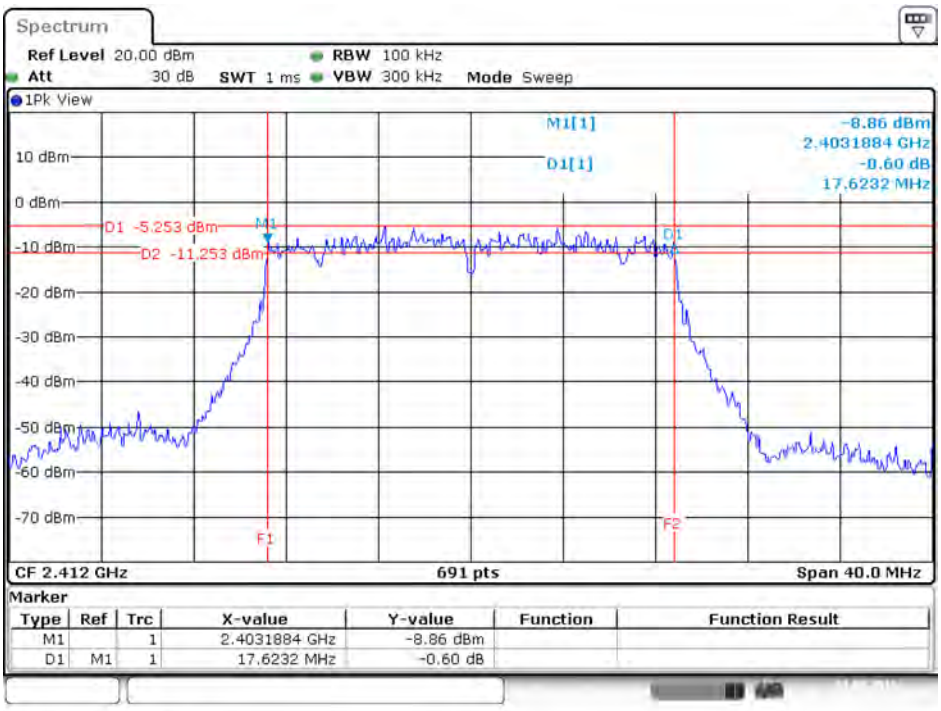
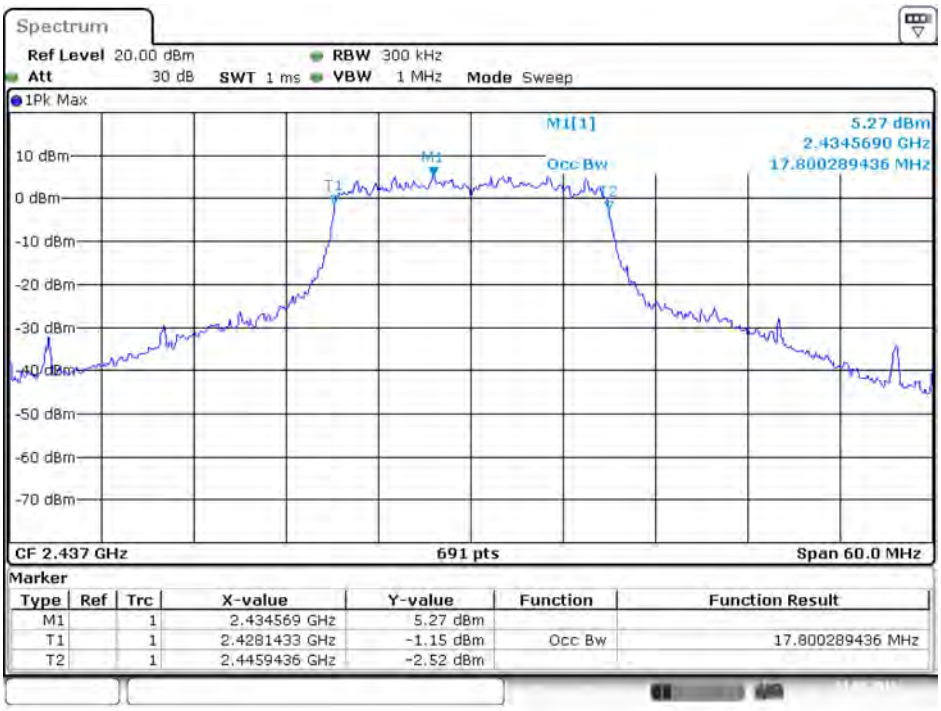
## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 3



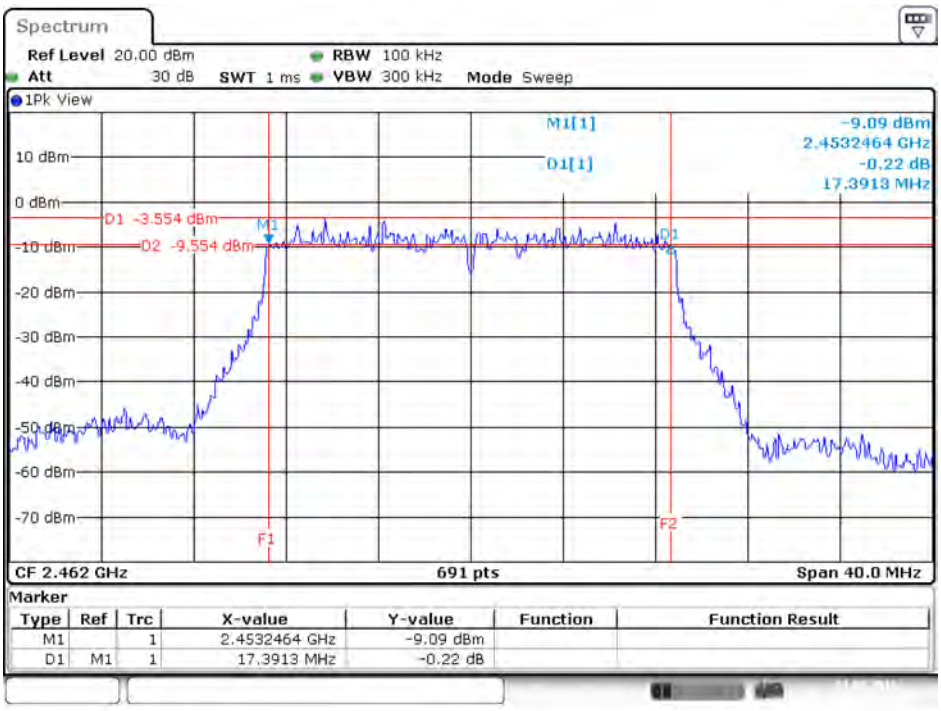

Date: 21.MAY.2016 19:35:22

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2437 MHz / Chain 3



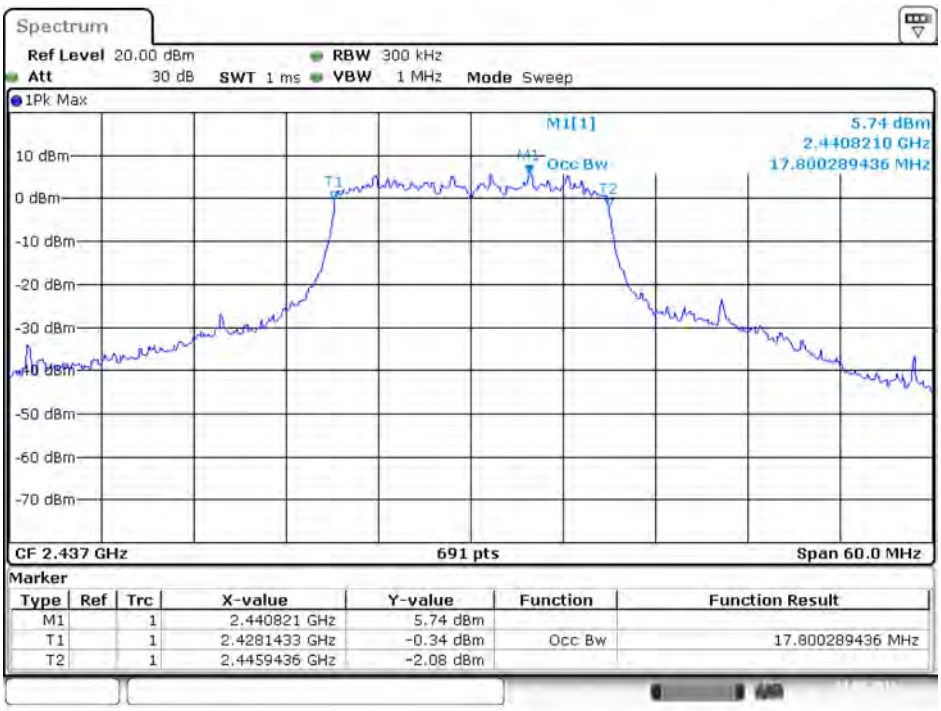

Date: 21.MAY.2016 16:41:46

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 4



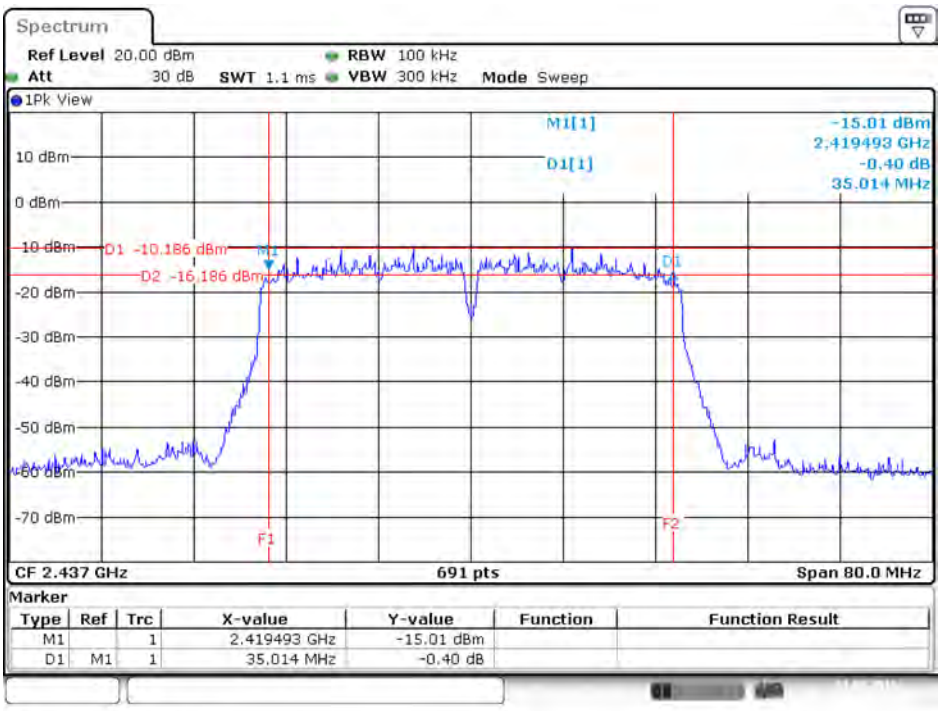

Date: 21.MAY.2016 19:48:13

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2437 MHz / Chain 4



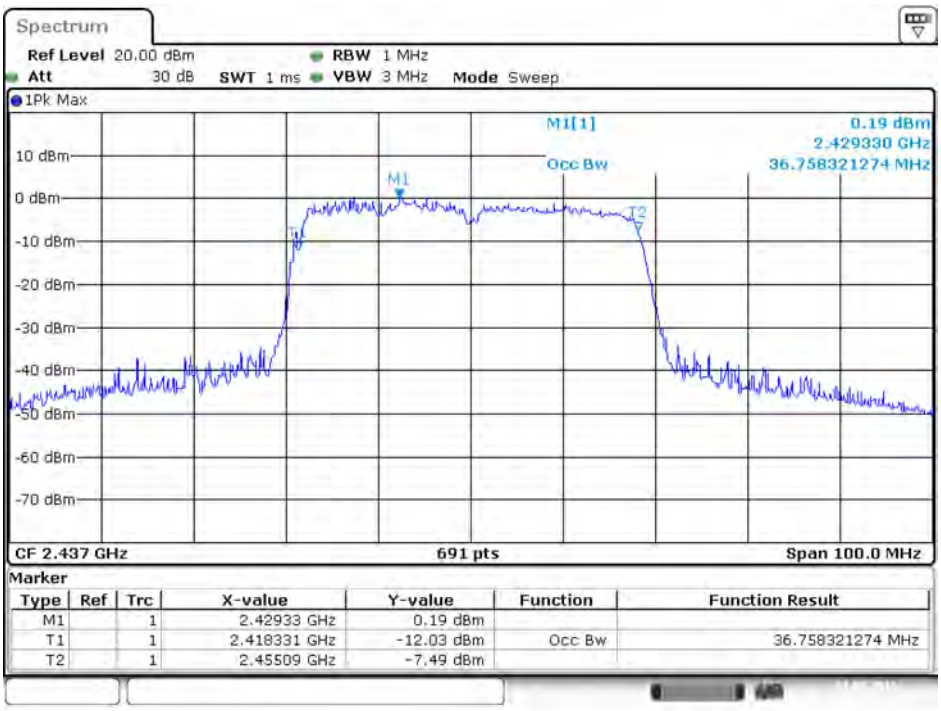

Date: 21.MAY.2016 16:42:00

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 1



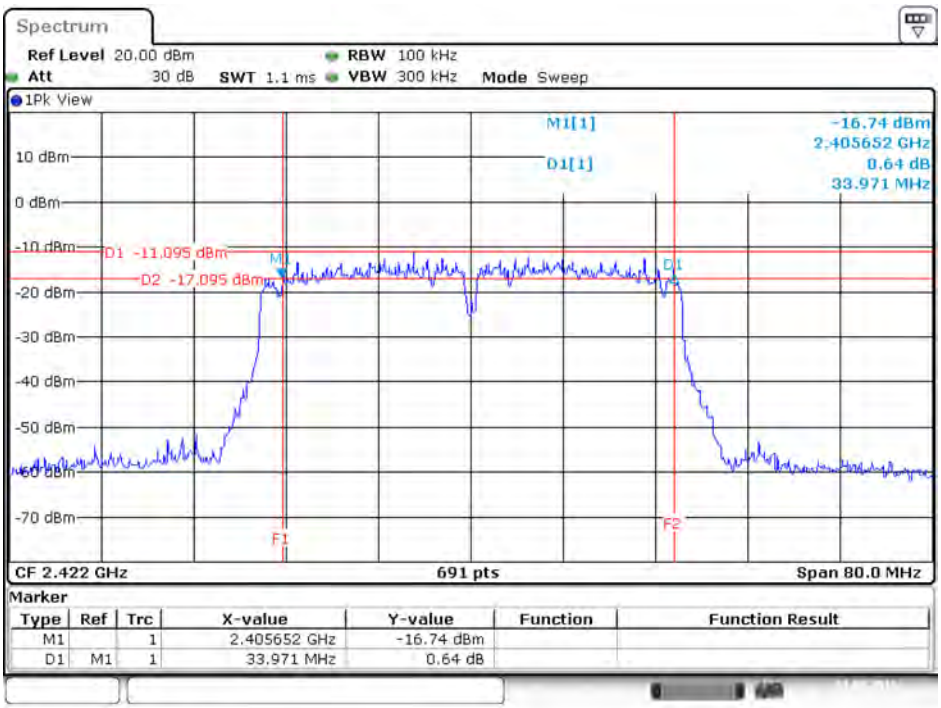

Date: 21.MAY.2016 20:00:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 1



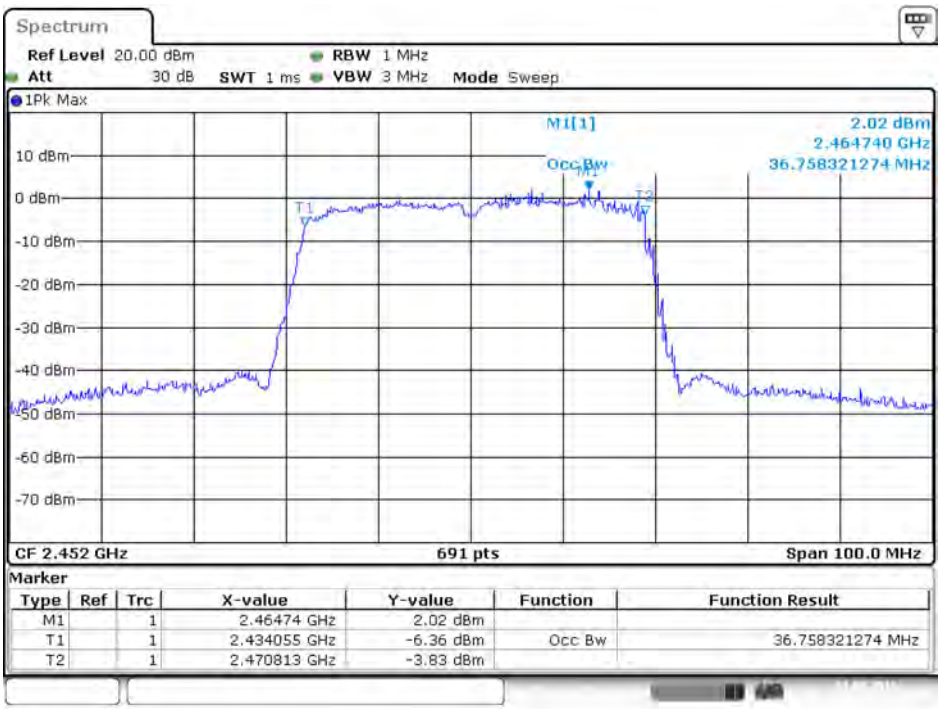

Date: 21.MAY.2016 13:40:14

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 2



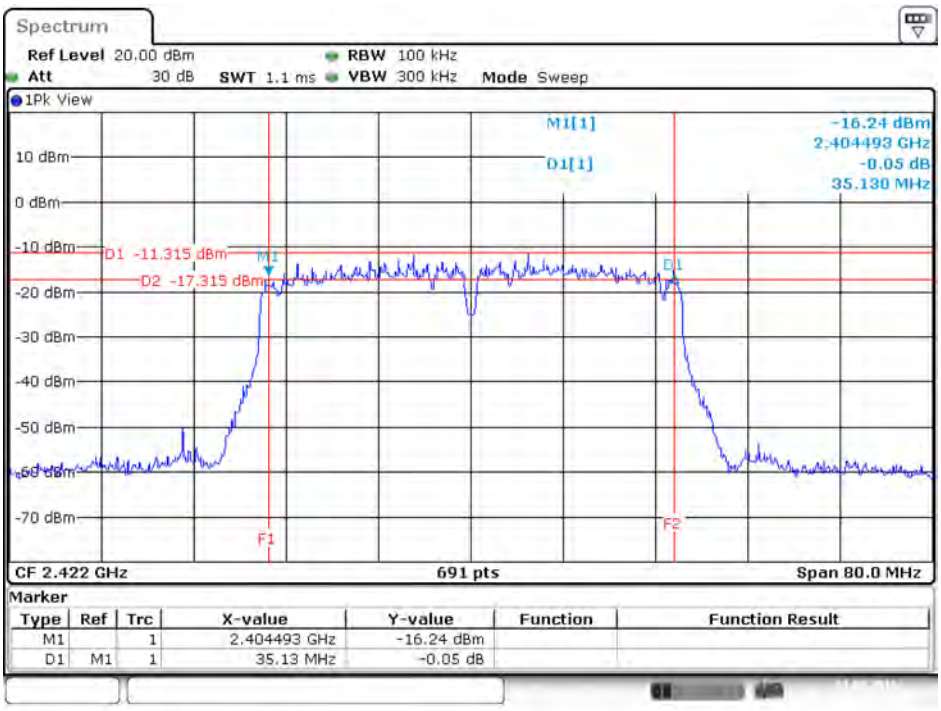

Date: 21.MAY.2016 19:55:59

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2452 MHz / Chain 2



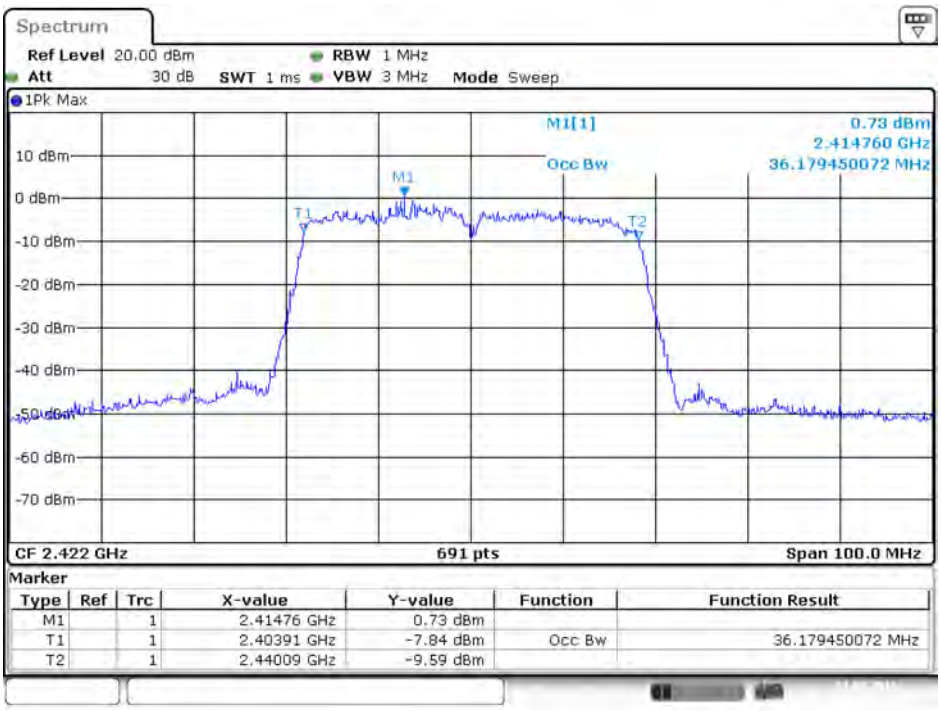

Date: 21.MAY.2016 13:36:55

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 3



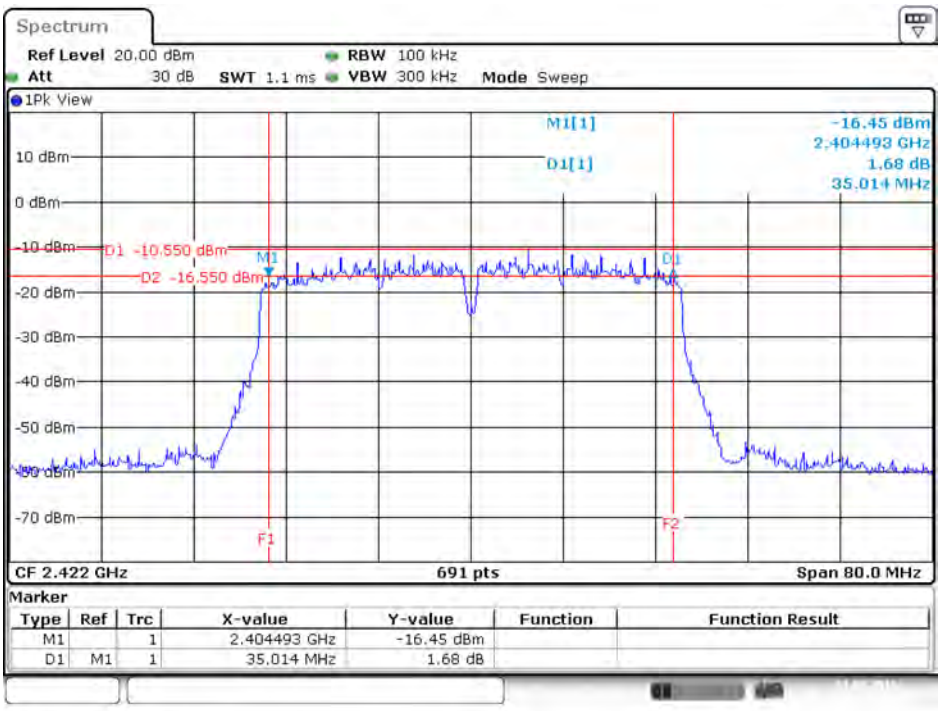

Date: 21.MAY.2016 19:55:36

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 3



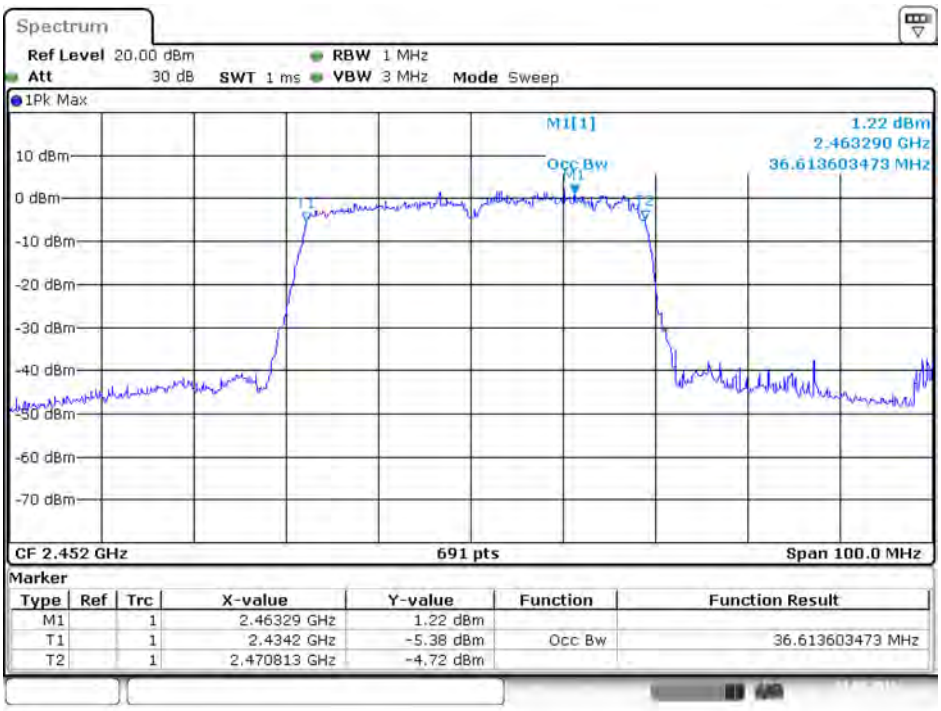

Date: 21.MAY.2016 13:43:43

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 4



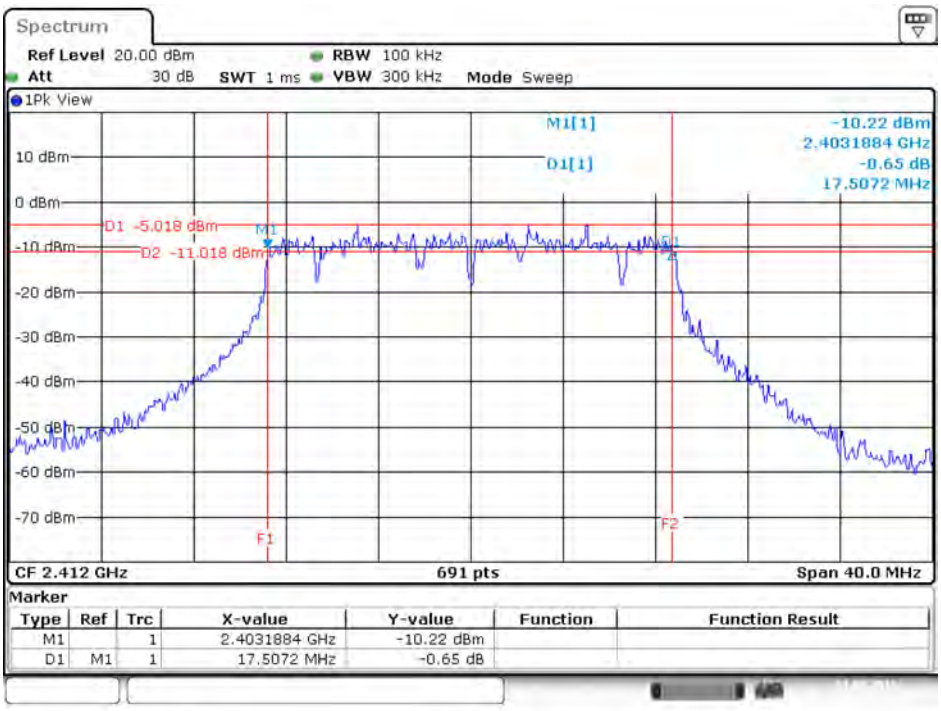

Date: 21.MAY.2016 19:55:08

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2452 MHz / Chain 4



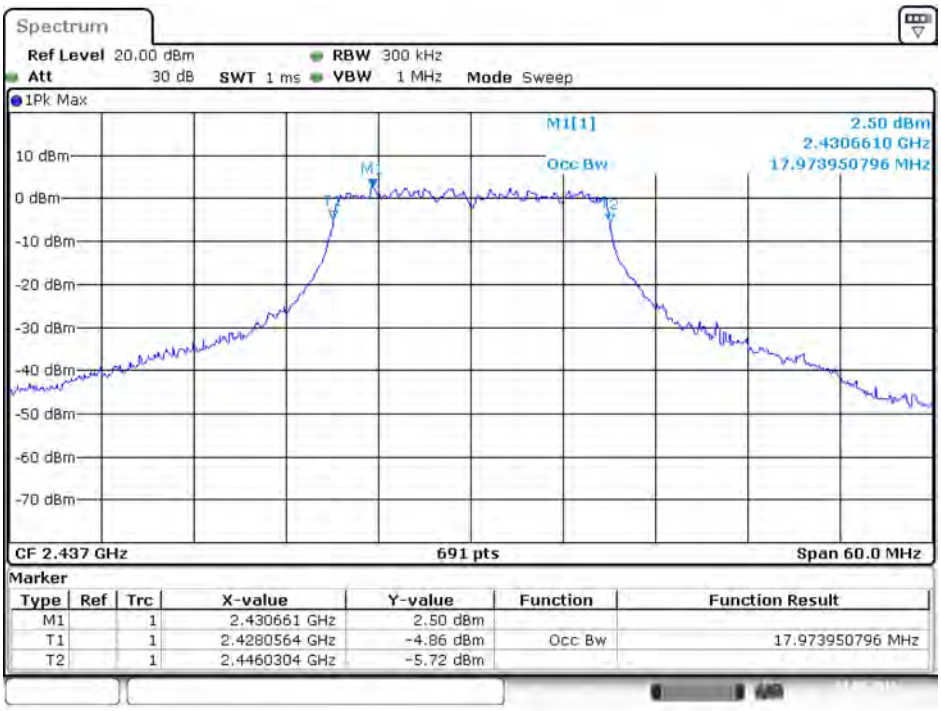

Date: 21.MAY.2016 13:36:22

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2412 MHz / Chain 1



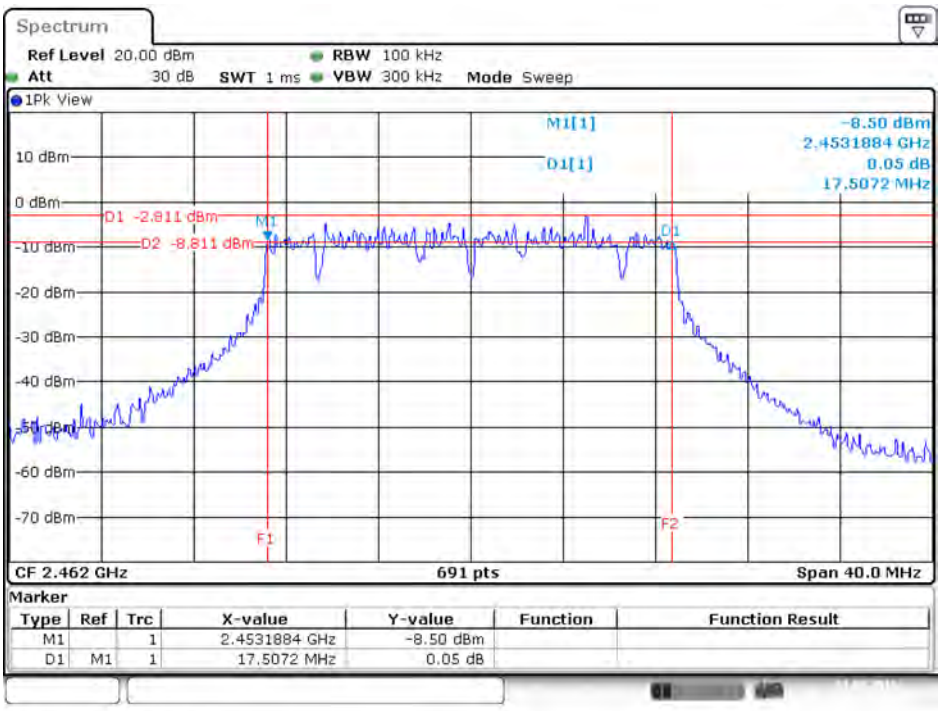

Date: 21.MAY.2016 20:26:39

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 1



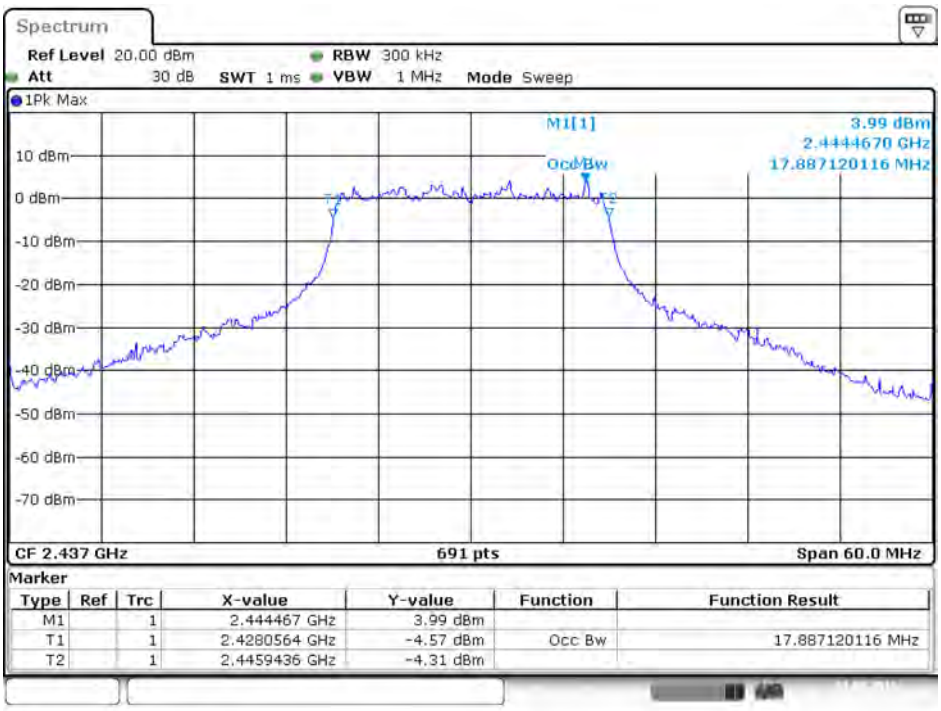

Date: 21.MAY.2016 17:24:49

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2462 MHz / Chain 2



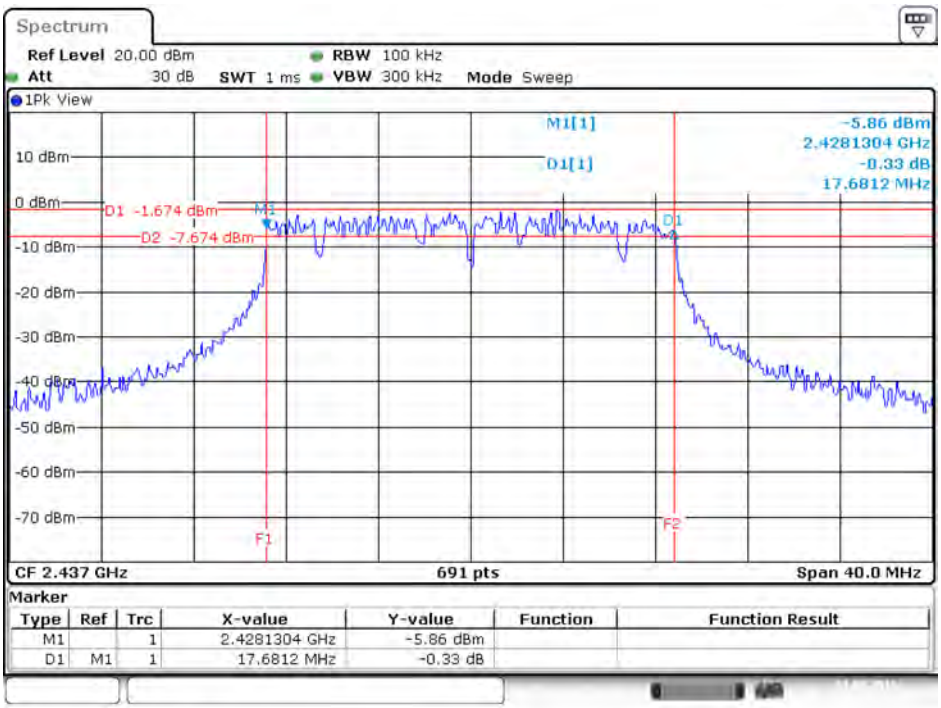

Date: 21.MAY.2016 20:38:07

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 2



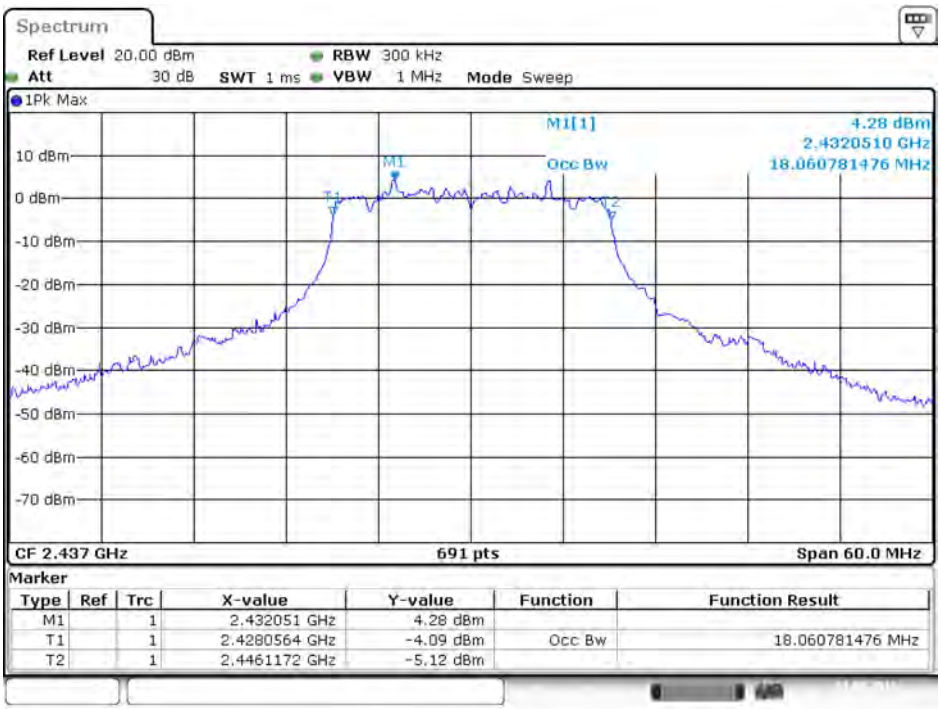

Date: 21.MAY.2016 17:25:04

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 3



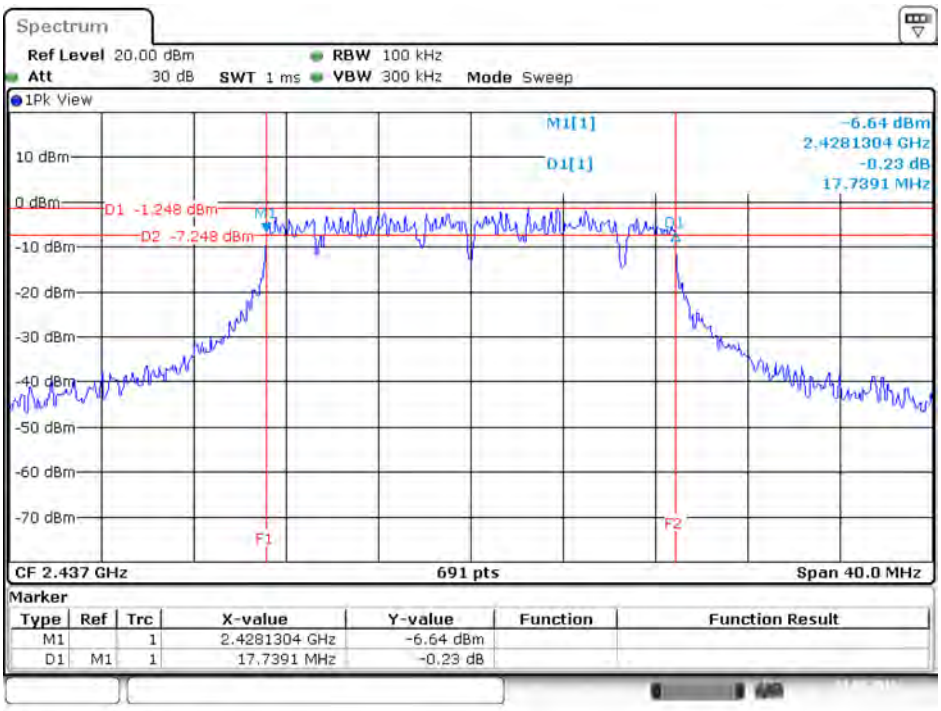

Date: 21.MAY.2016 20:34:02

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 3



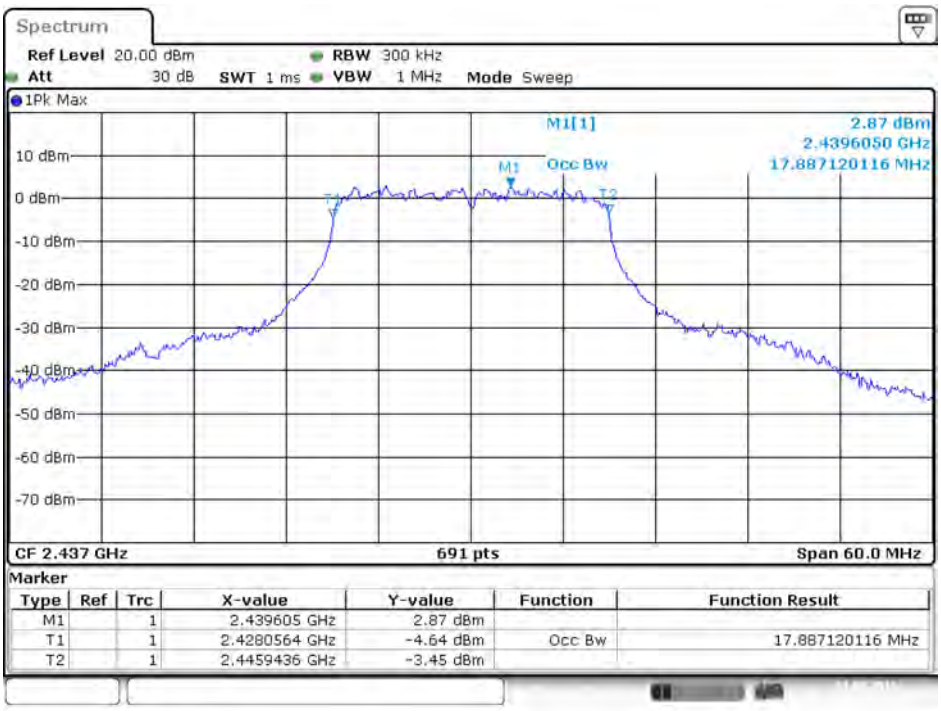

Date: 21.MAY.2016 17:25:19

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 4



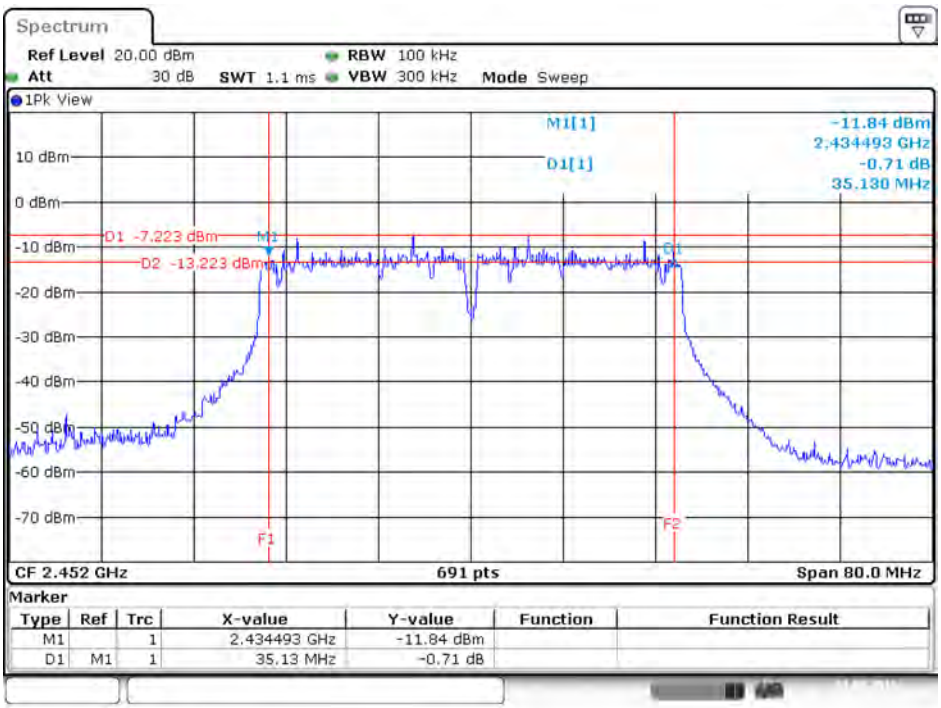

Date: 21.MAY.2016 20:34:15

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 4



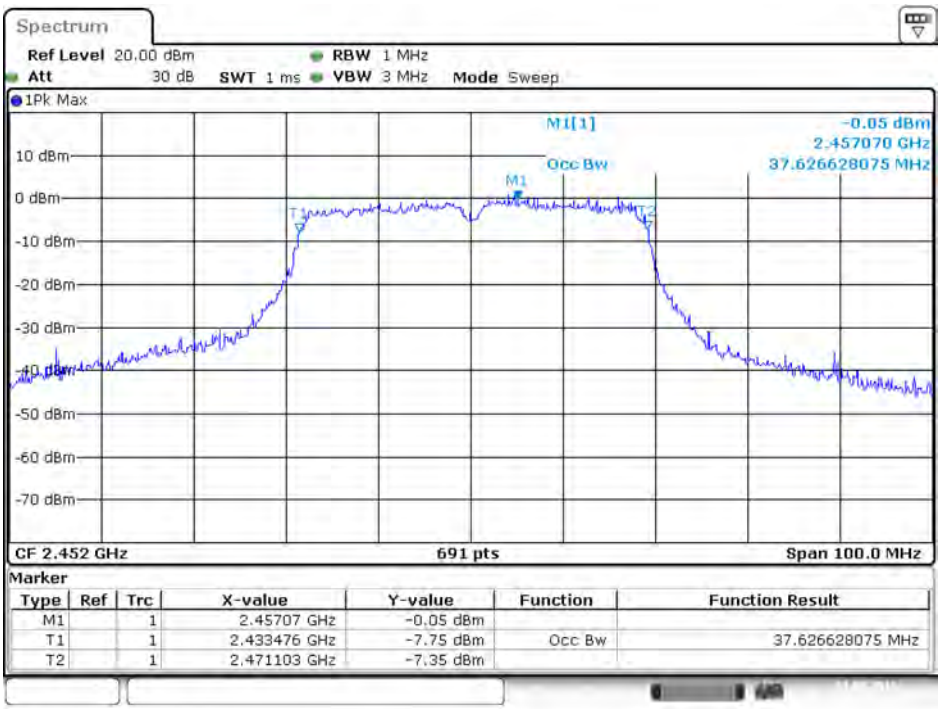

Date: 21.MAY.2016 17:25:37

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 1



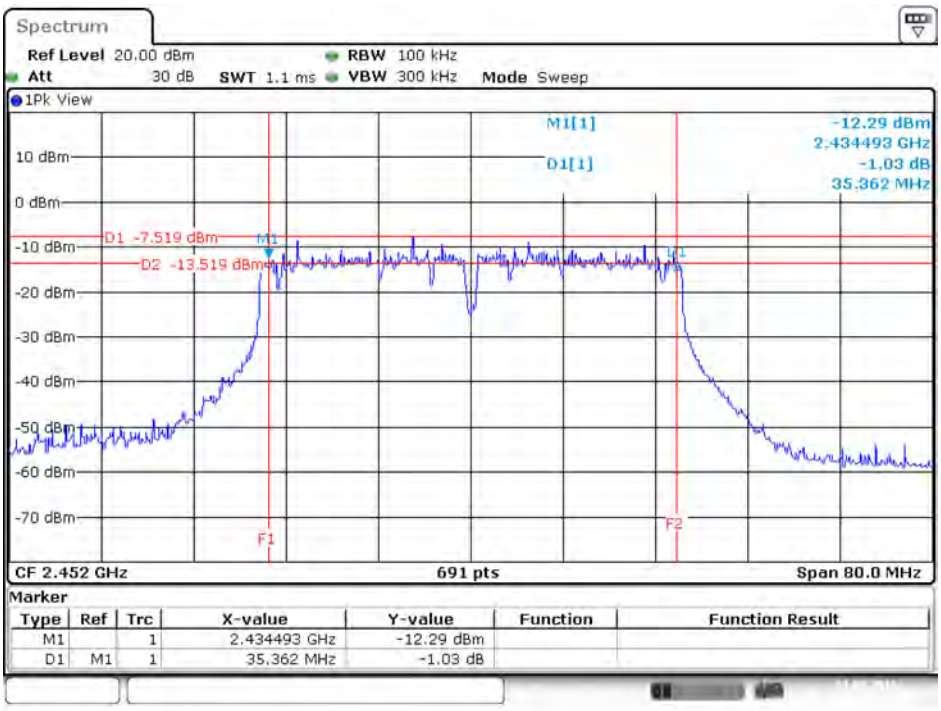

Date: 21.MAY.2016 20:56:30

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 1



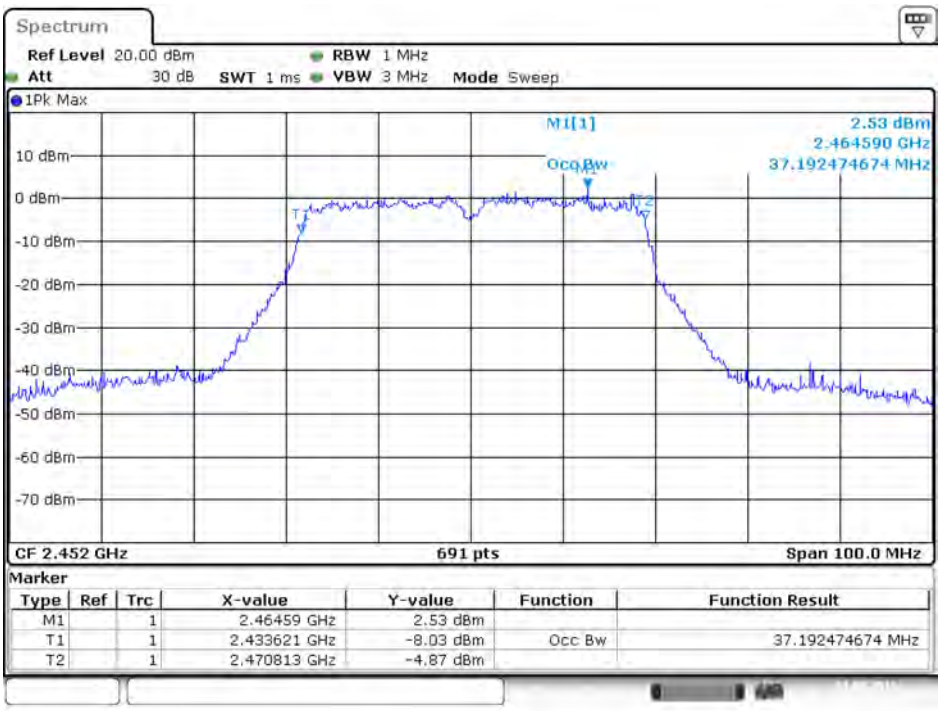

Date: 21.MAY.2016 13:13:47

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 2



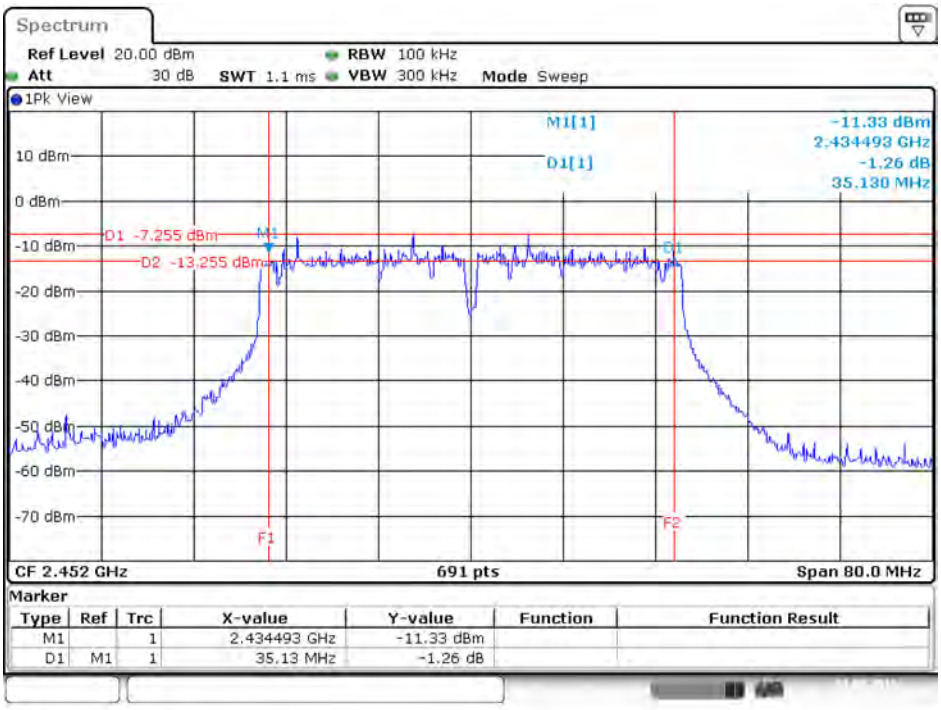

Date: 21.MAY.2016 20:56:43

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 2



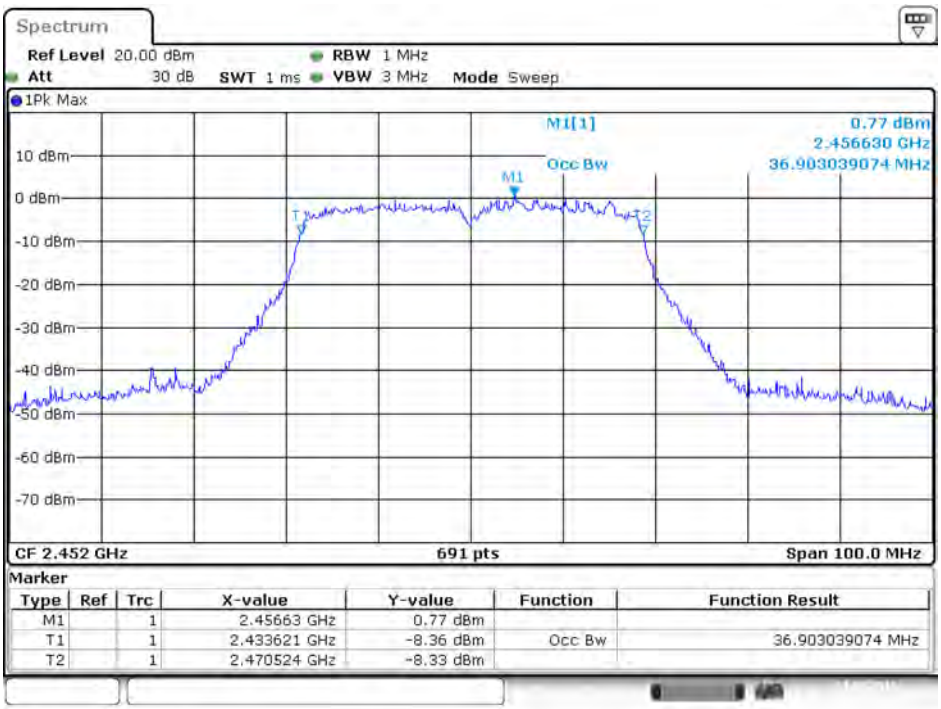

Date: 21.MAY.2016 13:13:31

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 3



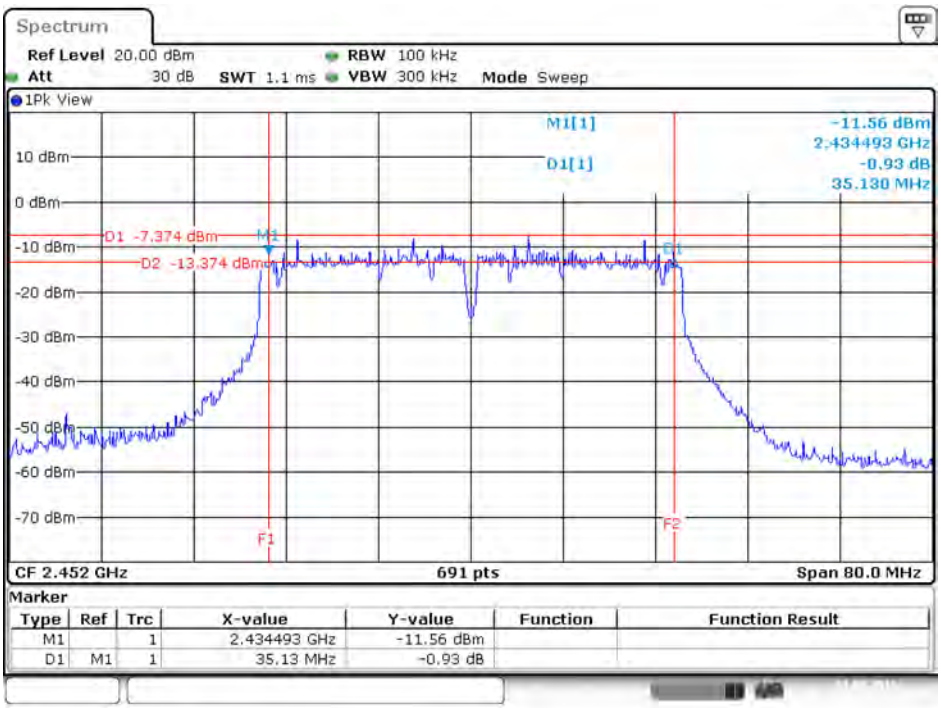

Date: 21.MAY.2016 20:56:55

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 3



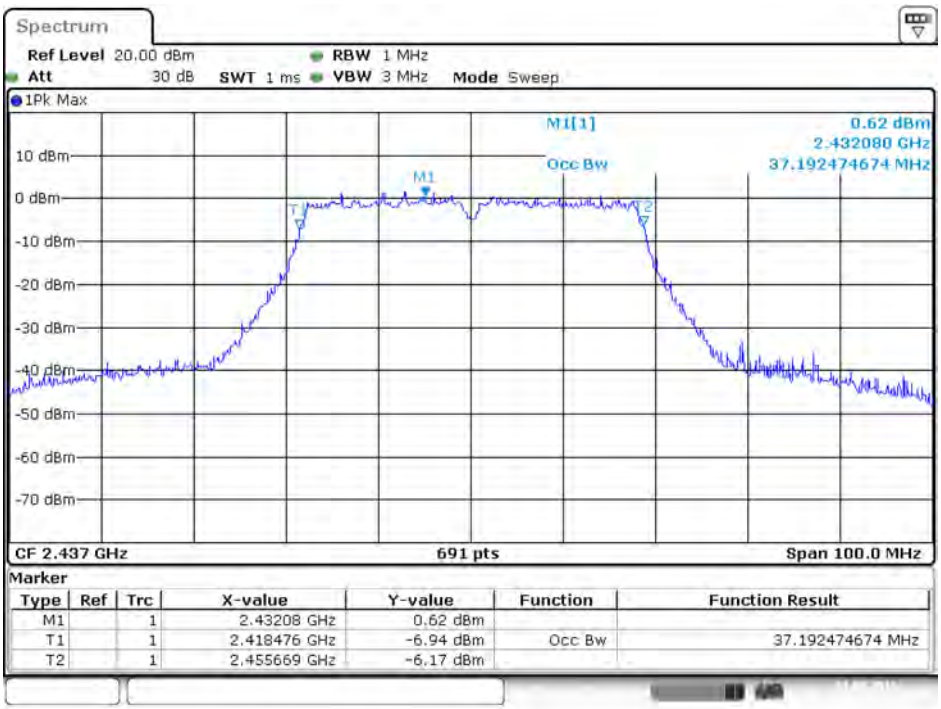

Date: 21.MAY.2016 13:13:11

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 4




Date: 21.MAY.2016 20:57:09

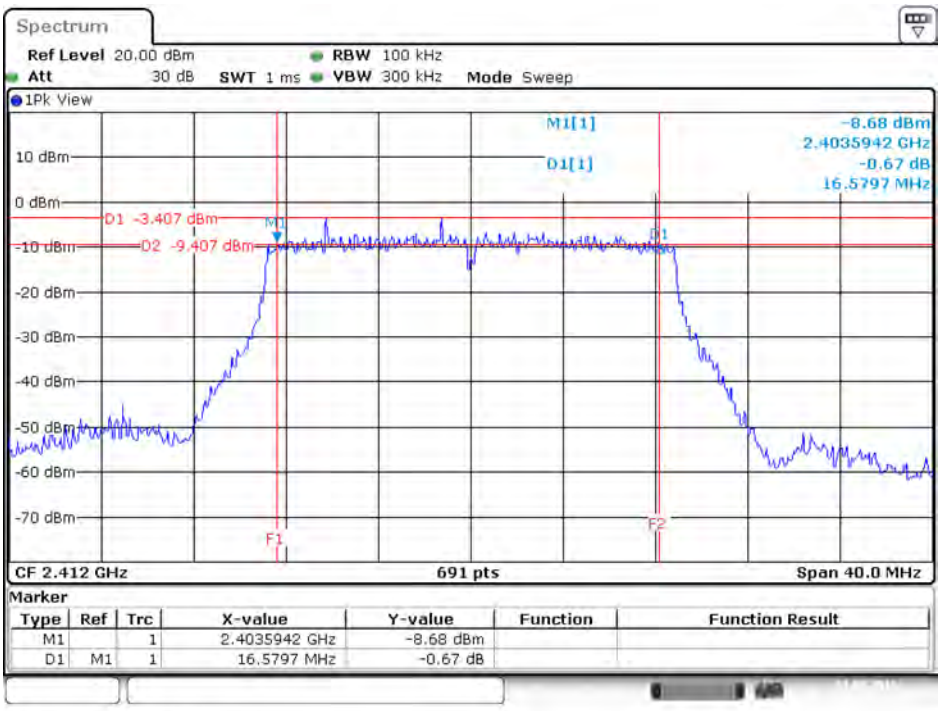
## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 4




Date: 21.MAY.2016 13:11:24

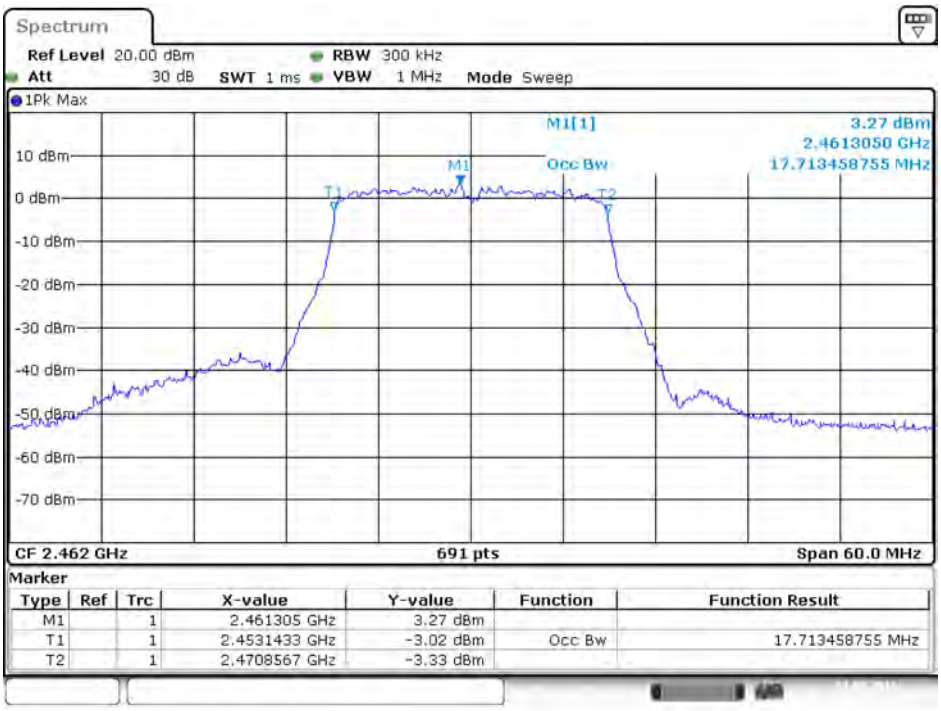
**For Mode 3:**

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2412 MHz / Chain 1**



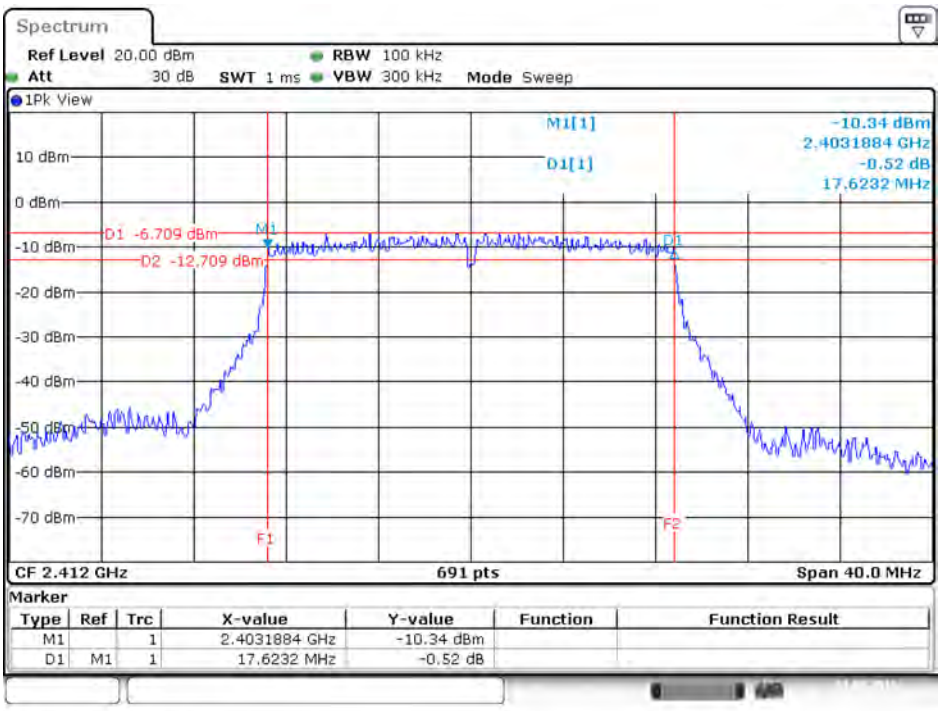

Date: 21.MAY.2016 18:30:13

**99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 1**



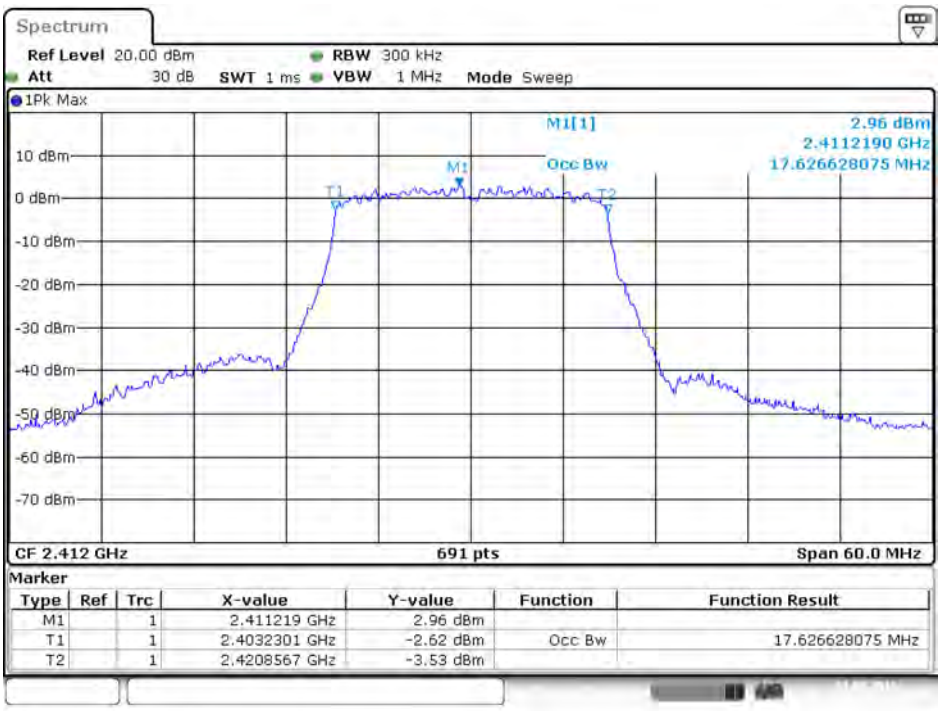

Date: 21.MAY.2016 16:10:44

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2412 MHz / Chain 2



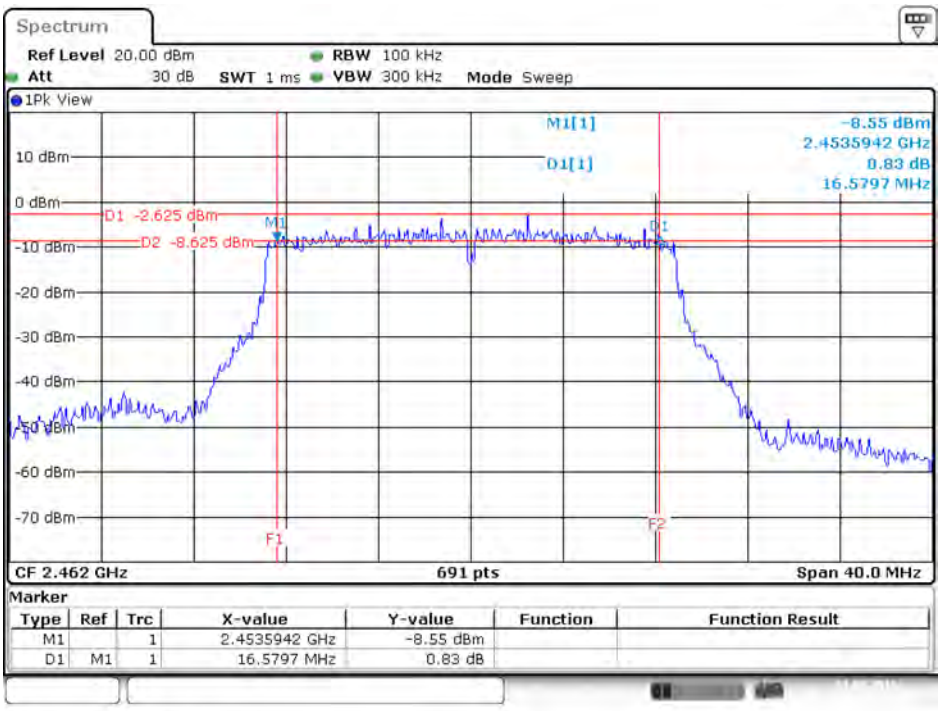

Date: 21.MAY.2016 18:29:59

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2412 MHz / Chain 2



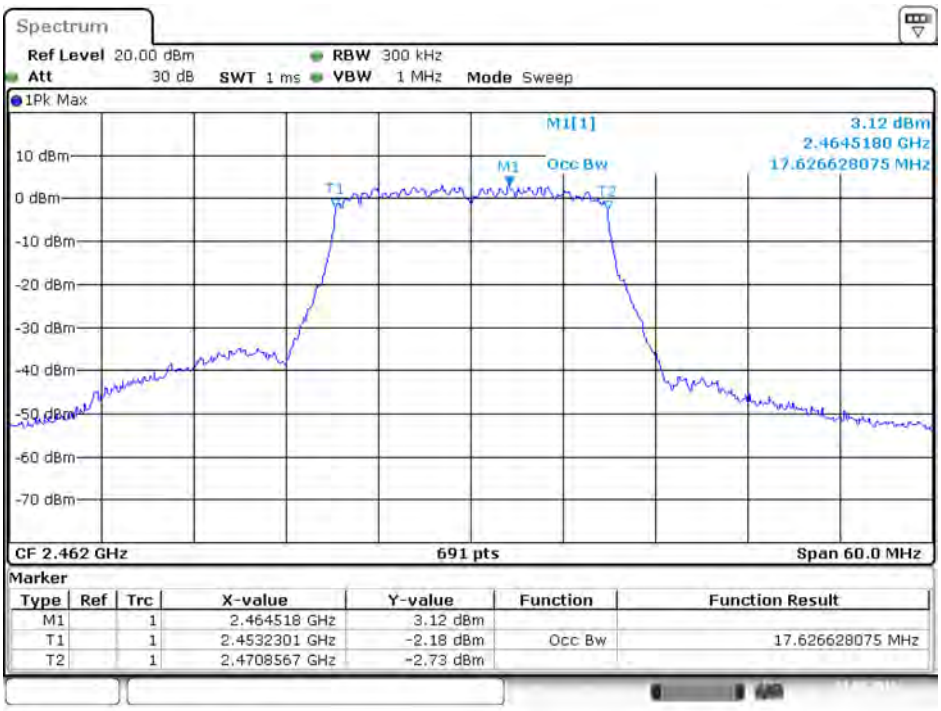

Date: 21.MAY.2016 16:07:40

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 3



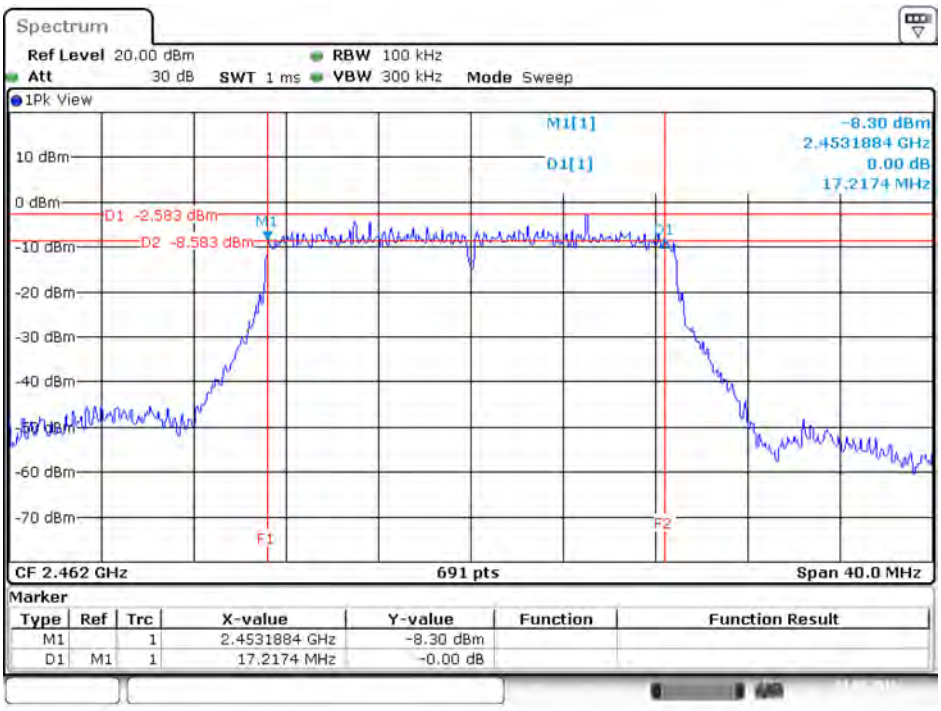

Date: 21.MAY.2016 18:55:23

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 3



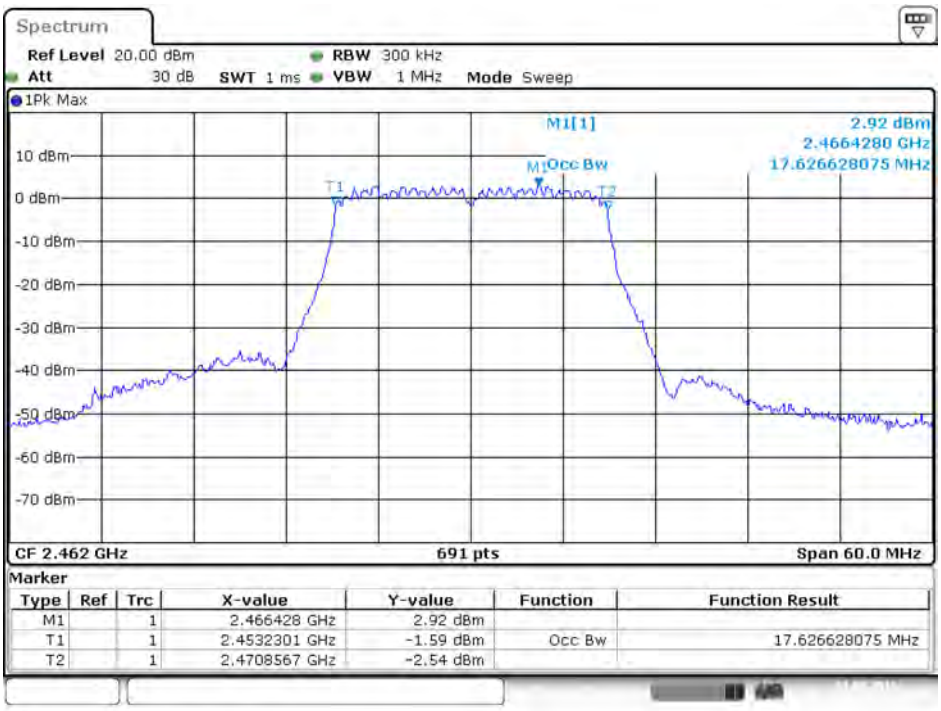

Date: 21.MAY.2016 16:11.13

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 4



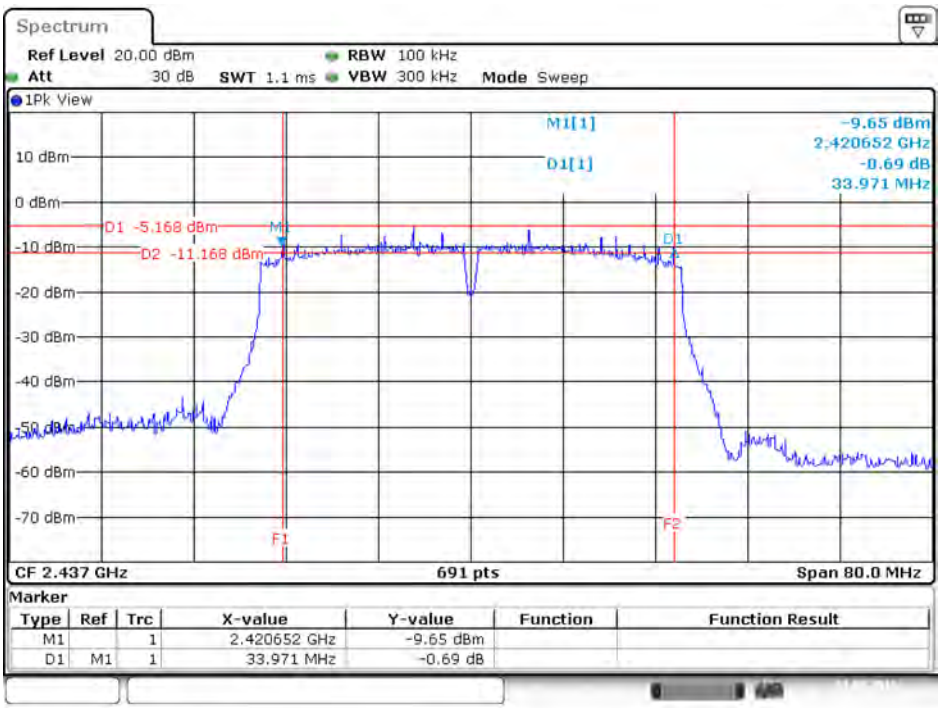

Date: 21.MAY.2016 18:54:39

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 4



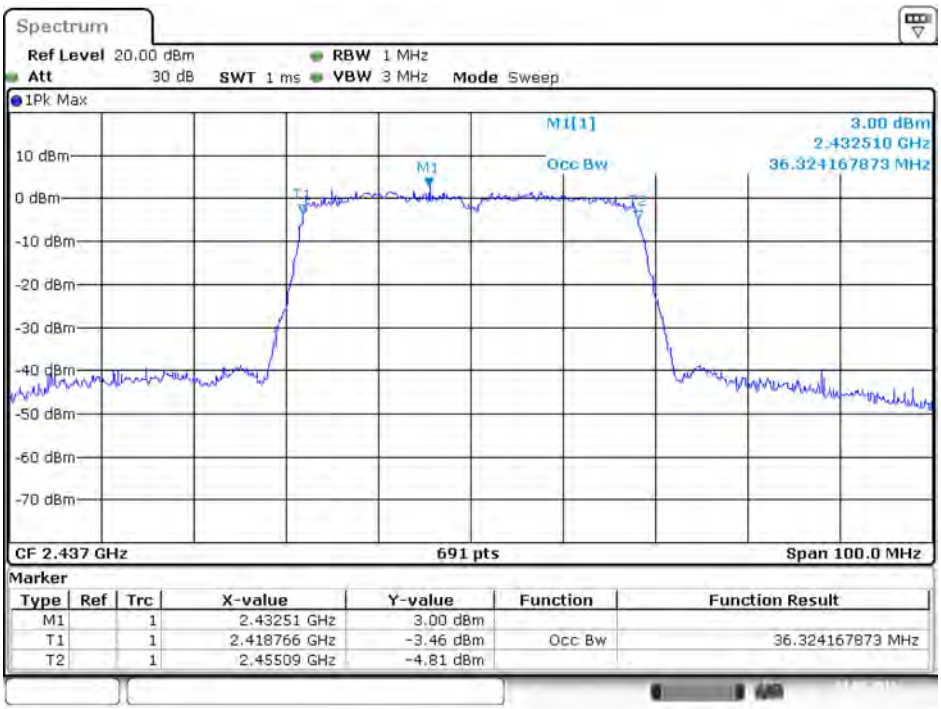

Date: 21.MAY.2016 16:11:26

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 1



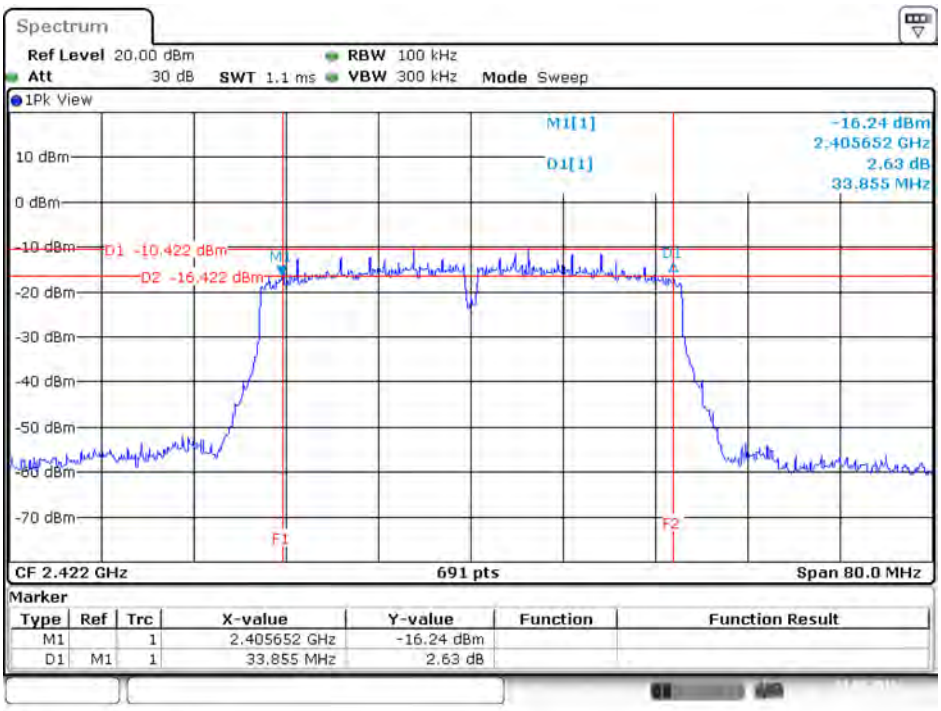

Date: 21.MAY.2016 19:22:49

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 1



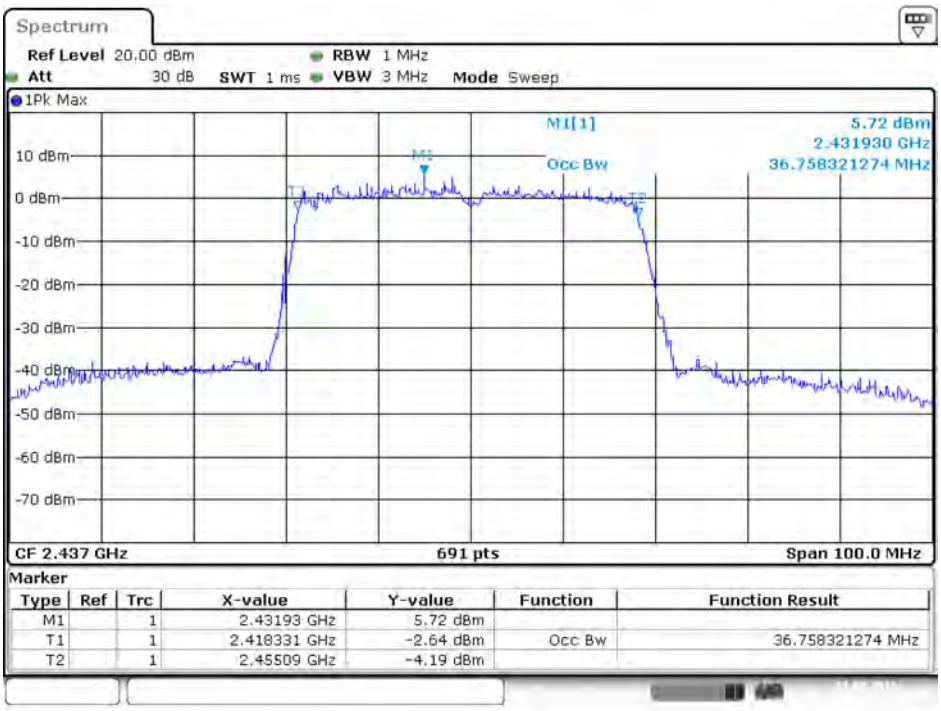

Date: 21.MAY.2016 15:14:38

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2422 MHz / Chain 2



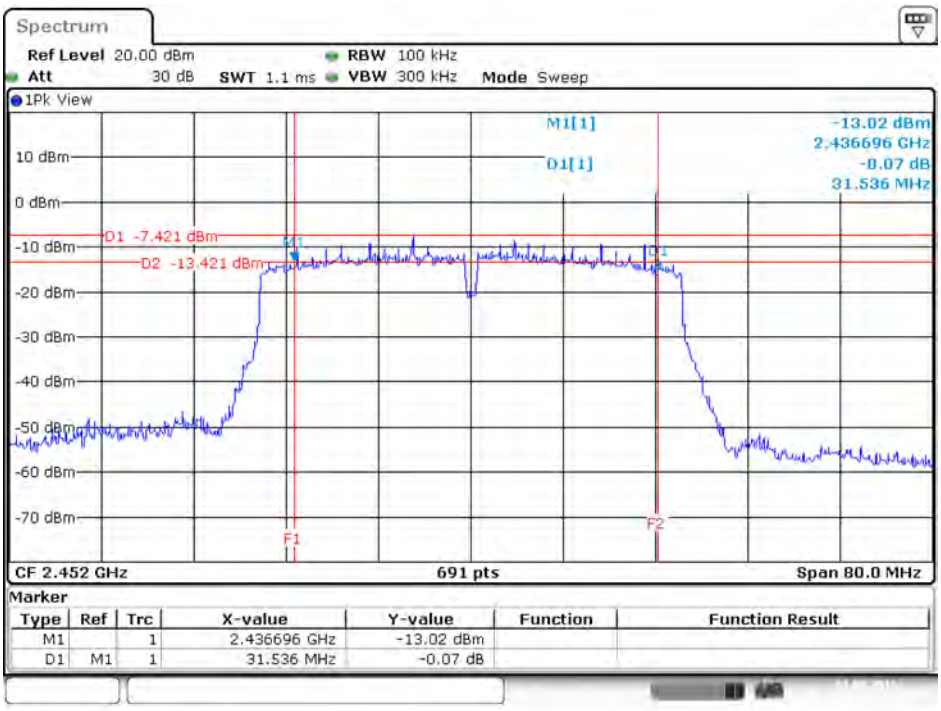

Date: 21.MAY.2016 19:01:02

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 2



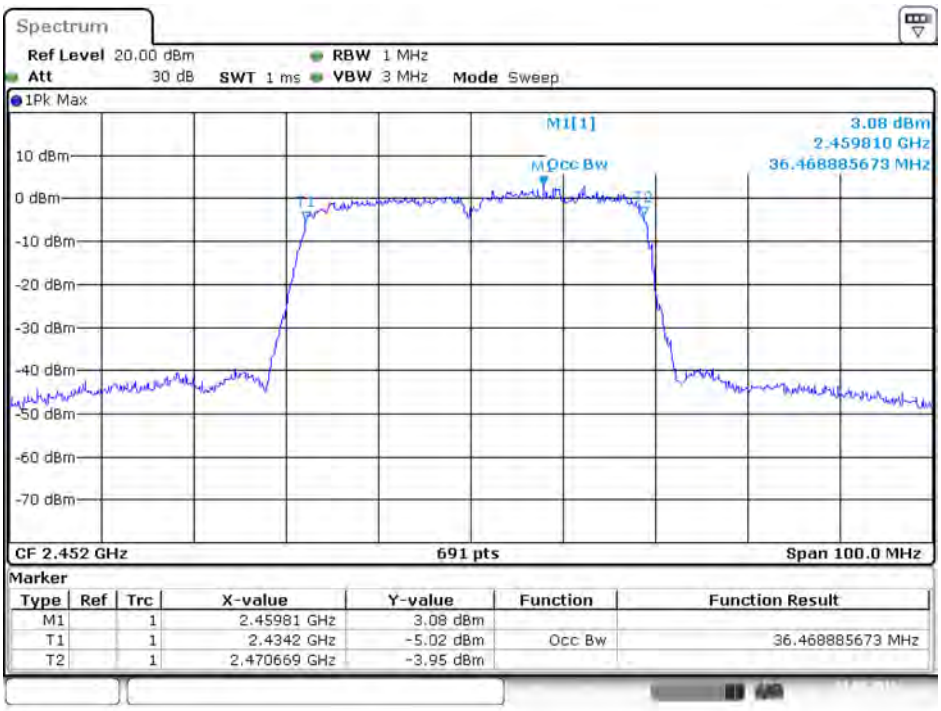

Date: 21.MAY.2016 15:14:23

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 3



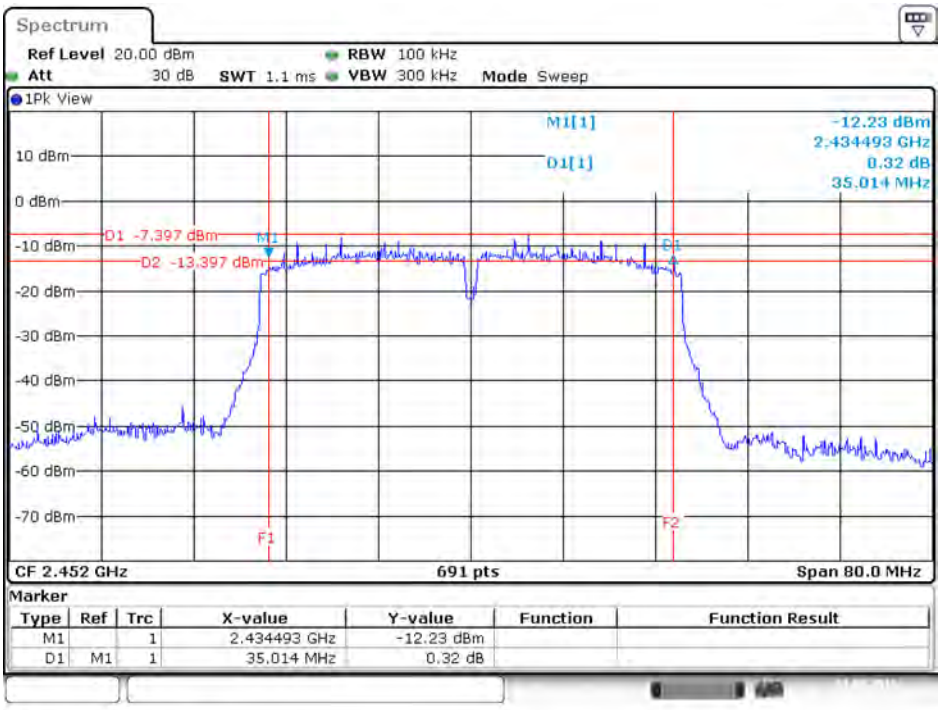

Date: 21.MAY.2016 19:27:15

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 3



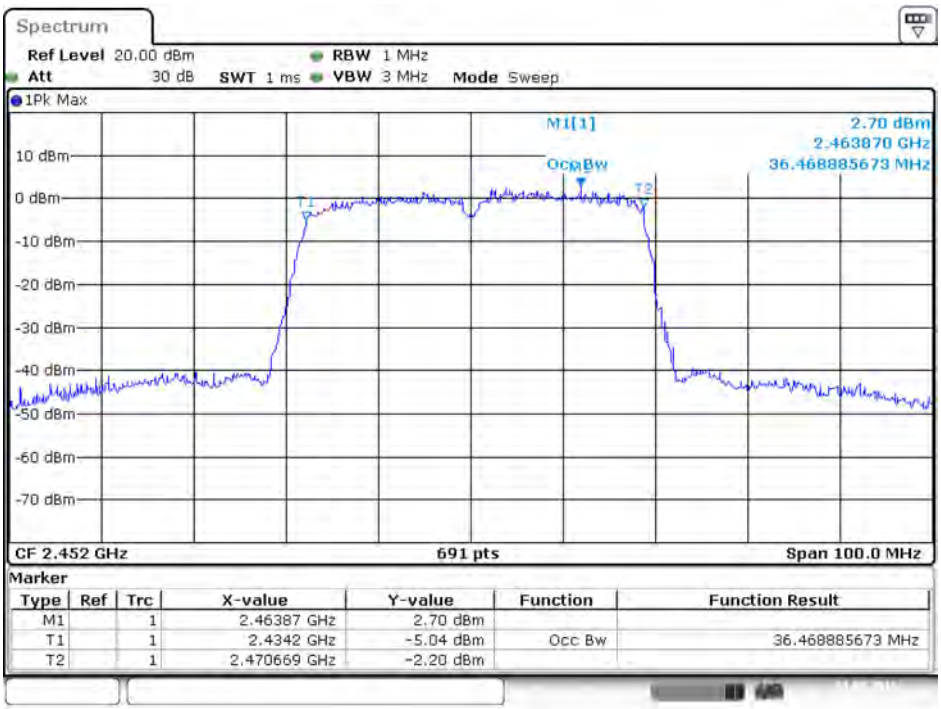

Date: 21.MAY.2016 15:16:26

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 4



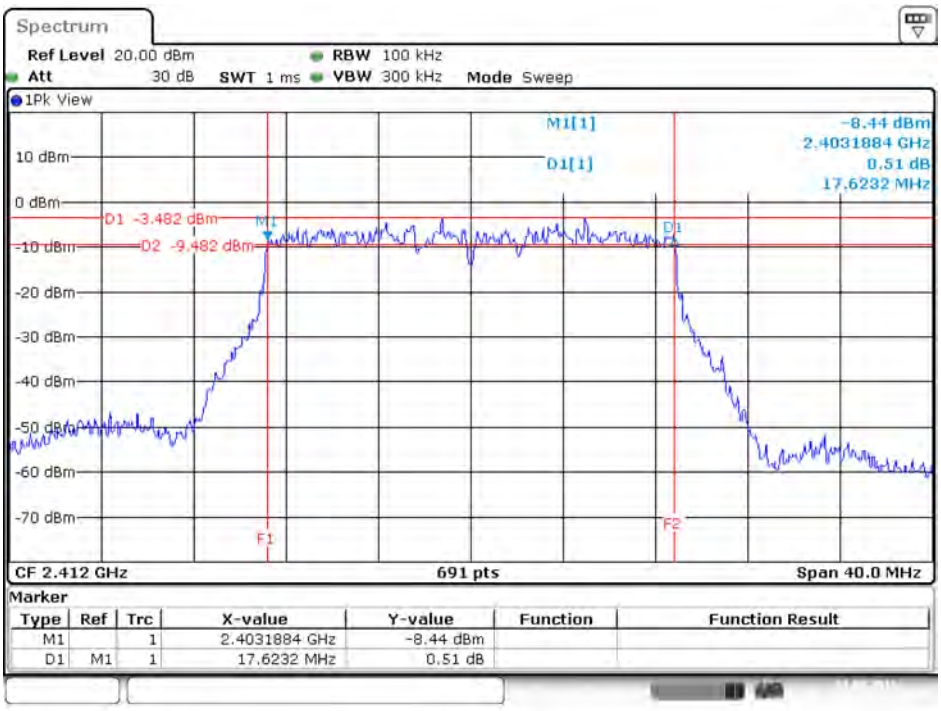

Date: 21.MAY.2016 19:27:28

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 4



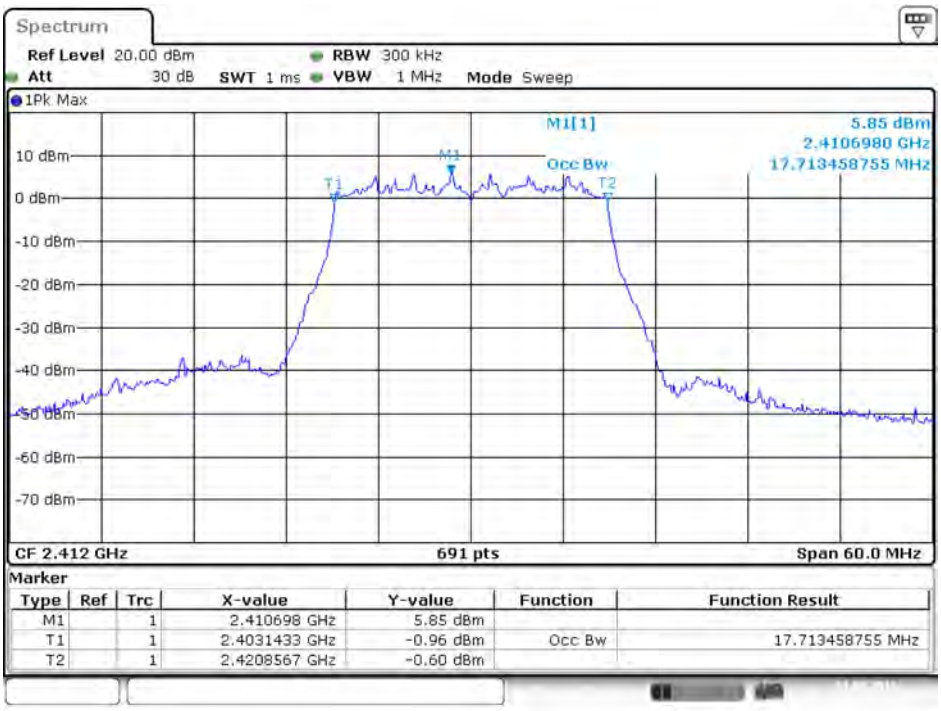

Date: 21.MAY.2016 15:16:40

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 1



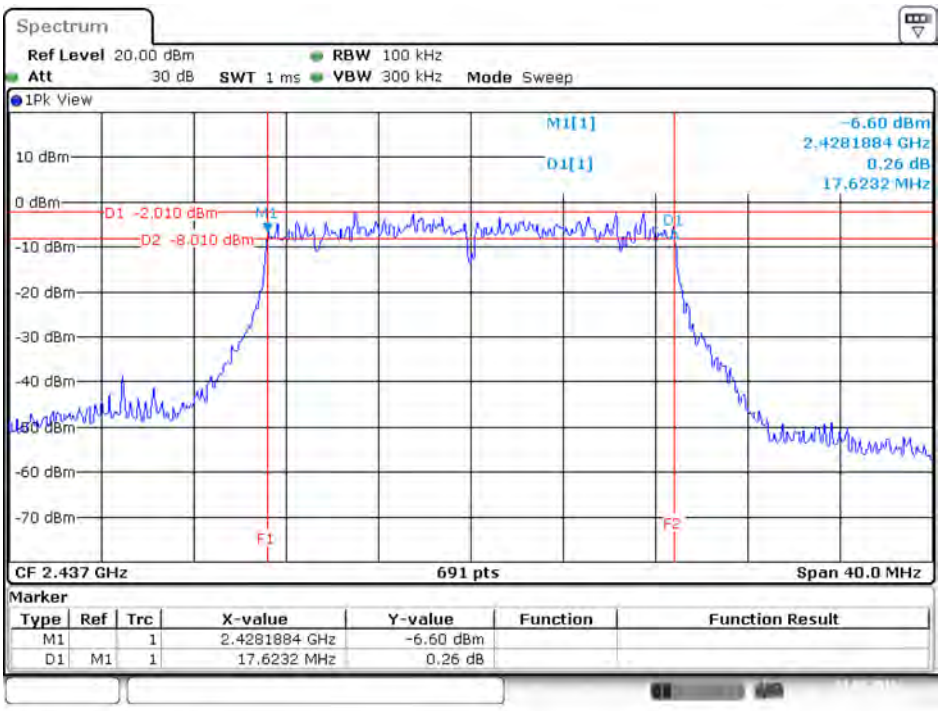

Date: 21.MAY.2016 19:32:55

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 1



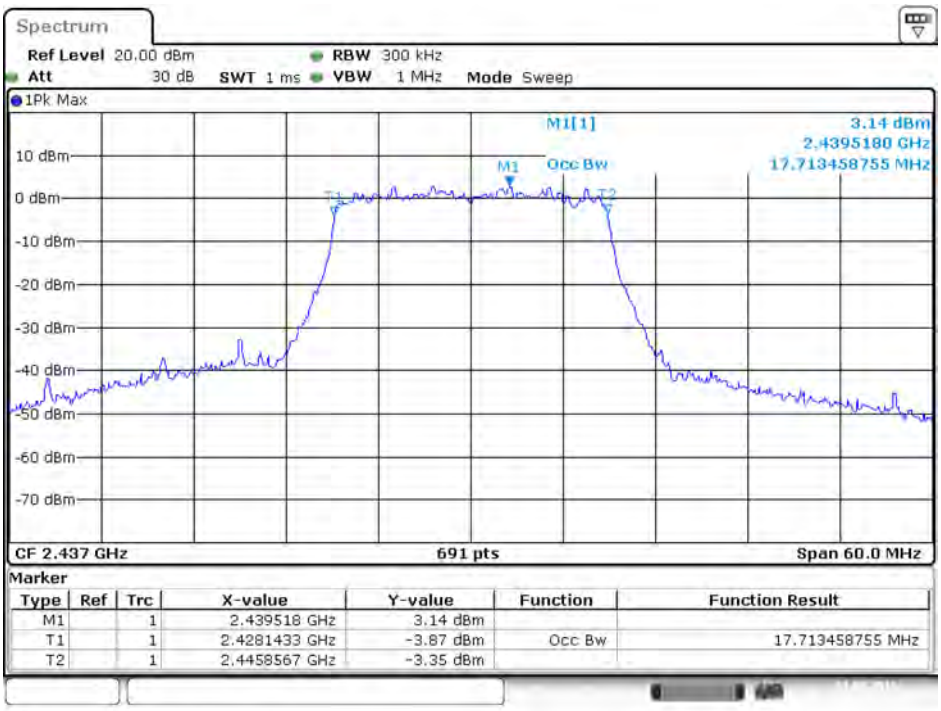

Date: 21.MAY.2016 16:32:35

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2437 MHz / Chain 2



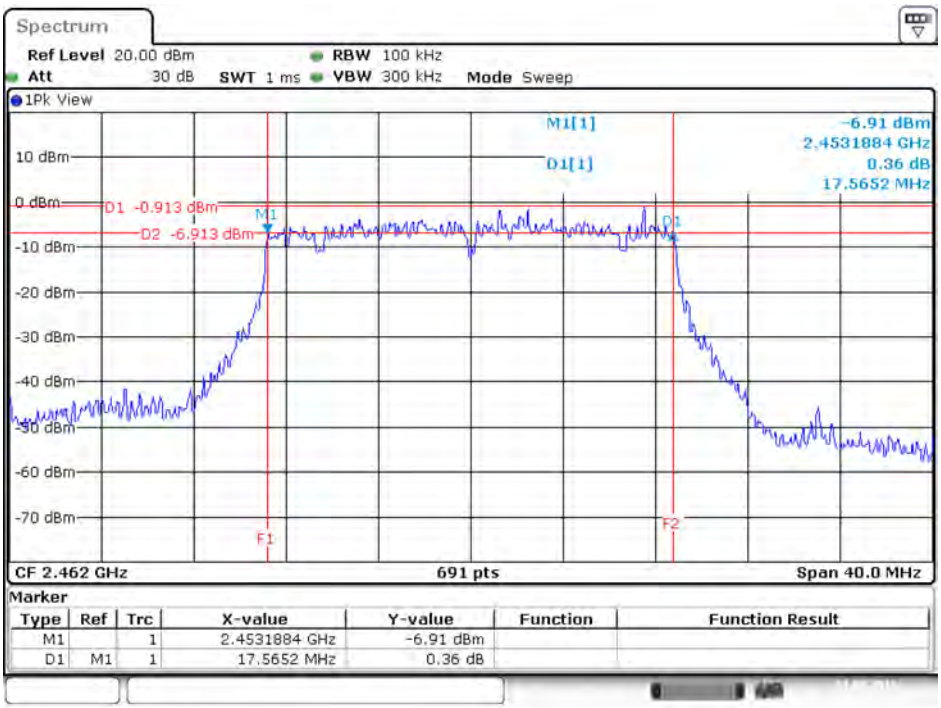

Date: 21.MAY.2016 19:41:02

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2437 MHz / Chain 2



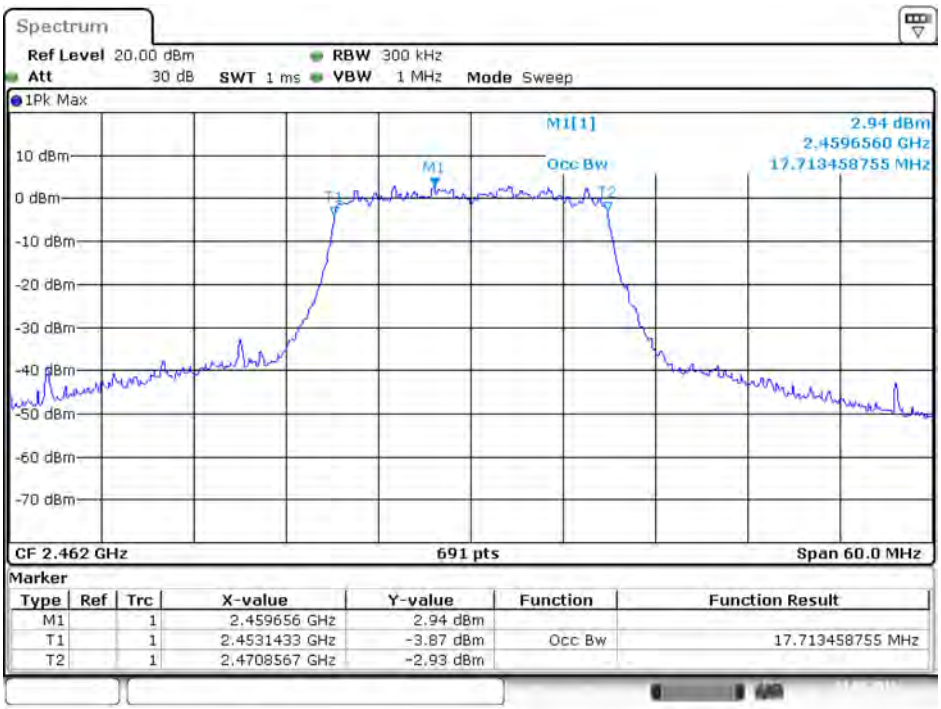

Date: 21.MAY.2016 16:46:35

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 3



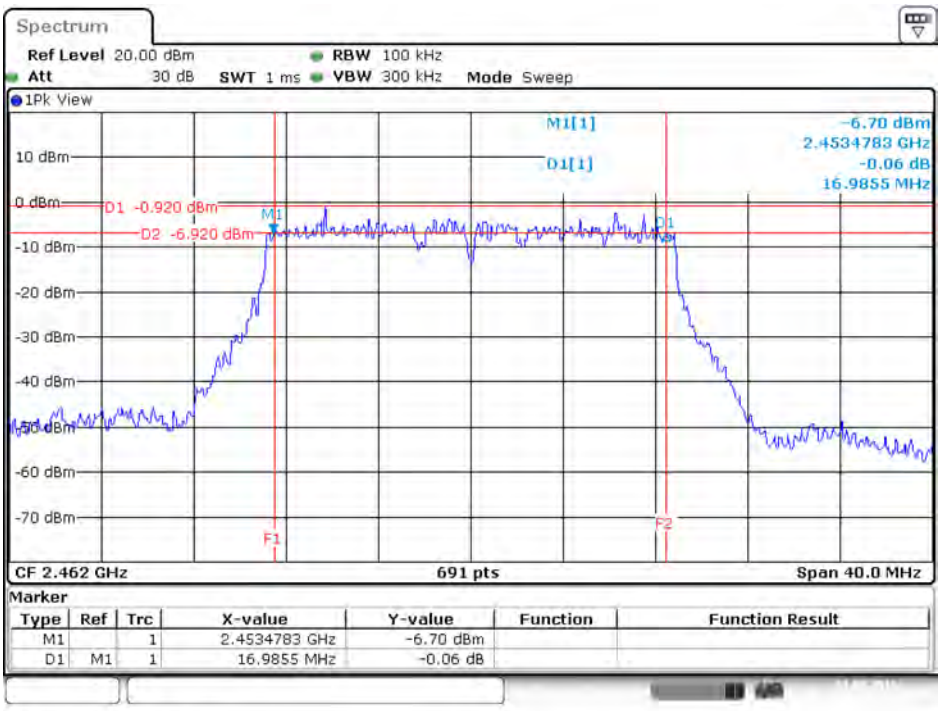

Date: 21.MAY.2016 19:45:33

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 3



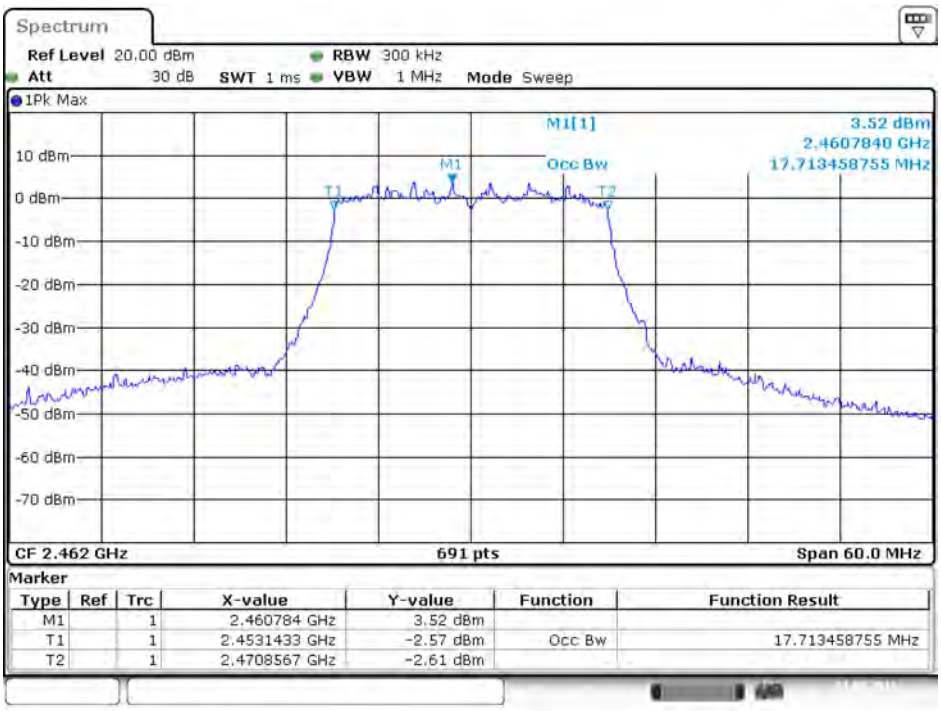

Date: 21.MAY.2016 16:37:59

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 4



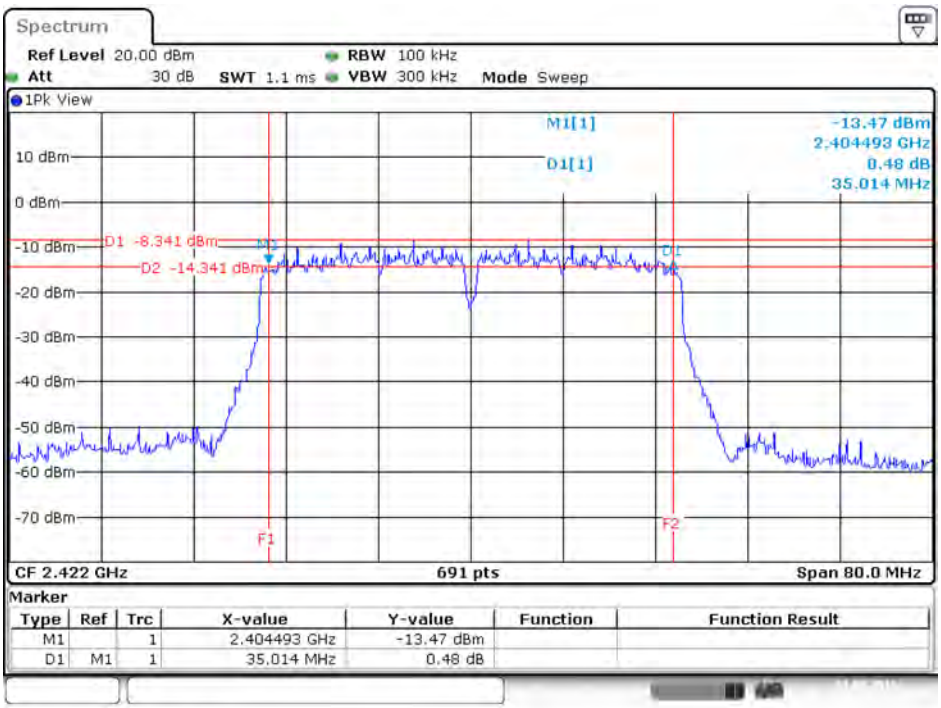

Date: 21.MAY.2016 19:45:05

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 4



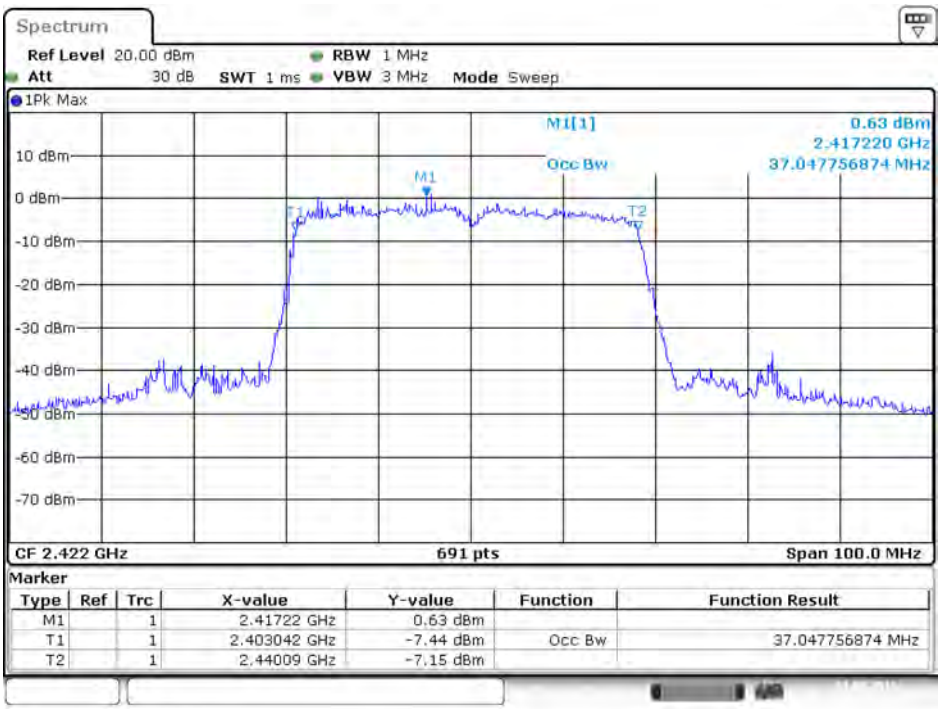

Date: 21.MAY.2016 16:38:13

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 1



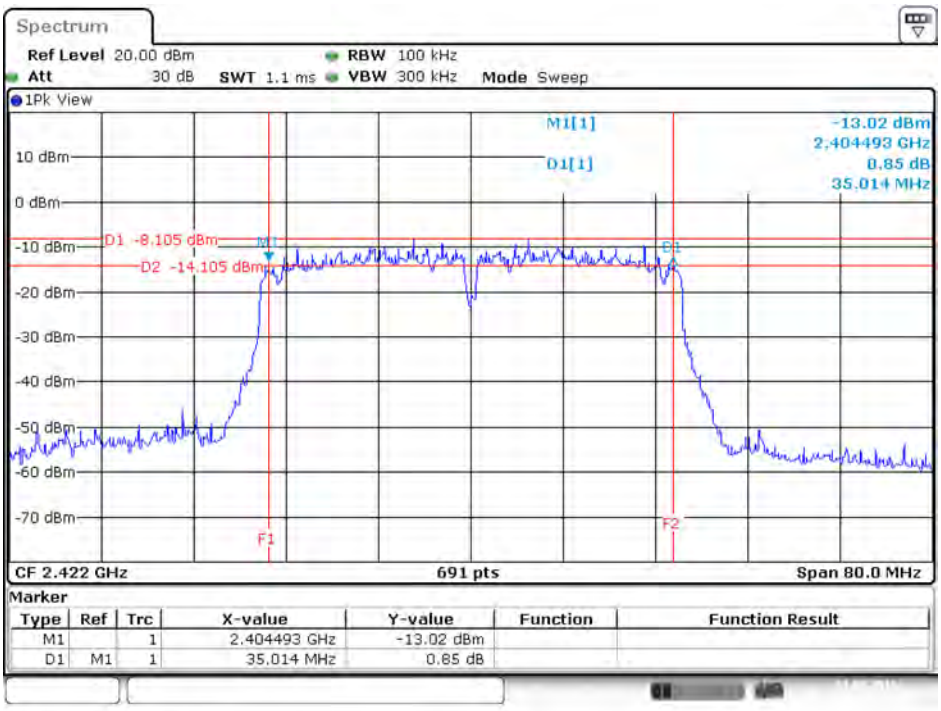

Date: 21.MAY.2016 19:53:33

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 1



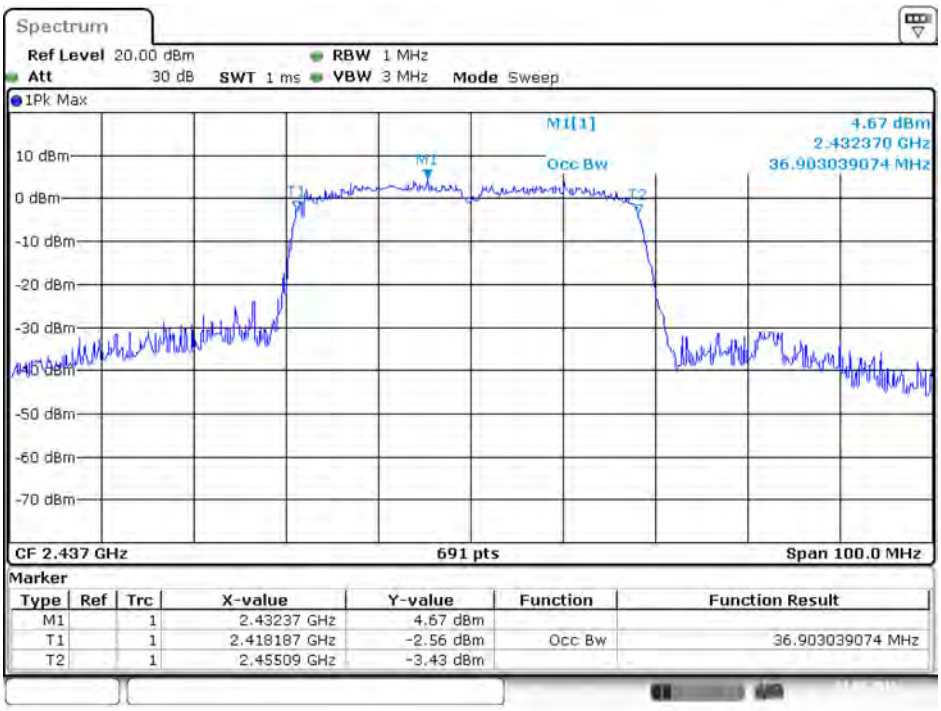

Date: 21.MAY.2016 14:43:50

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 2



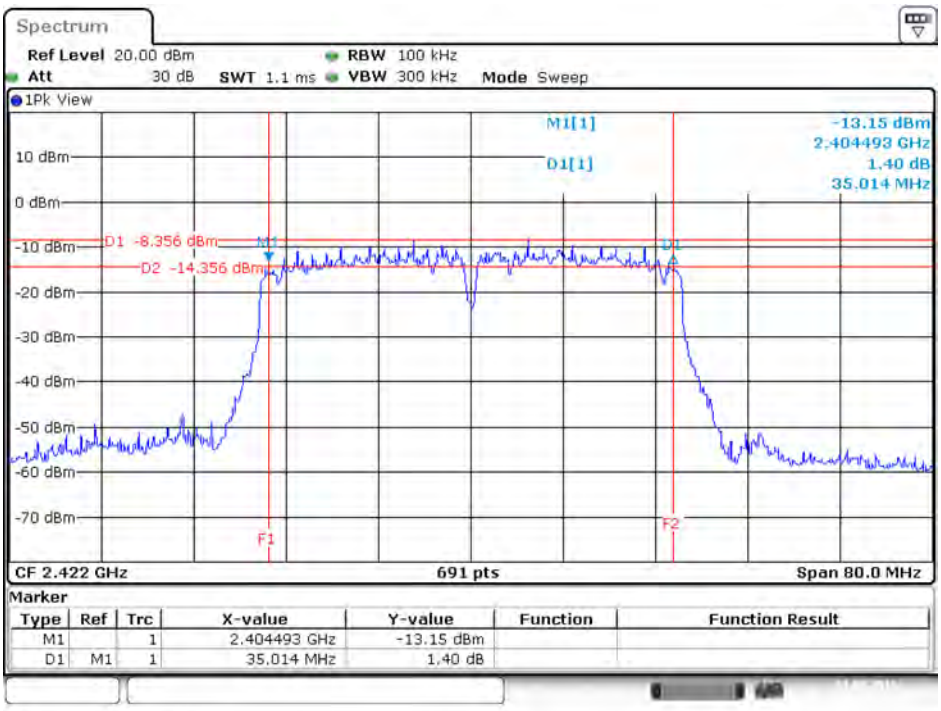

Date: 21.MAY.2016 19:53:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 2



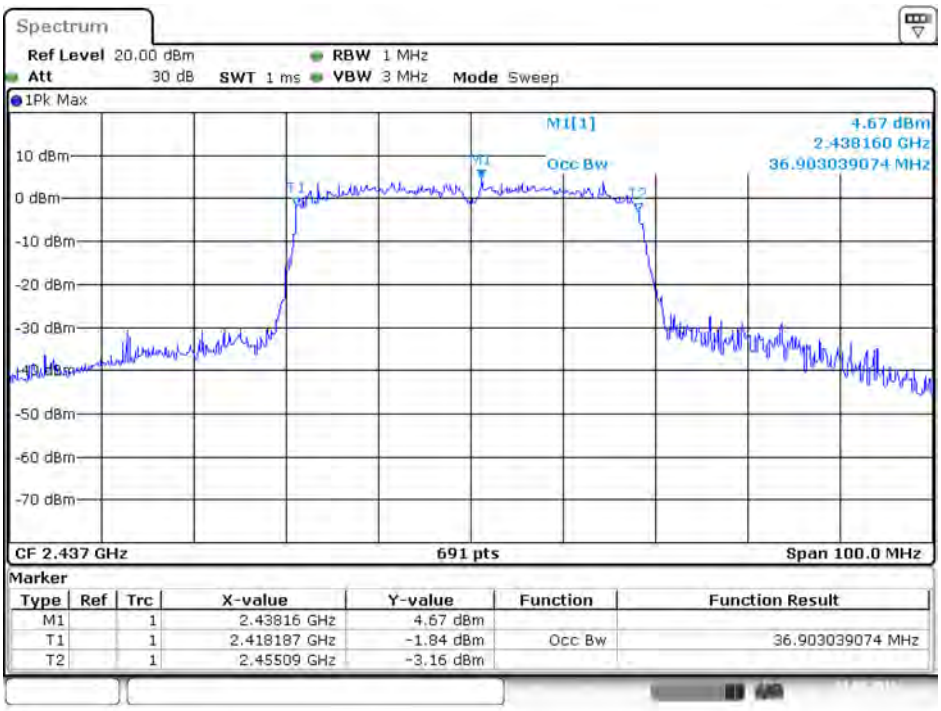

Date: 21.MAY.2016 14:46:47

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 3



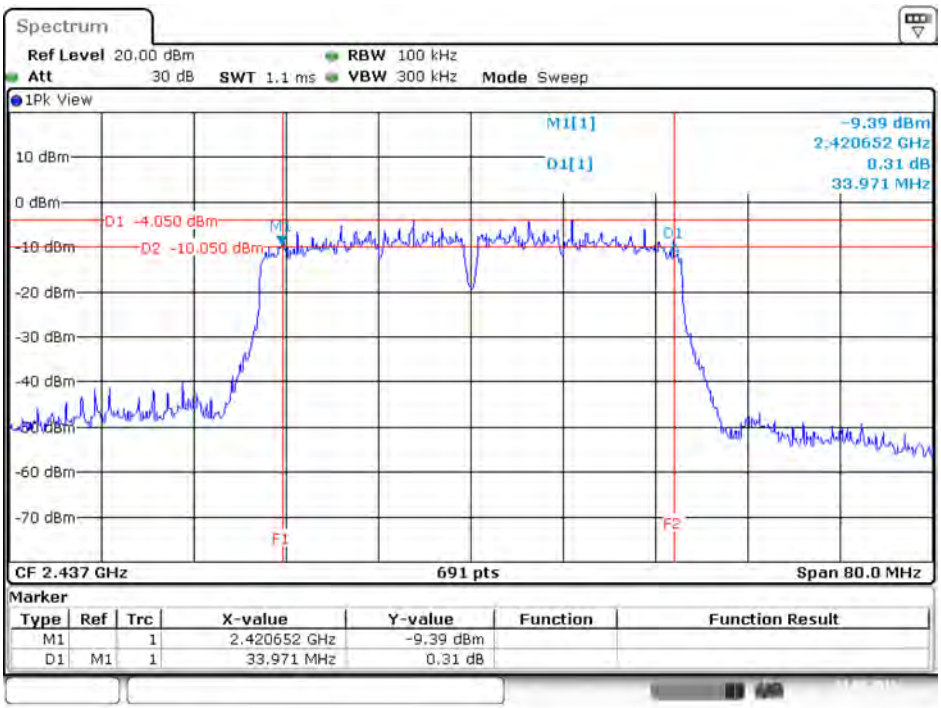

Date: 21.MAY.2016 19:54:09

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 3



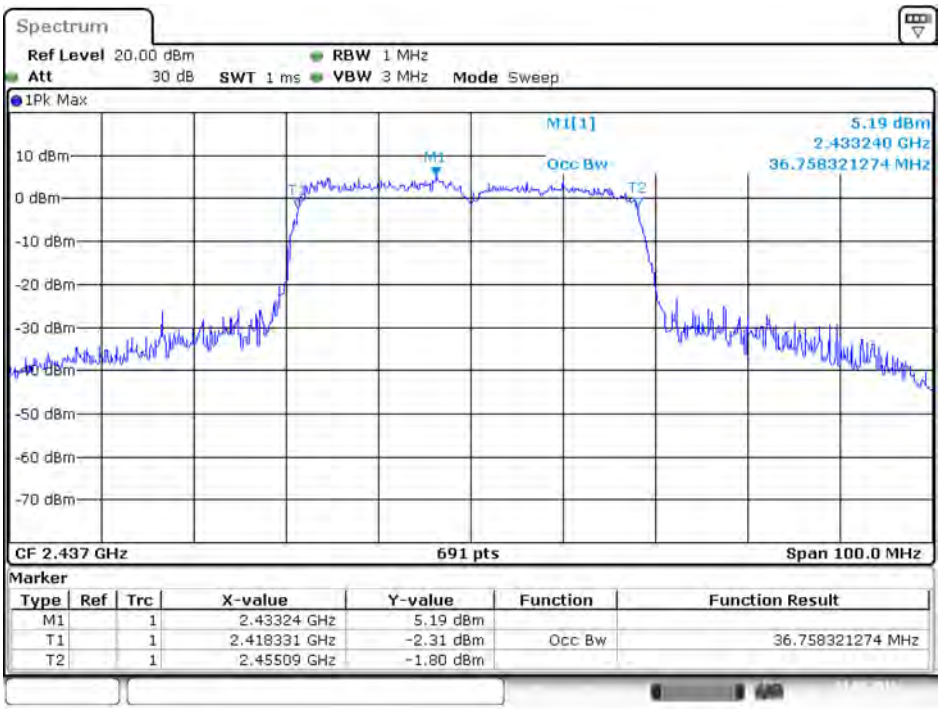

Date: 21.MAY.2016 14:46:35

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 4



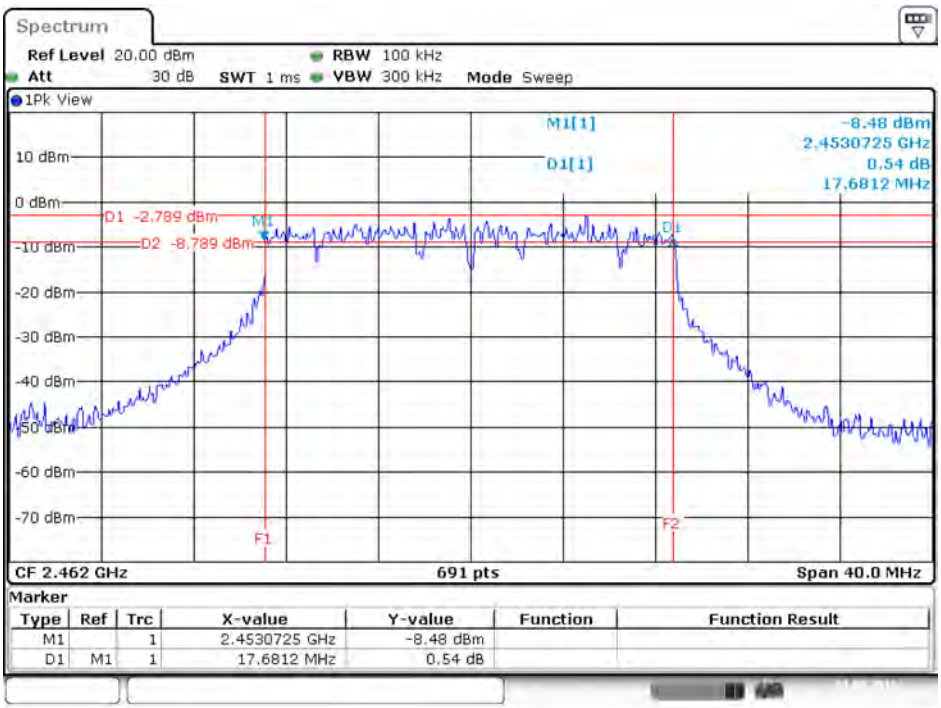

Date: 21.MAY.2016 20:02:23

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 4



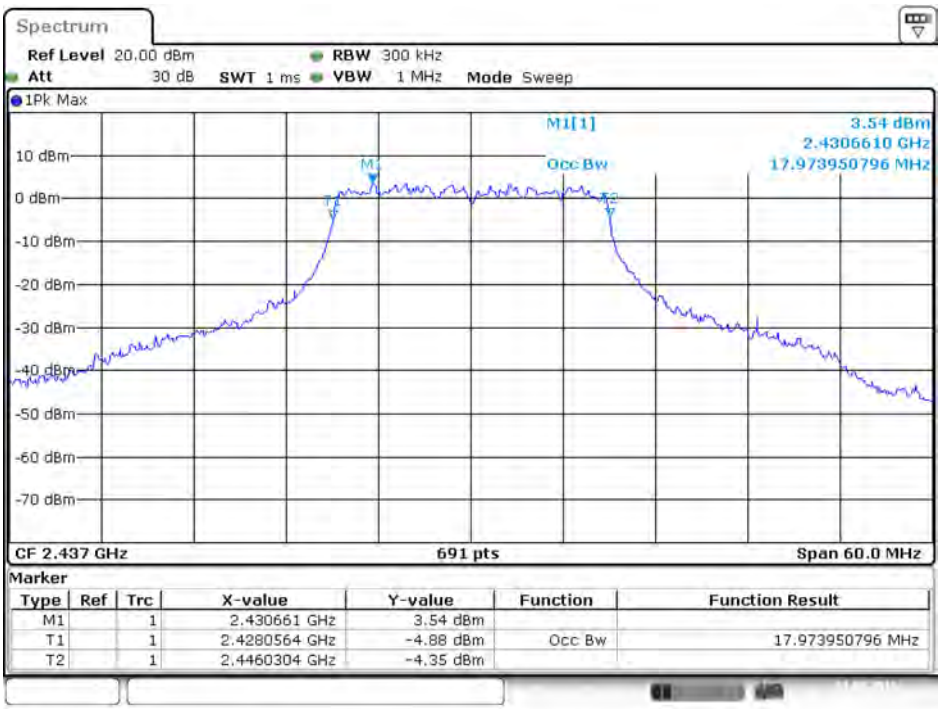

Date: 21.MAY.2016 14:46:20

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2462 MHz / Chain 1



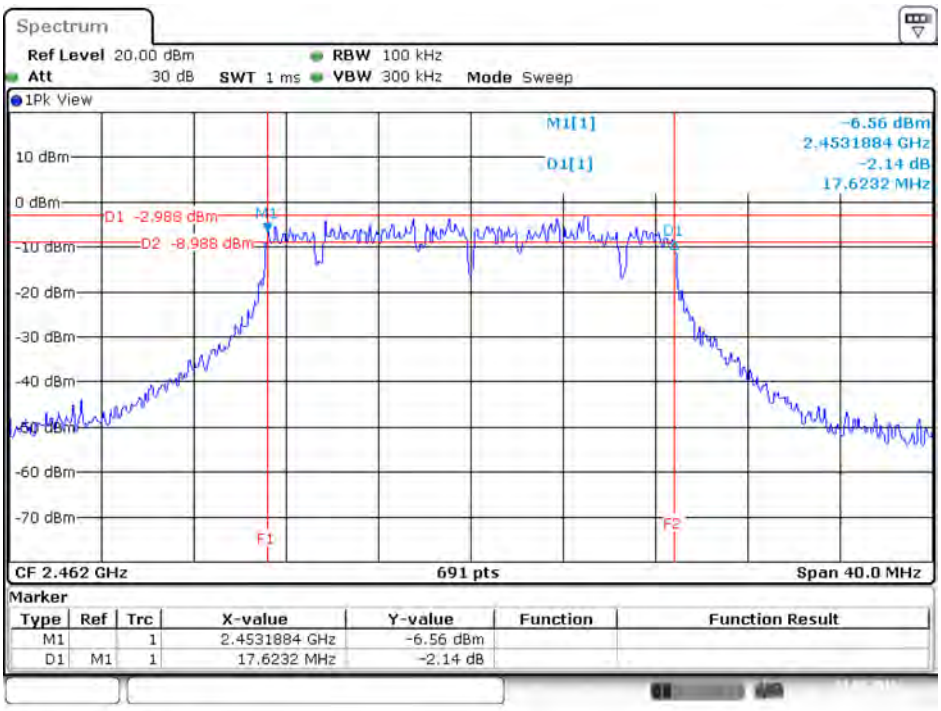

Date: 21.MAY.2016 20:36:36

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 1



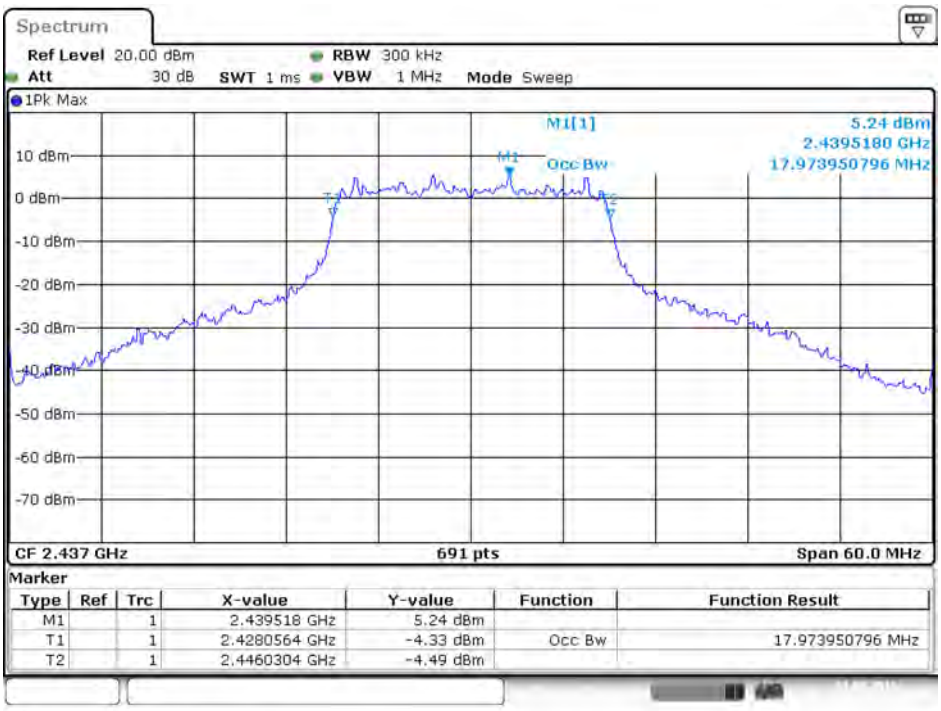

Date: 21.MAY.2016 17:44:16

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2462 MHz / Chain 2



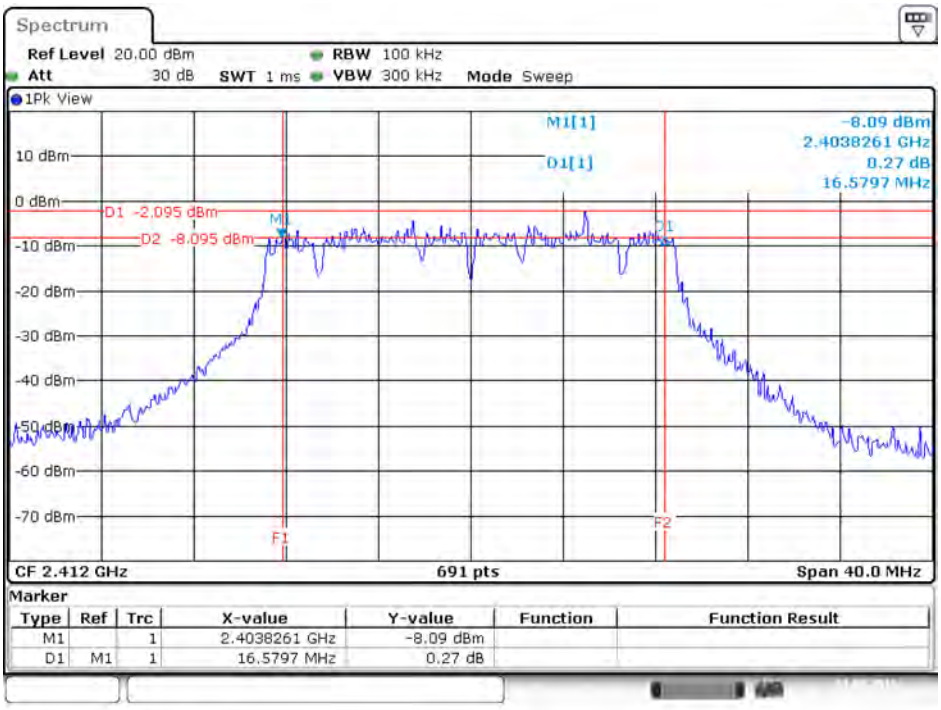

Date: 21.MAY.2016 20:36:45

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 2



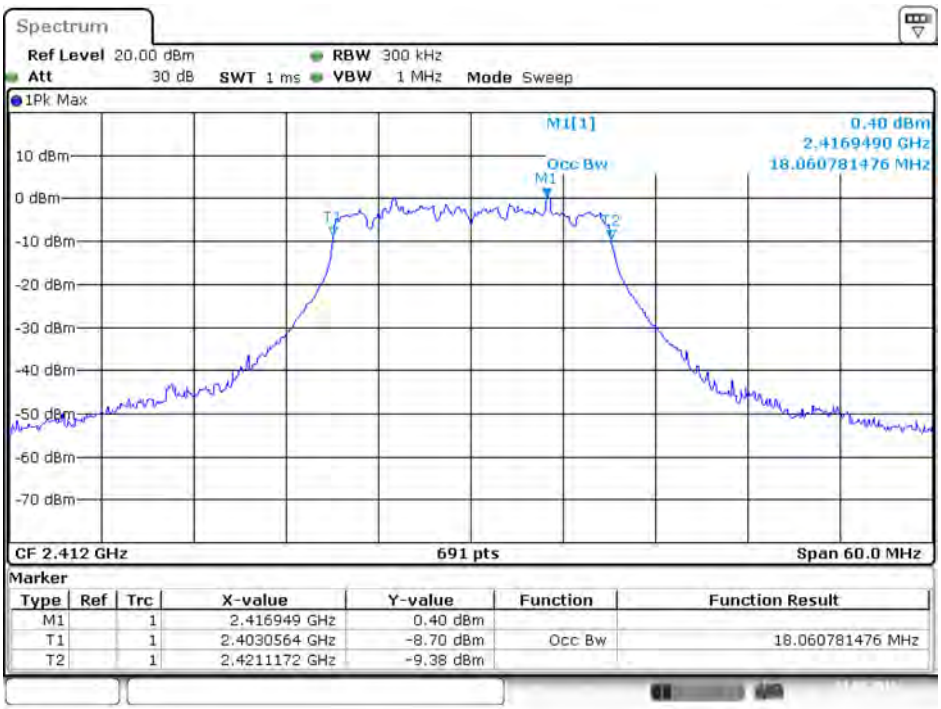

Date: 21.MAY.2016 17:44:00

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2412 MHz / Chain 3



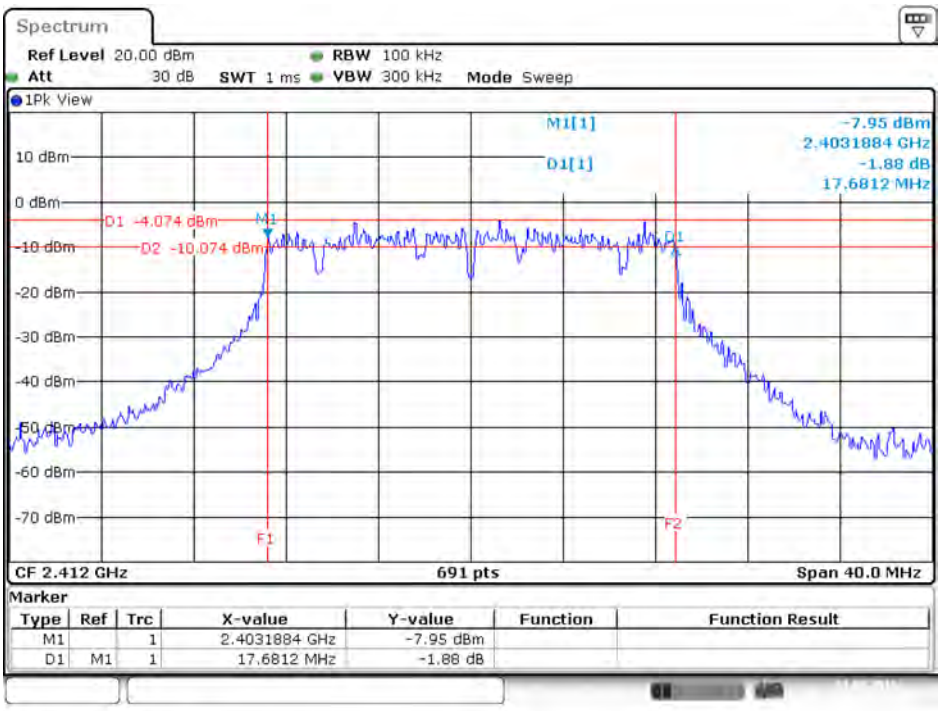

Date: 21.MAY.2016 20:28:26

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2412 MHz / Chain 3



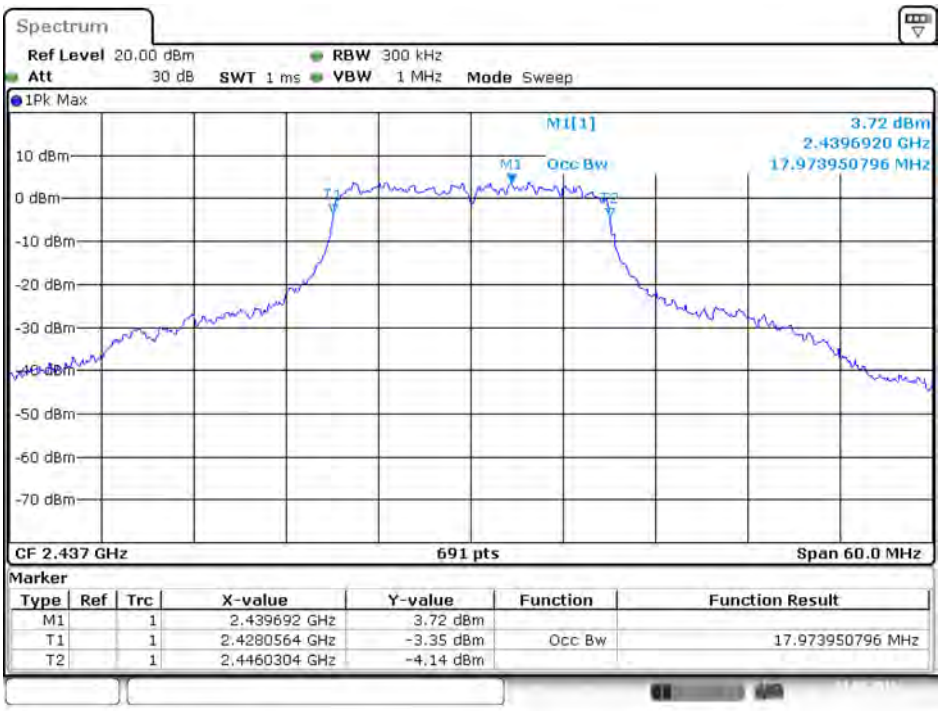

Date: 21.MAY.2016 17:40:11

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2412 MHz / Chain 4



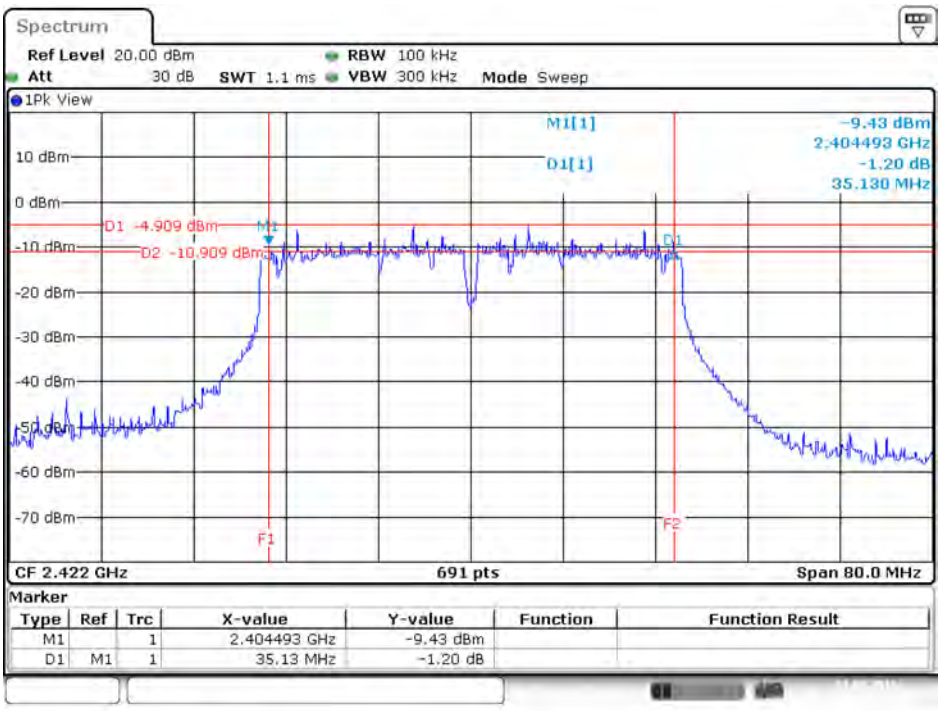

Date: 21.MAY.2016 20:28:38

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 4



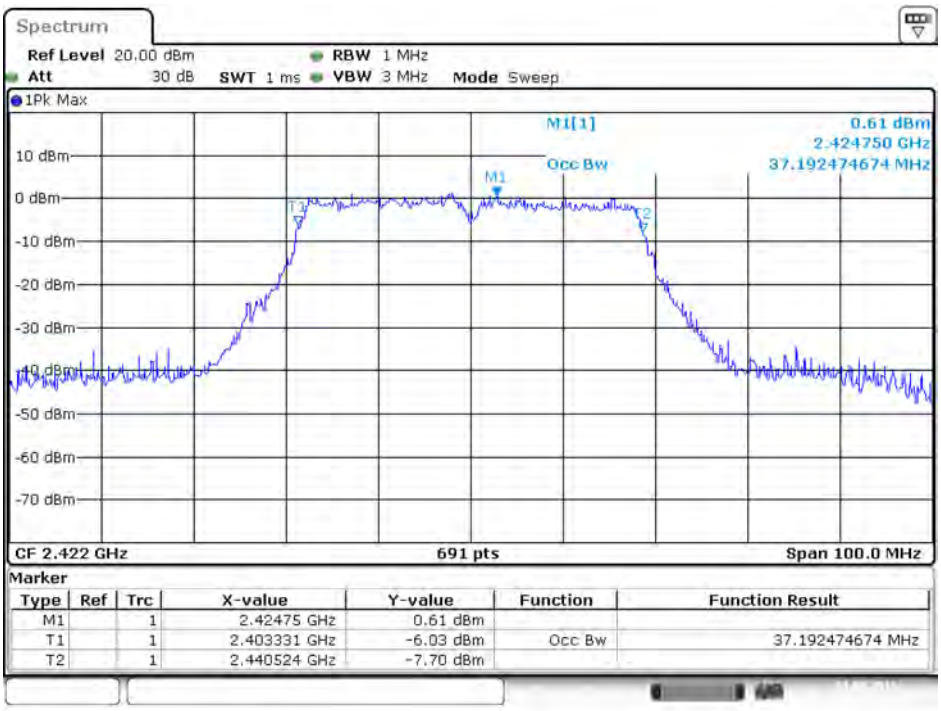

Date: 21.MAY.2016 17:43:30

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 1



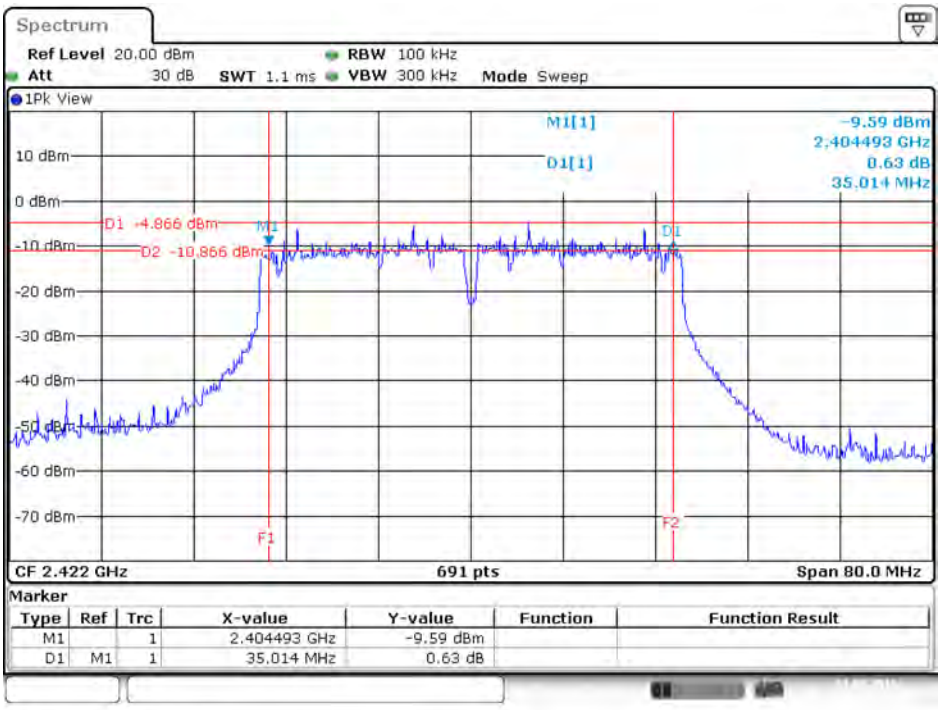

Date: 21.MAY.2016 20:43:21

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 1



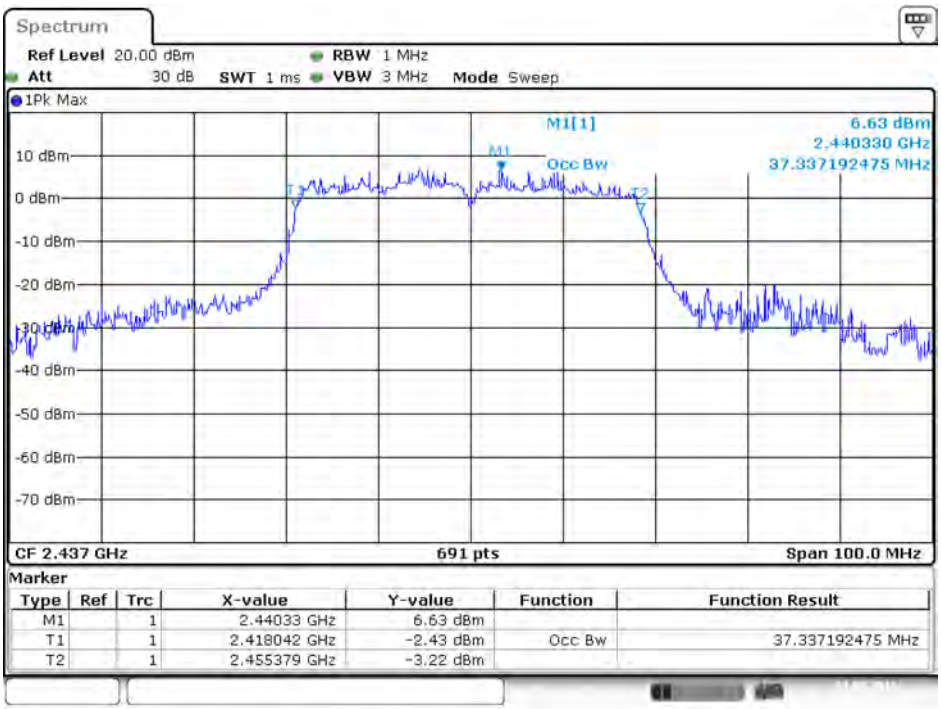

Date: 21.MAY.2016 13:18:51

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 2



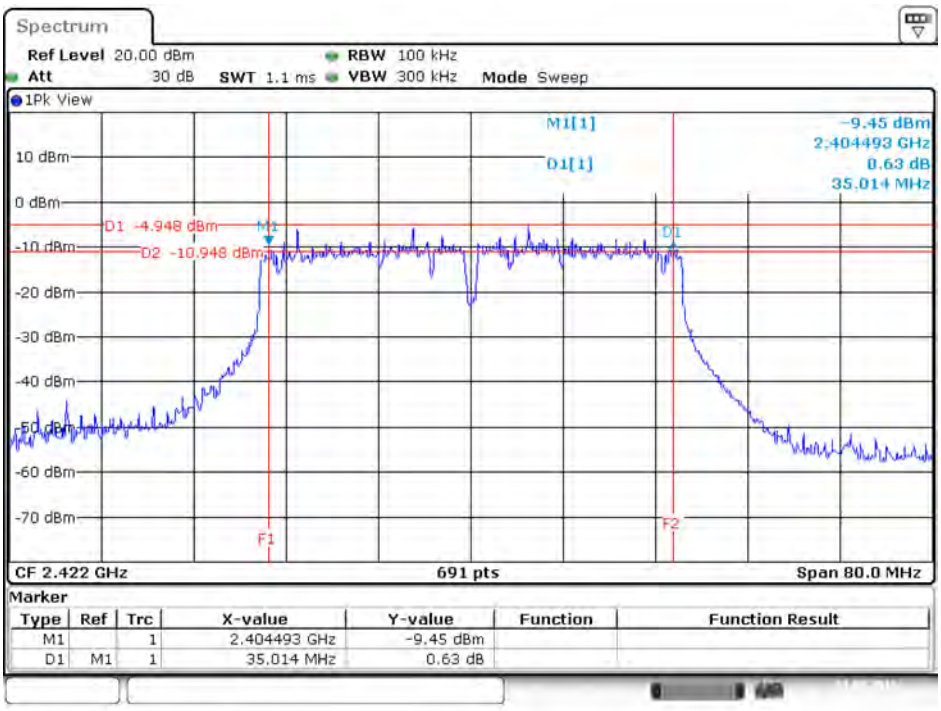

Date: 21.MAY.2016 20:43:35

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 2



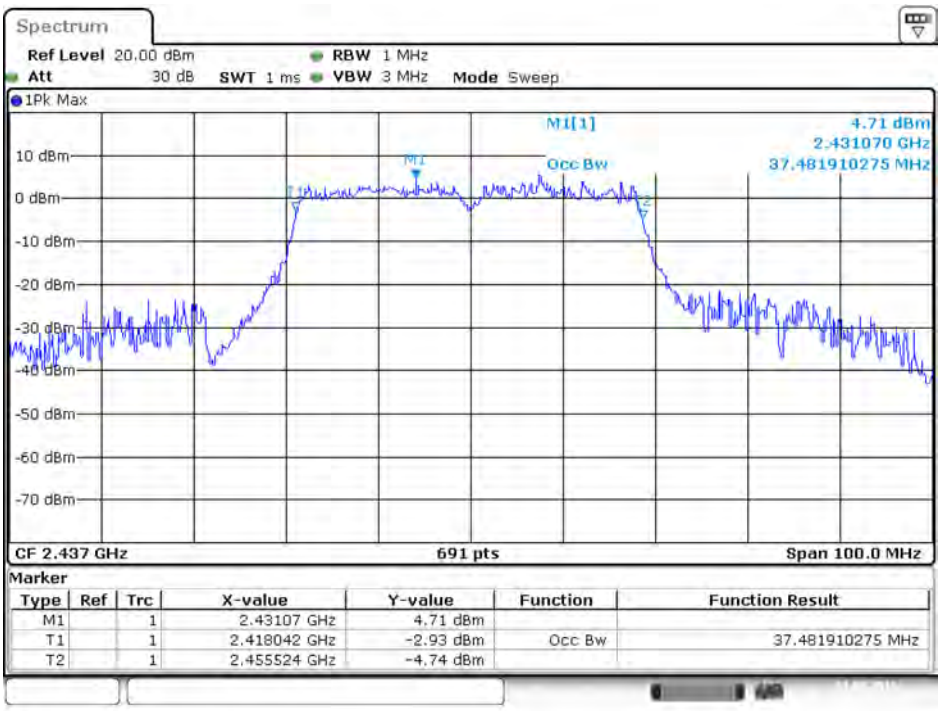

Date: 21.MAY.2016 12:49:14

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 3



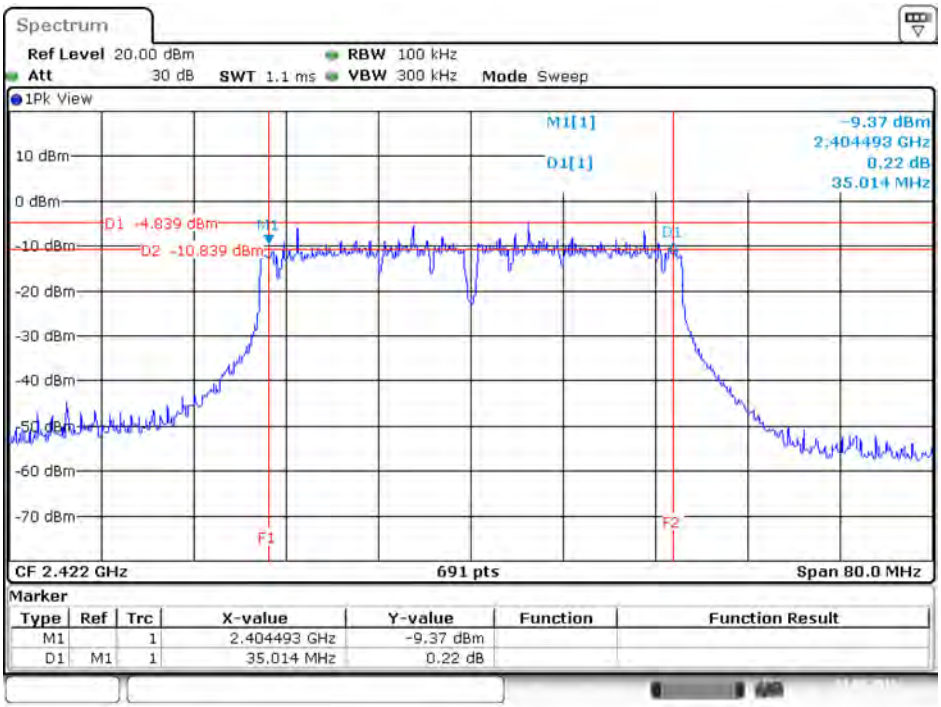

Date: 21.MAY.2016 20:43:48

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 3



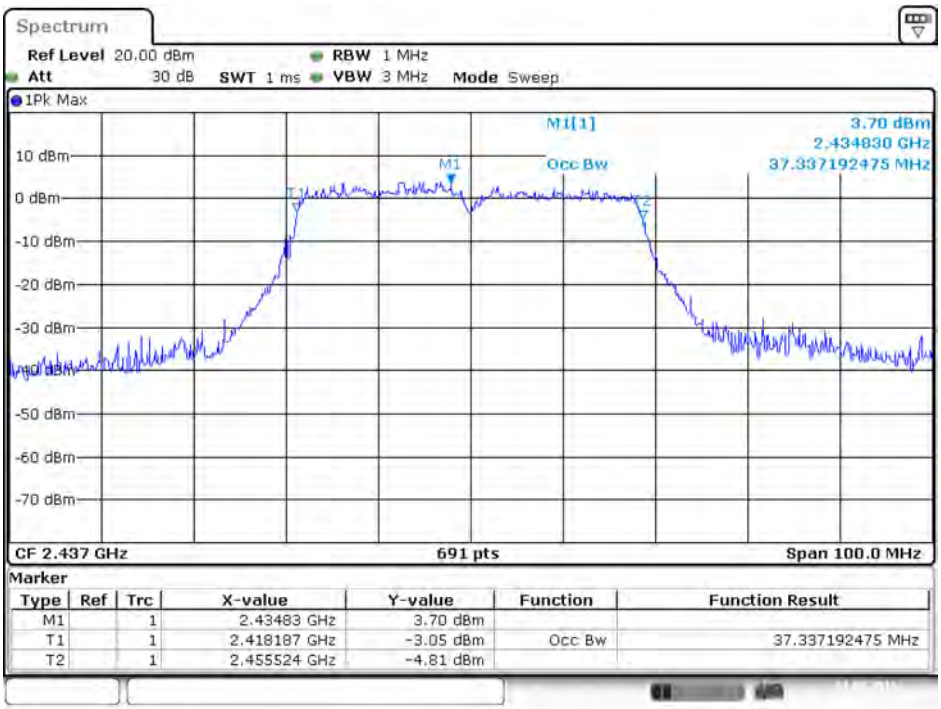

Date: 21.MAY.2016 12:48:24

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 4




Date: 21.MAY.2016 20:44:03

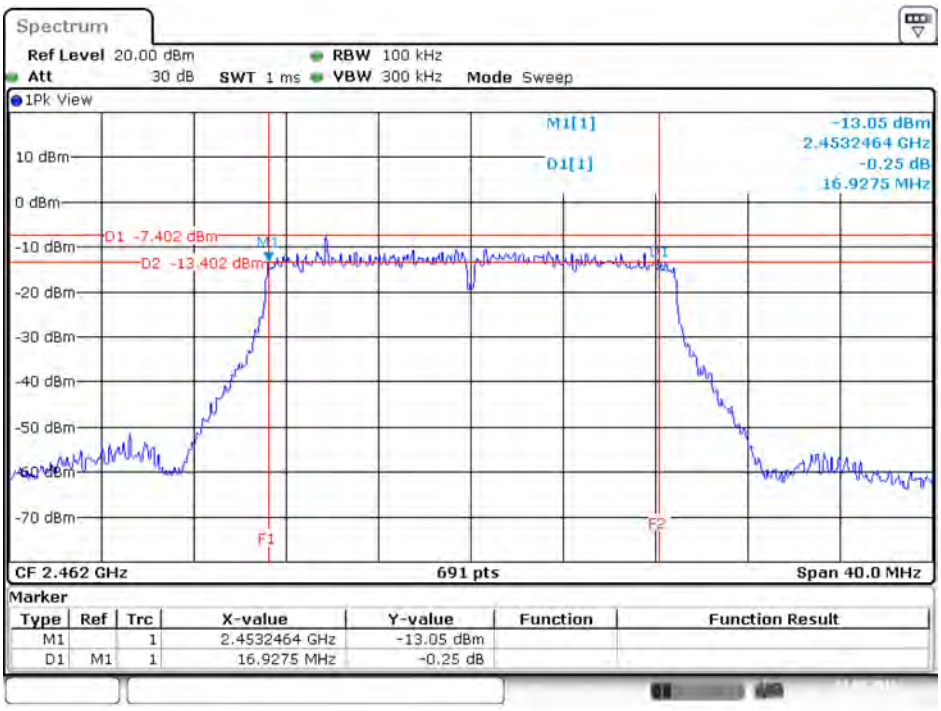
## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 4




Date: 21.MAY.2016 12:48:09

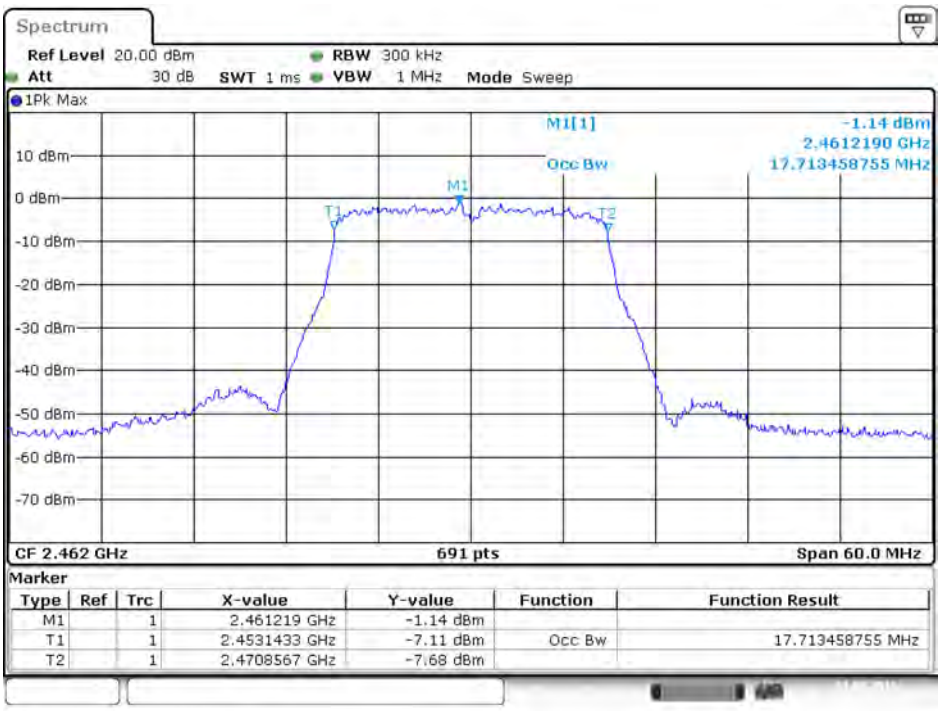
**For Mode 4:**

**6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 1**



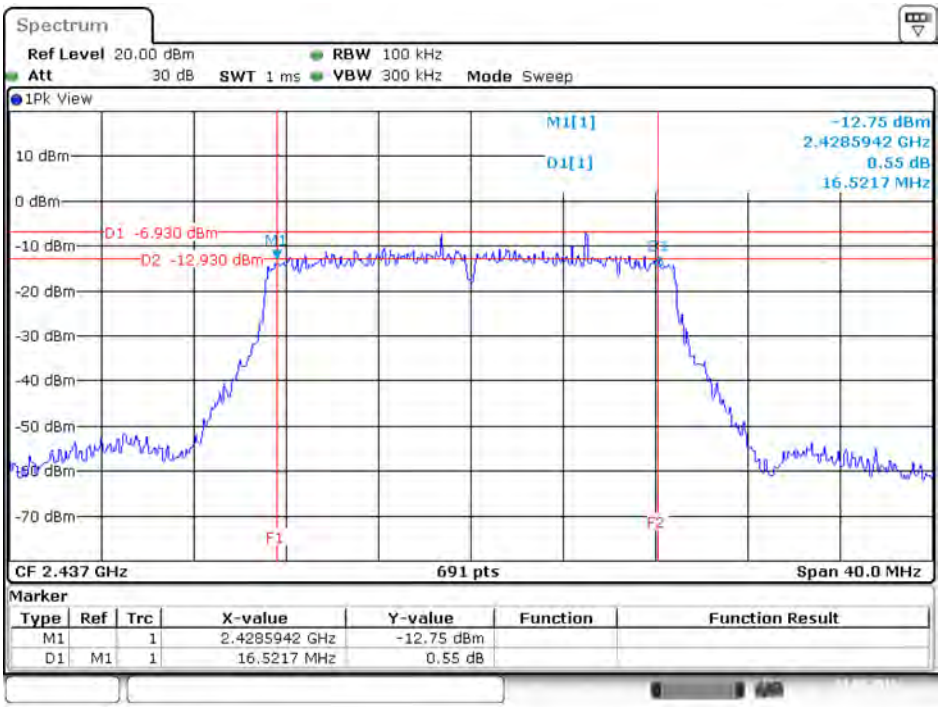

Date: 21.MAY.2016 18:56:44

**99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2462 MHz / Chain 1**



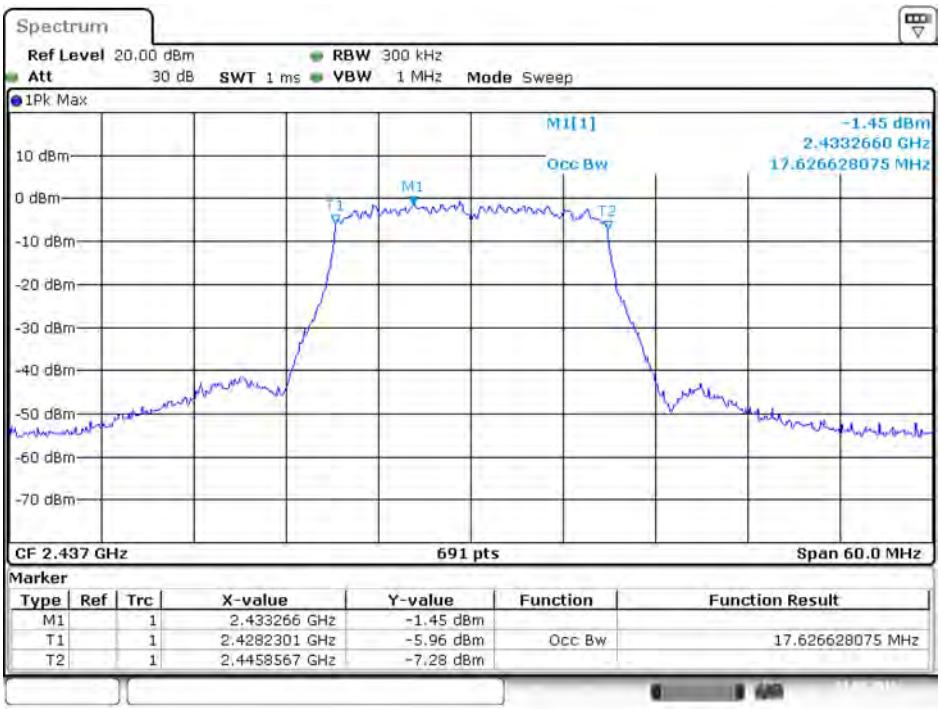

Date: 21.MAY.2016 16:13:30

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 2



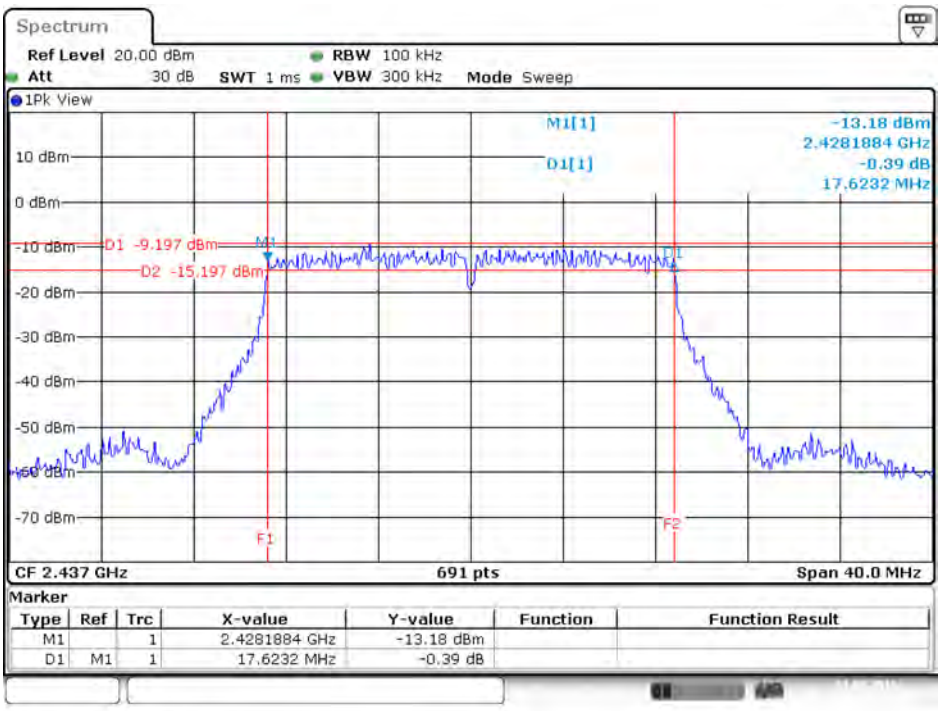

Date: 21.MAY.2016 18:33:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 2



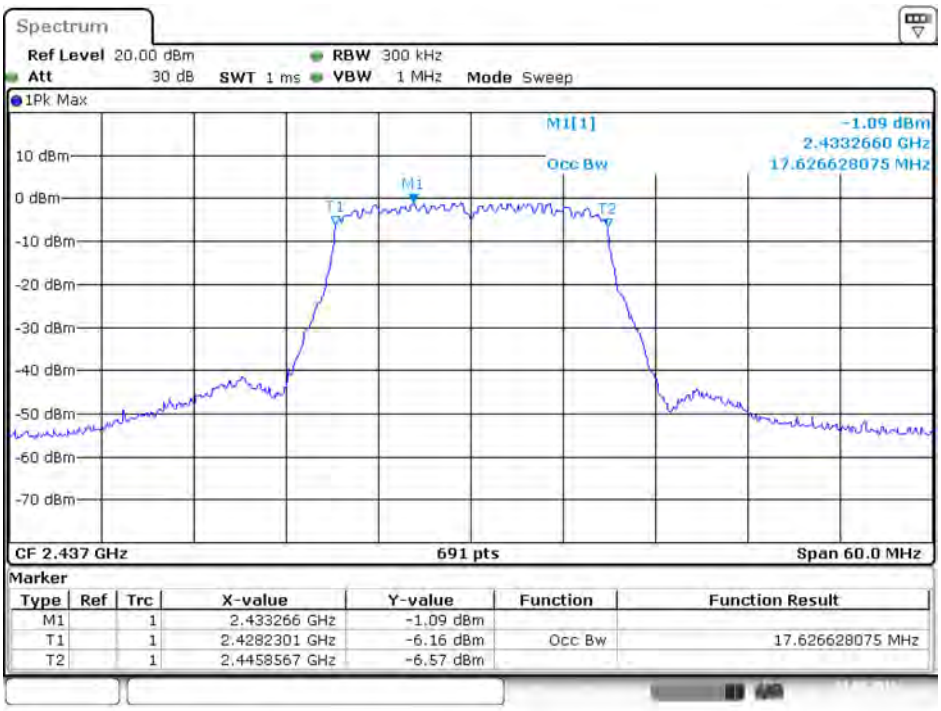

Date: 21.MAY.2016 16:14:41

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 3



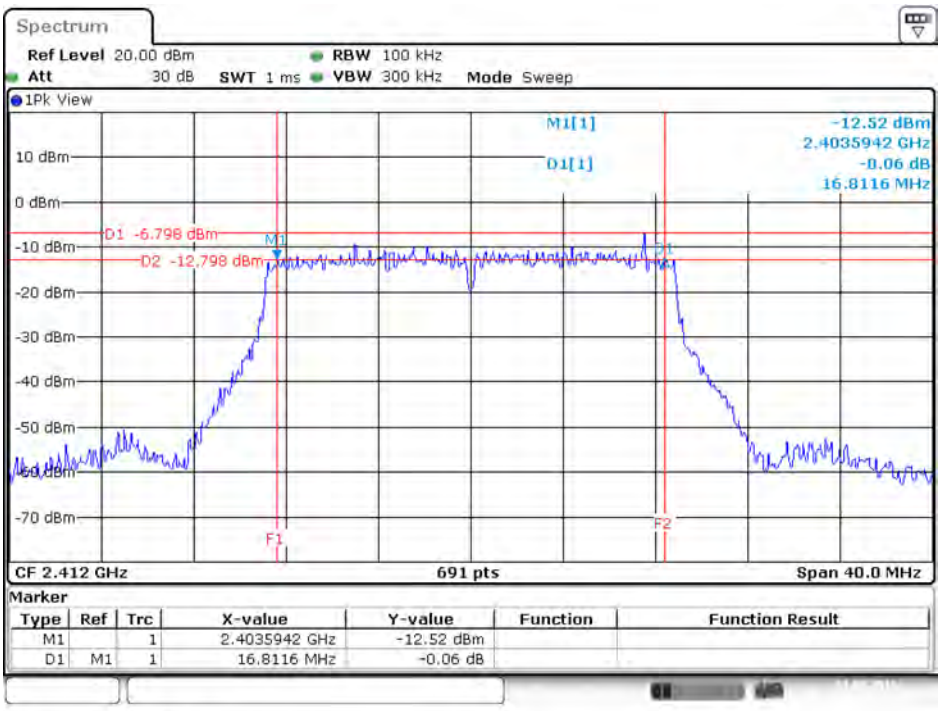

Date: 21.MAY.2016 18:32:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 3



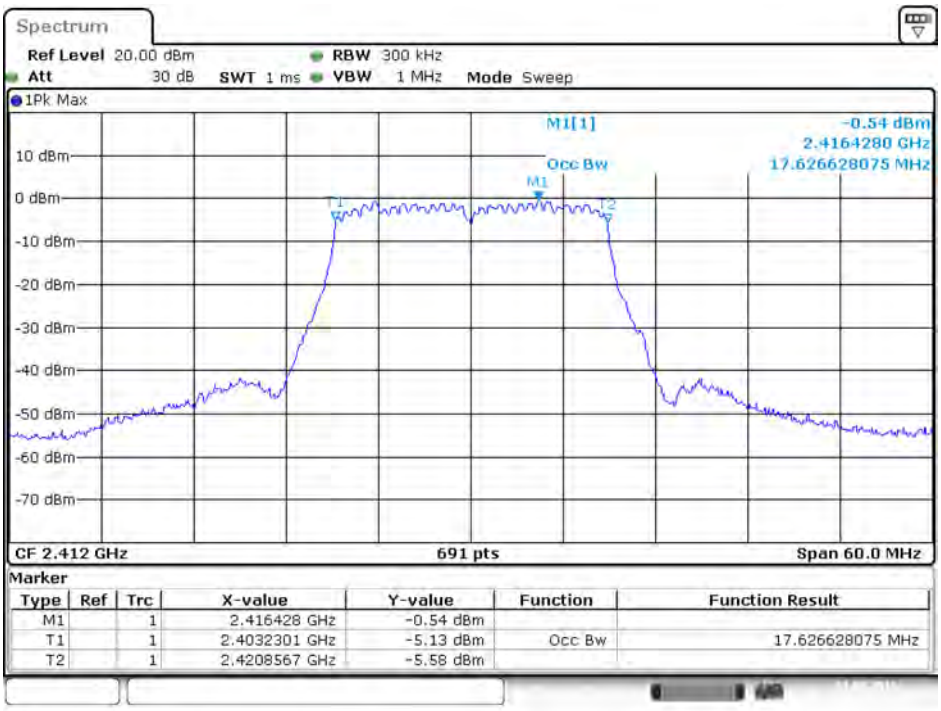

Date: 21.MAY.2016 16:14:54

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2412 MHz / Chain 4



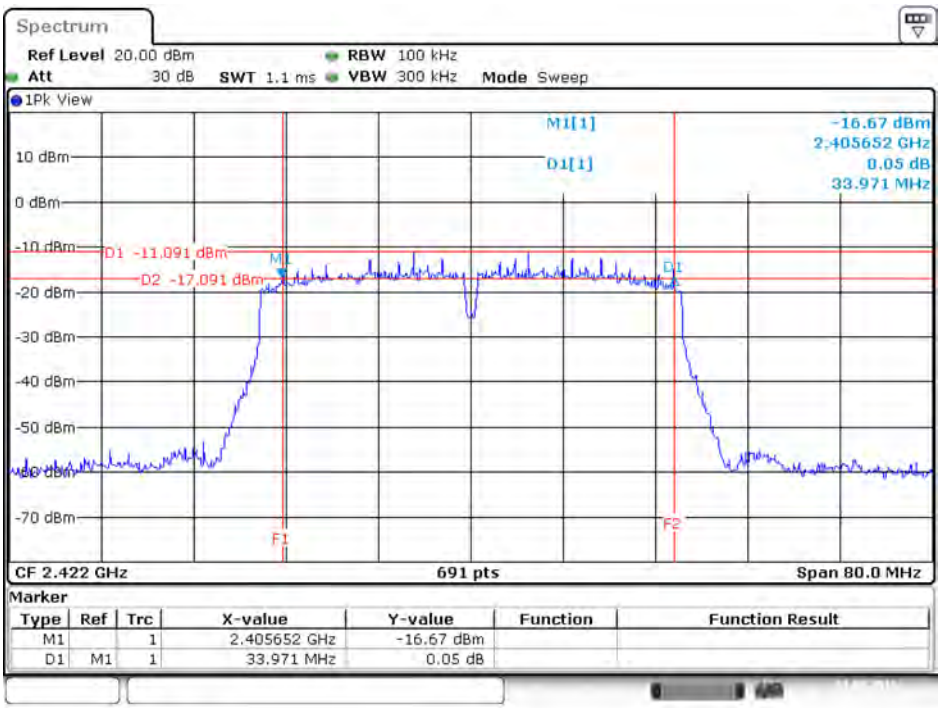

Date: 21.MAY.2016 18:32:03

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2412 MHz / Chain 4



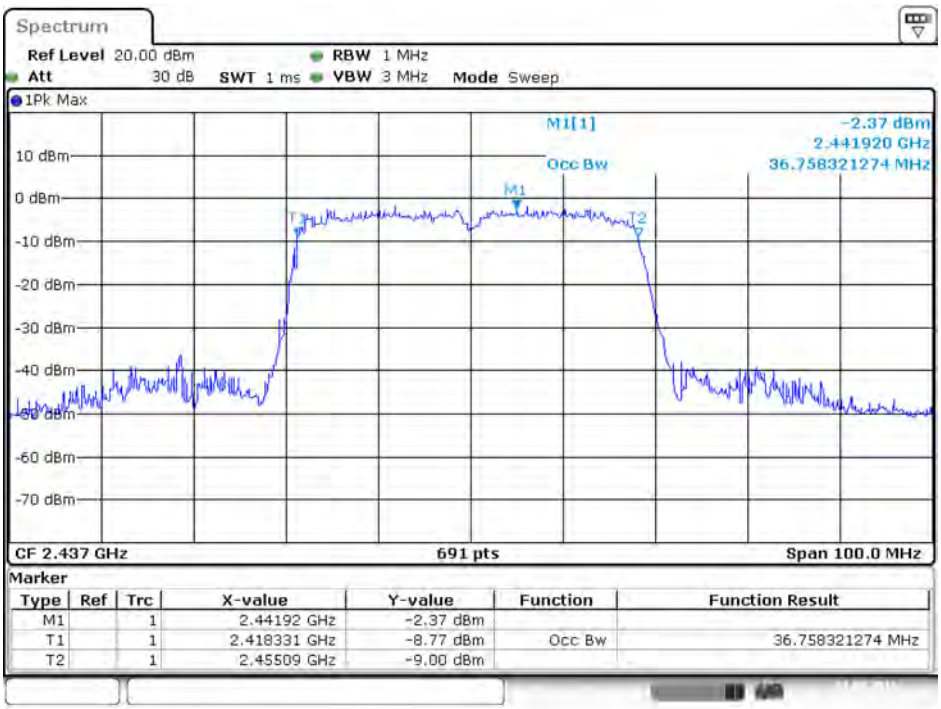

Date: 21.MAY.2016 16:16:37

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2422 MHz / Chain 1



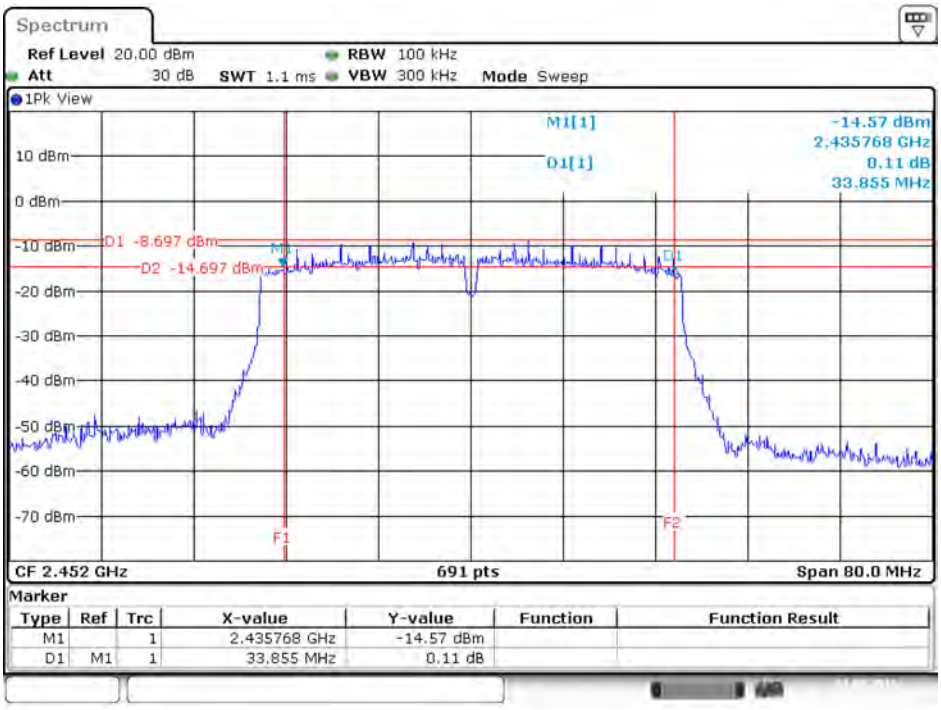

Date: 21.MAY.2016 18:59:51

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 1



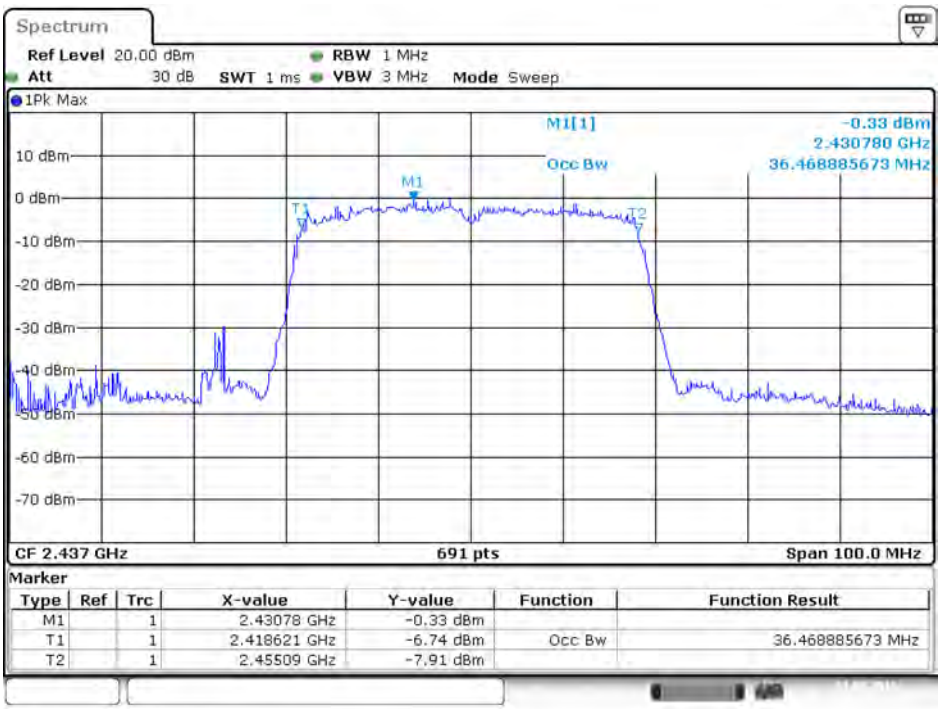

Date: 21.MAY.2016 15:25:27

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 2



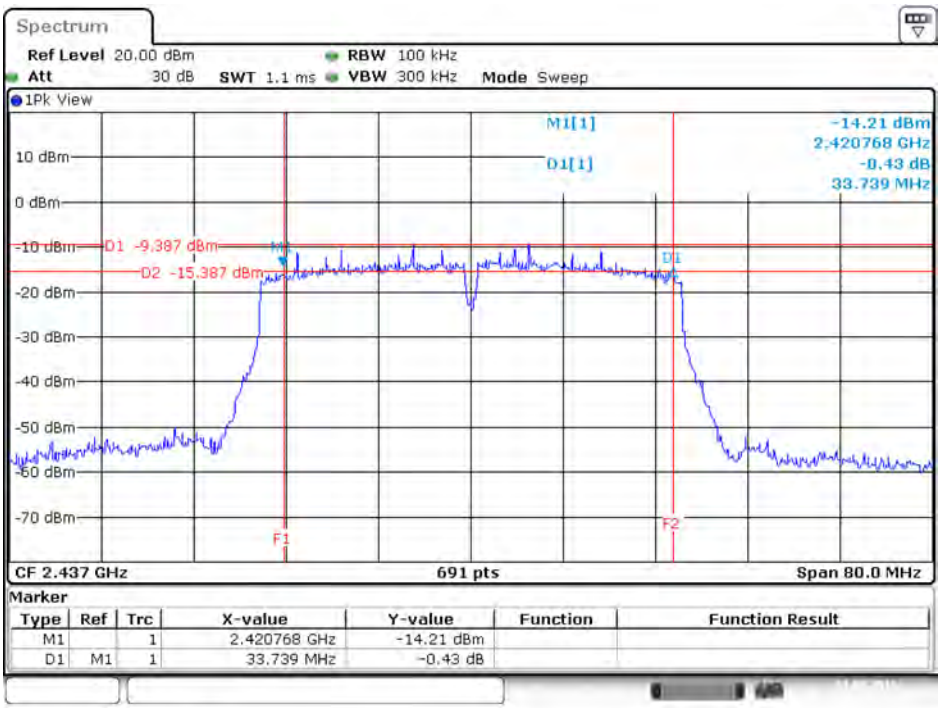

Date: 21.MAY.2016 19:25:32

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 2



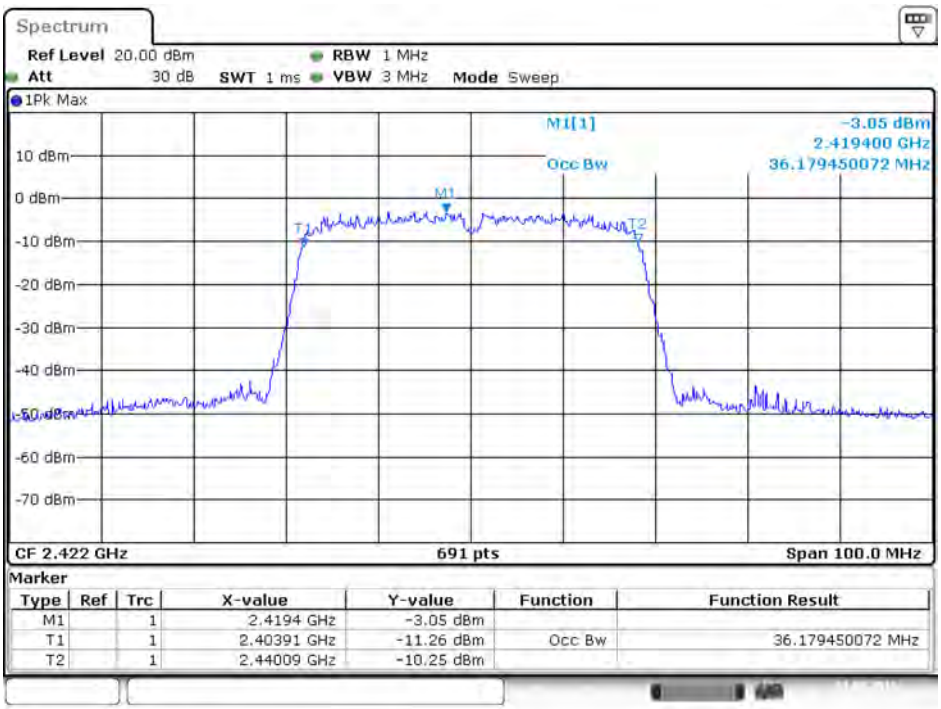

Date: 21.MAY.2016 15:26:17

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 3



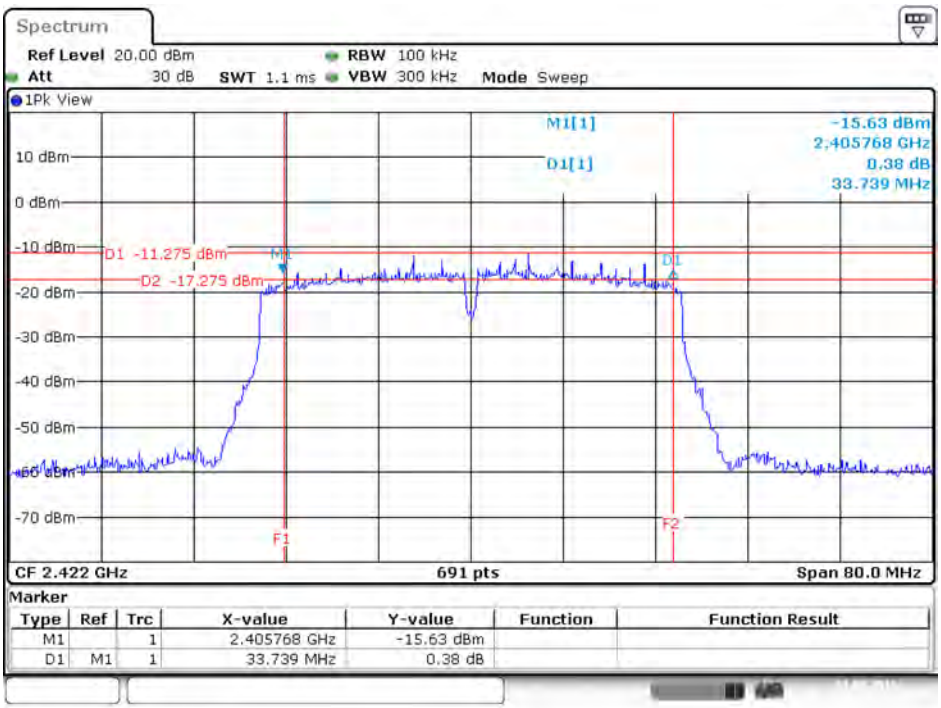

Date: 21.MAY.2016 19:23:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2422 MHz / Chain 3



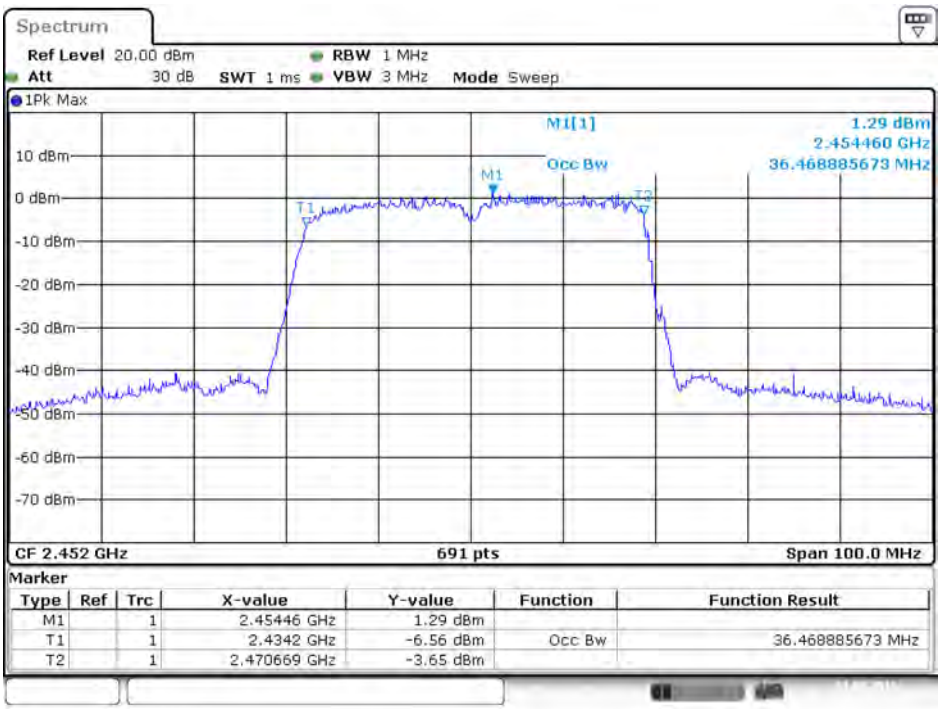

Date: 21.MAY.2016 15:28:58

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2422 MHz / Chain 4



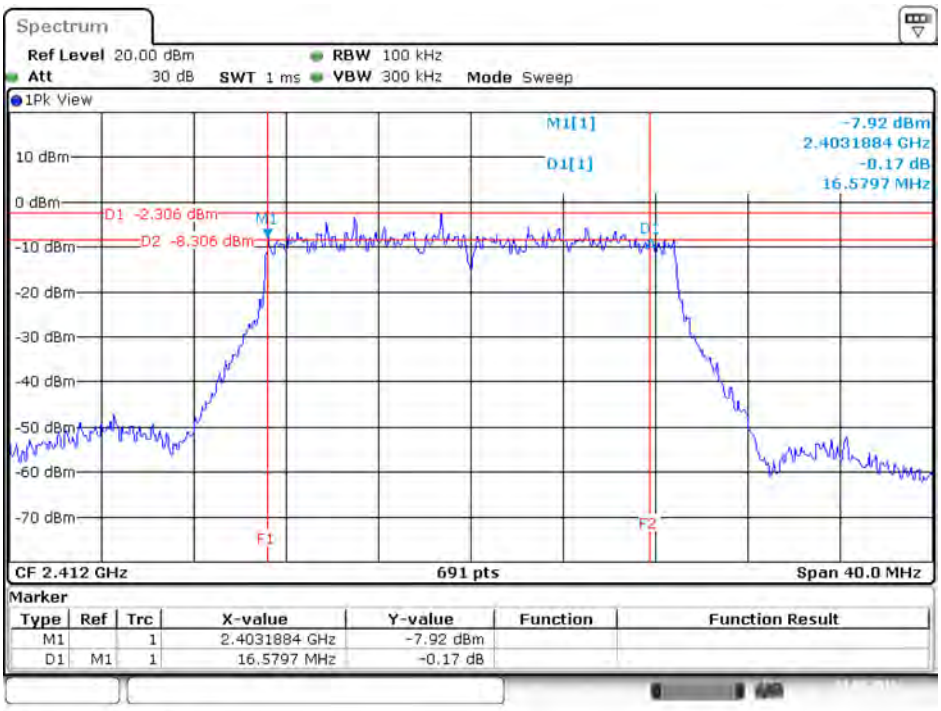

Date: 21.MAY.2016 18:58:37

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 4



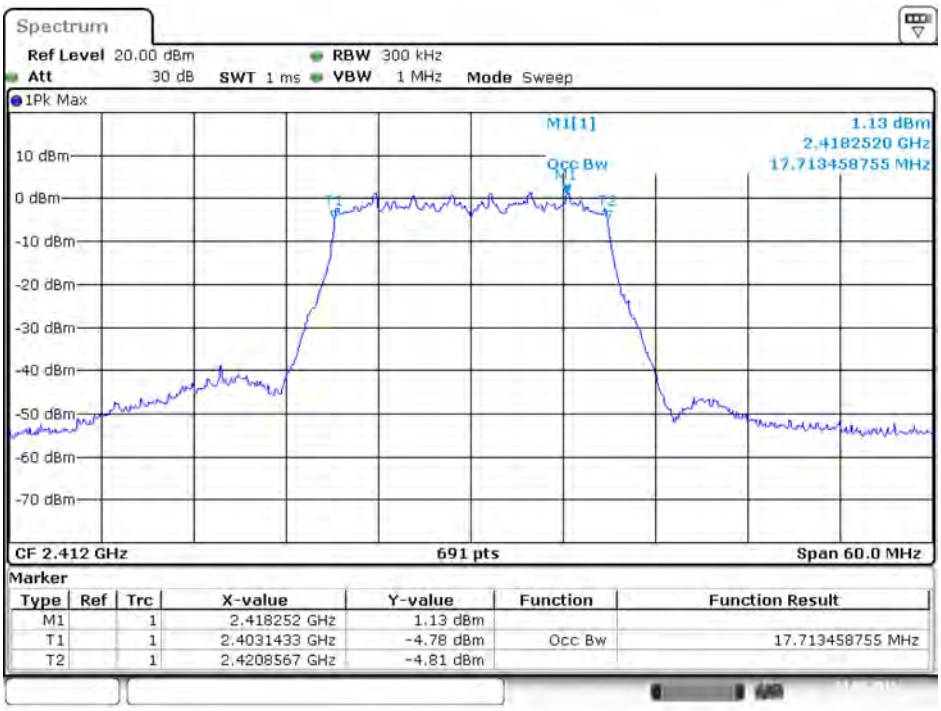

Date: 21.MAY.2016 15:22:53

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 1



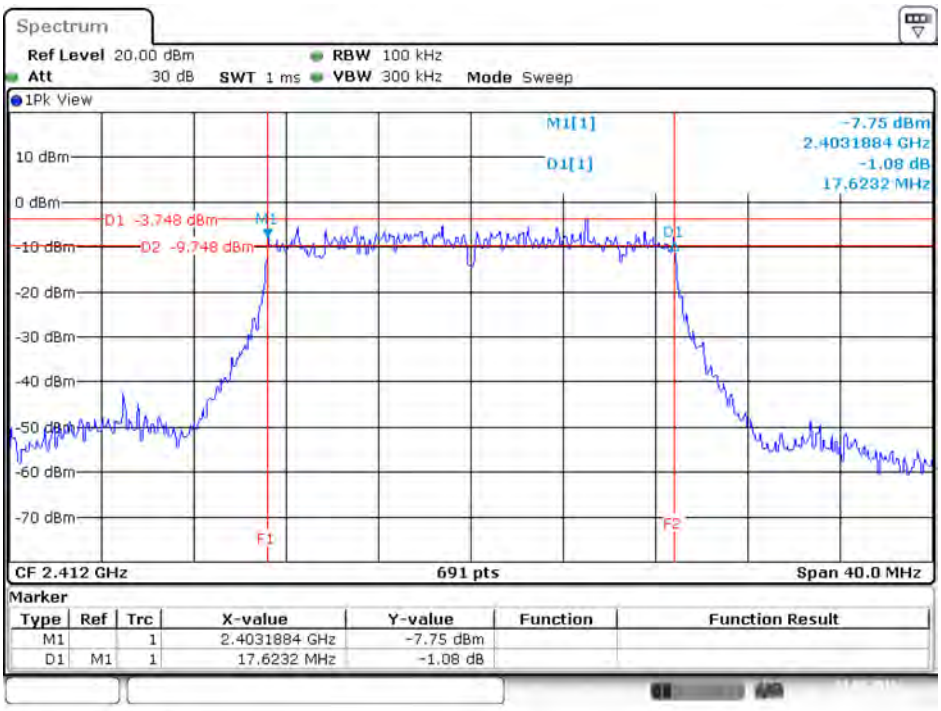

Date: 21.MAY.2016 19:37:20

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 1



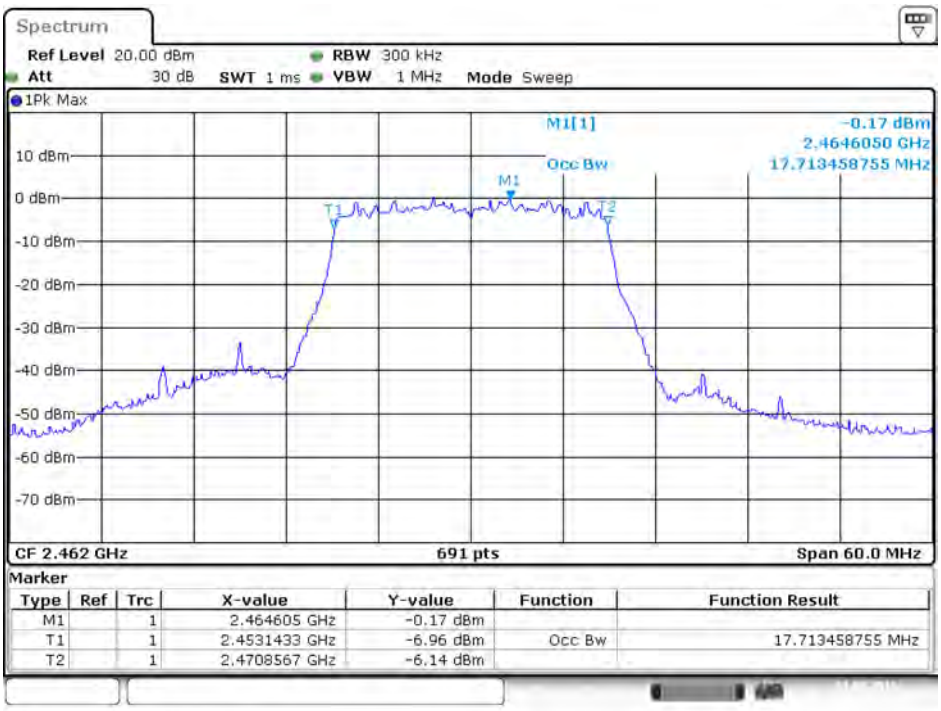

Date: 21.MAY.2016 16:53:37

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2412 MHz / Chain 2



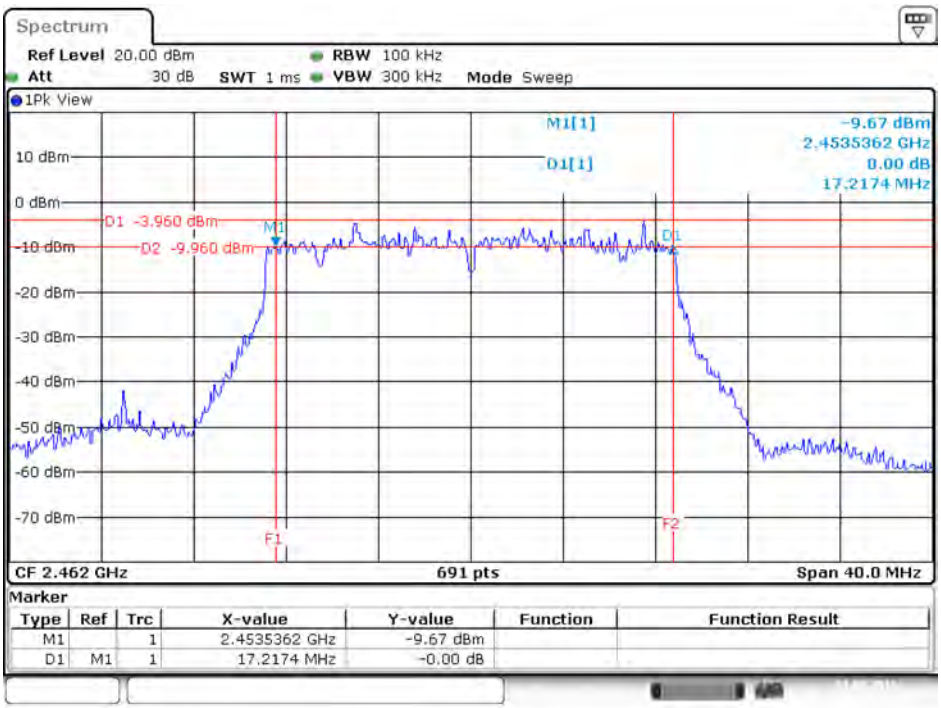

Date: 21.MAY.2016 19:37:34

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 2




Date: 21.MAY.2016 16:50:05

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 3

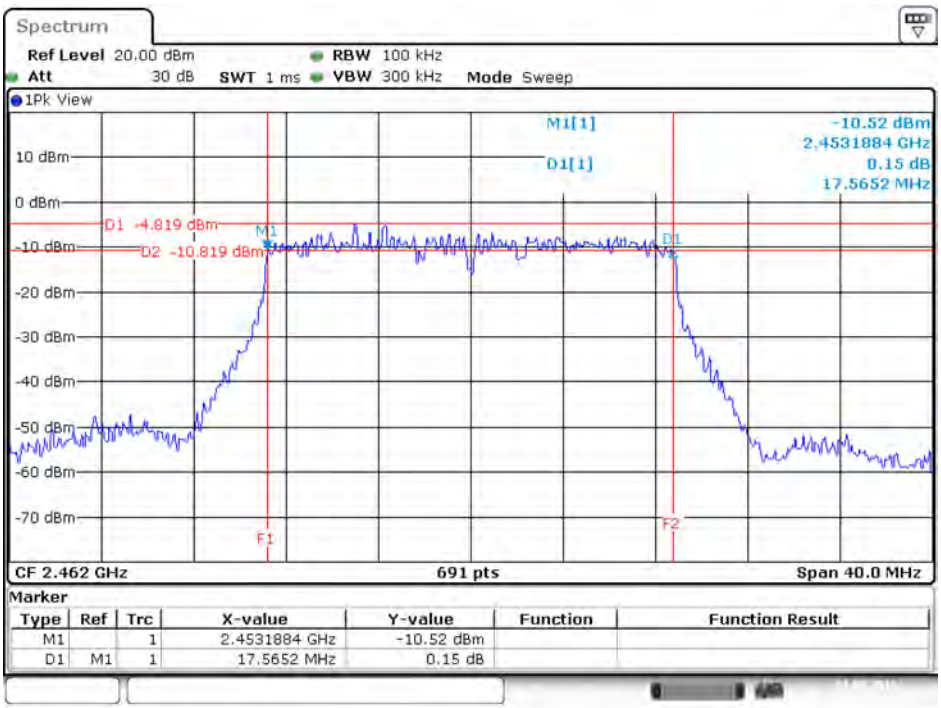



Date: 21.MAY.2016 19:50:28

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 3

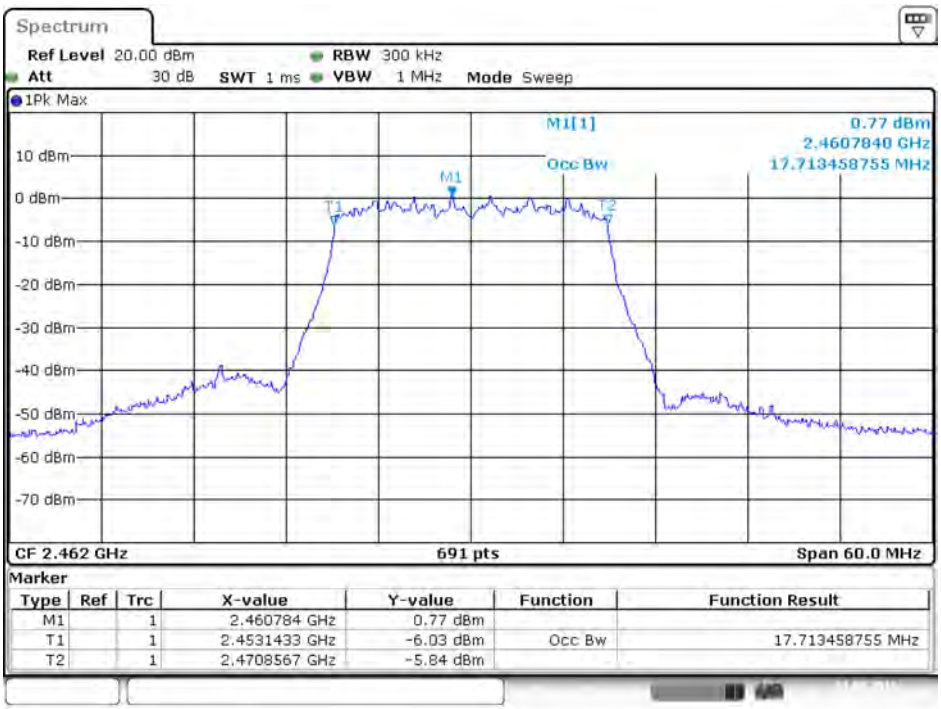

Date: 21.MAY.2016 16:51:46

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 4



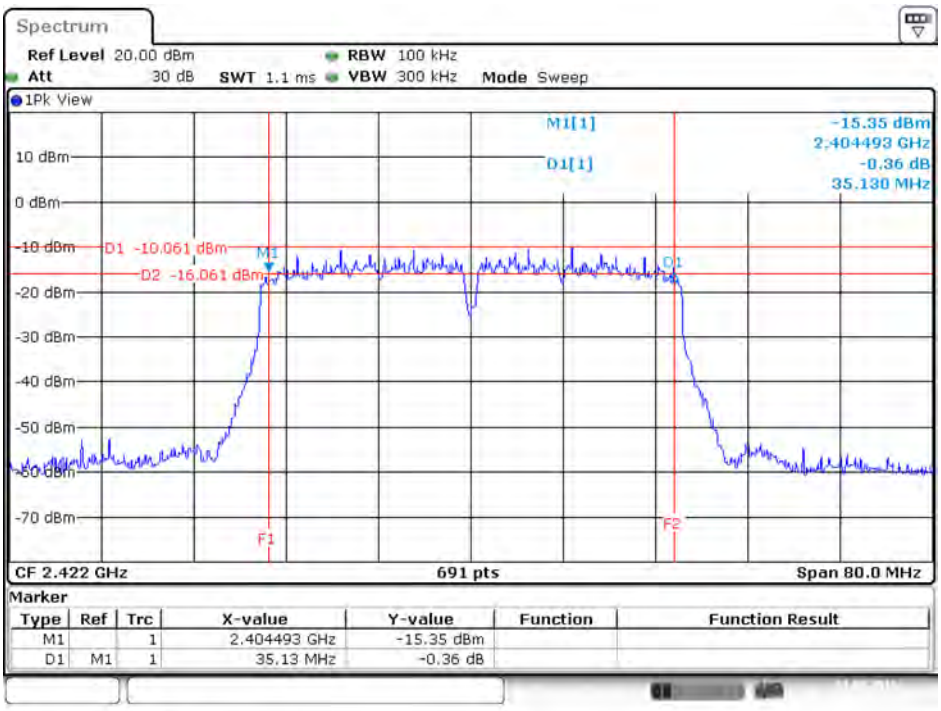

Date: 21.MAY.2016 19:50:11

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / 2462 MHz / Chain 4



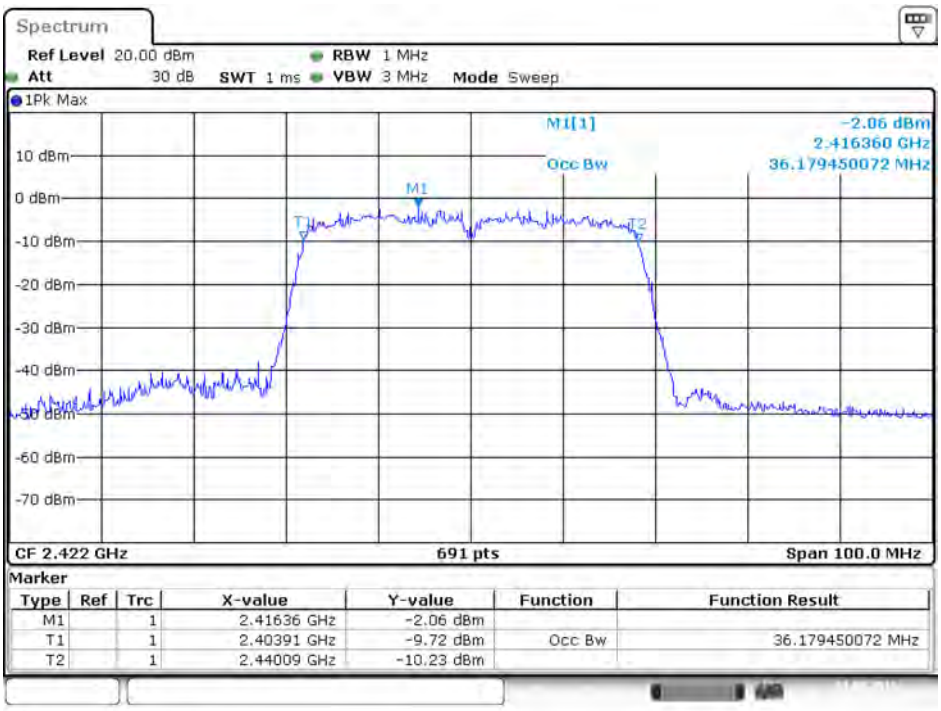

Date: 21.MAY.2016 16:49:35

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 1



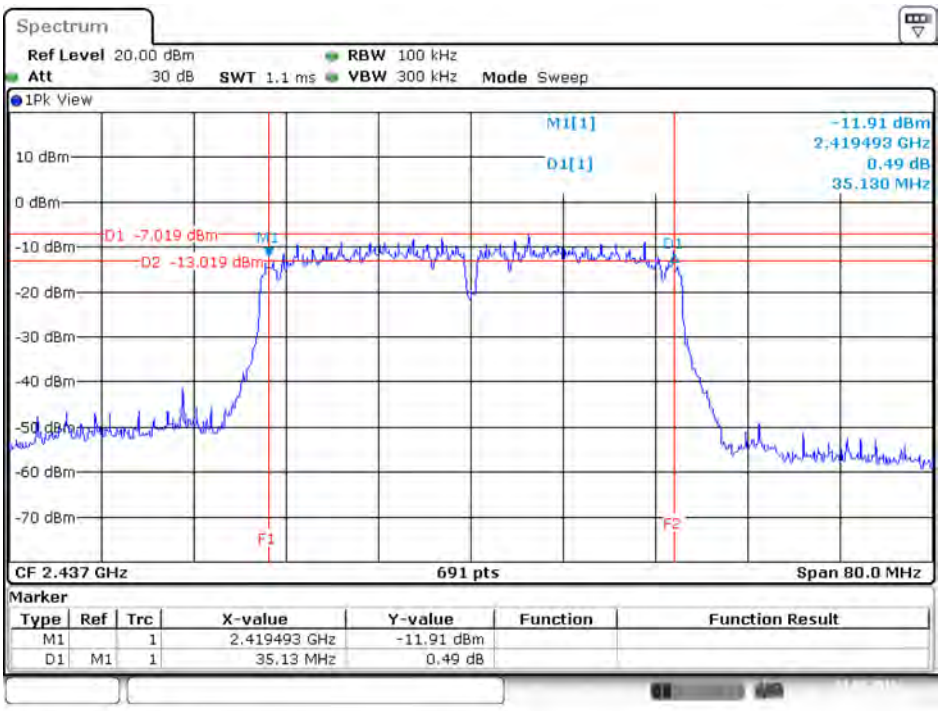

Date: 21.MAY.2016 19:53:02

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2422 MHz / Chain 1



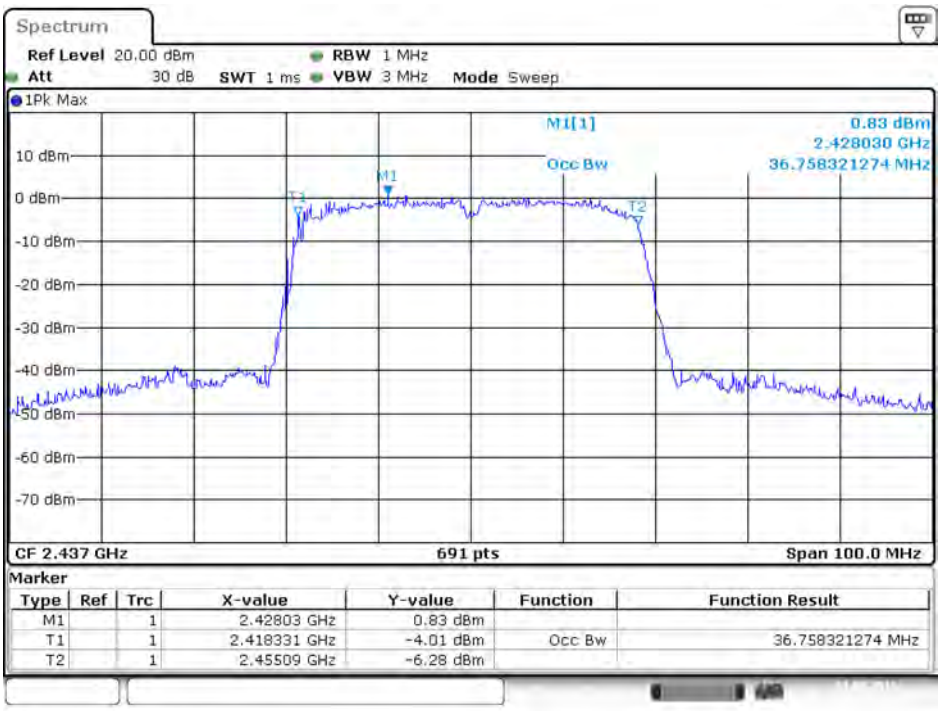

Date: 21.MAY.2016 14:55:02

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 2



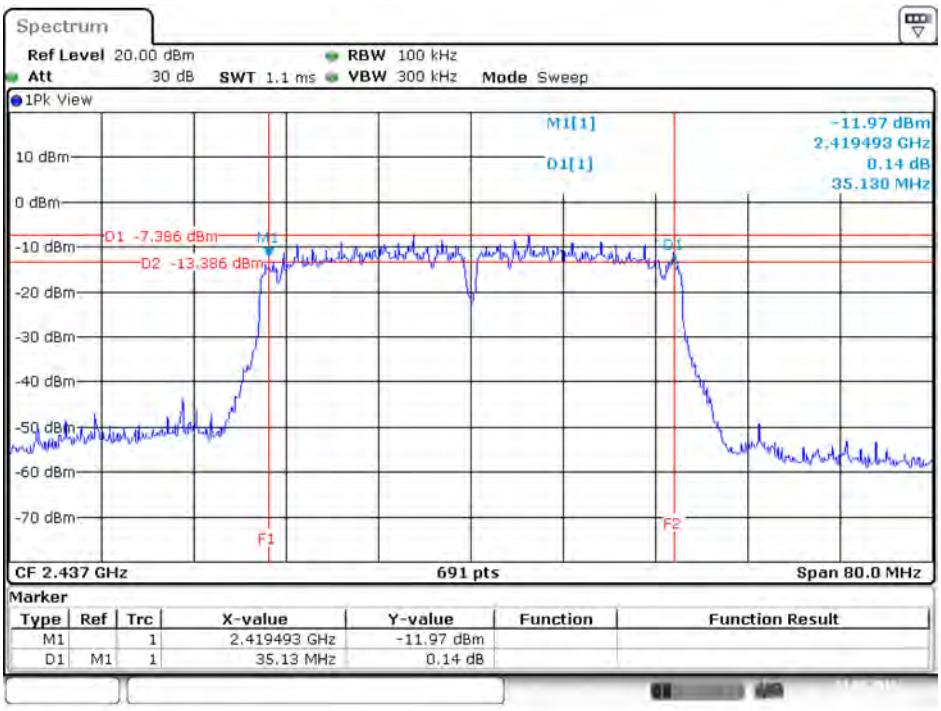

Date: 21.MAY.2016 20:06:25

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 2



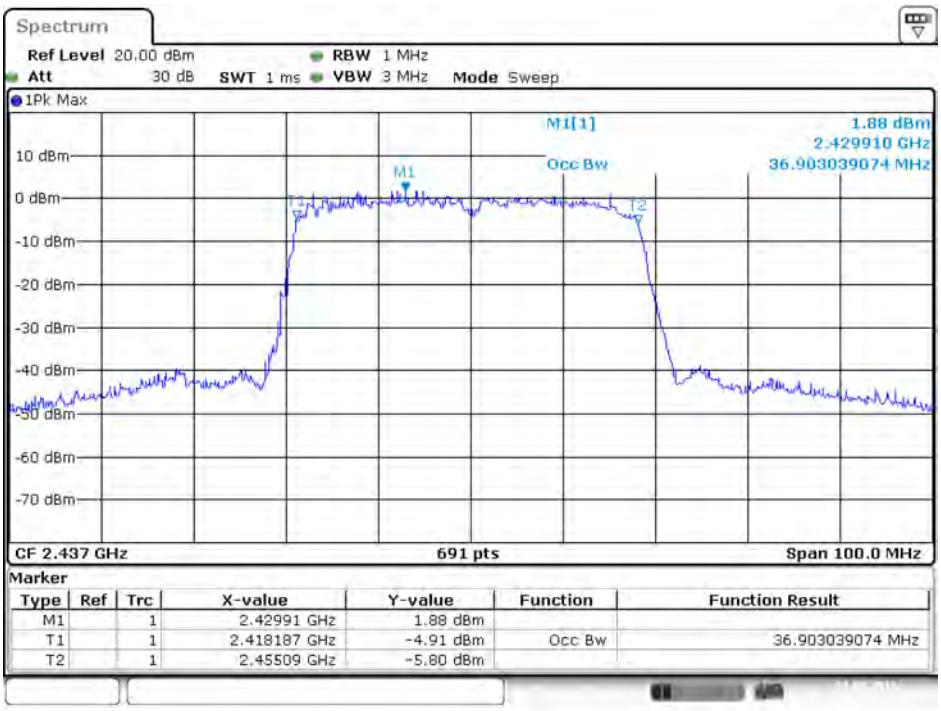

Date: 21.MAY.2016 14:52:20

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 3



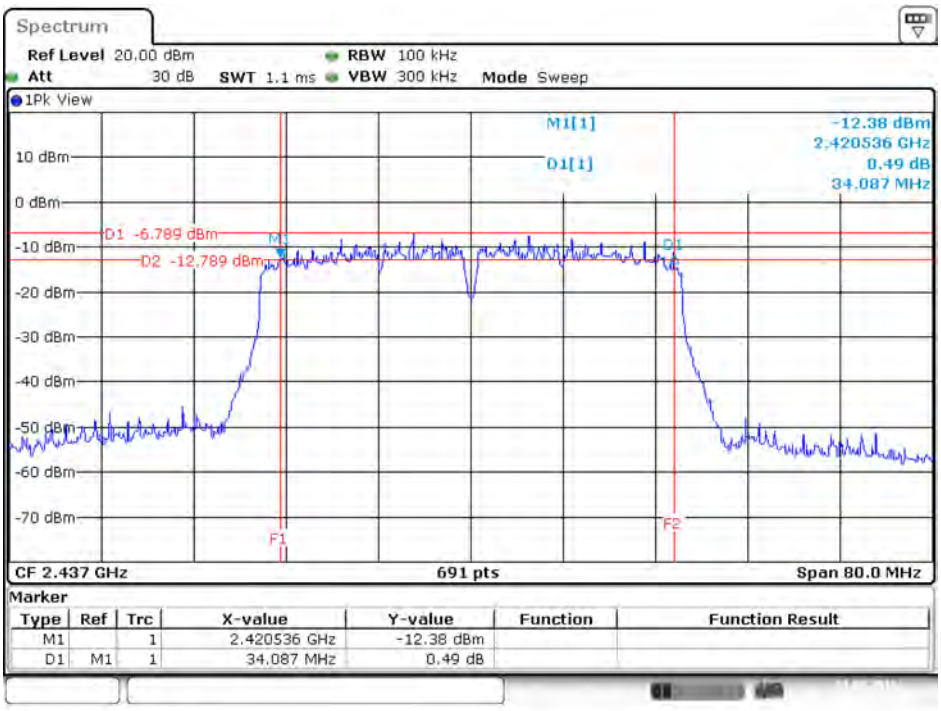

Date: 21.MAY.2016 20:06:42

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 3



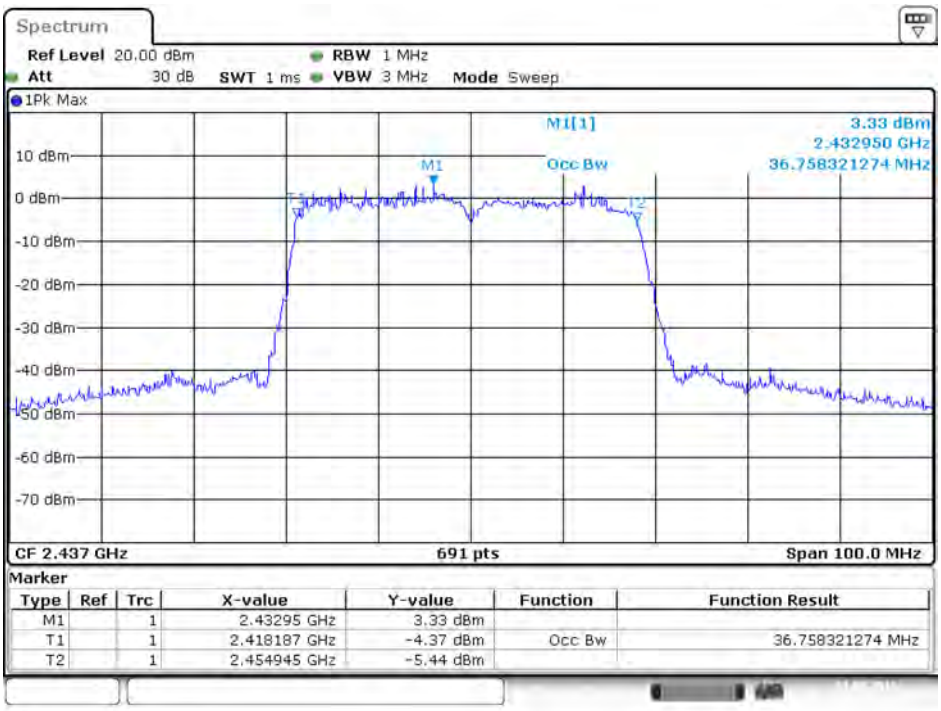

Date: 21.MAY.2016 14:52:33

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 4



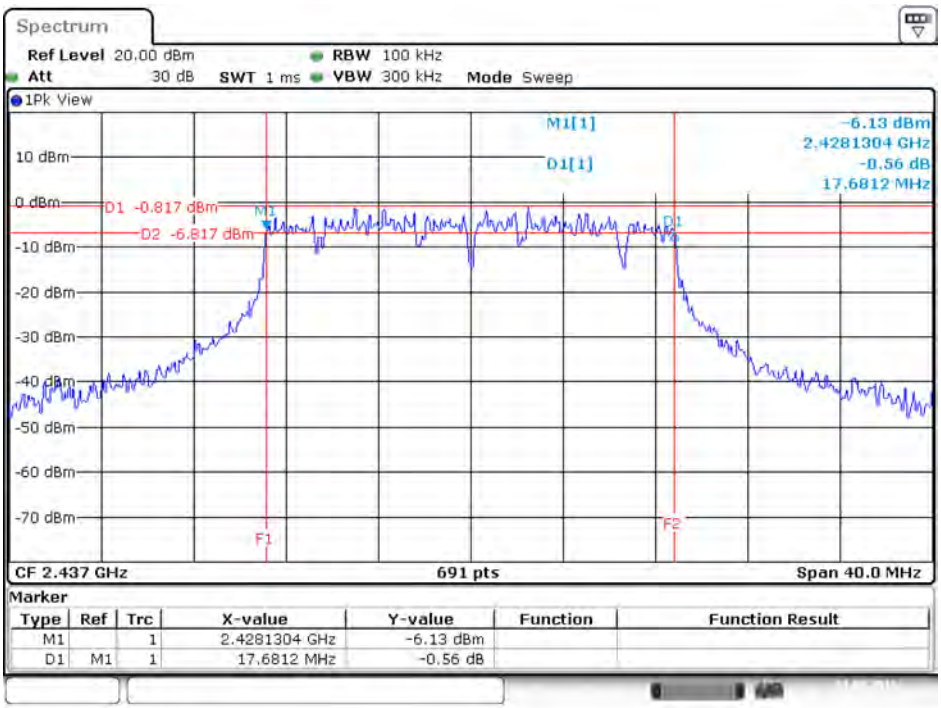

Date: 21.MAY.2016 20:06:53

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / 2437 MHz / Chain 4



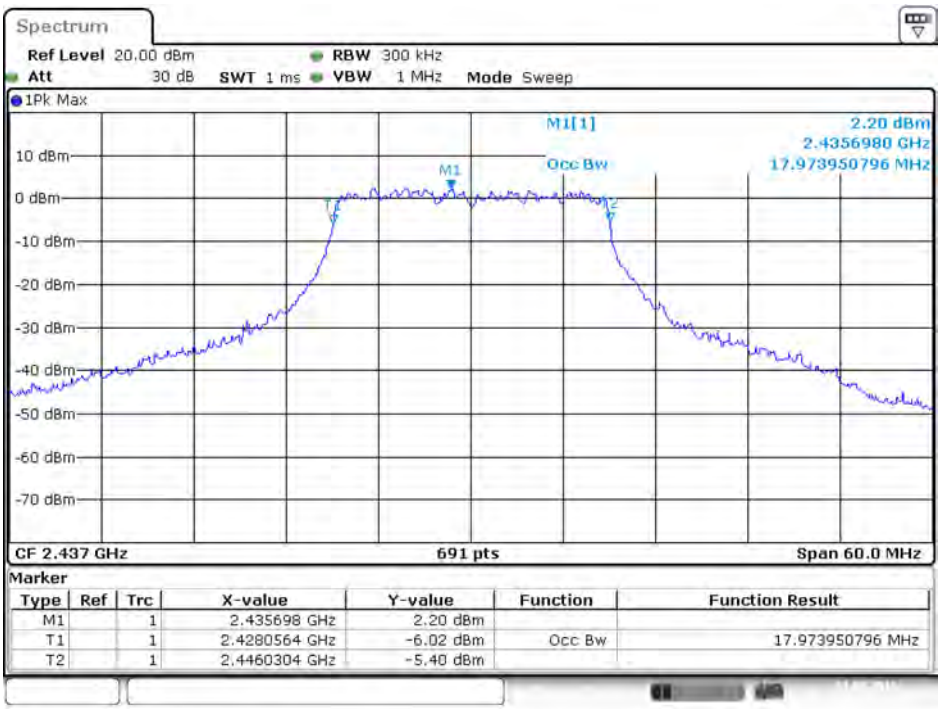

Date: 21.MAY.2016 14:52:46

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 1



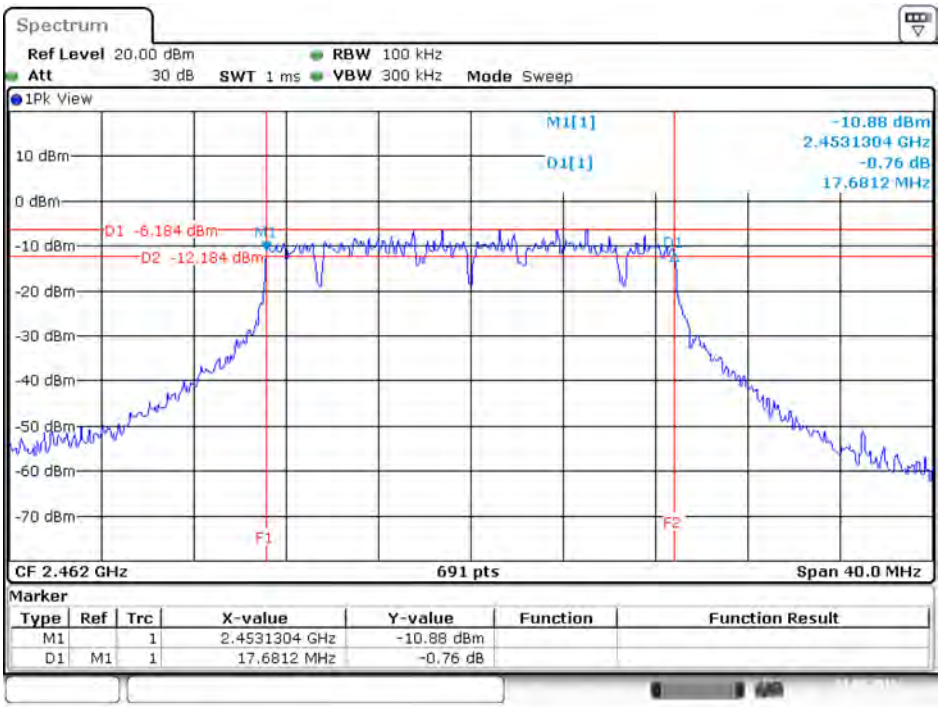

Date: 21.MAY.2016 20:30:33

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 1



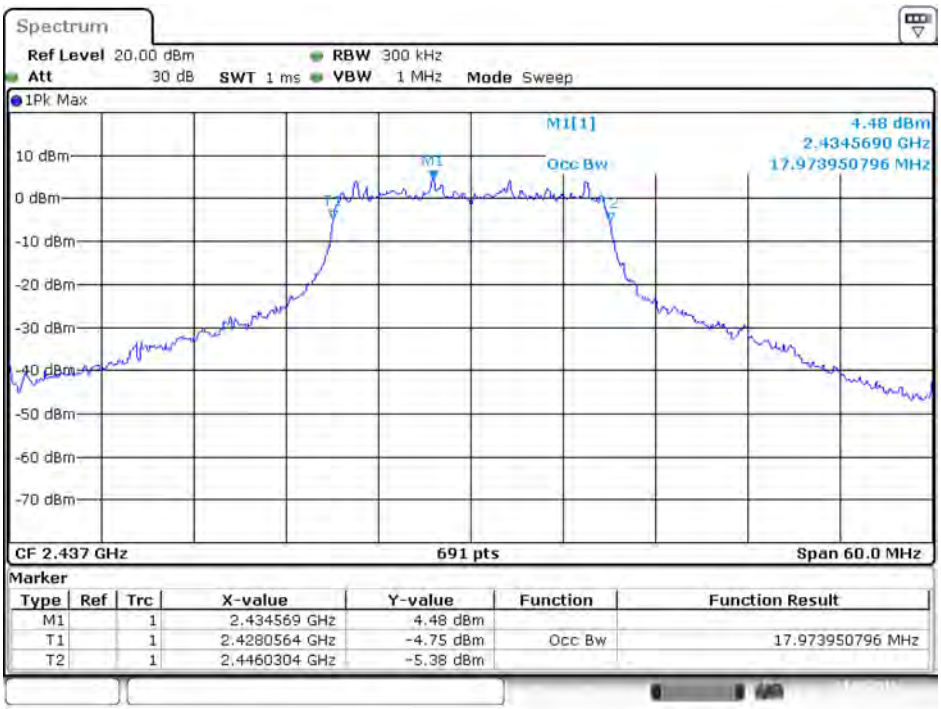

Date: 21.MAY.2016 17:45:15

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2462 MHz / Chain 2



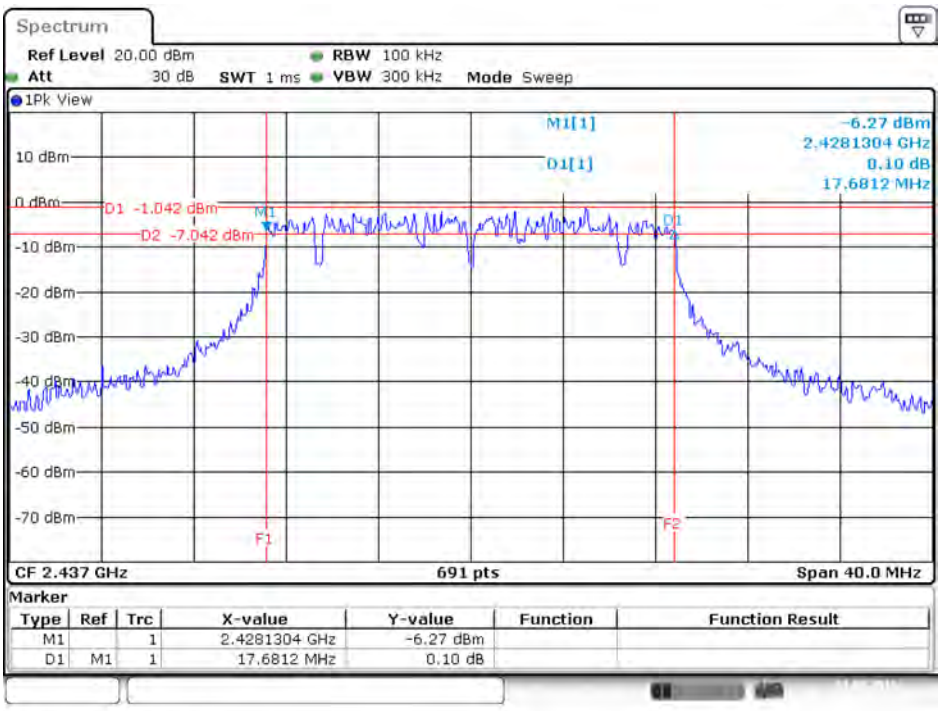

Date: 21.MAY.2016 20:40:22

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 2



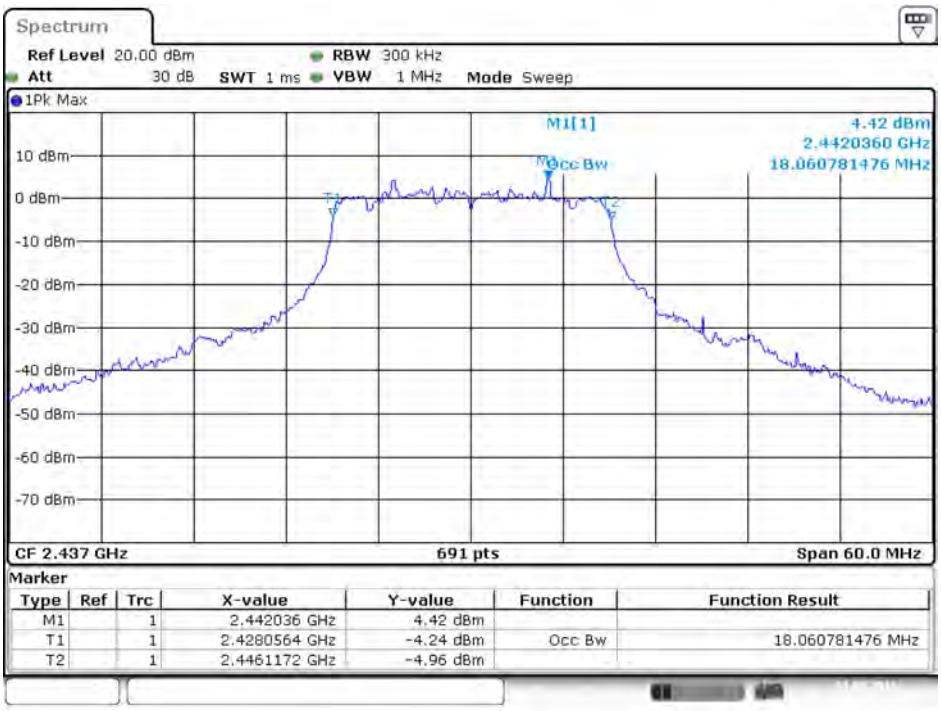

Date: 21.MAY.2016 17:45:29

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 3



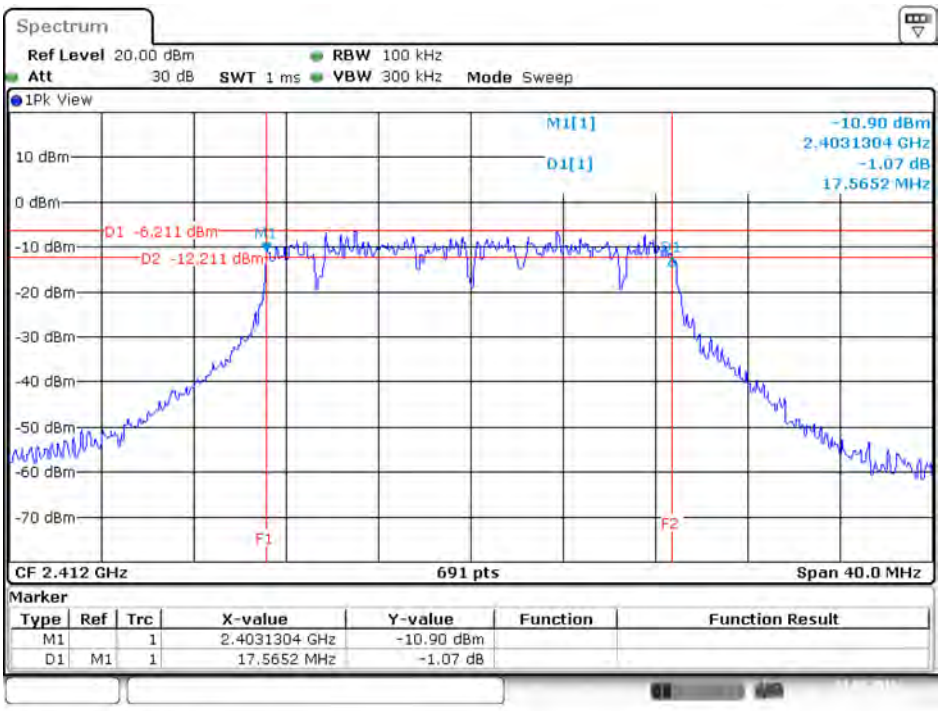

Date: 21.MAY.2016 20:31:03

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 3



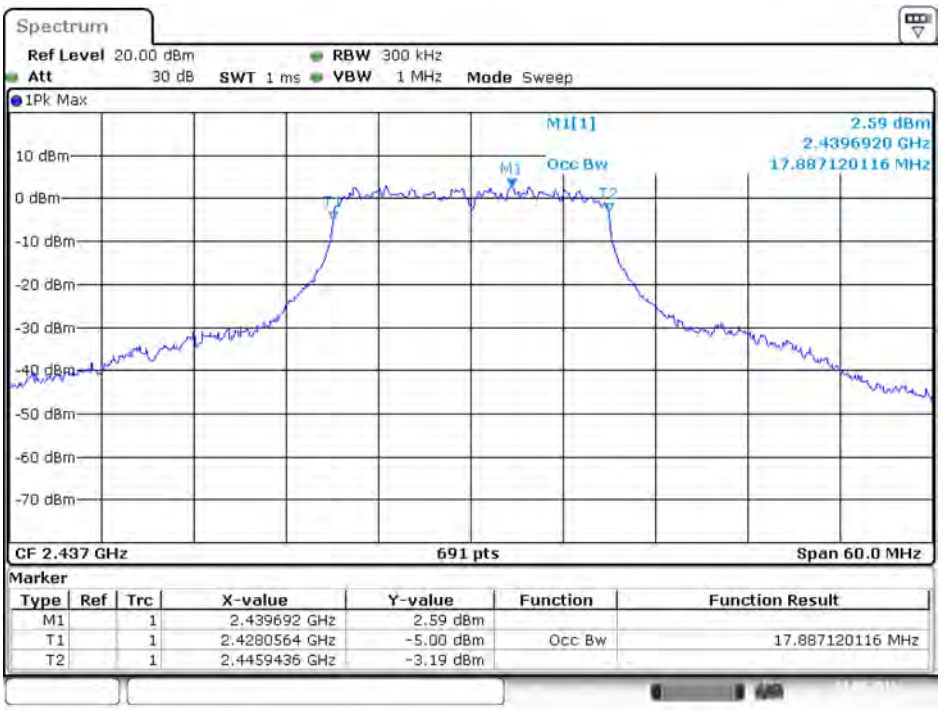

Date: 21.MAY.2016 17:45:41

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2412 MHz / Chain 4



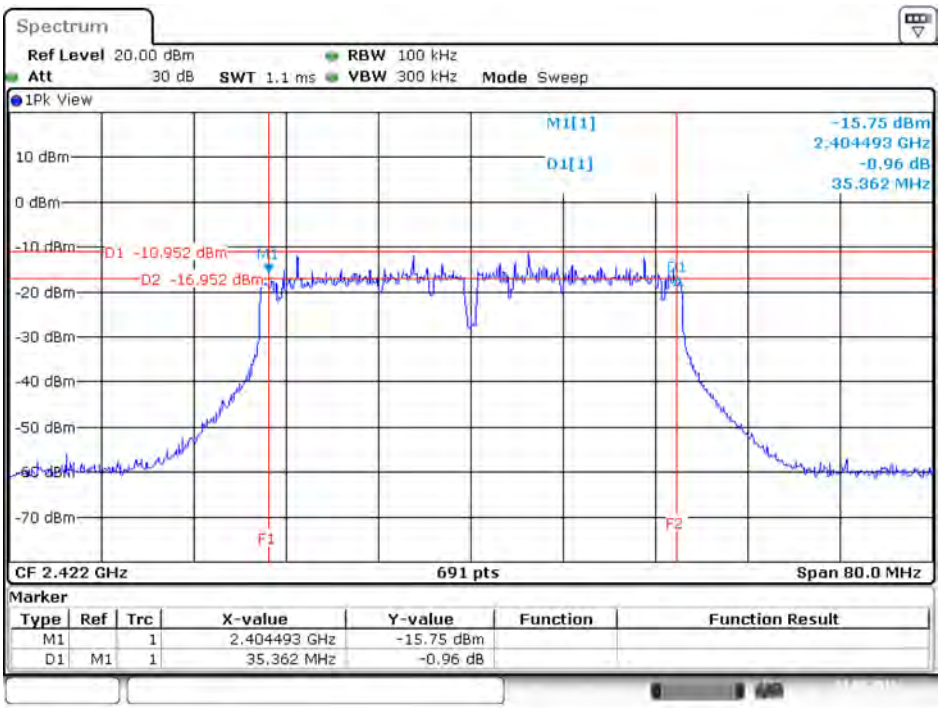

Date: 21.MAY.2016 20:29:50

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20 / 2437 MHz / Chain 4



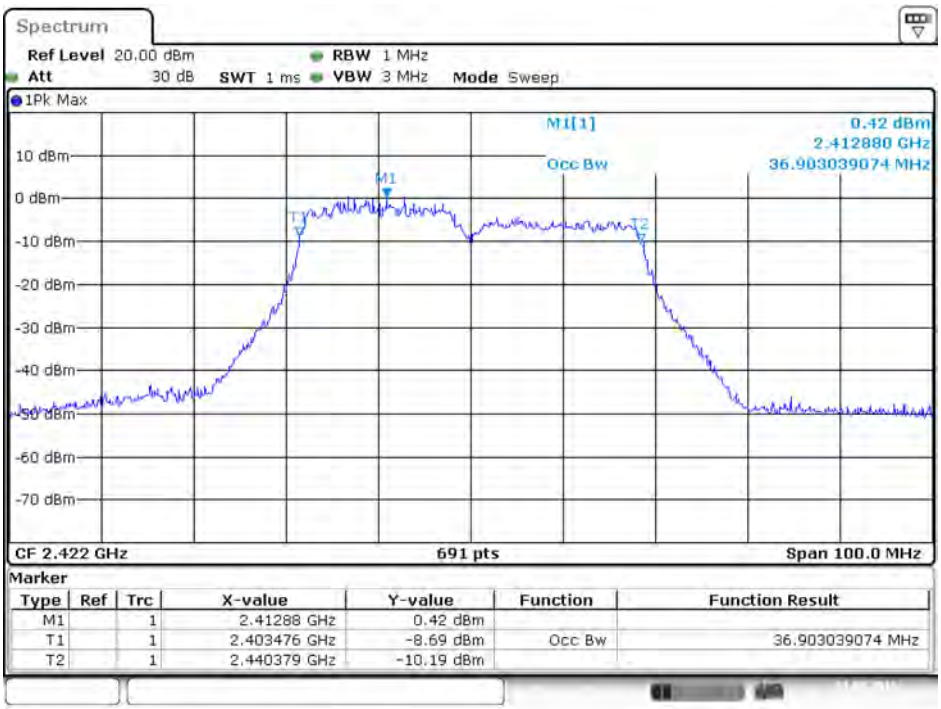

Date: 21.MAY.2016 17:45:57

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 1



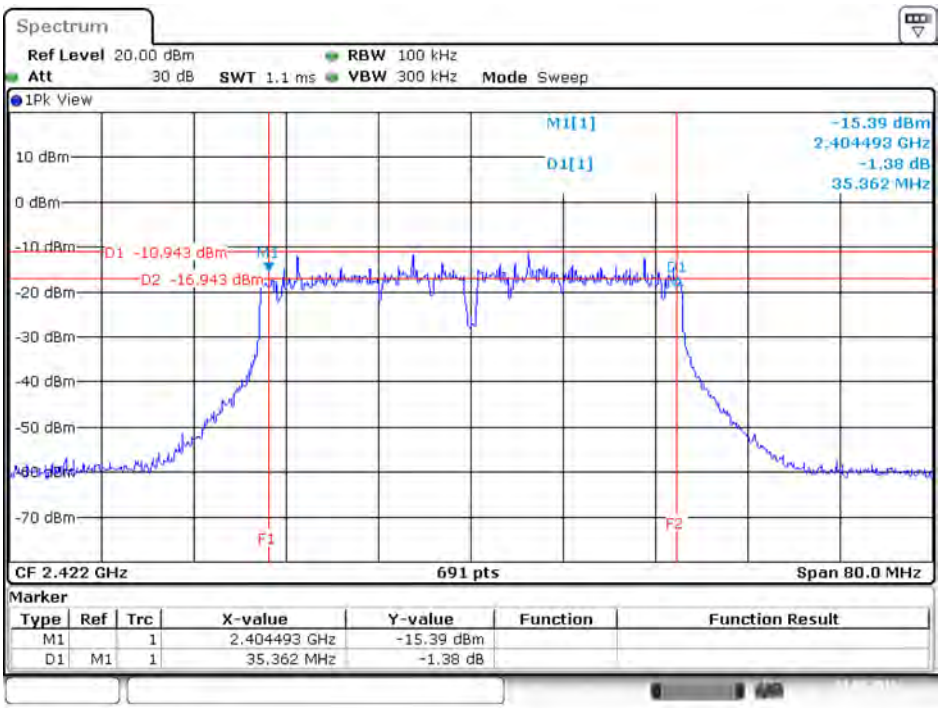

Date: 21.MAY.2016 20:42:06

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 1



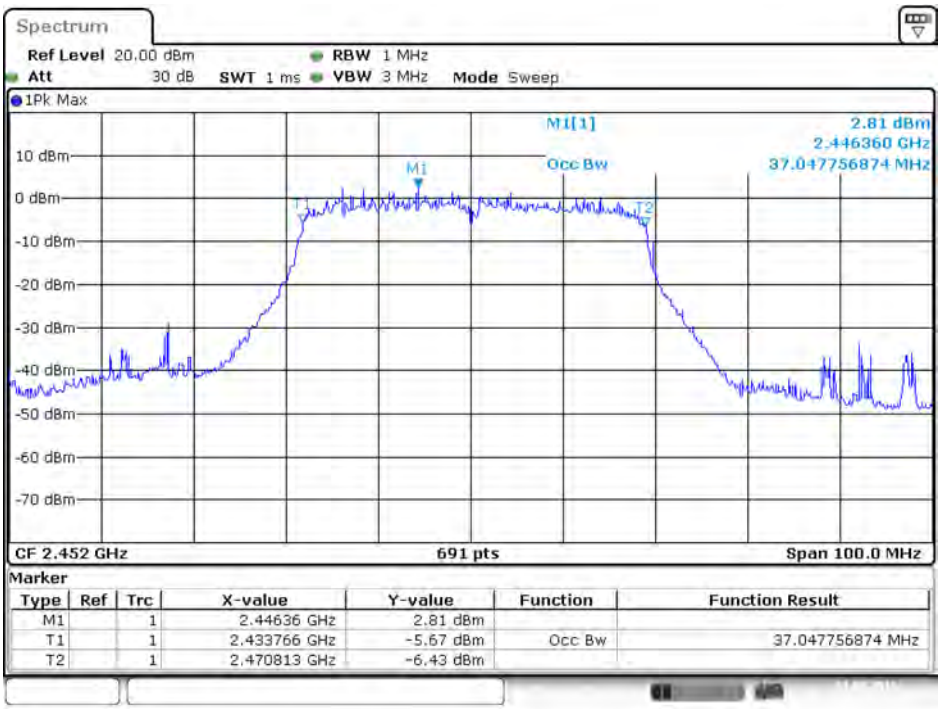

Date: 21.MAY.2016 12:03:47

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2422 MHz / Chain 2



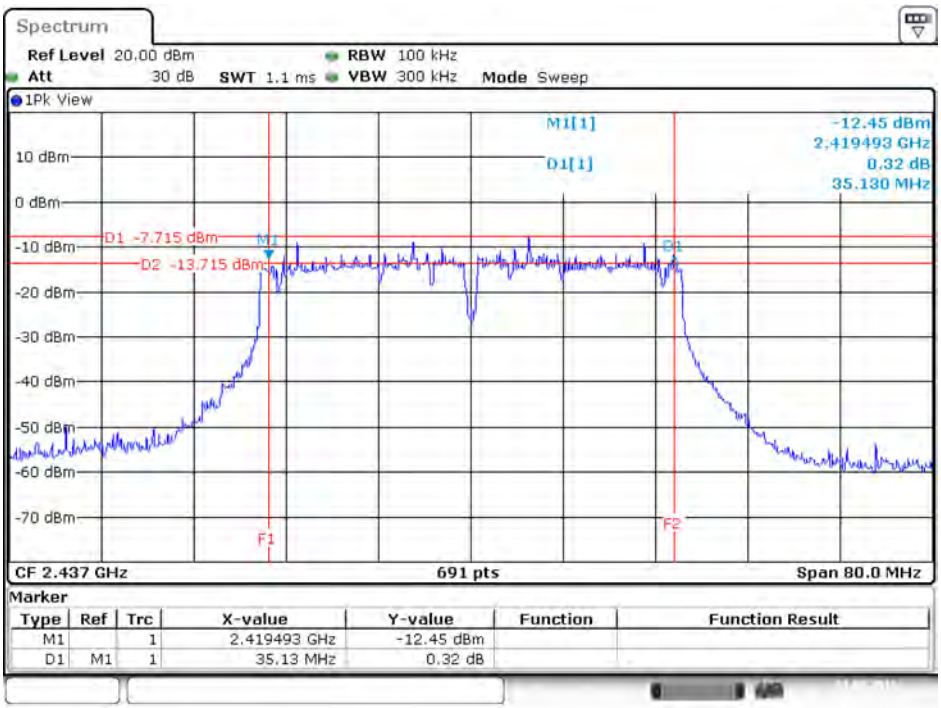

Date: 21.MAY.2016 20:42:30

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 2



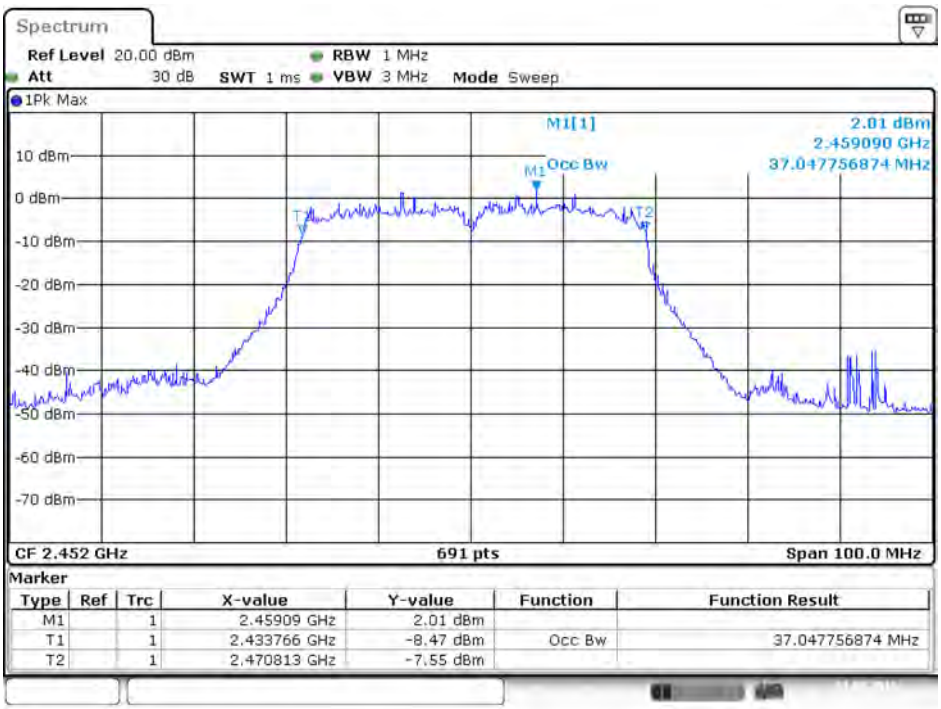

Date: 21.MAY.2016 12:09:38

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 3



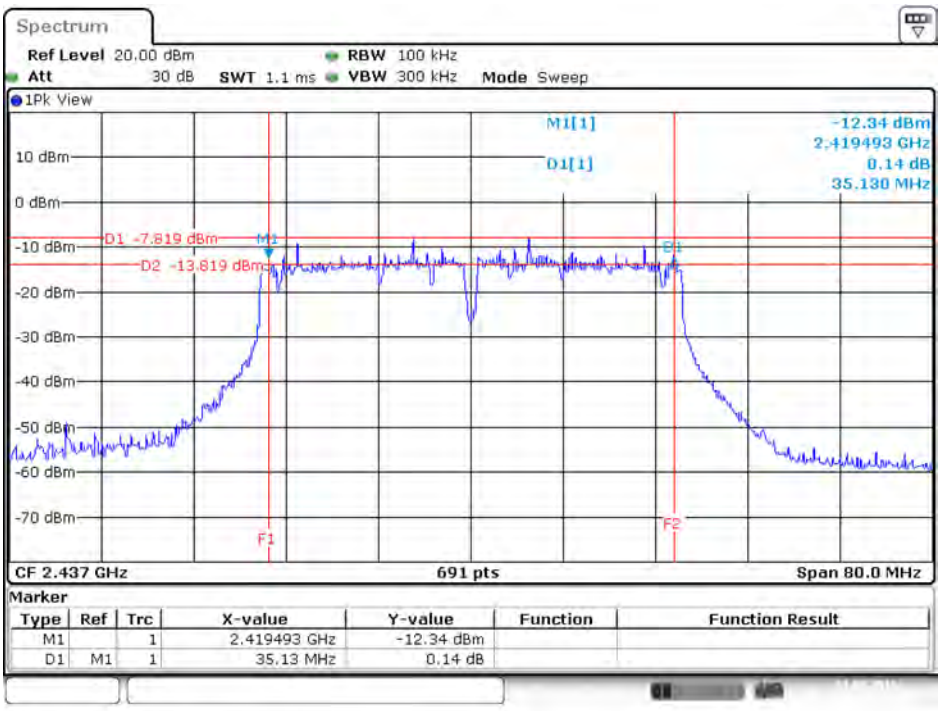

Date: 21.MAY.2016 20:52:26

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 3



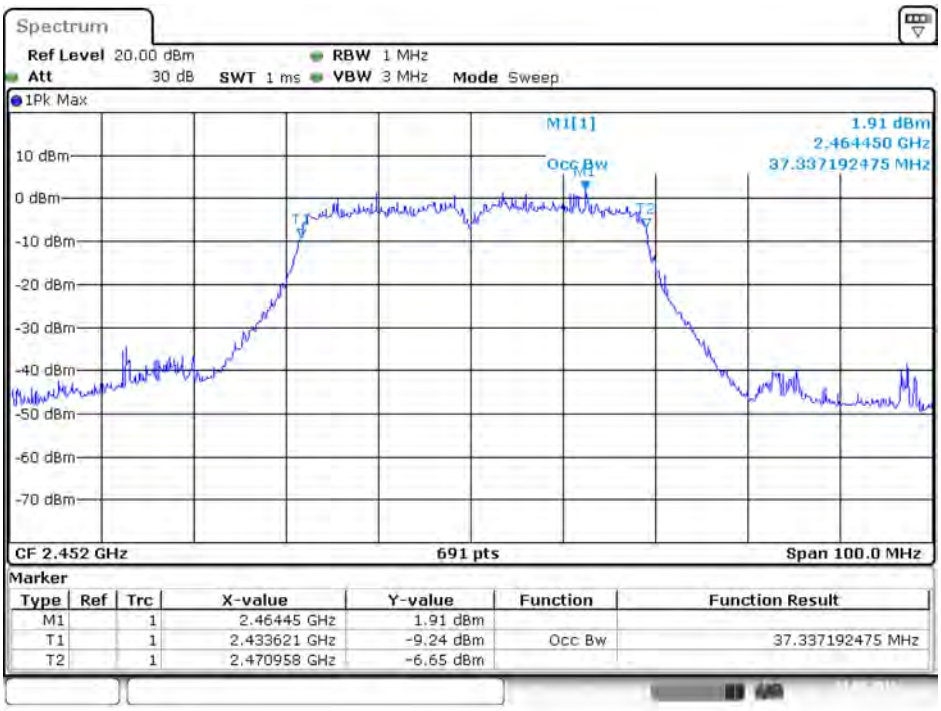

Date: 21.MAY.2016 12:09:16

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2437 MHz / Chain 4




Date: 21.MAY.2016 20:52:38

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40 / 2452 MHz / Chain 4

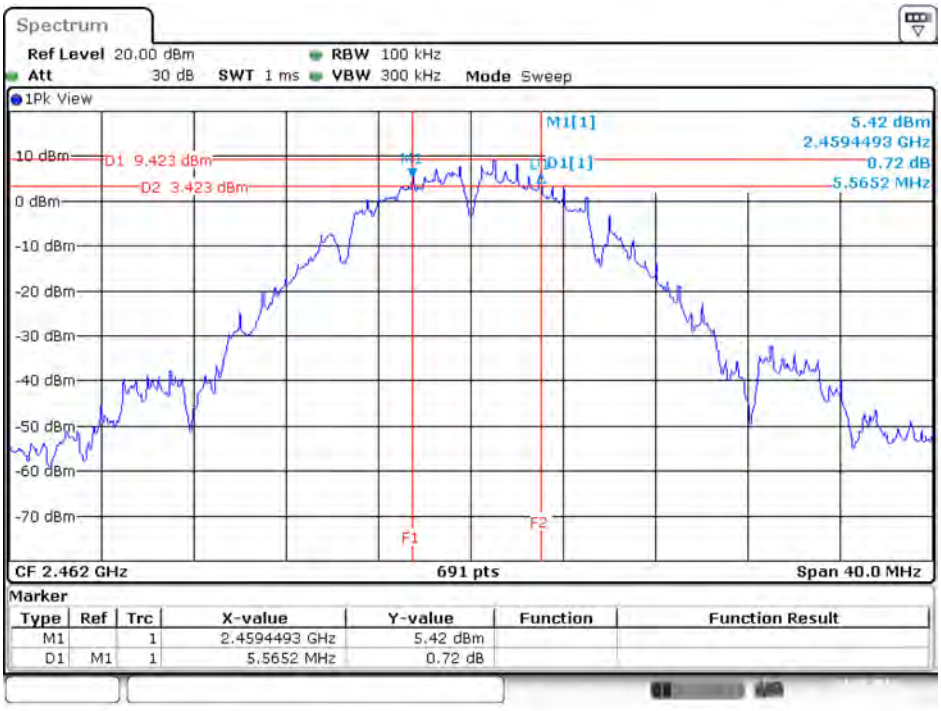



Date: 21.MAY.2016 12:09:00

**<For Radio 3 Mode>**

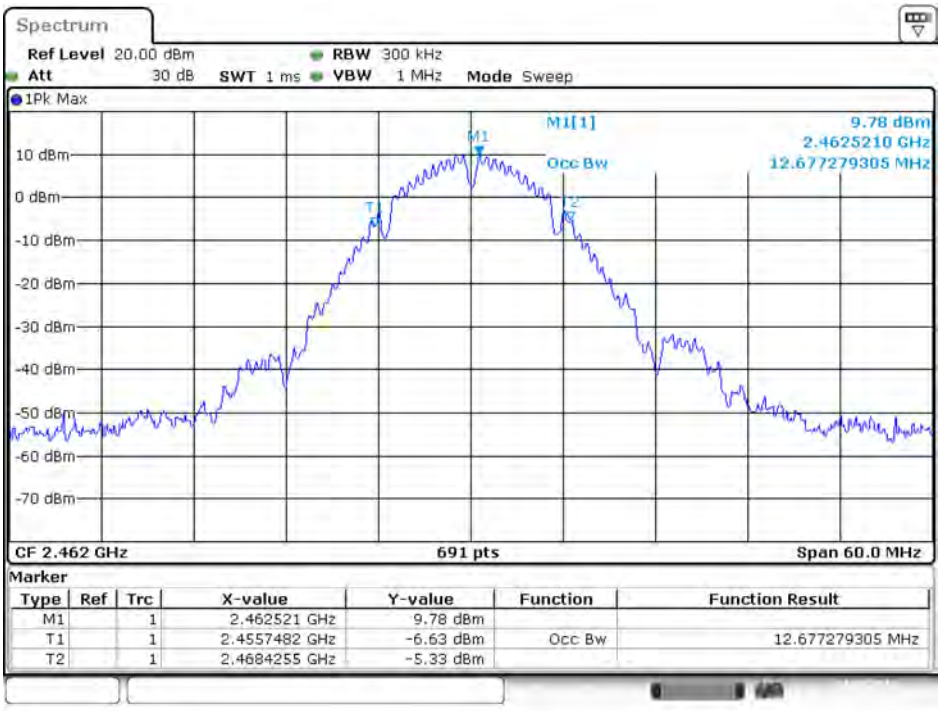
**For Mode 5:**

**6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 5**



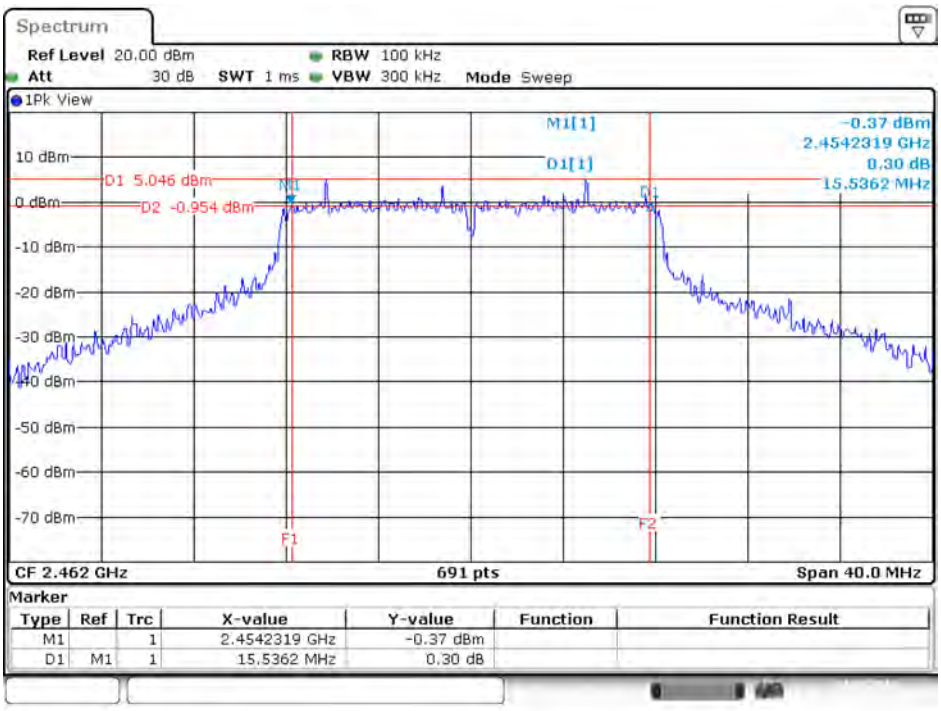

Date: 24.MAY.2016 10:26:31

**99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 5**



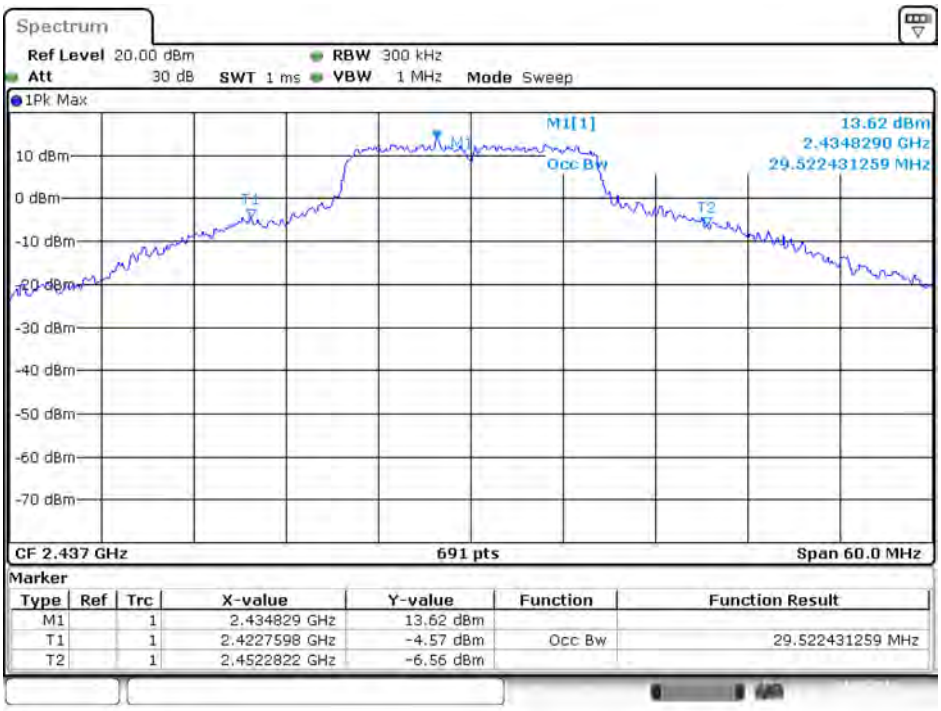

Date: 24.MAY.2016 10:42:03

## 6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 5



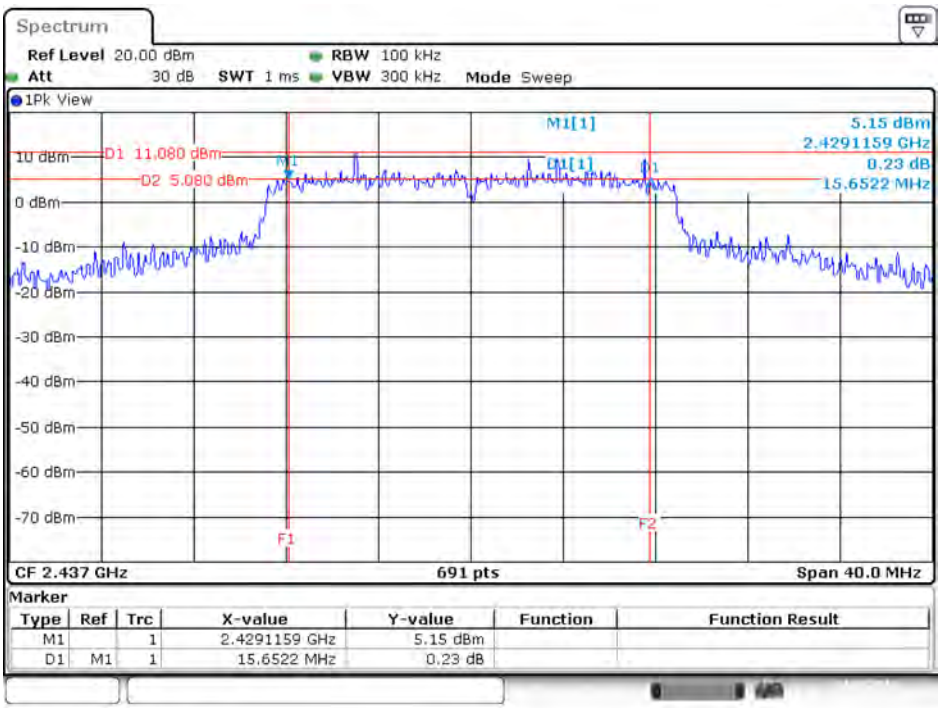

Date: 24.MAY.2016 10:28:18

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 5



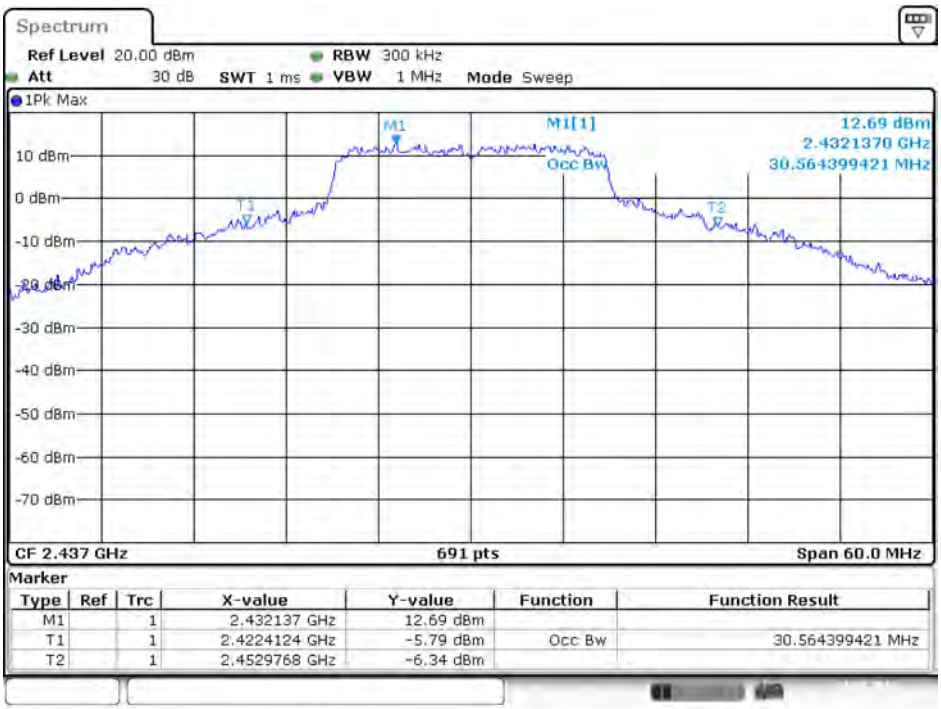

Date: 24.MAY.2016 10:39:25

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 5



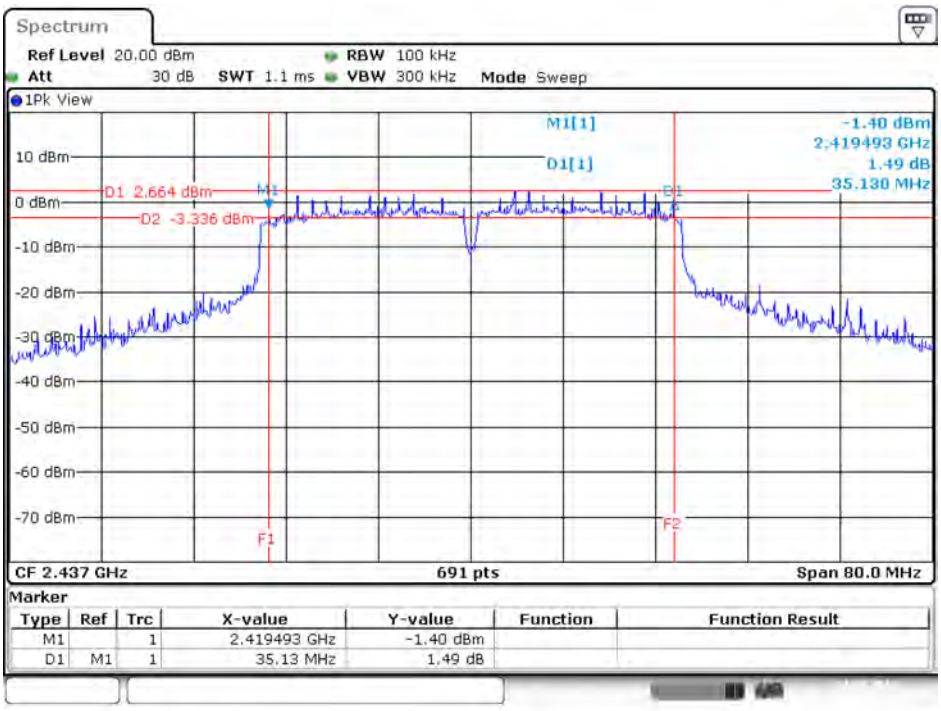

Date: 24.MAY.2016 10:29:22

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / 2437 MHz / Chain 5



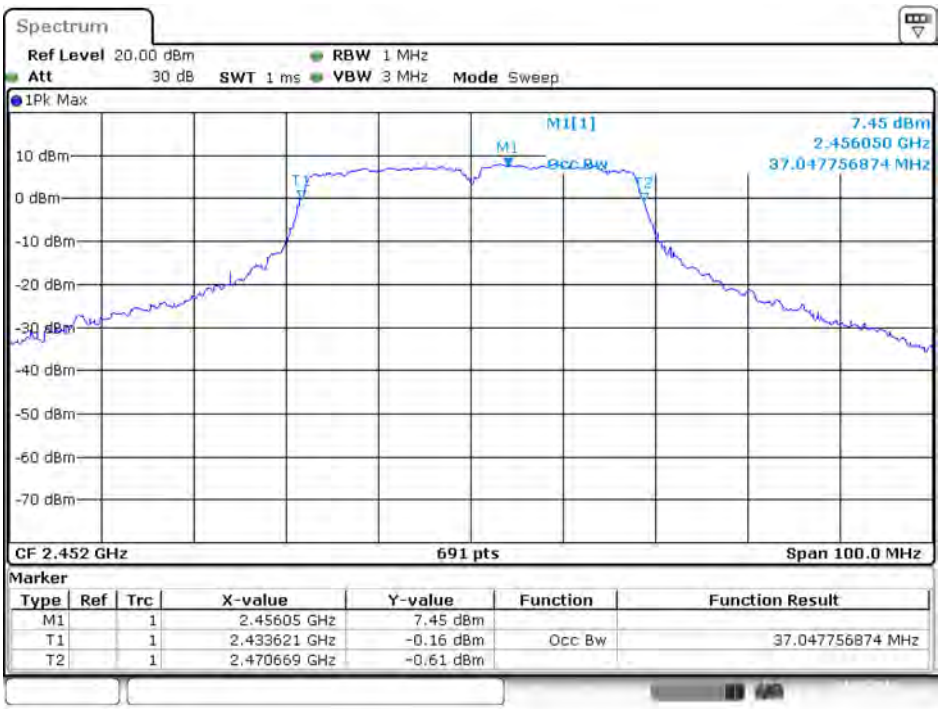

Date: 24.MAY.2016 10:37:09

## 6 dB Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2437 MHz / Chain 5




Date: 24.MAY.2016 10:30:49

## 99% Occupied Bandwidth Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / 2452 MHz / Chain 5




Date: 24.MAY.2016 10:33:18

## 4.5. Radiated Emissions Measurement

### 4.5.1. Limit

30dBc in any 100 kHz bandwidth outside the operating frequency band. 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 | 10th carrier harmonic |
| RBW / VBW (Emission in restricted band) | 1MHz / 3MHz for Peak,<br>1MHz / 1/T for Average |
| RBW / VBW (Emission in non-restricted band) | 100kHz / 300kHz for peak |

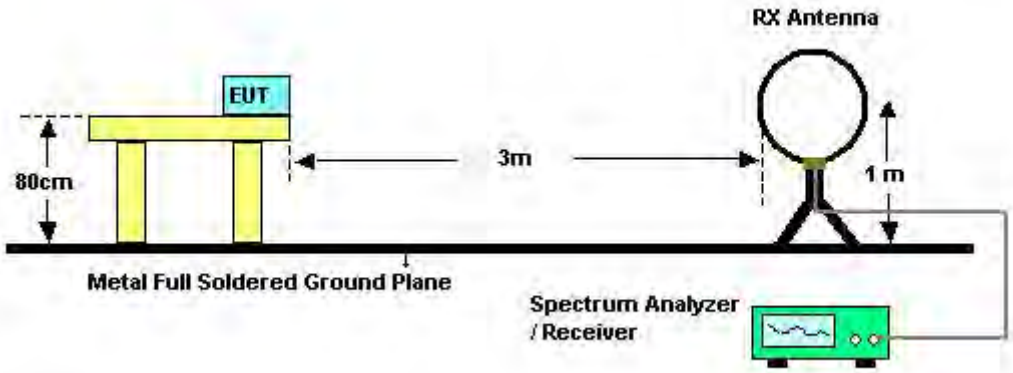
| Receiver Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9kHz~150kHz / RBW 200Hz for QP |
| Start ~ Stop Frequency | 150kHz~30MHz / RBW 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RBW 120kHz for QP |

### 4.5.3. Test Procedures

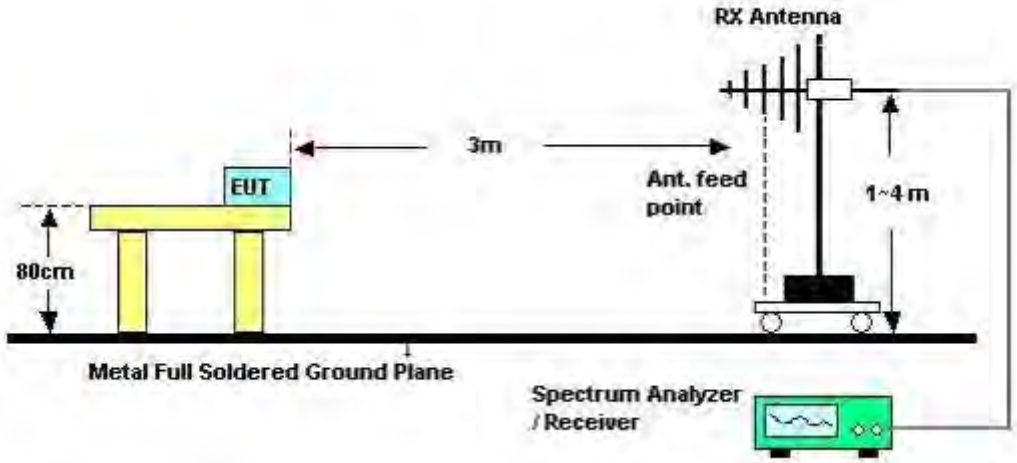
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 1m & 3m far away from the turntable.
2. Power on the EUT and all the supporting 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

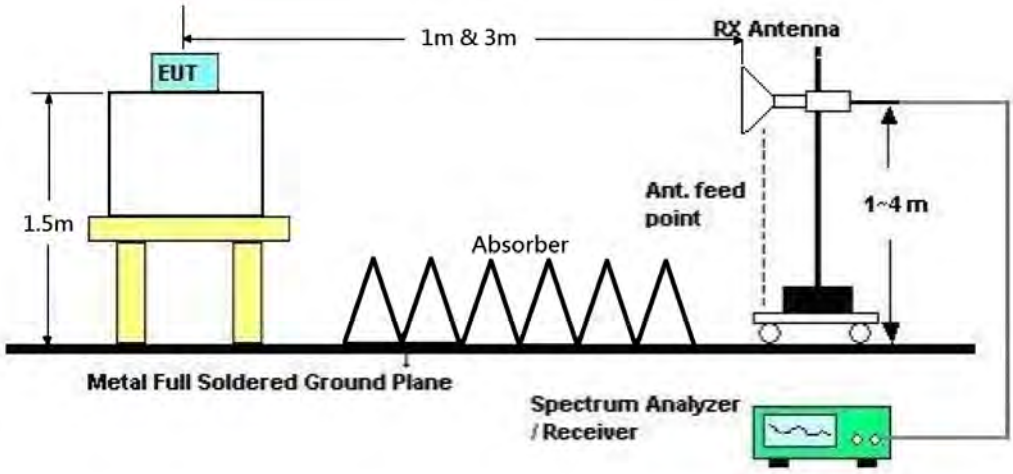
### For Radiated Emissions: 9kHz ~30MHz




### For Radiated Emissions: 30MHz~1GHz




### For Radiated Emissions: Above 1GHz



### 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 of Radiated Emissions (9kHz~30MHz)

| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | Normal Link |
| Test Date | May 20, 2016 | | |

| Freq. (MHz) | Level (dBuV) | Over Limit (dB) | Limit Line (dBuV) | Remark |
|---|---|---|---|---|
| - | - | - | - | See Note |

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

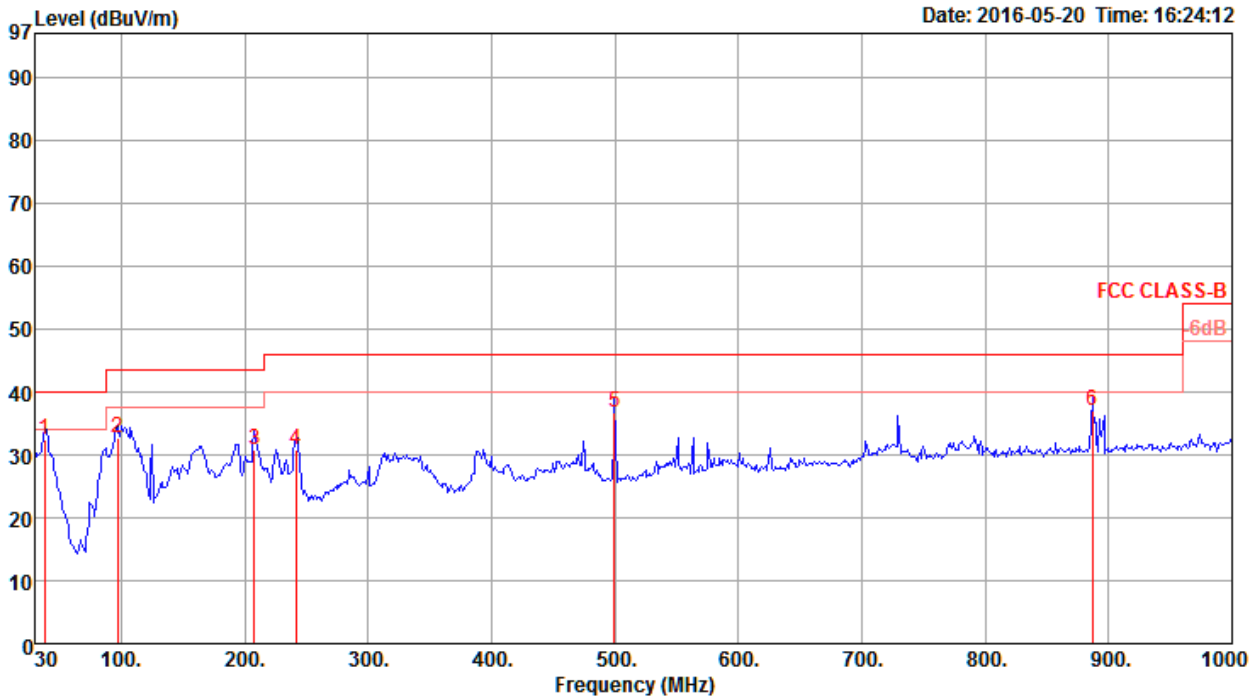
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

## 4.5.8. Results of Radiated Emissions (30MHz~1GHz)

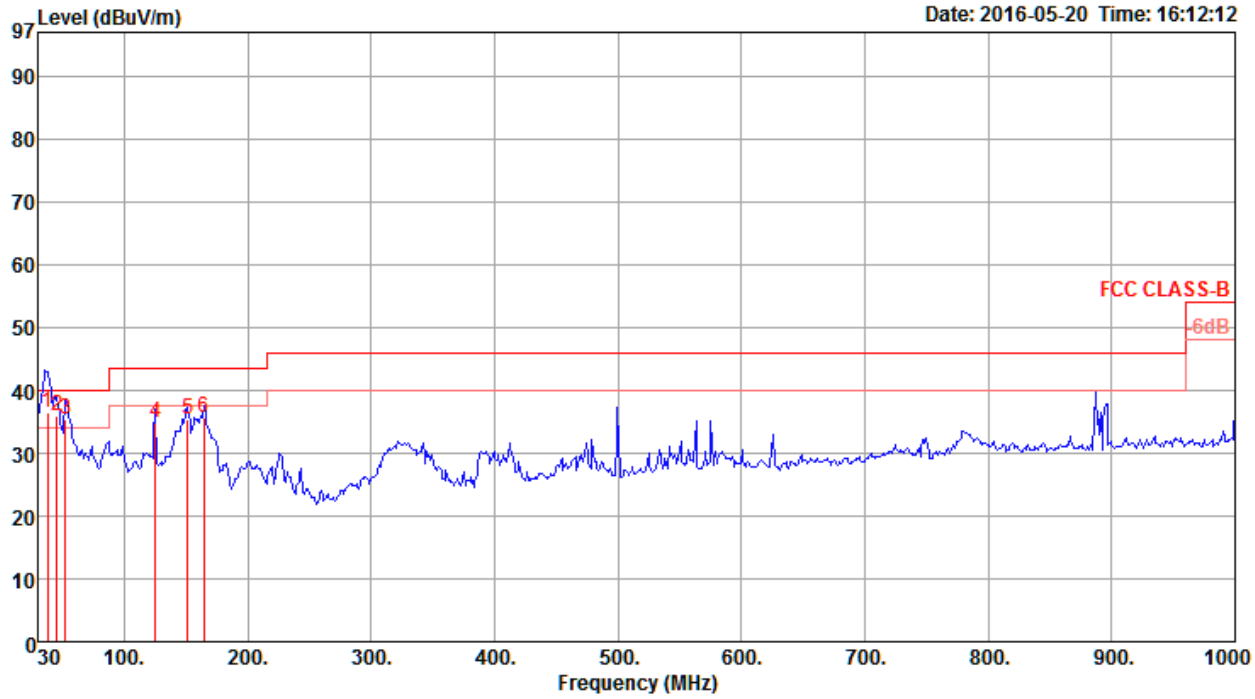
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | Normal Link |
| Test Mode | Mode 6 | | |

*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 | 37.76 | 32.30 | 40.00 | -7.70 | 40.85 | 0.26 | 20.76 | 29.57 | 200 | 125 | QP | HORIZONTAL |
| 2 | 96.93 | 32.82 | 43.50 | -10.68 | 45.22 | 0.67 | 16.30 | 29.37 | 123 | 136 | QP | HORIZONTAL |
| 3 | 207.51 | 30.69 | 43.50 | -12.81 | 42.14 | 1.16 | 16.28 | 28.89 | 302 | 199 | QP | HORIZONTAL |
| 4 | 241.46 | 30.79 | 46.00 | -15.21 | 40.55 | 1.29 | 18.03 | 29.08 | 308 | 137 | QP | HORIZONTAL |
| 5 | 499.48 | 36.85 | 46.00 | -9.15 | 40.37 | 2.04 | 23.90 | 29.46 | 129 | 163 | QP | HORIZONTAL |
| 6 | 886.51 | 37.08 | 46.00 | -8.92 | 34.89 | 2.94 | 27.42 | 28.17 | 208 | 196 | QP | 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 | 37.76 | 36.48 | 40.00 | -3.52 | 45.03 | 0.26 | 20.76 | 29.57 | 220 | 157 | QP | VERTICAL |
| 2 | 45.52 | 35.82 | 40.00 | -4.18 | 48.56 | 0.33 | 16.48 | 29.55 | 226 | 189 | QP | VERTICAL |
| 3 | 52.31 | 35.46 | 40.00 | -4.54 | 50.64 | 0.40 | 13.95 | 29.53 | 145 | 201 | QP | VERTICAL |
| 4 | 125.06 | 34.93 | 43.50 | -8.57 | 45.09 | 0.82 | 18.25 | 29.23 | 122 | 196 | QP | VERTICAL |
| 5 | 151.25 | 35.30 | 43.50 | -8.20 | 46.71 | 0.92 | 16.76 | 29.09 | 266 | 174 | QP | VERTICAL |
| 6 | 164.83 | 35.65 | 43.50 | -7.85 | 47.54 | 0.99 | 16.15 | 29.03 | 241 | 146 | QP | VERTICAL |

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

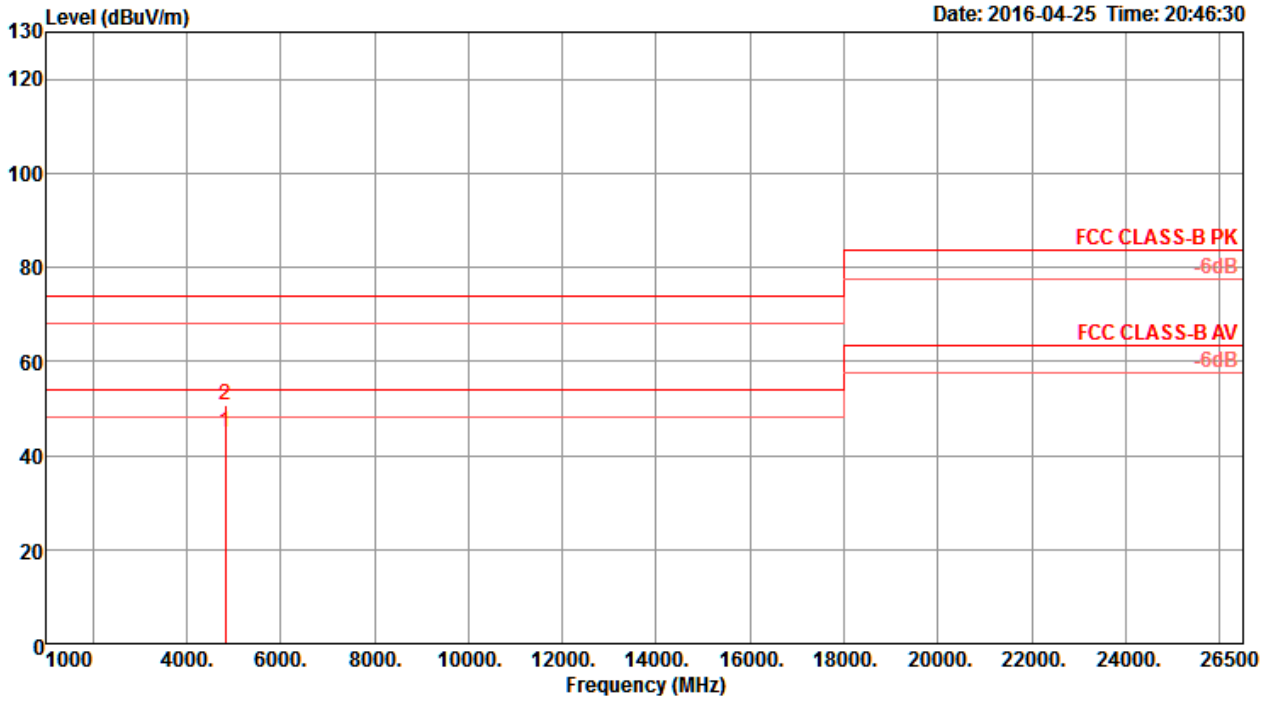
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

## 4.5.9. Results for Radiated Emissions (1GHz~10th Harmonic)

<For Radio 1 Non-beamforming Mode>

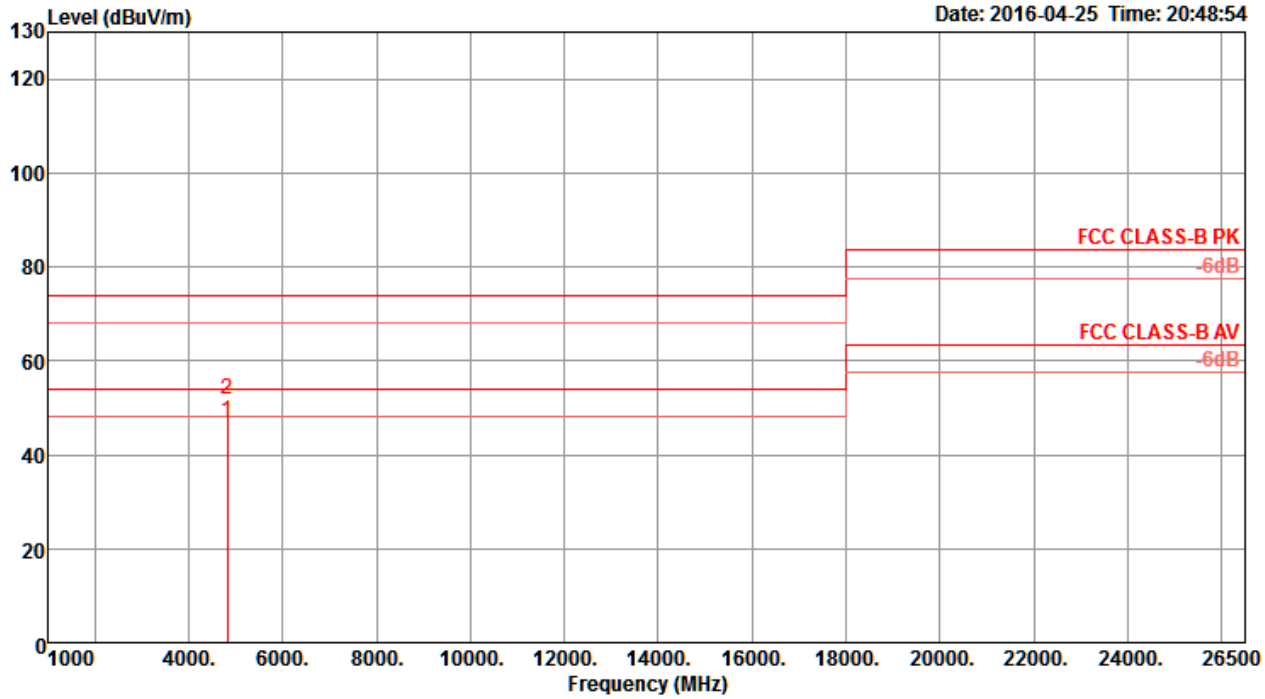
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4823.96 | 45.05 | 54.00 | -8.95 | 40.73 | 6.02 | 32.82 | 34.52 | 316 | 235 | Average | HORIZONTAL |
| 2 | 4823.98 | 50.81 | 74.00 | -23.19 | 46.49 | 6.02 | 32.82 | 34.52 | 316 | 235 | Peak | HORIZONTAL |

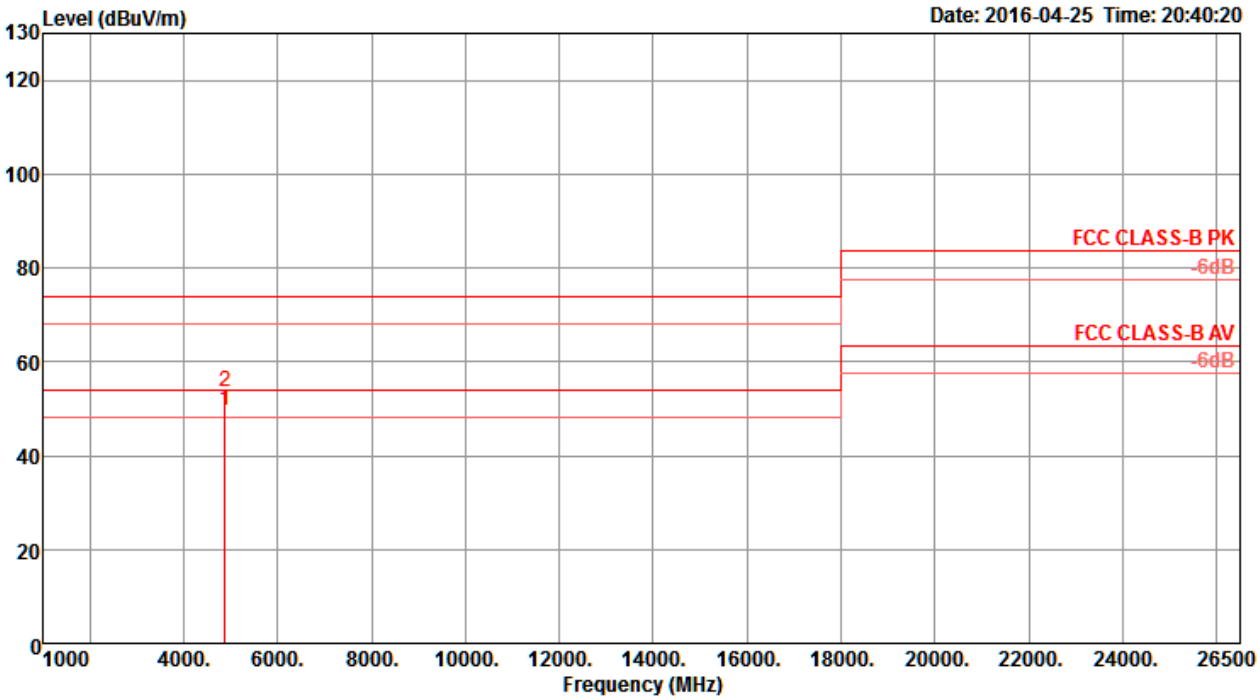
*Vertical*




| | 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 | 4823.94 | 46.96 | 54.00 | -7.04 | 42.64 | 6.02 | 32.82 | 34.52 | 187 | 256 | Average | VERTICAL |
| 2 | 4824.02 | 51.65 | 74.00 | -22.35 | 47.33 | 6.02 | 32.82 | 34.52 | 187 | 256 | Peak | VERTICAL |

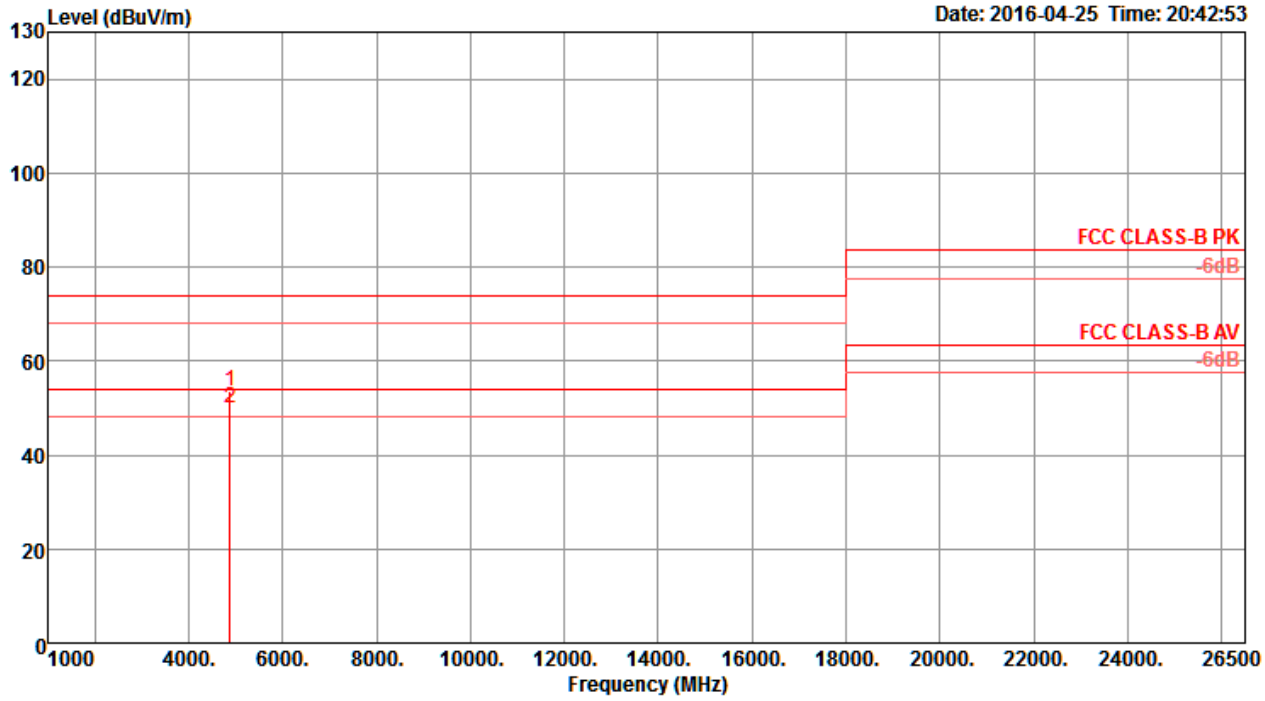
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4873.96 | 49.51 | 54.00 | -4.49 | 45.09 | 6.02 | 32.91 | 34.51 | 336 | 301 | Average | HORIZONTAL |
| 2 | 4874.16 | 53.47 | 74.00 | -20.53 | 49.05 | 6.02 | 32.91 | 34.51 | 336 | 301 | Peak | HORIZONTAL |

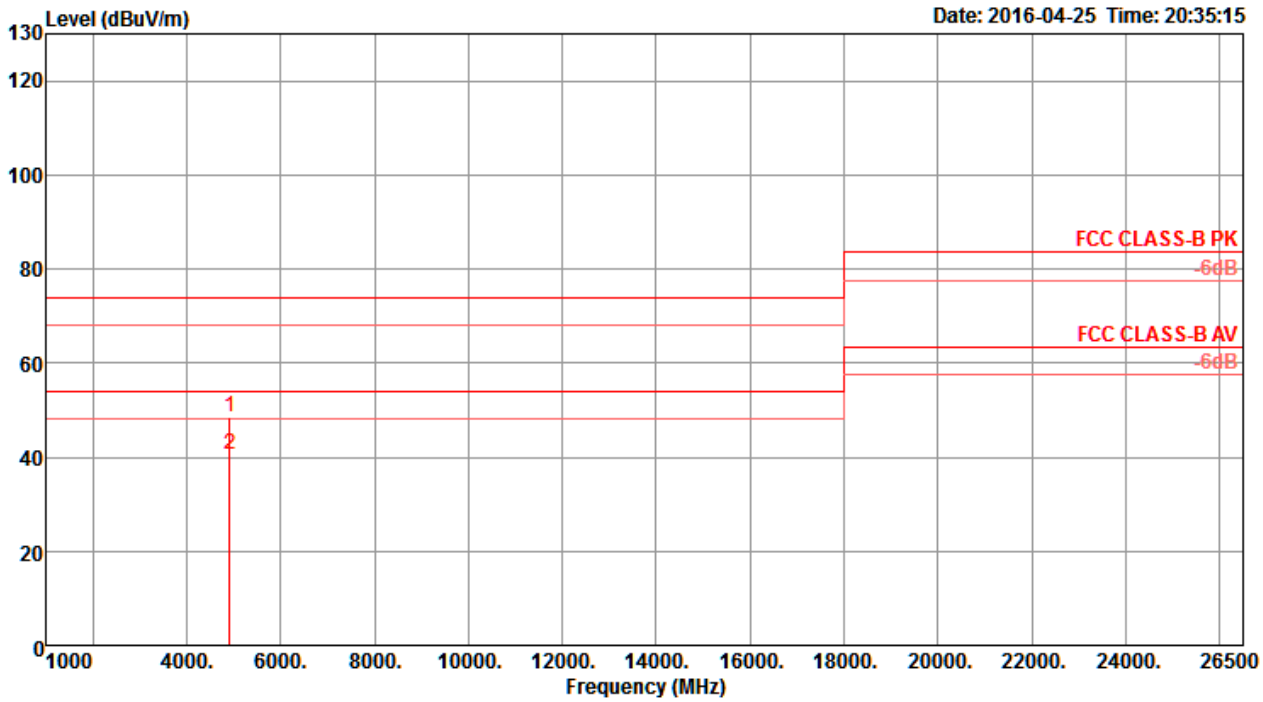
*Vertical*




| | 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 | 4873.90 | 53.72 | 74.00 | -20.28 | 49.30 | 6.02 | 32.91 | 34.51 | 34 | 305 | Peak | VERTICAL |
| 2 | 4873.98 | 50.07 | 54.00 | -3.93 | 45.65 | 6.02 | 32.91 | 34.51 | 34 | 305 | Average | VERTICAL |

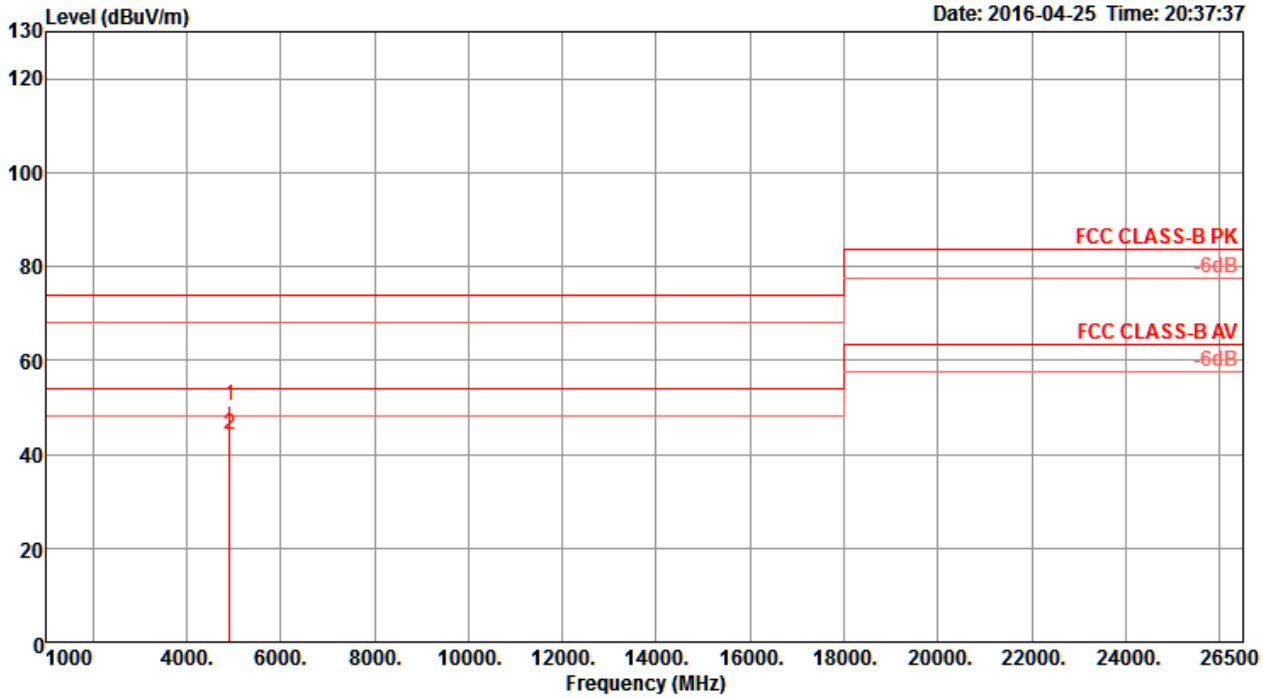
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4923.92 | 48.51 | 74.00 | -25.49 | 44.00 | 6.01 | 32.99 | 34.49 | 319 | 153 | Peak | HORIZONTAL |
| 2 | 4924.00 | 40.59 | 54.00 | -13.41 | 36.08 | 6.01 | 32.99 | 34.49 | 319 | 153 | Average | HORIZONTAL |

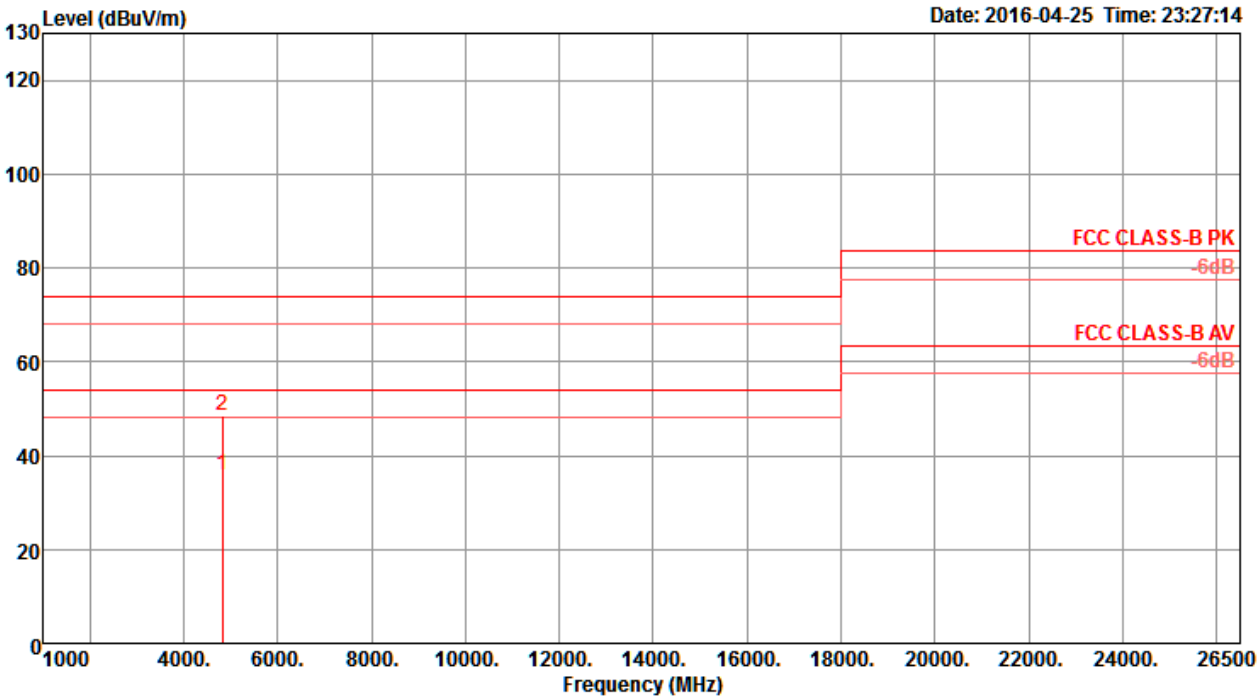
*Vertical*




| | 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 | 4924.00 | 50.24 | 74.00 | -23.76 | 45.73 | 6.01 | 32.99 | 34.49 | 38 | 320 | Peak | VERTICAL |
| 2 | 4924.00 | 44.16 | 54.00 | -9.84 | 39.65 | 6.01 | 32.99 | 34.49 | 38 | 320 | Average | VERTICAL |

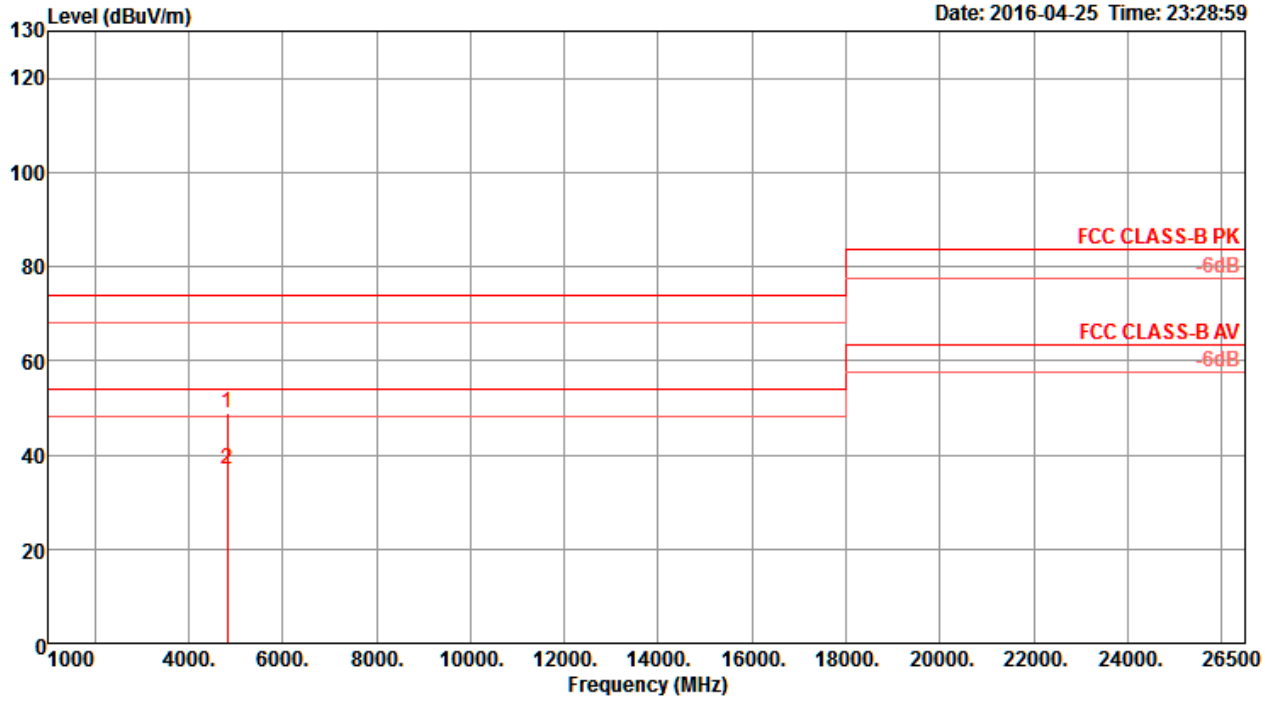
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4822.08 | 35.69 | 54.00 | -18.31 | 29.81 | 7.58 | 32.82 | 34.52 | 24 | 169 | Average | HORIZONTAL |
| 2 | 4823.80 | 48.62 | 74.00 | -25.38 | 42.74 | 7.58 | 32.82 | 34.52 | 24 | 169 | Peak | HORIZONTAL |

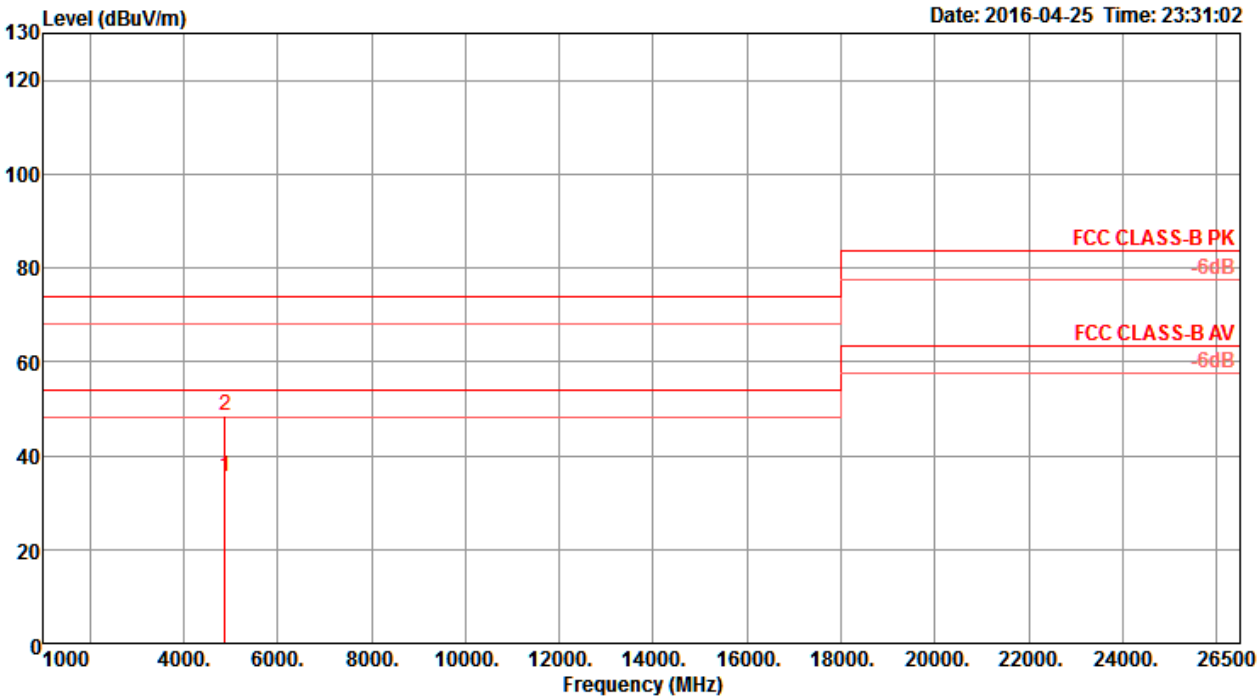
*Vertical*




| | 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 | 4818.24 | 48.99 | 74.00 | -25.01 | 43.11 | 7.58 | 32.82 | 34.52 | 262 | 169 | Peak | VERTICAL |
| 2 | 4821.96 | 36.77 | 54.00 | -17.23 | 30.89 | 7.58 | 32.82 | 34.52 | 262 | 169 | Average | VERTICAL |

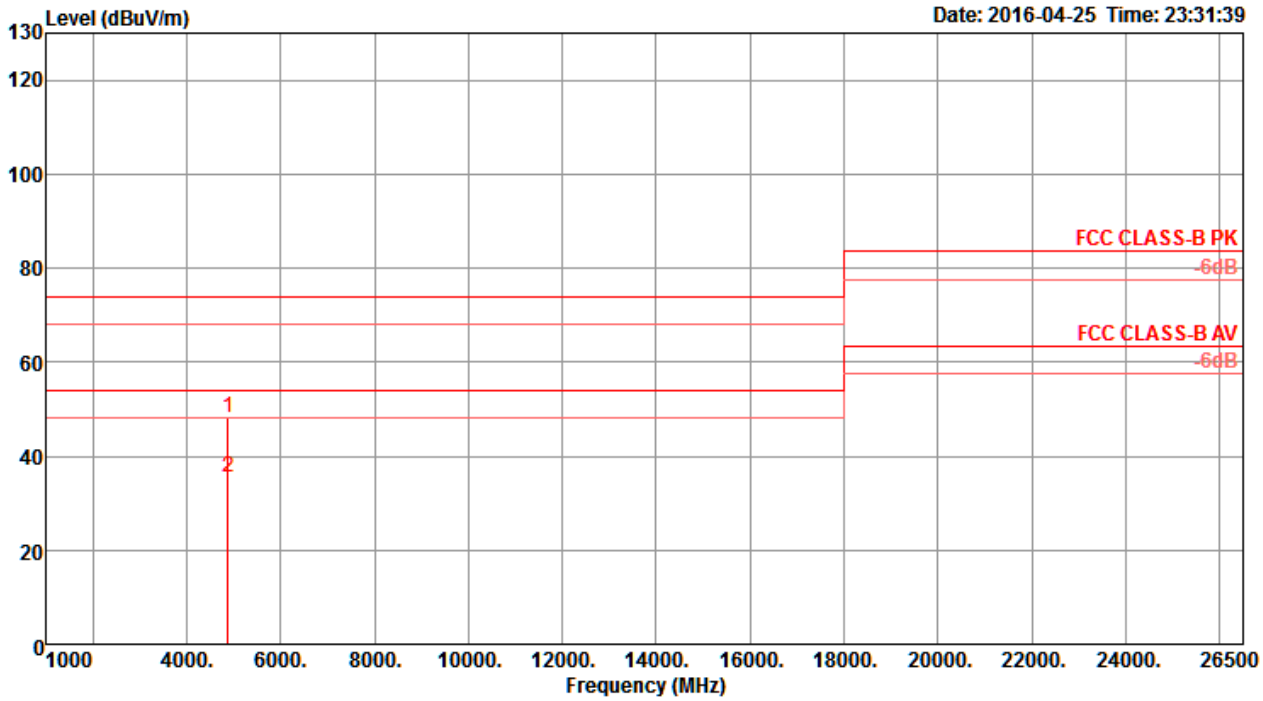
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4871.80 | 35.40 | 54.00 | -18.60 | 29.40 | 7.60 | 32.91 | 34.51 | 134 | 196 | Average | HORIZONTAL |
| 2 | 4883.44 | 48.70 | 74.00 | -25.30 | 42.67 | 7.60 | 32.93 | 34.50 | 134 | 196 | Peak | HORIZONTAL |

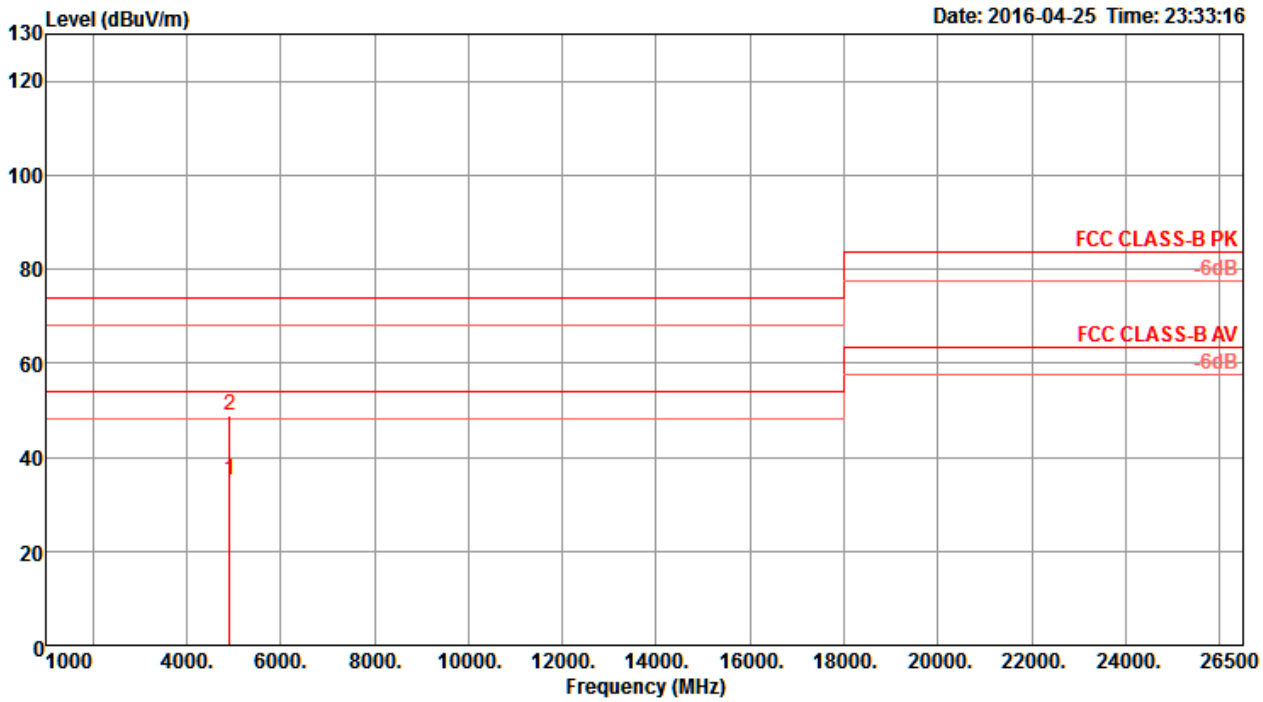
*Vertical*




| | 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 | 4871.24 | 48.31 | 74.00 | -25.69 | 42.31 | 7.60 | 32.91 | 34.51 | 171 | 202 | Peak | VERTICAL |
| 2 | 4872.08 | 35.65 | 54.00 | -18.35 | 29.65 | 7.60 | 32.91 | 34.51 | 171 | 202 | Average | VERTICAL |

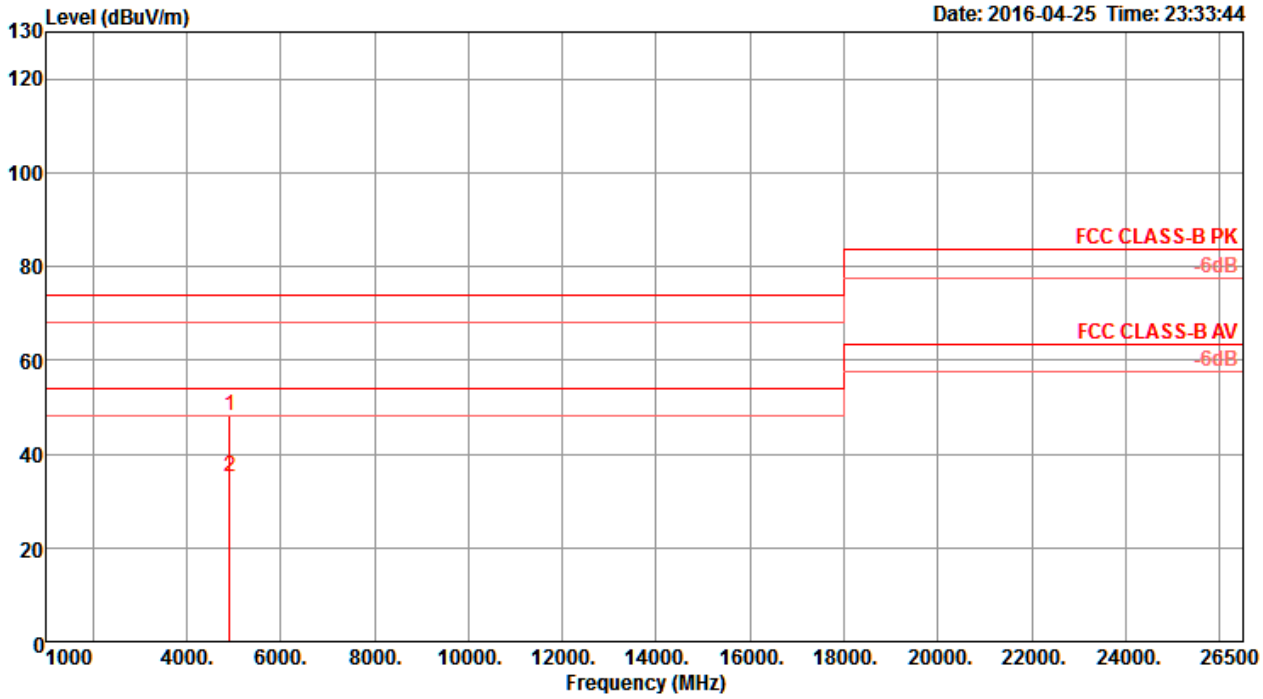
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4918.80 | 35.12 | 54.00 | -18.88 | 29.03 | 7.61 | 32.97 | 34.49 | 129 | 164 | Average | HORIZONTAL |
| 2 | 4922.28 | 48.79 | 74.00 | -25.21 | 42.70 | 7.61 | 32.97 | 34.49 | 129 | 164 | Peak | HORIZONTAL |

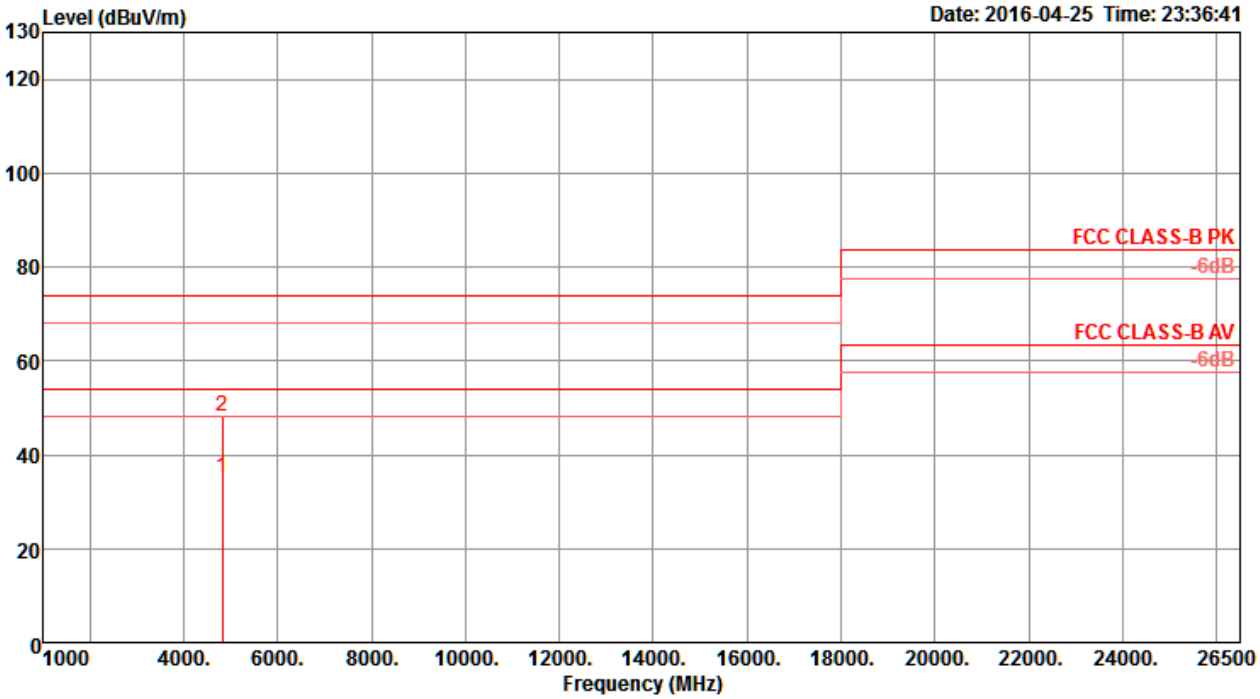
*Vertical*




| | 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 | 4918.72 | 48.33 | 74.00 | -25.67 | 42.24 | 7.61 | 32.97 | 34.49 | 181 | 152 | Peak | VERTICAL |
| 2 | 4920.68 | 35.05 | 54.00 | -18.95 | 28.96 | 7.61 | 32.97 | 34.49 | 181 | 152 | Average | VERTICAL |

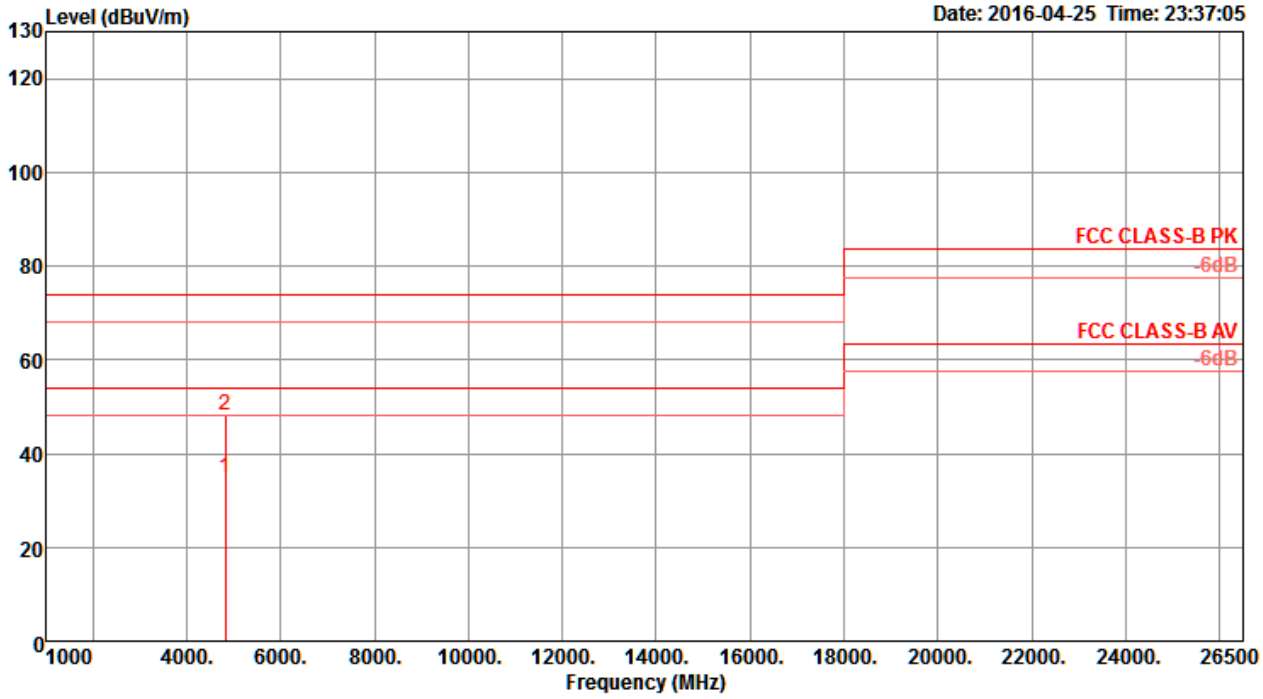
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4820.64 | 35.09 | 54.00 | -18.91 | 29.21 | 7.58 | 32.82 | 34.52 | 153 | 171 | Average | HORIZONTAL |
| 2 | 4831.72 | 48.06 | 74.00 | -25.94 | 42.16 | 7.58 | 32.84 | 34.52 | 153 | 171 | Peak | HORIZONTAL |

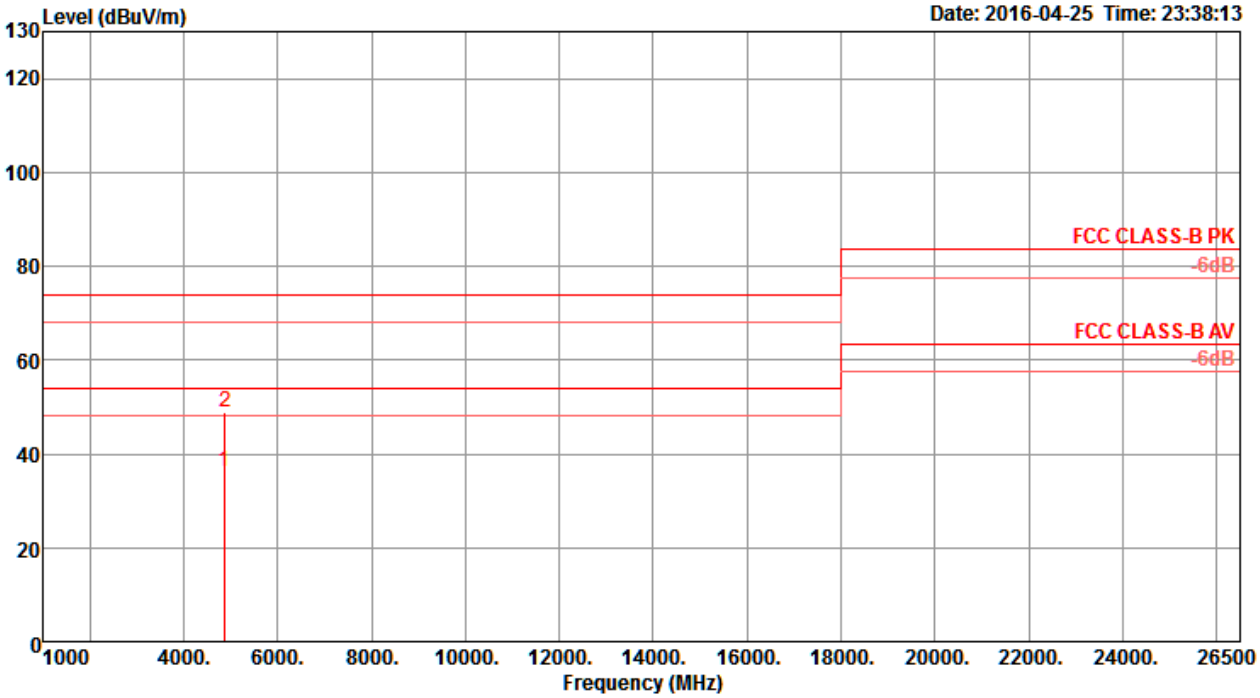
*Vertical*




| | 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 | 4824.96 | 34.86 | 54.00 | -19.14 | 28.98 | 7.58 | 32.82 | 34.52 | 196 | 155 | Average | VERTICAL |
| 2 | 4828.72 | 48.31 | 74.00 | -25.69 | 42.41 | 7.58 | 32.84 | 34.52 | 196 | 155 | Peak | VERTICAL |

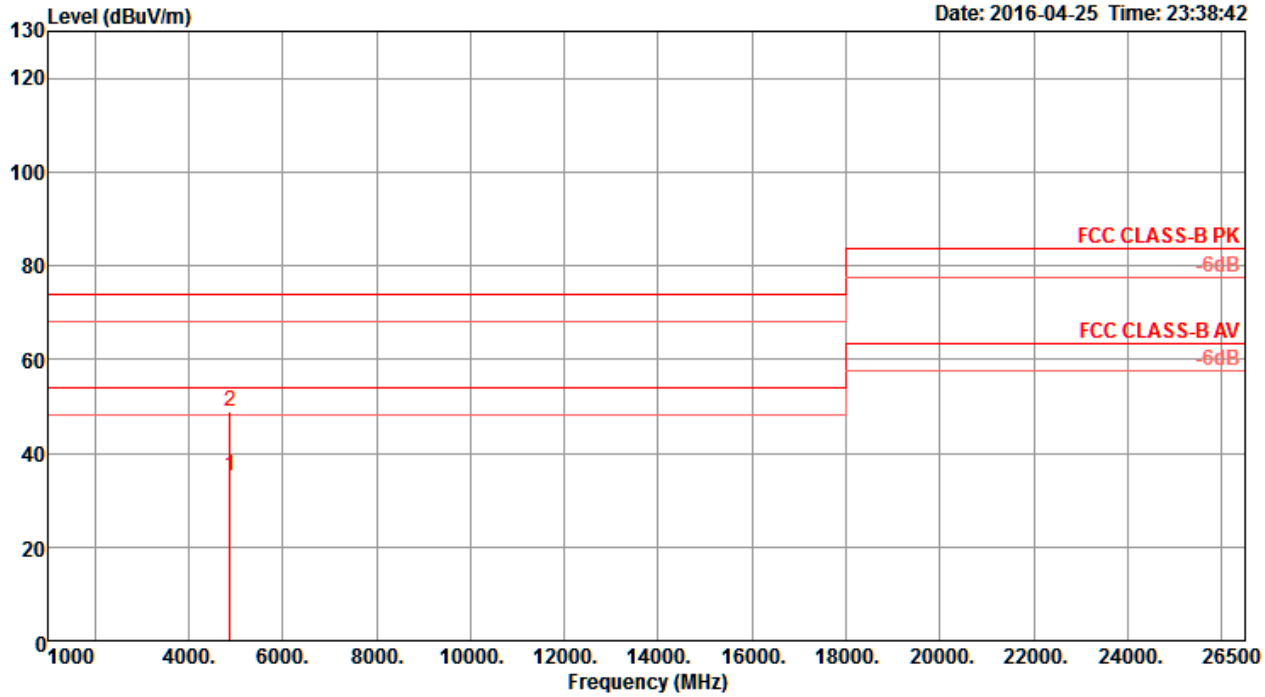
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4870.20 | 36.04 | 54.00 | -17.96 | 30.04 | 7.60 | 32.91 | 34.51 | 164 | 173 | Average | HORIZONTAL |
| 2 | 4875.56 | 48.73 | 74.00 | -25.27 | 42.73 | 7.60 | 32.91 | 34.51 | 164 | 173 | Peak | HORIZONTAL |

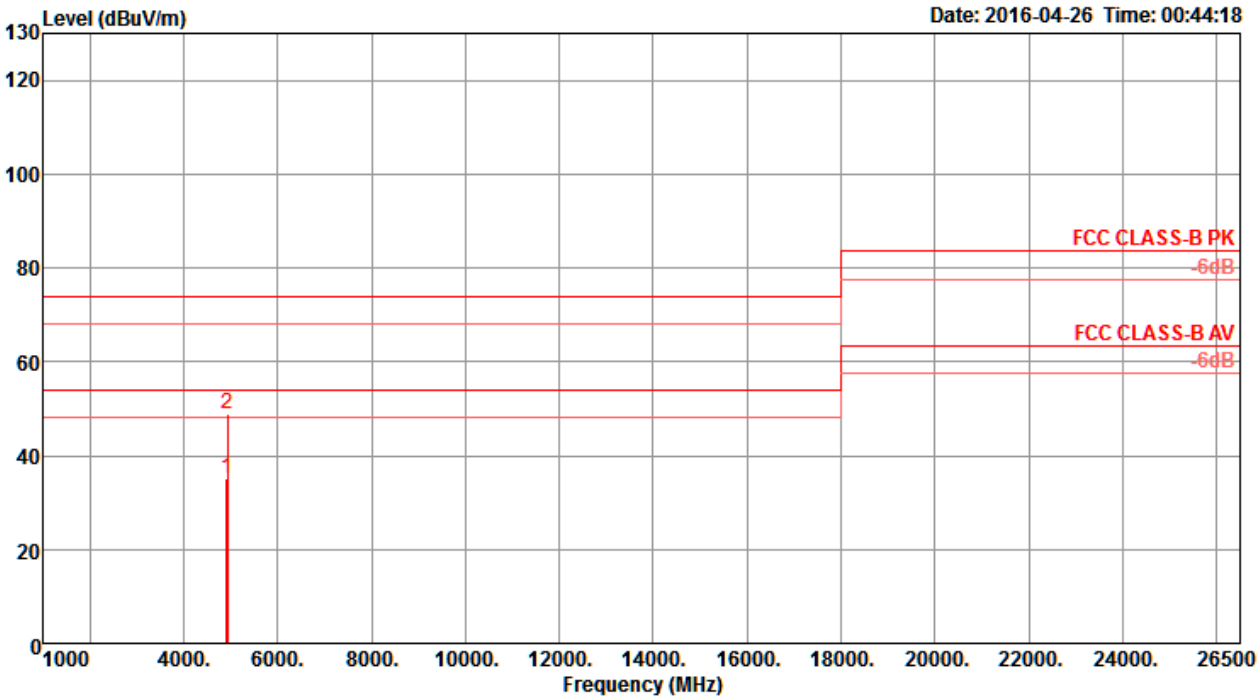
*Vertical*




| | 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 | 4873.24 | 35.07 | 54.00 | -18.93 | 29.07 | 7.60 | 32.91 | 34.51 | 199 | 240 | Average | VERTICAL |
| 2 | 4875.52 | 48.89 | 74.00 | -25.11 | 42.89 | 7.60 | 32.91 | 34.51 | 199 | 240 | Peak | VERTICAL |

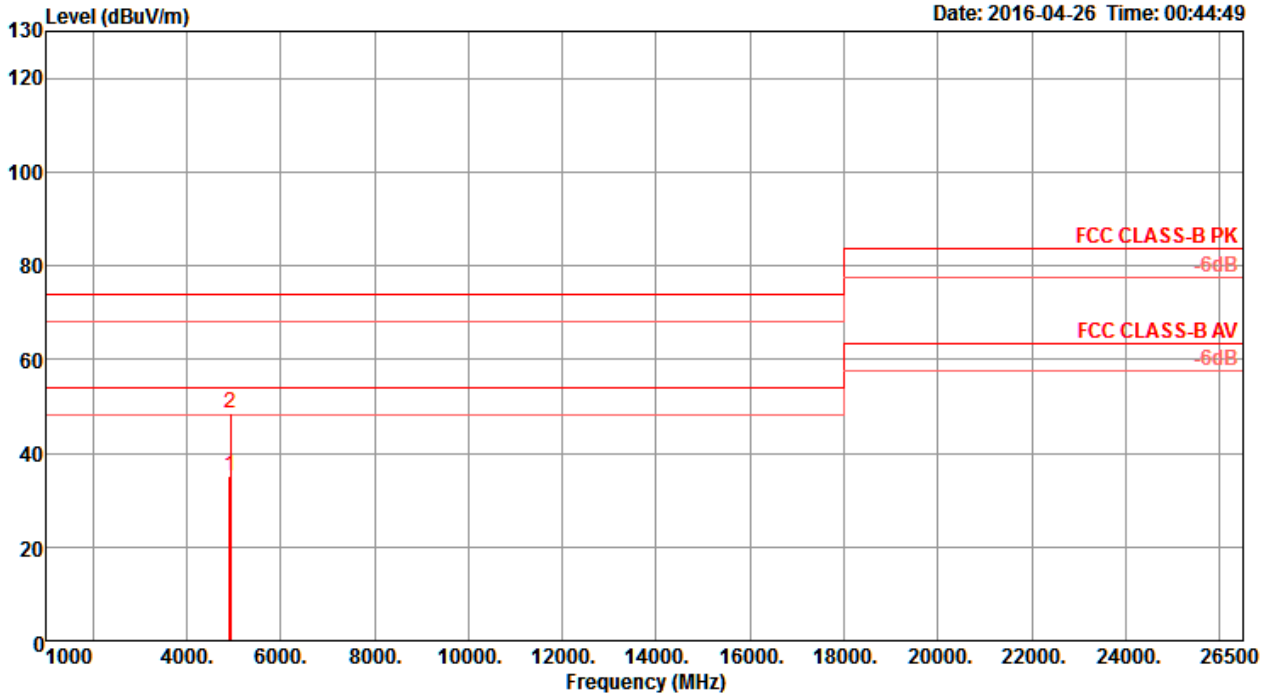
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4920.04 | 35.17 | 54.00 | -18.83 | 29.08 | 7.61 | 32.97 | 34.49 | 243 | 209 | Average | HORIZONTAL |
| 2 | 4928.84 | 49.00 | 74.00 | -25.00 | 42.88 | 7.62 | 32.99 | 34.49 | 243 | 209 | Peak | HORIZONTAL |

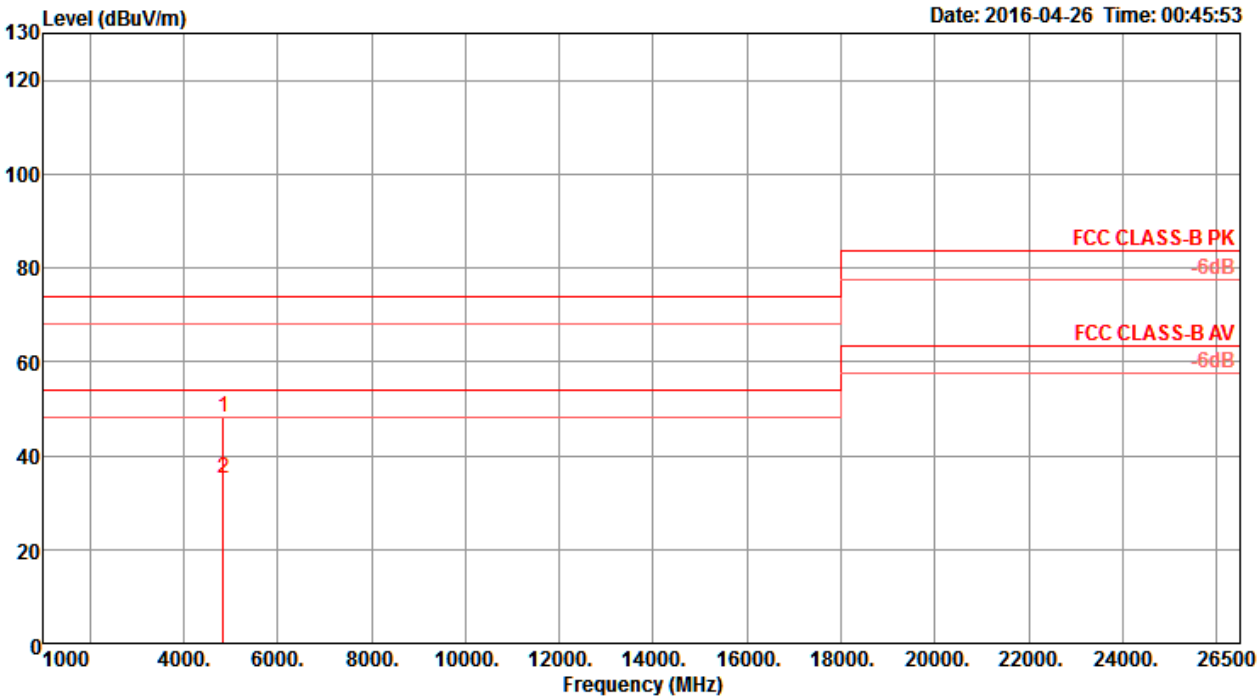
*Vertical*




| | 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 | 4917.16 | 35.15 | 54.00 | -18.85 | 29.06 | 7.61 | 32.97 | 34.49 | 190 | 195 | Average | VERTICAL |
| 2 | 4933.16 | 48.45 | 74.00 | -25.55 | 42.33 | 7.62 | 32.99 | 34.49 | 190 | 195 | Peak | VERTICAL |

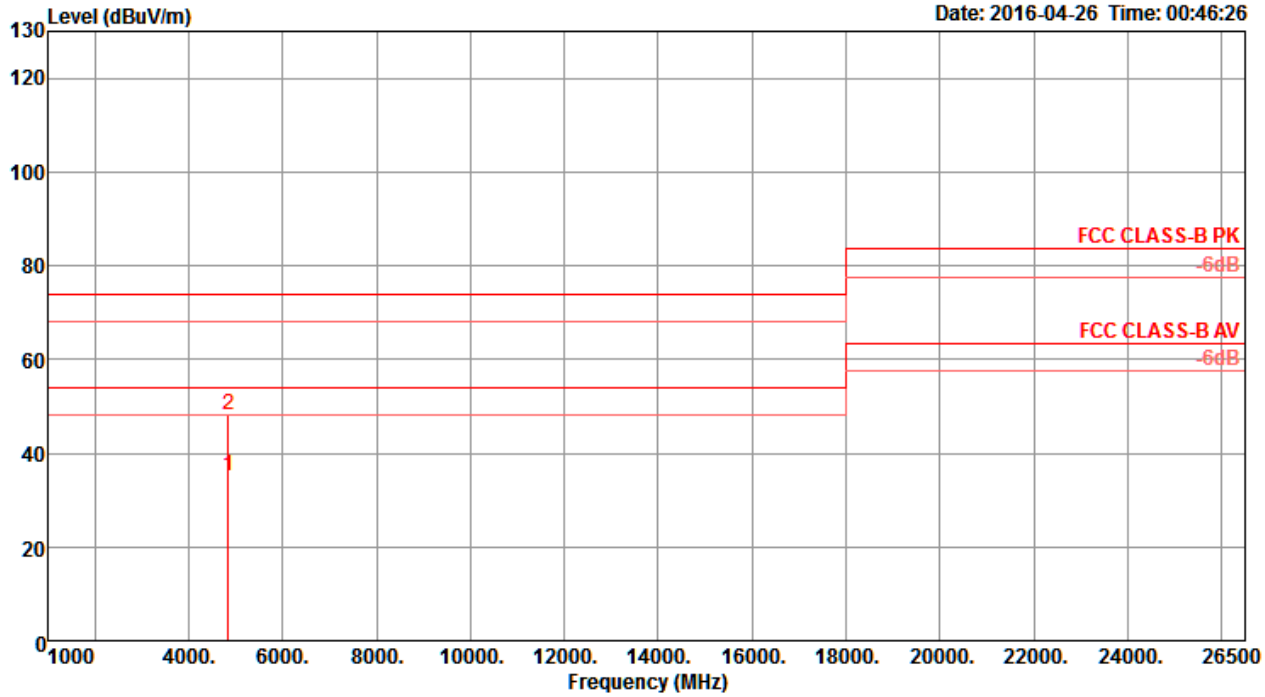
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4842.76 | 48.02 | 74.00 | -25.98 | 42.09 | 7.59 | 32.86 | 34.52 | 224 | 186 | Peak | HORIZONTAL |
| 2 | 4849.40 | 35.00 | 54.00 | -19.00 | 29.06 | 7.59 | 32.86 | 34.51 | 224 | 186 | Average | HORIZONTAL |

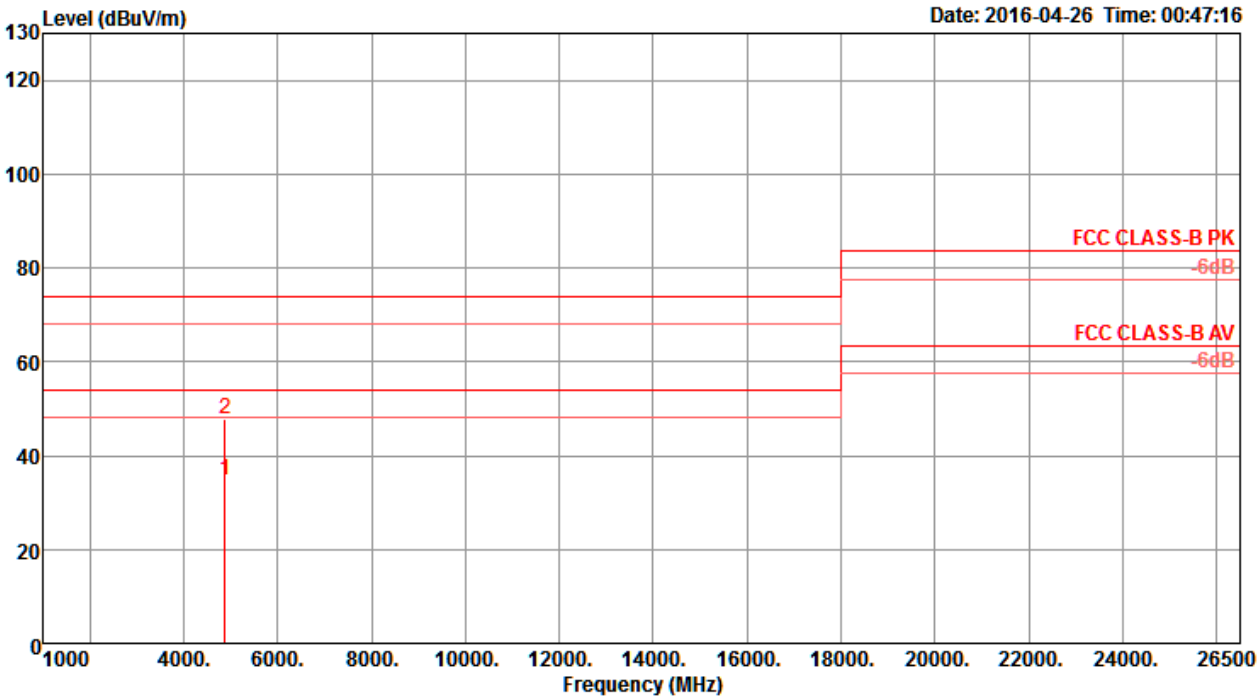
*Vertical*




| | 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 | 4844.08 | 35.11 | 54.00 | -18.89 | 29.18 | 7.59 | 32.86 | 34.52 | 188 | 164 | Average | VERTICAL |
| 2 | 4850.60 | 48.01 | 74.00 | -25.99 | 42.07 | 7.59 | 32.86 | 34.51 | 188 | 164 | Peak | VERTICAL |

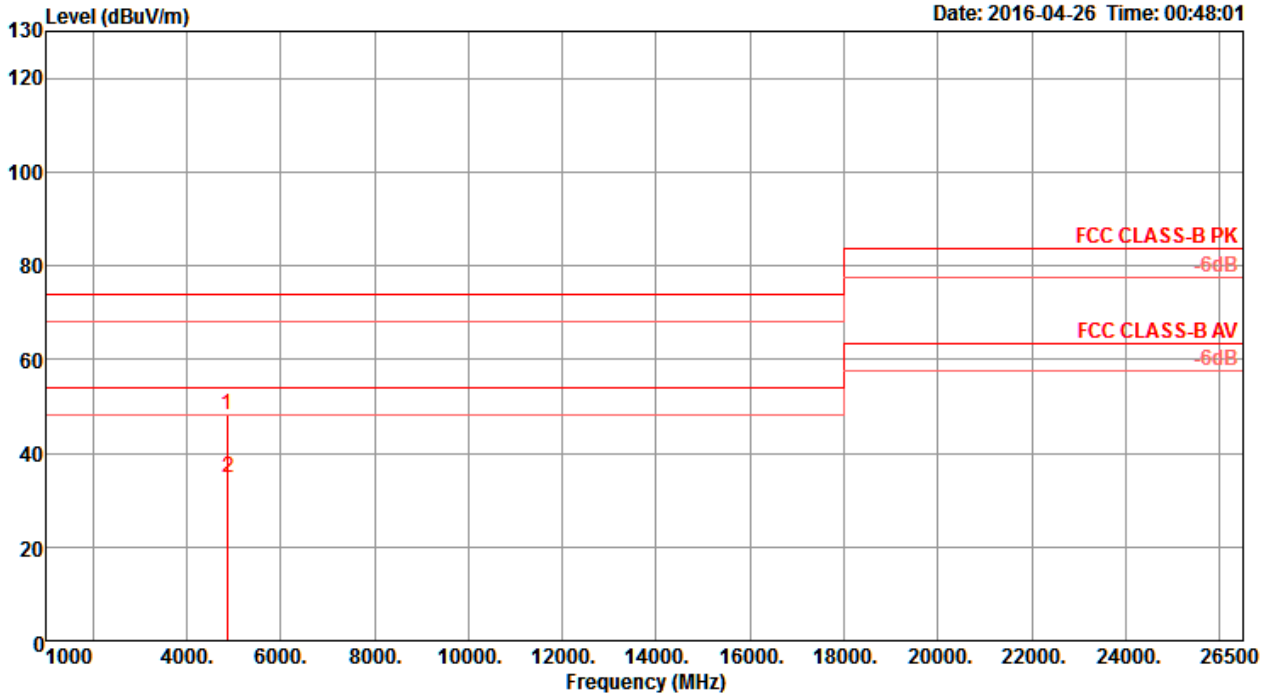
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4875.04 | 34.90 | 54.00 | -19.10 | 28.90 | 7.60 | 32.91 | 34.51 | 221 | 182 | Average | HORIZONTAL |
| 2 | 4878.08 | 47.82 | 74.00 | -26.18 | 41.81 | 7.60 | 32.91 | 34.50 | 221 | 182 | Peak | HORIZONTAL |

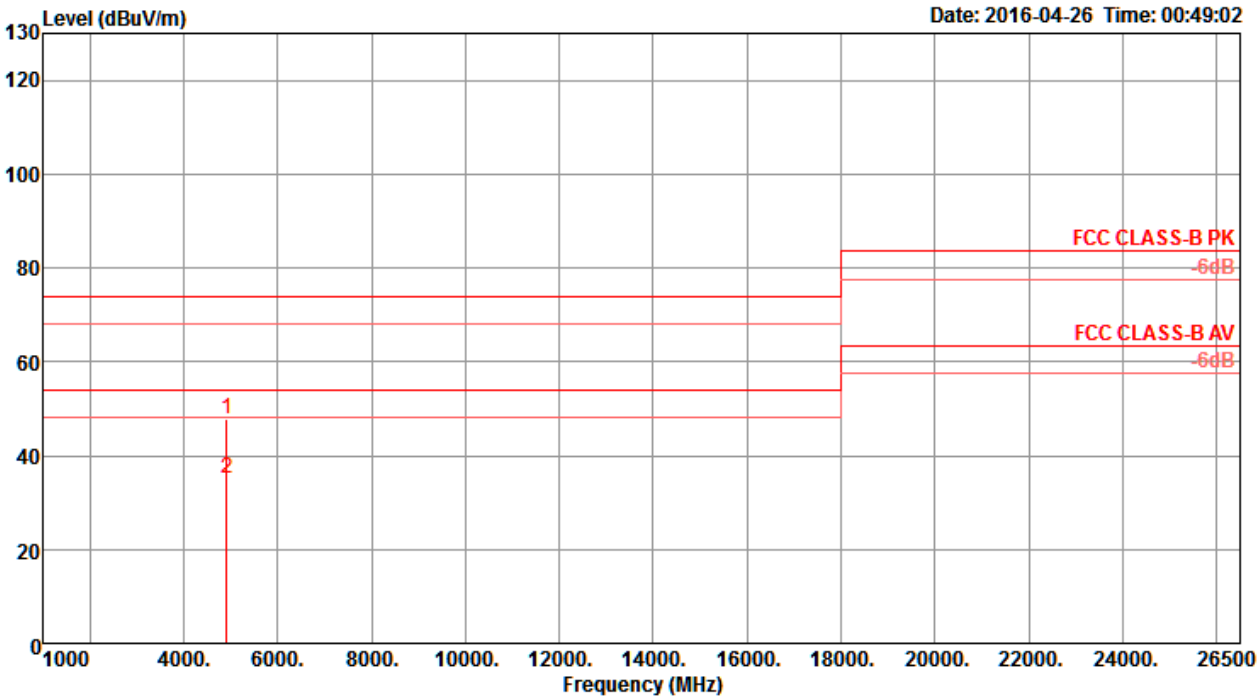
*Vertical*




| | 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 | 4865.72 | 48.12 | 74.00 | -25.88 | 42.16 | 7.59 | 32.88 | 34.51 | 265 | 166 | Peak | VERTICAL |
| 2 | 4875.08 | 34.91 | 54.00 | -19.09 | 28.91 | 7.60 | 32.91 | 34.51 | 265 | 166 | Average | VERTICAL |

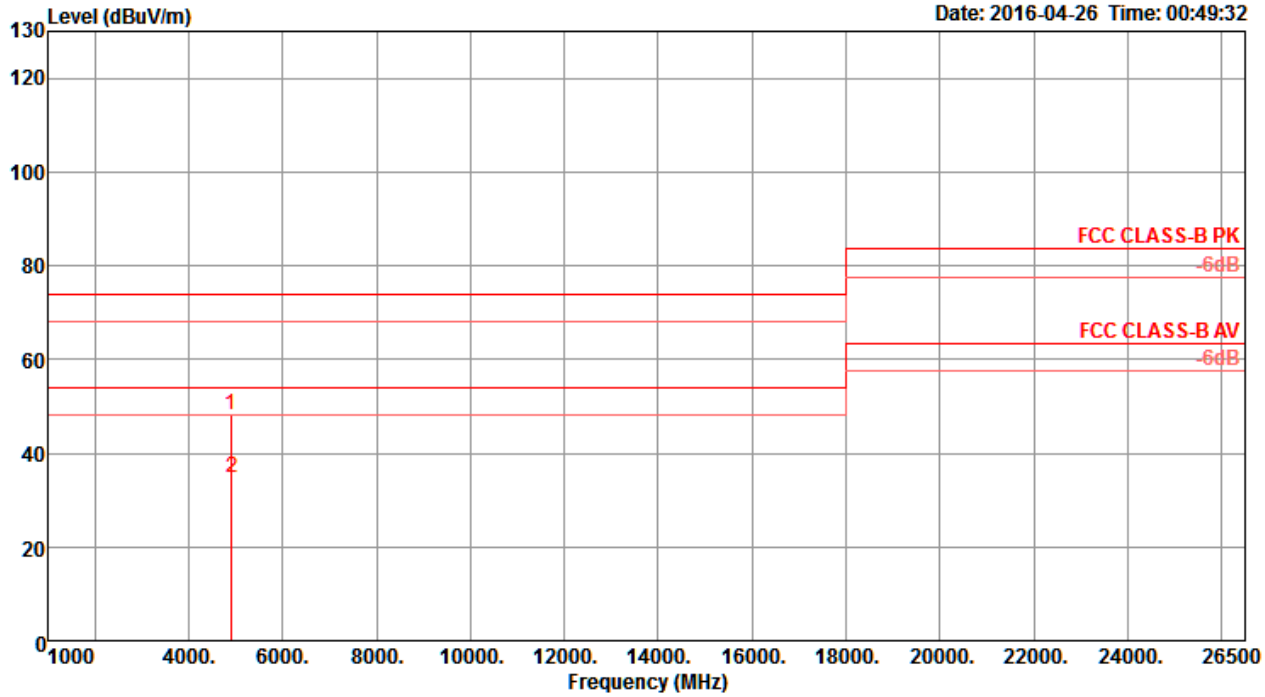
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4908.64 | 47.81 | 74.00 | -26.19 | 41.75 | 7.61 | 32.95 | 34.50 | 310 | 237 | Peak | HORIZONTAL |
| 2 | 4908.72 | 34.98 | 54.00 | -19.02 | 28.92 | 7.61 | 32.95 | 34.50 | 310 | 237 | Average | HORIZONTAL |

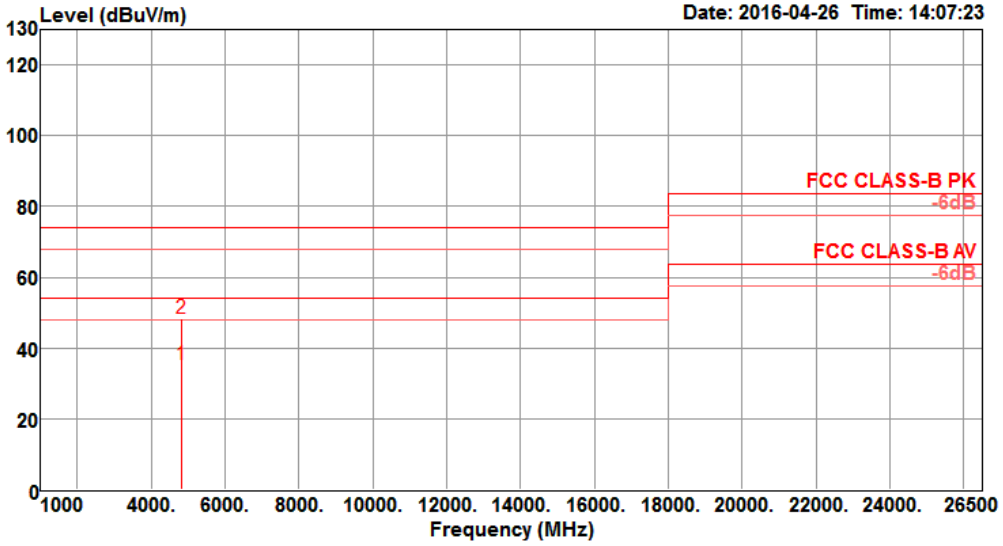
*Vertical*




| | 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 | 4903.24 | 48.34 | 74.00 | -25.66 | 42.28 | 7.61 | 32.95 | 34.50 | 268 | 216 | Peak | VERTICAL |
| 2 | 4906.92 | 34.93 | 54.00 | -19.07 | 28.87 | 7.61 | 32.95 | 34.50 | 268 | 216 | Average | VERTICAL |

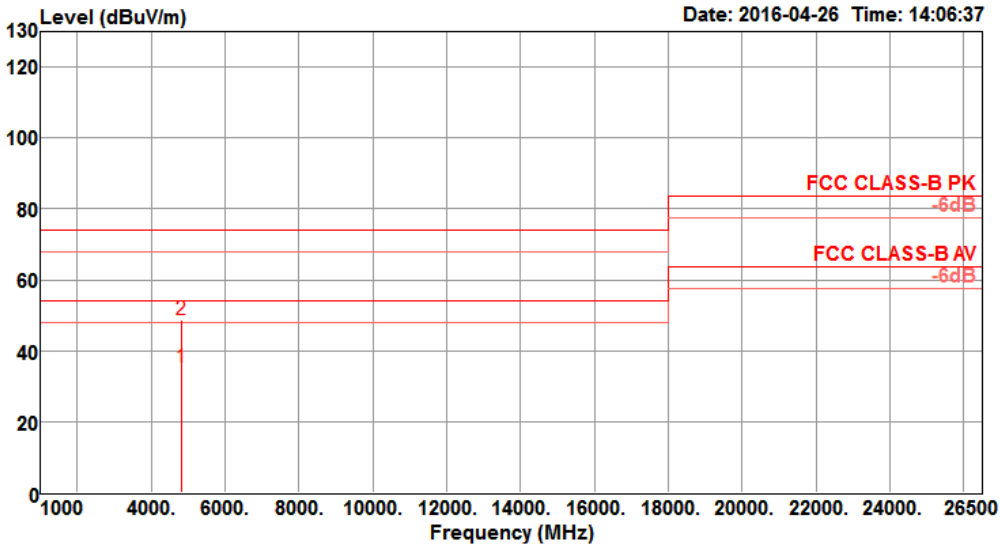
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4827.52 | 35.41 | 54.00 | -18.59 | 29.02 | 7.08 | 34.21 | 34.90 | 155 | 226 | Average | HORIZONTAL |
| 2 | 4827.72 | 48.15 | 74.00 | -25.85 | 41.76 | 7.08 | 34.21 | 34.90 | 155 | 226 | Peak | HORIZONTAL |

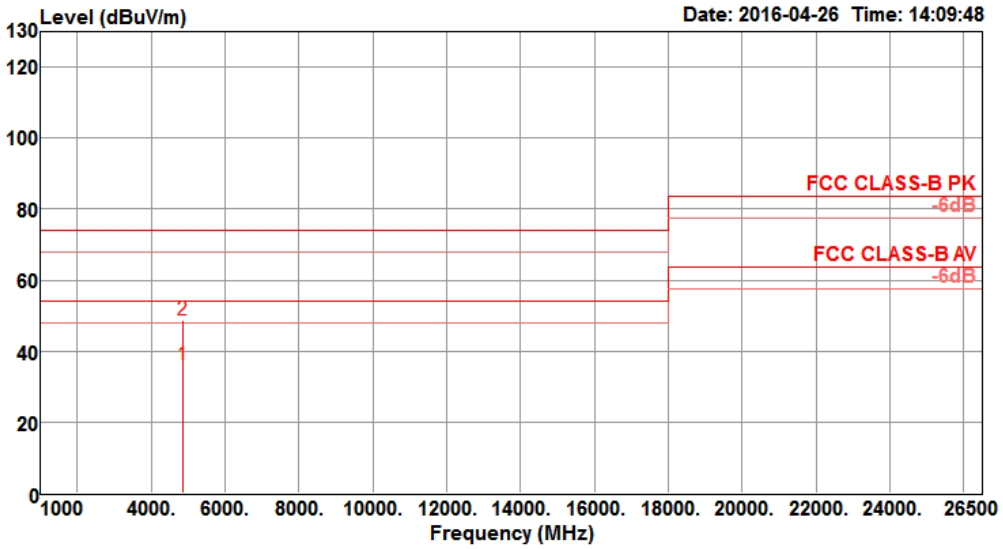
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4828.08 | 35.45 | 54.00 | -18.55 | 29.06 | 7.08 | 34.21 | 34.90 | 170 | 113 | Average | VERTICAL |
| 2 | 4830.92 | 48.71 | 74.00 | -25.29 | 42.32 | 7.08 | 34.21 | 34.90 | 170 | 113 | Peak | VERTICAL |

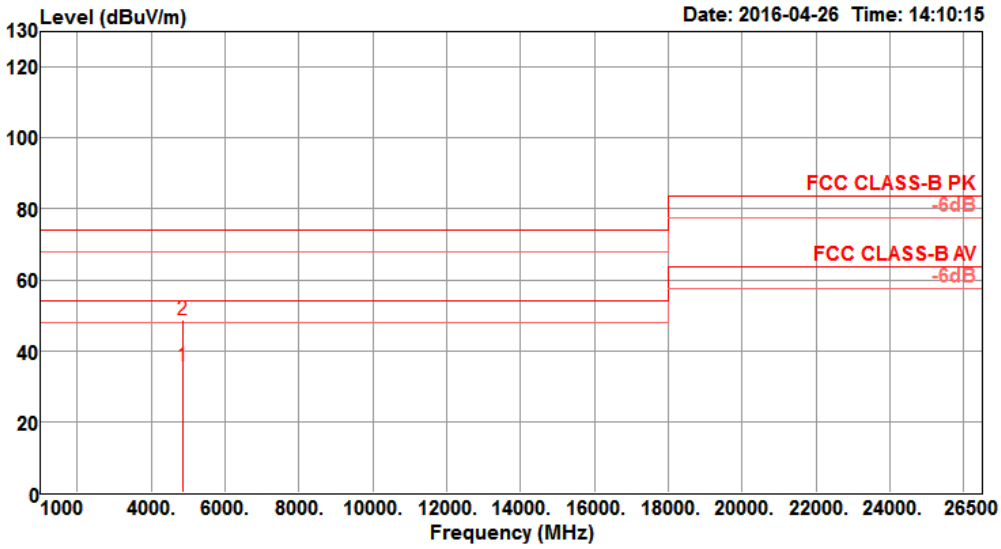
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4865.64 | 35.91 | 54.00 | -18.09 | 29.38 | 7.14 | 34.29 | 34.90 | 163 | 79 | Average | HORIZONTAL |
| 2 | 4876.60 | 48.70 | 74.00 | -25.30 | 42.08 | 7.18 | 34.34 | 34.90 | 163 | 79 | Peak | HORIZONTAL |

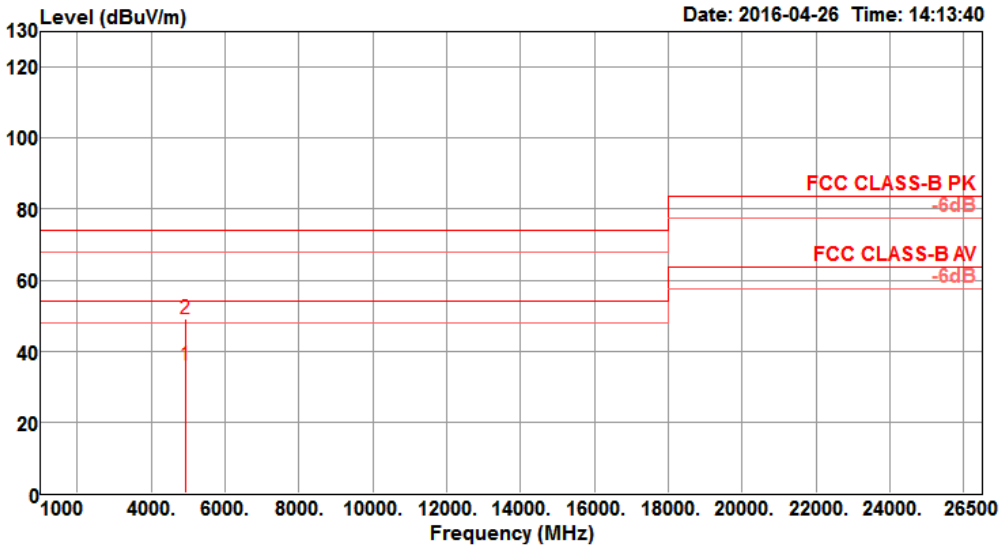
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4866.32 | 35.69 | 54.00 | -18.31 | 29.16 | 7.14 | 34.29 | 34.90 | 148 | 307 | Average | VERTICAL |
| 2 | 4872.00 | 48.71 | 74.00 | -25.29 | 42.09 | 7.18 | 34.34 | 34.90 | 148 | 307 | Peak | VERTICAL |

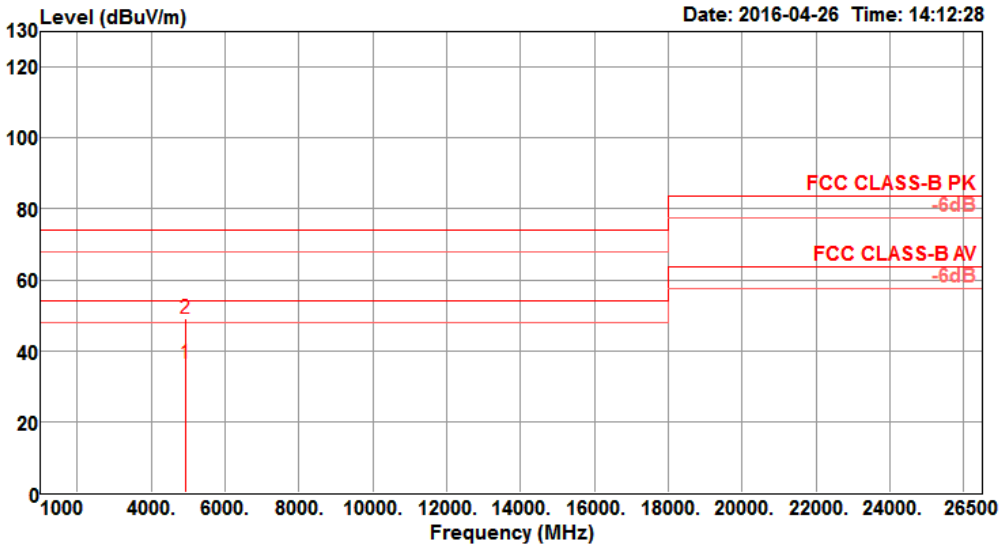
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4923.08 | 36.03 | 54.00 | -17.97 | 29.19 | 7.28 | 34.46 | 34.90 | 167 | 306 | Average | HORIZONTAL |
| 2 | 4932.16 | 49.13 | 74.00 | -24.87 | 42.22 | 7.31 | 34.50 | 34.90 | 167 | 306 | Peak | HORIZONTAL |

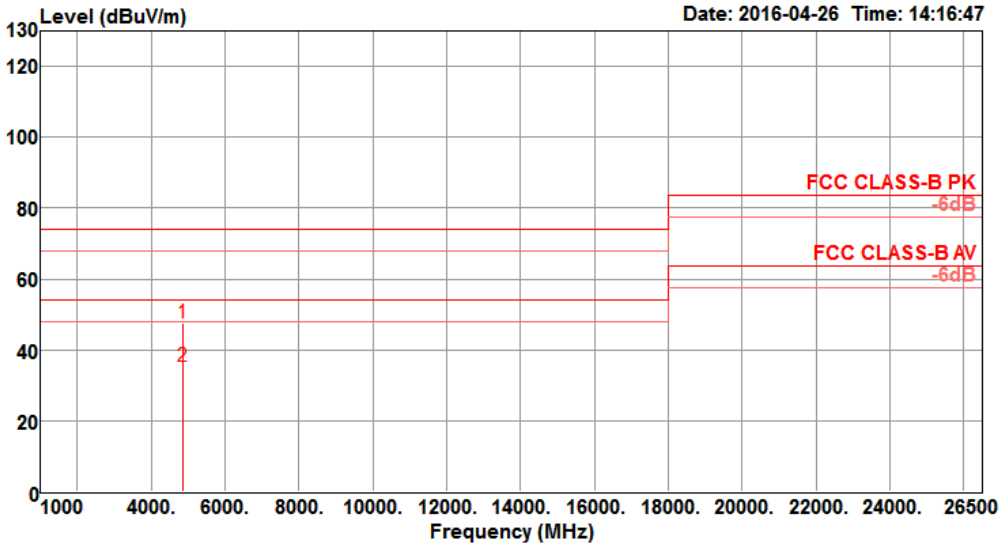
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4921.12 | 36.52 | 54.00 | -17.48 | 29.68 | 7.28 | 34.46 | 34.90 | 157 | 113 | Average | VERTICAL |
| 2 | 4933.40 | 49.27 | 74.00 | -24.73 | 42.36 | 7.31 | 34.50 | 34.90 | 157 | 113 | Peak | VERTICAL |

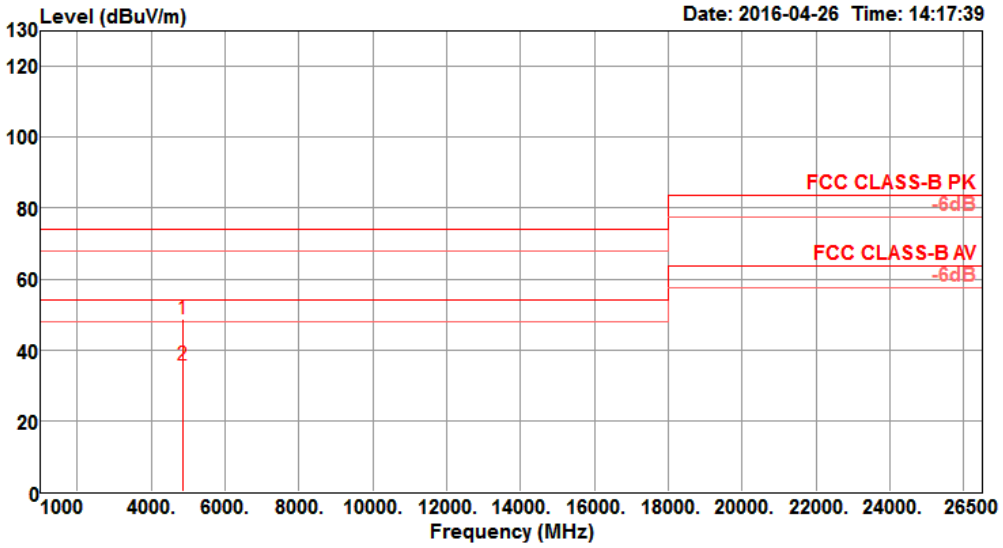
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4845.20 | 47.70 | 74.00 | -26.30 | 41.24 | 7.11 | 34.25 | 34.90 | 143 | 165 | Peak | HORIZONTAL |
| 2 | 4852.28 | 35.48 | 54.00 | -18.52 | 29.02 | 7.11 | 34.25 | 34.90 | 143 | 165 | Average | HORIZONTAL |

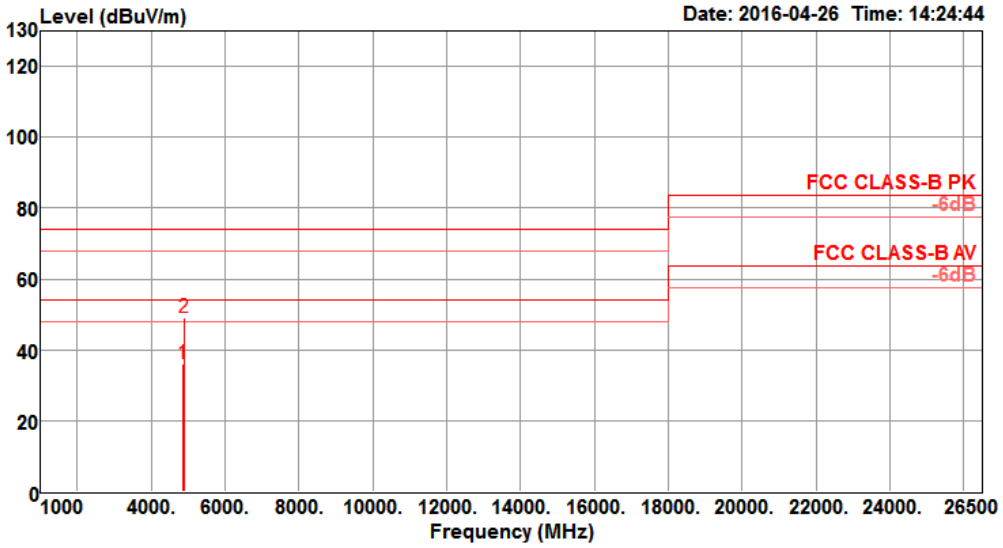
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4844.44 | 48.86 | 74.00 | -25.14 | 42.40 | 7.11 | 34.25 | 34.90 | 167 | 336 | Peak | VERTICAL |
| 2 | 4853.32 | 35.54 | 54.00 | -18.46 | 29.01 | 7.14 | 34.29 | 34.90 | 167 | 336 | Average | VERTICAL |

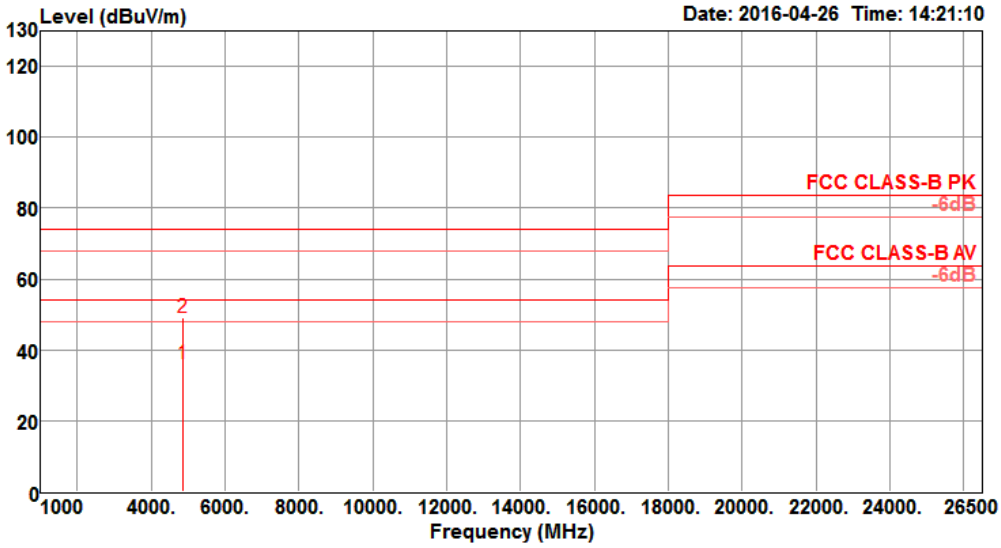
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4865.32 | 35.88 | 54.00 | -18.12 | 29.35 | 7.14 | 34.29 | 34.90 | 180 | 282 | Average | HORIZONTAL |
| 2 | 4881.80 | 49.00 | 74.00 | -25.00 | 42.31 | 7.21 | 34.38 | 34.90 | 180 | 282 | Peak | HORIZONTAL |

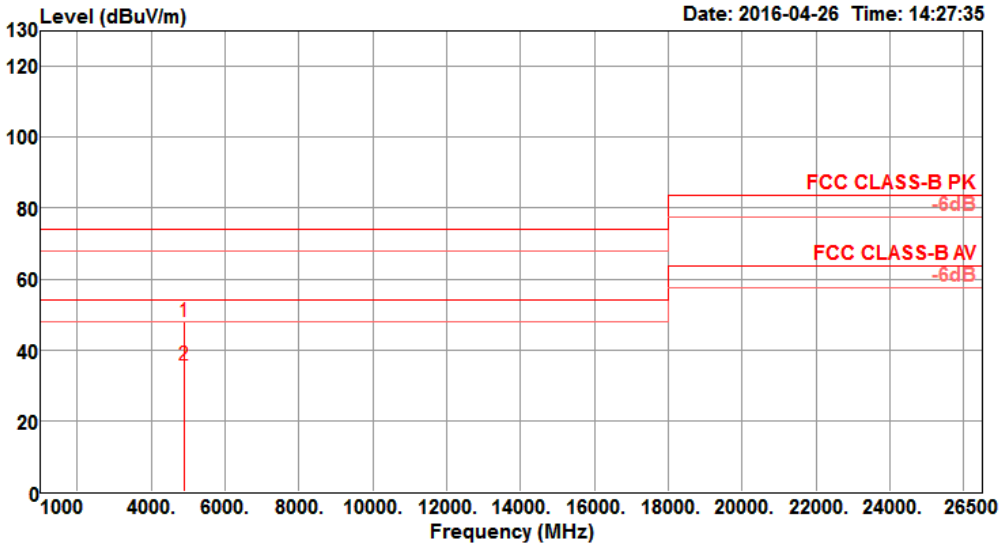
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4872.96 | 35.99 | 54.00 | -18.01 | 29.37 | 7.18 | 34.34 | 34.90 | 117 | 64 | Average | VERTICAL |
| 2 | 4877.96 | 49.29 | 74.00 | -24.71 | 42.67 | 7.18 | 34.34 | 34.90 | 117 | 64 | Peak | VERTICAL |

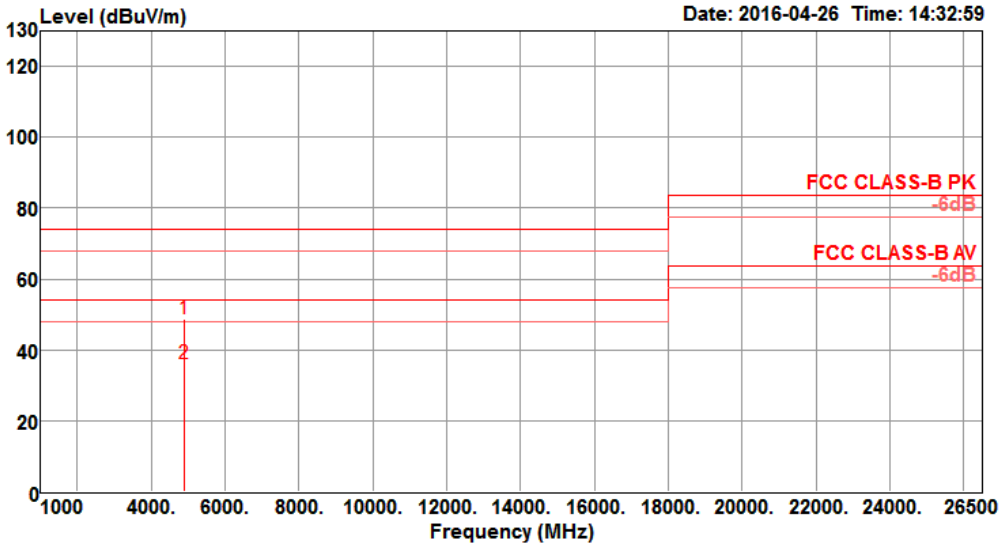
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4904.36 | 47.96 | 74.00 | -26.04 | 41.20 | 7.24 | 34.42 | 34.90 | 201 | 74 | Peak | HORIZONTAL |
| 2 | 4912.28 | 35.85 | 54.00 | -18.15 | 29.01 | 7.28 | 34.46 | 34.90 | 201 | 74 | Average | HORIZONTAL |

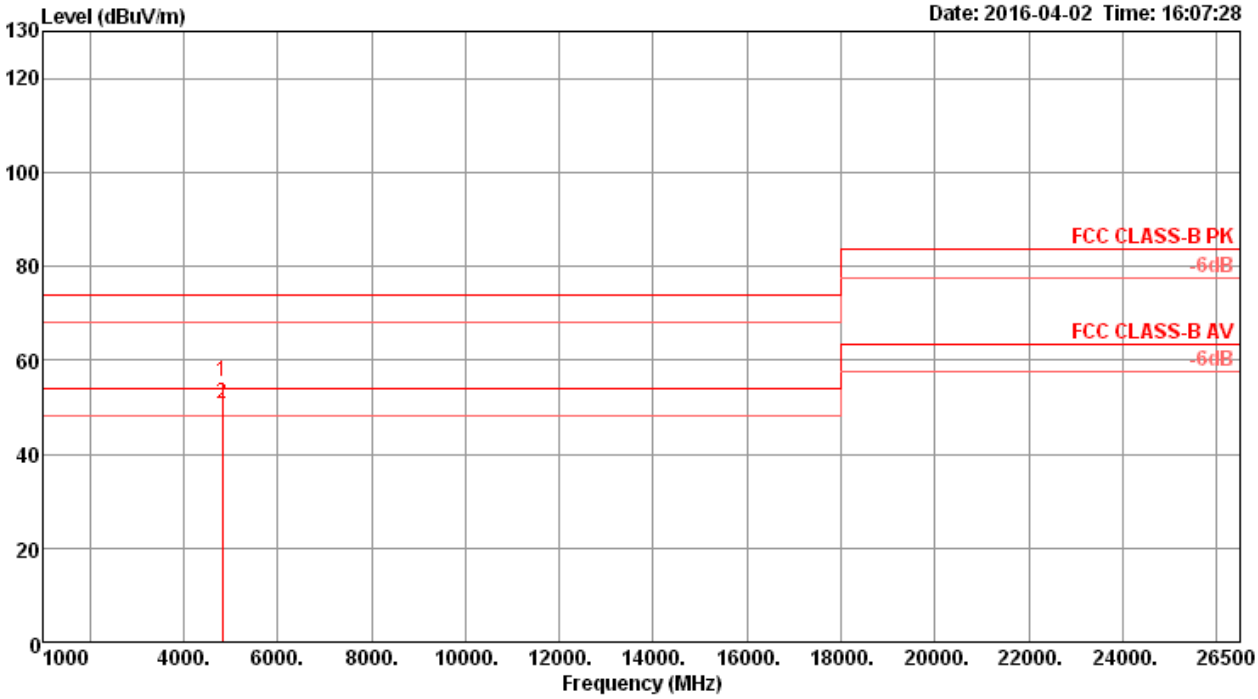
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4907.00 | 48.66 | 74.00 | -25.34 | 41.90 | 7.24 | 34.42 | 34.90 | 157 | 86 | Peak | VERTICAL |
| 2 | 4910.04 | 36.03 | 54.00 | -17.97 | 29.19 | 7.28 | 34.46 | 34.90 | 157 | 86 | Average | VERTICAL |

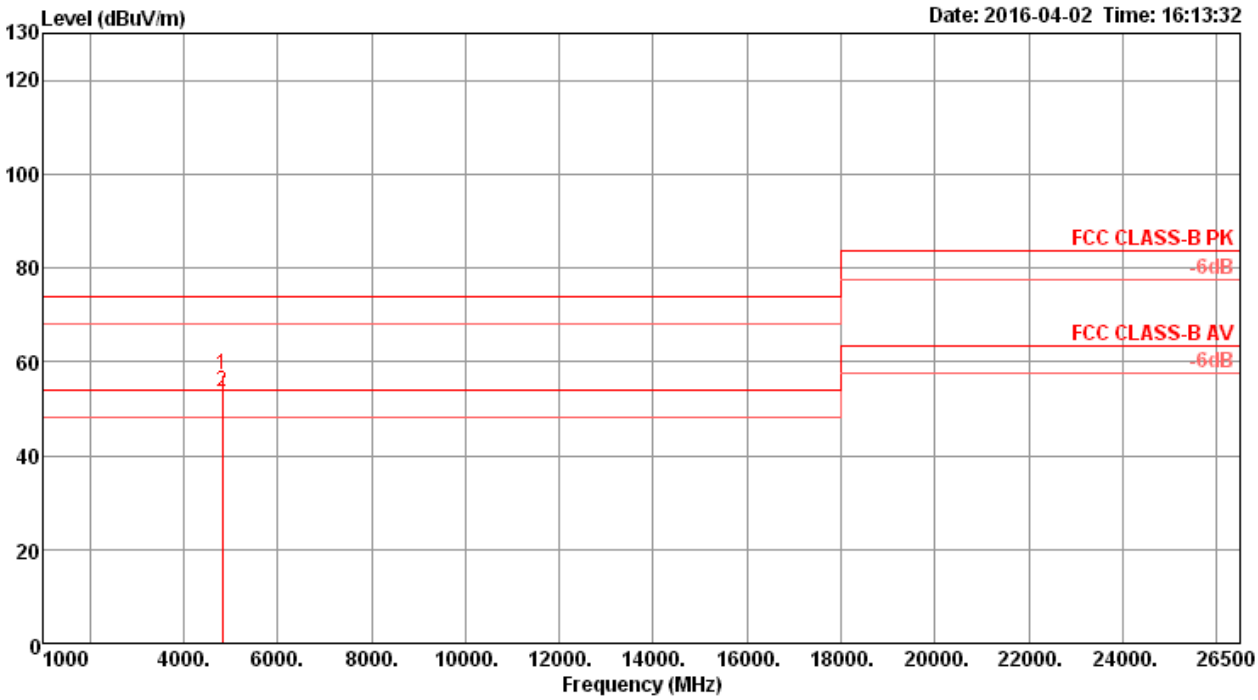
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.91 | 55.37 | 74.00 | -18.63 | 45.05 | 10.29 | 33.11 | 33.08 | 212 | 221 | Peak | HORIZONTAL |
| 2 | 4823.95 | 50.60 | 54.00 | -3.40 | 40.28 | 10.29 | 33.11 | 33.08 | 212 | 221 | Average | HORIZONTAL |

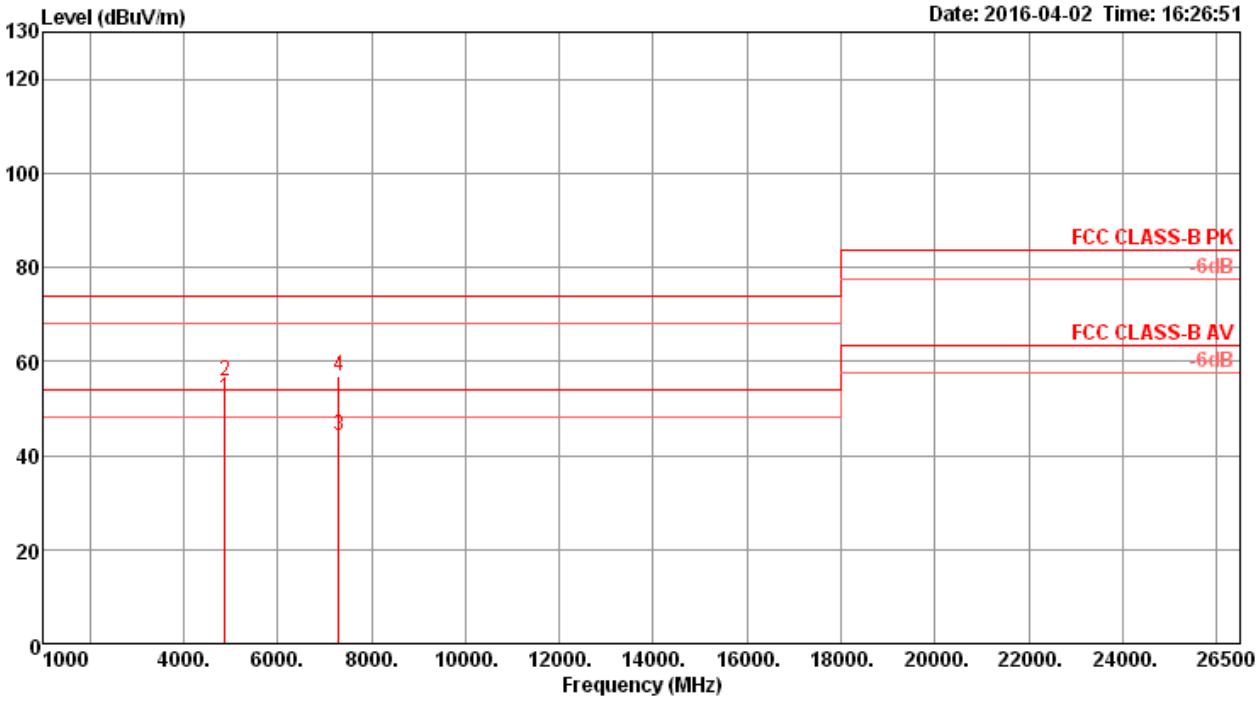
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.93 | 57.27 | 74.00 | -16.73 | 46.95 | 10.29 | 33.11 | 33.08 | 238 | 327 | Peak | VERTICAL |
| 2 | 4824.02 | 53.62 | 54.00 | -0.38 | 43.30 | 10.29 | 33.11 | 33.08 | 238 | 327 | Average | VERTICAL |

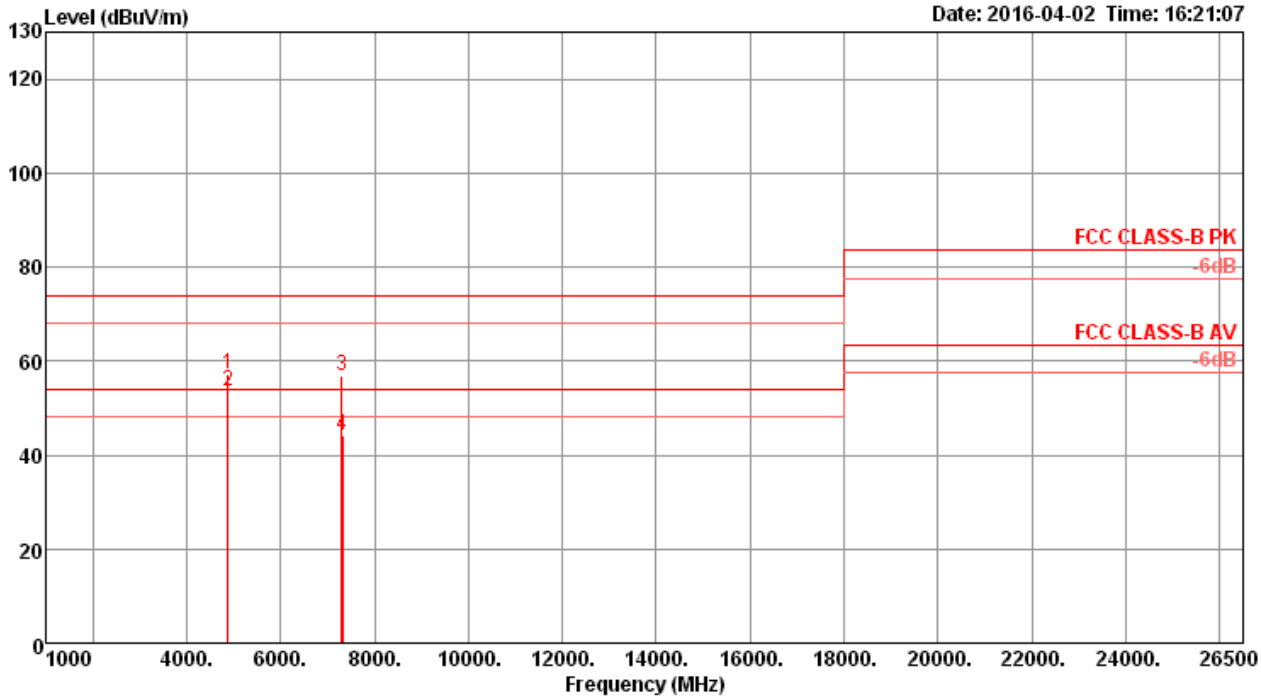
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.98 | 51.99 | 54.00 | -2.01 | 41.56 | 10.28 | 33.23 | 33.08 | 273 | 240 | Average | HORIZONTAL |
| 2 | 4873.99 | 55.90 | 74.00 | -18.10 | 45.47 | 10.28 | 33.23 | 33.08 | 273 | 240 | Peak | HORIZONTAL |
| 3 | 7310.51 | 44.24 | 54.00 | -9.76 | 29.20 | 12.42 | 36.09 | 33.47 | 171 | 243 | Average | HORIZONTAL |
| 4 | 7310.51 | 56.90 | 74.00 | -17.10 | 41.86 | 12.42 | 36.09 | 33.47 | 171 | 243 | Peak | HORIZONTAL |

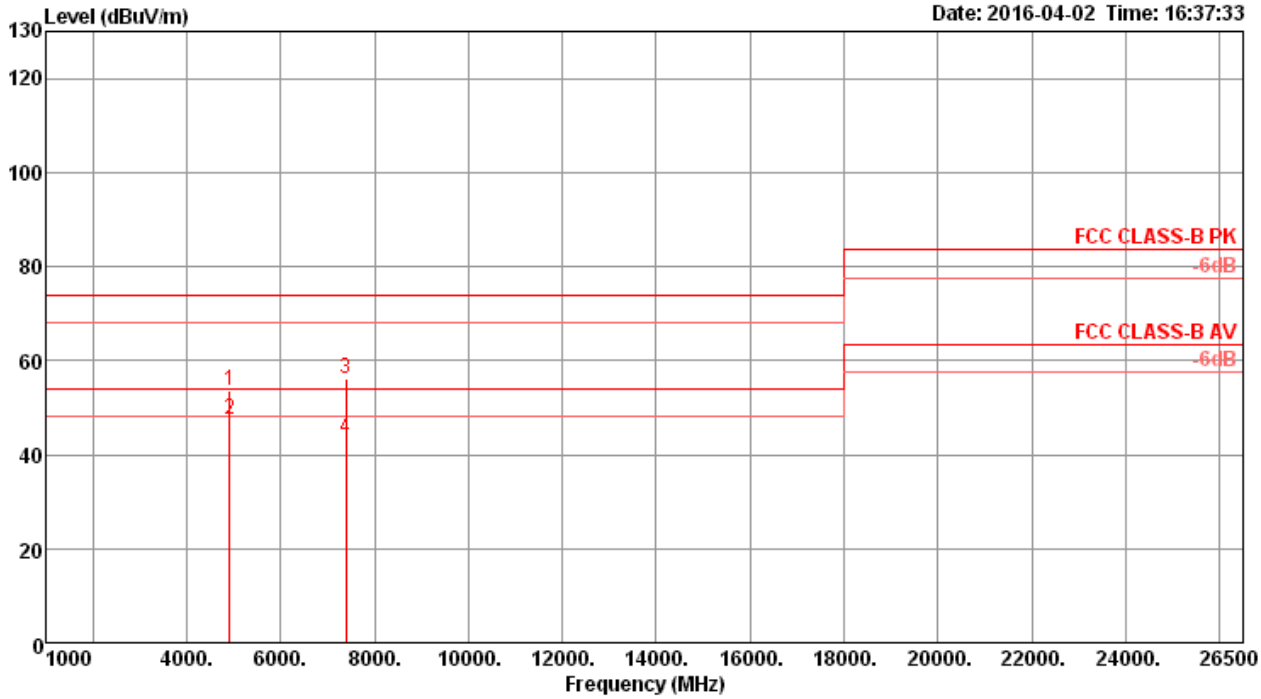
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.98 | 57.06 | 74.00 | -16.94 | 46.63 | 10.28 | 33.23 | 33.08 | 283 | 220 | Peak | VERTICAL |
| 2 | 4874.00 | 53.59 | 54.00 | -0.41 | 43.16 | 10.28 | 33.23 | 33.08 | 283 | 220 | Average | VERTICAL |
| 3 | 7308.96 | 56.67 | 74.00 | -17.33 | 41.63 | 12.42 | 36.09 | 33.47 | 236 | 89 | Peak | VERTICAL |
| 4 | 7315.58 | 44.26 | 54.00 | -9.74 | 29.22 | 12.42 | 36.09 | 33.47 | 236 | 89 | Average | VERTICAL |

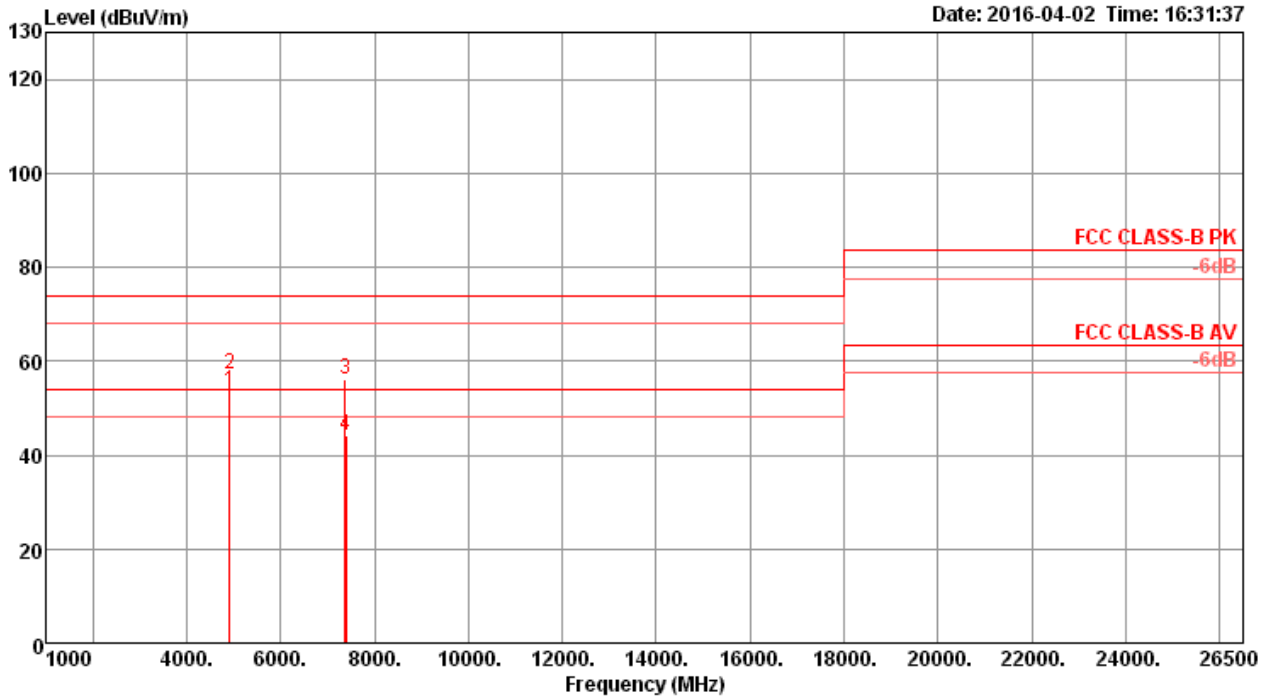
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4923.90 | 53.44 | 74.00 | -20.56 | 42.88 | 10.28 | 33.35 | 33.07 | 200 | 225 | Peak | HORIZONTAL |
| 2 | 4923.97 | 47.29 | 54.00 | -6.71 | 36.73 | 10.28 | 33.35 | 33.07 | 200 | 225 | Average | HORIZONTAL |
| 3 | 7385.54 | 55.99 | 74.00 | -18.01 | 40.88 | 12.33 | 36.27 | 33.49 | 175 | 271 | Peak | HORIZONTAL |
| 4 | 7387.34 | 43.41 | 54.00 | -10.59 | 28.30 | 12.33 | 36.27 | 33.49 | 175 | 271 | Average | HORIZONTAL |

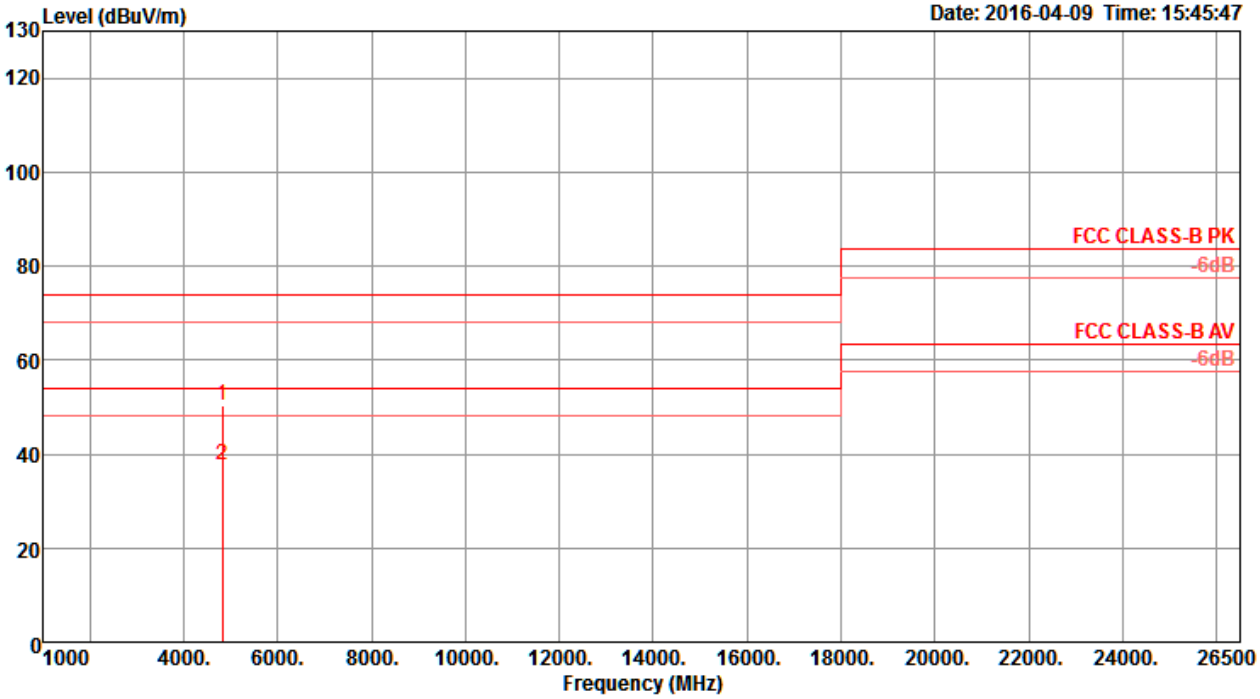
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4923.98 | 53.55 | 54.00 | -0.45 | 42.99 | 10.28 | 33.35 | 33.07 | 300 | 219 | Average | VERTICAL |
| 2 | 4924.12 | 57.33 | 74.00 | -16.67 | 46.77 | 10.28 | 33.35 | 33.07 | 300 | 219 | Peak | VERTICAL |
| 3 | 7383.98 | 55.98 | 74.00 | -18.02 | 40.87 | 12.33 | 36.27 | 33.49 | 214 | 49 | Peak | VERTICAL |
| 4 | 7386.91 | 44.35 | 54.00 | -9.65 | 29.24 | 12.33 | 36.27 | 33.49 | 214 | 49 | Average | VERTICAL |

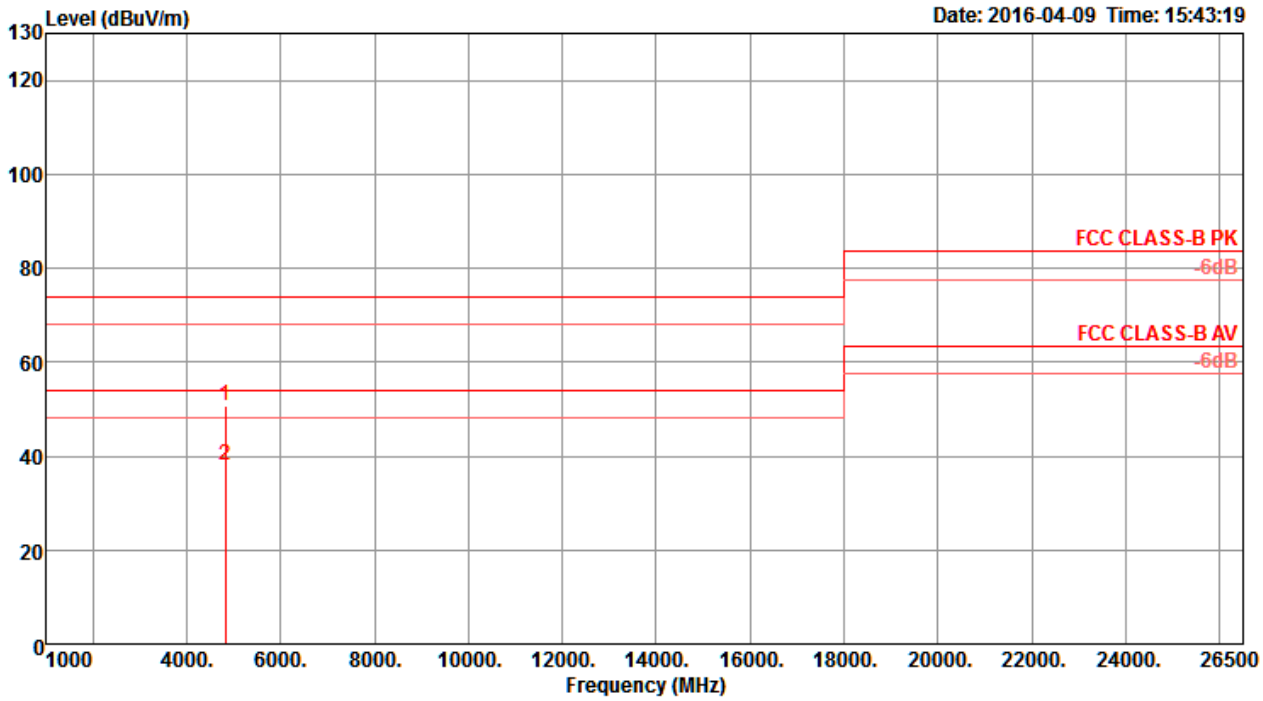
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4820.72 | 50.44 | 74.00 | -23.56 | 44.56 | 7.58 | 32.82 | 34.52 | 104 | 160 | Peak | HORIZONTAL |
| 2 | 4821.40 | 37.76 | 54.00 | -16.24 | 31.88 | 7.58 | 32.82 | 34.52 | 104 | 160 | Average | HORIZONTAL |

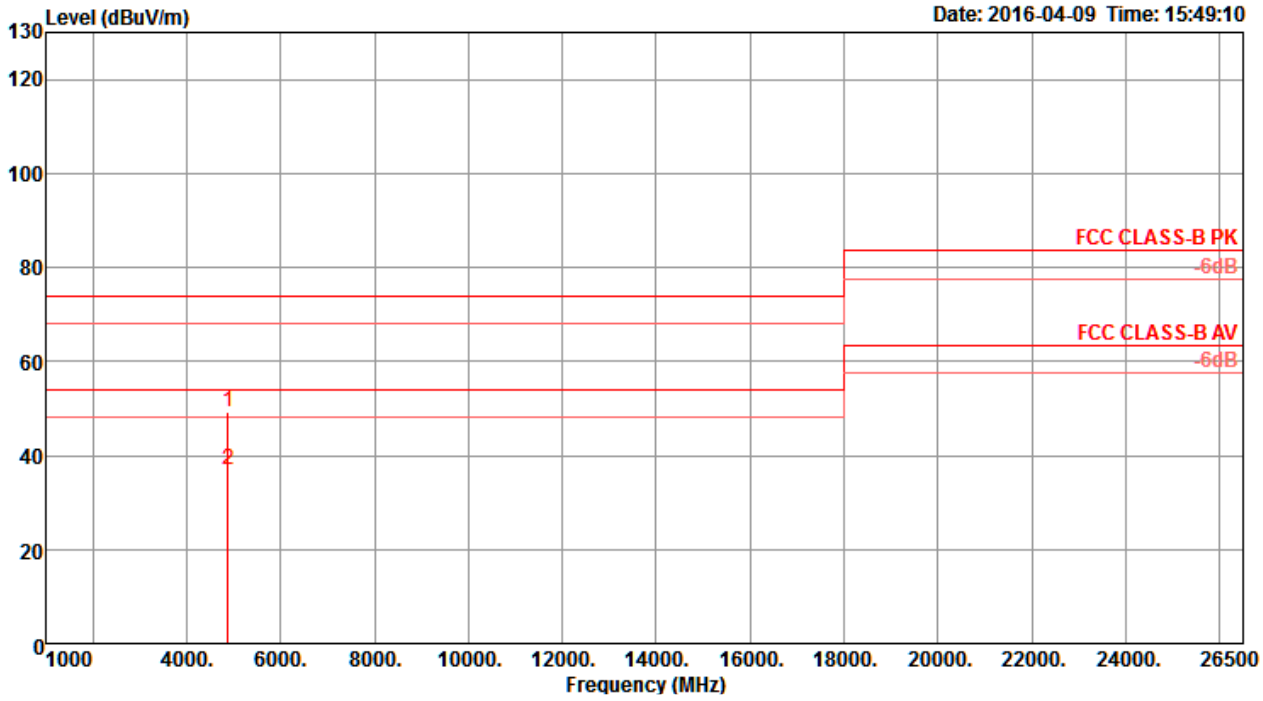
*Vertical*




| | 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 | 4821.08 | 50.84 | 74.00 | -23.16 | 44.96 | 7.58 | 32.82 | 34.52 | 121 | 164 | Peak | VERTICAL |
| 2 | 4822.24 | 38.15 | 54.00 | -15.85 | 32.27 | 7.58 | 32.82 | 34.52 | 121 | 164 | Average | VERTICAL |

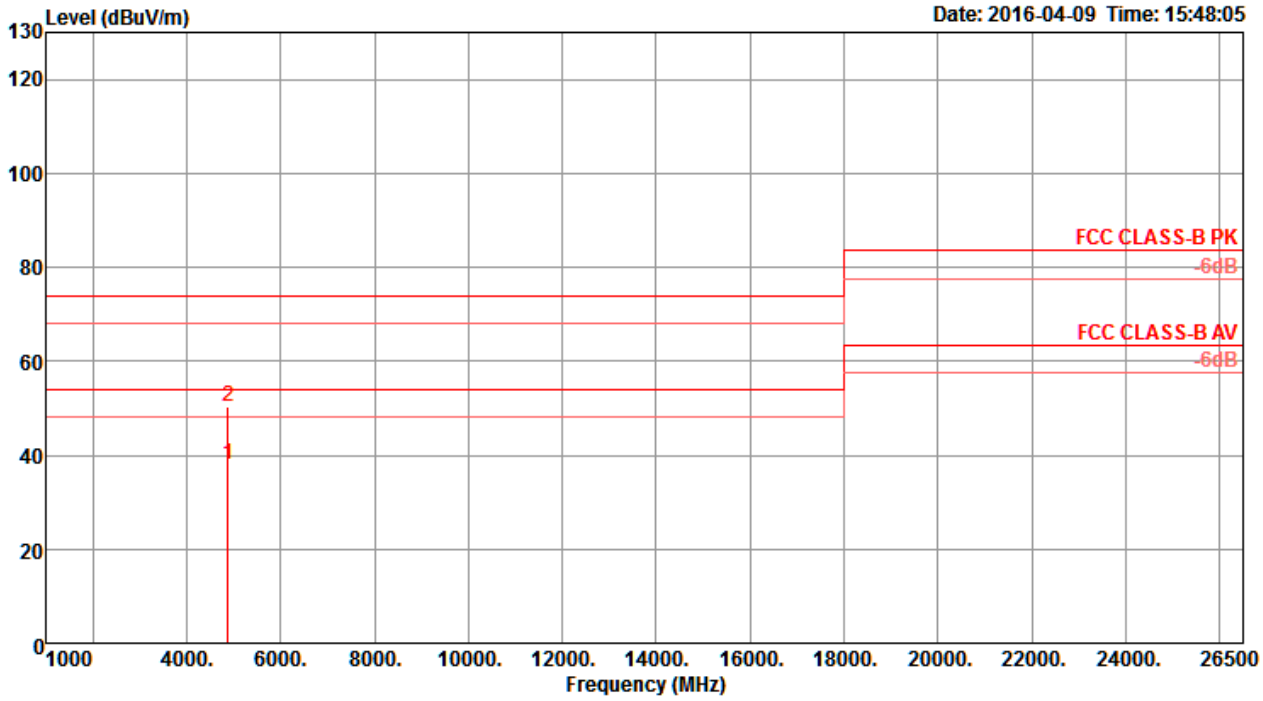
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4872.32 | 49.33 | 74.00 | -24.67 | 43.33 | 7.60 | 32.91 | 34.51 | 100 | 185 | Peak | HORIZONTAL |
| 2 | 4873.76 | 37.06 | 54.00 | -16.94 | 31.06 | 7.60 | 32.91 | 34.51 | 100 | 185 | Average | HORIZONTAL |

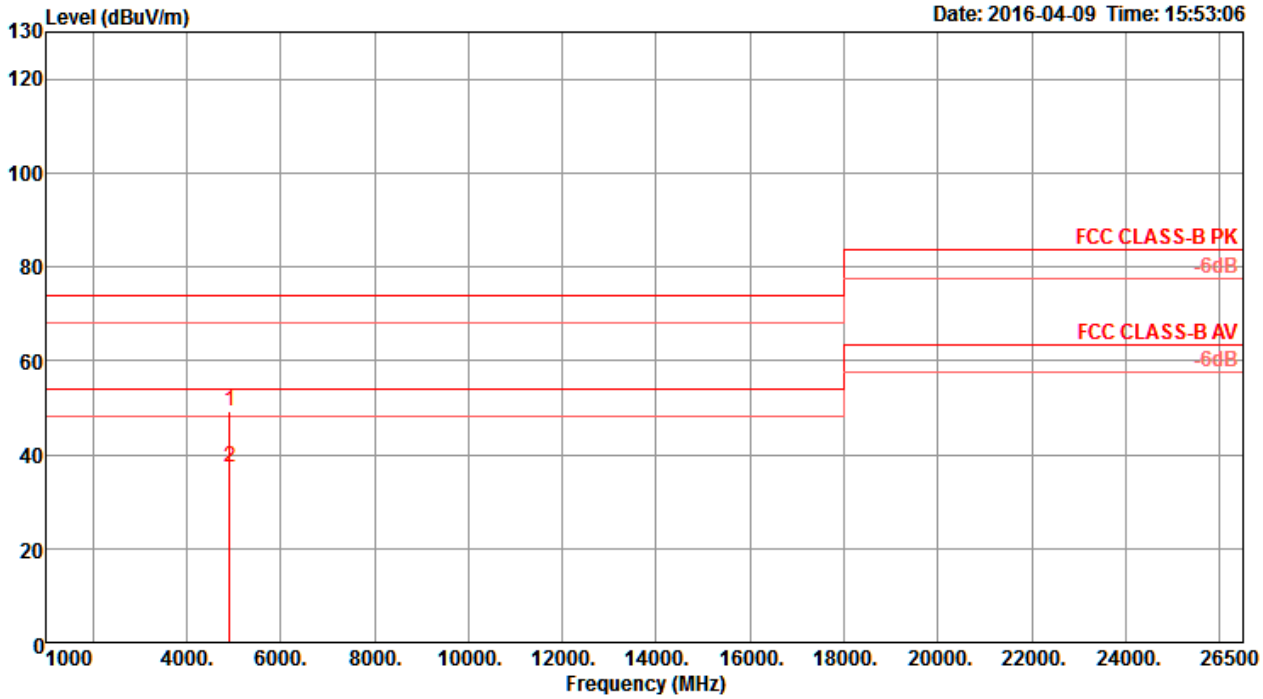
*Vertical*




| | 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 | 4872.40 | 37.85 | 54.00 | -16.15 | 31.85 | 7.60 | 32.91 | 34.51 | 122 | 194 | Average | VERTICAL |
| 2 | 4873.04 | 50.44 | 74.00 | -23.56 | 44.44 | 7.60 | 32.91 | 34.51 | 122 | 194 | Peak | VERTICAL |

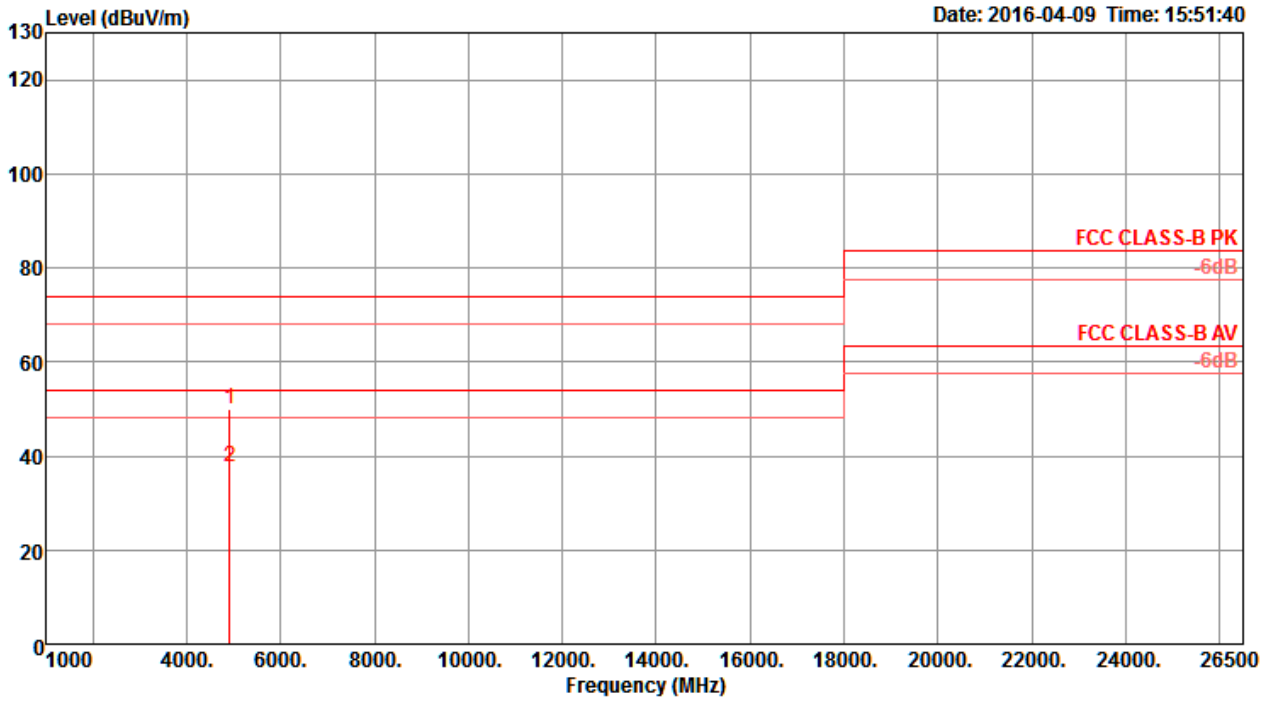
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4922.16 | 49.32 | 74.00 | -24.68 | 43.23 | 7.61 | 32.97 | 34.49 | 106 | 166 | Peak | HORIZONTAL |
| 2 | 4922.24 | 37.40 | 54.00 | -16.60 | 31.31 | 7.61 | 32.97 | 34.49 | 106 | 166 | Average | HORIZONTAL |

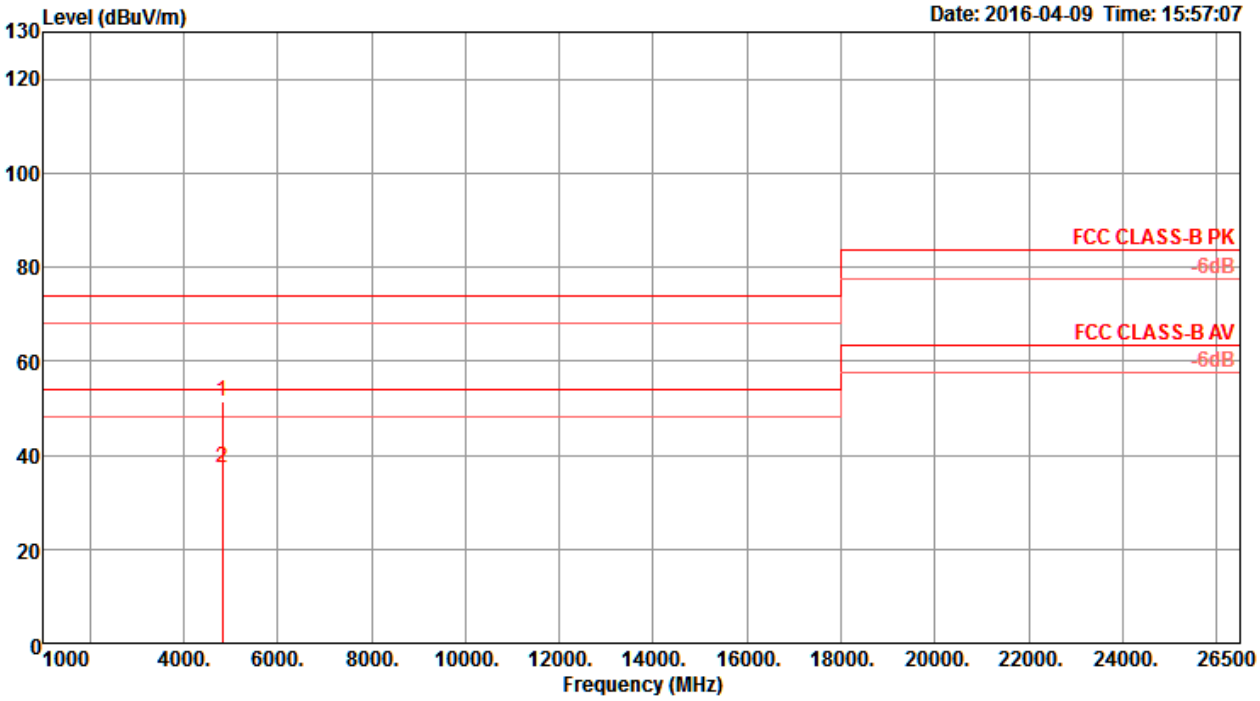
*Vertical*




| | 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 | 4921.64 | 50.05 | 74.00 | -23.95 | 43.96 | 7.61 | 32.97 | 34.49 | 124 | 165 | Peak | VERTICAL |
| 2 | 4922.92 | 37.74 | 54.00 | -16.26 | 31.65 | 7.61 | 32.97 | 34.49 | 124 | 165 | Average | VERTICAL |

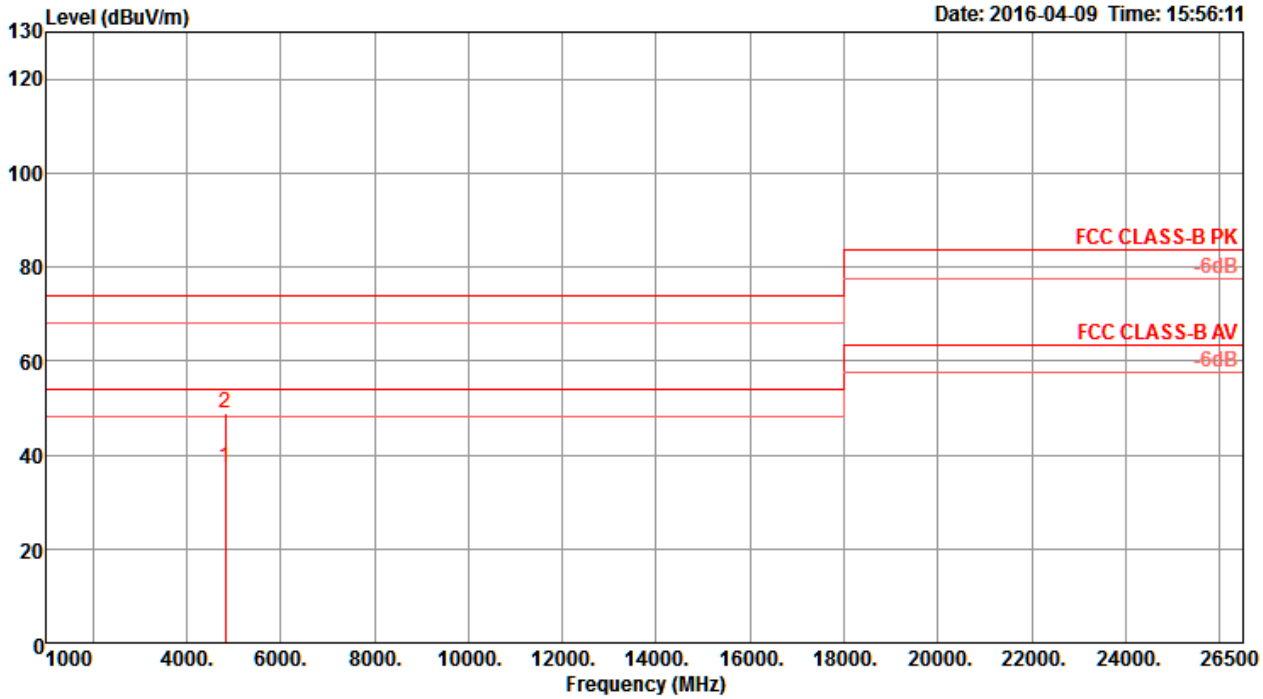
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4821.72 | 51.37 | 74.00 | -22.63 | 45.49 | 7.58 | 32.82 | 34.52 | 107 | 154 | Peak | HORIZONTAL |
| 2 | 4821.76 | 37.48 | 54.00 | -16.52 | 31.60 | 7.58 | 32.82 | 34.52 | 107 | 154 | Average | HORIZONTAL |

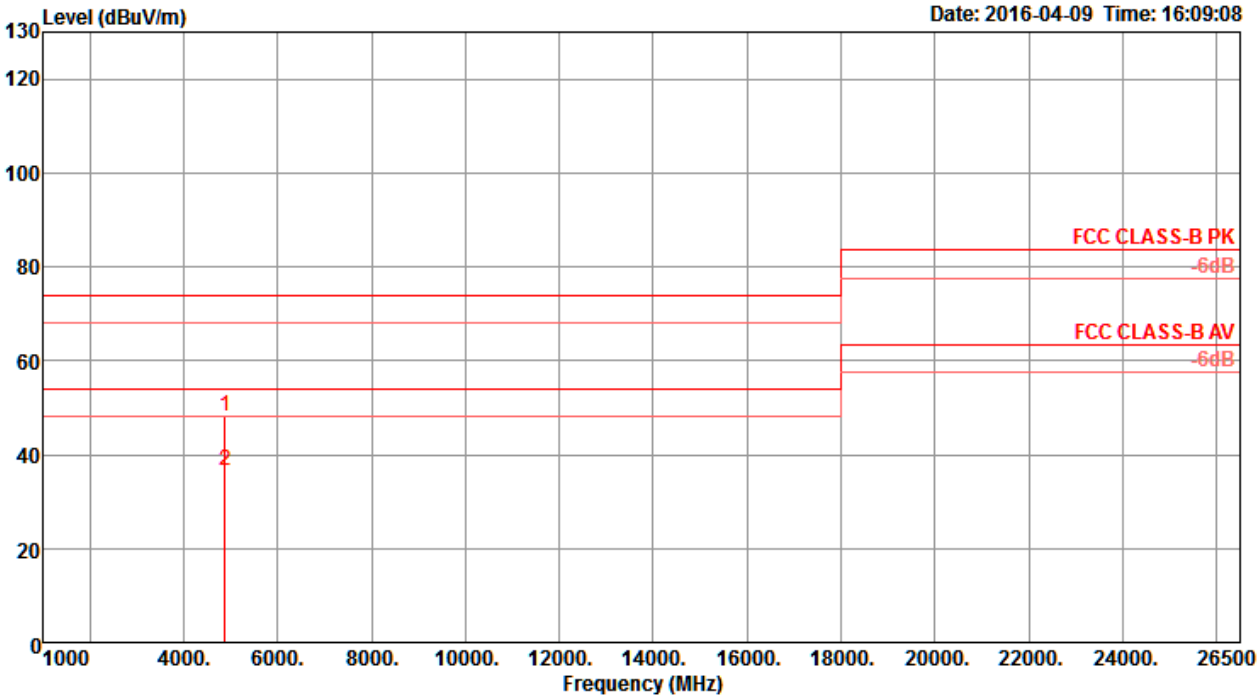
*Vertical*




| | 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 | 4821.56 | 37.22 | 54.00 | -16.78 | 31.34 | 7.58 | 32.82 | 34.52 | 116 | 165 | Average | VERTICAL |
| 2 | 4823.00 | 49.04 | 74.00 | -24.96 | 43.16 | 7.58 | 32.82 | 34.52 | 116 | 165 | Peak | VERTICAL |

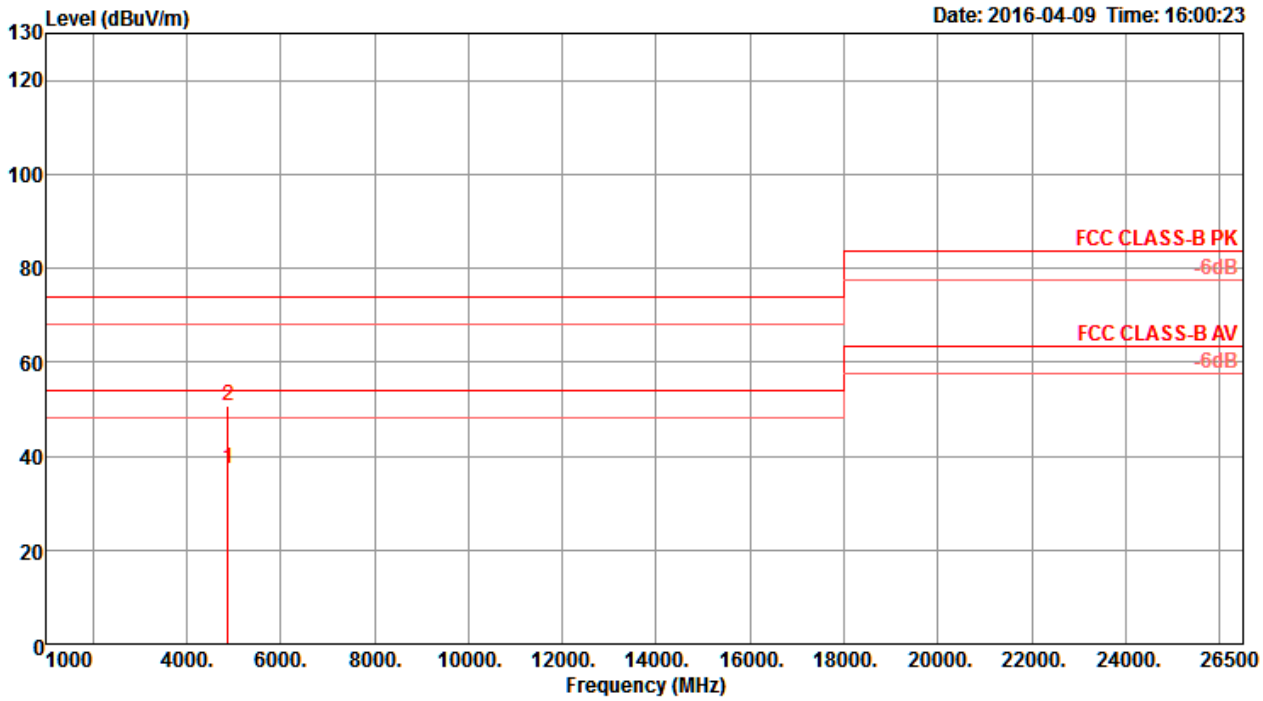
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4871.00 | 48.00 | 74.00 | -26.00 | 42.00 | 7.60 | 32.91 | 34.51 | 109 | 175 | Peak | HORIZONTAL |
| 2 | 4872.56 | 36.45 | 54.00 | -17.55 | 30.45 | 7.60 | 32.91 | 34.51 | 109 | 175 | Average | HORIZONTAL |

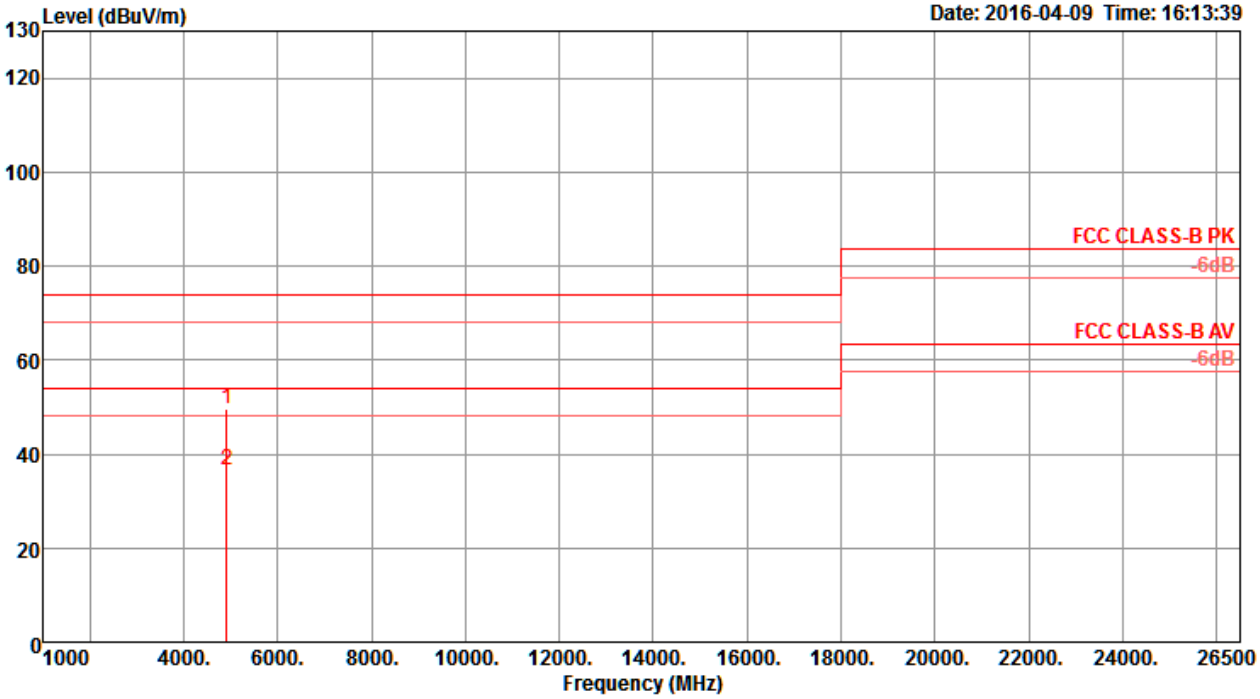
*Vertical*




| | 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 | 4872.68 | 37.25 | 54.00 | -16.75 | 31.25 | 7.60 | 32.91 | 34.51 | 126 | 178 | Average | VERTICAL |
| 2 | 4873.68 | 50.52 | 74.00 | -23.48 | 44.52 | 7.60 | 32.91 | 34.51 | 126 | 178 | Peak | VERTICAL |

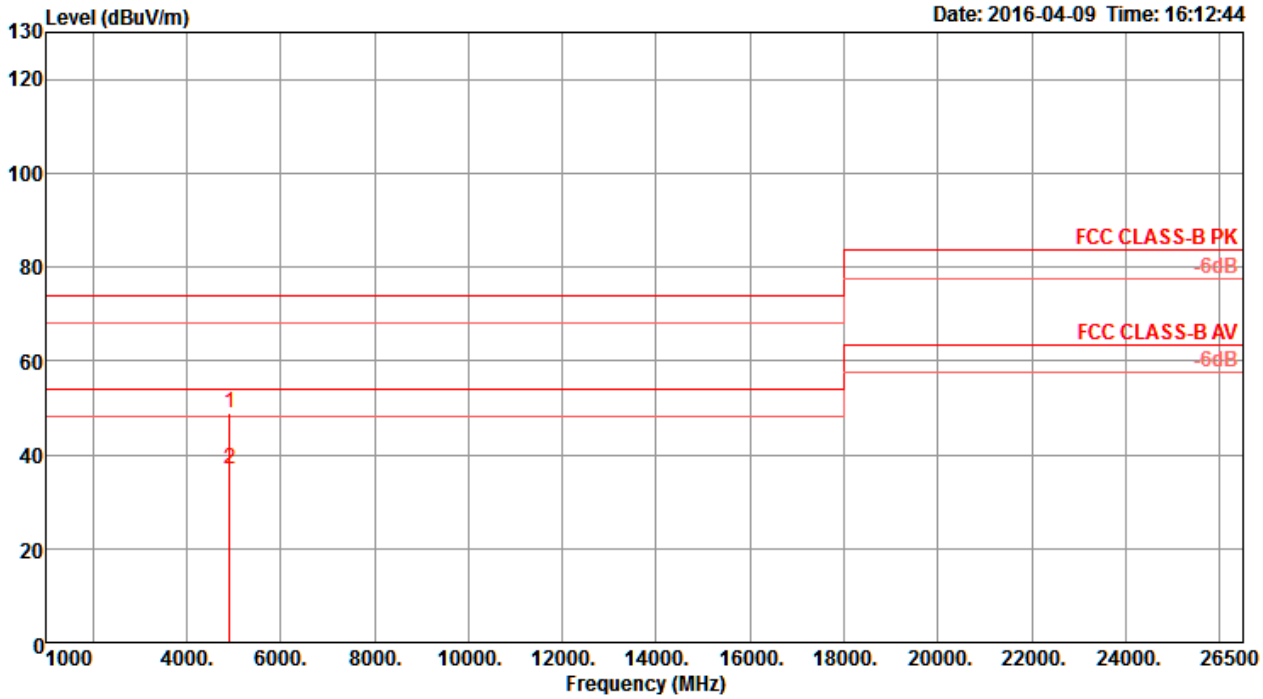
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4922.36 | 49.48 | 74.00 | -24.52 | 43.39 | 7.61 | 32.97 | 34.49 | 100 | 167 | Peak | HORIZONTAL |
| 2 | 4922.72 | 36.43 | 54.00 | -17.57 | 30.34 | 7.61 | 32.97 | 34.49 | 100 | 167 | Average | HORIZONTAL |

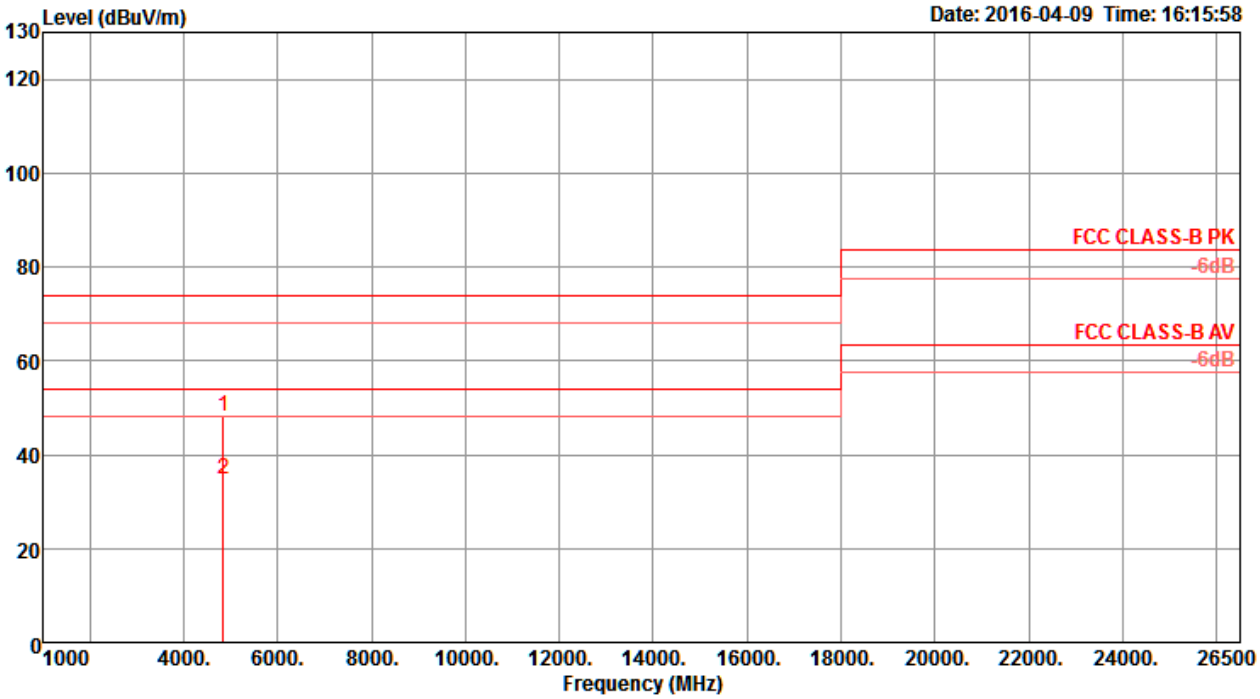
*Vertical*




| | 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 | 4922.64 | 48.97 | 74.00 | -25.03 | 42.88 | 7.61 | 32.97 | 34.49 | 127 | 170 | Peak | VERTICAL |
| 2 | 4922.72 | 36.83 | 54.00 | -17.17 | 30.74 | 7.61 | 32.97 | 34.49 | 127 | 170 | Average | VERTICAL |

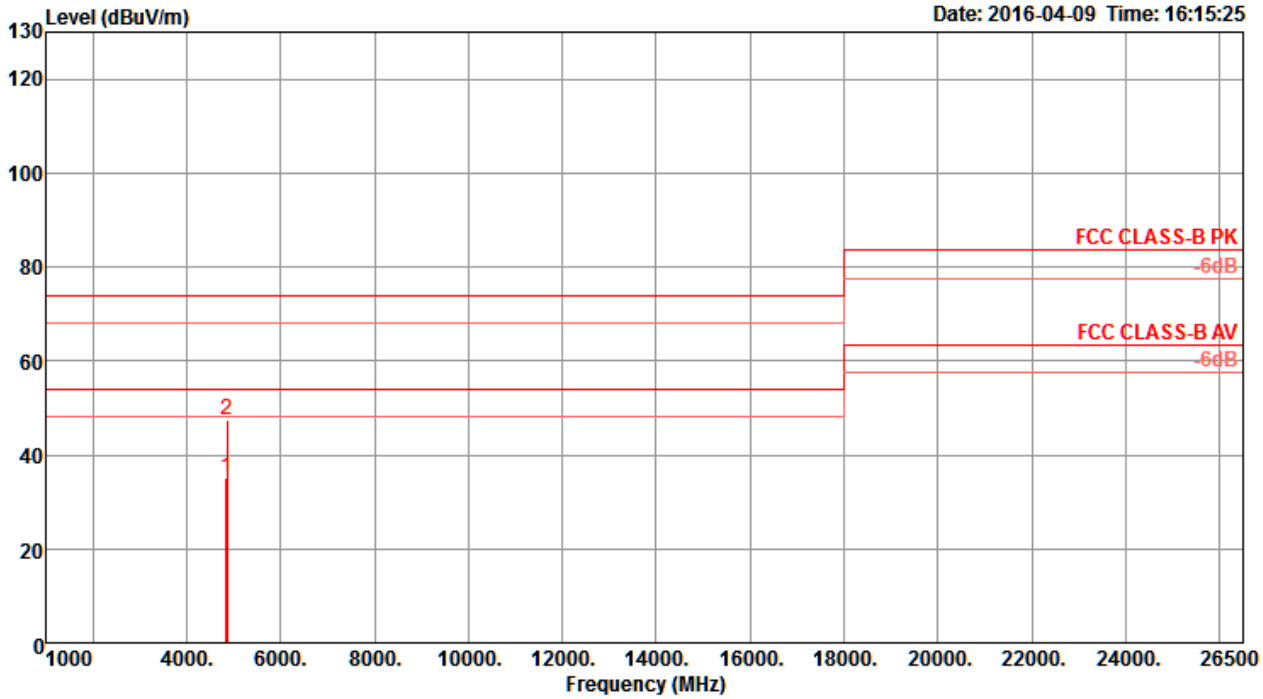
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4850.48 | 47.99 | 74.00 | -26.01 | 42.05 | 7.59 | 32.86 | 34.51 | 126 | 160 | Peak | HORIZONTAL |
| 2 | 4851.84 | 34.77 | 54.00 | -19.23 | 28.83 | 7.59 | 32.86 | 34.51 | 126 | 160 | Average | HORIZONTAL |

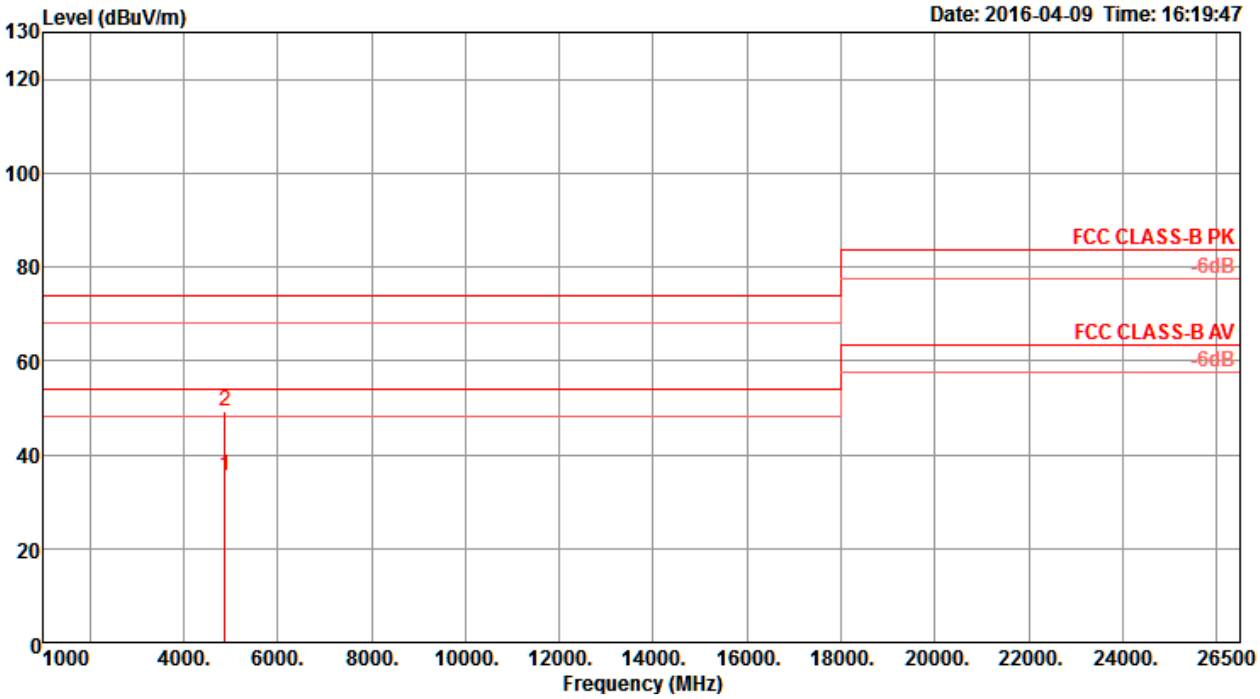
*Vertical*




| | 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 | 4844.36 | 35.18 | 54.00 | -18.82 | 29.25 | 7.59 | 32.86 | 34.52 | 137 | 164 | Average | VERTICAL |
| 2 | 4853.00 | 47.55 | 74.00 | -26.45 | 41.59 | 7.59 | 32.88 | 34.51 | 137 | 164 | Peak | VERTICAL |

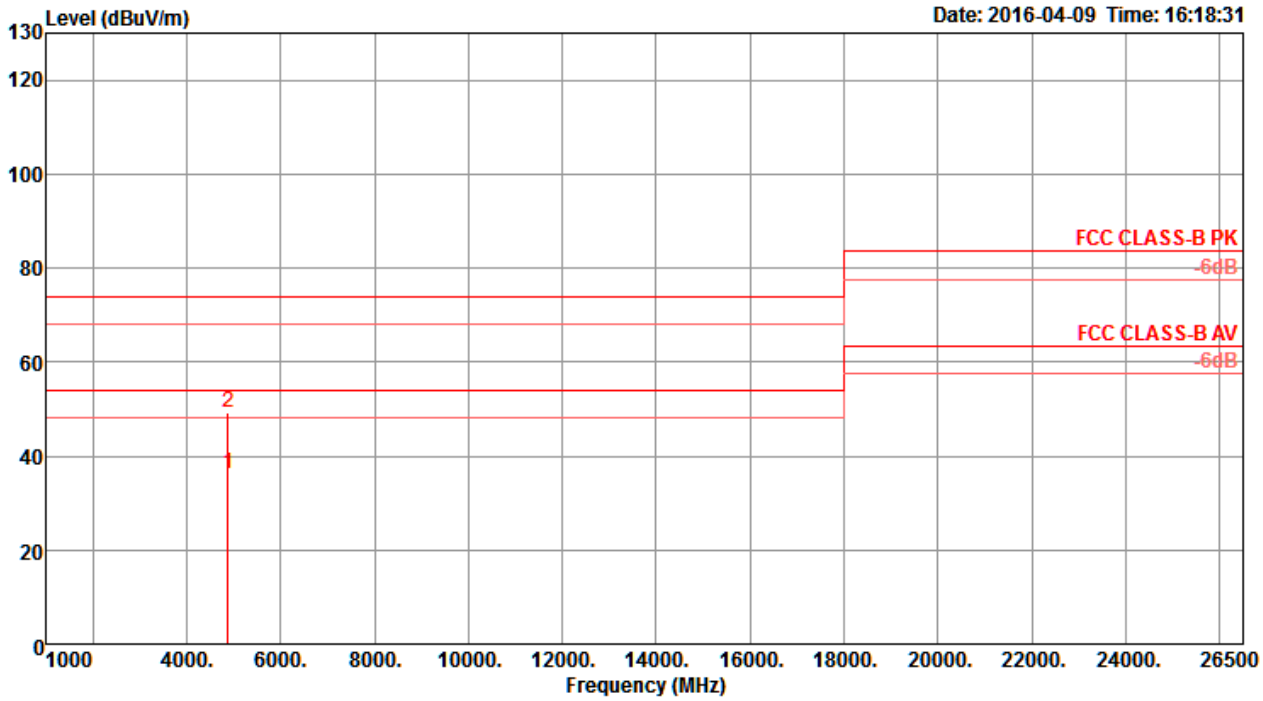
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4872.92 | 35.51 | 54.00 | -18.49 | 29.51 | 7.60 | 32.91 | 34.51 | 107 | 174 | Average | HORIZONTAL |
| 2 | 4874.24 | 49.29 | 74.00 | -24.71 | 43.29 | 7.60 | 32.91 | 34.51 | 107 | 174 | Peak | HORIZONTAL |

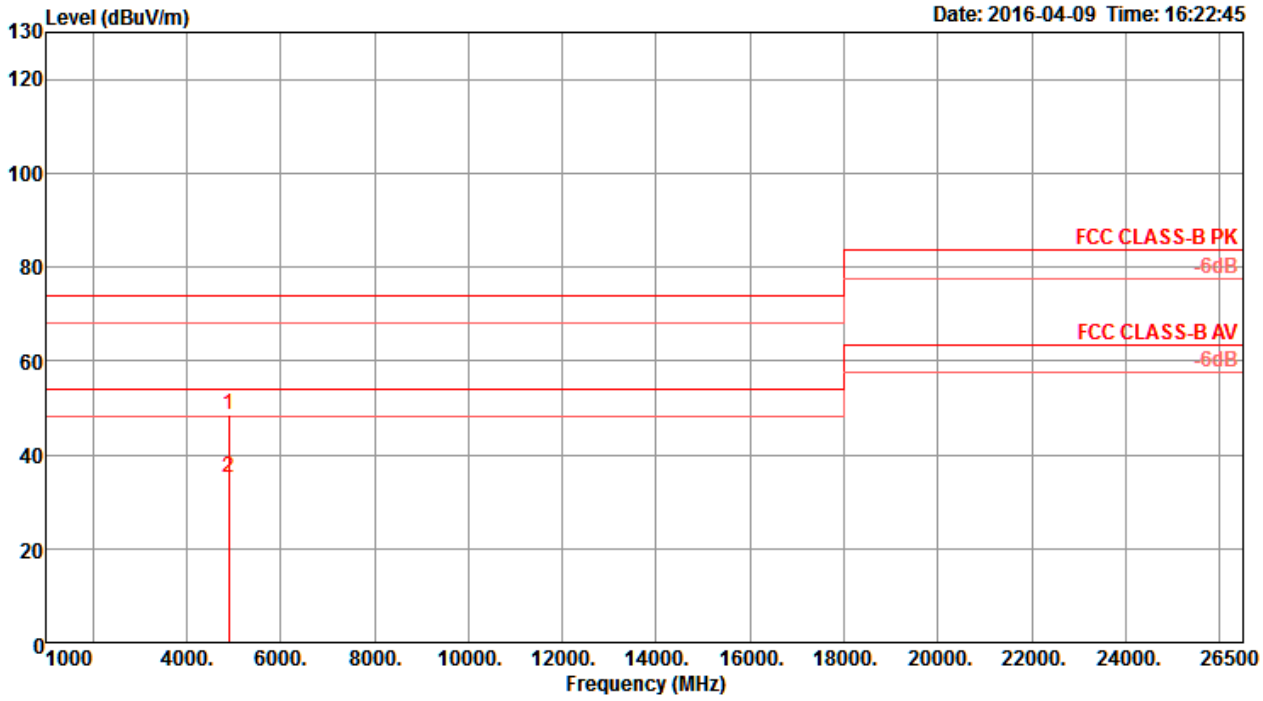
*Vertical*




| | 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 | 4873.68 | 36.17 | 54.00 | -17.83 | 30.17 | 7.60 | 32.91 | 34.51 | 115 | 188 | Average | VERTICAL |
| 2 | 4874.36 | 49.28 | 74.00 | -24.72 | 43.28 | 7.60 | 32.91 | 34.51 | 115 | 188 | Peak | VERTICAL |

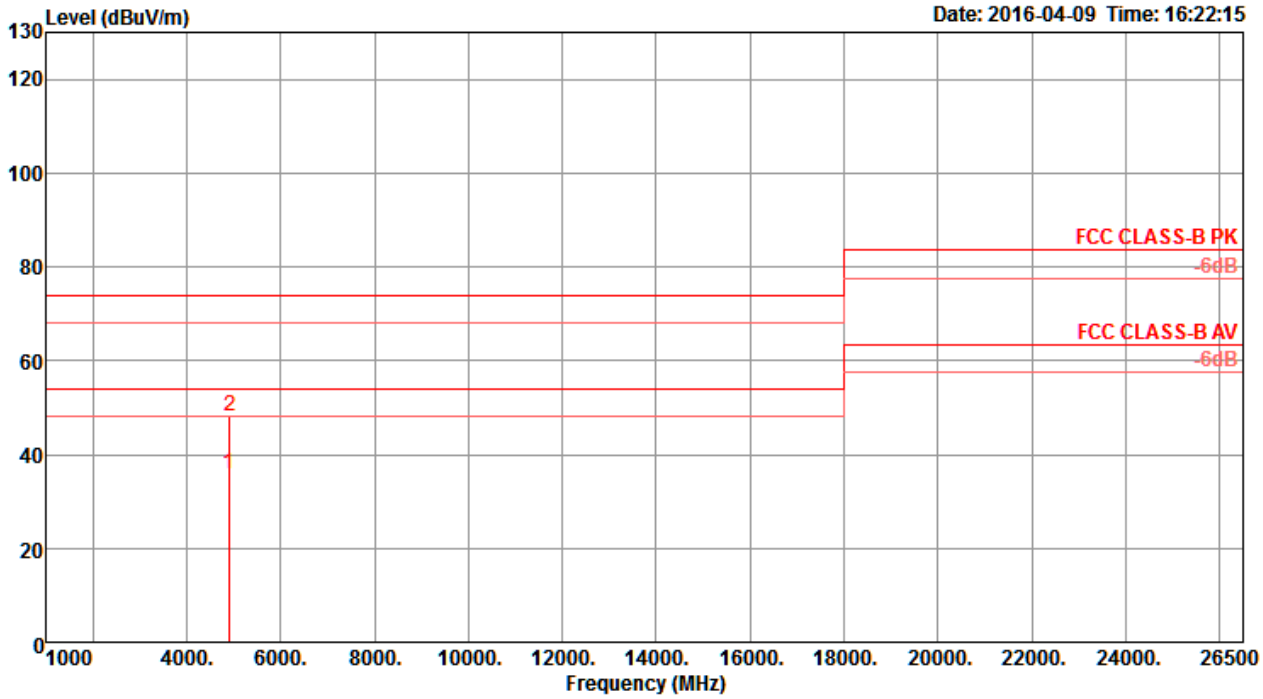
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*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 | 4903.56 | 48.57 | 74.00 | -25.43 | 42.51 | 7.61 | 32.95 | 34.50 | 128 | 165 | Peak | HORIZONTAL |
| 2 | 4906.12 | 35.07 | 54.00 | -18.93 | 29.01 | 7.61 | 32.95 | 34.50 | 128 | 165 | Average | HORIZONTAL |

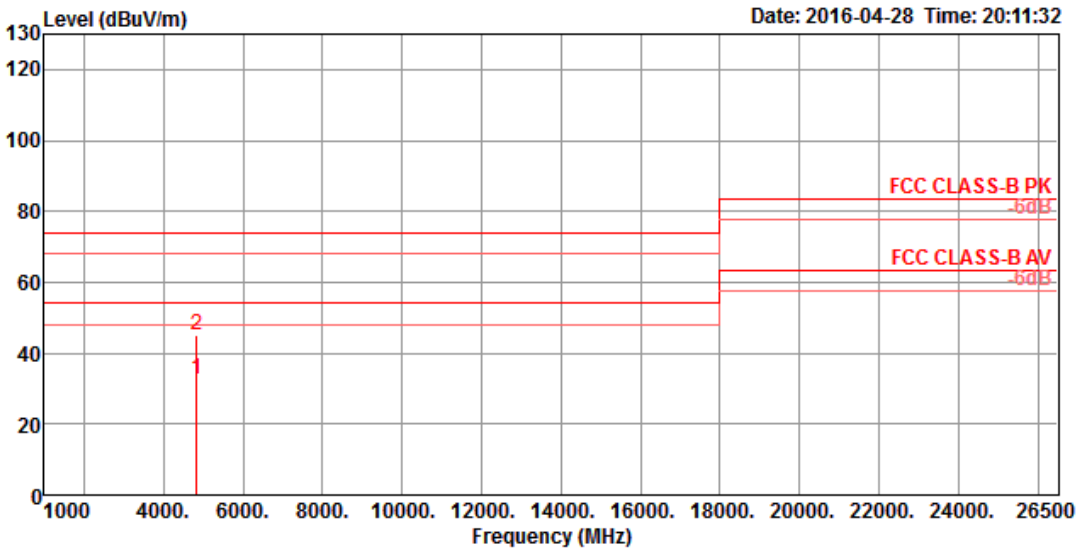
*Vertical*




| | 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 | 4903.68 | 35.95 | 54.00 | -18.05 | 29.89 | 7.61 | 32.95 | 34.50 | 110 | 169 | Average | VERTICAL |
| 2 | 4907.84 | 48.06 | 74.00 | -25.94 | 42.00 | 7.61 | 32.95 | 34.50 | 110 | 169 | Peak | VERTICAL |

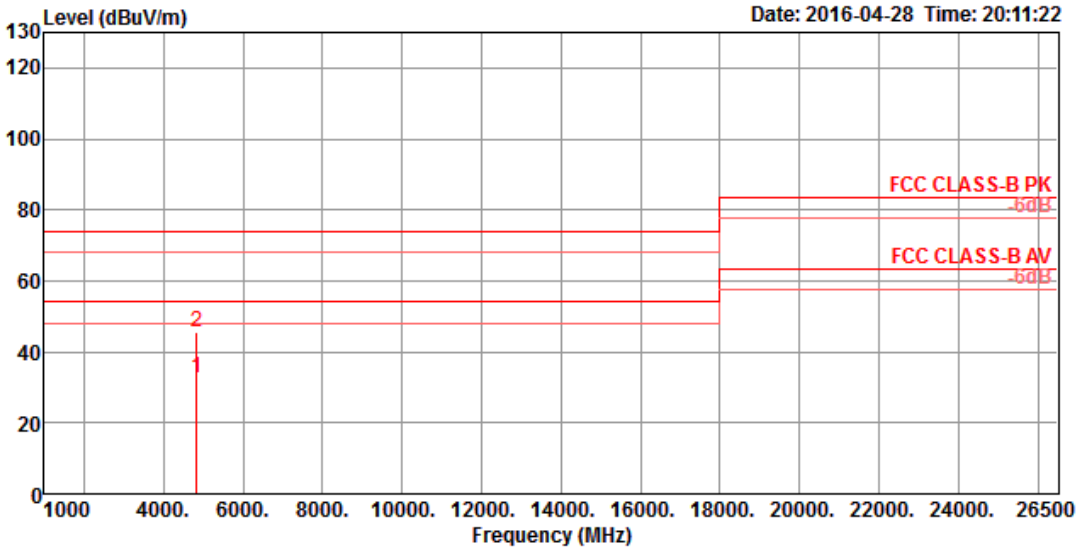
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.57 | 32.65 | 54.00 | -21.35 | 29.13 | 7.48 | 32.58 | 36.54 | 150 | 59 | Average | HORIZONTAL |
| 2 | 4824.03 | 45.21 | 74.00 | -28.79 | 41.69 | 7.48 | 32.58 | 36.54 | 150 | 59 | Peak | HORIZONTAL |

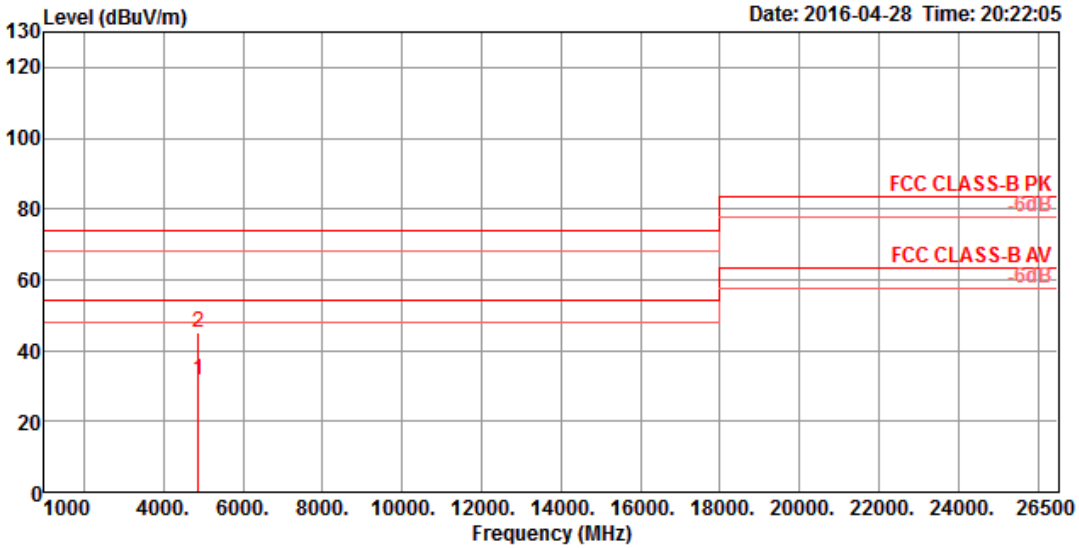
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4821.28 | 32.58 | 54.00 | -21.42 | 29.06 | 7.48 | 32.58 | 36.54 | 150 | 237 | Average | VERTICAL |
| 2 | 4836.50 | 45.58 | 74.00 | -28.42 | 42.01 | 7.50 | 32.61 | 36.54 | 150 | 237 | Peak | VERTICAL |

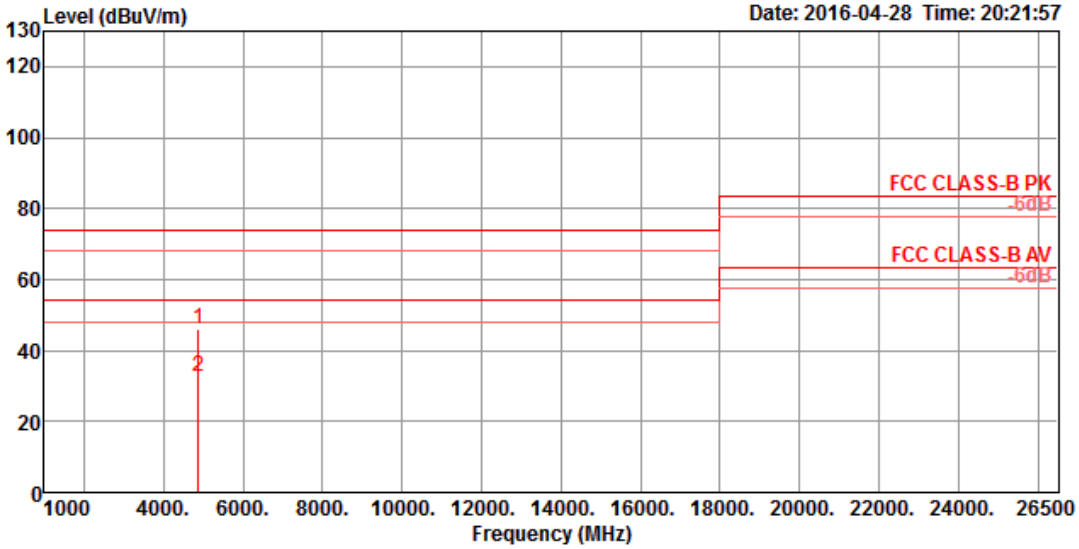
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4871.08 | 31.84 | 54.00 | -22.16 | 28.13 | 7.56 | 32.68 | 36.53 | 150 | 37 | Average | HORIZONTAL |
| 2 | 4877.48 | 45.25 | 74.00 | -28.75 | 41.54 | 7.56 | 32.68 | 36.53 | 150 | 37 | Peak | HORIZONTAL |

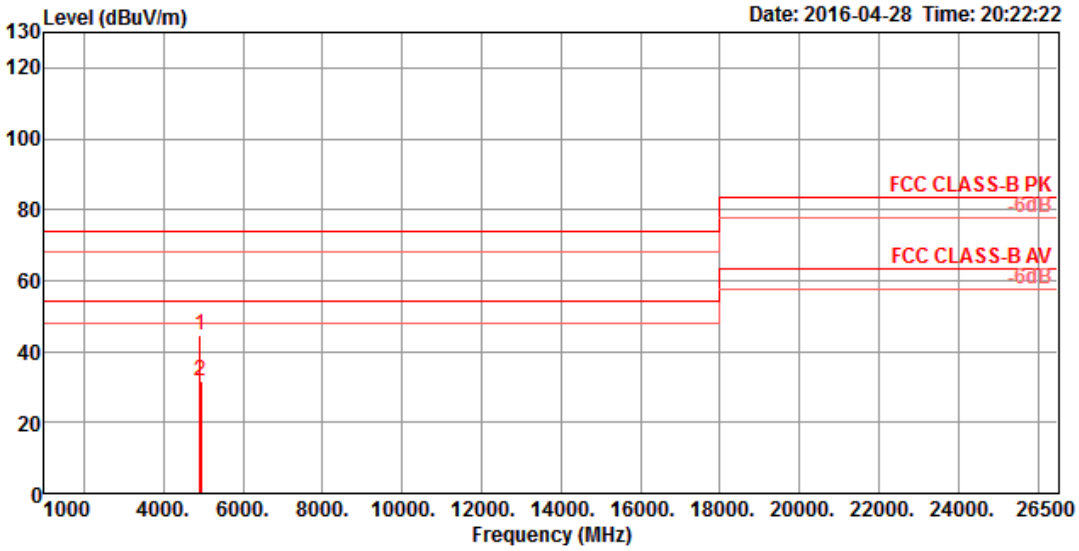
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4872.70 | 46.05 | 74.00 | -27.95 | 42.34 | 7.56 | 32.68 | 36.53 | 150 | 212 | Peak | VERTICAL |
| 2 | 4876.79 | 32.45 | 54.00 | -21.55 | 28.74 | 7.56 | 32.68 | 36.53 | 150 | 212 | Average | VERTICAL |

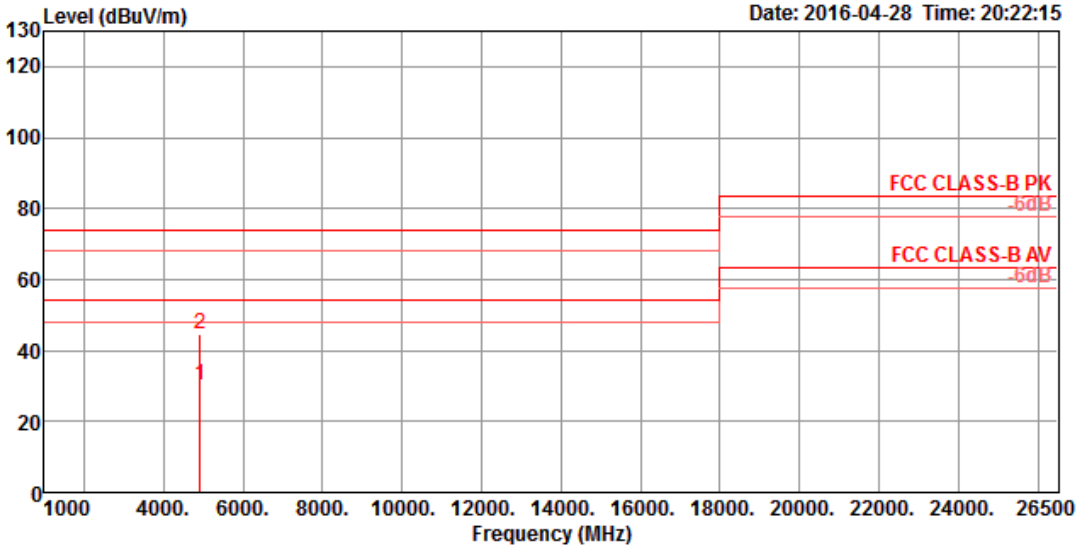
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4922.91 | 44.49 | 74.00 | -29.51 | 40.64 | 7.63 | 32.75 | 36.53 | 150 | 51 | Peak | HORIZONTAL |
| 2 | 4928.54 | 31.53 | 54.00 | -22.47 | 27.63 | 7.65 | 32.78 | 36.53 | 150 | 51 | Average | HORIZONTAL |

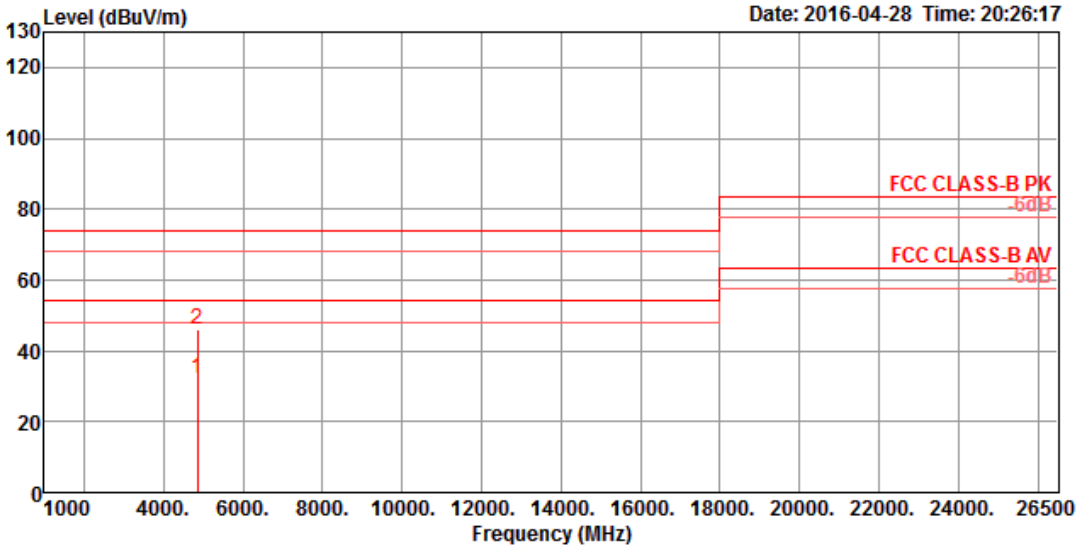
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4922.64 | 30.44 | 54.00 | -23.56 | 26.59 | 7.63 | 32.75 | 36.53 | 150 | 115 | Average | VERTICAL |
| 2 | 4923.36 | 44.70 | 74.00 | -29.30 | 40.85 | 7.63 | 32.75 | 36.53 | 150 | 115 | Peak | VERTICAL |

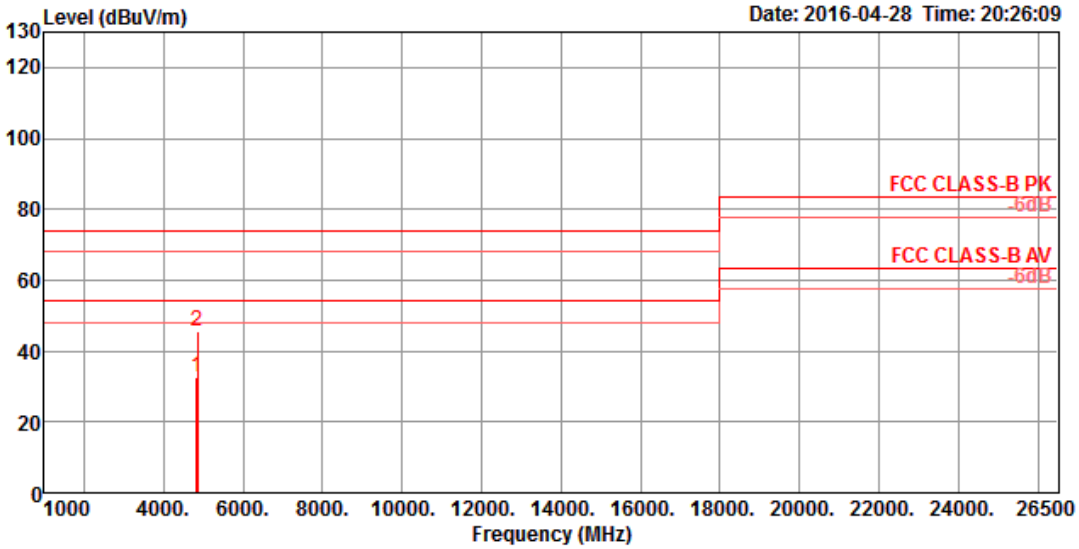
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4842.41 | 32.37 | 54.00 | -21.63 | 28.76 | 7.52 | 32.63 | 36.54 | 150 | 28 | Average | HORIZONTAL |
| 2 | 4845.56 | 45.96 | 74.00 | -28.04 | 42.34 | 7.52 | 32.63 | 36.53 | 150 | 28 | Peak | HORIZONTAL |

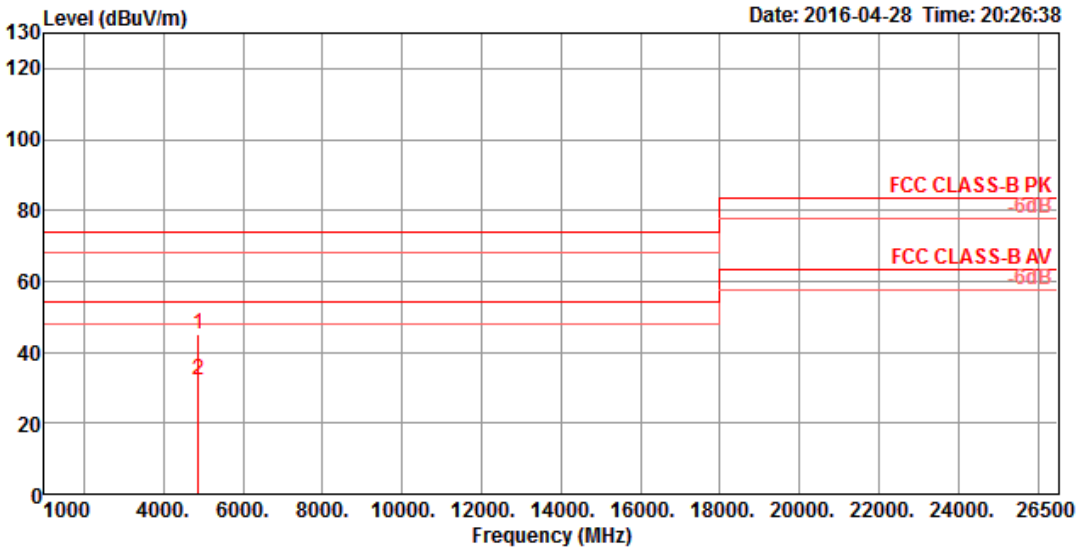
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4839.24 | 32.39 | 54.00 | -21.61 | 28.78 | 7.52 | 32.63 | 36.54 | 150 | 238 | Average | VERTICAL |
| 2 | 4848.38 | 45.58 | 74.00 | -28.42 | 41.96 | 7.52 | 32.63 | 36.53 | 150 | 238 | Peak | VERTICAL |

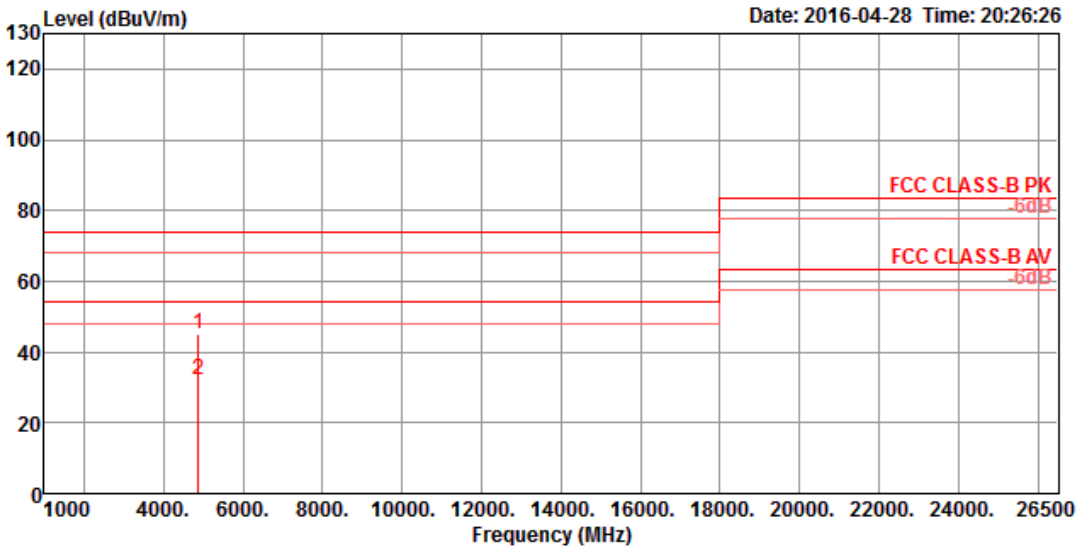
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4874.58 | 45.22 | 74.00 | -28.78 | 41.51 | 7.56 | 32.68 | 36.53 | 150 | 86 | Peak | HORIZONTAL |
| 2 | 4876.56 | 32.08 | 54.00 | -21.92 | 28.37 | 7.56 | 32.68 | 36.53 | 150 | 86 | Average | HORIZONTAL |

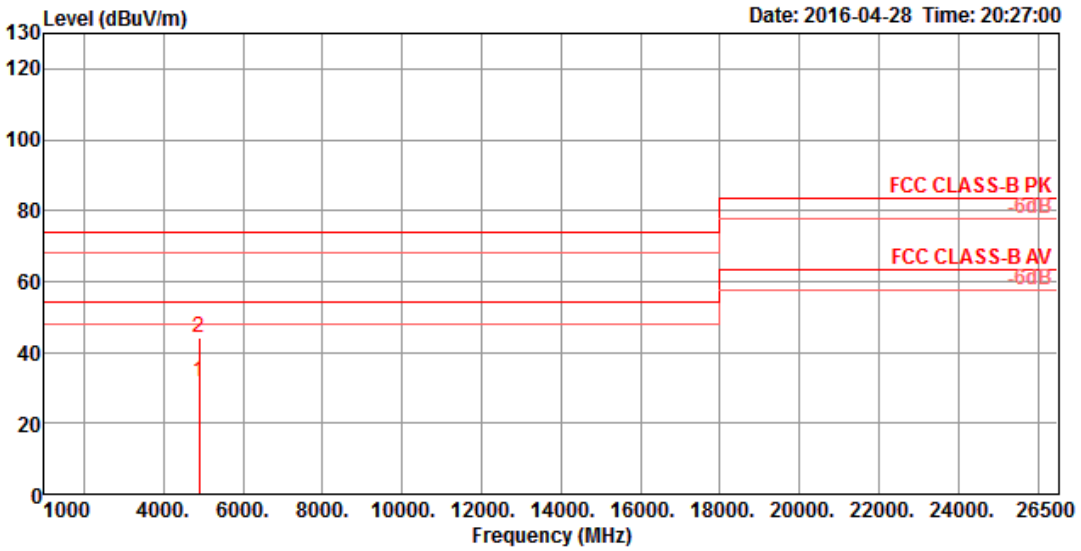
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4870.83 | 45.32 | 74.00 | -28.68 | 41.61 | 7.56 | 32.68 | 36.53 | 150 | 219 | Peak | VERTICAL |
| 2 | 4870.86 | 32.17 | 54.00 | -21.83 | 28.46 | 7.56 | 32.68 | 36.53 | 150 | 219 | Average | VERTICAL |

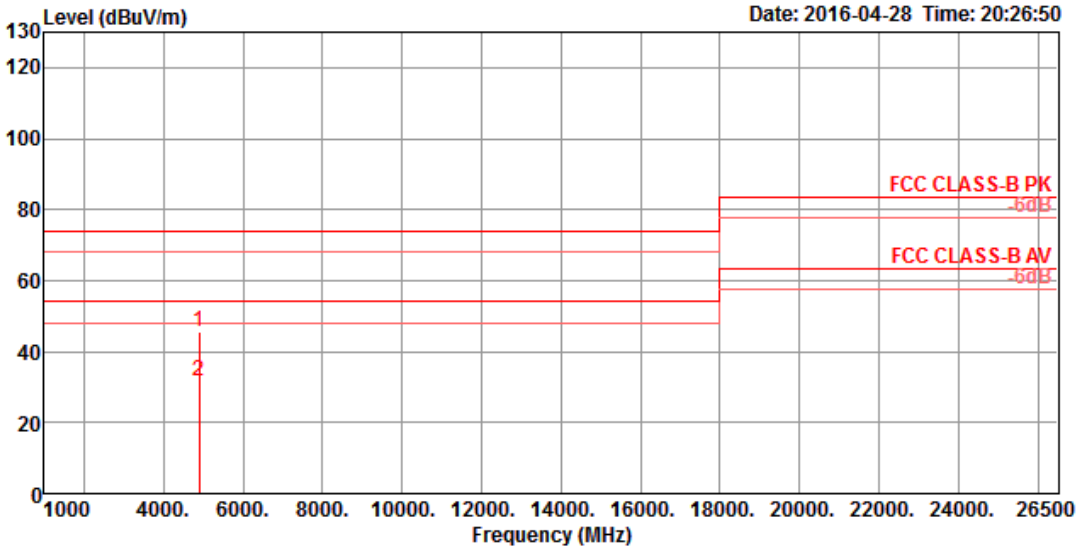
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 2 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4900.76 | 31.58 | 54.00 | -22.42 | 27.77 | 7.61 | 32.73 | 36.53 | 150 | 44 | Average | HORIZONTAL |
| 2 | 4905.11 | 44.35 | 74.00 | -29.65 | 40.54 | 7.61 | 32.73 | 36.53 | 150 | 44 | Peak | HORIZONTAL |

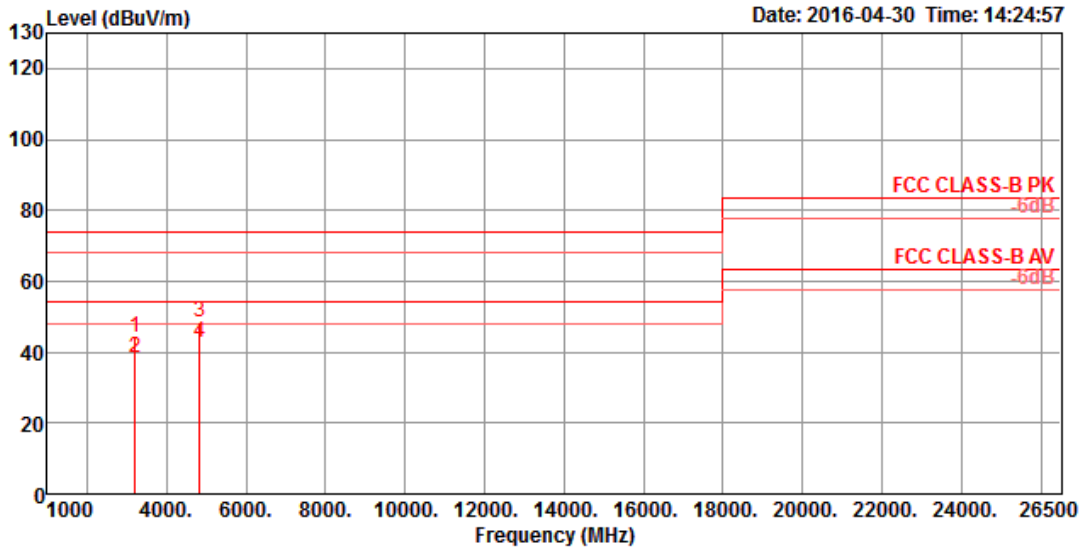
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4900.96 | 45.34 | 74.00 | -28.66 | 41.53 | 7.61 | 32.73 | 36.53 | 150 | 294 | Peak | VERTICAL |
| 2 | 4903.28 | 31.83 | 54.00 | -22.17 | 28.02 | 7.61 | 32.73 | 36.53 | 150 | 294 | Average | VERTICAL |

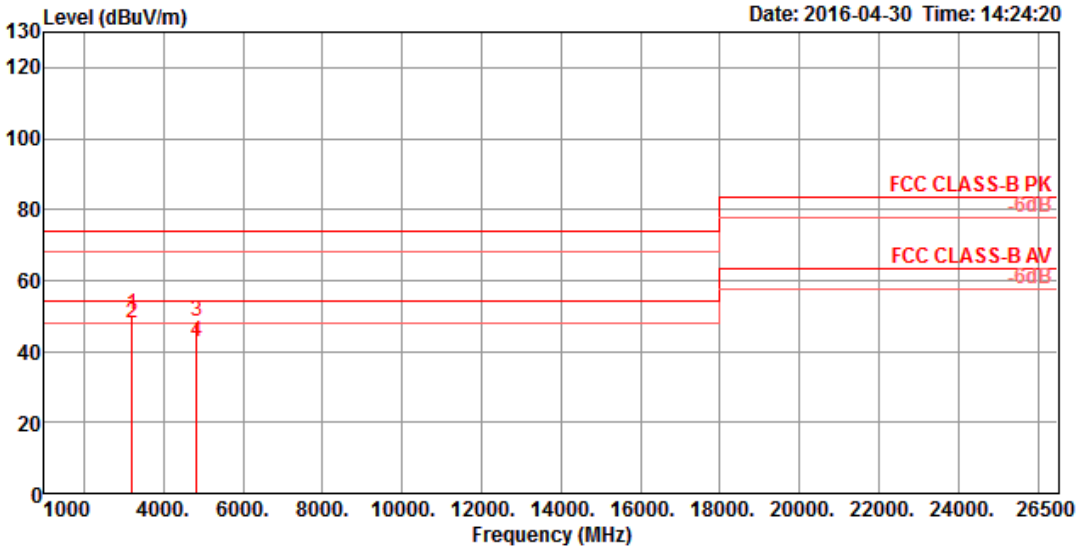
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3215.14 | 44.29 | 74.00 | -29.71 | 45.23 | 5.94 | 29.80 | 36.68 | 227 | 15 | Peak | HORIZONTAL |
| 2 | 3216.33 | 38.44 | 54.00 | -15.56 | 39.38 | 5.94 | 29.80 | 36.68 | 227 | 15 | Average | HORIZONTAL |
| 3 | 4823.88 | 48.29 | 74.00 | -25.71 | 44.77 | 7.48 | 32.58 | 36.54 | 227 | 15 | Peak | HORIZONTAL |
| 4 | 4823.98 | 42.89 | 54.00 | -11.11 | 39.37 | 7.48 | 32.58 | 36.54 | 227 | 15 | Average | HORIZONTAL |

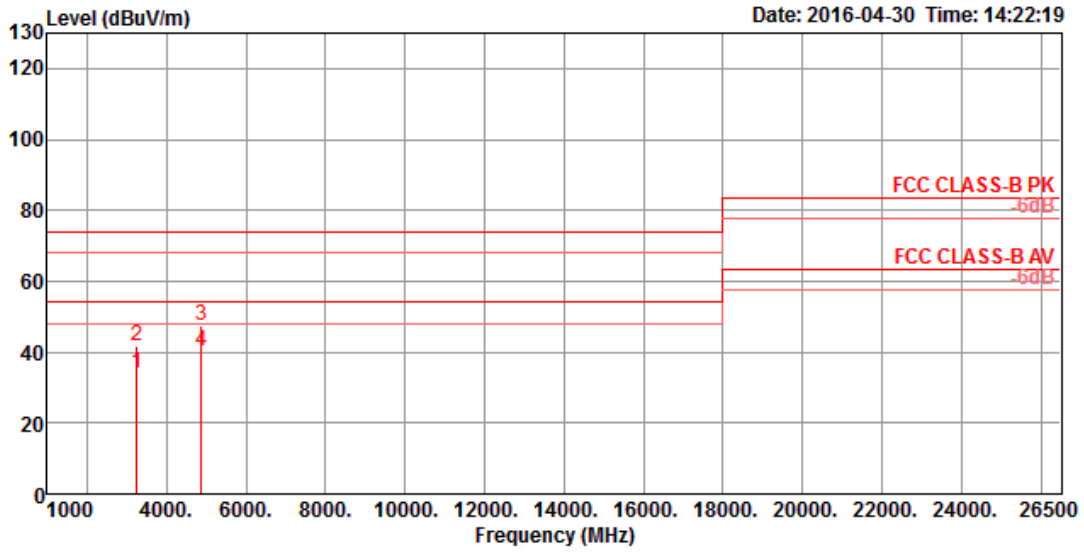
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3215.25 | 50.43 | 74.00 | -23.57 | 51.37 | 5.94 | 29.80 | 36.68 | 228 | 98 | Peak | VERTICAL |
| 2 | 3215.33 | 48.00 | 54.00 | -6.00 | 48.94 | 5.94 | 29.80 | 36.68 | 228 | 98 | Average | VERTICAL |
| 3 | 4823.90 | 48.59 | 74.00 | -25.41 | 45.07 | 7.48 | 32.58 | 36.54 | 228 | 98 | Peak | VERTICAL |
| 4 | 4824.00 | 42.83 | 54.00 | -11.17 | 39.31 | 7.48 | 32.58 | 36.54 | 228 | 98 | Average | VERTICAL |

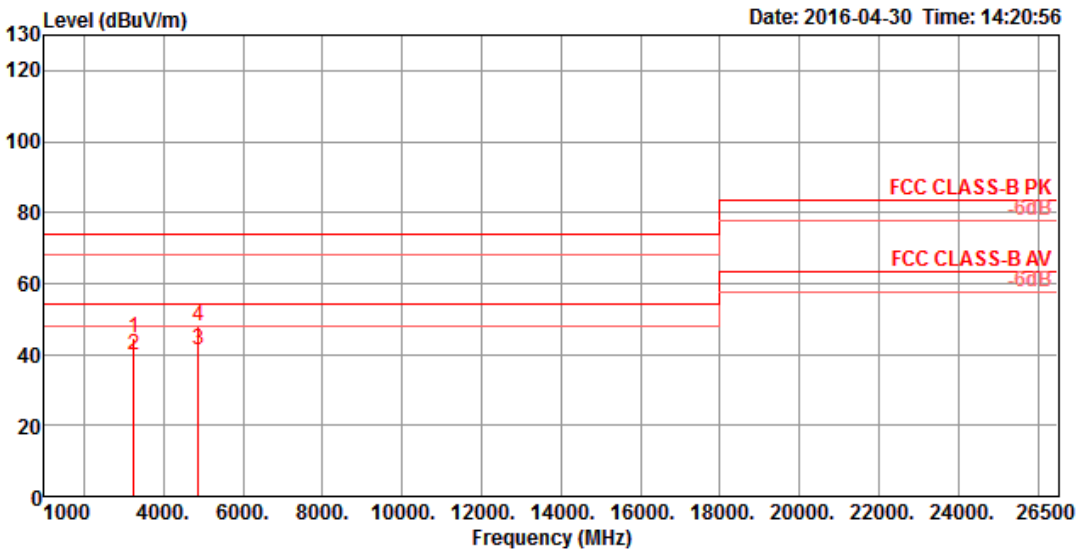
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.28 | 33.96 | 54.00 | -20.04 | 34.75 | 6.00 | 29.88 | 36.67 | 100 | 117 | Average | HORIZONTAL |
| 2 | 3249.30 | 41.94 | 74.00 | -32.06 | 42.73 | 6.00 | 29.88 | 36.67 | 100 | 117 | Peak | HORIZONTAL |
| 3 | 4873.75 | 47.68 | 74.00 | -26.32 | 43.97 | 7.56 | 32.68 | 36.53 | 231 | 231 | Peak | HORIZONTAL |
| 4 | 4873.92 | 40.52 | 54.00 | -13.48 | 36.81 | 7.56 | 32.68 | 36.53 | 231 | 231 | Average | HORIZONTAL |

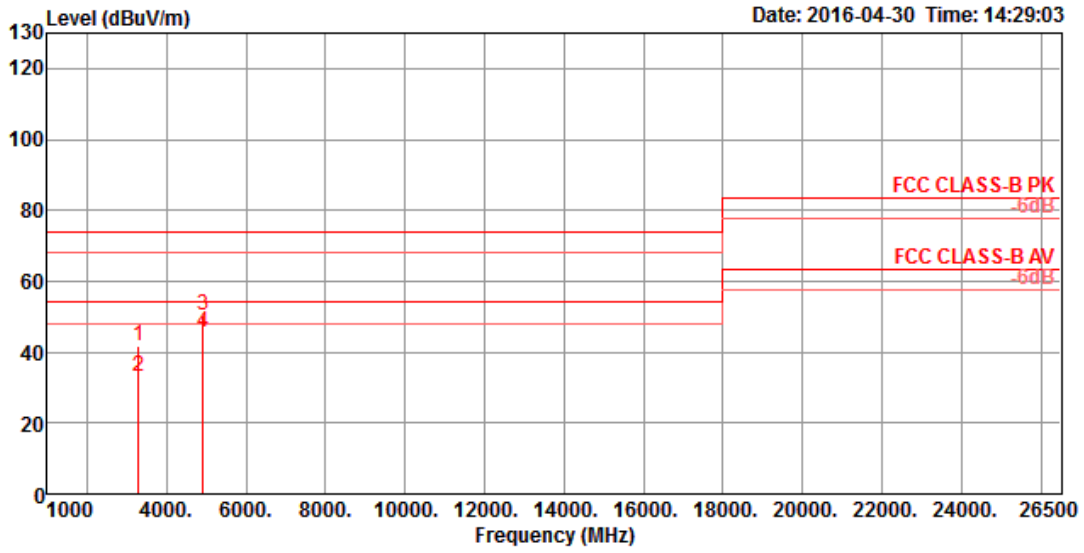
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.28 | 44.68 | 74.00 | -29.32 | 45.47 | 6.00 | 29.88 | 36.67 | 135 | 349 | Peak | VERTICAL |
| 2 | 3249.32 | 39.76 | 54.00 | -14.24 | 40.55 | 6.00 | 29.88 | 36.67 | 135 | 349 | Average | VERTICAL |
| 3 | 4873.99 | 41.30 | 54.00 | -12.70 | 37.59 | 7.56 | 32.68 | 36.53 | 297 | 103 | Average | VERTICAL |
| 4 | 4874.06 | 47.93 | 74.00 | -26.07 | 44.22 | 7.56 | 32.68 | 36.53 | 297 | 103 | Peak | VERTICAL |

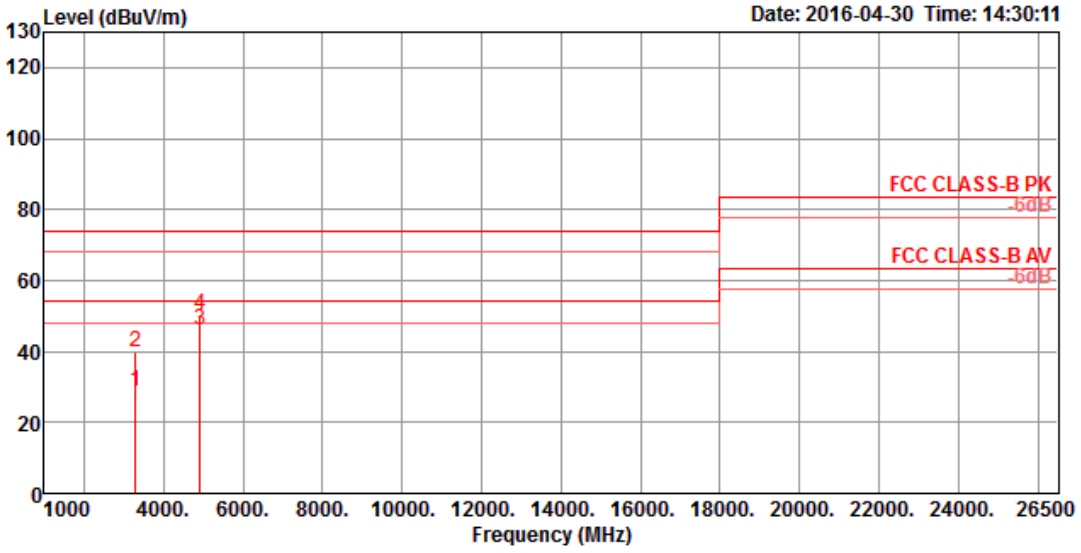
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.34 | 41.61 | 74.00 | -32.39 | 42.30 | 6.04 | 29.94 | 36.67 | 128 | 360 | Peak | HORIZONTAL |
| 2 | 3282.60 | 33.01 | 54.00 | -20.99 | 33.70 | 6.04 | 29.94 | 36.67 | 128 | 360 | Average | HORIZONTAL |
| 3 | 4923.94 | 50.24 | 74.00 | -23.76 | 46.34 | 7.65 | 32.78 | 36.53 | 270 | 232 | Peak | HORIZONTAL |
| 4 | 4923.99 | 45.43 | 54.00 | -8.57 | 41.53 | 7.65 | 32.78 | 36.53 | 270 | 232 | Average | HORIZONTAL |

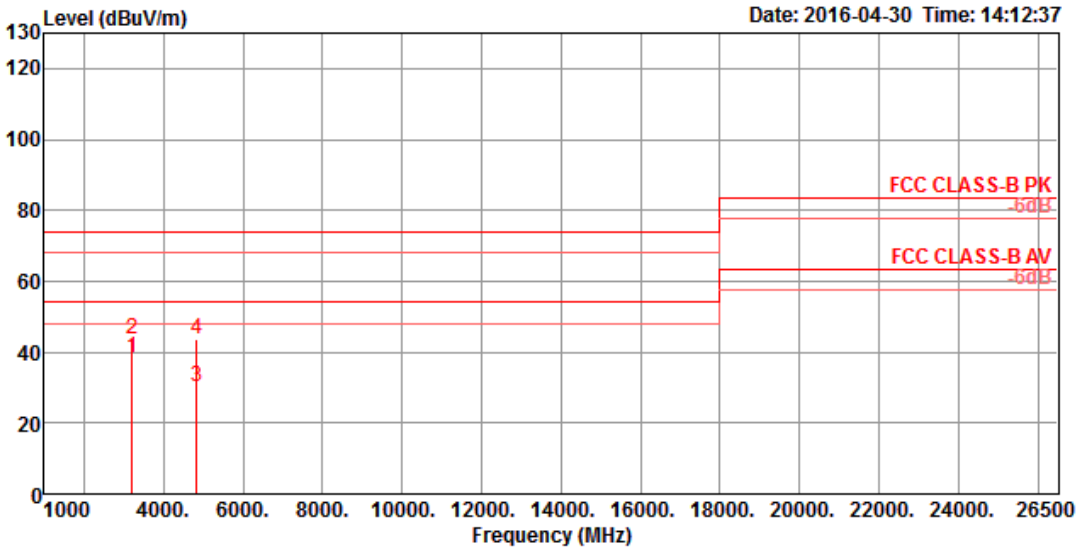
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.68 | 29.01 | 54.00 | -24.99 | 29.70 | 6.04 | 29.94 | 36.67 | 100 | 60 | Average | VERTICAL |
| 2 | 3283.21 | 39.94 | 74.00 | -34.06 | 40.63 | 6.04 | 29.94 | 36.67 | 100 | 60 | Peak | VERTICAL |
| 3 | 4923.96 | 45.92 | 54.00 | -8.08 | 42.02 | 7.65 | 32.78 | 36.53 | 292 | 98 | Average | VERTICAL |
| 4 | 4924.01 | 50.44 | 74.00 | -23.56 | 46.54 | 7.65 | 32.78 | 36.53 | 292 | 98 | Peak | VERTICAL |

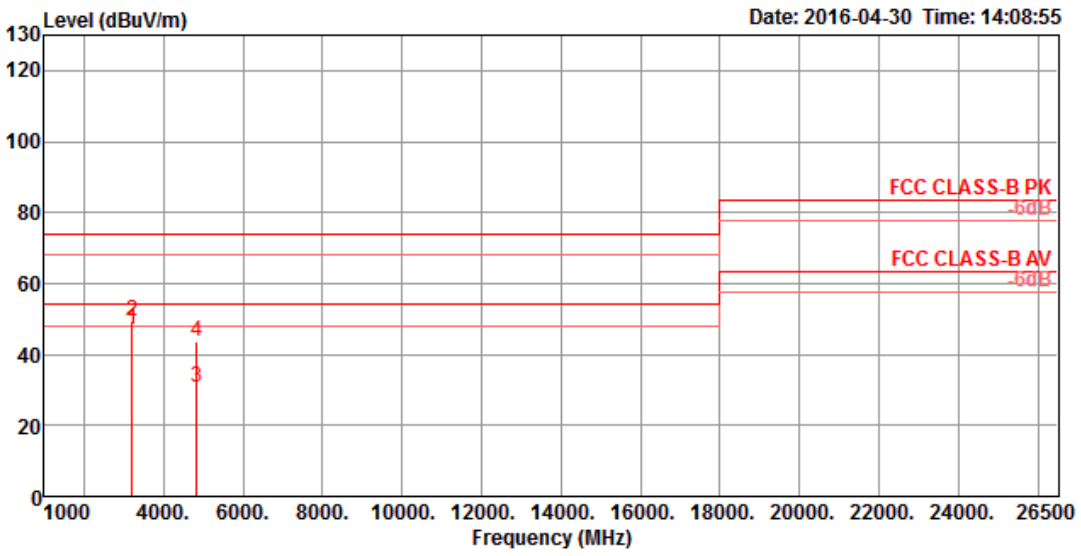
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3215.97 | 38.31 | 54.00 | -15.69 | 39.25 | 5.94 | 29.80 | 36.68 | 103 | 334 | Average | HORIZONTAL |
| 2 | 3216.08 | 43.75 | 74.00 | -30.25 | 44.69 | 5.94 | 29.80 | 36.68 | 103 | 334 | Peak | HORIZONTAL |
| 3 | 4823.79 | 30.01 | 54.00 | -23.99 | 26.49 | 7.48 | 32.58 | 36.54 | 122 | 209 | Average | HORIZONTAL |
| 4 | 4824.68 | 43.82 | 74.00 | -30.18 | 40.30 | 7.48 | 32.58 | 36.54 | 122 | 209 | Peak | HORIZONTAL |

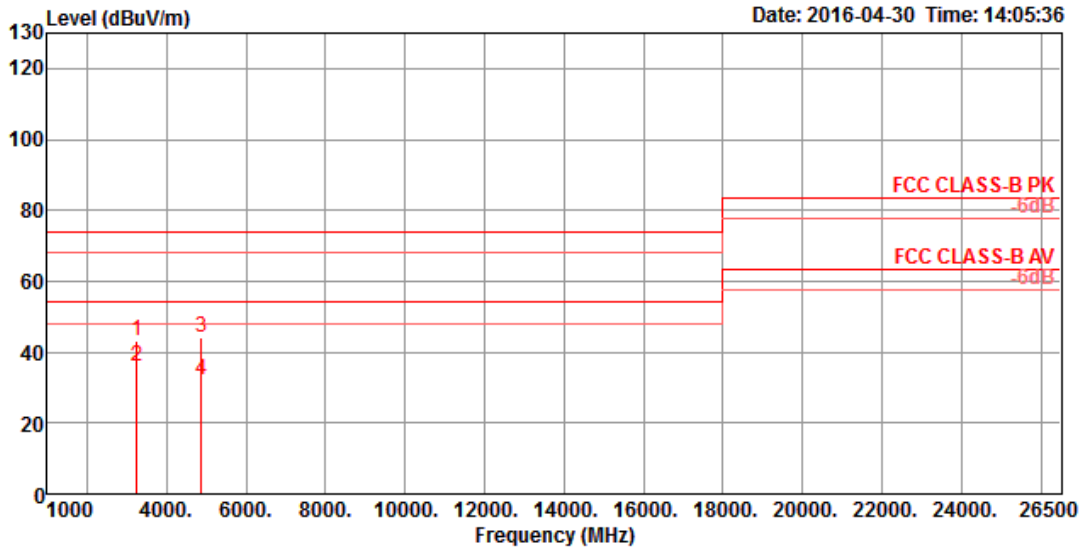
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3215.96 | 46.78 | 54.00 | -7.22 | 47.72 | 5.94 | 29.80 | 36.68 | 148 | 339 | Average | VERTICAL |
| 2 | 3216.00 | 49.56 | 74.00 | -24.44 | 50.50 | 5.94 | 29.80 | 36.68 | 148 | 339 | Peak | VERTICAL |
| 3 | 4823.56 | 30.93 | 54.00 | -23.07 | 27.41 | 7.48 | 32.58 | 36.54 | 113 | 161 | Average | VERTICAL |
| 4 | 4823.92 | 43.63 | 74.00 | -30.37 | 40.11 | 7.48 | 32.58 | 36.54 | 113 | 161 | Peak | VERTICAL |

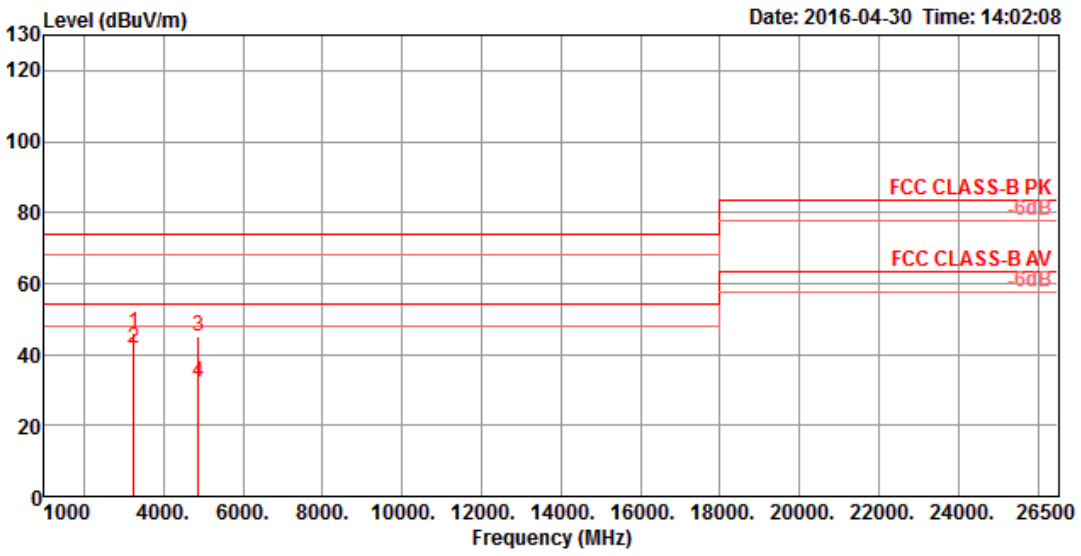
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.35 | 43.03 | 74.00 | -30.97 | 43.82 | 6.00 | 29.88 | 36.67 | 100 | 116 | Peak | HORIZONTAL |
| 2 | 3249.36 | 35.90 | 54.00 | -18.10 | 36.69 | 6.00 | 29.88 | 36.67 | 100 | 116 | Average | HORIZONTAL |
| 3 | 4873.16 | 44.20 | 74.00 | -29.80 | 40.49 | 7.56 | 32.68 | 36.53 | 135 | 260 | Peak | HORIZONTAL |
| 4 | 4873.61 | 32.21 | 54.00 | -21.79 | 28.50 | 7.56 | 32.68 | 36.53 | 135 | 260 | Average | HORIZONTAL |

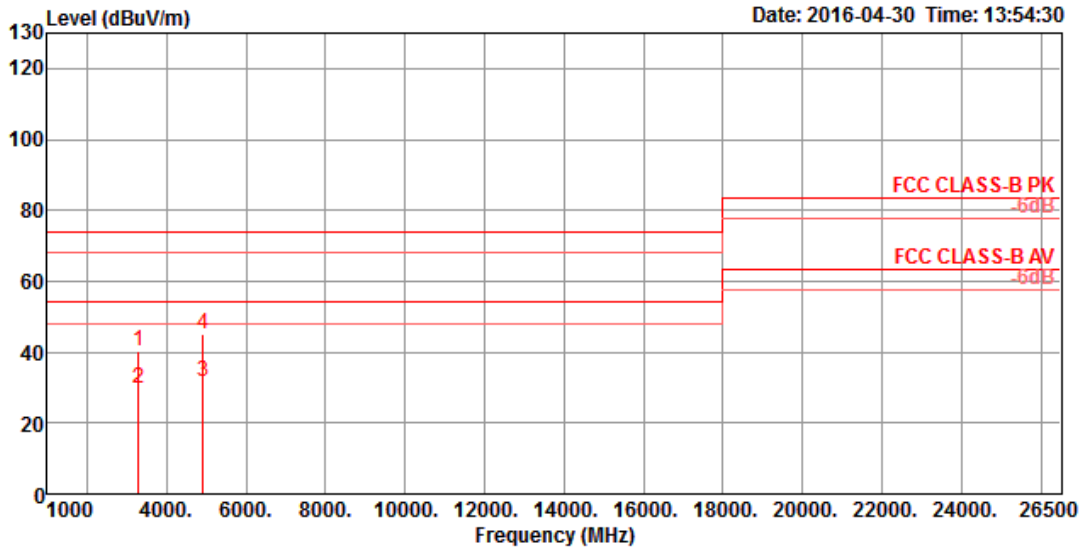
***Vertical***




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.25 | 46.11 | 74.00 | -27.89 | 46.90 | 6.00 | 29.88 | 36.67 | 141 | 350 | Peak | VERTICAL |
| 2 | 3249.34 | 41.67 | 54.00 | -12.33 | 42.46 | 6.00 | 29.88 | 36.67 | 141 | 350 | Average | VERTICAL |
| 3 | 4873.19 | 45.13 | 74.00 | -28.87 | 41.42 | 7.56 | 32.68 | 36.53 | 115 | 58 | Peak | VERTICAL |
| 4 | 4873.63 | 32.37 | 54.00 | -21.63 | 28.66 | 7.56 | 32.68 | 36.53 | 115 | 58 | Average | VERTICAL |

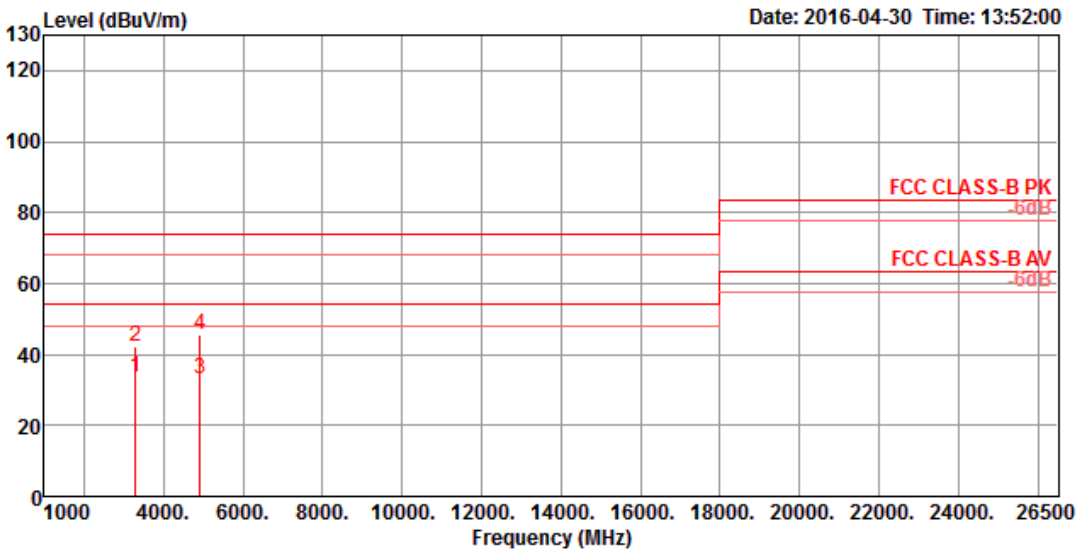
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.44 | 40.44 | 74.00 | -33.56 | 41.13 | 6.04 | 29.94 | 36.67 | 100 | 111 | Peak | HORIZONTAL |
| 2 | 3282.63 | 29.79 | 54.00 | -24.21 | 30.48 | 6.04 | 29.94 | 36.67 | 100 | 111 | Average | HORIZONTAL |
| 3 | 4923.02 | 31.89 | 54.00 | -22.11 | 28.04 | 7.63 | 32.75 | 36.53 | 128 | 176 | Average | HORIZONTAL |
| 4 | 4924.50 | 45.12 | 74.00 | -28.88 | 41.22 | 7.65 | 32.78 | 36.53 | 128 | 176 | Peak | HORIZONTAL |

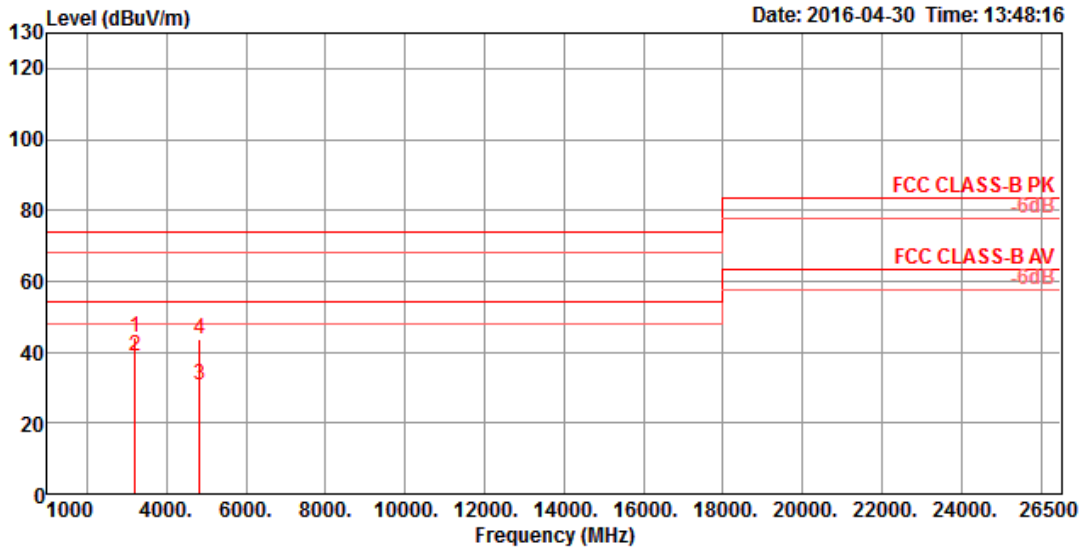
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.62 | 33.66 | 54.00 | -20.34 | 34.35 | 6.04 | 29.94 | 36.67 | 129 | 360 | Average | VERTICAL |
| 2 | 3282.78 | 42.42 | 74.00 | -31.58 | 43.11 | 6.04 | 29.94 | 36.67 | 129 | 360 | Peak | VERTICAL |
| 3 | 4923.79 | 33.01 | 54.00 | -20.99 | 29.11 | 7.65 | 32.78 | 36.53 | 154 | 117 | Average | VERTICAL |
| 4 | 4923.79 | 45.54 | 74.00 | -28.46 | 41.64 | 7.65 | 32.78 | 36.53 | 154 | 117 | Peak | VERTICAL |

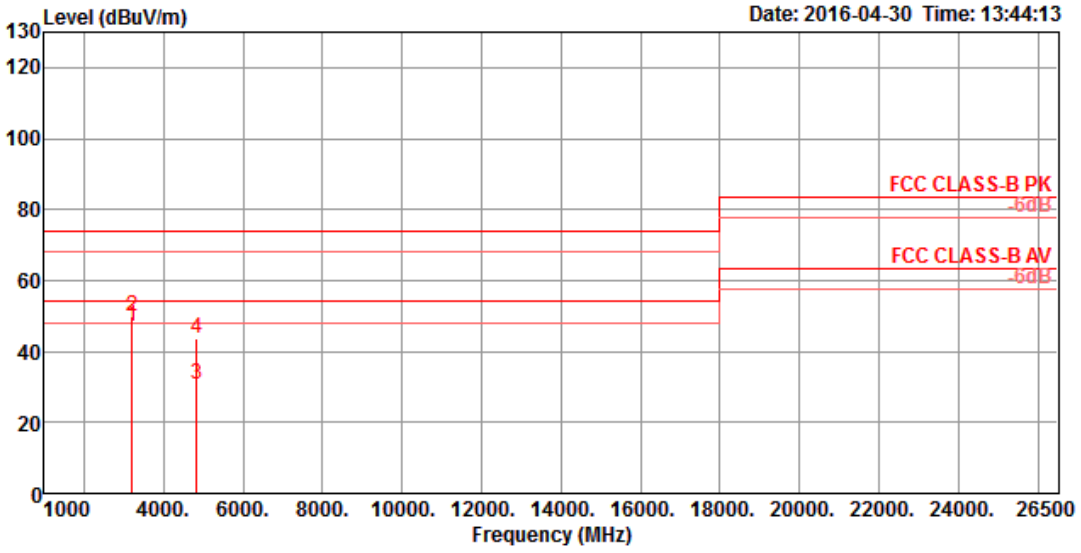
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3215.88 | 44.30 | 74.00 | -29.70 | 45.24 | 5.94 | 29.80 | 36.68 | 100 | 333 | Peak | HORIZONTAL |
| 2 | 3216.00 | 38.86 | 54.00 | -15.14 | 39.80 | 5.94 | 29.80 | 36.68 | 100 | 333 | Average | HORIZONTAL |
| 3 | 4823.14 | 30.55 | 54.00 | -23.45 | 27.03 | 7.48 | 32.58 | 36.54 | 173 | 97 | Average | HORIZONTAL |
| 4 | 4823.37 | 43.59 | 74.00 | -30.41 | 40.07 | 7.48 | 32.58 | 36.54 | 173 | 97 | Peak | HORIZONTAL |

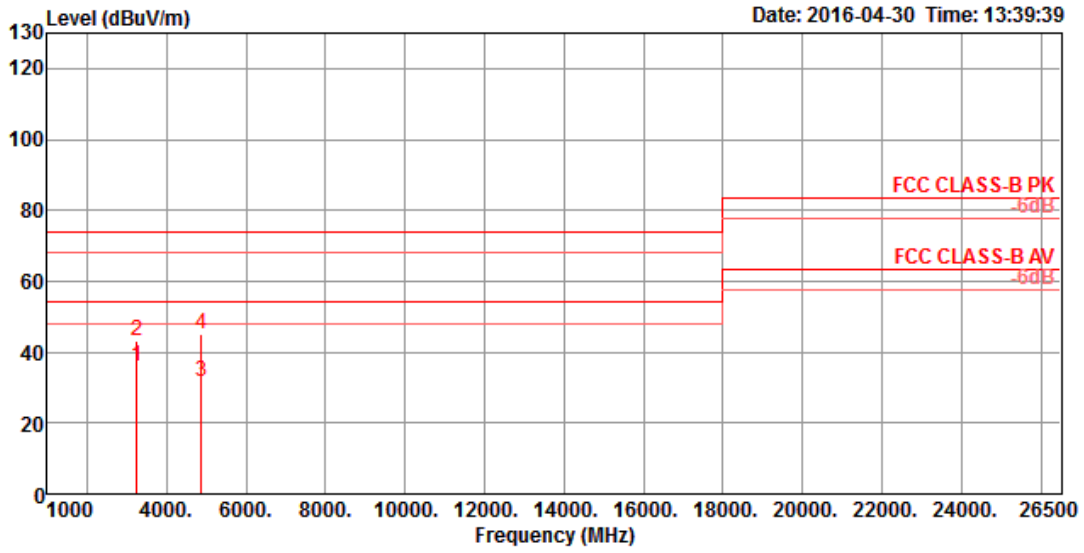
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3216.00 | 46.87 | 54.00 | -7.13 | 47.81 | 5.94 | 29.80 | 36.68 | 129 | 339 | Average | VERTICAL |
| 2 | 3216.02 | 49.81 | 74.00 | -24.19 | 50.75 | 5.94 | 29.80 | 36.68 | 129 | 339 | Peak | VERTICAL |
| 3 | 4823.44 | 30.63 | 54.00 | -23.37 | 27.11 | 7.48 | 32.58 | 36.54 | 146 | 204 | Average | VERTICAL |
| 4 | 4824.11 | 43.83 | 74.00 | -30.17 | 40.31 | 7.48 | 32.58 | 36.54 | 146 | 204 | Peak | VERTICAL |

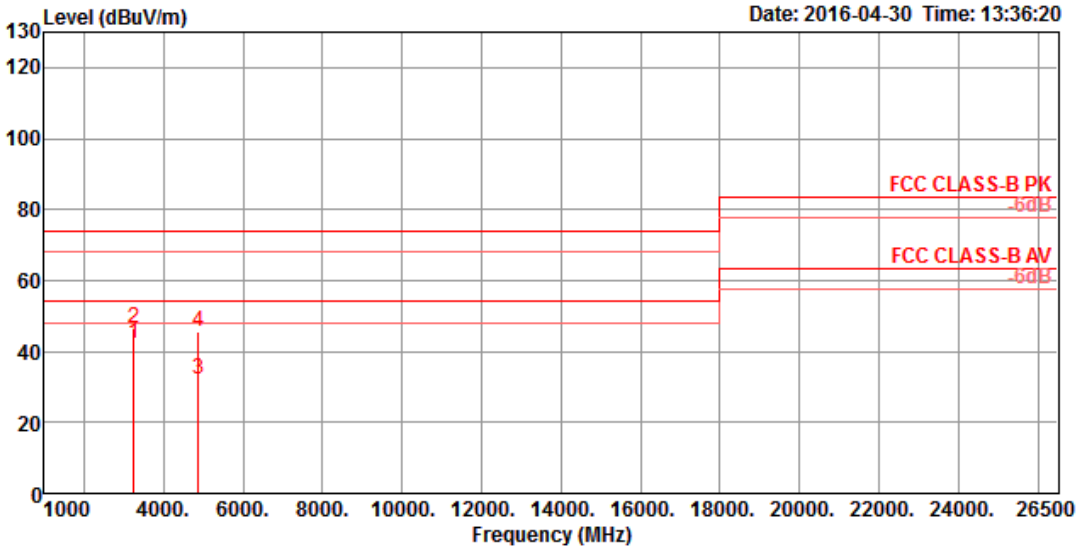
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.27 | 35.80 | 54.00 | -18.20 | 36.59 | 6.00 | 29.88 | 36.67 | 100 | 116 | Average | HORIZONTAL |
| 2 | 3249.29 | 43.24 | 74.00 | -30.76 | 44.03 | 6.00 | 29.88 | 36.67 | 100 | 116 | Peak | HORIZONTAL |
| 3 | 4873.00 | 31.74 | 54.00 | -22.26 | 28.03 | 7.56 | 32.68 | 36.53 | 125 | 168 | Average | HORIZONTAL |
| 4 | 4873.50 | 45.19 | 74.00 | -28.81 | 41.48 | 7.56 | 32.68 | 36.53 | 125 | 168 | Peak | HORIZONTAL |

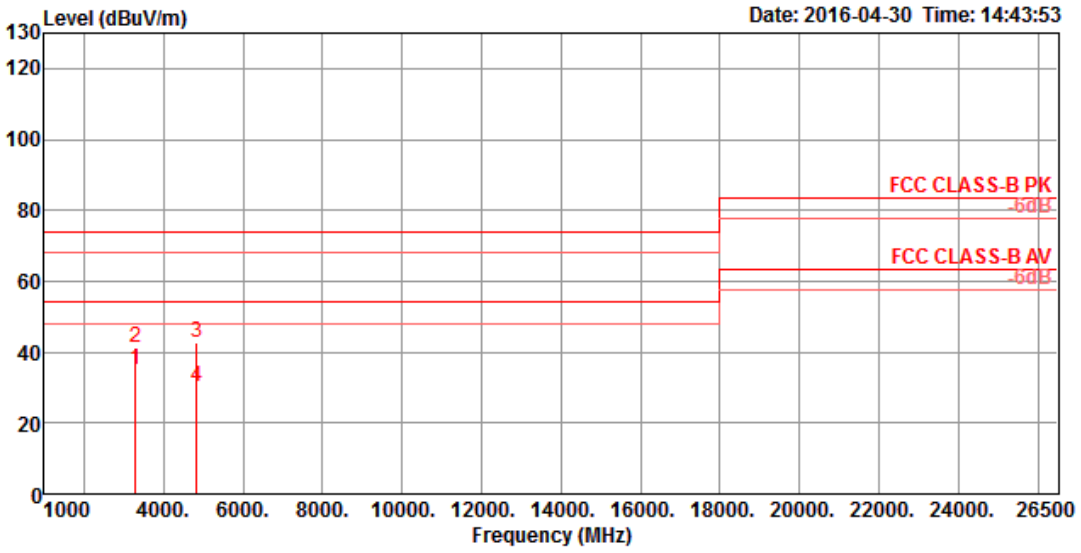
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.31 | 42.18 | 54.00 | -11.82 | 42.97 | 6.00 | 29.88 | 36.67 | 141 | 349 | Average | VERTICAL |
| 2 | 3249.38 | 46.35 | 74.00 | -27.65 | 47.14 | 6.00 | 29.88 | 36.67 | 141 | 349 | Peak | VERTICAL |
| 3 | 4873.53 | 32.37 | 54.00 | -21.63 | 28.66 | 7.56 | 32.68 | 36.53 | 113 | 148 | Average | VERTICAL |
| 4 | 4873.54 | 45.47 | 74.00 | -28.53 | 41.76 | 7.56 | 32.68 | 36.53 | 113 | 148 | Peak | VERTICAL |

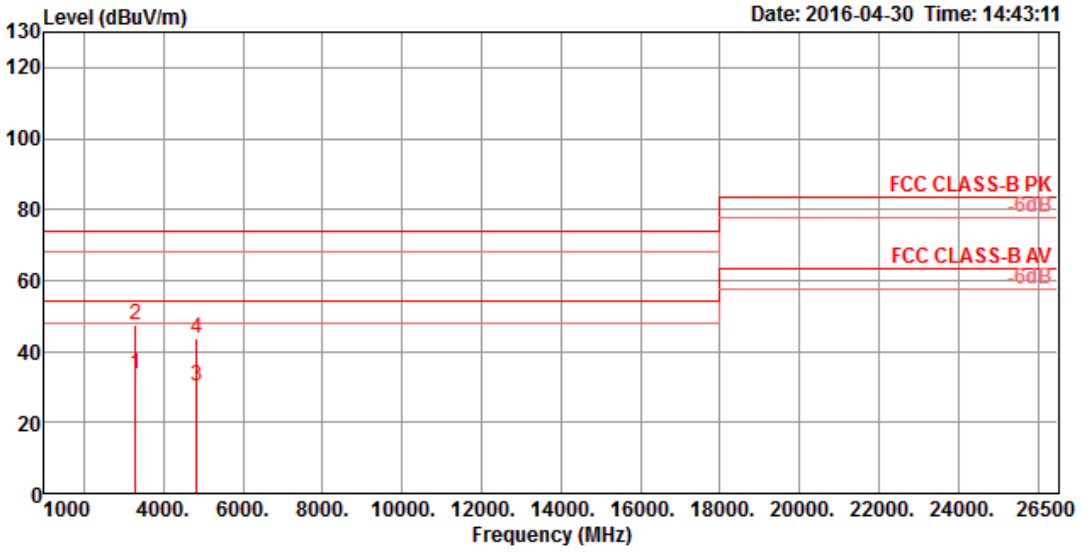
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.13 | 35.23 | 54.00 | -18.77 | 35.92 | 6.04 | 29.94 | 36.67 | 114 | 112 | Average | HORIZONTAL |
| 2 | 3282.13 | 41.23 | 74.00 | -32.77 | 41.92 | 6.04 | 29.94 | 36.67 | 114 | 112 | Peak | HORIZONTAL |
| 3 | 4823.39 | 42.79 | 74.00 | -31.21 | 39.27 | 7.48 | 32.58 | 36.54 | 114 | 112 | Peak | HORIZONTAL |
| 4 | 4824.17 | 30.12 | 54.00 | -23.88 | 26.60 | 7.48 | 32.58 | 36.54 | 114 | 112 | Average | HORIZONTAL |

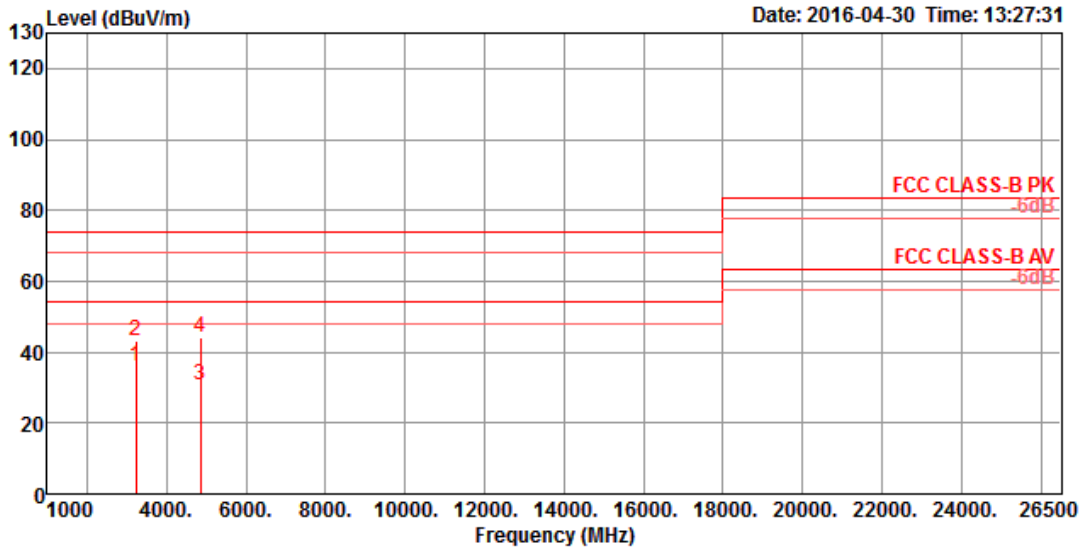
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3282.11 | 33.53 | 54.00 | -20.47 | 34.22 | 6.04 | 29.94 | 36.67 | 129 | 176 | Average | VERTICAL |
| 2 | 3282.22 | 47.53 | 74.00 | -26.47 | 48.22 | 6.04 | 29.94 | 36.67 | 129 | 176 | Peak | VERTICAL |
| 3 | 4823.15 | 30.01 | 54.00 | -23.99 | 26.49 | 7.48 | 32.58 | 36.54 | 129 | 176 | Average | VERTICAL |
| 4 | 4824.60 | 43.53 | 74.00 | -30.47 | 40.01 | 7.48 | 32.58 | 36.54 | 129 | 176 | Peak | VERTICAL |

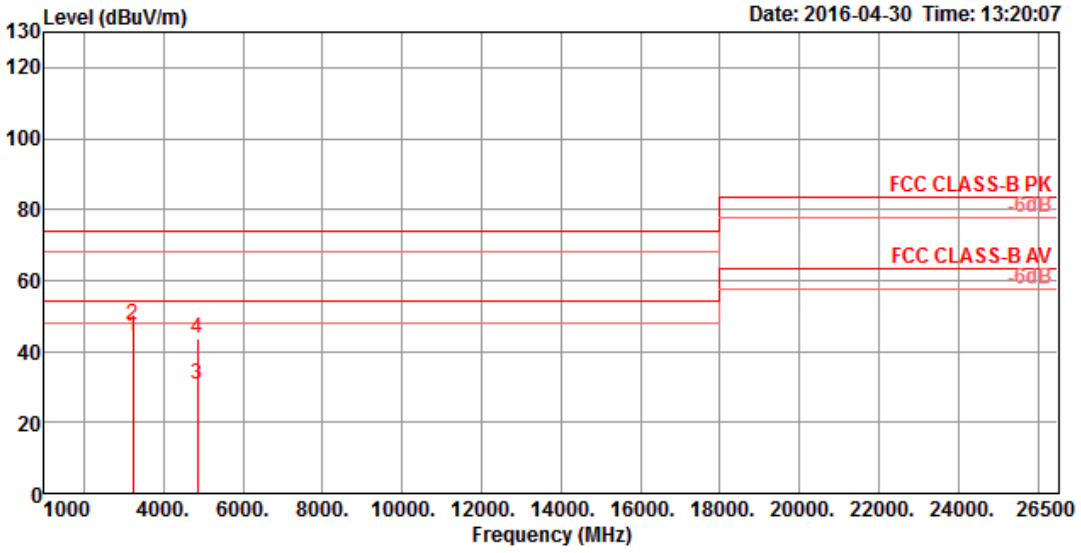
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3229.35 | 36.19 | 54.00 | -17.81 | 37.06 | 5.97 | 29.84 | 36.68 | 102 | 333 | Average | HORIZONTAL |
| 2 | 3229.42 | 43.17 | 74.00 | -30.83 | 44.04 | 5.97 | 29.84 | 36.68 | 102 | 333 | Peak | HORIZONTAL |
| 3 | 4843.35 | 30.51 | 54.00 | -23.49 | 26.90 | 7.52 | 32.63 | 36.54 | 115 | 29 | Average | HORIZONTAL |
| 4 | 4844.12 | 43.90 | 74.00 | -30.10 | 40.29 | 7.52 | 32.63 | 36.54 | 115 | 29 | Peak | HORIZONTAL |

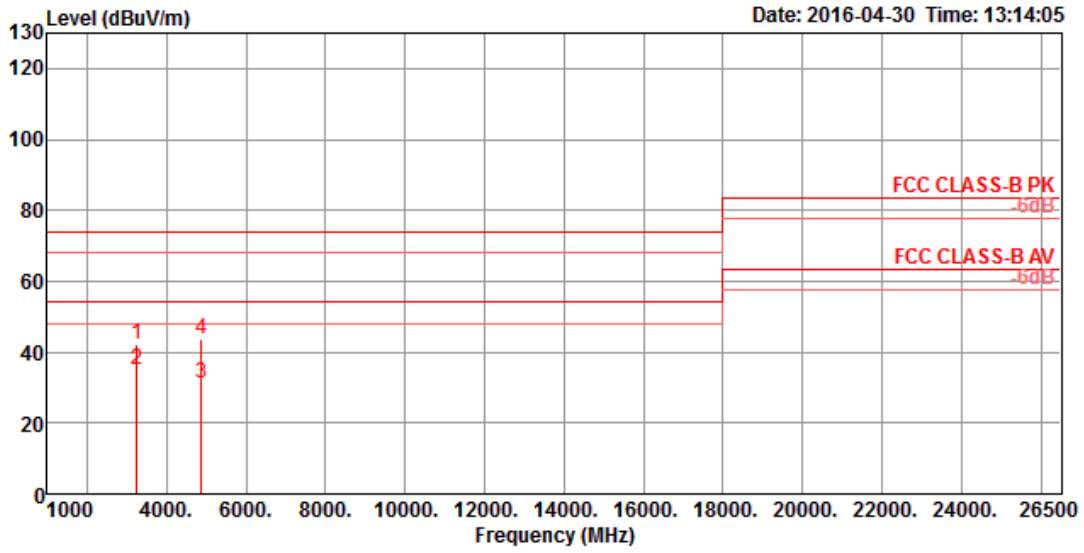
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3229.30 | 44.14 | 54.00 | -9.86 | 45.01 | 5.97 | 29.84 | 36.68 | 143 | 339 | Average | VERTICAL |
| 2 | 3229.32 | 47.65 | 74.00 | -26.35 | 48.52 | 5.97 | 29.84 | 36.68 | 143 | 339 | Peak | VERTICAL |
| 3 | 4843.28 | 30.56 | 54.00 | -23.44 | 26.95 | 7.52 | 32.63 | 36.54 | 104 | 332 | Average | VERTICAL |
| 4 | 4844.18 | 43.50 | 74.00 | -30.50 | 39.89 | 7.52 | 32.63 | 36.54 | 104 | 332 | Peak | VERTICAL |

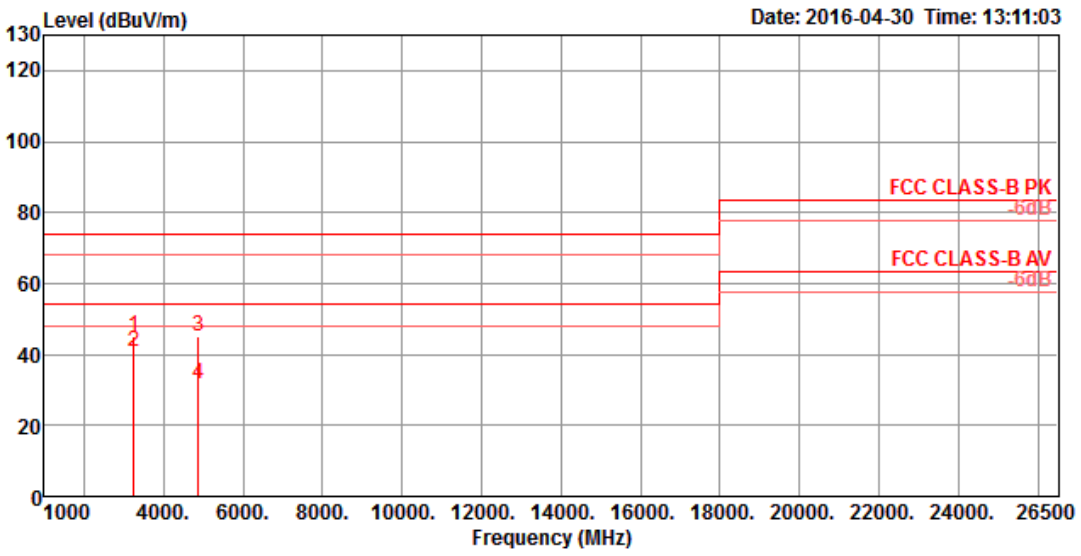
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.18 | 42.07 | 74.00 | -31.93 | 42.86 | 6.00 | 29.88 | 36.67 | 100 | 116 | Peak | HORIZONTAL |
| 2 | 3249.31 | 35.19 | 54.00 | -18.81 | 35.98 | 6.00 | 29.88 | 36.67 | 100 | 116 | Average | HORIZONTAL |
| 3 | 4873.75 | 31.18 | 54.00 | -22.82 | 27.47 | 7.56 | 32.68 | 36.53 | 136 | 278 | Average | HORIZONTAL |
| 4 | 4874.67 | 43.71 | 74.00 | -30.29 | 40.00 | 7.56 | 32.68 | 36.53 | 136 | 278 | Peak | HORIZONTAL |

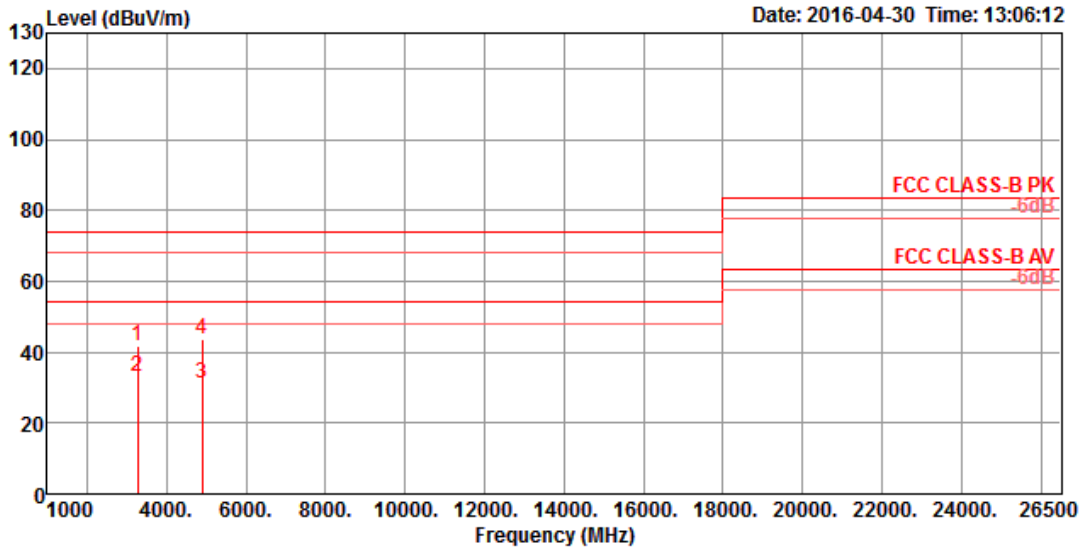
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3249.23 | 45.17 | 74.00 | -28.83 | 45.96 | 6.00 | 29.88 | 36.67 | 138 | 349 | Peak | VERTICAL |
| 2 | 3249.35 | 40.92 | 54.00 | -13.08 | 41.71 | 6.00 | 29.88 | 36.67 | 138 | 349 | Average | VERTICAL |
| 3 | 4868.92 | 45.15 | 74.00 | -28.85 | 41.44 | 7.56 | 32.68 | 36.53 | 139 | 68 | Peak | VERTICAL |
| 4 | 4873.76 | 31.47 | 54.00 | -22.53 | 27.76 | 7.56 | 32.68 | 36.53 | 139 | 68 | Average | VERTICAL |

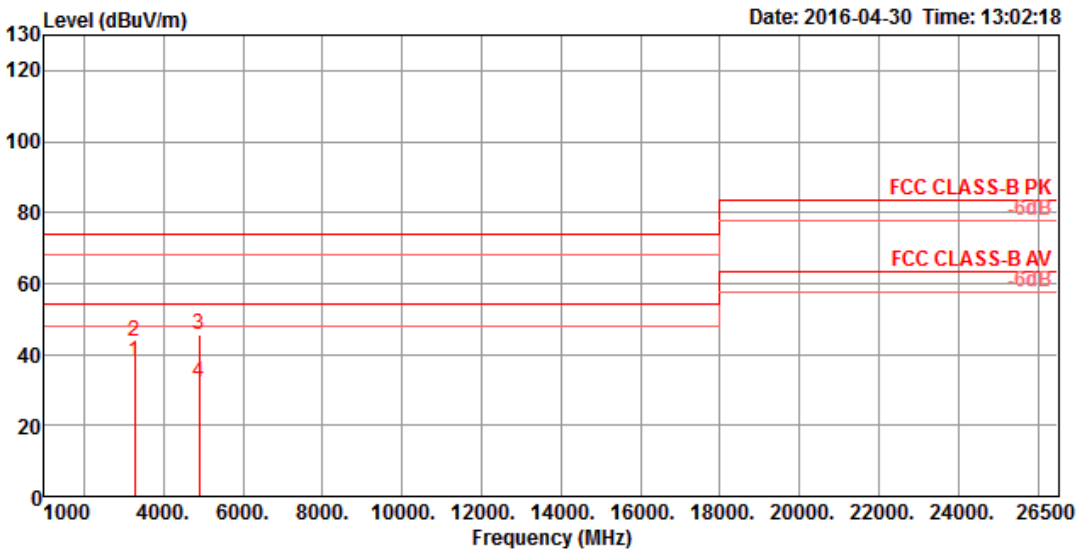
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3269.22 | 41.74 | 74.00 | -32.26 | 42.47 | 6.02 | 29.92 | 36.67 | 115 | 117 | Peak | HORIZONTAL |
| 2 | 3269.30 | 33.15 | 54.00 | -20.85 | 33.88 | 6.02 | 29.92 | 36.67 | 115 | 117 | Average | HORIZONTAL |
| 3 | 4903.58 | 31.27 | 54.00 | -22.73 | 27.46 | 7.61 | 32.73 | 36.53 | 136 | 354 | Average | HORIZONTAL |
| 4 | 4904.31 | 43.71 | 74.00 | -30.29 | 39.90 | 7.61 | 32.73 | 36.53 | 136 | 354 | Peak | HORIZONTAL |

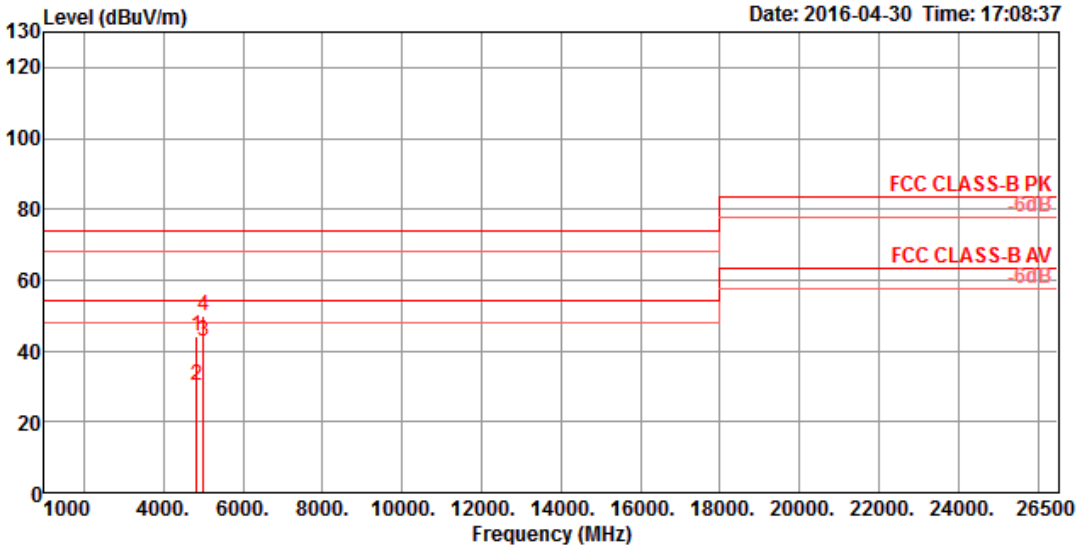
***Vertical***




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 3269.28 | 37.77 | 54.00 | -16.23 | 38.50 | 6.02 | 29.92 | 36.67 | 100 | 350 | Average | VERTICAL |
| 2 | 3269.36 | 43.77 | 74.00 | -30.23 | 44.50 | 6.02 | 29.92 | 36.67 | 100 | 350 | Peak | VERTICAL |
| 3 | 4903.31 | 45.67 | 74.00 | -28.33 | 41.86 | 7.61 | 32.73 | 36.53 | 127 | 105 | Peak | VERTICAL |
| 4 | 4903.83 | 32.05 | 54.00 | -21.95 | 28.24 | 7.61 | 32.73 | 36.53 | 127 | 105 | Average | VERTICAL |

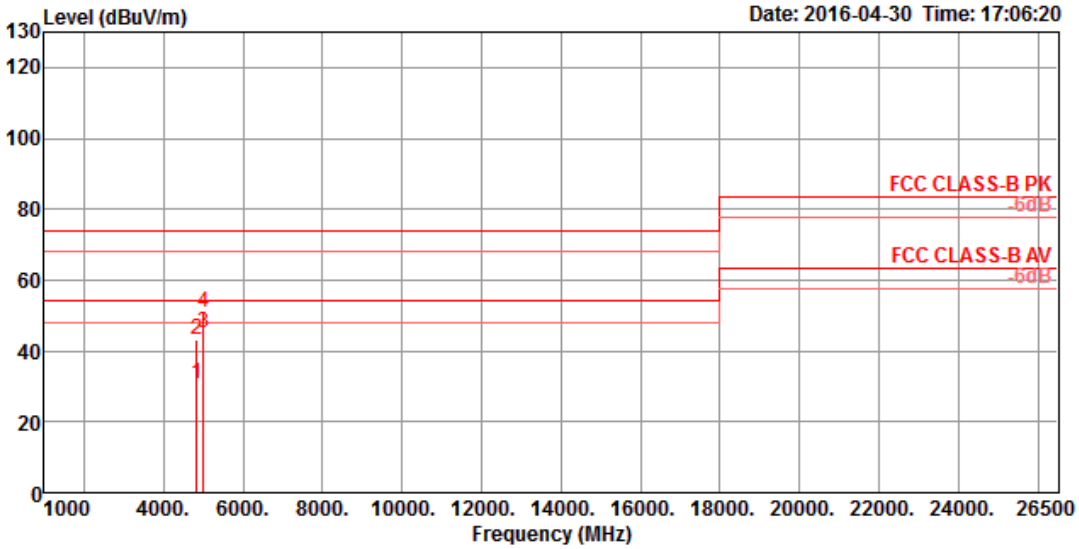
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.04 | 43.93 | 74.00 | -30.07 | 40.41 | 7.48 | 32.58 | 36.54 | 158 | 223 | Peak | HORIZONTAL |
| 2 | 4824.64 | 30.39 | 54.00 | -23.61 | 26.87 | 7.48 | 32.58 | 36.54 | 158 | 223 | Average | HORIZONTAL |
| 3 | 5000.00 | 42.49 | 54.00 | -11.51 | 38.36 | 7.75 | 32.90 | 36.52 | 211 | 140 | Average | HORIZONTAL |
| 4 | 5000.02 | 49.97 | 74.00 | -24.03 | 45.84 | 7.75 | 32.90 | 36.52 | 211 | 140 | Peak | HORIZONTAL |

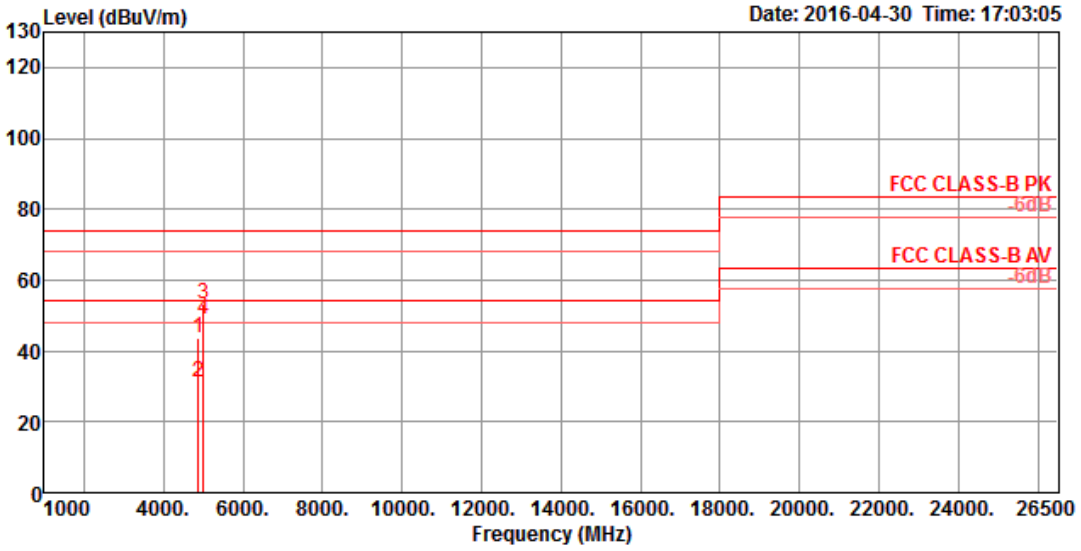
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.18 | 30.48 | 54.00 | -23.52 | 26.96 | 7.48 | 32.58 | 36.54 | 154 | 294 | Average | VERTICAL |
| 2 | 4823.98 | 43.03 | 74.00 | -30.97 | 39.51 | 7.48 | 32.58 | 36.54 | 154 | 294 | Peak | VERTICAL |
| 3 | 5000.00 | 45.27 | 54.00 | -8.73 | 41.14 | 7.75 | 32.90 | 36.52 | 257 | 98 | Average | VERTICAL |
| 4 | 5000.00 | 50.84 | 74.00 | -23.16 | 46.71 | 7.75 | 32.90 | 36.52 | 257 | 98 | Peak | VERTICAL |

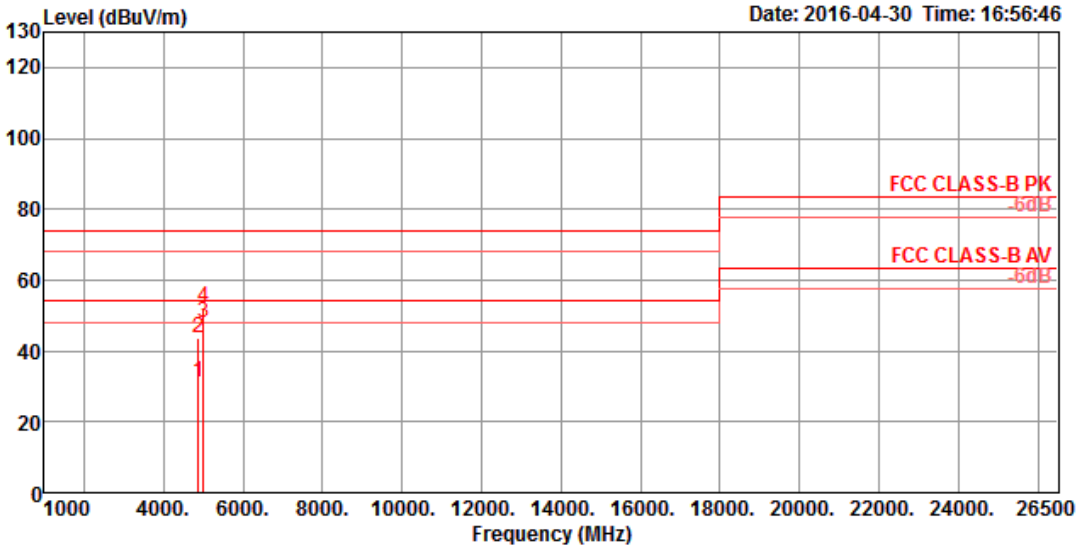
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.03 | 43.88 | 74.00 | -30.12 | 40.17 | 7.56 | 32.68 | 36.53 | 185 | 310 | Peak | HORIZONTAL |
| 2 | 4874.50 | 31.16 | 54.00 | -22.84 | 27.45 | 7.56 | 32.68 | 36.53 | 185 | 310 | Average | HORIZONTAL |
| 3 | 4999.96 | 53.45 | 74.00 | -20.55 | 49.32 | 7.75 | 32.90 | 36.52 | 300 | 182 | Peak | HORIZONTAL |
| 4 | 4999.97 | 48.76 | 54.00 | -5.24 | 44.63 | 7.75 | 32.90 | 36.52 | 300 | 182 | Average | HORIZONTAL |

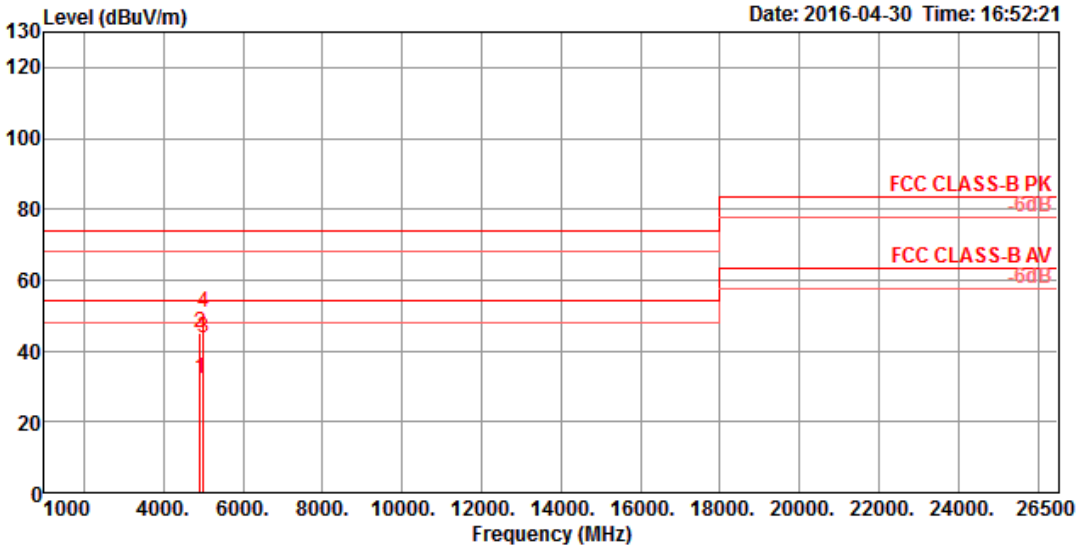
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.48 | 31.01 | 54.00 | -22.99 | 27.30 | 7.56 | 32.68 | 36.53 | 171 | 66 | Average | VERTICAL |
| 2 | 4874.17 | 43.76 | 74.00 | -30.24 | 40.05 | 7.56 | 32.68 | 36.53 | 171 | 66 | Peak | VERTICAL |
| 3 | 4999.98 | 47.81 | 54.00 | -6.19 | 43.68 | 7.75 | 32.90 | 36.52 | 241 | 97 | Average | VERTICAL |
| 4 | 5000.06 | 52.19 | 74.00 | -21.81 | 48.06 | 7.75 | 32.90 | 36.52 | 241 | 97 | Peak | VERTICAL |

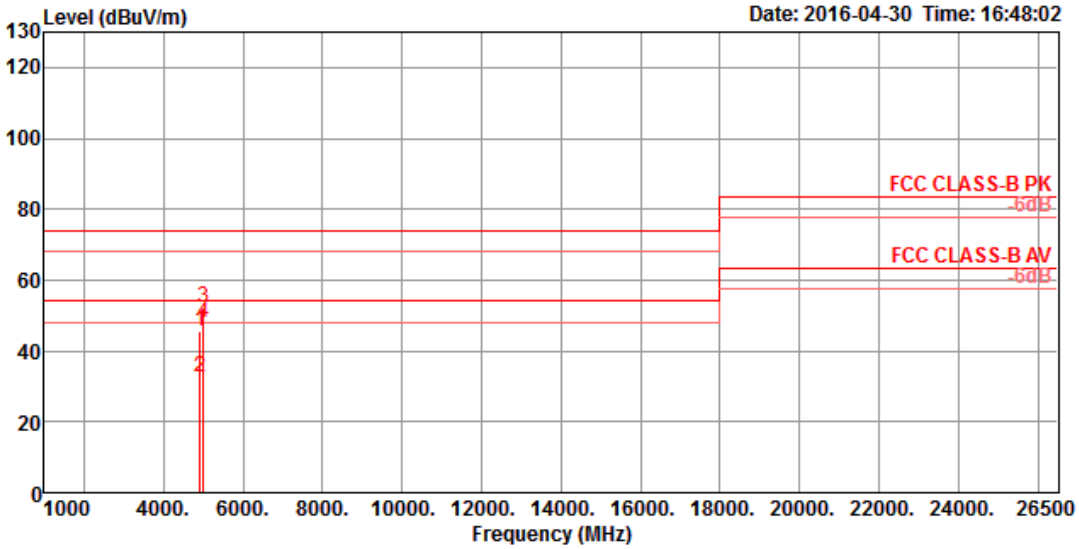
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4923.16 | 31.95 | 54.00 | -22.05 | 28.10 | 7.63 | 32.75 | 36.53 | 197 | 196 | Average | HORIZONTAL |
| 2 | 4924.64 | 45.26 | 74.00 | -28.74 | 41.36 | 7.65 | 32.78 | 36.53 | 197 | 196 | Peak | HORIZONTAL |
| 3 | 5000.01 | 43.58 | 54.00 | -10.42 | 39.45 | 7.75 | 32.90 | 36.52 | 238 | 140 | Average | HORIZONTAL |
| 4 | 5000.17 | 50.82 | 74.00 | -23.18 | 46.69 | 7.75 | 32.90 | 36.52 | 238 | 140 | Peak | HORIZONTAL |

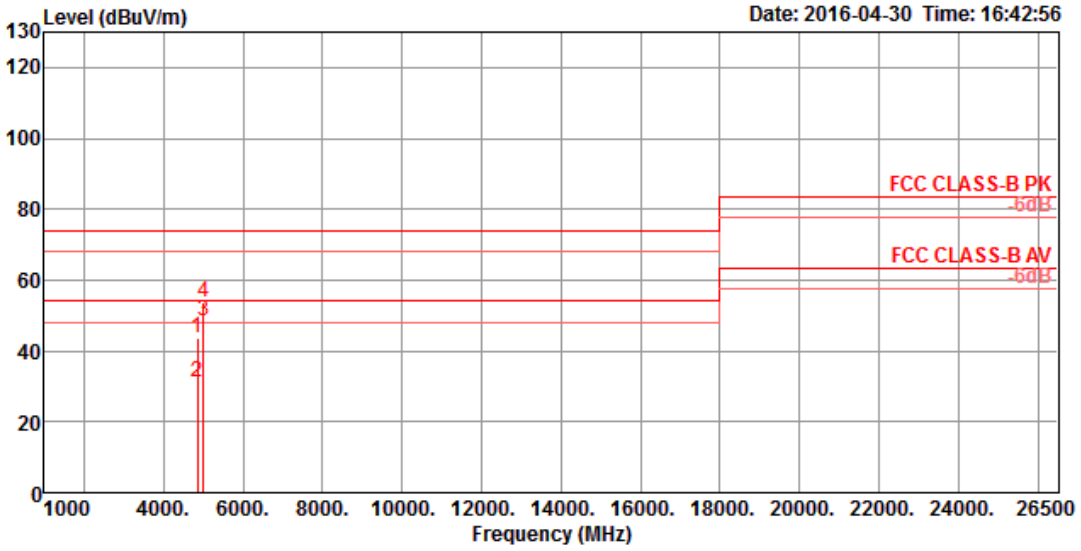
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4923.30 | 45.42 | 74.00 | -28.58 | 41.57 | 7.63 | 32.75 | 36.53 | 132 | 78 | Peak | VERTICAL |
| 2 | 4923.80 | 32.57 | 54.00 | -21.43 | 28.67 | 7.65 | 32.78 | 36.53 | 132 | 78 | Average | VERTICAL |
| 3 | 5000.00 | 52.18 | 74.00 | -21.82 | 48.05 | 7.75 | 32.90 | 36.52 | 246 | 97 | Peak | VERTICAL |
| 4 | 5000.02 | 47.83 | 54.00 | -6.17 | 43.70 | 7.75 | 32.90 | 36.52 | 246 | 97 | Average | VERTICAL |

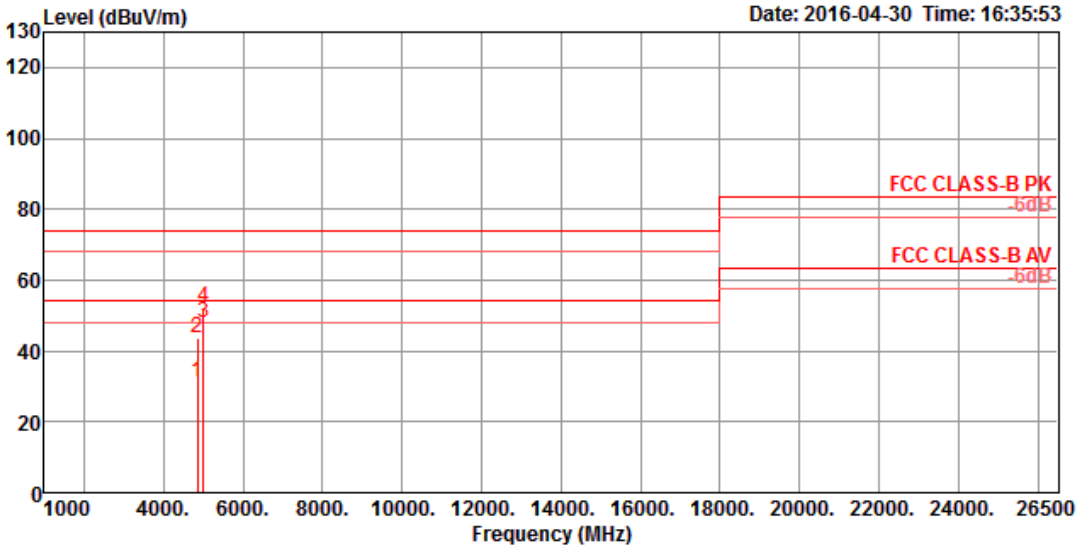
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4843.35 | 43.44 | 74.00 | -30.56 | 39.83 | 7.52 | 32.63 | 36.54 | 207 | 260 | Peak | HORIZONTAL |
| 2 | 4843.73 | 31.41 | 54.00 | -22.59 | 27.80 | 7.52 | 32.63 | 36.54 | 207 | 260 | Average | HORIZONTAL |
| 3 | 4999.98 | 48.62 | 54.00 | -5.38 | 44.49 | 7.75 | 32.90 | 36.52 | 298 | 165 | Average | HORIZONTAL |
| 4 | 5000.03 | 53.90 | 74.00 | -20.10 | 49.77 | 7.75 | 32.90 | 36.52 | 298 | 165 | Peak | HORIZONTAL |

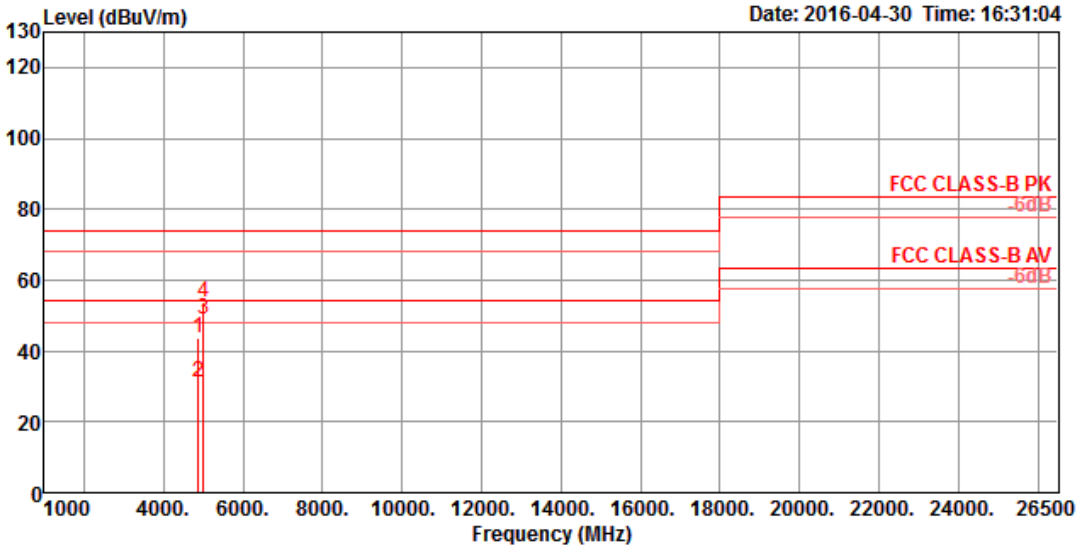
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4843.64 | 31.10 | 54.00 | -22.90 | 27.49 | 7.52 | 32.63 | 36.54 | 181 | 188 | Average | VERTICAL |
| 2 | 4843.92 | 43.70 | 74.00 | -30.30 | 40.09 | 7.52 | 32.63 | 36.54 | 181 | 188 | Peak | VERTICAL |
| 3 | 4999.99 | 48.12 | 54.00 | -5.88 | 43.99 | 7.75 | 32.90 | 36.52 | 246 | 96 | Average | VERTICAL |
| 4 | 4999.99 | 52.32 | 74.00 | -21.68 | 48.19 | 7.75 | 32.90 | 36.52 | 246 | 96 | Peak | VERTICAL |

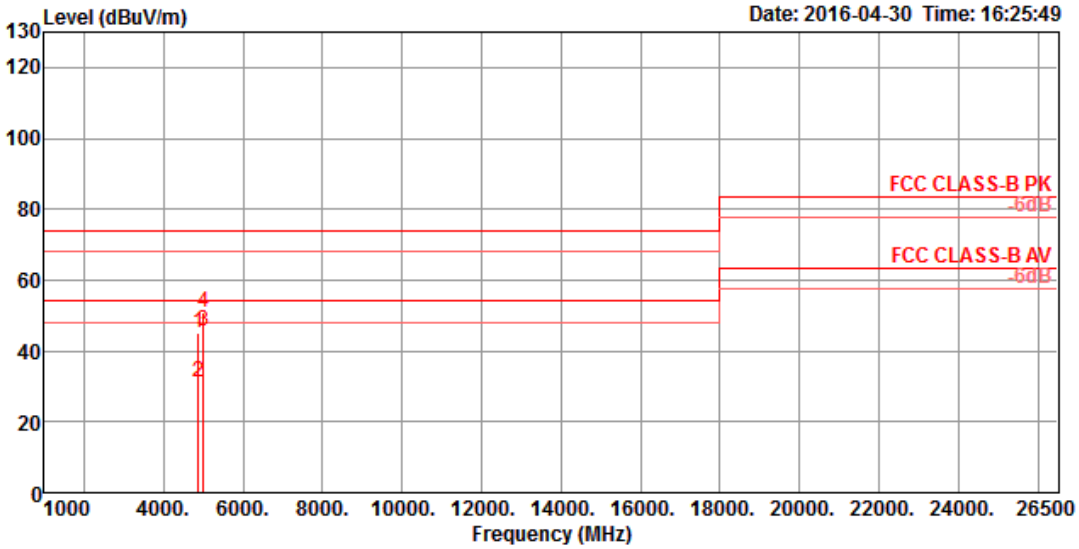
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4874.50 | 43.49 | 74.00 | -30.51 | 39.78 | 7.56 | 32.68 | 36.53 | 206 | 101 | Peak | HORIZONTAL |
| 2 | 4874.78 | 31.27 | 54.00 | -22.73 | 27.56 | 7.56 | 32.68 | 36.53 | 206 | 101 | Average | HORIZONTAL |
| 3 | 4999.99 | 49.14 | 54.00 | -4.86 | 45.01 | 7.75 | 32.90 | 36.52 | 300 | 182 | Average | HORIZONTAL |
| 4 | 5000.02 | 53.58 | 74.00 | -20.42 | 49.45 | 7.75 | 32.90 | 36.52 | 300 | 182 | Peak | HORIZONTAL |

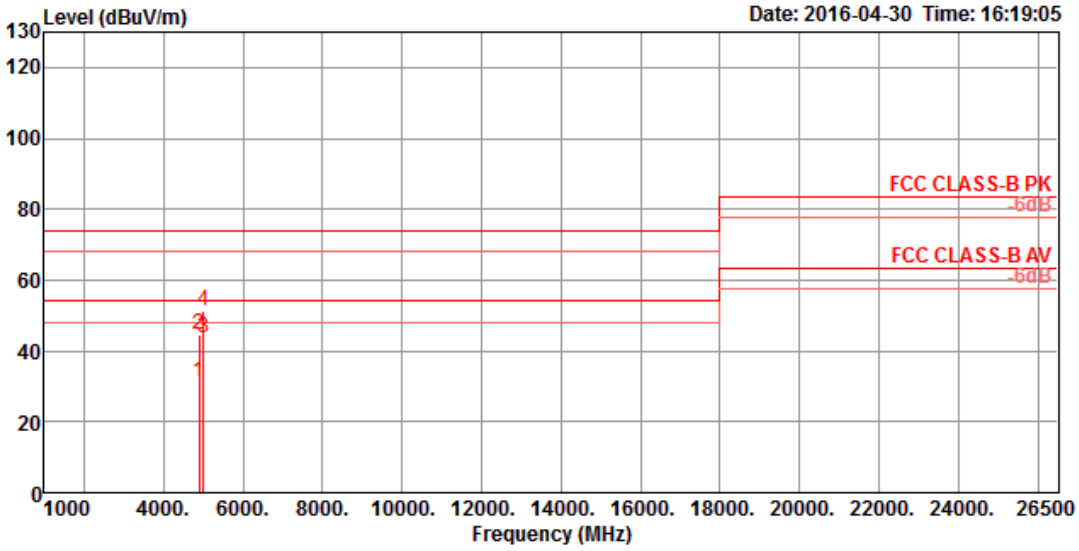
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.17 | 45.04 | 74.00 | -28.96 | 41.33 | 7.56 | 32.68 | 36.53 | 128 | 329 | Peak | VERTICAL |
| 2 | 4874.09 | 31.01 | 54.00 | -22.99 | 27.30 | 7.56 | 32.68 | 36.53 | 128 | 329 | Average | VERTICAL |
| 3 | 4999.97 | 45.79 | 54.00 | -8.21 | 41.66 | 7.75 | 32.90 | 36.52 | 102 | 100 | Average | VERTICAL |
| 4 | 5000.03 | 50.96 | 74.00 | -23.04 | 46.83 | 7.75 | 32.90 | 36.52 | 102 | 100 | Peak | VERTICAL |

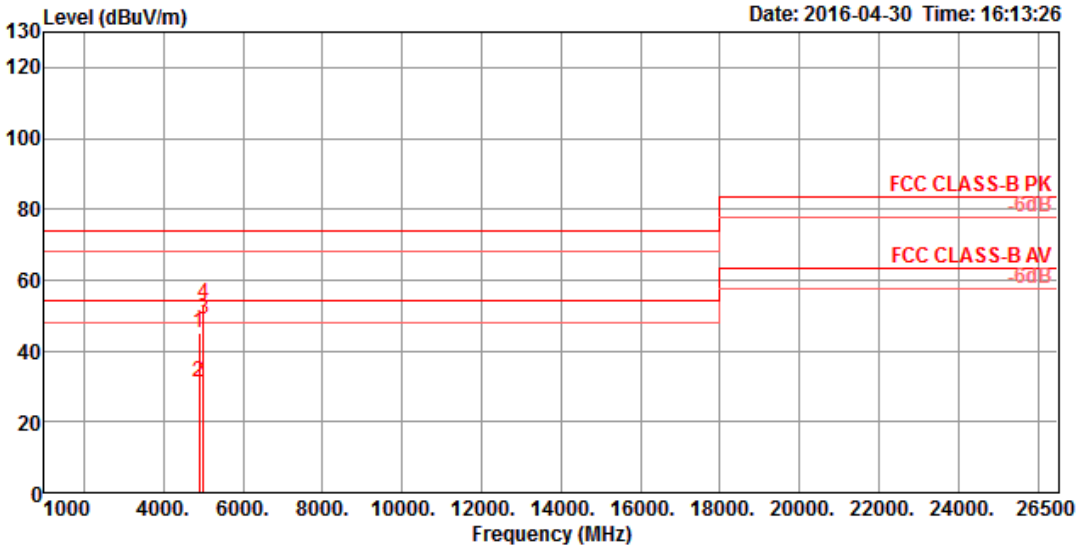
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 3 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4903.86 | 31.17 | 54.00 | -22.83 | 27.36 | 7.61 | 32.73 | 36.53 | 162 | 263 | Average | HORIZONTAL |
| 2 | 4904.88 | 44.73 | 74.00 | -29.27 | 40.92 | 7.61 | 32.73 | 36.53 | 162 | 263 | Peak | HORIZONTAL |
| 3 | 4999.99 | 43.80 | 54.00 | -10.20 | 39.67 | 7.75 | 32.90 | 36.52 | 242 | 140 | Average | HORIZONTAL |
| 4 | 5000.10 | 51.12 | 74.00 | -22.88 | 46.99 | 7.75 | 32.90 | 36.52 | 242 | 140 | Peak | HORIZONTAL |

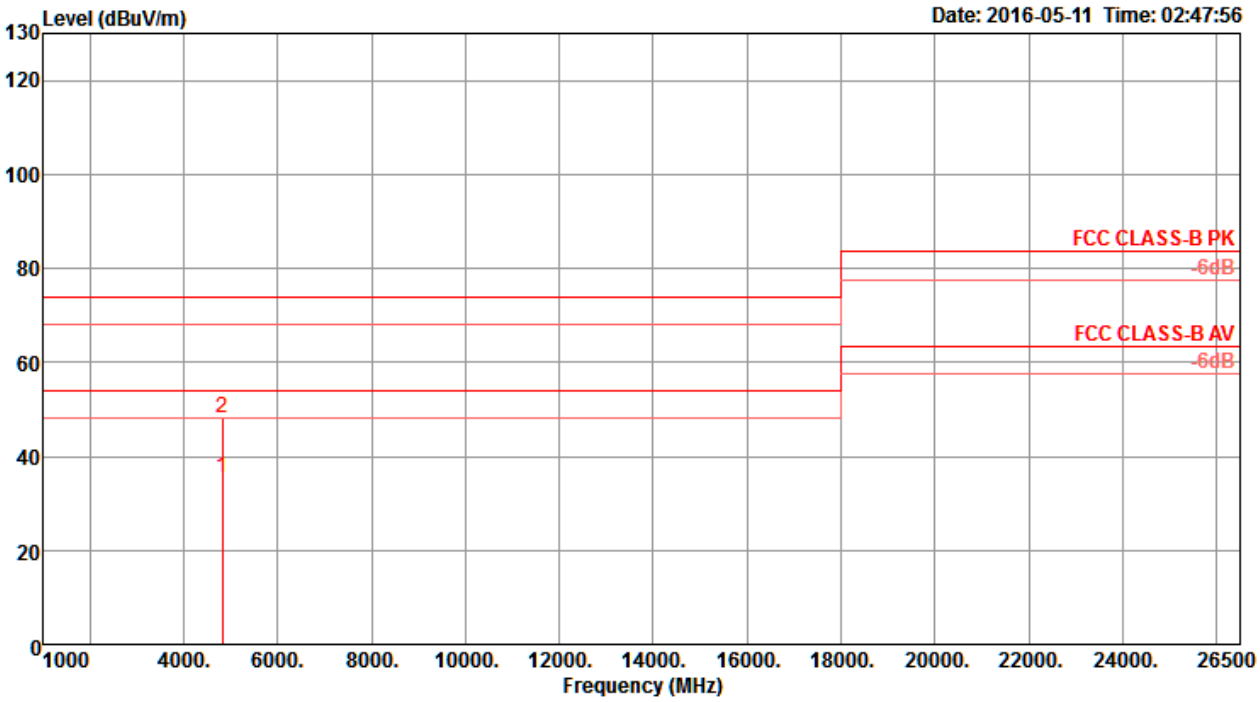
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4903.64 | 45.21 | 74.00 | -28.79 | 41.40 | 7.61 | 32.73 | 36.53 | 121 | 319 | Peak | VERTICAL |
| 2 | 4904.61 | 31.29 | 54.00 | -22.71 | 27.48 | 7.61 | 32.73 | 36.53 | 121 | 319 | Average | VERTICAL |
| 3 | 5000.00 | 48.95 | 54.00 | -5.05 | 44.82 | 7.75 | 32.90 | 36.52 | 241 | 96 | Average | VERTICAL |
| 4 | 5000.02 | 53.09 | 74.00 | -20.91 | 48.96 | 7.75 | 32.90 | 36.52 | 241 | 96 | Peak | VERTICAL |

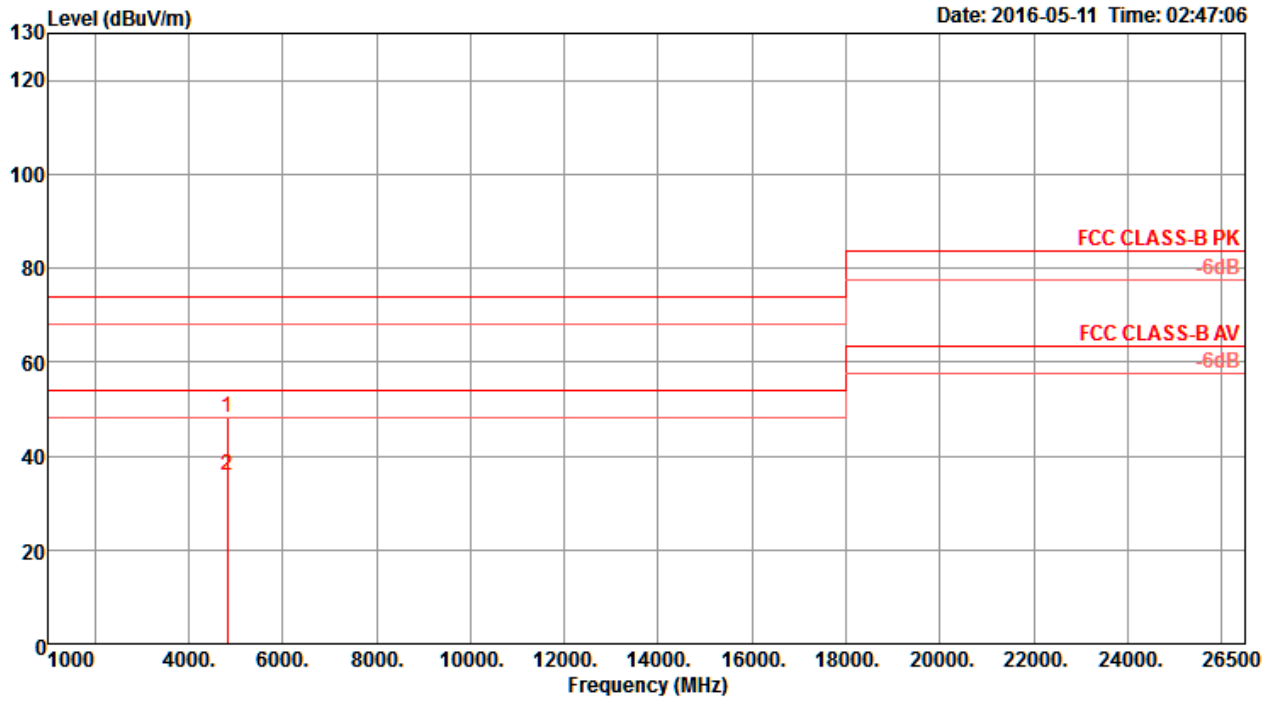
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*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 | 4829.60 | 35.37 | 54.00 | -18.63 | 29.47 | 7.58 | 32.84 | 34.52 | 284 | 143 | Average | HORIZONTAL |
| 2 | 4831.36 | 48.23 | 74.00 | -25.77 | 42.33 | 7.58 | 32.84 | 34.52 | 284 | 143 | Peak | HORIZONTAL |

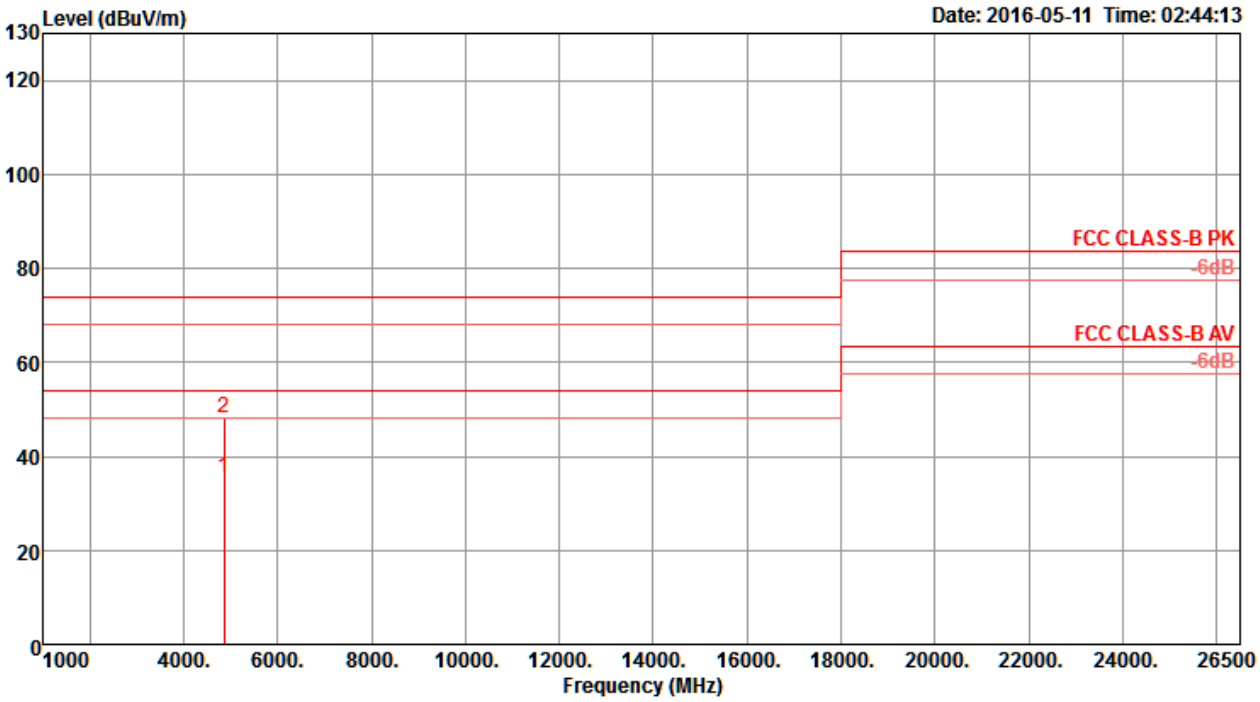
*Vertical*




| | 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 | 4823.60 | 48.03 | 74.00 | -25.97 | 42.15 | 7.58 | 32.82 | 34.52 | 61 | 140 | Peak | VERTICAL |
| 2 | 4824.00 | 35.92 | 54.00 | -18.08 | 30.04 | 7.58 | 32.82 | 34.52 | 61 | 140 | Average | VERTICAL |

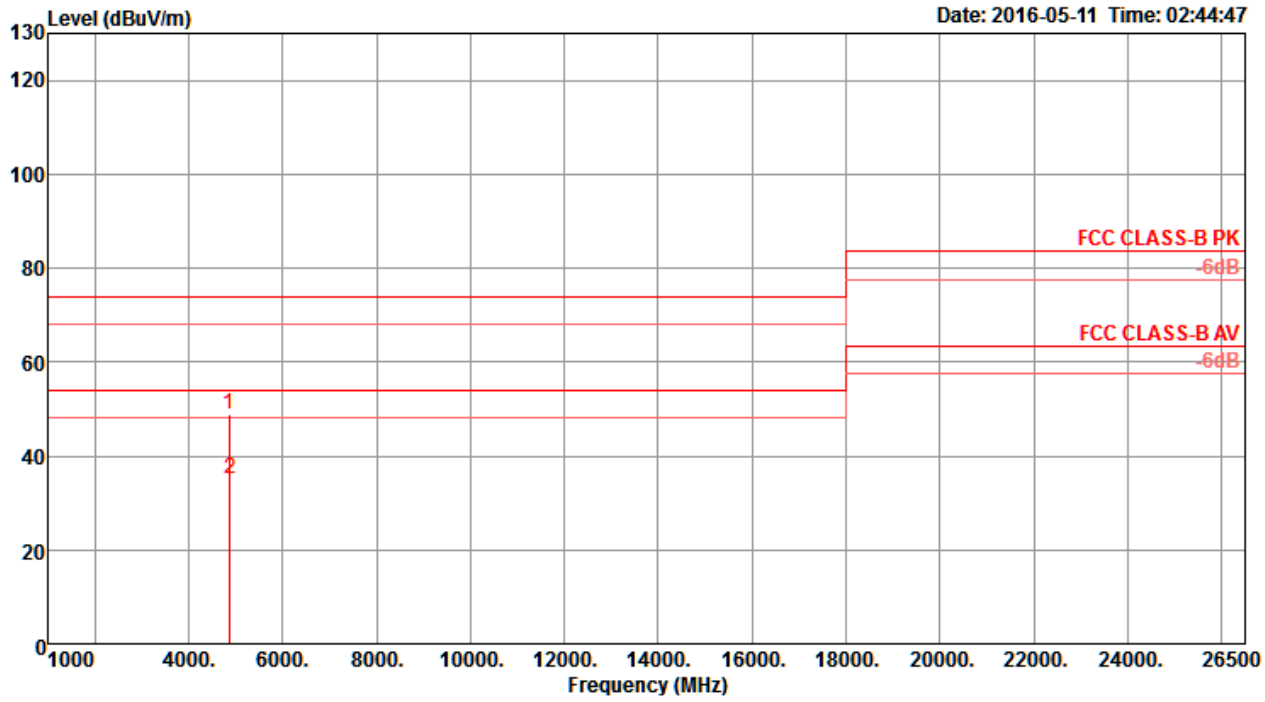
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*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 | 4868.48 | 35.35 | 54.00 | -18.65 | 29.35 | 7.60 | 32.91 | 34.51 | 188 | 121 | Average | HORIZONTAL |
| 2 | 4869.44 | 48.16 | 74.00 | -25.84 | 42.16 | 7.60 | 32.91 | 34.51 | 188 | 121 | Peak | HORIZONTAL |

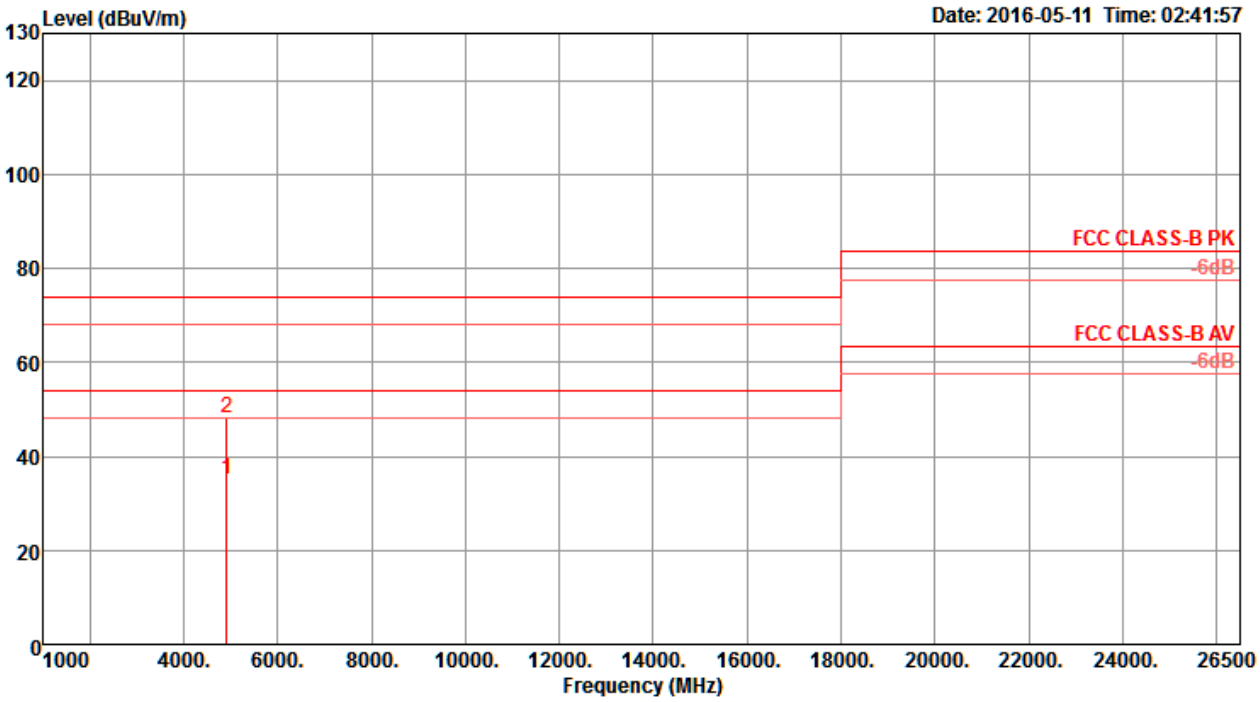
*Vertical*




| | 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 | 4867.92 | 49.06 | 74.00 | -24.94 | 43.06 | 7.60 | 32.91 | 34.51 | 286 | 133 | Peak | VERTICAL |
| 2 | 4874.92 | 35.27 | 54.00 | -18.73 | 29.27 | 7.60 | 32.91 | 34.51 | 286 | 133 | Average | VERTICAL |

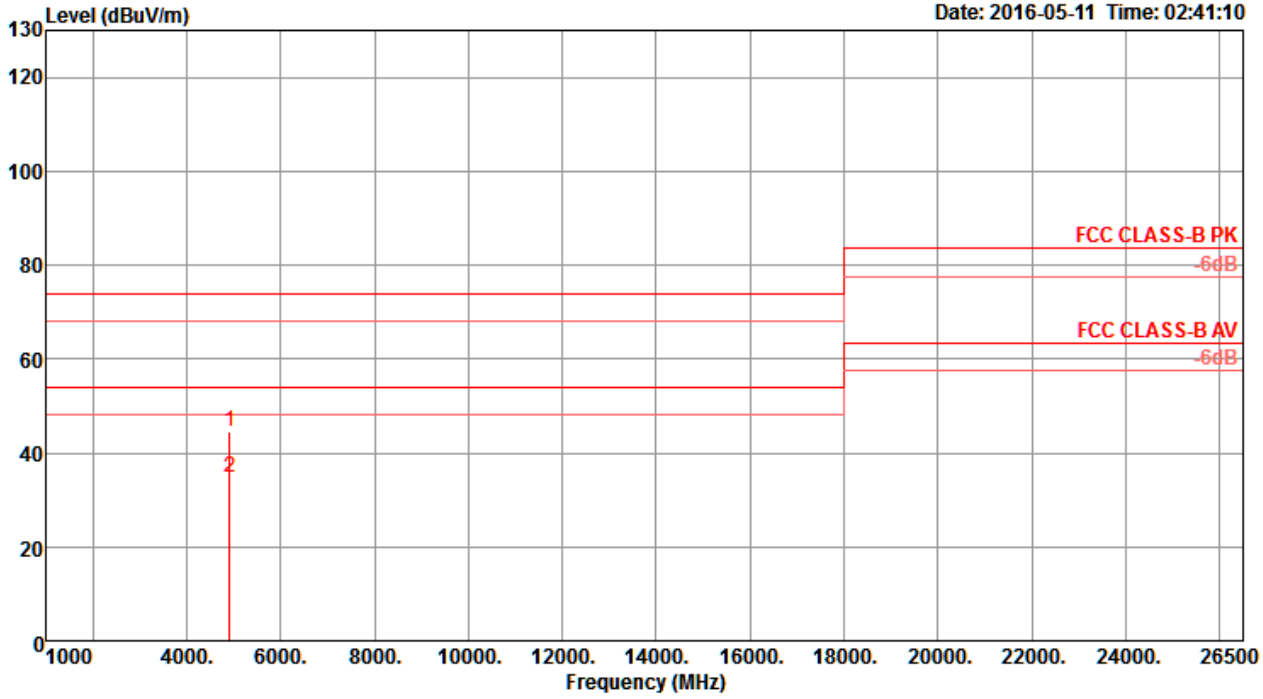
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11b CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*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 | 4919.00 | 35.16 | 54.00 | -18.84 | 29.07 | 7.61 | 32.97 | 34.49 | 33 | 135 | Average | HORIZONTAL |
| 2 | 4921.12 | 48.01 | 74.00 | -25.99 | 41.92 | 7.61 | 32.97 | 34.49 | 33 | 135 | Peak | HORIZONTAL |

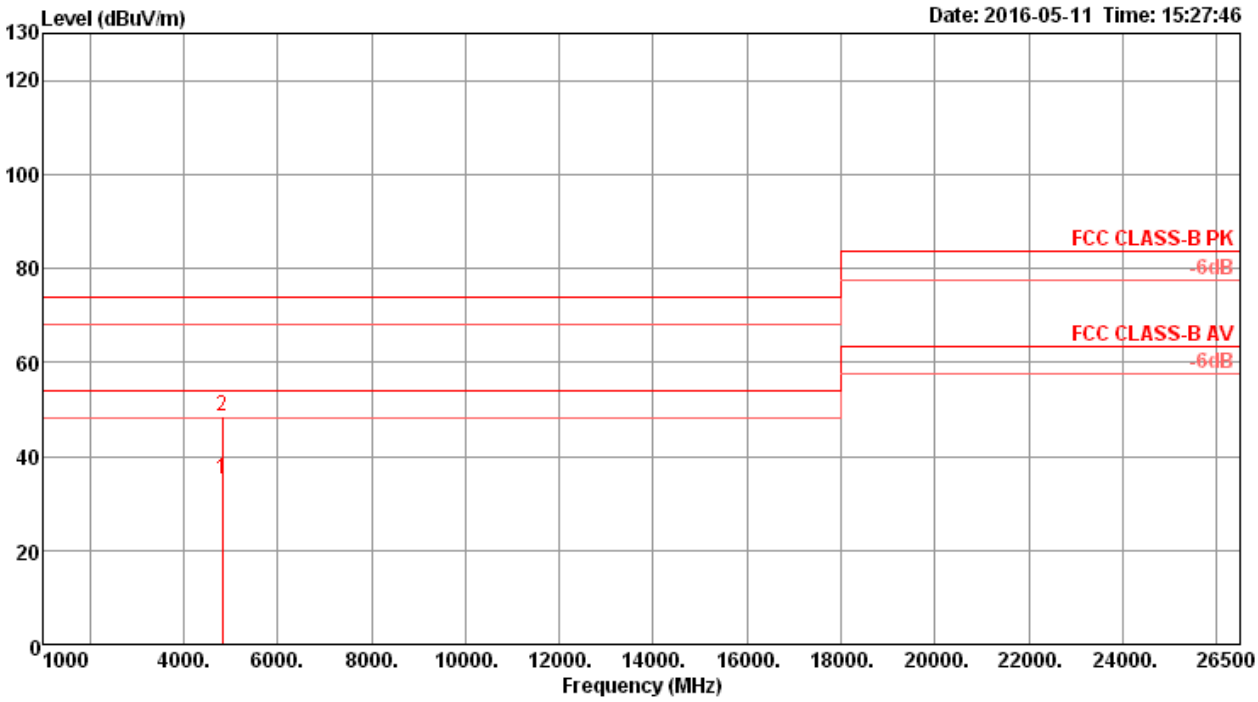
*Vertical*




| | 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 | 4914.00 | 44.45 | 74.00 | -29.55 | 38.36 | 7.61 | 32.97 | 34.49 | 224 | 124 | Peak | VERTICAL |
| 2 | 4914.00 | 34.71 | 54.00 | -19.29 | 28.62 | 7.61 | 32.97 | 34.49 | 224 | 124 | Average | VERTICAL |

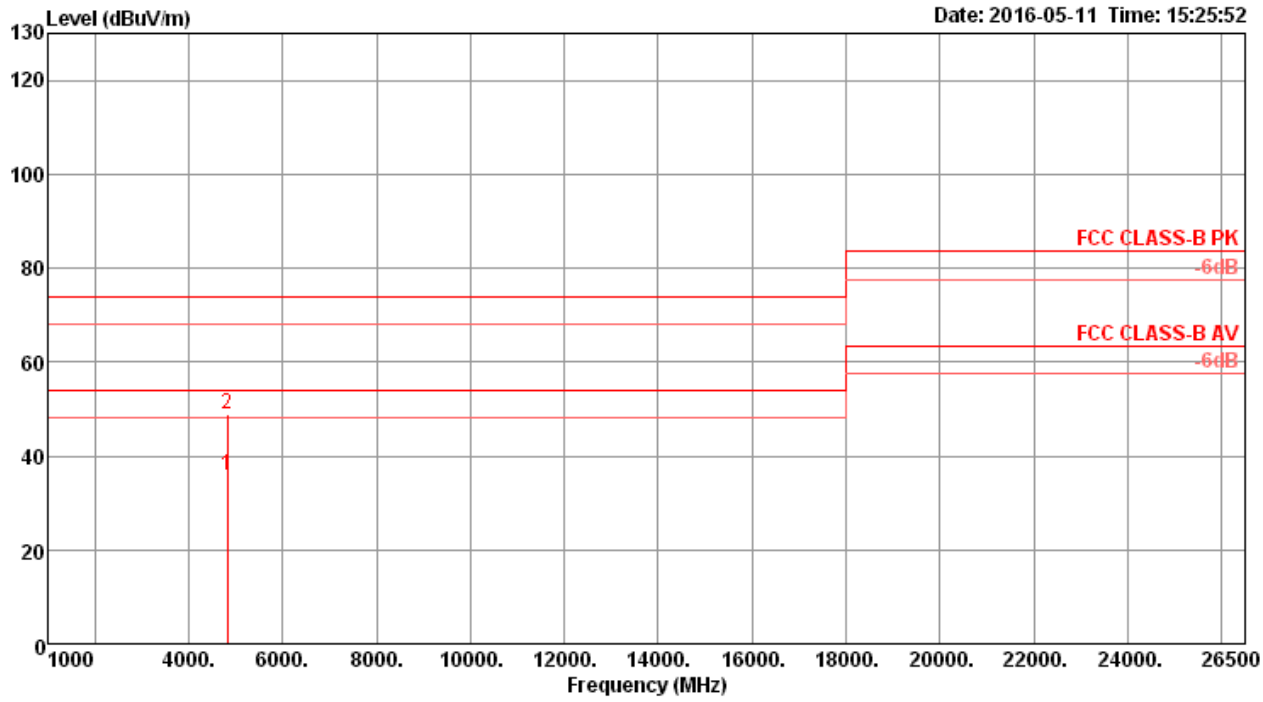
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4821.68 | 35.30 | 54.00 | -18.70 | 27.63 | 7.64 | 33.11 | 33.08 | 163 | 55 | Average | HORIZONTAL |
| 2 | 4823.87 | 48.35 | 74.00 | -25.65 | 40.68 | 7.64 | 33.11 | 33.08 | 163 | 55 | Peak | HORIZONTAL |

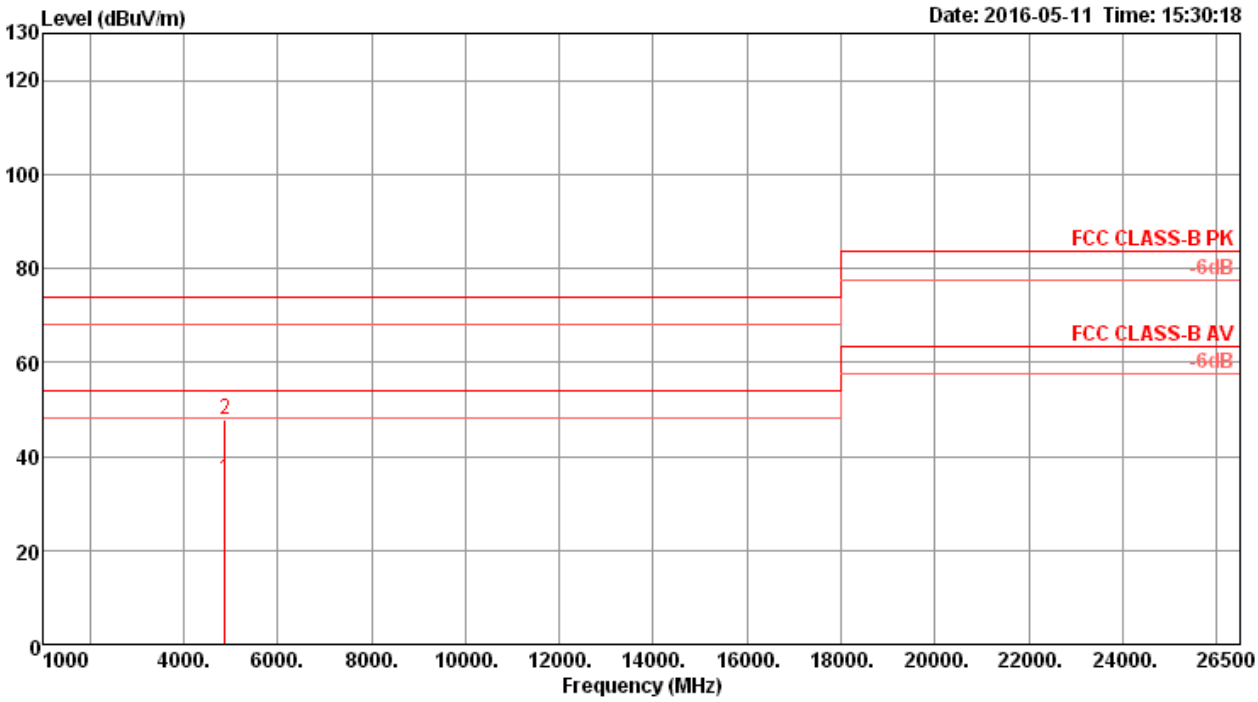
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4822.53 | 35.69 | 54.00 | -18.31 | 28.02 | 7.64 | 33.11 | 33.08 | 154 | 334 | Average | VERTICAL |
| 2 | 4826.39 | 48.97 | 74.00 | -25.03 | 41.26 | 7.65 | 33.14 | 33.08 | 154 | 334 | Peak | VERTICAL |

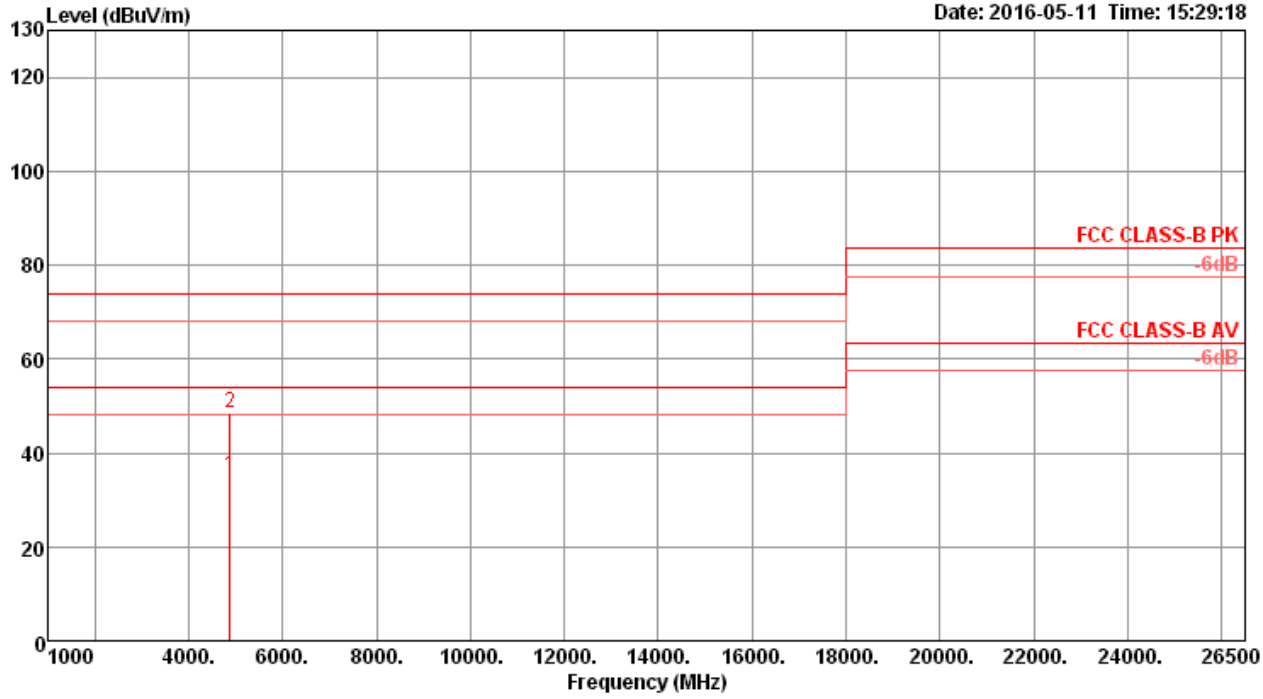
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4871.66 | 35.15 | 54.00 | -18.85 | 27.30 | 7.70 | 33.23 | 33.08 | 163 | 160 | Average | HORIZONTAL |
| 2 | 4872.37 | 47.79 | 74.00 | -26.21 | 39.94 | 7.70 | 33.23 | 33.08 | 163 | 160 | Peak | HORIZONTAL |

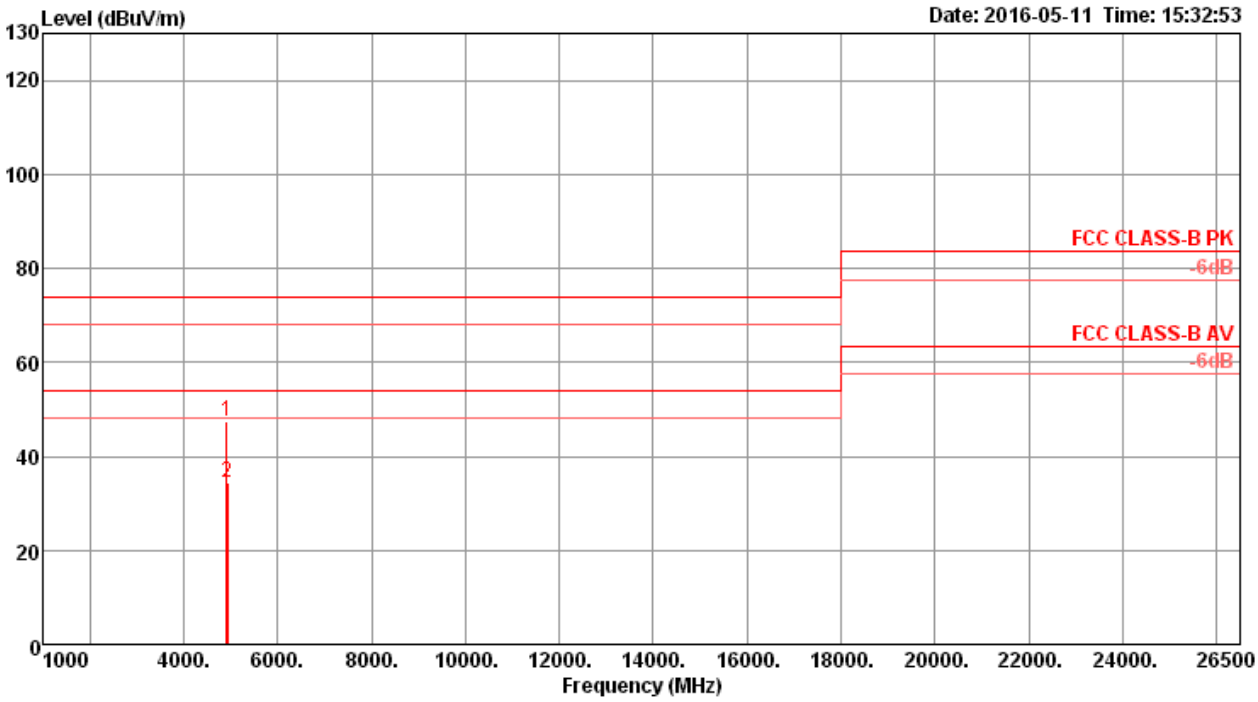
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4870.47 | 35.03 | 54.00 | -18.97 | 27.18 | 7.70 | 33.23 | 33.08 | 173 | 104 | Average | VERTICAL |
| 2 | 4873.18 | 48.59 | 74.00 | -25.41 | 40.74 | 7.70 | 33.23 | 33.08 | 173 | 104 | Peak | VERTICAL |

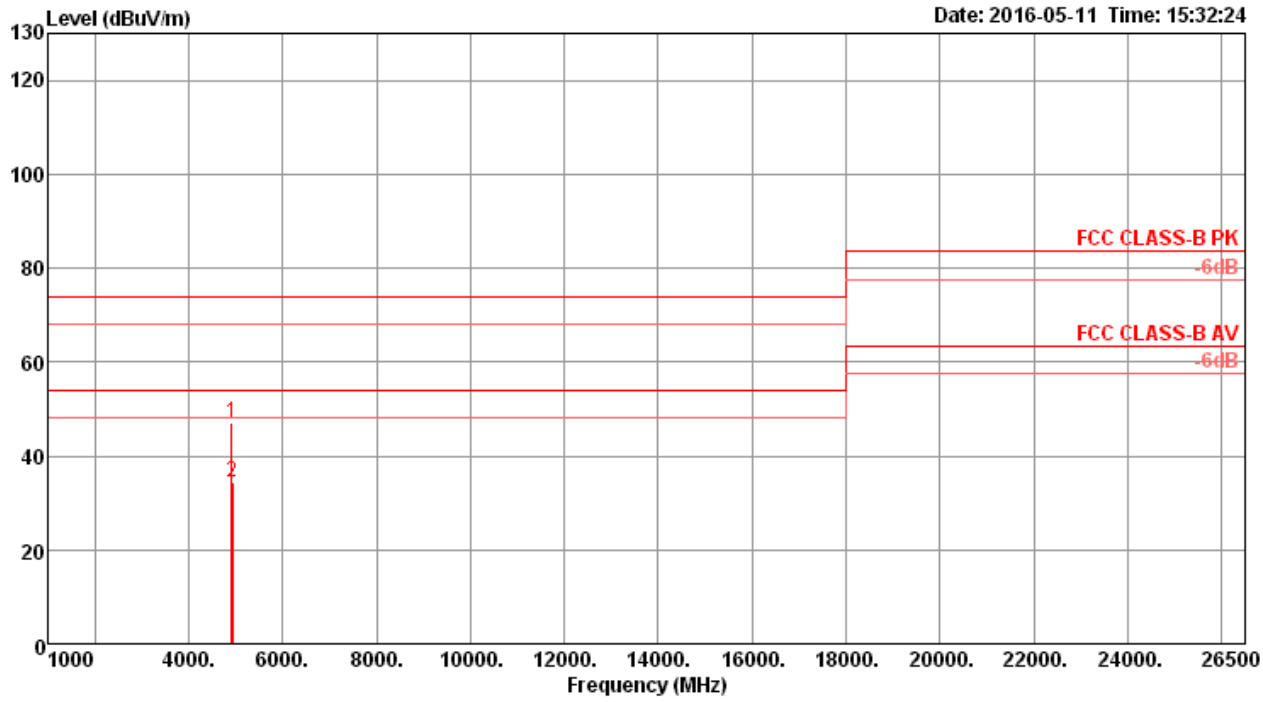
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11g CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4919.99 | 47.42 | 74.00 | -26.58 | 39.42 | 7.75 | 33.32 | 33.07 | 166 | 262 | Peak | HORIZONTAL |
| 2 | 4925.04 | 34.51 | 54.00 | -19.49 | 26.46 | 7.76 | 33.35 | 33.06 | 166 | 262 | Average | HORIZONTAL |

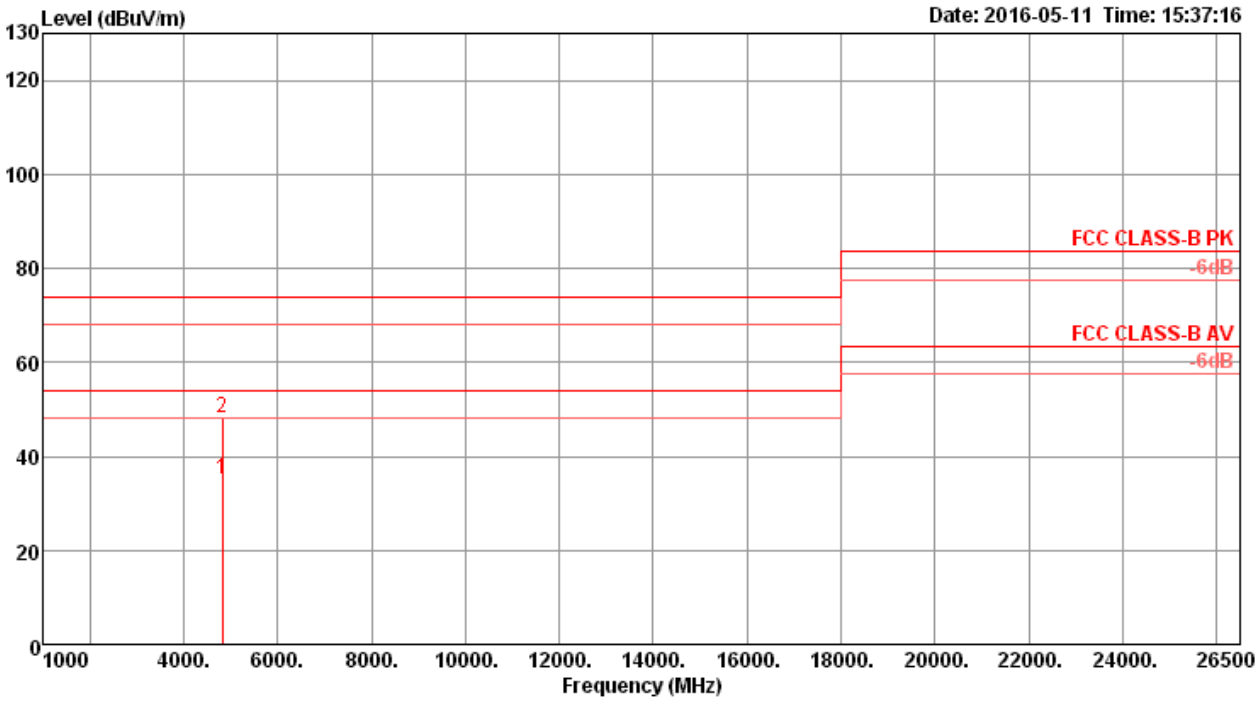
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4922.54 | 47.16 | 74.00 | -26.84 | 39.16 | 7.75 | 33.32 | 33.07 | 152 | 215 | Peak | VERTICAL |
| 2 | 4926.74 | 34.56 | 54.00 | -19.44 | 26.51 | 7.76 | 33.35 | 33.06 | 152 | 215 | Average | VERTICAL |

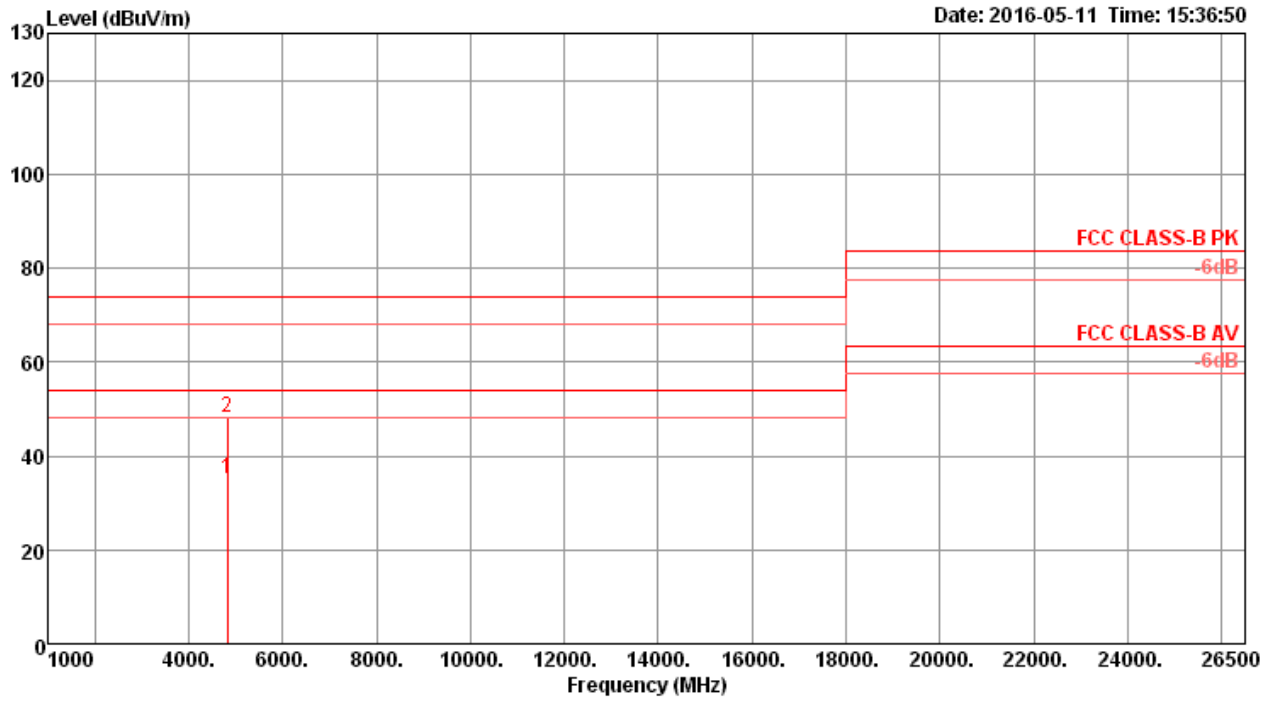
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4820.64 | 35.06 | 54.00 | -18.94 | 27.39 | 7.64 | 33.11 | 33.08 | 160 | 331 | Average | HORIZONTAL |
| 2 | 4823.92 | 48.12 | 74.00 | -25.88 | 40.45 | 7.64 | 33.11 | 33.08 | 160 | 331 | Peak | HORIZONTAL |

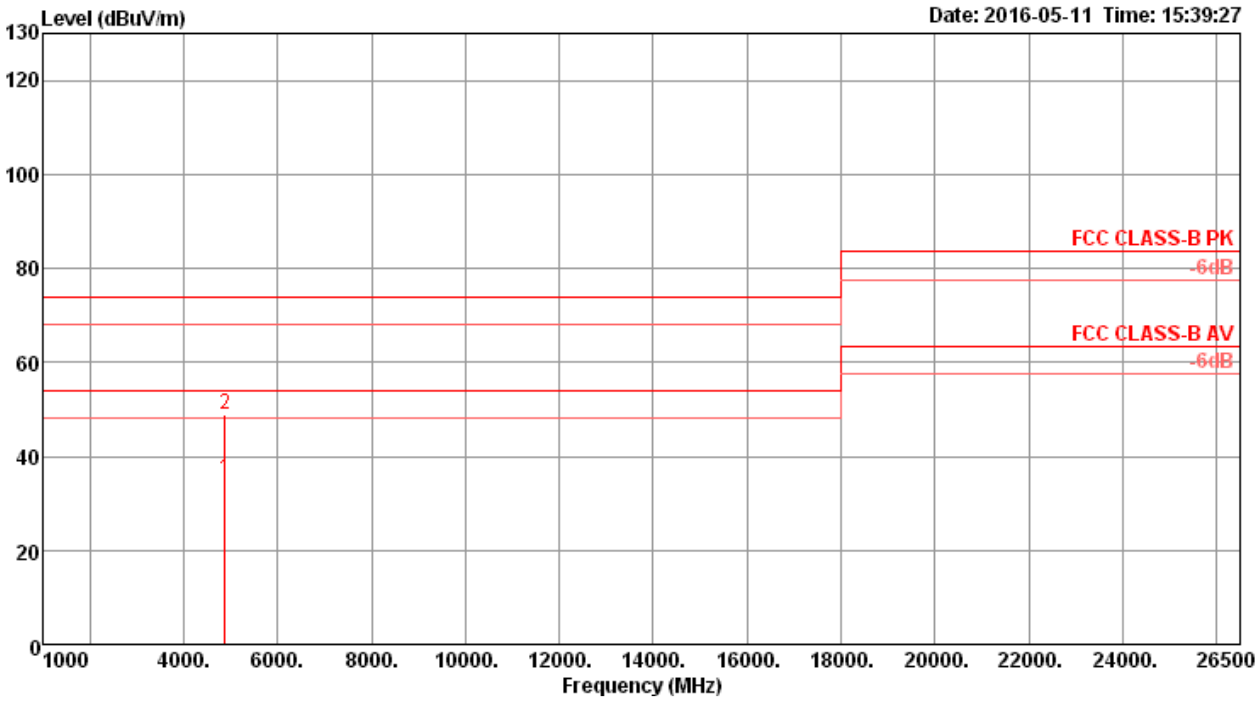
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4824.83 | 35.23 | 54.00 | -18.77 | 27.56 | 7.64 | 33.11 | 33.08 | 146 | 299 | Average | VERTICAL |
| 2 | 4825.22 | 48.16 | 74.00 | -25.84 | 40.45 | 7.65 | 33.14 | 33.08 | 146 | 299 | Peak | VERTICAL |

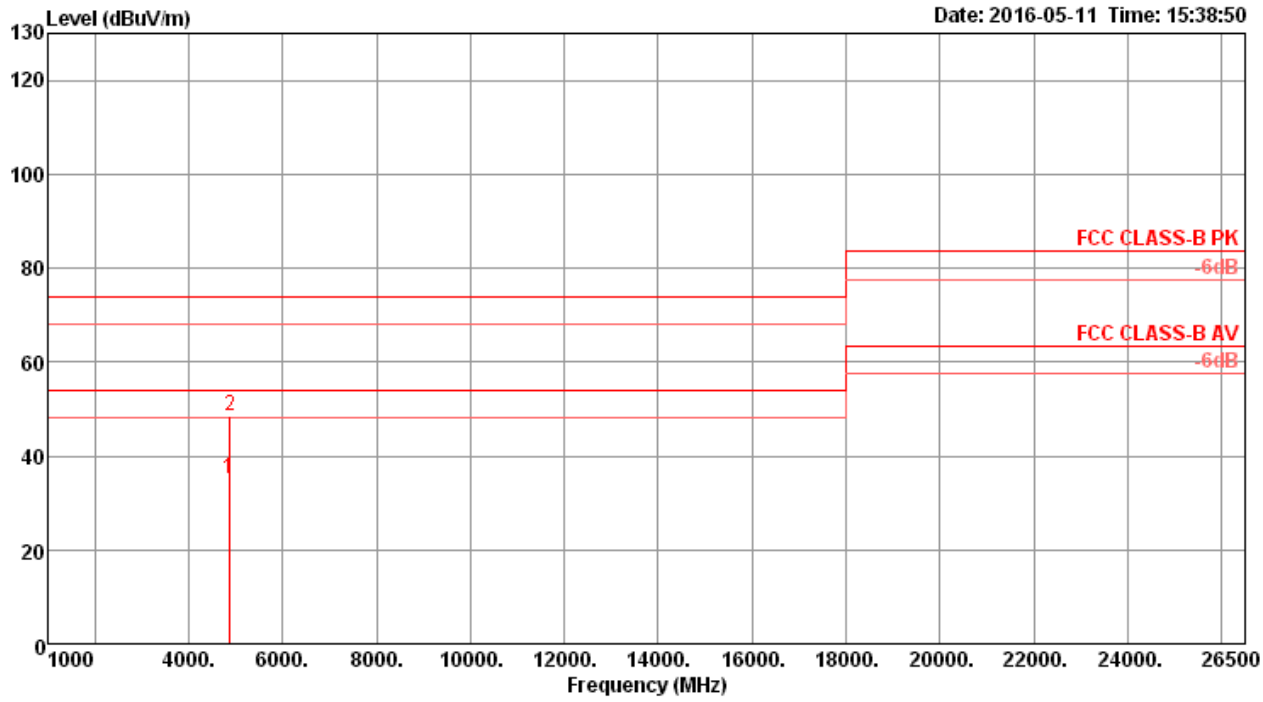
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4871.74 | 35.17 | 54.00 | -18.83 | 27.32 | 7.70 | 33.23 | 33.08 | 173 | 272 | Average | HORIZONTAL |
| 2 | 4878.09 | 48.96 | 74.00 | -25.04 | 41.10 | 7.70 | 33.23 | 33.07 | 173 | 272 | Peak | HORIZONTAL |

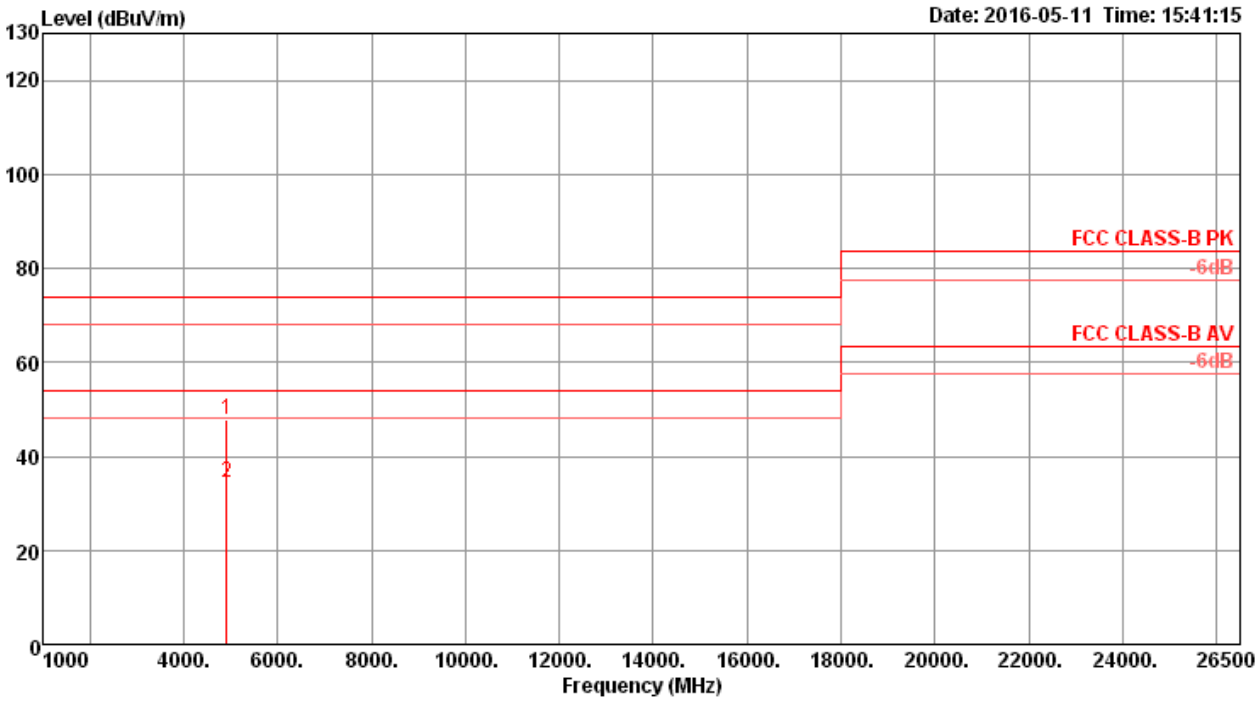
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4869.83 | 34.96 | 54.00 | -19.04 | 27.11 | 7.70 | 33.23 | 33.08 | 169 | 311 | Average | VERTICAL |
| 2 | 4874.51 | 48.34 | 74.00 | -25.66 | 40.49 | 7.70 | 33.23 | 33.08 | 169 | 311 | Peak | VERTICAL |

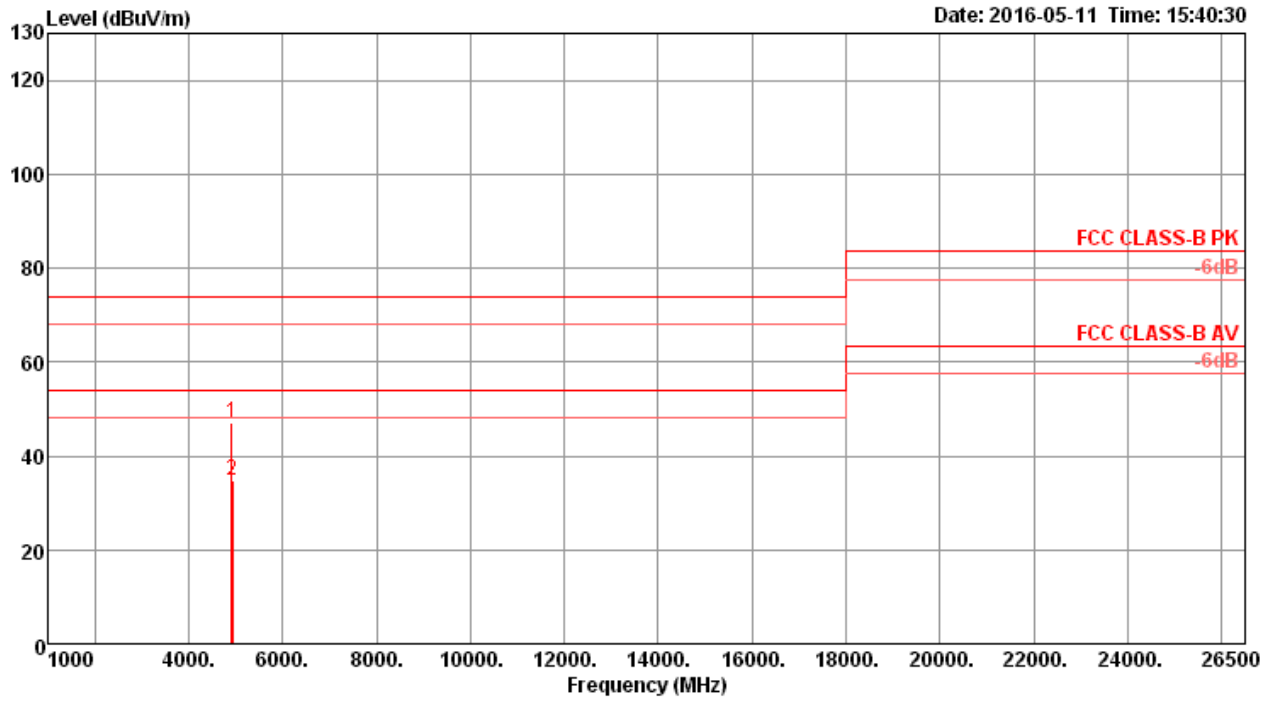
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4922.19 | 47.73 | 74.00 | -26.27 | 39.73 | 7.75 | 33.32 | 33.07 | 160 | 183 | Peak | HORIZONTAL |
| 2 | 4923.33 | 34.48 | 54.00 | -19.52 | 26.48 | 7.75 | 33.32 | 33.07 | 160 | 183 | Average | HORIZONTAL |

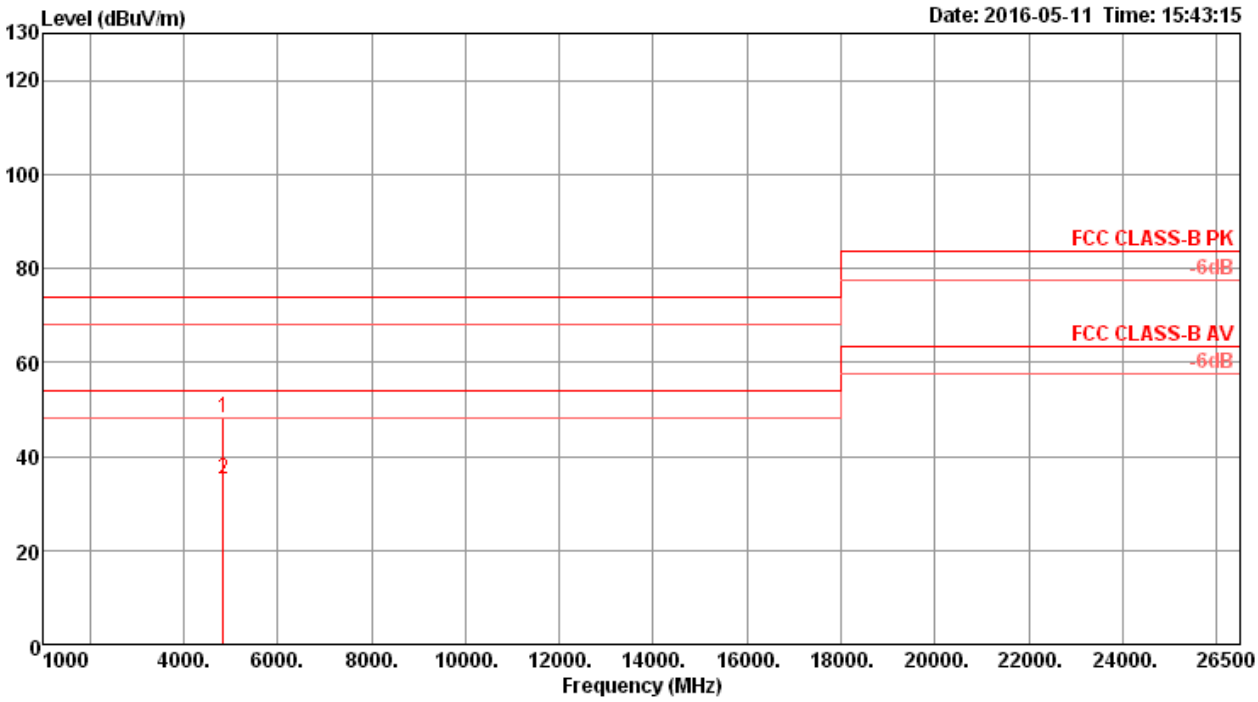
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4920.80 | 47.20 | 74.00 | -26.80 | 39.20 | 7.75 | 33.32 | 33.07 | 184 | 219 | Peak | VERTICAL |
| 2 | 4925.35 | 34.63 | 54.00 | -19.37 | 26.58 | 7.76 | 33.35 | 33.06 | 184 | 219 | Average | VERTICAL |

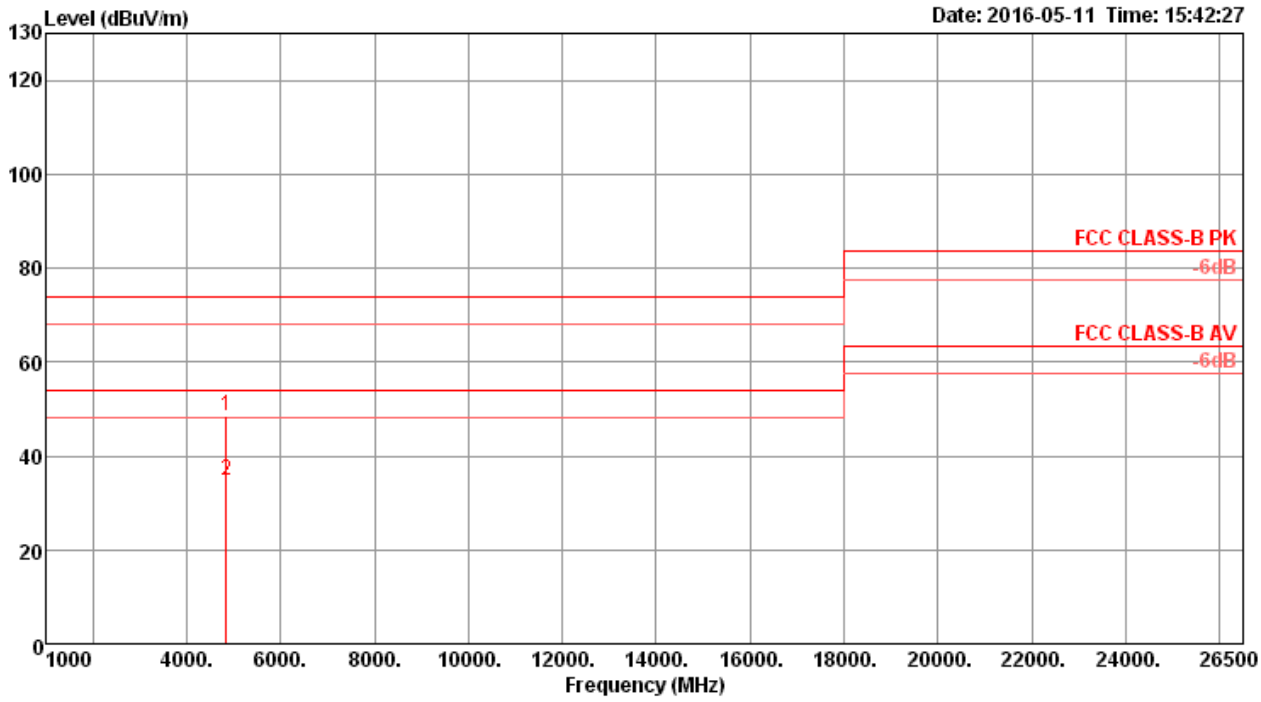
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4844.71 | 48.06 | 74.00 | -25.94 | 40.30 | 7.67 | 33.17 | 33.08 | 150 | 108 | Peak | HORIZONTAL |
| 2 | 4847.56 | 34.95 | 54.00 | -19.05 | 27.19 | 7.67 | 33.17 | 33.08 | 150 | 108 | Average | HORIZONTAL |

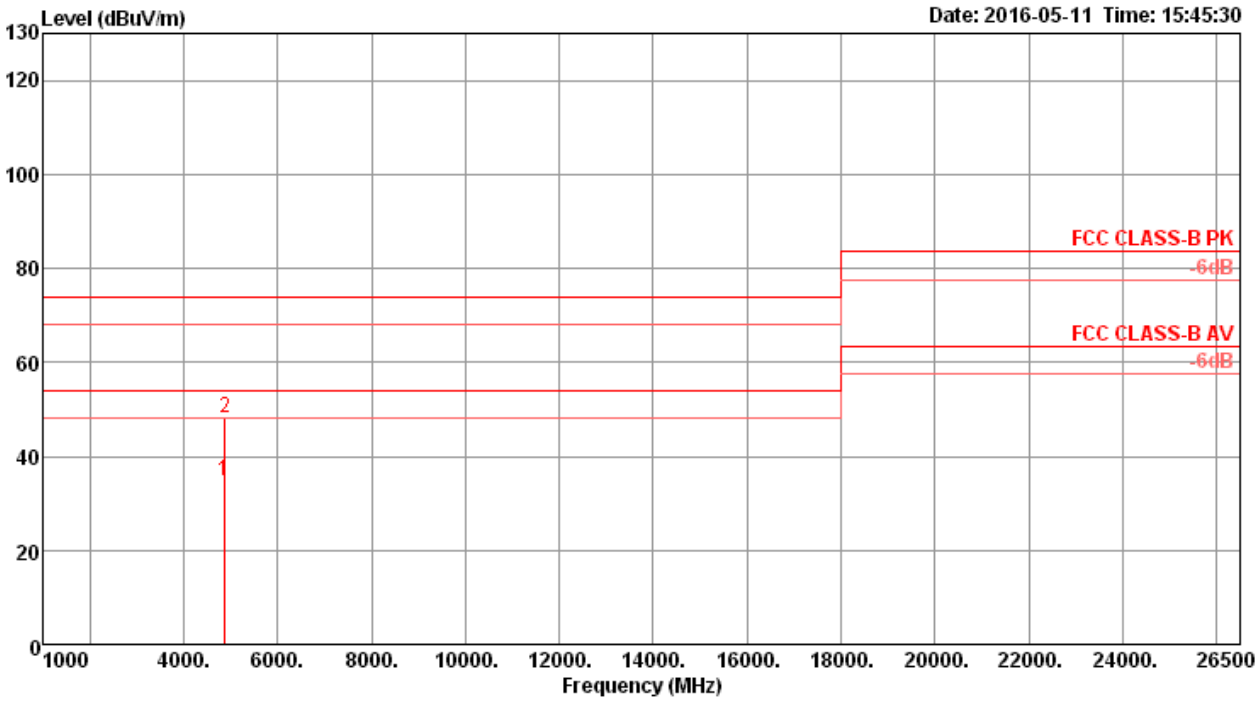
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4841.81 | 48.40 | 74.00 | -25.60 | 40.64 | 7.67 | 33.17 | 33.08 | 170 | 148 | Peak | VERTICAL |
| 2 | 4842.37 | 34.90 | 54.00 | -19.10 | 27.14 | 7.67 | 33.17 | 33.08 | 170 | 148 | Average | VERTICAL |

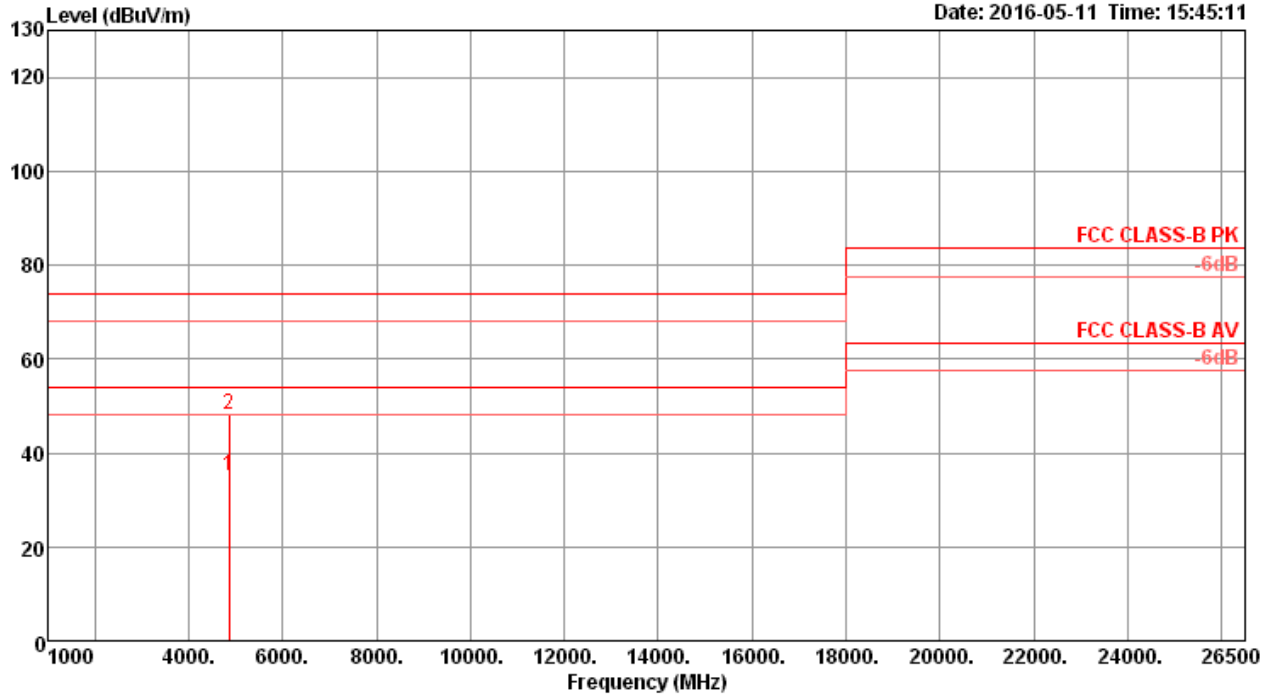
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4870.07 | 34.87 | 54.00 | -19.13 | 27.02 | 7.70 | 33.23 | 33.08 | 158 | 109 | Average | HORIZONTAL |
| 2 | 4874.06 | 48.11 | 74.00 | -25.89 | 40.26 | 7.70 | 33.23 | 33.08 | 158 | 109 | Peak | HORIZONTAL |

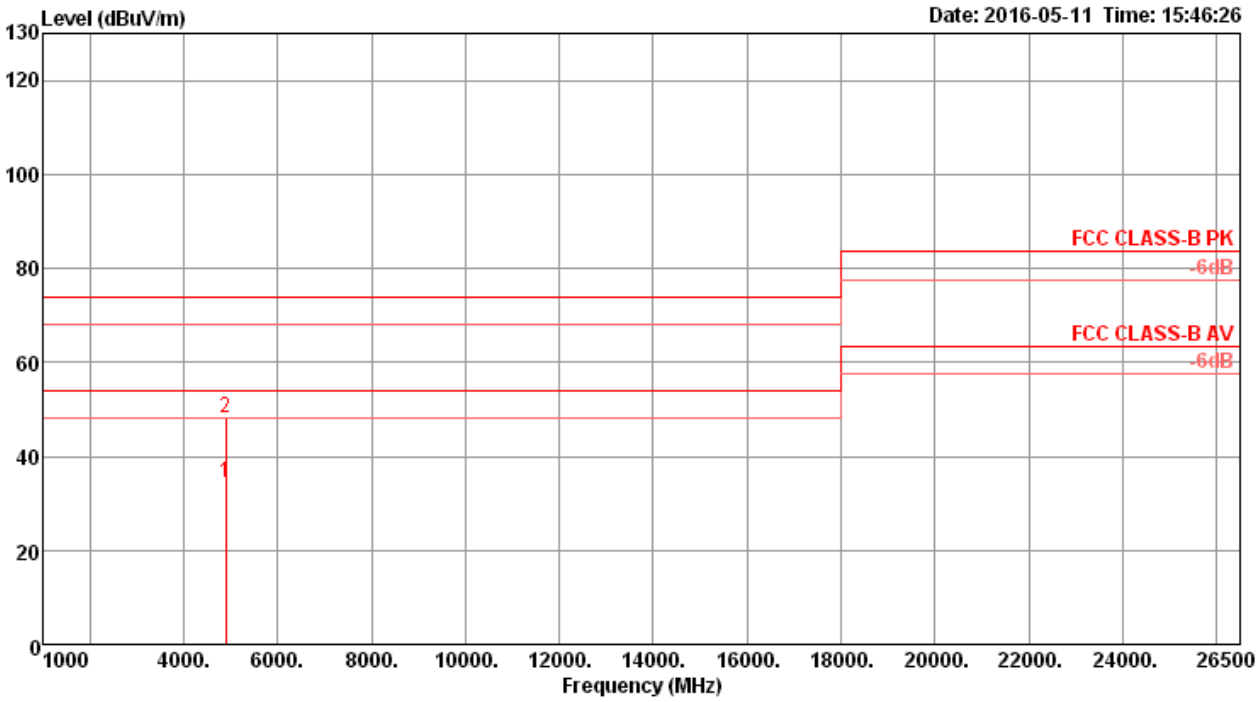
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4869.37 | 35.05 | 54.00 | -18.95 | 27.20 | 7.70 | 33.23 | 33.08 | 146 | 85 | Average | VERTICAL |
| 2 | 4869.80 | 48.15 | 74.00 | -25.85 | 40.30 | 7.70 | 33.23 | 33.08 | 146 | 85 | Peak | VERTICAL |

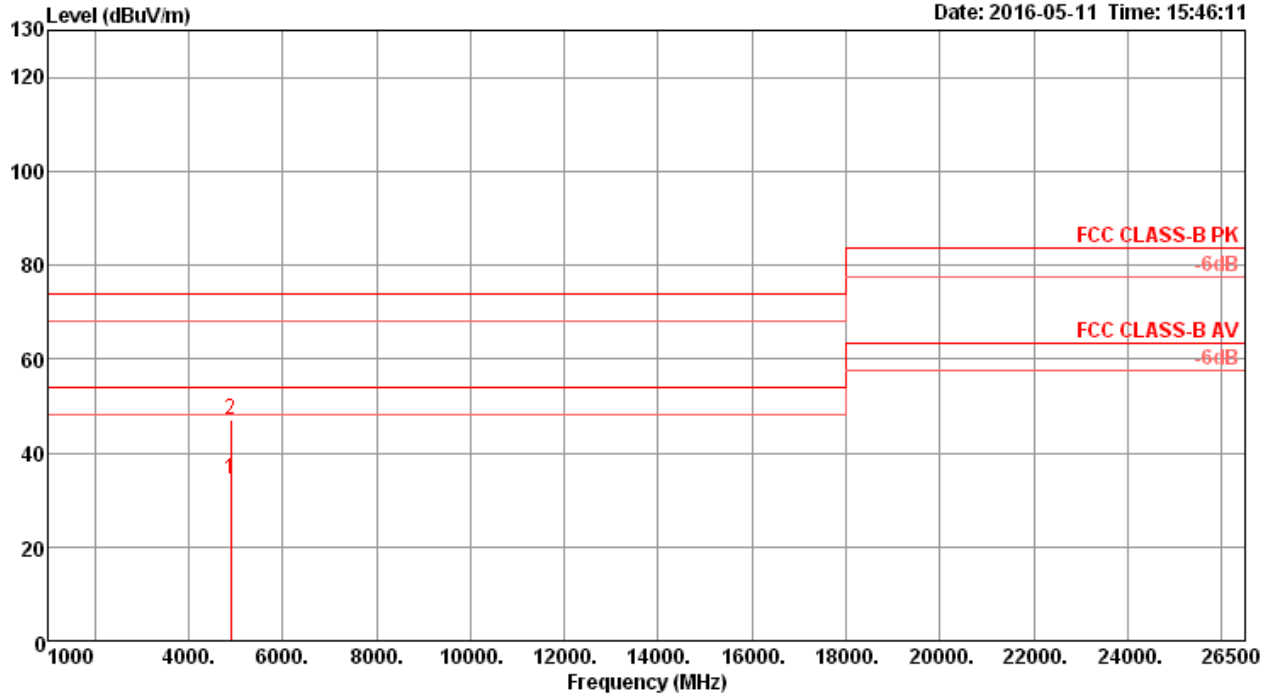
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4899.61 | 34.33 | 54.00 | -19.67 | 26.38 | 7.73 | 33.29 | 33.07 | 190 | 131 | Average | HORIZONTAL |
| 2 | 4902.93 | 48.29 | 74.00 | -25.71 | 40.34 | 7.73 | 33.29 | 33.07 | 190 | 131 | Peak | HORIZONTAL |

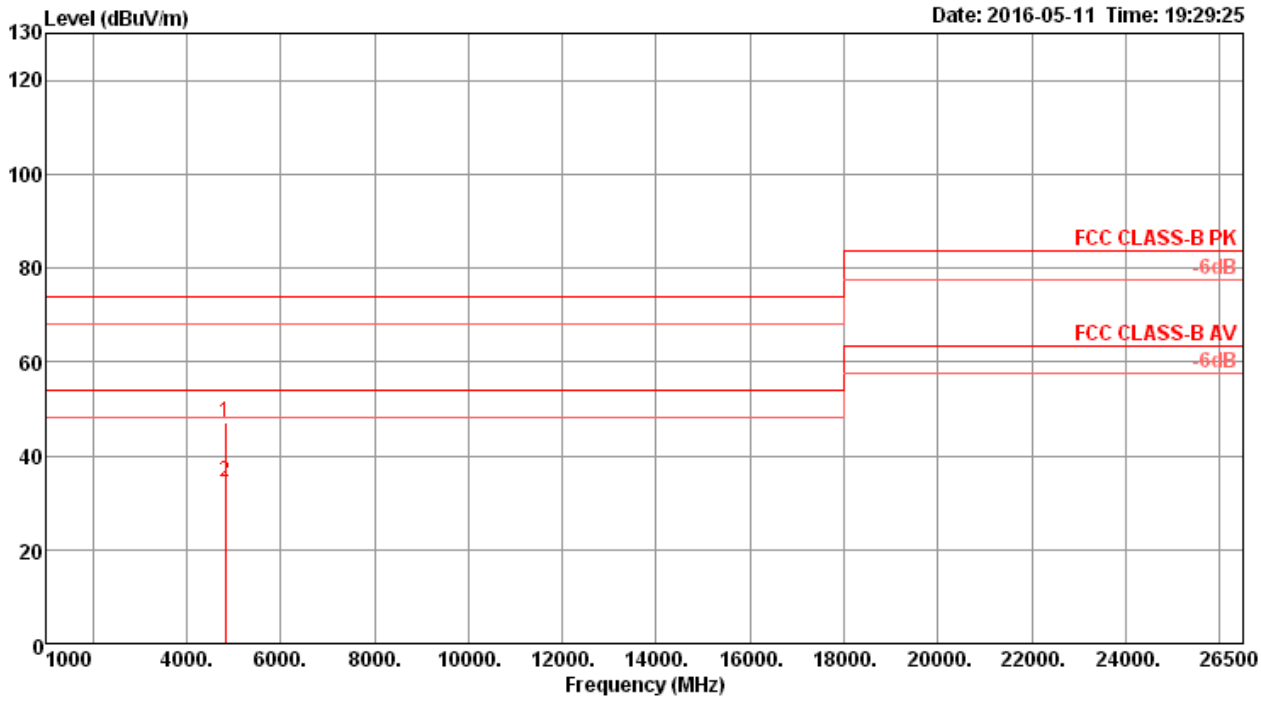
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4899.96 | 34.57 | 54.00 | -19.43 | 26.62 | 7.73 | 33.29 | 33.07 | 157 | 56 | Average | VERTICAL |
| 2 | 4904.88 | 47.19 | 74.00 | -26.81 | 39.24 | 7.73 | 33.29 | 33.07 | 157 | 56 | Peak | VERTICAL |

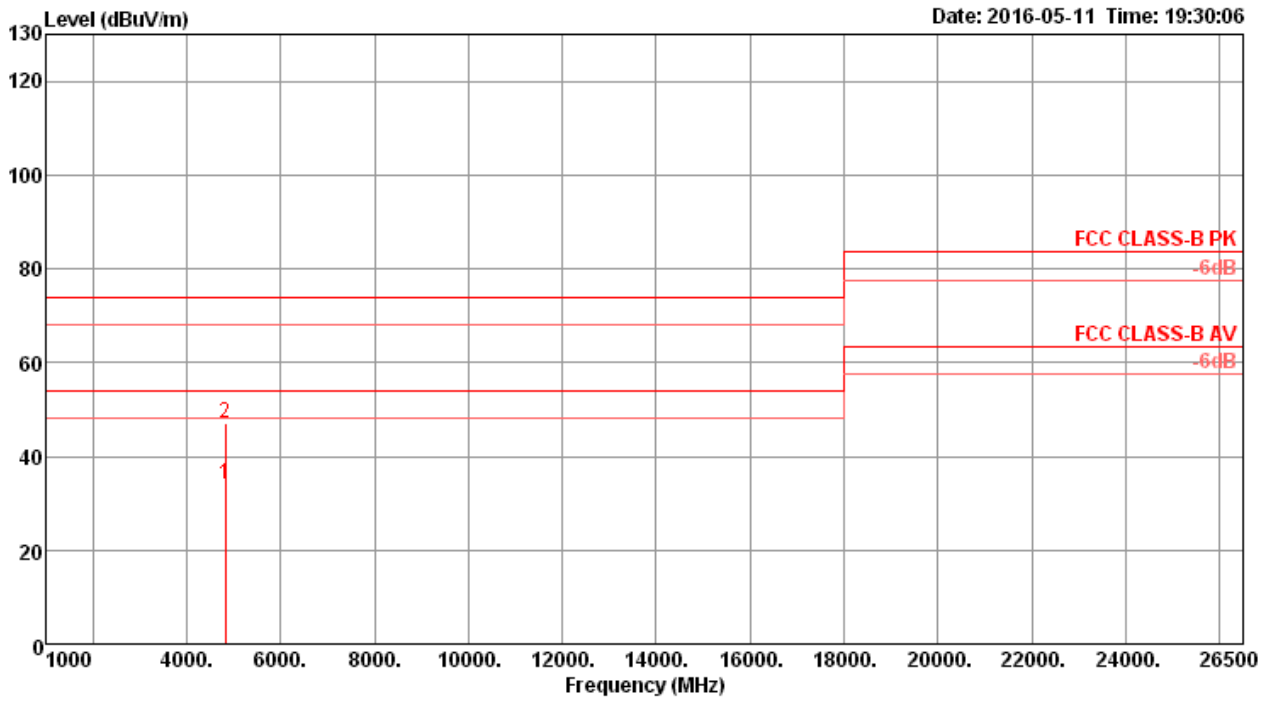
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.60 | 47.20 | 74.00 | -26.80 | 40.41 | 6.76 | 33.11 | 33.08 | 101 | 308 | Peak | HORIZONTAL |
| 2 | 4824.00 | 34.48 | 54.00 | -19.52 | 27.69 | 6.76 | 33.11 | 33.08 | 101 | 308 | Average | HORIZONTAL |

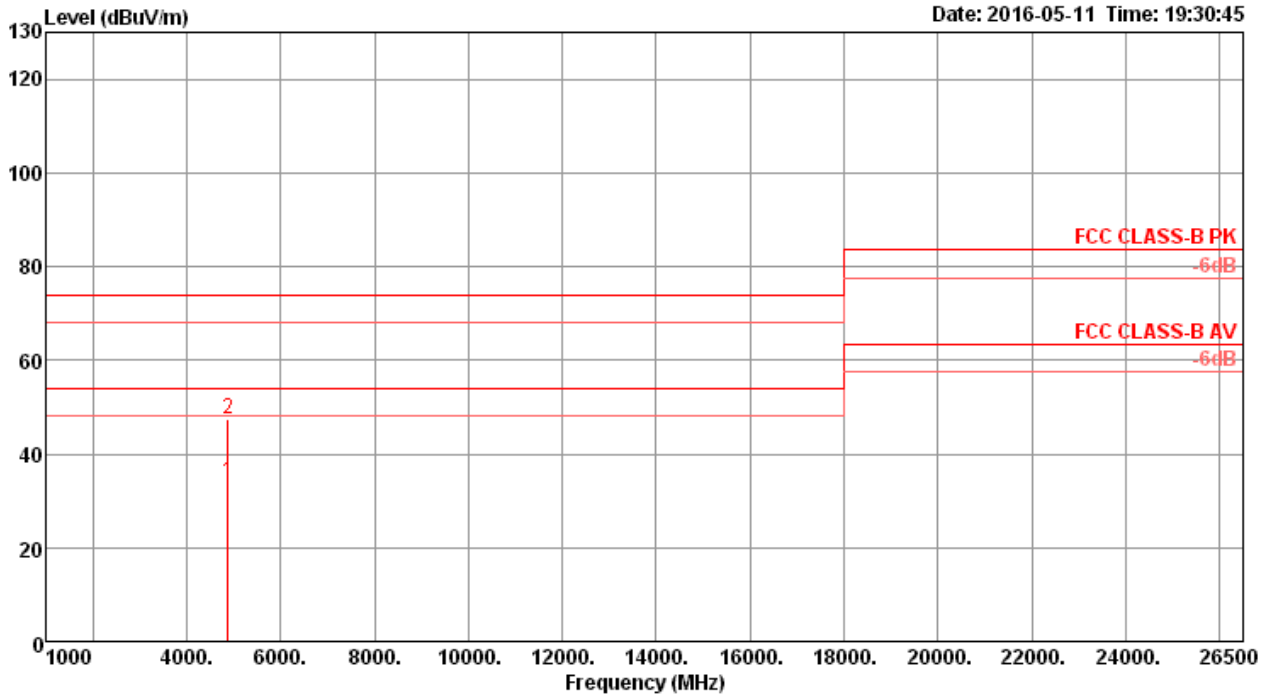
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4823.68 | 34.04 | 54.00 | -19.96 | 27.25 | 6.76 | 33.11 | 33.08 | 102 | 296 | Average | VERTICAL |
| 2 | 4823.73 | 47.16 | 74.00 | -26.84 | 40.37 | 6.76 | 33.11 | 33.08 | 102 | 296 | Peak | VERTICAL |

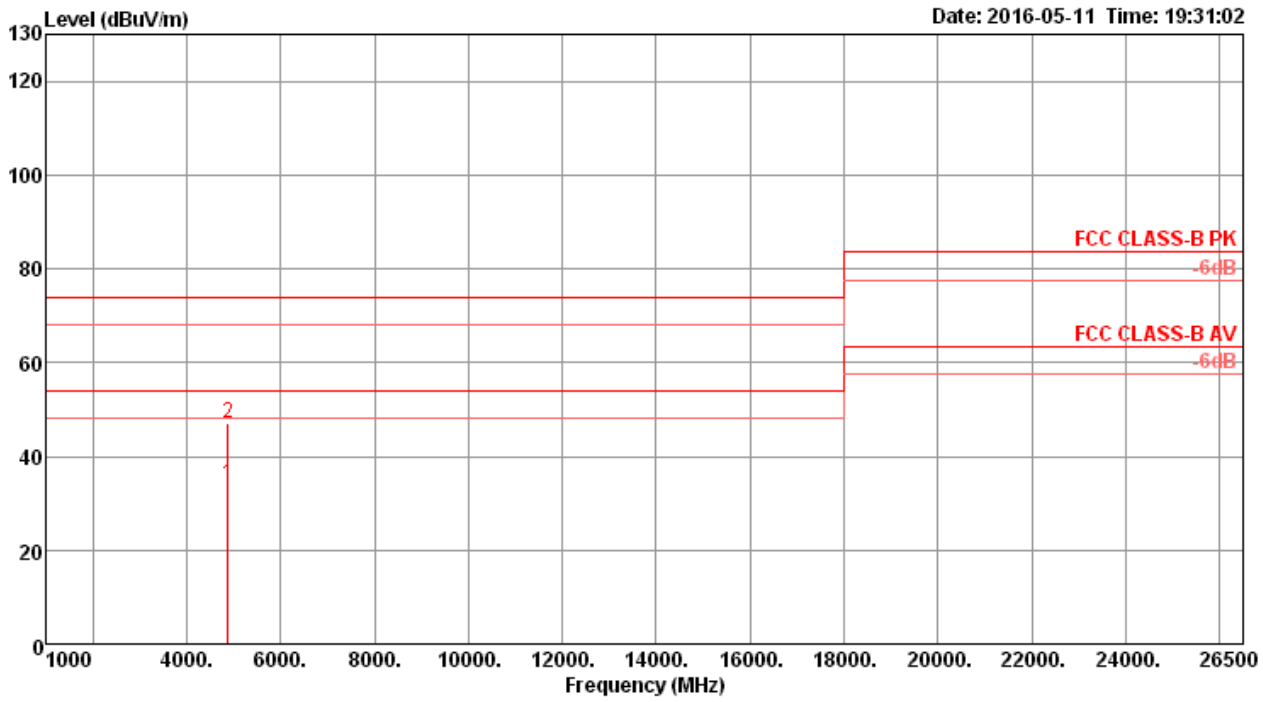
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.36 | 34.09 | 54.00 | -19.91 | 27.13 | 6.81 | 33.23 | 33.08 | 102 | 308 | Average | HORIZONTAL |
| 2 | 4874.97 | 47.35 | 74.00 | -26.65 | 40.39 | 6.81 | 33.23 | 33.08 | 102 | 308 | Peak | HORIZONTAL |

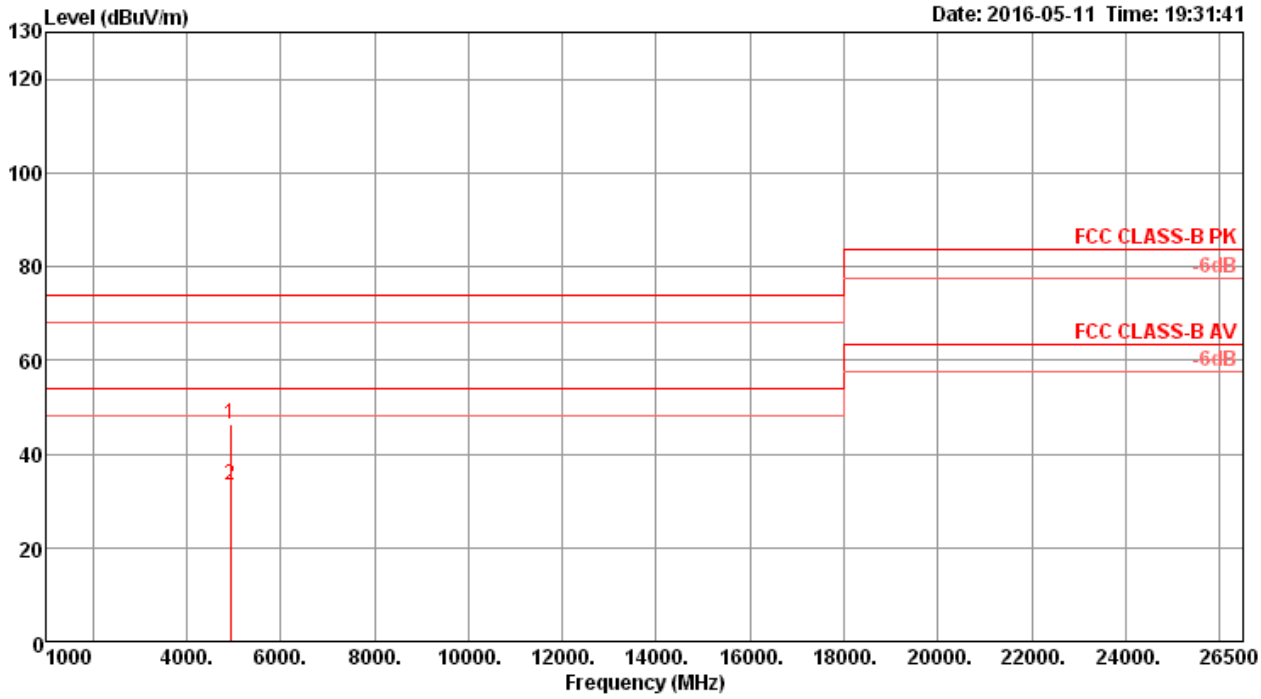
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.73 | 33.87 | 54.00 | -20.13 | 26.91 | 6.81 | 33.23 | 33.08 | 103 | 318 | Average | VERTICAL |
| 2 | 4874.80 | 47.20 | 74.00 | -26.80 | 40.24 | 6.81 | 33.23 | 33.08 | 103 | 318 | Peak | VERTICAL |

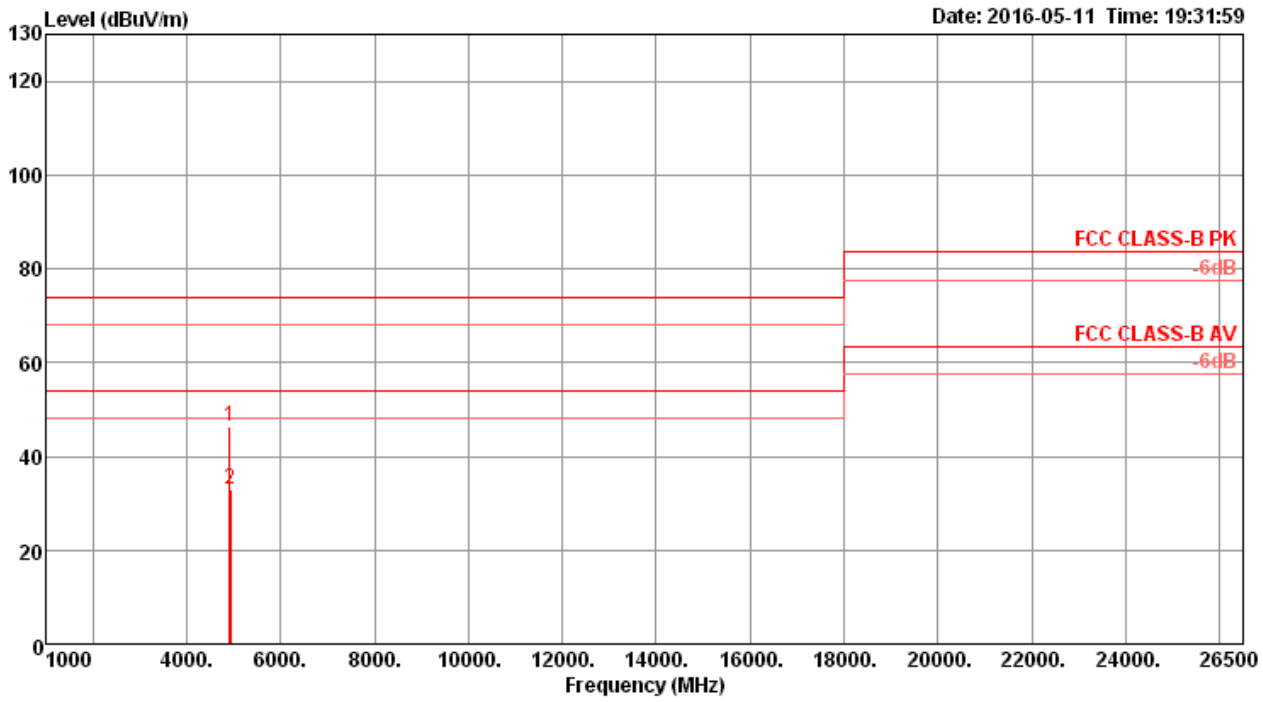
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4924.51 | 46.34 | 74.00 | -27.66 | 39.21 | 6.85 | 33.35 | 33.07 | 102 | 330 | Peak | HORIZONTAL |
| 2 | 4925.00 | 33.22 | 54.00 | -20.78 | 26.09 | 6.85 | 33.35 | 33.07 | 102 | 330 | Average | HORIZONTAL |

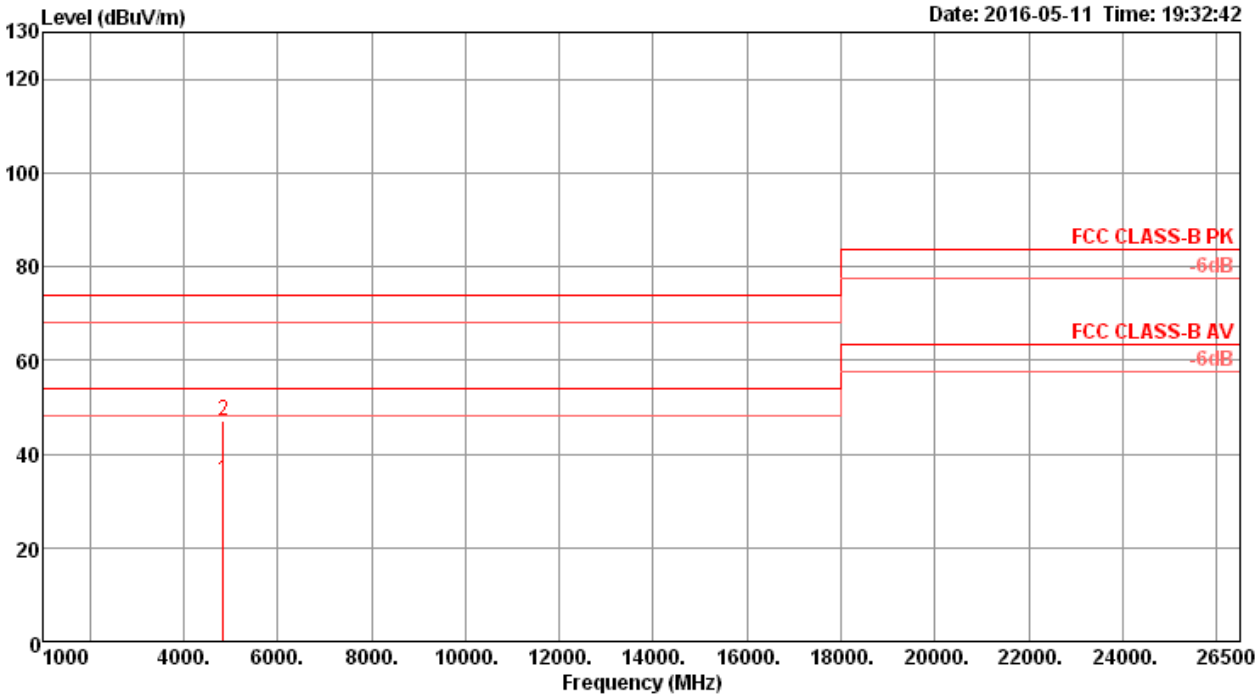
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4924.41 | 46.32 | 74.00 | -27.68 | 39.19 | 6.85 | 33.35 | 33.07 | 101 | 302 | Peak | VERTICAL |
| 2 | 4924.73 | 33.02 | 54.00 | -20.98 | 25.89 | 6.85 | 33.35 | 33.07 | 101 | 302 | Average | VERTICAL |

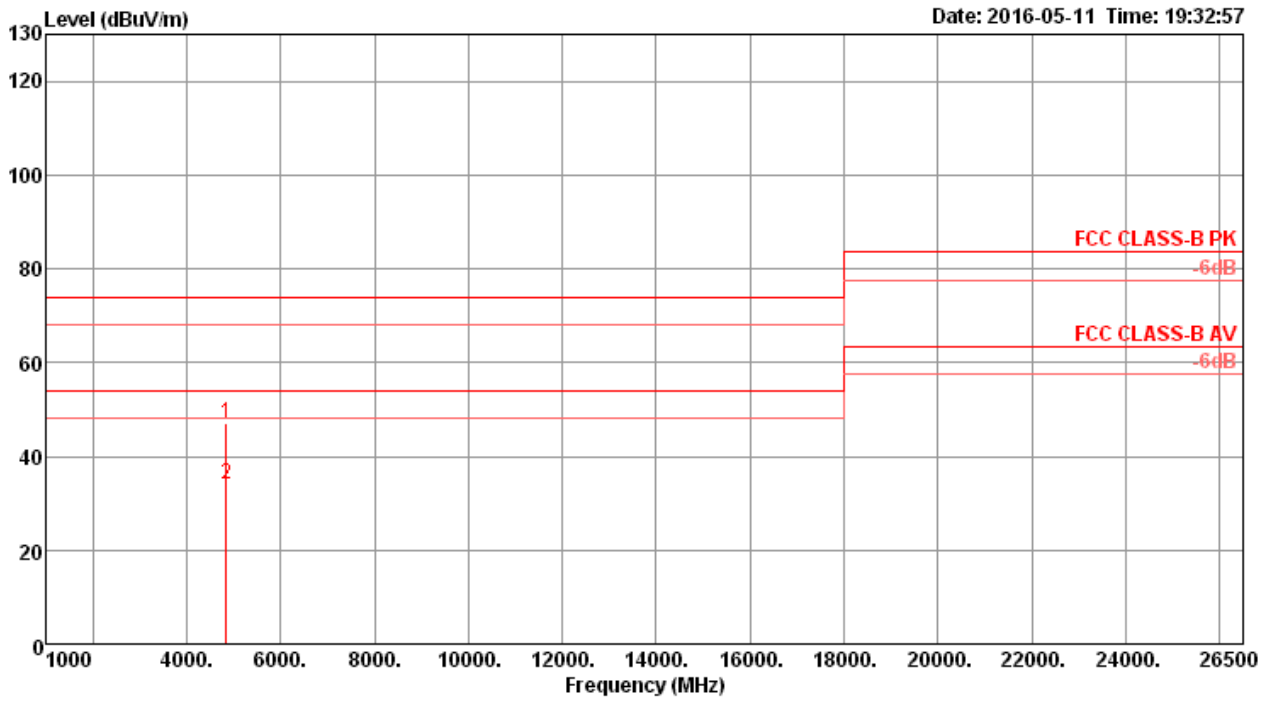
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4843.68 | 34.29 | 54.00 | -19.71 | 27.42 | 6.78 | 33.17 | 33.08 | 100 | 314 | Average | HORIZONTAL |
| 2 | 4844.97 | 47.01 | 74.00 | -26.99 | 40.14 | 6.78 | 33.17 | 33.08 | 100 | 314 | Peak | HORIZONTAL |

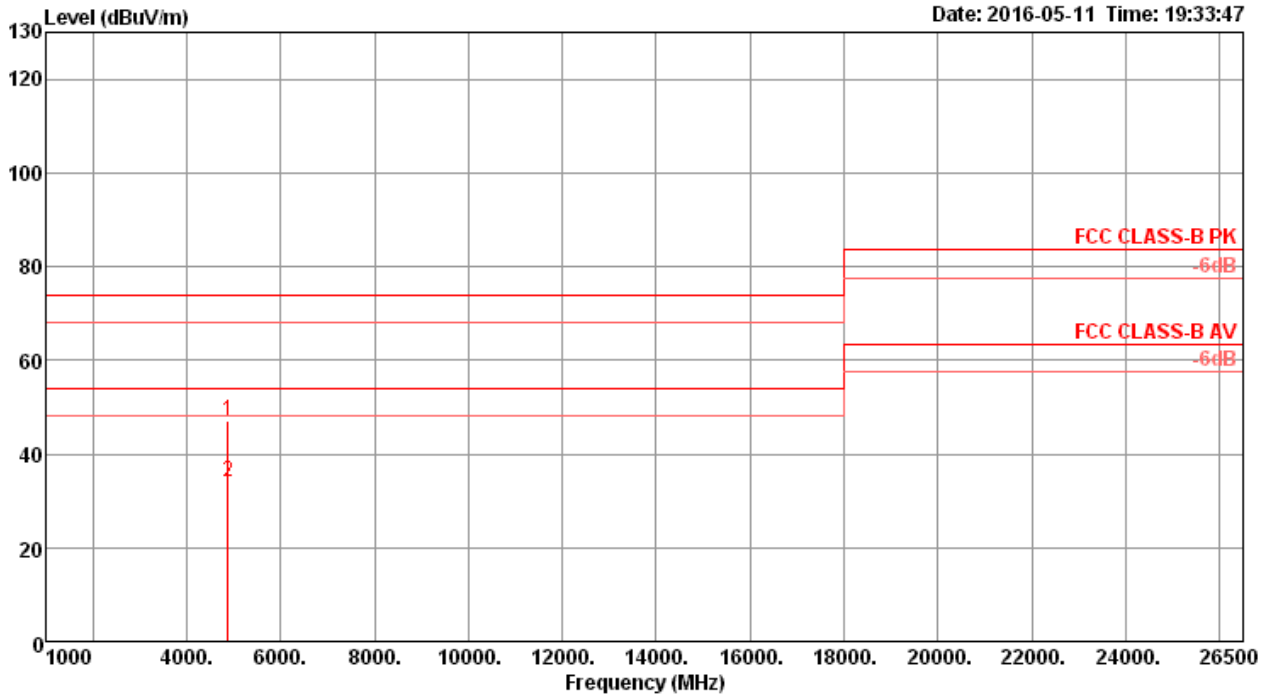
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4844.75 | 47.23 | 74.00 | -26.77 | 40.36 | 6.78 | 33.17 | 33.08 | 102 | 296 | Peak | VERTICAL |
| 2 | 4844.86 | 33.99 | 54.00 | -20.01 | 27.12 | 6.78 | 33.17 | 33.08 | 102 | 296 | Average | VERTICAL |

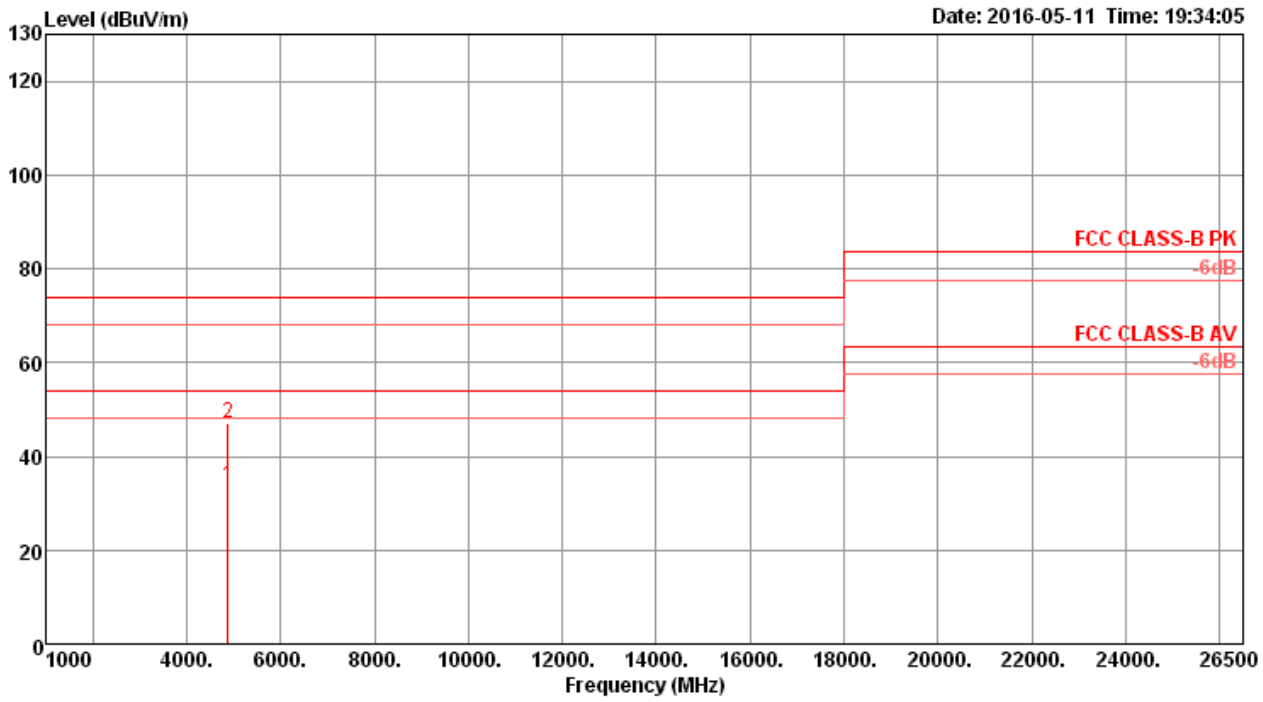
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.42 | 46.99 | 74.00 | -27.01 | 40.03 | 6.81 | 33.23 | 33.08 | 104 | 289 | Peak | HORIZONTAL |
| 2 | 4873.47 | 33.99 | 54.00 | -20.01 | 27.03 | 6.81 | 33.23 | 33.08 | 104 | 289 | Average | HORIZONTAL |

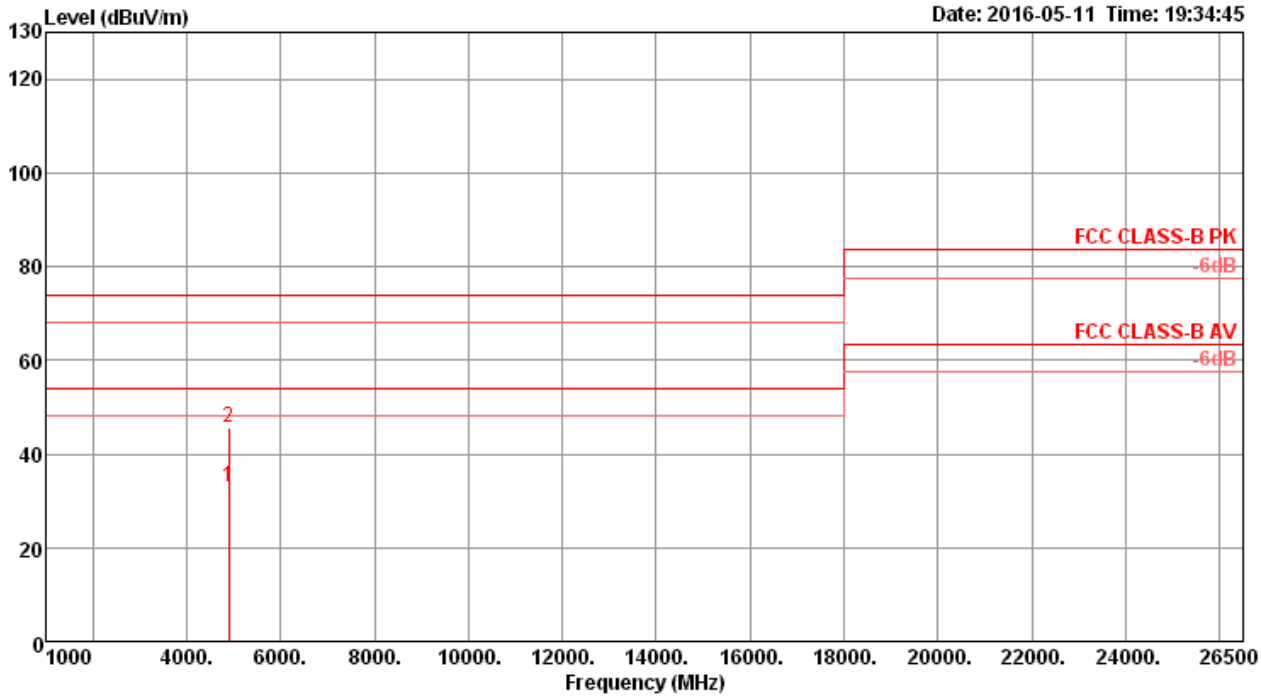
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4873.07 | 33.80 | 54.00 | -20.20 | 26.84 | 6.81 | 33.23 | 33.08 | 102 | 277 | Average | VERTICAL |
| 2 | 4873.36 | 47.24 | 74.00 | -26.76 | 40.28 | 6.81 | 33.23 | 33.08 | 102 | 277 | Peak | VERTICAL |

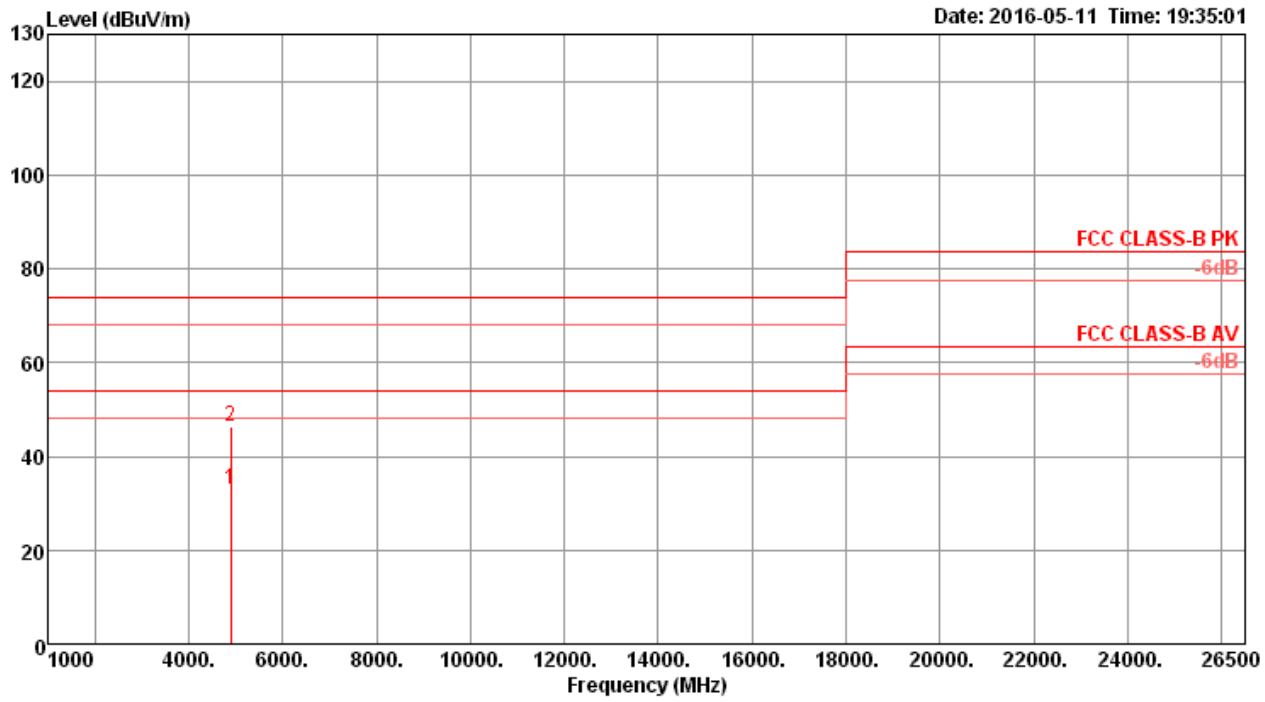
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss4 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 4 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4903.24 | 32.98 | 54.00 | -21.02 | 25.93 | 6.83 | 33.29 | 33.07 | 104 | 267 | Average | HORIZONTAL |
| 2 | 4904.82 | 45.75 | 74.00 | -28.25 | 38.70 | 6.83 | 33.29 | 33.07 | 104 | 267 | Peak | HORIZONTAL |

*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4903.35 | 32.96 | 54.00 | -21.04 | 25.91 | 6.83 | 33.29 | 33.07 | 103 | 253 | Average | VERTICAL |
| 2 | 4904.77 | 46.24 | 74.00 | -27.76 | 39.19 | 6.83 | 33.29 | 33.07 | 103 | 253 | Peak | VERTICAL |

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

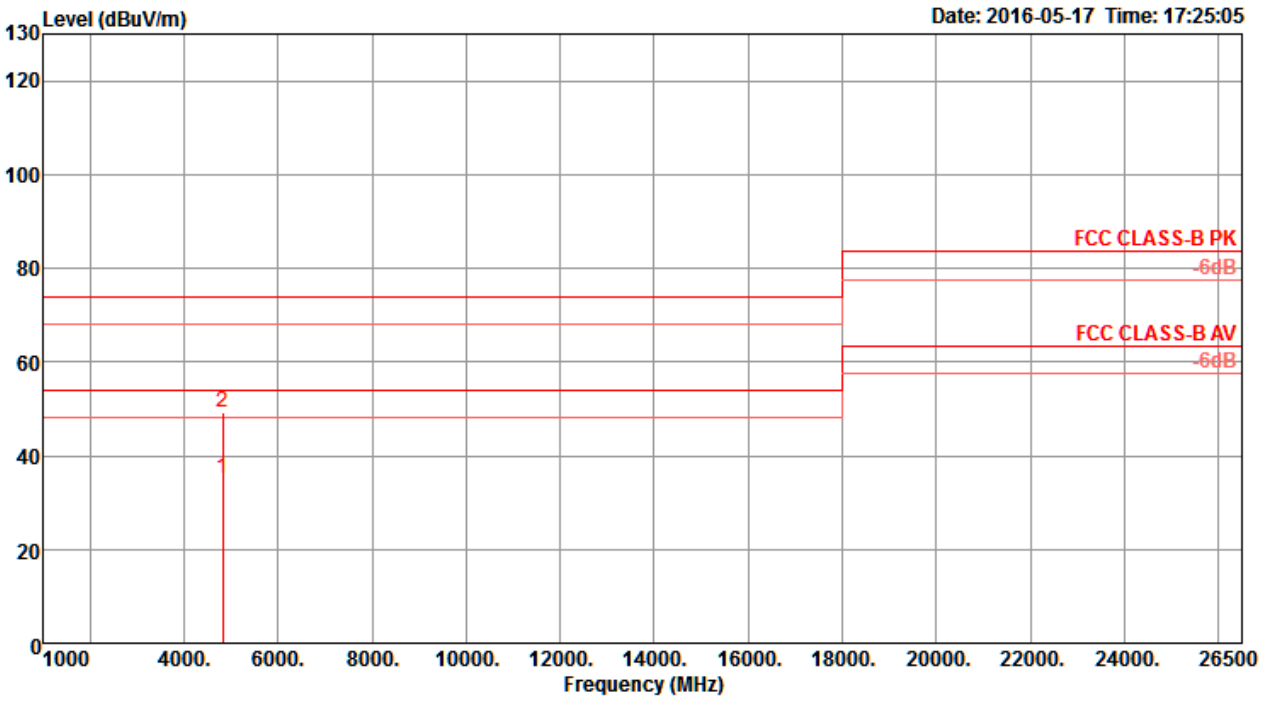
Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

<For Radio 1 Beamforming Mode>

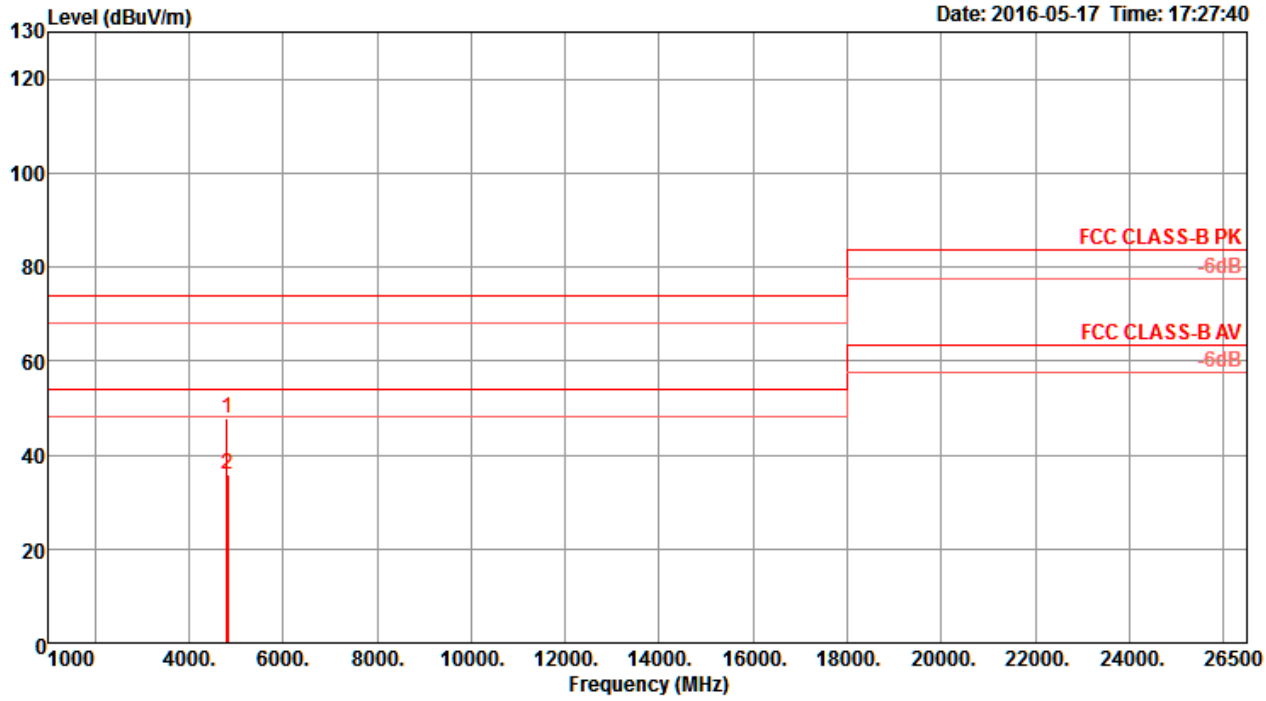
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizonta*




| | 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 | 4823.90 | 35.23 | 54.00 | -18.77 | 29.35 | 7.58 | 32.82 | 34.52 | 168 | 270 | Average | HORIZONTAL |
| 2 | 4826.18 | 49.23 | 74.00 | -24.77 | 43.33 | 7.58 | 32.84 | 34.52 | 168 | 270 | Peak | HORIZONTAL |

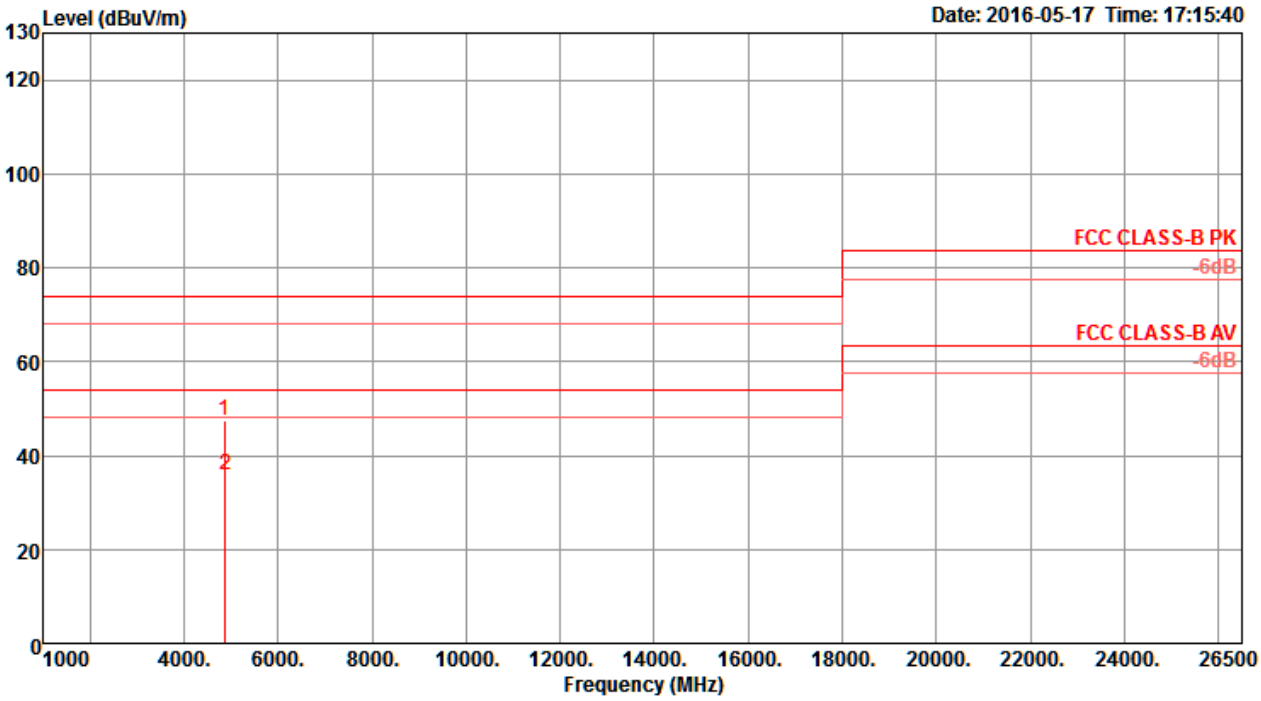
*Vertical*




| | 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 | 4814.87 | 47.81 | 74.00 | -26.19 | 41.93 | 7.58 | 32.82 | 34.52 | 274 | 264 | Peak | VERTICAL |
| 2 | 4824.26 | 35.88 | 54.00 | -18.12 | 30.00 | 7.58 | 32.82 | 34.52 | 274 | 264 | Average | VERTICAL |

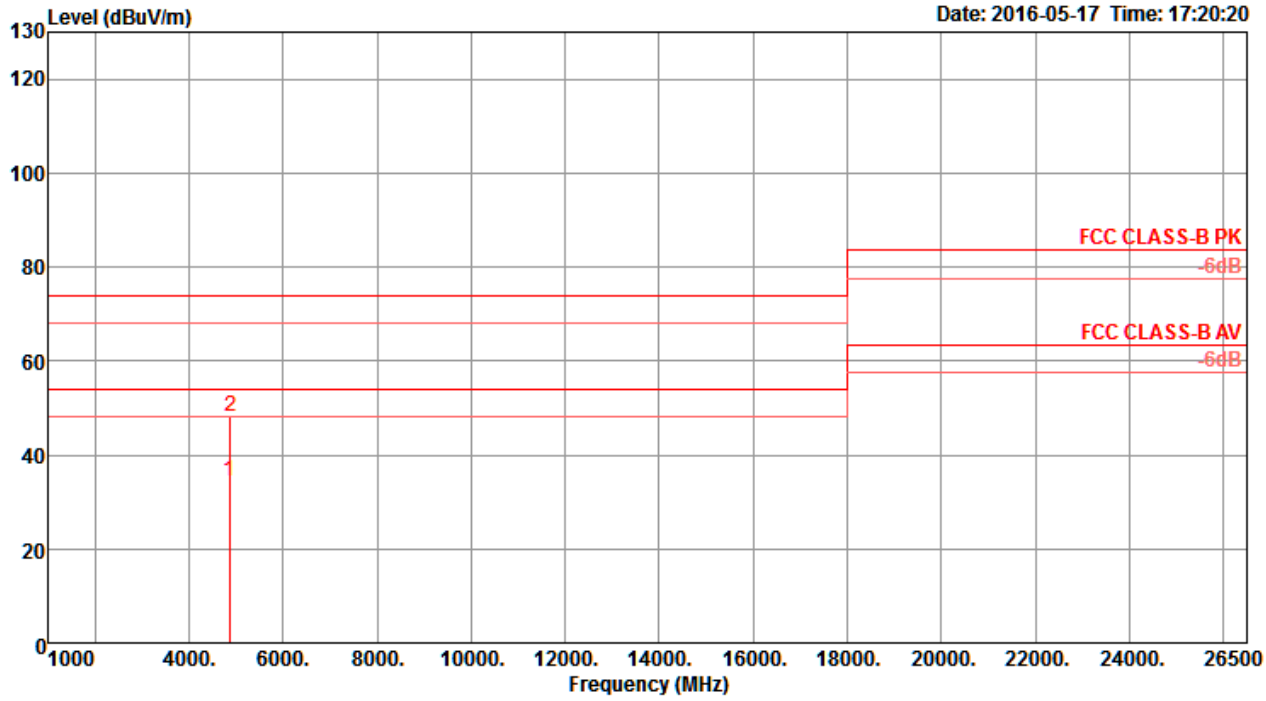
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4869.96 | 47.58 | 74.00 | -26.42 | 41.58 | 7.60 | 32.91 | 34.51 | 162 | 244 | Peak | HORIZONTAL |
| 2 | 4874.00 | 35.85 | 54.00 | -18.15 | 29.85 | 7.60 | 32.91 | 34.51 | 162 | 244 | Average | HORIZONTAL |

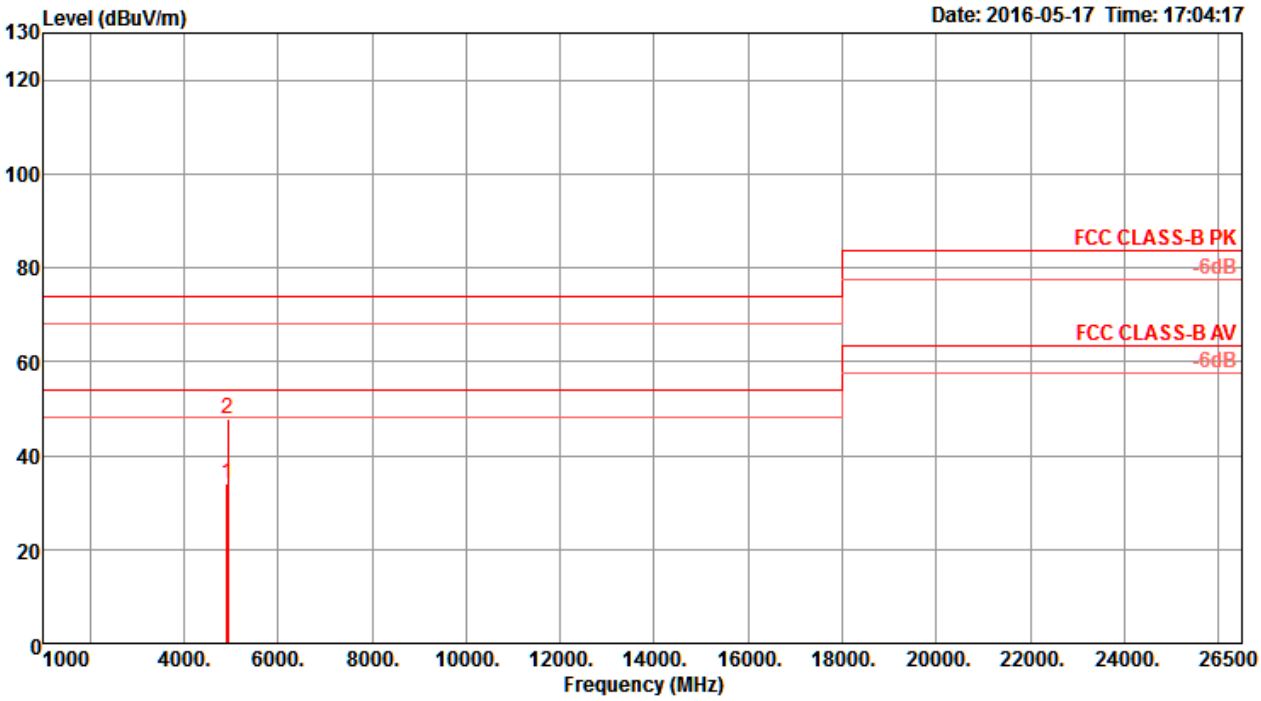
*Vertical*




| | 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 | 4868.33 | 34.26 | 54.00 | -19.74 | 28.26 | 7.60 | 32.91 | 34.51 | 146 | 225 | Average | VERTICAL |
| 2 | 4879.83 | 47.99 | 74.00 | -26.01 | 41.98 | 7.60 | 32.91 | 34.50 | 146 | 225 | Peak | VERTICAL |

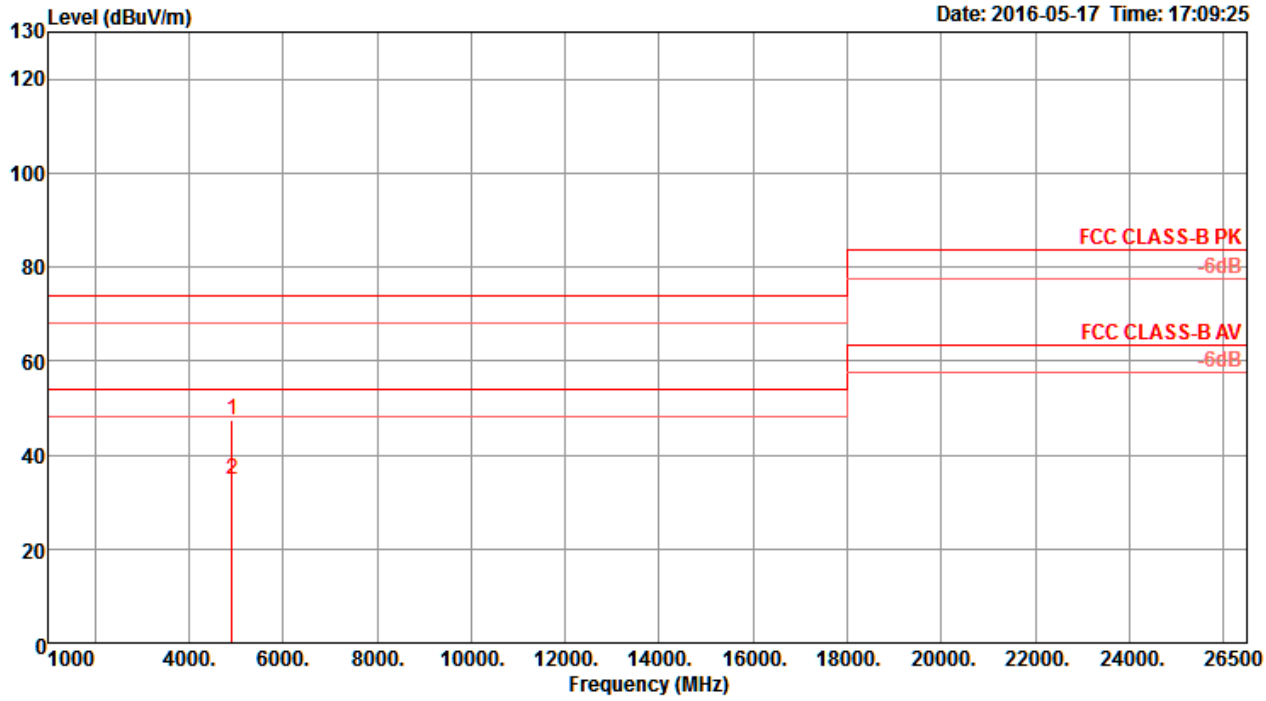
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4921.24 | 34.22 | 54.00 | -19.78 | 28.13 | 7.61 | 32.97 | 34.49 | 167 | 103 | Average | HORIZONTAL |
| 2 | 4929.51 | 47.91 | 74.00 | -26.09 | 41.79 | 7.62 | 32.99 | 34.49 | 167 | 103 | Peak | HORIZONTAL |

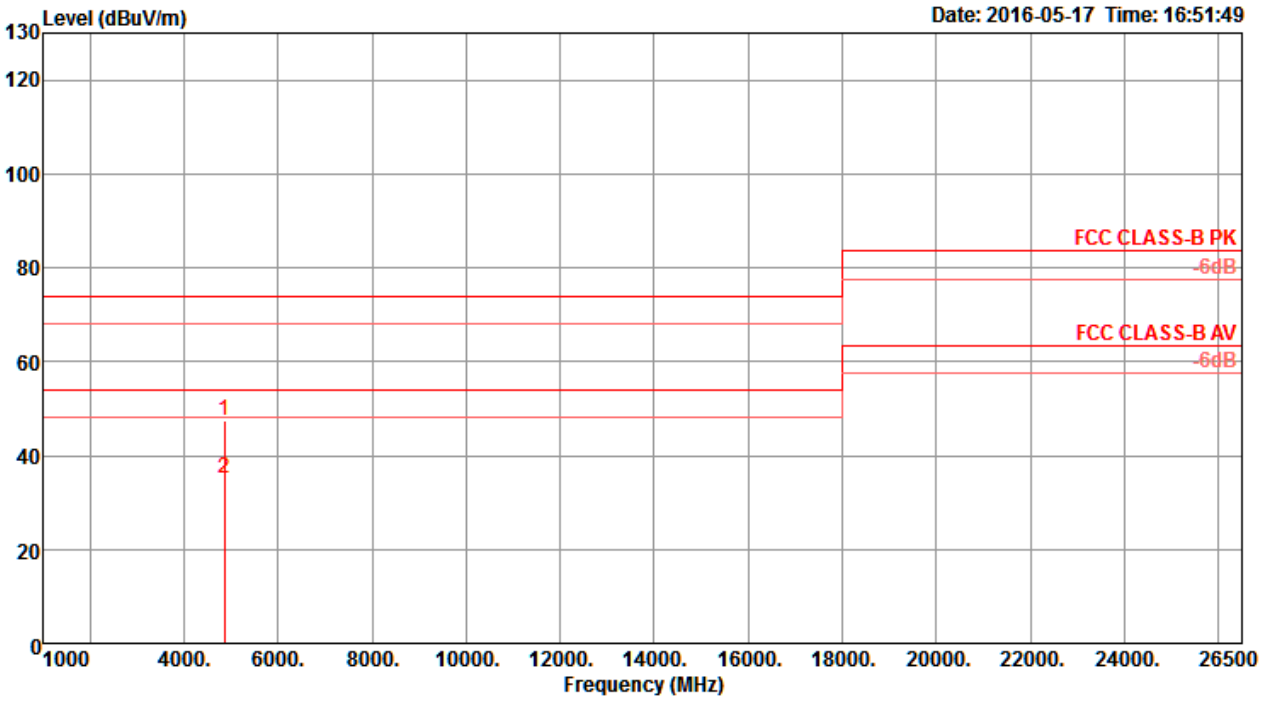
*Vertical*




| | 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 | 4923.17 | 47.27 | 74.00 | -26.73 | 41.18 | 7.61 | 32.97 | 34.49 | 194 | 222 | Peak | VERTICAL |
| 2 | 4924.06 | 34.83 | 54.00 | -19.17 | 28.71 | 7.62 | 32.99 | 34.49 | 194 | 222 | Average | VERTICAL |

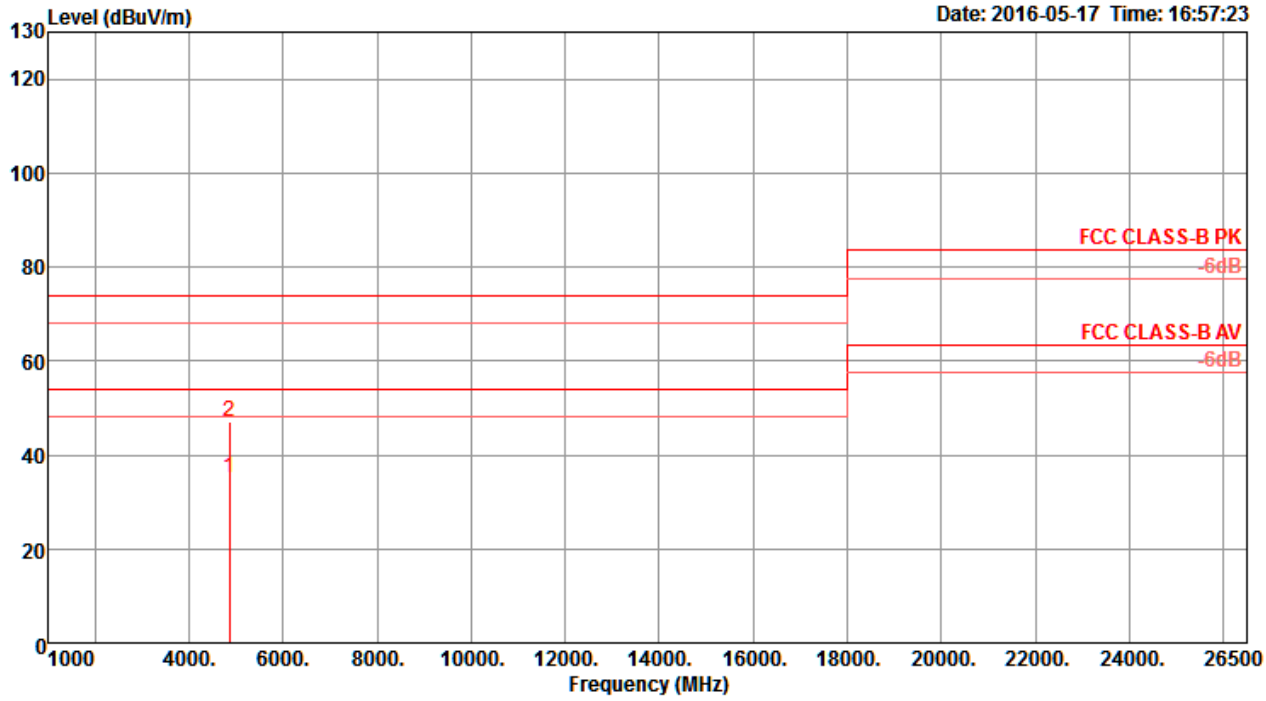
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4855.35 | 47.30 | 74.00 | -26.70 | 41.34 | 7.59 | 32.88 | 34.51 | 196 | 216 | Peak | HORIZONTAL |
| 2 | 4857.78 | 35.09 | 54.00 | -18.91 | 29.13 | 7.59 | 32.88 | 34.51 | 196 | 216 | Average | HORIZONTAL |

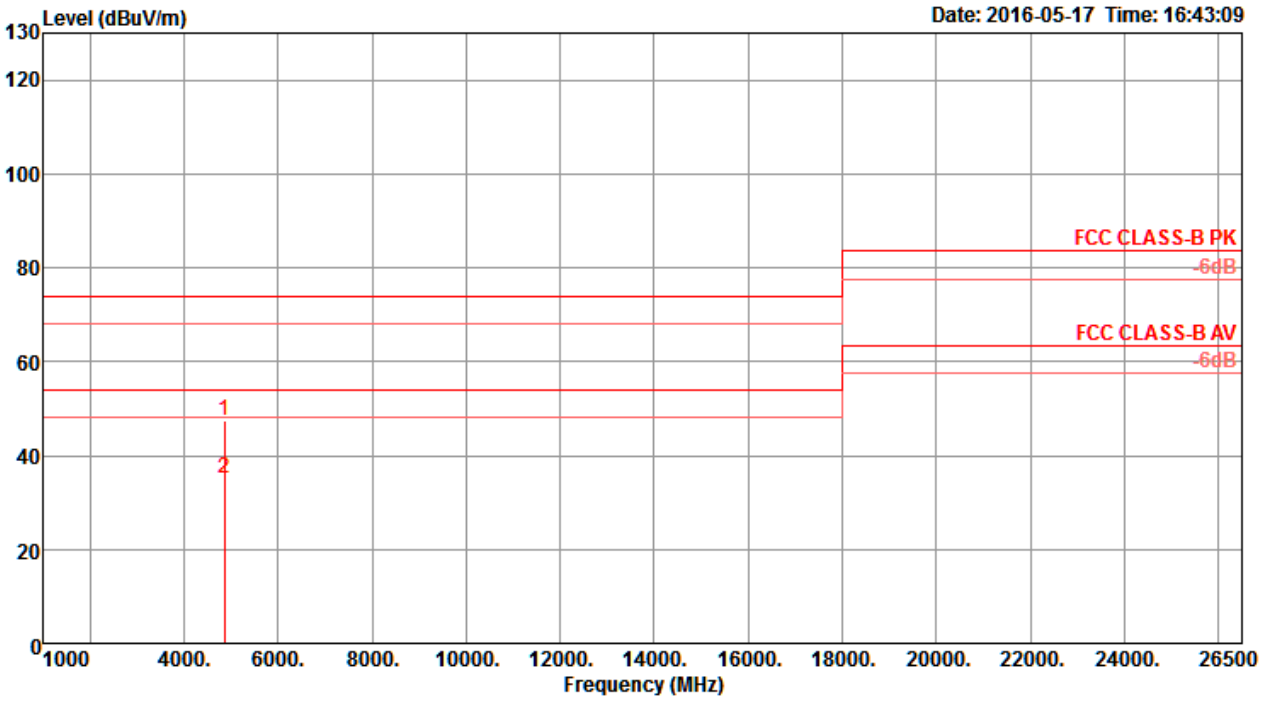
*Vertical*




| | 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 | 4860.09 | 35.03 | 54.00 | -18.97 | 29.07 | 7.59 | 32.88 | 34.51 | 258 | 213 | Average | VERTICAL |
| 2 | 4863.55 | 47.02 | 74.00 | -26.98 | 41.06 | 7.59 | 32.88 | 34.51 | 258 | 213 | Peak | VERTICAL |

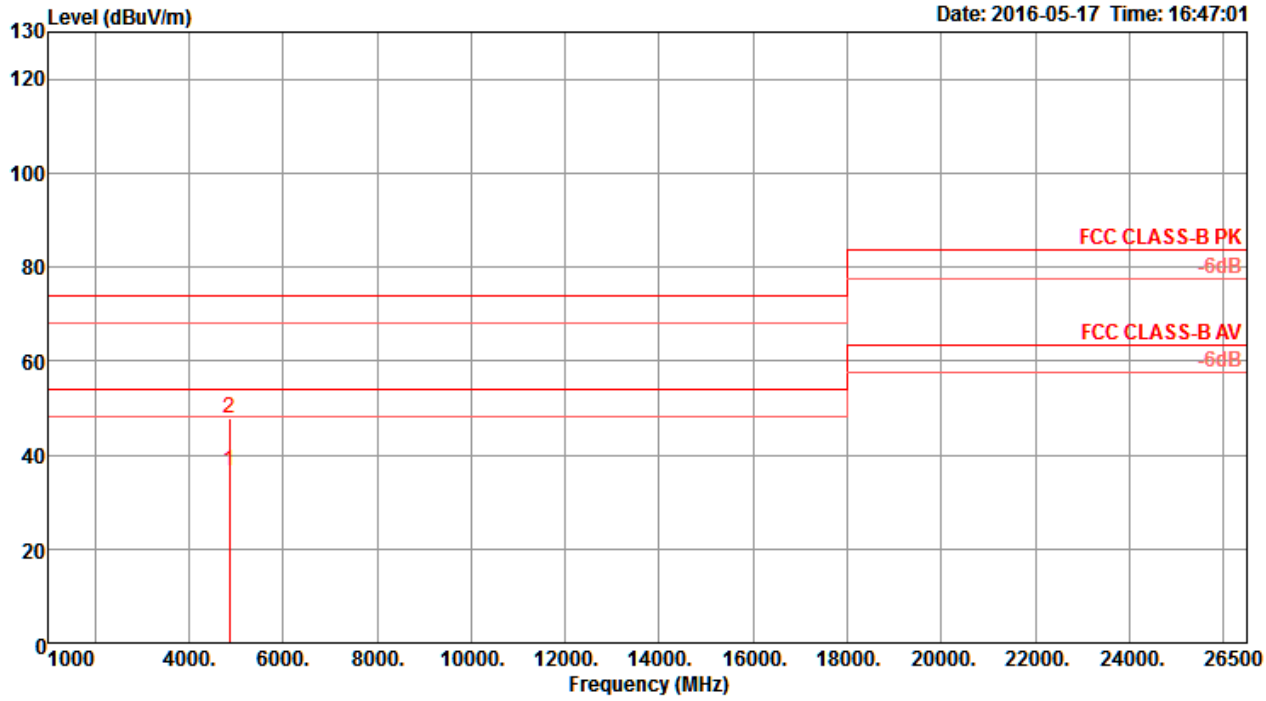
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4857.40 | 47.58 | 74.00 | -26.42 | 41.62 | 7.59 | 32.88 | 34.51 | 114 | 215 | Peak | HORIZONTAL |
| 2 | 4860.54 | 35.16 | 54.00 | -18.84 | 29.20 | 7.59 | 32.88 | 34.51 | 114 | 215 | Average | HORIZONTAL |

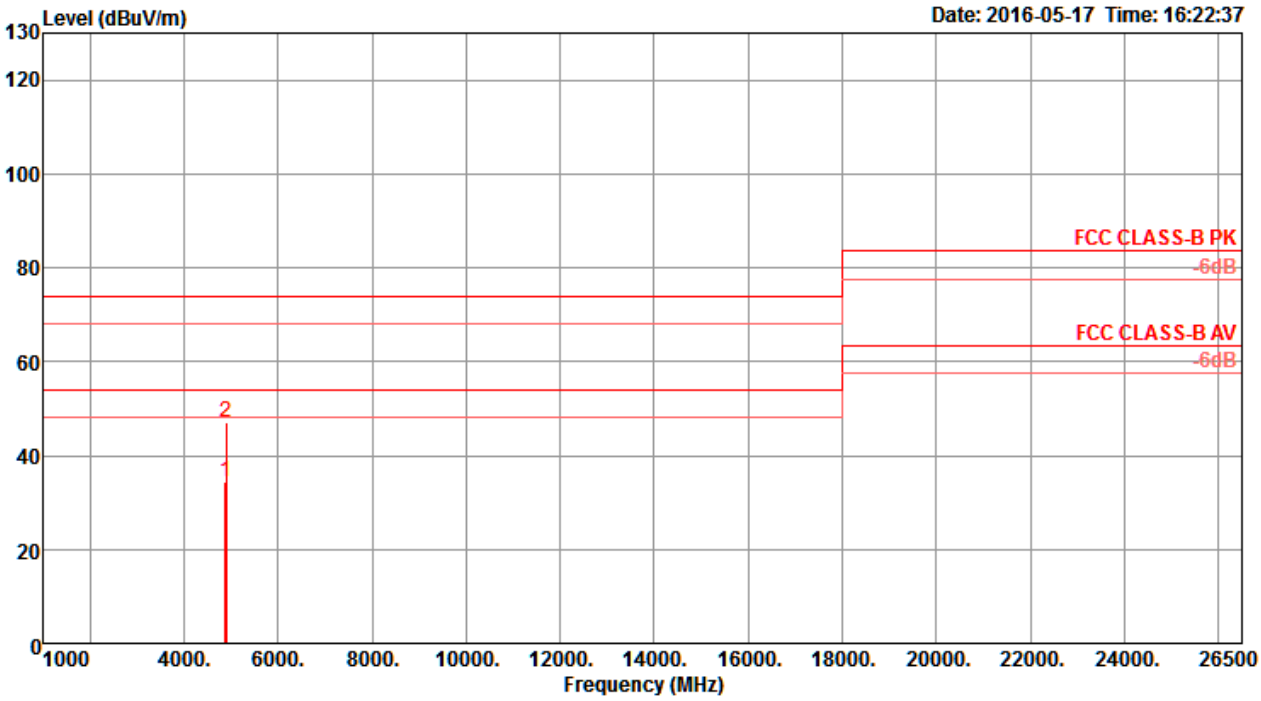
*Vertical*




| | 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 | 4854.06 | 36.64 | 54.00 | -17.36 | 30.68 | 7.59 | 32.88 | 34.51 | 209 | 275 | Average | VERTICAL |
| 2 | 4864.19 | 47.73 | 74.00 | -26.27 | 41.77 | 7.59 | 32.88 | 34.51 | 209 | 275 | Peak | VERTICAL |

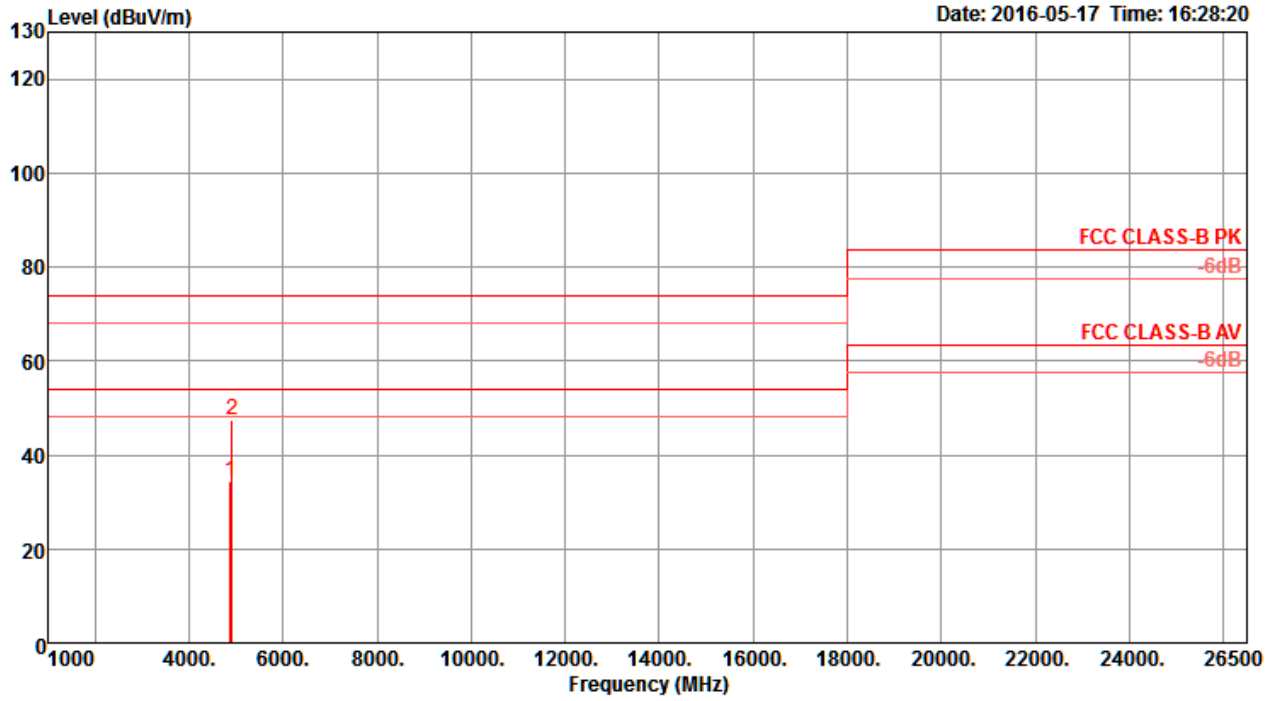
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4887.78 | 34.39 | 54.00 | -19.61 | 28.36 | 7.60 | 32.93 | 34.50 | 288 | 174 | Average | HORIZONTAL |
| 2 | 4895.92 | 47.19 | 74.00 | -26.81 | 41.13 | 7.61 | 32.95 | 34.50 | 288 | 174 | Peak | HORIZONTAL |

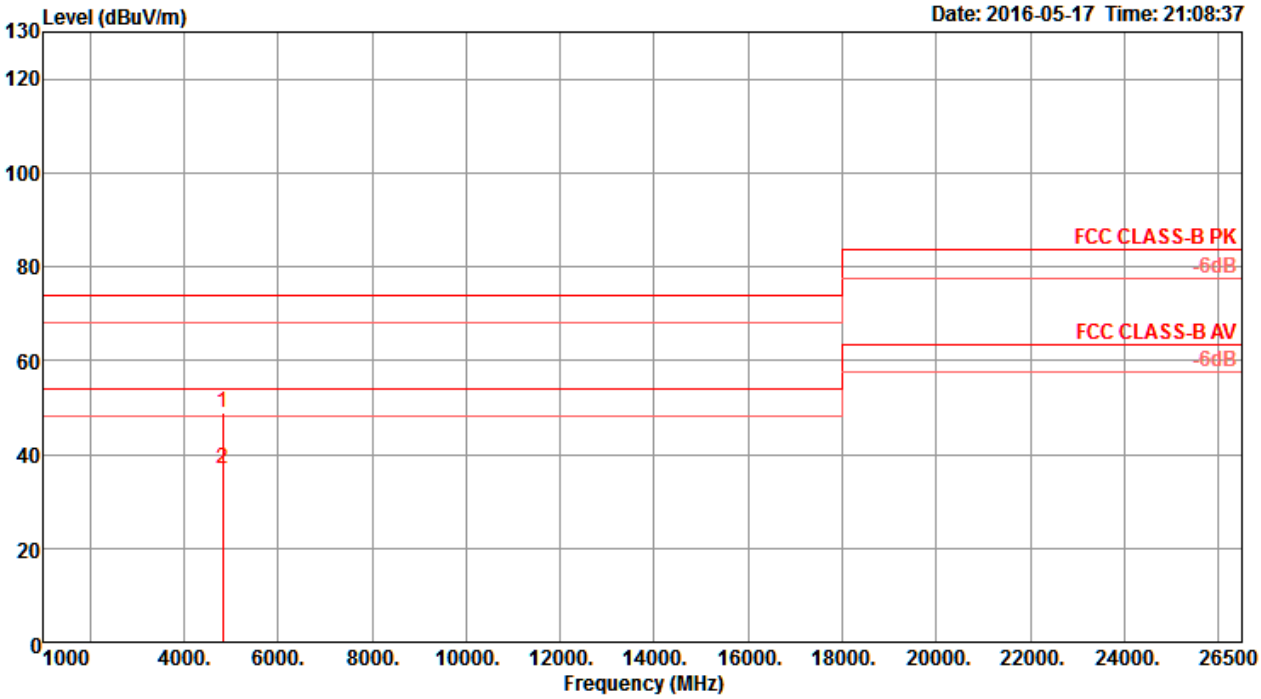
*Vertical*




| | 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 | 4884.00 | 34.24 | 54.00 | -19.76 | 28.21 | 7.60 | 32.93 | 34.50 | 268 | 200 | Average | VERTICAL |
| 2 | 4919.90 | 47.55 | 74.00 | -26.45 | 41.46 | 7.61 | 32.97 | 34.49 | 268 | 200 | Peak | VERTICAL |

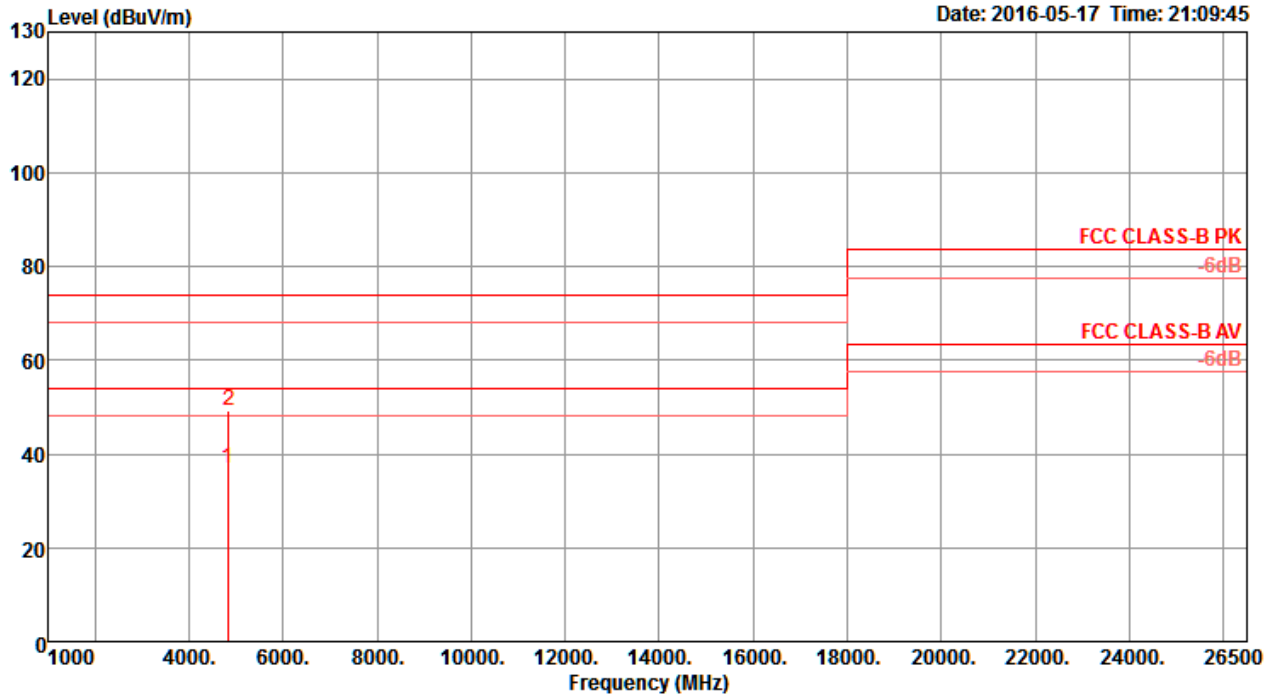
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4820.31 | 48.81 | 74.00 | -25.19 | 42.93 | 7.58 | 32.82 | 34.52 | 118 | 114 | Peak | HORIZONTAL |
| 2 | 4823.60 | 37.11 | 54.00 | -16.89 | 31.23 | 7.58 | 32.82 | 34.52 | 118 | 114 | Average | HORIZONTAL |

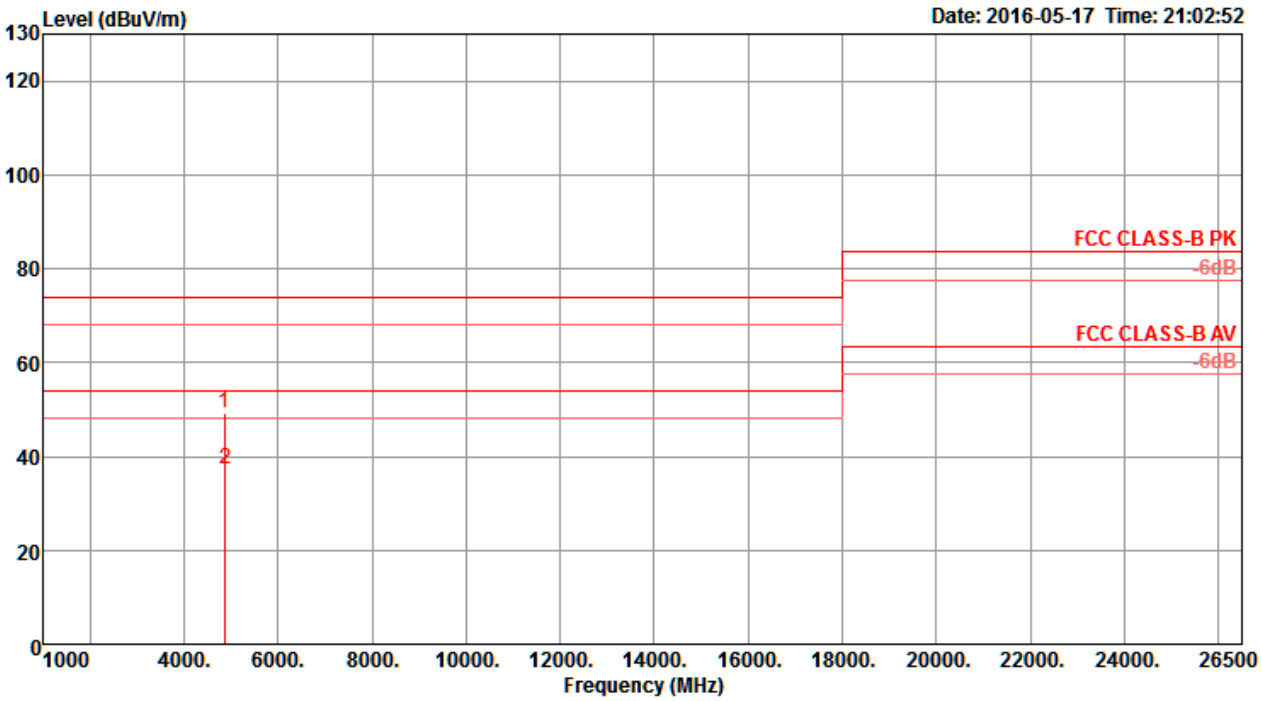
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4832.25 | 37.05 | 54.00 | -16.95 | 31.15 | 7.58 | 32.84 | 34.52 | 124 | 341 | Average | VERTICAL |
| 2 | 4838.90 | 49.16 | 74.00 | -24.84 | 43.26 | 7.58 | 32.84 | 34.52 | 124 | 341 | Peak | VERTICAL |

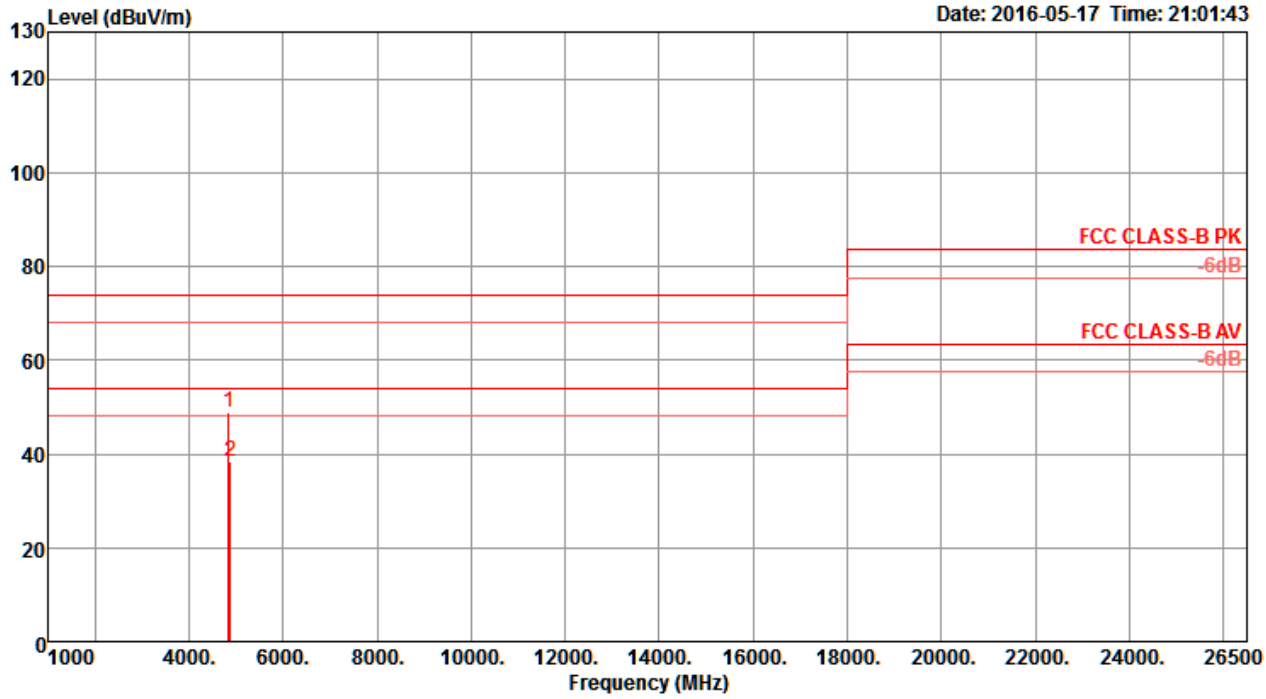
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4859.98 | 49.13 | 74.00 | -24.87 | 43.17 | 7.59 | 32.88 | 34.51 | 147 | 102 | Peak | HORIZONTAL |
| 2 | 4874.00 | 37.43 | 54.00 | -16.57 | 31.43 | 7.60 | 32.91 | 34.51 | 147 | 102 | Average | HORIZONTAL |

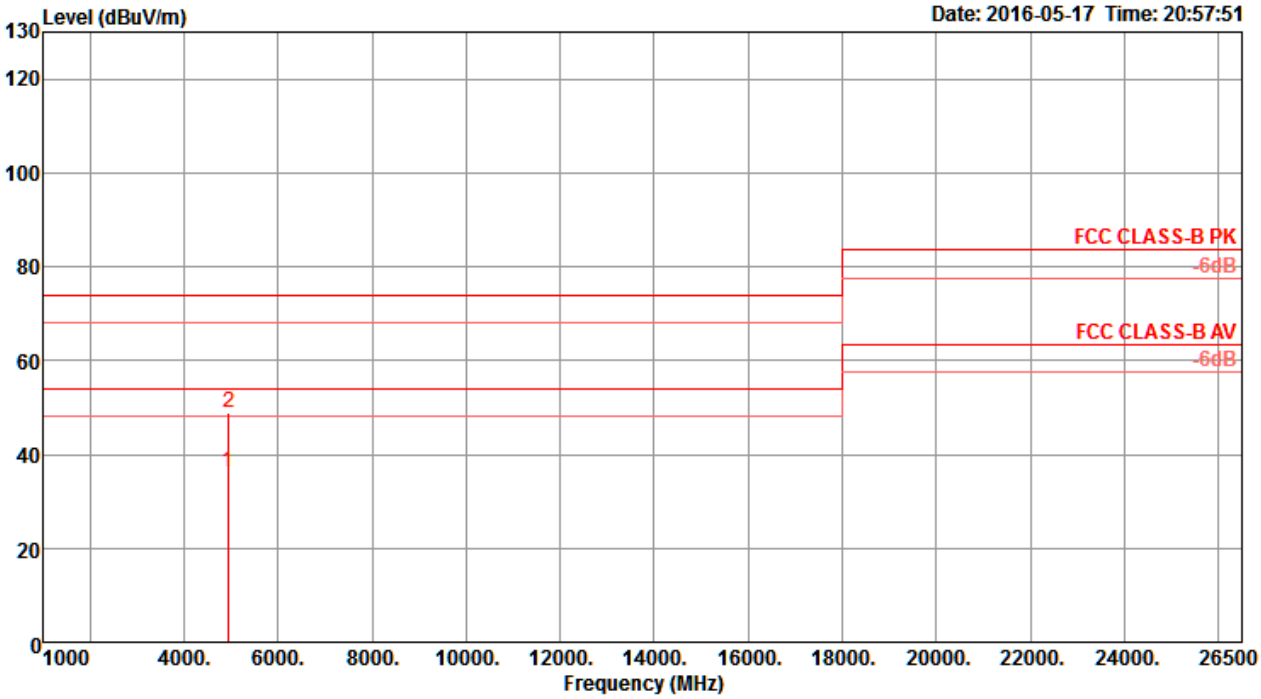
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4852.13 | 48.91 | 74.00 | -25.09 | 42.97 | 7.59 | 32.86 | 34.51 | 144 | 338 | Peak | VERTICAL |
| 2 | 4873.92 | 38.49 | 54.00 | -15.51 | 32.49 | 7.60 | 32.91 | 34.51 | 144 | 338 | Average | VERTICAL |

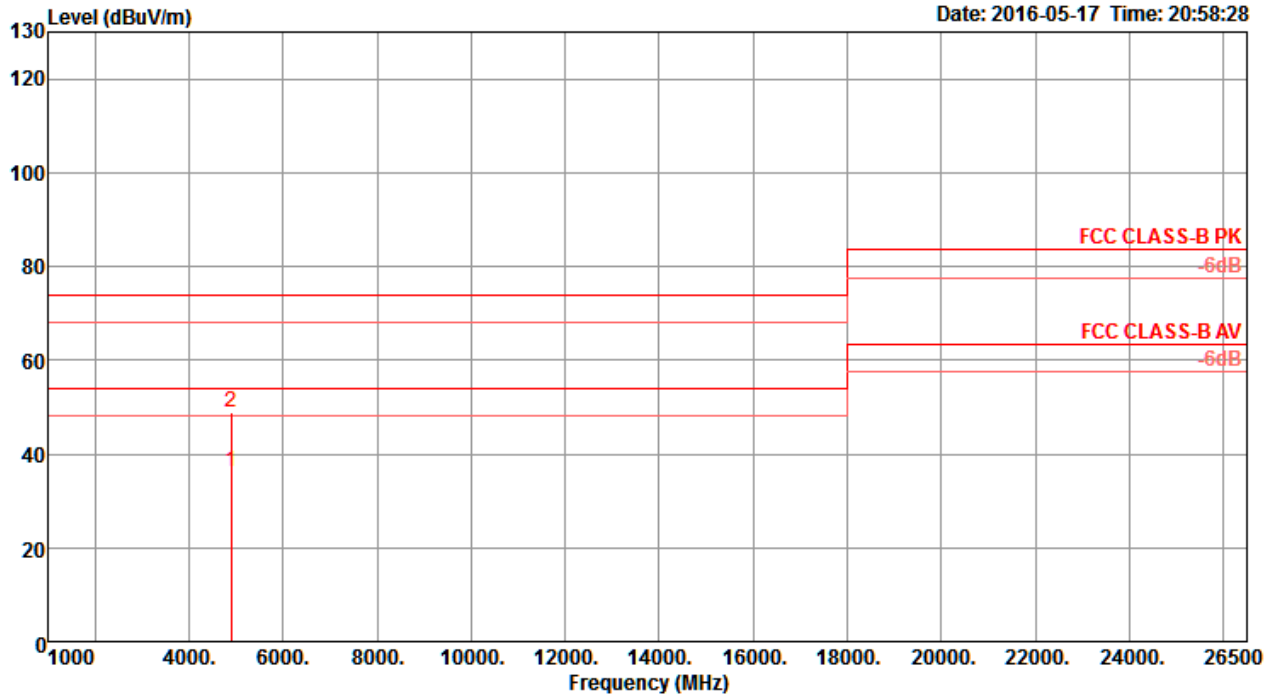
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4935.30 | 36.28 | 54.00 | -17.72 | 30.16 | 7.62 | 32.99 | 34.49 | 146 | 305 | Average | HORIZONTAL |
| 2 | 4948.68 | 48.71 | 74.00 | -25.29 | 42.56 | 7.62 | 33.01 | 34.48 | 146 | 305 | Peak | HORIZONTAL |

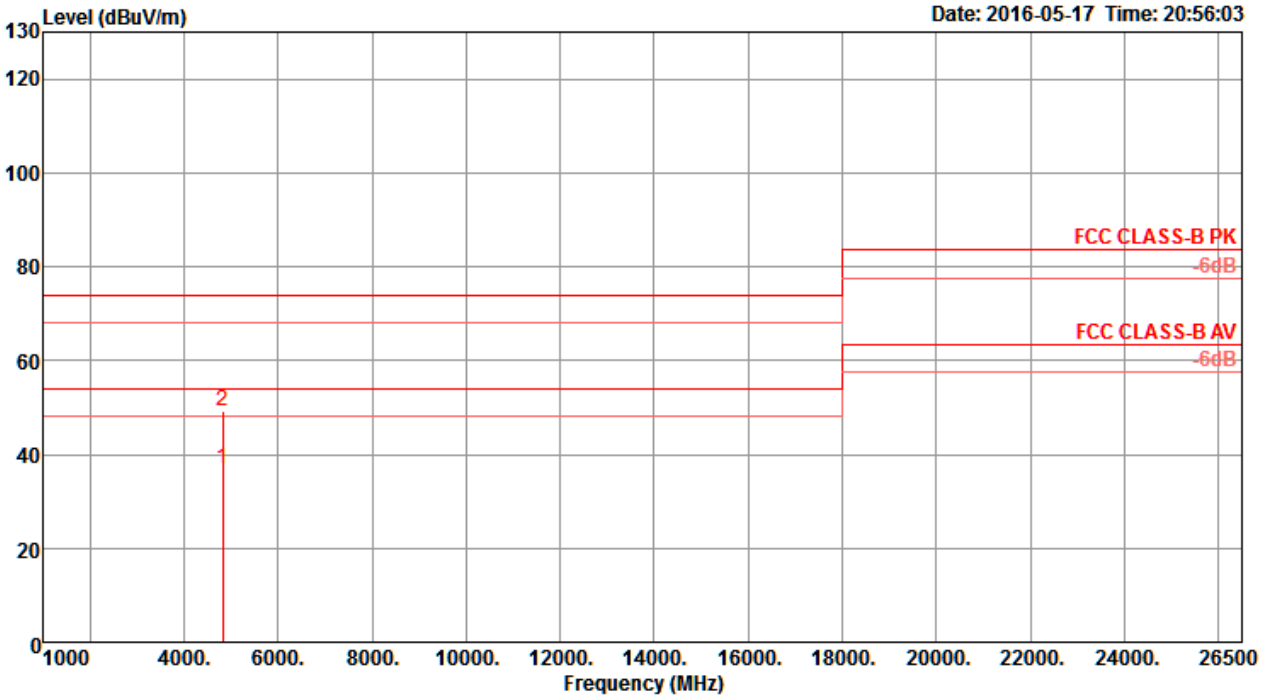
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4899.16 | 36.21 | 54.00 | -17.79 | 30.15 | 7.61 | 32.95 | 34.50 | 148 | 204 | Average | VERTICAL |
| 2 | 4905.17 | 48.89 | 74.00 | -25.11 | 42.83 | 7.61 | 32.95 | 34.50 | 148 | 204 | Peak | VERTICAL |

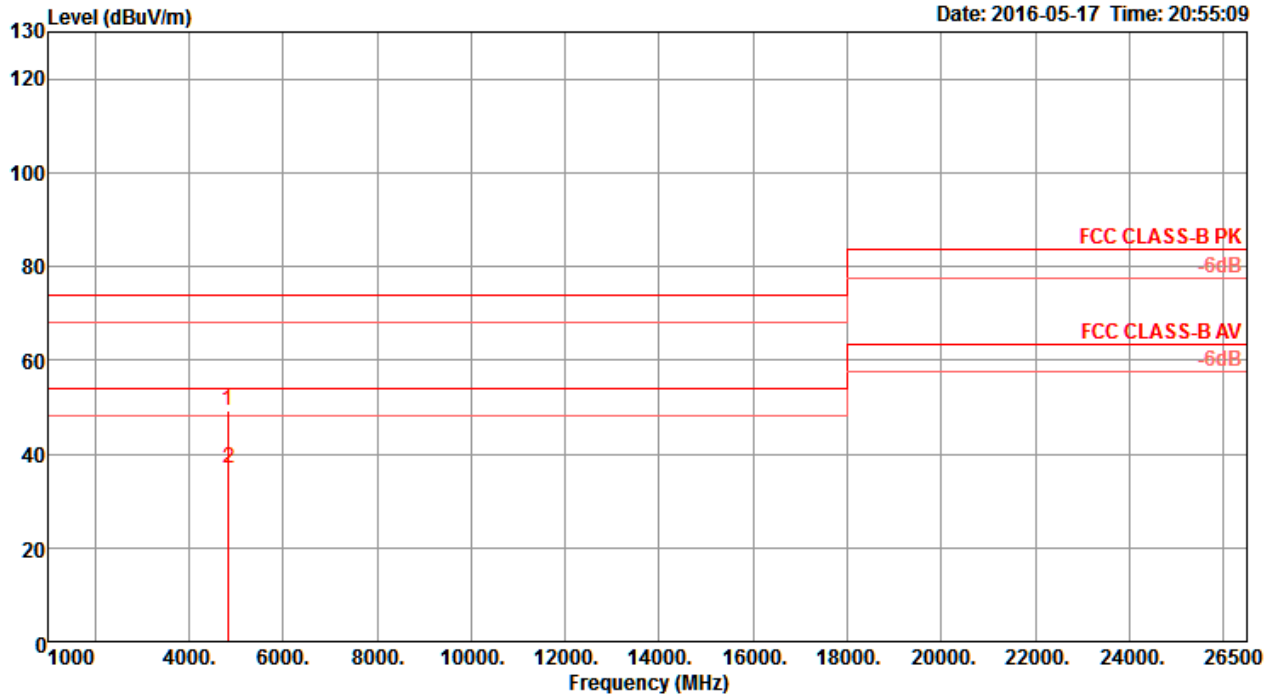
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4820.04 | 37.00 | 54.00 | -17.00 | 31.12 | 7.58 | 32.82 | 34.52 | 142 | 91 | Average | HORIZONTAL |
| 2 | 4825.33 | 49.21 | 74.00 | -24.79 | 43.31 | 7.58 | 32.84 | 34.52 | 142 | 91 | Peak | HORIZONTAL |

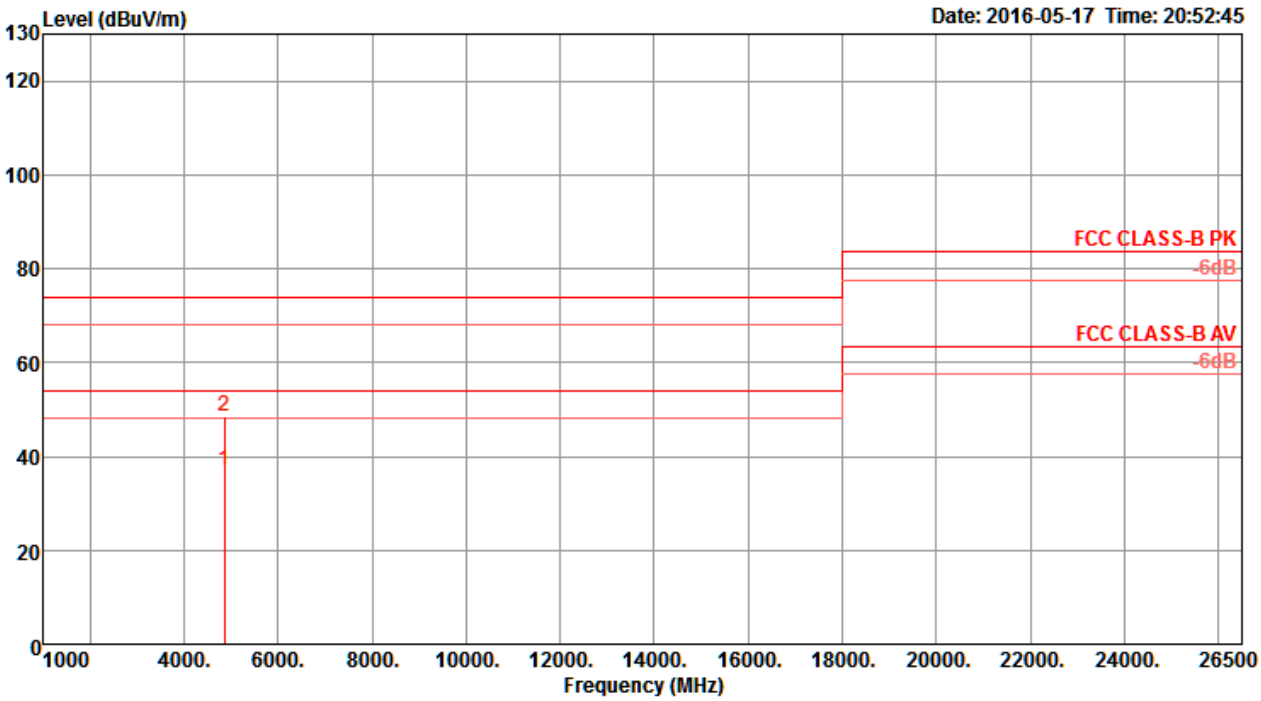
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4821.32 | 49.35 | 74.00 | -24.65 | 43.47 | 7.58 | 32.82 | 34.52 | 151 | 294 | Peak | VERTICAL |
| 2 | 4837.35 | 36.99 | 54.00 | -17.01 | 31.09 | 7.58 | 32.84 | 34.52 | 151 | 294 | Average | VERTICAL |

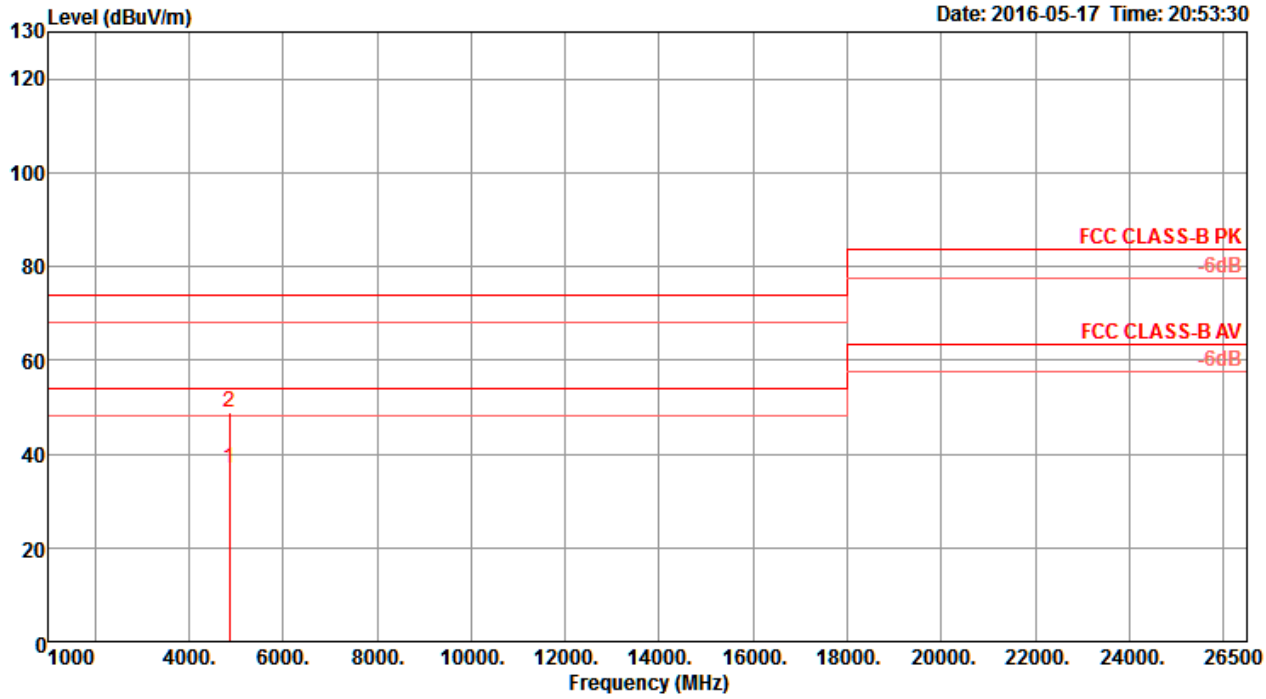
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4855.25 | 37.07 | 54.00 | -16.93 | 31.11 | 7.59 | 32.88 | 34.51 | 148 | 334 | Average | HORIZONTAL |
| 2 | 4857.65 | 48.44 | 74.00 | -25.56 | 42.48 | 7.59 | 32.88 | 34.51 | 148 | 334 | Peak | HORIZONTAL |

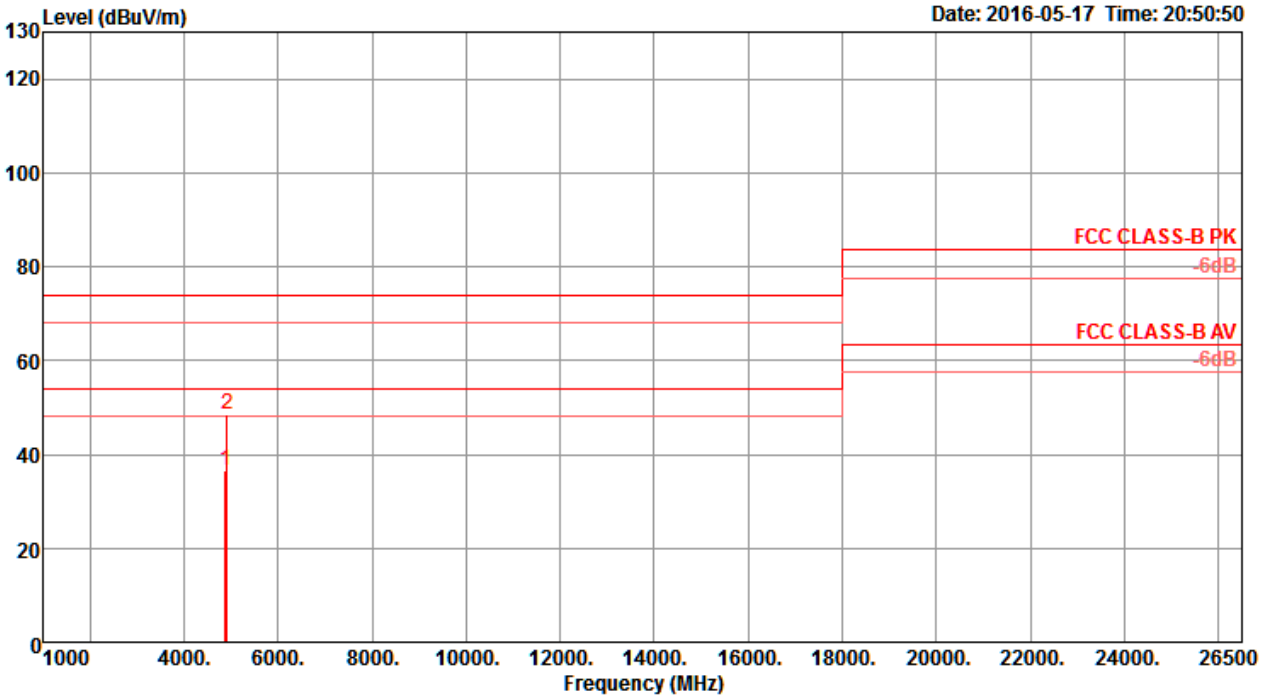
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4852.77 | 37.01 | 54.00 | -16.99 | 31.07 | 7.59 | 32.86 | 34.51 | 146 | 184 | Average | VERTICAL |
| 2 | 4857.97 | 49.00 | 74.00 | -25.00 | 43.04 | 7.59 | 32.88 | 34.51 | 146 | 184 | Peak | VERTICAL |

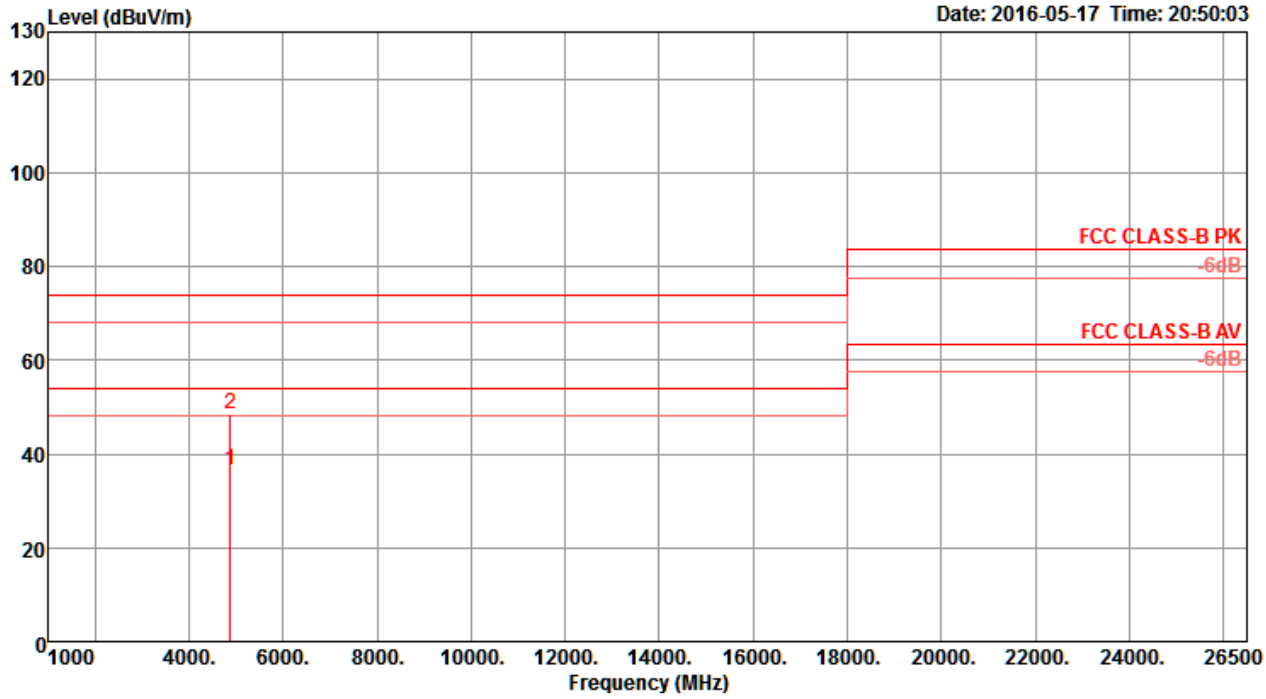
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss2 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*Horizontal*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4882.69 | 36.49 | 54.00 | -17.51 | 30.46 | 7.60 | 32.93 | 34.50 | 152 | 78 | Average | HORIZONTAL |
| 2 | 4922.67 | 48.40 | 74.00 | -25.60 | 42.31 | 7.61 | 32.97 | 34.49 | 152 | 78 | Peak | HORIZONTAL |

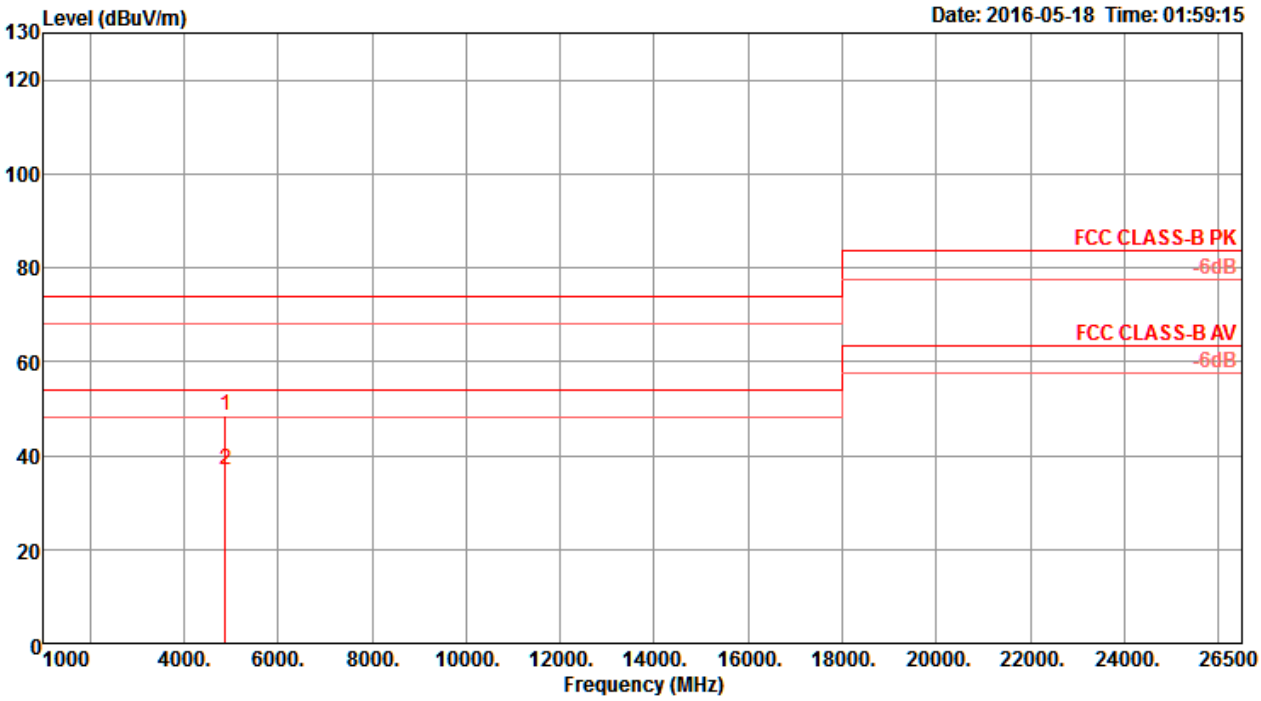
*Vertical*




| | Freq | Level | Limit Line | Over Limit | Read Level | Cable Loss | Antenna Factor | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | | |
| 1 | 4883.73 | 36.57 | 54.00 | -17.43 | 30.54 | 7.60 | 32.93 | 34.50 | 150 | 228 | Average | VERTICAL |
| 2 | 4884.21 | 48.58 | 74.00 | -25.42 | 42.55 | 7.60 | 32.93 | 34.50 | 150 | 228 | Peak | VERTICAL |

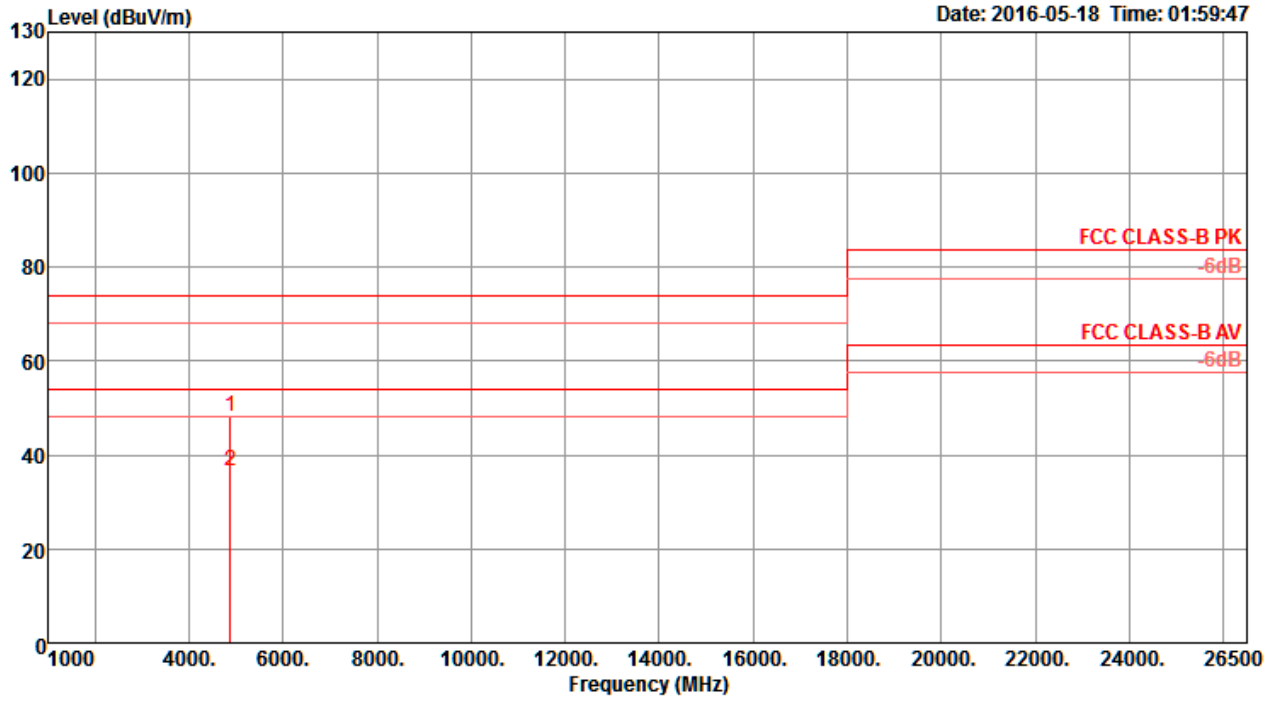
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss3 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4883.89 | 48.56 | 74.00 | -25.44 | 42.53 | 7.60 | 32.93 | 34.50 | 155 | 130 | Peak | HORIZONTAL |
| 2 | 4883.97 | 36.89 | 54.00 | -17.11 | 30.86 | 7.60 | 32.93 | 34.50 | 155 | 130 | Average | HORIZONTAL |

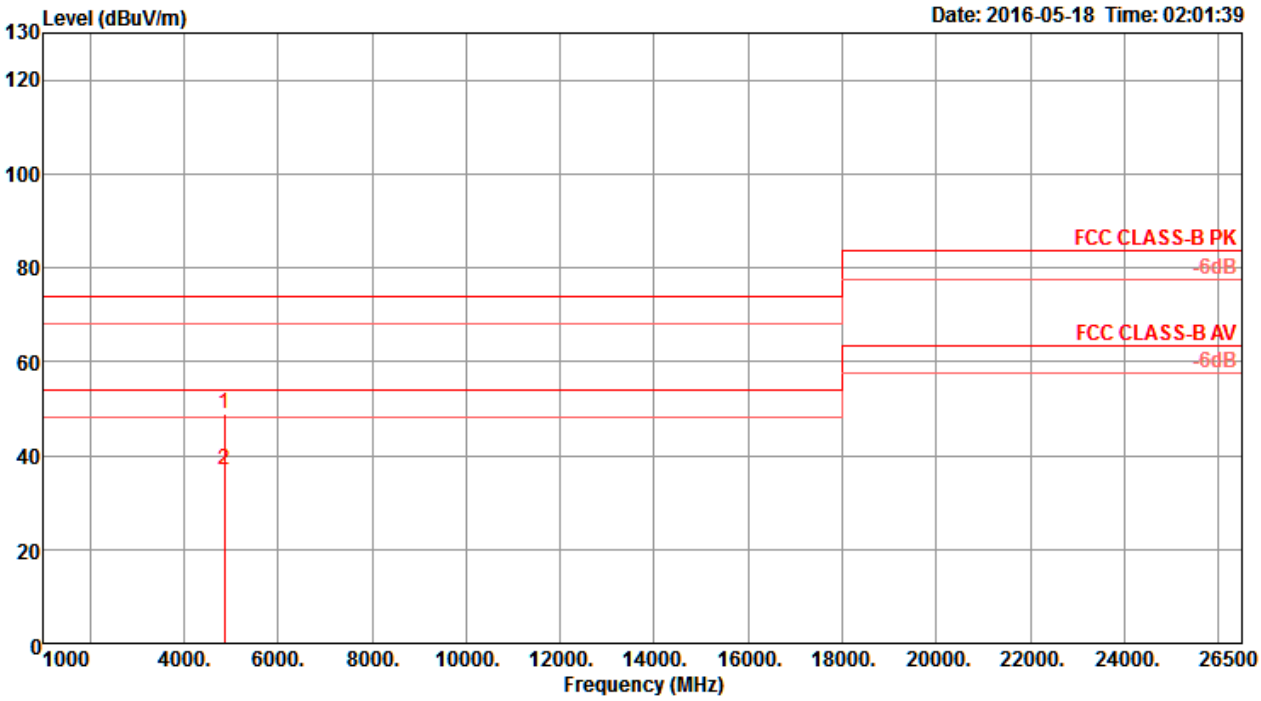
*Vertical*




| | 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 | 4883.09 | 48.30 | 74.00 | -25.70 | 42.27 | 7.60 | 32.93 | 34.50 | 312 | 144 | Peak | VERTICAL |
| 2 | 4883.41 | 36.48 | 54.00 | -17.52 | 30.45 | 7.60 | 32.93 | 34.50 | 312 | 144 | Average | VERTICAL |

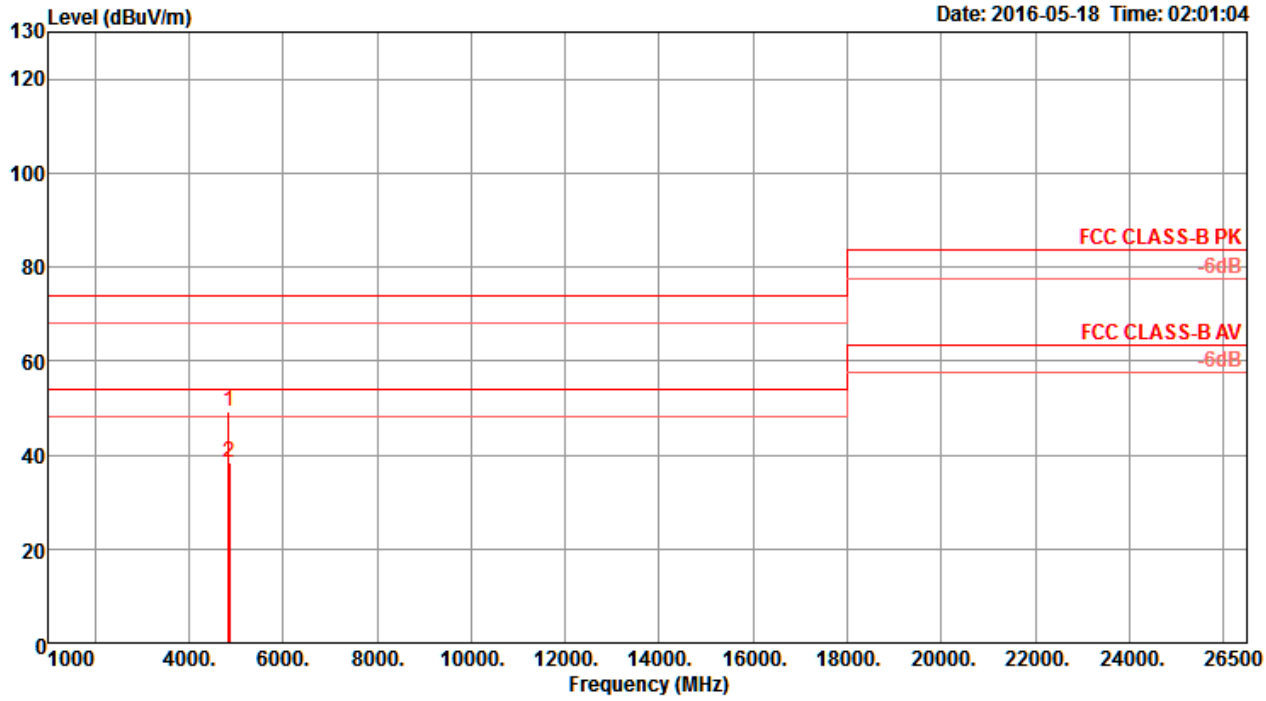
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss3 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4852.21 | 48.86 | 74.00 | -25.14 | 42.92 | 7.59 | 32.86 | 34.51 | 214 | 153 | Peak | HORIZONTAL |
| 2 | 4855.89 | 37.08 | 54.00 | -16.92 | 31.12 | 7.59 | 32.88 | 34.51 | 214 | 153 | Average | HORIZONTAL |

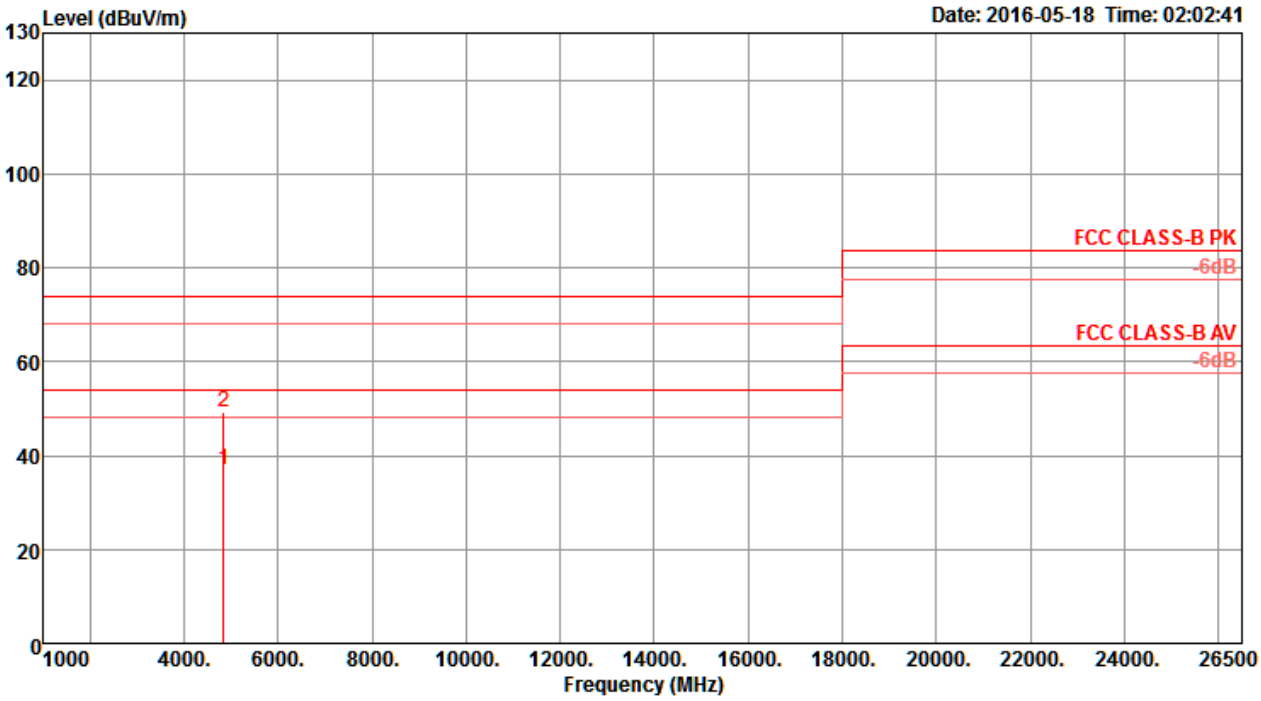
*Vertical*




| | 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 | 4852.05 | 49.18 | 74.00 | -24.82 | 43.24 | 7.59 | 32.86 | 34.51 | 124 | 150 | Peak | VERTICAL |
| 2 | 4853.97 | 38.30 | 54.00 | -15.70 | 32.34 | 7.59 | 32.88 | 34.51 | 124 | 150 | Average | VERTICAL |

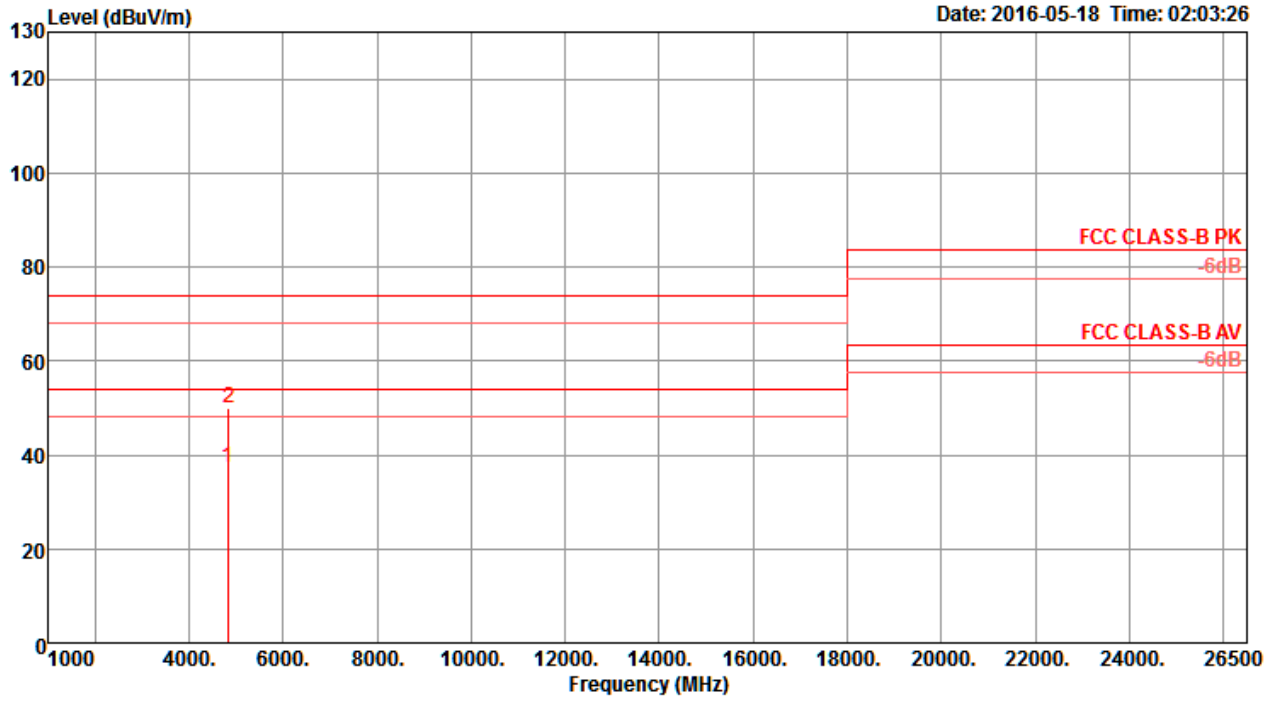
| Temperature | 22°C | Humidity | 56% |
|---|---|---|---|
| Test Engineer | Nyle Chang & Peter Wu & Gary Chu & DK Chang & Eddie Weng & Stim Song & Brain Sun | Configurations | IEEE 802. 11ac MCS0/Nss3 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4 |
| Test Mode | Mode 1 | | |

*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 | 4834.06 | 37.10 | 54.00 | -16.90 | 31.20 | 7.58 | 32.84 | 34.52 | 318 | 155 | Average | HORIZONTAL |
| 2 | 4835.83 | 49.33 | 74.00 | -24.67 | 43.43 | 7.58 | 32.84 | 34.52 | 318 | 155 | 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 | 4826.37 | 37.17 | 54.00 | -16.83 | 31.27 | 7.58 | 32.84 | 34.52 | 89 | 144 | Average | VERTICAL |
| 2 | 4834.31 | 50.10 | 74.00 | -23.90 | 44.20 | 7.58 | 32.84 | 34.52 | 89 | 144 | Peak | VERTICAL |