



Neutron Engineering Inc.

FCC Radio Test Report

FCC ID: QISS10-201W

This report concerns (check one) : Original Grant Class I Change

Issued Date : Nov. 29, 2012
Project No. : 1211C082
Equipment : HUAWEI MediaPad 10 Link
Model Name : S10-201w
Applicant : Huawei Technologies Co.,Ltd.
Address : Bantian, Longgang District, Shenzhen China

Tested by:

Neutron Engineering Inc. EMC Laboratory

Date of Receipt: Nov. 13, 2012

Date of Test:

Nov. 13, 2012 ~ Nov. 28, 2012

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Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (NML) of R.O.C., or National Institute of Standards and Technology (NIST) of U.S.A.

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.



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1. CERTIFICATION

Equipment : HUAWEI MediaPad 10 Link
Device Type : Tablet
Model Name : S10-201w
Applicant : Huawei Technologies Co.,Ltd.
Date of Test : Nov. 13, 2012 ~ Nov. 28, 2012
Test Item : ENGINEERING SAMPLE
Standards : FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009;
FCC KDB 789033 D01 General UNII Test Procedures v01r01.

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-3-1211C082) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5150MHz~5250MHz;5250MHz~5350MHz; 5470MHz~5725MHz Mode part of the product.



2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| FCC Part15, Subpart E | | | |
|--------------------------------------|-----------------------------------|-----------------|---------------|
| Standard Section | Test Item | Judgment | Remark |
| 15.207 | AC Power Line Conducted Emissions | PASS | |
| 15.407(a) | 26dB Spectrum Bandwidth | PASS | |
| 15.407(a) | Maximum Conducted Output Power | PASS | |
| 15.407(a) | Power Spectral Density | PASS | |
| 15.407(a) | Peak Excursion | PASS | |
| 15.407(a) | Radiated Emissions | PASS | |
| 15.407(b) | Band Edge Emissions | PASS | |
| 15.407(b) | Frequency Stability | PASS | |
| 15.407(g) 15.203 | Antenna Requirements | PASS | |
| 1.1307 1.1310 2.1091 2.1093 | RF Exposure Compliance | PASS | |

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report



2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792
 Neutron's test firm number for FCC 319330

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95%**.

A. Conducted Measurement :

| Test Site | Method | Measurement Frequency Range | U , (dB) | NOTE |
|-----------|--------|-----------------------------|----------|------|
| DG-C02 | CISPR | 150 KHz ~ 30MHz | 1.94 | |
| | | | | |

B. Radiated Measurement :

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U , (dB) | NOTE |
|-----------|--------|-----------------------------|------------|----------|------|
| DG-CB03 | CISPR | 30MHz ~ 200MHz | V | 3.82 | |
| | | 30MHz ~ 200MHz | H | 3.60 | |
| | | 200MHz ~ 1,000MHz | V | 3.86 | |
| | | 200MHz ~ 1,000MHz | H | 3.94 | |
| | | 1GHz~18GHz | V | 4.23 | |
| | | 18GHz~40GHz | V | 4.15 | |
| | | 1GHz~18GHz | H | 4.15 | |
| | | 18GHz~40GHz | H | 4.14 | |
| | | | | | |



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

| | | |
|---------------------|---|--|
| Equipment | HUAWEI MediaPad 10 Link | |
| Device Type | Tablet | |
| Model Name | S10-201w | |
| Product Description | The EUT is a Tablet. | |
| | Operation Frequency | Band 1:5150MHz~5250MHz Band 2:5250MHz~5350MHz Band 3:5470MHz~5725MHz |
| | Modulation Type | OFDM |
| | Bit Rate of Transmitter | 11a: 6/ 9/12/18/24/36/48/54 11n: MCS0/1/2/3/4/5/6/7 |
| | Antenna Designation | Please see note 3.(Page 9) |
| | Antenna Gain(Peak) | |
| | Output Power | 802.11a: 12.43dBm Band 1 802.11n (20M): 12.51 dBm |
| | Output Power | 802.11a: 12.46 dBm Band 2 802.11n (20M): 12.42 dBm |
| | Output Power | 802.11a: 12.77 dBm Band 3 802.11n (20M): 12.74 dBm |
| | Product Description | Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual. |
| Power Source | #1 DC voltage supplied from AC adapter. Adapter model: HW-050200U3W Brand: HUAWEI #2 DC voltage supplied from Lithum battery. | |
| Power Rating | #1 I/P: AC100~240V~50/60Hz 0.5A O/P: DC 5V 2A #2 DC 3.7V 6600mAh | |



2. Channel List:

| 802.11a / 802.11n 20M | | | | | | | |
|-----------------------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Band 1 | | Band 2 | | Band 3 | | | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 36 | 5180 | 52 | 5260 | 100 | 5500 | 116 | 5580 |
| 40 | 5200 | 56 | 5280 | 104 | 5520 | 132 | 5660 |
| 44 | 5220 | 60 | 5300 | 108 | 5540 | 136 | 5680 |
| 48 | 5240 | 64 | 5320 | 112 | 5560 | 140 | 5700 |

| 802.11n 40M | | | | | | | |
|-------------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| Band 1 | | Band 2 | | Band 3 | | | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 38 | 5190 | 54 | 5270 | 102 | 5510 | 126 | 5590 |
| 46 | 5230 | 62 | 5310 | 110 | 5550 | 134 | 5670 |

3.

Antenna Specification:

| Ant. | Manufacturer | Model Name | Antenna Type / Connector | Gain (dBi) |
|------|------------------------------|------------|--------------------------|------------|
| 1 | SkyCross.inc,Shanghai.Branch | monopole | Integral | 4.95 |



3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Test Mode | Description |
|-------------------|---|
| Mode 1 | TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2) TX A Mode / CH100, CH116, CH140(Band 3) |
| Mode 2 | TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2) TX N20 Mode / CH100, CH116, CH140(Band 3) |
| Mode 3 | Normal Link |

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

| For Conducted Test | |
|--------------------|-------------|
| Final Test Mode | Description |
| Mode 3 | Normal Link |

| For Radiated Test | |
|-------------------|---|
| Final Test Mode | Description |
| Mode 1 | TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2) TX A Mode / CH100, CH116, CH140(Band 3) |
| Mode 2 | TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2) TX N20 Mode / CH100, CH116, CH140(Band 3) |



3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

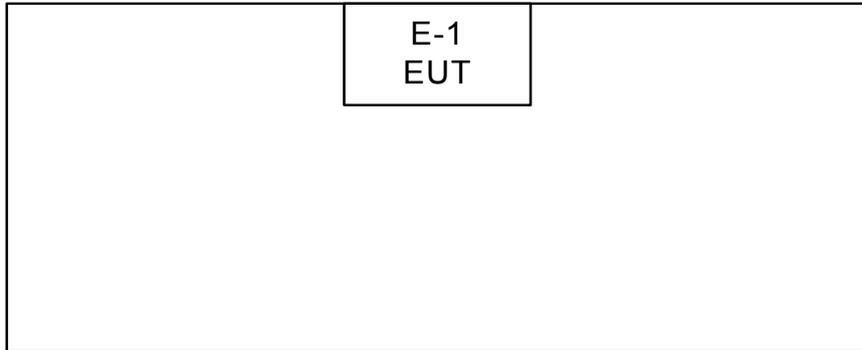
| Test software version | Cart | | |
|-----------------------|----------|---------|----------|
| Frequency | 5180 MHz | 5200MHz | 5240 MHz |
| A Mode | 13 | 13 | 13 |
| Frequency | 5260 | 5280 | 5320 |
| A Mode | 13 | 13 | 13 |
| Frequency | 5500 | 5580 | 5700 |
| A Mode | 13 | 13 | 13 |

| Test software version | Cart | | |
|-----------------------|----------|---------|----------|
| Frequency | 5180 MHz | 5200MHz | 5240 MHz |
| N20 Mode | 13 | 13 | 13 |
| Frequency | 5260 | 5280 | 5320 |
| N20 Mode | 13 | 13 | 13 |
| Frequency | 5500 | 5580 | 5700 |
| N20 Mode | 13 | 13 | 13 |

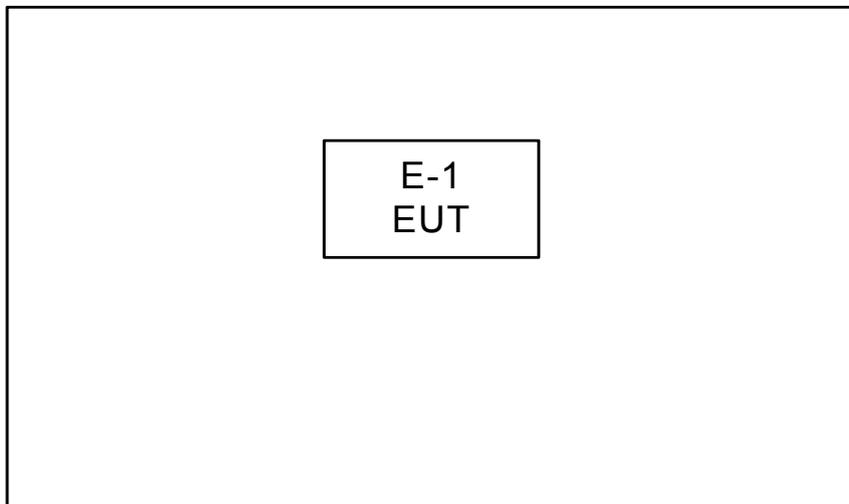


3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Mode:



Radiated Mode:





3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Mfr/Brand | Model/Type No. | FCC ID | Series No. | Note |
|------|-----------|-----------|----------------|-------------|------------|------|
| E-1 | Tablet | HUAWEI | S10-201w | QISS10-201W | N/A | EUT |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| - | - | - | - | - |

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in m in 『Length』 column.



4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

| FREQUENCY (MHz) | Class A (dBUV) | | Class B (dBUV) | |
|-----------------|----------------|---------|----------------|-----------|
| | Quasi-peak | Average | Quasi-peak | Average |
| 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * |
| 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 |
| 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 |

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|----------------|------------------|------------------|
| 1 | LISN | EMCO | 3816/2 | 00052765 | May.26.2012 | May.04.2013 |
| 2 | LISN | R&S | ENV216 | 100087 | May.26.2012 | May.04.2013 |
| 3 | Test Cable | N/A | C_17 | N/A | Mar.18.2012 | Mar.28.2013 |
| 4 | EMI TEST RECEIVER | R&S | ESCS30 | 826547/02 2 | May.26.2012 | May.04.2013 |
| 5 | 50Ω Terminator | SHX | TF2-3G-A | 08122902 | May.26.2012 | May.04.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

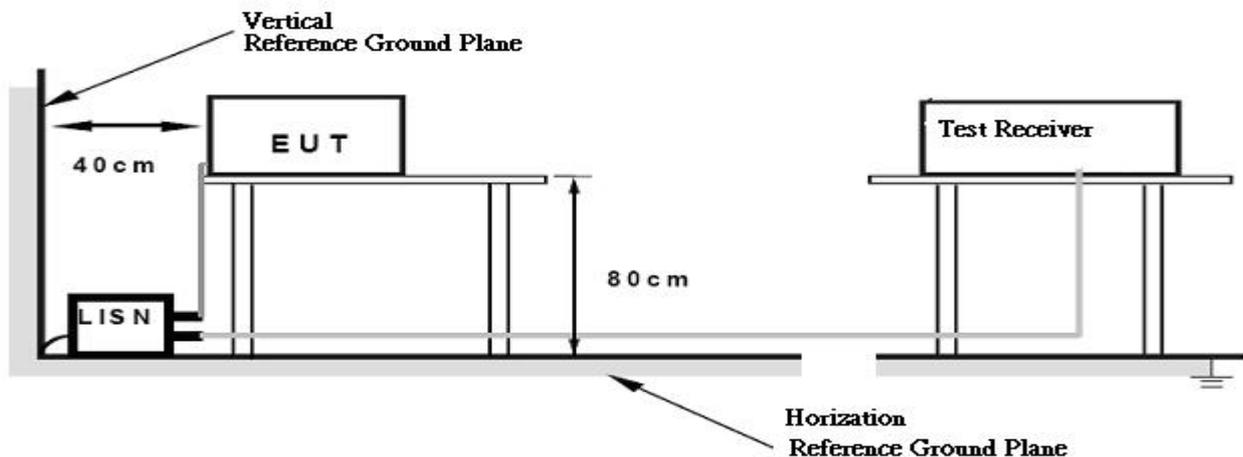
4.1.3 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT was programmed to be in continuously transmitting/Normal Link mode.



4.1.7 TEST RESULTS

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.



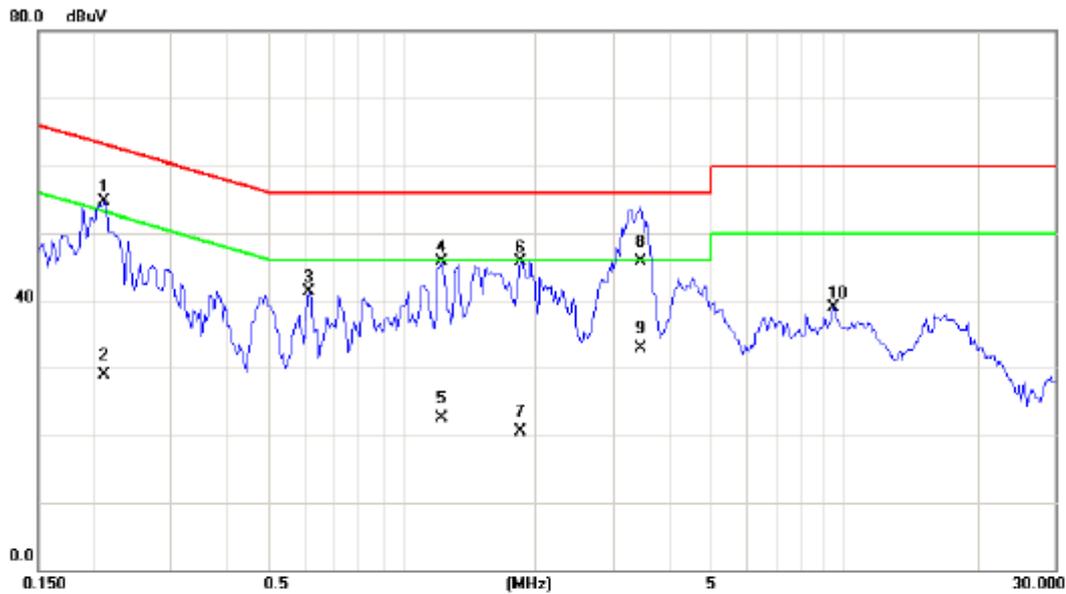
| | | | |
|---------------|---------------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Pressure : | 1010hPa | Test Power : | AC 120V/60Hz |
| Test Mode : | Normal Link HK Adapter | Phase: | Line |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV | Limit dBuV | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|------------------|------------|---------|----------|---------|
| 1 | 0.2008 | 39.75 | 9.85 | 49.60 | 63.58 | -13.98 | peak | |
| 2 | 0.2008 | 17.60 | 9.85 | 27.45 | 63.58 | -36.13 | QP | |
| 3 | 0.4977 | 30.91 | 9.83 | 40.74 | 56.04 | -15.30 | peak | |
| 4 | 0.6070 | 31.84 | 9.82 | 41.66 | 56.00 | -14.34 | peak | |
| 5 | 1.2242 | 35.25 | 9.84 | 45.09 | 56.00 | -10.91 | peak | |
| 6 | 1.2242 | 11.20 | 9.84 | 21.04 | 46.00 | -24.96 | AVG | |
| 7 | 1.8297 | 36.25 | 9.86 | 46.11 | 56.00 | -9.89 | peak | |
| 8 | 1.8297 | 13.80 | 9.86 | 23.66 | 46.00 | -22.34 | AVG | |
| 9 * | 3.3281 | 38.60 | 9.90 | 48.50 | 56.00 | -7.50 | QP | |
| 10 | 3.3281 | 23.10 | 9.90 | 33.00 | 46.00 | -13.00 | AVG | |



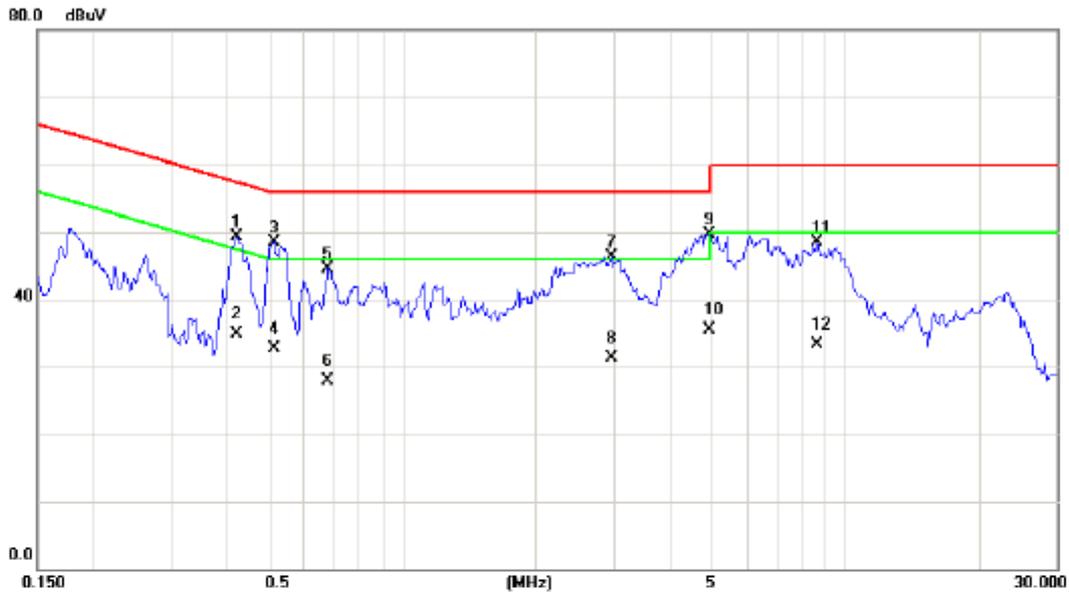
| | | | |
|---------------|---------------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Pressure : | 1010hPa | Test Power : | AC 120V/60Hz |
| Test Mode : | Normal Link HK Adapter | Phase: | Neutral |



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 | * | 0.2125 | 44.77 | 9.85 | 54.62 | 63.11 | -8.49 | peak | |
| 2 | | 0.2125 | 19.00 | 9.85 | 28.85 | 53.11 | -24.26 | AVG | |
| 3 | | 0.6148 | 31.39 | 9.82 | 41.21 | 56.00 | -14.79 | peak | |
| 4 | | 1.2281 | 35.74 | 9.88 | 45.62 | 56.00 | -10.38 | peak | |
| 5 | | 1.2281 | 12.70 | 9.88 | 22.58 | 46.00 | -23.42 | AVG | |
| 6 | | 1.8570 | 35.83 | 9.92 | 45.75 | 56.00 | -10.25 | peak | |
| 7 | | 1.8570 | 10.60 | 9.92 | 20.52 | 46.00 | -25.48 | AVG | |
| 8 | | 3.4688 | 35.70 | 9.94 | 45.64 | 56.00 | -10.36 | QP | |
| 9 | | 3.4688 | 23.00 | 9.94 | 32.94 | 46.00 | -13.06 | AVG | |
| 10 | | 9.4805 | 28.78 | 10.13 | 38.91 | 60.00 | -21.09 | peak | |



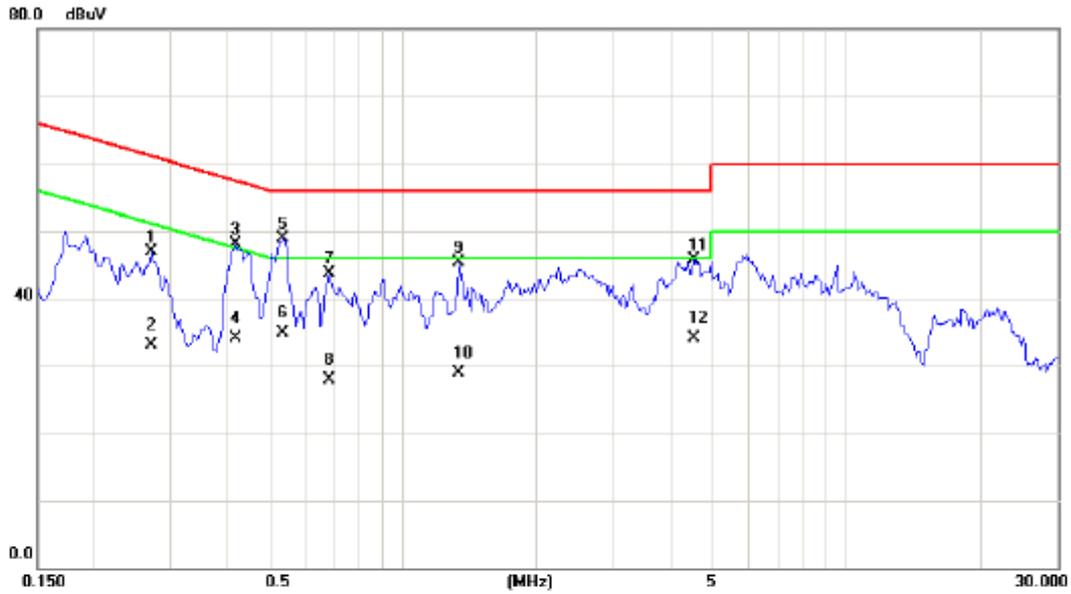
| | | | |
|---------------|---------------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Pressure : | 1010hPa | Test Power : | AC 120V/60Hz |
| Test Mode : | Normal Link QX Adapter | Phase: | Line |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV | Limit dBuV | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|------------------|------------|---------|----------|---------|
| 1 | 0.4234 | 39.39 | 9.84 | 49.23 | 57.38 | -8.15 | peak | |
| 2 | 0.4234 | 25.00 | 9.84 | 34.84 | 47.38 | -12.54 | AVG | |
| 3 | 0.5132 | 38.77 | 9.83 | 48.60 | 56.00 | -7.40 | peak | |
| 4 | 0.5132 | 22.80 | 9.83 | 32.63 | 46.00 | -13.37 | AVG | |
| 5 | 0.6813 | 34.69 | 9.83 | 44.52 | 56.00 | -11.48 | peak | |
| 6 | 0.6813 | 18.00 | 9.83 | 27.83 | 46.00 | -18.17 | AVG | |
| 7 | 2.9703 | 36.44 | 9.89 | 46.33 | 56.00 | -9.67 | peak | |
| 8 | 2.9703 | 21.40 | 9.89 | 31.29 | 46.00 | -14.71 | AVG | |
| 9 * | 4.9492 | 39.81 | 9.93 | 49.74 | 56.00 | -6.26 | peak | |
| 10 | 4.9492 | 25.60 | 9.93 | 35.53 | 46.00 | -10.47 | AVG | |
| 11 | 8.6406 | 38.51 | 10.06 | 48.57 | 60.00 | -11.43 | peak | |
| 12 | 8.6406 | 23.20 | 10.06 | 33.26 | 50.00 | -16.74 | AVG | |



| | | | |
|---------------|---------------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Pressure : | 1010hPa | Test Power : | AC 120V/60Hz |
| Test Mode : | Normal Link QX Adapter | Phase: | Neutral |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV | Limit dBuV | Over dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 | 0.2711 | 36.97 | 9.84 | 46.81 | 61.08 | -14.27 | peak | |
| 2 | 0.2711 | 23.30 | 9.84 | 33.14 | 51.08 | -17.94 | AVG | |
| 3 | 0.4195 | 38.36 | 9.84 | 48.20 | 57.46 | -9.26 | peak | |
| 4 | 0.4195 | 24.20 | 9.84 | 34.04 | 47.46 | -13.42 | AVG | |
| 5 * | 0.5406 | 39.02 | 9.83 | 48.85 | 56.00 | -7.15 | peak | |
| 6 | 0.5406 | 25.00 | 9.83 | 34.83 | 46.00 | -11.17 | AVG | |
| 7 | 0.6852 | 33.81 | 9.83 | 43.64 | 56.00 | -12.36 | peak | |
| 8 | 0.6852 | 18.00 | 9.83 | 27.83 | 46.00 | -18.17 | AVG | |
| 9 | 1.3375 | 35.33 | 9.89 | 45.22 | 56.00 | -10.78 | peak | |
| 10 | 1.3375 | 19.00 | 9.89 | 28.89 | 46.00 | -17.11 | AVG | |
| 11 | 4.5391 | 35.78 | 9.96 | 45.74 | 56.00 | -10.26 | peak | |
| 12 | 4.5391 | 24.10 | 9.96 | 34.06 | 46.00 | -11.94 | AVG | |



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies (MHz) | Field Strength (micorvolts/meter) | Measurement Distance (meters) |
|-------------------|-----------------------------------|-------------------------------|
| 0.490~1.705 | 24000/F(KHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| FREQUENCY (MHz) | (dBuV/m) (at 1.5m) | |
|-----------------|--------------------|---------|
| | PEAK | AVERAGE |
| Above 1000 | 80 | 60 |

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
 The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
 Distance extrapolation factor = 20 log (3m/1.5m) dB ;
 Limit line = specific limits (dBuV) + 6 dB
- (4) For the following data, measurements were performed at a separation distance of 1 meter.
 The field strength was then converted to EIRP per KDB 789033:
 $EIRP [dBm] = E[dBuV/m] + 20 \log(d[meters]) - 104.77$
 EIRP is the equivalent isotropically radiated power in Watts
 E is the field strength
 D is the measurement distance



LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

| Frequencies (MHz) | EIRP Limit (dBm) | Equivalent Field Strength at 3m (dBμV/m) |
|-------------------|------------------|--|
| 5150~5250 | -27 | 68.3 |
| 5250~5350 | -27 | 68.3 |
| 5470~5725 | -27 | 68.3 |
| 5725~5825 | -27 | 68.3 |
| | -17 | 78.3 |

NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{100000 \sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$



4.2.2 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------------|--------------|-----------|------------|------------------|------------------|
| 1 | Antenna | Schwarbeck | VULB9160 | 9160-3232 | Jun .04.2012 | May.25.2013 |
| 2 | Amplifier | HP | 8447D | 2944A09673 | May.26.2012 | May.04.2013 |
| 3 | Test Receiver | R&S | ESCI | 100382 | May.26.2012 | May.04.2013 |
| 4 | Test Cable | N/A | C-01_CB03 | N/A | Jul.01.2012 | Jul.01.2013 |
| 5 | Antenna | ETS | 3115 | 00075789 | May.26.2012 | May.25.2013 |
| 6 | Amplifier | Agilent | 8449B | 3008A02274 | May.26.2012 | May.04.2013 |
| 7 | Spectrum | Agilent | E4408B | US39240143 | Nov.25.2012 | Nov.25.2013 |
| 8 | Test Cable | HUBER+SUHNER | C-45 | N/A | May.04.2012 | May.02.2013 |
| 9 | Controller | CT | SC100 | N/A | N/A | N/A |
| 10 | Active Loop Antenna | R&S | HFH2-Z2 | 830749/020 | May.26.2012 | May.04.2013 |
| 11 | Broad-Band Horn Antenna | Schwarzbeck | BBHA 9170 | 9170319 | Oct.13.2012 | Oct.13.2013 |
| 12 | Horn Antenna | EMCO | 3115 | 9605-4803 | May.26.2012 | May.25.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

4.2.3 TEST PROCEDURE

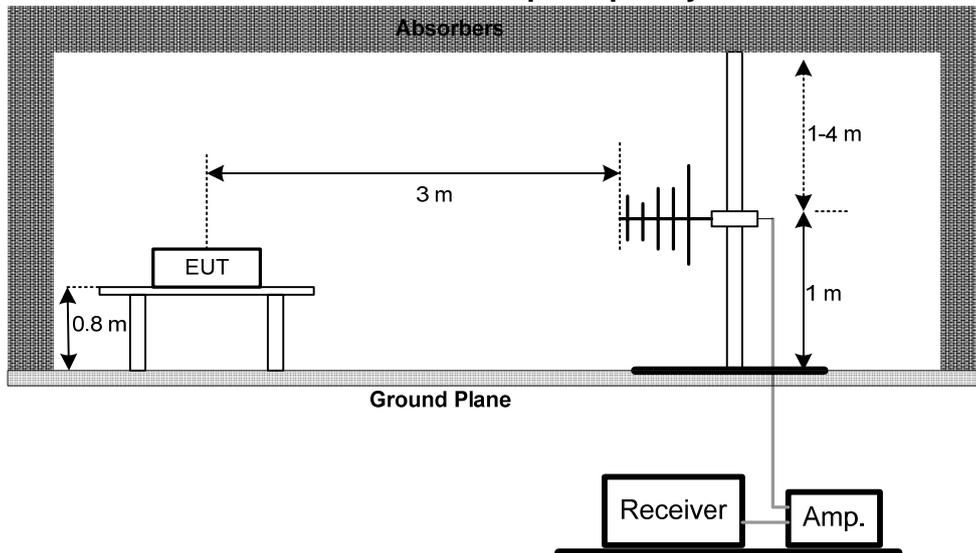
- a. The measuring distance of at 1.5 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

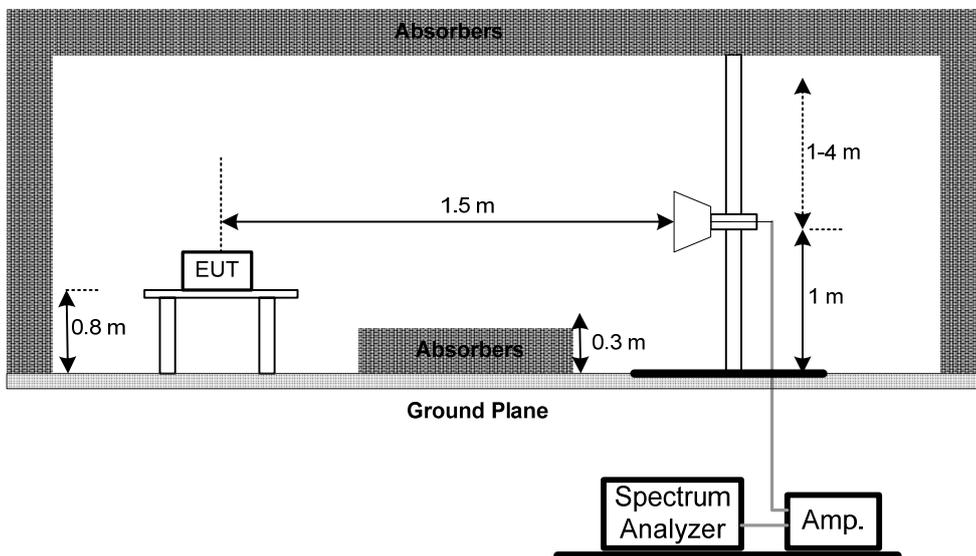
No deviation

4.2.5 TEST SETUP

Radiated Emission Test Set-Up Frequency 30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



4.2.7 TEST RESULTS (BELOW 30MHz)

| | | | |
|---------------|----------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX Mode | | |

| Freq. (MHz) | Ant. 0°/90° | Reading(RA) (dBuV) | Corr.Factor(CF) (dB) | Measured(FS) (dBuV/m) | Limits(QP) (dBuV/m) | Margin (dB) | Note |
|----------------|----------------|-----------------------|-------------------------|--------------------------|------------------------|----------------|------|
| 0.0924 | 0° | 30.72 | 21.55 | 52.27 | 108.29 | -56.02 | QP |
| 0.0930 | 0° | 45.11 | 21.54 | 66.65 | 108.23 | -41.58 | QP |
| 0.1020 | 0° | 34.96 | 21.37 | 56.33 | 107.43 | -51.10 | QP |
| 0.1090 | 0° | 29.77 | 21.26 | 51.03 | 106.86 | -55.83 | QP |
| 0.5300 | 0° | 22.36 | 19.90 | 42.26 | 73.12 | -30.86 | QP |
| 1.2629 | 0° | 23.80 | 19.57 | 43.37 | 65.57 | -22.20 | QP |

| Freq. (MHz) | Ant. 0°/90° | Reading(RA) (dBuV) | Corr.Factor(CF) (dB) | Measured(FS) (dBuV/m) | Limits(QP) (dBuV/m) | Margin (dB) | Note |
|----------------|----------------|-----------------------|-------------------------|--------------------------|------------------------|----------------|------|
| 0.0945 | 90° | 31.74 | 21.51 | 53.25 | 108.10 | -54.85 | QP |
| 0.1038 | 90° | 43.77 | 21.34 | 65.11 | 107.28 | -42.17 | QP |
| 0.1080 | 90° | 29.58 | 21.27 | 50.85 | 106.94 | -56.09 | QP |
| 0.5045 | 90° | 23.63 | 19.81 | 43.44 | 73.55 | -30.11 | QP |
| 0.6247 | 90° | 23.76 | 20.20 | 43.96 | 71.69 | -27.73 | QP |
| 1.2670 | 90° | 24.14 | 19.57 | 43.71 | 65.55 | -21.84 | QP |

Remark :

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported ◦
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB); ◦
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor. ◦



4.2.8 TEST RESULTS-BETWEEN 30MHZ - 1000MHZ

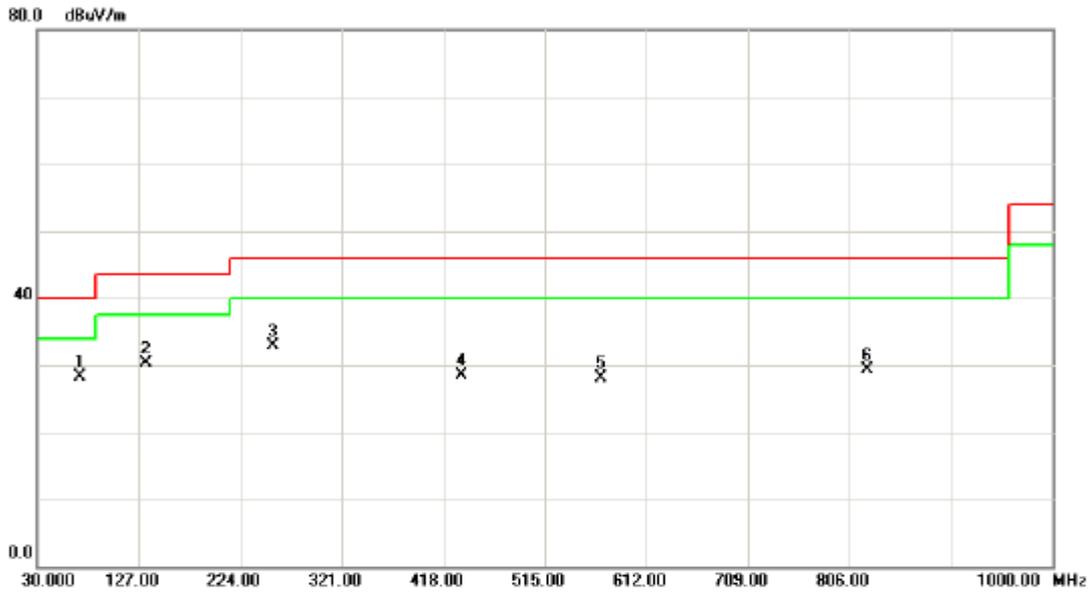
Remark :

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ◦
- (2) All readings are Peak unless otherwise stated QP in column of 『Note 』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz ◦
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦



Neutron Engineering Inc.

| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5180MHz | Phase: | Vertical |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|---------|----------|---------|
| 1 * | 71.2250 | 46.98 | -18.61 | 28.37 | 40.00 | -11.63 | peak | |
| 2 | 134.2750 | 48.58 | -18.20 | 30.38 | 43.50 | -13.12 | peak | |
| 3 | 255.5250 | 47.64 | -14.68 | 32.96 | 46.00 | -13.04 | peak | |
| 4 | 434.9750 | 37.68 | -9.25 | 28.43 | 46.00 | -17.57 | peak | |
| 5 | 568.3500 | 34.31 | -6.19 | 28.12 | 46.00 | -17.88 | peak | |
| 6 | 822.9750 | 32.58 | -3.21 | 29.37 | 46.00 | -16.63 | peak | |



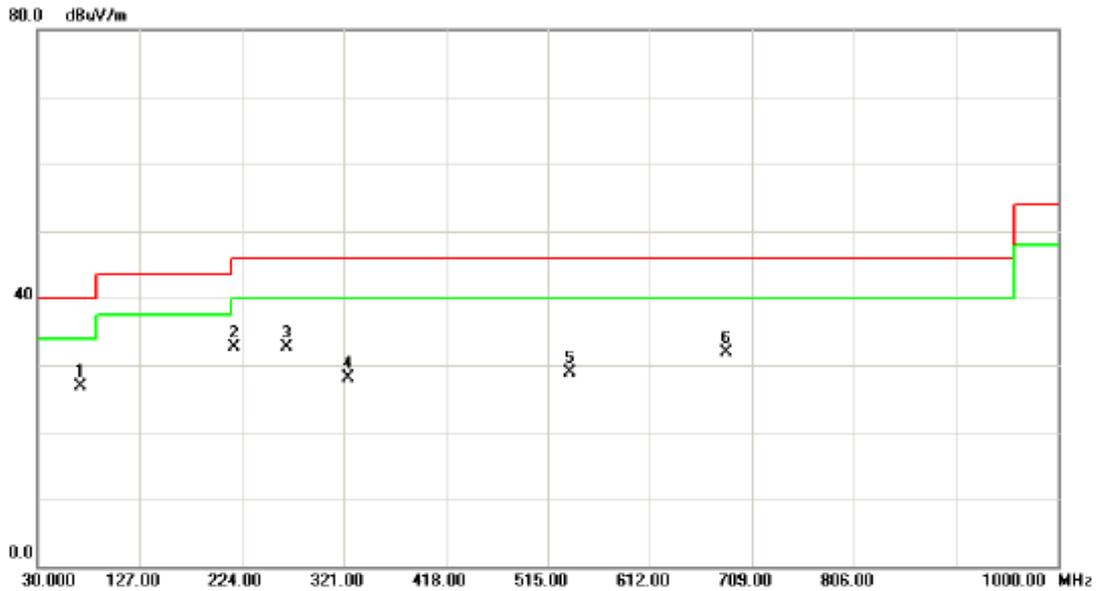
| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5180MHz | Phase: | Horizontal |



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 97.9000 | 47.86 | -18.68 | 29.18 | 43.50 | -14.32 | peak | |
| 2 | | 139.1250 | 46.43 | -18.03 | 28.40 | 43.50 | -15.10 | peak | |
| 3 | | 490.7500 | 37.18 | -8.50 | 28.68 | 46.00 | -17.32 | peak | |
| 4 | | 551.3750 | 38.47 | -6.56 | 31.91 | 46.00 | -14.09 | peak | |
| 5 | | 619.2750 | 35.72 | -5.17 | 30.55 | 46.00 | -15.45 | peak | |
| 6 | * | 832.6750 | 35.78 | -3.03 | 32.75 | 46.00 | -13.25 | peak | |



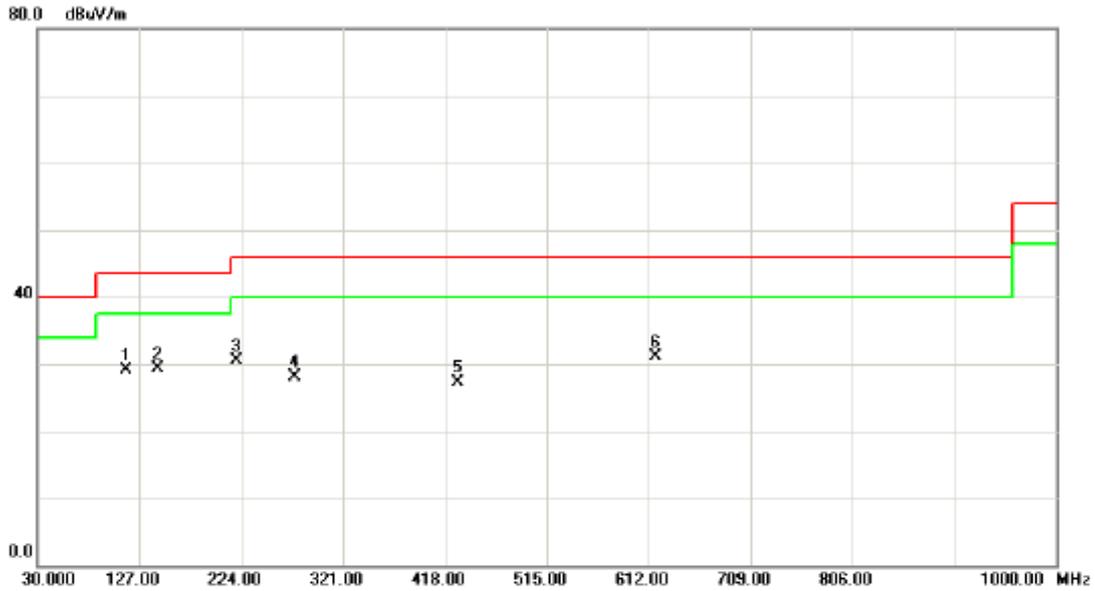
| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5320MHz | Phase: | Vertical |



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | * | 71.2250 | 45.48 | -18.61 | 26.87 | 40.00 | -13.13 | peak | |
| 2 | | 216.7250 | 49.19 | -16.46 | 32.73 | 46.00 | -13.27 | peak | |
| 3 | | 267.6500 | 46.67 | -13.95 | 32.72 | 46.00 | -13.28 | peak | |
| 4 | | 325.8500 | 40.11 | -12.06 | 28.05 | 46.00 | -17.95 | peak | |
| 5 | | 536.8250 | 35.96 | -7.07 | 28.89 | 46.00 | -17.11 | peak | |
| 6 | | 684.7500 | 36.56 | -4.66 | 31.90 | 46.00 | -14.10 | peak | |



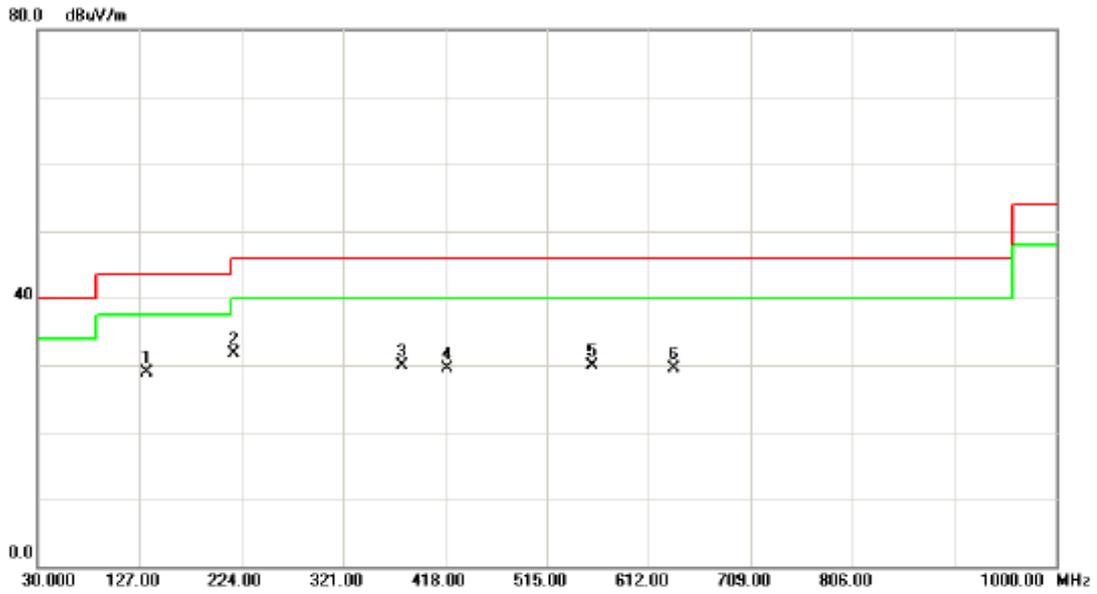
| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5320MHz | Phase: | Horizontal |



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 114.8750 | 47.59 | -18.56 | 29.03 | 43.50 | -14.47 | peak | |
| 2 | * | 143.9750 | 47.27 | -17.93 | 29.34 | 43.50 | -14.16 | peak | |
| 3 | | 219.1500 | 46.80 | -16.35 | 30.45 | 46.00 | -15.55 | peak | |
| 4 | | 274.9250 | 41.55 | -13.49 | 28.06 | 46.00 | -17.94 | peak | |
| 5 | | 430.1250 | 36.55 | -9.33 | 27.22 | 46.00 | -18.78 | peak | |
| 6 | | 619.2750 | 36.22 | -5.17 | 31.05 | 46.00 | -14.95 | peak | |



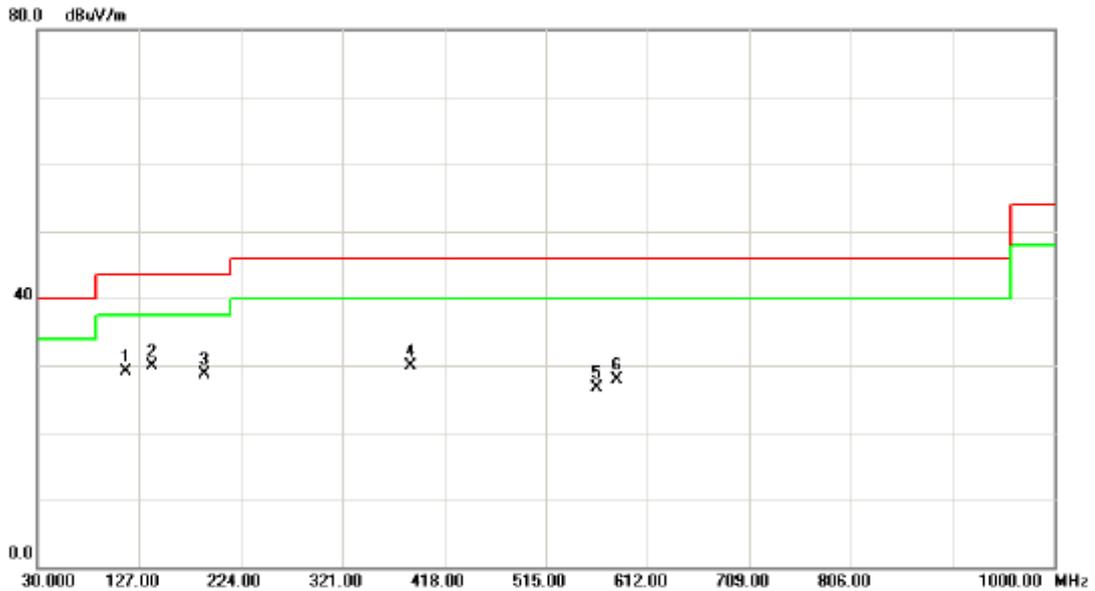
| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5500MHz | Phase: | Vertical |



| No. Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measurement dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|---------|-----------|--------------------|-------------------|--------------------|--------------|---------|----------|---------|
| 1 | 134.2750 | 47.08 | -18.20 | 28.88 | 43.50 | -14.62 | peak | |
| 2 * | 216.7250 | 48.19 | -16.46 | 31.73 | 46.00 | -14.27 | peak | |
| 3 | 376.7750 | 40.51 | -10.61 | 29.90 | 46.00 | -16.10 | peak | |
| 4 | 420.4250 | 38.95 | -9.48 | 29.47 | 46.00 | -16.53 | peak | |
| 5 | 558.6500 | 36.24 | -6.41 | 29.83 | 46.00 | -16.17 | peak | |
| 6 | 636.2500 | 34.43 | -4.89 | 29.54 | 46.00 | -16.46 | peak | |



| | | | |
|---------------|-------------------|---------------------|--------------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25°C | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | AC 120V/60Hz |
| Test Mode : | TX A Mode 5500MHz | Phase: | Horizontal |



| No. | Mk. | Freq. MHz | Reading Level dBuV | Correct Factor dB | Measure- ment dBuV/m | Limit dBuV/m | Over dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1 | | 114.8750 | 47.59 | -18.56 | 29.03 | 43.50 | -14.47 | peak | |
| 2 | * | 139.1250 | 47.93 | -18.03 | 29.90 | 43.50 | -13.60 | peak | |
| 3 | | 190.0500 | 45.89 | -17.09 | 28.80 | 43.50 | -14.70 | peak | |
| 4 | | 386.4750 | 40.10 | -10.27 | 29.83 | 46.00 | -16.17 | peak | |
| 5 | | 563.5000 | 32.96 | -6.30 | 26.66 | 46.00 | -19.34 | peak | |
| 6 | | 582.9000 | 33.71 | -5.86 | 27.85 | 46.00 | -18.15 | peak | |



4.2.9 TEST RESULTS - ABOVE 1000MHZ

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5180MHz | | |

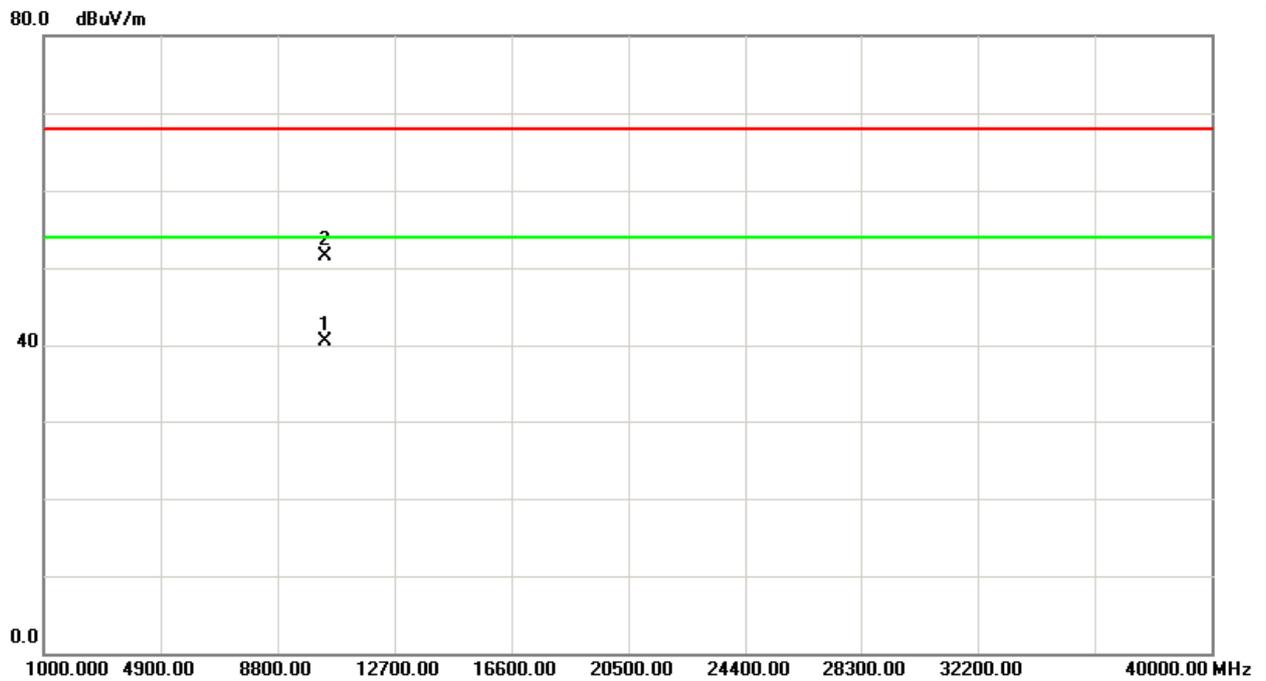
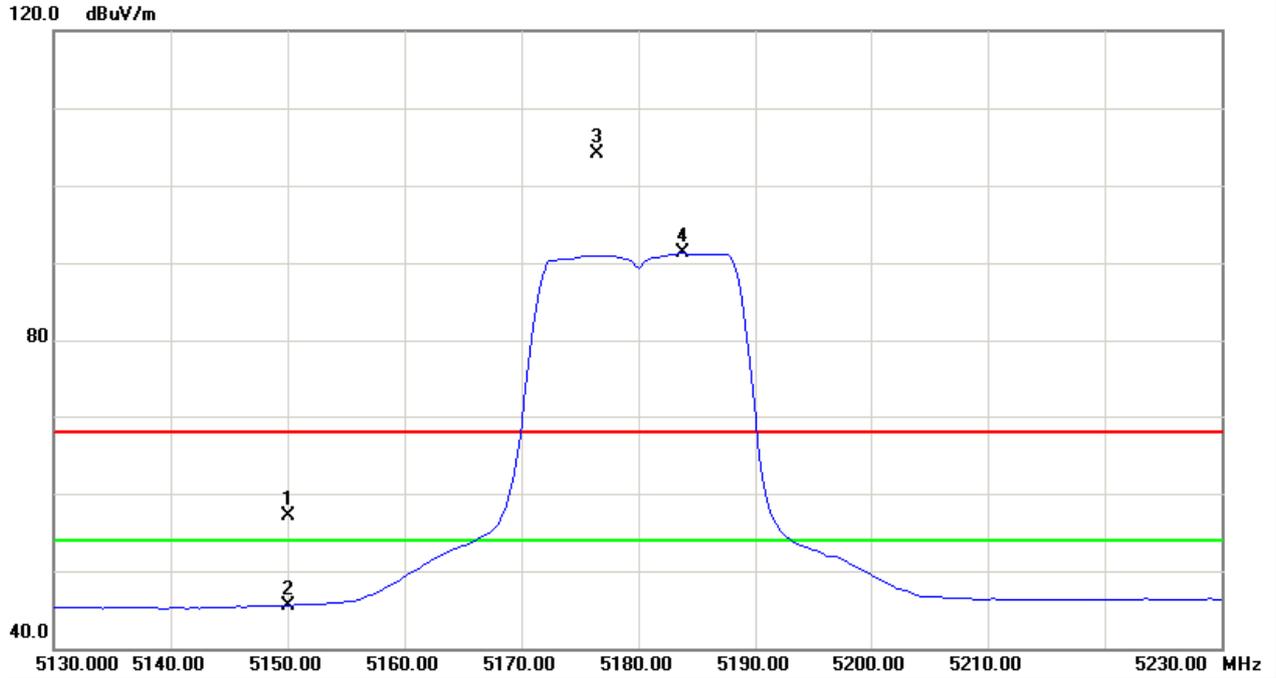
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBUV/m) | | Act.(dBm) | | Limit(dBUV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBUV) | AV (dBUV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5150.00 | V | 39.57 | 28.10 | 17.44 | 57.01 | 45.54 | -47.76 | -59.23 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5183.75 | V | 86.52 | 73.71 | 17.54 | 104.06 | 91.25 | -0.71 | -13.52 | | | | | X/F |
| 10360.31 | V | 37.68 | 26.69 | 13.73 | 51.41 | 40.42 | -53.36 | -64.35 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH36(Above 1000 MHz, Vertical)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5180MHz | | |

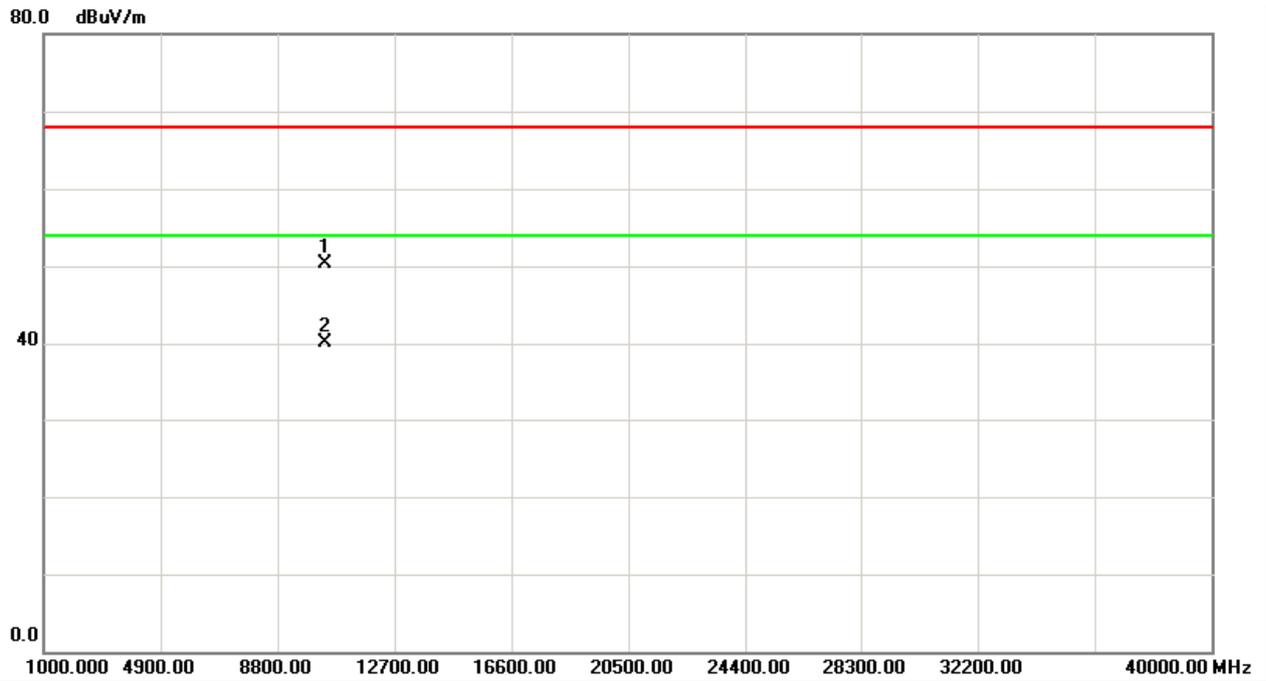
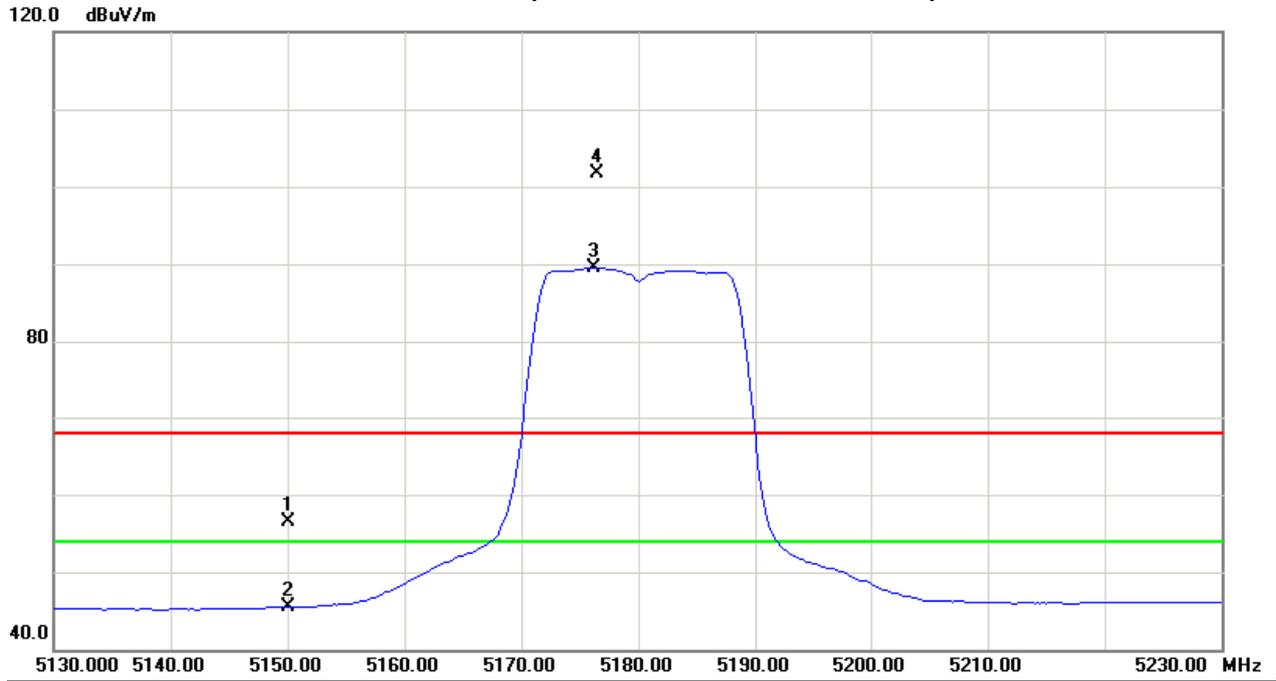
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act. (dBuV/m) | | Act. (dBm) | | Limit(dBuV/m) | | Limit(dBuV/m) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|---------------|-------|------------|--------|---------------|-------|---------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5150.00 | H | 39.11 | 28.00 | 17.44 | 56.55 | 45.44 | -42.22 | -53.33 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5176.25 | H | 84.17 | 71.97 | 17.54 | 101.71 | 89.51 | 2.94 | -9.26 | | | | | X/F |
| 10360.31 | H | 36.53 | 26.39 | 13.73 | 50.26 | 40.12 | -48.51 | -58.65 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH36(Above 1000 MHz, Horizontal)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5200MHz | | |

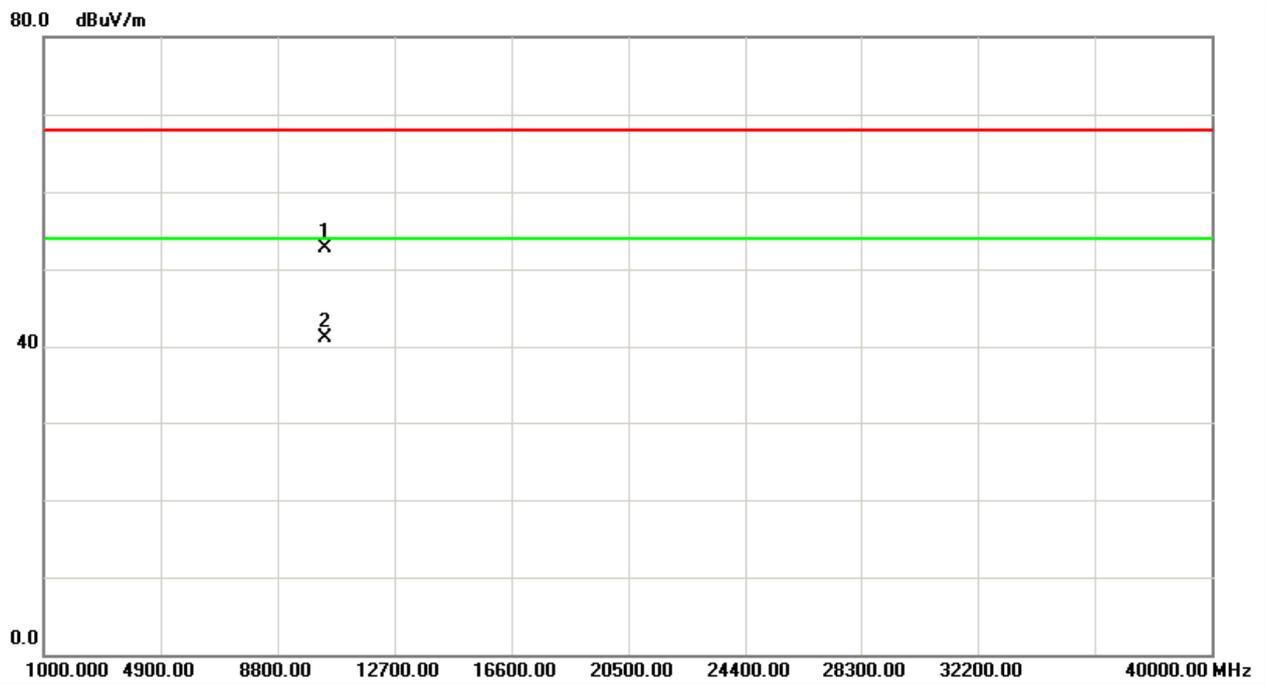
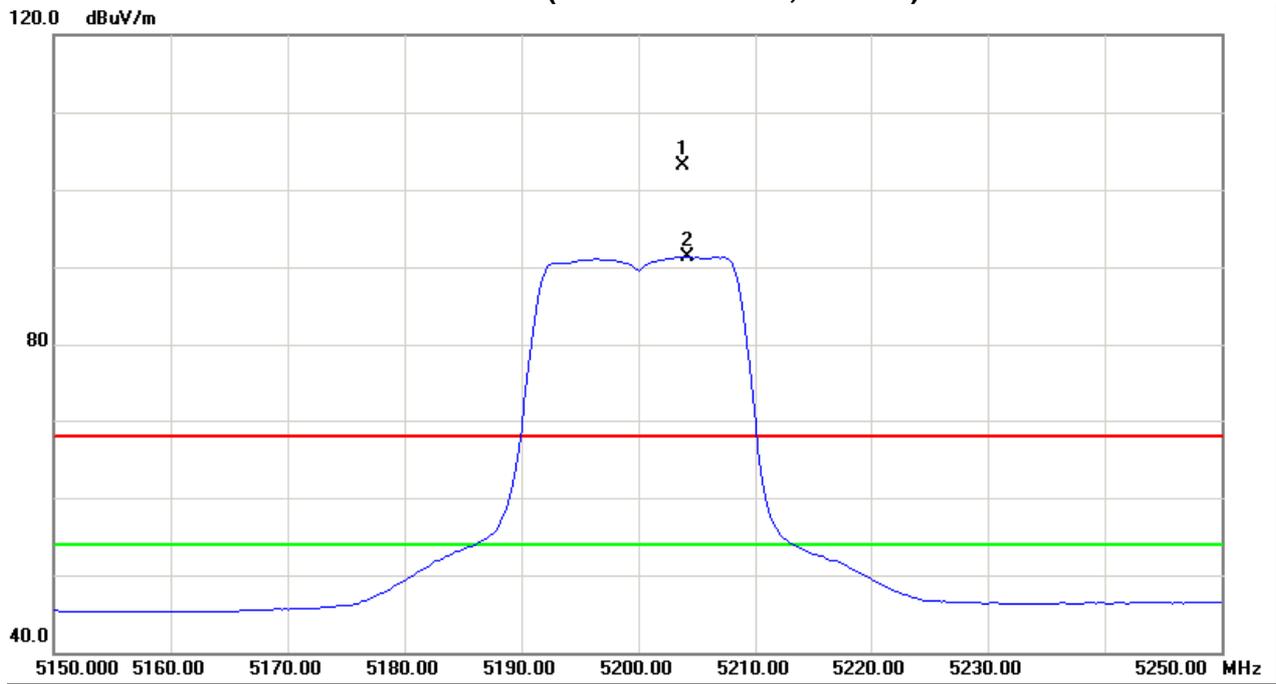
| Freq. (MHz) | Ant. Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|------------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5204.25 | V | 85.47 | 73.64 | 17.63 | 103.10 | 91.27 | -1.67 | -13.50 | | | | | X/F |
| 10400.19 | V | 38.97 | 27.36 | 13.78 | 52.75 | 41.14 | -52.02 | -63.63 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ° “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission °
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH40(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5200MHz | | |

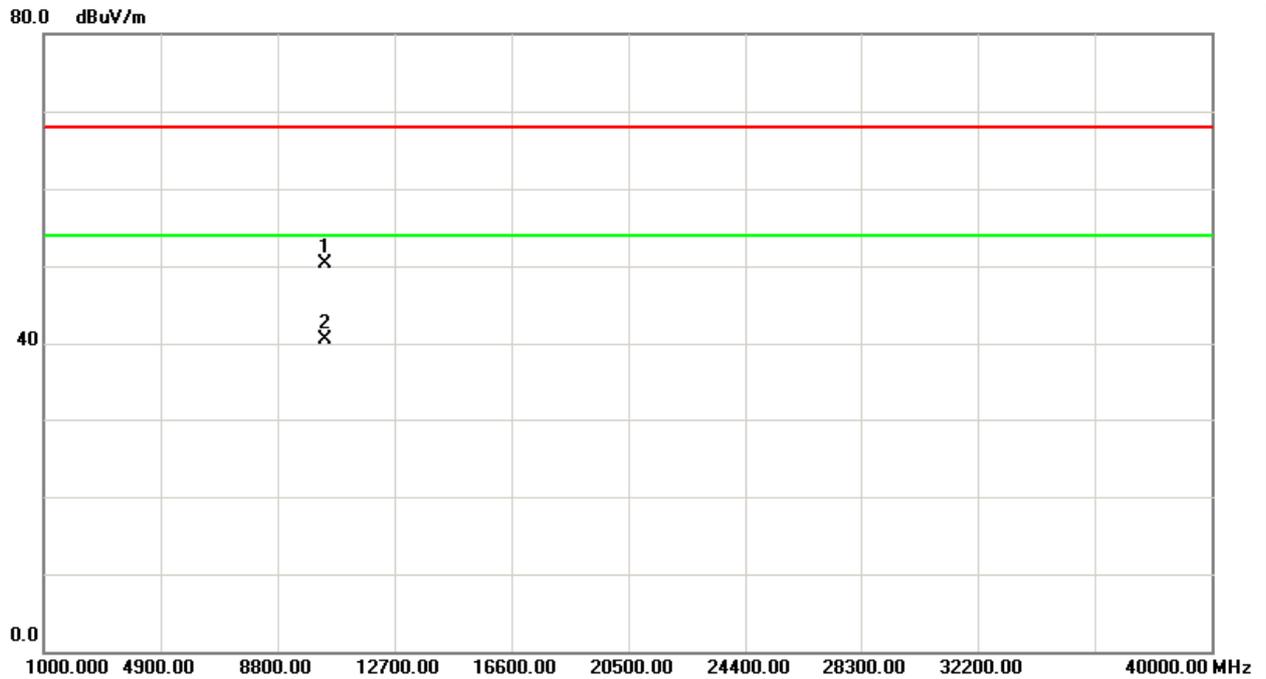
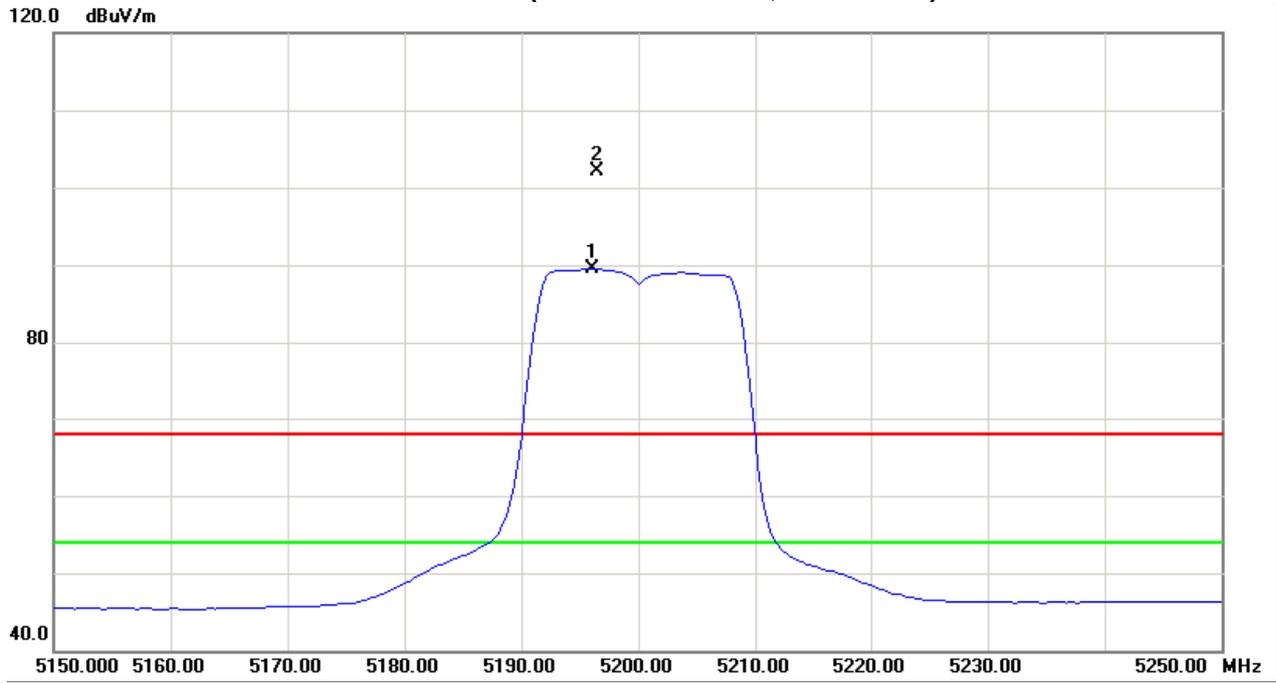
| Freq. (MHz) | Ant.Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5196.00 | H | 84.57 | 71.94 | 17.61 | 102.18 | 89.55 | -2.59 | -15.22 | | | | | X/F |
| 10400.38 | H | 36.47 | 26.78 | 13.78 | 50.25 | 40.56 | -54.52 | -64.21 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH40(Above 1000 MHz, Horizontal)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5240MHz | | |

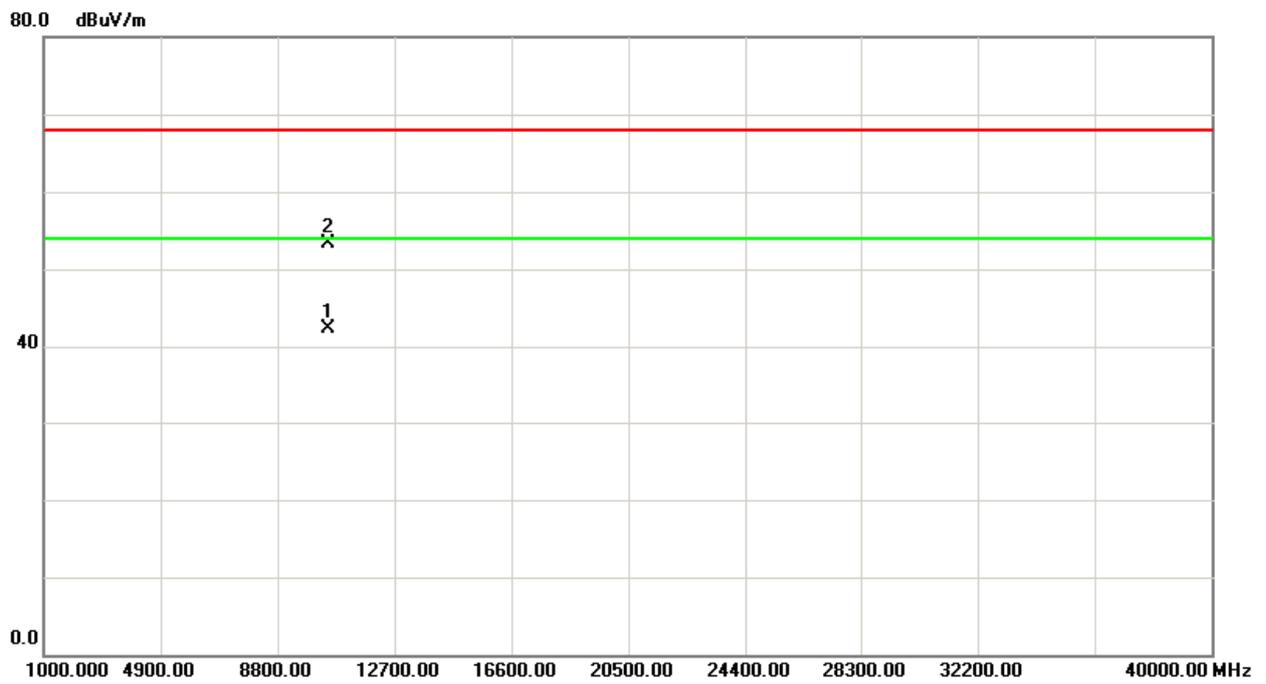
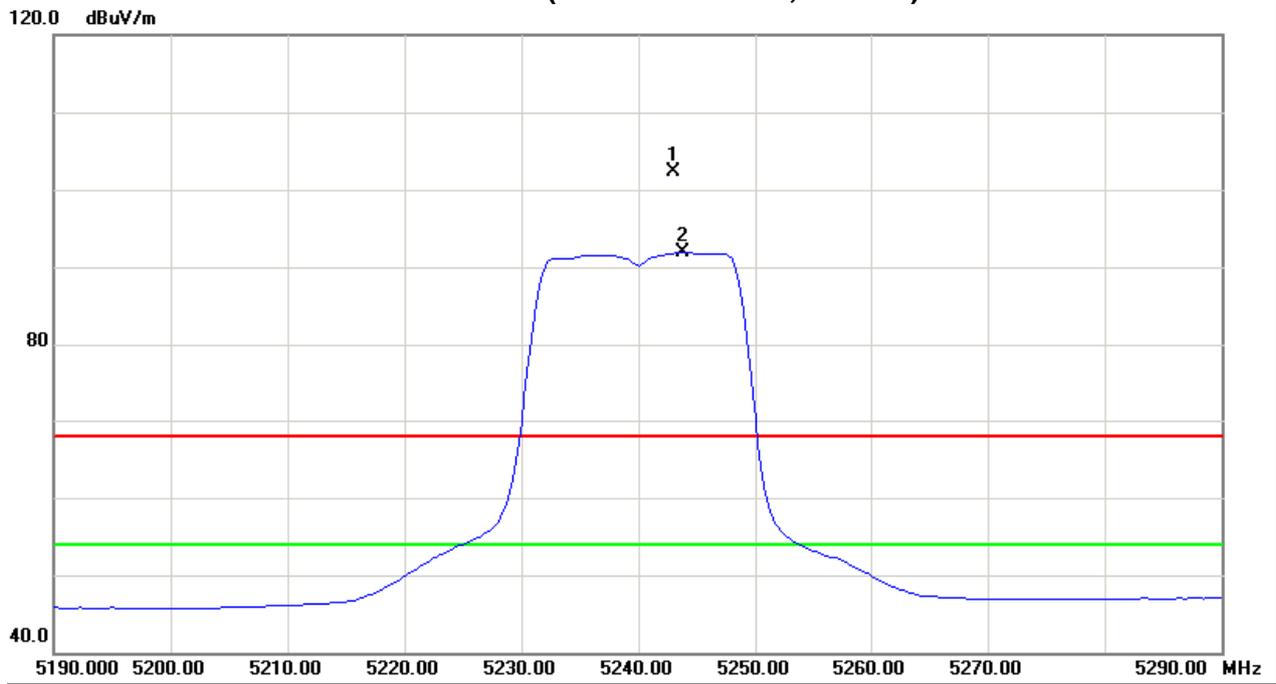
| Freq. (MHz) | Ant. Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|------------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5243.75 | V | 84.59 | 74.14 | 17.77 | 102.36 | 91.91 | -2.41 | -12.86 | | | | | X/F |
| 10480.04 | V | 39.46 | 28.39 | 13.87 | 53.33 | 42.26 | -51.44 | -62.51 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ° “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH48(Above 1000 MHz, Vertical)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX A Mode 5240MHz | | |

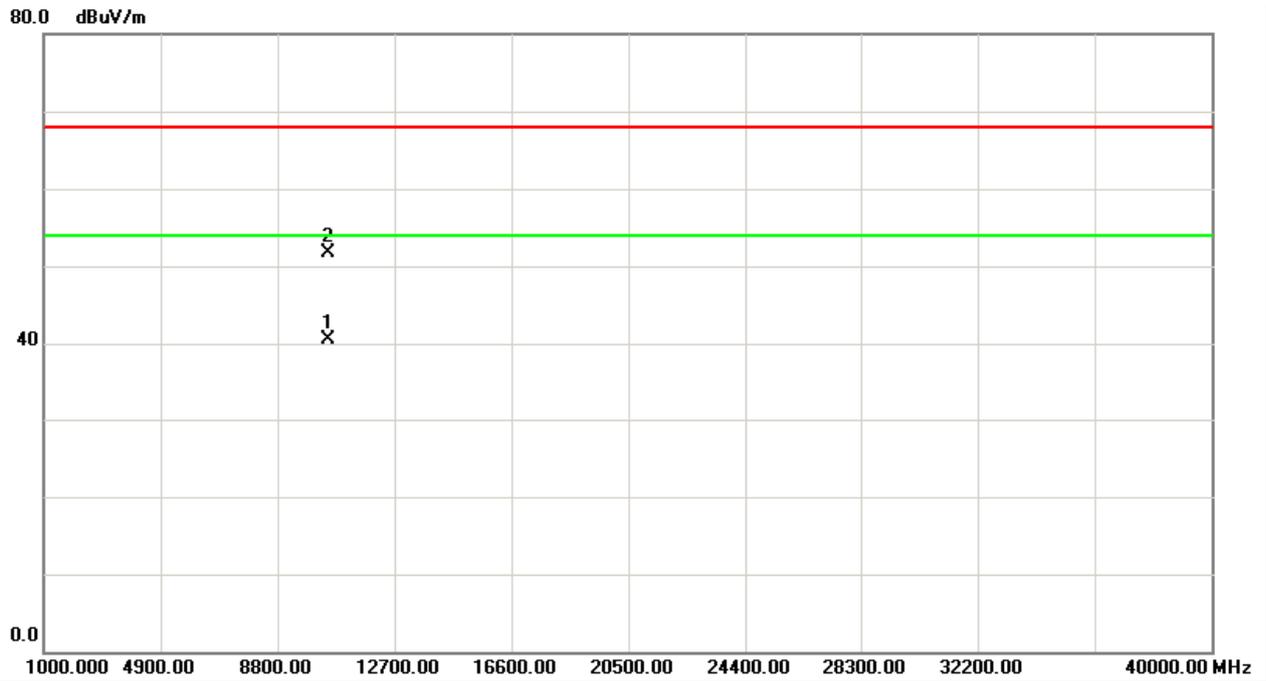
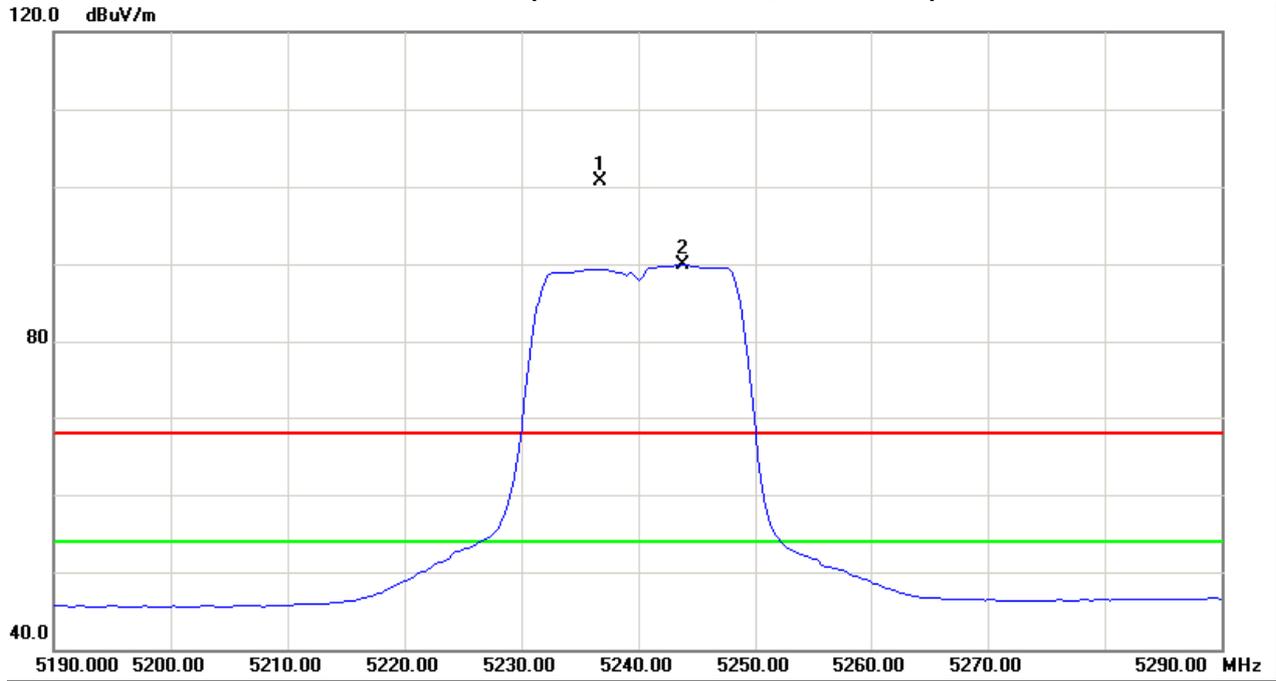
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act. (dBuV/m) | | Act. (dBm) | | Limit (dBuV/m) | | Limit (dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|---------------|-------|------------|--------|----------------|----|-------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5243.75 | H | 83.00 | 72.09 | 17.77 | 100.77 | 89.86 | -4.00 | -14.91 | | | | | X/F |
| 10480.15 | H | 37.90 | 26.54 | 13.87 | 51.77 | 40.41 | -53.00 | -64.36 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH48(Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5180MHz | | |

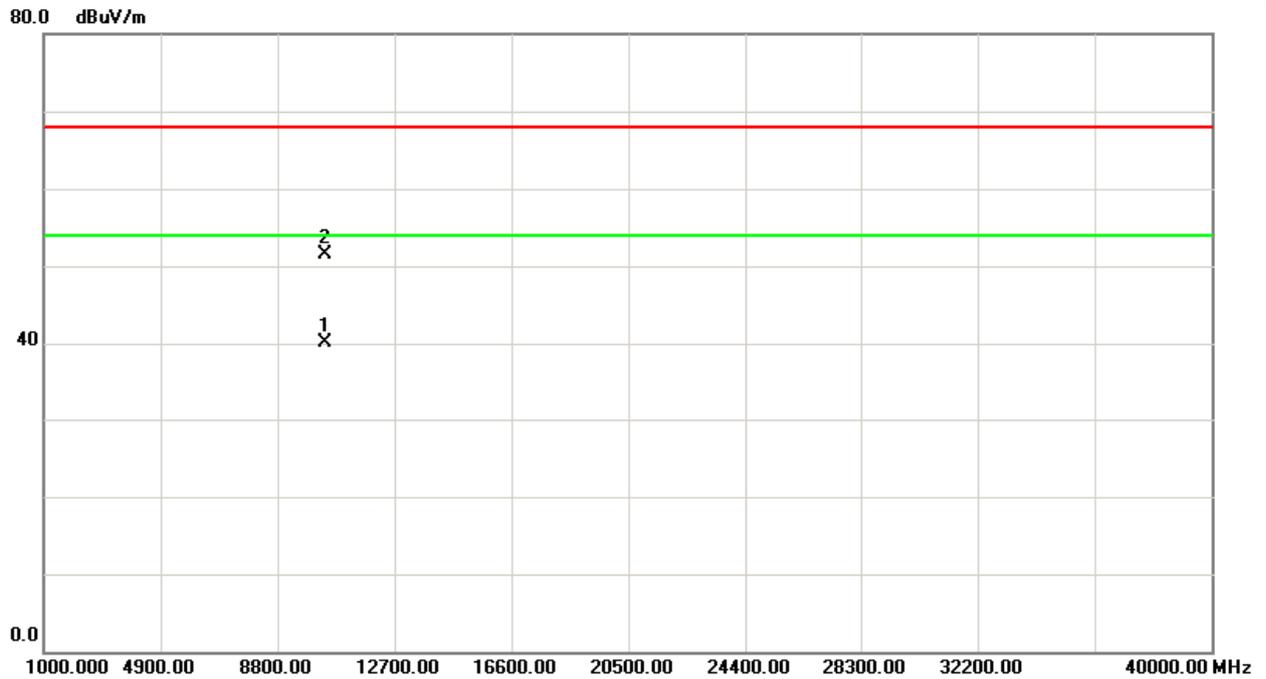
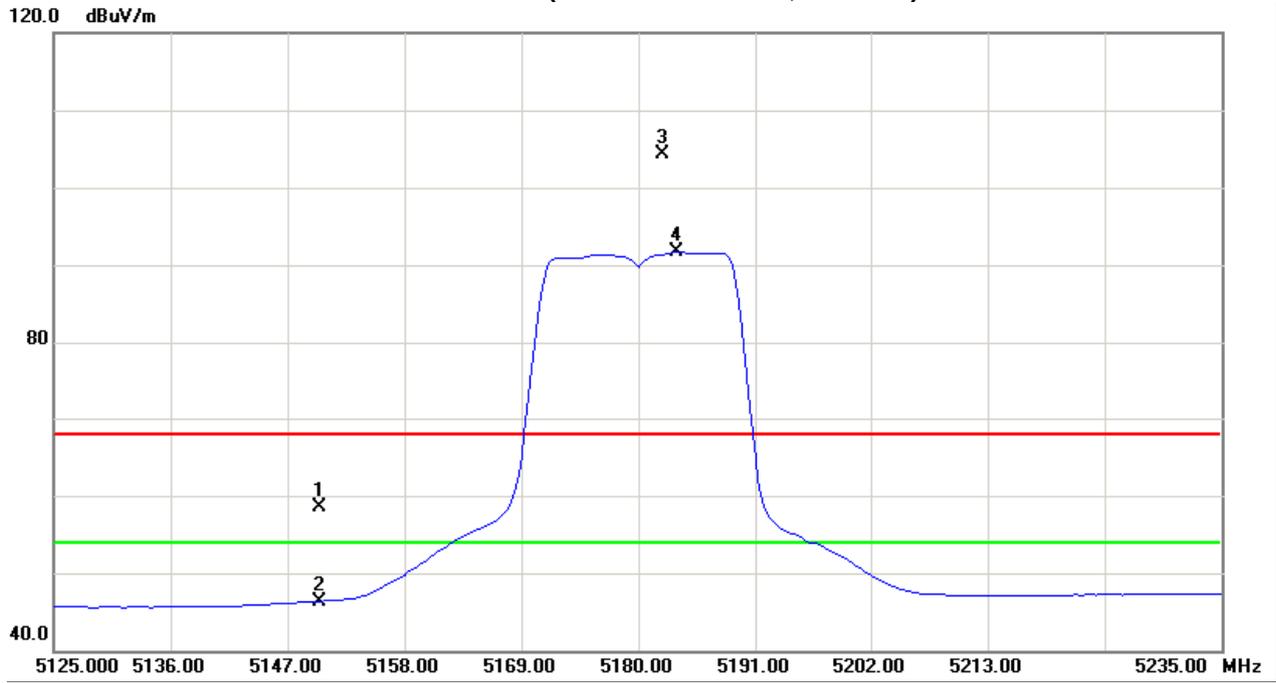
| Freq. (MHz) | Ant. Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|------------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5150.00 | V | 41.05 | 28.92 | 17.44 | 58.49 | 46.36 | -46.28 | -58.41 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5183.58 | V | 86.81 | 74.13 | 17.56 | 104.37 | 91.69 | -0.40 | -13.08 | | | | | X/F |
| 10360.23 | V | 37.76 | 26.38 | 13.73 | 51.49 | 40.11 | -53.28 | -64.66 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH36(Above 1000 MHz, Vertical)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5180MHz | | |

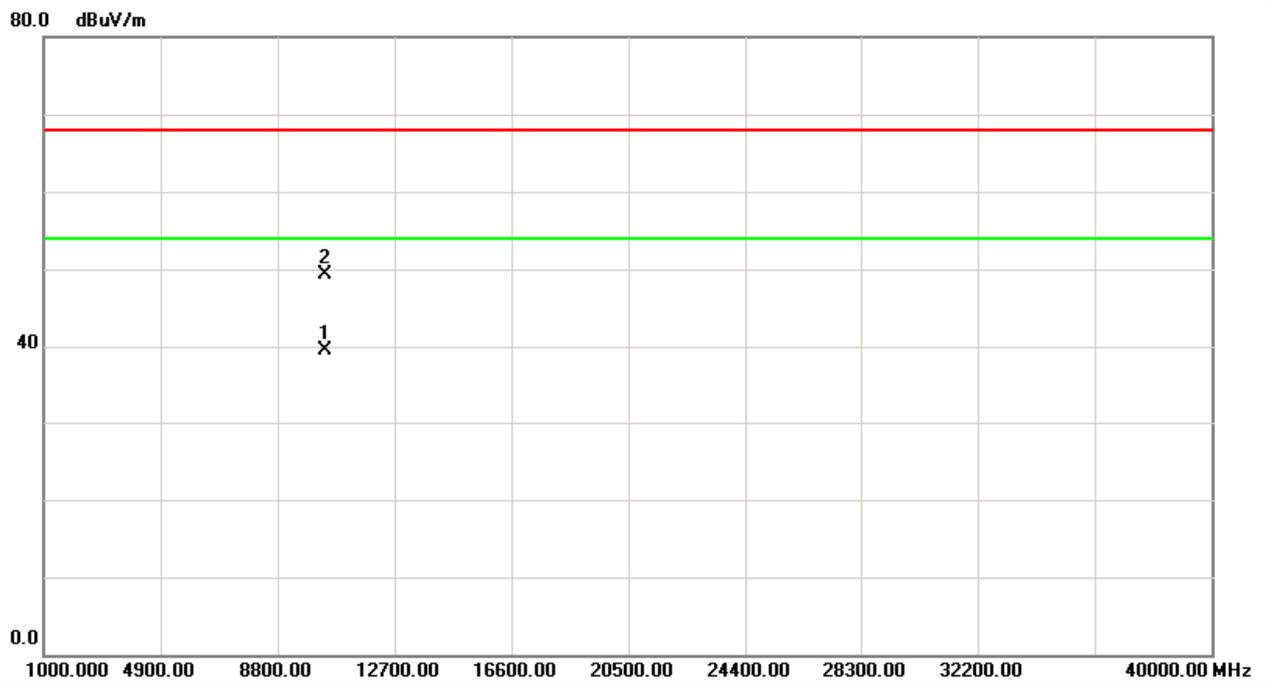
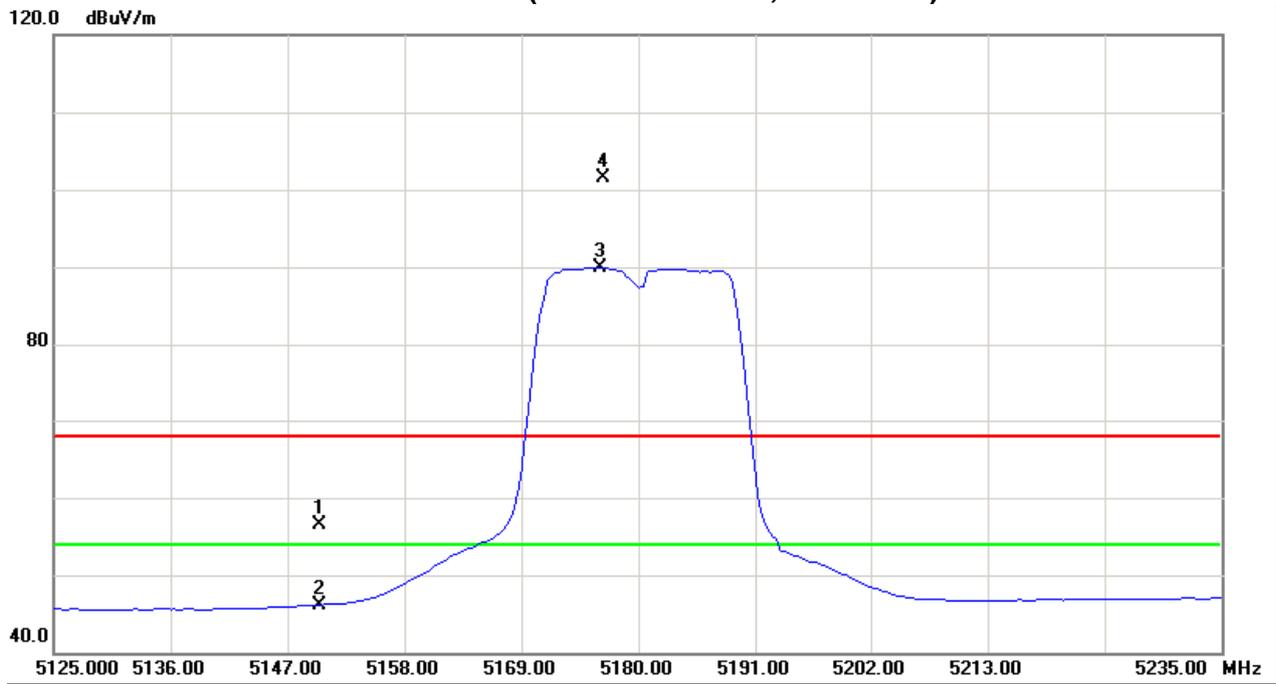
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5150.00 | H | 9.08 | 28.72 | 17.44 | 26.52 | 46.16 | -78.25 | -58.61 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5176.43 | H | 84.00 | 72.42 | 17.54 | 101.54 | 89.96 | -3.23 | -14.81 | | | | | X/F |
| 10360.13 | H | 35.52 | 25.78 | 13.73 | 49.25 | 39.51 | -55.52 | -65.26 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH36(Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5200MHz | | |

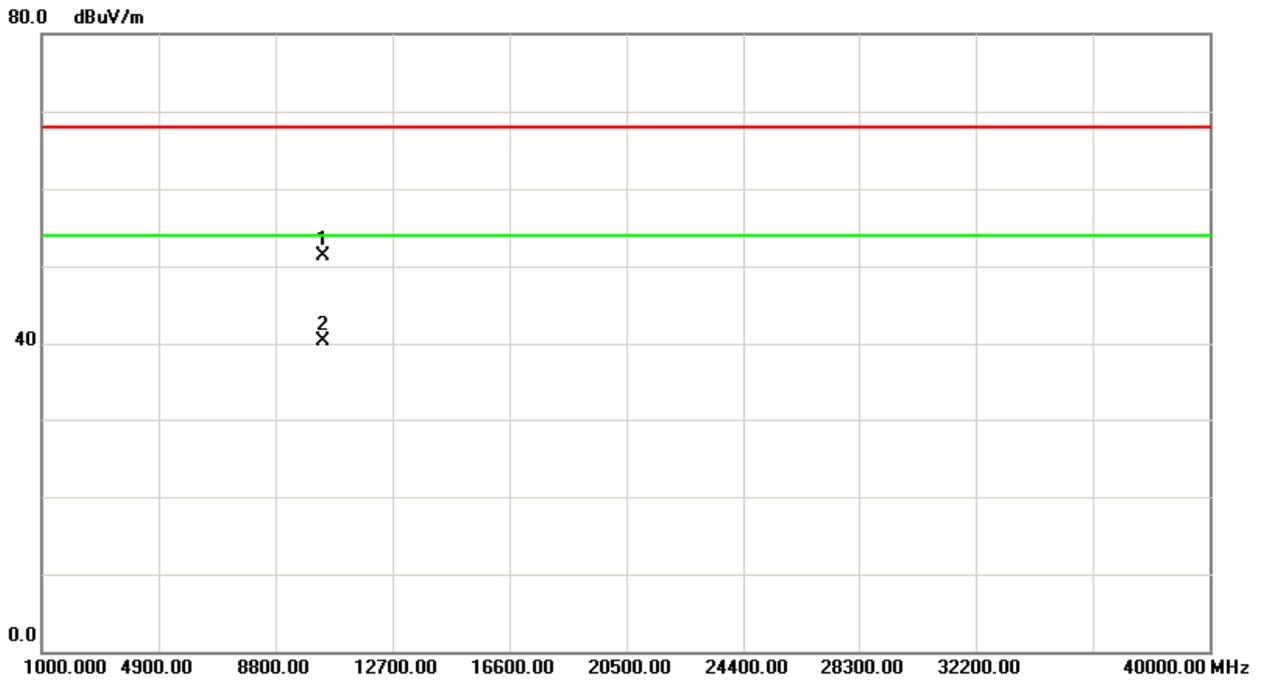
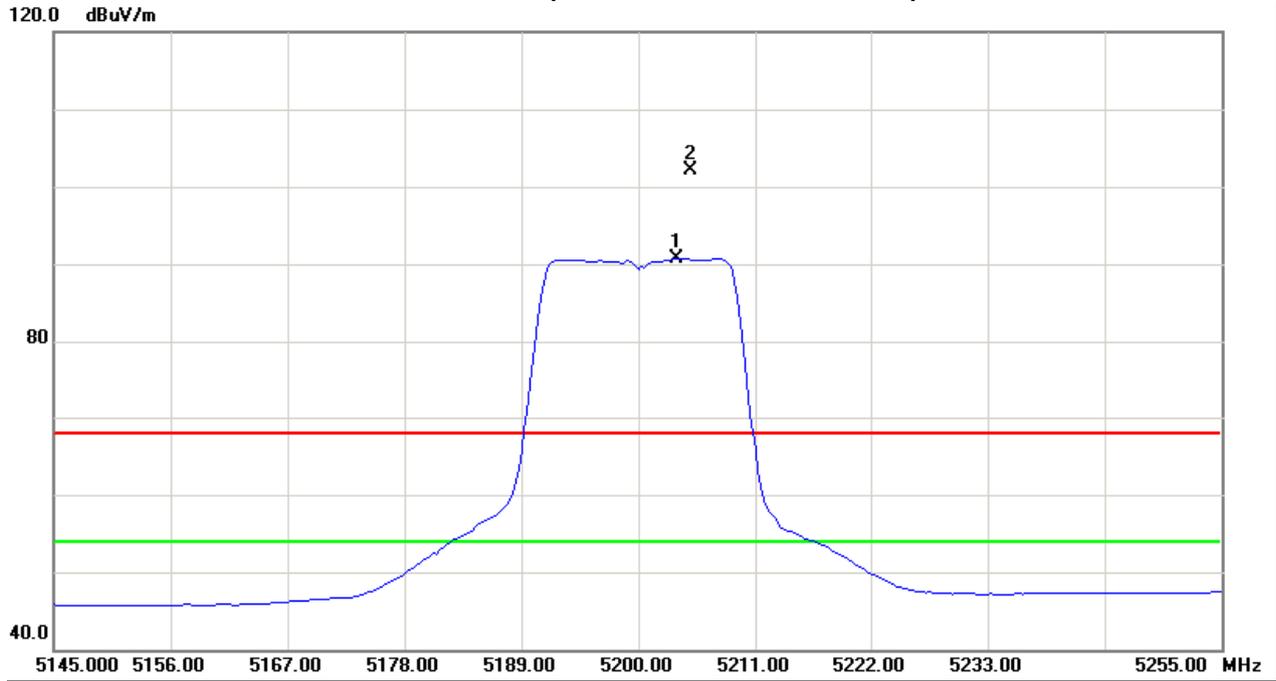
| Freq. (MHz) | Ant. Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|------------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5203.58 | V | 84.39 | 73.10 | 17.63 | 102.02 | 90.73 | -2.75 | -14.04 | | | | | X/F |
| 10400.35 | V | 7.48 | 26.46 | 13.78 | 21.26 | 40.24 | -83.51 | -64.53 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH40(Above 1000 MHz, Vertical)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5200MHz | | |

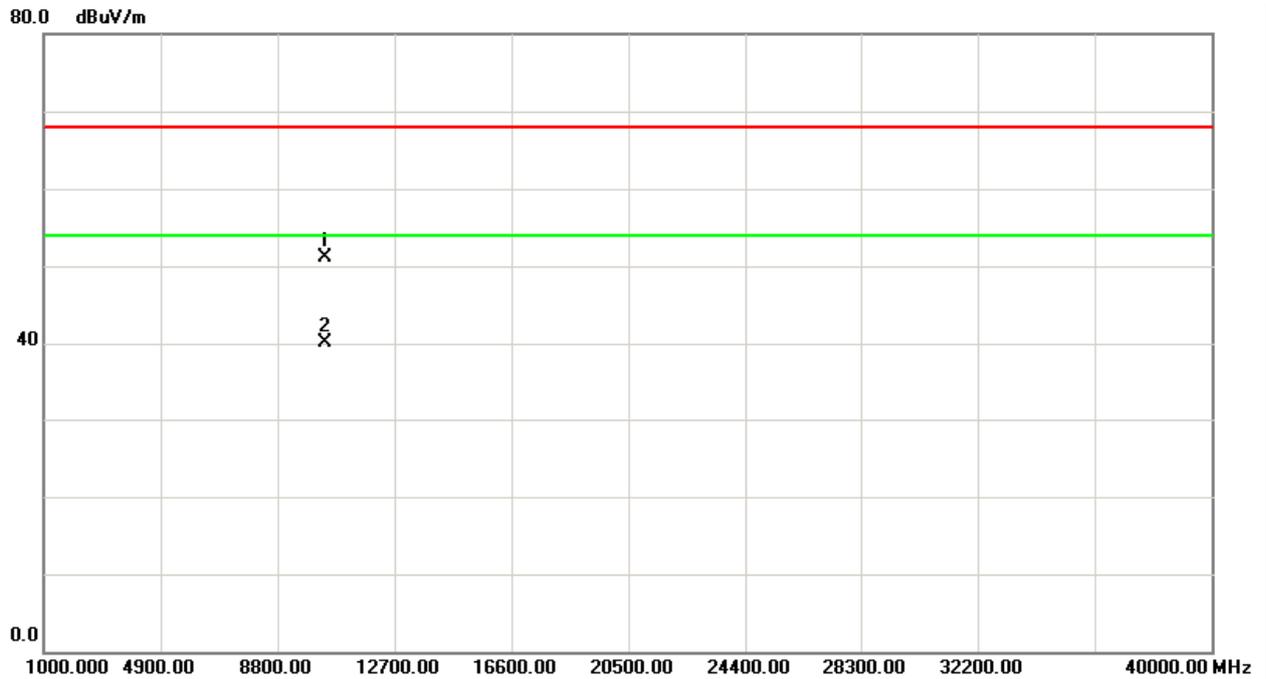
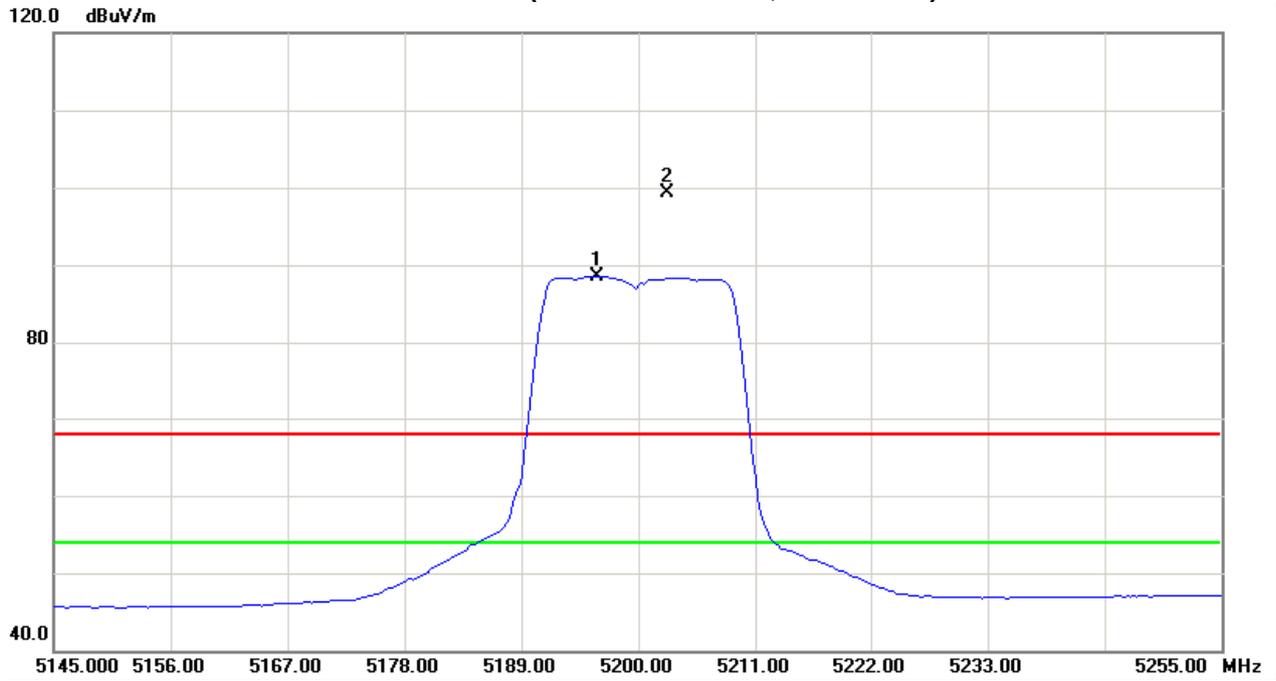
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5196.15 | H | 81.70 | 70.91 | 17.62 | 99.32 | 88.53 | -5.45 | -16.24 | | | | | X/F |
| 10400.51 | H | 37.35 | 26.29 | 13.78 | 51.13 | 40.07 | -53.64 | -64.70 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH40(Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5240MHz | | |

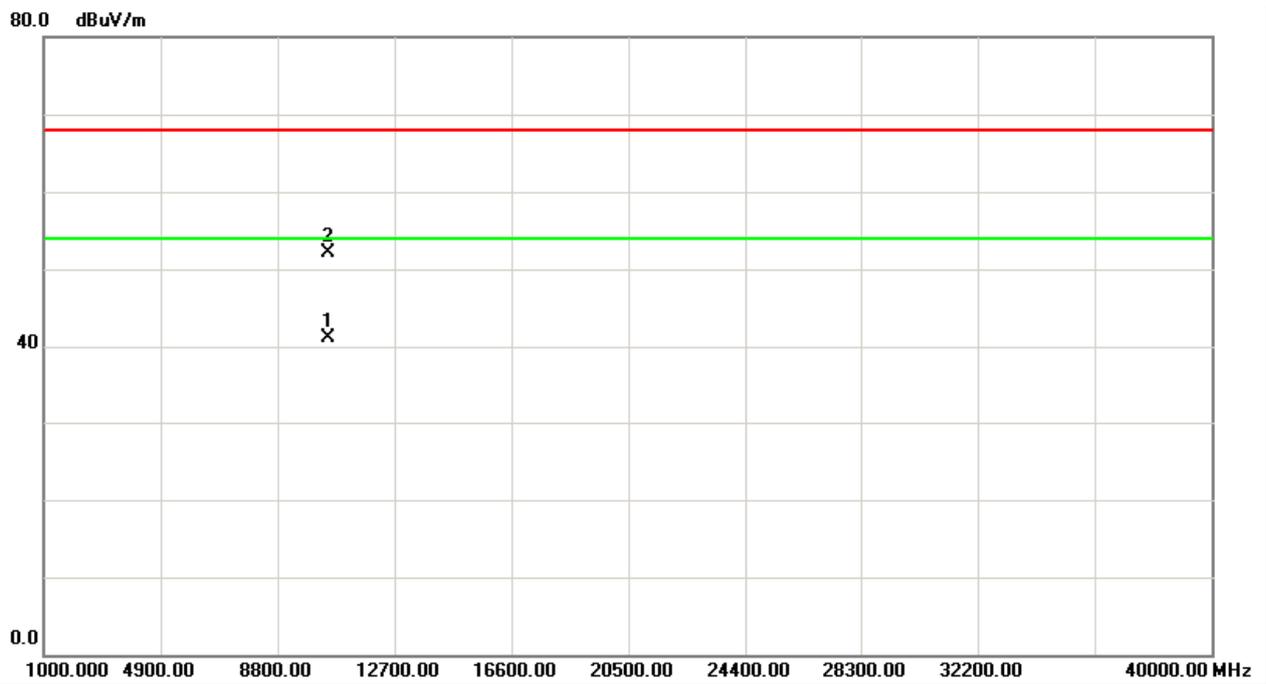
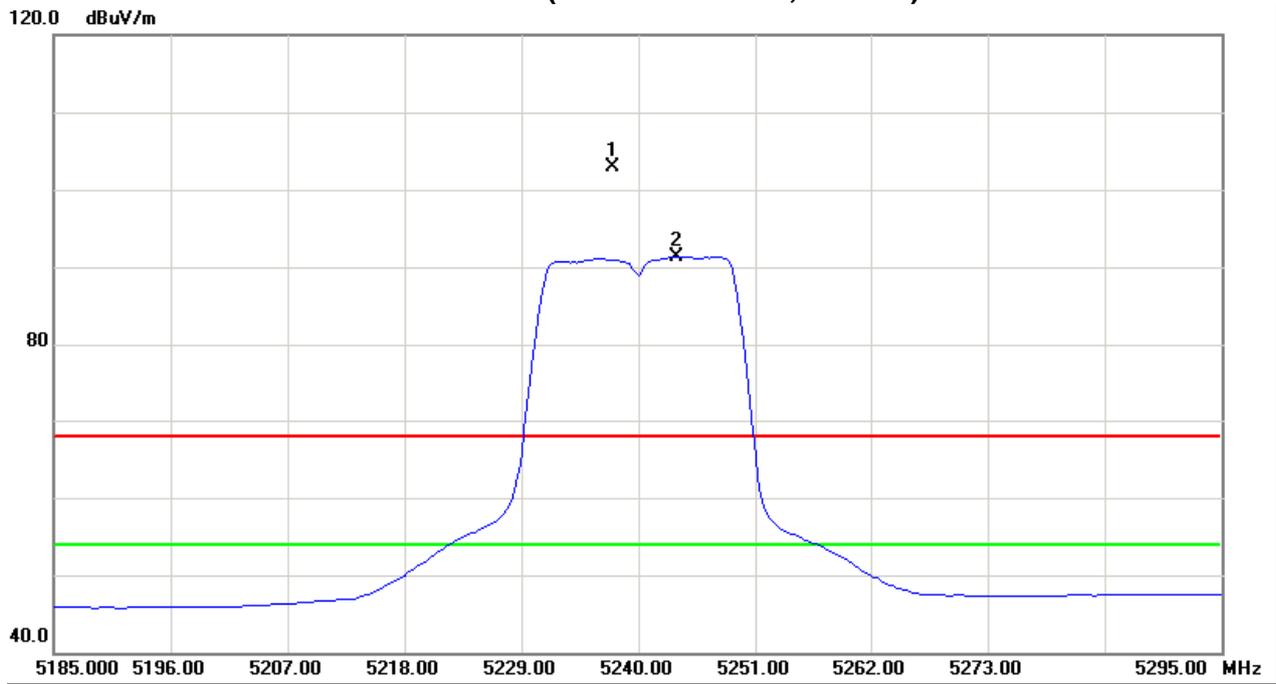
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5243.58 | V | 85.15 | 73.59 | 17.76 | 102.91 | 91.35 | -1.86 | -13.42 | | | | | X/F |
| 10480.11 | V | 38.19 | 27.30 | 13.87 | 52.06 | 41.17 | -52.71 | -63.60 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ° “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission °
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH48(Above 1000 MHz, Vertical)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/ TX N20 Mode 5240MHz | | |

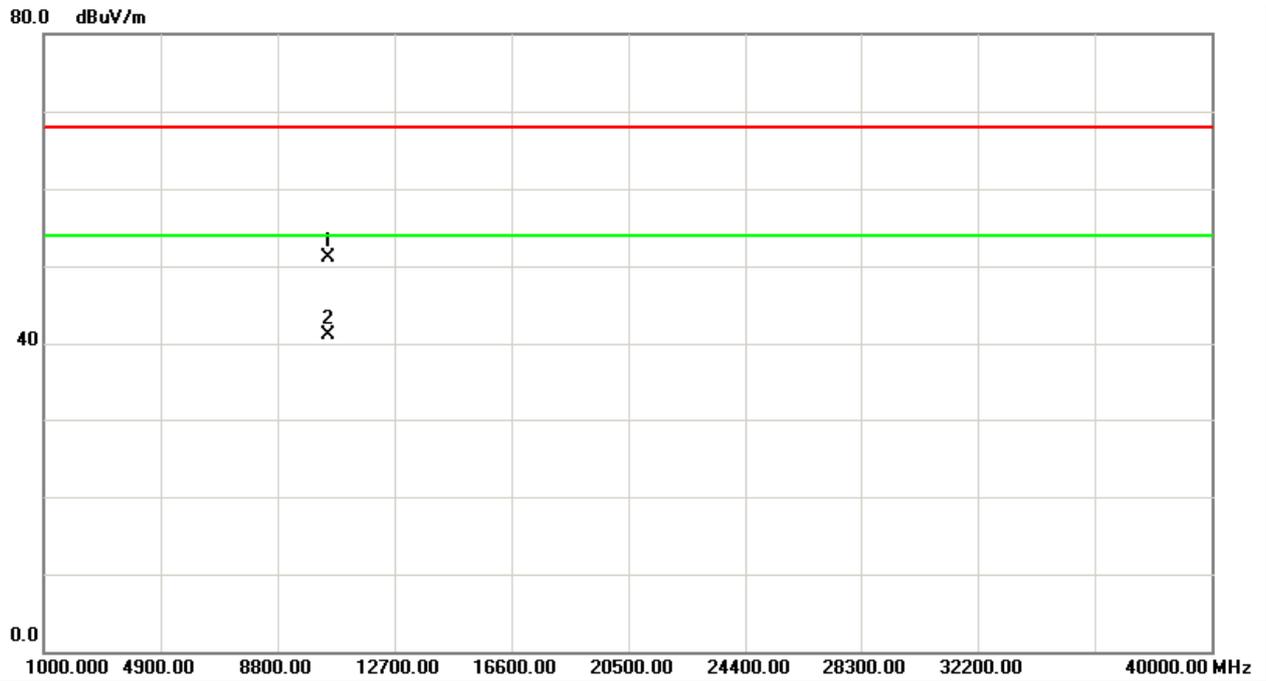
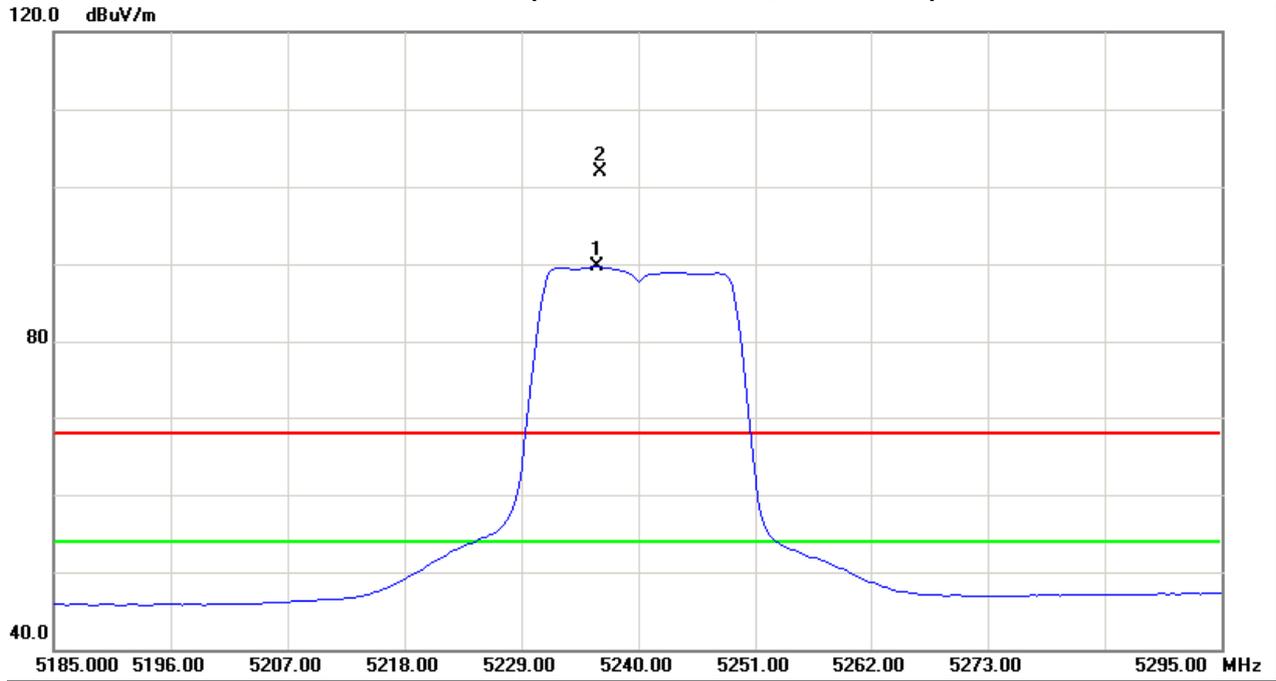
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5236.15 | H | 84.15 | 71.89 | 17.76 | 101.91 | 89.65 | -2.86 | -15.12 | | | | | X/F |
| 10480.51 | H | 37.24 | 27.18 | 13.87 | 51.11 | 41.05 | -53.66 | -63.72 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 1/CH48(Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5260MHz | | |

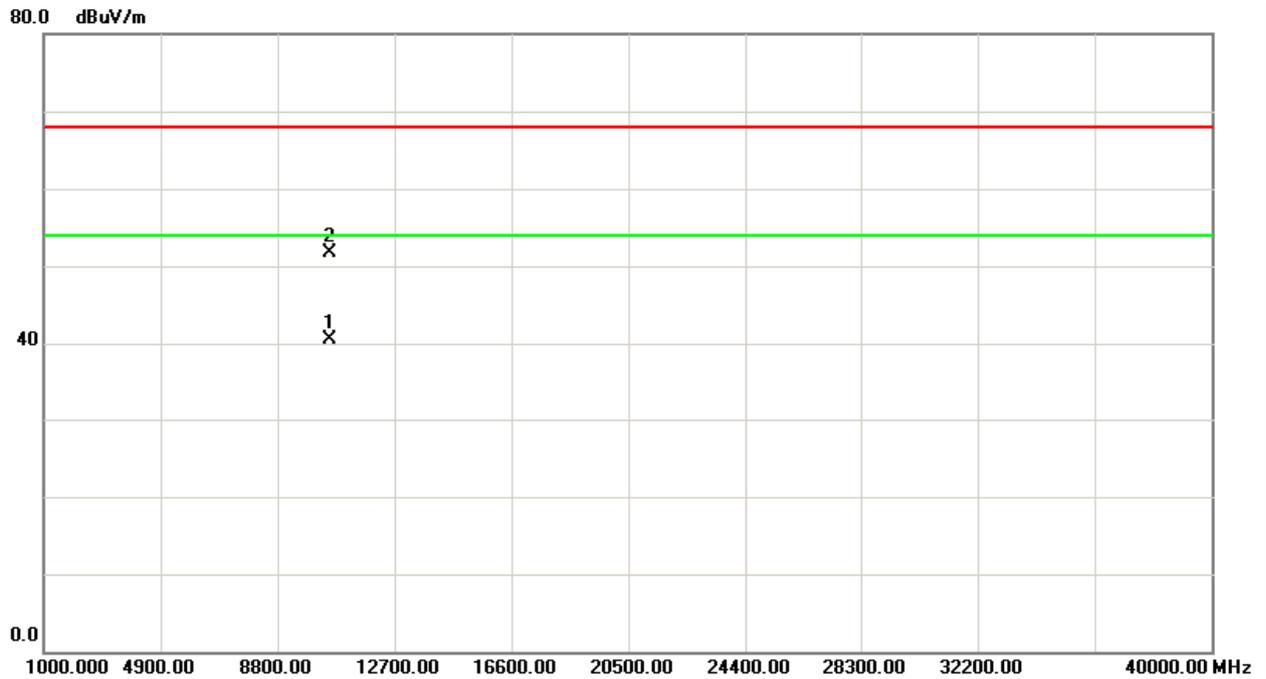
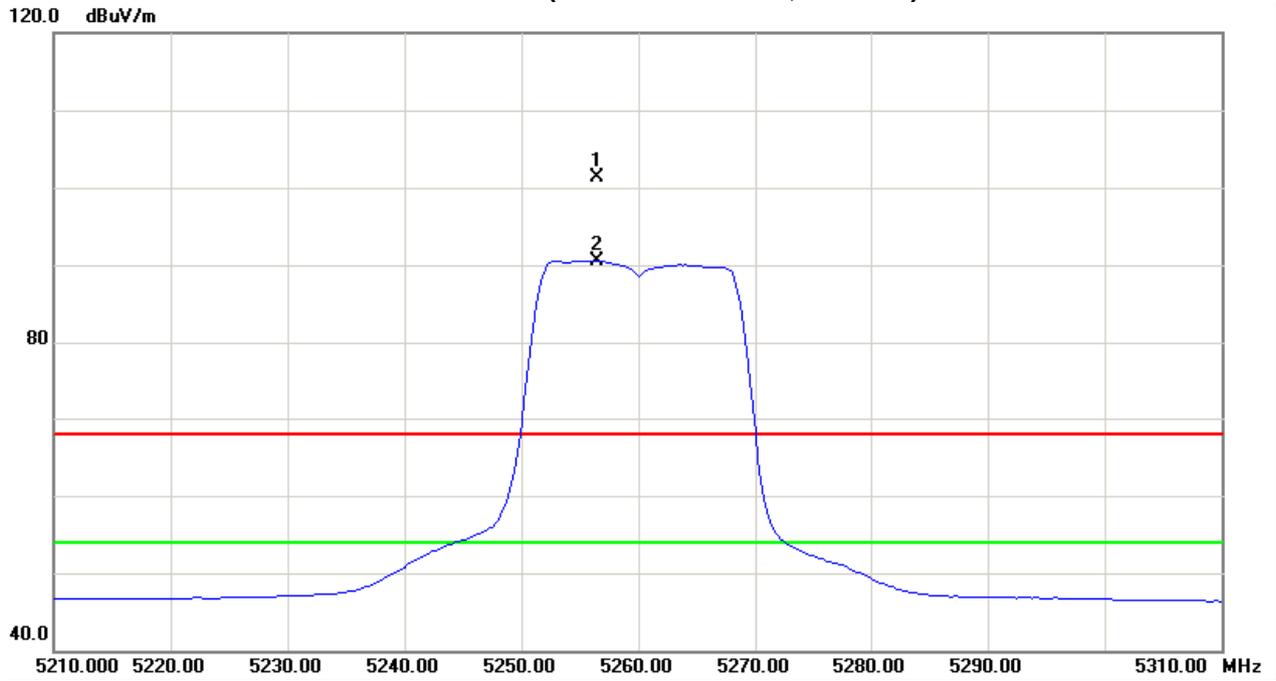
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|--------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5256.50 | V | 83.43 | 82.68 | 17.83 | 101.26 | 100.51 | -3.51 | -4.26 | | | | | X/F |
| 10519.80 | V | 37.73 | 26.68 | 13.90 | 51.63 | 40.58 | -53.14 | -64.19 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH52(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5260MHz | | |

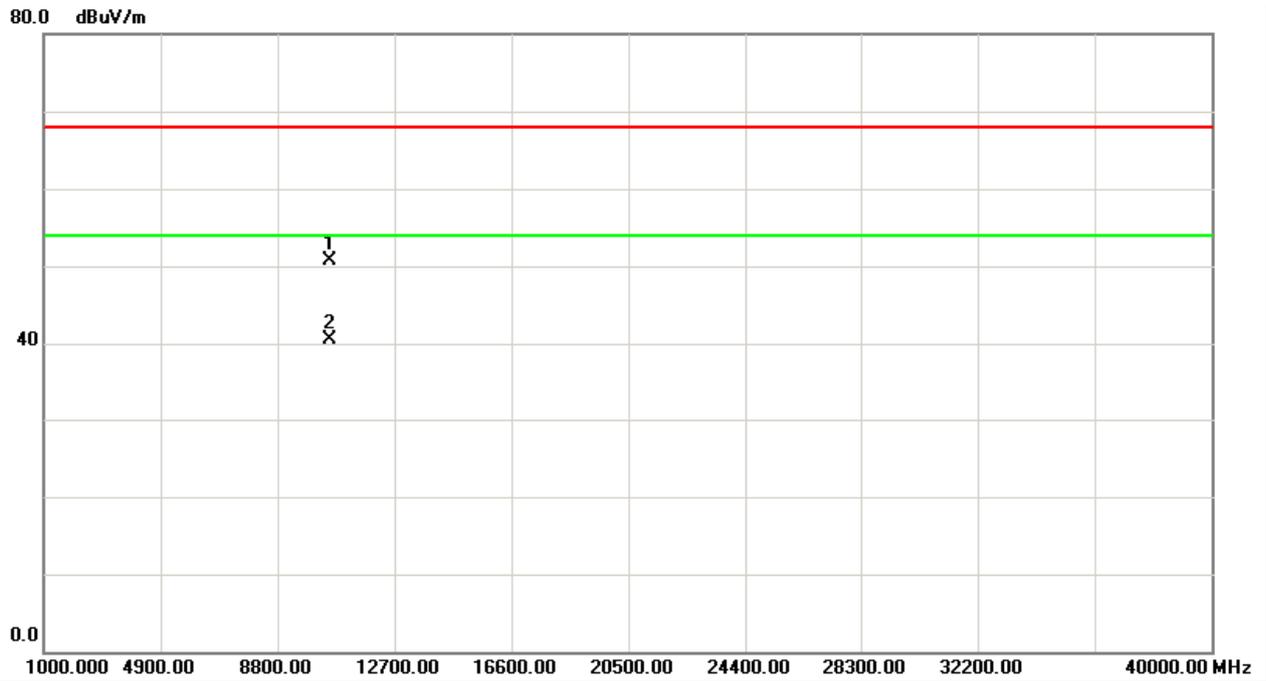
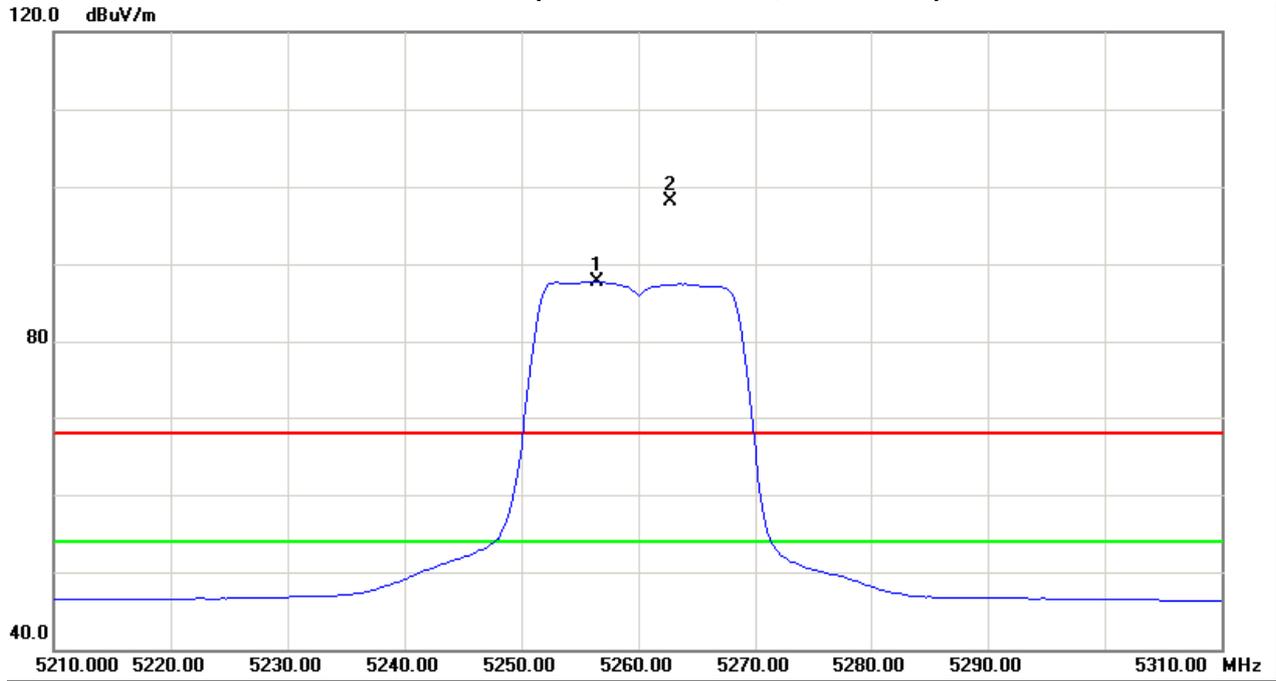
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBUV/m) | | Act.(dBm) | | Limit(dBUV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBUV) | AV (dBUV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5260.50 | H | 80.27 | 69.88 | 17.83 | 98.10 | 87.71 | -6.67 | -17.06 | | | | | X/F |
| 10519.91 | H | 36.86 | 26.63 | 13.90 | 50.76 | 40.53 | -54.01 | -64.24 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH52 (Above 1000 MHz, Horizontal)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5280MHz | | |

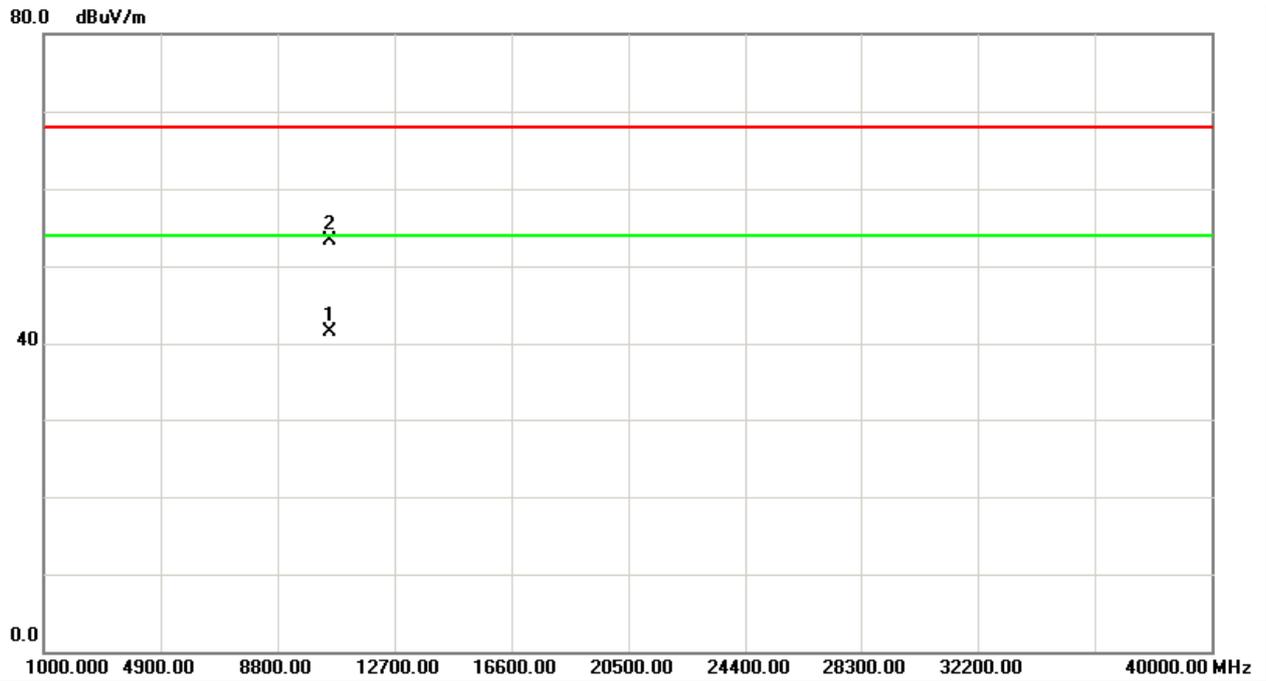
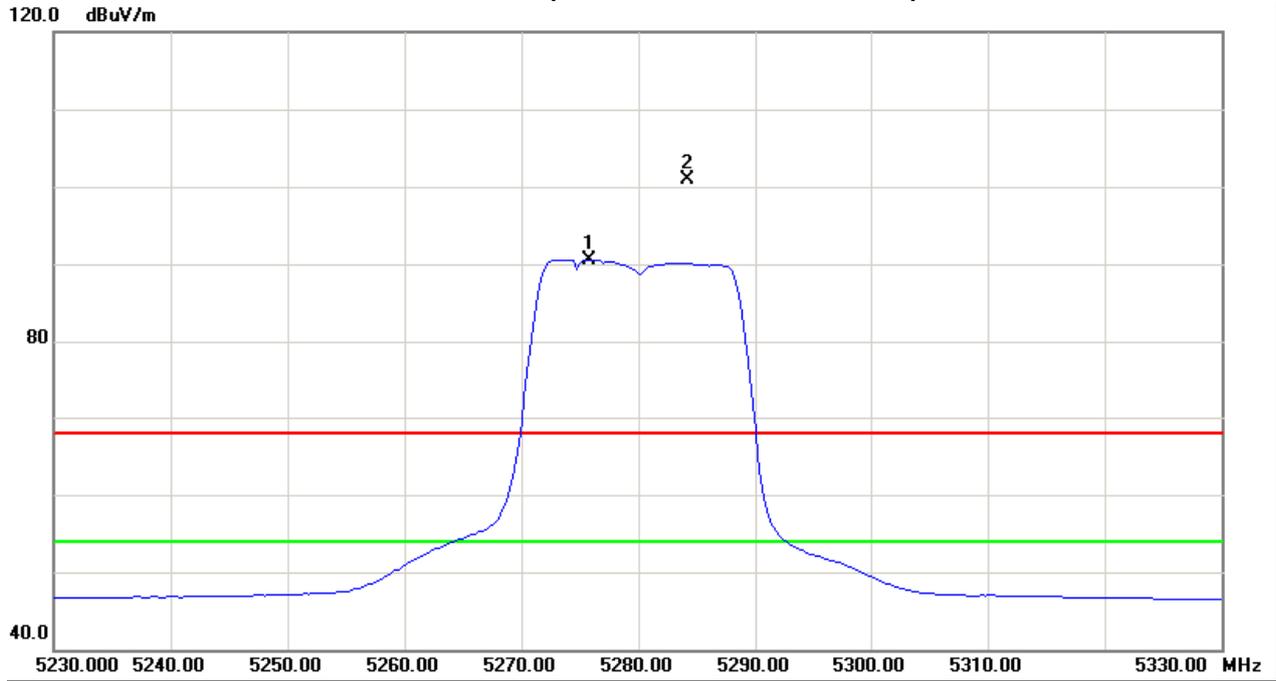
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5275.75 | V | 82.97 | 72.68 | 17.90 | 100.87 | 90.58 | -3.90 | -14.19 | | | | | X/F |
| 10560.18 | V | 39.37 | 27.61 | 13.90 | 53.27 | 41.51 | -51.50 | -63.26 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency °“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH56(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5280MHz | | |

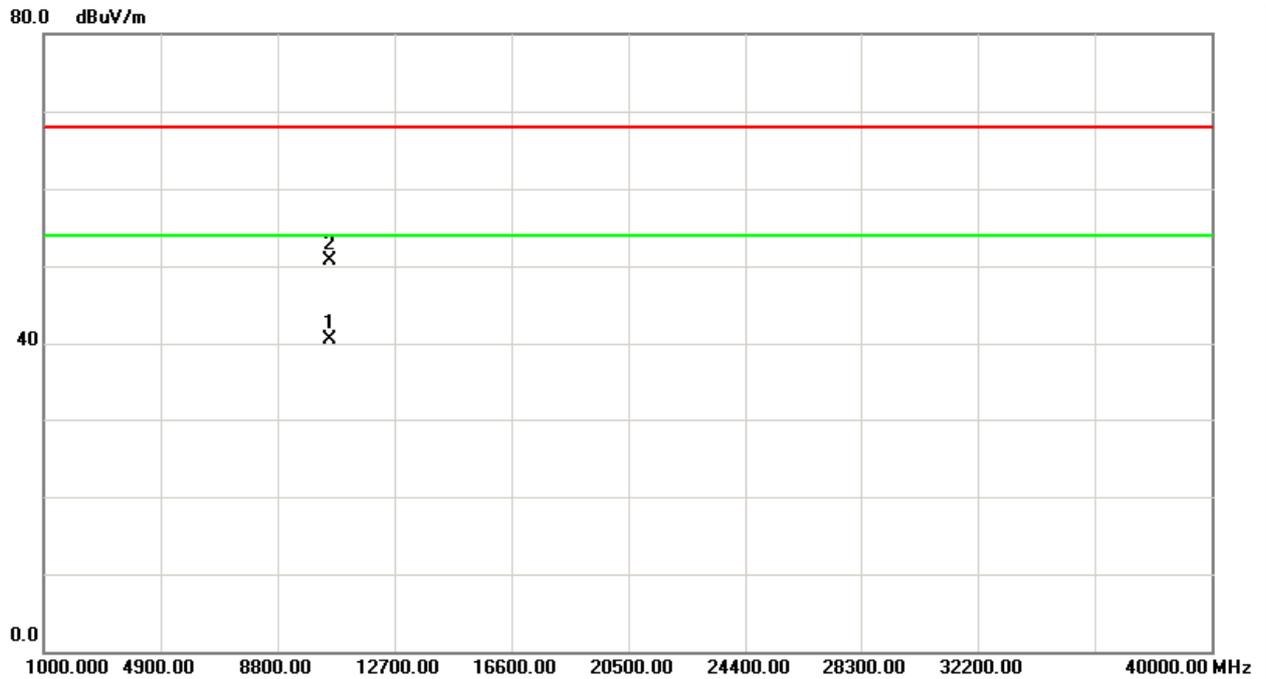
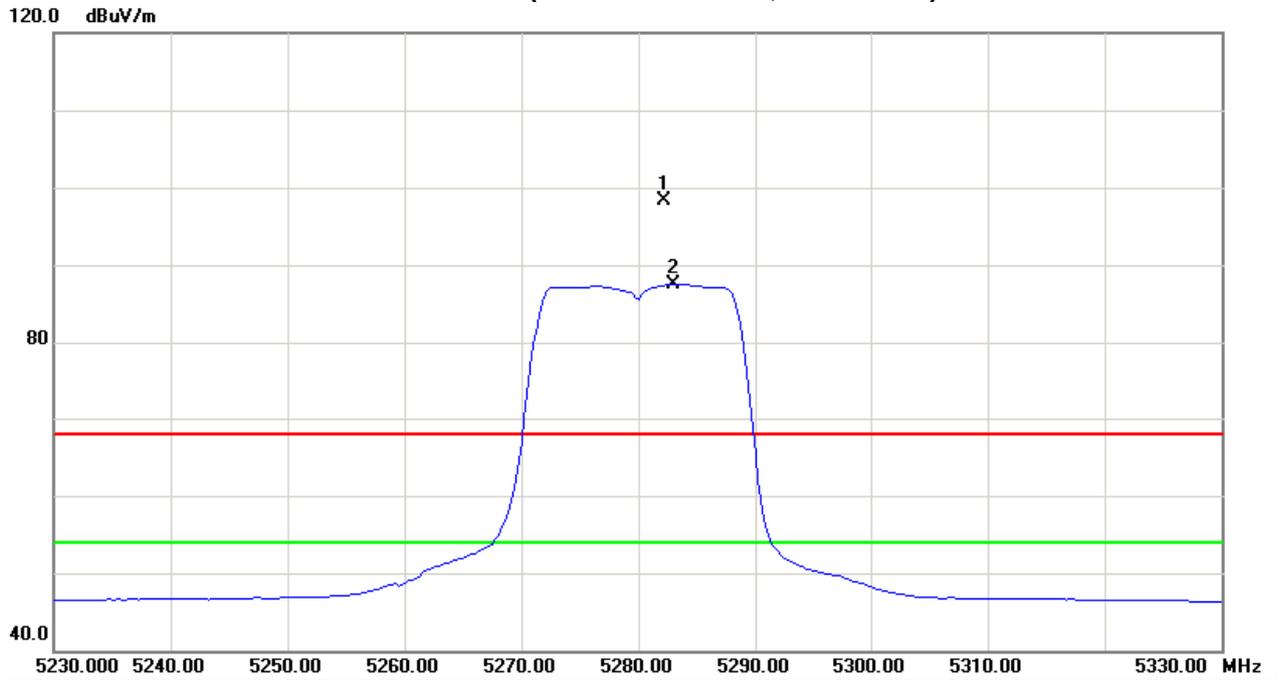
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBUV/m) | | Act.(dBm) | | Limit(dBUV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBUV) | AV (dBUV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5283.00 | H | 80.35 | 69.55 | 17.92 | 98.27 | 87.47 | -6.50 | -17.30 | | | | | X/F |
| 10560.13 | H | 36.78 | 25.56 | 13.90 | 50.68 | 39.46 | -54.09 | -65.31 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH56(Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5320MHz | | |

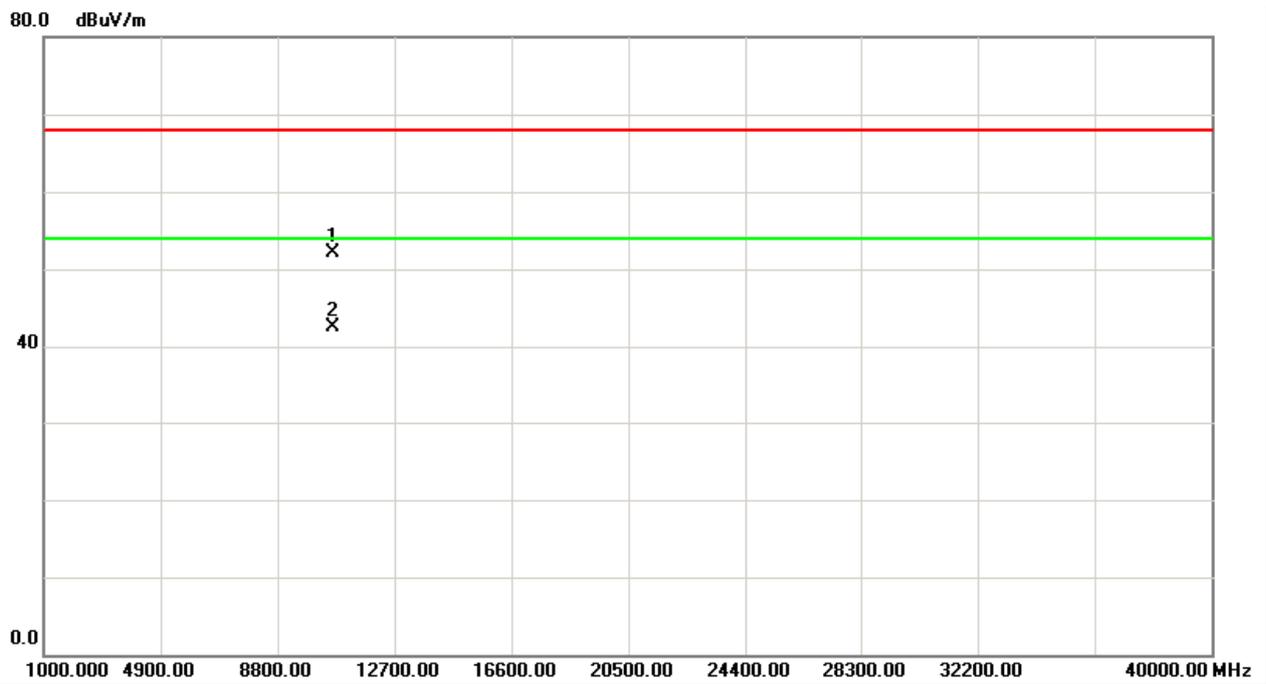
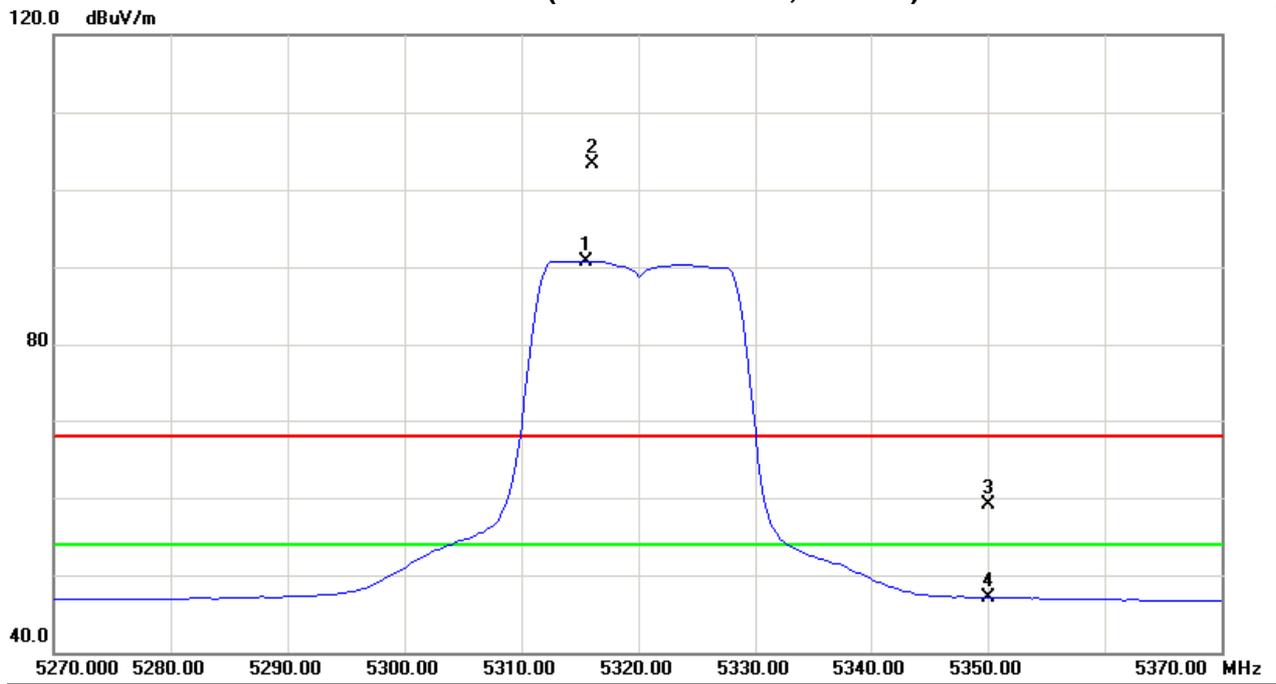
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5315.50 | V | 85.21 | 72.70 | 18.04 | 103.25 | 90.74 | -1.52 | -14.03 | | | | | X/F |
| 5350.00 | V | 40.90 | 29.00 | 18.16 | 59.06 | 47.16 | -45.71 | -57.61 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 10640.17 | V | 38.24 | 28.65 | 13.90 | 52.14 | 42.55 | -52.63 | -62.22 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH64(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX A Mode 5320MHz | | |

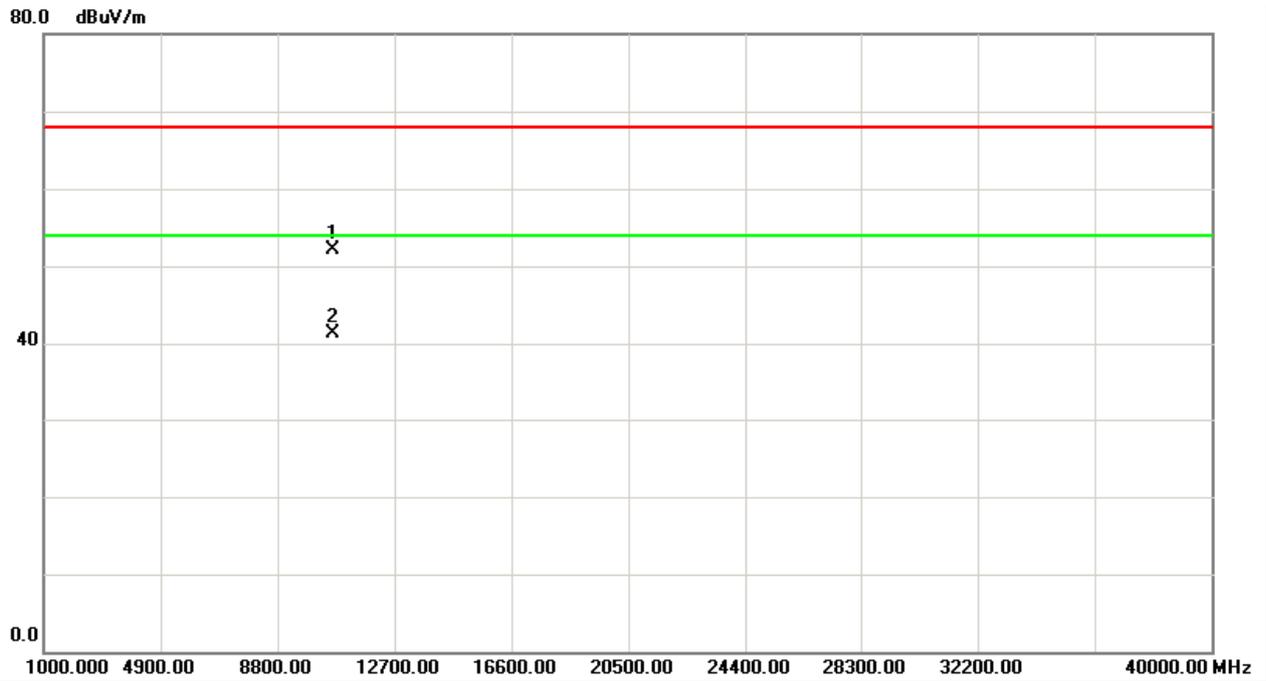
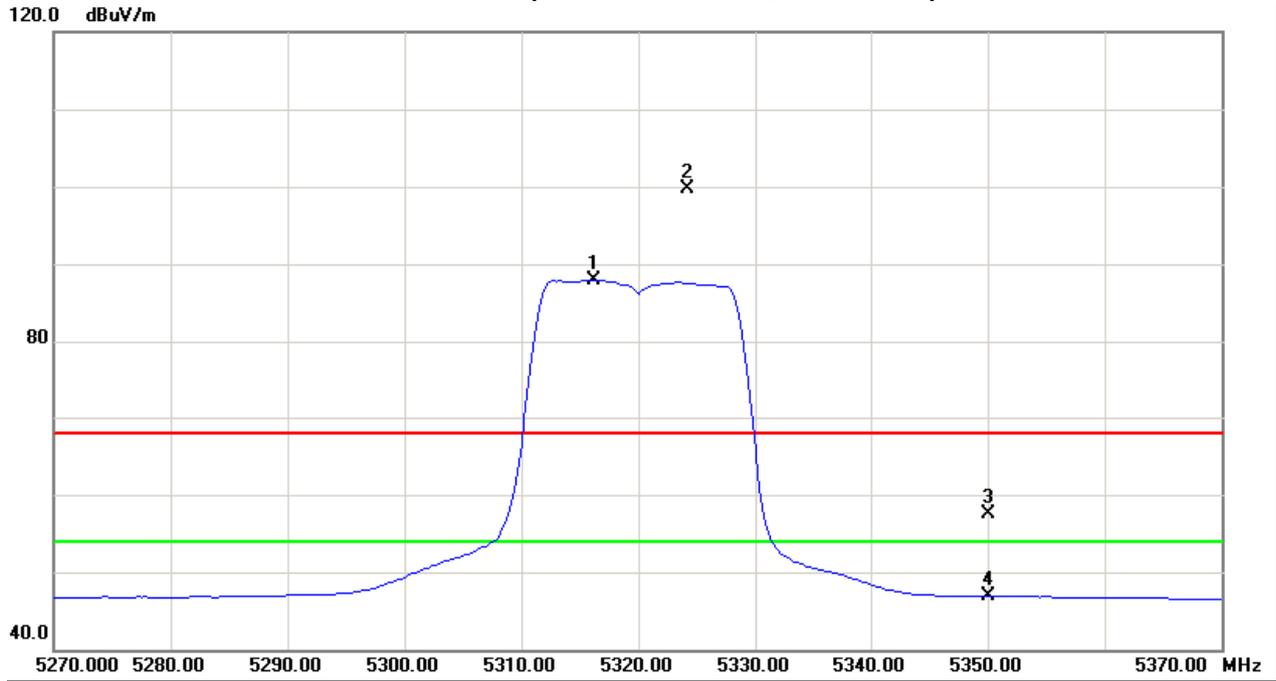
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5316.25 | H | 81.59 | 69.90 | 18.06 | 99.65 | 87.96 | -5.12 | -16.81 | | | | | X/F |
| 5350.00 | H | 39.38 | 28.79 | 18.16 | 57.54 | 46.95 | -47.23 | -57.82 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 10640.26 | H | 38.22 | 27.44 | 13.90 | 52.12 | 41.34 | -52.65 | -63.43 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH64(Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5260MHz | | |

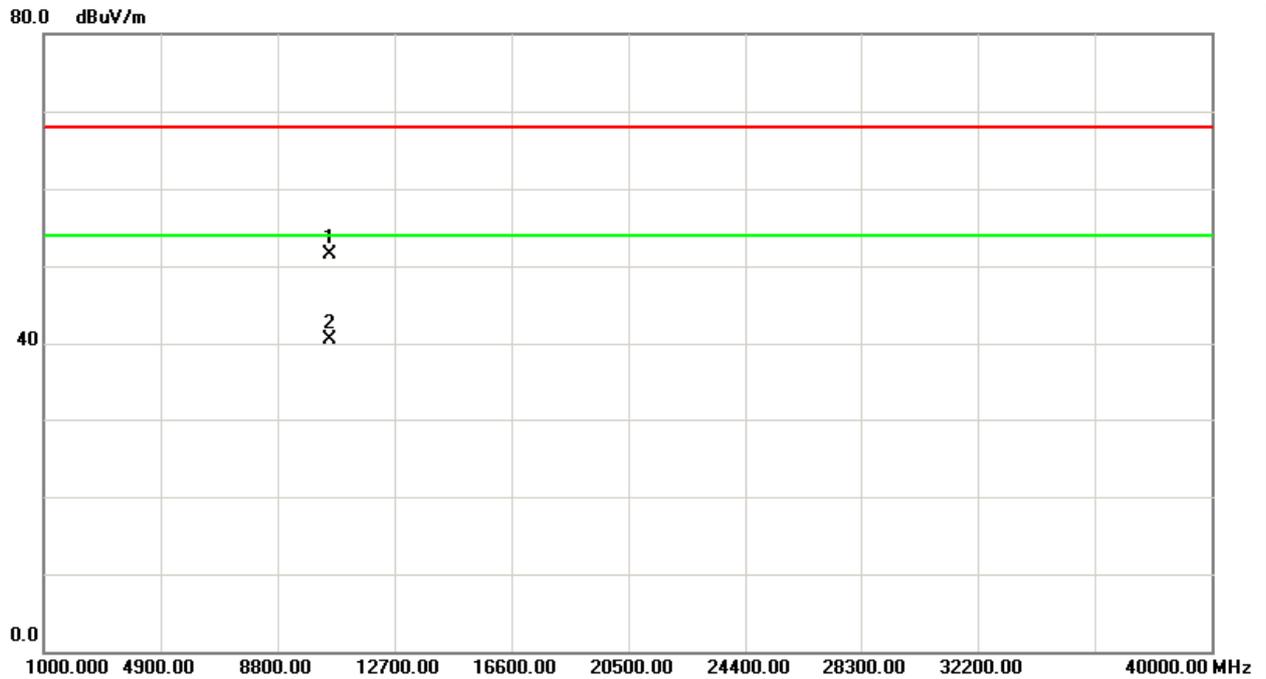
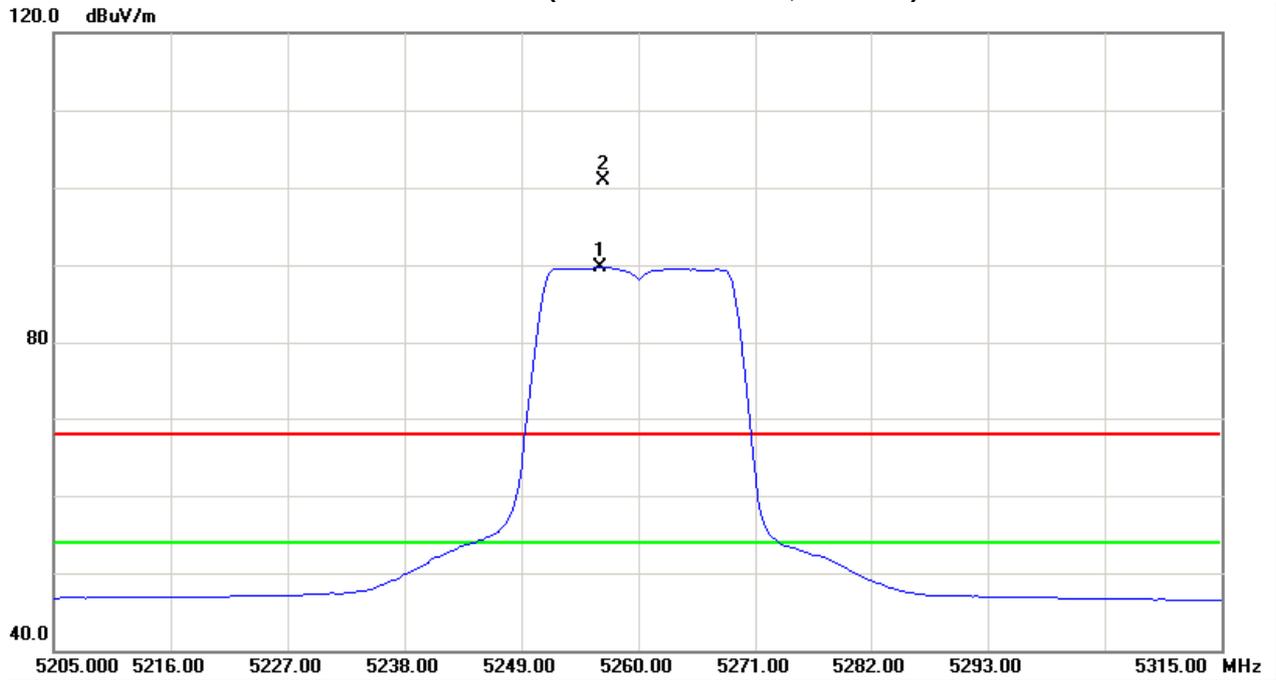
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5256.43 | V | 83.05 | 71.85 | 17.83 | 100.88 | 89.68 | -3.89 | -15.09 | | | | | X/F |
| 10519.82 | V | 37.62 | 26.66 | 13.90 | 51.52 | 40.56 | -53.25 | -64.21 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH52(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5260MHz | | |

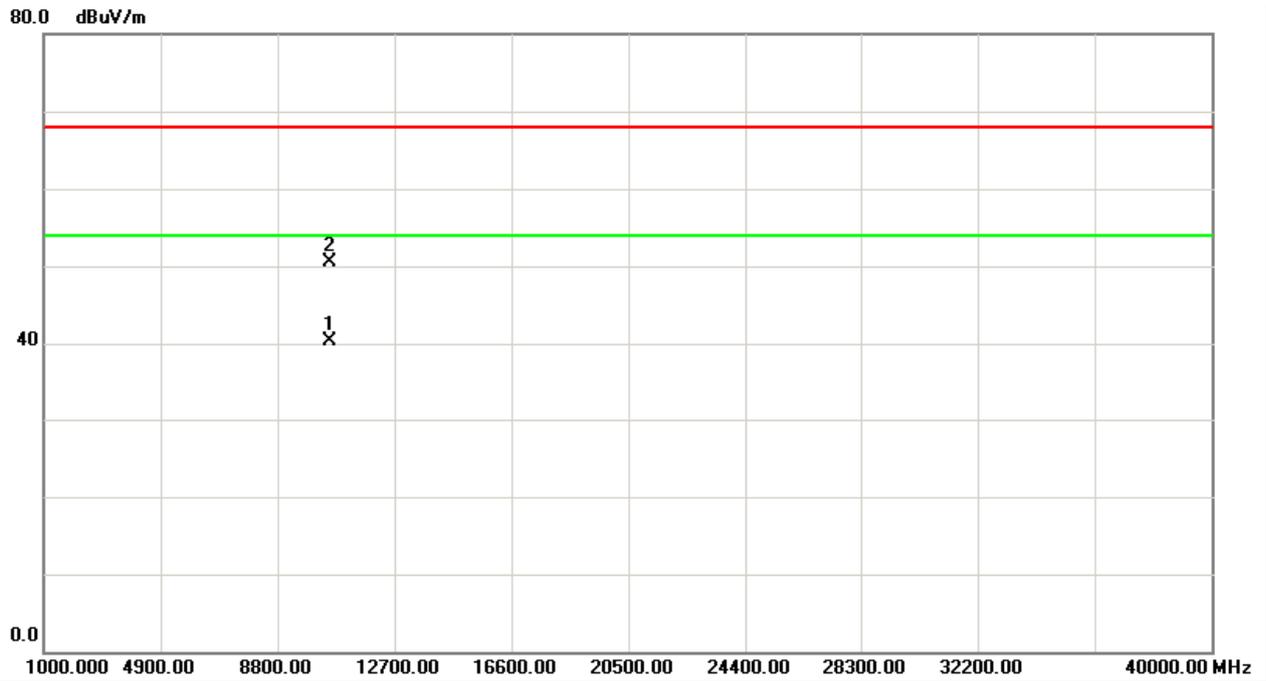
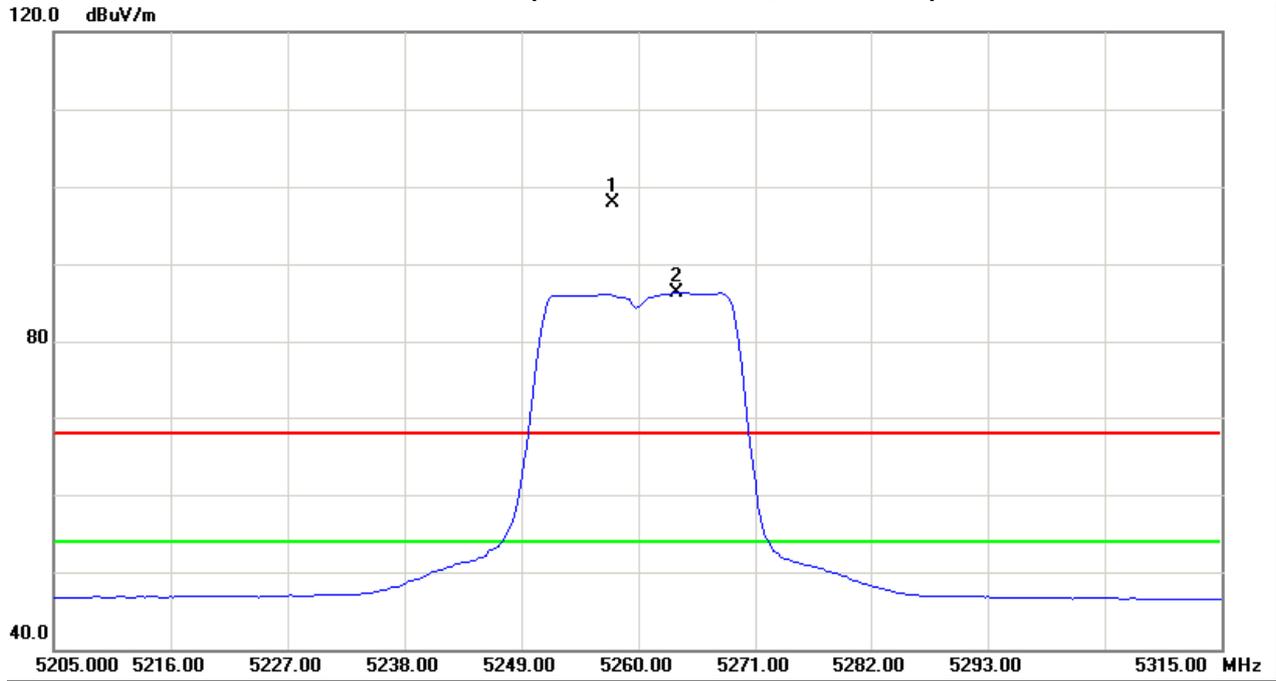
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5263.58 | H | 80.10 | 68.40 | 17.83 | 97.93 | 86.23 | -6.84 | -18.54 | | | | | X/F |
| 10519.96 | H | 36.66 | 26.37 | 13.90 | 50.56 | 40.27 | -54.21 | -64.50 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH52(Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5280MHz | | |

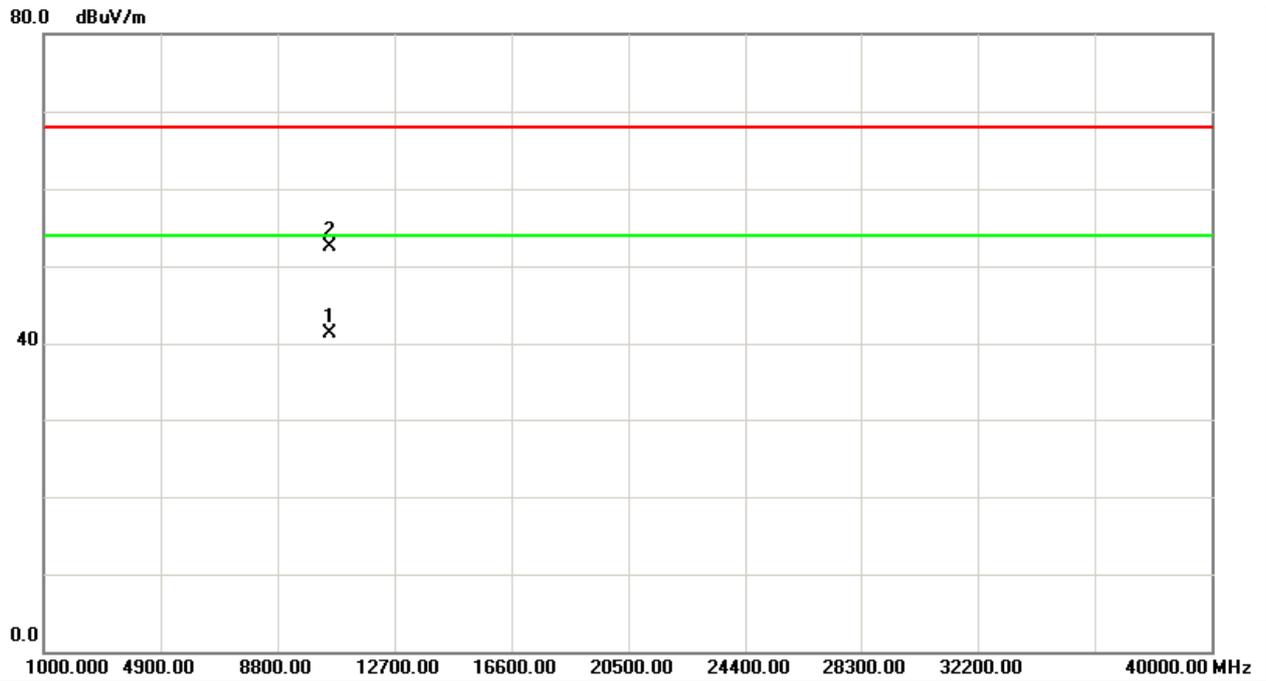
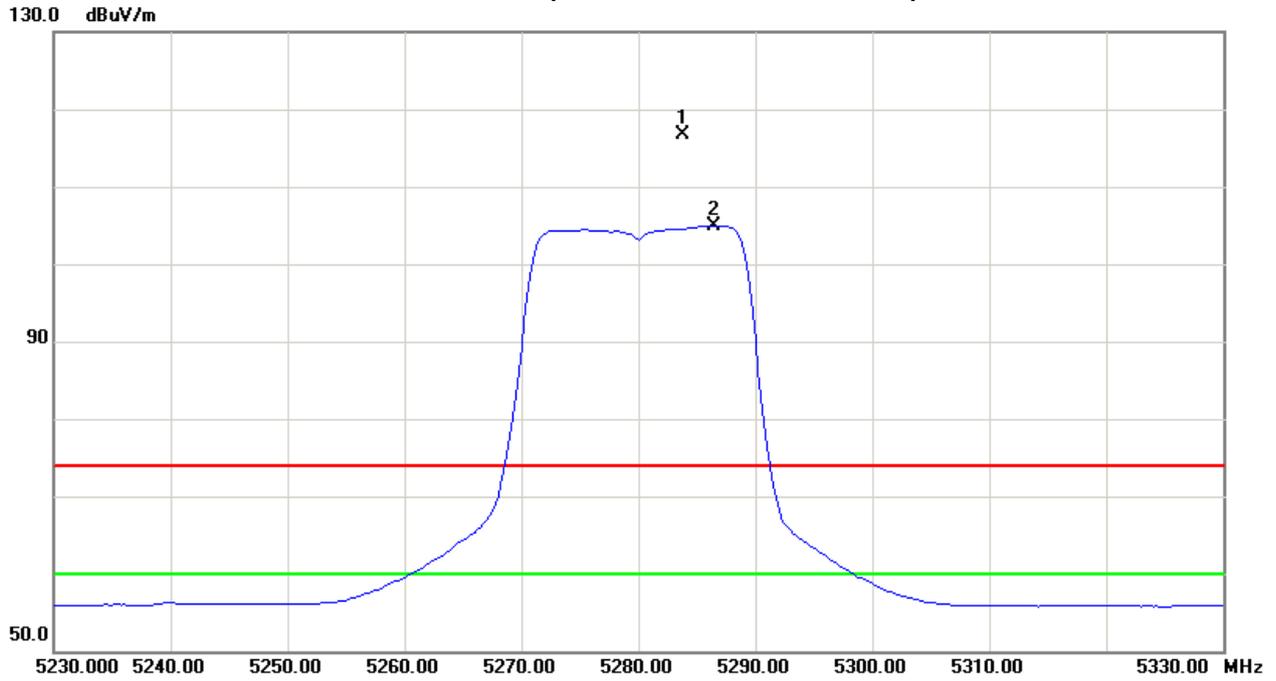
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5276.70 | V | 81.73 | 71.88 | 17.90 | 99.63 | 89.78 | -5.14 | -14.99 | | | | | X/F |
| 10560.28 | V | 38.57 | 27.36 | 13.90 | 52.47 | 41.26 | -52.30 | -63.51 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency °“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH56(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5280MHz | | |

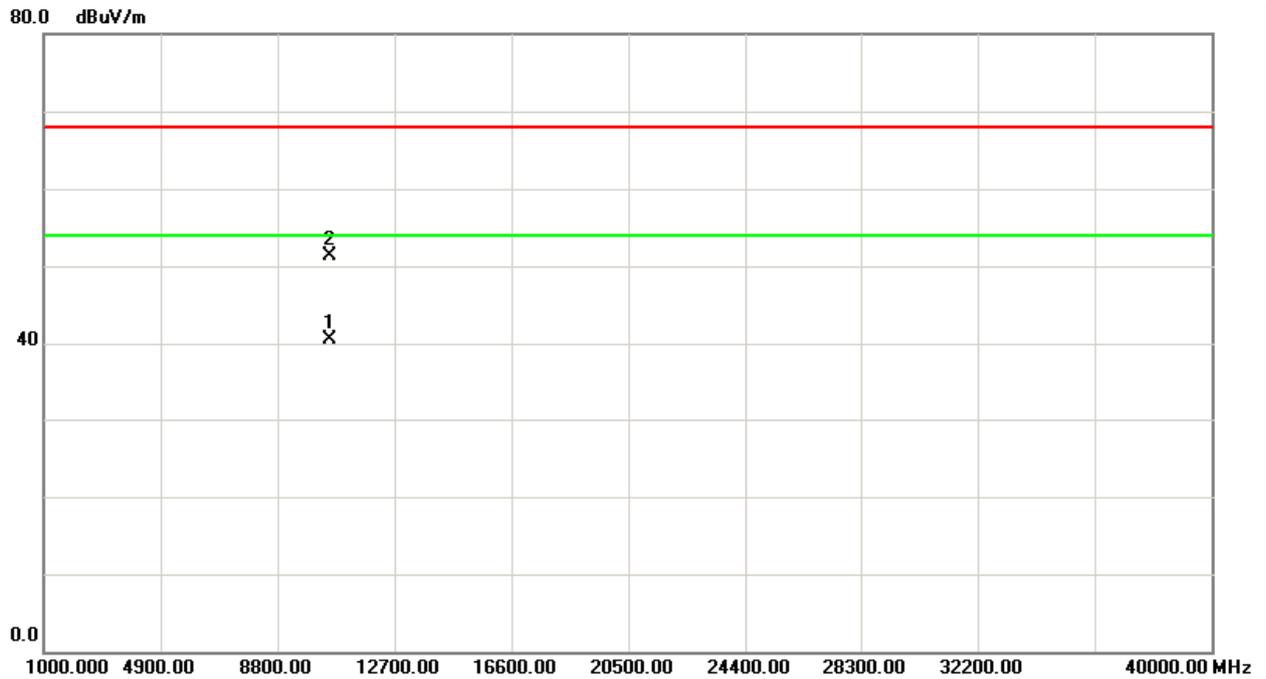
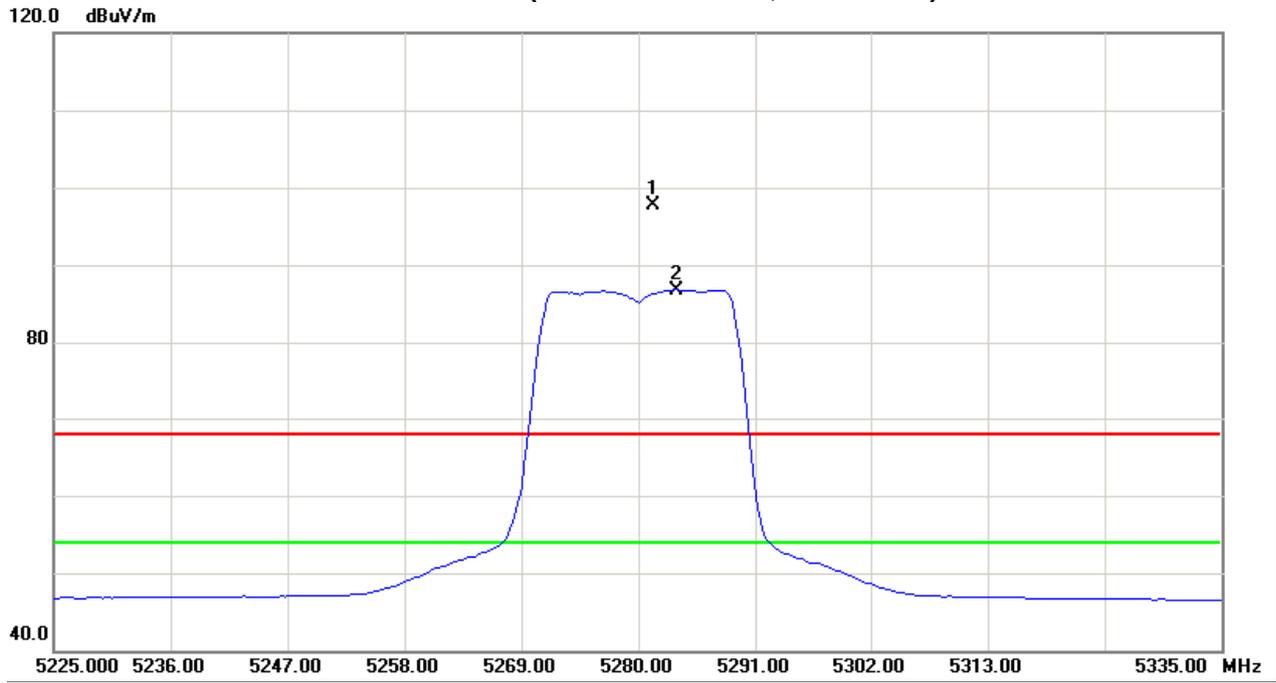
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|----|------------|----|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5283.58 | H | 79.69 | 68.88 | 17.92 | 97.61 | 86.80 | -7.16 | -17.97 | | | | | X/F |
| 10560.18 | H | 37.33 | 26.68 | 13.90 | 51.23 | 40.58 | -53.54 | -64.19 | 68.30 | | -27.00 | | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH56(Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5320MHz | | |

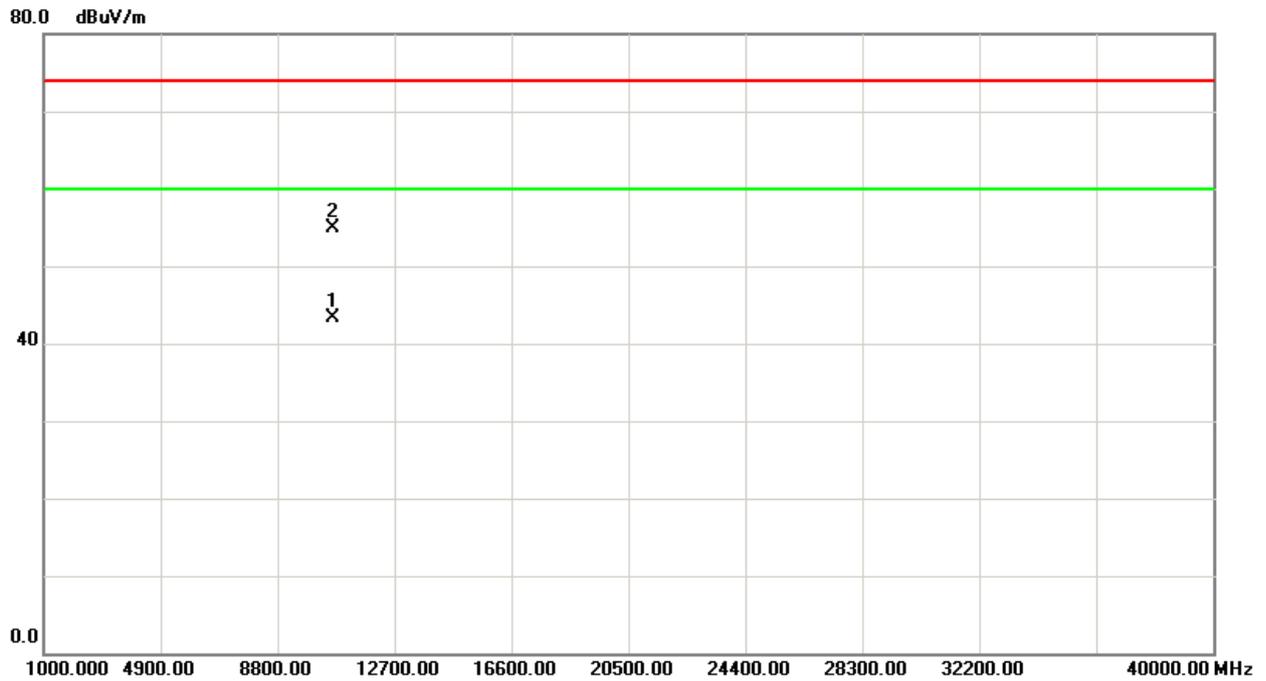
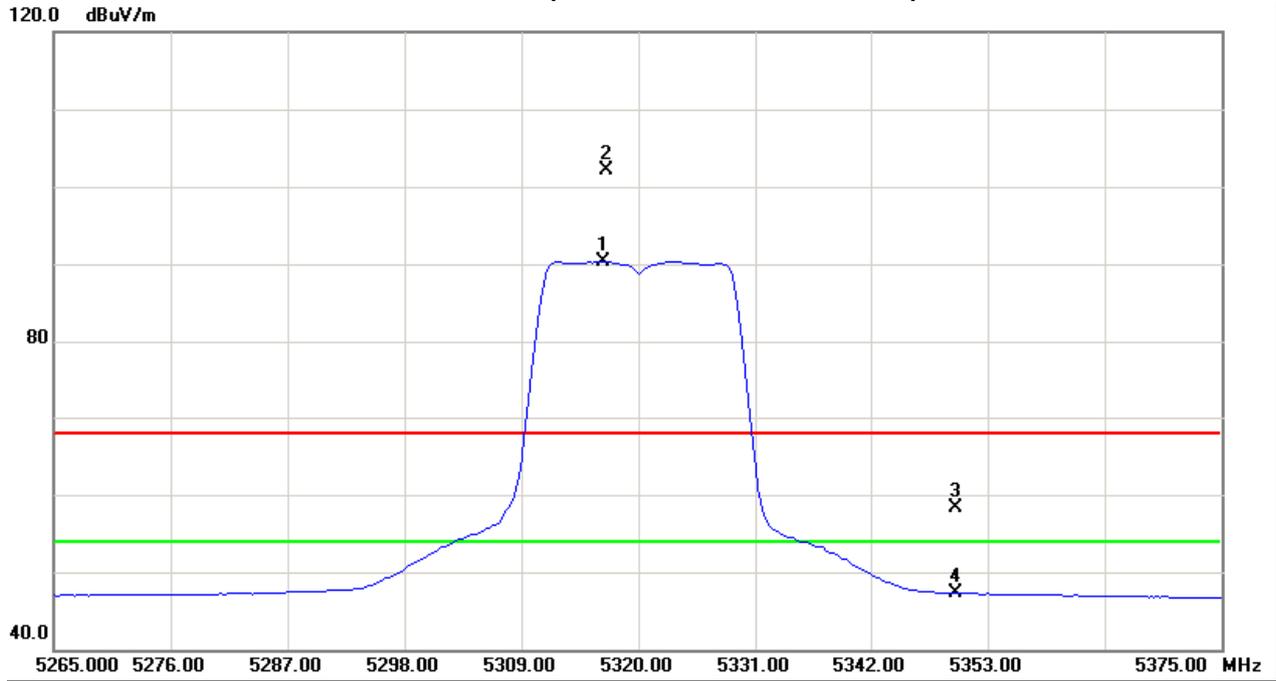
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5316.70 | V | 84.15 | 72.34 | 18.04 | 102.19 | 90.38 | -2.58 | -14.39 | | | | | X/F |
| 5350.00 | V | 40.22 | 29.13 | 18.16 | 58.38 | 47.29 | -46.39 | -57.48 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 10640.26 | V | 38.38 | 27.73 | 13.90 | 52.28 | 41.63 | -52.49 | -63.14 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency °“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH64(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/ TX N20 Mode 5320MHz | | |

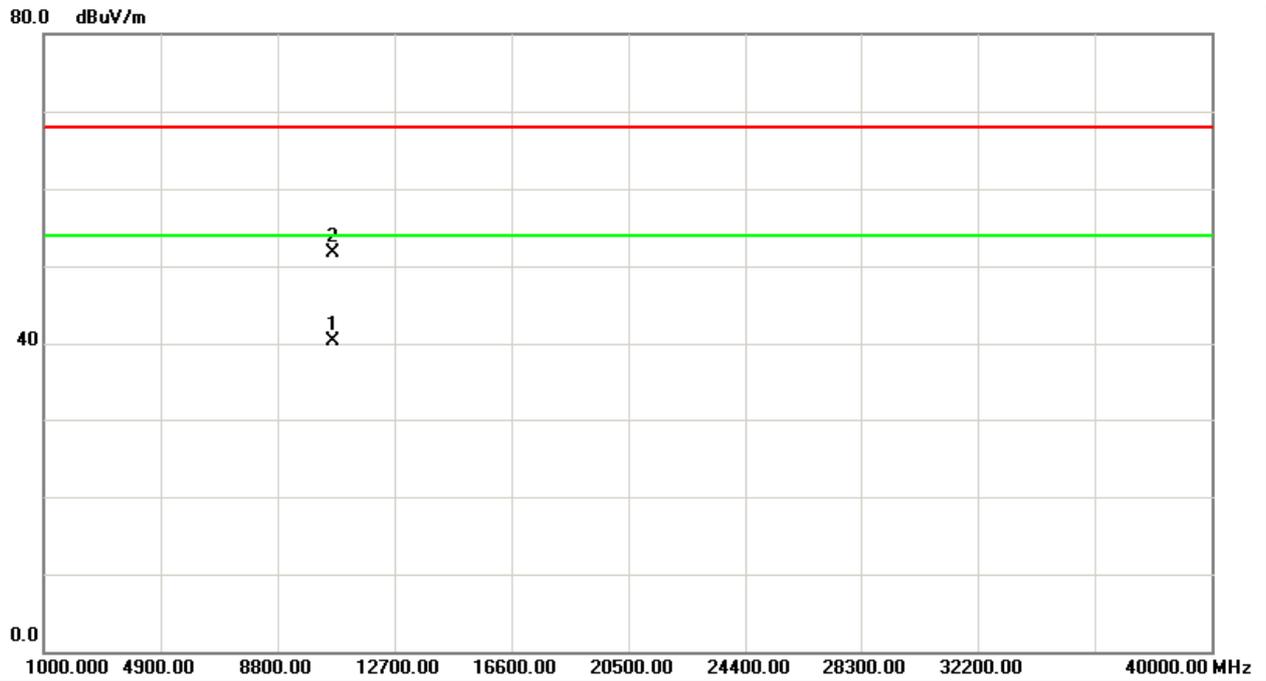
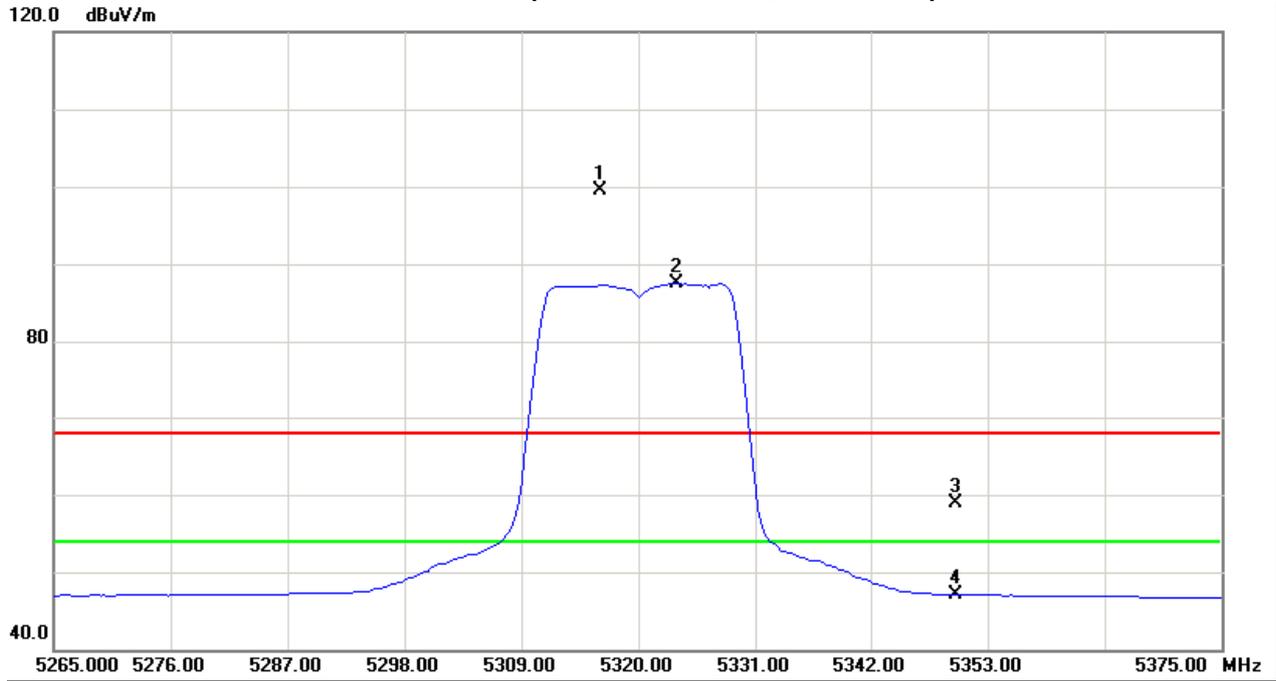
| Freq. (MHz) | Ant.Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5323.58 | H | 81.52 | 69.38 | 18.06 | 99.58 | 87.44 | -5.19 | -17.33 | | | | | X/F |
| 5350.00 | H | 40.80 | 28.95 | 18.16 | 58.96 | 47.11 | -45.81 | -57.66 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 10640.03 | H | 37.71 | 26.50 | 13.90 | 51.61 | 40.40 | -53.16 | -64.37 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 2/CH64(Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5500MHz | | |

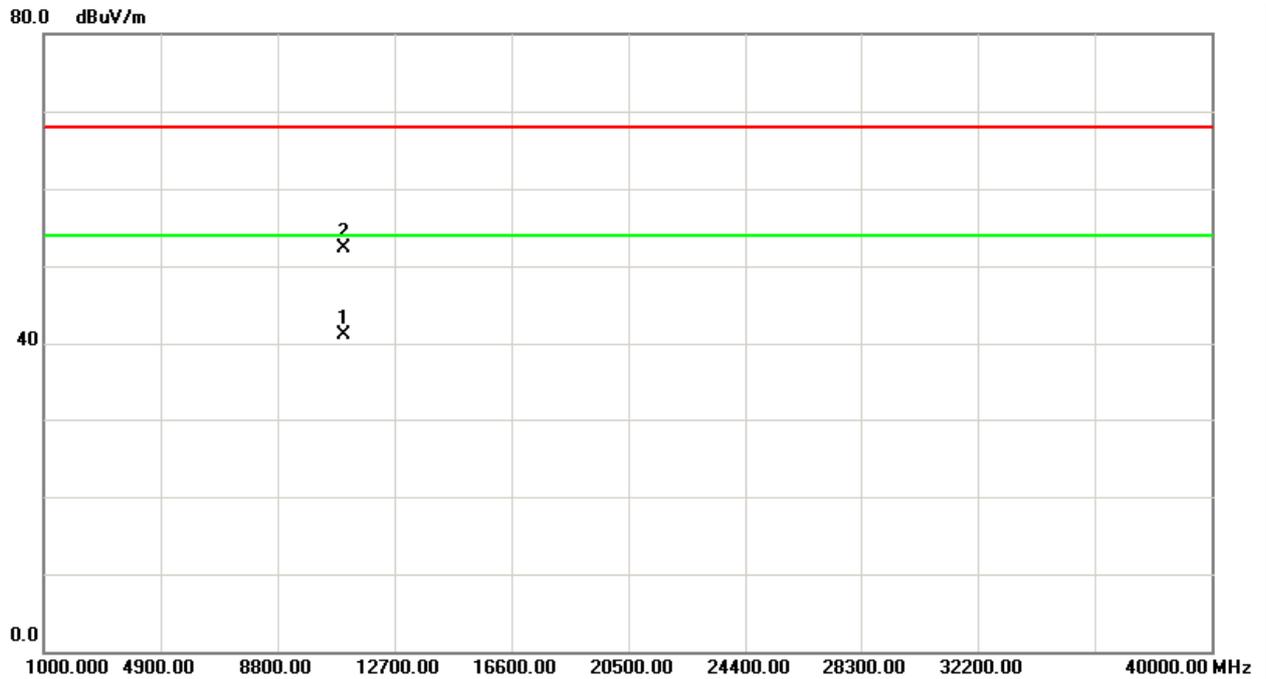
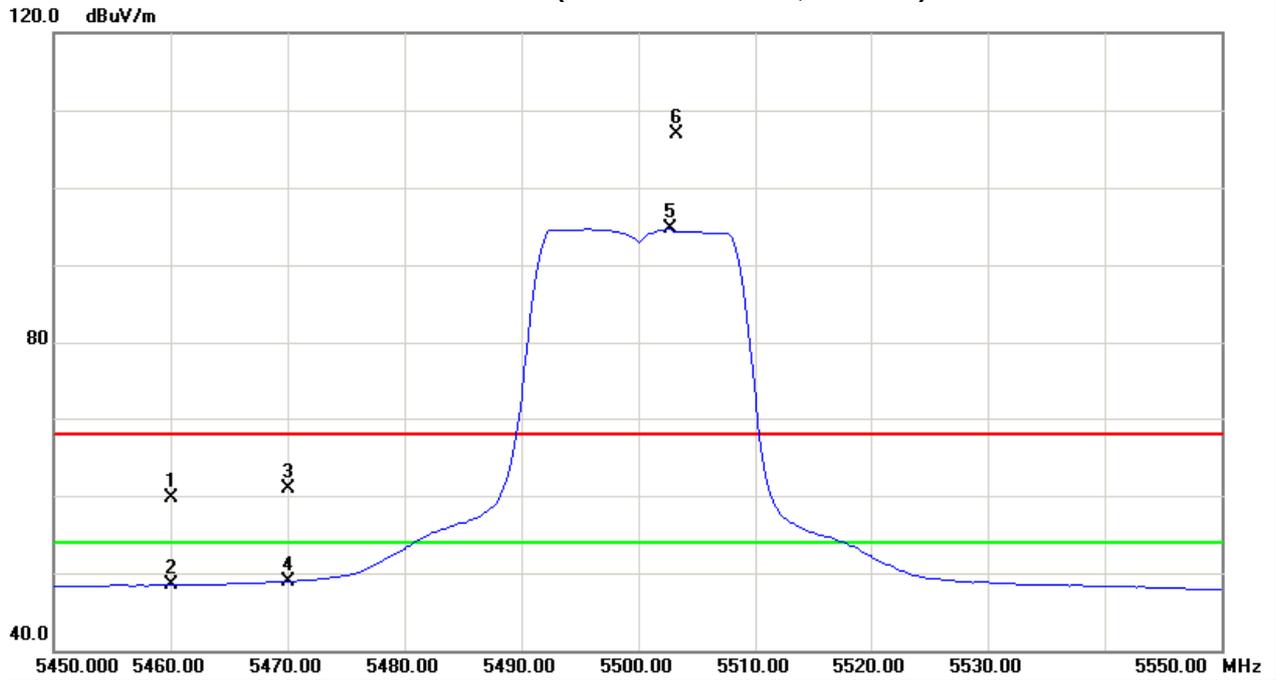
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5460.00 | V | 41.09 | 29.92 | 18.56 | 59.65 | 48.48 | -45.12 | -56.29 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5470.00 | V | 42.26 | 30.35 | 18.60 | 60.86 | 48.95 | -43.91 | -55.82 | 68.30 | | -27.00 | | X/E |
| 5502.75 | V | 88.21 | 76.05 | 18.71 | 106.92 | 94.76 | 2.15 | -10.01 | | | | | X/F |
| 11000.24 | V | 38.40 | 27.09 | 13.93 | 52.33 | 41.02 | -52.44 | -63.75 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH100(Above 1000 MHz, Vertical)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5500MHz | | |

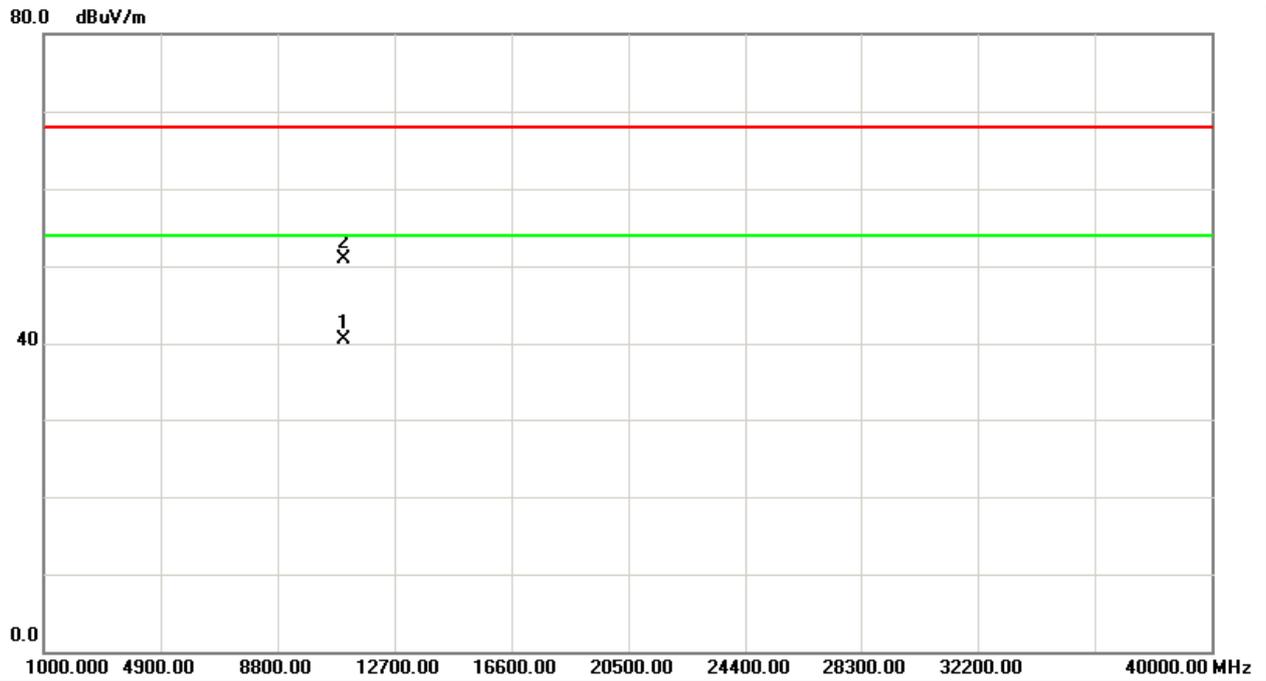
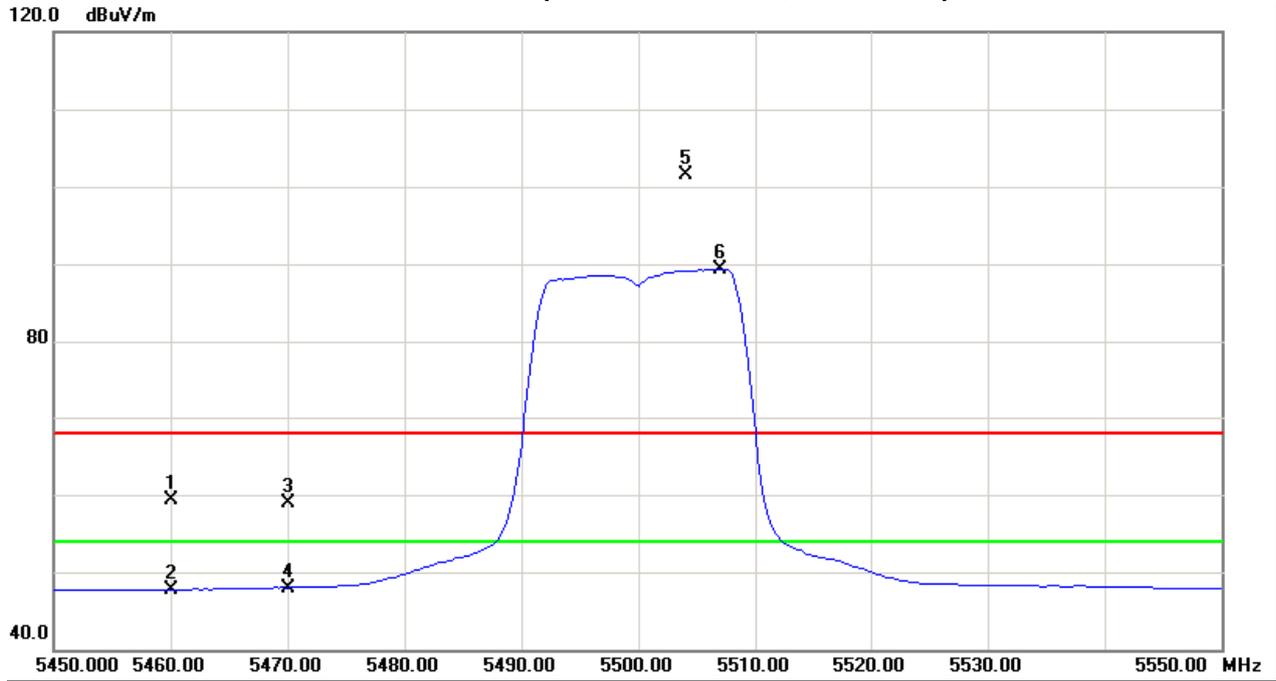
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5460.00 | H | 40.78 | 29.21 | 18.56 | 59.34 | 47.77 | -45.43 | -57.00 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5470.00 | H | 40.29 | 29.39 | 18.60 | 58.89 | 47.99 | -45.88 | -56.78 | 68.30 | | -27.00 | | X/E |
| 5507.00 | H | 82.83 | 70.63 | 18.71 | 101.54 | 89.34 | -3.23 | -15.43 | | | | | X/F |
| 11000.06 | H | 36.92 | 26.60 | 13.93 | 50.85 | 40.53 | -53.92 | -64.24 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH100 (Above 1000 MHz, Horizontal)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5580MHz | | |

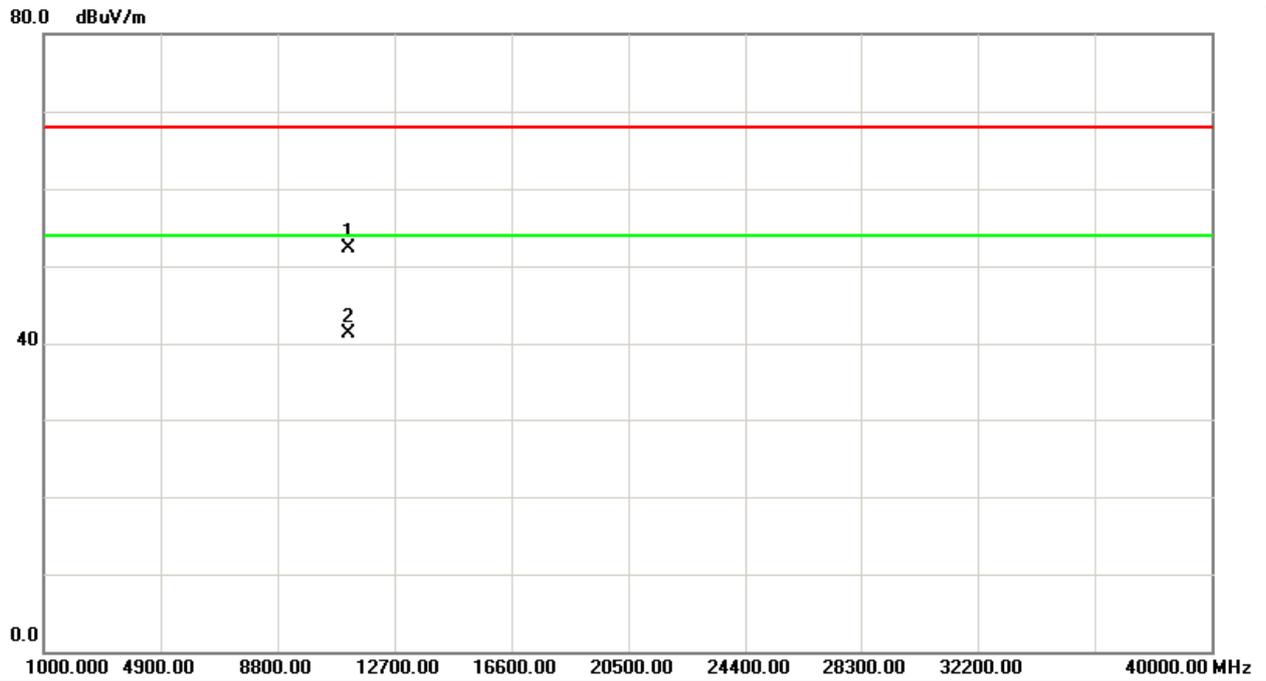
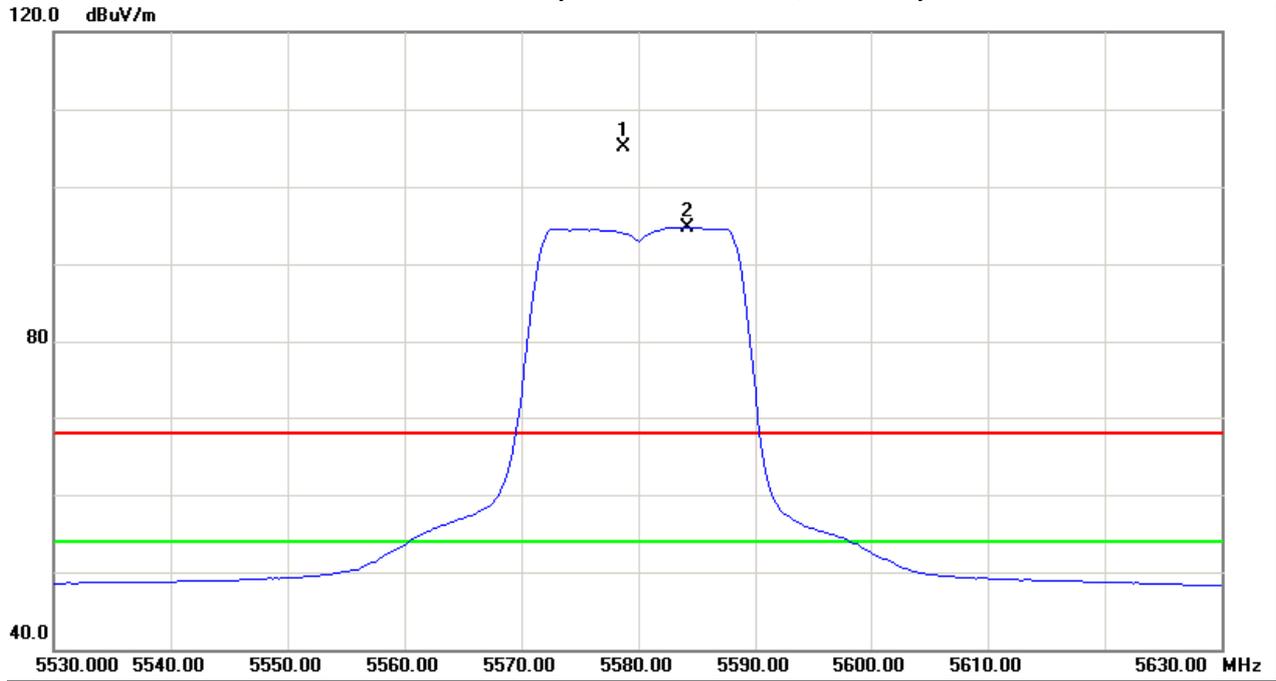
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5584.25 | V | 86.04 | 75.68 | 19.10 | 105.14 | 94.78 | 0.37 | -9.99 | | | | | X/F |
| 11160.32 | V | 38.27 | 27.31 | 14.04 | 52.31 | 41.35 | -52.46 | -63.42 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; ”Y” - denotes Vertical Stand ; ”Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH116(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5580MHz | | |

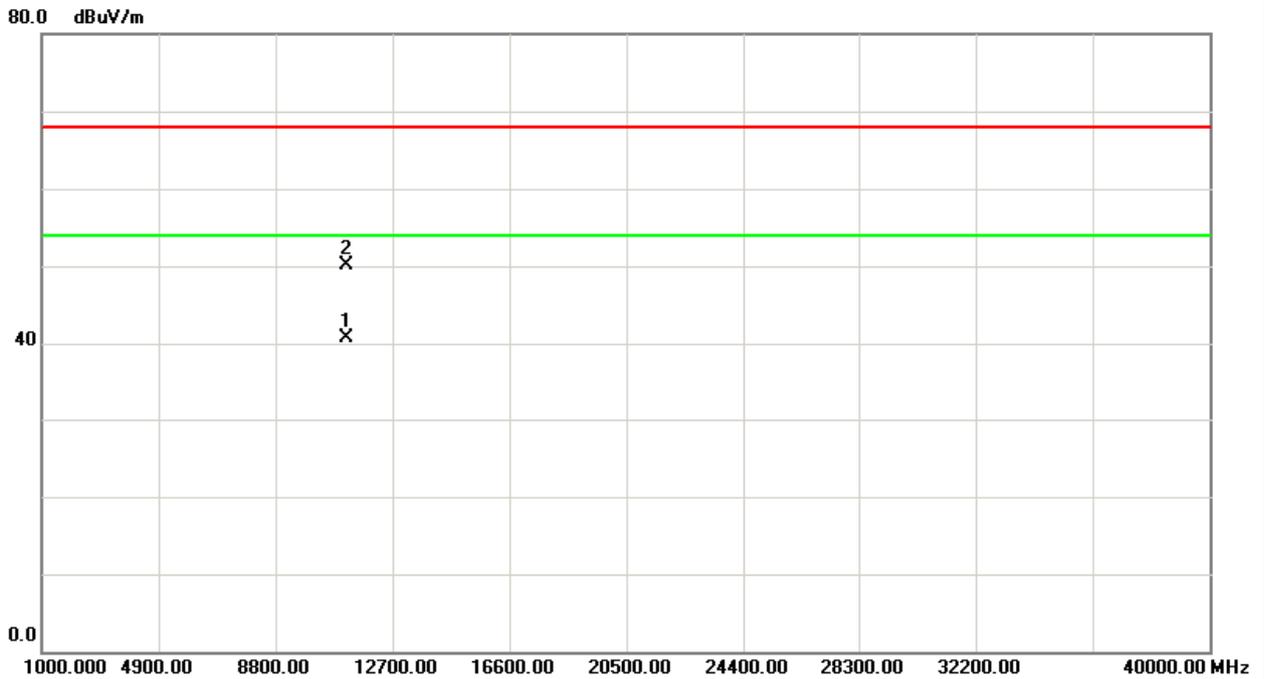
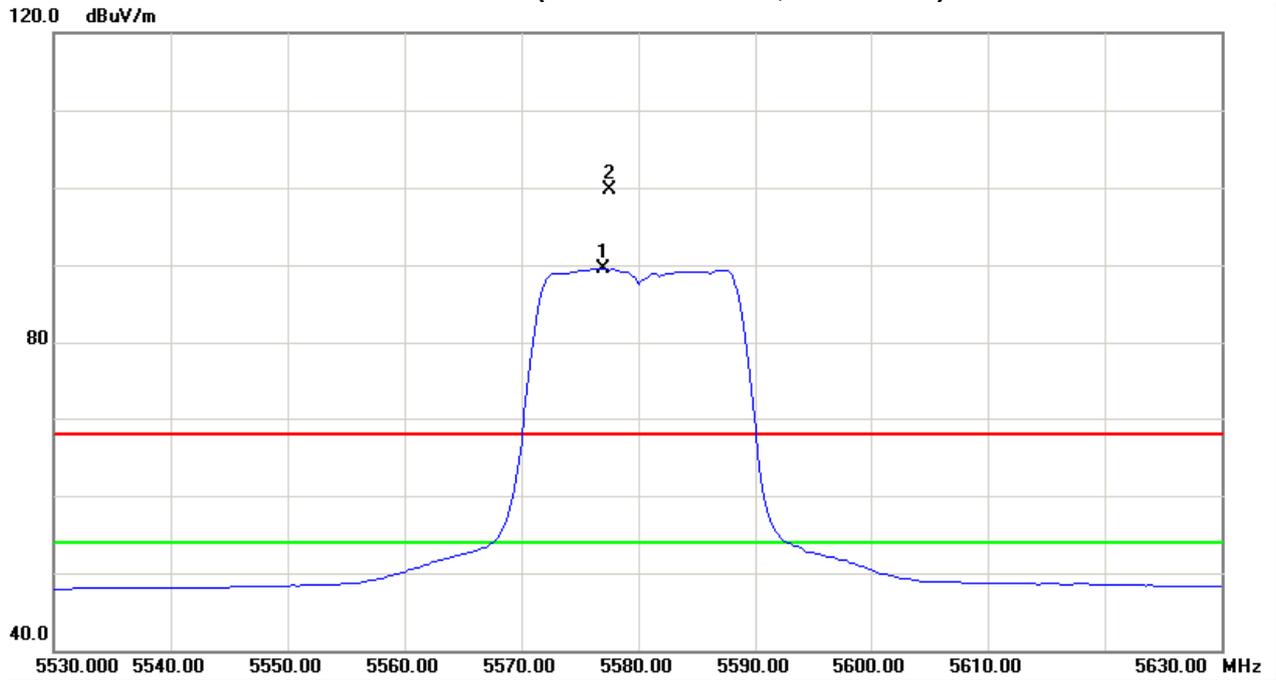
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5577.00 | H | 80.52 | 70.37 | 19.09 | 99.61 | 89.46 | -5.16 | -15.31 | | | | | X/F |
| 11160.23 | H | 36.06 | 26.59 | 14.04 | 50.10 | 40.63 | -54.67 | -64.14 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH116(Above 1000 MHz, Horizontal)





| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5700MHz | | |

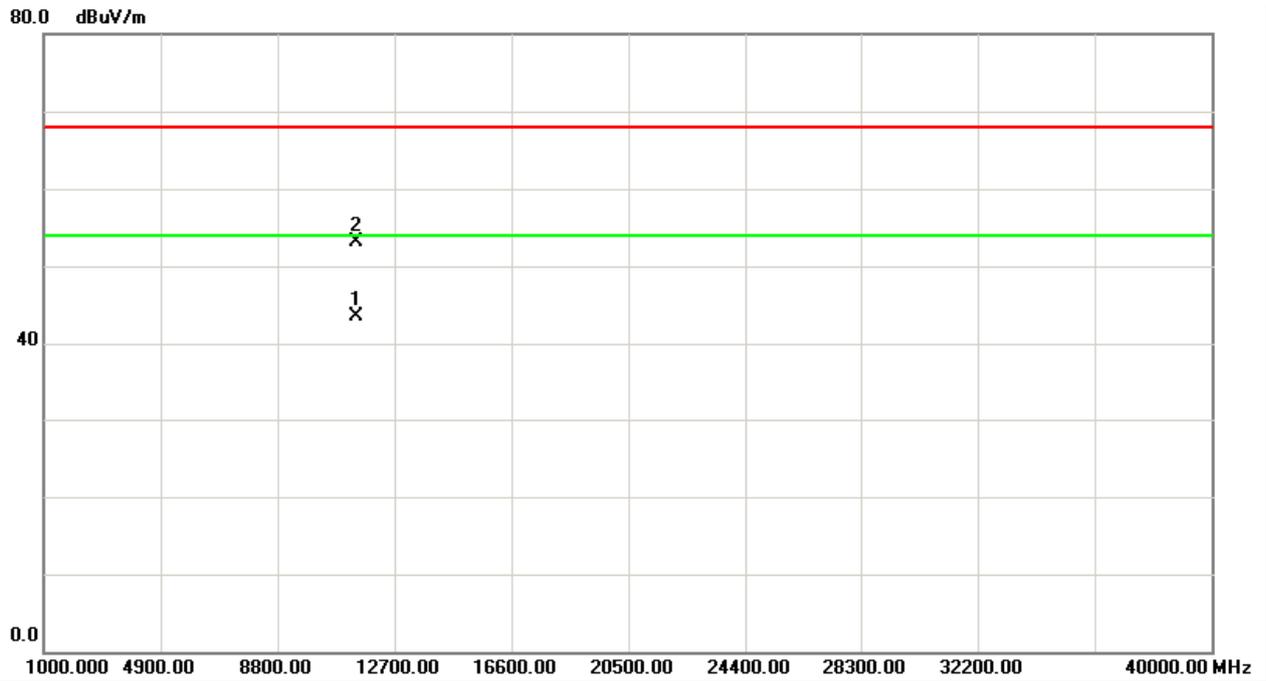
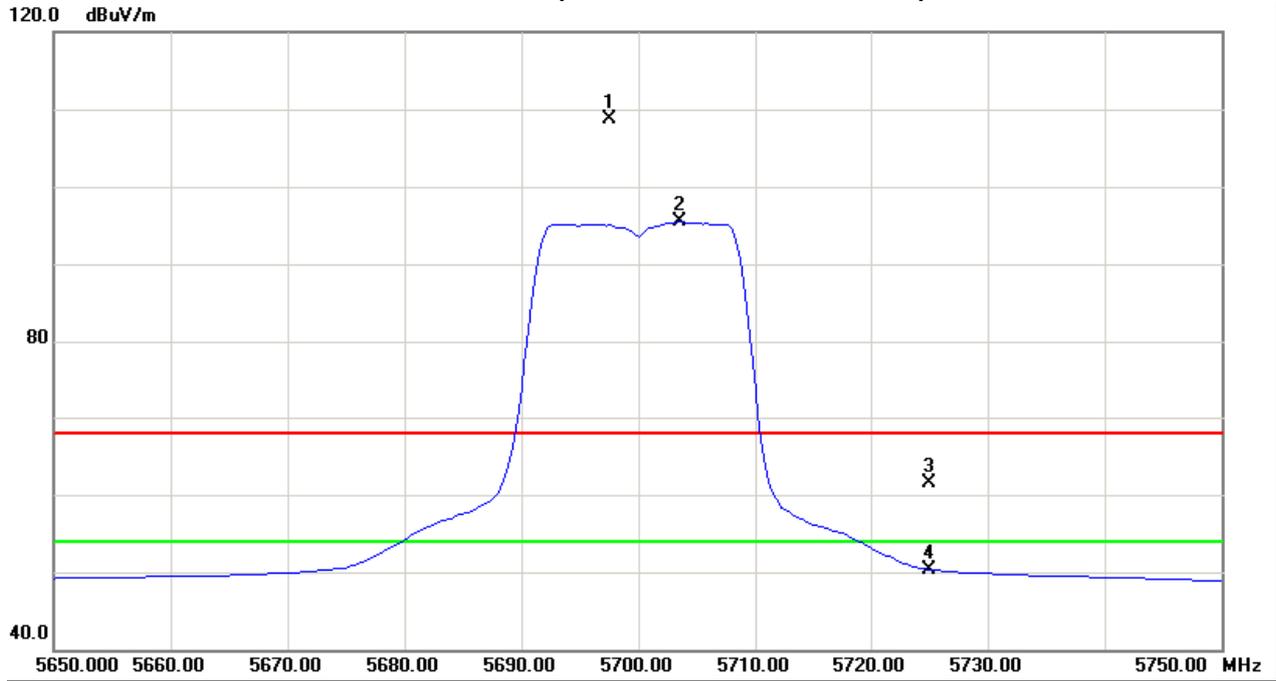
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5703.50 | V | 89.00 | 75.71 | 19.71 | 108.71 | 95.42 | 3.94 | -9.35 | | | | | X/F |
| 5725.00 | V | 41.70 | 30.55 | 19.82 | 61.52 | 50.37 | -43.25 | -54.40 | 68.30 | | -27.00 | | X/E |
| 11400.26 | V | 38.98 | 29.30 | 14.20 | 53.18 | 43.50 | -51.59 | -61.27 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency °“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH140(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|---------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX A Mode 5700MHz | | |

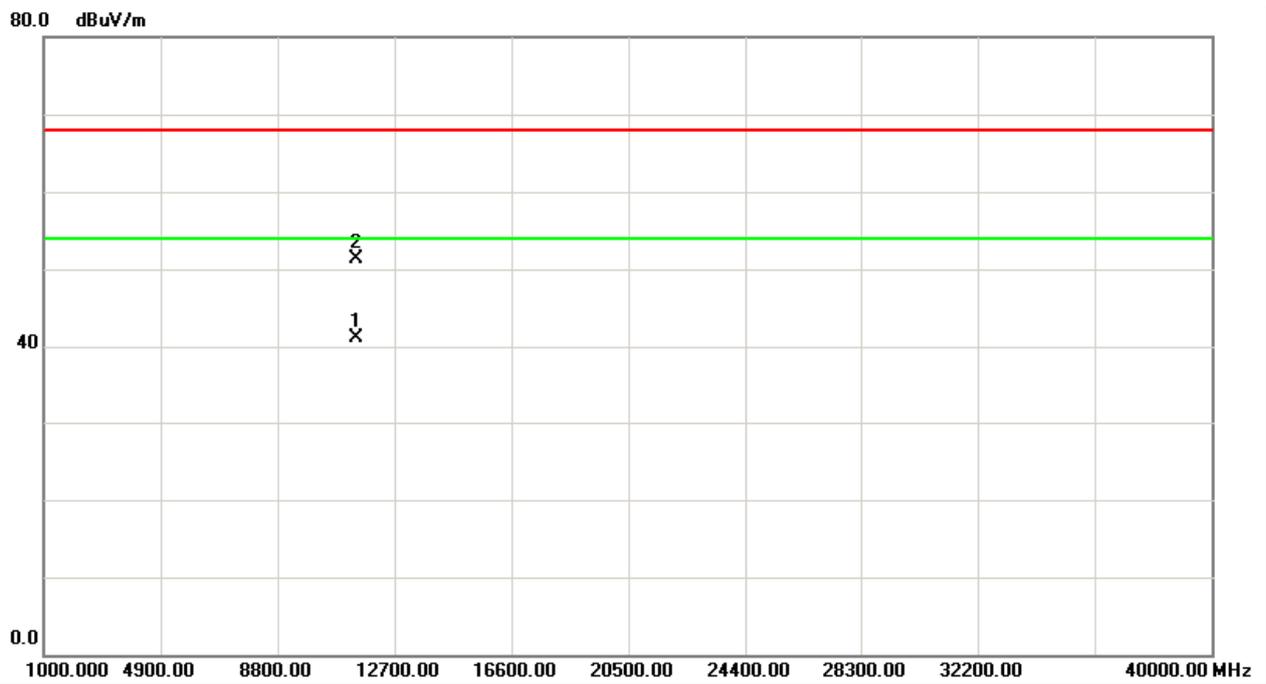
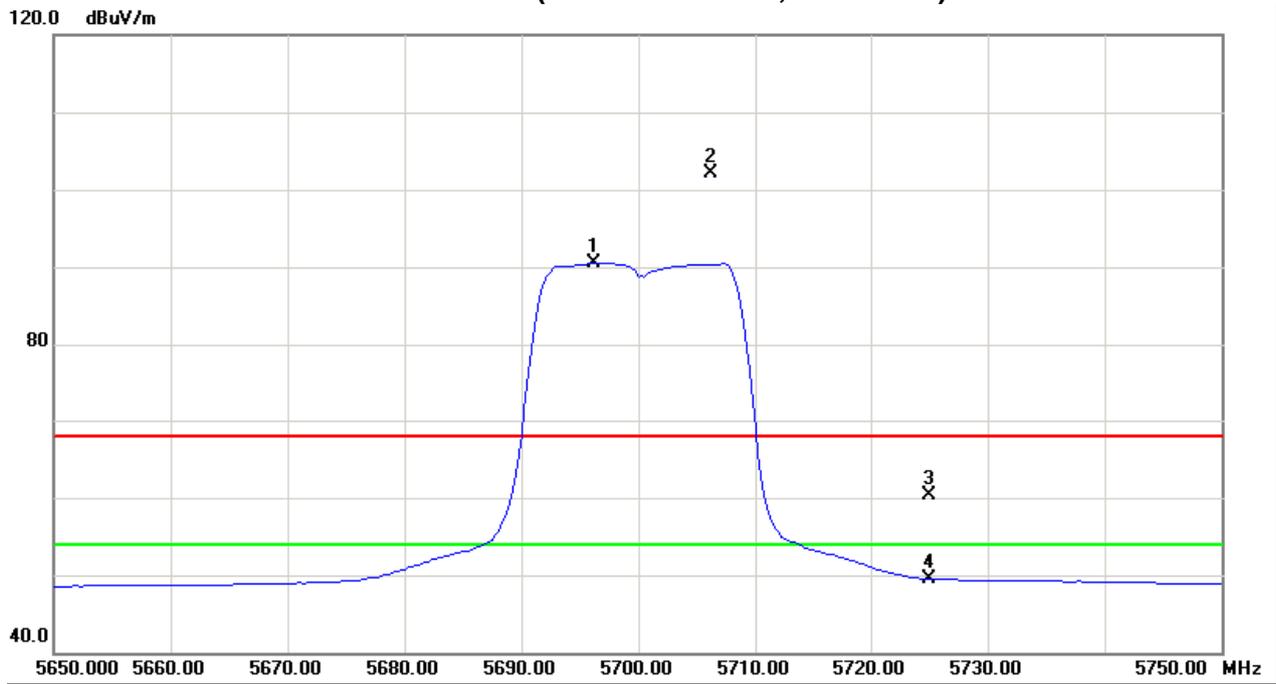
| Freq. (MHz) | Ant.Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5696.25 | H | 82.31 | 70.89 | 19.69 | 102.00 | 90.58 | -2.77 | -14.19 | | | | | X/F |
| 5725.00 | H | 40.49 | 29.68 | 19.82 | 60.31 | 49.50 | -44.46 | -55.27 | 68.30 | | -27.00 | | X/E |
| 11400.27 | H | 37.03 | 26.81 | 14.20 | 51.23 | 41.01 | -53.54 | -63.76 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH140(Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5500MHz | | |

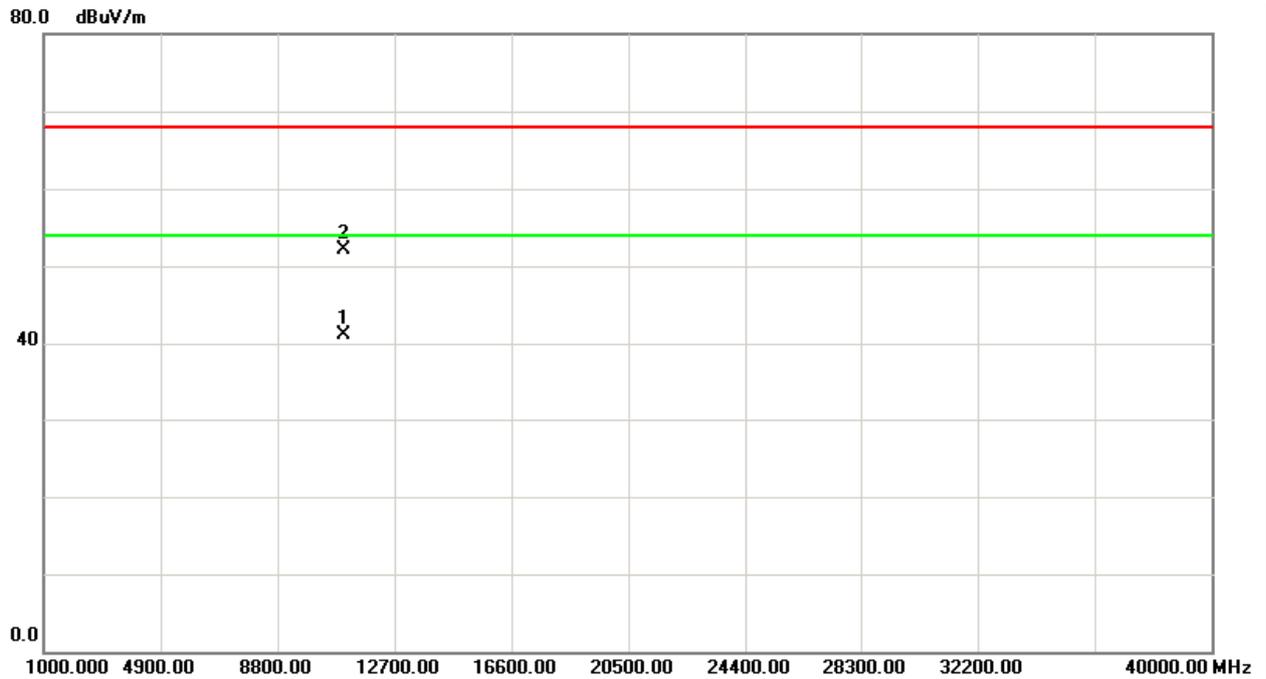
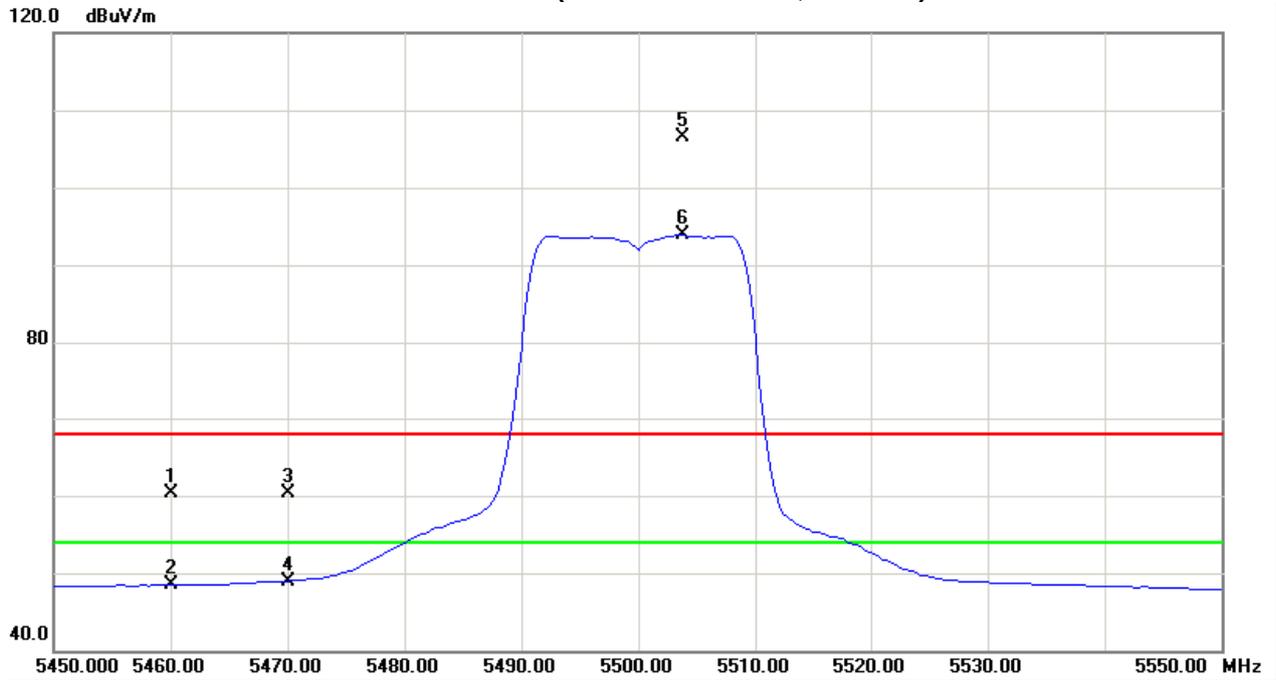
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5460.00 | V | 41.79 | 29.87 | 18.56 | 60.35 | 48.43 | -44.42 | -56.34 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5470.00 | V | 41.75 | 30.38 | 18.60 | 60.35 | 48.98 | -44.42 | -55.79 | 68.30 | | -27.00 | | X/E |
| 5503.75 | V | 87.78 | 75.15 | 18.17 | 105.95 | 93.32 | 1.18 | -11.45 | | | | | X/F |
| 11000.15 | V | 38.25 | 27.09 | 13.93 | 52.18 | 41.02 | -52.59 | -63.75 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH100(Above 1000 MHz, Vertical)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5500MHz | | |

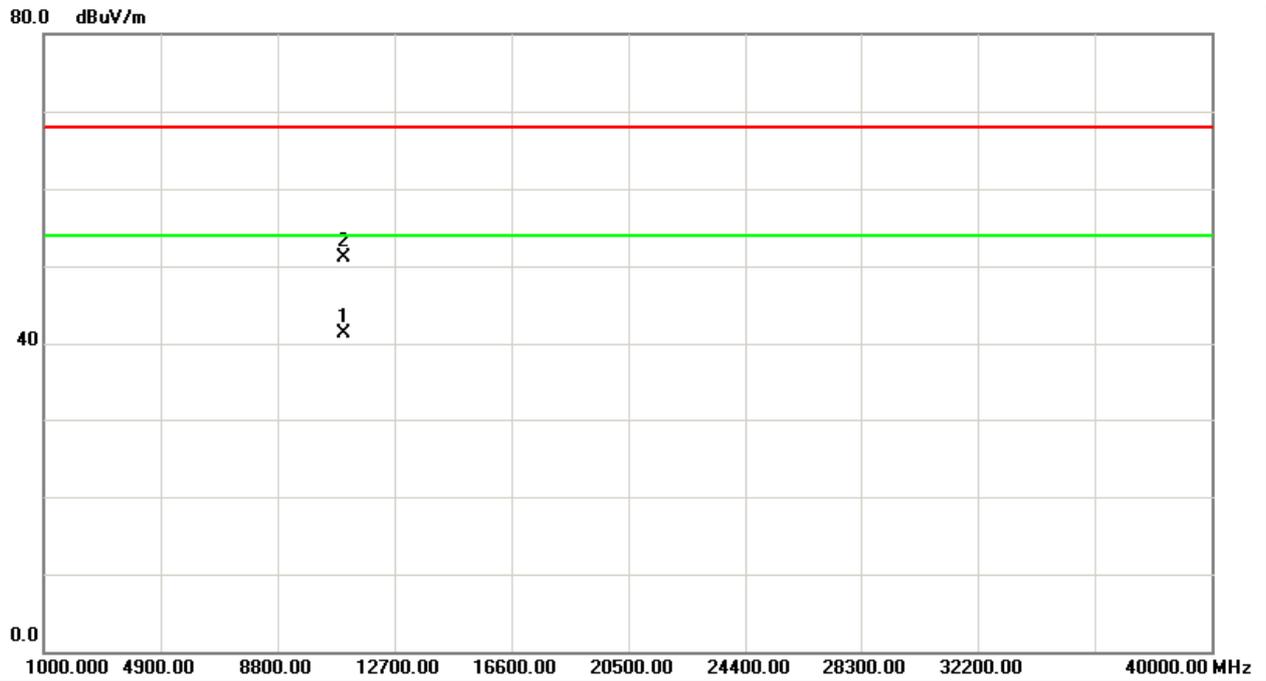
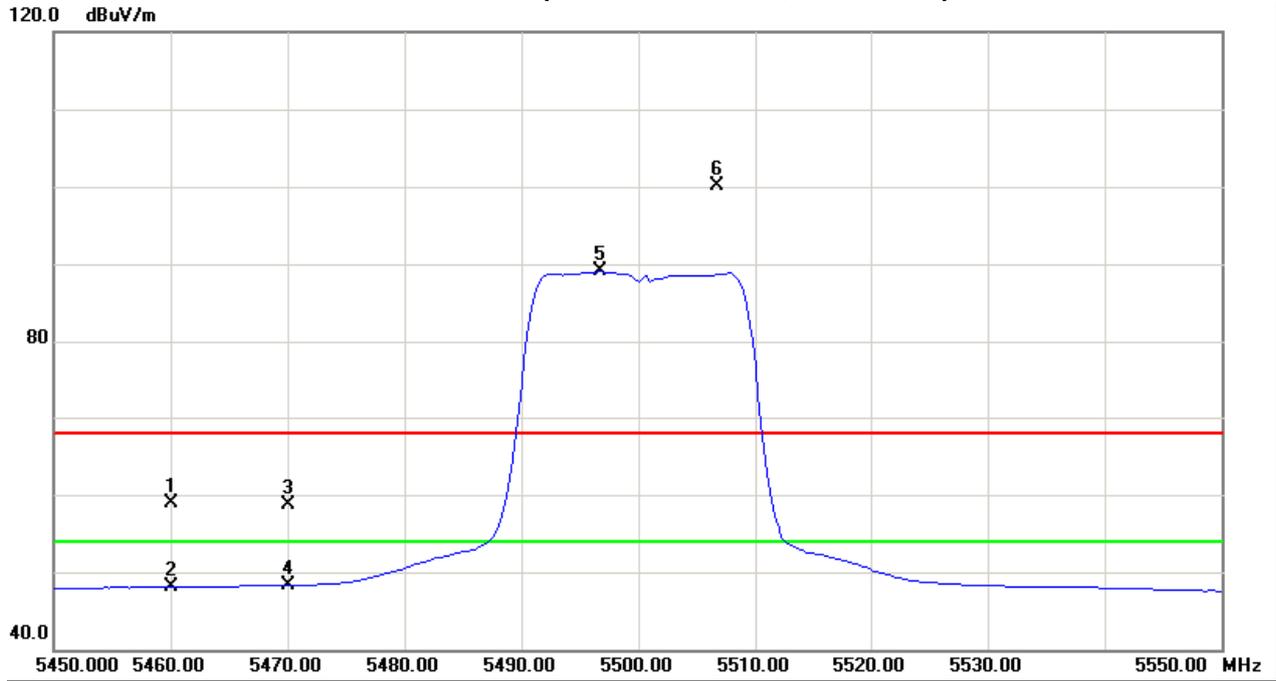
| Freq. (MHz) | Ant.Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5460.00 | H | 40.43 | 29.51 | 18.56 | 58.99 | 48.07 | -45.78 | -56.70 | 74.00 | 54.00 | -21.30 | -41.30 | X/E |
| 5470.00 | H | 40.04 | 29.68 | 18.60 | 58.64 | 48.28 | -46.13 | -56.49 | 68.30 | | -27.00 | | X/E |
| 5496.75 | H | 81.41 | 70.33 | 18.69 | 100.10 | 89.02 | -4.67 | -15.75 | | | | | X/F |
| 11000.16 | H | 37.08 | 27.30 | 13.93 | 51.01 | 41.23 | -53.76 | -63.54 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency .“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH100 (Above 1000 MHz, Horizontal)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5580MHz | | |

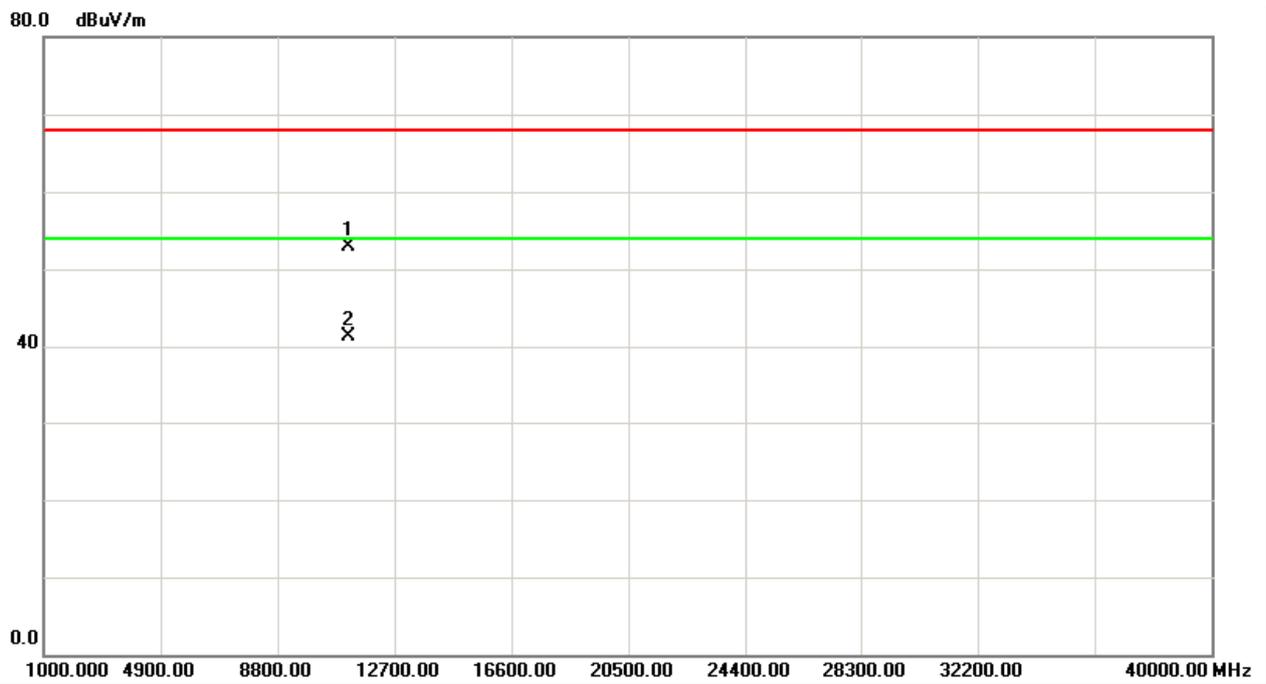
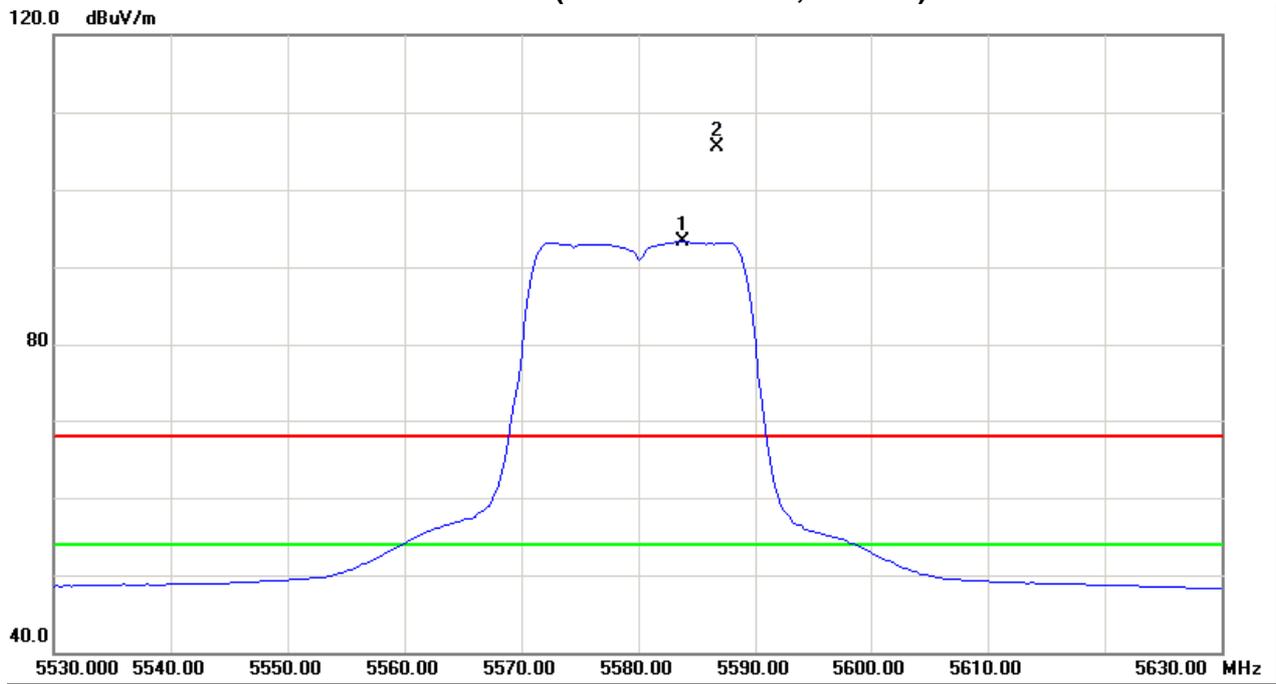
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5583.75 | V | 86.38 | 74.16 | 19.11 | 105.49 | 93.27 | 0.72 | -11.50 | | | | | X/F |
| 11160.32 | V | 38.90 | 27.28 | 14.04 | 52.94 | 41.32 | -51.83 | -63.45 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; ”Y” - denotes Vertical Stand ; ”Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH116(Above 1000 MHz, Vertical)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5580MHz | | |

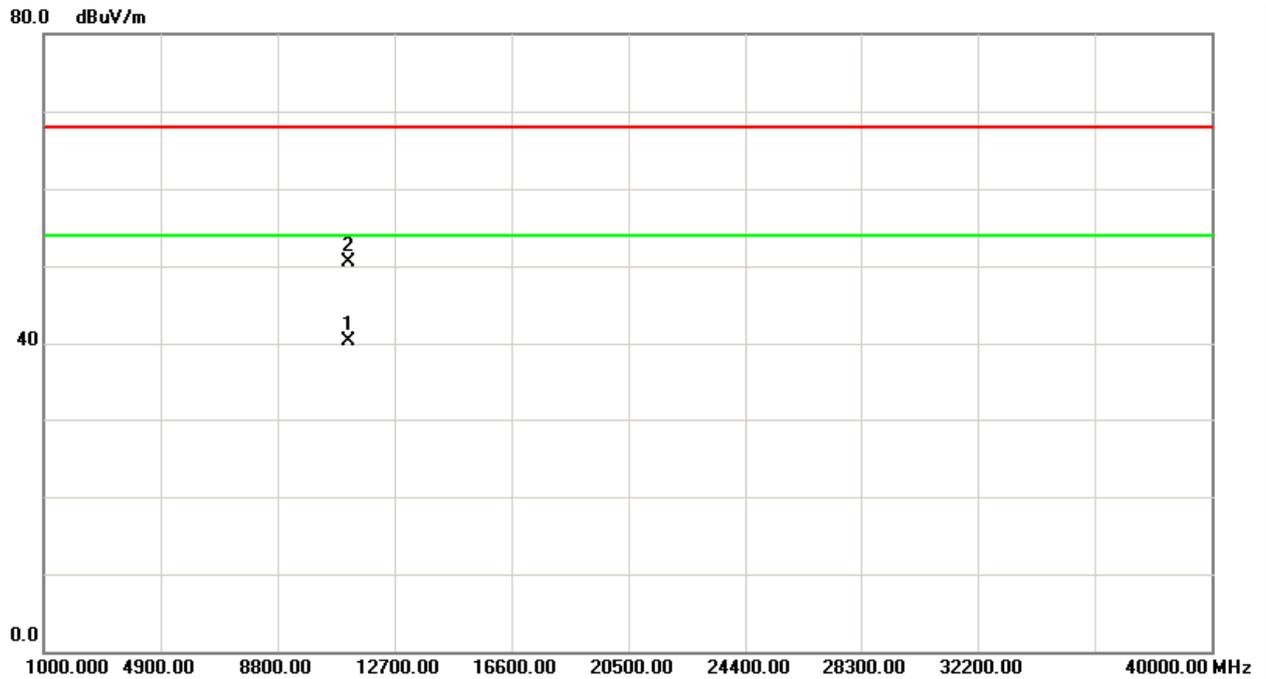
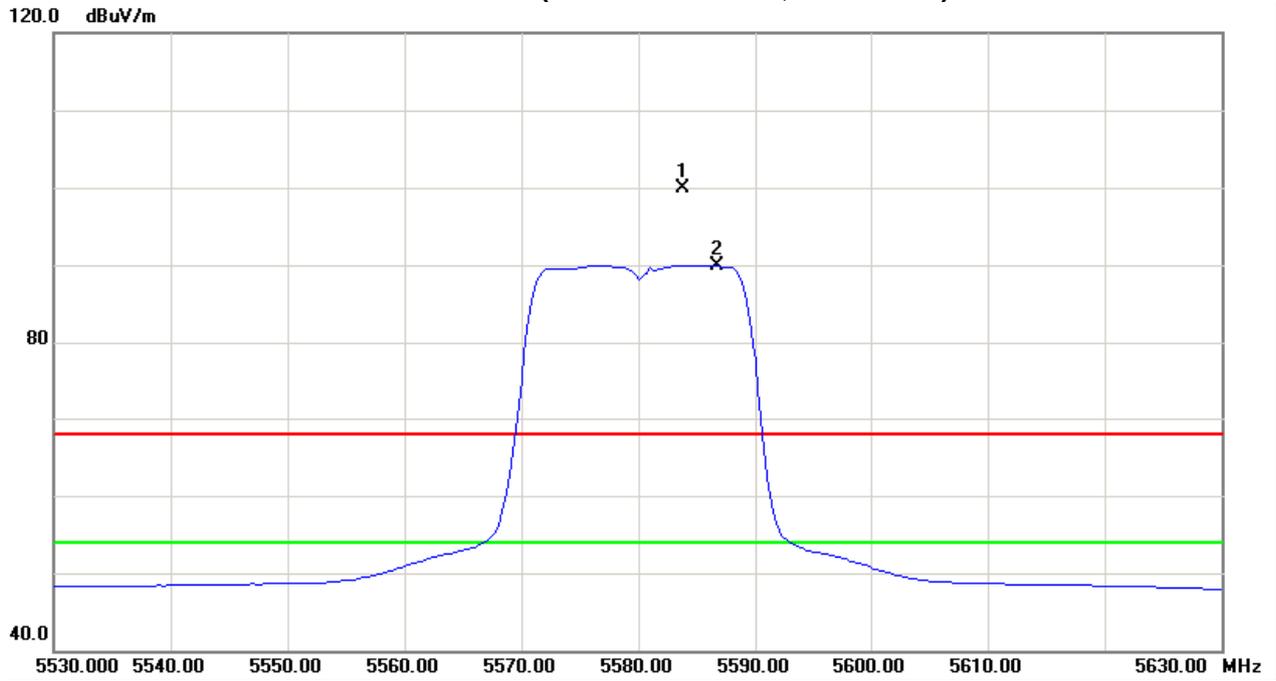
| Freq. (MHz) | Ant.Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5586.75 | H | 80.85 | 70.87 | 19.11 | 99.96 | 89.98 | -4.81 | -14.79 | | | | | X/F |
| 11160.35 | H | 36.37 | 26.32 | 14.04 | 50.41 | 40.36 | -54.36 | -64.41 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH116 (Above 1000 MHz, Horizontal)





Neutron Engineering Inc.

| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5700MHz | | |

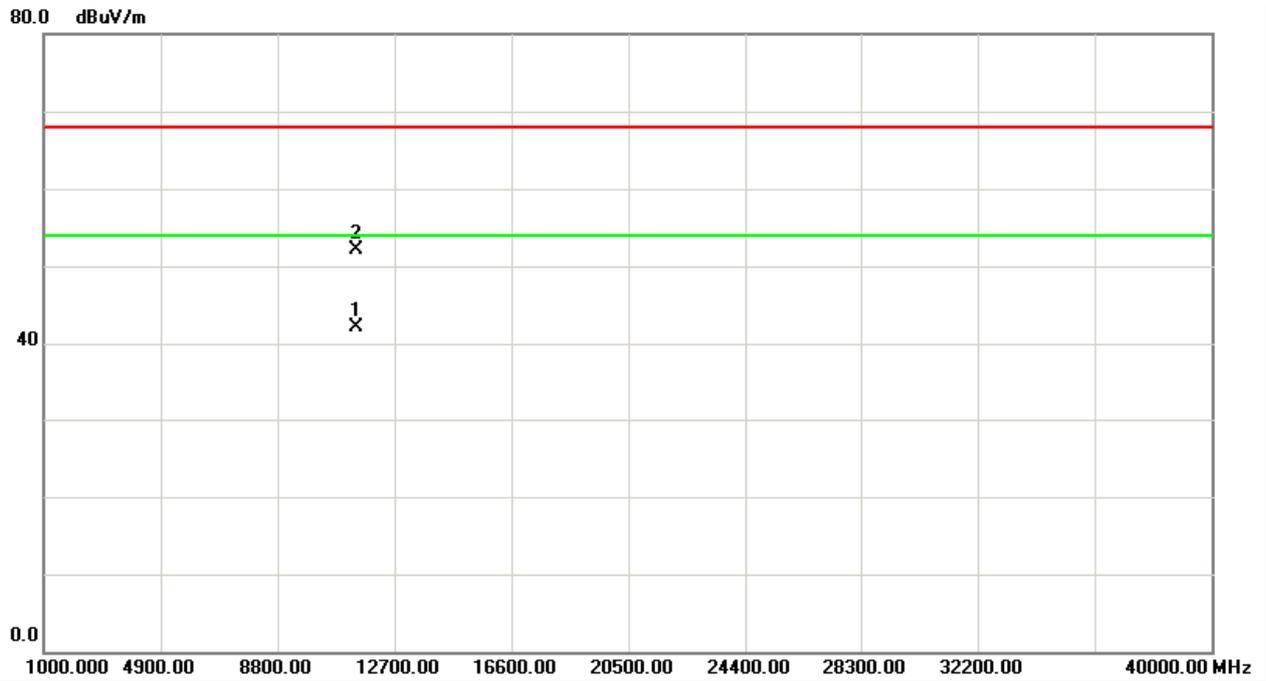
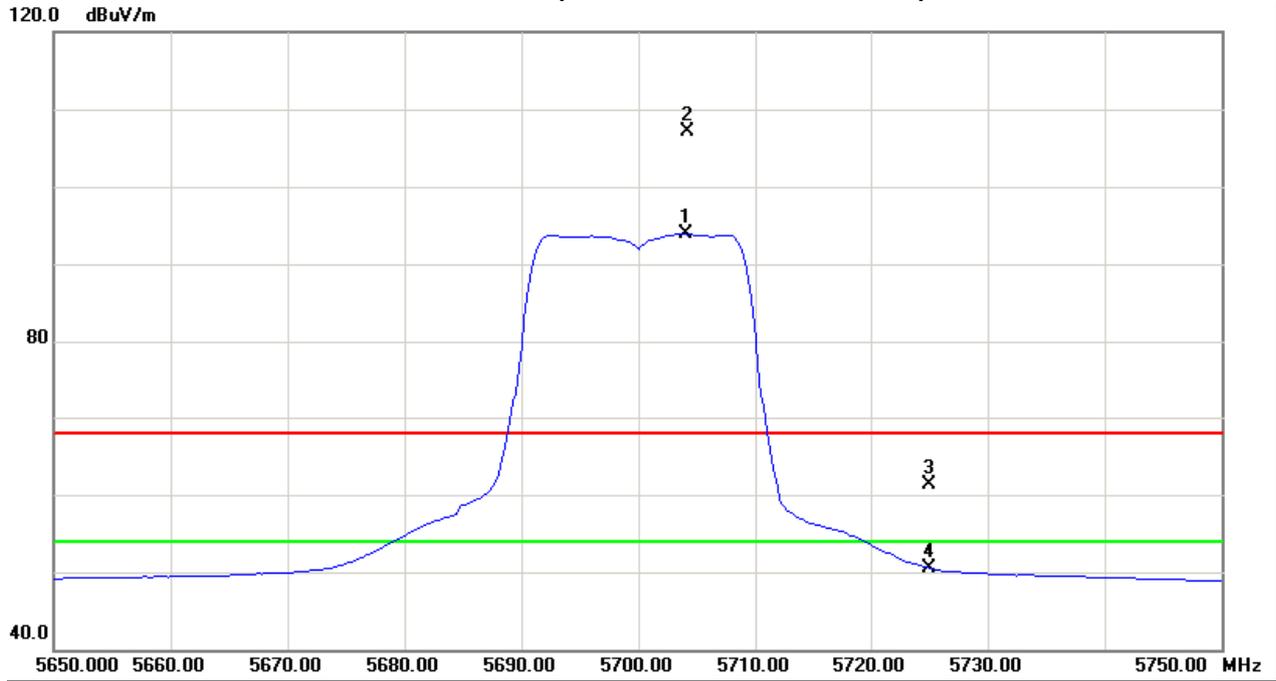
| Freq. (MHz) | Ant. Pol. HV | Reading | | Ant./CF CF(dB) | Act. (dBuV/m) | | Act. (dBm) | | Limit (dBuV/m) | | Limit (dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|---------------|-------|------------|--------|----------------|-------|-------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5704.25 | V | 87.33 | 74.12 | 19.71 | 107.04 | 93.83 | 2.27 | -10.94 | | | | | X/F |
| 5725.00 | V | 41.54 | 30.71 | 19.82 | 61.36 | 50.53 | -43.41 | -54.24 | 68.30 | | -27.00 | | X/H |
| 11400.08 | V | 37.86 | 27.94 | 14.20 | 52.06 | 42.14 | -52.71 | -62.63 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『 Note 』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH140(Above 1000 MHz, Vertical)





| | | | |
|----------------|-----------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 52 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/ TX N20 Mode 5700MHz | | |

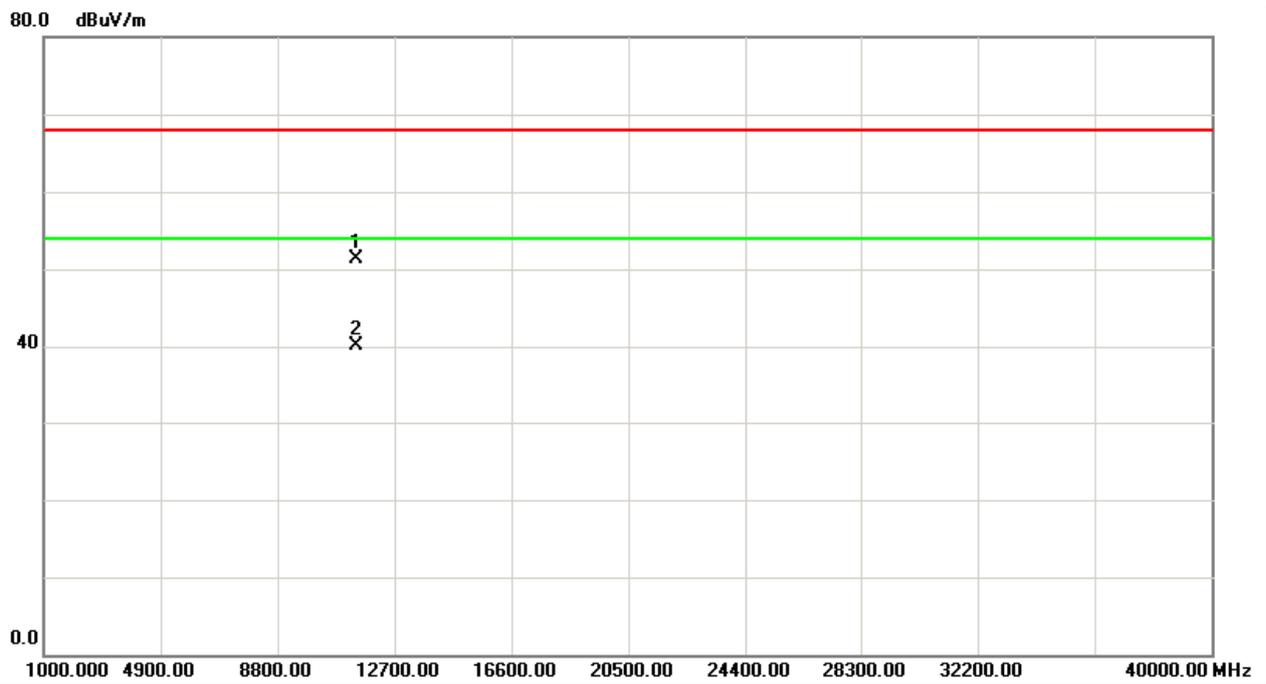
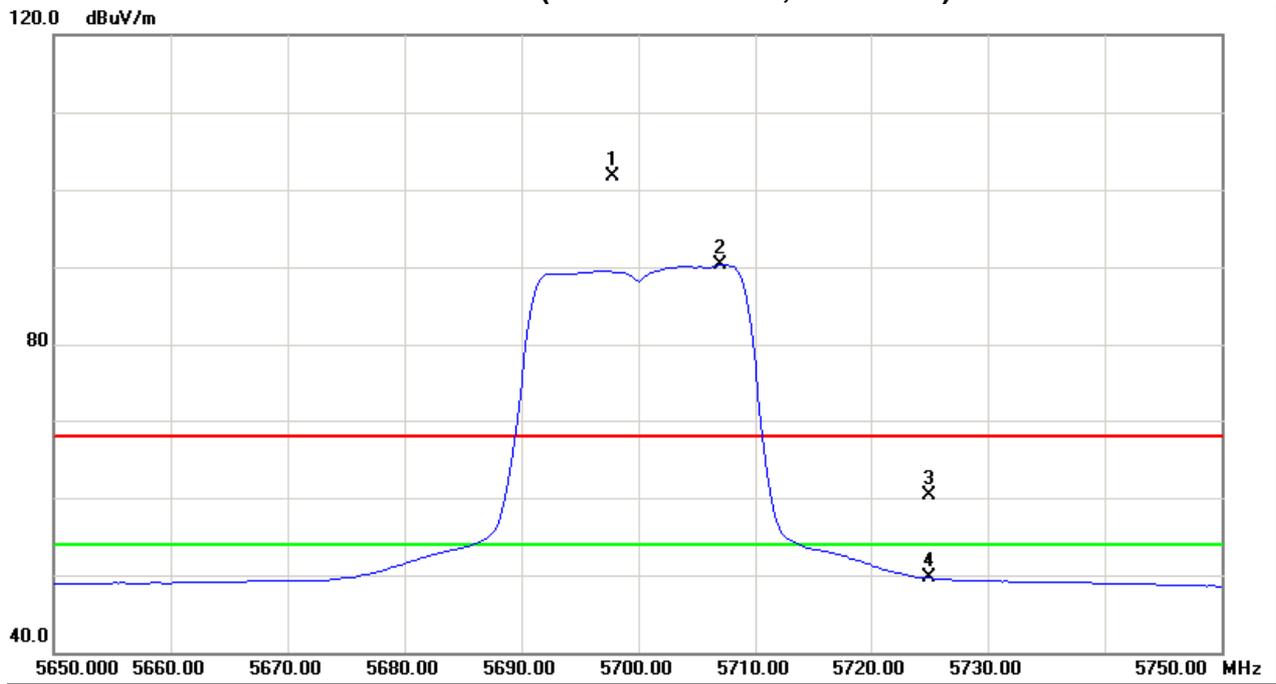
| Freq. (MHz) | Ant.Pol. H/V | Reading | | Ant./CF CF(dB) | Act.(dBuV/m) | | Act.(dBm) | | Limit(dBuV/m) | | Limit(dBm) | | Note |
|----------------|-----------------|----------------|--------------|-------------------|--------------|-------|-----------|--------|---------------|-------|------------|--------|------|
| | | Peak (dBuV) | AV (dBuV) | | Peak | AV | Peak | AV | Peak | AV | Peak | AV | |
| 5707.00 | H | 81.95 | 70.50 | 19.69 | 101.64 | 90.19 | -3.13 | -14.58 | | | | | X/F |
| 5725.00 | H | 40.45 | 29.80 | 19.82 | 60.27 | 49.62 | -44.50 | -55.15 | 68.30 | | -27.00 | | X/H |
| 11400.27 | H | 37.03 | 25.98 | 14.20 | 51.23 | 40.18 | -53.54 | -64.59 | 74.00 | 54.00 | -21.30 | -41.30 | X/H |

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency -“F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.



Orthogonal Axis : X
Band 3/CH140 (Above 1000 MHz, Horizontal)





5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E | | | |
|-----------------------|-------|-----------------------|--------|
| Test Item | Limit | Frequency Range (MHz) | Result |
| 26 dB Bandwidth | ----- | 5150MHz~5250 | PASS |
| | | 5250MHz~5350 | |
| | | 5470MHz~5725 | |

5.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|------------|------------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov.26.2012 | Nov.26.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of Equipment List is One Year.

5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

| Spectrum Parameters | Setting |
|---------------------|------------------|
| Attenuation | Auto |
| Span Frequency | > 26dB Bandwidth |
| RB | 300 kHz |
| VB | 1000 kHz |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP





5.1.5 EUT OPERATION CONDITIONS

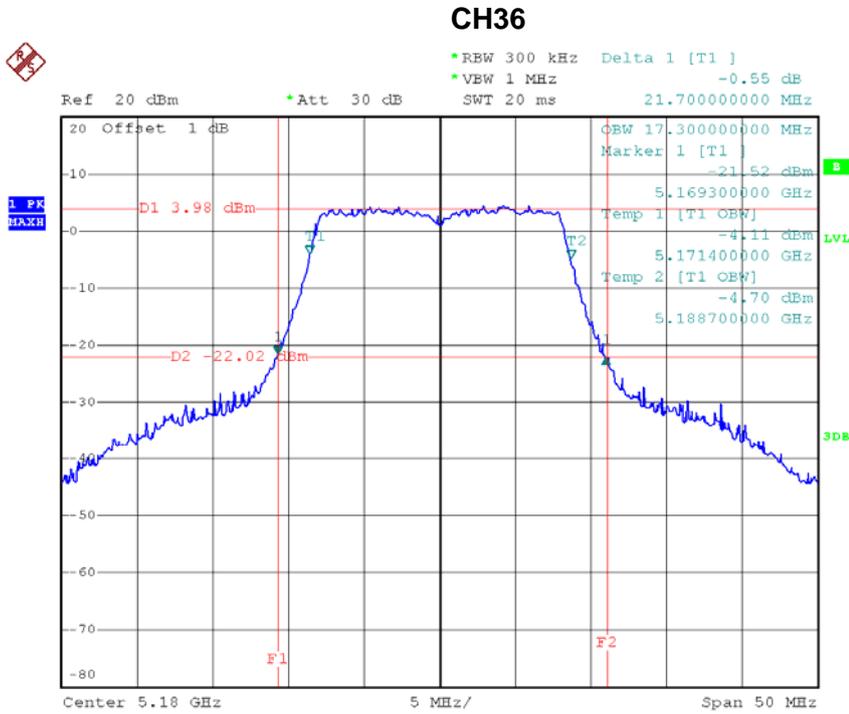
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



5.1.6 TEST RESULTS

| | | | |
|----------------|------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX A Mode /CH36, CH40, CH48 | | |

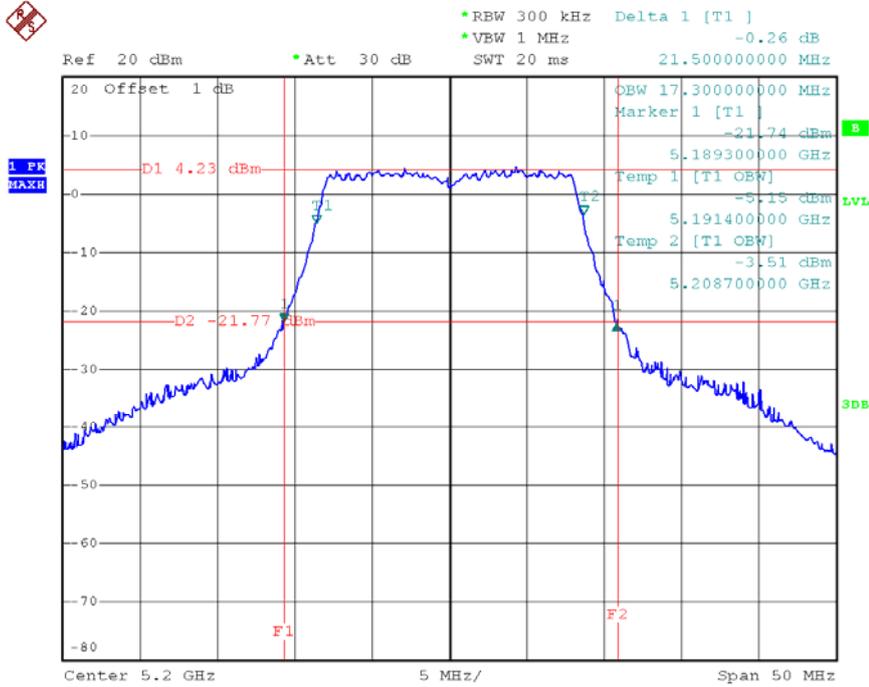
| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH36 | 5180 | 21.70 | 17.30 |
| CH40 | 5210 | 21.50 | 17.30 |
| CH48 | 5240 | 21.60 | 17.30 |



Date: 27.NOV.2012 23:34:53

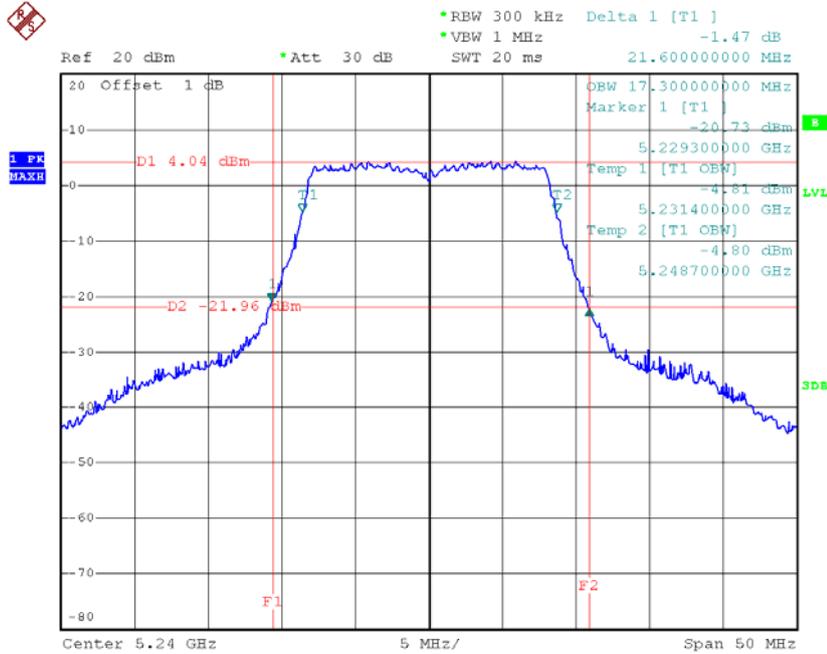


CH40



Date: 27.NOV.2012 23:33:25

CH48

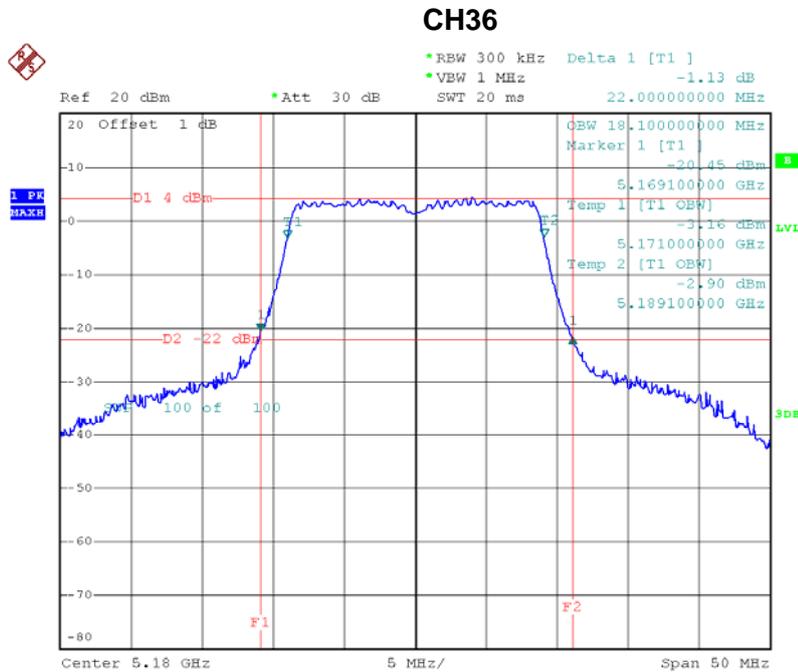


Date: 27.NOV.2012 23:30:08



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TXN20 Mode /CH36, CH40, CH48 | | |

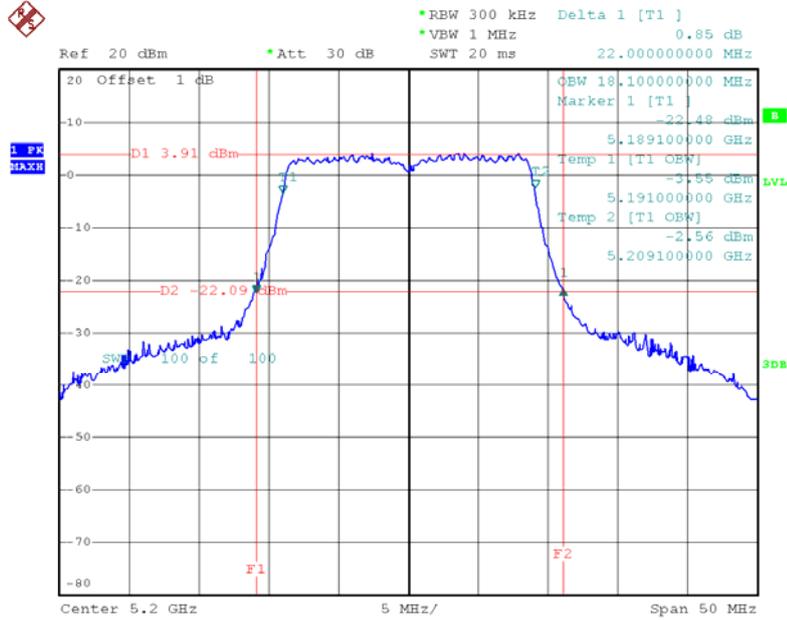
| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH36 | 5180 | 22.00 | 18.10 |
| CH40 | 5210 | 22.00 | 18.10 |
| CH48 | 5240 | 21.80 | 18.10 |



Date: 27.NOV.2012 22:58:27

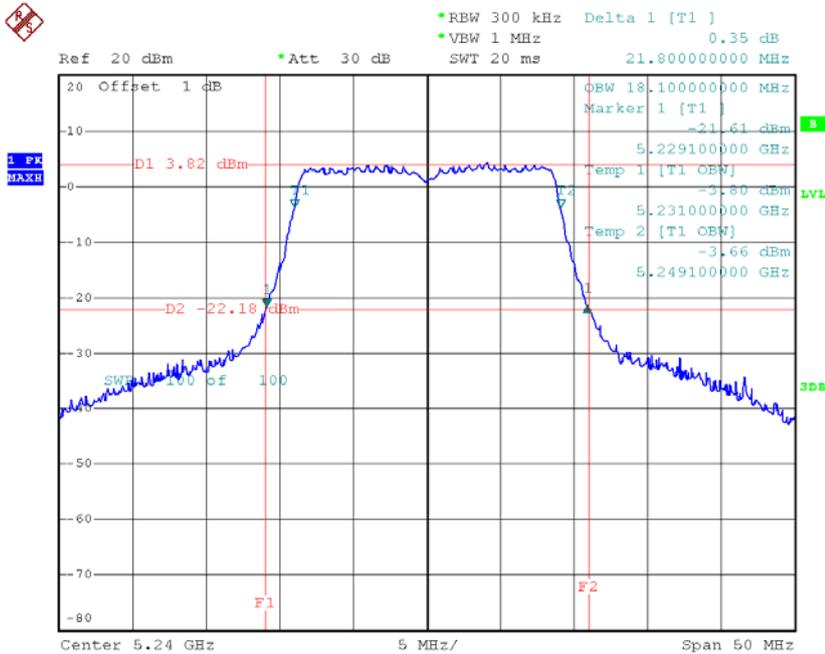


CH40



Date: 27.NOV.2012 23:07:50

CH48

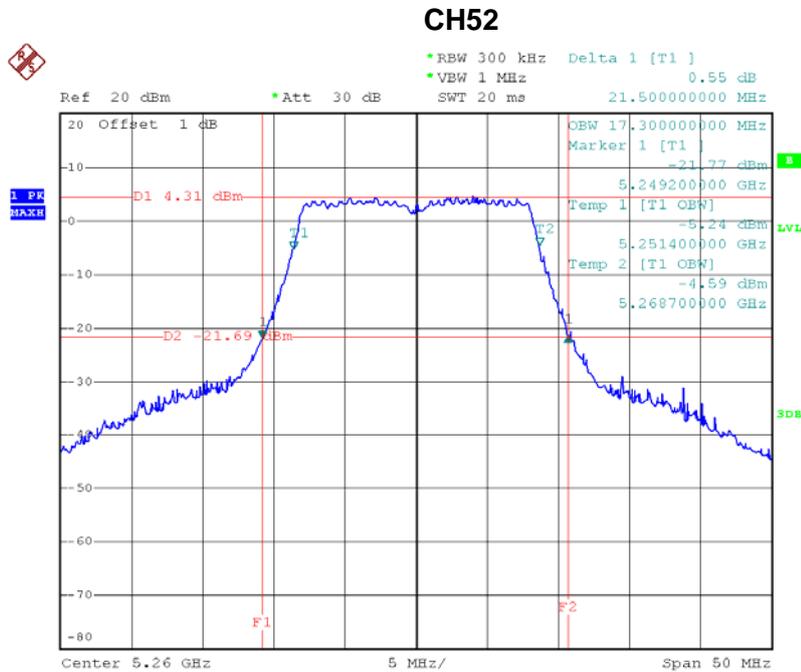


Date: 27.NOV.2012 23:09:12



| | | | |
|----------------|------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX A Mode /CH52, CH56, CH64 | | |

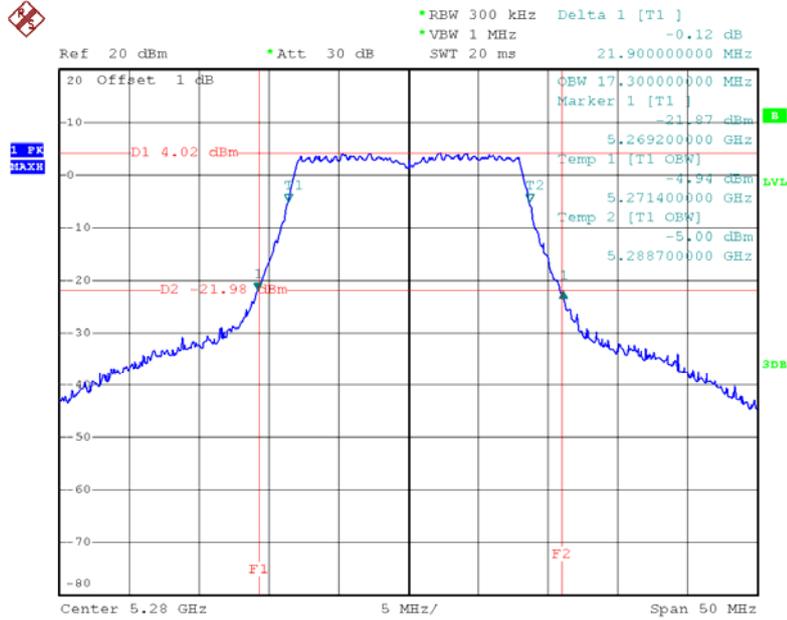
| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH52 | 5260 | 21.50 | 17.30 |
| CH56 | 5280 | 21.90 | 17.30 |
| CH64 | 5320 | 21.50 | 17.30 |



Date: 27.NOV.2012 23:28:17

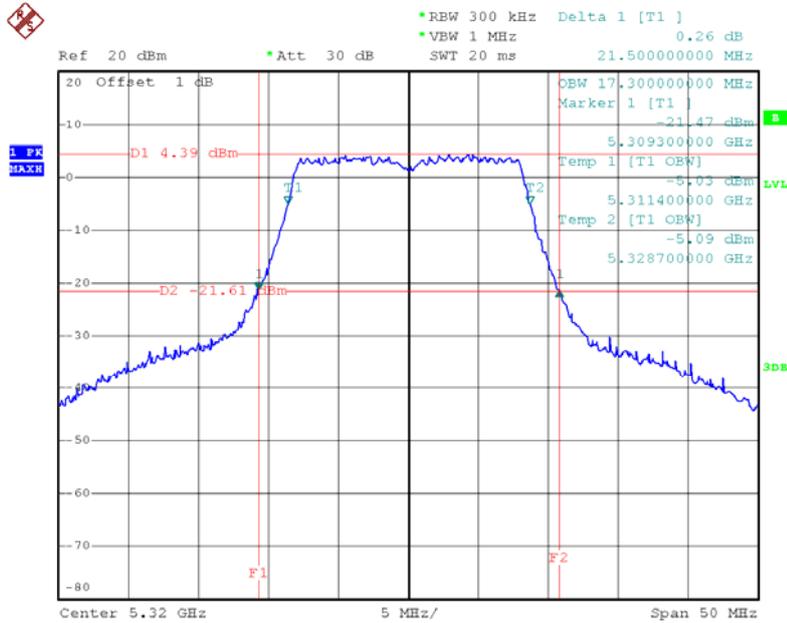


CH56



Date: 27.NOV.2012 23:26:42

CH64

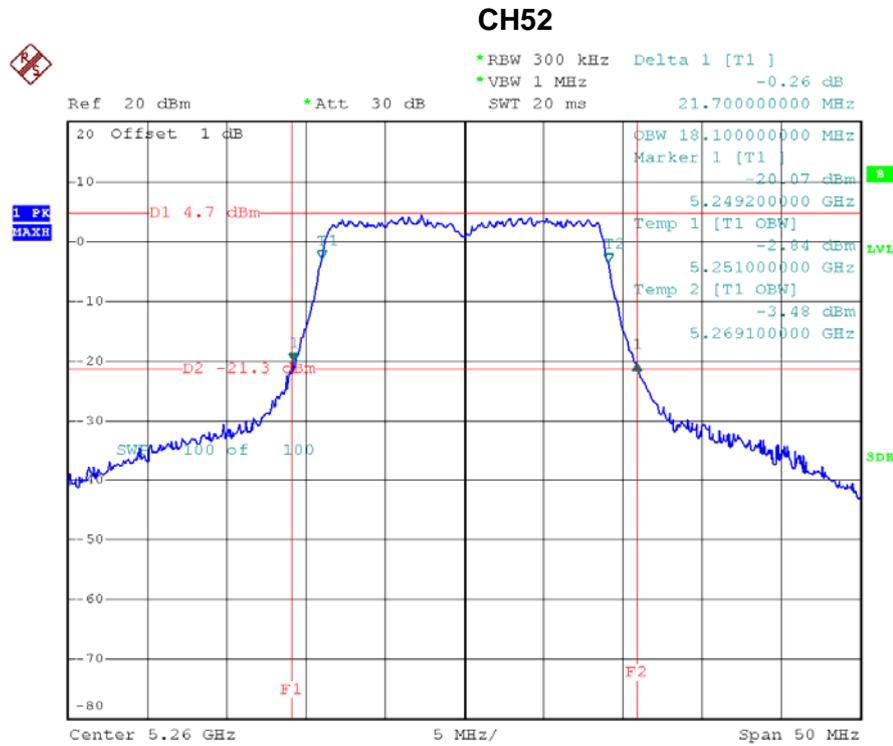


Date: 27.NOV.2012 23:25:00



| | | | |
|----------------|--------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX N20 Mode /CH52, CH56, CH64 | | |

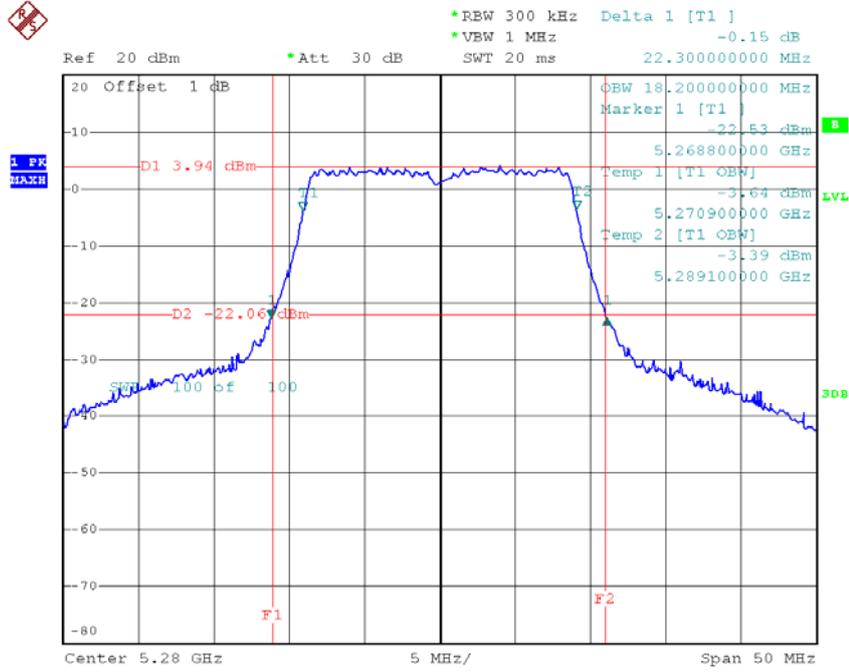
| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH52 | 5260 | 21.80 | 18.10 |
| CH56 | 5280 | 22.30 | 18.20 |
| CH64 | 5320 | 22.00 | 18.10 |



Date: 27.NOV.2012 23:11:22

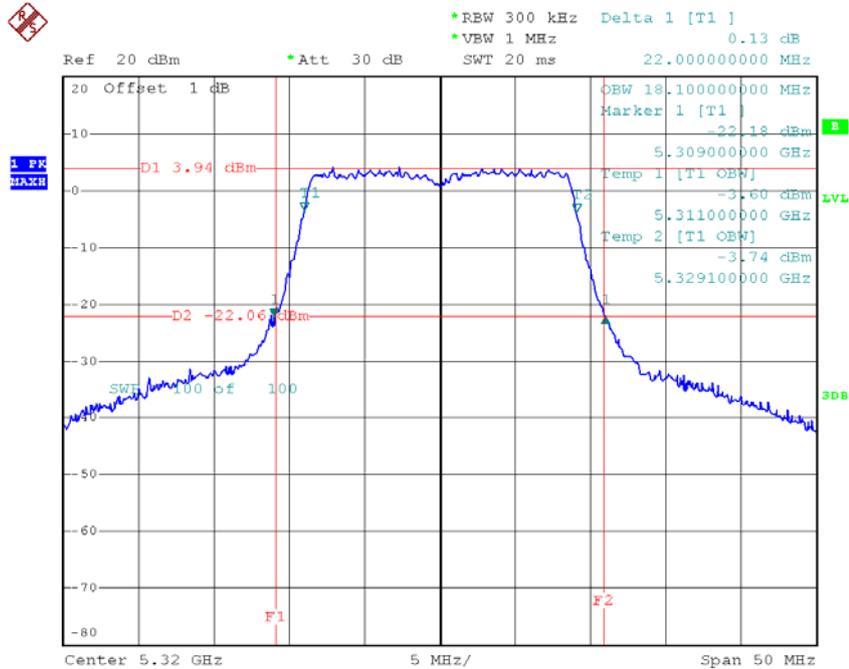


CH56



Date: 27.NOV.2012 23:05:30

CH64



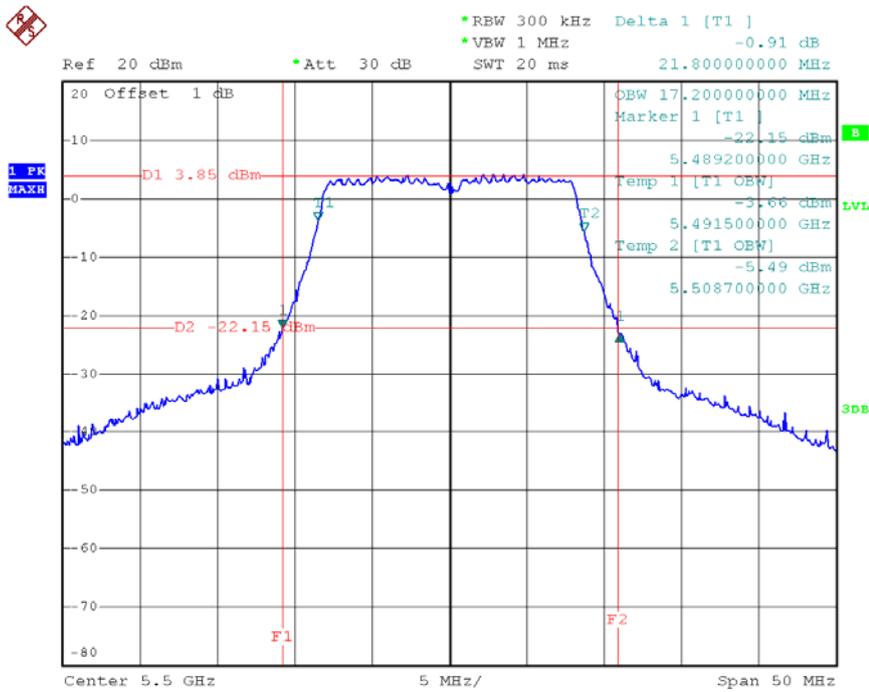
Date: 27.NOV.2012 23:06:17



| | | | |
|----------------|---------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX A Mode /CH100, CH116, CH140 | | |

| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH100 | 5500 | 21.80 | 17.20 |
| CH116 | 5580 | 21.50 | 17.30 |
| CH140 | 5700 | 21.30 | 17.20 |

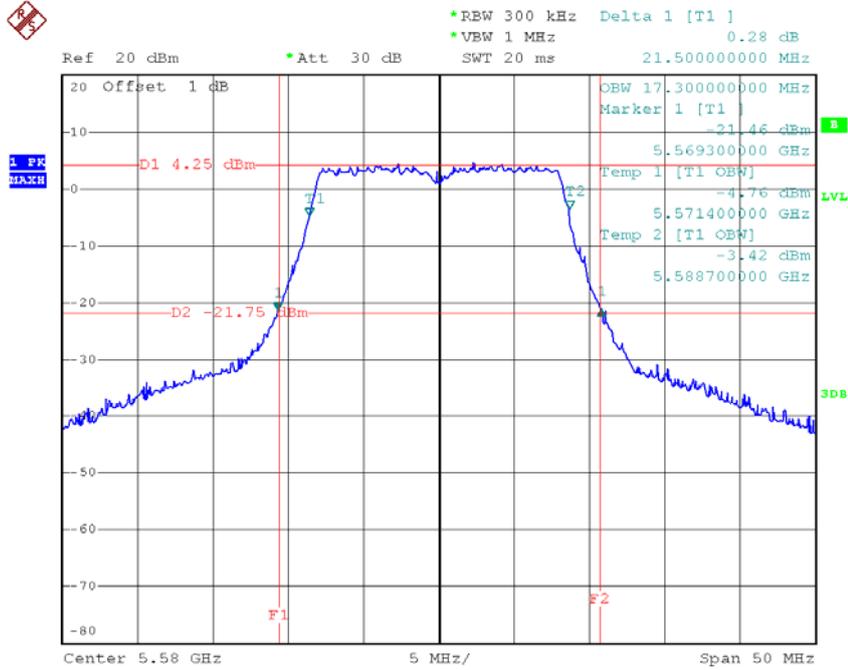
CH100



Date: 27.NOV.2012 23:23:08

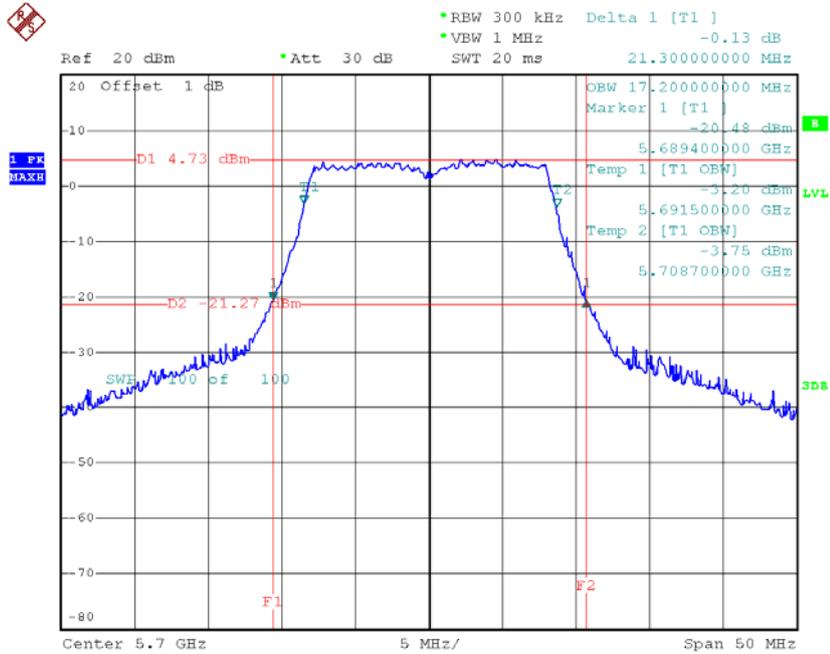


CH116



Date: 27.NOV.2012 23:20:05

CH140

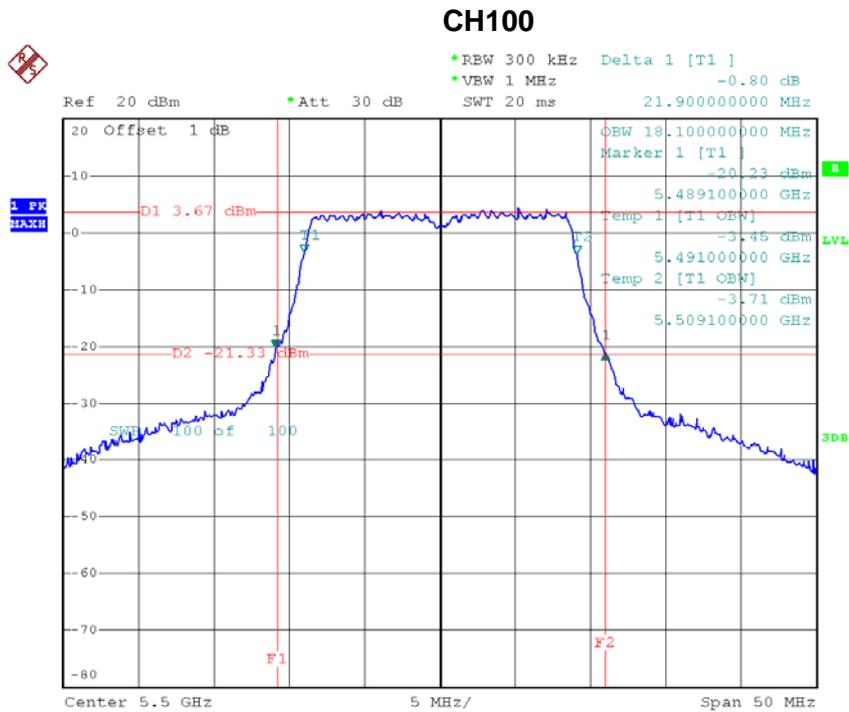


Date: 27.NOV.2012 23:18:10



| | | | |
|----------------|---|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX N20 Mode /CH100, CH116, CH140 | | |

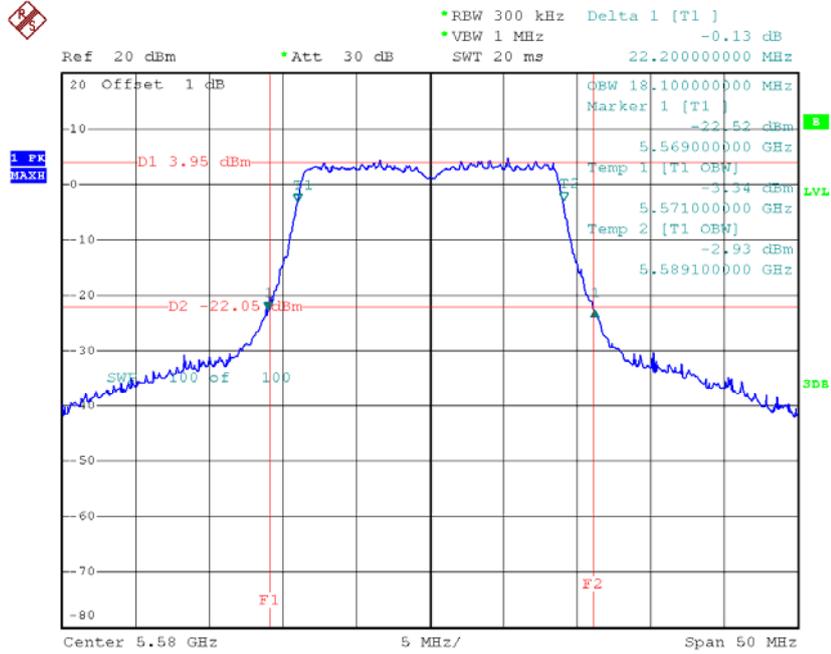
| Channel | Frequency (MHz) | 26dB Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) |
|---------|-----------------|----------------------|------------------------------|
| CH100 | 5500 | 21.90 | 18.10 |
| CH116 | 5580 | 22.20 | 18.10 |
| CH140 | 5700 | 22.30 | 18.10 |



Date: 27.NOV.2012 23:13:07

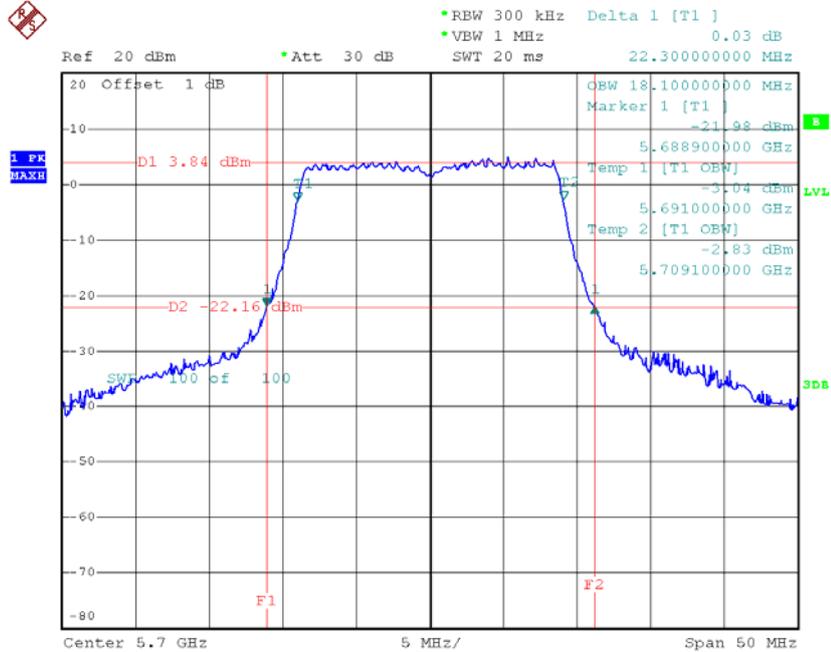


CH116



Date: 27.NOV.2012 23:14:42

CH140



Date: 27.NOV.2012 23:16:09



6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E | | | |
|-----------------------|-----------------------|---|--------|
| Test Item | Frequency Range (MHz) | Limit | Result |
| Peak Output Power | 5150 - 5250 | not exceed the lesser of 50 mW (17dBm) or 4 dBm + 10log B, | PASS |
| | 5250 - 5350 | not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B | PASS |
| | 5470 - 5725 | not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B | PASS |

Note: where “B” is the 26 dB emissions bandwidth in MHz.

6.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|------------|------------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov.26.2012 | Nov.26.2013 |

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

6.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b.

| Spectrum Parameter | Setting |
|--------------------|--|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | = 1 MHz. |
| VBW | ≥ 3 MHz. |
| Detector | RMS |
| Trace | Max Hold |
| Sweep Time | auto |

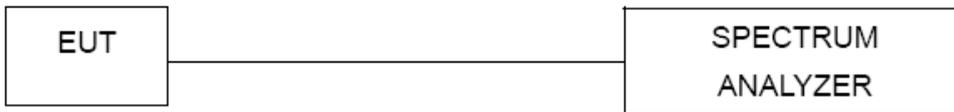
- b. Test was performed in accordance with method of KDB 789033 D01.



6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP



6.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



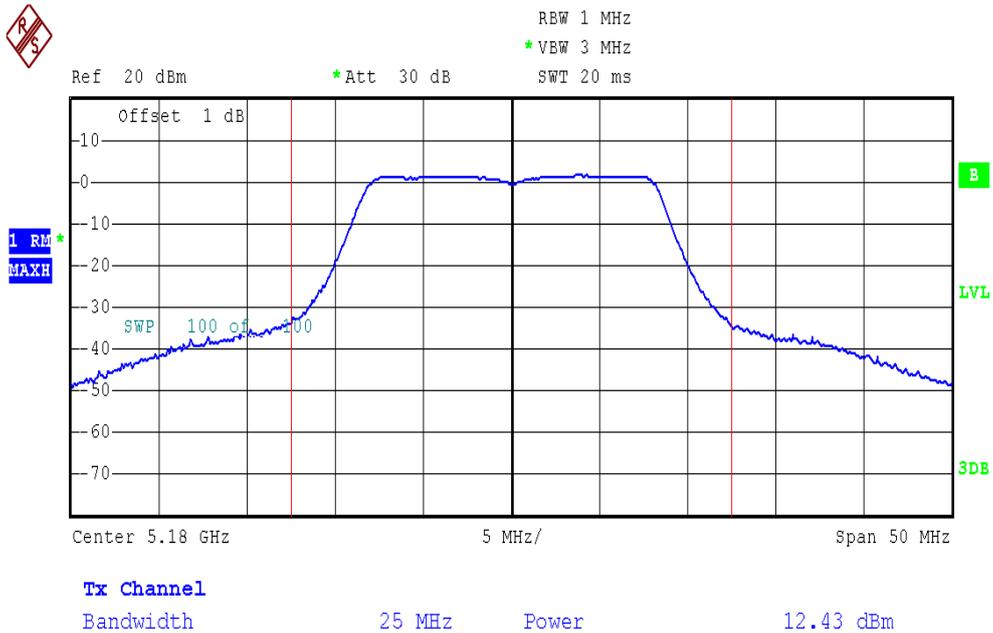
6.1.6 TEST RESULTS

| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX A Mode/CH36, CH40, CH48 | | |

Peak Output Power

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH36 | 5180 | 12.43 | 17.00 | 0.0501 |
| CH40 | 5200 | 12.41 | 17.00 | 0.0501 |
| CH48 | 5240 | 12.33 | 17.00 | 0.0501 |

CH36





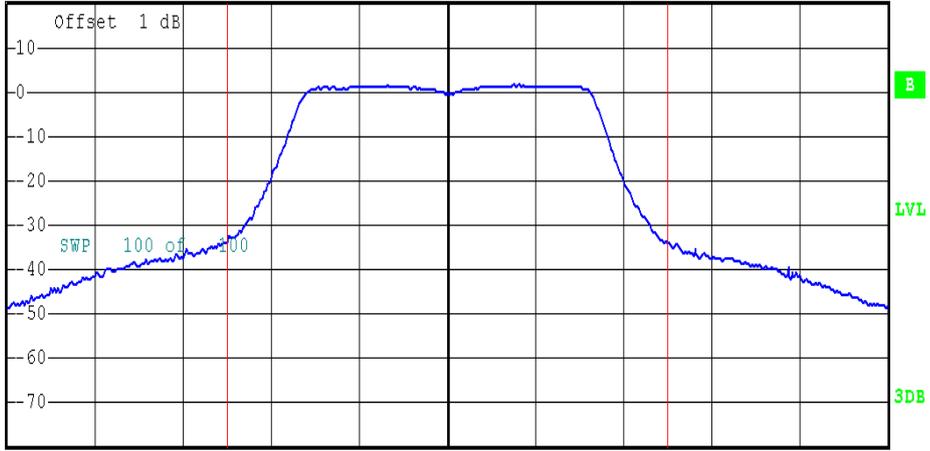
CH40



RBW 1 MHz
*VBW 3 MHz

Ref 20 dBm *Att 30 dB SWT 20 ms

1 RM
MAXH



Center 5.2 GHz 5 MHz/ Span 50 MHz

Tx Channel

Bandwidth 25 MHz Power 12.41 dBm

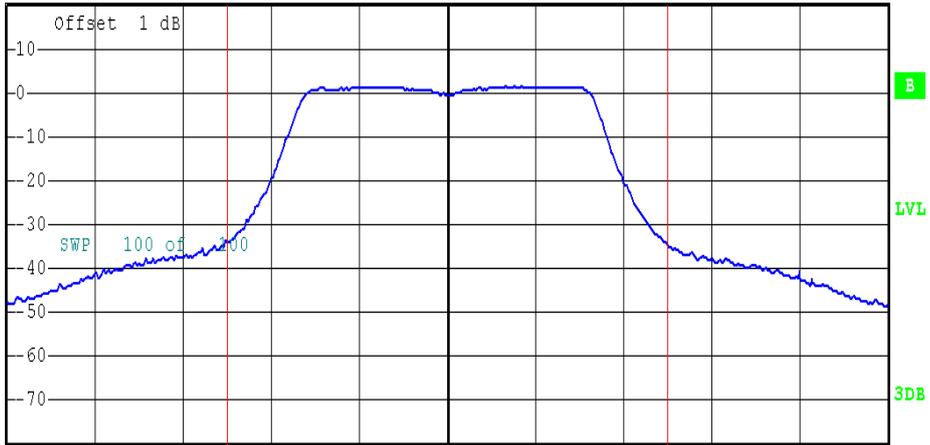
CH48



RBW 1 MHz
*VBW 3 MHz

Ref 20 dBm *Att 30 dB SWT 20 ms

1 RM
MAXH



Center 5.24 GHz 5 MHz/ Span 50 MHz

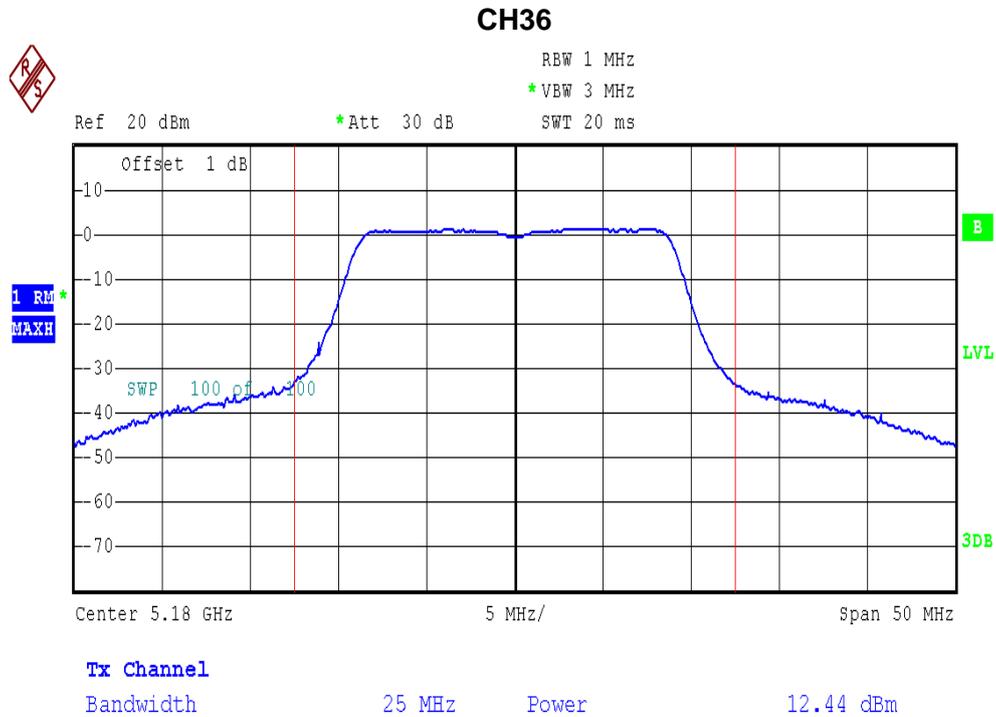
Tx Channel

Bandwidth 25 MHz Power 12.33 dBm



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX N20 Mode/CH36, CH40, CH48 | | |

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH36 | 5180 | 12.44 | 17.00 | 0.0501 |
| CH40 | 5200 | 12.44 | 17.00 | 0.0501 |
| CH48 | 5240 | 12.51 | 17.00 | 0.0501 |





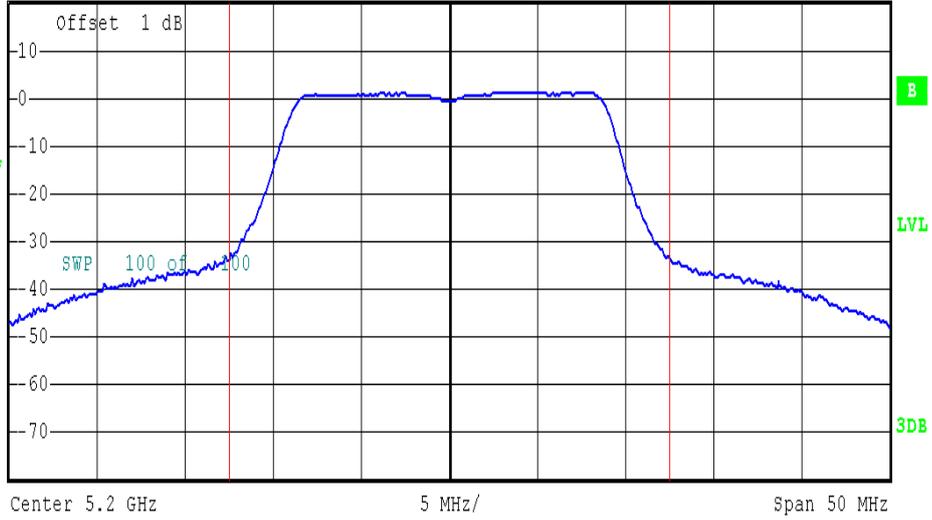
CH40



RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm *Att 30 dB

1 RM*
MAXH



Tx Channel

Bandwidth 25 MHz Power 12.44 dBm

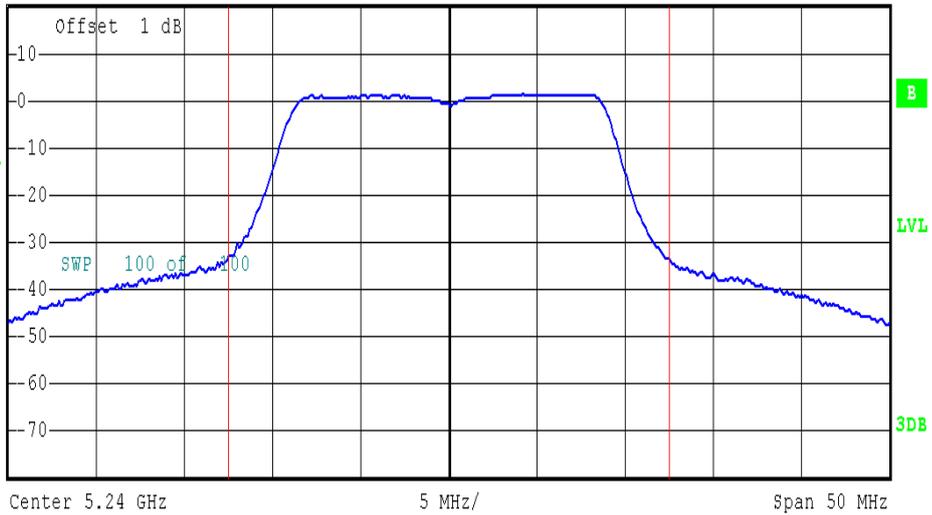
CH48



RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm *Att 30 dB

1 RM*
MAXH



Tx Channel

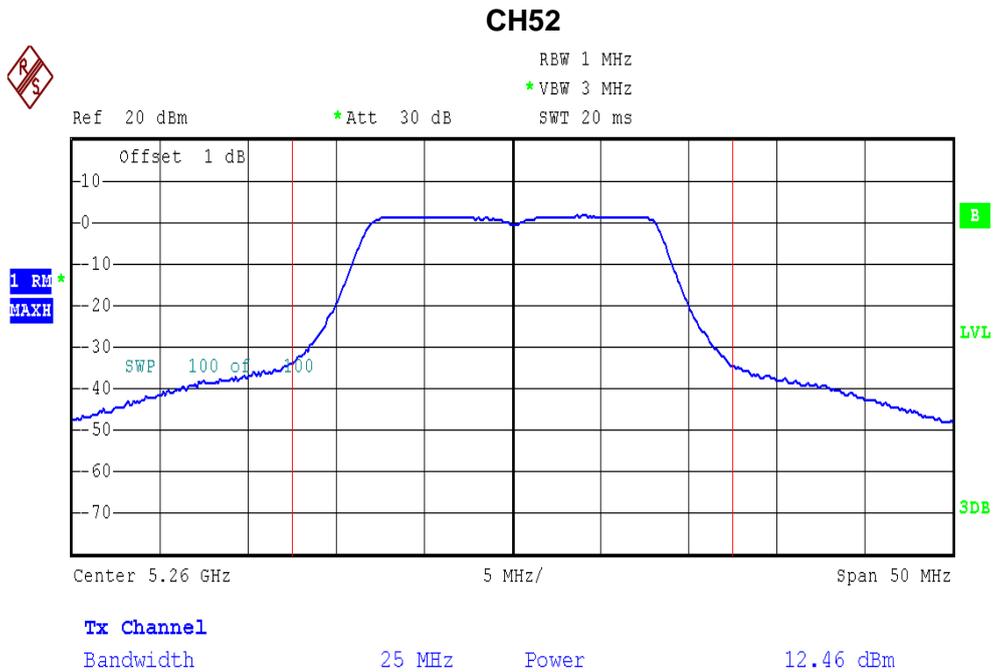
Bandwidth 25 MHz Power 12.51 dBm



| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX A Mode/CH52, CH56, CH64 | | |

Peak Output Power

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH52 | 5260 | 12.46 | 24 | 0.251 |
| CH56 | 5280 | 12.37 | 24 | 0.251 |
| CH64 | 5320 | 12.41 | 24 | 0.251 |





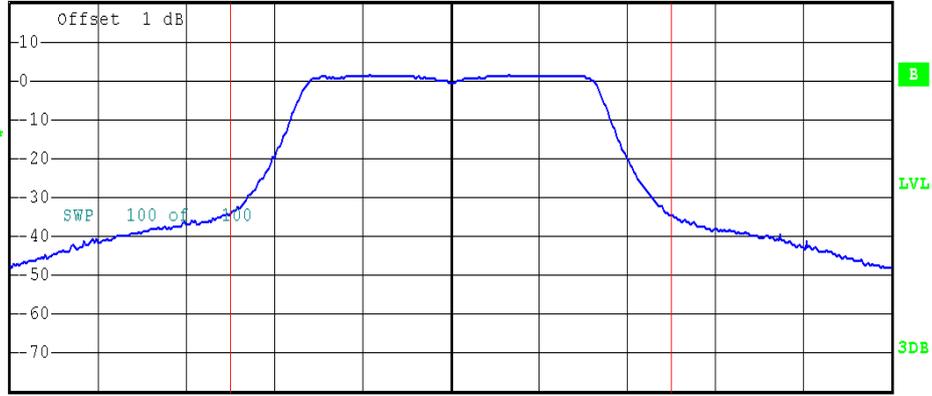
CH56



RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm *Att 30 dB

1 RM*
MAXH



Center 5.28 GHz 5 MHz/ Span 50 MHz

Tx Channel

Bandwidth 25 MHz Power 12.37 dBm

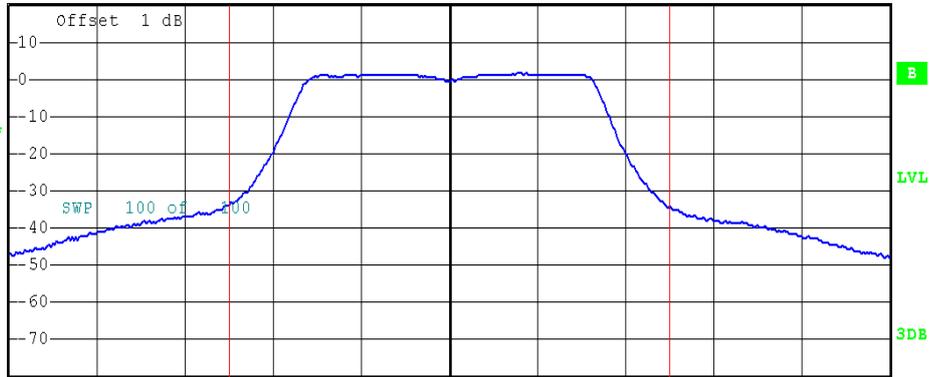
CH64



RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm *Att 30 dB

1 RM*
MAXH



Center 5.32 GHz 5 MHz/ Span 50 MHz

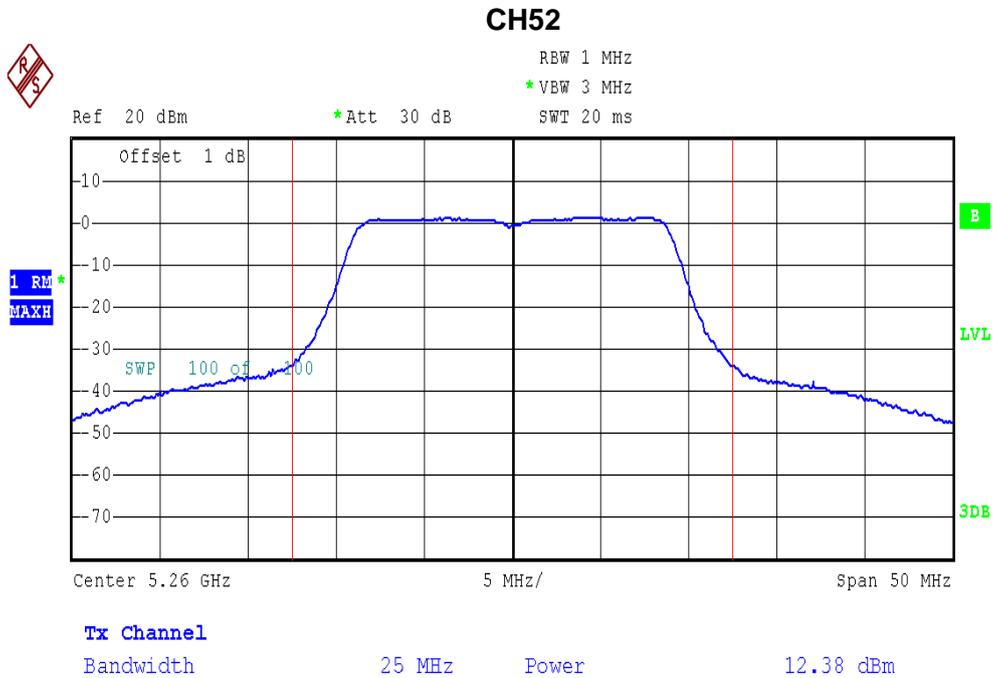
Tx Channel

Bandwidth 25 MHz Power 12.41 dBm



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX N20 Mode/CH52, CH56, CH64 | | |

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH52 | 5260 | 12.38 | 24 | 0.251 |
| CH56 | 5280 | 12.37 | 24 | 0.251 |
| CH64 | 5320 | 12.42 | 24 | 0.251 |





CH56



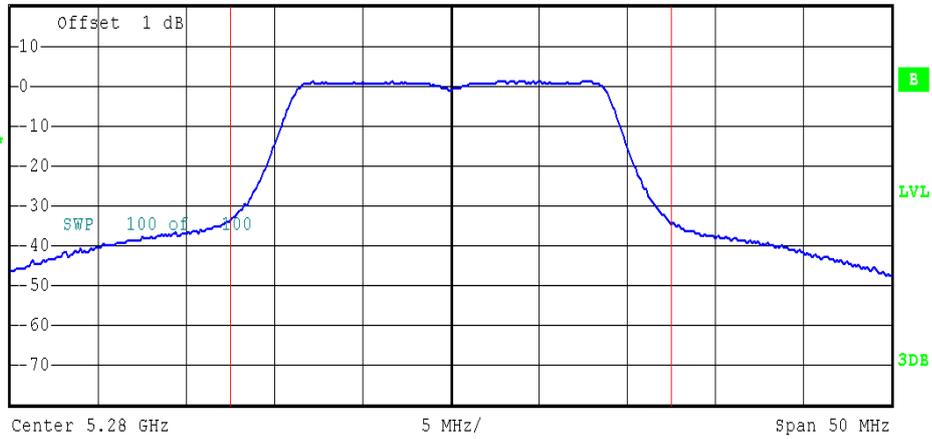
RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

SWT 20 ms

1 RBW
MAXH



Tx Channel

Bandwidth 25 MHz Power 12.37 dBm

CH64



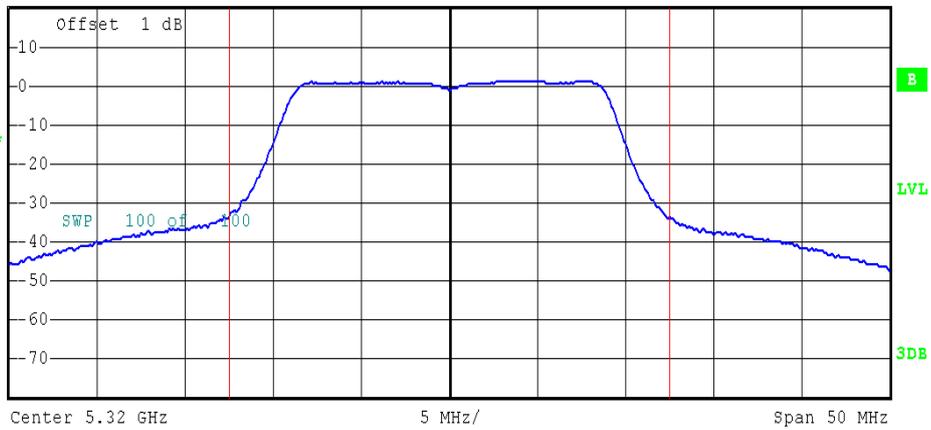
RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

SWT 20 ms

1 RBW
MAXH



Tx Channel

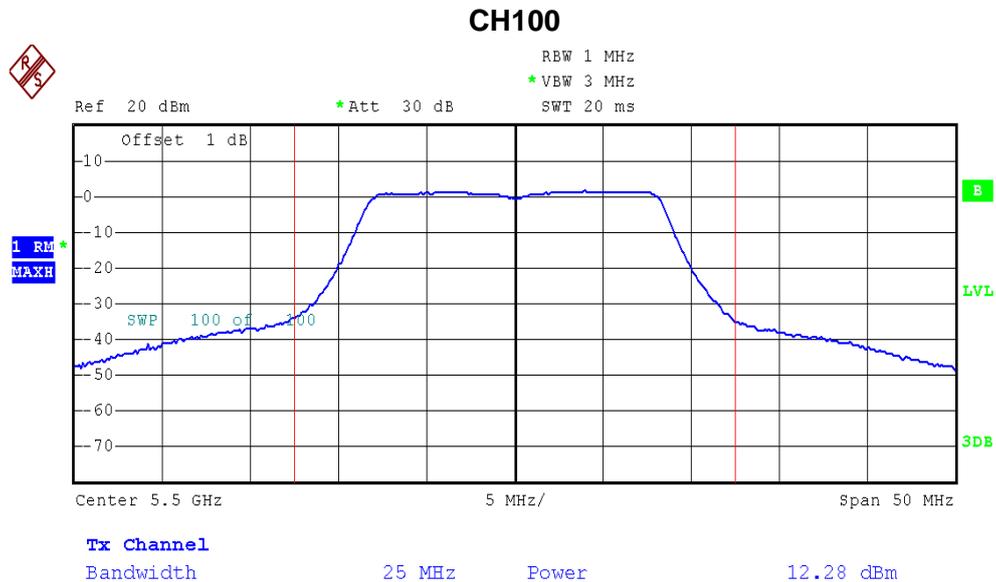
Bandwidth 25 MHz Power 12.42 dBm



| | | | |
|----------------|--------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX A Mode/CH100, CH116, CH140 | | |

Peak Output Power

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH100 | 5500 | 12.28 | 24 | 0.251 |
| CH116 | 5580 | 12.50 | 24 | 0.251 |
| CH140 | 5700 | 12.77 | 24 | 0.251 |





CH116

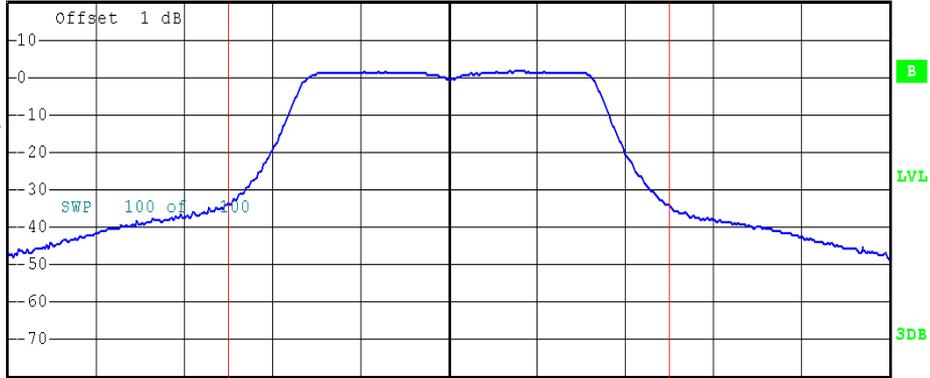


RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

1 RM
MAXH



Center 5.58 GHz 5 MHz/ Span 50 MHz

Tx Channel

Bandwidth 25 MHz Power 12.50 dBm

CH140

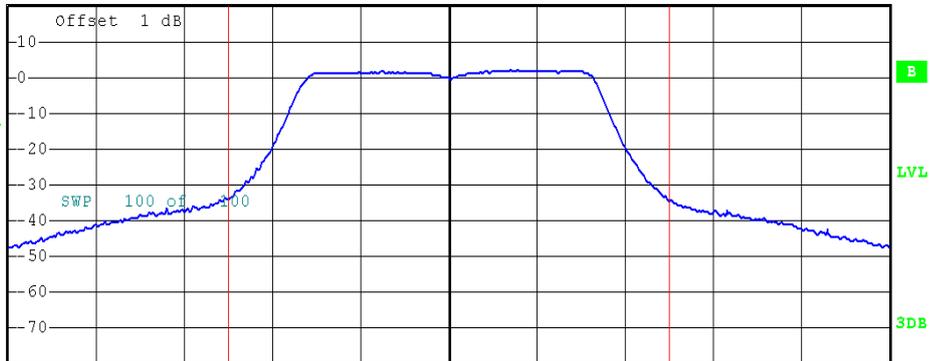


RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

1 RM
MAXH



Center 5.7 GHz 5 MHz/ Span 50 MHz

Tx Channel

Bandwidth 25 MHz Power 12.77 dBm

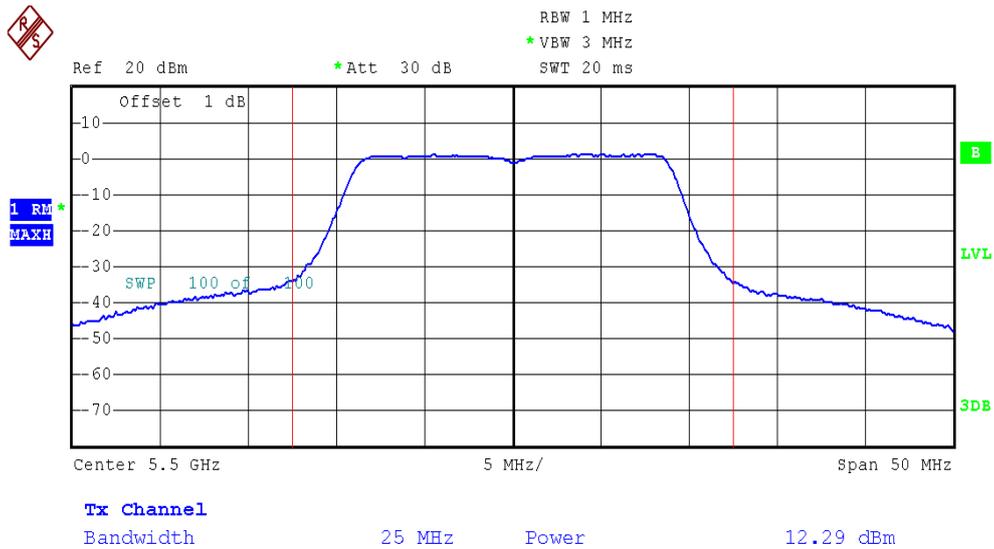


| | | | |
|----------------|--|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX N20 Mode/CH100, CH116, CH140 | | |

Peak Output Power

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|-----------------|-------------------------|-------------|-----------|
| CH100 | 5500 | 12.29 | 24 | 0.251 |
| CH116 | 5580 | 12.70 | 24 | 0.251 |
| CH140 | 5700 | 12.74 | 24 | 0.251 |

CH100





CH116

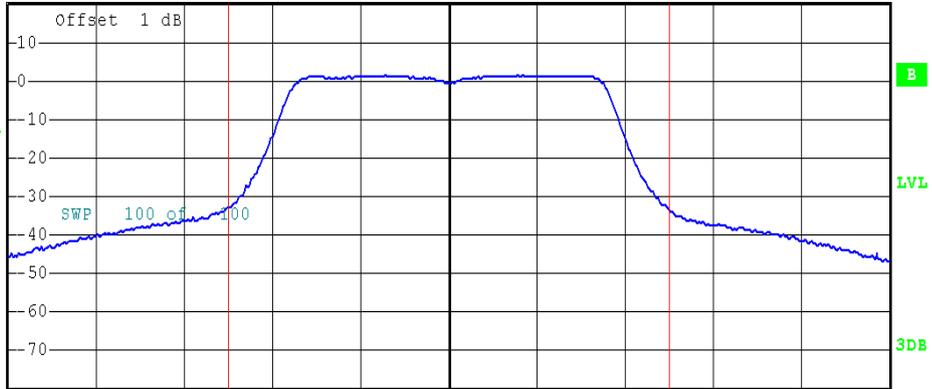


RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

1 RM*
MAXH



Center 5.58 GHz

5 MHz/

Span 50 MHz

Tx Channel

Bandwidth

25 MHz

Power

12.70 dBm

CH140

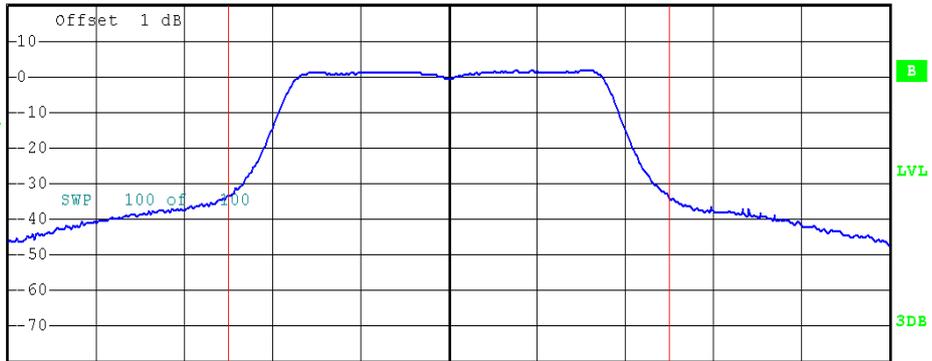


RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Ref 20 dBm

*Att 30 dB

1 RM*
MAXH



Center 5.7 GHz

5 MHz/

Span 50 MHz

Tx Channel

Bandwidth

25 MHz

Power

12.74 dBm



7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E | | | |
|-------------------------------------|--------------|-----------------------|--------|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Antenna conducted Spurious Emission | -27 dBm/1MHz | 5150 - 5250 | PASS |

7.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|------------|------------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov.26.2012 | Nov.26.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of Equipment List is One Year.

7.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

| Spectrum Parameter | Setting |
|--------------------|----------|
| Attenuation | Auto |
| RB | 1000 kHz |
| VB | 1000 kHz |
| Trace | Max Hold |
| Sweep Time | Auto |

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



7.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



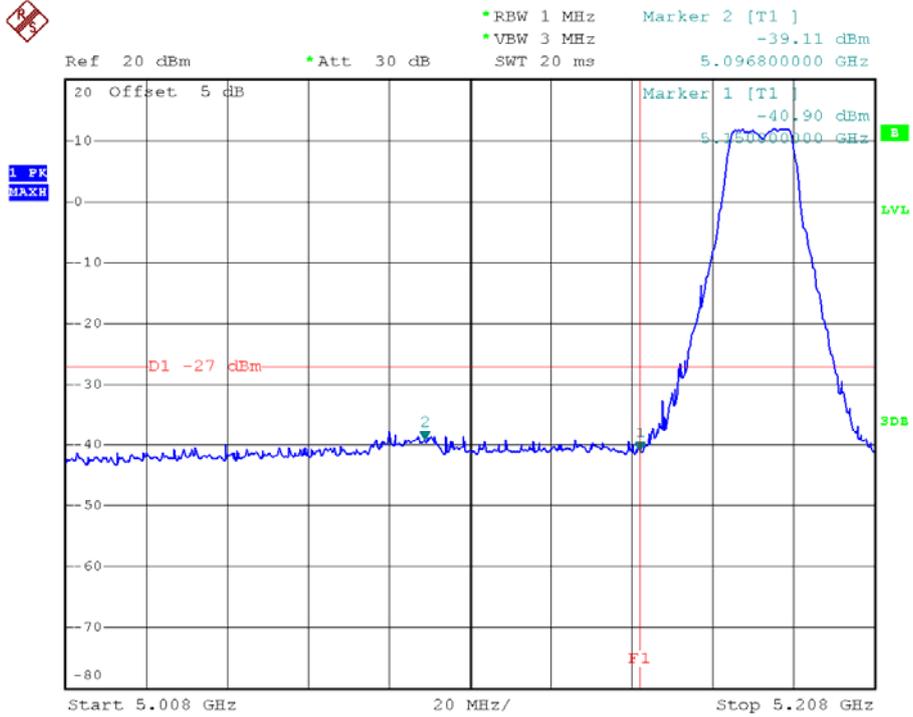
7.1.6 TEST RESULTS

| | | | |
|----------------|------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX A Mode/ CH36, CH40, CH48 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH36 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5096.80 | -39.11 | 5363.60 | -39.32 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

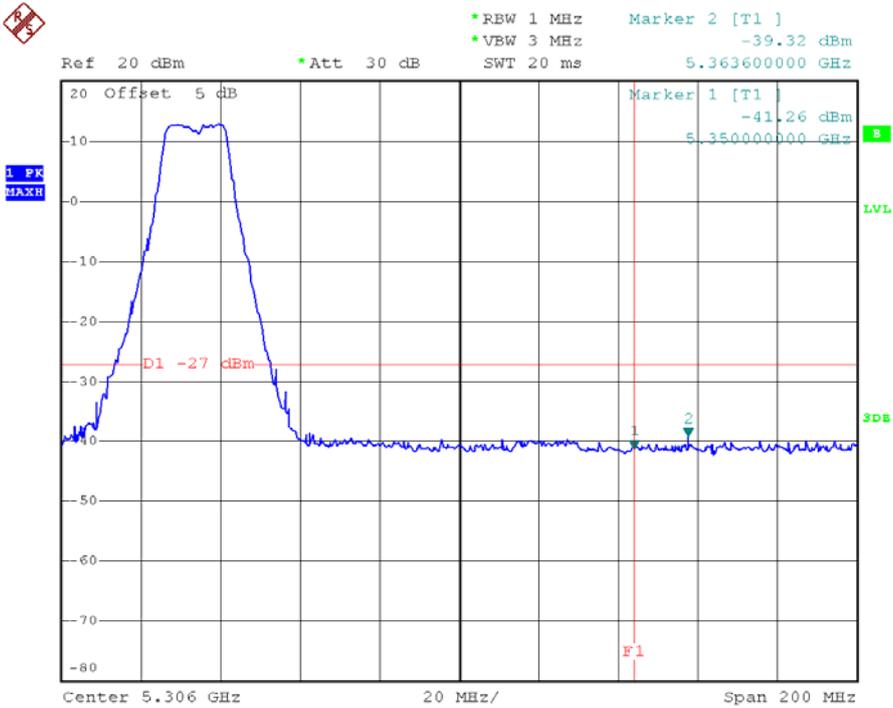


TX mode CH36



Date: 27.NOV.2012 21:03:05

TX mode CH48



Date: 27.NOV.2012 21:19:14

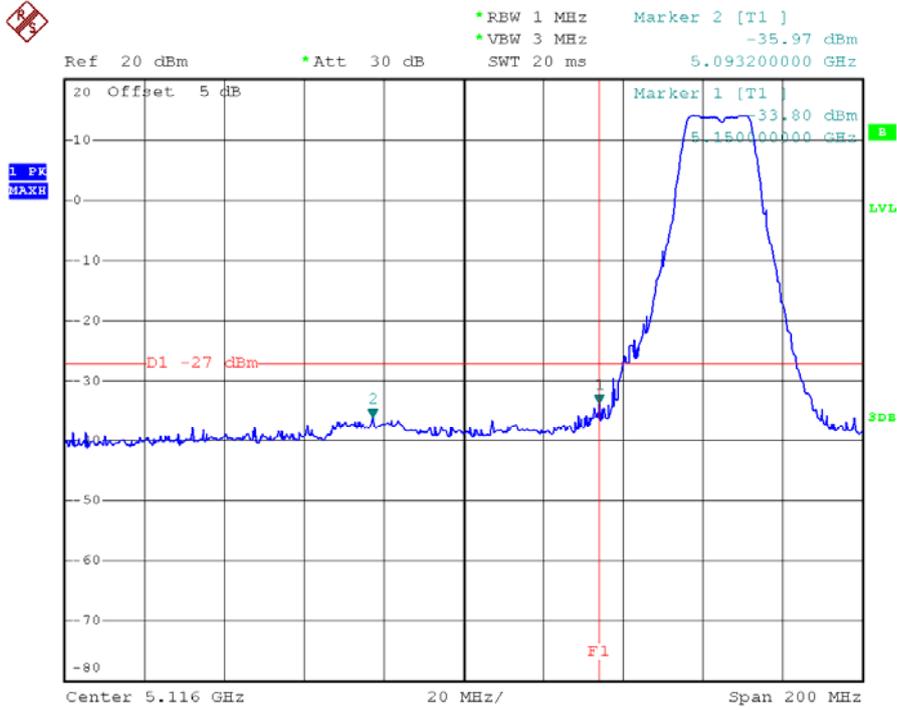


| | | | |
|----------------|--------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX N20 Mode/ H36, CH40 , CH48 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH36 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5150.00 | -33.80 | 5360.20 | -39.58 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

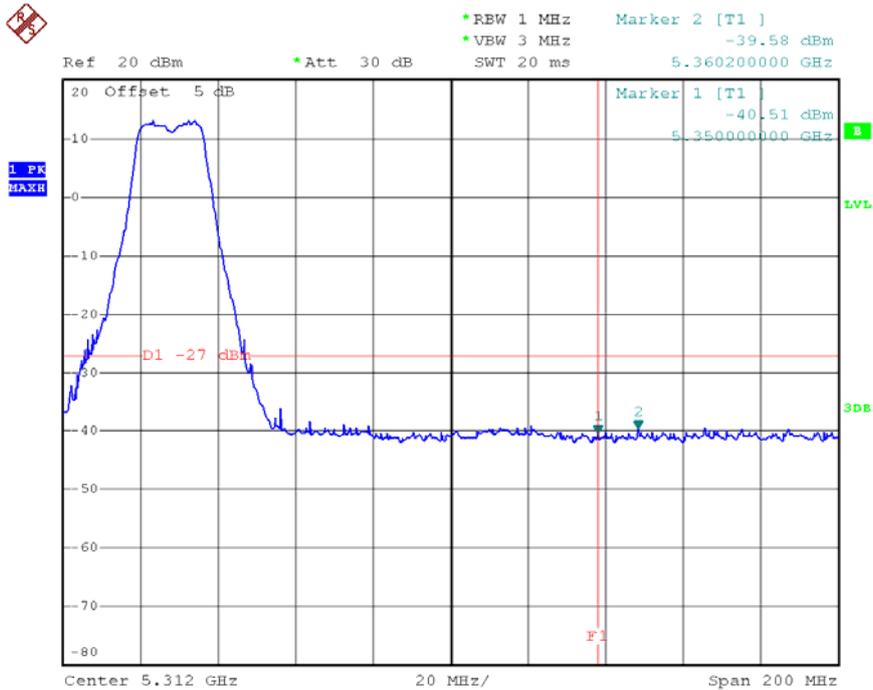


TX mode CH36



Date: 27.NOV.2012 21:48:45

TX mode CH48



Date: 27.NOV.2012 21:46:59

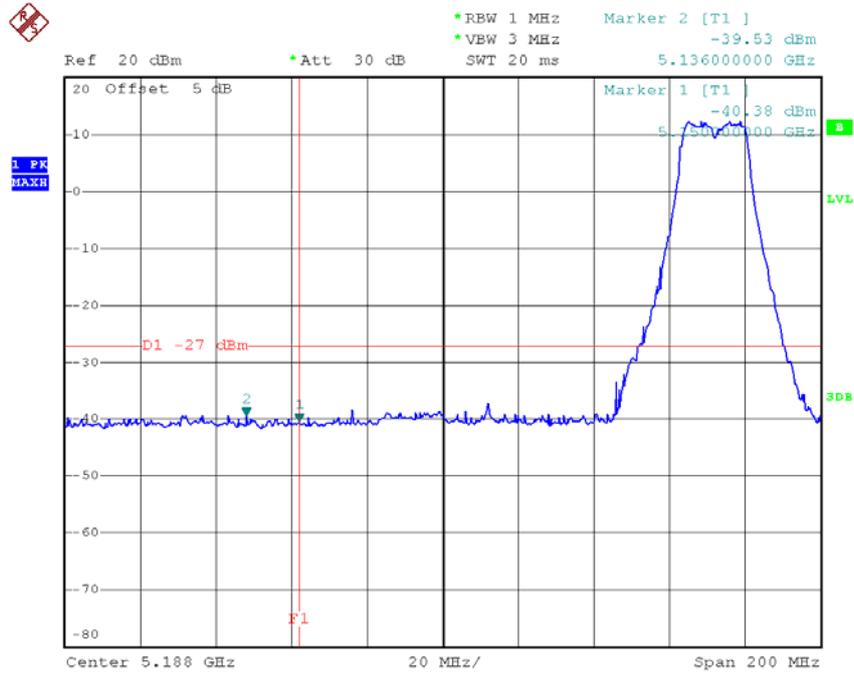


| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX A Mode/ CH52, CH56 , CH60 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH52 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5136.00 | -39.53 | 5394.40 | -39.11 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

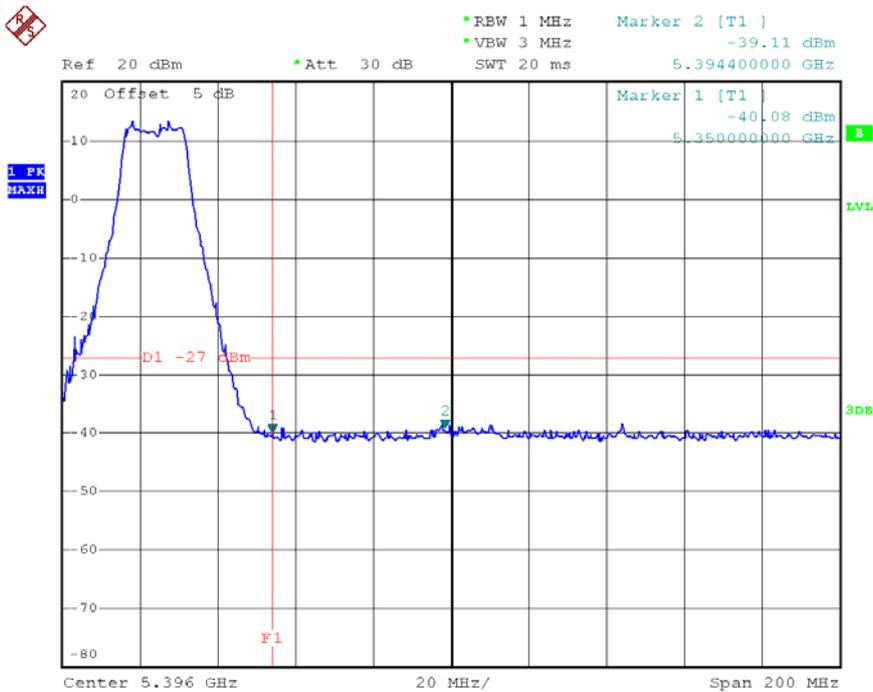


TX mode CH52



Date: 27.NOV.2012 23:22:04

TX mode CH64



Date: 27.NOV.2012 23:18:39

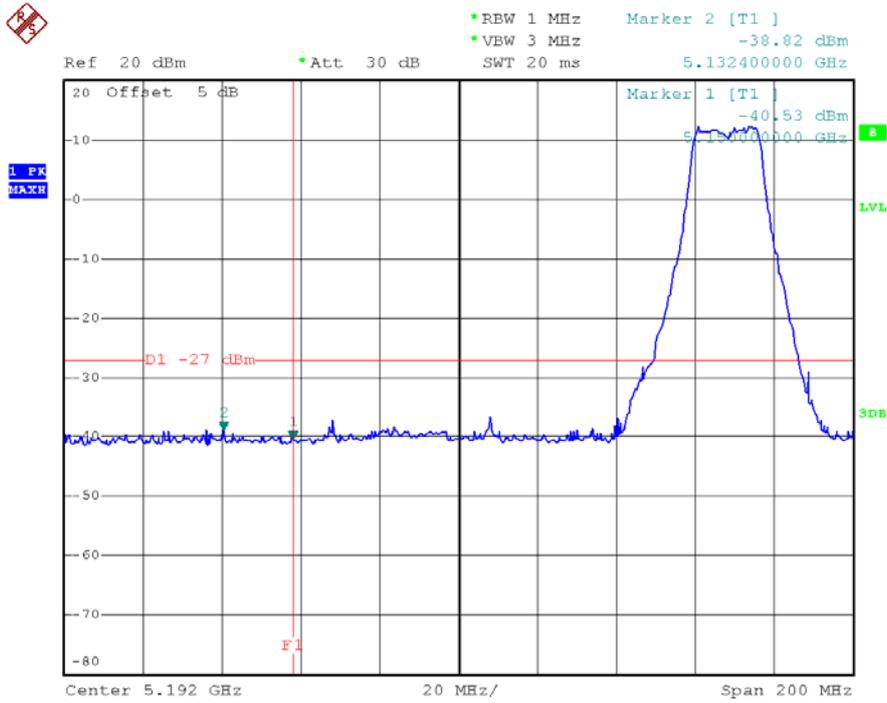


| | | | |
|----------------|---------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX N20 Mode/ CH52, CH56 , CH64 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH52 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5132.40 | -38.82 | 5350.00 | -40.22 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

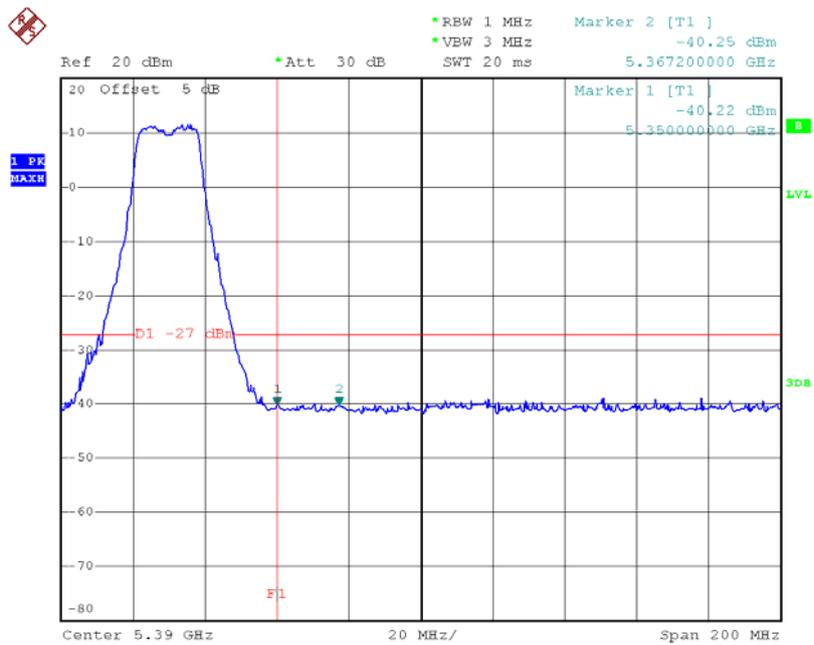


TX mode CH52



Date: 27.NOV.2012 23:01:29

TX mode CH64



Date: 27.NOV.2012 22:54:36

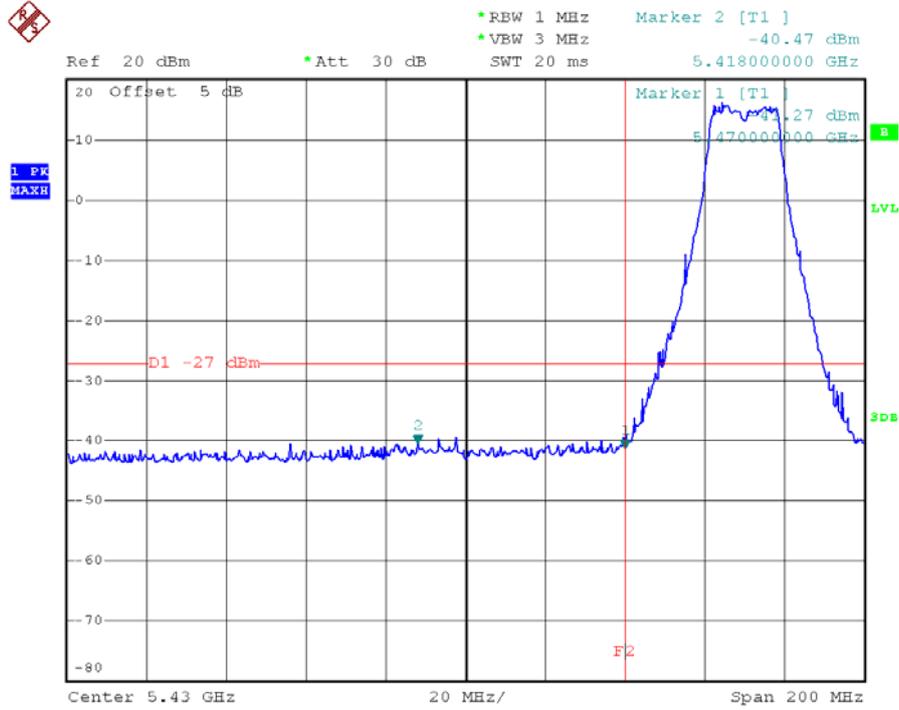


| | | | |
|----------------|--|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 ° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX A Mode/ CH100, CH116 , CH140 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH100 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5418.00 | -40.47 | 5725.00 | -35.05 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

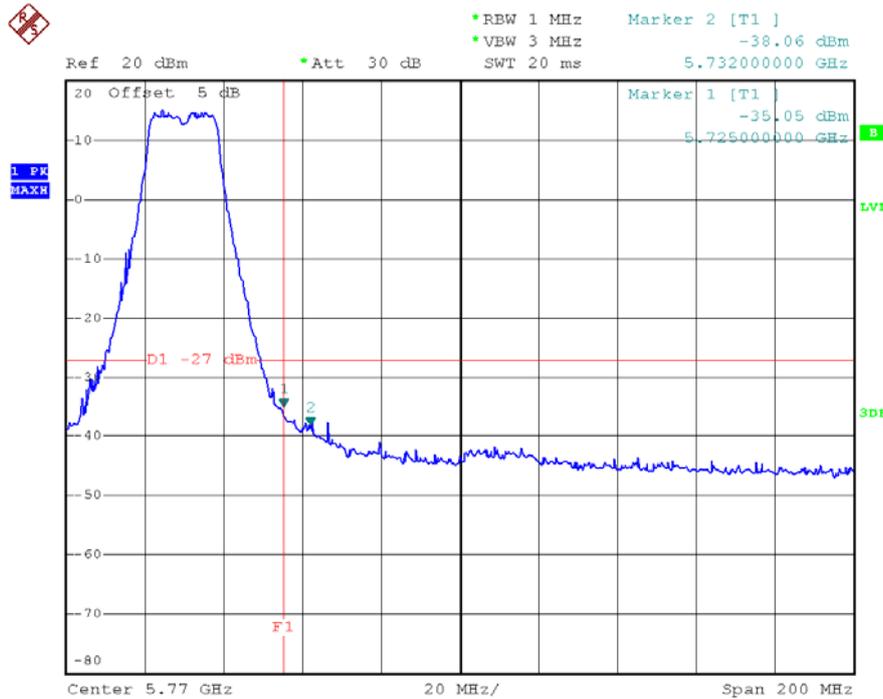


TX mode CH100



Date: 27.NOV.2012 01:42:38

TX mode CH140



Date: 27.NOV.2012 01:45:13

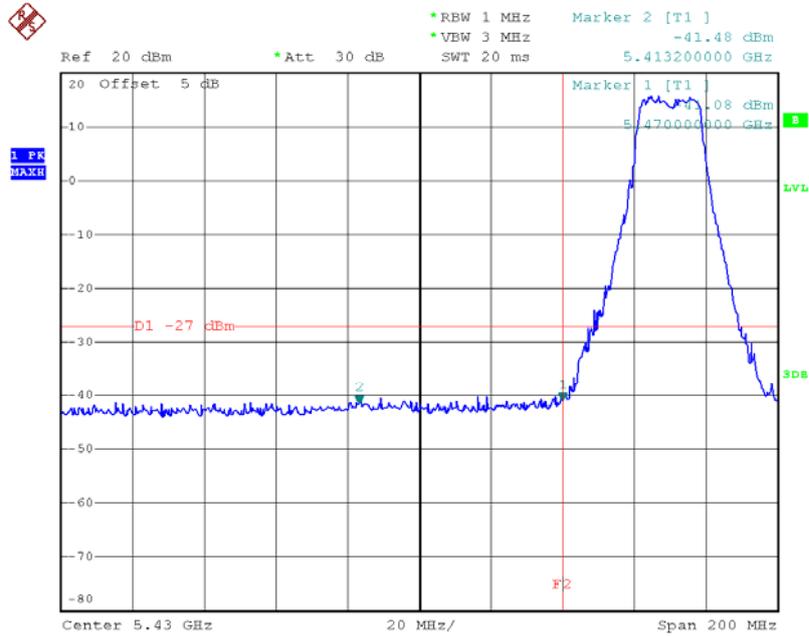


| | | | |
|----------------|--|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25° C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX N20 Mode/ CH100, CH116 , CH140 | | |

| | | | |
|--|------------|--|------------|
| Channel of Worst Data: CH100 | | | |
| The max. radio frequency power in any 1000kHz bandwidth outside the frequency band | | The max. radio frequency power in any 1000kHz bandwidth within the frequency band. | |
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) |
| 5470.00 | -41.08 | 5725.00 | -35.64 |
| Limit: -27 dBm/1MHz | | Result:PASS | |
| Measurement method: S.A Read value+Ant gain+cable loss | | | |

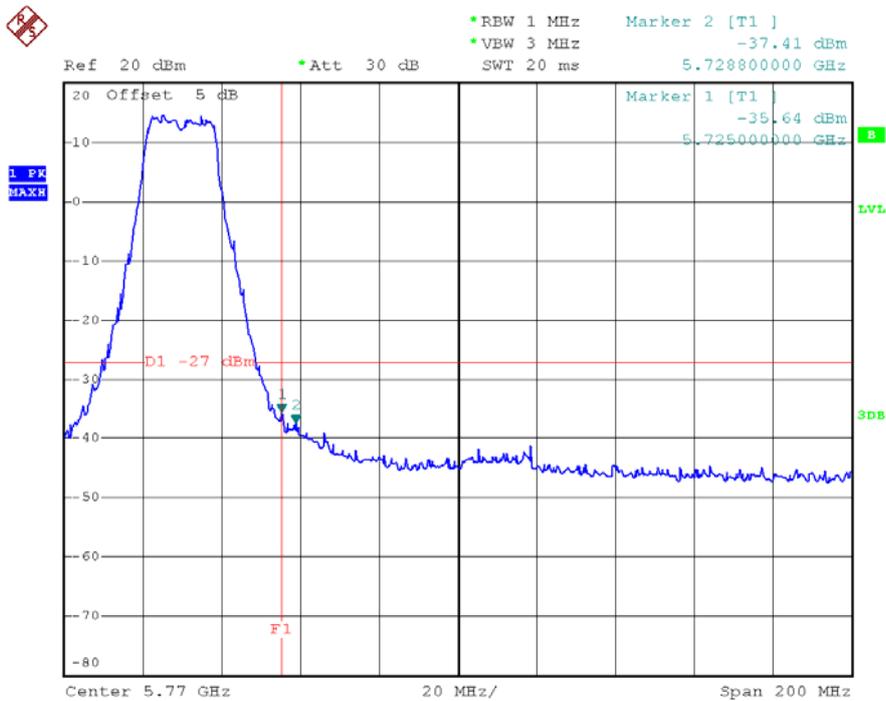


TX mode CH100



Date: 27.NOV.2012 01:42:30

TX mode CH140



Date: 27.NOV.2012 01:45:21



8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E | | | |
|------------------------|--------|-----------------------|--------|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Power Spectral Density | 4 dBm | 5150 - 5250 | PASS |
| | 11 dBm | 5250 - 5350 | PASS |
| | 11 dBm | 5470 - 5725 | PASS |

8.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|------------|------------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov.26.2012 | Nov.26.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.

8.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

| Spectrum Parameter | Setting |
|--------------------|--|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RB | = 1 MHz. |
| VB | ≥ 3 MHz. |
| Detector | RMS |
| Trace | Max Hold |
| Sweep Time | Auto |

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP



8.1.5 EUT OPERATION CONDITIONS

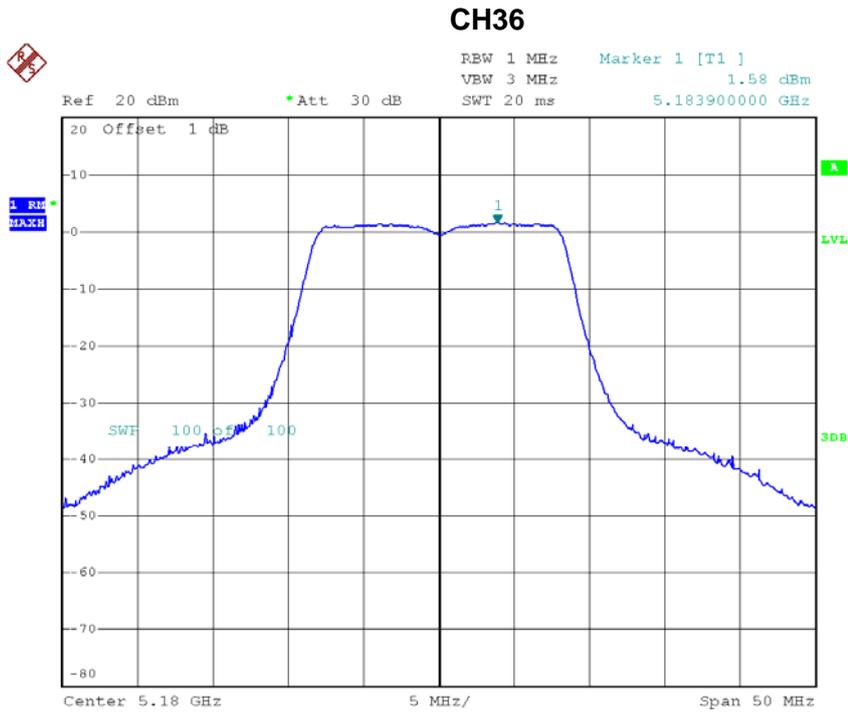
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



8.1.6 TEST RESULTS

| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX A Mode/CH36, CH40, CH48 | | |

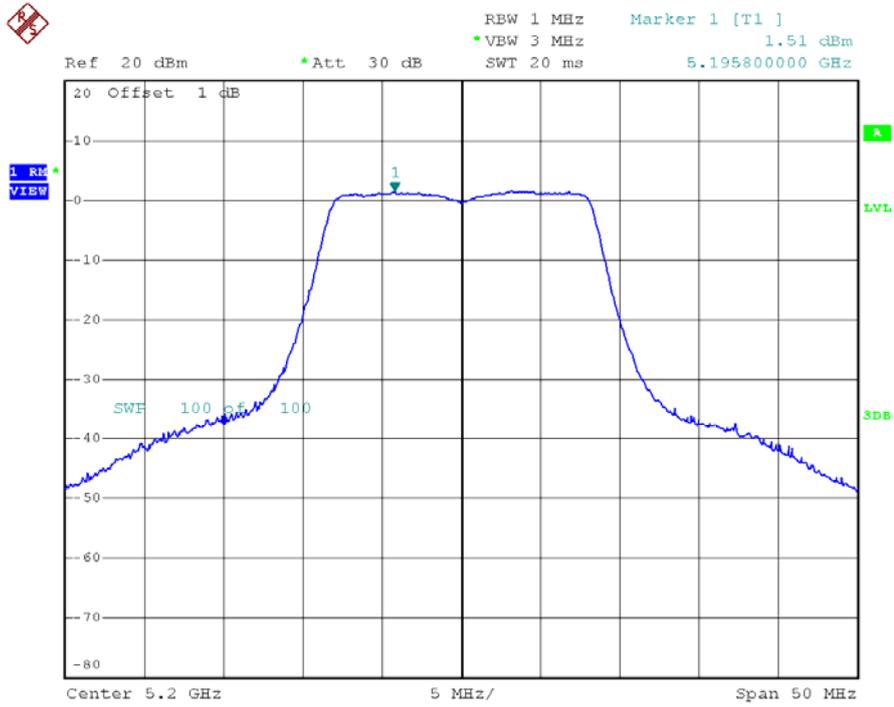
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH36 | 5180 | 1.58 | 4.00 |
| CH40 | 5210 | 1.51 | 4.00 |
| CH48 | 5240 | 1.75 | 4.00 |



Date: 27.NOV.2012 21:51:32

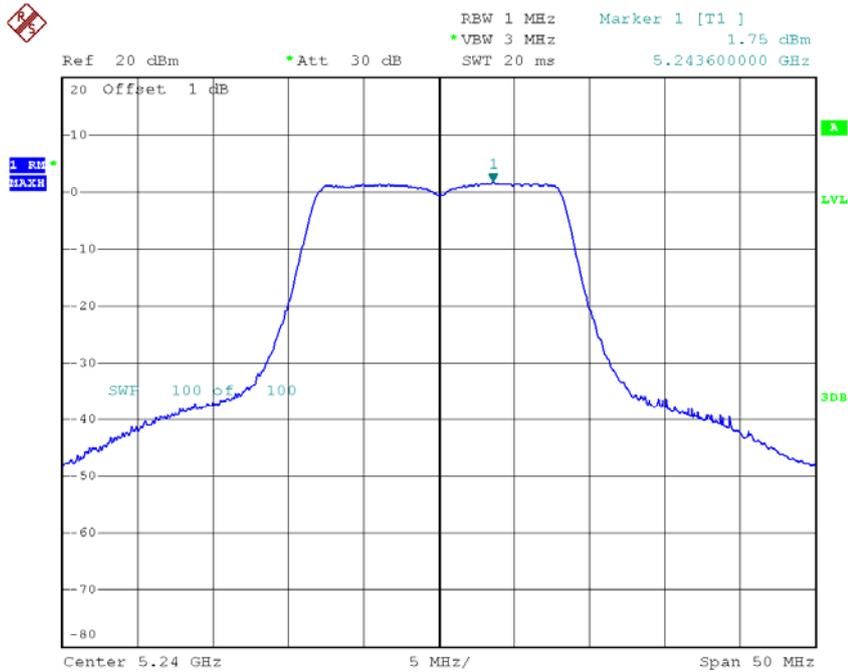


CH40



Date: 27.NOV.2012 21:54:43

CH48

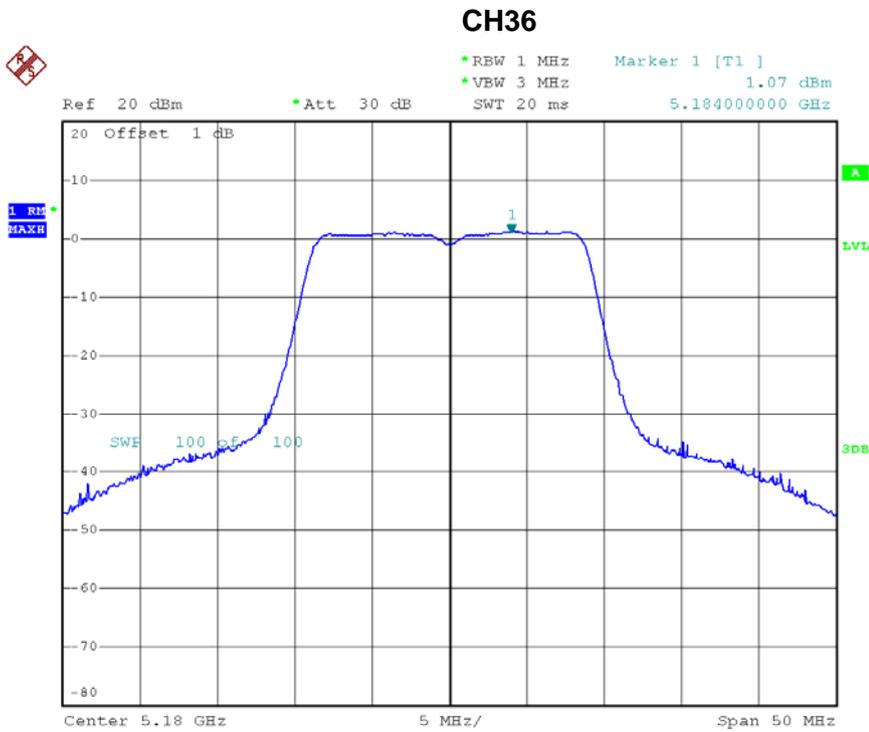


Date: 27.NOV.2012 21:56:06



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX N20 Mode/CH36, CH40, CH48 | | |

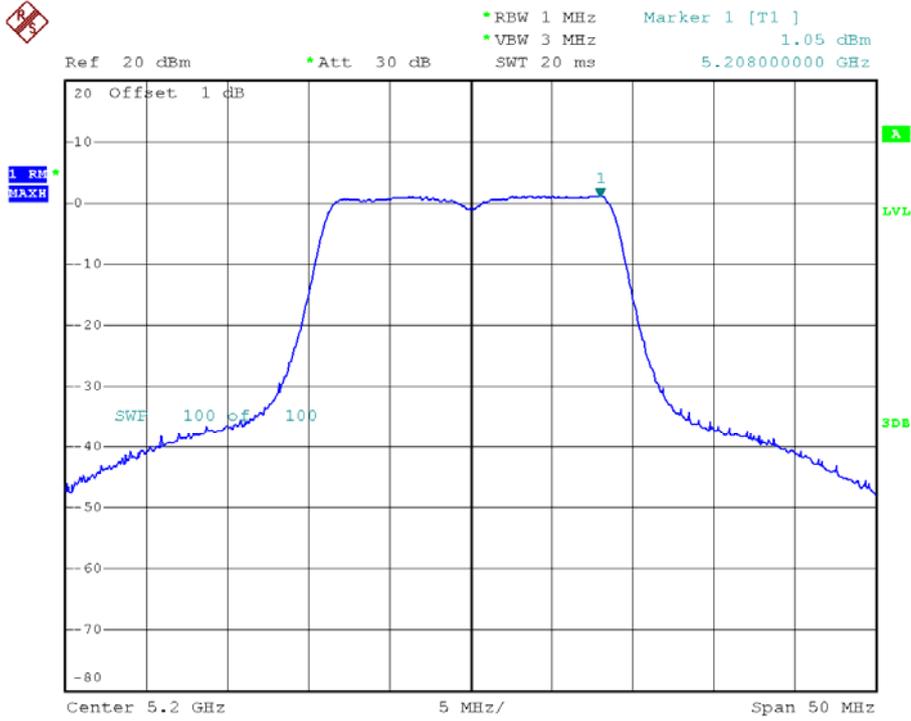
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH36 | 5180 | 1.07 | 4.00 |
| CH40 | 5210 | 1.05 | 4.00 |
| CH48 | 5240 | 1.31 | 4.00 |



Date: 27.NOV.2012 22:45:44

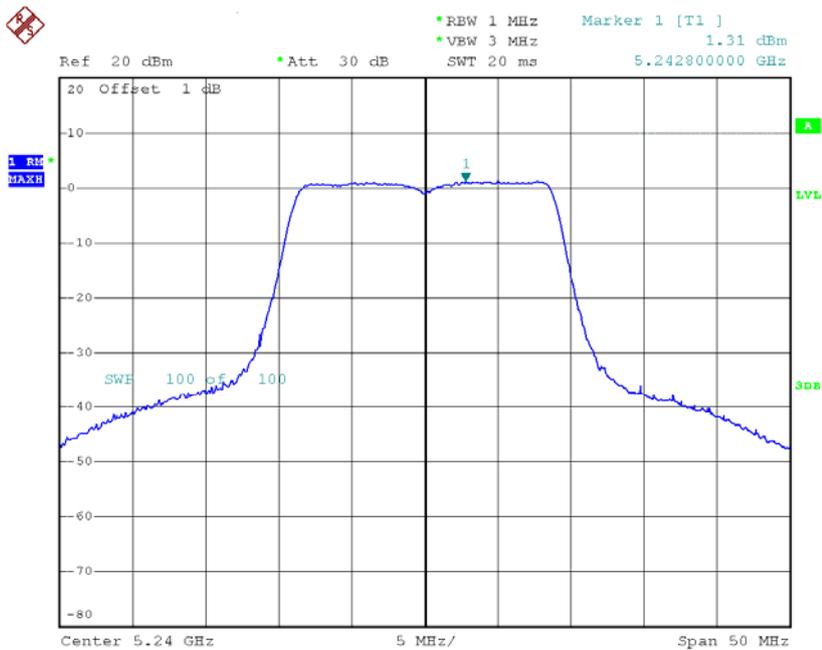


CH40



Date: 27.NOV.2012 22:41:34

CH48

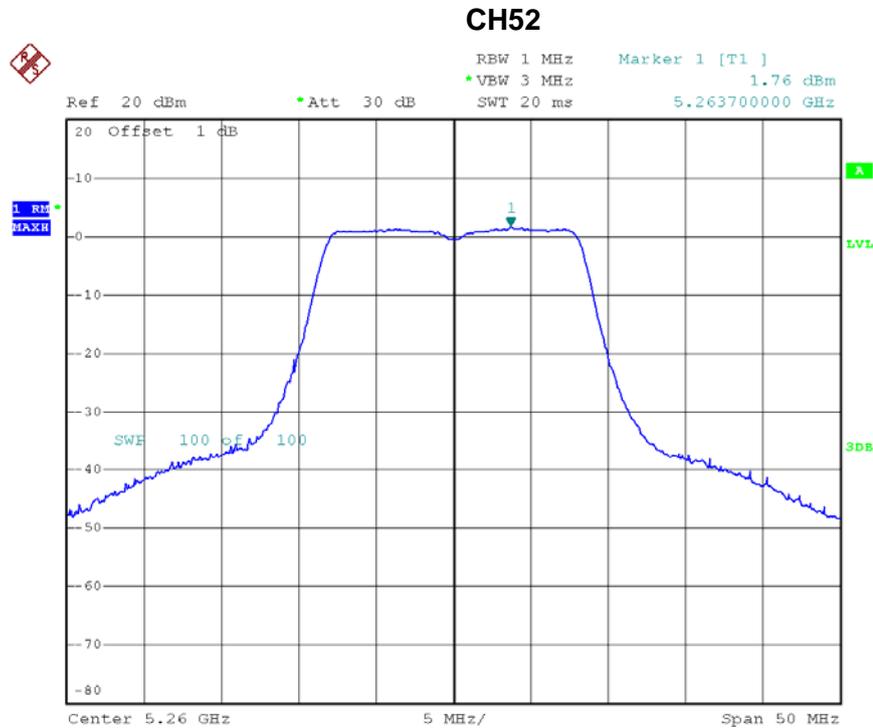


Date: 27.NOV.2012 22:38:52



| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX A Mode/CH52, CH56, CH64 | | |

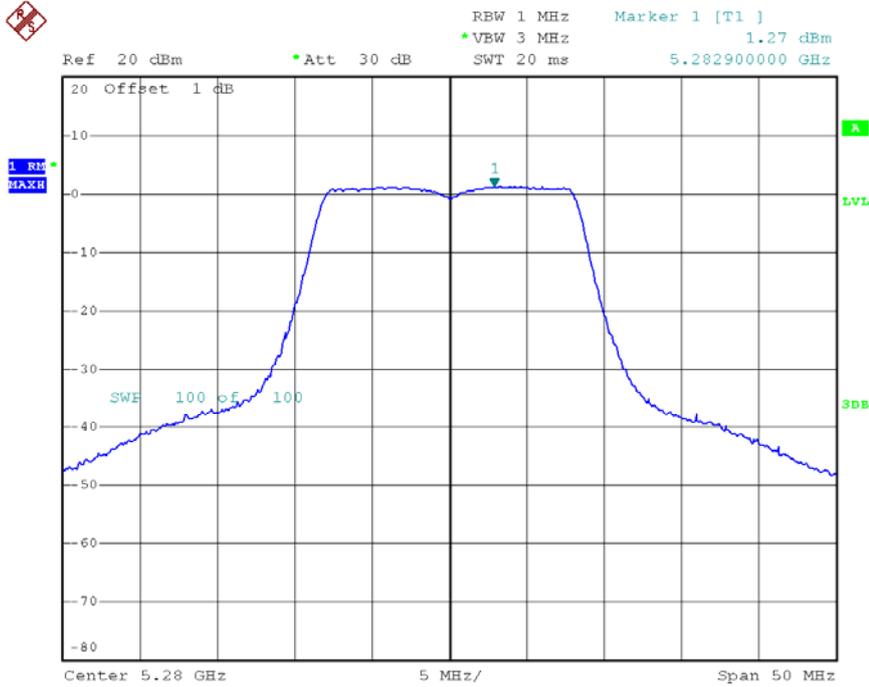
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH52 | 5260 | 1.76 | 11 |
| CH56 | 5280 | 1.27 | 11 |
| CH64 | 5320 | 1.19 | 11 |



Date: 27.NOV.2012 21:57:41

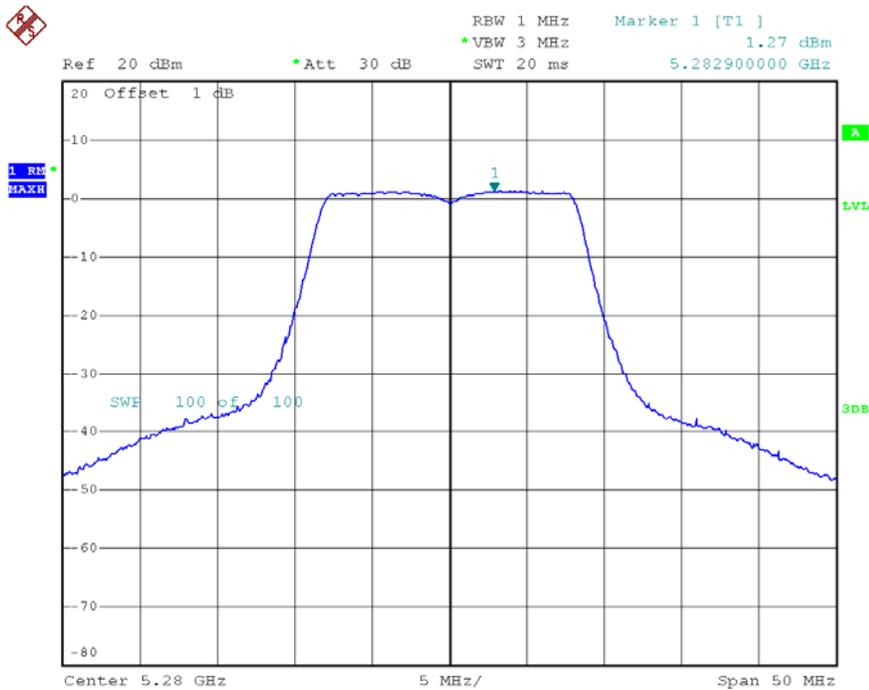


CH56



Date: 27.NOV.2012 21:59:31

CH64

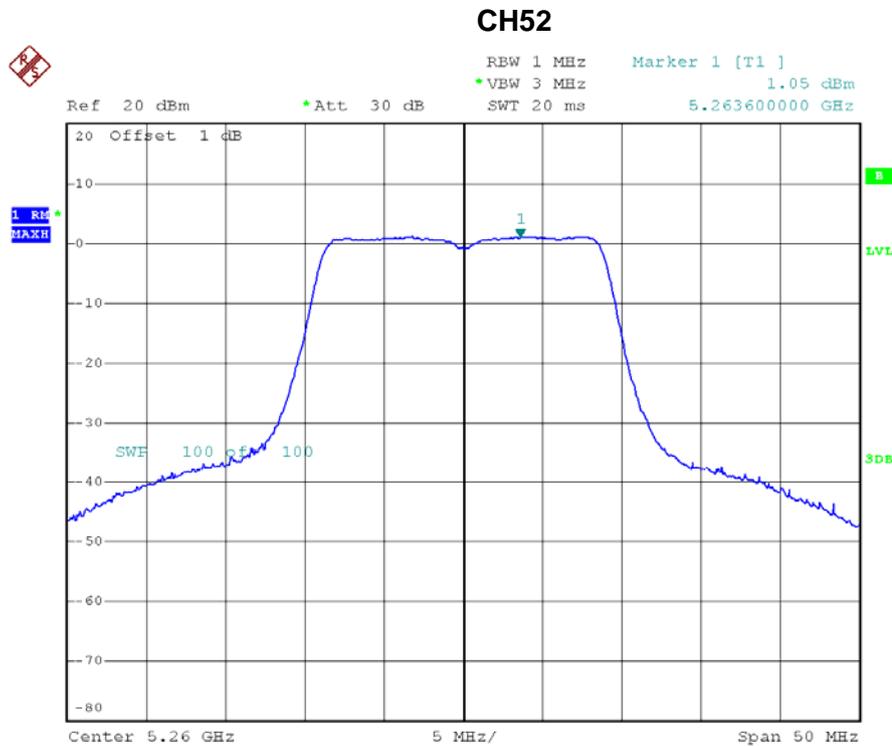


Date: 27.NOV.2012 21:59:31



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX N20 Mode/CH52, CH56, CH64 | | |

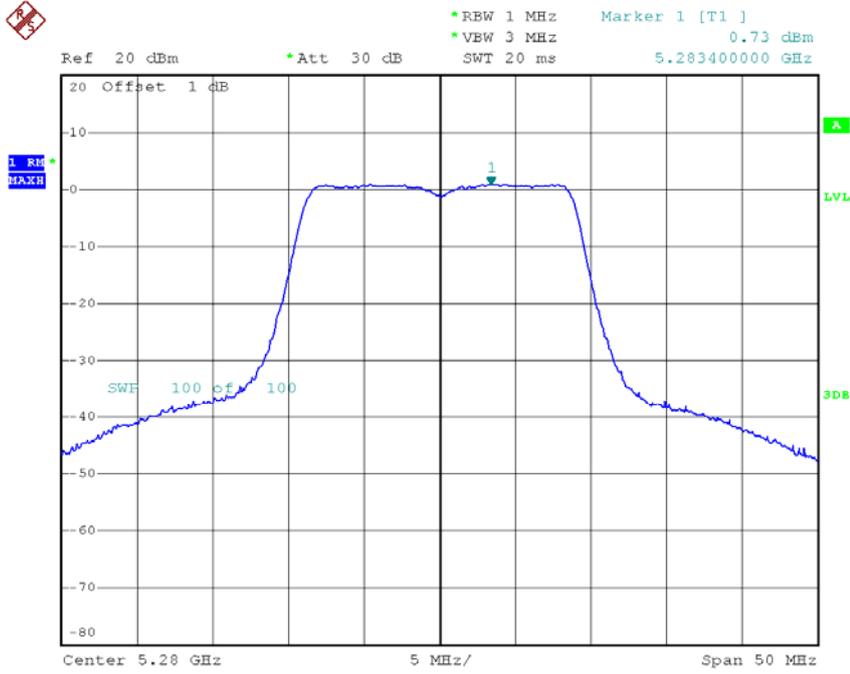
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH52 | 5260 | 1.05 | 11 |
| CH56 | 5280 | 0.73 | 11 |
| CH64 | 5320 | 1.34 | 11 |



Date: 27.NOV.2012 22:36:00

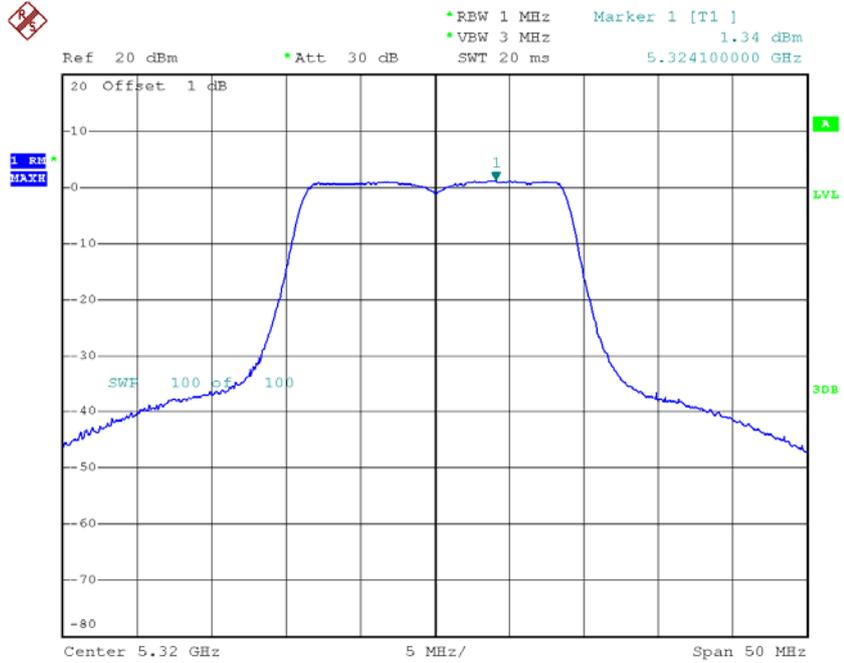


CH56



Date: 27.NOV.2012 22:34:18

CH64

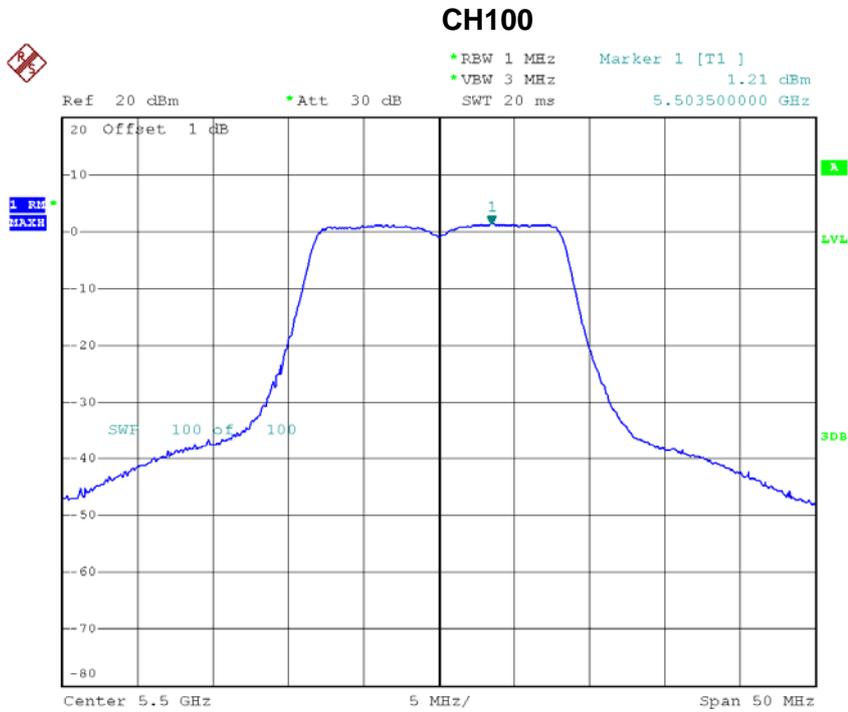


Date: 27.NOV.2012 22:27:49



| | | | |
|----------------|--------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX A Mode/CH100, CH116, CH140 | | |

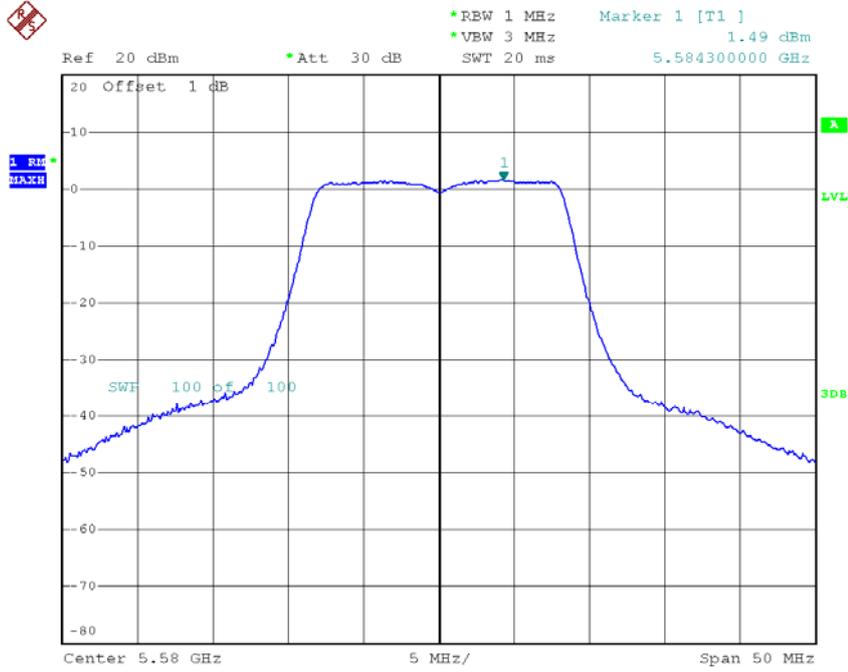
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH100 | 5500 | 1.21 | 11 |
| CH116 | 5580 | 1.49 | 11 |
| CH140 | 5700 | 1.66 | 11 |



Date: 27.NOV.2012 22:08:35

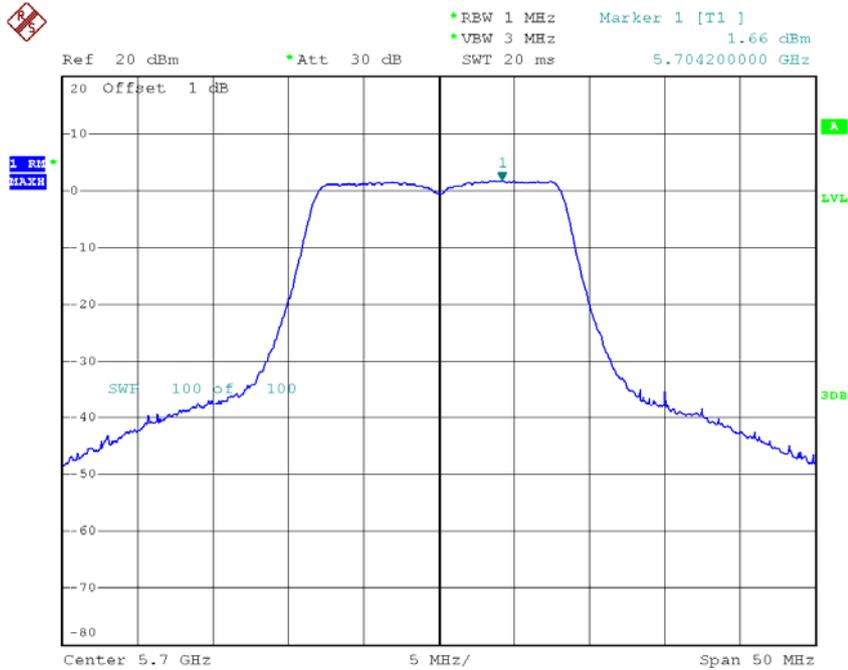


CH116



Date: 27.NOV.2012 22:11:35

CH140

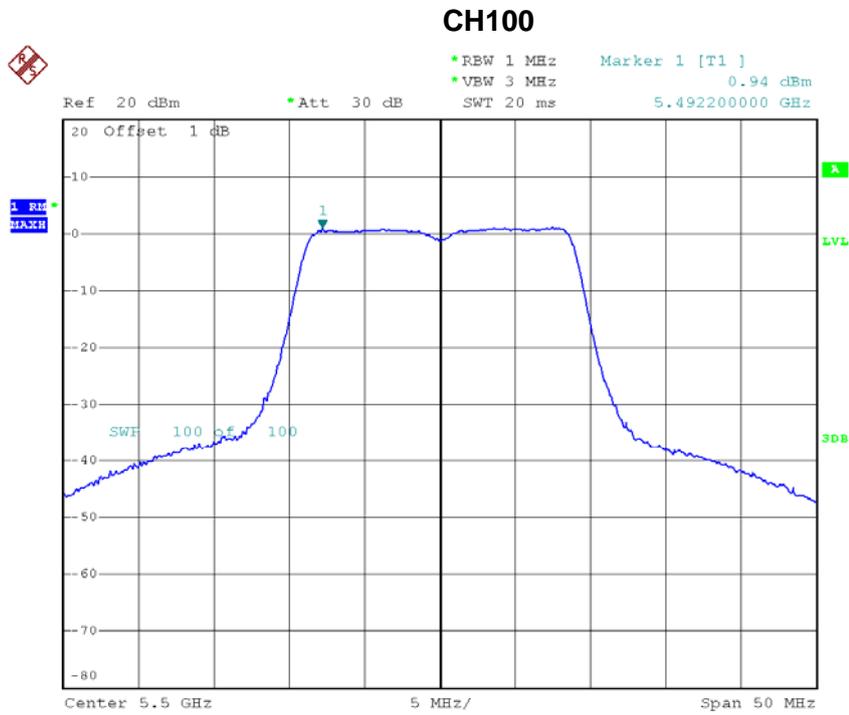


Date: 27.NOV.2012 22:17:40



| | | | |
|----------------|--|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX N20 Mode/CH100, CH116, CH140 | | |

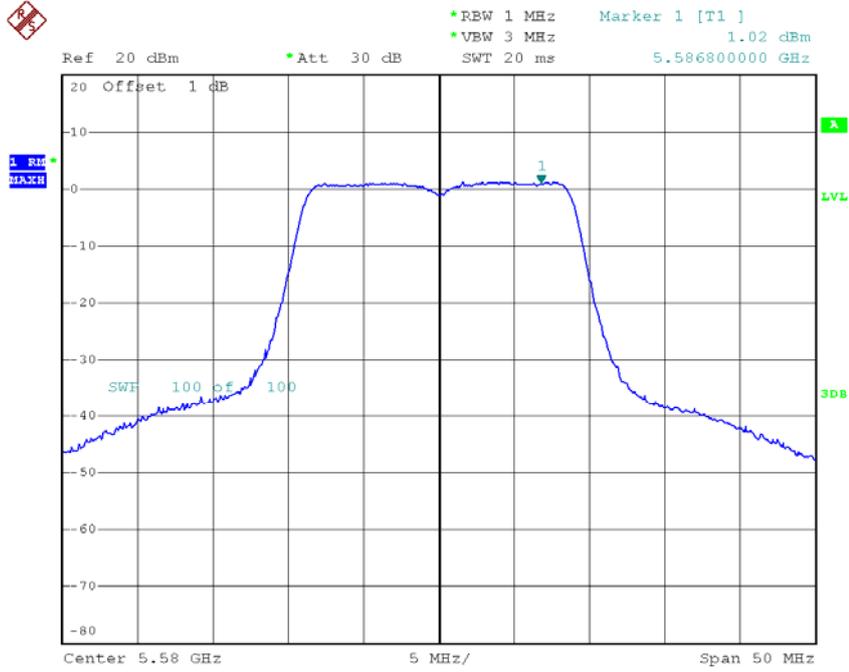
| Test Channel | Frequency (MHz) | Power Density (dBm) | LIMIT (dBm) |
|--------------|-----------------|---------------------|-------------|
| CH100 | 5500 | 0.94 | 11 |
| CH116 | 5580 | 1.02 | 11 |
| CH140 | 5700 | 1.46 | 11 |



Date: 27.NOV.2012 22:25:29

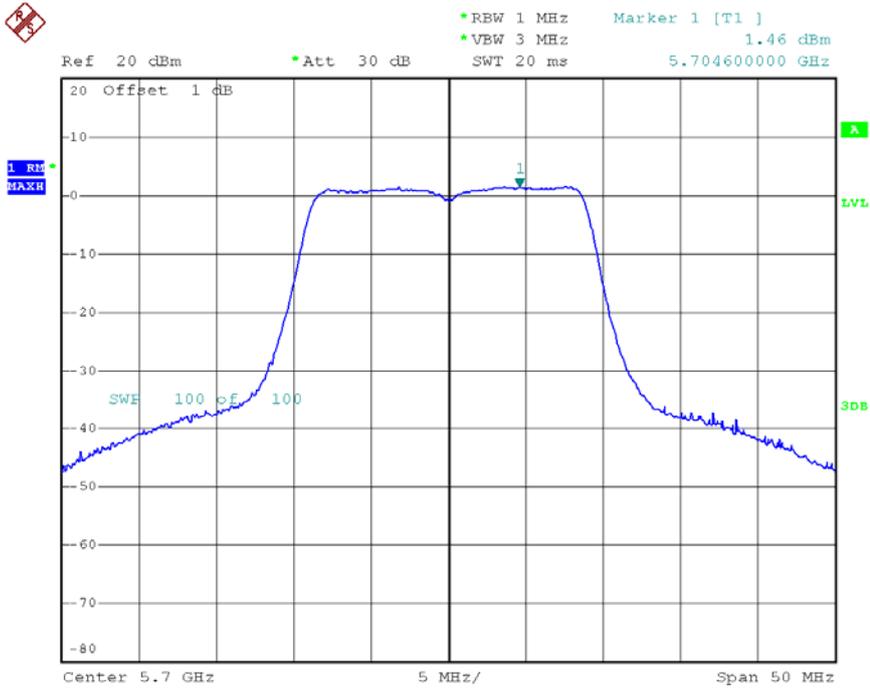


CH116



Date: 27.NOV.2012 22:23:49

CH140



Date: 27.NOV.2012 22:20:47



9. PEAK EXCURSION MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E | | | |
|----------------------------|-------|-----------------------|--------|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Peak Excursion Measurement | 13 dB | 5150 - 5250 | PASS |
| | | 5250 - 5350 | PASS |
| | | 5470 - 5725 | PASS |

9.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibration | Next Calibration |
|------|-------------------|--------------|----------|------------|------------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov.26.2012 | Nov.26.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of Equipment List is One Year.

9.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

| Spectrum Parameter | Setting |
|--------------------|--|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RB | 1000 kHz (Peak Trace) / 1000 kHz (Average Trace) |
| VB | 3000 kHz (Peak Trace) / 3000 kHz (Average Trace) |
| Detector | Peak (Peak Trace) / RMS (Average Trace) |
| Trace | Max Hold |
| Sweep Time | 60s |

c. Peak Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.

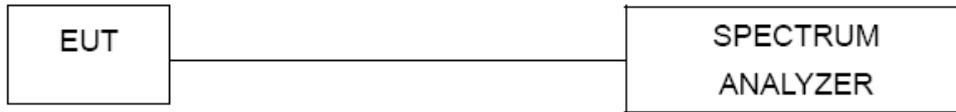
d. Average Trace: set RBW = 1 MHz, VBW = 3 MHz with RMS detector and trace average across 100 traces in power averaging mode.

9.1.3 DEVIATION FROM STANDARD

No deviation.



9.1.4 TEST SETUP



9.1.5 EUT OPERATION CONDITIONS

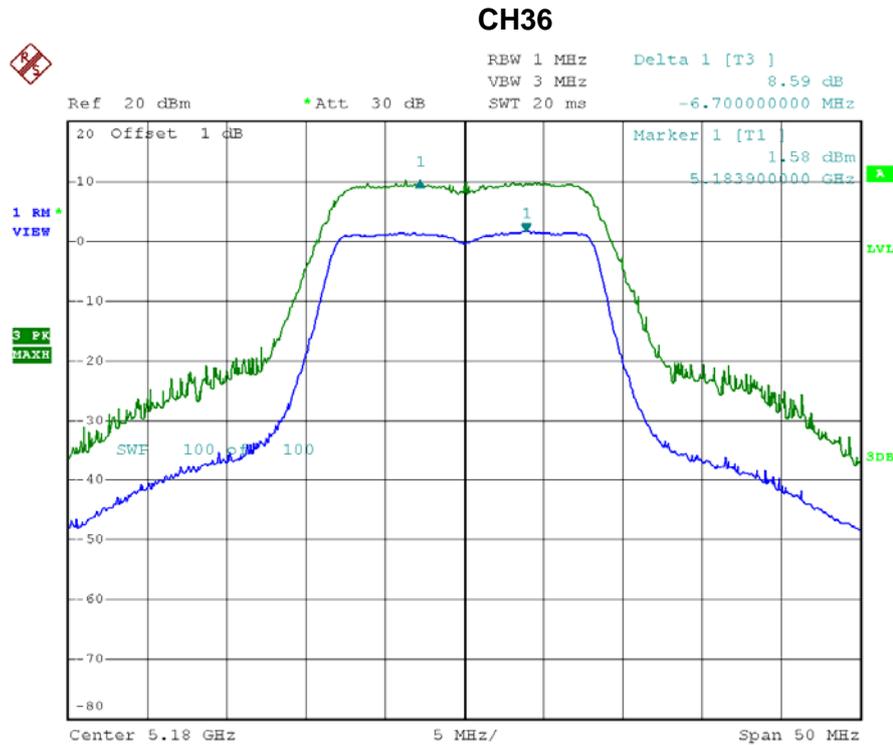
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



9.1.6 TEST RESULTS

| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX A Mode/CH36, CH40, CH48 | | |

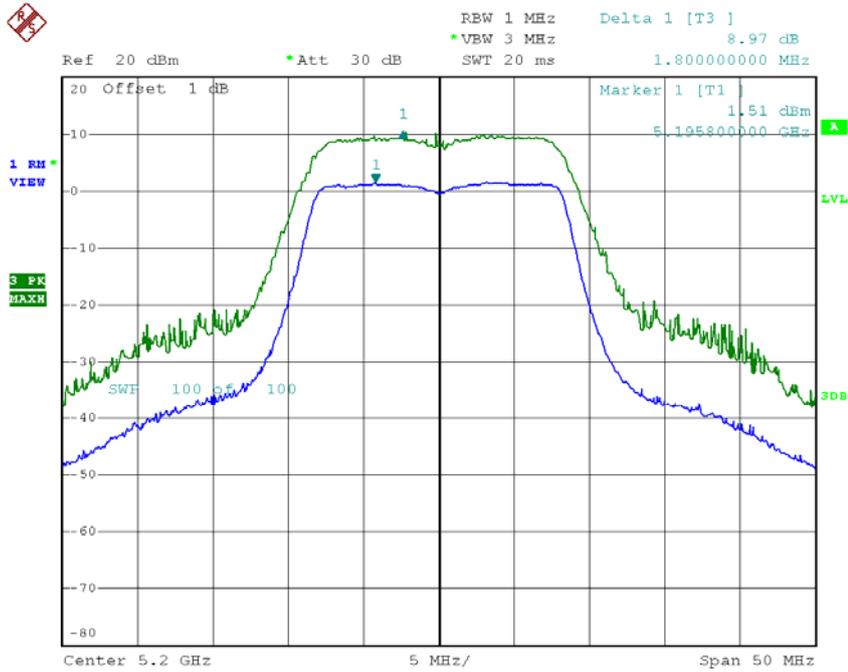
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH36 | 5180 | 8.59 | 13 |
| CH40 | 5210 | 8.97 | 13 |
| CH48 | 5240 | 8.05 | 13 |



Date: 27.NOV.2012 21:52:11

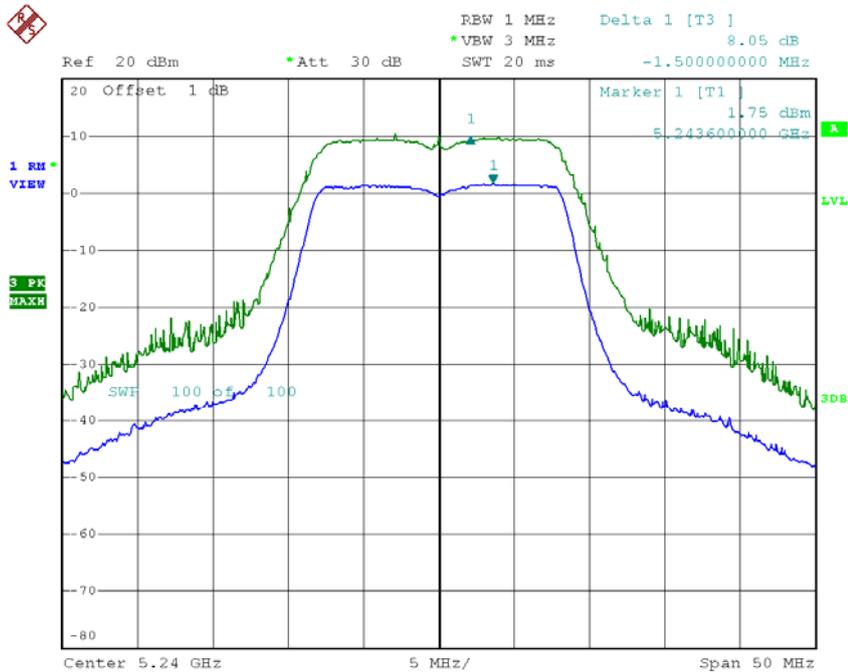


CH40



Date: 27.NOV.2012 21:54:59

CH48

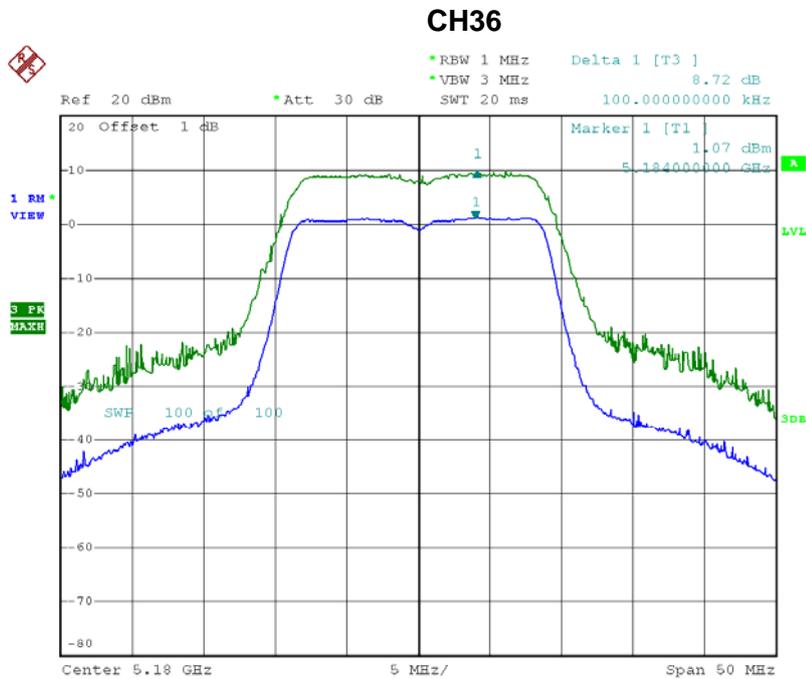


Date: 27.NOV.2012 21:56:42



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1/TX N20 Mode/CH36, CH40, CH48 | | |

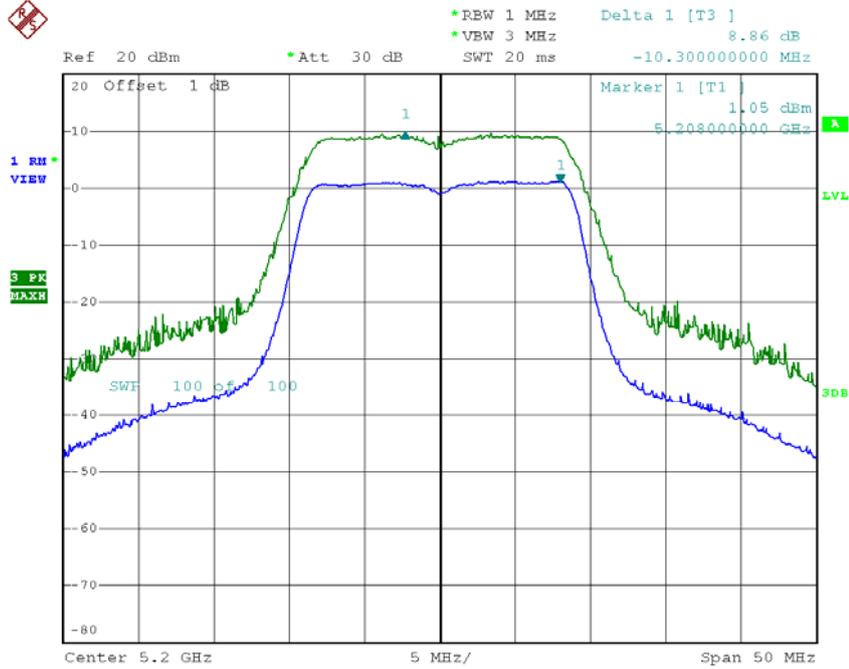
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH36 | 5180 | 8.72 | 13 |
| CH40 | 5210 | 8.86 | 13 |
| CH48 | 5240 | 8.60 | 13 |



Date: 27.NOV.2012 22:46:06

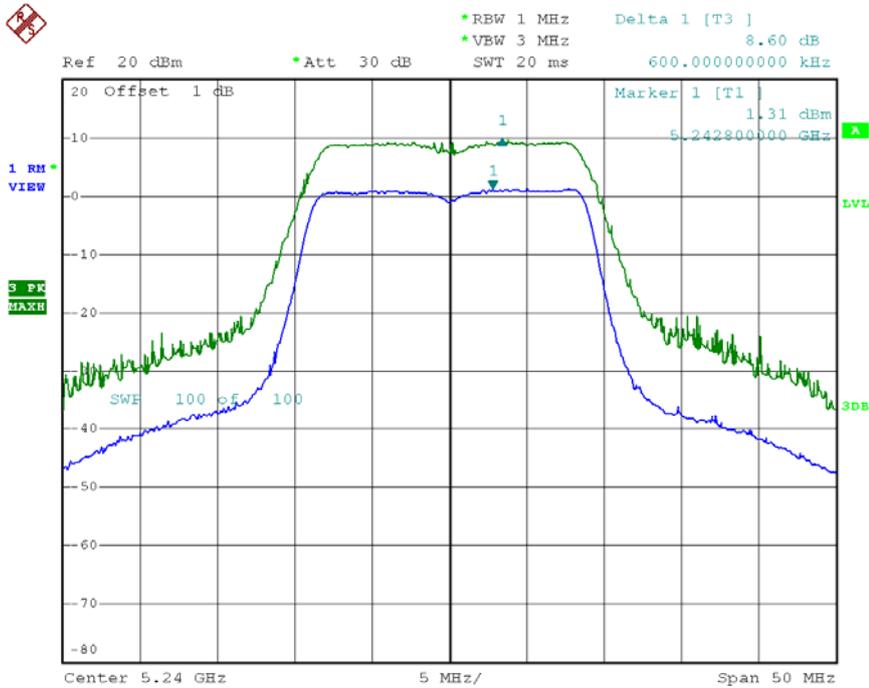


CH40



Date: 27.NOV.2012 22:41:55

CH48

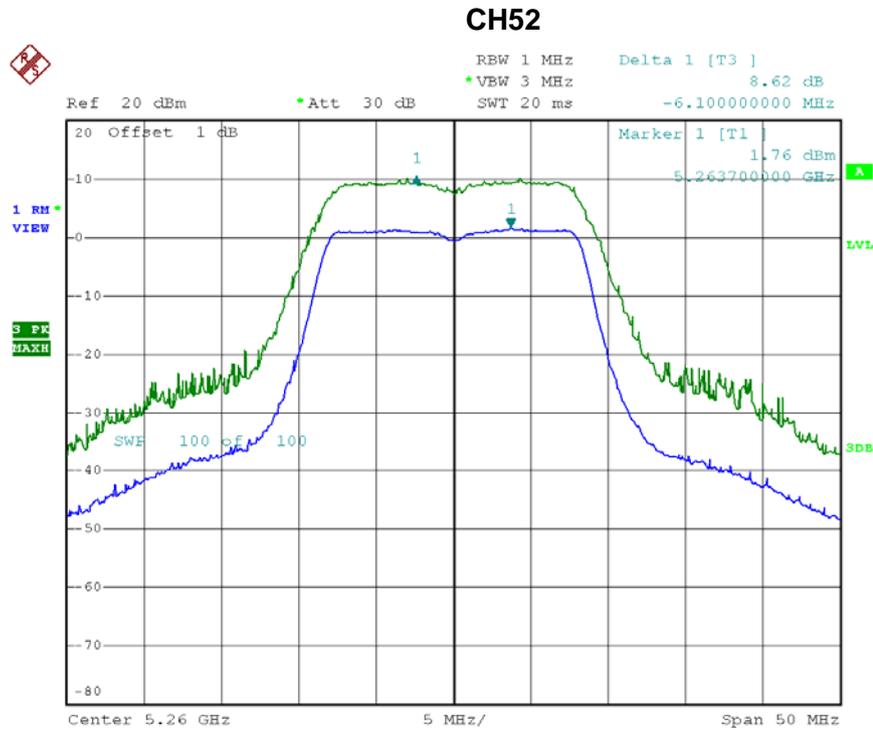


Date: 27.NOV.2012 22:39:13



| | | | |
|----------------|-----------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX A Mode/CH52, CH56, CH64 | | |

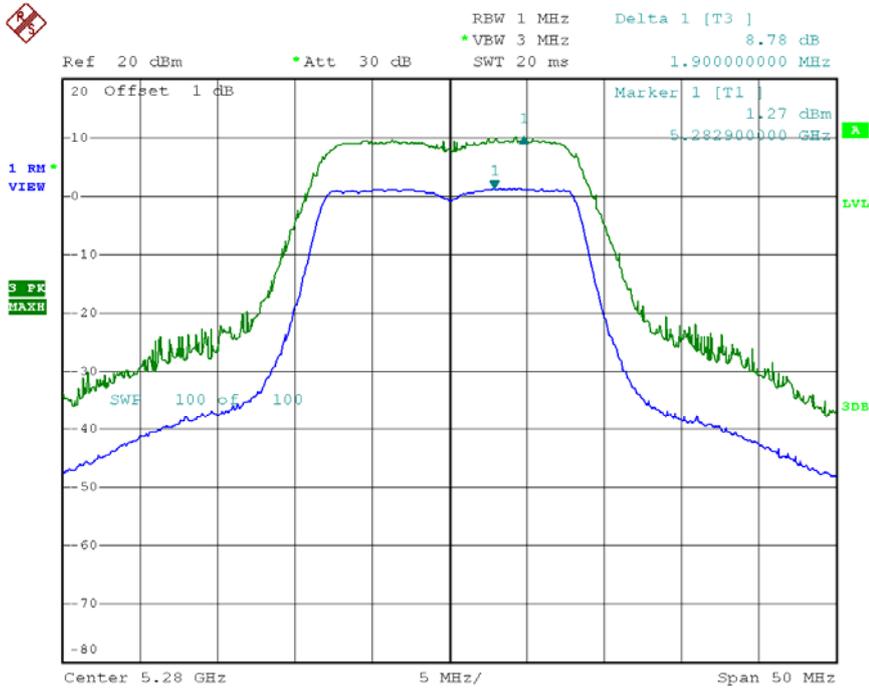
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH52 | 5260 | 8.62 | 13 |
| CH56 | 5280 | 8.78 | 13 |
| CH64 | 5320 | 9.02 | 13 |



Date: 27.NOV.2012 21:58:04

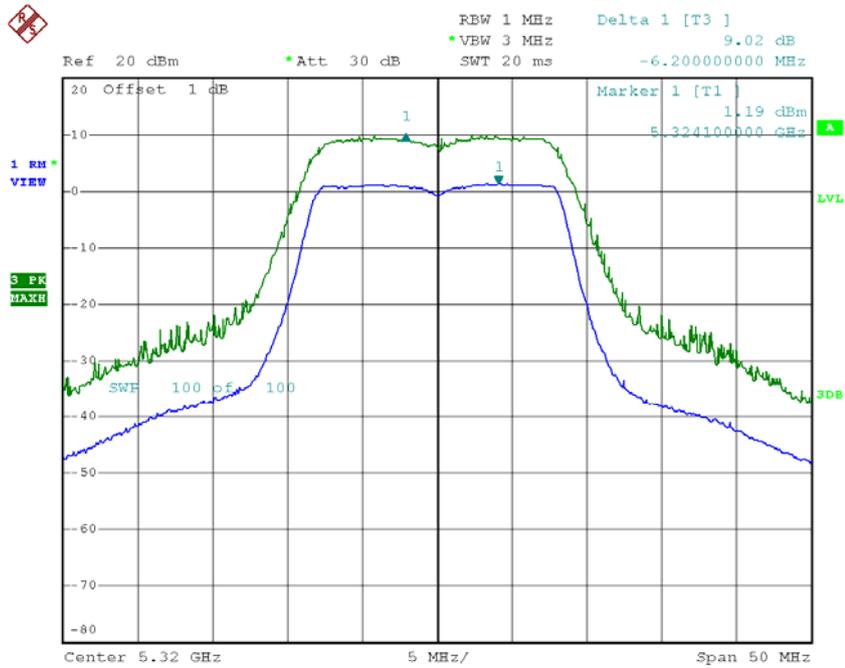


CH56



Date: 27.NOV.2012 21:59:59

CH64

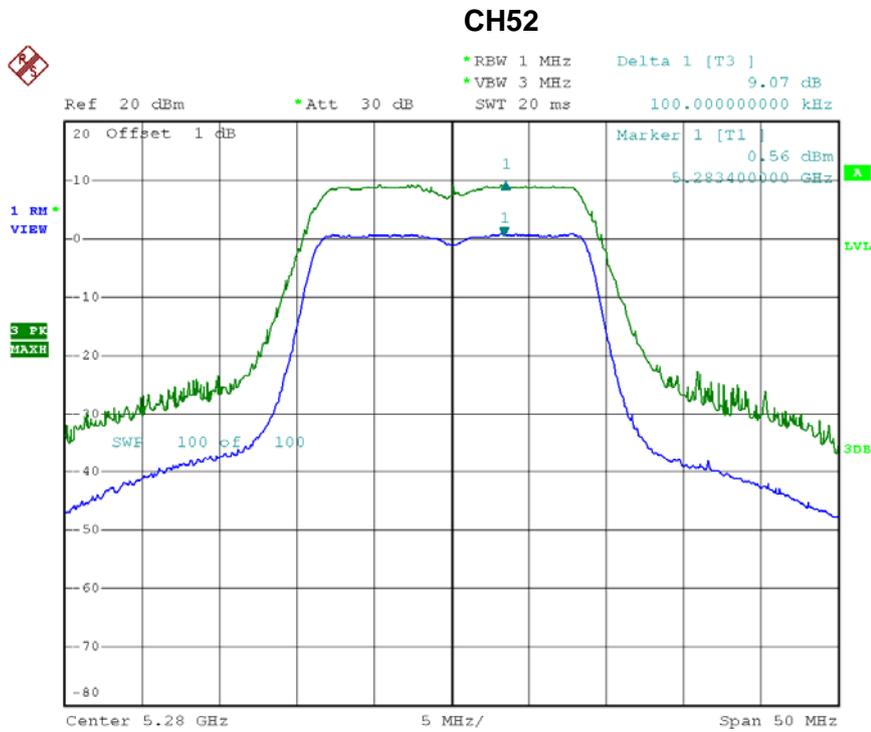


Date: 27.NOV.2012 22:02:26



| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2/TX N20 Mode/CH52, CH56, CH64 | | |

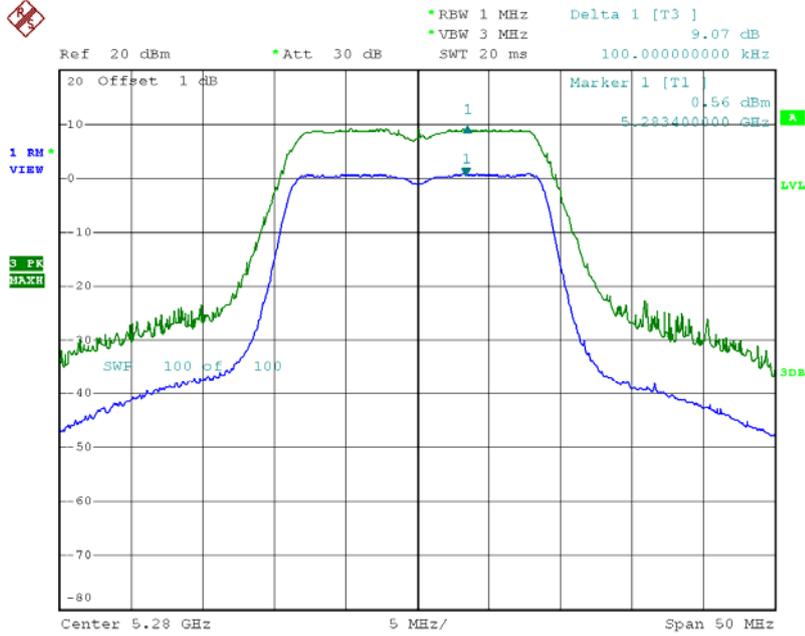
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH52 | 5260 | 9.14 | 13 |
| CH56 | 5280 | 9.07 | 13 |
| CH64 | 5320 | 8.36 | 13 |



Date: 27.NOV.2012 22:34:45

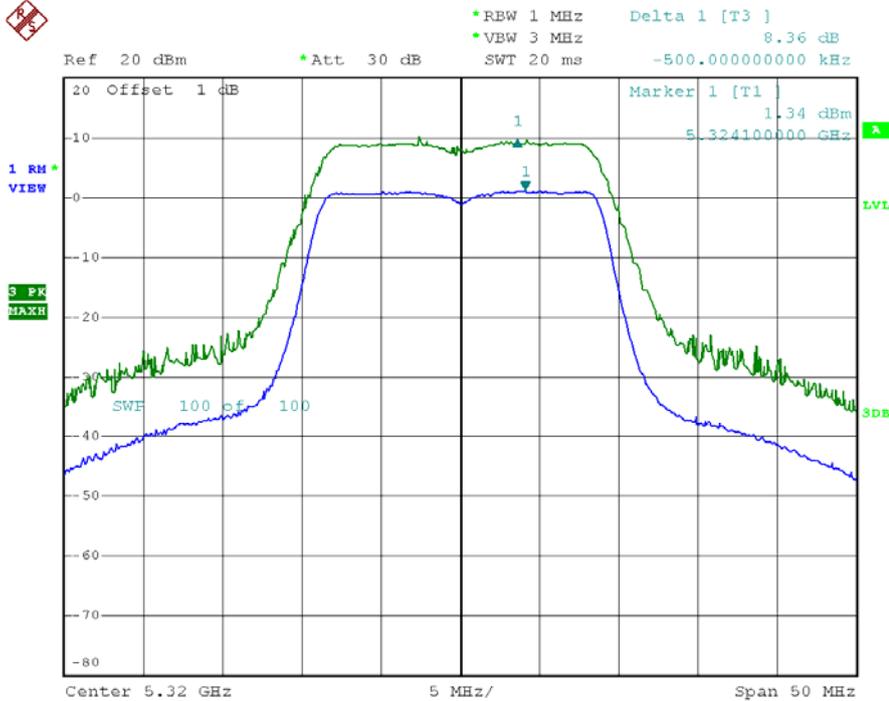


CH56



Date: 27.NOV.2012 22:34:45

CH64

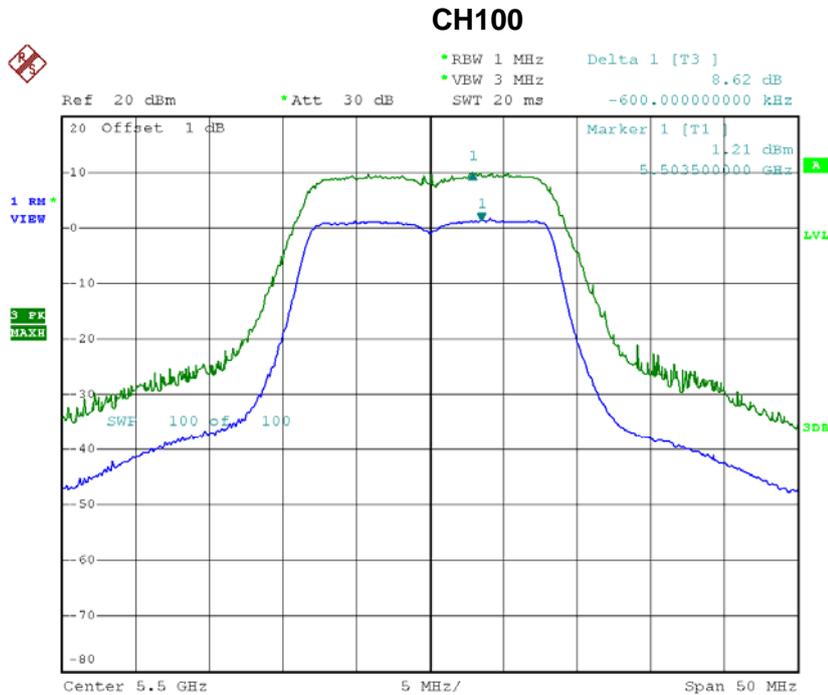


Date: 27.NOV.2012 22:28:05



| | | | |
|----------------|--------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX A Mode/CH100, CH116, CH140 | | |

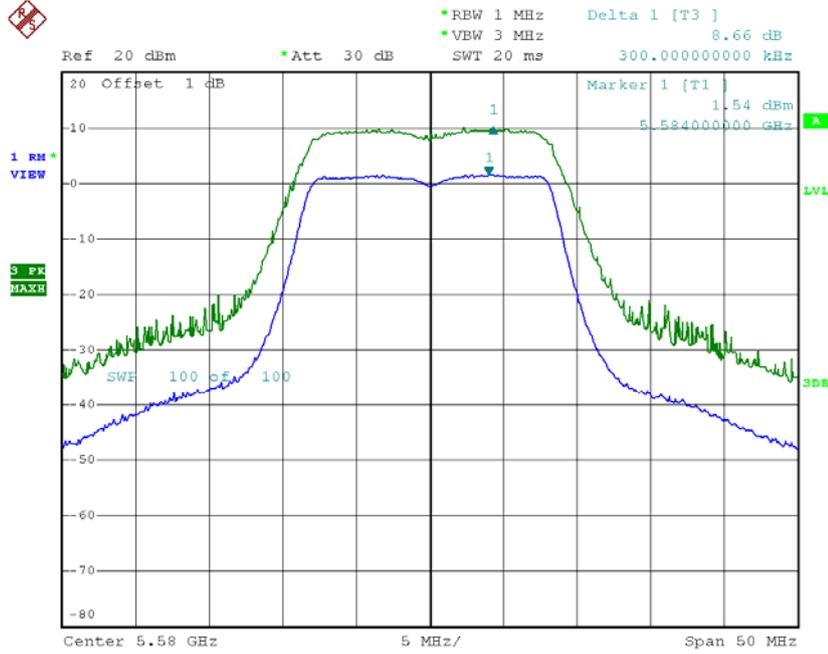
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH100 | 5500 | 8.62 | 13 |
| CH116 | 5580 | 8.66 | 13 |
| CH140 | 5700 | 8.98 | 13 |



Date: 27.NOV.2012 22:09:19

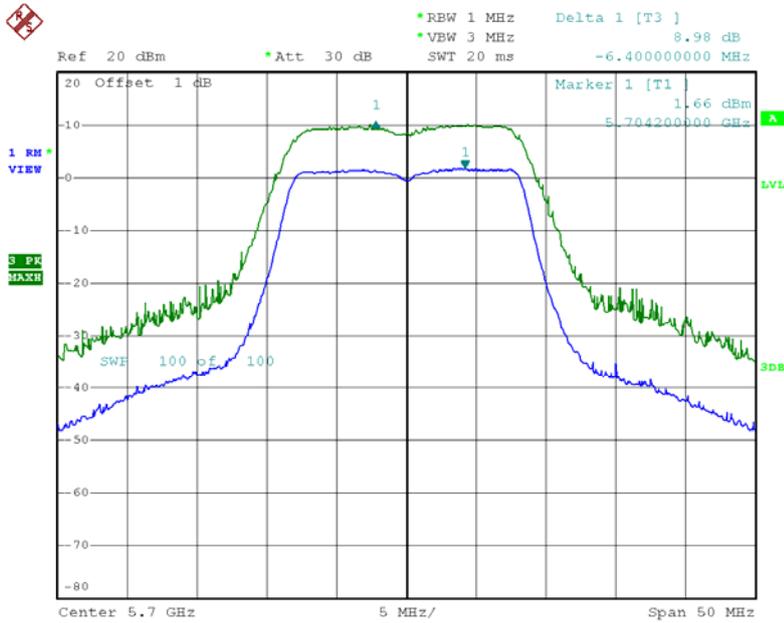


CH116



Date: 27.NOV.2012 22:12:01

CH140

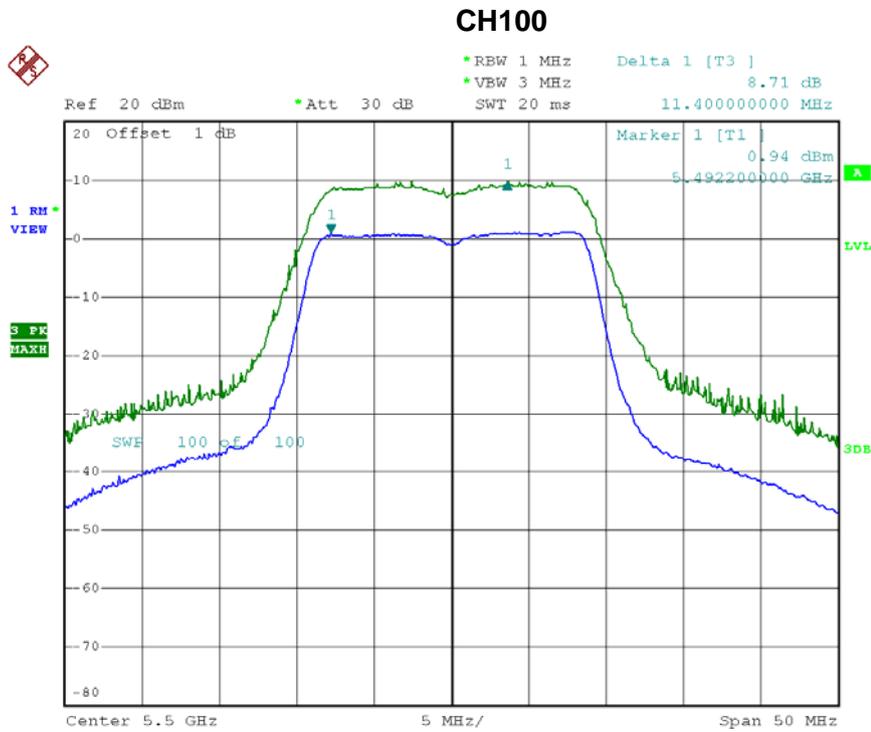


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| | | | |
|----------------|-------------------------------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3/TX N20 Mode/CH52, CH56, CH64 | | |

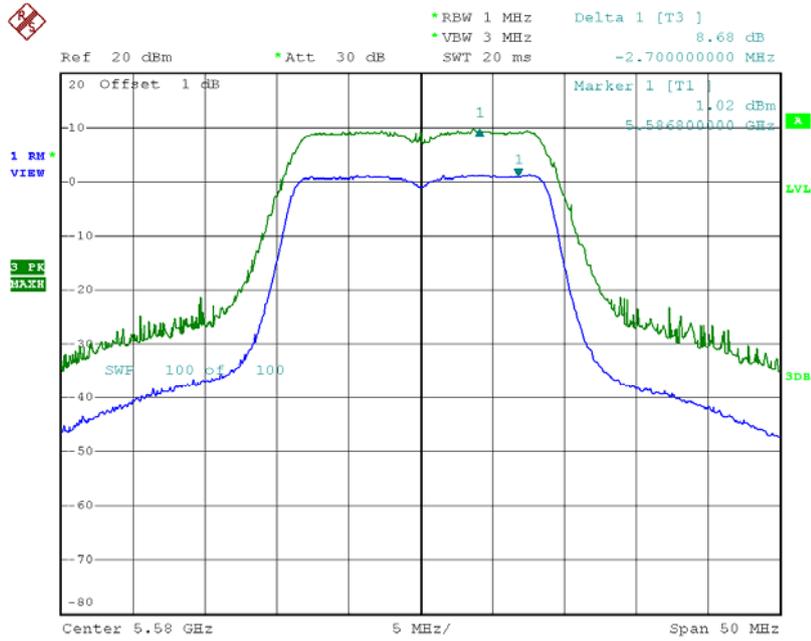
| Test Channel | Frequency (MHz) | Peak Excursion (dB) | LIMIT (dB) |
|--------------|-----------------|---------------------|------------|
| CH100 | 5500 | 8.71 | 13 |
| CH116 | 5580 | 8.68 | 13 |
| CH140 | 5700 | 8.71 | 13 |



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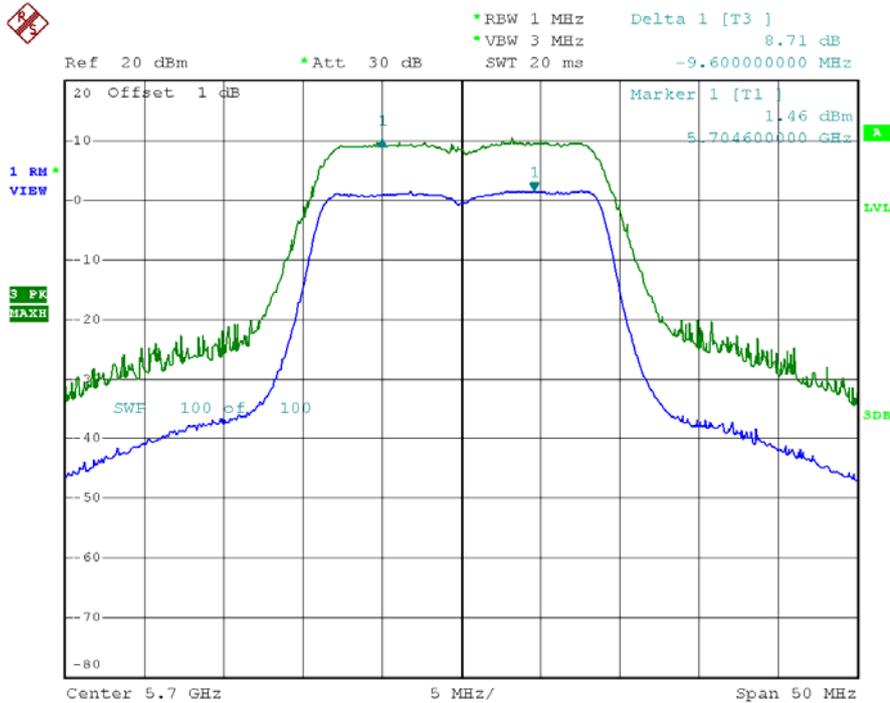


CH116



Date: 27.NOV.2012 22:24:09

CH140



Date: 27.NOV.2012 22:21:07



10. FREQUENCY STABILITY MEASUREMENT

10.1 APPLIED PROCEDURES / LIMIT

| FCC Part15, Subpart E 15.407(g) | | | |
|---------------------------------|--------------------------------|-----------------------|--------|
| Test Item | Limit | Frequency Range (MHz) | Result |
| Frequency Stability | specified in the user's manual | 5150 – 5250 | PASS |
| | | 5250 – 5350 | N/A |
| | | 5470 – 5725 | N/A |

10.1.1 MEASUREMENT INSTRUMENTS LIST

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-----------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP_40 | 100129 | Nov. 26.2013 |
| 2 | Precision Oven Tester | HOLINK | H-T-1F-D | BA03101701 | May.11.2013 |

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of Equipment List is One Year.

10.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

| Spectrum Parameter | Setting |
|--------------------|--|
| Attenuation | Auto |
| Span Frequency | Entire absence of modulation emissions bandwidth |
| RB | 10 kHz |
| VB | 10 kHz |
| Sweep Time | Auto |

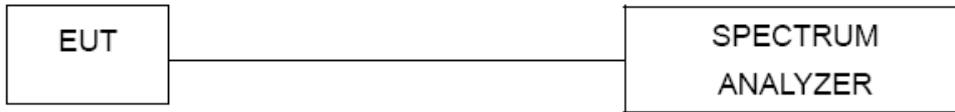
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
 d. user manual temperature is -10°C~55°C.

10.1.3 DEVIATION FROM STANDARD

No deviation.



10.1.4 TEST SETUP



10.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



10.1.6 TEST RESULTS

| | | | |
|----------------|--------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 1 | | |

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (V) | 5180 |
| 138 | 5180.00701 |
| 120 | 5180.007200 |
| 102 | 5180.006900 |
| Max. Deviation (MHz) | 0.007200 |
| Max. Deviation (ppm) | 1.39 |
| 102 | 5180.006900 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (°C) | 5180 |
| 0 | 5180.00235 |
| 10 | 5180.00315 |
| 20 | 5180.00701 |
| 30 | 5179.97871 |
| 40 | 5179.99892 |
| Max. Deviation (MHz) | 0.021290 |
| Max. Deviation (ppm) | 4.11 |



| | | | |
|----------------|--------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 2 | | |

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (V) | 5320 |
| 138 | 5320.001200 |
| 120 | 5320.001400 |
| 102 | 5320.001900 |
| Max. Deviation (MHz) | 0.001900 |
| Max. Deviation (ppm) | 0.36 |
| 102 | 5320.001900 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (°C) | 5320 |
| 0 | 5180.00235 |
| 10 | 5180.00315 |
| 20 | 5180.00701 |
| 30 | 5179.97871 |
| 35 | 5179.99892 |
| Max. Deviation (MHz) | 0.021290 |
| Max. Deviation (ppm) | 4.11 |



| | | | |
|----------------|--------------|---------------------|----------|
| EUT : | Tablet | Model Name : | S10-201w |
| Temperature : | 25 °C | Relative Humidity : | 58 % |
| Test Voltage : | AC 120V/60Hz | | |
| Test Mode : | Band 3 | | |

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (V) | 5700 |
| 138 | 5700.001200 |
| 120 | 5700.003900 |
| 102 | 5700.001900 |
| Max. Deviation (MHz) | 0.003900 |
| Max. Deviation (ppm) | 0.68 |
| 102 | 5700.001900 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|----------------------|------------------------------------|
| (°C) | 5700 |
| 0 | 5700.005510 |
| 10 | 5700.001430 |
| 20 | 5700.001200 |
| 30 | 5699.979460 |
| 35 | 5699.961610 |
| Max. Deviation (MHz) | 0.038390 |
| Max. Deviation (ppm) | 6.74 |



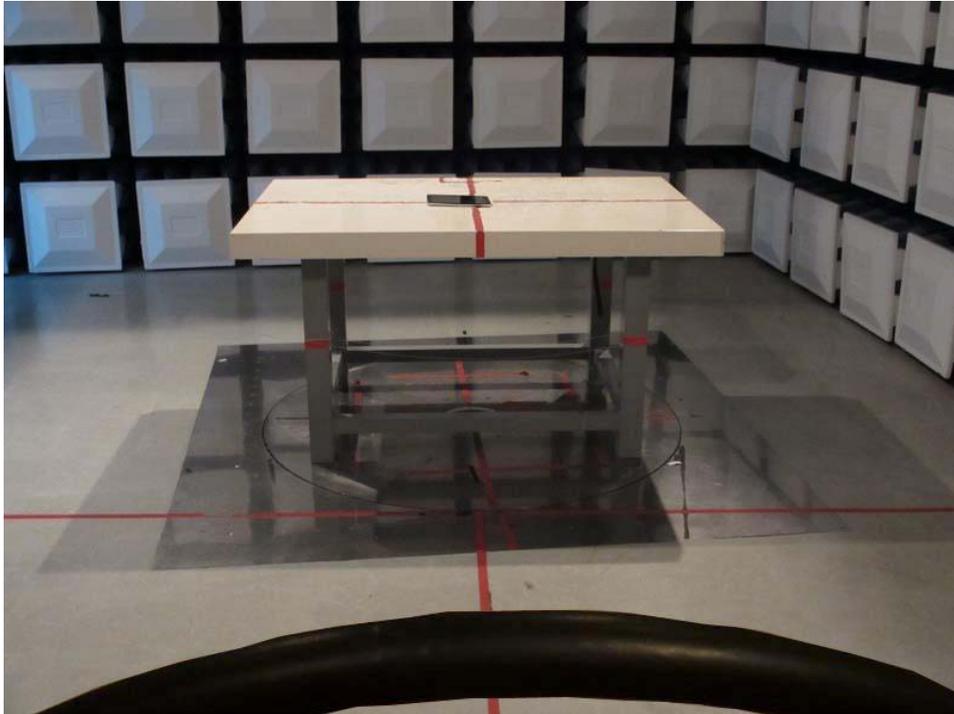
11. EUT TEST PHOTO

Conducted Measurement Photos





**Radiated Measurement Photos
9K-30MHz**





**Radiated Measurement Photos
30MHz-1GHz**





**Radiated Measurement Photos
Above 1GHz**

