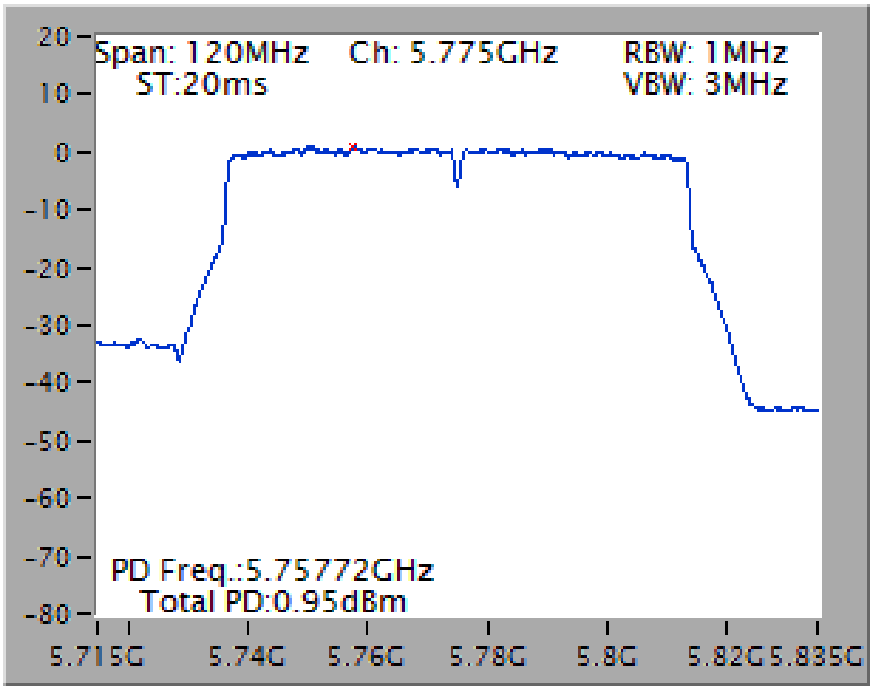


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

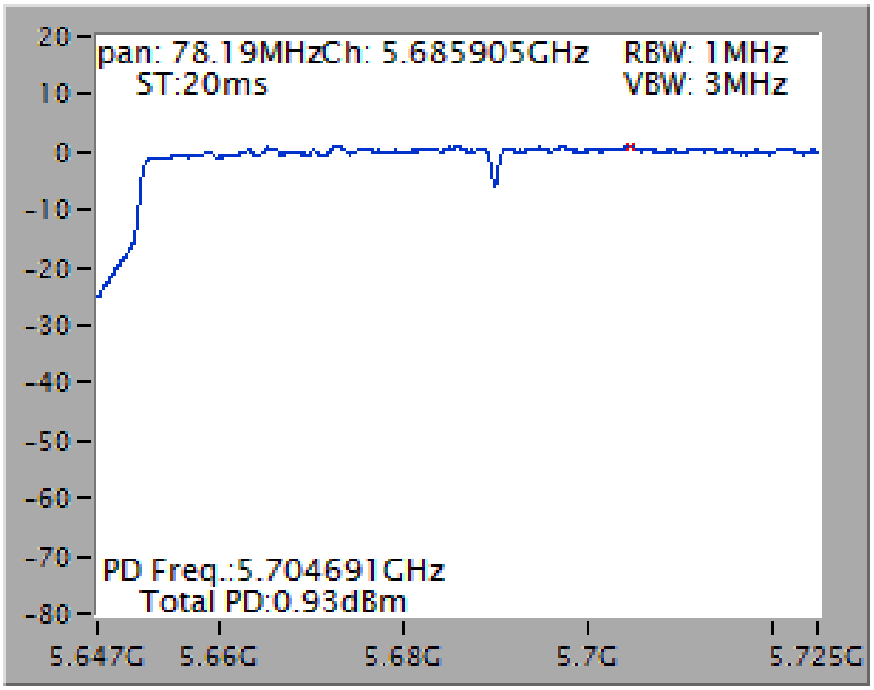


Type 11

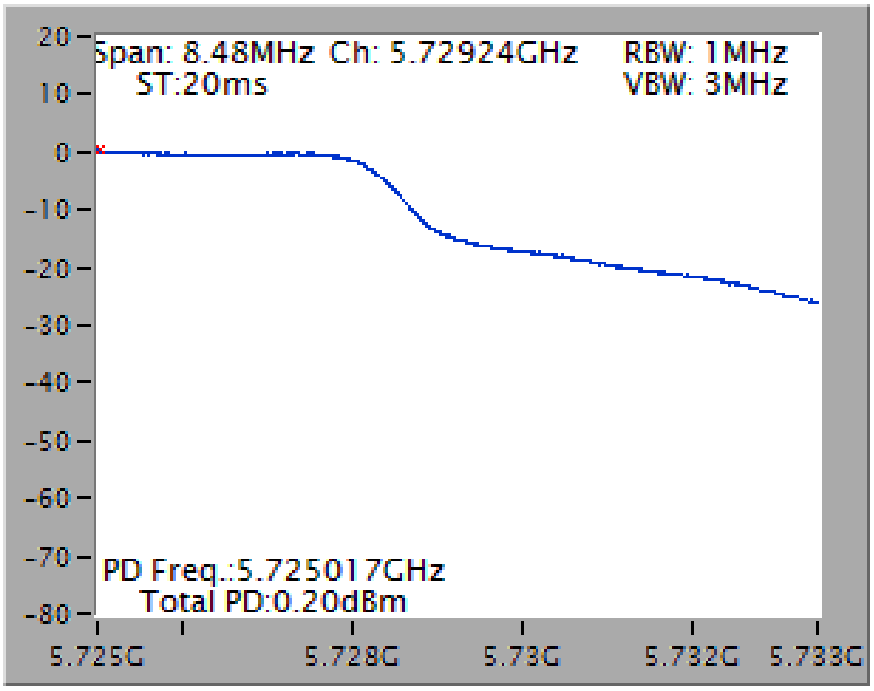
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

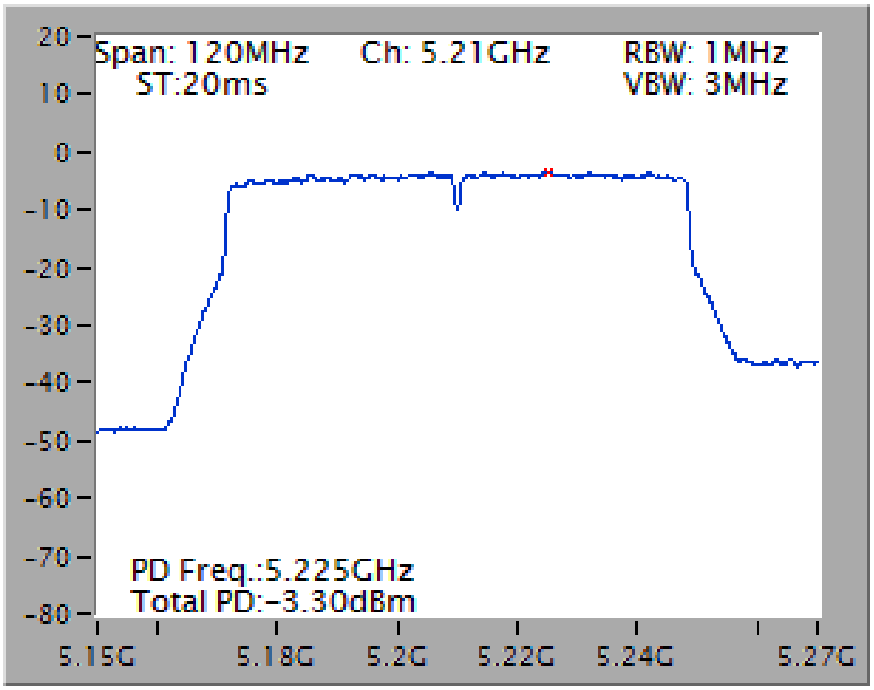


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

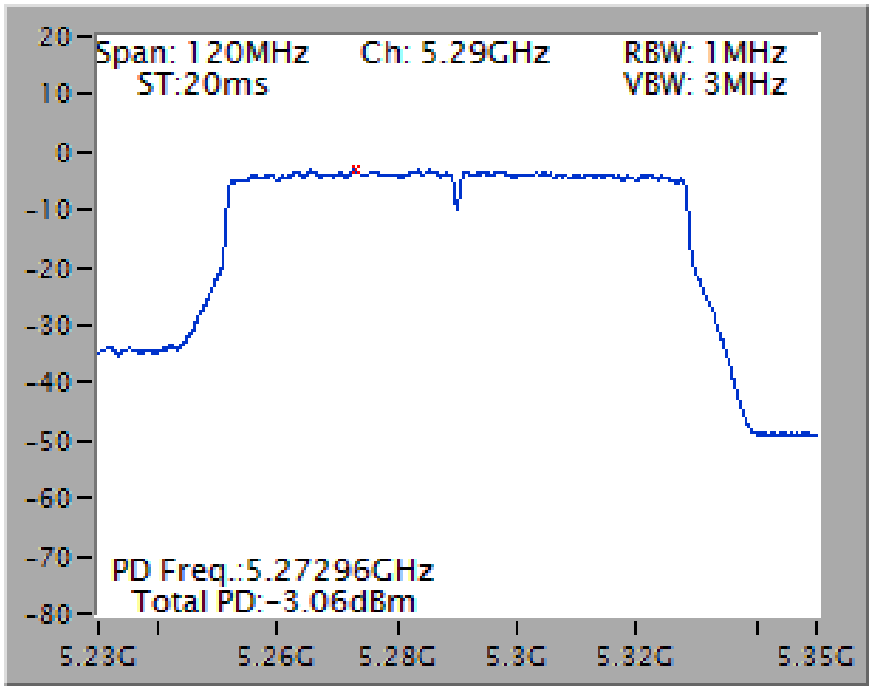


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

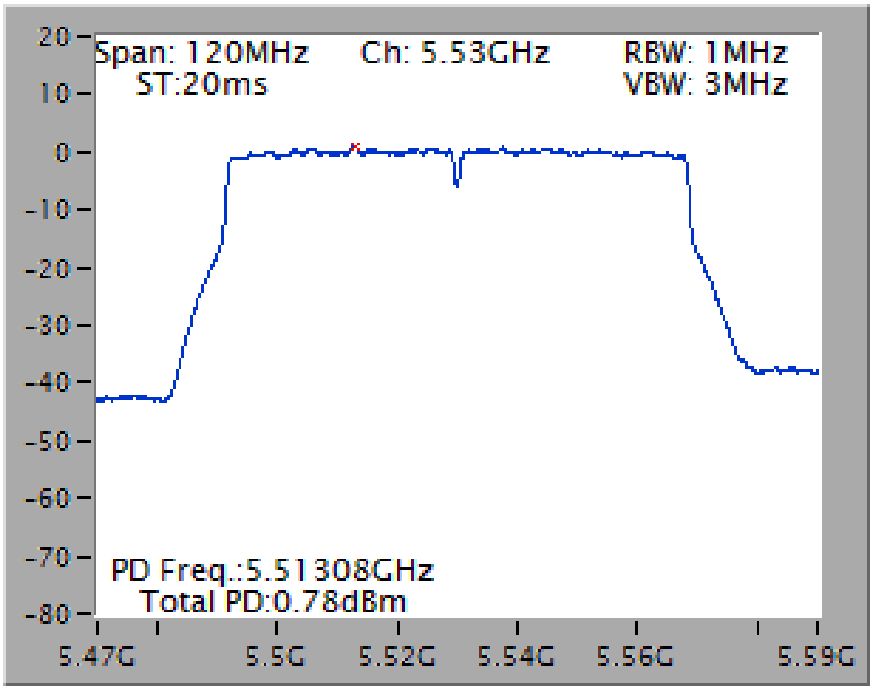


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

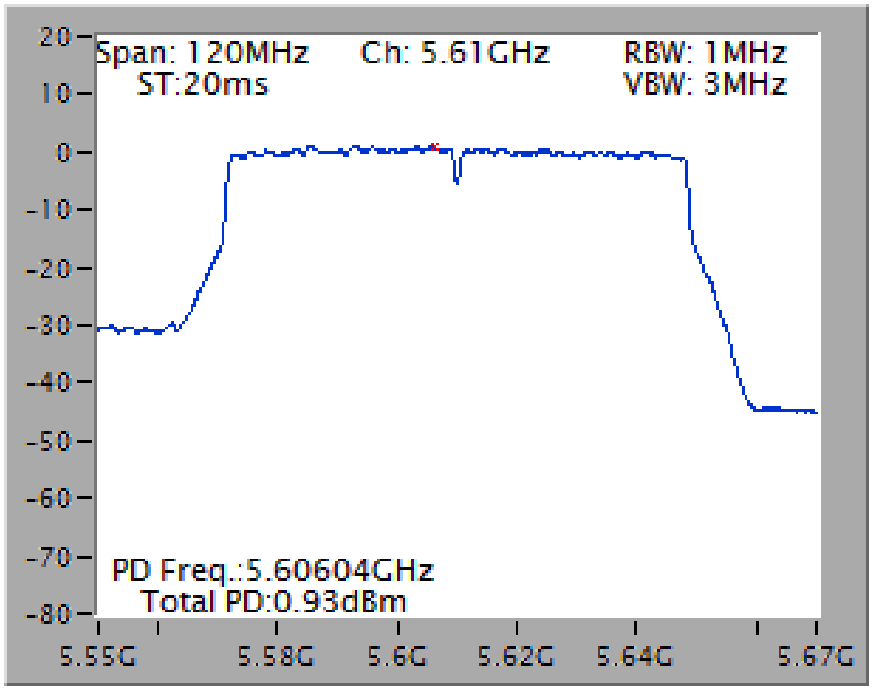


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

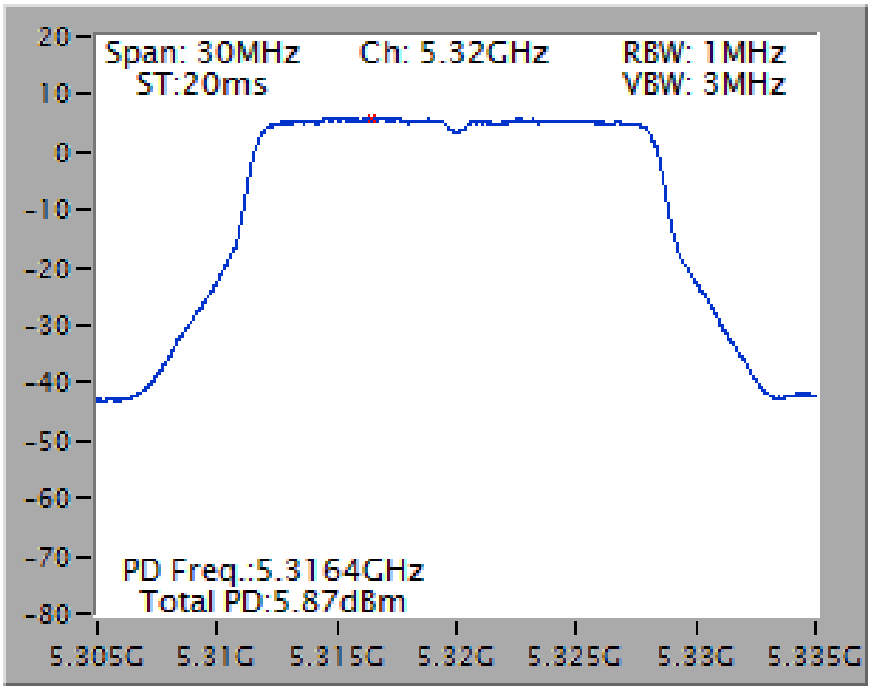


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

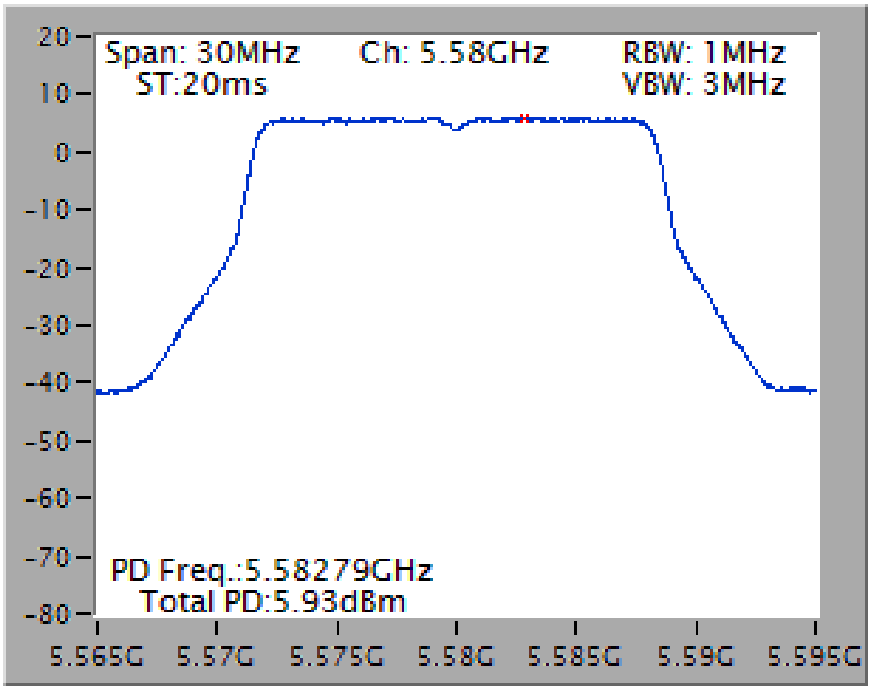


For Mode 2:

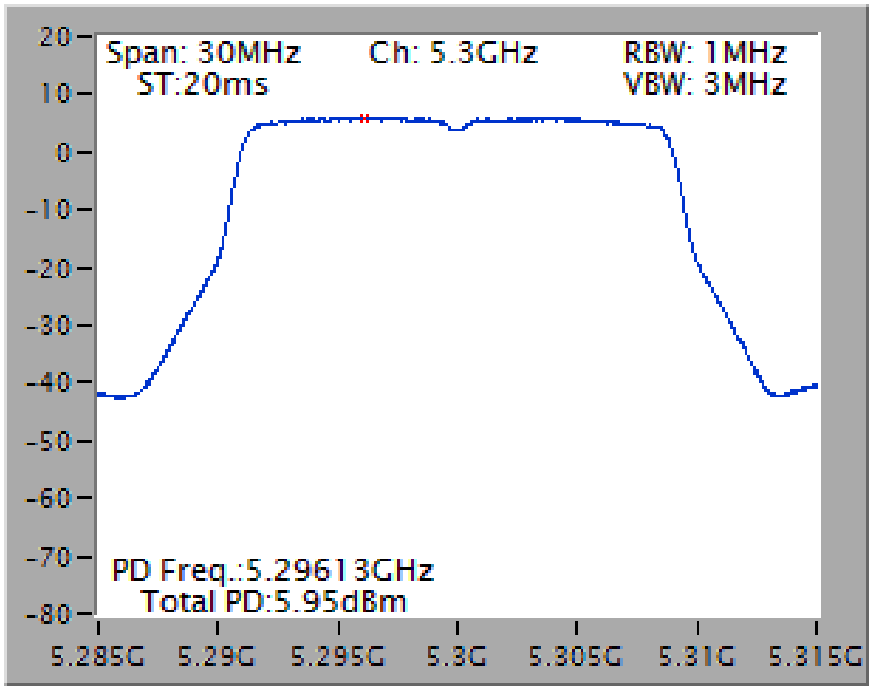
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



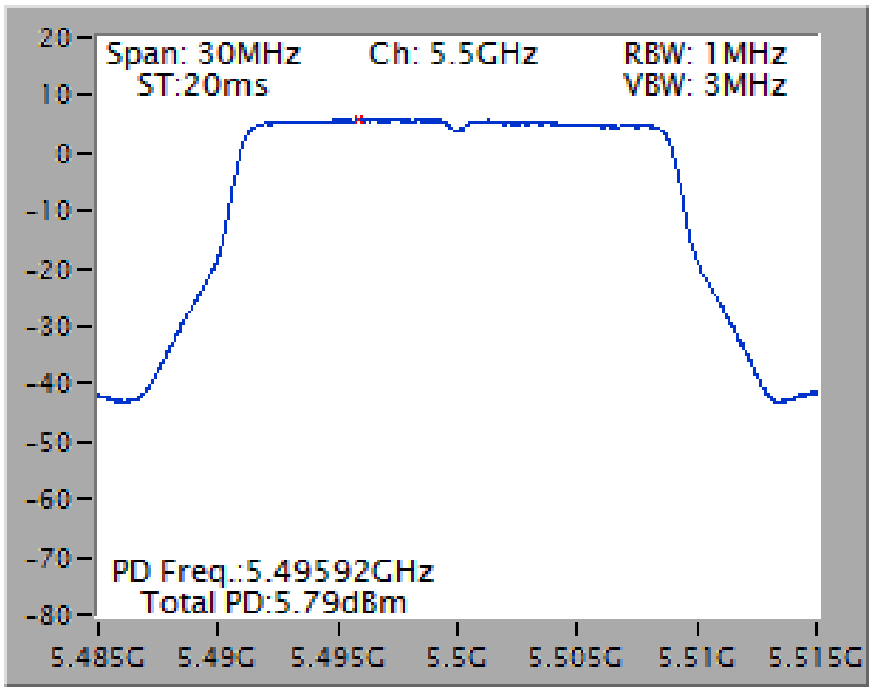
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



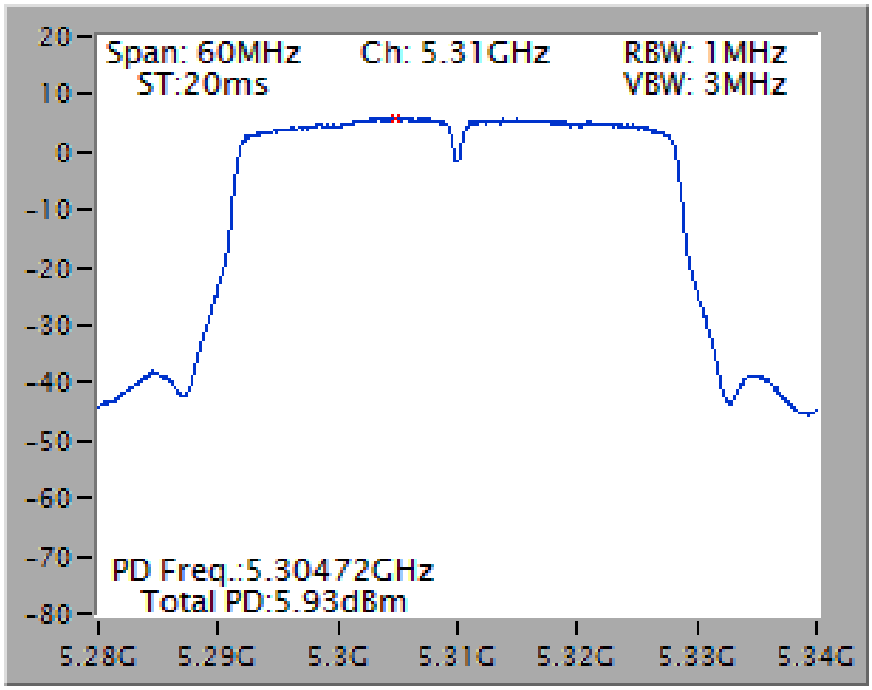
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



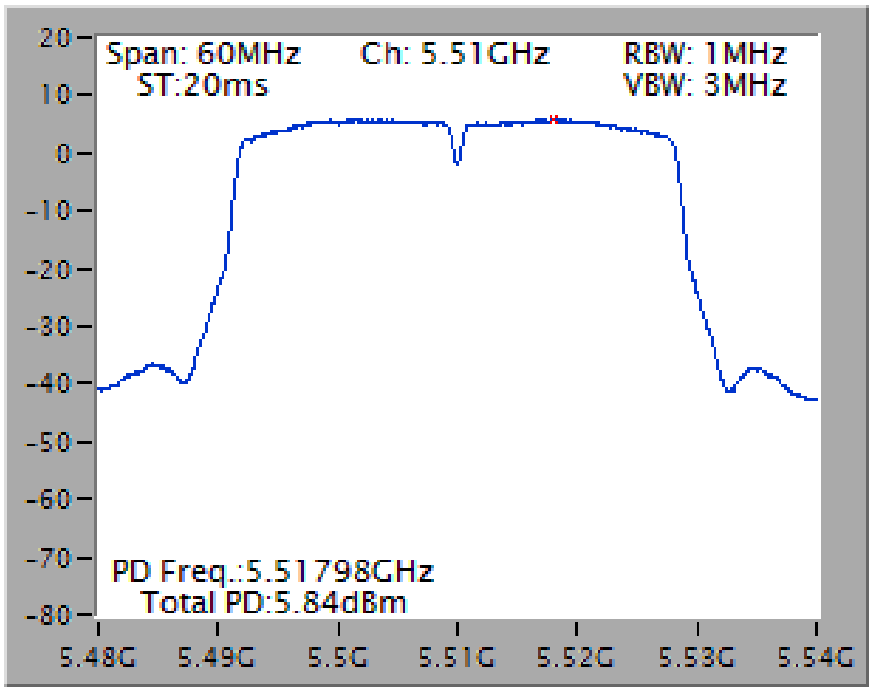
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



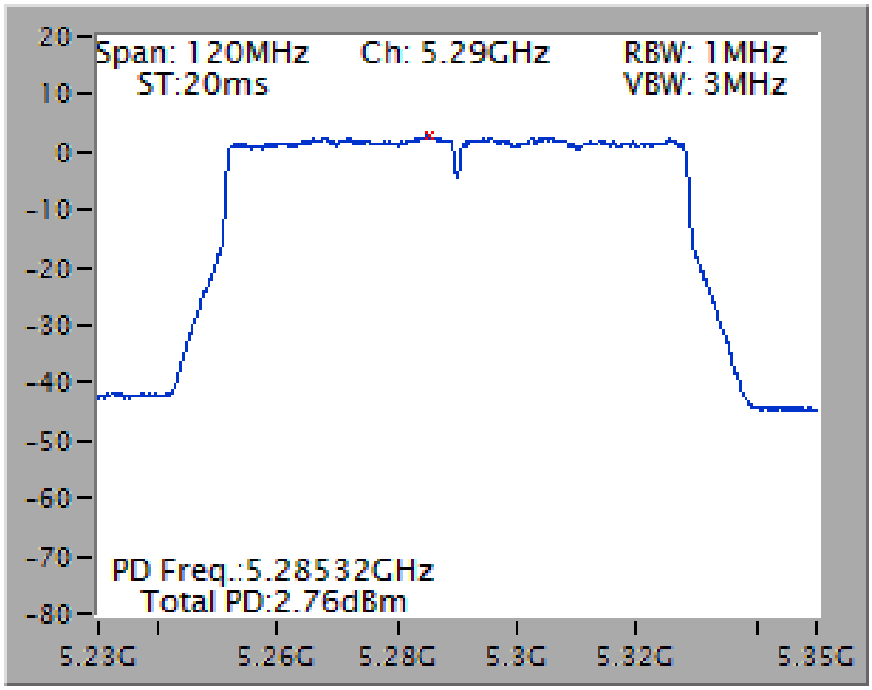
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



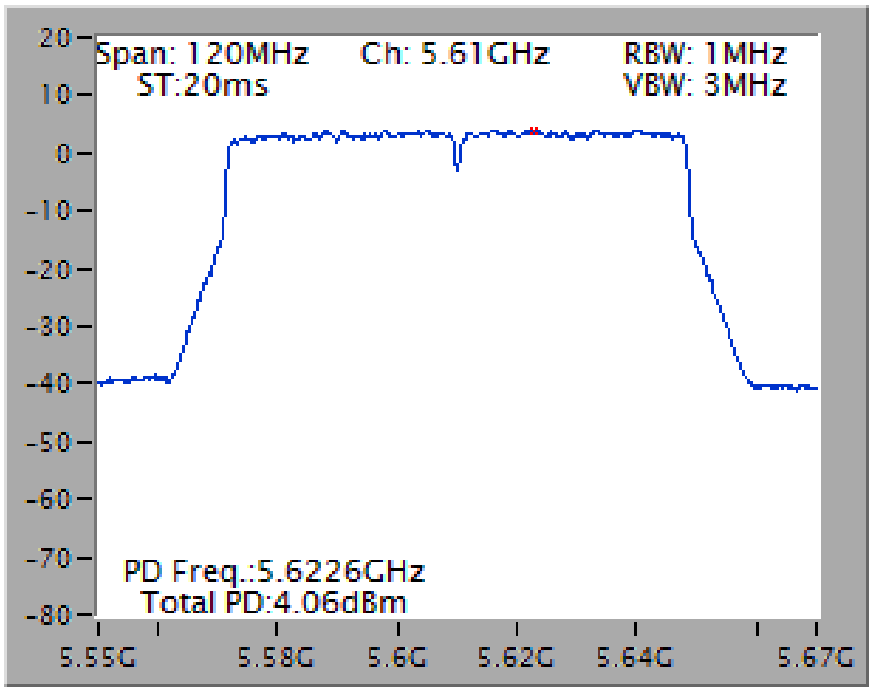
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5510 MHz



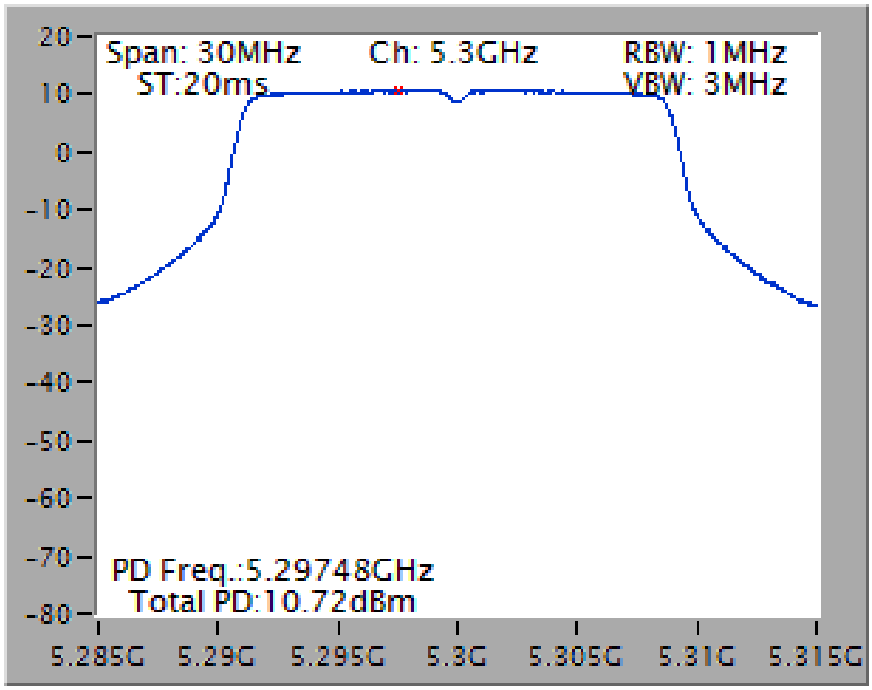
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



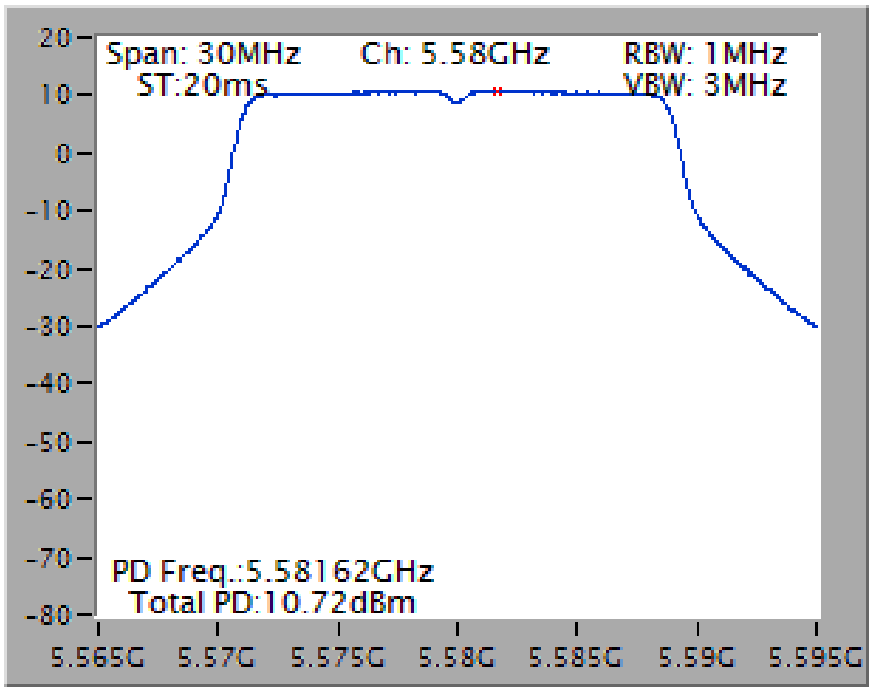
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



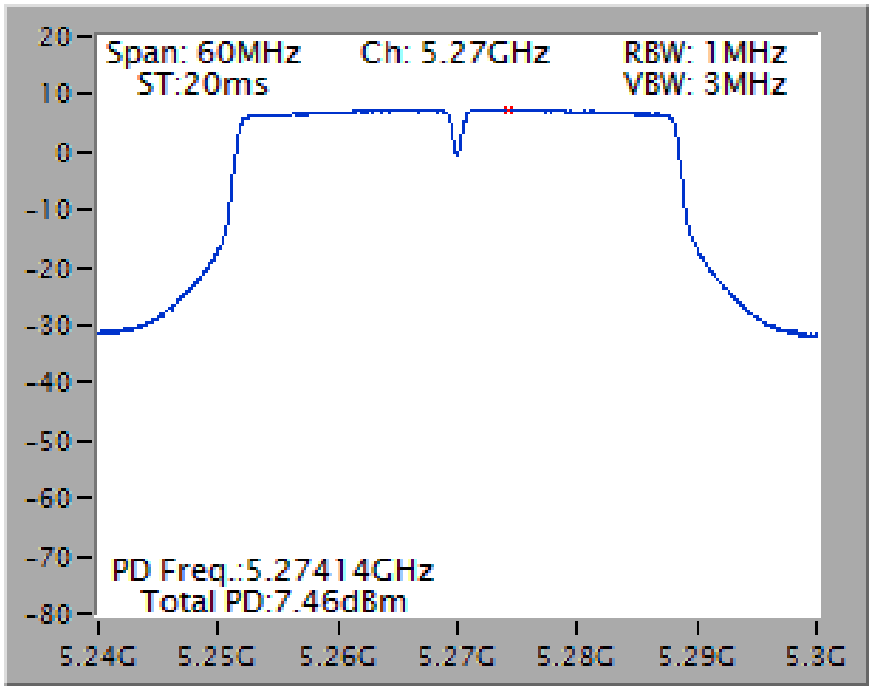
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



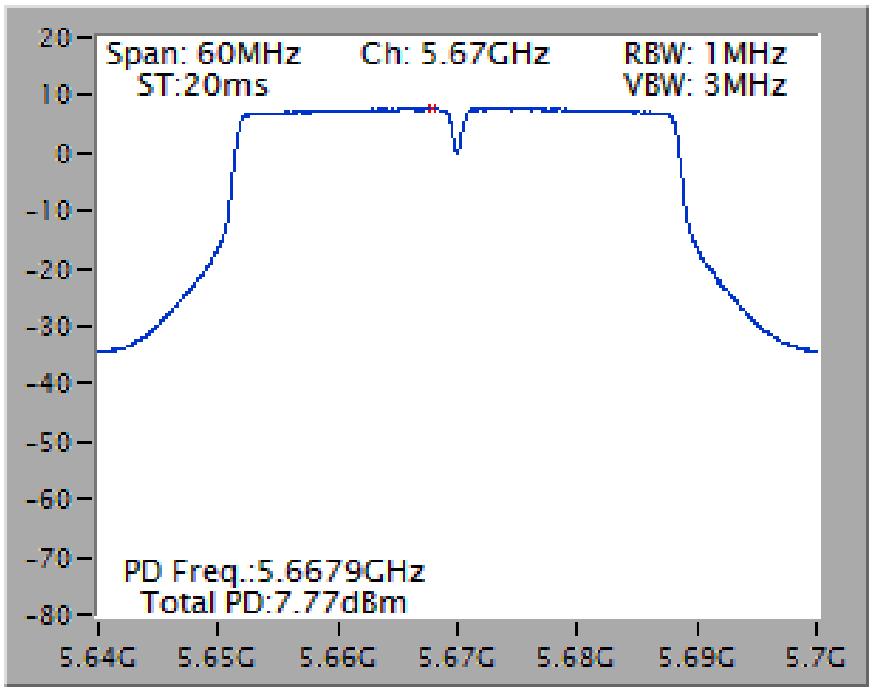
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



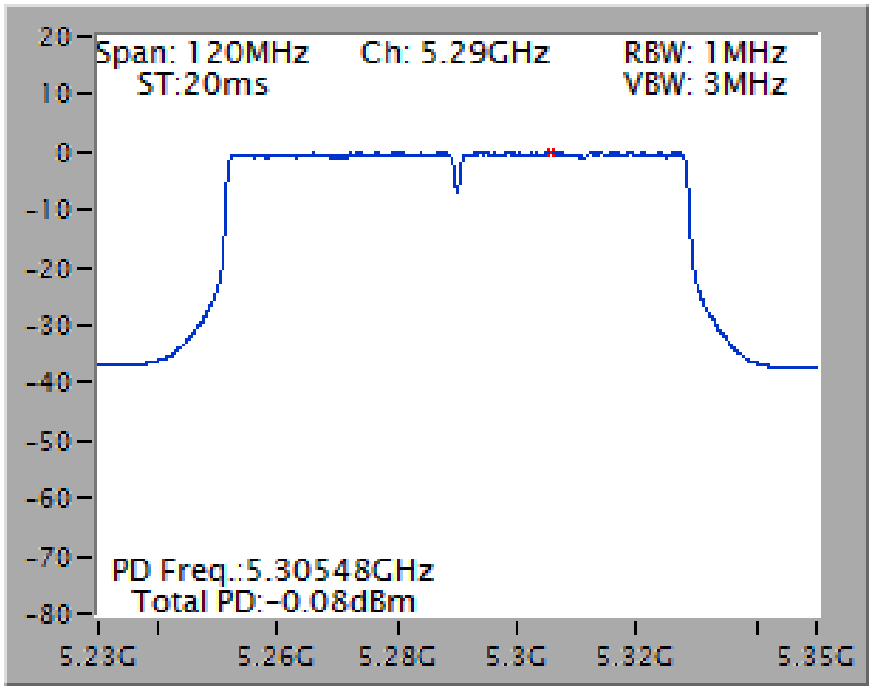
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



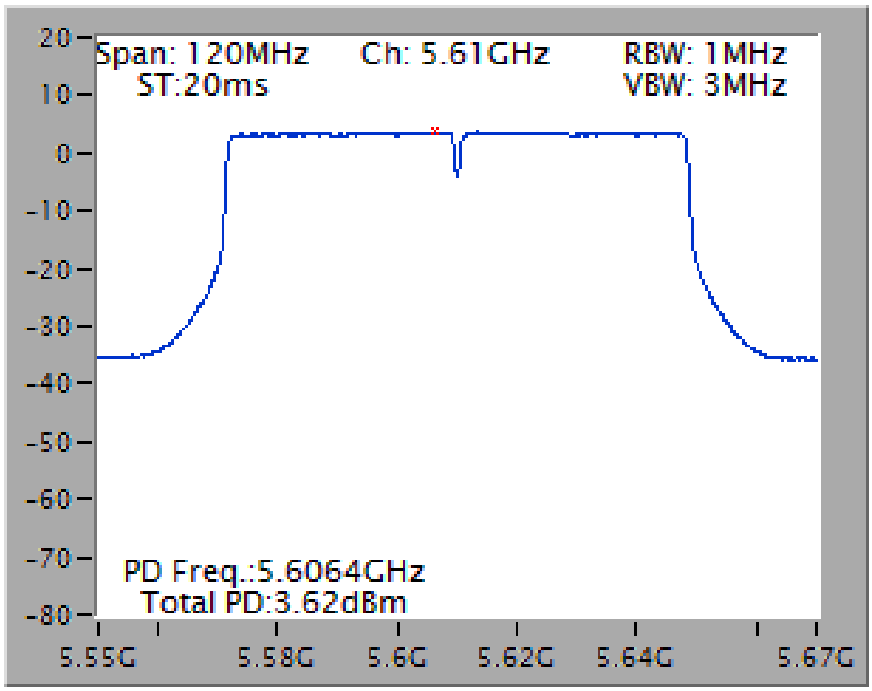
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5670 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

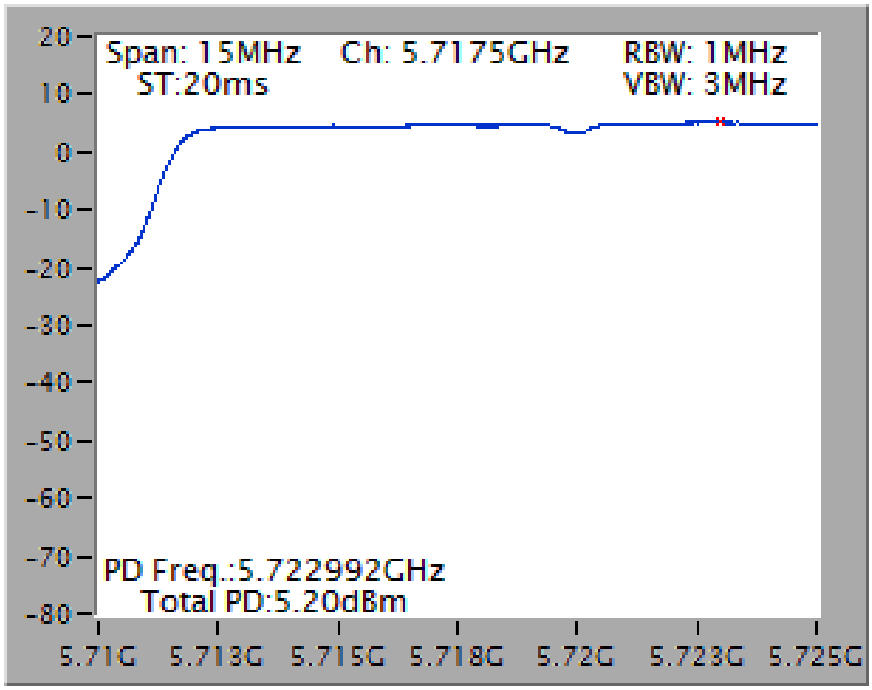


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

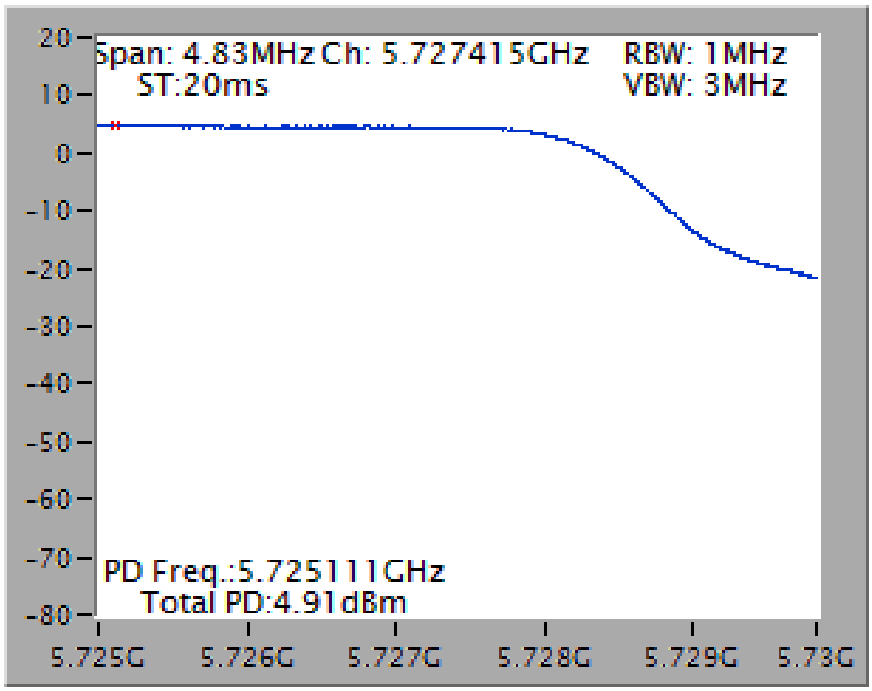


Straddle Channel

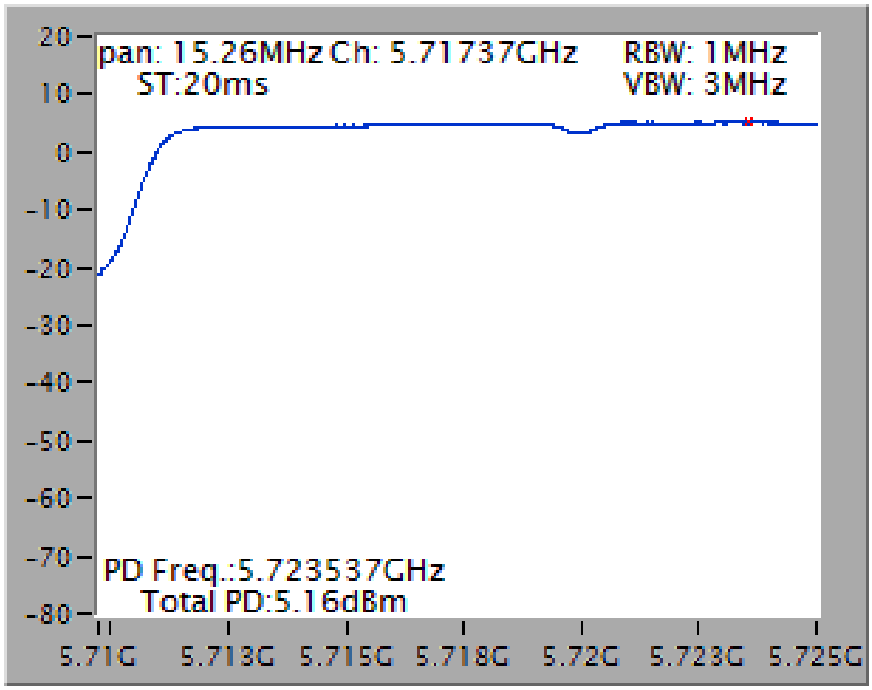
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



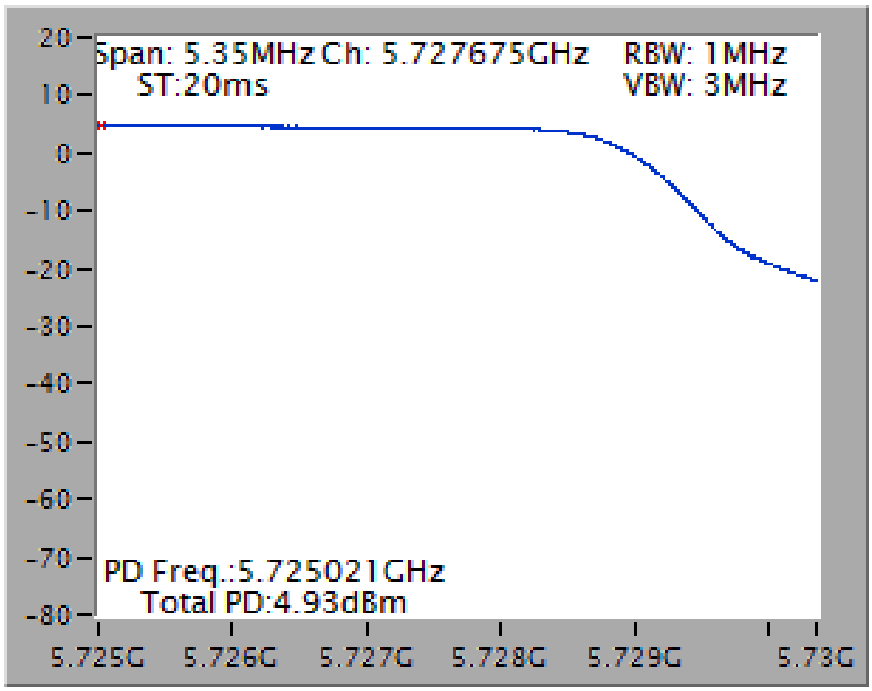
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



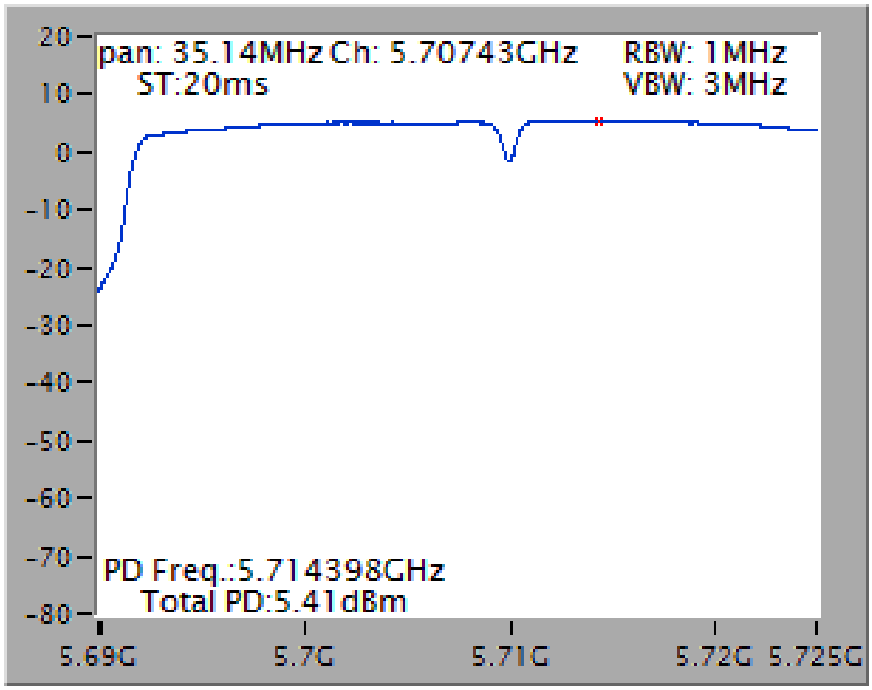
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



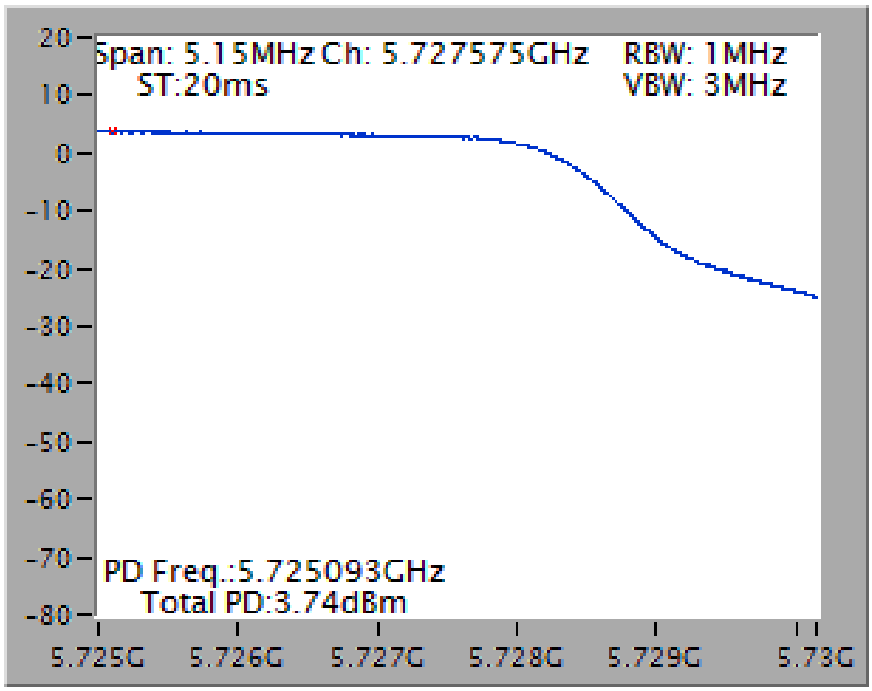
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



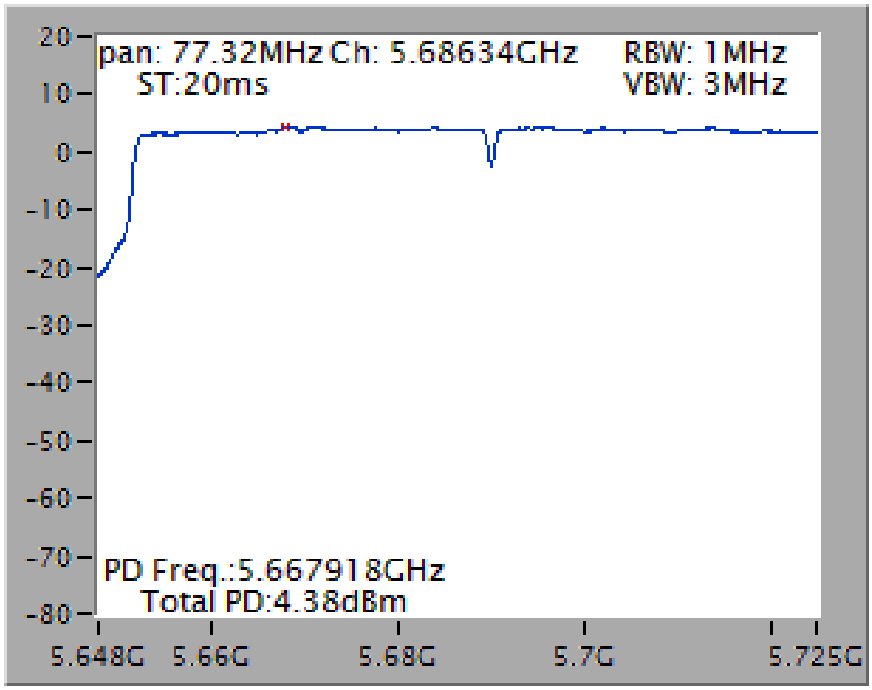
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



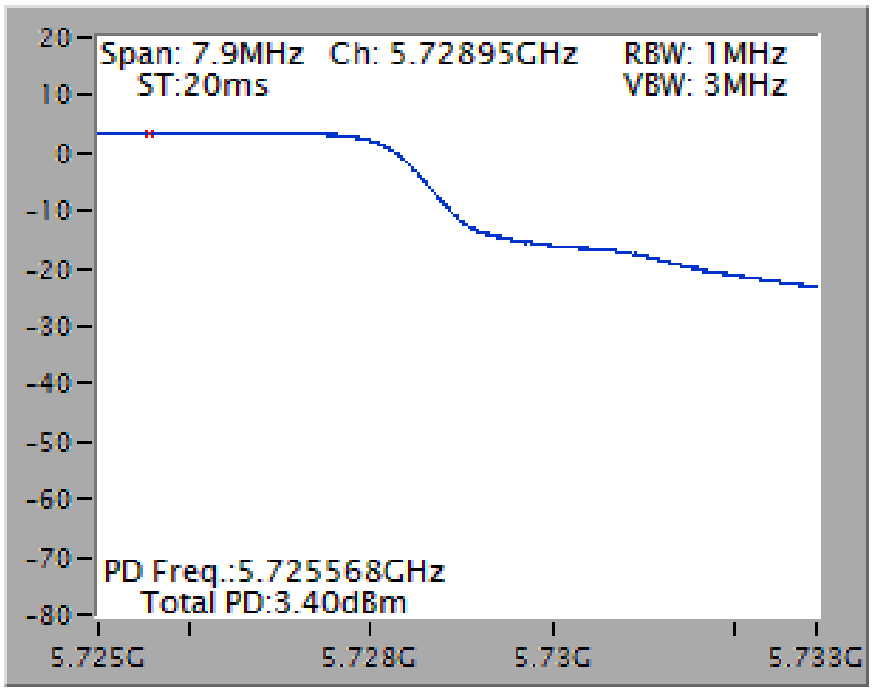
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



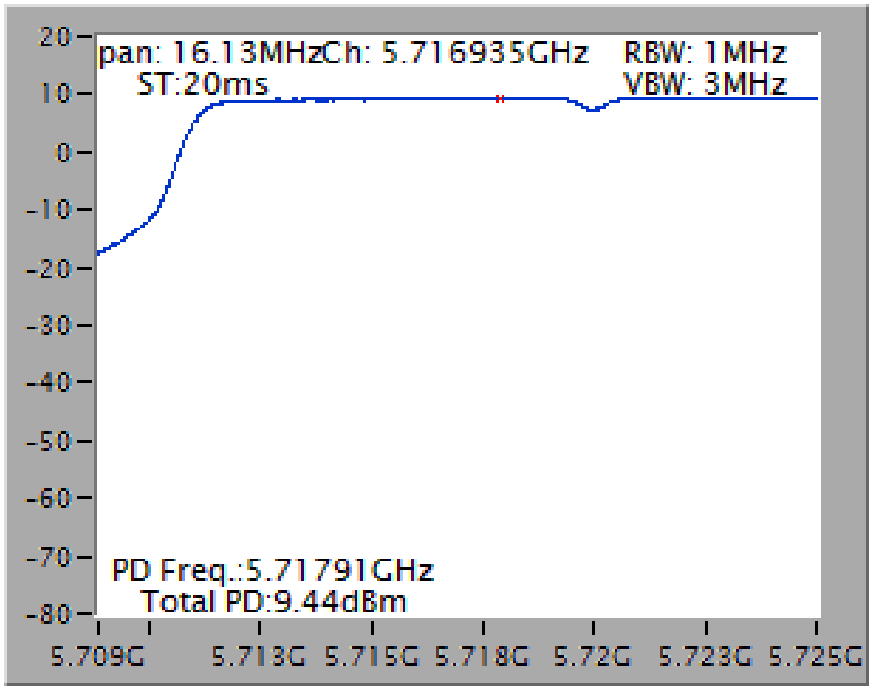
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



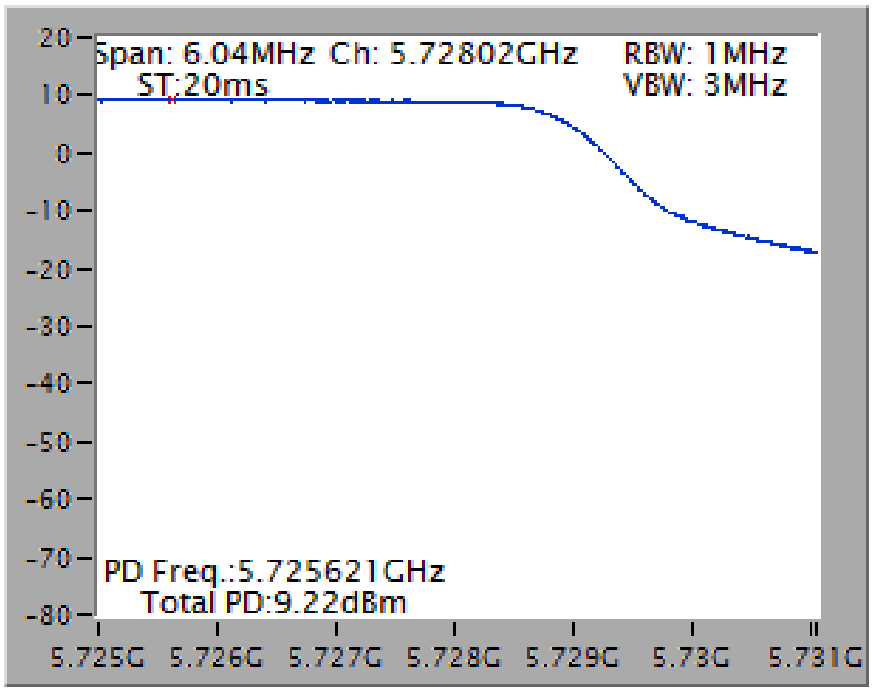
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



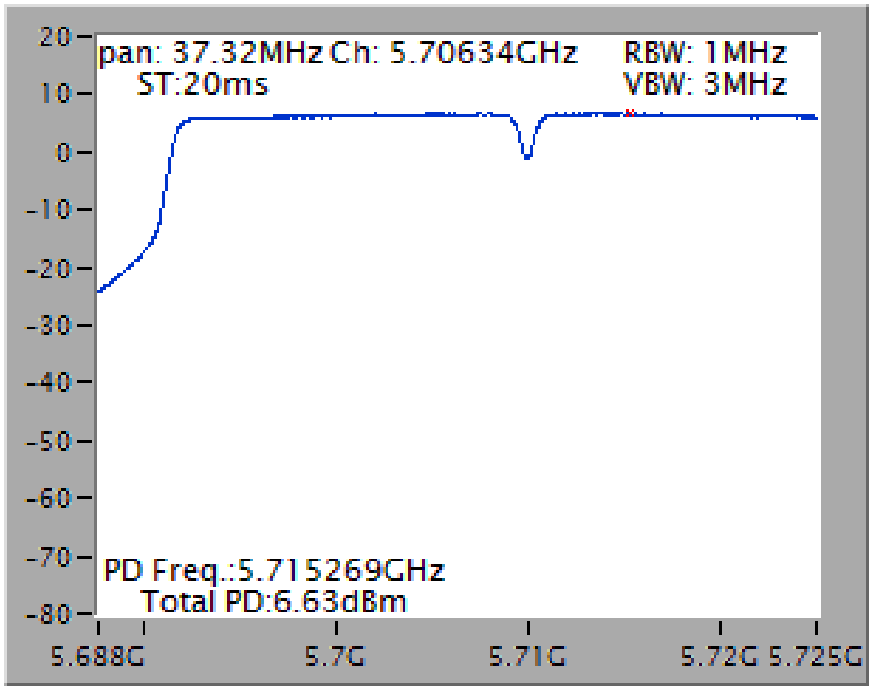
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



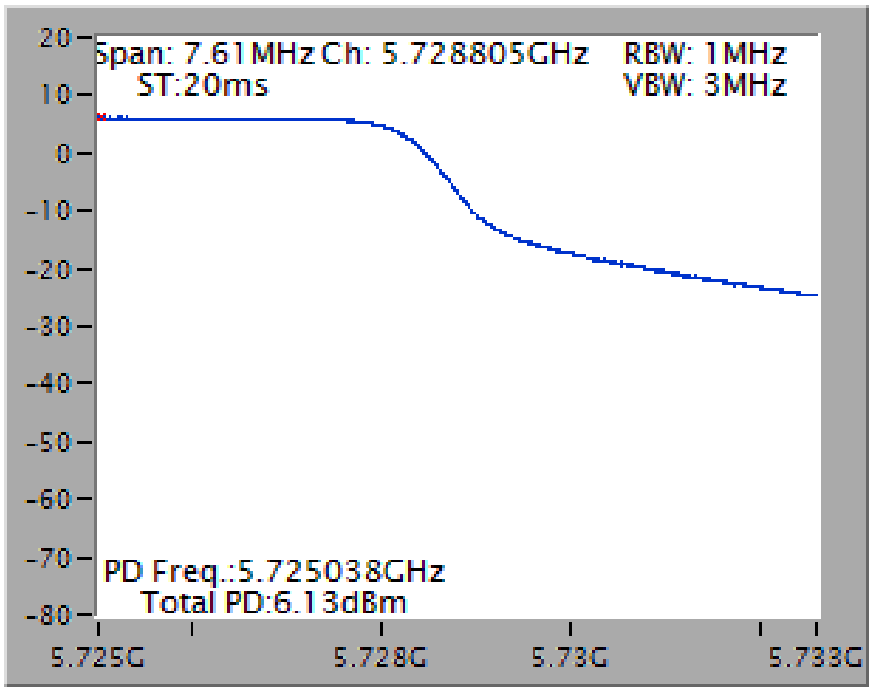
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



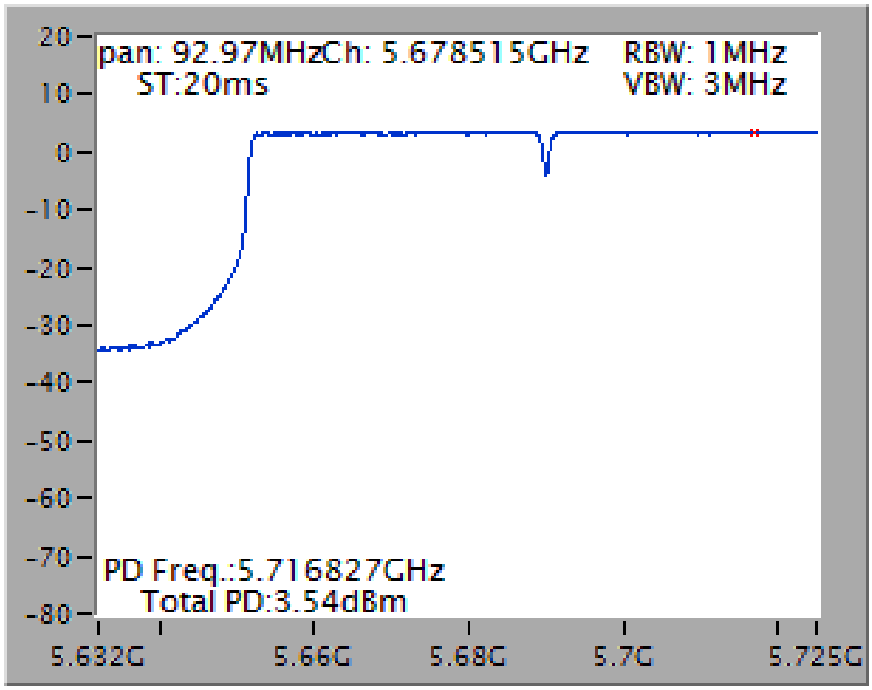
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



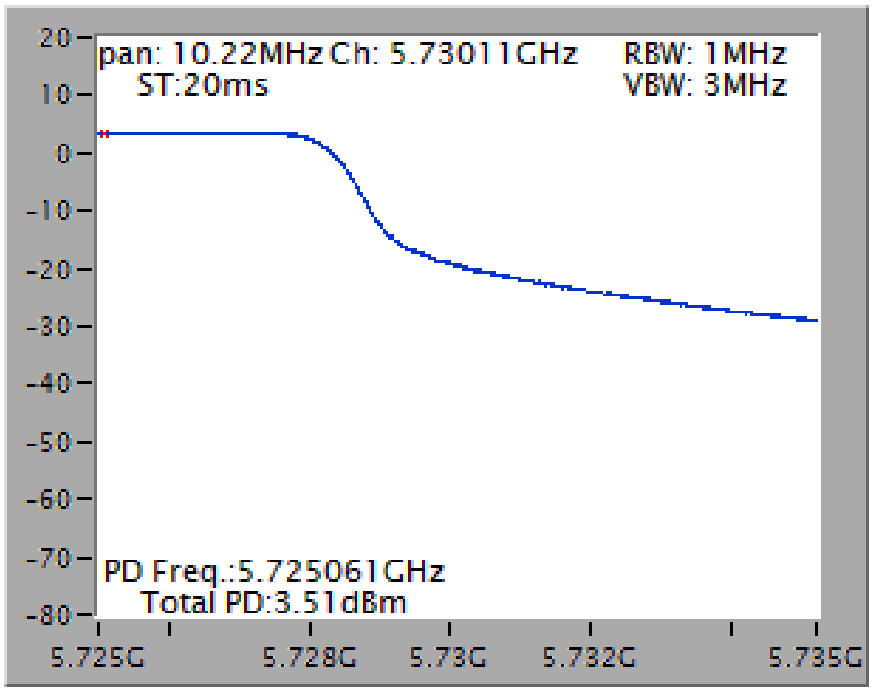
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

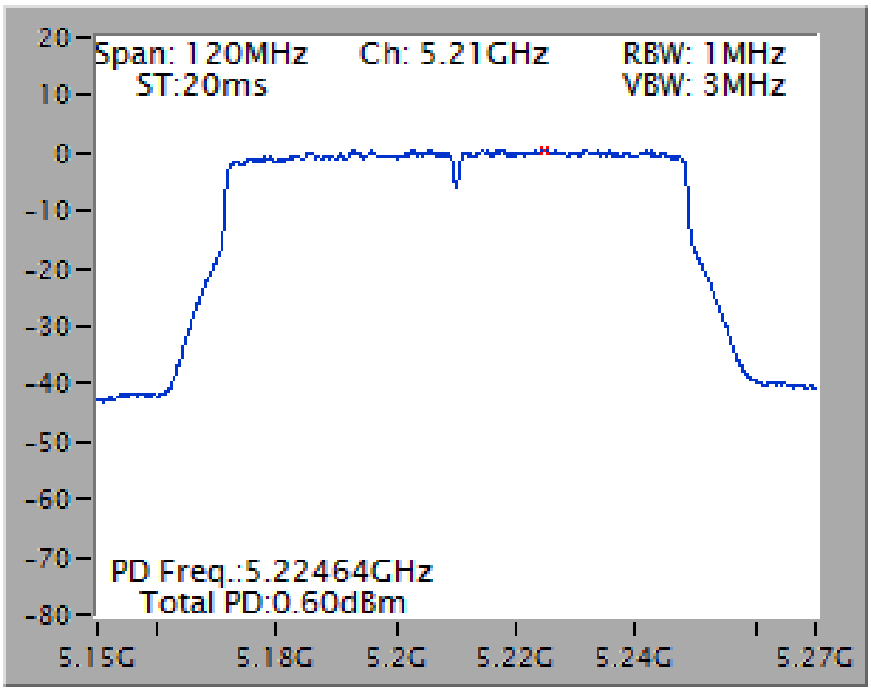


802.11ac MCS0/Nss2 VHT80+80

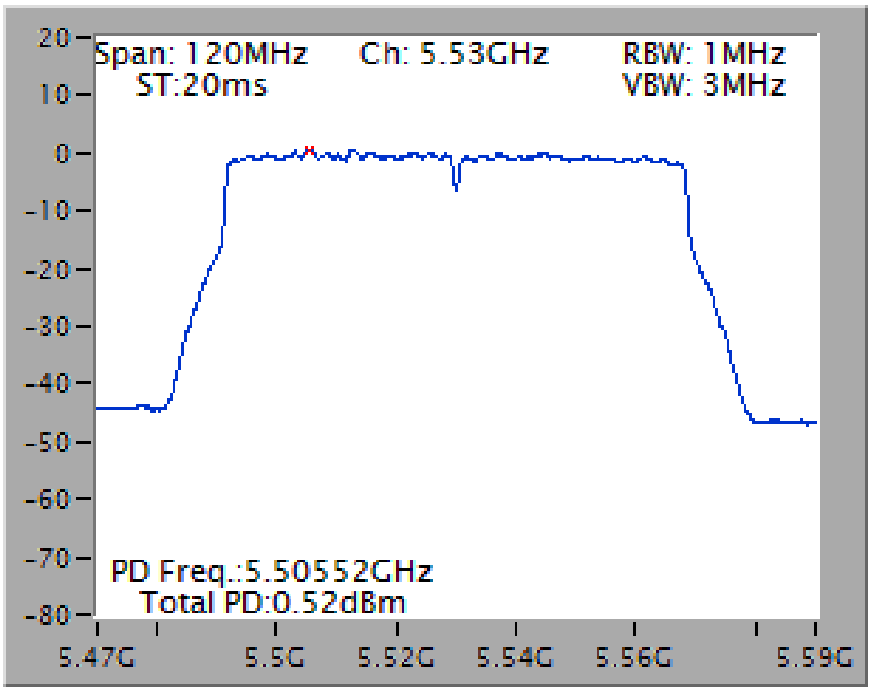
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

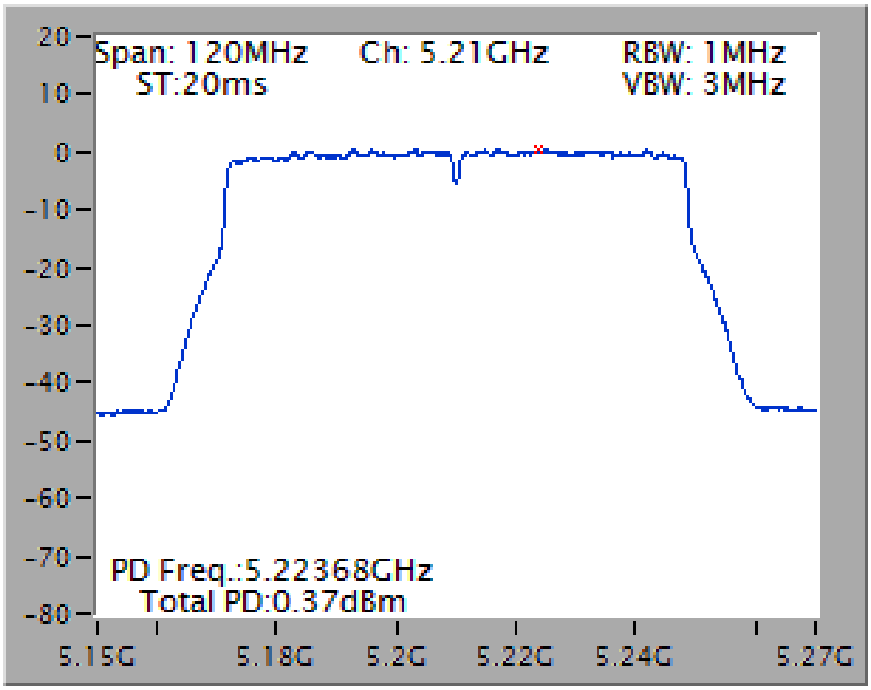


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

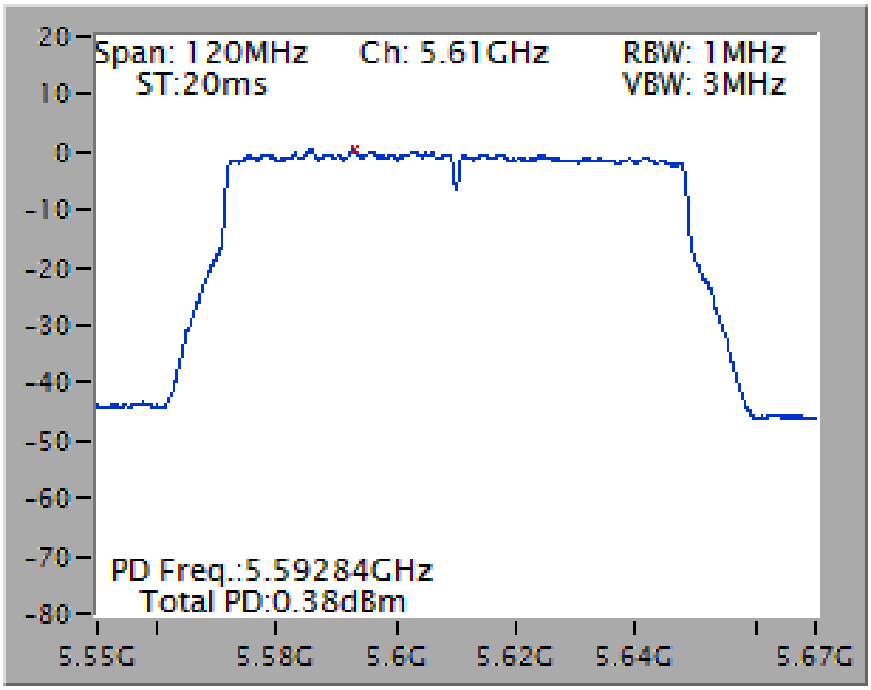


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

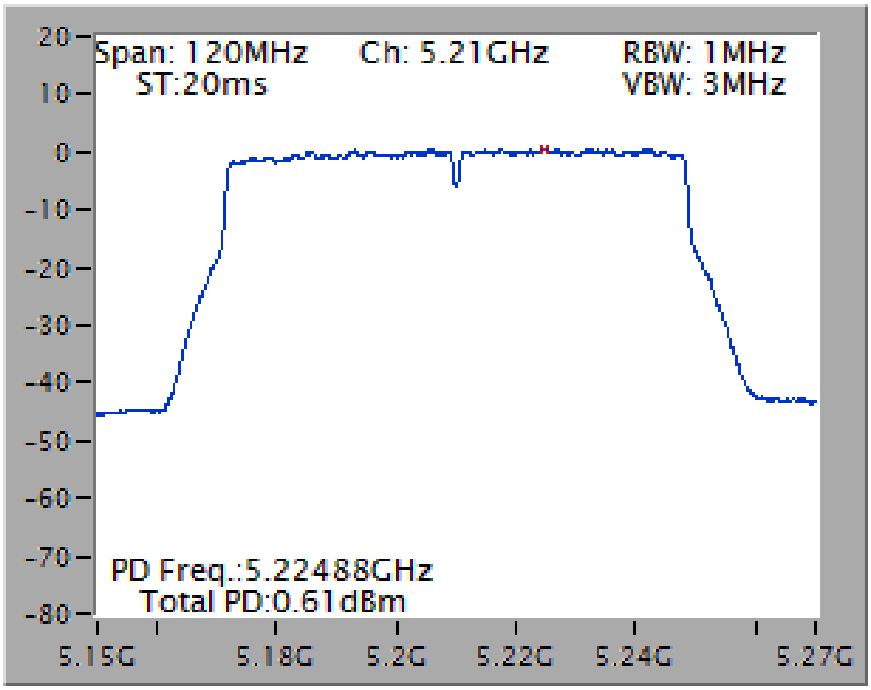


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

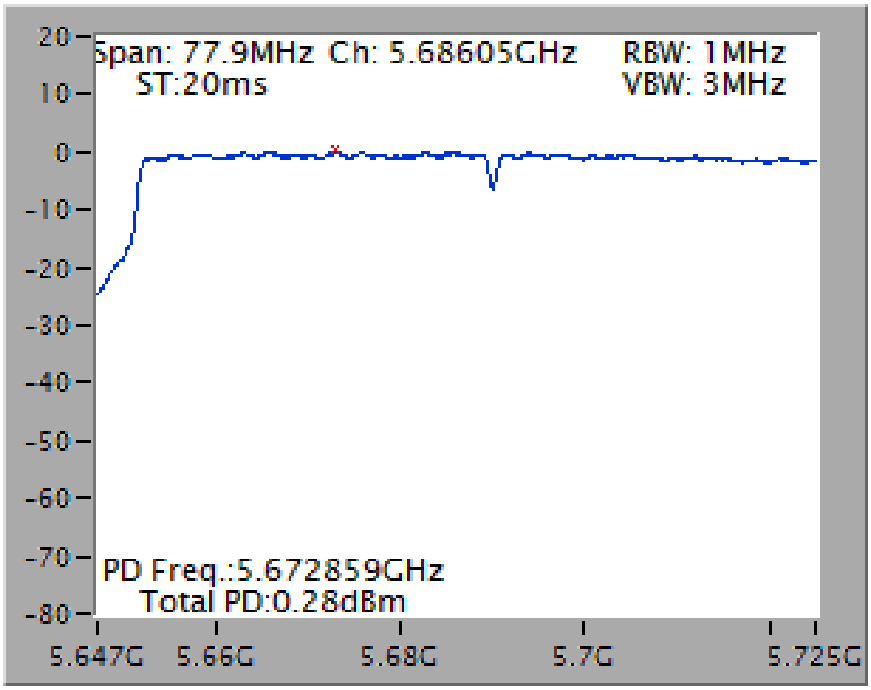


Type 3

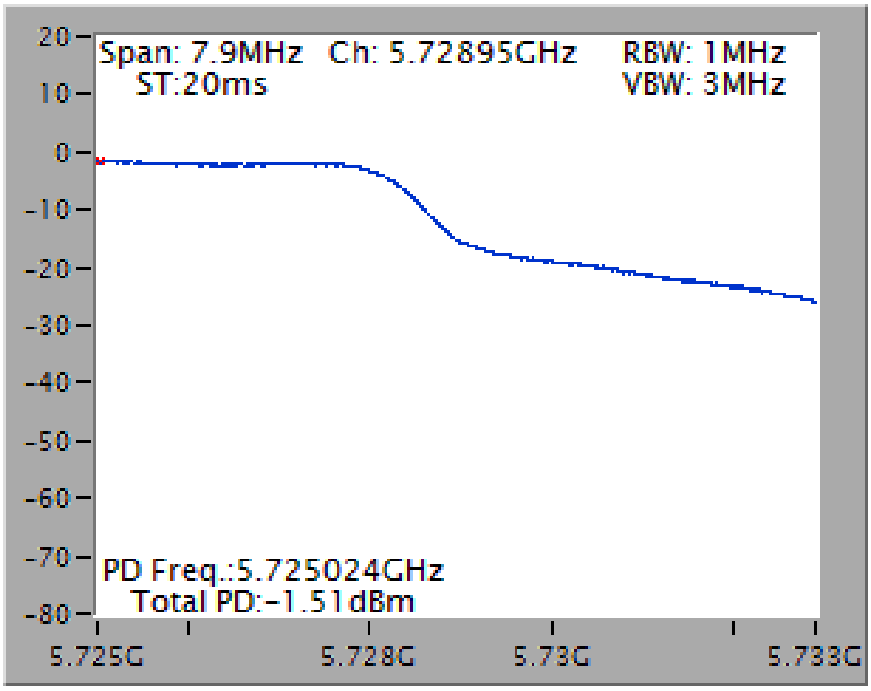
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

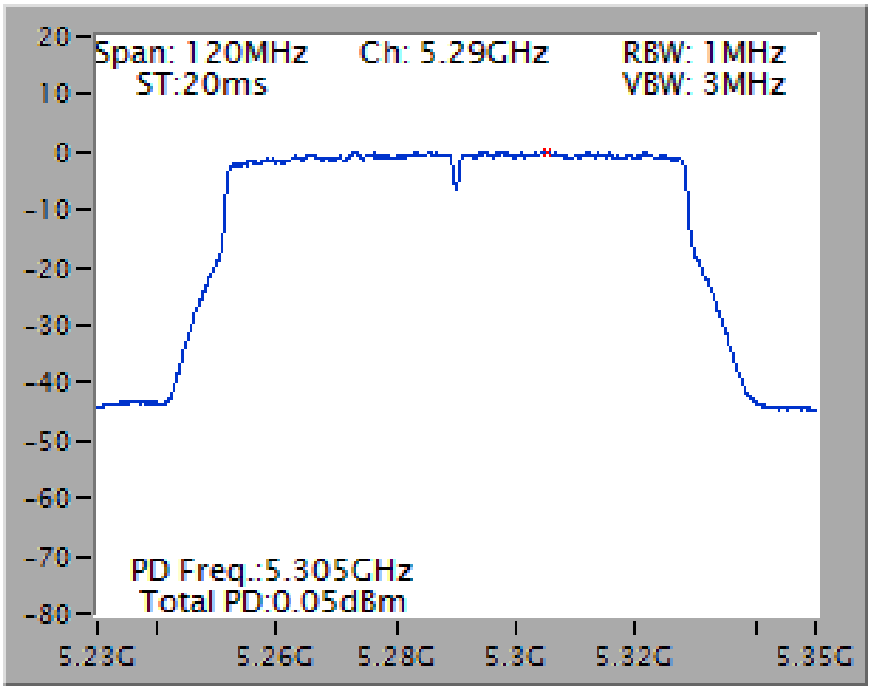


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

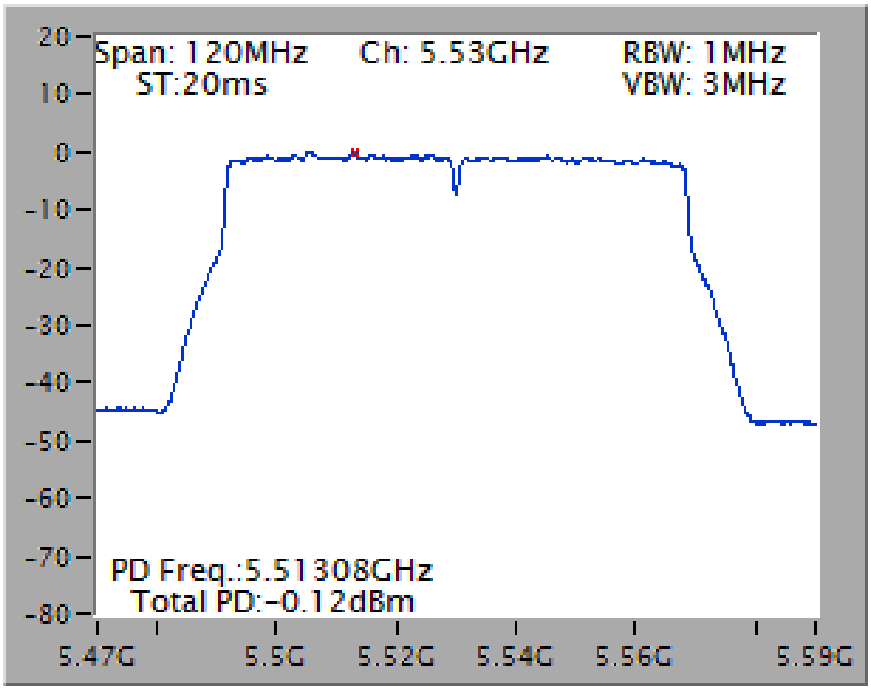


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

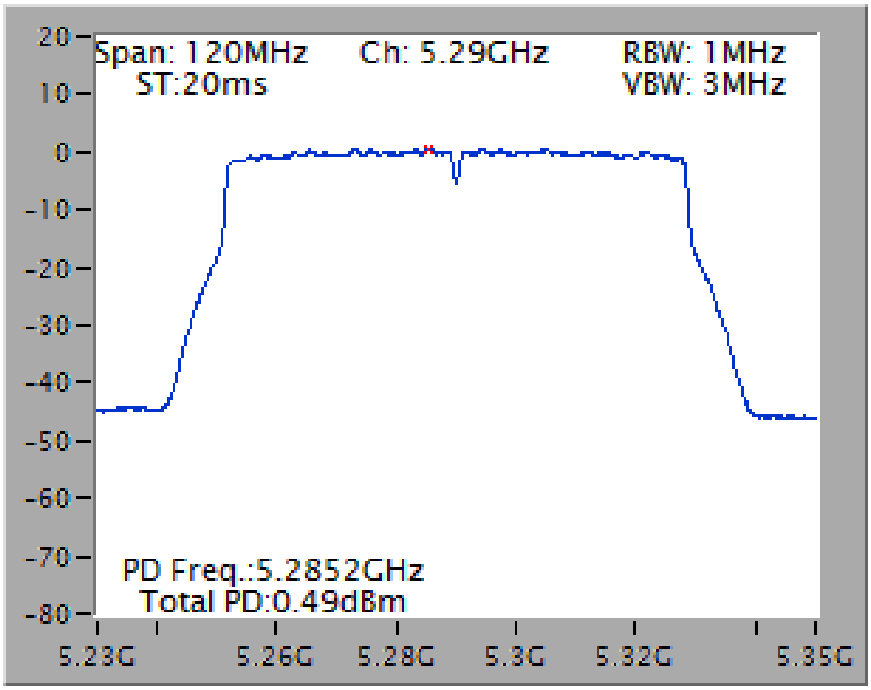


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

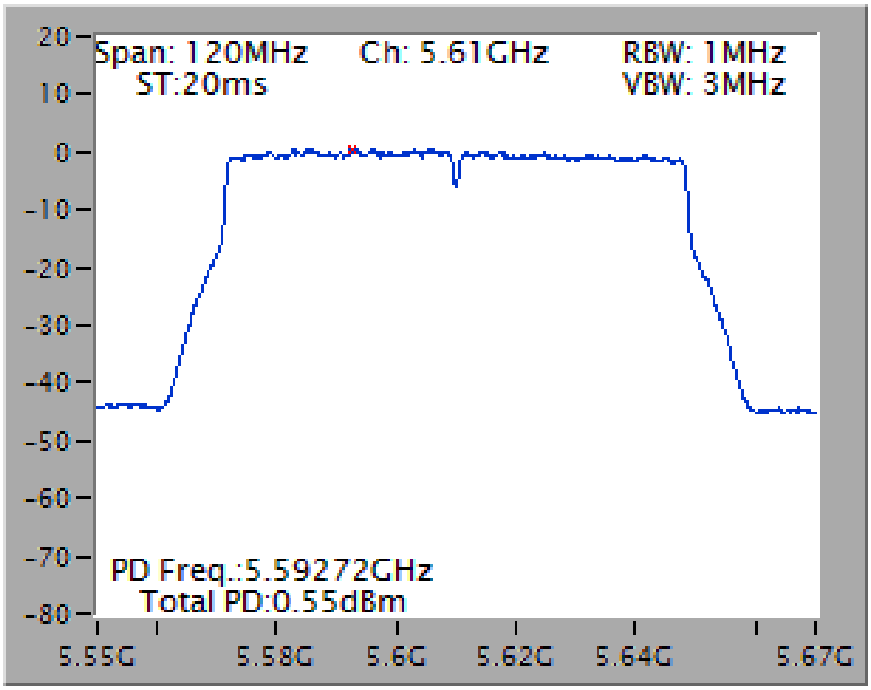


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

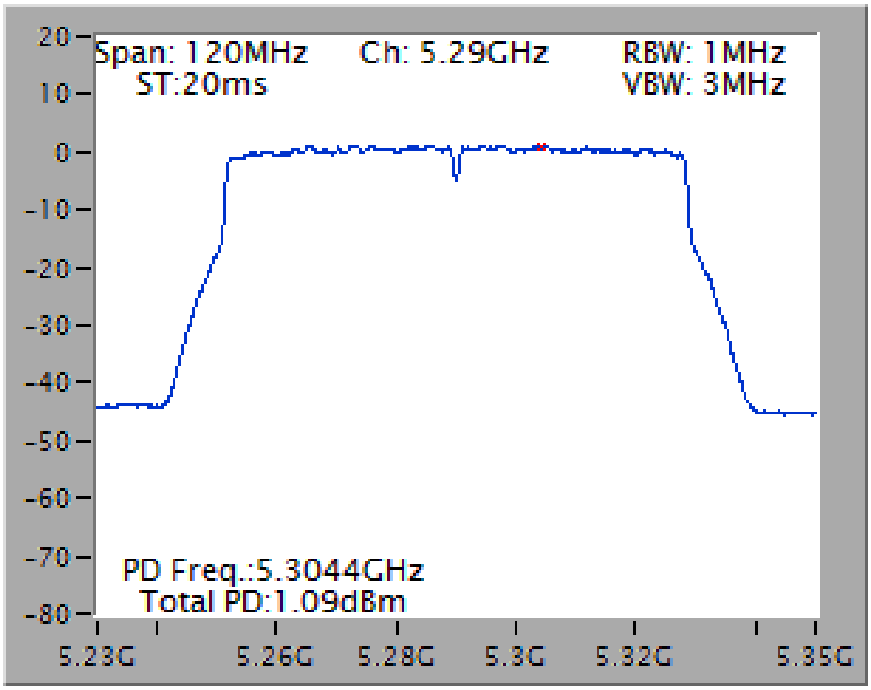


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

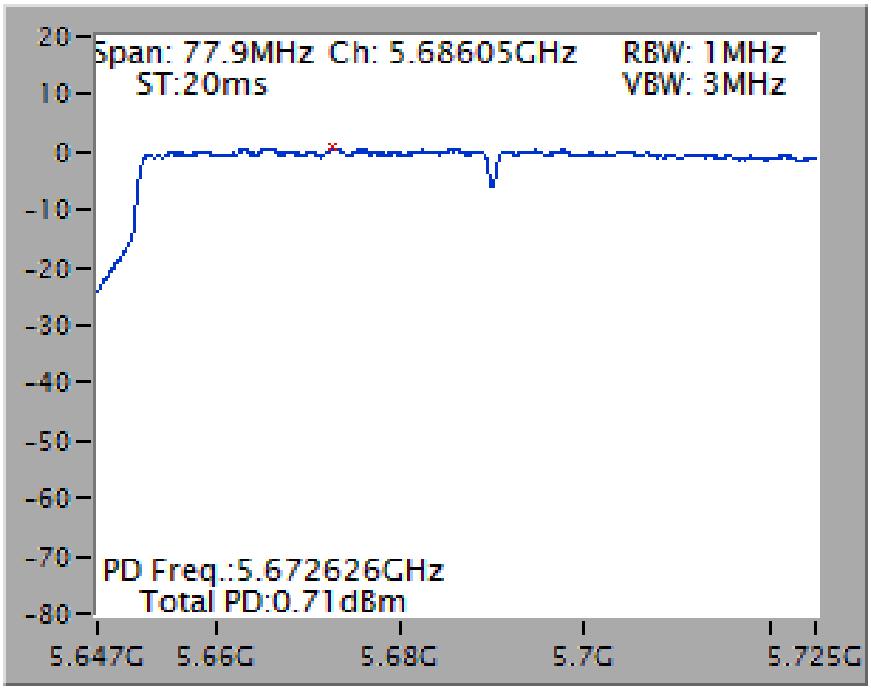


Type 6

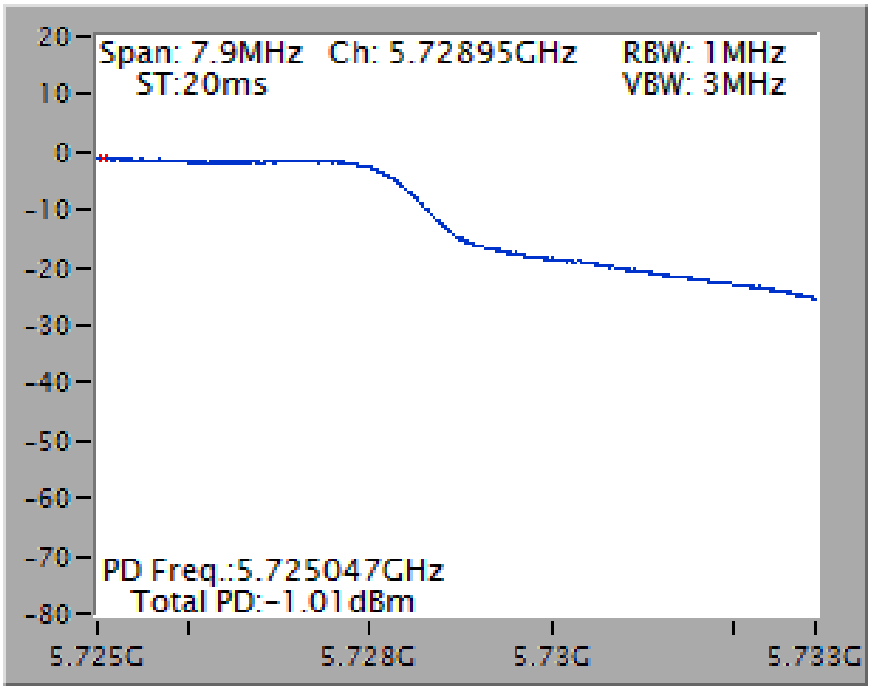
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

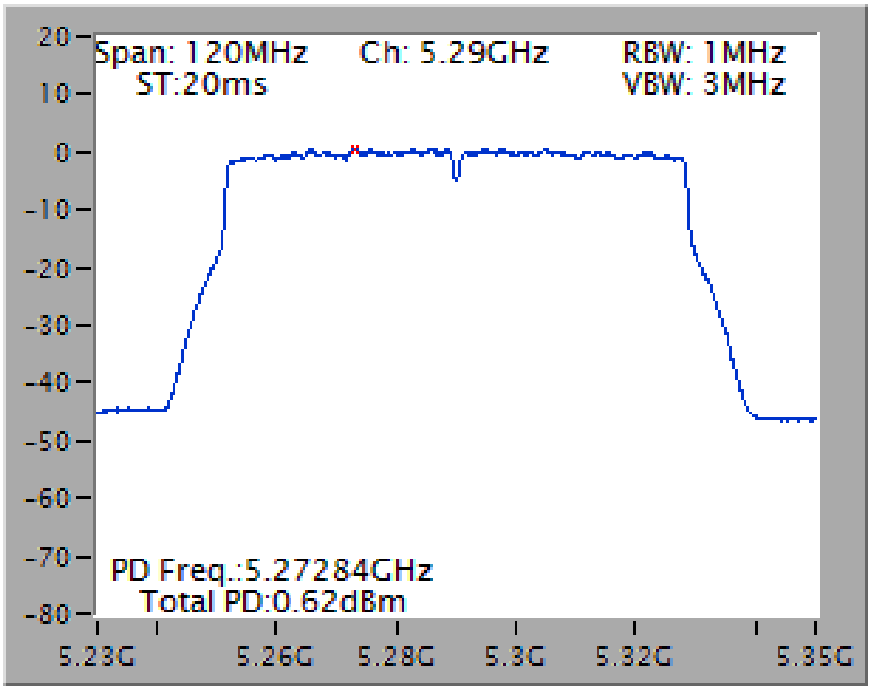


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

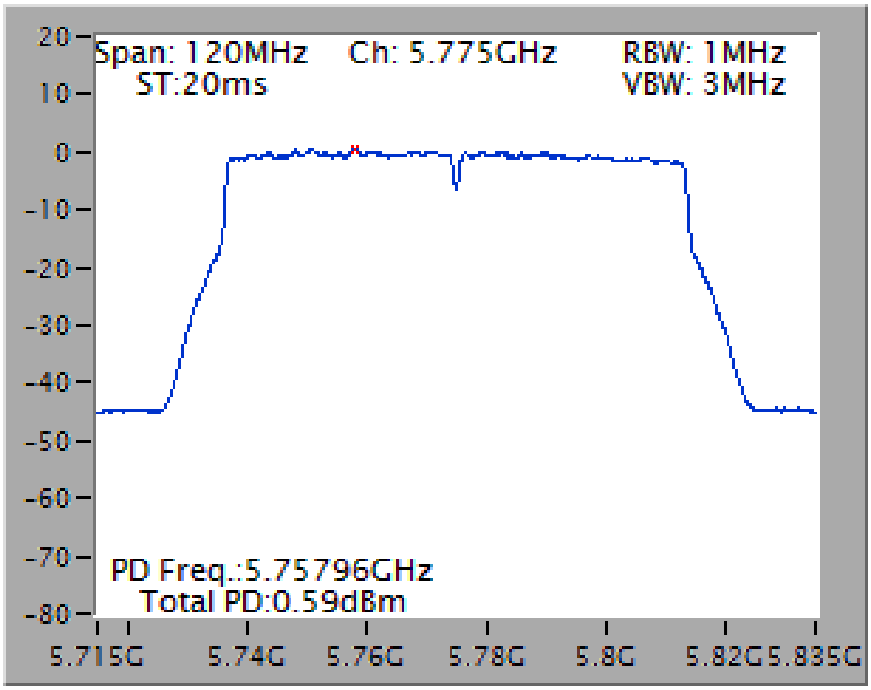


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

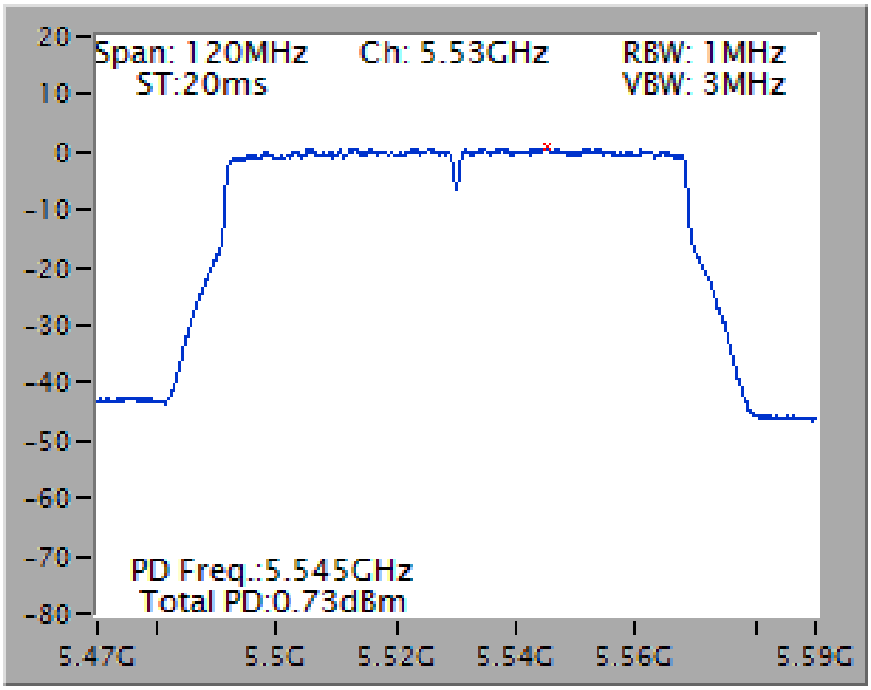


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

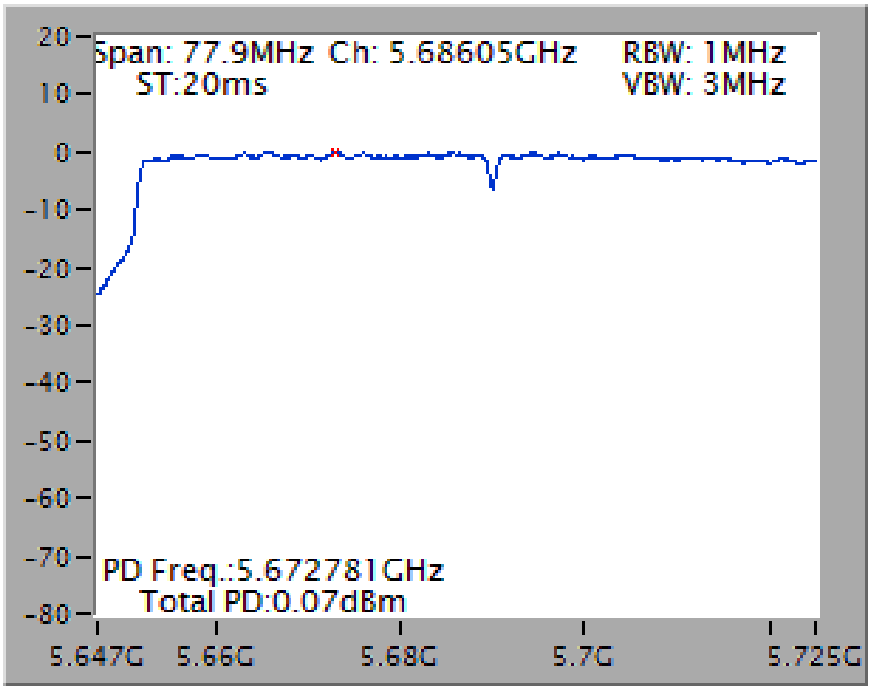


Type 8

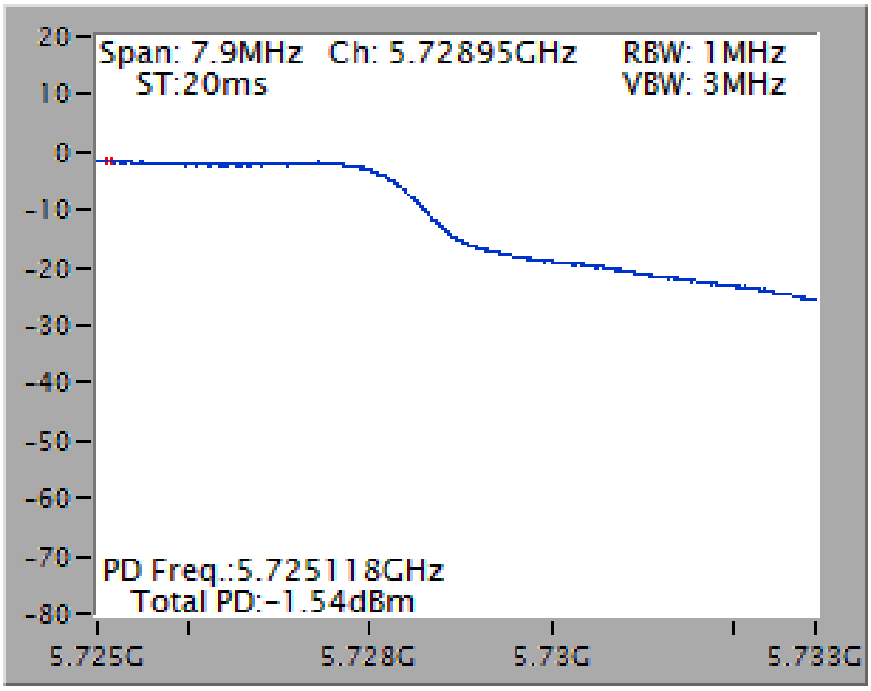
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

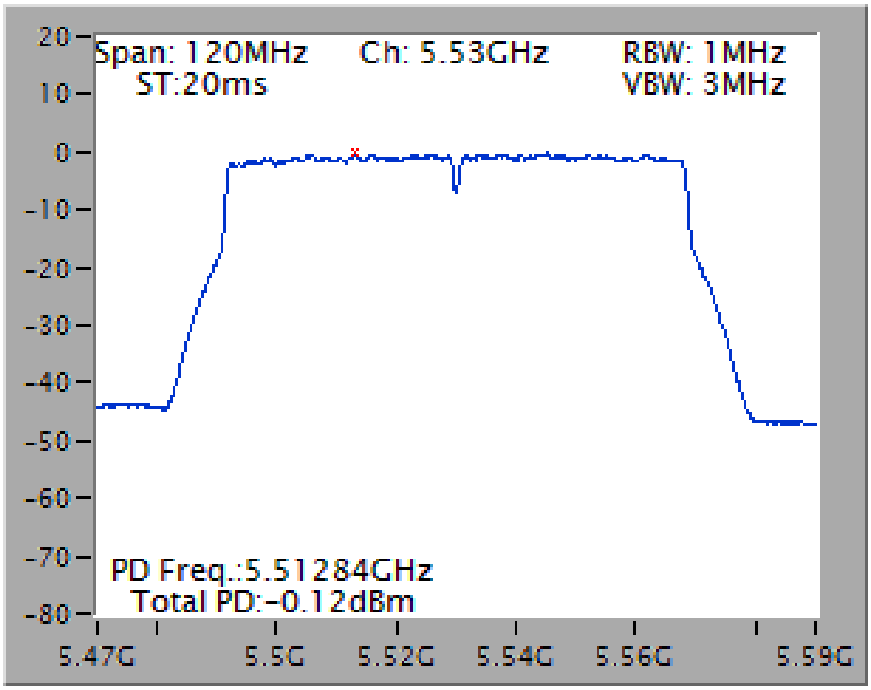


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

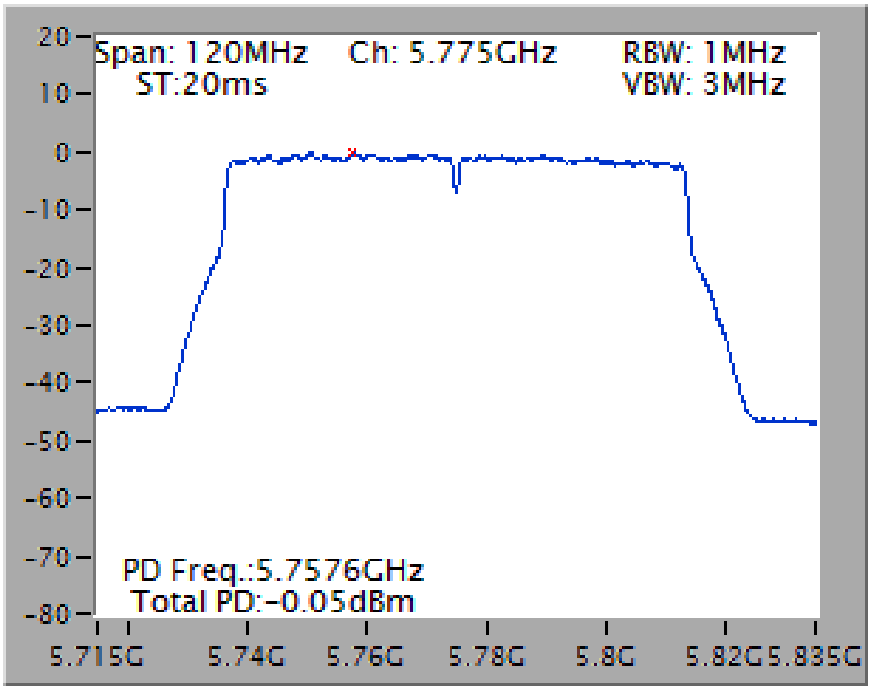


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

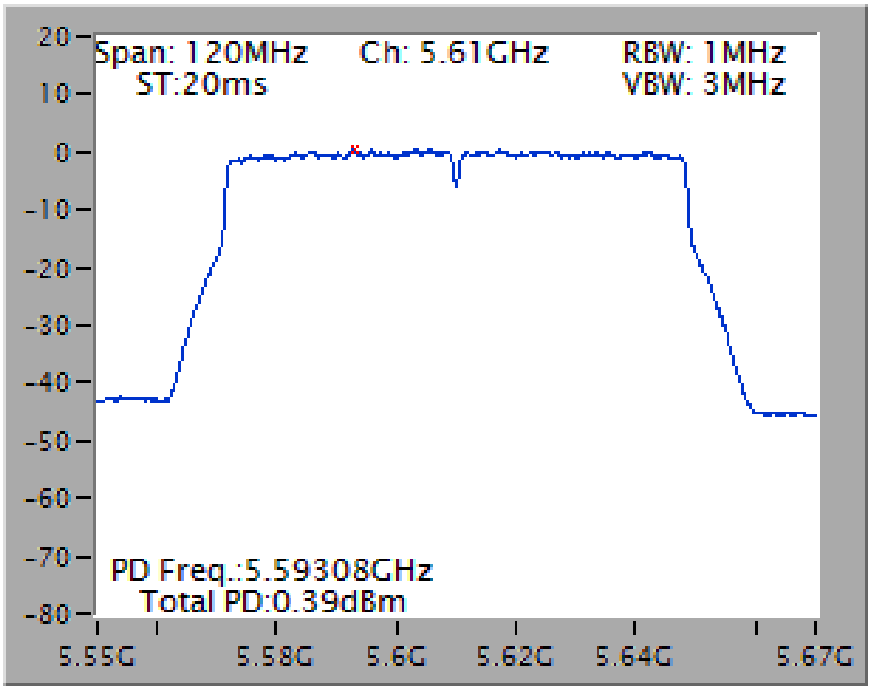


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

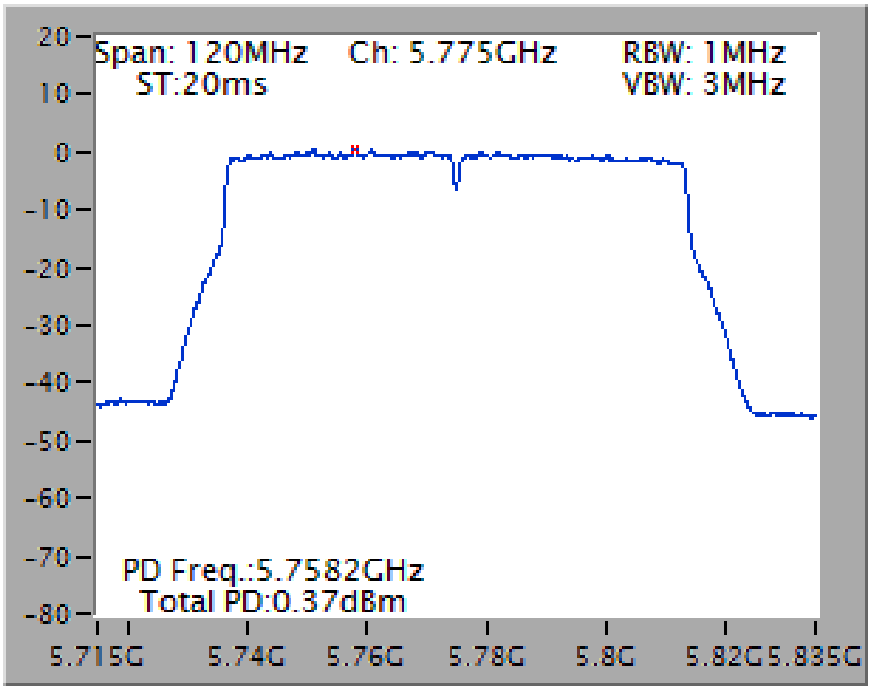


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

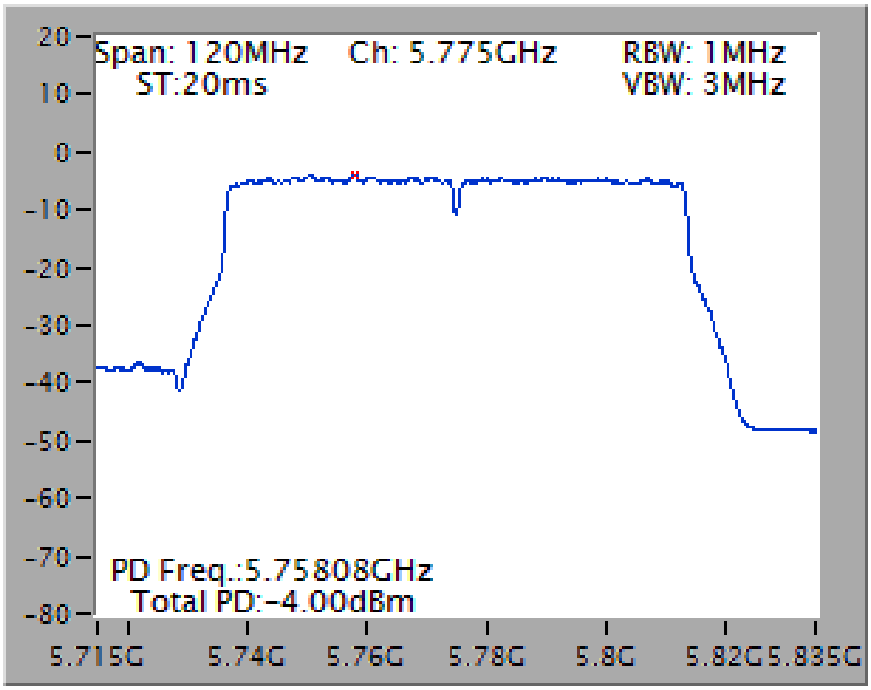


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

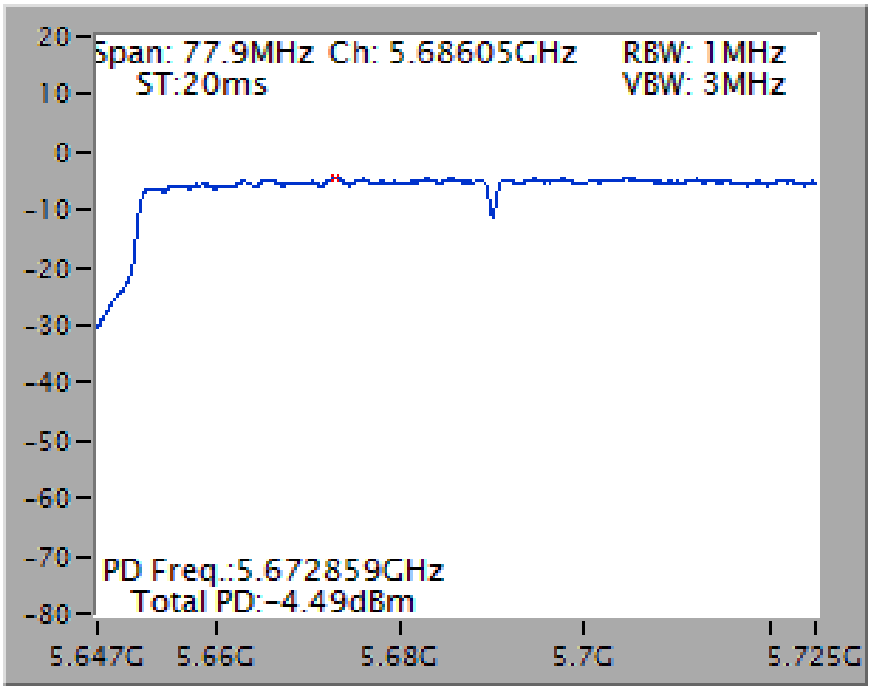


Type 11

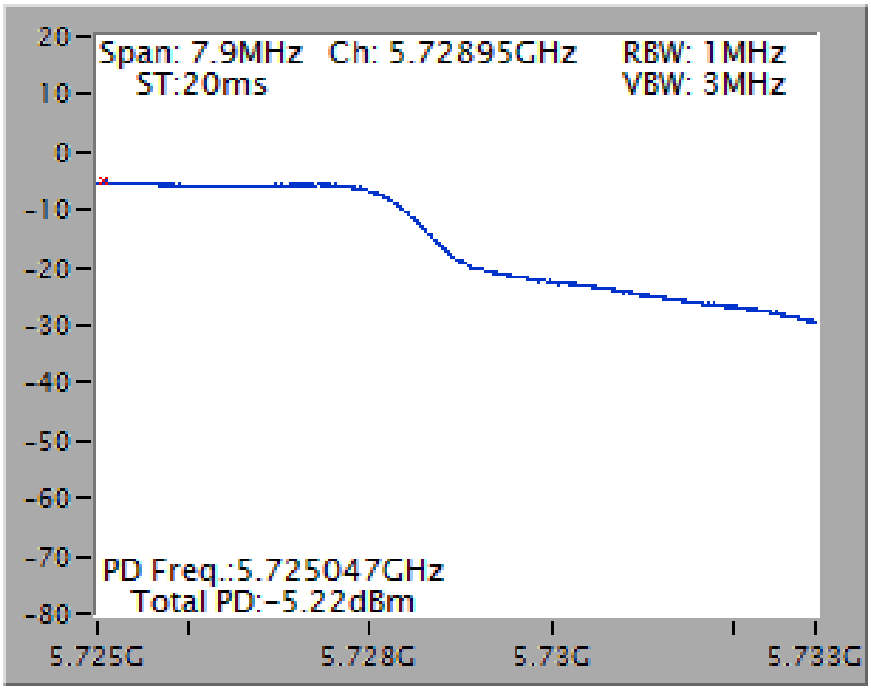
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

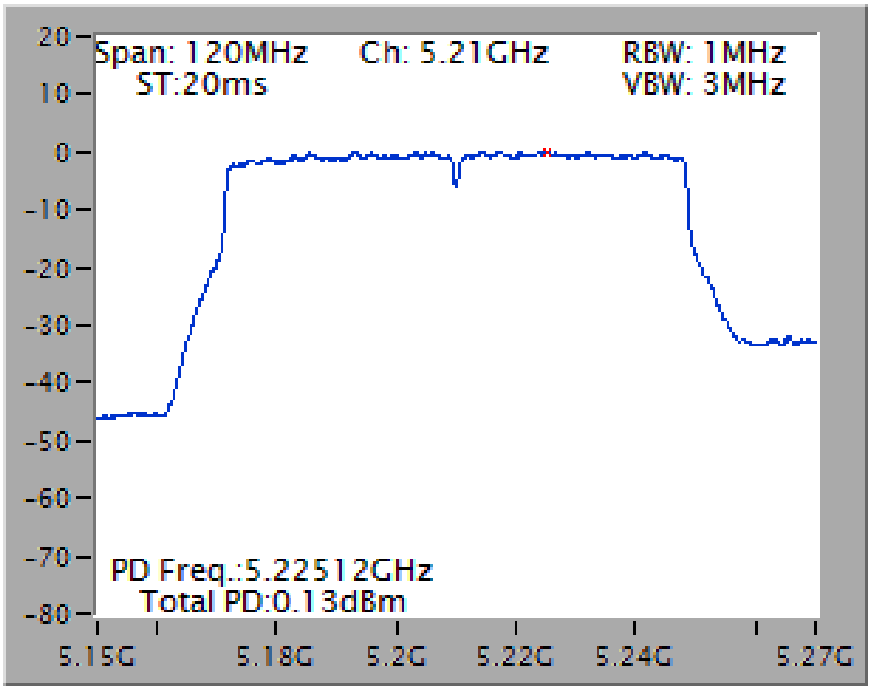


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

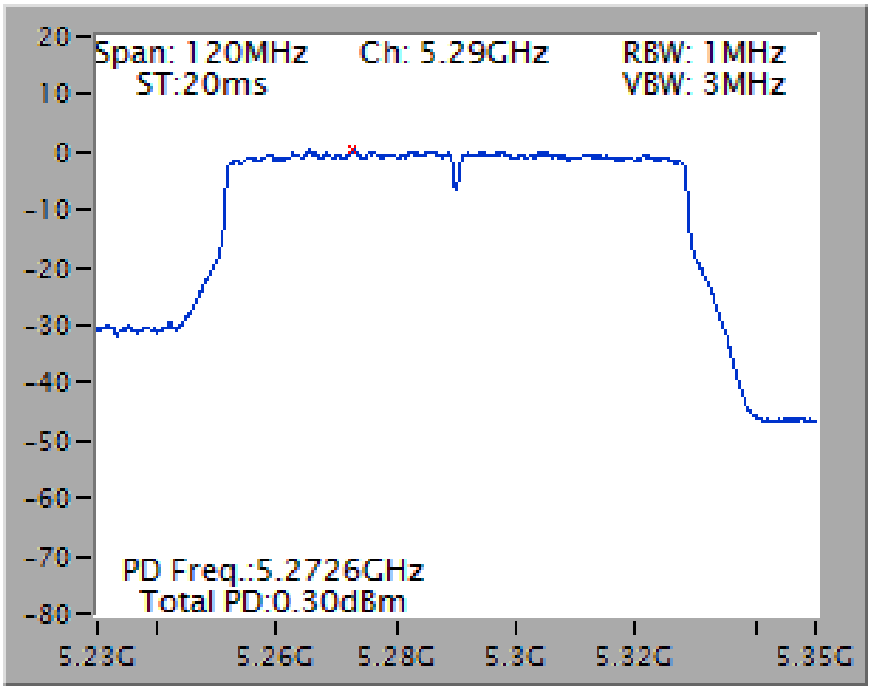


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

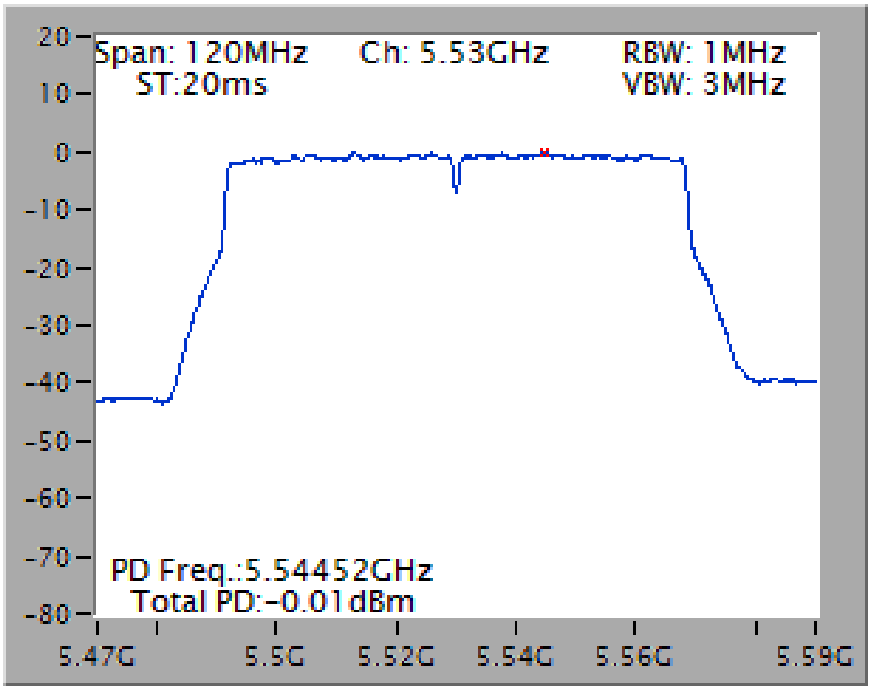


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

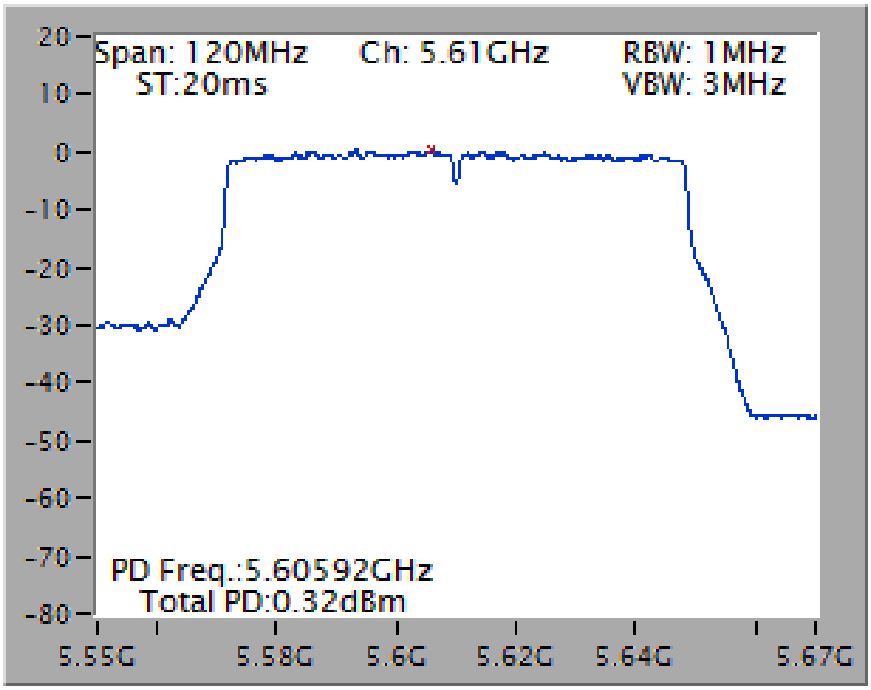


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

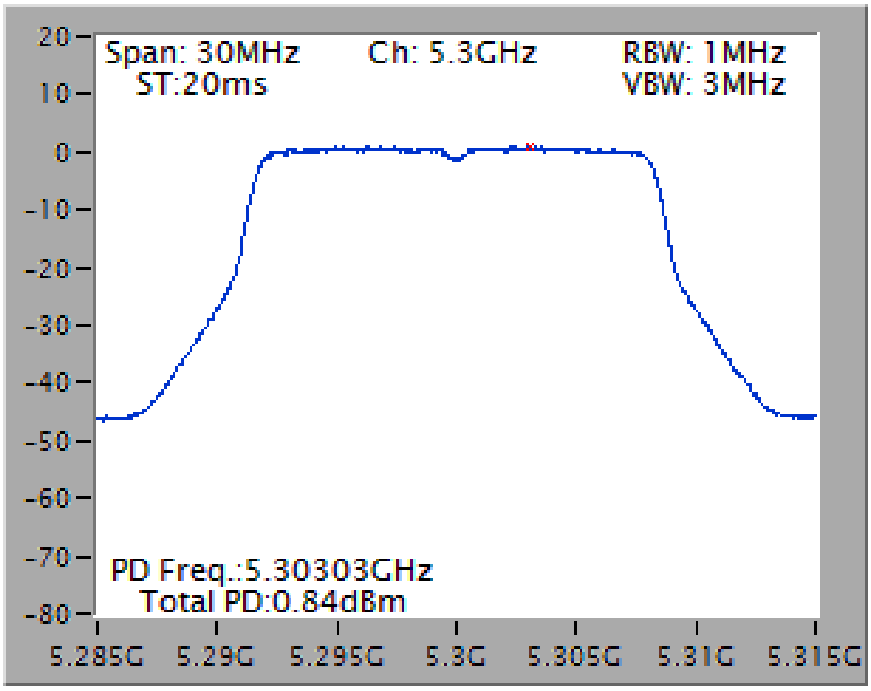


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

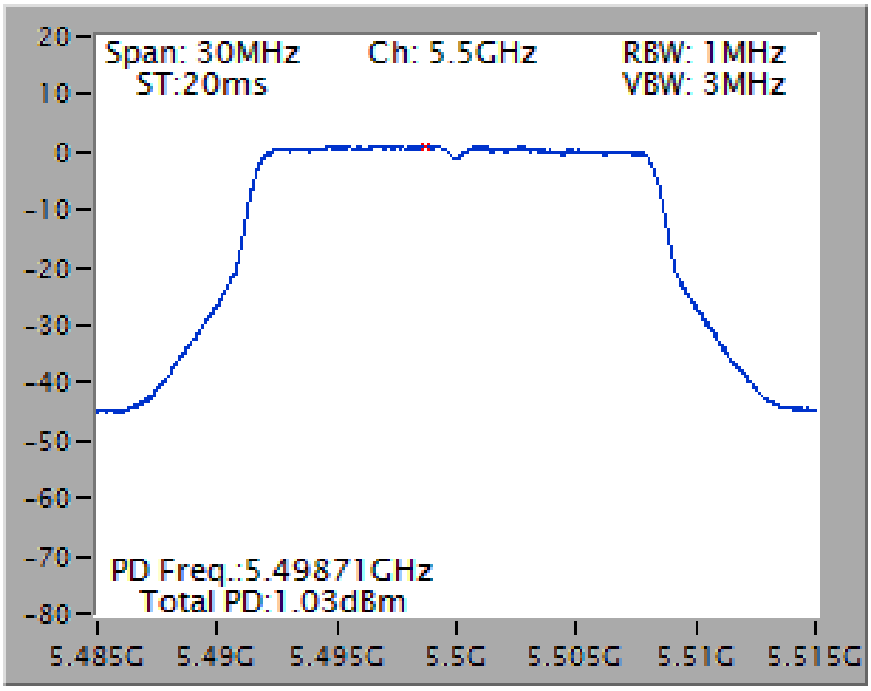


For Mode 3:

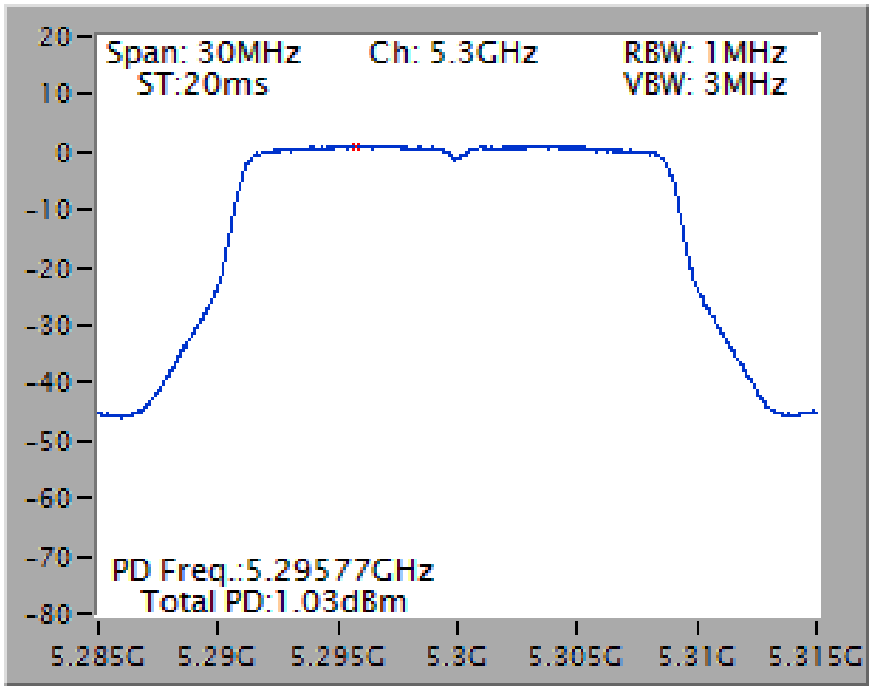
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



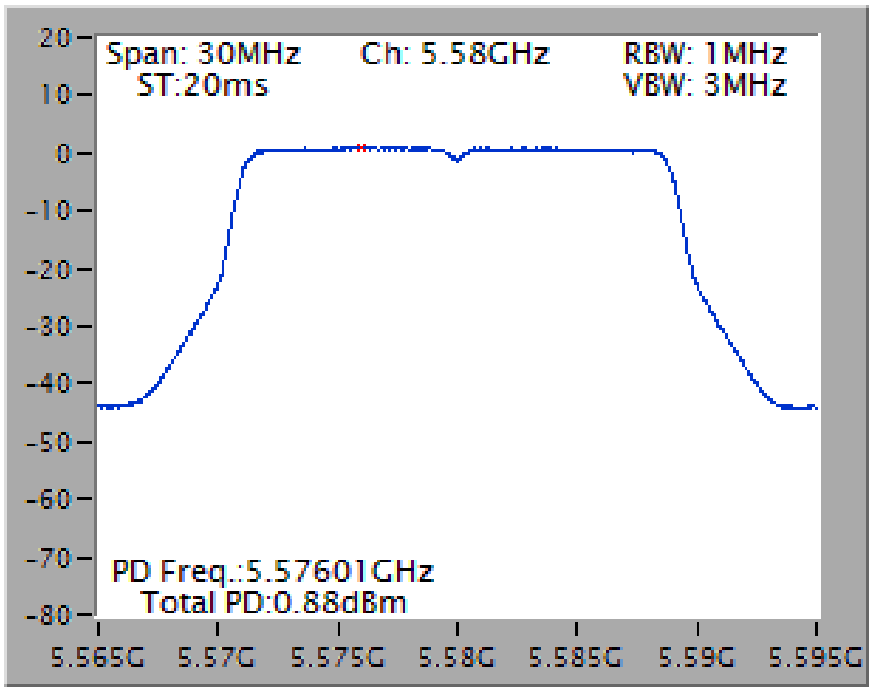
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



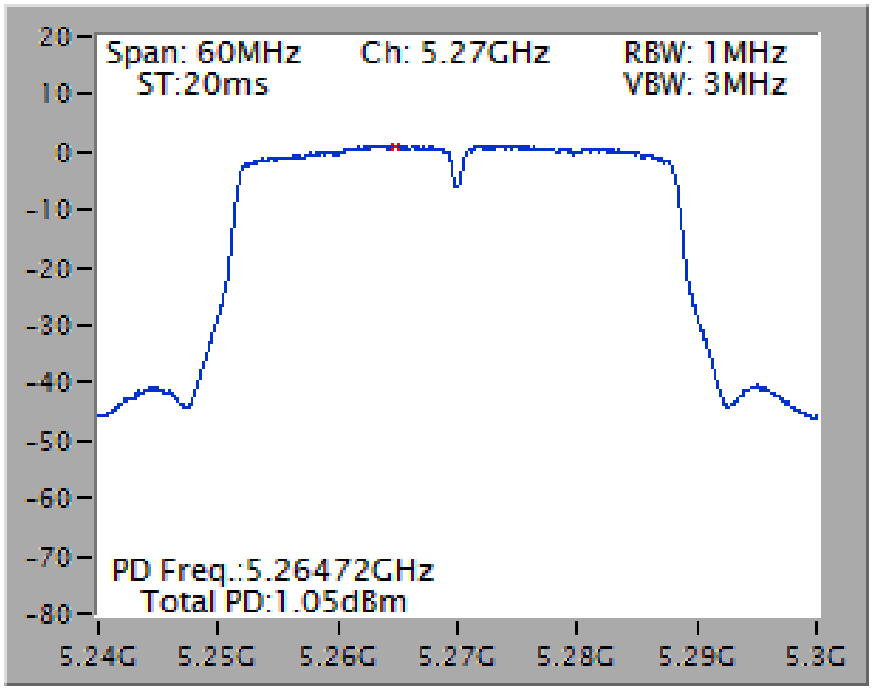
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



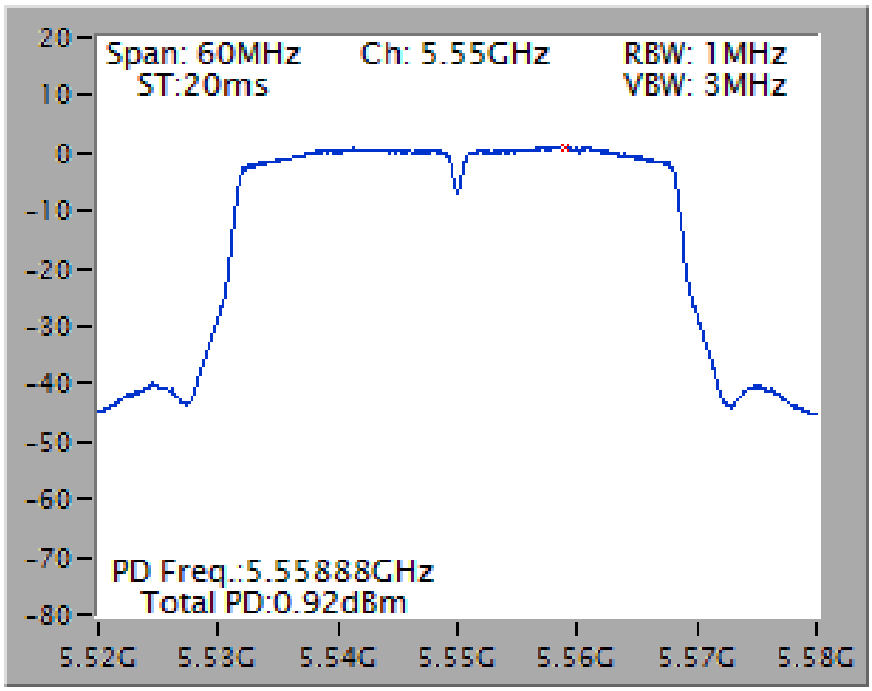
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



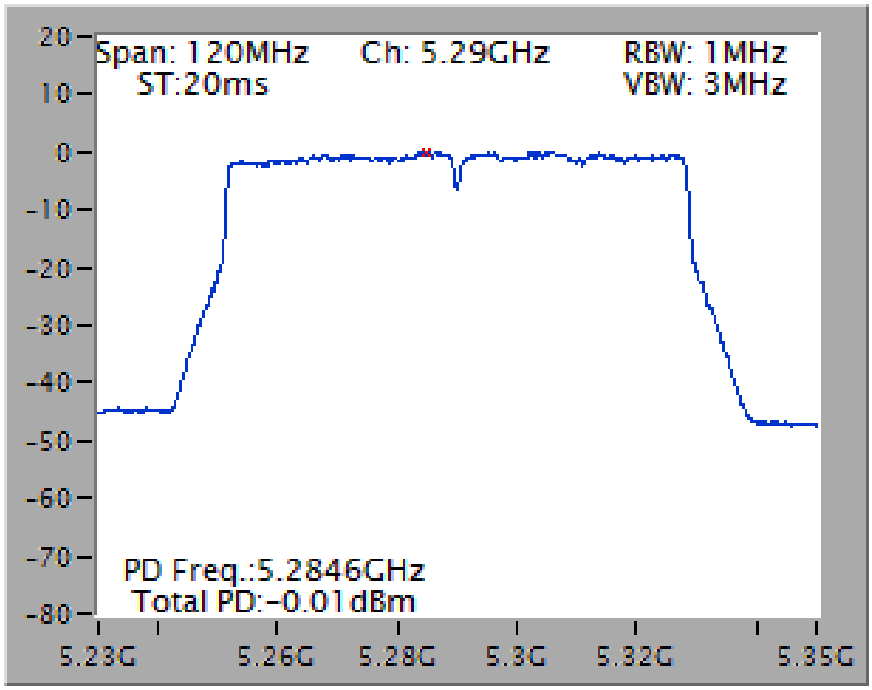
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



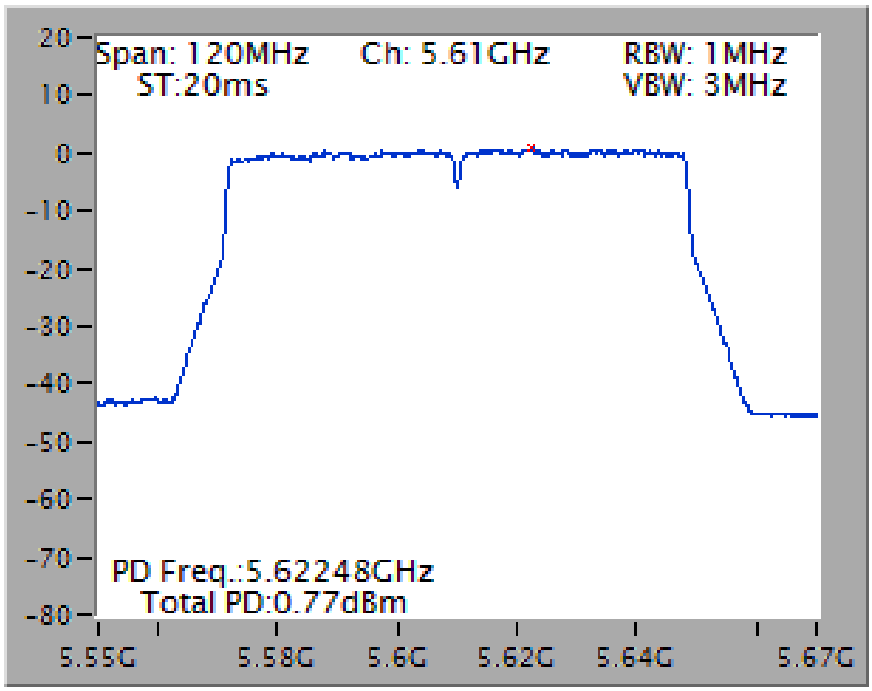
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



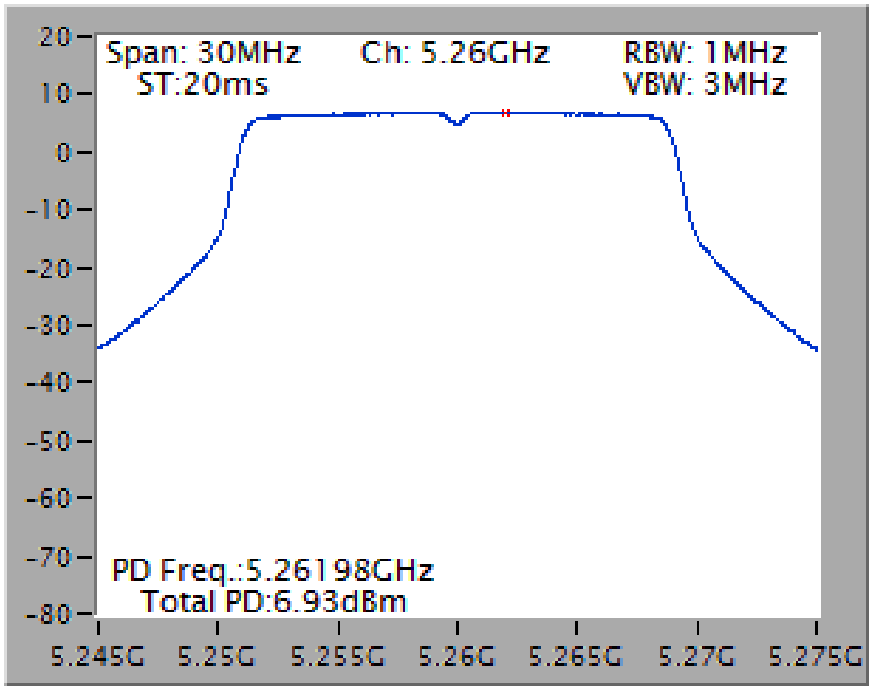
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



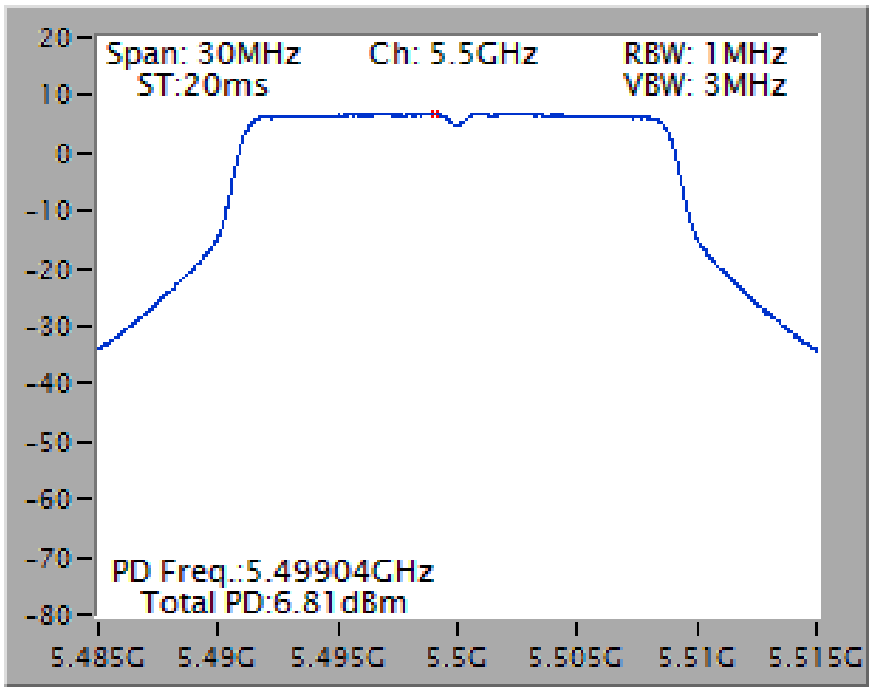
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



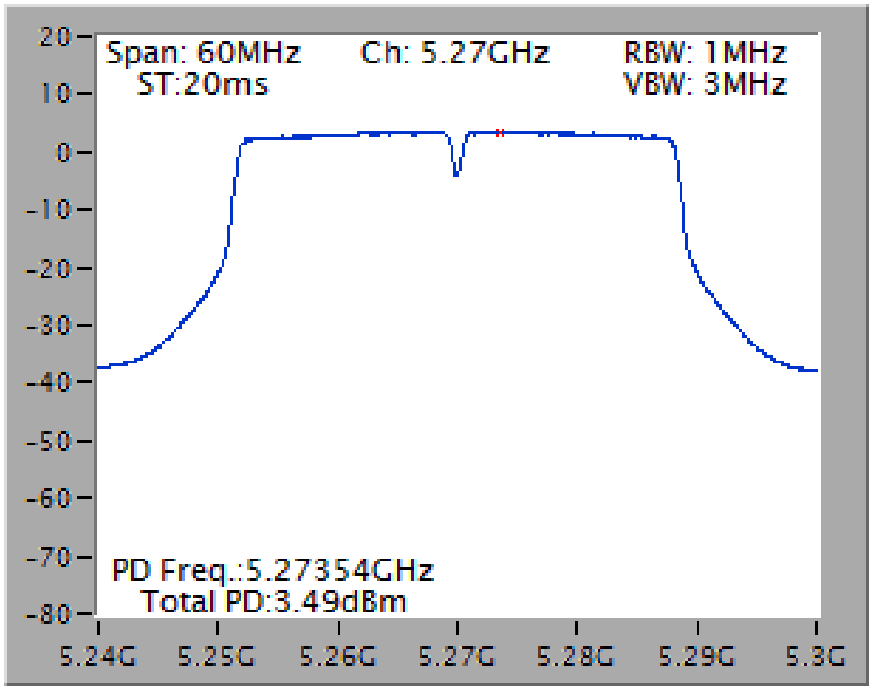
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



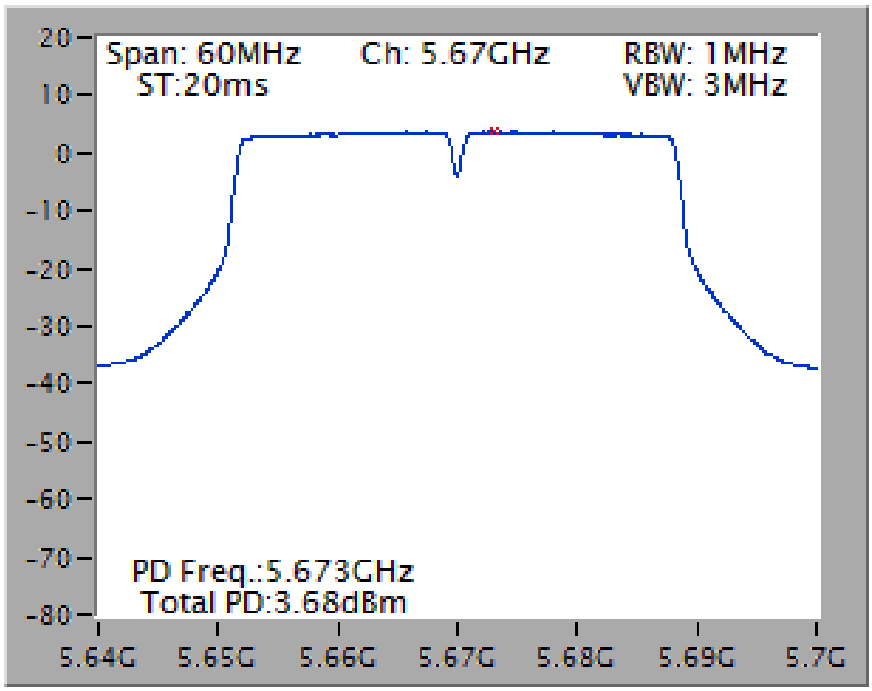
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



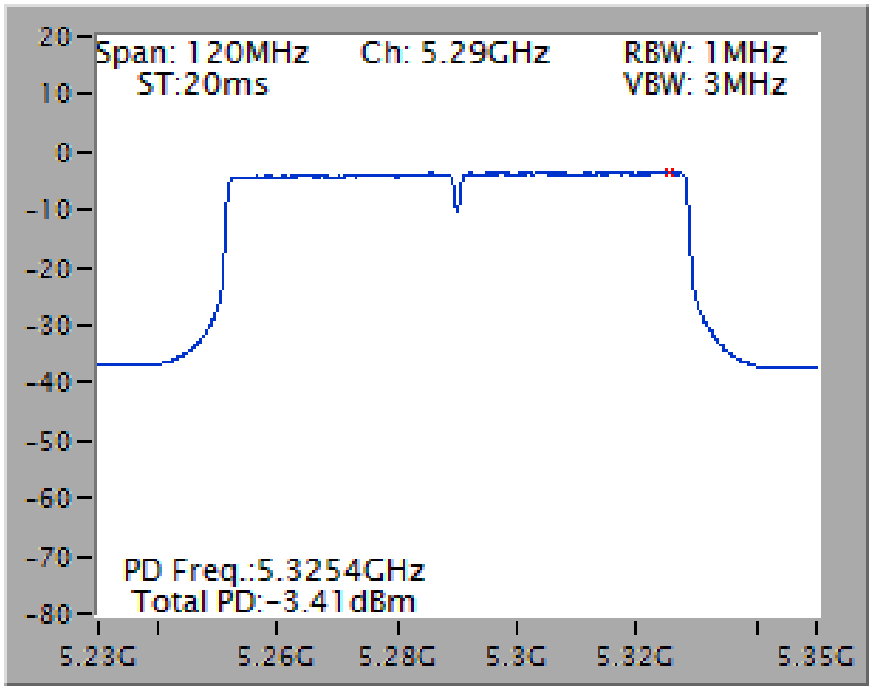
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



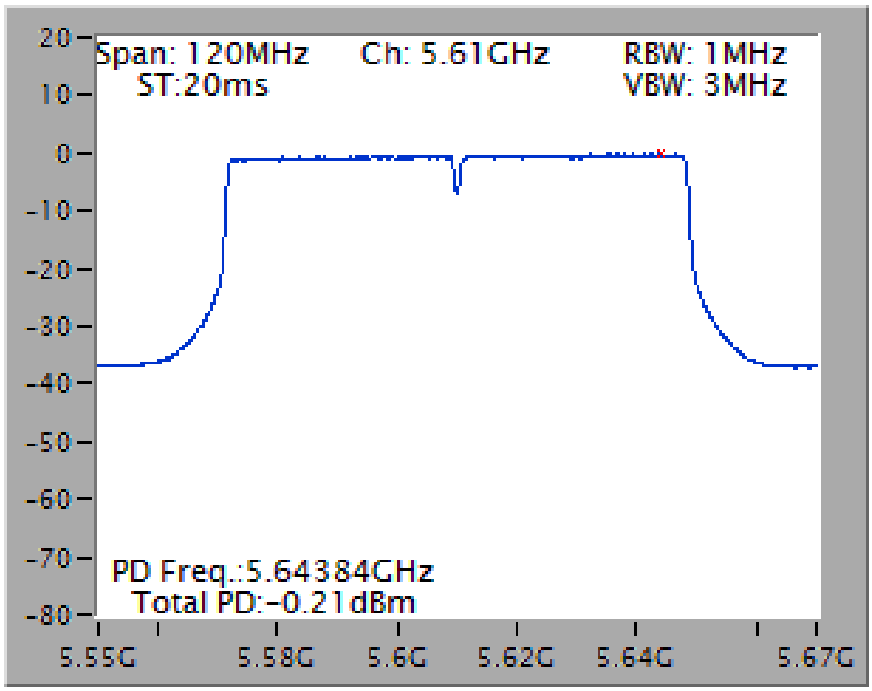
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5670 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

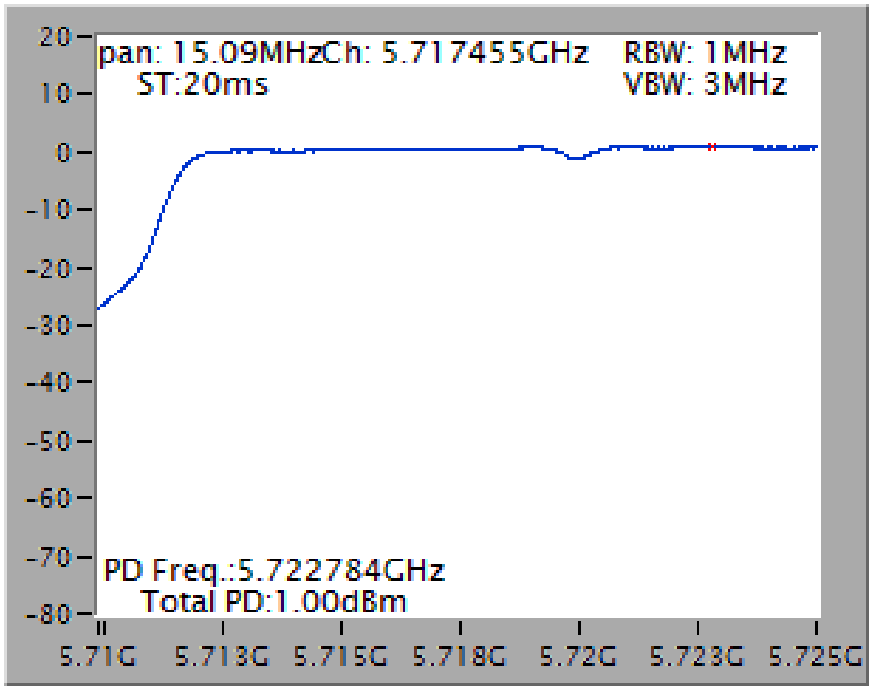


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

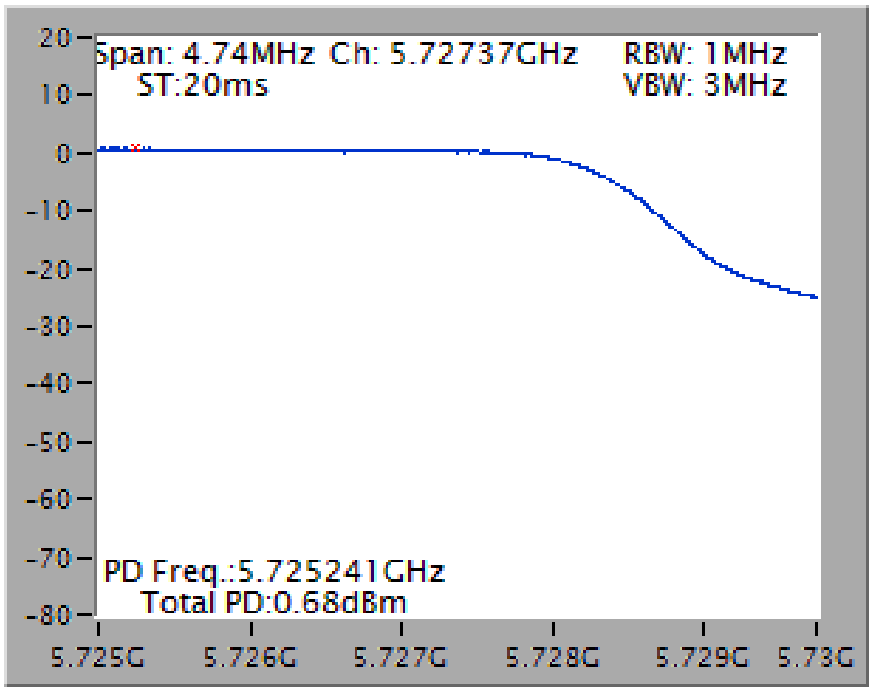


Straddle Channel

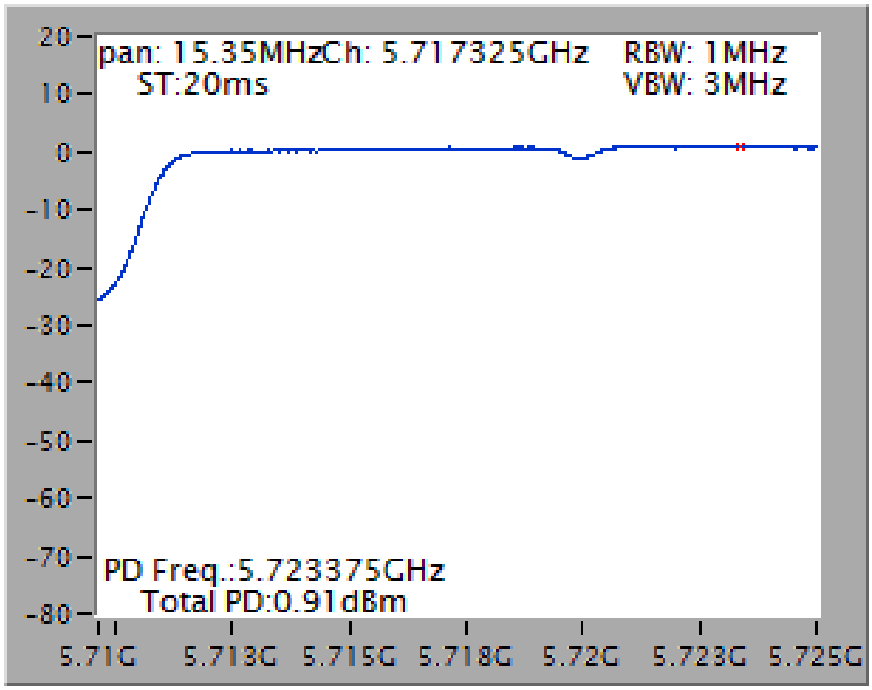
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



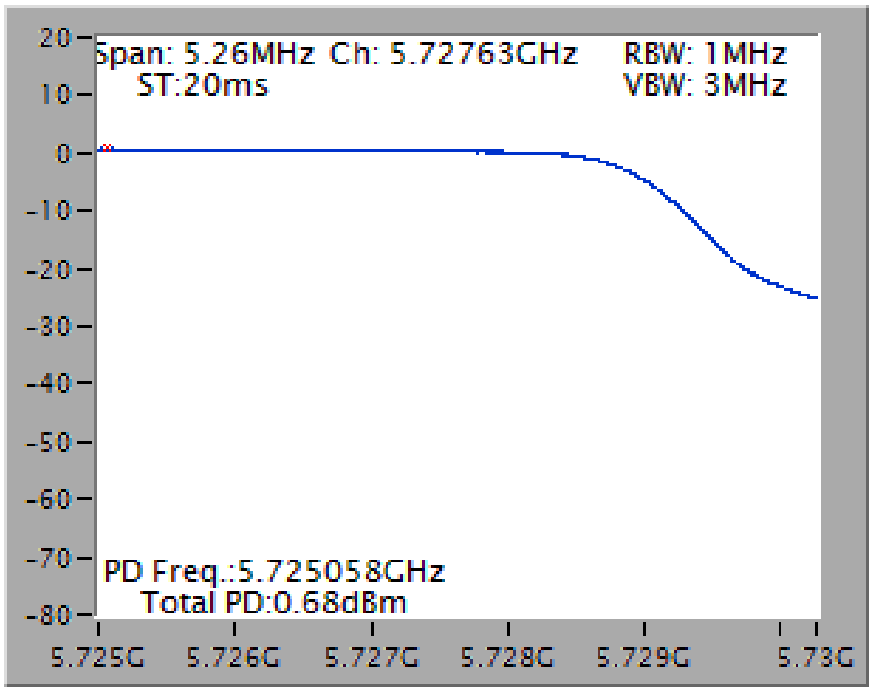
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



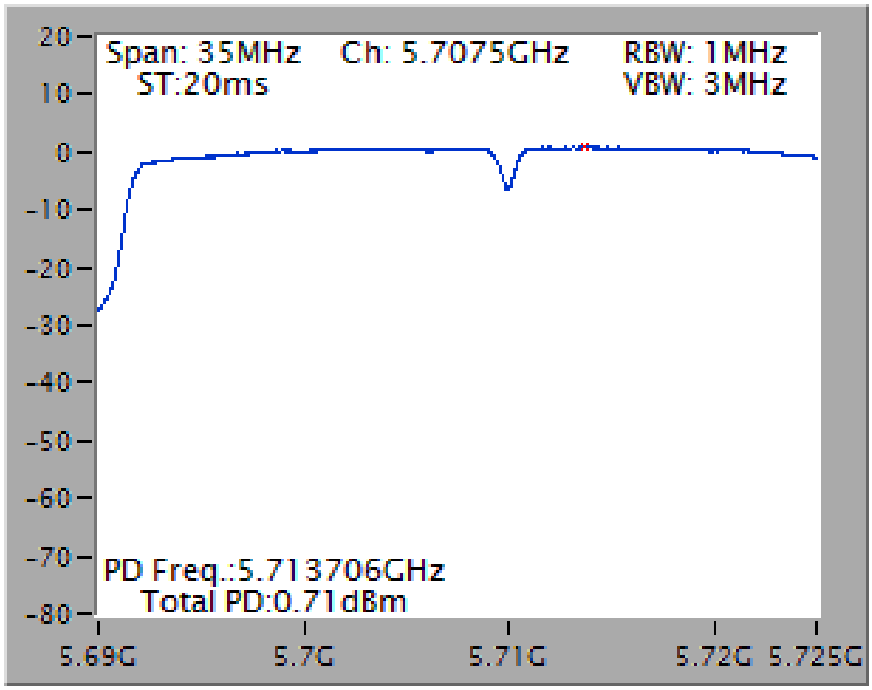
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



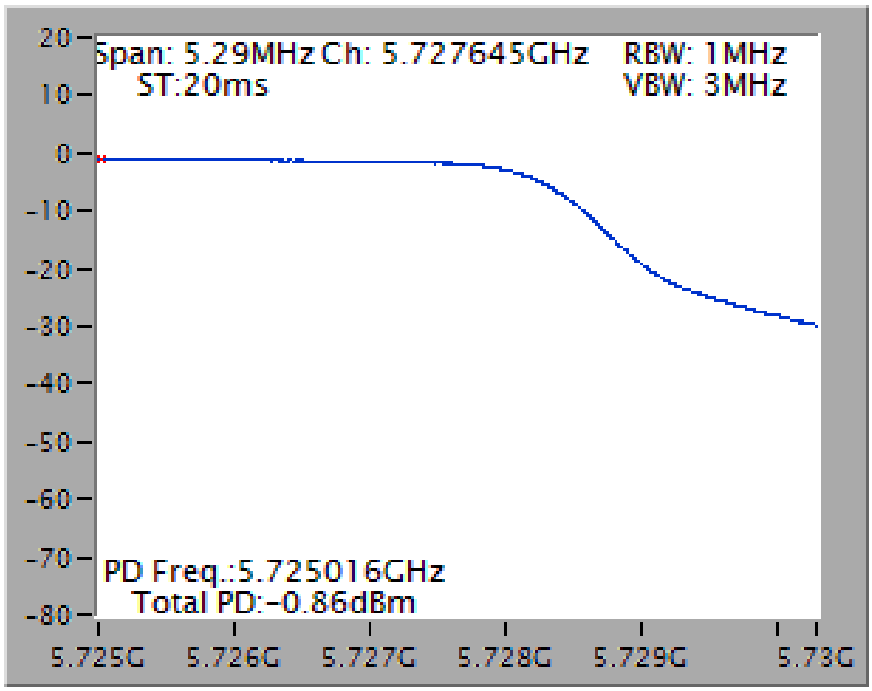
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



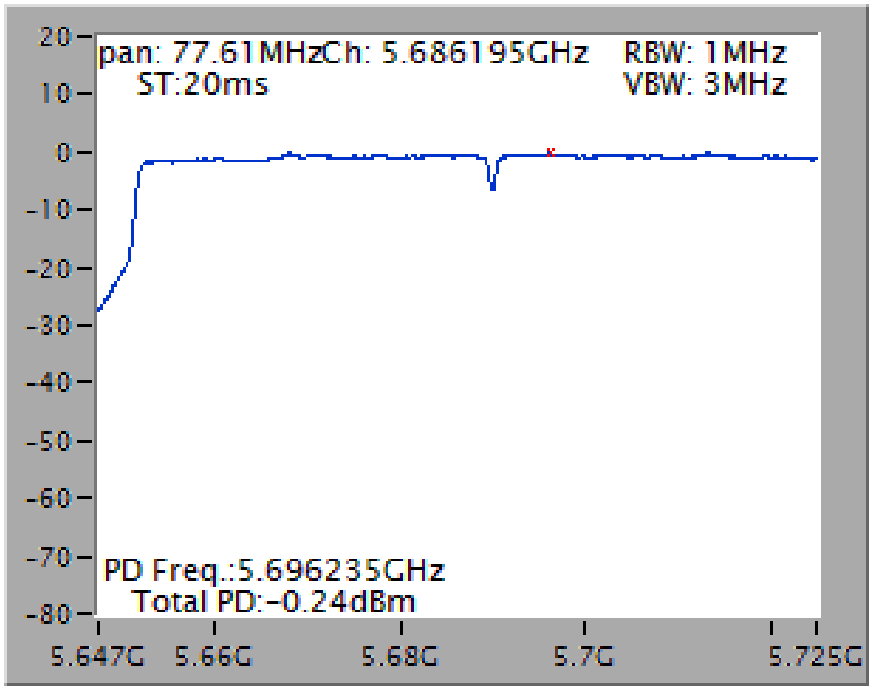
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



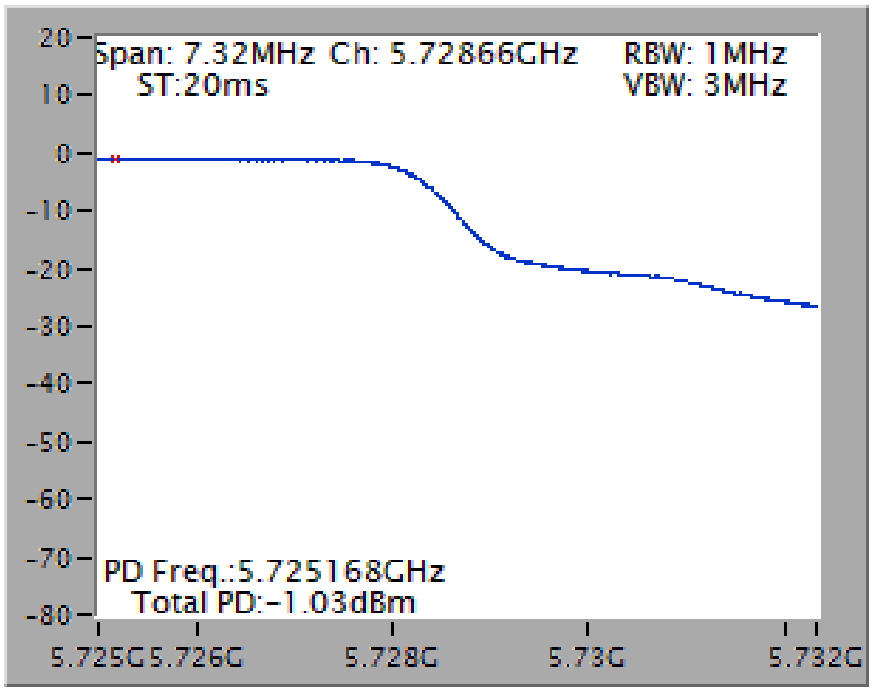
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



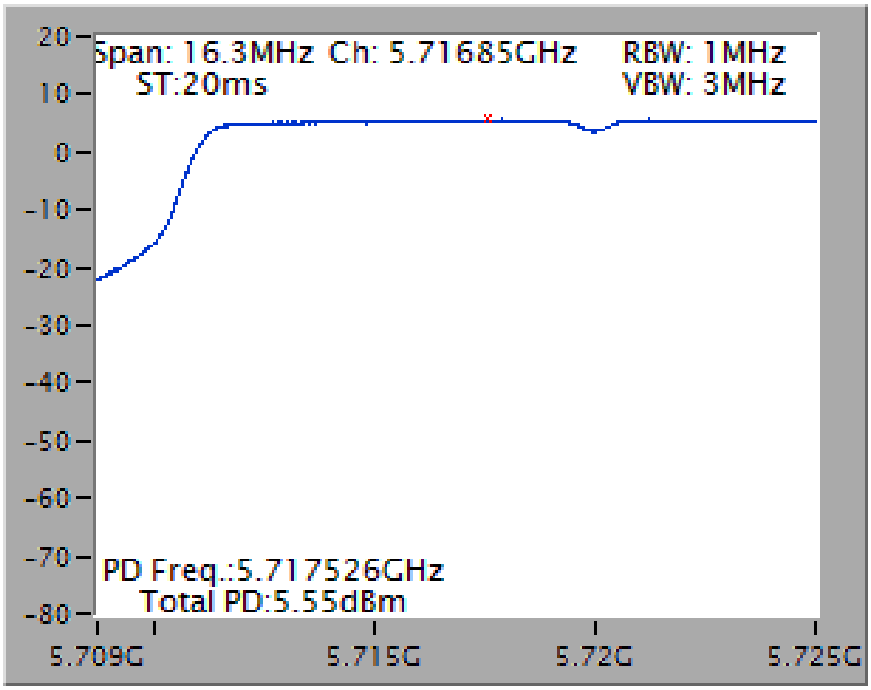
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



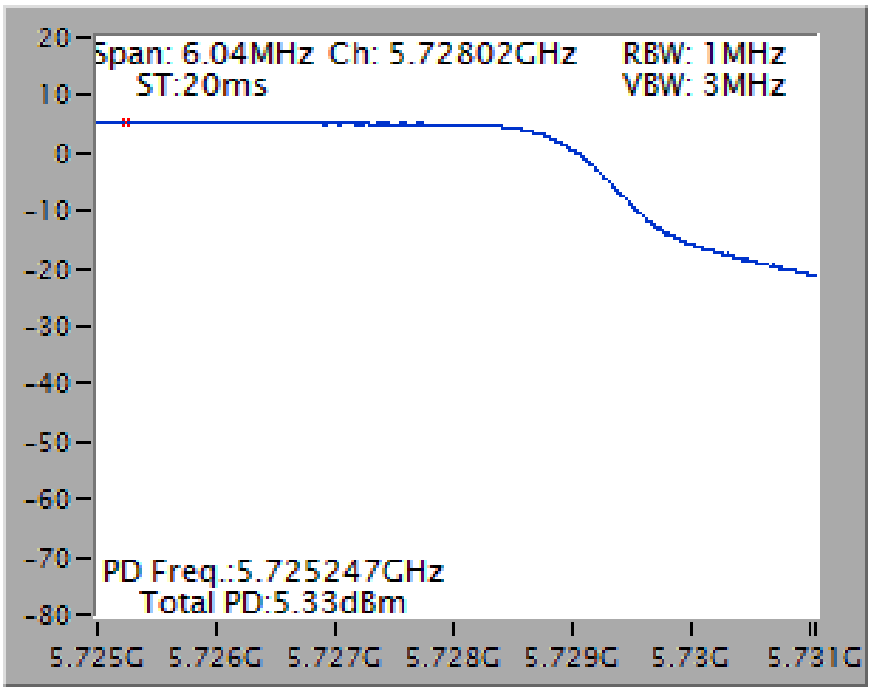
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



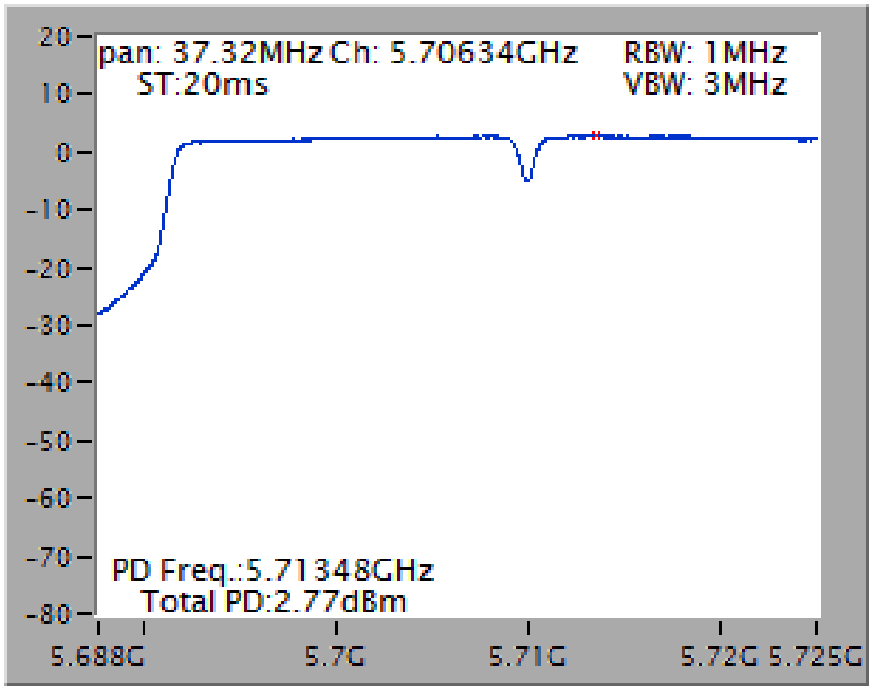
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



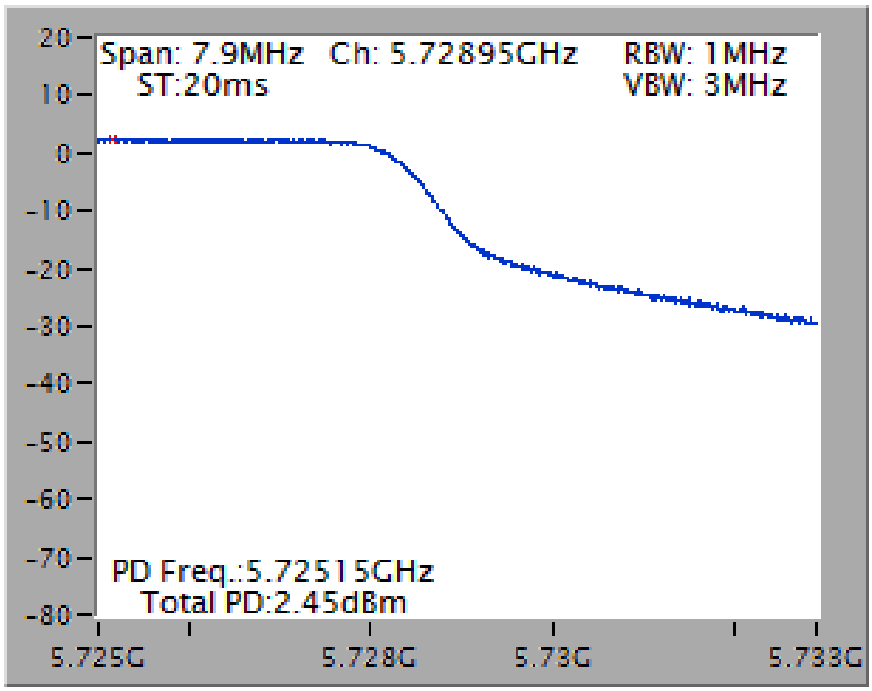
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



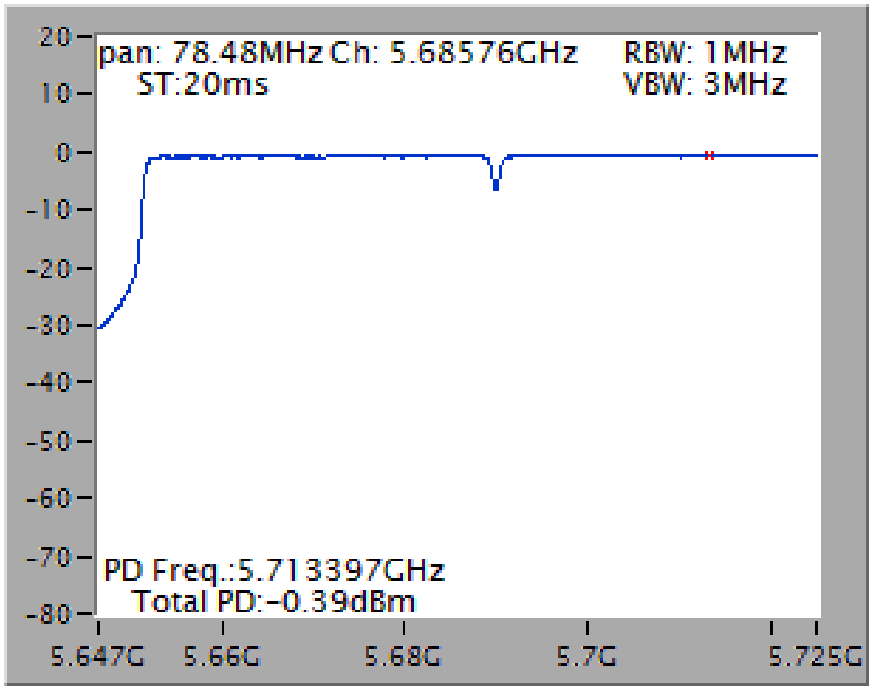
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



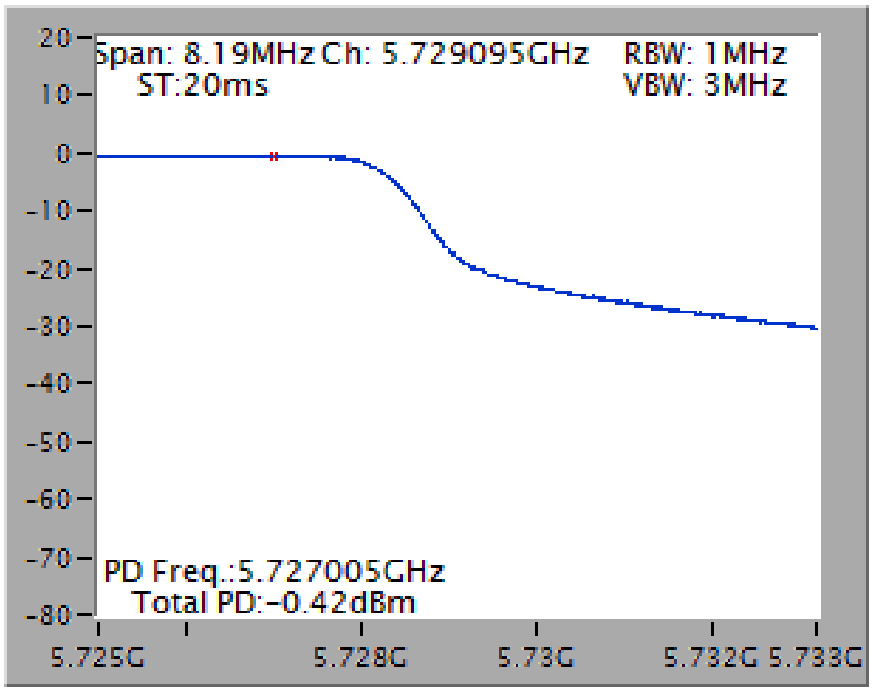
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

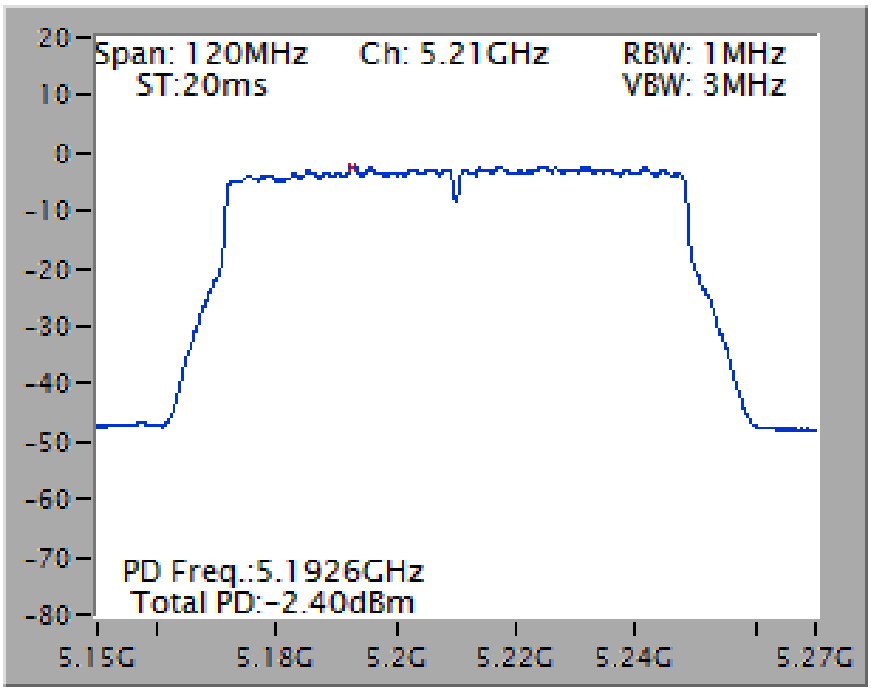


802.11ac MCS0/Nss2 VHT80+80

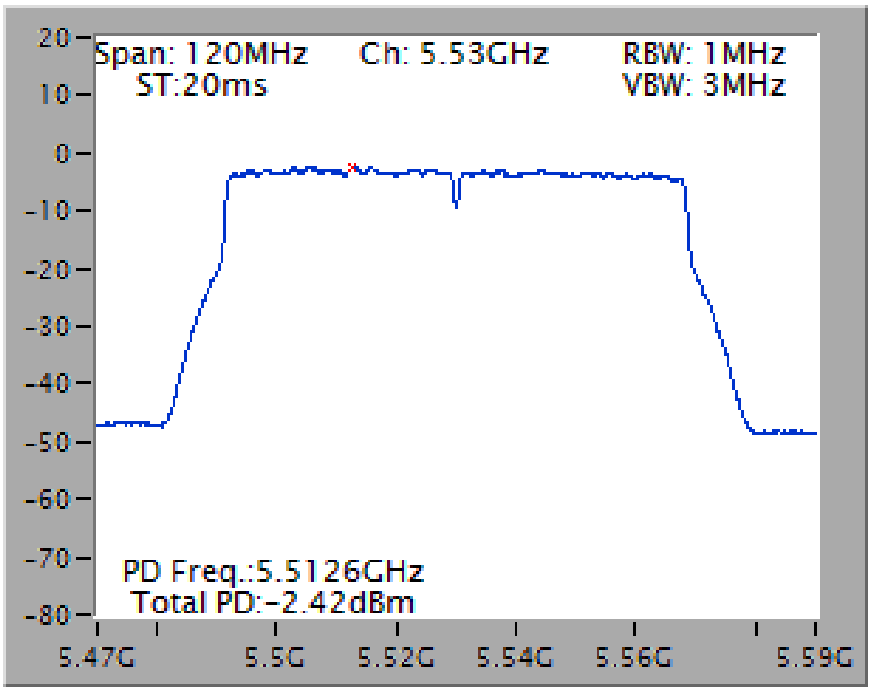
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

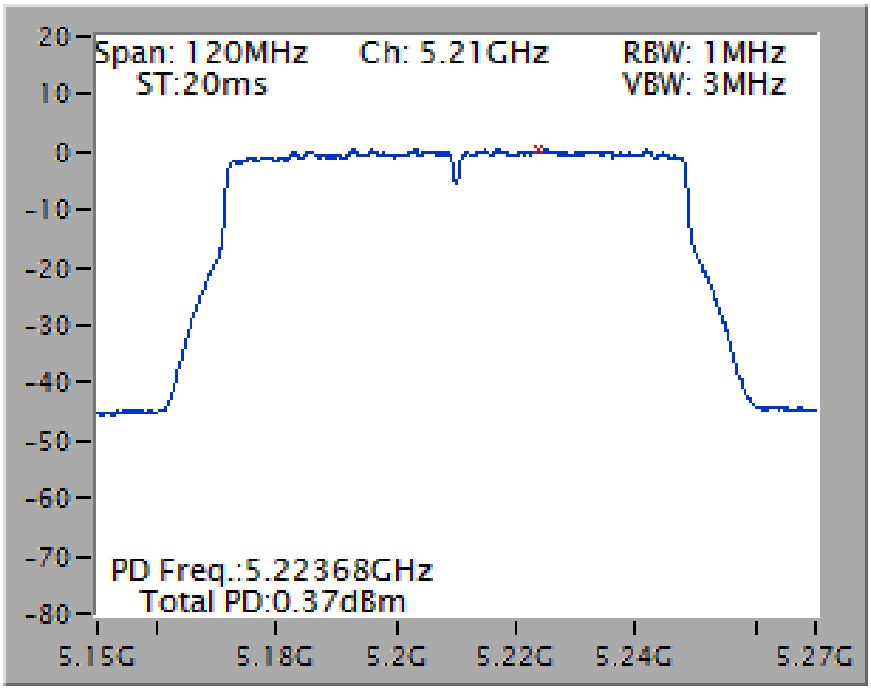


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

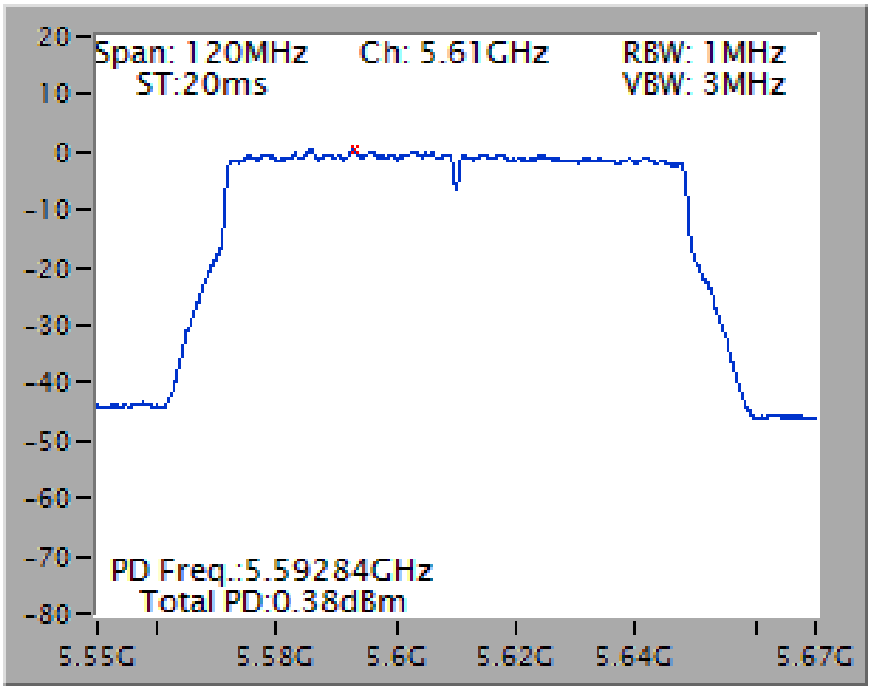


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

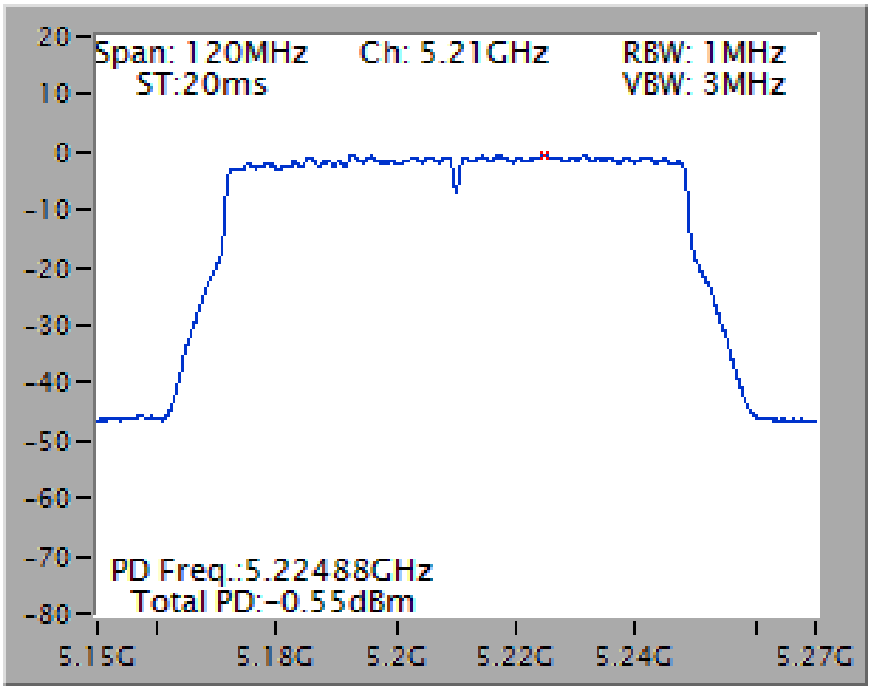


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

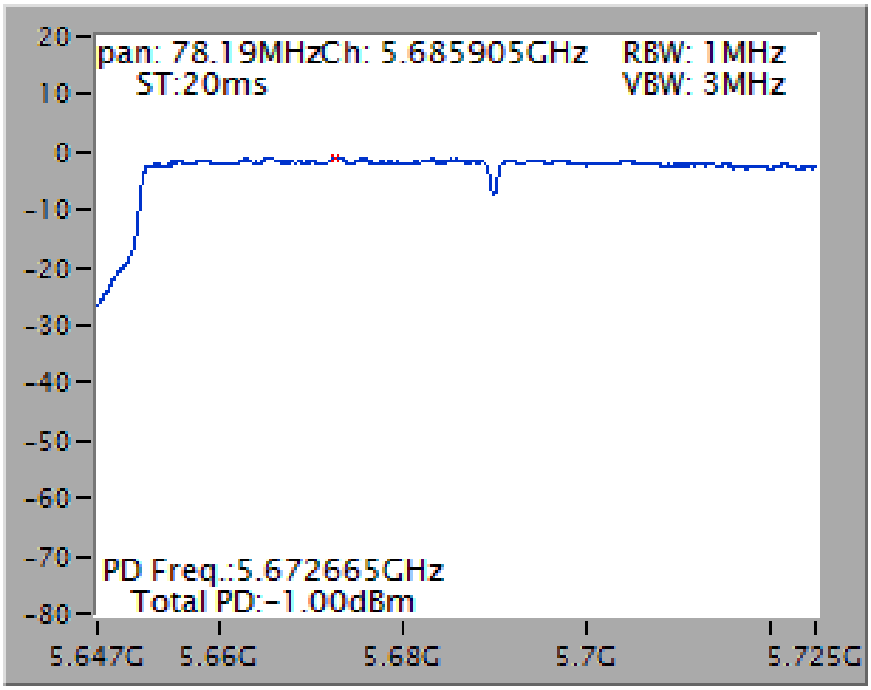


Type 3

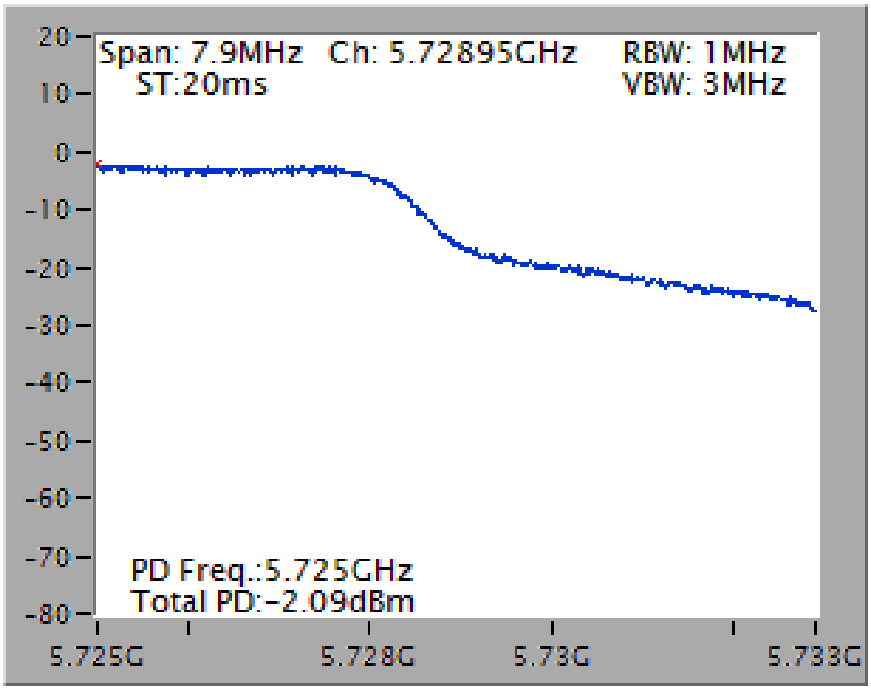
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

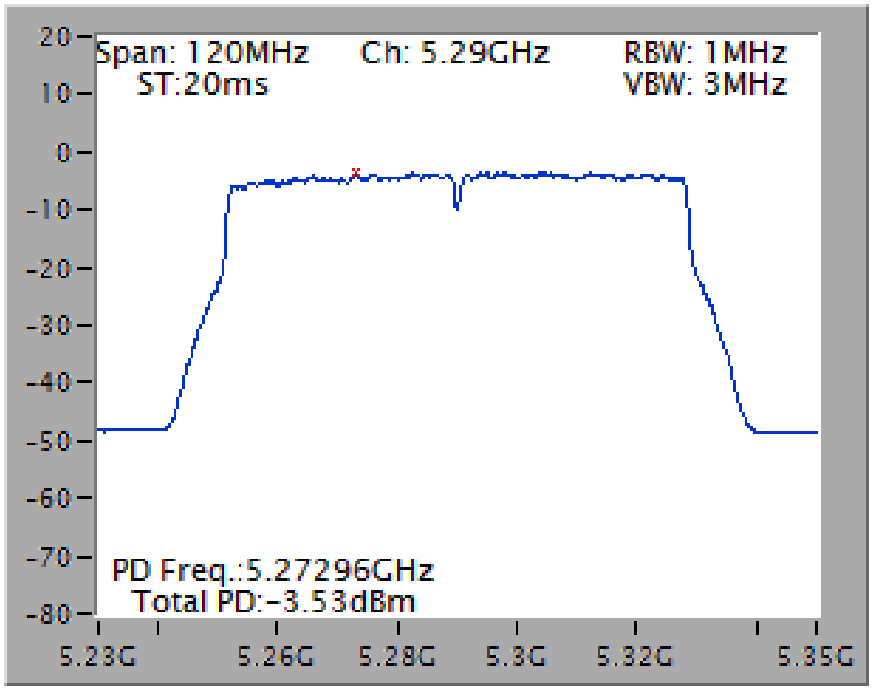


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

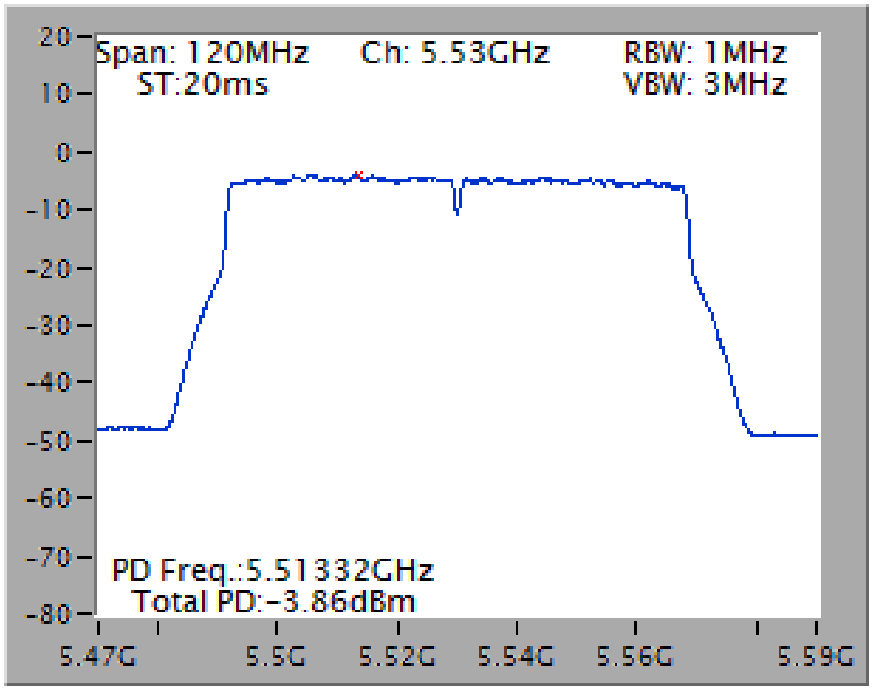


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

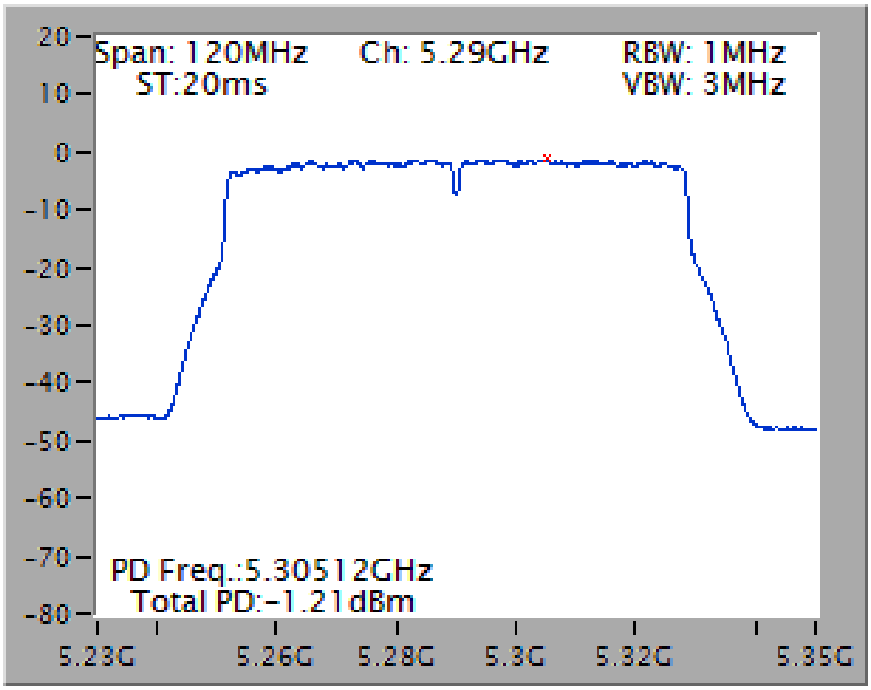


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

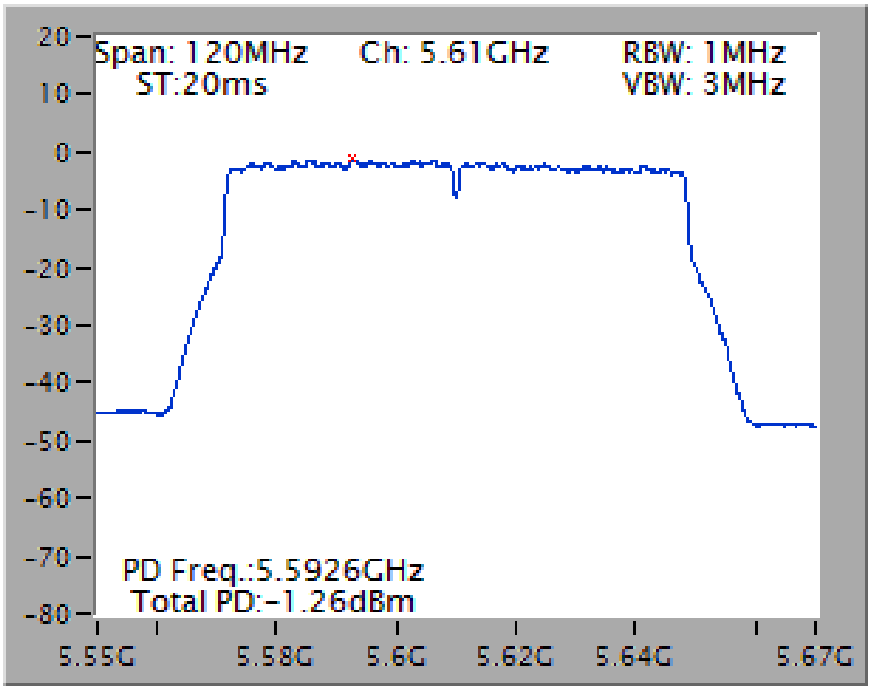


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

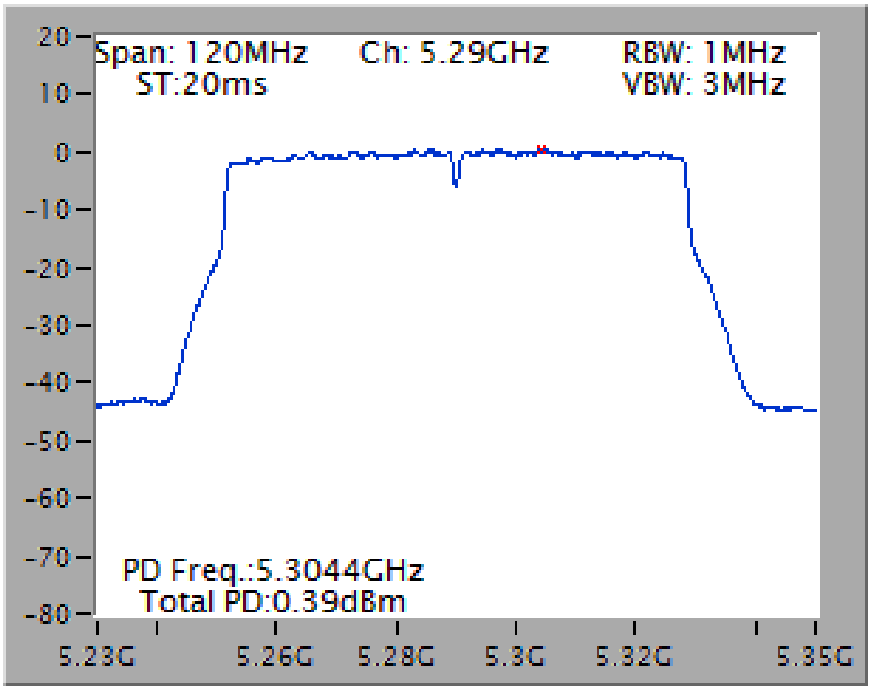


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

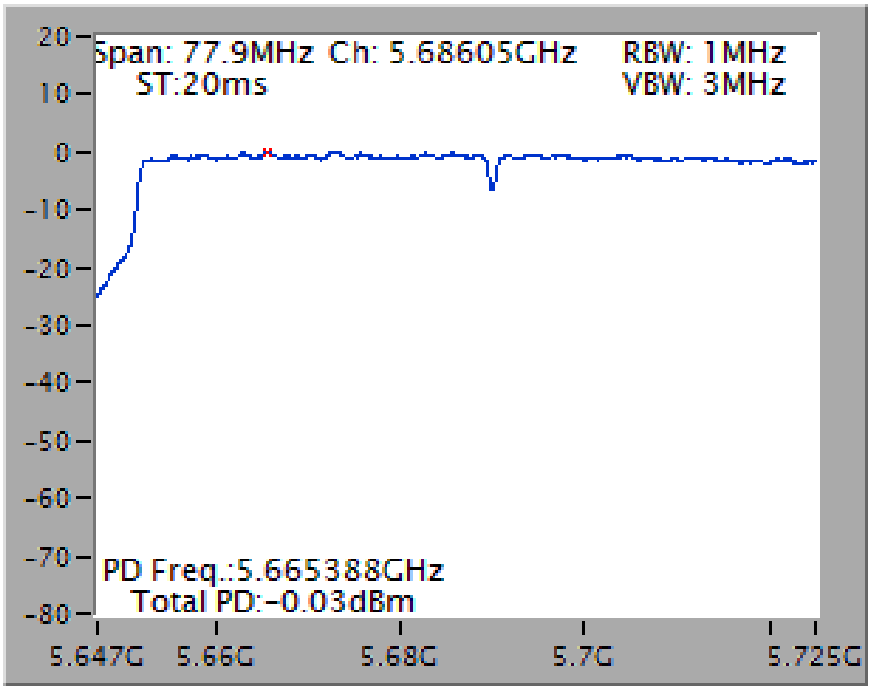


Type 6

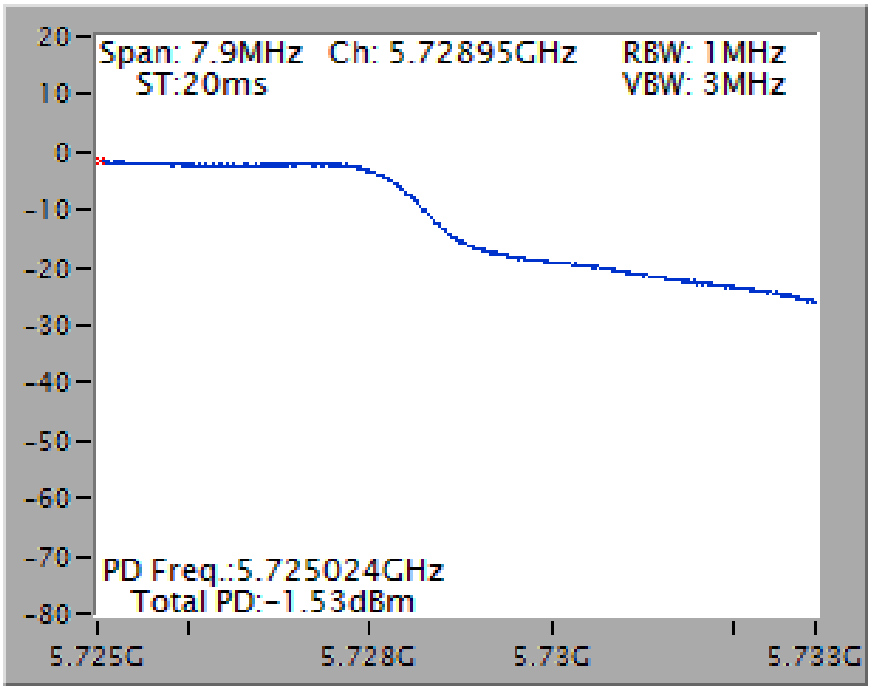
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

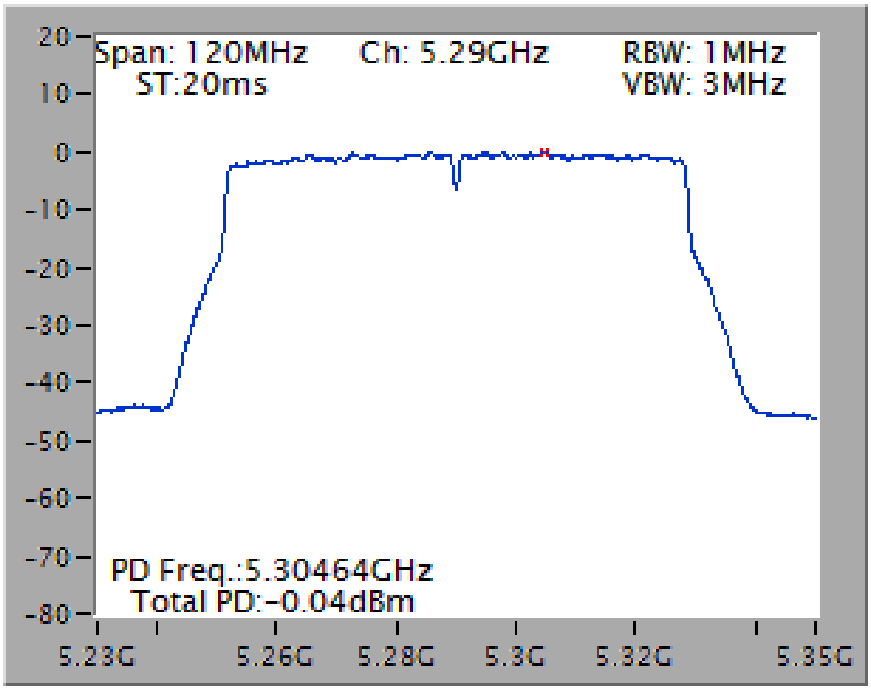


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

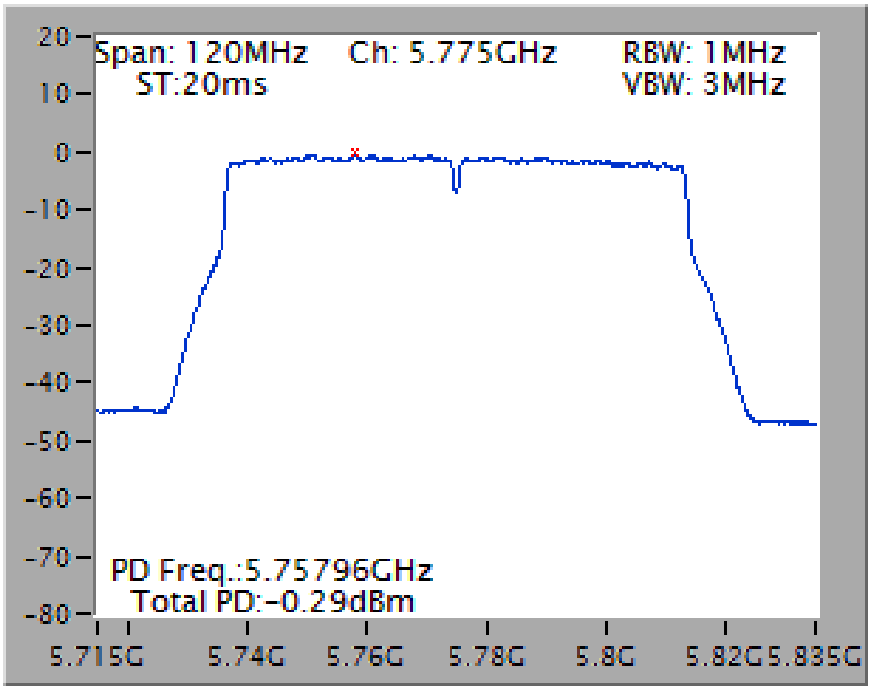


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

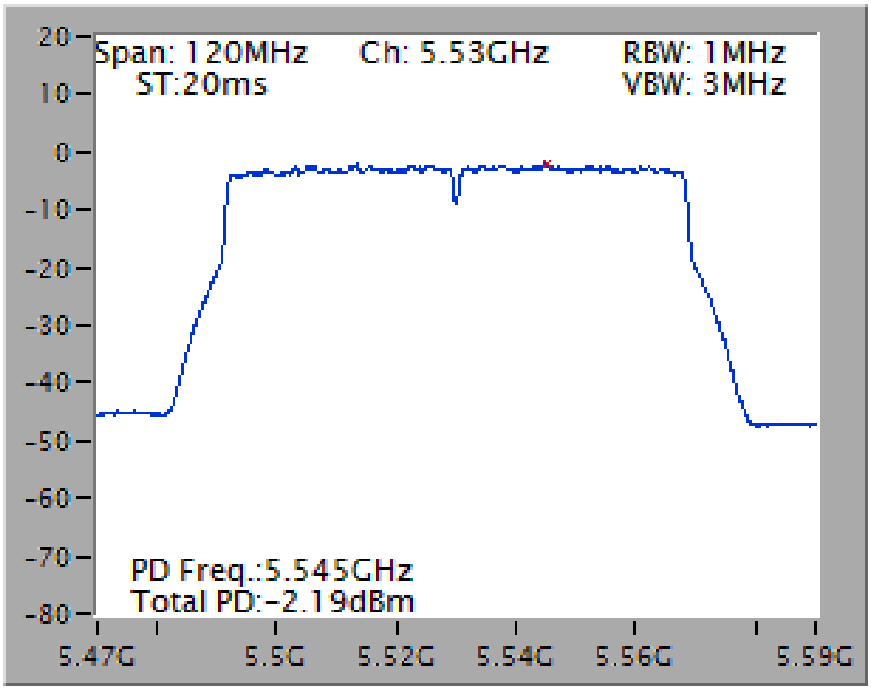


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

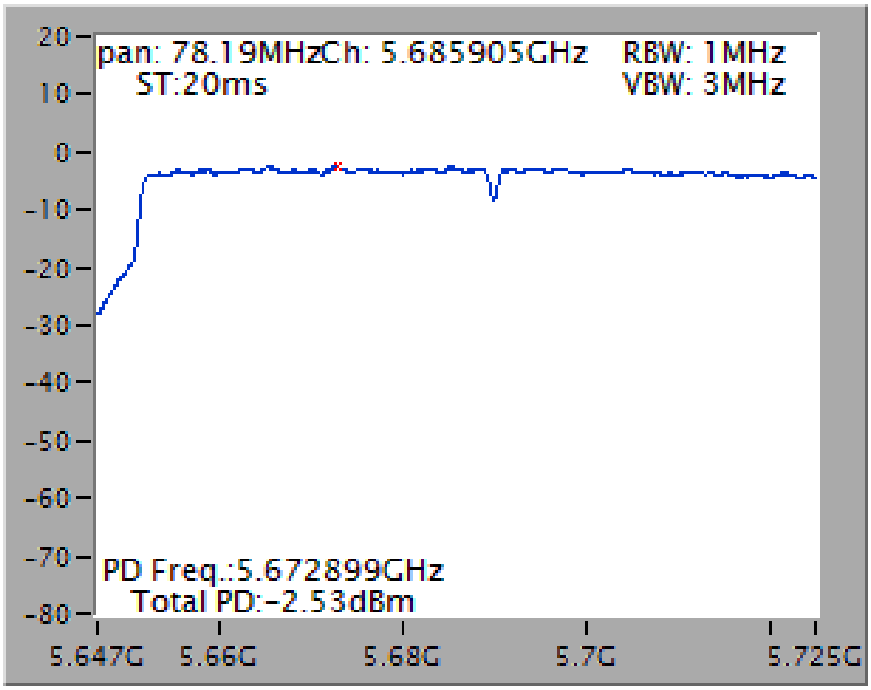


Type 8

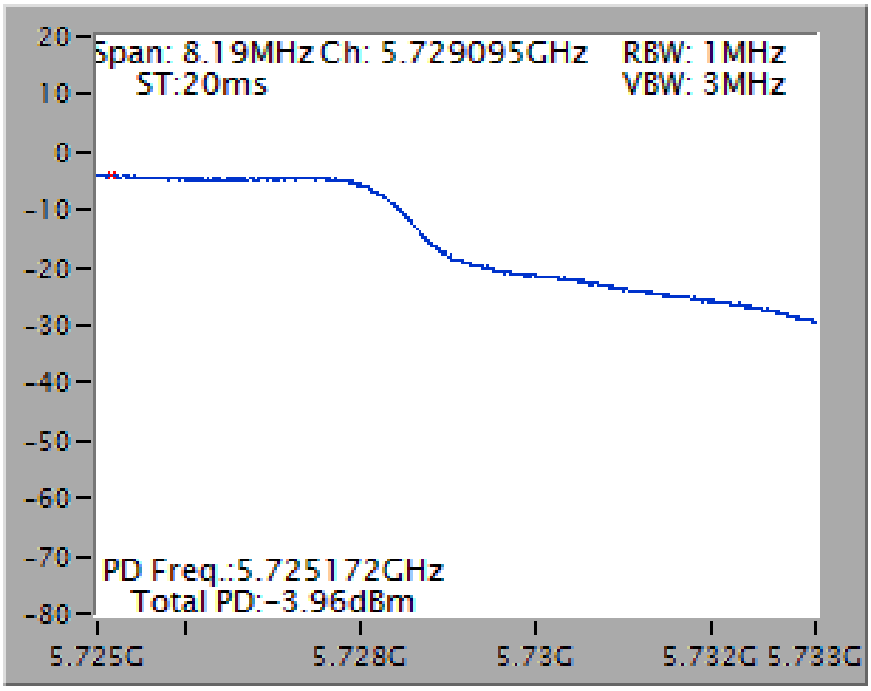
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

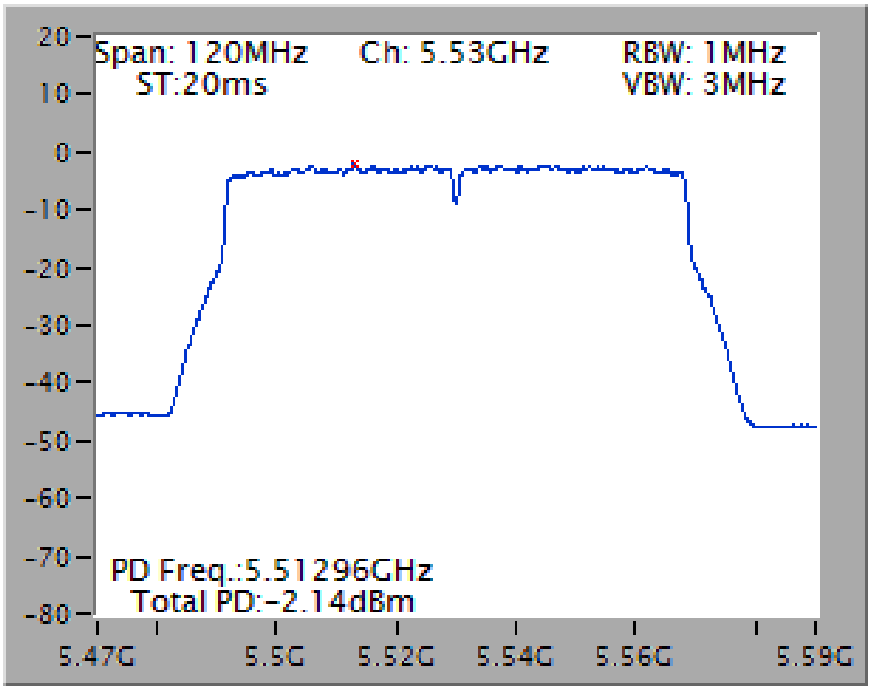


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

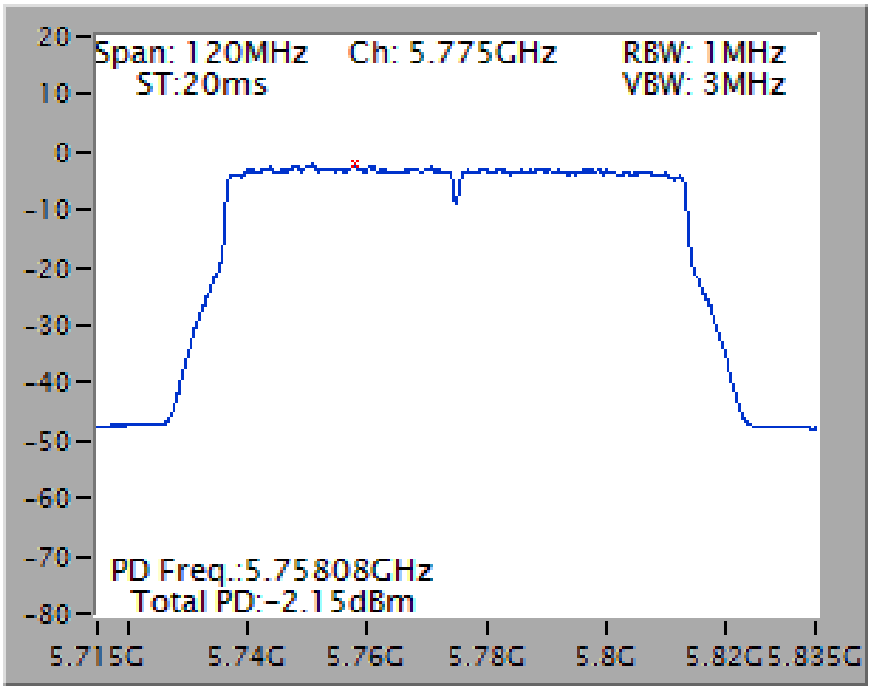


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

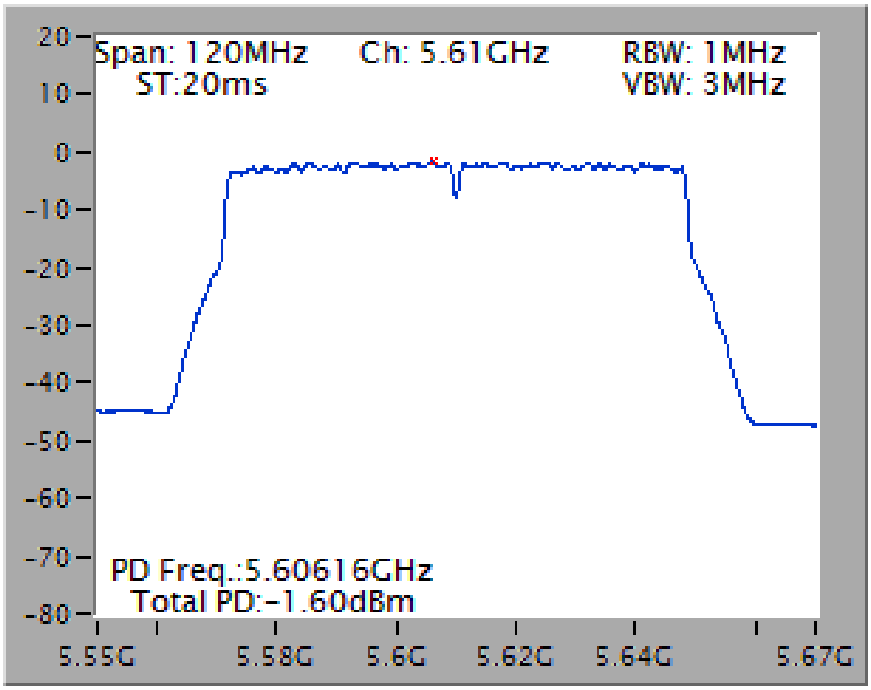


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

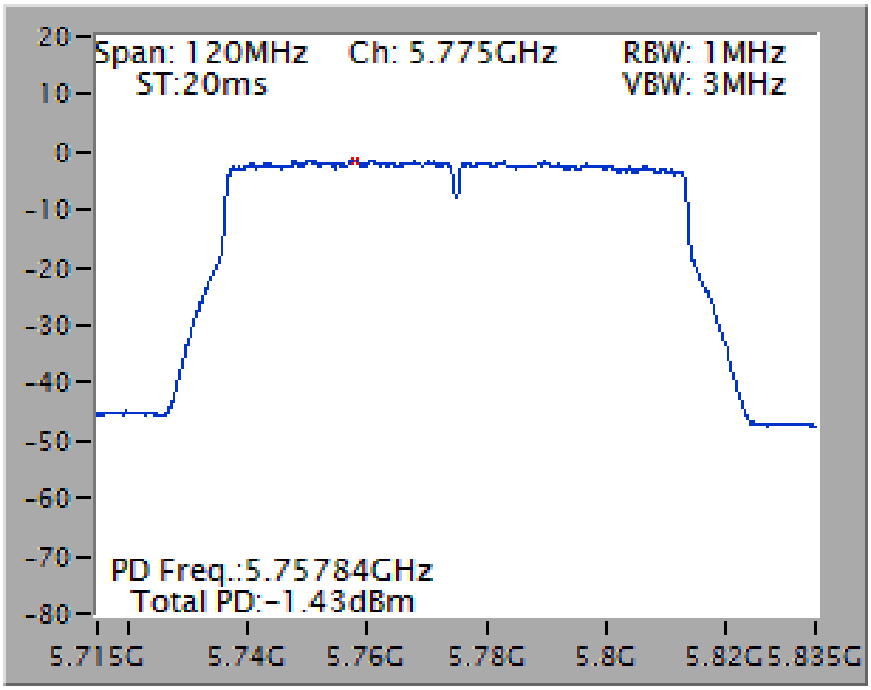


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

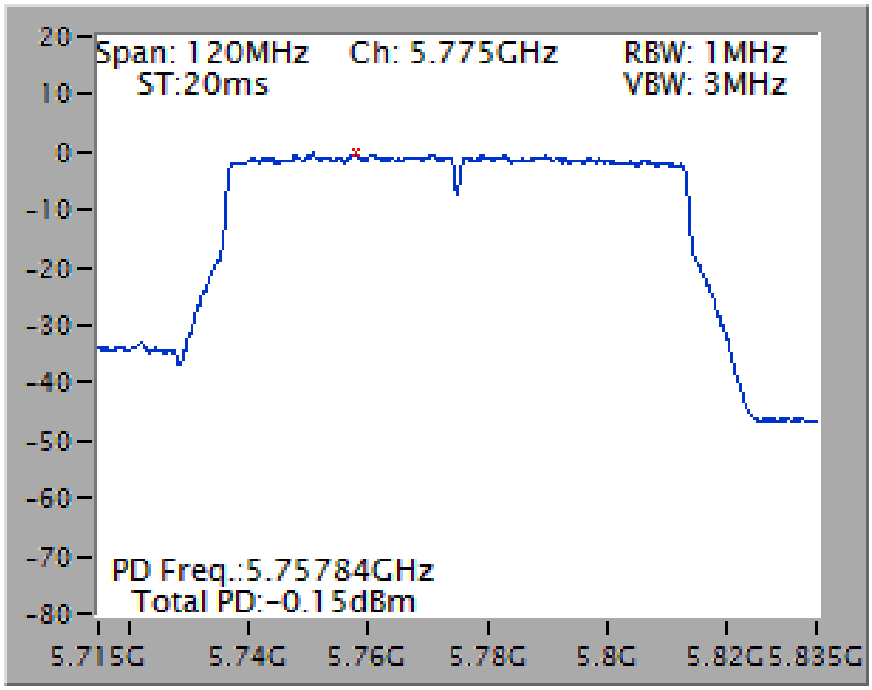


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

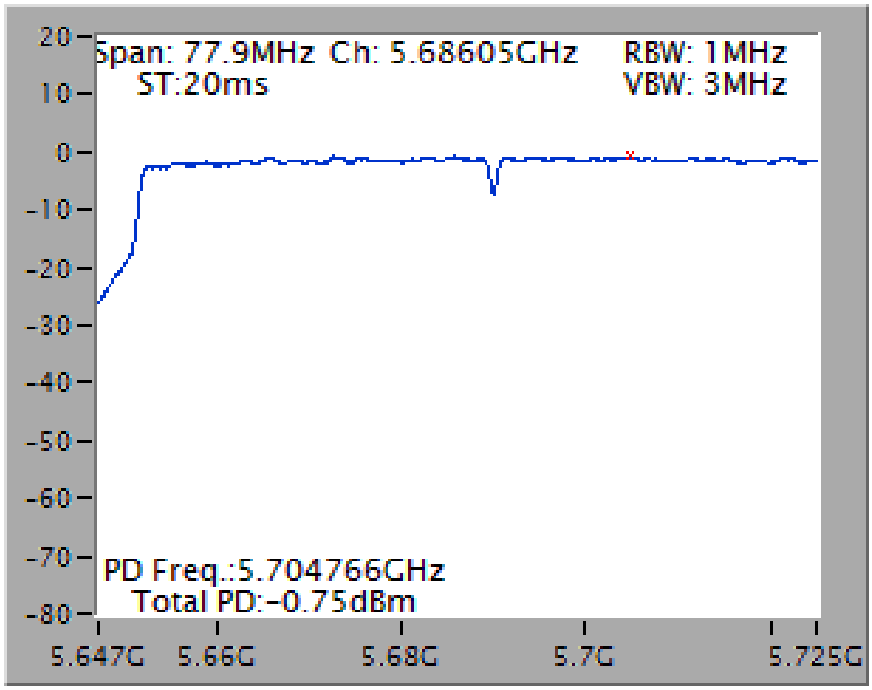


Type 11

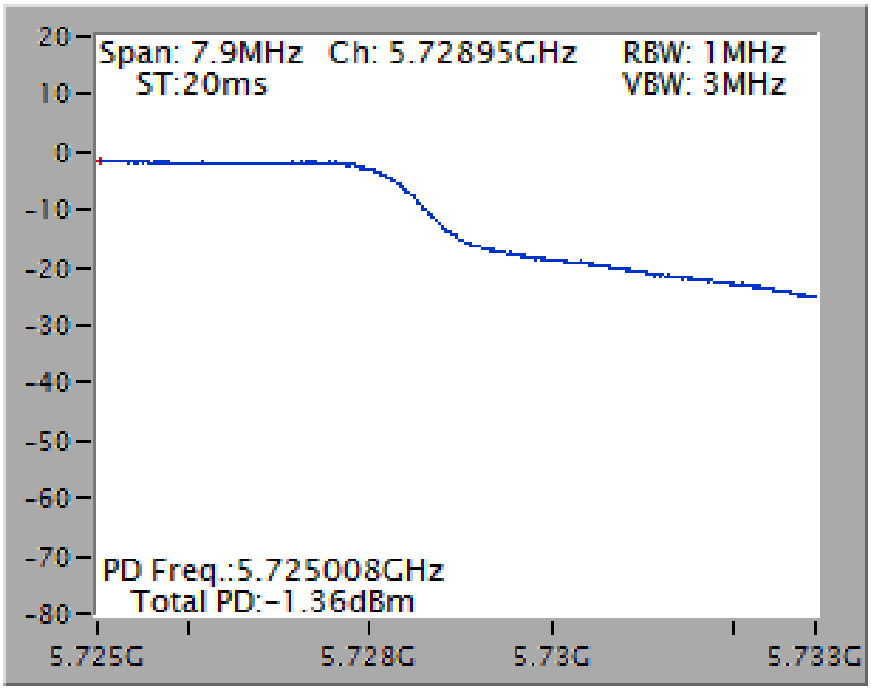
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

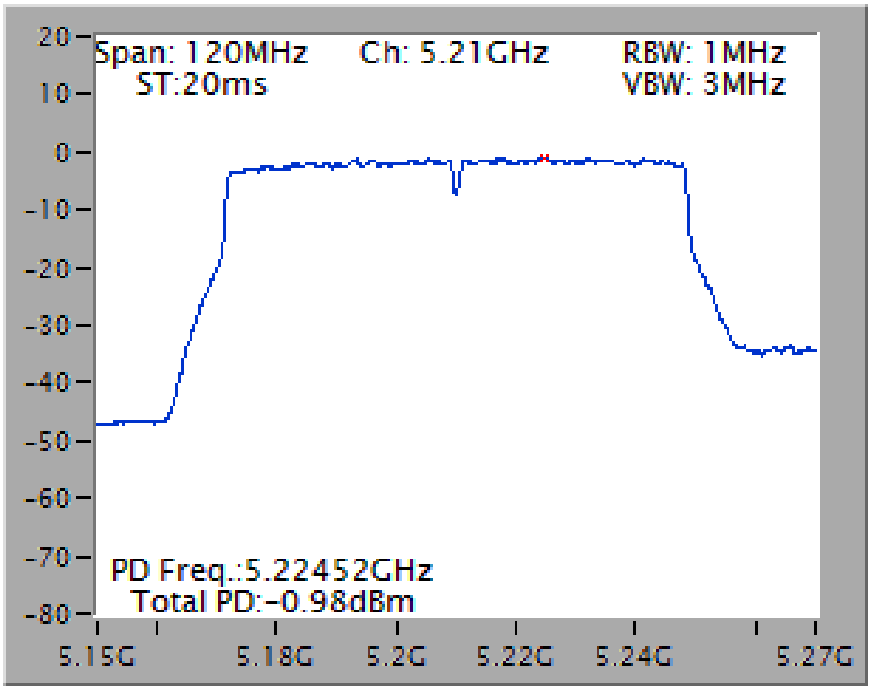


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

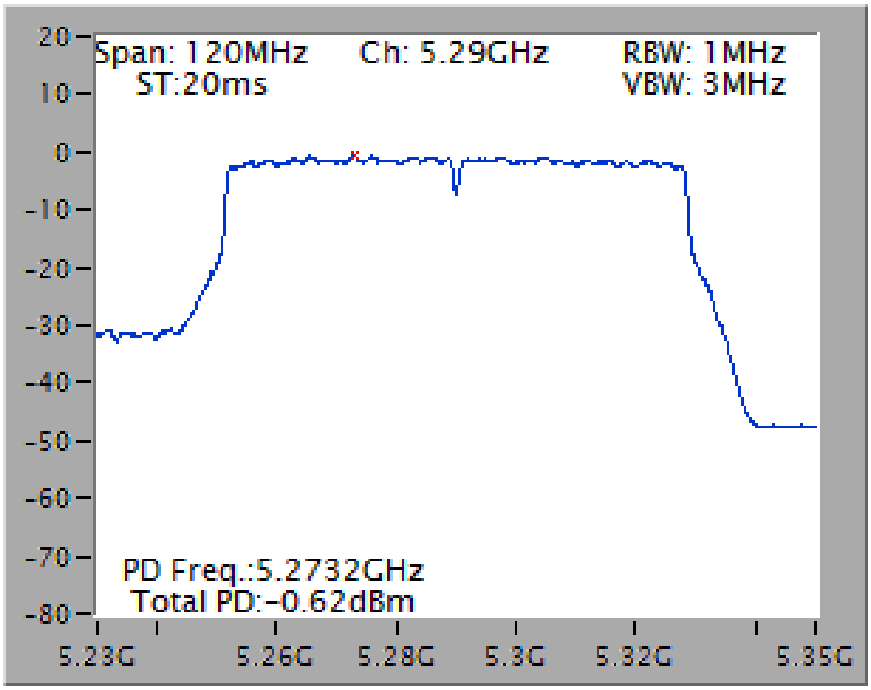


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

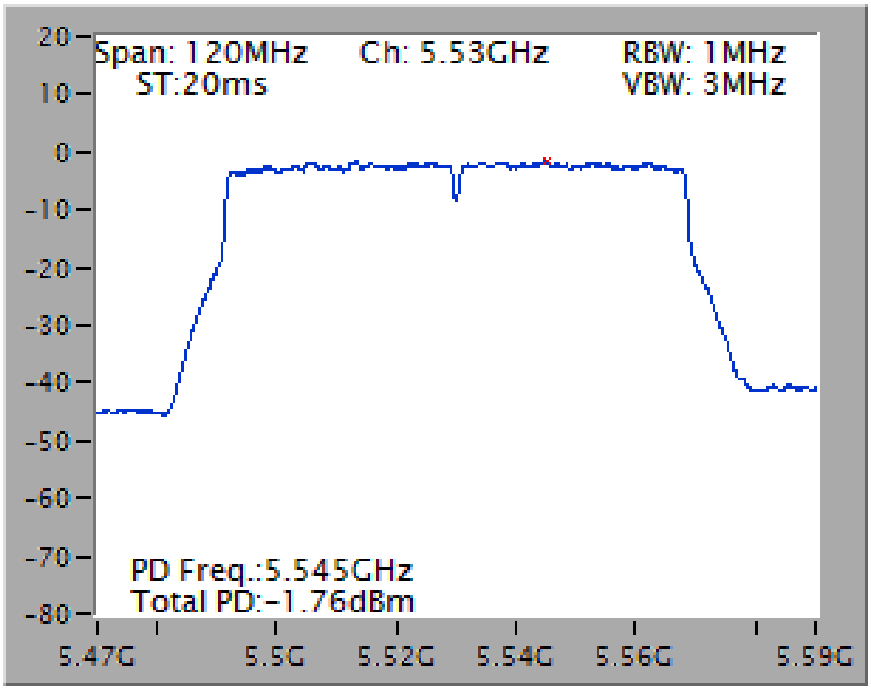


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

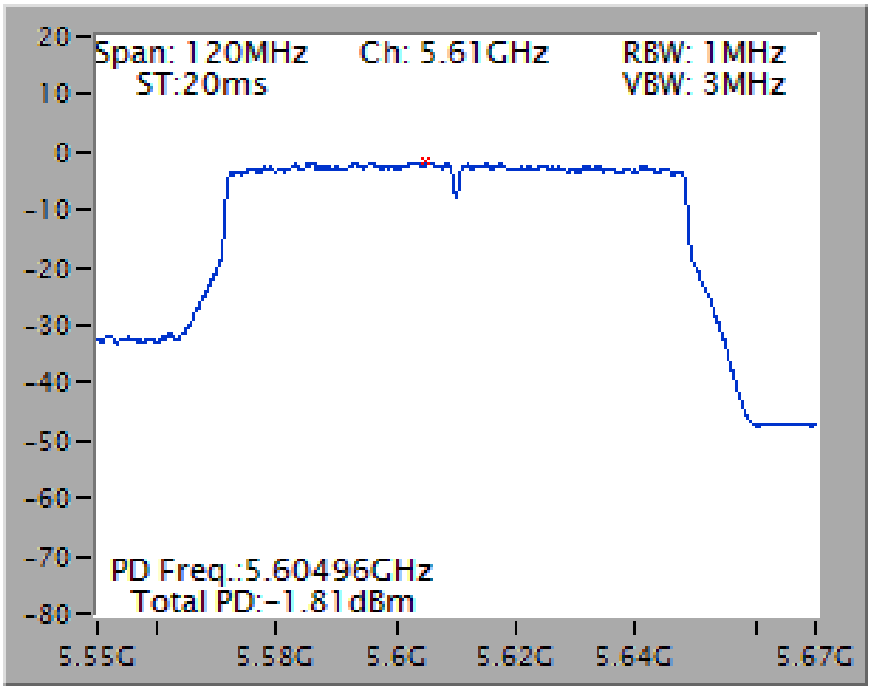


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

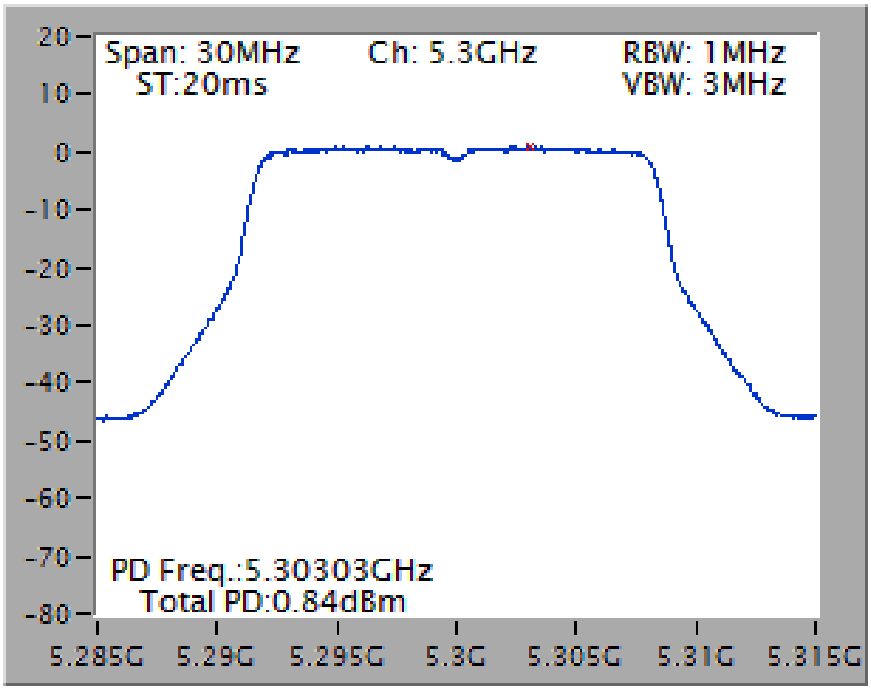


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

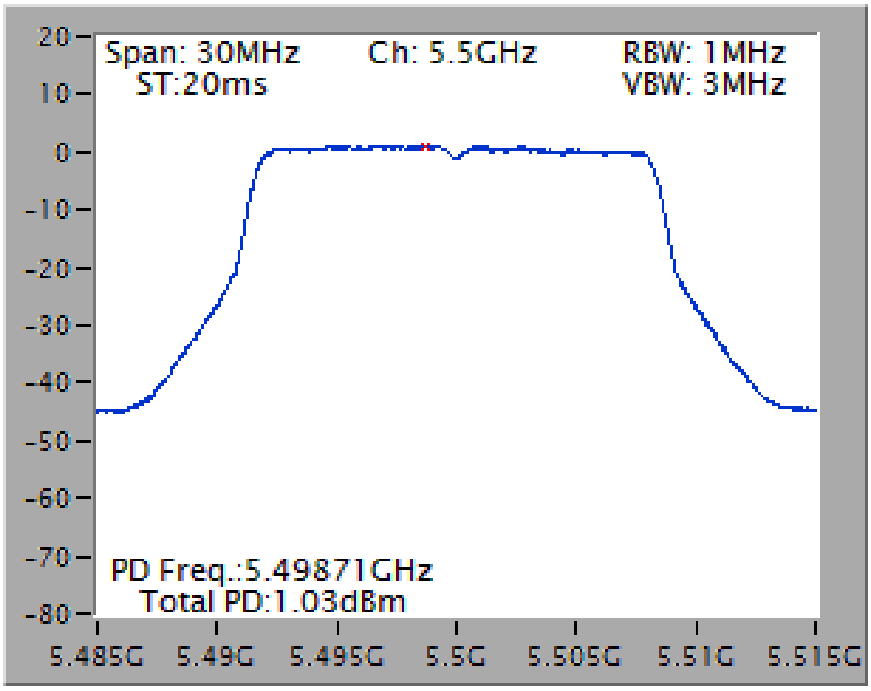


For Mode 4:

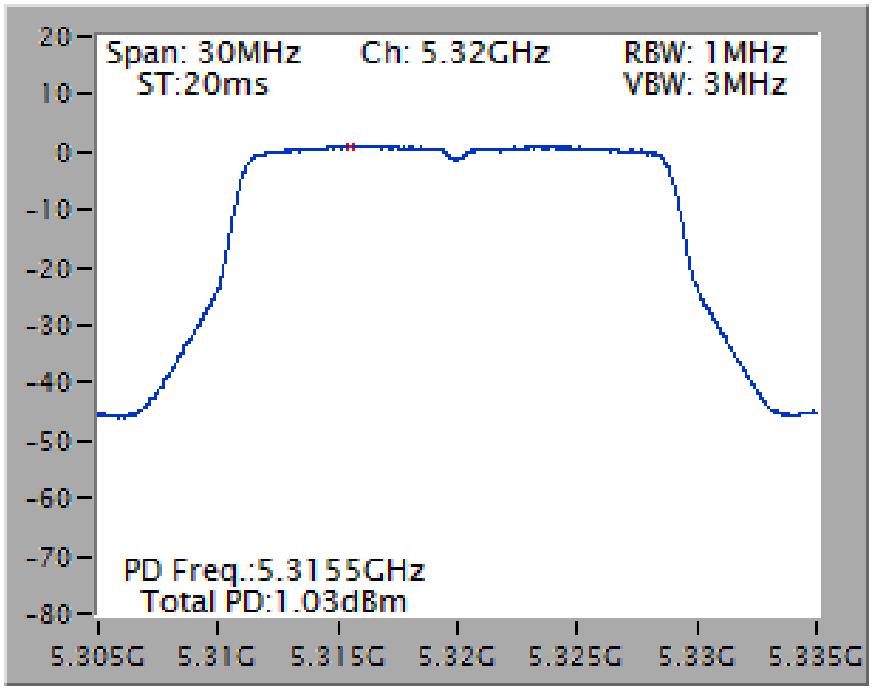
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



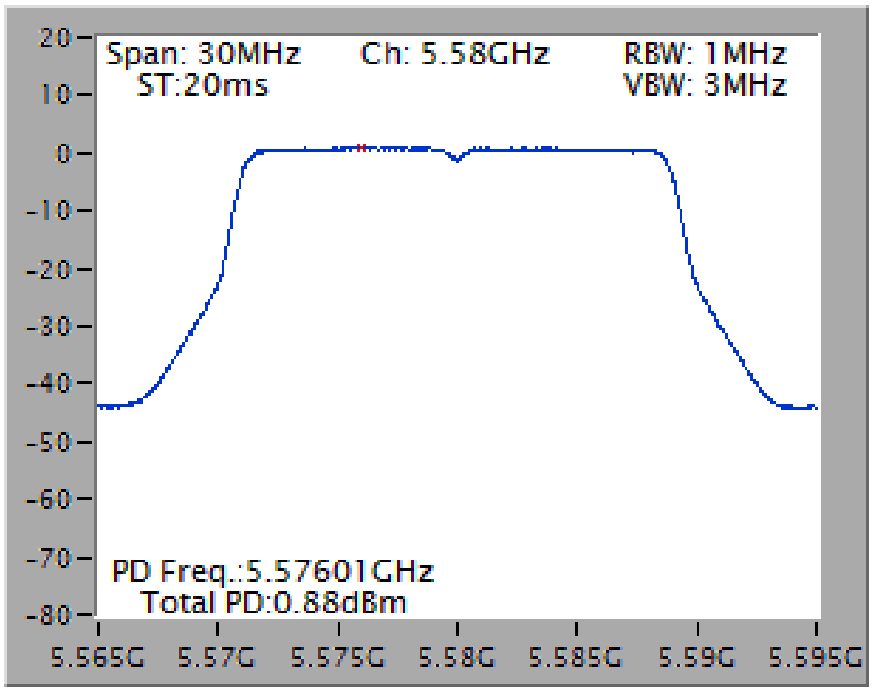
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



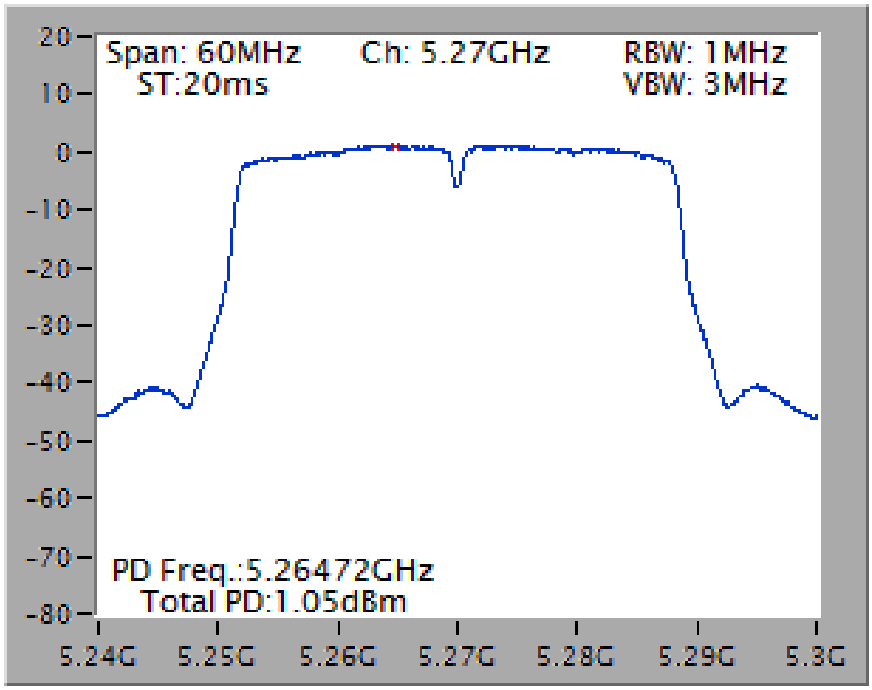
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



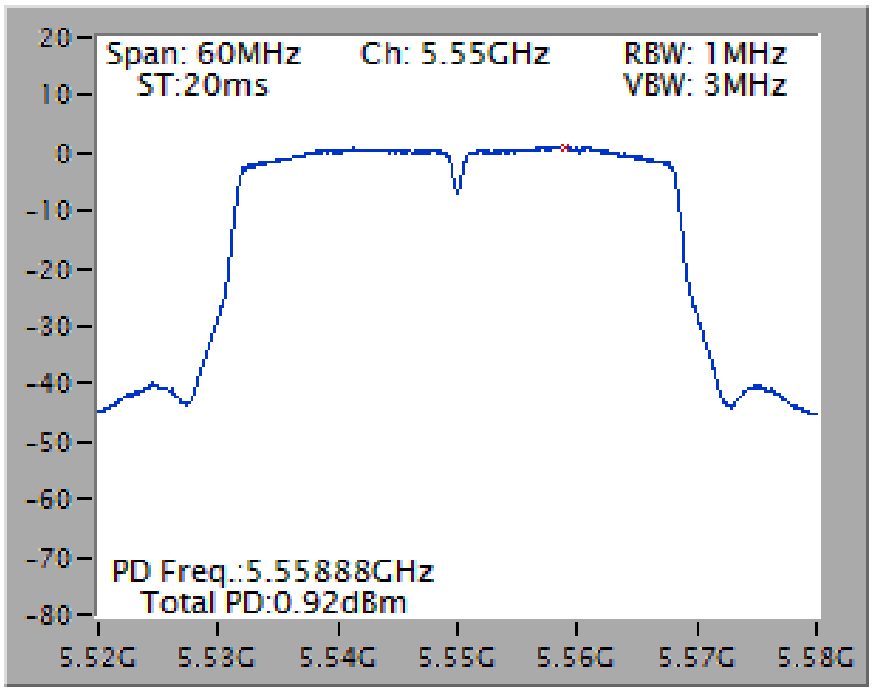
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



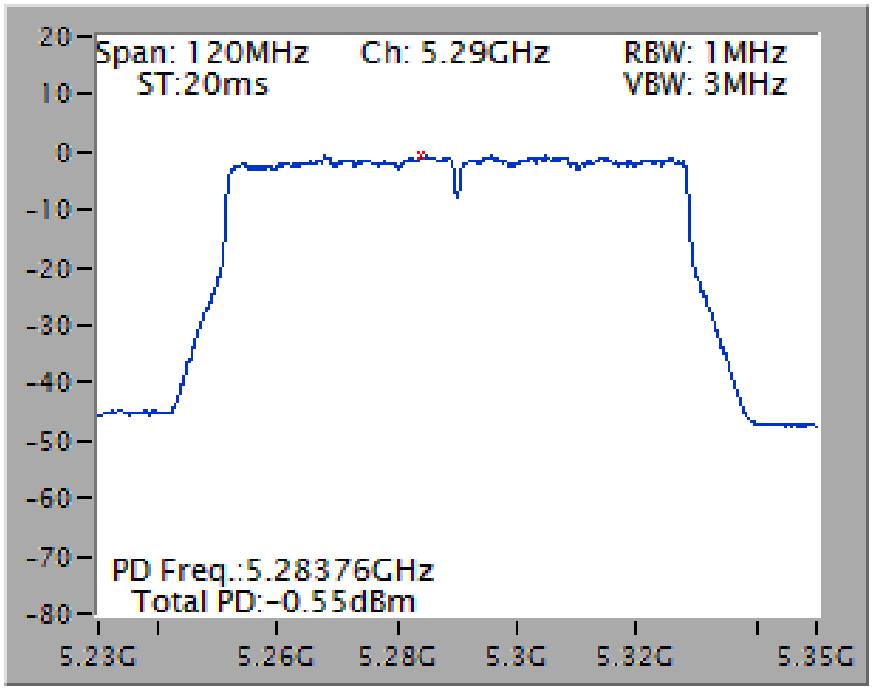
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



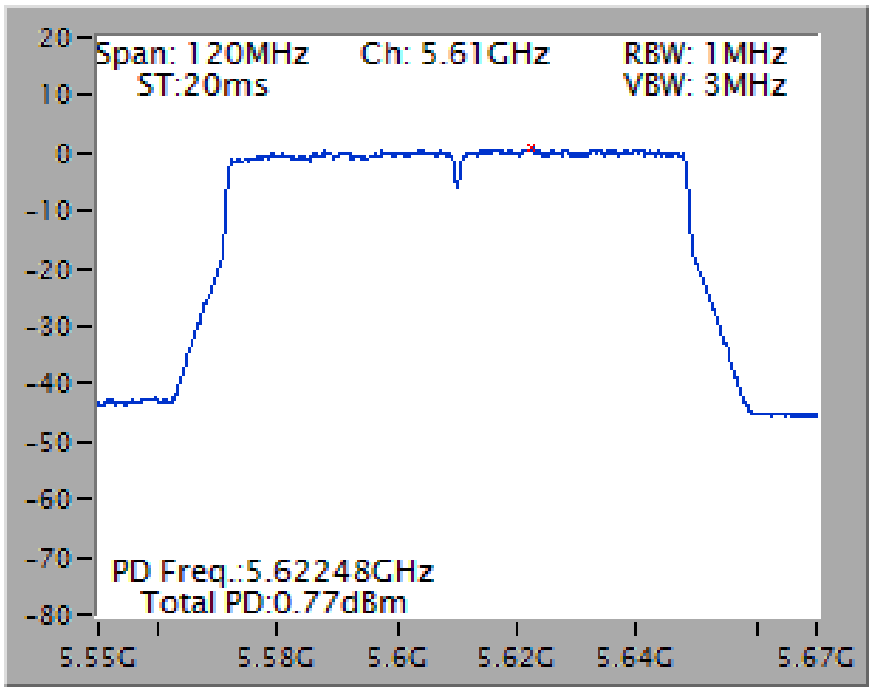
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



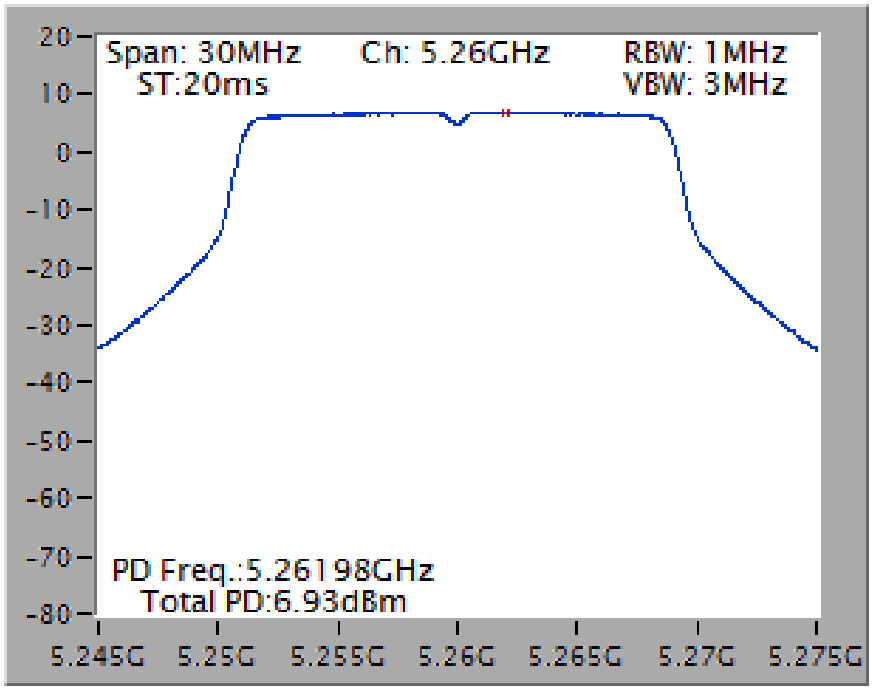
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



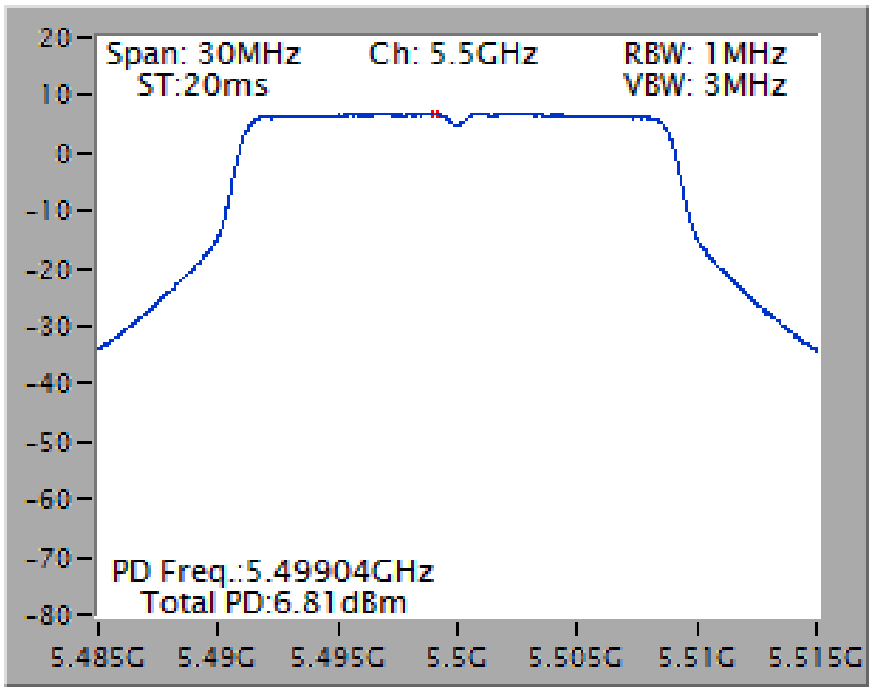
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



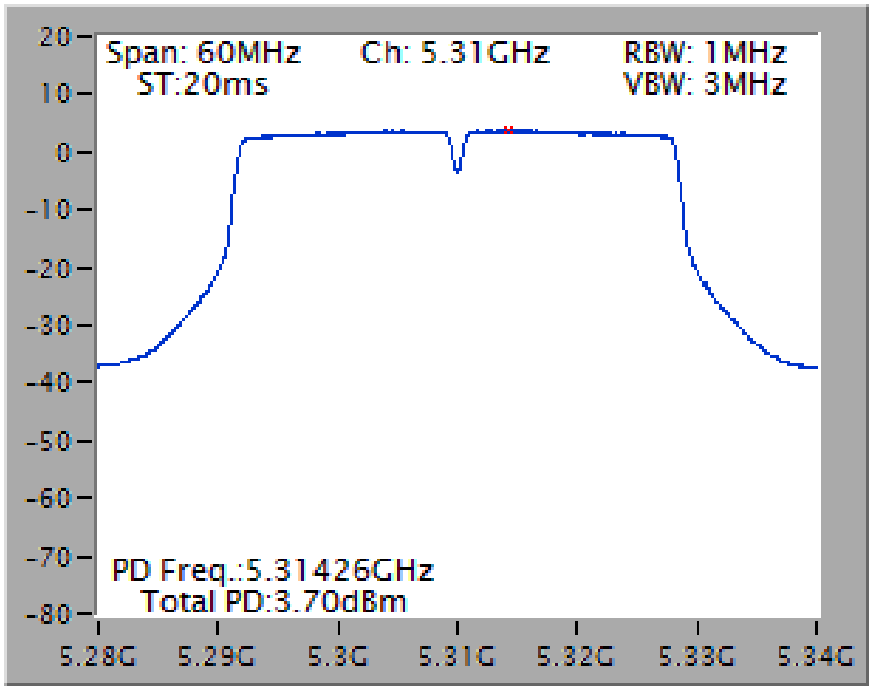
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



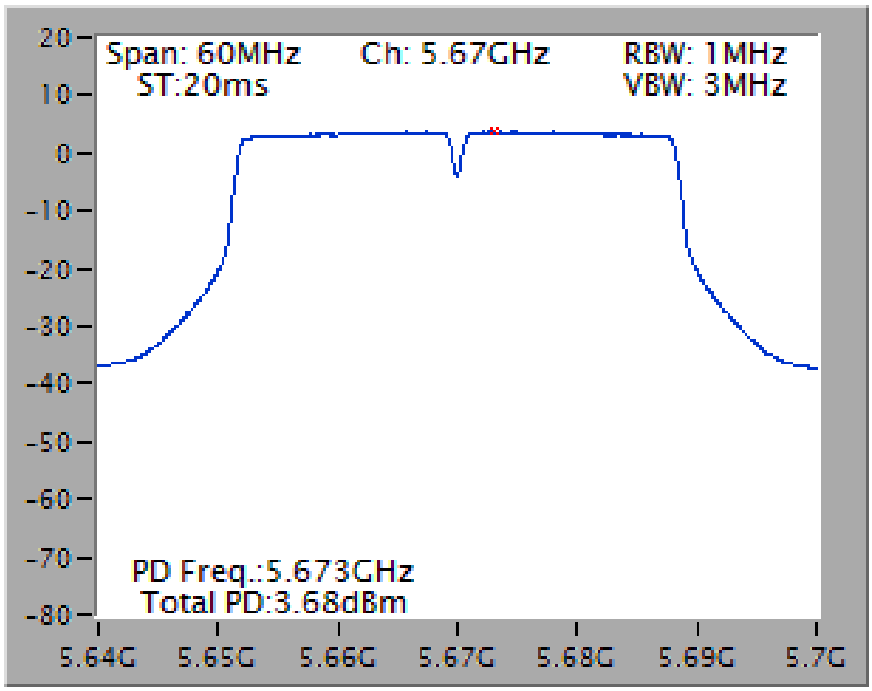
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



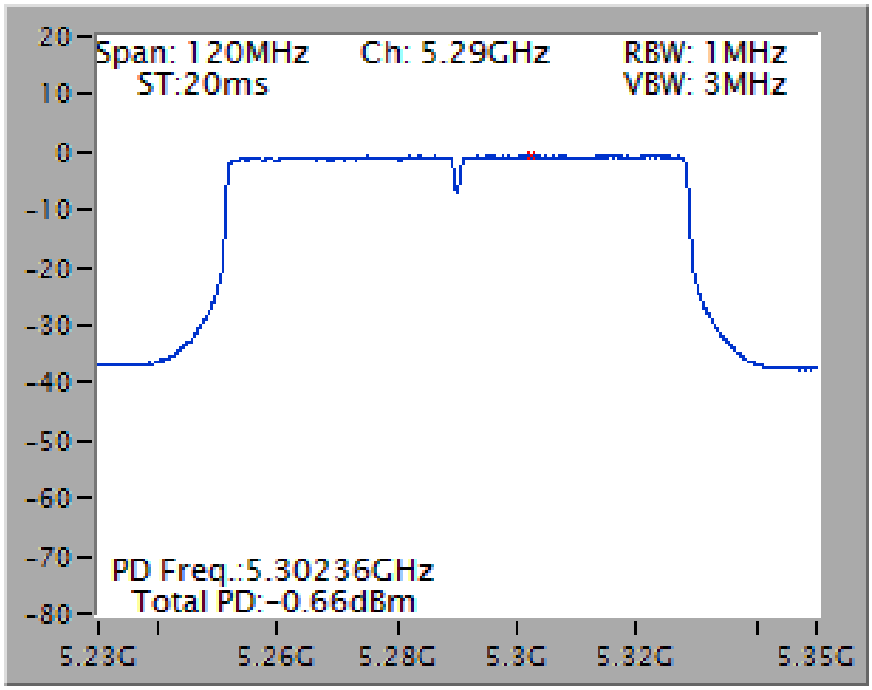
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



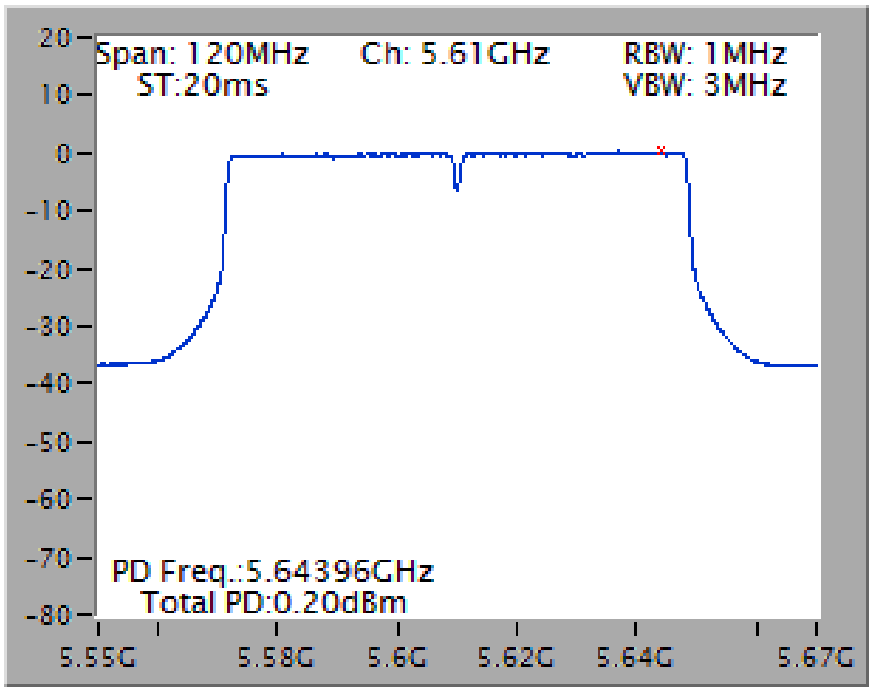
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5670 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

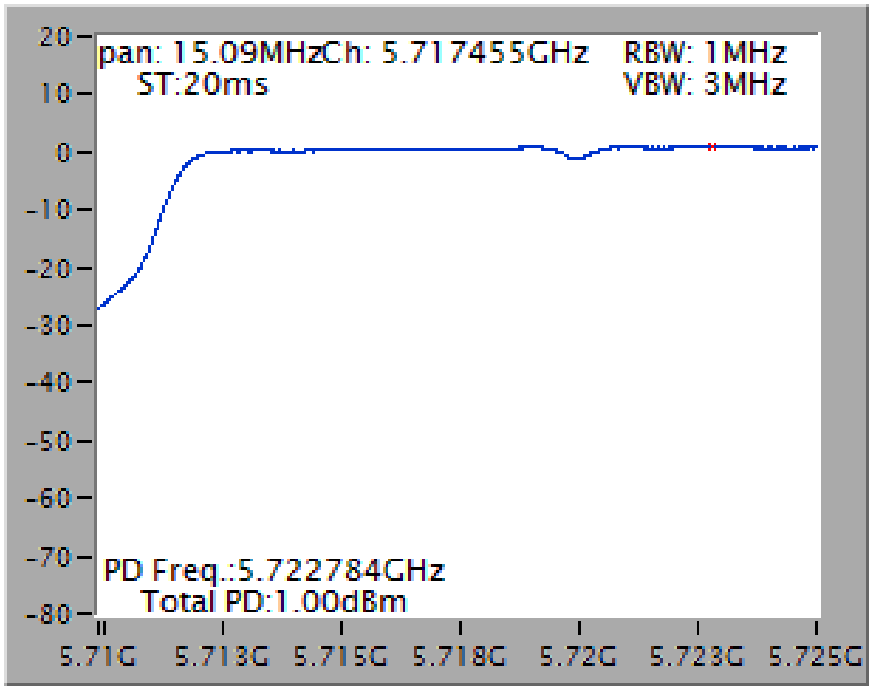


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

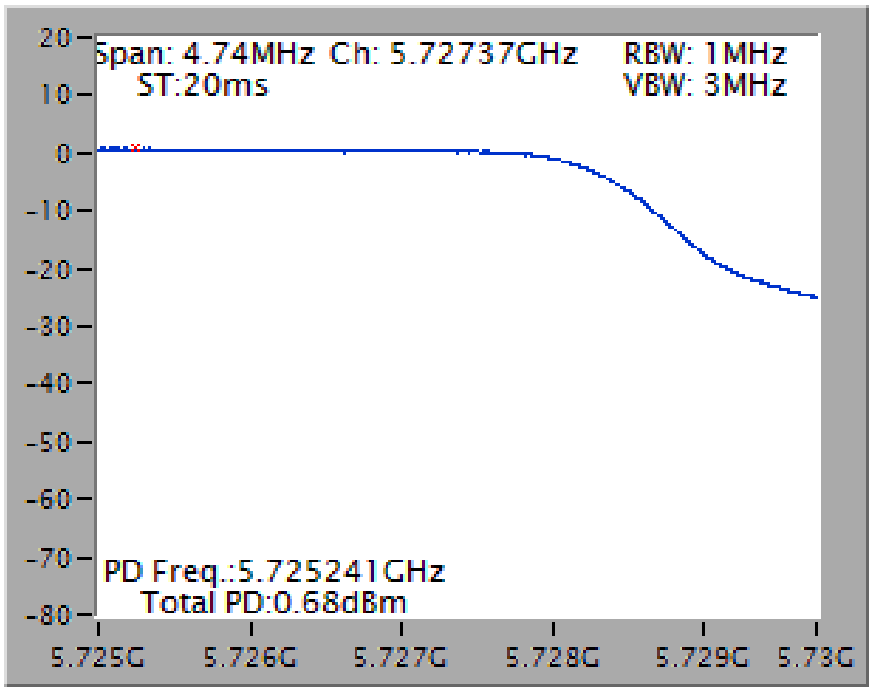


Straddle Channel

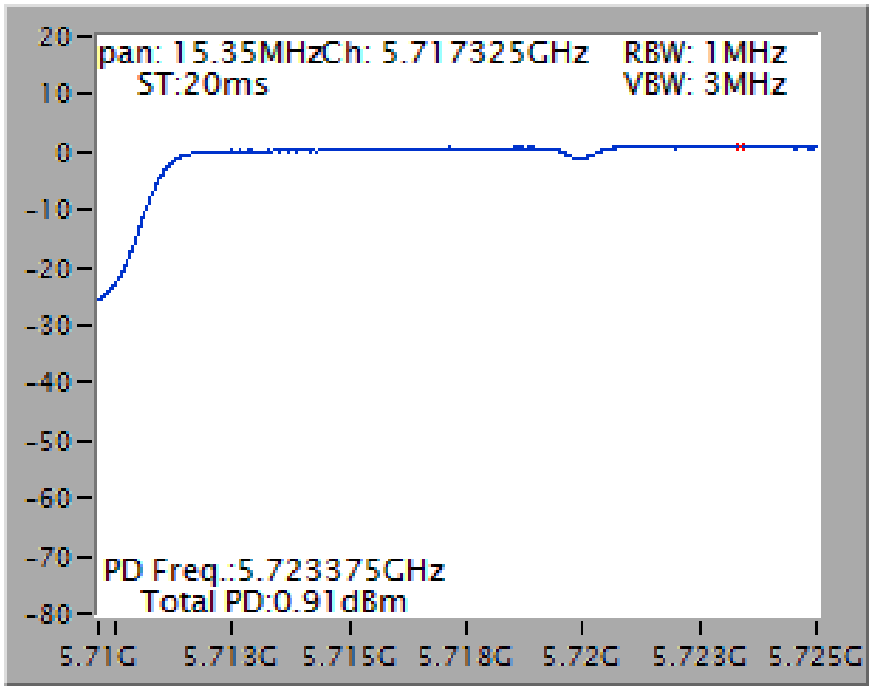
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



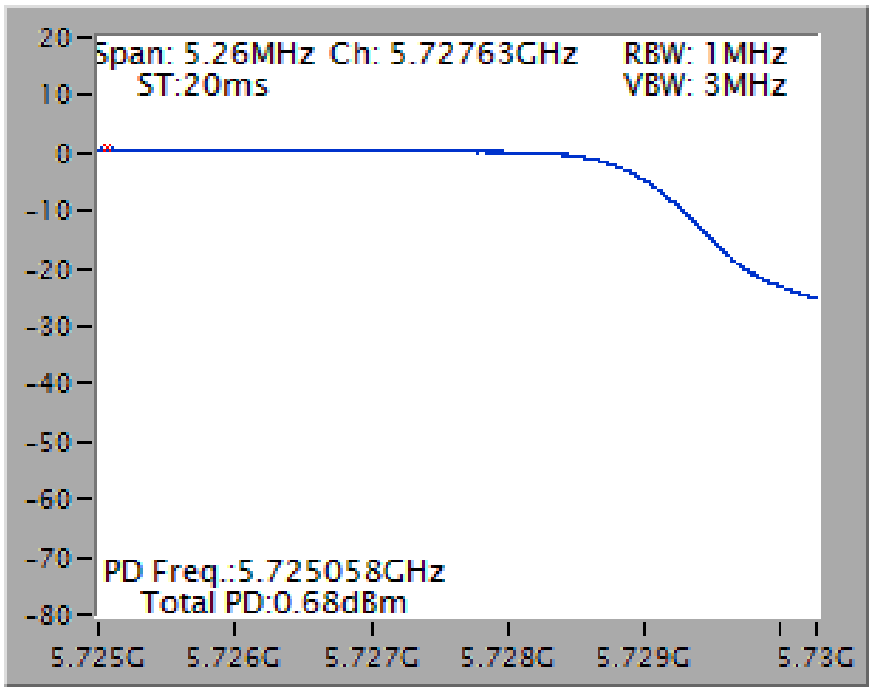
Power Density Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



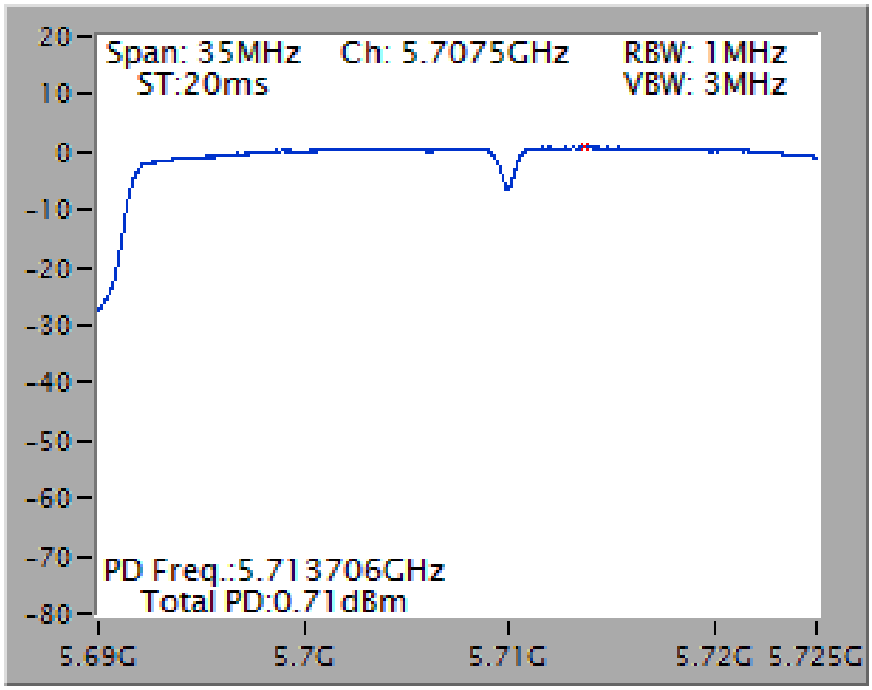
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



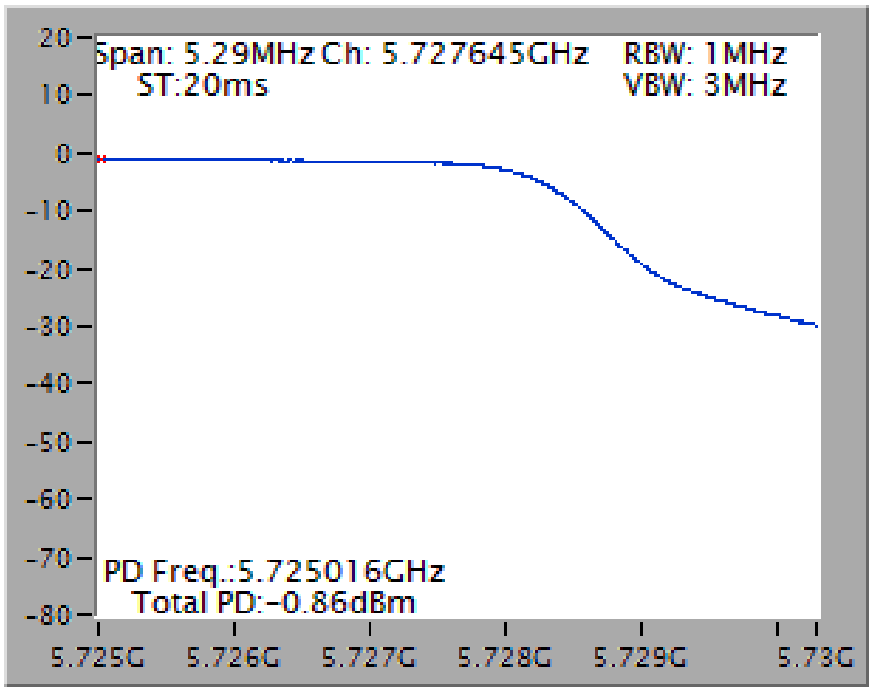
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



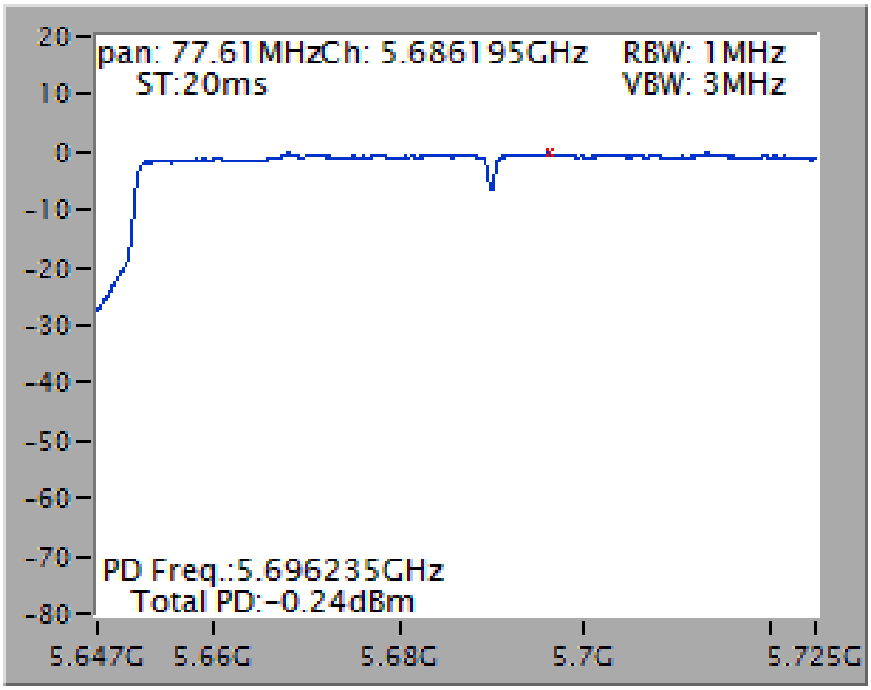
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



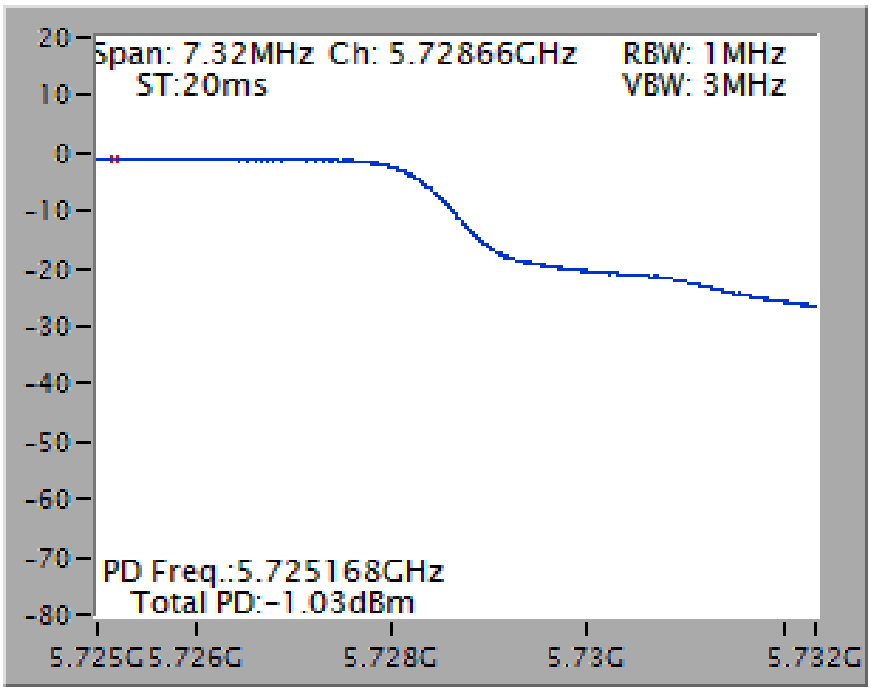
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



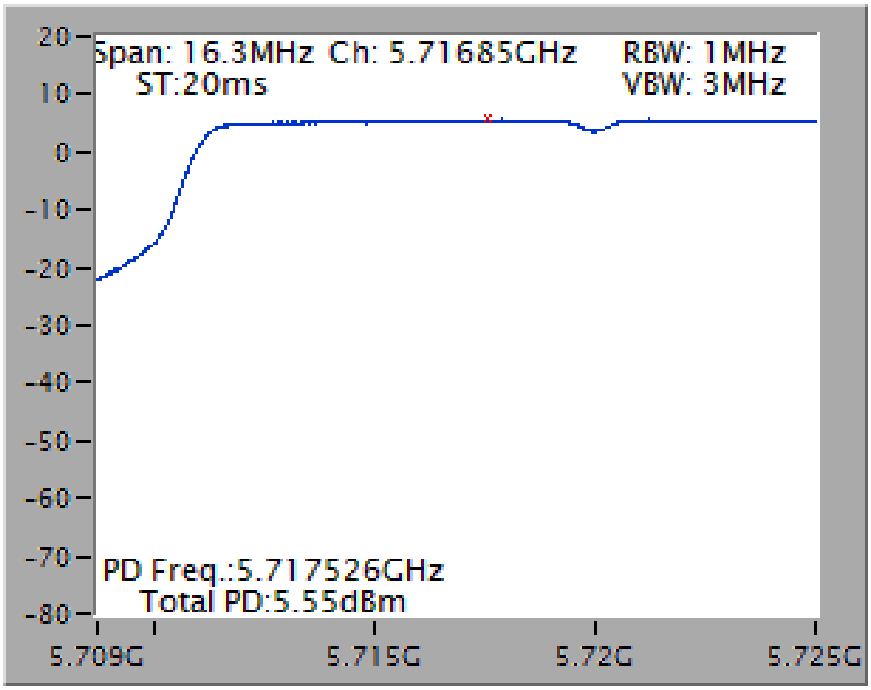
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



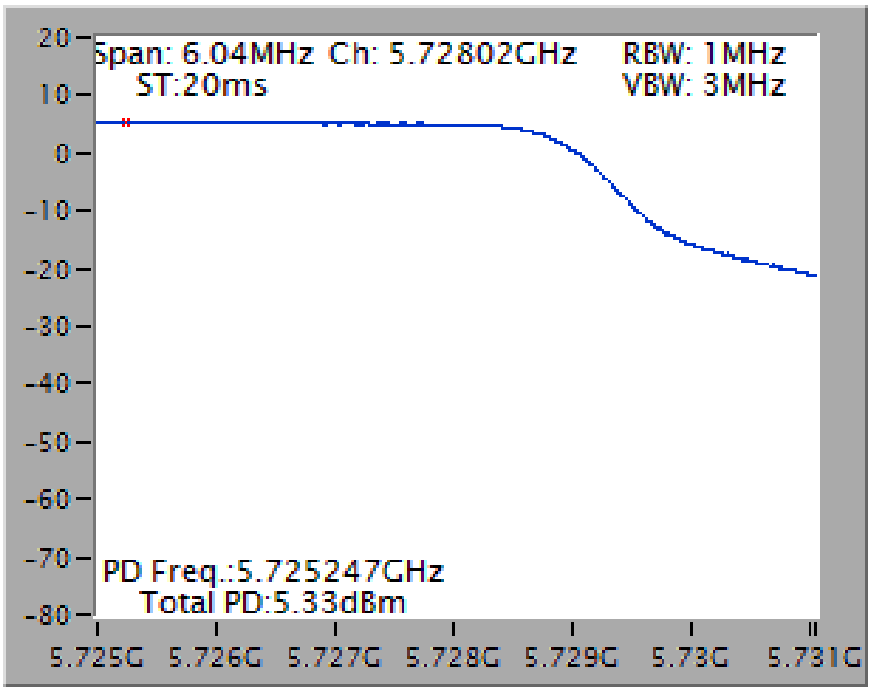
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



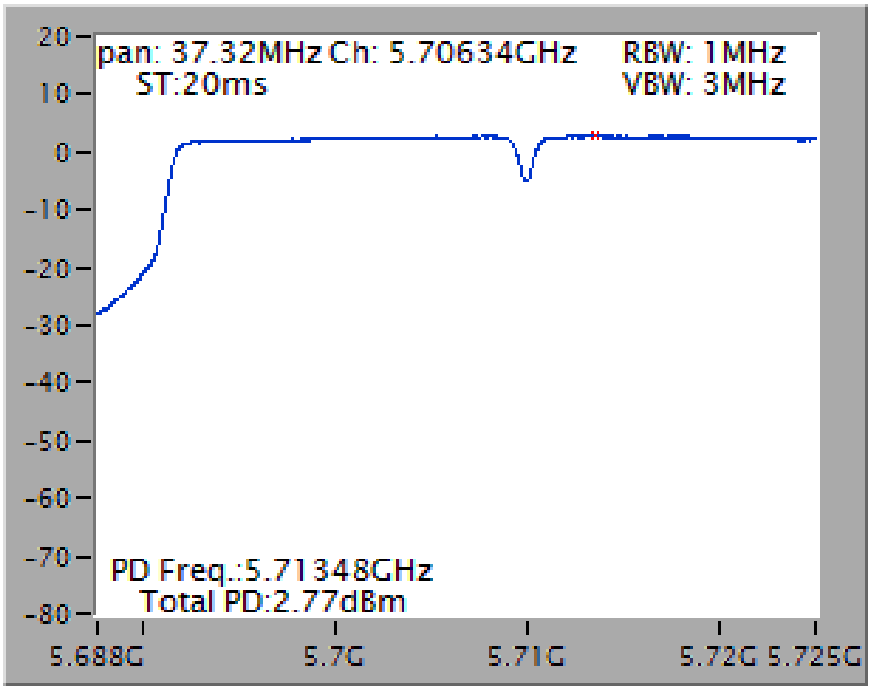
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



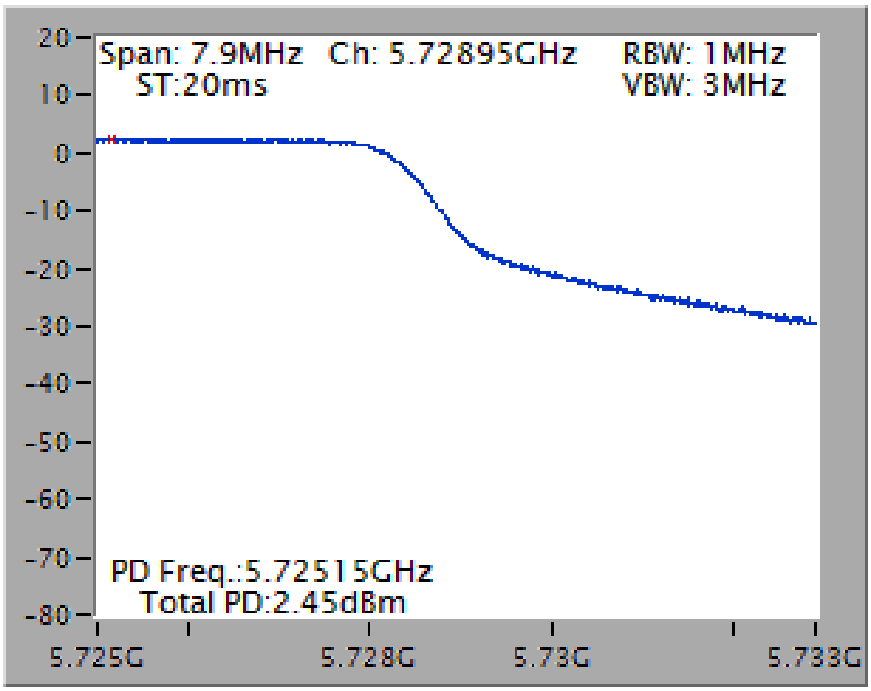
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



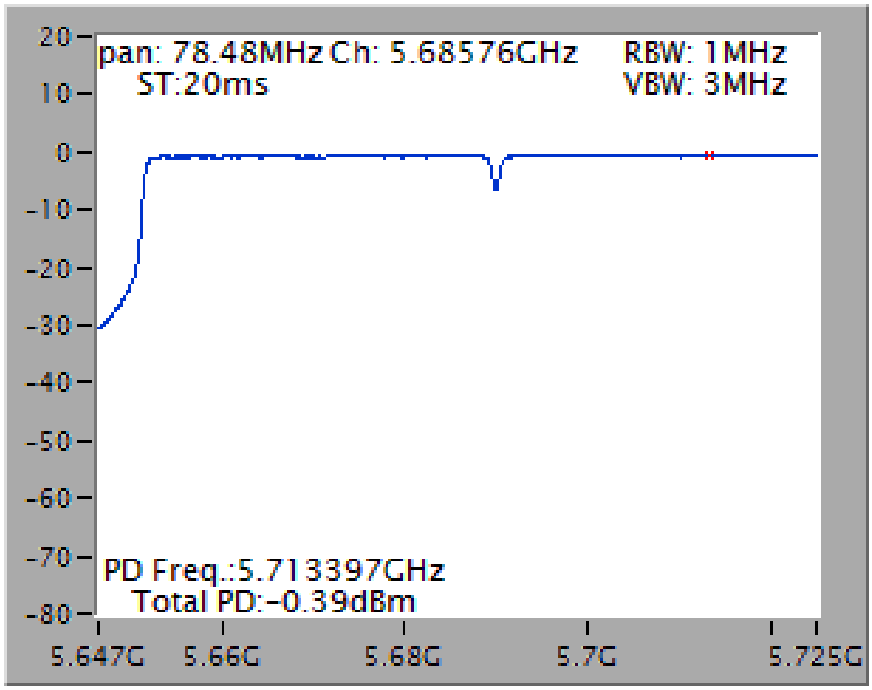
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



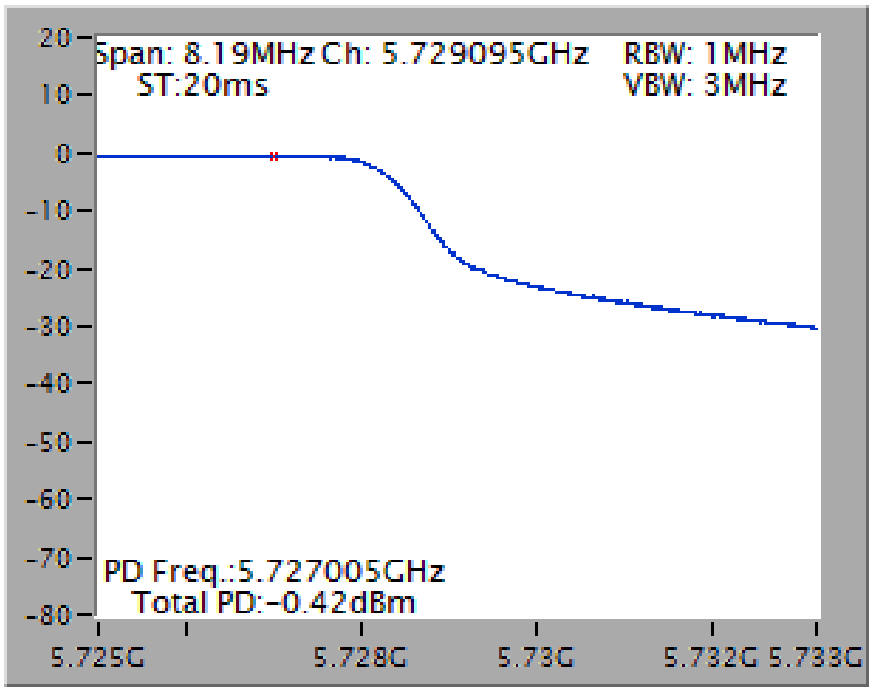
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss4 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

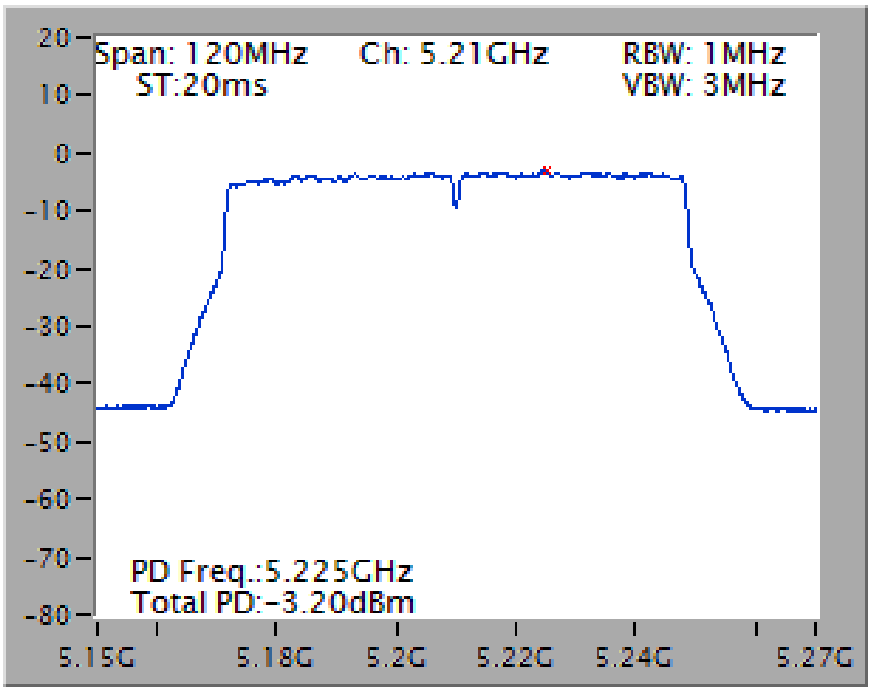


802.11ac MCS0/Nss2 VHT80+80

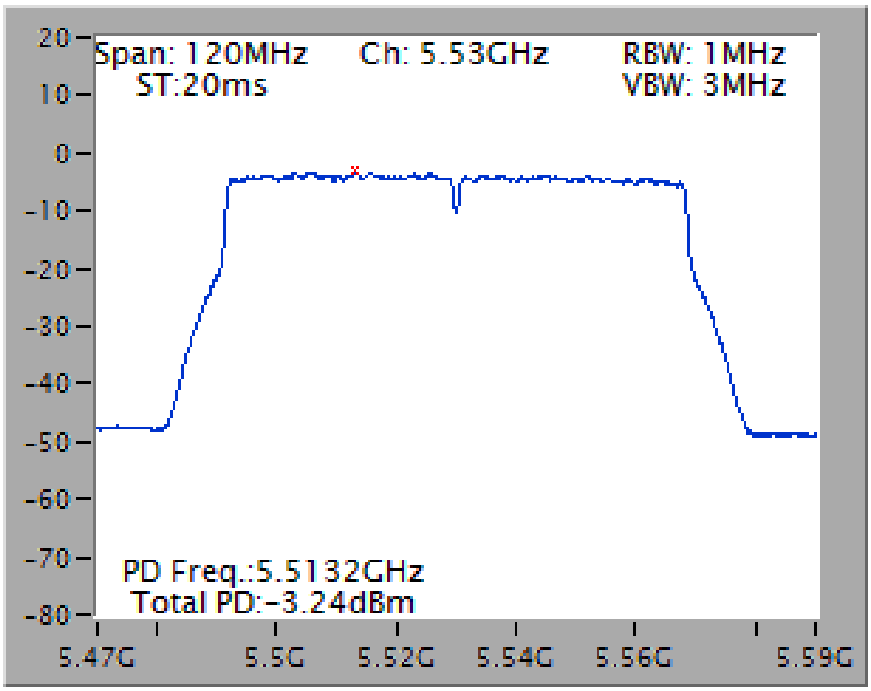
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

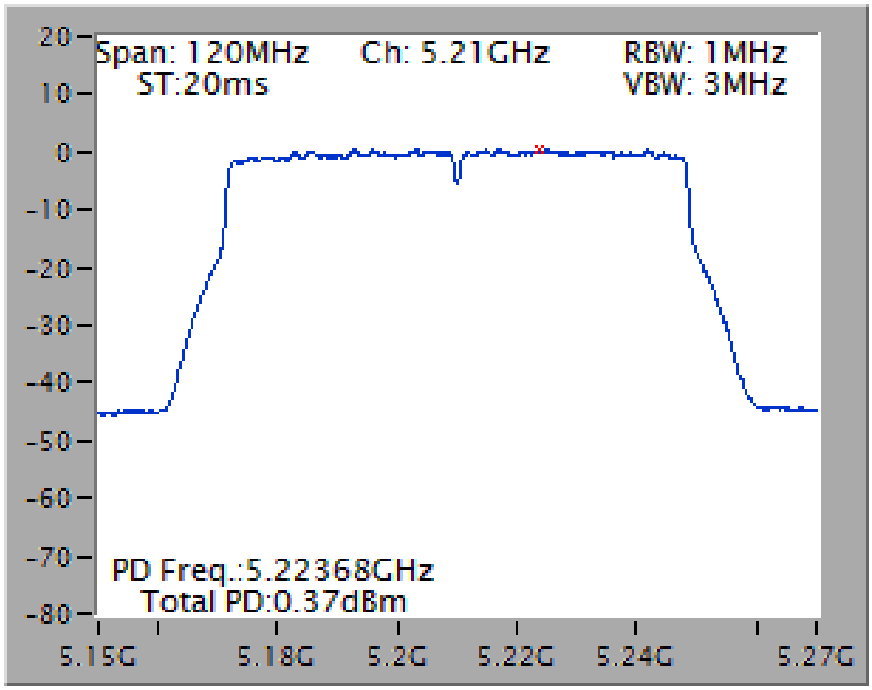


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

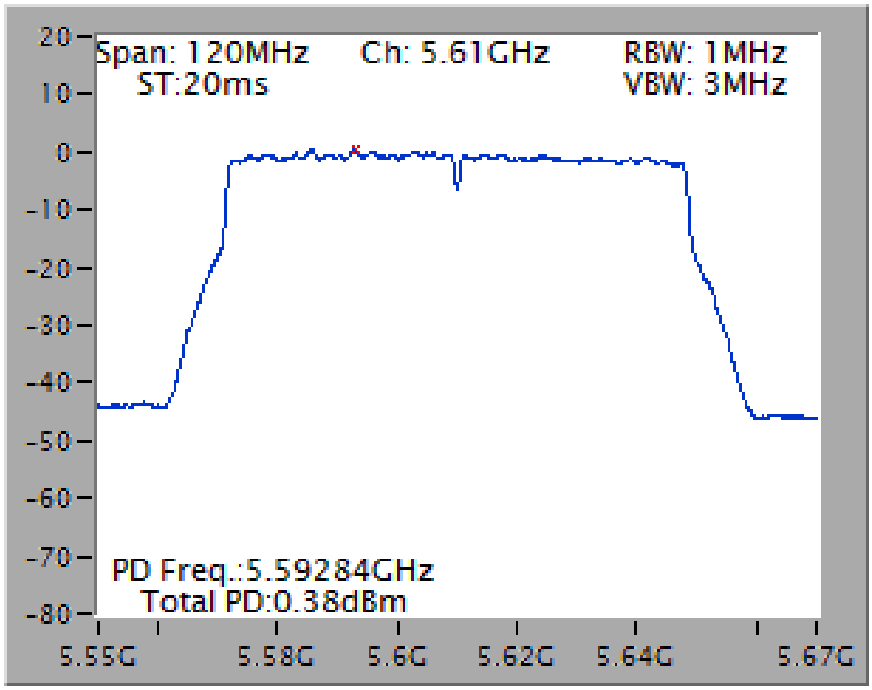


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

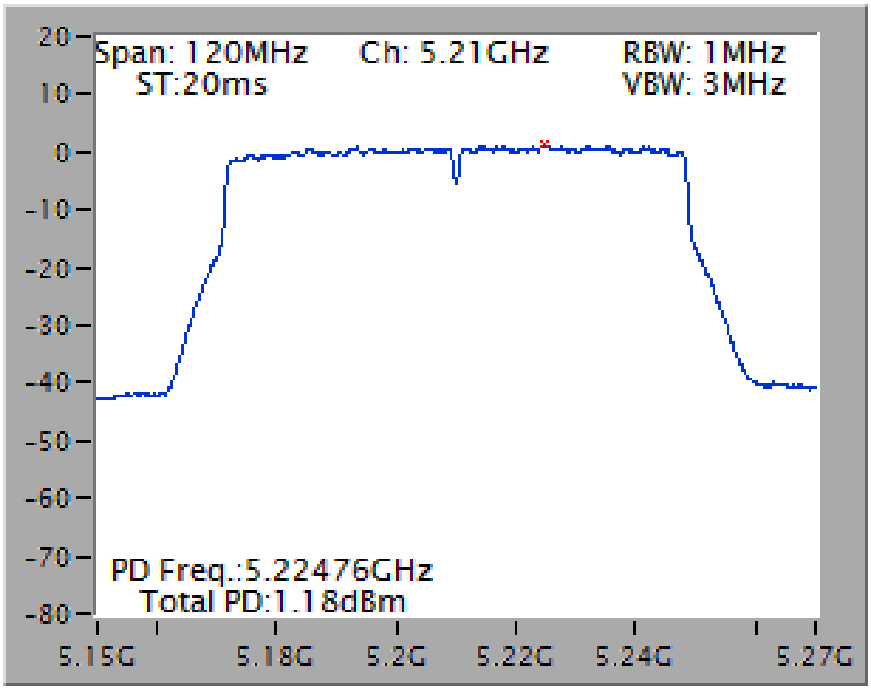


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

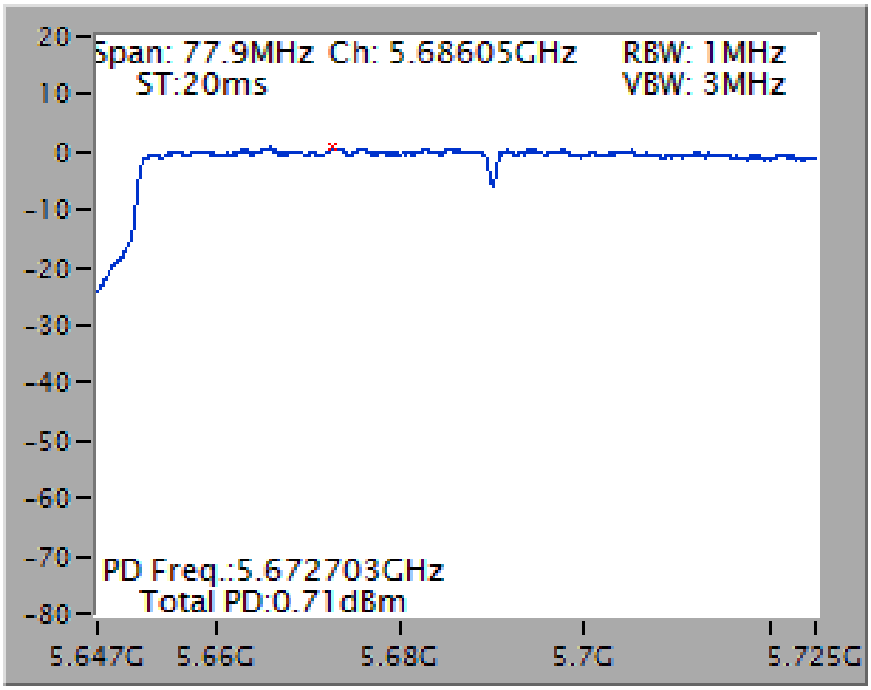


Type 3

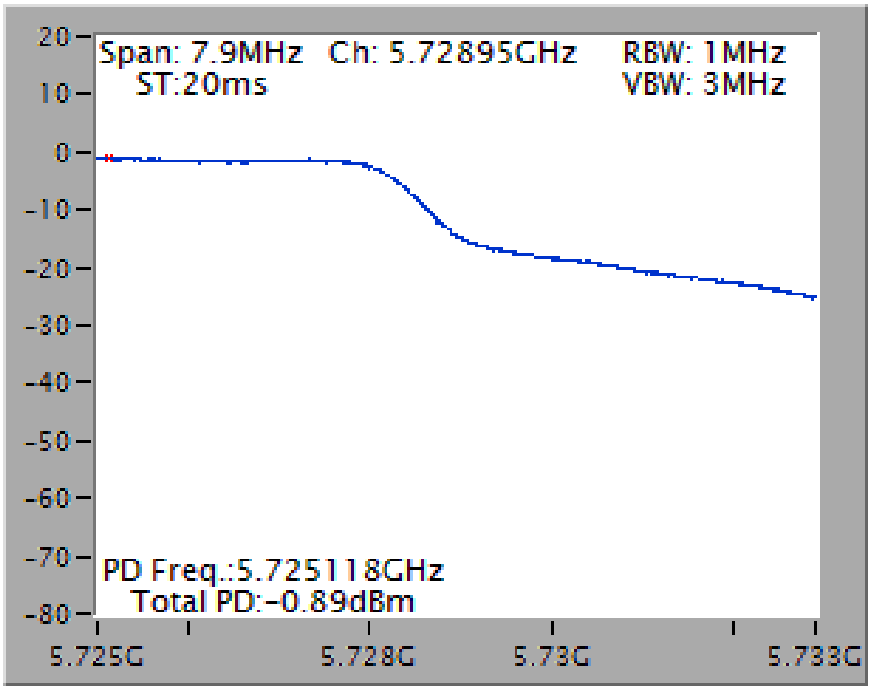
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

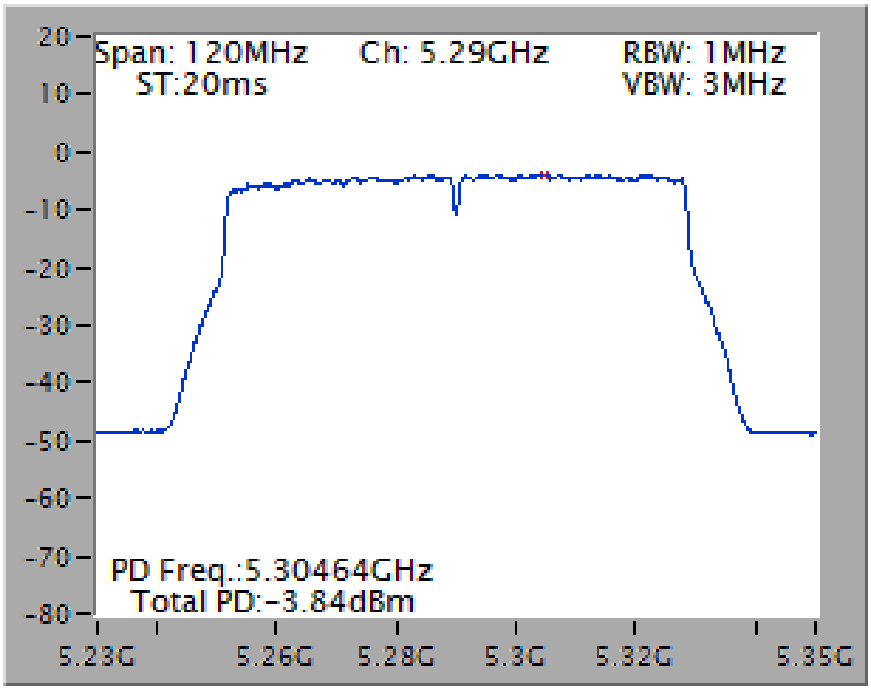


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

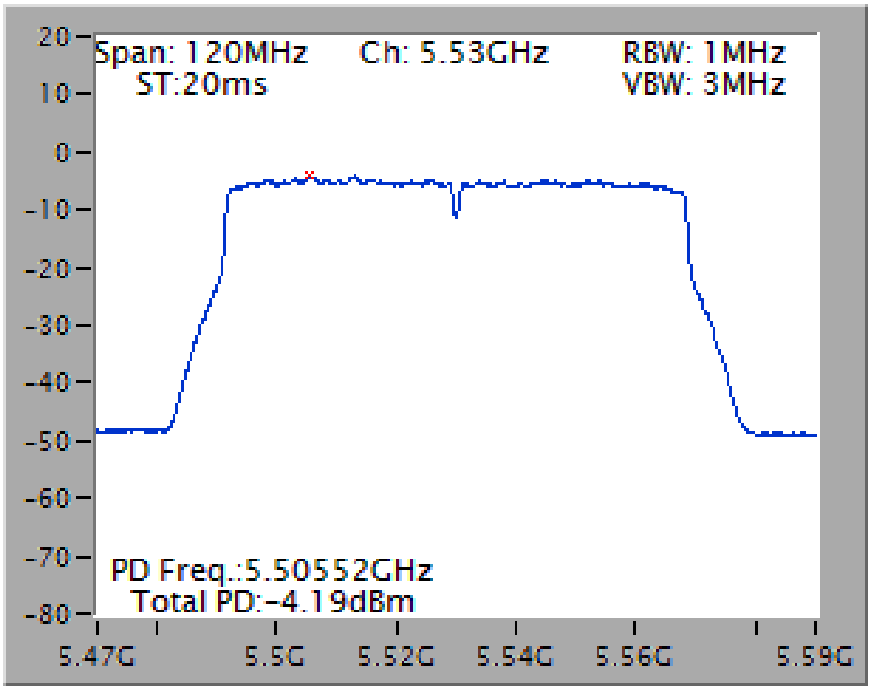


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

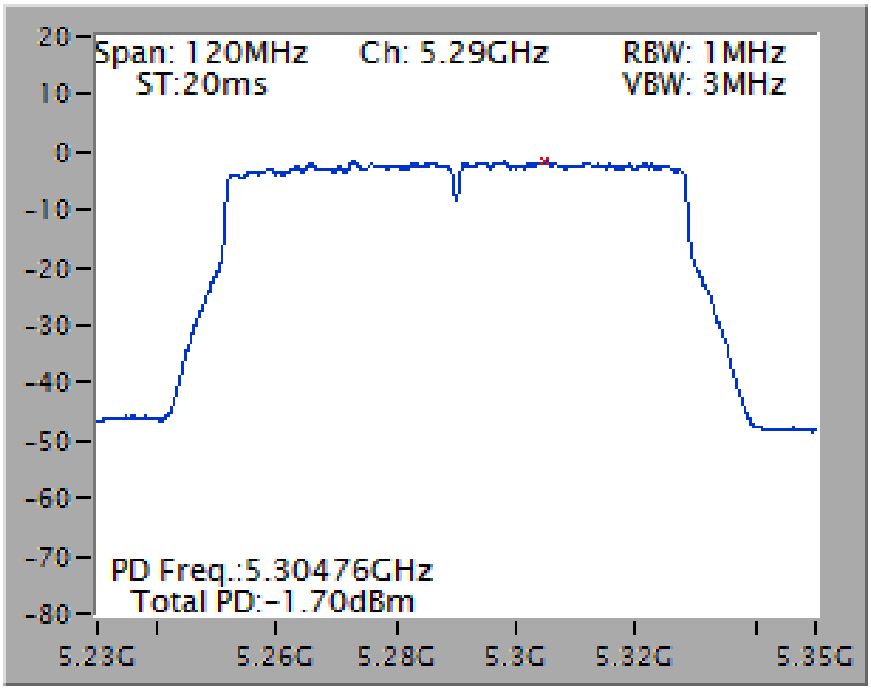


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

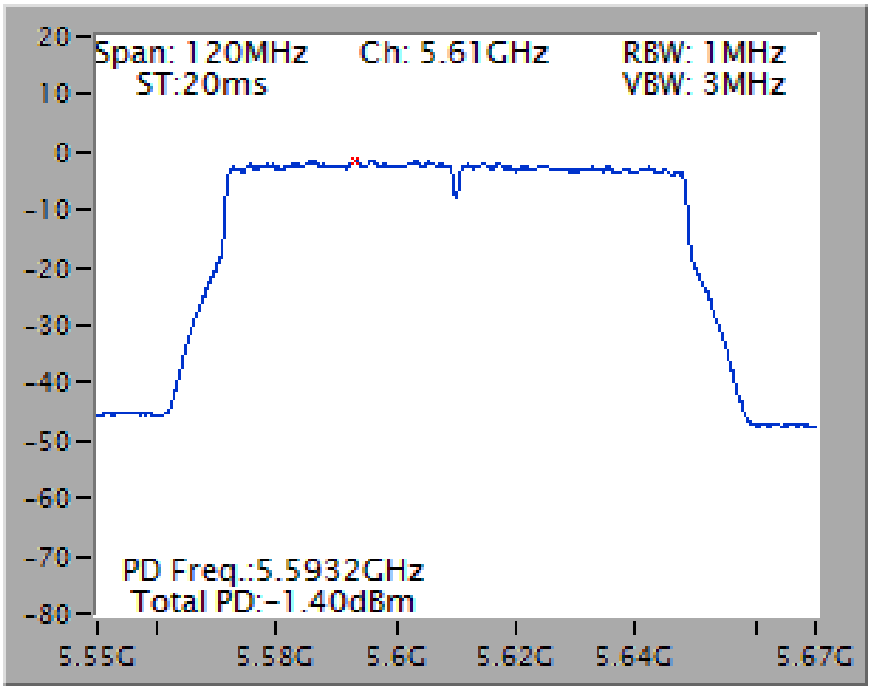


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

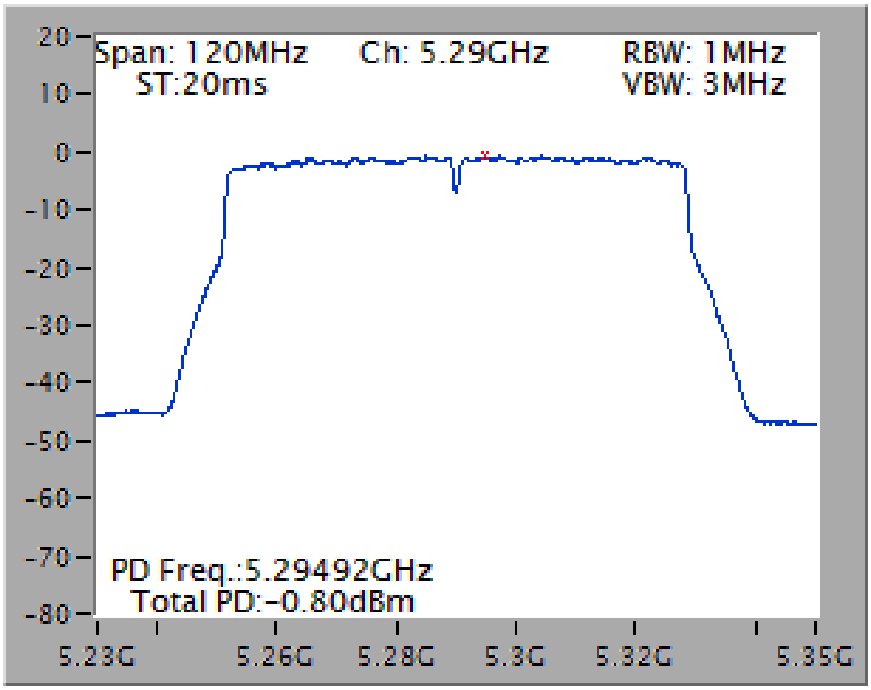


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

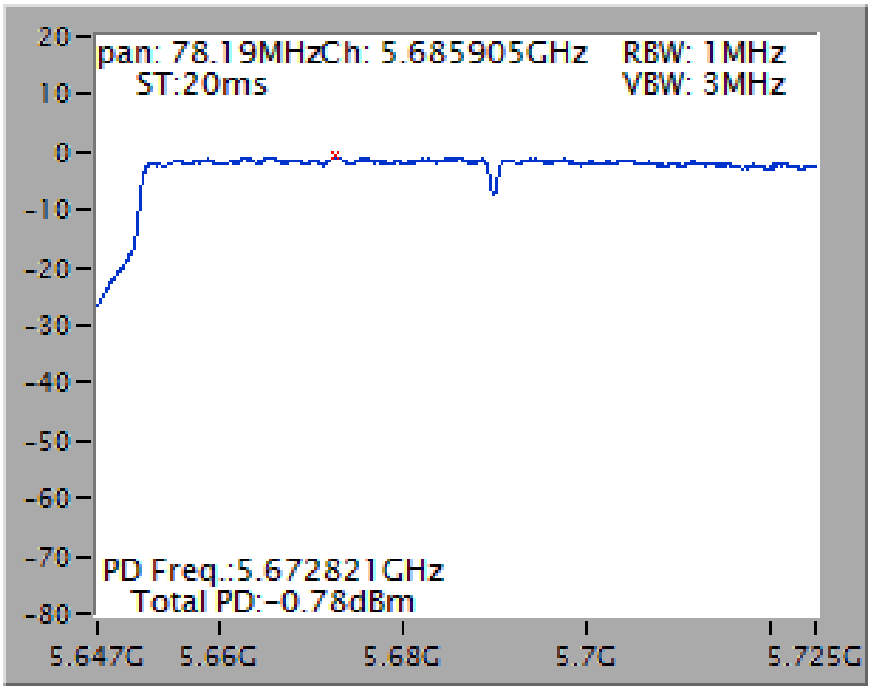


Type 6

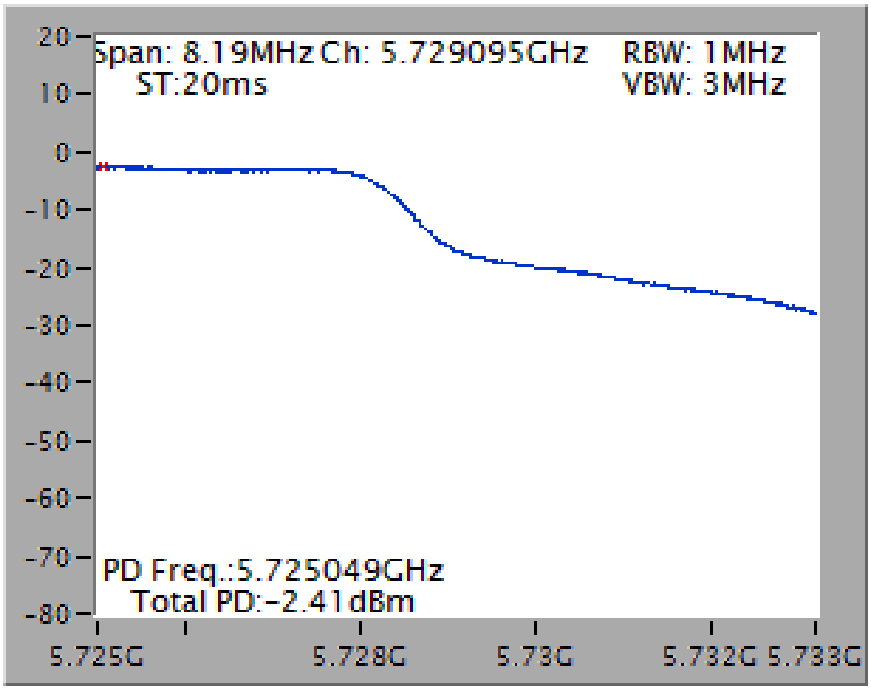
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

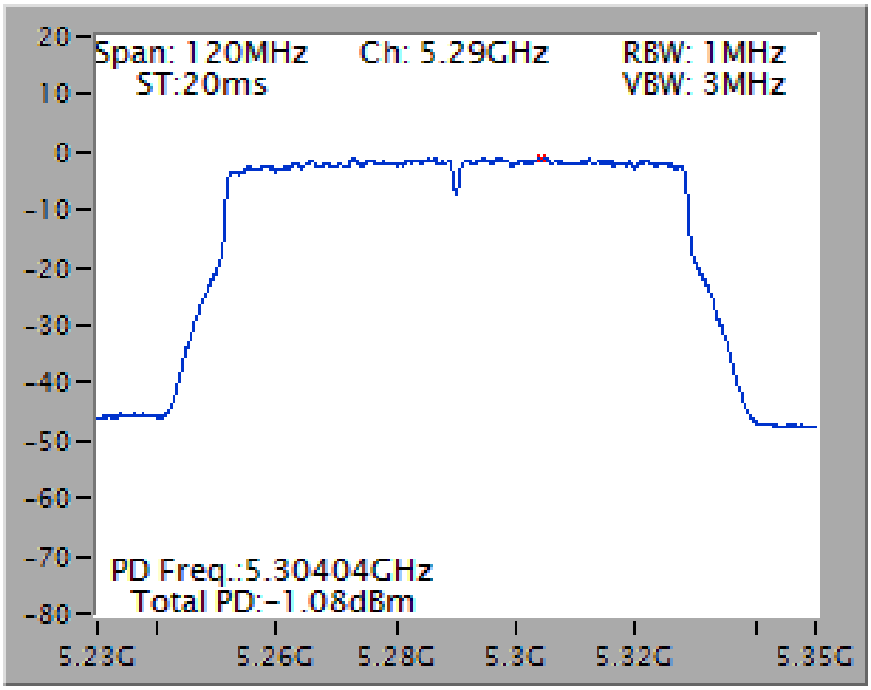


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

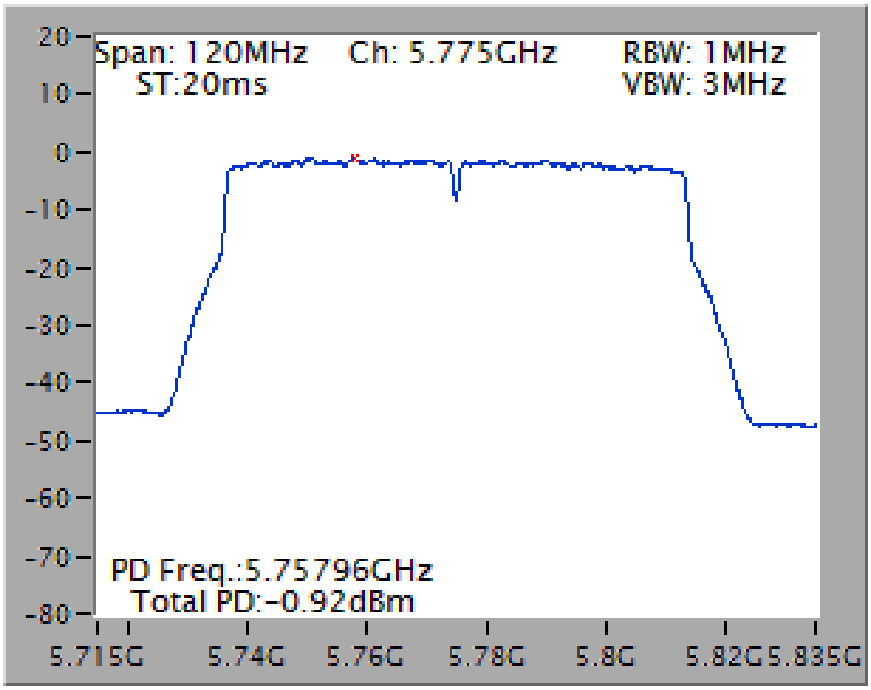


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

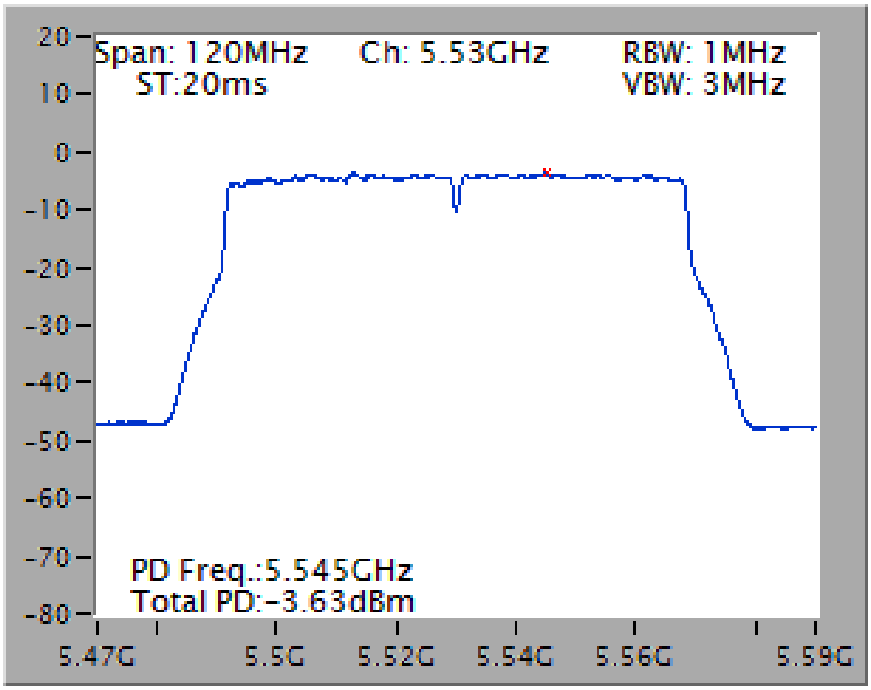


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

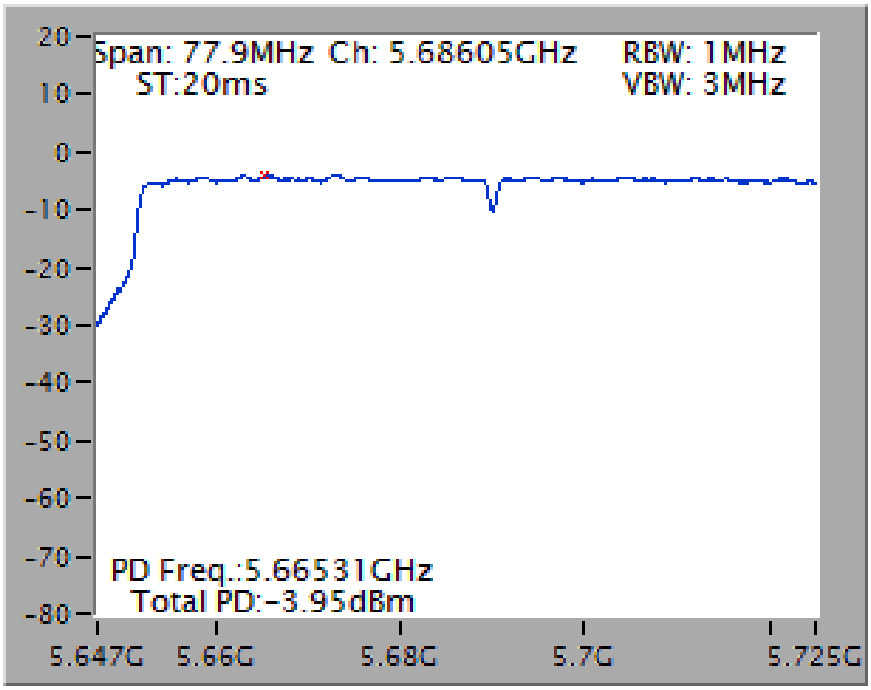


Type 8

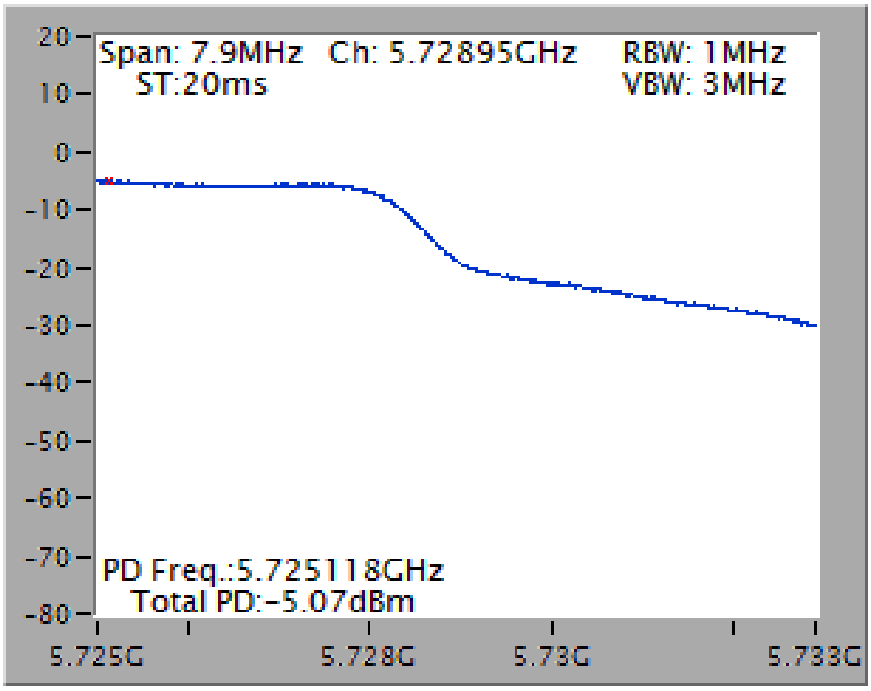
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

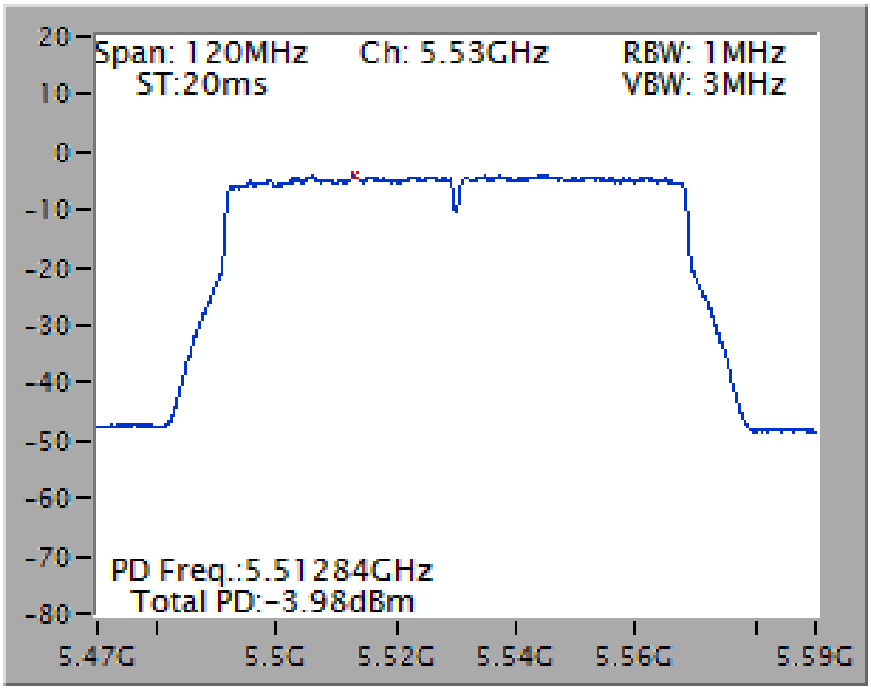


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

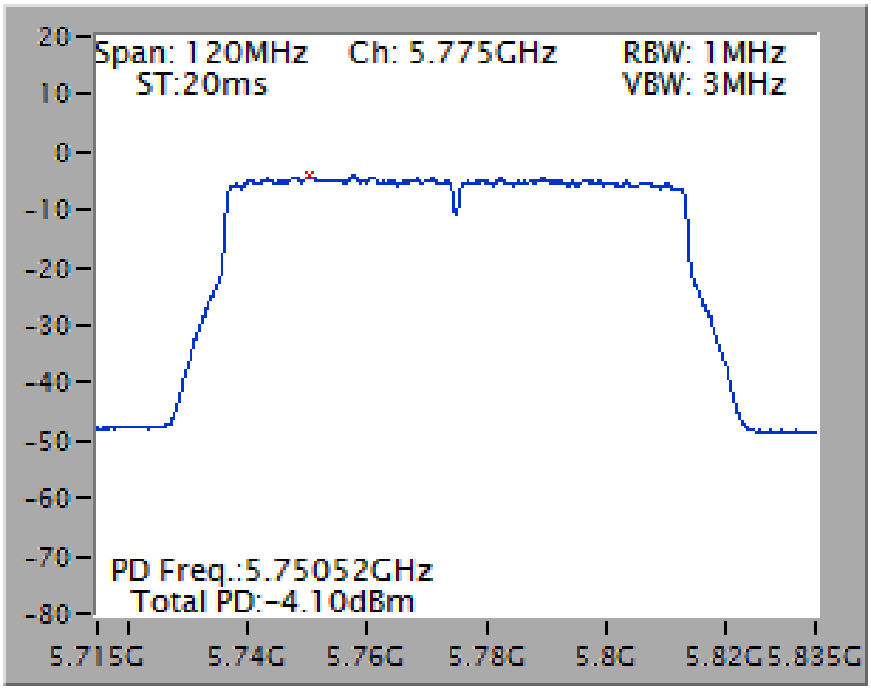


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

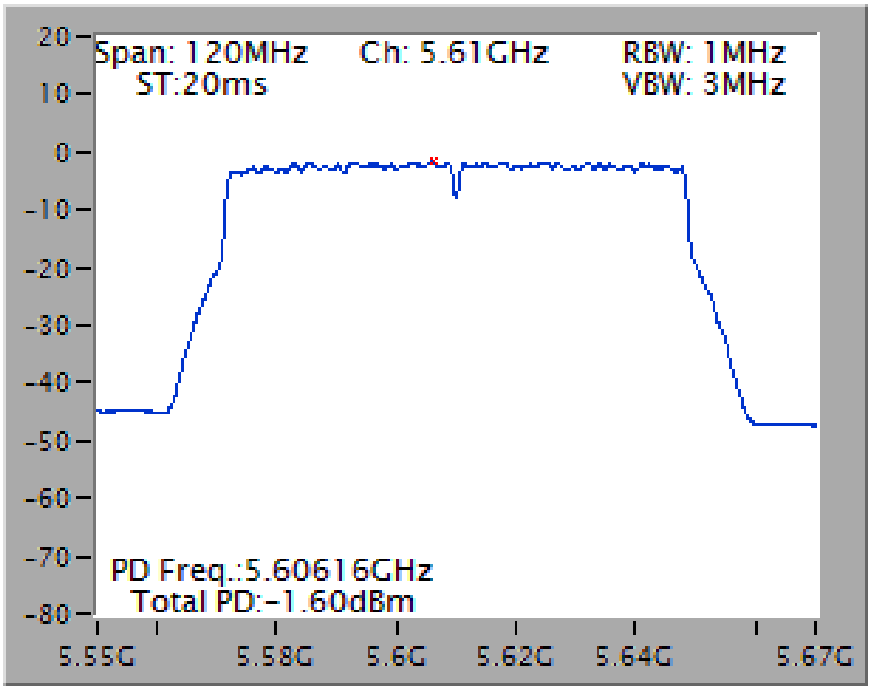


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

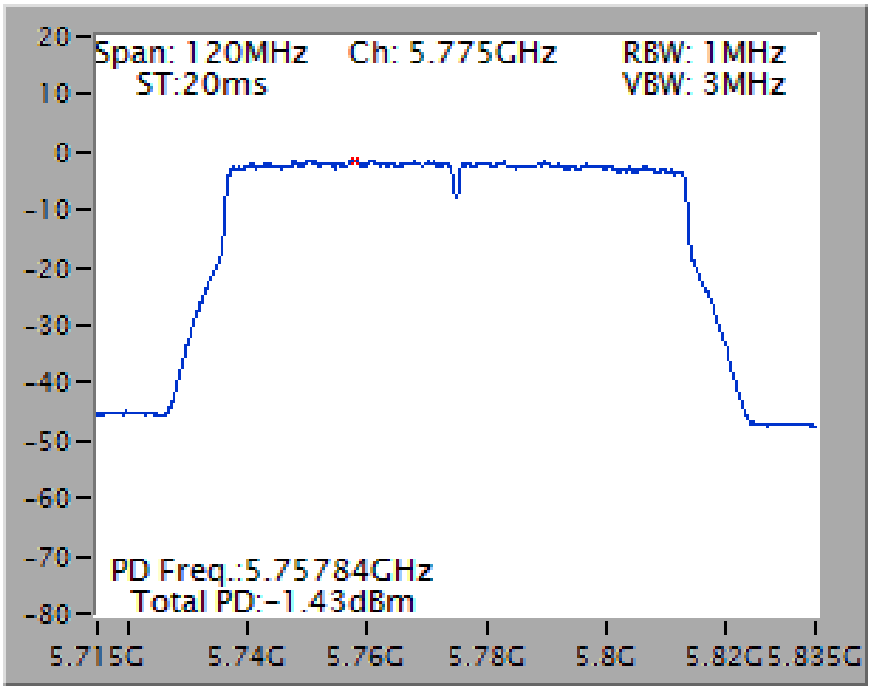


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

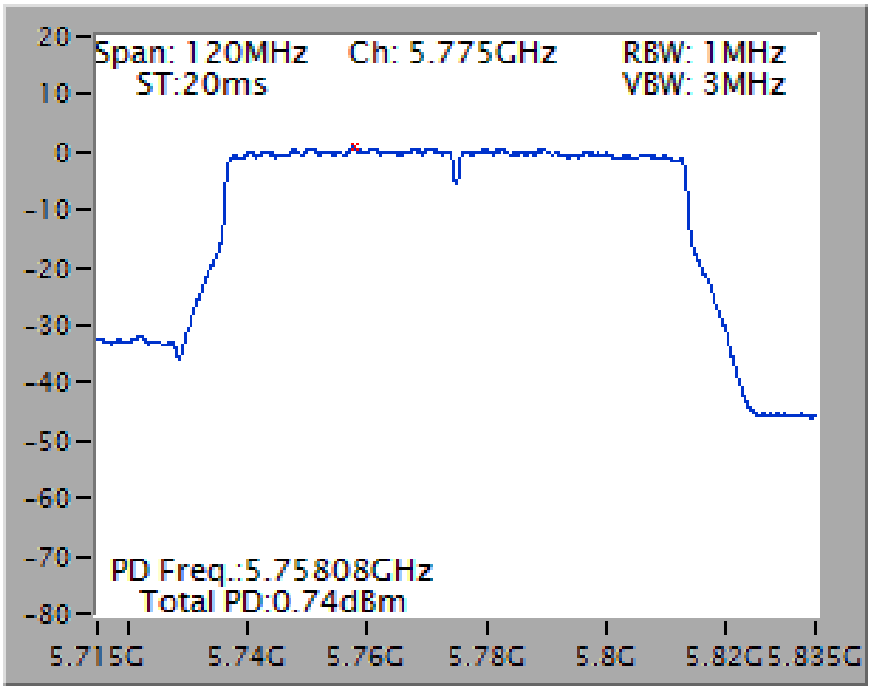


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

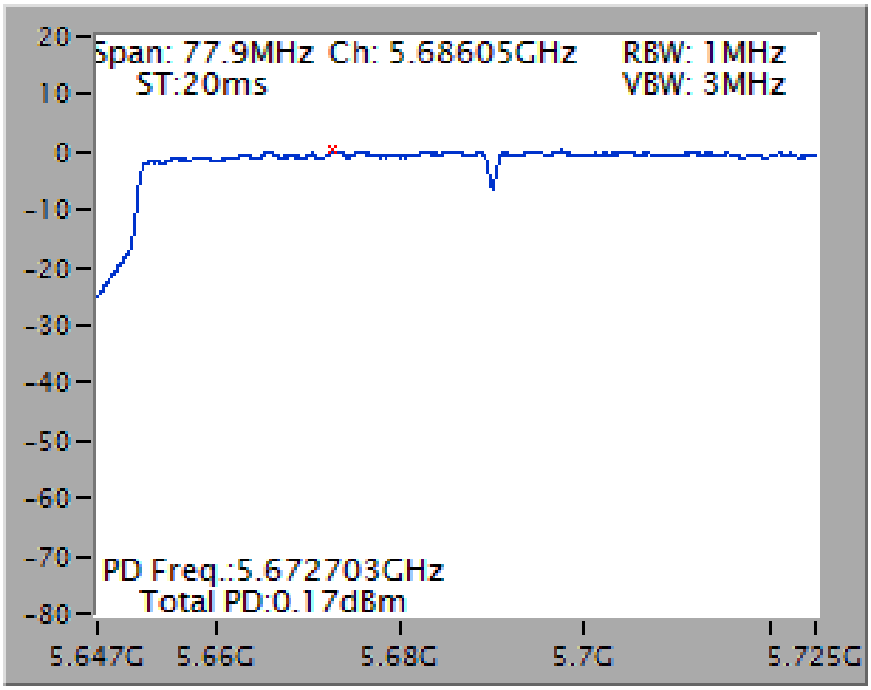


Type 11

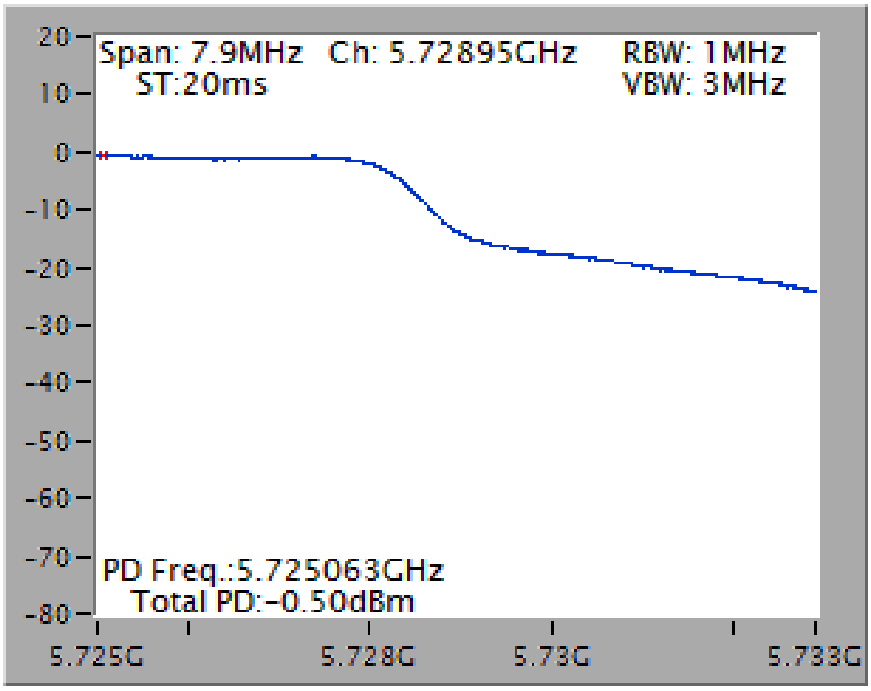
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

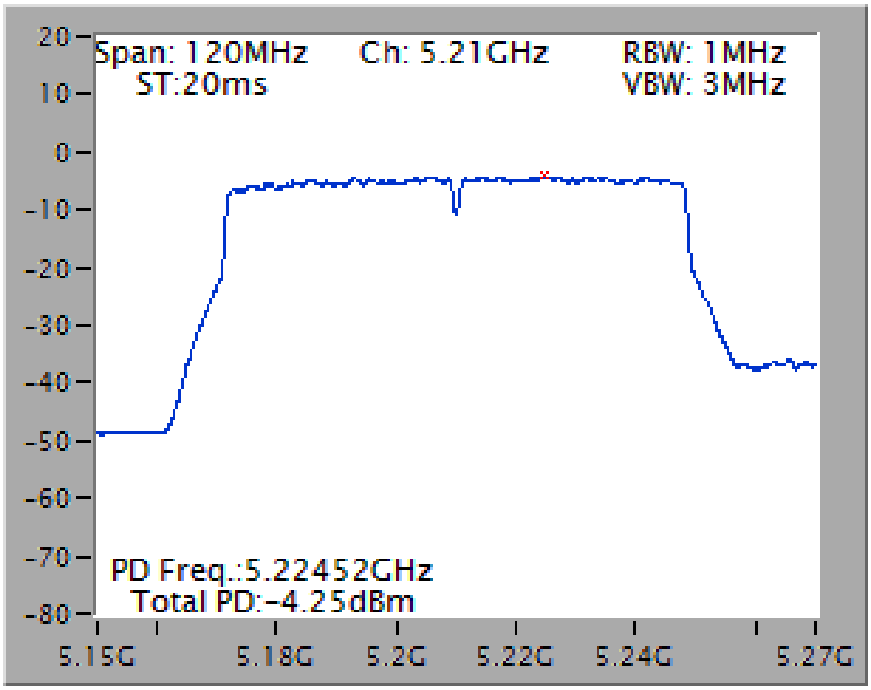


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

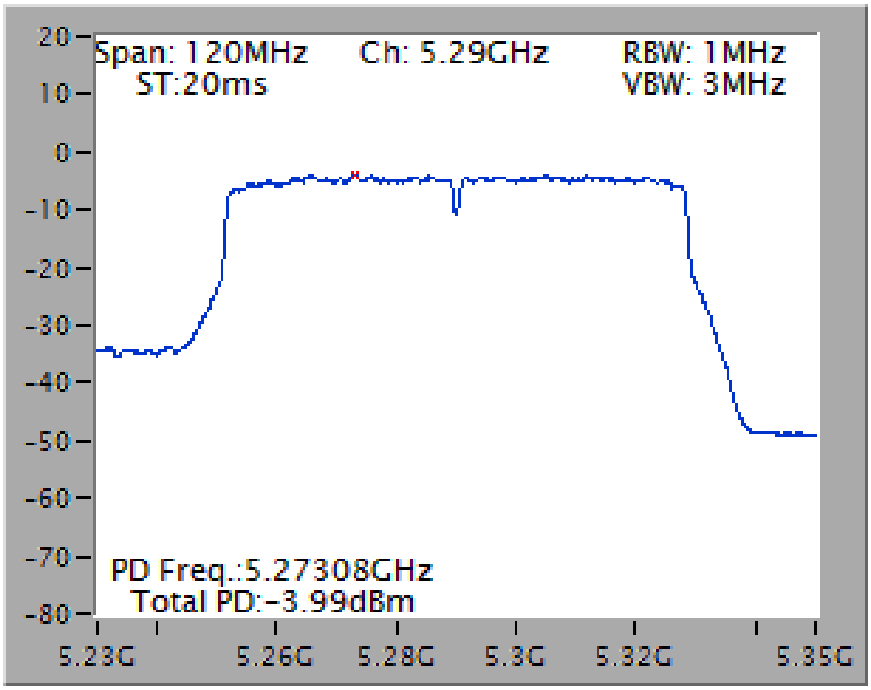


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

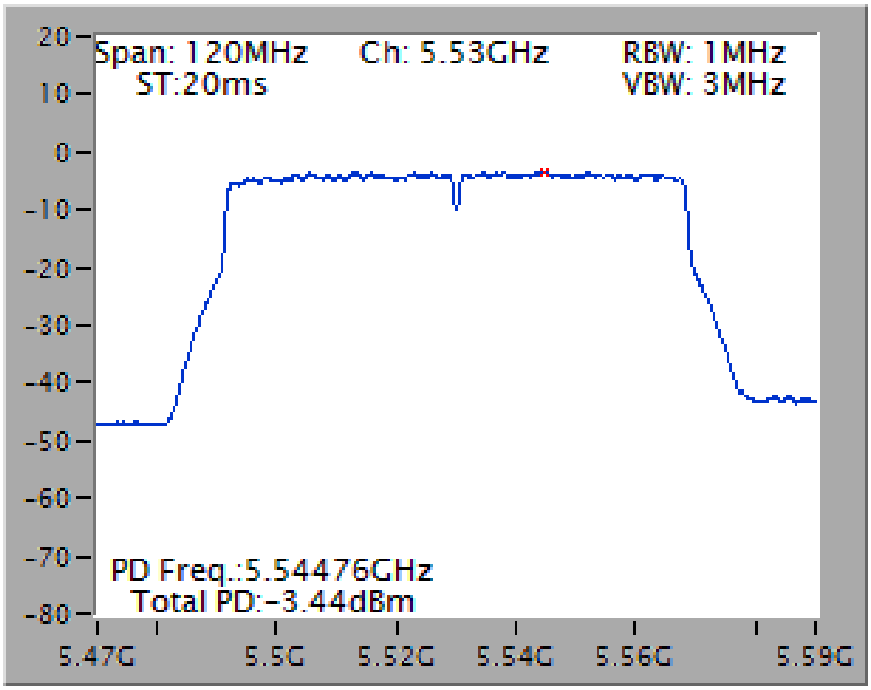


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

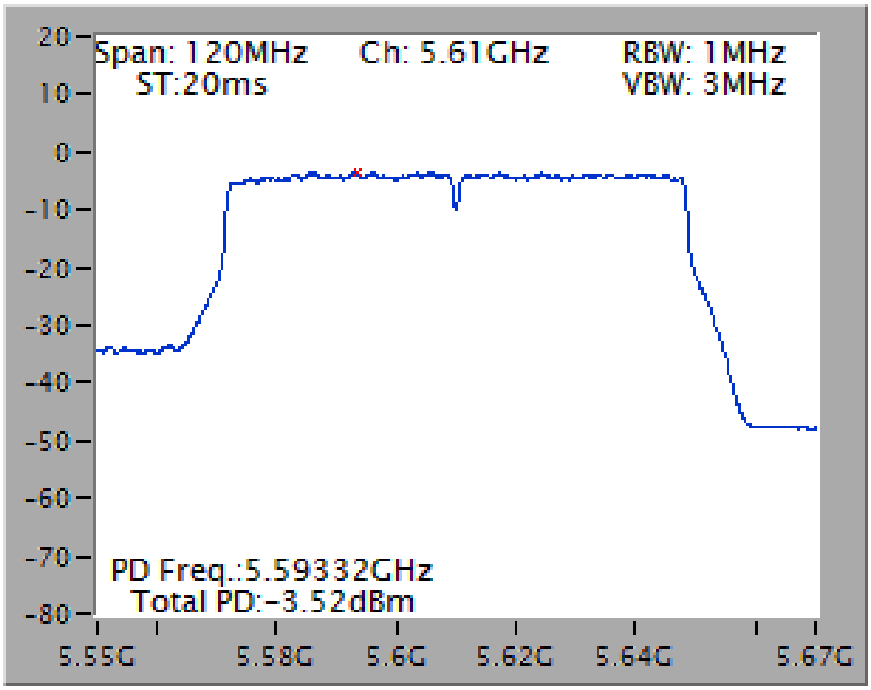


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



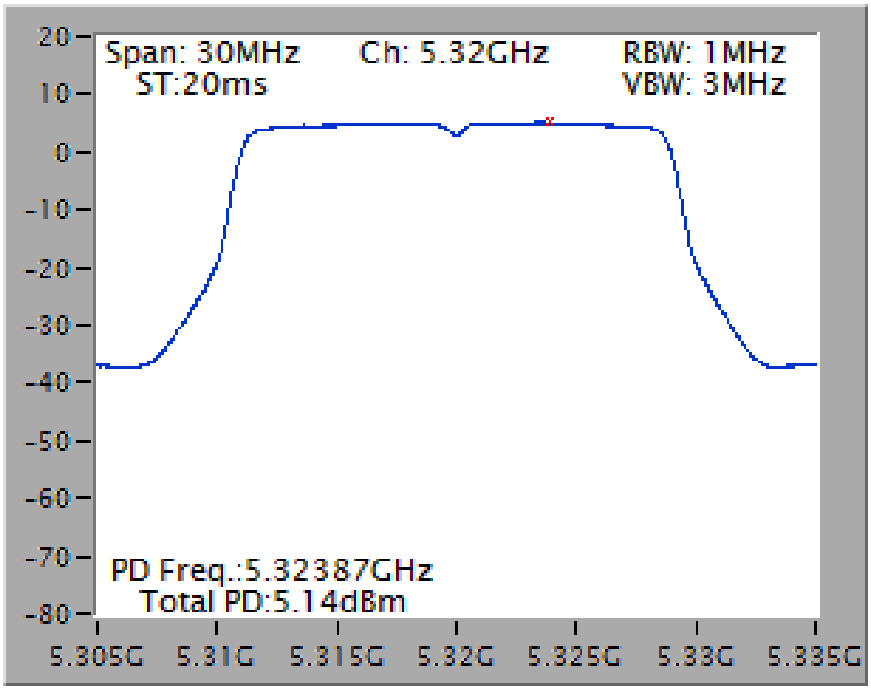
Power Density Plot on Chain 3 + Chain 4 / 5610 MHz



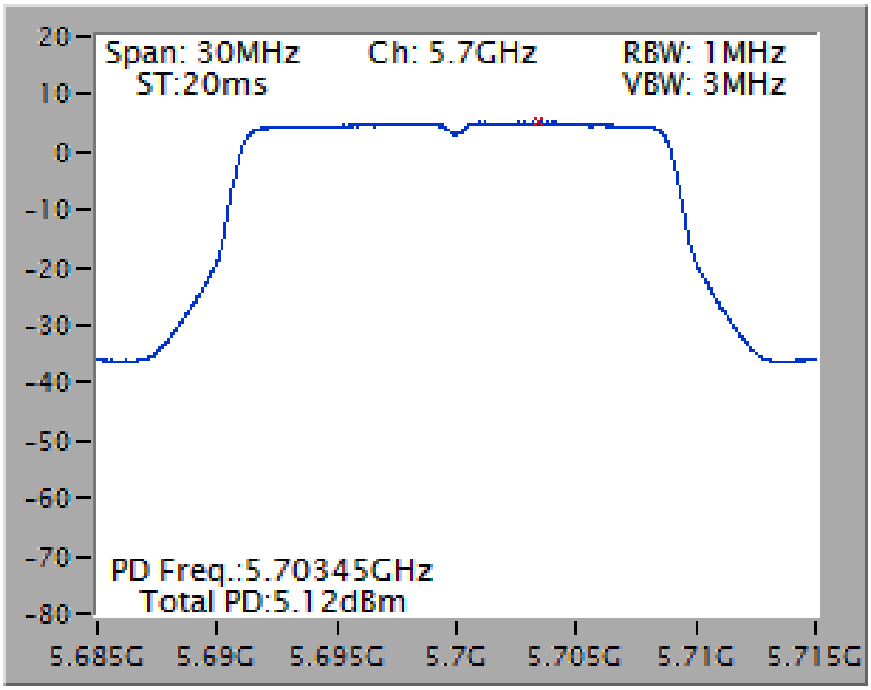
<For Radio 2 beamforming Mode>

For Mode 1:

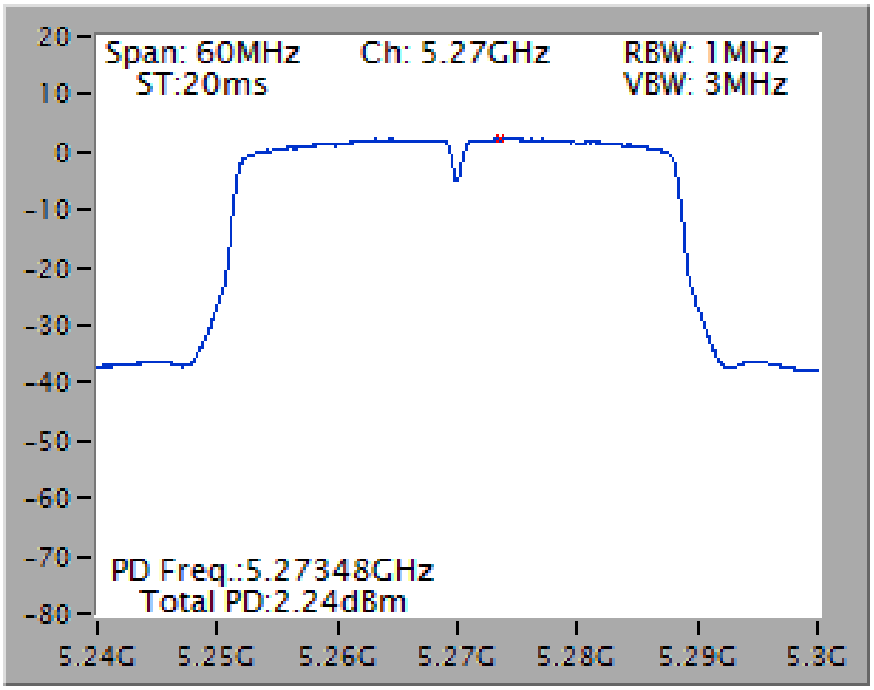
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



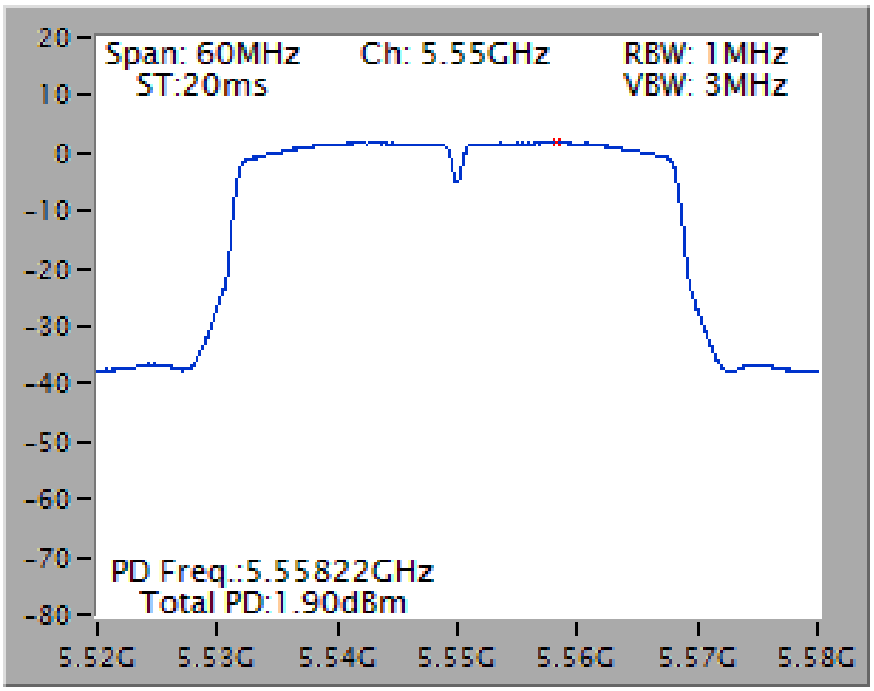
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5700 MHz



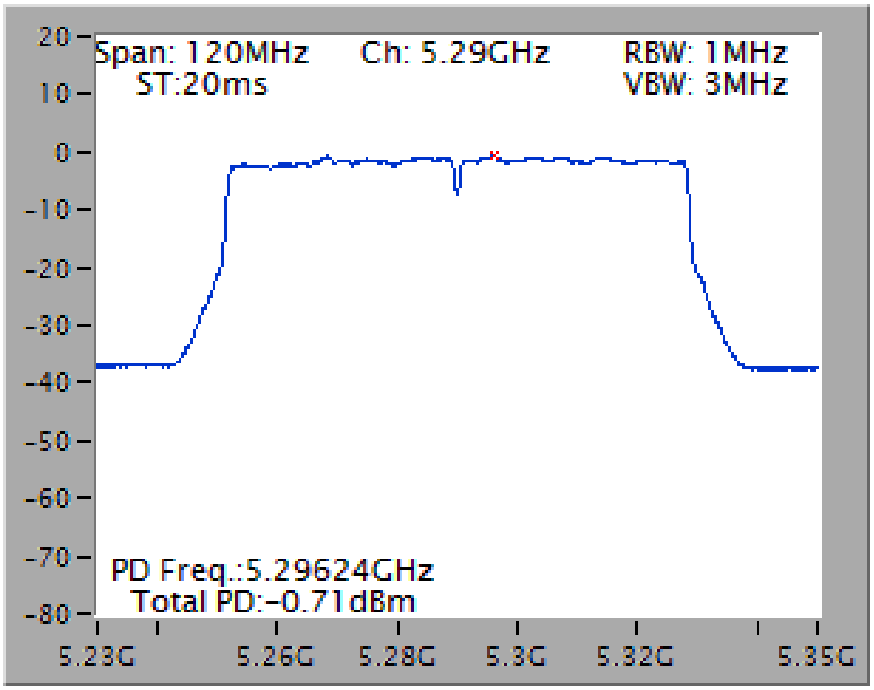
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



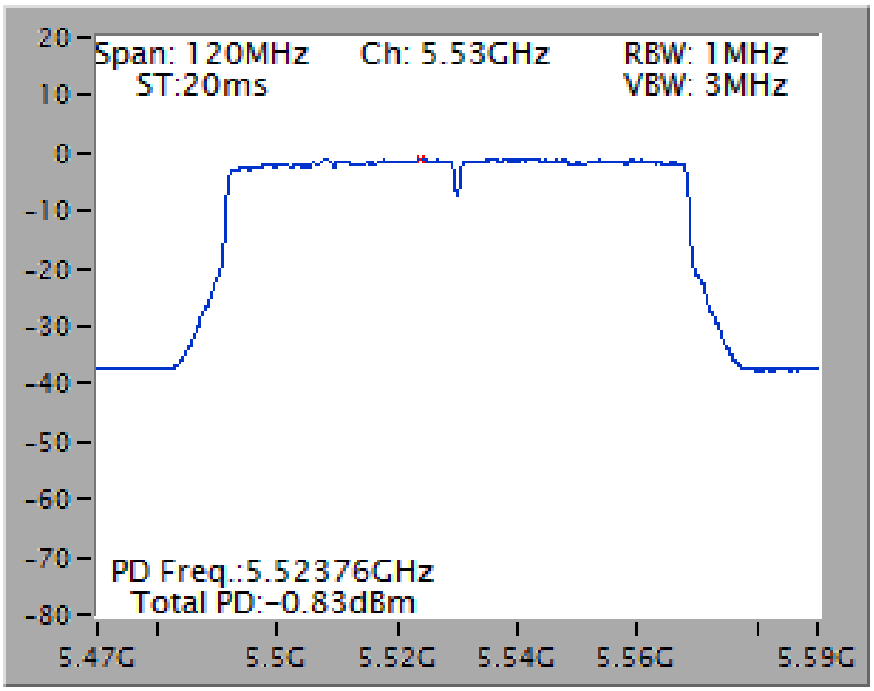
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



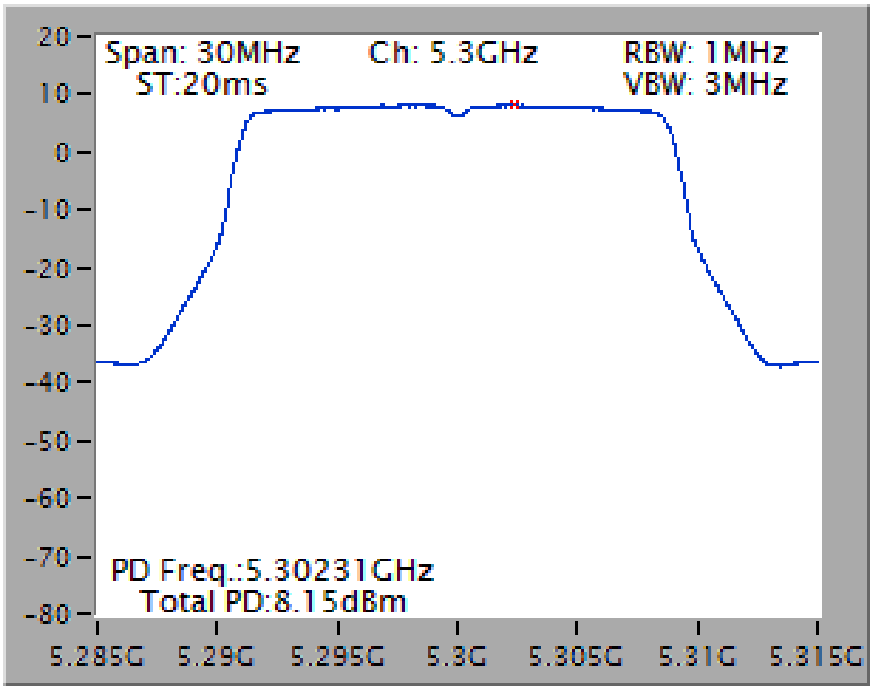
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



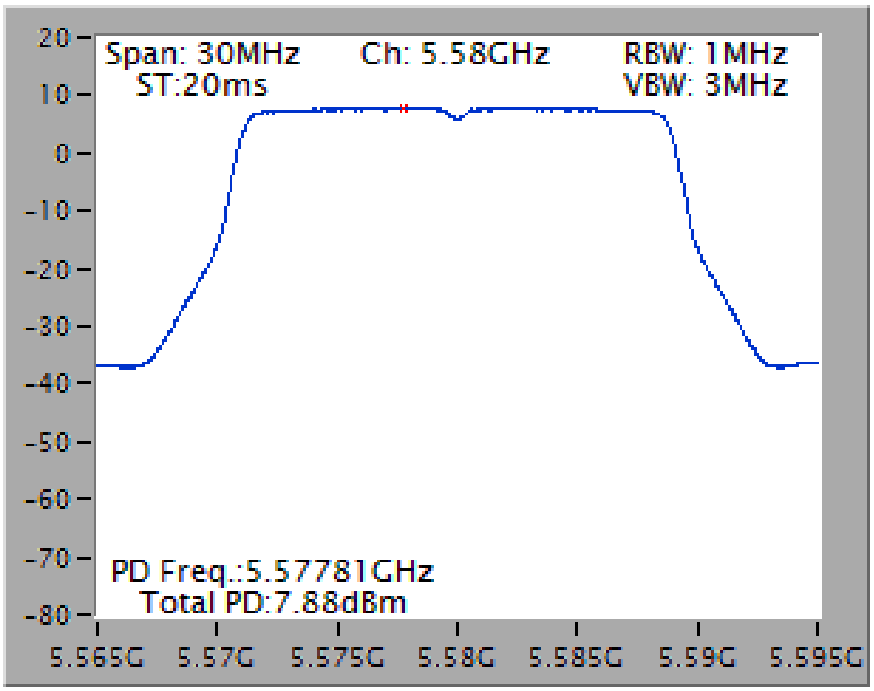
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



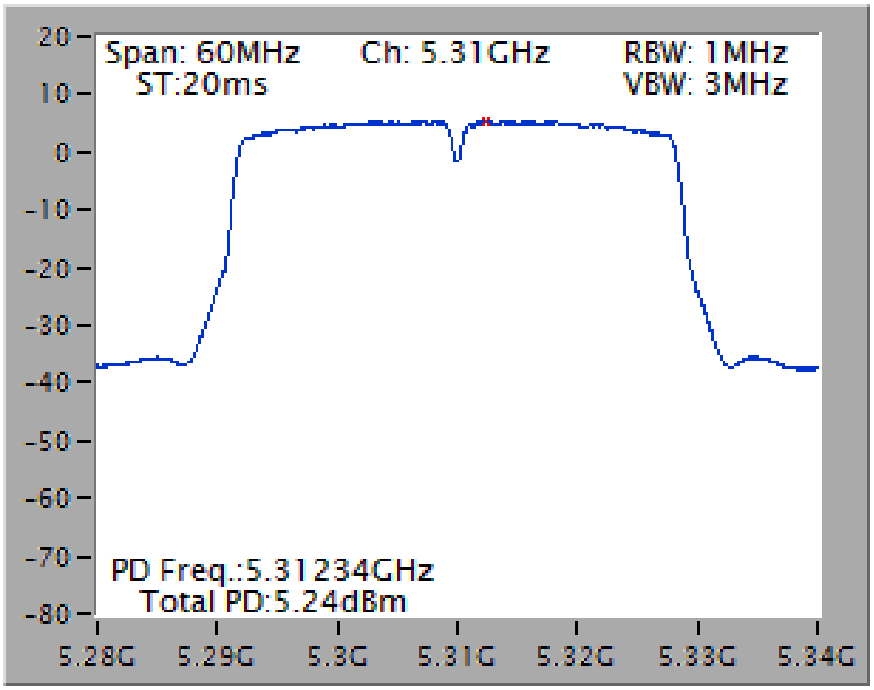
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



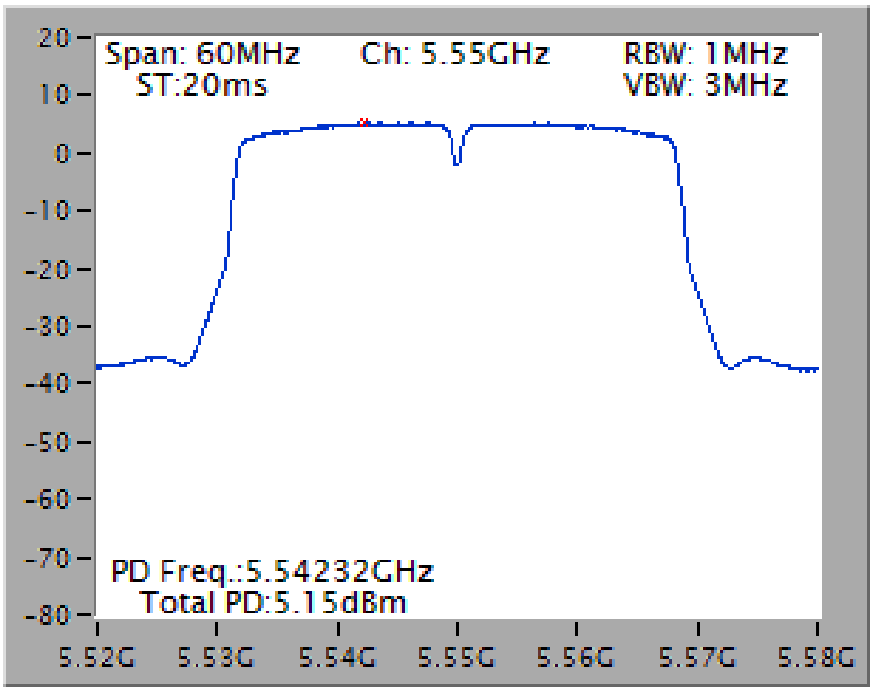
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



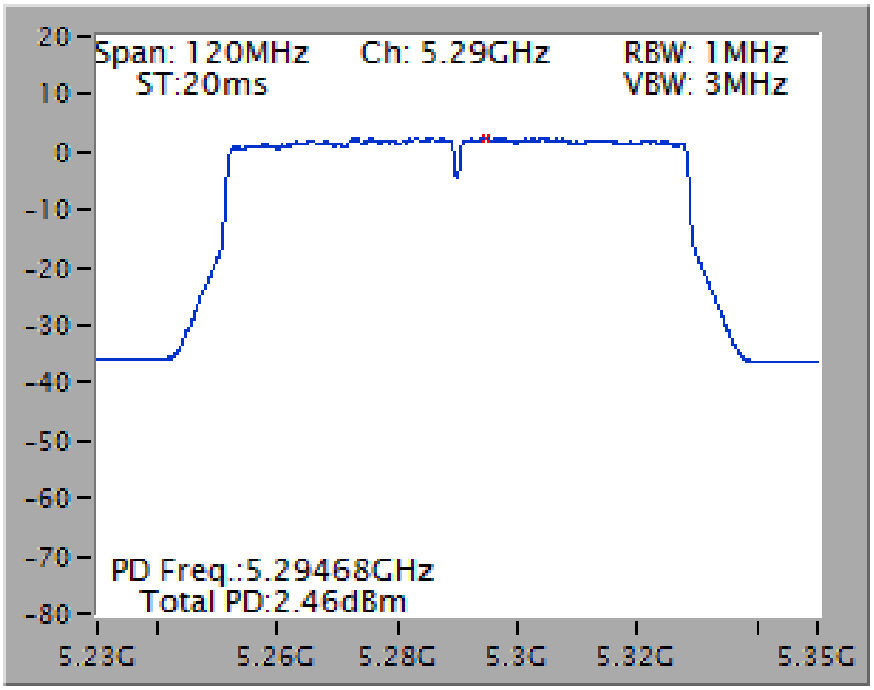
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



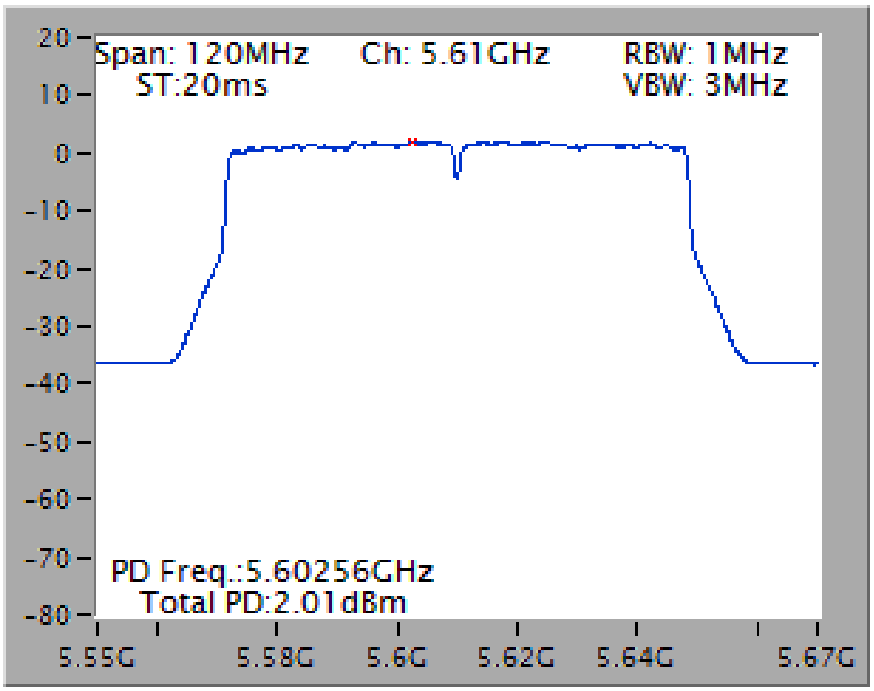
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



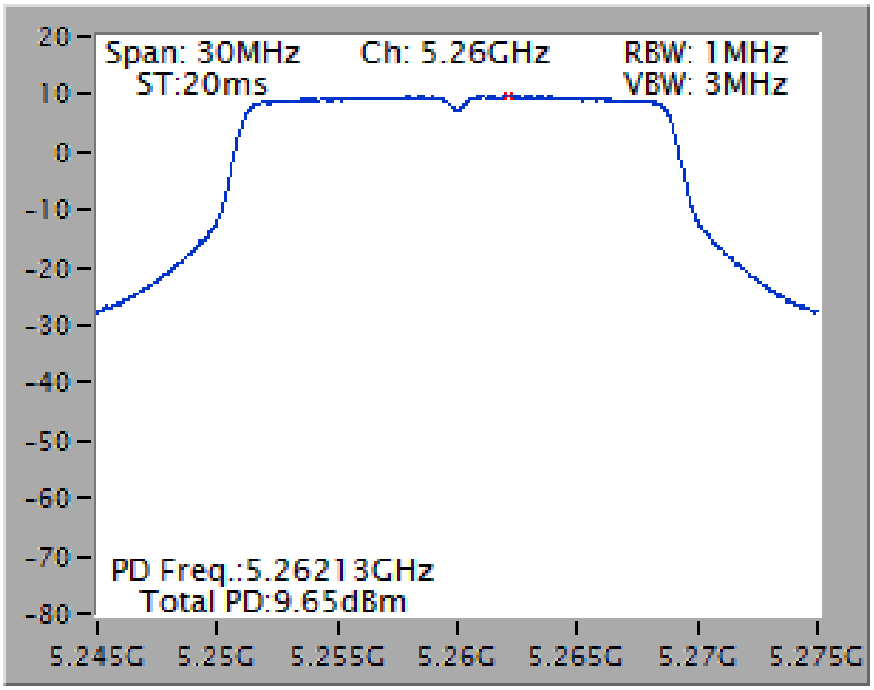
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



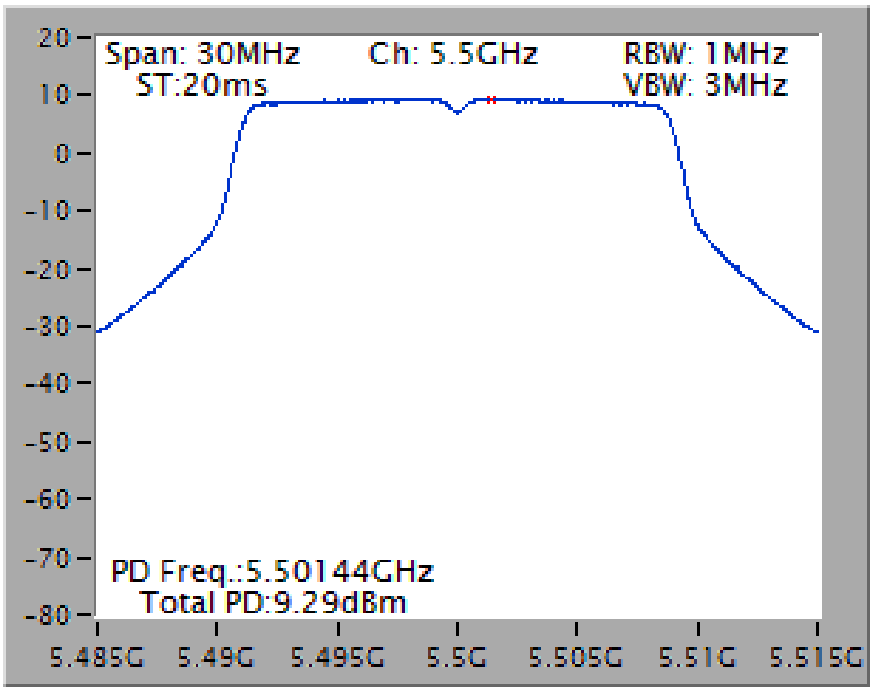
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



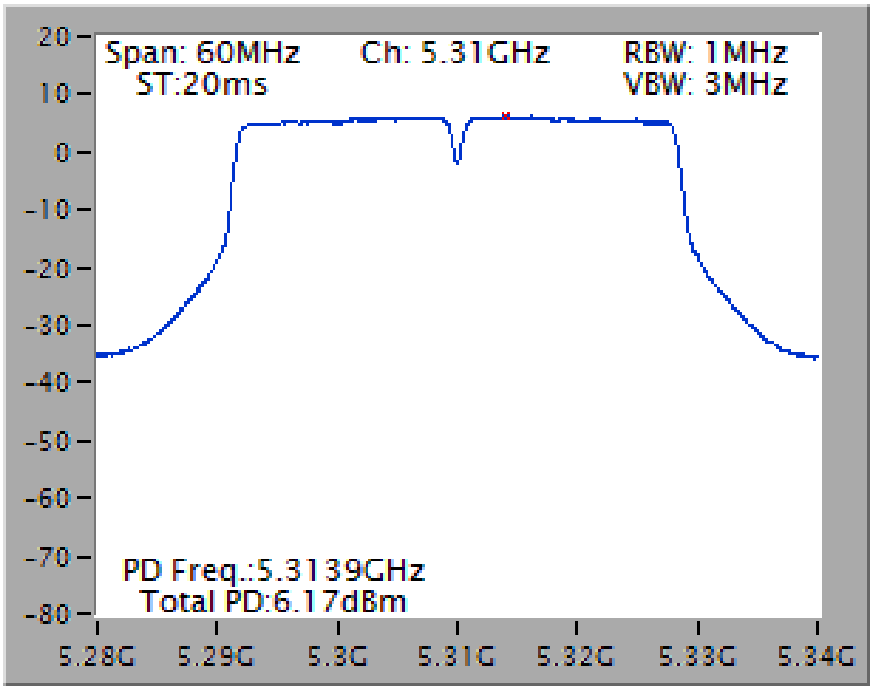
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



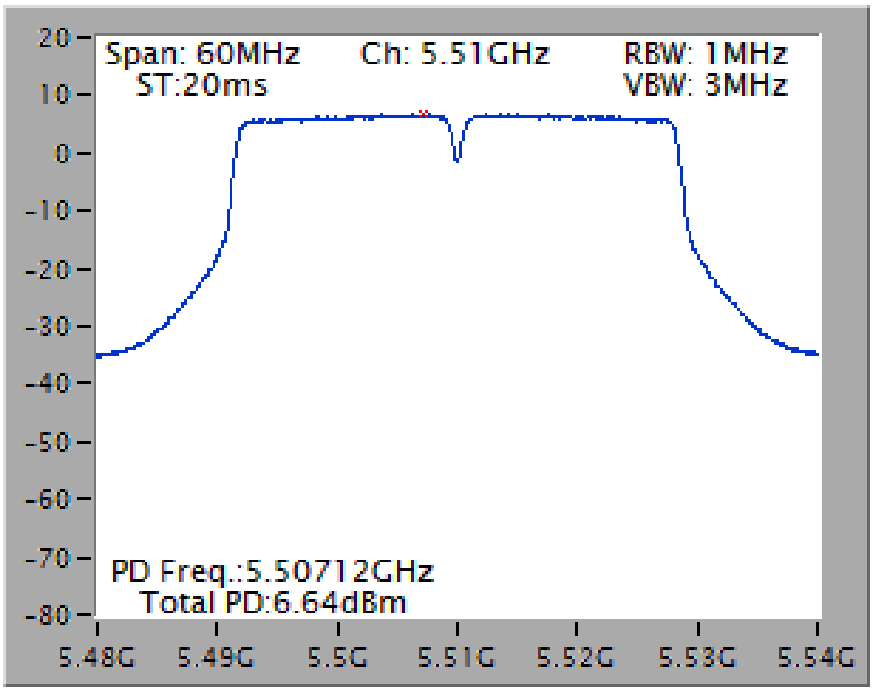
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



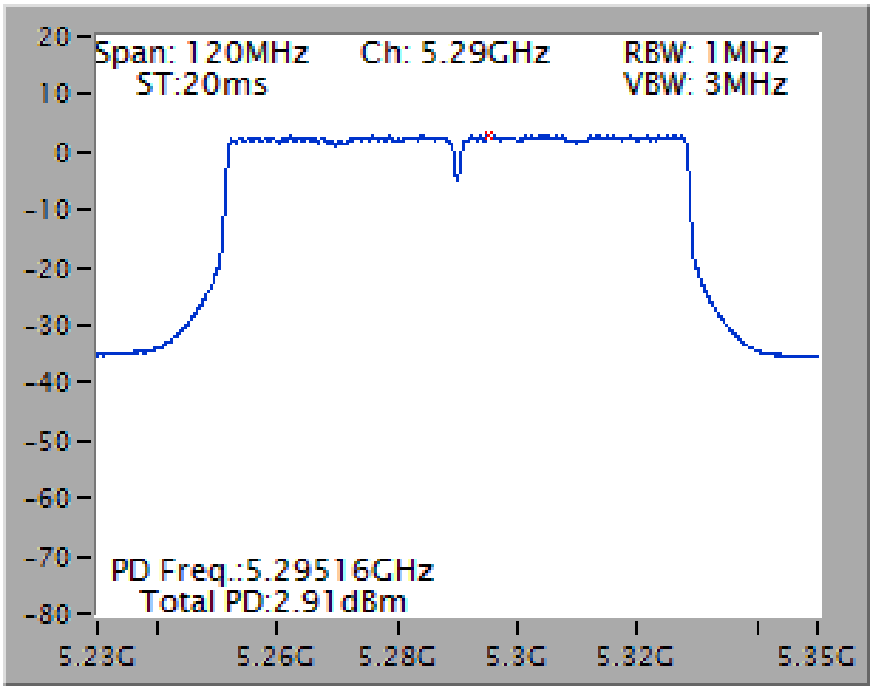
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



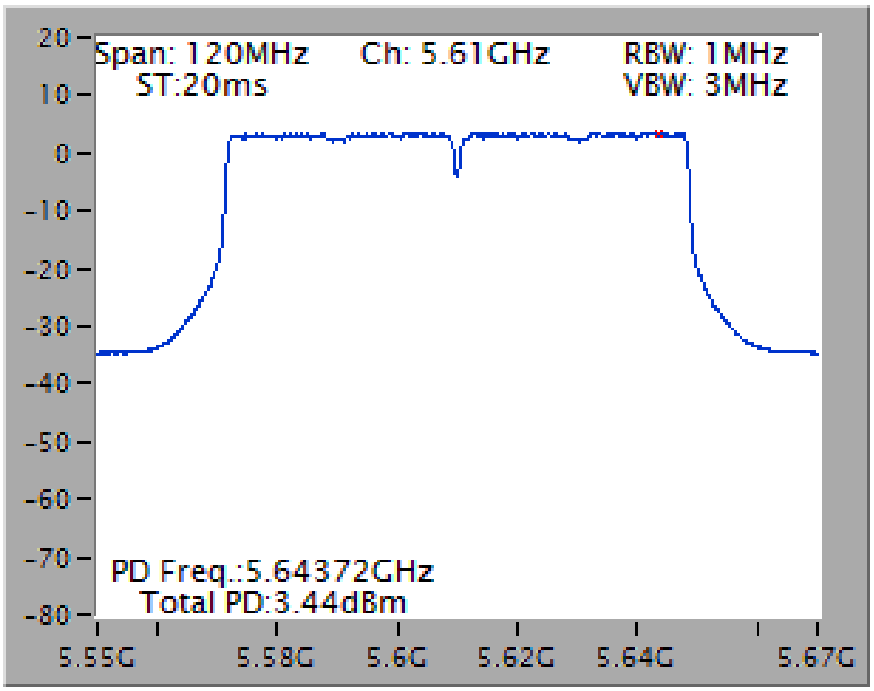
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5510 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

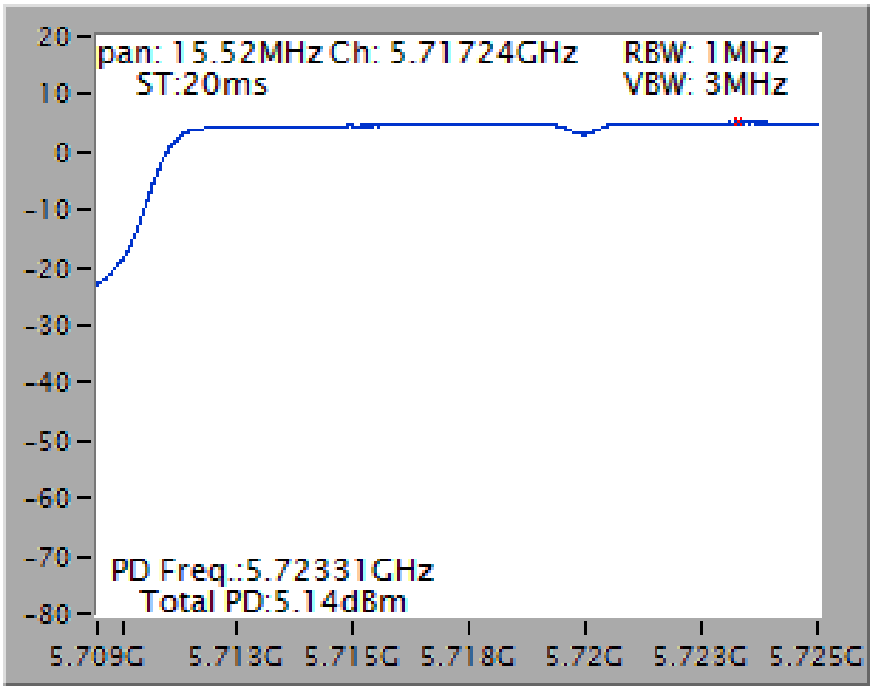


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

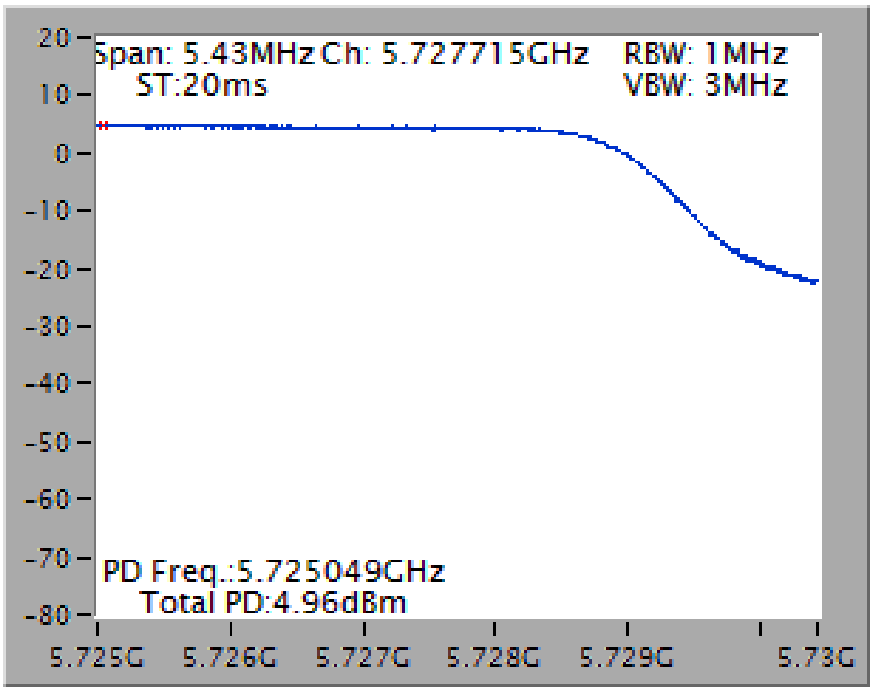


Straddle Channel

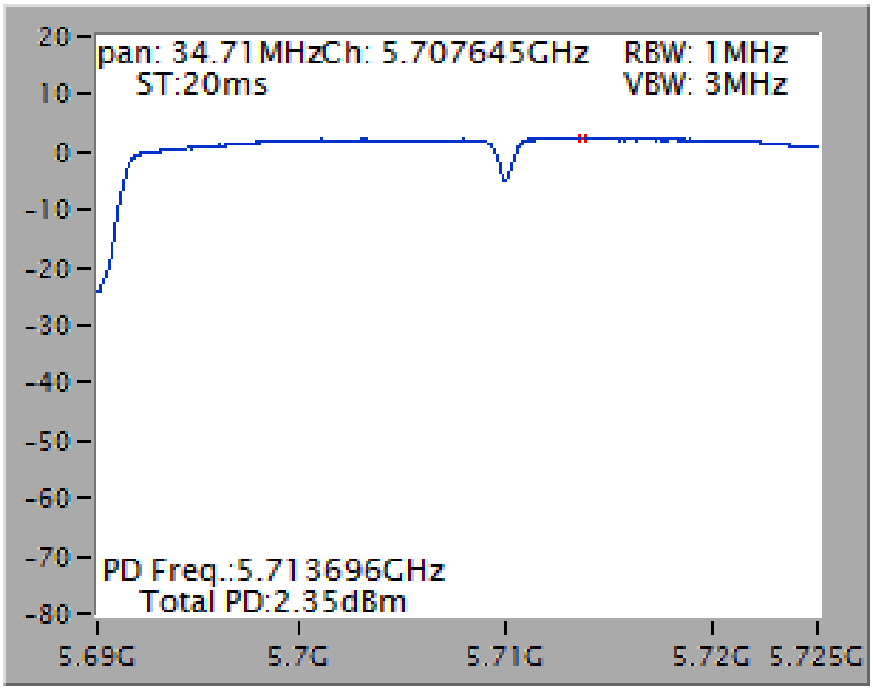
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



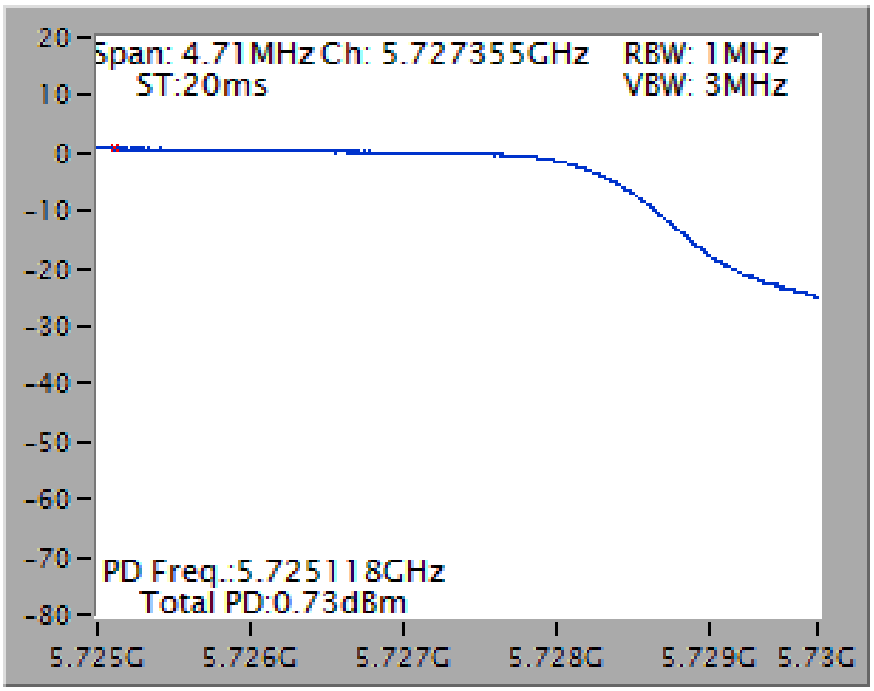
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



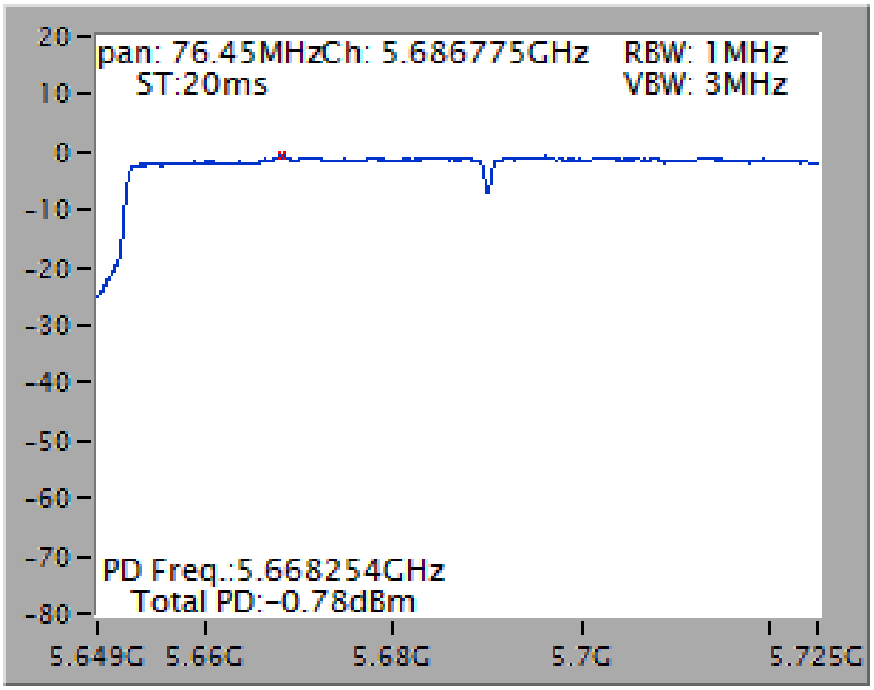
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



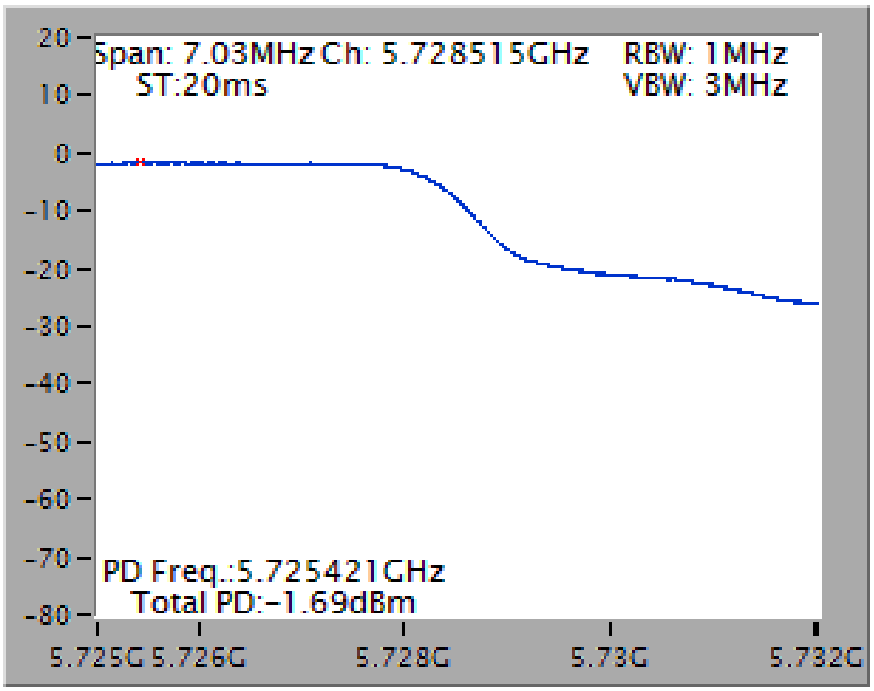
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



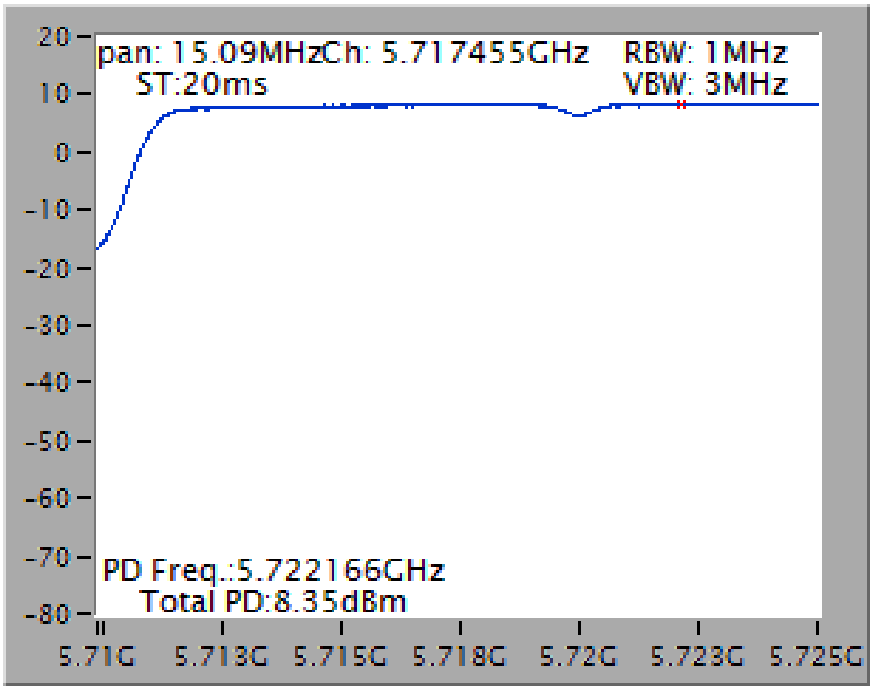
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



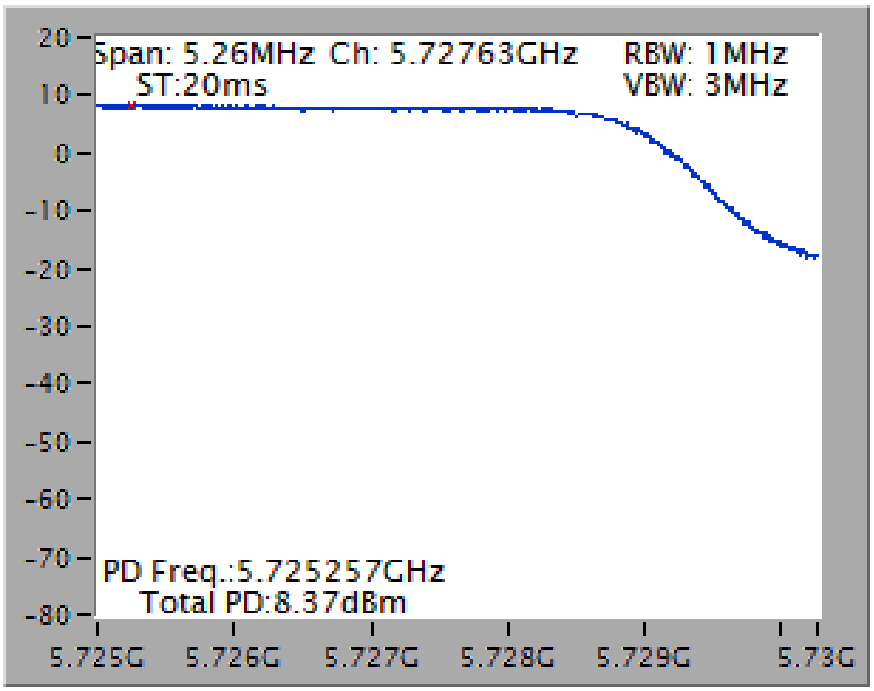
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



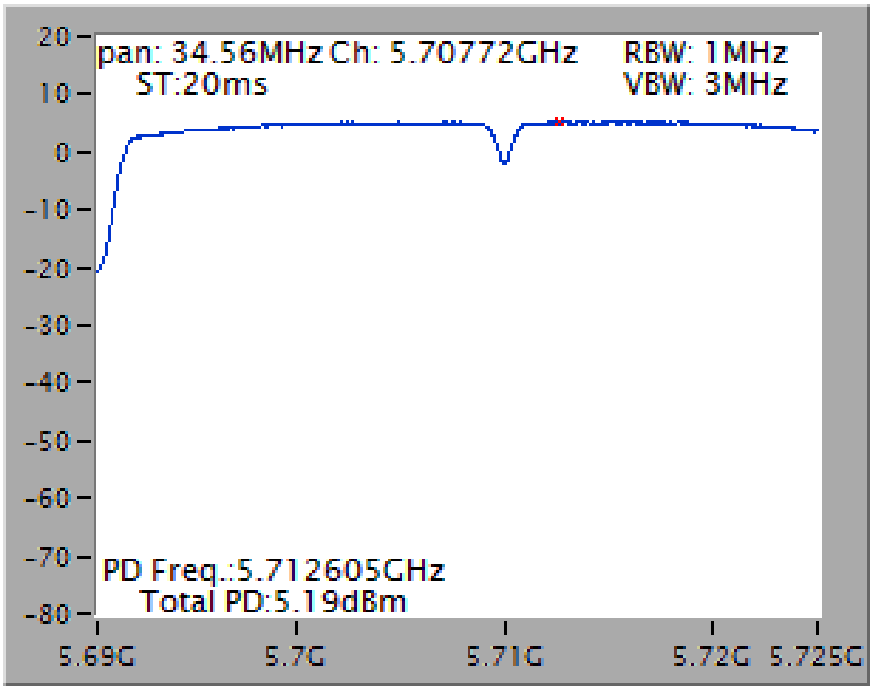
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



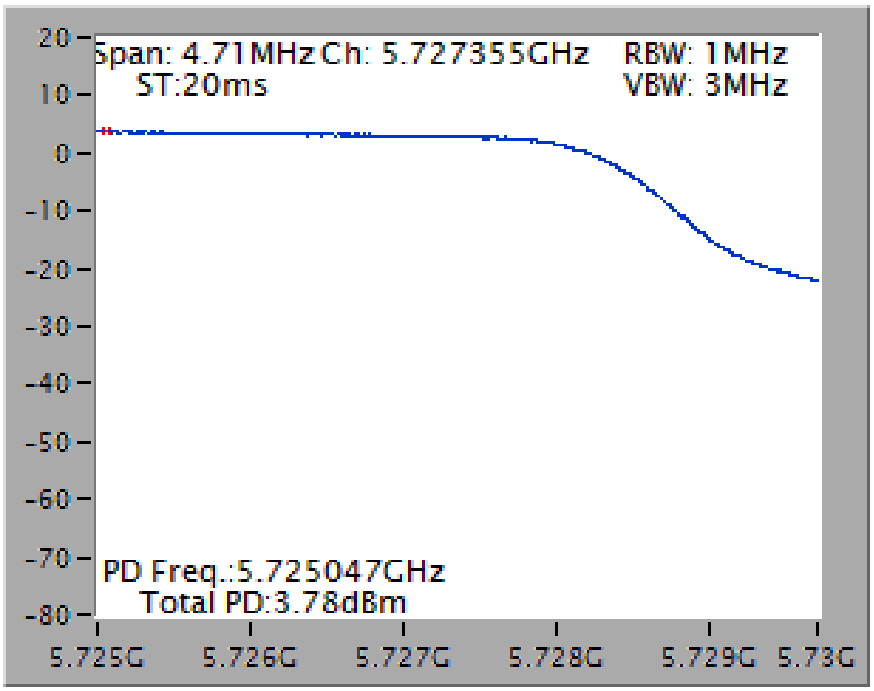
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



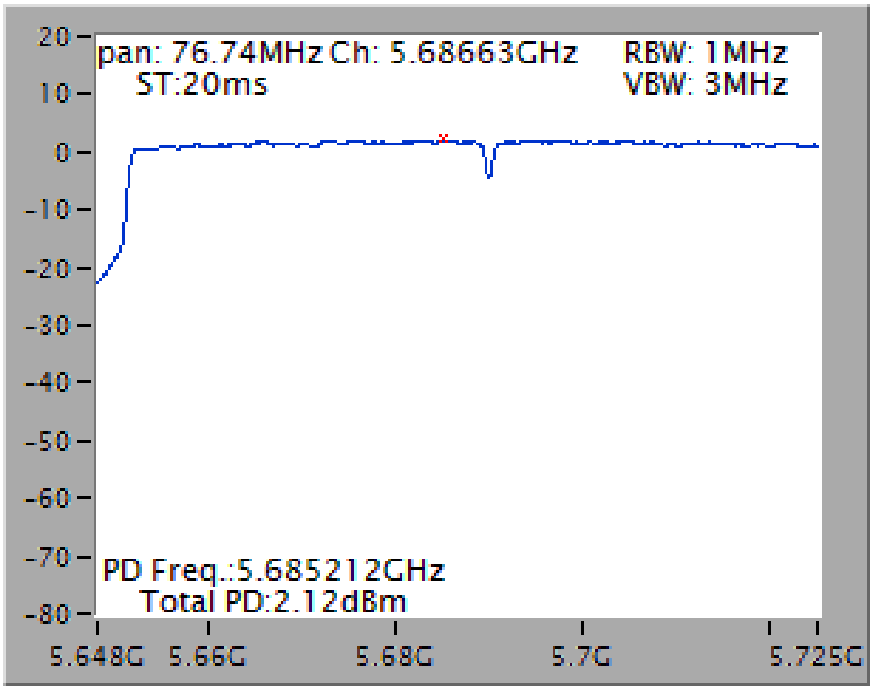
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



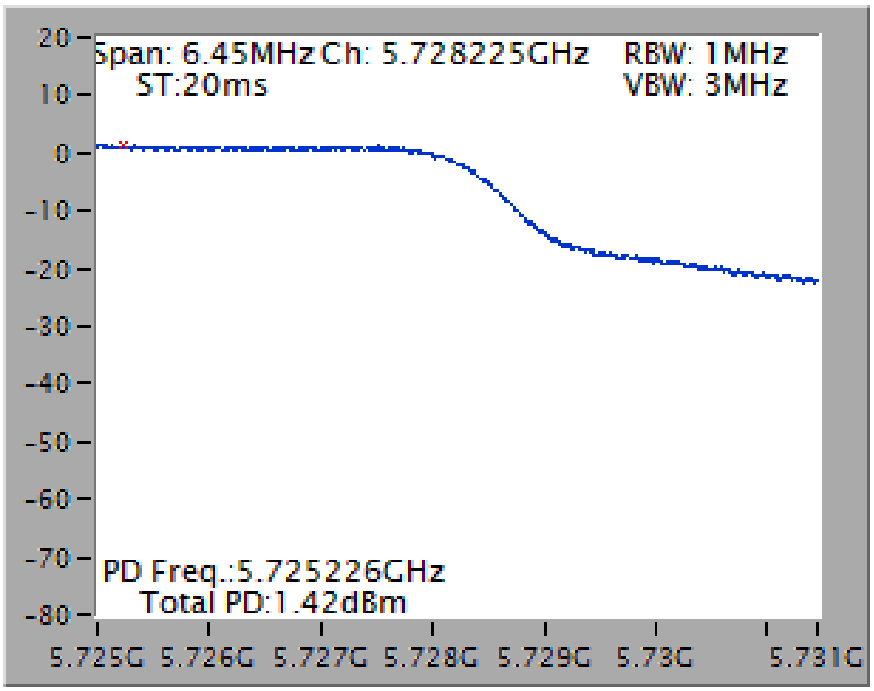
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



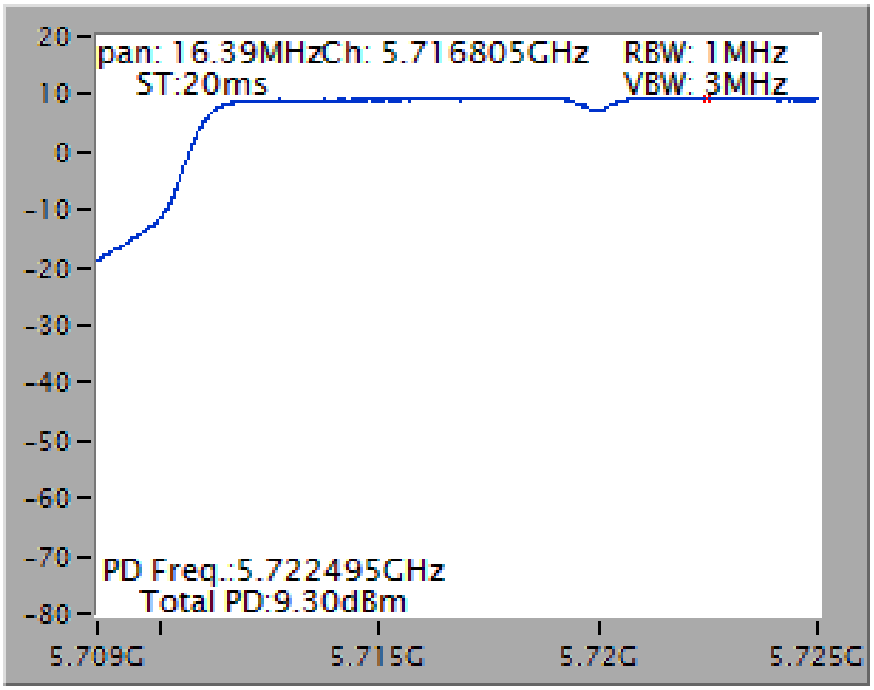
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



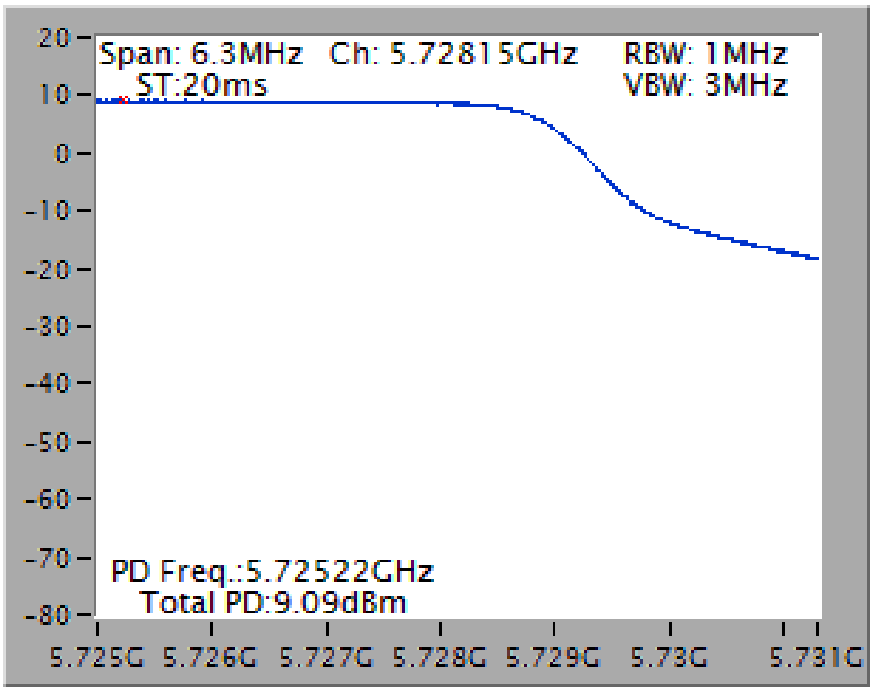
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



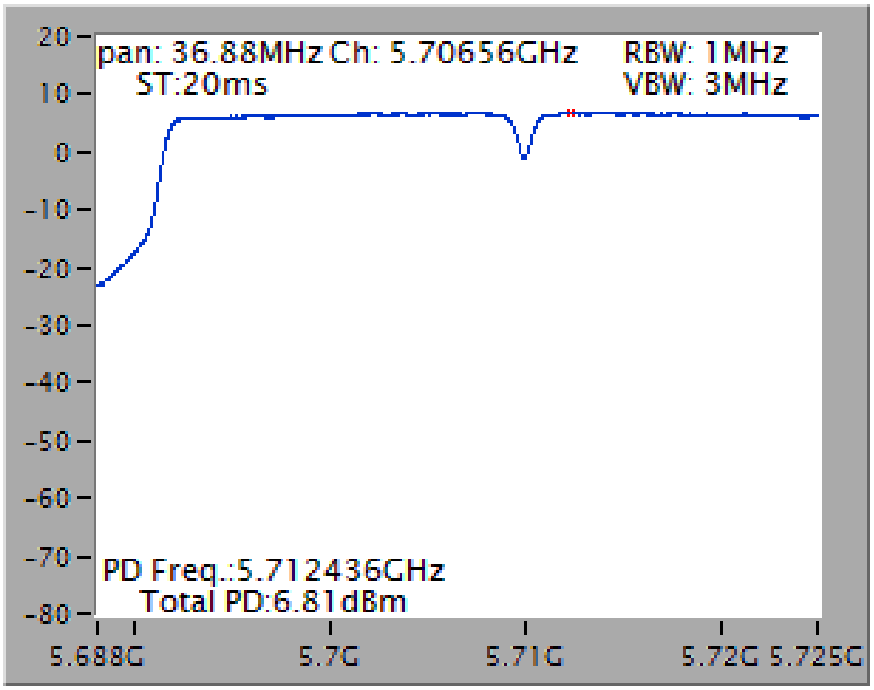
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



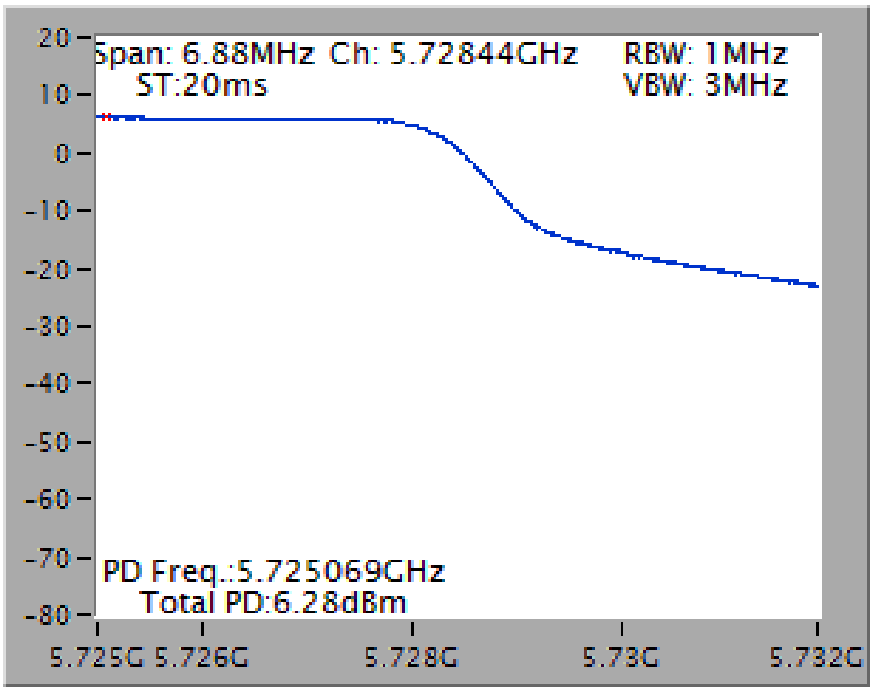
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



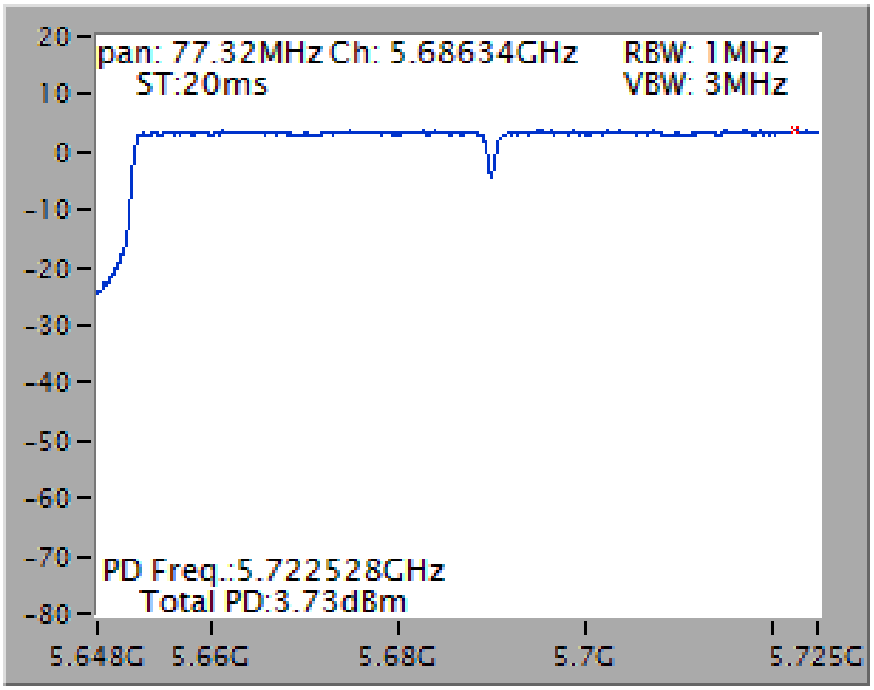
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



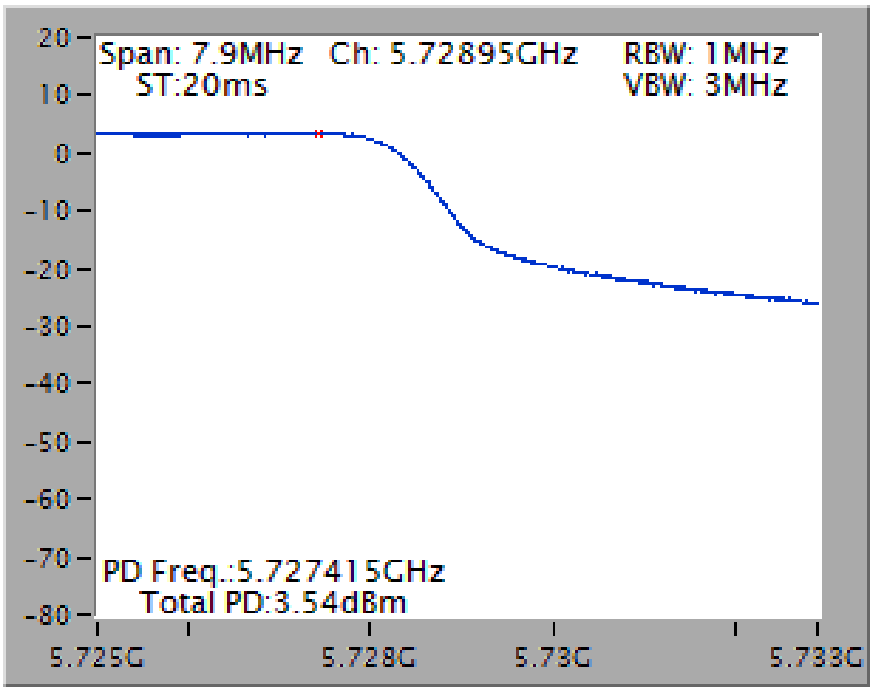
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

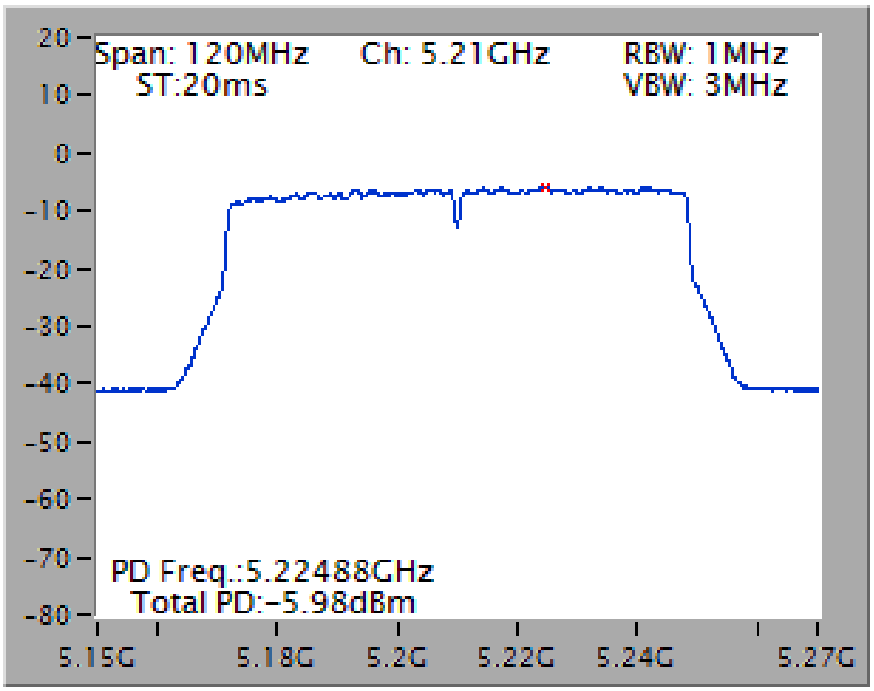


802.11ac MCS0/Nss2 VHT80+80

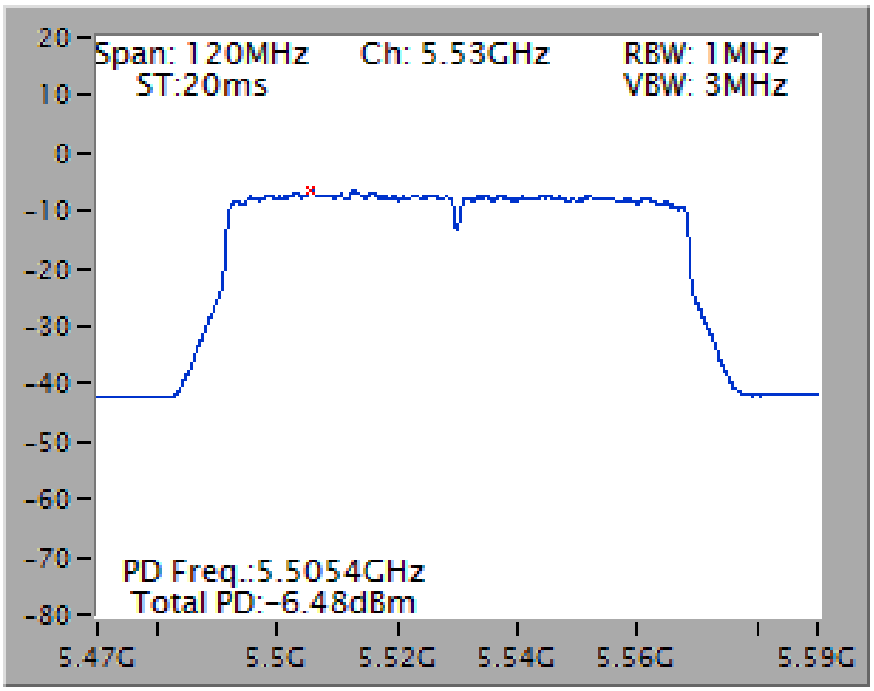
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

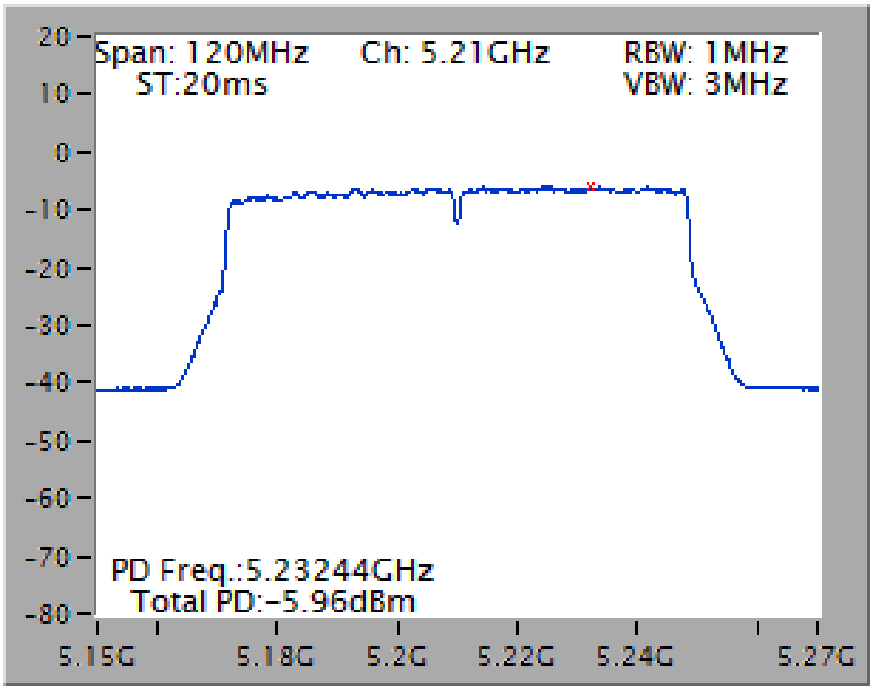


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

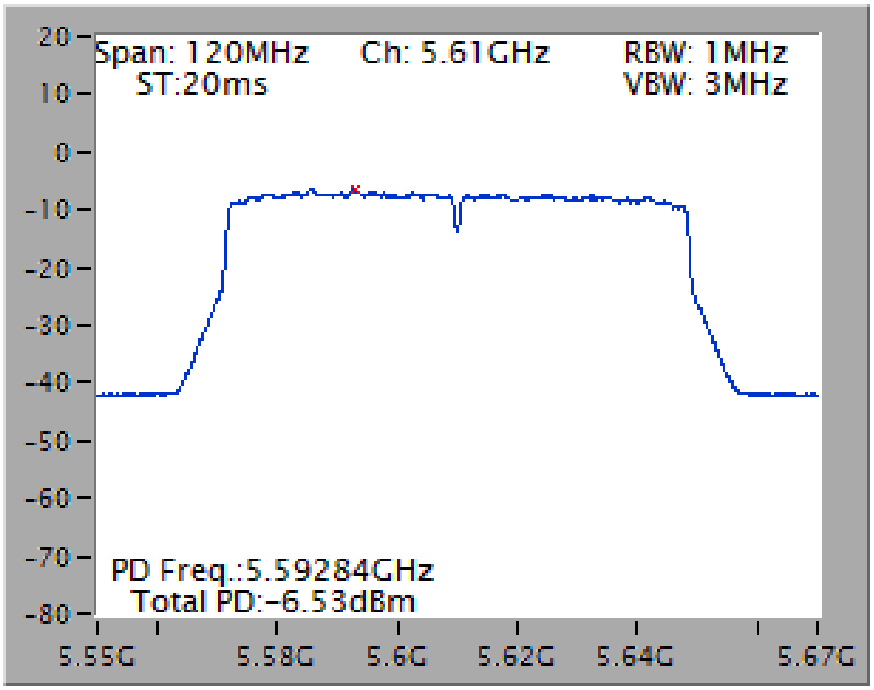


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

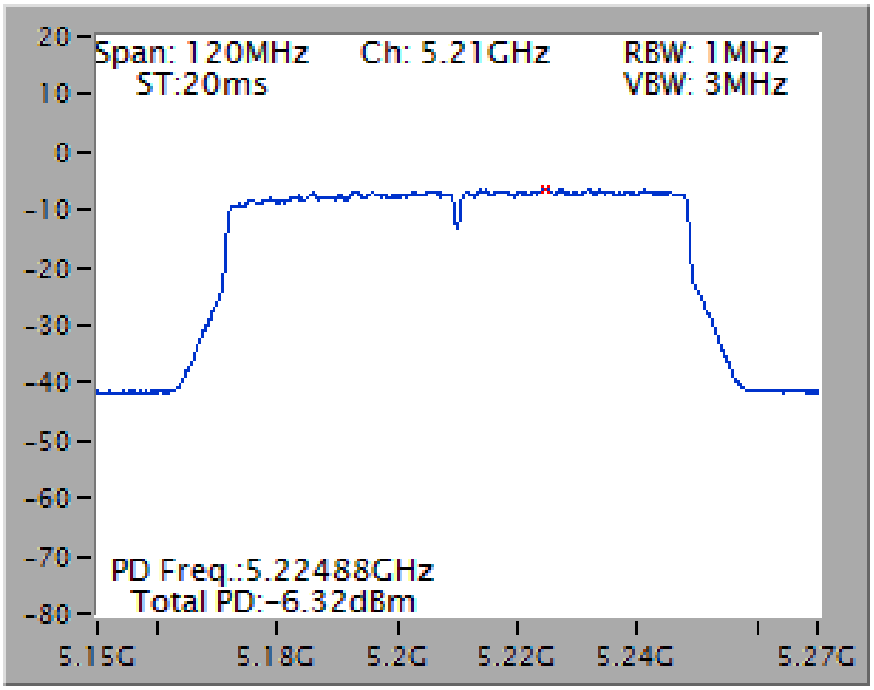


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

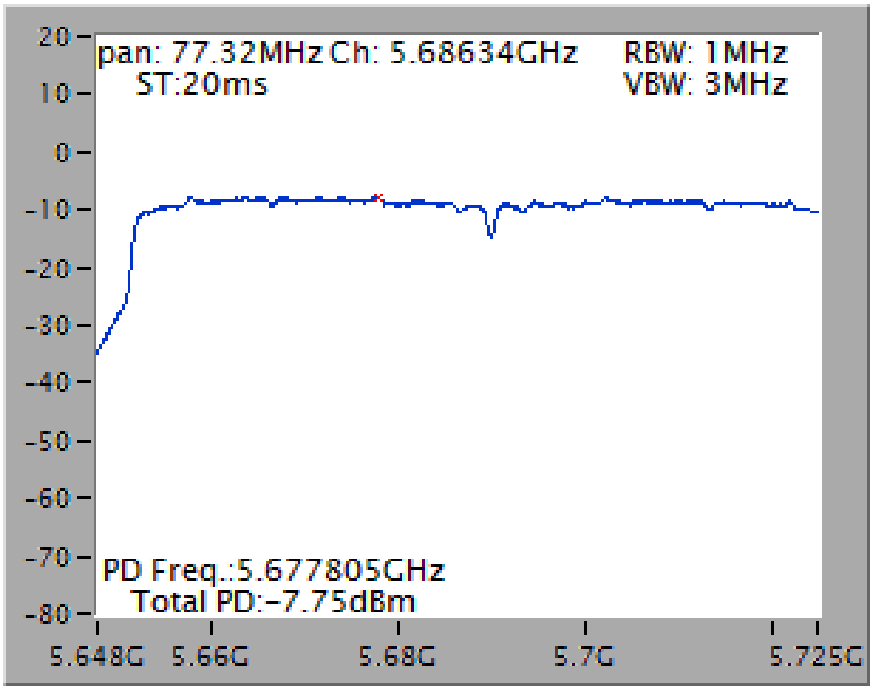


Type 3

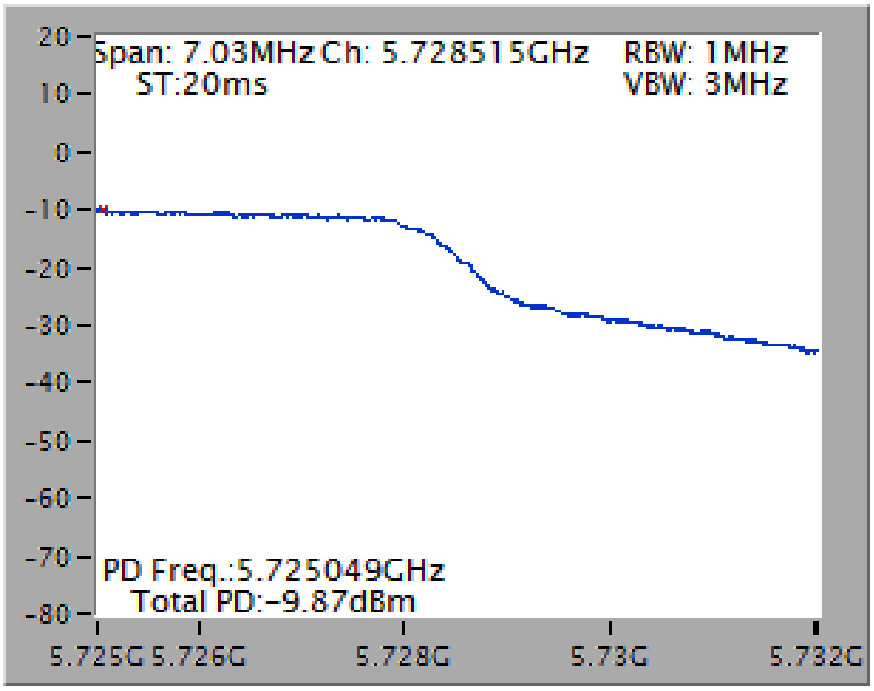
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

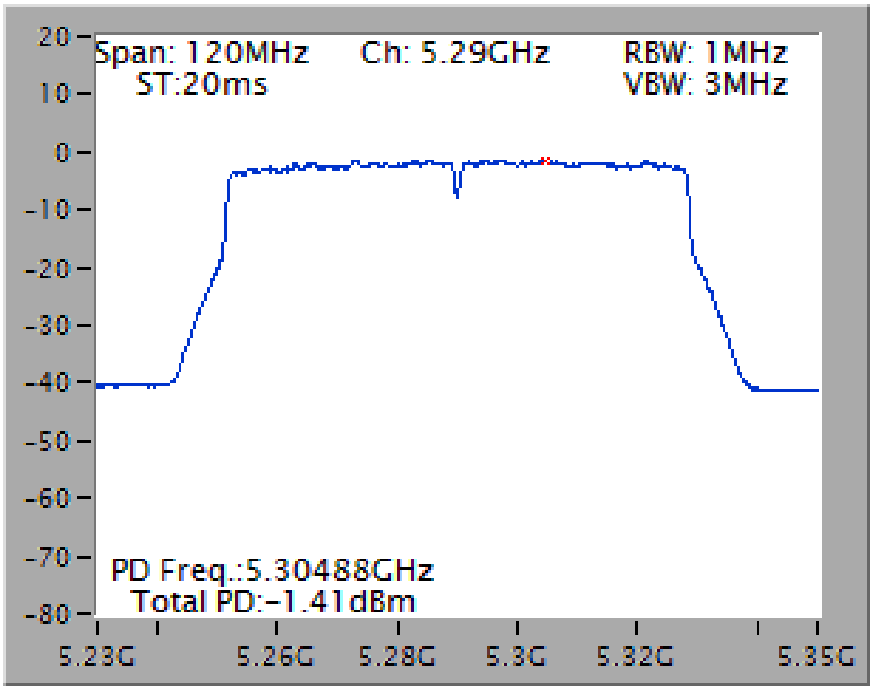


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

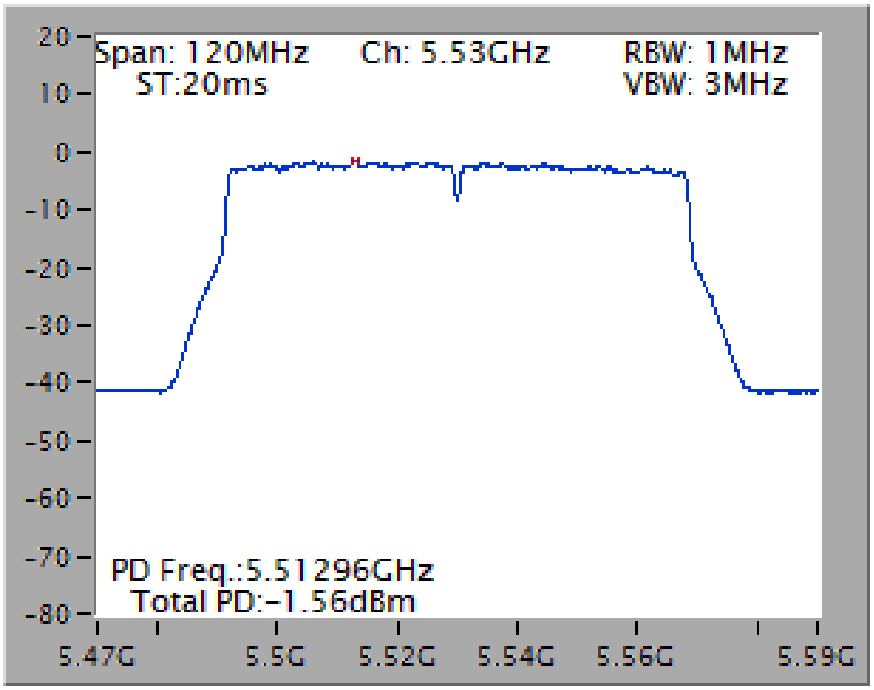


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

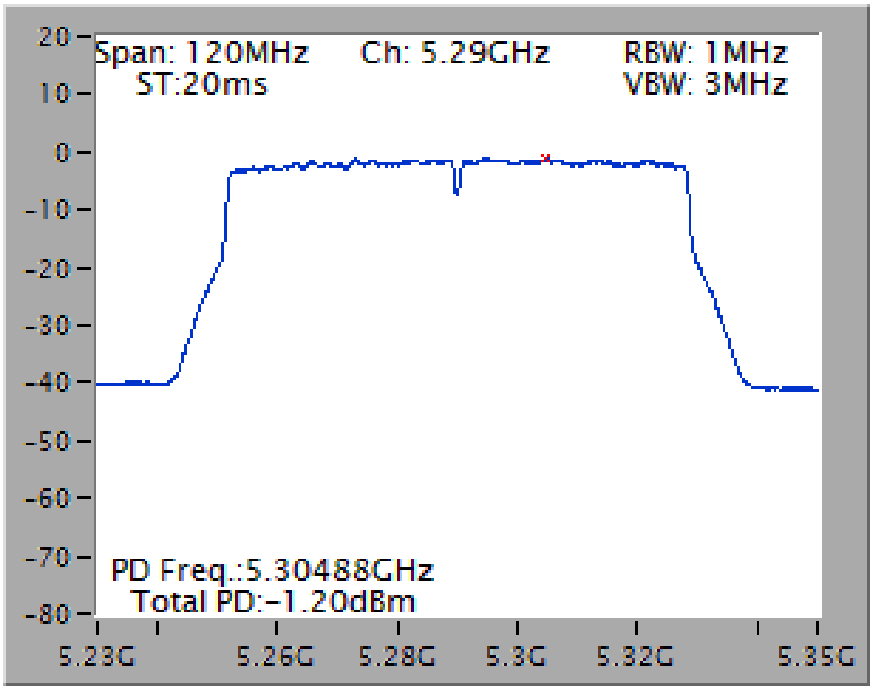


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

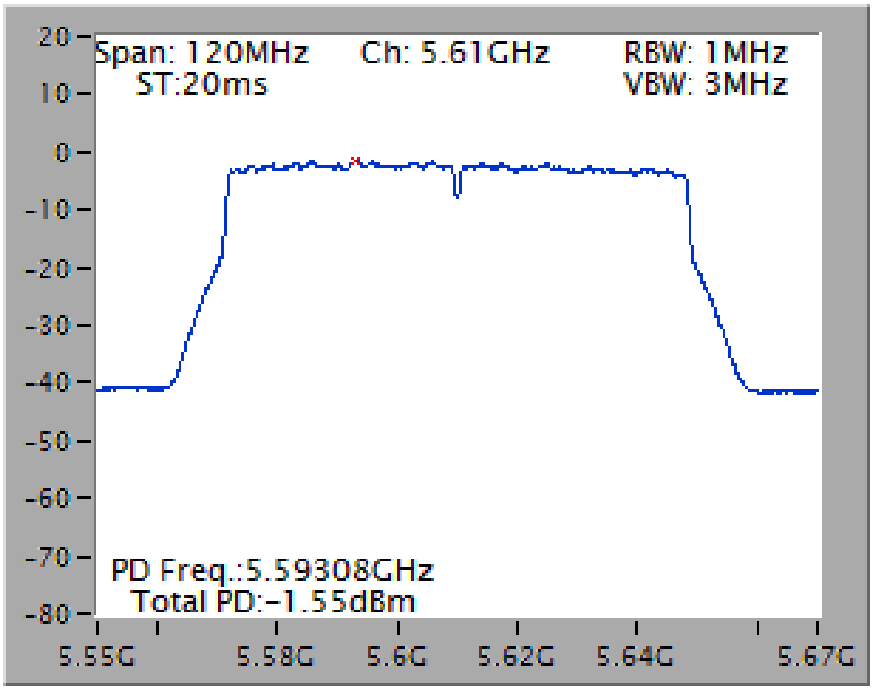


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

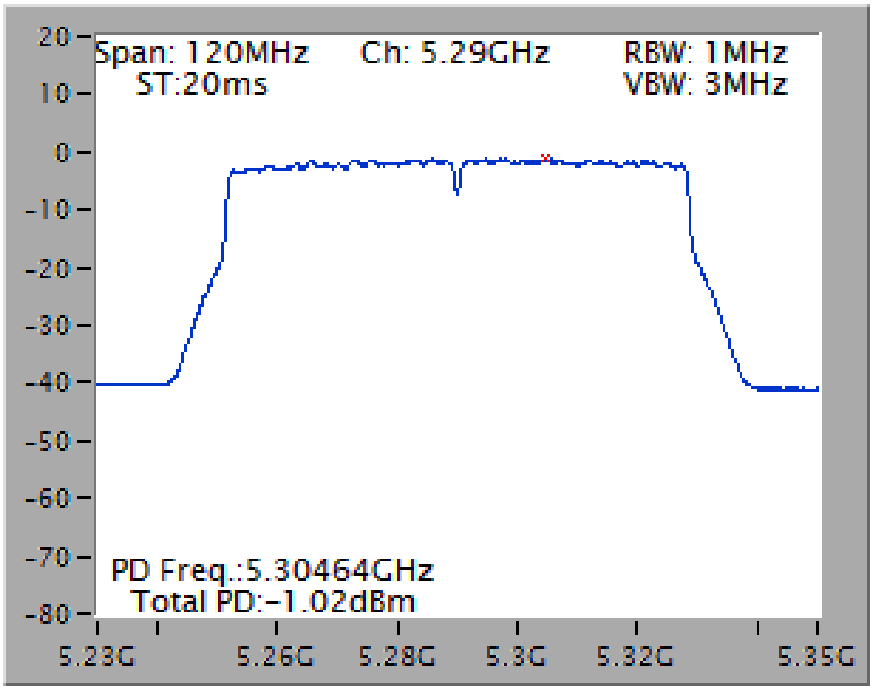


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

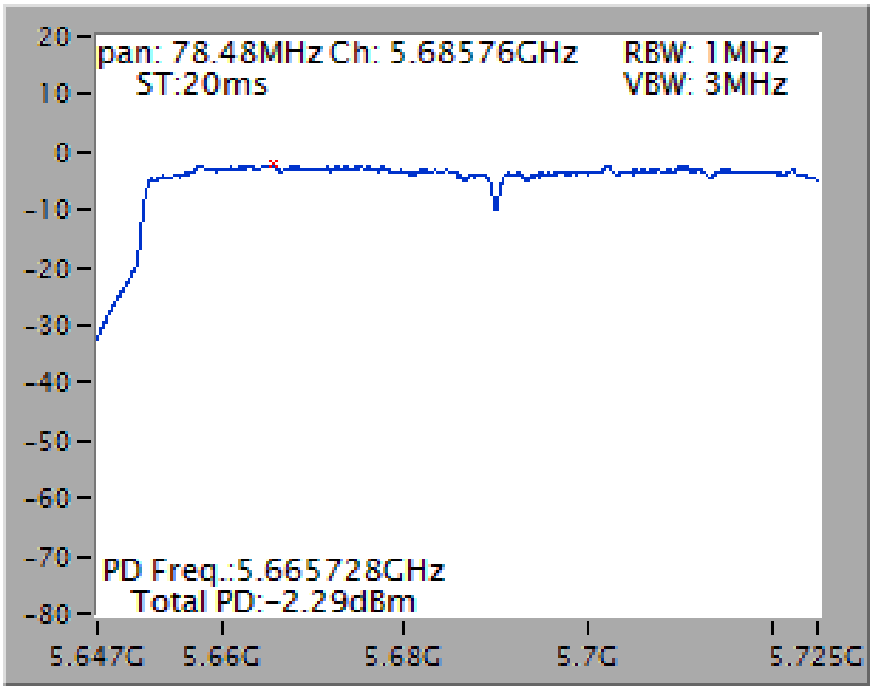


Type 6

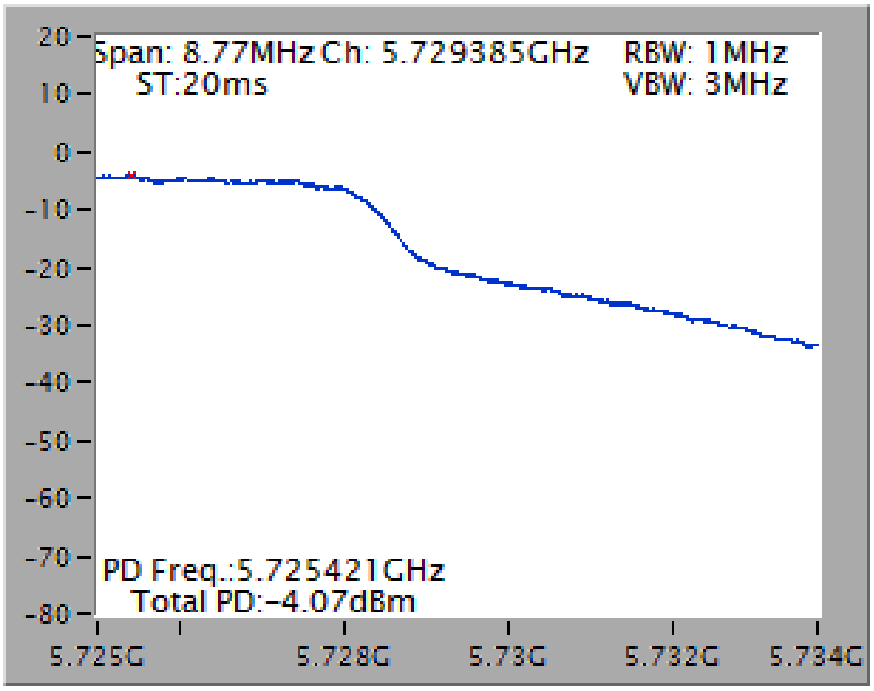
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

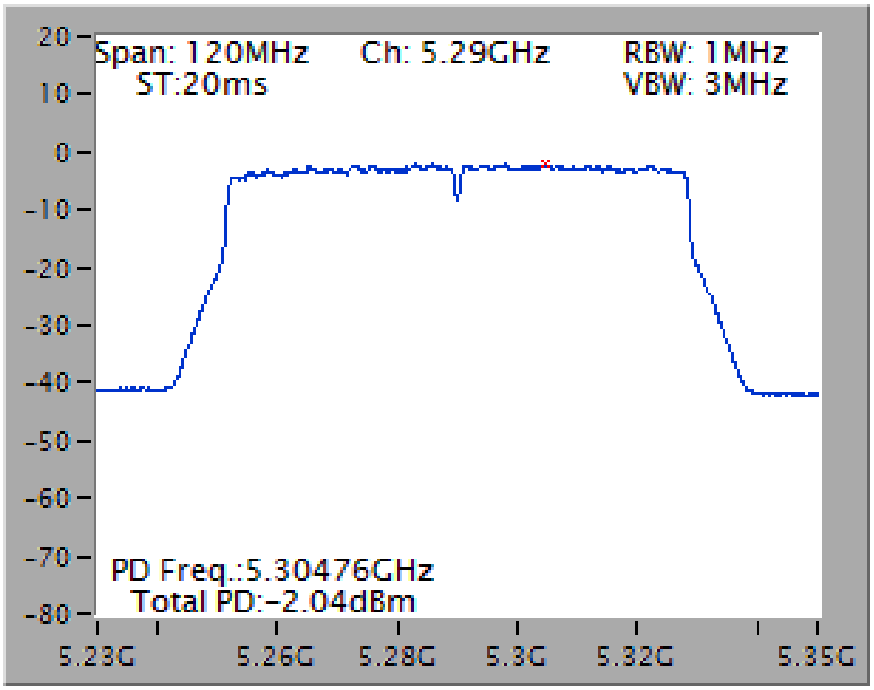


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

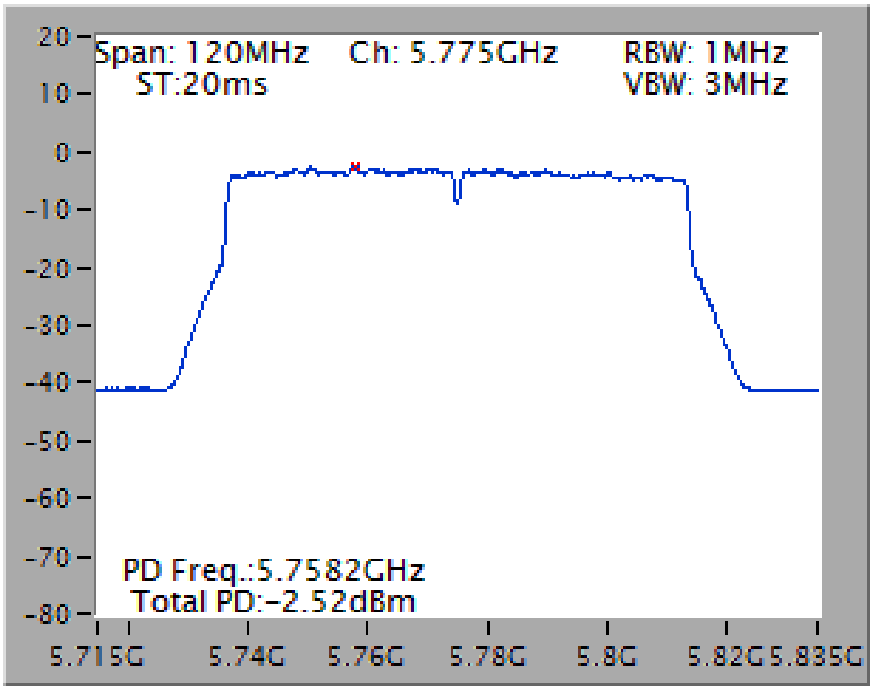


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

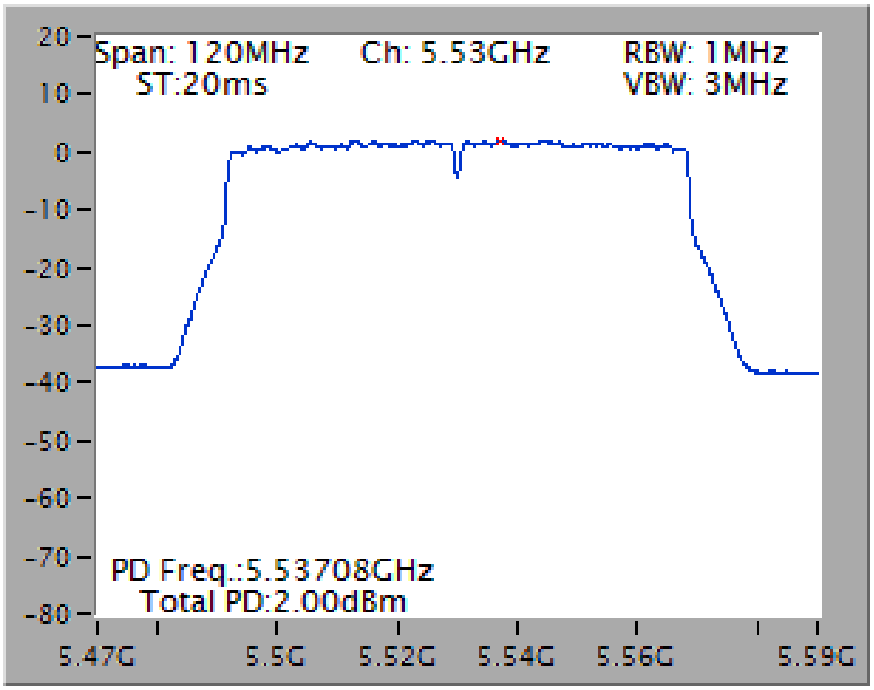


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

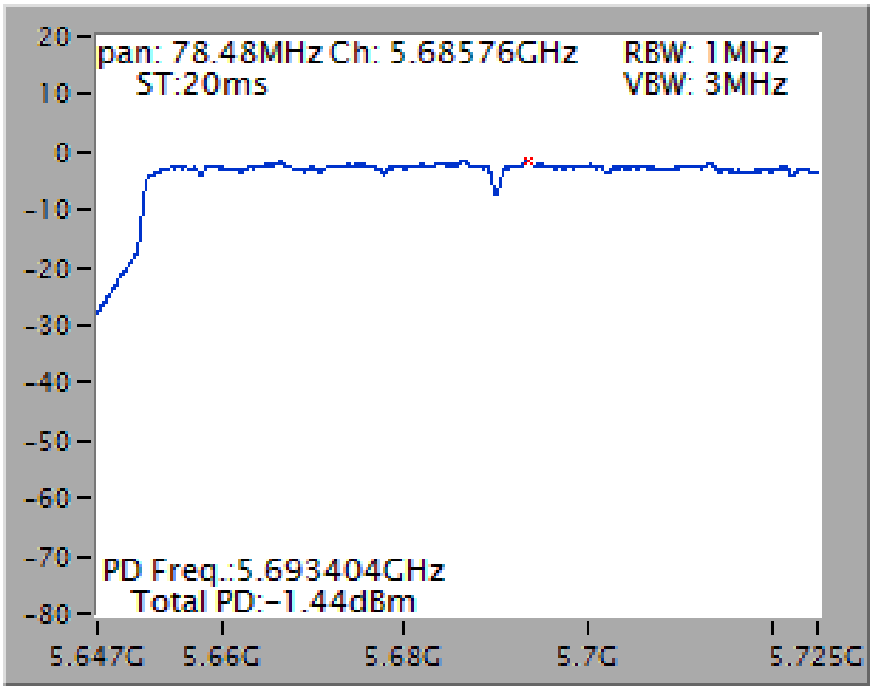


Type 8

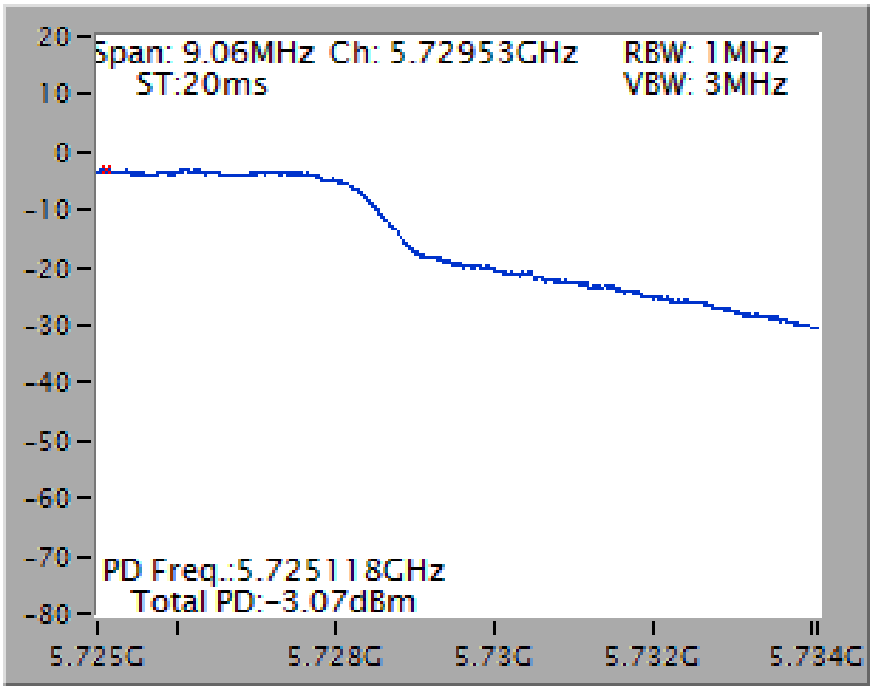
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

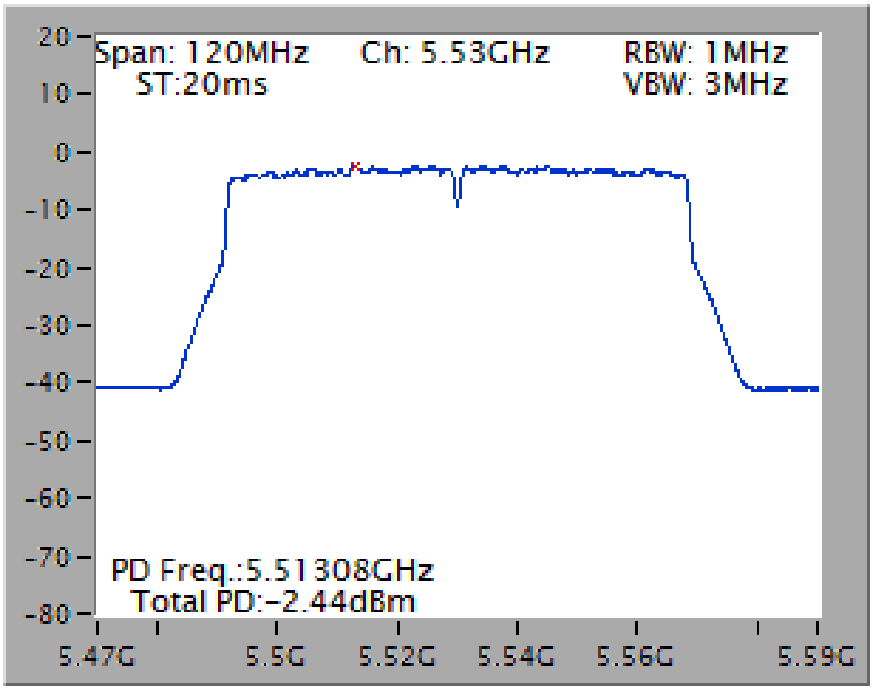


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

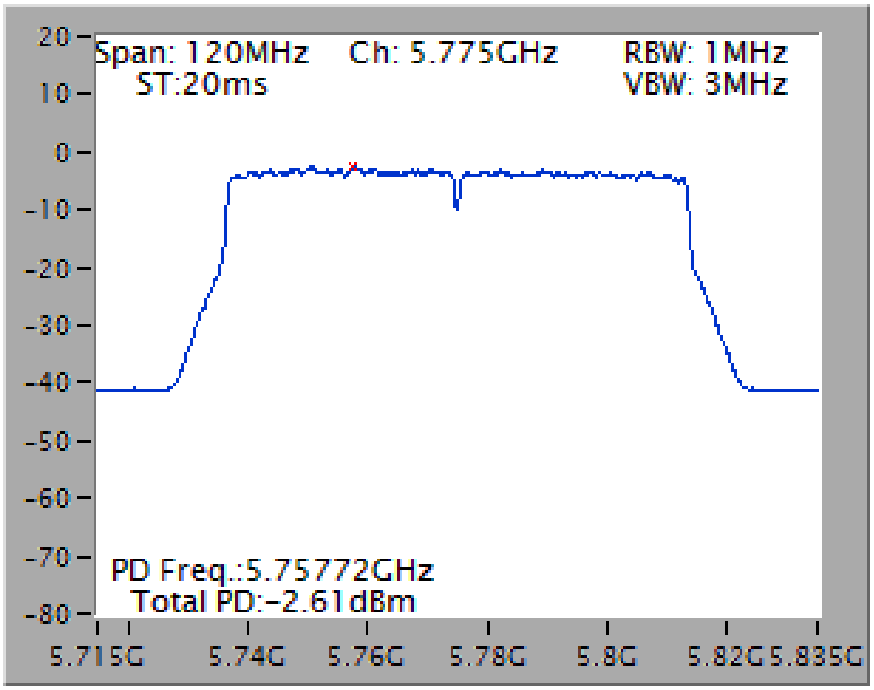


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

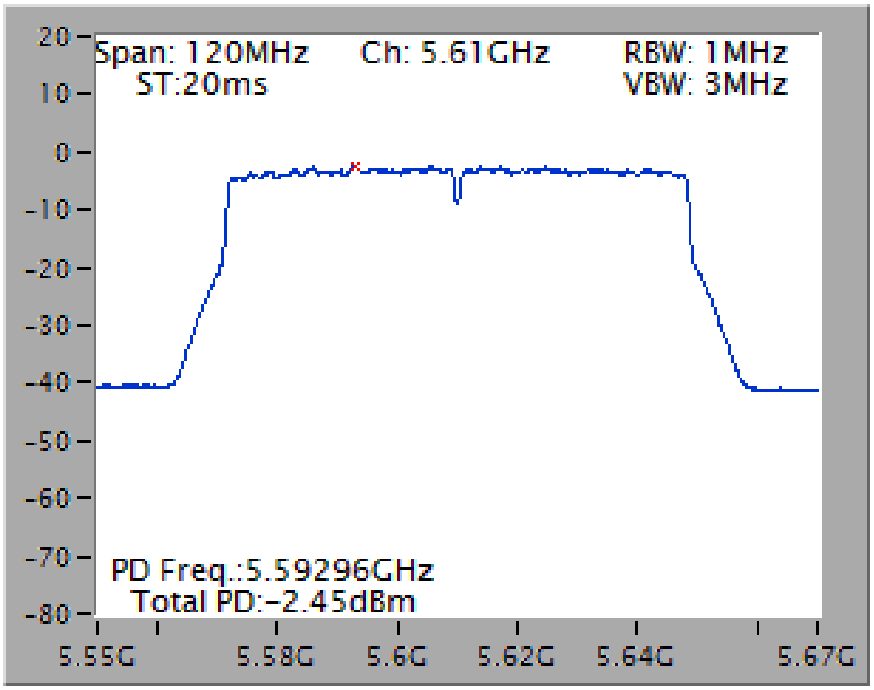


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

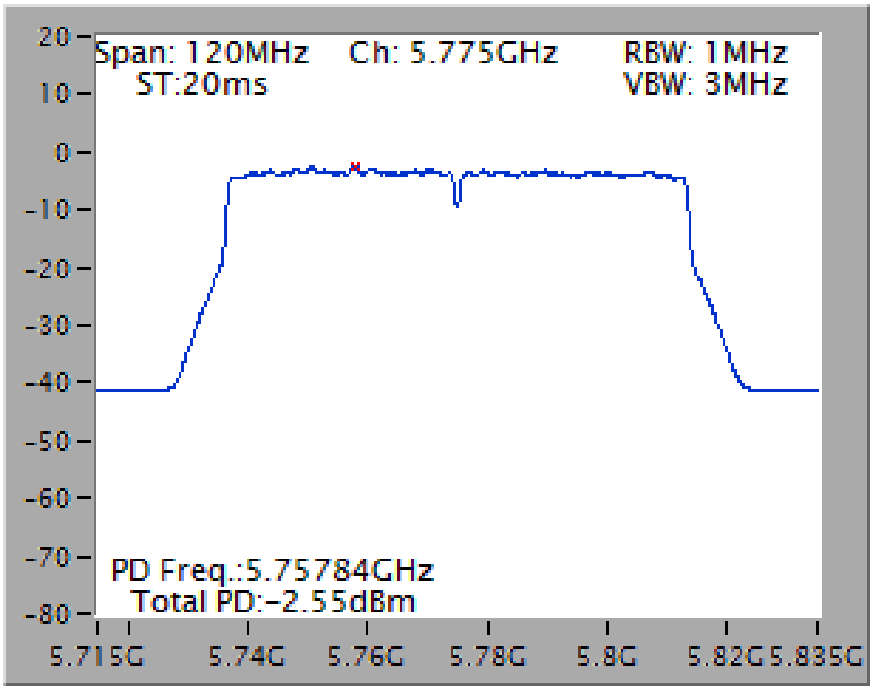


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

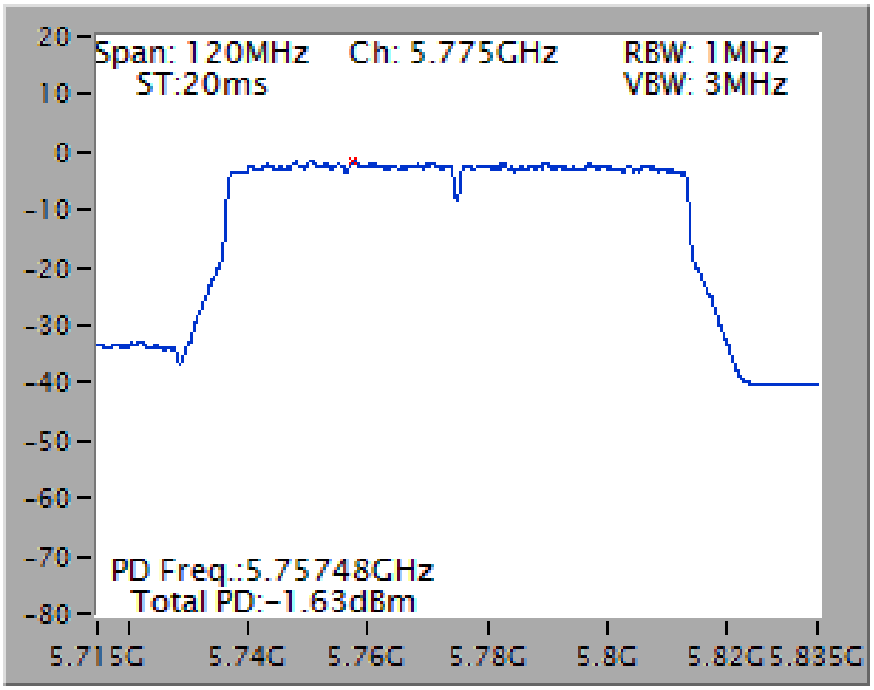


Power Density Plot on Chain 3 + Chain 4 / 5755 MHz

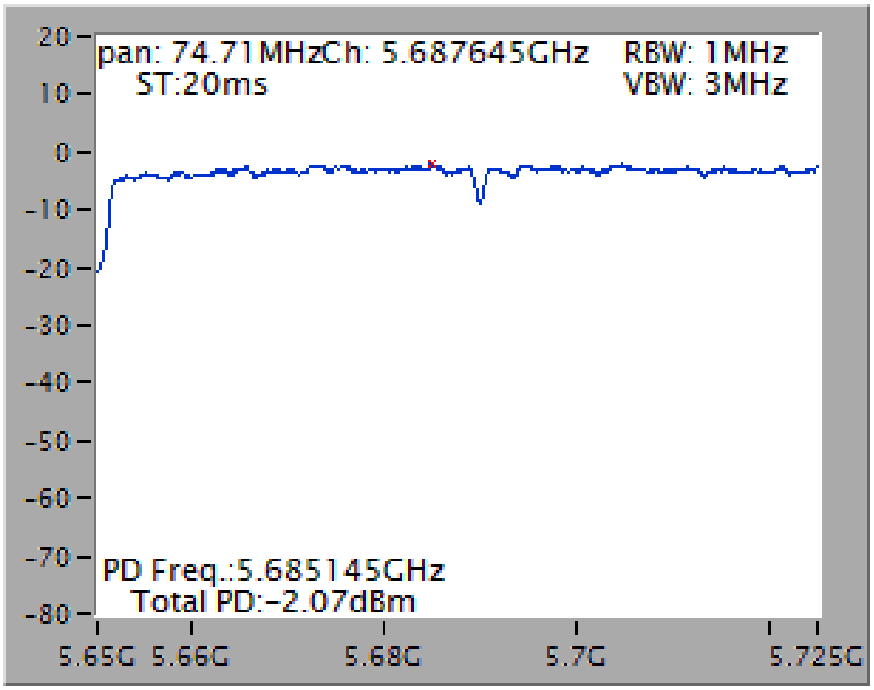


Type 11

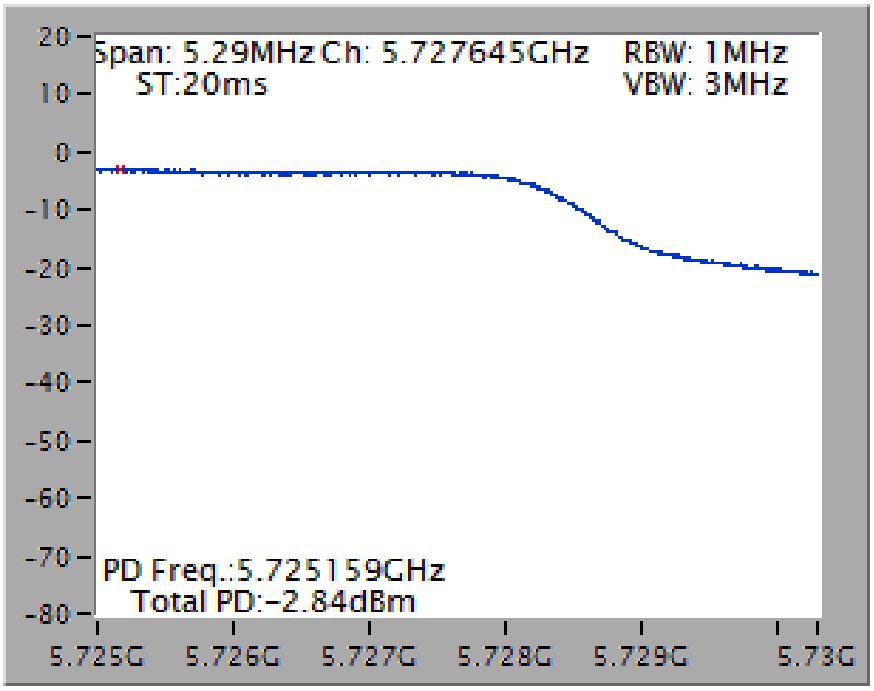
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

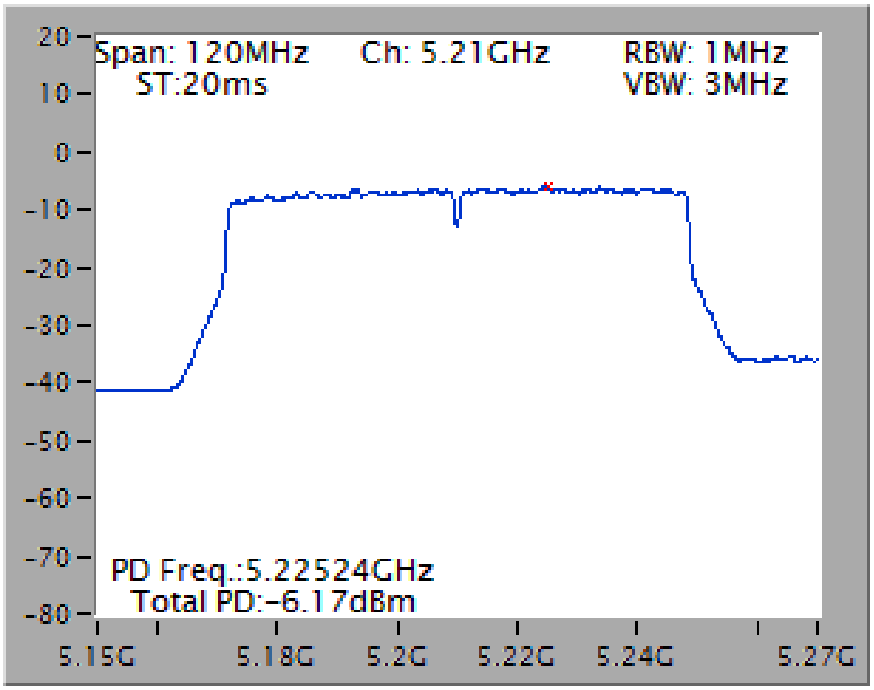


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

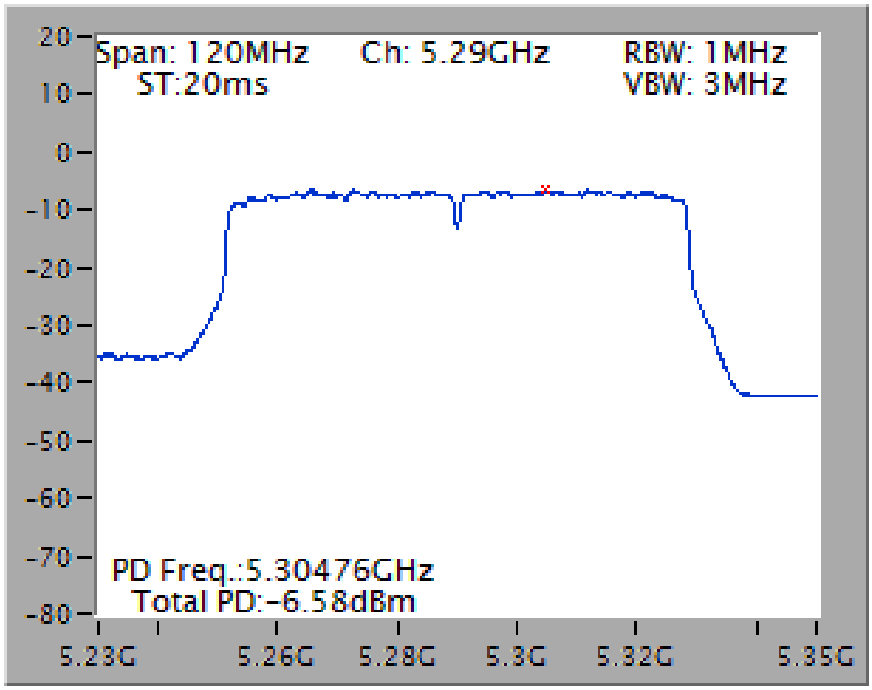


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

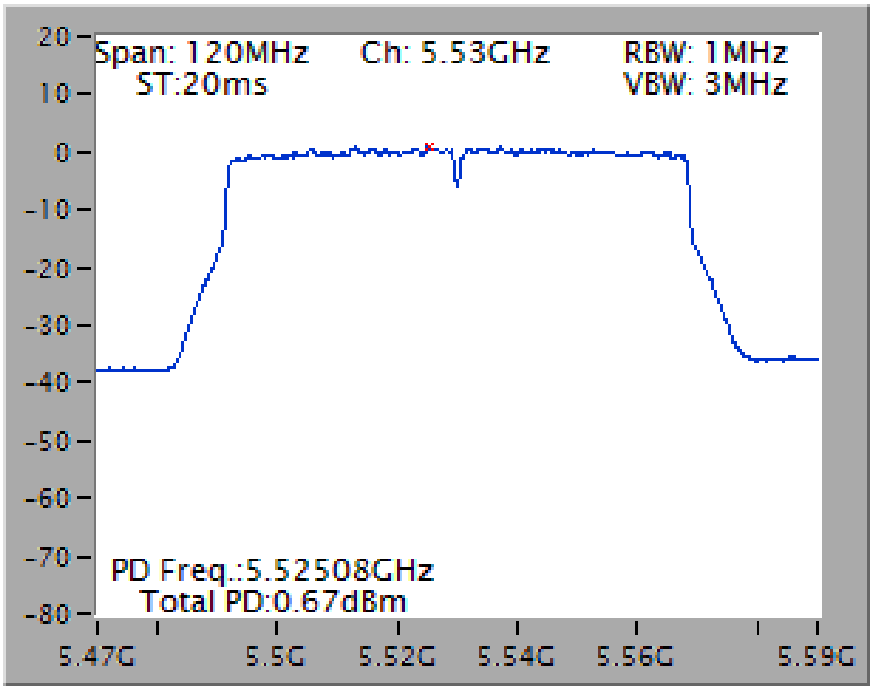


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

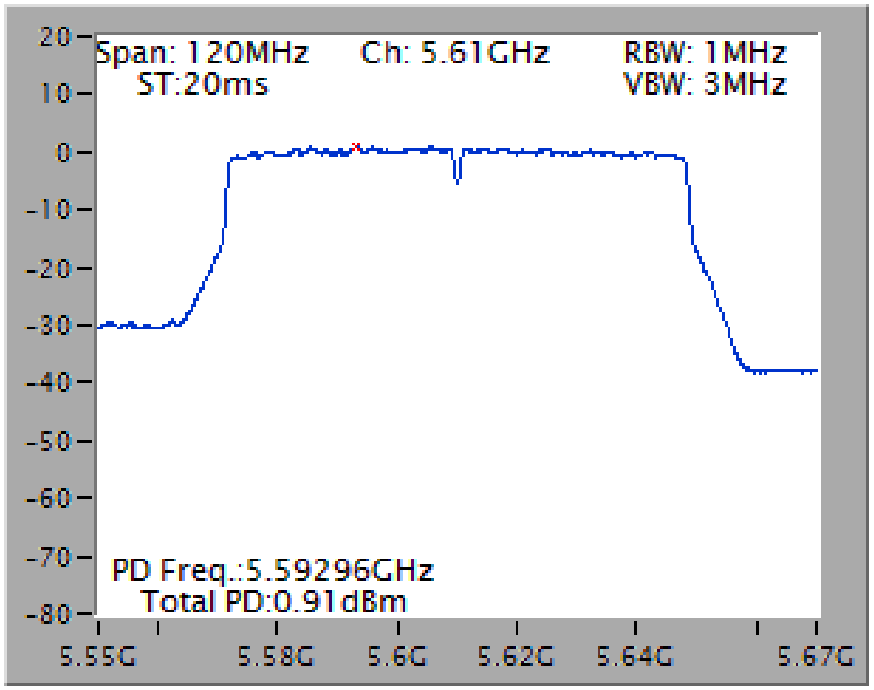


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

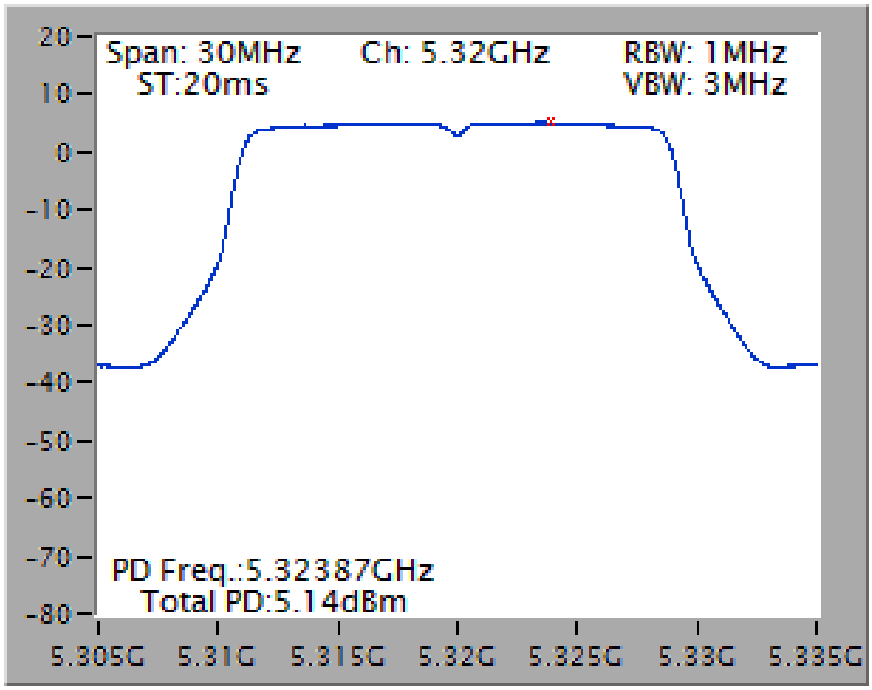


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

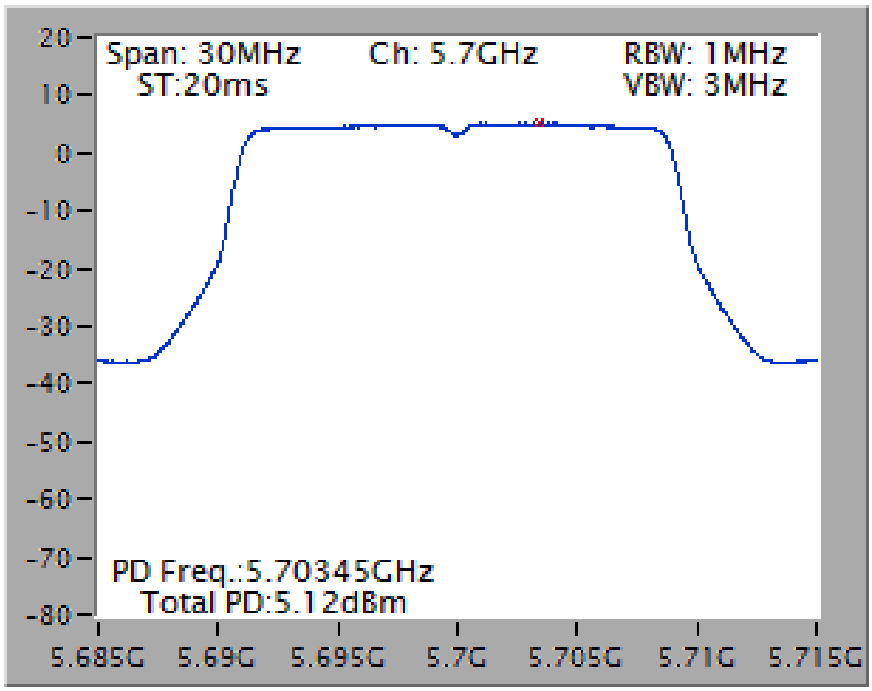


For Mode 2:

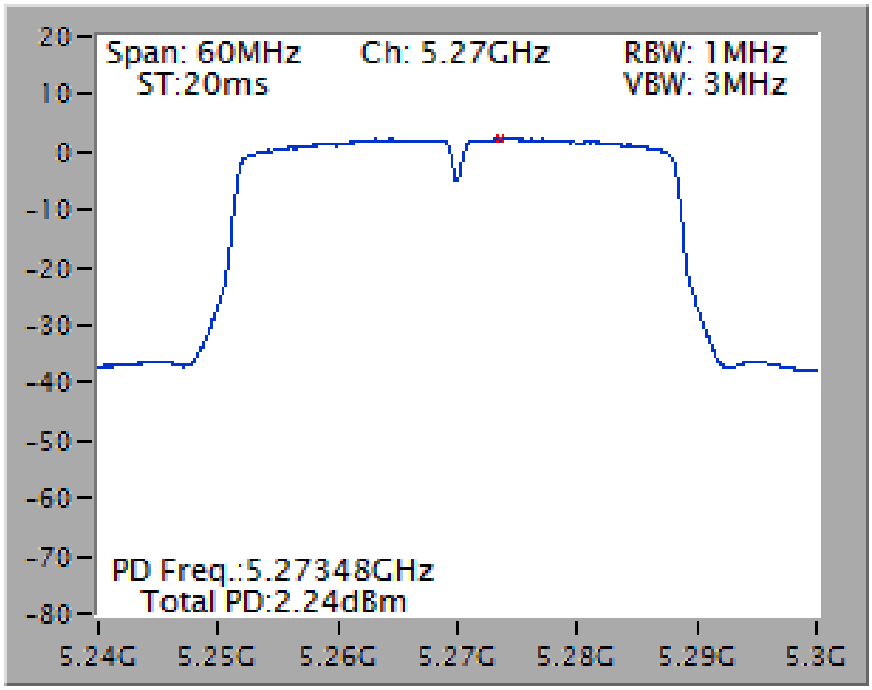
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



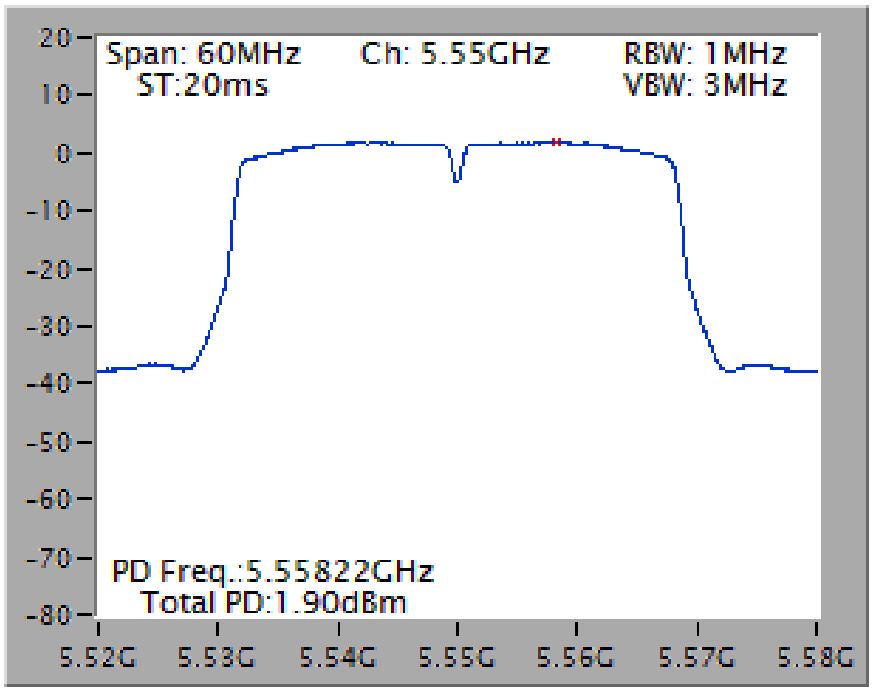
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5700 MHz



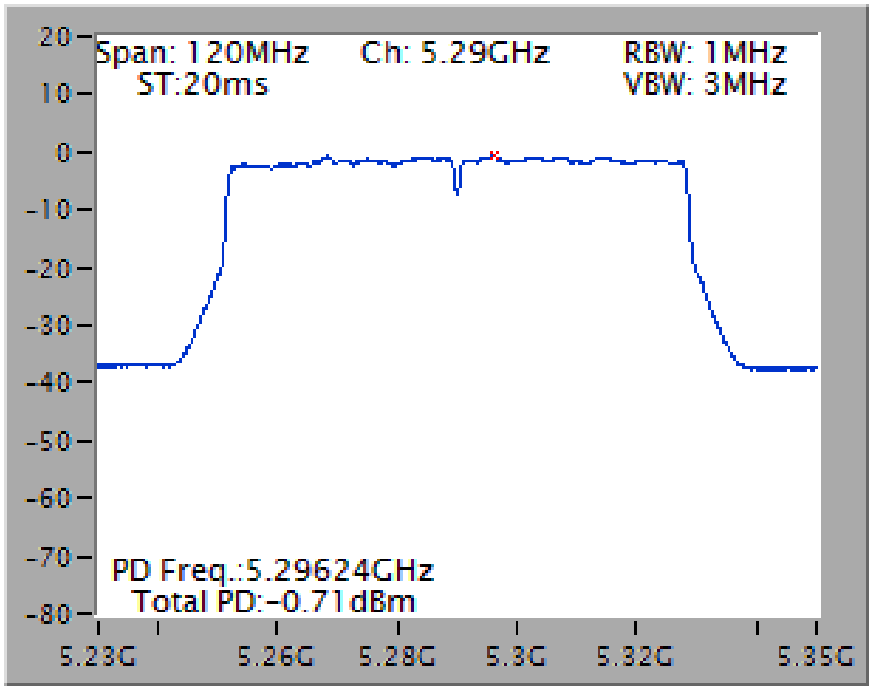
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



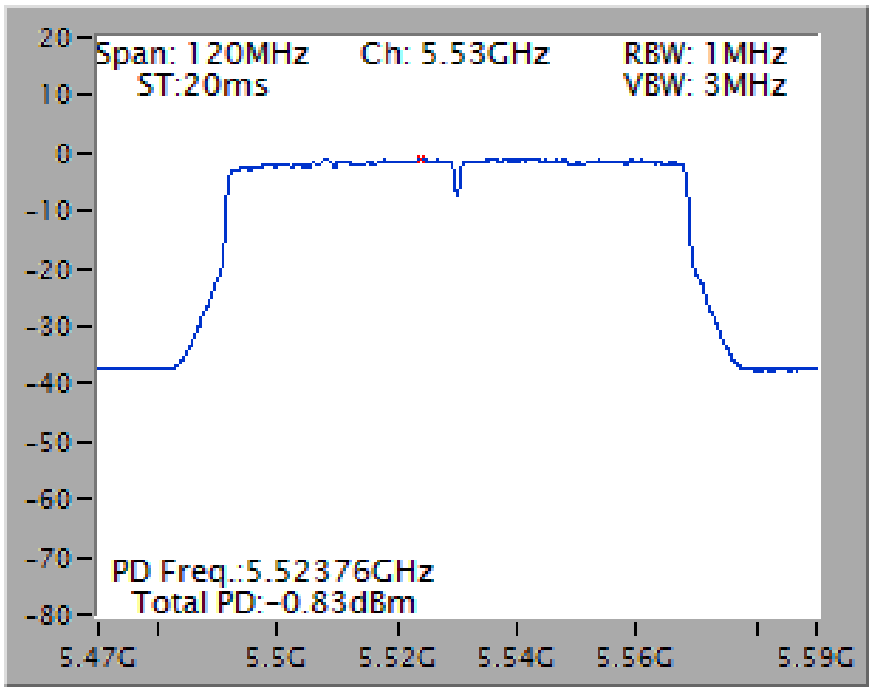
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



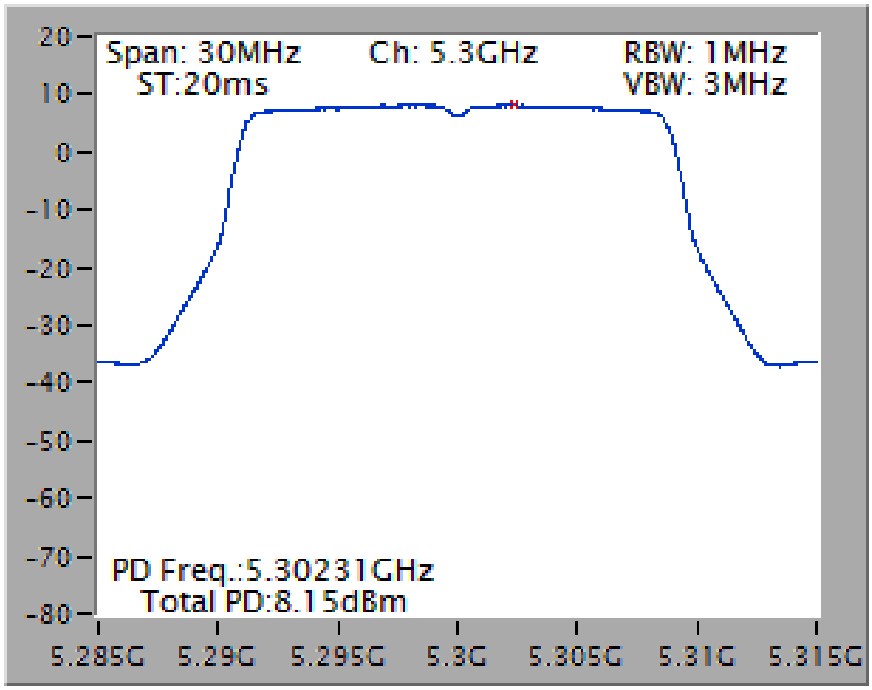
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



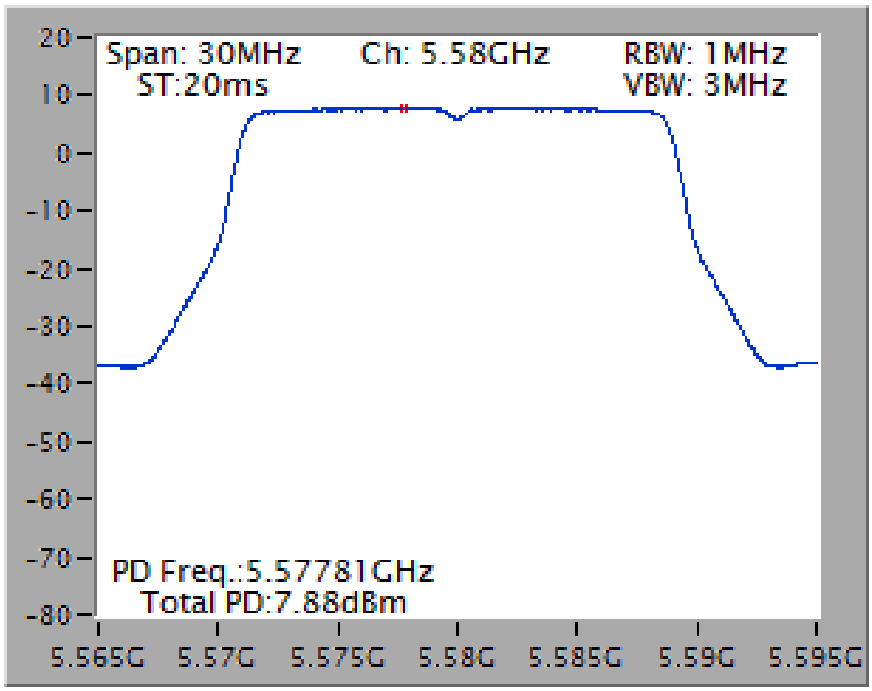
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



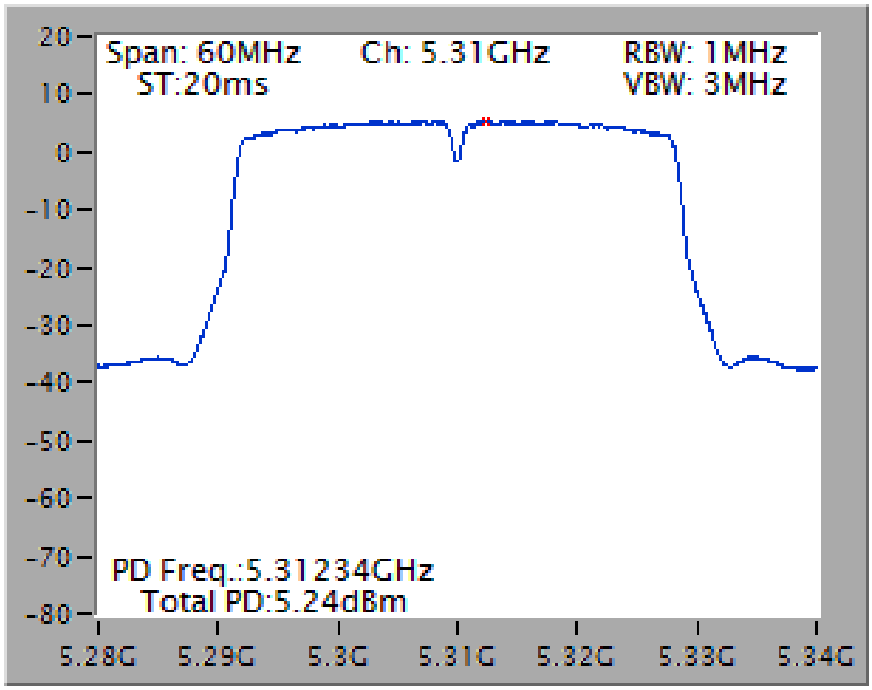
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



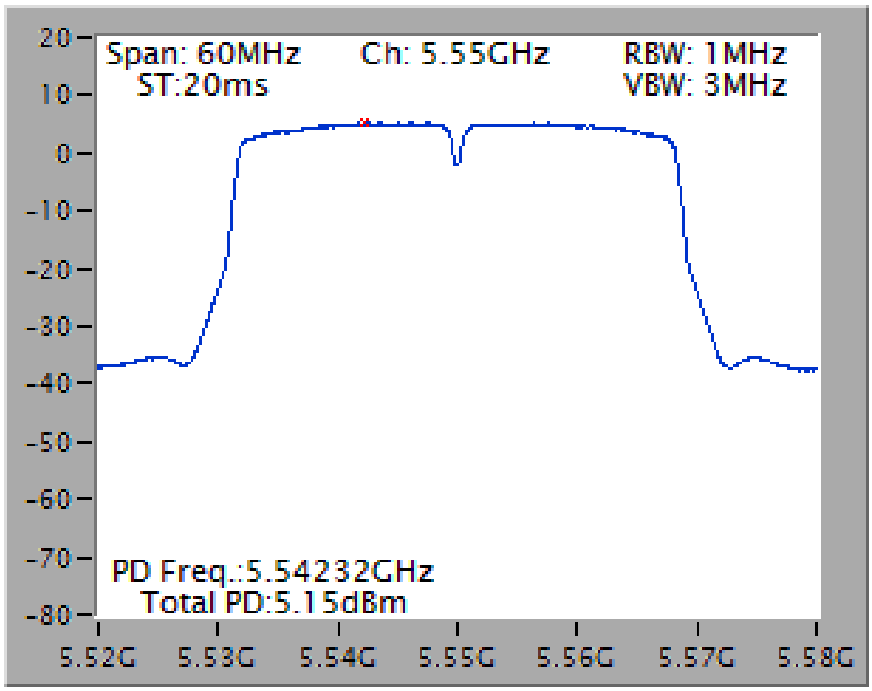
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



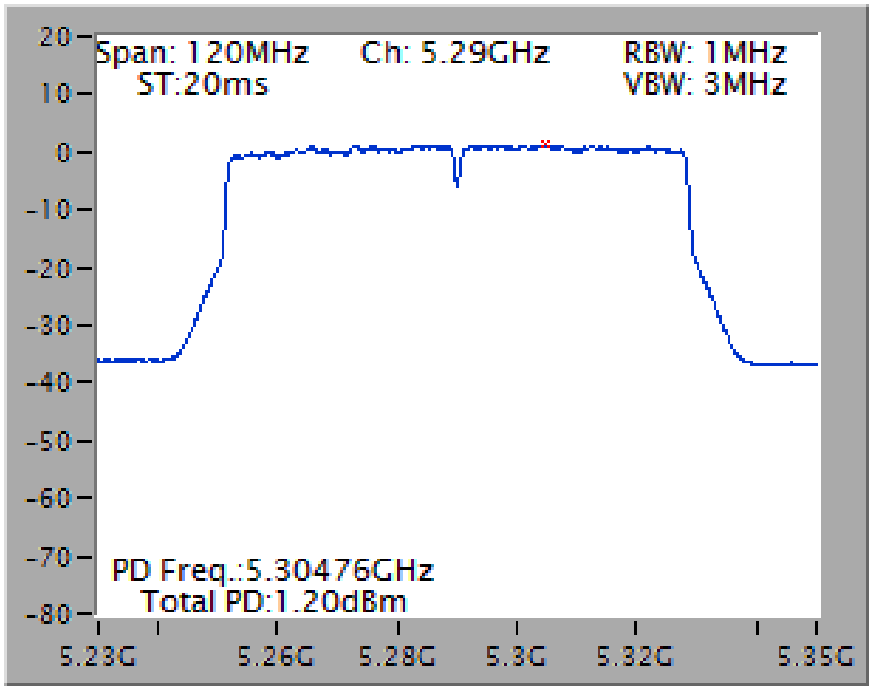
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



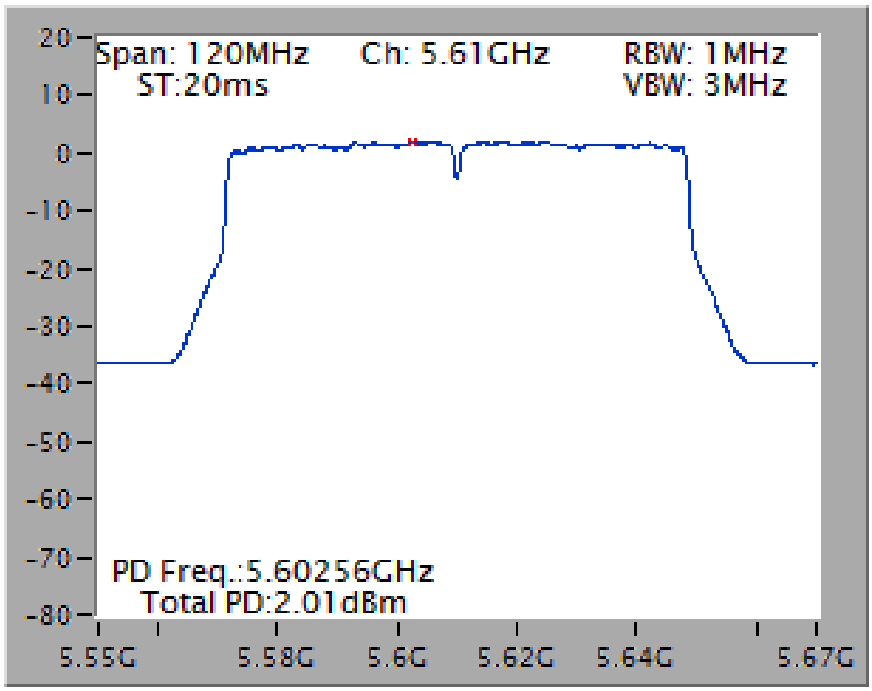
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



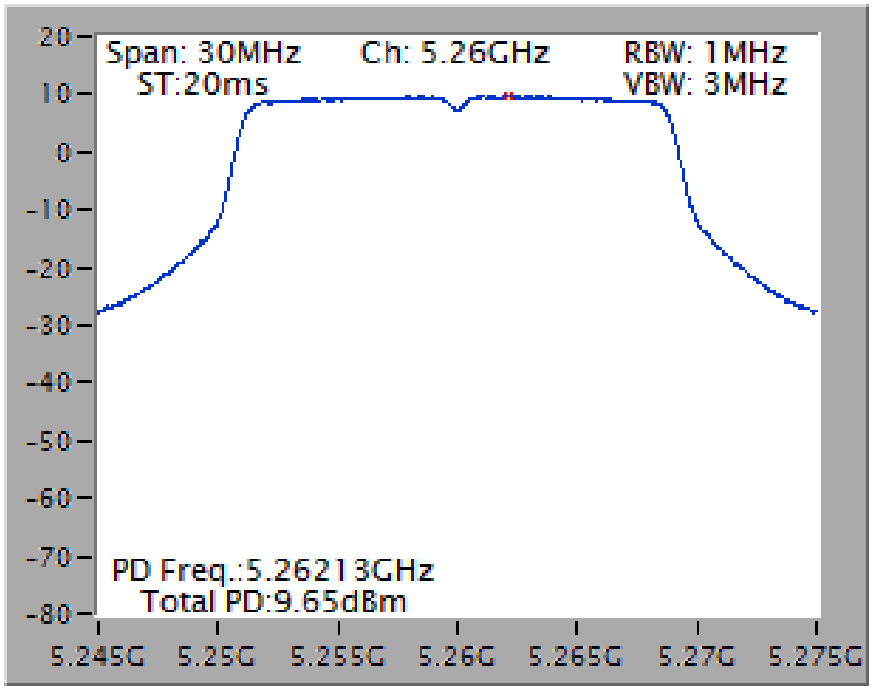
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



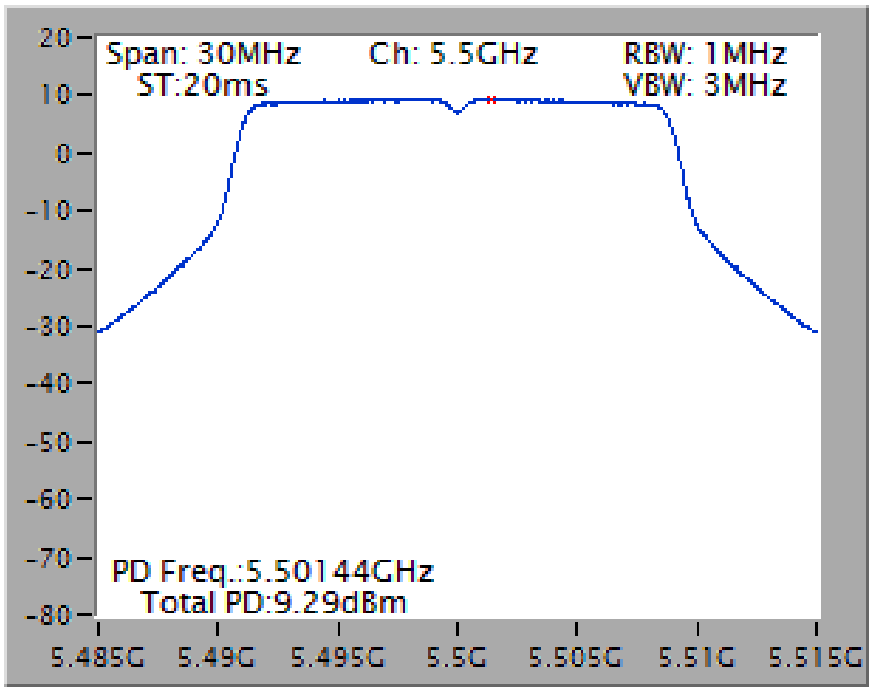
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz



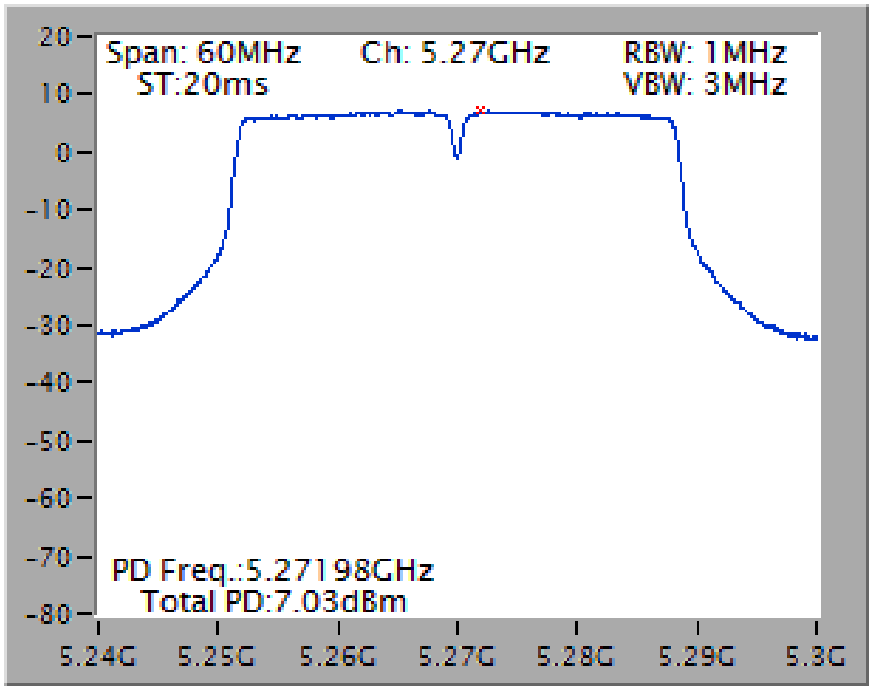
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



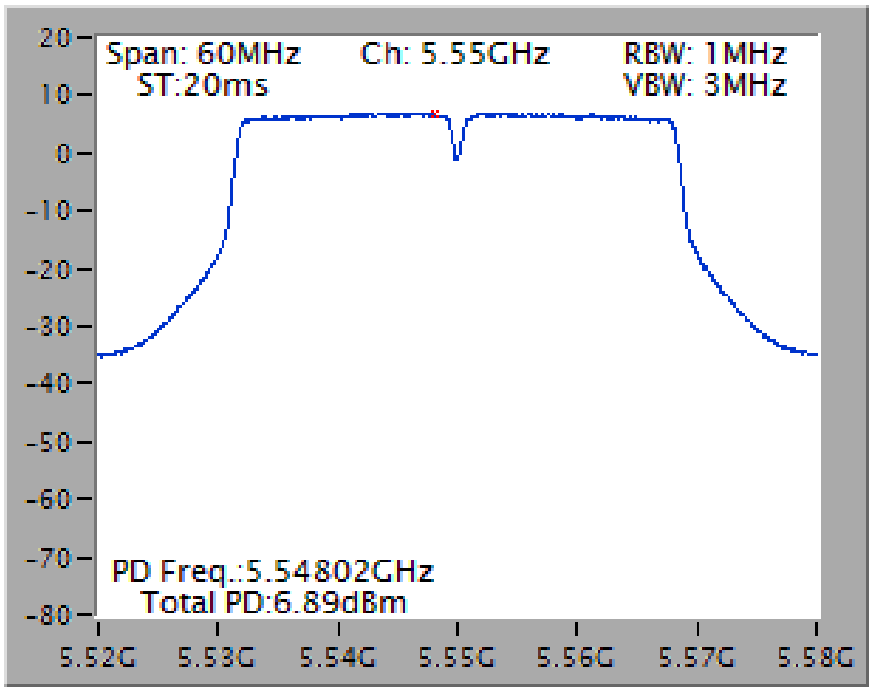
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



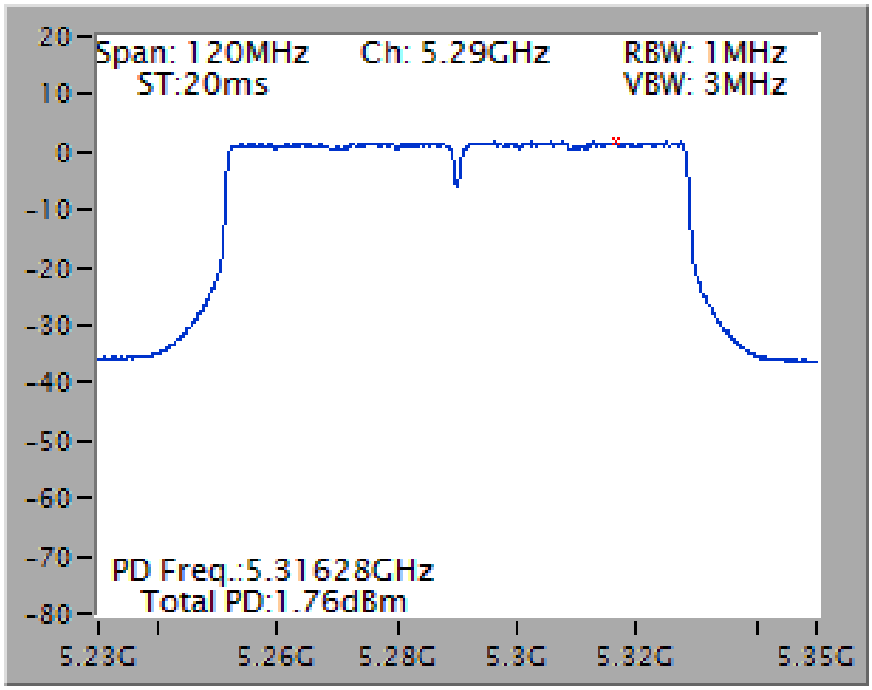
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



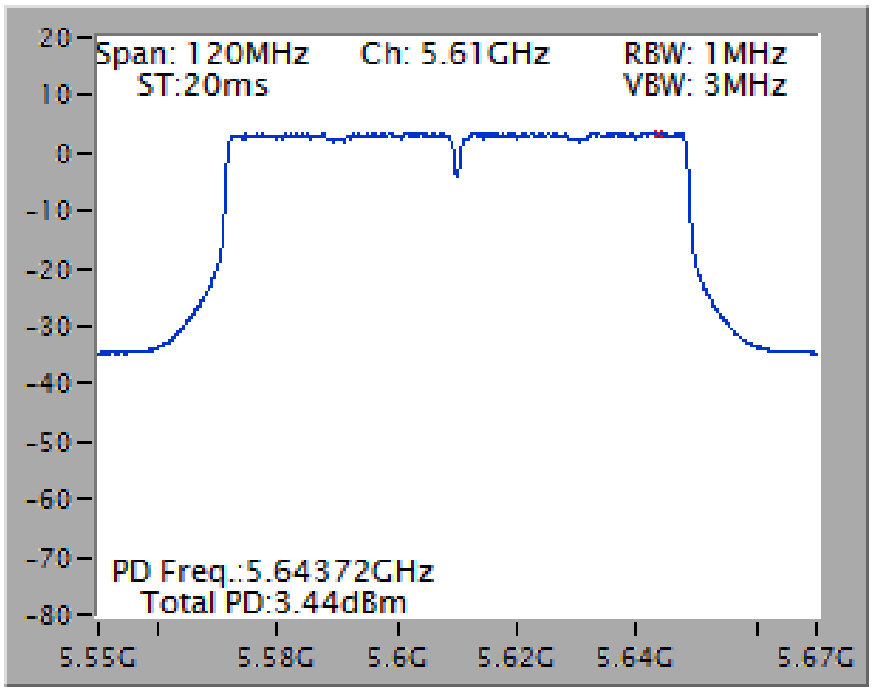
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

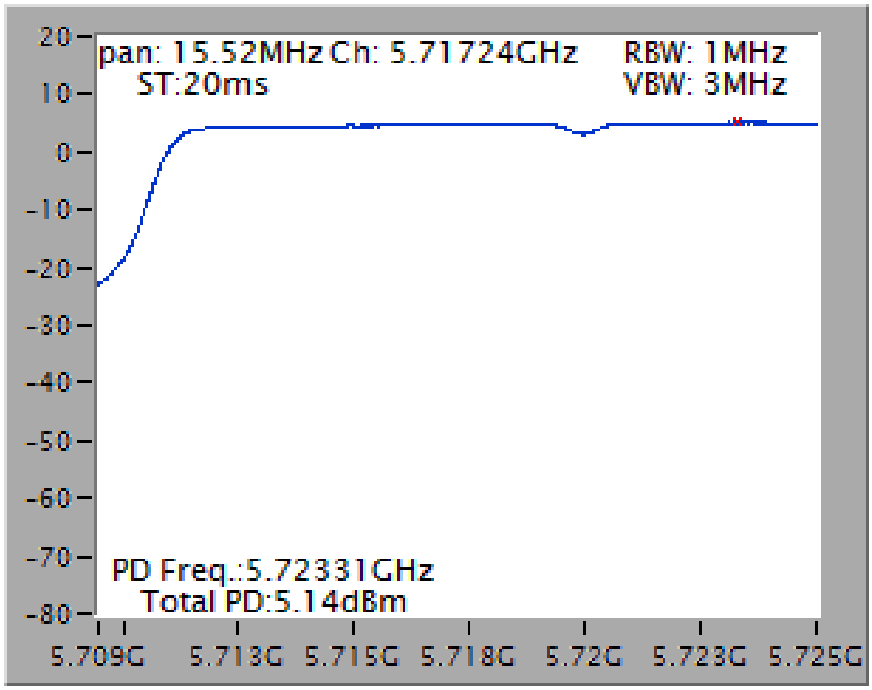


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

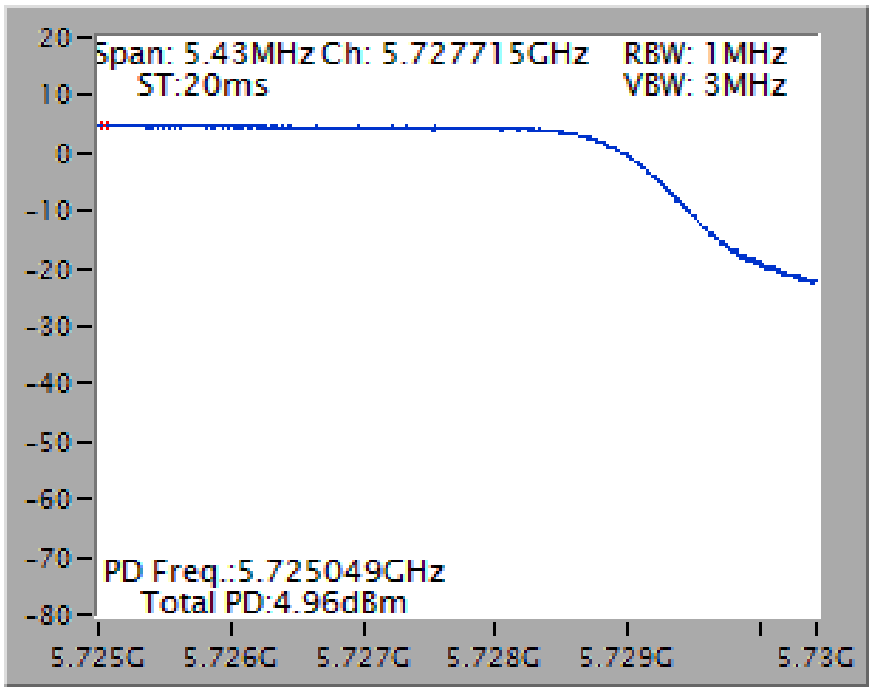


Straddle Channel

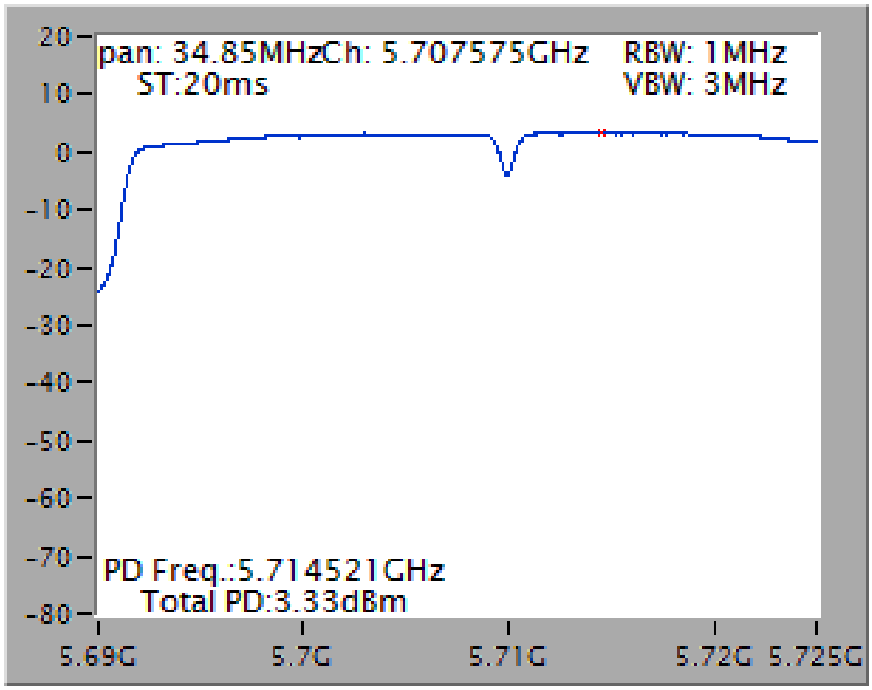
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



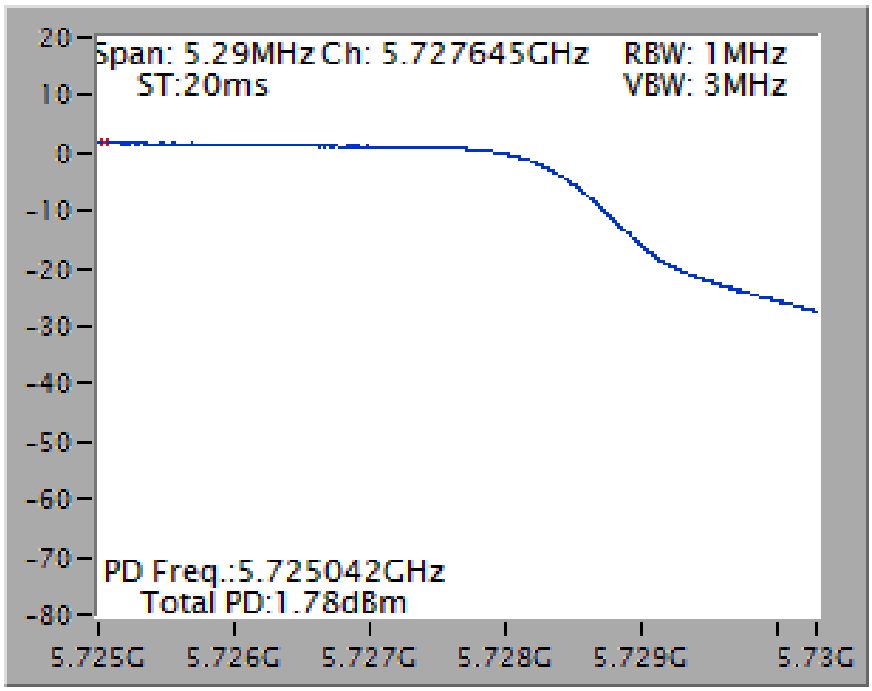
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



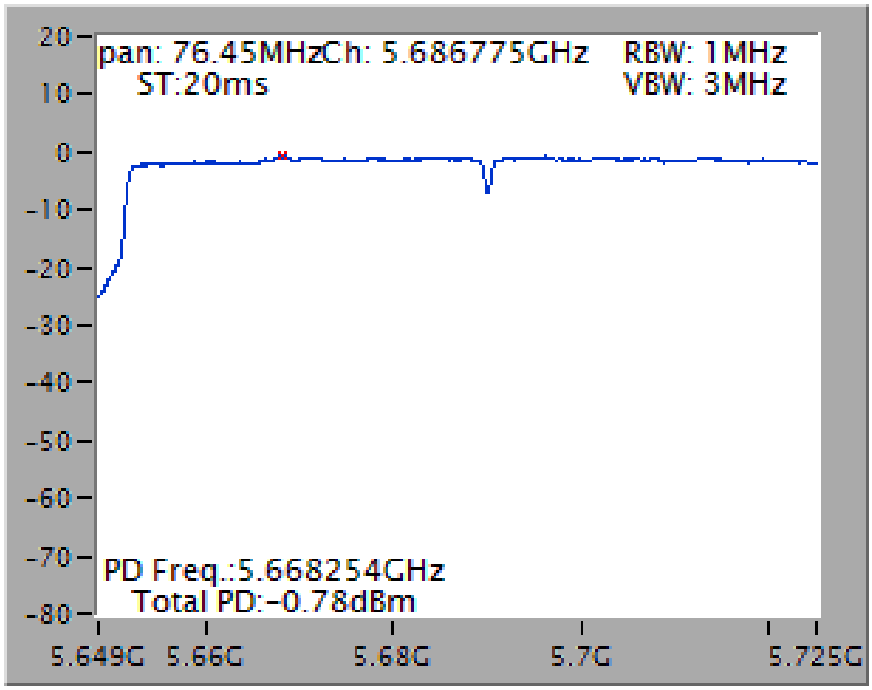
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



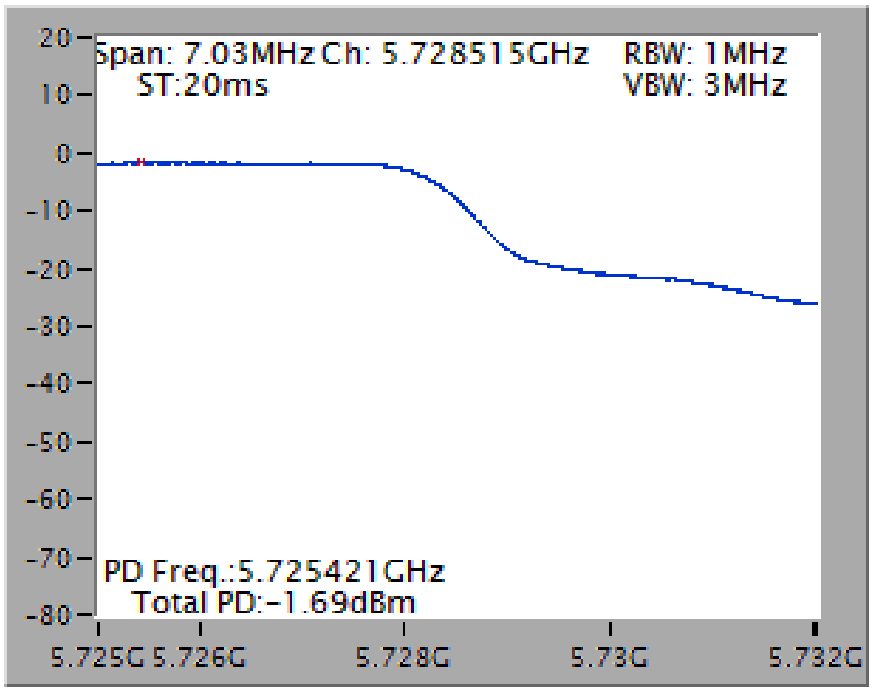
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



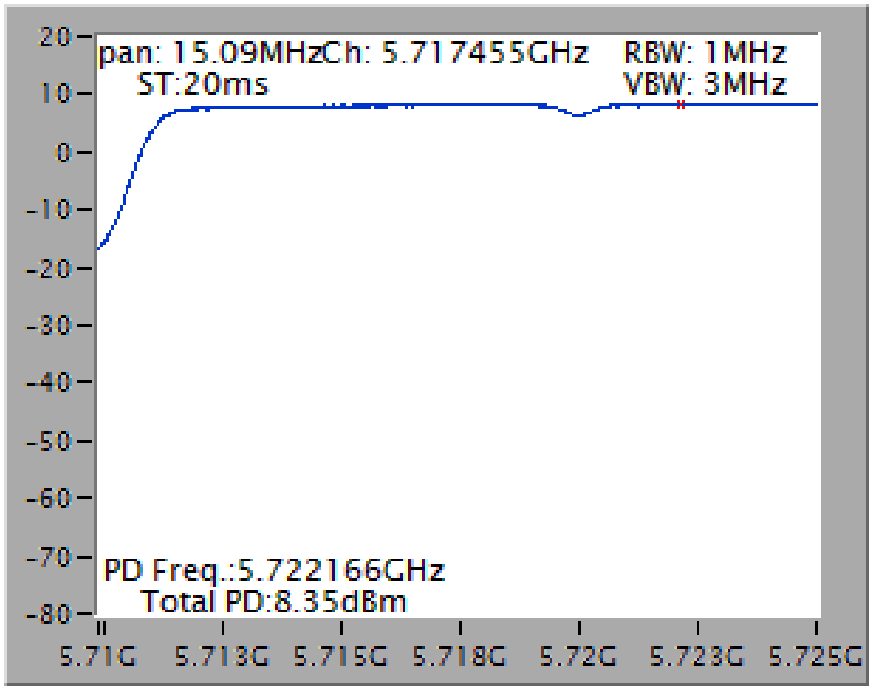
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



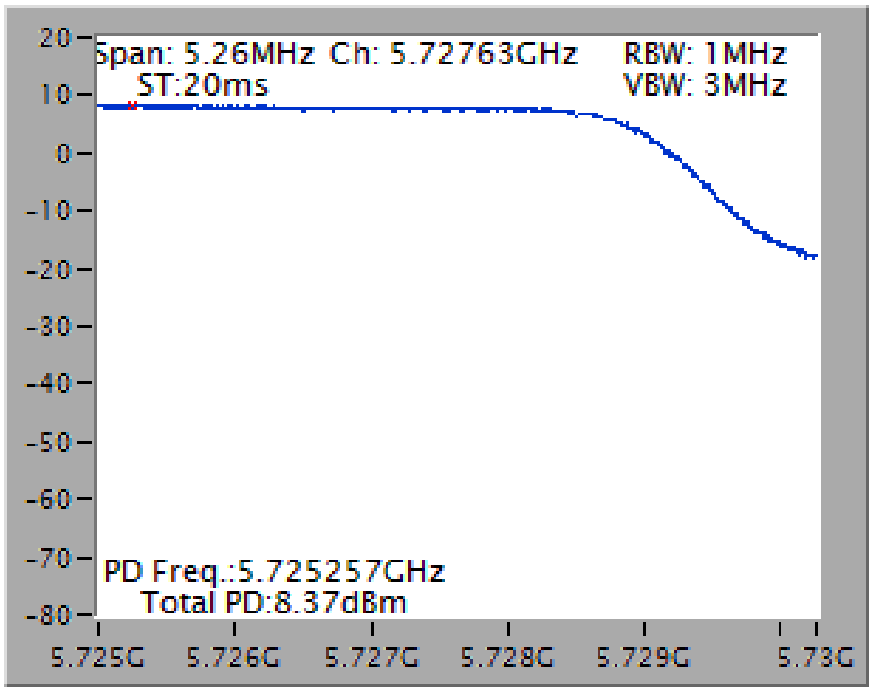
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



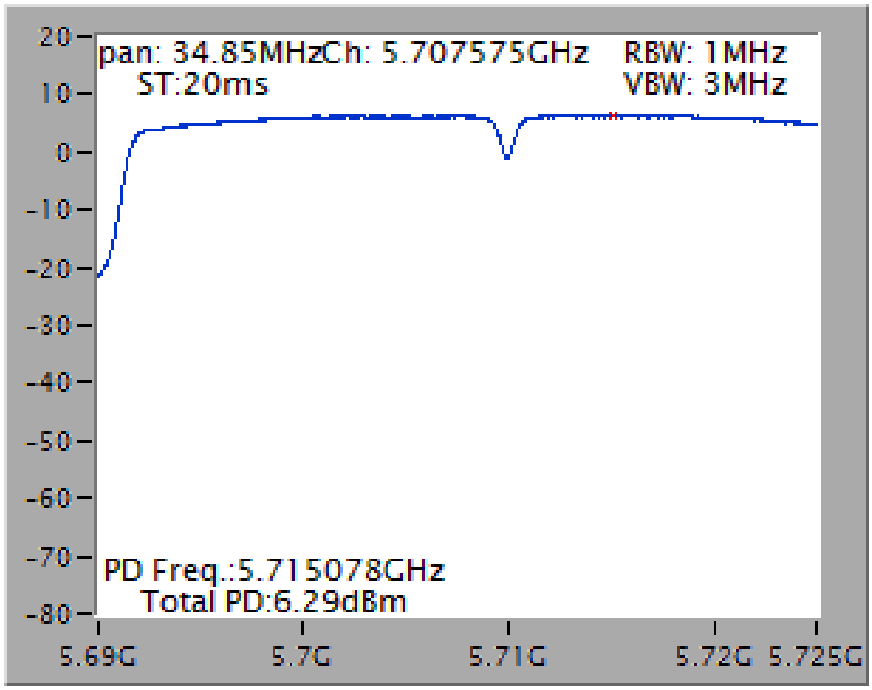
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



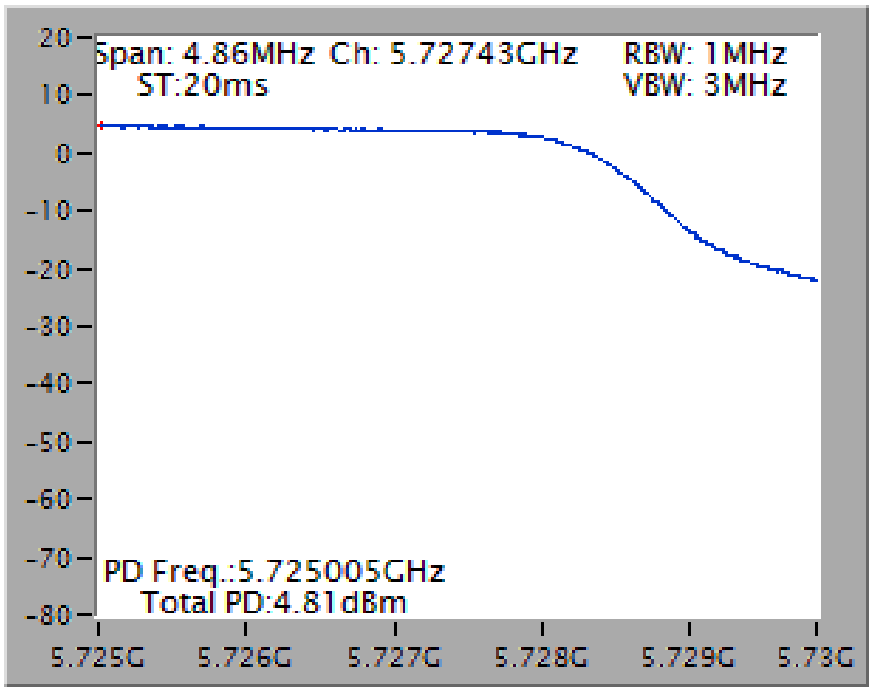
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



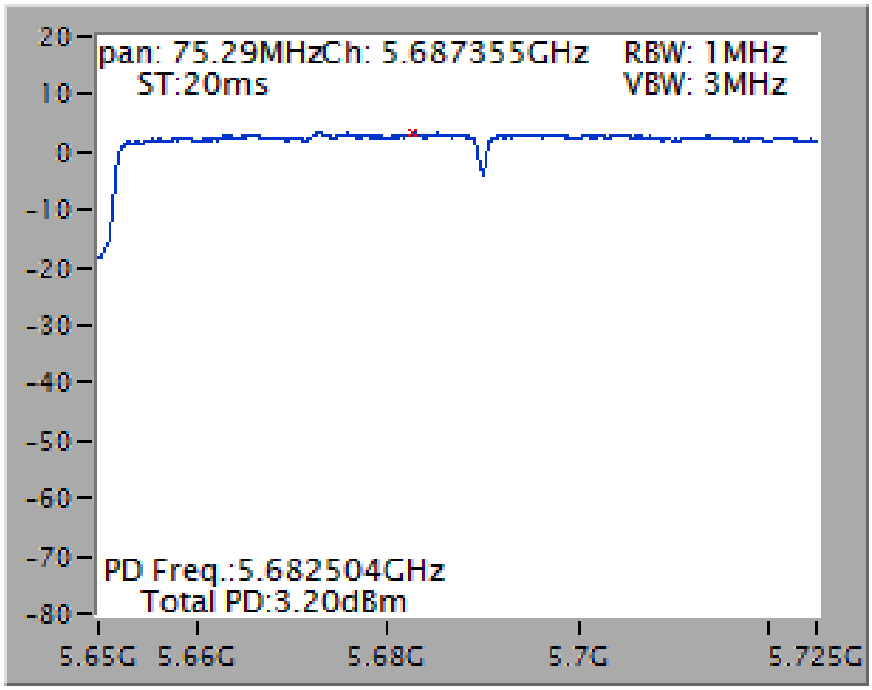
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



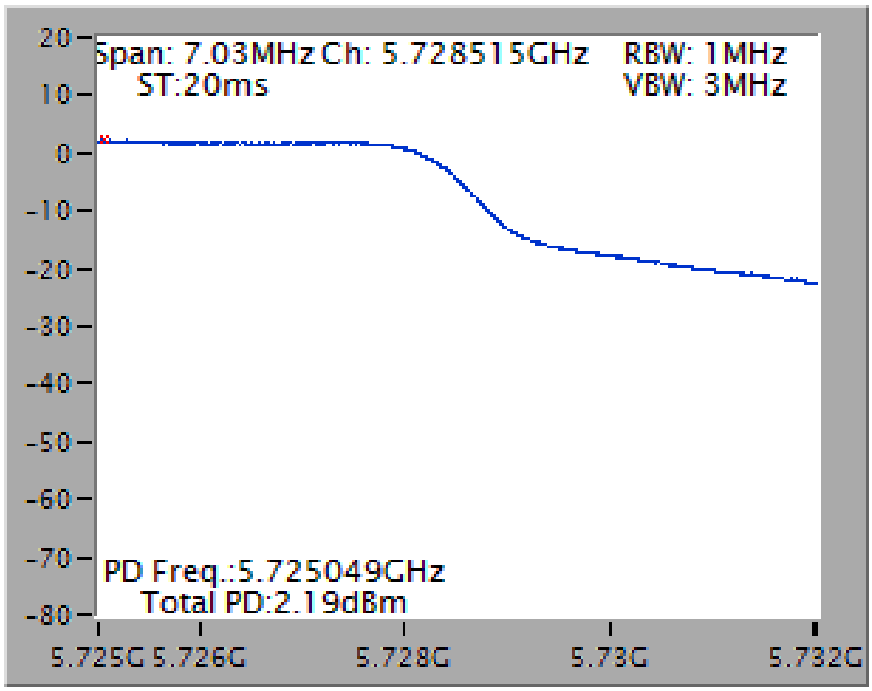
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



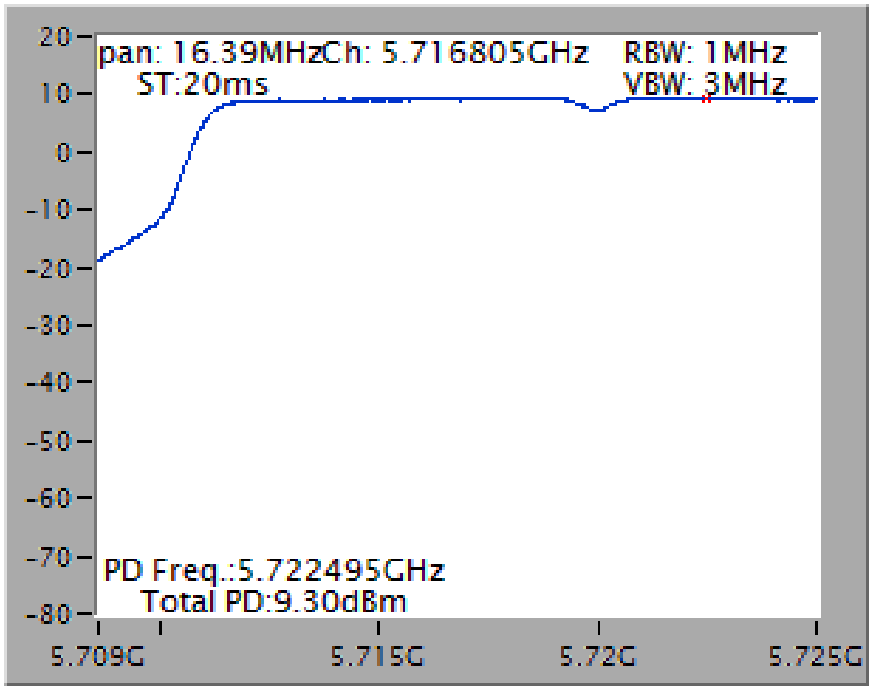
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



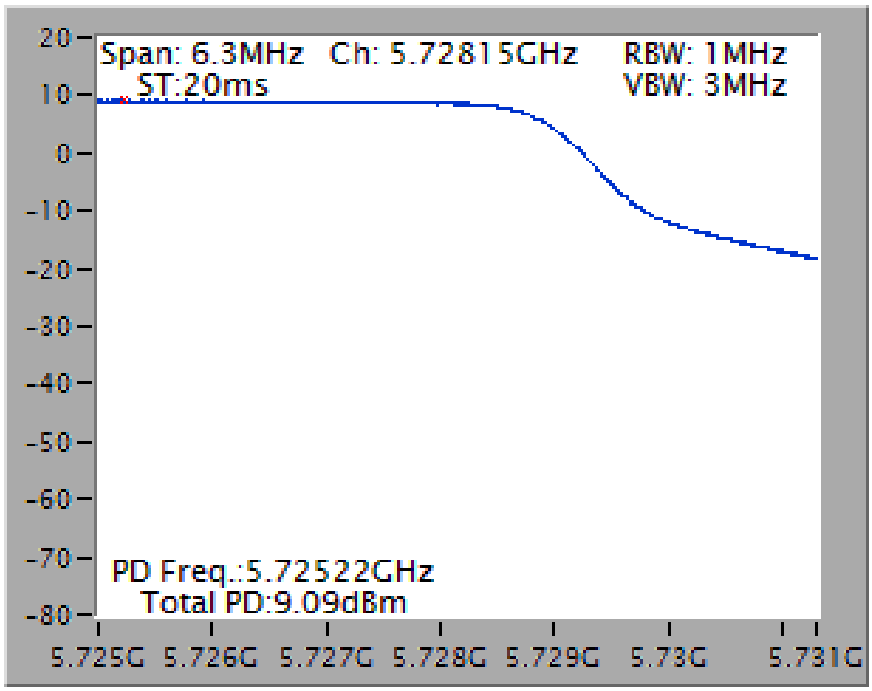
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



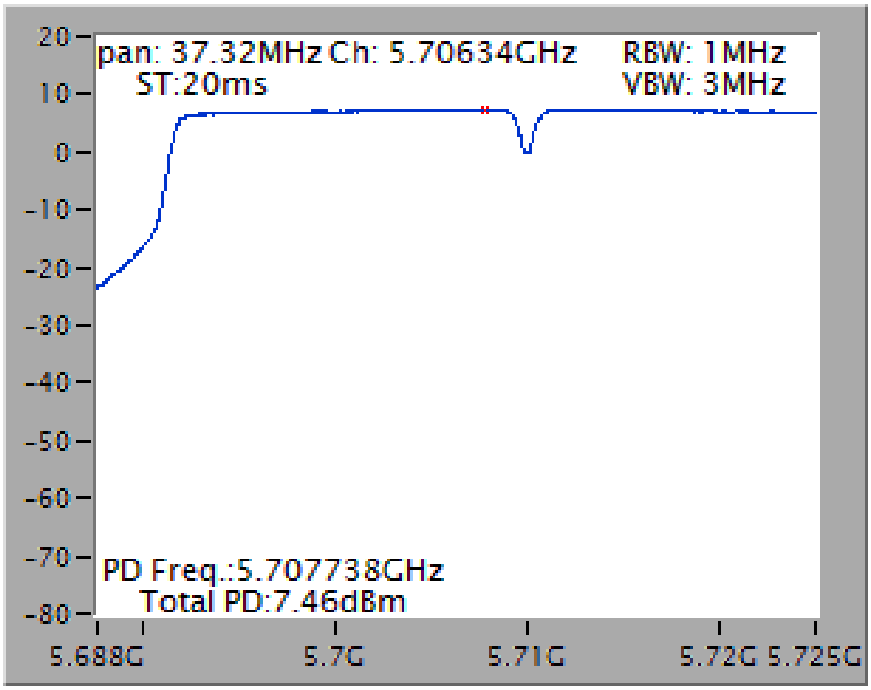
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



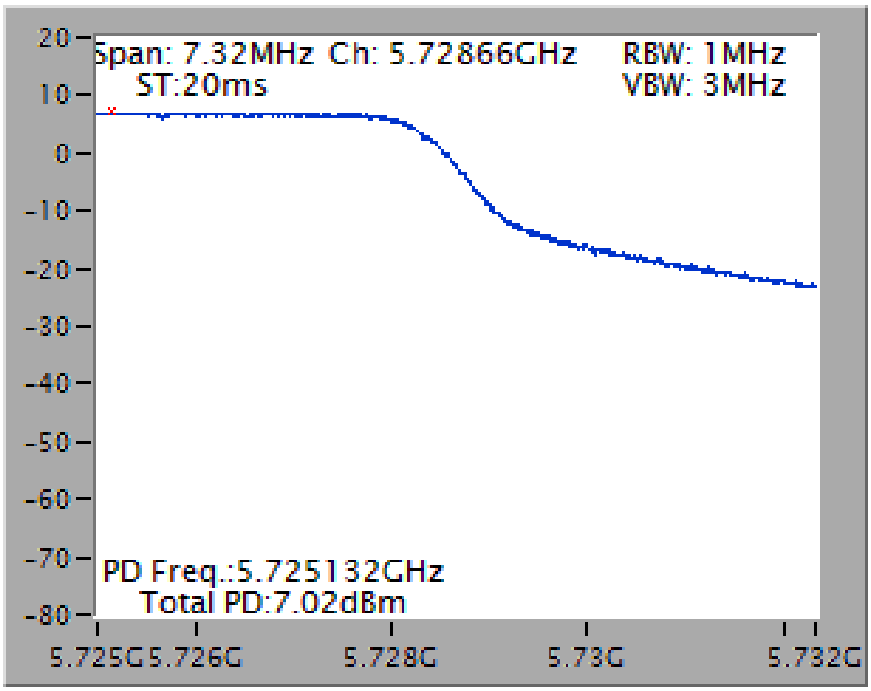
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



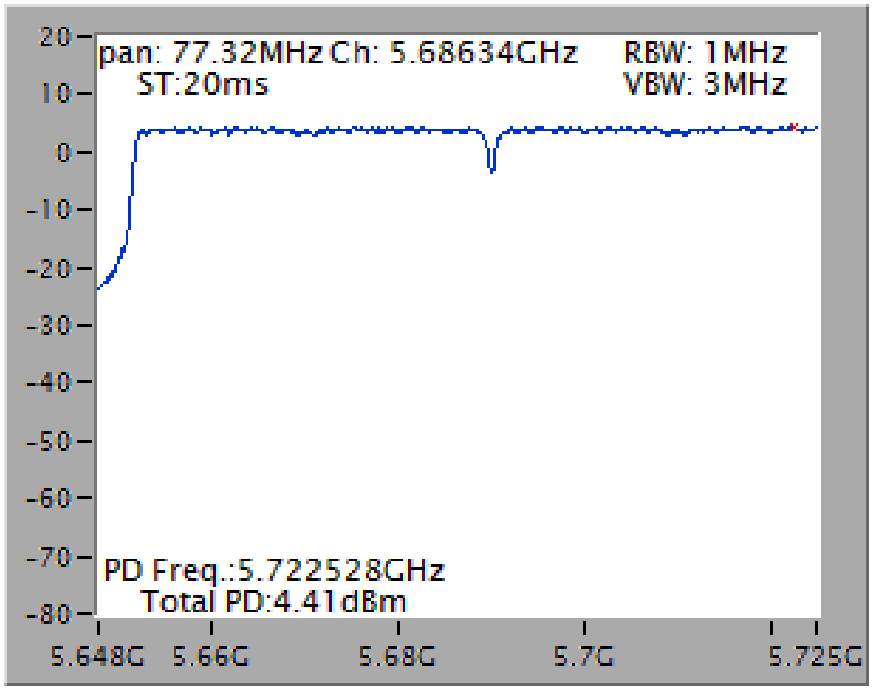
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



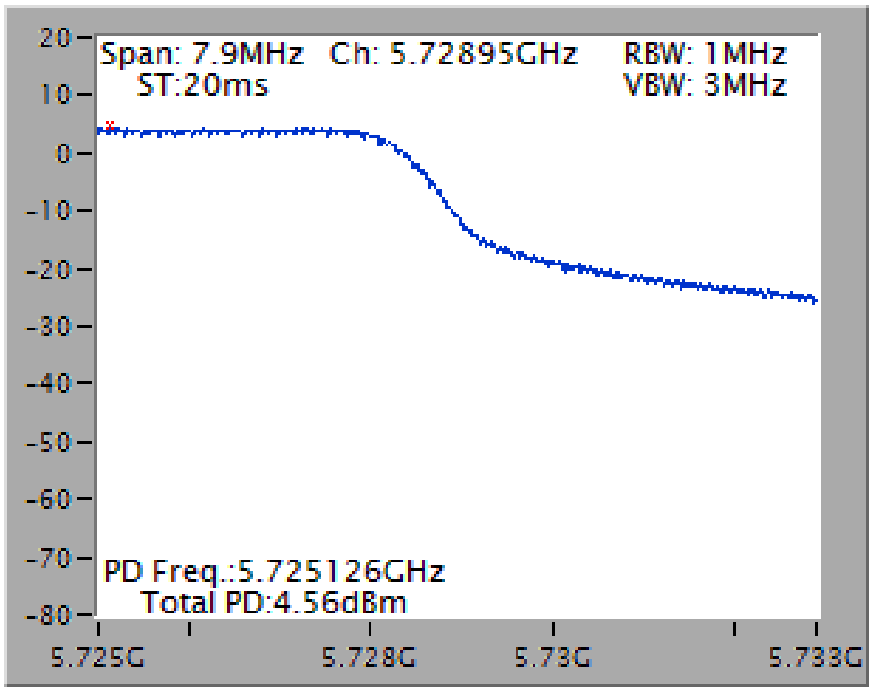
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

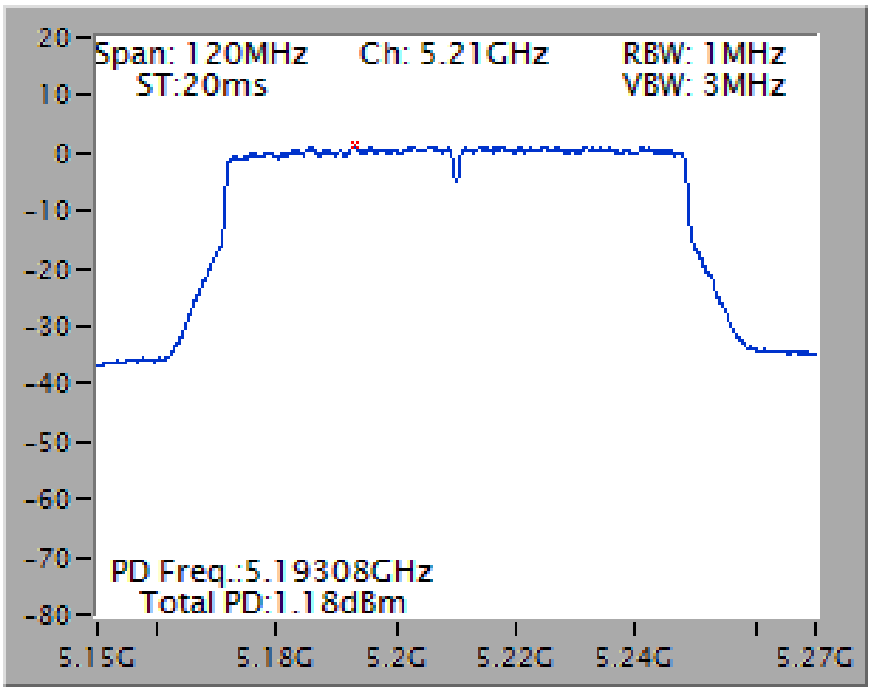


802.11ac MCS0/Nss2 VHT80+80

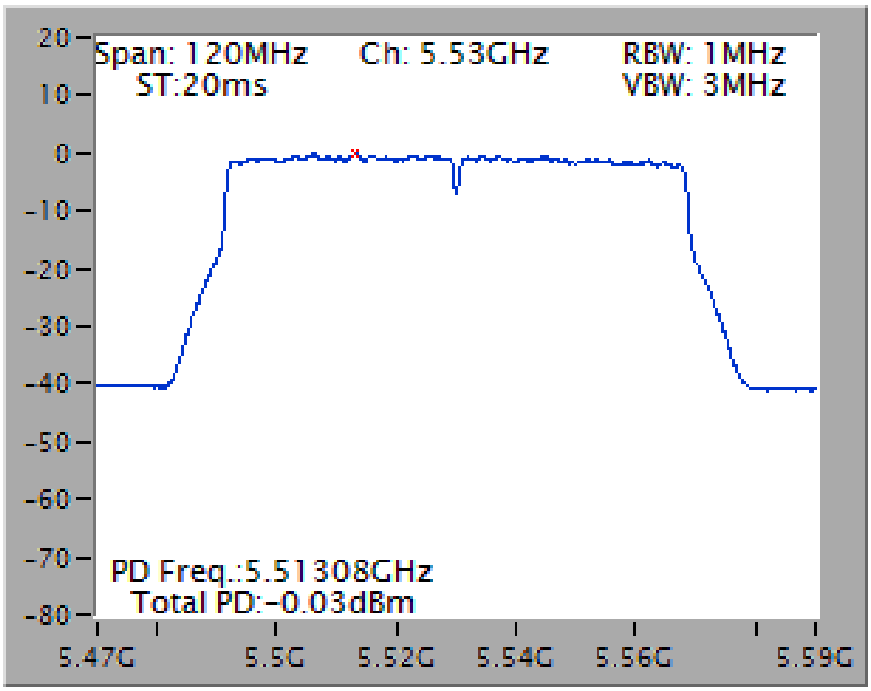
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

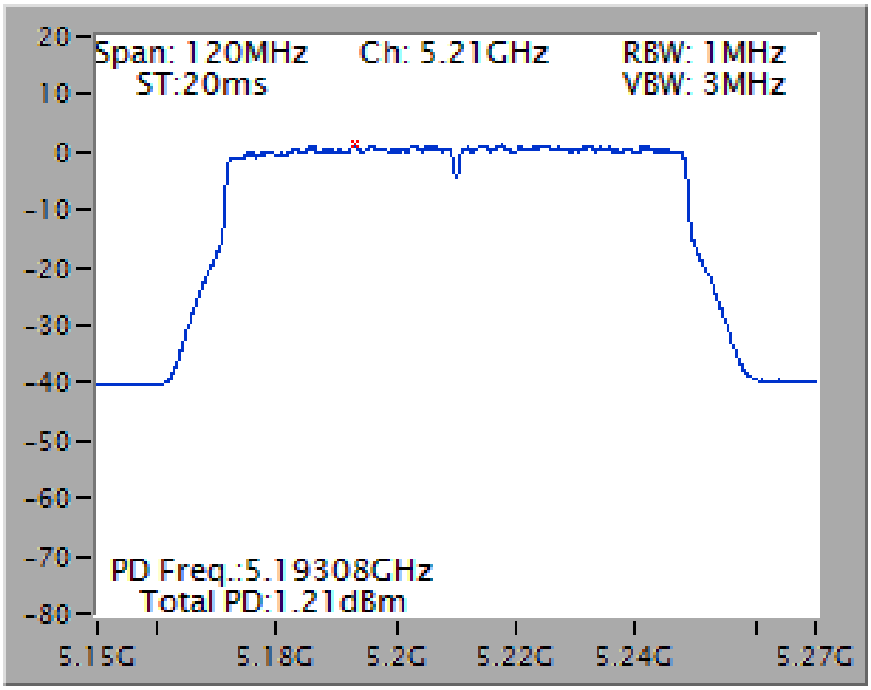


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

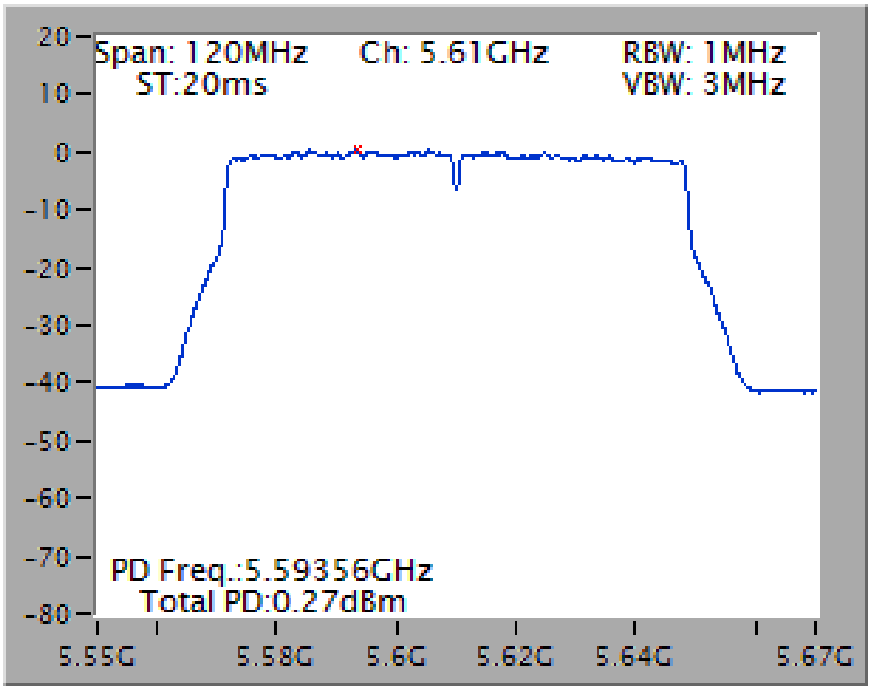


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

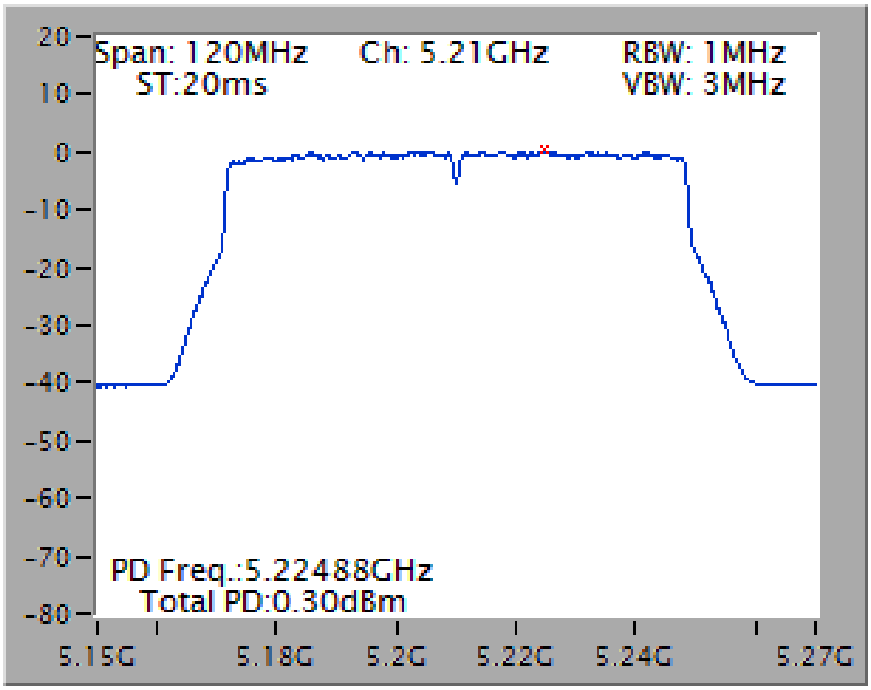


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

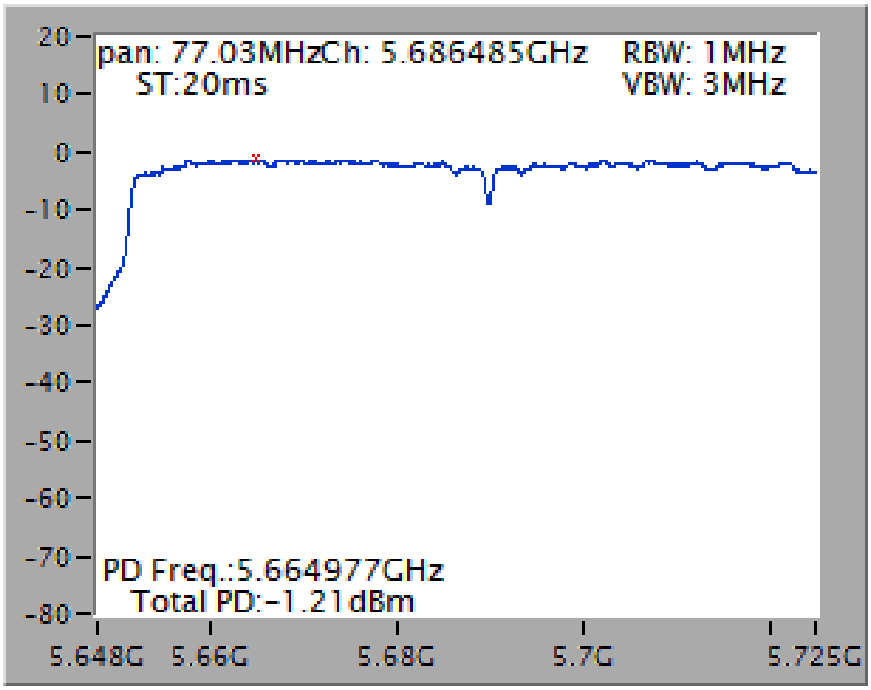


Type 3

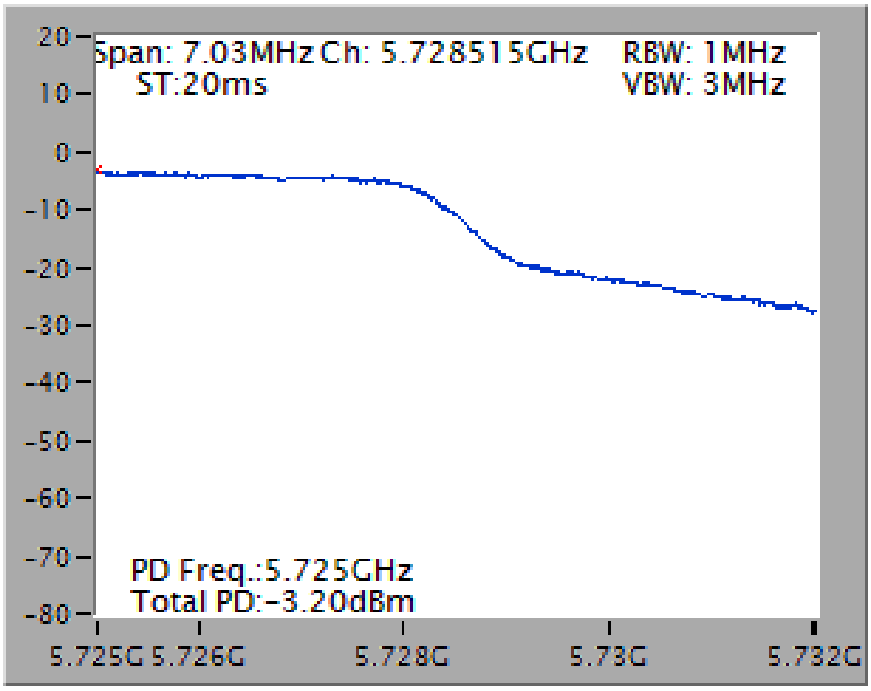
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

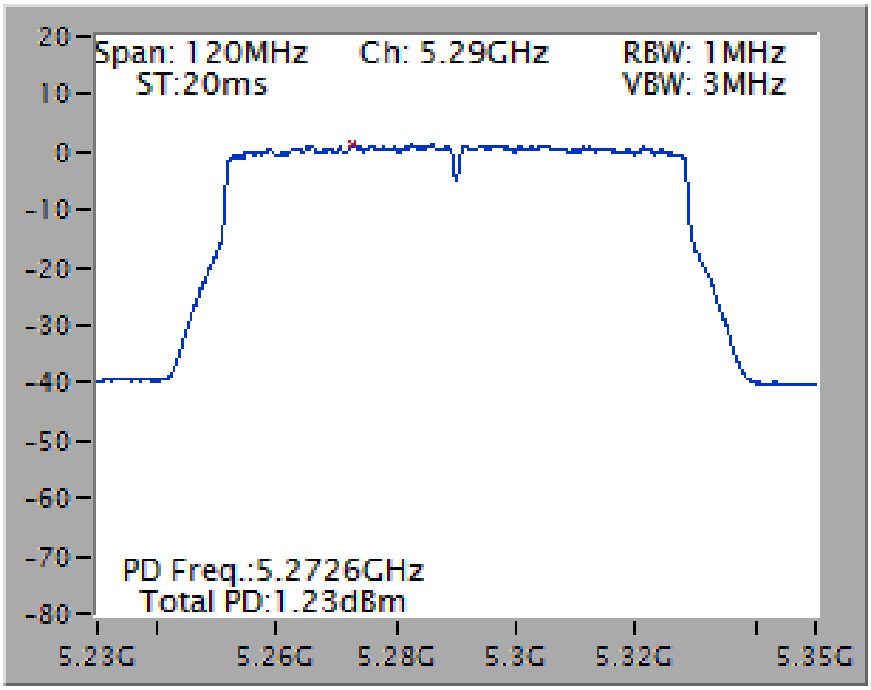


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

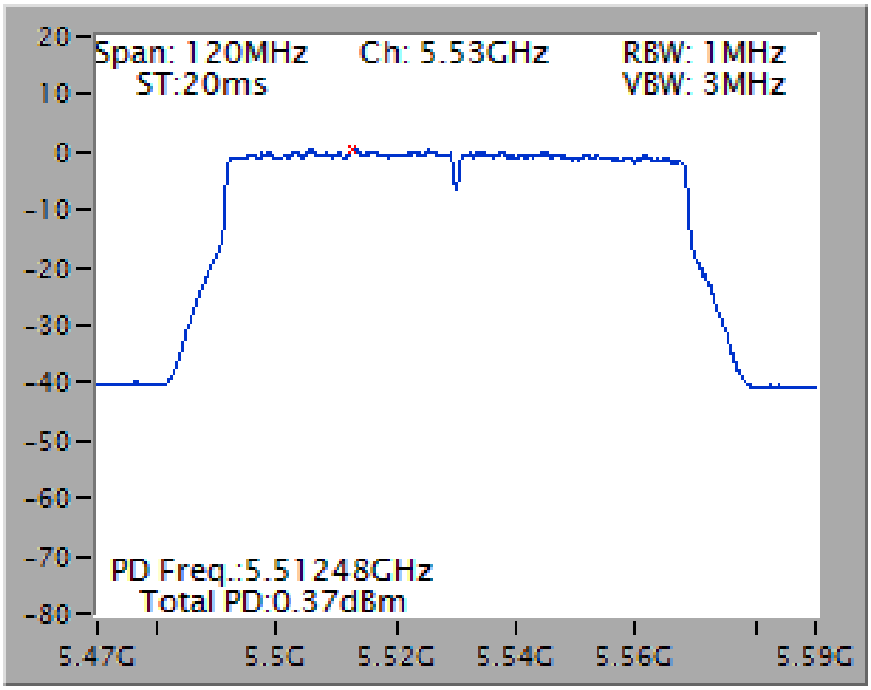


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

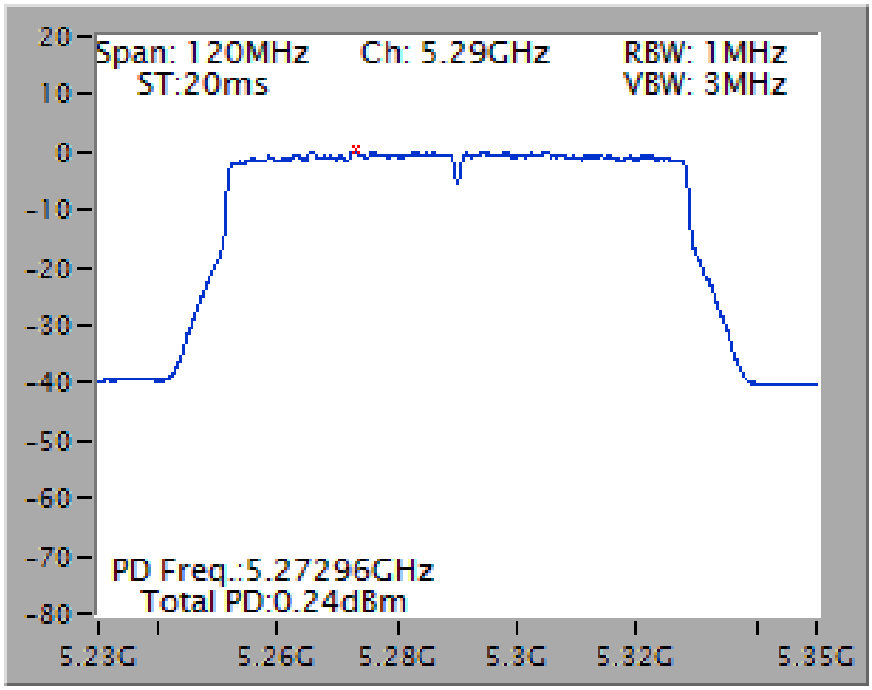


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

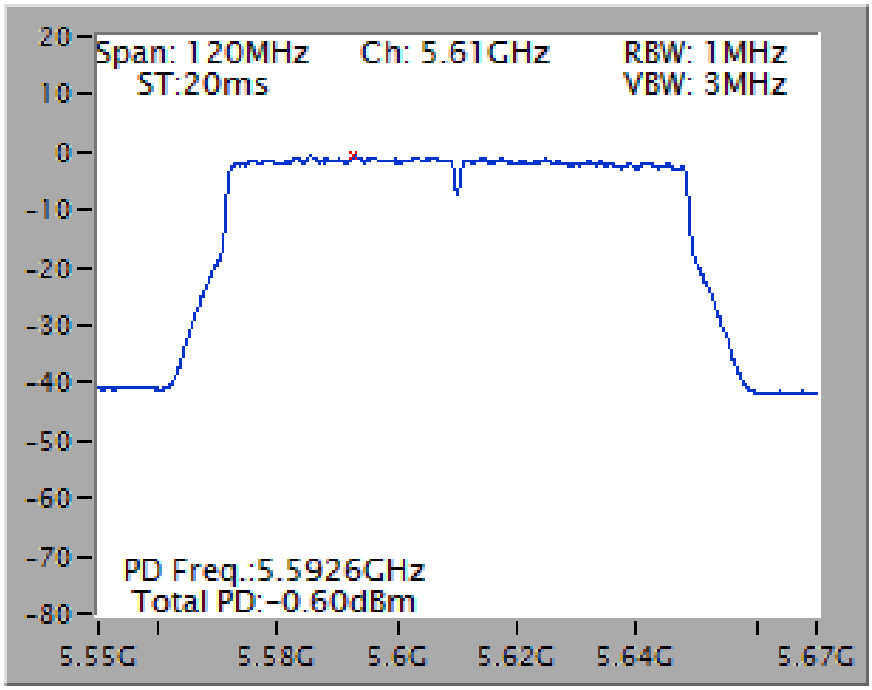


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

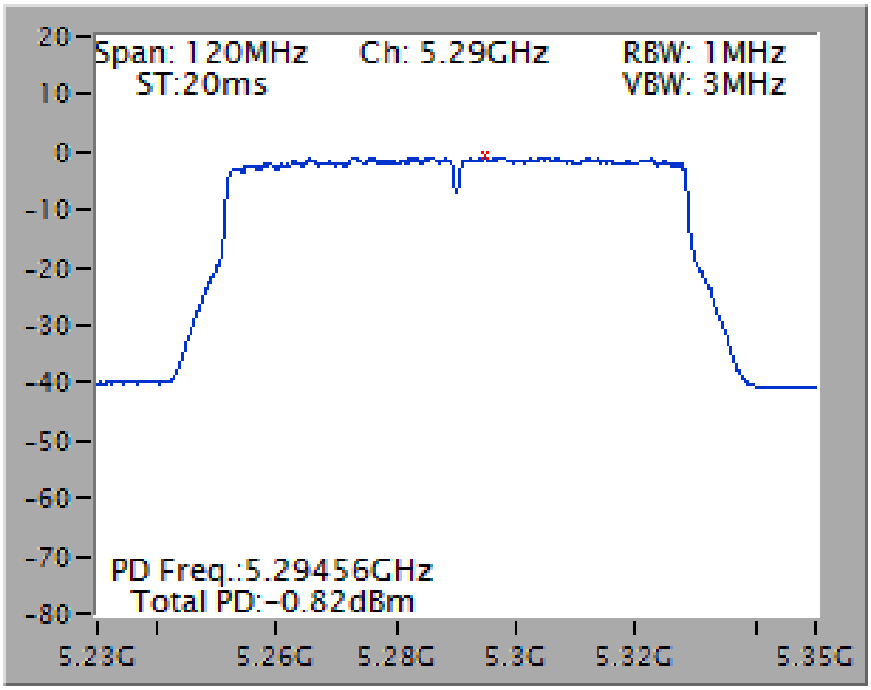


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

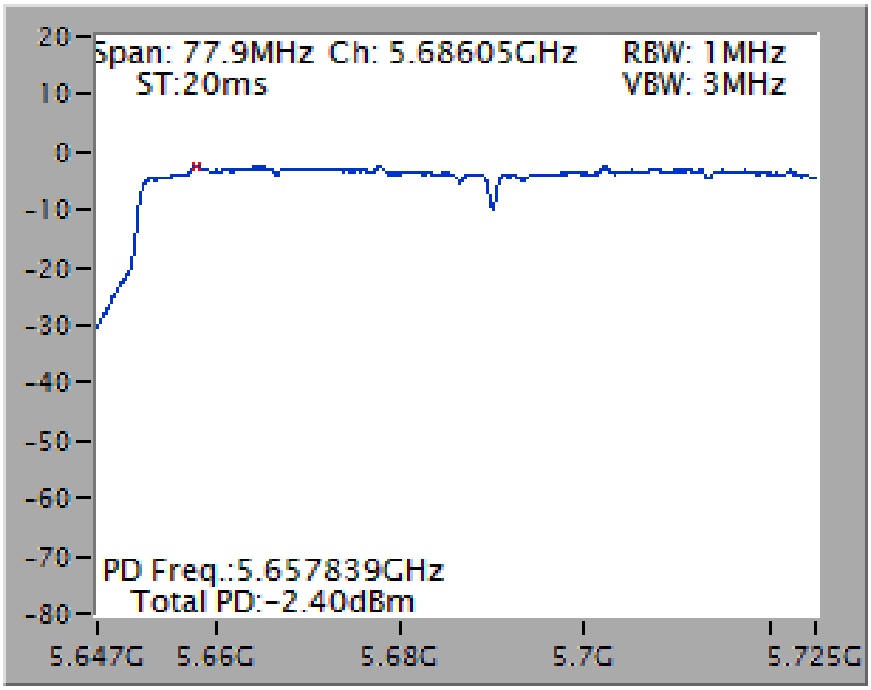


Type 6

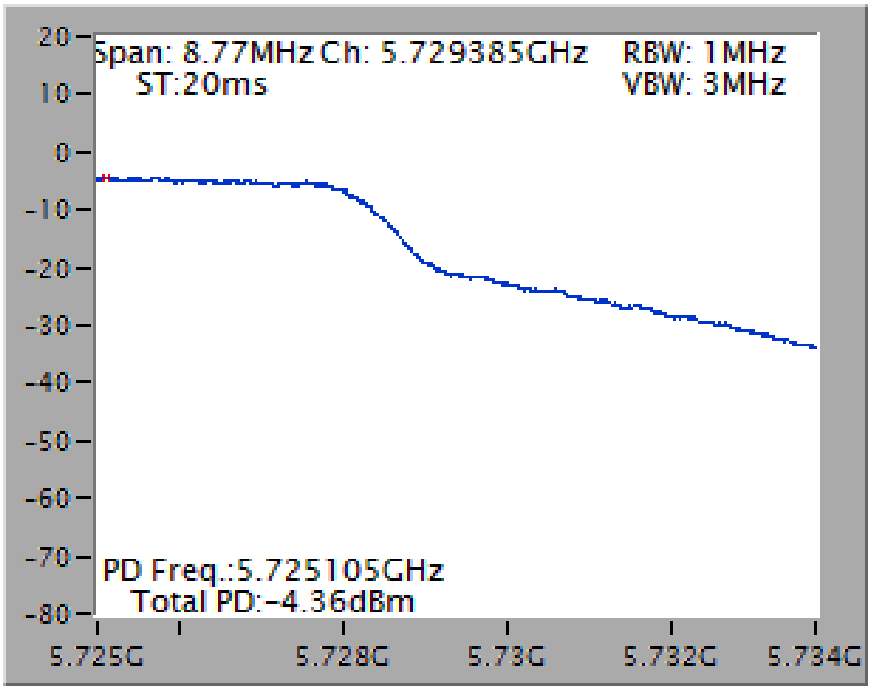
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

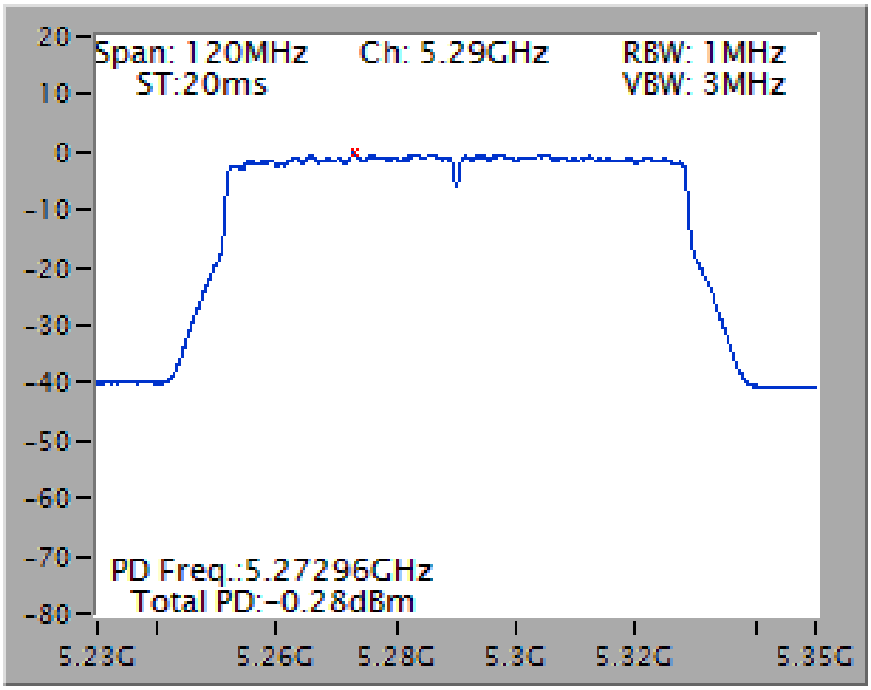


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

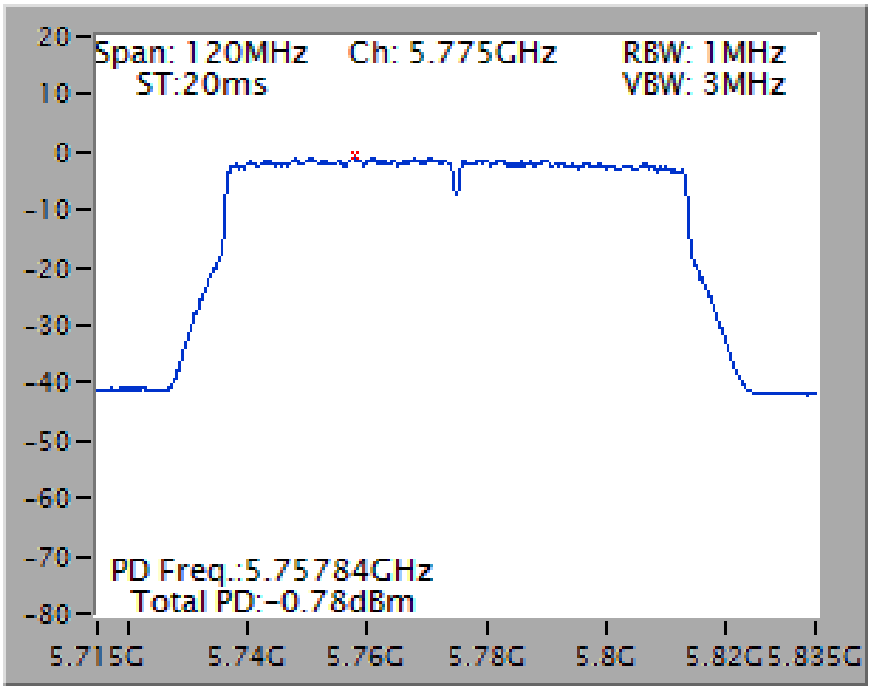


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

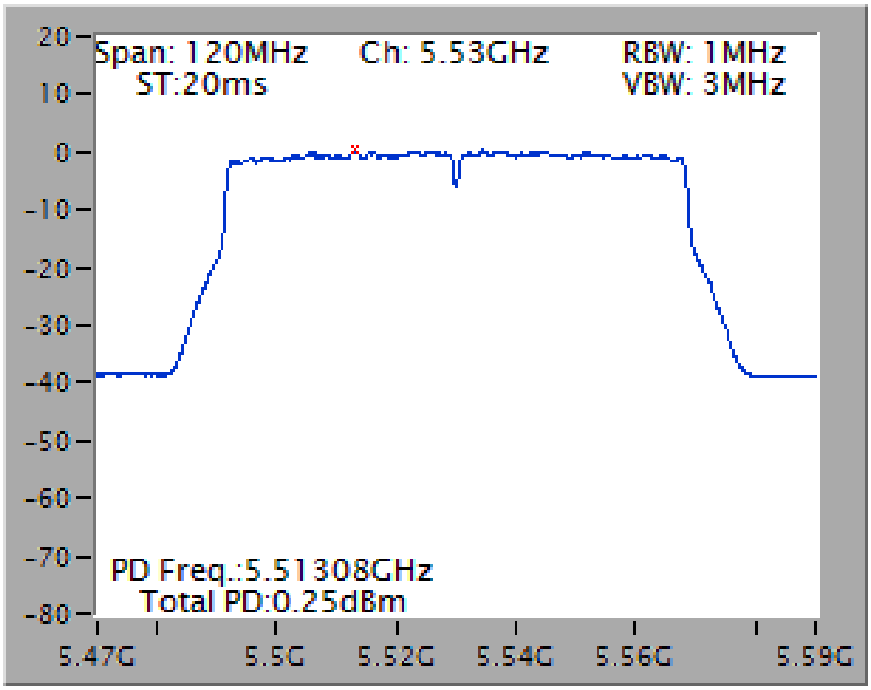


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

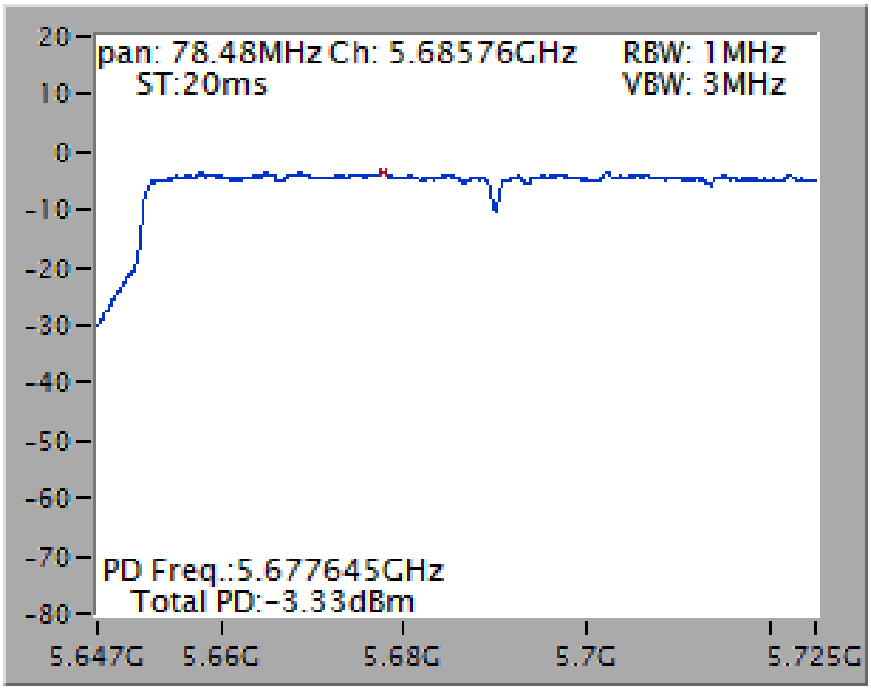


Type 8

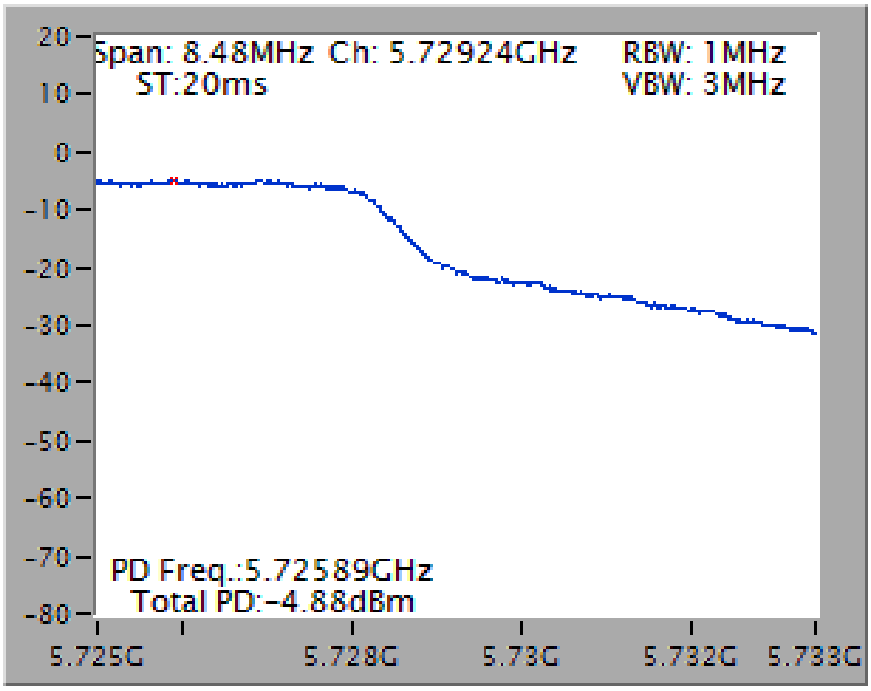
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

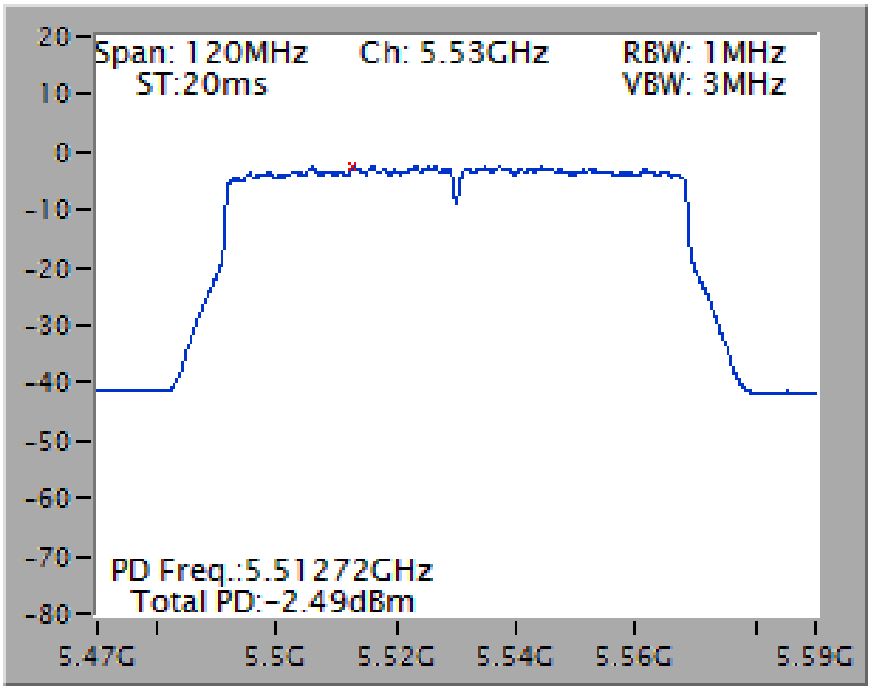


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

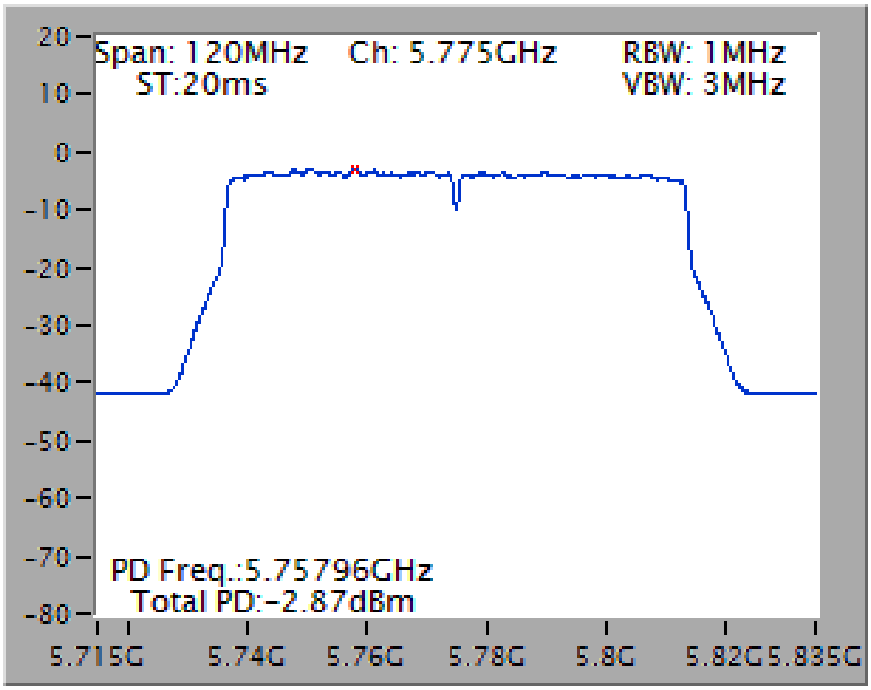


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

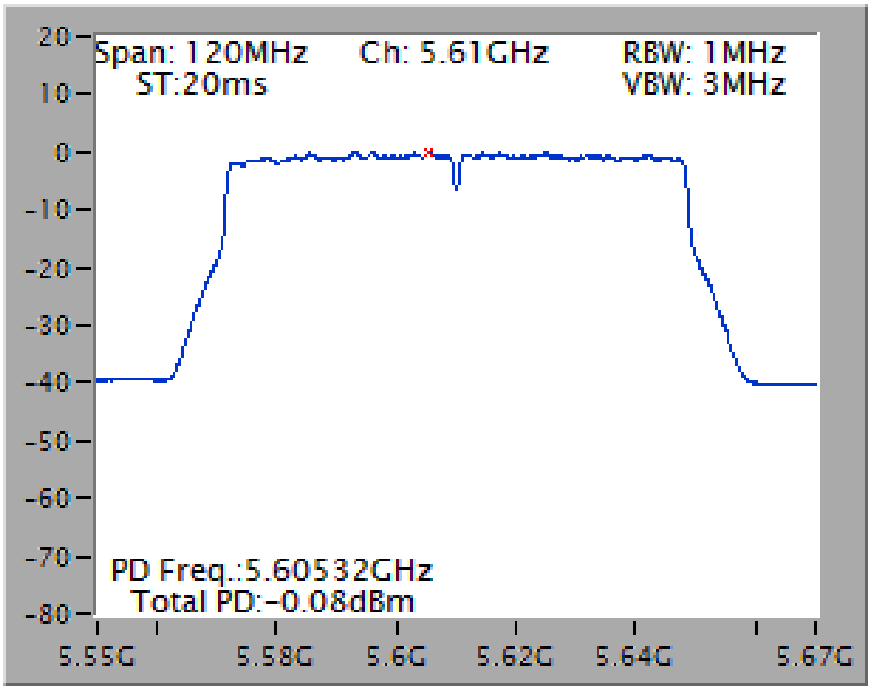


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

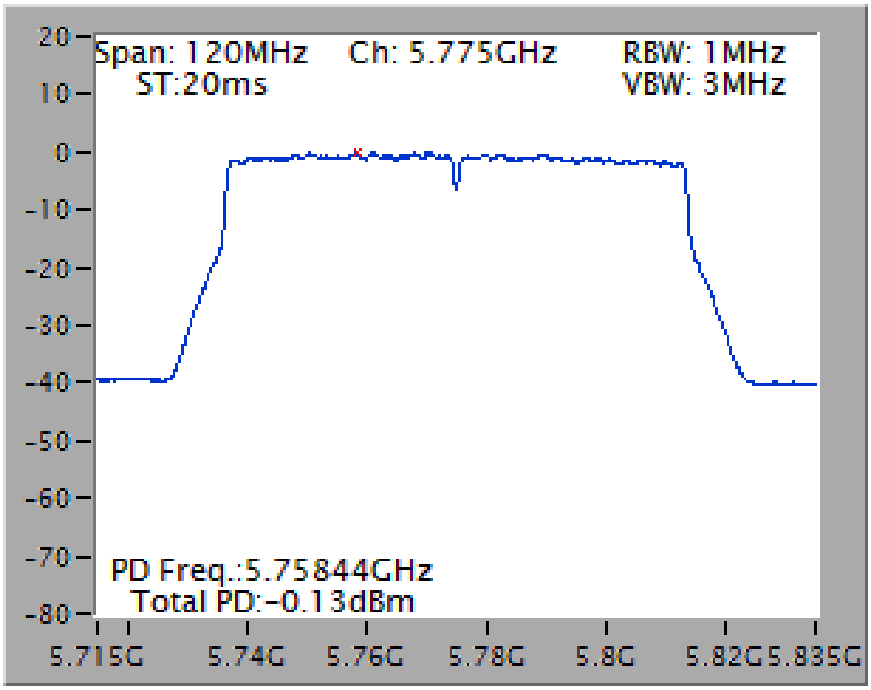


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

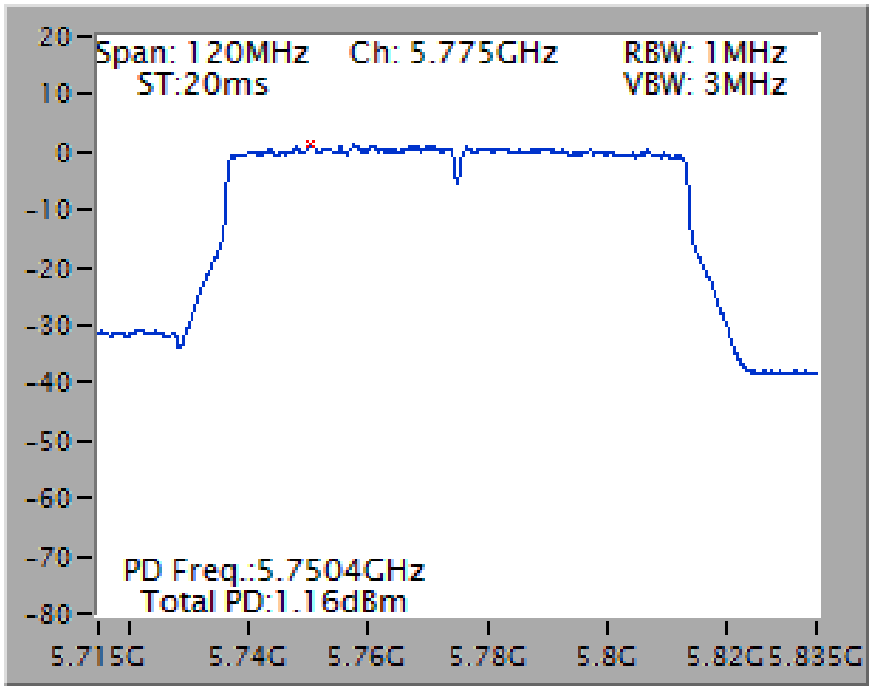


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

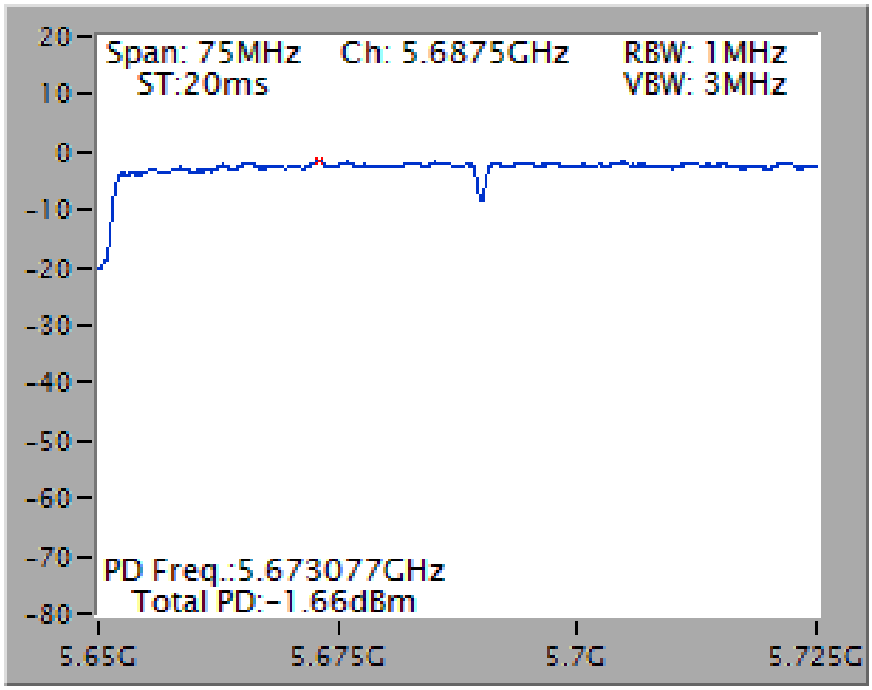


Type 11

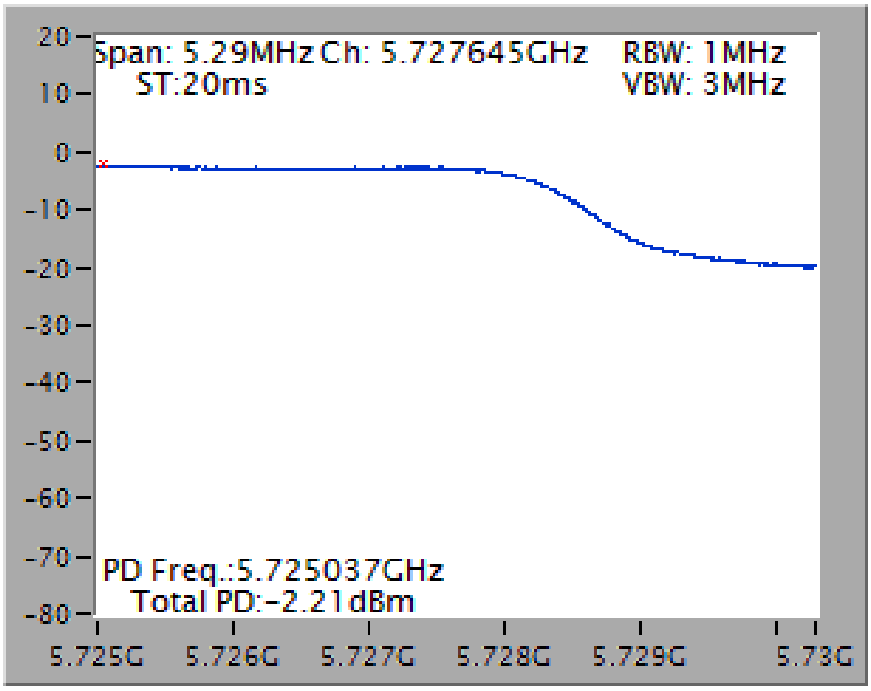
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

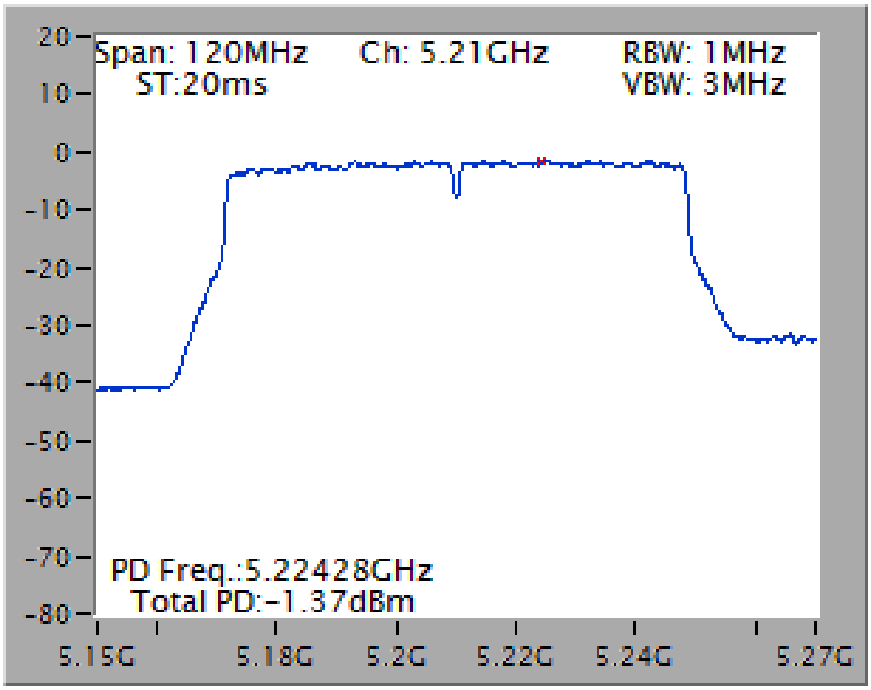


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

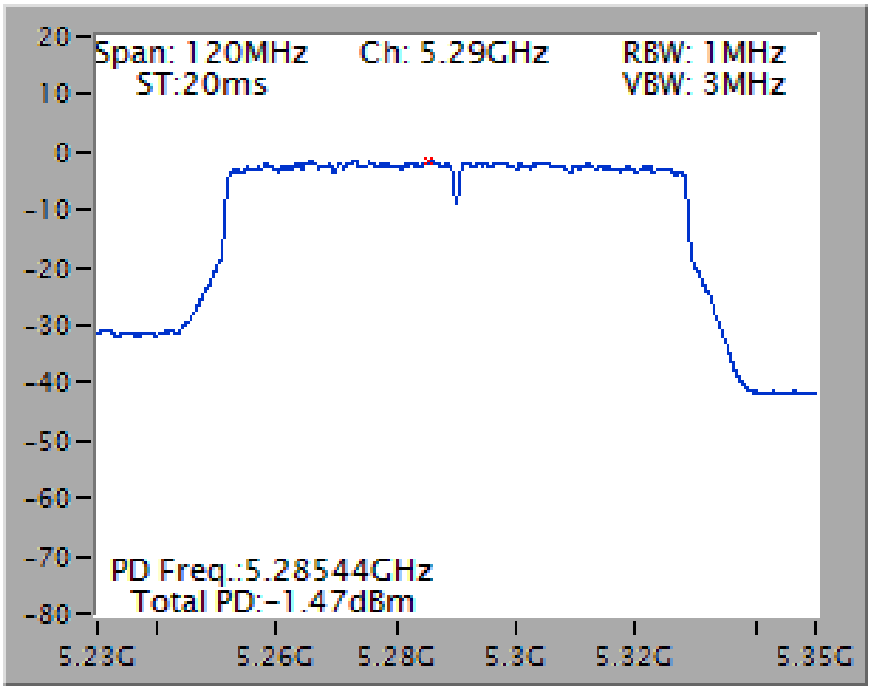


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

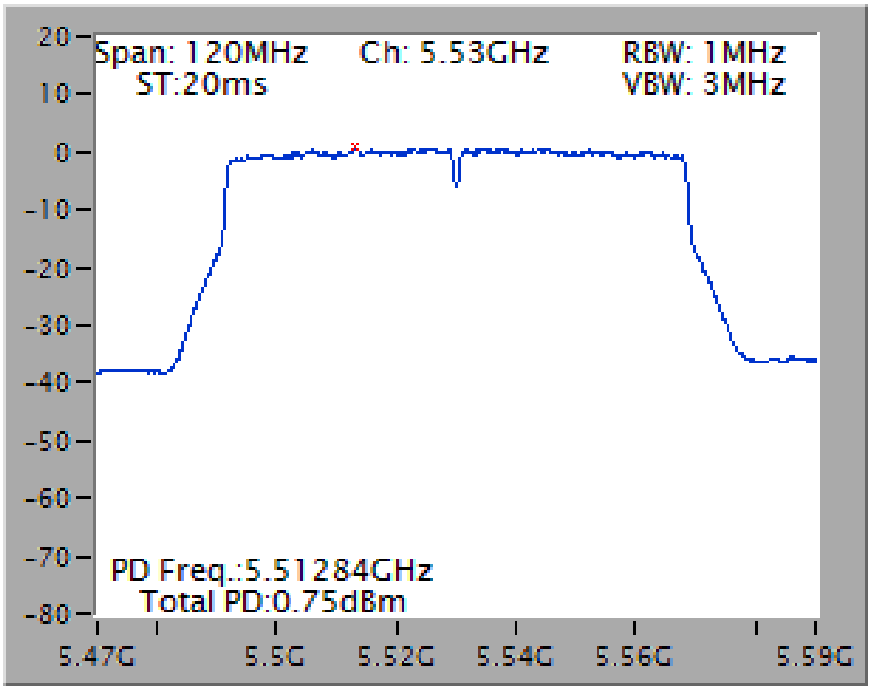


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

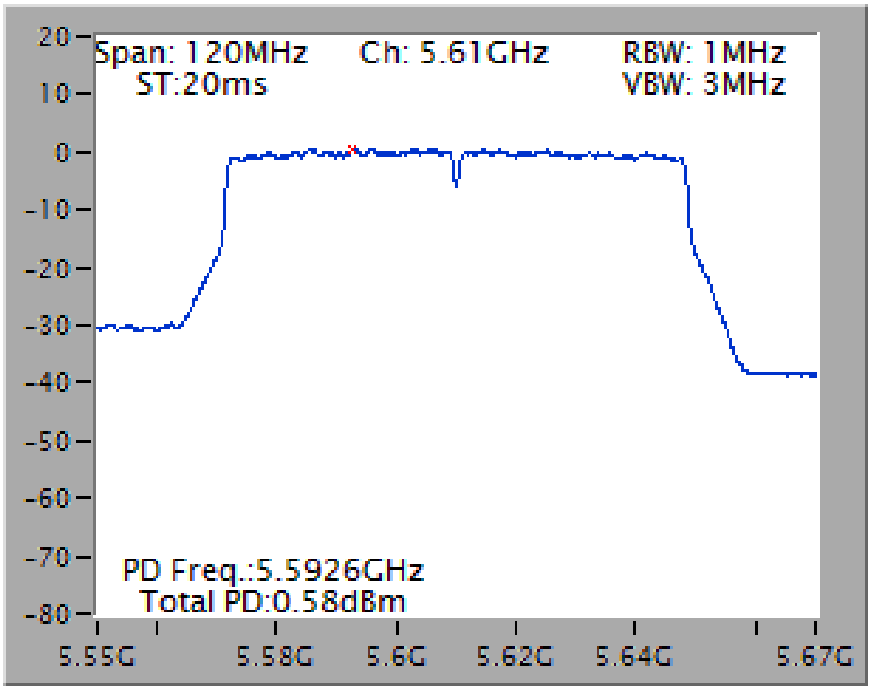


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

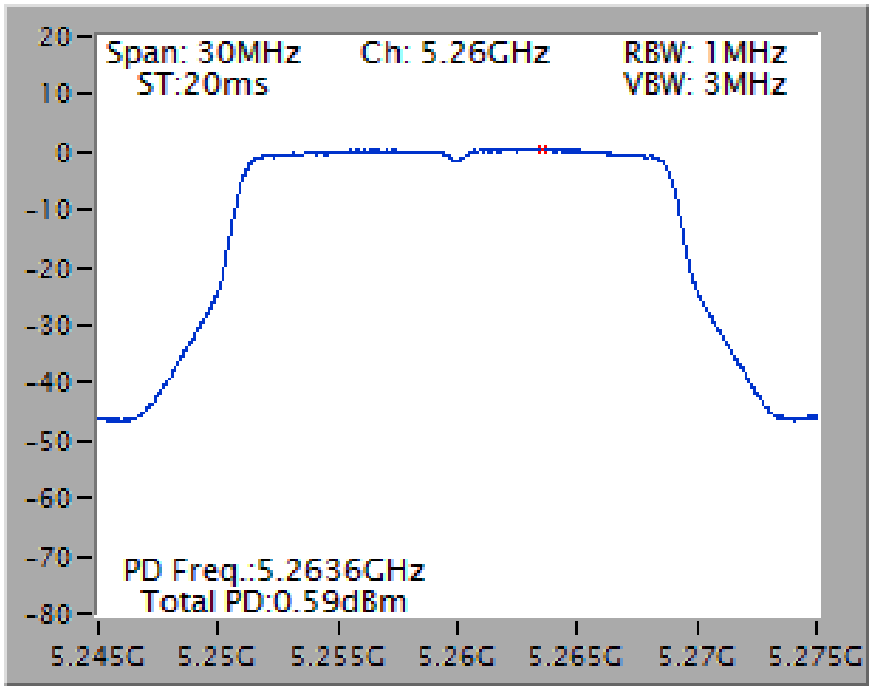


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

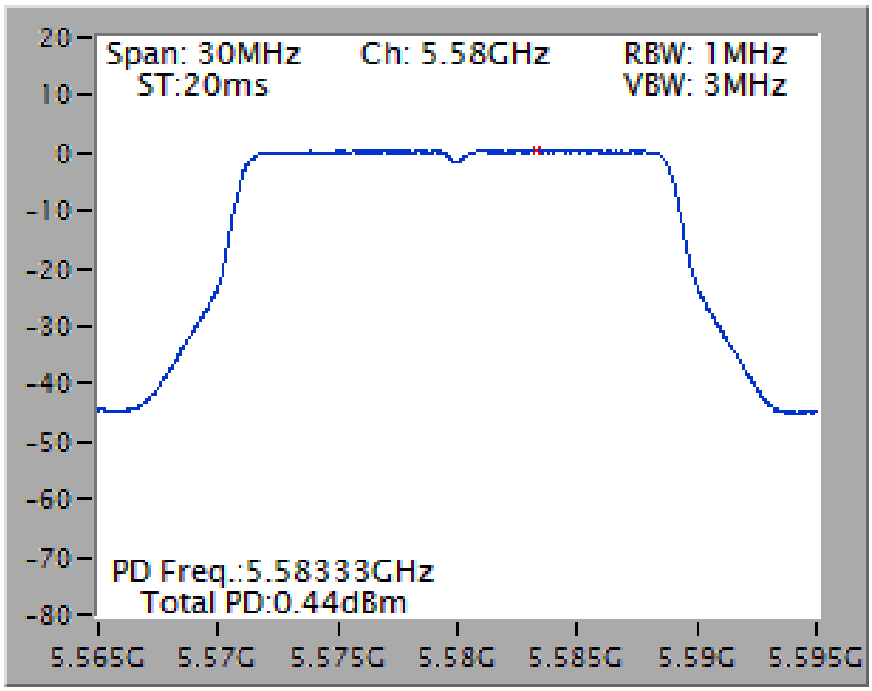


For Mode 3:

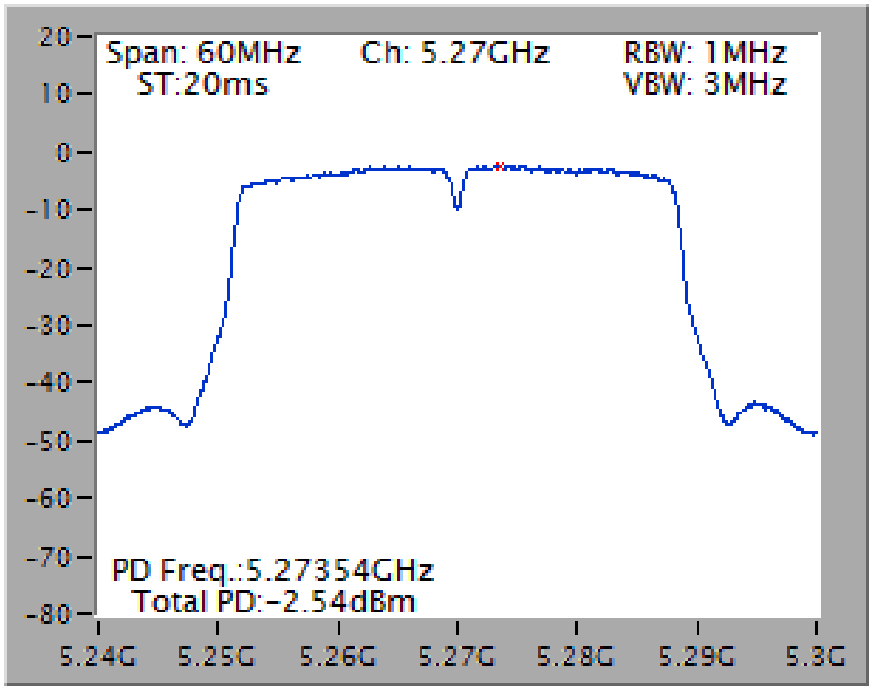
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



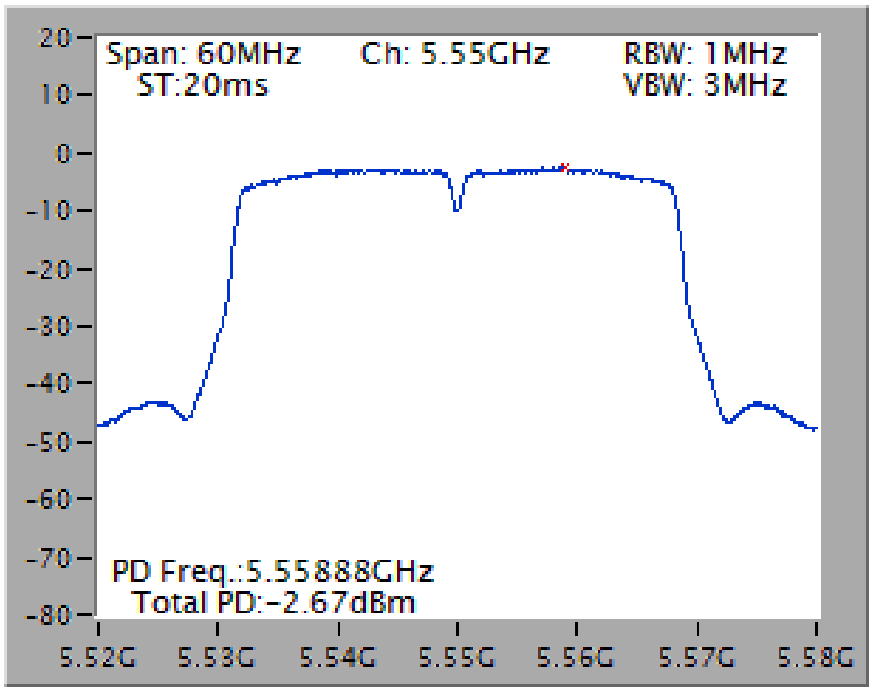
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



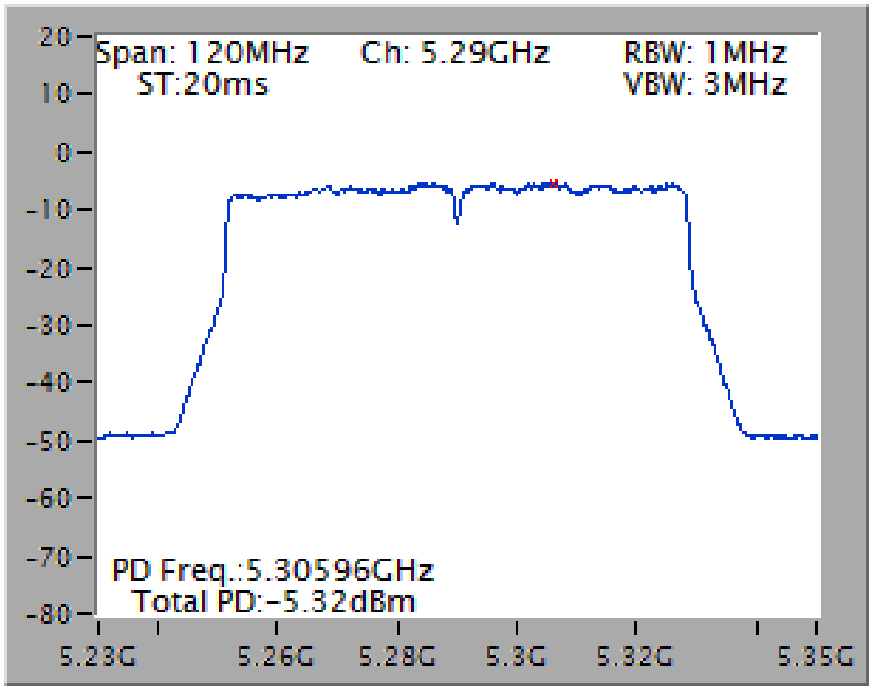
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



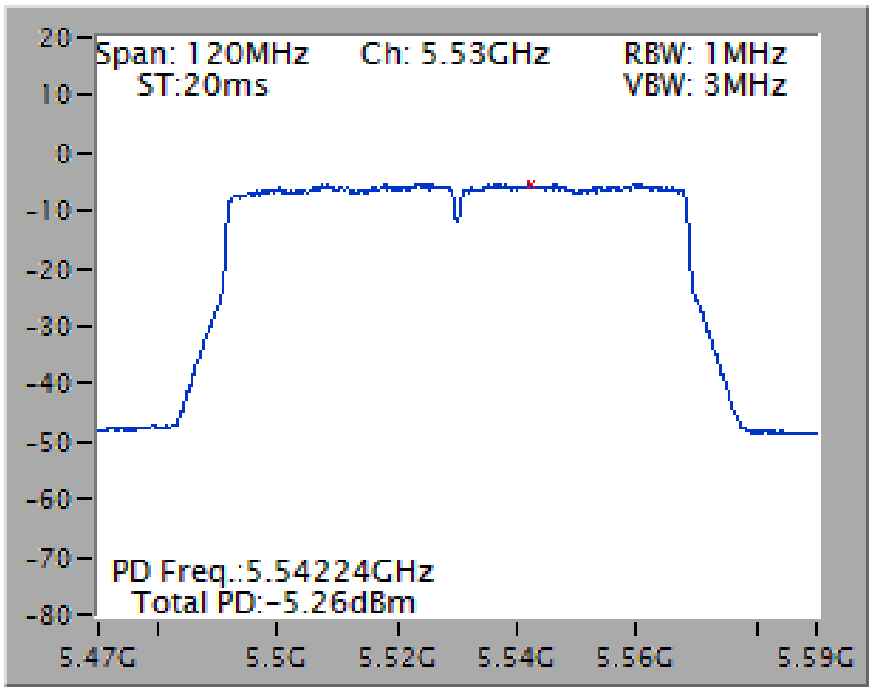
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



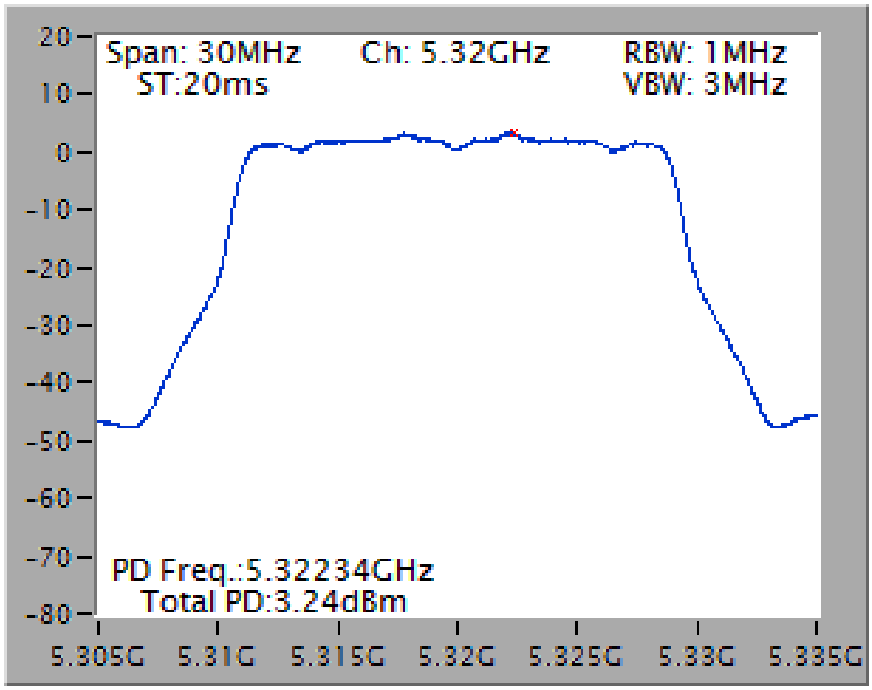
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



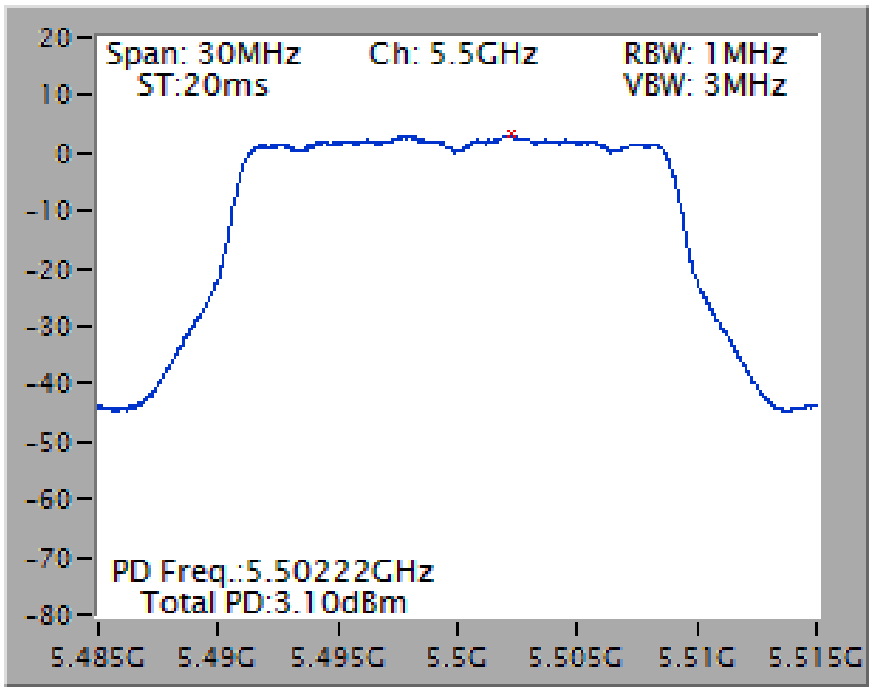
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



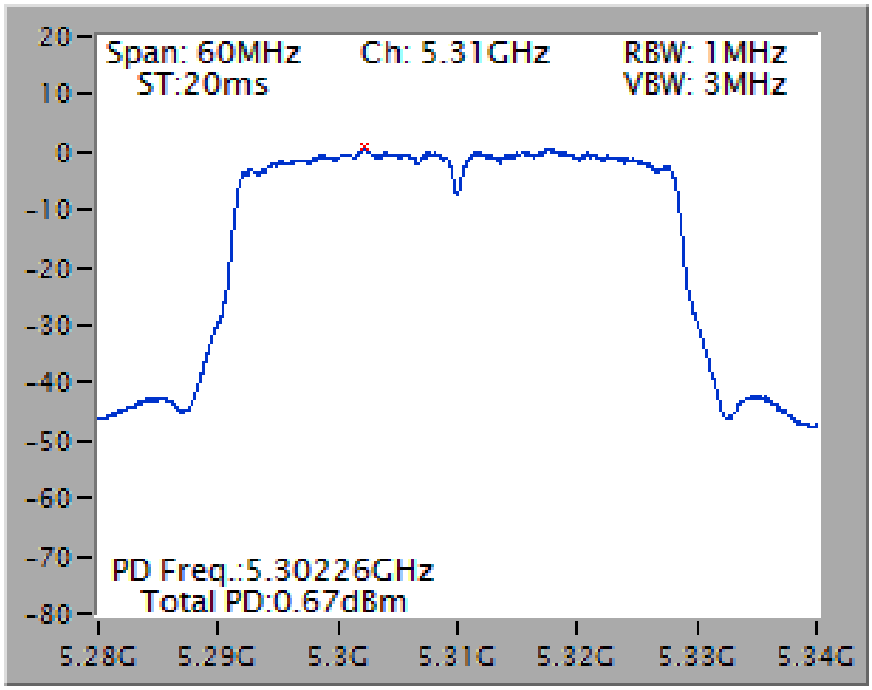
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



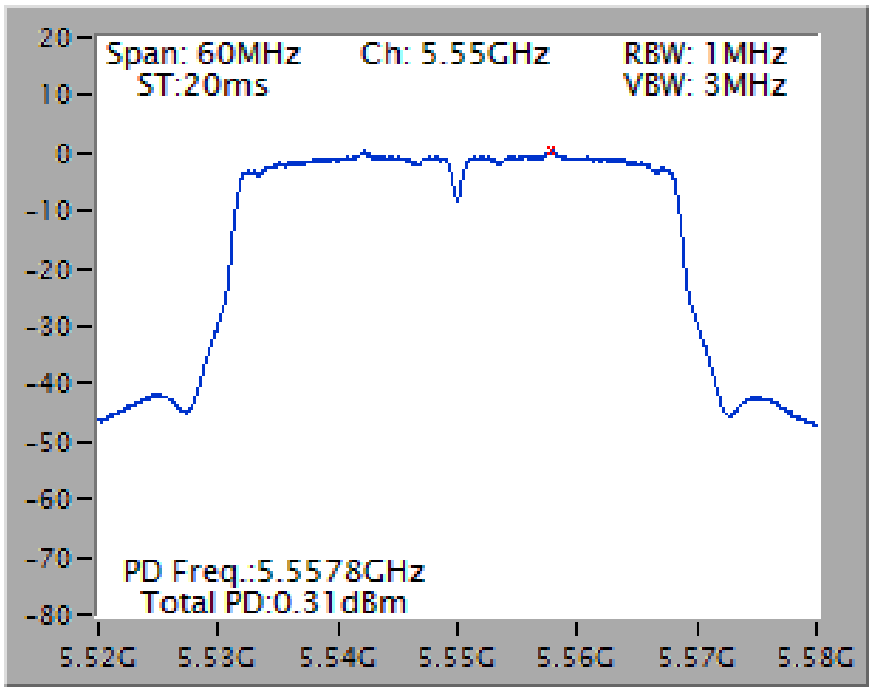
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



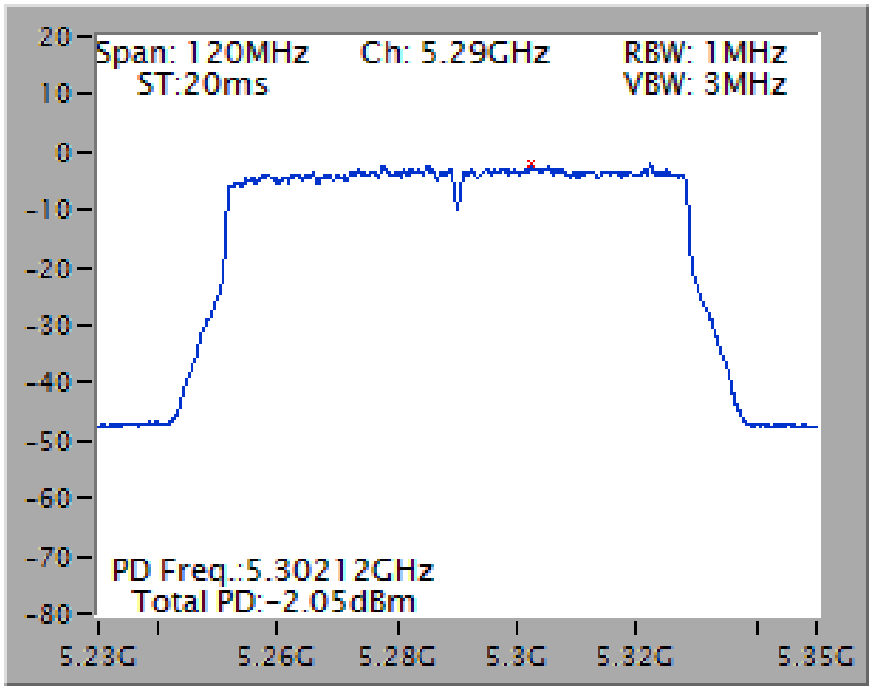
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



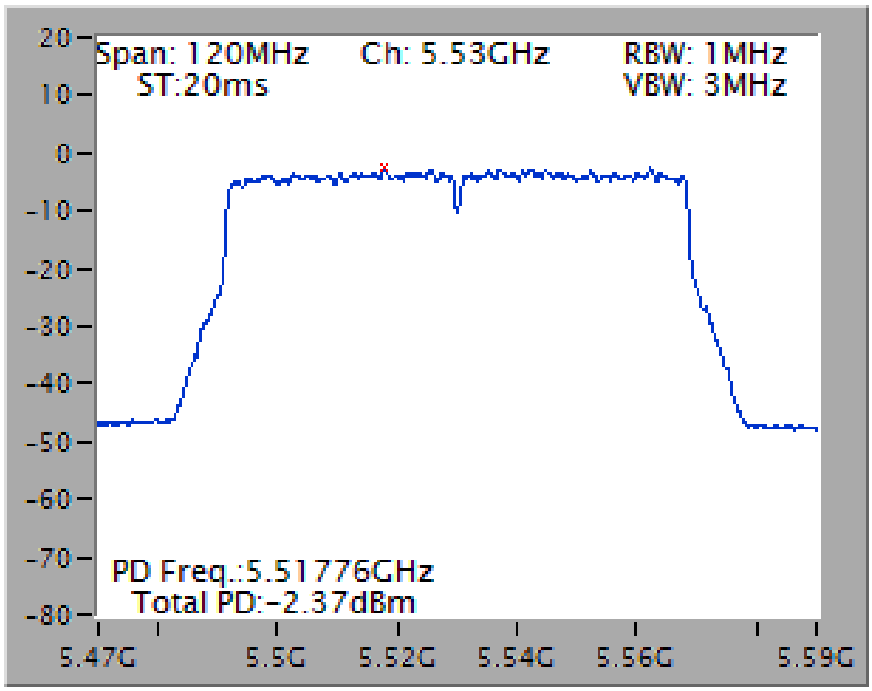
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



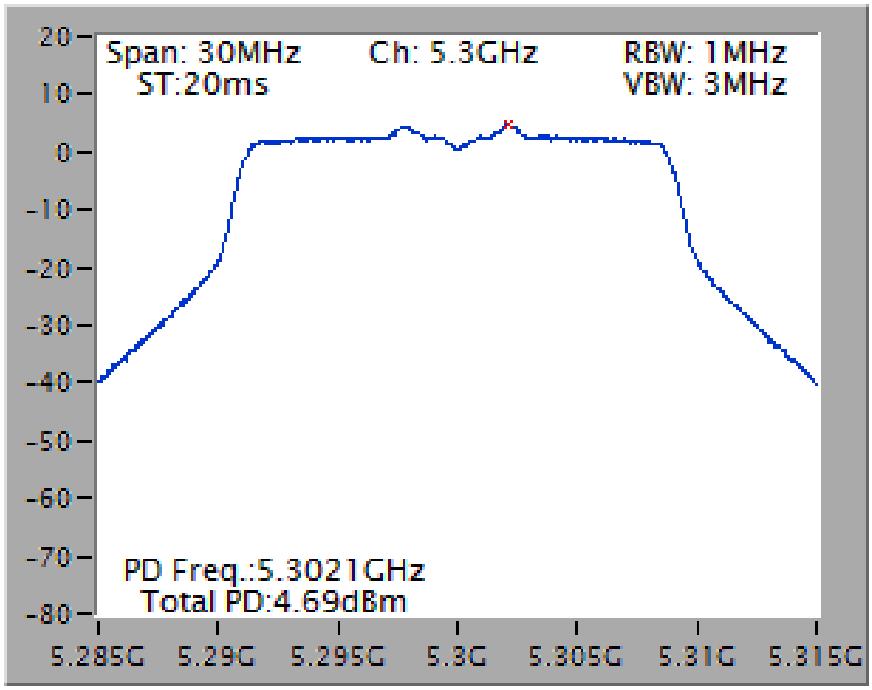
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



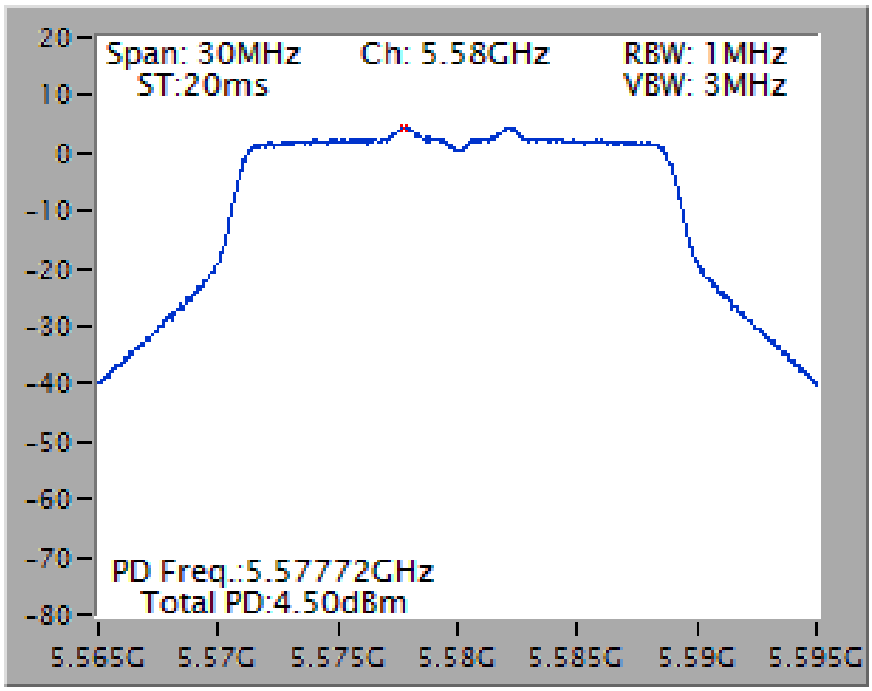
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



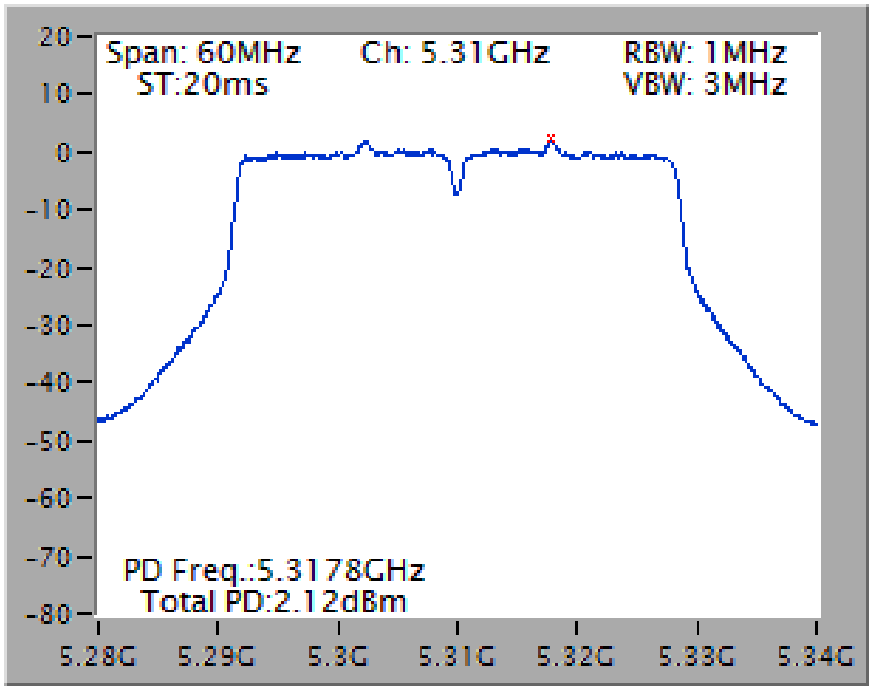
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



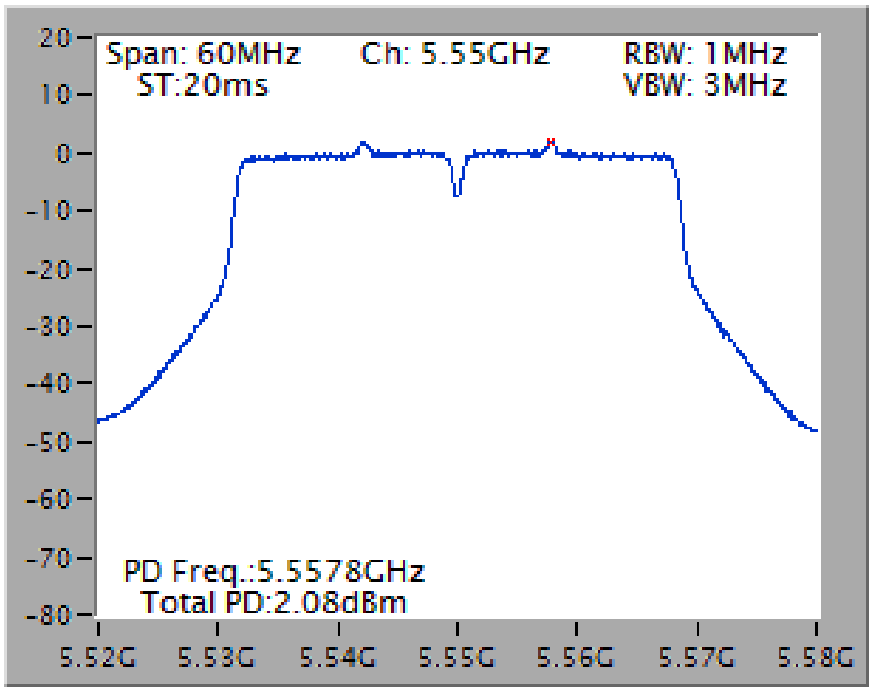
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



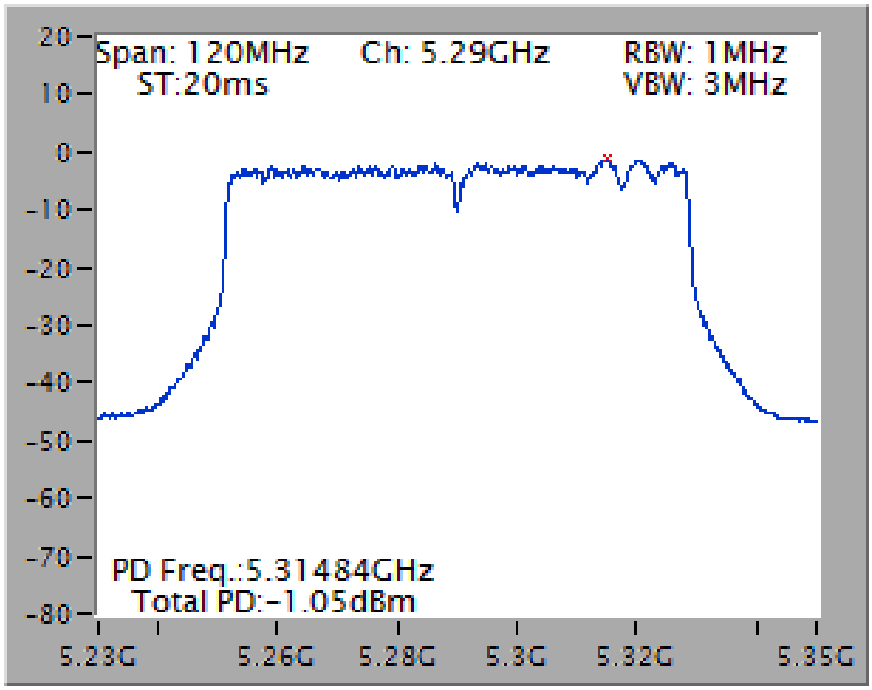
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



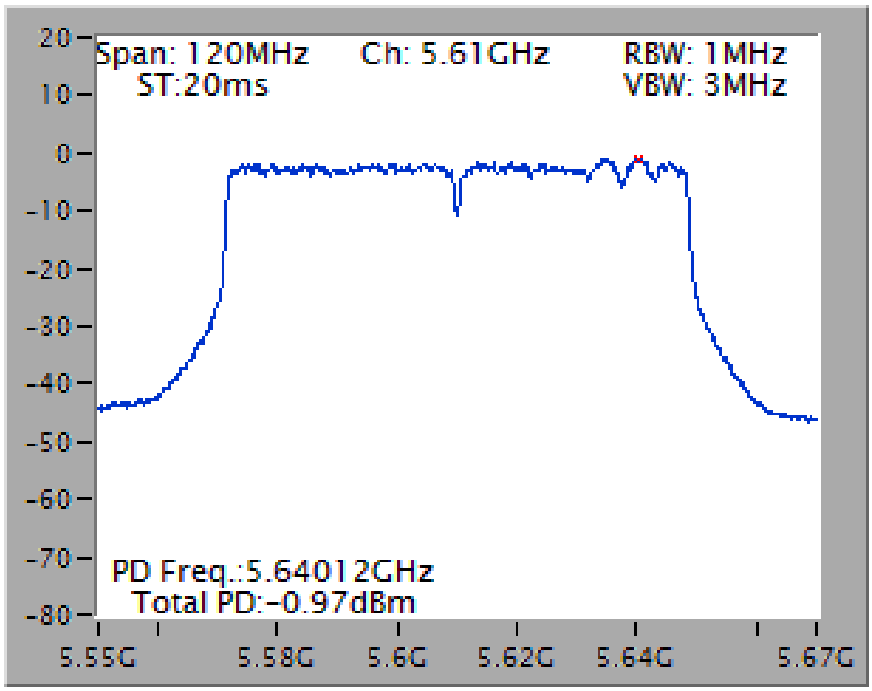
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

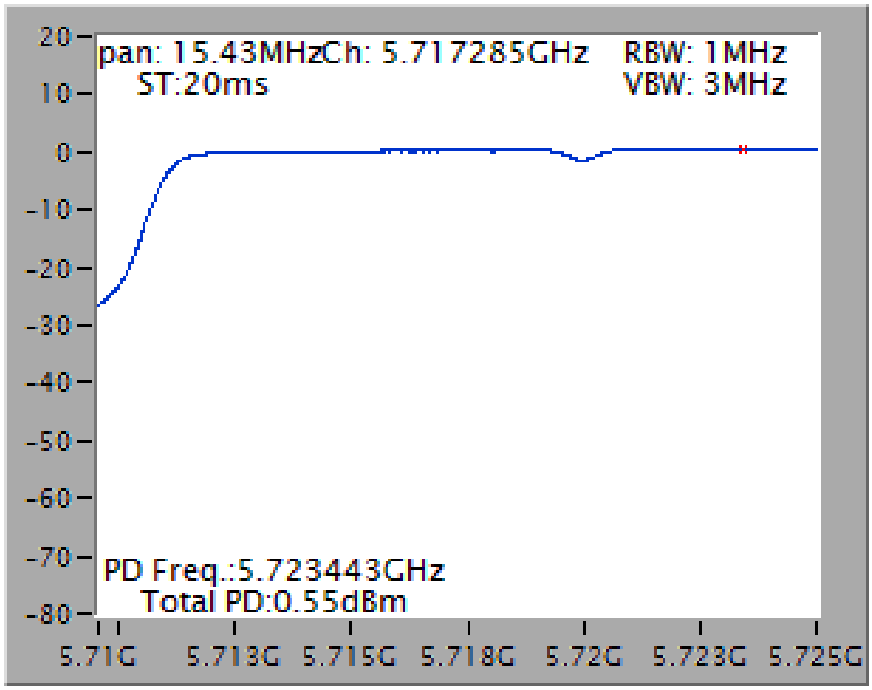


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

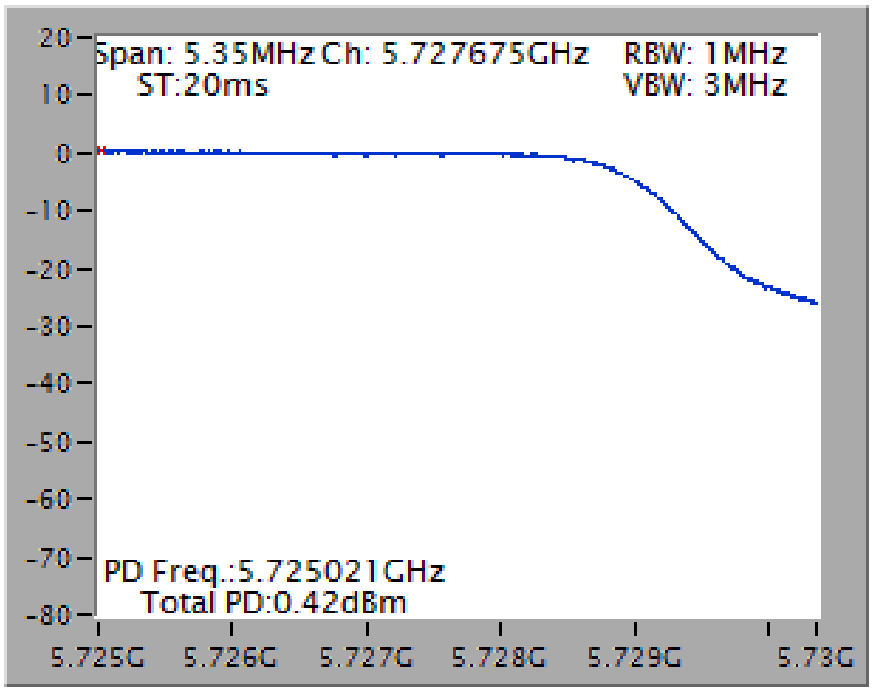


Straddle Channel

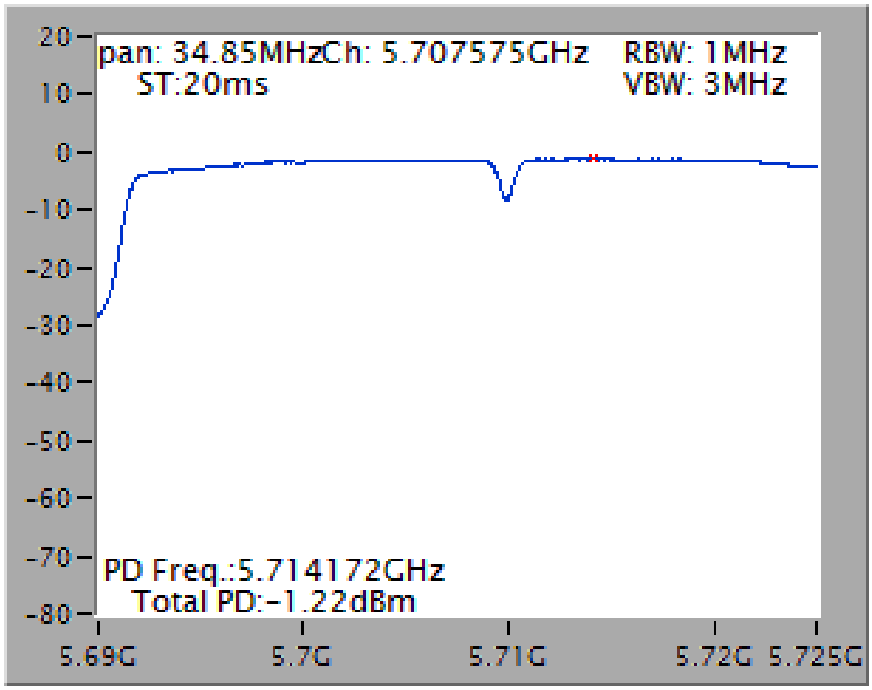
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



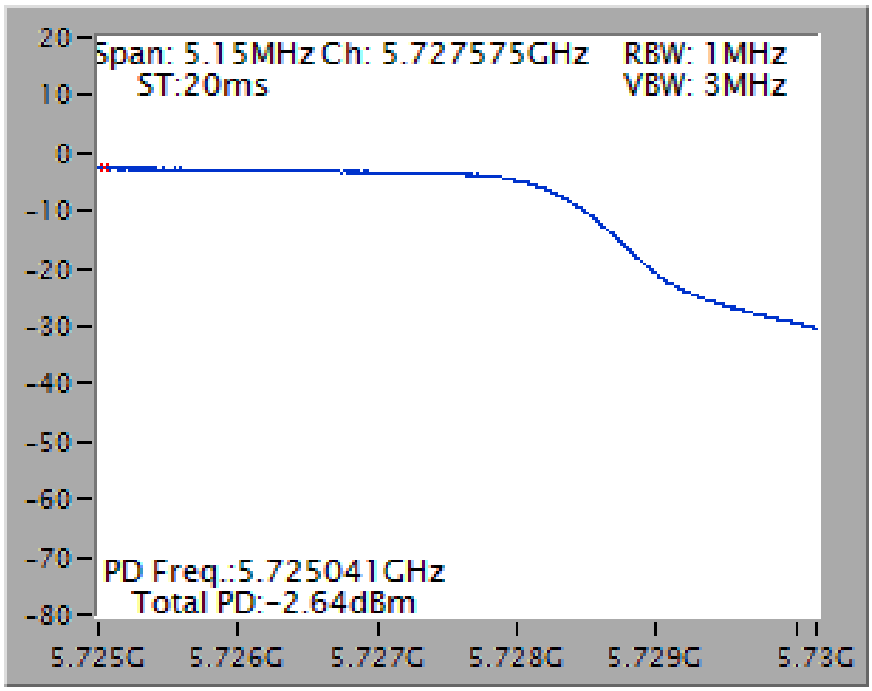
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



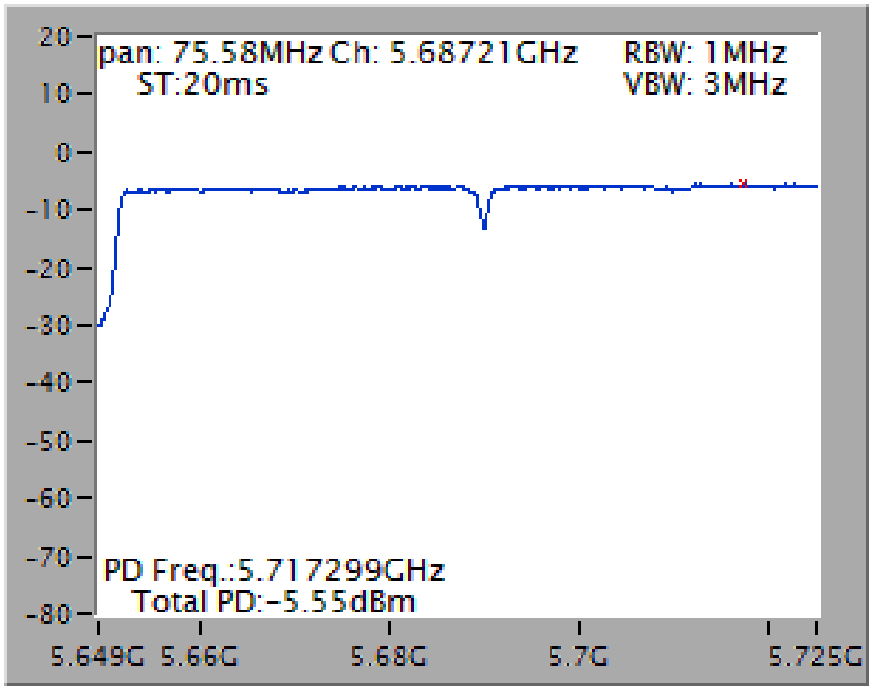
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



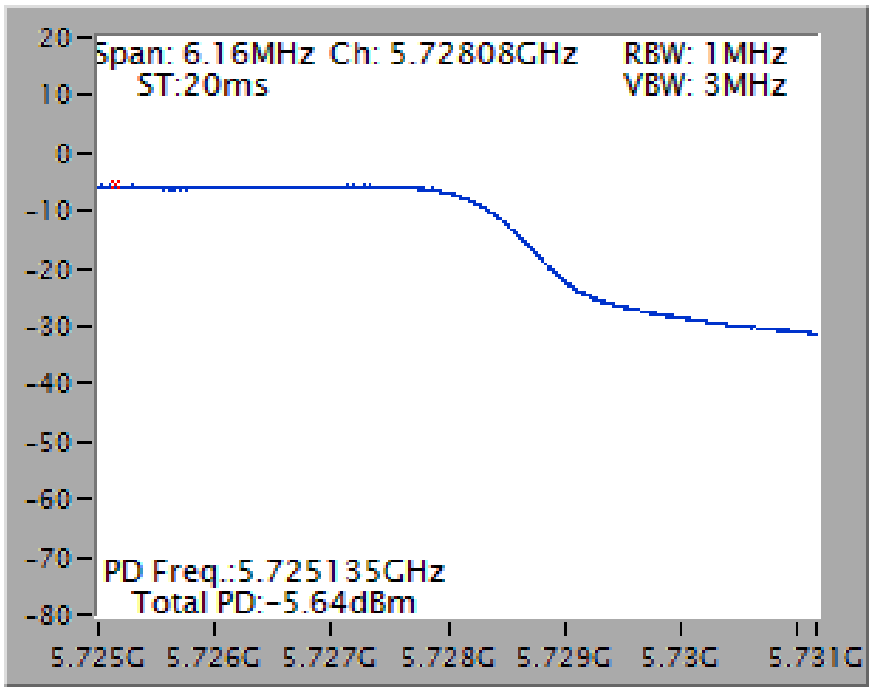
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



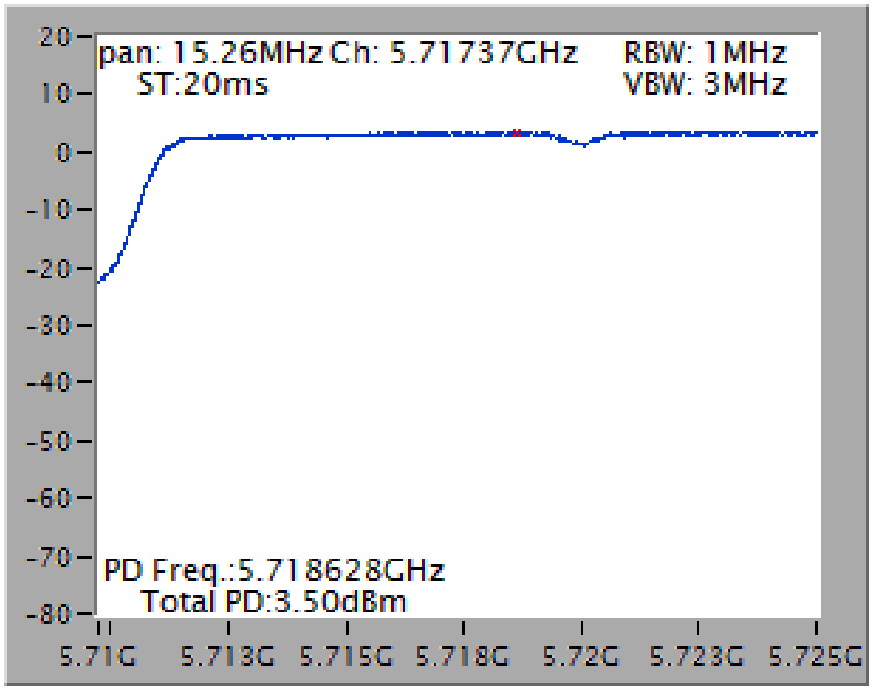
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



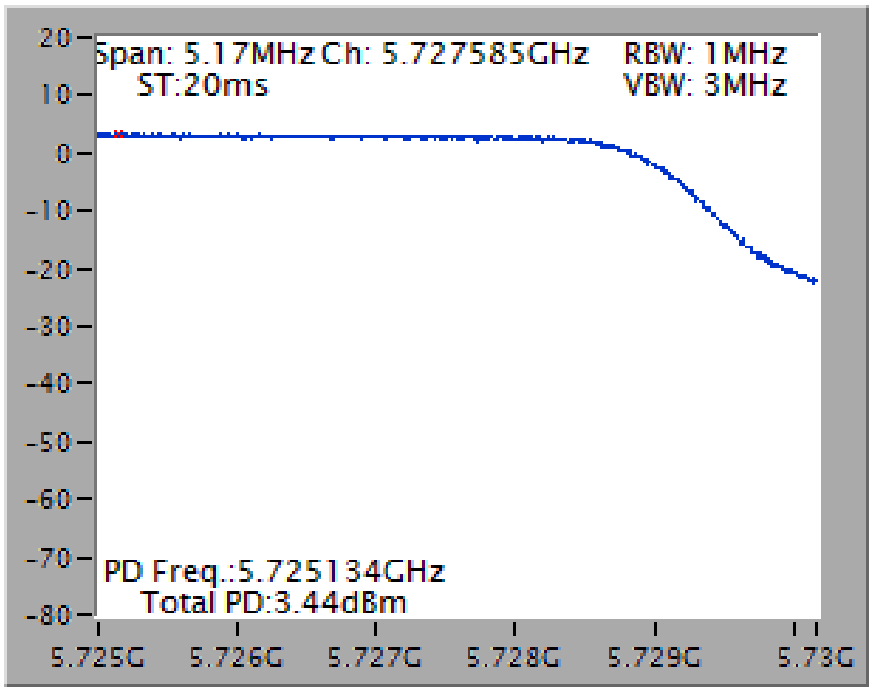
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



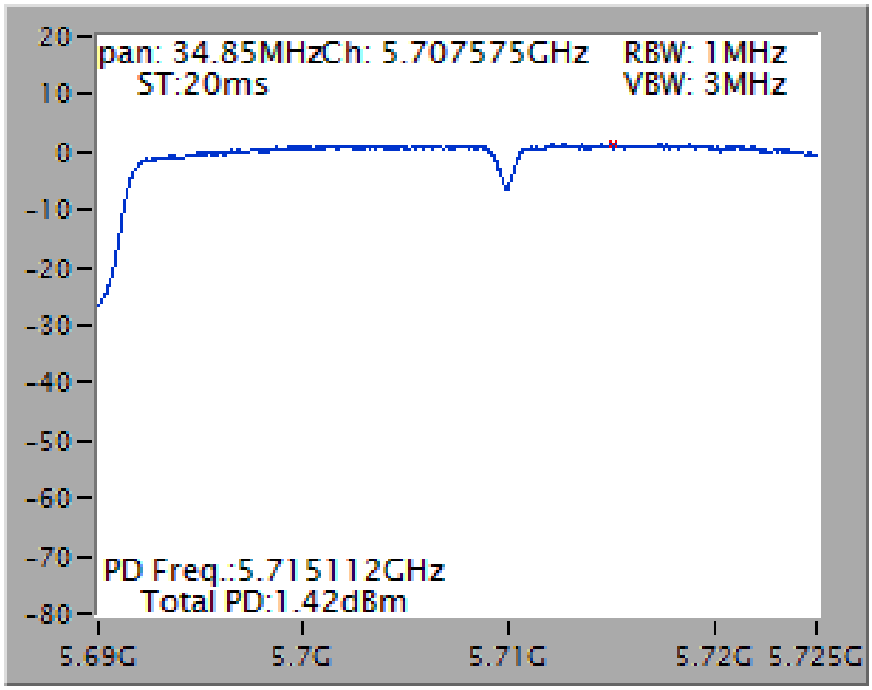
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



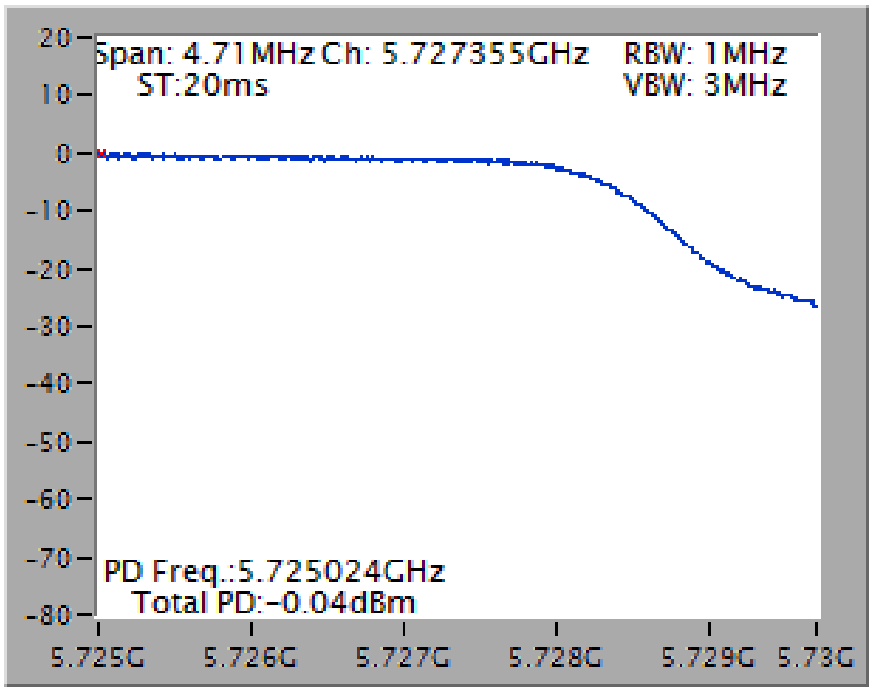
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



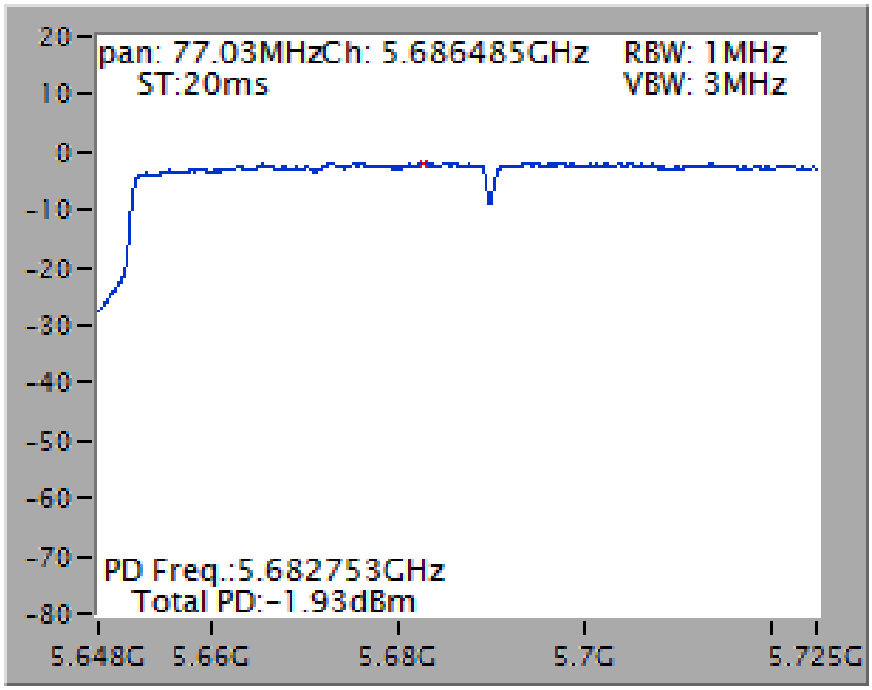
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



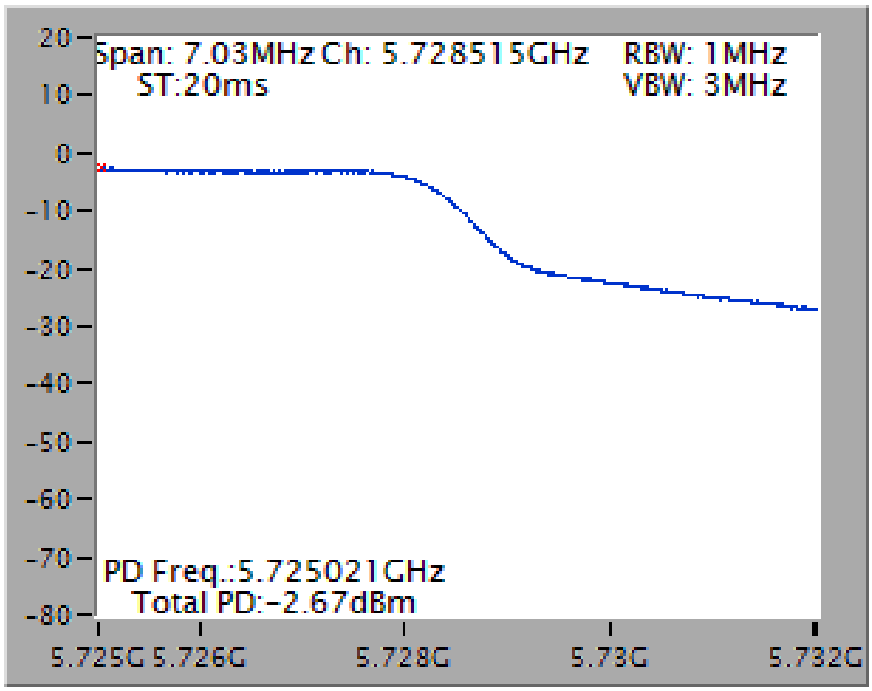
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



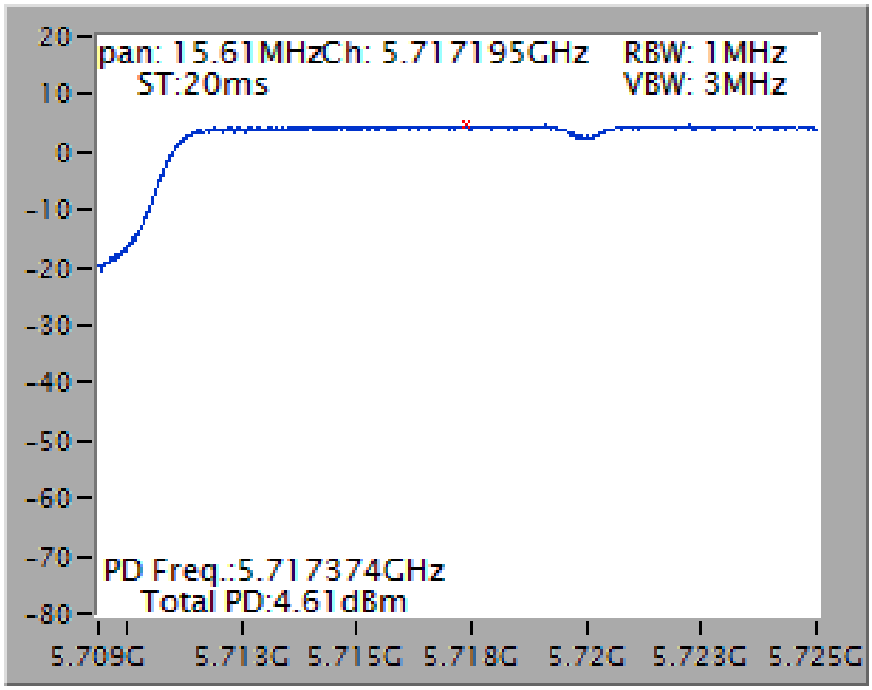
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



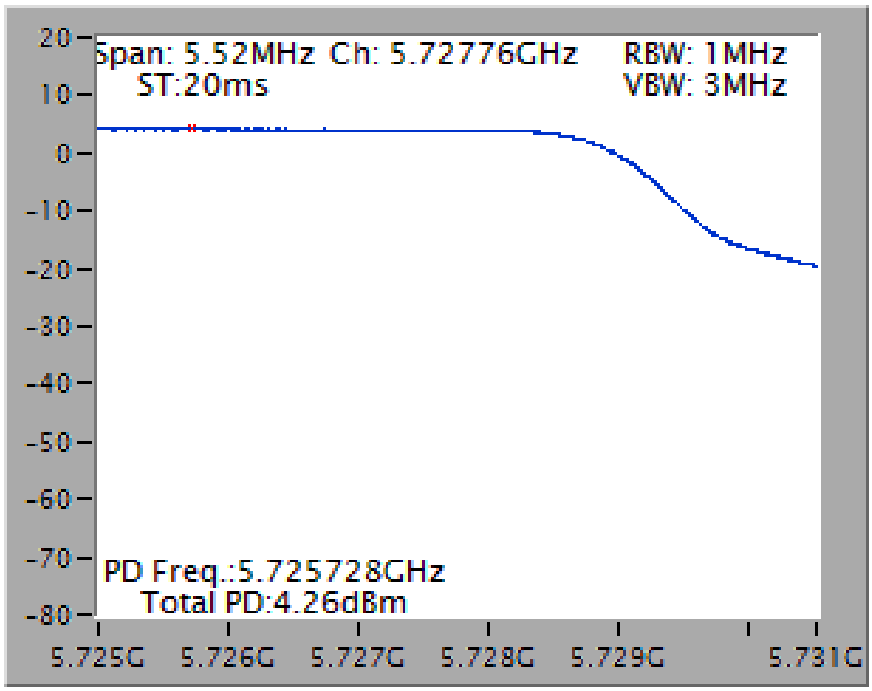
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



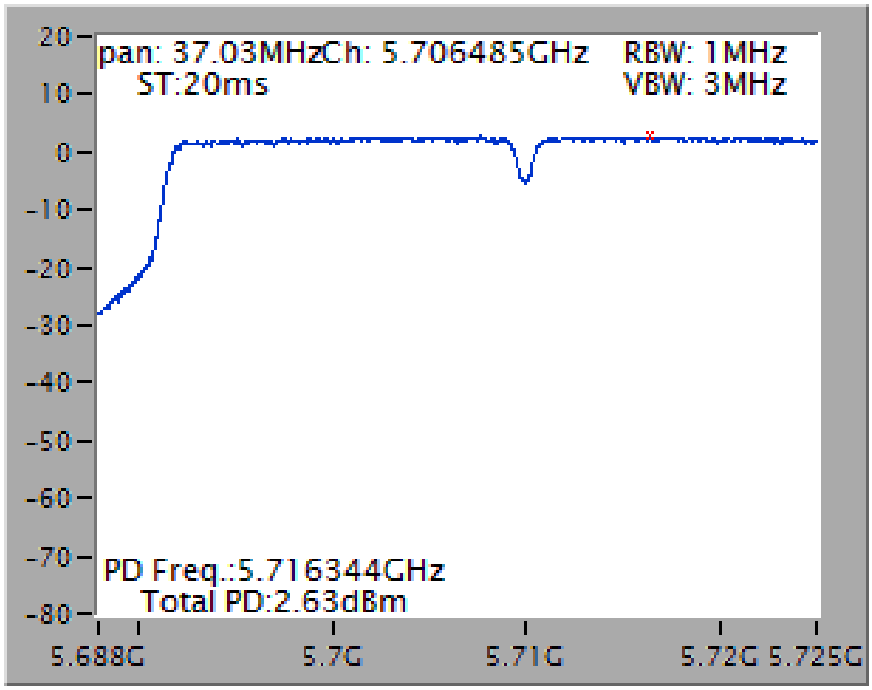
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



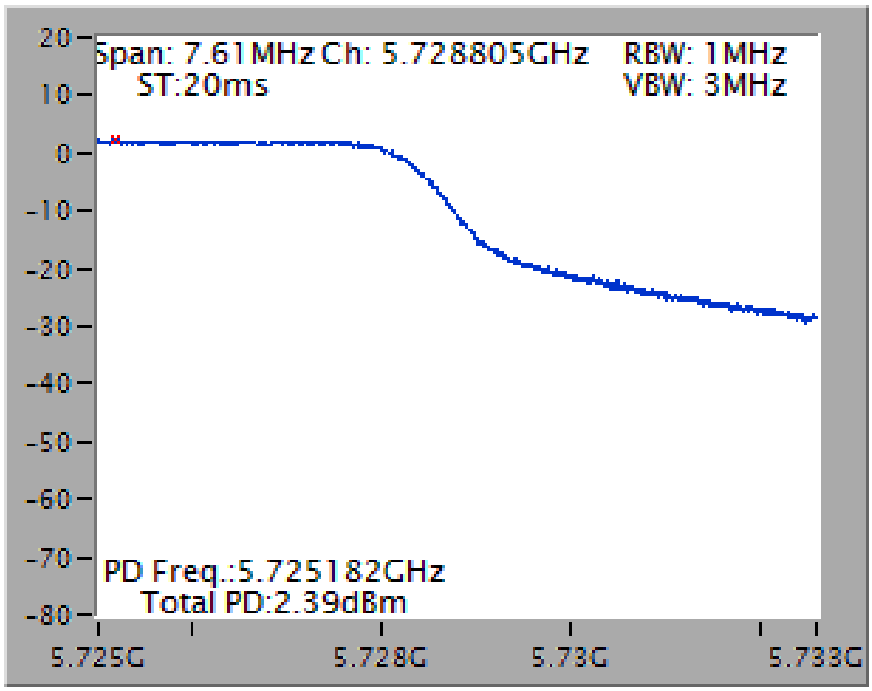
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



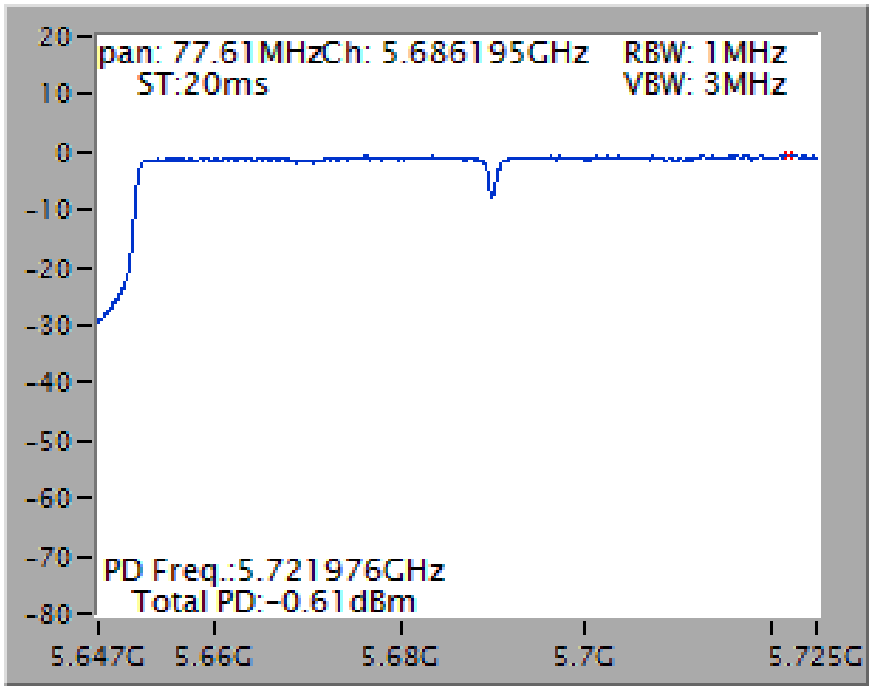
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



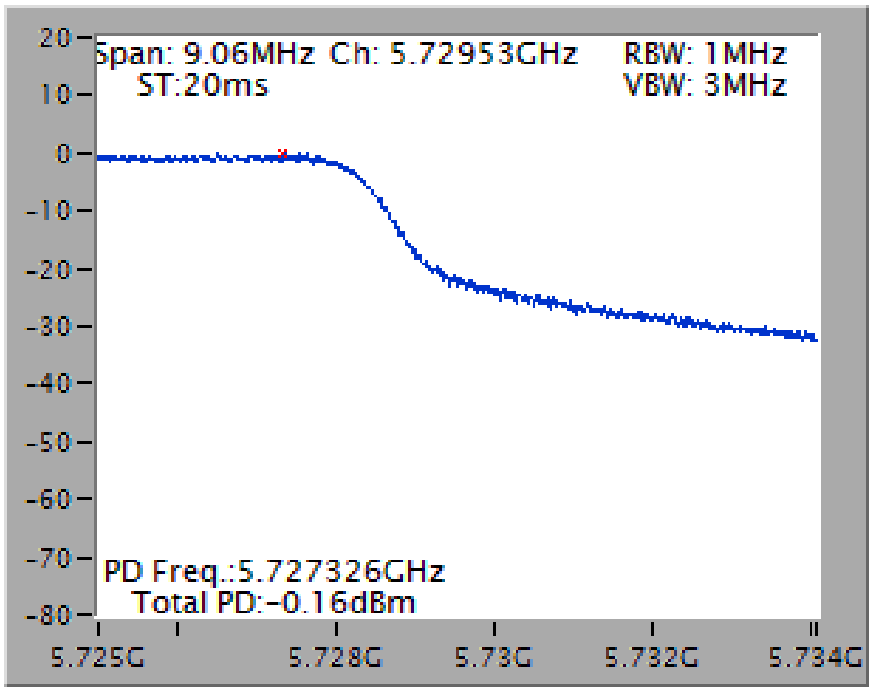
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

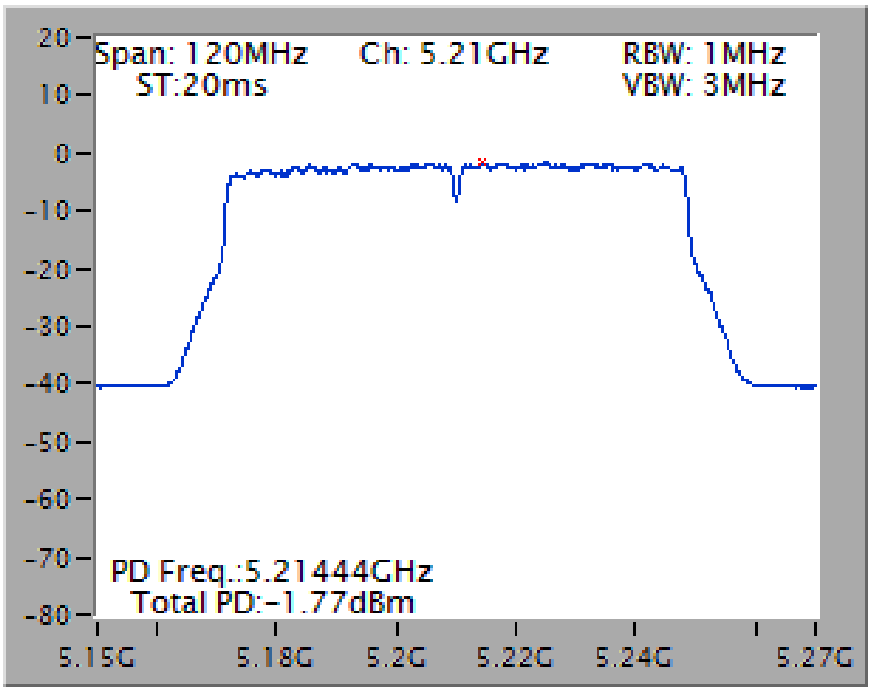


802.11ac MCS0/Nss2 VHT80+80

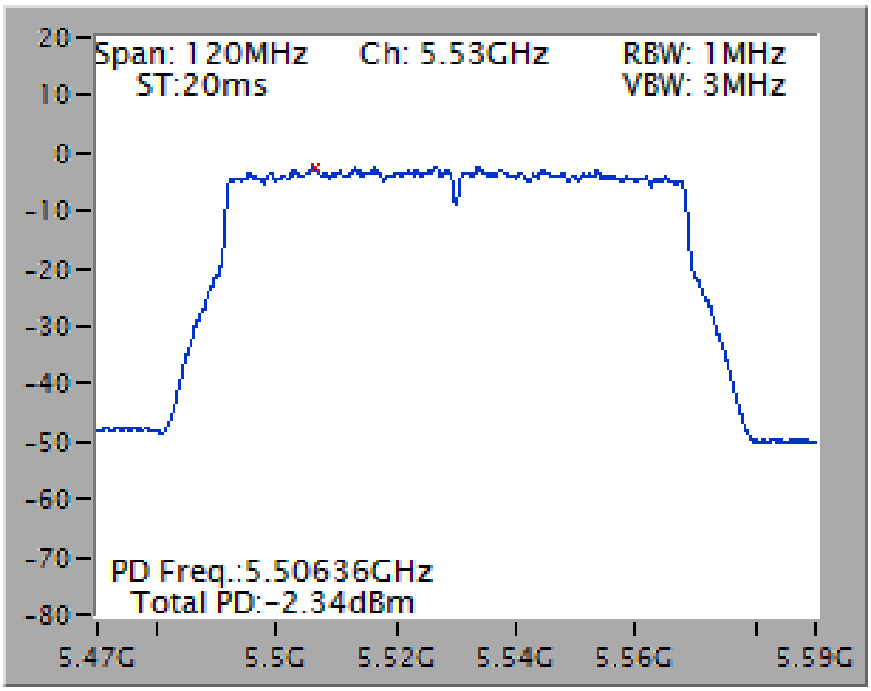
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

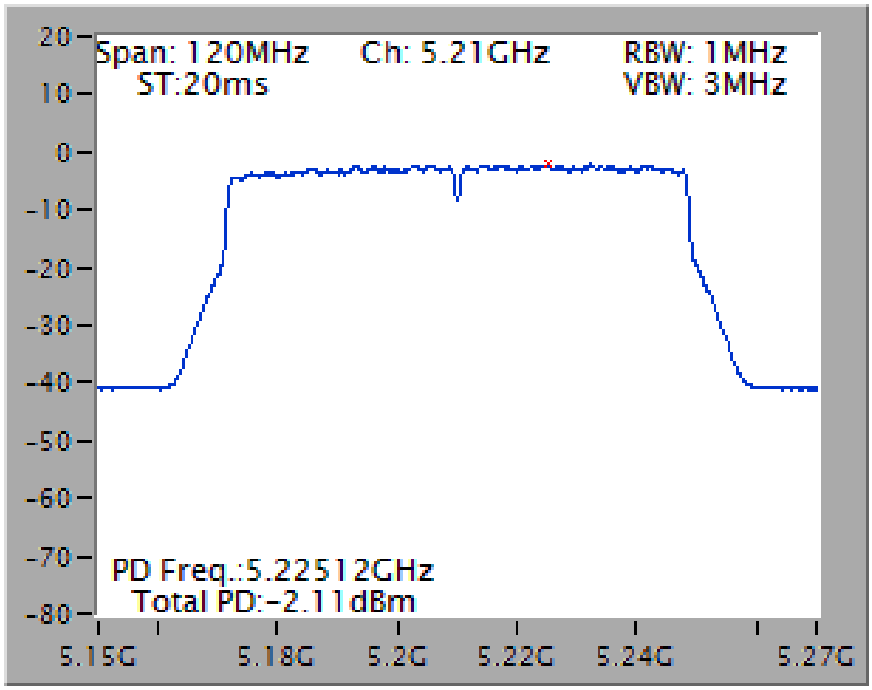


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

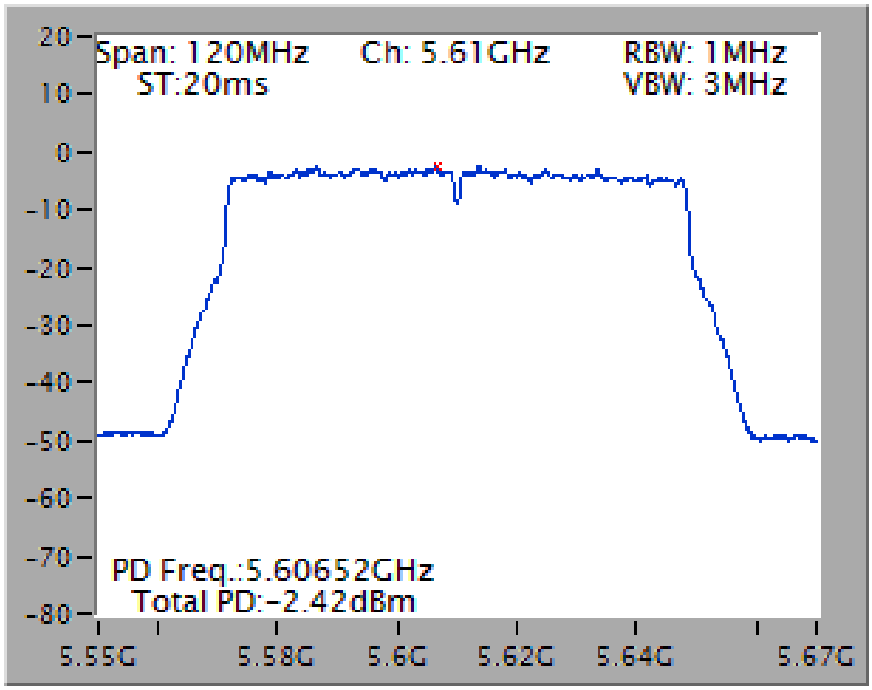


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

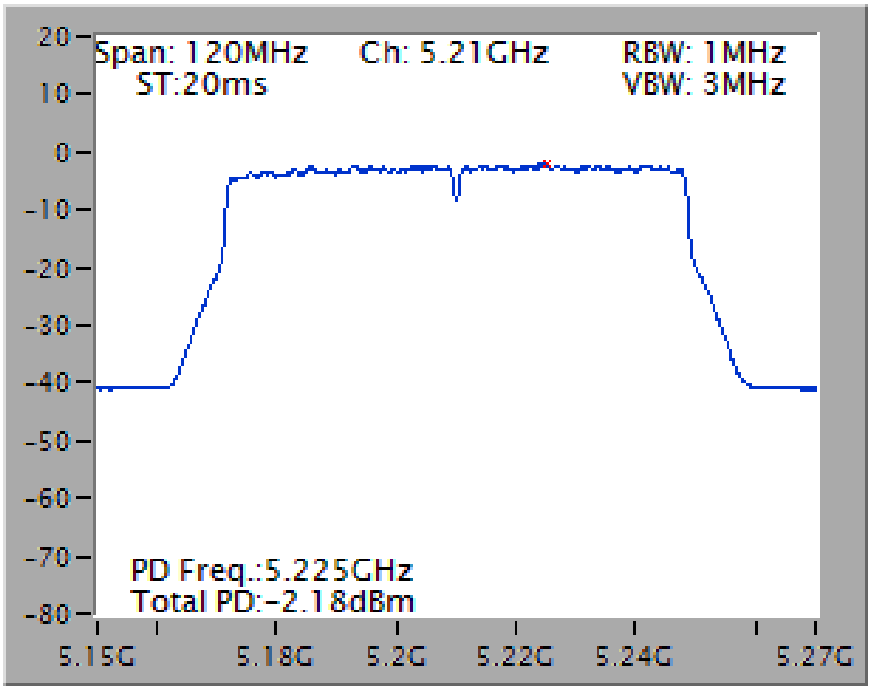


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

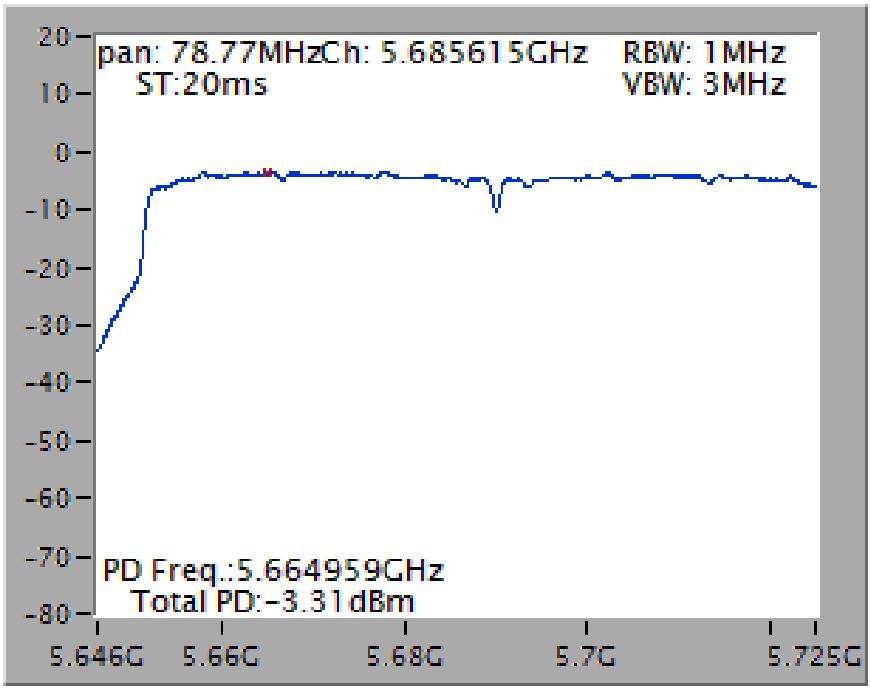


Type 3

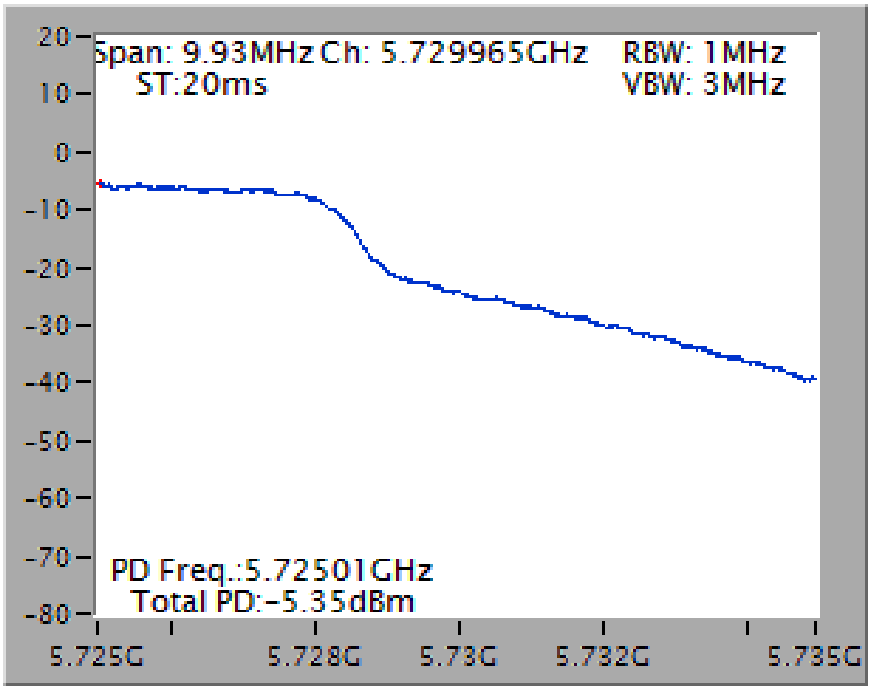
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

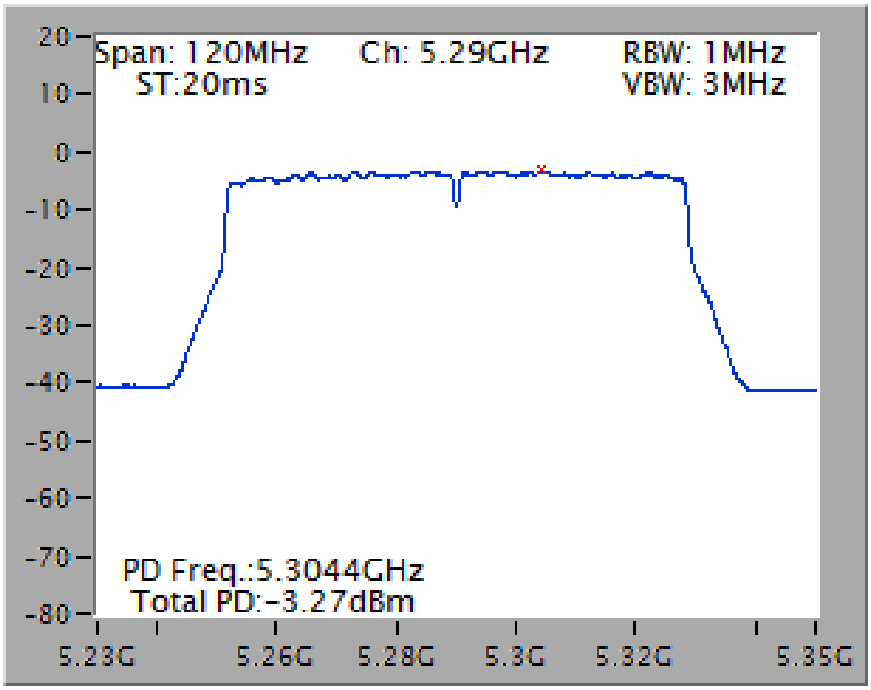


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

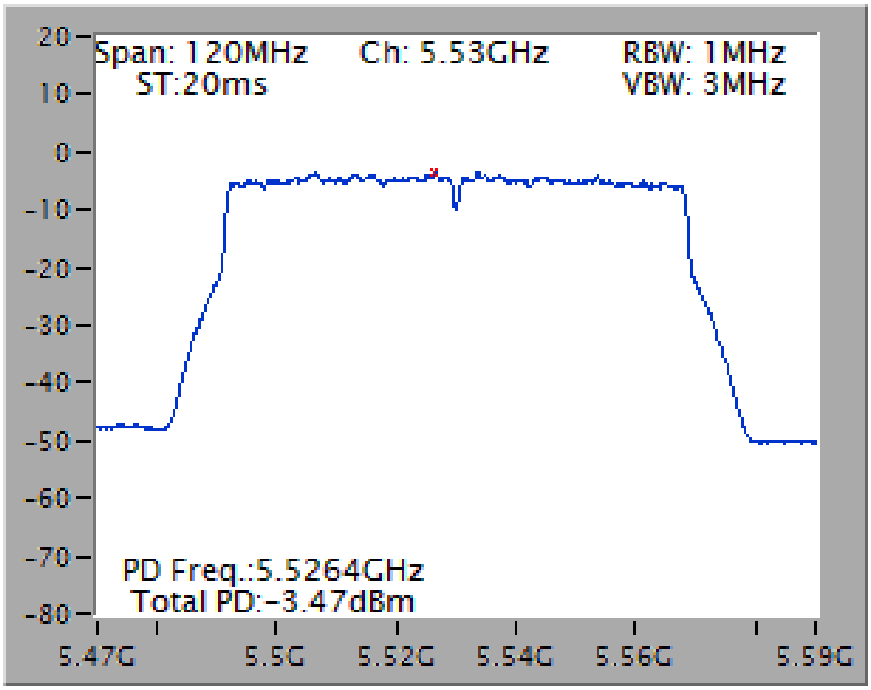


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

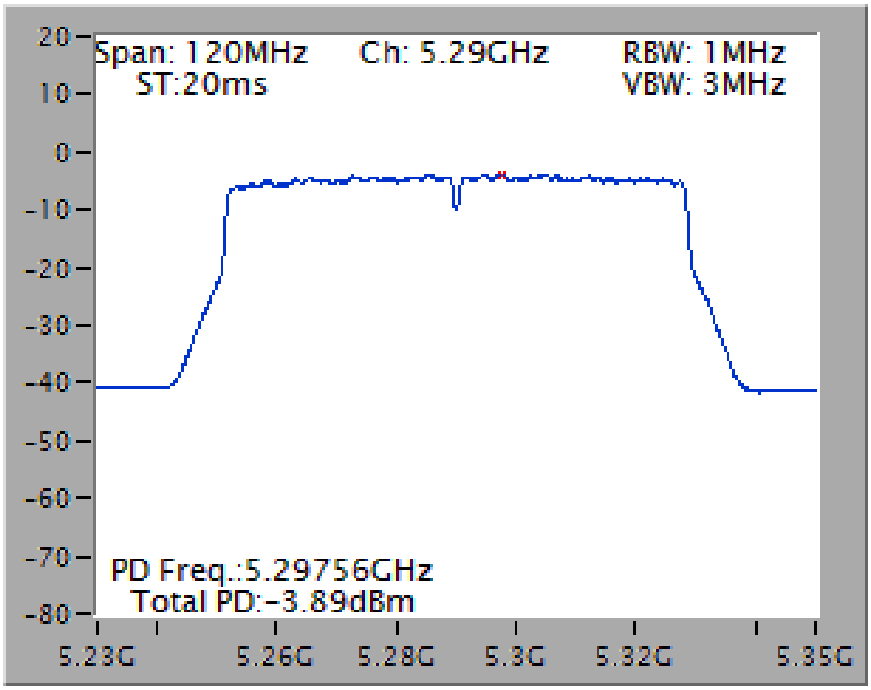


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

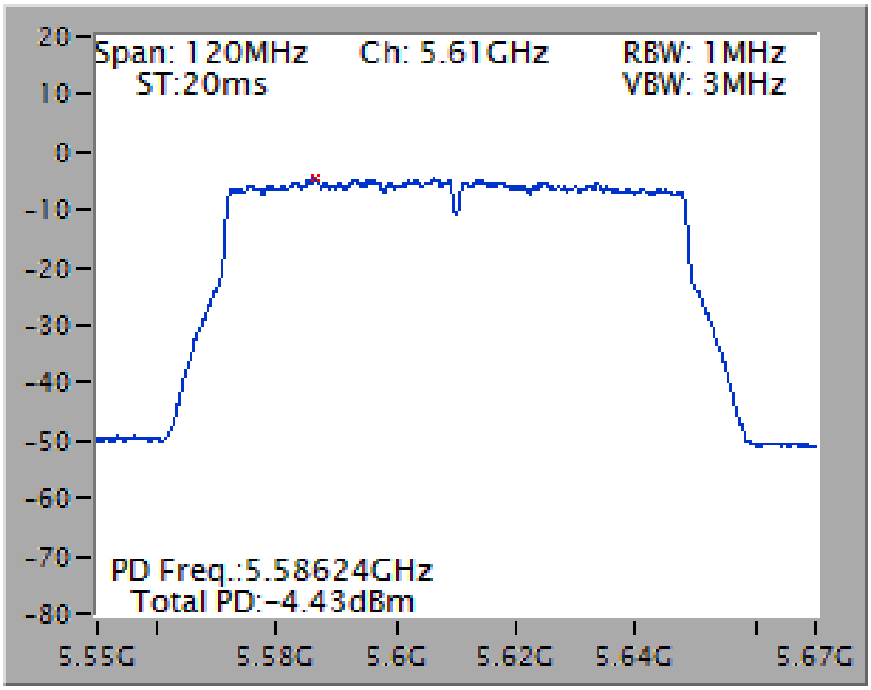


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

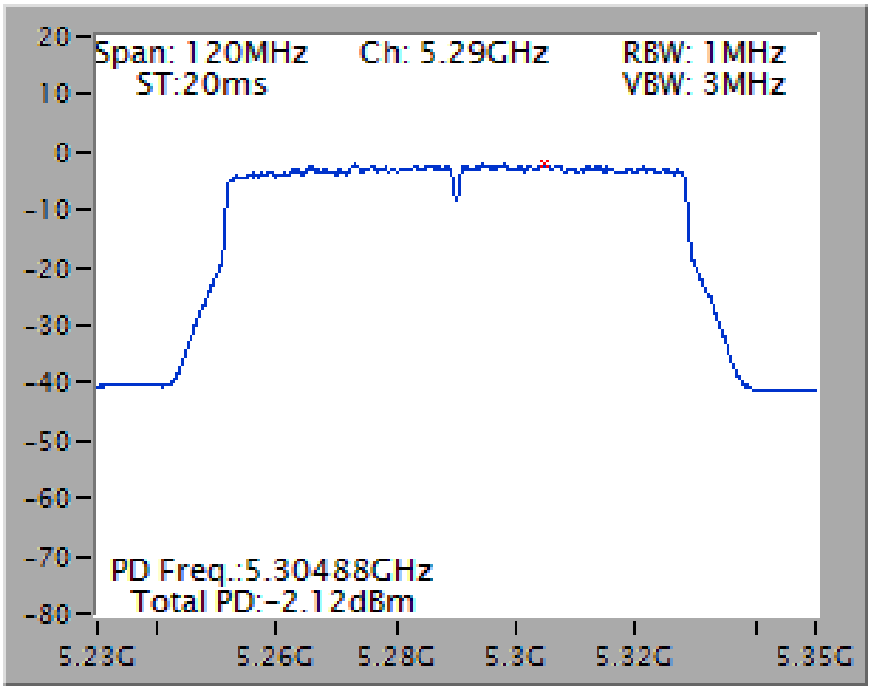


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

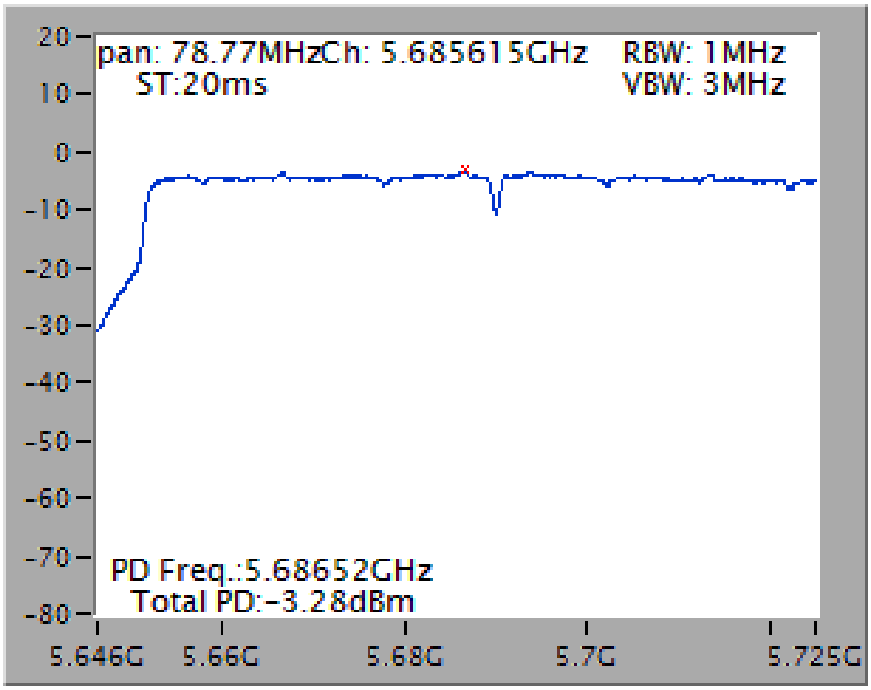


Type 6

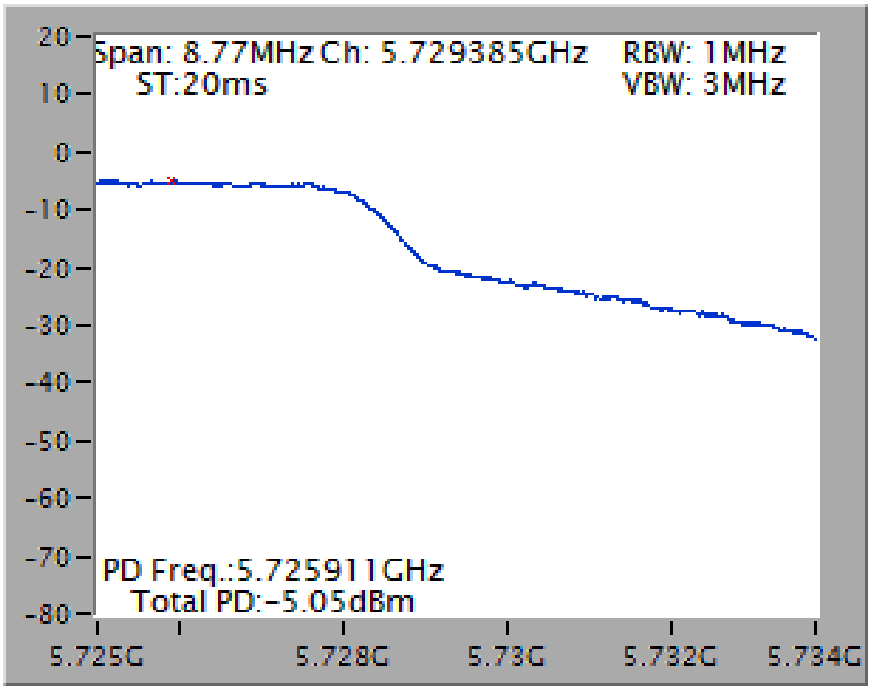
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

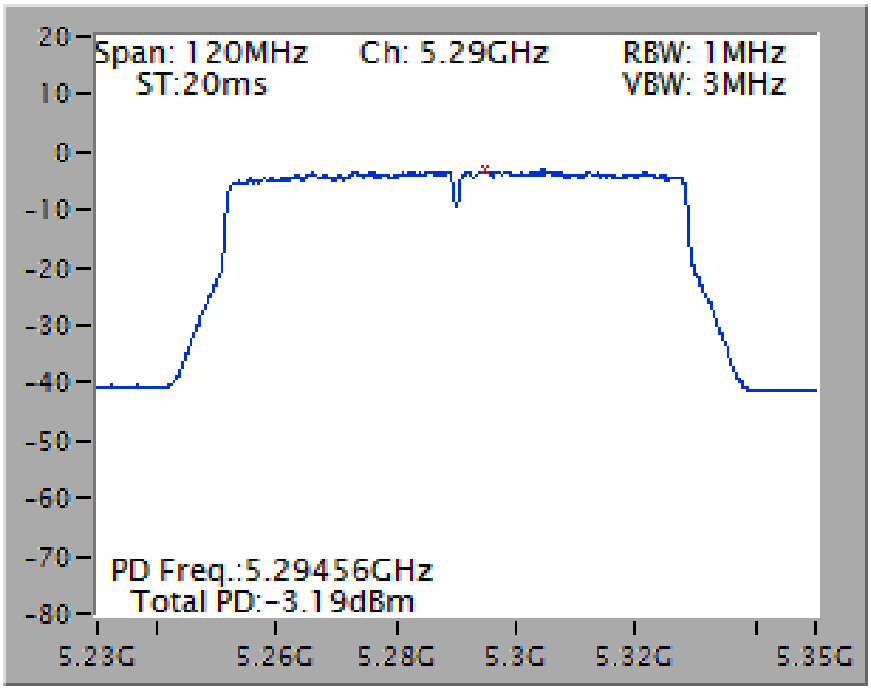


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

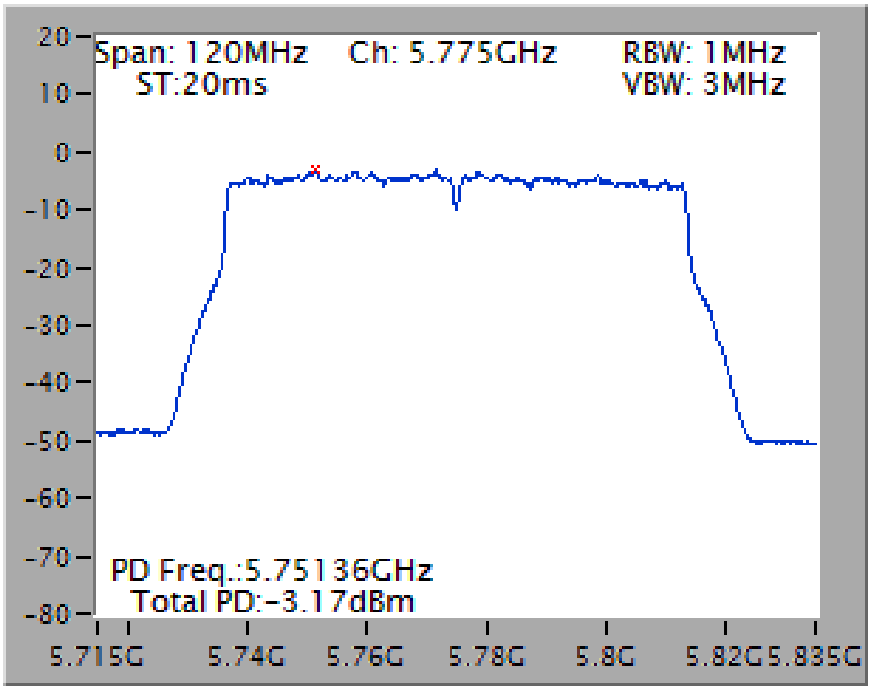


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

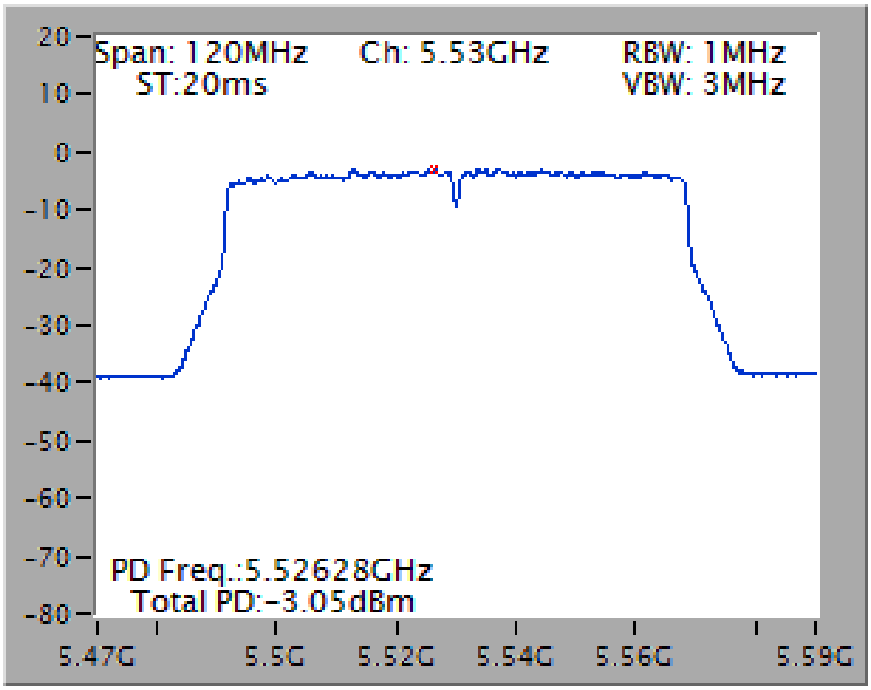


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

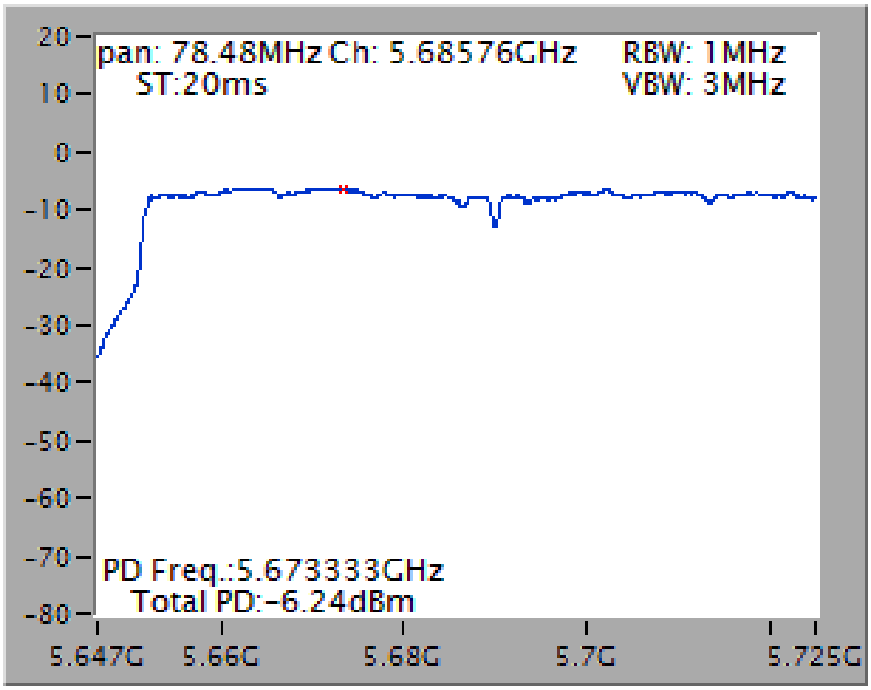


Type 8

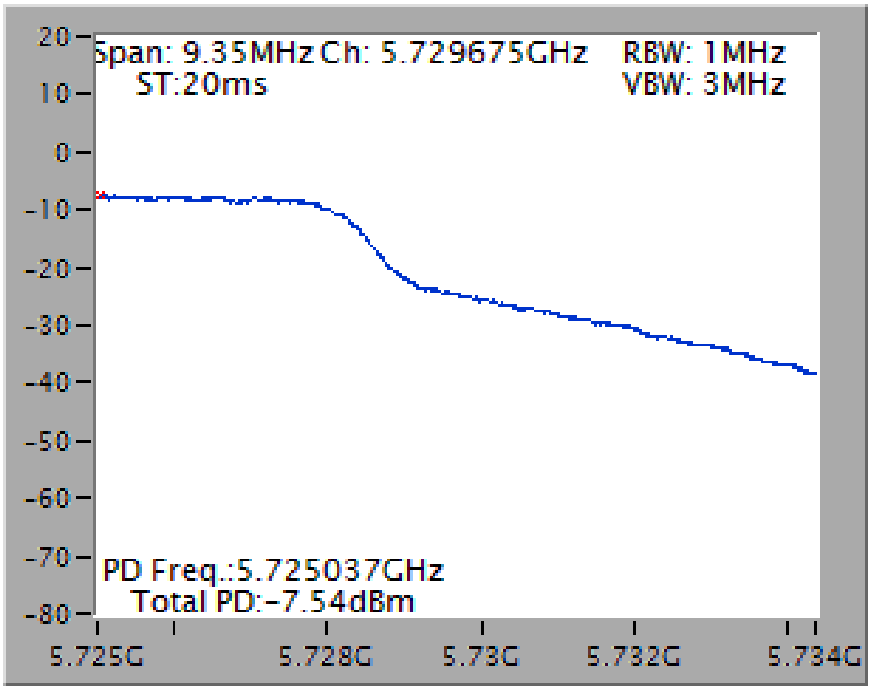
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

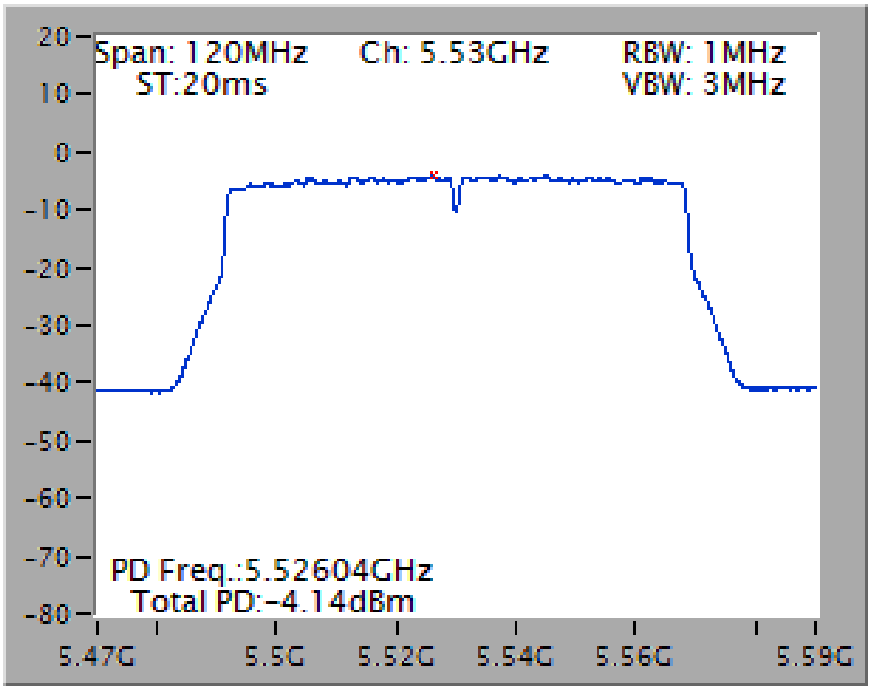


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

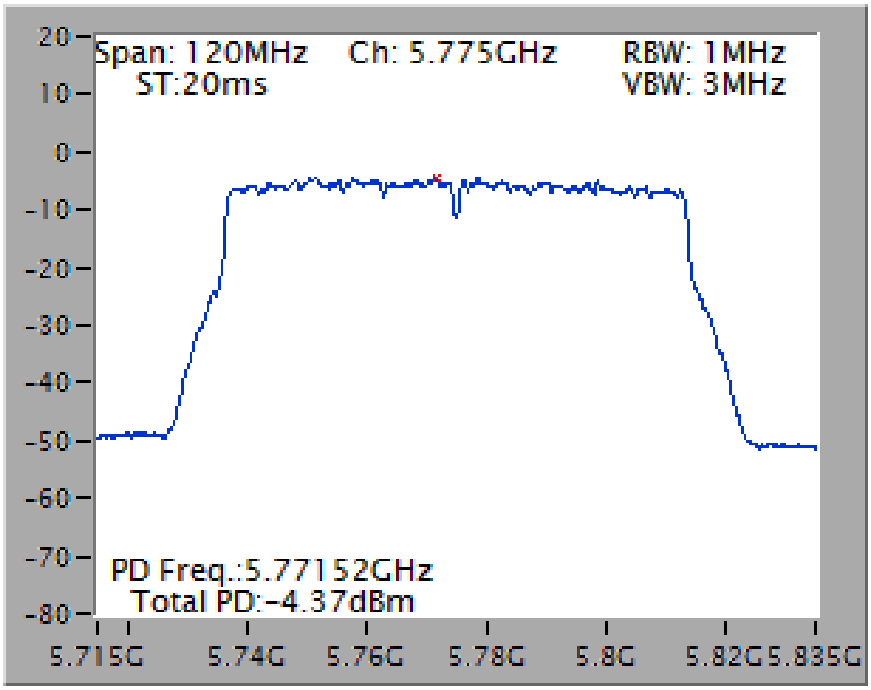


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

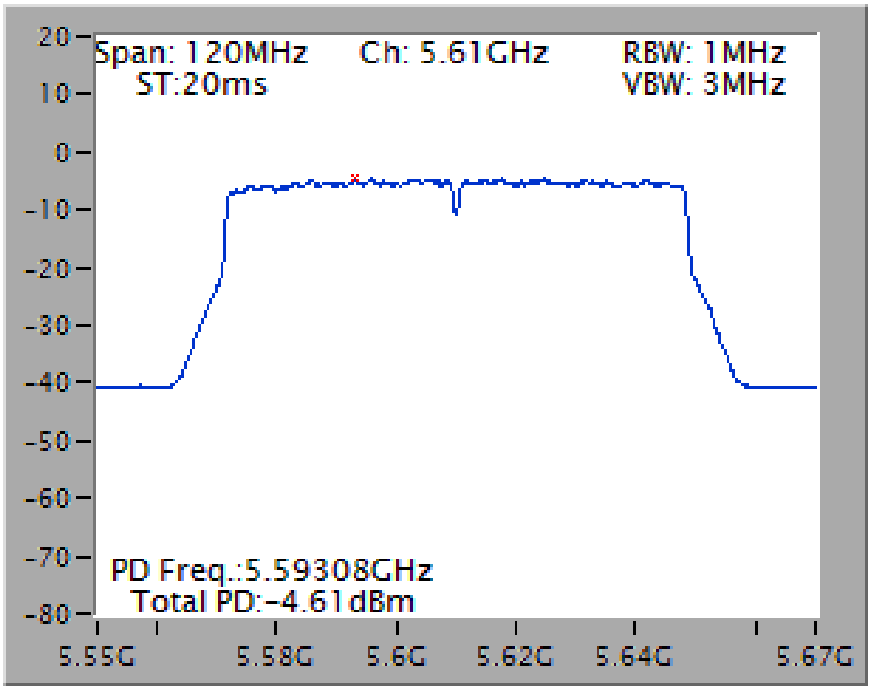


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

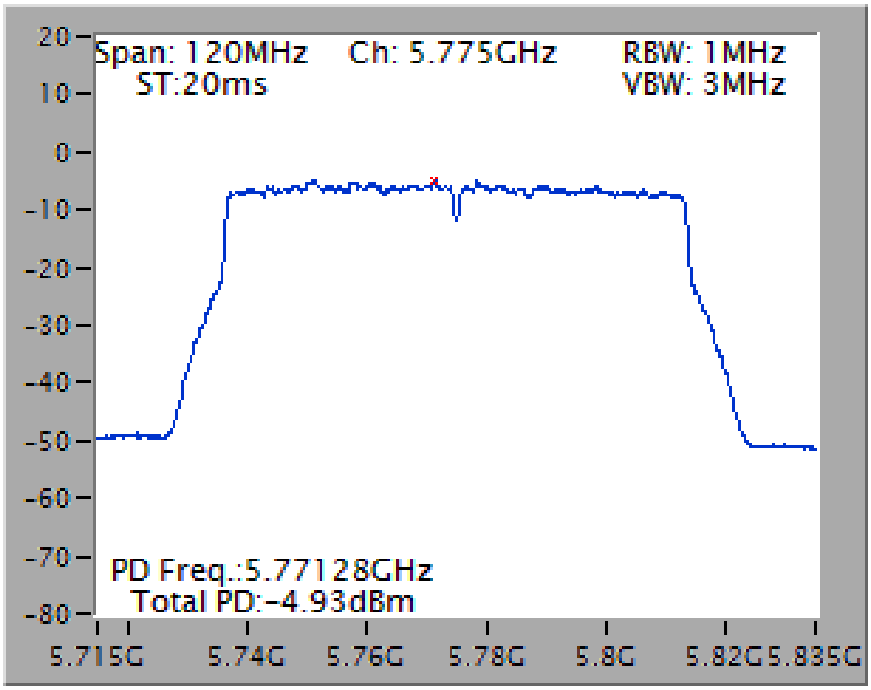


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

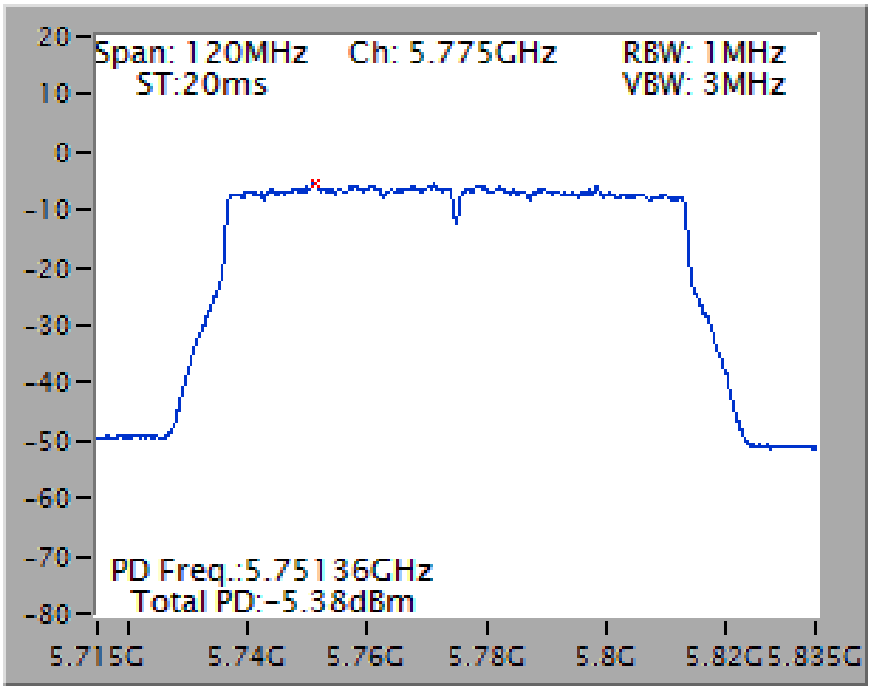


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

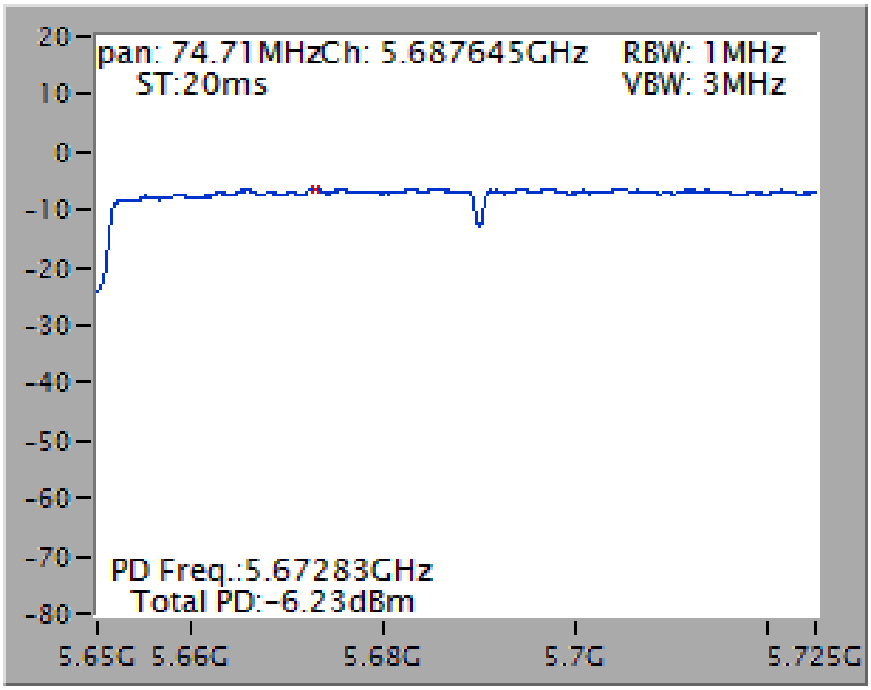


Type 11

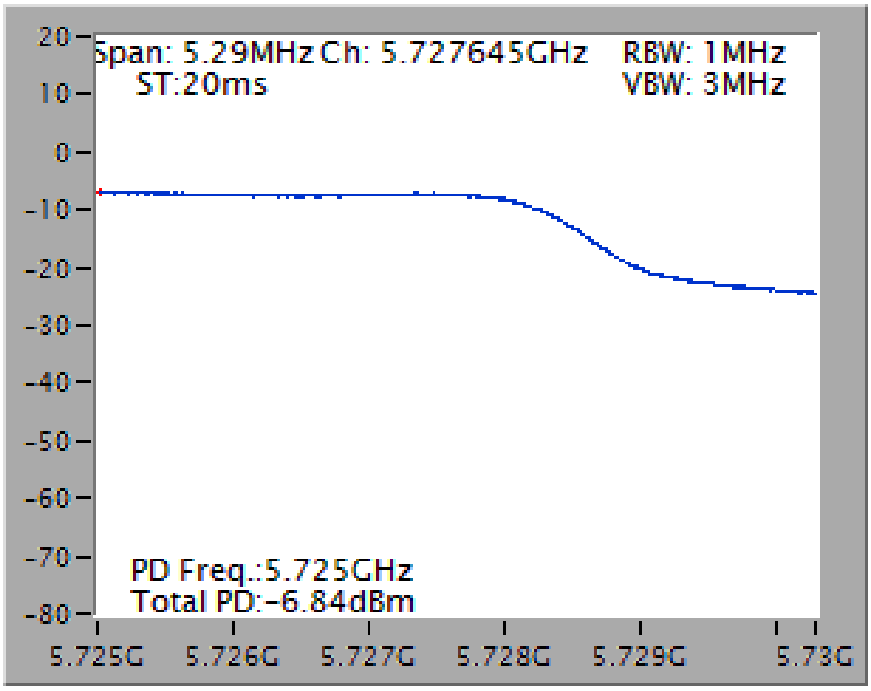
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

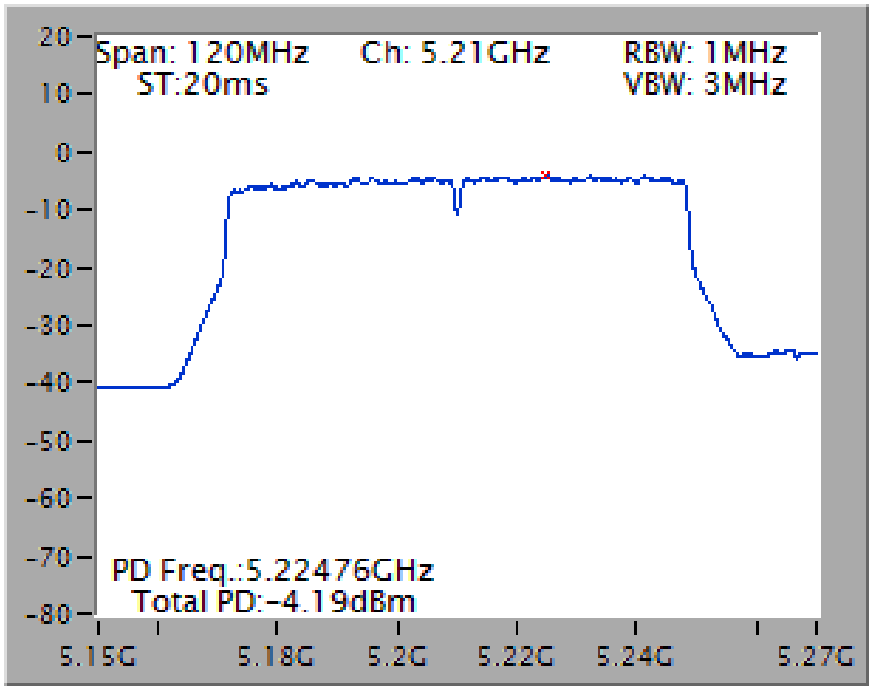


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

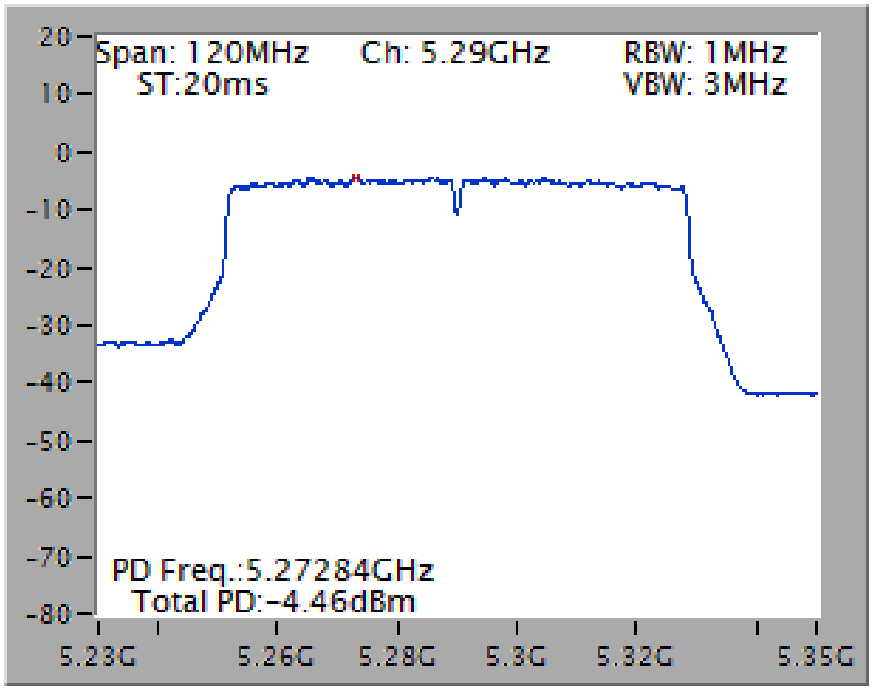


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

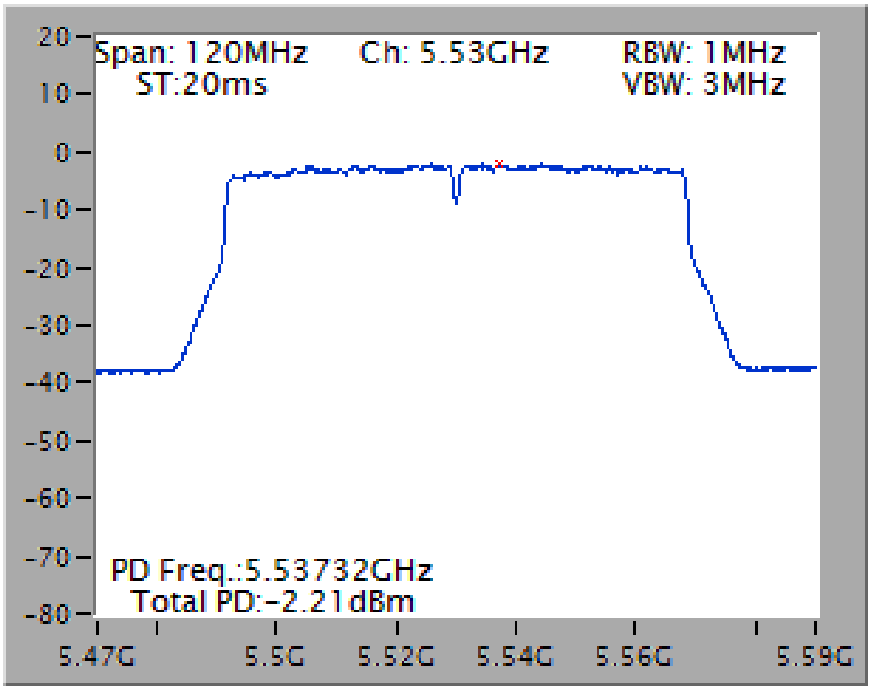


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

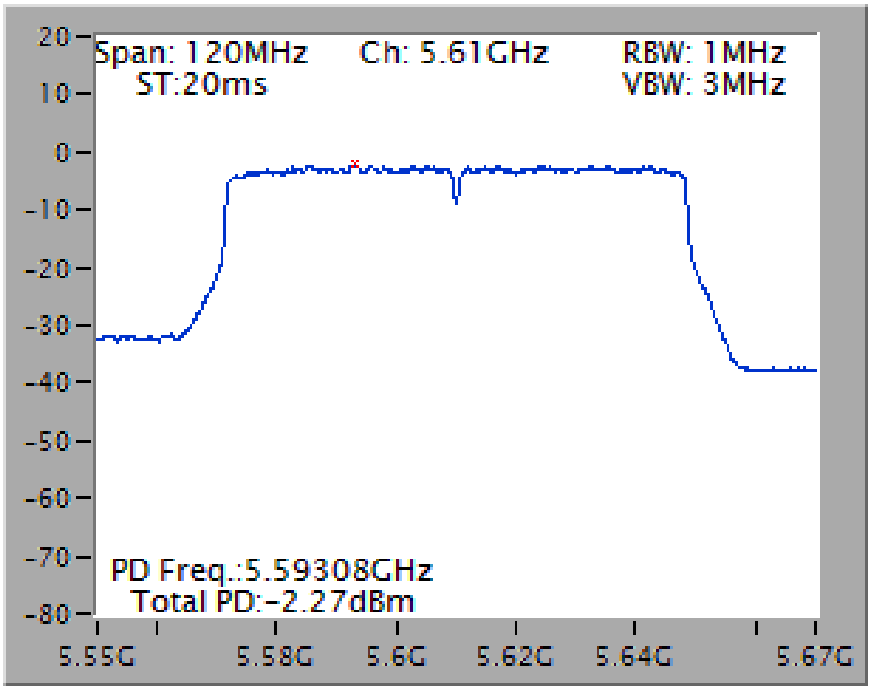


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

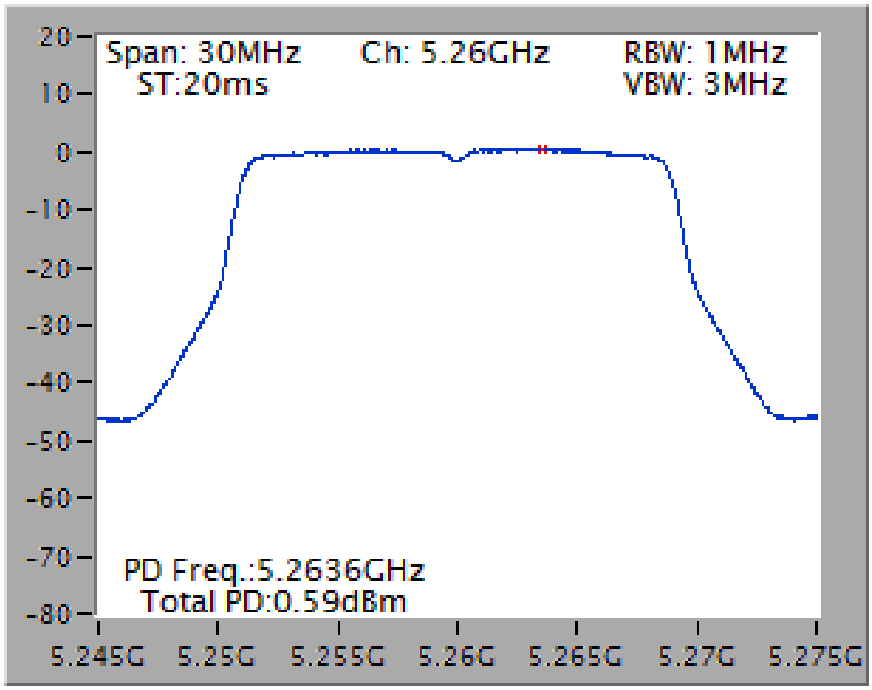


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

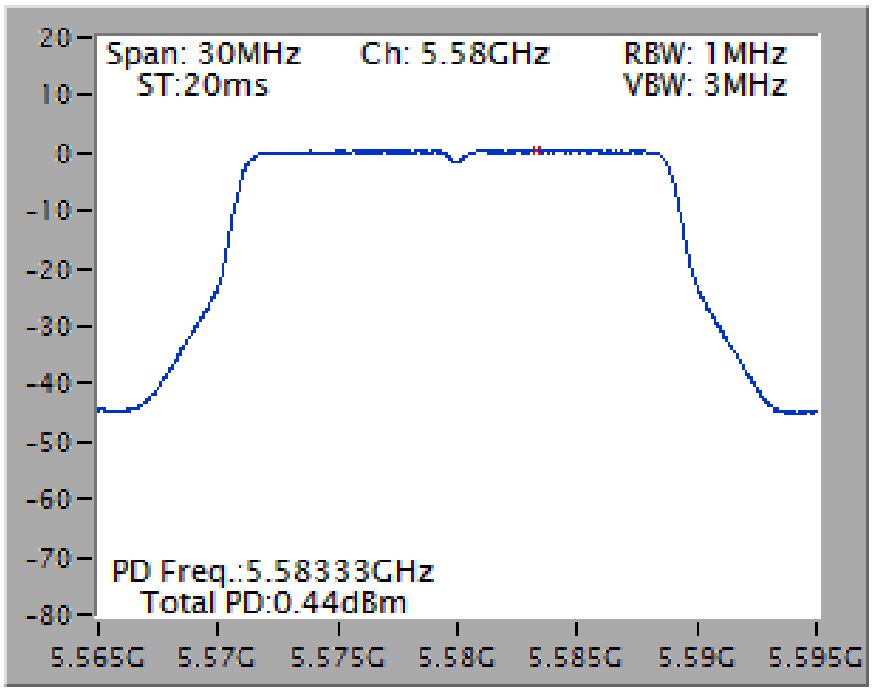


For Mode 4:

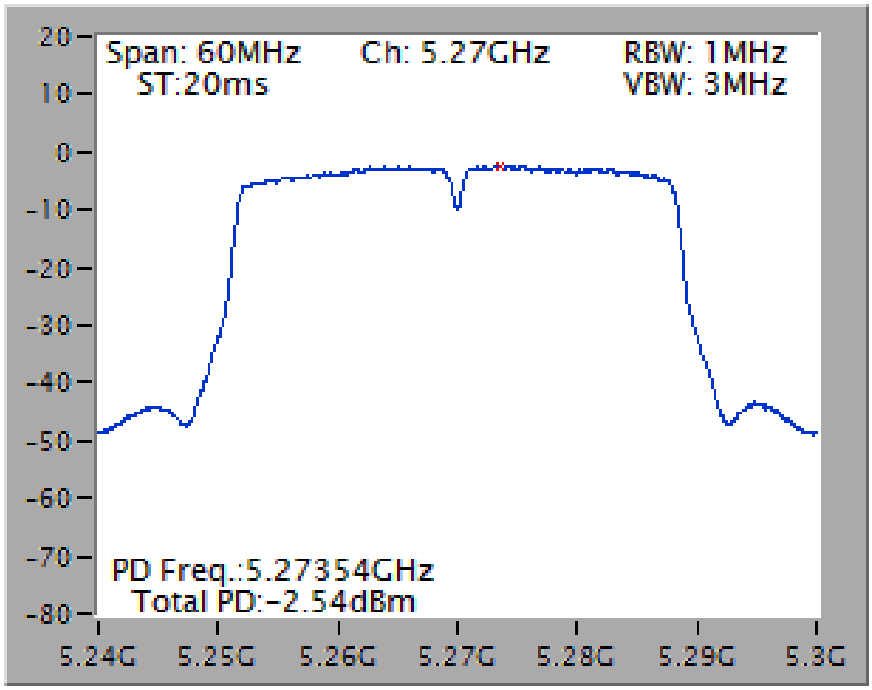
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5260 MHz



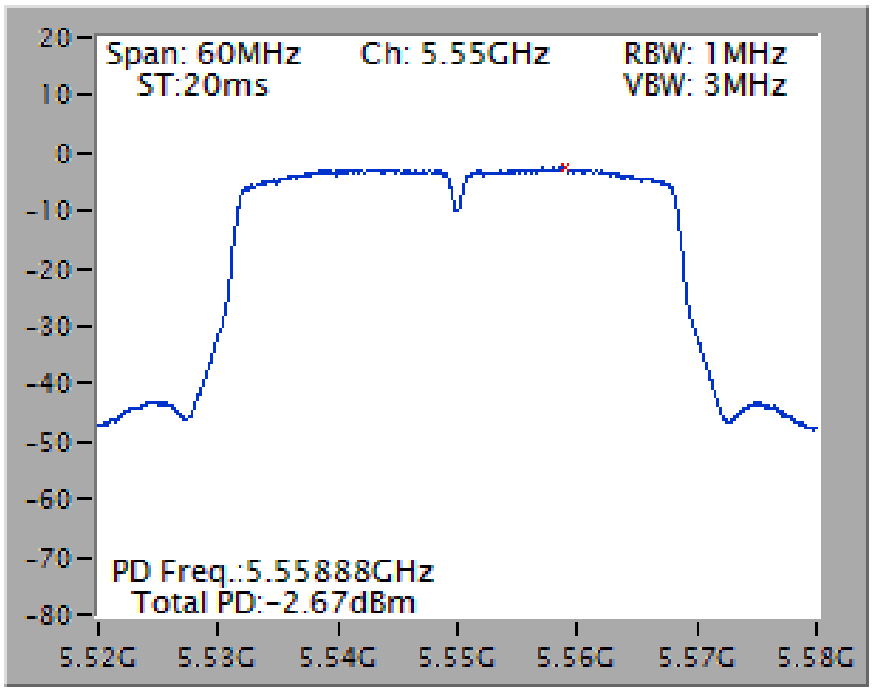
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



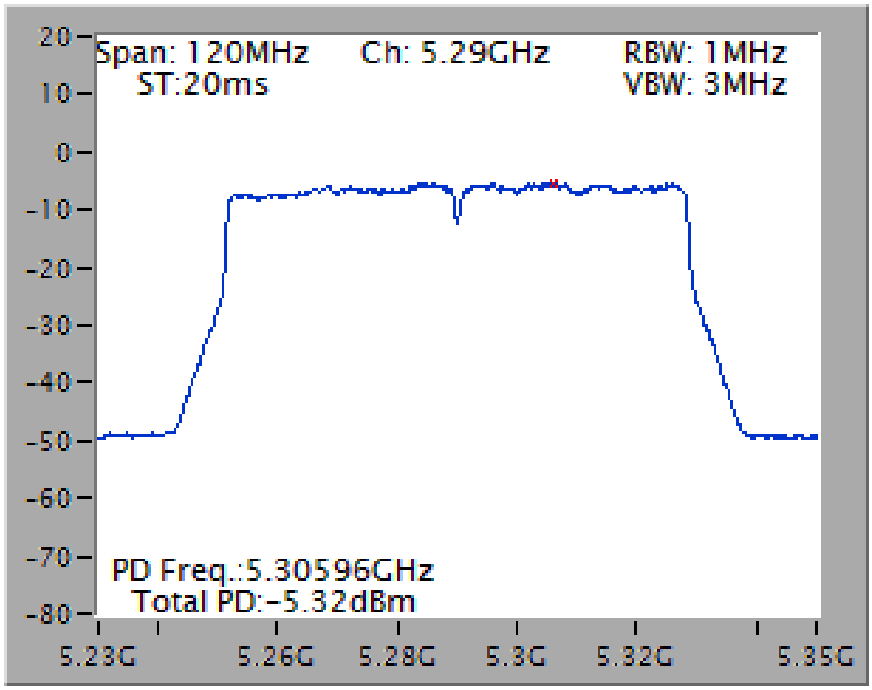
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5270 MHz



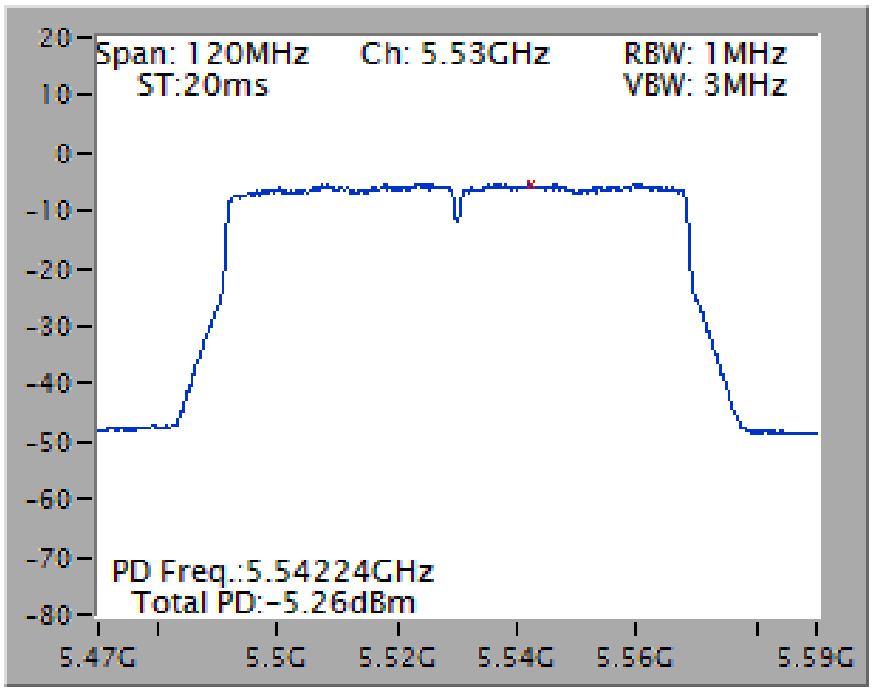
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



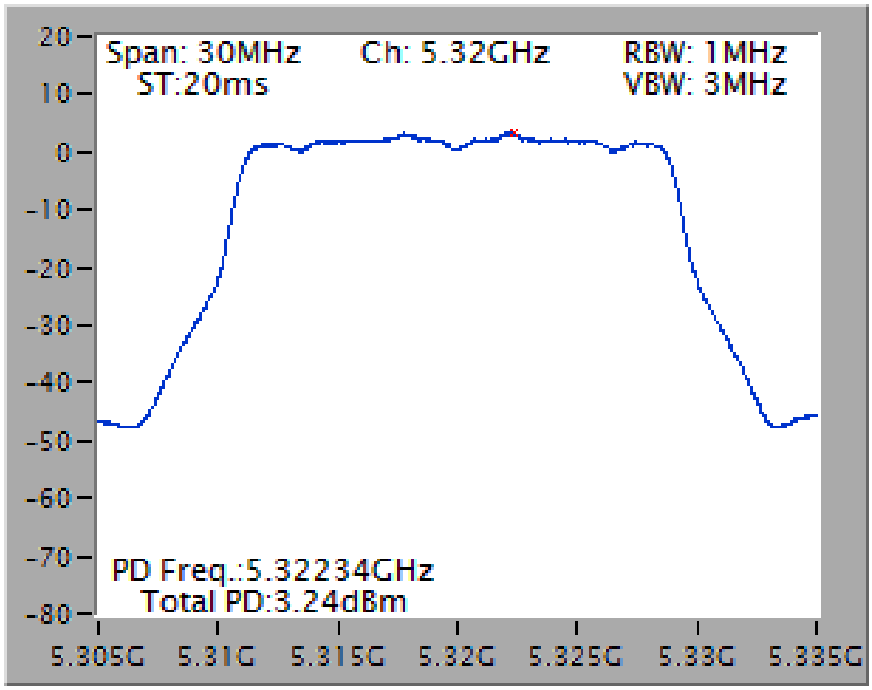
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



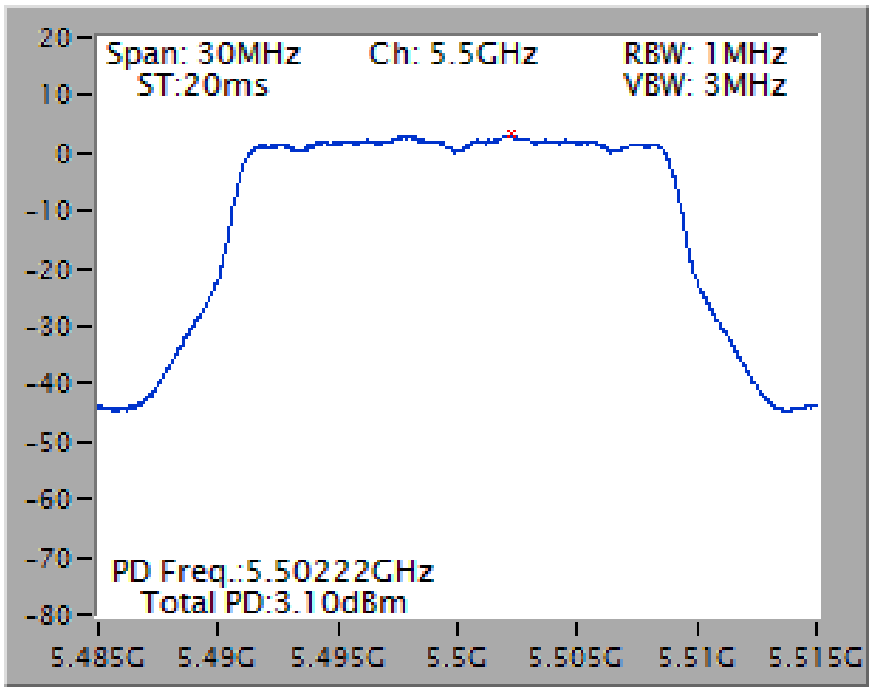
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



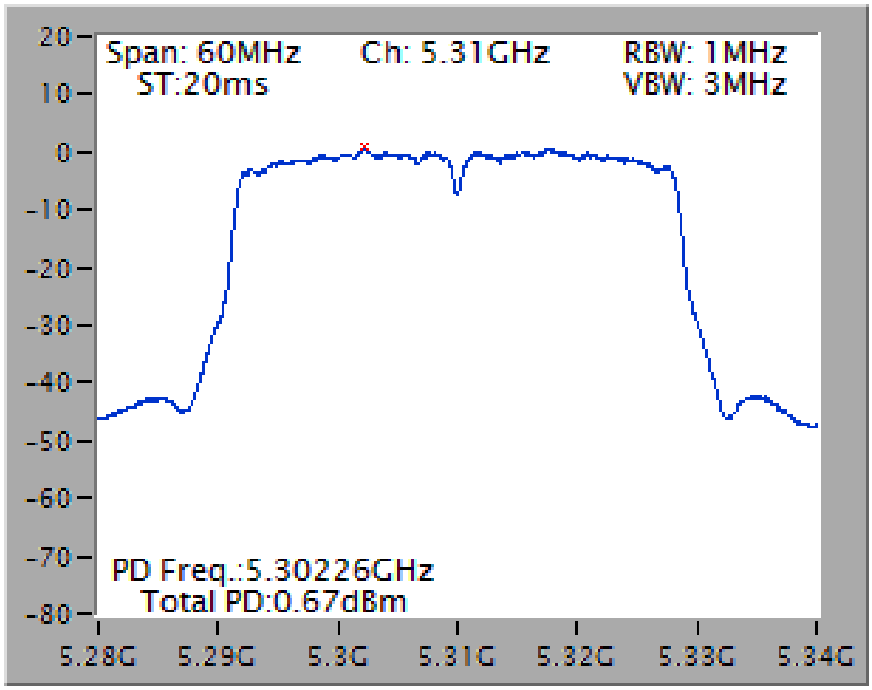
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5320 MHz



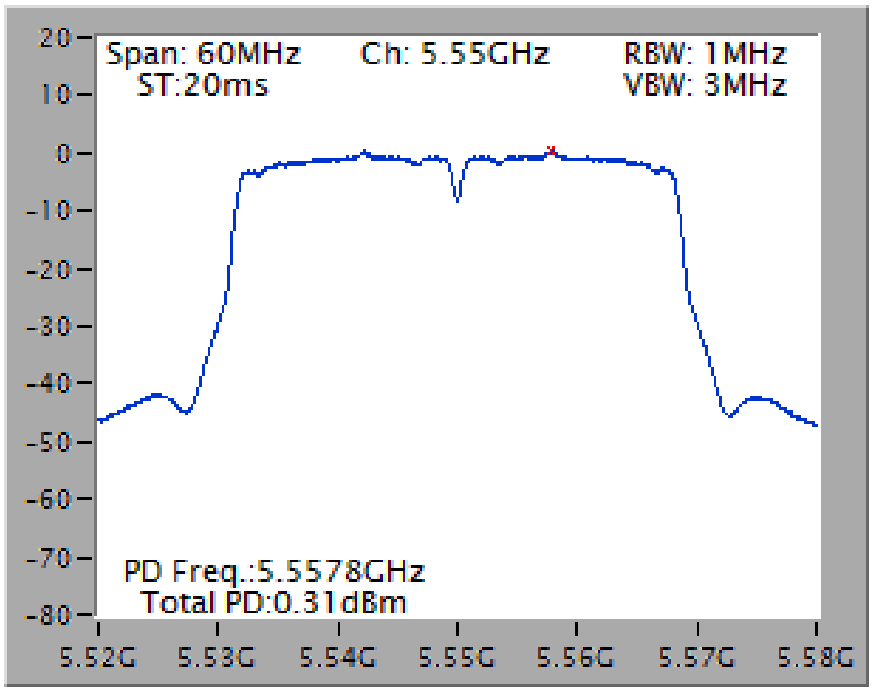
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5500 MHz



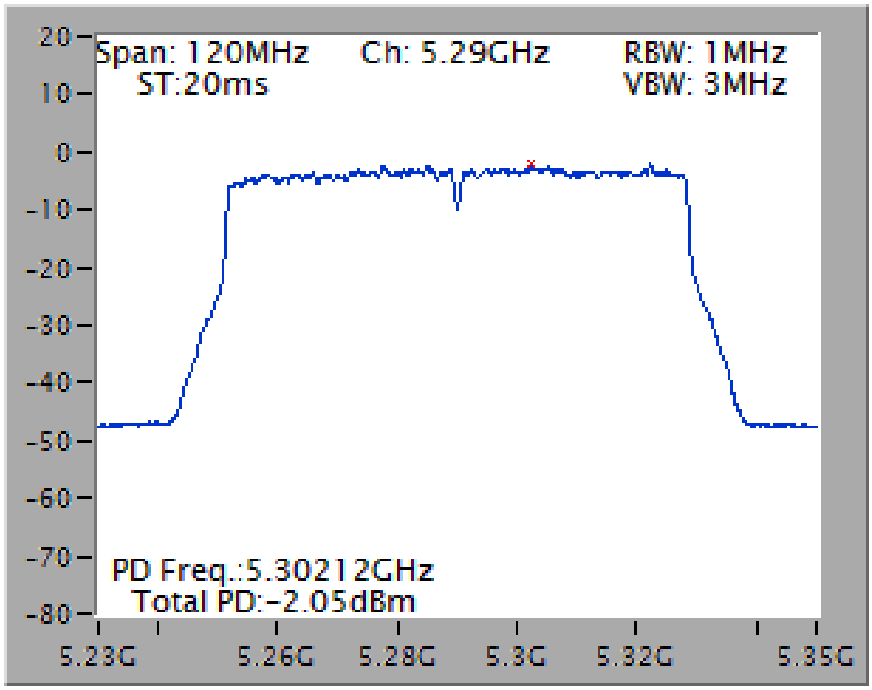
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



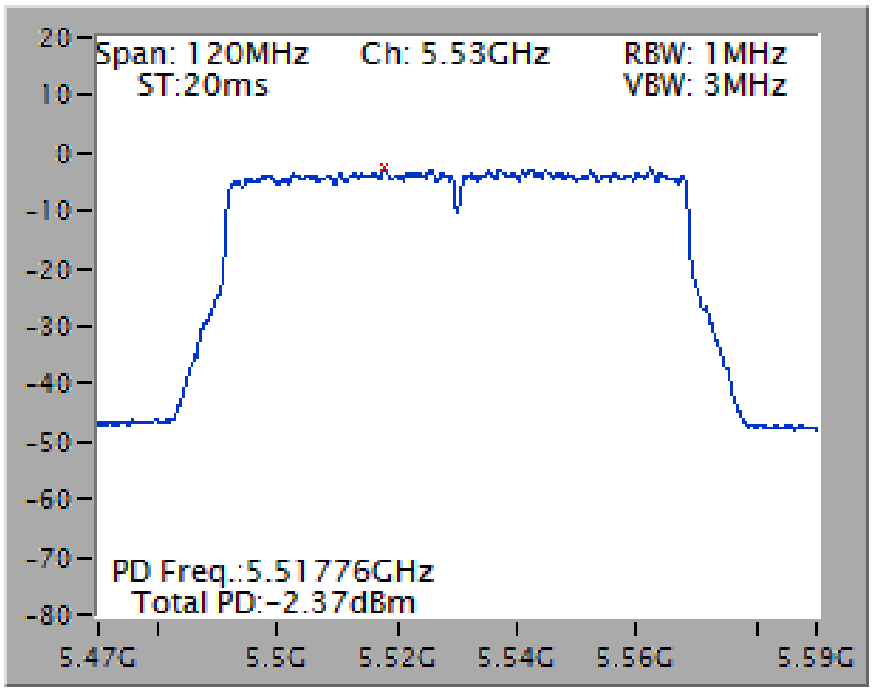
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



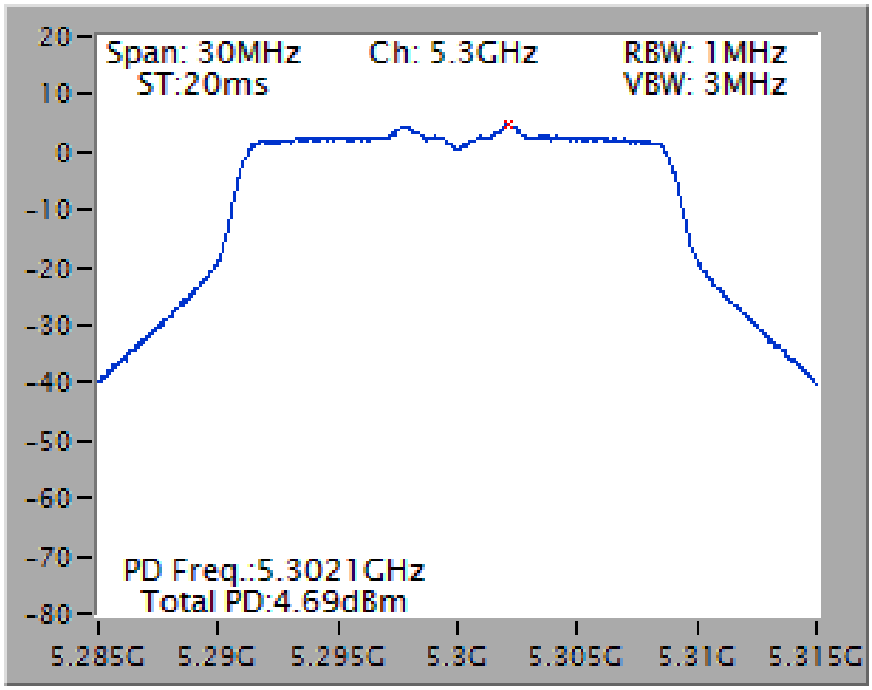
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz



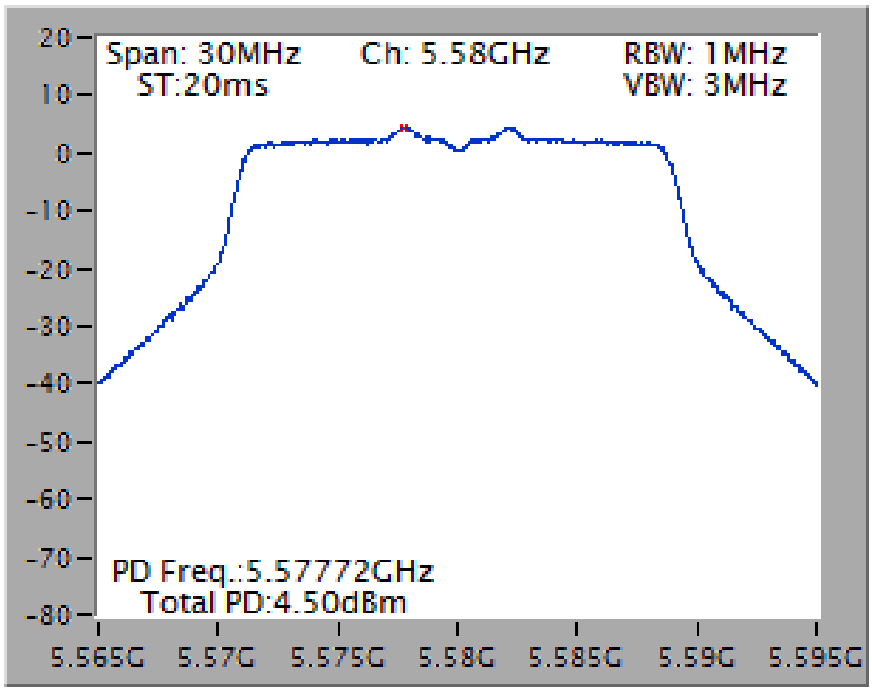
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5530 MHz



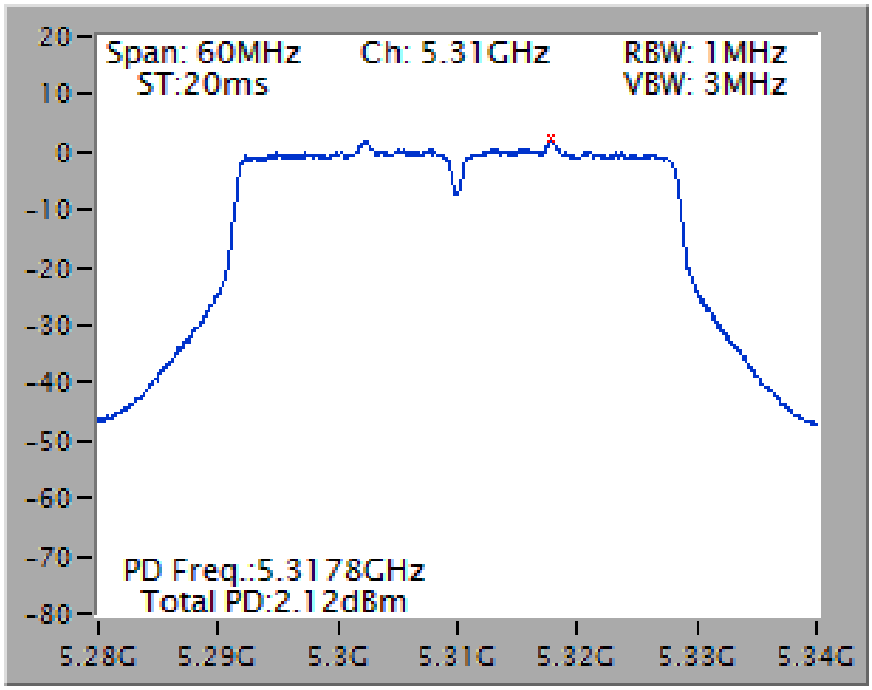
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5300 MHz



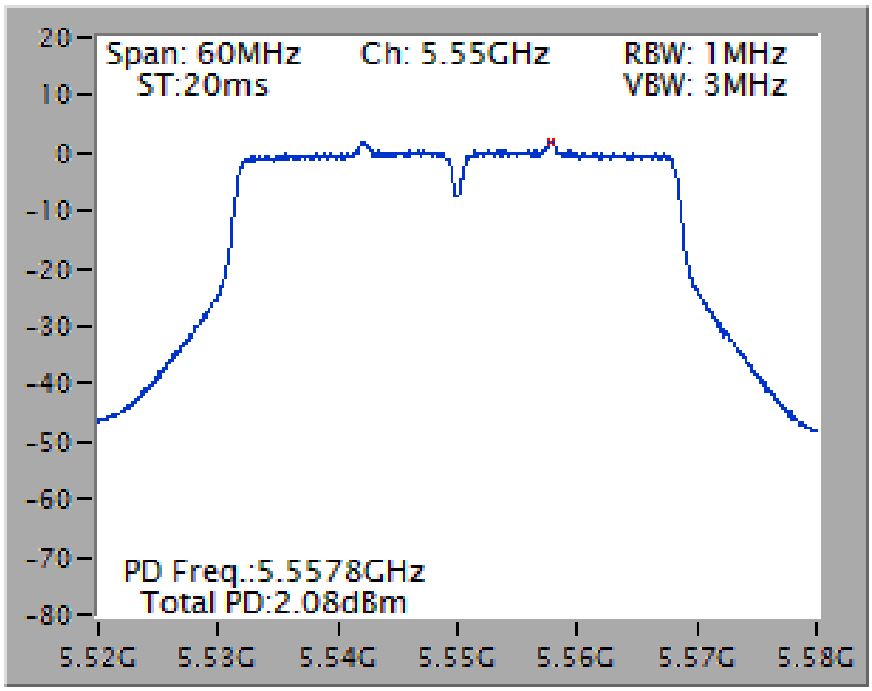
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5580 MHz



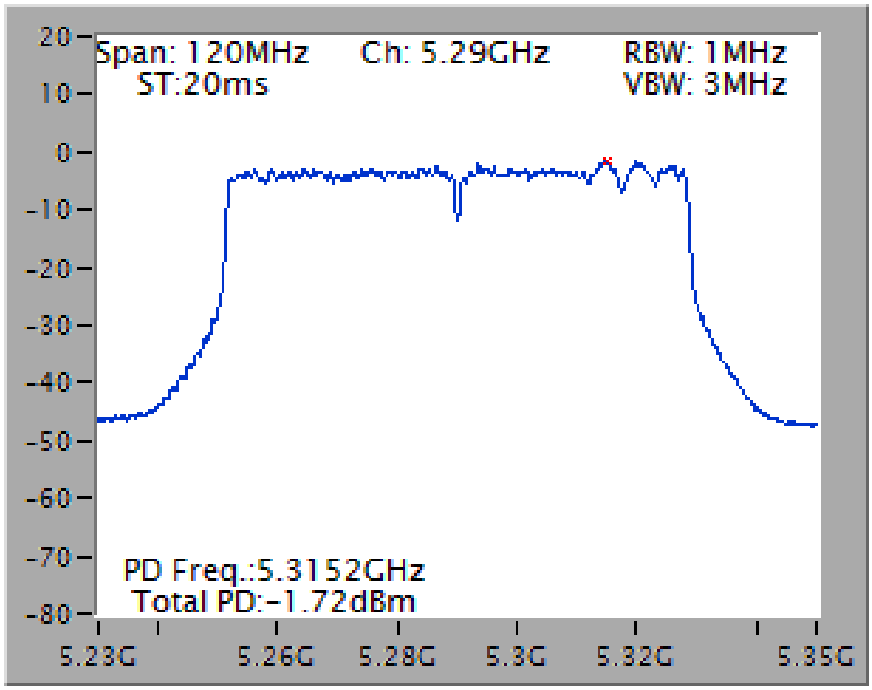
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5310 MHz



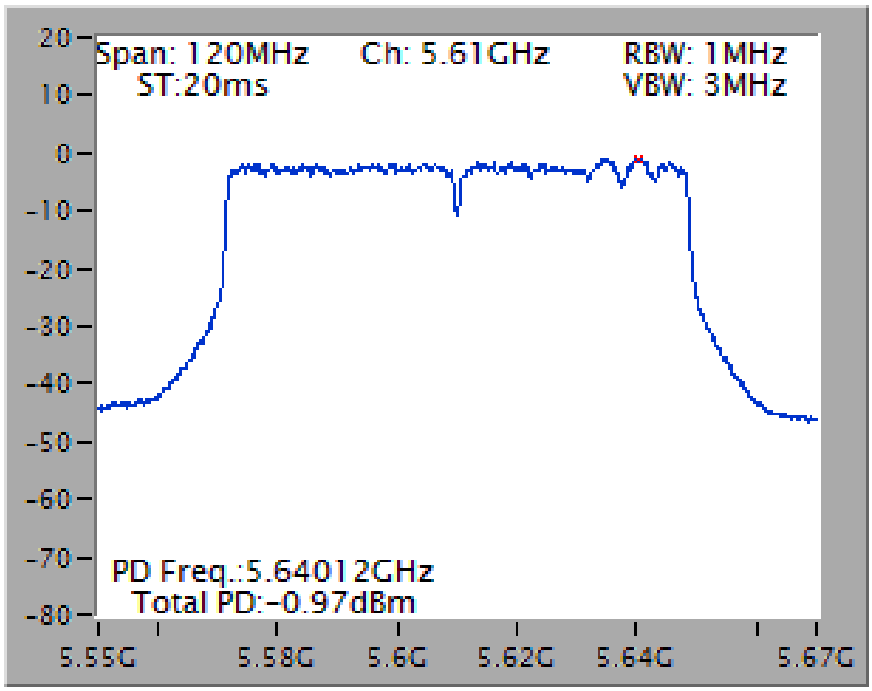
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5550 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5290 MHz

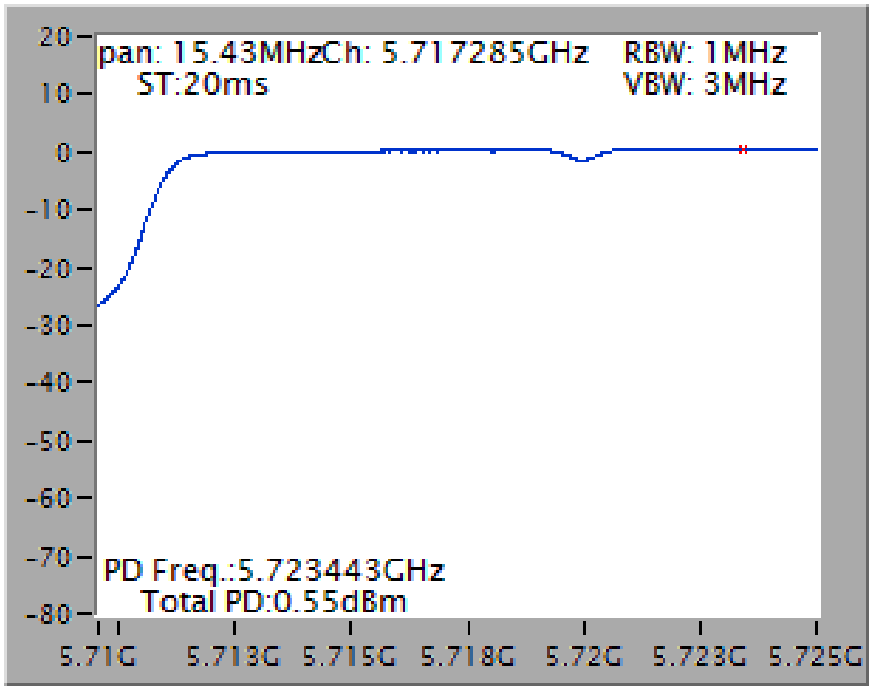


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5610 MHz

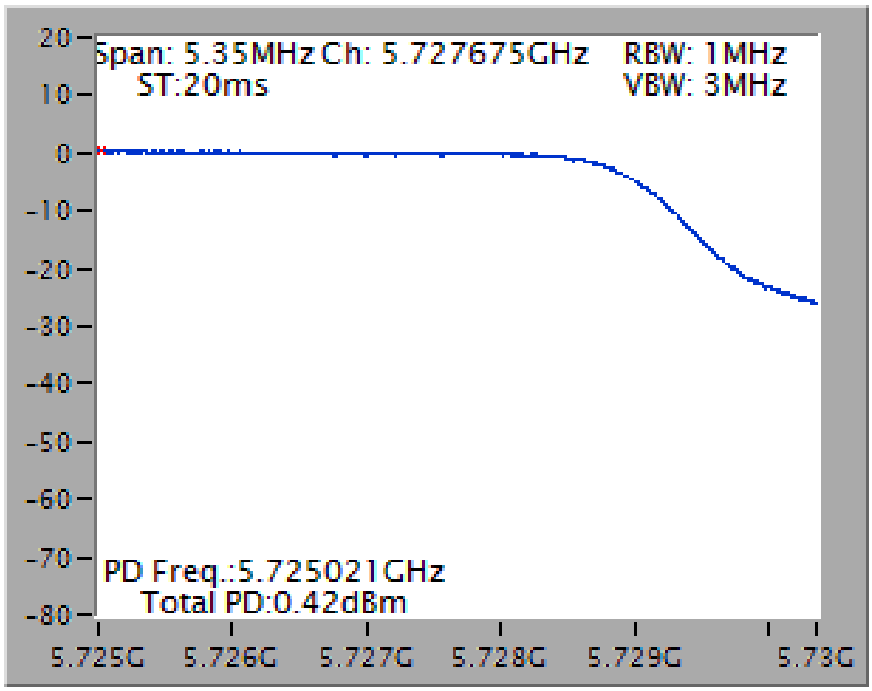


Straddle Channel

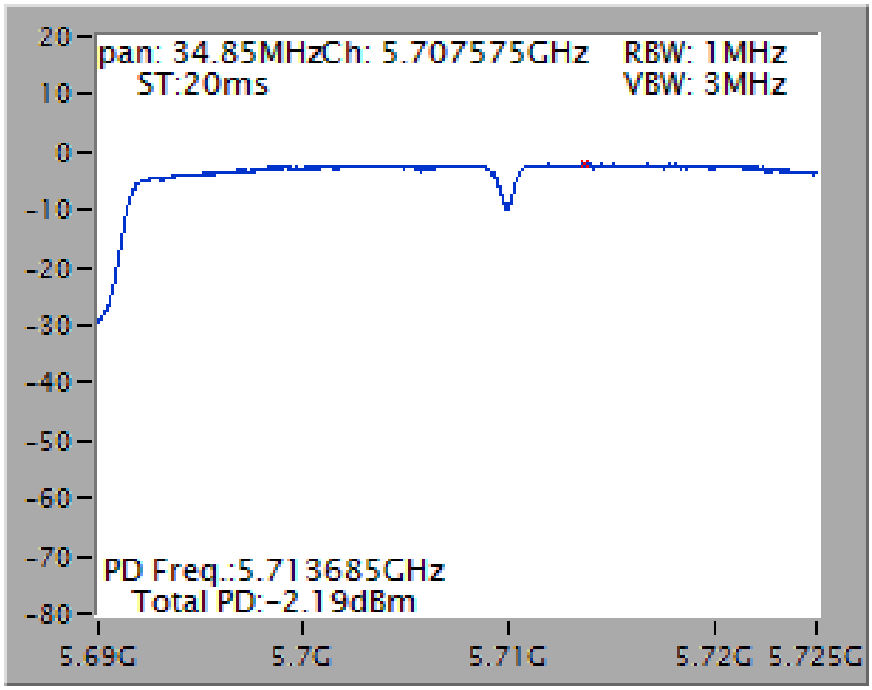
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



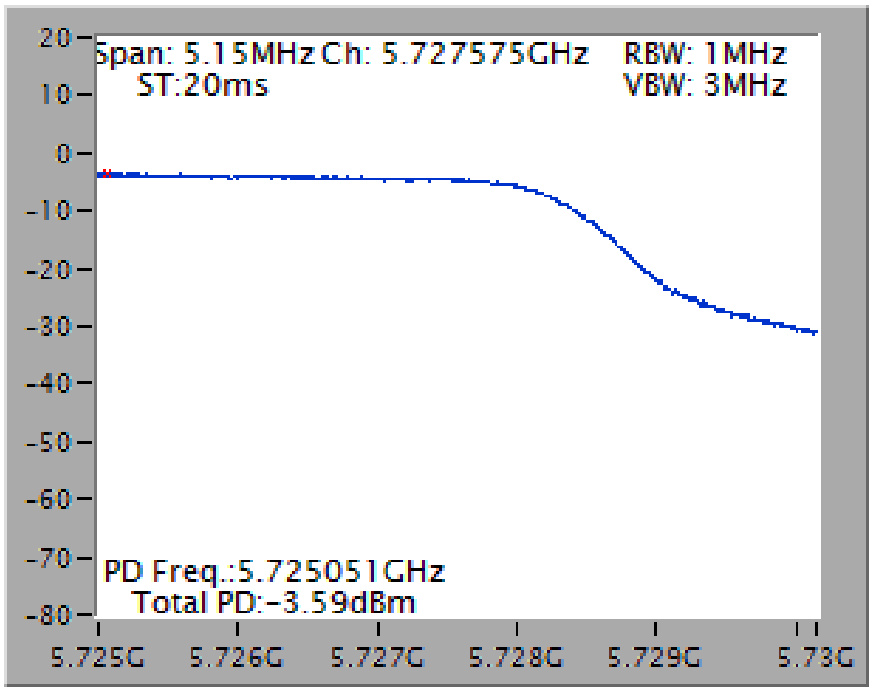
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



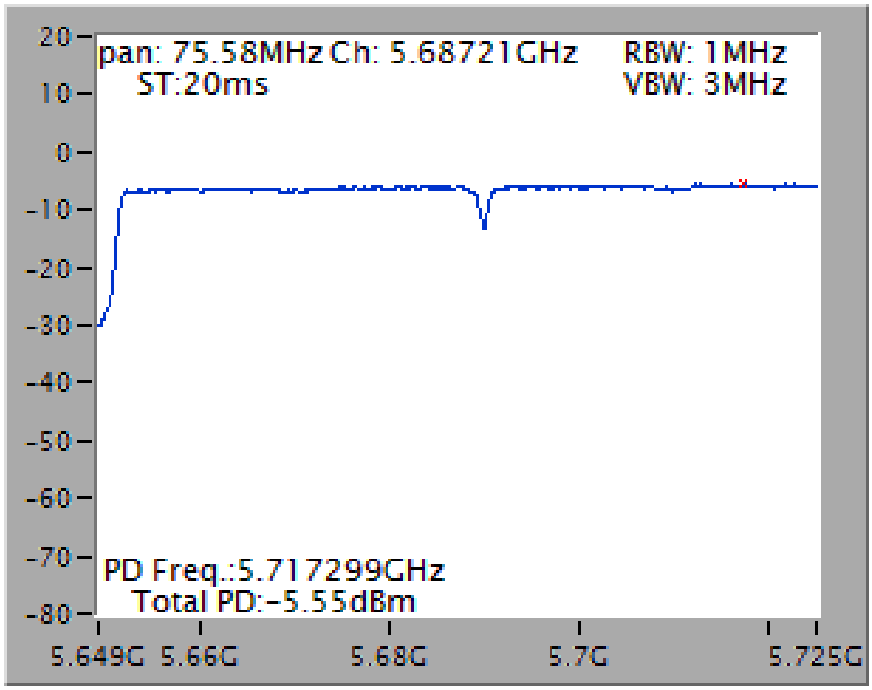
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



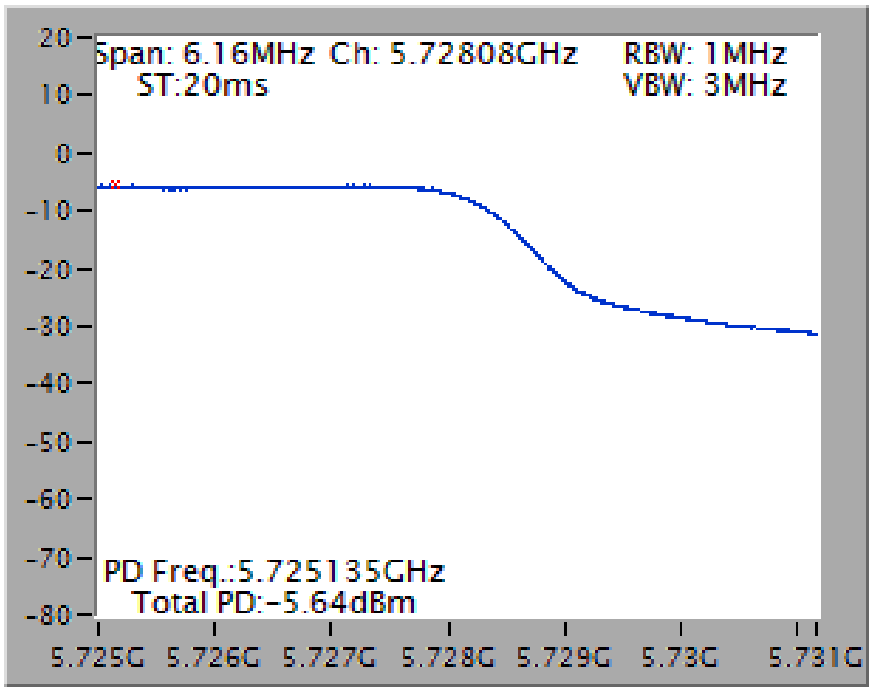
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



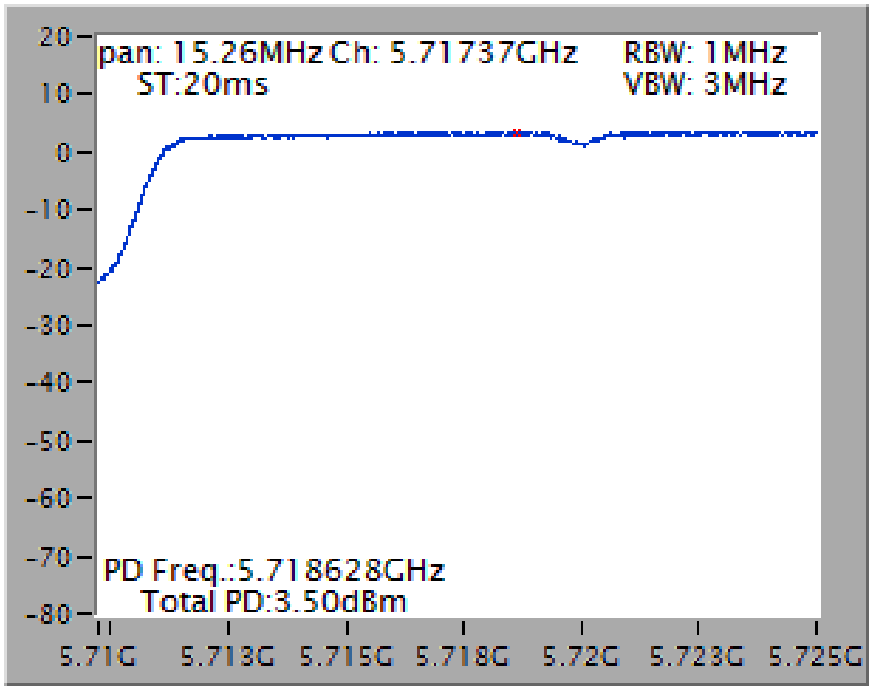
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



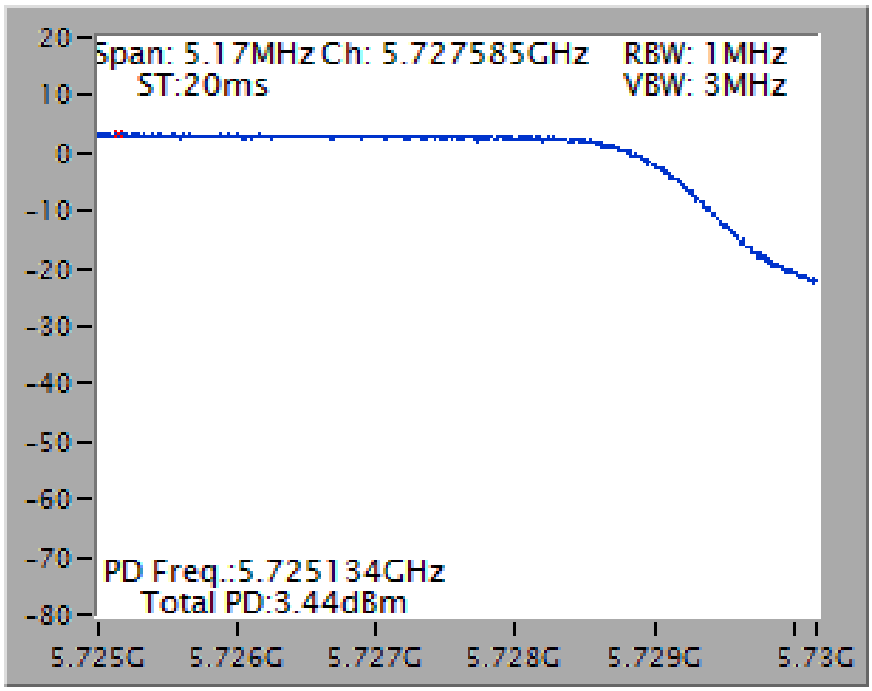
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



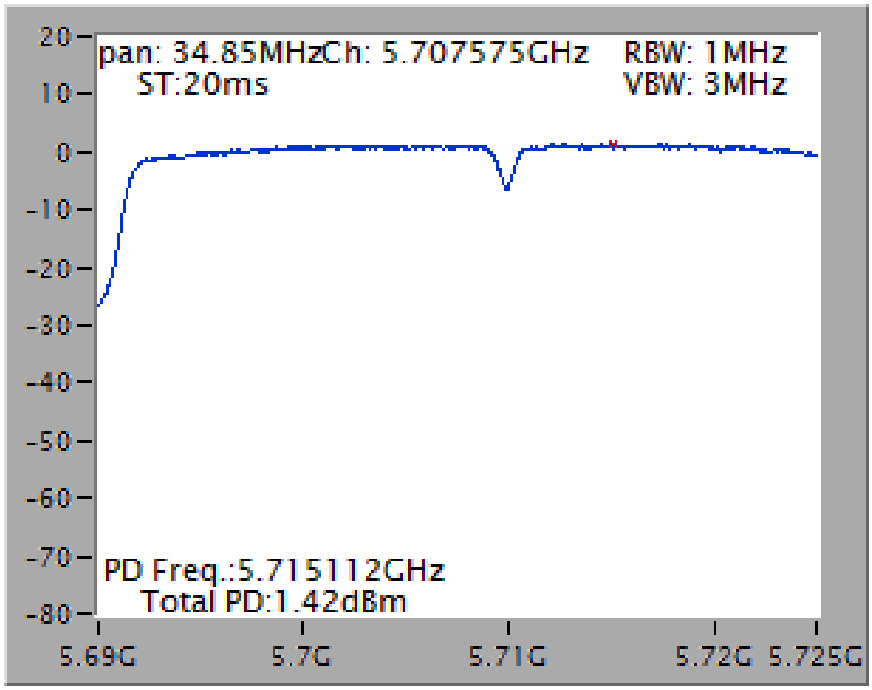
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



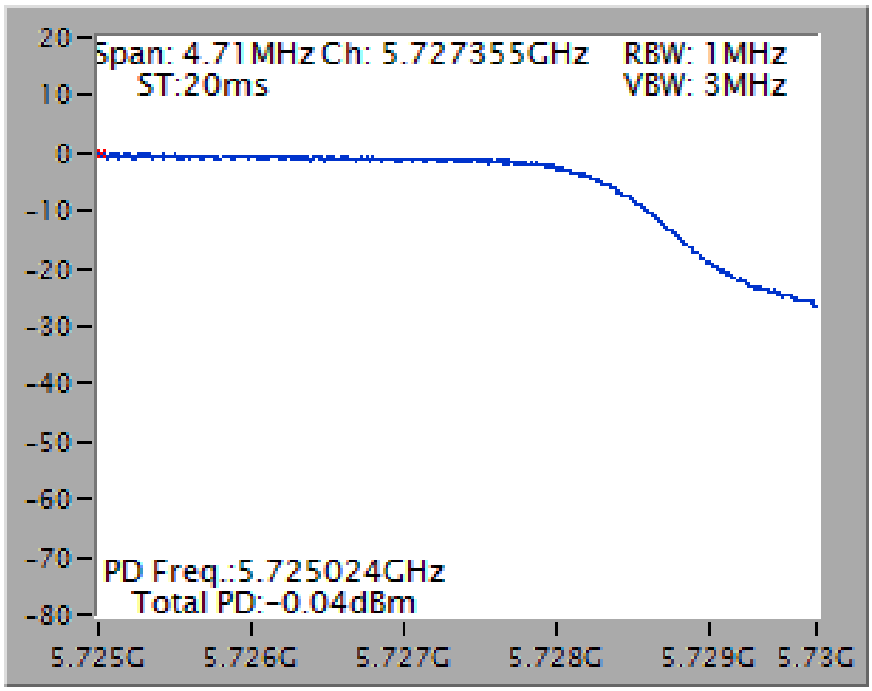
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



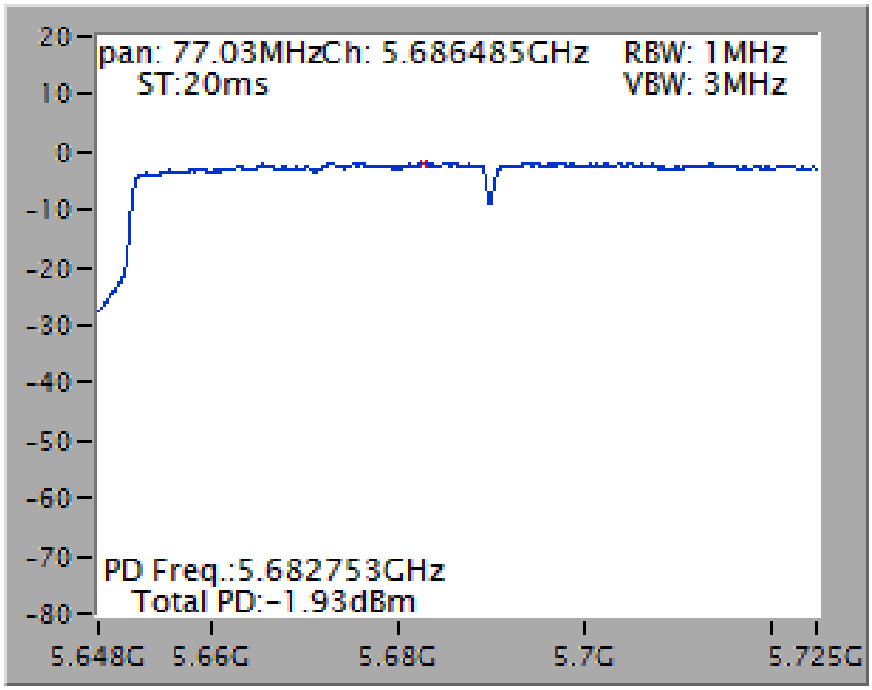
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



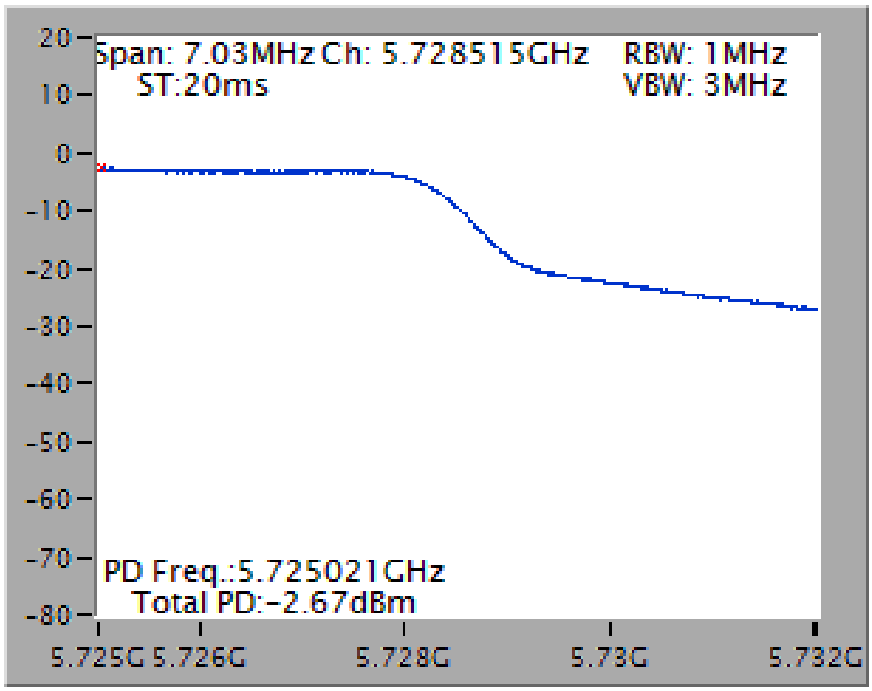
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



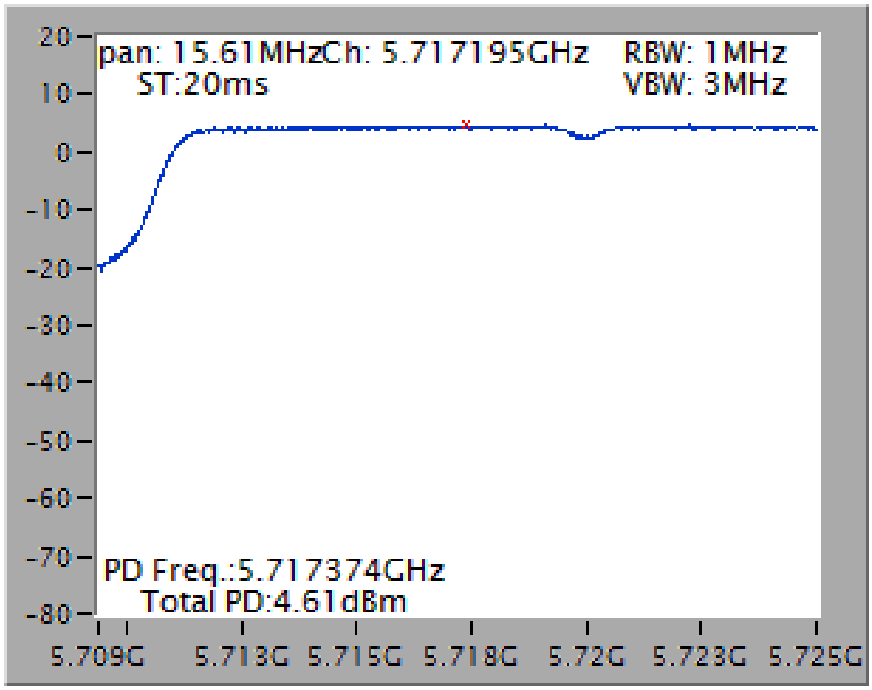
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



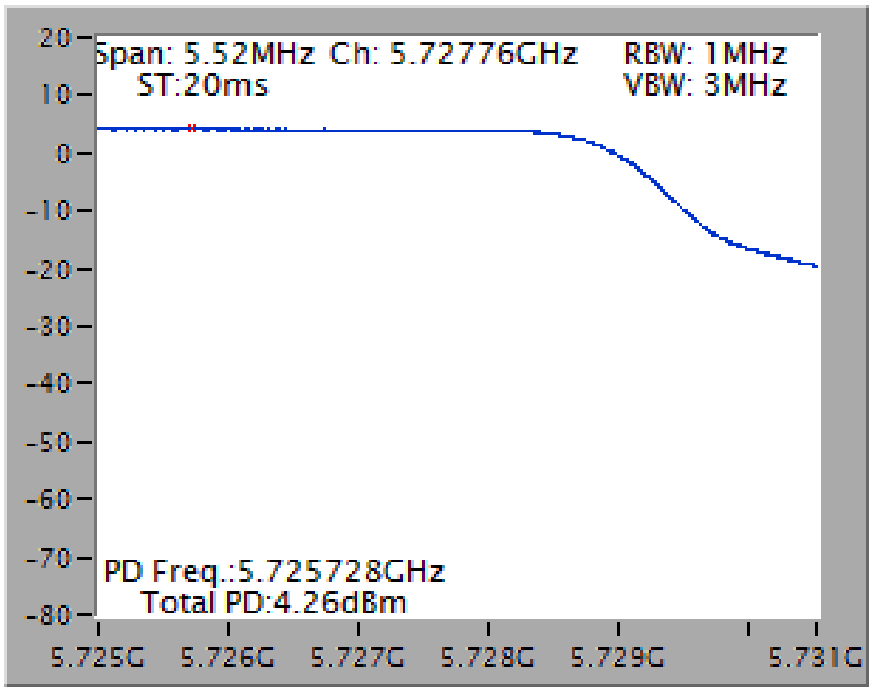
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)



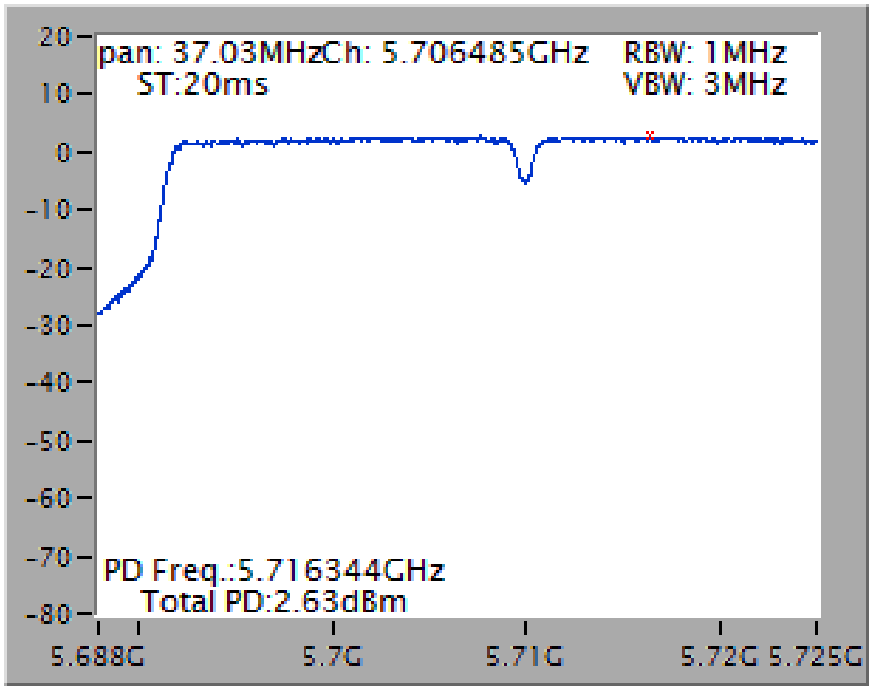
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 2C)



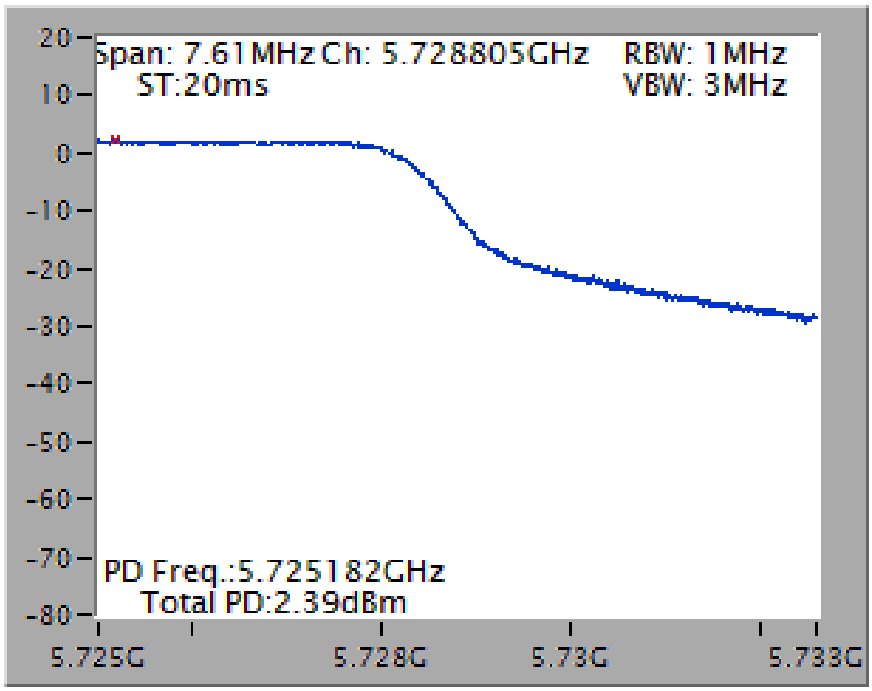
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5720 MHz (UNII 3)



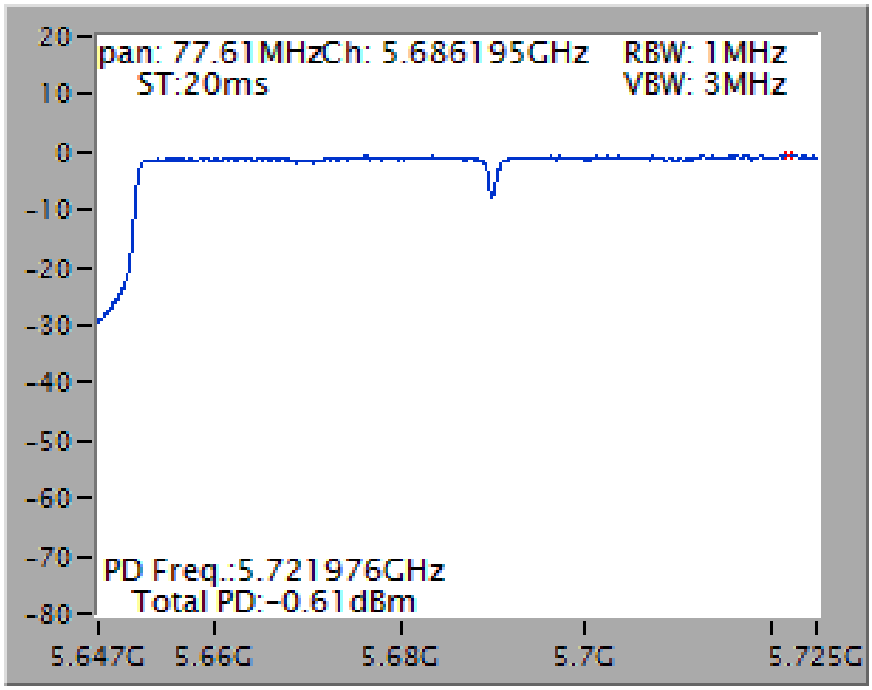
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 2C)



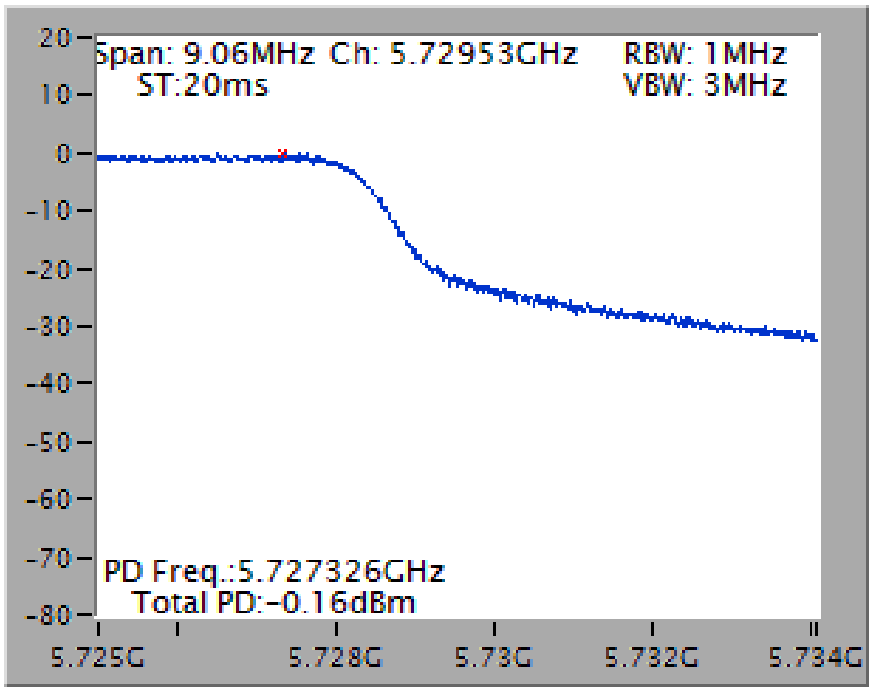
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80 / Chain 1 + Chain 2 + Chain 3 + Chain 4 / 5690 MHz (UNII 3)

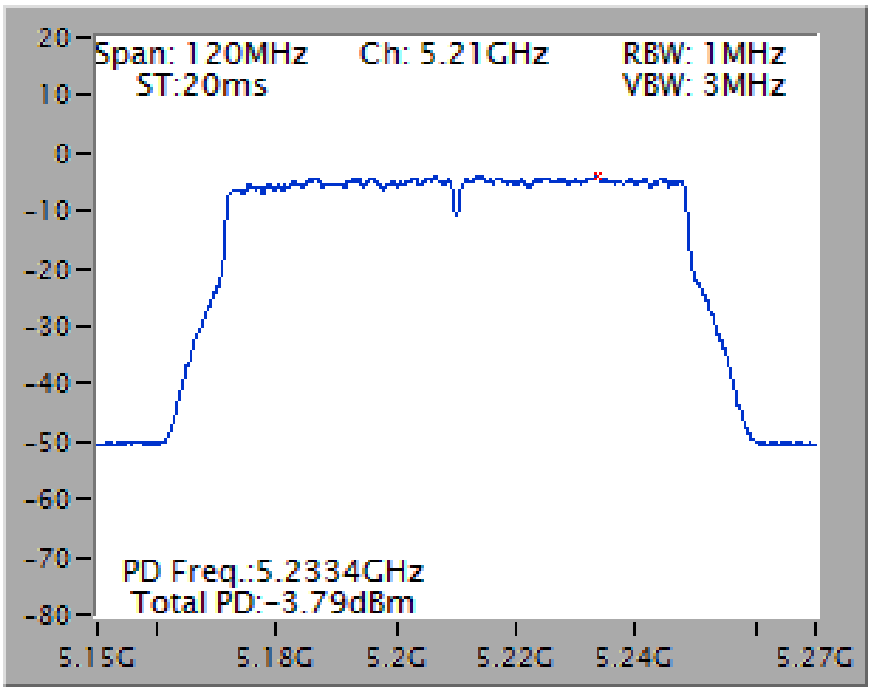


802.11ac MCS0/Nss2 VHT80+80

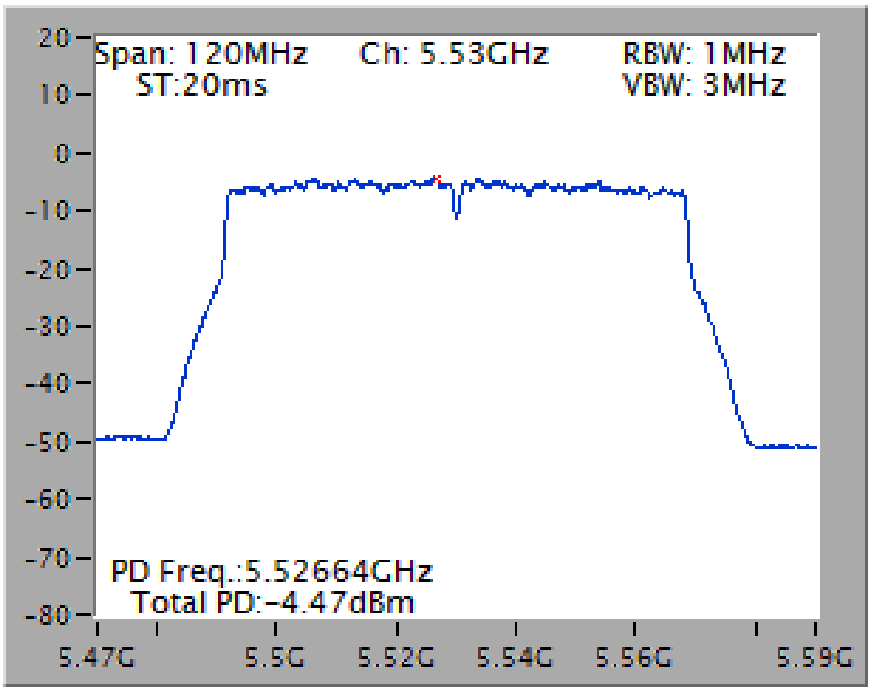
Straddle Channel

Type 1

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

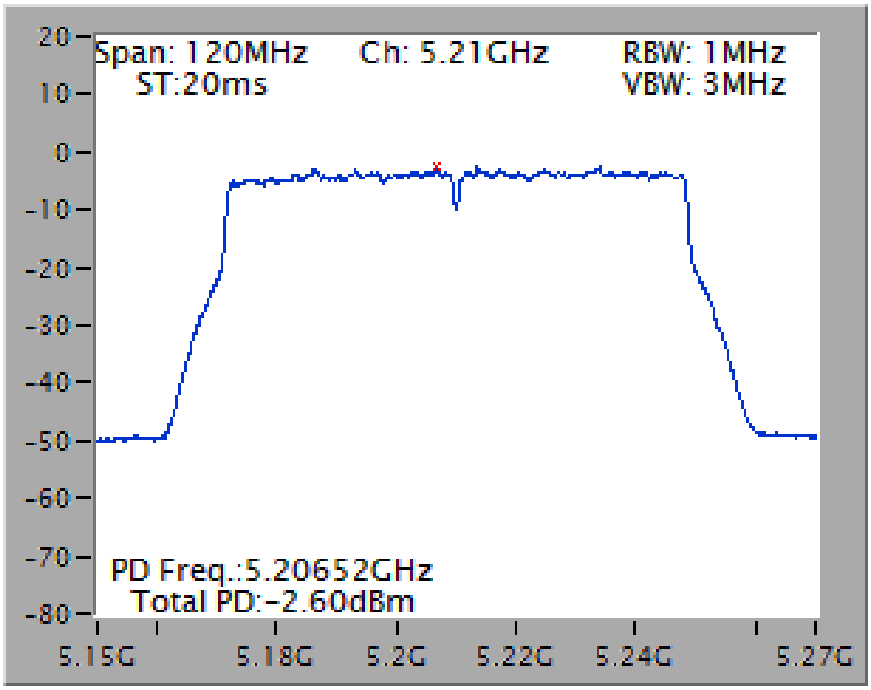


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

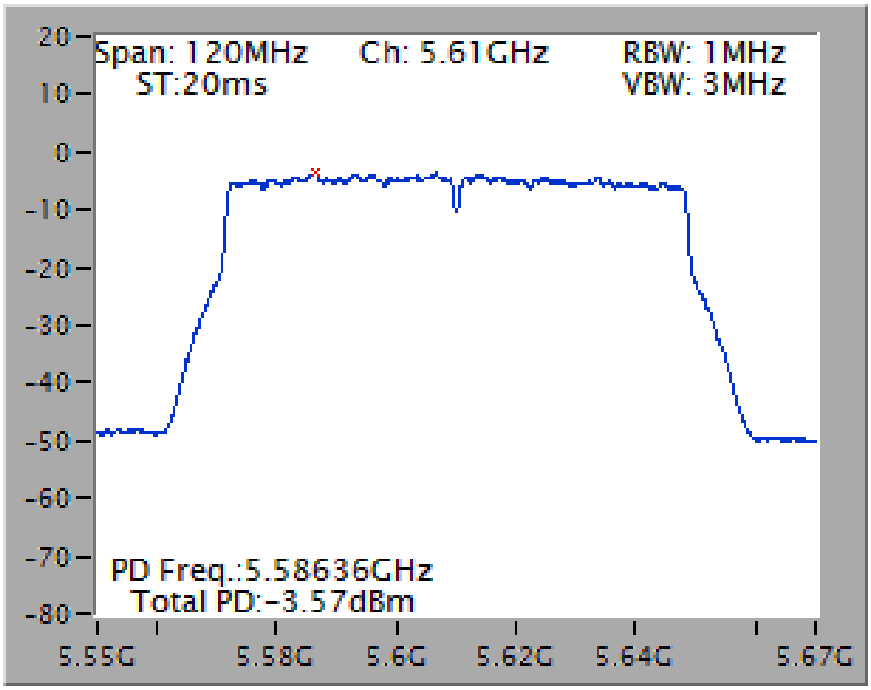


Type 2

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

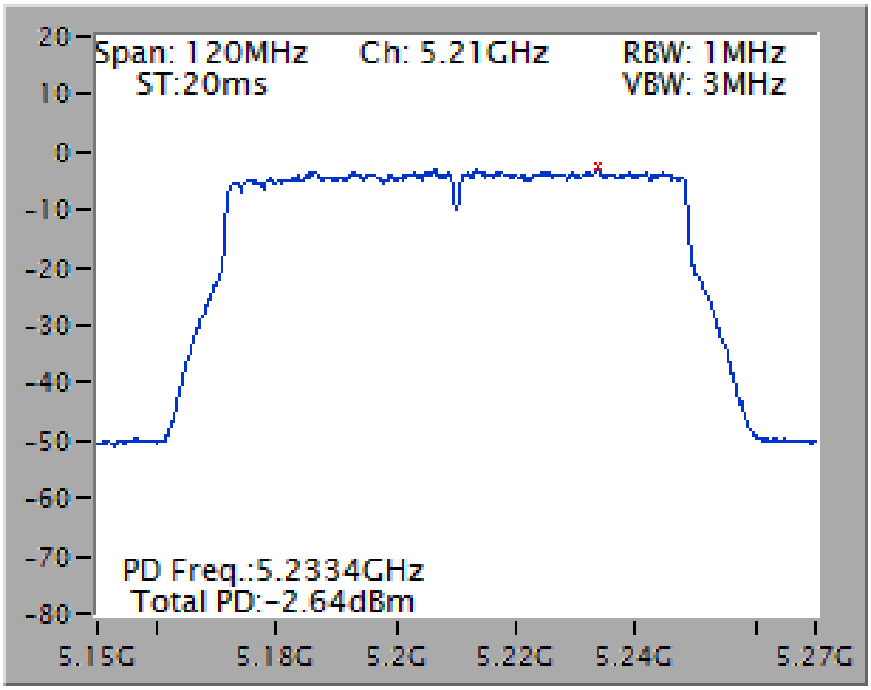


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

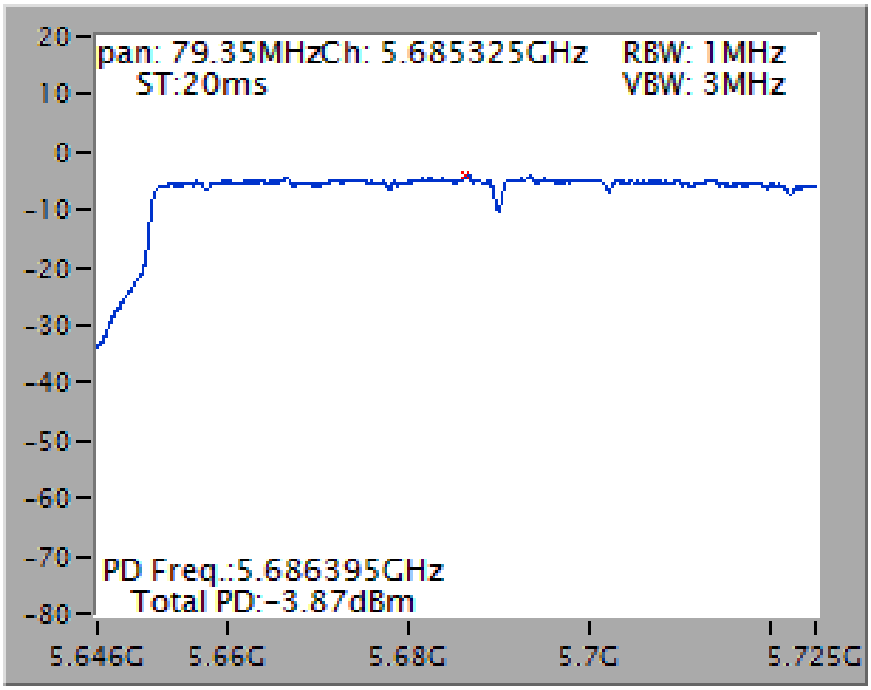


Type 3

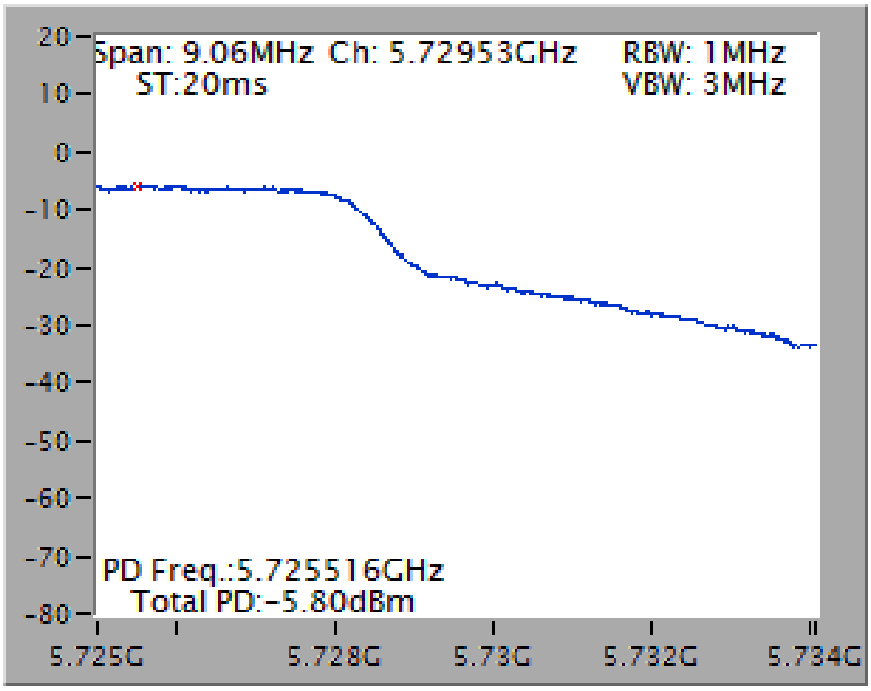
Power Density Plot on Chain 1 + Chain 2 / 5210 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

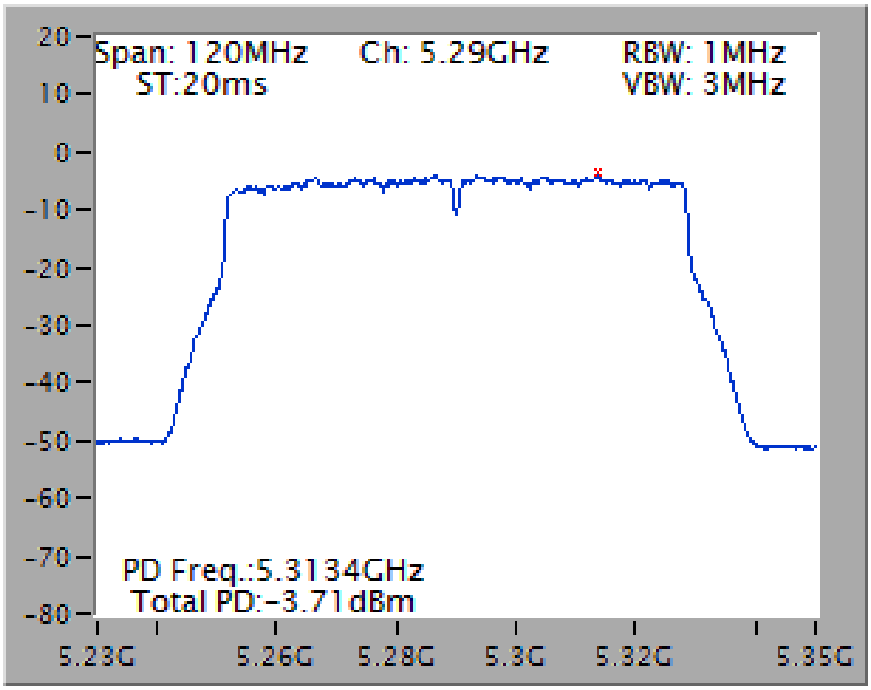


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

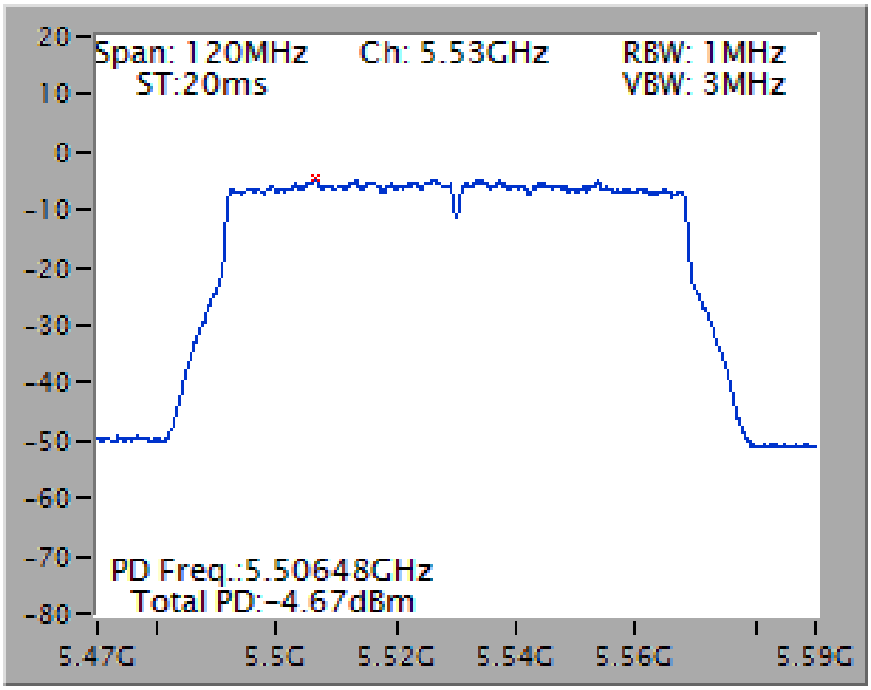


Type 4

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

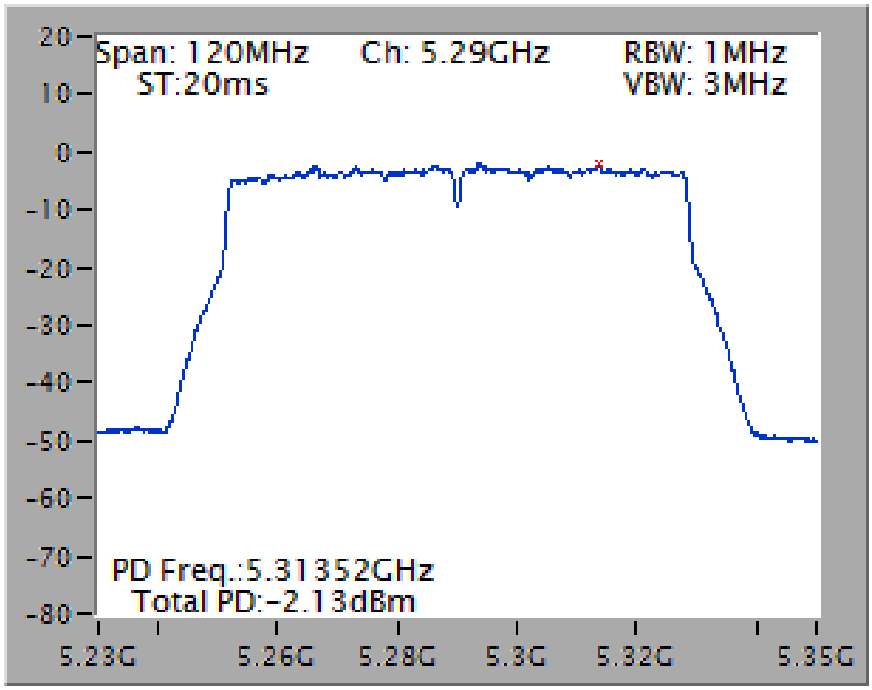


Power Density Plot on Chain 3 + Chain 4 / 5530 MHz

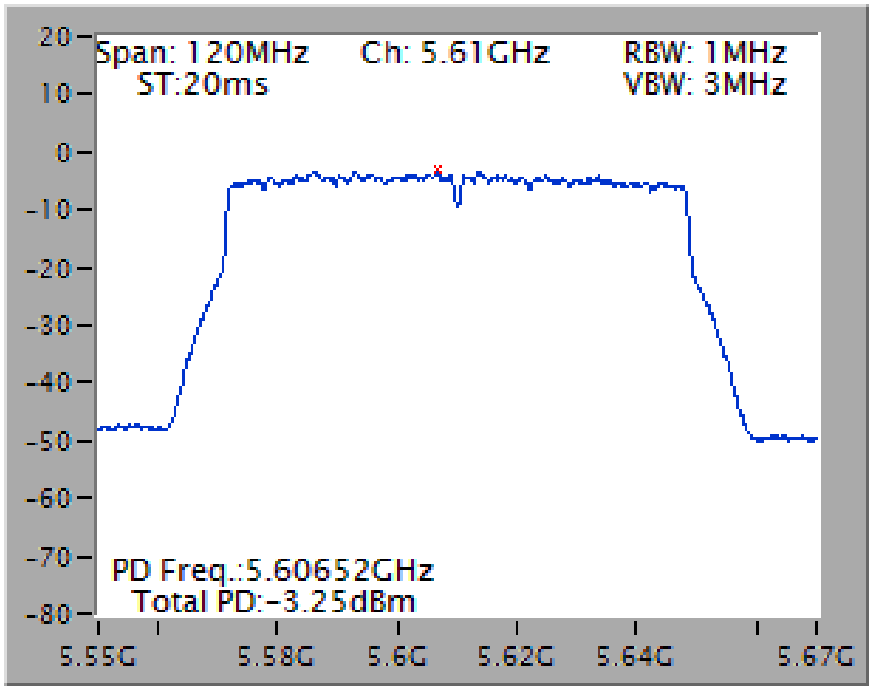


Type 5

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

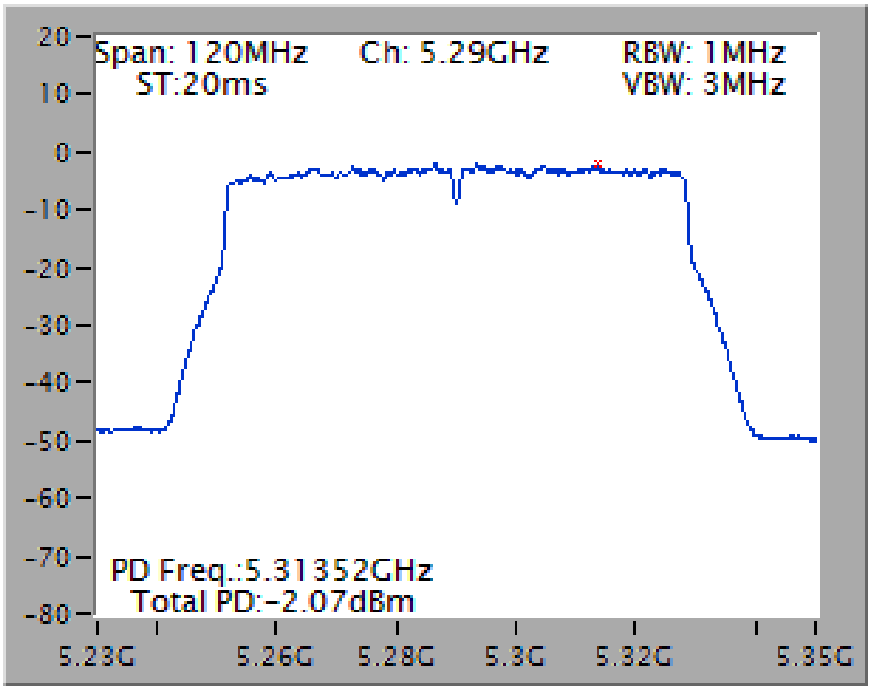


Power Density Plot on Chain 3 + Chain 4 / 5610 MHz

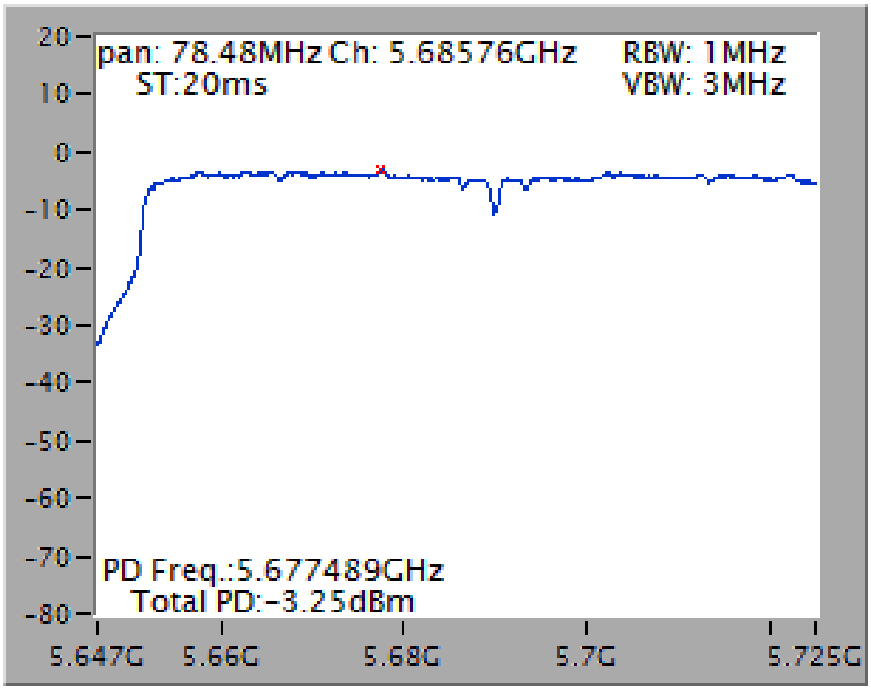


Type 6

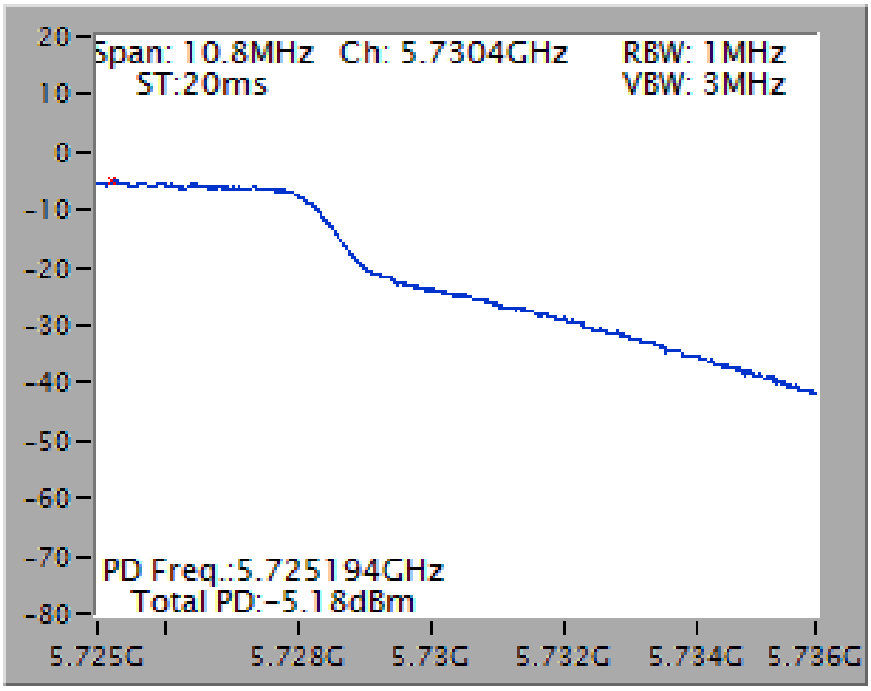
Power Density Plot on Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

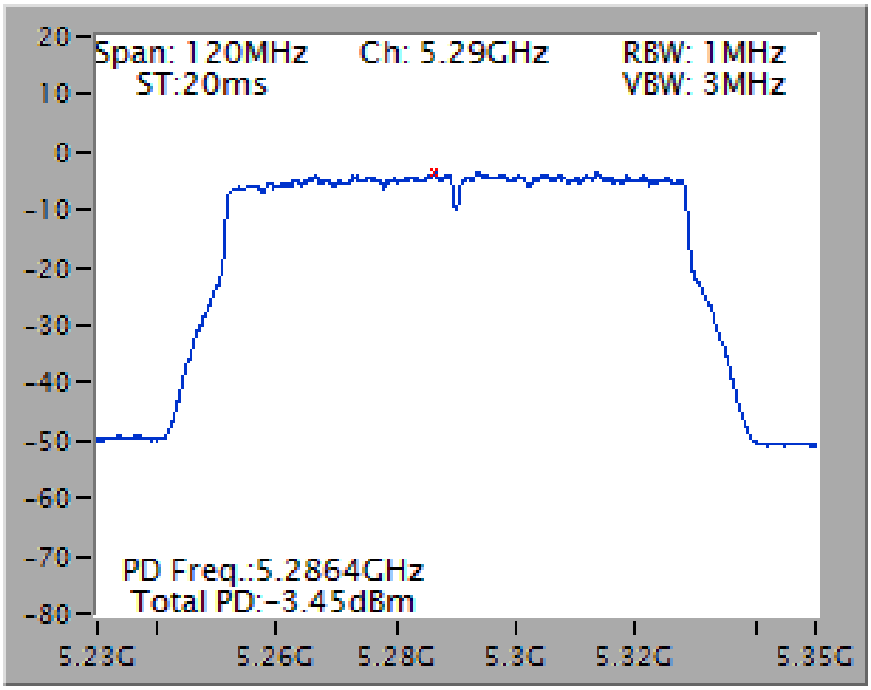


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

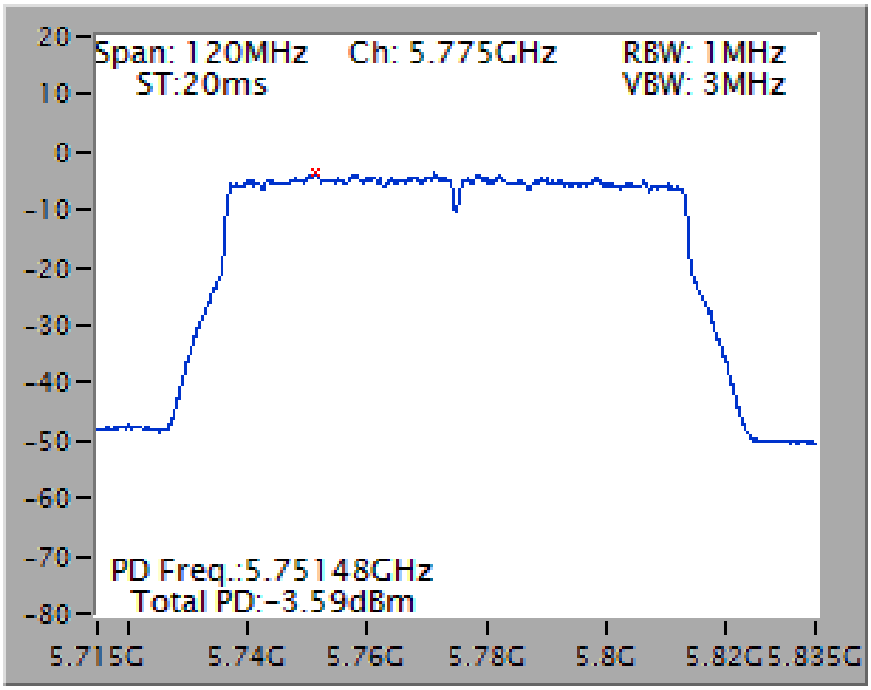


Type 7

Power Density Plot on Chain 1 + Chain 2 / 5290 MHz

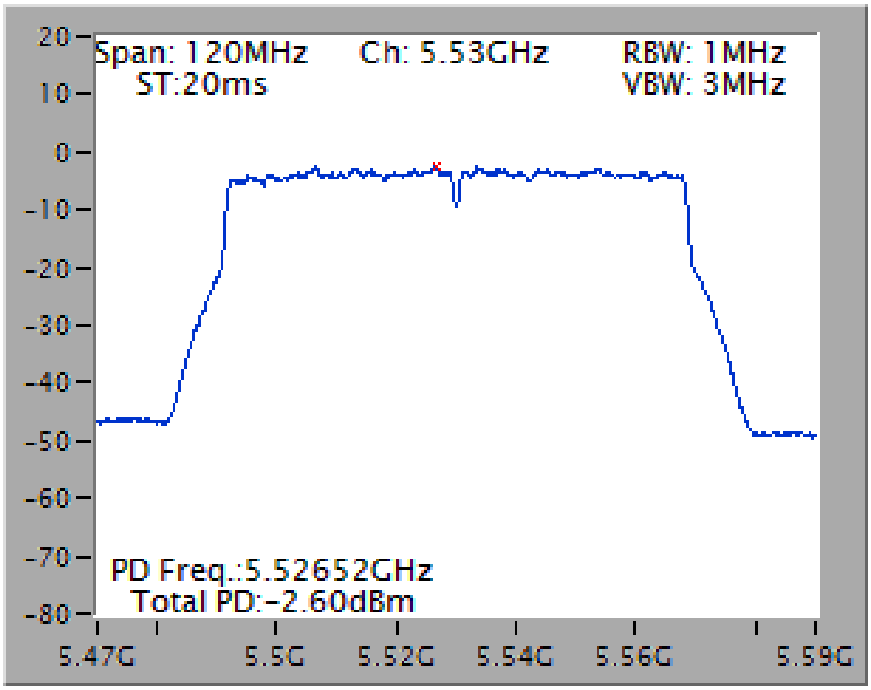


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

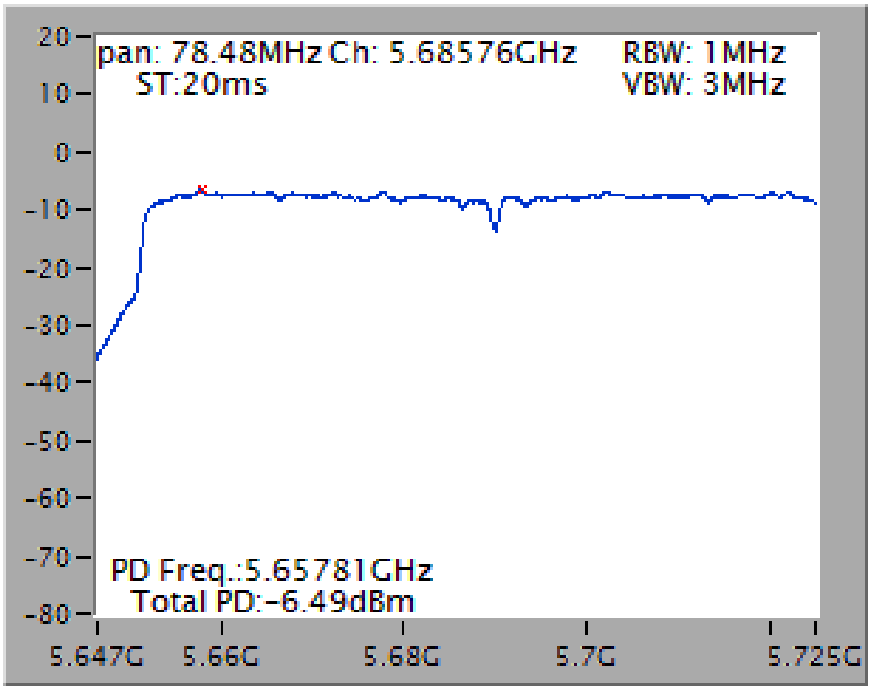


Type 8

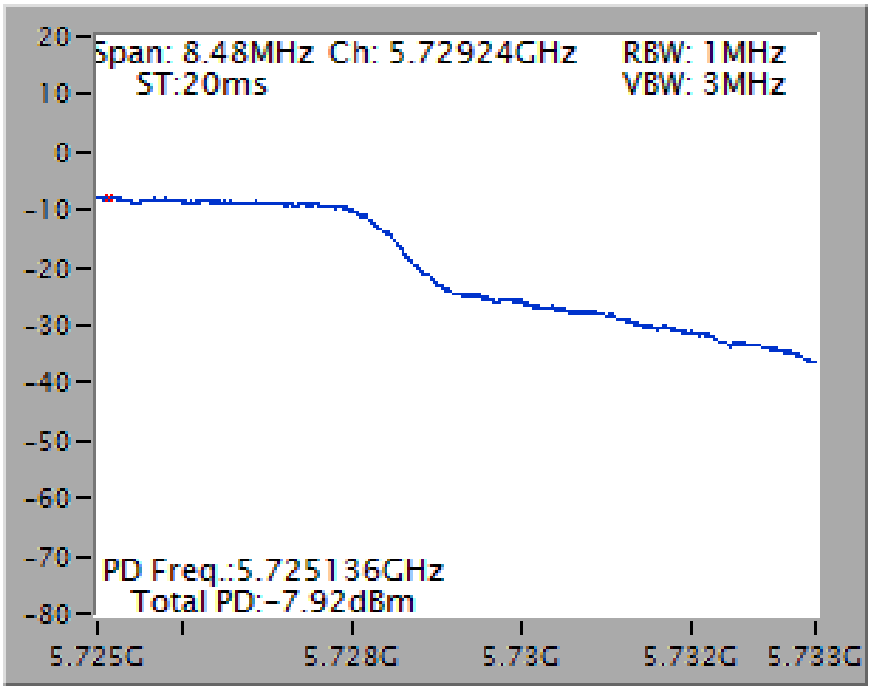
Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

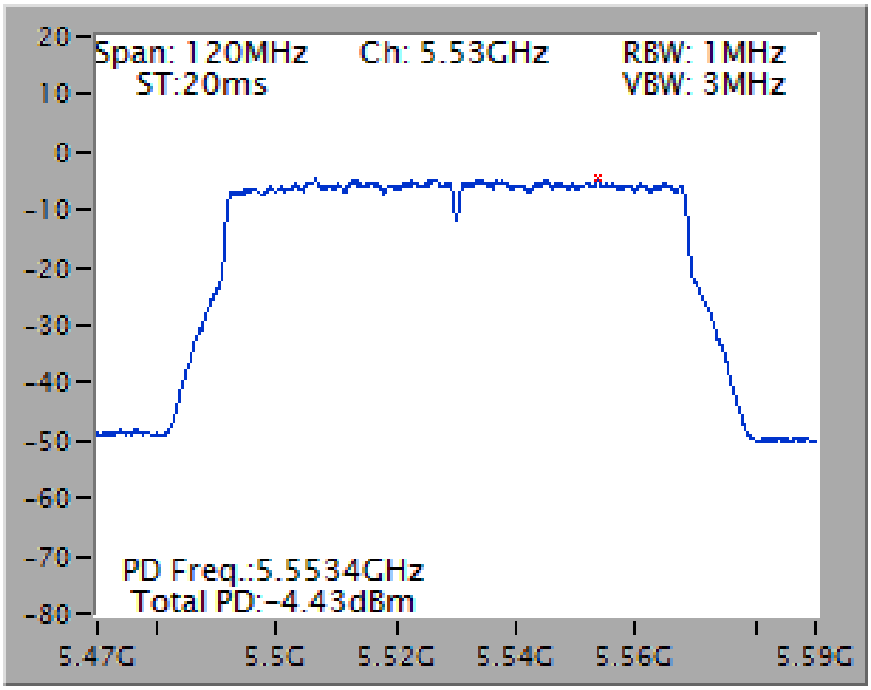


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

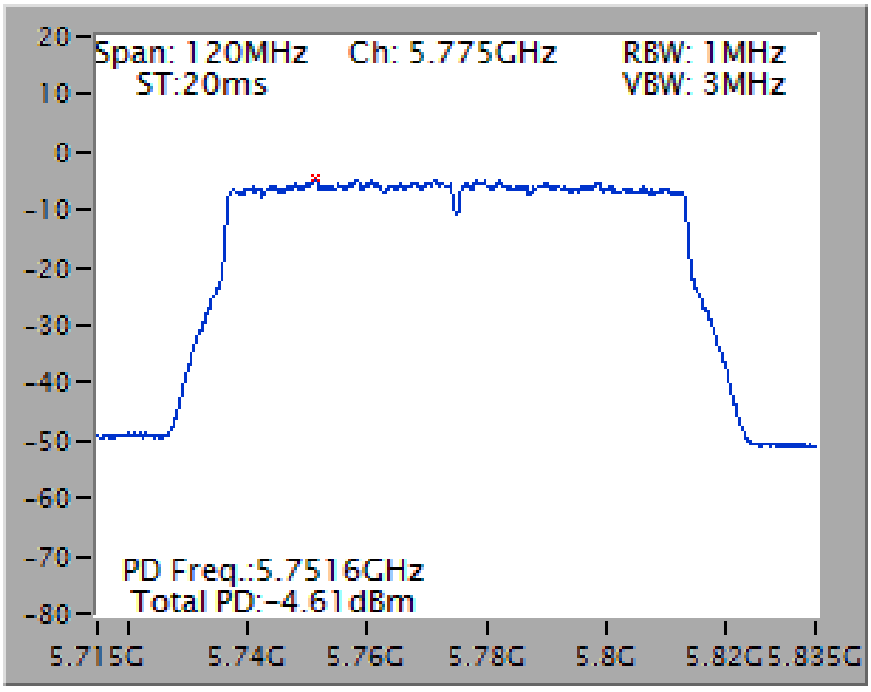


Type 9

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz

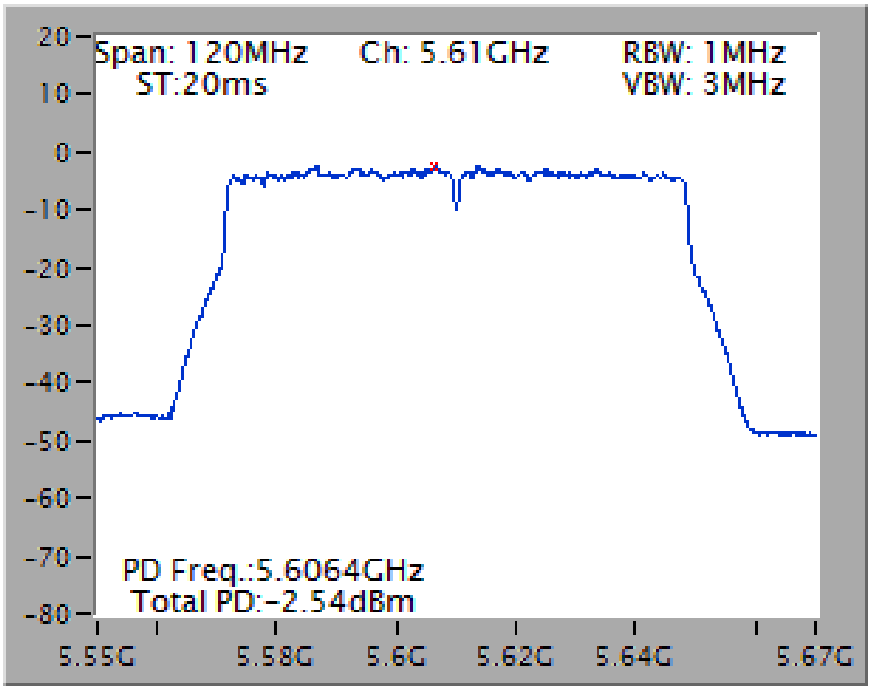


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

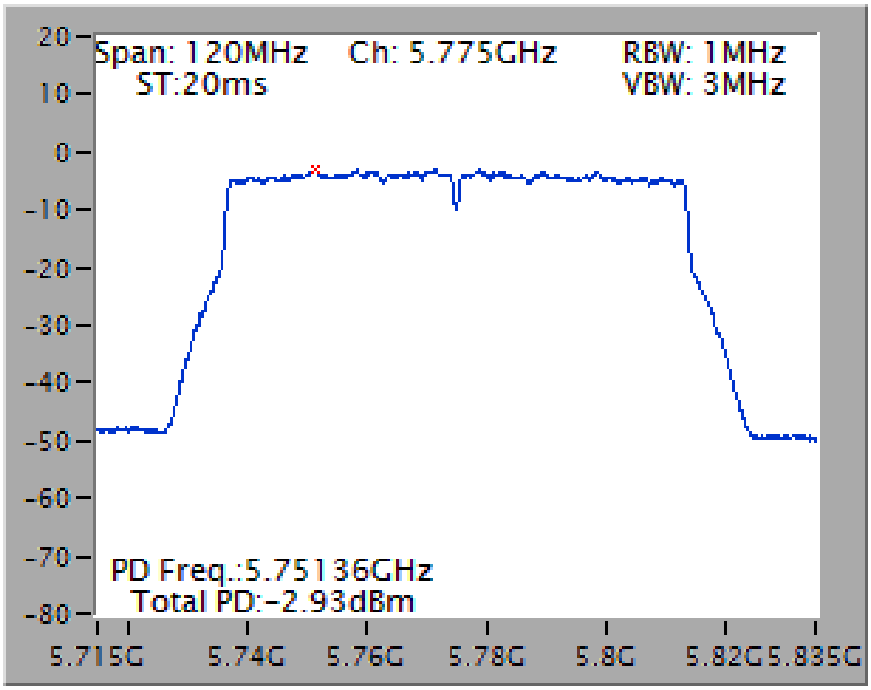


Type 10

Power Density Plot on Chain 1 + Chain 2 / 5610 MHz

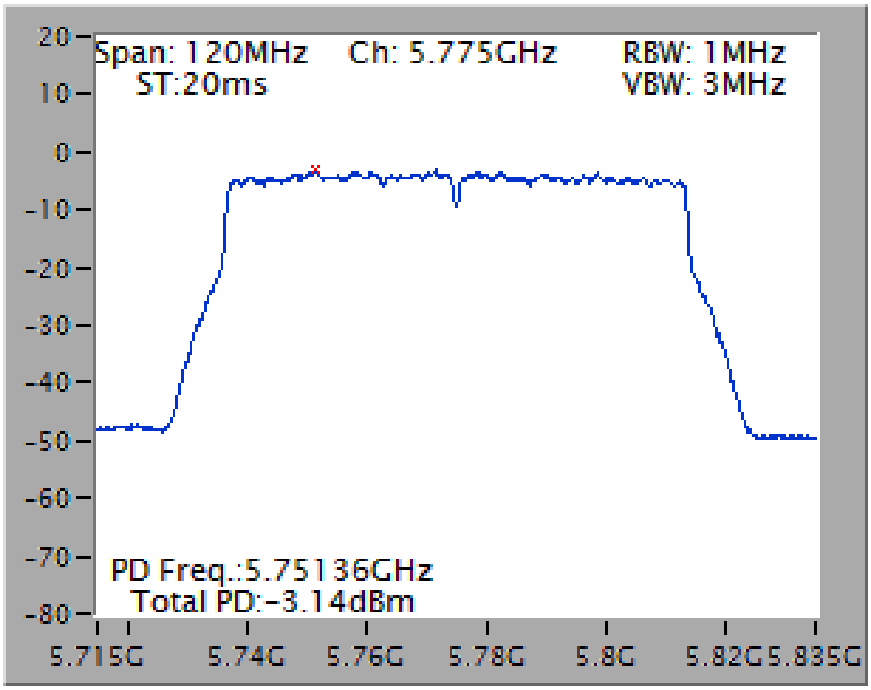


Power Density Plot on Chain 3 + Chain 4 / 5775 MHz

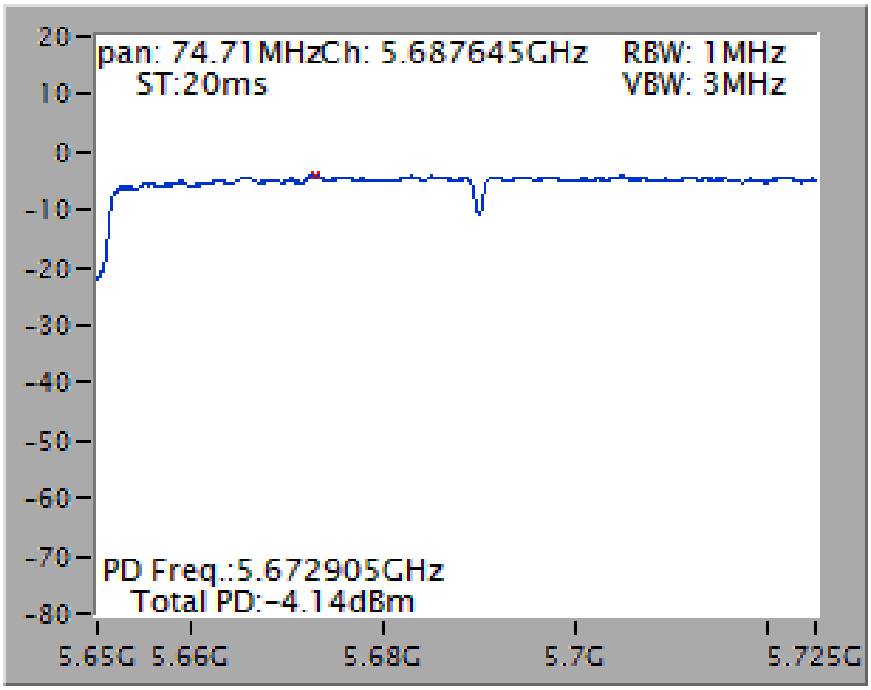


Type 11

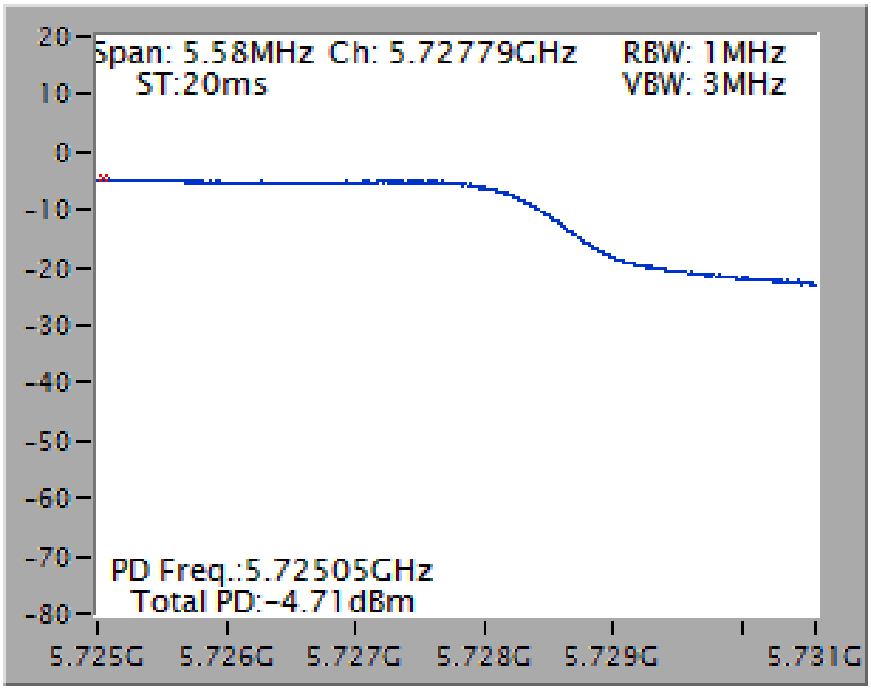
Power Density Plot on Chain 1 + Chain 2 / 5775 MHz



Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 2C)

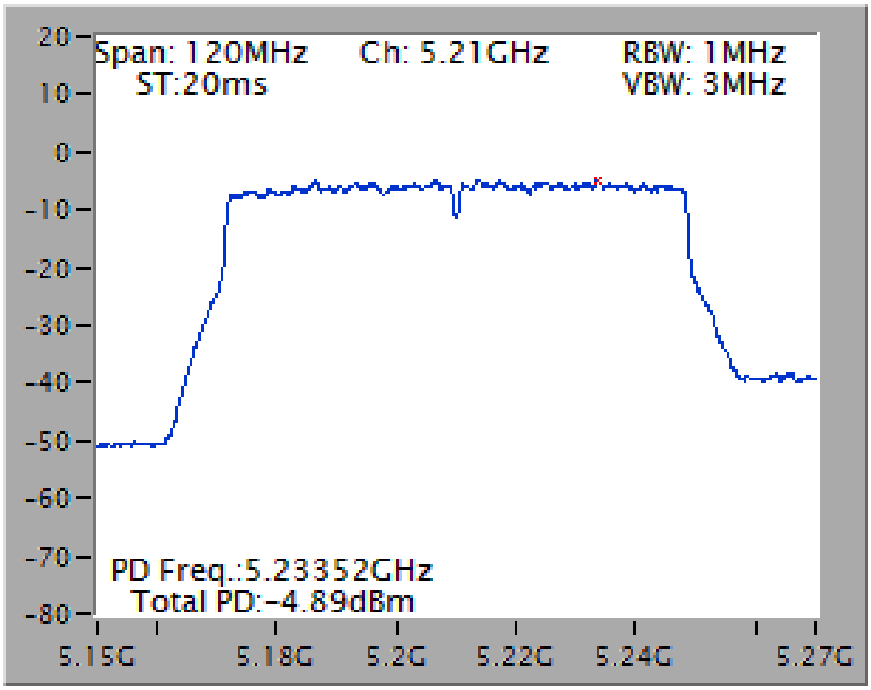


Power Density Plot on Chain 3 + Chain 4 / 5690 MHz (UNII 3)

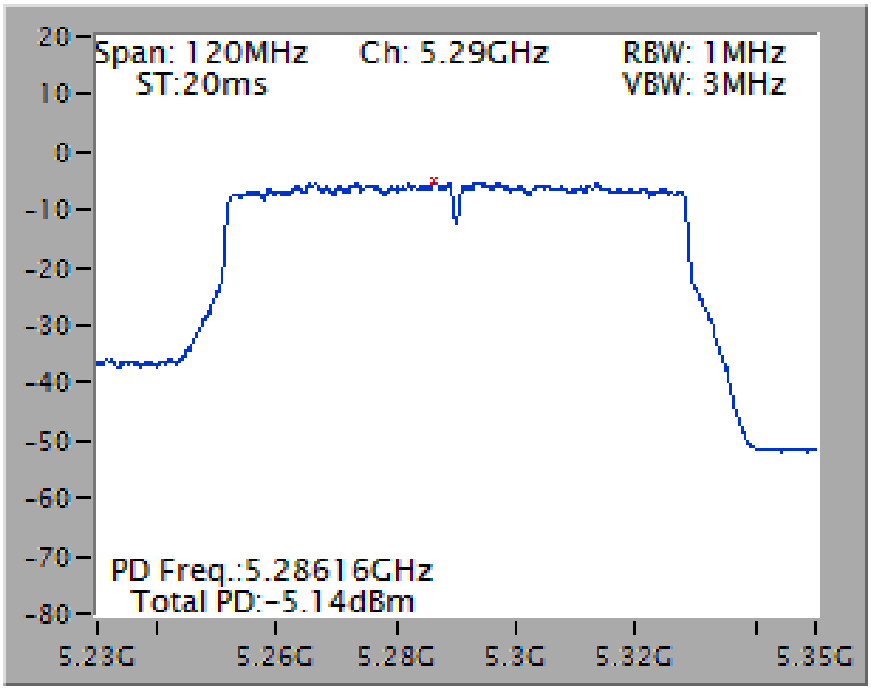


Type 12

Power Density Plot on Chain 1 + Chain 2 / 5210 MHz

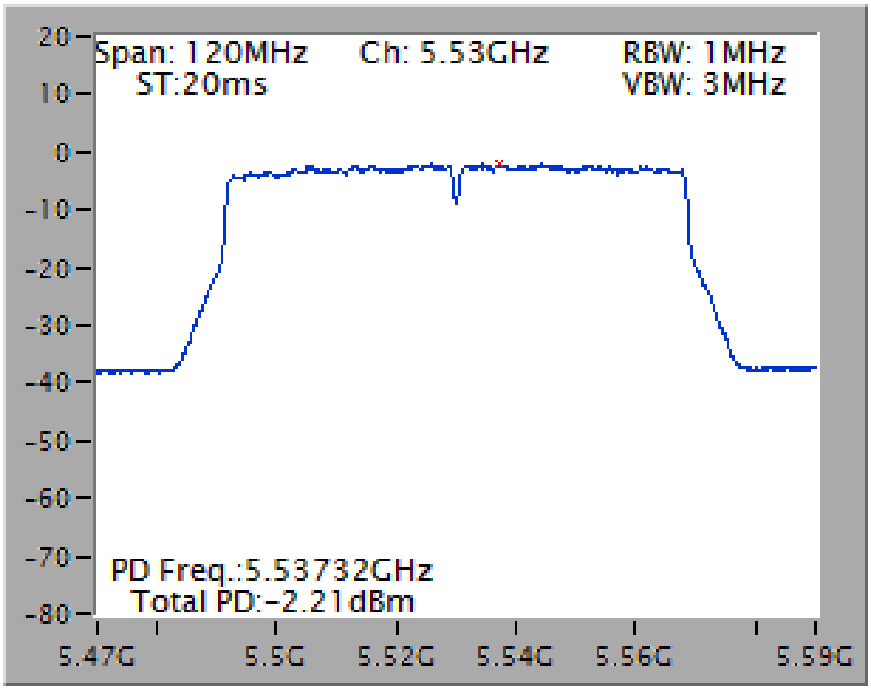


Power Density Plot on Chain 3 + Chain 4 / 5290 MHz

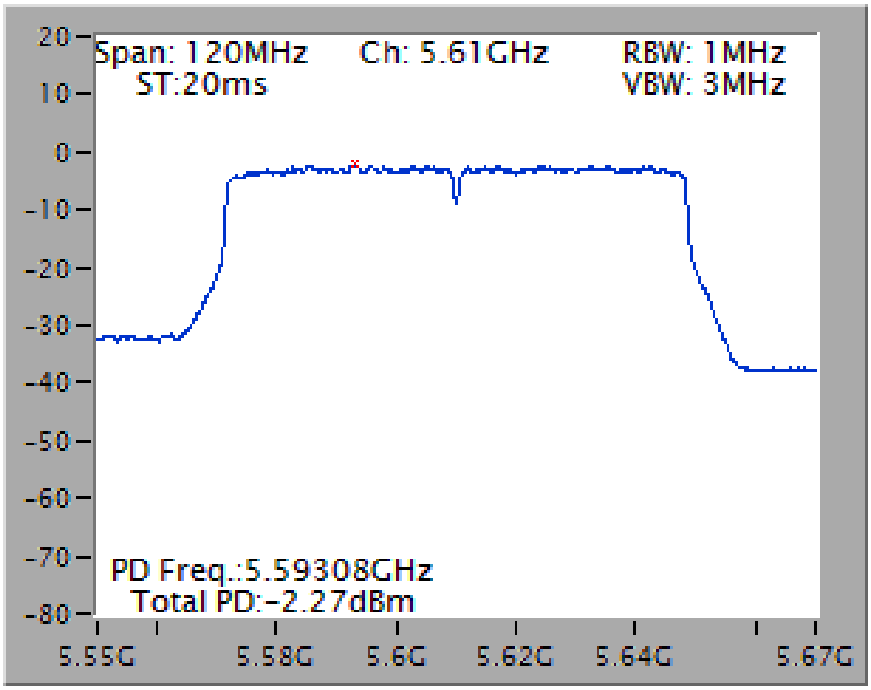


Type 13

Power Density Plot on Chain 1 + Chain 2 / 5530 MHz



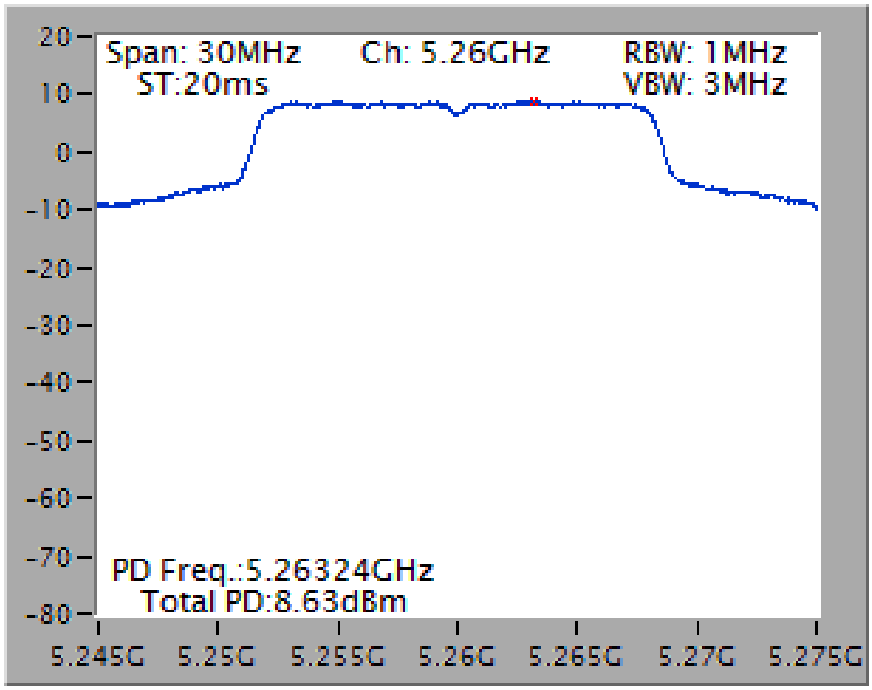
Power Density Plot on Chain 3 + Chain 4 / 5610 MHz



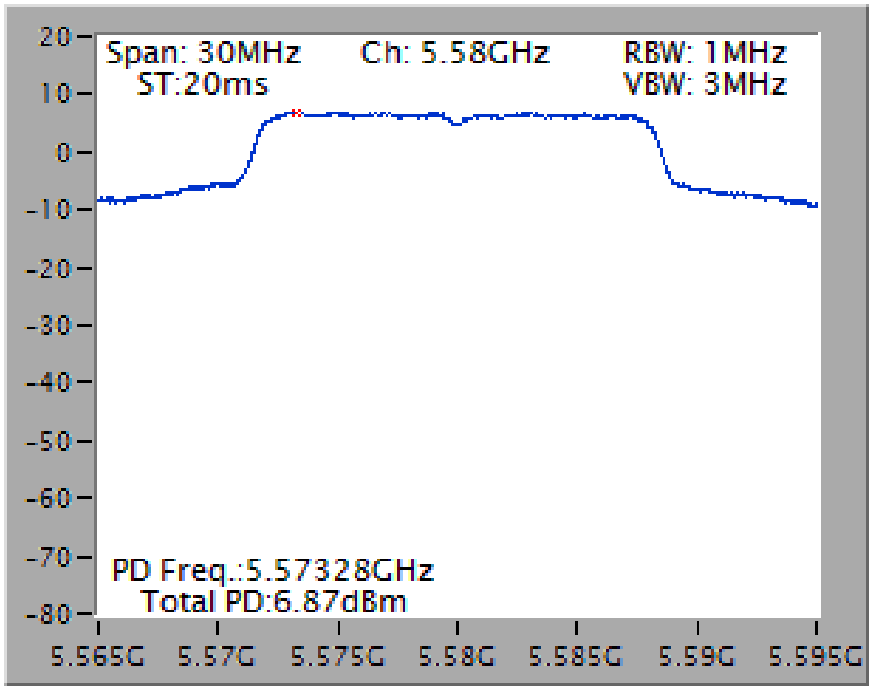
<For Radio 3 Mode>

For Mode 5:

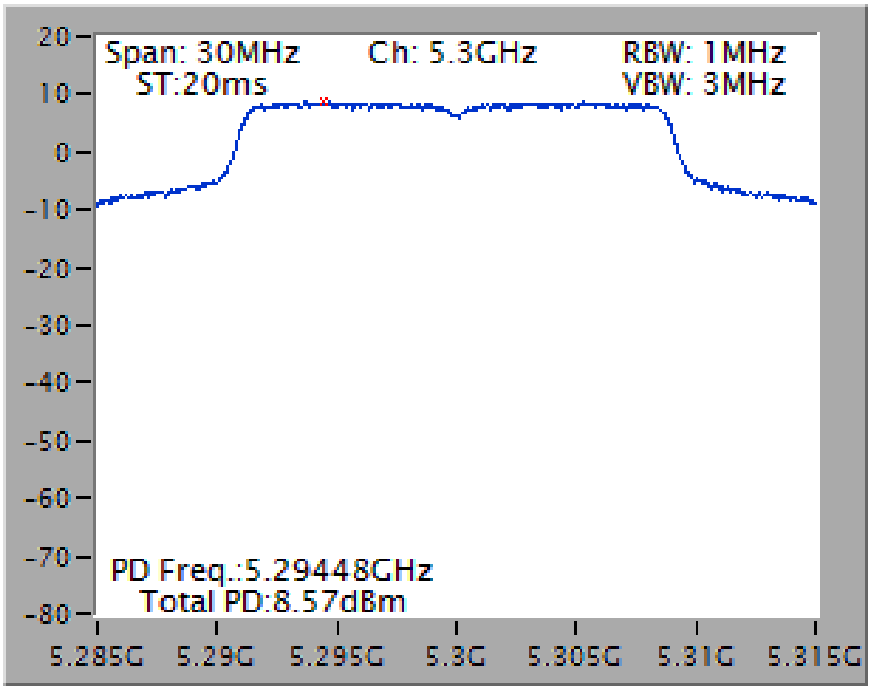
Power Density Plot on Configuration IEEE 802.11a / Chain 5 / 5260 MHz



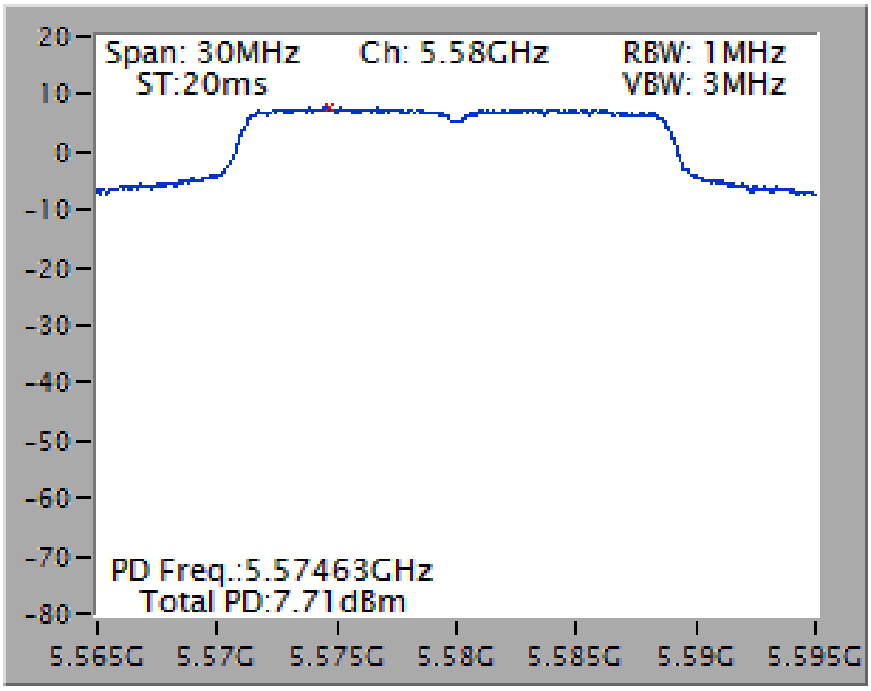
Power Density Plot on Configuration IEEE 802.11a / Chain 5 / 5580 MHz



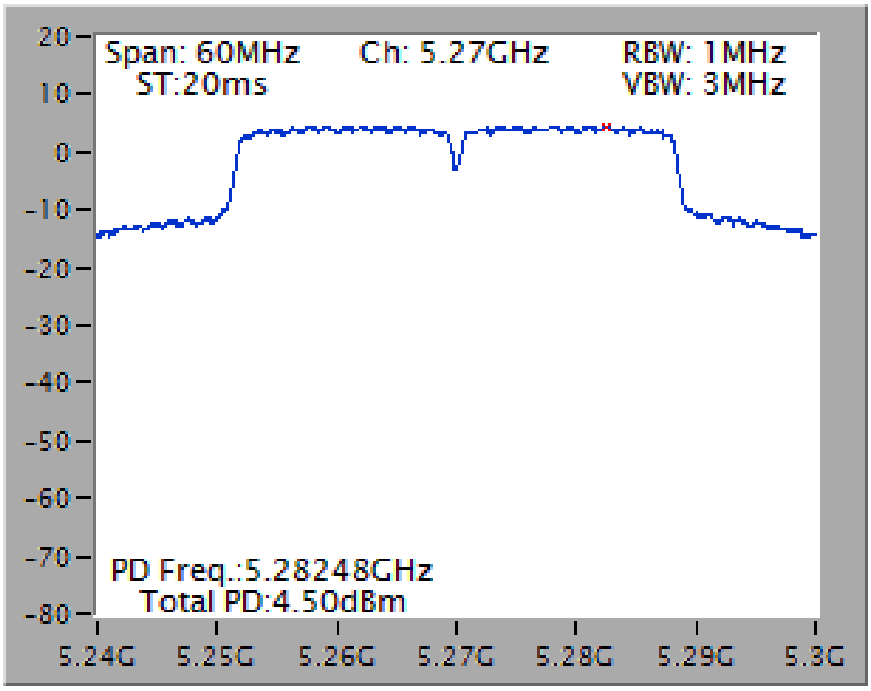
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 5 / 5300 MHz



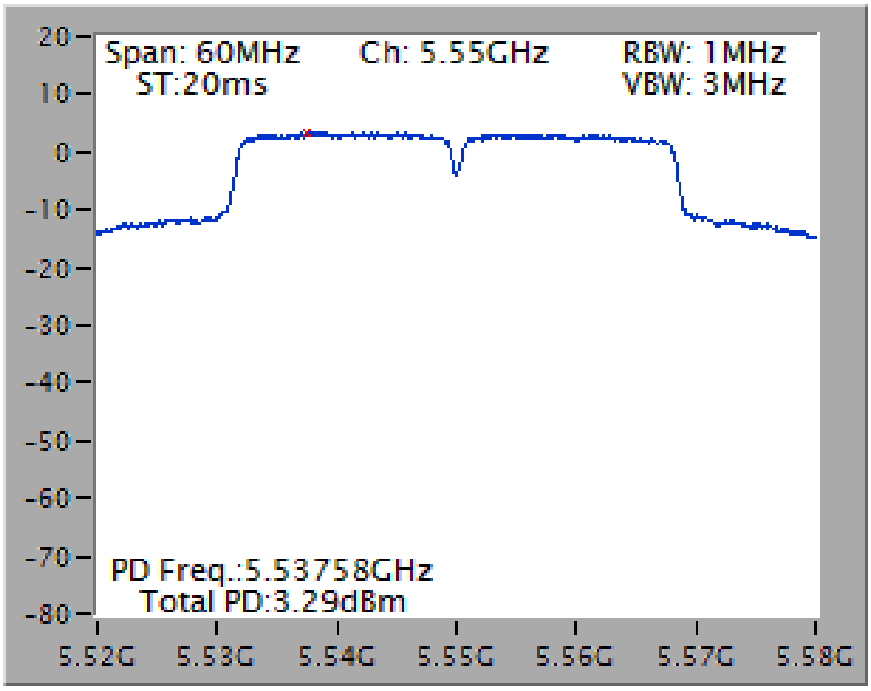
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 5 / 5580 MHz



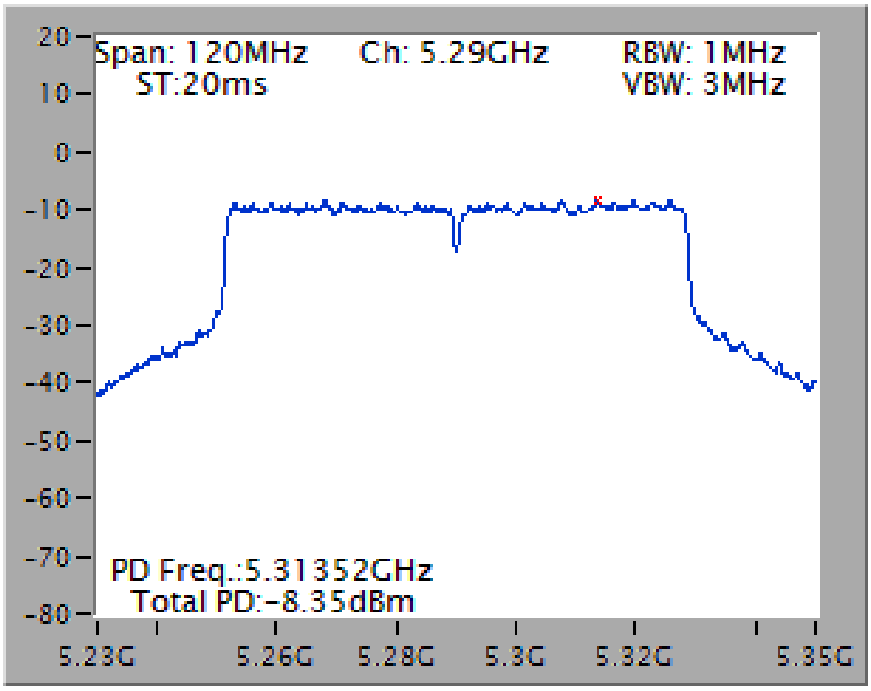
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5270 MHz



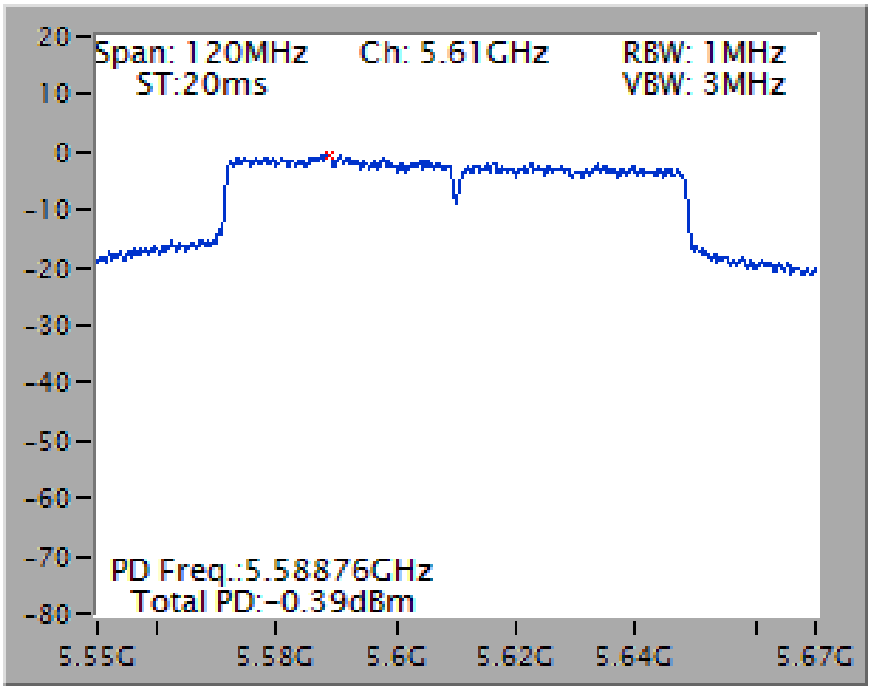
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5550 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5290 MHz

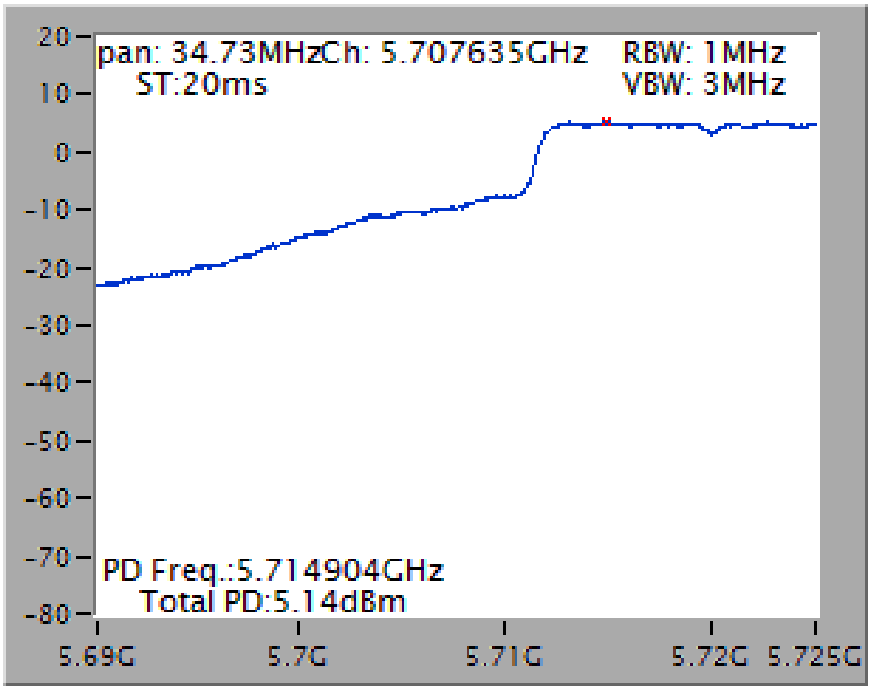


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5610 MHz

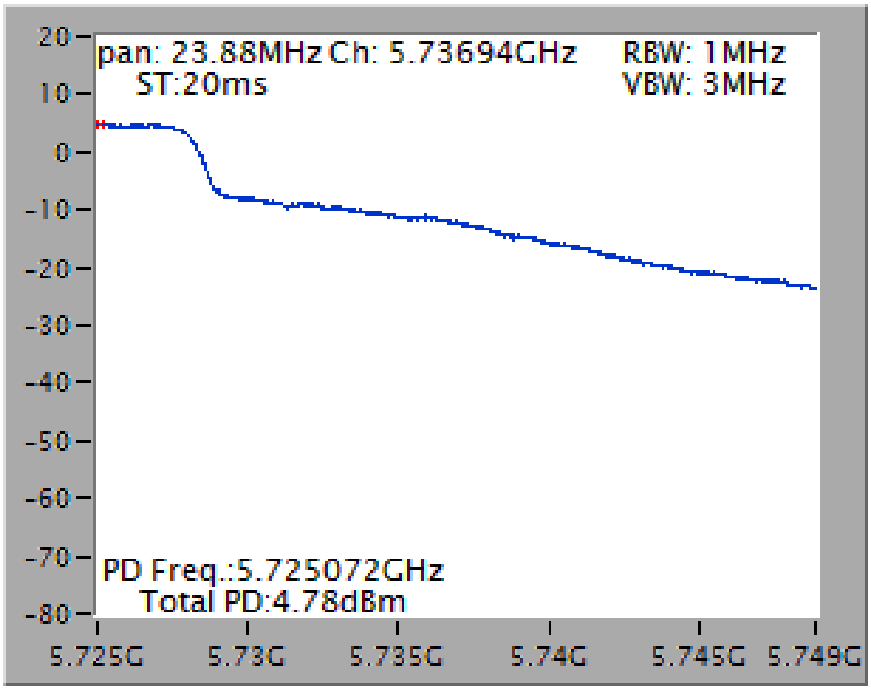


Straddle Channel

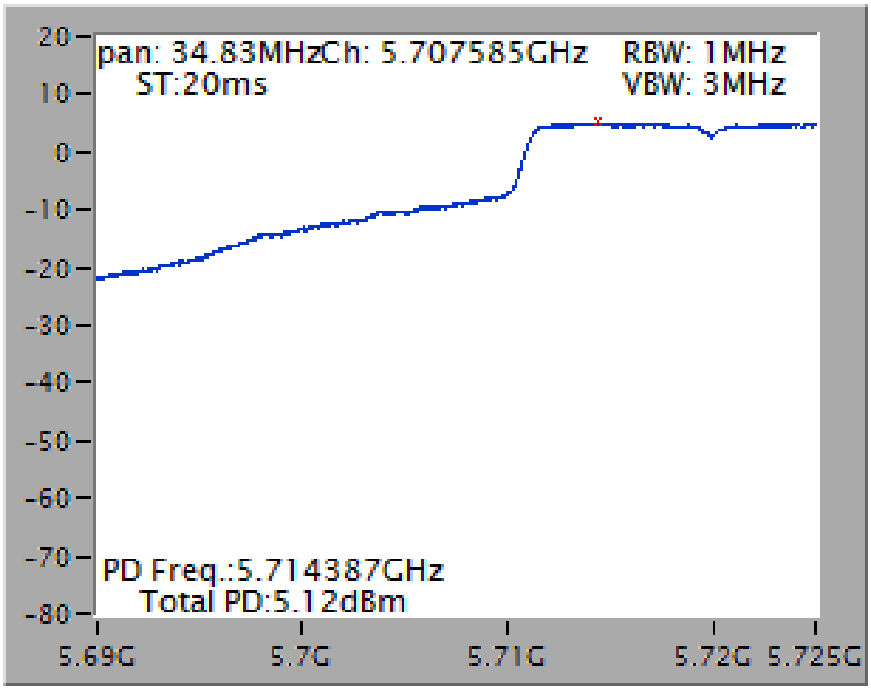
Power Density Plot on Configuration IEEE 802.11a / Chain 5 / 5720 MHz (UNII 2C)



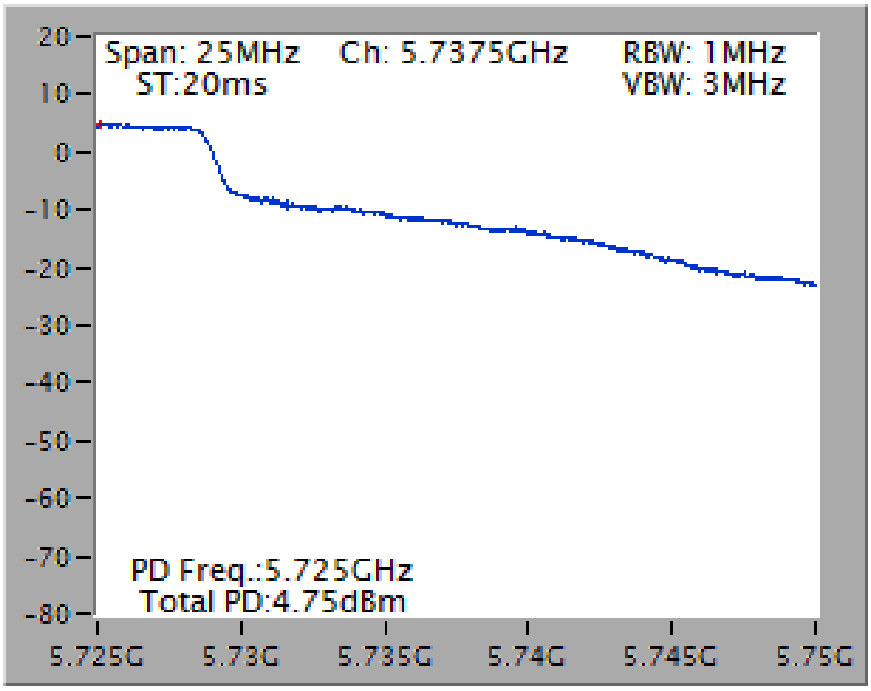
Power Density Plot on Configuration IEEE 802.11a / Chain 5 / 5720 MHz (UNII 3)



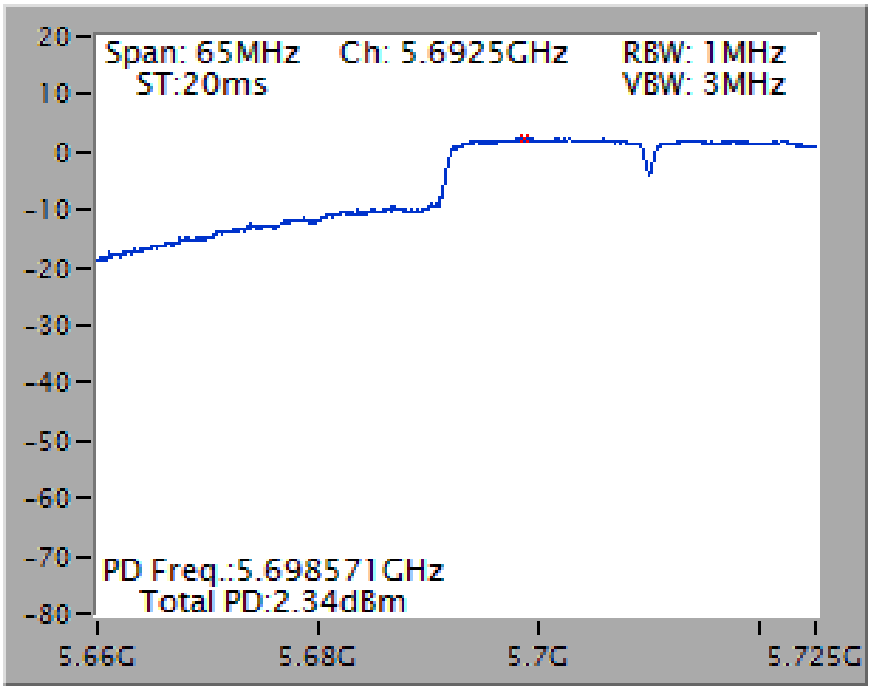
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CChain 5 / 5720 MHz (UNII 2C)



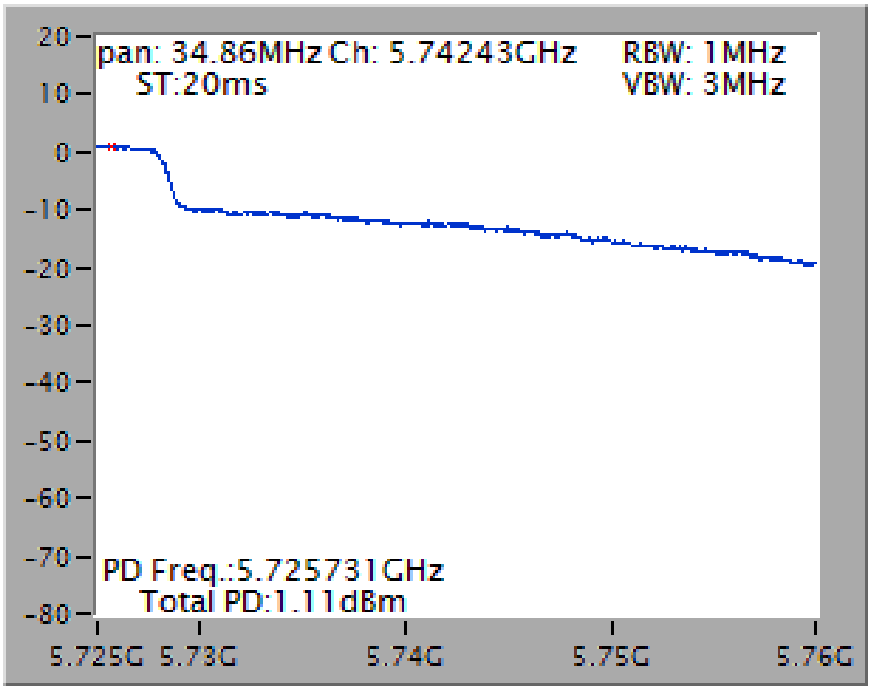
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CChain 5 / 5720 MHz (UNII 3)



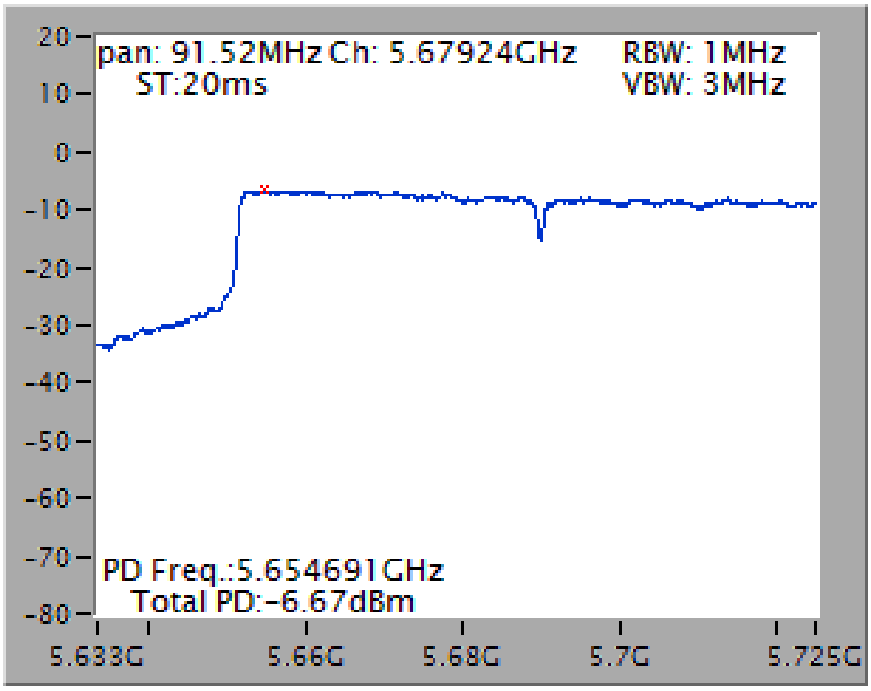
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5710 MHz (UNII 2C)



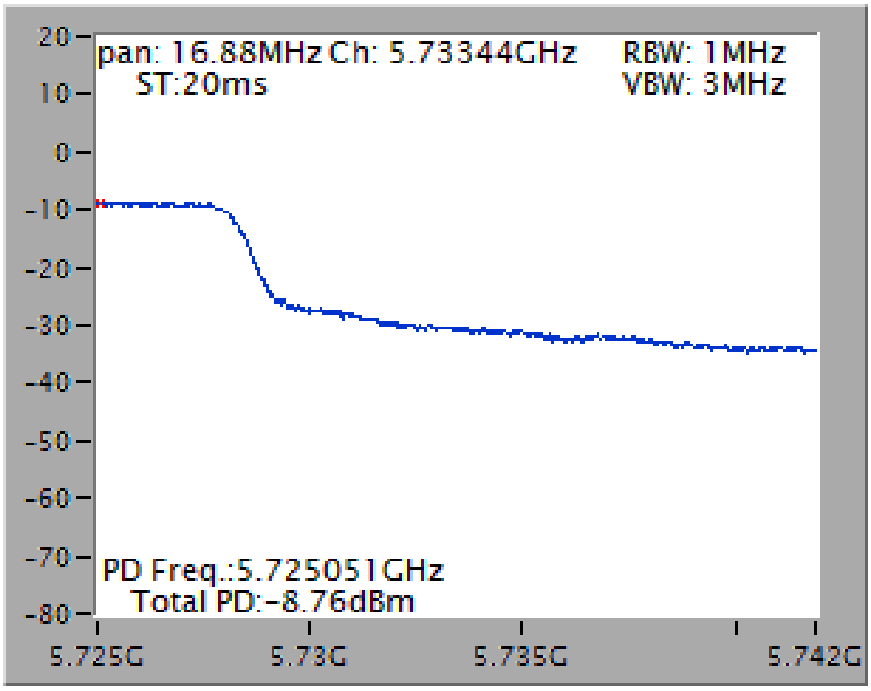
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 5 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 5 / 5690 MHz (UNII 3)



4.5. Radiated Emissions Measurement

4.5.1. Limit

For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.25-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.5.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

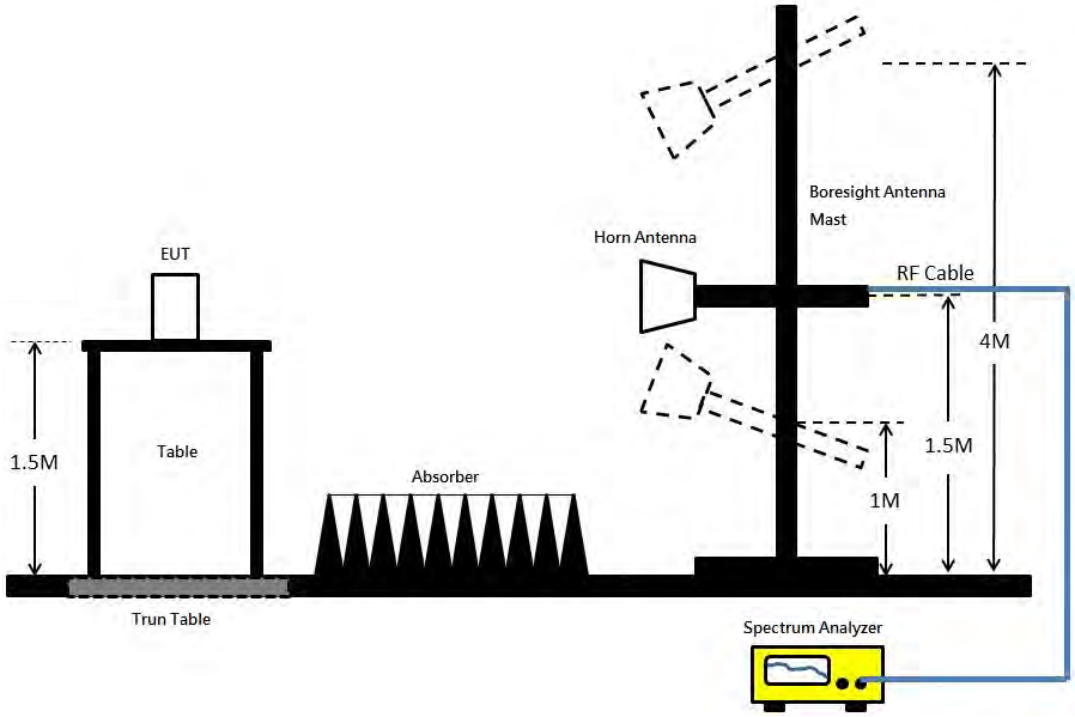
Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1MHz / 3MHz for peak

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RBW 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RBW 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RBW 120kHz for QP

4.5.3. Test Procedures

1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 1m & 3m far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and 3MHz RBW for peak reading. Then 1MHz RBW and 1/T VBW for average reading in spectrum analyzer.
7. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
8. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
9. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

4.5.4. Test Setup Layout



4.5.5. Test Deviation

There is no deviation with the original standard.

4.5.6. EUT Operation during Test

For Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

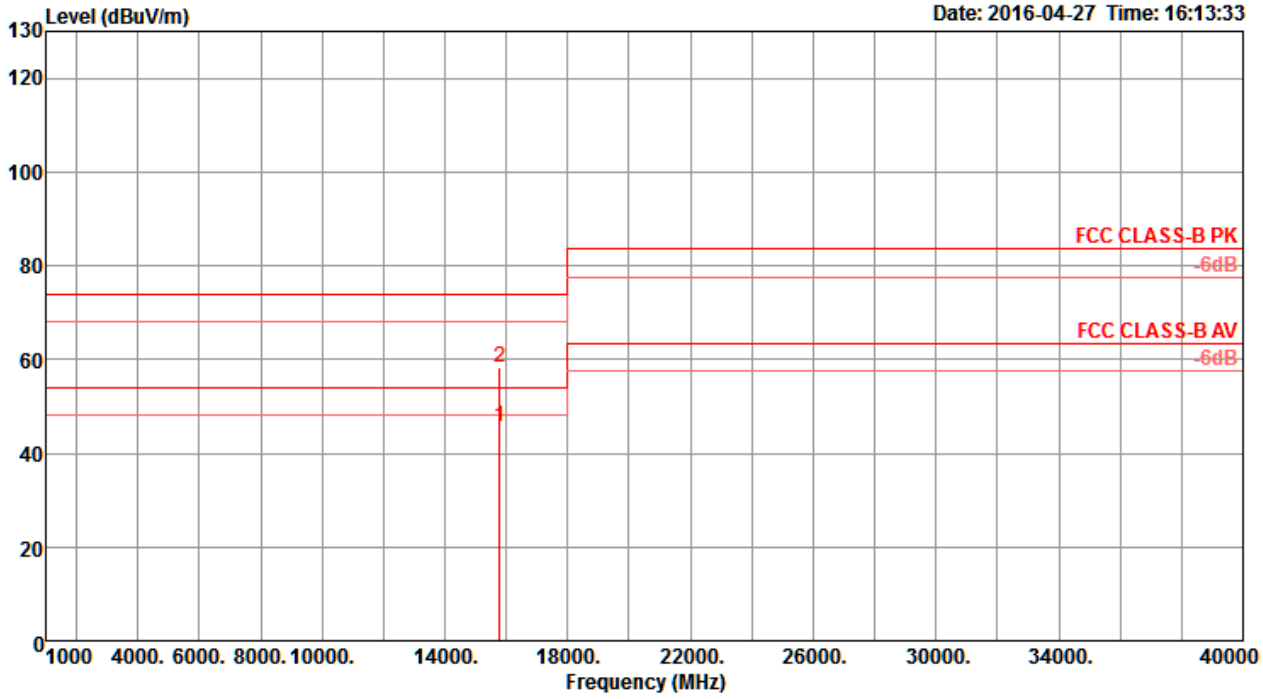
The EUT was programmed to be in beamforming transmitting mode.

4.5.7. Results for Radiated Emissions (1GHz~40GHz)

<For Radio 2 Non-beamforming Mode>

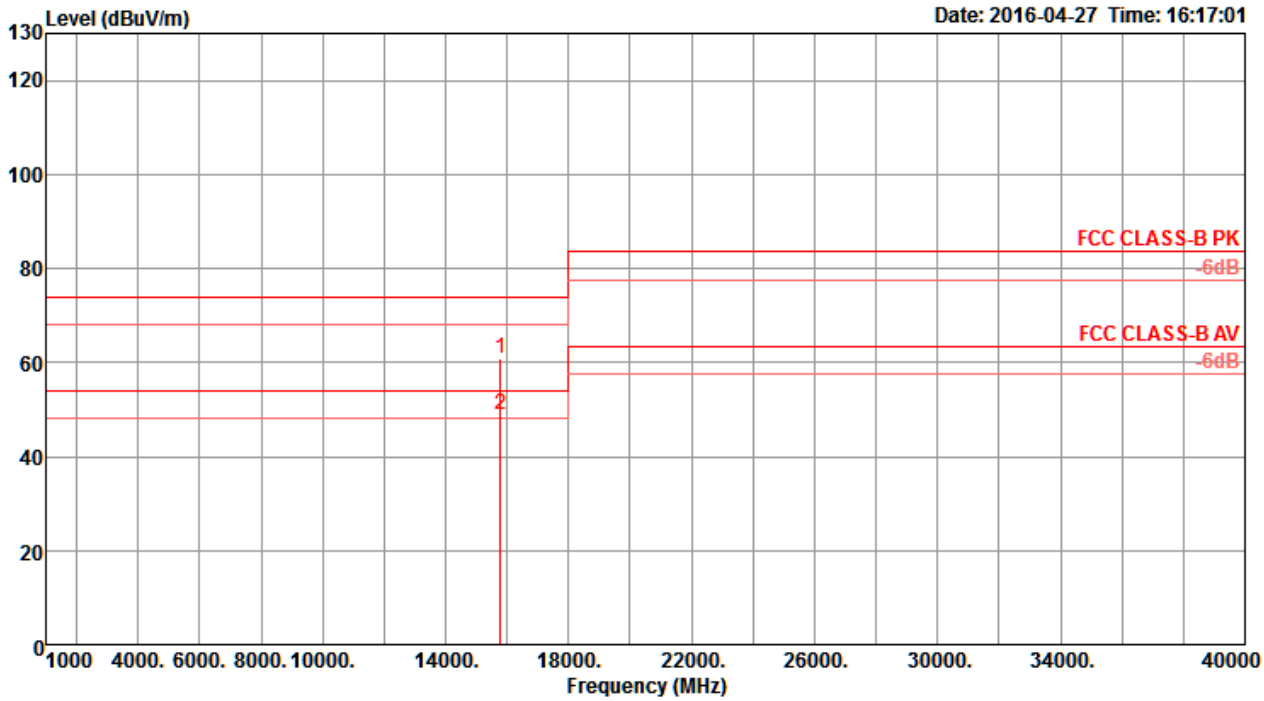
Temperature	22℃	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 52 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15774.36	45.47	54.00	-8.53	30.55	11.29	38.48	34.85	230	244	Average	HORIZONTAL
2	15787.52	58.25	74.00	-15.75	43.25	11.30	38.55	34.85	230	244	Peak	HORIZONTAL

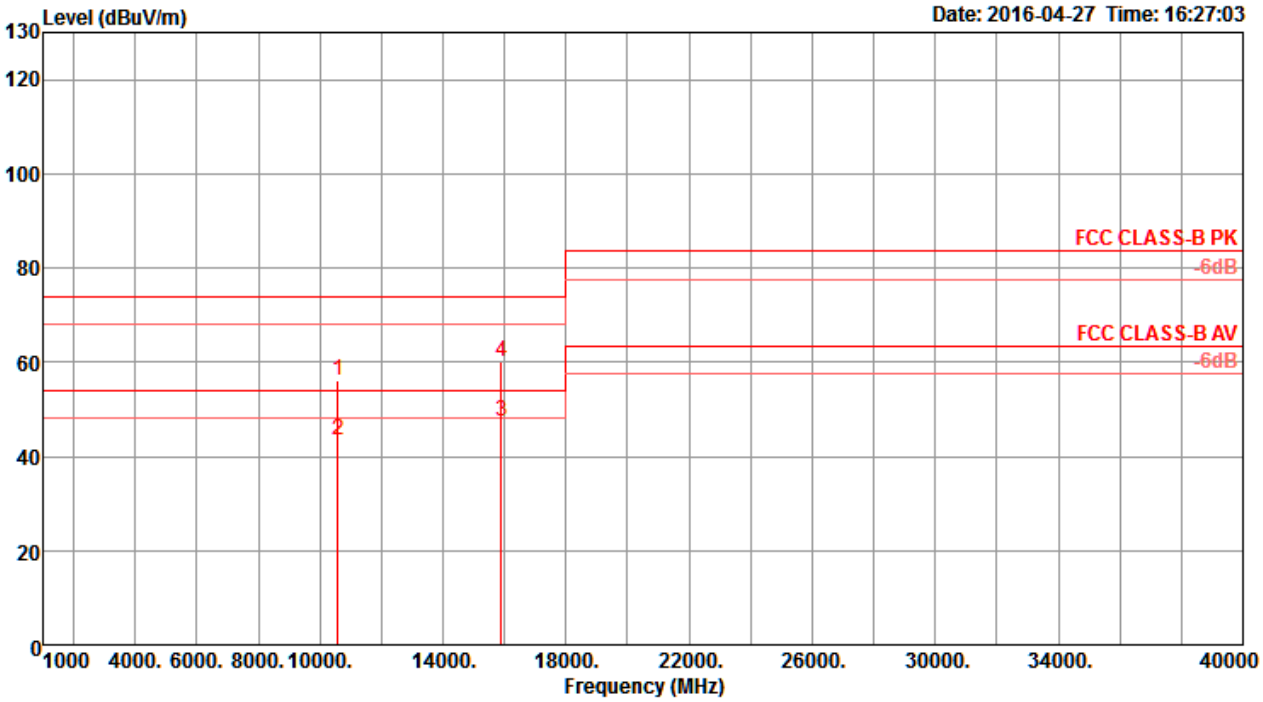
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15776.96	61.01	74.00	-12.99	46.09	11.29	38.48	34.85	35	227	Peak	VERTICAL
2	15777.32	48.95	54.00	-5.05	34.03	11.29	38.48	34.85	35	227	Average	VERTICAL

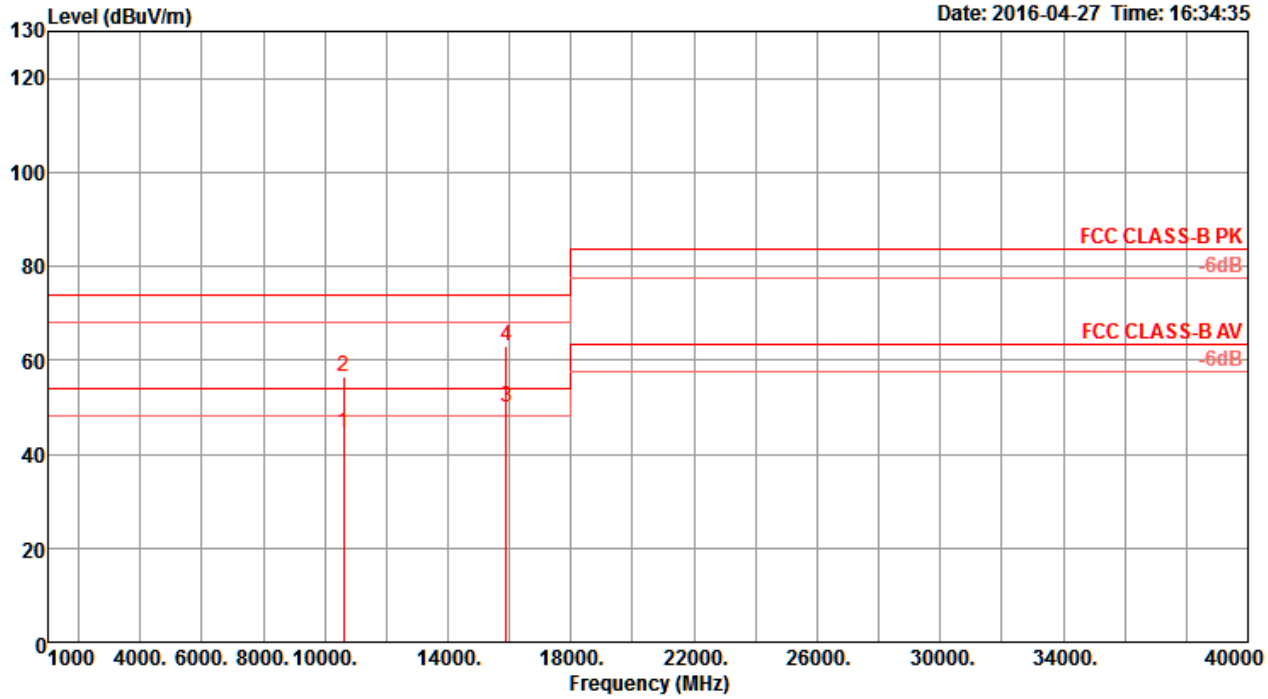
Temperature	22℃	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 60 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10593.16	56.17	74.00	-17.83	42.88	9.74	38.50	34.95	70	210	Peak	HORIZONTAL
2	10593.72	43.28	54.00	-10.72	29.99	9.74	38.50	34.95	70	210	Average	HORIZONTAL
3	15898.40	47.60	54.00	-6.40	32.55	11.32	38.67	34.94	279	243	Average	HORIZONTAL
4	15901.76	60.08	74.00	-13.92	45.03	11.32	38.67	34.94	279	243	Peak	HORIZONTAL

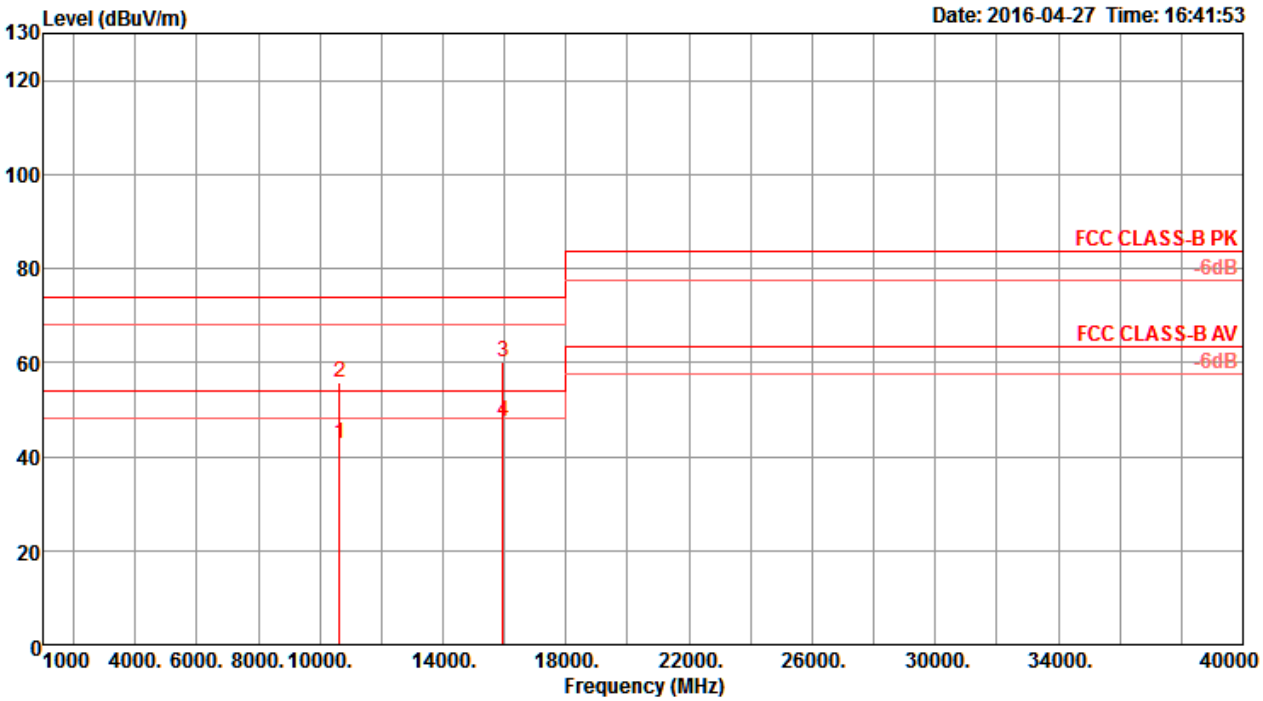
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10601.84	44.56	54.00	-9.44	31.27	9.74	38.50	34.95	312	210	Average	VERTICAL
2	10602.00	56.60	74.00	-17.40	43.31	9.74	38.50	34.95	312	210	Peak	VERTICAL
3	15895.56	50.13	54.00	-3.87	35.08	11.32	38.67	34.94	45	221	Average	VERTICAL
4	15896.32	62.87	74.00	-11.13	47.82	11.32	38.67	34.94	45	221	Peak	VERTICAL

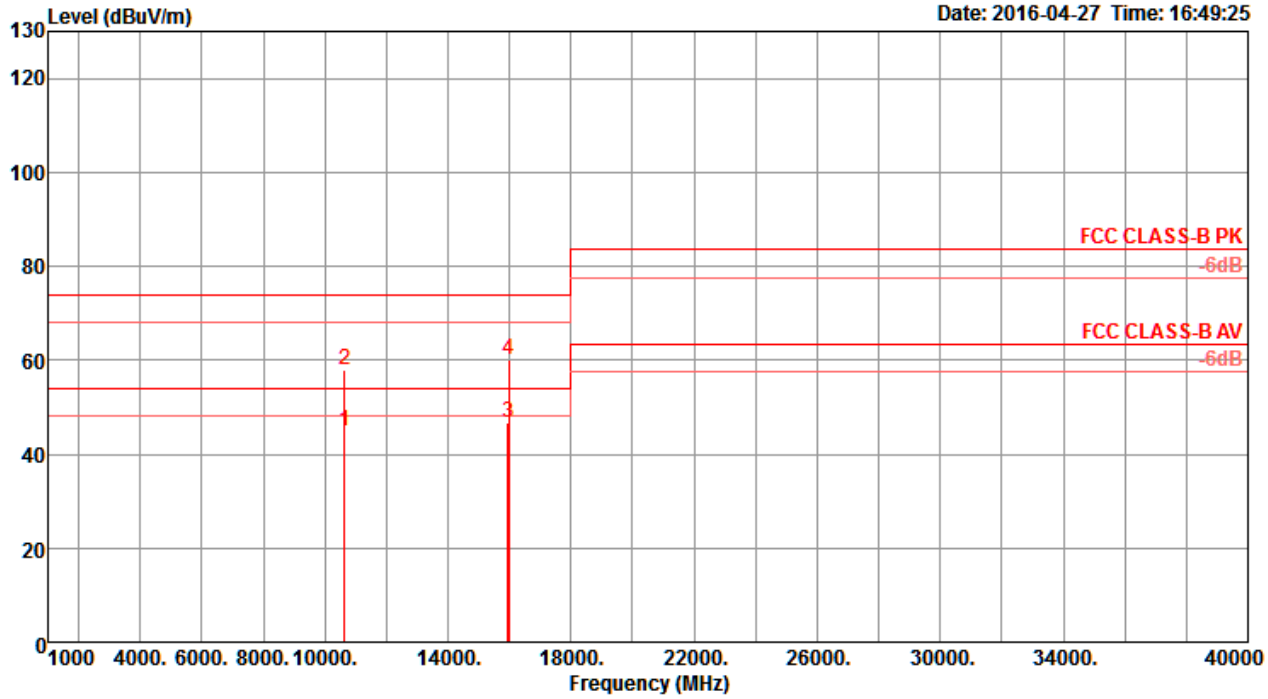
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 64 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10633.00	42.90	54.00	-11.10	29.60	9.73	38.50	34.93	73	211	Average	HORIZONTAL
2	10634.80	55.60	74.00	-18.40	42.30	9.73	38.50	34.93	73	211	Peak	HORIZONTAL
3	15952.44	60.10	74.00	-13.90	45.01	11.33	38.74	34.98	159	239	Peak	HORIZONTAL
4	15958.72	47.38	54.00	-6.62	32.29	11.33	38.74	34.98	159	239	Average	HORIZONTAL

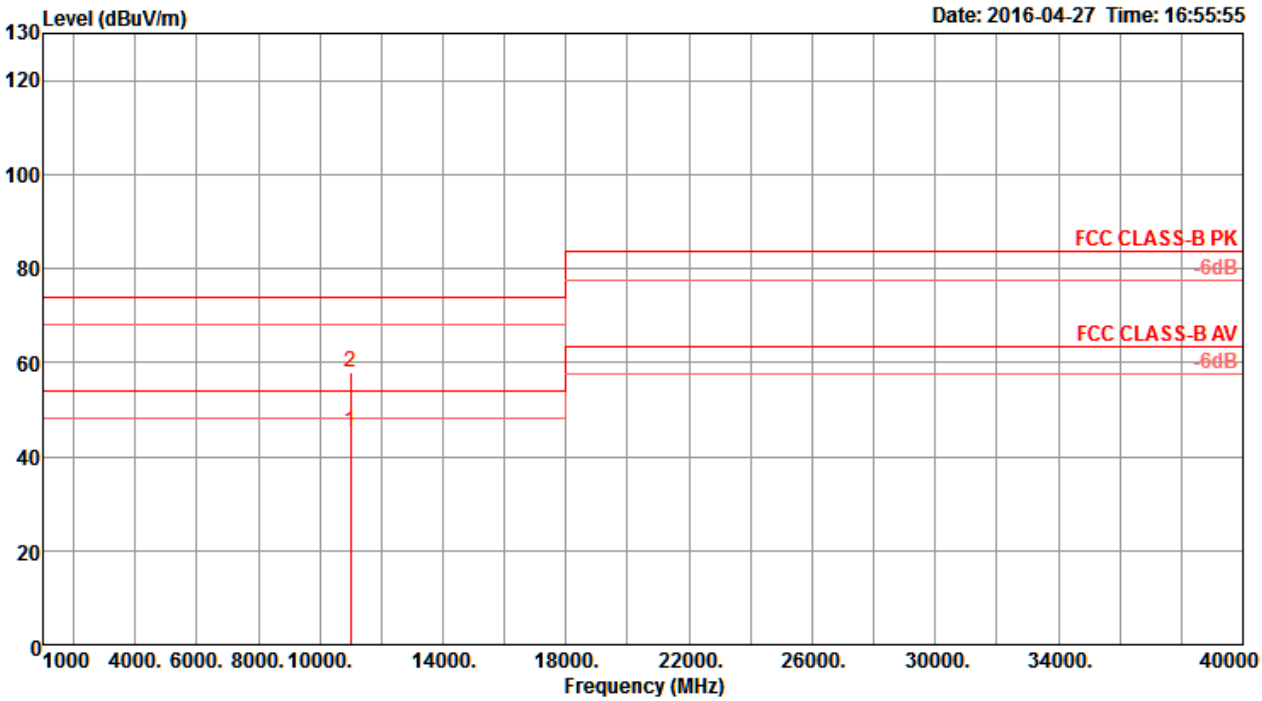
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10647.88	45.00	54.00	-9.00	31.67	9.73	38.50	34.90	305	213	Average	VERTICAL
2	10648.08	57.98	74.00	-16.02	44.65	9.73	38.50	34.90	305	213	Peak	VERTICAL
3	15950.00	46.70	54.00	-7.30	31.61	11.33	38.74	34.98	51	223	Average	VERTICAL
4	15964.04	60.19	74.00	-13.81	45.10	11.33	38.74	34.98	51	223	Peak	VERTICAL

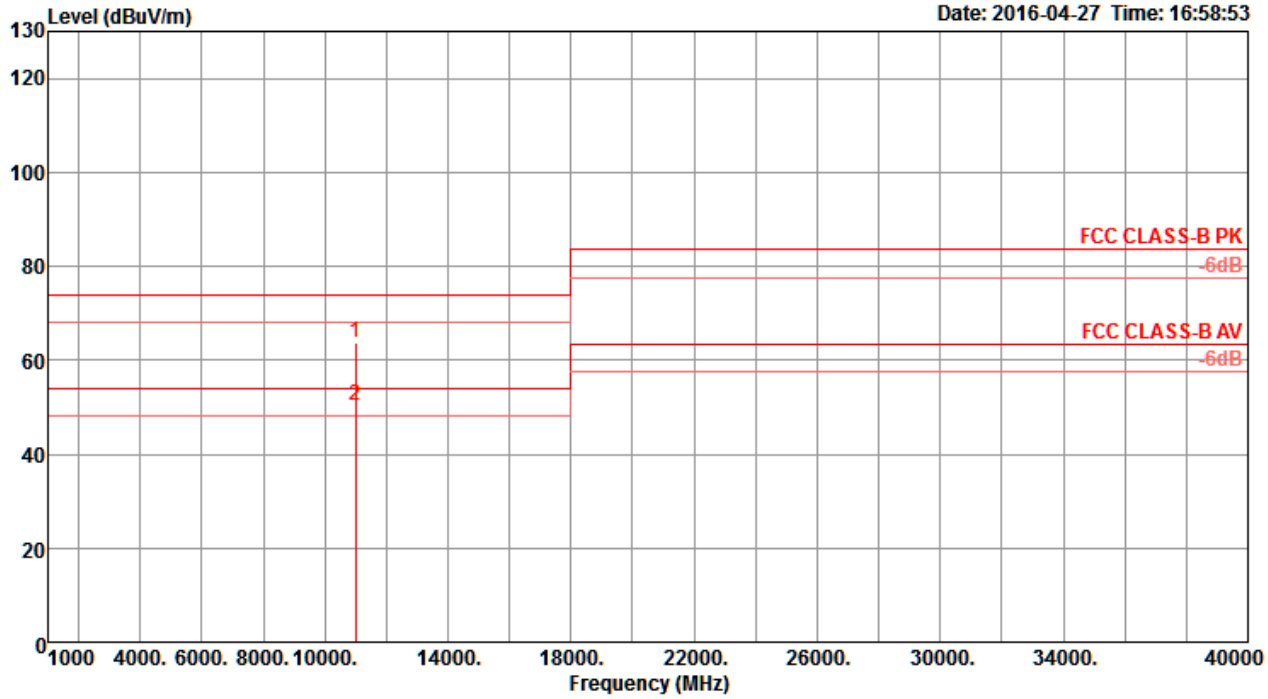
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 100 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11007.60	45.41	54.00	-8.59	31.89	9.68	38.50	34.66	68	250	Average	HORIZONTAL
2	11008.68	57.85	74.00	-16.15	44.33	9.68	38.50	34.66	68	250	Peak	HORIZONTAL

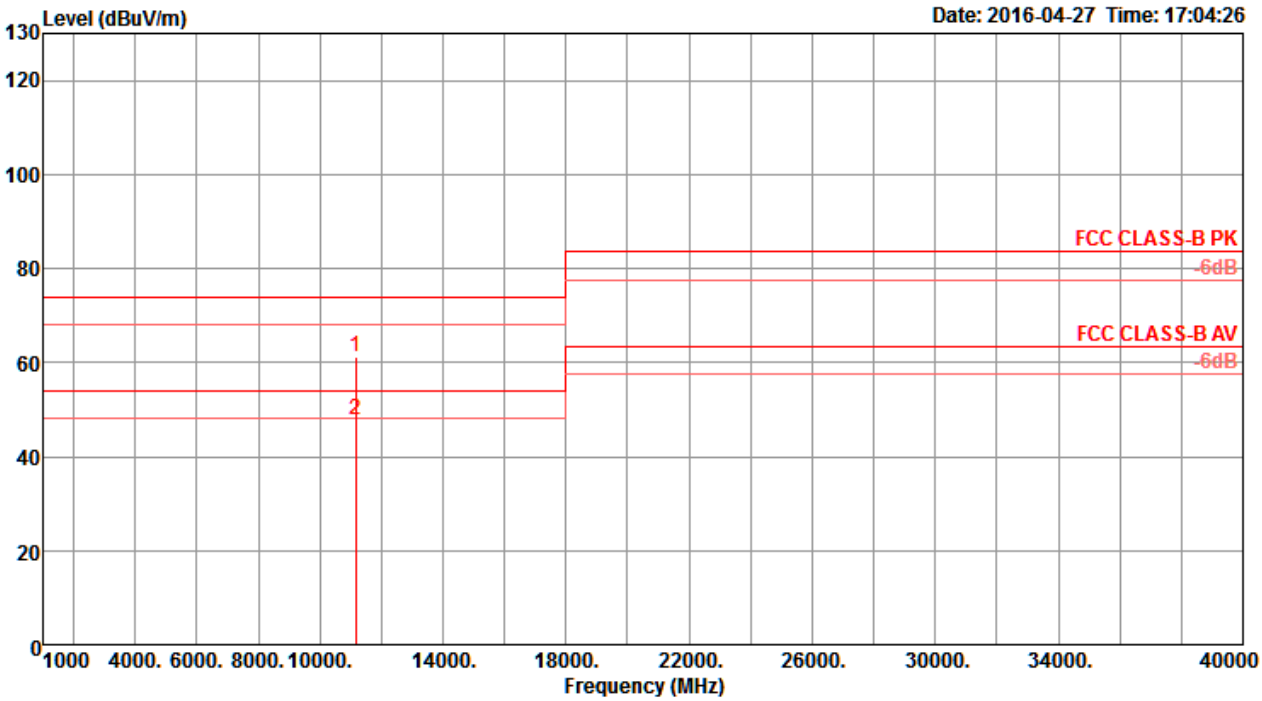
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11008.92	63.81	74.00	-10.19	50.29	9.68	38.50	34.66	292	212	Peak	VERTICAL
2	11010.00	50.21	54.00	-3.79	36.69	9.68	38.50	34.66	292	212	Average	VERTICAL

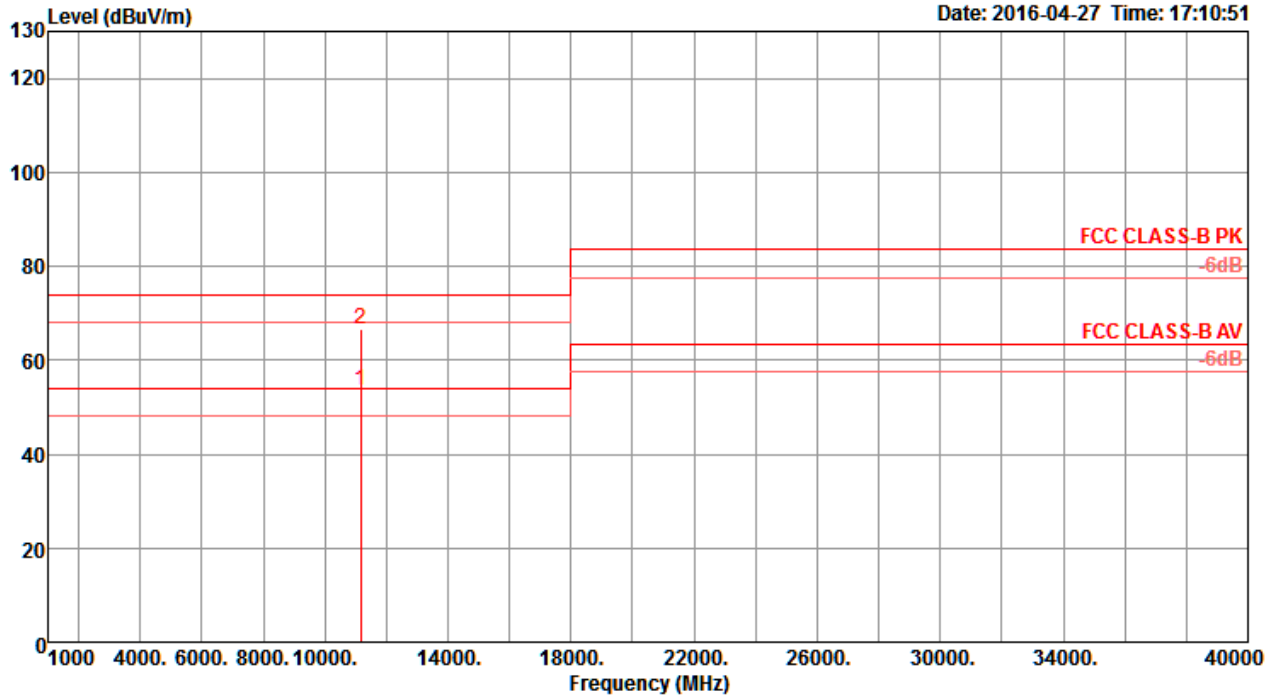
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 116 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11169.30	61.22	74.00	-12.78	47.71	9.66	38.50	34.65	71	250	Peak	HORIZONTAL
2	11169.50	47.94	54.00	-6.06	34.43	9.66	38.50	34.65	71	250	Average	HORIZONTAL

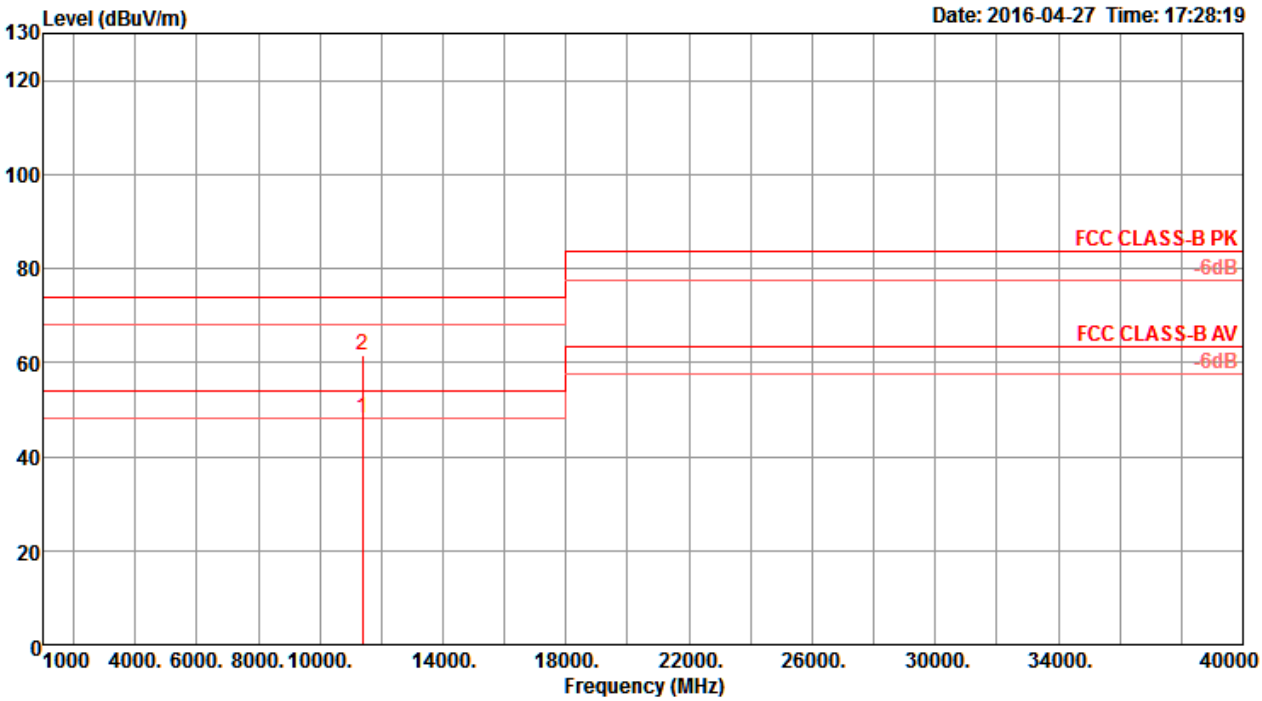
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11165.90	53.73	54.00	-0.27	40.22	9.66	38.50	34.65	227	213	Average	VERTICAL
2	11167.20	66.78	74.00	-7.22	53.27	9.66	38.50	34.65	227	213	Peak	VERTICAL

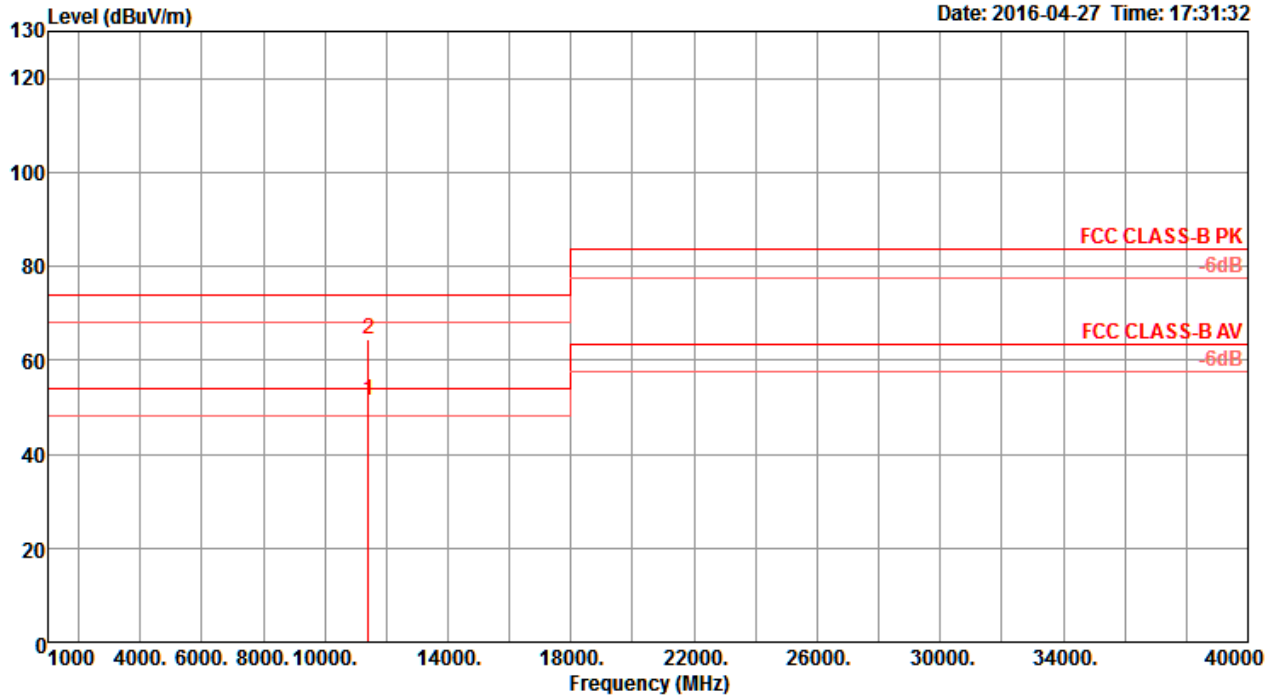
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 140 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11392.00	48.08	54.00	-5.92	34.58	9.63	38.50	34.63	74	208	Average	HORIZONTAL
2	11392.76	61.68	74.00	-12.32	48.18	9.63	38.50	34.63	74	208	Peak	HORIZONTAL

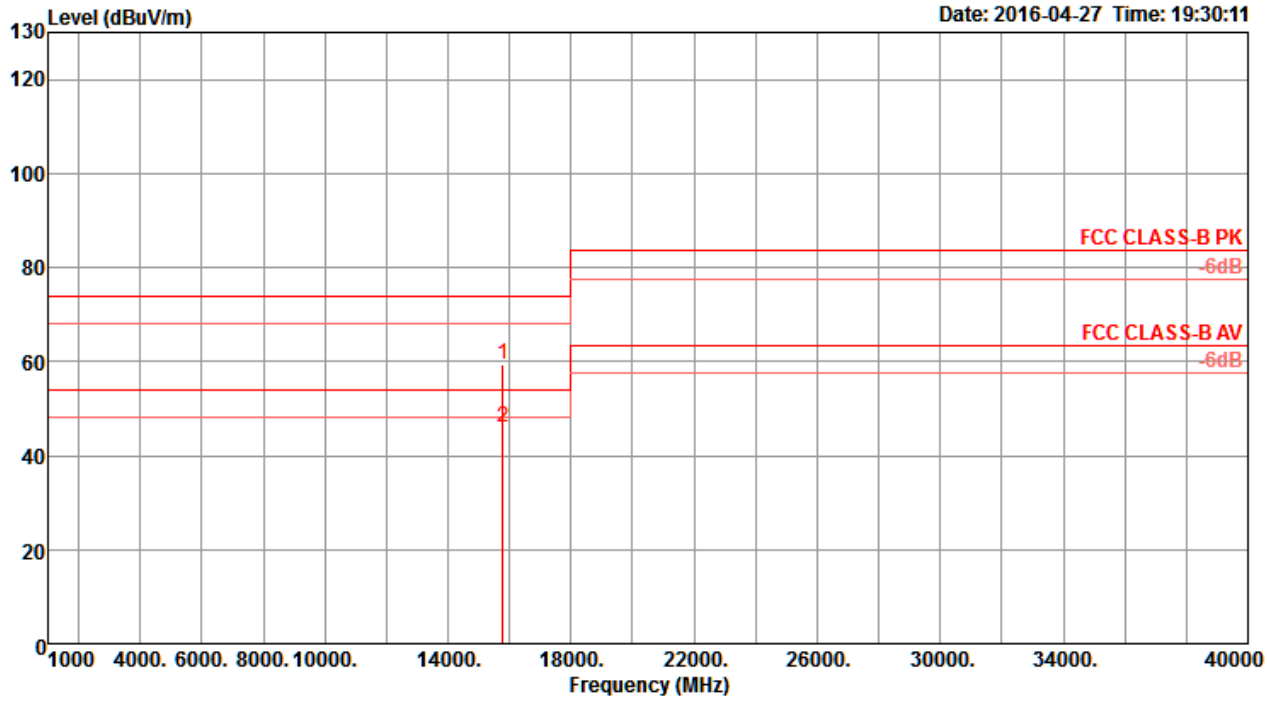
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11409.10	51.47	54.00	-2.53	37.97	9.63	38.50	34.63	260	211	Average	VERTICAL
2	11410.70	64.54	74.00	-9.46	51.04	9.63	38.50	34.63	260	211	Peak	VERTICAL

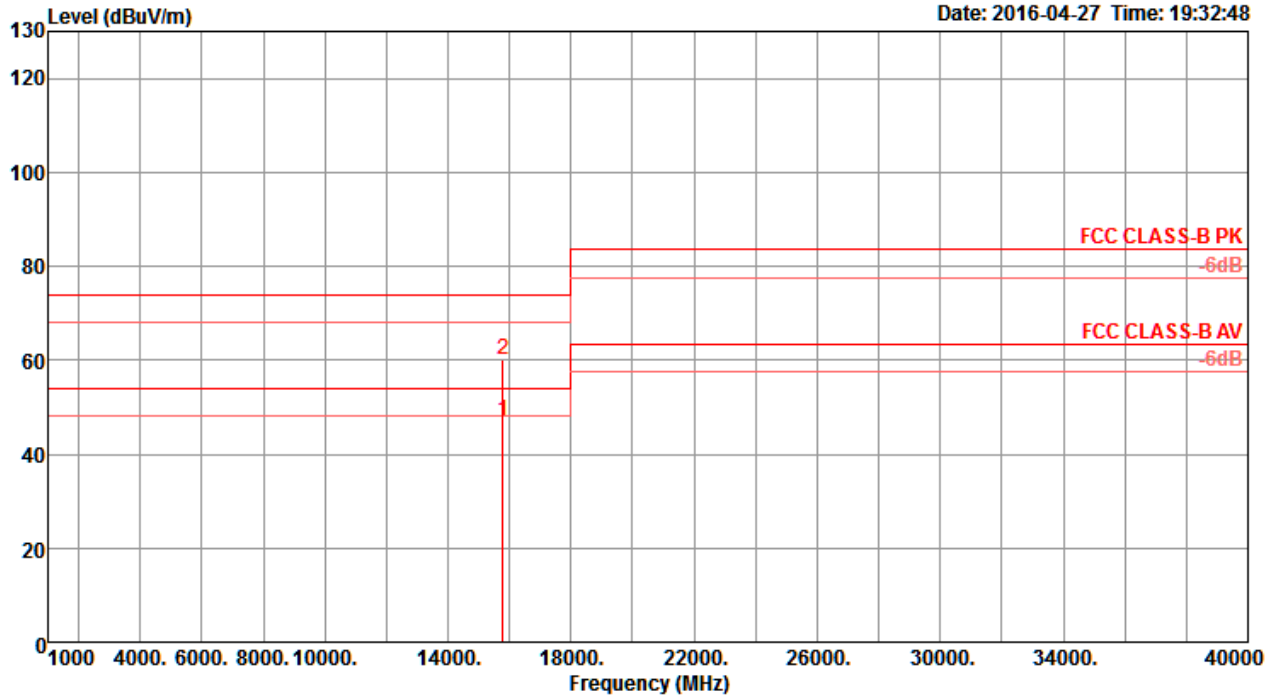
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15776.20	59.24	74.00	-14.76	44.32	11.29	38.48	34.85	325	277	Peak	HORIZONTAL
2	15776.64	46.04	54.00	-7.96	31.12	11.29	38.48	34.85	325	277	Average	HORIZONTAL

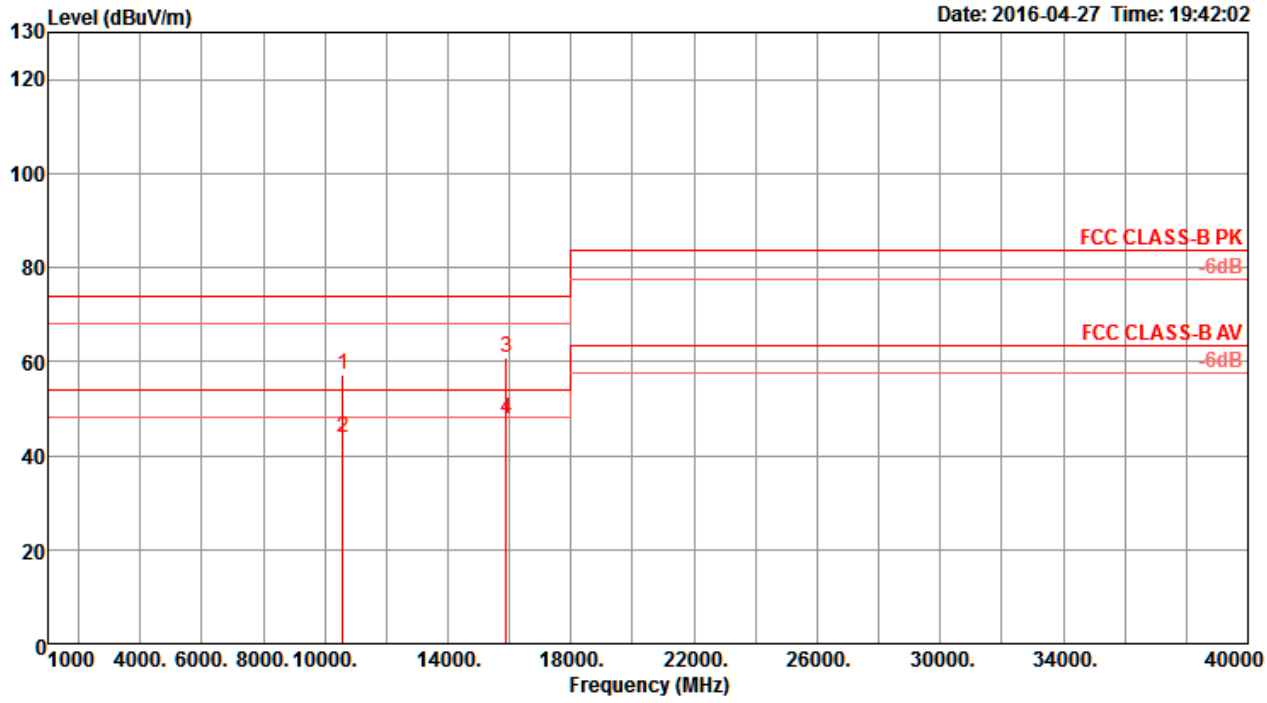
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15773.88	47.03	54.00	-6.97	32.11	11.29	38.48	34.85	44	186	Average	VERTICAL
2	15784.00	60.12	74.00	-13.88	45.12	11.30	38.55	34.85	44	186	Peak	VERTICAL

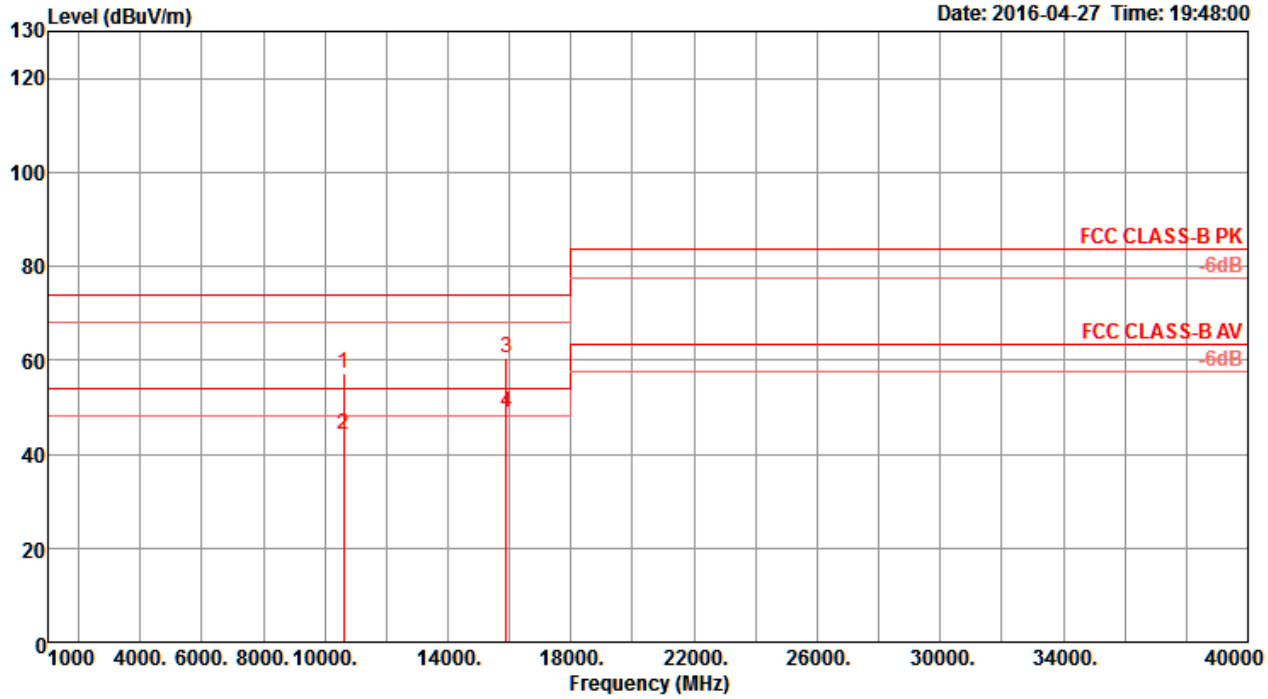
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10591.08	57.13	74.00	-16.87	43.84	9.74	38.50	34.95	71	208	Peak	HORIZONTAL
2	10592.52	43.76	54.00	-10.24	30.47	9.74	38.50	34.95	71	208	Average	HORIZONTAL
3	15891.84	60.96	74.00	-13.04	45.91	11.32	38.67	34.94	130	197	Peak	HORIZONTAL
4	15895.24	47.81	54.00	-6.19	32.76	11.32	38.67	34.94	130	197	Average	HORIZONTAL

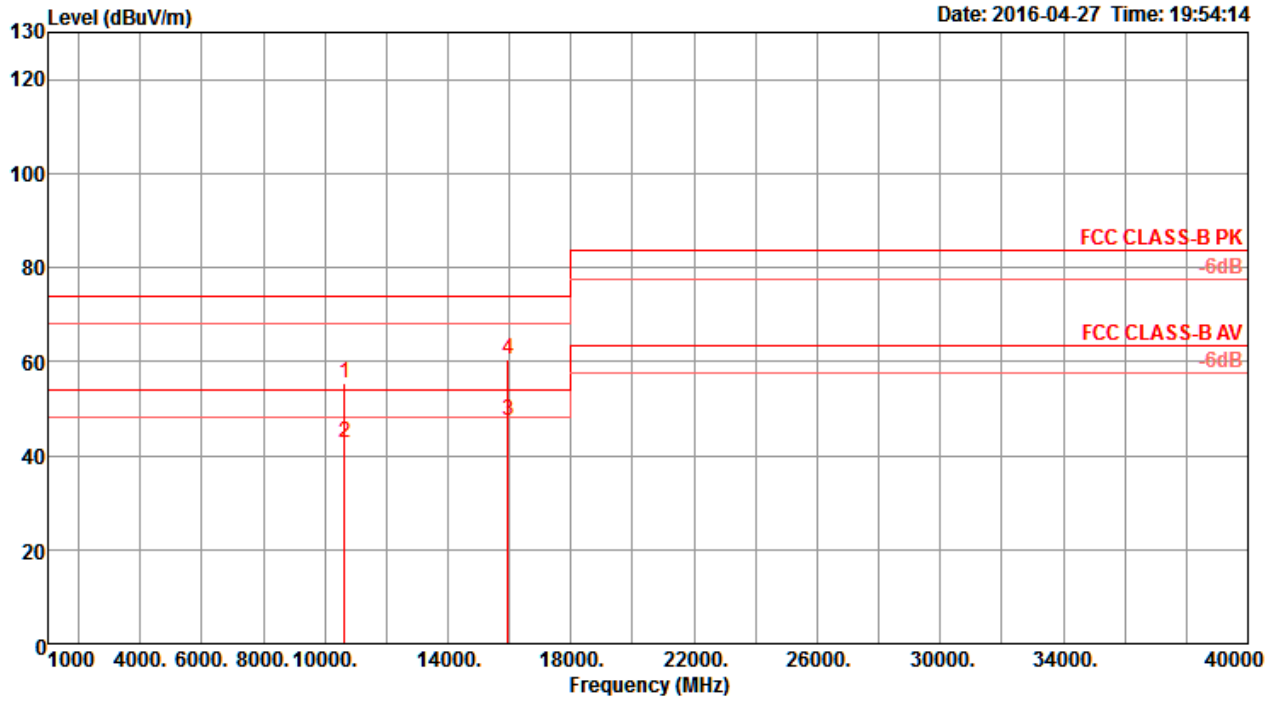
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10599.44	57.26	74.00	-16.74	43.97	9.74	38.50	34.95	307	216	Peak	VERTICAL
2	10608.68	44.22	54.00	-9.78	30.91	9.74	38.50	34.93	307	216	Average	VERTICAL
3	15894.76	60.48	74.00	-13.52	45.43	11.32	38.67	34.94	102	201	Peak	VERTICAL
4	15895.76	48.73	54.00	-5.27	33.68	11.32	38.67	34.94	102	201	Average	VERTICAL

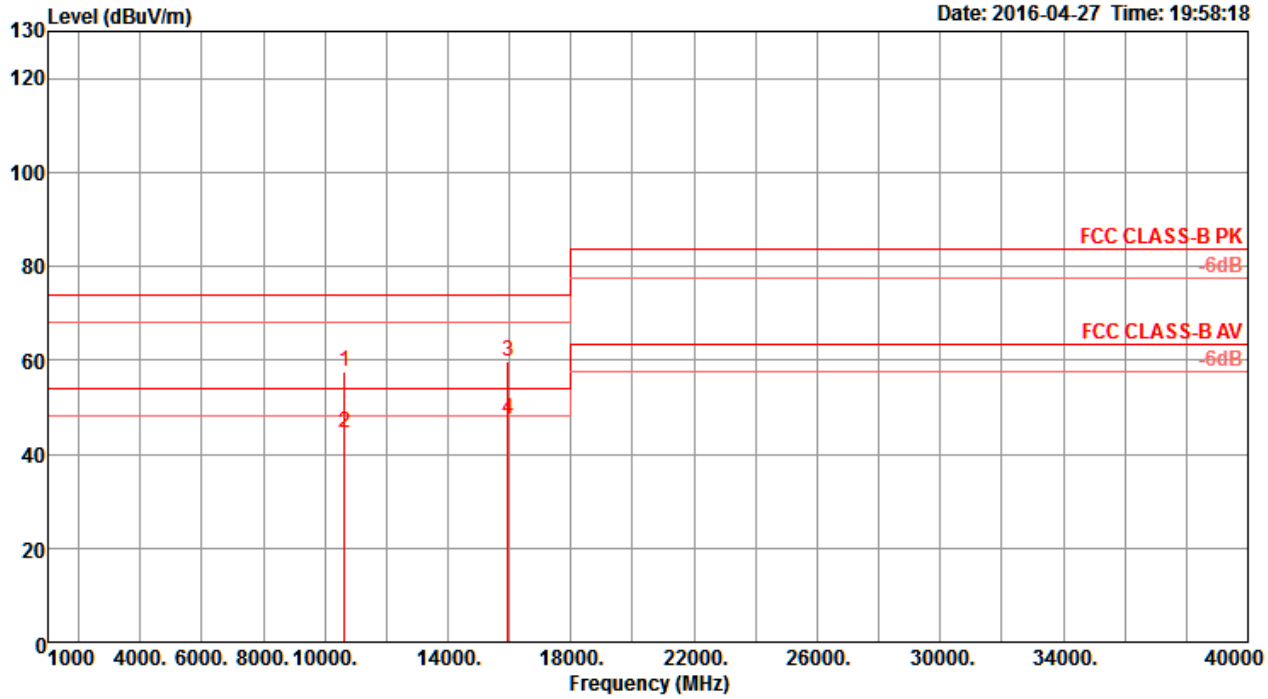
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10631.44	55.42	74.00	-18.58	42.12	9.73	38.50	34.93	64	200	Peak	HORIZONTAL
2	10631.56	42.83	54.00	-11.17	29.53	9.73	38.50	34.93	64	200	Average	HORIZONTAL
3	15950.08	47.60	54.00	-6.40	32.51	11.33	38.74	34.98	344	244	Average	HORIZONTAL
4	15955.52	60.41	74.00	-13.59	45.32	11.33	38.74	34.98	344	244	Peak	HORIZONTAL

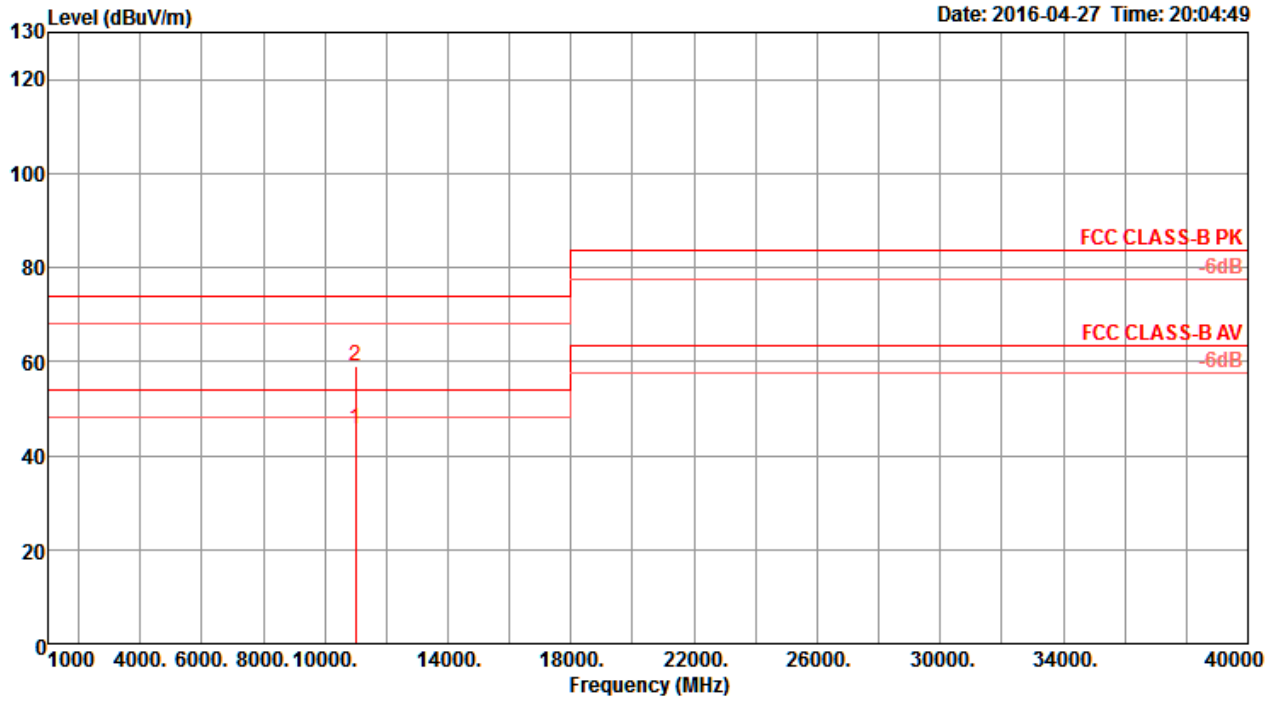
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10647.60	57.52	74.00	-16.48	44.19	9.73	38.50	34.90	305	195	Peak	VERTICAL
2	10648.40	44.69	54.00	-9.31	31.36	9.73	38.50	34.90	305	195	Average	VERTICAL
3	15950.72	59.75	74.00	-14.25	44.66	11.33	38.74	34.98	71	266	Peak	VERTICAL
4	15955.60	47.43	54.00	-6.57	32.34	11.33	38.74	34.98	71	266	Average	VERTICAL

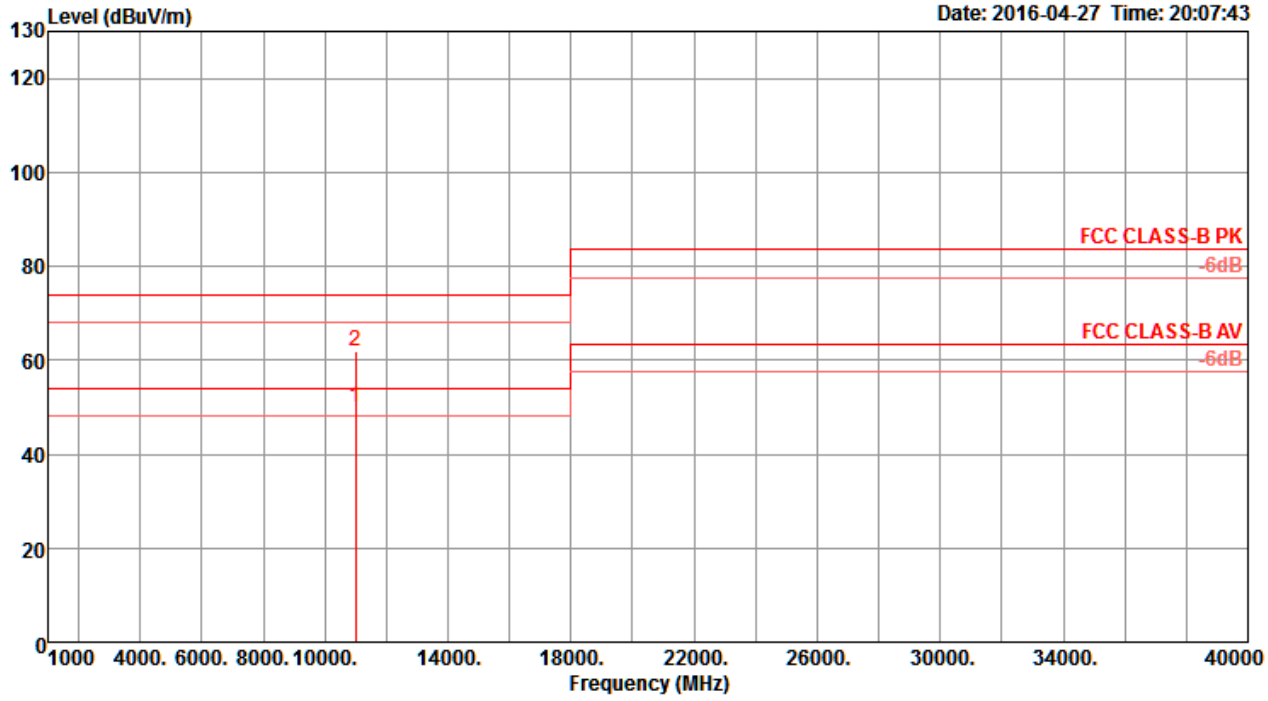
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11008.30	45.59	54.00	-8.41	32.07	9.68	38.50	34.66	68	243	Average	HORIZONTAL
2	11008.60	59.03	74.00	-14.97	45.51	9.68	38.50	34.66	68	243	Peak	HORIZONTAL

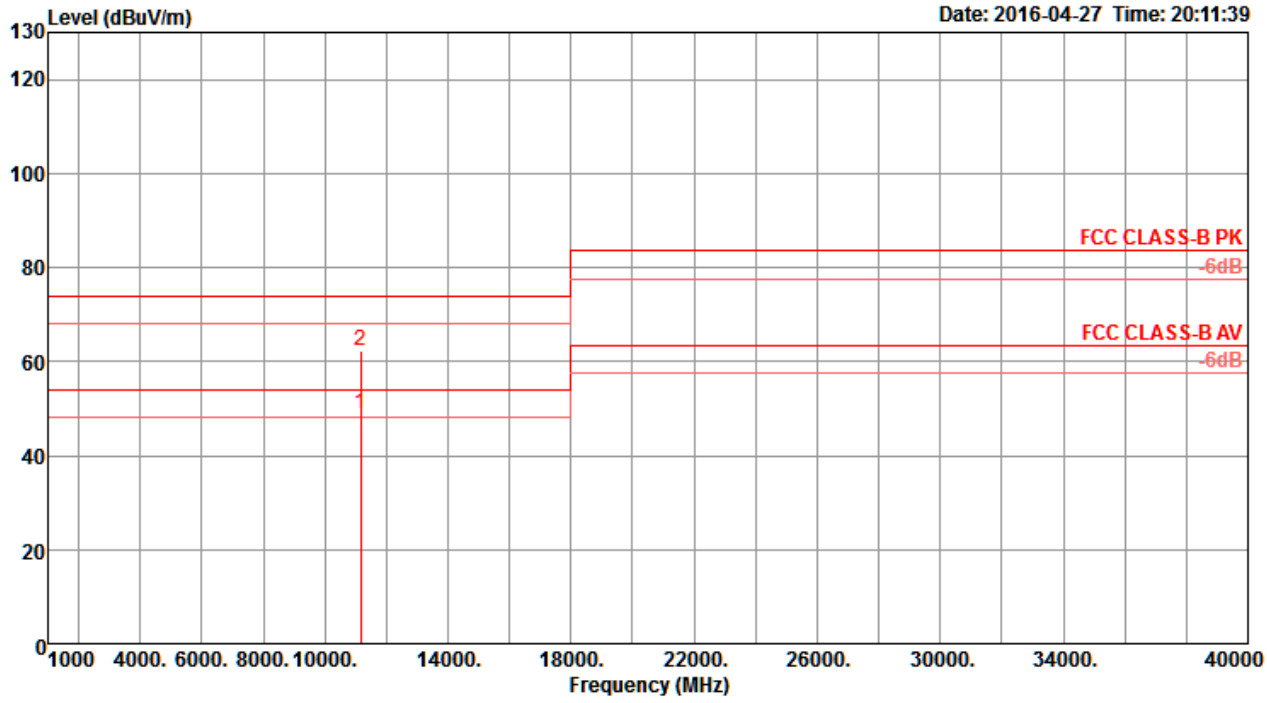
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11008.40	49.99	54.00	-4.01	36.47	9.68	38.50	34.66	291	204	Average	VERTICAL
2	11009.30	62.03	74.00	-11.97	48.51	9.68	38.50	34.66	291	204	Peak	VERTICAL

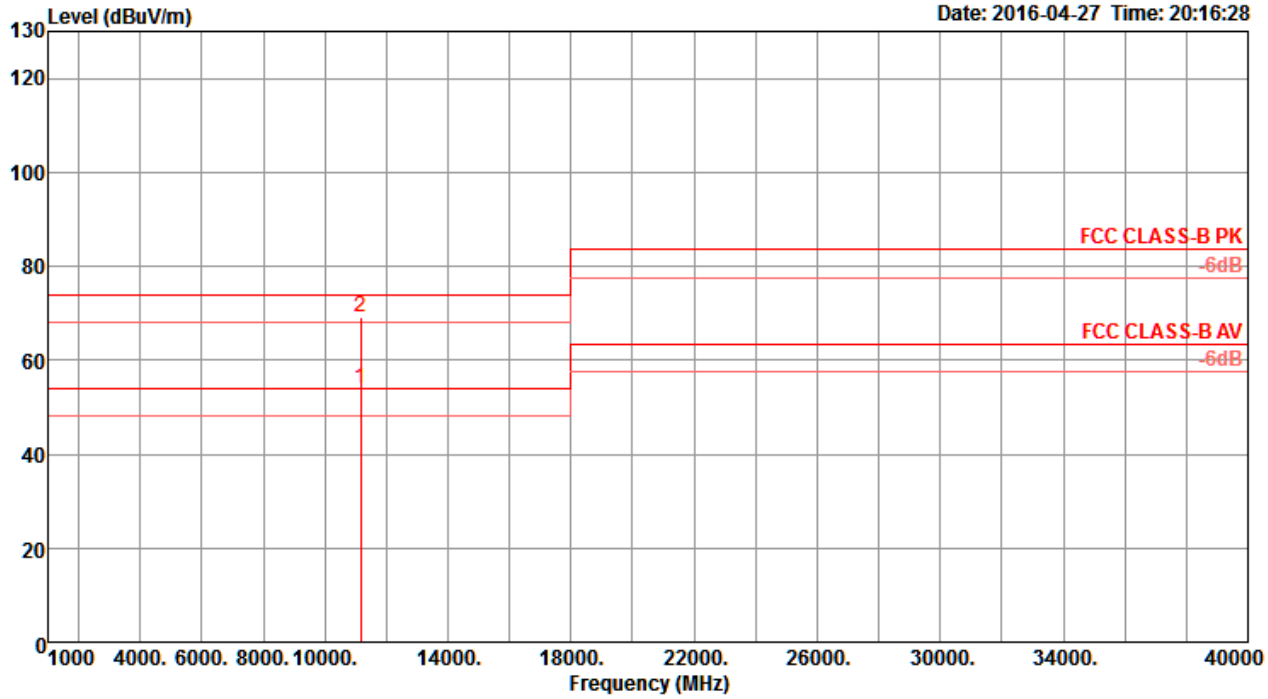
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11168.90	48.99	54.00	-5.01	35.48	9.66	38.50	34.65	70	254	Average	HORIZONTAL
2	11169.30	62.44	74.00	-11.56	48.93	9.66	38.50	34.65	70	254	Peak	HORIZONTAL

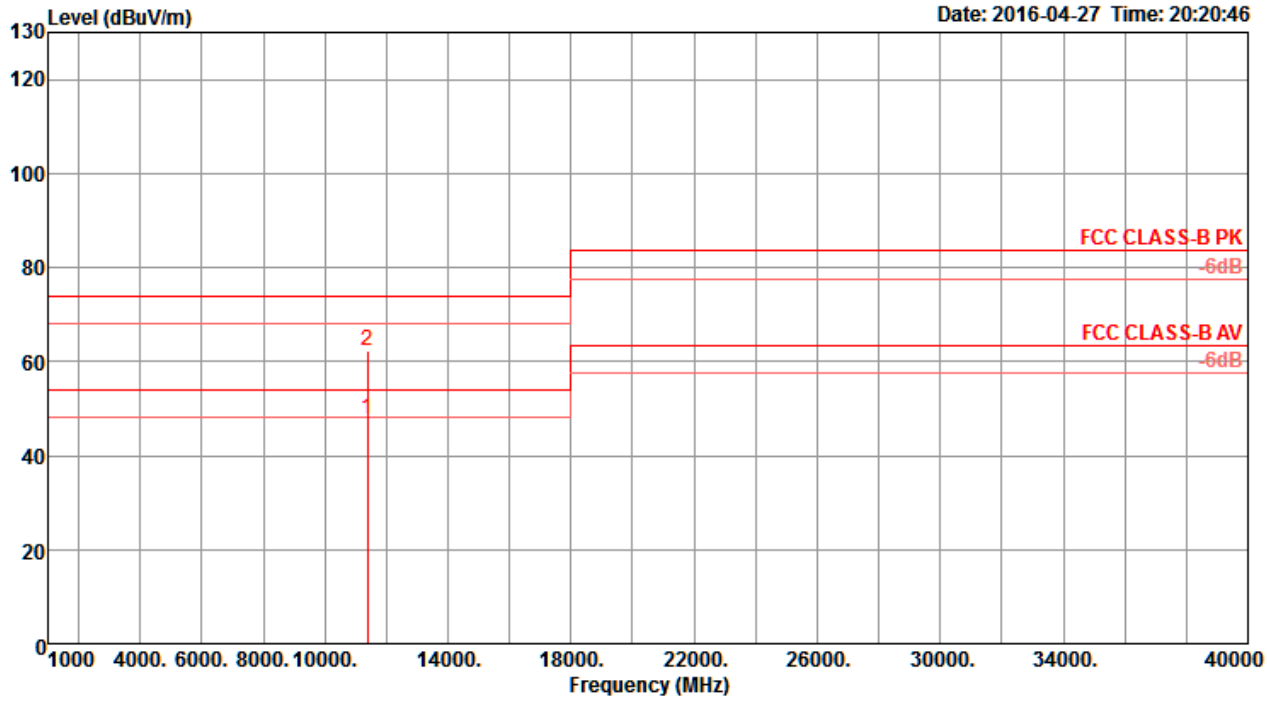
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11169.20	53.80	54.00	-0.20	40.29	9.66	38.50	34.65	290	210	Average	VERTICAL
2	11169.40	69.04	74.00	-4.96	55.53	9.66	38.50	34.65	290	210	Peak	VERTICAL

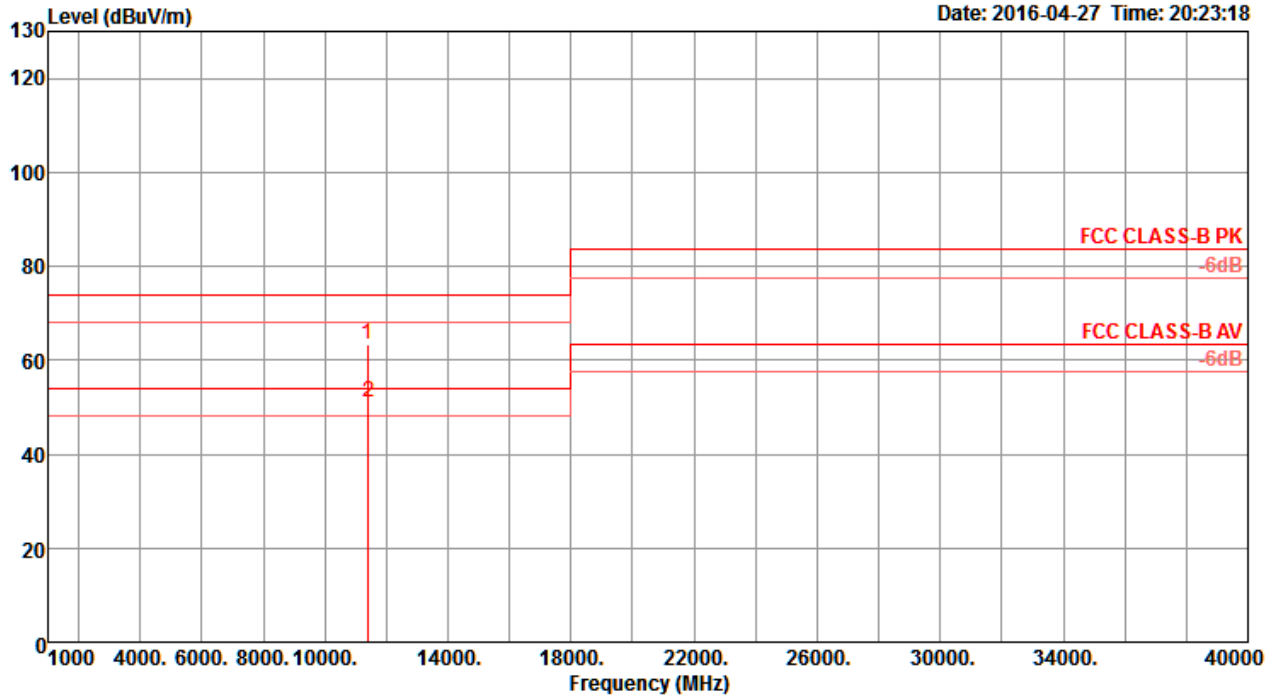
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11391.50	47.96	54.00	-6.04	34.46	9.63	38.50	34.63	74	212	Average	HORIZONTAL
2	11392.20	62.27	74.00	-11.73	48.77	9.63	38.50	34.63	74	212	Peak	HORIZONTAL

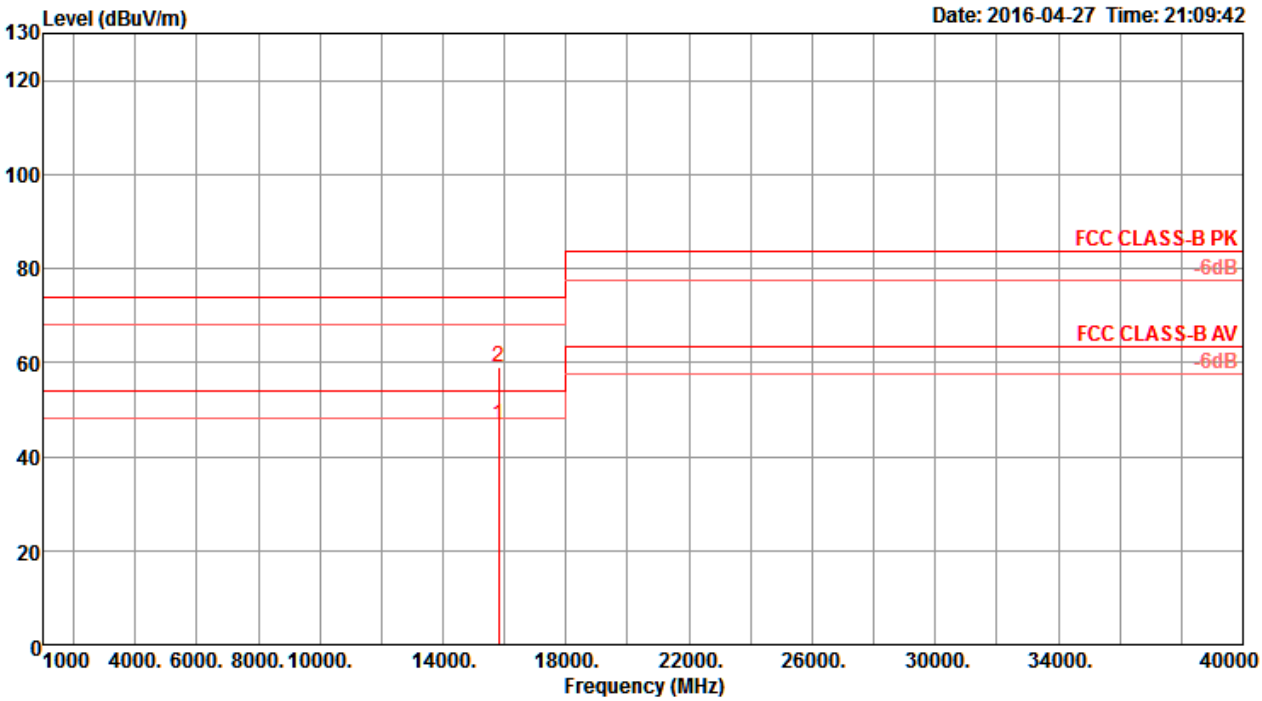
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11390.10	63.42	74.00	-10.58	49.92	9.63	38.50	34.63	260	201	Peak	VERTICAL
2	11409.60	50.91	54.00	-3.09	37.41	9.63	38.50	34.63	260	201	Average	VERTICAL

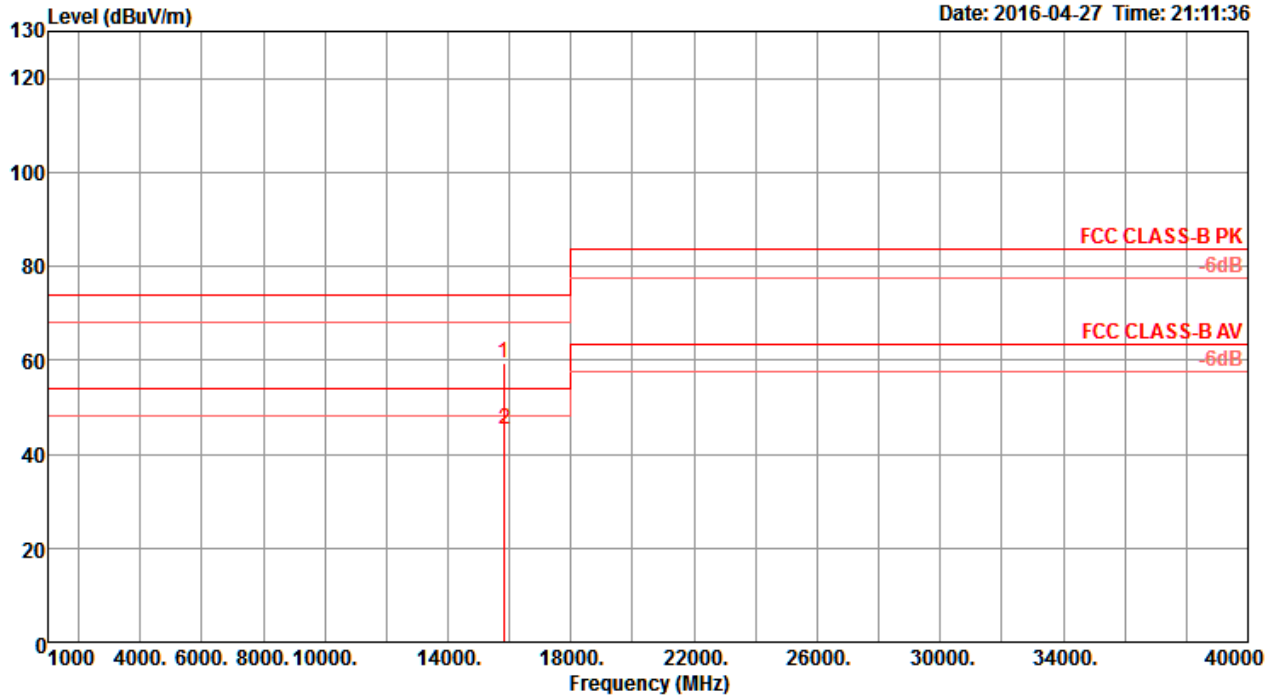
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15817.20	46.79	54.00	-7.21	31.83	11.30	38.55	34.89	301	169	Average	HORIZONTAL
2	15821.84	59.18	74.00	-14.82	44.22	11.30	38.55	34.89	301	169	Peak	HORIZONTAL

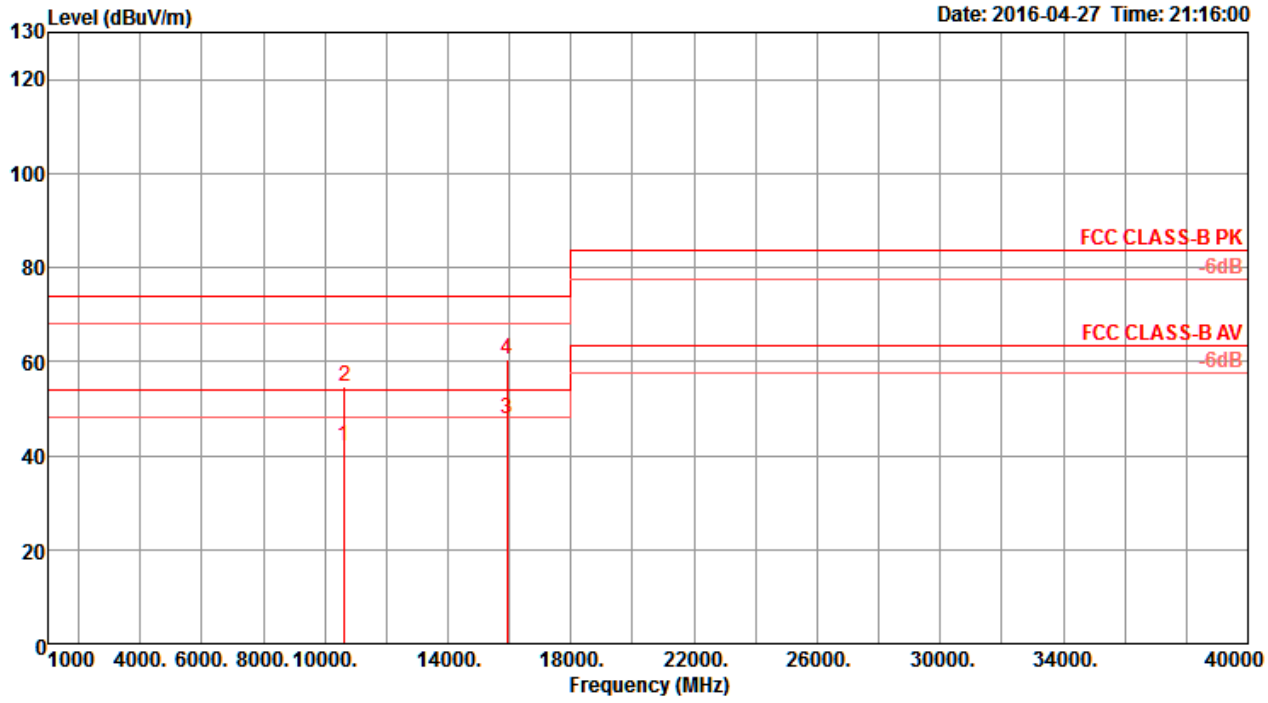
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15824.24	59.53	74.00	-14.47	44.57	11.30	38.55	34.89	24	216	Peak	VERTICAL
2	15827.60	45.39	54.00	-8.61	30.36	11.31	38.61	34.89	24	216	Average	VERTICAL

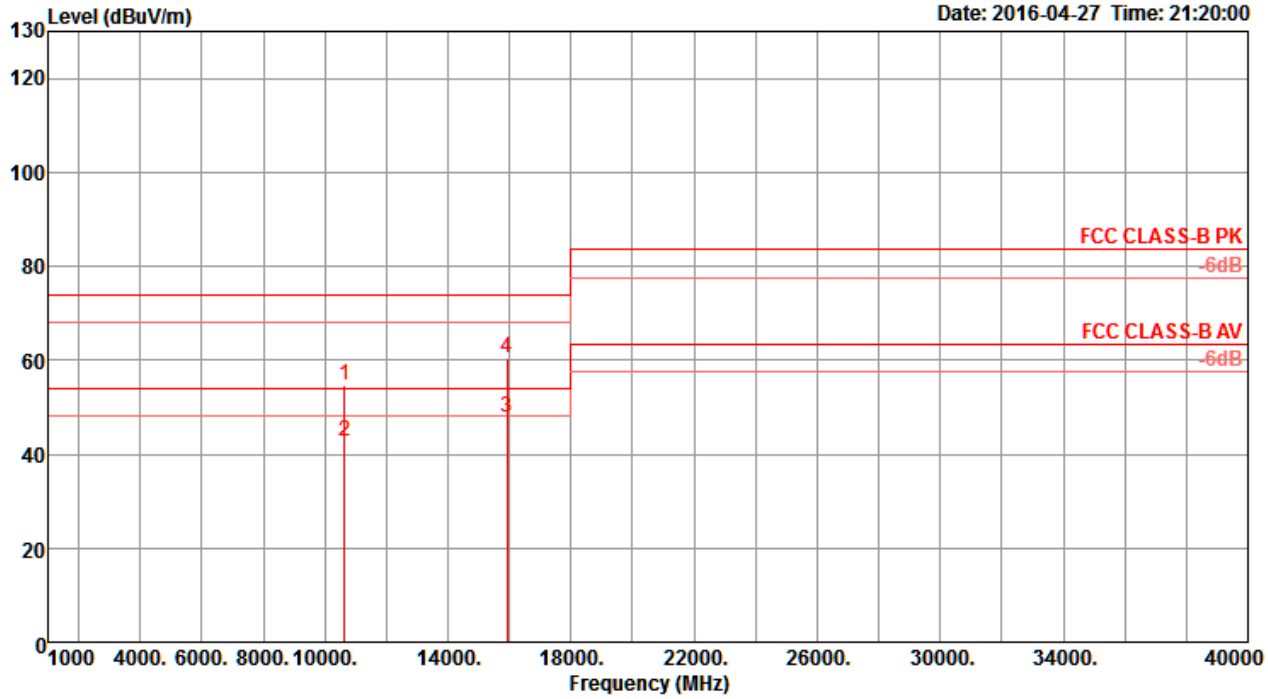
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10602.96	42.12	54.00	-11.88	28.83	9.74	38.50	34.95	181	195	Average	HORIZONTAL
2	10627.60	54.78	74.00	-19.22	41.48	9.73	38.50	34.93	181	195	Peak	HORIZONTAL
3	15912.08	47.73	54.00	-6.27	32.68	11.32	38.67	34.94	256	220	Average	HORIZONTAL
4	15913.60	60.56	74.00	-13.44	45.51	11.32	38.67	34.94	256	220	Peak	HORIZONTAL

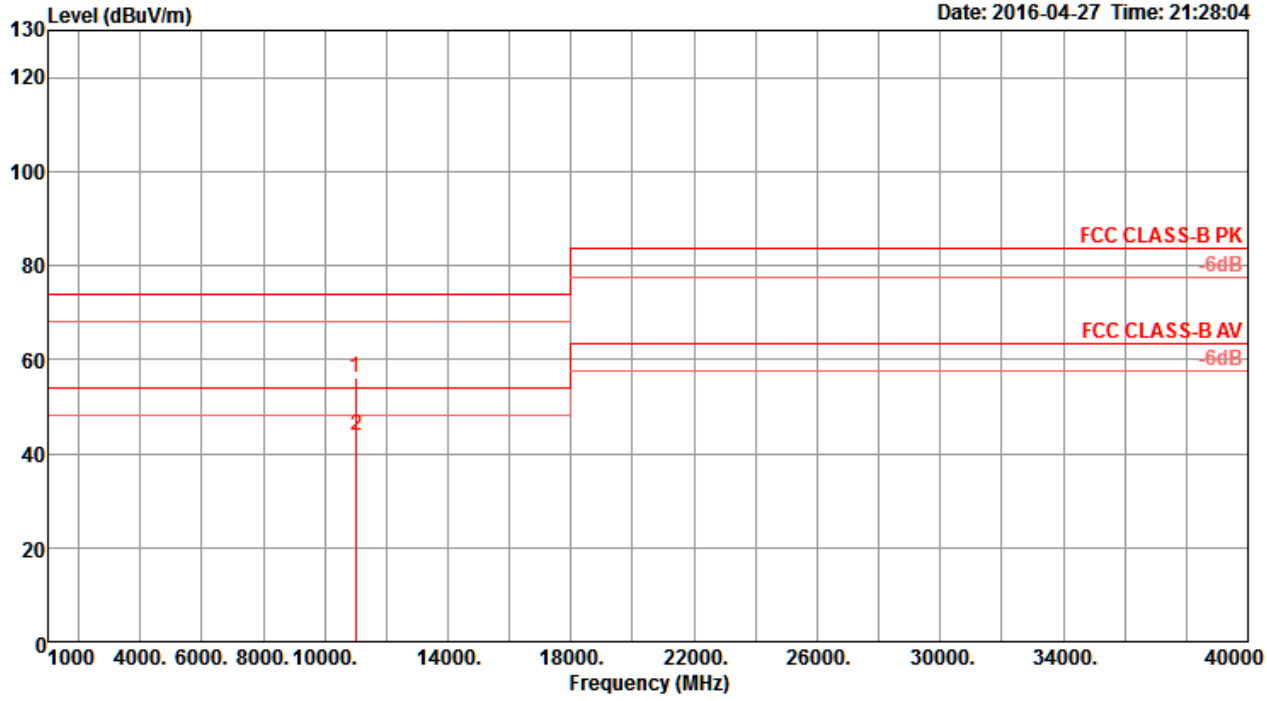
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10628.56	54.67	74.00	-19.33	41.37	9.73	38.50	34.93	302	169	Peak	VERTICAL
2	10628.64	42.70	54.00	-11.30	29.40	9.73	38.50	34.93	302	169	Average	VERTICAL
3	15910.56	47.81	54.00	-6.19	32.76	11.32	38.67	34.94	286	228	Average	VERTICAL
4	15920.88	60.62	74.00	-13.38	45.53	11.33	38.74	34.98	286	228	Peak	VERTICAL

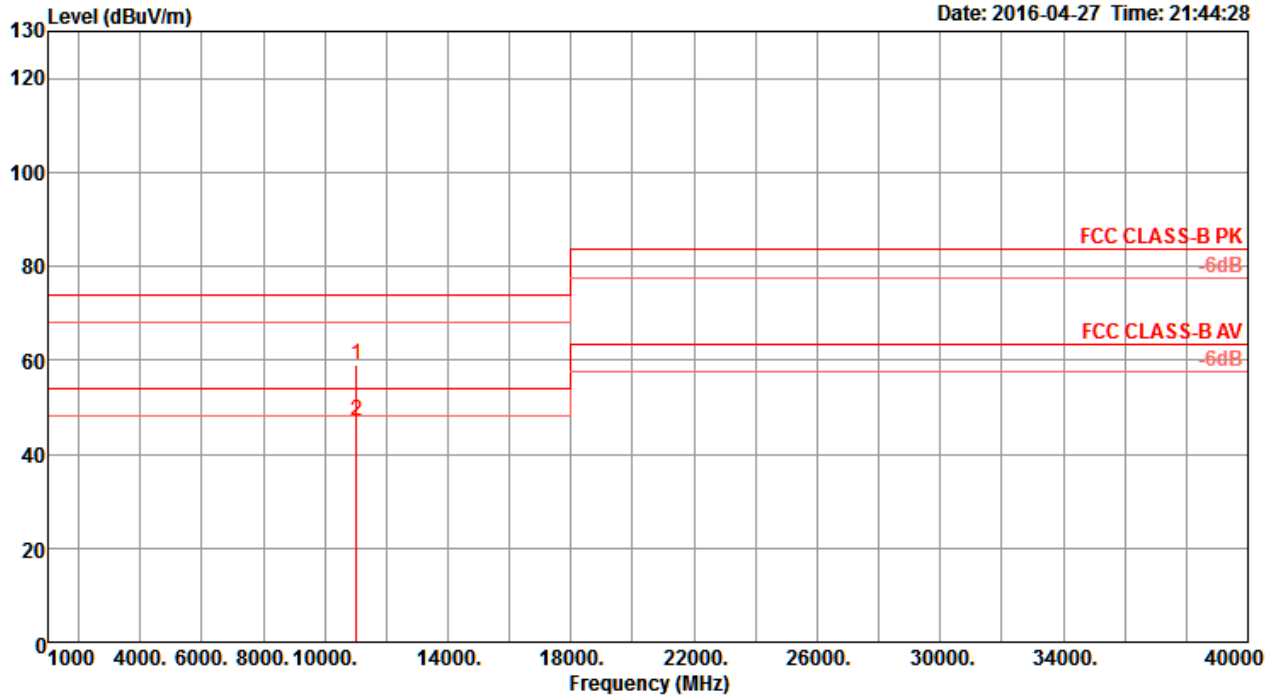
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11007.04	55.95	74.00	-18.05	42.43	9.68	38.50	34.66	71	304	Peak	HORIZONTAL
2	11028.64	43.95	54.00	-10.05	30.43	9.68	38.50	34.66	71	304	Average	HORIZONTAL

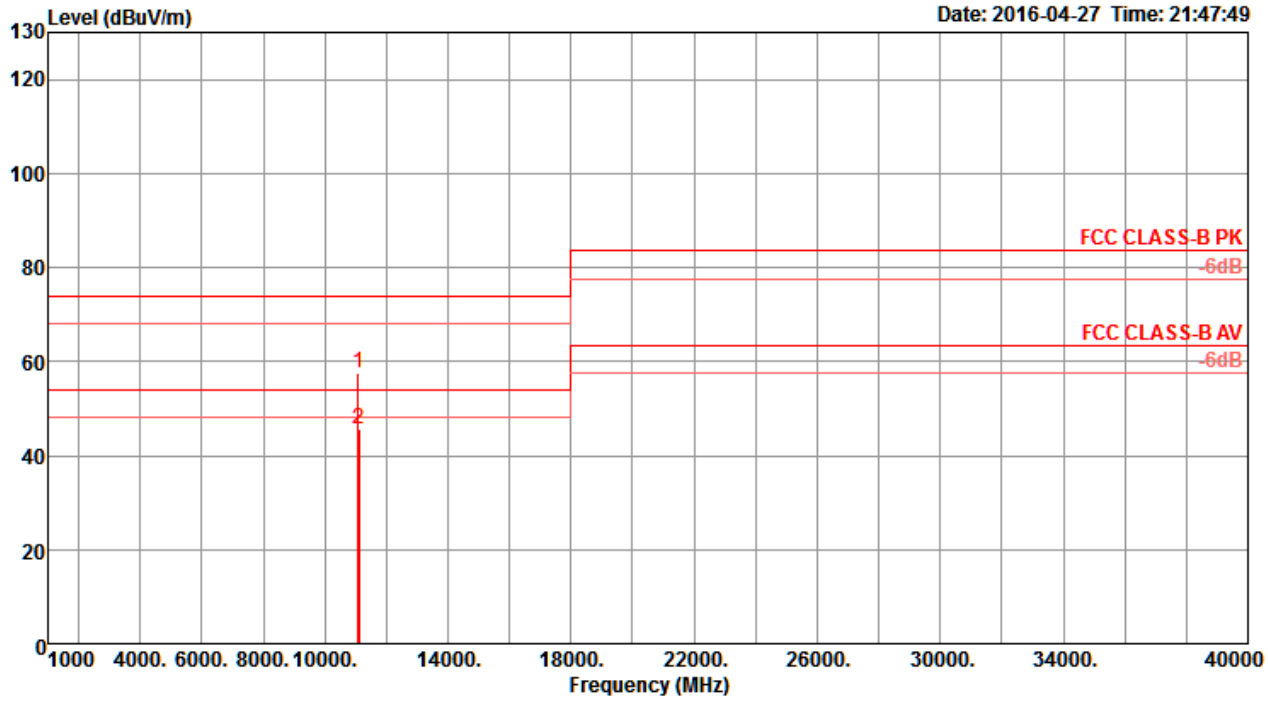
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11027.92	59.21	74.00	-14.79	45.69	9.68	38.50	34.66	289	215	Peak	VERTICAL
2	11028.96	46.96	54.00	-7.04	33.44	9.68	38.50	34.66	289	215	Average	VERTICAL

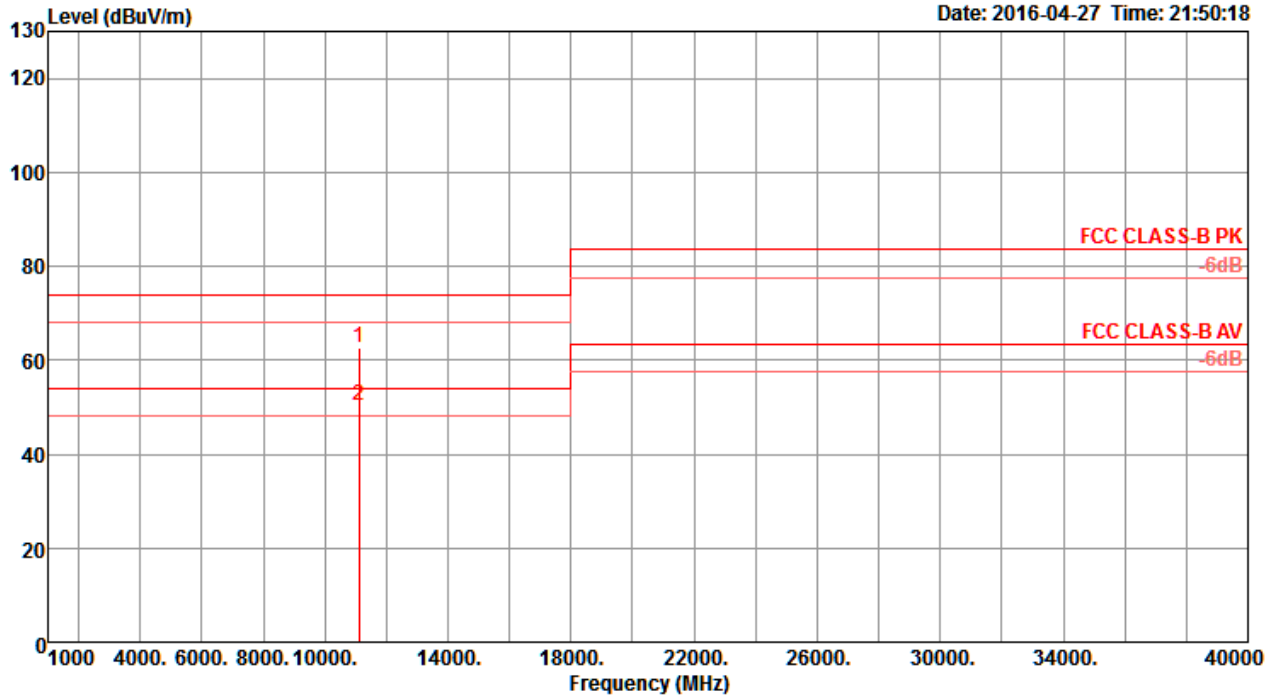
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11089.04	57.66	74.00	-16.34	44.14	9.67	38.50	34.65	72	265	Peak	HORIZONTAL
2	11108.88	45.74	54.00	-8.26	32.22	9.67	38.50	34.65	72	265	Average	HORIZONTAL

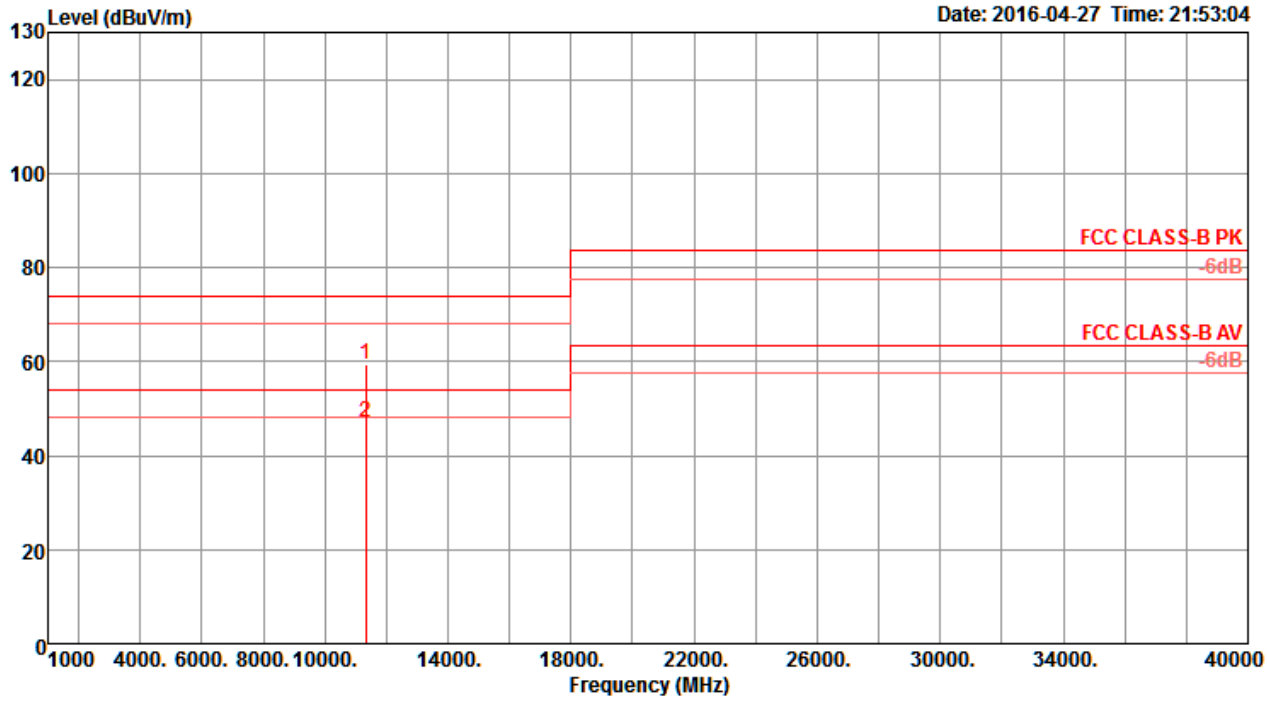
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11108.96	62.69	74.00	-11.31	49.17	9.67	38.50	34.65	290	211	Peak	VERTICAL
2	11109.36	50.22	54.00	-3.78	36.70	9.67	38.50	34.65	290	211	Average	VERTICAL

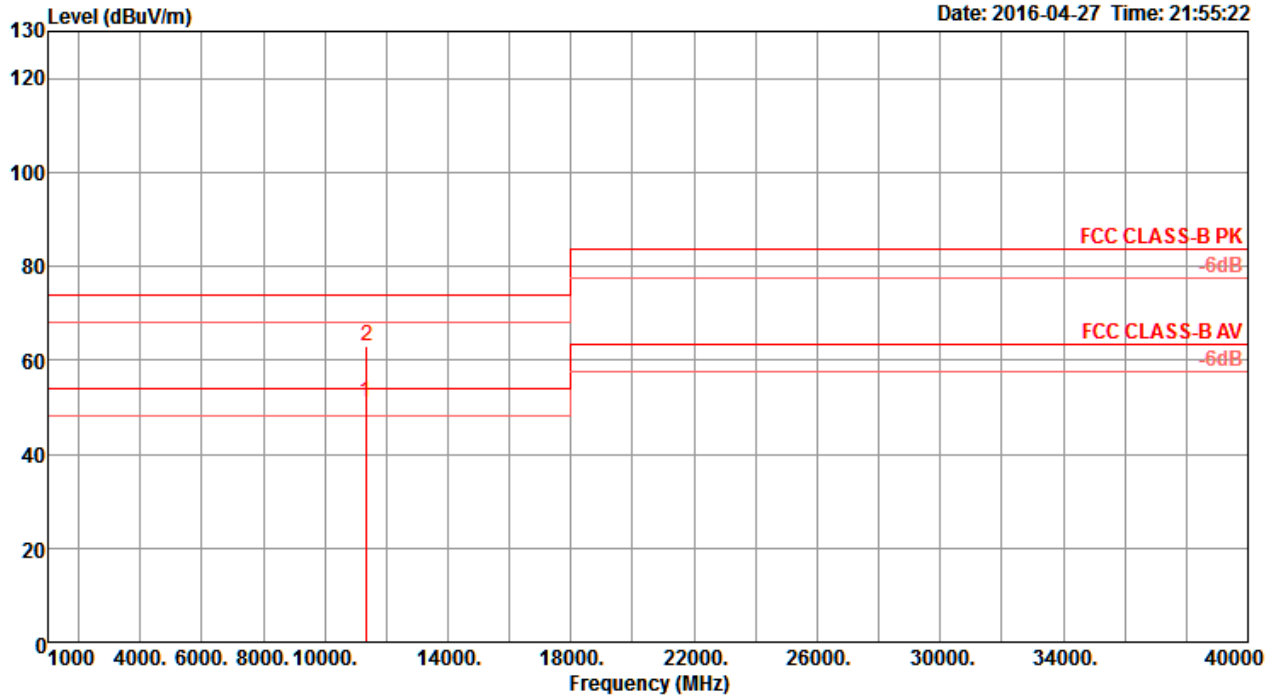
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11331.44	59.37	74.00	-14.63	45.86	9.64	38.50	34.63	73	210	Peak	HORIZONTAL
2	11331.52	47.04	54.00	-6.96	33.53	9.64	38.50	34.63	73	210	Average	HORIZONTAL

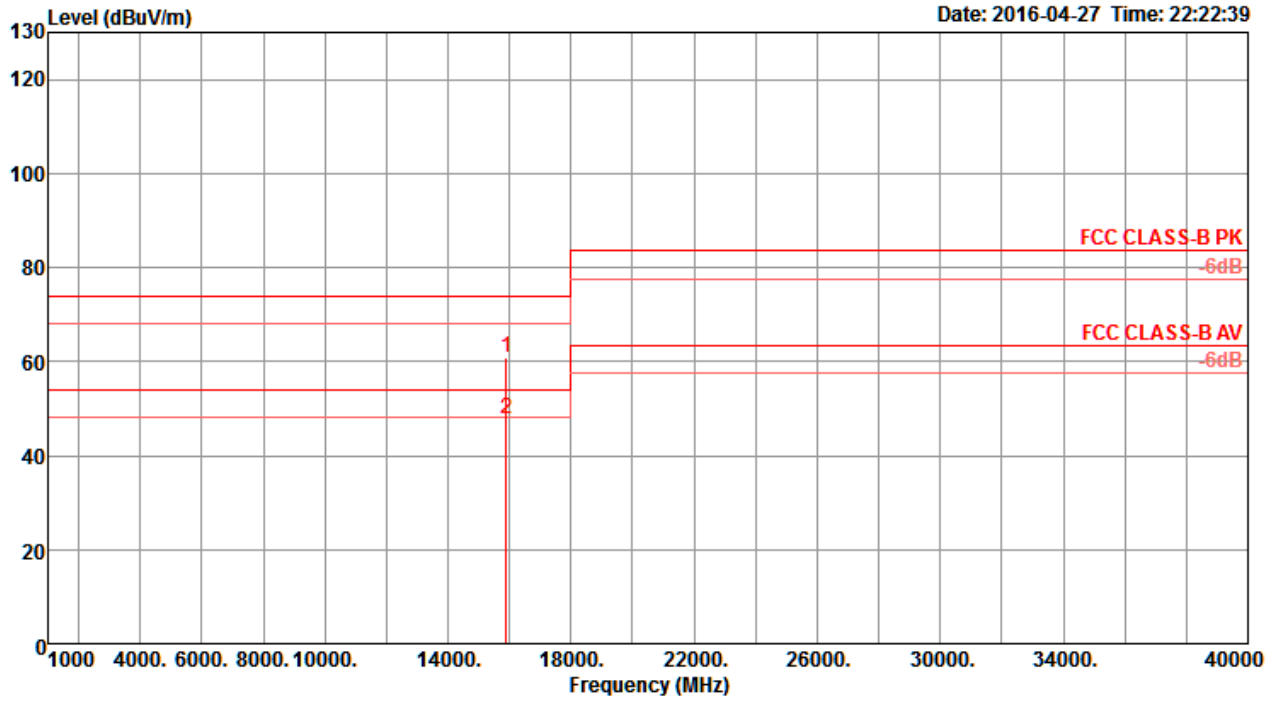
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11331.20	51.19	54.00	-2.81	37.68	9.64	38.50	34.63	225	200	Average	VERTICAL
2	11350.96	62.91	74.00	-11.09	49.40	9.64	38.50	34.63	225	200	Peak	VERTICAL

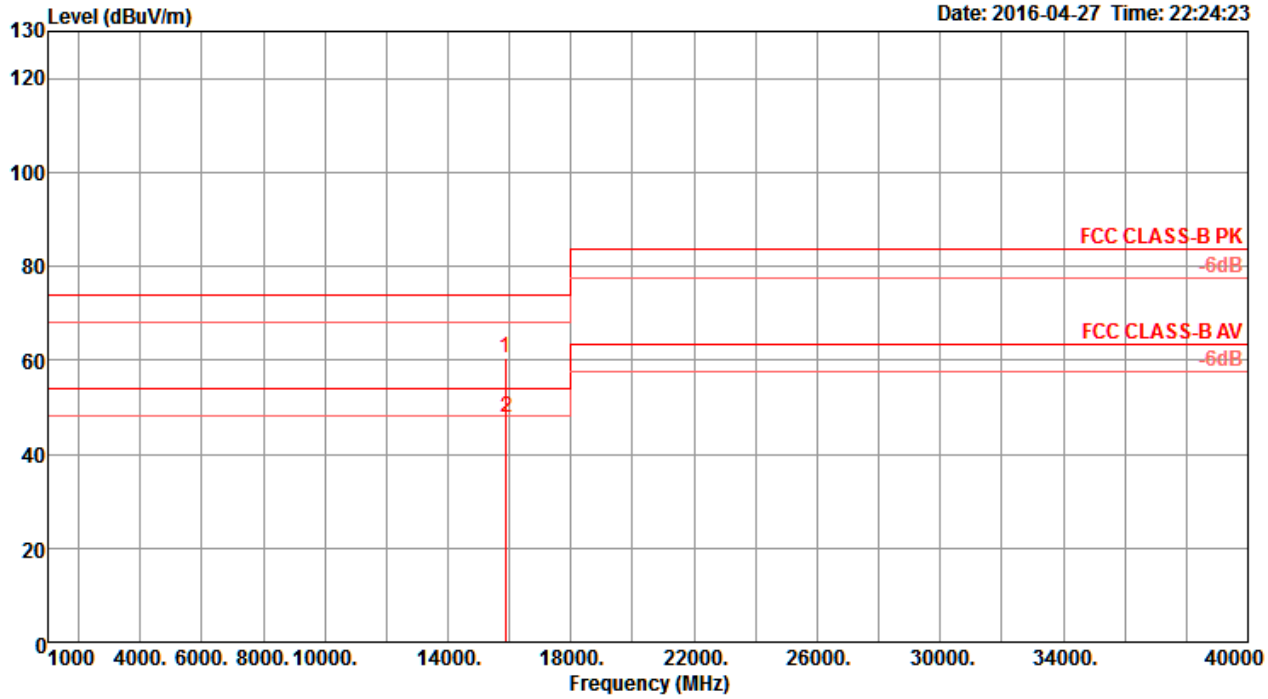
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15888.96	60.93	74.00	-13.07	45.88	11.32	38.67	34.94	263	244	Peak	HORIZONTAL
2	15889.20	47.91	54.00	-6.09	32.86	11.32	38.67	34.94	263	244	Average	HORIZONTAL

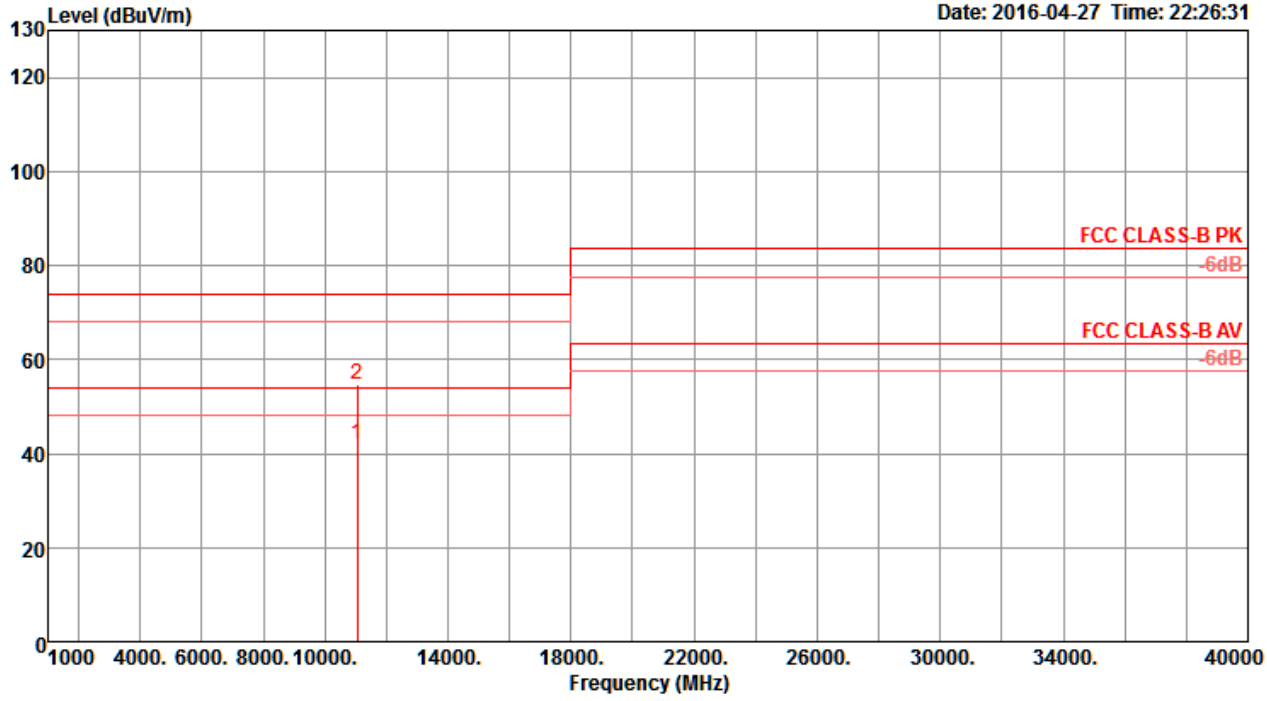
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15880.80	60.39	74.00	-13.61	45.34	11.32	38.67	34.94	4	255	Peak	VERTICAL
2	15886.64	47.77	54.00	-6.23	32.72	11.32	38.67	34.94	4	255	Average	VERTICAL

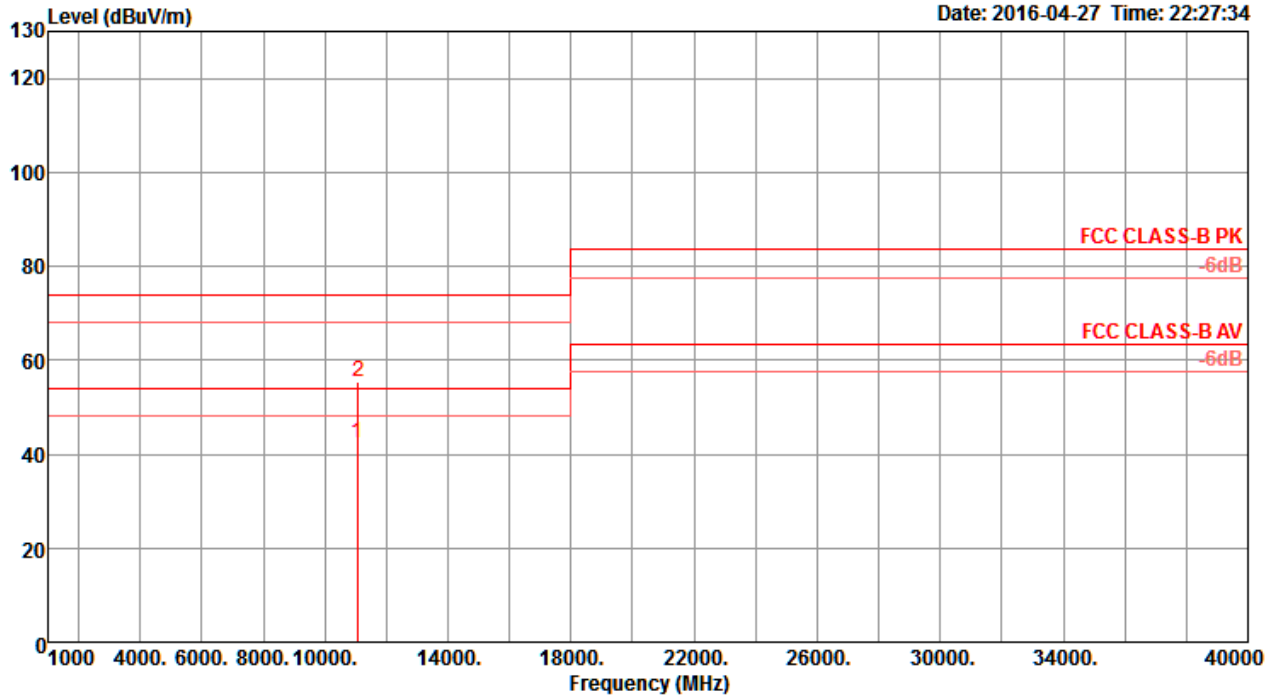
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11042.64	41.97	54.00	-12.03	28.45	9.68	38.50	34.66	338	246	Average	HORIZONTAL
2	11050.88	54.72	74.00	-19.28	41.20	9.68	38.50	34.66	338	246	Peak	HORIZONTAL

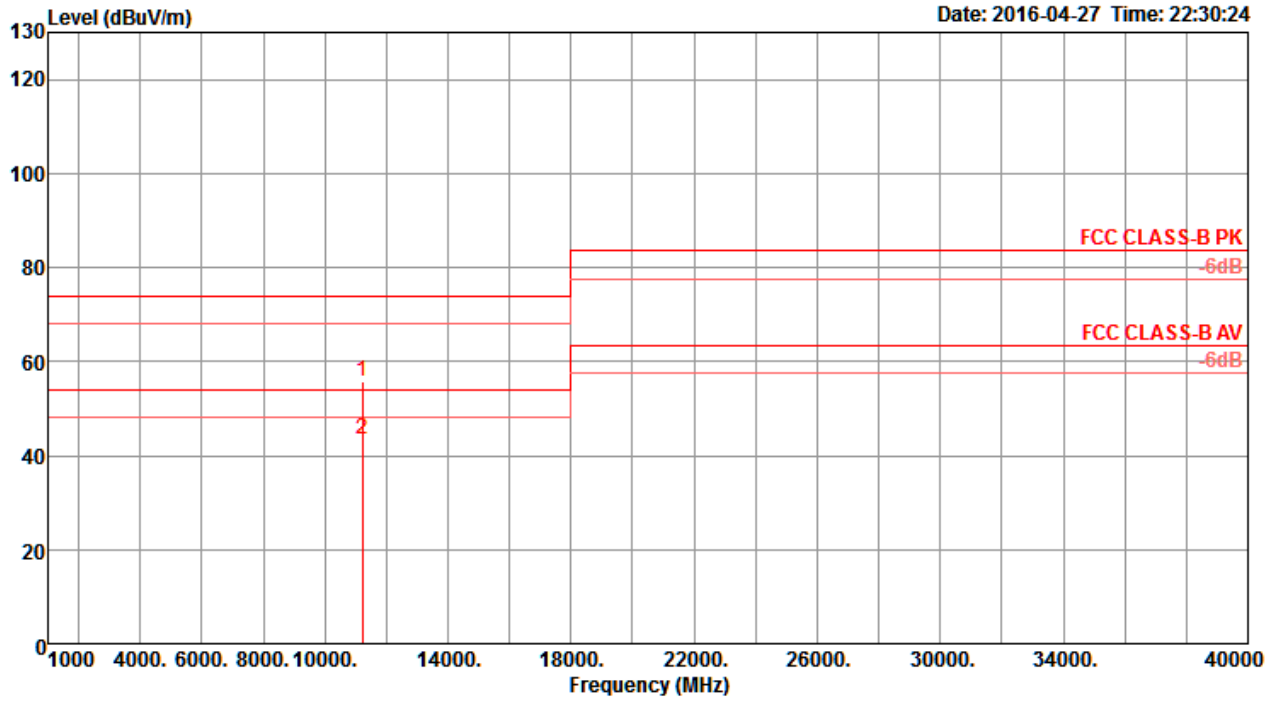
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11053.44	42.41	54.00	-11.59	28.89	9.68	38.50	34.66	192	155	Average	VERTICAL
2	11079.92	55.40	74.00	-18.60	41.88	9.67	38.50	34.65	192	155	Peak	VERTICAL

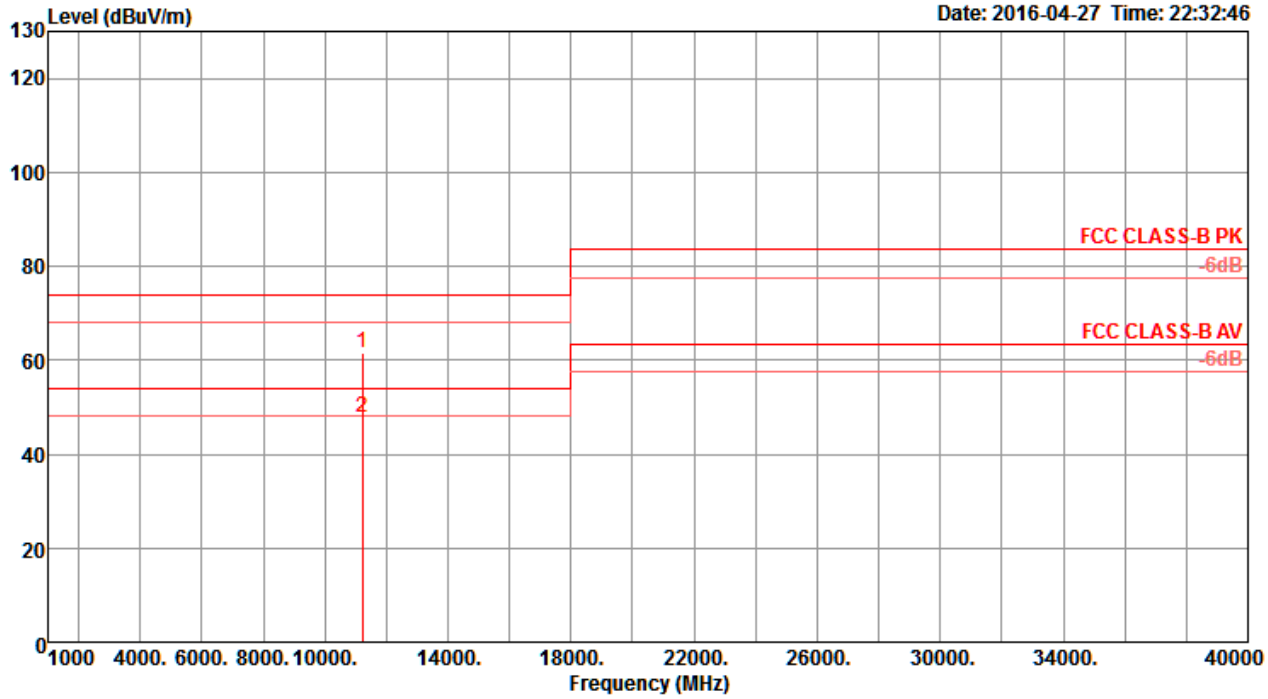
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11229.36	55.76	74.00	-18.24	42.25	9.65	38.50	34.64	76	234	Peak	HORIZONTAL
2	11230.40	43.56	54.00	-10.44	30.05	9.65	38.50	34.64	76	234	Average	HORIZONTAL

Vertical

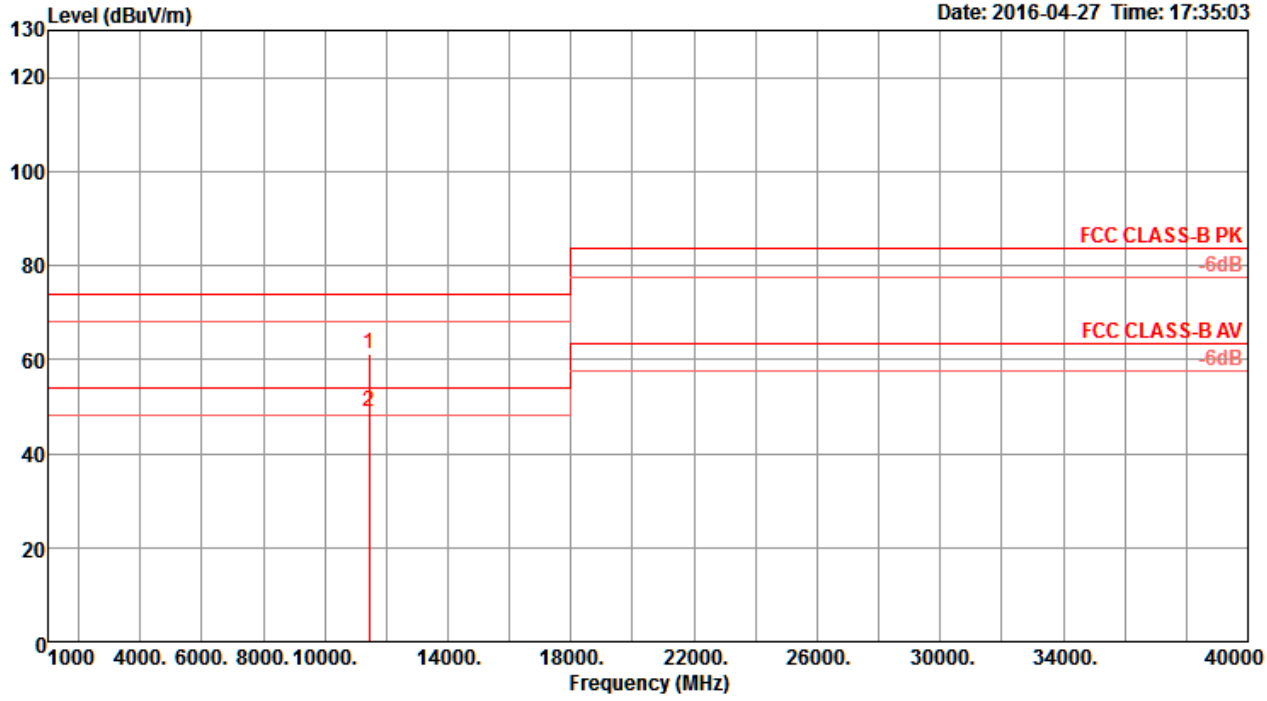


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11207.92	61.58	74.00	-12.42	48.06	9.66	38.50	34.64	226	214	Peak	VERTICAL
2	11226.72	47.98	54.00	-6.02	34.47	9.65	38.50	34.64	226	214	Average	VERTICAL

Straddle Channel

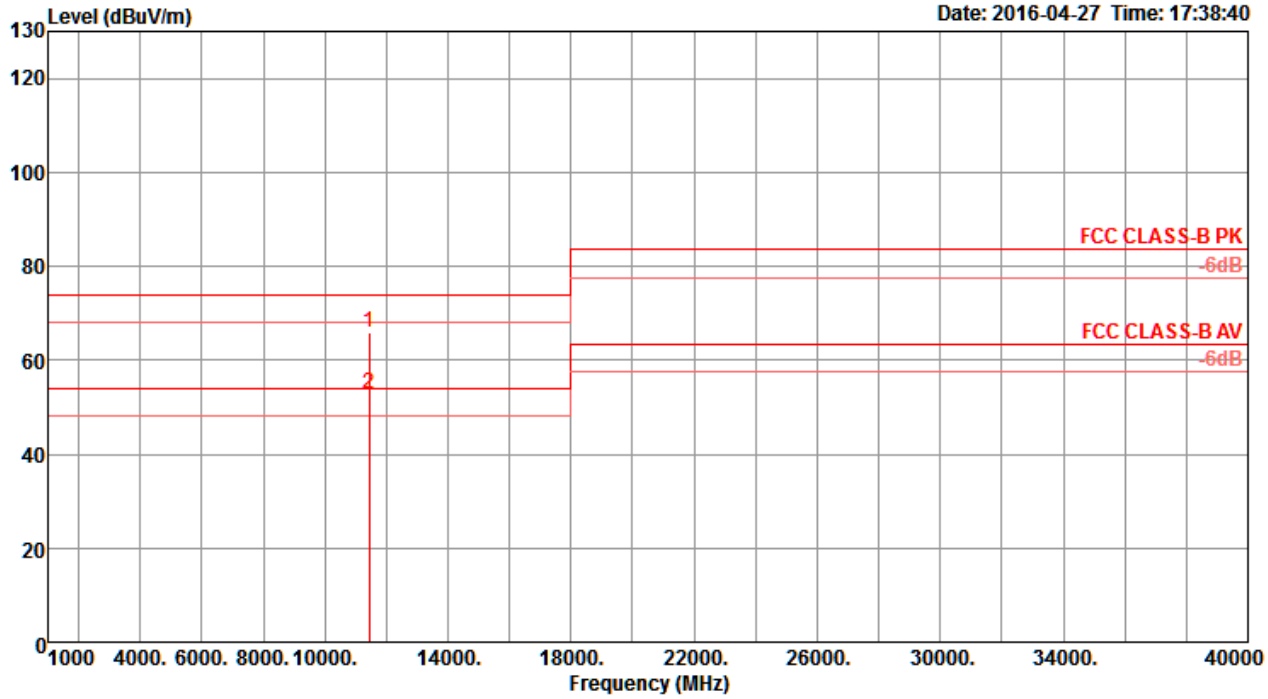
Temperature	22℃	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11a CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11431.90	61.26	74.00	-12.74	47.76	9.63	38.50	34.63	68	212	Peak	HORIZONTAL
2	11432.40	48.74	54.00	-5.26	35.24	9.63	38.50	34.63	68	212	Average	HORIZONTAL

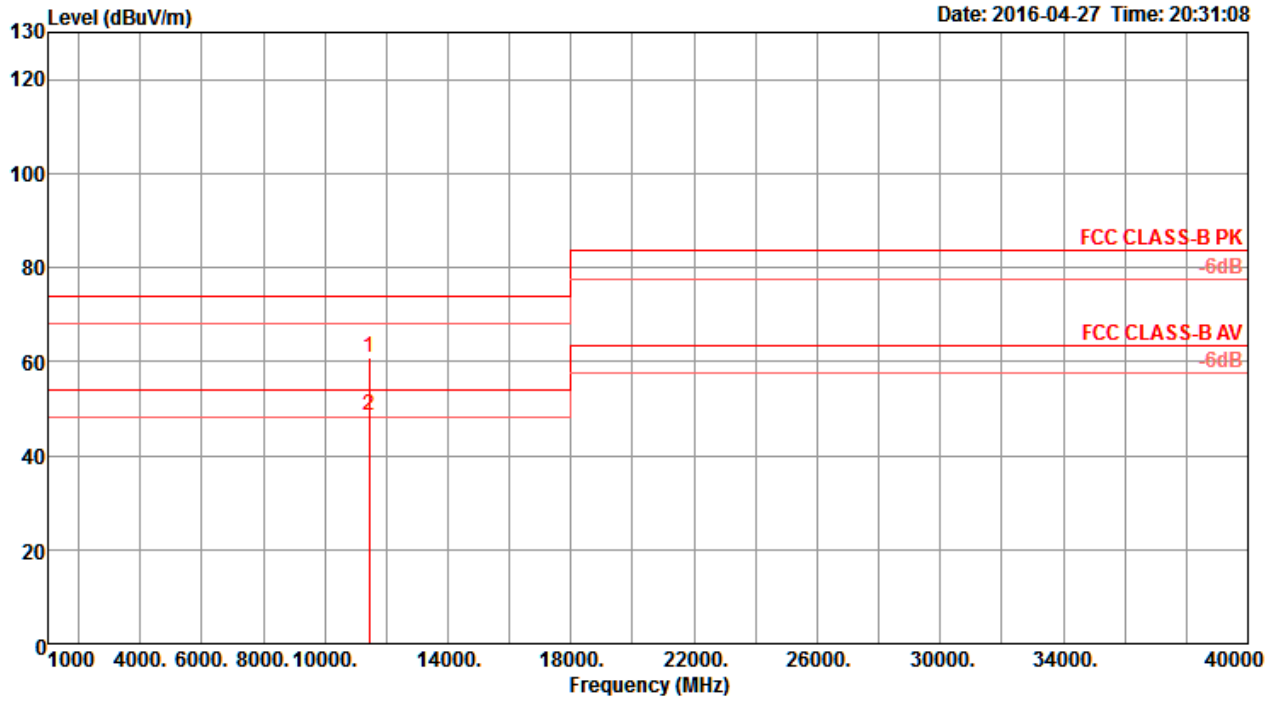
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11431.70	66.04	74.00	-7.96	52.54	9.63	38.50	34.63	30	210	Peak	VERTICAL
2	11432.10	52.93	54.00	-1.07	39.43	9.63	38.50	34.63	30	210	Average	VERTICAL

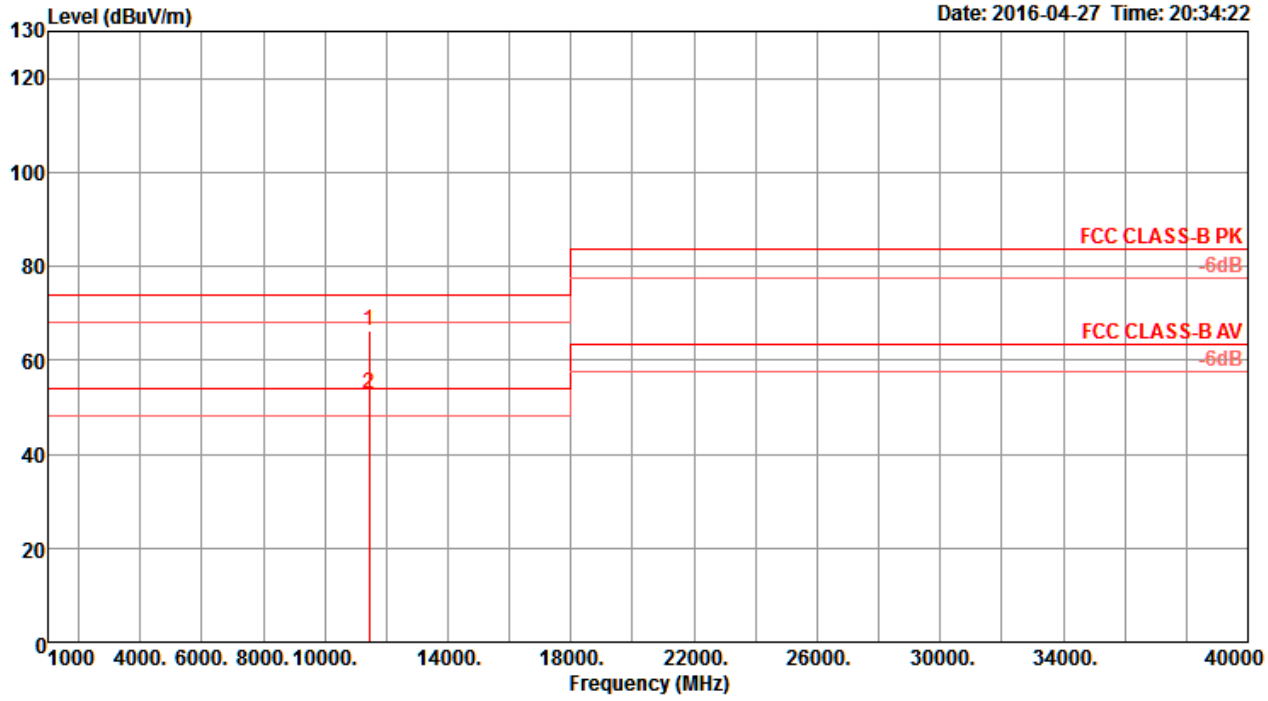
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11432.20	60.73	74.00	-13.27	47.23	9.63	38.50	34.63	68	199	Peak	HORIZONTAL
2	11432.60	48.64	54.00	-5.36	35.14	9.63	38.50	34.63	68	199	Average	HORIZONTAL

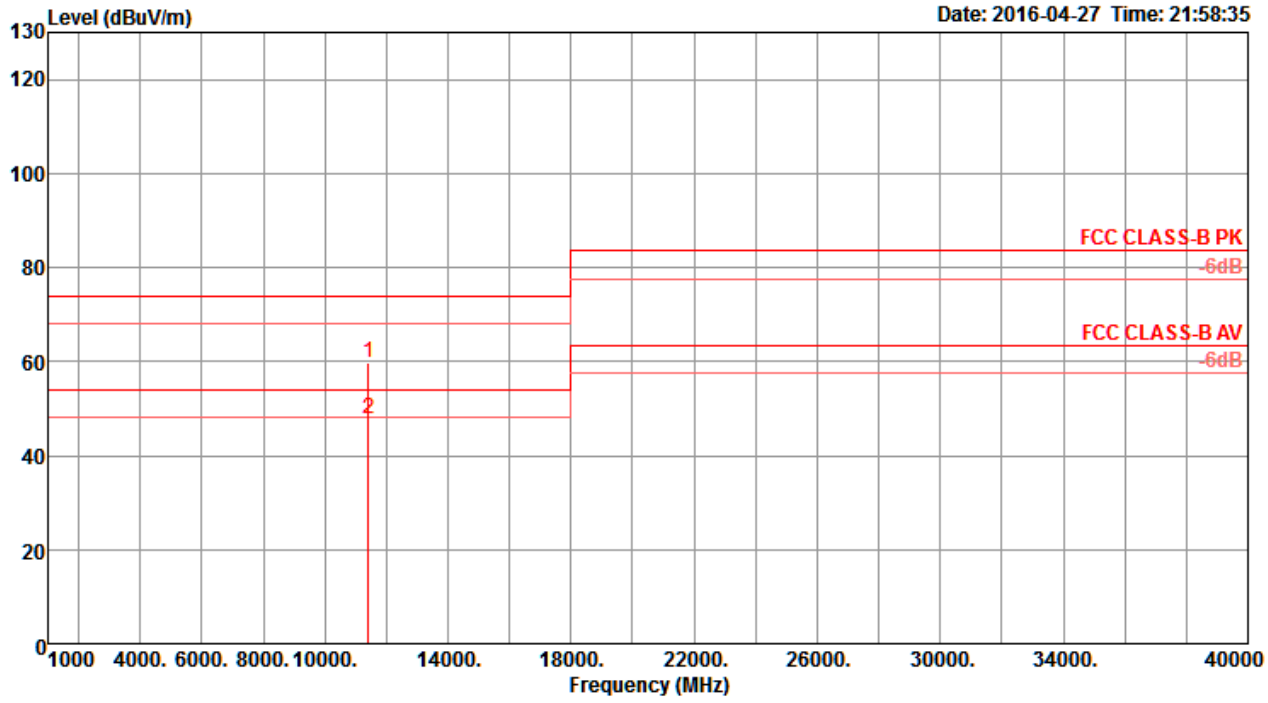
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11432.10	66.09	74.00	-7.91	52.59	9.63	38.50	34.63	30	213	Peak	VERTICAL
2	11432.60	53.01	54.00	-0.99	39.51	9.63	38.50	34.63	30	213	Average	VERTICAL

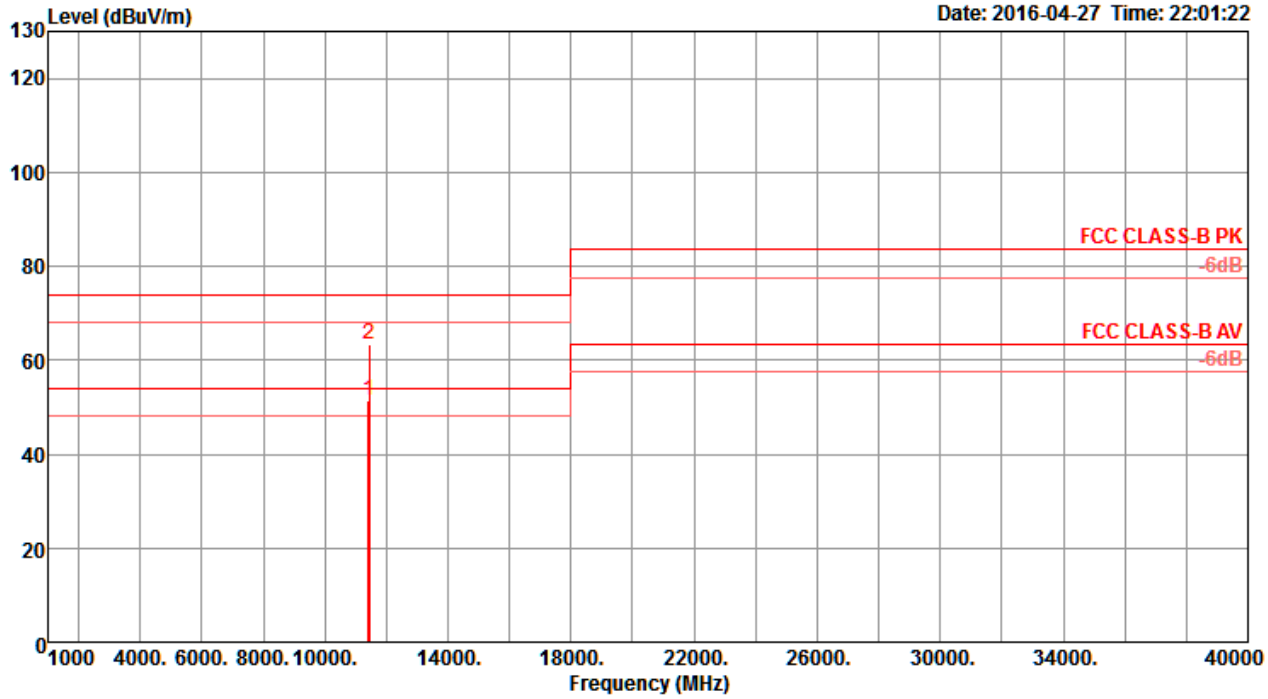
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11411.68	59.92	74.00	-14.08	46.42	9.63	38.50	34.63	75	198	Peak	HORIZONTAL
2	11412.64	47.98	54.00	-6.02	34.48	9.63	38.50	34.63	75	198	Average	HORIZONTAL

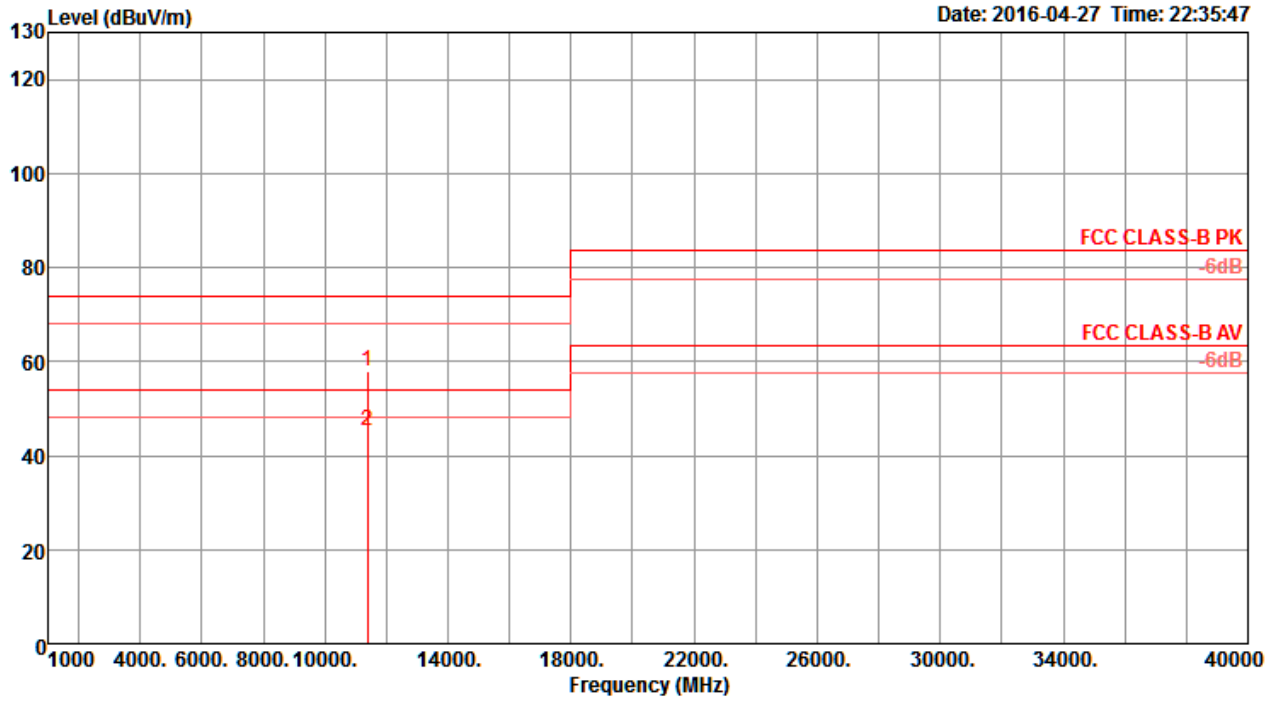
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11410.24	51.38	54.00	-2.62	37.88	9.63	38.50	34.63	260	209	Average	VERTICAL
2	11428.56	63.43	74.00	-10.57	49.93	9.63	38.50	34.63	260	209	Peak	VERTICAL

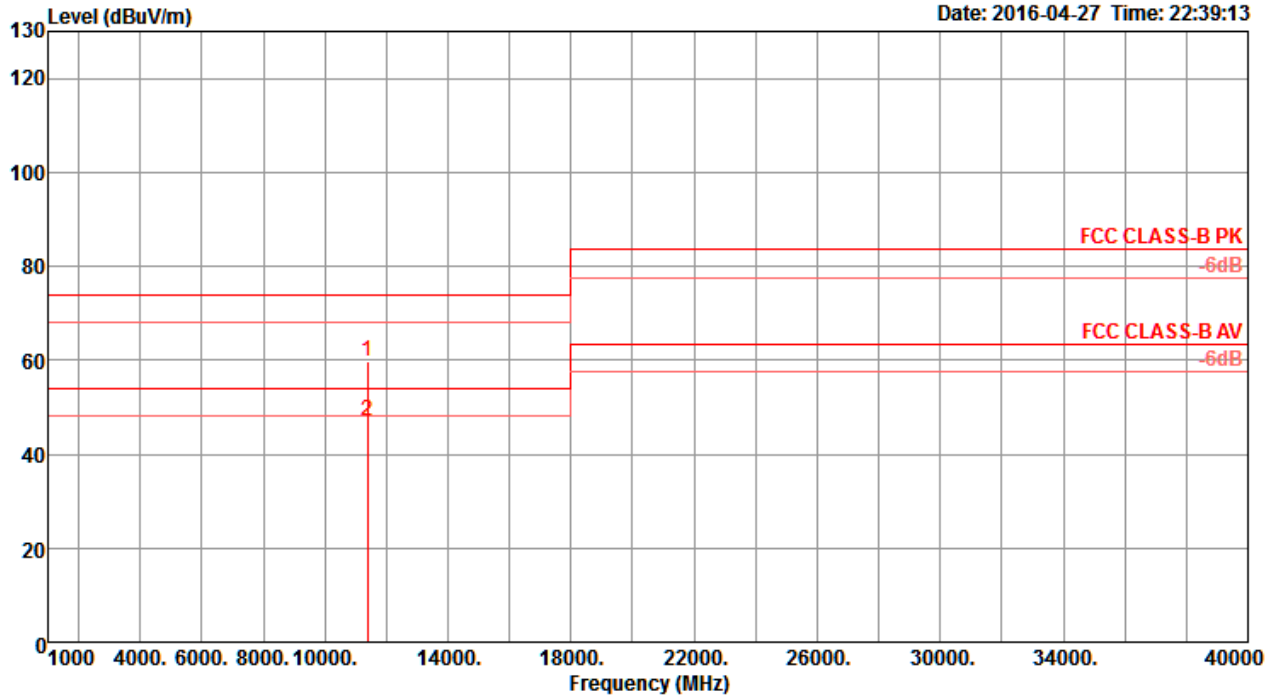
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11372.40	58.09	74.00	-15.91	44.59	9.63	38.50	34.63	73	251	Peak	HORIZONTAL
2	11391.20	45.43	54.00	-8.57	31.93	9.63	38.50	34.63	73	251	Average	HORIZONTAL

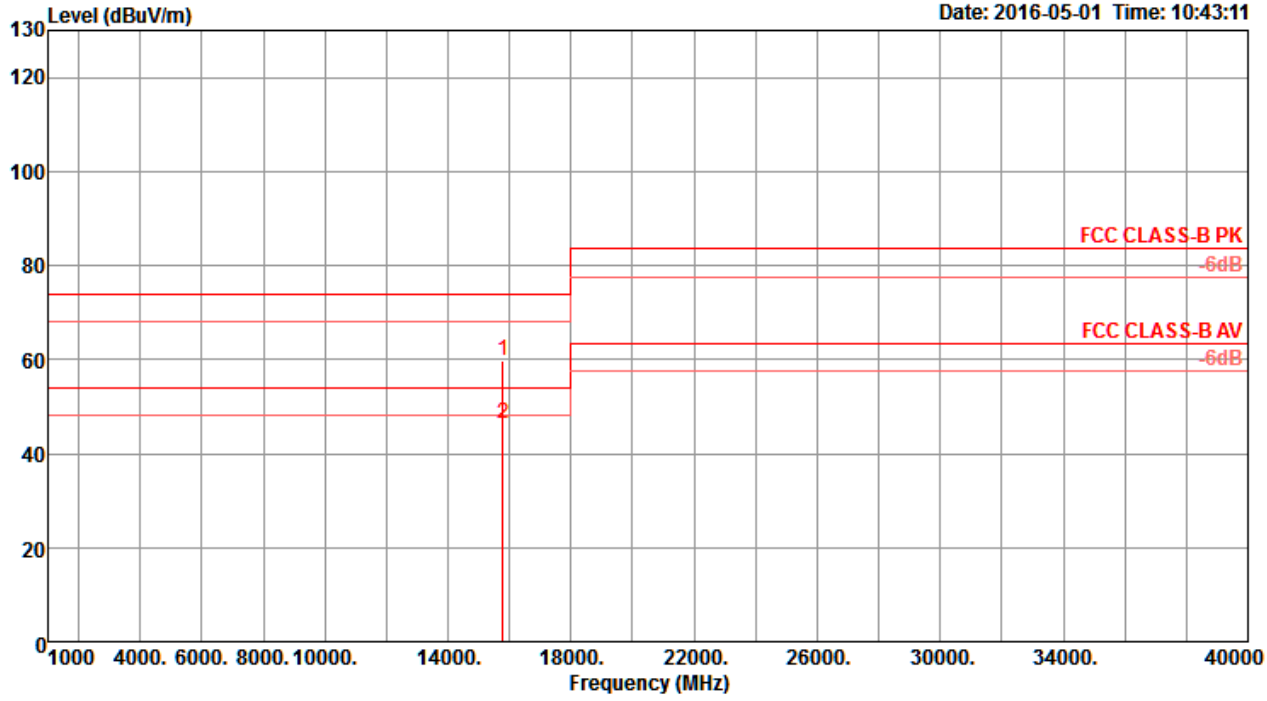
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11387.68	59.71	74.00	-14.29	46.21	9.63	38.50	34.63	261	193	Peak	VERTICAL
2	11390.72	47.21	54.00	-6.79	33.71	9.63	38.50	34.63	261	193	Average	VERTICAL

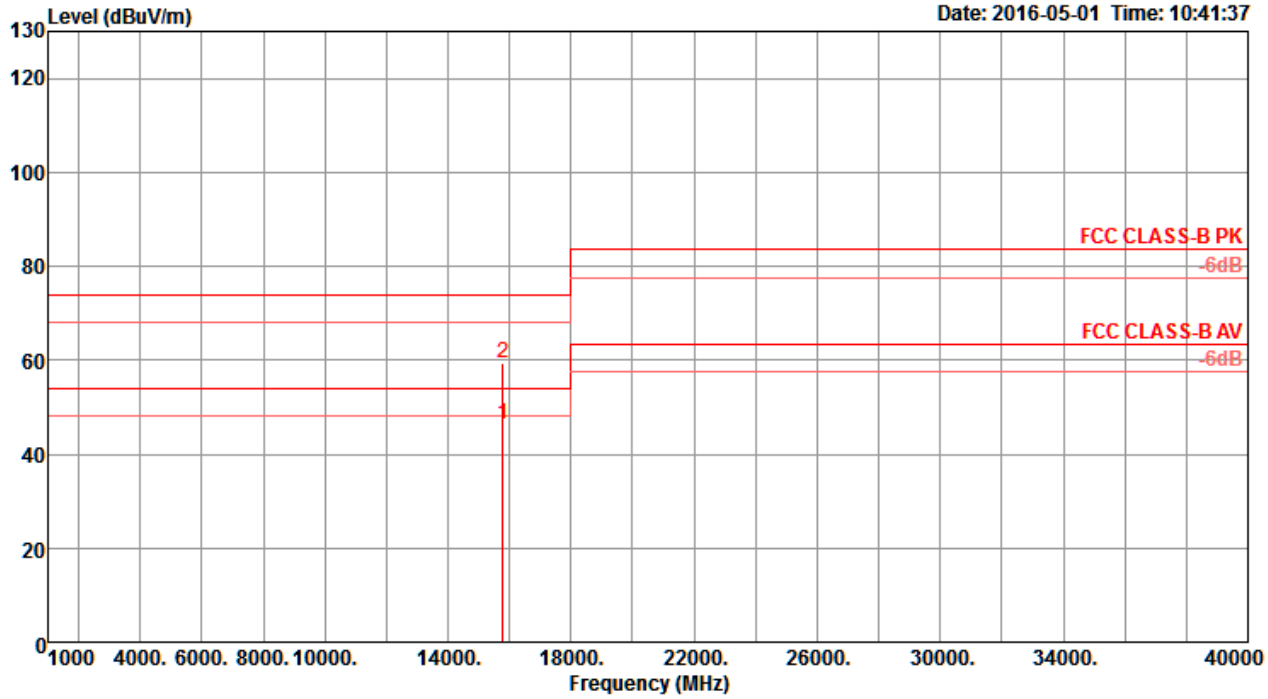
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 52 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15778.46	59.81	74.00	-14.19	44.89	11.29	38.48	34.85	141	178	Peak	HORIZONTAL
2	15782.10	46.26	54.00	-7.74	31.26	11.30	38.55	34.85	141	178	Average	HORIZONTAL

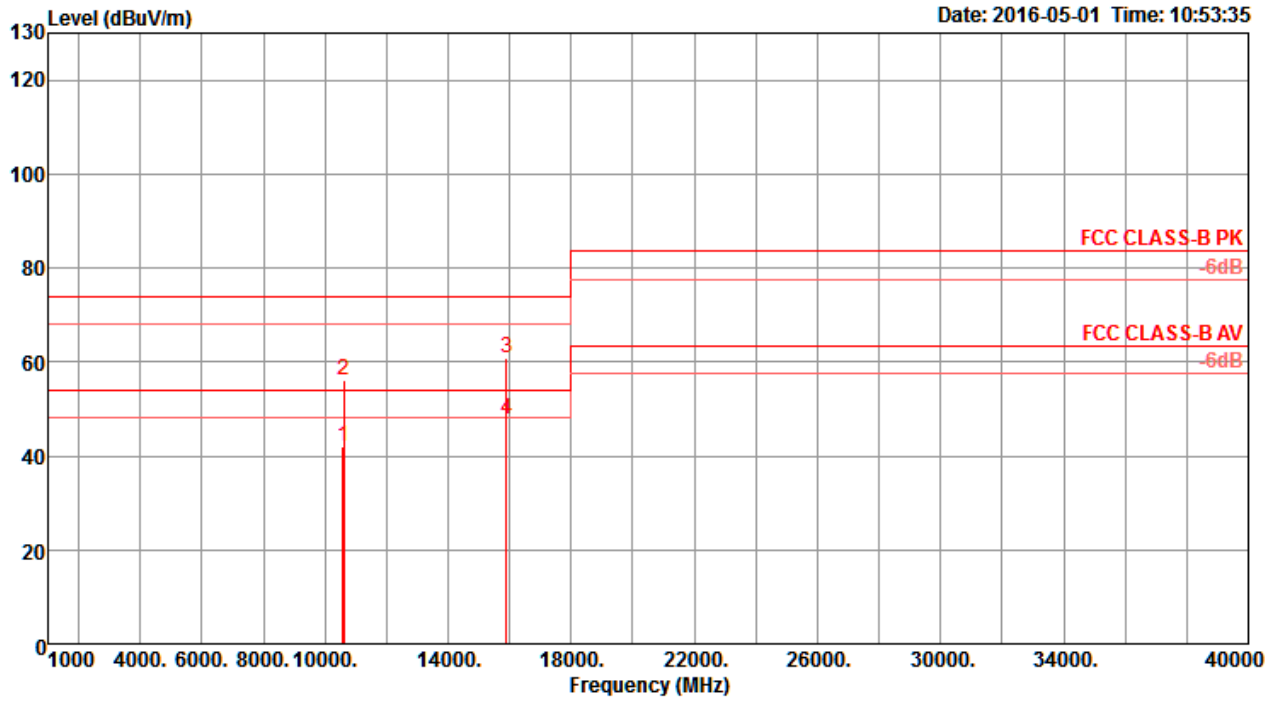
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15778.34	46.39	54.00	-7.61	31.47	11.29	38.48	34.85	149	181	Average	VERTICAL
2	15782.36	59.44	74.00	-14.56	44.44	11.30	38.55	34.85	149	181	Peak	VERTICAL

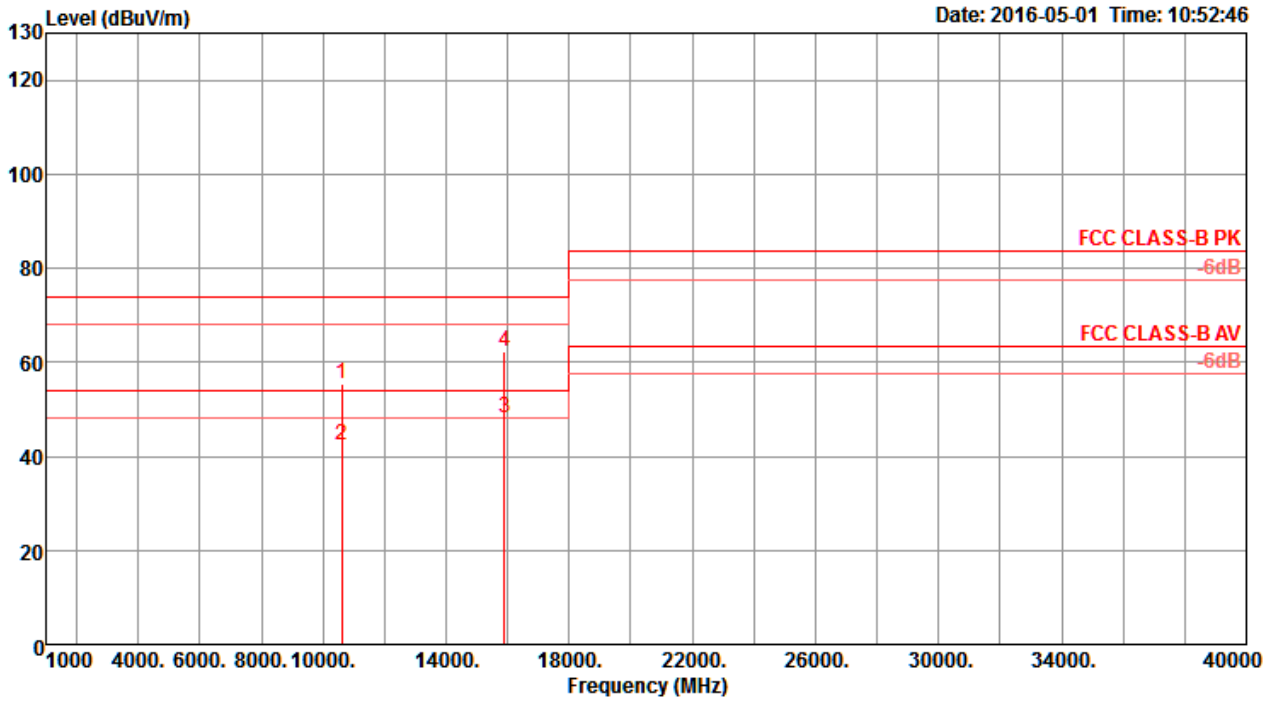
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 60 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10597.77	41.98	54.00	-12.02	28.69	9.74	38.50	34.95	25	177	Average	HORIZONTAL
2	10601.68	56.09	74.00	-17.91	42.80	9.74	38.50	34.95	25	177	Peak	HORIZONTAL
3	15898.15	60.78	74.00	-13.22	45.73	11.32	38.67	34.94	70	173	Peak	HORIZONTAL
4	15899.05	47.91	54.00	-6.09	32.86	11.32	38.67	34.94	70	173	Average	HORIZONTAL

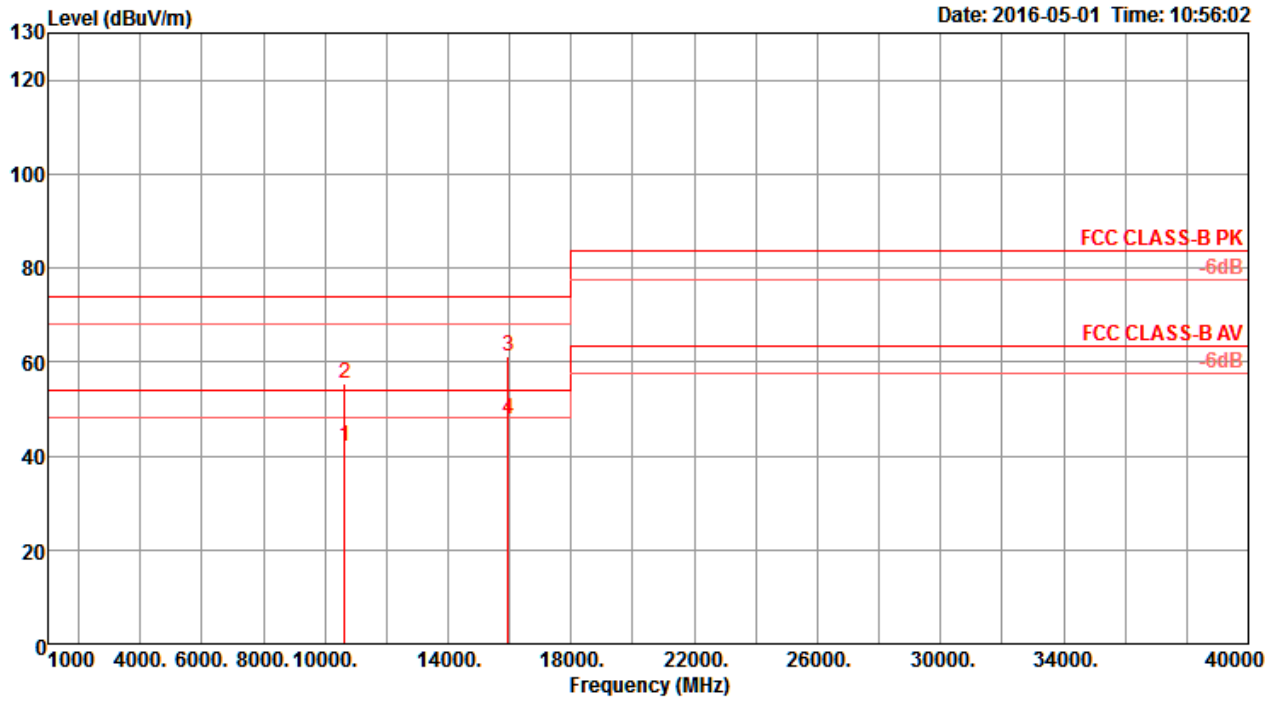
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10599.28	55.39	74.00	-18.61	42.10	9.74	38.50	34.95	93	171	Peak	VERTICAL
2	10600.86	42.21	54.00	-11.79	28.92	9.74	38.50	34.95	93	171	Average	VERTICAL
3	15897.89	48.03	54.00	-5.97	32.98	11.32	38.67	34.94	82	168	Average	VERTICAL
4	15901.99	62.26	74.00	-11.74	47.21	11.32	38.67	34.94	82	168	Peak	VERTICAL

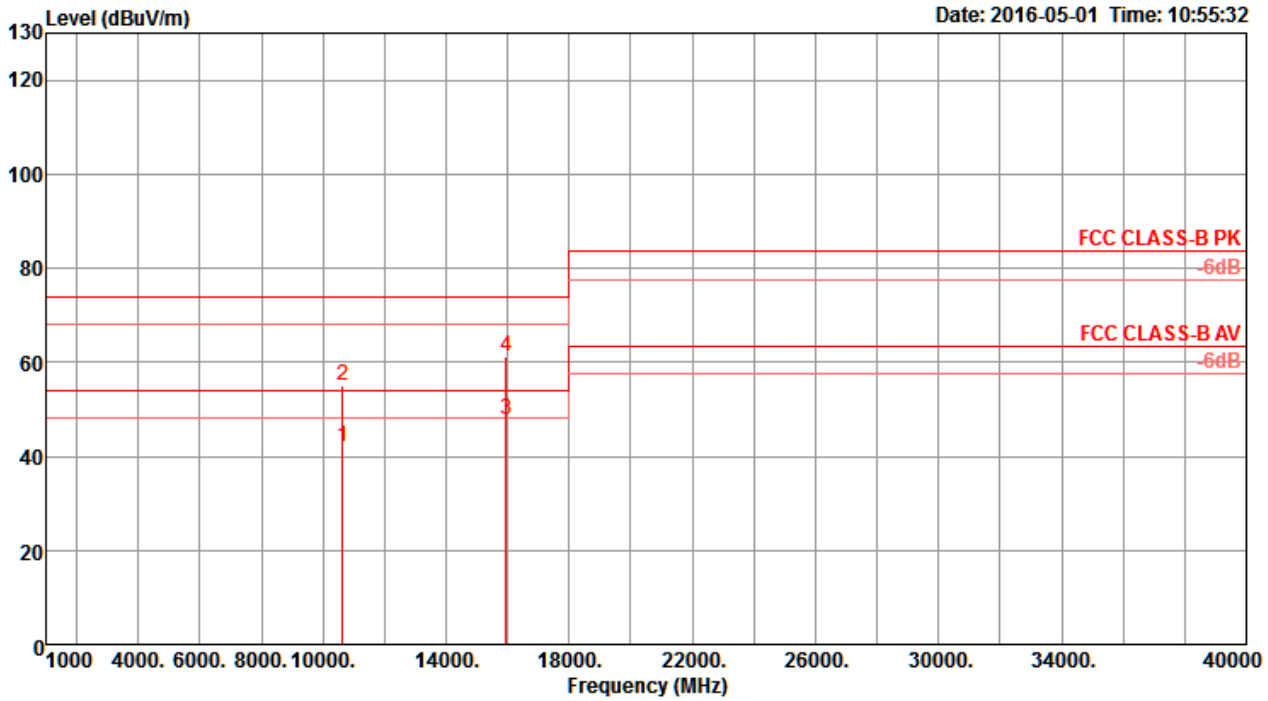
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 64 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.68	42.02	54.00	-11.98	28.72	9.73	38.50	34.93	31	175	Average	HORIZONTAL
2	10639.70	55.24	74.00	-18.76	41.91	9.73	38.50	34.90	31	175	Peak	HORIZONTAL
3	15957.81	61.31	74.00	-12.69	46.22	11.33	38.74	34.98	25	177	Peak	HORIZONTAL
4	15961.09	47.78	54.00	-6.22	32.69	11.33	38.74	34.98	25	177	Average	HORIZONTAL

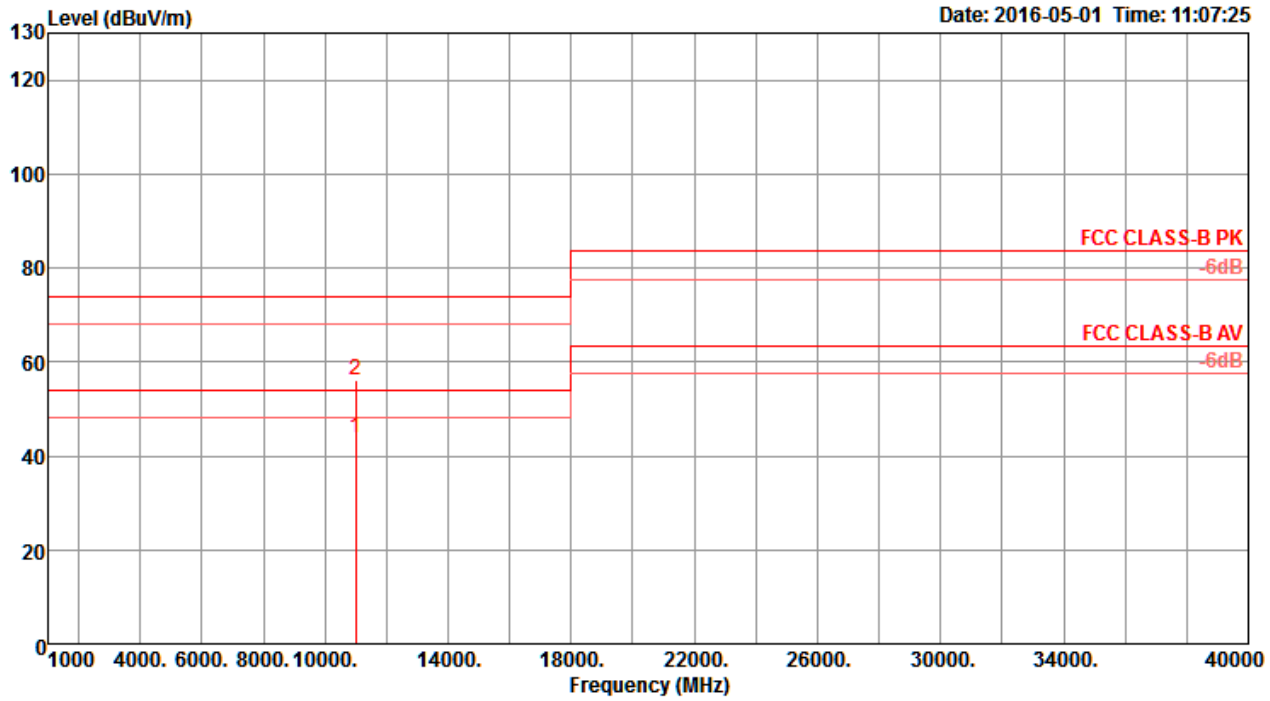
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10637.79	42.12	54.00	-11.88	28.82	9.73	38.50	34.93	37	159	Average	VERTICAL
2	10638.87	55.18	74.00	-18.82	41.85	9.73	38.50	34.90	37	159	Peak	VERTICAL
3	15960.68	47.98	54.00	-6.02	32.89	11.33	38.74	34.98	53	182	Average	VERTICAL
4	15961.09	61.08	74.00	-12.92	45.99	11.33	38.74	34.98	53	182	Peak	VERTICAL

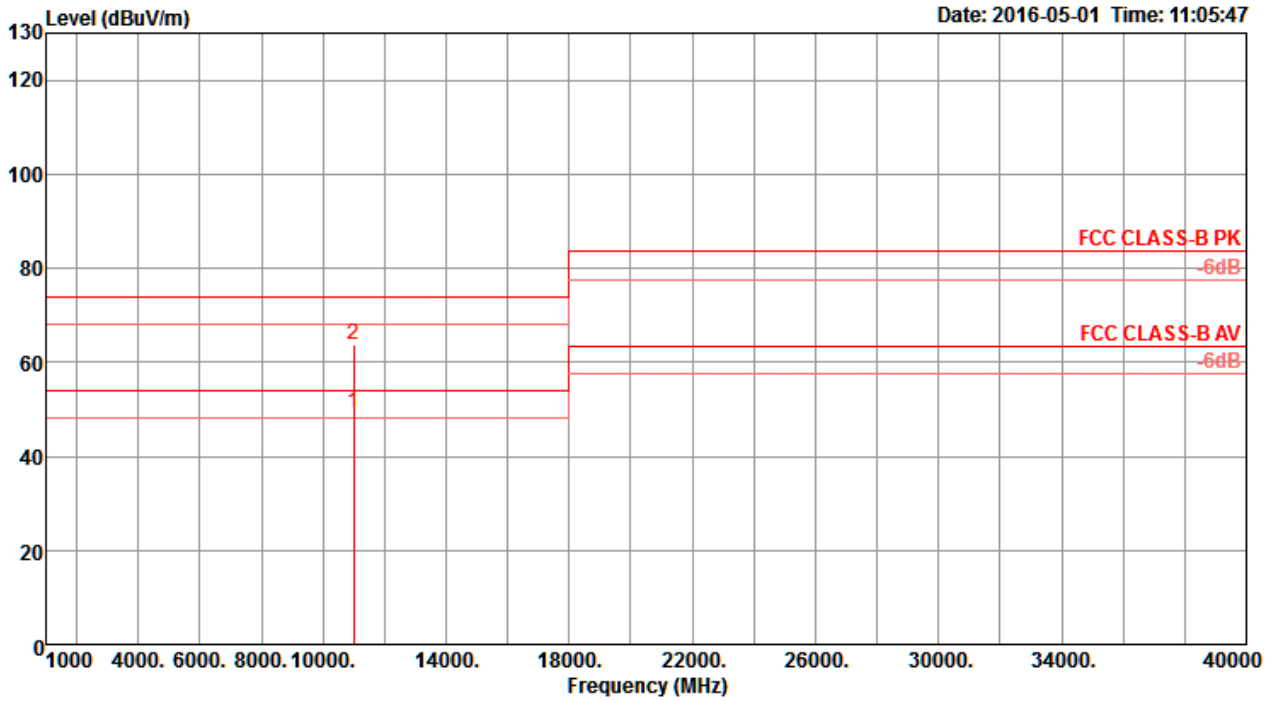
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 100 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10997.52	43.75	54.00	-10.25	30.23	9.68	38.50	34.66	110	198	Average	HORIZONTAL
2	10998.17	55.97	74.00	-18.03	42.45	9.68	38.50	34.66	110	198	Peak	HORIZONTAL

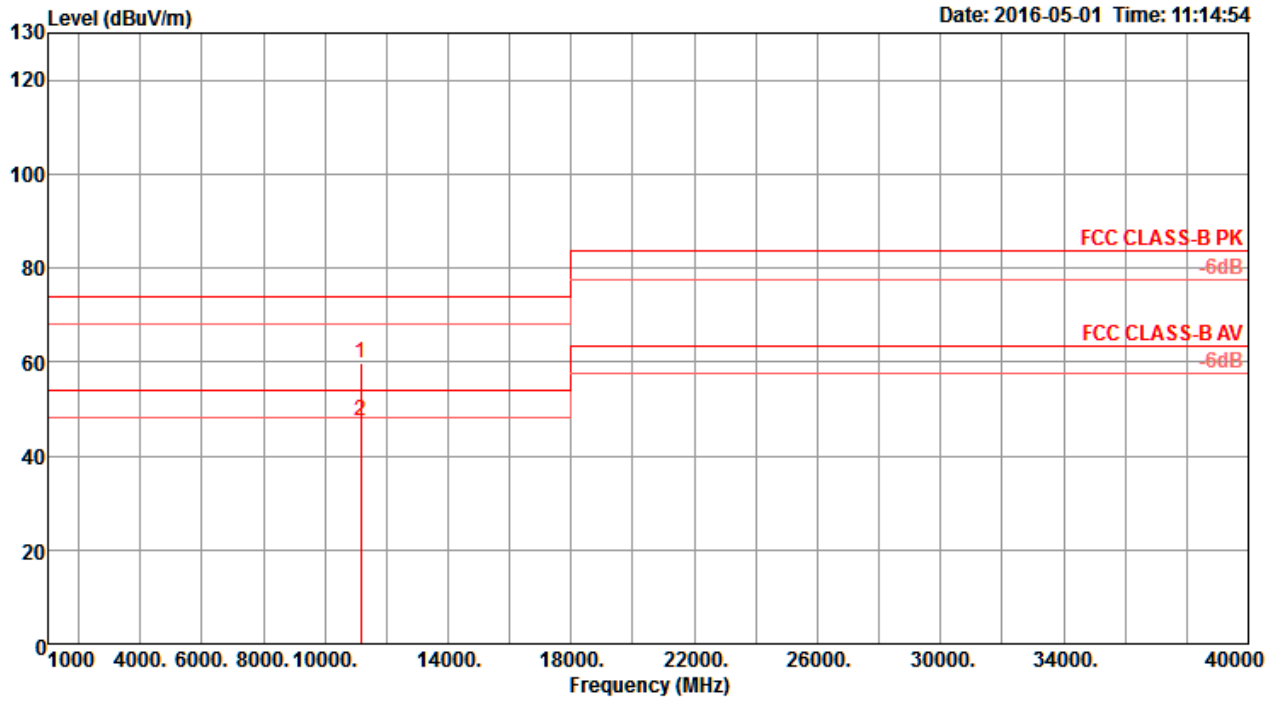
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10998.85	49.25	54.00	-4.75	35.73	9.68	38.50	34.66	334	203	Average	VERTICAL
2	11000.67	63.59	74.00	-10.41	50.07	9.68	38.50	34.66	334	203	Peak	VERTICAL

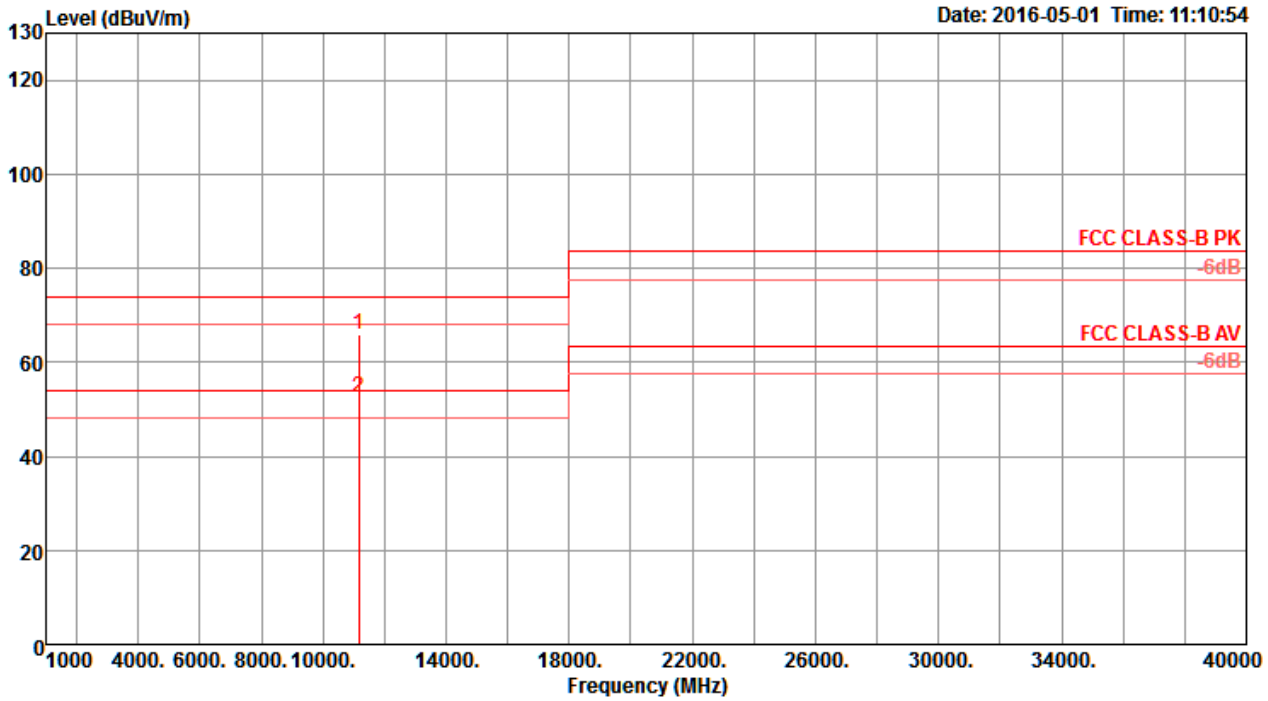
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 116 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11155.48	59.77	74.00	-14.23	46.26	9.66	38.50	34.65	129	202	Peak	HORIZONTAL
2	11156.44	47.42	54.00	-6.58	33.91	9.66	38.50	34.65	129	202	Average	HORIZONTAL

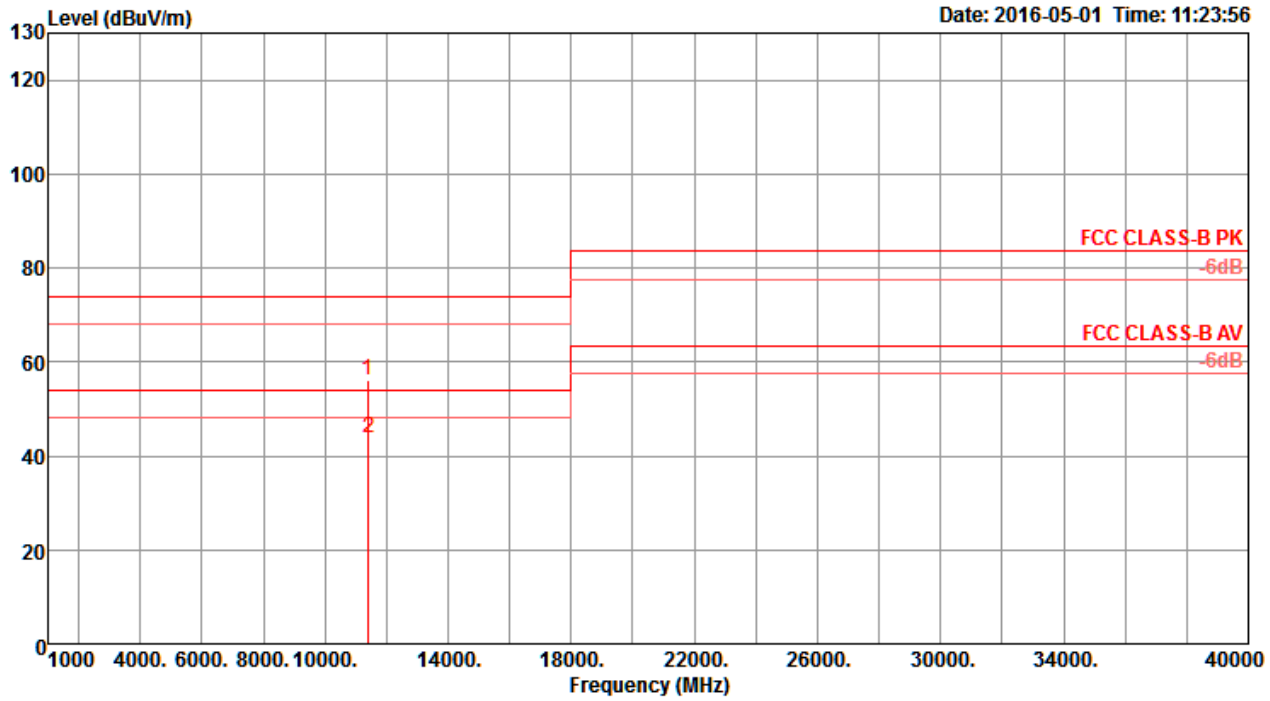
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11156.56	65.85	74.00	-8.15	52.34	9.66	38.50	34.65	341	214	Peak	VERTICAL
2	11161.70	52.54	54.00	-1.46	39.03	9.66	38.50	34.65	341	214	Average	VERTICAL

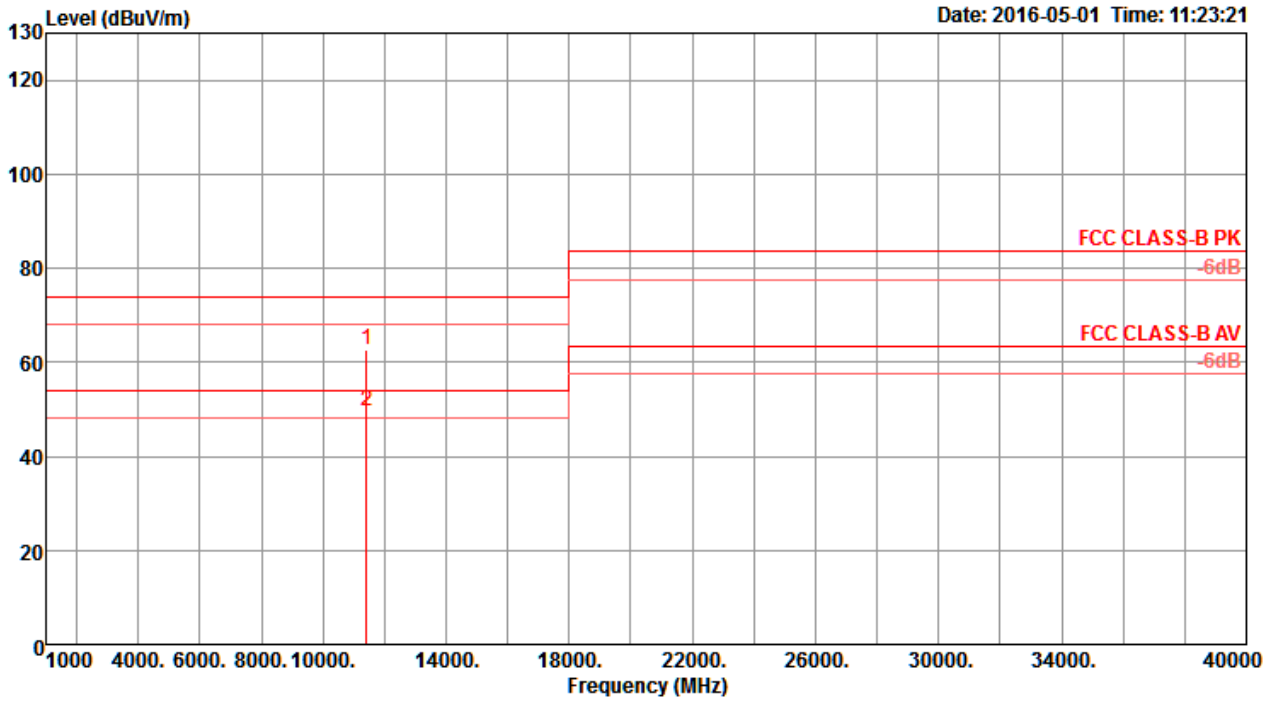
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 140 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11396.36	56.25	74.00	-17.75	42.75	9.63	38.50	34.63	77	240	Peak	HORIZONTAL
2	11402.92	43.81	54.00	-10.19	30.31	9.63	38.50	34.63	77	240	Average	HORIZONTAL

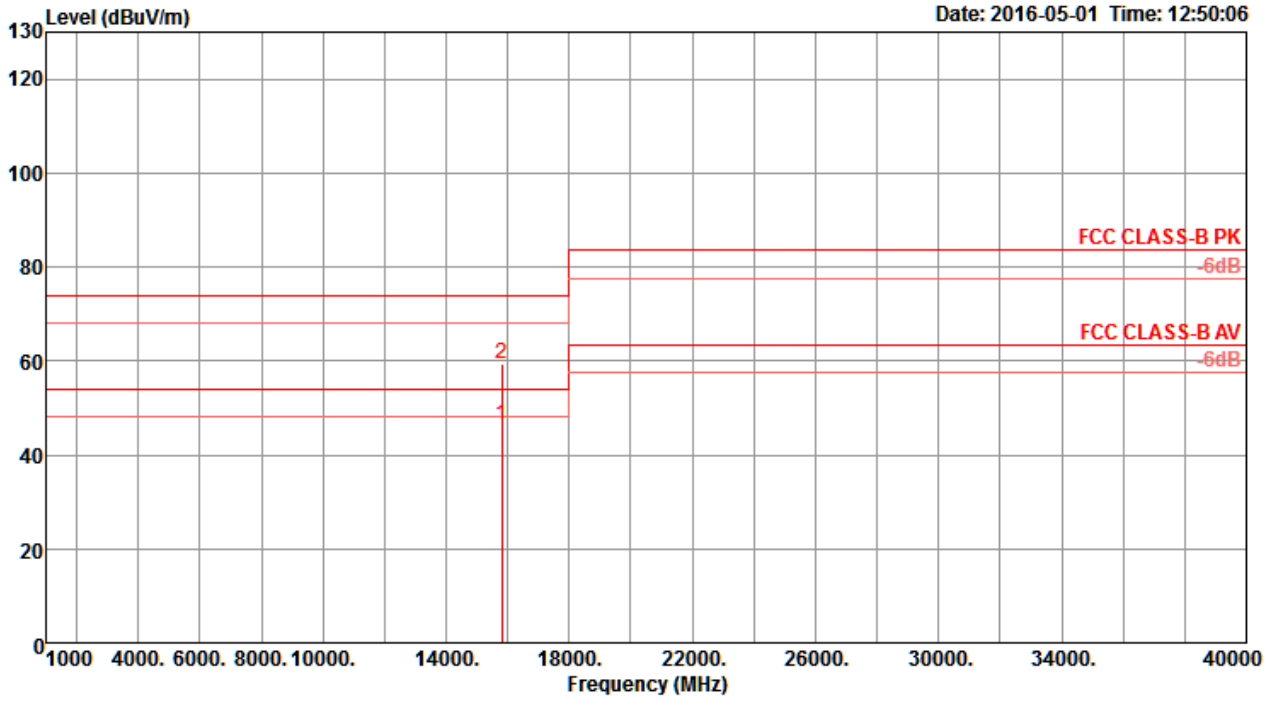
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11400.30	62.49	74.00	-11.51	48.99	9.63	38.50	34.63	335	214	Peak	VERTICAL
2	11402.00	49.61	54.00	-4.39	36.11	9.63	38.50	34.63	335	214	Average	VERTICAL

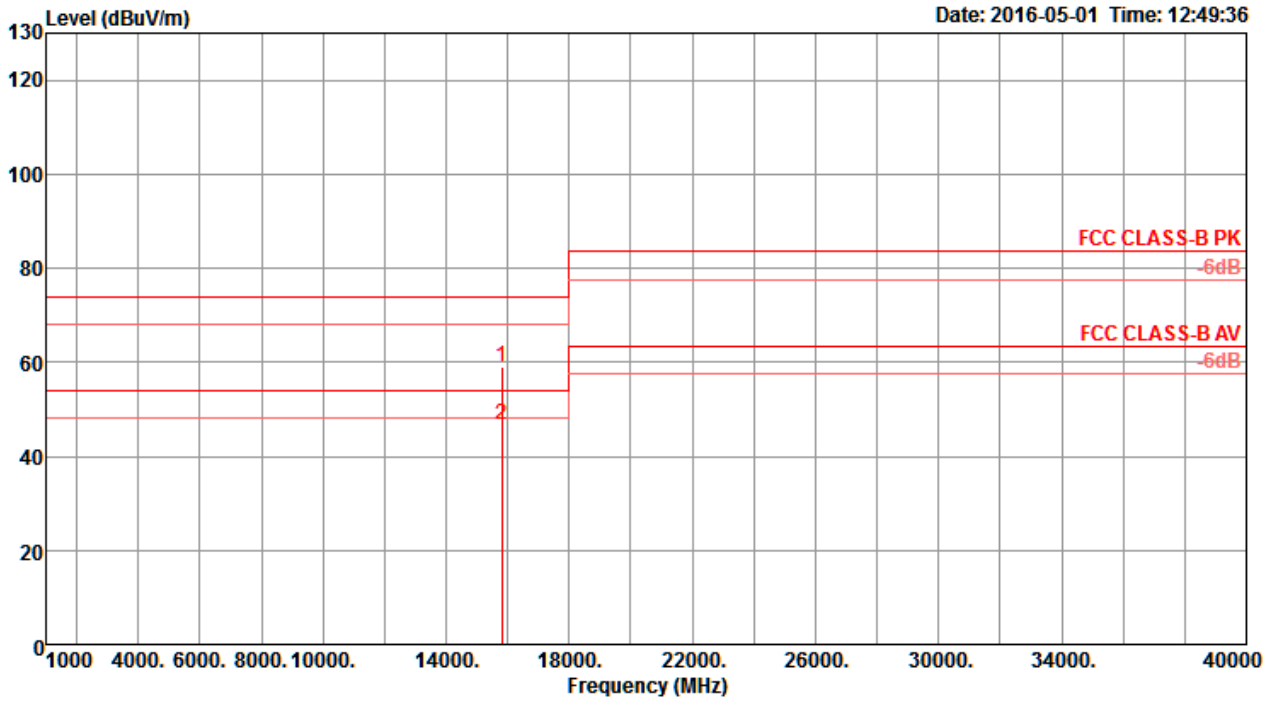
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 54 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15807.84	46.43	54.00	-7.57	31.43	11.30	38.55	34.85	158	200	Average	HORIZONTAL
2	15809.54	59.32	74.00	-14.68	44.32	11.30	38.55	34.85	158	200	Peak	HORIZONTAL

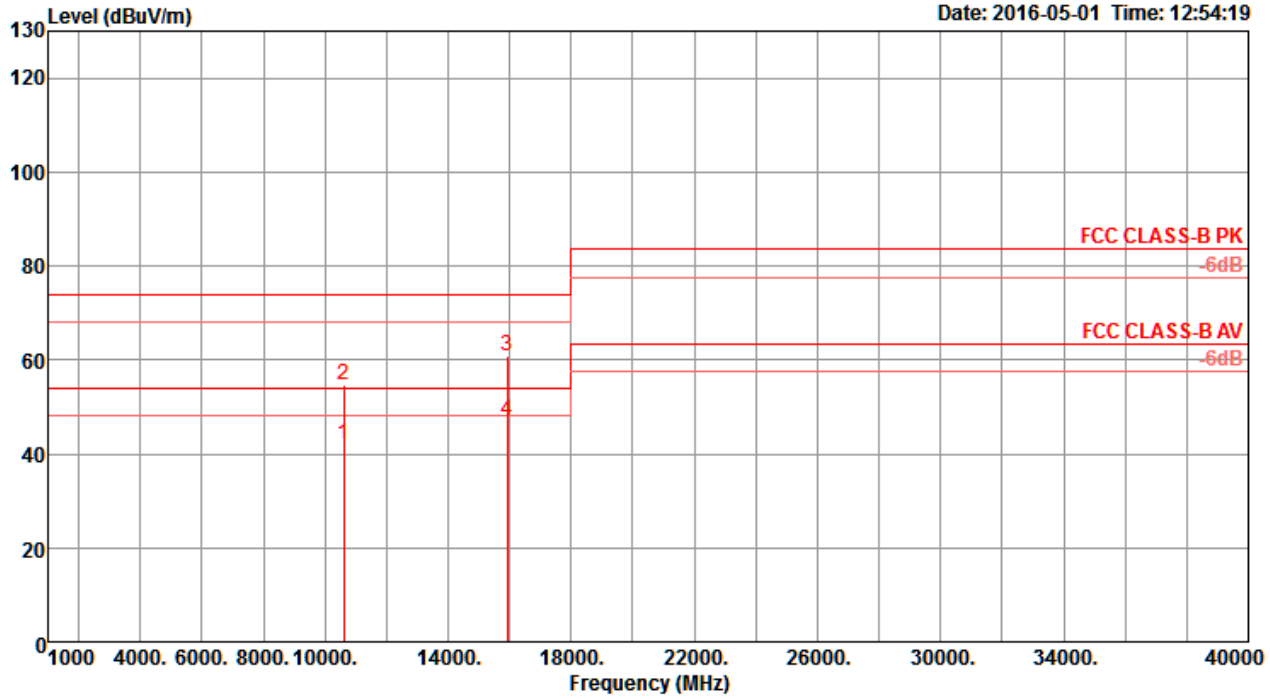
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15809.64	59.10	74.00	-14.90	44.10	11.30	38.55	34.85	196	204	Peak	VERTICAL
2	15811.32	46.70	54.00	-7.30	31.70	11.30	38.55	34.85	196	204	Average	VERTICAL

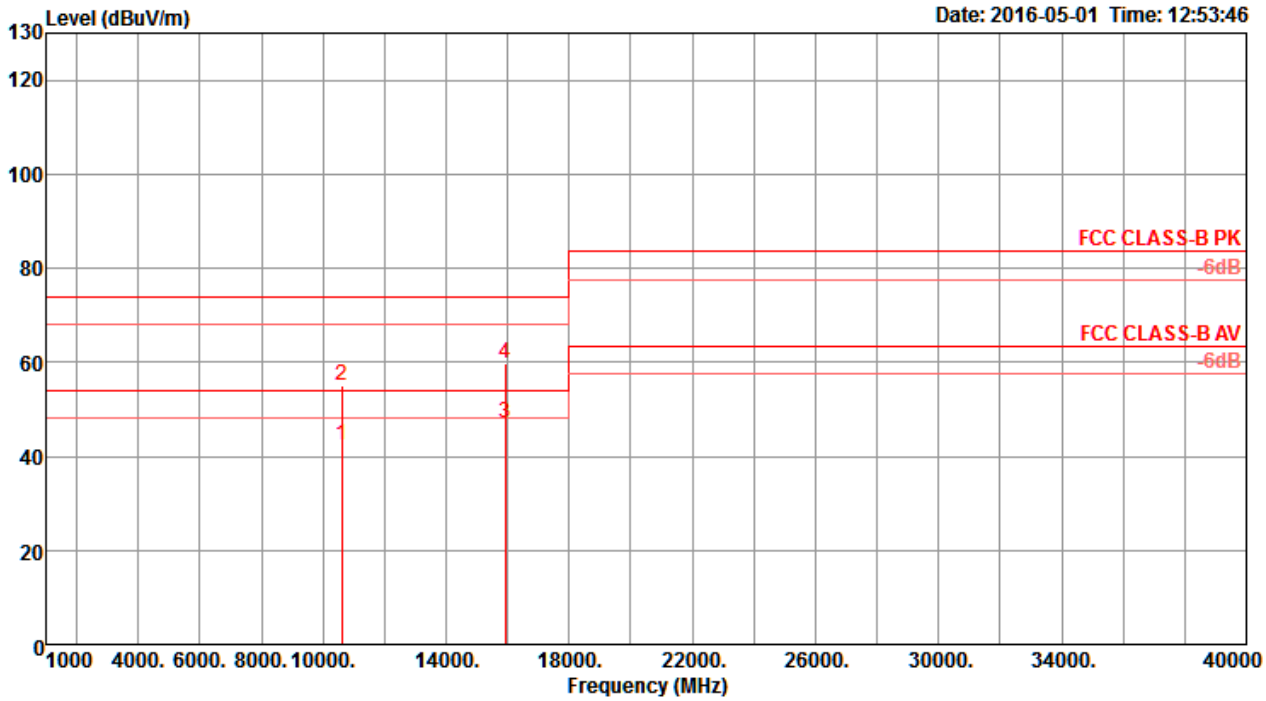
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 62 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10620.48	42.10	54.00	-11.90	28.79	9.74	38.50	34.93	357	199	Average	HORIZONTAL
2	10622.64	54.66	74.00	-19.34	41.36	9.73	38.50	34.93	357	199	Peak	HORIZONTAL
3	15925.02	60.78	74.00	-13.22	45.69	11.33	38.74	34.98	106	186	Peak	HORIZONTAL
4	15925.52	47.03	54.00	-6.97	31.94	11.33	38.74	34.98	106	186	Average	HORIZONTAL

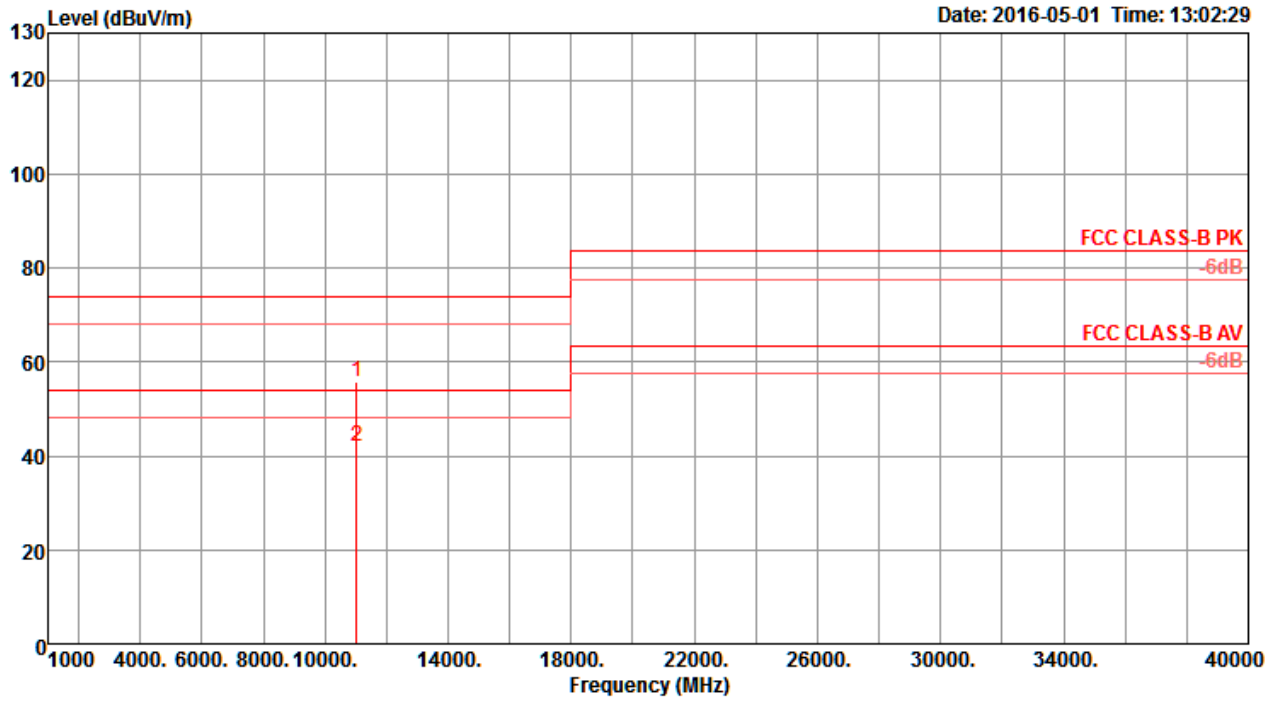
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10617.54	42.33	54.00	-11.67	29.02	9.74	38.50	34.93	38	240	Average	VERTICAL
2	10621.80	54.90	74.00	-19.10	41.60	9.73	38.50	34.93	38	240	Peak	VERTICAL
3	15933.60	47.24	54.00	-6.76	32.15	11.33	38.74	34.98	129	196	Average	VERTICAL
4	15934.44	59.82	74.00	-14.18	44.73	11.33	38.74	34.98	129	196	Peak	VERTICAL

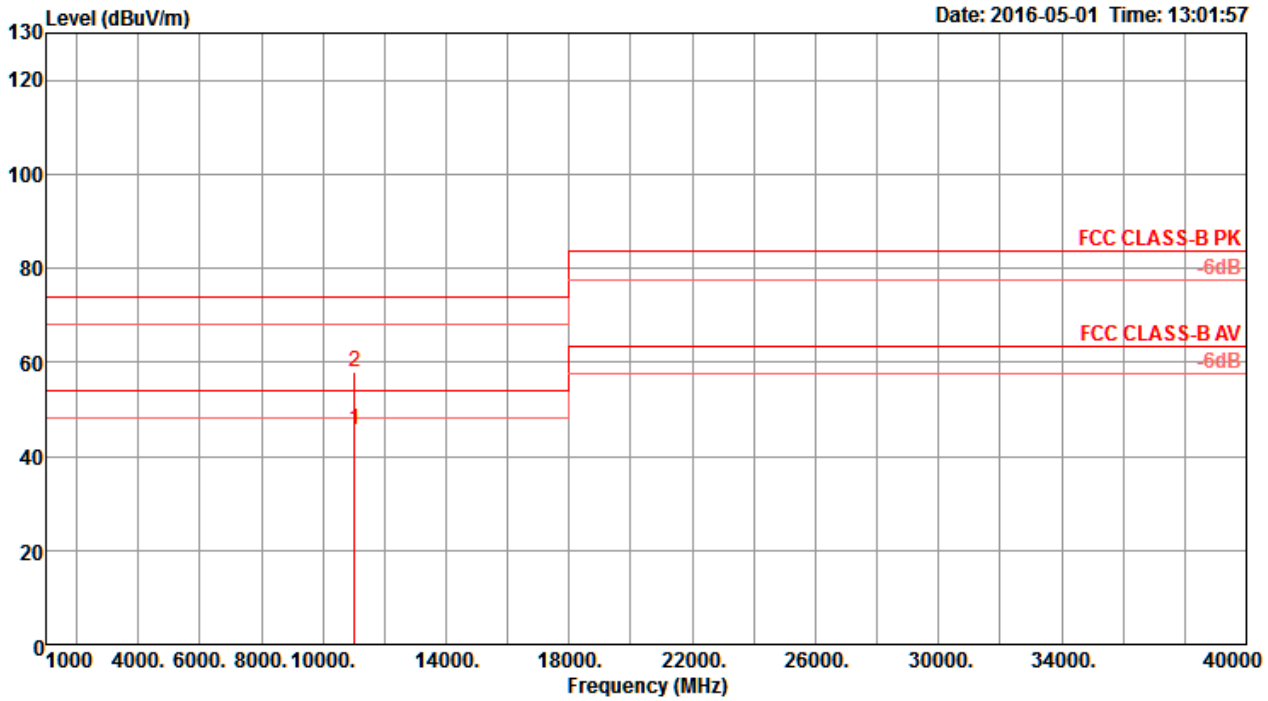
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 102 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11019.22	55.74	74.00	-18.26	42.22	9.68	38.50	34.66	119	193	Peak	HORIZONTAL
2	11020.86	41.84	54.00	-12.16	28.32	9.68	38.50	34.66	119	193	Average	HORIZONTAL

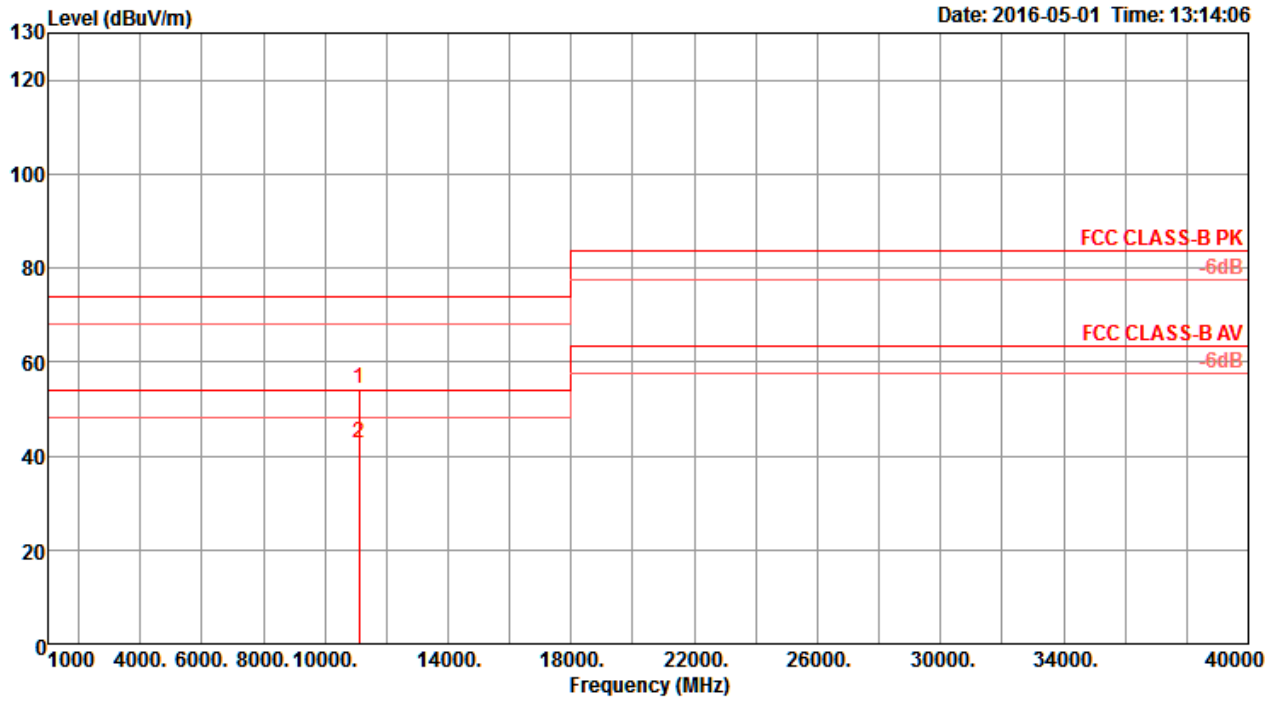
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11018.52	45.51	54.00	-8.49	31.99	9.68	38.50	34.66	339	219	Average	VERTICAL
2	11020.48	58.04	74.00	-15.96	44.52	9.68	38.50	34.66	339	219	Peak	VERTICAL

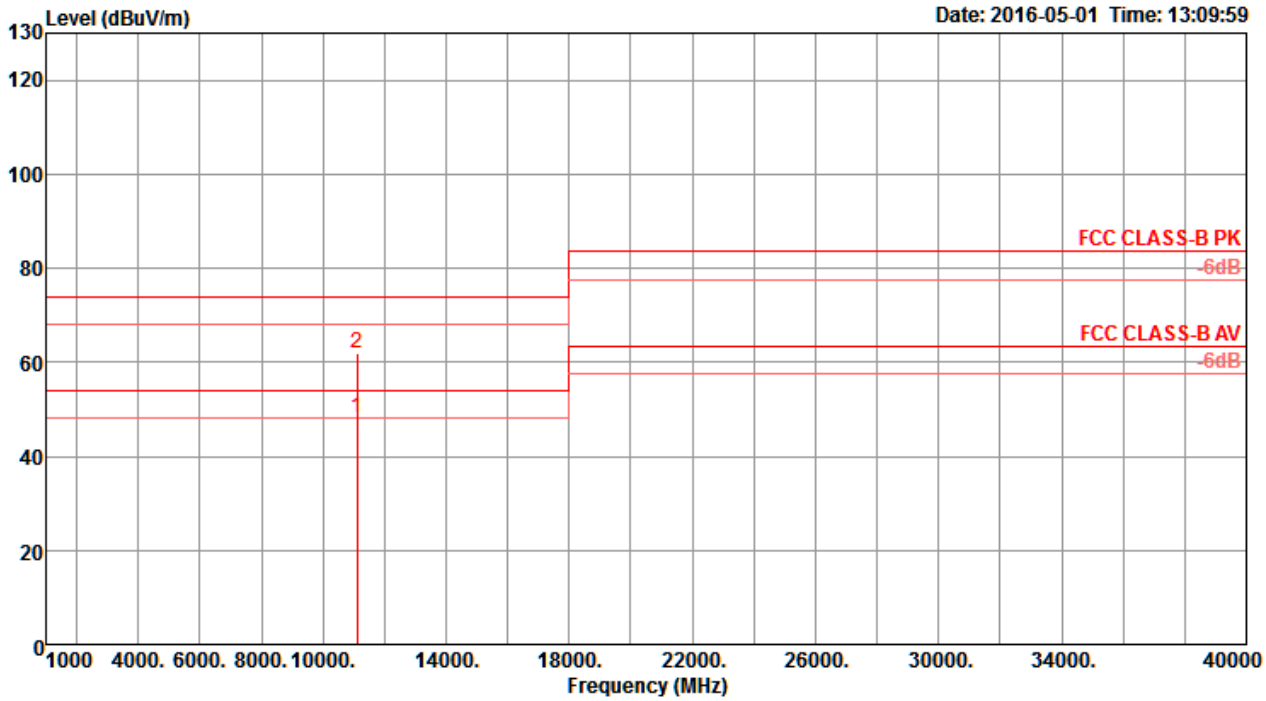
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 110 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11096.16	54.37	74.00	-19.63	40.85	9.67	38.50	34.65	347	206	Peak	HORIZONTAL
2	11100.88	42.74	54.00	-11.26	29.22	9.67	38.50	34.65	347	206	Average	HORIZONTAL

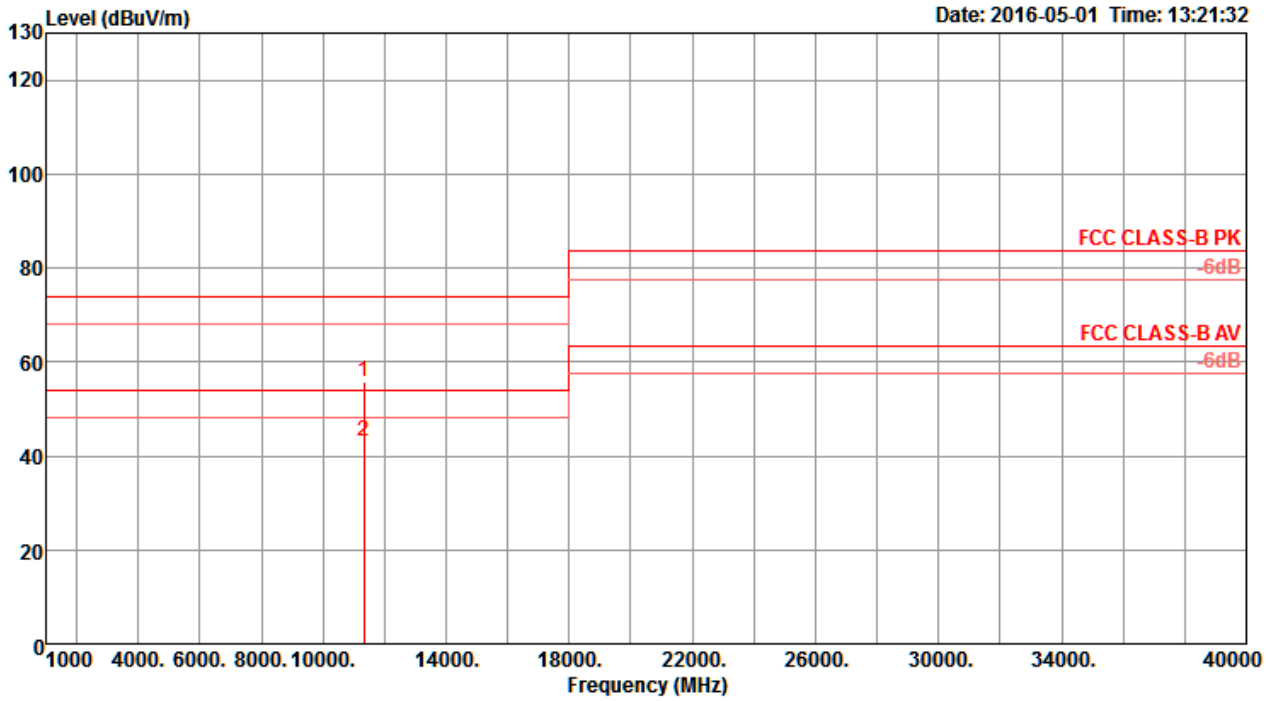
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11095.86	48.14	54.00	-5.86	34.62	9.67	38.50	34.65	340	211	Average	VERTICAL
2	11100.40	61.99	74.00	-12.01	48.47	9.67	38.50	34.65	340	210	Peak	VERTICAL

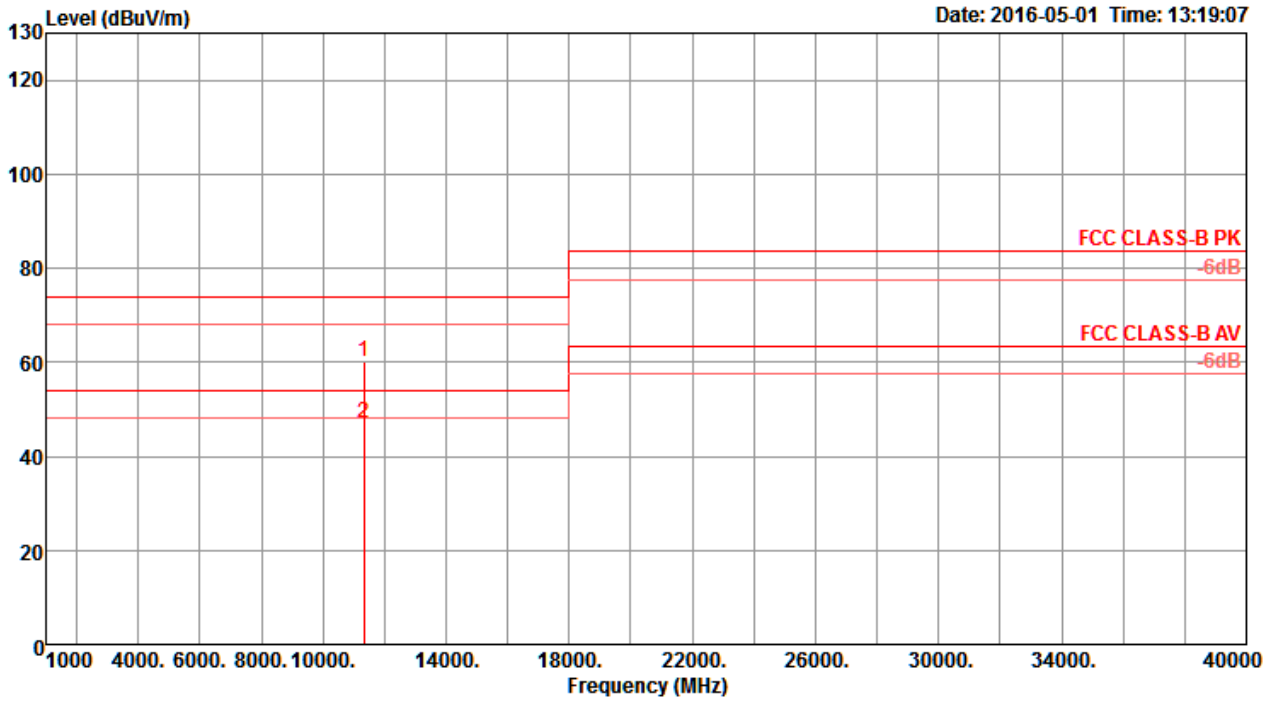
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 134 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11342.88	55.69	74.00	-18.31	42.18	9.64	38.50	34.63	125	200	Peak	HORIZONTAL
2	11343.24	43.08	54.00	-10.92	29.57	9.64	38.50	34.63	125	200	Average	HORIZONTAL

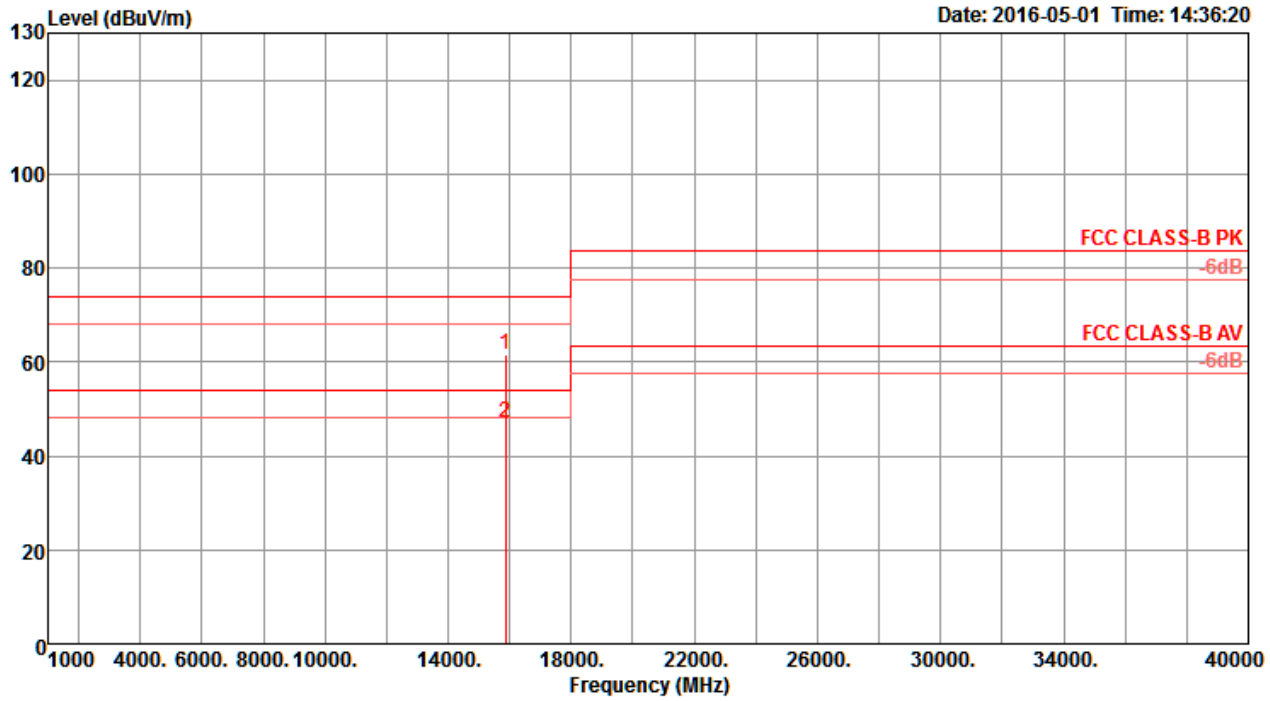
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11338.30	60.02	74.00	-13.98	46.51	9.64	38.50	34.63	333	210	Peak	VERTICAL
2	11341.92	47.21	54.00	-6.79	33.70	9.64	38.50	34.63	333	210	Average	VERTICAL

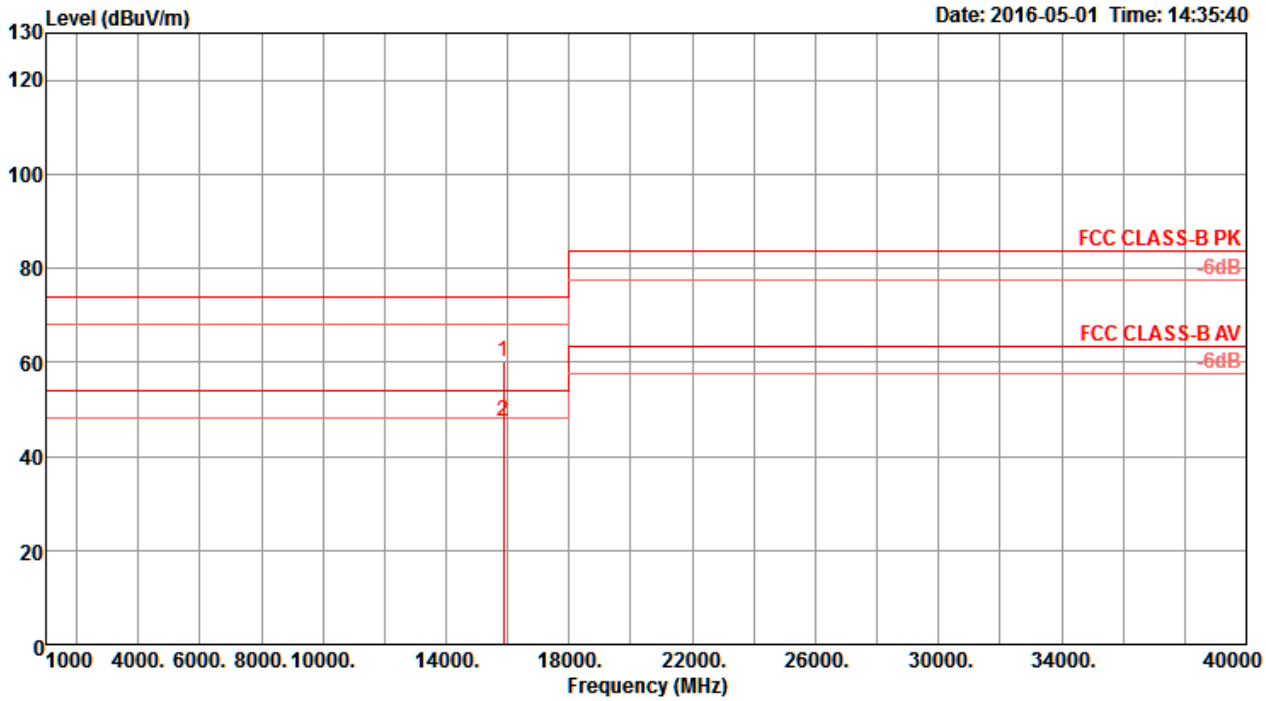
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT80 CH 58 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15870.04	61.49	74.00	-12.51	46.51	11.31	38.61	34.94	304	198	Peak	HORIZONTAL
2	15873.12	47.05	54.00	-6.95	32.07	11.31	38.61	34.94	304	198	Average	HORIZONTAL

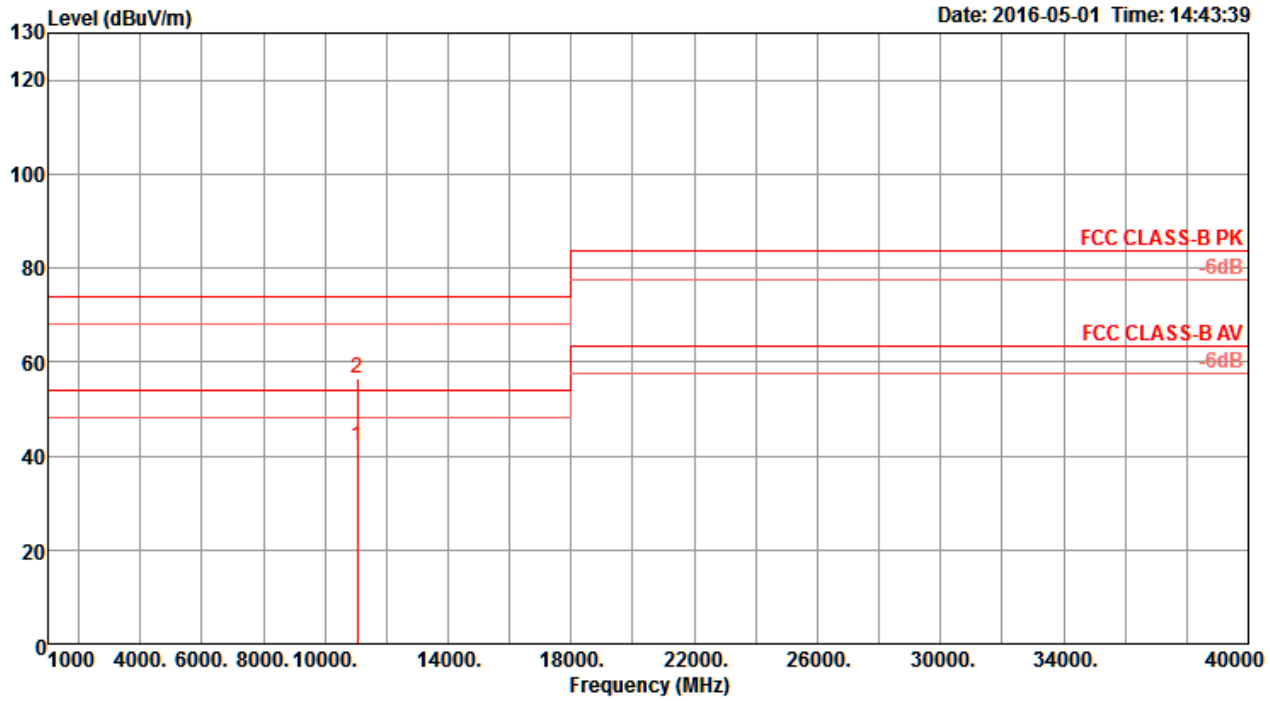
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15867.38	60.21	74.00	-13.79	45.18	11.31	38.61	34.89	334	206	Peak	VERTICAL
2	15872.40	47.37	54.00	-6.63	32.39	11.31	38.61	34.94	334	206	Average	VERTICAL

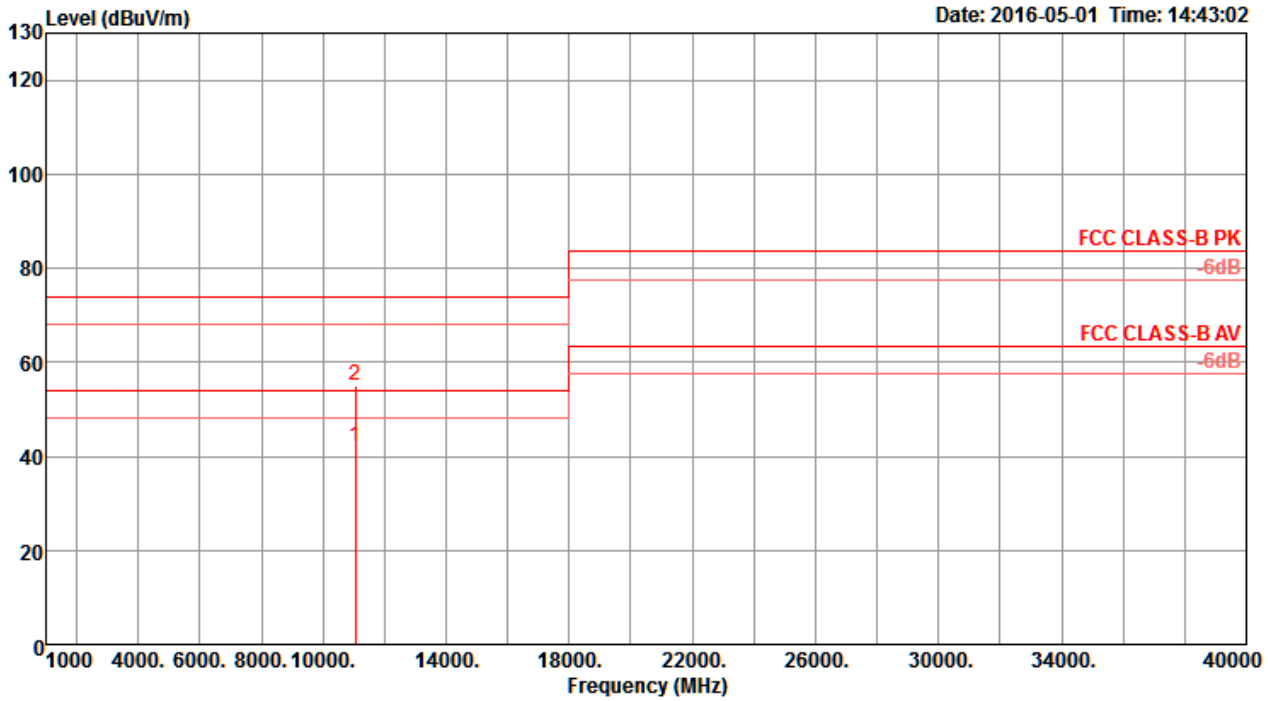
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT80 CH 106 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11058.02	41.84	54.00	-12.16	28.32	9.68	38.50	34.66	116	203	Average	HORIZONTAL
2	11061.50	56.40	74.00	-17.60	42.89	9.67	38.50	34.66	116	203	Peak	HORIZONTAL

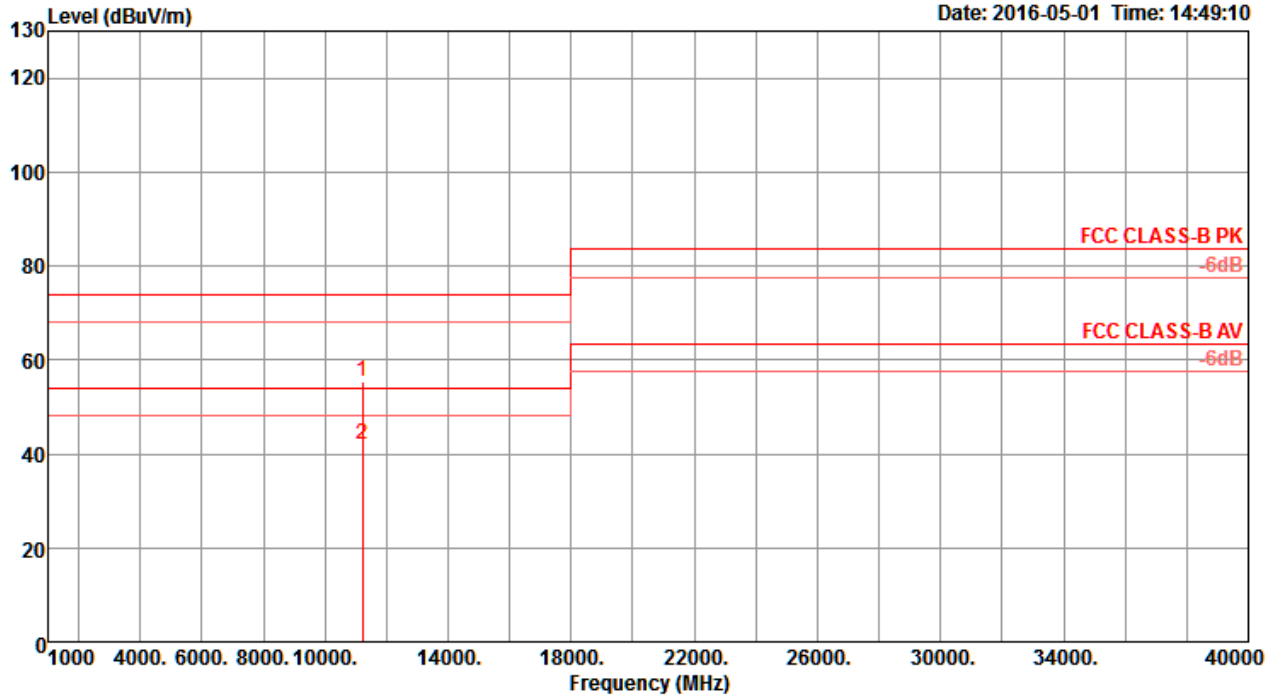
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11055.18	42.16	54.00	-11.84	28.64	9.68	38.50	34.66	55	207	Average	VERTICAL
2	11055.74	55.12	74.00	-18.88	41.60	9.68	38.50	34.66	55	207	Peak	VERTICAL

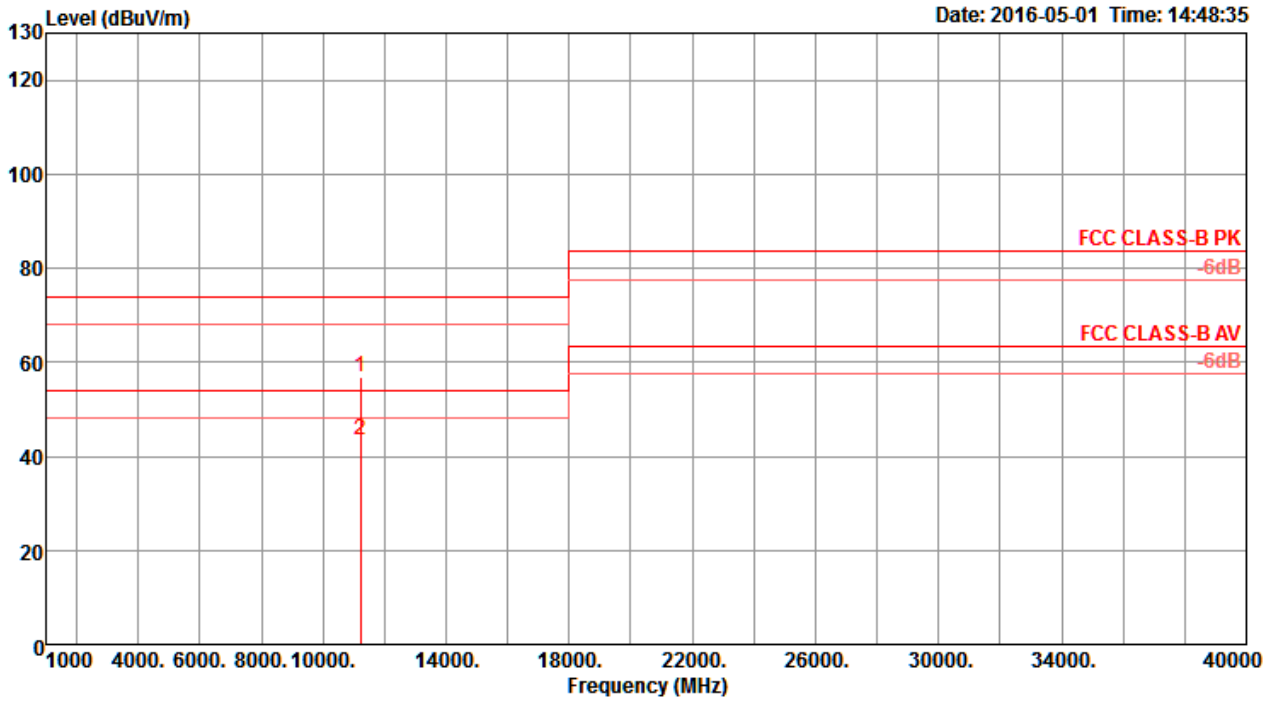
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT80 CH 122 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11220.00	55.31	74.00	-18.69	41.79	9.66	38.50	34.64	319	207	Peak	HORIZONTAL
2	11220.00	41.93	54.00	-12.07	28.41	9.66	38.50	34.64	319	207	Average	HORIZONTAL

Vertical

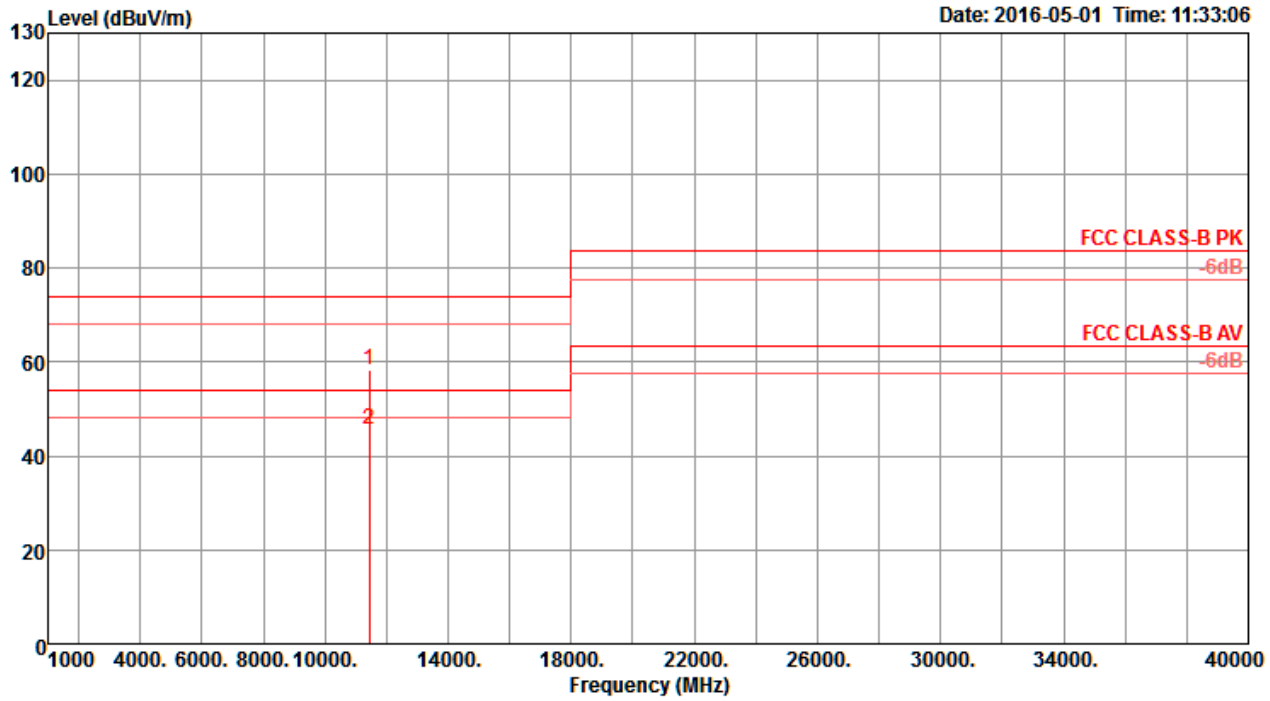


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11220.00	56.84	74.00	-17.16	43.32	9.66	38.50	34.64	333	213	Peak	VERTICAL
2	11220.00	43.56	54.00	-10.44	30.04	9.66	38.50	34.64	333	213	Average	VERTICAL

Straddle Channel

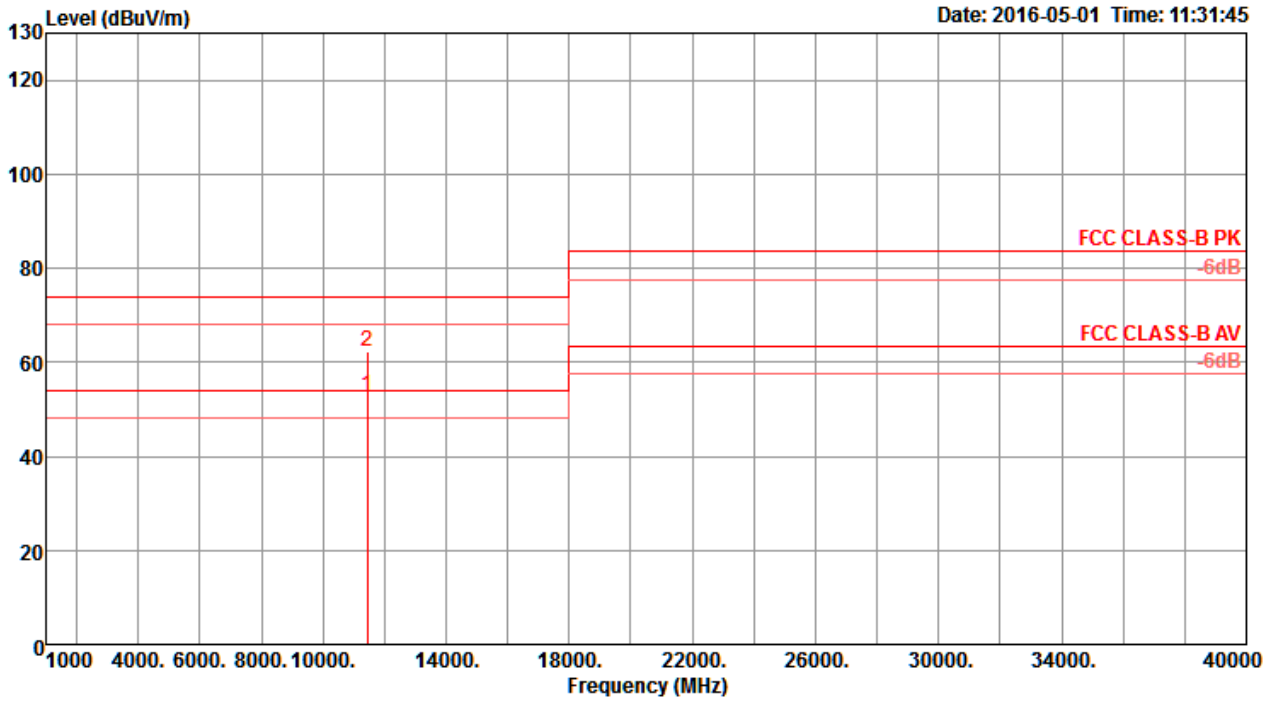
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 144 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11438.94	58.12	74.00	-15.88	44.61	9.63	38.50	34.62	126	209	Peak	HORIZONTAL
2	11440.58	45.61	54.00	-8.39	32.10	9.63	38.50	34.62	126	209	Average	HORIZONTAL

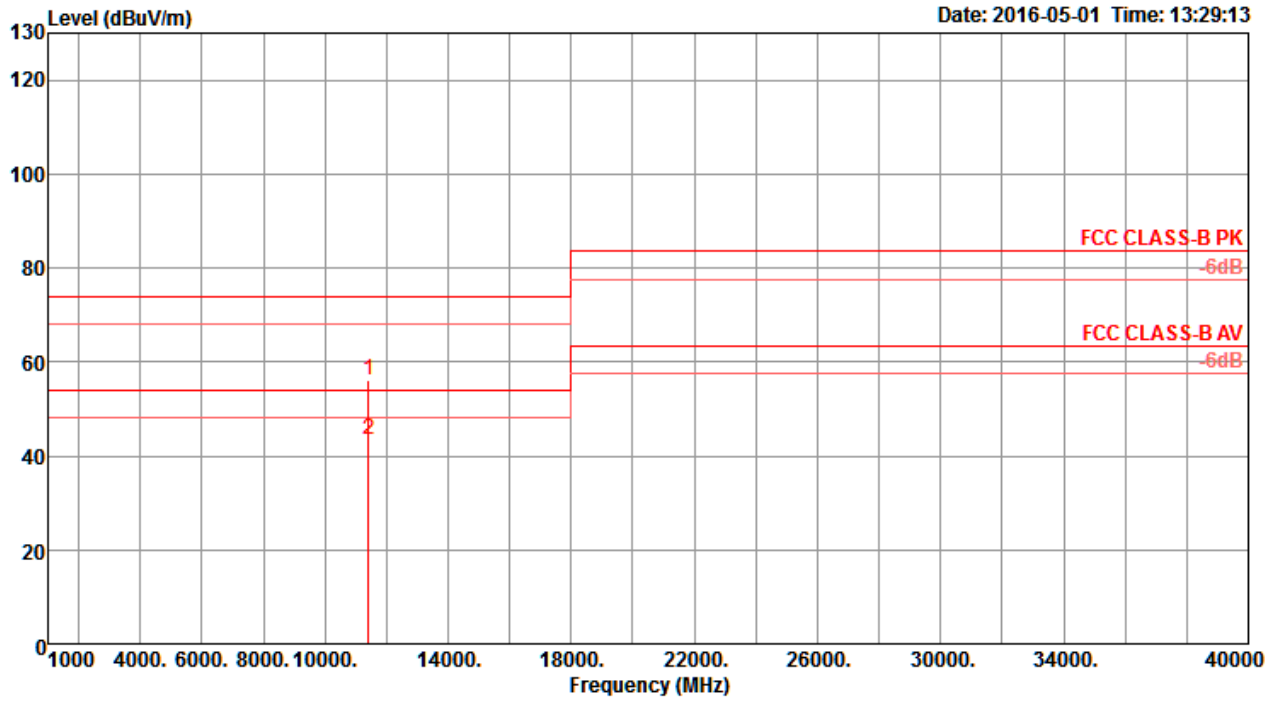
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11440.36	52.98	54.00	-1.02	39.47	9.63	38.50	34.62	332	217	Average	VERTICAL
2	11441.30	62.22	74.00	-11.78	48.71	9.63	38.50	34.62	332	217	Peak	VERTICAL

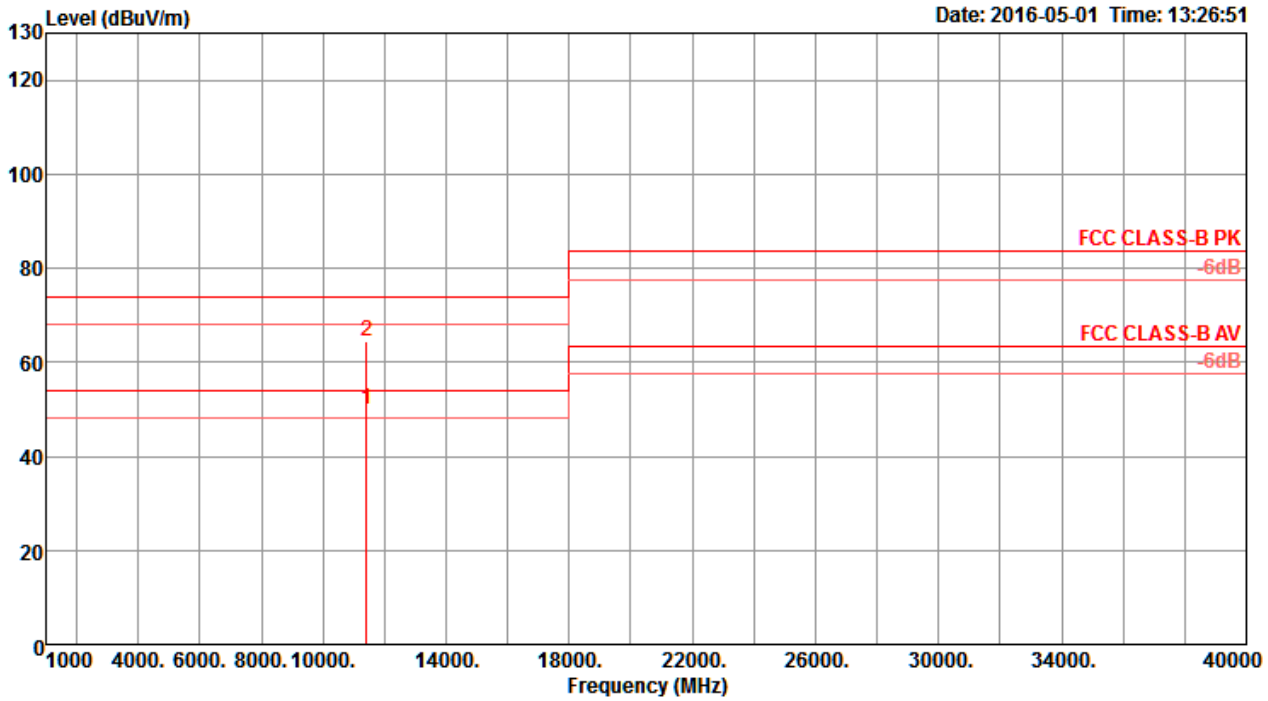
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 142 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11418.72	56.27	74.00	-17.73	42.77	9.63	38.50	34.63	75	176	Peak	HORIZONTAL
2	11423.16	43.38	54.00	-10.62	29.88	9.63	38.50	34.63	75	176	Average	HORIZONTAL

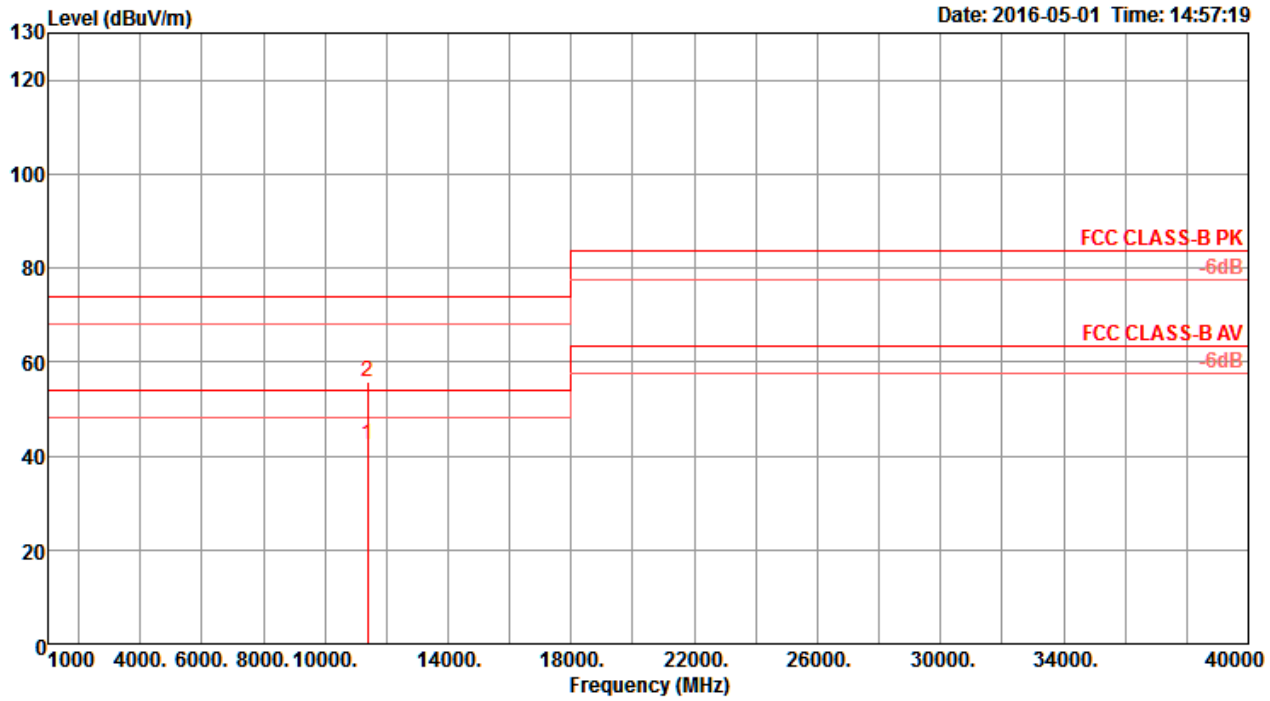
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11418.40	49.84	54.00	-4.16	36.34	9.63	38.50	34.63	334	200	Average	VERTICAL
2	11420.48	64.34	74.00	-9.66	50.84	9.63	38.50	34.63	334	200	Peak	VERTICAL

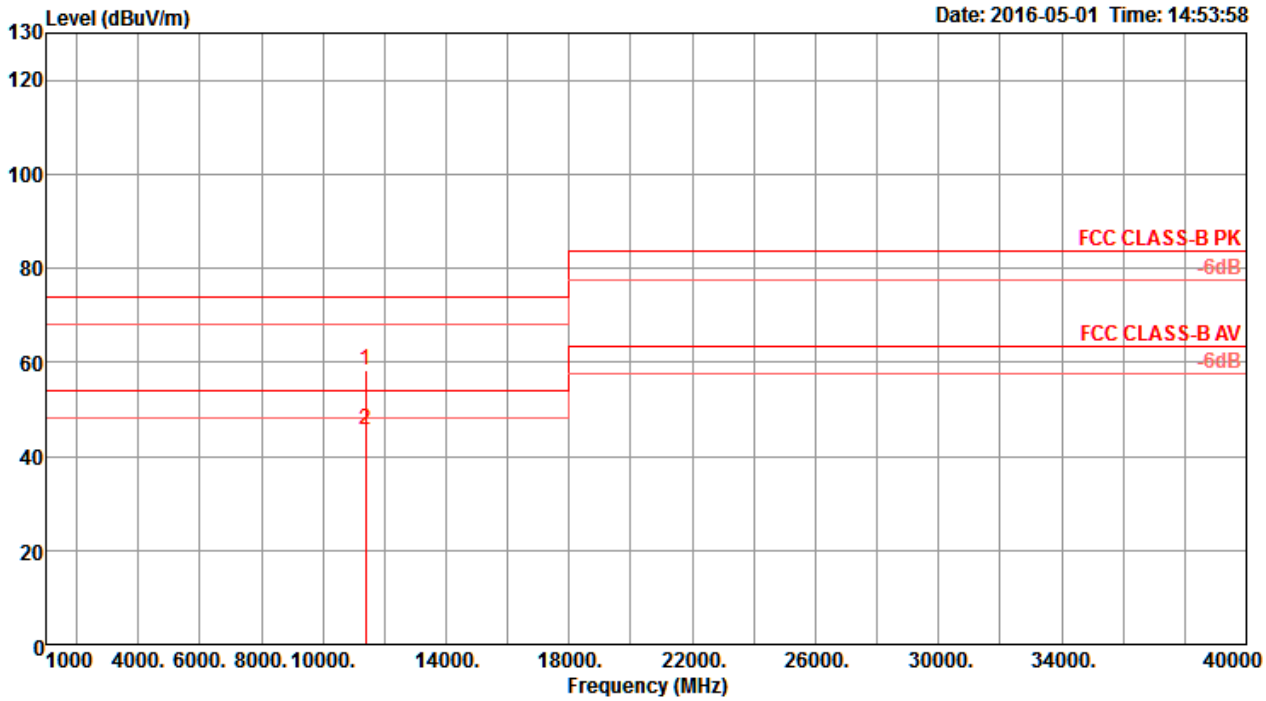
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT80 CH 138 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11380.00	42.53	54.00	-11.47	29.03	9.63	38.50	34.63	301	194	Average	HORIZONTAL
2	11380.00	55.64	74.00	-18.36	42.14	9.63	38.50	34.63	301	194	Peak	HORIZONTAL

Vertical

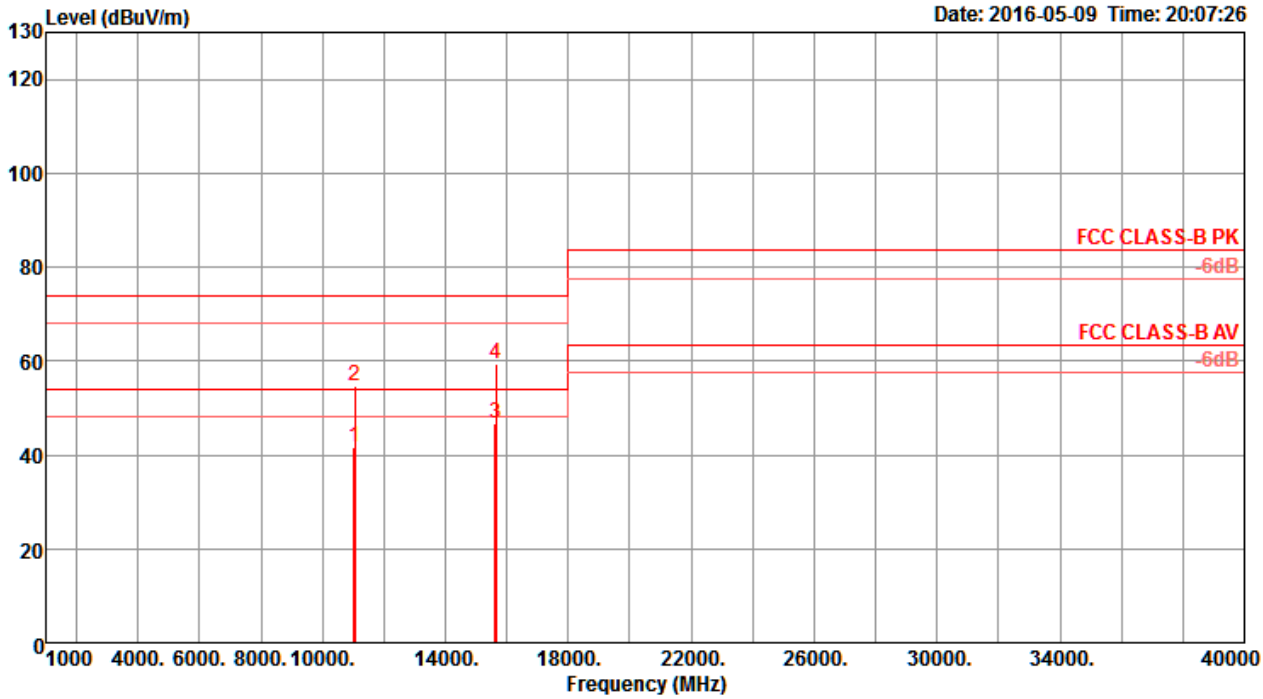


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11380.00	58.47	74.00	-15.53	44.97	9.63	38.50	34.63	334	209	Peak	VERTICAL
2	11380.00	45.56	54.00	-8.44	32.06	9.63	38.50	34.63	334	209	Average	VERTICAL

802.11ac MCS0/Nss2 VHT80+80

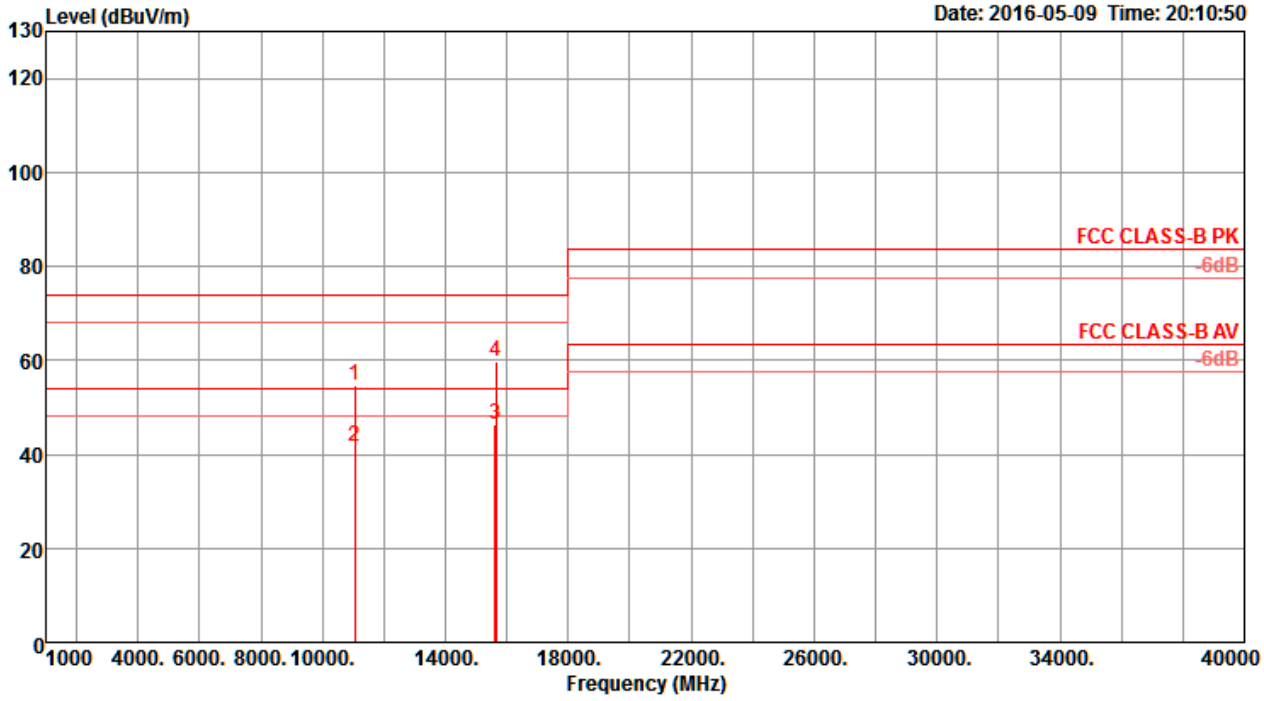
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 1 / CH 42+106 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11040.10	41.58	54.00	-12.42	28.06	9.68	38.50	34.66	160	114	Average	HORIZONTAL
2	11045.90	54.51	74.00	-19.49	40.99	9.68	38.50	34.66	160	114	Peak	HORIZONTAL
3	15605.60	46.58	54.00	-7.42	31.72	11.25	38.29	34.68	254	112	Average	HORIZONTAL
4	15638.30	59.27	74.00	-14.73	44.46	11.25	38.29	34.73	254	112	Peak	HORIZONTAL

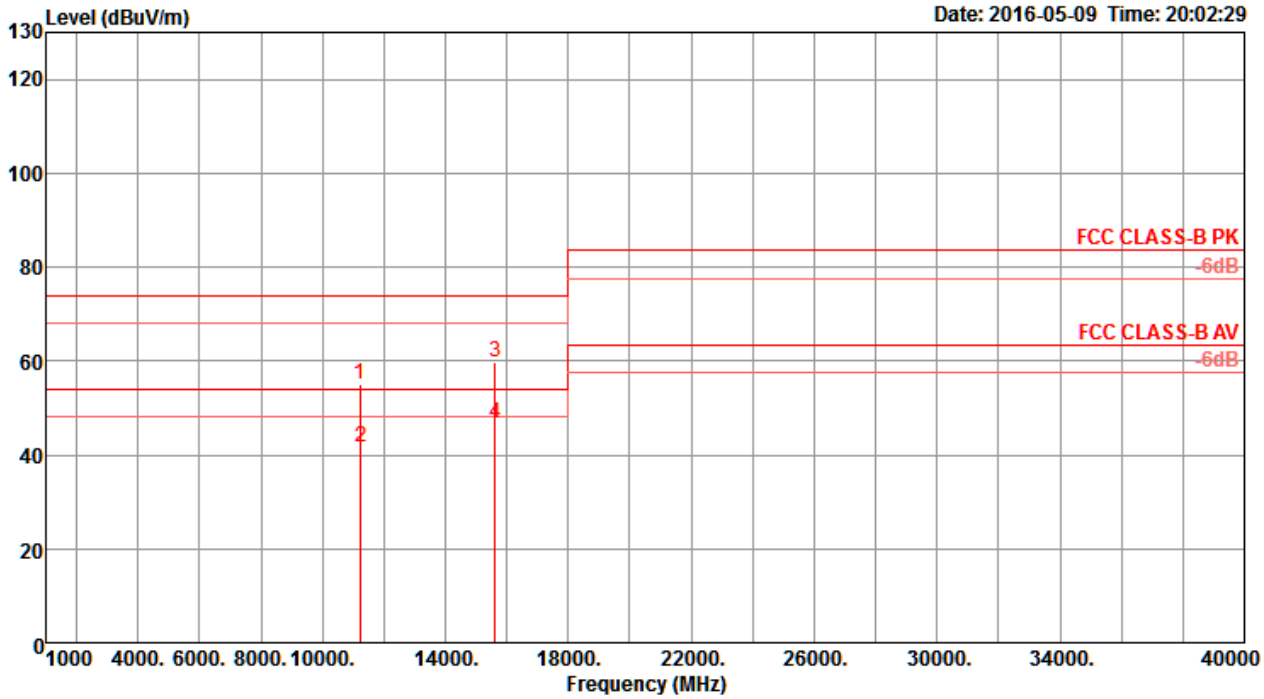
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11048.60	54.80	74.00	-19.20	41.28	9.68	38.50	34.66	299	118	Peak	VERTICAL
2	11060.80	41.55	54.00	-12.45	28.04	9.67	38.50	34.66	299	118	Average	VERTICAL
3	15605.60	46.42	54.00	-7.58	31.56	11.25	38.29	34.68	124	123	Average	VERTICAL
4	15647.70	59.72	74.00	-14.28	44.84	11.26	38.35	34.73	124	123	Peak	VERTICAL

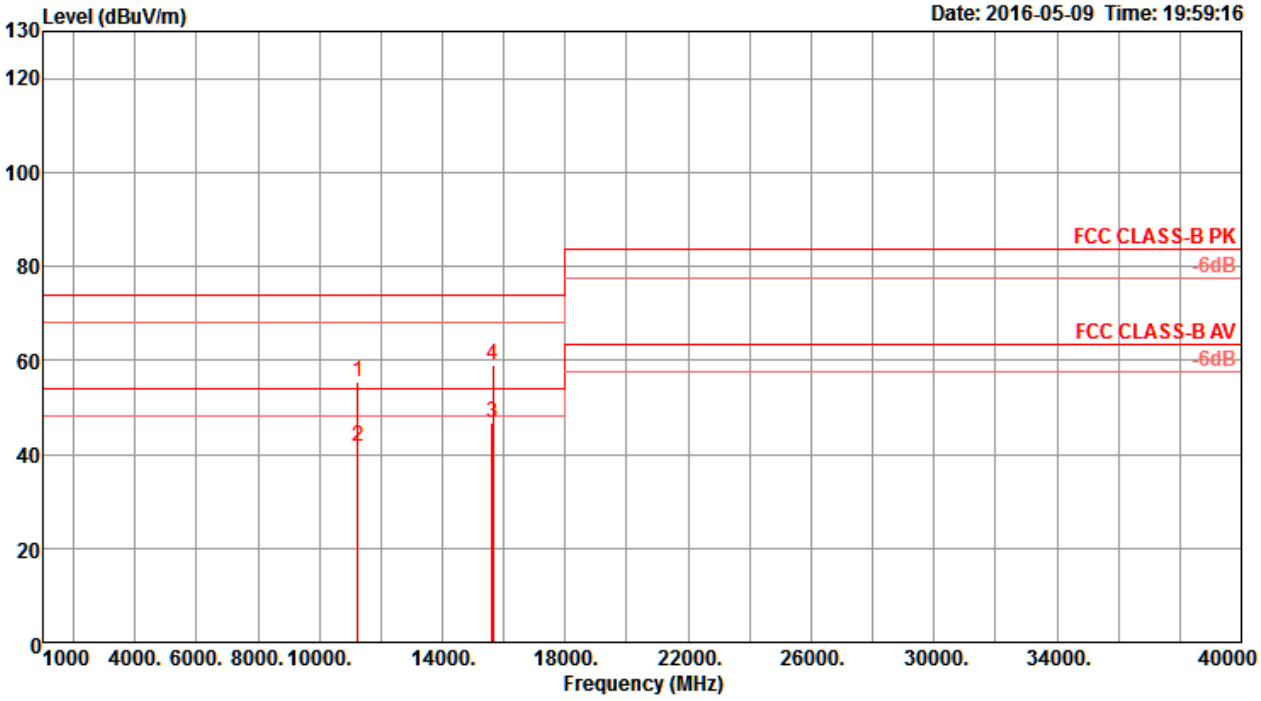
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 2 / CH 42+122 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11217.70	54.86	74.00	-19.14	41.34	9.66	38.50	34.64	81	117	Peak	HORIZONTAL
2	11241.40	41.74	54.00	-12.26	28.23	9.65	38.50	34.64	81	117	Average	HORIZONTAL
3	15612.00	59.59	74.00	-14.41	44.78	11.25	38.29	34.73	184	122	Peak	HORIZONTAL
4	15620.40	46.66	54.00	-7.34	31.85	11.25	38.29	34.73	184	122	Average	HORIZONTAL

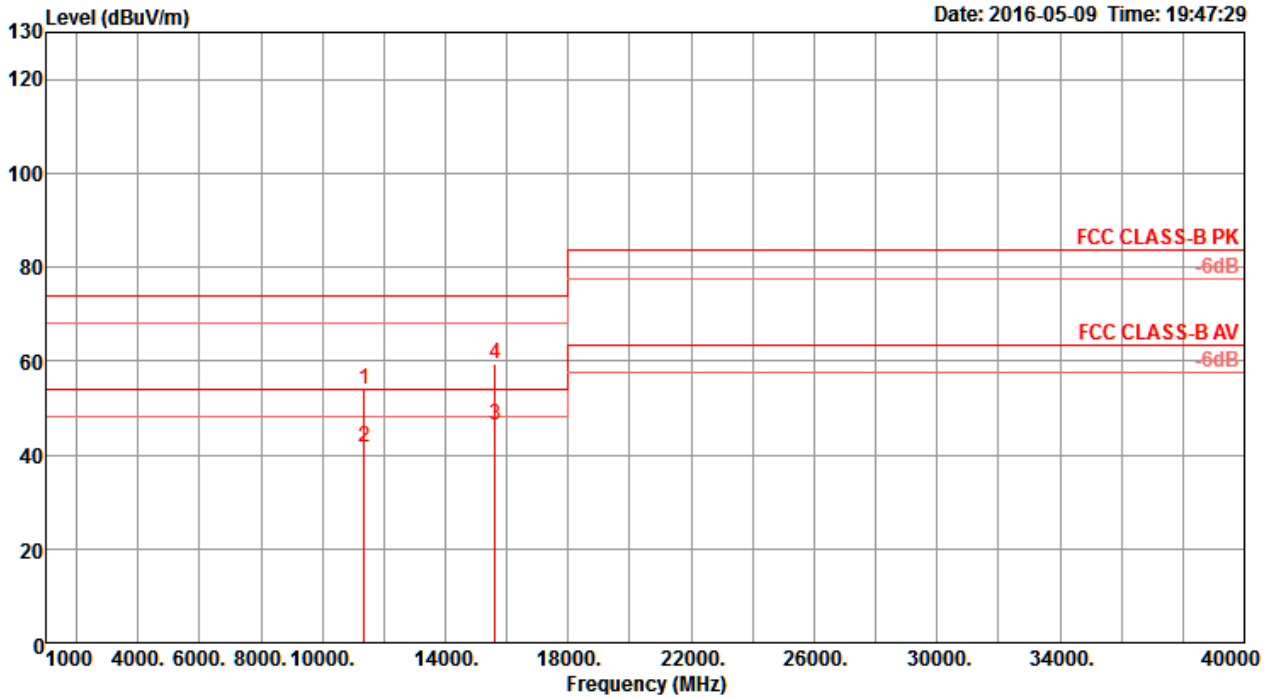
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11237.50	55.37	74.00	-18.63	41.86	9.65	38.50	34.64	259	122	Peak	VERTICAL
2	11241.00	41.80	54.00	-12.20	28.29	9.65	38.50	34.64	259	122	Average	VERTICAL
3	15605.30	46.58	54.00	-7.42	31.72	11.25	38.29	34.68	62	124	Average	VERTICAL
4	15647.00	59.01	74.00	-14.99	44.13	11.26	38.35	34.73	62	124	Peak	VERTICAL

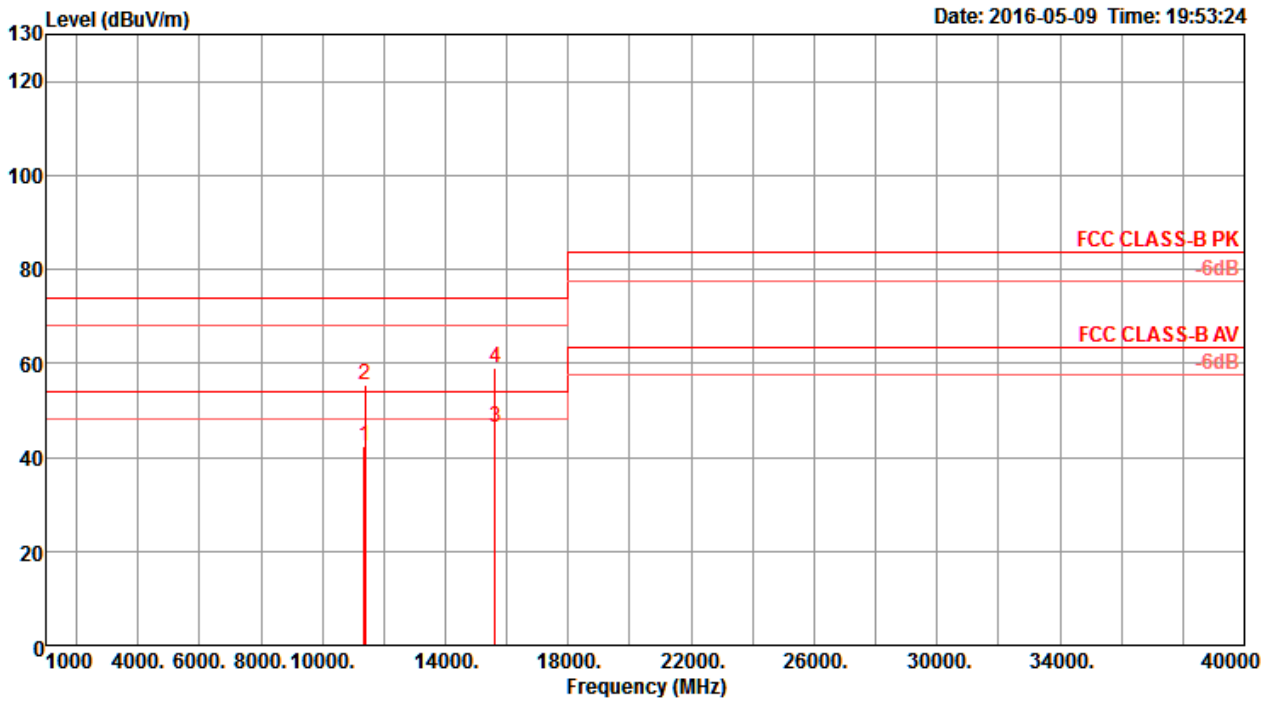
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 3 / CH 42+138 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11362.00	53.97	74.00	-20.03	40.47	9.63	38.50	34.63	145	118	Peak	HORIZONTAL
2	11367.80	41.74	54.00	-12.26	28.24	9.63	38.50	34.63	145	118	Average	HORIZONTAL
3	15612.20	46.48	54.00	-7.52	31.67	11.25	38.29	34.73	278	130	Average	HORIZONTAL
4	15622.50	59.49	74.00	-14.51	44.68	11.25	38.29	34.73	278	130	Peak	HORIZONTAL

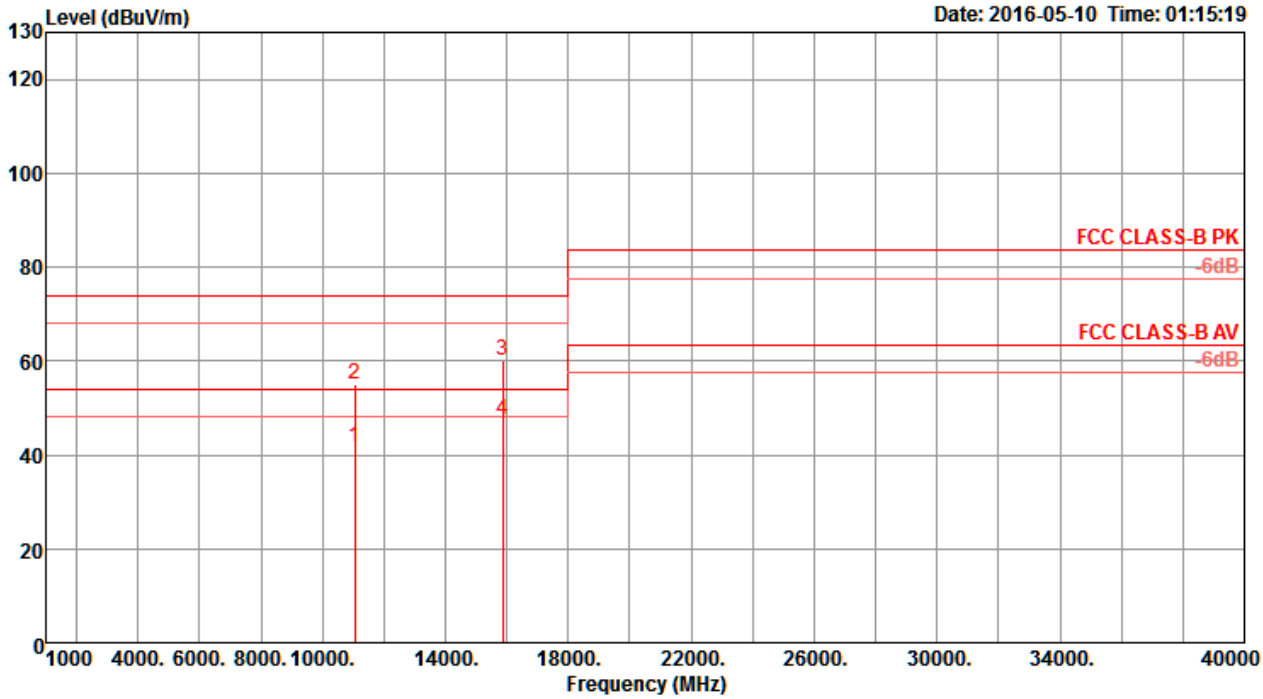
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11355.40	42.30	54.00	-11.70	28.80	9.63	38.50	34.63	310	123	Average	VERTICAL
2	11393.70	55.41	74.00	-18.59	41.91	9.63	38.50	34.63	310	123	Peak	VERTICAL
3	15606.00	46.53	54.00	-7.47	31.67	11.25	38.29	34.68	218	119	Average	VERTICAL
4	15609.00	58.98	74.00	-15.02	44.12	11.25	38.29	34.68	218	119	Peak	VERTICAL

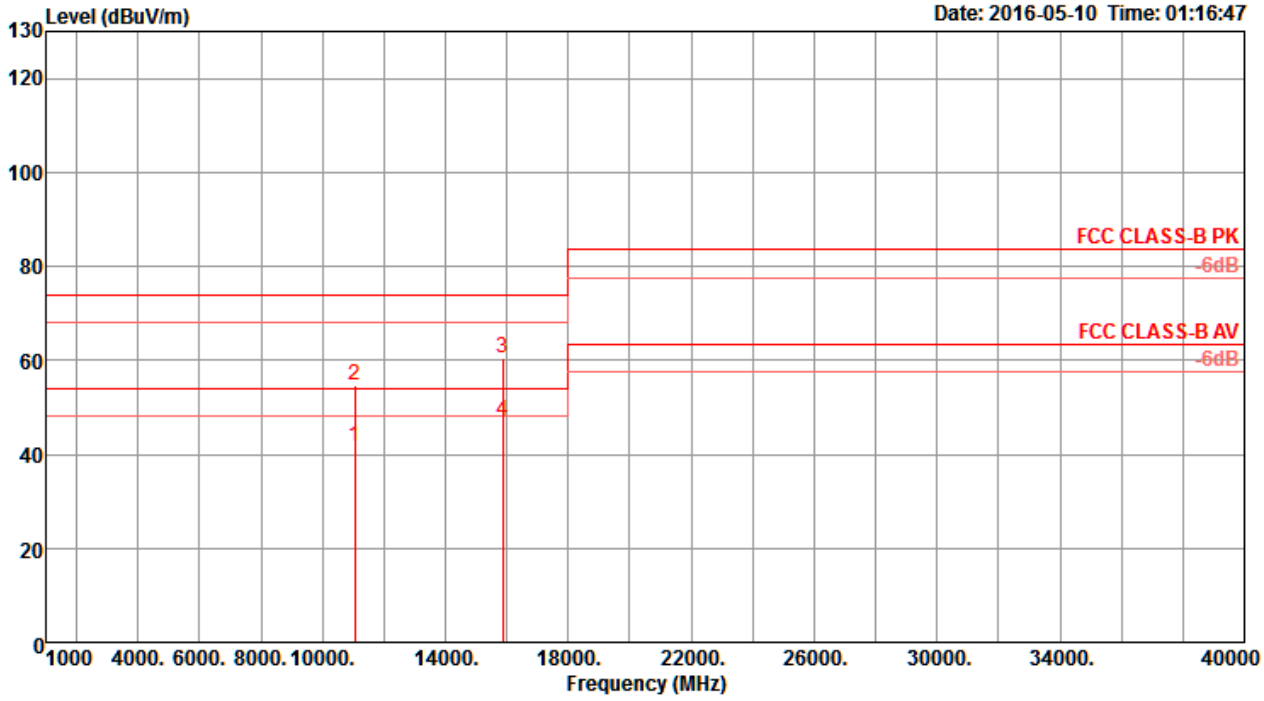
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 4 / CH 58+106 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11054.72	41.82	54.00	-12.18	28.30	9.68	38.50	34.66	245	136	Average	HORIZONTAL
2	11059.44	54.90	74.00	-19.10	41.38	9.68	38.50	34.66	245	136	Peak	HORIZONTAL
3	15860.20	60.11	74.00	-13.89	45.08	11.31	38.61	34.89	37	134	Peak	HORIZONTAL
4	15879.40	47.28	54.00	-6.72	32.23	11.32	38.67	34.94	37	134	Average	HORIZONTAL

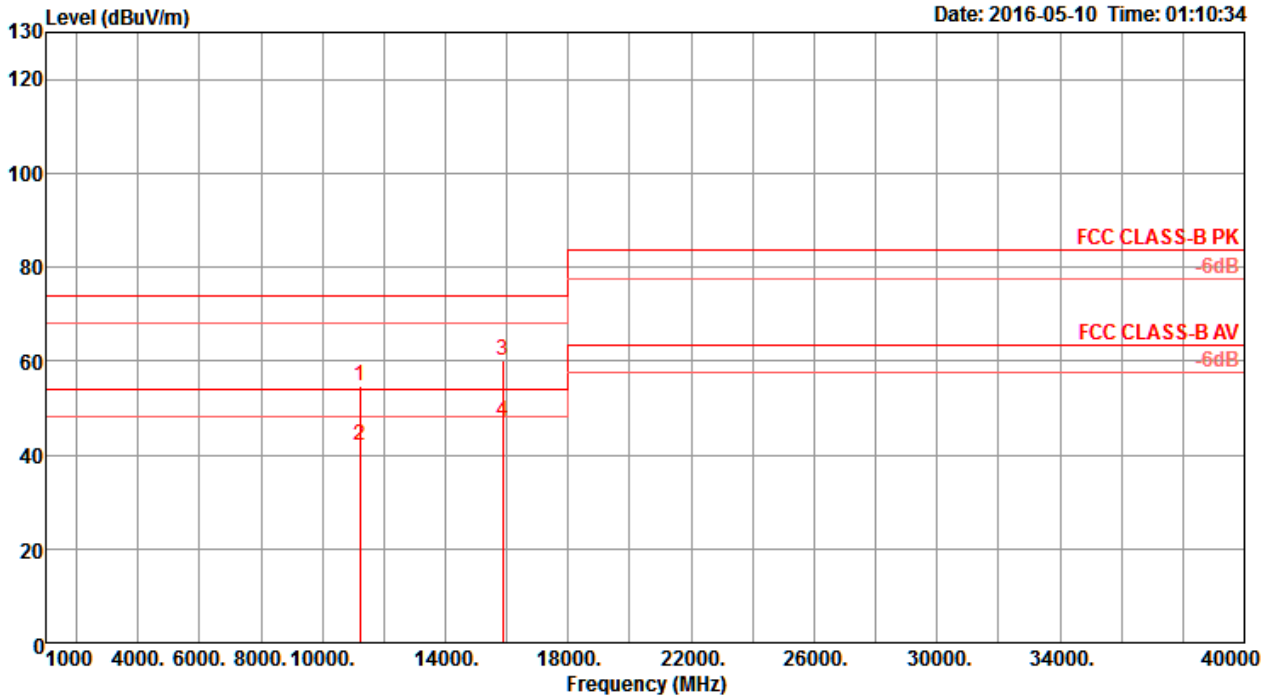
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11053.20	41.76	54.00	-12.24	28.24	9.68	38.50	34.66	66	132	Average	VERTICAL
2	11053.92	54.85	74.00	-19.15	41.33	9.68	38.50	34.66	66	132	Peak	VERTICAL
3	15876.52	60.64	74.00	-13.36	45.59	11.32	38.67	34.94	231	135	Peak	VERTICAL
4	15879.24	47.25	54.00	-6.75	32.20	11.32	38.67	34.94	231	135	Average	VERTICAL

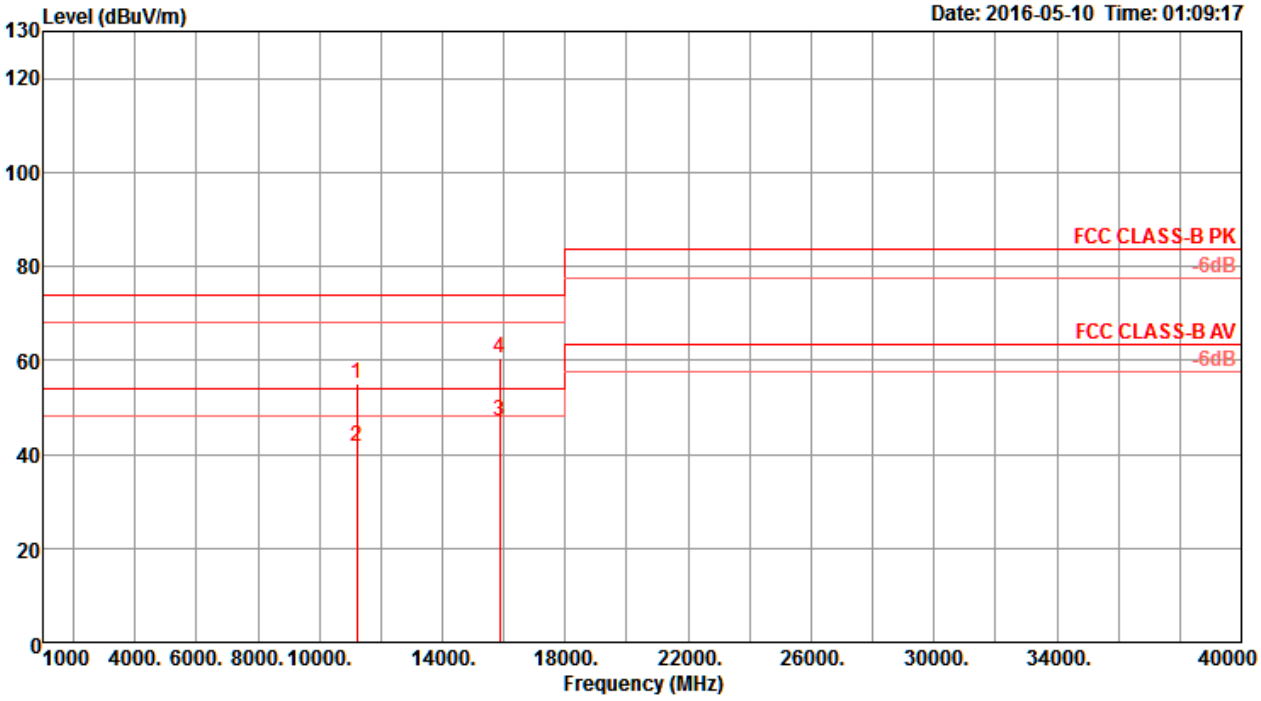
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 5 / CH 58+122 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11222.00	54.81	74.00	-19.19	41.30	9.65	38.50	34.64	249	114	Peak	HORIZONTAL
2	11223.64	41.87	54.00	-12.13	28.36	9.65	38.50	34.64	249	114	Average	HORIZONTAL
3	15874.96	60.20	74.00	-13.80	45.15	11.32	38.67	34.94	145	125	Peak	HORIZONTAL
4	15877.20	47.23	54.00	-6.77	32.18	11.32	38.67	34.94	145	125	Average	HORIZONTAL

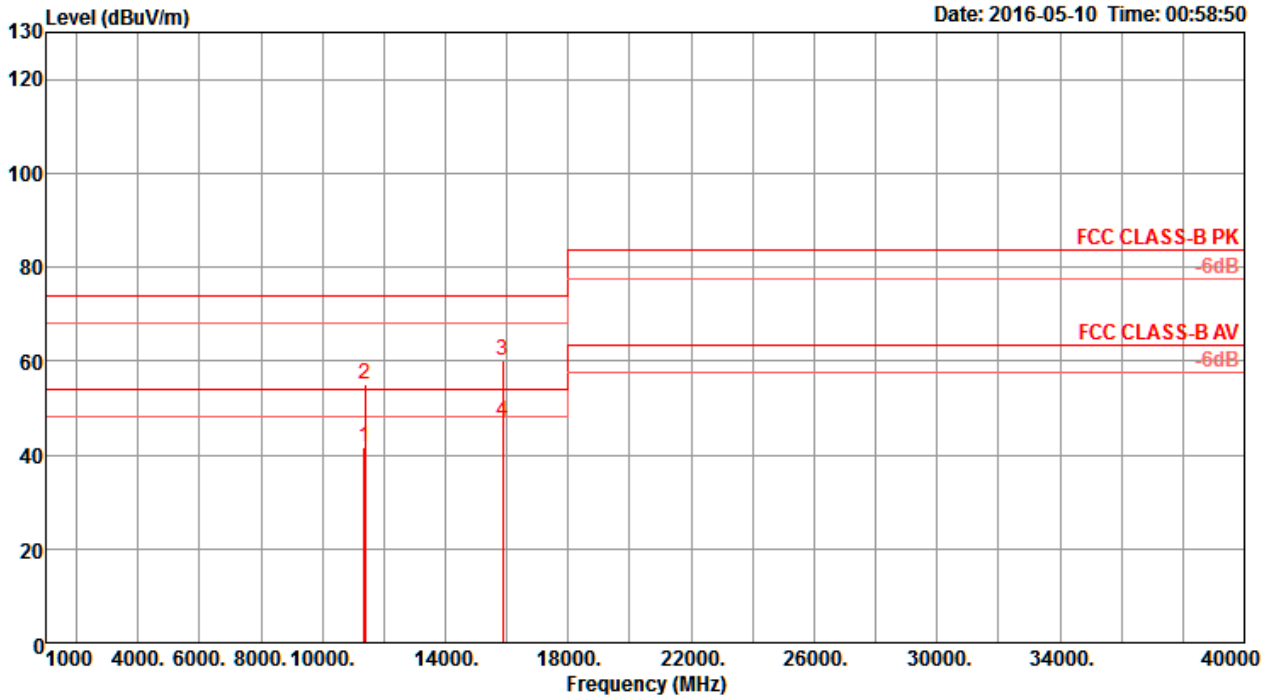
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11215.04	54.92	74.00	-19.08	41.40	9.66	38.50	34.64	345	118	Peak	VERTICAL
2	11220.40	41.75	54.00	-12.25	28.23	9.66	38.50	34.64	345	118	Average	VERTICAL
3	15869.60	47.23	54.00	-6.77	32.25	11.31	38.61	34.94	237	122	Average	VERTICAL
4	15875.56	60.49	74.00	-13.51	45.44	11.32	38.67	34.94	237	122	Peak	VERTICAL

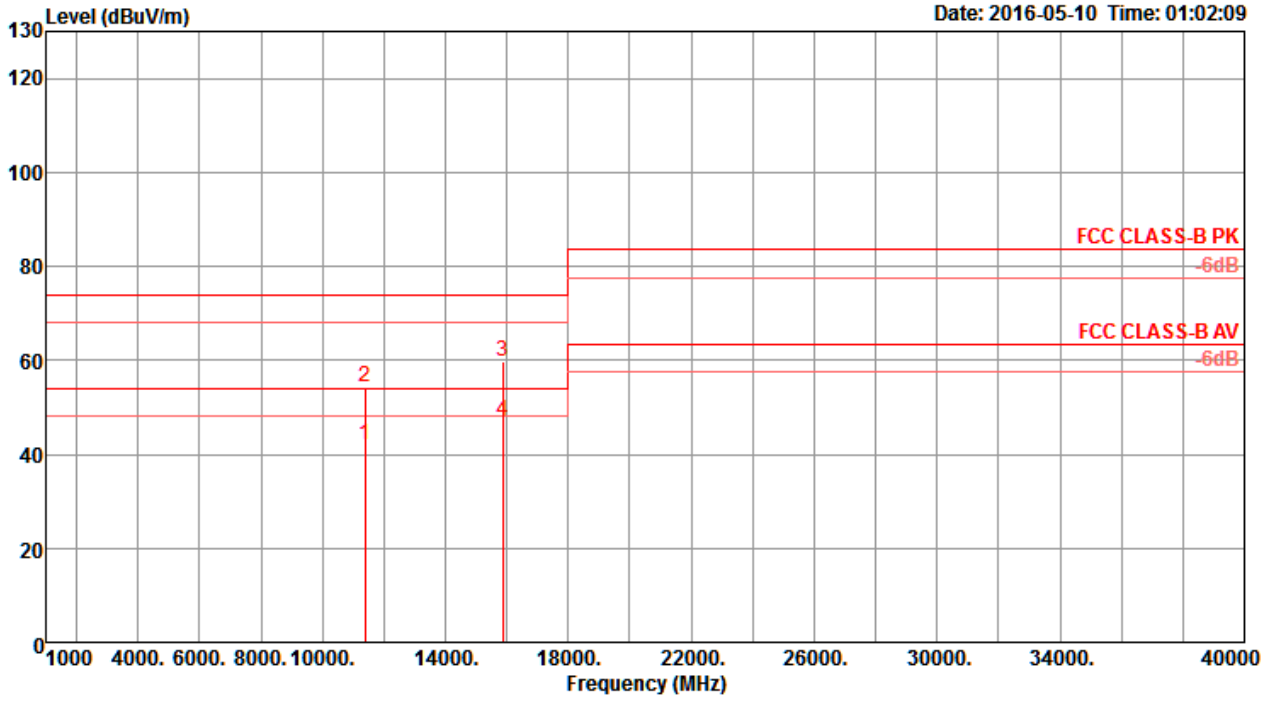
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 6 / CH 58+138 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11370.68	41.51	54.00	-12.49	28.01	9.63	38.50	34.63	167	138	Average	HORIZONTAL
2	11384.04	55.16	74.00	-18.84	41.66	9.63	38.50	34.63	167	138	Peak	HORIZONTAL
3	15870.60	60.29	74.00	-13.71	45.31	11.31	38.61	34.94	312	115	Peak	HORIZONTAL
4	15876.64	47.25	54.00	-6.75	32.20	11.32	38.67	34.94	312	115	Average	HORIZONTAL

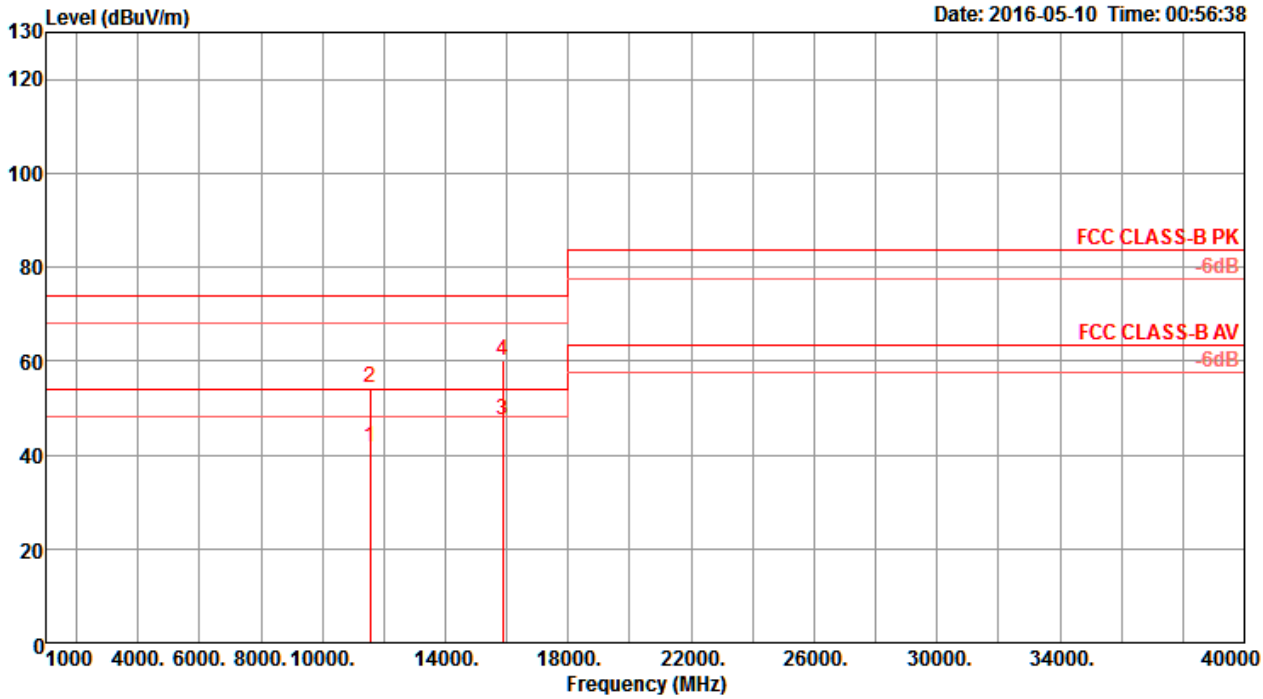
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11377.36	42.01	54.00	-11.99	28.51	9.63	38.50	34.63	312	115	Average	VERTICAL
2	11381.76	54.46	74.00	-19.54	40.96	9.63	38.50	34.63	312	115	Peak	VERTICAL
3	15869.52	59.89	74.00	-14.11	44.91	11.31	38.61	34.94	312	115	Peak	VERTICAL
4	15877.68	47.25	54.00	-6.75	32.20	11.32	38.67	34.94	312	115	Average	VERTICAL

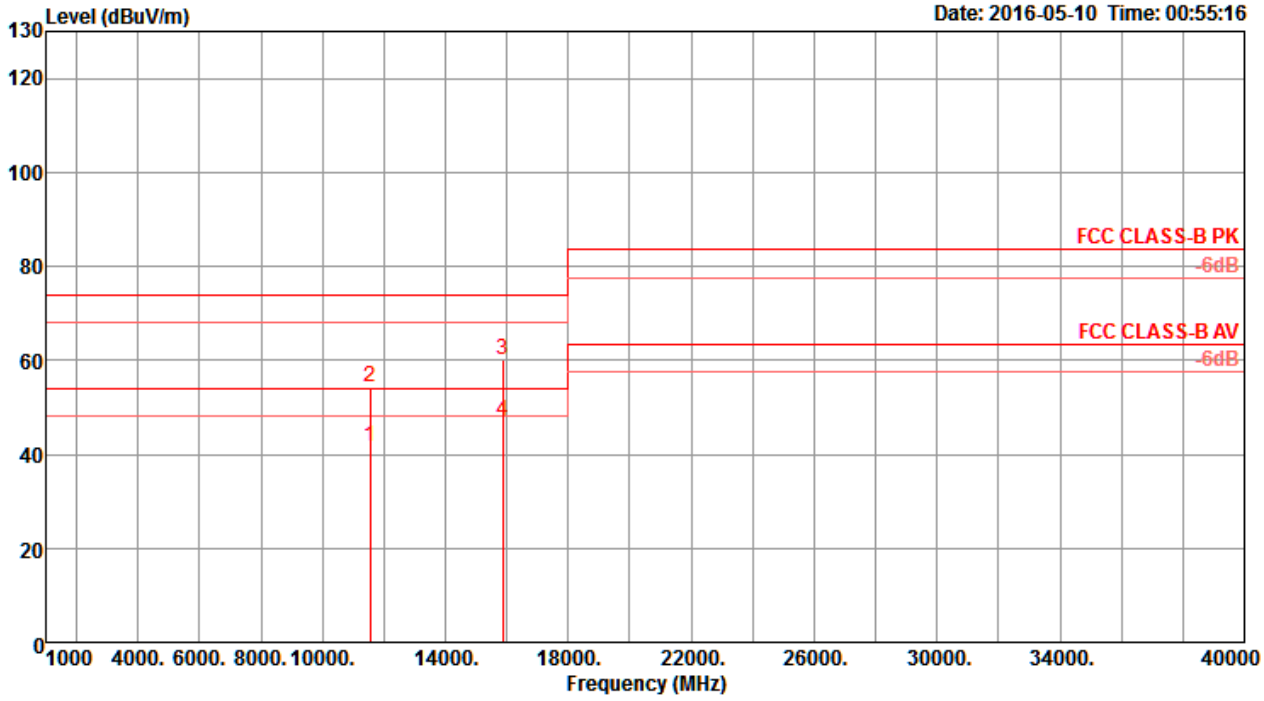
Temperature	22°C	Humidity	56%
Test Engineer	Peter Wu & Gary Chu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 7 / CH 58+155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Mode	Mode 1		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11540.56	41.58	54.00	-12.42	28.09	9.61	38.51	34.63	262	112	Average	HORIZONTAL
2	11556.12	54.32	74.00	-19.68	40.83	9.61	38.53	34.65	262	112	Peak	HORIZONTAL
3	15876.88	47.27	54.00	-6.73	32.22	11.32	38.67	34.94	224	116	Average	HORIZONTAL
4	15878.16	60.13	74.00	-13.87	45.08	11.32	38.67	34.94	224	116	Peak	HORIZONTAL

Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11542.44	41.67	54.00	-12.33	28.18	9.61	38.51	34.63	116	110	Average	VERTICAL
2	11553.52	54.26	74.00	-19.74	40.77	9.61	38.53	34.65	116	110	Peak	VERTICAL
3	15876.08	60.29	74.00	-13.71	45.24	11.32	38.67	34.94	312	115	Peak	VERTICAL
4	15876.88	47.20	54.00	-6.80	32.15	11.32	38.67	34.94	312	115	Average	VERTICAL