



Change

FCC Radio Test Report FCC ID: TE7C20V5

This report concerns (check	one): ⊠Original Grant □Class I Change □Class II
Project No. : Equipment : Test Model : Series Model : Applicant : Address :	1804C131 AC750 Wireless Dual Band Router Archer C20 N/A TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China
Date of Test : Issued Date :	Apr. 24, 2018 Apr. 27, 2018 ~ Jun. 14, 2018 Jul. 26, 2018 BTL Inc.
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Declaration

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

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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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1804C131	Original Issue.	Jul. 26, 2018

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1. CERTIFICATION

Equipment : AC750 Wireless Dual Band Router

Brand Name : tp-link Test Model : Archer C20

Series Model: N/A

Applicant : TP-Link Technologies Co., Ltd. Manufacturer : TP-Link Technologies Co., Ltd.

Address : Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology

Park, Shennan Rd, Nanshan, Shenzhen, China

Date of Test : Apr. 27, 2018 ~ Jun. 14, 2018

Test Sample: Engineering Sample No.: D180403306-5 for conducted, D180403304 for

radiated

Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.10-2013

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1804C131) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E(15.407)				
Standard(s) 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)	Radiated Emissions	PASS		
15.407(b)	Band Edge Emissions	PASS		
15.407(g)	Frequency Stability	PASS		
15.203	Antenna Requirements	PASS		

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385 BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) k=1.96 or k=2(which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %, U=2xUc(y).

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 KHz ~ 30MHz	2.32

B. Radiated Measurement:

Test Site	Method Measurement Frequency Range		Ant. H / V	U, (dB)
		9kHz~30MHz	V	3.79
		9kHz~30MHz	Η	3.57
		30MHz ~ 200MHz	V	3.82
	CISPR	30MHz ~ 200MHz	Ι	3.60
DG-CB03		200MHz ~ 1,000MHz	V	3.86
DG-CB03		200MHz ~ 1,000MHz	Τ	3.94
		1GHz~18GHz	٧	3.12
		1GHz~18GHz		3.68
		18GHz~40GHz	V	4.15
		18GHz~40GHz	Ι	4.14

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC750 Wireless Dual Band Router		
Brand Name	tp-link		
Test Model	Archer C20		
Series Model	N/A		
Mode Different	NA		
Draduct Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz	
Product Description	Modulation Type	OFDM	
	Bit Rate of Transmitter	433 Mbps	
Output Power	Output Power (Max.)for UNII-1	802.11a: 21.68dBm 802.11n (20M): 21.50dBm 802.11n (40M): 21.57dBm 802.11ac (20M): 21.43dBm 802.11ac (40M): 21.57dBm 802.11ac (80M): 13.54dBm	
	Output Power (Max.)for UNII-3 802.11a: 21.78dBm 802.11n (20M): 21.68dBm 802.11n (40M): 21.79dBm 802.11ac (20M): 21.57dBm 802.11ac (40M): 21.63dBm 802.11ac (80M): 21.69dBm		
Power Source	DC Voltage supplied from AC/DC adapter. Brand/Model: tp-link/T090060-2B1		
Power Rating	I/P: 100-240V~50/60Hz 0.3A O/P: 9V0.6A		

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Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

802.11a 802.11n 20MHz 802.11ac 20MHz			40MHz c 40MHz	802.11ad	e 80MHz
UNI	NII-1 UN		UNII-1		II-1
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

802.11a 802.11n 20MHz 802.11ac 20MHz			40MHz c 40MHz	802.11ad	e 80MHz
UNI	I-3	UN	II-3	UN	II-3
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Antenna Specification:

Ant.	Manufacturer	PN	Antenna Type	Connector	Gain (dBi)	Note
1	TP-LINK°	3101501000	Dipole	N/A	1.58	5150-5250
1	TP-LINK°	3101501000	Dipole	N/A	1.86	5725-5850

Note:

(1) The EUT incorporates a SISO function. Physically, the EUT provides two completed one transmitter and one receiver (1T1R).

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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 Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)
Mode 6	TX AC80 Mode / CH42 (UNII-1)
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)
Mode 12	TX AC80 Mode / CH155 (UNII-3)
Mode 13	TX Mode

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 13	TX Mode	

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For Radiated Test		
Final Test Mode	Description	
Mode 1	TX A Mode / CH36, CH40, CH48 (UNII-1)	
Mode 2	TX N20 Mode / CH36, CH40, CH48 (UNII-1)	
Mode 3	TX N40 Mode / CH38, CH46 (UNII-1)	
Mode 4	TX AC20 Mode / CH36, CH40, CH48 (UNII-1)	
Mode 5	TX AC40 Mode / CH38, CH46 (UNII-1)	
Mode 6	TX AC80 Mode / CH42 (UNII-1)	
Mode 7	TX A Mode / CH149,CH157,CH165 (UNII-3)	
Mode 8	TX N20 Mode / CH149,CH157,CH165 (UNII-3)	
Mode 9	TX N40 Mode / CH151,CH159 (UNII-3)	
Mode 10	TX AC20 Mode / CH149,CH157,CH165 (UNII-3)	
Mode 11	TX AC40 Mode / CH151,CH159 (UNII-3)	
Mode 12	TX AC80 Mode / CH155 (UNII-3)	

Note:

(1) For radiated below 1GHz test, the 802.11a mode is found to be the worst case and recorded.

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3.3 TABLE OF PARAMETERS OF TEST 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

UNII-1				
Test Software Version		N/A		
Frequency (MHz)	5180	5200	5240	
A Mode	32	32	32	
N20 Mode	31	32	33	
AC20 Mode	30	33	33	
Frequency (MHz)	5190	5230		
N40 Mode	24	34		
AC40 Mode	24	34		
Frequency (MHz)	5210			
AC80 Mode	21			

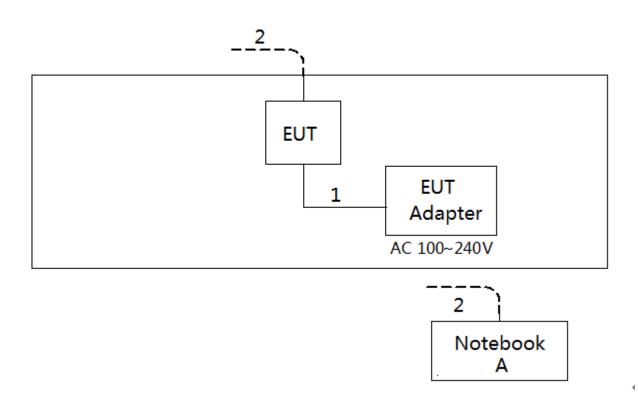
UNII-3			
Test Software Version	N/A		
Frequency (MHz)	5745	5785	5825
A Mode	38	38	40
N20 Mode	38	38	40
AC20 Mode	38	38	40
Frequency (MHz)	5755	5795	
N40 Mode	38	42	
AC40 Mode	38	42	
Frequency (MHz)	5775		
AC80 Mode	35		

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3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



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.
Α	Notebook	Lenovo	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.5m	DC Cable
2	NO	NO	10m	RJ45 Cable

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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)	
PREQUENCT (MIDZ)	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 TEST PROCEDURE

- a. 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.
- b. 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.
- c. 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

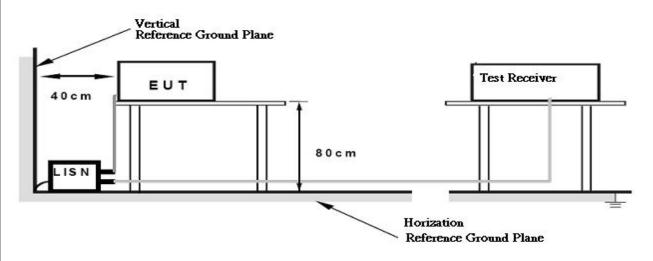
No deviation

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4.1.4 TEST SETUP



4.1.5 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/TX Mode mode.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 53% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Appendix A.

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 on this case, a " * " marked in AVG Mode column of Interference Voltage Measured on the Note of Interference Voltage Measured on the Note
- (2) Measuring frequency range from 150kHz to 30MHz o

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4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Frequencies	EIDD Limit (dDm)	Equivalent Field Strength
(MHz)	EIRP Limit (dBm)	at 3m (dBµV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
	-27(Note 2)	68.3
5705 F0F0	10(Note 2)	105.3
5725-5850	15.6(Note 2)	110.9
	27(Note 2)	122.3

Note

1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E=\frac{1000000\sqrt{30P}}{\mu}$ V/m, where P is the eirp (Watts)

2. According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below theband edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above orbelow the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

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4.2.2 TEST PROCEDURE

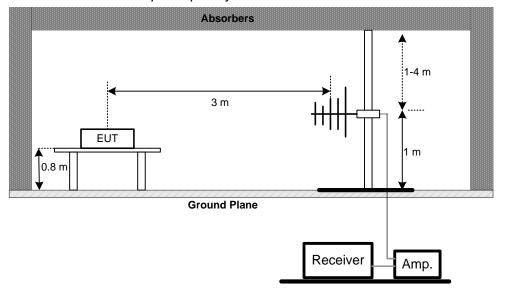
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; 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. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. 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. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

No deviation

4.2.4 TEST SETUP

(A)Radiated Emission Test Set-Up Frequency Below 1GHz

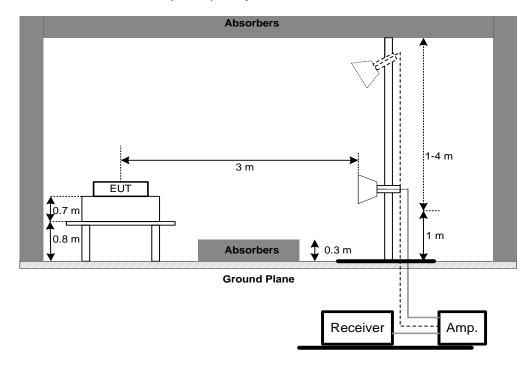


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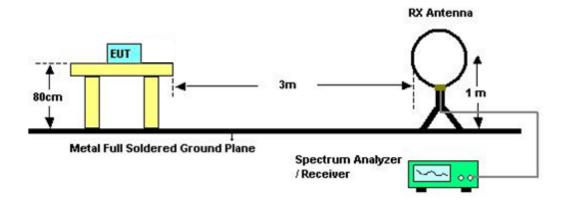




(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) Radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

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4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Appendix B

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 30 TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.

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5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E				
Test Item	Limit	Frequency Range (MHz)	Result	
	26 dB Bandwidth	5150-5250	PASS	
Bandwidth	Minimum 500kHz 6dB Bandwidth	5725-5850	PASS	

5.1.1 TEST PROCEDURE

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

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz(Bandwidth 20MHz)
RDW	1MHz(Bandwidth 40MHz and 80MHz)
VBW	1MHz(Bandwidth 20MHz)
VDVV	3MHz(Bandwidth 40MHz and 80MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

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5.1.5 EUT TEST CONDITIONS Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz 5.1.6 TEST RESULTS Please refer to the Appendix E.

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6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E				
Test Item	Limit	Frequency Range (MHz)	Result	
Conducted Output Power	Fixed:1 Watt (30dBm) Mobile and portable: 250mW (24dBm)	5150-5250	PASS	
	1 Watt (30dBm)	5725-5850	PASS	

Note: The maximum e.i.r.p at anyelevation angle above 30 degrees as measured from the horizon must not exceed 125mW(21dBm)

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Used spectrum analyzer band power measurement function.
- c. Test was performed in accordance with method of KDB 789033 D02 Method SA-1. The spectrum analyzer setting please see follow:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Sweep points	≥2 x span / RBW
Detector	RMS
Trace	Trace average at least 100 traces in power
Trace	averaging(rms) mode.
Sweep Time	auto

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6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP

EUT	SPECTRUM
	ANALYZER

6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

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7. POWER SPECTRAL DENSITY TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E				
Test Item	Limit	Frequency Range (MHz)	Result	
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS	
	30dBm/500kHz	5725-5850	PASS	

8.1.1 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 Fraguency	Encompass the entire emissions bandwidth (EBW) of the
	Span Frequency	signal
	RBW	= 1MHz.
	VBW	≥ 3MHz.
	Detector	RMS
	Trace average	100 trace
	Sweep Time	Auto

Note:

- 1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01r02, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
- 2. The value measured with RBW=1MHz is to be added with 10log(500kHz/1MHz) which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

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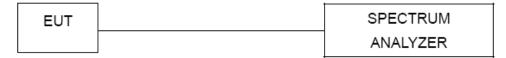




7.1.1 DEVIATION FROM STANDARD

No deviation.

7.1.2 TEST SETUP



7.1.3 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.4 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

7.1.5 TEST RESULTS

Please refer to the Appendix H.

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8. FREQUENCY STABILITY MEASUREMENT

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item Limit		Frequency Range (MHz)	Result
For any or Otal life	Specified in the	5150-5250	PASS
Frequency Stability user's manual	5725-5850	PASS	

8.1.1 TEST PROCEDURE

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

	the block diagram below,					
b.	Spectrum Parameter	Setting				
	Attenuation	Auto				
	Span Frequency	Entire absence of modulation emissions bandwidth				
	RBW	10 kHz				
	VBW	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.

8.1.2 DEVIATION FROM STANDARD

No deviation.

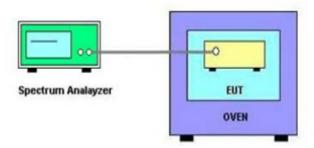
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d. User manual temperature is 0°C~40°C.





8.1.3 TEST SETUP



8.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix I.

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9. MEASUREMENT INSTRUMENTS LIST

	Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	EMI Test Receiver R&S		ESCI	100382	Mar. 11, 2019	
2	LISN EMCO	3816/2	52765	Mar. 11, 2019		
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019	
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019	
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A	
6	Cable	N/A	RG223	12m	Oct. 19, 2018	

	Radiated Emission Measurement - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019	
2	Amplifier	HP	8447D	2944A09673	Oct. 19, 2018	
3	Receiver	Receiver Agilent Cable emci	N9038A	MY52130039	Aug. 20, 2018	
4	Cable		LMR-400(30MHz-1 GHz)(8m+5m)	N/A	Jun. 26, 2018	
5	Controller	CT	SC100	N/A	N/A	
6	Controller	MF	MF-7802	MF780208416	N/A	
7	Measurement Software	Farad		N/A	N/A	
8	Antenna	EM	EM-6876-1	230	Feb. 07, 2019	

	Radiated Emission Measurement - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019	
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2018	
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019	
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019	
5	Receiver	Agilent	N9038A	MY52130039	Aug. 20, 2018	
6	Controller	СТ	SC100	N/A	N/A	
7	Controller	MF	MF-7802	MF780208416	N/A	
8	Cable	emci	EMC104-SM-SM-1 2000(12m)	N/A	Jun. 26, 2018	
9	9 Measurement Farad Software		EZ-EMC Ver.NB-03A1-01	N/A	N/A	

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	Spectrum Bandwidth Measurement				
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

	Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018	

	Power Spectral Density Measurement					
Į	Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
	1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018

Frequency Stability Measurement											
Item	Kind of Equipment Manufacturer		Type No.	Serial No.	Calibrated until						
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 20, 2018						
2	Precision Oven Tester	Bell	BTH-50C	20170306001	Mar. 11, 2019						

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

All calibration period of equipment list is one year.

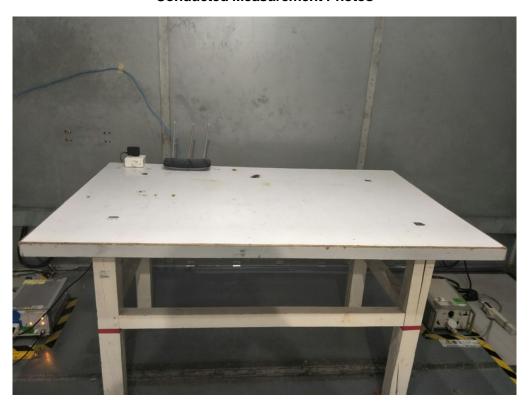
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10. EUT TEST PHOTOS







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Radiated Measurement Photos

9kHz to 30MHz





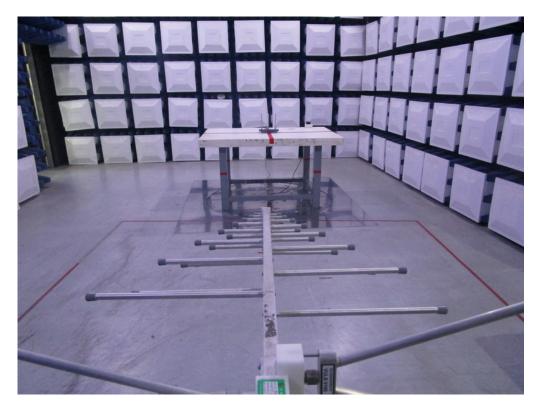
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Radiated Measurement Photos

30MHz to 1000MHz





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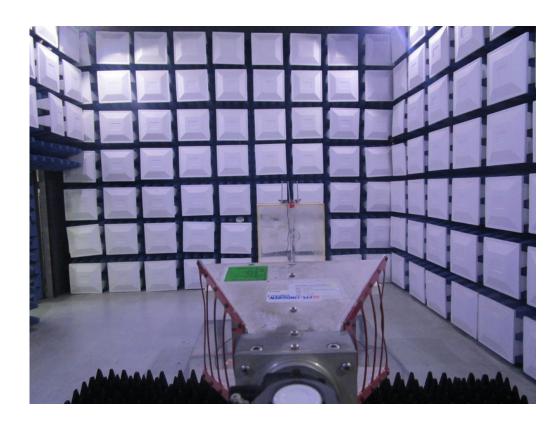




Radiated Measurement Photos

Above 1000MHz





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APPENDIX A - CONDUCTED EMISSION								

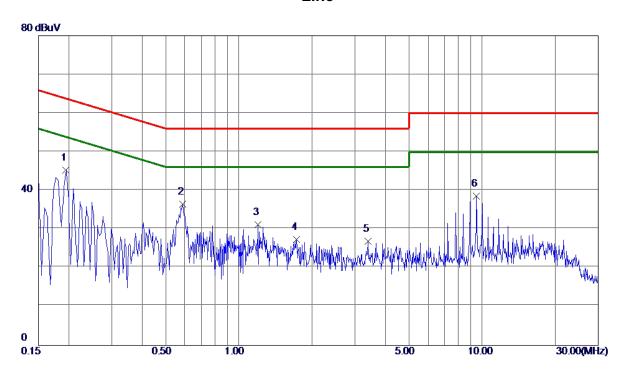
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Test Mode: TX MODE

Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1 *	0. 1949	35. 48	9. 82	45. 30	63.83	-18. 53	Peak	
2	0. 5865	26.70	9. 82	36. 52	56.00	-19.48	Peak	
3	1. 1985	21. 34	9. 93	31. 27	56.00	-24.73	Peak	
4	1.7295	17.41	9. 98	27. 39	56.00	-28.61	Peak	
5	3. 3990	16.80	10.08	26.88	56.00	-29. 12	Peak	
6	9.4604	28. 08	10. 46	38. 54	60.00	-21.46	Peak	

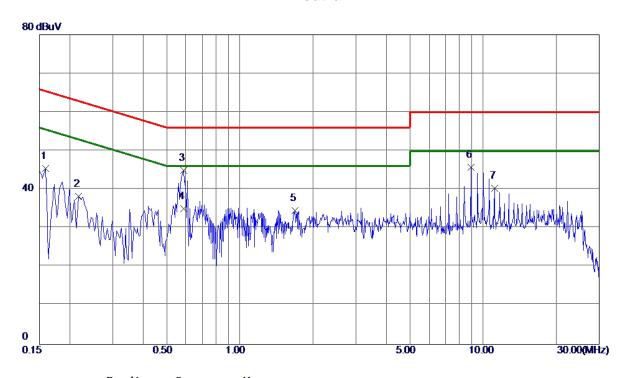
Note: The test result has included the cable loss.

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Neutral



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0. 1590	35. 47	9. 91	45. 38	65. 52	-20. 14	Peak	
2	0. 2175	28. 28	9. 91	38. 19	62.91	-24.72	Peak	
3 *	0. 5865	35. 04	9. 97	45.01	56.00	-10.99	Peak	
4	0. 5865	25. 04	9. 97	35. 01	46.00	-10.99	AVG	
5	1.6890	24. 39	10. 17	34. 56	56.00	-21.44	Peak	
6	8.9070	35. 11	10.69	45.80	60.00	-14. 20	Peak	
7	11. 1300	29. 45	10.82	40. 27	60.00	-19.73	Peak	

Note: The test result has included the cable loss.

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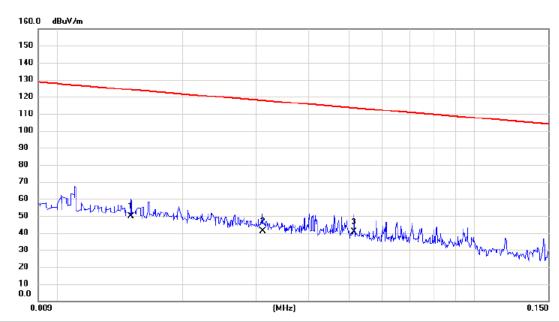
APPENDIX B - RADIATED EMISSION (9KHZ TO 30MHZ)

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Ant 0°



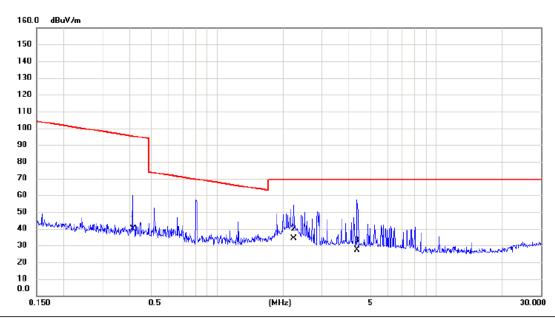
No. Mk.	Freq.			Measure- ment		Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.0150	29.69	20.27	49.96	124.08	-74.12	AVG	
2	0.0311	21.76	19.29	41.05	117.75	-76.70	AVG	
3 *	0.0514	21.93	18.69	40.62	113.39	-72.77	AVG	

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Ant 0°



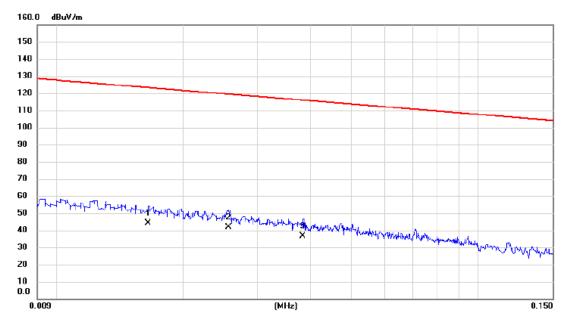
No. Mk.	Freq.	Reading Level		Measure- ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.4127	23.38	16.54	39.92	95.29	-55.37	AVG	
2 *	2.2367	18.95	15.44	34.39	69.54	-35.15	QP	
3	4.3376	12.80	14.76	27.56	69.54	-41.98	QP	

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Ant 90°



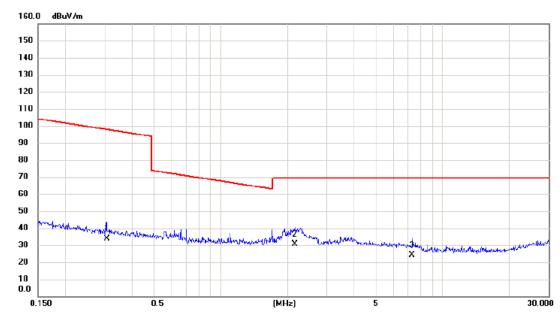
MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment 1 0.0165 24.12 20.07 44.19 123.26 -79.07 AVG 2 * 0.0256 22.24 19.45 41.69 119.44 -77.75 AVG 3 0.0384 17.62 19.07 36.69 115.92 -79.23 AVG	No. Mk.	Freq.			Measure- ment		Margin		
2 * 0.0256 22.24 19.45 41.69 119.44 -77.75 AVG		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
	1	0.0165	24.12	20.07	44.19	123.26	-79.07	AVG	
3 0.0384 17.62 19.07 36.69 115.92 -79.23 AVG	2 *	0.0256	22.24	19.45	41.69	119.44	-77.75	AVG	
5 0.0004 17.02 10.07 50.00 110.02 -70.25 AVG	3	0.0384	17.62	19.07	36.69	115.92	-79.23	AVG	

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Ant 90°



No. Mk.	Freq.	Reading Level		Measure- ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3067	17.22	16.61	33.83	97.87	-64.04	AVG	
2 *	2.1552	15.12	15.46	30.58	69.54	-38.96	QP	
3	7.2903	10.31	14.09	24.40	69.54	-45.14	QP	

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APPENDIX C - RADIATED EMISSION (30MHZ TO 1000MHZ)	

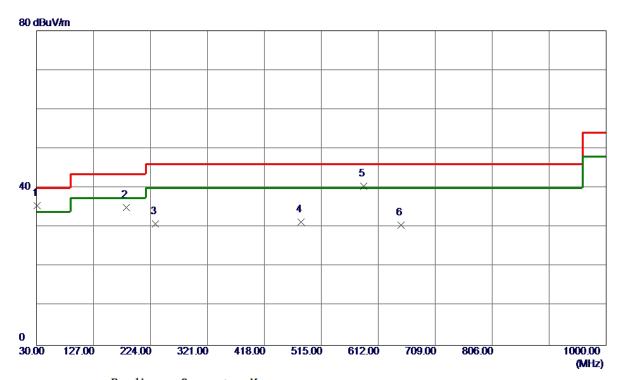
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Test Mode: UNII-1/TX A Mode 5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31. 4550	49. 14	-13. 55	35. 59	40.00	-4.41	Peak	
2	182.7750	46. 97	-11. 99	34. 98	43.50	-8.52	Peak	
3	232.7300	44.93	-14.06	30. 87	46.00	-15. 13	Peak	
4	480.0800	38. 21	-6. 92	31. 29	46.00	-14.71	Peak	
5	587. 2650	44. 67	-4.24	40.43	46.00	-5. 57	Peak	
6	650. 8000	33. 88	-3. 31	30. 57	46.00	-15.43	Peak	

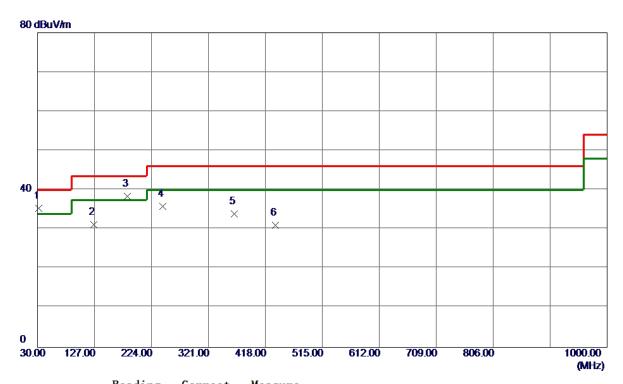
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Test Mode: UNII-1/TX A Mode 5180MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	48. 99	-13.60	35. 39	40.00	-4.61	Peak	
2	126. 0300	44.68	-13. 53	31. 15	43.50	-12. 35	Peak	
3	183. 2600	50.49	-12.04	38. 45	43.50	-5.05	Peak	
4	243.8850	49.77	-13.93	35.84	46.00	-10. 16	Peak	
5	365. 1350	43.85	-9.89	33. 96	46.00	-12.04	Peak	
6	434. 9750	38. 10	-7.03	31. 07	46.00	-14. 93	Peak	

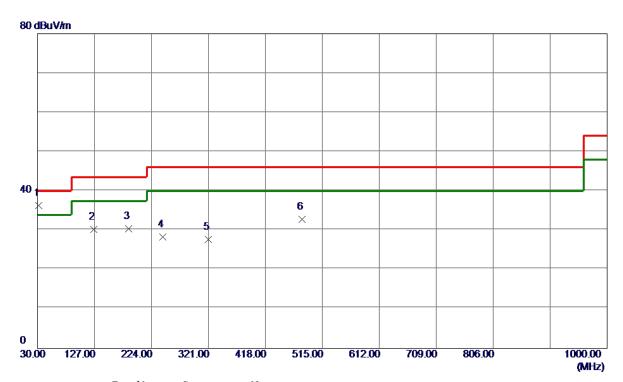
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Test Mode: UNII-1/TX A Mode 5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	49.87	-13. 60	36. 27	40.00	-3.73	Peak	
2	125. 5450	43.84	-13.63	30. 21	43.50	-13. 29	Peak	
3	185. 2000	42.63	-12. 24	30. 39	43.50	-13. 11	Peak	
4	243.4000	42. 29	-13.94	28. 35	46.00	-17.65	Peak	
5	321. 4849	38. 24	-10. 51	27.73	46.00	-18. 27	Peak	
6	480. 0800	39.65	-6. 92	32. 73	46.00	-13. 27	Peak	

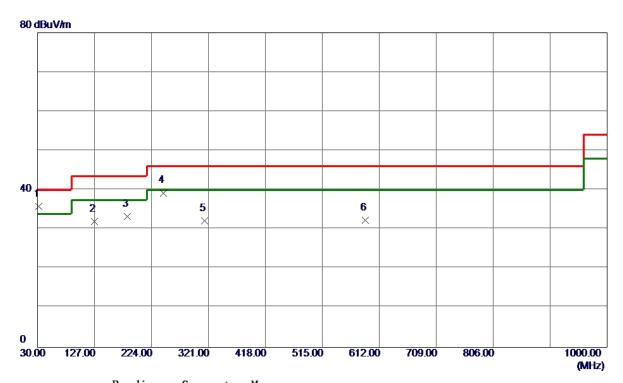
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Test Mode: UNII-1/TX A Mode 5200MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	49. 37	-13.60	35.77	40.00	-4.23	Peak	
2	127.0000	45. 35	-13. 34	32. 01	43.50	-11.49	Peak	
3	182.7750	45. 32	-11. 99	33. 33	43.50	-10. 17	Peak	
4	244. 3700	53. 20	-13.92	39. 28	46.00	-6. 72	Peak	
5	314. 2100	42.62	-10. 53	32.09	46.00	-13.91	Peak	
6	588. 2350	36. 52	-4.24	32. 28	46.00	-13.72	Peak	

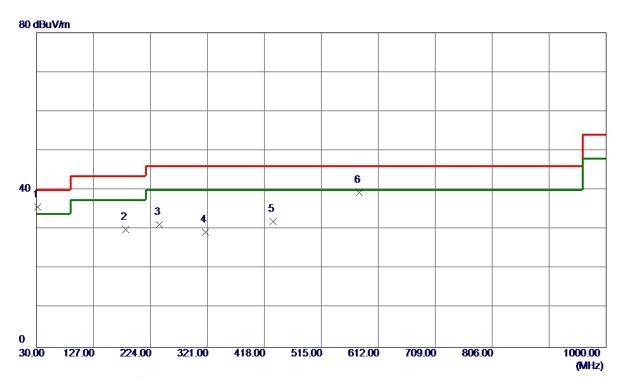
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Test Mode: UNII-1/TX A Mode 5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	49. 23	-13. 60	35. 63	40.00	-4.37	Peak	
2	182. 2899	41.82	-11. 94	29.88	43.50	-13.62	Peak	
3	239. 0350	45. 30	-14.03	31. 27	46.00	-14.73	Peak	
4	318.0900	39. 86	-10. 52	29. 34	46.00	-16.66	Peak	
5	433. 5200	39. 06	-7. 10	31.96	46.00	-14.04	Peak	
6	579. 9900	43.66	-4. 23	39. 43	46.00	-6. 57	Peak	

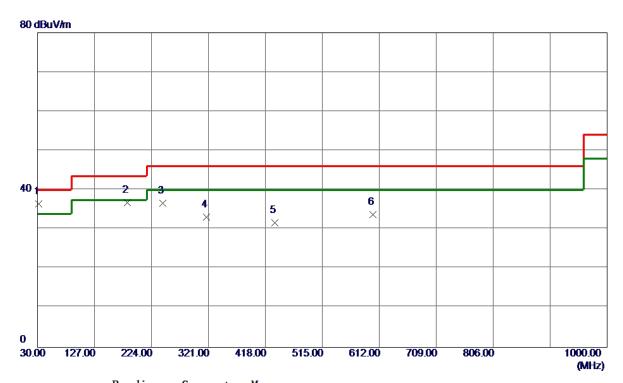
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Test Mode: UNII-1/TX A Mode 5240MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	50 . 12	-13.60	36. 52	40.00	-3.48	Peak	
2	182. 7750	48.78	-11. 99	36. 79	43.50	-6.71	Peak	
3	242. 9150	50. 56	-13. 95	36. 61	46.00	-9. 39	Peak	
4	318. 0900	43.61	-10. 52	33. 09	46.00	-12. 91	Peak	
5	434.0050	38. 68	-7.07	31.61	46.00	-14.39	Peak	
6	601. 3300	37. 93	-4.24	33. 69	46.00	-12. 31	Peak	

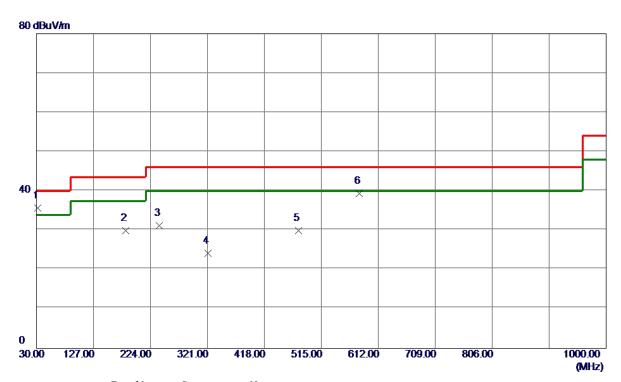
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Test Mode: UNII-3/TX A Mode 5745MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	49. 23	-13. 60	35. 63	40.00	-4.37	Peak	
2	182. 2899	41.82	-11.94	29.88	43.50	-13.62	Peak	
3	239. 0350	45. 30	-14.03	31. 27	46.00	-14.73	Peak	
4	322. 4549	34.73	-10. 51	24. 22	46.00	-21.78	Peak	
5	476. 2000	36. 72	-6.84	29.88	46.00	-16. 12	Peak	
6	579. 9900	43.66	-4. 23	39. 43	46.00	-6. 57	Peak	

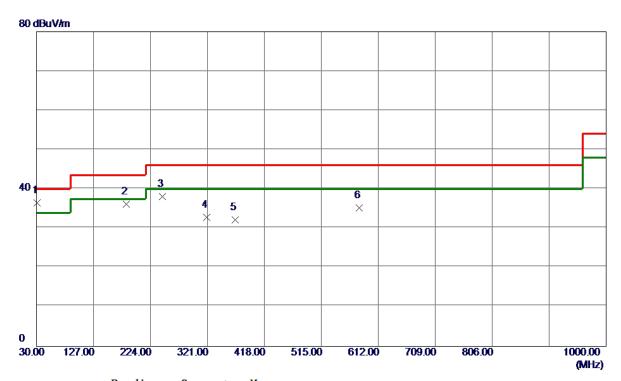
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Test Mode: UNII-3/TX A Mode 5745MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.4550	50.01	-13. 55	36. 46	40.00	-3.54	Peak	
2	182.7750	48. 12	-11. 99	36. 13	43.50	-7. 37	Peak	
3	244. 3700	52.01	-13.92	38. 09	46.00	-7.91	Peak	
4	319. 5450	43.32	-10.51	32.81	46.00	-13. 19	Peak	
5	368. 5300	41.87	-9.77	32. 10	46.00	-13.90	Peak	
6	579. 9900	39. 36	-4. 23	35. 13	46.00	-10.87	Peak	

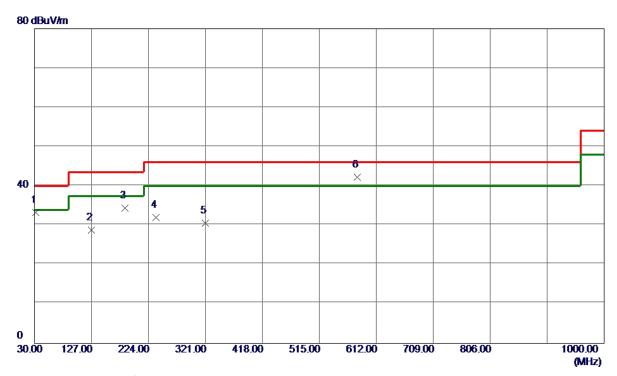
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Test Mode: UNII-3/TX A Mode 5785MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	31.9400	46. 93	-13. 60	33. 33	40.00	-6. 67	Peak	
2	127.0000	42. 19	-13. 34	28. 85	43.50	-14.65	Peak	
3	183. 7450	46. 42	-12.09	34. 33	43.50	-9. 17	Peak	
4	237.0950	46.03	-14.04	31. 99	46.00	-14.01	Peak	
5	321. 4849	41.04	-10. 51	30. 53	46.00	-15.47	Peak	
6 *	579. 9900	46. 54	-4.23	42.31	46.00	-3.69	Peak	

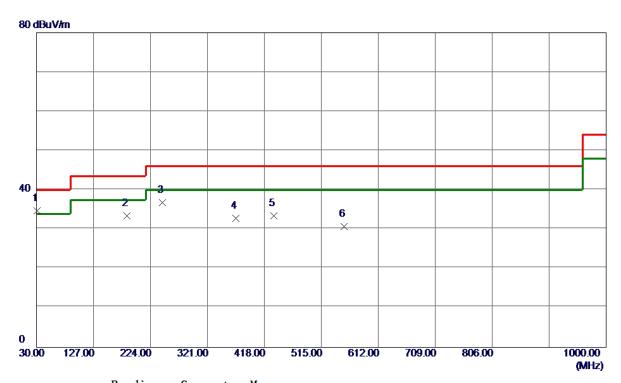
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Test Mode: UNII-3/TX A Mode 5785MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.4550	48. 26	-13. 55	34.71	40.00	-5. 29	Peak	
2	184. 2300	45. 52	-12. 14	33. 38	43.50	-10. 12	Peak	
3	244. 3700	50.78	-13.92	36. 86	46.00	-9. 14	Peak	
4	369. 9849	42.45	-9.72	32. 73	46.00	-13. 27	Peak	
5	434.0050	40. 53	-7.07	33. 46	46.00	-12.54	Peak	
6	554. 2849	34. 93	-4. 19	30. 74	46.00	-15. 26	Peak	

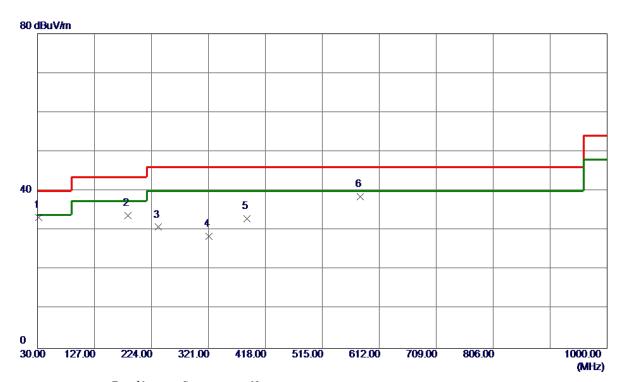
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Test Mode: UNII-3/TX A Mode 5825MHz

Vertical



MHz dBuV/m dB dBuV/m dBuV/m dB Detector Comment 1 * 31.9400 46.81 -13.60 33.21 40.00 -6.79 Peak 2 183.7450 45.92 -12.09 33.83 43.50 -9.67 Peak 3 236.1250 44.84 -14.04 30.80 46.00 -15.20 Peak			Margin	Limit	Measure ment	Correct Factor	Reading Level	Freq.	No.
2 183.7450 45.92 -12.09 33.83 43.50 -9.67 Peak	Comment	Detector	dB	dBuV/m	dBuV/m	dB	dBuV/m	MHz	
		Peak	-6. 79	40.00	33. 21	-13. 60	46.81	31.9400	1 *
3 236 1250 44 84 -14 04 30 80 46 00 -15 20 Peak		Peak	-9. 67	43.50	33. 83	-12.09	45. 92	183.7450	2
0 200.1200 11.01 11.01 00.00 10.00 10.20 1 car		Peak	-15. 20	46.00	30.80	-14.04	44.84	236. 1250	3
4 321.9700 38.94 -10.51 28.43 46.00 -17.57 Peak		Peak	-17.57	46.00	28. 43	-10. 51	38. 94	321.9700	4
5 386.4750 42.14 -9.13 33.01 46.00 -12.99 Peak		Peak	-12.99	46.00	33. 01	-9. 13	42.14	386. 4750	5
6 579.9900 42.76 -4.23 38.53 46.00 -7.47 Peak		Peak	-7.47	46.00	38. 53	-4. 23	42.76	579. 9900	6

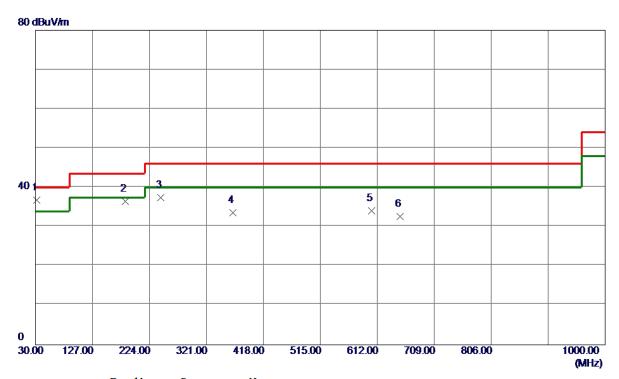
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Test Mode: UNII-3/TX A Mode 5825MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	31.9400	50. 35	-13.60	36. 75	40.00	-3. 25	Peak	
2	182.7750	48. 49	-11. 99	36. 50	43.50	-7.00	Peak	
3	243. 4000	51. 32	-13.94	37. 38	46.00	-8. 62	Peak	
4	366. 1050	43. 52	-9.86	33.66	46.00	-12.34	Peak	
5	602. 7849	38. 30	-4.21	34.09	46.00	-11.91	Peak	
6	651. 2849	35. 90	-3. 29	32. 61	46.00	-13. 39	Peak	

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APPENDIX D - RADIATED EMISSION (ABOVE 1000MHZ)

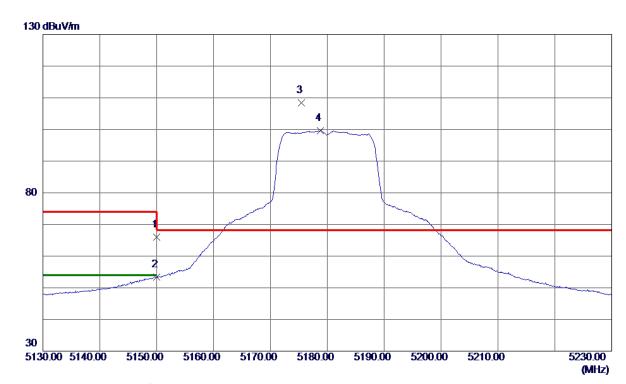
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48.77	17. 17	65. 94	74.00	-8. 06	Peak	
2	5150.0000	36. 20	17. 17	53. 37	54.00	-0.63	AVG	
3 *	5175. 4000	91. 12	17. 20	108. 32	68.30	40.02	Peak	No Limit
4	5178. 8000	82. 43	17. 21	99. 64	999. 00	-899. 36	AVG	No Limit

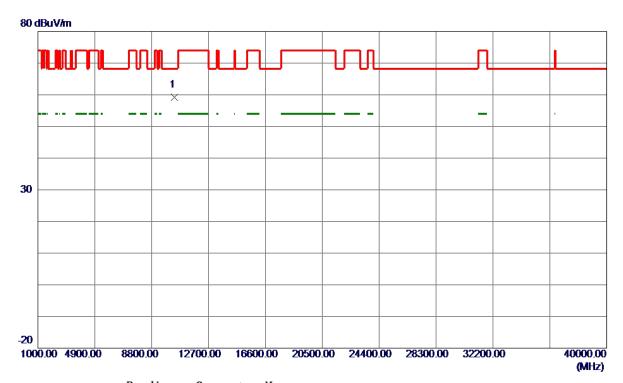
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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10356. 6250	45. 35	13. 90	59. 25	68. 30	-9. 05	Peak	

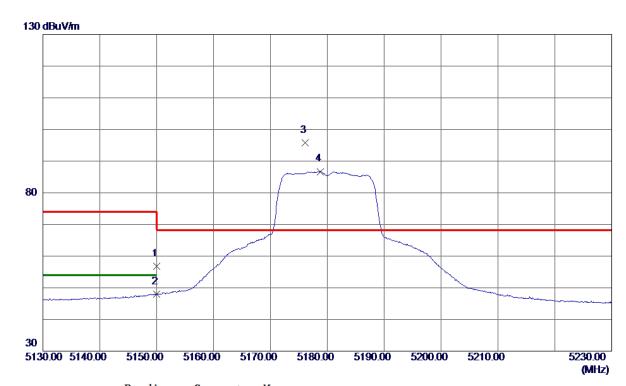
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	39. 58	17. 17	56. 75	74.00	-17. 25	Peak	
2	5150.0000	30.77	17. 17	47.94	54.00	-6.06	AVG	
3 *	5176. 1000	78. 53	17. 21	95.74	68.30	27.44	Peak	No Limit
4	5178. 8000	69. 49	17. 21	86. 70	999.00	-912. 30	AVG	No Limit

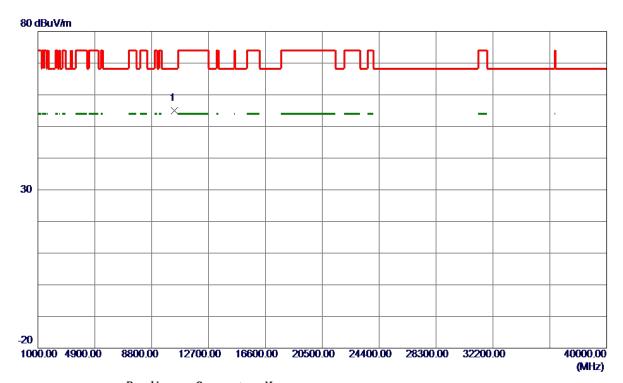
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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10365. 6500	41.00	13. 92	54. 92	68. 30	-13. 38	Peak	

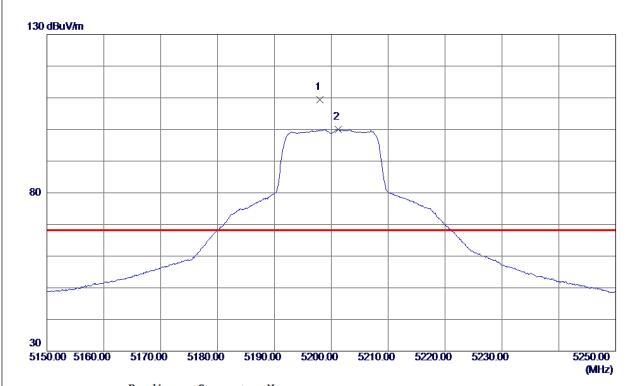
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5198.0000	92. 12	17. 23	109. 35	68.30	41.05	Peak	No Limit
2	5201. 2000	82. 74	17. 24	99. 98	999. 00	-899. 02	AVG	No Limit

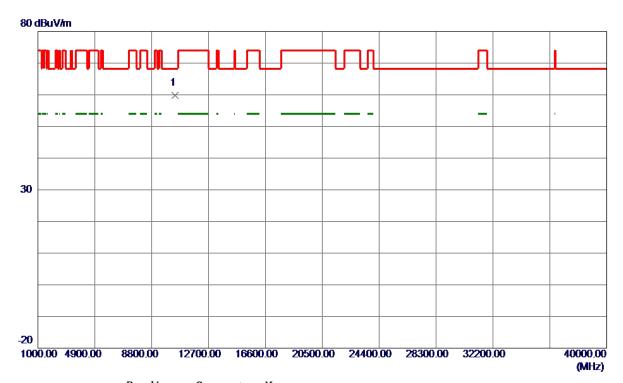
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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10396. 4250	45. 91	13. 95	59. 86	68. 30	-8.44	Peak	

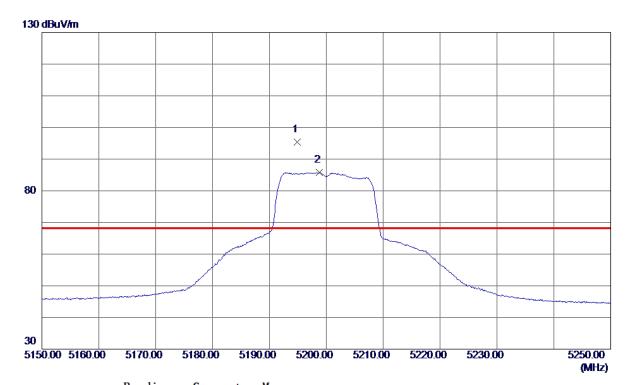
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5200MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5194.8500	78. 11	17. 23	95. 34	68.30	27.04	Peak	No Limit
2	5198. 7500	68. 54	17. 23	85. 77	999. 00	-913. 23	AVG	No Limit
	3130. 1300	00. 04	11.20	00. 11	333.00	310. 20	AVU	NO LIMIT

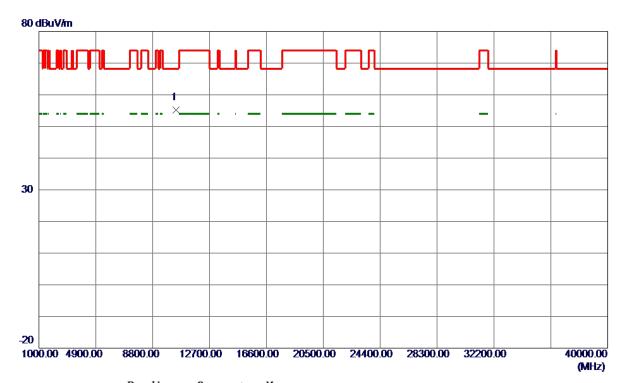
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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5200MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10406. 0500	41. 26	13. 97	55. 23	68. 30	-13.07	Peak	

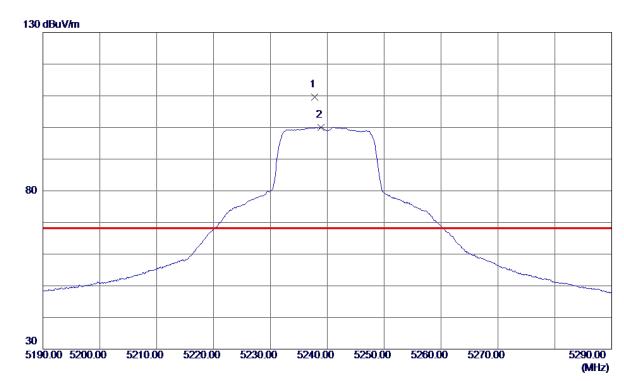
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

Vertical



No	-	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5237.7500	92.41	17. 28	109.69	68.30	41.39	Peak	No Limit
2		5238. 9000	82. 78	17. 29	100. 07	999.00	-898. 93	AVG	No Limit

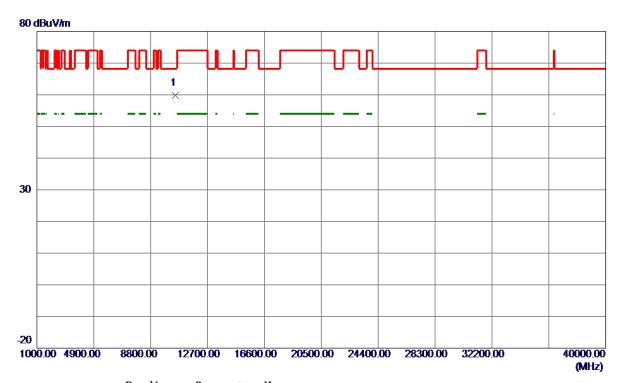
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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479. 5750	45. 69	14.05	59.74	68. 30	-8. 56	Peak	

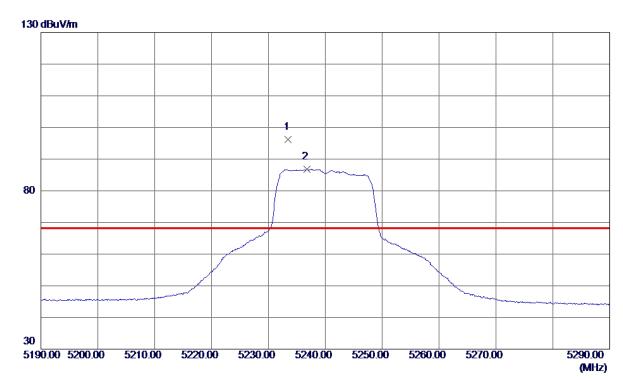
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX A Mode 5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5233. 5000	78. 84	17. 28	96. 12	68.30	27.82	Peak	No Limit
2	5236. 7500	69. 50	17. 28	86. 78	999.00	-912. 22	AVG	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX A Mode 5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10478. 0500	39. 50	14.05	53. 55	68. 30	-14.75	Peak	

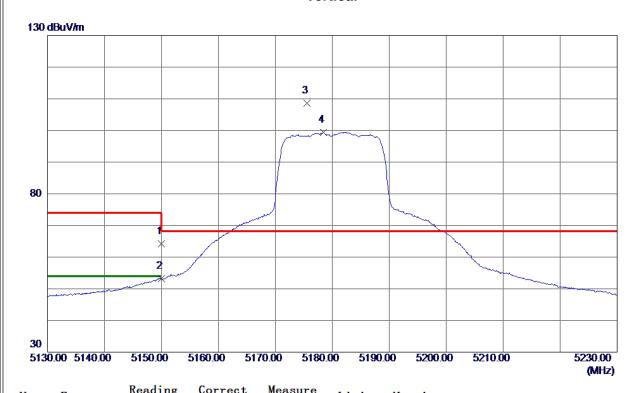
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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5180MHz

Vertical



No.	Freq.	Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	47.02	17. 17	64. 19	74.00	-9.81	Peak	
2	5150.0000	36. 03	17. 17	53. 20	54.00	-0.80	AVG	
3 *	5175. 5500	91. 47	17. 20	108.67	68.30	40.37	Peak	No Limit
4	5178. 4500	82. 24	17. 21	99. 45	999.00	-899. 55	AVG	No Limit

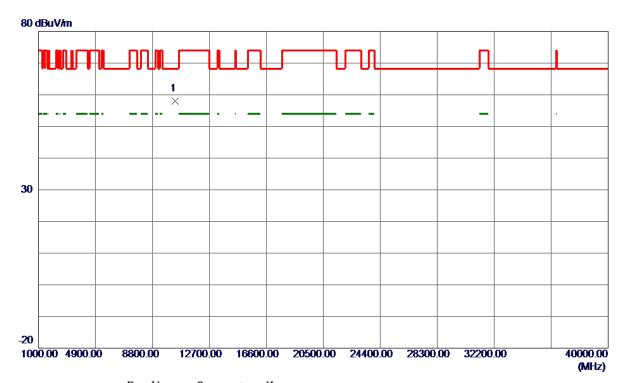
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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10357. 9000	44.02	13. 91	57. 93	68. 30	-10. 37	Peak	

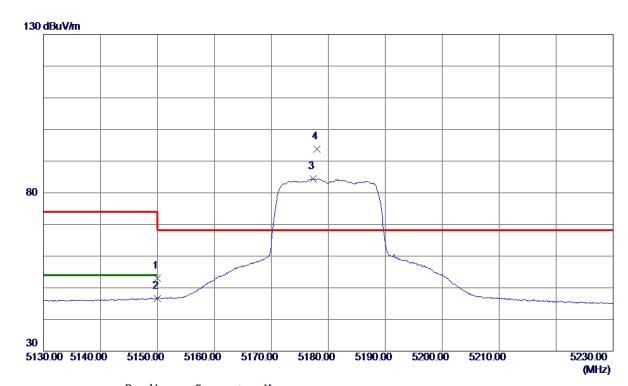
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	35. 84	17. 17	53. 01	74.00	-20.99	Peak	
2	5150.0000	29. 38	17. 17	46. 55	54.00	-7.45	AVG	
3	5177. 3500	67. 25	17. 21	84.46	999.00	-914.54	AVG	No Limit
4 *	5178. 0000	76. 62	17. 21	93. 83	68. 30	25. 53	Peak	No Limit

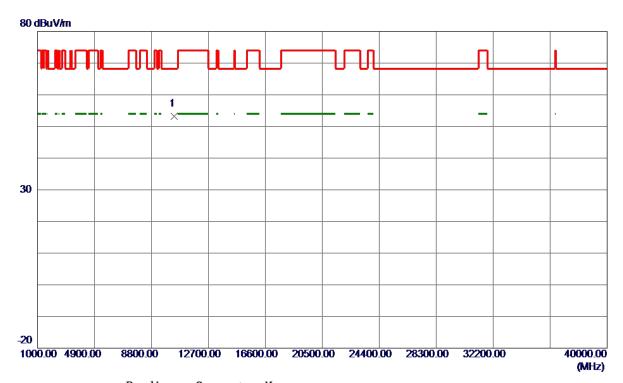
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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10358. 3500	39. 37	13. 91	53. 28	68. 30	-15. 02	Peak	

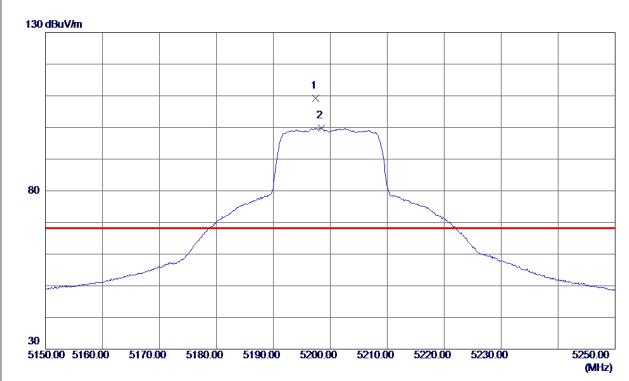
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5197.4500	91. 96	17. 23	109. 19	68.30	40.89	Peak	No Limit
2	5198. 4000	82. 61	17. 23	99. 84	999.00	-899. 16	AVG	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.0500	46. 01	13. 96	59. 97	68. 30	-8. 33	Peak	

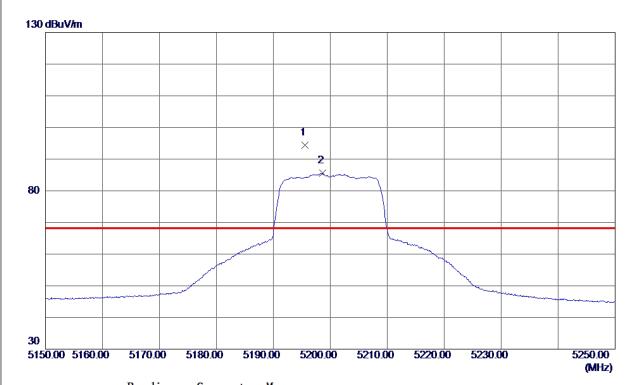
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5200MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5195. 5500	77. 15	17. 23	94. 38	68.30	26.08	Peak	No Limit
2	5198.6500	68. 33	17. 23	85. 56	999.00	-913.44	AVG	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5200MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10403. 0000	42.92	13. 96	56. 88	68. 30	-11.42	Peak	

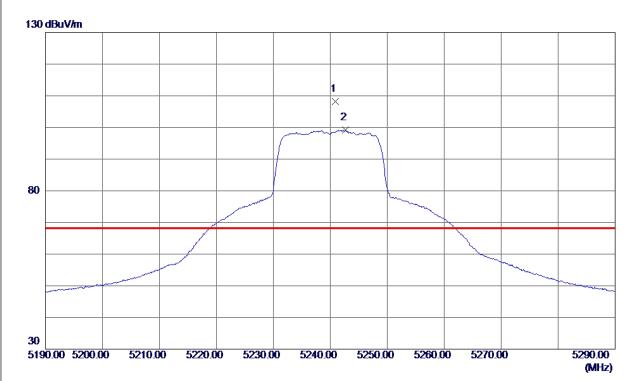
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5240.8500	90. 97	17. 29	108. 26	68. 30	39. 96	Peak	No Limit
2	5242. 7000	81. 85	17. 29	99. 14	999. 00	-899. 86	AVG	No Limit

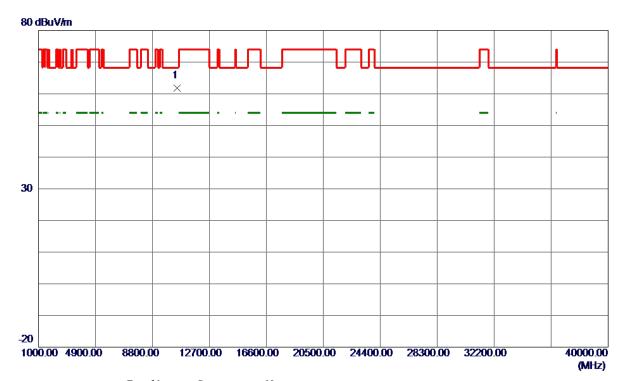
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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480. 7250	47.77	14.06	61.83	68.30	-6. 47	Peak	

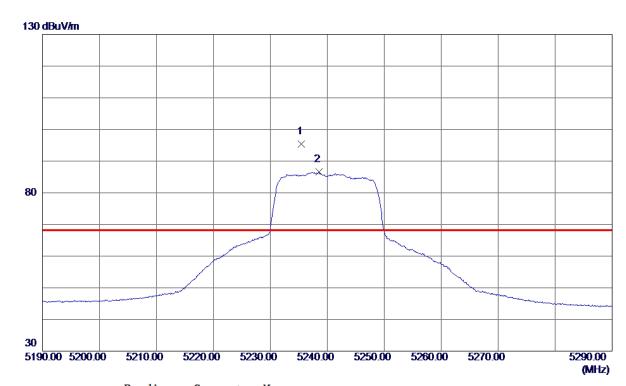
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N20 Mode 5240MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5235. 5000	78. 19	17. 28	95. 47	68.30	27. 17	Peak	No Limit
2	5238. 5500	69. 26	17. 29	86. 55	999.00	-912.45	AVG	No Limit

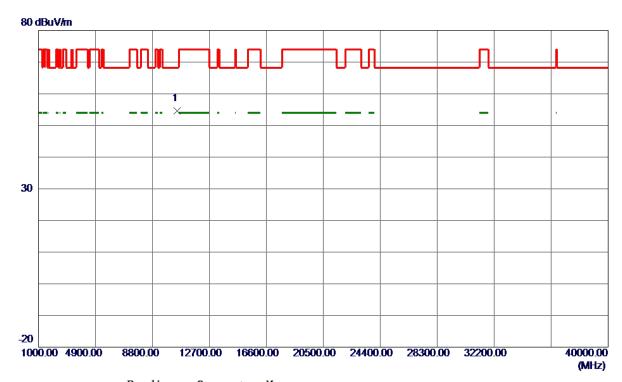
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Orthogonal Axis: X
Test Mode: UNII-1/ TX N20 Mode 5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10471. 0500	40. 56	14.04	54.60	68.30	-13.70	Peak	

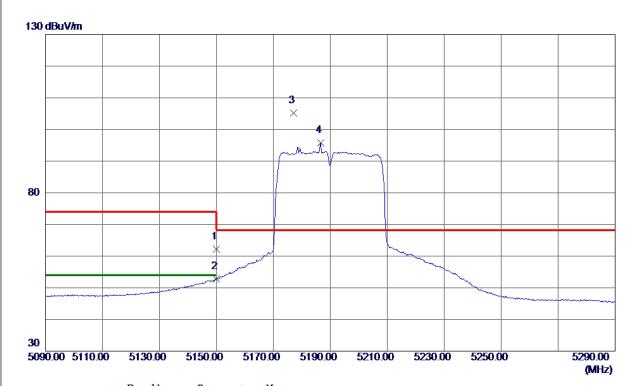
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	45.07	17. 17	62. 24	74.00	-11.76	Peak	
2	5150.0000	35. 61	17. 17	52. 78	54.00	-1.22	AVG	
3 *	5177. 2000	87. 90	17. 21	105. 11	68.30	36.81	Peak	No Limit
4	5186. 6000	78. 51	17. 22	95. 73	999.00	-903. 27	AVG	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N40 Mode 5190MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10378. 5500	35. 59	13. 93	49. 52	68. 30	-18.78	Peak	

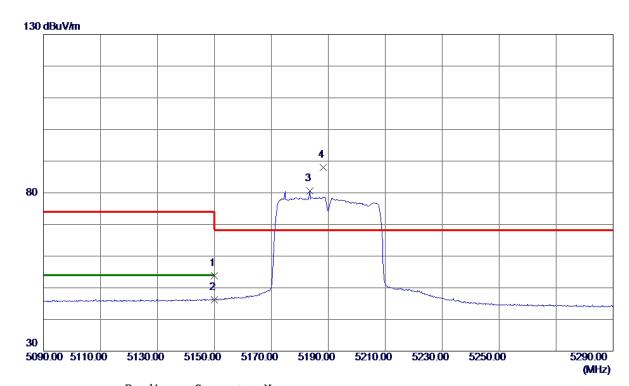
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5190MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	36. 57	17. 17	53.74	74.00	-20. 26	Peak	
2	5150.0000	29. 05	17. 17	46. 22	54.00	-7.78	AVG	
3	5183. 5000	63. 34	17. 21	80. 55	999.00	-918.45	AVG	No Limit
4 *	5188. 3000	70. 78	17. 22	88. 00	68. 30	19.70	Peak	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N40 Mode 5190MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10373. 6000	31. 90	13. 93	45. 83	68.30	-22.47	Peak	

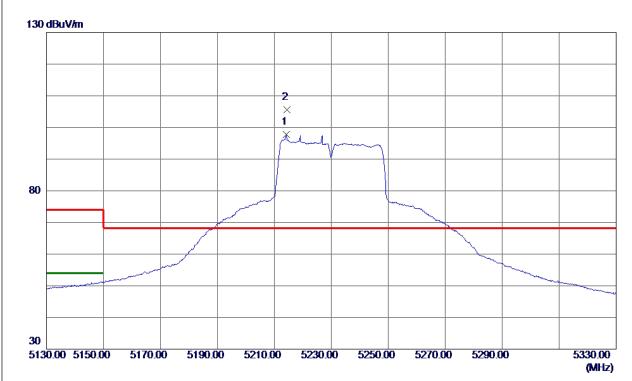
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5214. 3000	80.64	17. 25	97.89	999.00	-901.11	AVG	No Limit
2 *	5214. 4000	88. 31	17. 25	105. 56	68. 30	37. 26	Peak	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N40 Mode 5230MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10469. 3500	43. 28	14.04	57. 32	68. 30	-10.98	Peak	

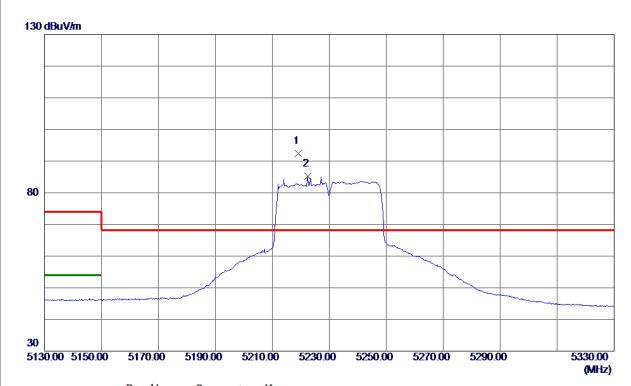
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX N40 Mode 5230MHz

Horizontal



		Level	Factor	ment	Limit	Margin		
M	ИНz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 * 5	5219. 2000	75. 21	17. 26	92. 47	68.30	24. 17	Peak	No Limit
2 5	5222. 5000	67. 86	17. 26	85. 12	999.00	-913.88	AVG	No Limit

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Orthogonal Axis: X
Test Mode: UNII-1/ TX N40 Mode 5230MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10452.6000	36. 72	14.02	50.74	68. 30	-17. 56	Peak	

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Vertical 130.0 dBuV/m 120 š 110 100 90 80 70 60 **5**0 40 30.0 5795.00 MHz 5695.000 5705.00 5715.00 5725.00 5735.00 5745.00 5755.00 5765.00 5775.00

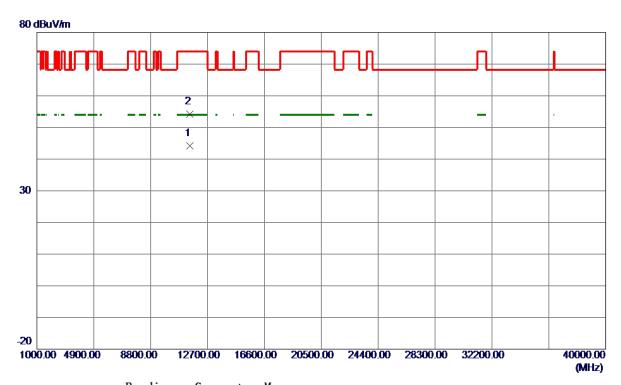
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5715.000	45.98	18.01	63.99	109.40	-45.41	peak	
2		5725.000	59.87	18.02	77.89	122.20	-44.31	peak	
3	*	5743.900	93.44	18.06	111.50	122.20	-10.70	peak	

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Vertical

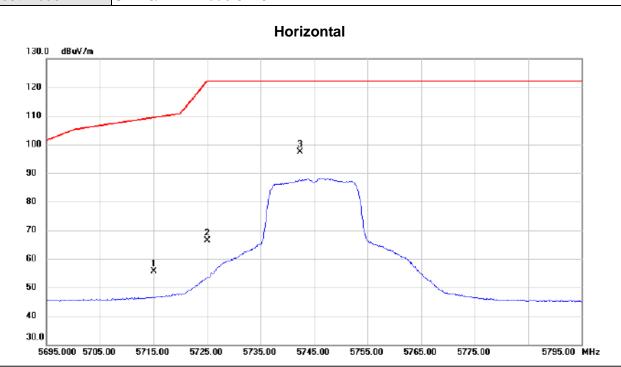


No.	Freq.	Level	Factor	Measure ment	Limit	Margin		
l	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11487. 7500	29. 09	15. 19	44. 28	54.00	-9.72	AVG	
2	11490. 8000	39. 03	15. 20	54. 23	74.00	-19.77	Peak	

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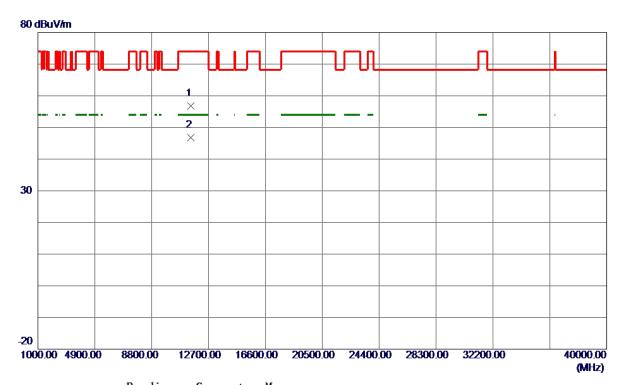
	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin				
_			MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	Comment		
_	1		5715.000	37.68	18.01	55.69	109.40	-53.71	peak			
-	2		5725.000	48.33	18.02	66.35	122.20	-55.85	peak			
_	3	*	5742.450	79.34	18.05	97.39	122.20	-24.81	peak			

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Horizontal



MHz dBuV/m dB dBuV/m dBuV/m dB Detector Co	
	omment
1 11488.8000 41.55 15.19 56.74 74.00 -17.26 Peak	
2 * 11491. 2500 31. 57 15. 20 46. 77 54. 00 -7. 23 AVG	

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30.0

5735.000 5745.00

5755.00

5765.00



5835.00 MHz

5815.00

Orthogonal Axis: X
Test Mode: UNII-3/TX A Mode 5785MHz

Vertical 130.0 dBw//n 120 110 90 80 70 60 50

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	5782.350	92.73	18.12	110.85	122.20	-11.35	peak		

5785.00

5795.00

58**0**5.**0**0

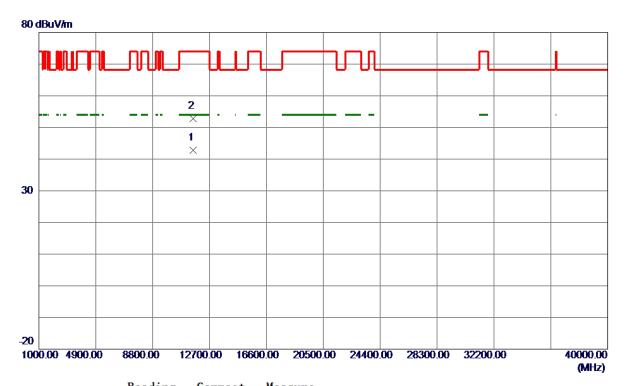
5775.00

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Vertical

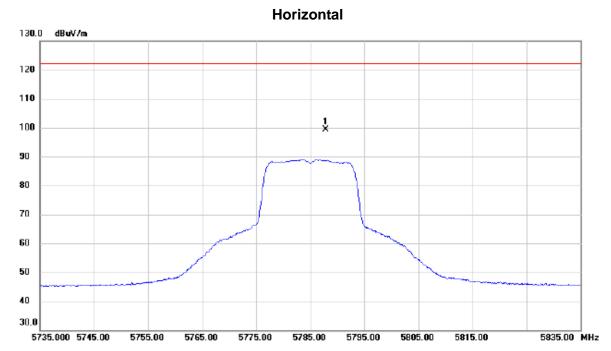


No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11571.8500	27. 55	15. 30	42.85	54.00	-11. 15	AVG	
2	11573.6500	37. 54	15. 30	52. 84	74.00	-21. 16	Peak	

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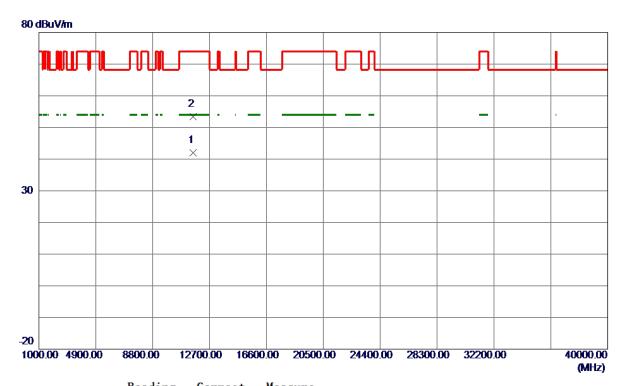
	No. Mi	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
Ī		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
	1 *	5787.800	81.21	18.14	99.35	122.20	-22.85	peak		

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Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11567. 4500	26. 68	15. 29	41.97	54.00	-12.03	AVG	
2	11568. 0500	38. 04	15. 29	53. 33	74.00	-20.67	Peak	

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Vertical 130.0 dBuV/m 1 X 110 100 90 80 70 $\overset{3}{\times}$ 60 50 40 30.0 5775.000 5785.00 5795.00 5805.00 5815.00 5825.00 5835.00 5845.00 5855.00 5875.00 MHz

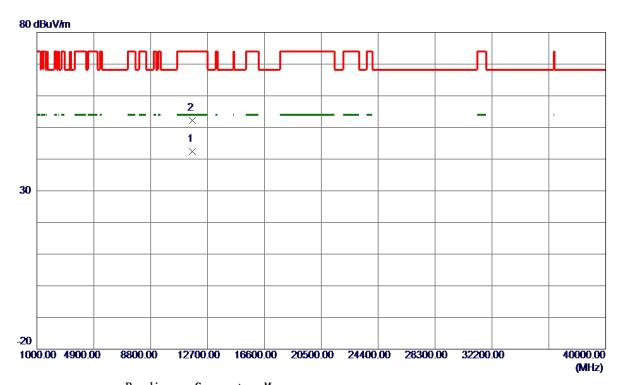
	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
_			MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	Comment
_	1	*	5827.800	92.43	18.20	110.63	122.20	-11.57	peak	
-	2		5850.000	50.71	18.24	68.95	122.20	-53.25	peak	
_	3		5860.000	44.37	18.25	62.62	109.40	-46.78	peak	

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Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11651. 2500	27. 10	15. 39	42.49	54.00	-11.51	AVG	
2	11656. 0000	36. 74	15. 40	52. 14	74.00	-21.86	Peak	

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5775.000 5785.00

5795.00

5805.00

5815.00



Orthogonal Axis: X
Test Mode: UNII-3/TX A Mode 5825MHz

Horizontal 130.0 dBuV/m 120 110 100 90 80 70 60 50 40 30.0

	No. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin			
		MHz	dBu∀	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
•	1 *	5825.900	78.41	18.20	96.61	122.20	-25.59	peak		
•	2	5850.000	37.06	18.24	55.30	122.20	-66.90	peak		
	3	5860.000	36.45	18.25	54.70	109.40	-54.70	peak		

5825.00

5835.00

5845.00

5855.00

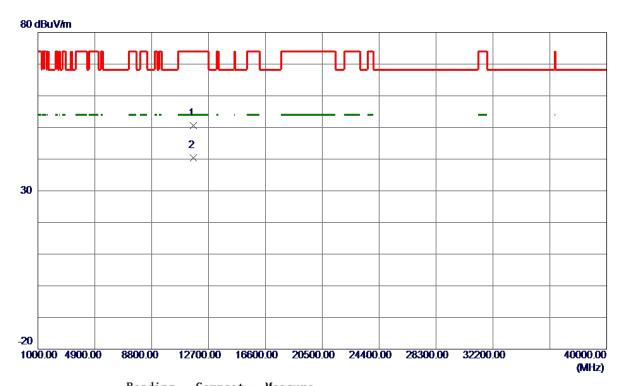
5875.00 MHz

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Horizontal



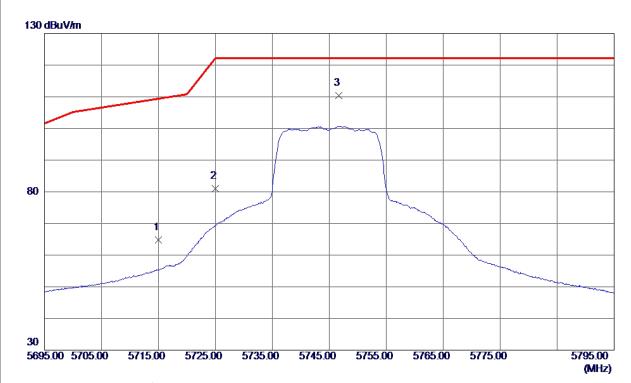
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11651.6000	35. 27	15. 39	50.66	74.00	-23. 34	Peak	
2 *	11651.6500	24. 95	15. 39	40. 34	54.00	-13.66	AVG	

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Vertical



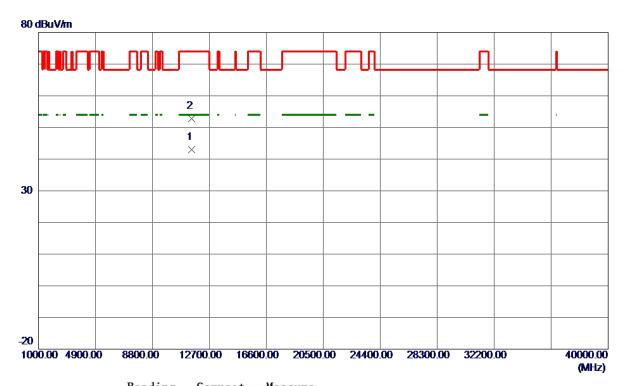
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	46.71	18.00	64.71	109.40	-44. 69	Peak	
2	5725. 0000	62. 94	18. 02	80. 96	122. 20	-41. 24	Peak	
3 *	5746. 7000	92. 31	18.06	110. 37	122. 20	-11.83	Peak	

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Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11488. 2500	27.83	15. 19	43.02	54.00	-10.98	AVG	
2	11496. 6000	37. 68	15. 20	52. 88	74.00	-21. 12	Peak	

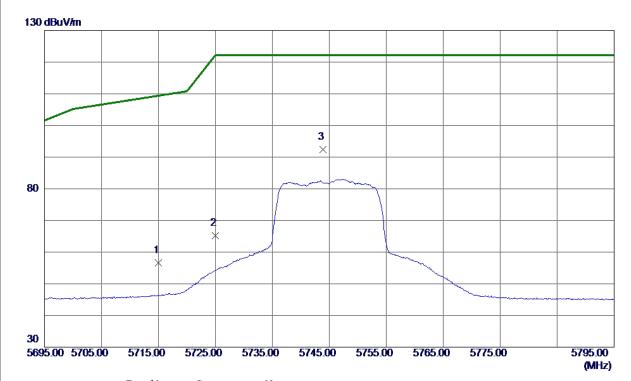
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	38. 67	18.00	56. 67	109.40	-52. 73	Peak	
2	5725. 0000	47. 20	18. 02	65. 22	122. 20	-56. 98	Peak	
3 *	5743. 9000	74. 33	18. 0 5	92. 38	122. 20	-29.82	Peak	

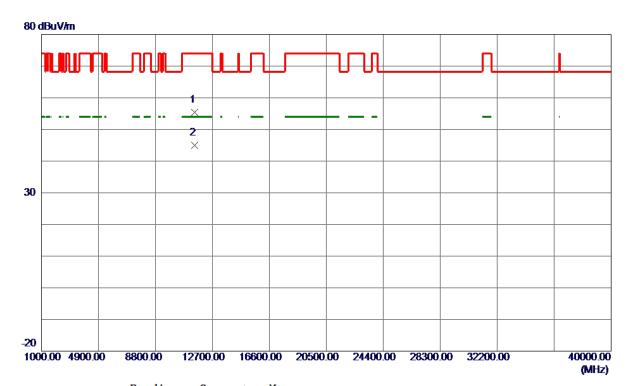
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5745MHz

Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11486. 4000	40. 22	15. 19	55. 41	74.00	-18. 59	Peak	
2 *	11488. 7500	29. 79	15. 19	44. 98	54.00	-9. 02	AVG	

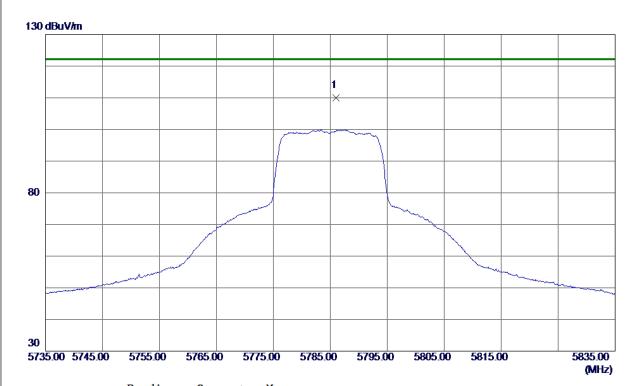
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Vertical



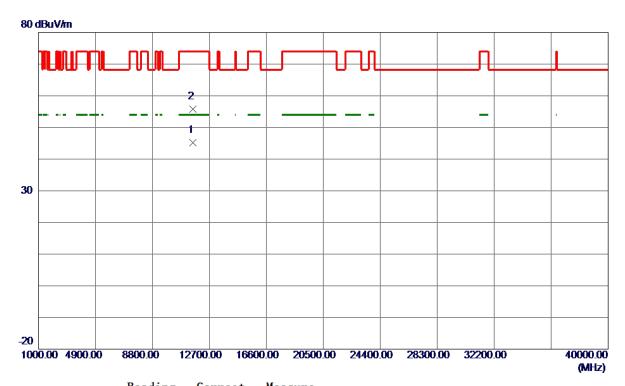
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5786. 0500	91.82	18. 13	109. 95	122. 20	-12. 25	Peak	

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Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11568.7500	29. 91	15. 29	45. 20	54.00	-8.80	AVG	
2	11570. 4000	40. 56	15. 30	55. 86	74.00	-18. 14	Peak	

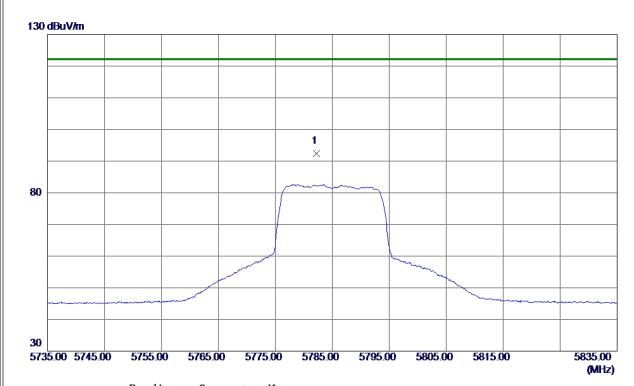
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5785MHz

Horizontal



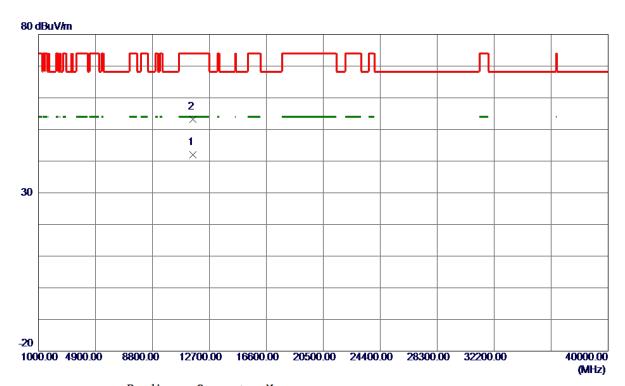
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5782. 2000	74. 35	18. 12	92. 47	122. 20	-29.73	Peak	

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Horizontal



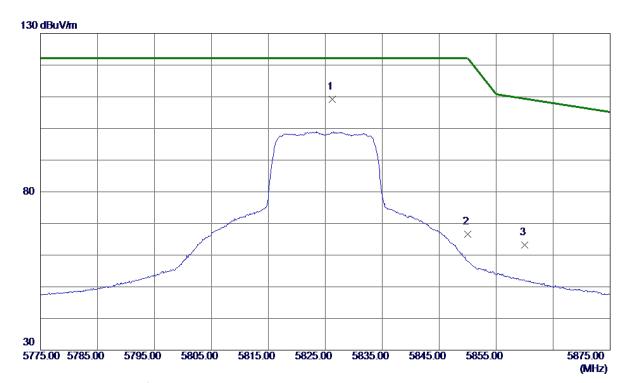
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11564. 4000	26. 64	15. 29	41. 93	54.00	-12. 07	AVG	
2	11564. 9000	37. 93	15. 29	53. 22	74.00	-20. 78	Peak	

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Vertical



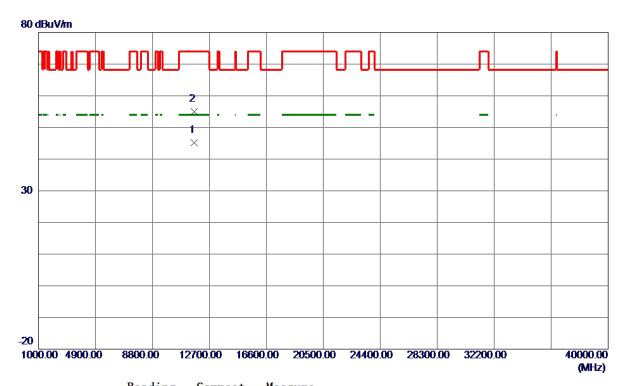
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5826. 2000	90. 93	18. 20	109. 13	122. 20	-13.07	Peak	
2	5850.0000	48. 37	18. 24	66. 61	122. 20	-55. 59	Peak	
3	5860. 0000	44.95	18. 26	63. 21	109.40	-46. 19	Peak	

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Vertical



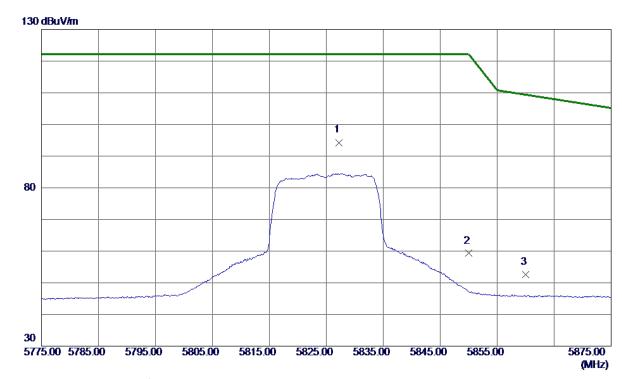
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11649. 1000	29.84	15. 39	45. 23	54.00	-8. 77	AVG	
2	11649. 6500	39. 60	15. 39	54. 99	74.00	-19. 01	Peak	

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Horizontal



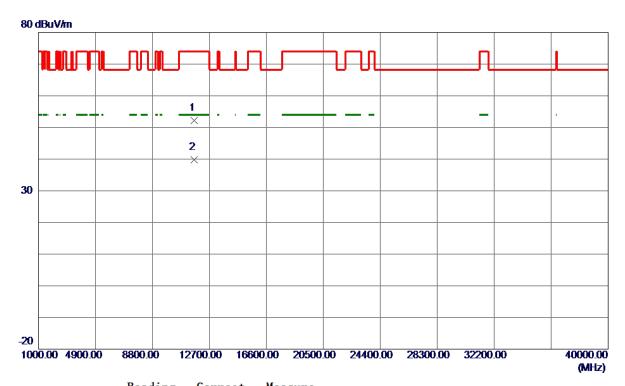
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5827. 2500	76. 10	18. 20	94. 30	122. 20	-27.90	Peak	
2	5850.0000	41.06	18. 24	59. 30	122. 20	-62. 90	Peak	
3	5860.0000	34. 39	18. 26	52.65	109.40	-56.75	Peak	

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Horizontal



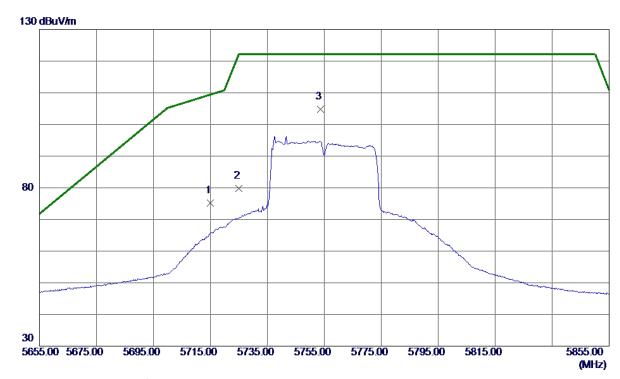
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11652.6500	36.71	15. 40	52. 11	74.00	-21.89	Peak	
2 *	11653. 9500	24. 36	15. 40	39. 76	54.00	-14. 24	AVG	

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Vertical



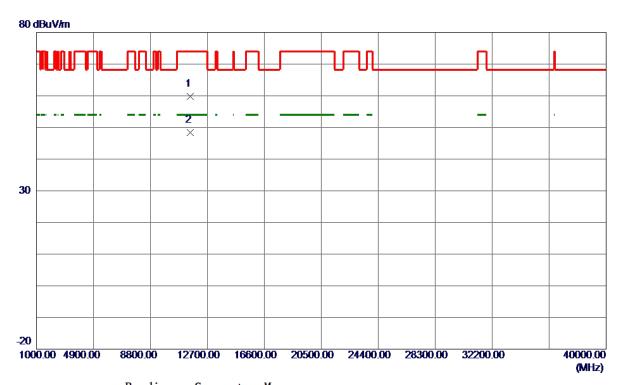
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	57. 29	18.00	75. 29	109.40	-34. 11	Peak	
2	5725. 0000	61.72	18. 02	79.74	122. 20	-42.46	Peak	
3 *	5753. 7000	86. 79	18. 07	104.86	122. 20	-17.34	Peak	

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Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11514.8000	44. 59	15. 23	59.82	74.00	-14. 18	Peak	
2 *	11516. 2000	33. 17	15. 23	48. 40	54.00	-5. 60	AVG	

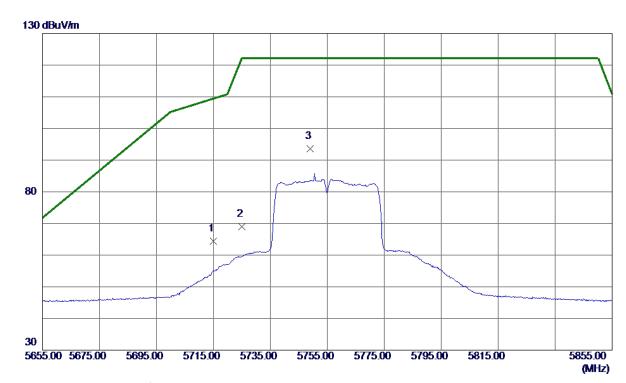
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5755MHz

Horizontal



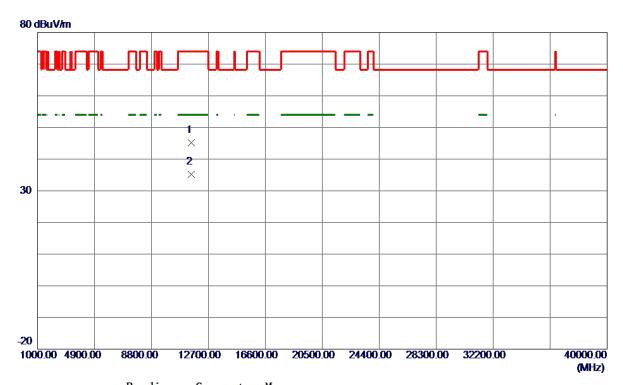
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	46. 42	18.00	64.42	109.40	-44. 98	Peak	
2	5725. 0000	51.04	18. 02	69.06	122. 20	-53. 14	Peak	
3 *	5749. 0000	75. 45	18.06	93. 51	122. 20	-28.69	Peak	

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Horizontal



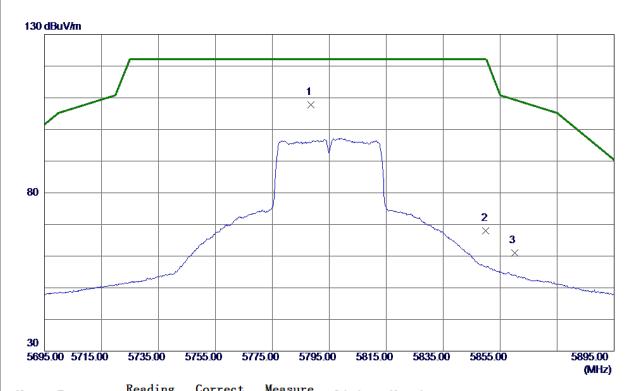
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11513.7000	30. 01	15. 23	45. 24	74.00	-28.76	Peak	
2 *	11528. 2000	19. 90	15. 24	35. 14	54.00	-18.86	AVG	

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Vertical



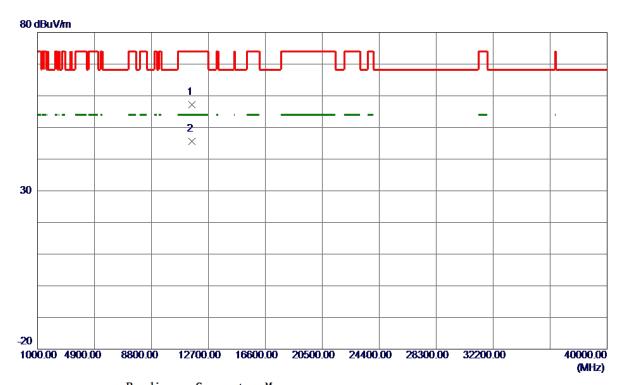
No.	Freq.	Keading Level	Factor	measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5788. 5000	89. 59	18. 13	107.72	122. 20	-14.48	Peak	
2	5850.0000	49.69	18. 24	67. 93	122. 20	-54. 27	Peak	
3	5860.0000	42.75	18. 26	61. 01	109. 40	-48. 39	Peak	

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Vertical



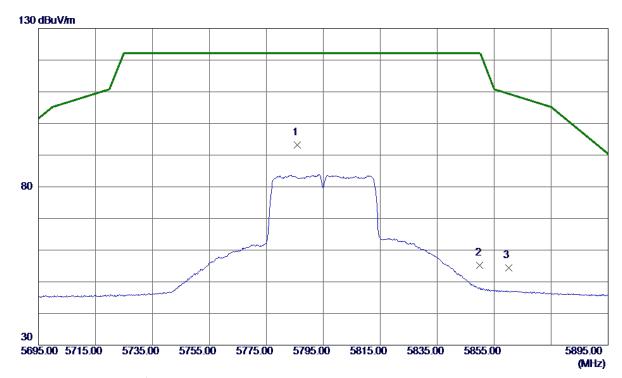
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11593. 5000	41.83	15. 32	57. 15	74.00	-16.85	Peak	
2 *	11593. 6200	30. 27	15. 32	45. 59	54.00	-8.41	AVG	

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5785. 9000	75. 06	18. 13	93. 19	122. 20	-29.01	Peak	
2	5850.0000	36. 97	18. 24	55. 21	122. 20	-66. 99	Peak	
3	5860.0000	36. 19	18. 26	54.45	109.40	-54. 95	Peak	

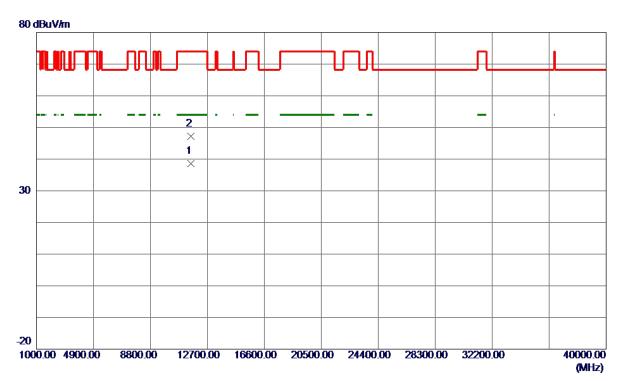
Report No.: BTL-FCCP-2-1804C131 Page 119 of 234





Orthogonal Axis:	X
Test Mode:	UNII-3/TX N40 Mode 5795MHz

Horizontal



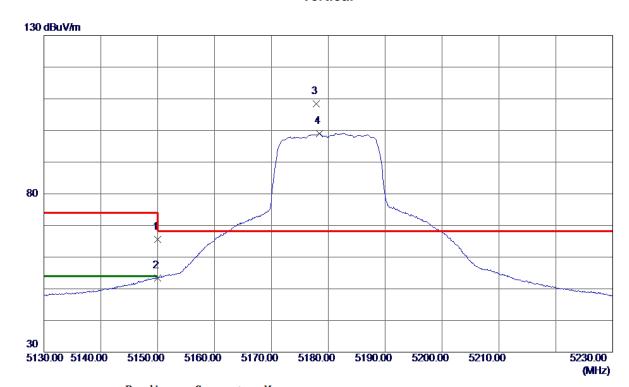
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590. 1000	23. 32	15. 32	38. 64	54.00	-15. 36	AVG	
2	11594. 6000	31.80	15. 33	47. 13	74.00	-26. 87	Peak	

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Vertical



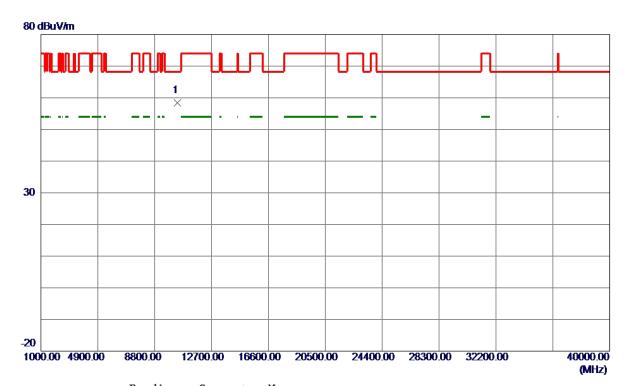
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	48. 50	17. 17	65. 67	74.00	-8. 33	Peak	
2	5150.0000	36. 26	17. 17	53. 43	54.00	-0. 57	AVG	
3 *	5177.8500	91. 25	17. 21	108.46	68.30	40. 16	Peak	No Limit
4	5178. 4000	81. 87	17. 21	99. 08	999.00	-899. 92	AVG	No Limit

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Vertical



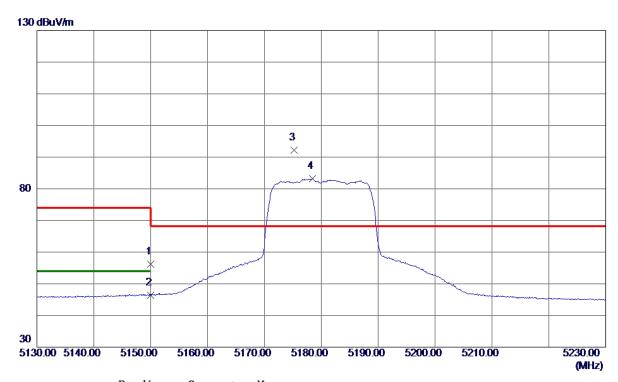
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10363. 6000	44. 51	13. 91	58. 42	68. 30	-9.88	Peak	

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	39. 03	17. 17	56. 20	74.00	-17.80	Peak	
2	5150.0000	29. 31	17. 17	46. 48	54.00	-7. 52	AVG	
3 *	5175. 2500	74. 92	17. 20	92. 12	68.30	23.82	Peak	No Limit
4	5178. 4500	65. 99	17. 21	83. 20	999.00	-915. 80	AVG	No Limit

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10359. 0000	41. 22	13. 91	55. 13	68. 30	-13. 17	Peak	

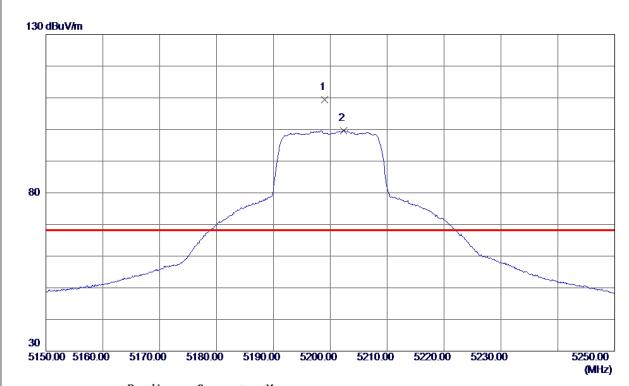
Report No.: BTL-FCCP-2-1804C131 Page 124 of 234





Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5200MHz

Vertical



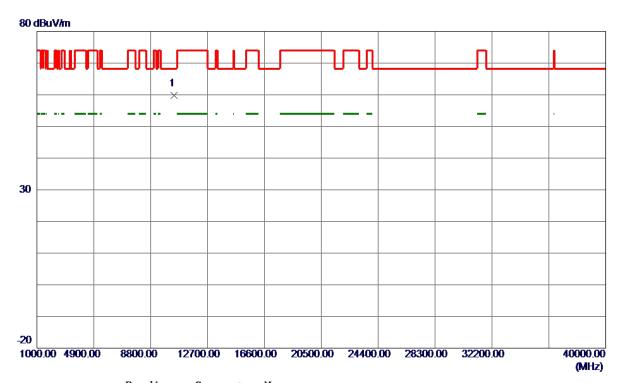
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5199.0000	92. 23	17. 23	109.46	68.30	41. 16	Peak	No Limit
2	5202. 3500	82. 44	17. 24	99. 68	999. 00	-899. 32	AVG	No Limit

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Vertical



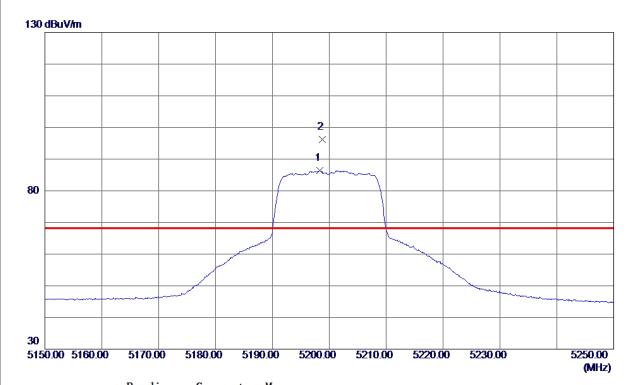
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401. 0250	45.74	13. 96	59.70	68. 30	-8. 60	Peak	

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Horizontal



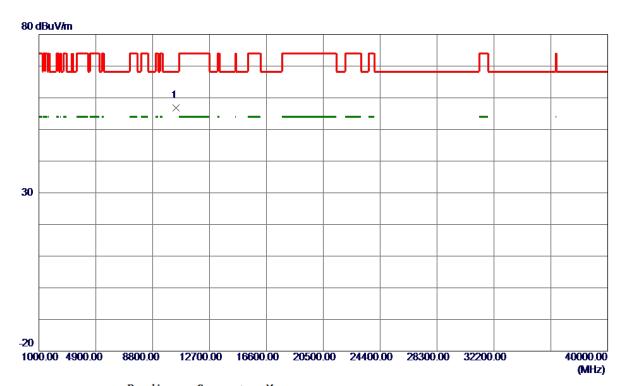
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5198. 3500	69. 18	17. 23	86.41	999.00	-912. 59	AVG	No Limit
2 *	5198. 8000	79. 04	17. 23	96. 27	68. 30	27. 97	Peak	No Limit
	0100.000					2		

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10401. 0500	42.80	13. 96	56. 76	68. 30	-11.54	Peak	

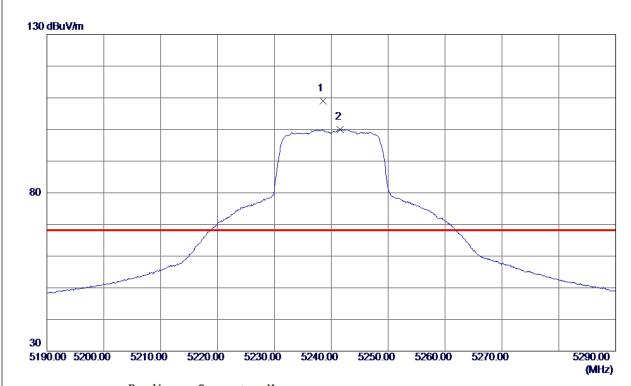
Report No.: BTL-FCCP-2-1804C131 Page 128 of 234





Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5240MHz

Vertical



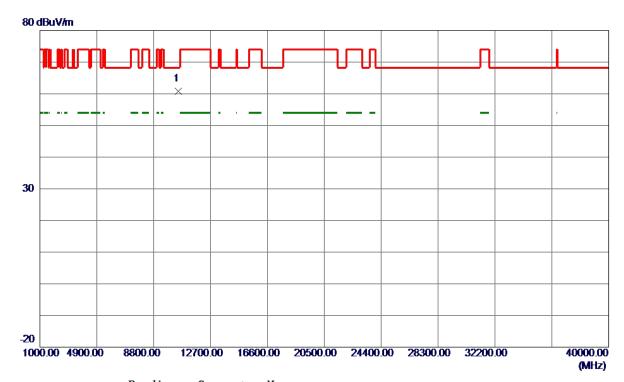
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5238. 5000	91. 73	17. 29	109. 02	68.30	40.72	Peak	No Limit
2	5241.6000	82. 68	17. 29	99. 97	999. 00	-899. 03	AVG	No Limit

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Vertical



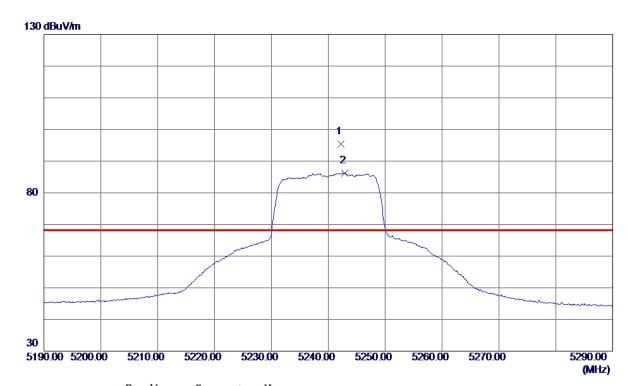
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10475. 9500	46. 79	14.05	60.84	68. 30	-7.46	Peak	

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Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5242. 2000	78.05	17. 29	95. 34	68.30	27.04	Peak	No Limit
2	5242. 8500	68. 88	17. 29	86. 17	999. 00	-912.83	AVG	No Limit

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10477. 4000	41. 29	14.05	55. 34	68. 30	-12.96	Peak	

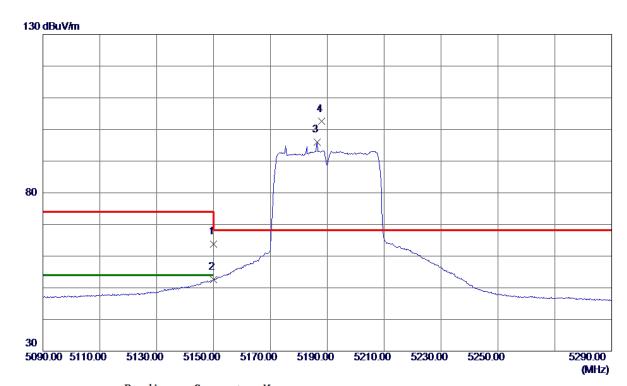
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46. 56	17. 17	63.73	74.00	-10. 27	Peak	
2	5150.0000	35. 43	17. 17	52.60	54.00	-1.40	AVG	
3	5186. 5000	78. 78	17. 22	96.00	999.00	-903.00	AVG	No Limit
4 *	5187. 9000	85. 28	17. 22	102. 50	68. 30	34. 20	Peak	No Limit

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Vertical



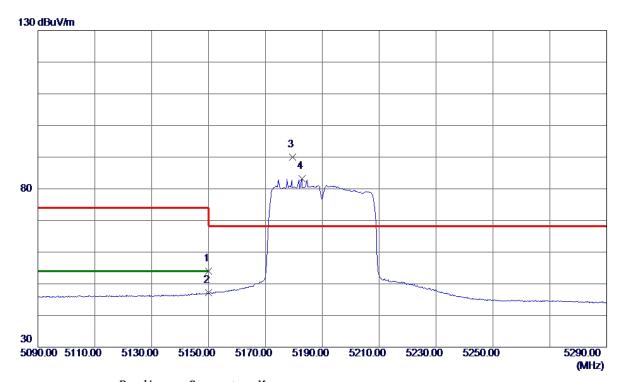
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10383. 7000	34. 67	13. 94	48. 61	68. 30	-19.69	Peak	

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	36. 83	17. 17	54.00	74.00	-20.00	Peak	
2	5150.0000	30.04	17. 17	47. 21	54.00	-6. 79	AVG	
3 *	5179.6000	72. 76	17. 21	89. 97	68.30	21.67	Peak	No Limit
4	5182.8000	65. 99	17. 21	83. 20	999.00	-915. 80	AVG	No Limit

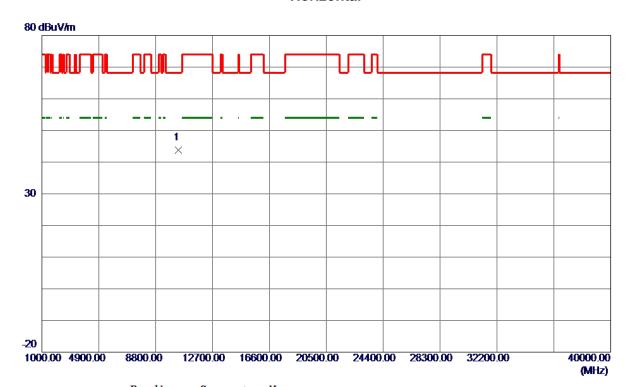
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5190MHz

Horizontal



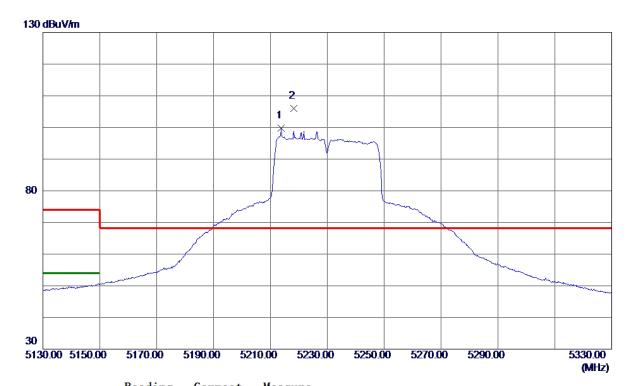
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10376. 8000	29. 94	13. 93	43.87	68. 30	-24.43	Peak	

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Vertical



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5213.8000	82.48	17. 25	99.73	999.00	-899. 27	AVG	No Limit
2 *	5218. 3000	88. 74	17. 26	106. 00	68. 30	37.70	Peak	No Limit

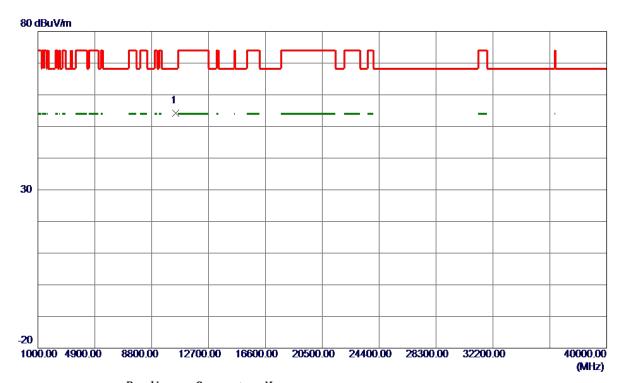
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10458. 1000	40. 22	14. 03	54. 25	68. 30	-14.05	Peak	

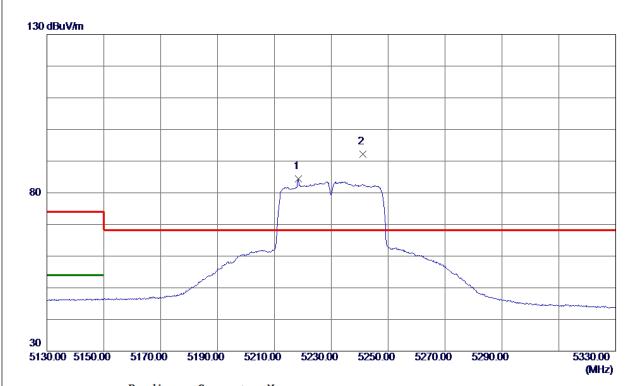
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Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC40 Mode 5230MHz

Horizontal



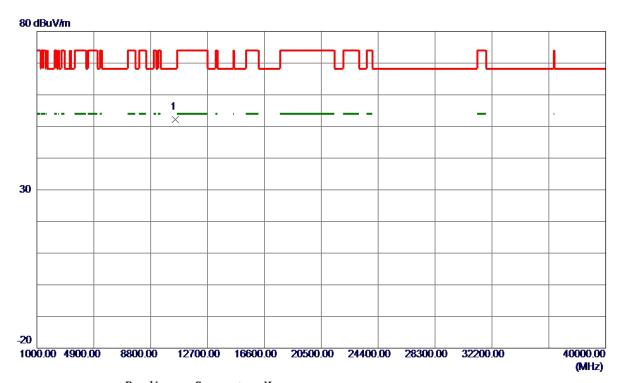
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5218. 4000	67. 17	17. 26	84.43	999.00	-914.57	AVG	No Limit
2 *	5241. 2000	74.82	17. 29	92. 11	68.30	23.81	Peak	No Limit

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Horizontal



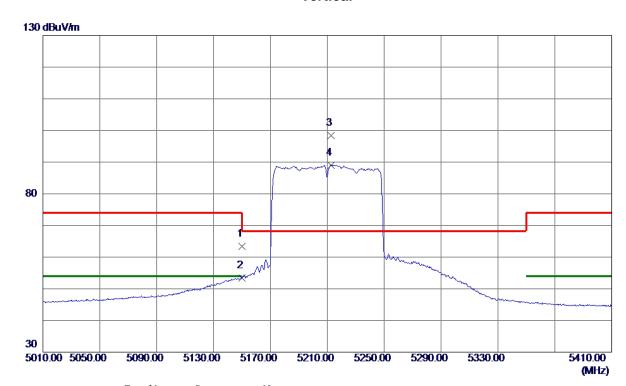
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10470. 3500	38. 07	14.04	52. 11	68. 30	-16. 19	Peak	

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Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	46. 22	17. 17	63. 39	74.00	-10.61	Peak	
2	5150.0000	36. 22	17. 17	53. 39	54.00	-0.61	AVG	
3 *	5212.6000	81. 14	17. 25	98. 39	68.30	30.09	Peak	No Limit
4	5212. 8000	71.85	17. 25	89. 10	999.00	-909. 90	AVG	No Limit

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Vertical



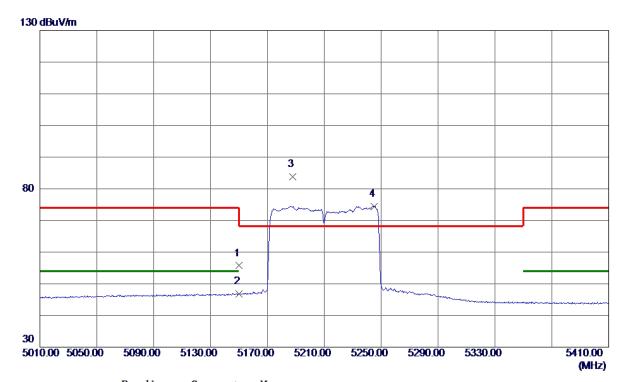
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10441. 1000	34.94	14. 01	48. 95	68.30	-19. 35	Peak	

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Horizontal



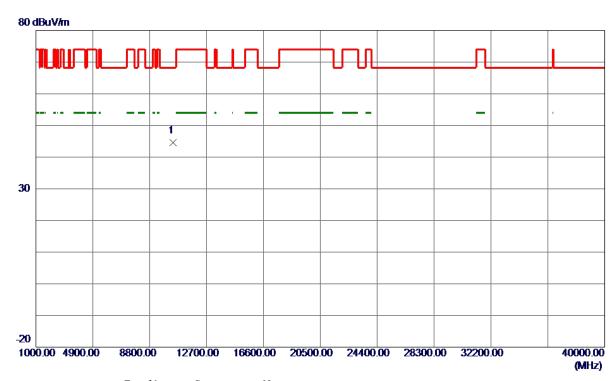
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	38. 53	17. 17	55. 70	74.00	-18. 30	Peak	
2	5150.0000	29. 60	17. 17	46.77	54.00	-7. 23	AVG	
3 *	5187.6000	66. 59	17. 22	83. 81	68.30	15. 51	Peak	No Limit
4	5245. 2000	57. 20	17. 29	74. 49	999.00	-924. 51	AVG	No Limit

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Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420. 9000	30. 52	13. 98	44. 50	68. 30	-23.80	Peak	

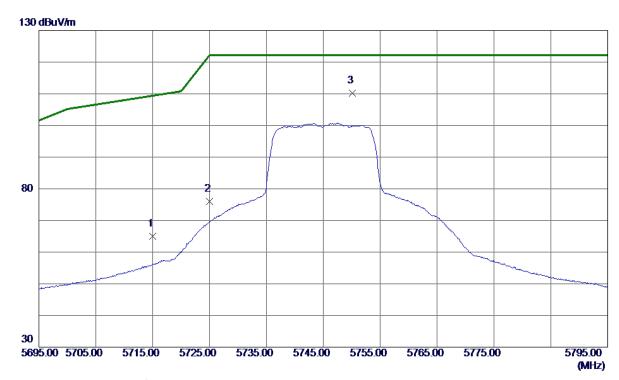
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5745MHz

Vertical



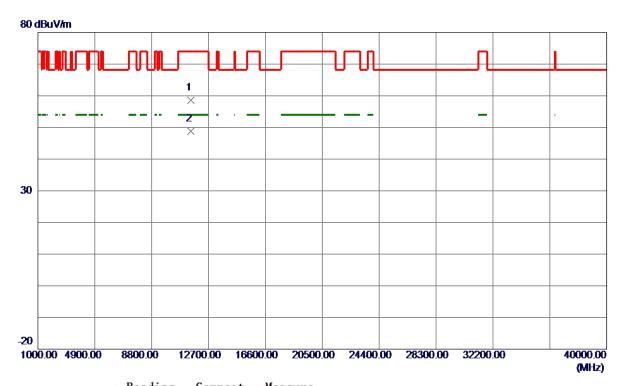
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	47.09	18.00	65. 09	109.40	-44.31	Peak	
2	5725. 0000	58. 0 2	18. 02	76. 04	122. 20	-46. 16	Peak	
3 *	5750. 1500	92. 11	18. 07	110. 18	122. 20	-12.02	Peak	

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Vertical



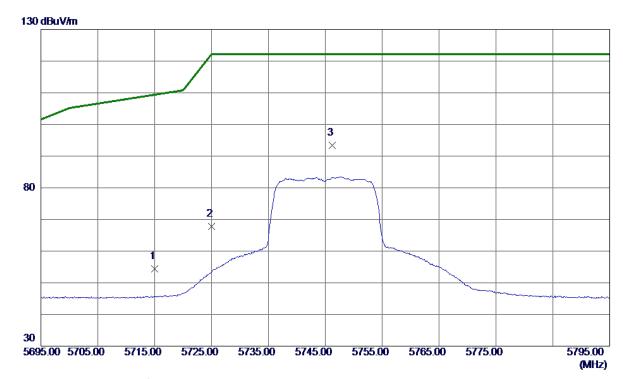
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11485. 2500	43. 33	15. 19	58. 52	74.00	-15.48	Peak	
2 *	11490. 5000	33. 51	15. 20	48.71	54.00	-5. 29	AVG	

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Horizontal



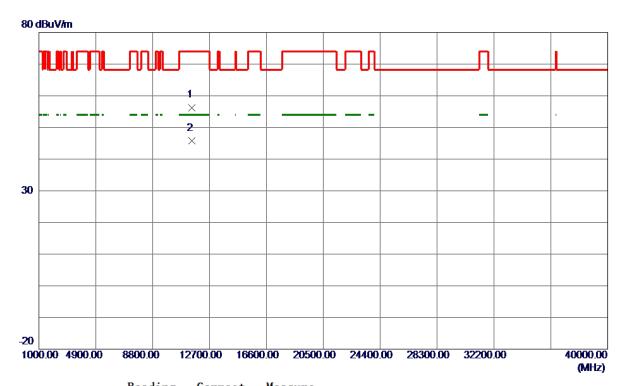
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	36. 31	18.00	54. 31	109.40	-55. 09	Peak	
2	5725. 0000	49.74	18. 02	67.76	122. 20	-54.44	Peak	
3 *	5746. 2000	75. 30	18. 06	93. 36	122. 20	-28.84	Peak	

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Horizontal



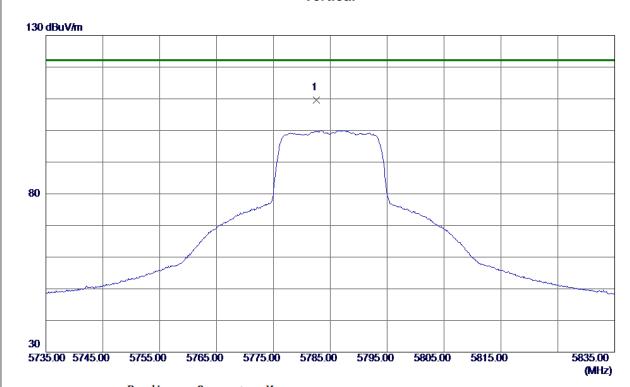
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11488. 0000	41. 11	15. 19	56. 30	74.00	-17.70	Peak	
2 *	11488. 1000	30. 52	15. 19	45.71	54.00	-8. 29	AVG	

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Vertical



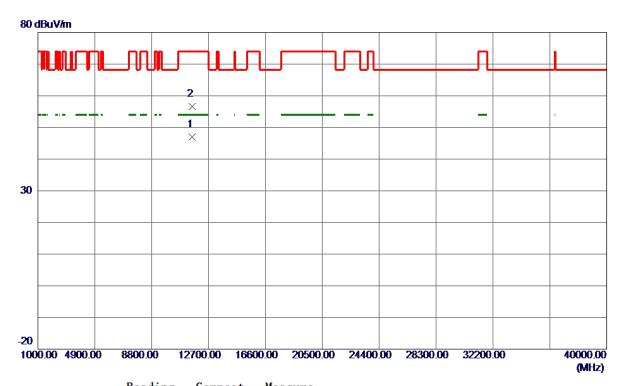
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5782. 5500	91.42	18. 12	109. 54	122. 20	-12.66	Peak	

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Vertical



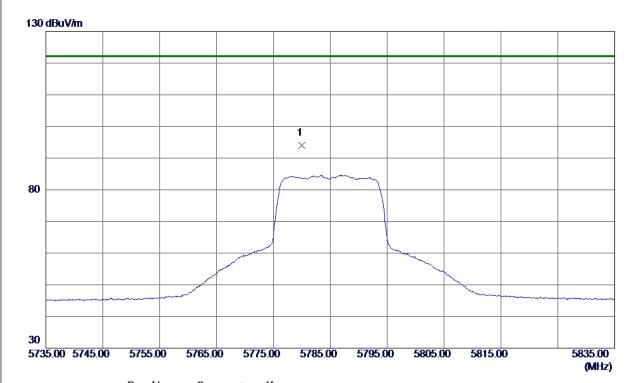
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11569. 3500	31. 68	15. 29	46. 97	54.00	-7.03	AVG	
2	11570. 8000	41. 24	15. 30	56. 54	74.00	-17.46	Peak	

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Horizontal



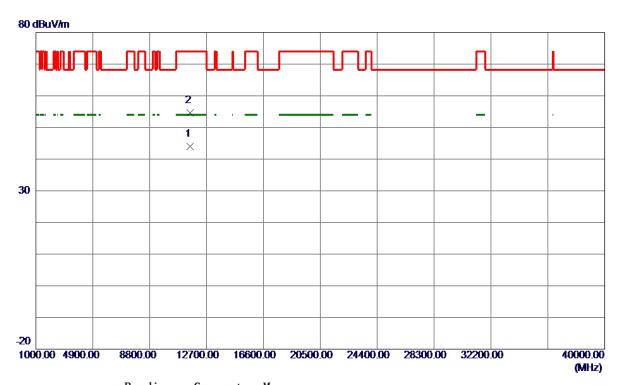
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5780. 0500	75. 90	18. 12	94. 02	122. 20	-28. 18	Peak	

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Horizontal



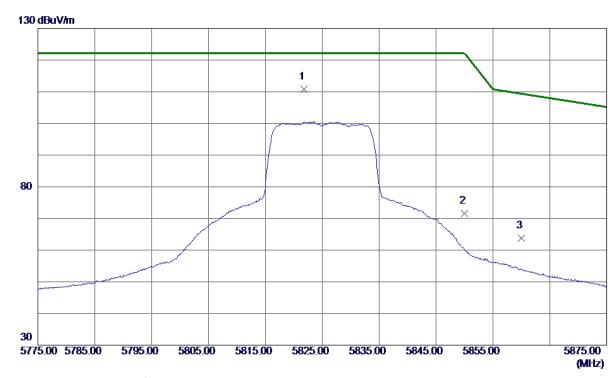
1 * 11568.8500 28.68 15.29 43.97 54.00 -10.03 AVG				Margin	Limit	Measure ment	Correct Factor	Keading Level	Freq.	No.
	;	Comment	Detector	dB	dBuV/m	dBuV/m	dB	dBuV/m	MHz	
2 11500 0000 20 22 15 20 54 62 74 00 10 20 D1-			AVG	-10.03	54.00	43. 97	15. 29	28.68	11568. 8500	1 *
Z 11509. 9000 59. 5Z 15. 50 54. 6Z 74. 00 -19. 56 Feak			Peak	-19. 38	74.00	54.62	15. 30	39. 32	11569. 9000	2

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Vertical



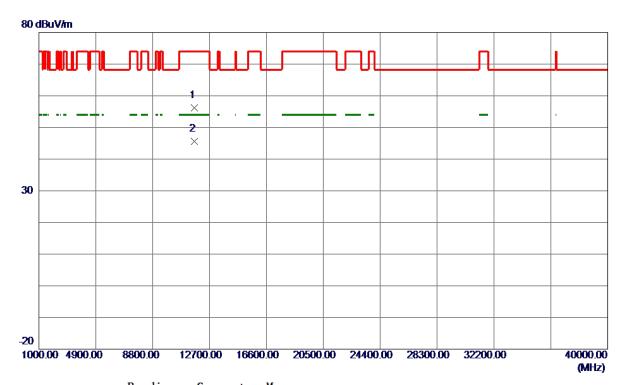
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5821.8000	92. 57	18. 19	110.76	122. 20	-11.44	Peak	
2	5850.0000	53.41	18. 24	71.65	122. 20	-50. 55	Peak	
3	5860.0000	45. 46	18. 26	63.72	109.40	-45.68	Peak	

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Vertical



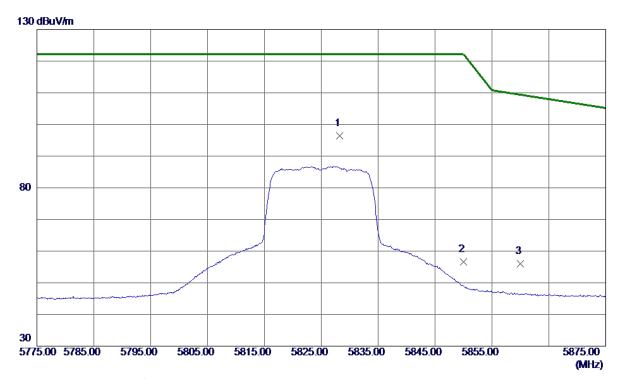
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11647.5500	40.84	15. 39	56. 23	74.00	-17.77	Peak	
2 *	11648. 9500	30. 16	15. 39	45. 55	54.00	-8. 45	AVG	

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Horizontal



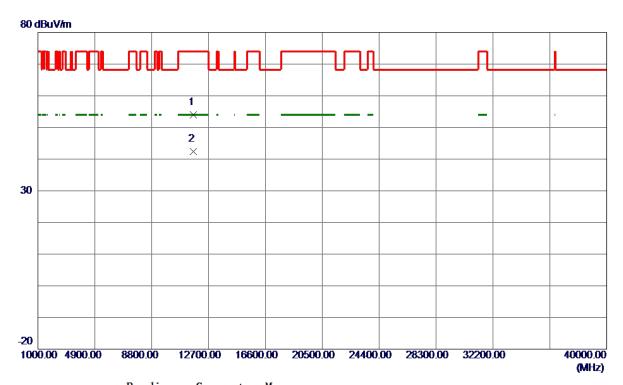
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5828. 2000	78. 22	18. 20	96. 42	122. 20	-25. 78	Peak	
2	5850.0000	38. 27	18. 24	56. 51	122. 20	-65. 69	Peak	
3	5860.0000	37. 76	18. 26	56. 02	109.40	-53. 38	Peak	

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Horizontal



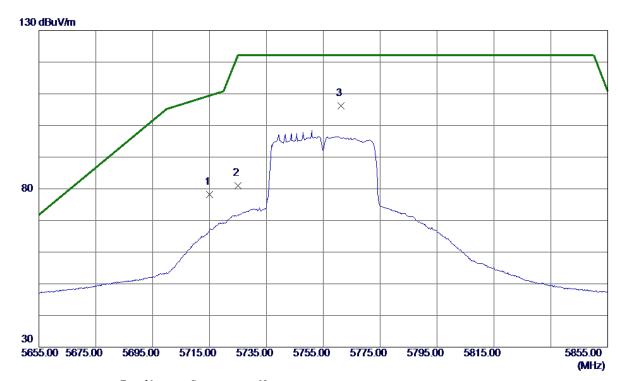
to tr/ to to tr/ to	
MHz dBuV/m dB dBuV/m dBuV/m dB	Detector Comment
1 11646. 5000 38. 63 15. 39 54. 02 74. 00 -19. 9	8 Peak
2 * 11648.7000 27.03 15.39 42.42 54.00 -11.5	58 AVG

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Vertical



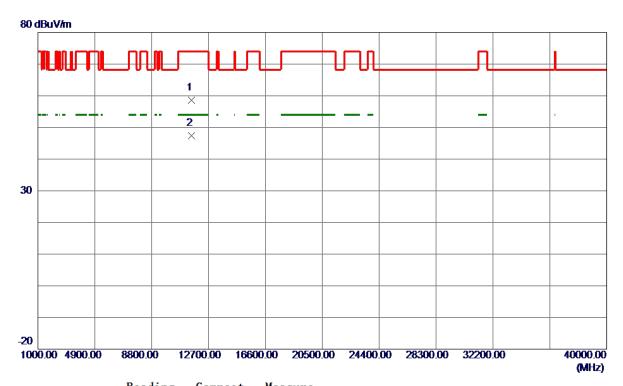
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	60. 24	18.00	78. 24	109.40	-31. 16	Peak	
2	5725. 0000	63. 03	18. 02	81. 05	122. 20	-41.15	Peak	
3 *	5761. 2000	88. 12	18.08	106. 20	122. 20	-16.00	Peak	

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Vertical



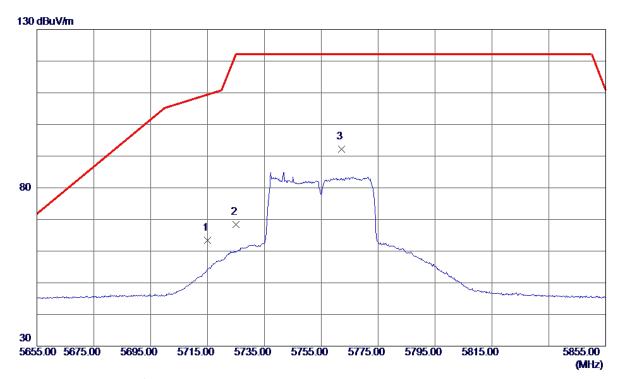
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11514.8000	43. 28	15. 23	58. 51	74.00	-15.49	Peak	
2 *	11516. 2000	32. 23	15. 23	47. 46	54.00	-6. 54	AVG	

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Horizontal



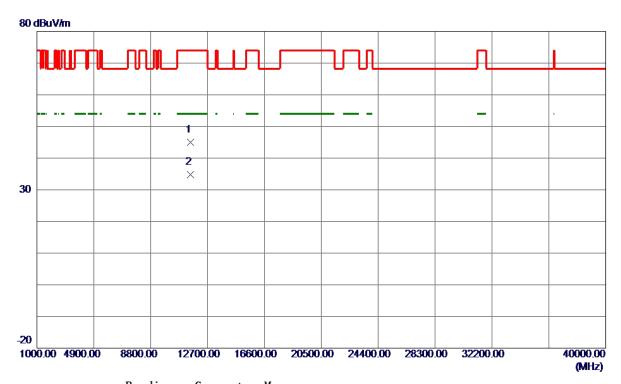
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	45. 39	18.00	63. 39	109.40	-46. 01	Peak	
2	5725.0000	50. 39	18. 02	68.41	122. 20	-53. 79	Peak	
3 *	5762. 1000	74. 18	18. 09	92. 27	122. 20	-29.93	Peak	

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Horizontal



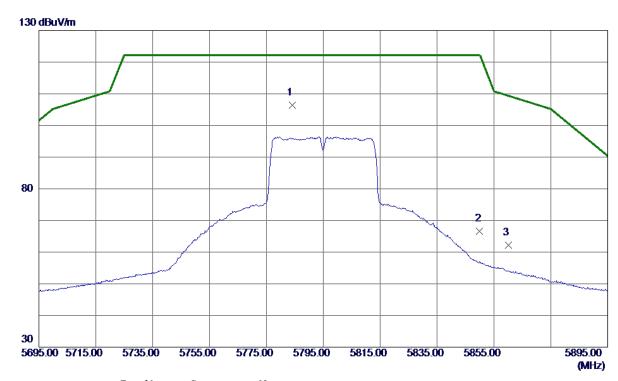
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11515. 0000	29.83	15. 23	45.06	74.00	-28.94	Peak	
2 *	11531. 9000	19. 52	15. 25	34.77	54.00	-19. 23	AVG	

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Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5784.0000	88. 28	18. 13	106. 41	122. 20	-15. 79	Peak	
2	5850.0000	48. 33	18. 24	66. 57	122. 20	-55. 63	Peak	
3	5860.0000	44.03	18. 26	62. 29	109.40	-47.11	Peak	

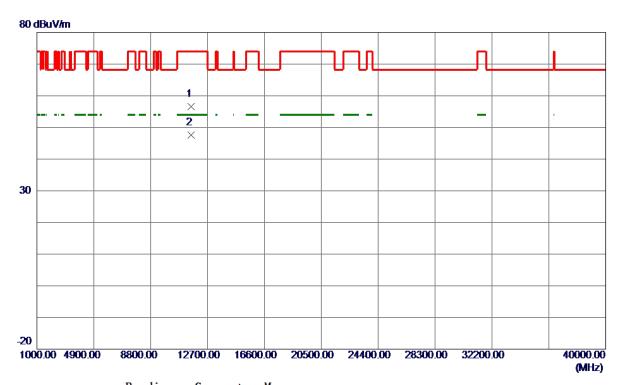
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Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5795MHz

Vertical



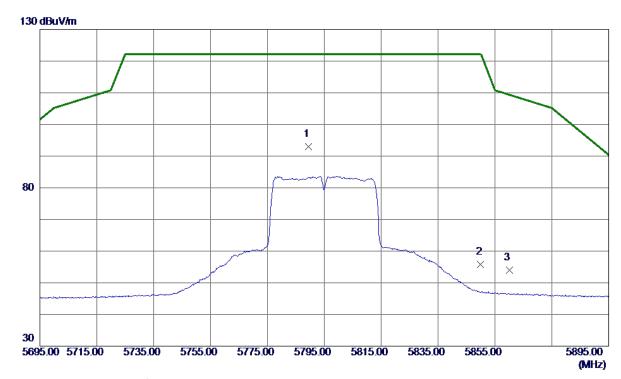
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11592. 3000	41. 36	15. 32	56. 68	74.00	-17. 32	Peak	
2 *	11593. 4200	32. 27	15. 32	47. 59	54.00	-6. 41	AVG	

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Horizontal



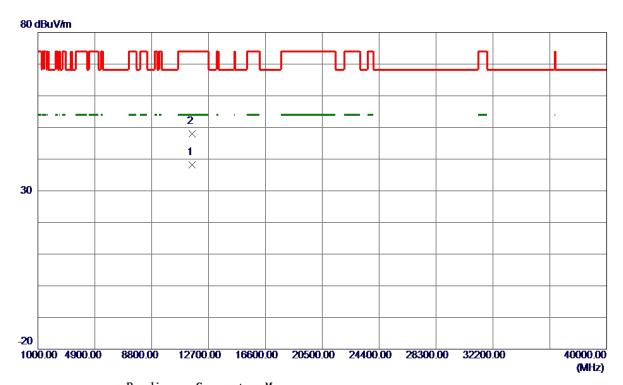
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5789. 5000	74.85	18. 14	92. 99	122. 20	-29. 21	Peak	
2	5850.0000	37. 59	18. 24	55. 83	122. 20	-66. 37	Peak	
3	5860.0000	35. 76	18. 26	54.02	109.40	-55. 38	Peak	

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Horizontal



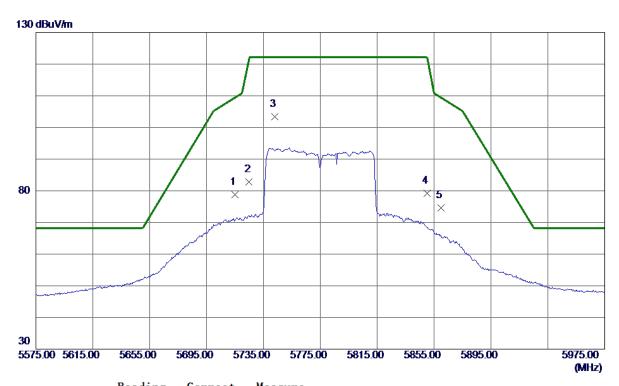
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	11590. 1000	22.88	15. 32	38. 20	54.00	-15.80	AVG	
2	11591. 0000	32. 73	15. 32	48. 05	74.00	-25. 95	Peak	

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Vertical



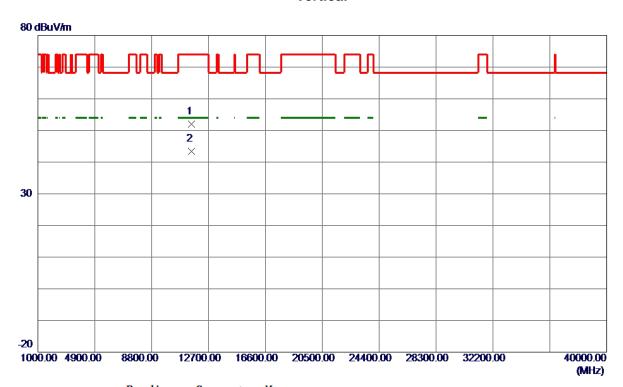
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	60.88	18.00	78. 88	109.40	-30. 52	Peak	
2	5725.0000	64.69	18. 02	82.71	122. 20	-39.49	Peak	
3 *	5742.8000	85. 28	18. 0 5	103. 33	122. 20	-18.87	Peak	
4	5850.0000	61. 01	18. 24	79. 25	122. 20	-42.95	Peak	
5	5860.0000	56. 42	18. 26	74. 68	109.40	-34.72	Peak	

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Vertical



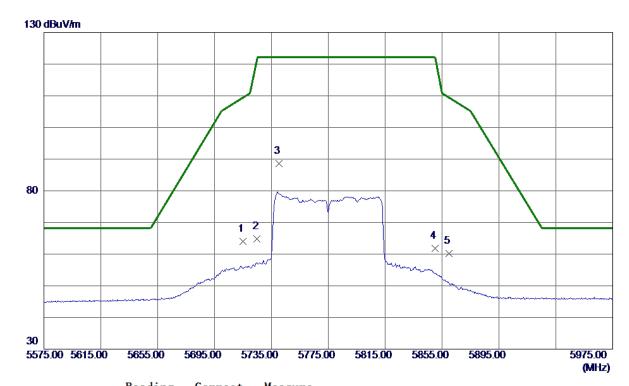
		Level	Factor	ment	Limit	Margin		
M	Hz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 1	1541. 2500	36. 78	15. 26	52. 04	74.00	-21. 96	Peak	
2 * 1	1550. 0500	28. 04	15. 27	43. 31	54.00	-10. 69	AVG	

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Horizontal



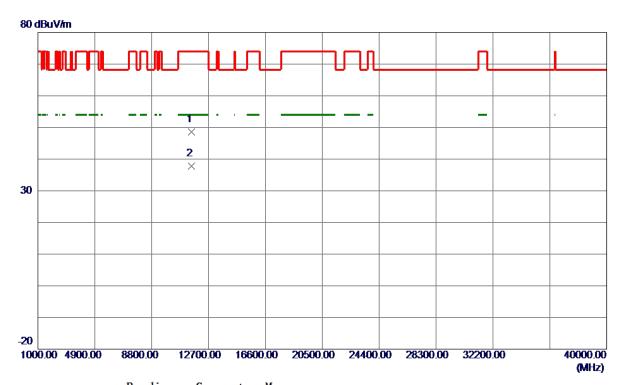
No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5715. 0000	46. 03	18.00	64.03	109.40	-45. 37	Peak	
2	5725.0000	46. 79	18. 02	64.81	122. 20	-57.39	Peak	
3 *	5740. 4000	70.64	18. 0 5	88. 69	122. 20	-33. 51	Peak	
4	5850.0000	43. 58	18. 24	61.82	122. 20	-60. 38	Peak	
5	5860. 0000	42.02	18. 26	60. 28	109.40	-49. 12	Peak	

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Horizontal



No.	Freq.	Keading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	11548. 5500	33. 41	15. 27	48. 68	74.00	-25. 32	Peak	
2 *	11549. 4500	22. 51	15. 27	37. 78	54.00	-16. 22	AVG	

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TX A Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

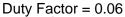
Duty cycle = T_{ON} / T_{Total}

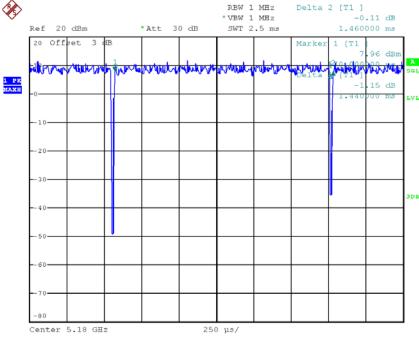
T_{ON}: 1.440 msec

T_{Total}: 1.460 msec

Duty cycle: 98.630%

Duty Factor = 10 log(1/Duty cycle)





Date: 7.MAY.2018 14:28:38

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

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TX N20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

Duty cycle = T_{ON} / T_{Total}

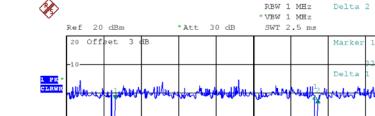
T_{ON}: 1.335 msec

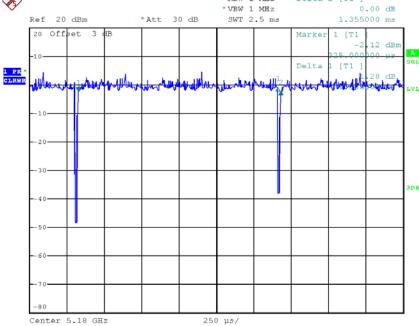
T_{Total}: 1.355 msec

Duty cycle: 98.524%

Duty Factor = 0.06

Duty Factor = 10 log(1/Duty cycle)





Date: 7.MAY.2018 14:35:54

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor Power Spectral Density = Measured density + Duty factor

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TX N40 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

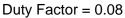
Duty cycle = T_{ON} / T_{Total}

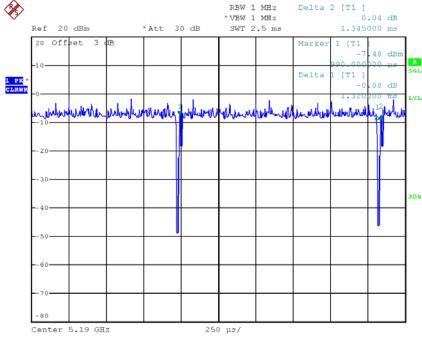
T_{ON}: 1.320 msec

T_{Total}: 1.345 msec

Duty cycle: 98.141%

Duty Factor = 10 log(1/Duty cycle)





Date: 7.MAY.2018 14:37:02

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

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TX AC20 Mode_DUTY CYCLE

Duty cycle: TX DUTYMHz

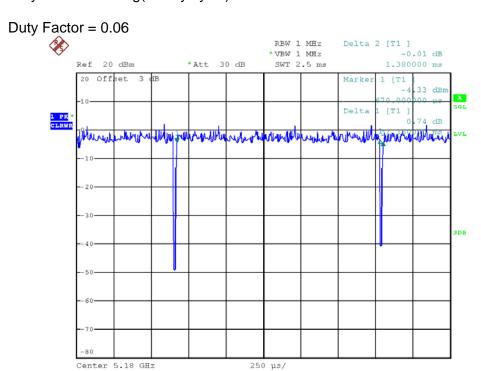
Duty cycle = T_{ON} / T_{Total}

T_{ON}: 1.360 msec

T_{Total}: 1.380 msec

Duty cycle: 98.551%

Duty Factor = 10 log(1/Duty cycle)



Date: 7.MAY.2018 14:36:40

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is not less than 98 %, so, the output power and power density should be cacluated as Output Power = Measured power + Ducy factor

Power Spectral Density = Measured density + Duty factor

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