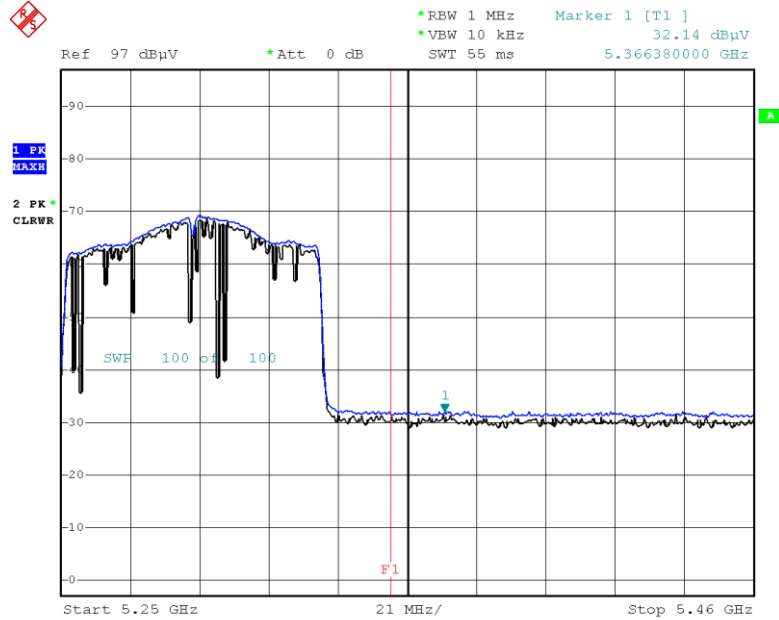
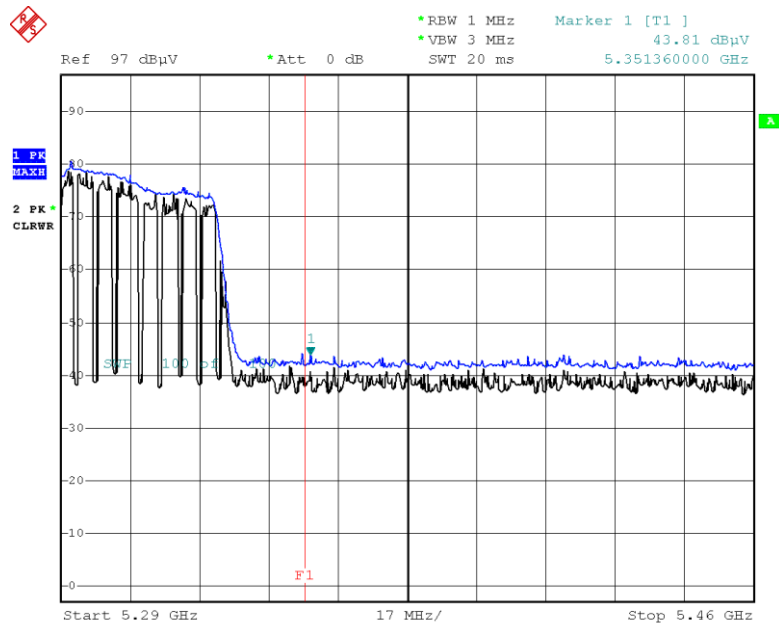


### Average Reading (802.11ac\_VHT80, Ch.58, X-V)



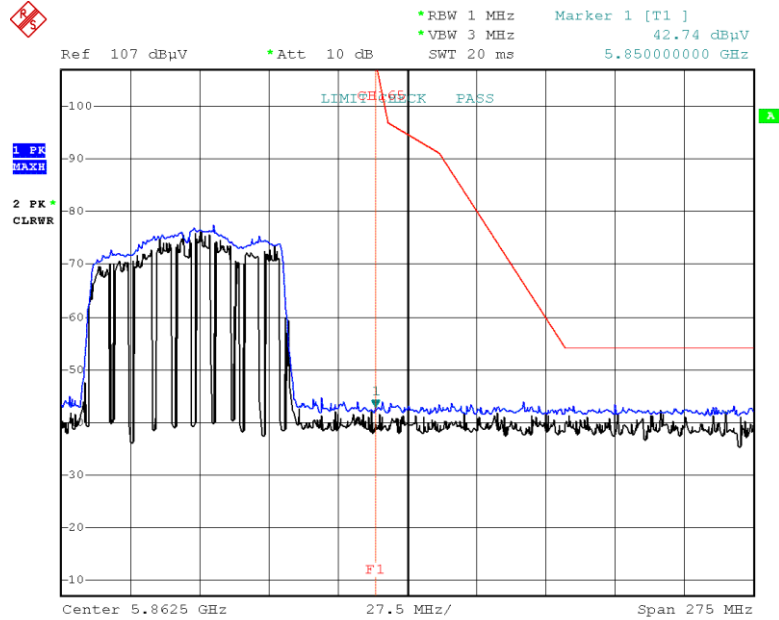
Date: 26.JUN.2019 08:21:32

### Peak Reading (802.11ac\_VHT80 Ch.58, X-V)



Date: 26.JUN.2019 07:16:53

### 802.11ac\_VHT80 Ch.155



Date: 26.JUN.2019 08:56:25

Note : Only the worst case plots for Radiated Restricted Band Edge.

## 10.10 RECEIVER SPURIOUS EMISSIONS

### Frequency Range : Below 1 GHz

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

**Note:**

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode.

### Frequency Range : Above 1 GHz

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

## 11. LIST OF TEST EQUIPMENT

### Conducted Test

| Manufacturer    | Model / Equipment                            | Calibration Date | Calibration Interval | Serial No. |
|-----------------|--|------------------|----------------------|------------|
| Rohde & Schwarz | ENV216 / LISN                                | 12/12/2018       | Annual               | 102245     |
| Rohde & Schwarz | ESCI / Test Receiver                         | 06/18/2019       | Annual               | 100033     |
| ESPAC           | SU-642 / Temperature Chamber                 | 03/12/2019       | Annual               | 0093008124 |
| Agilent         | N9020A / Signal Analyzer                     | 05/23/2019       | Annual               | MY51110085 |
| Agilent         | N9030A / Signal Analyzer                     | 11/20/2018       | Annual               | MY49431210 |
| Agilent         | N1911A / Power Meter                         | 04/10/2019       | Annual               | MY45100523 |
| Agilent         | N1921A / Power Sensor                        | 04/10/2019       | Annual               | MY52260025 |
| Agilent         | 87300B / Directional Coupler                 | 11/20/2018       | Annual               | 3116A03621 |
| Hewlett Packard | 11667B / Power Splitter                      | 05/24/2019       | Annual               | 5001       |
| Hewlett Packard | E3632A / DC Power Supply                     | 06/18/2019       | Annual               | KR75303960 |
| Agilent         | 8493C / Attenuator(10 dB)                    | 07/10/2018       | Annual               | 07560      |
| Rohde & Schwarz | EMC32 / Software                             | N/A              | N/A                  | N/A        |
| HCT CO., LTD.   | FCC WLAN&BT&BLE Conducted Test Software v3.0 | N/A              | N/A                  | N/A        |
| Rohde & Schwarz | CBT / Bluetooth Tester                       | 05/16/2019       | Annual               | 100422     |

### Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

**Radiated Test**

| Manufacturer           | Model / Equipment                                       | Calibration Date | Calibration Interval | Serial No.  |
|------------------------|---|------------------|----------------------|-------------|
| Innco system           | CO3000 / Controller(Antenna mast)                       | N/A              | N/A                  | CO3000-4p   |
| Innco system           | MA4640/800-XP-EP / Antenna Position Tower               | N/A              | N/A                  | N/A         |
| Emco                   | 2090 / Controller                                       | N/A              | N/A                  | 060520      |
| Ets                    | Turn Table  | N/A              | N/A                  | N/A         |
| Rohde & Schwarz        | Loop Antenna  | 08/23/2018       | Biennial             | 1513-175    |
| Schwarzbeck            | VULB 9160 / Hybrid Antenna                              | 08/09/2018       | Biennial             | 3368        |
| Schwarzbeck            | BBHA 9120D / Horn Antenna                               | 11/21/2017       | Biennial             | 9120D-1191  |
| Schwarzbeck            | BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)                | 12/04/2017       | Biennial             | BBHA9170541 |
| Rohde & Schwarz        | FSP(9 kHz ~ 30 GHz) / Spectrum Analyzer                 | 09/19/2018       | Annual               | 836650/016  |
| Rohde & Schwarz        | FSV40-N / Spectrum Analyzer                             | 09/19/2018       | Annual               | 101068-SZ   |
| Wainwright Instruments | WHKX10-2700-3000-18000-40SS / High Pass Filter          | 01/03/2019       | Annual               | 4           |
| Wainwright Instruments | WHKX8-6090-7000-18000-40SS / High Pass Filter           | 01/03/2019       | Annual               | 5           |
| Wainwright Instruments | WRCJV2400/2483.5-2370/2520-60/12SS / Band Reject Filter | 06/19/2019       | Annual               | 2           |
| Wainwright Instruments | WRCJV5100/5850-40/50-8EEK / Band Reject Filter          | 01/03/2019       | Annual               | 2           |
| Api tech.              | 18B-03 / Attenuator (3 dB)                              | 06/04/2019       | Annual               | 2           |
| WEINSCHTEL             | 56-10 / Attenuator(10 dB)                               | 10/10/2018       | Annual               | 72316       |
| CERNEX                 | CBLU1183540B-01/Broadband Bench Top LNA                 | 01/03/2019       | Annual               | 28549       |
| CERNEX                 | CBL06185030 / Broadband Low Noise Amplifier             | 01/03/2019       | Annual               | 24615       |
| CERNEX                 | CBL18265035 / Power Amplifier                           | 01/03/2019       | Annual               | 22966       |
| CERNEX                 | CBL26405040 / Power Amplifier                           | 06/18/2019       | Annual               | 25956       |
| TESCOM                 | TC-3000C / Bluetooth Tester                             | 03/26/2019       | Annual               | 3000C000276 |

**Note:**

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

## 12. ANNEX A\_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

| No. | Description         |
|-----|---------------------|
| 1   | HCT-RF-1907-FI014-P |