

4.3 OUTPUT POWER MEASUREMENT

4.3.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3) and RSS-247 section 6.2.1(1), section 6.2.2(1), section 6.2.3(1) and section 6.2.4(1)

UNII-1 :

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW(24 dBm) and The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz ,provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. and The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \text{ Log}_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

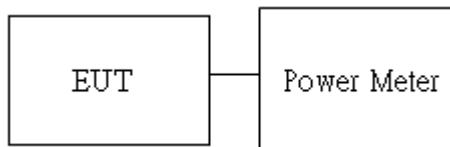
| | |
|------------------|--|
| UNII-1 Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 24dBm (EIRP : 23dBm) <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = $24 - (DG - 6)$] |
| UNII-2a/2c Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 24dBm (EIRP : 30dBm) <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = $24 - (DG - 6)$] |
| UNII-3 Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 30dBm <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = $30 - (DG - 6)$] |

4.3.2 Test Procedure

Test method Refer as KDB 789033 D02 v01r03, Section E.3.b.

1. The EUT RF output connected to the power meter by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Average output power. in the test report.

4.3.3 Test Setup



4.3.4 Test Result

Conducted output power :

| UNII-1 | | | | | | | | | | | | | |
|--|----|-------------|-----------|--------|---------------|--------|----------------------|--------------------------|--------------------|------------------------|----------|-------------|-----------------|
| Config | CH | Freq. (MHz) | Power Set | | AV Power(dBm) | | AV Total Power (dBm) | ERP AV Total Power (dBm) | AV Total Power (W) | ERP AV Total Power (W) | DG (dBi) | Limit (dBm) | ERP Limit (dBm) |
| | | | chain0 | chain1 | chain0 | chain1 | | | | | | | |
| IEEE 802.11a Data rate: 6Mbps | 36 | 5180 | 16 | - | 15.13 | - | 15.13 | 17.13 | 0.0326 | 0.0516 | 2 | 24 | 23 |
| | 44 | 5220 | 16 | - | 15.87 | - | 15.87 | 17.87 | 0.0386 | 0.0612 | | | |
| | 48 | 5240 | 16 | - | 15.93 | - | 15.93 | 17.93 | 0.0392 | 0.0621 | | | |
| IEEE 802.11n HT20 Data rate: MCS8 | 36 | 5180 | 15 | 15 | 14.41 | 13.96 | 17.20 | 19.20 | 0.0525 | 0.0832 | | | |
| | 44 | 5220 | 15 | 15 | 14.86 | 14.30 | 17.60 | 19.60 | 0.0576 | 0.0912 | | | |
| | 48 | 5240 | 15 | 15 | 15.09 | 14.46 | 17.80 | 19.80 | 0.0602 | 0.0955 | | | |
| IEEE 802.11n HT40 Data rate: MCS8 | 38 | 5190 | 13 | 13 | 12.68 | 11.85 | 15.29 | 17.29 | 0.0338 | 0.0536 | | | |
| | 46 | 5230 | 14 | 14 | 14.30 | 13.51 | 16.93 | 18.93 | 0.0493 | 0.0782 | | | |
| IEEE 802.11ac VHT80 Data rate: MCS8 | 42 | 5210 | 8 | 8 | 9.12 | 7.04 | 11.22 | 13.22 | 0.0132 | 0.0210 | | | |

| UNII-2a | | | | | | | | | | | | | |
|--|----|-------------|-----------|--------|---------------|--------|----------------------|---------------------------|--------------------|-------------------------|----------|-------------|------------------|
| Config | CH | Freq. (MHz) | Power Set | | AV Power(dBm) | | AV Total Power (dBm) | EIRP AV Total Power (dBm) | AV Total Power (W) | EIRP AV Total Power (W) | DG (dBi) | Limit (dBm) | EIRP Limit (dBm) |
| | | | chain0 | chain1 | chain0 | chain1 | | | | | | | |
| IEEE 802.11a Data rate: 6Mbps | 52 | 5260 | 15 | - | 15.80 | - | 15.80 | 18.92 | 0.0380 | 0.0780 | 3.12 | 24 | 30 |
| | 56 | 5280 | 16 | - | 16.22 | - | 16.22 | 19.34 | 0.0419 | 0.0859 | | | |
| | 64 | 5320 | 16 | - | 16.26 | - | 16.26 | 19.38 | 0.0423 | 0.0867 | | | |
| IEEE 802.11n HT20 Data rate: MCS8 | 52 | 5260 | 15 | 15 | 14.41 | 13.27 | 16.89 | 20.01 | 0.0489 | 0.1002 | | | |
| | 56 | 5280 | 15 | 15 | 14.30 | 13.39 | 16.88 | 20.00 | 0.0488 | 0.1000 | | | |
| | 64 | 5320 | 14 | 14 | 14.65 | 13.46 | 17.11 | 20.23 | 0.0514 | 0.1054 | | | |
| IEEE 802.11n HT40 Data rate: MCS8 | 54 | 5270 | 14 | 14 | 14.31 | 13.42 | 16.90 | 20.02 | 0.0489 | 0.1004 | | | |
| | 62 | 5310 | 11 | 11 | 10.78 | 9.88 | 13.36 | 16.48 | 0.0217 | 0.0445 | | | |
| IEEE 802.11ac VHT80 Data rate: MCS8 | 58 | 5290 | 8 | 8 | 9.39 | 7.48 | 11.55 | 14.67 | 0.0143 | 0.0293 | | | |

| UNII-2c | | | | | | | | | | | | | |
|--|-----|-------------|-----------|--------|---------------|--------|----------------------|--------------------------|--------------------|------------------------|----------|-------------|-----------------|
| Config | CH | Freq. (MHz) | Power Set | | AV Power(dBm) | | AV Total Power (dBm) | ERP AV Total Power (dBm) | AV Total Power (W) | ERP AV Total Power (W) | DG (dBi) | Limit (dBm) | ERP Limit (dBm) |
| | | | chain0 | chain1 | chain0 | chain1 | | | | | | | |
| IEEE 802.11a Data rate: 6Mbps | 100 | 5500 | 14 | - | 15.90 | - | 15.90 | 19.02 | 0.0389 | 0.0798 | 3.12 | 24 | 24 |
| | 116 | 5580 | 14 | - | 14.90 | - | 14.90 | 18.02 | 0.0309 | 0.0634 | | | |
| | 140 | 5700 | 15 | - | 16.09 | - | 16.09 | 19.21 | 0.0406 | 0.0834 | | | |
| | 144 | 5720 | 12 | - | 11.21 | - | 11.21 | 14.33 | 0.0132 | 0.0271 | | | |
| IEEE 802.11n HT20 Data rate: MCS8 | 100 | 5500 | 11 | 11 | 12.02 | 10.67 | 14.41 | 17.53 | 0.0276 | 0.0566 | | | |
| | 116 | 5580 | 15 | 15 | 14.79 | 14.21 | 17.52 | 20.64 | 0.0565 | 0.1159 | | | |
| | 140 | 5700 | 11 | 11 | 12.25 | 10.56 | 14.50 | 17.62 | 0.0282 | 0.0578 | | | |
| | 144 | 5720 | 12 | 12 | 10.91 | 9.84 | 13.42 | 16.54 | 0.0220 | 0.0451 | | | |
| IEEE 802.11n HT40 Data rate: MCS8 | 102 | 5510 | 8 | 8 | 8.44 | 7.18 | 10.86 | 13.98 | 0.0122 | 0.0250 | | | |
| | 110 | 5550 | 14 | 14 | 13.61 | 12.88 | 16.27 | 19.39 | 0.0423 | 0.0869 | | | |
| | 134 | 5670 | 12 | 12 | 14.06 | 11.57 | 16.00 | 19.12 | 0.0398 | 0.0816 | | | |
| | 142 | 5710 | 10 | 10 | 9.51 | 8.25 | 11.93 | 15.05 | 0.0156 | 0.0320 | | | |
| IEEE 802.11ac VHT80 Data rate: MCS8 | 106 | 5530 | 8 | 8 | 11.62 | 9.13 | 13.57 | 16.69 | 0.0227 | 0.0466 | | | |
| | 138 | 5690 | 11 | 11 | 9.69 | 8.62 | 12.20 | 15.32 | 0.0166 | 0.0341 | | | |

| UNII-3 | | | | | | | | | | | | |
|--|-----|-------------|-----------|--------|---------------|--------|----------------------|---------------------------|--------------------|-------------------------|----------|-------------|
| Config | CH | Freq. (MHz) | Power Set | | AV Power(dBm) | | AV Total Power (dBm) | EIRP AV Total Power (dBm) | AV Total Power (W) | EIRP AV Total Power (W) | DG (dBi) | Limit (dBm) |
| | | | chain0 | chain1 | chain0 | chain1 | | | | | | |
| IEEE 802.11a Data rate: 6Mbps | 144 | 5720 | 12 | - | 3.87 | - | 3.87 | 6.87 | 0.0024 | 0.0049 | 3.12 | 30 |
| | 149 | 5745 | 15 | - | 16.14 | - | 16.14 | 19.14 | 0.0411 | 0.0820 | | |
| | 157 | 5785 | 15 | - | 16.17 | - | 16.17 | 19.17 | 0.0414 | 0.0826 | | |
| | 165 | 5825 | 17 | - | 17.33 | - | 17.33 | 20.33 | 0.0541 | 0.1079 | | |
| IEEE 802.11n HT20 Data rate: MCS0 | 144 | 5720 | 12 | 12 | 3.84 | 2.84 | 6.38 | 9.26 | 0.0043 | 0.0084 | | |
| | 149 | 5745 | 15 | 15 | 14.71 | 13.86 | 17.32 | 20.20 | 0.0539 | 0.1047 | | |
| | 157 | 5785 | 15 | 15 | 14.39 | 13.62 | 17.03 | 19.91 | 0.0505 | 0.0979 | | |
| | 165 | 5825 | 15 | 15 | 13.63 | 12.40 | 16.07 | 18.95 | 0.0405 | 0.0785 | | |
| IEEE 802.11n HT40 Data rate: MCS0 | 142 | 5710 | 10 | 10 | -3.59 | -4.01 | -0.79 | 1.88 | 0.0008 | 0.0015 | | |
| | 151 | 5755 | 14 | 14 | 14.00 | 13.11 | 16.59 | 19.25 | 0.0456 | 0.0841 | | |
| | 159 | 5795 | 14 | 14 | 14.21 | 12.69 | 16.52 | 19.19 | 0.0449 | 0.0830 | | |
| IEEE 802.11ac VHT80 Data rate: MCS0 | 138 | 5690 | 11 | 11 | -4.27 | -5.39 | -1.78 | -0.62 | 0.0007 | 0.0009 | | |
| | 155 | 5775 | 10 | 10 | 11.30 | 10.42 | 13.90 | 15.05 | 0.0245 | 0.0320 | | |

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3) and RSS-247 section 6.2.1(1), section 6.2.2(1), section 6.2.3(1) and section 6.2.4(1)

UNII-1 :

FCC: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

IC: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.i.

| | |
|---------------|---|
| UNII-1 Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 11 dBm (EIRP : 10 dBm) <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)] |
| UNII-2a Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 11 dBm <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)] |
| UNII-2c Limit | <input type="checkbox"/> Antenna not exceed 6 dBi : 11 dBm <input checked="" type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)] |
| UNII-3 Limit | <input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 30 dBm <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)] |

4.4.2 Test Procedure

Test method Refer as KDB 789033 D02 v01r03, Section F

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c, SA set RBW = 1MHz, VBW = 3MHz and Detector = RMS, to measurement Power Density.
4. UNII-3, SA set RBW = 500kHz, VBW = 2MHz and Detector = RMS, to measurement Power Density
5. The path loss and Duty Factor were compensated to the results for each measurement by SA.
6. Mark the maximum level.
7. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup



4.4.4 Test Result

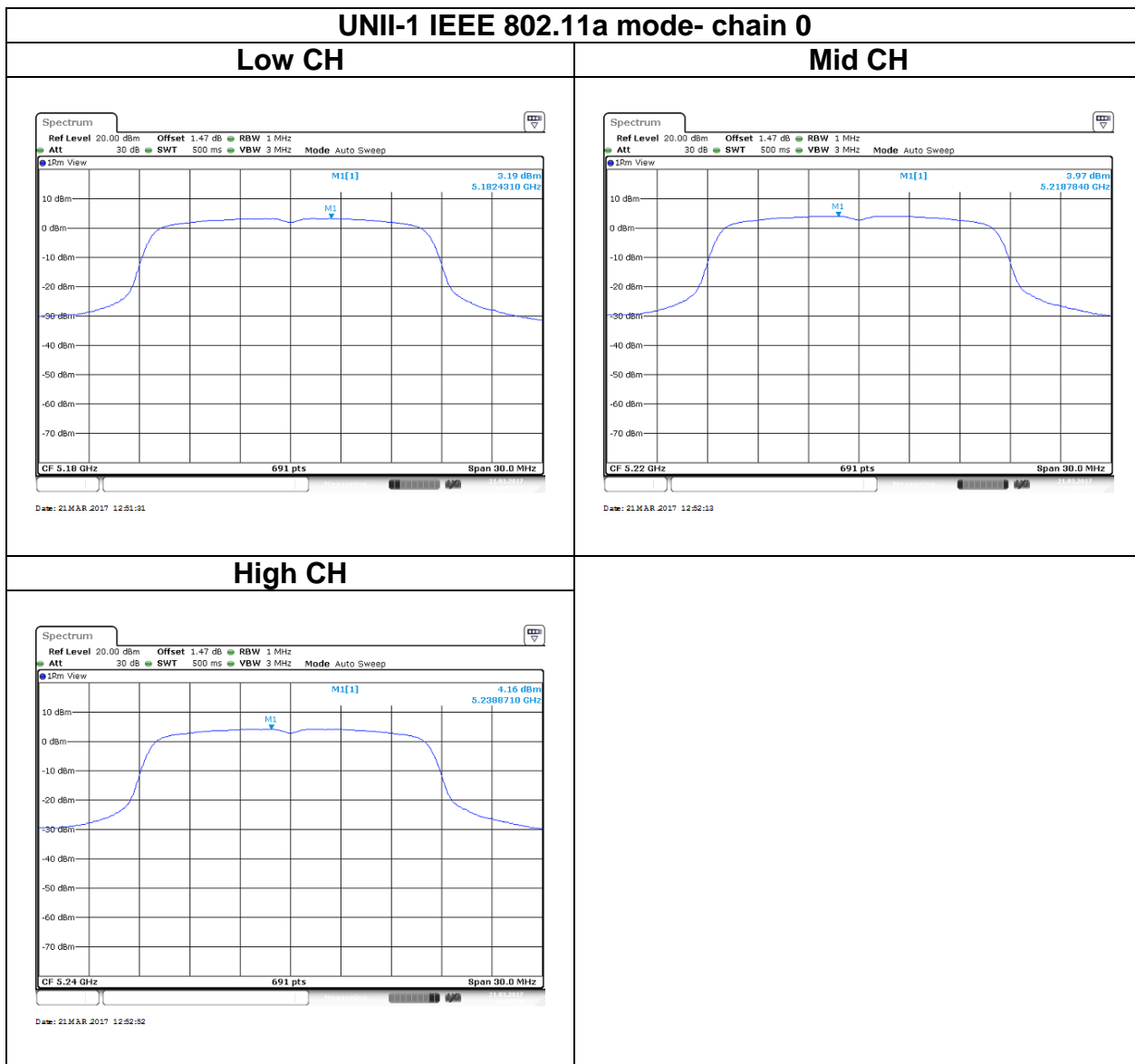
| UNII-1 5150-5250 MHz | | | | | | | |
|--|------------------------|---------------------------|---------------------------|-------------------------|------------------------------|--------------------|-------------------------|
| Test mode: IEEE 802.11a mode | | | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | EIRP Total PSSD (dBm) | Limit (dBm) | EIRP Limit (dBm) |
| Low | 5180 | 3.19 | - | 3.19 | 6.31 | 11 | 10 |
| Mid | 5220 | 3.97 | - | 3.97 | 7.09 | | |
| High | 5240 | 4.16 | - | 4.16 | 7.28 | | |
| Test mode: IEEE 802.11n HT20 mode | | | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | EIRP Total PSSD (dBm) | Limit (dBm) | EIRP Limit (dBm) |
| Low | 5180 | 0.37 | 2.28 | 4.44 | 7.5595 | 11 | 10 |
| Mid | 5220 | 1.07 | 2.73 | 4.99 | 8.1091 | | |
| High | 5240 | 1.36 | 1.85 | 4.62 | 7.7422 | | |
| Test mode: IEEE 802.11n HT40 mode | | | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | EIRP Total PSSD (dBm) | Limit (dBm) | EIRP Limit (dBm) |
| Low | 5190 | -1.48 | -4.40 | 0.31 | 3.4312 | 11 | 10 |
| High | 5230 | -2.10 | -1.65 | 1.14 | 4.2611 | | |
| Test mode: IEEE 802.11ac VHT80 mode | | | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | EIRP Total PSSD (dBm) | Limit (dBm) | EIRP Limit (dBm) |
| Mid | 5210 | -8.72 | -11.04 | -6.72 | -3.5966 | 11 | 10 |

| UNII-2a 5250-5350 MHz | | | | | |
|--|------------------------|---------------------------|---------------------------|-------------------------|--------------------|
| Test mode: IEEE 802.11a mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5260 | 3.61 | - | 3.61 | 11 |
| Mid | 5280 | 4.62 | - | 4.62 | |
| High | 5320 | 4.63 | - | 4.63 | |
| Test mode: IEEE 802.11n HT20 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5260 | 1.61 | 2.66 | 5.18 | 11 |
| Mid | 5280 | 1.67 | 2.70 | 5.23 | |
| High | 5320 | 3.59 | 0.35 | 5.28 | |
| Test mode: IEEE 802.11n HT40 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5270 | -1.91 | -0.91 | 1.63 | 11 |
| High | 5310 | -2.07 | -5.70 | -0.51 | |
| Test mode: IEEE 802.11ac VHT80 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Mid | 5290 | -9.22 | -9.22 | -6.21 | 11 |

| UNII-2c 5470-5725 MHz | | | | | |
|--|------------------------|---------------------------|---------------------------|-------------------------|--------------------|
| Test mode: IEEE 802.11a mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5500 | 3.61 | - | 3.61 | 10.87 |
| Mid | 5580 | 2.84 | - | 2.84 | |
| High | 5700 | 4.48 | - | 4.48 | |
| Cross | 5720 | 0.78 | - | 0.78 | |
| Test mode: IEEE 802.11n HT20 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5500 | 2.34 | -1.44 | 3.86 | 10.87 |
| Mid | 5580 | 3.89 | 3.49 | 6.70 | |
| High | 5700 | 1.88 | -2.01 | 3.37 | |
| Cross | 5720 | 0.53 | 0.65 | 3.60 | |
| Test mode: IEEE 802.11n HT40 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5510 | -6.19 | -8.13 | -4.04 | 10.87 |
| High | 5670 | -3.24 | -3.09 | -0.15 | |
| Cross | 5710 | -4.44 | -5.85 | -2.08 | |
| Test mode: IEEE 802.11ac VHT80 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Mid | 5530 | -9.64 | -10.61 | -7.09 | 10.87 |
| Cross | 5690 | -7.59 | -8.24 | -4.89 | |

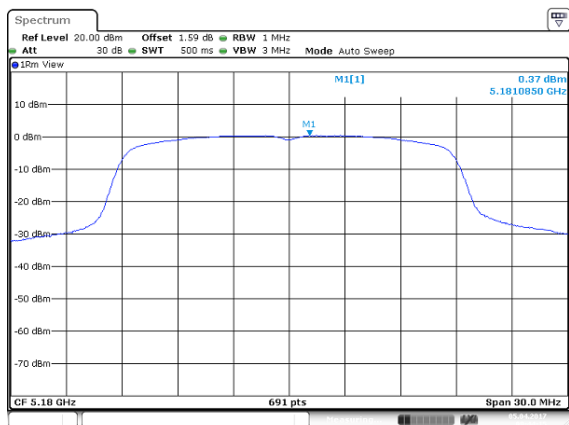
| UNII-3 5725-5825 MHz | | | | | |
|--|------------------------|---------------------------|---------------------------|-------------------------|--------------------|
| Test mode: IEEE 802.11a mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5745 | 9.84 | - | 9.84 | 30 |
| Mid | 5785 | 9.97 | - | 9.97 | |
| High | 5825 | 10.25 | - | 10.25 | |
| Cross | 5720 | -1.43 | - | -1.43 | |
| Test mode: IEEE 802.11n HT20 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5745 | 9.00 | 8.59 | 11.81 | 30 |
| Mid | 5785 | 6.88 | 9.20 | 11.20 | |
| High | 5825 | 5.31 | 5.07 | 8.20 | |
| Cross | 5720 | -3.39 | -4.37 | -0.84 | |
| Test mode: IEEE 802.11n HT40 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Low | 5755 | 4.38 | 2.87 | 6.70 | 30 |
| High | 5795 | 3.76 | 6.68 | 8.47 | |
| Cross | 5710 | -9.73 | -11.23 | -7.41 | |
| Test mode: IEEE 802.11ac VHT80 mode | | | | | |
| Channel | Frequency (MHz) | Chain 0 PPSD (dBm) | Chain 1 PPSD (dBm) | Total PSSD (dBm) | Limit (dBm) |
| Mid | 5690 | -12.27 | -10.20 | -8.10 | 30 |
| Mid | 5775 | -8.88 | -9.74 | -6.28 | |

Test Data



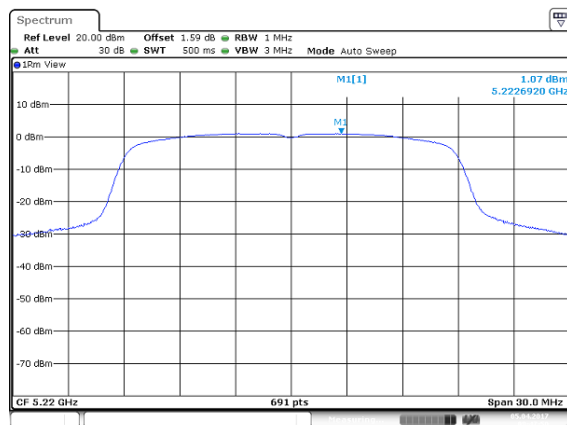
UNII-1 IEEE 802.11n HT20 mode- chain 0

Low CH



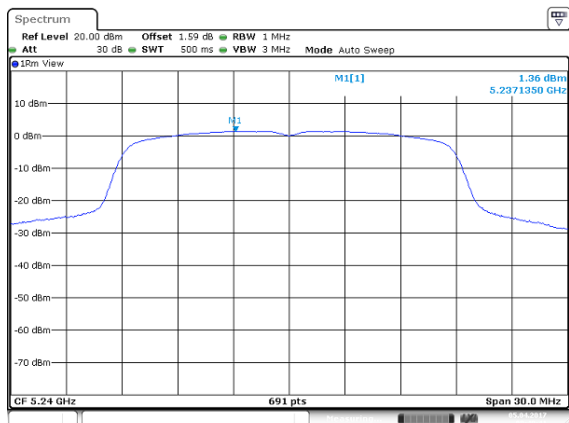
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Mid CH



Date: 5.APR.2017 09:47:50

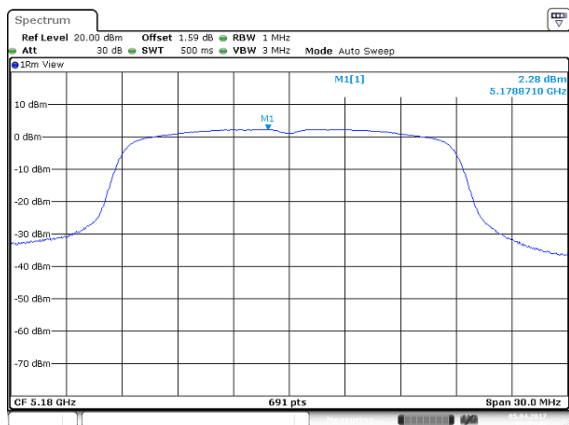
High CH



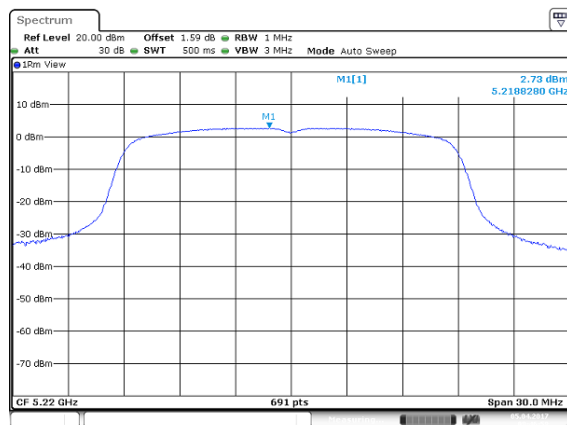
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UNII-1 IEEE 802.11n HT20 mode- chain 1

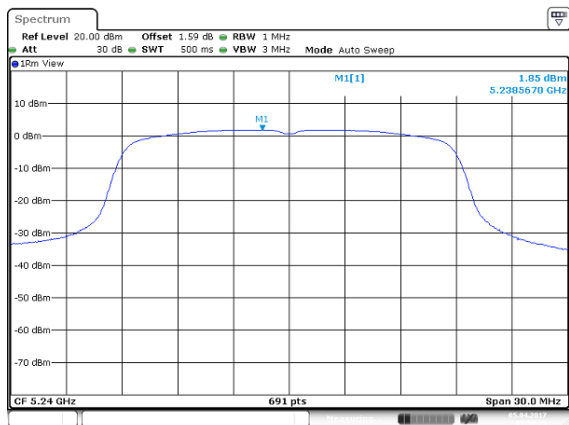
Low CH



Mid CH

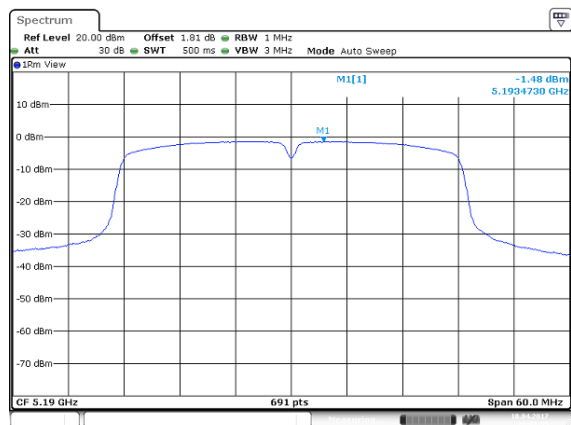


High CH

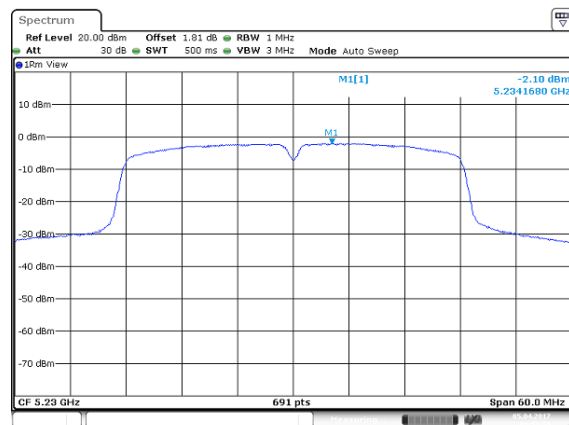


UNII-1 IEEE 802.11n HT40 mode- chain 0

Low CH

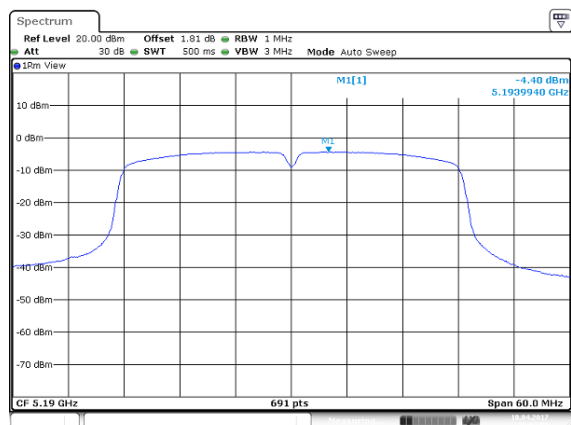


High CH

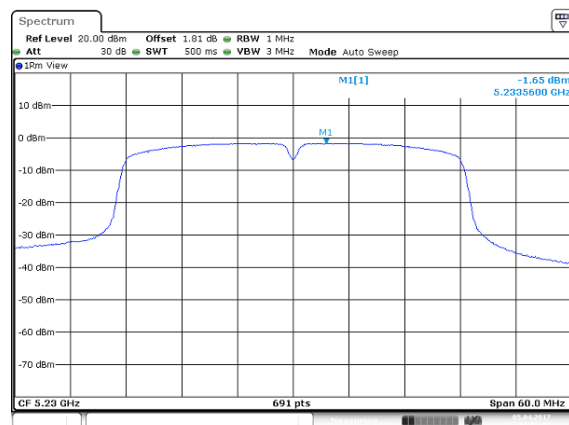


UNII-1 IEEE 802.11n HT40 mode- chain 1

Low CH

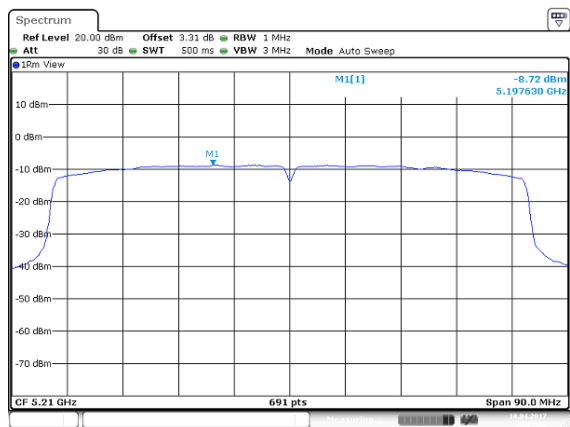


High CH



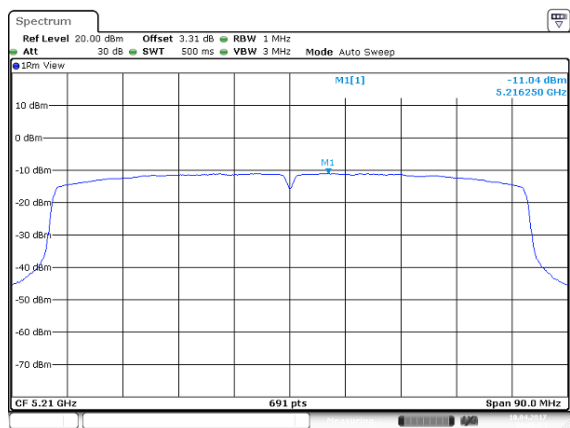
UNII-1 IEEE 802.11ac VHT80 mode- chain 0

Mid CH

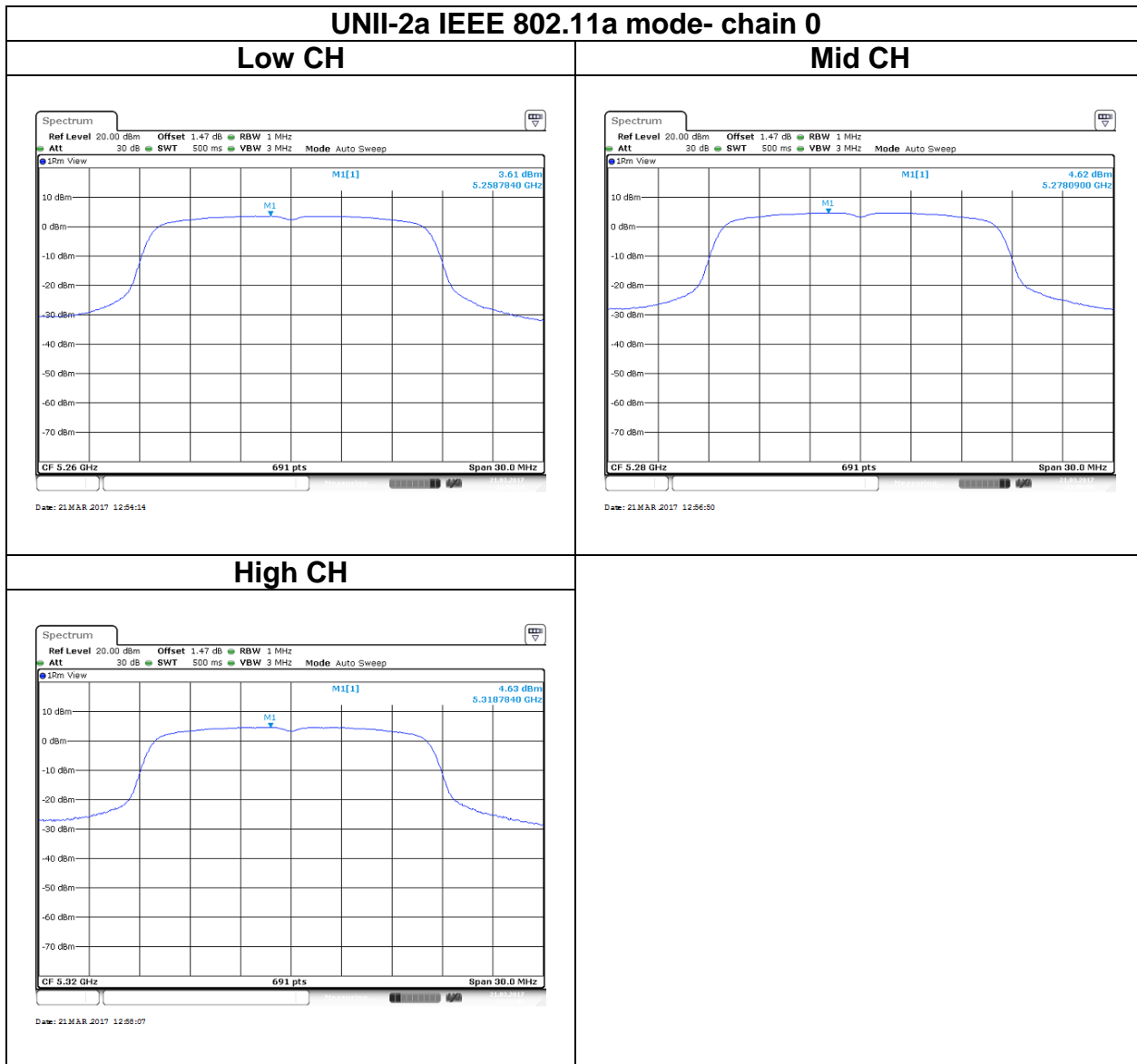


UNII-1 IEEE 802.11ac VHT80 mode- chain 1

Mid CH

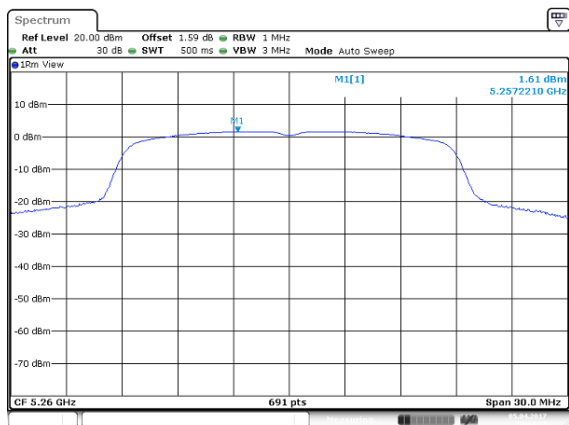


Test Data



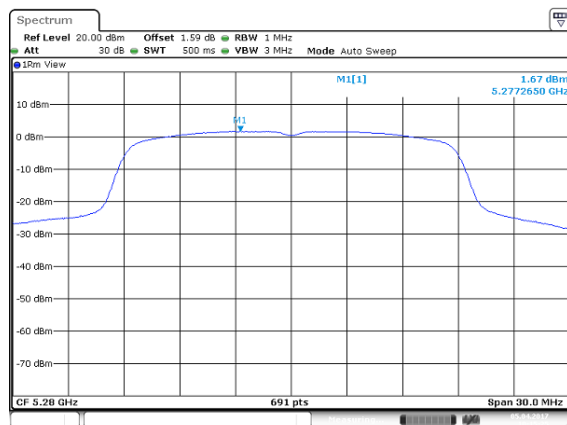
UNII-2a IEEE 802.11n HT20 mode- chain 0

Low CH



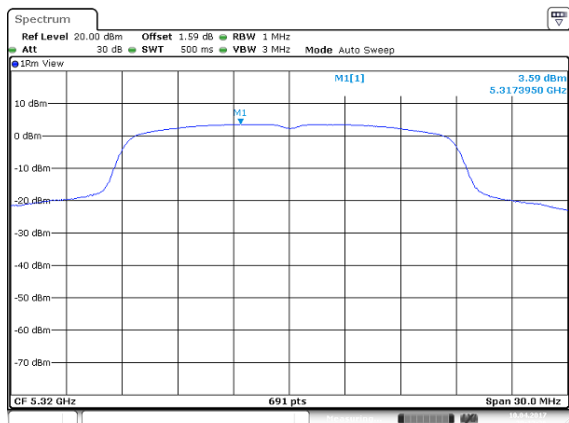
Date: 5 APR 2017 10:14:12

Mid CH



Date: 5 APR 2017 10:15:26

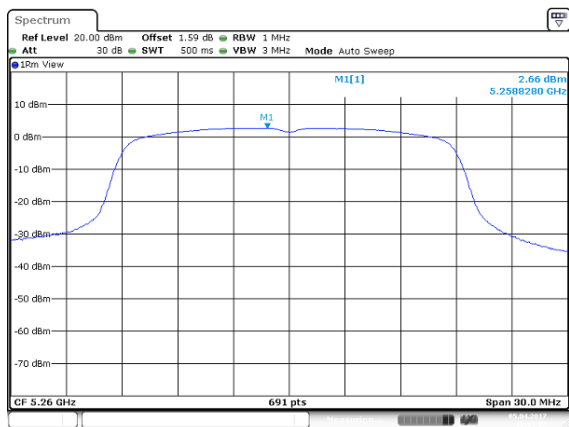
High CH



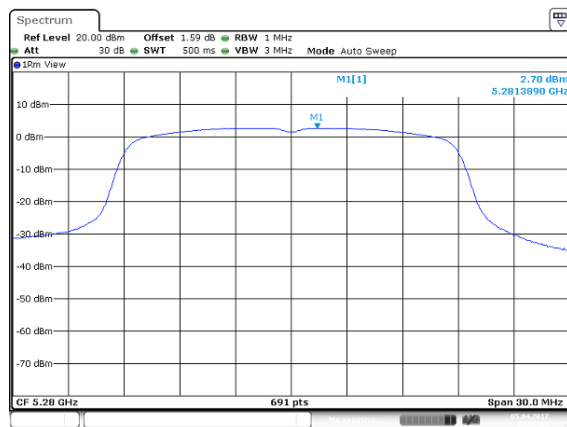
Date: 10 APR 2017 20:12:37

UNII-2a IEEE 802.11n HT20 mode- chain 1

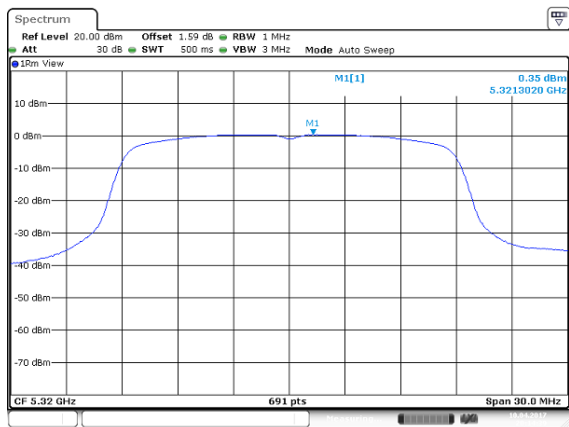
Low CH

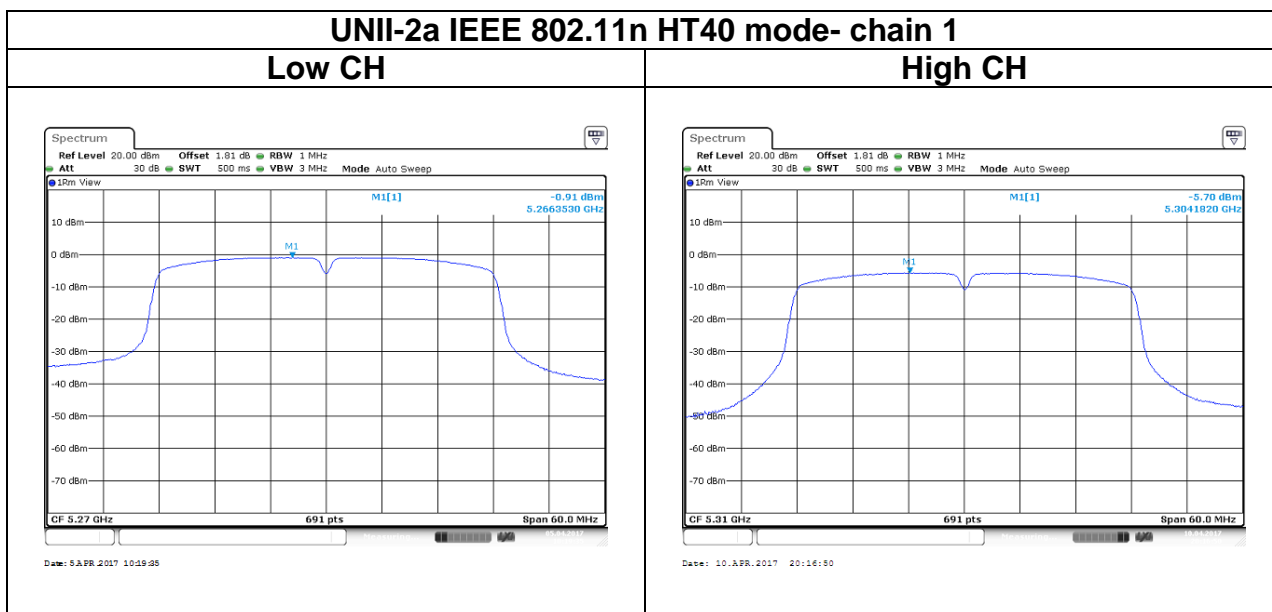
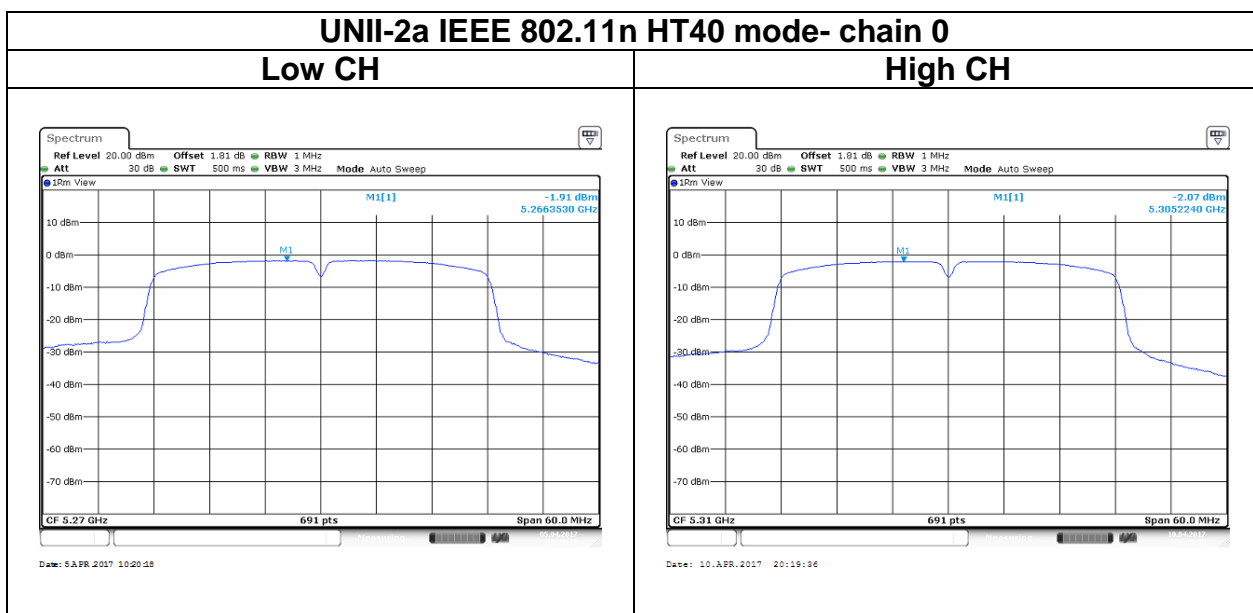


Mid CH



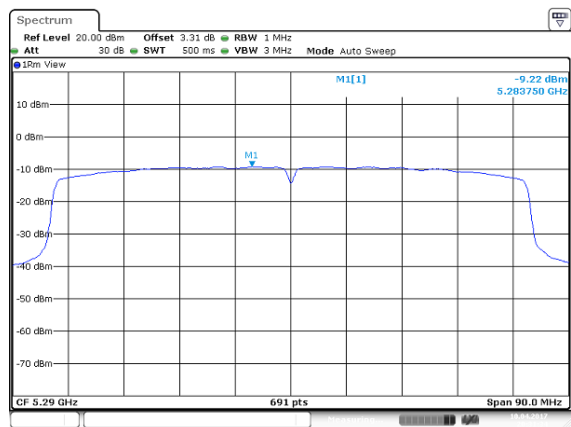
High CH





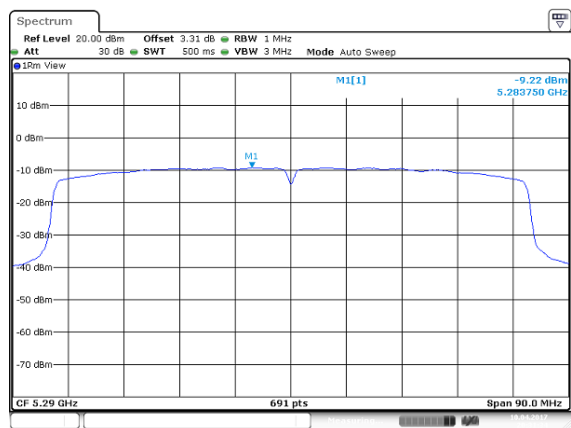
UNII-2a IEEE 802.11ac VHT80 mode- chain 0

Mid CH

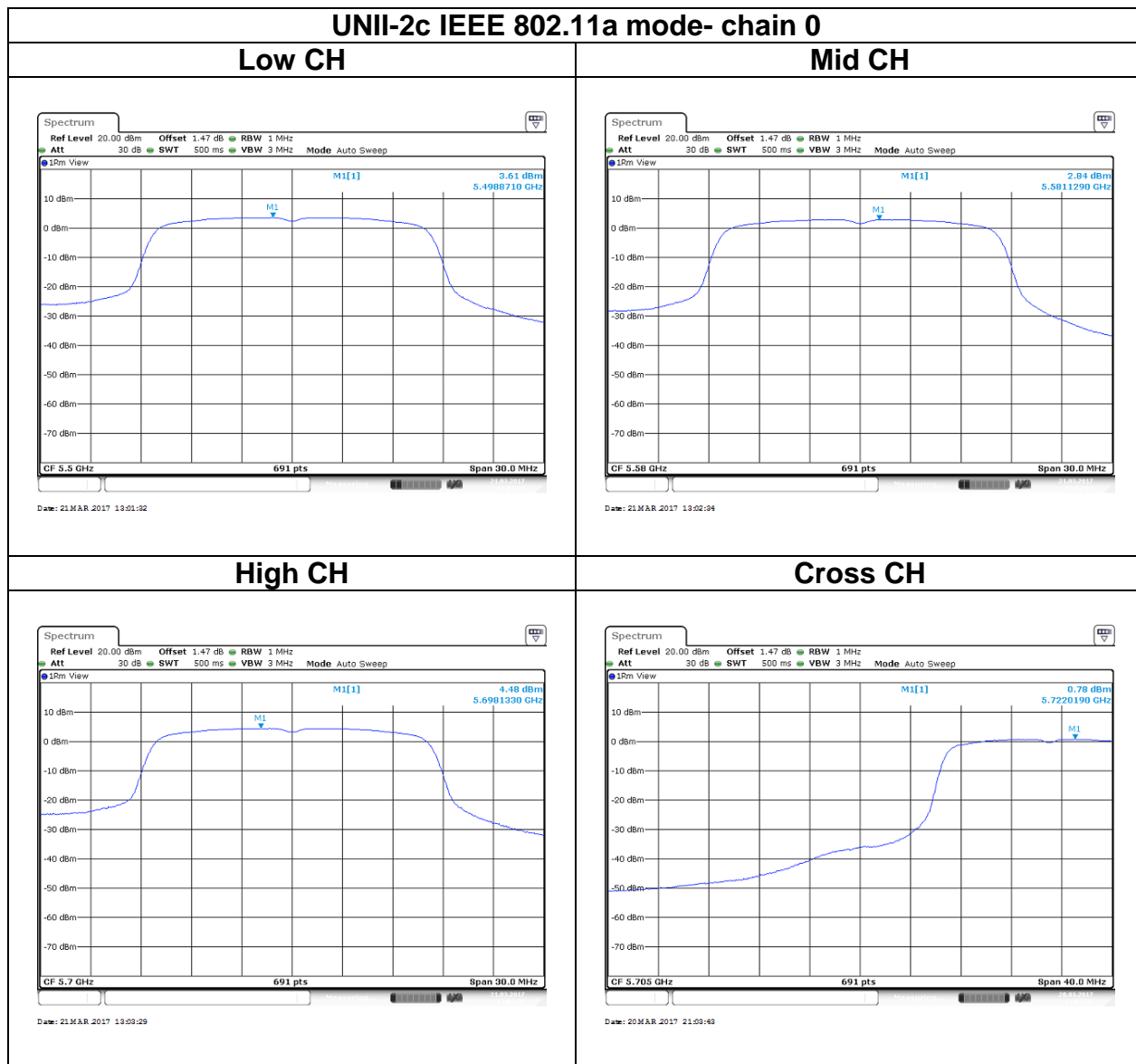


UNII-2a IEEE 802.11ac VHT80 mode- chain 1

Mid CH

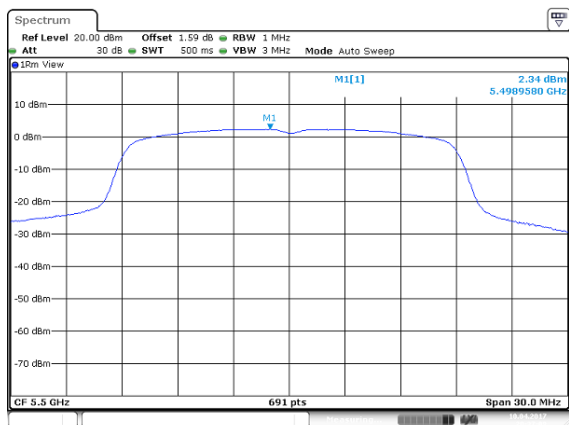


Test Data



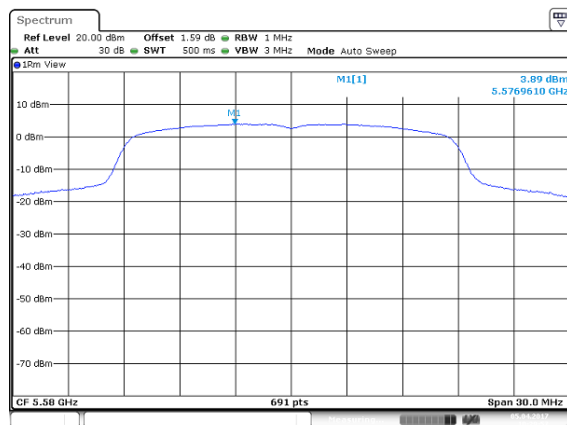
UNII-2c IEEE 802.11n HT20 mode- chain 0

Low CH



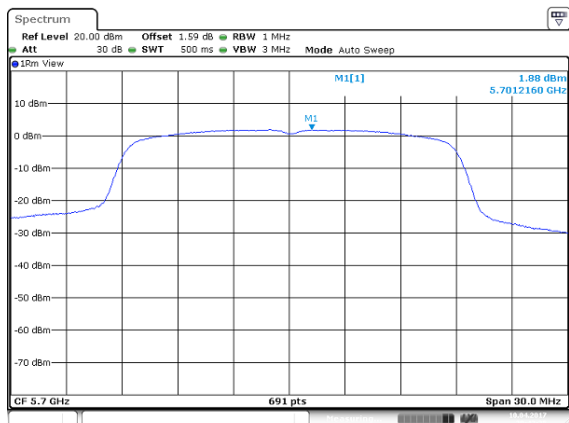
Date: 10.APR.2017 20:37:08

Mid CH



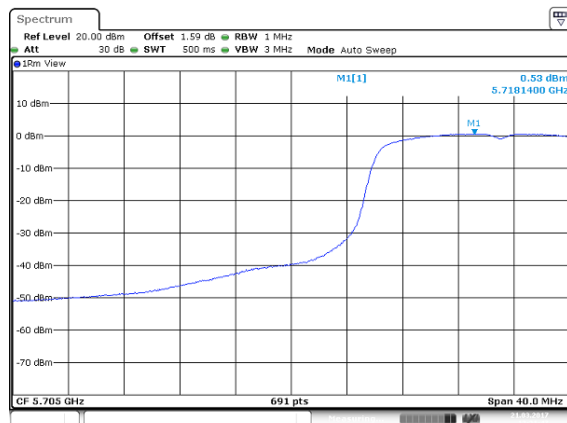
Date: 9.APR.2017 10:29:57

High CH



Date: 10.APR.2017 20:42:34

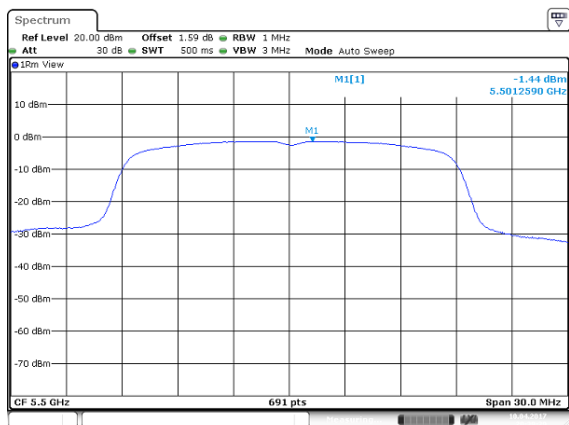
Cross CH



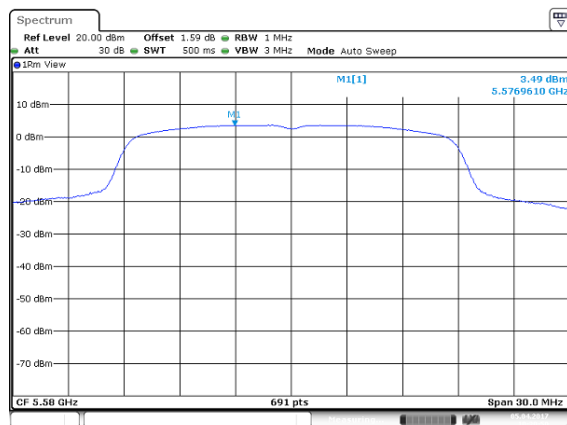
Date: 21.MAR.2017 19:21:48

UNII-2c IEEE 802.11n HT20 mode- chain 1

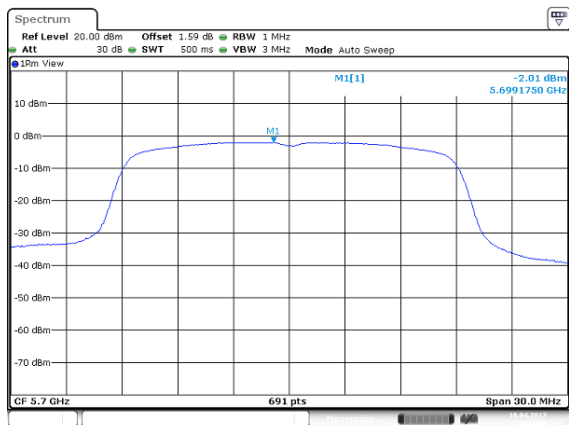
Low CH



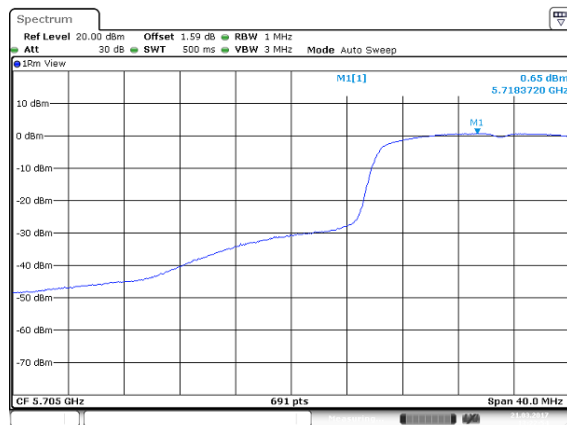
Mid CH



High CH

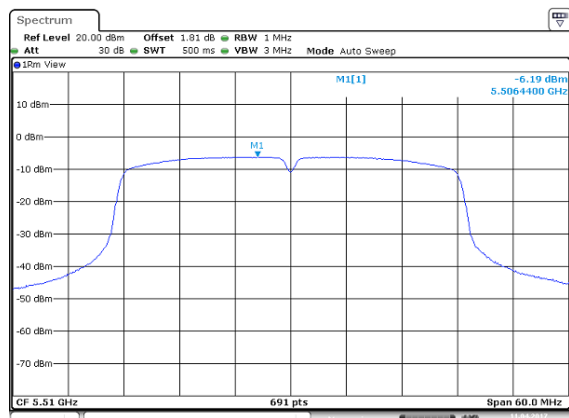


Cross CH



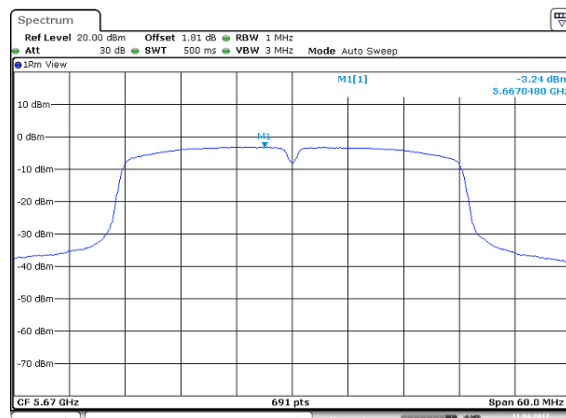
UNII-2c IEEE 802.11n HT40 mode- chain 0

Low CH



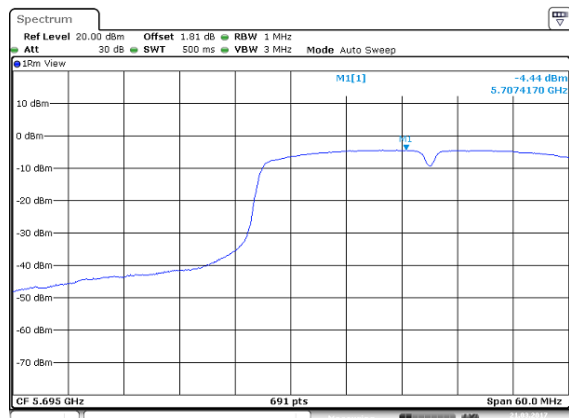
Date: 11.APR.2017 18:14:46

High CH



Date: 11.APR.2017 18:20:21

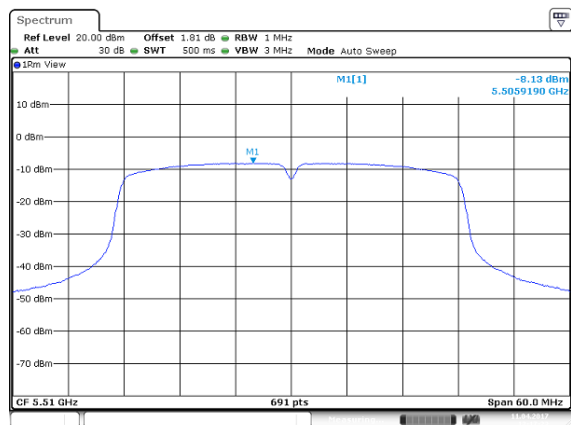
Cross CH



Date: 21.MAR.2017 14:21:20

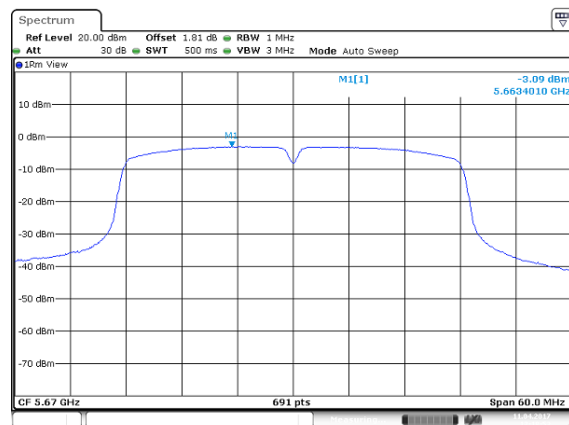
UNII-2c IEEE 802.11n HT40 mode- chain 1

Low CH



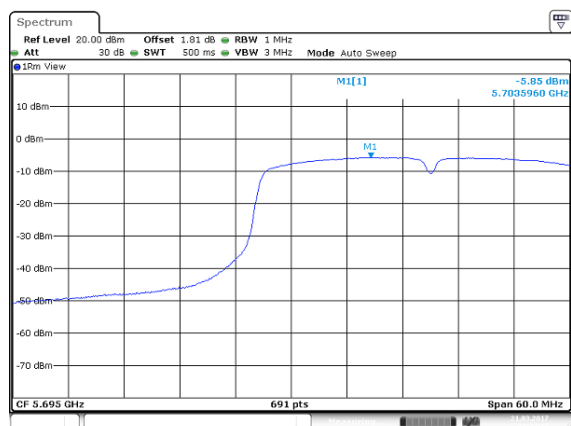
Date: 11.APR.2017 19:17:23

High CH



Date: 11.APR.2017 19:18:59

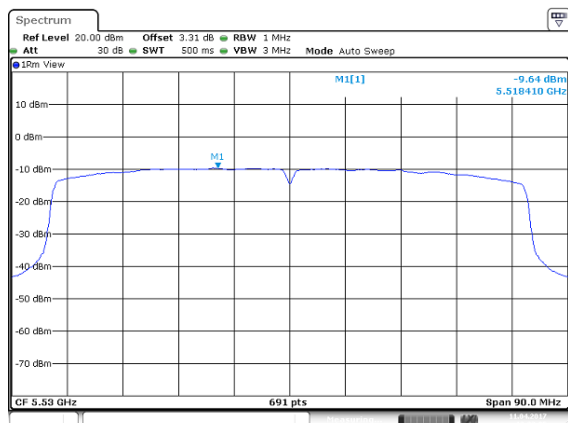
Cross CH



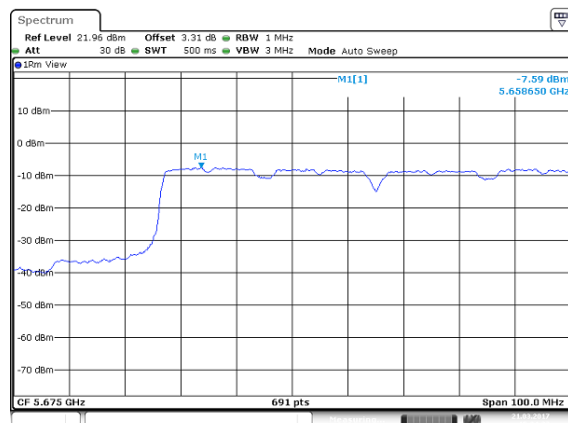
Date: 21.MAR.2017 14:22:17

UNII-2c IEEE 802.11ac VHT80 mode- chain 0

Mid CH

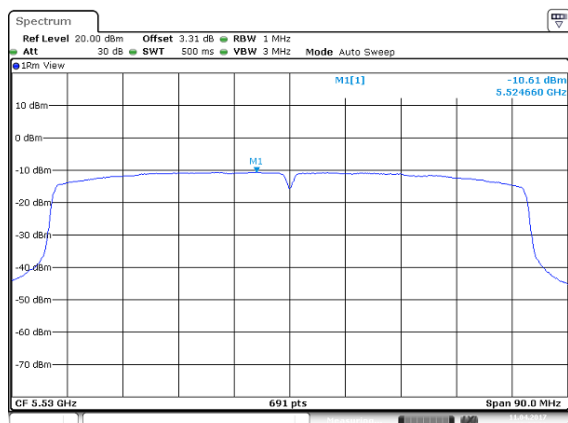


Cross CH

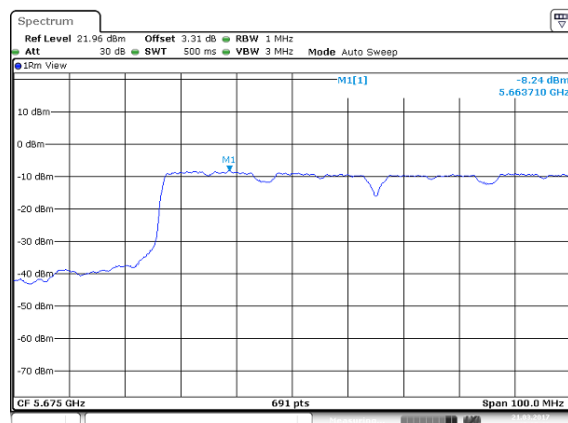


UNII-2c IEEE 802.11ac VHT80 mode- chain 1

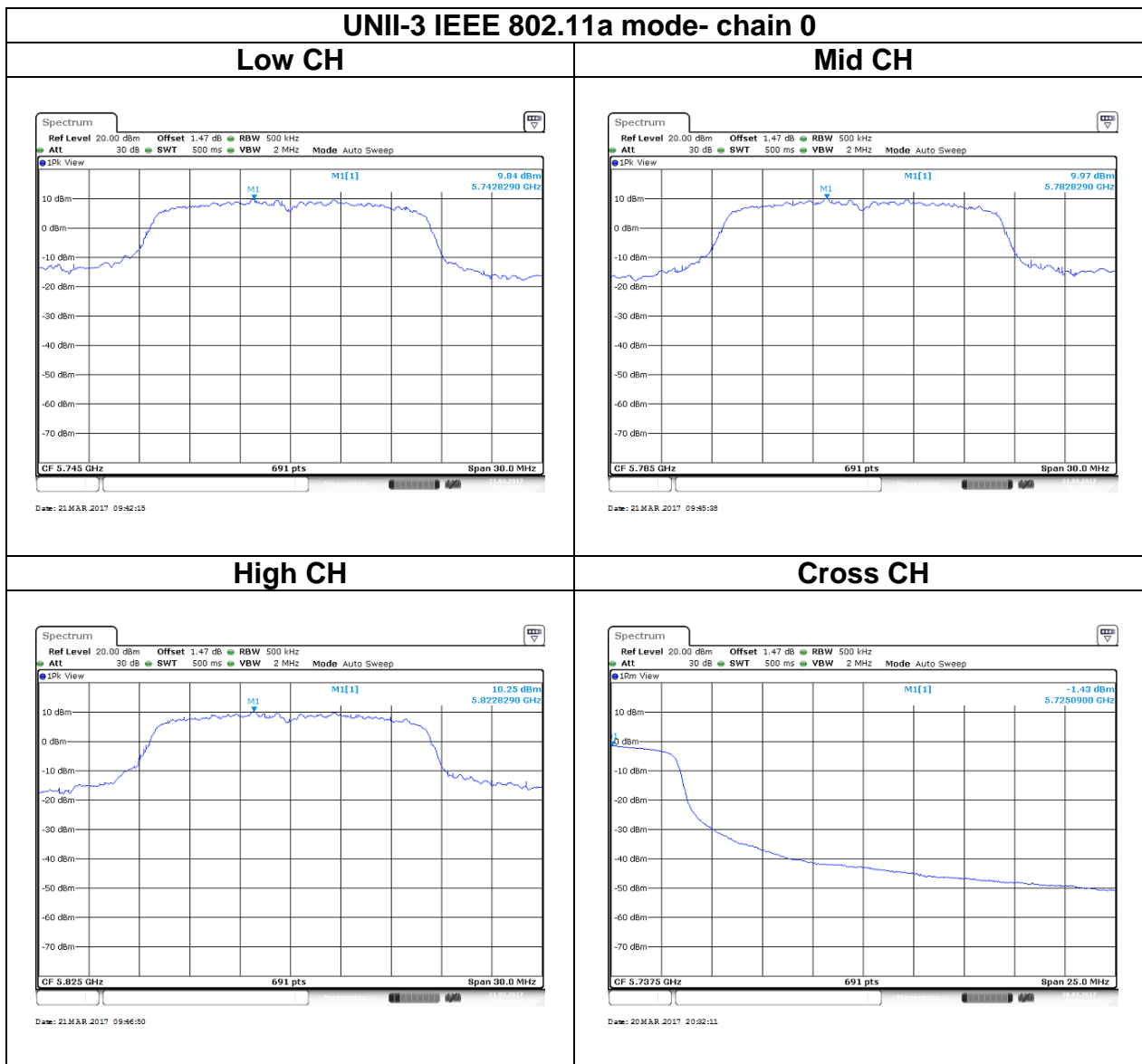
Mid CH



Cross CH

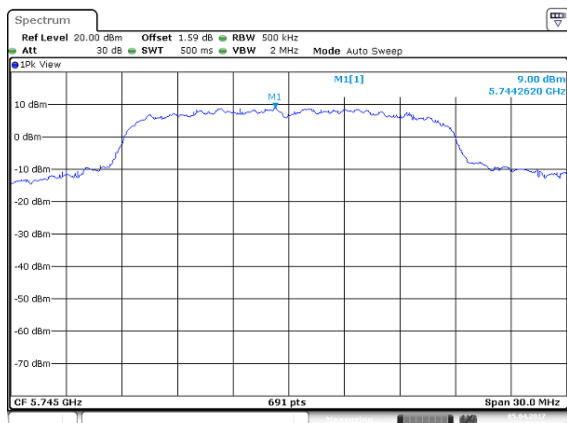


Test Data



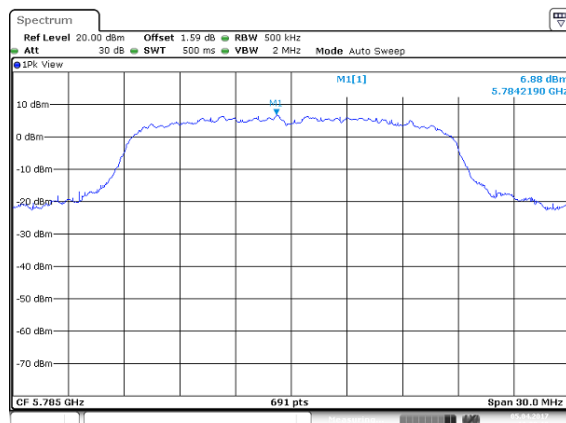
UNII-3 IEEE 802.11n HT20 mode- chain 0

Low CH



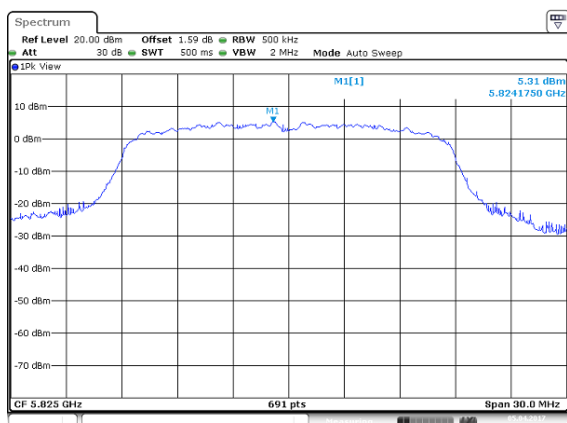
Date: 5.APR.2017 10:56:30

Mid CH



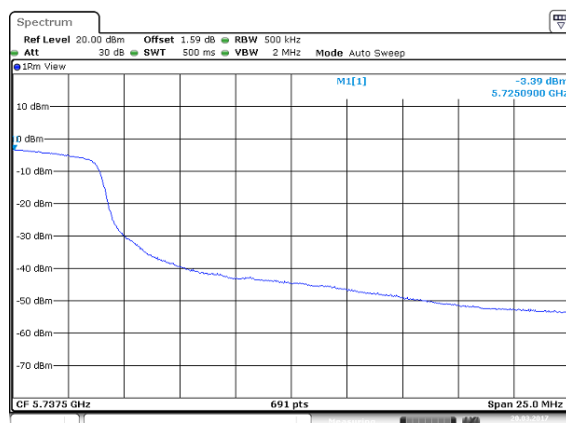
Date: 5.APR.2017 11:00:11

High CH



Date: 5.APR.2017 11:01:11

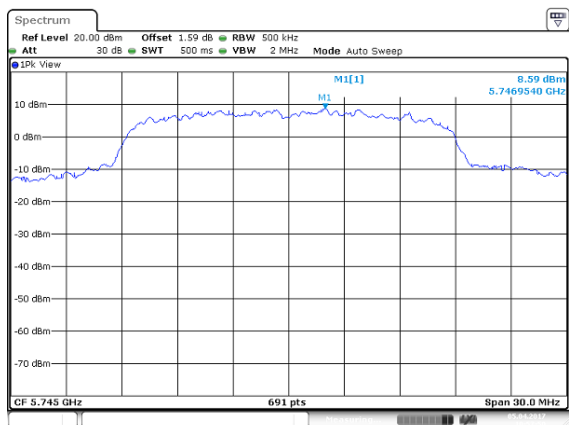
Cross CH



Date: 20.MAR.2017 20:40:10

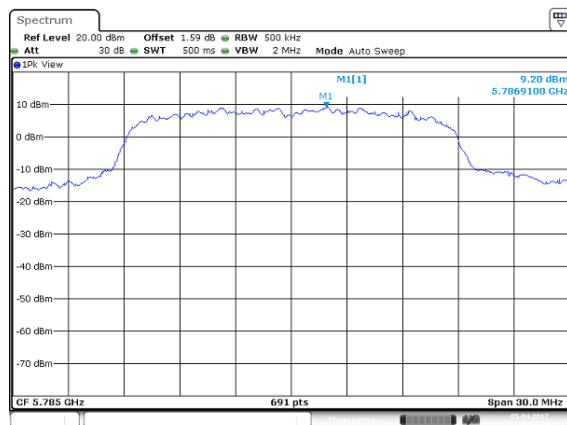
UNII-3 IEEE 802.11n HT20 mode- chain 1

Low CH



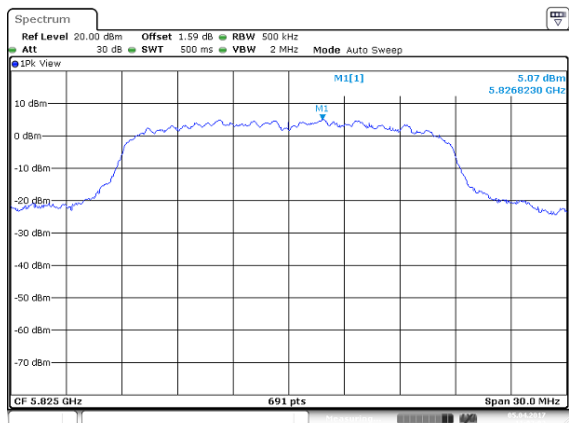
Date: 5.APR.2017 10:57:50

Mid CH



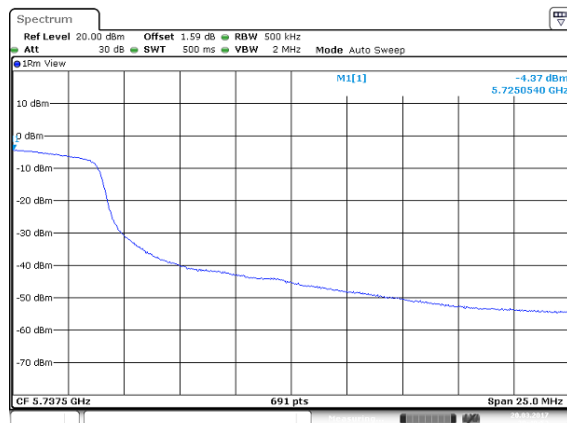
Date: 5.APR.2017 10:58:40

High CH



Date: 5.APR.2017 11:02:02

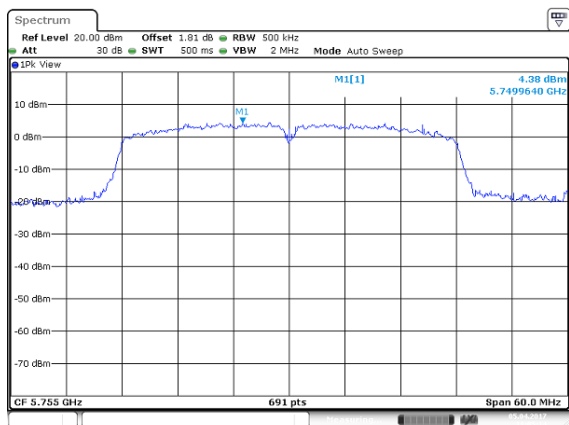
Cross CH



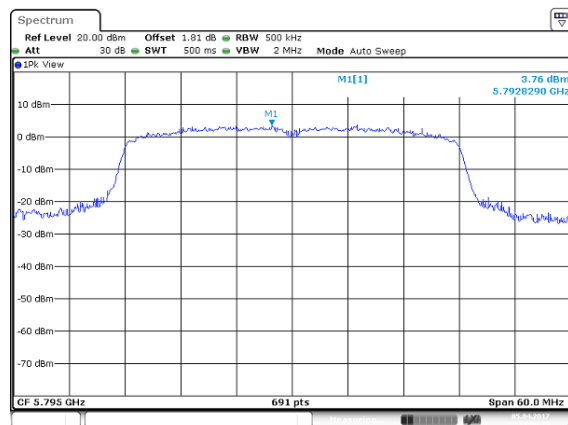
Date: 20.MAR.2017 20:40:54

UNII-3 IEEE 802.11n HT40 mode- chain 0

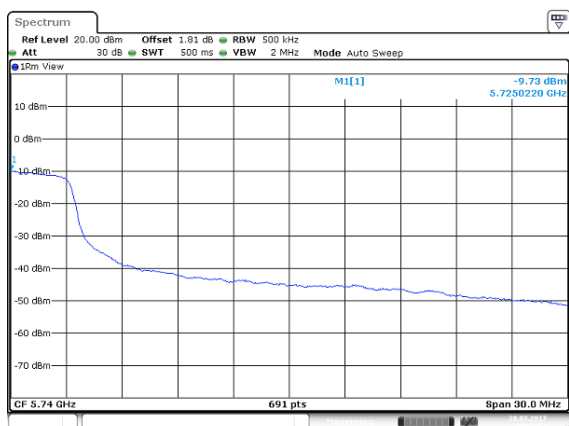
Low CH



High CH

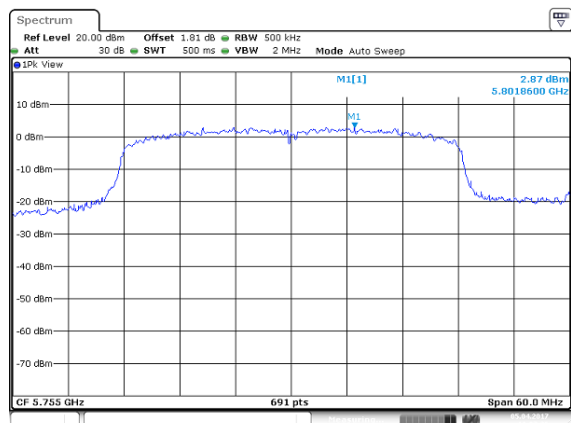


Cross CH

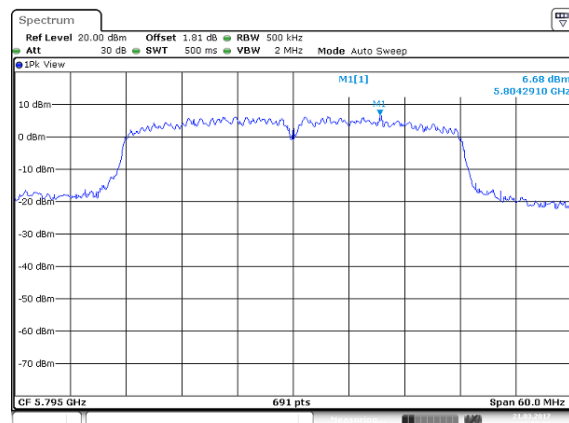


UNII-3 IEEE 802.11n HT40 mode- chain 1

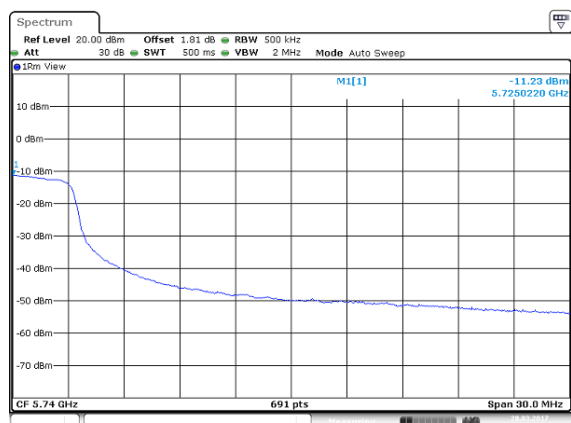
Low CH



High CH

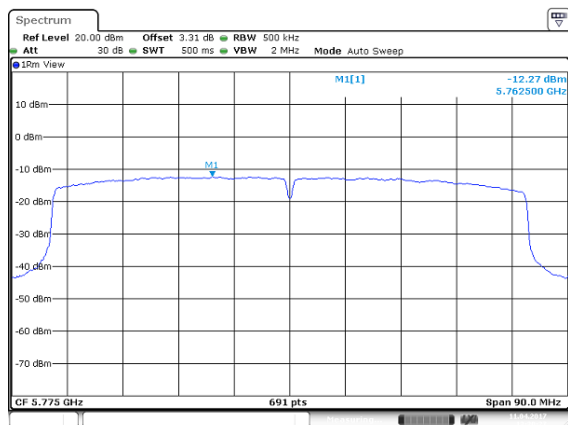


Cross CH

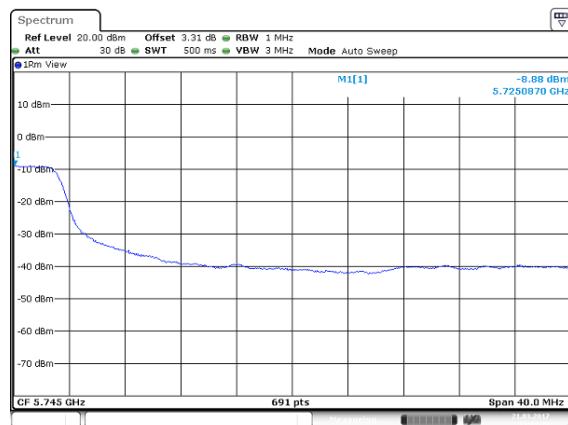


UNII-3 IEEE 802.11ac VHT80 mode- chain 0

Mid CH

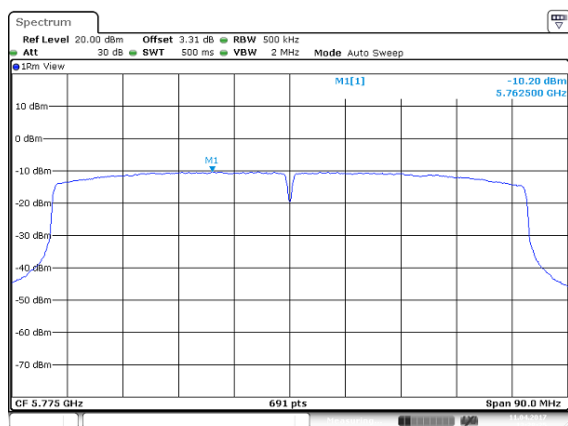


Cross CH



UNII-3 IEEE 802.11ac VHT80 mode- chain 1

Mid CH



Cross CH

