

FCC C2PC Test Report

FCC ID : QXO-4200
Equipment : Wireless 802.11 ac/a + b/g/n Access Point
Model No. : WS-AP3805i, WS-AP3801i, WS-AP3805e
Brand Name : Extreme Networks
Applicant : Extreme Networks, Inc.
Address : 9 Northeastern Blvd., Salem, New Hampshire,
United States, 03079
Standard : 47 CFR FCC Part 15.407
Received Date : Jun. 11, 2014
Tested Date : Jun. 11 ~ Nov. 10, 2014

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:



Gary Chang / Manager



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Release Record

| Report No. | Version | Description | Issued Date |
|---------------|---------|---------------|---------------|
| FR482702-01AN | Rev. 01 | Initial issue | Dec. 17, 2014 |

Summary of Test Results

| FCC Rules | Test Items | Measured | Result |
|---------------------|-----------------------------|---|--------|
| 15.207 | Conducted Emissions | [dBuV]: 0.393MHz 45.93 (Margin -2.06dB) - AV | Pass |
| 15.407(b) 15.209 | Radiated Emissions | [dBuV/m at 3m]: 5470.00MHz 53.00 (Margin -1.00dB) - AV [dBuV/m at 3m]: 5350.00MHz 73.00 (Margin -1.00dB) – PK [dBuV/m at 3m]: 5725.00MHz 53.00 (Margin -1.00dB) - AV | Pass |
| 15.407(a) | Emission Bandwidth | Meet the requirement of limit | Pass |
| 15.407(a) | RF Output Power | Max Power [dBm]: 5250~5350MHz: 23.90 5470~5725MHz: 23.79 | Pass |
| 15.407(a) | Peak Power Spectral Density | Meet the requirement of limit | Pass |
| 15.407(g) | Frequency Stability | Meet the requirement of limit | Pass |
| 15.203 | Antenna Requirement | Meet the requirement of limit | Pass |

1 General Description

1.1 Information

This report is issued as a FCC Class II Permissive Change. The modification is only concerned with adding 5250~5350MHz and 5470~5725 MHz band by software setting.

1.1.1 Product Details

The following models are provided to this EUT.

| Brand Name | Model Name | Product Name | Description |
|------------------|------------|---|-------------------------|
| Extreme Networks | WS-AP3805i | Wireless 802.11 ac/a + b/g/n Access Point | Internal PIFA antenna |
| Extreme Networks | WS-AP3801i | Wireless 802.11 ac/a + b/g/n Access Point | Internal PIFA antenna |
| Extreme Networks | WS-AP3805e | Wireless 802.11 ac/a + b/g/n Access Point | External Dipole antenna |

Note: The AP3805i and AP3801i use identical hardware. The only difference is the AP3801i is software limited to prevent simultaneous operation in the 2.4 GHz and 5GHz bands.

1.1.2 Specification of the Equipment under Test (EUT)

| RF General Information | | | | | |
|------------------------|------------------|------------------------|--------------------------|------------------------------------|-----------------|
| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Freq. (MHz) | Channel Number | Transmit Chains (N _{TX}) | Data Rate / MCS |
| 5250-5350 5470-5725 | a | 5260-5320 5500-5720 | 52-64 [4] 100-144 [9] | 2 | 6-54 Mbps |
| 5250-5350 5470-5725 | n (HT20) | 5260-5320 5500-5720 | 52-64 [4] 100-144 [9] | 2 | MCS 0-15 |
| 5250-5350 5470-5725 | n (HT40) | 5270-5310 5510-5710 | 54-62 [2] 102-142 [4] | 2 | MCS 0-15 |
| 5250-5350 5470-5725 | ac (VHT20) | 5260-5320 5500-5720 | 52-64 [4] 100-144 [9] | 2 | MCS 0-8 |
| 5250-5350 5470-5725 | ac (VHT40) | 5270-5310 5510-5710 | 54-62 [2] 102-142 [4] | 2 | MCS 0-9 |
| 5250-5350 5470-5725 | ac (VHT80) | 5290 5530~5690 | 58 [1] 106-138 [2] | 2 | MCS 0-9 |

Note 1: RF output power specifies that Maximum Conducted Output Power.
 Note 2: 802.11a/n/ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
 Note 3: The device has disabled the 5600-5650MHz band by S/W setting.

1.1.3 Antenna Details

| Ant. No. | Model | Type | Connector | Operating Frequencies (MHz) / Antenna Gain (dBi) | |
|----------|---------------|-------------------|-----------|--|-----------|
| | | | | 5250~5350 | 5470~5725 |
| 1 | 5718A0077300 | PIFA | I-Pex | 5.54 | 5.98 |
| 2 | 5718A0076300 | PIFA | I-Pex | 4.63 | 5.63 |
| 3 | 7102A0301000 | Dipole | R SMA | 3.20 | 3.11 |
| 4 | WS-AI-DQ04360 | Directional Panel | RPSMA | 7 | 7 |
| 5 | WS-AI-DD05120 | Directional Panel | RPSMA | 5 | 5 |

1.1.4 Power Supply Type of Equipment under Test (EUT)

| | |
|--------------------------|-------------------------------------|
| Power Supply Type | 12Vdc from adapter / 48Vdc from PoE |
|--------------------------|-------------------------------------|

1.1.5 Accessories & Support Units

| Accessories & Support Units | | |
|-----------------------------|--|--|
| No. | Equipment | Description |
| 1 | Power Supply Type 1 Adapter | Brand: Powertron Electronics Corp. Model: PA1015-2I I/P: 100-240Vac, 50-60Hz, 0.4A O/P: 12Vdc, 1.25A, 15W Power line: 1.2m non-shielded with one core |
| 2 | Power Supply Type 2 With POE injector (Model: EPE-48GR) **Support unit only | Brand: Powertron Electronics Corp. Model: PA1040-480IB080 I/P: 100-240Vac, 50-60Hz, 1.5A O/P: 48Vdc, 0.8A, 38.4W max Power line: 1.5m non-shielded with one core |

1.1.6 Channel List

| 802.11 a / HT20 / VHT20 | | HT40 / VHT40 | |
|-------------------------|----------------|---------------|----------------|
| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
| 52 | 5260 | 54 | 5270 |
| 56 | 5280 | 62 | 5310 |
| 60 | 5300 | 102 | 5510 |
| 64 | 5320 | 110 | 5550 |
| 100 | 5500 | 134 | 5670 |
| 104 | 5520 | 142 | 5710 |
| 108 | 5540 | VHT 80 | |
| 112 | 5560 | 58 | 5290 |
| 116 | 5580 | 106 | 5530 |
| 132 | 5660 | 138 | 5690 |
| 136 | 5680 | --- | --- |
| 140 | 5700 | --- | --- |
| 144 | 5720 | --- | --- |

1.1.7 Test Tool and Duty Cycle

| Test Tool | ART2-GUI, V4_9_575_5_CS_U3 | | |
|----------------------------|----------------------------|----------------|------------------|
| Duty Cycle and Duty Factor | Mode | Duty cycle (%) | Duty factor (dB) |
| | 11a | 98.26% | 0.08 |
| | VHT20 | 98.15% | 0.08 |
| | VHT40 | 94.93% | 0.23 |
| | VHT80 | 88.46% | 0.53 |

1.1.8 Power Setting

For internal PIFA antenna

| For Frequency band 5250~5350 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5260 | 16.5 |
| 11a | 5300 | 16.5 |
| 11a | 5320 | 17 |
| HT20 | 5260 | 17 |
| HT20 | 5300 | 17 |
| HT20 | 5320 | 17 |
| HT40 | 5270 | 20.00 |
| HT40 | 5310 | 17.00 |
| VHT20 | 5260 | 17 |
| VHT20 | 5300 | 17 |
| VHT20 | 5320 | 17 |
| VHT40 | 5270 | 20.00 |
| VHT40 | 5310 | 17.00 |
| VHT80 | 5290 | 12 |

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5500 | 16.00 |
| 11a | 5580 | 16.00 |
| 11a | 5700 | 16.00 |
| HT20 | 5500 | 17 |
| HT20 | 5580 | 16.5 |
| HT20 | 5700 | 16 |
| HT40 | 5510 | 14.50 |
| HT40 | 5550 | 19.00 |
| HT40 | 5670 | 18.00 |
| VHT20 | 5500 | 17 |
| VHT20 | 5580 | 16.5 |
| VHT20 | 5700 | 16 |
| VHT40 | 5510 | 14.50 |
| VHT40 | 5550 | 19 |
| VHT40 | 5670 | 18.00 |
| VHT80 | 5530 | 12.50 |

Channel that extends across the 5.725 GHz boundary

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5720 | 16 |
| HT20 | 5720 | 16.5 |
| HT40 | 5710 | 19 |
| VHT20 | 5720 | 16.5 |
| VHT40 | 5710 | 19 |
| VHT80 | 5690 | 19 |

For external Dipole antenna

| For Frequency band 5250~5350 MHz | | |
|---|-----------------------------|------------------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5260 | 18.50 |
| 11a | 5300 | 18.50 |
| 11a | 5320 | 18.50 |
| HT20 | 5260 | 18.50 |
| HT20 | 5300 | 18.50 |
| HT20 | 5320 | 18.00 |
| HT40 | 5270 | 20.00 |
| HT40 | 5310 | 16.00 |
| VHT20 | 5260 | 18.50 |
| VHT20 | 5300 | 18.50 |
| VHT20 | 5320 | 18.00 |
| VHT40 | 5270 | 20.00 |
| VHT40 | 5310 | 16.00 |
| VHT80 | 5290 | 14.50 |

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5500 | 19 |
| 11a | 5580 | 19 |
| 11a | 5700 | 18 |
| HT20 | 5500 | 19 |
| HT20 | 5580 | 19 |
| HT20 | 5700 | 17.5 |
| HT40 | 5510 | 15 |
| HT40 | 5550 | 19.5 |
| HT40 | 5670 | 18.50 |
| VHT20 | 5500 | 19 |
| VHT20 | 5580 | 19 |
| VHT20 | 5700 | 17.5 |
| VHT40 | 5510 | 15 |
| VHT40 | 5550 | 19.5 |
| VHT40 | 5670 | 18.50 |
| VHT80 | 5530 | 12.00 |

Channel that extends across the 5.725 GHz boundary

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5720 | 18.5 |
| HT20 | 5720 | 19 |
| HT40 | 5710 | 19.5 |
| VHT20 | 5720 | 19 |
| VHT40 | 5710 | 19.5 |
| VHT80 | 5690 | 19.5 |

For external Directional Panel antenna (model WS-AI-DQ04360)

| For Frequency band 5250~5350 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5260 | 15.5 |
| 11a | 5300 | 15.5 |
| 11a | 5320 | 15.5 |
| HT20 | 5260 | 16 |
| HT20 | 5300 | 15.5 |
| HT20 | 5320 | 15.5 |
| HT40 | 5270 | 18.50 |
| HT40 | 5310 | 14.00 |
| VHT20 | 5260 | 16 |
| VHT20 | 5300 | 15.5 |
| VHT20 | 5320 | 15.5 |
| VHT40 | 5270 | 18.50 |
| VHT40 | 5310 | 14.00 |
| VHT80 | 5290 | 11.5 |

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5500 | 16 |
| 11a | 5580 | 15.5 |
| 11a | 5700 | 15 |
| HT20 | 5500 | 16.5 |
| HT20 | 5580 | 16 |
| HT20 | 5700 | 15.5 |
| HT40 | 5510 | 14.00 |
| HT40 | 5550 | 18.50 |
| HT40 | 5670 | 18.00 |
| VHT20 | 5500 | 16.5 |
| VHT20 | 5580 | 16 |
| VHT20 | 5700 | 15.5 |
| VHT40 | 5510 | 14.00 |
| VHT40 | 5550 | 18.50 |
| VHT40 | 5670 | 18.00 |
| VHT80 | 5530 | 12.00 |

Channel that extends across the 5.725 GHz boundary

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5720 | 15 |
| HT20 | 5720 | 15.5 |
| HT40 | 5710 | 18 |
| VHT20 | 5720 | 15.5 |
| VHT40 | 5710 | 18 |
| VHT80 | 5690 | 18 |

For external Directional Panel antenna (model WS-AI-DD05120)

| For Frequency band 5250~5350 MHz | | |
|---|-----------------------------|------------------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5260 | 17 |
| 11a | 5300 | 17 |
| 11a | 5320 | 17 |
| HT20 | 5260 | 17.5 |
| HT20 | 5300 | 17.5 |
| HT20 | 5320 | 17.5 |
| HT40 | 5270 | 19.50 |
| HT40 | 5310 | 15.50 |
| VHT20 | 5260 | 17.5 |
| VHT20 | 5300 | 17.5 |
| VHT20 | 5320 | 17.5 |
| VHT40 | 5270 | 19.50 |
| VHT40 | 5310 | 15.50 |
| VHT80 | 5290 | 13.00 |

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5500 | 18 |
| 11a | 5580 | 17.5 |
| 11a | 5700 | 17 |
| HT20 | 5500 | 17.5 |
| HT20 | 5580 | 17.5 |
| HT20 | 5700 | 16 |
| HT40 | 5510 | 15 |
| HT40 | 5550 | 19.5 |
| HT40 | 5670 | 18.50 |
| VHT20 | 5500 | 17.5 |
| VHT20 | 5580 | 17.5 |
| VHT20 | 5700 | 16 |
| VHT40 | 5510 | 15 |
| VHT40 | 5550 | 19.5 |
| VHT40 | 5670 | 18.50 |
| VHT80 | 5530 | 13.00 |

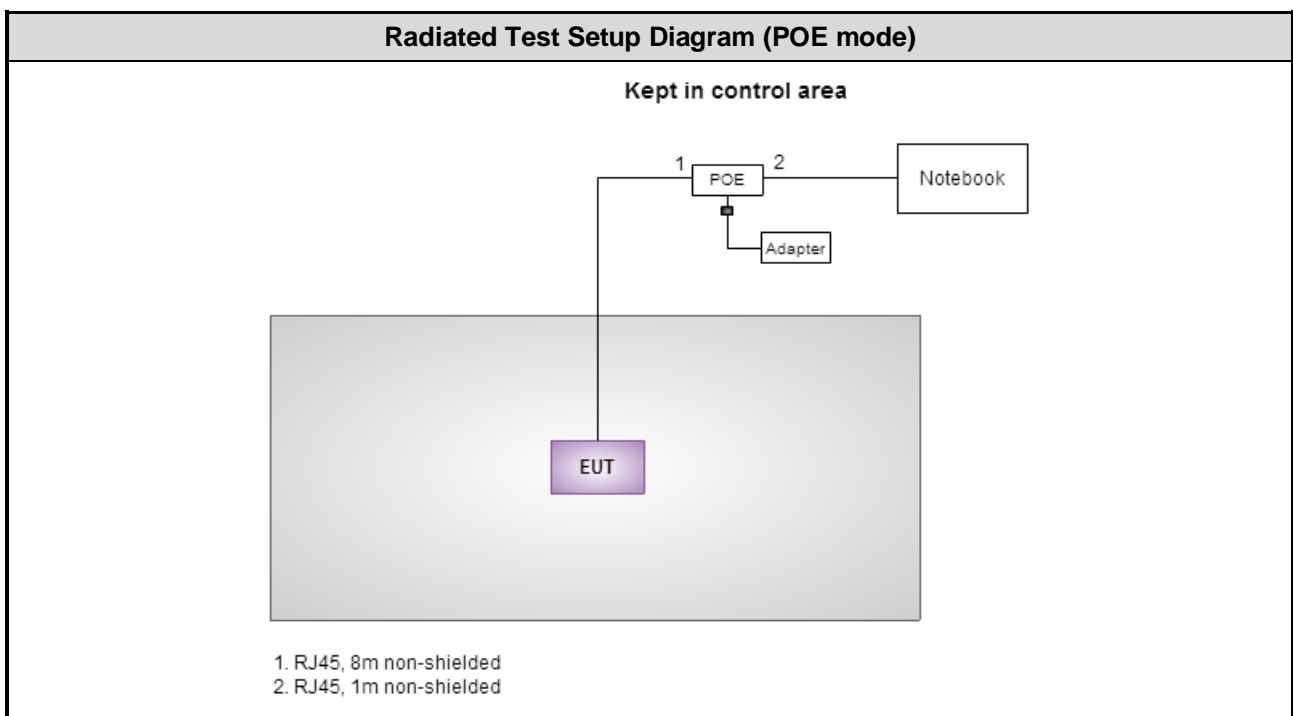
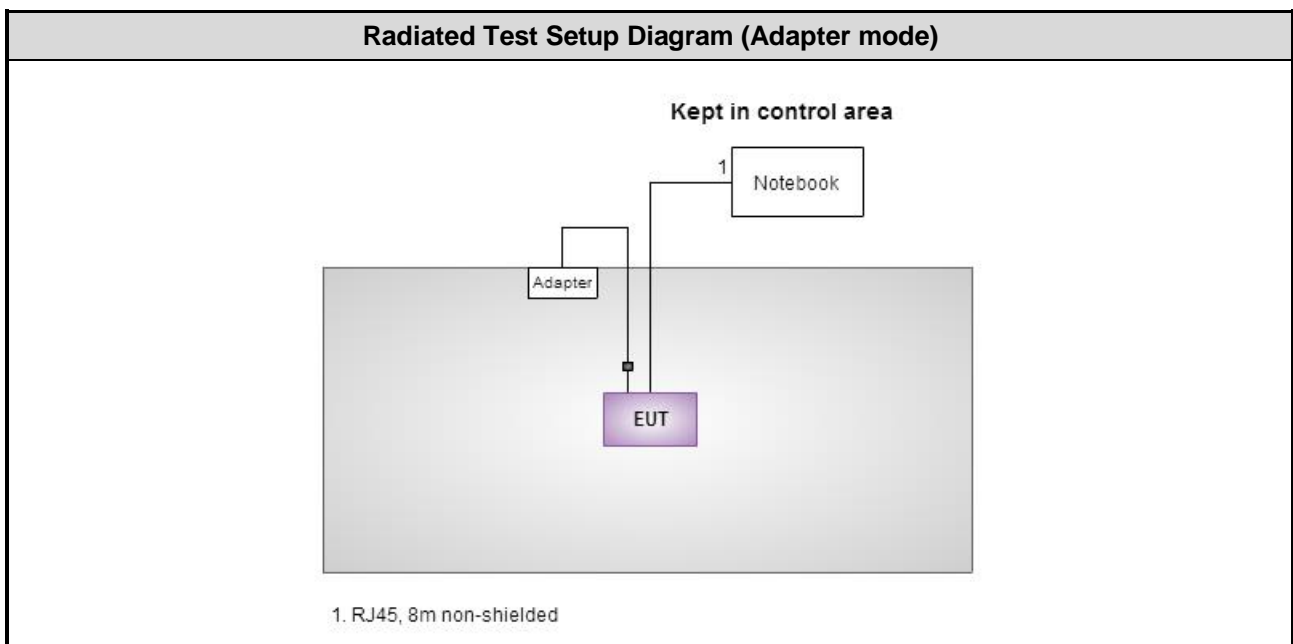
Channel that extends across the 5.725 GHz boundary

| For Frequency band 5470~5725 MHz | | |
|----------------------------------|----------------------|-----------|
| Modulation Mode | Test Frequency (MHz) | Power Set |
| 11a | 5720 | 17 |
| HT20 | 5720 | 17.5 |
| HT40 | 5710 | 19.5 |
| VHT20 | 5720 | 17.5 |
| VHT40 | 5710 | 19.5 |
| VHT80 | 5690 | 19.5 |

1.2 Local Support Equipment List

| Support Equipment List | | | | | |
|------------------------|-----------|-------|-------|--------|---------------------------|
| No. | Equipment | Brand | Model | FCC ID | Signal cable / Length (m) |
| 1 | Notebook | DELL | E6430 | DoC | RJ45, 8m non-shielded. |

1.3 Test Setup Chart



1.4 The Equipment List

| | | | | | |
|-----------------------------------|-------------------------------|------------------|-------------------|-------------------------|--------------------------|
| Test Item | Conducted Emission | | | | |
| Test Site | Conduction room 1 / (CO01-WS) | | | | |
| Tested Date | Jul. 24 ~ Oct. 24, 2014 | | | | |
| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Until |
| EMC Receiver | R&S | ESCS 30 | 100132 | Nov. 14, 2013 | Nov. 13, 2014 |
| LISN | SCHWARZBECK | Schwarzbeck 8127 | 8127-667 | Nov. 23, 2013 | Nov. 22, 2014 |
| LISN (Support Unit) | SCHWARZBECK | Schwarzbeck 8127 | 8127-666 | Dec. 04, 2013 | Dec. 03, 2014 |
| RF Cable-CON | Woken | CFD200-NL | CFD200-NL-001 | Apr. 23, 2014 | Apr. 22, 2015 |
| 50 ohm terminal (Support Unit) | NA | 50 | 04 | Apr. 18, 2014 | Apr. 17, 2015 |
| Measurement Software | AUDIX | e3 | 6.120210k | NA | NA |

Note: Calibration Interval of instruments listed above is one year.

| | | | | | |
|-------------------------|----------------------------|------------------|-------------------|-------------------------|--------------------------|
| Test Item | Radiated Emission | | | | |
| Test Site | 966 chamber1 / (03CH01-WS) | | | | |
| Tested Date | Jun. 11 ~ Oct. 28, 2014 | | | | |
| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer | R&S | FSV40 | 101498 | Jan. 25, 2014 | Jan. 24, 2015 |
| Receiver | R&S | ESR3 | 101658 | Jan. 10, 2014 | Jan. 09, 2015 |
| Bilog Antenna | SCHWARZBECK | VULB9168 | VULB9168-522 | Jan. 23, 2014 | Jan. 22, 2015 |
| Horn Antenna 1G-18G | SCHWARZBECK | BBHA 9120 D | BBHA 9120 D 1096 | Feb. 13, 2014 | Feb. 12, 2015 |
| Horn Antenna 18G-40G | SCHWARZBECK | BBHA 9170 | BBHA 9170517 | Dec. 27, 2013 | Dec. 26, 2014 |
| Preamplifier | Burgeon | BPA-530 | SN:100219 | Dec. 09, 2013 | Dec. 08, 2014 |
| Preamplifier | Agilent | 83017A | MY39501308 | Dec. 16, 2013 | Dec. 15, 2014 |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16014/4 | Dec. 16, 2013 | Dec. 15, 2014 |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16019/4 | Dec. 16, 2013 | Dec. 15, 2014 |
| RF Cable | HUBER+SUHNER | SUCOFLEX104 | MY16139/4 | Dec. 16, 2013 | Dec. 15, 2014 |
| LF cable 3M | Woken | CFD400NL-LW | CFD400NL-001 | Dec. 16, 2013 | Dec. 15, 2014 |
| LF cable 10M | Woken | CFD400NL-LW | CFD400NL-002 | Dec. 16, 2013 | Dec. 15, 2014 |
| Measurement Software | AUDIX | e3 | 6.120210g | NA | NA |

Note: Calibration Interval of instruments listed above is one year.

| | | | | | |
|--------------|-----|---------|--------|---------------|---------------|
| Loop Antenna | R&S | HFH2-Z2 | 100330 | Nov. 15, 2012 | Nov. 14, 2014 |
|--------------|-----|---------|--------|---------------|---------------|

Note: Calibration Interval of instruments listed above is two year.

| | | | | | |
|---|-------------------------|------------------|-------------------|-------------------------|--------------------------|
| Test Item | RF Conducted | | | | |
| Test Site | (TH01-WS) | | | | |
| Tested Date | Nov. 09 ~ Nov. 10, 2014 | | | | |
| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Until |
| Spectrum Analyzer | R&S | FSV40 | 101063 | Feb. 17, 2014 | Feb. 16, 2015 |
| TEMP&HUMIDITY CHAMBER | GIANT FORCE | GCT-225-40-SP-SD | MAF1212-002 | Dec. 11, 2013 | Dec. 10, 2014 |
| Power Meter | Anritsu | ML2495A | 1241002 | Sep. 29, 2014 | Sep. 28, 2015 |
| Power Sensor | Anritsu | MA2411B | 1207366 | Sep. 29, 2014 | Sep. 28, 2015 |
| Measurement Software | Sporton | Sporton_1 | 1.3.30 | NA | NA |
| Note: Calibration Interval of instruments listed above is one year. | | | | | |

1.5 Testing Applied Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.407

ANSI C63.10-2009

FCC KDB 789033 D02 General UNII Test Procedures New Rules v01

FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01

1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

| Measurement Uncertainty | |
|--------------------------|-------------|
| Parameters | Uncertainty |
| Bandwidth | ±34.134 Hz |
| Conducted power | ±0.808 dB |
| Frequency error | ±34.134 Hz |
| Temperature | ±0.6 °C |
| Conducted emission | ±2.670 dB |
| AC conducted emission | ±2.92 dB |
| Radiated emission ≤ 1GHz | ±3.26 dB |
| Radiated emission > 1GHz | ±4.94 dB |

2 Test Configuration

2.1 Testing Condition

| Test Item | Test Site | Ambient Condition | Tested By |
|--------------------|-----------|-------------------|----------------------------|
| AC Conduction | CO01-WS | 22°C / 61-63% | Skys Huang |
| Radiated Emissions | 03CH01-WS | 20-25°C / 63-68% | Anderson Hong Haru Yang |
| RF Conducted | TH01-WS | 22°C / 65% | Brad Wu |

➤ FCC site registration No.: 657002

➤ IC site registration No.: 10807A-1

2.2 The Worst Test Modes and Channel Details

| For Frequency band 5250-5350 MHz, 5470-5725 MHz | | | | |
|--|-----------------|---|-----------|------------------------|
| Test item | Modulation Mode | Test Frequency (MHz) | Data Rate | Test Configuration |
| Conducted Emissions | VHT40 | 5270 | MCS 0 | 1, 2, 3, 4, 5, 6, 7, 8 |
| Radiated Emissions ≤1GHz | VHT40 | 5270 | MCS 0 | 1, 2, 3, 4, 5, 6, 7, 8 |
| RF Output Power | 11a | 5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720 | 6 Mbps | 1, 2, 3, 4 |
| | HT20 | 5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720 | MCS 0 | |
| | HT40 | 5270 / 5310 5510 / 5550 / 5670 / 5710 | MCS 0 | |
| | VHT20 | 5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720 | MCS 0 | |
| | VHT40 | 5270 / 5310 5510 / 5550 / 5670 / 5710 | MCS 0 | |
| | VHT80 | 5290 / 5530 / 5690 | MCS 0 | |
| Radiated Emissions >1GHz Emission Bandwidth Peak Power Spectral Density | 11a | 5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720 | 6 Mbps | 1, 2, 3, 4 |
| | VHT20 | 5260 / 5300 / 5320 5500 / 5580 / 5700 / 5720 | MCS 0 | |
| | VHT40 | 5270 / 5310 5510 / 5550 / 5670 / 5710 | MCS 0 | |
| | VHT80 | 5290 / 5530 / 5690 | MCS 0 | |
| Frequency Stability | Un-modulation | 5320 | --- | 1, 2, 3, 4 |
| NOTE: | | | | |
| 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. Refer to the following configurations for each worst case plane. | | | | |
| 2. The final test configurations are listed as follows: | | | | |
| 1) Configuration 1: Internal PIFA antenna, Adapter mode, Y-plane. | | | | |
| 2) Configuration 2: External Dipole antenna, Adapter mode, X-plane. | | | | |
| 3) Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360), Adapter mode, X-plane. | | | | |
| 4) Configuration 4: External Directional Panel antenna (model WS-AI-DD05120), Adapter mode, X-plane. | | | | |
| 5) Configuration 5: Internal PIFA antenna, POE mode, Y-plane. | | | | |
| 6) Configuration 6: External Dipole antenna, POE mode, X-plane. | | | | |
| 7) Configuration 7: External Directional Panel antenna (model WS-AI-DQ04360), POE mode, X-plane. | | | | |
| 8) Configuration 8: External Directional Panel antenna (model WS-AI-DD05120), POE mode, X-plane. | | | | |

3 Transmitter Test Results

3.1 Conducted Emissions

3.1.1 Limit of Conducted Emissions

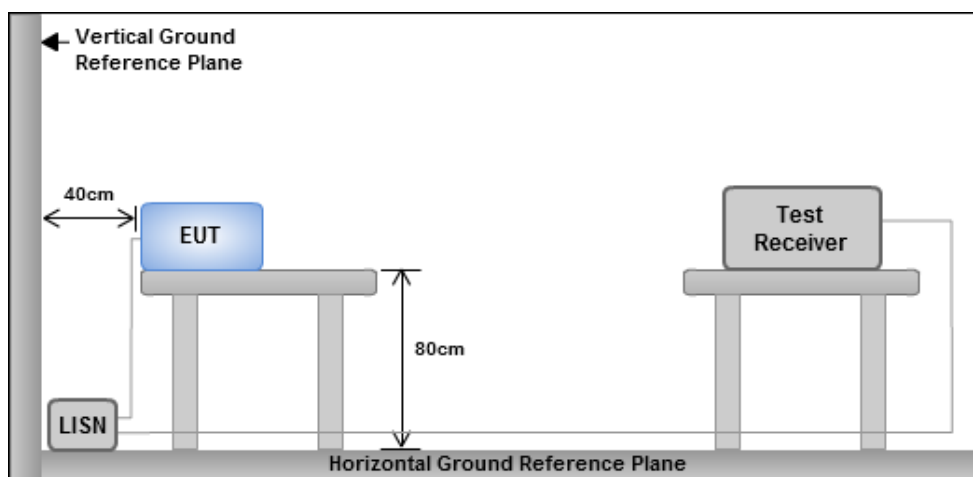
| Conducted Emissions Limit | | |
|---------------------------|------------|-----------|
| Frequency Emission (MHz) | Quasi-Peak | Average |
| 0.15-0.5 | 66 - 56 * | 56 - 46 * |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Test Procedures

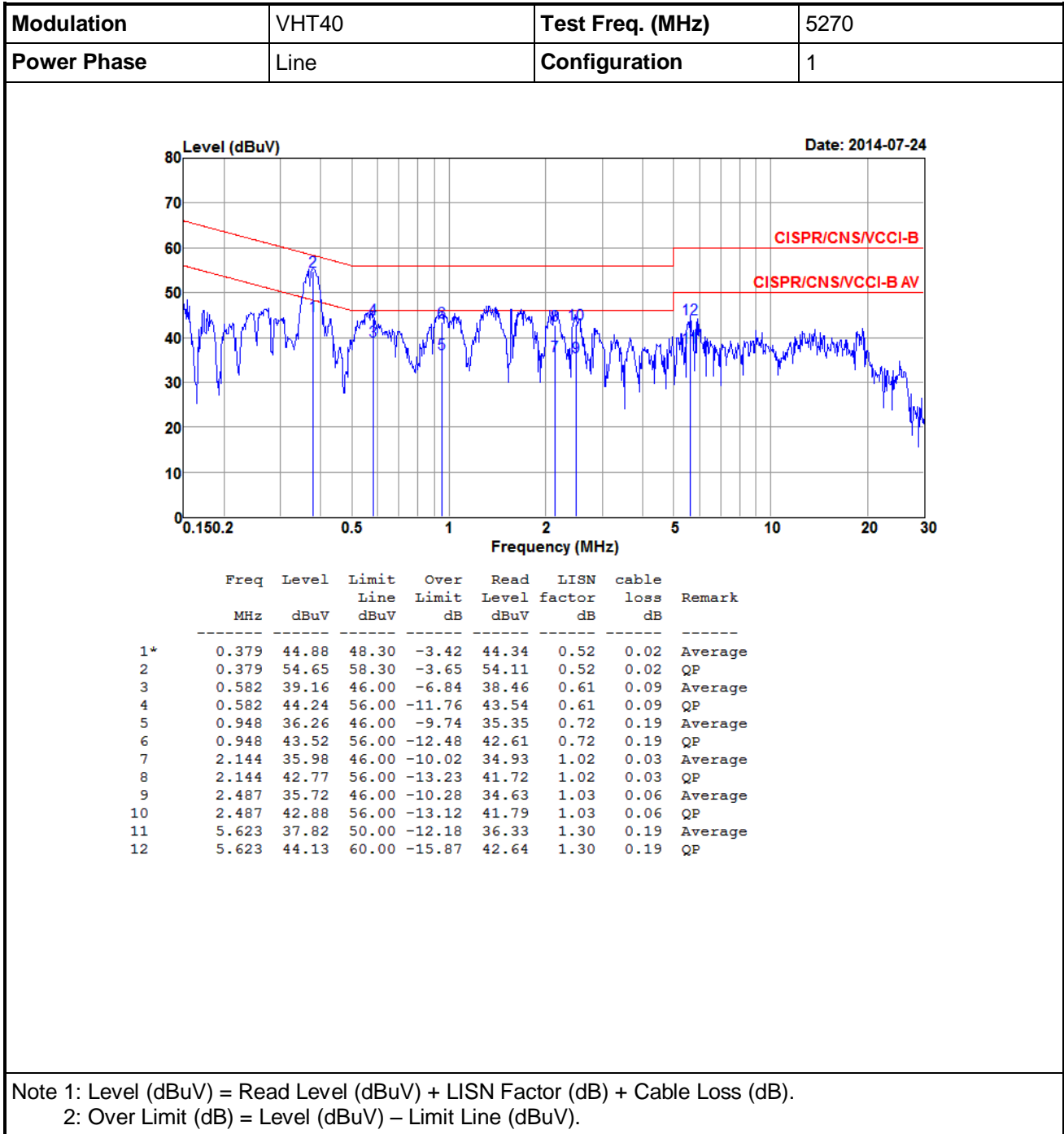
1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.1.3 Test Setup

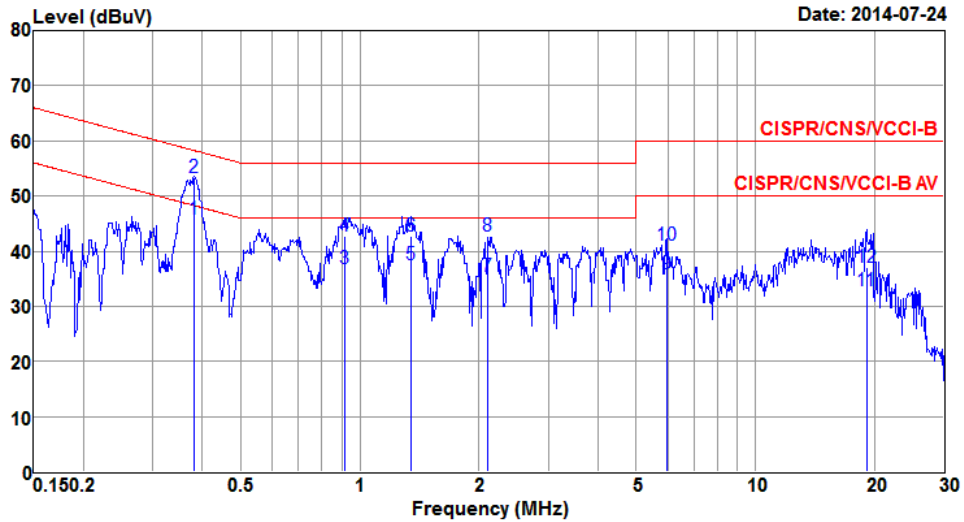


- Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.4 Test Result of Conducted Emissions (Configuration 1: Internal PIFA antenna)



| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 1 |

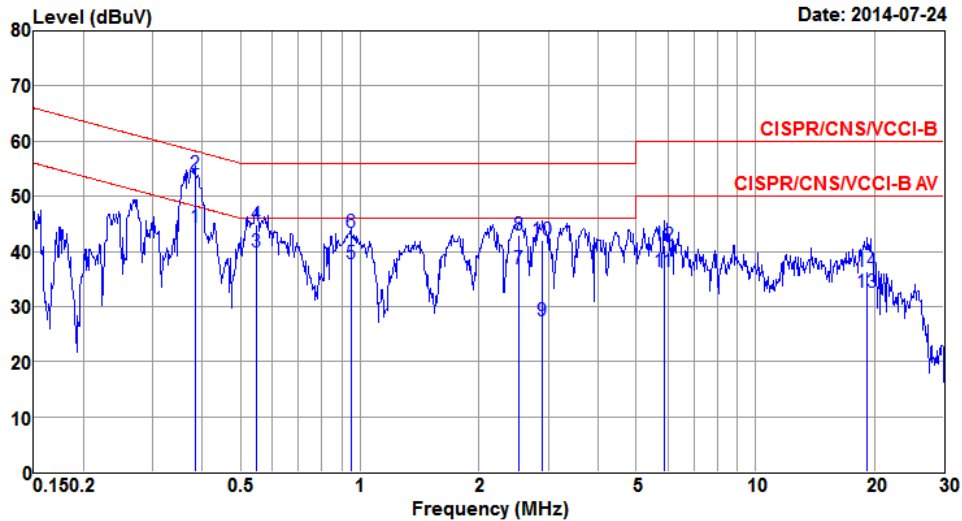


| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|----|--------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1* | 0.381 | 45.69 | 48.25 | -2.56 | 45.07 | 0.60 | 0.02 | Average |
| 2 | 0.381 | 53.45 | 58.25 | -4.80 | 52.83 | 0.60 | 0.02 | QP |
| 3 | 0.914 | 36.78 | 46.00 | -9.22 | 35.82 | 0.78 | 0.18 | Average |
| 4 | 0.914 | 42.65 | 56.00 | -13.35 | 41.69 | 0.78 | 0.18 | QP |
| 5 | 1.352 | 37.56 | 46.00 | -8.44 | 36.51 | 0.93 | 0.12 | Average |
| 6 | 1.352 | 42.79 | 56.00 | -13.21 | 41.74 | 0.93 | 0.12 | QP |
| 7 | 2.110 | 35.40 | 46.00 | -10.60 | 34.28 | 1.09 | 0.03 | Average |
| 8 | 2.110 | 42.63 | 56.00 | -13.37 | 41.51 | 1.09 | 0.03 | QP |
| 9 | 5.961 | 35.99 | 50.00 | -14.01 | 34.41 | 1.39 | 0.19 | Average |
| 10 | 5.961 | 40.99 | 60.00 | -19.01 | 39.41 | 1.39 | 0.19 | QP |
| 11 | 19.122 | 32.72 | 50.00 | -17.28 | 29.80 | 2.54 | 0.38 | Average |
| 12 | 19.122 | 37.09 | 60.00 | -22.91 | 34.17 | 2.54 | 0.38 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.1.5 Test Result of Conducted Emissions (Configuration 2: External Dipole antenna)

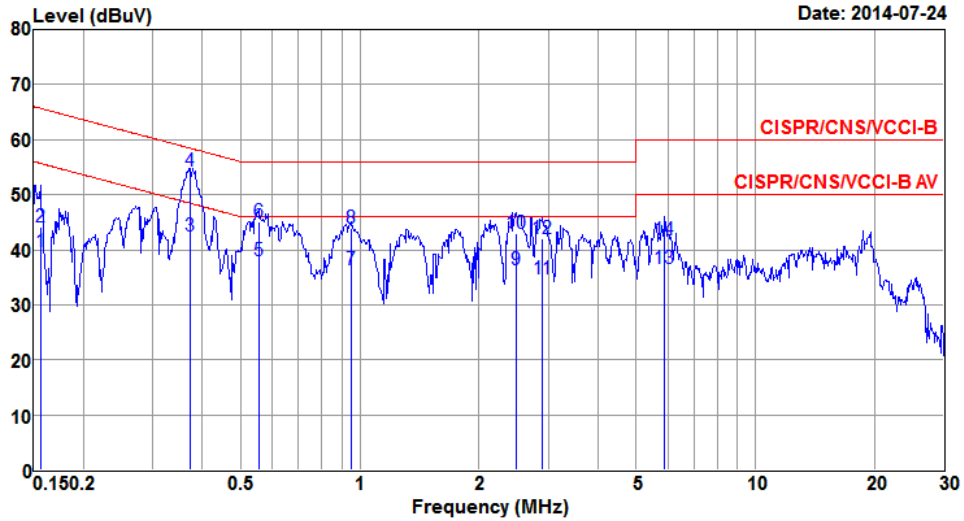
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 2 |



| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|----|--------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1* | 0.383 | 44.44 | 48.21 | -3.77 | 43.90 | 0.52 | 0.02 | Average |
| 2 | 0.383 | 54.14 | 58.21 | -4.07 | 53.60 | 0.52 | 0.02 | QP |
| 3 | 0.549 | 39.98 | 46.00 | -6.02 | 39.30 | 0.60 | 0.08 | Average |
| 4 | 0.549 | 44.82 | 56.00 | -11.18 | 44.14 | 0.60 | 0.08 | QP |
| 5 | 0.948 | 37.70 | 46.00 | -8.30 | 36.79 | 0.72 | 0.19 | Average |
| 6 | 0.948 | 43.50 | 56.00 | -12.50 | 42.59 | 0.72 | 0.19 | QP |
| 7 | 2.527 | 36.83 | 46.00 | -9.17 | 35.74 | 1.03 | 0.06 | Average |
| 8 | 2.527 | 43.01 | 56.00 | -12.99 | 41.92 | 1.03 | 0.06 | QP |
| 9 | 2.900 | 27.41 | 46.00 | -18.59 | 26.28 | 1.04 | 0.09 | Average |
| 10 | 2.900 | 42.05 | 56.00 | -13.95 | 40.92 | 1.04 | 0.09 | QP |
| 11 | 5.867 | 36.36 | 50.00 | -13.64 | 34.84 | 1.33 | 0.19 | Average |
| 12 | 5.867 | 41.18 | 60.00 | -18.82 | 39.66 | 1.33 | 0.19 | QP |
| 13 | 19.224 | 32.62 | 50.00 | -17.38 | 30.16 | 2.07 | 0.39 | Average |
| 14 | 19.224 | 36.43 | 60.00 | -23.57 | 33.97 | 2.07 | 0.39 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 2 |

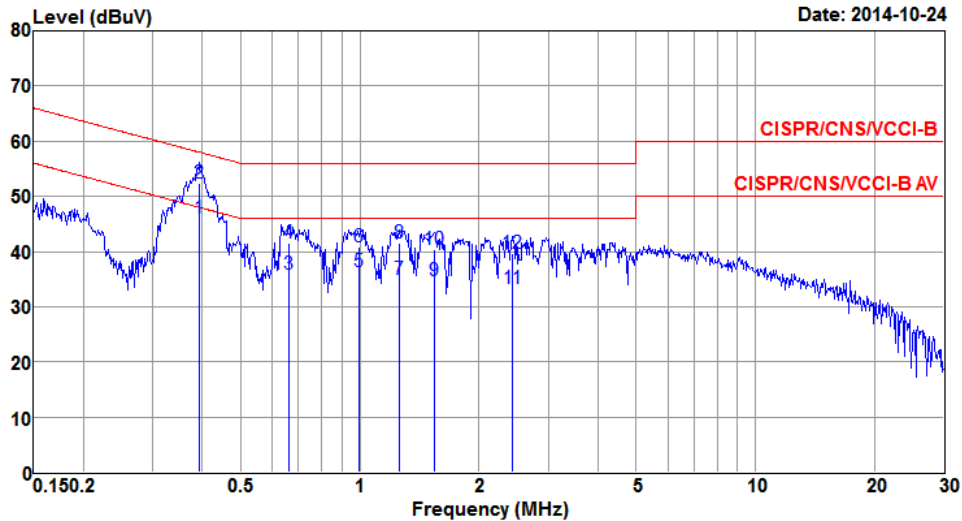


| | Freq | Level | Limit | Over | Read | LISN | cable | |
|----|-------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | Remark |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1 | 0.156 | 39.56 | 55.69 | -16.13 | 39.05 | 0.49 | 0.02 | Average |
| 2 | 0.156 | 44.23 | 65.69 | -21.46 | 43.72 | 0.49 | 0.02 | QP |
| 3 | 0.373 | 42.56 | 48.43 | -5.87 | 41.94 | 0.60 | 0.02 | Average |
| 4* | 0.373 | 54.26 | 58.43 | -4.17 | 53.64 | 0.60 | 0.02 | QP |
| 5 | 0.555 | 38.10 | 46.00 | -7.90 | 37.34 | 0.68 | 0.08 | Average |
| 6 | 0.555 | 45.17 | 56.00 | -10.83 | 44.41 | 0.68 | 0.08 | QP |
| 7 | 0.953 | 36.34 | 46.00 | -9.66 | 35.36 | 0.79 | 0.19 | Average |
| 8 | 0.953 | 43.80 | 56.00 | -12.20 | 42.82 | 0.79 | 0.19 | QP |
| 9 | 2.487 | 36.30 | 46.00 | -9.70 | 35.14 | 1.10 | 0.06 | Average |
| 10 | 2.487 | 42.87 | 56.00 | -13.13 | 41.71 | 1.10 | 0.06 | QP |
| 11 | 2.900 | 34.66 | 46.00 | -11.34 | 33.46 | 1.11 | 0.09 | Average |
| 12 | 2.900 | 42.12 | 56.00 | -13.88 | 40.92 | 1.11 | 0.09 | QP |
| 13 | 5.898 | 36.52 | 50.00 | -13.48 | 34.95 | 1.38 | 0.19 | Average |
| 14 | 5.898 | 41.73 | 60.00 | -18.27 | 40.16 | 1.38 | 0.19 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

3.1.6 Test Result of Conducted Emissions (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

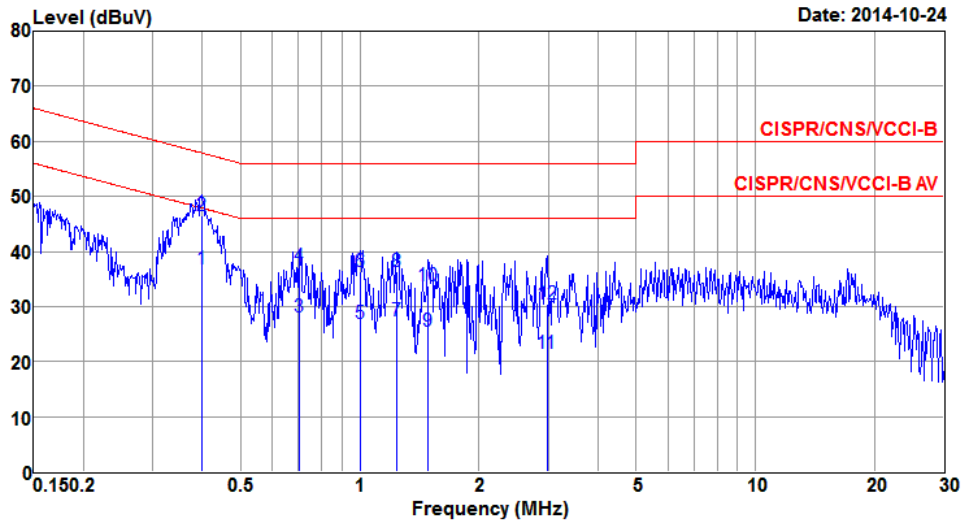
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 3 |



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | LISN factor dB | cable loss dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1* | 0.393 | 45.93 | 47.99 | -2.06 | 45.38 | 0.53 | 0.02 | Average |
| 2 | 0.393 | 52.42 | 57.99 | -5.57 | 51.87 | 0.53 | 0.02 | QP |
| 3 | 0.661 | 35.99 | 46.00 | -10.01 | 35.33 | 0.64 | 0.02 | Average |
| 4 | 0.661 | 41.63 | 56.00 | -14.37 | 40.97 | 0.64 | 0.02 | QP |
| 5 | 0.992 | 36.41 | 46.00 | -9.59 | 35.66 | 0.73 | 0.02 | Average |
| 6 | 0.992 | 40.81 | 56.00 | -15.19 | 40.06 | 0.73 | 0.02 | QP |
| 7 | 1.255 | 35.04 | 46.00 | -10.96 | 34.20 | 0.82 | 0.02 | Average |
| 8 | 1.255 | 41.65 | 56.00 | -14.35 | 40.81 | 0.82 | 0.02 | QP |
| 9 | 1.544 | 34.61 | 46.00 | -11.39 | 33.69 | 0.90 | 0.02 | Average |
| 10 | 1.544 | 40.45 | 56.00 | -15.55 | 39.53 | 0.90 | 0.02 | QP |
| 11 | 2.435 | 33.23 | 46.00 | -12.77 | 32.14 | 1.03 | 0.06 | Average |
| 12 | 2.435 | 39.77 | 56.00 | -16.23 | 38.68 | 1.03 | 0.06 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 3 |

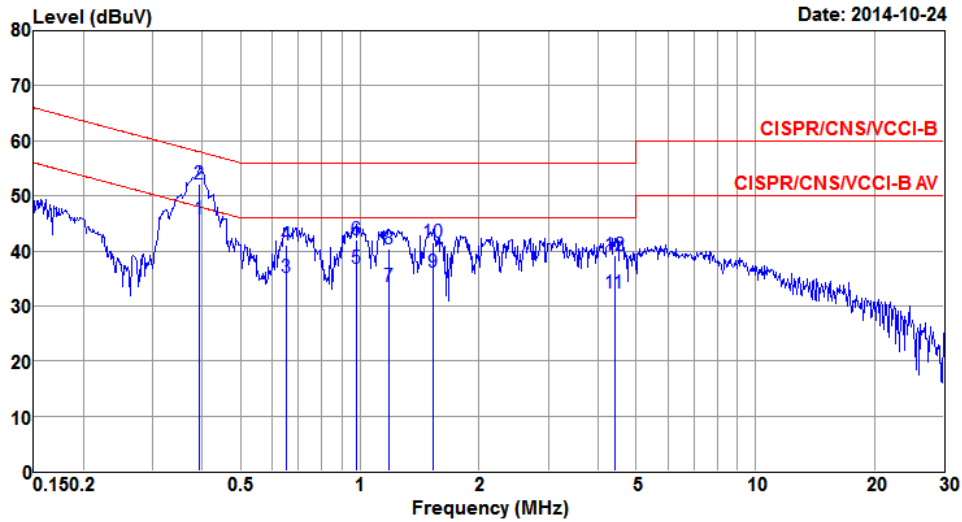


| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|----|-------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1* | 0.398 | 36.86 | 47.90 | -11.04 | 36.23 | 0.61 | 0.02 | Average |
| 2 | 0.398 | 46.50 | 57.90 | -11.40 | 45.87 | 0.61 | 0.02 | QP |
| 3 | 0.701 | 28.15 | 46.00 | -17.85 | 27.40 | 0.73 | 0.02 | Average |
| 4 | 0.701 | 37.34 | 56.00 | -18.66 | 36.59 | 0.73 | 0.02 | QP |
| 5 | 1.005 | 26.81 | 46.00 | -19.19 | 25.99 | 0.80 | 0.02 | Average |
| 6 | 1.005 | 36.36 | 56.00 | -19.64 | 35.54 | 0.80 | 0.02 | QP |
| 7 | 1.242 | 27.29 | 46.00 | -18.71 | 26.38 | 0.89 | 0.02 | Average |
| 8 | 1.242 | 36.34 | 56.00 | -19.66 | 35.43 | 0.89 | 0.02 | QP |
| 9 | 1.487 | 25.41 | 46.00 | -20.59 | 24.42 | 0.97 | 0.02 | Average |
| 10 | 1.487 | 33.65 | 56.00 | -22.35 | 32.66 | 0.97 | 0.02 | QP |
| 11 | 2.978 | 21.47 | 46.00 | -24.53 | 20.27 | 1.11 | 0.09 | Average |
| 12 | 2.978 | 30.49 | 56.00 | -25.51 | 29.29 | 1.11 | 0.09 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.1.7 Test Result of Conducted Emissions (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

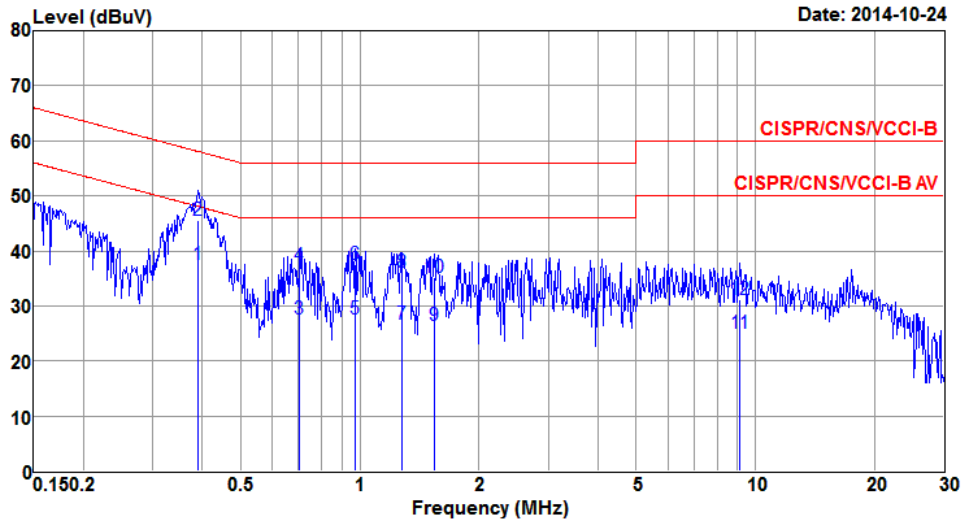
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 4 |



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | LISN factor dB | cable loss dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1* | 0.393 | 45.78 | 47.99 | -2.21 | 45.23 | 0.53 | 0.02 | Average |
| 2 | 0.393 | 52.24 | 57.99 | -5.75 | 51.69 | 0.53 | 0.02 | QP |
| 3 | 0.651 | 35.28 | 46.00 | -10.72 | 34.62 | 0.64 | 0.02 | Average |
| 4 | 0.651 | 41.08 | 56.00 | -14.92 | 40.42 | 0.64 | 0.02 | QP |
| 5 | 0.979 | 36.83 | 46.00 | -9.17 | 36.09 | 0.72 | 0.02 | Average |
| 6 | 0.979 | 42.06 | 56.00 | -13.94 | 41.32 | 0.72 | 0.02 | QP |
| 7 | 1.184 | 33.43 | 46.00 | -12.57 | 32.61 | 0.80 | 0.02 | Average |
| 8 | 1.184 | 40.36 | 56.00 | -15.64 | 39.54 | 0.80 | 0.02 | QP |
| 9 | 1.527 | 36.15 | 46.00 | -9.85 | 35.23 | 0.90 | 0.02 | Average |
| 10 | 1.527 | 41.57 | 56.00 | -14.43 | 40.65 | 0.90 | 0.02 | QP |
| 11 | 4.407 | 32.32 | 46.00 | -13.68 | 31.02 | 1.14 | 0.16 | Average |
| 12 | 4.407 | 39.09 | 56.00 | -16.91 | 37.79 | 1.14 | 0.16 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 4 |



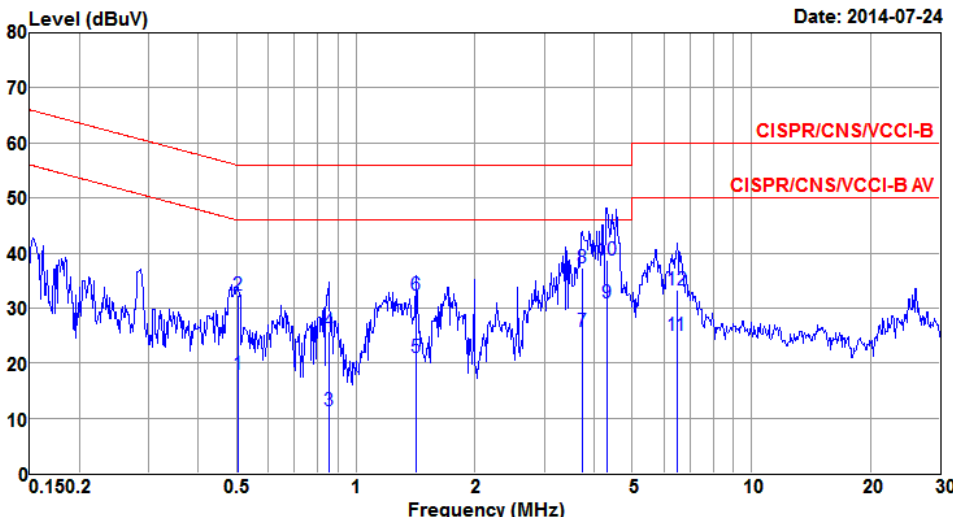
| | Freq | Level | Limit | Over | Read | LISN | cable | |
|----|-------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | Remark |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1* | 0.389 | 37.58 | 48.08 | -10.50 | 36.95 | 0.61 | 0.02 | Average |
| 2 | 0.389 | 45.66 | 58.08 | -12.42 | 45.03 | 0.61 | 0.02 | QP |
| 3 | 0.705 | 27.65 | 46.00 | -18.35 | 26.90 | 0.73 | 0.02 | Average |
| 4 | 0.705 | 37.26 | 56.00 | -18.74 | 36.51 | 0.73 | 0.02 | QP |
| 5 | 0.974 | 27.53 | 46.00 | -18.47 | 26.72 | 0.79 | 0.02 | Average |
| 6 | 0.974 | 37.62 | 56.00 | -18.38 | 36.81 | 0.79 | 0.02 | QP |
| 7 | 1.282 | 26.74 | 46.00 | -19.26 | 25.82 | 0.90 | 0.02 | Average |
| 8 | 1.282 | 36.00 | 56.00 | -20.00 | 35.08 | 0.90 | 0.02 | QP |
| 9 | 1.544 | 26.52 | 46.00 | -19.48 | 25.52 | 0.98 | 0.02 | Average |
| 10 | 1.544 | 35.11 | 56.00 | -20.89 | 34.11 | 0.98 | 0.02 | QP |
| 11 | 9.156 | 24.96 | 50.00 | -25.04 | 23.06 | 1.66 | 0.24 | Average |
| 12 | 9.156 | 31.13 | 60.00 | -28.87 | 29.23 | 1.66 | 0.24 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

3.1.8 Test Result of Conducted Emissions (Configuration 5: Internal PIFA antenna)

| | | | |
|--------------------|-------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 5 |

Date: 2014-07-24

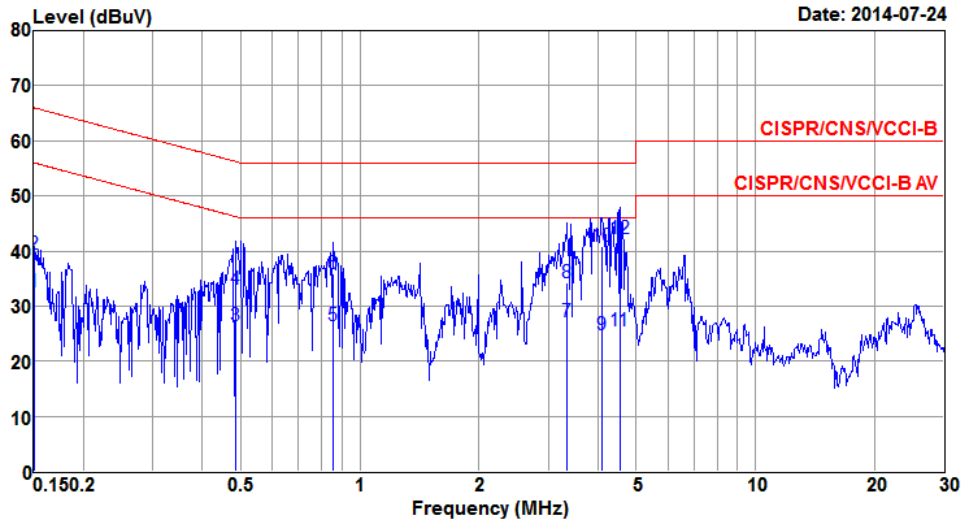


The graph shows the conducted emission level in dBuV versus frequency in MHz. The y-axis ranges from 0 to 80 dBuV, and the x-axis ranges from 0.1502 to 30 MHz. Two red lines represent the CISPR/CNS/VCCI-B and CISPR/CNS/VCCI-B AV limits. The blue line represents the measured emission level. Several peaks are labeled with numbers 1 through 12, corresponding to the data table below.

| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | LISN factor dB | cable loss dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1 | 0.505 | 18.04 | 46.00 | -27.96 | 17.40 | 0.58 | 0.06 | Average |
| 2 | 0.505 | 32.43 | 56.00 | -23.57 | 31.79 | 0.58 | 0.06 | QP |
| 3 | 0.853 | 11.42 | 46.00 | -34.58 | 10.56 | 0.69 | 0.17 | Average |
| 4 | 0.853 | 25.69 | 56.00 | -30.31 | 24.83 | 0.69 | 0.17 | QP |
| 5 | 1.426 | 21.03 | 46.00 | -24.97 | 20.05 | 0.87 | 0.11 | Average |
| 6 | 1.426 | 32.36 | 56.00 | -23.64 | 31.38 | 0.87 | 0.11 | QP |
| 7 | 3.740 | 25.80 | 46.00 | -20.20 | 24.60 | 1.06 | 0.14 | Average |
| 8 | 3.740 | 37.36 | 56.00 | -18.64 | 36.16 | 1.06 | 0.14 | QP |
| 9* | 4.315 | 30.83 | 46.00 | -15.17 | 29.55 | 1.12 | 0.16 | Average |
| 10 | 4.315 | 38.64 | 56.00 | -17.36 | 37.36 | 1.12 | 0.16 | QP |
| 11 | 6.488 | 24.91 | 50.00 | -25.09 | 23.31 | 1.40 | 0.20 | Average |
| 12 | 6.488 | 33.29 | 60.00 | -26.71 | 31.69 | 1.40 | 0.20 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 5 |

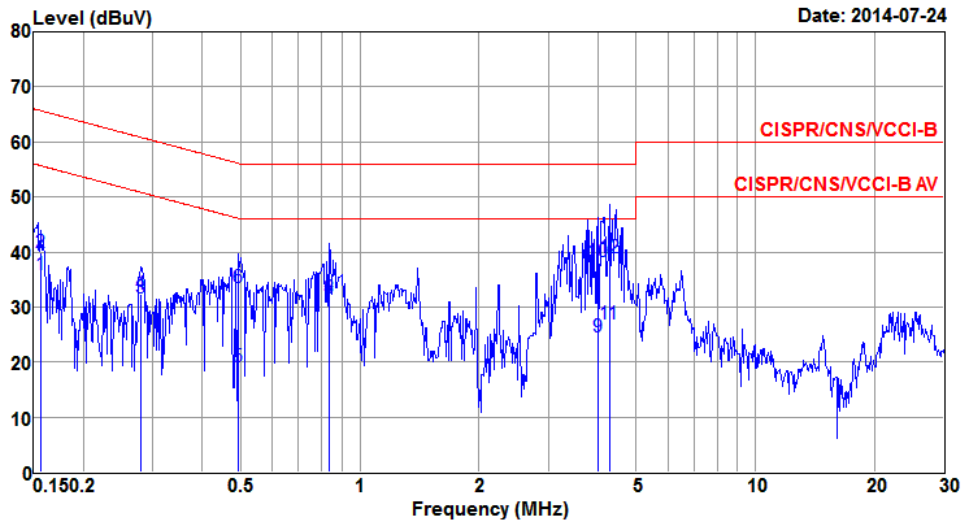


| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|-----|-------|-------|--------------|-------------|---------------|--------------|------------|---------|
| | MHz | dBuV | Line dBuV | Limit dB | Level dBuV | factor dB | loss dB | |
| 1 | 0.151 | 32.55 | 55.96 | -23.41 | 32.04 | 0.49 | 0.02 | Average |
| 2 | 0.151 | 39.31 | 65.96 | -26.65 | 38.80 | 0.49 | 0.02 | QP |
| 3 | 0.486 | 26.34 | 46.23 | -19.89 | 25.63 | 0.65 | 0.06 | Average |
| 4 | 0.486 | 33.08 | 56.23 | -23.15 | 32.37 | 0.65 | 0.06 | QP |
| 5 | 0.853 | 26.37 | 46.00 | -19.63 | 25.43 | 0.77 | 0.17 | Average |
| 6 | 0.853 | 35.92 | 56.00 | -20.08 | 34.98 | 0.77 | 0.17 | QP |
| 7 | 3.346 | 27.10 | 46.00 | -18.90 | 25.86 | 1.12 | 0.12 | Average |
| 8 | 3.346 | 34.25 | 56.00 | -21.75 | 33.01 | 1.12 | 0.12 | QP |
| 9 | 4.092 | 24.80 | 46.00 | -21.20 | 23.51 | 1.14 | 0.15 | Average |
| 10 | 4.092 | 40.77 | 56.00 | -15.23 | 39.48 | 1.14 | 0.15 | QP |
| 11 | 4.549 | 25.61 | 46.00 | -20.39 | 24.24 | 1.21 | 0.16 | Average |
| 12* | 4.549 | 42.27 | 56.00 | -13.73 | 40.90 | 1.21 | 0.16 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.1.9 Test Result of Conducted Emissions (Configuration 6: External Dipole antenna)

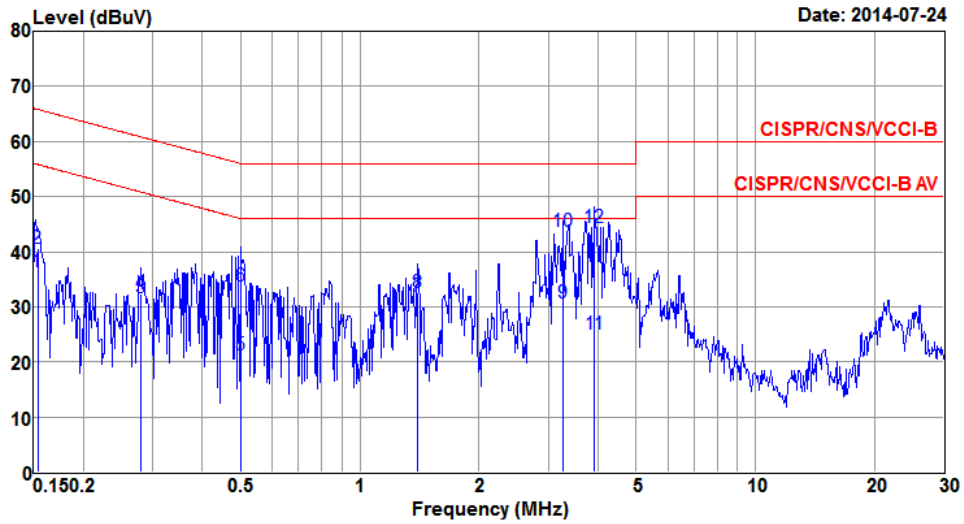
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 6 |



| | Freq | Level | Limit | Over | Read | LISN | cable | |
|----|-------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | Remark |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1 | 0.156 | 35.95 | 55.69 | -19.74 | 35.52 | 0.41 | 0.02 | Average |
| 2 | 0.156 | 39.85 | 65.69 | -25.84 | 39.42 | 0.41 | 0.02 | QP |
| 3 | 0.279 | 31.59 | 50.85 | -19.26 | 31.11 | 0.47 | 0.01 | Average |
| 4 | 0.279 | 32.32 | 60.85 | -28.53 | 31.84 | 0.47 | 0.01 | QP |
| 5 | 0.494 | 19.03 | 46.10 | -27.07 | 18.39 | 0.58 | 0.06 | Average |
| 6 | 0.494 | 33.44 | 56.10 | -22.66 | 32.80 | 0.58 | 0.06 | QP |
| 7* | 0.839 | 30.56 | 46.00 | -15.44 | 29.71 | 0.69 | 0.16 | Average |
| 8 | 0.839 | 31.73 | 56.00 | -24.27 | 30.88 | 0.69 | 0.16 | QP |
| 9 | 4.006 | 24.46 | 46.00 | -21.54 | 23.24 | 1.07 | 0.15 | Average |
| 10 | 4.006 | 38.32 | 56.00 | -17.68 | 37.10 | 1.07 | 0.15 | QP |
| 11 | 4.269 | 26.87 | 46.00 | -19.13 | 25.60 | 1.11 | 0.16 | Average |
| 12 | 4.269 | 38.99 | 56.00 | -17.01 | 37.72 | 1.11 | 0.16 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 6 |

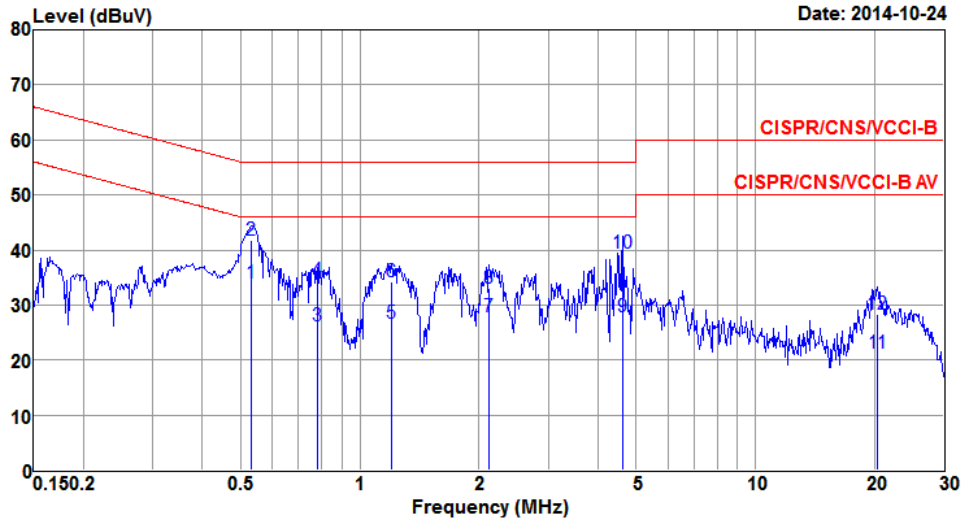


| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|-----|-------|-------|--------------|-------------|---------------|--------------|------------|---------|
| | MHz | dBuV | Line dBuV | Limit dB | Level dBuV | factor dB | loss dB | |
| 1 | 0.153 | 36.43 | 55.82 | -19.39 | 35.92 | 0.49 | 0.02 | Average |
| 2 | 0.153 | 40.66 | 65.82 | -25.16 | 40.15 | 0.49 | 0.02 | QP |
| 3 | 0.279 | 31.67 | 50.85 | -19.18 | 31.10 | 0.56 | 0.01 | Average |
| 4 | 0.279 | 32.42 | 60.85 | -28.43 | 31.85 | 0.56 | 0.01 | QP |
| 5 | 0.499 | 21.17 | 46.01 | -24.84 | 20.45 | 0.66 | 0.06 | Average |
| 6 | 0.499 | 33.71 | 56.01 | -22.30 | 32.99 | 0.66 | 0.06 | QP |
| 7 | 1.403 | 31.76 | 46.00 | -14.24 | 30.71 | 0.94 | 0.11 | Average |
| 8 | 1.403 | 32.48 | 56.00 | -23.52 | 31.43 | 0.94 | 0.11 | QP |
| 9 | 3.258 | 30.77 | 46.00 | -15.23 | 29.54 | 1.12 | 0.11 | Average |
| 10 | 3.258 | 43.73 | 56.00 | -12.27 | 42.50 | 1.12 | 0.11 | QP |
| 11 | 3.922 | 25.04 | 46.00 | -20.96 | 23.76 | 1.13 | 0.15 | Average |
| 12* | 3.922 | 44.32 | 56.00 | -11.68 | 43.04 | 1.13 | 0.15 | QP |

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

3.1.10 Test Result of Conducted Emissions (Configuration 7: External Directional Panel antenna (model WS-AI-DQ04360))

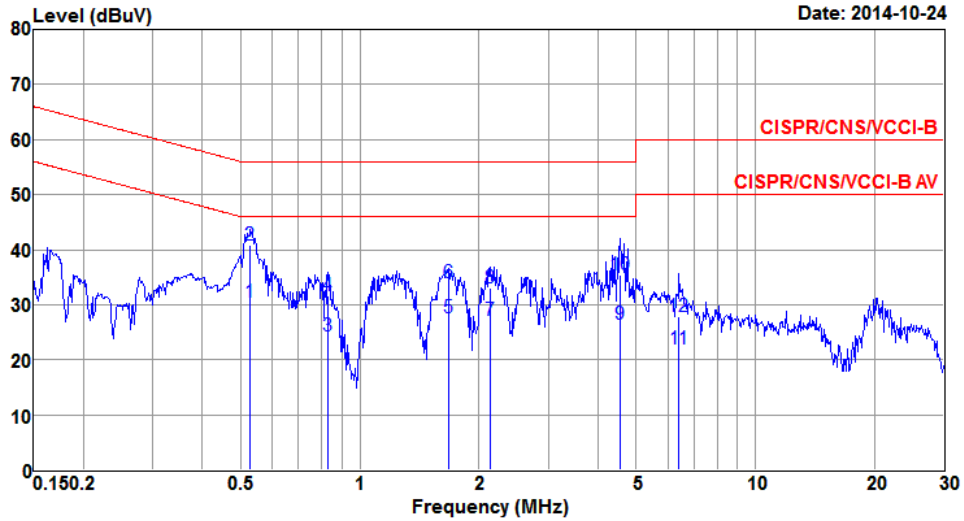
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 7 |



| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|----|--------|-------|-------|--------|-------|--------|-------|---------|
| | MHz | dBuV | Line | Limit | Level | factor | loss | |
| | | | dBuV | dB | dBuV | dB | dB | |
| 1* | 0.532 | 33.88 | 46.00 | -12.12 | 33.27 | 0.59 | 0.02 | Average |
| 2 | 0.532 | 41.72 | 56.00 | -14.28 | 41.11 | 0.59 | 0.02 | QP |
| 3 | 0.779 | 26.18 | 46.00 | -19.82 | 25.48 | 0.68 | 0.02 | Average |
| 4 | 0.779 | 34.52 | 56.00 | -21.48 | 33.82 | 0.68 | 0.02 | QP |
| 5 | 1.203 | 26.75 | 46.00 | -19.25 | 25.92 | 0.81 | 0.02 | Average |
| 6 | 1.203 | 34.29 | 56.00 | -21.71 | 33.46 | 0.81 | 0.02 | QP |
| 7 | 2.121 | 27.78 | 46.00 | -18.22 | 26.74 | 1.01 | 0.03 | Average |
| 8 | 2.121 | 32.95 | 56.00 | -23.05 | 31.91 | 1.01 | 0.03 | QP |
| 9 | 4.622 | 27.76 | 46.00 | -18.24 | 26.43 | 1.16 | 0.17 | Average |
| 10 | 4.622 | 39.48 | 56.00 | -16.52 | 38.15 | 1.16 | 0.17 | QP |
| 11 | 20.377 | 21.18 | 50.00 | -28.82 | 18.69 | 2.09 | 0.40 | Average |
| 12 | 20.377 | 28.29 | 60.00 | -31.71 | 25.80 | 2.09 | 0.40 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 7 |

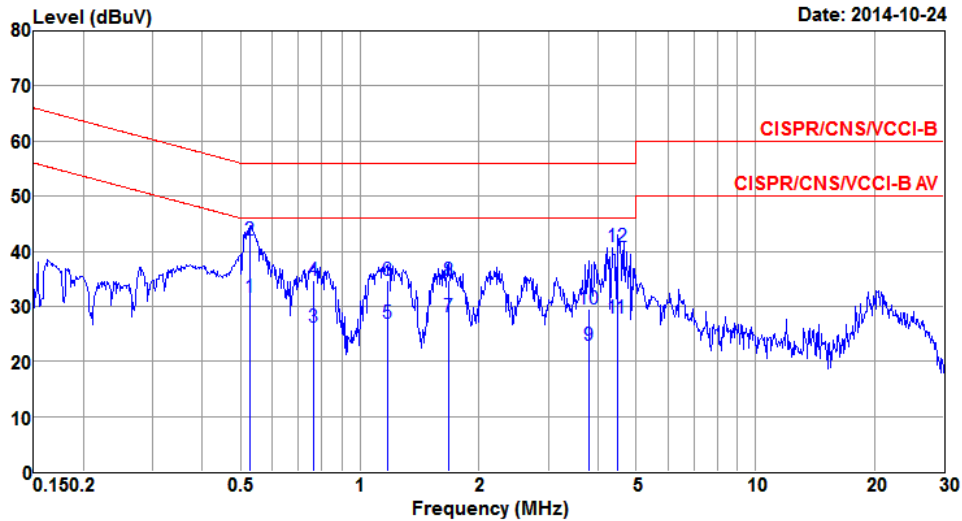


| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | LISN factor dB | cable loss dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1 | 0.529 | 30.47 | 46.00 | -15.53 | 29.78 | 0.67 | 0.02 | Average |
| 2* | 0.529 | 40.88 | 56.00 | -15.12 | 40.19 | 0.67 | 0.02 | QP |
| 3 | 0.830 | 24.27 | 46.00 | -21.73 | 23.49 | 0.76 | 0.02 | Average |
| 4 | 0.830 | 31.65 | 56.00 | -24.35 | 30.87 | 0.76 | 0.02 | QP |
| 5 | 1.671 | 27.73 | 46.00 | -18.27 | 26.70 | 1.01 | 0.02 | Average |
| 6 | 1.671 | 34.01 | 56.00 | -21.99 | 32.98 | 1.01 | 0.02 | QP |
| 7 | 2.144 | 27.19 | 46.00 | -18.81 | 26.07 | 1.09 | 0.03 | Average |
| 8 | 2.144 | 33.11 | 56.00 | -22.89 | 31.99 | 1.09 | 0.03 | QP |
| 9 | 4.549 | 26.55 | 46.00 | -19.45 | 25.18 | 1.21 | 0.16 | Average |
| 10 | 4.549 | 35.42 | 56.00 | -20.58 | 34.05 | 1.21 | 0.16 | QP |
| 11 | 6.420 | 22.06 | 50.00 | -27.94 | 20.43 | 1.43 | 0.20 | Average |
| 12 | 6.420 | 27.77 | 60.00 | -32.23 | 26.14 | 1.43 | 0.20 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.1.11 Test Result of Conducted Emissions (Configuration 8: External Directional Panel antenna (model WS-AI-DD05120))

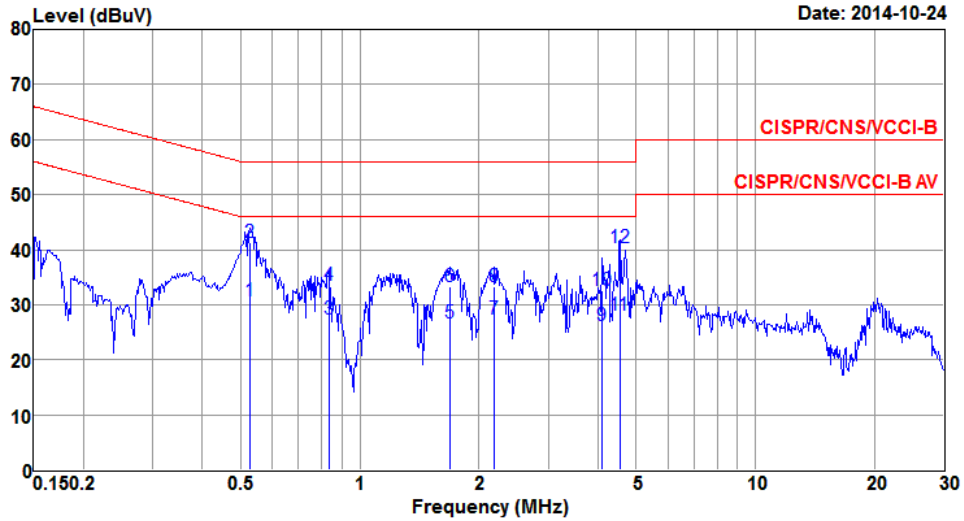
| | | | |
|-------------|-------|------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Line | Configuration | 8 |



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | LISN factor dB | cable loss dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1 | 0.529 | 31.52 | 46.00 | -14.48 | 30.91 | 0.59 | 0.02 | Average |
| 2* | 0.529 | 42.04 | 56.00 | -13.96 | 41.43 | 0.59 | 0.02 | QP |
| 3 | 0.763 | 26.27 | 46.00 | -19.73 | 25.58 | 0.67 | 0.02 | Average |
| 4 | 0.763 | 34.65 | 56.00 | -21.35 | 33.96 | 0.67 | 0.02 | QP |
| 5 | 1.172 | 26.92 | 46.00 | -19.08 | 26.11 | 0.79 | 0.02 | Average |
| 6 | 1.172 | 34.58 | 56.00 | -21.42 | 33.77 | 0.79 | 0.02 | QP |
| 7 | 1.671 | 28.03 | 46.00 | -17.97 | 27.07 | 0.94 | 0.02 | Average |
| 8 | 1.671 | 34.74 | 56.00 | -21.26 | 33.78 | 0.94 | 0.02 | QP |
| 9 | 3.799 | 22.87 | 46.00 | -23.13 | 21.66 | 1.07 | 0.14 | Average |
| 10 | 3.799 | 29.63 | 56.00 | -26.37 | 28.42 | 1.07 | 0.14 | QP |
| 11 | 4.478 | 27.80 | 46.00 | -18.20 | 26.49 | 1.15 | 0.16 | Average |
| 12 | 4.478 | 40.89 | 56.00 | -15.11 | 39.58 | 1.15 | 0.16 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

| | | | |
|--------------------|---------|-------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Power Phase | Neutral | Configuration | 8 |



| | Freq | Level | Limit | Over | Read | LISN | cable | Remark |
|----|-------|-------|--------------|-------------|---------------|--------------|------------|---------|
| | MHz | dBuV | Line dBuV | Limit dB | Level dBuV | factor dB | loss dB | |
| 1 | 0.529 | 30.70 | 46.00 | -15.30 | 30.01 | 0.67 | 0.02 | Average |
| 2* | 0.529 | 41.26 | 56.00 | -14.74 | 40.57 | 0.67 | 0.02 | QP |
| 3 | 0.835 | 27.40 | 46.00 | -18.60 | 26.62 | 0.76 | 0.02 | Average |
| 4 | 0.835 | 33.57 | 56.00 | -22.43 | 32.79 | 0.76 | 0.02 | QP |
| 5 | 1.689 | 26.71 | 46.00 | -19.29 | 25.67 | 1.02 | 0.02 | Average |
| 6 | 1.689 | 33.39 | 56.00 | -22.61 | 32.35 | 1.02 | 0.02 | QP |
| 7 | 2.190 | 27.39 | 46.00 | -18.61 | 26.25 | 1.10 | 0.04 | Average |
| 8 | 2.190 | 33.17 | 56.00 | -22.83 | 32.03 | 1.10 | 0.04 | QP |
| 9 | 4.092 | 26.31 | 46.00 | -19.69 | 25.02 | 1.14 | 0.15 | Average |
| 10 | 4.092 | 32.65 | 56.00 | -23.35 | 31.36 | 1.14 | 0.15 | QP |
| 11 | 4.549 | 28.16 | 46.00 | -17.84 | 26.79 | 1.21 | 0.16 | Average |
| 12 | 4.549 | 40.46 | 56.00 | -15.54 | 39.09 | 1.21 | 0.16 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.2 Emission Bandwidth

3.2.1 Test Procedures

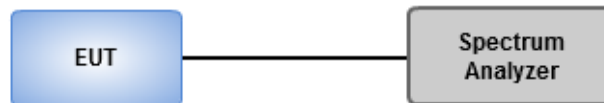
26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW
2. Set VBW \geq 3 RBW
3. Sample detection and single sweep mode shall be used
4. Use the 99 % power bandwidth function of the instrument

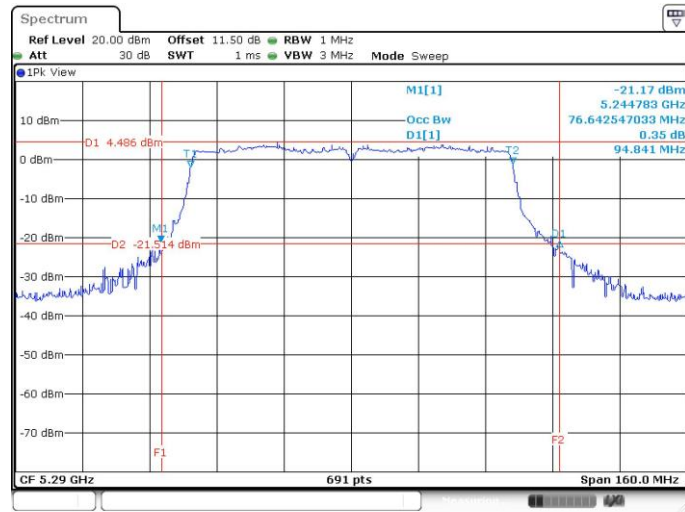
3.2.2 Test Setup



3.2.3 Test Result of Emission Bandwidth (Configuration 1: Internal PIFA antenna)

| Emission Bandwidth | | | | | | | | | |
|--------------------|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5260 | 23.36 | 22.32 | --- | 17.13 | 16.85 | --- | 24.00 |
| 11a | 2 | 5300 | 23.36 | 22.32 | --- | 17.08 | 16.79 | --- | 24.00 |
| 11a | 2 | 5320 | 25.10 | 22.67 | --- | 17.13 | 16.85 | --- | 24.00 |
| VHT20 | 2 | 5260 | 24.70 | 24.12 | --- | 18.23 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5300 | 24.46 | 23.77 | --- | 18.23 | 18.18 | --- | 24.00 |
| VHT20 | 2 | 5320 | 24.64 | 24.12 | --- | 18.23 | 18.12 | --- | 24.00 |
| VHT40 | 2 | 5270 | 49.28 | 46.38 | --- | 37.86 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5310 | 49.51 | 54.49 | --- | 37.51 | 37.40 | --- | 24.00 |
| VHT80 | 2 | 5290 | 94.84 | 90.67 | --- | 76.64 | 76.41 | --- | 24.00 |
| 11a | 2 | 5500 | 23.07 | 23.13 | --- | 17.02 | 16.85 | --- | 24.00 |
| 11a | 2 | 5580 | 23.19 | 22.43 | --- | 17.08 | 16.85 | --- | 24.00 |
| 11a | 2 | 5700 | 23.30 | 22.61 | --- | 17.08 | 16.85 | --- | 24.00 |
| VHT20 | 2 | 5500 | 24.29 | 24.17 | --- | 18.23 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5580 | 24.12 | 24.52 | --- | 18.18 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5700 | 24.06 | 24.06 | --- | 18.06 | 18.12 | --- | 24.00 |
| VHT40 | 2 | 5510 | 49.39 | 47.19 | --- | 37.63 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5550 | 49.28 | 47.42 | --- | 37.74 | 37.63 | --- | 24.00 |
| VHT40 | 2 | 5670 | 50.09 | 51.36 | --- | 37.74 | 37.28 | --- | 24.00 |
| VHT80 | 2 | 5530 | 93.22 | 89.97 | --- | 76.41 | 76.18 | --- | 24.00 |

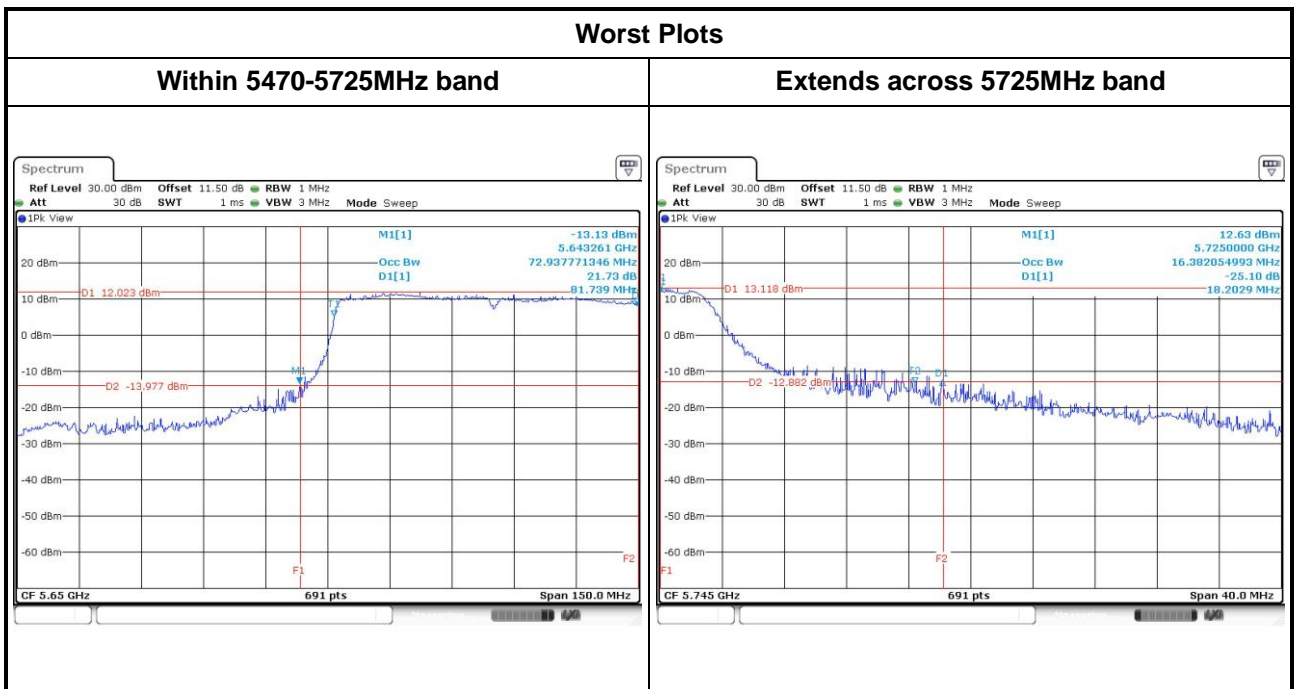
Worst Plots



Channel that extends across the 5.725 GHz boundary

| UNII Emission Bandwidth Result (Within 5470-5725MHz band) | | | | | | | | | |
|---|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 16.82 | 16.57 | --- | 13.59 | 13.47 | --- | 23.19 |
| VHT20 | 2 | 5720 | 17.31 | 17.31 | --- | 14.15 | 14.02 | --- | 23.38 |
| VHT40 | 2 | 5710 | 39.97 | 38.15 | --- | 39.94 | 33.73 | --- | 24.00 |
| VHT80 | 2 | 5690 | 81.74 | 78.91 | --- | 72.94 | 72.72 | --- | 24.00 |

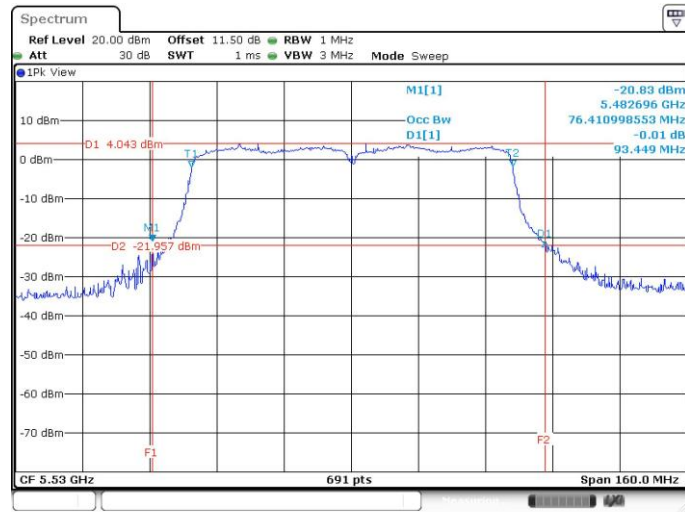
| UNII Emission Bandwidth Result (Extends across 5725MHz band) | | | | | | | | | |
|--|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|--|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 6.78 | 6.17 | --- | 5.01 | 4.67 | --- | |
| VHT20 | 2 | 5720 | 7.24 | 7.52 | --- | 5.30 | 5.10 | --- | |
| VHT40 | 2 | 5710 | 15.94 | 18.20 | --- | 15.92 | 16.38 | --- | |
| VHT80 | 2 | 5690 | 14.43 | 12.52 | --- | 46.02 | 48.36 | --- | |



3.2.4 Test Result of Emission Bandwidth (Configuration 2: External Dipole antenna)

| Emission Bandwidth | | | | | | | | | |
|--------------------|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5260 | 23.48 | 22.26 | --- | 17.19 | 16.85 | --- | 24.00 |
| 11a | 2 | 5300 | 23.71 | 22.49 | --- | 17.19 | 16.85 | --- | 24.00 |
| 11a | 2 | 5320 | 23.65 | 22.55 | --- | 17.19 | 16.85 | --- | 24.00 |
| VHT20 | 2 | 5260 | 23.77 | 24.35 | --- | 18.06 | 18.06 | --- | 24.00 |
| VHT20 | 2 | 5300 | 24.41 | 24.93 | --- | 18.29 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5320 | 24.41 | 24.23 | --- | 18.29 | 18.12 | --- | 24.00 |
| VHT40 | 2 | 5270 | 47.88 | 46.61 | --- | 37.74 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5310 | 47.77 | 47.07 | --- | 37.63 | 37.40 | --- | 24.00 |
| VHT80 | 2 | 5290 | 92.29 | 92.29 | --- | 76.18 | 76.41 | --- | 24.00 |
| 11a | 2 | 5500 | 23.36 | 23.19 | --- | 17.13 | 16.85 | --- | 24.00 |
| 11a | 2 | 5580 | 24.06 | 24.29 | --- | 17.19 | 16.96 | --- | 24.00 |
| 11a | 2 | 5700 | 23.94 | 22.49 | --- | 17.19 | 16.85 | --- | 24.00 |
| VHT20 | 2 | 5500 | 24.35 | 24.75 | --- | 18.12 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5580 | 24.06 | 25.62 | --- | 18.12 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5700 | 24.23 | 24.87 | --- | 18.29 | 18.06 | --- | 24.00 |
| VHT40 | 2 | 5510 | 48.46 | 49.16 | --- | 37.51 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5550 | 57.74 | 54.26 | --- | 37.74 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5670 | 47.30 | 49.74 | --- | 37.63 | 37.51 | --- | 24.00 |
| VHT80 | 2 | 5530 | 93.45 | 93.45 | --- | 76.41 | 76.41 | --- | 24.00 |

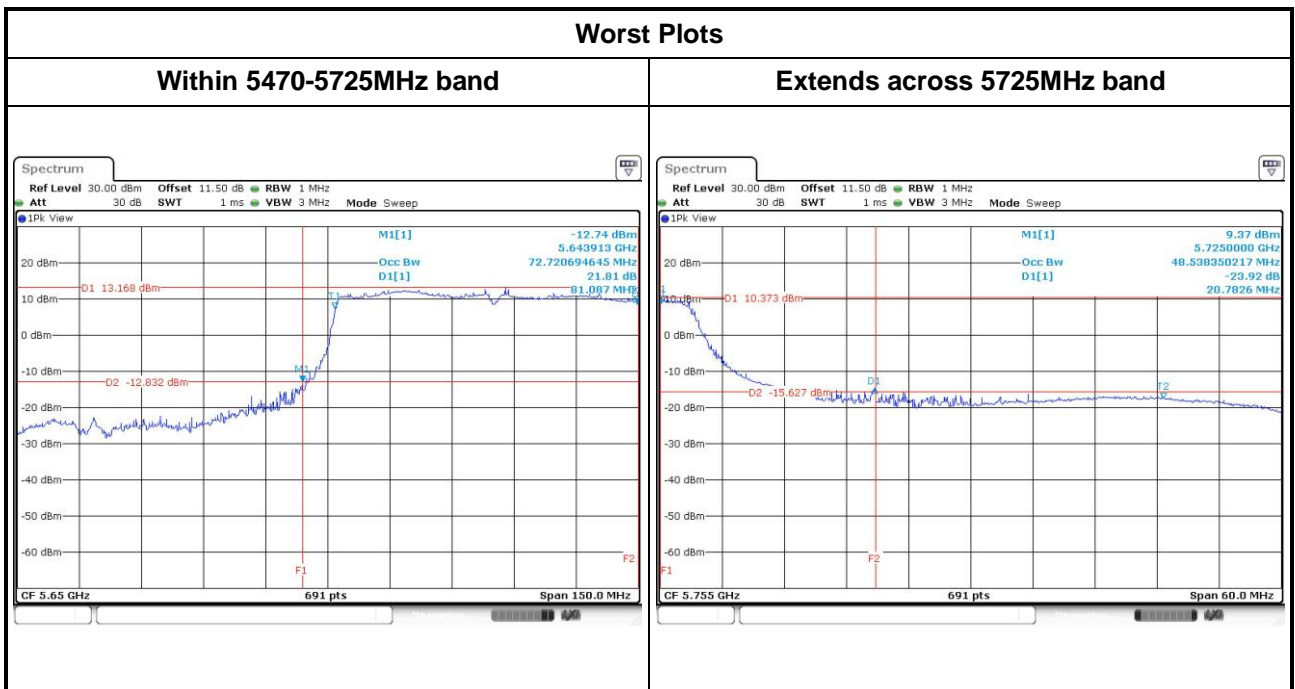
Worst Plots



Channel that extends across the 5.725 GHz boundary

| UNII Emission Bandwidth Result (Within 5470-5725MHz band) | | | | | | | | | |
|---|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 17.25 | 16.14 | --- | 13.65 | 13.47 | --- | 23.08 |
| VHT20 | 2 | 5720 | 16.75 | 18.17 | --- | 14.08 | 14.21 | --- | 23.24 |
| VHT40 | 2 | 5710 | 39.16 | 44.23 | --- | 33.73 | 33.84 | --- | 24.00 |
| VHT80 | 2 | 5690 | 81.09 | 79.57 | --- | 72.72 | 72.72 | --- | 24.00 |

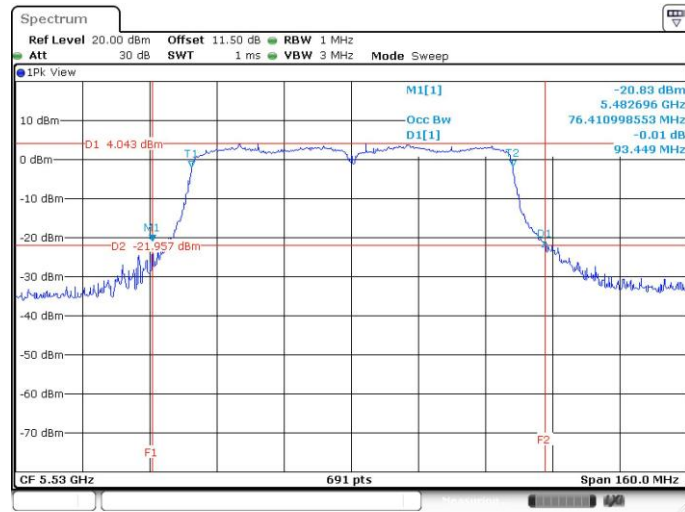
| UNII Emission Bandwidth Result (Extends across 5725MHz band) | | | | | | | | | |
|--|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|--|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 6.98 | 6.35 | --- | 5.14 | 5.01 | --- | |
| VHT20 | 2 | 5720 | 7.26 | 9.50 | --- | 5.47 | 5.88 | --- | |
| VHT40 | 2 | 5710 | 12.00 | 17.04 | --- | 10.71 | 17.02 | --- | |
| VHT80 | 2 | 5690 | 14.35 | 20.78 | --- | 44.28 | 48.54 | --- | |



3.2.5 Test Result of Emission Bandwidth (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

| Emission Bandwidth | | | | | | | | | |
|--------------------|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5260 | 23.65 | 22.55 | --- | 17.02 | 16.85 | --- | 24.00 |
| 11a | 2 | 5300 | 23.01 | 22.78 | --- | 17.02 | 16.85 | --- | 24.00 |
| 11a | 2 | 5320 | 23.30 | 22.61 | --- | 17.19 | 16.85 | --- | 24.00 |
| VHT20 | 2 | 5260 | 24.46 | 23.77 | --- | 18.29 | 18.18 | --- | 24.00 |
| VHT20 | 2 | 5300 | 24.12 | 23.94 | --- | 18.06 | 18.06 | --- | 24.00 |
| VHT20 | 2 | 5320 | 24.17 | 24.29 | --- | 18.06 | 18.00 | --- | 24.00 |
| VHT40 | 2 | 5270 | 48.12 | 46.73 | --- | 37.74 | 37.28 | --- | 24.00 |
| VHT40 | 2 | 5310 | 48.58 | 47.54 | --- | 37.74 | 37.51 | --- | 24.00 |
| VHT80 | 2 | 5290 | 92.52 | 92.52 | --- | 76.41 | 76.41 | --- | 24.00 |
| 11a | 2 | 5500 | 23.48 | 22.03 | --- | 17.13 | 16.79 | --- | 24.00 |
| 11a | 2 | 5580 | 23.48 | 22.20 | --- | 17.13 | 16.85 | --- | 24.00 |
| 11a | 2 | 5700 | 23.65 | 22.96 | --- | 17.08 | 16.90 | --- | 24.00 |
| VHT20 | 2 | 5500 | 23.83 | 24.46 | --- | 18.12 | 18.06 | --- | 24.00 |
| VHT20 | 2 | 5580 | 24.00 | 24.75 | --- | 18.18 | 18.12 | --- | 24.00 |
| VHT20 | 2 | 5700 | 24.46 | 24.06 | --- | 18.29 | 18.06 | --- | 24.00 |
| VHT40 | 2 | 5510 | 47.77 | 48.58 | --- | 37.40 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5550 | 47.54 | 49.39 | --- | 37.63 | 37.51 | --- | 24.00 |
| VHT40 | 2 | 5670 | 48.93 | 48.00 | --- | 37.63 | 37.28 | --- | 24.00 |
| VHT80 | 2 | 5530 | 93.45 | 93.45 | --- | 76.41 | 76.41 | --- | 24.00 |

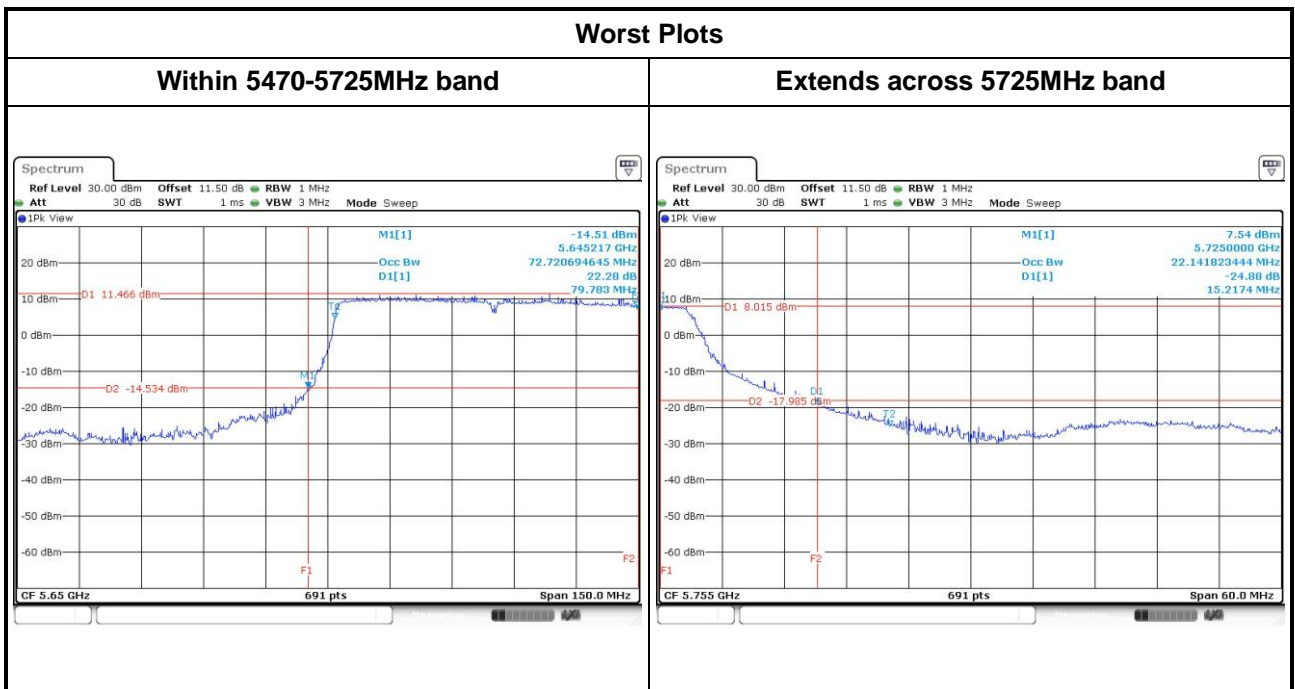
Worst Plots



Channel that extends across the 5.725 GHz boundary

| UNII Emission Bandwidth Result (Within 5470-5725MHz band) | | | | | | | | | |
|---|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 16.57 | 16.38 | --- | 13.53 | 13.47 | --- | 23.14 |
| VHT20 | 2 | 5720 | 17.25 | 17.06 | --- | 14.02 | 14.08 | --- | 23.32 |
| VHT40 | 2 | 5710 | 39.16 | 39.65 | --- | 33.73 | 33.73 | --- | 24.00 |
| VHT80 | 2 | 5690 | 79.35 | 79.78 | --- | 72.72 | 72.72 | --- | 24.00 |

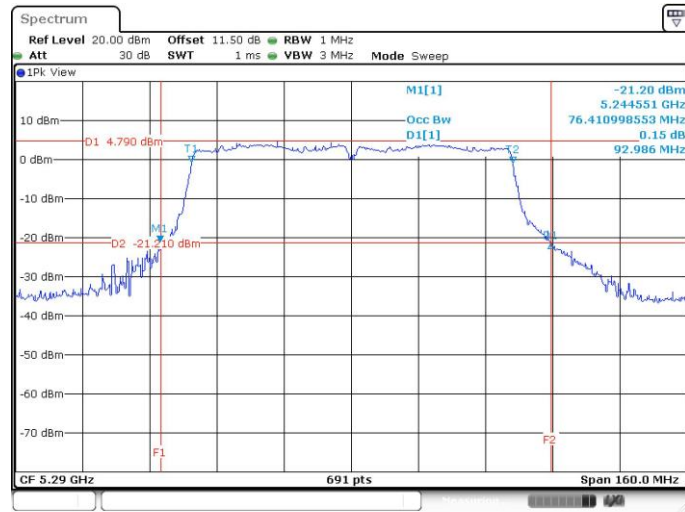
| UNII Emission Bandwidth Result (Extends across 5725MHz band) | | | | | | | | | |
|--|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|--|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 6.76 | 6.35 | --- | 5.01 | 4.62 | --- | |
| VHT20 | 2 | 5720 | 7.04 | 7.00 | --- | 5.32 | 5.14 | --- | |
| VHT40 | 2 | 5710 | 11.13 | 13.45 | --- | 8.16 | 12.97 | --- | |
| VHT80 | 2 | 5690 | 14.17 | 15.22 | --- | 16.06 | 22.14 | --- | |



3.2.6 Test Result of Emission Bandwidth (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

| Emission Bandwidth | | | | | | | | | |
|--------------------|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{Tx} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5260 | 22.78 | 21.74 | --- | 16.85 | 16.61 | --- | 24.00 |
| 11a | 2 | 5300 | 22.96 | 21.80 | --- | 16.96 | 16.73 | --- | 24.00 |
| 11a | 2 | 5320 | 22.61 | 21.97 | --- | 16.79 | 16.61 | --- | 24.00 |
| VHT20 | 2 | 5260 | 22.78 | 22.90 | --- | 18.06 | 17.89 | --- | 24.00 |
| VHT20 | 2 | 5300 | 23.65 | 23.42 | --- | 18.12 | 17.89 | --- | 24.00 |
| VHT20 | 2 | 5320 | 23.36 | 23.01 | --- | 17.83 | 17.89 | --- | 24.00 |
| VHT40 | 2 | 5270 | 46.49 | 44.99 | --- | 37.28 | 37.05 | --- | 24.00 |
| VHT40 | 2 | 5310 | 44.99 | 45.80 | --- | 37.05 | 36.93 | --- | 24.00 |
| VHT80 | 2 | 5290 | 92.99 | 92.06 | --- | 76.41 | 76.64 | --- | 24.00 |
| 11a | 2 | 5500 | 22.32 | 21.86 | --- | 16.85 | 16.73 | --- | 24.00 |
| 11a | 2 | 5580 | 22.14 | 21.86 | --- | 16.85 | 16.67 | --- | 24.00 |
| 11a | 2 | 5700 | 23.01 | 22.09 | --- | 16.85 | 16.73 | --- | 24.00 |
| VHT20 | 2 | 5500 | 23.48 | 24.00 | --- | 18.00 | 17.95 | --- | 24.00 |
| VHT20 | 2 | 5580 | 23.36 | 22.90 | --- | 18.00 | 17.95 | --- | 24.00 |
| VHT20 | 2 | 5700 | 23.77 | 23.65 | --- | 18.06 | 17.89 | --- | 24.00 |
| VHT40 | 2 | 5510 | 48.46 | 49.16 | --- | 37.51 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5550 | 57.74 | 54.26 | --- | 37.74 | 37.40 | --- | 24.00 |
| VHT40 | 2 | 5670 | 47.30 | 49.74 | --- | 37.63 | 37.51 | --- | 24.00 |
| VHT80 | 2 | 5530 | 92.75 | 89.74 | --- | 76.18 | 76.41 | --- | 24.00 |

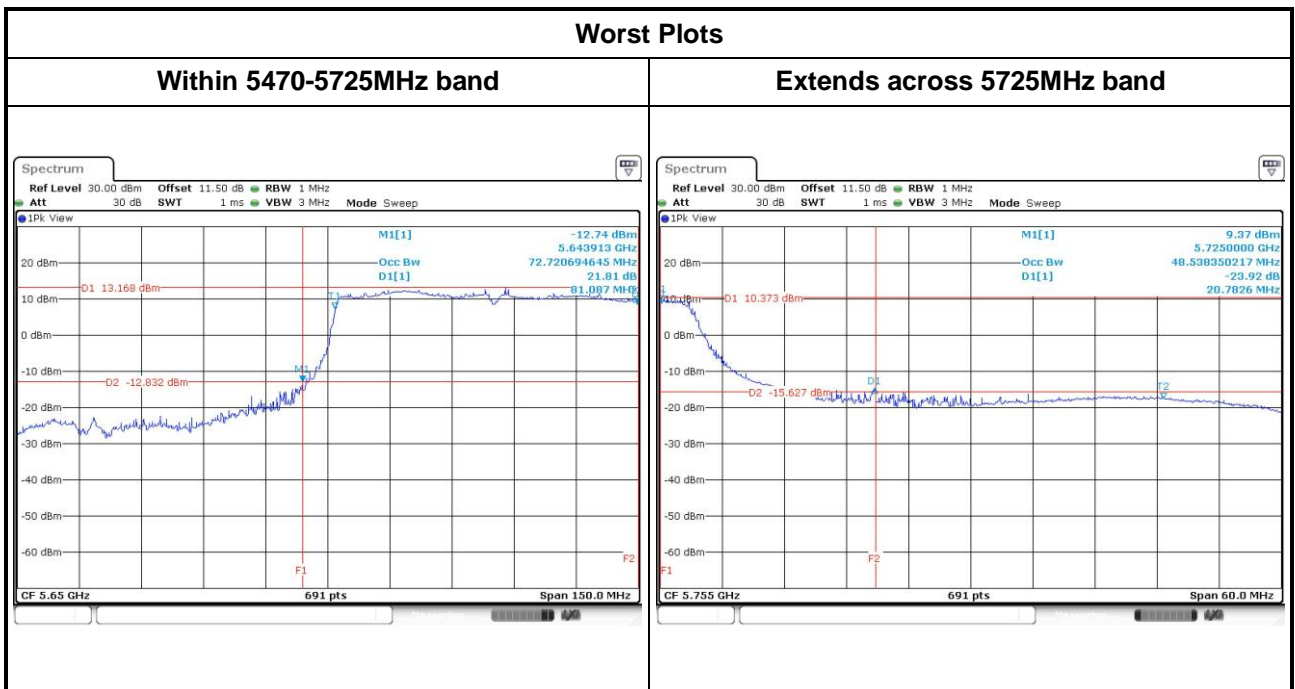
Worst Plots



Channel that extends across the 5.725 GHz boundary

| UNII Emission Bandwidth Result (Within 5470-5725MHz band) | | | | | | | | | |
|---|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|-------------------|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | Power Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 16.75 | 16.38 | --- | 13.59 | 13.47 | --- | 23.14 |
| VHT20 | 2 | 5720 | 17.12 | 17.00 | --- | 14.08 | 14.15 | --- | 23.30 |
| VHT40 | 2 | 5710 | 39.16 | 44.23 | --- | 33.73 | 33.84 | --- | 24.00 |
| VHT80 | 2 | 5690 | 81.09 | 79.57 | --- | 72.72 | 72.72 | --- | 24.00 |

| UNII Emission Bandwidth Result (Extends across 5725MHz band) | | | | | | | | | |
|--|-----------------|-------------|----------------------|---------|---------|---------------------|---------|---------|--|
| Mode | N _{TX} | Freq. (MHz) | 26dB Bandwidth (MHz) | | | 99% Bandwidth (MHz) | | | |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 0 | Chain 1 | Chain 2 | |
| 11a | 2 | 5720 | 6.70 | 6.37 | --- | 5.01 | 4.75 | --- | |
| VHT20 | 2 | 5720 | 7.22 | 7.28 | --- | 5.34 | 5.30 | --- | |
| VHT40 | 2 | 5710 | 12.00 | 17.04 | --- | 10.71 | 17.02 | --- | |
| VHT80 | 2 | 5690 | 14.35 | 20.78 | --- | 44.28 | 48.54 | --- | |



3.3 RF Output Power

3.3.1 Limit of RF Output Power

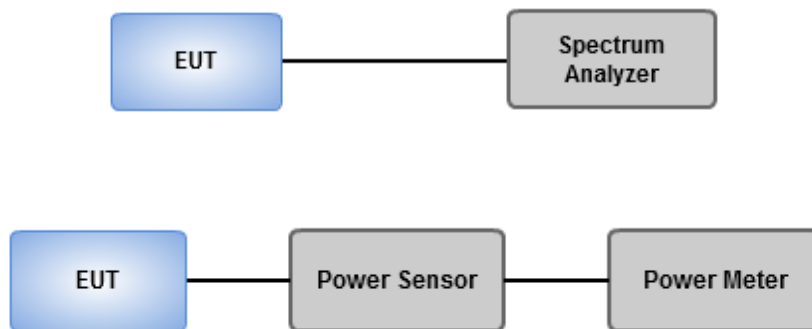
| Frequency Band (MHz) | | Limit |
|-------------------------------------|-------------|-------------------------|
| <input checked="" type="checkbox"/> | 5250 ~ 5350 | 250mW or 11dBm+10 log B |
| <input checked="" type="checkbox"/> | 5470 ~ 5725 | 250mW or 11dBm+10 log B |

Note: "B" is the 26dB emission bandwidth in MHz.

3.3.2 Test Procedures

- Power meter (For channel that does not extends across the 5.725 GHz boundary)
 - Measurements is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required
- Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)
 1. Set RBW=1MHz, VBW=3MHz , Sweep time= Auto, Detector = RMS
 2. Trace average at least 100 traces in power averaging mode
 3. Compute power by integrating the spectrum across the 26 dB EBW

3.3.3 Test Setup



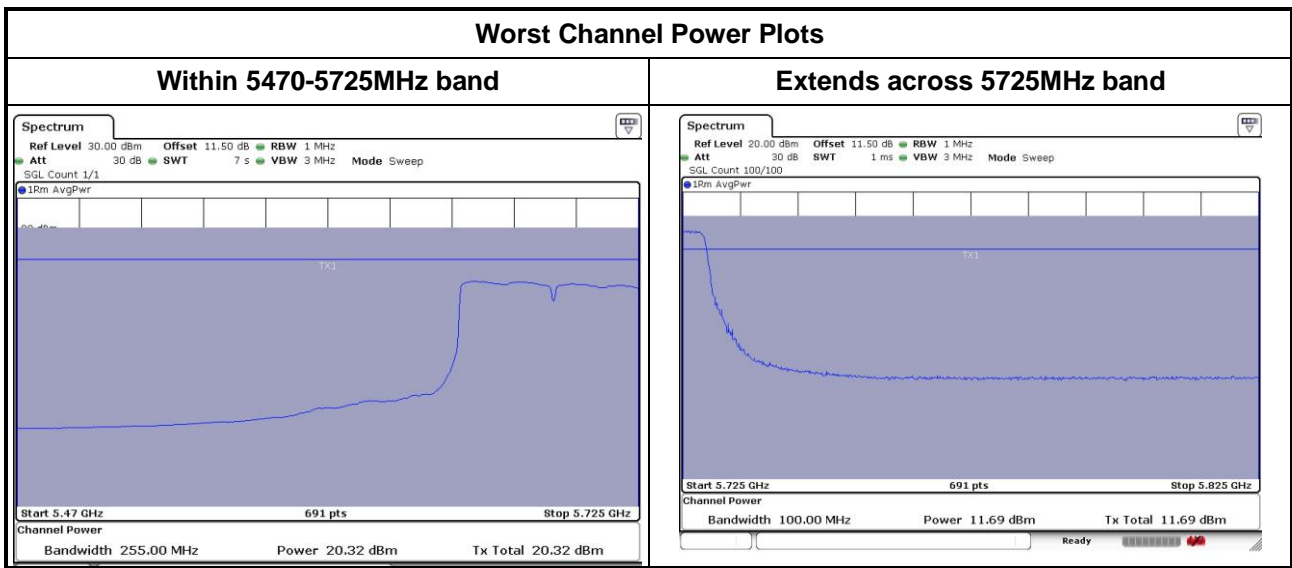
3.3.4 Test Result of Maximum Conducted Output Power (Configuration 1: Internal PIFA antenna)

| Mode | N _{TX} | Freq. (MHz) | Conducted Power (dBm) | | | | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-------|-----------------|-------------|-----------------------|---------|---------|---------|------------------|-------------------|-------------|
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | | | |
| 11a | 2 | 5260 | 18.17 | 17.89 | --- | --- | 127.132 | 21.04 | 24.00 |
| 11a | 2 | 5300 | 18.12 | 17.9 | --- | --- | 126.523 | 21.02 | 24.00 |
| 11a | 2 | 5320 | 18.27 | 18.14 | --- | --- | 132.306 | 21.22 | 24.00 |
| HT20 | 2 | 5260 | 18.55 | 18.24 | --- | --- | 138.295 | 21.41 | 24.00 |
| HT20 | 2 | 5300 | 18.62 | 18.25 | --- | --- | 139.612 | 21.45 | 24.00 |
| HT20 | 2 | 5320 | 18.21 | 18.04 | --- | --- | 129.901 | 21.14 | 24.00 |
| HT40 | 2 | 5270 | 21.09 | 20.36 | --- | --- | 237.171 | 23.75 | 24.00 |
| HT40 | 2 | 5310 | 18.36 | 17.95 | --- | --- | 130.922 | 21.17 | 24.00 |
| VHT20 | 2 | 5260 | 18.69 | 18.38 | --- | --- | 142.826 | 21.55 | 24.00 |
| VHT20 | 2 | 5300 | 18.71 | 18.4 | --- | --- | 143.485 | 21.57 | 24.00 |
| VHT20 | 2 | 5320 | 18.36 | 18.11 | --- | --- | 133.263 | 21.25 | 24.00 |
| VHT40 | 2 | 5270 | 21.17 | 20.45 | --- | --- | 241.836 | 23.84 | 24.00 |
| VHT40 | 2 | 5310 | 18.44 | 18.04 | --- | --- | 133.503 | 21.25 | 24.00 |
| VHT80 | 2 | 5290 | 13.27 | 13.19 | --- | --- | 42.077 | 16.24 | 24.00 |
| 11a | 2 | 5500 | 17.32 | 16.91 | --- | --- | 103.042 | 20.13 | 24.00 |
| 11a | 2 | 5580 | 17.88 | 17.15 | --- | --- | 113.256 | 20.54 | 24.00 |
| 11a | 2 | 5700 | 17.84 | 17.09 | --- | --- | 111.982 | 20.49 | 24.00 |
| HT20 | 2 | 5500 | 17.95 | 17.58 | --- | --- | 119.653 | 20.78 | 24.00 |
| HT20 | 2 | 5580 | 18.29 | 17.68 | --- | --- | 126.067 | 21.01 | 24.00 |
| HT20 | 2 | 5700 | 17.85 | 17.04 | --- | --- | 111.536 | 20.47 | 24.00 |
| HT40 | 2 | 5510 | 15.48 | 15.66 | --- | --- | 72.131 | 18.58 | 24.00 |
| HT40 | 2 | 5550 | 20.43 | 20.31 | --- | --- | 217.807 | 23.38 | 24.00 |
| HT40 | 2 | 5670 | 19.32 | 19.15 | --- | --- | 167.731 | 22.25 | 24.00 |
| VHT20 | 2 | 5500 | 18.06 | 17.68 | --- | --- | 122.587 | 20.88 | 24.00 |
| VHT20 | 2 | 5580 | 18.40 | 17.81 | --- | --- | 129.578 | 21.13 | 24.00 |
| VHT20 | 2 | 5700 | 17.96 | 17.12 | --- | --- | 114.040 | 20.57 | 24.00 |
| VHT40 | 2 | 5510 | 15.57 | 15.73 | --- | --- | 73.469 | 18.66 | 24.00 |
| VHT40 | 2 | 5550 | 20.58 | 20.39 | --- | --- | 223.683 | 23.50 | 24.00 |
| VHT40 | 2 | 5670 | 19.44 | 19.27 | --- | --- | 172.430 | 22.37 | 24.00 |
| VHT80 | 2 | 5530 | 13.84 | 13.92 | --- | --- | 48.871 | 16.89 | 24.00 |

Channel that extends across the 5.725 GHz boundary

| Maximum Conducted Output Power (Within 5470-5725MHz band) | | | | | | | | | | | |
|---|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 16.97 | 16.21 | --- | --- | 19.62 | 0.00 | 91.557 | 19.62 | 23.19 |
| HT20 | 2 | 5720 | 16.35 | 16.38 | --- | --- | 19.38 | 0.00 | 86.603 | 19.38 | 23.38 |
| HT40 | 2 | 5710 | 20.31 | 19.62 | --- | --- | 22.99 | 0.23 | 209.845 | 23.22 | 24.00 |
| VHT20 | 2 | 5720 | 17.08 | 16.08 | --- | --- | 19.62 | 0.00 | 91.601 | 19.62 | 23.38 |
| VHT40 | 2 | 5710 | 20.31 | 19.88 | --- | --- | 23.11 | 0.23 | 215.805 | 23.34 | 24.00 |
| VHT80 | 2 | 5690 | 20.32 | 19.77 | --- | --- | 23.06 | 0.53 | 228.771 | 23.59 | 24.00 |

| Maximum Conducted Output Power (Extends across 5725MHz band) | | | | | | | | | | | |
|--|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 11.29 | 10.04 | --- | --- | 13.72 | 0.00 | 23.551 | 13.72 | 30.00 |
| HT20 | 2 | 5720 | 11.21 | 10.10 | --- | --- | 13.70 | 0.00 | 23.446 | 13.70 | 30.00 |
| HT40 | 2 | 5710 | 9.03 | 9.02 | --- | --- | 12.04 | 0.23 | 16.847 | 12.27 | 30.00 |
| VHT20 | 2 | 5720 | 11.69 | 10.91 | --- | --- | 14.33 | 0.00 | 27.088 | 14.33 | 30.00 |
| VHT40 | 2 | 5710 | 9.19 | 9.06 | --- | --- | 12.14 | 0.23 | 17.242 | 12.37 | 30.00 |
| VHT80 | 2 | 5690 | 5.04 | 4.91 | --- | --- | 7.99 | 0.53 | 7.105 | 8.52 | 30.00 |



Note: Above plots are without duty factor.

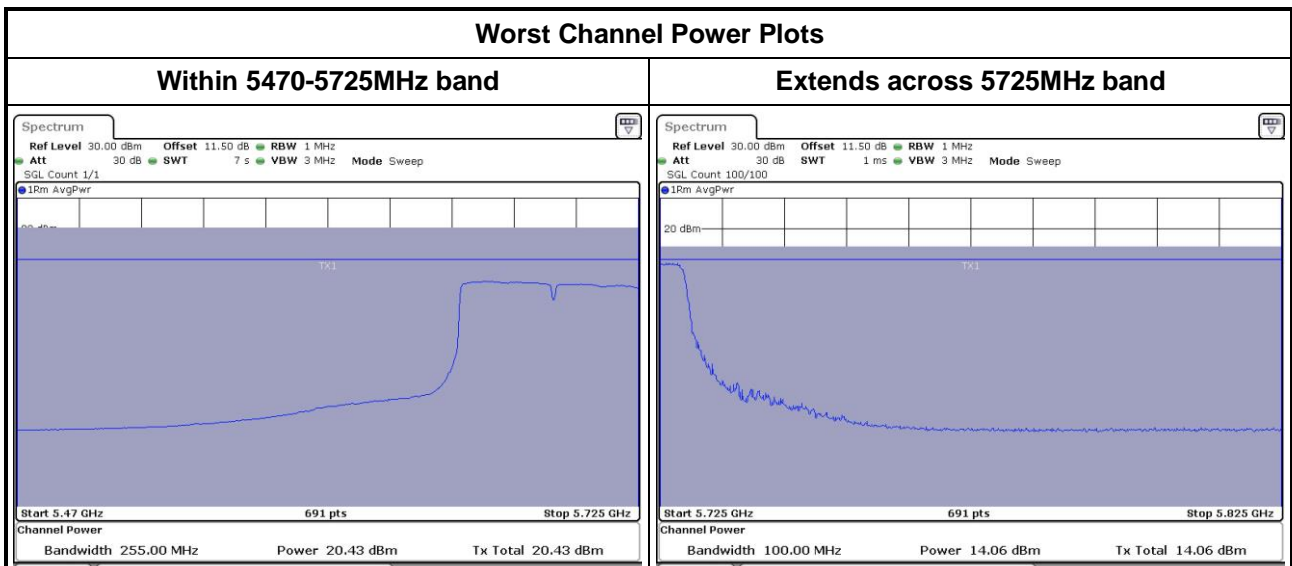
3.3.5 Test Result of Maximum Conducted Output Power (Configuration 2: External Dipole antenna)

| Mode | N _{TX} | Freq. (MHz) | Conducted Power (dBm) | | | | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-------|-----------------|-------------|-----------------------|---------|---------|---------|------------------|-------------------|-------------|
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | | | |
| 11a | 2 | 5260 | 20.15 | 20.21 | --- | --- | 208.468 | 23.19 | 24.00 |
| 11a | 2 | 5300 | 20.12 | 20.34 | --- | --- | 210.945 | 23.24 | 24.00 |
| 11a | 2 | 5320 | 20.14 | 20.45 | --- | --- | 214.194 | 23.31 | 24.00 |
| HT20 | 2 | 5260 | 19.95 | 20.34 | --- | --- | 206.999 | 23.16 | 24.00 |
| HT20 | 2 | 5300 | 19.92 | 20.31 | --- | --- | 205.574 | 23.13 | 24.00 |
| HT20 | 2 | 5320 | 19.42 | 19.86 | --- | --- | 184.326 | 22.66 | 24.00 |
| HT40 | 2 | 5270 | 20.92 | 20.58 | --- | --- | 237.883 | 23.76 | 24.00 |
| HT40 | 2 | 5310 | 16.92 | 17.24 | --- | --- | 102.170 | 20.09 | 24.00 |
| VHT20 | 2 | 5260 | 20.06 | 20.49 | --- | --- | 213.335 | 23.29 | 24.00 |
| VHT20 | 2 | 5300 | 20.09 | 20.43 | --- | --- | 212.502 | 23.27 | 24.00 |
| VHT20 | 2 | 5320 | 19.51 | 19.97 | --- | --- | 188.642 | 22.76 | 24.00 |
| VHT40 | 2 | 5270 | 21.09 | 20.69 | --- | --- | 245.748 | 23.90 | 24.00 |
| VHT40 | 2 | 5310 | 17.05 | 17.35 | --- | --- | 105.024 | 20.21 | 24.00 |
| VHT80 | 2 | 5290 | 15.57 | 15.74 | --- | --- | 73.555 | 18.67 | 24.00 |
| 11a | 2 | 5500 | 20.01 | 20.21 | --- | --- | 205.185 | 23.12 | 24.00 |
| 11a | 2 | 5580 | 20.03 | 20.31 | --- | --- | 208.092 | 23.18 | 24.00 |
| 11a | 2 | 5700 | 19.34 | 19.56 | --- | --- | 176.266 | 22.46 | 24.00 |
| HT20 | 2 | 5500 | 19.45 | 19.74 | --- | --- | 182.294 | 22.61 | 24.00 |
| HT20 | 2 | 5580 | 20.25 | 20.36 | --- | --- | 214.568 | 23.32 | 24.00 |
| HT20 | 2 | 5700 | 18.74 | 19.06 | --- | --- | 155.355 | 21.91 | 24.00 |
| HT40 | 2 | 5510 | 15.26 | 15.41 | --- | --- | 68.327 | 18.35 | 24.00 |
| HT40 | 2 | 5550 | 20.68 | 20.69 | --- | --- | 234.169 | 23.70 | 24.00 |
| HT40 | 2 | 5670 | 19.45 | 19.71 | --- | --- | 181.645 | 22.59 | 24.00 |
| VHT20 | 2 | 5500 | 19.59 | 19.81 | --- | --- | 186.711 | 22.71 | 24.00 |
| VHT20 | 2 | 5580 | 20.34 | 20.47 | --- | --- | 219.573 | 23.42 | 24.00 |
| VHT20 | 2 | 5700 | 18.81 | 19.14 | --- | --- | 158.068 | 21.99 | 24.00 |
| VHT40 | 2 | 5510 | 15.38 | 15.56 | --- | --- | 70.489 | 18.48 | 24.00 |
| VHT40 | 2 | 5550 | 20.76 | 20.79 | --- | --- | 239.074 | 23.79 | 24.00 |
| VHT40 | 2 | 5670 | 19.57 | 19.83 | --- | --- | 186.734 | 22.71 | 24.00 |
| VHT80 | 2 | 5530 | 12.43 | 12.69 | --- | --- | 36.077 | 15.57 | 24.00 |

Channel that extends across the 5.725 GHz boundary

| Maximum Conducted Output Power (Within 5470-5725MHz band) | | | | | | | | | | | |
|---|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 19.09 | 19.16 | --- | --- | 22.14 | 0.00 | 163.510 | 22.14 | 23.08 |
| HT20 | 2 | 5720 | 19.16 | 19.65 | --- | --- | 22.42 | 0.00 | 174.671 | 22.42 | 23.24 |
| HT40 | 2 | 5710 | 19.70 | 20.27 | --- | --- | 23.00 | 0.23 | 210.603 | 23.23 | 24.00 |
| VHT20 | 2 | 5720 | 19.48 | 19.42 | --- | --- | 22.46 | 0.00 | 176.214 | 22.46 | 23.24 |
| VHT40 | 2 | 5710 | 19.75 | 20.30 | --- | --- | 23.04 | 0.23 | 212.520 | 23.27 | 24.00 |
| VHT80 | 2 | 5690 | 19.85 | 20.43 | --- | --- | 23.16 | 0.53 | 233.882 | 23.69 | 24.00 |

| Maximum Conducted Output Power (Extends across 5725MHz band) | | | | | | | | | | | |
|--|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 13.05 | 12.83 | --- | --- | 15.95 | 0.00 | 39.370 | 15.95 | 30.00 |
| HT20 | 2 | 5720 | 13.69 | 13.93 | --- | --- | 16.82 | 0.00 | 48.106 | 16.82 | 30.00 |
| HT40 | 2 | 5710 | 8.65 | 8.56 | --- | --- | 11.62 | 0.23 | 15.295 | 11.85 | 30.00 |
| VHT20 | 2 | 5720 | 13.59 | 14.06 | --- | --- | 16.84 | 0.00 | 48.324 | 16.84 | 30.00 |
| VHT40 | 2 | 5710 | 8.49 | 9.29 | --- | --- | 11.92 | 0.23 | 16.401 | 12.15 | 30.00 |
| VHT80 | 2 | 5690 | 8.49 | 9.05 | --- | --- | 11.79 | 0.53 | 17.058 | 12.32 | 30.00 |



Note: Above plots are without duty factor.

3.3.6 Test Result of Maximum Conducted Output Power (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

| Mode | N _{TX} | Freq. (MHz) | Conducted Power (dBm) | | | | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-------|-----------------|-------------|-----------------------|---------|---------|---------|------------------|-------------------|-------------|
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | | | |
| 11a | 2 | 5260 | 16.66 | 17.02 | --- | --- | 96.695 | 19.85 | 23.00 |
| 11a | 2 | 5300 | 16.65 | 17.04 | --- | --- | 96.821 | 19.86 | 23.00 |
| 11a | 2 | 5320 | 16.78 | 17.25 | --- | --- | 100.732 | 20.03 | 23.00 |
| HT20 | 2 | 5260 | 17.02 | 17.56 | --- | --- | 107.366 | 20.31 | 23.00 |
| HT20 | 2 | 5300 | 16.75 | 17.22 | --- | --- | 100.038 | 20.00 | 23.00 |
| HT20 | 2 | 5320 | 16.88 | 17.26 | --- | --- | 101.964 | 20.08 | 23.00 |
| HT40 | 2 | 5270 | 19.66 | 19.45 | --- | --- | 180.575 | 22.57 | 23.00 |
| HT40 | 2 | 5310 | 15.21 | 15.06 | --- | --- | 65.252 | 18.15 | 23.00 |
| VHT20 | 2 | 5260 | 17.1 | 17.62 | --- | --- | 109.096 | 20.38 | 23.00 |
| VHT20 | 2 | 5300 | 16.81 | 17.28 | --- | --- | 101.430 | 20.06 | 23.00 |
| VHT20 | 2 | 5320 | 16.95 | 17.34 | --- | --- | 103.745 | 20.16 | 23.00 |
| VHT40 | 2 | 5270 | 19.72 | 19.53 | --- | --- | 183.499 | 22.64 | 23.00 |
| VHT40 | 2 | 5310 | 15.26 | 15.13 | --- | --- | 66.157 | 18.21 | 23.00 |
| VHT80 | 2 | 5290 | 12.23 | 12.15 | --- | --- | 33.117 | 15.20 | 23.00 |
| 11a | 2 | 5500 | 16.56 | 16.75 | --- | --- | 92.605 | 19.67 | 23.00 |
| 11a | 2 | 5580 | 16.52 | 16.68 | --- | --- | 91.433 | 19.61 | 23.00 |
| 11a | 2 | 5700 | 16.45 | 16.83 | --- | --- | 92.352 | 19.65 | 23.00 |
| HT20 | 2 | 5500 | 16.87 | 17.15 | --- | --- | 100.521 | 20.02 | 23.00 |
| HT20 | 2 | 5580 | 17.04 | 17.38 | --- | --- | 105.284 | 20.22 | 23.00 |
| HT20 | 2 | 5700 | 17.16 | 17.18 | --- | --- | 104.239 | 20.18 | 23.00 |
| HT40 | 2 | 5510 | 14.46 | 14.53 | --- | --- | 56.305 | 17.51 | 23.00 |
| HT40 | 2 | 5550 | 19.41 | 19.44 | --- | --- | 175.199 | 22.44 | 23.00 |
| HT40 | 2 | 5670 | 18.79 | 18.92 | --- | --- | 153.666 | 21.87 | 23.00 |
| VHT20 | 2 | 5500 | 16.95 | 17.22 | --- | --- | 102.268 | 20.10 | 23.00 |
| VHT20 | 2 | 5580 | 17.11 | 17.45 | --- | --- | 106.995 | 20.29 | 23.00 |
| VHT20 | 2 | 5700 | 17.21 | 17.25 | --- | --- | 105.690 | 20.24 | 23.00 |
| VHT40 | 2 | 5510 | 14.51 | 14.62 | --- | --- | 57.222 | 17.58 | 23.00 |
| VHT40 | 2 | 5550 | 19.49 | 19.52 | --- | --- | 178.457 | 22.52 | 23.00 |
| VHT40 | 2 | 5670 | 18.86 | 19.03 | --- | --- | 156.896 | 21.96 | 23.00 |
| VHT80 | 2 | 5530 | 12.43 | 12.69 | --- | --- | 36.077 | 15.57 | 23.00 |

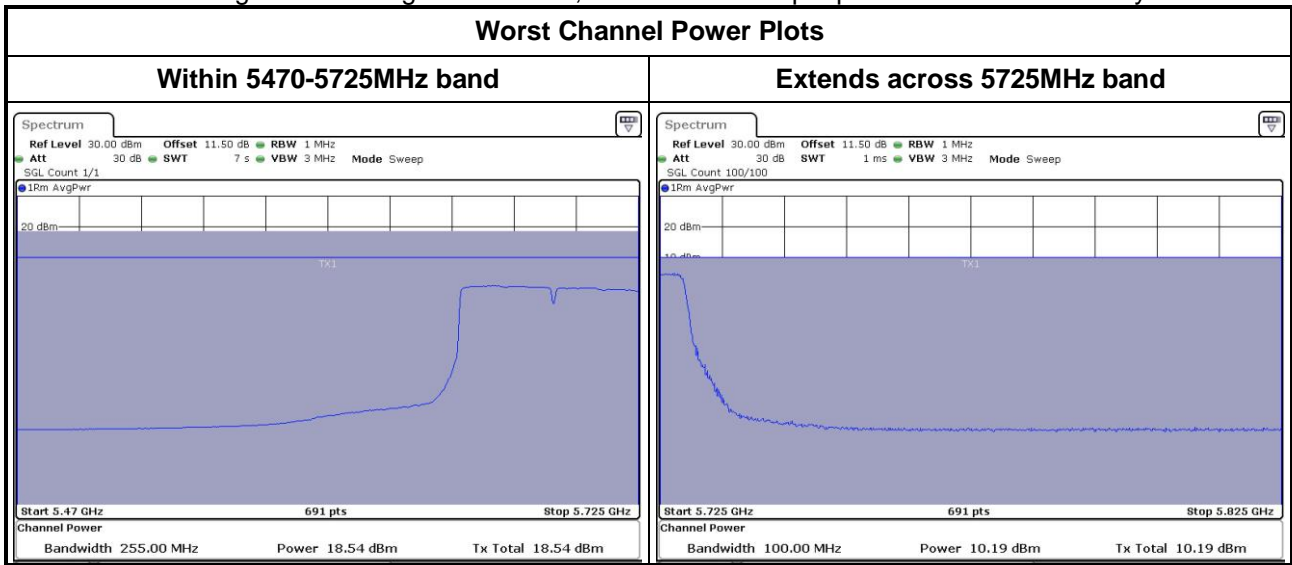
Note: The antenna gain is 7dBi higher than 6dBi, so the limit of output power shall be reduced by 1dB.

Channel that extends across the 5.725 GHz boundary

| Maximum Conducted Output Power (Within 5470-5725MHz band) | | | | | | | | | | | |
|---|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 15.08 | 15.29 | --- | --- | 18.20 | 0.00 | 66.017 | 18.20 | 22.14 |
| HT20 | 2 | 5720 | 15.79 | 15.68 | --- | --- | 18.75 | 0.00 | 74.914 | 18.75 | 22.32 |
| HT40 | 2 | 5710 | 17.99 | 18.54 | --- | --- | 21.28 | 0.23 | 141.710 | 21.51 | 23.00 |
| VHT20 | 2 | 5720 | 15.78 | 15.72 | --- | --- | 18.76 | 0.00 | 75.169 | 18.76 | 22.32 |
| VHT40 | 2 | 5710 | 18.26 | 18.50 | --- | --- | 21.39 | 0.23 | 145.277 | 21.62 | 23.00 |
| VHT80 | 2 | 5690 | 18.03 | 18.54 | --- | --- | 21.30 | 0.53 | 152.503 | 21.83 | 23.00 |

| Maximum Conducted Output Power (Extends across 5725MHz band) | | | | | | | | | | | |
|--|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 8.79 | 9.06 | --- | --- | 11.94 | 0.00 | 15.622 | 11.94 | 29.00 |
| HT20 | 2 | 5720 | 10.18 | 10.00 | --- | --- | 13.10 | 0.00 | 20.423 | 13.10 | 29.00 |
| HT40 | 2 | 5710 | 6.84 | 7.46 | --- | --- | 10.17 | 0.23 | 10.968 | 10.40 | 29.00 |
| VHT20 | 2 | 5720 | 10.19 | 10.02 | --- | --- | 13.12 | 0.00 | 20.493 | 13.12 | 29.00 |
| VHT40 | 2 | 5710 | 7.28 | 7.54 | --- | --- | 10.42 | 0.23 | 11.620 | 10.65 | 29.00 |
| VHT80 | 2 | 5690 | 3.26 | 3.53 | --- | --- | 6.41 | 0.53 | 4.940 | 6.94 | 29.00 |

Note: The antenna gain is 7dBi higher than 6dBi, so the limit of output power shall be reduced by 1dB.



Note: Above plots are without duty factor.

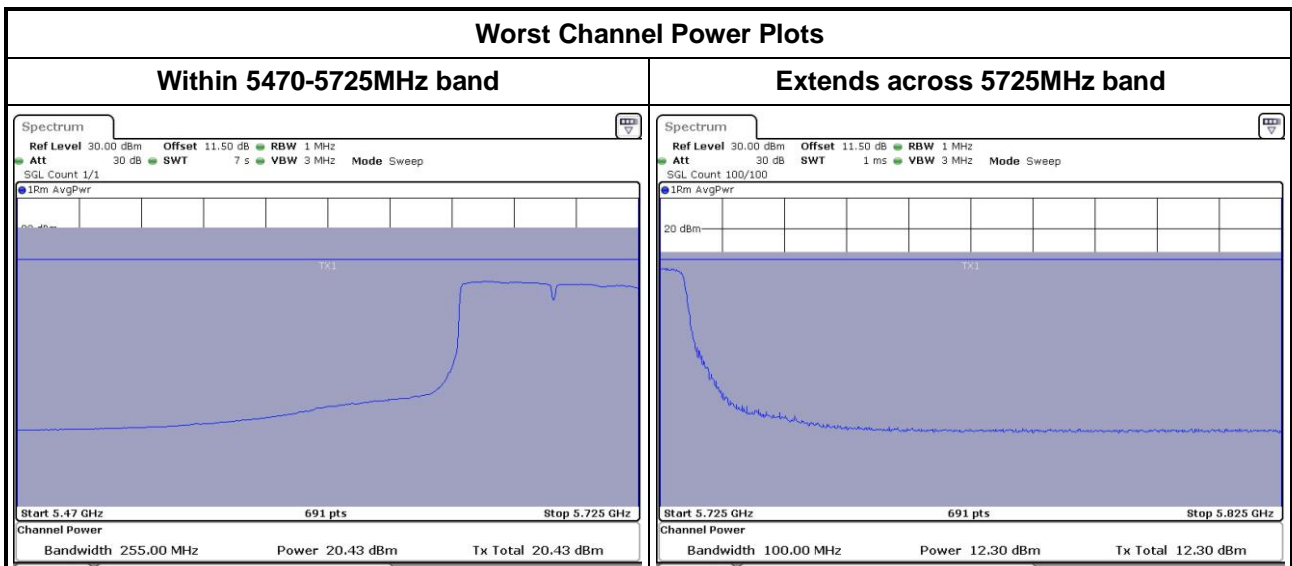
3.3.7 Test Result of Maximum Conducted Output Power (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

| Mode | N _{TX} | Freq. (MHz) | Conducted Power (dBm) | | | | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-------|-----------------|-------------|-----------------------|---------|---------|---------|------------------|-------------------|-------------|
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | | | |
| 11a | 2 | 5260 | 18.68 | 18.76 | --- | --- | 148.953 | 21.73 | 24.00 |
| 11a | 2 | 5300 | 18.62 | 18.71 | --- | --- | 147.080 | 21.68 | 24.00 |
| 11a | 2 | 5320 | 18.74 | 18.85 | --- | --- | 151.553 | 21.81 | 24.00 |
| HT20 | 2 | 5260 | 19.26 | 19.41 | --- | --- | 171.631 | 22.35 | 24.00 |
| HT20 | 2 | 5300 | 19.24 | 19.43 | --- | --- | 171.646 | 22.35 | 24.00 |
| HT20 | 2 | 5320 | 19.44 | 19.78 | --- | --- | 182.963 | 22.62 | 24.00 |
| HT40 | 2 | 5270 | 20.76 | 20.55 | --- | --- | 232.625 | 23.67 | 24.00 |
| HT40 | 2 | 5310 | 16.64 | 16.45 | --- | --- | 90.289 | 19.56 | 24.00 |
| VHT20 | 2 | 5260 | 19.33 | 19.46 | --- | --- | 174.012 | 22.41 | 24.00 |
| VHT20 | 2 | 5300 | 19.32 | 19.5 | --- | --- | 174.632 | 22.42 | 24.00 |
| VHT20 | 2 | 5320 | 19.48 | 19.83 | --- | --- | 184.877 | 22.67 | 24.00 |
| VHT40 | 2 | 5270 | 20.80 | 20.66 | --- | --- | 236.639 | 23.74 | 24.00 |
| VHT40 | 2 | 5310 | 16.72 | 16.51 | --- | --- | 91.761 | 19.63 | 24.00 |
| VHT80 | 2 | 5290 | 13.86 | 13.91 | --- | --- | 48.926 | 16.90 | 24.00 |
| 11a | 2 | 5500 | 18.75 | 18.91 | --- | --- | 152.793 | 21.84 | 24.00 |
| 11a | 2 | 5580 | 18.72 | 19.01 | --- | --- | 154.089 | 21.88 | 24.00 |
| 11a | 2 | 5700 | 18.66 | 18.68 | --- | --- | 147.242 | 21.68 | 24.00 |
| HT20 | 2 | 5500 | 18.18 | 18.22 | --- | --- | 132.140 | 21.21 | 24.00 |
| HT20 | 2 | 5580 | 18.62 | 18.95 | --- | --- | 151.302 | 21.80 | 24.00 |
| HT20 | 2 | 5700 | 17.29 | 17.37 | --- | --- | 108.155 | 20.34 | 24.00 |
| HT40 | 2 | 5510 | 15.26 | 15.41 | --- | --- | 68.327 | 18.35 | 24.00 |
| HT40 | 2 | 5550 | 20.68 | 20.69 | --- | --- | 234.169 | 23.70 | 24.00 |
| HT40 | 2 | 5670 | 19.45 | 19.71 | --- | --- | 181.645 | 22.59 | 24.00 |
| VHT20 | 2 | 5500 | 18.23 | 18.26 | --- | --- | 133.516 | 21.26 | 24.00 |
| VHT20 | 2 | 5580 | 18.67 | 19.03 | --- | --- | 153.604 | 21.86 | 24.00 |
| VHT20 | 2 | 5700 | 17.35 | 17.42 | --- | --- | 109.533 | 20.40 | 24.00 |
| VHT40 | 2 | 5510 | 15.38 | 15.56 | --- | --- | 70.489 | 18.48 | 24.00 |
| VHT40 | 2 | 5550 | 20.76 | 20.79 | --- | --- | 239.074 | 23.79 | 24.00 |
| VHT40 | 2 | 5670 | 19.57 | 19.83 | --- | --- | 186.734 | 22.71 | 24.00 |
| VHT80 | 2 | 5530 | 13.95 | 14.10 | --- | --- | 50.535 | 17.04 | 24.00 |

Channel that extends across the 5.725 GHz boundary

| Maximum Conducted Output Power (Within 5470-5725MHz band) | | | | | | | | | | | |
|---|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 17.46 | 17.55 | --- | --- | 20.52 | 0.00 | 112.604 | 20.52 | 23.14 |
| HT20 | 2 | 5720 | 17.98 | 17.86 | --- | --- | 20.93 | 0.00 | 123.900 | 20.93 | 23.30 |
| HT40 | 2 | 5710 | 19.70 | 20.27 | --- | --- | 23.00 | 0.23 | 210.603 | 23.23 | 24.00 |
| VHT20 | 2 | 5720 | 17.96 | 17.89 | --- | --- | 20.94 | 0.00 | 124.035 | 20.94 | 23.30 |
| VHT40 | 2 | 5710 | 19.75 | 20.30 | --- | --- | 23.04 | 0.23 | 212.520 | 23.27 | 24.00 |
| VHT80 | 2 | 5690 | 19.85 | 20.43 | --- | --- | 23.16 | 0.53 | 233.882 | 23.69 | 24.00 |

| Maximum Conducted Output Power (Extends across 5725MHz band) | | | | | | | | | | | |
|--|-----------------|-------------|-------------------------------------|---------|---------|---------|-------------------|------------------|------------------|-------------------|-------------|
| Mode | N _{Tx} | Freq. (MHz) | Conducted Power without duty factor | | | | | Duty factor (dB) | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
| | | | Chain 0 | Chain 1 | Chain 2 | Chain 3 | Total Power (dBm) | | | | |
| 11a | 2 | 5720 | 11.42 | 11.43 | --- | --- | 14.44 | 0.00 | 27.767 | 14.44 | 30.00 |
| HT20 | 2 | 5720 | 11.92 | 12.15 | --- | --- | 15.05 | 0.00 | 31.966 | 15.05 | 30.00 |
| HT40 | 2 | 5710 | 8.65 | 8.56 | --- | --- | 11.62 | 0.23 | 15.295 | 11.85 | 30.00 |
| VHT20 | 2 | 5720 | 12.29 | 12.30 | --- | --- | 15.31 | 0.00 | 33.926 | 15.31 | 30.00 |
| VHT40 | 2 | 5710 | 8.49 | 9.29 | --- | --- | 11.92 | 0.23 | 16.401 | 12.15 | 30.00 |
| VHT80 | 2 | 5690 | 8.49 | 9.05 | --- | --- | 11.79 | 0.53 | 17.058 | 12.32 | 30.00 |



Note: Above plots are without duty factor.

3.4 Peak Power Spectral Density

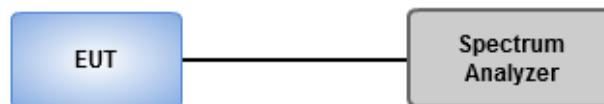
3.4.1 Limit of Peak Power Spectral Density

| Frequency Band (MHz) | | Limit |
|-------------------------------------|-------------|--------------|
| <input checked="" type="checkbox"/> | 5250 ~ 5350 | 11 dBm / MHz |
| <input checked="" type="checkbox"/> | 5470 ~ 5725 | 11 dBm / MHz |

3.4.2 Test Procedures

- Method SA-1 (For 11a / 11ac VHT20)
 1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
 2. Trace average 100 traces.
 3. Use the peak marker function to determine the maximum amplitude level.
- Method SA-2 Alternative (For 11ac VHT40 / VHT80)
 1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
 2. Set sweep time $\geq 10 * (\text{number of points in sweep}) * (\text{total on/off period of the transmitted signal})$.
 3. Perform a single sweep.
 4. Use the peak marker function to determine the maximum amplitude level.
 5. Add $10 \log(1/x)$, where x is the duty cycle.

3.4.3 Test Setup



3.4.4 Test Result of Peak Power Spectral Density (Configuration 1: Internal PIFA antenna)

| Condition | | | Peak Power Spectral Density (dBm) | | | |
|-----------|-----------------|-------------|-----------------------------------|------------------|---------------------|------------------|
| Mode | N _{TX} | Freq. (MHz) | PPSD w/o D.F (dBm) | Duty Factor (dB) | PPSD with D.F (dBm) | PPSD Limit (dBm) |
| 11a | 2 | 5260 | 8.62 | 0.00 | 8.62 | 8.89 |
| 11a | 2 | 5300 | 8.59 | 0.00 | 8.59 | 8.89 |
| 11a | 2 | 5320 | 8.71 | 0.00 | 8.71 | 8.89 |
| VHT20 | 2 | 5260 | 8.67 | 0.00 | 8.67 | 8.89 |
| VHT20 | 2 | 5300 | 8.70 | 0.00 | 8.70 | 8.89 |
| VHT20 | 2 | 5320 | 8.19 | 0.00 | 8.19 | 8.89 |
| VHT40 | 2 | 5270 | 8.22 | 0.23 | 8.45 | 8.89 |
| VHT40 | 2 | 5310 | 4.35 | 0.23 | 4.58 | 8.89 |
| VHT80 | 2 | 5290 | -4.34 | 0.53 | -3.81 | 8.89 |
| 11a | 2 | 5500 | 7.79 | 0.00 | 7.79 | 8.18 |
| 11a | 2 | 5580 | 7.92 | 0.00 | 7.92 | 8.18 |
| 11a | 2 | 5700 | 8.03 | 0.00 | 8.03 | 8.18 |
| 11a | 2 | 5720 | 7.66 | 0.00 | 7.66 | 8.18 |
| VHT20 | 2 | 5500 | 8.03 | 0.00 | 8.03 | 8.18 |
| VHT20 | 2 | 5580 | 7.98 | 0.00 | 7.98 | 8.18 |
| VHT20 | 2 | 5700 | 8.04 | 0.00 | 8.04 | 8.18 |
| VHT20 | 2 | 5720 | 7.99 | 0.00 | 7.99 | 8.18 |
| VHT40 | 2 | 5510 | 2.51 | 0.23 | 2.74 | 8.18 |
| VHT40 | 2 | 5550 | 7.08 | 0.23 | 7.31 | 8.18 |
| VHT40 | 2 | 5670 | 6.35 | 0.23 | 6.58 | 8.18 |
| VHT40 | 2 | 5710 | 7.58 | 0.23 | 7.81 | 8.18 |
| VHT80 | 2 | 5530 | -3.12 | 0.53 | -2.59 | 8.18 |
| VHT80 | 2 | 5690 | 4.45 | 0.53 | 4.98 | 8.18 |

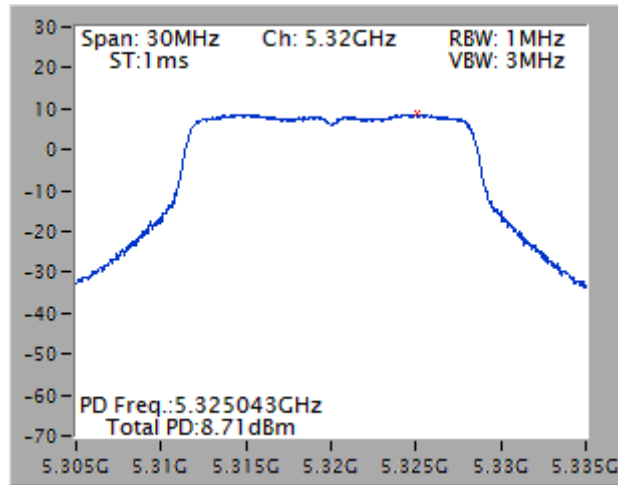
Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Frequency 5250-5350MHz:

$$\text{Directional gain} = 10 * \log((10^{5.54/20} + 10^{4.63/20})^2 / 2) = 8.11 \text{ dBi} > 6 \text{ dBi}$$
 Limit shall be reduced to 11 dBm – (8.11dBi – 6 dBi) = 8.89 dBm
3. Frequency 5470-5725MHz:

$$\text{Directional gain} = 10 * \log((10^{5.98/20} + 10^{5.63/20})^2 / 2) = 8.82 \text{ dBi} > 6 \text{ dBi}$$
 Limit shall be reduced to 11 dBm – (8.82dBi – 6 dBi) = 8.18 dBm

Worst Plots



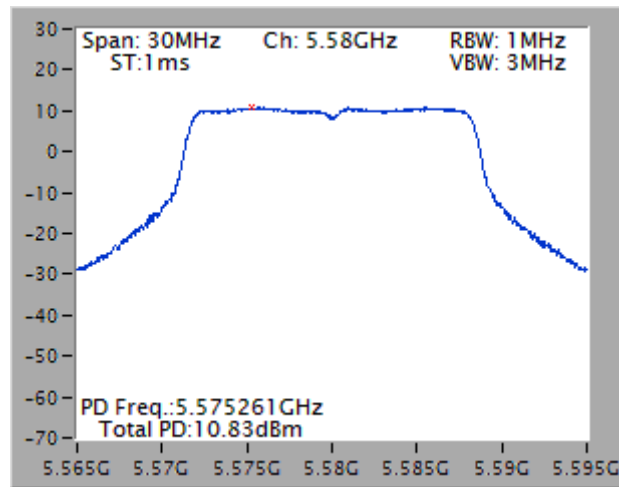
3.4.5 Test Result of Peak Power Spectral Density (Configuration 2: External Dipole antenna)

| Condition | | | Peak Power Spectral Density (dBm) | | | |
|-----------|-----------------|-------------|-----------------------------------|------------------|---------------------|------------------|
| Mode | N _{TX} | Freq. (MHz) | PPSD w/o D.F (dBm) | Duty Factor (dB) | PPSD with D.F (dBm) | PPSD Limit (dBm) |
| 11a | 2 | 5260 | 10.67 | 0.00 | 10.67 | 10.79 |
| 11a | 2 | 5300 | 10.39 | 0.00 | 10.39 | 10.79 |
| 11a | 2 | 5320 | 10.53 | 0.00 | 10.53 | 10.79 |
| VHT20 | 2 | 5260 | 10.41 | 0.00 | 10.41 | 10.79 |
| VHT20 | 2 | 5300 | 10.34 | 0.00 | 10.34 | 10.79 |
| VHT20 | 2 | 5320 | 9.82 | 0.00 | 9.82 | 10.79 |
| VHT40 | 2 | 5270 | 7.39 | 0.23 | 7.62 | 10.79 |
| VHT40 | 2 | 5310 | 3.31 | 0.23 | 3.54 | 10.79 |
| VHT80 | 2 | 5290 | -1.23 | 0.53 | -0.70 | 10.79 |
| 11a | 2 | 5500 | 10.79 | 0.00 | 10.79 | 10.88 |
| 11a | 2 | 5580 | 10.83 | 0.00 | 10.83 | 10.88 |
| 11a | 2 | 5700 | 9.81 | 0.00 | 9.81 | 10.88 |
| 11a | 2 | 5720 | 10.43 | 0.00 | 10.43 | 10.88 |
| VHT20 | 2 | 5500 | 9.97 | 0.00 | 9.97 | 10.88 |
| VHT20 | 2 | 5580 | 10.70 | 0.00 | 10.70 | 10.88 |
| VHT20 | 2 | 5700 | 9.05 | 0.00 | 9.05 | 10.88 |
| VHT20 | 2 | 5720 | 10.55 | 0.00 | 10.55 | 10.88 |
| VHT40 | 2 | 5510 | 2.02 | 0.23 | 2.25 | 10.88 |
| VHT40 | 2 | 5550 | 7.78 | 0.23 | 8.01 | 10.88 |
| VHT40 | 2 | 5670 | 6.31 | 0.23 | 6.54 | 10.88 |
| VHT40 | 2 | 5710 | 7.43 | 0.23 | 7.66 | 10.88 |
| VHT80 | 2 | 5530 | -3.97 | 0.53 | -3.44 | 10.88 |
| VHT80 | 2 | 5690 | 3.29 | 0.53 | 3.82 | 10.88 |

Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Frequency 5250-5350MHz:
 Directional gain = $3.20 + 10 \cdot \log(2/1) = 6.21 \text{ dBi} > 6 \text{ dBi}$
 Limit shall be reduced to $11 \text{ dBm} - (6.21 \text{ dBi} - 6 \text{ dBi}) = 10.79 \text{ dBm}$
3. Frequency 5470-5725MHz:
 Directional gain = $3.11 + 10 \cdot \log(2/1) = 6.12 \text{ dBi} > 6 \text{ dBi}$
 Limit shall be reduced to $11 \text{ dBm} - (6.12 \text{ dBi} - 6 \text{ dBi}) = 10.88 \text{ dBm}$

Worst Plots



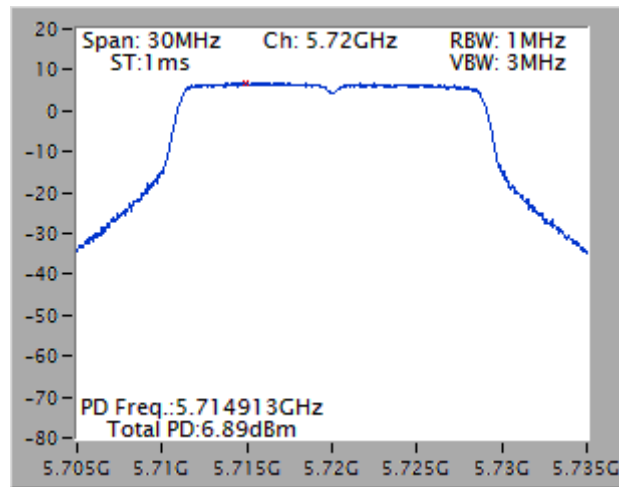
3.4.6 Test Result of Peak Power Spectral Density (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

| Condition | | | Peak Power Spectral Density (dBm) | | | |
|-----------|-----------------|-------------|-----------------------------------|------------------|---------------------|------------------|
| Mode | N _{TX} | Freq. (MHz) | PPSD w/o D.F (dBm) | Duty Factor (dB) | PPSD with D.F (dBm) | PPSD Limit (dBm) |
| 11a | 2 | 5260 | 6.57 | 0.00 | 6.57 | 6.99 |
| 11a | 2 | 5300 | 6.63 | 0.00 | 6.63 | 6.99 |
| 11a | 2 | 5320 | 6.74 | 0.00 | 6.74 | 6.99 |
| VHT20 | 2 | 5260 | 6.87 | 0.00 | 6.87 | 6.99 |
| VHT20 | 2 | 5300 | 6.49 | 0.00 | 6.49 | 6.99 |
| VHT20 | 2 | 5320 | 6.40 | 0.00 | 6.40 | 6.99 |
| VHT40 | 2 | 5270 | 5.94 | 0.23 | 6.17 | 6.99 |
| VHT40 | 2 | 5310 | 1.45 | 0.23 | 1.68 | 6.99 |
| VHT80 | 2 | 5290 | -4.65 | 0.53 | -4.12 | 6.99 |
| 11a | 2 | 5500 | 6.36 | 0.00 | 6.36 | 6.99 |
| 11a | 2 | 5580 | 6.43 | 0.00 | 6.43 | 6.99 |
| 11a | 2 | 5700 | 6.46 | 0.00 | 6.46 | 6.99 |
| 11a | 2 | 5720 | 6.67 | 0.00 | 6.67 | 6.99 |
| VHT20 | 2 | 5500 | 6.68 | 0.00 | 6.68 | 6.99 |
| VHT20 | 2 | 5580 | 6.86 | 0.00 | 6.86 | 6.99 |
| VHT20 | 2 | 5700 | 6.82 | 0.00 | 6.82 | 6.99 |
| VHT20 | 2 | 5720 | 6.89 | 0.00 | 6.89 | 6.99 |
| VHT40 | 2 | 5510 | 0.93 | 0.23 | 1.16 | 6.99 |
| VHT40 | 2 | 5550 | 5.87 | 0.23 | 6.10 | 6.99 |
| VHT40 | 2 | 5670 | 5.66 | 0.23 | 5.89 | 6.99 |
| VHT40 | 2 | 5710 | 5.45 | 0.23 | 5.68 | 6.99 |
| VHT80 | 2 | 5530 | -3.97 | 0.53 | -3.44 | 6.99 |
| VHT80 | 2 | 5690 | 2.66 | 0.53 | 3.19 | 6.99 |

Note:

1. Test result are bin-by-bin summing measured value of each TX port.
2. Directional gain = $7 + 10 \cdot \log(2/1) = 10.01 \text{ dBi} > 6 \text{ dBi}$
Limit shall be reduced to $11 \text{ dBm} - (10.01 \text{ dBi} - 6 \text{ dBi}) = 6.99 \text{ dBm}$

Worst Plots



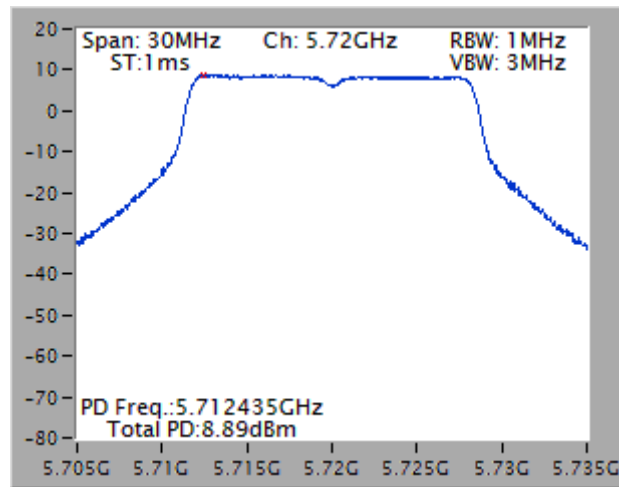
3.4.7 Test Result of Peak Power Spectral Density (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

| Condition | | | Peak Power Spectral Density (dBm) | | | |
|-----------|-----------------|-------------|-----------------------------------|------------------|---------------------|------------------|
| Mode | N _{TX} | Freq. (MHz) | PPSD w/o D.F (dBm) | Duty Factor (dB) | PPSD with D.F (dBm) | PPSD Limit (dBm) |
| 11a | 2 | 5260 | 8.60 | 0.00 | 8.60 | 8.99 |
| 11a | 2 | 5300 | 8.56 | 0.00 | 8.56 | 8.99 |
| 11a | 2 | 5320 | 8.48 | 0.00 | 8.48 | 8.99 |
| VHT20 | 2 | 5260 | 8.74 | 0.00 | 8.74 | 8.99 |
| VHT20 | 2 | 5300 | 8.69 | 0.00 | 8.69 | 8.99 |
| VHT20 | 2 | 5320 | 8.70 | 0.00 | 8.70 | 8.99 |
| VHT40 | 2 | 5270 | 6.88 | 0.23 | 7.11 | 8.99 |
| VHT40 | 2 | 5310 | 2.91 | 0.23 | 3.14 | 8.99 |
| VHT80 | 2 | 5290 | -3.02 | 0.53 | -2.49 | 8.99 |
| 11a | 2 | 5500 | 8.79 | 0.00 | 8.79 | 8.99 |
| 11a | 2 | 5580 | 8.82 | 0.00 | 8.82 | 8.99 |
| 11a | 2 | 5700 | 8.59 | 0.00 | 8.59 | 8.99 |
| 11a | 2 | 5720 | 8.89 | 0.00 | 8.89 | 8.99 |
| VHT20 | 2 | 5500 | 8.68 | 0.00 | 8.68 | 8.99 |
| VHT20 | 2 | 5580 | 8.58 | 0.00 | 8.58 | 8.99 |
| VHT20 | 2 | 5700 | 8.45 | 0.00 | 8.45 | 8.99 |
| VHT20 | 2 | 5720 | 8.86 | 0.00 | 8.86 | 8.99 |
| VHT40 | 2 | 5510 | 2.02 | 0.23 | 2.25 | 8.99 |
| VHT40 | 2 | 5550 | 7.78 | 0.23 | 8.01 | 8.99 |
| VHT40 | 2 | 5670 | 6.31 | 0.23 | 6.54 | 8.99 |
| VHT40 | 2 | 5710 | 7.43 | 0.23 | 7.66 | 8.99 |
| VHT80 | 2 | 5530 | -3.30 | 0.53 | -2.77 | 8.99 |
| VHT80 | 2 | 5690 | 4.02 | 0.53 | 4.55 | 8.99 |

Note:

3. Test result are bin-by-bin summing measured value of each TX port.
4. Directional gain = $5 + 10 \cdot \log(2/1) = 8.01 \text{ dBi} > 6 \text{ dBi}$
Limit shall be reduced to $11 \text{ dBm} - (8.01 \text{ dBi} - 6 \text{ dBi}) = 8.99 \text{ dBm}$

Worst Plots



3.5 Transmitter Radiated and Band Edge Emissions

3.5.1 Limit of Transmitter Radiated and Band Edge Emissions

| Restricted Band Emissions Limit | | | |
|---------------------------------|-----------------------|-------------------------|----------------------|
| Frequency Range (MHz) | Field Strength (uV/m) | Field Strength (dBuV/m) | Measure Distance (m) |
| 0.009~0.490 | 2400/F(kHz) | 48.5 - 13.8 | 300 |
| 0.490~1.705 | 24000/F(kHz) | 33.8 - 23 | 30 |
| 1.705~30.0 | 30 | 29 | 30 |
| 30~88 | 100 | 40 | 3 |
| 88~216 | 150 | 43.5 | 3 |
| 216~960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

| Un-restricted band emissions above 1GHz Limit | |
|---|---|
| Operating Band | Limit |
| 5.15 - 5.25 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.25 - 5.35 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.47 - 5.725 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| 5.725 - 5.825 GHz | 5.715 5.725 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] 5.85 5.86 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Test Procedures

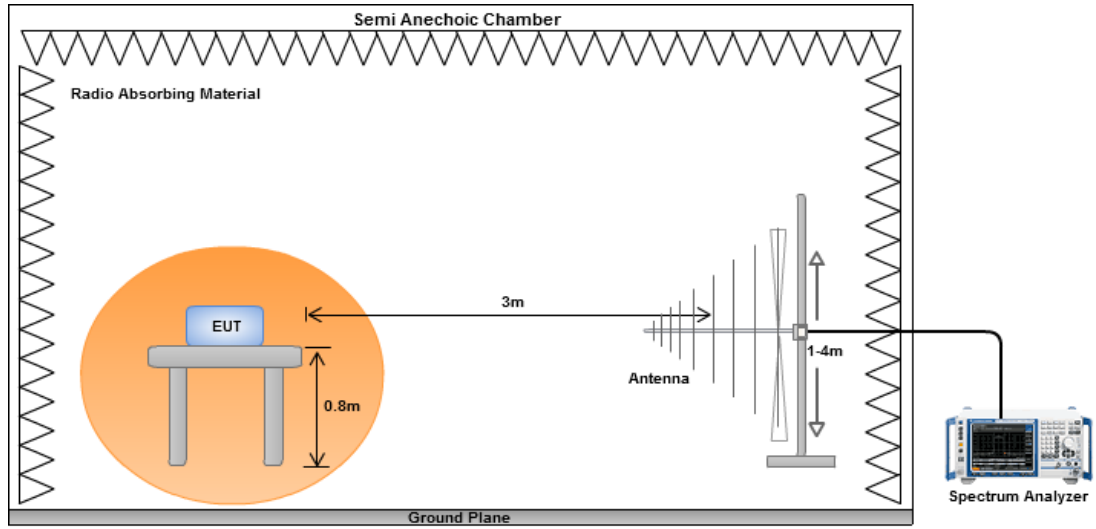
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

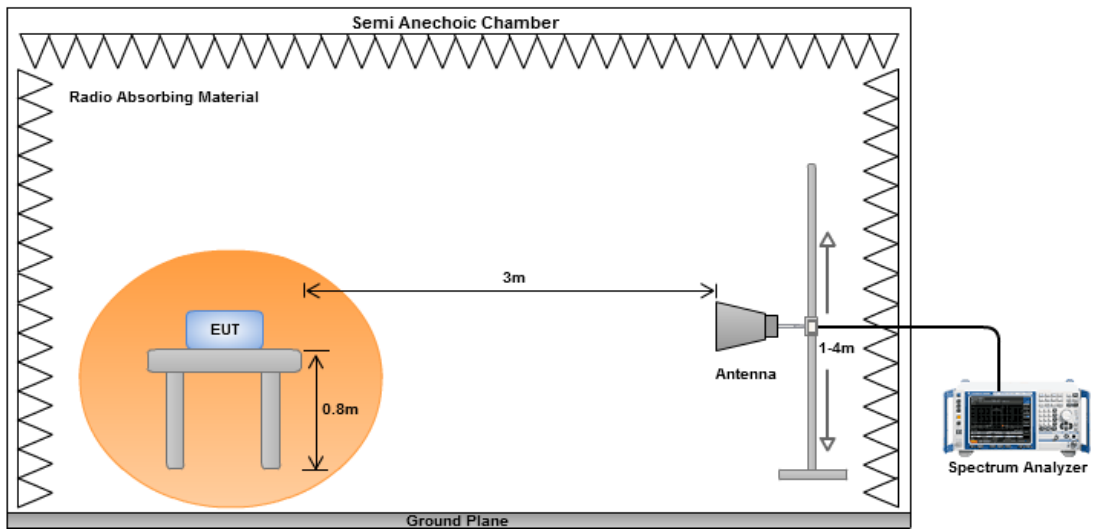
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.5.3 Test Setup

Radiated Emissions below 1 GHz



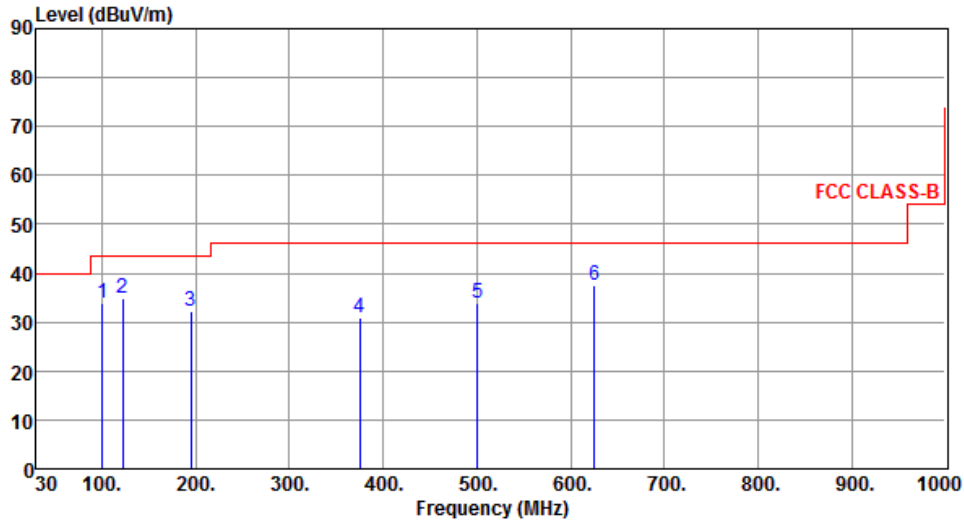
Radiated Emissions above 1 GHz



(Configuration 1: Internal PIFA antenna)

3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | Test Configuration | 1 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 100.83 | 33.88 | 43.50 | -9.62 | 55.58 | -21.70 | Peak | --- | --- |
| 2 | 122.36 | 34.97 | 43.50 | -8.53 | 53.90 | -18.93 | Peak | --- | --- |
| 3 | 194.90 | 32.08 | 43.50 | -11.42 | 51.70 | -19.62 | Peak | --- | --- |
| 4 | 375.45 | 30.74 | 46.00 | -15.26 | 45.08 | -14.34 | Peak | --- | --- |
| 5 | 500.71 | 33.94 | 46.00 | -12.06 | 45.48 | -11.54 | Peak | --- | --- |
| 6 | 625.27 | 37.55 | 46.00 | -8.45 | 46.74 | -9.19 | Peak | --- | --- |

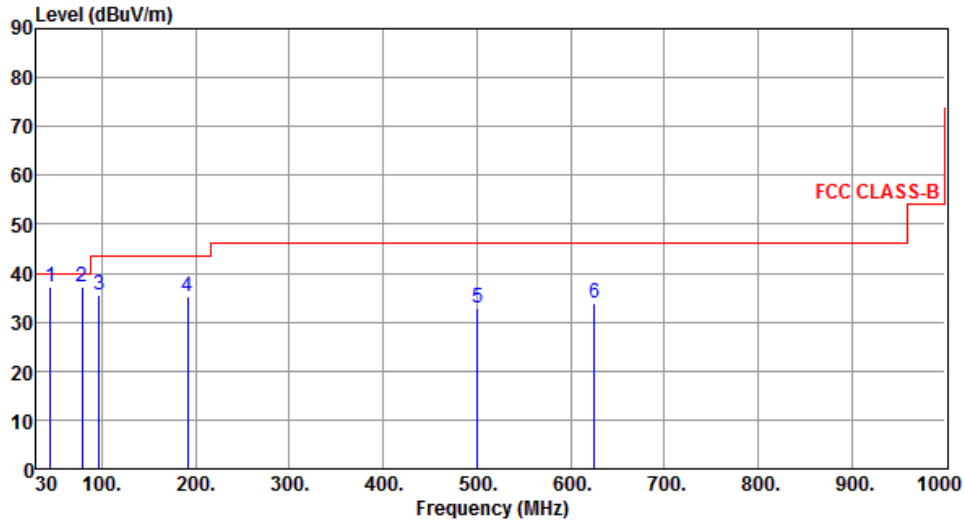
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 1 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 44.83 | 37.12 | 40.00 | -2.88 | 53.92 | -16.80 | Peak | --- | --- |
| 2 | 79.26 | 37.26 | 40.00 | -2.74 | 58.74 | -21.48 | Peak | --- | --- |
| 3 | 96.88 | 35.66 | 43.50 | -7.84 | 57.87 | -22.21 | Peak | --- | --- |
| 4 | 191.87 | 35.26 | 43.50 | -8.24 | 54.87 | -19.61 | Peak | --- | --- |
| 5 | 500.45 | 32.95 | 46.00 | -13.05 | 44.49 | -11.54 | Peak | --- | --- |
| 6 | 625.58 | 33.74 | 46.00 | -12.26 | 42.92 | -9.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

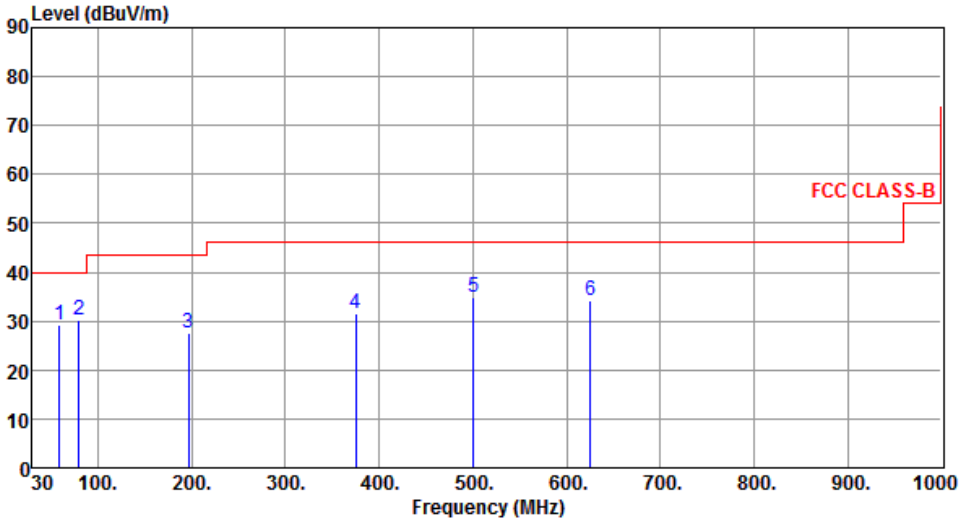
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.5 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

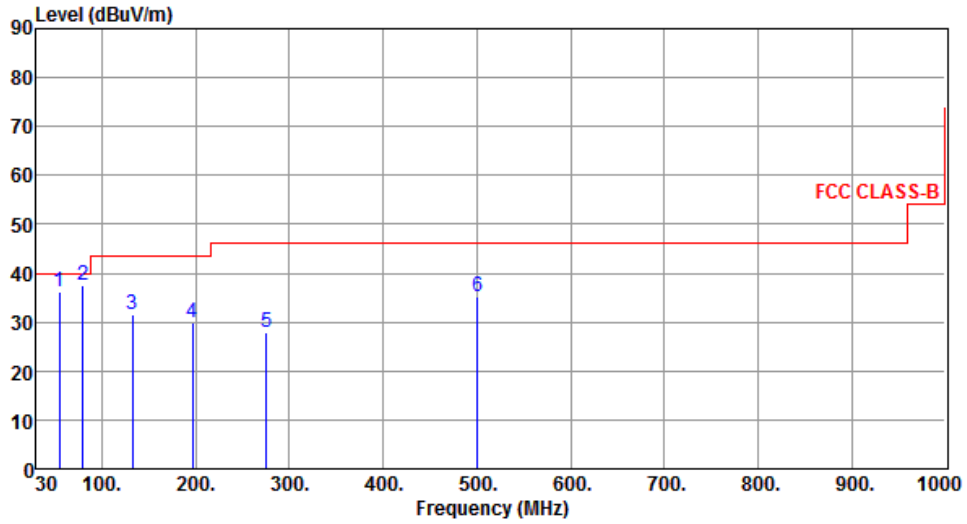
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
|--------------|------------|--------------------|------|
| Polarization | Horizontal | Test Configuration | 5 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 59.16 | 29.34 | 40.00 | -10.66 | 46.44 | -17.10 | Peak | --- | --- |
| 2 | 79.73 | 30.17 | 40.00 | -9.83 | 51.75 | -21.58 | Peak | --- | --- |
| 3 | 196.86 | 27.55 | 43.50 | -15.95 | 47.19 | -19.64 | Peak | --- | --- |
| 4 | 375.32 | 31.58 | 46.00 | -14.42 | 45.92 | -14.34 | Peak | --- | --- |
| 5 | 500.45 | 34.97 | 46.00 | -11.03 | 46.51 | -11.54 | Peak | --- | --- |
| 6 | 625.67 | 34.13 | 46.00 | -11.87 | 43.31 | -9.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 5 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 54.52 | 36.19 | 40.00 | -3.81 | 53.01 | -16.82 | QP | --- | --- |
| 2 | 79.58 | 37.58 | 40.00 | -2.42 | 59.12 | -21.54 | Peak | --- | --- |
| 3 | 132.85 | 31.59 | 43.50 | -11.91 | 49.59 | -18.00 | Peak | --- | --- |
| 4 | 196.84 | 29.83 | 43.50 | -13.67 | 49.47 | -19.64 | Peak | --- | --- |
| 5 | 275.47 | 27.98 | 46.00 | -18.02 | 44.85 | -16.87 | Peak | --- | --- |
| 6 | 500.45 | 35.26 | 46.00 | -10.74 | 46.80 | -11.54 | Peak | --- | --- |

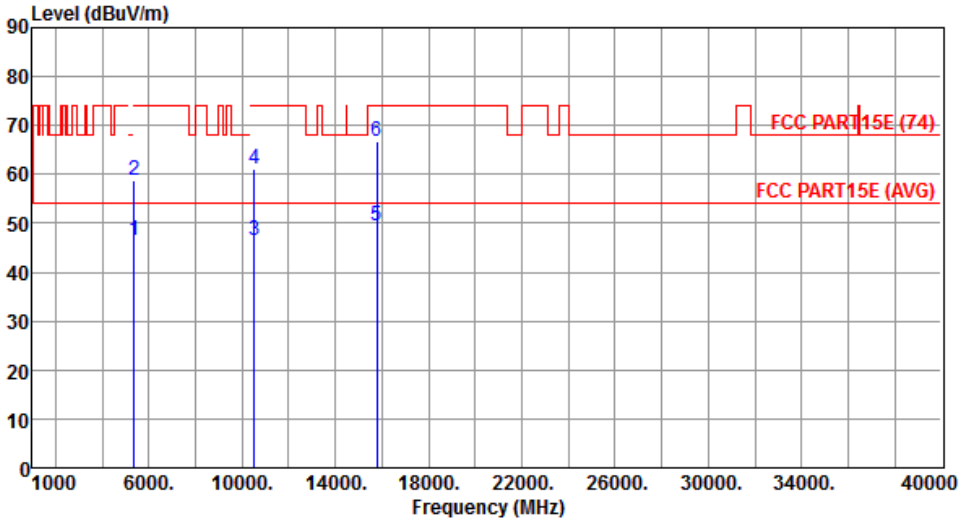
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

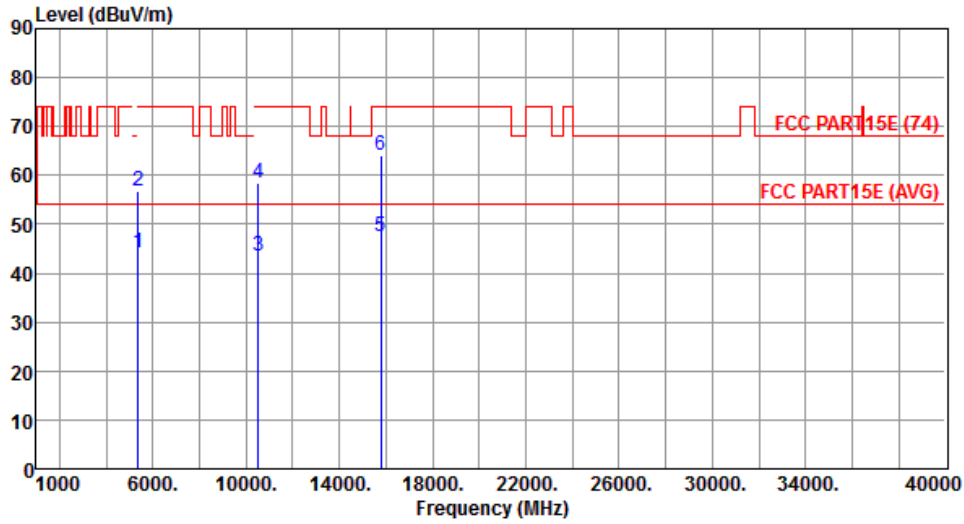
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

| Modulation | 11a | Test Freq. (MHz) | 5260 | | | | | | |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| Polarization | Horizontal | Test Configuration | 1 | | | | | | |
|  | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
| 1 | 5350.00 | 46.50 | 54.00 | -7.50 | 40.79 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 58.77 | 74.00 | -15.23 | 53.06 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 46.39 | 54.00 | -7.61 | 31.12 | 15.27 | Average | --- | --- |
| 4 | 10520.00 | 61.19 | 74.00 | -12.81 | 45.92 | 15.27 | Peak | --- | --- |
| 5 | 15780.00 | 49.43 | 54.00 | -4.57 | 35.25 | 14.18 | Average | --- | --- |
| 6 | 15780.00 | 66.66 | 74.00 | -7.34 | 52.48 | 14.18 | Peak | --- | --- |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 1 |



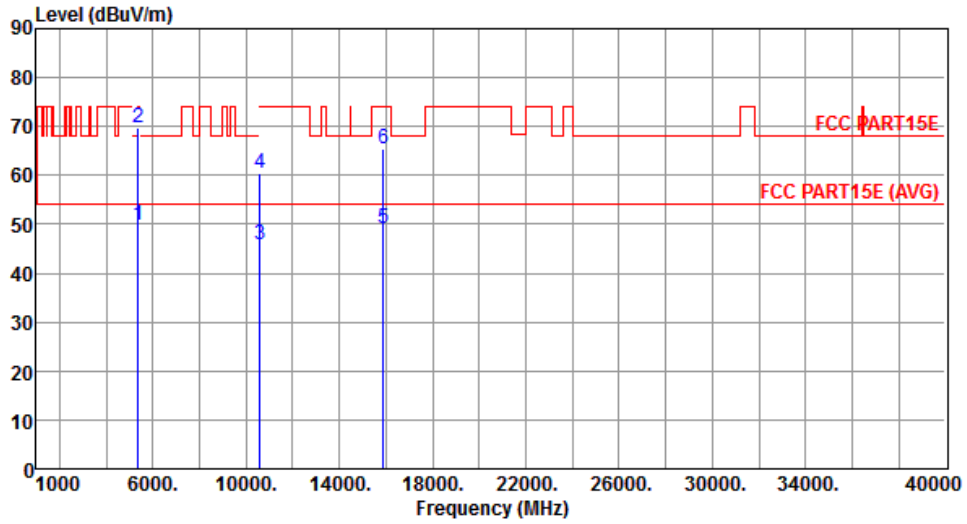
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 44.25 | 54.00 | -9.75 | 38.54 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 56.63 | 74.00 | -17.37 | 50.92 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 43.45 | 54.00 | -10.55 | 28.18 | 15.27 | Average | --- | --- |
| 4 | 10520.00 | 58.59 | 74.00 | -15.41 | 43.32 | 15.27 | Peak | --- | --- |
| 5 | 15780.00 | 47.61 | 54.00 | -6.39 | 33.43 | 14.18 | Average | --- | --- |
| 6 | 15780.00 | 64.08 | 74.00 | -9.92 | 49.90 | 14.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 1 |



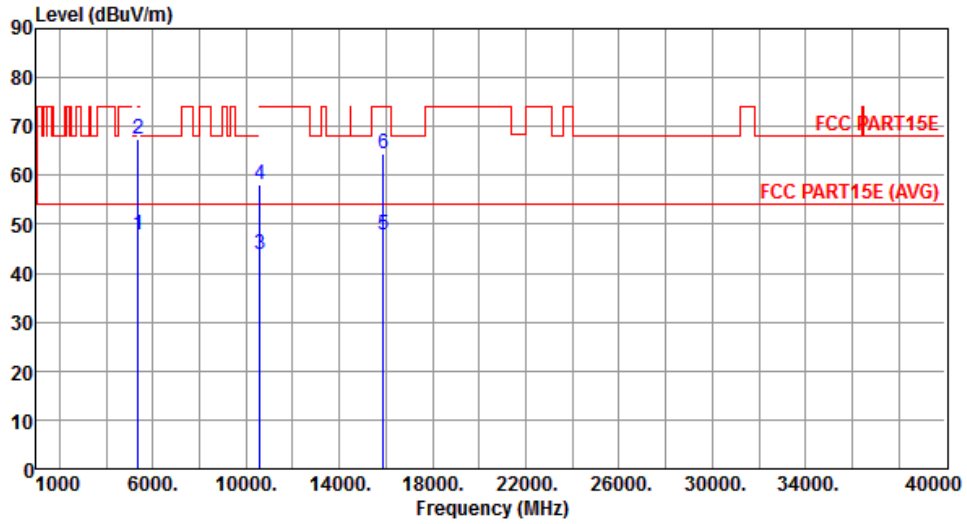
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 49.81 | 54.00 | -4.19 | 44.10 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 69.63 | 74.00 | -4.37 | 63.92 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 45.82 | 54.00 | -8.18 | 30.52 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 60.32 | 74.00 | -13.68 | 45.02 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 49.02 | 54.00 | -4.98 | 35.02 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 65.59 | 74.00 | -8.41 | 51.59 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 1 |



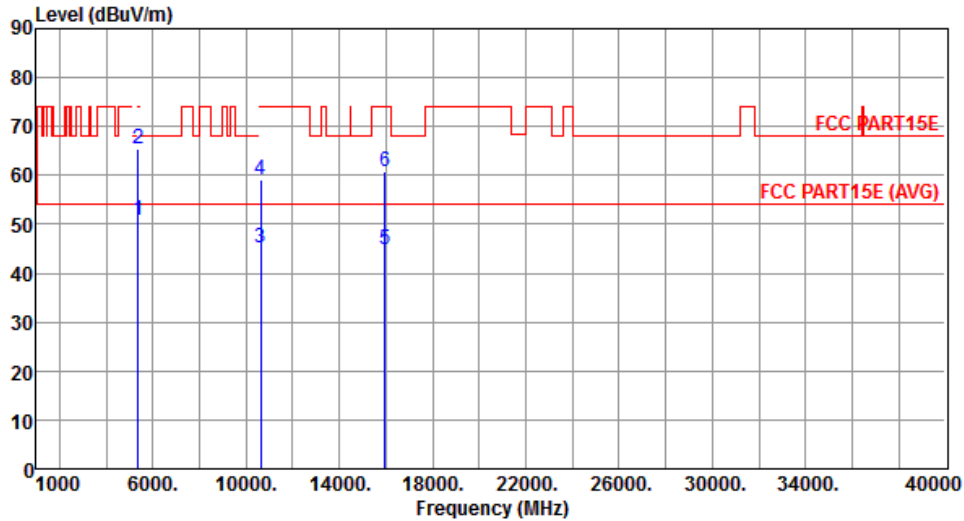
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 47.75 | 54.00 | -6.25 | 42.04 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 67.36 | 74.00 | -6.64 | 61.65 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 43.74 | 54.00 | -10.26 | 28.44 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 58.26 | 74.00 | -15.74 | 42.96 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 47.85 | 54.00 | -6.15 | 33.85 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 64.33 | 74.00 | -9.67 | 50.33 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 1 |



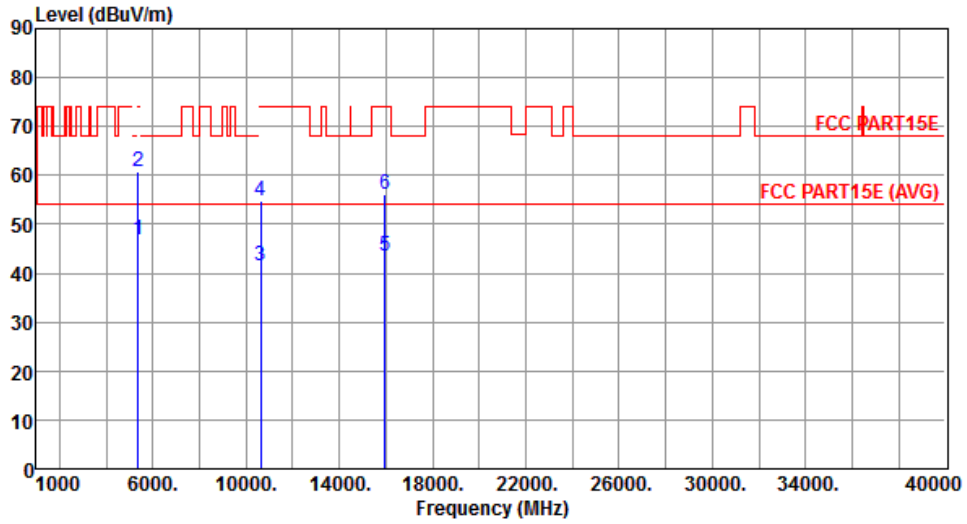
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 50.87 | 54.00 | -3.13 | 45.16 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 65.43 | 74.00 | -8.57 | 59.72 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 45.32 | 54.00 | -8.68 | 30.00 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 59.01 | 74.00 | -14.99 | 43.69 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 44.67 | 54.00 | -9.33 | 30.76 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 60.84 | 74.00 | -13.16 | 46.93 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 1 |



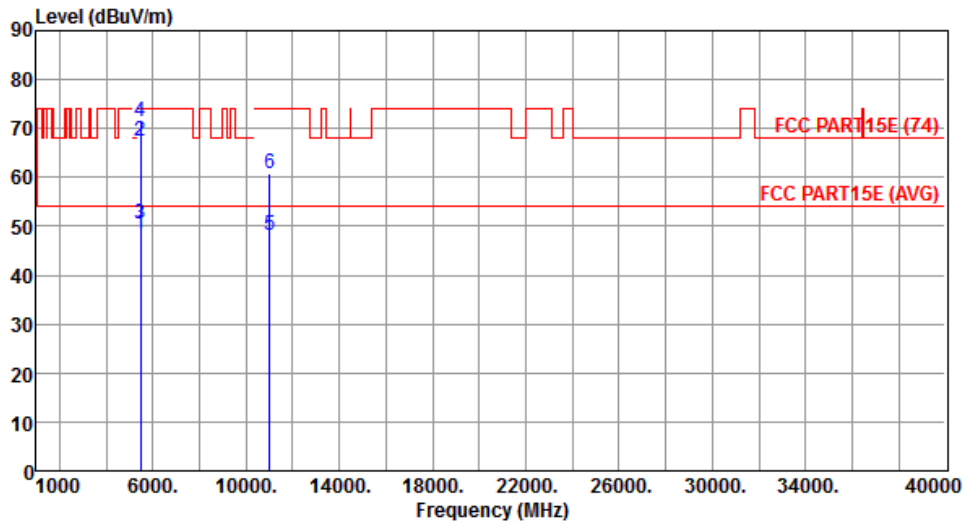
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 46.96 | 54.00 | -7.04 | 41.25 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 60.79 | 74.00 | -13.21 | 55.08 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 41.37 | 54.00 | -12.63 | 26.05 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 54.86 | 74.00 | -19.14 | 39.54 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 43.54 | 54.00 | -10.46 | 29.63 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 56.28 | 74.00 | -17.72 | 42.37 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 1 |



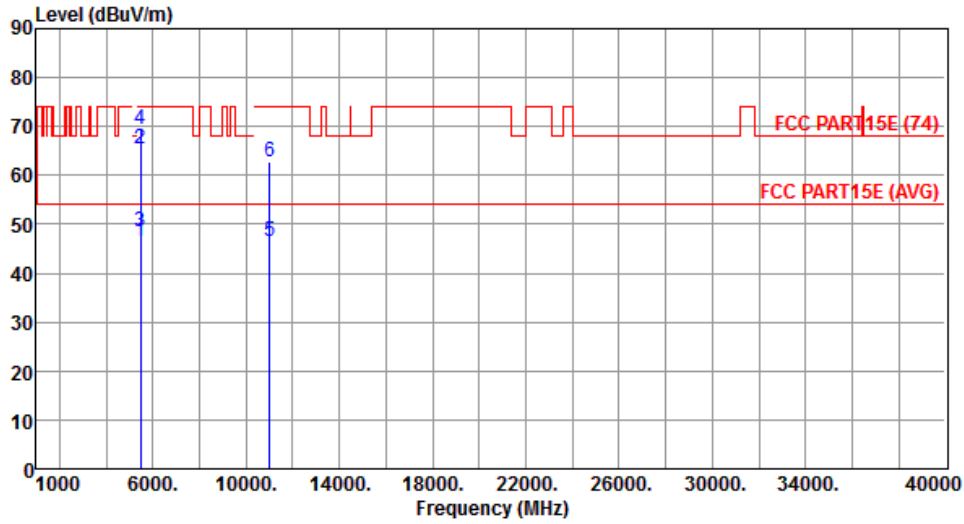
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.60 | 54.00 | -5.40 | 42.92 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 67.57 | 74.00 | -6.43 | 61.89 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 50.59 | 54.00 | -3.41 | 44.93 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 71.50 | 74.00 | -2.50 | 65.84 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 48.19 | 54.00 | -5.81 | 32.74 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 60.80 | 74.00 | -13.20 | 45.35 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 1 |



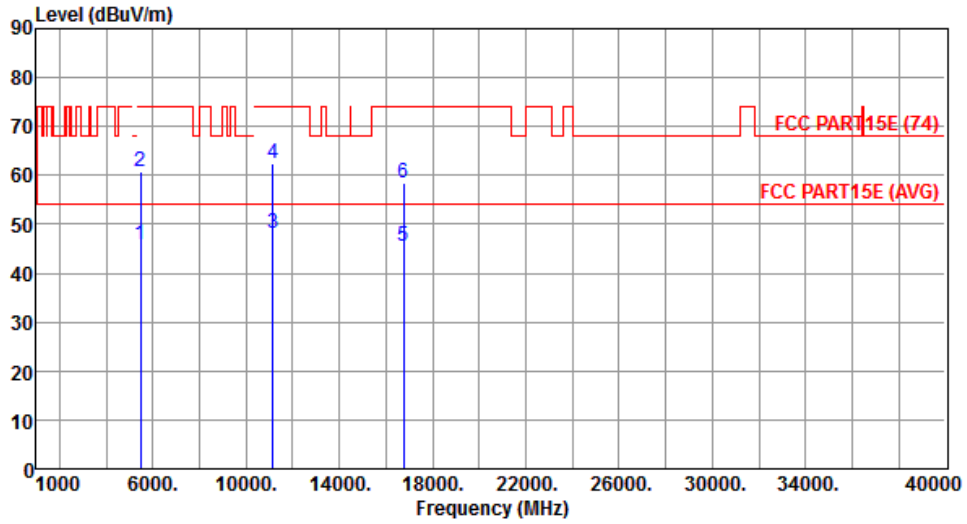
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.33 | 54.00 | -7.67 | 40.65 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 65.52 | 74.00 | -8.48 | 59.84 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 48.44 | 54.00 | -5.56 | 42.78 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 69.35 | 74.00 | -4.65 | 63.69 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 46.58 | 54.00 | -7.42 | 31.13 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 62.79 | 74.00 | -11.21 | 47.34 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 1 |



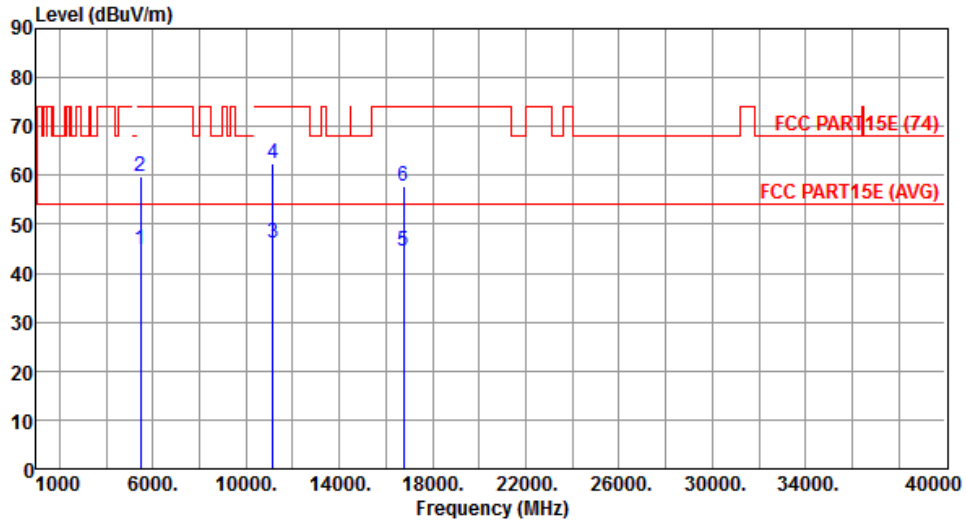
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 45.96 | 54.00 | -8.04 | 40.30 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 60.90 | 74.00 | -13.10 | 55.24 | 5.66 | Peak | --- | --- |
| 3 | 11160.00 | 48.00 | 54.00 | -6.00 | 32.83 | 15.17 | Average | --- | --- |
| 4 | 11160.00 | 62.54 | 74.00 | -11.46 | 47.37 | 15.17 | Peak | --- | --- |
| 5 | 16740.00 | 45.50 | 54.00 | -8.50 | 28.86 | 16.64 | Average | --- | --- |
| 6 | 16740.00 | 58.55 | 74.00 | -15.45 | 41.91 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 1 |



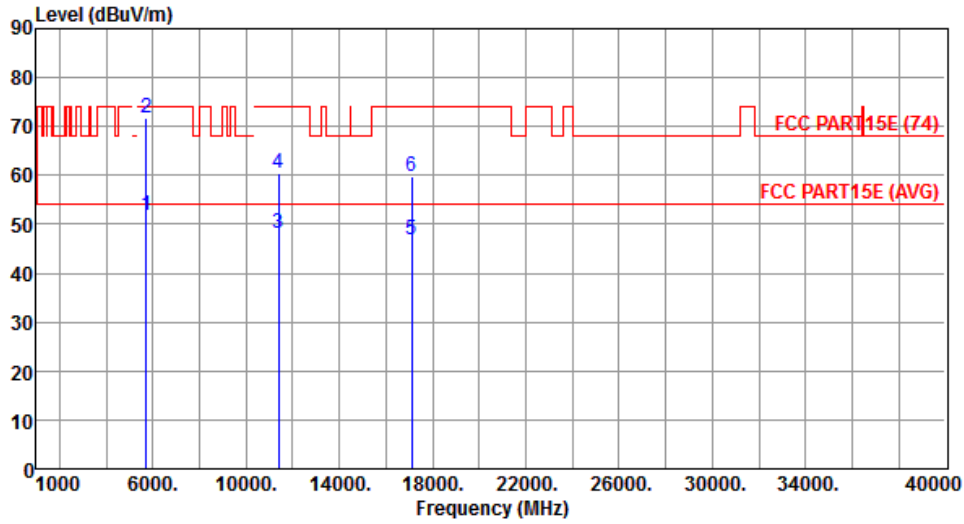
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 44.78 | 54.00 | -9.22 | 39.12 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 59.82 | 74.00 | -14.18 | 54.16 | 5.66 | Peak | --- | --- |
| 3 | 11160.00 | 46.00 | 54.00 | -8.00 | 30.83 | 15.17 | Average | --- | --- |
| 4 | 11160.00 | 62.45 | 74.00 | -11.55 | 47.28 | 15.17 | Peak | --- | --- |
| 5 | 16740.00 | 44.65 | 54.00 | -9.35 | 28.01 | 16.64 | Average | --- | --- |
| 6 | 16740.00 | 57.82 | 74.00 | -16.18 | 41.18 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 1 |



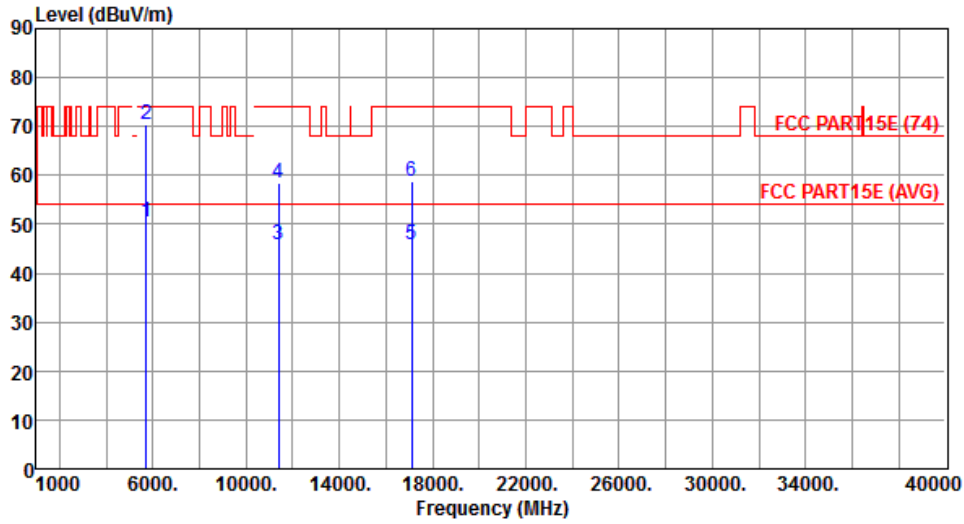
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 51.66 | 54.00 | -2.34 | 46.08 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 71.65 | 74.00 | -2.35 | 66.07 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 48.05 | 54.00 | -5.95 | 33.31 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 60.61 | 74.00 | -13.39 | 45.87 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 46.84 | 54.00 | -7.16 | 29.14 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 59.86 | 74.00 | -14.14 | 42.16 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 1 |



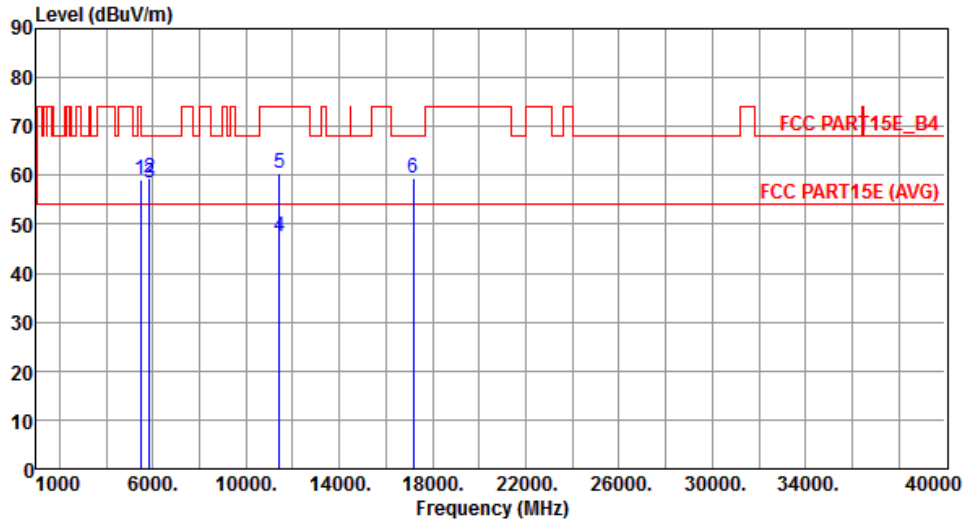
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 50.35 | 54.00 | -3.65 | 44.77 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 70.42 | 74.00 | -3.58 | 64.84 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 45.87 | 54.00 | -8.13 | 31.13 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 58.55 | 74.00 | -15.45 | 43.81 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 45.73 | 54.00 | -8.27 | 28.03 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 58.69 | 74.00 | -15.31 | 40.99 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 1 |



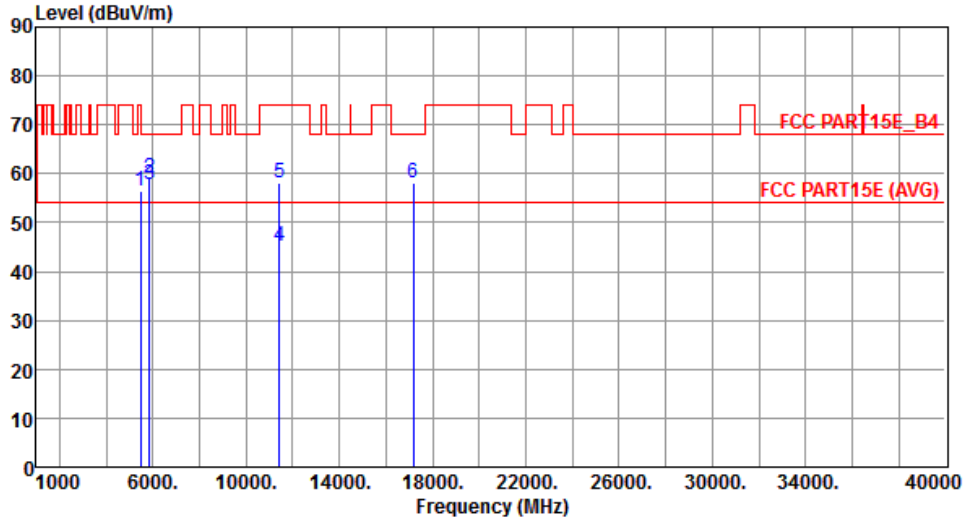
| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.99 | 68.20 | -9.21 | 53.33 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 59.30 | 78.20 | -18.90 | 53.68 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.53 | 68.20 | -9.67 | 52.91 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 47.57 | 54.00 | -6.43 | 32.91 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 60.33 | 74.00 | -13.67 | 45.67 | 14.66 | Peak | --- | --- |
| 6 | 17160.00 | 59.48 | 68.20 | -8.72 | 41.53 | 17.95 | Peak | --- | --- |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 1 |



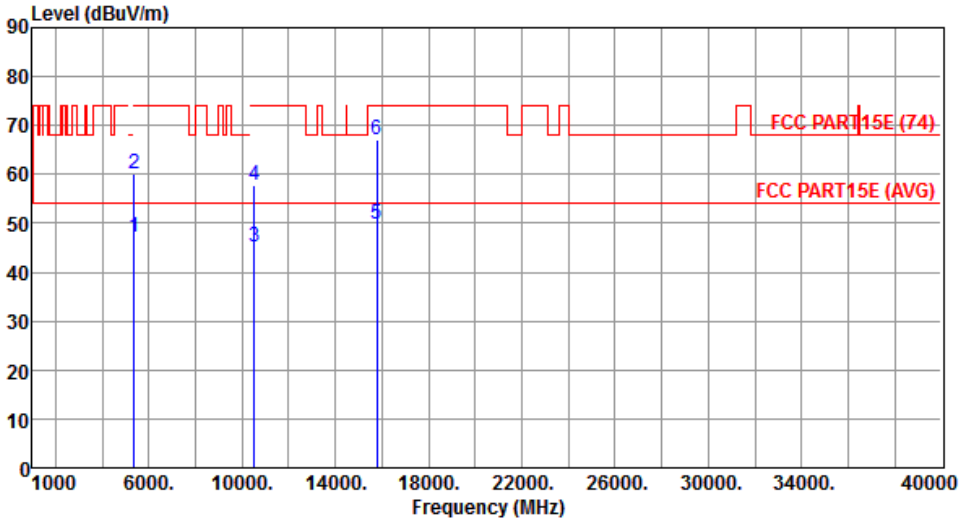
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 56.55 | 68.20 | -11.65 | 50.89 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.95 | 78.20 | -19.25 | 53.33 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 57.87 | 68.20 | -10.33 | 52.25 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 45.31 | 54.00 | -8.69 | 30.65 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 58.12 | 74.00 | -15.88 | 43.46 | 14.66 | Peak | --- | --- |
| 6 | 17160.00 | 58.22 | 68.20 | -9.98 | 40.27 | 17.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

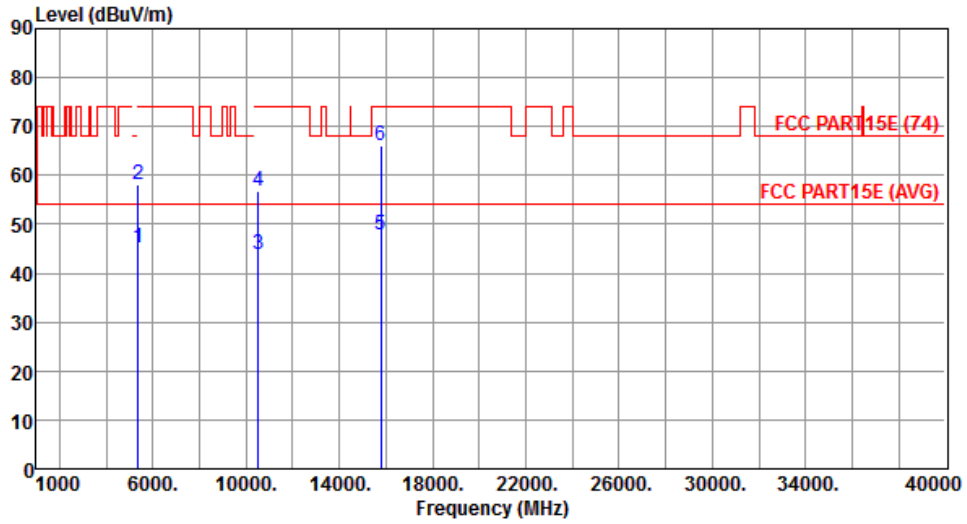
*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT20

| Modulation | VHT20 | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|-------|-------|-------|---------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|---|----------|-------|-------|-------|-------|-------|---------|-----|---|----------|-------|-------|-------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>47.00</td> <td>54.00</td> <td>-7.00</td> <td>41.29</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5350.00</td> <td>60.10</td> <td>74.00</td> <td>-13.90</td> <td>54.39</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>10520.00</td> <td>45.08</td> <td>54.00</td> <td>-8.92</td> <td>29.81</td> <td>15.27</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>10520.00</td> <td>57.83</td> <td>74.00</td> <td>-16.17</td> <td>42.56</td> <td>15.27</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>15780.00</td> <td>49.75</td> <td>54.00</td> <td>-4.25</td> <td>35.57</td> <td>14.18</td> <td>Average</td> <td>---</td> </tr> <tr> <td>6</td> <td>15780.00</td> <td>67.12</td> <td>74.00</td> <td>-6.88</td> <td>52.94</td> <td>14.18</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5350.00 | 47.00 | 54.00 | -7.00 | 41.29 | 5.71 | Average | --- | 2 | 5350.00 | 60.10 | 74.00 | -13.90 | 54.39 | 5.71 | Peak | --- | 3 | 10520.00 | 45.08 | 54.00 | -8.92 | 29.81 | 15.27 | Average | --- | 4 | 10520.00 | 57.83 | 74.00 | -16.17 | 42.56 | 15.27 | Peak | --- | 5 | 15780.00 | 49.75 | 54.00 | -4.25 | 35.57 | 14.18 | Average | --- | 6 | 15780.00 | 67.12 | 74.00 | -6.88 | 52.94 | 14.18 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 47.00 | 54.00 | -7.00 | 41.29 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5350.00 | 60.10 | 74.00 | -13.90 | 54.39 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10520.00 | 45.08 | 54.00 | -8.92 | 29.81 | 15.27 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 10520.00 | 57.83 | 74.00 | -16.17 | 42.56 | 15.27 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 15780.00 | 49.75 | 54.00 | -4.25 | 35.57 | 14.18 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 15780.00 | 67.12 | 74.00 | -6.88 | 52.94 | 14.18 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 1 |



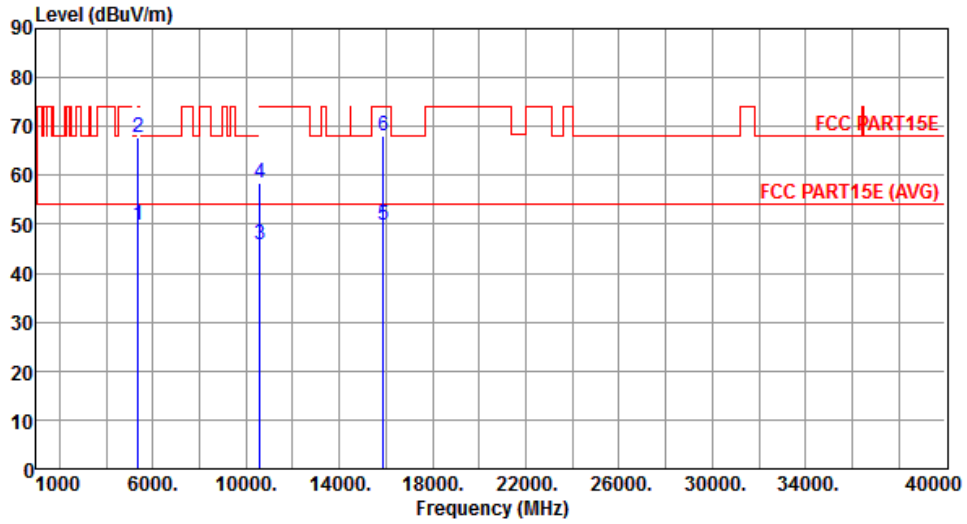
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 45.08 | 54.00 | -8.92 | 39.37 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 58.02 | 74.00 | -15.98 | 52.31 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 43.94 | 54.00 | -10.06 | 28.67 | 15.27 | Average | --- | --- |
| 4 | 10520.00 | 56.67 | 74.00 | -17.33 | 41.40 | 15.27 | Peak | --- | --- |
| 5 | 15780.00 | 47.95 | 54.00 | -6.05 | 33.77 | 14.18 | Average | --- | --- |
| 6 | 15780.00 | 65.97 | 74.00 | -8.03 | 51.79 | 14.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 1 |



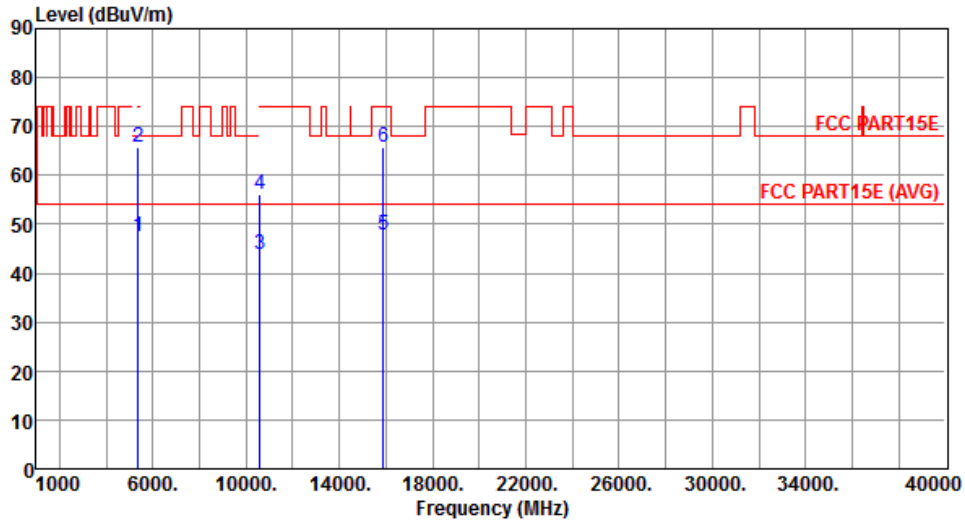
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-----------|---------|-------------|----------------|
| 1 | 5350.00 | 49.68 | 54.00 | -4.32 | 43.97 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 67.86 | 74.00 | -6.14 | 62.15 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 45.84 | 54.00 | -8.16 | 30.54 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 58.43 | 74.00 | -15.57 | 43.13 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 49.82 | 54.00 | -4.18 | 35.82 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 67.94 | 74.00 | -6.06 | 53.94 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 1 |



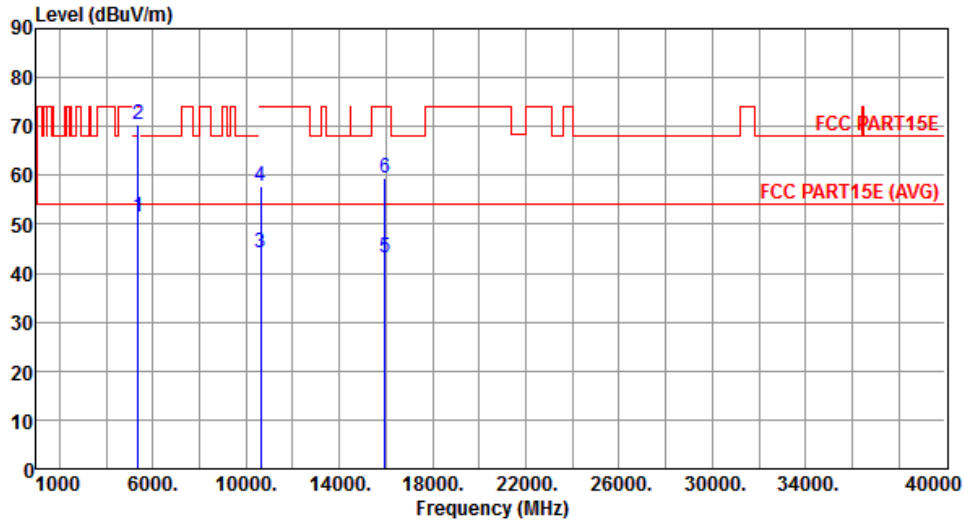
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 47.35 | 54.00 | -6.65 | 41.64 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 65.68 | 74.00 | -8.32 | 59.97 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 43.72 | 54.00 | -10.28 | 28.42 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 56.28 | 74.00 | -17.72 | 40.98 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 47.75 | 54.00 | -6.25 | 33.75 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 65.83 | 74.00 | -8.17 | 51.83 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 1 |



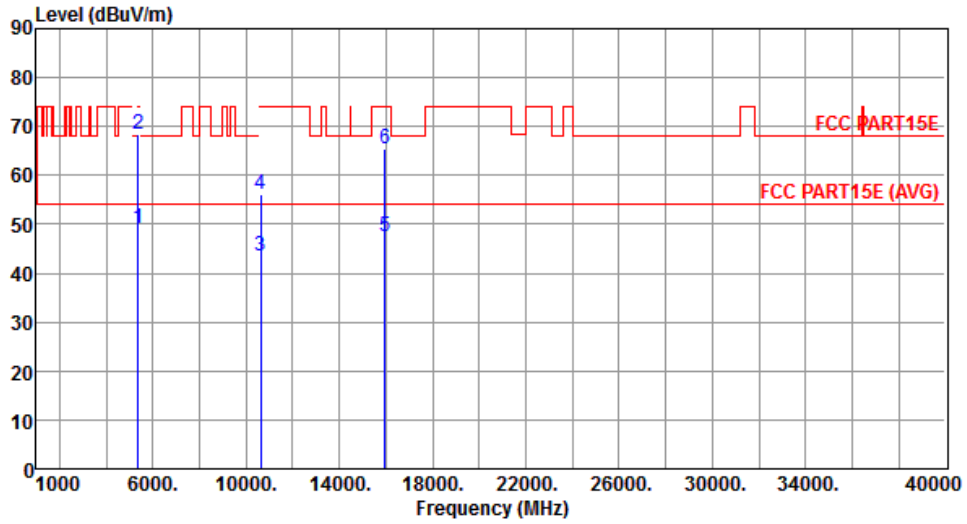
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 51.35 | 54.00 | -2.65 | 45.64 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 70.56 | 74.00 | -3.44 | 64.85 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 44.03 | 54.00 | -9.97 | 28.71 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 57.71 | 74.00 | -16.29 | 42.39 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 43.19 | 54.00 | -10.81 | 29.28 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 59.33 | 74.00 | -14.67 | 45.42 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 1 |



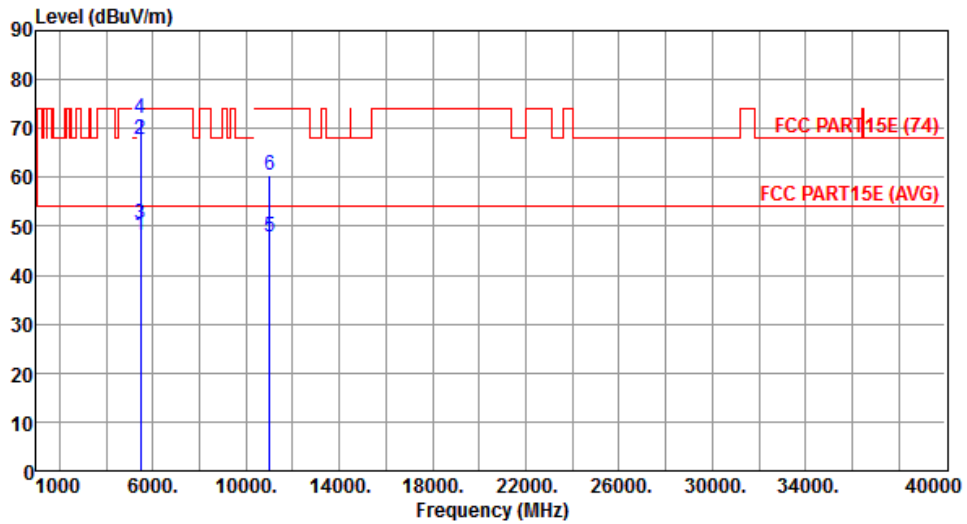
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 49.26 | 54.00 | -4.74 | 43.55 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 68.35 | 74.00 | -5.65 | 62.64 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 43.64 | 54.00 | -10.36 | 28.32 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 56.07 | 74.00 | -17.93 | 40.75 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 47.37 | 54.00 | -6.63 | 33.46 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 65.38 | 74.00 | -8.62 | 51.47 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 1 |



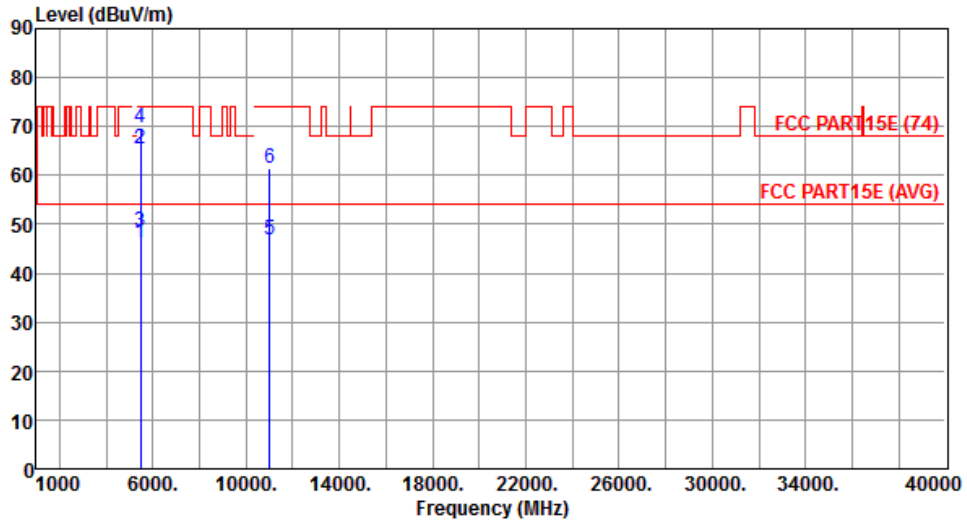
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.23 | 54.00 | -5.77 | 42.55 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 67.62 | 74.00 | -6.38 | 61.94 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 50.32 | 54.00 | -3.68 | 44.66 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 71.98 | 74.00 | -2.02 | 66.32 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 47.73 | 54.00 | -6.27 | 32.28 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 60.28 | 74.00 | -13.72 | 44.83 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 1 |



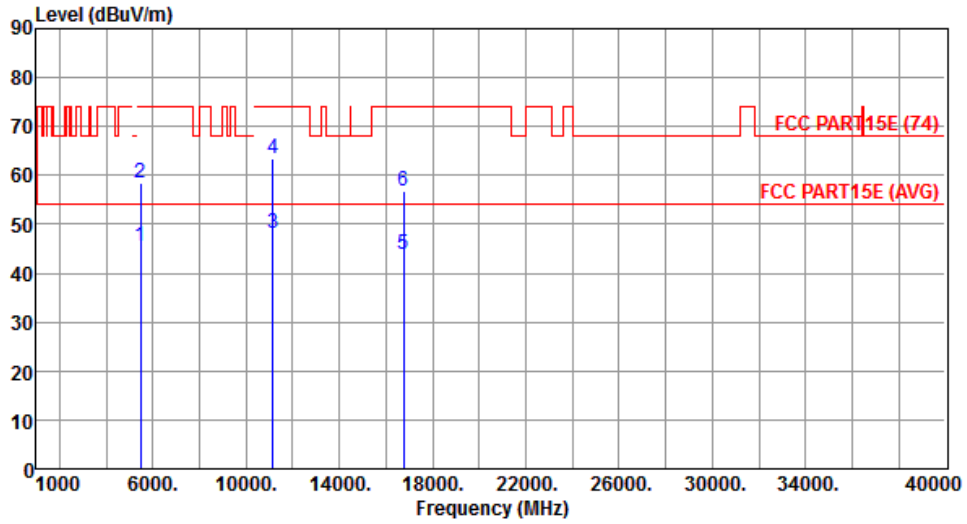
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.12 | 54.00 | -7.88 | 40.44 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 65.58 | 74.00 | -8.42 | 59.90 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 48.37 | 54.00 | -5.63 | 42.71 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 69.84 | 74.00 | -4.16 | 64.18 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 46.68 | 54.00 | -7.32 | 31.23 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 61.59 | 74.00 | -12.41 | 46.14 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 1 |



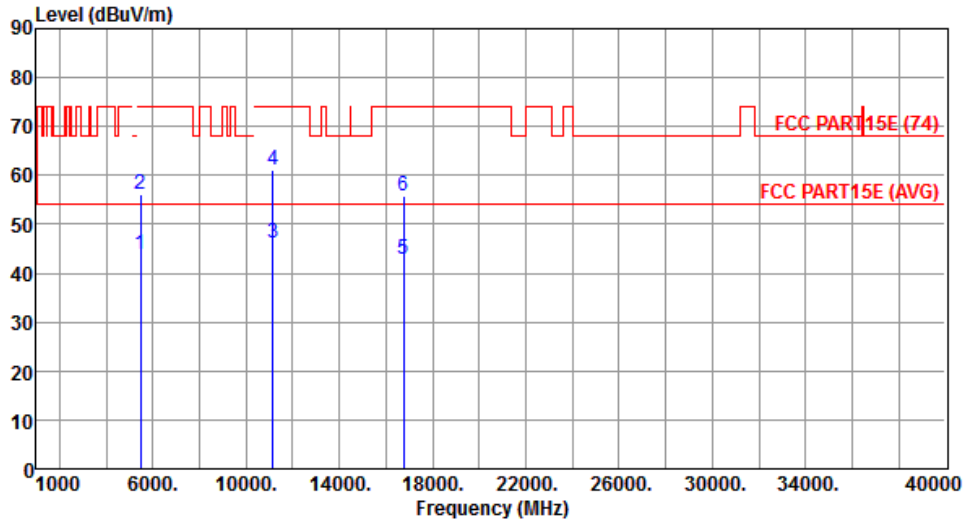
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 45.61 | 54.00 | -8.39 | 39.95 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 58.49 | 74.00 | -15.51 | 52.83 | 5.66 | Peak | --- | --- |
| 3 | 11160.00 | 48.00 | 54.00 | -6.00 | 32.83 | 15.17 | Average | --- | --- |
| 4 | 11160.00 | 63.38 | 74.00 | -10.62 | 48.21 | 15.17 | Peak | --- | --- |
| 5 | 16740.00 | 43.92 | 54.00 | -10.08 | 27.28 | 16.64 | Average | --- | --- |
| 6 | 16740.00 | 56.79 | 74.00 | -17.21 | 40.15 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 1 |



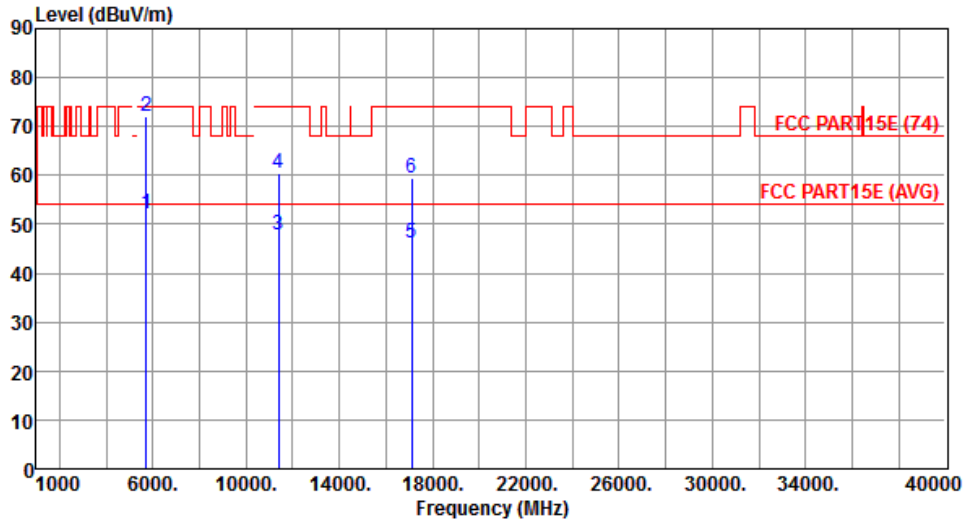
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 43.75 | 54.00 | -10.25 | 38.09 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 56.28 | 74.00 | -17.72 | 50.62 | 5.66 | Peak | --- | --- |
| 3 | 11160.00 | 46.23 | 54.00 | -7.77 | 31.06 | 15.17 | Average | --- | --- |
| 4 | 11160.00 | 61.27 | 74.00 | -12.73 | 46.10 | 15.17 | Peak | --- | --- |
| 5 | 16740.00 | 42.84 | 54.00 | -11.16 | 26.20 | 16.64 | Average | --- | --- |
| 6 | 16740.00 | 55.73 | 74.00 | -18.27 | 39.09 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 1 |



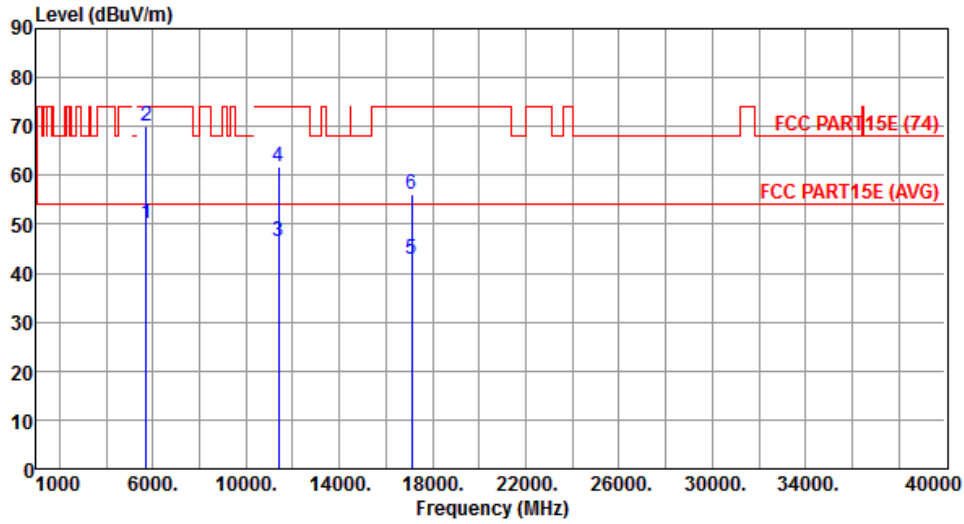
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.08 | 54.00 | -1.92 | 46.50 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 72.04 | 74.00 | -1.96 | 66.46 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 47.75 | 54.00 | -6.25 | 33.01 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 60.34 | 74.00 | -13.66 | 45.60 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 46.08 | 54.00 | -7.92 | 28.38 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 59.42 | 74.00 | -14.58 | 41.72 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 1 |



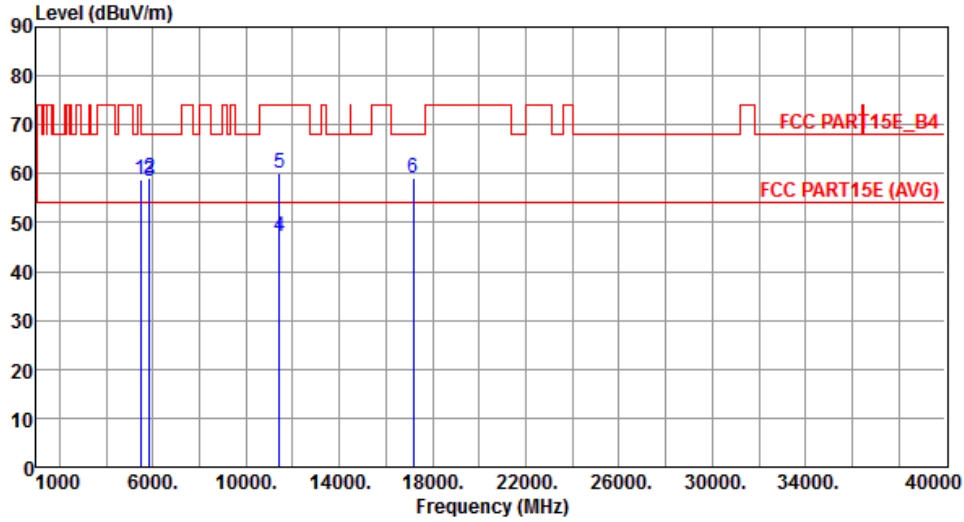
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 50.21 | 54.00 | -3.79 | 44.63 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 70.18 | 74.00 | -3.82 | 64.60 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 46.58 | 54.00 | -7.42 | 31.84 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 61.67 | 74.00 | -12.33 | 46.93 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 42.98 | 54.00 | -11.02 | 25.28 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 56.06 | 74.00 | -17.94 | 38.36 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 1 |



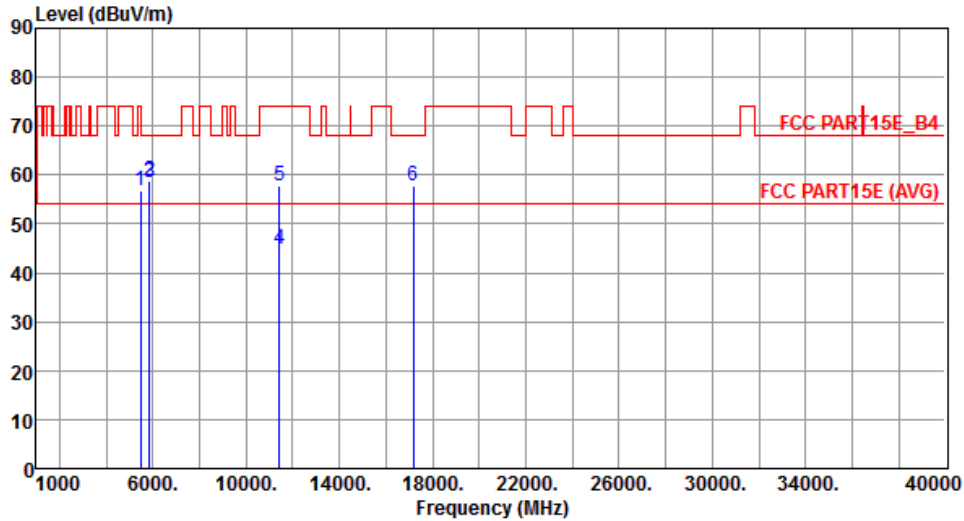
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.87 | 68.20 | -9.33 | 53.21 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 59.26 | 78.20 | -18.94 | 53.64 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.59 | 68.20 | -9.61 | 52.97 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 47.12 | 54.00 | -6.88 | 32.46 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 60.00 | 74.00 | -14.00 | 45.34 | 14.66 | Peak | --- | --- |
| 6 | 17160.00 | 59.13 | 68.20 | -9.07 | 41.18 | 17.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 1 |



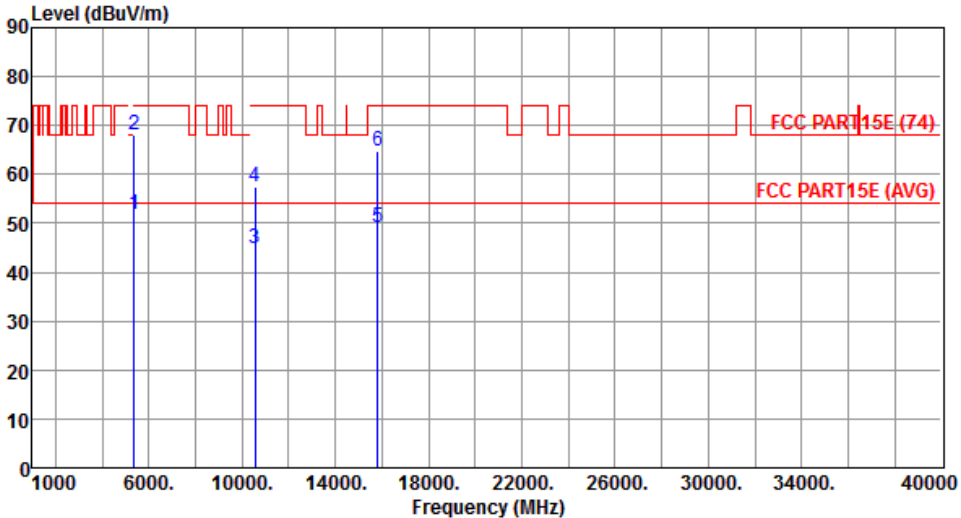
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 56.78 | 68.20 | -11.42 | 51.12 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.93 | 78.20 | -19.27 | 53.31 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.38 | 68.20 | -9.82 | 52.76 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 44.98 | 54.00 | -9.02 | 30.32 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 57.74 | 74.00 | -16.26 | 43.08 | 14.66 | Peak | --- | --- |
| 6 | 17160.00 | 57.75 | 68.20 | -10.45 | 39.80 | 17.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

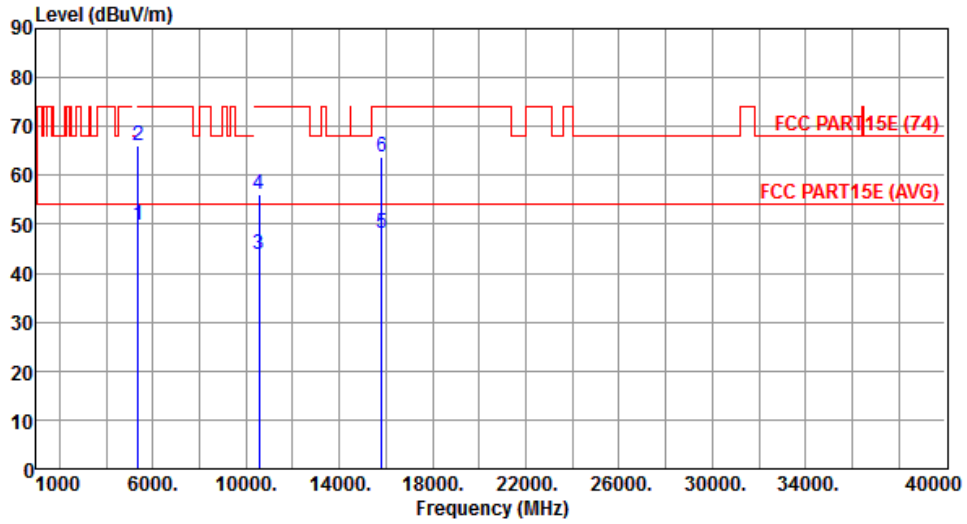
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|-------|-------|------|------|-----|---|----------|-------|-------|-------|-------|-------|---------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|---|----------|-------|-------|-------|-------|-------|---------|-----|---|----------|-------|-------|-------|-------|-------|------|-----|--|--|--|--|--|--|--|
| Polarization | Horizontal | Test Configuration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>51.95</td> <td>54.00</td> <td>-2.05</td> <td>46.24</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5350.00</td> <td>68.04</td> <td>74.00</td> <td>-5.96</td> <td>62.33</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>10540.00</td> <td>45.00</td> <td>54.00</td> <td>-9.00</td> <td>29.72</td> <td>15.28</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>10540.00</td> <td>57.55</td> <td>74.00</td> <td>-16.45</td> <td>42.27</td> <td>15.28</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>15810.00</td> <td>49.26</td> <td>54.00</td> <td>-4.74</td> <td>35.13</td> <td>14.13</td> <td>Average</td> <td>---</td> </tr> <tr> <td>6</td> <td>15810.00</td> <td>64.88</td> <td>74.00</td> <td>-9.12</td> <td>50.75</td> <td>14.13</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5350.00 | 51.95 | 54.00 | -2.05 | 46.24 | 5.71 | Average | --- | 2 | 5350.00 | 68.04 | 74.00 | -5.96 | 62.33 | 5.71 | Peak | --- | 3 | 10540.00 | 45.00 | 54.00 | -9.00 | 29.72 | 15.28 | Average | --- | 4 | 10540.00 | 57.55 | 74.00 | -16.45 | 42.27 | 15.28 | Peak | --- | 5 | 15810.00 | 49.26 | 54.00 | -4.74 | 35.13 | 14.13 | Average | --- | 6 | 15810.00 | 64.88 | 74.00 | -9.12 | 50.75 | 14.13 | Peak | --- | | | | | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 51.95 | 54.00 | -2.05 | 46.24 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5350.00 | 68.04 | 74.00 | -5.96 | 62.33 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10540.00 | 45.00 | 54.00 | -9.00 | 29.72 | 15.28 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 10540.00 | 57.55 | 74.00 | -16.45 | 42.27 | 15.28 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 15810.00 | 49.26 | 54.00 | -4.74 | 35.13 | 14.13 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 15810.00 | 64.88 | 74.00 | -9.12 | 50.75 | 14.13 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 1 |



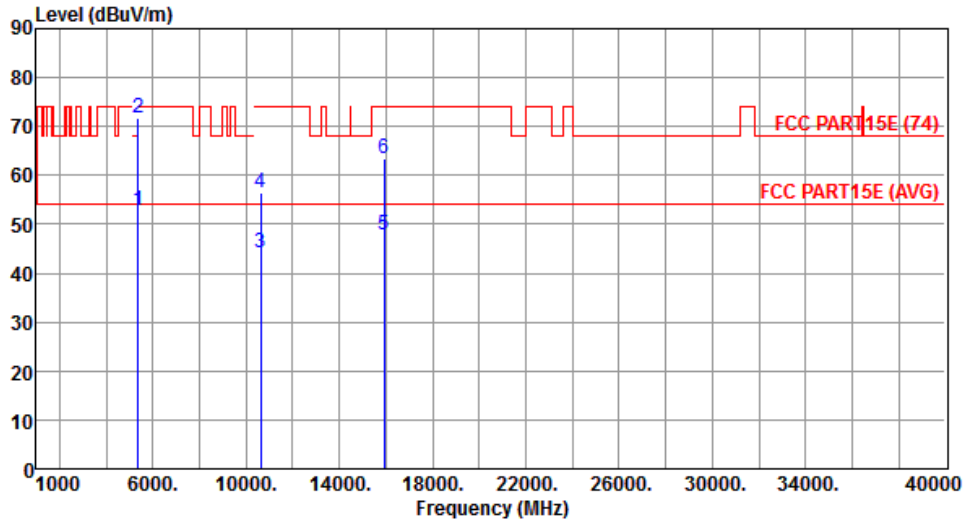
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 49.86 | 54.00 | -4.14 | 44.15 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 66.18 | 74.00 | -7.82 | 60.47 | 5.71 | Peak | --- | --- |
| 3 | 10540.00 | 43.89 | 54.00 | -10.11 | 28.61 | 15.28 | Average | --- | --- |
| 4 | 10540.00 | 56.23 | 74.00 | -17.77 | 40.95 | 15.28 | Peak | --- | --- |
| 5 | 15810.00 | 48.12 | 54.00 | -5.88 | 33.99 | 14.13 | Average | --- | --- |
| 6 | 15810.00 | 63.72 | 74.00 | -10.28 | 49.59 | 14.13 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | Test Configuration | 1 |



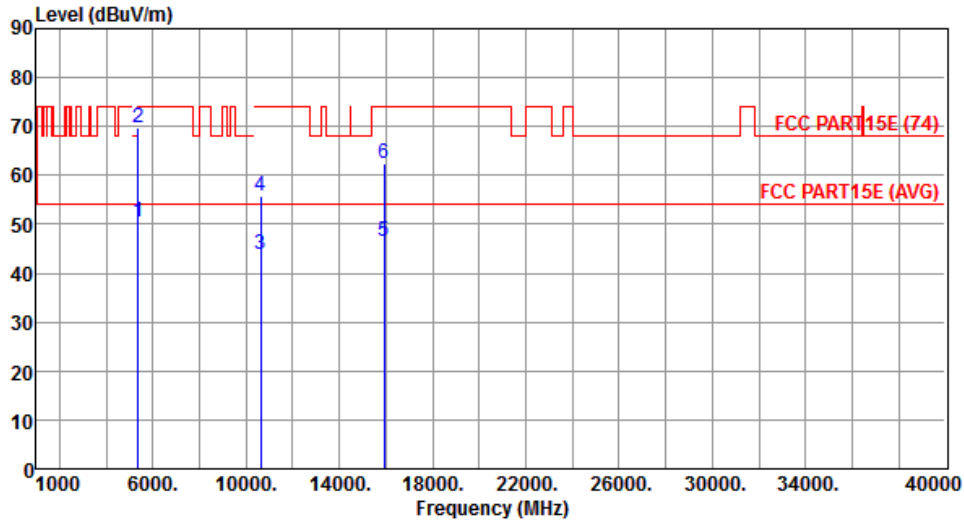
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 52.90 | 54.00 | -1.10 | 47.19 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 71.86 | 74.00 | -2.14 | 66.15 | 5.71 | Peak | --- | --- |
| 3 | 10620.00 | 44.27 | 54.00 | -9.73 | 28.96 | 15.31 | Average | --- | --- |
| 4 | 10620.00 | 56.39 | 74.00 | -17.61 | 41.08 | 15.31 | Peak | --- | --- |
| 5 | 15930.00 | 47.88 | 54.00 | -6.12 | 33.93 | 13.95 | Average | --- | --- |
| 6 | 15930.00 | 63.53 | 74.00 | -10.47 | 49.58 | 13.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | Test Configuration | 1 |



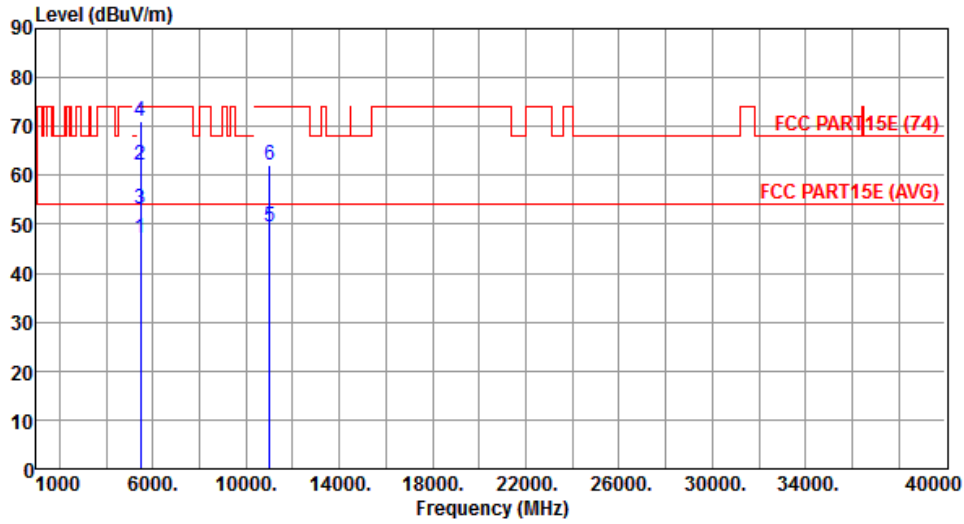
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 50.45 | 54.00 | -3.55 | 44.74 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 69.89 | 74.00 | -4.11 | 64.18 | 5.71 | Peak | --- | --- |
| 3 | 10620.00 | 43.71 | 54.00 | -10.29 | 28.40 | 15.31 | Average | --- | --- |
| 4 | 10620.00 | 55.82 | 74.00 | -18.18 | 40.51 | 15.31 | Peak | --- | --- |
| 5 | 15930.00 | 46.56 | 54.00 | -7.44 | 32.61 | 13.95 | Average | --- | --- |
| 6 | 15930.00 | 62.43 | 74.00 | -11.57 | 48.48 | 13.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | Test Configuration | 1 |



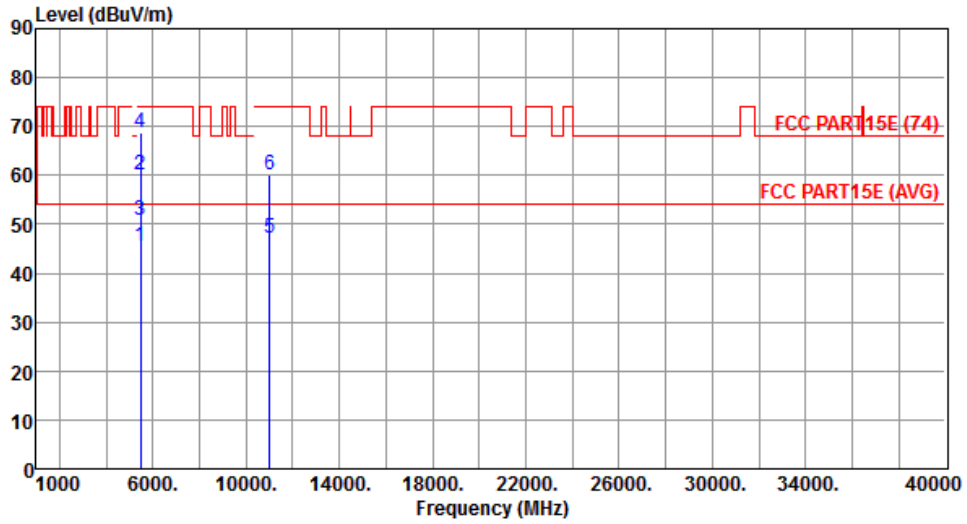
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.08 | 54.00 | -6.92 | 41.40 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 62.02 | 74.00 | -11.98 | 56.34 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 53.00 | 54.00 | -1.00 | 47.34 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 70.93 | 74.00 | -3.07 | 65.27 | 5.66 | Peak | --- | --- |
| 5 | 11020.00 | 49.55 | 54.00 | -4.45 | 34.13 | 15.42 | Average | --- | --- |
| 6 | 11020.00 | 62.09 | 74.00 | -11.91 | 46.67 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Vertical | Test Configuration | 1 |



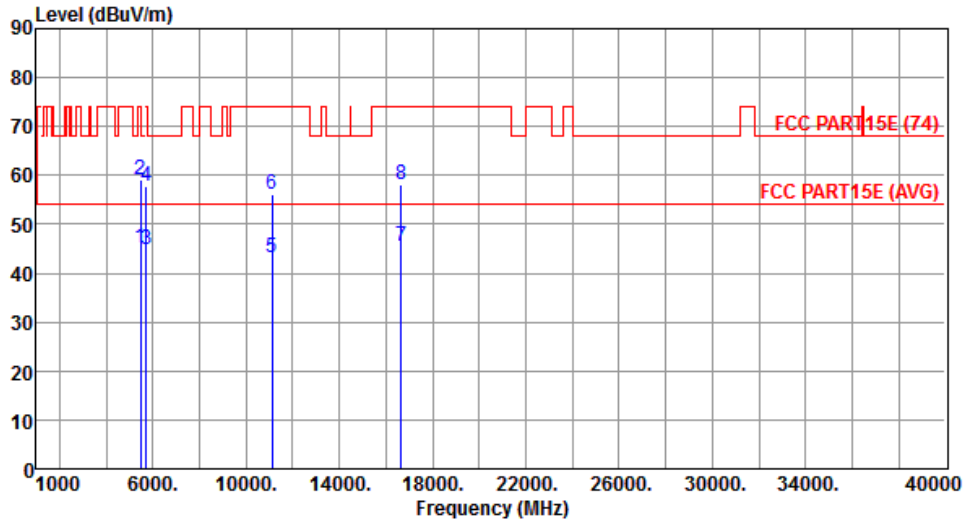
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.38 | 54.00 | -8.62 | 39.70 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 60.27 | 74.00 | -13.73 | 54.59 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 50.86 | 54.00 | -3.14 | 45.20 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 68.76 | 74.00 | -5.24 | 63.10 | 5.66 | Peak | --- | --- |
| 5 | 11020.00 | 47.21 | 54.00 | -6.79 | 31.79 | 15.42 | Average | --- | --- |
| 6 | 11020.00 | 60.02 | 74.00 | -13.98 | 44.60 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Horizontal | Test Configuration | 1 |



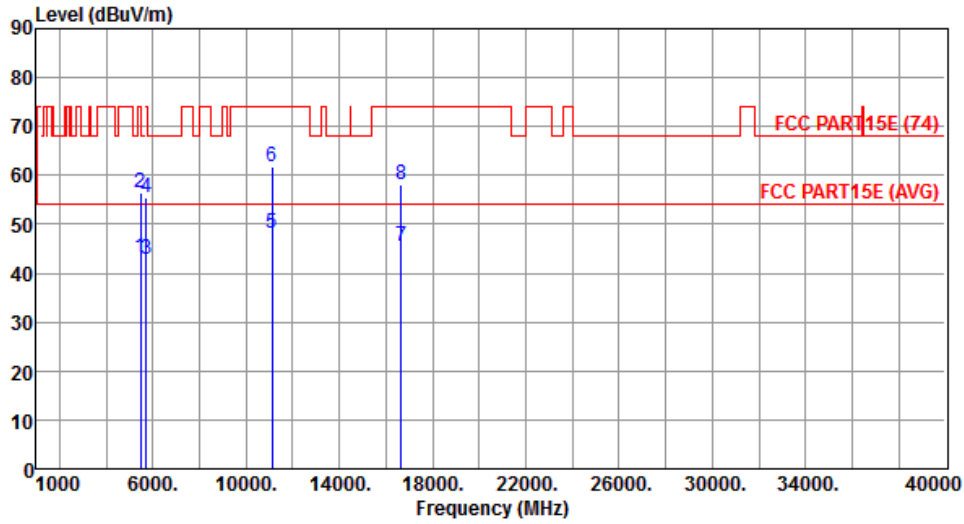
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 45.22 | 54.00 | -8.78 | 39.56 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 59.05 | 74.00 | -14.95 | 53.39 | 5.66 | Peak | --- | --- |
| 3 | 5725.00 | 44.94 | 54.00 | -9.06 | 39.36 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 57.66 | 74.00 | -16.34 | 52.08 | 5.58 | Peak | --- | --- |
| 5 | 11100.00 | 43.06 | 54.00 | -10.94 | 27.79 | 15.27 | Average | --- | --- |
| 6 | 11100.00 | 56.08 | 74.00 | -17.92 | 40.81 | 15.27 | Peak | --- | --- |
| 7 | 16650.00 | 45.63 | 54.00 | -8.37 | 29.20 | 16.43 | Average | --- | --- |
| 8 | 16650.00 | 58.27 | 74.00 | -15.73 | 41.84 | 16.43 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Vertical | Test Configuration | 1 |



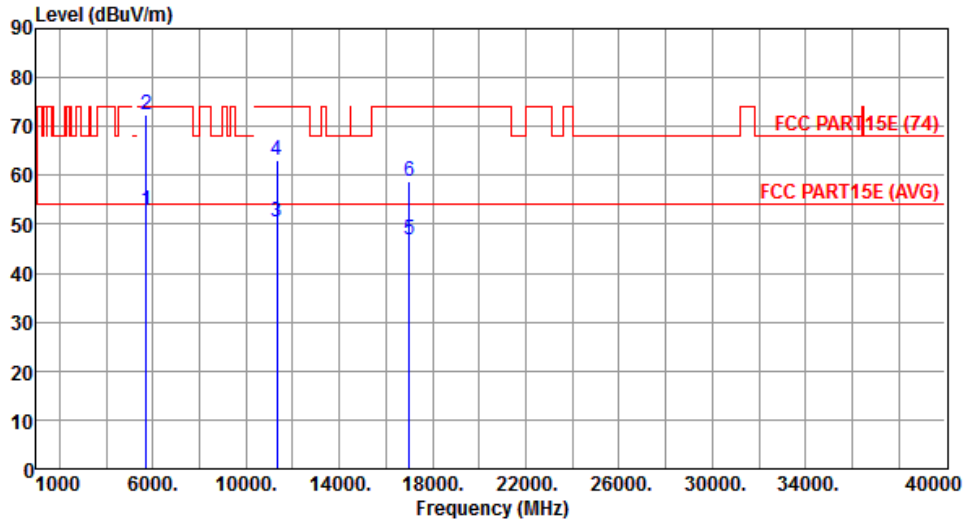
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 43.22 | 54.00 | -10.78 | 37.56 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 56.49 | 74.00 | -17.51 | 50.83 | 5.66 | Peak | --- | --- |
| 3 | 5725.00 | 42.96 | 54.00 | -11.04 | 37.38 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 55.50 | 74.00 | -18.50 | 49.92 | 5.58 | Peak | --- | --- |
| 5 | 11100.00 | 48.26 | 54.00 | -5.74 | 32.99 | 15.27 | Average | --- | --- |
| 6 | 11100.00 | 61.62 | 74.00 | -12.38 | 46.35 | 15.27 | Peak | --- | --- |
| 7 | 16650.00 | 45.41 | 54.00 | -8.59 | 28.98 | 16.43 | Average | --- | --- |
| 8 | 16650.00 | 58.04 | 74.00 | -15.96 | 41.61 | 16.43 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | Test Configuration | 1 |



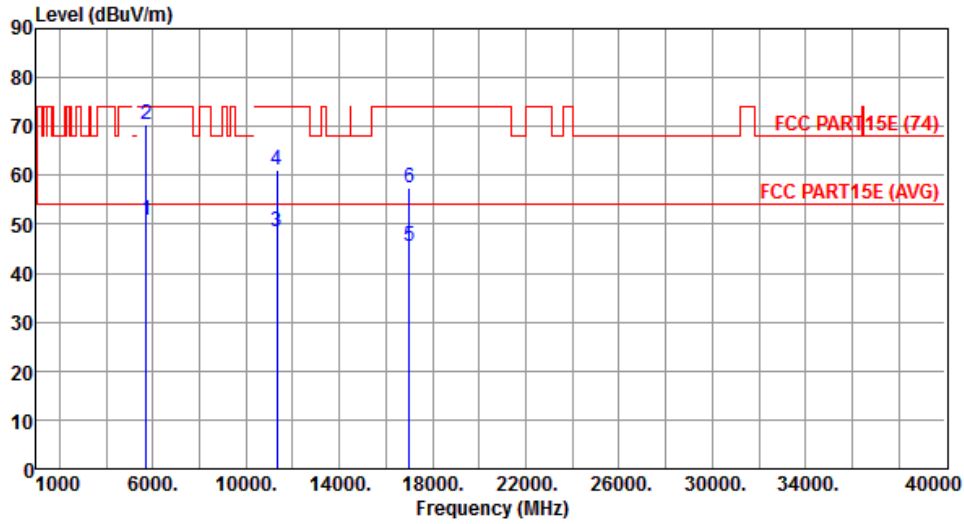
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.82 | 54.00 | -1.18 | 47.24 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 72.46 | 74.00 | -1.54 | 66.88 | 5.58 | Peak | --- | --- |
| 3 | 11340.00 | 50.55 | 54.00 | -3.45 | 35.71 | 14.84 | Average | --- | --- |
| 4 | 11340.00 | 63.19 | 74.00 | -10.81 | 48.35 | 14.84 | Peak | --- | --- |
| 5 | 17010.00 | 46.87 | 54.00 | -7.13 | 29.54 | 17.33 | Average | --- | --- |
| 6 | 17010.00 | 58.63 | 74.00 | -15.37 | 41.30 | 17.33 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Vertical | Test Configuration | 1 |



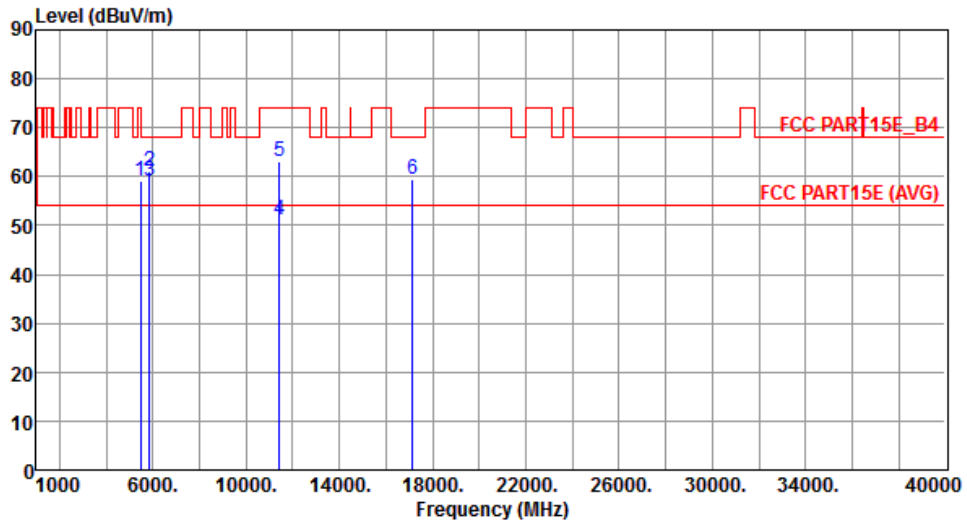
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 50.73 | 54.00 | -3.27 | 45.15 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 70.28 | 74.00 | -3.72 | 64.70 | 5.58 | Peak | --- | --- |
| 3 | 11340.00 | 48.37 | 54.00 | -5.63 | 33.53 | 14.84 | Average | --- | --- |
| 4 | 11340.00 | 61.18 | 74.00 | -12.82 | 46.34 | 14.84 | Peak | --- | --- |
| 5 | 17010.00 | 45.66 | 54.00 | -8.34 | 28.33 | 17.33 | Average | --- | --- |
| 6 | 17010.00 | 57.39 | 74.00 | -16.61 | 40.06 | 17.33 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Horizontal | Test Configuration | 1 |



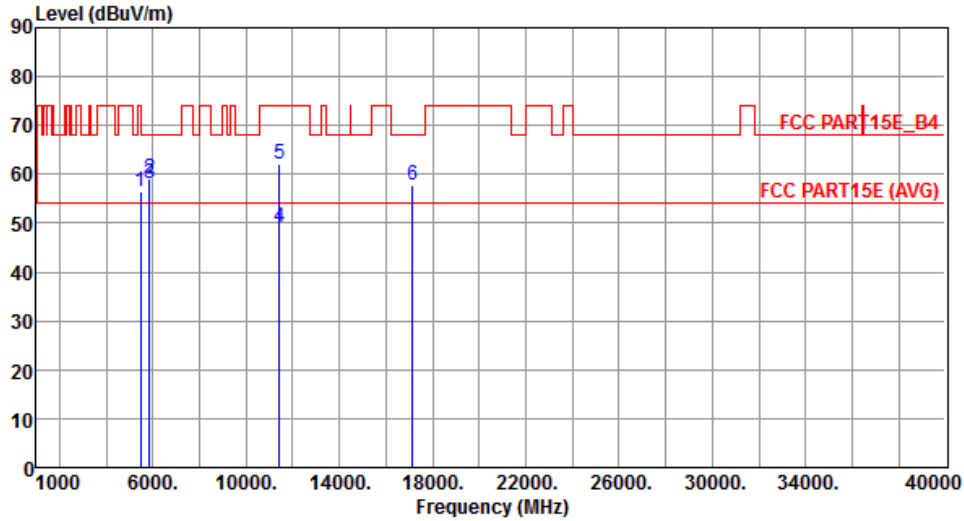
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.99 | 68.20 | -9.21 | 53.33 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 61.05 | 78.20 | -17.15 | 55.43 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 59.05 | 68.20 | -9.15 | 53.43 | 5.62 | Peak | --- | --- |
| 4 | 11420.00 | 51.09 | 54.00 | -2.91 | 36.39 | 14.70 | Average | --- | --- |
| 5 | 11420.00 | 63.04 | 74.00 | -10.96 | 48.34 | 14.70 | Peak | --- | --- |
| 6 | 17130.00 | 59.58 | 68.20 | -8.62 | 41.77 | 17.81 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | Test Configuration | 1 |



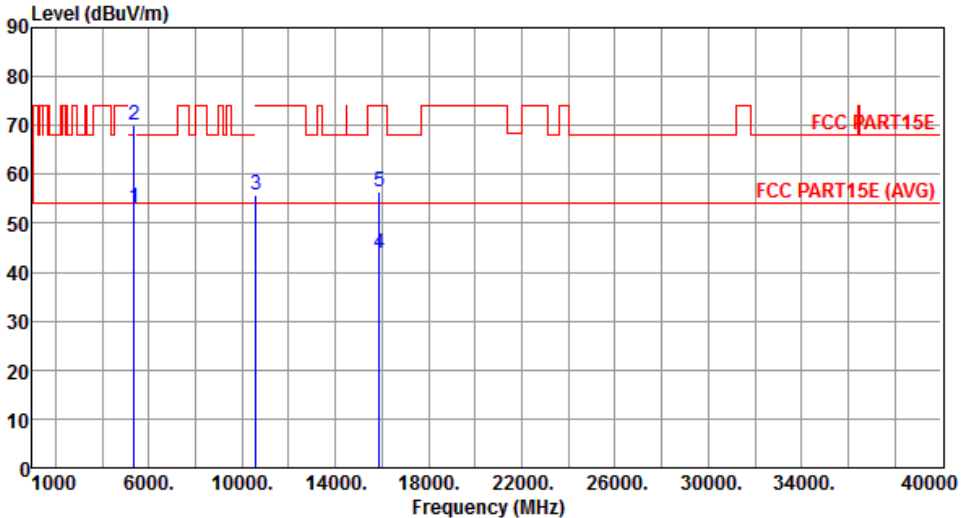
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 56.48 | 68.20 | -11.72 | 50.82 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.99 | 78.20 | -19.21 | 53.37 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.28 | 68.20 | -9.92 | 52.66 | 5.62 | Peak | --- | --- |
| 4 | 11420.00 | 49.12 | 54.00 | -4.88 | 34.42 | 14.70 | Average | --- | --- |
| 5 | 11420.00 | 62.02 | 74.00 | -11.98 | 47.32 | 14.70 | Peak | --- | --- |
| 6 | 17130.00 | 57.94 | 68.20 | -10.26 | 40.13 | 17.81 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

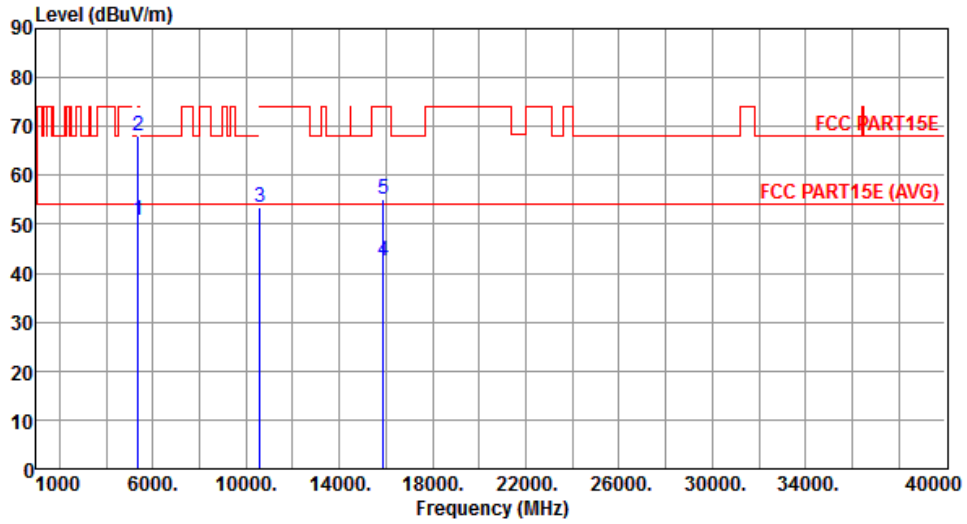
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.9 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

| Modulation | VHT80 | Test Freq. (MHz) | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|-------------|----------------|-------------|----------------|-----|--------|--------|----|------|----|--|--|--|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|-------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|---|----------|-------|-------|--------|-------|-------|---------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High cm</th> <th>Turn Table deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>52.99</td> <td>54.00</td> <td>-1.01</td> <td>47.28</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5350.00</td> <td>70.11</td> <td>74.00</td> <td>-3.89</td> <td>64.40</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>10580.00</td> <td>55.69</td> <td>68.20</td> <td>-12.51</td> <td>40.41</td> <td>15.28</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>15870.00</td> <td>43.76</td> <td>54.00</td> <td>-10.24</td> <td>29.72</td> <td>14.04</td> <td>Average</td> <td>---</td> </tr> <tr> <td>5</td> <td>15870.00</td> <td>56.37</td> <td>74.00</td> <td>-17.63</td> <td>42.33</td> <td>14.04</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | | | 1 | 5350.00 | 52.99 | 54.00 | -1.01 | 47.28 | 5.71 | Average | --- | 2 | 5350.00 | 70.11 | 74.00 | -3.89 | 64.40 | 5.71 | Peak | --- | 3 | 10580.00 | 55.69 | 68.20 | -12.51 | 40.41 | 15.28 | Peak | --- | 4 | 15870.00 | 43.76 | 54.00 | -10.24 | 29.72 | 14.04 | Average | --- | 5 | 15870.00 | 56.37 | 74.00 | -17.63 | 42.33 | 14.04 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 52.99 | 54.00 | -1.01 | 47.28 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5350.00 | 70.11 | 74.00 | -3.89 | 64.40 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10580.00 | 55.69 | 68.20 | -12.51 | 40.41 | 15.28 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 15870.00 | 43.76 | 54.00 | -10.24 | 29.72 | 14.04 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 15870.00 | 56.37 | 74.00 | -17.63 | 42.33 | 14.04 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5290 |
| Polarization | Vertical | Test Configuration | 1 |



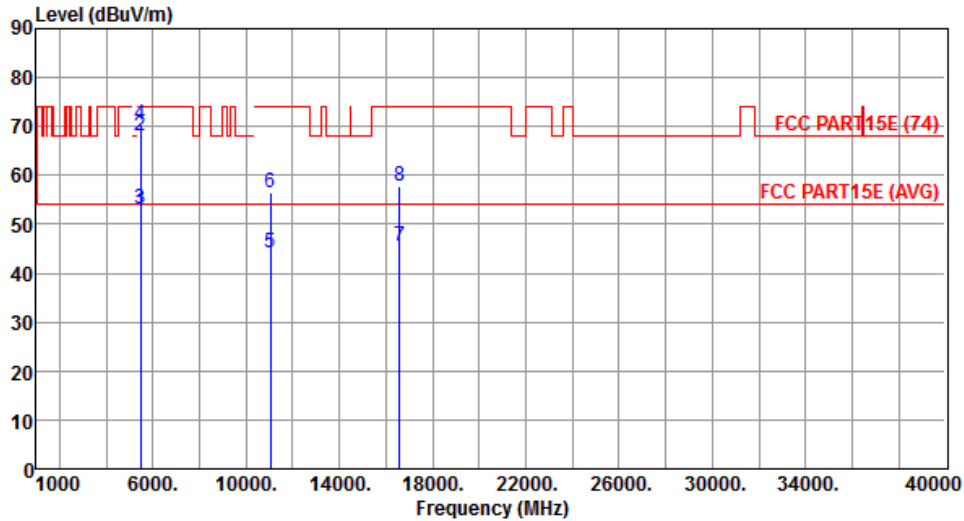
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 50.89 | 54.00 | -3.11 | 45.18 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 68.06 | 74.00 | -5.94 | 62.35 | 5.71 | Peak | --- | --- |
| 3 | 10580.00 | 53.62 | 68.20 | -14.58 | 38.34 | 15.28 | Peak | --- | --- |
| 4 | 15870.00 | 42.56 | 54.00 | -11.44 | 28.52 | 14.04 | Average | --- | --- |
| 5 | 15870.00 | 55.23 | 74.00 | -18.77 | 41.19 | 14.04 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Horizontal | Test Configuration | 1 |



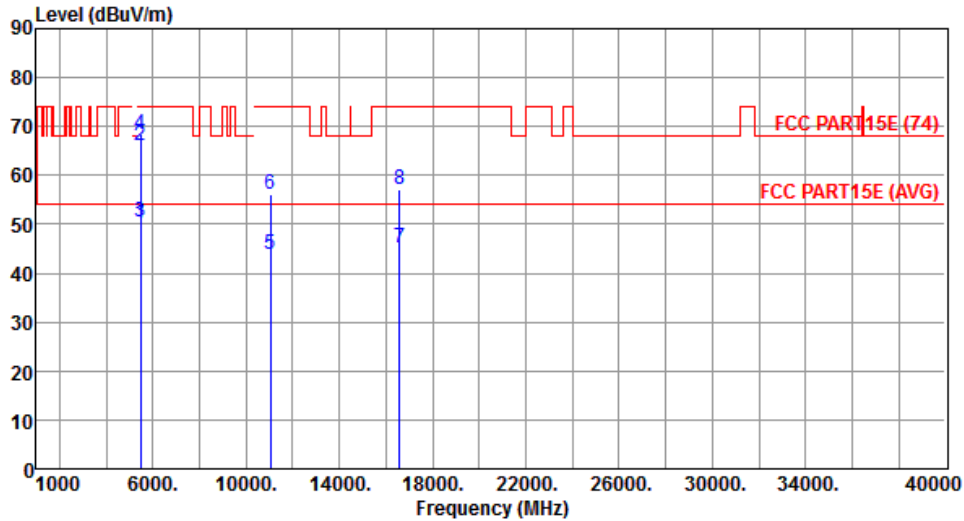
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 52.33 | 54.00 | -1.67 | 46.65 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 68.07 | 74.00 | -5.93 | 62.39 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 52.98 | 54.00 | -1.02 | 47.32 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 70.31 | 74.00 | -3.69 | 64.65 | 5.66 | Peak | --- | --- |
| 5 | 11060.00 | 44.15 | 54.00 | -9.85 | 28.80 | 15.35 | Average | --- | --- |
| 6 | 11060.00 | 56.49 | 74.00 | -17.51 | 41.14 | 15.35 | Peak | --- | --- |
| 7 | 16590.00 | 45.53 | 54.00 | -8.47 | 29.26 | 16.27 | Average | --- | --- |
| 8 | 16590.00 | 57.79 | 74.00 | -16.21 | 41.52 | 16.27 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Vertical | Test Configuration | 1 |



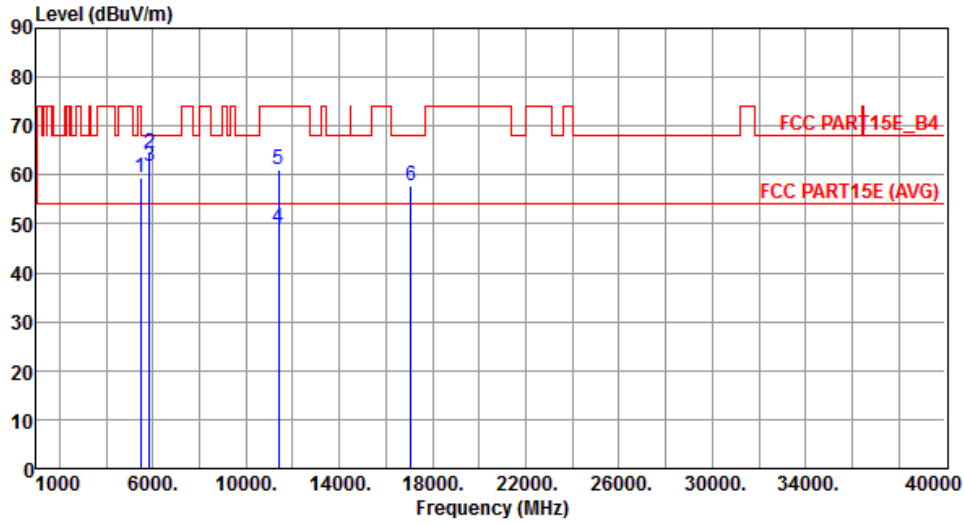
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 50.13 | 54.00 | -3.87 | 44.45 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 66.10 | 74.00 | -7.90 | 60.42 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 50.59 | 54.00 | -3.41 | 44.93 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 68.26 | 74.00 | -5.74 | 62.60 | 5.66 | Peak | --- | --- |
| 5 | 11060.00 | 43.74 | 54.00 | -10.26 | 28.39 | 15.35 | Average | --- | --- |
| 6 | 11060.00 | 56.02 | 74.00 | -17.98 | 40.67 | 15.35 | Peak | --- | --- |
| 7 | 16590.00 | 45.08 | 54.00 | -8.92 | 28.81 | 16.27 | Average | --- | --- |
| 8 | 16590.00 | 57.27 | 74.00 | -16.73 | 41.00 | 16.27 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Horizontal | Test Configuration | 1 |



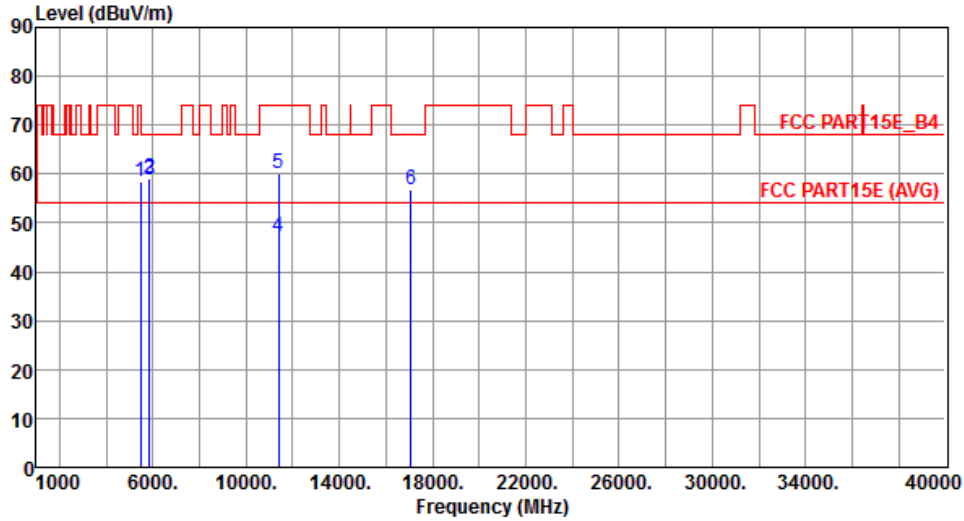
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.31 | 68.20 | -8.89 | 53.65 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 64.27 | 78.20 | -13.93 | 58.65 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 61.94 | 68.20 | -6.26 | 56.32 | 5.62 | Peak | --- | --- |
| 4 | 11380.00 | 49.13 | 54.00 | -4.87 | 34.36 | 14.77 | Average | --- | --- |
| 5 | 11380.00 | 61.27 | 74.00 | -12.73 | 46.50 | 14.77 | Peak | --- | --- |
| 6 | 17070.00 | 57.88 | 68.20 | -10.32 | 40.30 | 17.58 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Vertical | Test Configuration | 1 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.38 | 68.20 | -9.82 | 52.72 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 59.16 | 78.20 | -19.04 | 53.54 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.74 | 68.20 | -9.46 | 53.12 | 5.62 | Peak | --- | --- |
| 4 | 11380.00 | 47.02 | 54.00 | -6.98 | 32.25 | 14.77 | Average | --- | --- |
| 5 | 11380.00 | 60.00 | 74.00 | -14.00 | 45.23 | 14.77 | Peak | --- | --- |
| 6 | 17070.00 | 56.88 | 68.20 | -11.32 | 39.30 | 17.58 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

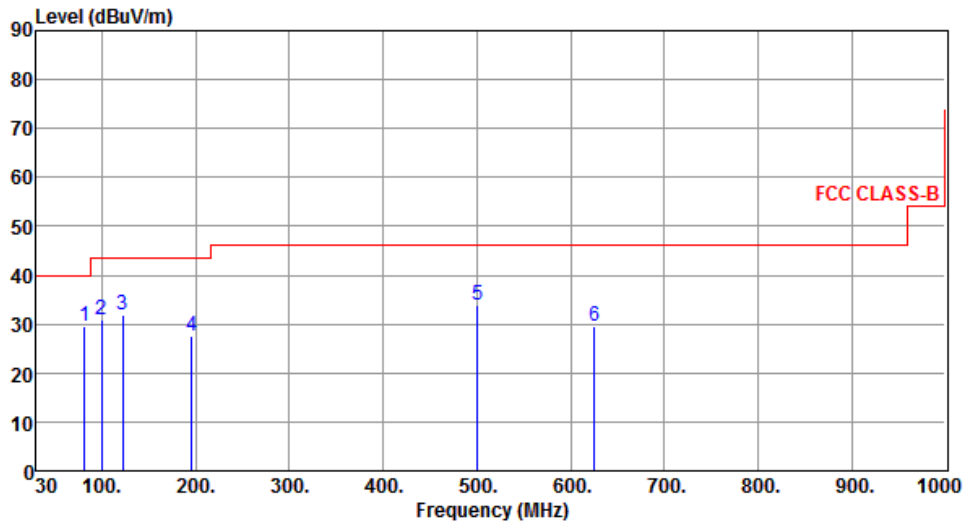
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

(Configuration 2: External Dipole antenna)

3.5.10 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | Test Configuration | 2 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 81.53 | 29.56 | 40.00 | -10.44 | 51.40 | -21.84 | Peak | --- | --- |
| 2 | 99.94 | 30.97 | 43.50 | -12.53 | 52.81 | -21.84 | Peak | --- | --- |
| 3 | 122.15 | 31.84 | 43.50 | -11.66 | 50.79 | -18.95 | Peak | --- | --- |
| 4 | 195.75 | 27.71 | 43.50 | -15.79 | 47.34 | -19.63 | Peak | --- | --- |
| 5 | 500.43 | 33.76 | 46.00 | -12.24 | 45.30 | -11.54 | Peak | --- | --- |
| 6 | 625.58 | 29.53 | 46.00 | -16.47 | 38.71 | -9.18 | Peak | --- | --- |

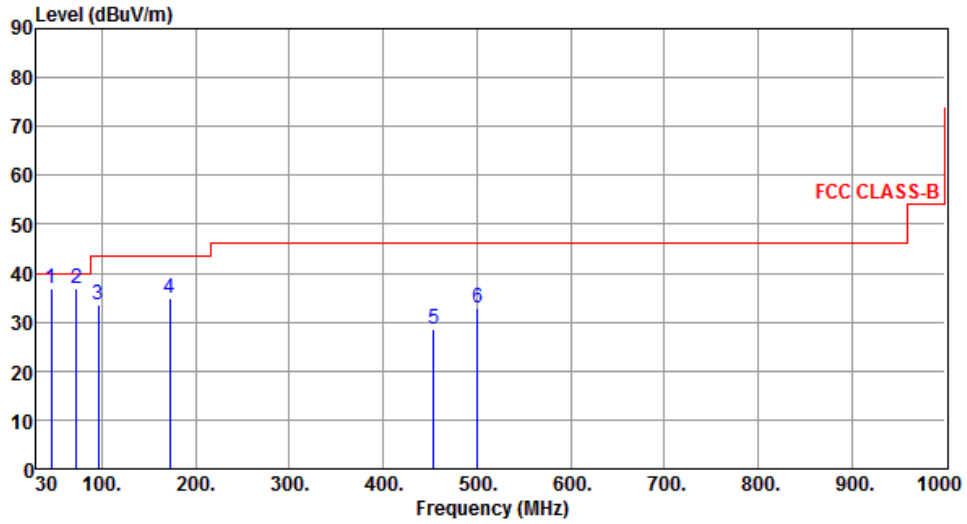
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 2 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 45.76 | 36.97 | 40.00 | -3.03 | 53.72 | -16.75 | Peak | --- | --- |
| 2 | 72.65 | 36.87 | 40.00 | -3.13 | 56.88 | -20.01 | Peak | --- | --- |
| 3 | 96.46 | 33.45 | 43.50 | -10.05 | 55.72 | -22.27 | Peak | --- | --- |
| 4 | 172.59 | 34.76 | 43.50 | -8.74 | 52.48 | -17.72 | Peak | --- | --- |
| 5 | 453.92 | 28.58 | 46.00 | -17.42 | 41.03 | -12.45 | Peak | --- | --- |
| 6 | 500.45 | 32.75 | 46.00 | -13.25 | 44.29 | -11.54 | Peak | --- | --- |

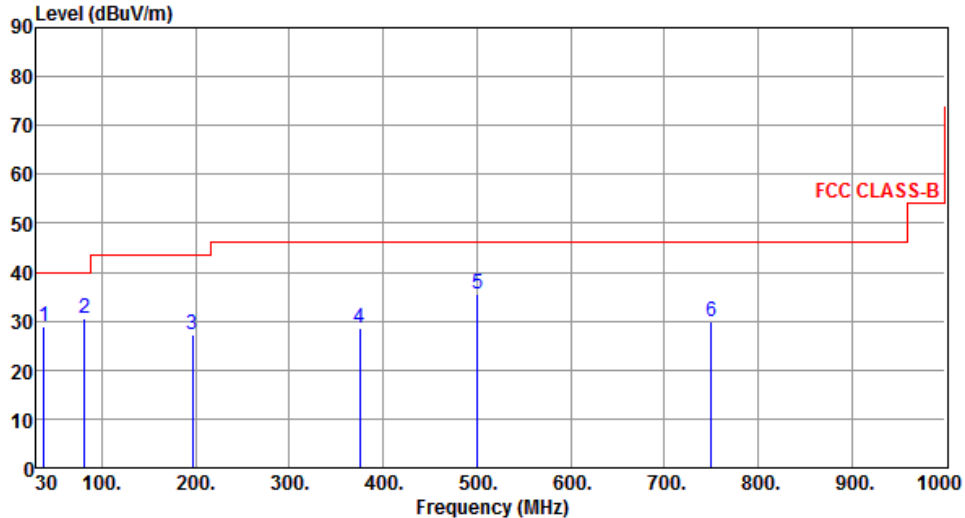
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

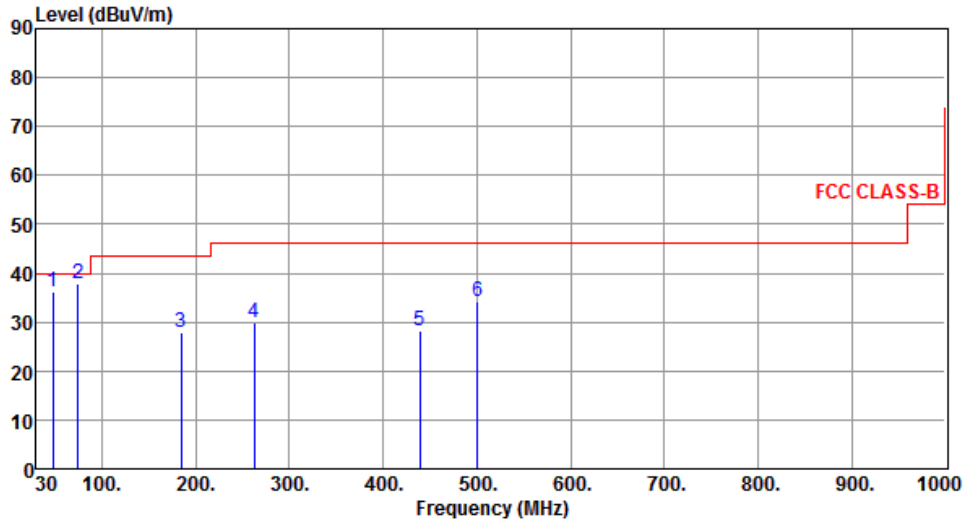
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.11 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | |
|--|----------------|--------------------|--------|------------|--------|--------|-------------|----------------|-----|
| Polarization | Horizontal | Test Configuration | 6 | | | | | | |
|  <p>The graph displays the radiated unwanted emissions for a transmitter in POE mode. The y-axis represents the emission level in dBuV/m, ranging from 0 to 90. The x-axis represents the frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBuV/m from 30 MHz to 100 MHz, 45 dBuV/m from 100 MHz to 1000 MHz, and 55 dBuV/m from 1000 MHz to 10000 MHz. Six emission peaks are identified and numbered 1 through 6. The table below provides the detailed data for these peaks.</p> | | | | | | | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | | | |
| 1 | 37.86 | 28.97 | 40.00 | -11.03 | 46.18 | -17.21 | Peak | --- | --- |
| 2 | 81.45 | 30.63 | 40.00 | -9.37 | 52.46 | -21.83 | Peak | --- | --- |
| 3 | 196.84 | 27.24 | 43.50 | -16.26 | 46.88 | -19.64 | Peak | --- | --- |
| 4 | 375.50 | 28.53 | 46.00 | -17.47 | 42.87 | -14.34 | Peak | --- | --- |
| 5 | 500.53 | 35.66 | 46.00 | -10.34 | 47.20 | -11.54 | Peak | --- | --- |
| 6 | 749.79 | 29.91 | 46.00 | -16.09 | 37.15 | -7.24 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
 Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 6 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 47.53 | 36.24 | 40.00 | -3.76 | 52.89 | -16.65 | Peak | --- | --- |
| 2 | 74.65 | 37.89 | 40.00 | -2.11 | 58.37 | -20.48 | Peak | --- | --- |
| 3 | 184.26 | 27.83 | 43.50 | -15.67 | 46.81 | -18.98 | Peak | --- | --- |
| 4 | 262.54 | 29.98 | 46.00 | -16.02 | 47.46 | -17.48 | Peak | --- | --- |
| 5 | 439.37 | 28.12 | 46.00 | -17.88 | 40.88 | -12.76 | Peak | --- | --- |
| 6 | 500.53 | 34.26 | 46.00 | -11.74 | 45.80 | -11.54 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

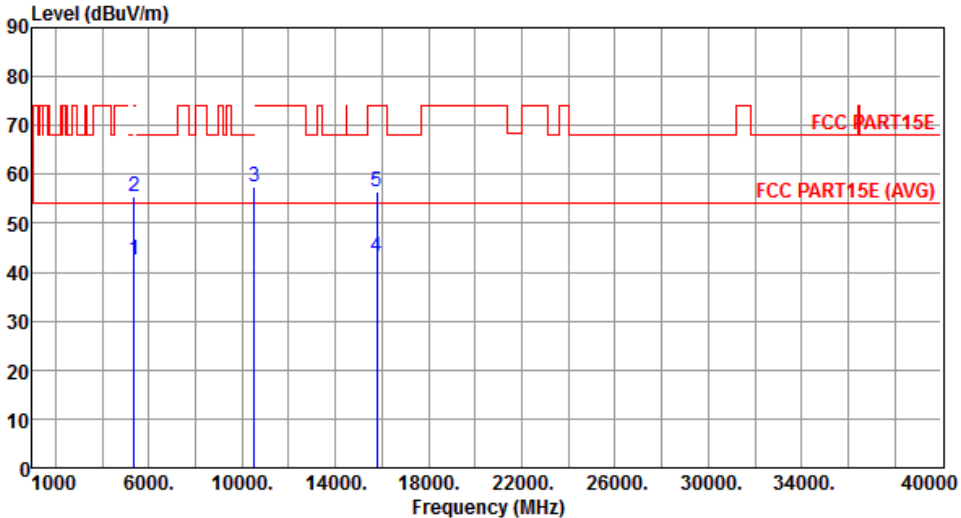
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.12 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

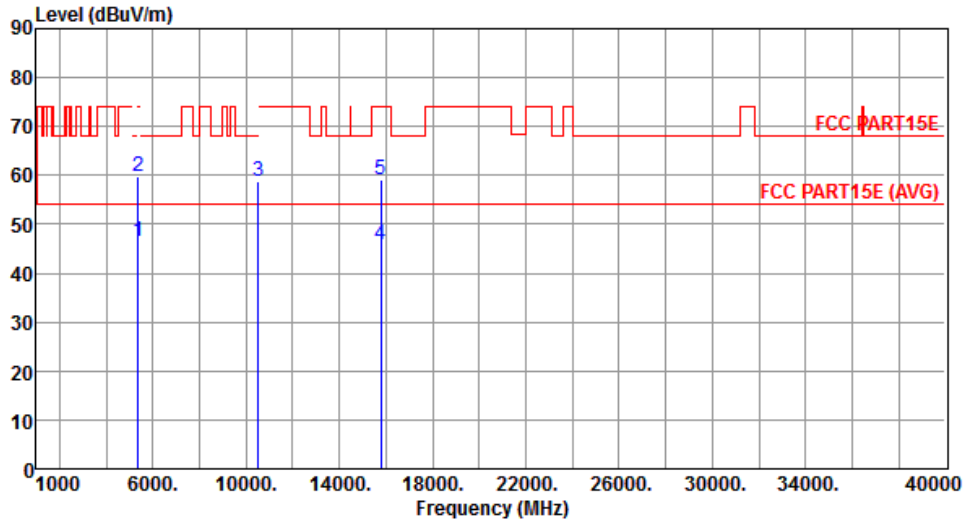
| Modulation | 11a | Test Freq. (MHz) | 5260 |
|--------------|------------|--------------------|------|
| Polarization | Horizontal | Test Configuration | 2 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 42.65 | 54.00 | -11.35 | 36.94 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 55.45 | 74.00 | -18.55 | 49.74 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 57.33 | 68.20 | -10.87 | 42.06 | 15.27 | Peak | --- | --- |
| 4 | 15780.00 | 43.14 | 54.00 | -10.86 | 28.96 | 14.18 | Average | --- | --- |
| 5 | 15780.00 | 56.31 | 74.00 | -17.69 | 42.13 | 14.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 2 |



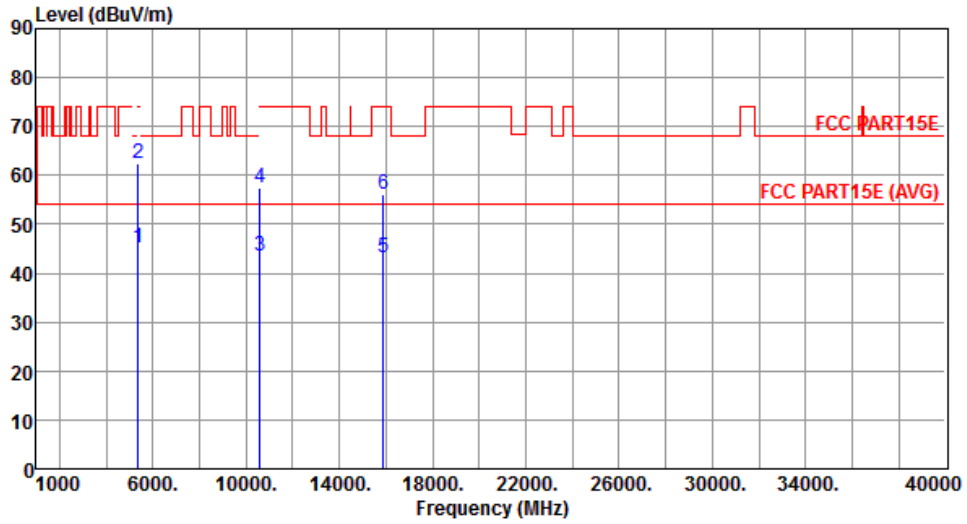
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 46.50 | 54.00 | -7.50 | 40.79 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 59.68 | 74.00 | -14.32 | 53.97 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 58.94 | 68.20 | -9.26 | 43.67 | 15.27 | Peak | --- | --- |
| 4 | 15780.00 | 45.91 | 54.00 | -8.09 | 31.73 | 14.18 | Average | --- | --- |
| 5 | 15780.00 | 59.22 | 74.00 | -14.78 | 45.04 | 14.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 2 |



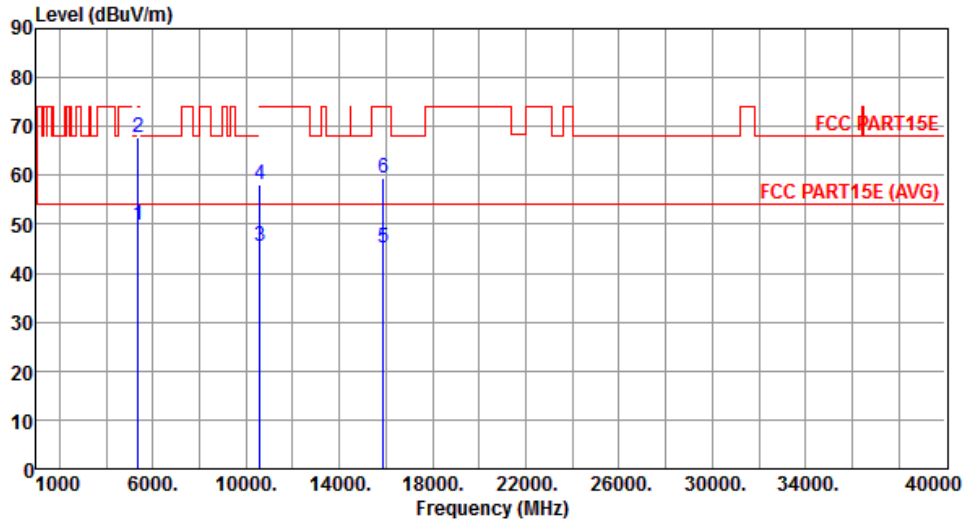
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 45.15 | 54.00 | -8.85 | 39.44 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 62.31 | 74.00 | -11.69 | 56.60 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 43.50 | 54.00 | -10.50 | 28.20 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 57.37 | 74.00 | -16.63 | 42.07 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 43.19 | 54.00 | -10.81 | 29.19 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 56.21 | 74.00 | -17.79 | 42.21 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 2 |



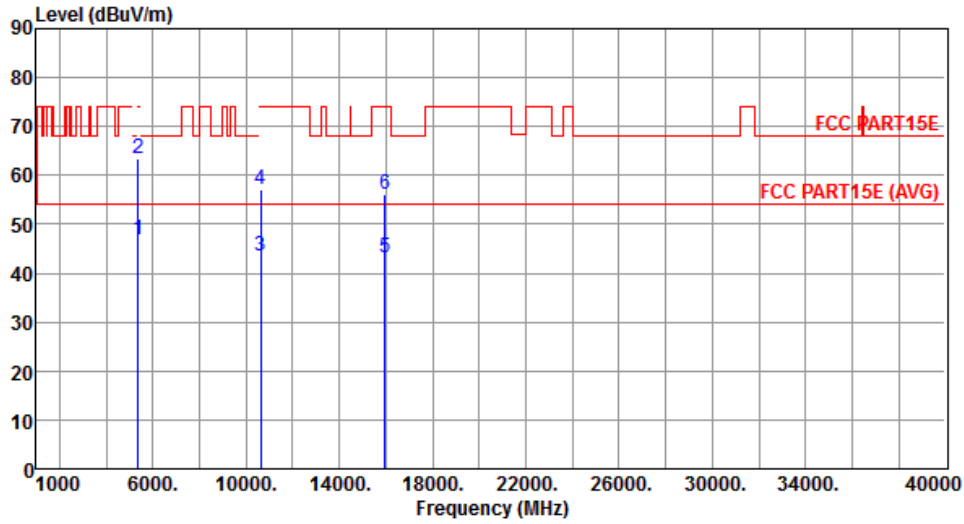
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 49.81 | 54.00 | -4.19 | 44.10 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 67.68 | 74.00 | -6.32 | 61.97 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 45.44 | 54.00 | -8.56 | 30.14 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 58.22 | 74.00 | -15.78 | 42.92 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 45.25 | 54.00 | -8.75 | 31.25 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 59.61 | 74.00 | -14.39 | 45.61 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 2 |



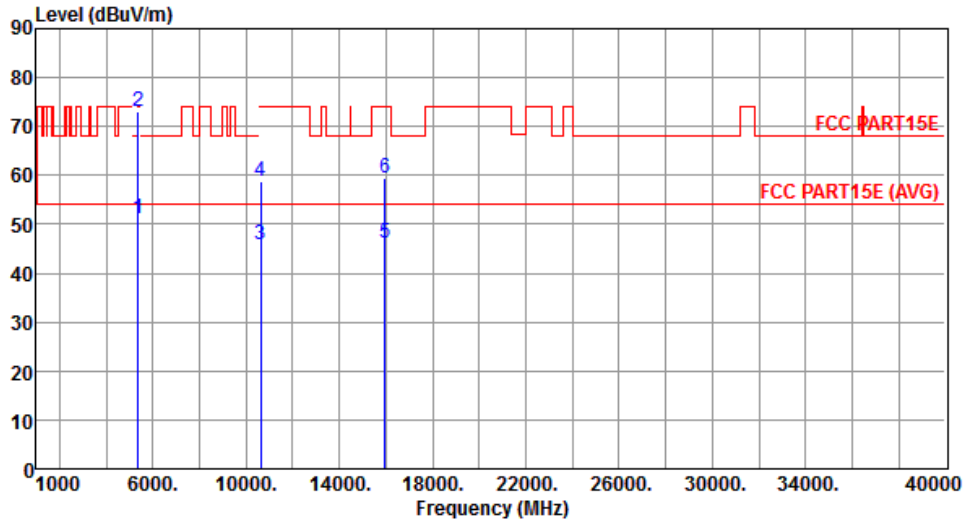
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 46.89 | 54.00 | -7.11 | 41.18 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 63.49 | 74.00 | -10.51 | 57.78 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 43.55 | 54.00 | -10.45 | 28.23 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 57.01 | 74.00 | -16.99 | 41.69 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 43.05 | 54.00 | -10.95 | 29.14 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 56.18 | 74.00 | -17.82 | 42.27 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 2 |



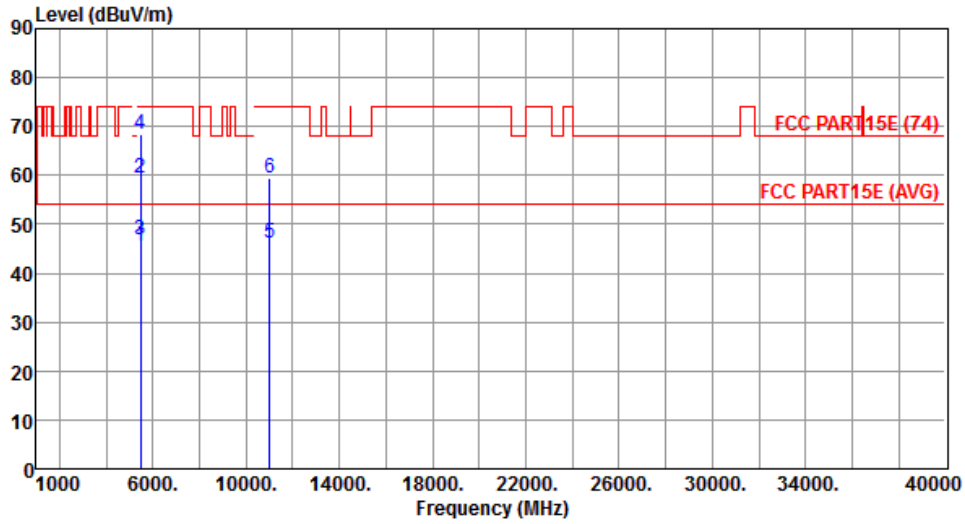
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 51.19 | 54.00 | -2.81 | 45.48 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 73.00 | 74.00 | -1.00 | 67.29 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 45.89 | 54.00 | -8.11 | 30.57 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 58.78 | 74.00 | -15.22 | 43.46 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 46.11 | 54.00 | -7.89 | 32.20 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 59.39 | 74.00 | -14.61 | 45.48 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

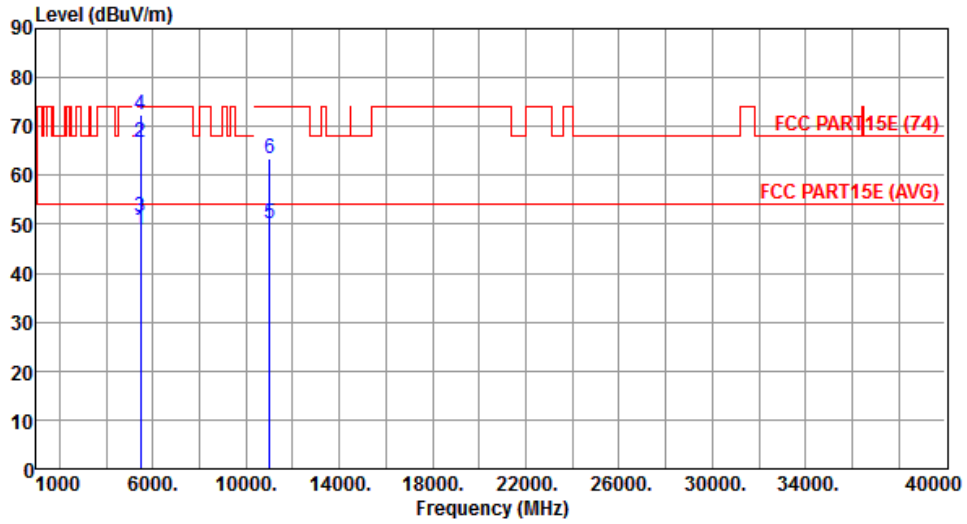
| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 2 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.44 | 54.00 | -8.56 | 39.76 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 59.45 | 74.00 | -14.55 | 53.77 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 46.74 | 54.00 | -7.26 | 41.08 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 68.35 | 74.00 | -5.65 | 62.69 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 46.10 | 54.00 | -7.90 | 30.65 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 59.47 | 74.00 | -14.53 | 44.02 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 2 |



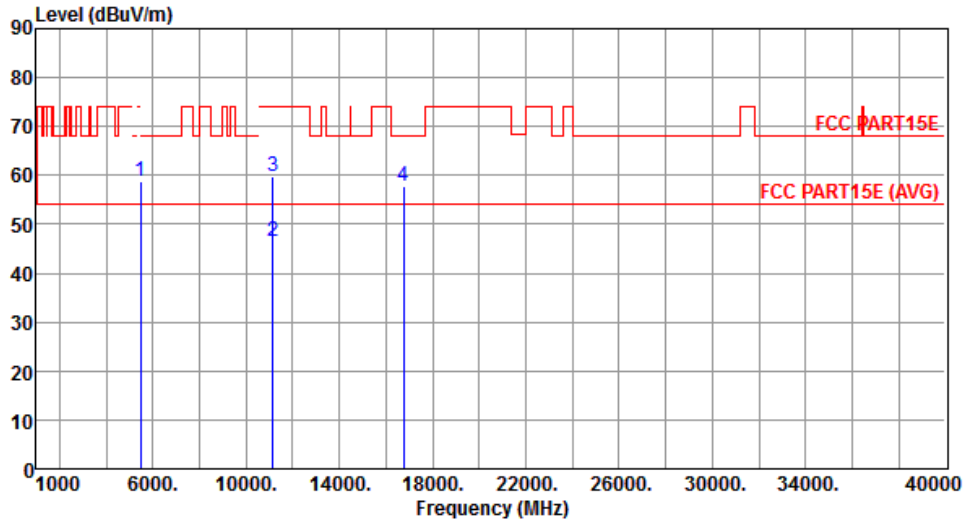
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.90 | 54.00 | -5.10 | 43.22 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 66.85 | 74.00 | -7.15 | 61.17 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 51.61 | 54.00 | -2.39 | 45.95 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 72.25 | 74.00 | -1.75 | 66.59 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 50.12 | 54.00 | -3.88 | 34.67 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 63.43 | 74.00 | -10.57 | 47.98 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 2 |



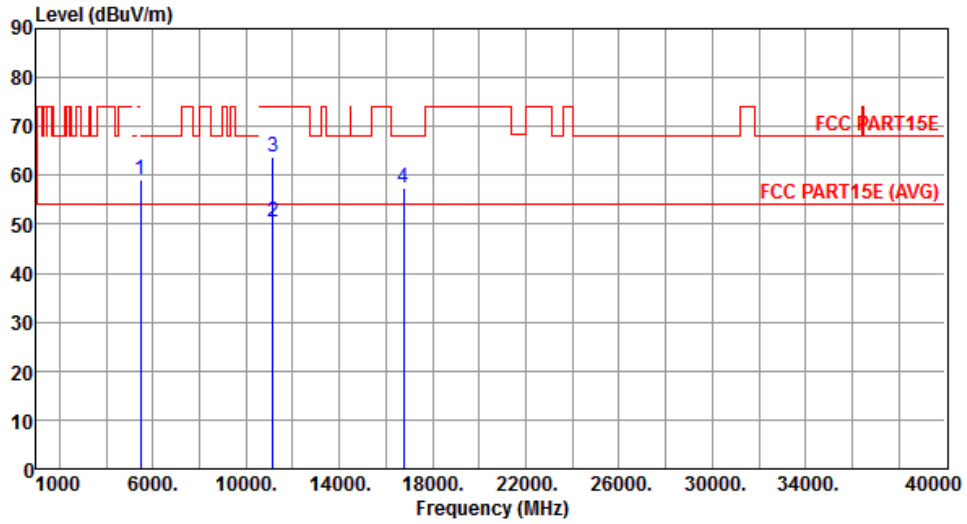
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.74 | 68.20 | -9.46 | 53.08 | 5.66 | Peak | --- | --- |
| 2 | 11160.00 | 46.40 | 54.00 | -7.60 | 31.23 | 15.17 | Average | --- | --- |
| 3 | 11160.00 | 59.91 | 74.00 | -14.09 | 44.74 | 15.17 | Peak | --- | --- |
| 4 | 16740.00 | 57.78 | 68.20 | -10.42 | 41.14 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 2 |



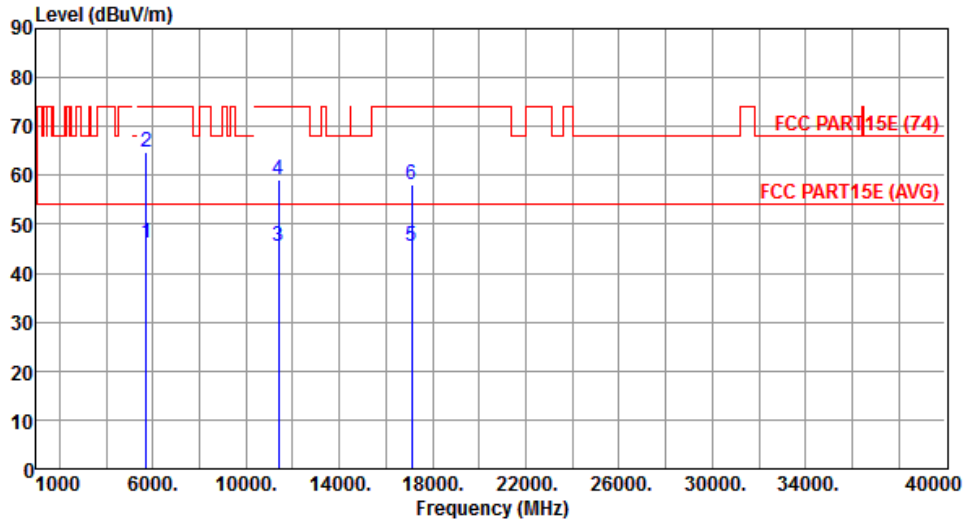
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.24 | 68.20 | -8.96 | 53.58 | 5.66 | Peak | --- | --- |
| 2 | 11160.00 | 50.64 | 54.00 | -3.36 | 35.47 | 15.17 | Average | --- | --- |
| 3 | 11160.00 | 63.84 | 74.00 | -10.16 | 48.67 | 15.17 | Peak | --- | --- |
| 4 | 16740.00 | 57.36 | 68.20 | -10.84 | 40.72 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 2 |



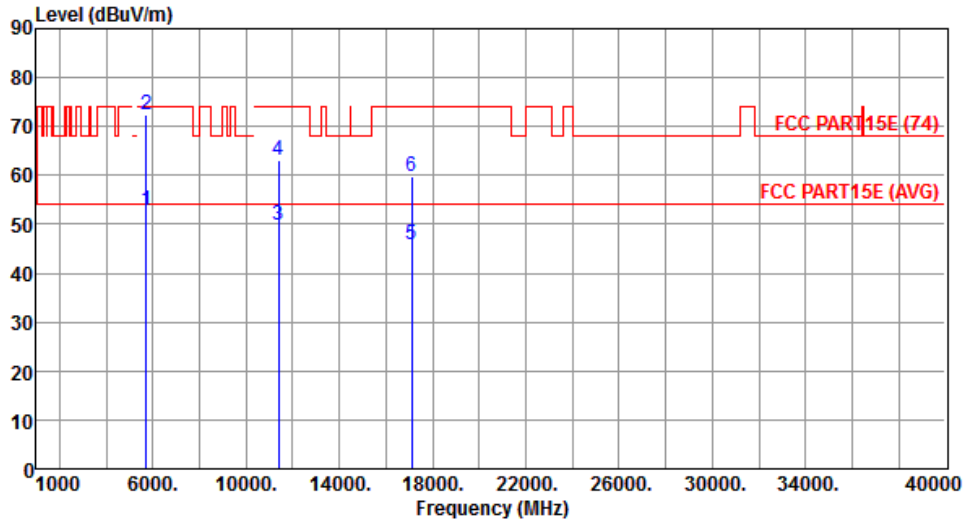
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 46.19 | 54.00 | -7.81 | 40.61 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 64.81 | 74.00 | -9.19 | 59.23 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 45.56 | 54.00 | -8.44 | 30.82 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 59.07 | 74.00 | -14.93 | 44.33 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 45.57 | 54.00 | -8.43 | 27.87 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 58.17 | 74.00 | -15.83 | 40.47 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 2 |



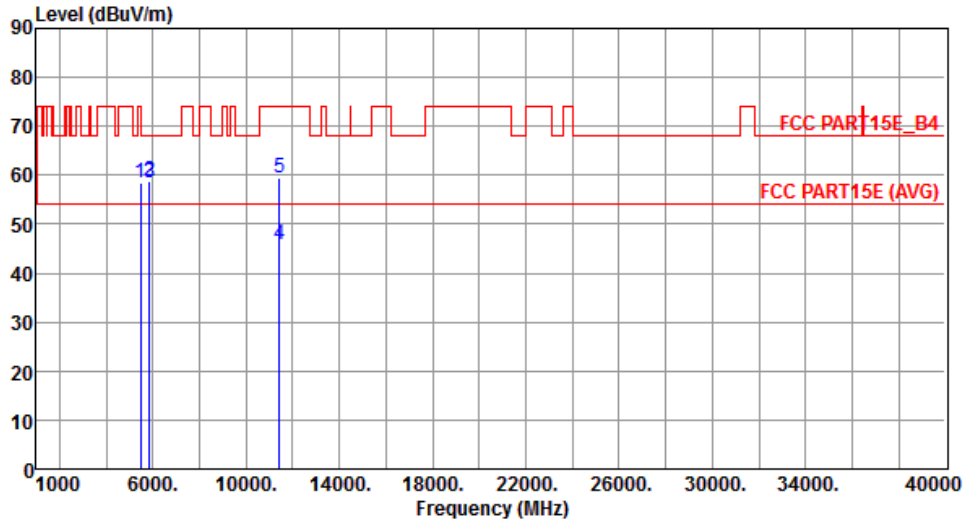
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.83 | 54.00 | -1.17 | 47.25 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 72.24 | 74.00 | -1.76 | 66.66 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 49.84 | 54.00 | -4.16 | 35.10 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 62.97 | 74.00 | -11.03 | 48.23 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 45.85 | 54.00 | -8.15 | 28.15 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 59.65 | 74.00 | -14.35 | 41.95 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 2 |



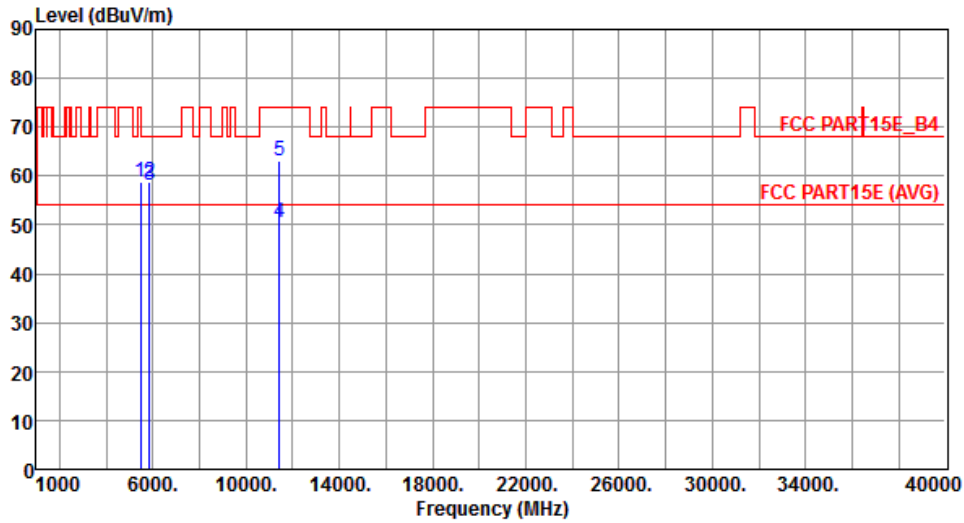
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.49 | 68.20 | -9.71 | 52.83 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.86 | 78.20 | -19.34 | 53.24 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.61 | 68.20 | -9.59 | 52.99 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 45.84 | 54.00 | -8.16 | 31.18 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 59.53 | 74.00 | -14.47 | 44.87 | 14.66 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 2 |



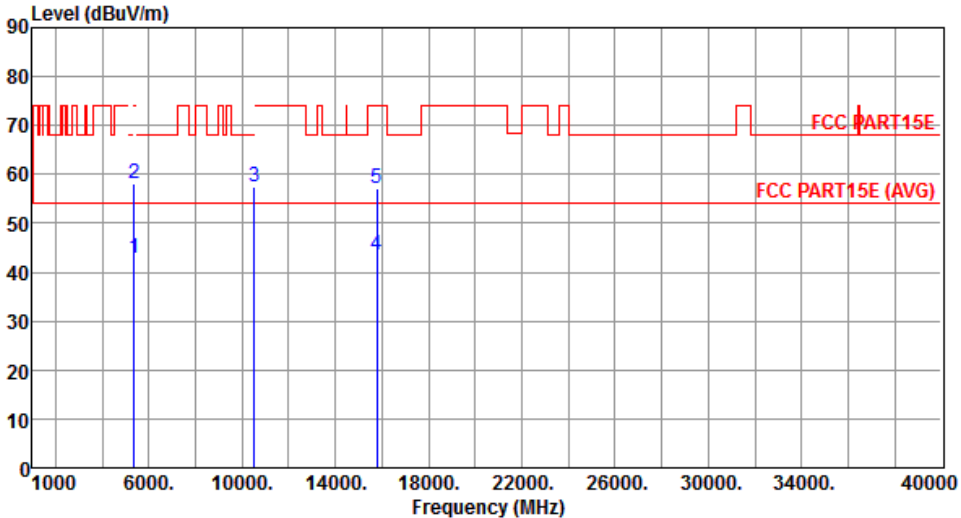
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.86 | 68.20 | -9.34 | 53.20 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.64 | 78.20 | -19.56 | 53.02 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.05 | 68.20 | -10.15 | 52.43 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 50.33 | 54.00 | -3.67 | 35.67 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 63.24 | 74.00 | -10.76 | 48.58 | 14.66 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

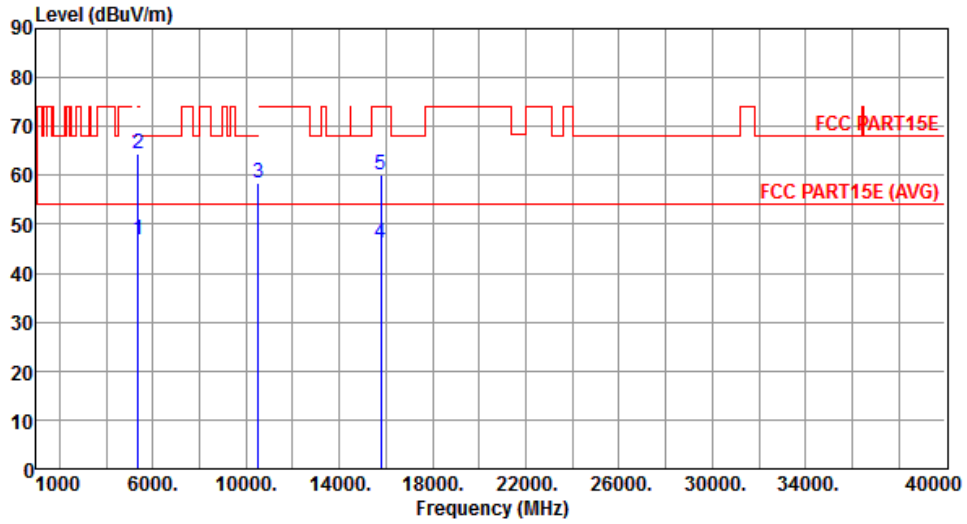
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.13 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT20

| Modulation | VHT20 | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|--------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|---|----------|-------|-------|--------|-------|-------|---------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>42.97</td> <td>54.00</td> <td>-11.03</td> <td>37.26</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5350.00</td> <td>58.21</td> <td>74.00</td> <td>-15.79</td> <td>52.50</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>10520.00</td> <td>57.43</td> <td>68.20</td> <td>-10.77</td> <td>42.16</td> <td>15.27</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>15780.00</td> <td>43.58</td> <td>54.00</td> <td>-10.42</td> <td>29.40</td> <td>14.18</td> <td>Average</td> <td>---</td> </tr> <tr> <td>5</td> <td>15780.00</td> <td>57.02</td> <td>74.00</td> <td>-16.98</td> <td>42.84</td> <td>14.18</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5350.00 | 42.97 | 54.00 | -11.03 | 37.26 | 5.71 | Average | --- | 2 | 5350.00 | 58.21 | 74.00 | -15.79 | 52.50 | 5.71 | Peak | --- | 3 | 10520.00 | 57.43 | 68.20 | -10.77 | 42.16 | 15.27 | Peak | --- | 4 | 15780.00 | 43.58 | 54.00 | -10.42 | 29.40 | 14.18 | Average | --- | 5 | 15780.00 | 57.02 | 74.00 | -16.98 | 42.84 | 14.18 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 42.97 | 54.00 | -11.03 | 37.26 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5350.00 | 58.21 | 74.00 | -15.79 | 52.50 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10520.00 | 57.43 | 68.20 | -10.77 | 42.16 | 15.27 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 15780.00 | 43.58 | 54.00 | -10.42 | 29.40 | 14.18 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 15780.00 | 57.02 | 74.00 | -16.98 | 42.84 | 14.18 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 2 |



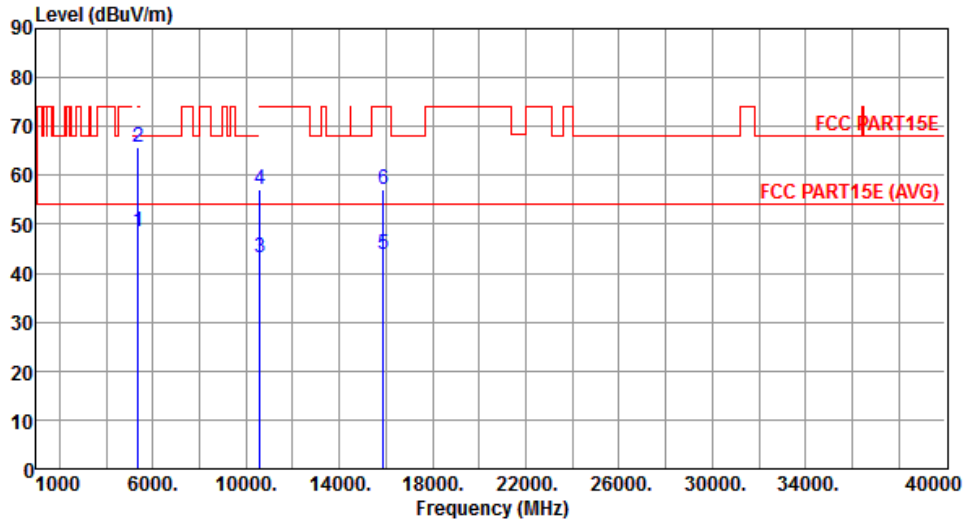
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 46.79 | 54.00 | -7.21 | 41.08 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 64.59 | 74.00 | -9.41 | 58.88 | 5.71 | Peak | --- | --- |
| 3 | 10520.00 | 58.45 | 68.20 | -9.75 | 43.18 | 15.27 | Peak | --- | --- |
| 4 | 15780.00 | 46.04 | 54.00 | -7.96 | 31.86 | 14.18 | Average | --- | --- |
| 5 | 15780.00 | 60.08 | 74.00 | -13.92 | 45.90 | 14.18 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 2 |



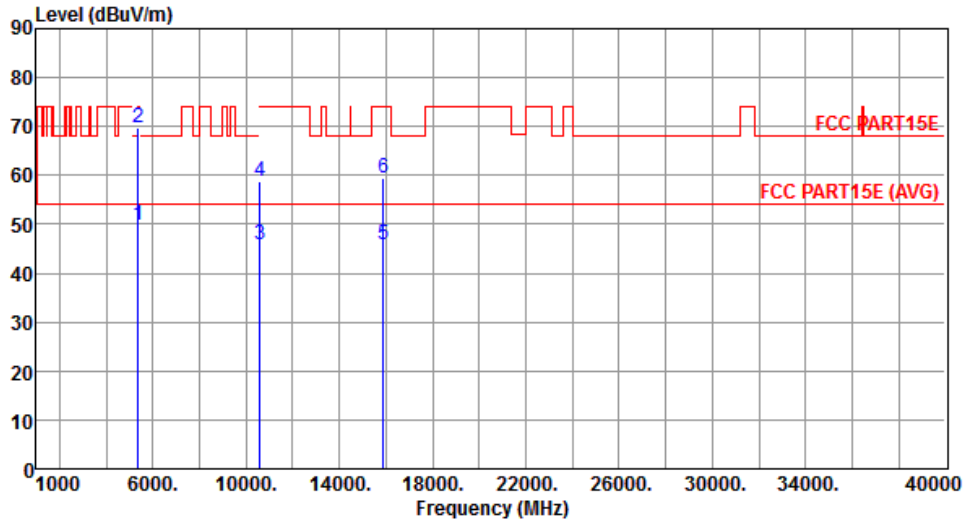
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 48.43 | 54.00 | -5.57 | 42.72 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 65.74 | 74.00 | -8.26 | 60.03 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 43.27 | 54.00 | -10.73 | 27.97 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 57.06 | 74.00 | -16.94 | 41.76 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 43.94 | 54.00 | -10.06 | 29.94 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 57.00 | 74.00 | -17.00 | 43.00 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 2 |



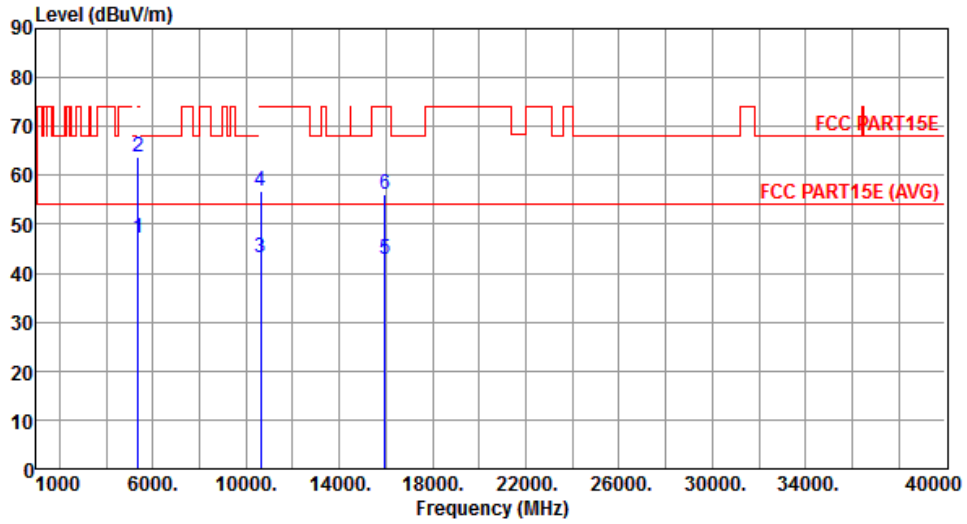
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 49.96 | 54.00 | -4.04 | 44.25 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 69.64 | 74.00 | -4.36 | 63.93 | 5.71 | Peak | --- | --- |
| 3 | 10600.00 | 45.80 | 54.00 | -8.20 | 30.50 | 15.30 | Average | --- | --- |
| 4 | 10600.00 | 58.86 | 74.00 | -15.14 | 43.56 | 15.30 | Peak | --- | --- |
| 5 | 15900.00 | 45.89 | 54.00 | -8.11 | 31.89 | 14.00 | Average | --- | --- |
| 6 | 15900.00 | 59.33 | 74.00 | -14.67 | 45.33 | 14.00 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 2 |



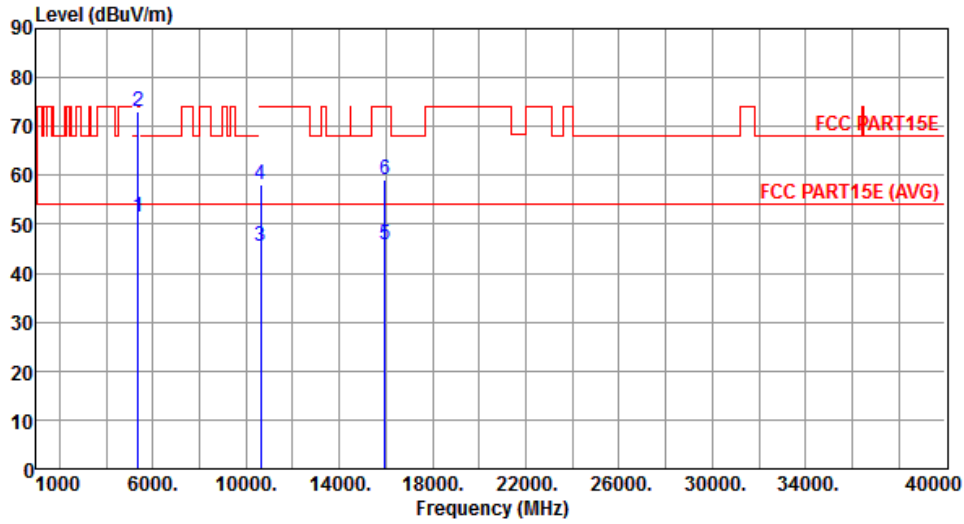
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 47.18 | 54.00 | -6.82 | 41.47 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 63.75 | 74.00 | -10.25 | 58.04 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 43.26 | 54.00 | -10.74 | 27.94 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 56.87 | 74.00 | -17.13 | 41.55 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 42.74 | 54.00 | -11.26 | 28.83 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 56.02 | 74.00 | -17.98 | 42.11 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 2 |



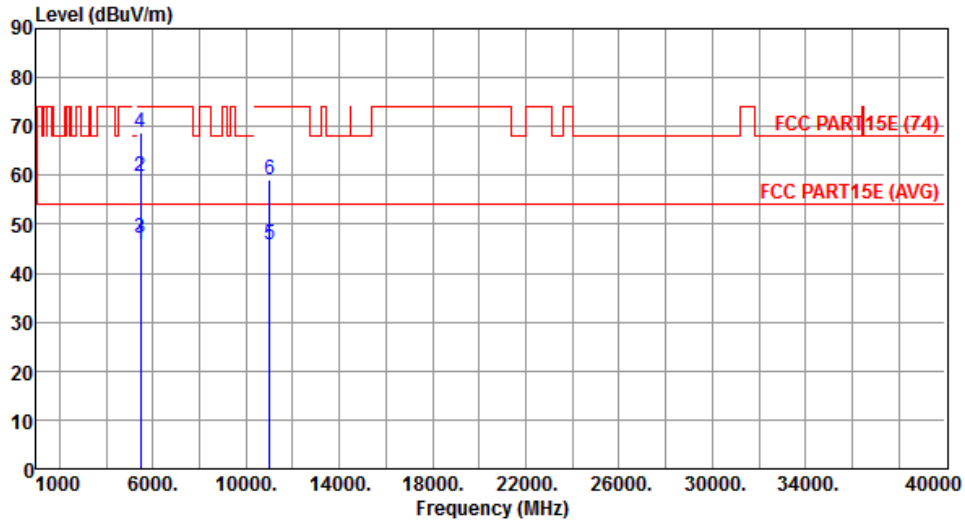
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 51.44 | 54.00 | -2.56 | 45.73 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 72.98 | 74.00 | -1.02 | 67.27 | 5.71 | Peak | --- | --- |
| 3 | 10640.00 | 45.42 | 54.00 | -8.58 | 30.10 | 15.32 | Average | --- | --- |
| 4 | 10640.00 | 58.27 | 74.00 | -15.73 | 42.95 | 15.32 | Peak | --- | --- |
| 5 | 15960.00 | 45.97 | 54.00 | -8.03 | 32.06 | 13.91 | Average | --- | --- |
| 6 | 15960.00 | 59.03 | 74.00 | -14.97 | 45.12 | 13.91 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 2 |



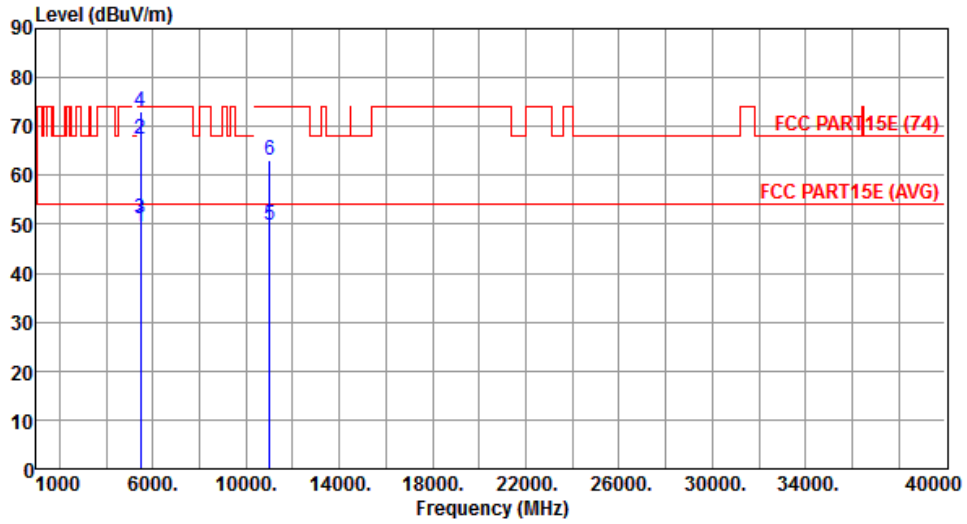
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.97 | 54.00 | -8.03 | 40.29 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 59.86 | 74.00 | -14.14 | 54.18 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 47.18 | 54.00 | -6.82 | 41.52 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 68.69 | 74.00 | -5.31 | 63.03 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 45.88 | 54.00 | -8.12 | 30.43 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 59.14 | 74.00 | -14.86 | 43.69 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 2 |



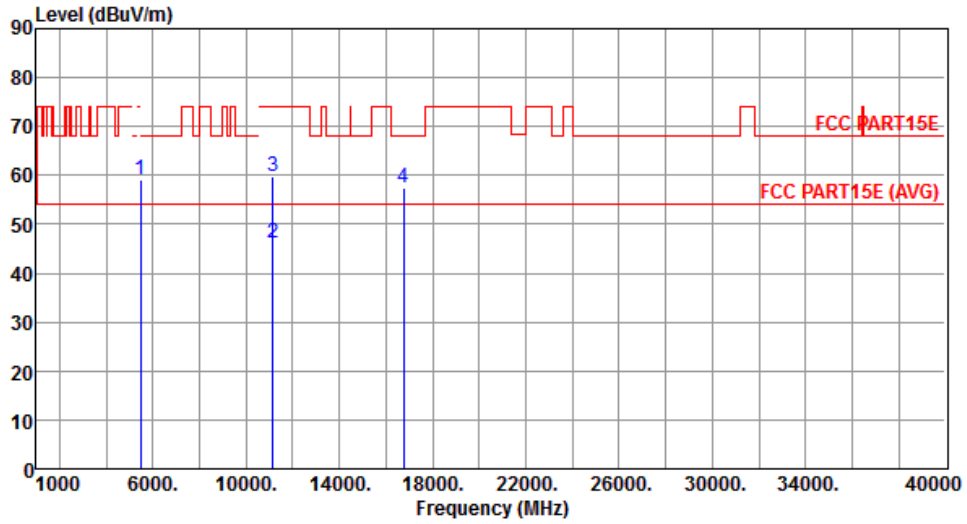
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 49.33 | 54.00 | -4.67 | 43.65 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 67.37 | 74.00 | -6.63 | 61.69 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 51.28 | 54.00 | -2.72 | 45.62 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 72.91 | 74.00 | -1.09 | 67.25 | 5.66 | Peak | --- | --- |
| 5 | 11000.00 | 49.75 | 54.00 | -4.25 | 34.30 | 15.45 | Average | --- | --- |
| 6 | 11000.00 | 62.96 | 74.00 | -11.04 | 47.51 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 2 |



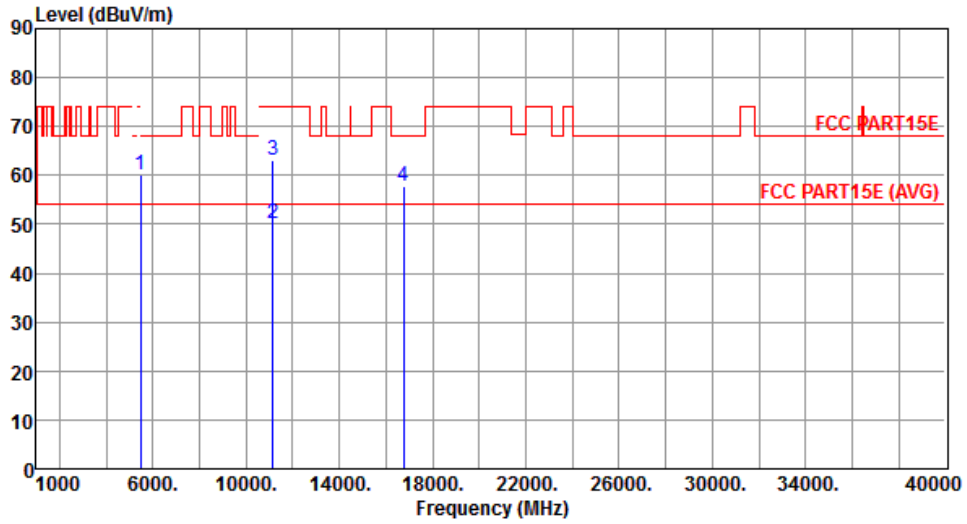
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.23 | 68.20 | -8.97 | 53.57 | 5.66 | Peak | --- | --- |
| 2 | 11160.00 | 46.27 | 54.00 | -7.73 | 31.10 | 15.17 | Average | --- | --- |
| 3 | 11160.00 | 59.68 | 74.00 | -14.32 | 44.51 | 15.17 | Peak | --- | --- |
| 4 | 16740.00 | 57.46 | 68.20 | -10.74 | 40.82 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 2 |



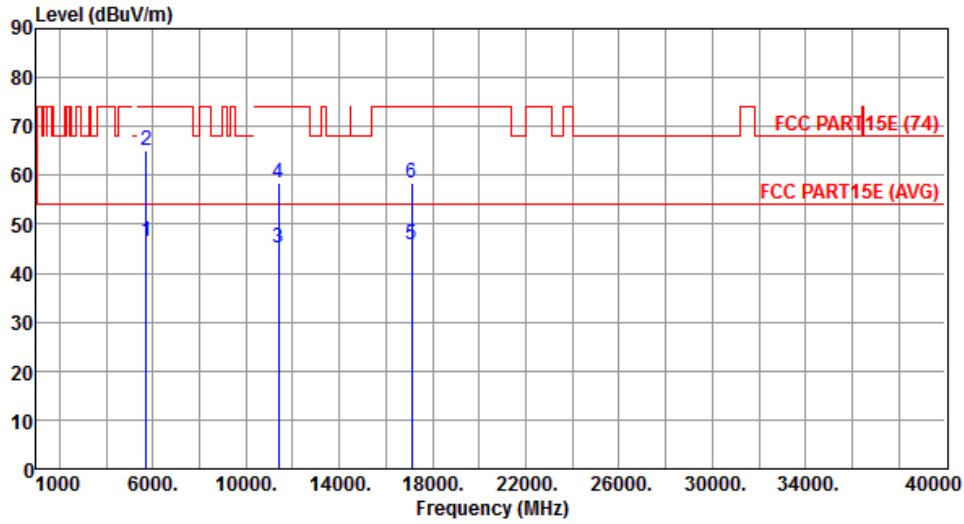
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.99 | 68.20 | -8.21 | 54.33 | 5.66 | Peak | --- | --- |
| 2 | 11160.00 | 50.17 | 54.00 | -3.83 | 35.00 | 15.17 | Average | --- | --- |
| 3 | 11160.00 | 63.26 | 74.00 | -10.74 | 48.09 | 15.17 | Peak | --- | --- |
| 4 | 16740.00 | 57.68 | 68.20 | -10.52 | 41.04 | 16.64 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 2 |



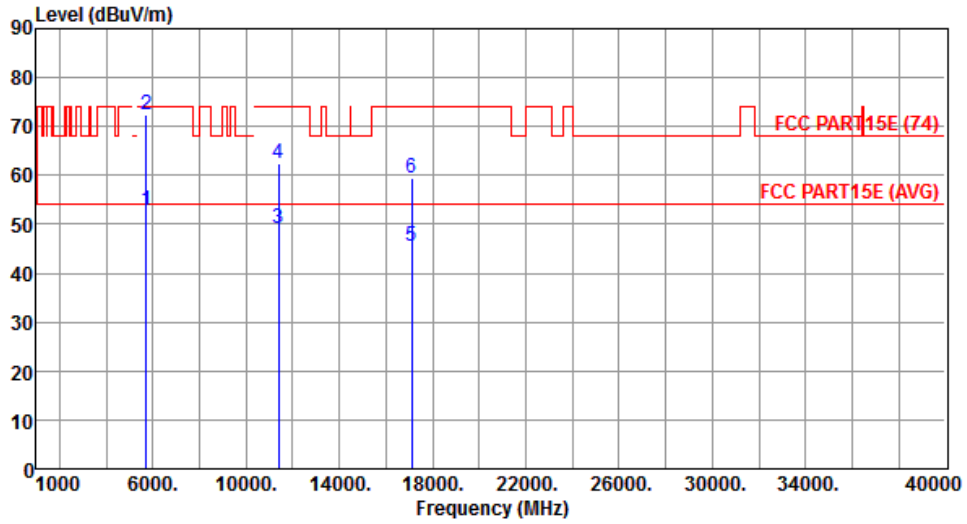
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 46.57 | 54.00 | -7.43 | 40.99 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 65.25 | 74.00 | -8.75 | 59.67 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 45.27 | 54.00 | -8.73 | 30.53 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 58.52 | 74.00 | -15.48 | 43.78 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 45.86 | 54.00 | -8.14 | 28.16 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 58.46 | 74.00 | -15.54 | 40.76 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 2 |



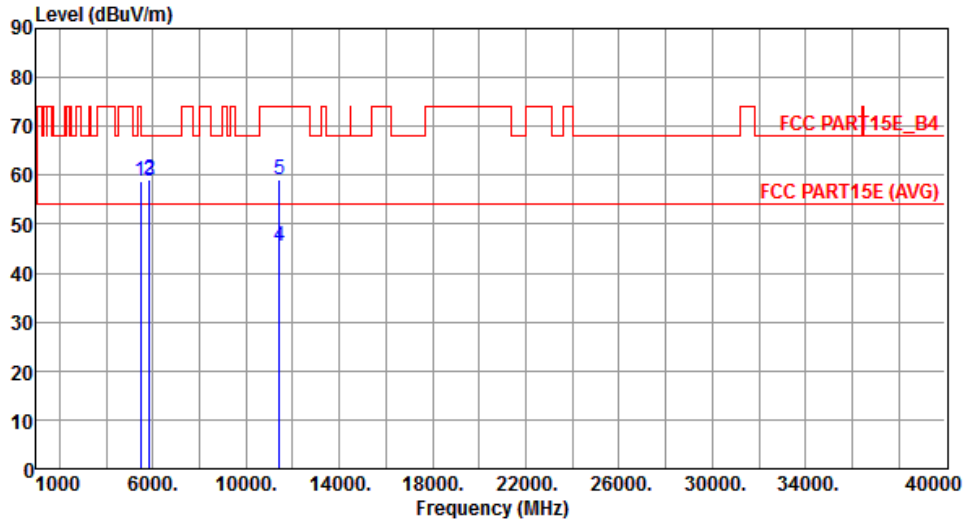
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.64 | 54.00 | -1.36 | 47.06 | 5.58 | Average | --- | --- |
| 2 | 5725.00 | 72.51 | 74.00 | -1.49 | 66.93 | 5.58 | Peak | --- | --- |
| 3 | 11400.00 | 49.24 | 54.00 | -4.76 | 34.50 | 14.74 | Average | --- | --- |
| 4 | 11400.00 | 62.33 | 74.00 | -11.67 | 47.59 | 14.74 | Peak | --- | --- |
| 5 | 17100.00 | 45.57 | 54.00 | -8.43 | 27.87 | 17.70 | Average | --- | --- |
| 6 | 17100.00 | 59.31 | 74.00 | -14.69 | 41.61 | 17.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 2 |



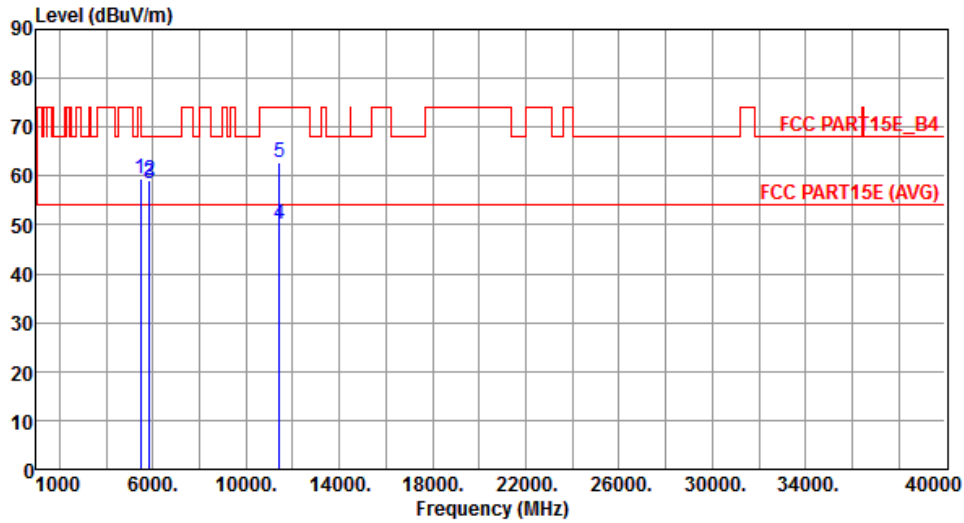
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.87 | 68.20 | -9.33 | 53.21 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 59.07 | 78.20 | -19.13 | 53.45 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.79 | 68.20 | -9.41 | 53.17 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 45.54 | 54.00 | -8.46 | 30.88 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 59.11 | 74.00 | -14.89 | 44.45 | 14.66 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 2 |



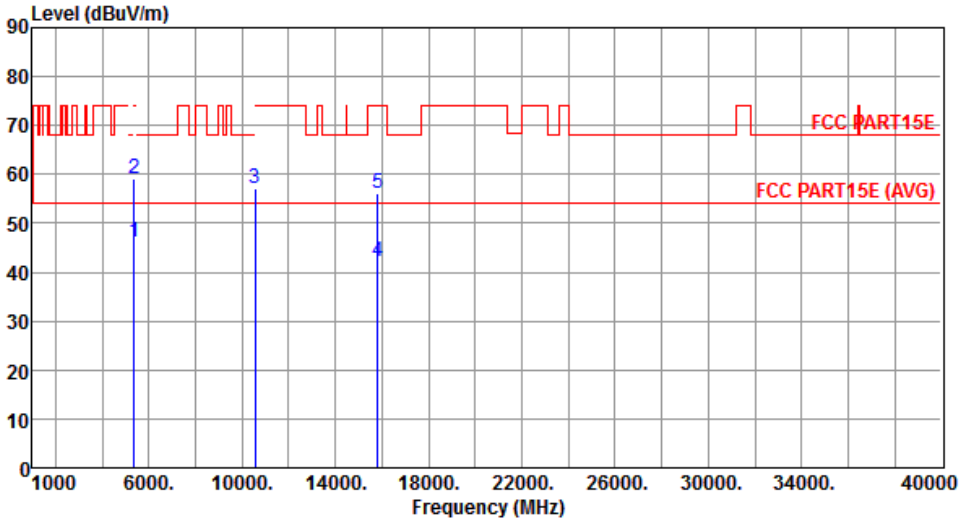
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.33 | 68.20 | -8.87 | 53.67 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 58.95 | 78.20 | -19.25 | 53.33 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 58.40 | 68.20 | -9.80 | 52.78 | 5.62 | Peak | --- | --- |
| 4 | 11440.00 | 50.13 | 54.00 | -3.87 | 35.47 | 14.66 | Average | --- | --- |
| 5 | 11440.00 | 62.88 | 74.00 | -11.12 | 48.22 | 14.66 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

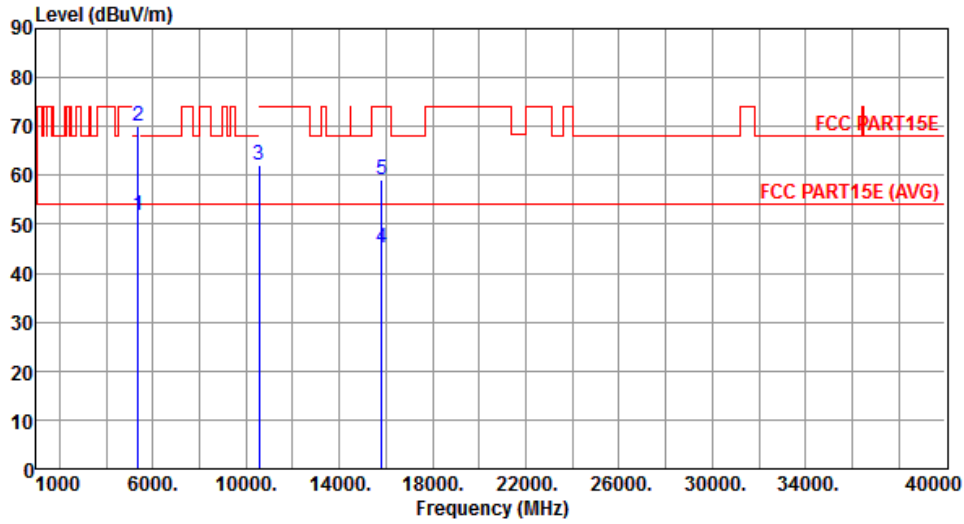
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.14 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|---|----------|-------|-------|--------|-------|-------|---------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5350.00</td> <td>46.23</td> <td>54.00</td> <td>-7.77</td> <td>40.52</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5350.00</td> <td>58.99</td> <td>74.00</td> <td>-15.01</td> <td>53.28</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>10540.00</td> <td>57.11</td> <td>68.20</td> <td>-11.09</td> <td>41.83</td> <td>15.28</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>15810.00</td> <td>42.23</td> <td>54.00</td> <td>-11.77</td> <td>28.10</td> <td>14.13</td> <td>Average</td> <td>---</td> </tr> <tr> <td>5</td> <td>15810.00</td> <td>56.16</td> <td>74.00</td> <td>-17.84</td> <td>42.03</td> <td>14.13</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5350.00 | 46.23 | 54.00 | -7.77 | 40.52 | 5.71 | Average | --- | 2 | 5350.00 | 58.99 | 74.00 | -15.01 | 53.28 | 5.71 | Peak | --- | 3 | 10540.00 | 57.11 | 68.20 | -11.09 | 41.83 | 15.28 | Peak | --- | 4 | 15810.00 | 42.23 | 54.00 | -11.77 | 28.10 | 14.13 | Average | --- | 5 | 15810.00 | 56.16 | 74.00 | -17.84 | 42.03 | 14.13 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5350.00 | 46.23 | 54.00 | -7.77 | 40.52 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5350.00 | 58.99 | 74.00 | -15.01 | 53.28 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10540.00 | 57.11 | 68.20 | -11.09 | 41.83 | 15.28 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 15810.00 | 42.23 | 54.00 | -11.77 | 28.10 | 14.13 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 15810.00 | 56.16 | 74.00 | -17.84 | 42.03 | 14.13 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 2 |



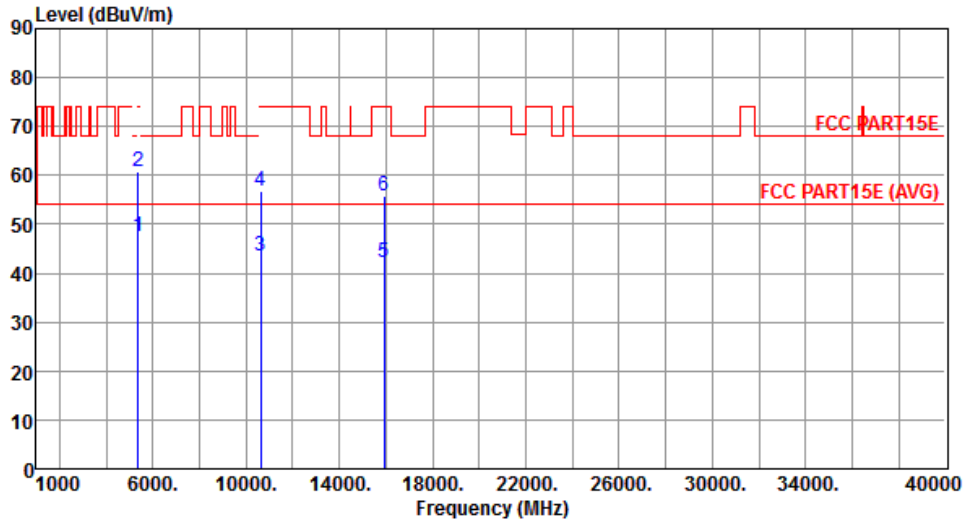
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 51.71 | 54.00 | -2.29 | 46.00 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 70.20 | 74.00 | -3.80 | 64.49 | 5.71 | Peak | --- | --- |
| 3 | 10540.00 | 62.11 | 68.20 | -6.09 | 46.83 | 15.28 | Peak | --- | --- |
| 4 | 15810.00 | 45.02 | 54.00 | -8.98 | 30.89 | 14.13 | Average | --- | --- |
| 5 | 15810.00 | 59.17 | 74.00 | -14.83 | 45.04 | 14.13 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | Test Configuration | 2 |



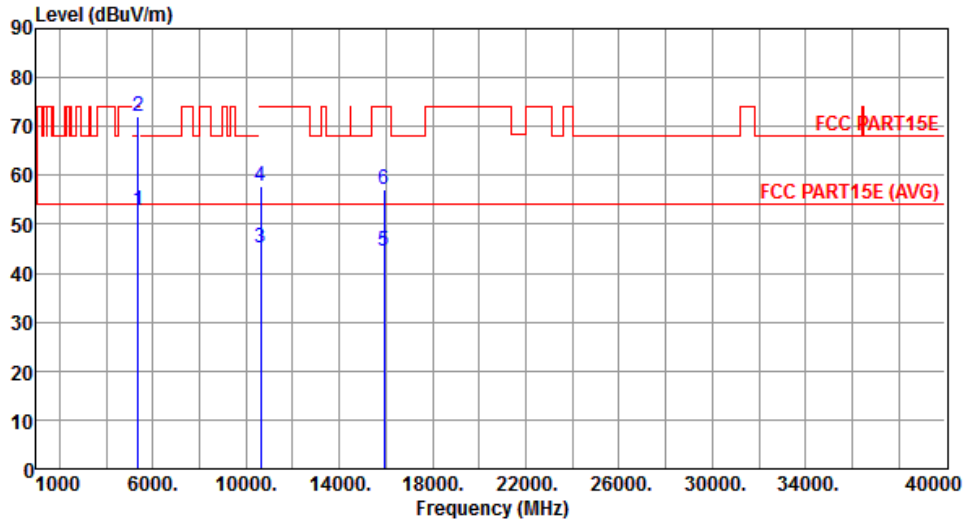
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 47.49 | 54.00 | -6.51 | 41.78 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 60.82 | 74.00 | -13.18 | 55.11 | 5.71 | Peak | --- | --- |
| 3 | 10620.00 | 43.42 | 54.00 | -10.58 | 28.11 | 15.31 | Average | --- | --- |
| 4 | 10620.00 | 56.74 | 74.00 | -17.26 | 41.43 | 15.31 | Peak | --- | --- |
| 5 | 15930.00 | 42.33 | 54.00 | -11.67 | 28.38 | 13.95 | Average | --- | --- |
| 6 | 15930.00 | 55.83 | 74.00 | -18.17 | 41.88 | 13.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | Test Configuration | 2 |



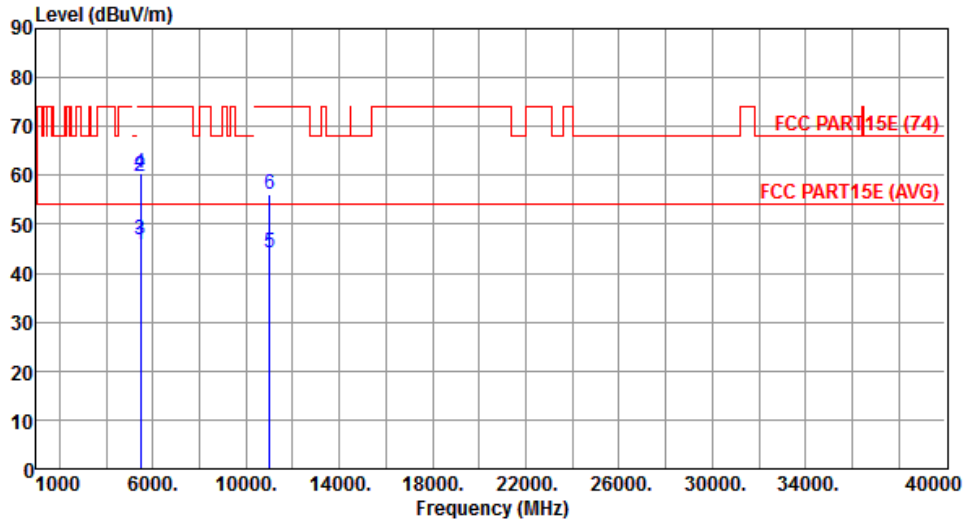
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5350.00 | 52.81 | 54.00 | -1.19 | 47.10 | 5.71 | Average | --- | --- |
| 2 | 5350.00 | 72.03 | 74.00 | -1.97 | 66.32 | 5.71 | Peak | --- | --- |
| 3 | 10620.00 | 45.11 | 54.00 | -8.89 | 29.80 | 15.31 | Average | --- | --- |
| 4 | 10620.00 | 57.73 | 74.00 | -16.27 | 42.42 | 15.31 | Peak | --- | --- |
| 5 | 15930.00 | 44.38 | 54.00 | -9.62 | 30.43 | 13.95 | Average | --- | --- |
| 6 | 15930.00 | 57.06 | 74.00 | -16.94 | 43.11 | 13.95 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | Test Configuration | 2 |



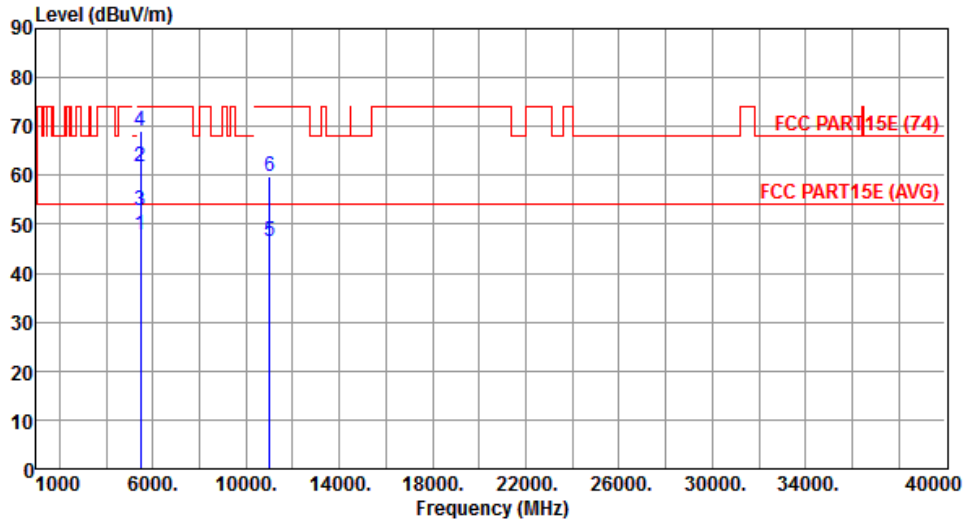
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.92 | 54.00 | -8.08 | 40.24 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 59.83 | 74.00 | -14.17 | 54.15 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 46.91 | 54.00 | -7.09 | 41.25 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 60.34 | 74.00 | -13.66 | 54.68 | 5.66 | Peak | --- | --- |
| 5 | 11020.00 | 44.27 | 54.00 | -9.73 | 28.85 | 15.42 | Average | --- | --- |
| 6 | 11020.00 | 56.05 | 74.00 | -17.95 | 40.63 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Vertical | Test Configuration | 2 |



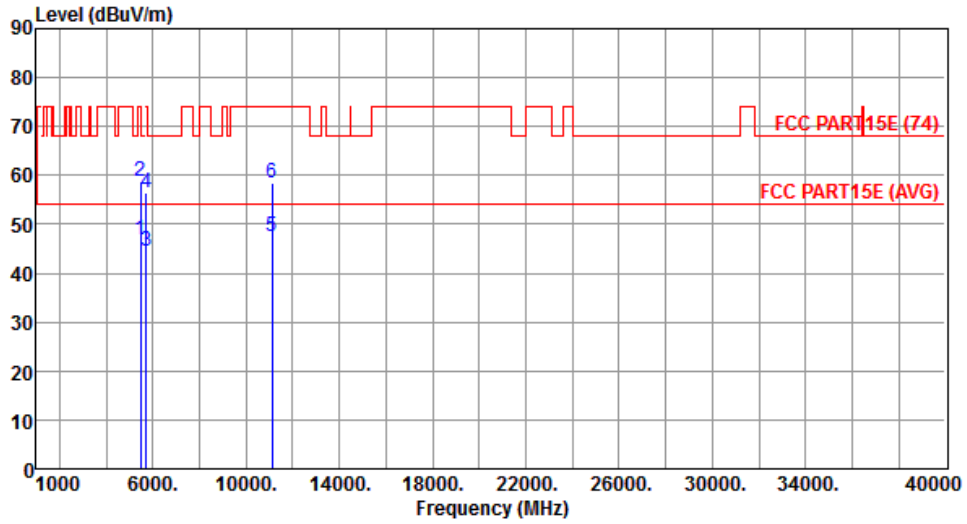
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.68 | 54.00 | -6.32 | 42.00 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 61.83 | 74.00 | -12.17 | 56.15 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 52.71 | 54.00 | -1.29 | 47.05 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 69.08 | 74.00 | -4.92 | 63.42 | 5.66 | Peak | --- | --- |
| 5 | 11020.00 | 46.55 | 54.00 | -7.45 | 31.13 | 15.42 | Average | --- | --- |
| 6 | 11020.00 | 59.87 | 74.00 | -14.13 | 44.45 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Horizontal | Test Configuration | 2 |



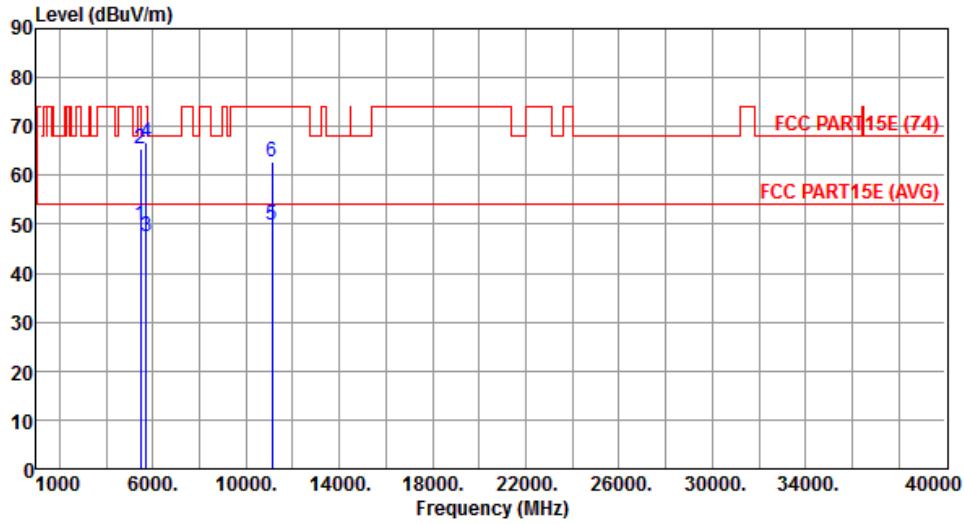
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 46.69 | 54.00 | -7.31 | 41.03 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 58.87 | 74.00 | -15.13 | 53.21 | 5.66 | Peak | --- | --- |
| 3 | 5725.00 | 44.36 | 54.00 | -9.64 | 38.78 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 56.30 | 74.00 | -17.70 | 50.72 | 5.58 | Peak | --- | --- |
| 5 | 11100.00 | 47.51 | 54.00 | -6.49 | 32.24 | 15.27 | Average | --- | --- |
| 6 | 11100.00 | 58.42 | 74.00 | -15.58 | 43.15 | 15.27 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Vertical | Test Configuration | 2 |



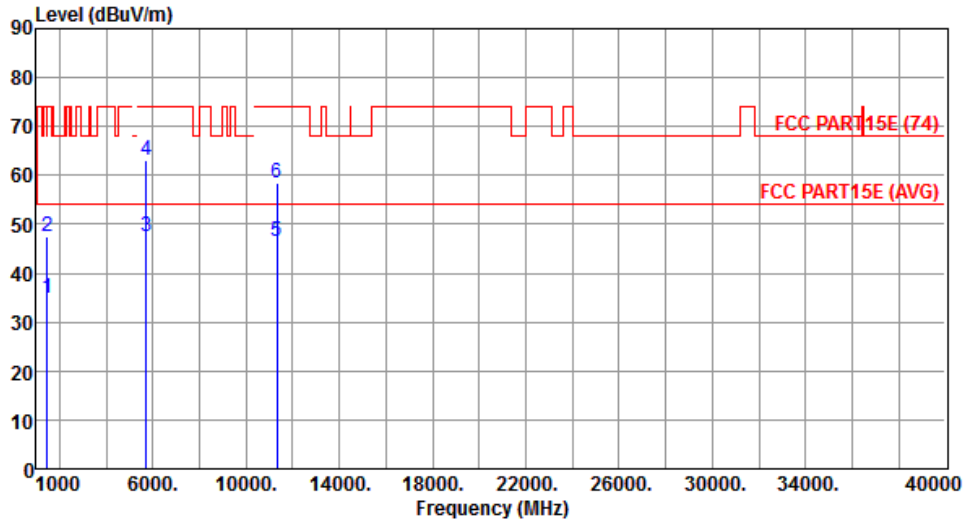
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 49.83 | 54.00 | -4.17 | 44.17 | 5.66 | Average | --- | --- |
| 2 | 5470.00 | 65.44 | 74.00 | -8.56 | 59.78 | 5.66 | Peak | --- | --- |
| 3 | 5725.00 | 47.36 | 54.00 | -6.64 | 41.78 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 66.90 | 74.00 | -7.10 | 61.32 | 5.58 | Peak | --- | --- |
| 5 | 11100.00 | 49.95 | 54.00 | -4.05 | 34.68 | 15.27 | Average | --- | --- |
| 6 | 11100.00 | 62.83 | 74.00 | -11.17 | 47.56 | 15.27 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | Test Configuration | 2 |



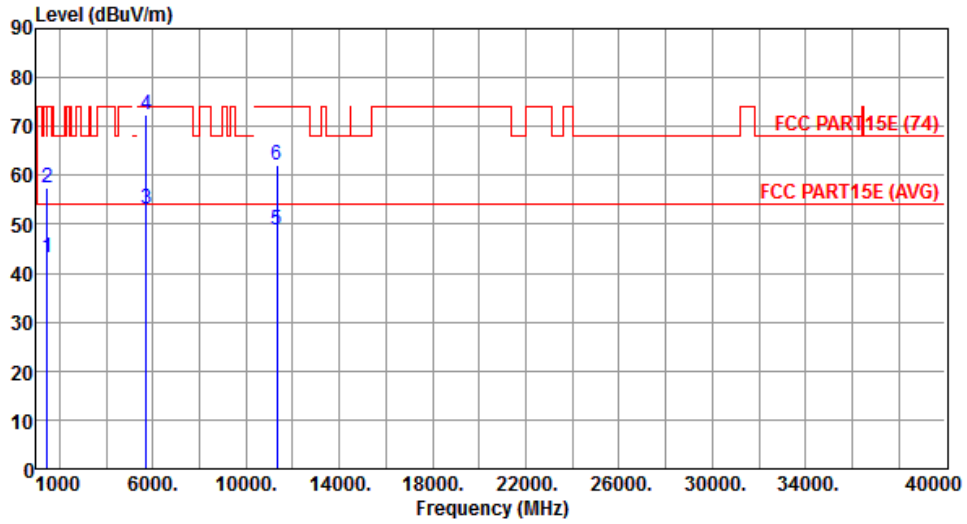
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 1467.00 | 34.92 | 54.00 | -19.08 | 42.29 | -7.37 | Average | --- | --- |
| 2 | 1467.00 | 47.33 | 74.00 | -26.67 | 54.70 | -7.37 | Peak | --- | --- |
| 3 | 5725.00 | 47.39 | 54.00 | -6.61 | 41.81 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 63.13 | 74.00 | -10.87 | 57.55 | 5.58 | Peak | --- | --- |
| 5 | 11340.00 | 46.57 | 54.00 | -7.43 | 31.73 | 14.84 | Average | --- | --- |
| 6 | 11340.00 | 58.34 | 74.00 | -15.66 | 43.50 | 14.84 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Vertical | Test Configuration | 2 |



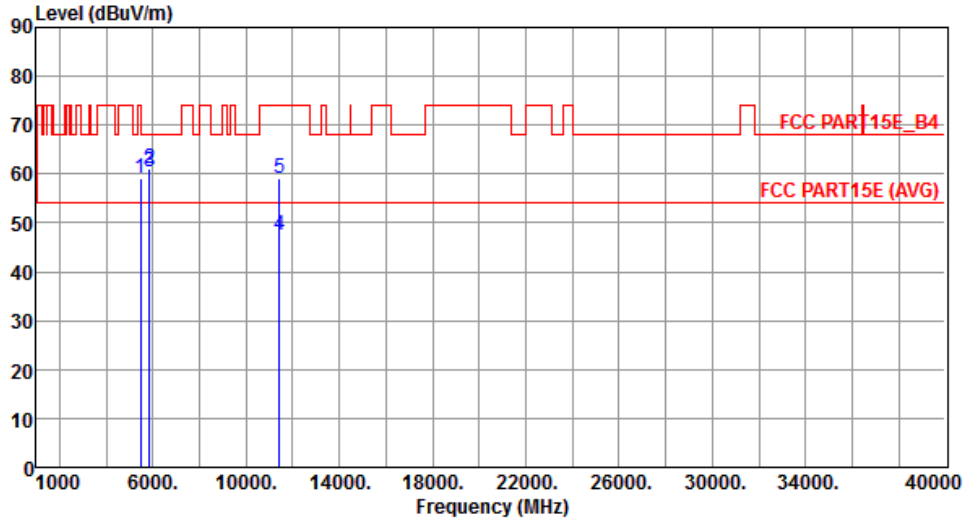
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 1467.00 | 43.12 | 54.00 | -10.88 | 50.49 | -7.37 | Average | --- | --- |
| 2 | 1467.00 | 57.44 | 74.00 | -16.56 | 64.81 | -7.37 | Peak | --- | --- |
| 3 | 5725.00 | 53.00 | 54.00 | -1.00 | 47.42 | 5.58 | Average | --- | --- |
| 4 | 5725.00 | 72.37 | 74.00 | -1.63 | 66.79 | 5.58 | Peak | --- | --- |
| 5 | 11340.00 | 48.84 | 54.00 | -5.16 | 34.00 | 14.84 | Average | --- | --- |
| 6 | 11340.00 | 61.96 | 74.00 | -12.04 | 47.12 | 14.84 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Horizontal | Test Configuration | 2 |



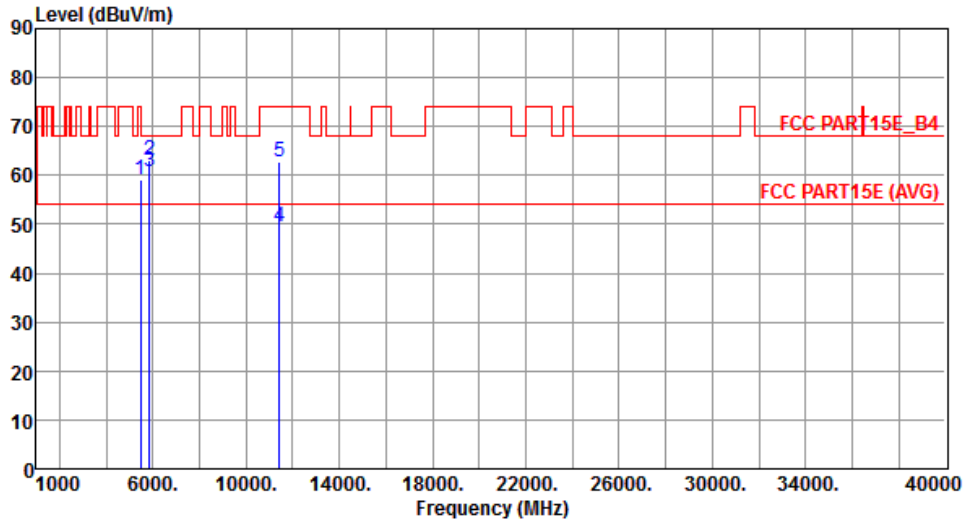
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.09 | 68.20 | -9.11 | 53.43 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 61.27 | 78.20 | -16.93 | 55.65 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 60.38 | 68.20 | -7.82 | 54.76 | 5.62 | Peak | --- | --- |
| 4 | 11420.00 | 47.34 | 54.00 | -6.66 | 32.64 | 14.70 | Average | --- | --- |
| 5 | 11420.00 | 59.14 | 74.00 | -14.86 | 44.44 | 14.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | Test Configuration | 2 |



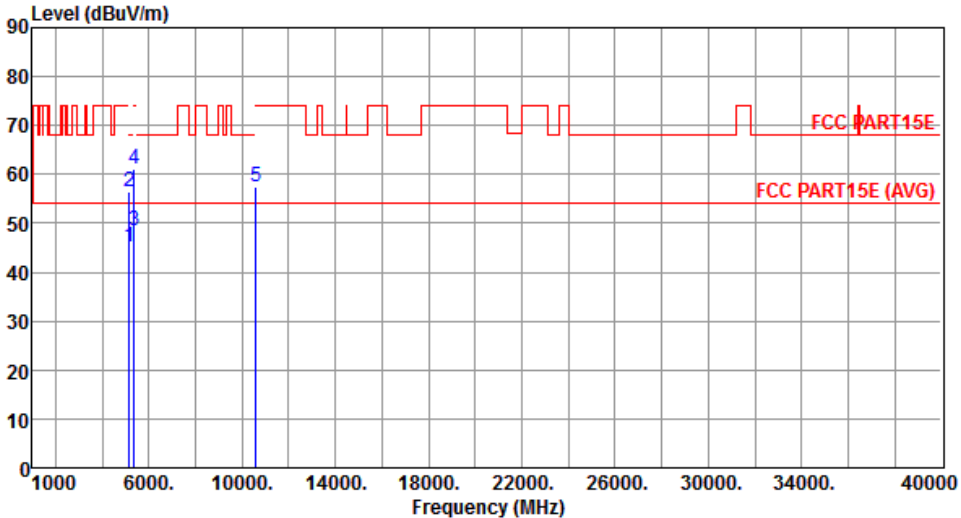
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.24 | 68.20 | -8.96 | 53.58 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 63.06 | 78.20 | -15.14 | 57.44 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 60.87 | 68.20 | -7.33 | 55.25 | 5.62 | Peak | --- | --- |
| 4 | 11420.00 | 49.63 | 54.00 | -4.37 | 34.93 | 14.70 | Average | --- | --- |
| 5 | 11420.00 | 62.89 | 74.00 | -11.11 | 48.19 | 14.70 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

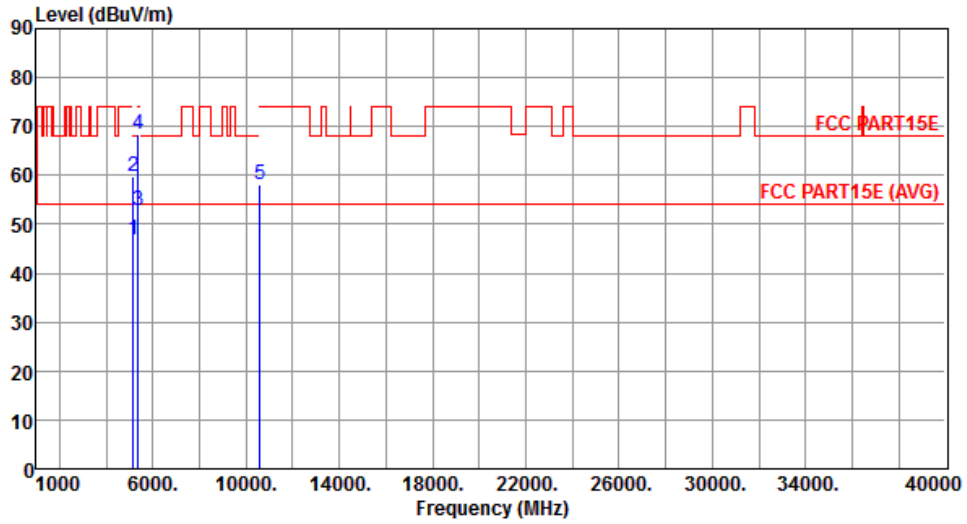
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.15 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

| Modulation | VHT80 | Test Freq. (MHz) | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>45.12</td> <td>54.00</td> <td>-8.88</td> <td>39.56</td> <td>5.56</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>56.41</td> <td>74.00</td> <td>-17.59</td> <td>50.85</td> <td>5.56</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>48.43</td> <td>54.00</td> <td>-5.57</td> <td>42.72</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>61.06</td> <td>74.00</td> <td>-12.94</td> <td>55.35</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10580.00</td> <td>57.33</td> <td>68.20</td> <td>-10.87</td> <td>42.05</td> <td>15.28</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 45.12 | 54.00 | -8.88 | 39.56 | 5.56 | Average | --- | 2 | 5150.00 | 56.41 | 74.00 | -17.59 | 50.85 | 5.56 | Peak | --- | 3 | 5350.00 | 48.43 | 54.00 | -5.57 | 42.72 | 5.71 | Average | --- | 4 | 5350.00 | 61.06 | 74.00 | -12.94 | 55.35 | 5.71 | Peak | --- | 5 | 10580.00 | 57.33 | 68.20 | -10.87 | 42.05 | 15.28 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 45.12 | 54.00 | -8.88 | 39.56 | 5.56 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 56.41 | 74.00 | -17.59 | 50.85 | 5.56 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 48.43 | 54.00 | -5.57 | 42.72 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 61.06 | 74.00 | -12.94 | 55.35 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10580.00 | 57.33 | 68.20 | -10.87 | 42.05 | 15.28 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5290 |
| Polarization | Vertical | Test Configuration | 2 |



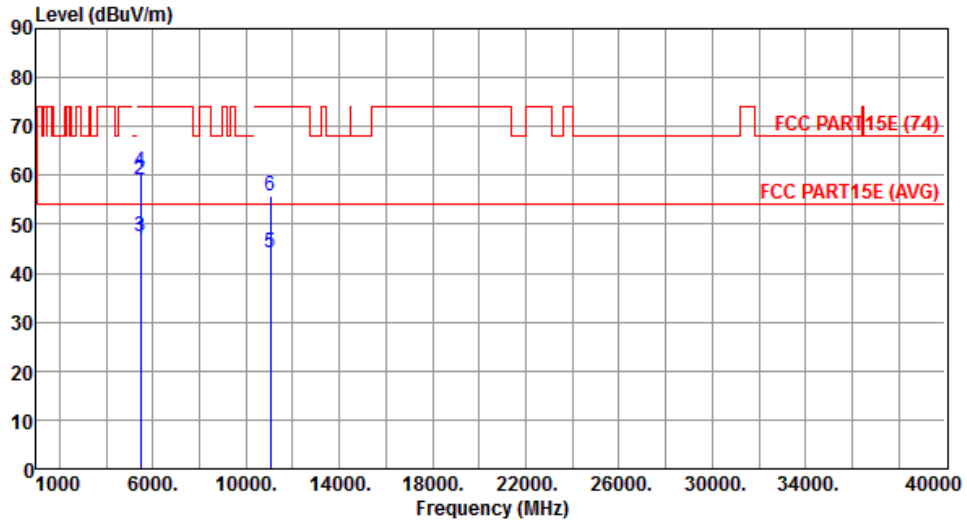
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 46.82 | 54.00 | -7.18 | 41.26 | 5.56 | Average | --- | --- |
| 2 | 5150.00 | 59.86 | 74.00 | -14.14 | 54.30 | 5.56 | Peak | --- | --- |
| 3 | 5350.00 | 52.94 | 54.00 | -1.06 | 47.23 | 5.71 | Average | --- | --- |
| 4 | 5350.00 | 68.46 | 74.00 | -5.54 | 62.75 | 5.71 | Peak | --- | --- |
| 5 | 10580.00 | 58.02 | 68.20 | -10.18 | 42.74 | 15.28 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Horizontal | Test Configuration | 2 |



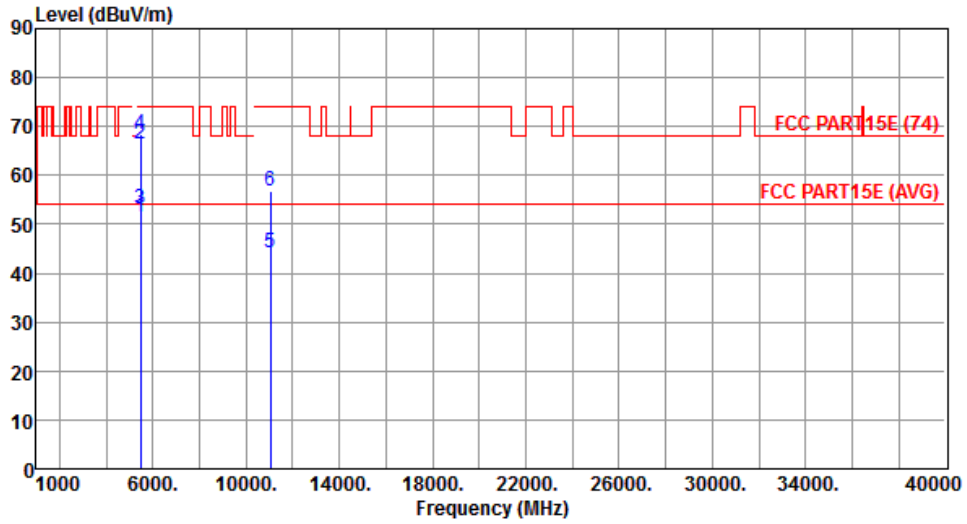
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.98 | 54.00 | -7.02 | 41.30 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 59.20 | 74.00 | -14.80 | 53.52 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 47.51 | 54.00 | -6.49 | 41.85 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 60.88 | 74.00 | -13.12 | 55.22 | 5.66 | Peak | --- | --- |
| 5 | 11060.00 | 44.12 | 54.00 | -9.88 | 28.77 | 15.35 | Average | --- | --- |
| 6 | 11060.00 | 55.87 | 74.00 | -18.13 | 40.52 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Vertical | Test Configuration | 2 |



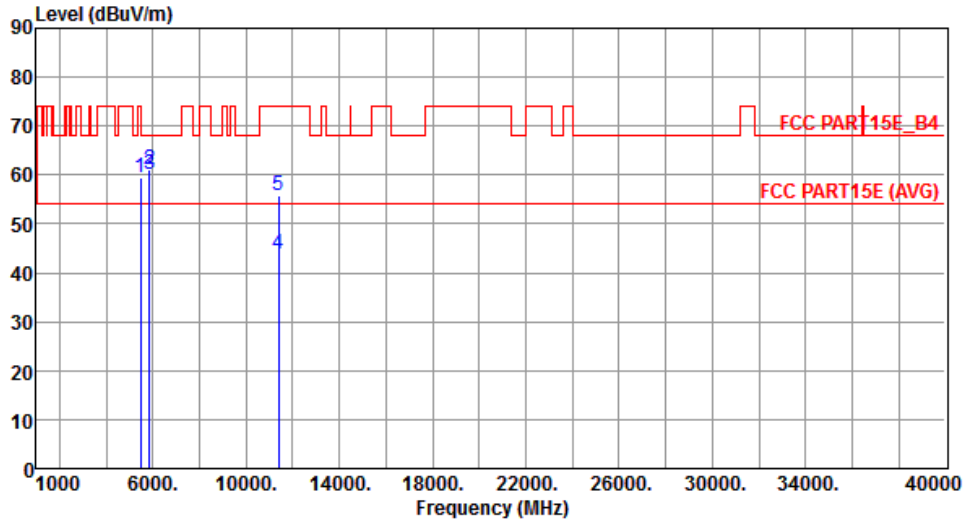
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 51.43 | 54.00 | -2.57 | 45.75 | 5.68 | Average | --- | --- |
| 2 | 5460.00 | 66.50 | 74.00 | -7.50 | 60.82 | 5.68 | Peak | --- | --- |
| 3 | 5470.00 | 53.00 | 54.00 | -1.00 | 47.34 | 5.66 | Average | --- | --- |
| 4 | 5470.00 | 68.43 | 74.00 | -5.57 | 62.77 | 5.66 | Peak | --- | --- |
| 5 | 11060.00 | 44.31 | 54.00 | -9.69 | 28.96 | 15.35 | Average | --- | --- |
| 6 | 11060.00 | 56.75 | 74.00 | -17.25 | 41.40 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Horizontal | Test Configuration | 2 |



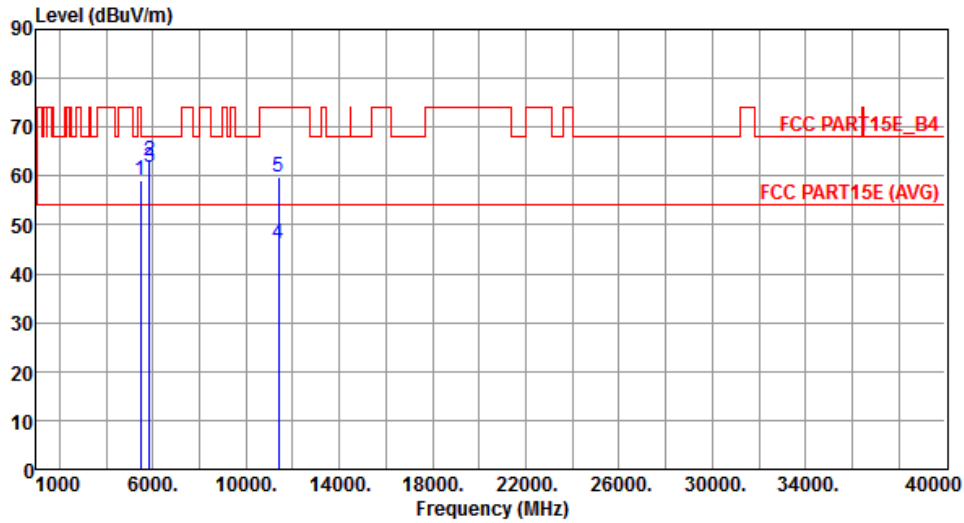
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.28 | 68.20 | -8.92 | 53.62 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 61.26 | 78.20 | -16.94 | 55.64 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 59.98 | 68.20 | -8.22 | 54.36 | 5.62 | Peak | --- | --- |
| 4 | 11380.00 | 43.94 | 54.00 | -10.06 | 29.17 | 14.77 | Average | --- | --- |
| 5 | 11380.00 | 55.73 | 74.00 | -18.27 | 40.96 | 14.77 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Vertical | Test Configuration | 2 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.23 | 68.20 | -8.97 | 53.57 | 5.66 | Peak | --- | --- |
| 2 | 5850.00 | 63.07 | 78.20 | -15.13 | 57.45 | 5.62 | Peak | --- | --- |
| 3 | 5860.00 | 61.87 | 68.20 | -6.33 | 56.25 | 5.62 | Peak | --- | --- |
| 4 | 11380.00 | 46.13 | 54.00 | -7.87 | 31.36 | 14.77 | Average | --- | --- |
| 5 | 11380.00 | 59.72 | 74.00 | -14.28 | 44.95 | 14.77 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

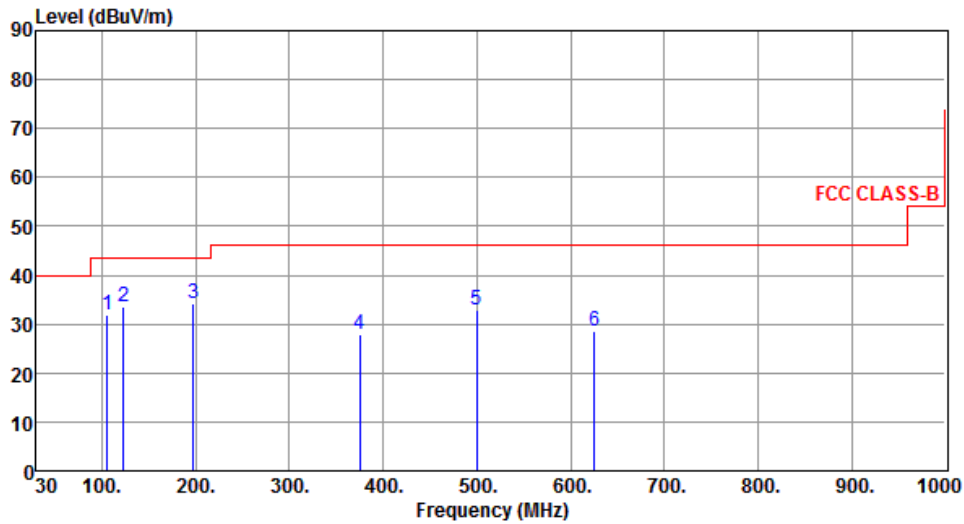
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

(Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

3.5.16 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | Test Configuration | 3 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 105.52 | 31.95 | 43.50 | -11.55 | 52.72 | -20.77 | Peak | --- | --- |
| 2 | 122.86 | 33.68 | 43.50 | -9.82 | 52.52 | -18.84 | Peak | --- | --- |
| 3 | 197.60 | 34.15 | 43.50 | -9.35 | 53.32 | -19.17 | Peak | --- | --- |
| 4 | 375.26 | 28.01 | 46.00 | -17.99 | 42.24 | -14.23 | Peak | --- | --- |
| 5 | 500.24 | 32.81 | 46.00 | -13.19 | 44.23 | -11.42 | Peak | --- | --- |
| 6 | 625.46 | 28.42 | 46.00 | -17.58 | 37.62 | -9.20 | Peak | --- | --- |

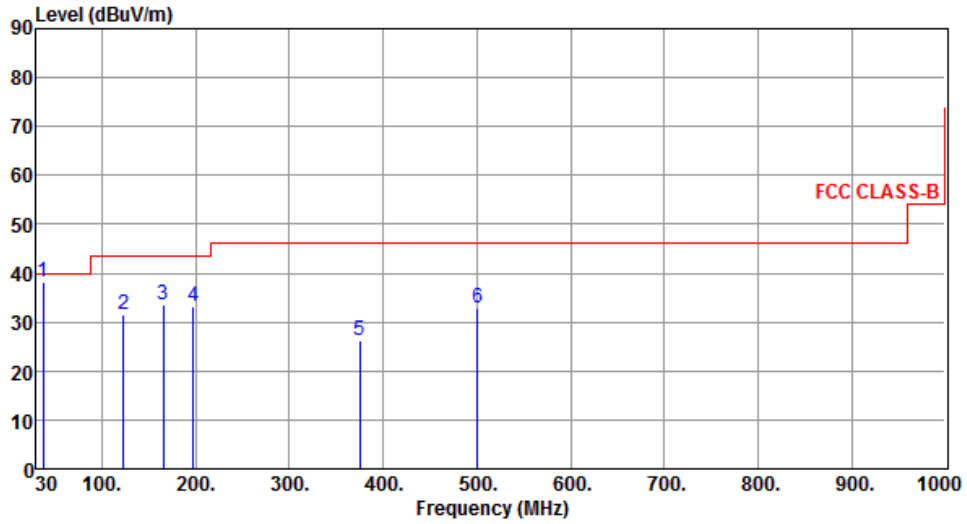
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 3 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 37.58 | 38.35 | 40.00 | -1.65 | 55.42 | -17.07 | QP | --- | --- |
| 2 | 123.20 | 31.63 | 43.50 | -11.87 | 50.44 | -18.81 | Peak | --- | --- |
| 3 | 165.78 | 33.53 | 43.50 | -9.97 | 50.42 | -16.89 | Peak | --- | --- |
| 4 | 197.66 | 33.21 | 43.50 | -10.29 | 52.38 | -19.17 | Peak | --- | --- |
| 5 | 375.24 | 26.19 | 46.00 | -19.81 | 40.42 | -14.23 | Peak | --- | --- |
| 6 | 500.62 | 32.97 | 46.00 | -13.03 | 44.38 | -11.41 | Peak | --- | --- |

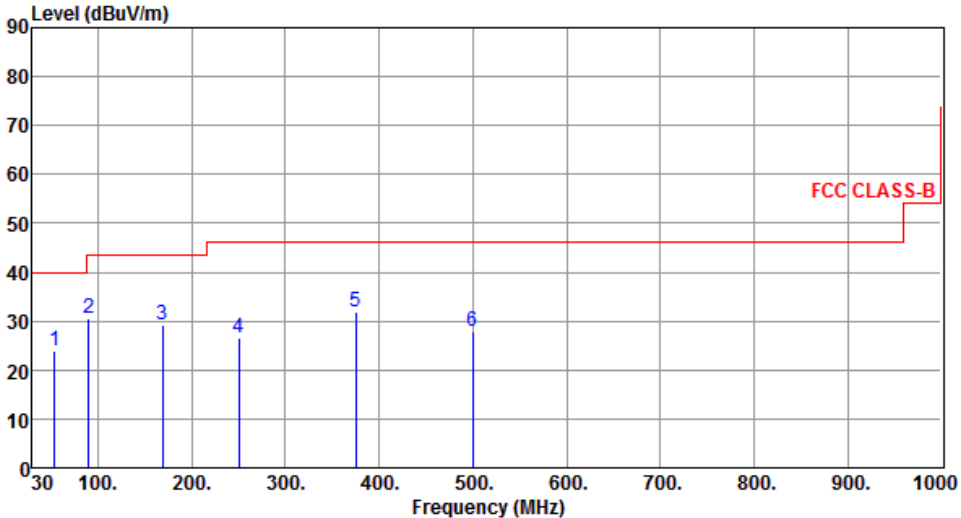
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

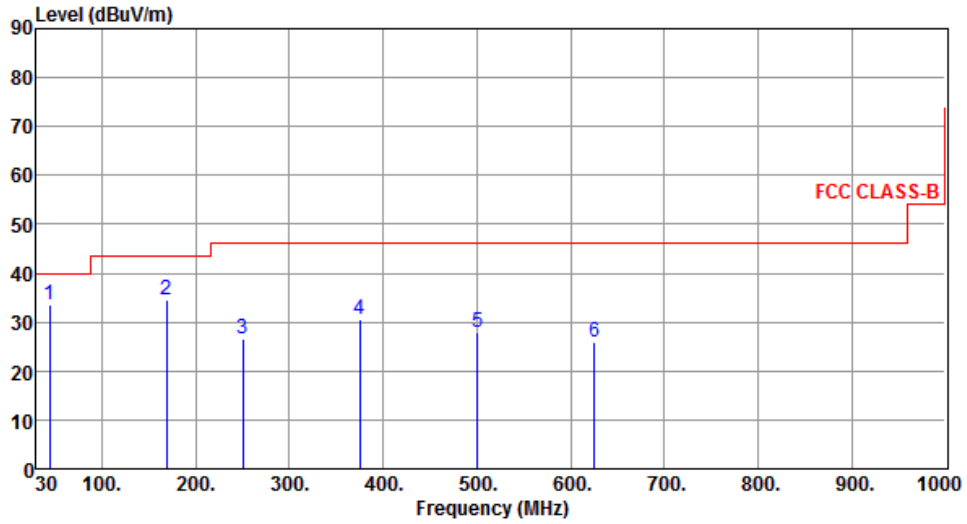
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.17 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|-------|-------|-------|--------|-------|--------|------|-----|---|-------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|--|--|--|--|--|--|--|
| Polarization | Horizontal | Test Configuration | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>53.52</td> <td>23.98</td> <td>40.00</td> <td>-16.02</td> <td>40.65</td> <td>-16.67</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>2</td> <td>90.52</td> <td>30.40</td> <td>43.50</td> <td>-13.10</td> <td>53.32</td> <td>-22.92</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>168.62</td> <td>29.27</td> <td>43.50</td> <td>-14.23</td> <td>46.21</td> <td>-16.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>250.31</td> <td>26.47</td> <td>46.00</td> <td>-19.53</td> <td>44.21</td> <td>-17.74</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>375.26</td> <td>32.02</td> <td>46.00</td> <td>-13.98</td> <td>46.25</td> <td>-14.23</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>6</td> <td>500.26</td> <td>28.01</td> <td>46.00</td> <td>-17.99</td> <td>39.43</td> <td>-11.42</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 53.52 | 23.98 | 40.00 | -16.02 | 40.65 | -16.67 | Peak | --- | 2 | 90.52 | 30.40 | 43.50 | -13.10 | 53.32 | -22.92 | Peak | --- | 3 | 168.62 | 29.27 | 43.50 | -14.23 | 46.21 | -16.94 | Peak | --- | 4 | 250.31 | 26.47 | 46.00 | -19.53 | 44.21 | -17.74 | Peak | --- | 5 | 375.26 | 32.02 | 46.00 | -13.98 | 46.25 | -14.23 | Peak | --- | 6 | 500.26 | 28.01 | 46.00 | -17.99 | 39.43 | -11.42 | Peak | --- | | | | | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 53.52 | 23.98 | 40.00 | -16.02 | 40.65 | -16.67 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 90.52 | 30.40 | 43.50 | -13.10 | 53.32 | -22.92 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 168.62 | 29.27 | 43.50 | -14.23 | 46.21 | -16.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 250.31 | 26.47 | 46.00 | -19.53 | 44.21 | -17.74 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 375.26 | 32.02 | 46.00 | -13.98 | 46.25 | -14.23 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 500.26 | 28.01 | 46.00 | -17.99 | 39.43 | -11.42 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 7 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 44.20 | 33.62 | 40.00 | -6.38 | 50.22 | -16.60 | Peak | --- | --- |
| 2 | 168.56 | 34.59 | 43.50 | -8.91 | 51.53 | -16.94 | Peak | --- | --- |
| 3 | 250.22 | 26.72 | 46.00 | -19.28 | 44.46 | -17.74 | Peak | --- | --- |
| 4 | 375.38 | 30.62 | 46.00 | -15.38 | 44.85 | -14.23 | Peak | --- | --- |
| 5 | 500.33 | 27.89 | 46.00 | -18.11 | 39.30 | -11.41 | Peak | --- | --- |
| 6 | 625.47 | 26.04 | 46.00 | -19.96 | 35.24 | -9.20 | Peak | --- | --- |

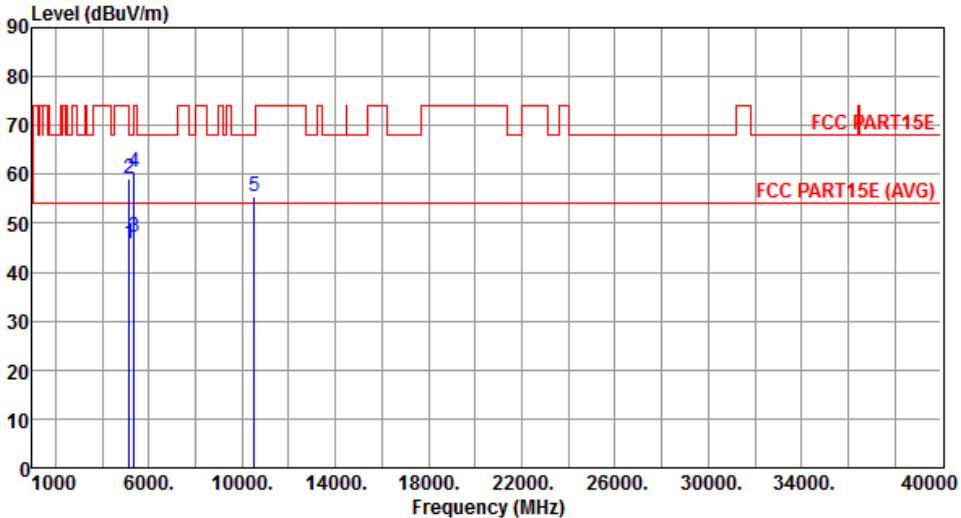
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

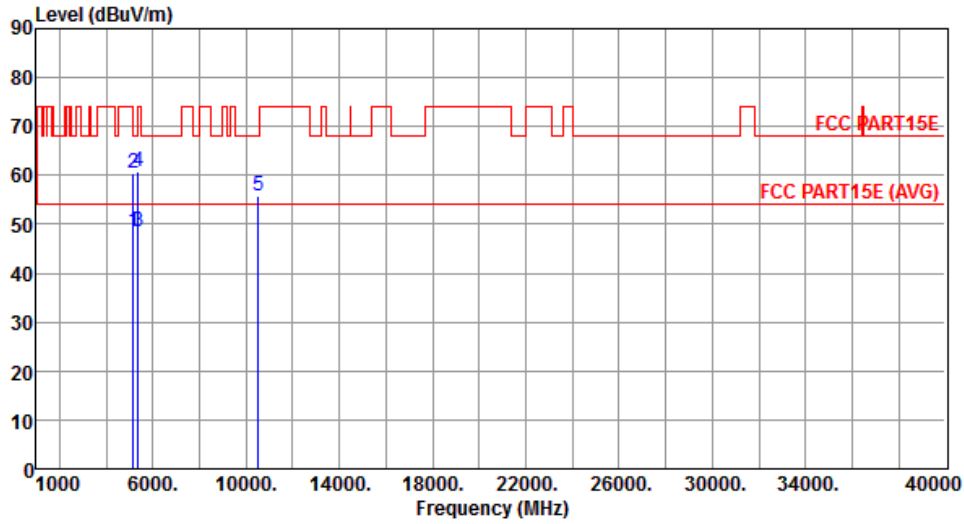
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.18 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

| Modulation | 11a | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>45.98</td> <td>54.00</td> <td>-8.02</td> <td>40.21</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>59.17</td> <td>74.00</td> <td>-14.83</td> <td>53.40</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>47.25</td> <td>54.00</td> <td>-6.75</td> <td>41.31</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>60.38</td> <td>74.00</td> <td>-13.62</td> <td>54.44</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10520.00</td> <td>55.61</td> <td>68.20</td> <td>-12.59</td> <td>40.21</td> <td>15.40</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 45.98 | 54.00 | -8.02 | 40.21 | 5.77 | Average | --- | 2 | 5150.00 | 59.17 | 74.00 | -14.83 | 53.40 | 5.77 | Peak | --- | 3 | 5350.00 | 47.25 | 54.00 | -6.75 | 41.31 | 5.94 | Average | --- | 4 | 5350.00 | 60.38 | 74.00 | -13.62 | 54.44 | 5.94 | Peak | --- | 5 | 10520.00 | 55.61 | 68.20 | -12.59 | 40.21 | 15.40 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 45.98 | 54.00 | -8.02 | 40.21 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 59.17 | 74.00 | -14.83 | 53.40 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 47.25 | 54.00 | -6.75 | 41.31 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 60.38 | 74.00 | -13.62 | 54.44 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10520.00 | 55.61 | 68.20 | -12.59 | 40.21 | 15.40 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 3 |



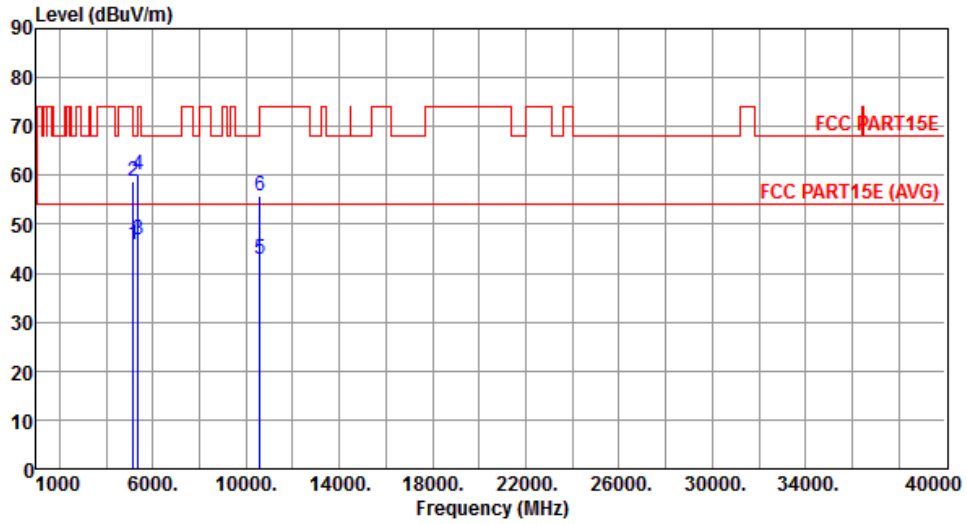
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 48.64 | 54.00 | -5.36 | 42.87 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 60.51 | 74.00 | -13.49 | 54.74 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 48.49 | 54.00 | -5.51 | 42.55 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 60.73 | 74.00 | -13.27 | 54.79 | 5.94 | Peak | --- | --- |
| 5 | 10520.00 | 55.78 | 68.20 | -12.42 | 40.38 | 15.40 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 3 |



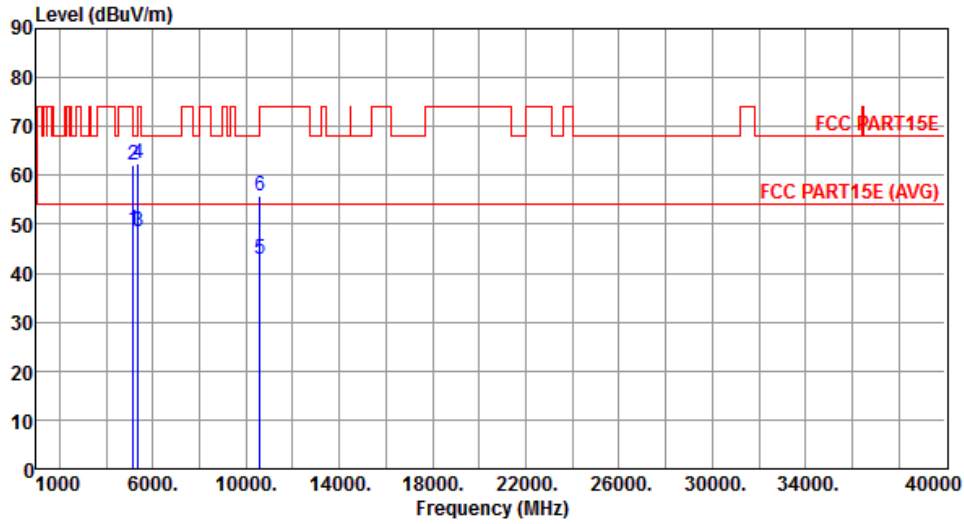
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 45.89 | 54.00 | -8.11 | 40.12 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.66 | 74.00 | -15.34 | 52.89 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 46.99 | 54.00 | -7.01 | 41.05 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 60.11 | 74.00 | -13.89 | 54.17 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 42.75 | 54.00 | -11.25 | 27.31 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 55.69 | 74.00 | -18.31 | 40.25 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 3 |



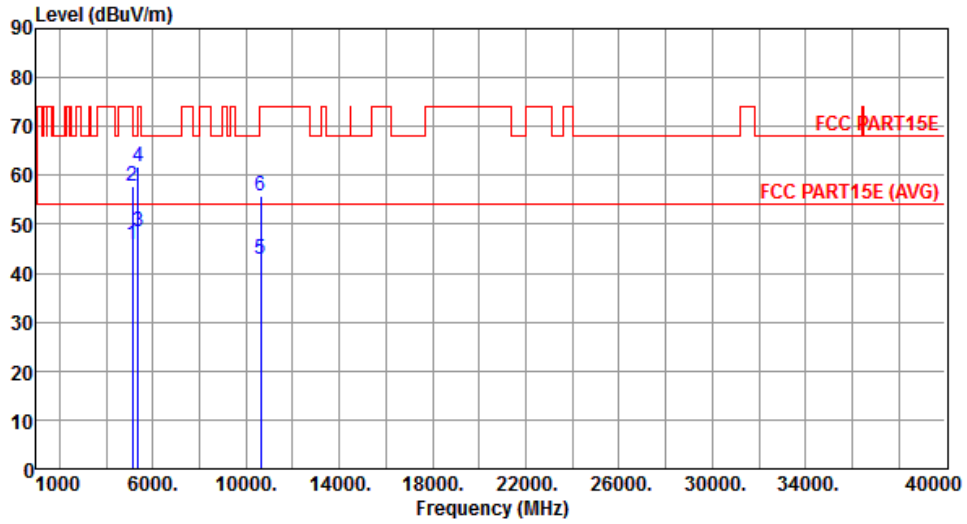
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 48.81 | 54.00 | -5.19 | 43.04 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 62.19 | 74.00 | -11.81 | 56.42 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 48.56 | 54.00 | -5.44 | 42.62 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 62.29 | 74.00 | -11.71 | 56.35 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 42.97 | 54.00 | -11.03 | 27.53 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 55.75 | 74.00 | -18.25 | 40.31 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 3 |



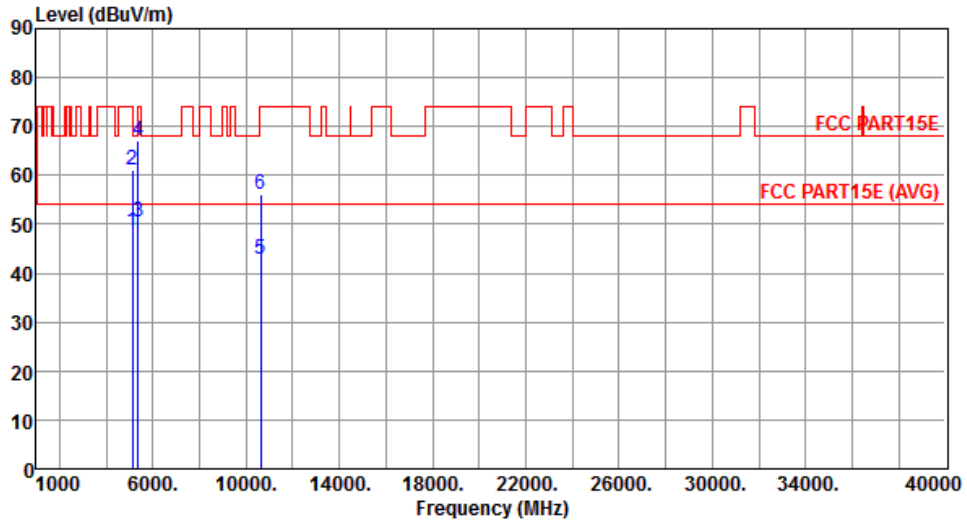
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 45.67 | 54.00 | -8.33 | 39.92 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 57.86 | 74.00 | -16.14 | 52.11 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 48.38 | 54.00 | -5.62 | 42.44 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 61.62 | 74.00 | -12.38 | 55.68 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 42.89 | 54.00 | -11.11 | 27.42 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 55.84 | 74.00 | -18.16 | 40.37 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 3 |



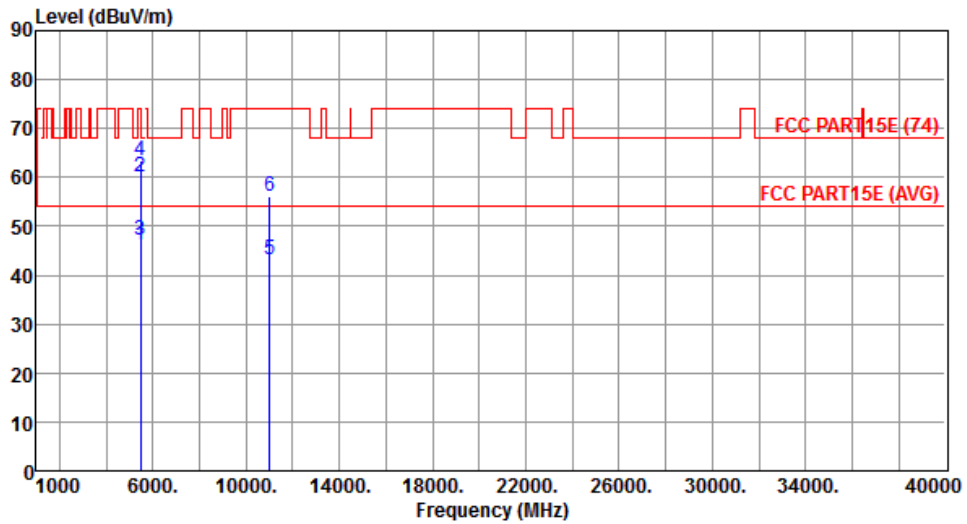
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 48.51 | 54.00 | -5.49 | 42.76 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 60.96 | 74.00 | -13.04 | 55.21 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 50.57 | 54.00 | -3.43 | 44.63 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 67.03 | 74.00 | -6.97 | 61.09 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 42.79 | 54.00 | -11.21 | 27.32 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 56.10 | 74.00 | -17.90 | 40.63 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 3 |



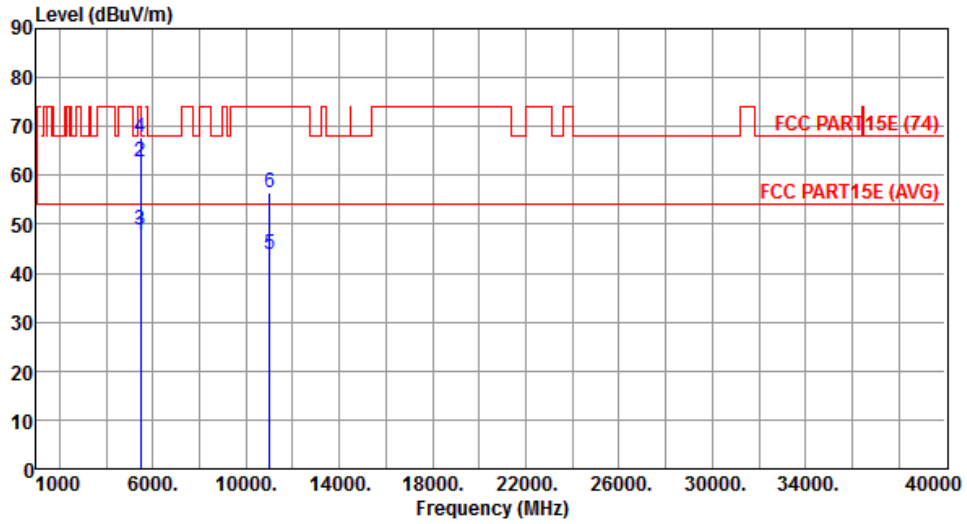
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.06 | 54.00 | -7.94 | 40.14 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.99 | 74.00 | -14.01 | 54.07 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 47.30 | 54.00 | -6.70 | 41.40 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 63.27 | 74.00 | -10.73 | 57.37 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 43.12 | 54.00 | -10.88 | 27.49 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 56.16 | 74.00 | -17.84 | 40.53 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 3 |



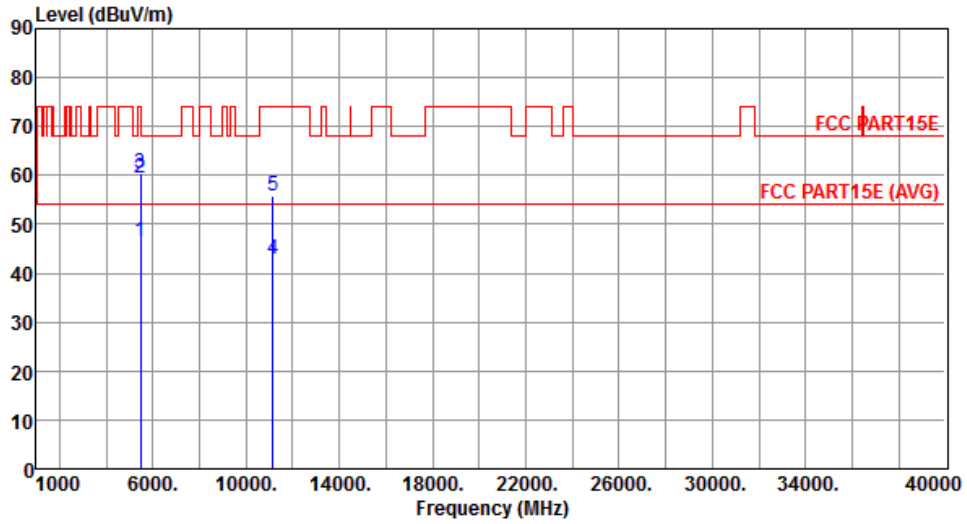
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.78 | 54.00 | -6.22 | 41.86 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 62.83 | 74.00 | -11.17 | 56.91 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 48.77 | 54.00 | -5.23 | 42.87 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 67.76 | 74.00 | -6.24 | 61.86 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 43.84 | 54.00 | -10.16 | 28.21 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 56.56 | 74.00 | -17.44 | 40.93 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 3 |



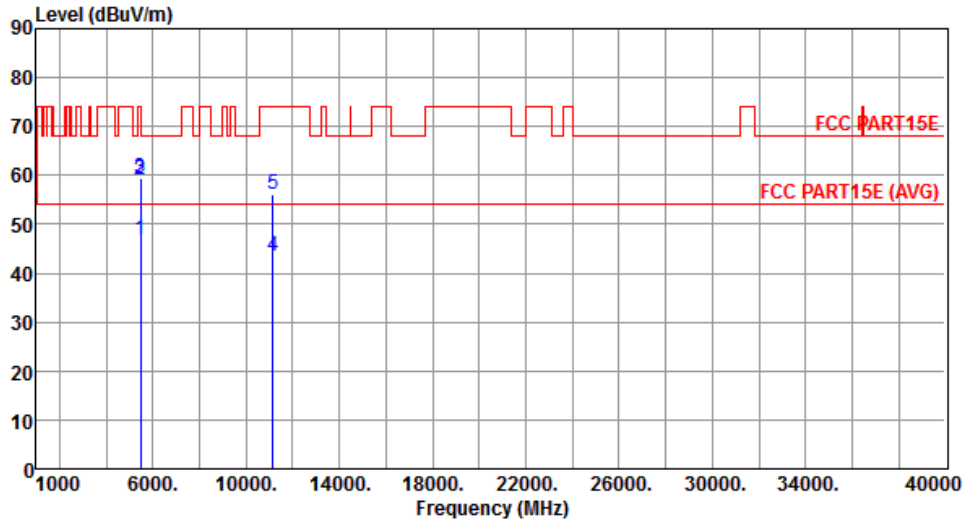
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.42 | 54.00 | -7.58 | 40.50 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.47 | 74.00 | -14.53 | 53.55 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 60.28 | 68.20 | -7.92 | 54.38 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 42.91 | 54.00 | -11.09 | 27.56 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 55.73 | 74.00 | -18.27 | 40.38 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 3 |



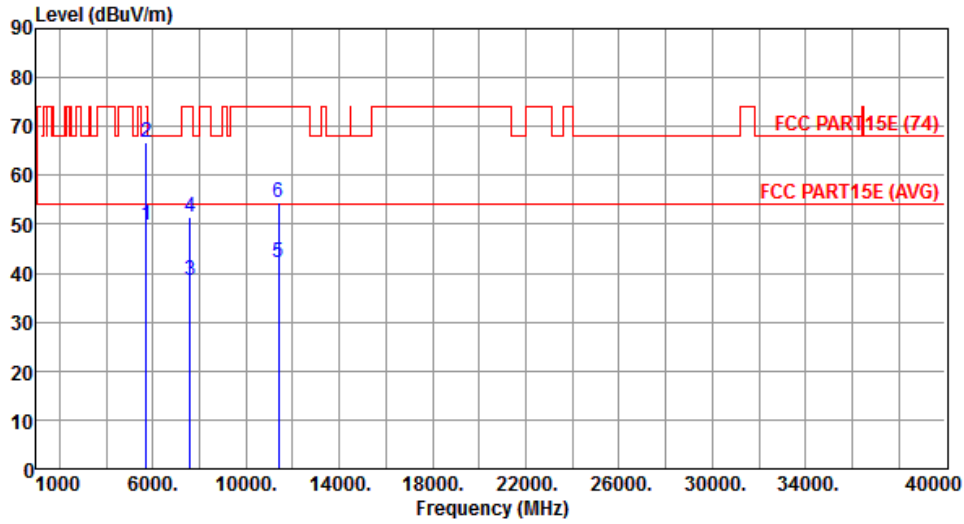
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.76 | 54.00 | -7.24 | 40.84 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.22 | 74.00 | -14.78 | 53.30 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 59.35 | 68.20 | -8.85 | 53.45 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 43.56 | 54.00 | -10.44 | 28.21 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 56.22 | 74.00 | -17.78 | 40.87 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 3 |



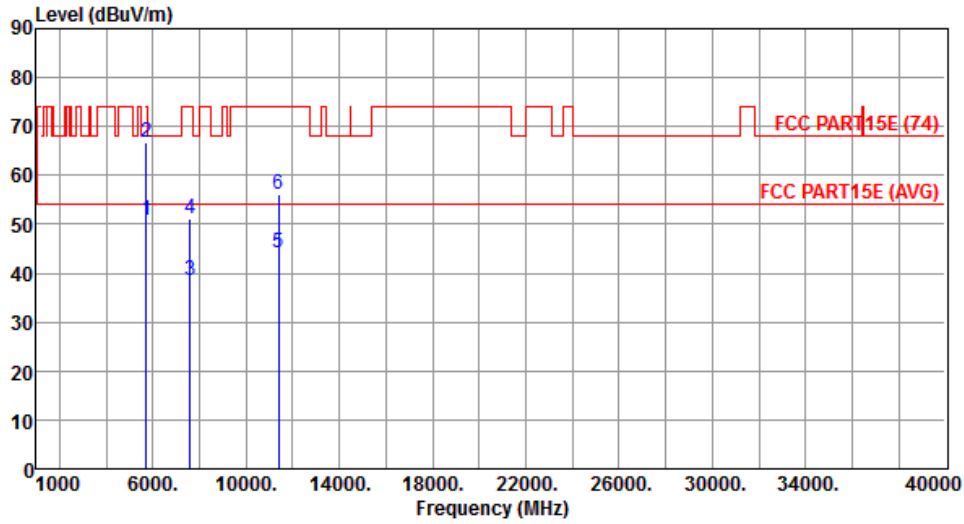
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 49.97 | 54.00 | -4.03 | 44.12 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 66.67 | 74.00 | -7.33 | 60.82 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.42 | 54.00 | -15.58 | 27.82 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.43 | 74.00 | -22.57 | 40.83 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 42.05 | 54.00 | -11.95 | 27.11 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 54.53 | 74.00 | -19.47 | 39.59 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 3 |



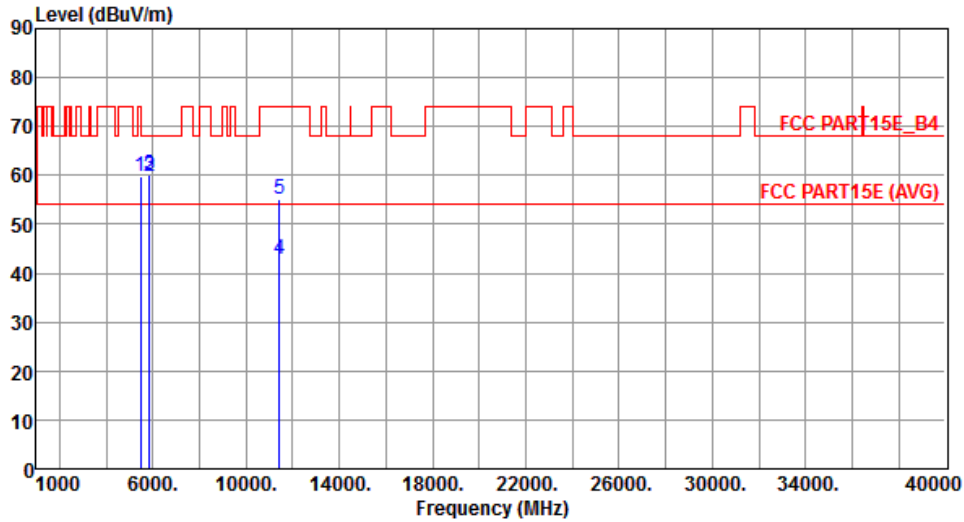
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 50.97 | 54.00 | -3.03 | 45.12 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 66.71 | 74.00 | -7.29 | 60.86 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.39 | 54.00 | -15.61 | 27.79 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.14 | 74.00 | -22.86 | 40.54 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 44.16 | 54.00 | -9.84 | 29.22 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 56.10 | 74.00 | -17.90 | 41.16 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 3 |



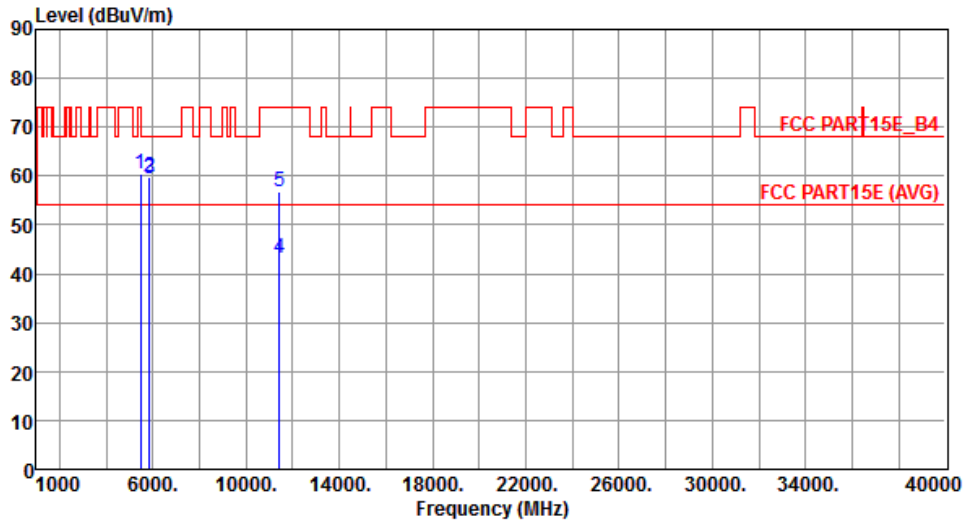
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.76 | 68.20 | -8.44 | 53.86 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.67 | 78.20 | -18.53 | 53.77 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 60.15 | 68.20 | -8.05 | 54.24 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 42.68 | 54.00 | -11.32 | 27.82 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 55.24 | 74.00 | -18.76 | 40.38 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 3 |



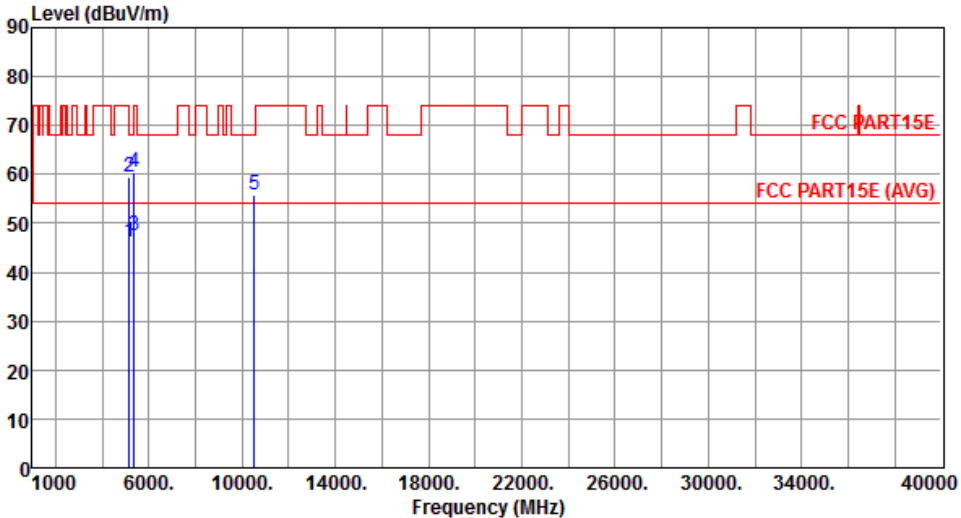
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.33 | 68.20 | -7.87 | 54.43 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.71 | 78.20 | -18.49 | 53.81 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.56 | 68.20 | -8.64 | 53.65 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 43.29 | 54.00 | -10.71 | 28.43 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 56.72 | 74.00 | -17.28 | 41.86 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

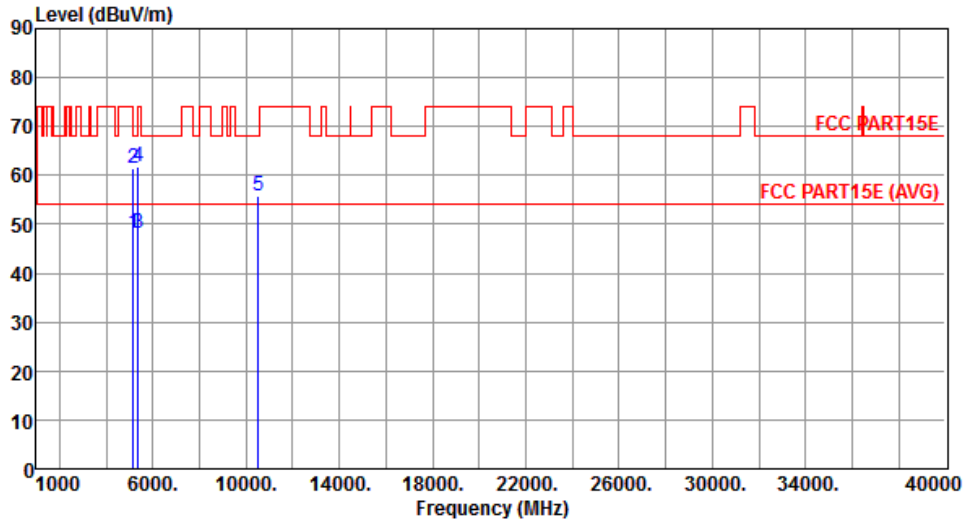
*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.19 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT20

| Modulation | VHT20 | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>46.15</td> <td>54.00</td> <td>-7.85</td> <td>40.38</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>59.29</td> <td>74.00</td> <td>-14.71</td> <td>53.52</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>47.36</td> <td>54.00</td> <td>-6.64</td> <td>41.42</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>60.47</td> <td>74.00</td> <td>-13.53</td> <td>54.53</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10520.00</td> <td>55.83</td> <td>68.20</td> <td>-12.37</td> <td>40.43</td> <td>15.40</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 46.15 | 54.00 | -7.85 | 40.38 | 5.77 | Average | --- | 2 | 5150.00 | 59.29 | 74.00 | -14.71 | 53.52 | 5.77 | Peak | --- | 3 | 5350.00 | 47.36 | 54.00 | -6.64 | 41.42 | 5.94 | Average | --- | 4 | 5350.00 | 60.47 | 74.00 | -13.53 | 54.53 | 5.94 | Peak | --- | 5 | 10520.00 | 55.83 | 68.20 | -12.37 | 40.43 | 15.40 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 46.15 | 54.00 | -7.85 | 40.38 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 59.29 | 74.00 | -14.71 | 53.52 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 47.36 | 54.00 | -6.64 | 41.42 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 60.47 | 74.00 | -13.53 | 54.53 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10520.00 | 55.83 | 68.20 | -12.37 | 40.43 | 15.40 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 3 |



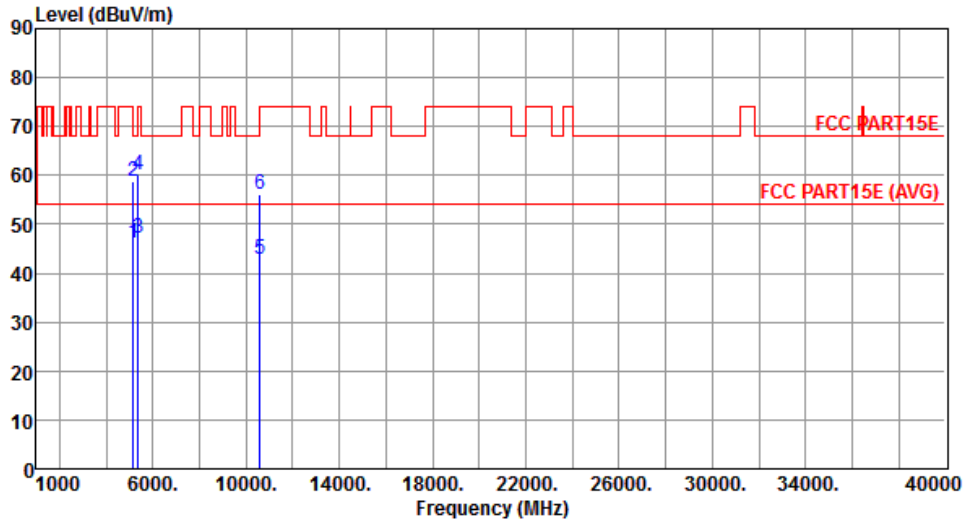
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 48.12 | 54.00 | -5.88 | 42.35 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 61.39 | 74.00 | -12.61 | 55.62 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 48.22 | 54.00 | -5.78 | 42.28 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 61.62 | 74.00 | -12.38 | 55.68 | 5.94 | Peak | --- | --- |
| 5 | 10520.00 | 55.89 | 68.20 | -12.31 | 40.49 | 15.40 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 3 |



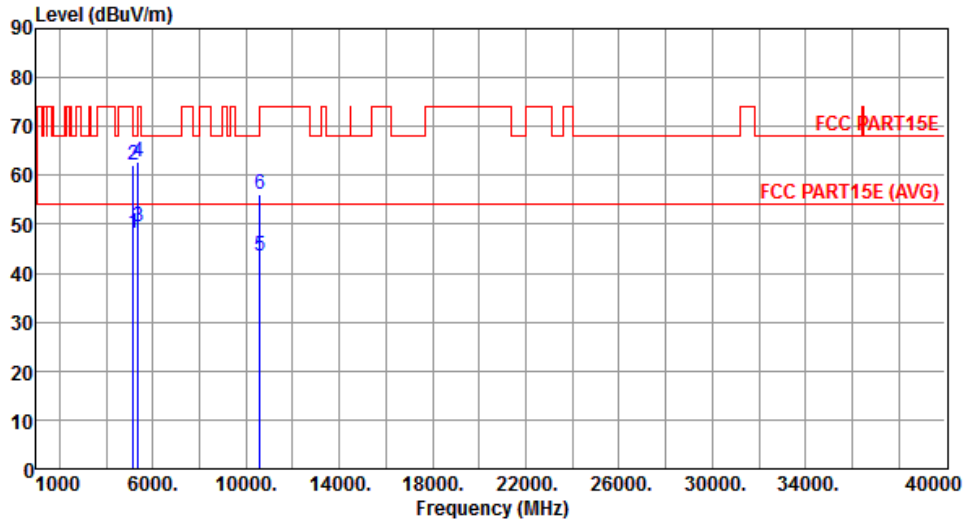
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 46.05 | 54.00 | -7.95 | 40.28 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.92 | 74.00 | -15.08 | 53.15 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 47.25 | 54.00 | -6.75 | 41.31 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 60.27 | 74.00 | -13.73 | 54.33 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 43.00 | 54.00 | -11.00 | 27.56 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 55.97 | 74.00 | -18.03 | 40.53 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 3 |



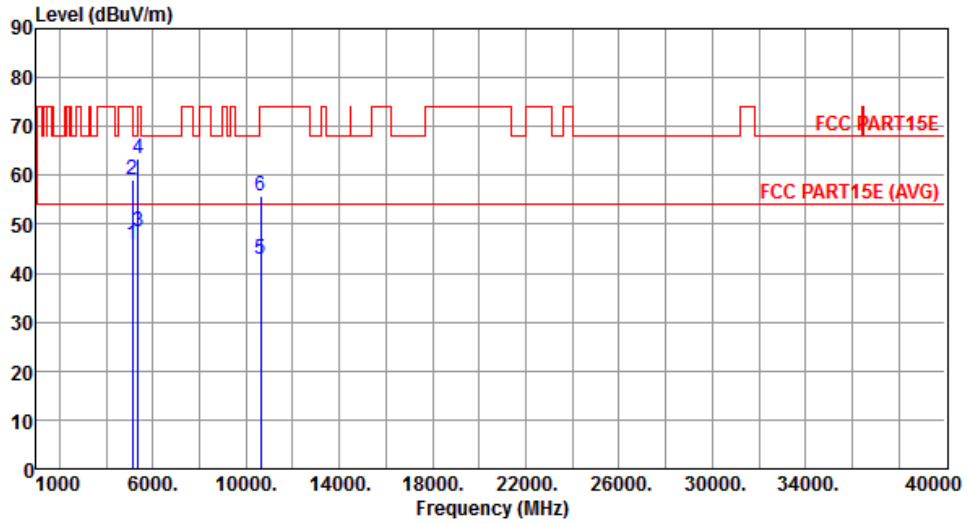
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 48.18 | 54.00 | -5.82 | 42.41 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 62.11 | 74.00 | -11.89 | 56.34 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 49.36 | 54.00 | -4.64 | 43.42 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 62.85 | 74.00 | -11.15 | 56.91 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 43.67 | 54.00 | -10.33 | 28.23 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 56.16 | 74.00 | -17.84 | 40.72 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 3 |



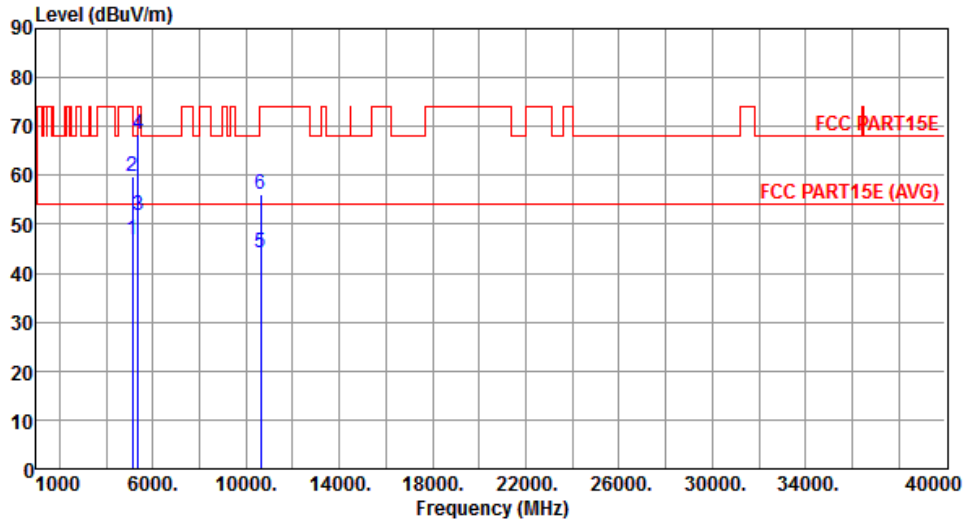
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 45.91 | 54.00 | -8.09 | 40.16 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 59.27 | 74.00 | -14.73 | 53.52 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 48.59 | 54.00 | -5.41 | 42.65 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 63.52 | 74.00 | -10.48 | 57.58 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 42.80 | 54.00 | -11.20 | 27.33 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 55.72 | 74.00 | -18.28 | 40.25 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 3 |



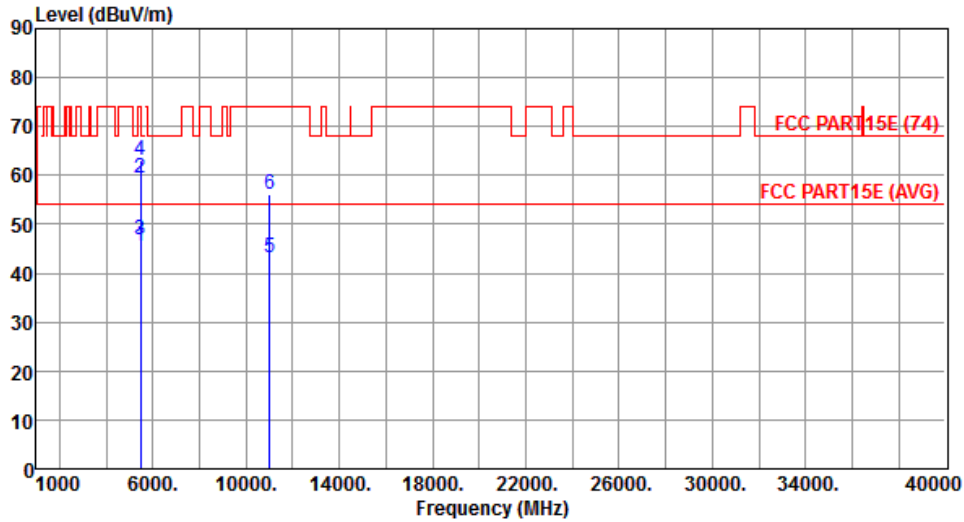
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 46.87 | 54.00 | -7.13 | 41.12 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 59.70 | 74.00 | -14.30 | 53.95 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 51.80 | 54.00 | -2.20 | 45.86 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 68.27 | 74.00 | -5.73 | 62.33 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 44.09 | 54.00 | -9.91 | 28.62 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 56.28 | 74.00 | -17.72 | 40.81 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 3 |



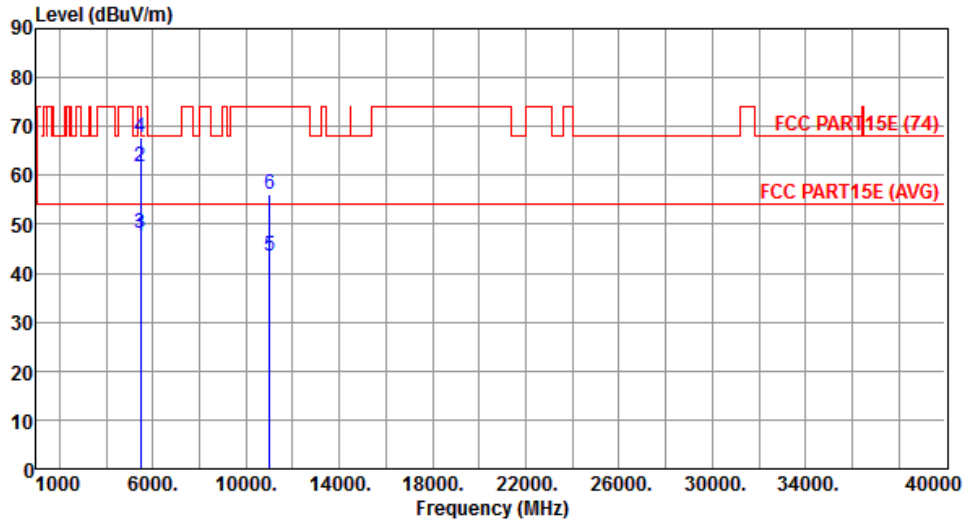
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 45.40 | 54.00 | -8.60 | 39.48 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.58 | 74.00 | -14.42 | 53.66 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 46.91 | 54.00 | -7.09 | 41.01 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 62.95 | 74.00 | -11.05 | 57.05 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 43.09 | 54.00 | -10.91 | 27.46 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 55.97 | 74.00 | -18.03 | 40.34 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 3 |



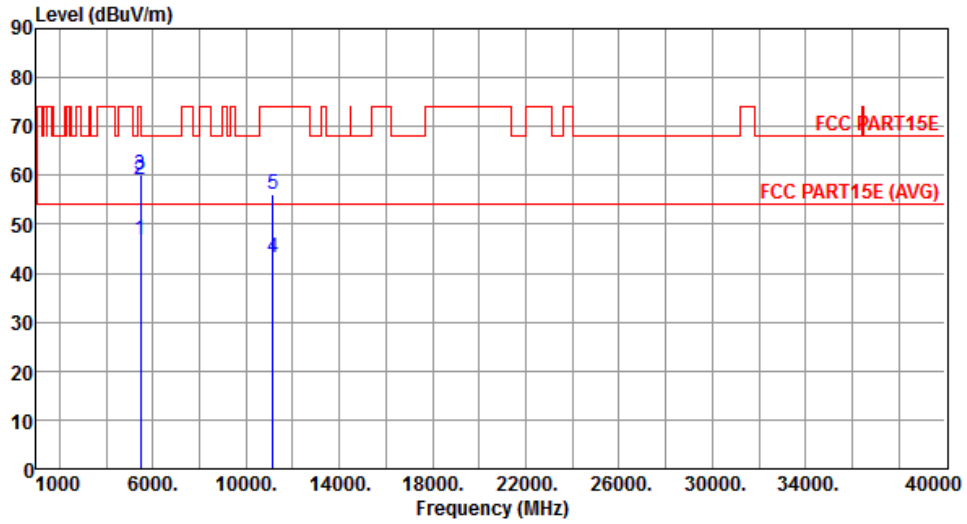
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.57 | 54.00 | -6.43 | 41.65 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 61.89 | 74.00 | -12.11 | 55.97 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 48.16 | 54.00 | -5.84 | 42.26 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 67.59 | 74.00 | -6.41 | 61.69 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 43.42 | 54.00 | -10.58 | 27.79 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 56.19 | 74.00 | -17.81 | 40.56 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 3 |



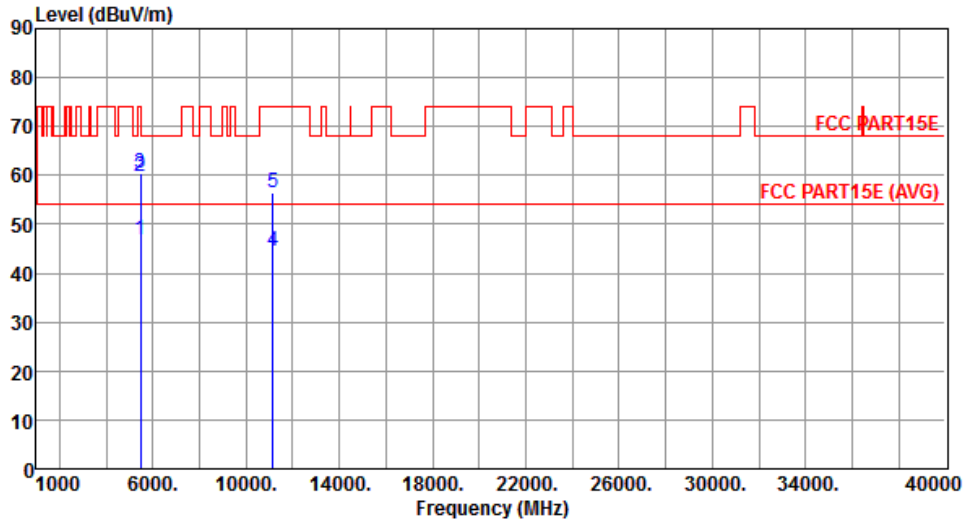
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.89 | 54.00 | -7.11 | 40.97 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.05 | 74.00 | -14.95 | 53.13 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 60.18 | 68.20 | -8.02 | 54.28 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 43.15 | 54.00 | -10.85 | 27.80 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 55.99 | 74.00 | -18.01 | 40.64 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 3 |



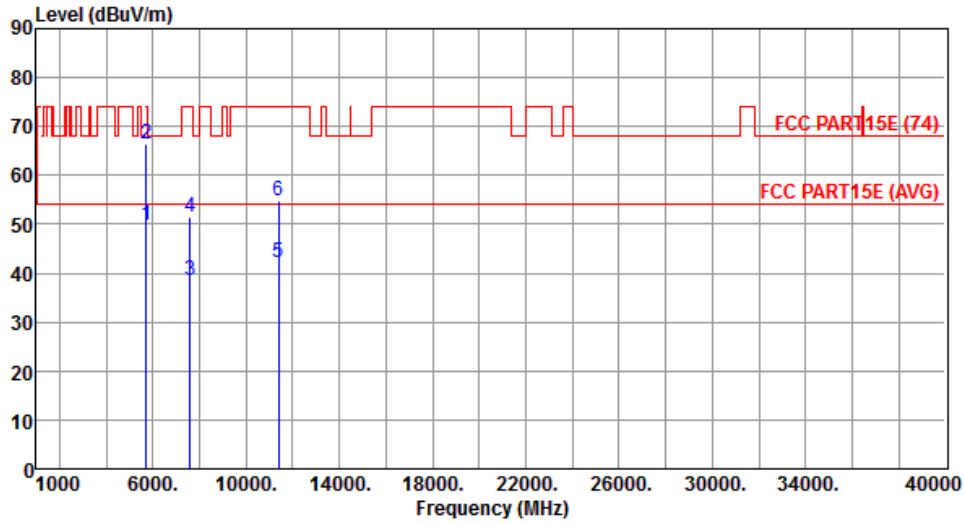
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.88 | 54.00 | -7.12 | 40.96 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.77 | 74.00 | -14.23 | 53.85 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 60.41 | 68.20 | -7.79 | 54.51 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 44.42 | 54.00 | -9.58 | 29.07 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 56.59 | 74.00 | -17.41 | 41.24 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 3 |



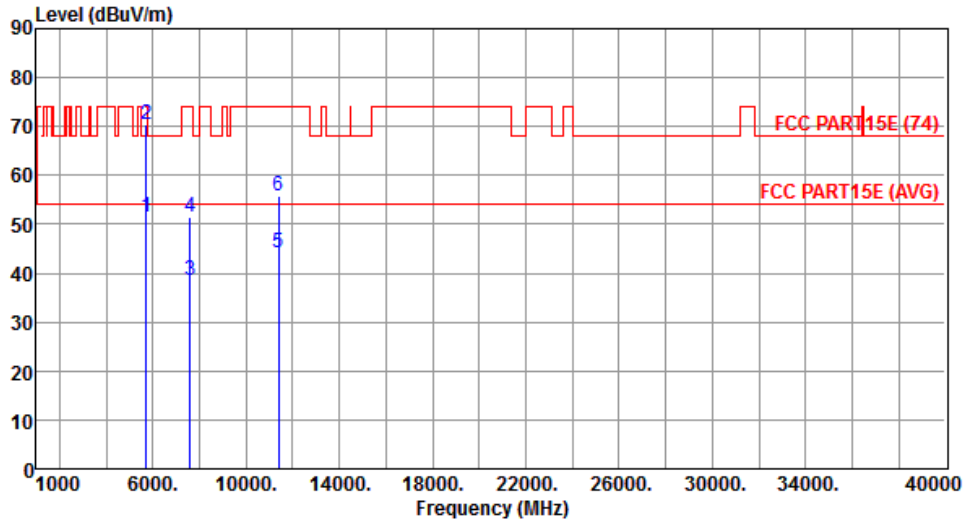
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 49.88 | 54.00 | -4.12 | 44.03 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 66.52 | 74.00 | -7.48 | 60.67 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.44 | 54.00 | -15.56 | 27.84 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.51 | 74.00 | -22.49 | 40.91 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 42.11 | 54.00 | -11.89 | 27.17 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 54.66 | 74.00 | -19.34 | 39.72 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 3 |



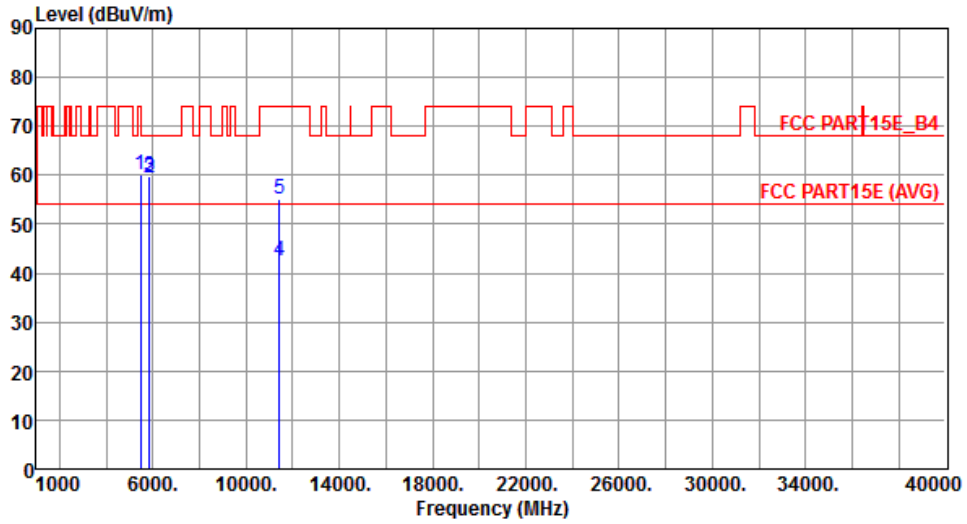
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 51.38 | 54.00 | -2.62 | 45.53 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 70.38 | 74.00 | -3.62 | 64.53 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.45 | 54.00 | -15.55 | 27.85 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.33 | 74.00 | -22.67 | 40.73 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 44.02 | 54.00 | -9.98 | 29.08 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 55.85 | 74.00 | -18.15 | 40.91 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 3 |



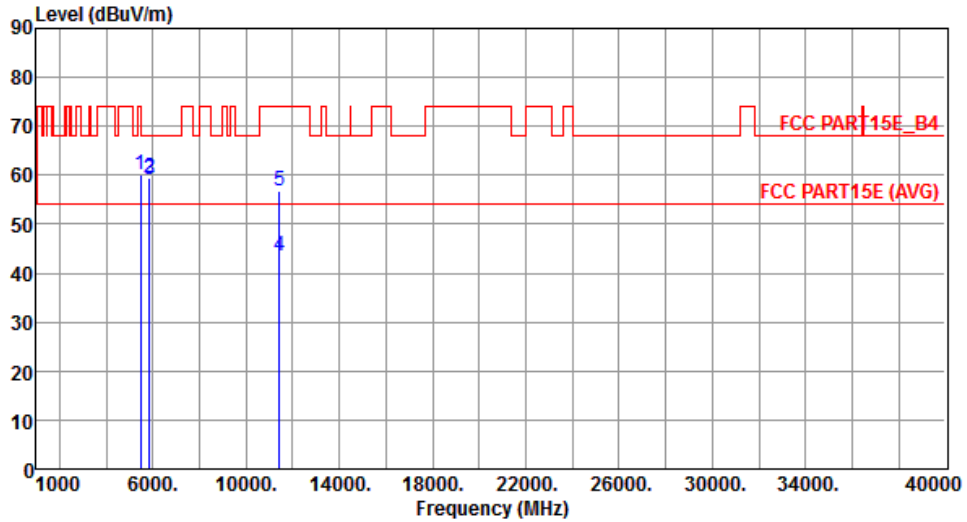
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.01 | 68.20 | -8.19 | 54.11 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.54 | 78.20 | -18.66 | 53.64 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.93 | 68.20 | -8.27 | 54.02 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 42.49 | 54.00 | -11.51 | 27.63 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 55.01 | 74.00 | -18.99 | 40.15 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 3 |



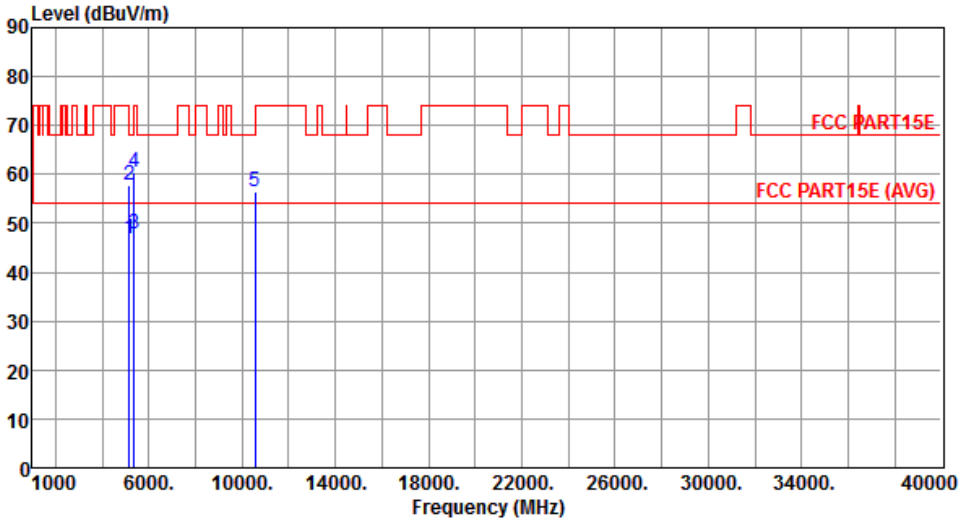
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.15 | 68.20 | -8.05 | 54.25 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.40 | 78.20 | -18.80 | 53.50 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.22 | 68.20 | -8.98 | 53.31 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 43.39 | 54.00 | -10.61 | 28.53 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 56.81 | 74.00 | -17.19 | 41.95 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

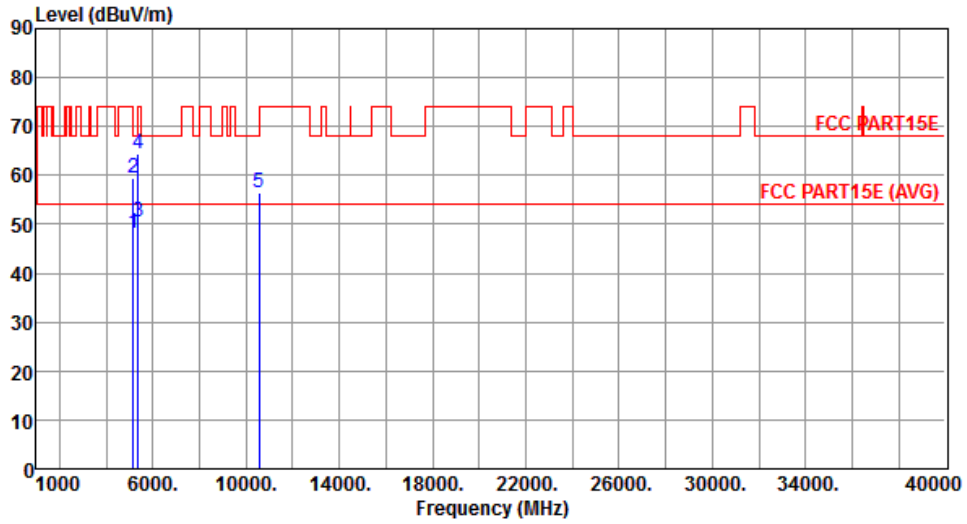
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.20 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>46.72</td> <td>54.00</td> <td>-7.28</td> <td>40.95</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>57.90</td> <td>74.00</td> <td>-16.10</td> <td>52.13</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>47.93</td> <td>54.00</td> <td>-6.07</td> <td>41.99</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>60.46</td> <td>74.00</td> <td>-13.54</td> <td>54.52</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10540.00</td> <td>56.40</td> <td>68.20</td> <td>-11.80</td> <td>40.98</td> <td>15.42</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 46.72 | 54.00 | -7.28 | 40.95 | 5.77 | Average | --- | 2 | 5150.00 | 57.90 | 74.00 | -16.10 | 52.13 | 5.77 | Peak | --- | 3 | 5350.00 | 47.93 | 54.00 | -6.07 | 41.99 | 5.94 | Average | --- | 4 | 5350.00 | 60.46 | 74.00 | -13.54 | 54.52 | 5.94 | Peak | --- | 5 | 10540.00 | 56.40 | 68.20 | -11.80 | 40.98 | 15.42 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 46.72 | 54.00 | -7.28 | 40.95 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 57.90 | 74.00 | -16.10 | 52.13 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 47.93 | 54.00 | -6.07 | 41.99 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 60.46 | 74.00 | -13.54 | 54.52 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10540.00 | 56.40 | 68.20 | -11.80 | 40.98 | 15.42 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 3 |



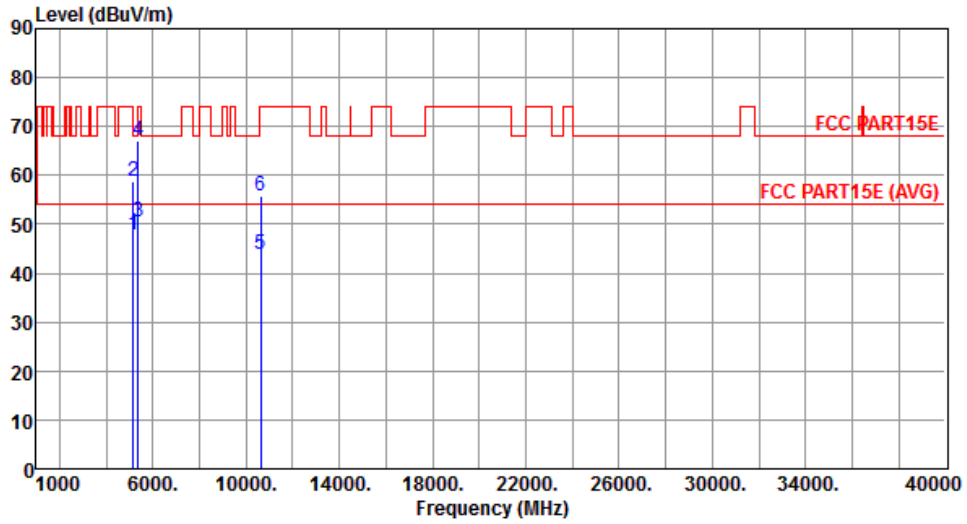
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 48.00 | 54.00 | -6.00 | 42.23 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 59.39 | 74.00 | -14.61 | 53.62 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 50.64 | 54.00 | -3.36 | 44.70 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 64.53 | 74.00 | -9.47 | 58.59 | 5.94 | Peak | --- | --- |
| 5 | 10540.00 | 56.35 | 68.20 | -11.85 | 40.93 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | Test Configuration | 3 |



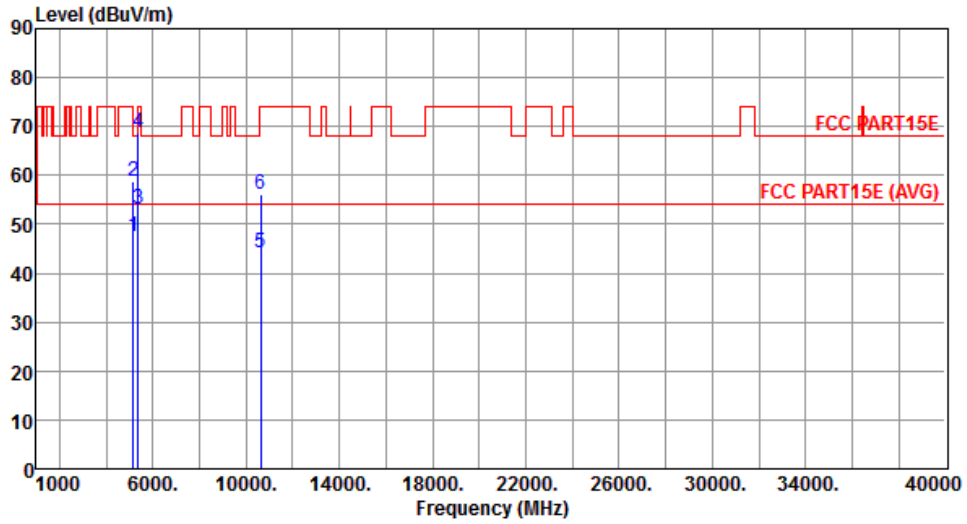
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 47.76 | 54.00 | -6.24 | 41.99 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.62 | 74.00 | -15.38 | 52.85 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 50.49 | 54.00 | -3.51 | 44.55 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 66.94 | 74.00 | -7.06 | 61.00 | 5.94 | Peak | --- | --- |
| 5 | 10620.00 | 43.88 | 54.00 | -10.12 | 28.43 | 15.45 | Average | --- | --- |
| 6 | 10620.00 | 55.73 | 74.00 | -18.27 | 40.28 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | Test Configuration | 3 |



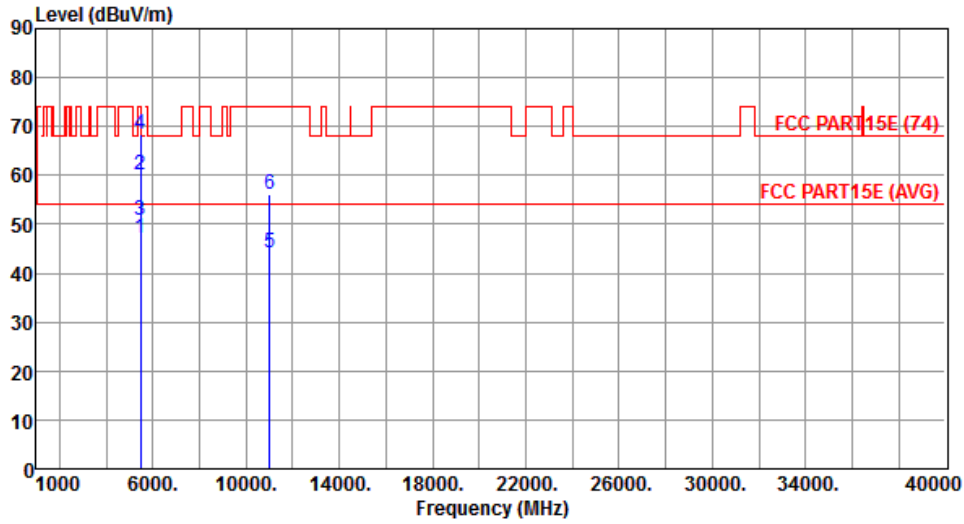
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 47.35 | 54.00 | -6.65 | 41.58 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.62 | 74.00 | -15.38 | 52.85 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 52.97 | 54.00 | -1.03 | 47.03 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 68.63 | 74.00 | -5.37 | 62.69 | 5.94 | Peak | --- | --- |
| 5 | 10620.00 | 44.22 | 54.00 | -9.78 | 28.77 | 15.45 | Average | --- | --- |
| 6 | 10620.00 | 55.96 | 74.00 | -18.04 | 40.51 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | Test Configuration | 3 |



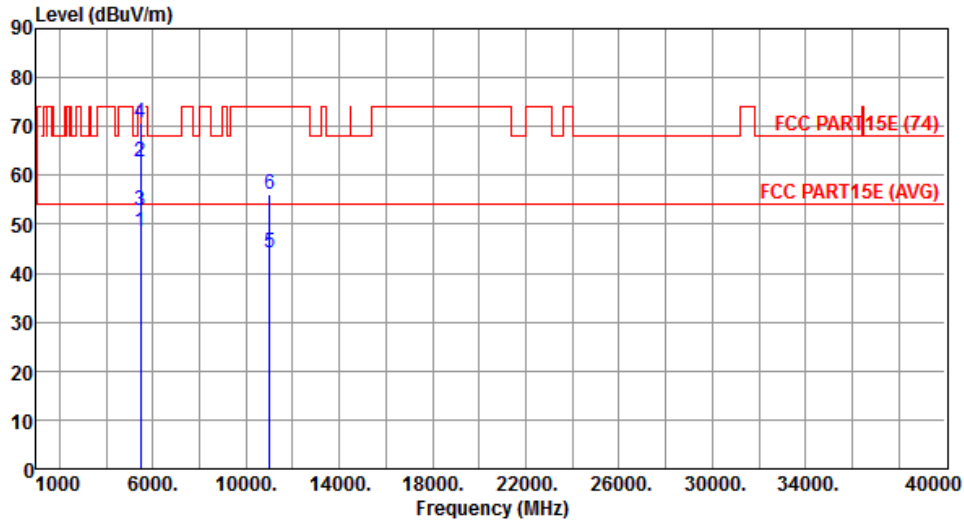
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.11 | 54.00 | -6.89 | 41.19 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 60.06 | 74.00 | -13.94 | 54.14 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 50.84 | 54.00 | -3.16 | 44.94 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 68.34 | 74.00 | -5.66 | 62.44 | 5.90 | Peak | --- | --- |
| 5 | 11020.00 | 44.03 | 54.00 | -9.97 | 28.43 | 15.60 | Average | --- | --- |
| 6 | 11020.00 | 56.19 | 74.00 | -17.81 | 40.59 | 15.60 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Vertical | Test Configuration | 3 |



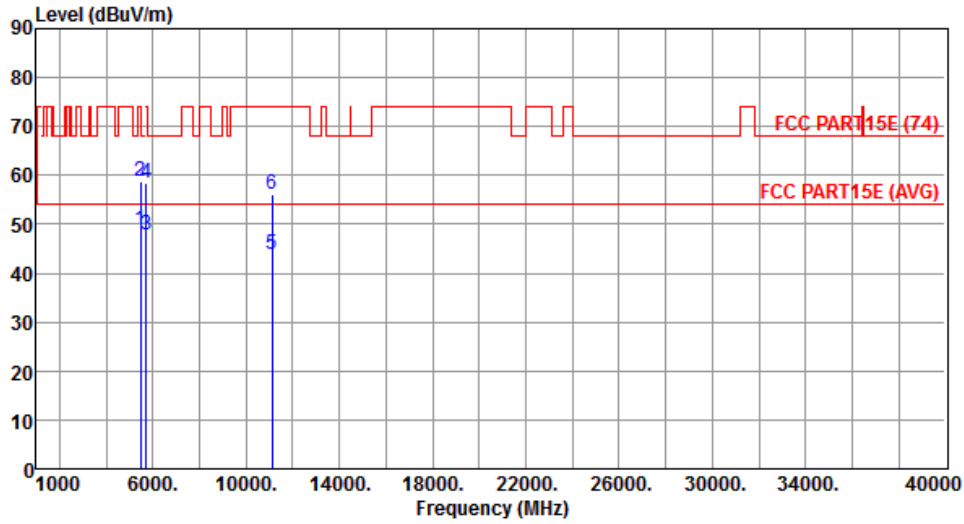
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.57 | 54.00 | -5.43 | 42.65 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 62.81 | 74.00 | -11.19 | 56.89 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 52.77 | 54.00 | -1.23 | 46.87 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 70.90 | 74.00 | -3.10 | 65.00 | 5.90 | Peak | --- | --- |
| 5 | 11020.00 | 44.02 | 54.00 | -9.98 | 28.42 | 15.60 | Average | --- | --- |
| 6 | 11020.00 | 55.98 | 74.00 | -18.02 | 40.38 | 15.60 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Horizontal | Test Configuration | 3 |



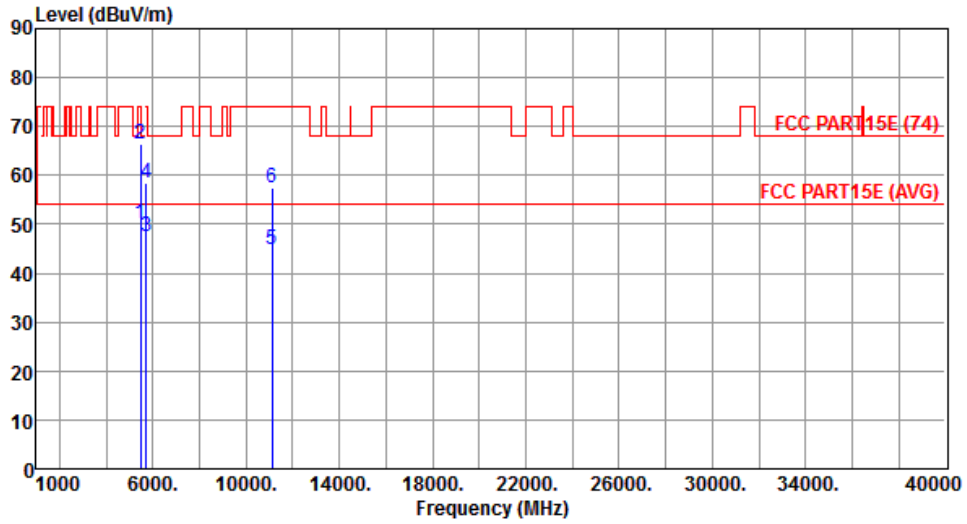
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 48.89 | 54.00 | -5.11 | 42.99 | 5.90 | Average | --- | --- |
| 2 | 5470.00 | 58.80 | 74.00 | -15.20 | 52.90 | 5.90 | Peak | --- | --- |
| 3 | 5725.00 | 47.70 | 54.00 | -6.30 | 41.85 | 5.85 | Average | --- | --- |
| 4 | 5725.00 | 58.40 | 74.00 | -15.60 | 52.55 | 5.85 | Peak | --- | --- |
| 5 | 11100.00 | 43.82 | 54.00 | -10.18 | 28.37 | 15.45 | Average | --- | --- |
| 6 | 11100.00 | 55.97 | 74.00 | -18.03 | 40.52 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Vertical | Test Configuration | 3 |



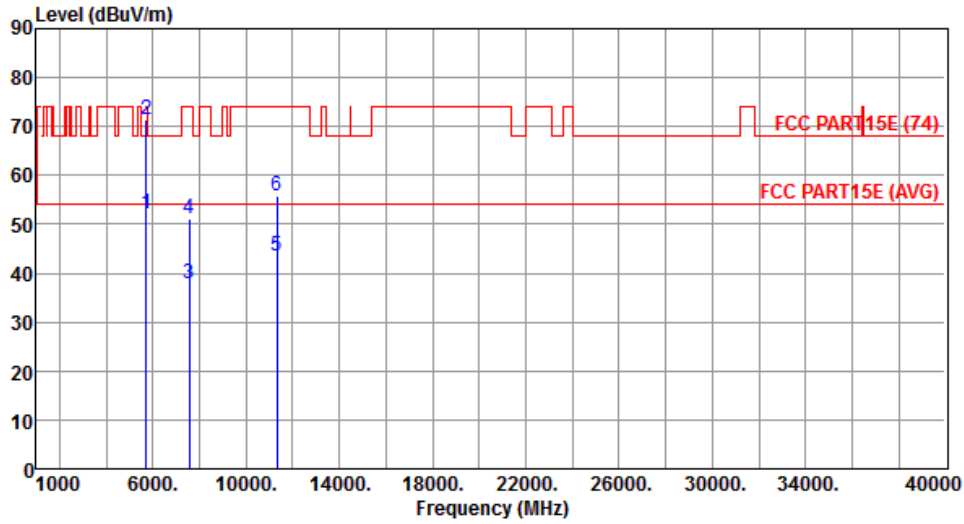
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 50.21 | 54.00 | -3.79 | 44.31 | 5.90 | Average | --- | --- |
| 2 | 5470.00 | 66.50 | 74.00 | -7.50 | 60.60 | 5.90 | Peak | --- | --- |
| 3 | 5725.00 | 47.43 | 54.00 | -6.57 | 41.58 | 5.85 | Average | --- | --- |
| 4 | 5725.00 | 58.59 | 74.00 | -15.41 | 52.74 | 5.85 | Peak | --- | --- |
| 5 | 11100.00 | 44.85 | 54.00 | -9.15 | 29.40 | 15.45 | Average | --- | --- |
| 6 | 11100.00 | 57.45 | 74.00 | -16.55 | 42.00 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | Test Configuration | 3 |



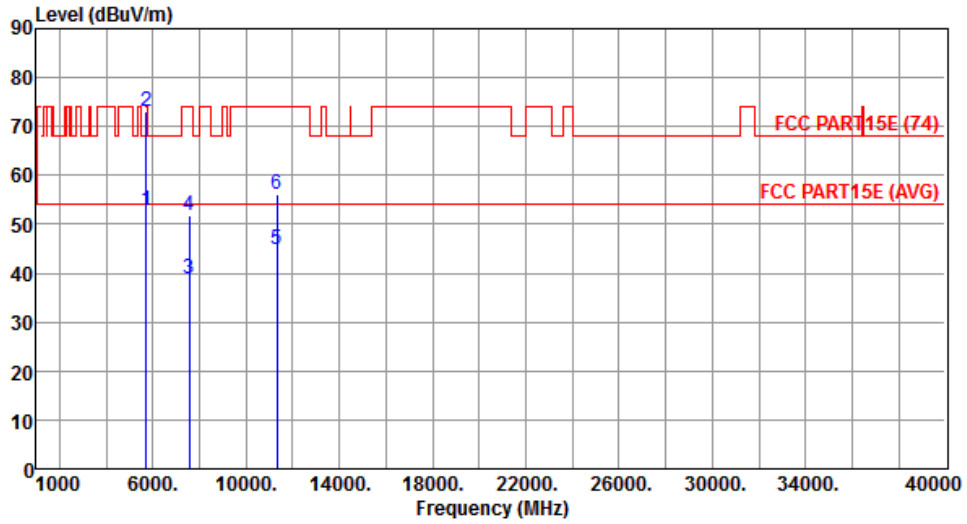
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.00 | 54.00 | -2.00 | 46.15 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 71.55 | 74.00 | -2.45 | 65.70 | 5.85 | Peak | --- | --- |
| 3 | 7560.00 | 37.92 | 54.00 | -16.08 | 27.51 | 10.41 | Average | --- | --- |
| 4 | 7560.00 | 51.25 | 74.00 | -22.75 | 40.84 | 10.41 | Peak | --- | --- |
| 5 | 11340.00 | 43.59 | 54.00 | -10.41 | 28.55 | 15.04 | Average | --- | --- |
| 6 | 11340.00 | 55.89 | 74.00 | -18.11 | 40.85 | 15.04 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Vertical | Test Configuration | 3 |



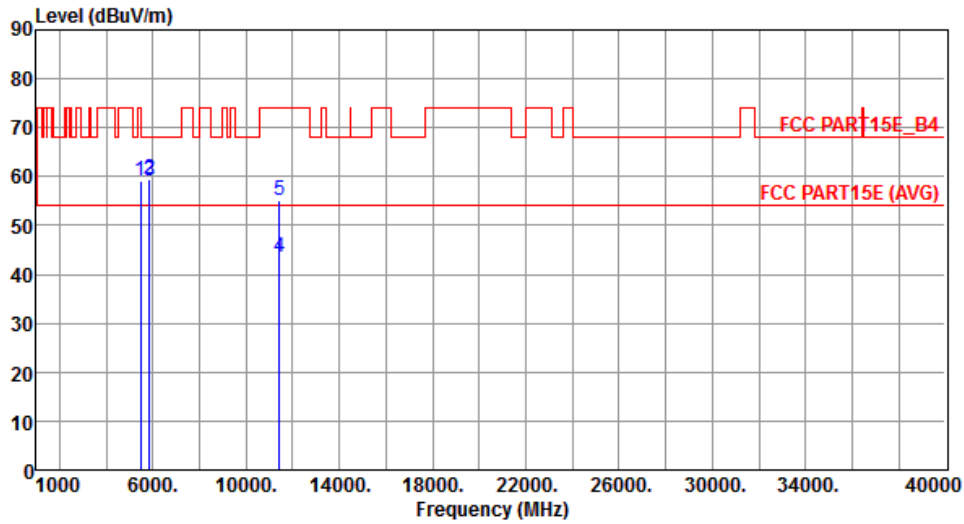
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.89 | 54.00 | -1.11 | 47.04 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.96 | 74.00 | -1.04 | 67.11 | 5.85 | Peak | --- | --- |
| 3 | 7560.00 | 38.98 | 54.00 | -15.02 | 28.57 | 10.41 | Average | --- | --- |
| 4 | 7560.00 | 51.81 | 74.00 | -22.19 | 41.40 | 10.41 | Peak | --- | --- |
| 5 | 11340.00 | 44.85 | 54.00 | -9.15 | 29.81 | 15.04 | Average | --- | --- |
| 6 | 11340.00 | 56.22 | 74.00 | -17.78 | 41.18 | 15.04 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Horizontal | Test Configuration | 3 |



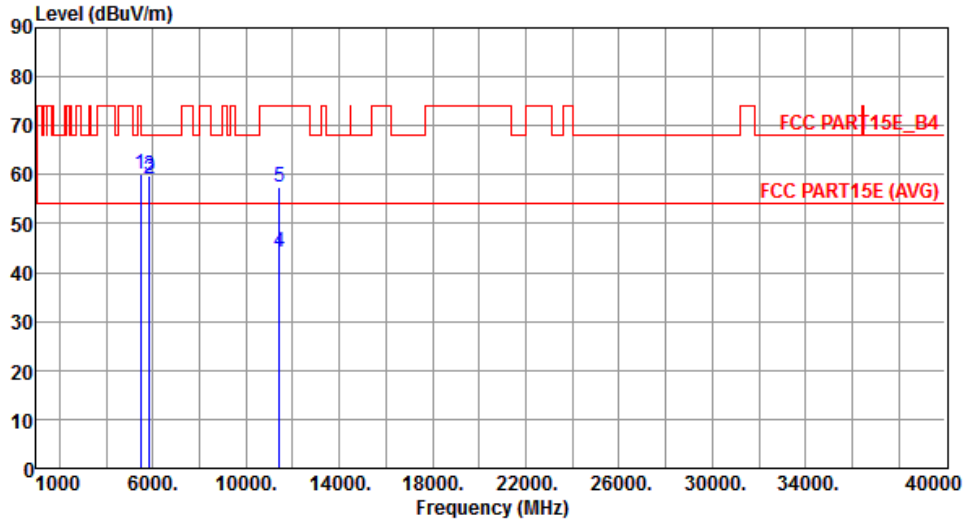
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.09 | 68.20 | -9.11 | 53.19 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.31 | 78.20 | -18.89 | 53.41 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.09 | 68.20 | -9.11 | 53.18 | 5.91 | Peak | --- | --- |
| 4 | 11420.00 | 43.46 | 54.00 | -10.54 | 28.56 | 14.90 | Average | --- | --- |
| 5 | 11420.00 | 55.29 | 74.00 | -18.71 | 40.39 | 14.90 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | Test Configuration | 3 |



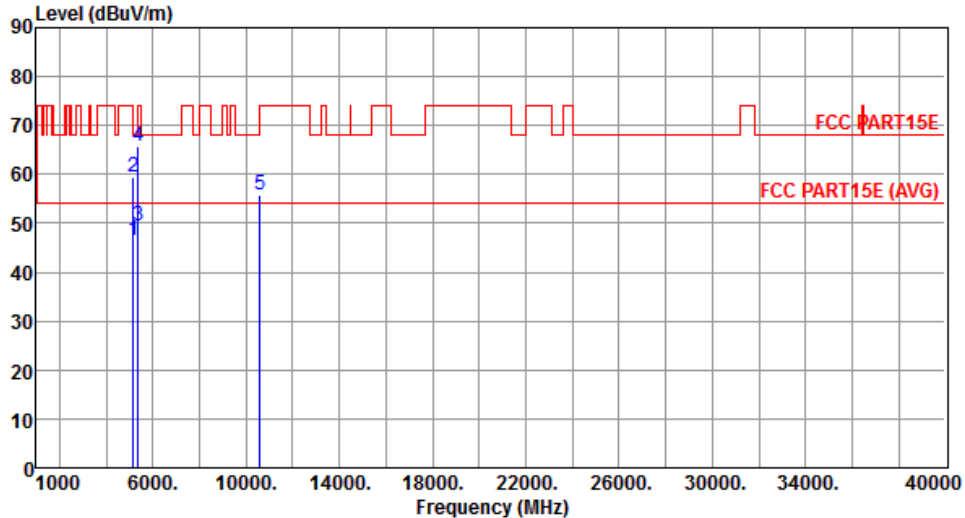
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.25 | 68.20 | -7.95 | 54.35 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.01 | 78.20 | -19.19 | 53.11 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.70 | 68.20 | -8.50 | 53.79 | 5.91 | Peak | --- | --- |
| 4 | 11420.00 | 44.21 | 54.00 | -9.79 | 29.31 | 14.90 | Average | --- | --- |
| 5 | 11420.00 | 57.32 | 74.00 | -16.68 | 42.42 | 14.90 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

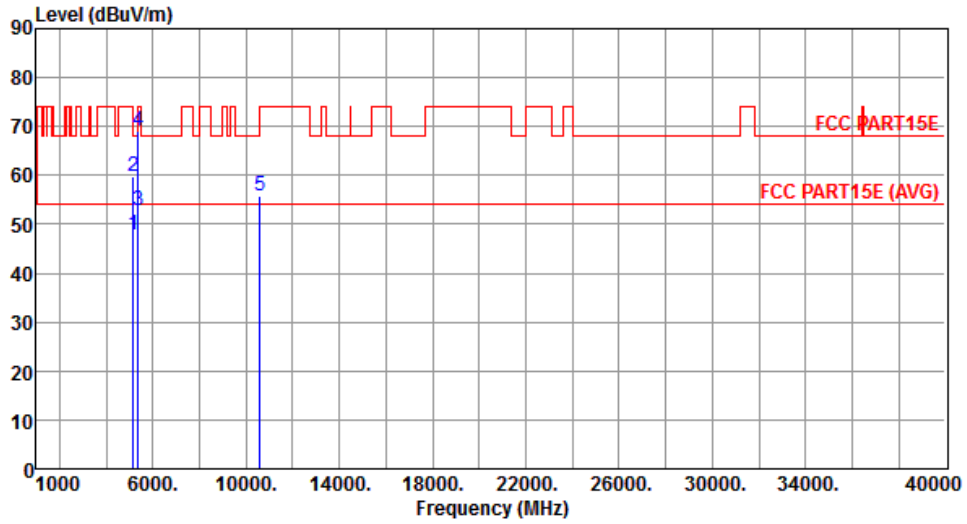
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.21 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

| Modulation | VHT80 | Test Freq. (MHz) | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|-------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>46.62</td> <td>54.00</td> <td>-7.38</td> <td>40.85</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>59.54</td> <td>74.00</td> <td>-14.46</td> <td>53.77</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>49.59</td> <td>54.00</td> <td>-4.41</td> <td>43.65</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>65.82</td> <td>74.00</td> <td>-8.18</td> <td>59.88</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10580.00</td> <td>55.90</td> <td>68.20</td> <td>-12.30</td> <td>40.48</td> <td>15.42</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 46.62 | 54.00 | -7.38 | 40.85 | 5.77 | Average | --- | 2 | 5150.00 | 59.54 | 74.00 | -14.46 | 53.77 | 5.77 | Peak | --- | 3 | 5350.00 | 49.59 | 54.00 | -4.41 | 43.65 | 5.94 | Average | --- | 4 | 5350.00 | 65.82 | 74.00 | -8.18 | 59.88 | 5.94 | Peak | --- | 5 | 10580.00 | 55.90 | 68.20 | -12.30 | 40.48 | 15.42 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 46.62 | 54.00 | -7.38 | 40.85 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 59.54 | 74.00 | -14.46 | 53.77 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 49.59 | 54.00 | -4.41 | 43.65 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 65.82 | 74.00 | -8.18 | 59.88 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10580.00 | 55.90 | 68.20 | -12.30 | 40.48 | 15.42 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5290 |
| Polarization | Vertical | Test Configuration | 3 |



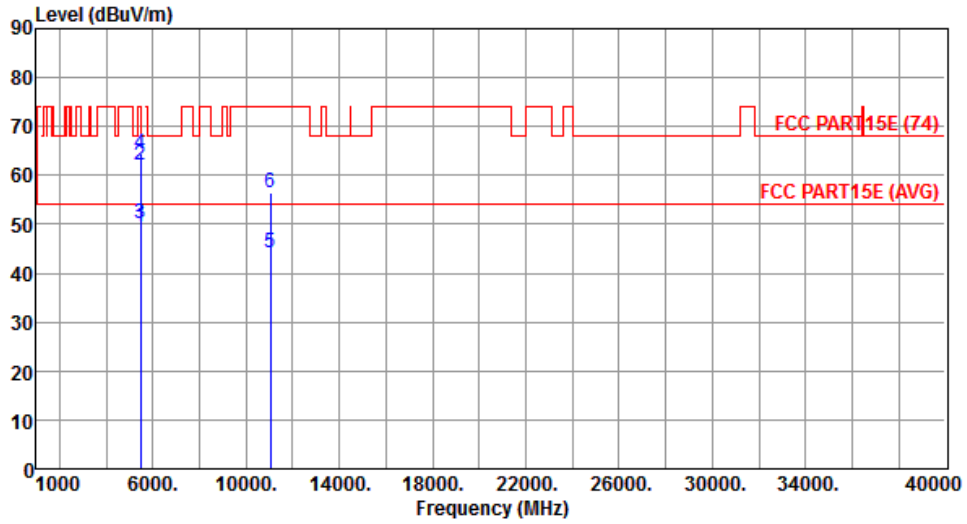
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 47.77 | 54.00 | -6.23 | 42.00 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 59.69 | 74.00 | -14.31 | 53.92 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 52.72 | 54.00 | -1.28 | 46.78 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 68.96 | 74.00 | -5.04 | 63.02 | 5.94 | Peak | --- | --- |
| 5 | 10580.00 | 55.81 | 68.20 | -12.39 | 40.39 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Horizontal | Test Configuration | 3 |



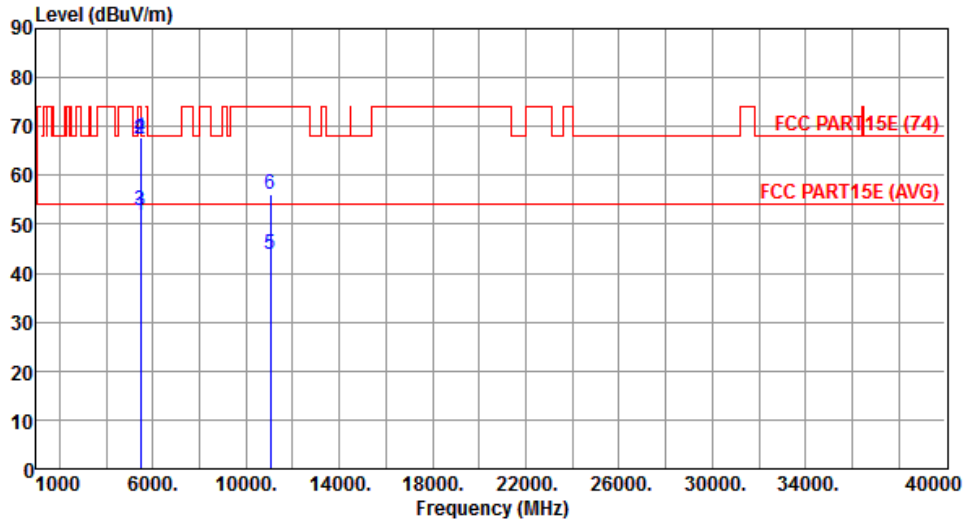
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 49.59 | 54.00 | -4.41 | 43.67 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 62.17 | 74.00 | -11.83 | 56.25 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 50.21 | 54.00 | -3.79 | 44.31 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 64.53 | 74.00 | -9.47 | 58.63 | 5.90 | Peak | --- | --- |
| 5 | 11060.00 | 44.14 | 54.00 | -9.86 | 28.61 | 15.53 | Average | --- | --- |
| 6 | 11060.00 | 56.46 | 74.00 | -17.54 | 40.93 | 15.53 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Vertical | Test Configuration | 3 |



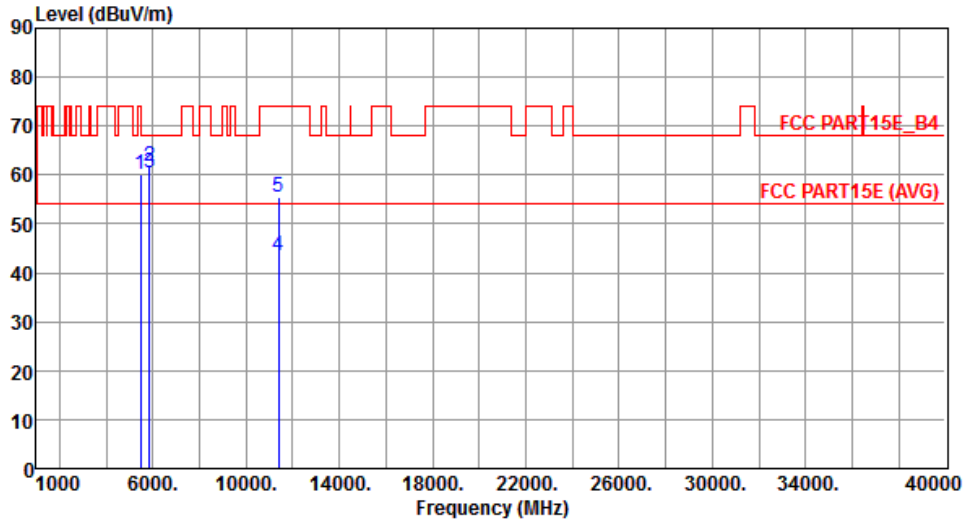
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 51.87 | 54.00 | -2.13 | 45.95 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 67.57 | 74.00 | -6.43 | 61.65 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 52.73 | 54.00 | -1.27 | 46.83 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 67.83 | 74.00 | -6.17 | 61.93 | 5.90 | Peak | --- | --- |
| 5 | 11060.00 | 43.96 | 54.00 | -10.04 | 28.43 | 15.53 | Average | --- | --- |
| 6 | 11060.00 | 56.06 | 74.00 | -17.94 | 40.53 | 15.53 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Horizontal | Test Configuration | 3 |



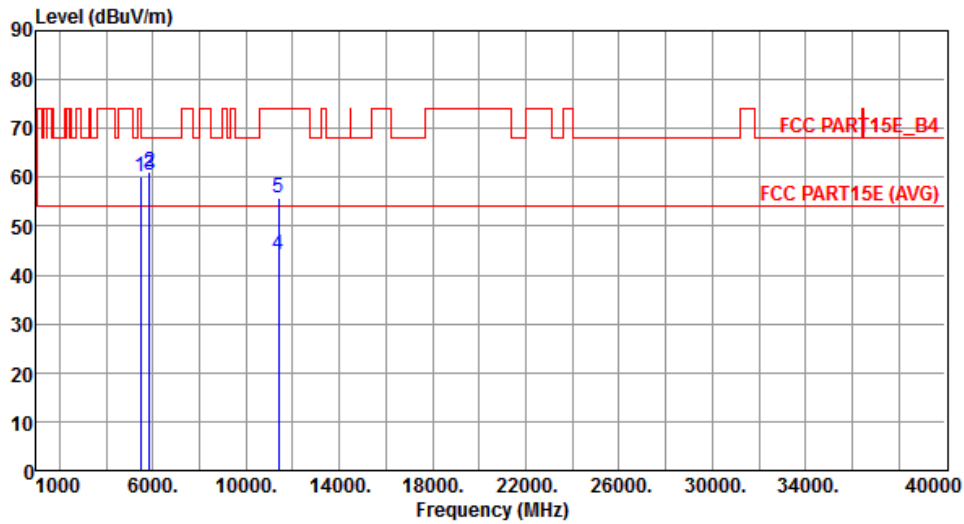
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.12 | 68.20 | -8.08 | 54.22 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 61.88 | 78.20 | -16.32 | 55.98 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 60.47 | 68.20 | -7.73 | 54.56 | 5.91 | Peak | --- | --- |
| 4 | 11380.00 | 43.50 | 54.00 | -10.50 | 28.54 | 14.96 | Average | --- | --- |
| 5 | 11380.00 | 55.61 | 74.00 | -18.39 | 40.65 | 14.96 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Vertical | Test Configuration | 3 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.96 | 68.20 | -8.24 | 54.06 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 61.25 | 78.20 | -16.95 | 55.35 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 60.52 | 68.20 | -7.68 | 54.61 | 5.91 | Peak | --- | --- |
| 4 | 11380.00 | 44.28 | 54.00 | -9.72 | 29.32 | 14.96 | Average | --- | --- |
| 5 | 11380.00 | 55.79 | 74.00 | -18.21 | 40.83 | 14.96 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

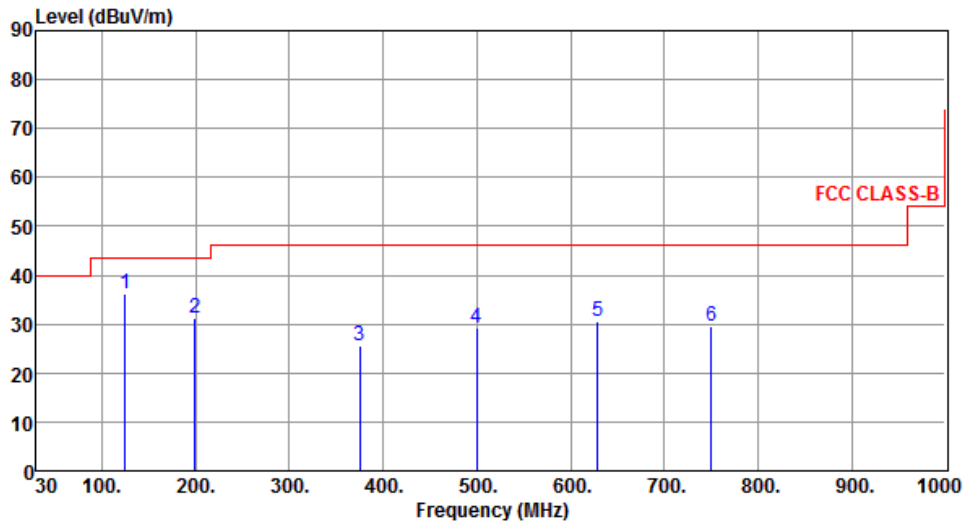
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

(Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

3.5.22 Transmitter Radiated Unwanted Emissions (Below 1GHz)_Adapter mode

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Horizontal | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 125.14 | 36.07 | 43.50 | -7.43 | 54.69 | -18.62 | Peak | --- | --- |
| 2 | 198.86 | 31.26 | 43.50 | -12.24 | 50.43 | -19.17 | Peak | --- | --- |
| 3 | 375.47 | 25.73 | 46.00 | -20.27 | 39.96 | -14.23 | Peak | --- | --- |
| 4 | 500.26 | 29.06 | 46.00 | -16.94 | 40.48 | -11.42 | Peak | --- | --- |
| 5 | 628.53 | 30.46 | 46.00 | -15.54 | 39.63 | -9.17 | Peak | --- | --- |
| 6 | 750.42 | 29.58 | 46.00 | -16.42 | 36.64 | -7.06 | Peak | --- | --- |

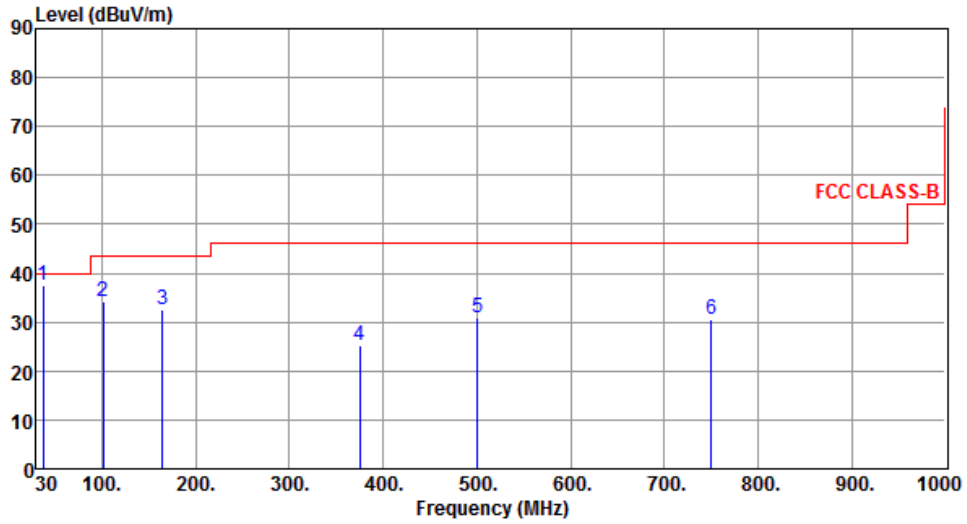
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 37.66 | 37.46 | 40.00 | -2.54 | 54.52 | -17.06 | Peak | --- | --- |
| 2 | 101.54 | 34.13 | 43.50 | -9.37 | 55.61 | -21.48 | Peak | --- | --- |
| 3 | 164.72 | 32.65 | 43.50 | -10.85 | 49.52 | -16.87 | Peak | --- | --- |
| 4 | 375.26 | 25.24 | 46.00 | -20.76 | 39.47 | -14.23 | Peak | --- | --- |
| 5 | 500.42 | 30.87 | 46.00 | -15.13 | 42.28 | -11.41 | Peak | --- | --- |
| 6 | 750.61 | 30.48 | 46.00 | -15.52 | 37.54 | -7.06 | Peak | --- | --- |

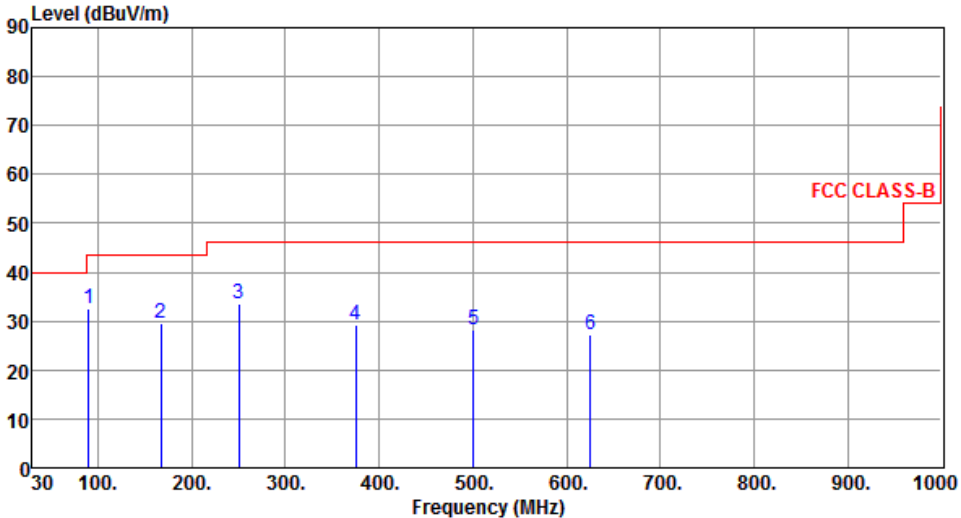
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

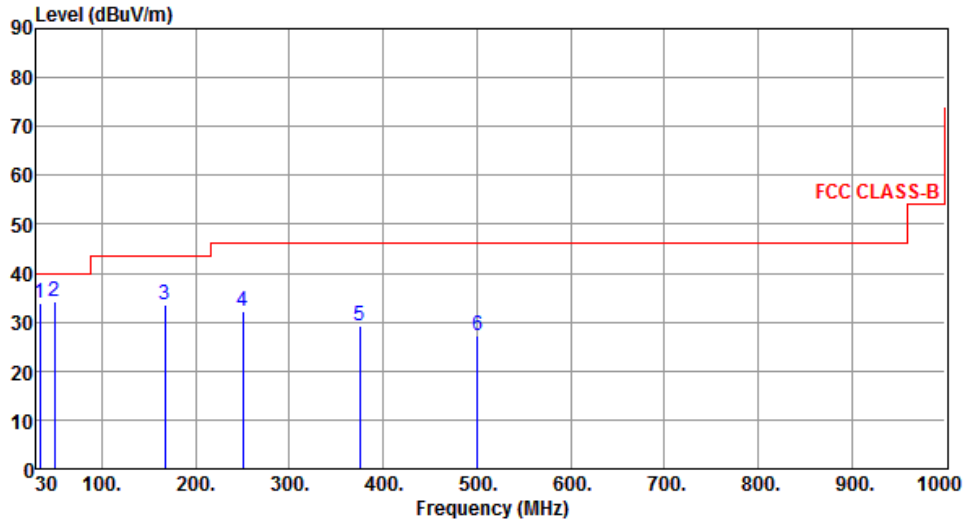
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.23 Transmitter Radiated Unwanted Emissions (Below 1GHz)_POE mode

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------------|----------------|------------|--------|------------|-------------|----------------|-------------|----------------|-----|--------|--------|----|------|----|--|--|--|---|-------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|--------|------|-----|---|--------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High cm</th> <th>Turn Table deg</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>89.85</td> <td>32.47</td> <td>43.50</td> <td>-11.03</td> <td>55.42</td> <td>-22.95</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>2</td> <td>167.53</td> <td>29.46</td> <td>43.50</td> <td>-14.04</td> <td>46.38</td> <td>-16.92</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>250.30</td> <td>33.50</td> <td>46.00</td> <td>-12.50</td> <td>51.24</td> <td>-17.74</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>4</td> <td>375.46</td> <td>29.08</td> <td>46.00</td> <td>-16.92</td> <td>43.31</td> <td>-14.23</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>500.36</td> <td>28.22</td> <td>46.00</td> <td>-17.78</td> <td>39.63</td> <td>-11.41</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>6</td> <td>625.26</td> <td>27.12</td> <td>46.00</td> <td>-18.88</td> <td>36.33</td> <td>-9.21</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | | | 1 | 89.85 | 32.47 | 43.50 | -11.03 | 55.42 | -22.95 | Peak | --- | 2 | 167.53 | 29.46 | 43.50 | -14.04 | 46.38 | -16.92 | Peak | --- | 3 | 250.30 | 33.50 | 46.00 | -12.50 | 51.24 | -17.74 | Peak | --- | 4 | 375.46 | 29.08 | 46.00 | -16.92 | 43.31 | -14.23 | Peak | --- | 5 | 500.36 | 28.22 | 46.00 | -17.78 | 39.63 | -11.41 | Peak | --- | 6 | 625.26 | 27.12 | 46.00 | -18.88 | 36.33 | -9.21 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High cm | Turn Table deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 89.85 | 32.47 | 43.50 | -11.03 | 55.42 | -22.95 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 167.53 | 29.46 | 43.50 | -14.04 | 46.38 | -16.92 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 250.30 | 33.50 | 46.00 | -12.50 | 51.24 | -17.74 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 375.46 | 29.08 | 46.00 | -16.92 | 43.31 | -14.23 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 500.36 | 28.22 | 46.00 | -17.78 | 39.63 | -11.41 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 625.26 | 27.12 | 46.00 | -18.88 | 36.33 | -9.21 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 8 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|--------|-------------------|----------------------|
| 1 | 33.60 | 33.74 | 40.00 | -6.26 | 51.13 | -17.39 | Peak | --- | --- |
| 2 | 49.68 | 34.15 | 40.00 | -5.85 | 50.55 | -16.40 | Peak | --- | --- |
| 3 | 167.56 | 33.50 | 43.50 | -10.00 | 50.42 | -16.92 | Peak | --- | --- |
| 4 | 250.26 | 32.22 | 46.00 | -13.78 | 49.96 | -17.74 | Peak | --- | --- |
| 5 | 375.38 | 29.08 | 46.00 | -16.92 | 43.31 | -14.23 | Peak | --- | --- |
| 6 | 500.33 | 27.10 | 46.00 | -18.90 | 38.51 | -11.41 | Peak | --- | --- |

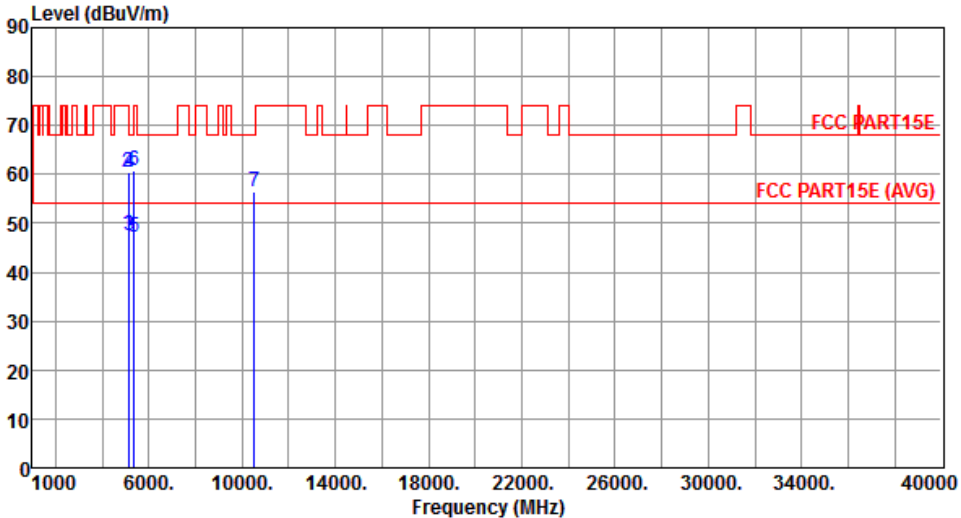
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

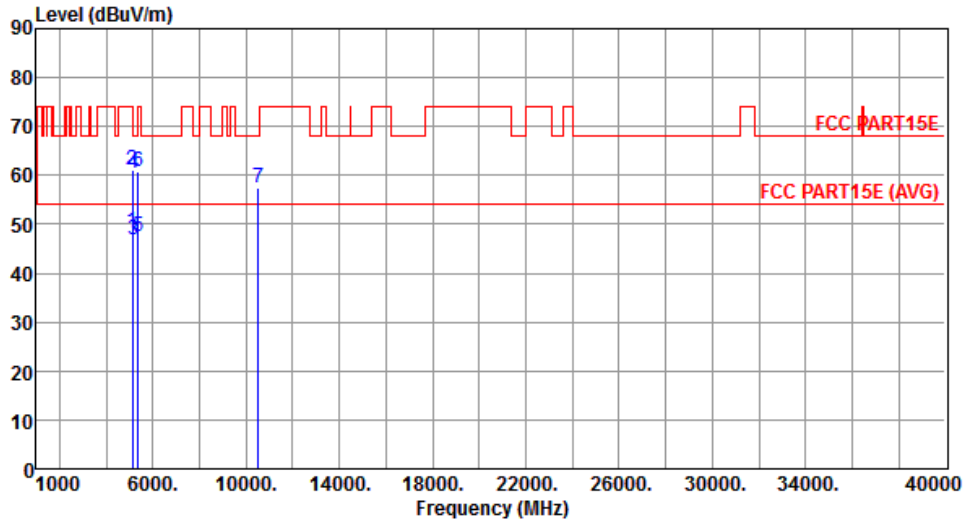
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

3.5.24 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11a

| Modulation | 11a | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|--|--|--|--|
| Polarization | Horizontal | Test Configuration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5106.00</td> <td>47.81</td> <td>54.00</td> <td>-6.19</td> <td>42.10</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5106.00</td> <td>60.50</td> <td>74.00</td> <td>-13.50</td> <td>54.79</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5150.00</td> <td>47.55</td> <td>54.00</td> <td>-6.45</td> <td>41.78</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5150.00</td> <td>60.49</td> <td>74.00</td> <td>-13.51</td> <td>54.72</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>5350.00</td> <td>47.15</td> <td>54.00</td> <td>-6.85</td> <td>41.21</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>6</td> <td>5350.00</td> <td>60.87</td> <td>74.00</td> <td>-13.13</td> <td>54.93</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>7</td> <td>10520.00</td> <td>56.40</td> <td>68.20</td> <td>-11.80</td> <td>41.00</td> <td>15.40</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5106.00 | 47.81 | 54.00 | -6.19 | 42.10 | 5.71 | Average | --- | 2 | 5106.00 | 60.50 | 74.00 | -13.50 | 54.79 | 5.71 | Peak | --- | 3 | 5150.00 | 47.55 | 54.00 | -6.45 | 41.78 | 5.77 | Average | --- | 4 | 5150.00 | 60.49 | 74.00 | -13.51 | 54.72 | 5.77 | Peak | --- | 5 | 5350.00 | 47.15 | 54.00 | -6.85 | 41.21 | 5.94 | Average | --- | 6 | 5350.00 | 60.87 | 74.00 | -13.13 | 54.93 | 5.94 | Peak | --- | 7 | 10520.00 | 56.40 | 68.20 | -11.80 | 41.00 | 15.40 | Peak | --- | | | | | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5106.00 | 47.81 | 54.00 | -6.19 | 42.10 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5106.00 | 60.50 | 74.00 | -13.50 | 54.79 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5150.00 | 47.55 | 54.00 | -6.45 | 41.78 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5150.00 | 60.49 | 74.00 | -13.51 | 54.72 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5350.00 | 47.15 | 54.00 | -6.85 | 41.21 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 5350.00 | 60.87 | 74.00 | -13.13 | 54.93 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 10520.00 | 56.40 | 68.20 | -11.80 | 41.00 | 15.40 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 4 |



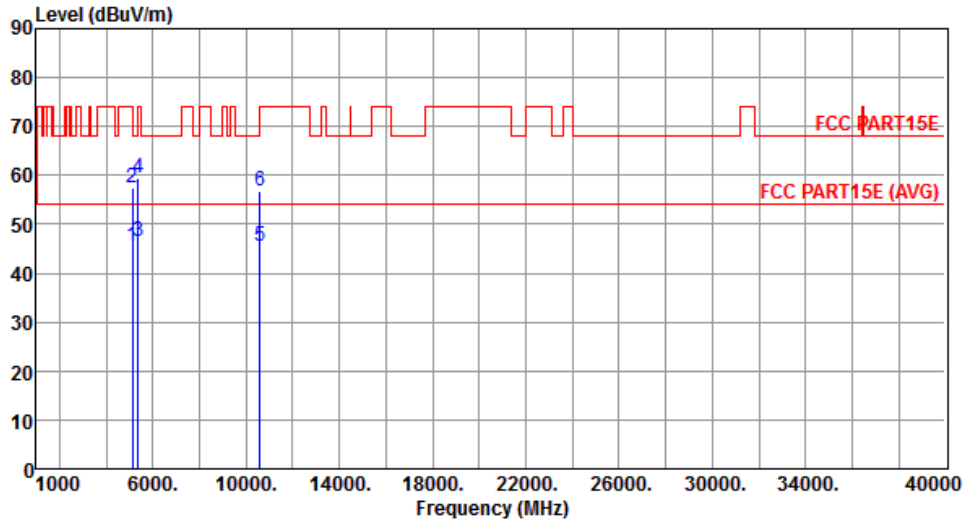
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5106.00 | 48.39 | 54.00 | -5.61 | 42.68 | 5.71 | Average | --- | --- |
| 2 | 5106.00 | 61.11 | 74.00 | -12.89 | 55.40 | 5.71 | Peak | --- | --- |
| 3 | 5150.00 | 46.95 | 54.00 | -7.05 | 41.18 | 5.77 | Average | --- | --- |
| 4 | 5150.00 | 60.56 | 74.00 | -13.44 | 54.79 | 5.77 | Peak | --- | --- |
| 5 | 5350.00 | 47.37 | 54.00 | -6.63 | 41.43 | 5.94 | Average | --- | --- |
| 6 | 5350.00 | 60.66 | 74.00 | -13.34 | 54.72 | 5.94 | Peak | --- | --- |
| 7 | 10520.00 | 57.42 | 68.20 | -10.78 | 42.02 | 15.40 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 4 |



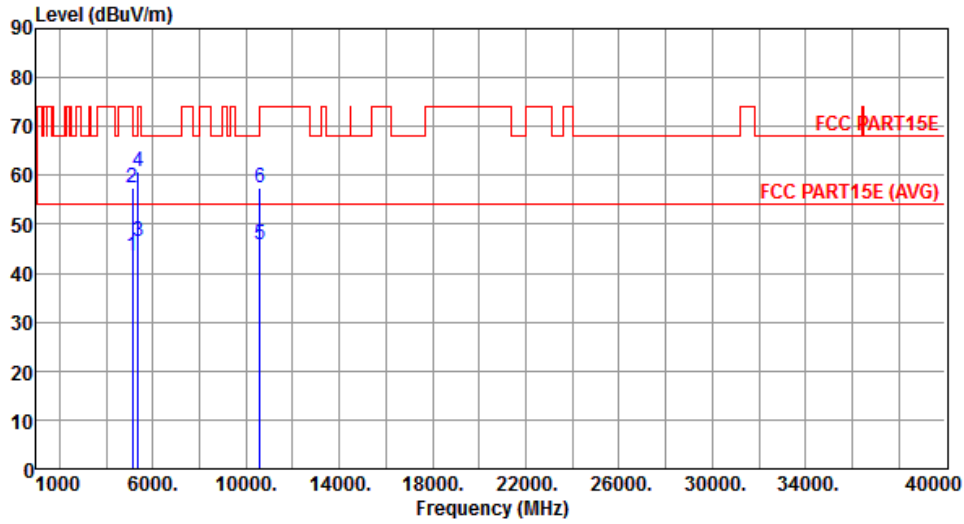
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5120.00 | 45.46 | 54.00 | -8.54 | 39.73 | 5.73 | Average | --- | --- |
| 2 | 5120.00 | 57.35 | 74.00 | -16.65 | 51.62 | 5.73 | Peak | --- | --- |
| 3 | 5350.00 | 46.36 | 54.00 | -7.64 | 40.42 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 59.38 | 74.00 | -14.62 | 53.44 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 45.51 | 54.00 | -8.49 | 30.07 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 56.85 | 74.00 | -17.15 | 41.41 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 4 |



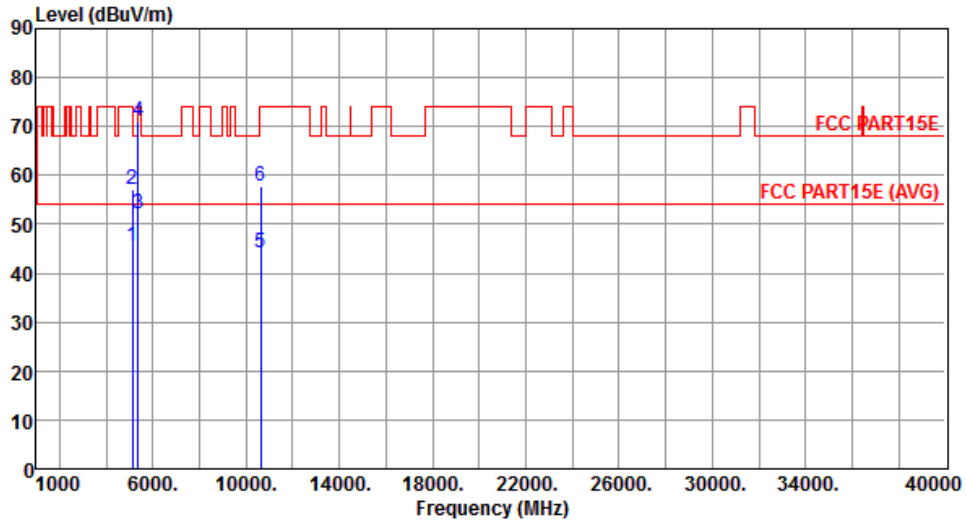
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5120.00 | 43.67 | 54.00 | -10.33 | 37.94 | 5.73 | Average | --- | --- |
| 2 | 5120.00 | 57.54 | 74.00 | -16.46 | 51.81 | 5.73 | Peak | --- | --- |
| 3 | 5350.00 | 46.38 | 54.00 | -7.62 | 40.44 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 60.66 | 74.00 | -13.34 | 54.72 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 45.98 | 54.00 | -8.02 | 30.54 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 57.59 | 74.00 | -16.41 | 42.15 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

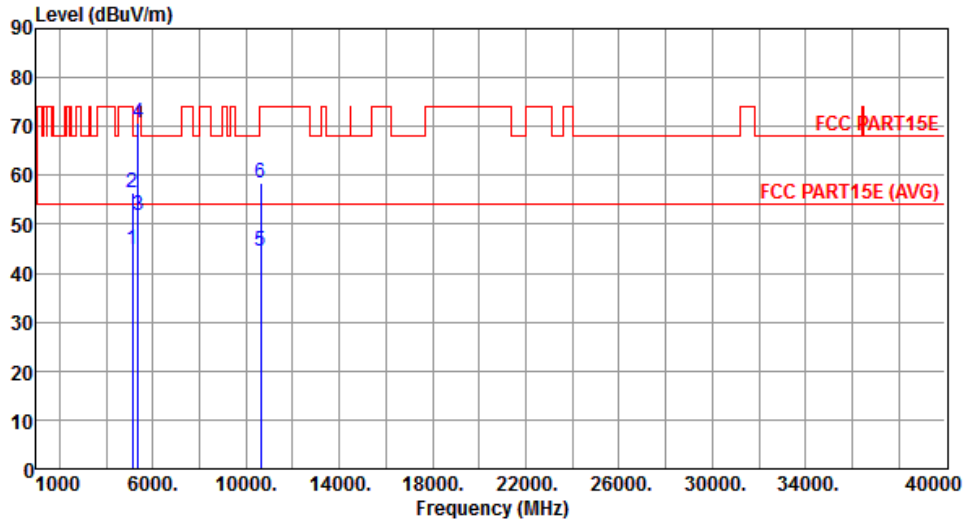
| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 45.39 | 54.00 | -8.61 | 39.64 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 56.98 | 74.00 | -17.02 | 51.23 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 52.15 | 54.00 | -1.85 | 46.21 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 71.23 | 74.00 | -2.77 | 65.29 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 44.19 | 54.00 | -9.81 | 28.72 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 57.92 | 74.00 | -16.08 | 42.45 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 4 |



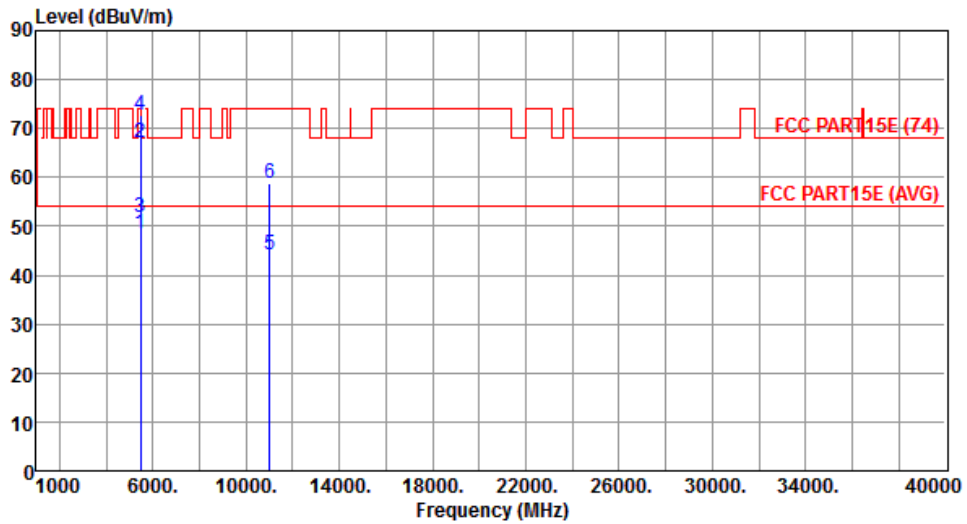
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 44.79 | 54.00 | -9.21 | 39.04 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 56.51 | 74.00 | -17.49 | 50.76 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 51.79 | 54.00 | -2.21 | 45.85 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 70.64 | 74.00 | -3.36 | 64.70 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 44.58 | 54.00 | -9.42 | 29.11 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 58.43 | 74.00 | -15.57 | 42.96 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 4 |



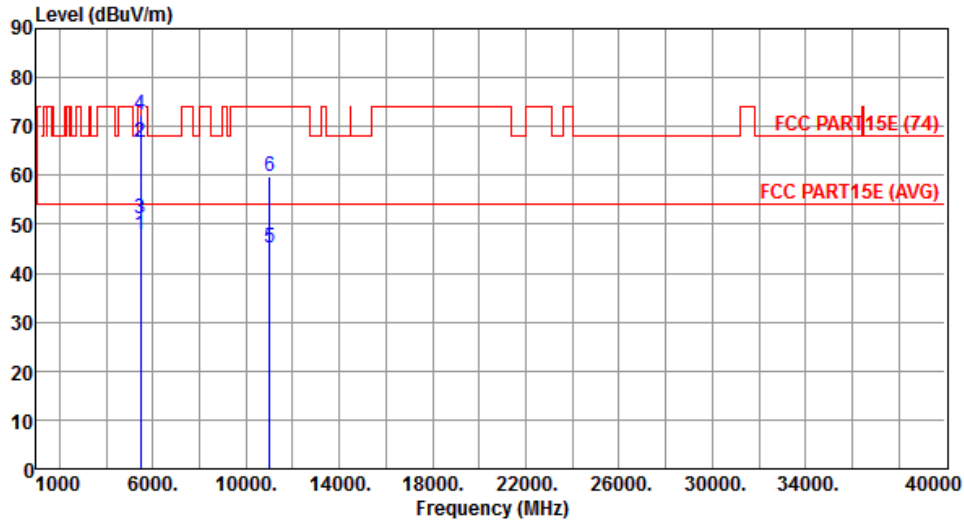
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.32 | 54.00 | -5.68 | 42.40 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 67.08 | 74.00 | -6.92 | 61.16 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 51.76 | 54.00 | -2.24 | 45.86 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 72.73 | 74.00 | -1.27 | 66.83 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 44.30 | 54.00 | -9.70 | 28.67 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 58.78 | 74.00 | -15.22 | 43.15 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 4 |



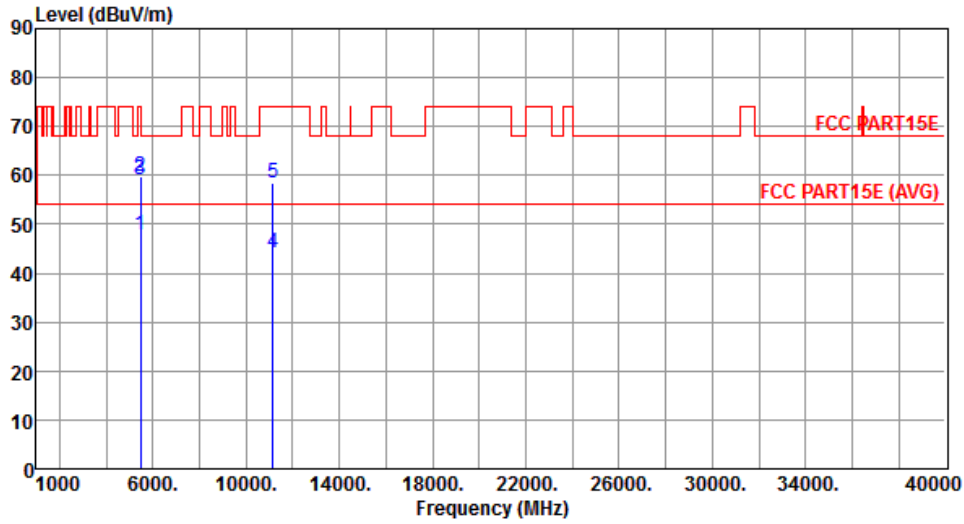
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-----------|---------|-------------|----------------|
| 1 | 5460.00 | 47.95 | 54.00 | -6.05 | 42.03 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 66.72 | 74.00 | -7.28 | 60.80 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 51.21 | 54.00 | -2.79 | 45.31 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 72.43 | 74.00 | -1.57 | 66.53 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 45.11 | 54.00 | -8.89 | 29.48 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 59.69 | 74.00 | -14.31 | 44.06 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 4 |



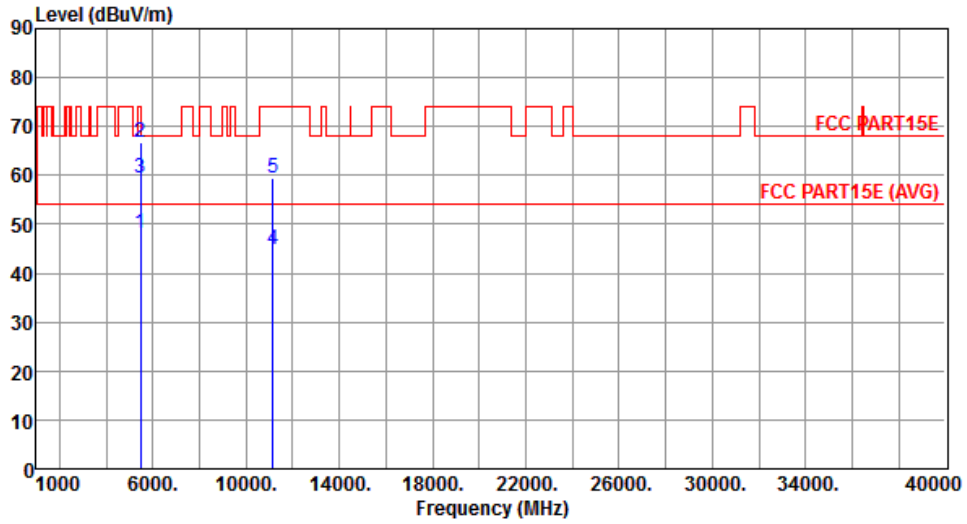
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.95 | 54.00 | -6.05 | 42.03 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 59.92 | 74.00 | -14.08 | 54.00 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 59.11 | 68.20 | -9.09 | 53.21 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 44.02 | 54.00 | -9.98 | 28.67 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 58.38 | 74.00 | -15.62 | 43.03 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 4 |



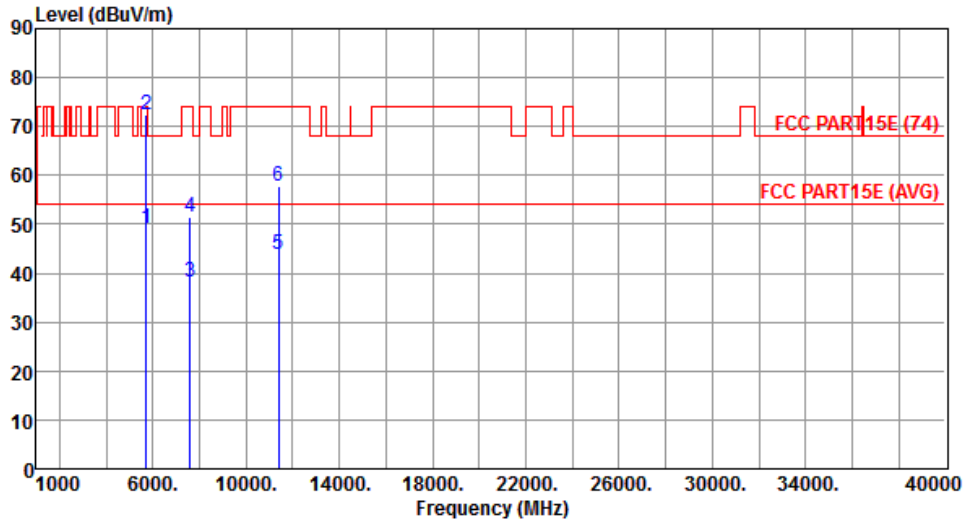
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.11 | 54.00 | -5.89 | 42.19 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 66.77 | 74.00 | -7.23 | 60.85 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 59.28 | 68.20 | -8.92 | 53.38 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 44.85 | 54.00 | -9.15 | 29.50 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 59.55 | 74.00 | -14.45 | 44.20 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 4 |



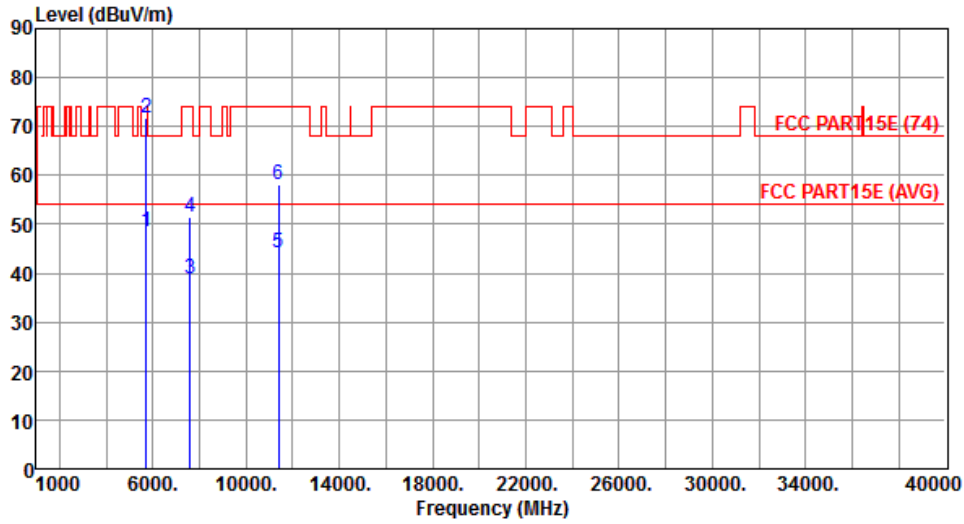
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 49.07 | 54.00 | -4.93 | 43.22 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.39 | 74.00 | -1.61 | 66.54 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.06 | 54.00 | -15.94 | 27.46 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.37 | 74.00 | -22.63 | 40.77 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 43.72 | 54.00 | -10.28 | 28.78 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 57.66 | 74.00 | -16.34 | 42.72 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 4 |



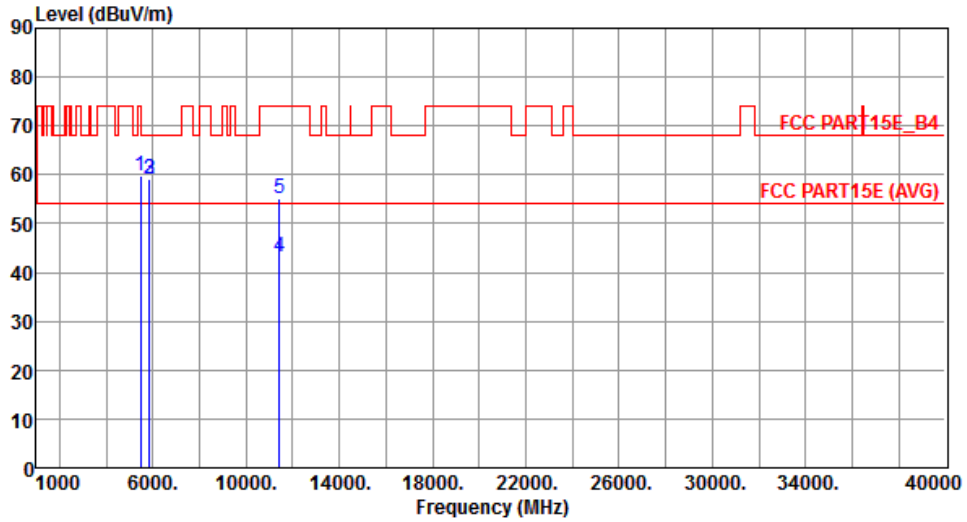
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-----------|---------|-------------|----------------|
| 1 | 5725.00 | 48.52 | 54.00 | -5.48 | 42.67 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 71.70 | 74.00 | -2.30 | 65.85 | 5.85 | Peak | --- | --- |
| 3 | 7600.00 | 38.71 | 54.00 | -15.29 | 28.11 | 10.60 | Average | --- | --- |
| 4 | 7600.00 | 51.58 | 74.00 | -22.42 | 40.98 | 10.60 | Peak | --- | --- |
| 5 | 11400.00 | 44.20 | 54.00 | -9.80 | 29.26 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 58.09 | 74.00 | -15.91 | 43.15 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 4 |



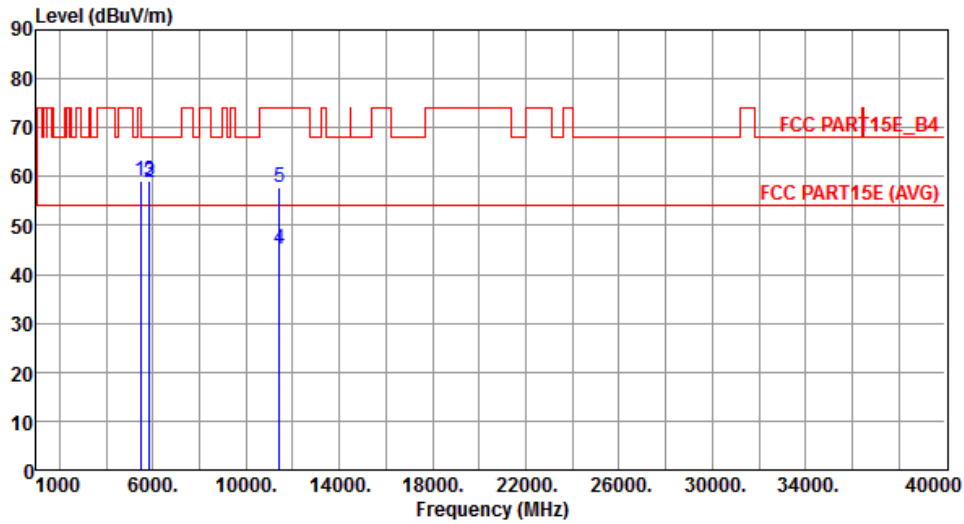
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.92 | 68.20 | -8.28 | 54.02 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.06 | 78.20 | -19.14 | 53.16 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.24 | 68.20 | -8.96 | 53.33 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 43.28 | 54.00 | -10.72 | 28.42 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 55.23 | 74.00 | -18.77 | 40.37 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | 11a | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 4 |



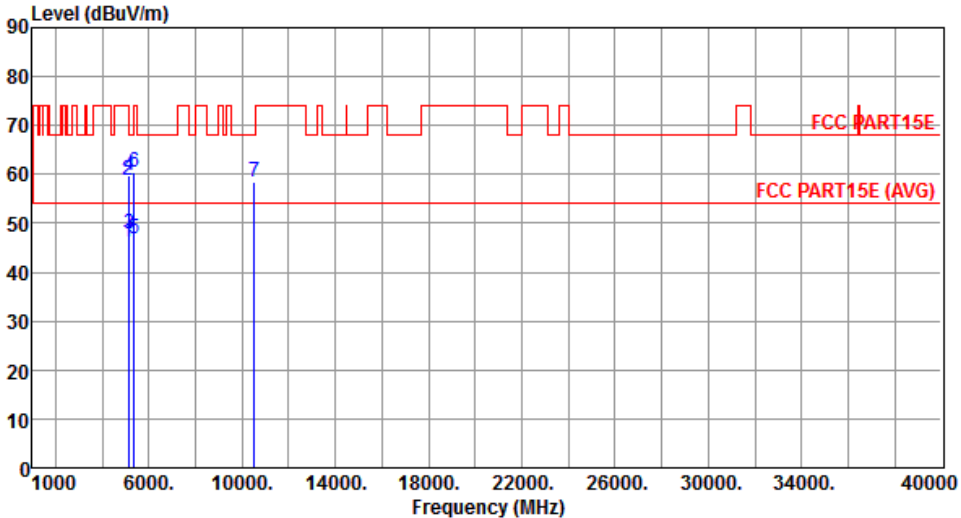
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 59.21 | 68.20 | -8.99 | 53.31 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 58.77 | 78.20 | -19.43 | 52.87 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 59.24 | 68.20 | -8.96 | 53.33 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 45.17 | 54.00 | -8.83 | 30.31 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 57.84 | 74.00 | -16.16 | 42.98 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

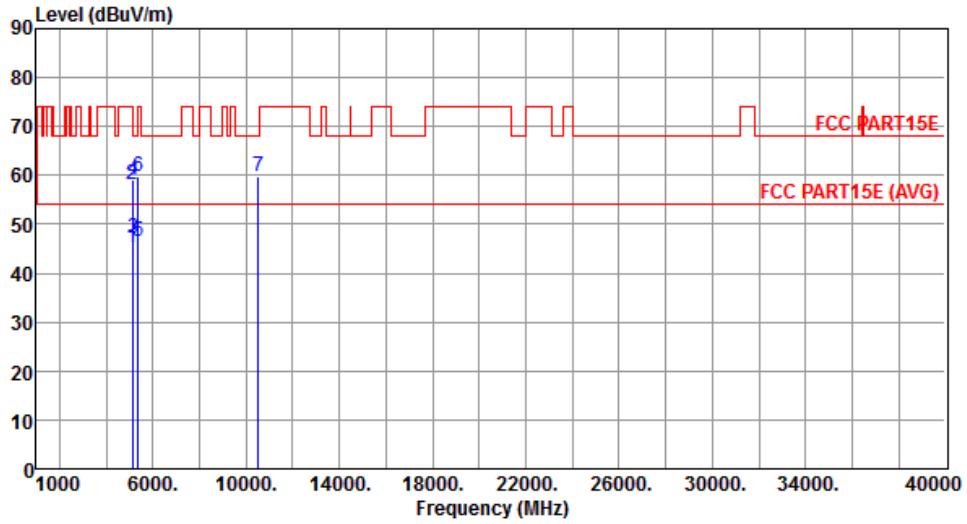
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.25 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT20

| Modulation | VHT20 | Test Freq. (MHz) | 5260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|----------|-------|-------|-------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5106.00</td> <td>46.00</td> <td>54.00</td> <td>-8.00</td> <td>40.29</td> <td>5.71</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5106.00</td> <td>58.75</td> <td>74.00</td> <td>-15.25</td> <td>53.04</td> <td>5.71</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5150.00</td> <td>47.76</td> <td>54.00</td> <td>-6.24</td> <td>41.99</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5150.00</td> <td>59.86</td> <td>74.00</td> <td>-14.14</td> <td>54.09</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>5350.00</td> <td>46.87</td> <td>54.00</td> <td>-7.13</td> <td>40.93</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>6</td> <td>5350.00</td> <td>60.28</td> <td>74.00</td> <td>-13.72</td> <td>54.34</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>7</td> <td>10520.00</td> <td>58.58</td> <td>68.20</td> <td>-9.62</td> <td>43.18</td> <td>15.40</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5106.00 | 46.00 | 54.00 | -8.00 | 40.29 | 5.71 | Average | --- | 2 | 5106.00 | 58.75 | 74.00 | -15.25 | 53.04 | 5.71 | Peak | --- | 3 | 5150.00 | 47.76 | 54.00 | -6.24 | 41.99 | 5.77 | Average | --- | 4 | 5150.00 | 59.86 | 74.00 | -14.14 | 54.09 | 5.77 | Peak | --- | 5 | 5350.00 | 46.87 | 54.00 | -7.13 | 40.93 | 5.94 | Average | --- | 6 | 5350.00 | 60.28 | 74.00 | -13.72 | 54.34 | 5.94 | Peak | --- | 7 | 10520.00 | 58.58 | 68.20 | -9.62 | 43.18 | 15.40 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5106.00 | 46.00 | 54.00 | -8.00 | 40.29 | 5.71 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5106.00 | 58.75 | 74.00 | -15.25 | 53.04 | 5.71 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5150.00 | 47.76 | 54.00 | -6.24 | 41.99 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5150.00 | 59.86 | 74.00 | -14.14 | 54.09 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5350.00 | 46.87 | 54.00 | -7.13 | 40.93 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 5350.00 | 60.28 | 74.00 | -13.72 | 54.34 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 10520.00 | 58.58 | 68.20 | -9.62 | 43.18 | 15.40 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5260 |
| Polarization | Vertical | Test Configuration | 4 |



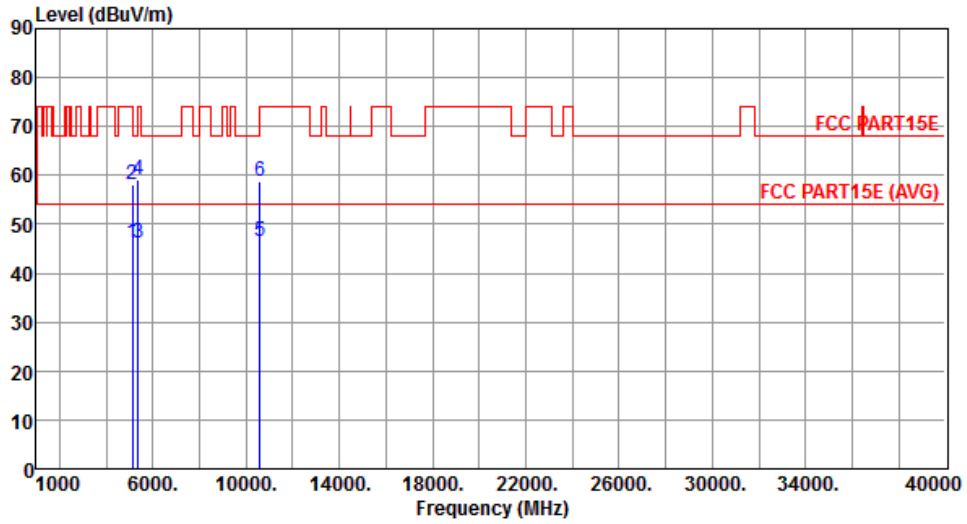
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5106.00 | 45.05 | 54.00 | -8.95 | 39.34 | 5.71 | Average | --- | --- |
| 2 | 5106.00 | 58.19 | 74.00 | -15.81 | 52.48 | 5.71 | Peak | --- | --- |
| 3 | 5150.00 | 47.25 | 54.00 | -6.75 | 41.48 | 5.77 | Average | --- | --- |
| 4 | 5150.00 | 59.11 | 74.00 | -14.89 | 53.34 | 5.77 | Peak | --- | --- |
| 5 | 5350.00 | 46.36 | 54.00 | -7.64 | 40.42 | 5.94 | Average | --- | --- |
| 6 | 5350.00 | 59.83 | 74.00 | -14.17 | 53.89 | 5.94 | Peak | --- | --- |
| 7 | 10520.00 | 59.77 | 68.20 | -8.43 | 44.37 | 15.40 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Horizontal | Test Configuration | 4 |



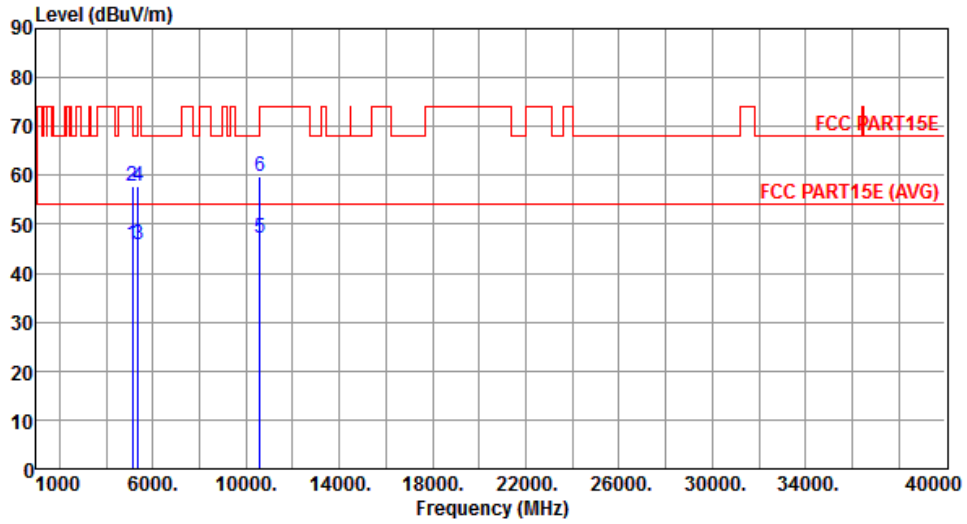
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5120.00 | 46.15 | 54.00 | -7.85 | 40.42 | 5.73 | Average | --- | --- |
| 2 | 5120.00 | 58.15 | 74.00 | -15.85 | 52.42 | 5.73 | Peak | --- | --- |
| 3 | 5350.00 | 46.25 | 54.00 | -7.75 | 40.31 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 59.05 | 74.00 | -14.95 | 53.11 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 46.57 | 54.00 | -7.43 | 31.13 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 58.81 | 74.00 | -15.19 | 43.37 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5300 |
| Polarization | Vertical | Test Configuration | 4 |



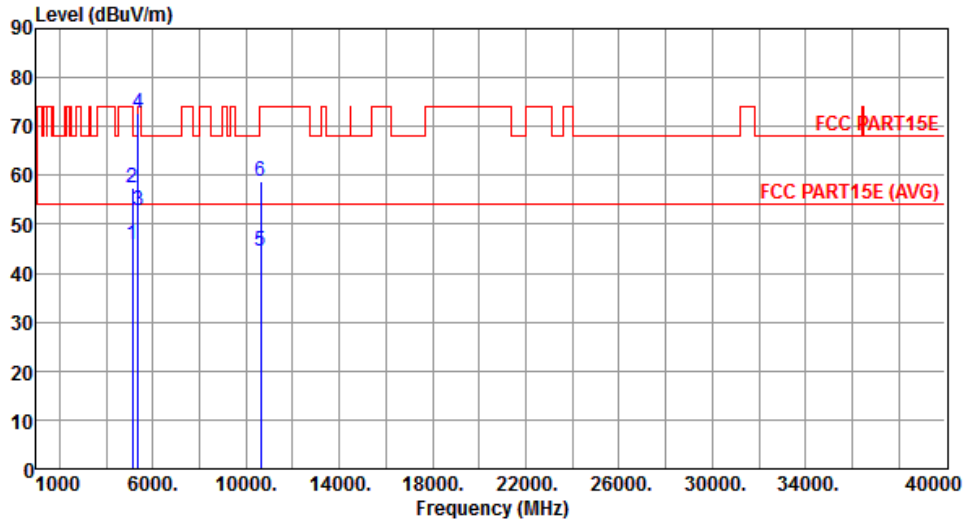
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5120.00 | 45.88 | 54.00 | -8.12 | 40.15 | 5.73 | Average | --- | --- |
| 2 | 5120.00 | 57.69 | 74.00 | -16.31 | 51.96 | 5.73 | Peak | --- | --- |
| 3 | 5350.00 | 45.87 | 54.00 | -8.13 | 39.93 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 57.88 | 74.00 | -16.12 | 51.94 | 5.94 | Peak | --- | --- |
| 5 | 10600.00 | 47.11 | 54.00 | -6.89 | 31.67 | 15.44 | Average | --- | --- |
| 6 | 10600.00 | 59.93 | 74.00 | -14.07 | 44.49 | 15.44 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Horizontal | Test Configuration | 4 |



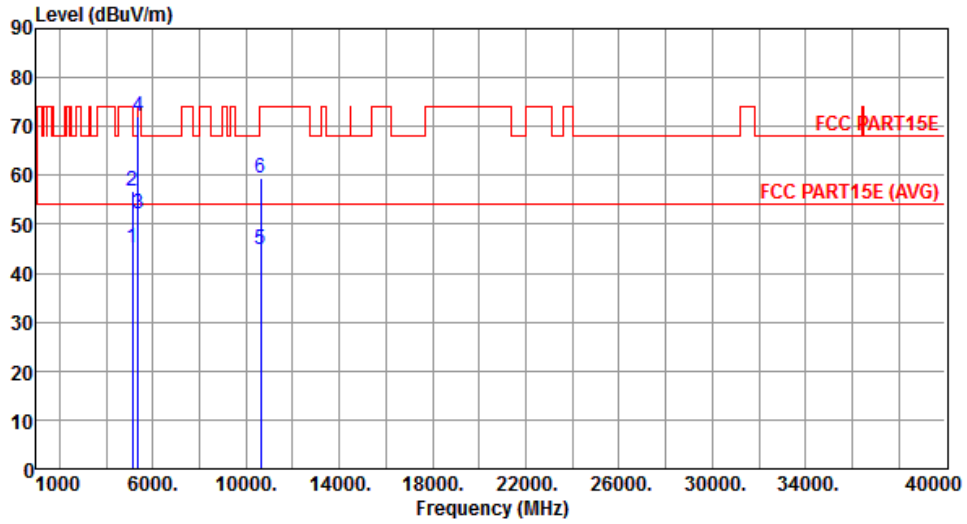
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 45.77 | 54.00 | -8.23 | 40.02 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 57.35 | 74.00 | -16.65 | 51.60 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 52.77 | 54.00 | -1.23 | 46.83 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 72.69 | 74.00 | -1.31 | 66.75 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 44.52 | 54.00 | -9.48 | 29.05 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 58.69 | 74.00 | -15.31 | 43.22 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

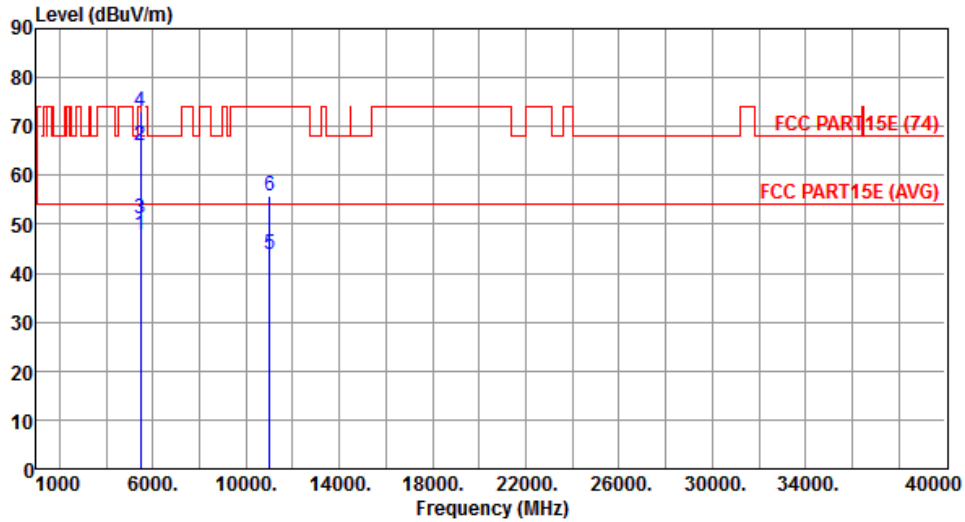
| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5320 |
| Polarization | Vertical | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5130.00 | 45.11 | 54.00 | -8.89 | 39.36 | 5.75 | Average | --- | --- |
| 2 | 5130.00 | 56.88 | 74.00 | -17.12 | 51.13 | 5.75 | Peak | --- | --- |
| 3 | 5350.00 | 52.09 | 54.00 | -1.91 | 46.15 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 72.11 | 74.00 | -1.89 | 66.17 | 5.94 | Peak | --- | --- |
| 5 | 10640.00 | 44.98 | 54.00 | -9.02 | 29.51 | 15.47 | Average | --- | --- |
| 6 | 10640.00 | 59.49 | 74.00 | -14.51 | 44.02 | 15.47 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Horizontal | Test Configuration | 4 |



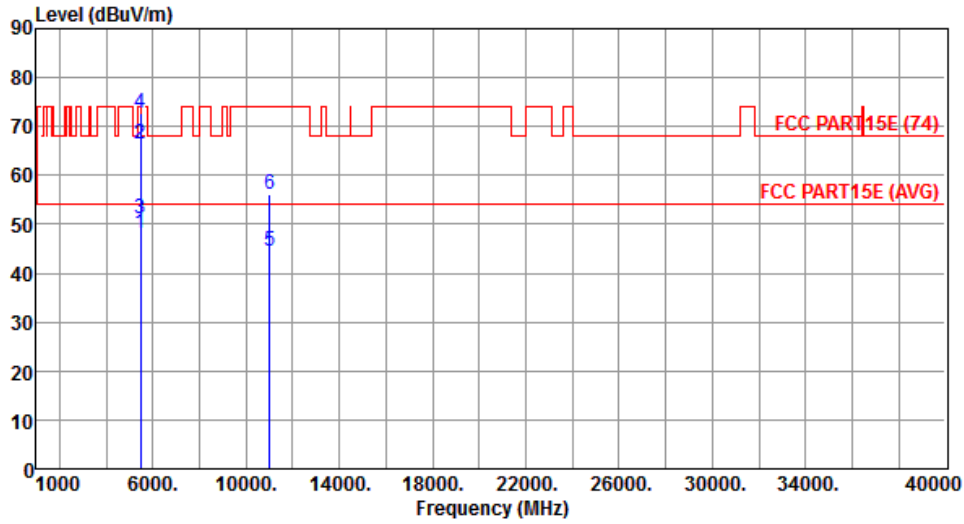
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.84 | 54.00 | -6.16 | 41.92 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 66.01 | 74.00 | -7.99 | 60.09 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 51.13 | 54.00 | -2.87 | 45.23 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 72.96 | 74.00 | -1.04 | 67.06 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 43.89 | 54.00 | -10.11 | 28.26 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 55.89 | 74.00 | -18.11 | 40.26 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5500 |
| Polarization | Vertical | Test Configuration | 4 |



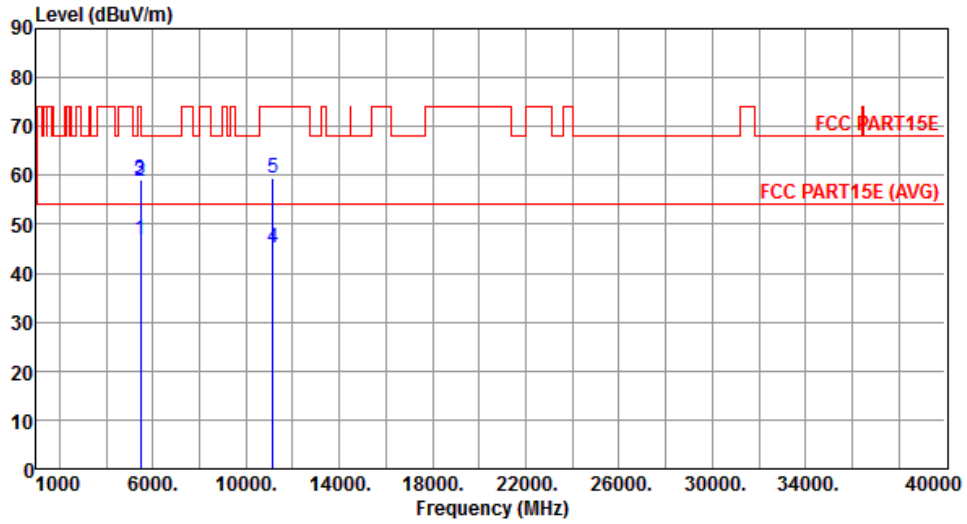
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 48.12 | 54.00 | -5.88 | 42.20 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 66.44 | 74.00 | -7.56 | 60.52 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 51.02 | 54.00 | -2.98 | 45.12 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 72.70 | 74.00 | -1.30 | 66.80 | 5.90 | Peak | --- | --- |
| 5 | 11000.00 | 44.59 | 54.00 | -9.41 | 28.96 | 15.63 | Average | --- | --- |
| 6 | 11000.00 | 56.16 | 74.00 | -17.84 | 40.53 | 15.63 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Horizontal | Test Configuration | 4 |



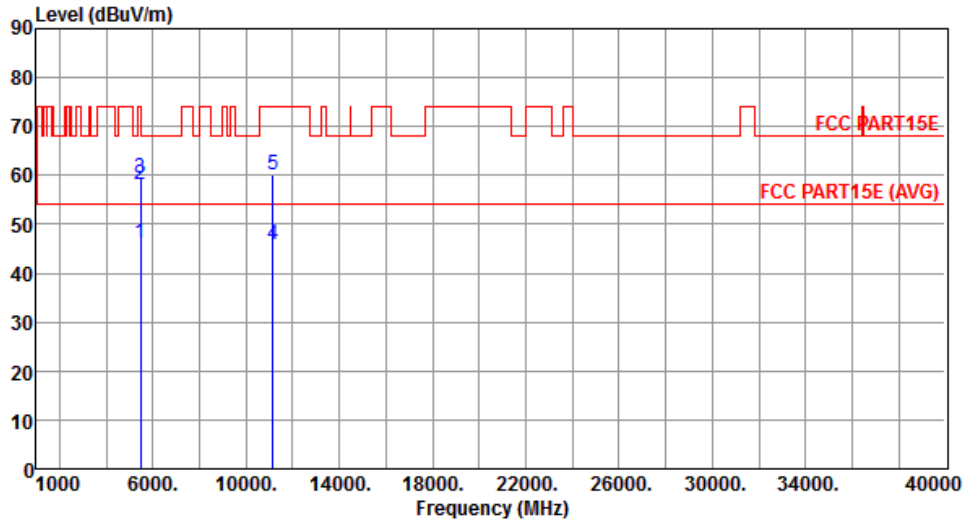
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.89 | 54.00 | -7.11 | 40.97 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 58.79 | 74.00 | -15.21 | 52.87 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 59.21 | 68.20 | -8.99 | 53.31 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 45.11 | 54.00 | -8.89 | 29.76 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 59.49 | 74.00 | -14.51 | 44.14 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5580 |
| Polarization | Vertical | Test Configuration | 4 |



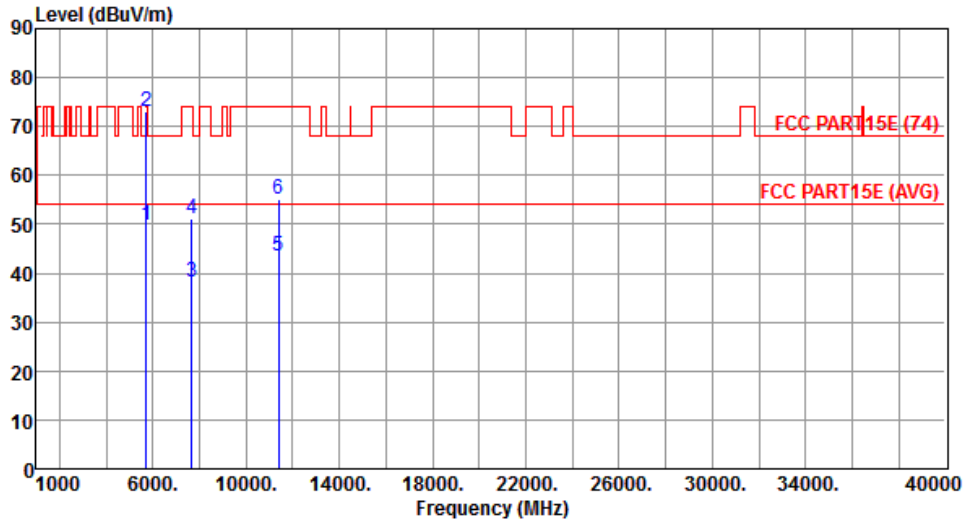
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.25 | 54.00 | -7.75 | 40.33 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 58.13 | 74.00 | -15.87 | 52.21 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 59.32 | 68.20 | -8.88 | 53.42 | 5.90 | Peak | --- | --- |
| 4 | 11160.00 | 45.89 | 54.00 | -8.11 | 30.54 | 15.35 | Average | --- | --- |
| 5 | 11160.00 | 60.11 | 74.00 | -13.89 | 44.76 | 15.35 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Horizontal | Test Configuration | 4 |



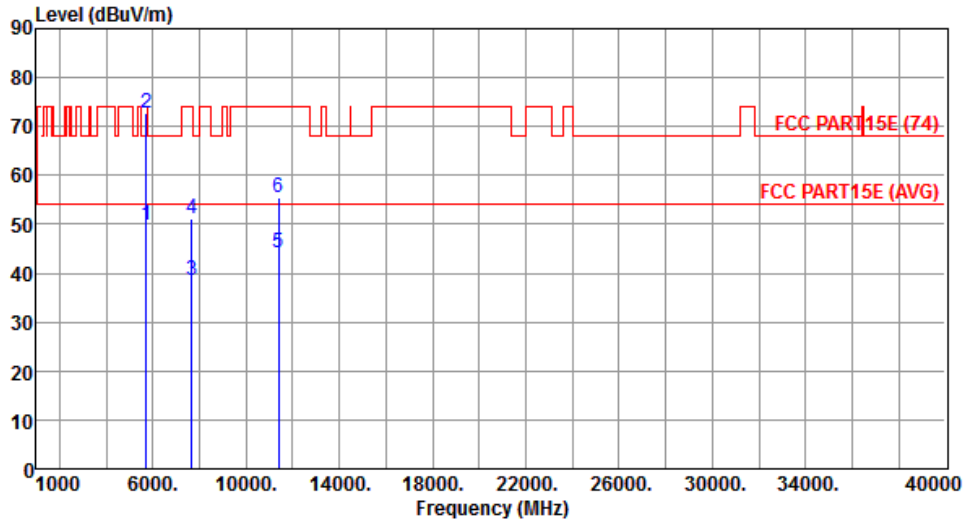
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 49.78 | 54.00 | -4.22 | 43.93 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.99 | 74.00 | -1.01 | 67.14 | 5.85 | Peak | --- | --- |
| 3 | 7660.00 | 38.31 | 54.00 | -15.69 | 27.78 | 10.53 | Average | --- | --- |
| 4 | 7660.00 | 51.04 | 74.00 | -22.96 | 40.51 | 10.53 | Peak | --- | --- |
| 5 | 11400.00 | 43.39 | 54.00 | -10.61 | 28.45 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 55.09 | 74.00 | -18.91 | 40.15 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

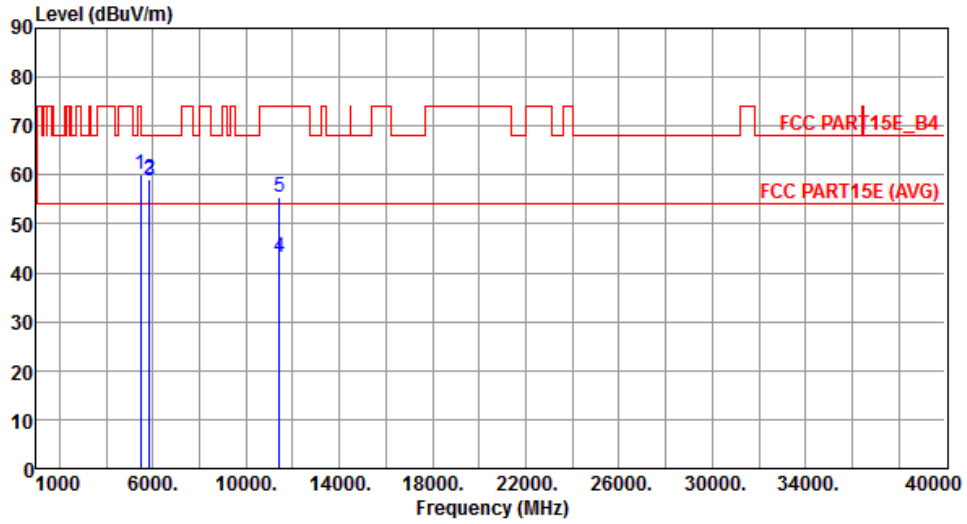
| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5700 |
| Polarization | Vertical | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 49.87 | 54.00 | -4.13 | 44.02 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.88 | 74.00 | -1.12 | 67.03 | 5.85 | Peak | --- | --- |
| 3 | 7660.00 | 38.55 | 54.00 | -15.45 | 28.02 | 10.53 | Average | --- | --- |
| 4 | 7660.00 | 51.14 | 74.00 | -22.86 | 40.61 | 10.53 | Peak | --- | --- |
| 5 | 11400.00 | 44.24 | 54.00 | -9.76 | 29.30 | 14.94 | Average | --- | --- |
| 6 | 11400.00 | 55.51 | 74.00 | -18.49 | 40.57 | 14.94 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Horizontal | Test Configuration | 4 |



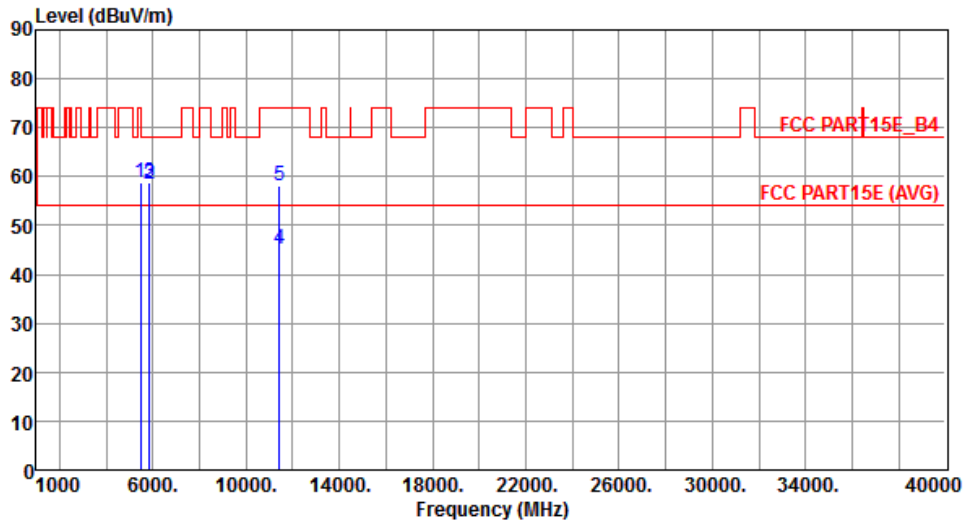
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 60.20 | 68.20 | -8.00 | 54.30 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 59.21 | 78.20 | -18.99 | 53.31 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 58.89 | 68.20 | -9.31 | 52.98 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 43.17 | 54.00 | -10.83 | 28.31 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 55.44 | 74.00 | -18.56 | 40.58 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT20 | Test Freq. (MHz) | 5720 |
| Polarization | Vertical | Test Configuration | 4 |



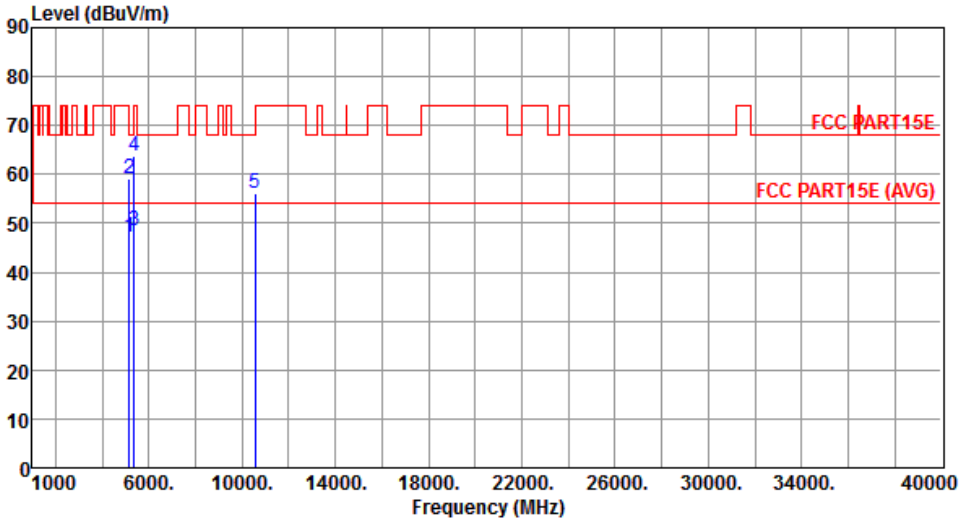
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 58.92 | 68.20 | -9.28 | 53.02 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 58.50 | 78.20 | -19.70 | 52.60 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 58.94 | 68.20 | -9.26 | 53.03 | 5.91 | Peak | --- | --- |
| 4 | 11440.00 | 45.10 | 54.00 | -8.90 | 30.24 | 14.86 | Average | --- | --- |
| 5 | 11440.00 | 58.17 | 74.00 | -15.83 | 43.31 | 14.86 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

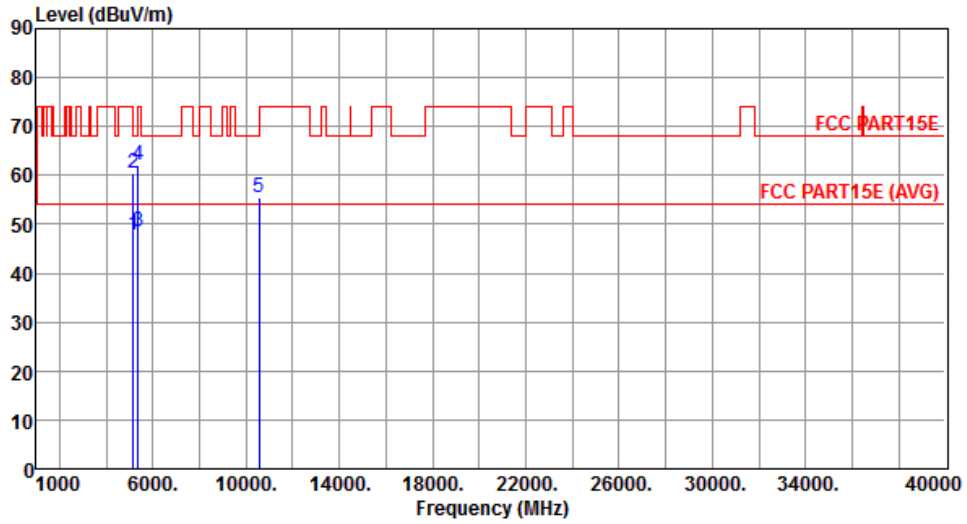
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.26 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

| Modulation | VHT40 | Test Freq. (MHz) | 5270 | | | | | | |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| Polarization | Horizontal | Test Configuration | 4 | | | | | | |
|  | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
| 1 | 5150.00 | 47.14 | 54.00 | -6.86 | 41.37 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 59.01 | 74.00 | -14.99 | 53.24 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 48.47 | 54.00 | -5.53 | 42.53 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 63.72 | 74.00 | -10.28 | 57.78 | 5.94 | Peak | --- | --- |
| 5 | 10540.00 | 56.02 | 68.20 | -12.18 | 40.60 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5270 |
| Polarization | Vertical | Test Configuration | 4 |



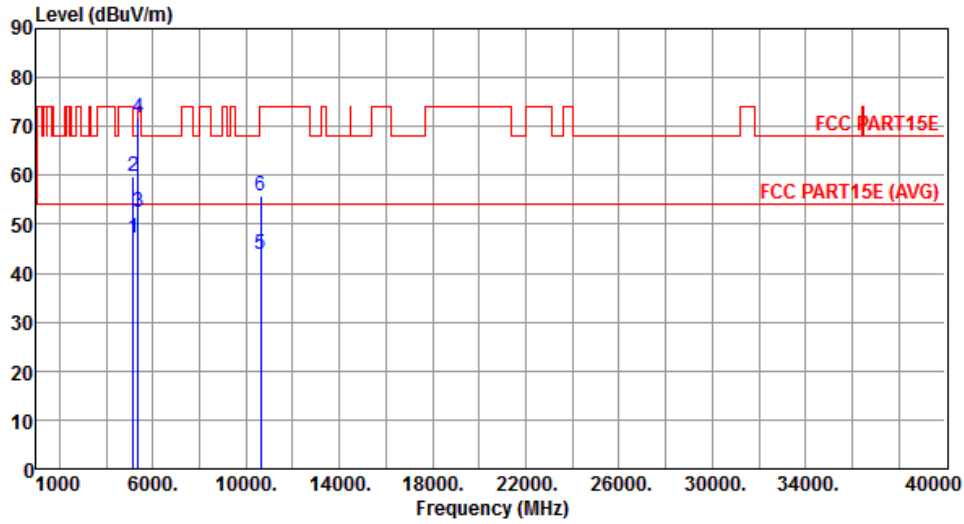
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 47.97 | 54.00 | -6.03 | 42.20 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 60.28 | 74.00 | -13.72 | 54.51 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 48.56 | 54.00 | -5.44 | 42.62 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 62.07 | 74.00 | -11.93 | 56.13 | 5.94 | Peak | --- | --- |
| 5 | 10540.00 | 55.59 | 68.20 | -12.61 | 40.17 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Horizontal | Test Configuration | 4 |



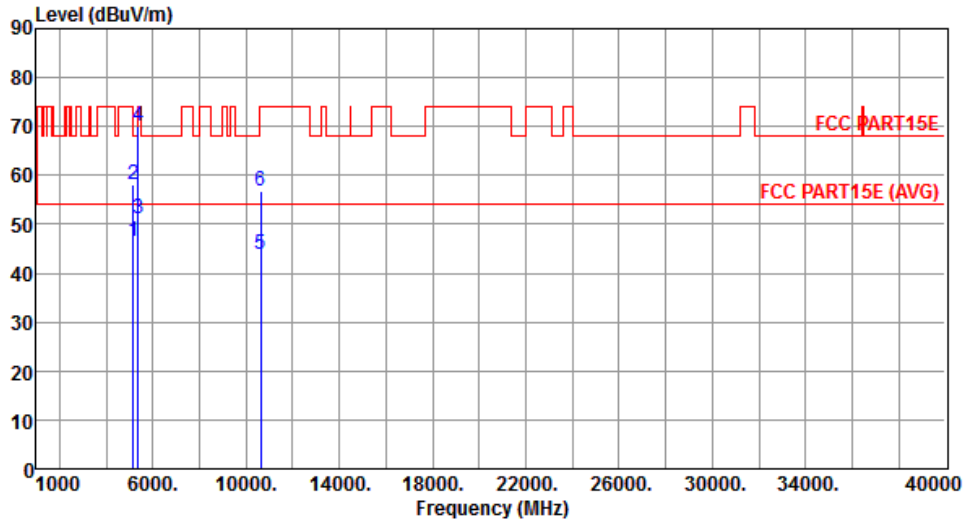
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 47.08 | 54.00 | -6.92 | 41.31 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 59.89 | 74.00 | -14.11 | 54.12 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 52.52 | 54.00 | -1.48 | 46.58 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 71.80 | 74.00 | -2.20 | 65.86 | 5.94 | Peak | --- | --- |
| 5 | 10620.00 | 43.91 | 54.00 | -10.09 | 28.46 | 15.45 | Average | --- | --- |
| 6 | 10620.00 | 55.83 | 74.00 | -18.17 | 40.38 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5310 |
| Polarization | Vertical | Test Configuration | 4 |



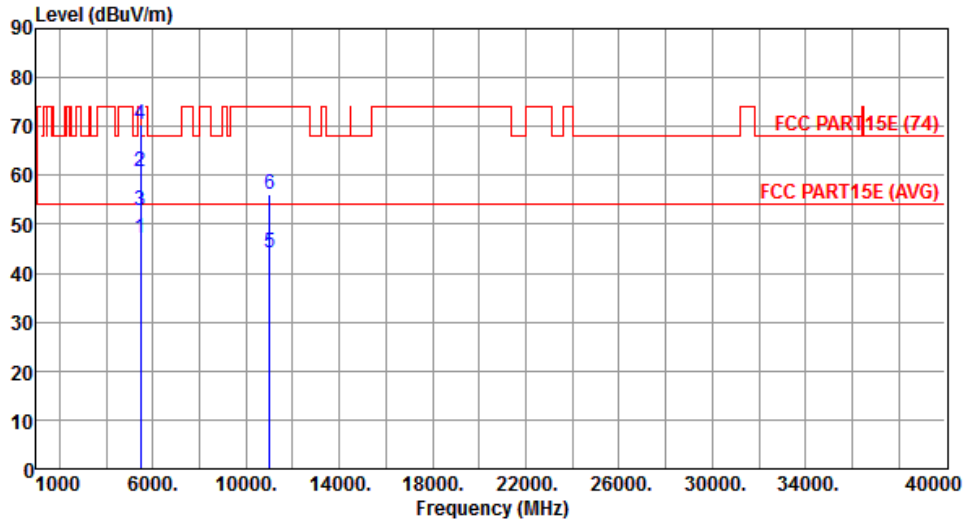
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 46.36 | 54.00 | -7.64 | 40.59 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.28 | 74.00 | -15.72 | 52.51 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 51.13 | 54.00 | -2.87 | 45.19 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 70.15 | 74.00 | -3.85 | 64.21 | 5.94 | Peak | --- | --- |
| 5 | 10620.00 | 43.98 | 54.00 | -10.02 | 28.53 | 15.45 | Average | --- | --- |
| 6 | 10620.00 | 56.73 | 74.00 | -17.27 | 41.28 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Horizontal | Test Configuration | 4 |



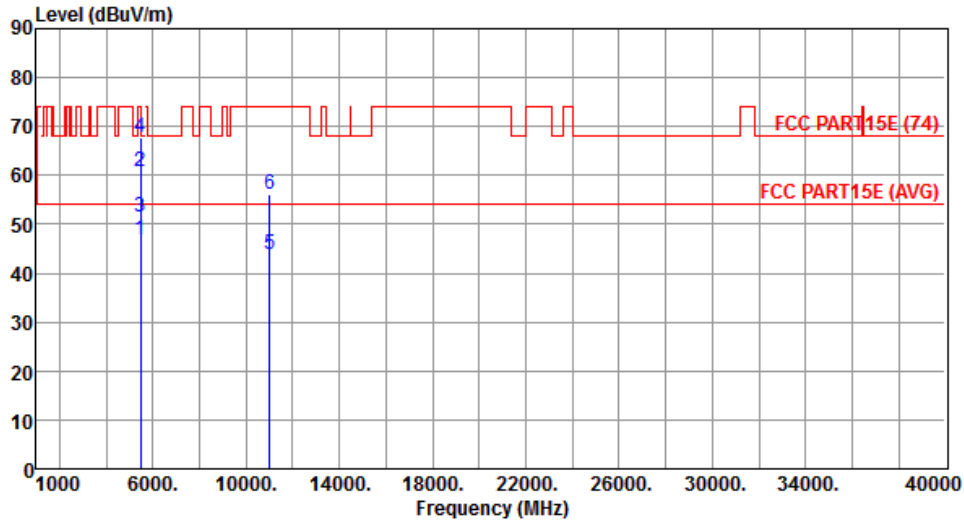
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 47.24 | 54.00 | -6.76 | 41.32 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 60.65 | 74.00 | -13.35 | 54.73 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 52.90 | 54.00 | -1.10 | 47.00 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 70.27 | 74.00 | -3.73 | 64.37 | 5.90 | Peak | --- | --- |
| 5 | 11020.00 | 44.23 | 54.00 | -9.77 | 28.63 | 15.60 | Average | --- | --- |
| 6 | 11020.00 | 56.19 | 74.00 | -17.81 | 40.59 | 15.60 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5510 |
| Polarization | Vertical | Test Configuration | 4 |



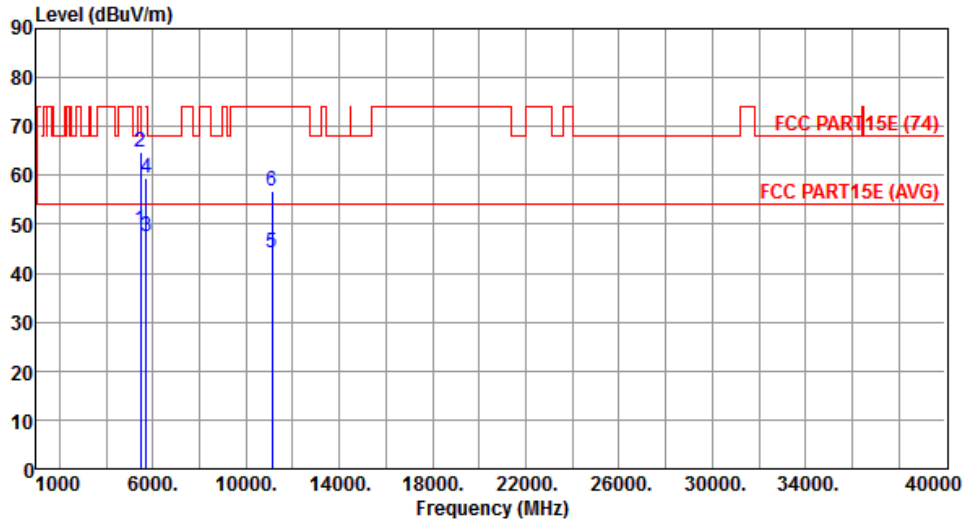
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 46.96 | 54.00 | -7.04 | 41.04 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 60.86 | 74.00 | -13.14 | 54.94 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 51.56 | 54.00 | -2.44 | 45.66 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 67.68 | 74.00 | -6.32 | 61.78 | 5.90 | Peak | --- | --- |
| 5 | 11020.00 | 43.76 | 54.00 | -10.24 | 28.16 | 15.60 | Average | --- | --- |
| 6 | 11020.00 | 55.98 | 74.00 | -18.02 | 40.38 | 15.60 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Horizontal | Test Configuration | 4 |



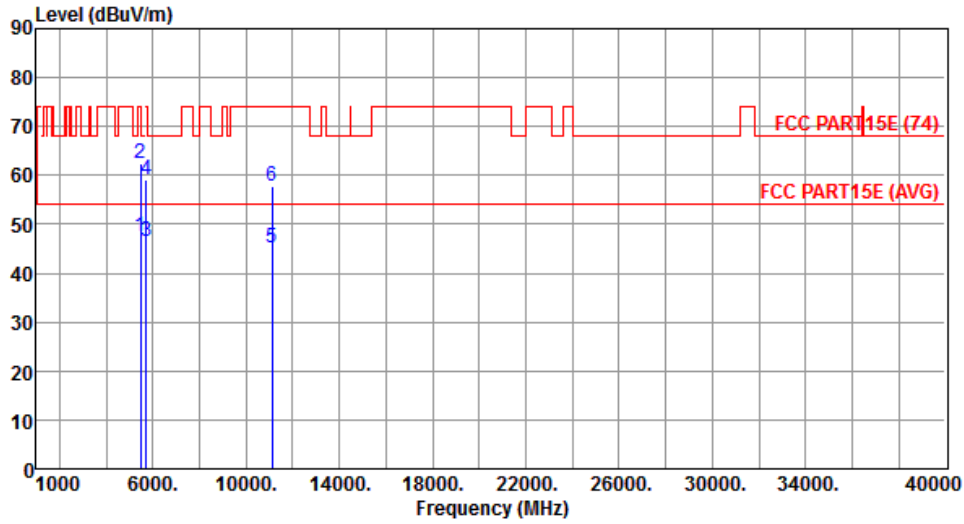
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 48.72 | 54.00 | -5.28 | 42.82 | 5.90 | Average | --- | --- |
| 2 | 5470.00 | 64.89 | 74.00 | -9.11 | 58.99 | 5.90 | Peak | --- | --- |
| 3 | 5725.00 | 47.65 | 54.00 | -6.35 | 41.80 | 5.85 | Average | --- | --- |
| 4 | 5725.00 | 59.56 | 74.00 | -14.44 | 53.71 | 5.85 | Peak | --- | --- |
| 5 | 11100.00 | 44.29 | 54.00 | -9.71 | 28.84 | 15.45 | Average | --- | --- |
| 6 | 11100.00 | 56.72 | 74.00 | -17.28 | 41.27 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5550 |
| Polarization | Vertical | Test Configuration | 4 |



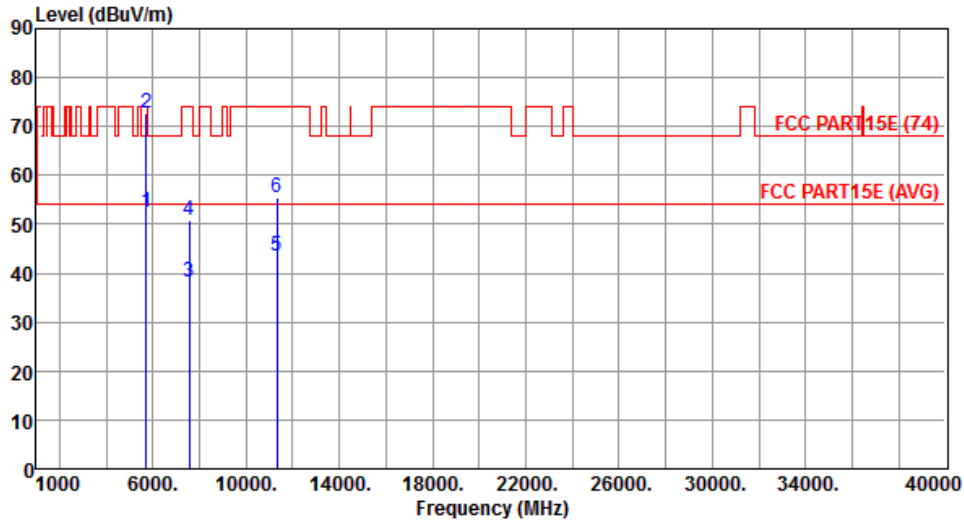
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 47.38 | 54.00 | -6.62 | 41.48 | 5.90 | Average | --- | --- |
| 2 | 5470.00 | 62.47 | 74.00 | -11.53 | 56.57 | 5.90 | Peak | --- | --- |
| 3 | 5725.00 | 46.51 | 54.00 | -7.49 | 40.66 | 5.85 | Average | --- | --- |
| 4 | 5725.00 | 59.20 | 74.00 | -14.80 | 53.35 | 5.85 | Peak | --- | --- |
| 5 | 11100.00 | 45.13 | 54.00 | -8.87 | 29.68 | 15.45 | Average | --- | --- |
| 6 | 11100.00 | 57.83 | 74.00 | -16.17 | 42.38 | 15.45 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Horizontal | Test Configuration | 4 |



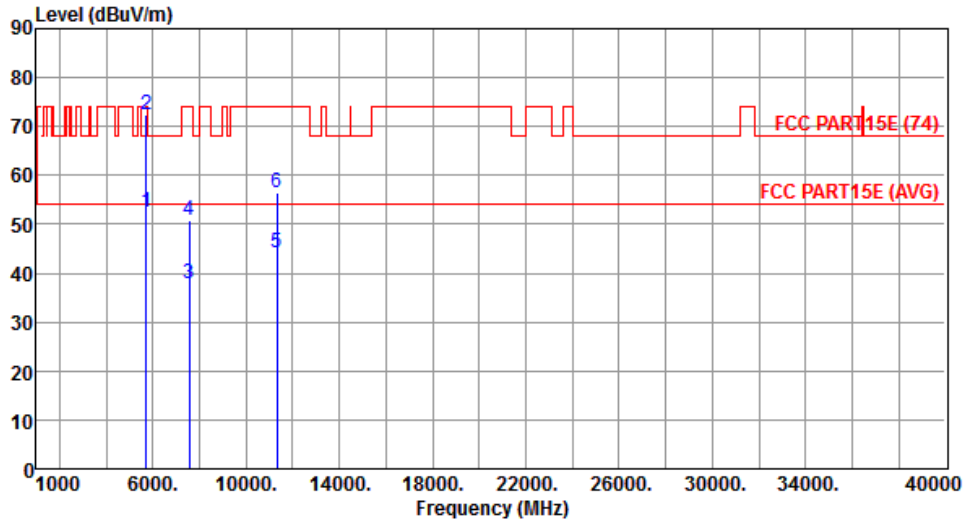
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.43 | 54.00 | -1.57 | 46.58 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.67 | 74.00 | -1.33 | 66.82 | 5.85 | Peak | --- | --- |
| 3 | 7560.00 | 38.04 | 54.00 | -15.96 | 27.63 | 10.41 | Average | --- | --- |
| 4 | 7560.00 | 50.84 | 74.00 | -23.16 | 40.43 | 10.41 | Peak | --- | --- |
| 5 | 11340.00 | 43.35 | 54.00 | -10.65 | 28.31 | 15.04 | Average | --- | --- |
| 6 | 11340.00 | 55.61 | 74.00 | -18.39 | 40.57 | 15.04 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5670 |
| Polarization | Vertical | Test Configuration | 4 |



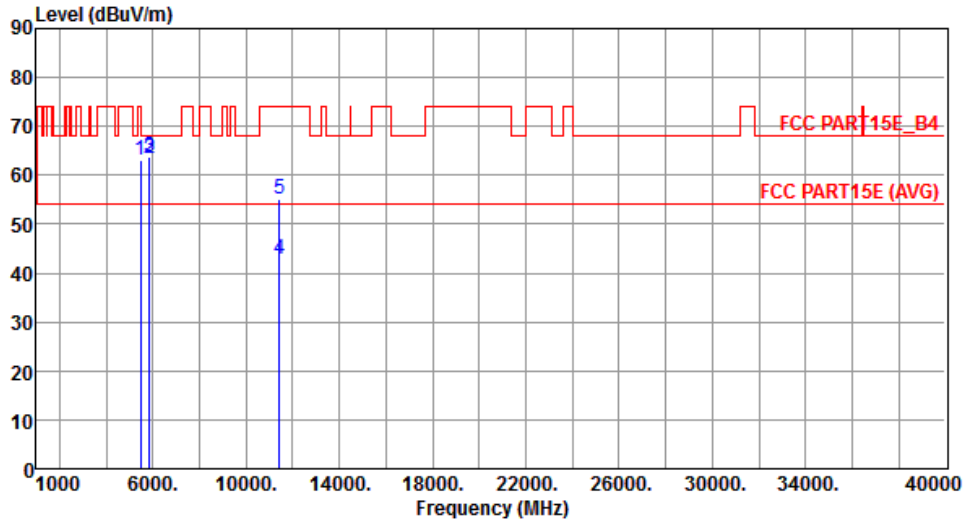
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5725.00 | 52.32 | 54.00 | -1.68 | 46.47 | 5.85 | Average | --- | --- |
| 2 | 5725.00 | 72.27 | 74.00 | -1.73 | 66.42 | 5.85 | Peak | --- | --- |
| 3 | 7560.00 | 37.85 | 54.00 | -16.15 | 27.44 | 10.41 | Average | --- | --- |
| 4 | 7560.00 | 50.80 | 74.00 | -23.20 | 40.39 | 10.41 | Peak | --- | --- |
| 5 | 11340.00 | 44.17 | 54.00 | -9.83 | 29.13 | 15.04 | Average | --- | --- |
| 6 | 11340.00 | 56.32 | 74.00 | -17.68 | 41.28 | 15.04 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Horizontal | Test Configuration | 4 |



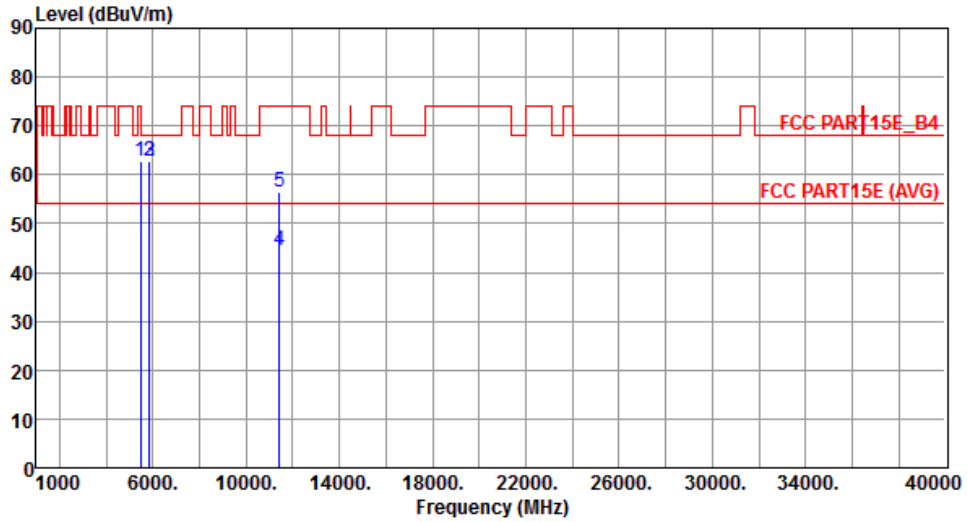
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 63.02 | 68.20 | -5.18 | 57.12 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 63.52 | 78.20 | -14.68 | 57.62 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 63.72 | 68.20 | -4.48 | 57.81 | 5.91 | Peak | --- | --- |
| 4 | 11420.00 | 42.81 | 54.00 | -11.19 | 27.91 | 14.90 | Average | --- | --- |
| 5 | 11420.00 | 55.28 | 74.00 | -18.72 | 40.38 | 14.90 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT40 | Test Freq. (MHz) | 5710 |
| Polarization | Vertical | Test Configuration | 4 |



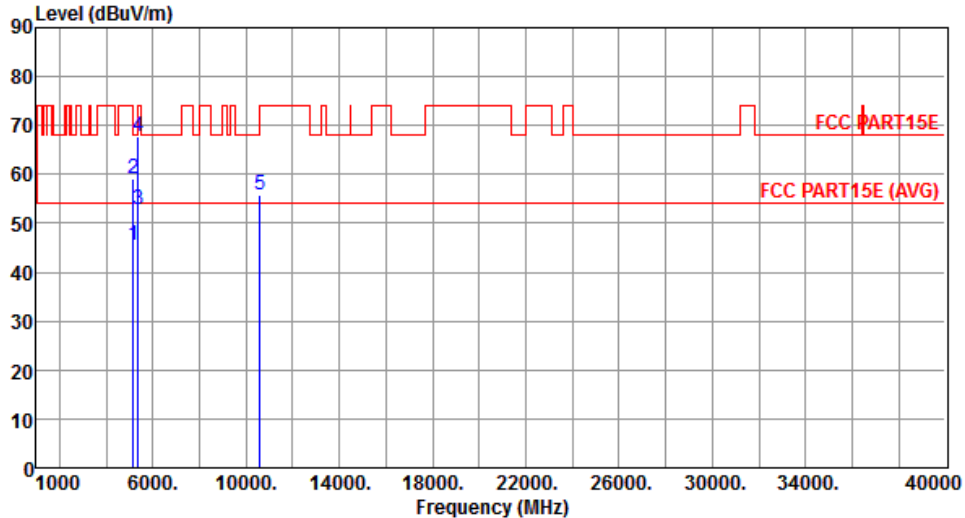
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 62.82 | 68.20 | -5.38 | 56.92 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 62.76 | 78.20 | -15.44 | 56.86 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 62.80 | 68.20 | -5.40 | 56.89 | 5.91 | Peak | --- | --- |
| 4 | 11420.00 | 44.53 | 54.00 | -9.47 | 29.63 | 14.90 | Average | --- | --- |
| 5 | 11420.00 | 56.57 | 74.00 | -17.43 | 41.67 | 14.90 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

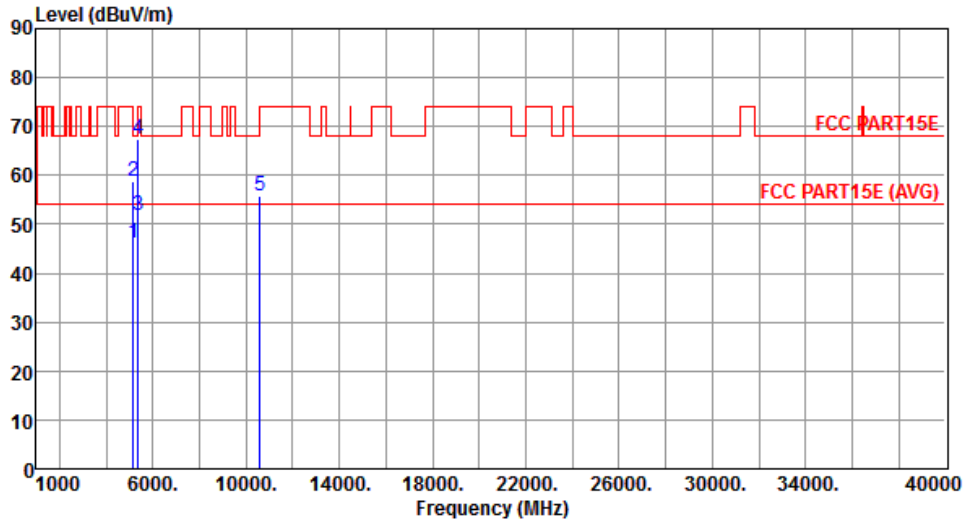
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.5.27 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

| Modulation | VHT80 | Test Freq. (MHz) | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|----------------|------------|--------|------------|----------|------------|----------|------------|-----|--------|--------|----|------|----|--|----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|--------|-------|------|------|-----|---|---------|-------|-------|-------|-------|------|---------|-----|---|---------|-------|-------|-------|-------|------|------|-----|---|----------|-------|-------|--------|-------|-------|------|-----|--|--|--|
| Polarization | Horizontal | Test Configuration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Freq.</th> <th>Emission level</th> <th>Limit</th> <th>Margin</th> <th>SA reading</th> <th>Factor</th> <th>Remark</th> <th>ANT High</th> <th>Turn Table</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV</th> <th>dB</th> <th></th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5150.00</td> <td>45.43</td> <td>54.00</td> <td>-8.57</td> <td>39.66</td> <td>5.77</td> <td>Average</td> <td>---</td> </tr> <tr> <td>2</td> <td>5150.00</td> <td>59.10</td> <td>74.00</td> <td>-14.90</td> <td>53.33</td> <td>5.77</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>3</td> <td>5350.00</td> <td>52.68</td> <td>54.00</td> <td>-1.32</td> <td>46.74</td> <td>5.94</td> <td>Average</td> <td>---</td> </tr> <tr> <td>4</td> <td>5350.00</td> <td>67.70</td> <td>74.00</td> <td>-6.30</td> <td>61.76</td> <td>5.94</td> <td>Peak</td> <td>---</td> </tr> <tr> <td>5</td> <td>10580.00</td> <td>55.74</td> <td>68.20</td> <td>-12.46</td> <td>40.32</td> <td>15.42</td> <td>Peak</td> <td>---</td> </tr> </tbody> </table> | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | 1 | 5150.00 | 45.43 | 54.00 | -8.57 | 39.66 | 5.77 | Average | --- | 2 | 5150.00 | 59.10 | 74.00 | -14.90 | 53.33 | 5.77 | Peak | --- | 3 | 5350.00 | 52.68 | 54.00 | -1.32 | 46.74 | 5.94 | Average | --- | 4 | 5350.00 | 67.70 | 74.00 | -6.30 | 61.76 | 5.94 | Peak | --- | 5 | 10580.00 | 55.74 | 68.20 | -12.46 | 40.32 | 15.42 | Peak | --- | | | |
| Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MHz | dBuV/m | dBuV/m | dB | dBuV | dB | | cm | deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5150.00 | 45.43 | 54.00 | -8.57 | 39.66 | 5.77 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 5150.00 | 59.10 | 74.00 | -14.90 | 53.33 | 5.77 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 5350.00 | 52.68 | 54.00 | -1.32 | 46.74 | 5.94 | Average | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5350.00 | 67.70 | 74.00 | -6.30 | 61.76 | 5.94 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 10580.00 | 55.74 | 68.20 | -12.46 | 40.32 | 15.42 | Peak | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5290 |
| Polarization | Vertical | Test Configuration | 4 |



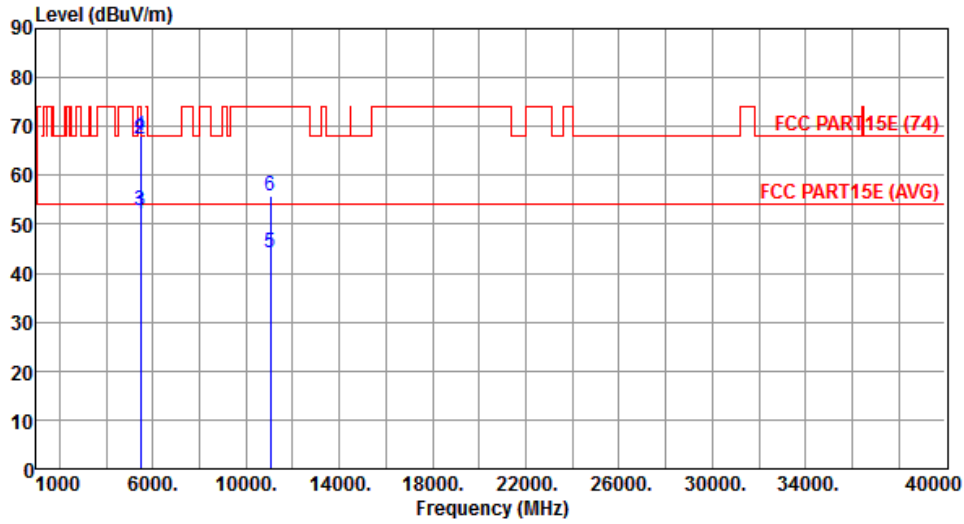
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5150.00 | 46.14 | 54.00 | -7.86 | 40.37 | 5.77 | Average | --- | --- |
| 2 | 5150.00 | 58.68 | 74.00 | -15.32 | 52.91 | 5.77 | Peak | --- | --- |
| 3 | 5350.00 | 51.67 | 54.00 | -2.33 | 45.73 | 5.94 | Average | --- | --- |
| 4 | 5350.00 | 67.46 | 74.00 | -6.54 | 61.52 | 5.94 | Peak | --- | --- |
| 5 | 10580.00 | 55.86 | 68.20 | -12.34 | 40.44 | 15.42 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Horizontal | Test Configuration | 4 |



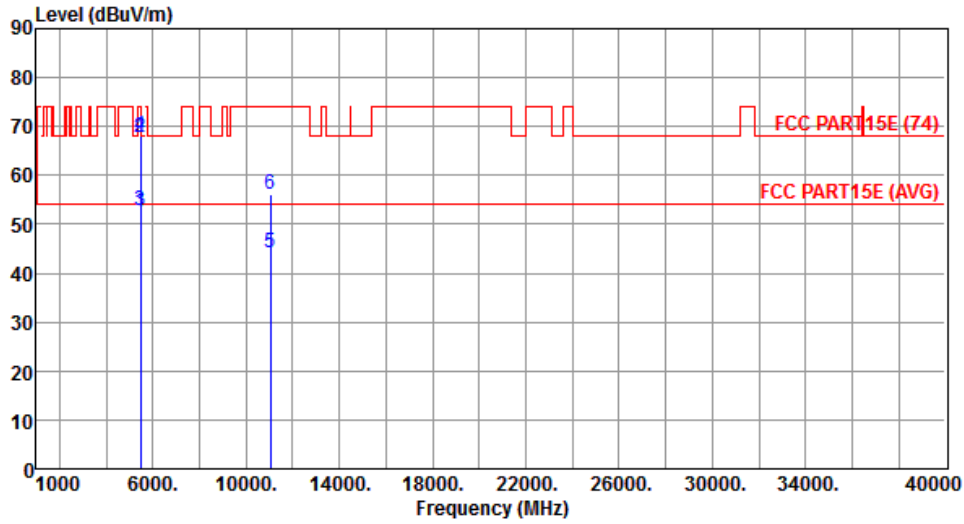
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 52.13 | 54.00 | -1.87 | 46.21 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 67.40 | 74.00 | -6.60 | 61.48 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 52.75 | 54.00 | -1.25 | 46.85 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 68.21 | 74.00 | -5.79 | 62.31 | 5.90 | Peak | --- | --- |
| 5 | 11060.00 | 44.17 | 54.00 | -9.83 | 28.64 | 15.53 | Average | --- | --- |
| 6 | 11060.00 | 55.80 | 74.00 | -18.20 | 40.27 | 15.53 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5530 |
| Polarization | Vertical | Test Configuration | 4 |



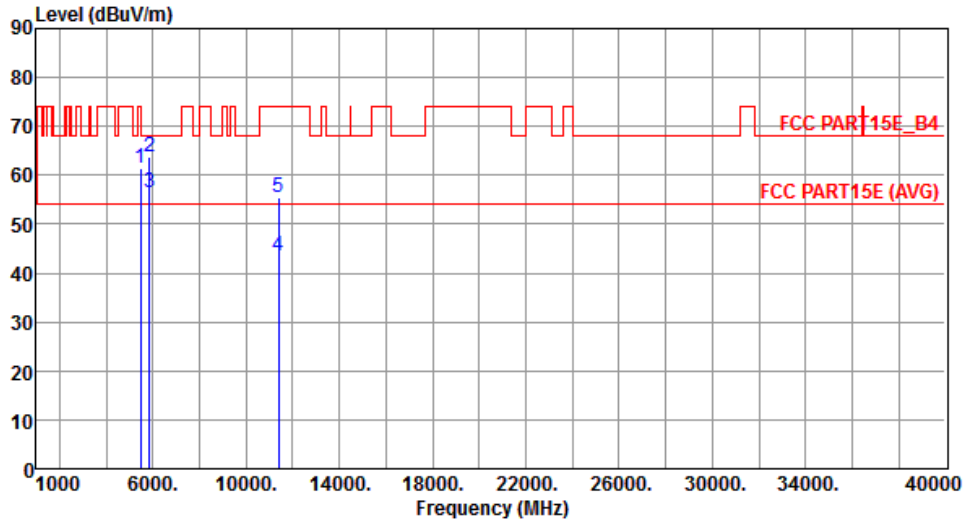
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5460.00 | 52.51 | 54.00 | -1.49 | 46.59 | 5.92 | Average | --- | --- |
| 2 | 5460.00 | 67.84 | 74.00 | -6.16 | 61.92 | 5.92 | Peak | --- | --- |
| 3 | 5470.00 | 52.88 | 54.00 | -1.12 | 46.98 | 5.90 | Average | --- | --- |
| 4 | 5470.00 | 68.06 | 74.00 | -5.94 | 62.16 | 5.90 | Peak | --- | --- |
| 5 | 11060.00 | 44.06 | 54.00 | -9.94 | 28.53 | 15.53 | Average | --- | --- |
| 6 | 11060.00 | 56.25 | 74.00 | -17.75 | 40.72 | 15.53 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|------------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Horizontal | Test Configuration | 4 |



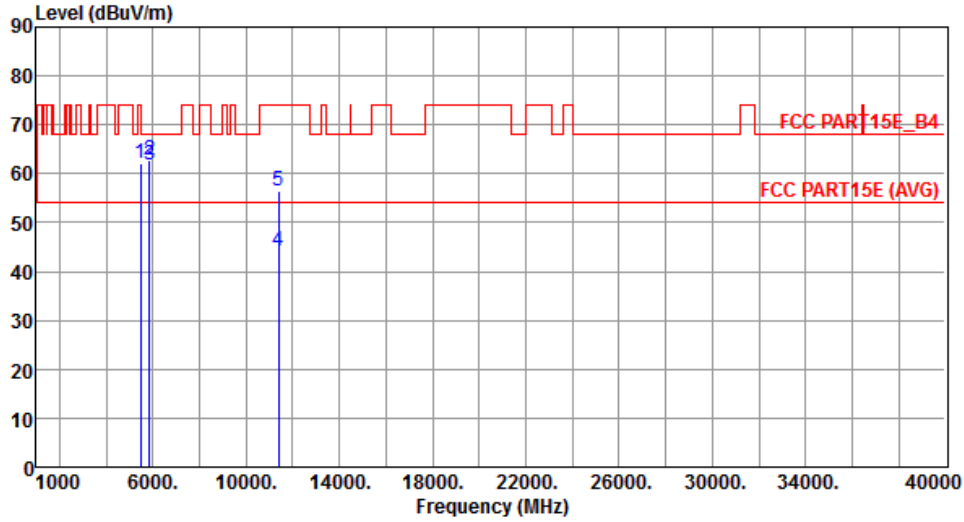
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 61.56 | 68.20 | -6.64 | 55.66 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 63.72 | 78.20 | -14.48 | 57.82 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 56.62 | 68.20 | -11.58 | 50.71 | 5.91 | Peak | --- | --- |
| 4 | 11380.00 | 43.61 | 54.00 | -10.39 | 28.65 | 14.96 | Average | --- | --- |
| 5 | 11380.00 | 55.56 | 74.00 | -18.44 | 40.60 | 14.96 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

| | | | |
|---------------------|----------|---------------------------|------|
| Modulation | VHT80 | Test Freq. (MHz) | 5690 |
| Polarization | Vertical | Test Configuration | 4 |



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB | Remark | ANT High cm | Turn Table deg |
|---|--------------|-----------------------------|-----------------|--------------|-----------------------|--------------|---------|-------------------|----------------------|
| 1 | 5470.00 | 61.99 | 68.20 | -6.21 | 56.09 | 5.90 | Peak | --- | --- |
| 2 | 5850.00 | 62.66 | 78.20 | -15.54 | 56.76 | 5.90 | Peak | --- | --- |
| 3 | 5860.00 | 61.93 | 68.20 | -6.27 | 56.02 | 5.91 | Peak | --- | --- |
| 4 | 11380.00 | 44.28 | 54.00 | -9.72 | 29.32 | 14.96 | Average | --- | --- |
| 5 | 11380.00 | 56.50 | 74.00 | -17.50 | 41.54 | 14.96 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

3.6 Frequency Stability

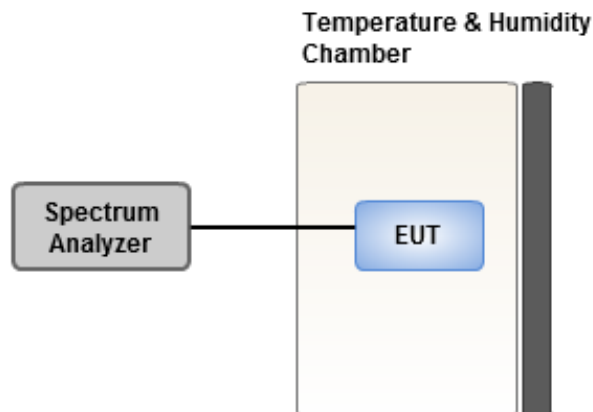
3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

3.6.3 Test Setup



3.6.4 Test Result of Frequency Stability (Configuration 1: Internal PIFA antenna)

| Frequency: 5320 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|-----------|-----------------|------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 0.48 | 0.69 | 0.75 | 0.21 |
| T20°CVmin | 3.74 | 3.11 | 4.37 | 4.00 |
| T50°CVnom | 5.53 | 5.29 | 4.97 | 4.57 |
| T40°CVnom | 4.45 | 5.01 | 4.27 | 4.58 |
| T30°CVnom | 4.15 | 3.80 | 4.65 | 3.96 |
| T20°CVnom | 3.58 | 3.28 | 3.64 | 3.94 |
| T10°CVnom | 3.31 | 3.68 | 2.99 | 2.68 |
| T0°CVnom | 2.91 | 3.23 | 2.87 | 3.05 |
| T-10°CVnom | 3.09 | 3.30 | 3.26 | 3.34 |
| T-20°CVnom | 2.73 | 2.85 | 2.29 | 2.00 |
| T-30°CVnom | 2.69 | 2.33 | 2.64 | 2.44 |
| Vnom [Vac]: 120 | Vmax [Vac]: 138 | | Vmin [Vac]: 102 | |
| Tnom [°C]: 20 | Tmax [°C]: 50 | | Tmin [°C]: -30 | |

3.6.5 Test Result of Frequency Stability (Configuration 2: External Dipole antenna)

| Frequency: 5320 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|-----------|-----------------|------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 0.60 | 0.26 | 0.93 | 1.29 |
| T20°CVmin | 3.57 | 3.89 | 4.00 | 4.11 |
| T50°CVnom | 5.20 | 5.70 | 6.23 | 5.43 |
| T40°CVnom | 4.98 | 5.15 | 5.15 | 5.13 |
| T30°CVnom | 4.39 | 4.15 | 4.32 | 4.06 |
| T20°CVnom | 4.38 | 3.42 | 3.58 | 3.97 |
| T10°CVnom | 3.06 | 3.42 | 3.72 | 3.86 |
| T0°CVnom | 2.69 | 3.11 | 3.57 | 3.43 |
| T-10°CVnom | 3.03 | 2.71 | 2.59 | 3.10 |
| T-20°CVnom | 2.55 | 2.70 | 3.04 | 3.46 |
| T-30°CVnom | 3.17 | 2.81 | 2.53 | 2.43 |
| Vnom [Vac]: 120 | Vmax [Vac]: 138 | | Vmin [Vac]: 102 | |
| Tnom [°C]: 20 | Tmax [°C]: 50 | | Tmin [°C]: -30 | |

3.6.6 Test Result of Frequency Stability (Configuration 3: External Directional Panel antenna (model WS-AI-DQ04360))

| Frequency: 5320 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|-----------|-----------------|------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 4.58 | 4.17 | 4.49 | 5.33 |
| T20°CVmin | 4.19 | 4.55 | 4.46 | 4.47 |
| T50°CVnom | 3.02 | 3.16 | 2.98 | 3.17 |
| T40°CVnom | 1.89 | 1.83 | 2.10 | 1.54 |
| T30°CVnom | 2.37 | 2.94 | 3.01 | 2.72 |
| T20°CVnom | 2.14 | 2.32 | 2.17 | 2.36 |
| T10°CVnom | 2.41 | 3.00 | 2.22 | 1.98 |
| T0°CVnom | 2.98 | 3.09 | 3.35 | 3.18 |
| T-10°CVnom | 2.45 | 3.23 | 2.55 | 2.70 |
| T-20°CVnom | 0.93 | 0.52 | 1.38 | 1.60 |
| T-30°CVnom | -0.39 | -0.87 | 0.46 | -0.18 |
| Vnom [Vac]: 120 | Vmax [Vac]: 138 | | Vmin [Vac]: 102 | |
| Tnom [°C]: 20 | Tmax [°C]: 50 | | Tmin [°C]: -30 | |

3.6.7 Test Result of Frequency Stability (Configuration 4: External Directional Panel antenna (model WS-AI-DD05120))

| Frequency: 5320 MHz | Frequency Drift (ppm) | | | |
|------------------------|-----------------------|-----------|-----------------|------------|
| Temperature (°C) | 0 minute | 2 minutes | 5 minutes | 10 minutes |
| T20°CVmax | 6.04 | 5.99 | 6.02 | 5.93 |
| T20°CVmin | 4.74 | 5.22 | 5.31 | 4.98 |
| T50°CVnom | 3.51 | 3.66 | 3.12 | 2.55 |
| T40°CVnom | 2.32 | 2.91 | 2.67 | 1.96 |
| T30°CVnom | 2.38 | 2.39 | 2.42 | 2.77 |
| T20°CVnom | 2.03 | 2.06 | 2.08 | 2.39 |
| T10°CVnom | 1.73 | 2.32 | 2.03 | 1.72 |
| T0°CVnom | 0.84 | 1.10 | 0.45 | 0.84 |
| T-10°CVnom | 1.64 | 1.87 | 1.95 | 1.89 |
| T-20°CVnom | -0.54 | 0.10 | -0.83 | -0.80 |
| T-30°CVnom | 1.96 | 2.11 | 1.98 | 1.95 |
| Vnom [Vac]: 120 | Vmax [Vac]: 138 | | Vmin [Vac]: 102 | |
| Tnom [°C]: 20 | Tmax [°C]: 50 | | Tmin [°C]: -30 | |

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

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==END==