

FCC Radio Test Report

FCC ID: NDD9577221420

This report concerns (check one): ☒ Original Grant ☐ Class II Change

Project No. : 1412C013
Equipment : AC1200 11ac Wireless Dual Band USB Adapter
Model Name : EW-7722UAC; GWU-H722UAC
Applicant : EDIMAX TECHNOLOGY CO., LTD.
Address : No.3,Wu-Chuan 3rd Road, Wu-Ku Industrial Park,
New Taipei City, Taiwan

Date of Receipt : Dec. 14, 2014
Date of Test : Dec. 14, 2014~Feb. 09, 2015
Issued Date : Feb. 10, 2015
Tested by : BTL Inc.

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Declaration

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

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-2-1412C013	Original Issue.	Feb. 10, 2015

1. CERTIFICATION

Equipment : AC1200 11ac Wireless Dual Band USB Adapter
Brand Name : EDIMAX
Model Name : EW-7722UAC; GWU-H722UAC
Applicant : EDIMAX TECHNOLOGY CO., LTD.
Manufacturer : EDIMAX TECHNOLOGY CO., LTD.
Address : No.3,Wu-Chuan 3rd Road, Wu-Ku Industrial Park, New Taipei City, Taiwan
Date of Test : Dec. 14, 2014~Feb. 09, 2015
Test Sample : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.4: 2009
FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

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-2-1412C013) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
Standard(s) Section	Test Item	Judgment	Remark
FCC			
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.
- (2) FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C02: 1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Below 1 GHz):

CB08: (FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428A-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB08: (FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428A-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC rules and for reference only.

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

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

A. Conducted emission test:

Test Site	Measurement Frequency Range	U, (dB)	NOTE
C02	150 kHz ~ 30 MHz	2.59	

B. Radiated emission test:

Test Site	Item	Measurement Frequency Range	Uncertainty	NOTE
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB
		Horizontal Polarization	200 - 1000MHz	3.11 dB
		Horizontal Polarization	1 - 18GHz	3.97 dB
		Horizontal Polarization	18 - 40GHz	4.01 dB
	Vertical Polarization	Vertical Polarization	30 - 200MHz	3.22 dB
		Vertical Polarization	200 - 1000MHz	3.24 dB
		Vertical Polarization	1 - 18GHz	4.05 dB
		Vertical Polarization	18 - 40GHz	4.04 dB

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above. These are our U_{lab} values in CISPR 16-4-2 terminology.

Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR} , as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz: 3.6 dB

Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz: 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR} .

If U_{lab} is less than or equal to U_{CISPR} , then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If U_{lab} is greater than U_{CISPR} , then:

- compliance is deemed to occur if no measured disturbance level, increased by $(U_{lab} - U_{CISPR})$, exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by $(U_{lab} - U_{CISPR})$, exceeds the disturbance limit.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AC1200 11ac Wireless Dual Band USB Adapter	
Brand Name	EDIMAX	
Model Name	EW-7722UAC; GWU-H722UAC	
OEM Brand/Model Name	Manhattan/525725	
Mode Different	Only differ in model name.	
Product Description	Operation Frequency	UNII-1: 5150-5250MHz UNII-3: 5725-5850MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
	Output Power (Max.)for UNII-1	802.11a: 16.10dBm 802.11n (20M): 18.54dBm 802.11n (40M): 19.63dBm 802.11ac (20M): 18.05dBm 802.11ac (40M): 18.78dBm 802.11ac (80M): 18.14dBm
	Output Power (Max.)for UNII-3	802.11a: 15.51dBm 802.11n (20M): 15.19dBm 802.11n (40M): 16.95dBm 802.11ac (20M): 16.18dBm 802.11ac (40M): 20.70dBm 802.11ac (80M): 17.48dBm
Power Source	Supplied from USB Port.	
Power Rating	DC 5V/900mA	

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		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-1		UNII-1		UNII-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		802.11n 40MHz 802.11ac 40MHz		802.11ac 80MHz	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel I	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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	LYNwave	ALU140-222030	Internal	N/A	3.97
2	LYNwave	ALU140-222030	Internal	N/A	3.99

Note:

(1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

(2) ANT 2 for 1TX is the worst case.

4.

Operating Mode TX Mode	1TX
	V (ANT 2)
802.11a	V (ANT 1 + ANT 2)
802.11n(20MHz)	V (ANT 1 + ANT 2)
802.11n(40MHz)	V (ANT 1 + ANT 2)
802.11ac(20MHz)	V (ANT 1 + ANT 2)
802.11ac(40MHz)	V (ANT 1 + ANT 2)
802.11ac(80MHz)	V (ANT 1 + ANT 2)

3.2 DESCRIPTION OF TEST MODES

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

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48 (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

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: For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

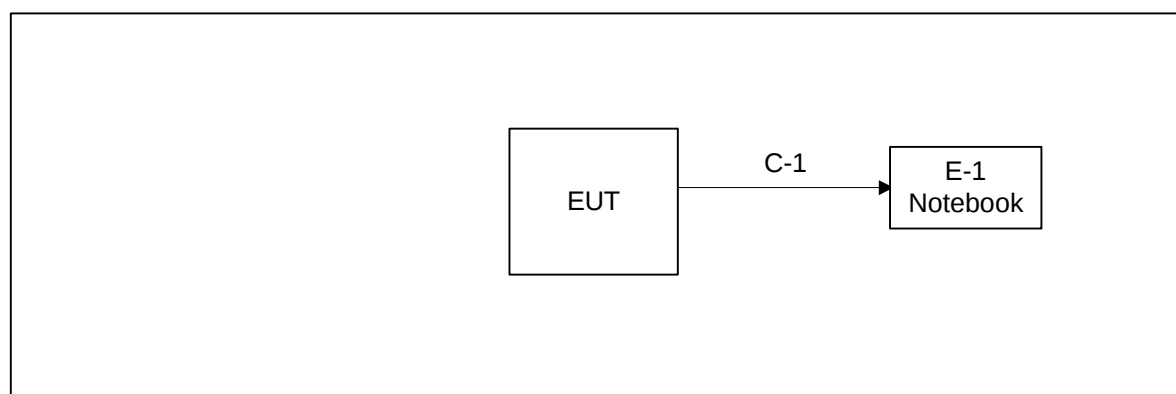
UNII-1			
Test Software Version	MT7662UQA		
Frequency (MHz)	5180	5200	5240
A Mode	1E	1E	1D
N20 Mode	1C/1C	1D/1D	1D/1D
Frequency (MHz)	5190	5230	
N40 Mode	13/13	1E/1E	

UNII-3			
Test Software Version	MT7662UQA		
Frequency (MHz)	5745	5785	5825
A Mode	21	21	21
N20 Mode	1C/1C	1C/1C	1C/1C
Frequency (MHz)	5755	5795	
N40 Mode	18/18	18/18	

UNII-1			
Test Software Version	MT7662UQA		
Frequency (MHz)	5180	5200	5240
AC20 Mode	1A/1A	1A/1A	1B/1B
Frequency (MHz)	5190	5230	
AC40 Mode	17/17	1B/1B	
Frequency (MHz)	5210		
AC80 Mode	0		

UNII-3			
Test Software Version	MT7662UQA		
Frequency (MHz)	5745	5785	5825
AC20 Mode	1C/1C	19/19	19/19
Frequency (MHz)	5755	5795	
AC40 Mode	1A/1A	20/20	
Frequency (MHz)	5775		
AC80 Mode	0		

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/IC	Series No.	Note
E-1	Notebook PC	DELL	D620	DOC	7T390 A03	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	USB Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

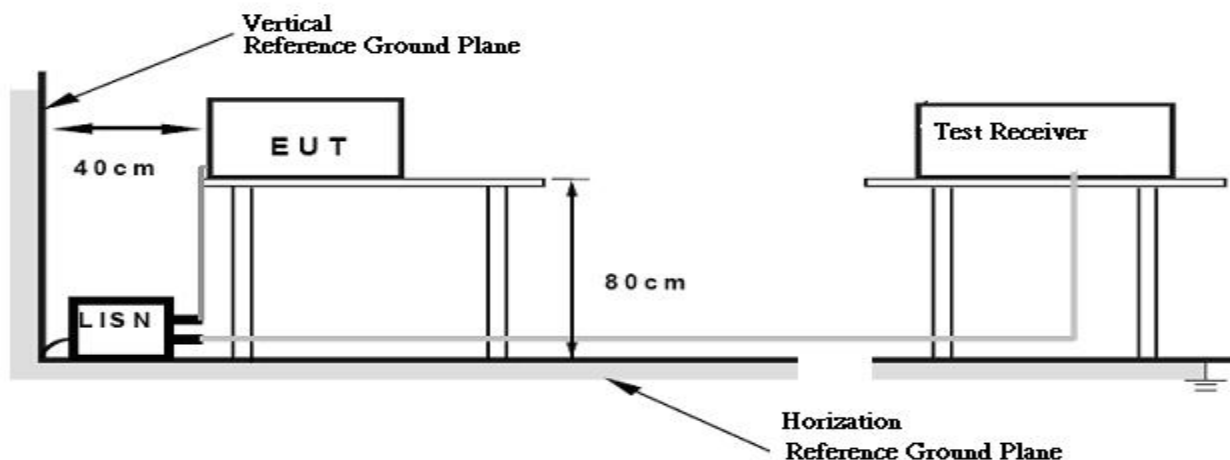
4.1.2 TEST PROCEDURE

- 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

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: 55% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment 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. In this case, a “ * ” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	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

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5725-5850	-27 (beyond 10MHz of the band edge)	68.3
	-17 (within 10 MHz of band edge)	78.3

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

4.2.2 TEST PROCEDURE

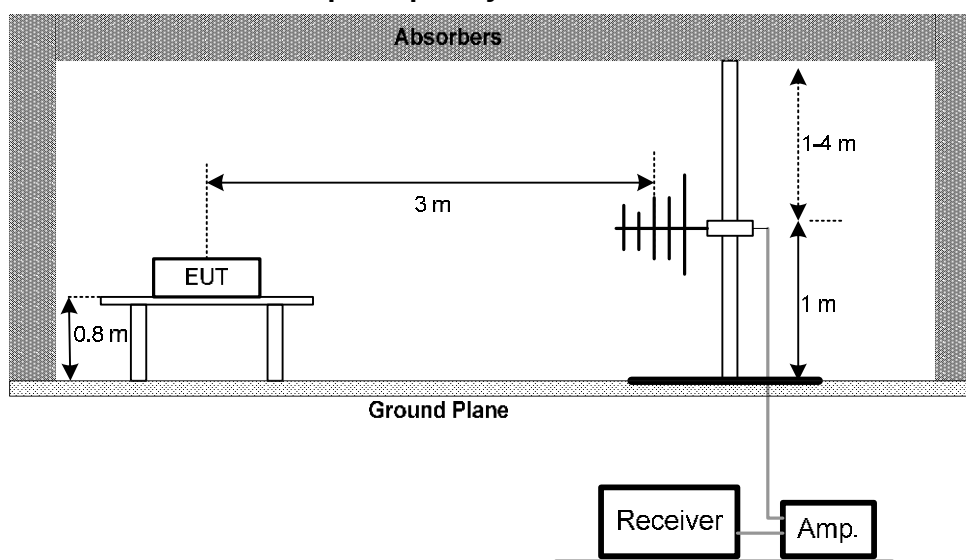
- The measuring distance of at 3m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated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

4.2.3 DEVIATION FROM TEST STANDARD

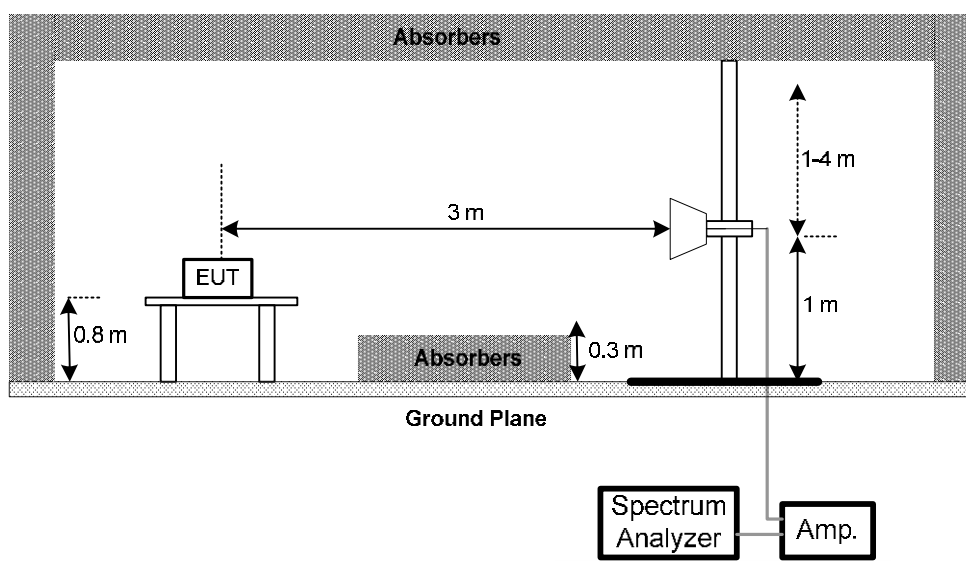
No deviation

4.2.4 TEST SETUP

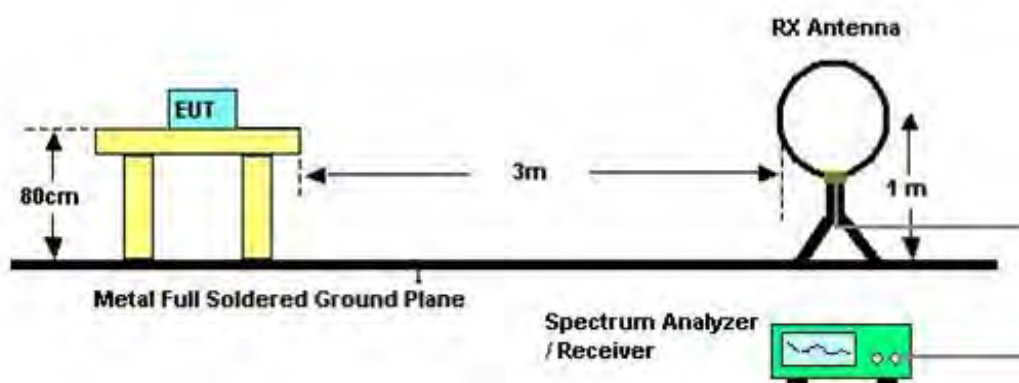
(A) Radiated Emission Test Set-Up Frequency 30 - 1000MHz



(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: 55% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment 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 = $40 \log (\text{specific distance} / \text{test distance})$ (dB);
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

Remark:

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

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

Remark:

- (1) Spectrum Setting: 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto
- (2) All readings are Peak unless otherwise stated AV in column of 『Note』 . Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (4) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axes:
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (7) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.
- (8) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

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

b.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RBW	300 kHz
VBW	1000 kHz
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.

5.1.5 EUT TEST CONDITIONS

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

5.1.6 TEST RESULTS

Please refer to the Attachment E.

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

6.1.1 TEST PROCEDURE

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

b.

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

c. Test was performed in accordance with method of KDB 789033 D02.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



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: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27dBm/MHz	5150-5250	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27dBm/MHz beyond 10MHz of the band edge	5725-5850	PASS

7.1.1 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
RBW	1000kHz
VBW	1000kHz
Trace	Max Hold
Sweep Time	Auto

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 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.

7.1.5 EUT TEST CONDITIONS

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

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 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 Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1MHz.
VBW	≥ 3MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, 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.
- The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ 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.

8.1.1 DEVIATION FROM STANDARD

No deviation.

8.1.2 TEST SETUP



8.1.3 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.

8.1.4 EUT TEST CONDITIONS

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

8.1.5 TEST RESULTS

Please refer to the Attachment H.

9. FREQUENCY STABILITY MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

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

9.1.1 TEST PROCEDURE

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

b.

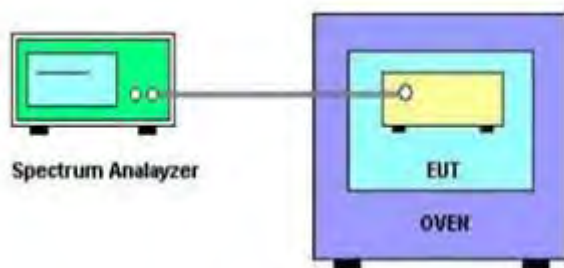
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

- c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
d. User manual temperature is 0°C~50°C.

9.1.2 DEVIATION FROM STANDARD

No deviation.

9.1.3 TEST SETUP



9.1.4 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.

9.1.5 EUT TEST CONDITIONS

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

9.1.6 TEST RESULTS

Please refer to the Attachment I.

10. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	Jan. 07, 2016
2	Test Cable	TIMES	CFD300-NL	C01	May. 28, 2015
3	EMI Test Receiver	R&S	ESCI	100082	Apr. 13, 2015
4	Measurement Software	EZ	EZ EMC (Version NB-03A)	N/A	N/A

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015
2	Horn Antenna	Schwarzbeck	BBHA 9120	D-325	Jan. 12, 2016
3	Microwave Pre amplifier	Agilent	8449B	3008A01714	Apr. 15, 2015
4	Microflex Cable	Harbour industries	27478LL142	1m	May. 12, 2015
5	Microflex Cable	EMC	S104-SMA	8m	May. 12, 2015
6	Microflex Cable	Harbour industries	27478LL142	3m	May. 12, 2015
7	Test Cable	LMR	LMR-400	12m	May. 13, 2015
8	Test Cable	LMR	LMR-400	3m	May. 13, 2015
9	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 17, 2015
10	Log-Bicon Antenna	Schwarzbeck	VULB9168-352	9168-352	July. 10, 2015
11	Preamplifier With Adaptor	EMC	EMC2654045	980030	Feb. 17, 2015
12	Horn Antenna	Schwarzbeck	BBHA 9170	340	Nov. 13, 2015

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP30	100854	Oct. 26, 2015

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

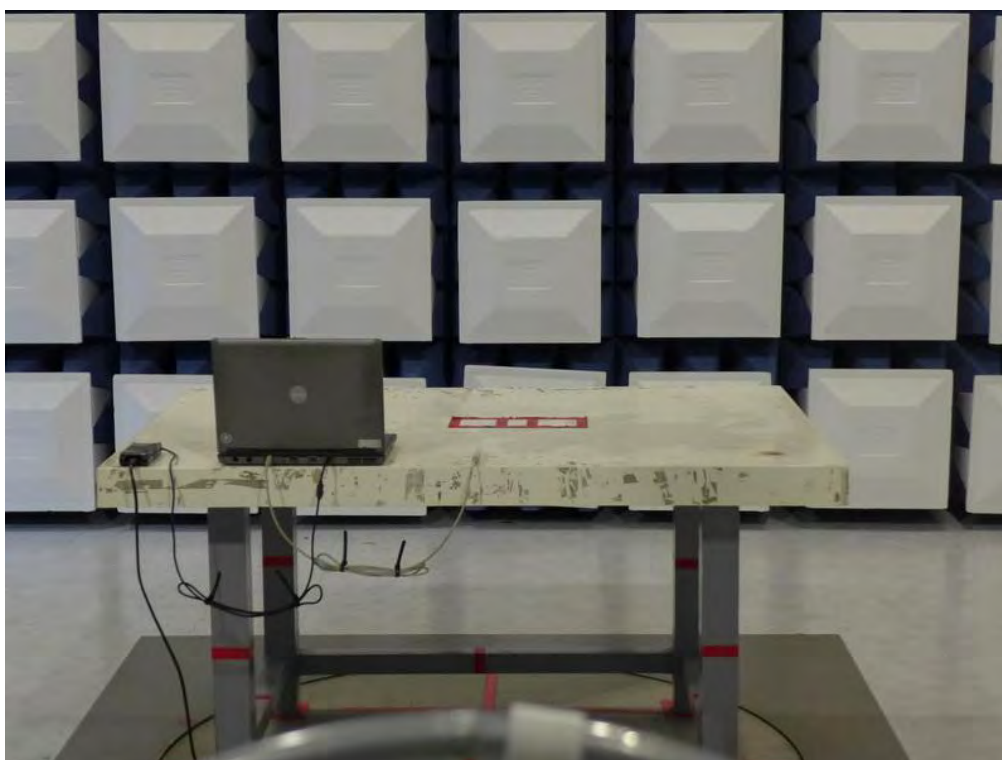
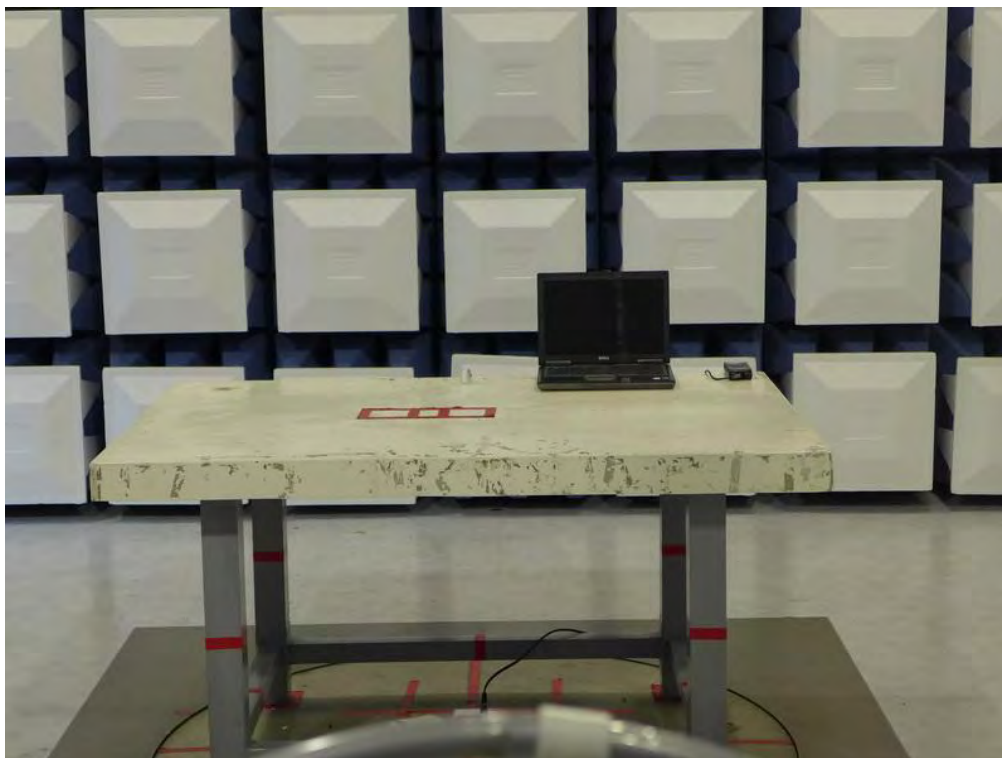
10.1. EUT TEST PHOTOS

Conducted Measurement Photos



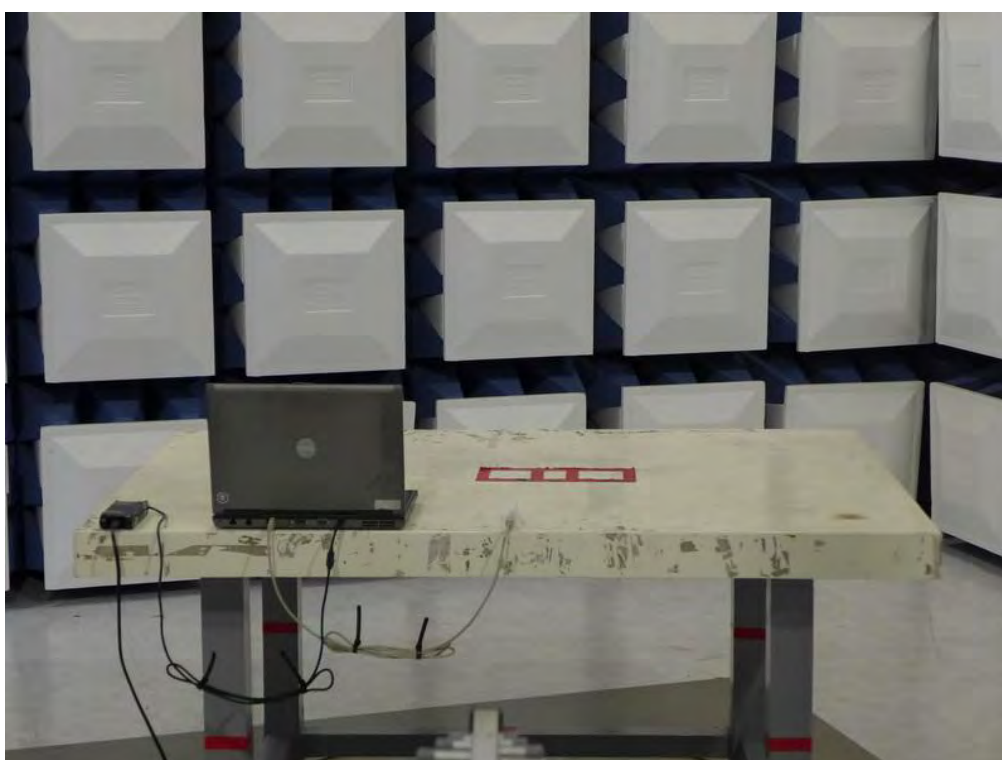
Radiated Measurement Photos

9KHz to 30MHz



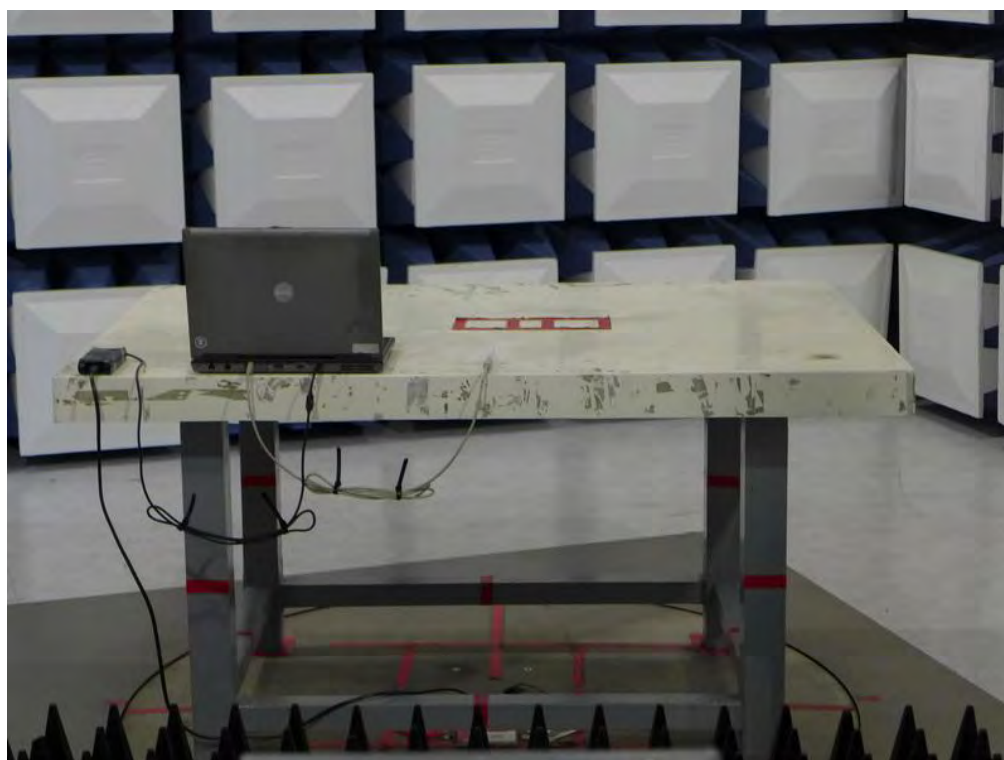
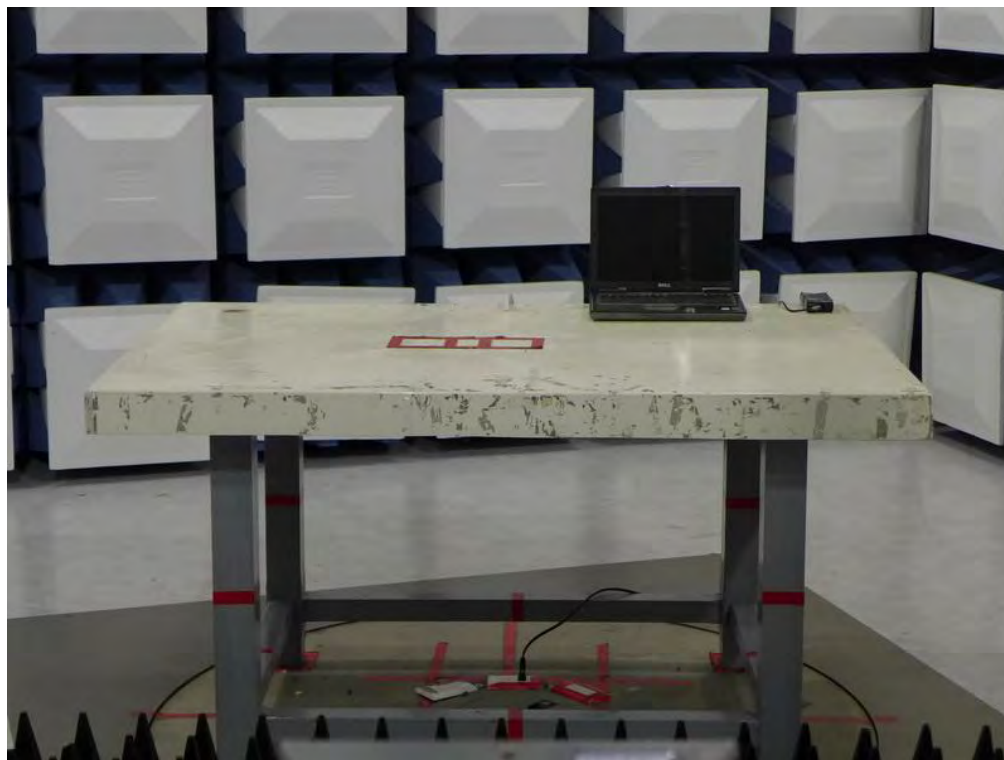
Radiated Measurement Photos

30MHz to 1000MHz



Radiated Measurement Photos

Above 1000MHz



ATTACHMENT A - CONDUCTED EMISSION

Test Mode: TX MODE

Line



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1983	26.41	9.65	36.06	63.68	-27.62	peak	
2	0.2973	25.72	9.76	35.48	60.32	-24.84	peak	
3	1.2920	22.83	9.72	32.55	56.00	-23.45	peak	
4	16.2500	32.26	10.24	42.50	60.00	-17.50	peak	
5	19.3500	32.82	10.50	43.32	60.00	-16.68	peak	
6 *	23.1494	34.17	10.46	44.63	60.00	-15.37	peak	

Note : The test result has included the cable loss.

Test Mode: TX MODE

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2011	27.71	9.64	37.35	63.57	-26.22	peak	
2		0.2973	28.39	9.65	38.04	60.32	-22.28	peak	
3		0.4970	23.97	9.67	33.64	56.05	-22.41	peak	
4		16.2500	32.45	10.24	42.69	60.00	-17.31	peak	
5		19.3500	33.06	10.37	43.43	60.00	-16.57	peak	
6	*	23.1494	33.59	10.49	44.08	60.00	-15.92	peak	

Note : The test result has included the cable loss.

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

Test Mode:	TX MODE
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Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0171	0°	45.28	17.63	62.91	102.94	-40.03	AVG
0.0171	0°	53.44	17.63	71.07	122.94	-51.87	PK
0.3370	0°	40.37	11.12	51.49	77.05	-25.56	AVG
0.3370	0°	49.65	11.12	60.77	97.05	-36.28	PK
0.3920	0°	40.44	11.15	51.59	75.74	-24.15	AVG
0.3920	0°	49.72	11.15	60.87	95.74	-34.87	PK
0.5660	0°	46.29	11.25	57.54	72.55	-15.01	AVG
0.5660	0°	54.88	11.25	66.13	92.55	-26.42	PK
0.8830	0°	45.16	11.37	56.53	68.69	-12.15	QP
1.1470	0°	40.82	11.46	52.28	66.41	-14.13	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Note
0.0175	90°	45.11	17.55	62.66	102.74	-40.08	AVG
0.0175	90°	53.64	17.55	71.19	122.74	-51.55	PK
0.3370	90°	40.85	11.12	51.97	77.05	-25.08	AVG
0.3370	90°	49.78	11.12	60.90	97.05	-36.15	PK
0.3960	90°	40.14	11.16	51.30	75.65	-24.36	AVG
0.3960	90°	49.63	11.16	60.79	95.65	-34.87	PK
0.5720	90°	45.63	11.25	56.88	72.46	-15.58	AVG
0.5720	90°	55.47	11.25	66.72	92.46	-25.74	QP
0.8890	90°	45.32	11.38	56.70	68.63	-11.93	QP
1.1450	90°	40.48	11.46	51.94	66.43	-14.48	QP

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

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

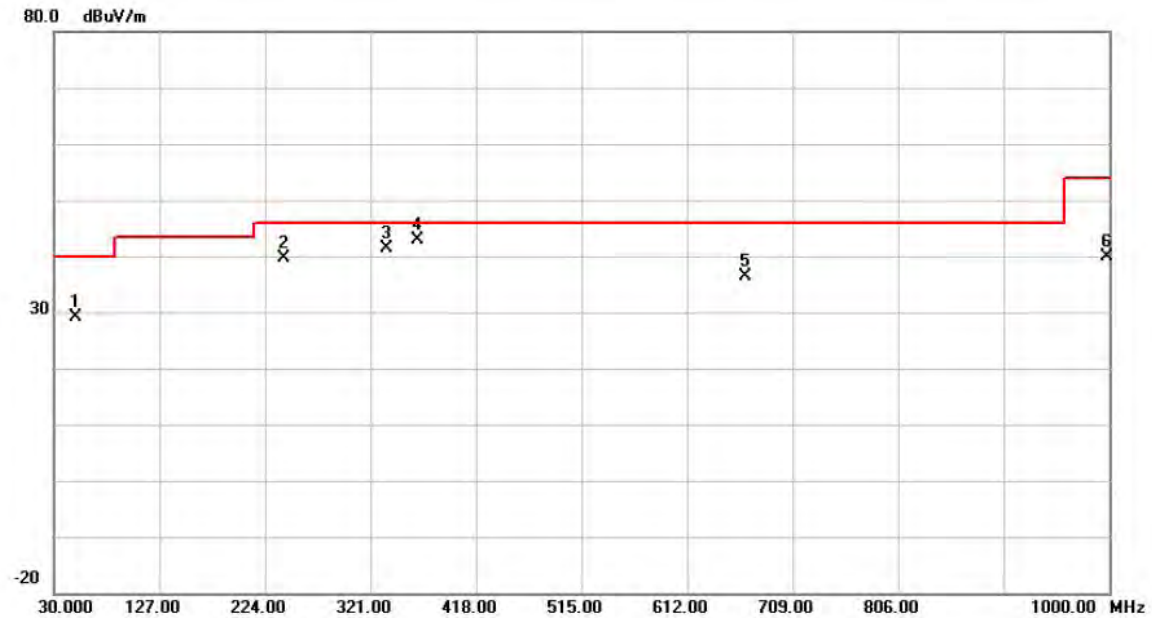
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		49.4000	46.13	-13.69	32.44	40.00	-7.56	peak	
2		335.5500	48.25	-12.57	35.68	46.00	-10.32	peak	
3		367.0750	50.49	-11.91	38.58	46.00	-7.42	peak	
4		500.4500	48.17	-9.30	38.87	46.00	-7.13	peak	
5		527.1250	45.73	-8.59	37.14	46.00	-8.86	peak	
6	*	997.5750	48.31	-1.30	47.01	54.00	-6.99	peak	

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

Horizontal

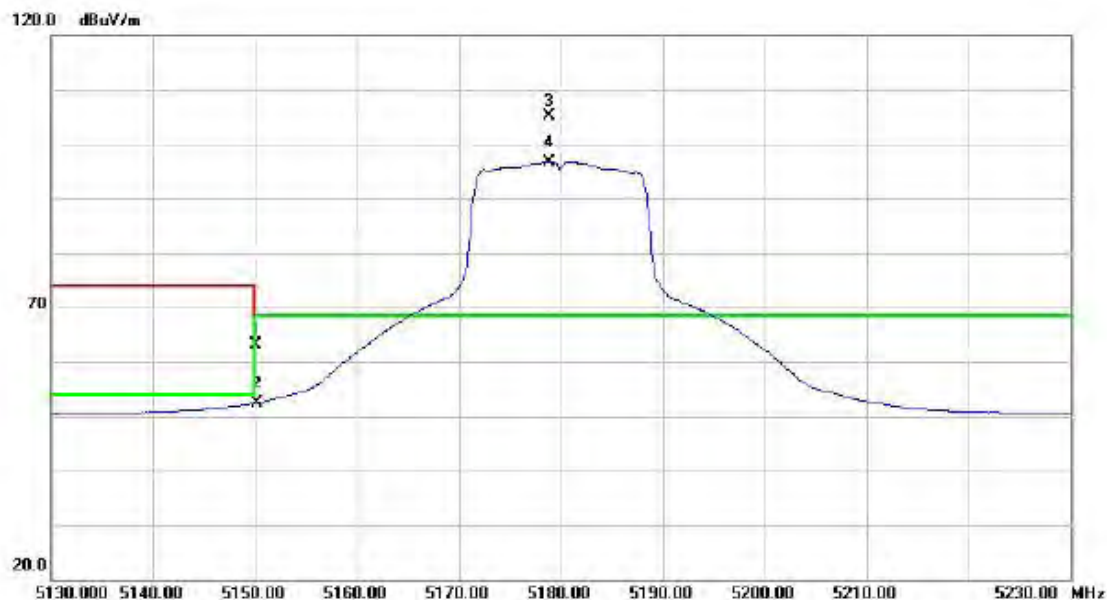


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		49.4000	42.86	-13.69	29.17	40.00	-10.83	peak	
2		240.9750	54.89	-15.24	39.65	46.00	-6.35	peak	
3		335.5500	53.85	-12.57	41.28	46.00	-4.72	peak	
4	*	364.6500	54.75	-11.97	42.78	46.00	-3.22	peak	
5		665.3500	42.85	-6.46	36.39	46.00	-9.61	peak	
6		997.5750	41.21	-1.30	39.91	54.00	-14.09	peak	

ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.50	37.74	63.24	68.30	-5.06	peak	
2		5150.000	14.72	37.74	52.46	54.00	-1.54	AVG	
3	*	5178.900	67.36	37.83	105.19	68.30	36.89	peak	NO LIMIT
4	X	5178.900	58.92	37.83	96.75	68.30	28.45	AVG	NO LIMIT

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

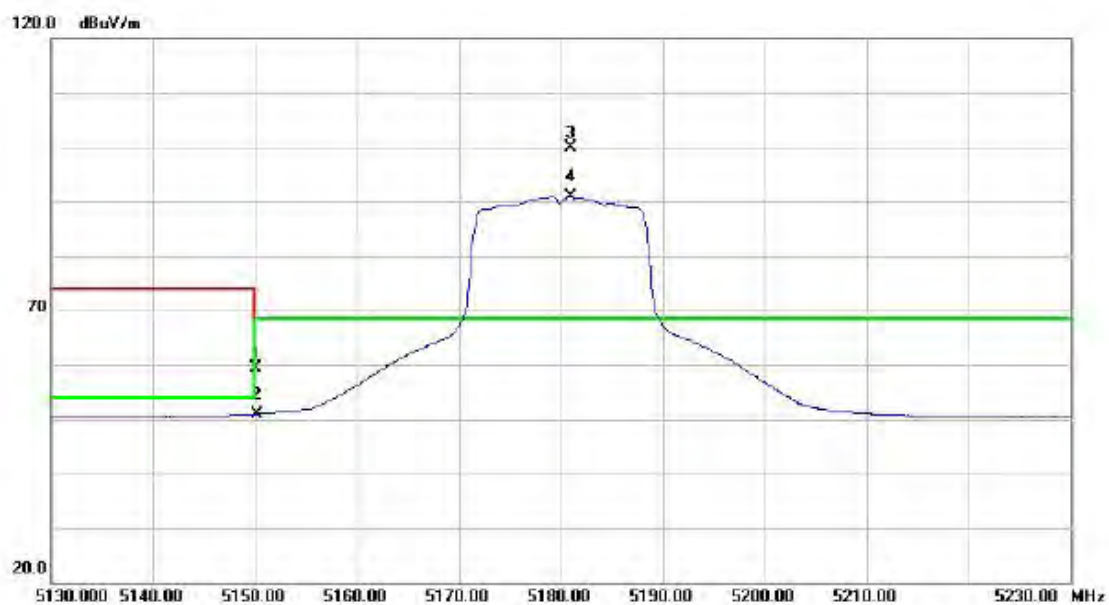
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10358.50	49.01	17.73	66.74	68.30	-1.56	peak	
2		10358.50	36.41	17.73	54.14	68.30	-14.16	AVG	
3		15540.50	46.56	19.30	65.86	74.00	-8.14	peak	
4		15540.50	33.09	19.30	52.39	54.00	-1.61	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	21.56	37.74	59.30	68.30	-9.00	peak	
2		5150.000	13.21	37.74	50.95	54.00	-3.05	AVG	
3	*	5181.000	62.10	37.85	99.95	68.30	31.65	peak	NO LIMIT
4	X	5181.000	53.01	37.85	90.86	68.30	22.56	AVG	NO LIMIT

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

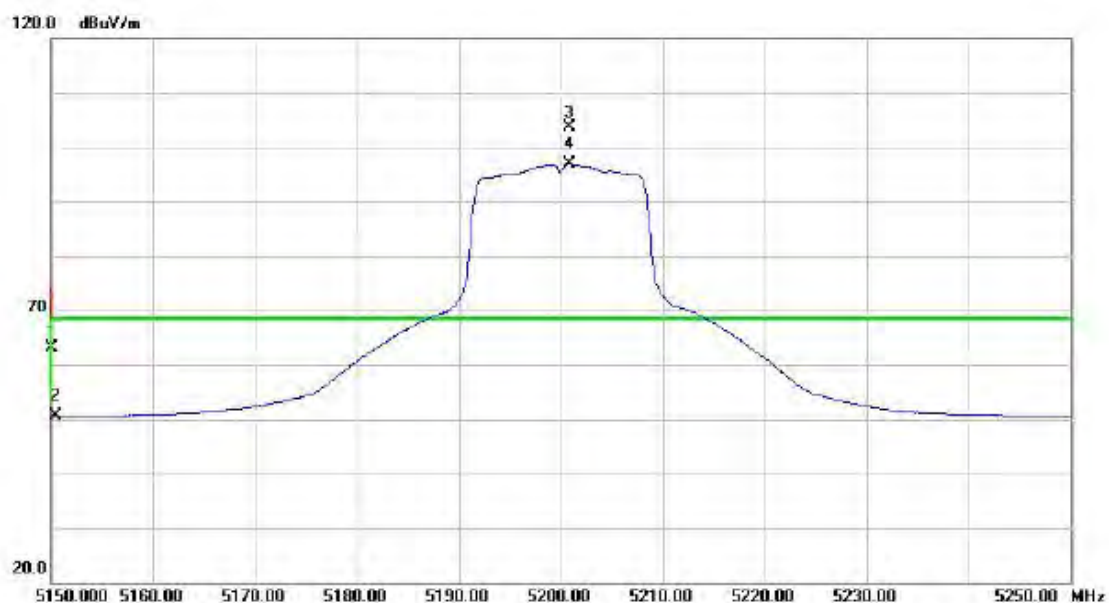
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10359.75	48.40	17.74	66.14	68.30	-2.16	peak	
2		10359.75	36.35	17.74	54.09	68.30	-14.21	AVG	
3		15541.00	47.44	19.30	66.74	74.00	-7.26	peak	
4	*	15541.00	33.56	19.30	52.86	54.00	-1.14	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.33	37.74	63.07	68.30	-5.23	peak	
2		5150.000	12.85	37.74	50.59	54.00	-3.41	AVG	
3	*	5200.900	65.83	37.91	103.74	68.30	35.44	peak	NO LIMIT
4	X	5200.900	58.87	37.91	96.78	68.30	28.48	AVG	NO LIMIT

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

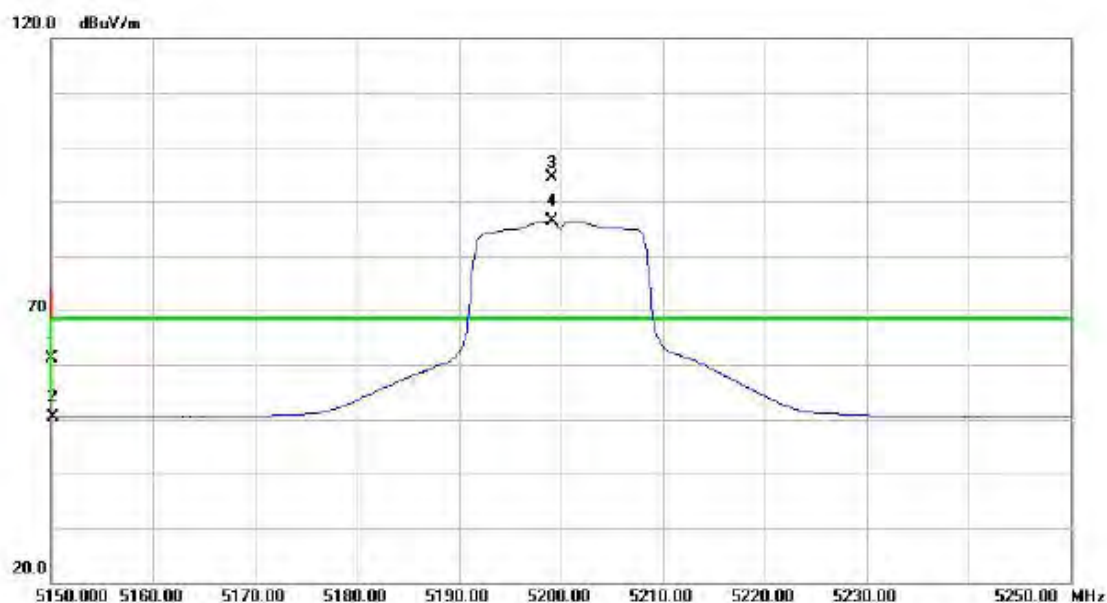
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10396.25	47.59	17.90	65.49	68.30	-2.81	peak	
2		10396.25	35.55	17.90	53.45	68.30	-14.85	AVG	
3		15599.75	47.36	19.32	66.68	74.00	-7.32	peak	
4	*	15599.75	33.16	19.32	52.48	54.00	-1.52	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.46	37.74	61.20	68.30	-7.10	peak	
2		5150.000	12.67	37.74	50.41	54.00	-3.59	AVG	
3	*	5199.100	56.36	37.91	94.27	68.30	25.97	peak	NO LIMIT
4	X	5199.100	48.51	37.91	86.42	68.30	18.12	AVG	NO LIMIT

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

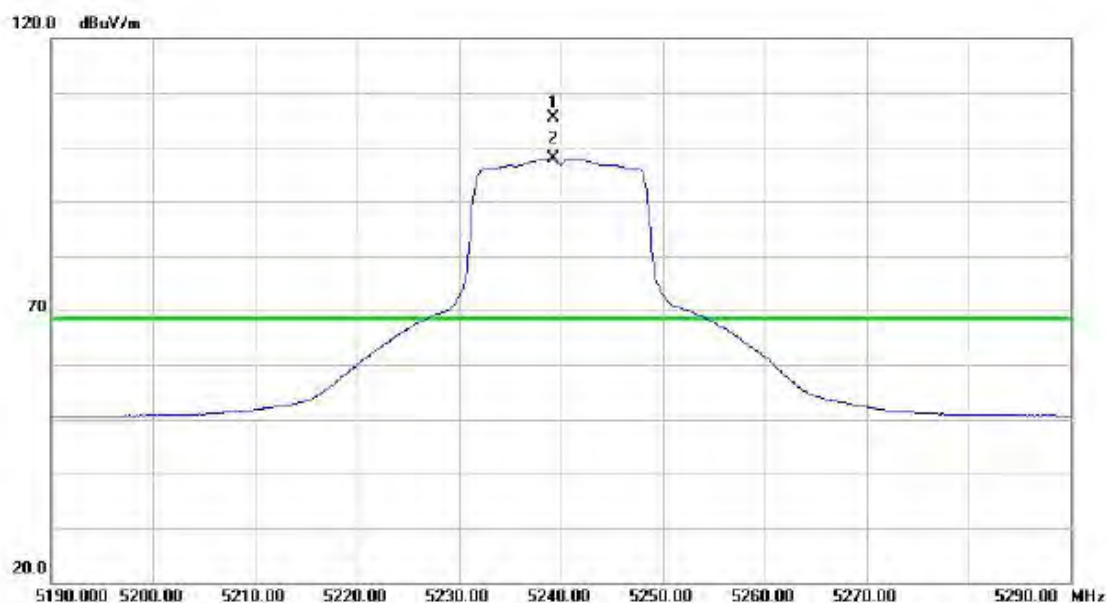
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10397.00	47.06	17.90	64.96	68.30	-3.34	peak	
2		10397.00	36.56	17.90	54.46	68.30	-13.84	AVG	
3		15607.00	47.56	19.32	66.88	74.00	-7.12	peak	
4	*	15607.00	33.06	19.32	52.38	54.00	-1.62	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5239.200	67.34	38.05	105.39	68.30	37.09	peak	NO LIMIT
2	X	5239.200	59.95	38.05	98.00	68.30	29.70	AVG	NO LIMIT

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

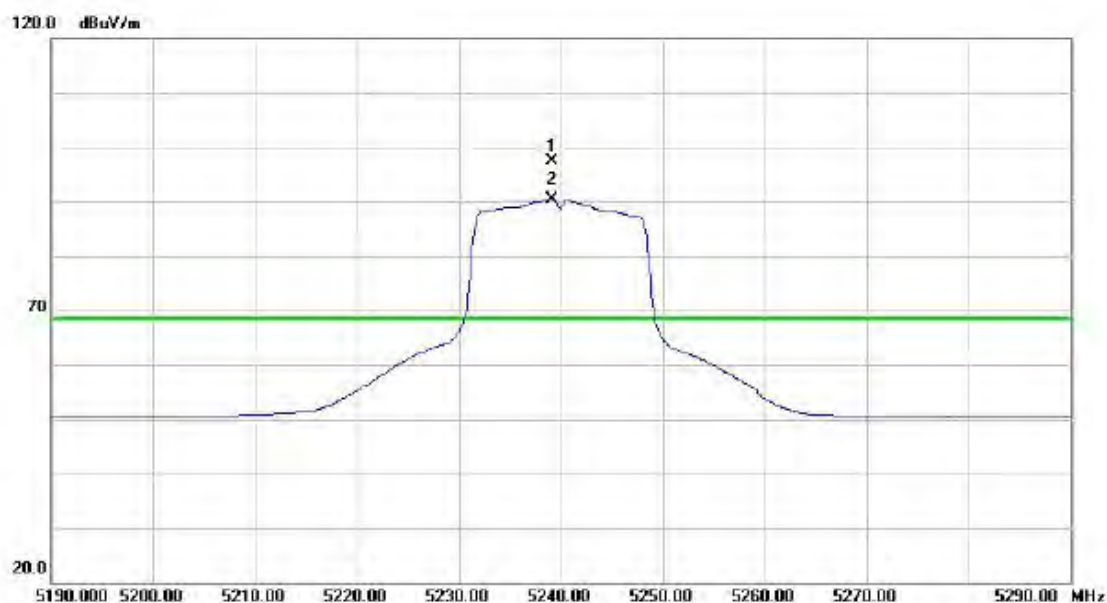
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10479.75	45.61	18.29	63.90	68.30	-4.40	peak	
2		10479.75	34.89	18.29	53.18	68.30	-15.12	AVG	
3		15711.75	48.09	19.36	67.45	74.00	-6.55	peak	
4	*	15711.75	33.36	19.36	52.72	54.00	-1.28	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5239.100	59.43	38.05	97.48	68.30	29.18	peak	NO LIMIT
2	X	5239.100	52.26	38.05	90.31	68.30	22.01	AVG	NO LIMIT

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

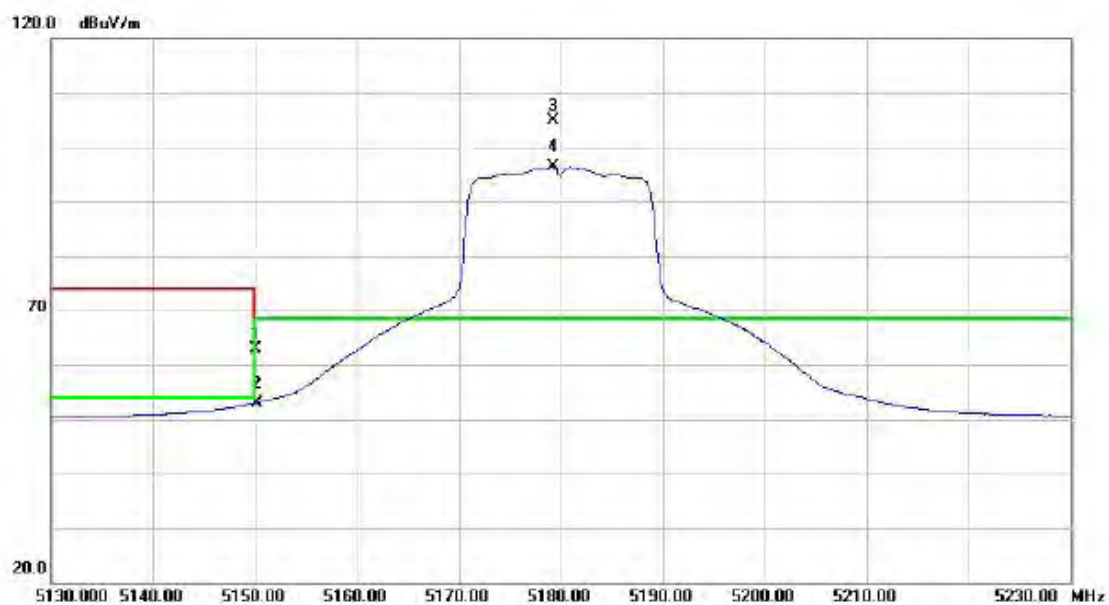
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10476.75	46.73	18.27	65.00	68.30	-3.30	peak	
2		10476.75	35.88	18.27	54.15	68.30	-14.15	AVG	
3		15727.25	48.58	19.37	67.95	74.00	-6.05	peak	
4	*	15727.25	33.63	19.37	53.00	54.00	-1.00	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	25.07	37.74	62.81	68.30	-5.49	peak	
2		5150.000	15.24	37.74	52.98	54.00	-1.02	AVG	
3	*	5179.200	67.13	37.84	104.97	68.30	36.67	peak	NO LIMIT
4	X	5179.200	58.44	37.84	96.28	68.30	27.98	AVG	NO LIMIT

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

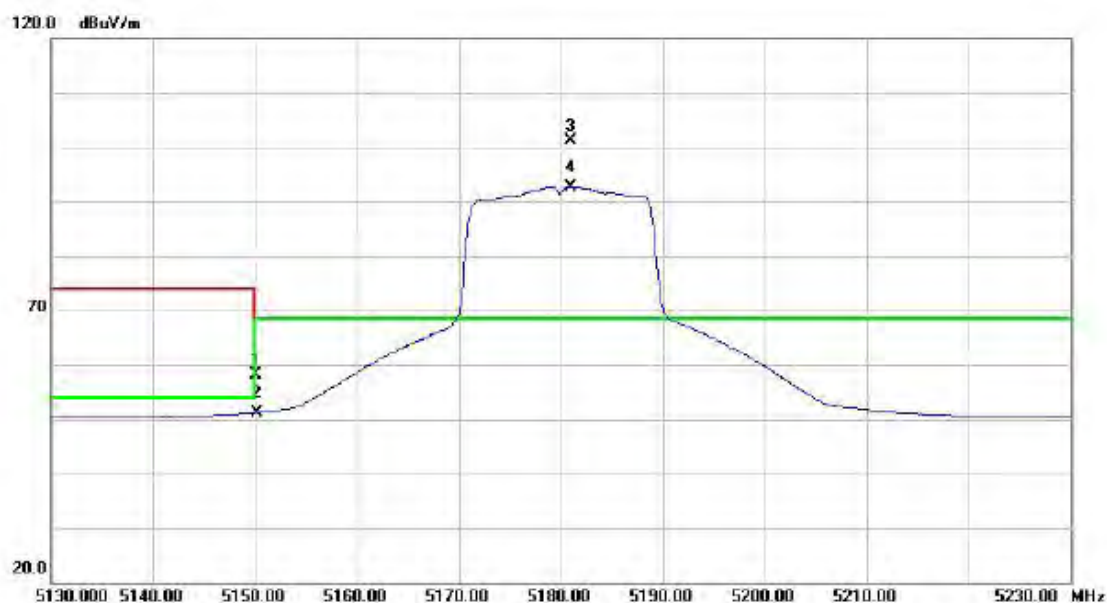
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10358.00	48.59	17.73	66.32	68.30	-1.98	peak	
2		10358.00	37.26	17.73	54.99	68.30	-13.31	AVG	
3		15541.25	46.57	19.30	65.87	74.00	-8.13	peak	
4	*	15541.25	33.56	19.30	52.86	54.00	-1.14	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	20.45	37.74	58.19	68.30	-10.11	peak	
2		5150.000	13.51	37.74	51.25	54.00	-2.75	AVG	
3	*	5181.000	63.38	37.85	101.23	68.30	32.93	peak	NO LIMIT
4	X	5181.000	54.89	37.85	92.74	68.30	24.44	AVG	NO LIMIT

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

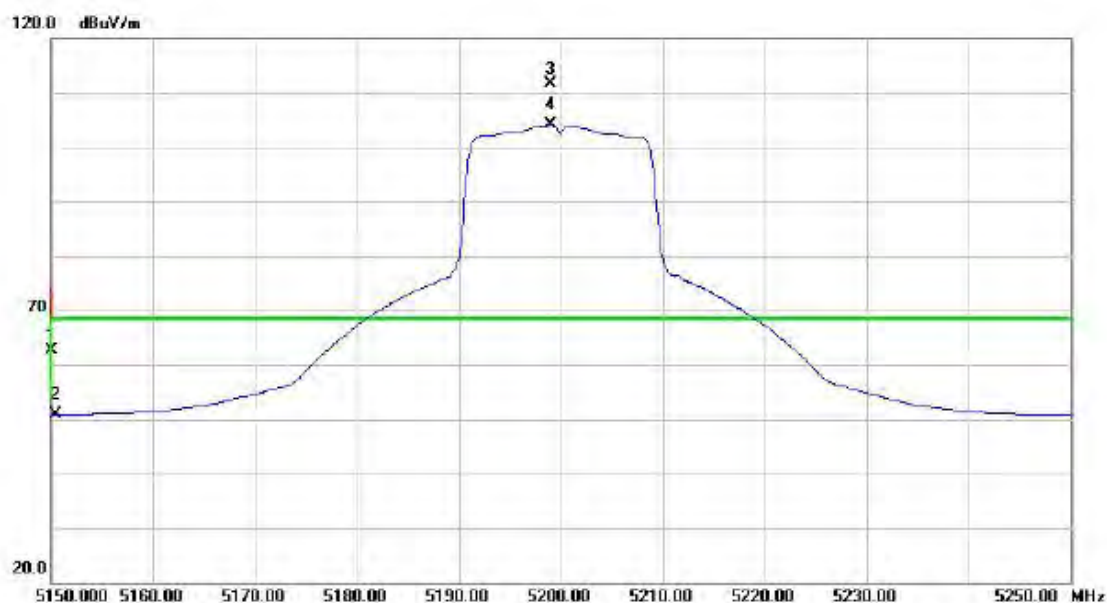
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10358.00	48.67	17.73	66.40	68.30	-1.90	peak	
2		10358.00	36.52	17.73	54.25	68.30	-14.05	AVG	
3		15539.25	47.44	19.31	66.75	74.00	-7.25	peak	
4	*	15539.25	33.47	19.31	52.78	54.00	-1.22	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	24.96	37.74	62.70	68.30	-5.60	peak	
2		5150.000	13.11	37.74	50.85	54.00	-3.15	AVG	
3	*	5199.000	73.68	37.91	111.59	68.30	43.29	peak	NO LIMIT
4	X	5199.000	66.13	37.91	104.04	68.30	35.74	AVG	NO LIMIT

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

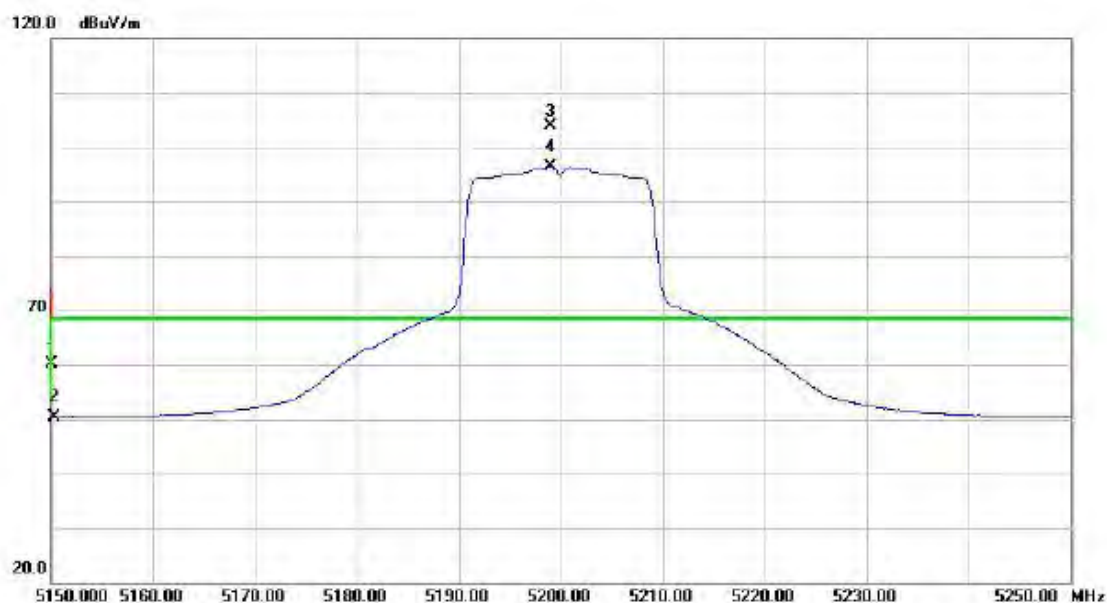
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10393.50	49.39	17.89	67.28	68.30	-1.02	peak	
2		10393.50	36.63	17.89	54.52	68.30	-13.78	AVG	
3		15600.00	46.64	19.32	65.96	74.00	-8.04	peak	
4	*	15600.00	33.67	19.32	52.99	54.00	-1.01	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.39	37.74	60.13	68.30	-8.17	peak	
2		5150.000	12.73	37.74	50.47	54.00	-3.53	AVG	
3	*	5199.000	65.85	37.91	103.76	68.30	35.46	peak	NO LIMIT
4	X	5199.000	58.40	37.91	96.31	68.30	28.01	AVG	NO LIMIT

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

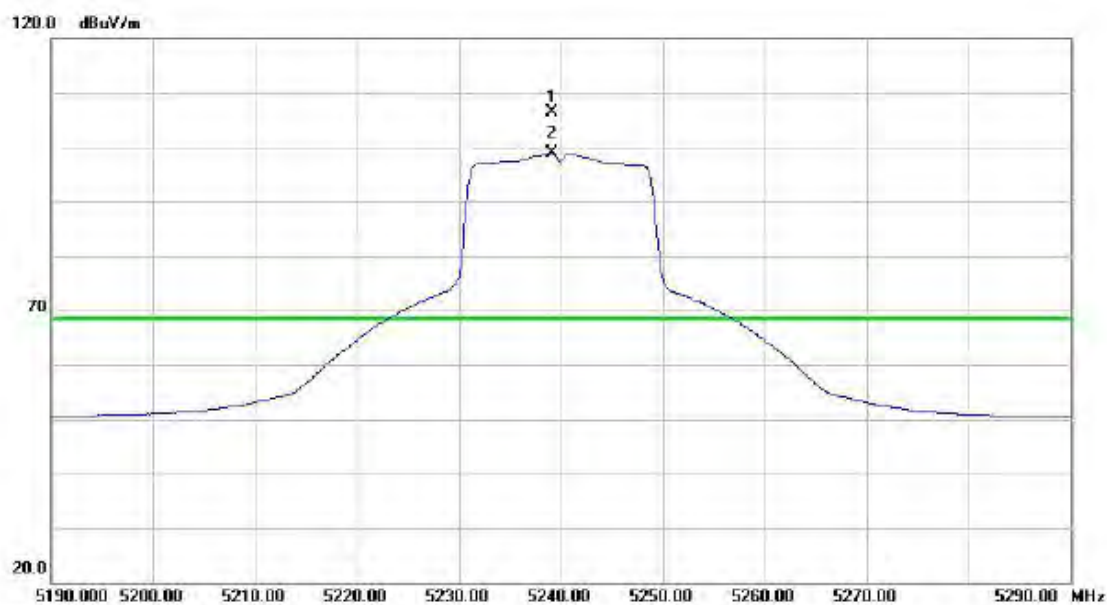
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10400.30	49.22	17.92	67.14	68.30	-1.16	peak	
2		10400.30	37.03	17.92	54.95	68.30	-13.35	AVG	
3		15600.00	47.20	19.32	66.52	74.00	-7.48	peak	
4		15600.00	32.58	19.32	51.90	54.00	-2.10	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5239.100	68.21	38.05	106.26	68.30	37.96	peak	NO LIMIT
2	X	5239.100	60.72	38.05	98.77	68.30	30.47	AVG	NO LIMIT

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

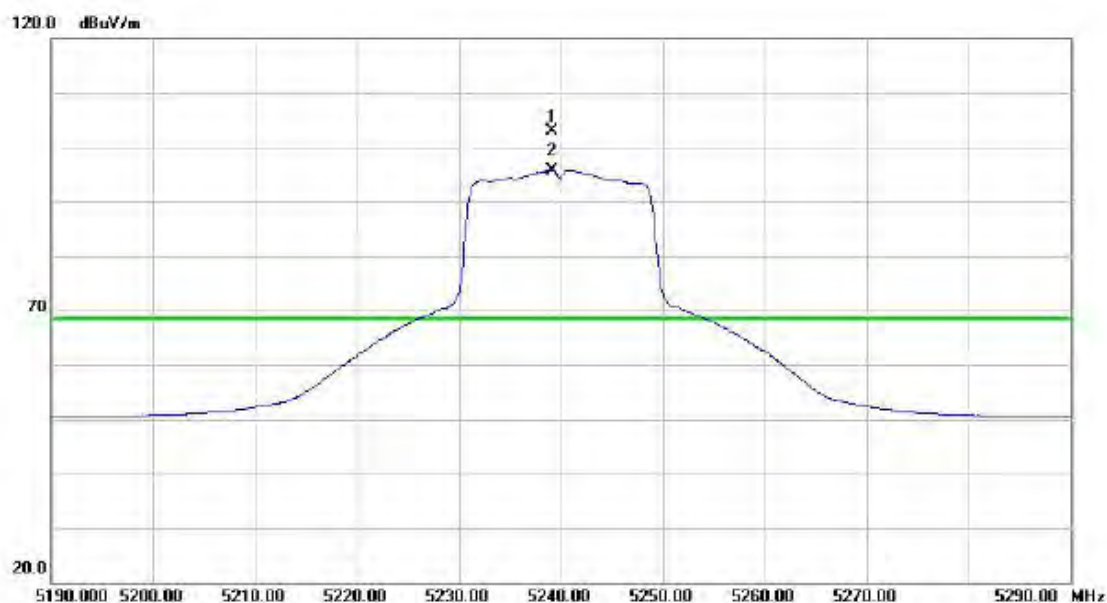
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10476.00	47.73	18.27	66.00	68.30	-2.30	peak	
2		10476.00	35.96	18.27	54.23	68.30	-14.07	AVG	
3		15721.75	47.22	19.37	66.59	74.00	-7.41	peak	
4	*	15721.75	33.29	19.37	52.66	54.00	-1.34	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5239.100	64.87	38.05	102.92	68.30	34.62	peak	NO LIMIT
2	X	5239.100	57.64	38.05	95.69	68.30	27.39	AVG	NO LIMIT

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

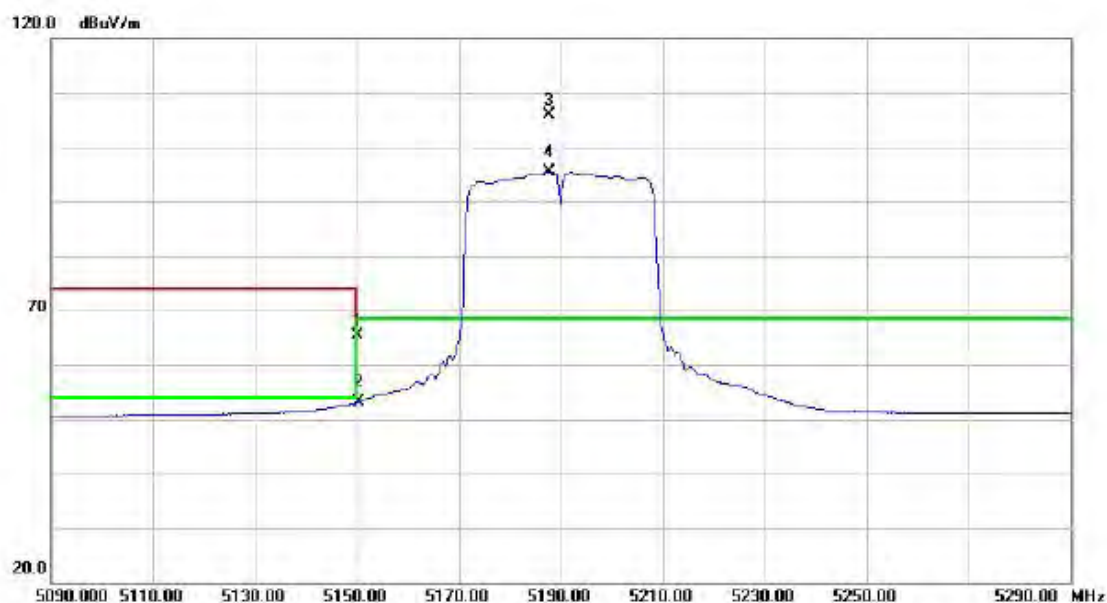
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10478.75	47.50	18.29	65.79	68.30	-2.51	peak	
2		10478.75	36.63	18.29	54.92	68.30	-13.38	AVG	
3		15711.00	47.76	19.36	67.12	74.00	-6.88	peak	
4	*	15711.00	33.63	19.36	52.99	54.00	-1.01	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	27.72	37.74	65.46	68.30	-2.84	peak	
2		5150.000	15.30	37.74	53.04	54.00	-0.96	AVG	
3	*	5187.600	67.98	37.87	105.85	68.30	37.55	peak	NO LIMIT
4	X	5187.600	57.52	37.87	95.39	68.30	27.09	AVG	NO LIMIT

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

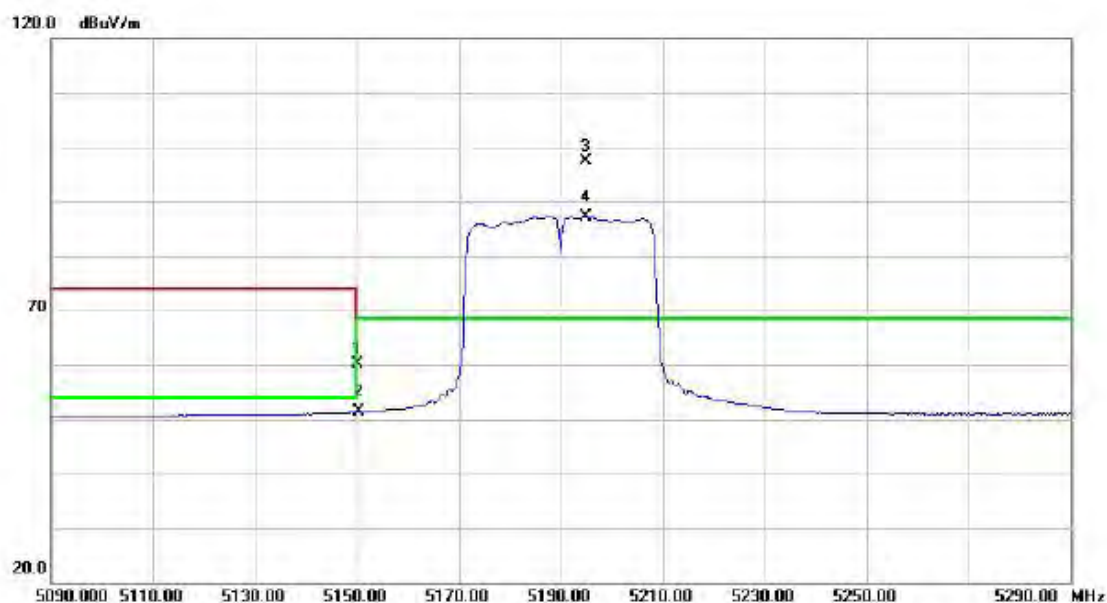
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10388.50	47.76	17.87	65.63	68.30	-2.67	peak	
2		10388.50	35.86	17.87	53.73	68.30	-14.57	AVG	
3		15568.50	46.87	19.31	66.18	74.00	-7.82	peak	
4	*	15568.50	33.56	19.31	52.87	54.00	-1.13	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.49	37.74	60.23	68.30	-8.07	peak	
2		5150.000	13.55	37.74	51.29	54.00	-2.71	AVG	
3	*	5195.000	59.48	37.89	97.37	68.30	29.07	peak	NO LIMIT
4	X	5195.000	49.34	37.89	87.23	68.30	18.93	AVG	NO LIMIT

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

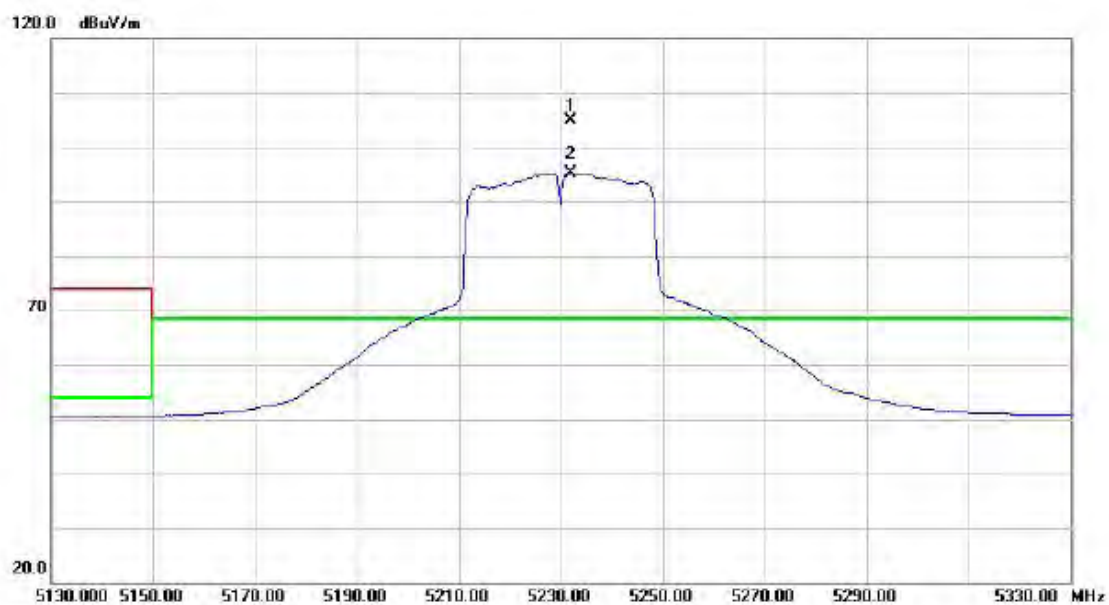
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10376.75	46.84	17.81	64.65	68.30	-3.65	peak	
2		10376.75	33.56	17.81	51.37	68.30	-16.93	AVG	
3		15566.50	46.92	19.31	66.23	74.00	-7.77	peak	
4	*	15566.50	33.30	19.31	52.61	54.00	-1.39	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5232.000	66.82	38.02	104.84	68.30	36.54	peak	NO LIMIT
2	X	5232.000	57.20	38.02	95.22	68.30	26.92	AVG	NO LIMIT

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

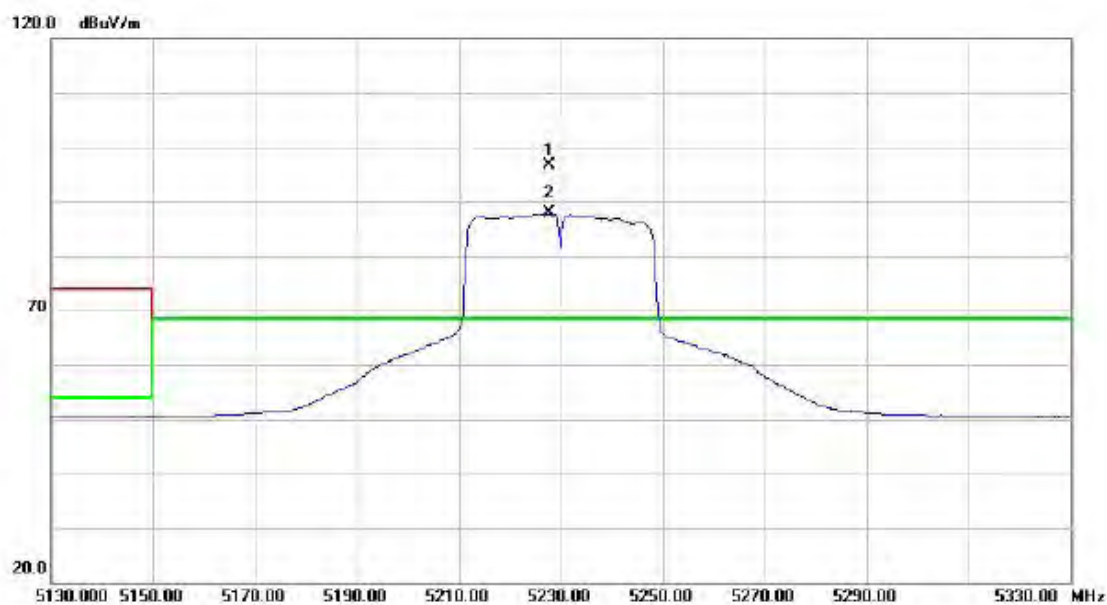
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10468.00	48.91	18.25	67.16	68.30	-1.14	peak	
2		10468.00	36.25	18.25	54.50	68.30	-13.80	AVG	
3		15692.00	48.47	19.36	67.83	74.00	-6.17	peak	
4		15692.00	33.29	19.36	52.65	54.00	-1.35	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5227.600	58.52	38.00	96.52	68.30	28.22	peak	NO LIMIT
2	X	5227.600	49.77	38.00	87.77	68.30	19.47	AVG	NO LIMIT

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

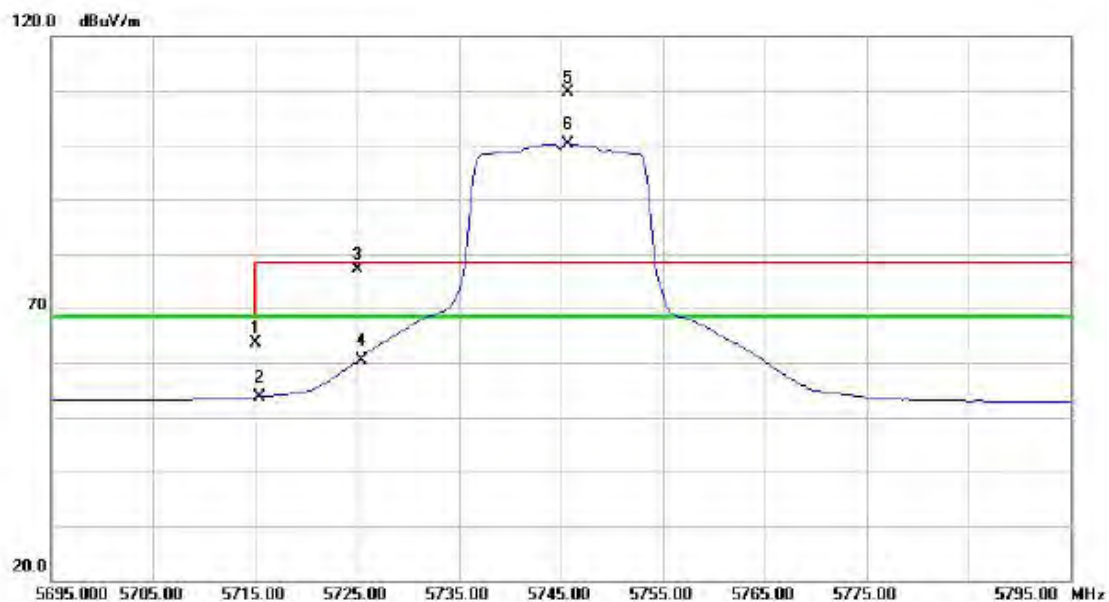
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10463.00	46.96	18.22	65.18	68.30	-3.12	peak	
2		10463.00	33.36	18.22	51.58	68.30	-16.72	AVG	
3		15692.00	48.33	19.36	67.69	74.00	-6.31	peak	
4	*	15692.00	33.63	19.36	52.99	54.00	-1.01	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	24.23	39.43	63.66	68.30	-4.64	peak	
2		5715.000	14.26	39.43	53.69	68.30	-14.61	AVG	
3		5725.000	37.74	39.45	77.19	78.30	-1.11	peak	
4		5725.000	20.86	39.45	60.31	68.30	-7.99	AVG	
5	X	5745.750	70.19	39.50	109.69	78.30	31.39	peak	NO LIMIT
6	*	5745.750	60.75	39.50	100.25	68.30	31.95	AVG	NO LIMIT

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

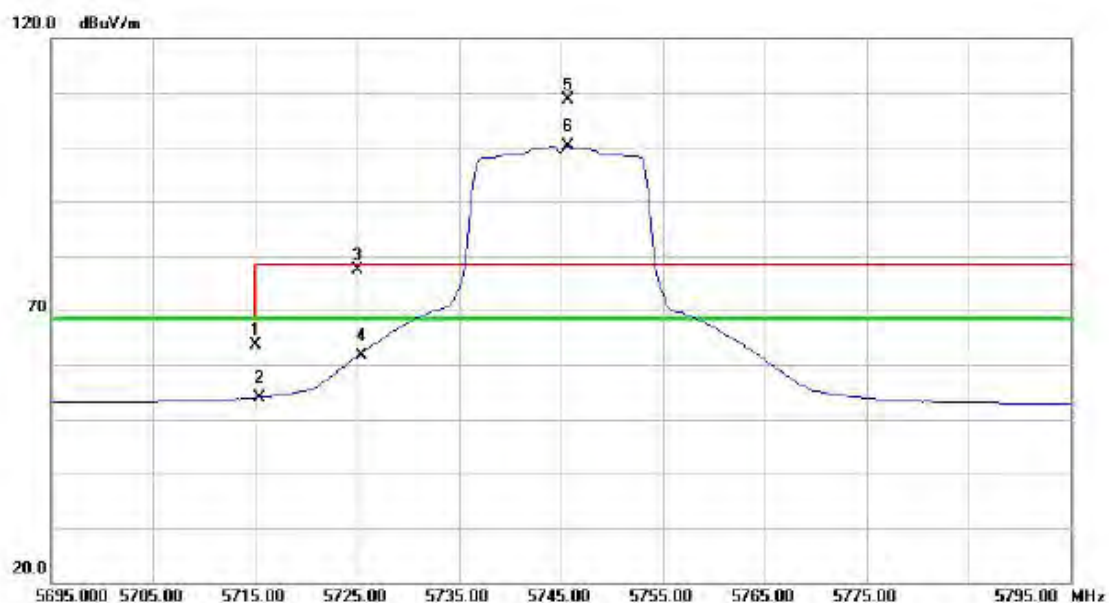
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11476.50	45.89	20.36	66.25	74.00	-7.75	peak	
2	*	11476.50	32.62	20.36	52.98	54.00	-1.02	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	24.12	39.43	63.55	68.30	-4.75	peak	
2		5715.000	14.52	39.43	53.95	68.30	-14.35	AVG	
3		5725.000	37.93	39.45	77.38	78.30	-0.92	peak	
4		5725.000	22.15	39.45	61.60	68.30	-6.70	AVG	
5	X	5745.750	69.21	39.50	108.71	78.30	30.41	peak	NO LIMIT
6	*	5745.750	60.56	39.50	100.06	78.30	31.76	AVG	NO LIMIT

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

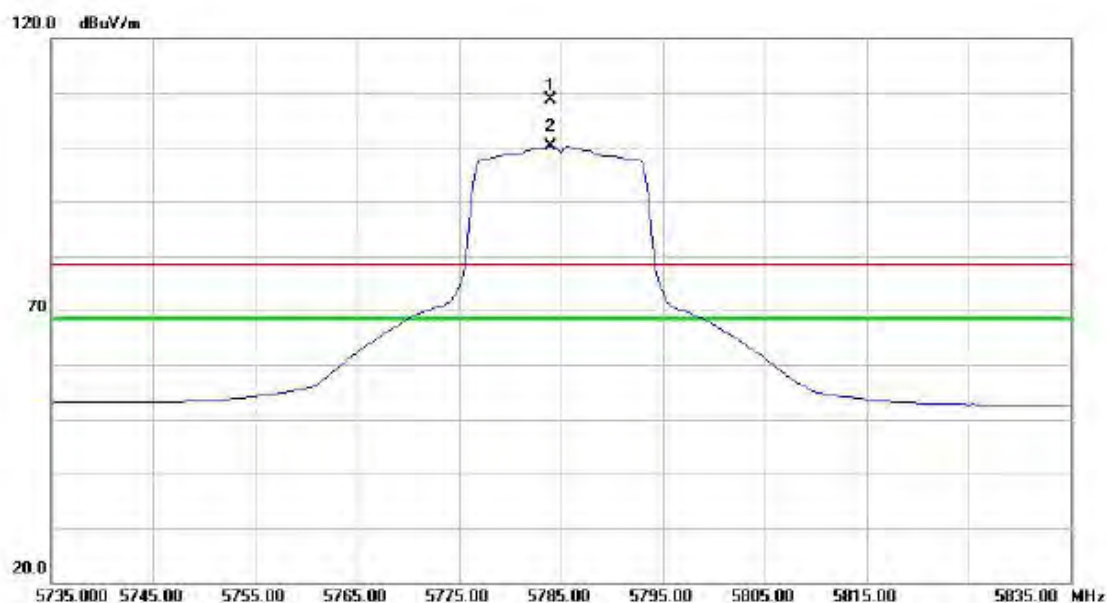
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11489.00	45.69	20.34	66.03	74.00	-7.97	peak	
2	*	11489.00	32.59	20.34	52.93	54.00	-1.07	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5784.000	68.98	39.58	108.56	78.30	30.26	peak	NO LIMIT
2	*	5784.000	60.50	39.58	100.08	68.30	31.78	AVG	NO LIMIT

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

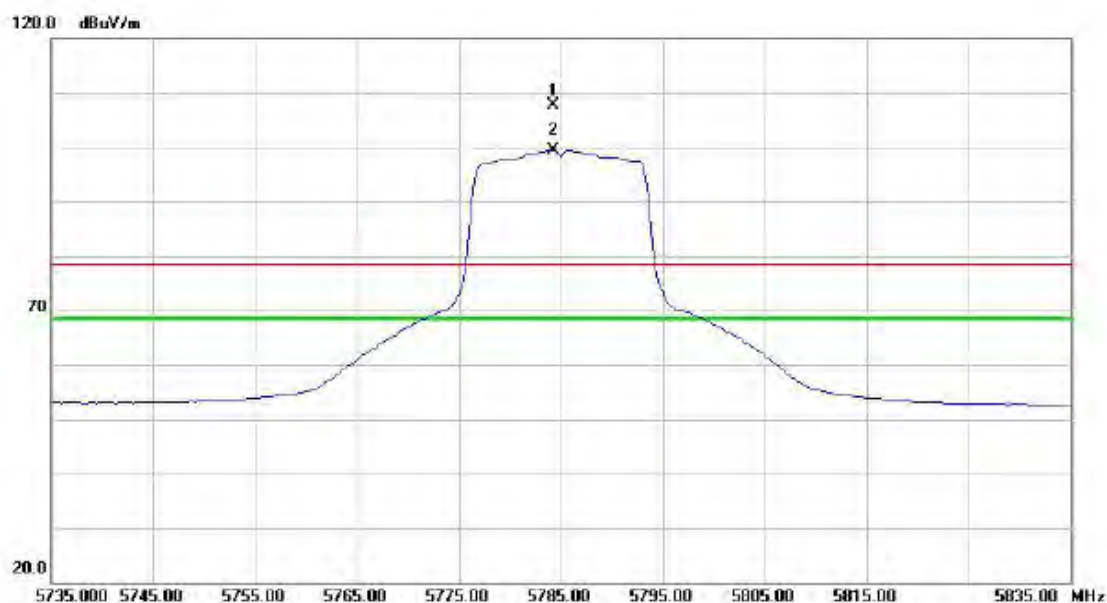
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11567.50	45.11	20.41	65.52	74.00	-8.48	peak	
2	*	11567.50	31.06	20.41	51.47	54.00	-2.53	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5784.250	67.93	39.59	107.52	78.30	29.22	peak	NO LIMIT
2	*	5784.250	59.75	39.59	99.34	68.30	31.04	AVG	NO LIMIT

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

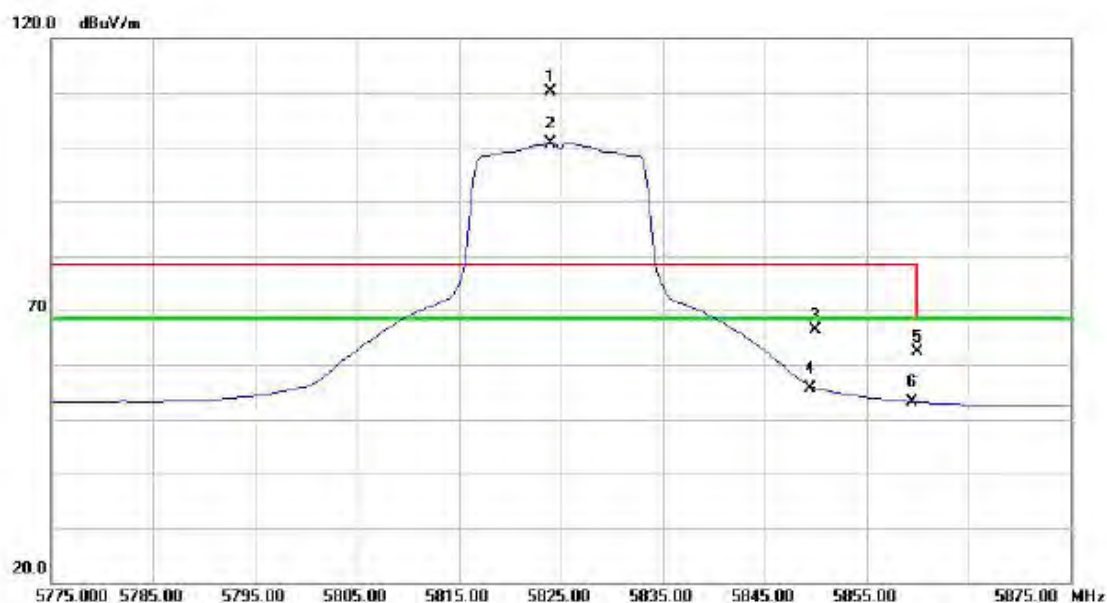
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11571.50	45.72	20.42	66.14	74.00	-7.86	peak	
2	*	11571.50	31.89	20.42	52.31	54.00	-1.69	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5824.000	70.44	39.67	110.11	78.30	31.81	peak	NO LIMIT
2	*	5824.000	61.03	39.67	100.70	68.30	32.40	AVG	NO LIMIT
3		5850.000	26.74	39.73	66.47	78.30	-11.83	peak	
4		5850.000	16.01	39.73	55.74	68.30	-12.56	AVG	
5		5860.000	22.74	39.76	62.50	68.30	-5.80	peak	
6		5860.000	13.35	39.76	53.11	68.30	-15.19	AVG	

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

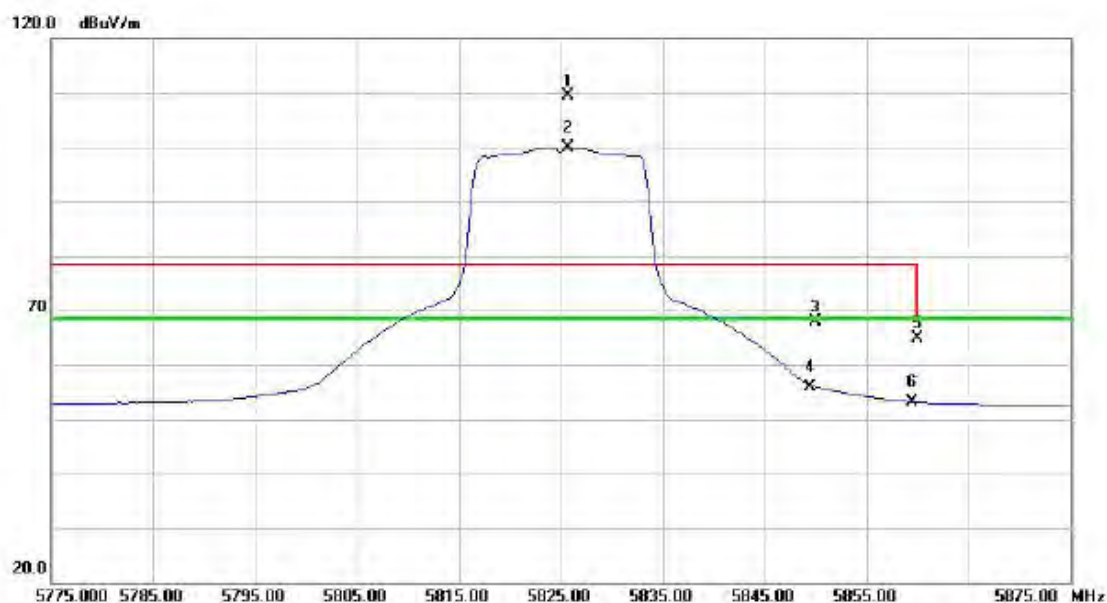
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11651.50	46.27	20.52	66.79	74.00	-7.21	peak	
2	*	11651.50	32.40	20.52	52.92	54.00	-1.08	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5825.750	69.61	39.68	109.29	78.30	30.99	peak	NO LIMIT
2	*	5825.750	60.29	39.68	99.97	68.30	31.67	AVG	NO LIMIT
3		5850.000	28.14	39.73	67.87	78.30	-10.43	peak	
4		5850.000	16.19	39.73	55.92	68.30	-12.38	AVG	
5		5860.000	25.17	39.76	64.93	68.30	-3.37	peak	
6		5860.000	13.37	39.76	53.13	68.30	-15.17	AVG	

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

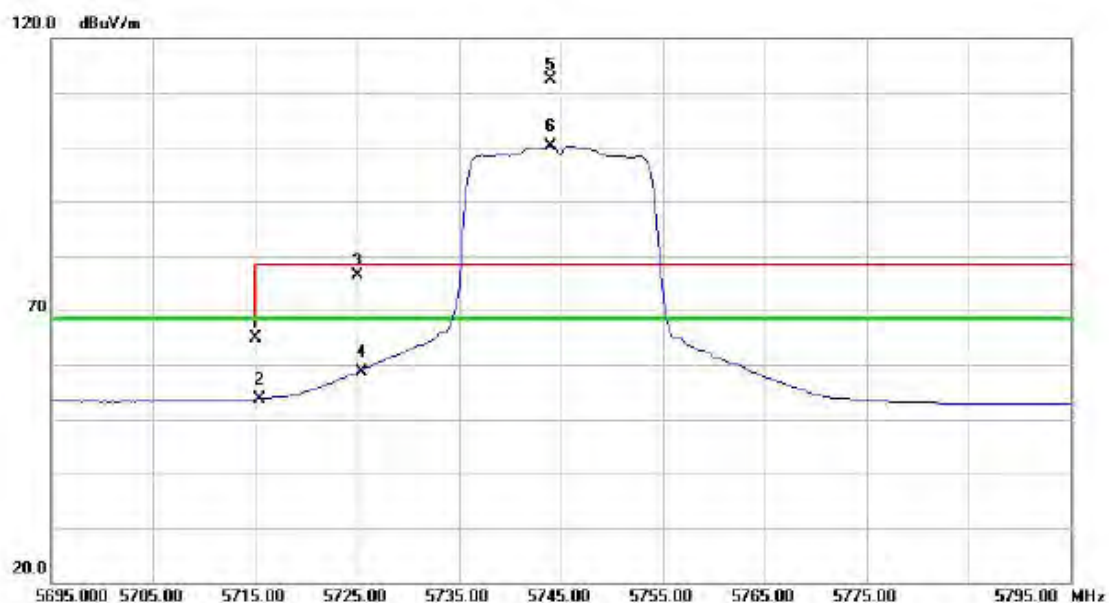
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11644.50	46.34	20.50	66.84	74.00	-7.16	peak	
2	*	11644.50	32.13	20.50	52.63	54.00	-1.37	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	25.57	39.43	65.00	68.30	-3.30	peak	
2		5715.000	14.27	39.43	53.70	68.30	-14.60	AVG	
3		5725.000	37.01	39.45	76.46	78.30	-1.84	peak	
4		5725.000	19.12	39.45	58.57	68.30	-9.73	AVG	
5	*	5744.000	72.88	39.50	112.38	78.30	34.08	peak	NO LIMIT
6	X	5744.000	60.57	39.50	100.07	68.30	31.77	AVG	NO LIMIT

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

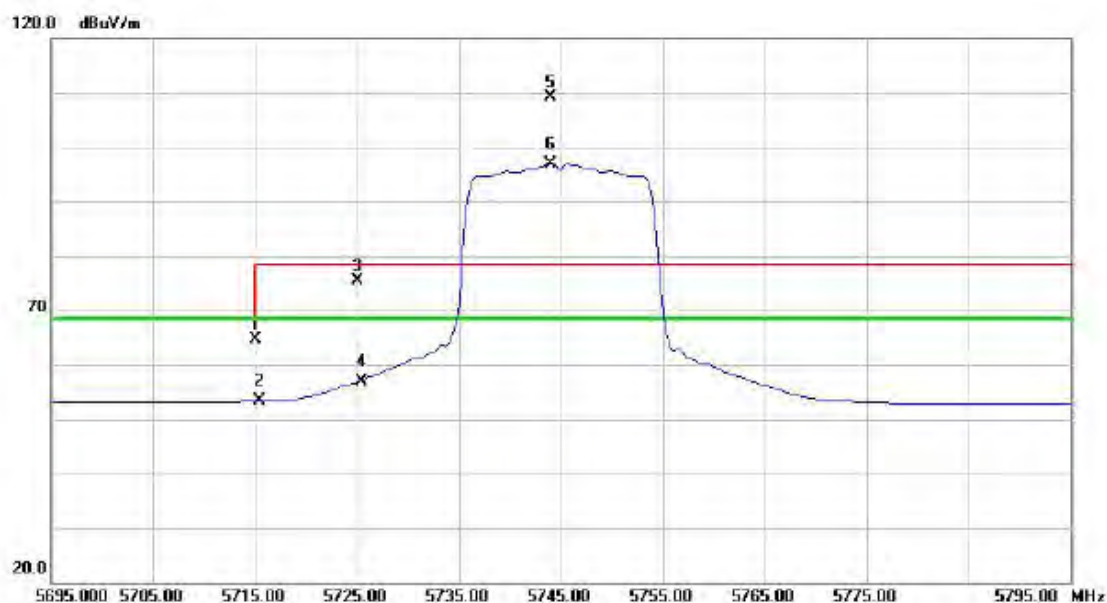
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11489.50	46.12	20.34	66.46	74.00	-7.54	peak	
2	*	11489.50	32.60	20.34	52.94	54.00	-1.06	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	25.18	39.43	64.61	68.30	-3.69	peak	
2		5715.000	13.87	39.43	53.30	68.30	-15.00	AVG	
3		5725.000	35.95	39.45	75.40	78.30	-2.90	peak	
4		5725.000	17.52	39.45	56.97	68.30	-11.33	AVG	
5	*	5744.000	69.57	39.50	109.07	78.30	30.77	peak	NO LIMIT
6	X	5744.000	57.32	39.50	96.82	68.30	28.52	AVG	NO LIMIT

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

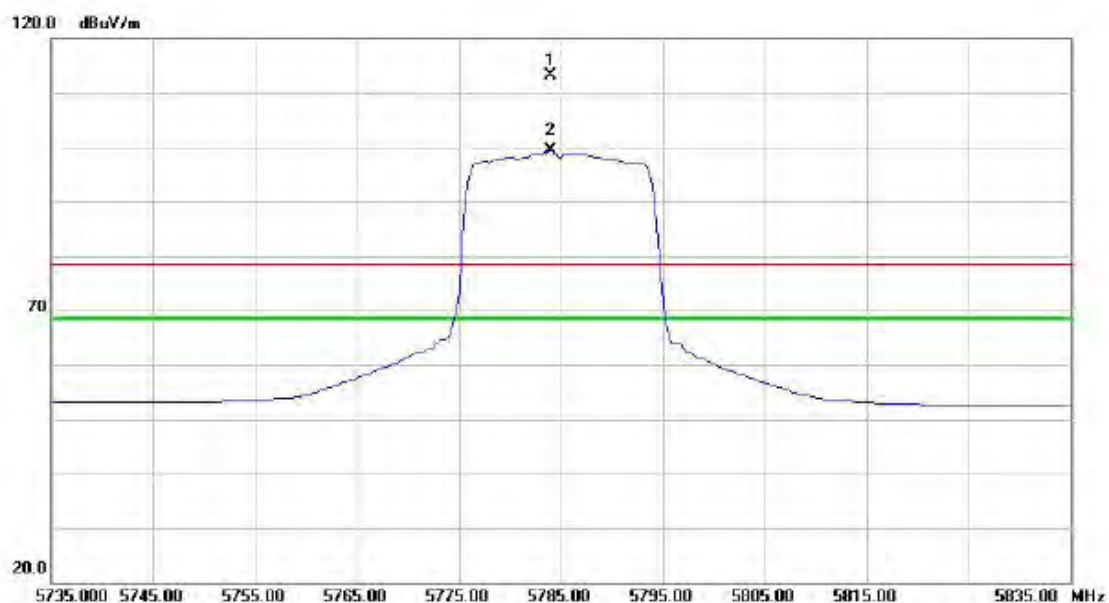
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11483.50	45.32	20.36	65.68	74.00	-8.32	peak	
2	*	11483.50	31.89	20.36	52.25	54.00	-1.75	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5784.000	73.54	39.58	113.12	78.30	34.82	peak	NO LIMIT
2	X	5784.000	59.70	39.58	99.28	68.30	30.98	AVG	NO LIMIT

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

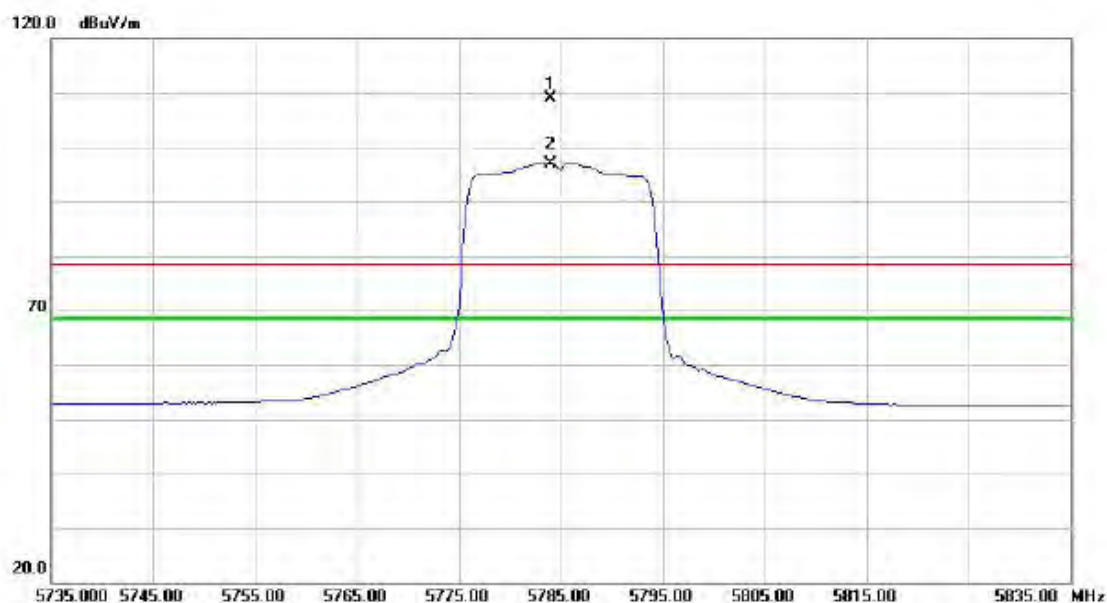
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11568.75	45.18	20.41	65.59	74.00	-8.41	peak	
2	*	11568.75	32.00	20.41	52.41	54.00	-1.59	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5784.000	69.32	39.58	108.90	78.30	30.60	peak	NO LIMIT
2	X	5784.000	57.41	39.58	96.99	68.30	28.69	AVG	NO LIMIT

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

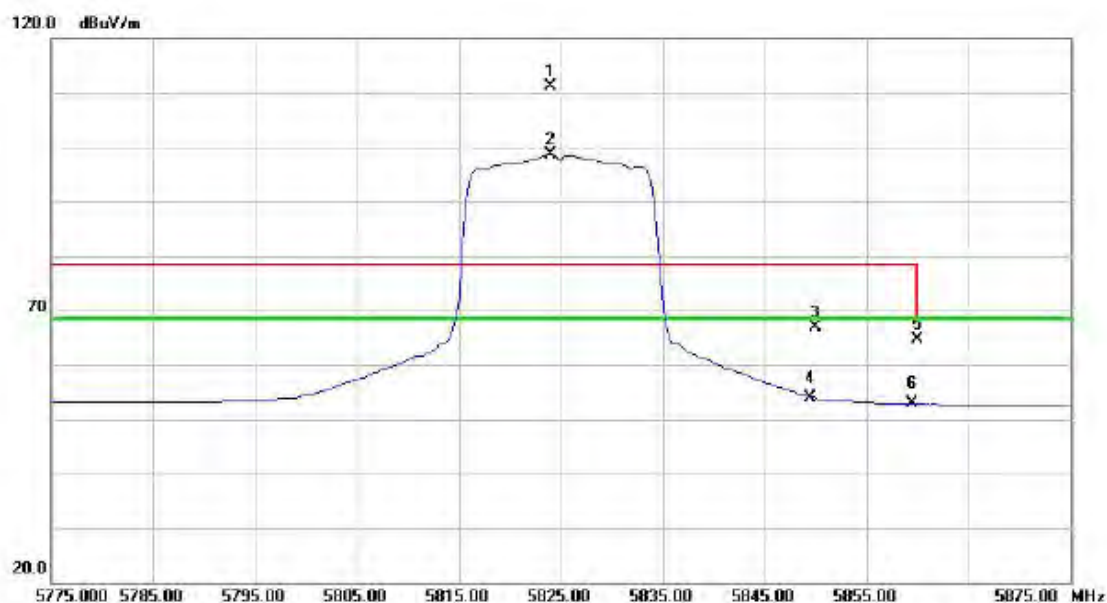
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11575.50	45.66	20.42	66.08	74.00	-7.92	peak	
2	*	11575.50	31.69	20.42	52.11	54.00	-1.89	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5824.000	71.40	39.67	111.07	78.30	32.77	peak	NO LIMIT
2	X	5824.000	59.00	39.67	98.67	78.30	20.37	peak	NO LIMIT
3		5850.000	27.13	39.73	66.86	78.30	-11.44	peak	
4		5850.000	14.15	39.73	53.88	68.30	-14.42	AVG	
5		5860.000	24.75	39.76	64.51	68.30	-3.79	peak	
6		5860.000	13.03	39.76	52.79	68.30	-15.51	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

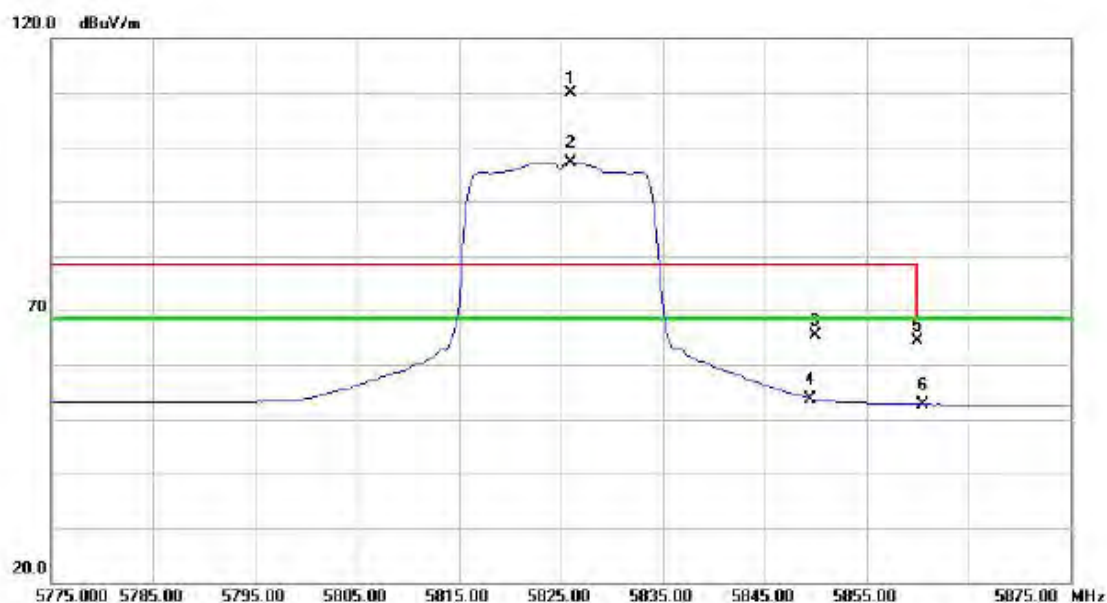
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11651.25	46.30	20.52	66.82	74.00	-7.18	peak	
2	*	11651.25	31.25	20.52	51.77	54.00	-2.23	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5826.000	70.29	39.68	109.97	78.30	31.67	peak	NO LIMIT
2	X	5826.000	57.57	39.68	97.25	68.30	28.95	AVG	NO LIMIT
3		5850.000	25.73	39.73	65.46	78.30	-12.84	peak	
4		5850.000	13.94	39.73	53.67	68.30	-14.63	AVG	
5		5860.000	24.53	39.76	64.29	68.30	-4.01	peak	
6		5860.000	12.99	39.76	52.75	68.30	-15.55	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX N20 Mode 5825MHz

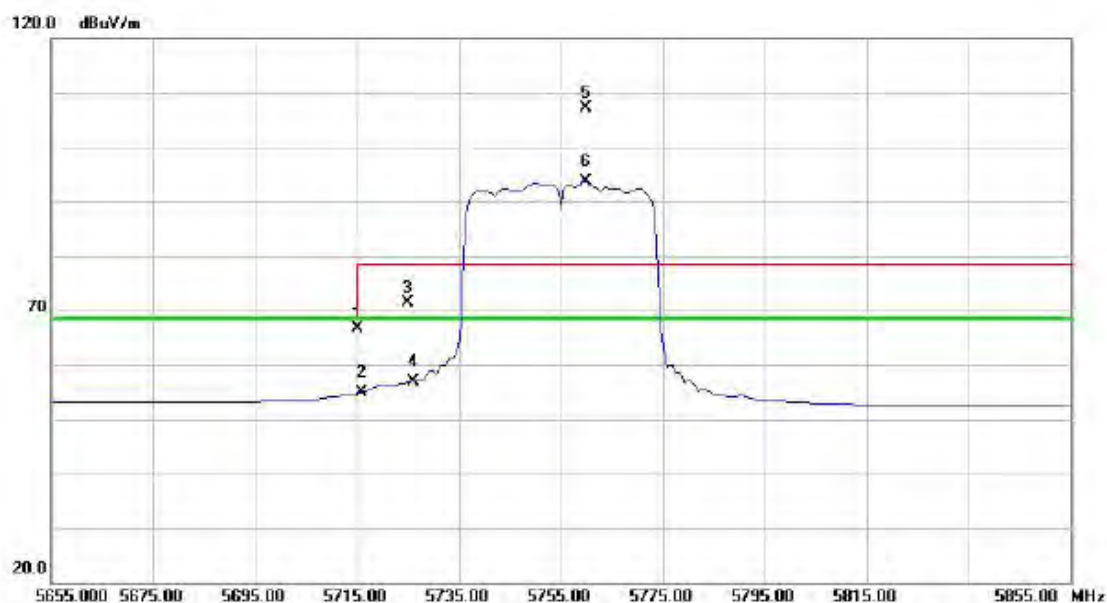
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11643.25	45.75	20.50	66.25	74.00	-7.75	peak	
2	*	11643.25	32.36	20.50	52.86	54.00	-1.14	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	27.31	39.43	66.74	68.30	-1.56	peak	
2		5715.000	15.41	39.43	54.84	68.30	-13.46	AVG	
3		5725.000	31.90	39.45	71.35	78.30	-6.95	peak	
4		5725.000	17.31	39.45	56.76	68.30	-11.54	AVG	
5	*	5760.000	67.56	39.53	107.09	78.30	28.79	peak	NO LIMIT
6	X	5760.000	54.02	39.53	93.55	68.30	25.25	AVG	NO LIMIT

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

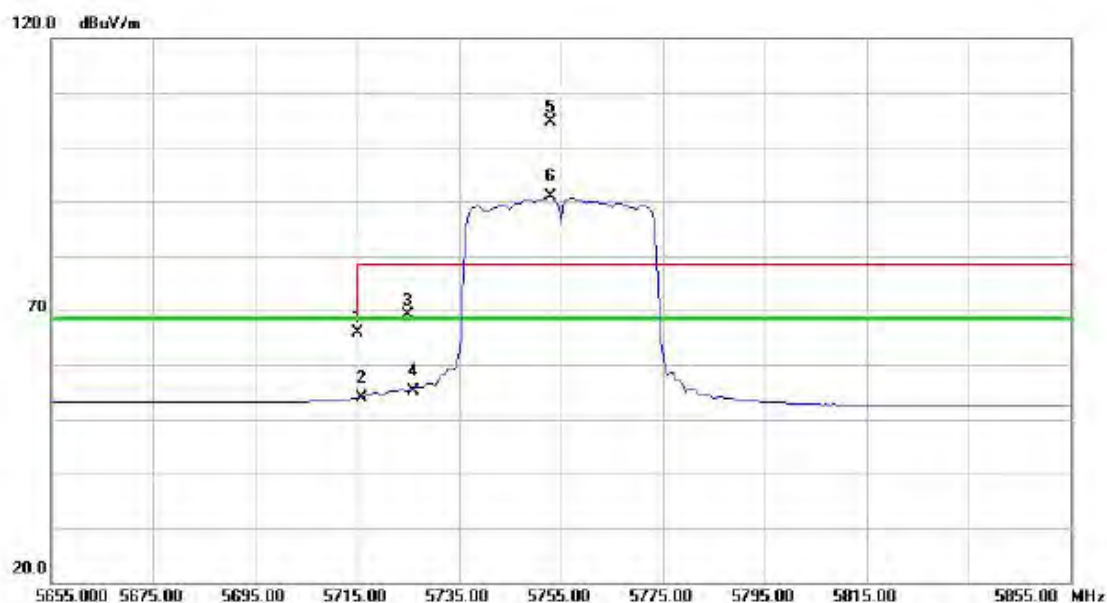
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11512.30	46.63	20.35	66.98	74.00	-7.02	peak	
2	*	11512.30	32.63	20.35	52.98	54.00	-1.02	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	26.33	39.43	65.76	68.30	-2.54	peak	
2		5715.000	14.42	39.43	53.85	68.30	-14.45	AVG	
3		5725.000	29.70	39.45	69.15	78.30	-9.15	peak	
4		5725.000	15.75	39.45	55.20	68.30	-13.10	AVG	
5	*	5753.000	65.08	39.52	104.60	78.30	26.30	peak	NO LIMIT
6	X	5753.000	51.40	39.52	90.92	68.30	22.62	AVG	NO LIMIT

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

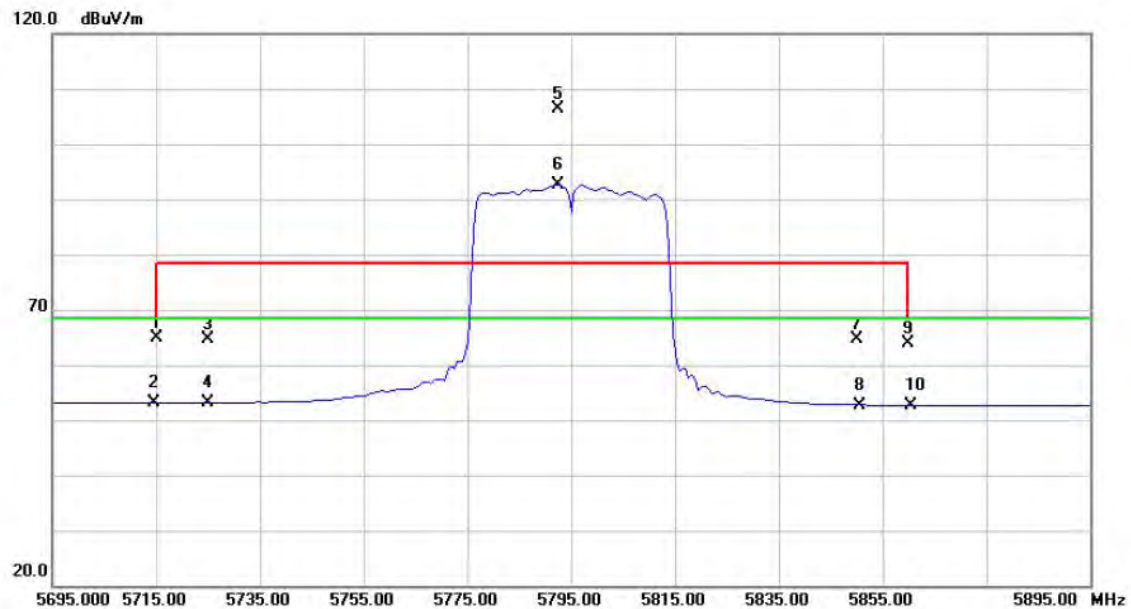
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11512.26	44.56	20.35	64.91	74.00	-9.09	peak	
2	*	11512.26	32.33	20.35	52.68	54.00	-1.32	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	25.50	39.43	64.93	68.30	-3.37	peak	
2		5715.000	13.77	39.43	53.20	68.30	-15.10	AVG	
3		5725.000	25.29	39.45	64.74	78.30	-13.56	peak	
4		5725.000	13.77	39.45	53.22	68.30	-15.08	AVG	
5	*	5792.500	66.68	39.61	106.29	78.30	27.99	peak	NO LIMIT
6	X	5792.500	53.08	39.61	92.69	68.30	24.39	AVG	NO LIMIT
7		5850.000	24.81	39.73	64.54	78.30	-13.76	peak	
8		5850.000	13.02	39.73	52.75	68.30	-15.55	AVG	
9		5860.000	24.19	39.76	63.95	68.30	-4.35	peak	
10		5860.000	12.89	39.76	52.65	68.30	-15.65	AVG	

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

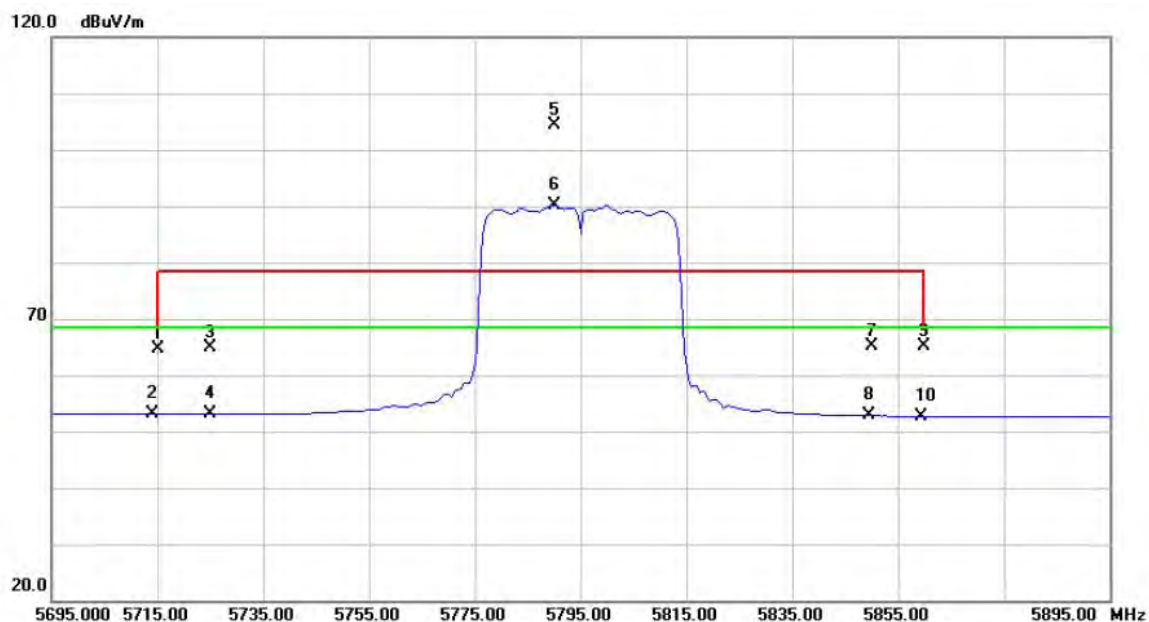
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11593.32	45.06	20.44	65.50	74.00	-8.50	peak	
2	*	11593.32	32.55	20.44	52.99	54.00	-1.01	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	25.24	39.43	64.67	68.30	-3.63	peak	
2		5715.000	13.69	39.43	53.12	68.30	-15.18	AVG	
3		5725.000	25.44	39.45	64.89	78.30	-13.41	peak	
4		5725.000	13.67	39.45	53.12	68.30	-15.18	AVG	
5	*	5790.000	64.89	39.60	104.49	78.30	26.19	peak	NO LIMIT
6	X	5790.000	50.63	39.60	90.23	68.30	21.93	AVG	NO LIMIT
7		5850.000	25.30	39.73	65.03	78.30	-13.27	peak	
8		5850.000	13.06	39.73	52.79	68.30	-15.51	AVG	
9		5860.000	25.31	39.76	65.07	68.30	-3.23	peak	
10		5860.000	12.94	39.76	52.70	68.30	-15.60	AVG	

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

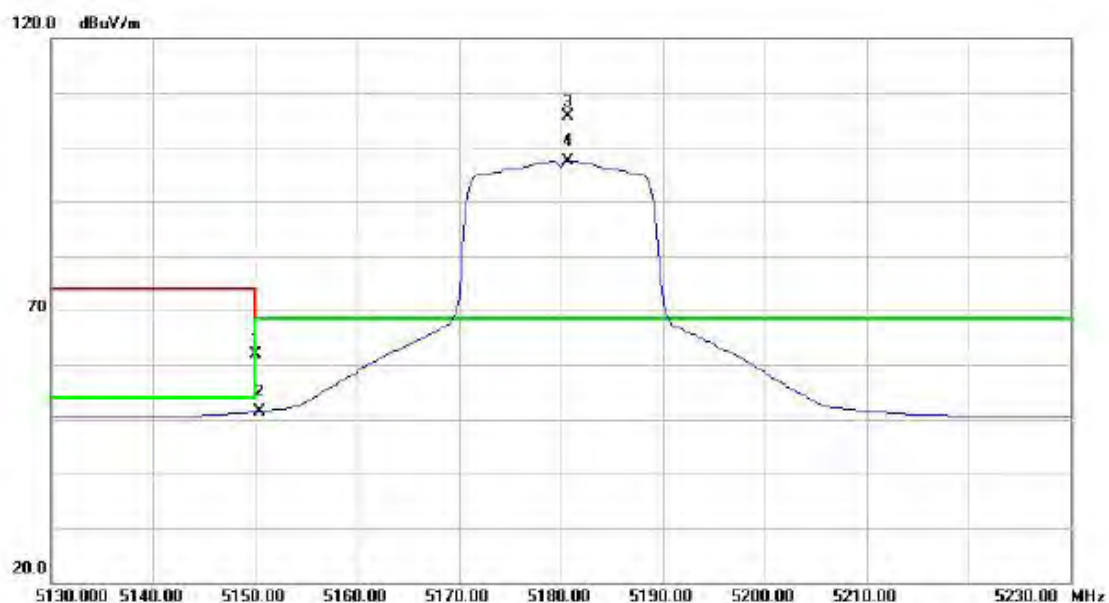
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11592.00	45.86	20.45	66.31	74.00	-7.69	peak	
2	*	11592.00	31.78	20.45	52.23	54.00	-1.77	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	24.14	37.74	61.88	68.30	-6.42	peak	
2		5150.000	13.61	37.74	51.35	54.00	-2.65	AVG	
3	*	5180.750	67.69	37.85	105.54	68.30	37.24	peak	No Limit
4	X	5180.750	59.58	37.85	97.43	68.30	29.13	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10362.27	47.43	17.74	65.17	68.30	-3.13	peak	
2		10362.27	34.31	17.74	52.05	68.30	-16.25	AVG	
3		15541.21	45.43	19.30	64.73	74.00	-9.27	peak	
4	*	15541.21	33.28	19.30	52.58	54.00	-1.42	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.66	37.74	61.40	68.30	-6.90	peak	
2		5150.000	12.93	37.74	50.67	54.00	-3.33	AVG	
3	*	5179.250	61.70	37.85	99.55	68.30	31.25	peak	No Limit
4	X	5179.250	53.33	37.85	91.18	68.30	22.88	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC20 Mode 5180MHz

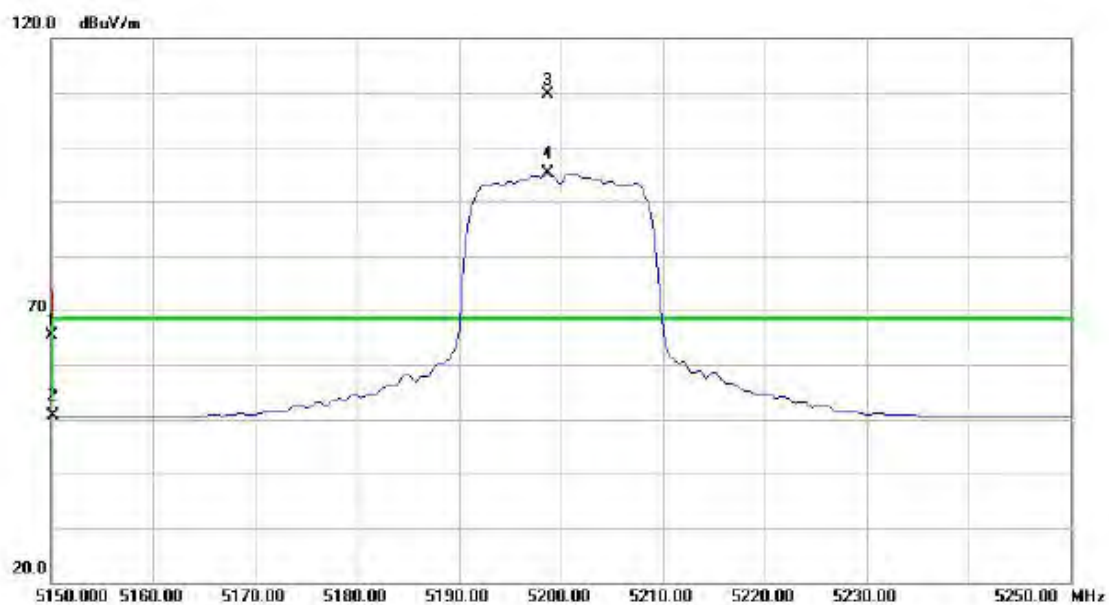
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10359.26	46.75	17.73	64.48	68.30	-3.82	peak	
2		10359.26	34.32	17.73	52.05	68.30	-16.25	AVG	
3		15539.21	44.88	19.31	64.19	74.00	-9.81	peak	
4	*	15539.21	32.91	19.31	52.22	54.00	-1.78	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	27.59	37.74	65.33	68.30	-2.97	peak	
2		5150.000	12.78	37.74	50.52	54.00	-3.48	AVG	
3	*	5198.750	71.64	37.91	109.55	68.30	41.25	peak	NO LIMIT
4	X	5198.750	57.27	37.91	95.18	68.30	26.88	AVG	NO LIMIT

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

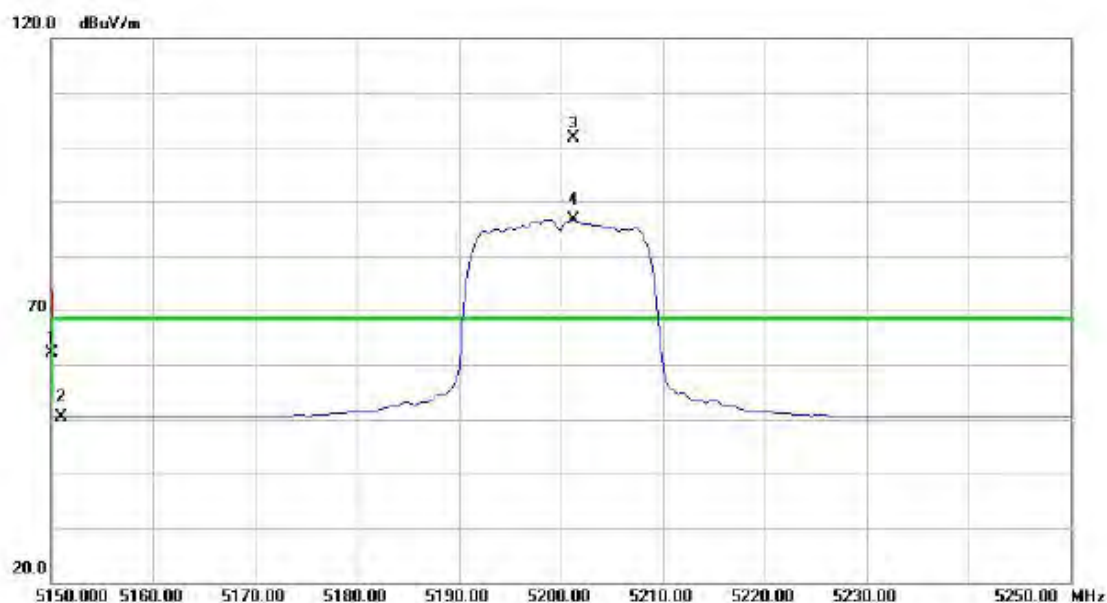
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10401.01	49.28	17.92	67.20	68.30	-1.10	peak	
2		10401.01	35.63	17.92	53.55	68.30	-14.75	AVG	
3		15600.38	44.69	19.32	64.01	74.00	-9.99	peak	
4		15600.38	33.08	19.32	52.40	54.00	-1.60	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	24.38	37.74	62.12	68.30	-6.18	peak	
2		5150.000	12.68	37.74	50.42	54.00	-3.58	AVG	
3	*	5201.250	63.60	37.91	101.51	68.30	33.21	peak	NO LIMIT
4	X	5201.250	48.77	37.91	86.68	68.30	18.38	AVG	NO LIMIT

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

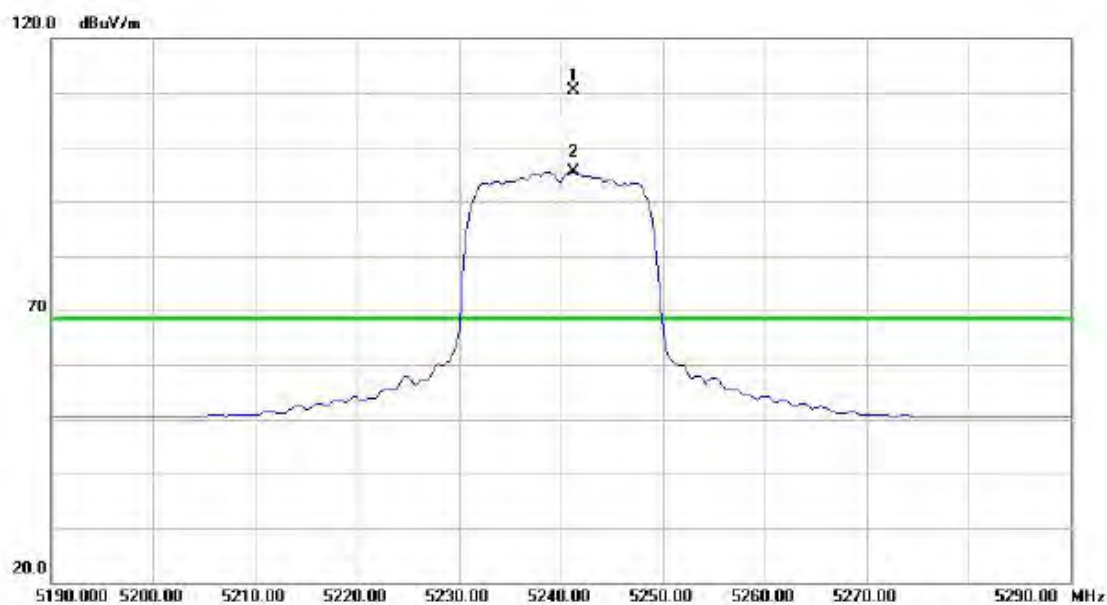
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10401.15	49.07	17.93	67.00	68.30	-1.30	peak	
2		10401.15	35.97	17.93	53.90	68.30	-14.40	AVG	
3		15596.78	44.08	19.31	63.39	74.00	-10.61	peak	
4		15596.78	32.99	19.31	52.30	54.00	-1.70	AVG	

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

Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	5241.250	72.27	38.06	110.33	68.30	42.03	peak	NO LIMIT
2	X	5241.250	57.43	38.06	95.49	68.30	27.19	AVG	NO LIMIT

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

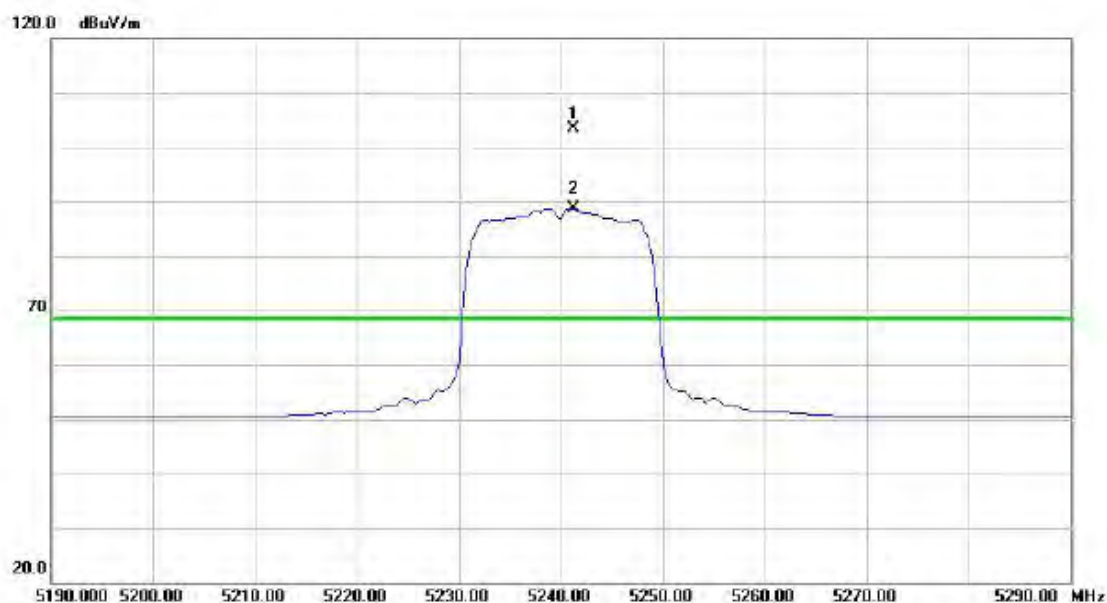
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10483.10	47.28	18.31	65.59	68.30	-2.71	peak	
2		10483.10	34.12	18.31	52.43	68.30	-15.87	AVG	
3		15717.55	44.22	19.37	63.59	74.00	-10.41	peak	
4	*	15717.55	33.21	19.37	52.58	54.00	-1.42	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5241.250	65.23	38.06	103.29	68.30	34.99	peak	NO LIMIT
2	X	5241.250	50.69	38.06	88.75	68.30	20.45	AVG	NO LIMIT

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

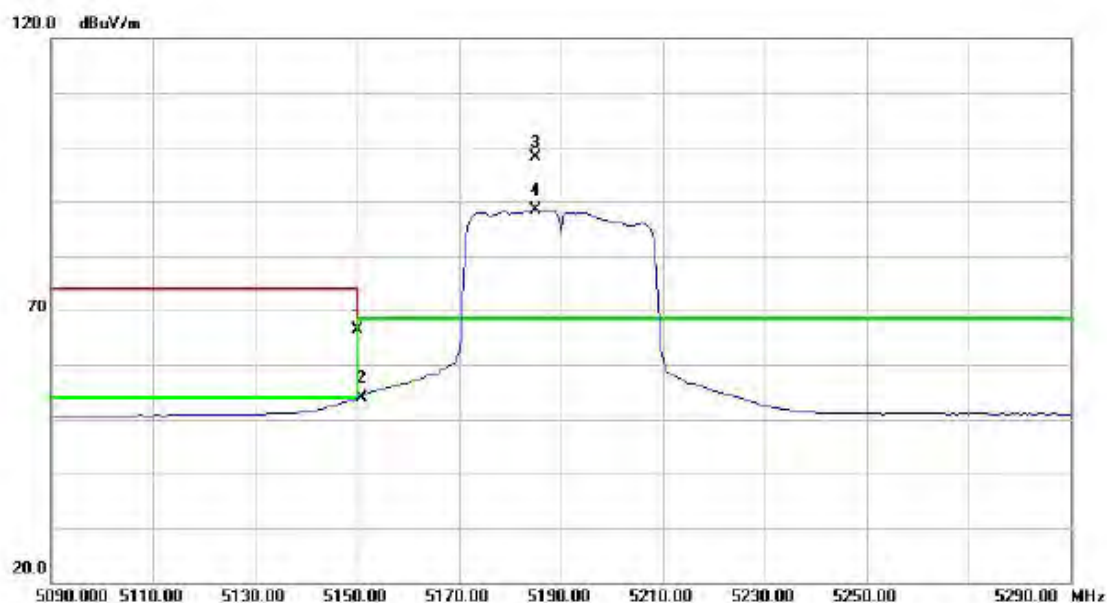
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10482.21	45.87	18.30	64.17	68.30	-4.13	peak	
2		10482.21	32.58	18.30	50.88	68.30	-17.42	AVG	
3		15720.57	44.87	19.36	64.23	74.00	-9.77	peak	
4	*	15720.57	33.37	19.36	52.73	54.00	-1.27	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	28.60	37.74	66.34	68.30	-1.96	peak	
2		5150.000	16.08	37.74	53.82	54.00	-0.18	AVG	
3	*	5185.000	60.20	37.86	98.06	68.30	29.76	peak	No Limit
4	X	5185.000	50.52	37.86	88.38	68.30	20.08	AVG	No Limit

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

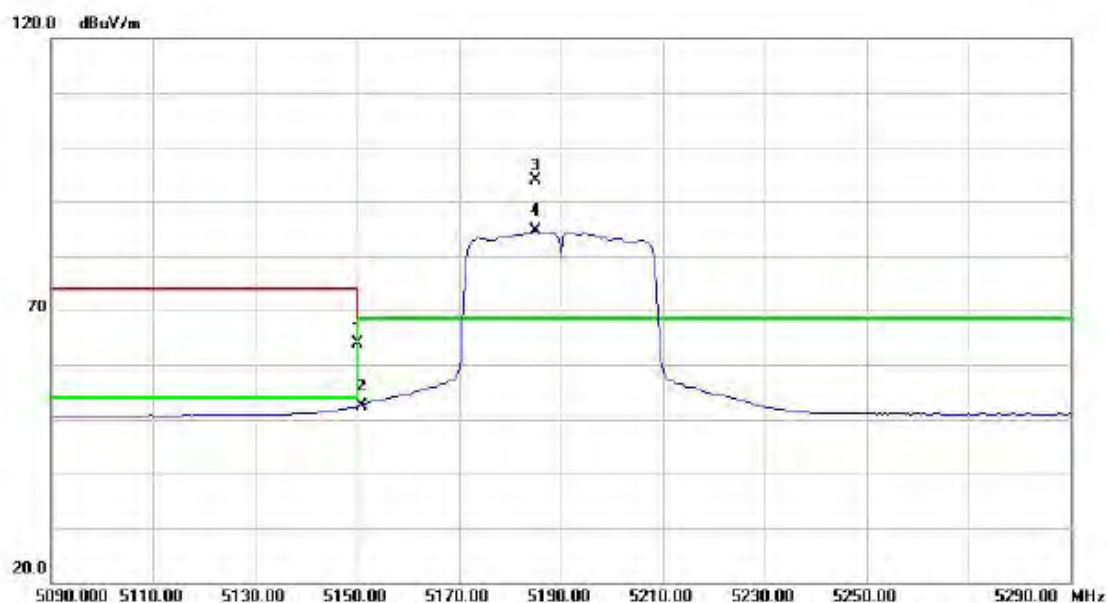
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10375.00	47.56	17.80	65.36	68.30	-2.94	peak	
2		10375.00	33.53	17.80	51.33	68.30	-16.97	AVG	
3		15563.35	45.77	19.31	65.08	74.00	-8.92	peak	
4	*	15563.35	31.89	19.31	51.20	54.00	-2.80	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	26.20	37.74	63.94	68.30	-4.36	peak	
2		5150.000	14.65	37.74	52.39	54.00	-1.61	AVG	
3	*	5185.000	56.10	37.86	93.96	68.30	25.66	peak	No Limit
4	X	5185.000	46.68	37.86	84.54	68.30	16.24	AVG	No Limit

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

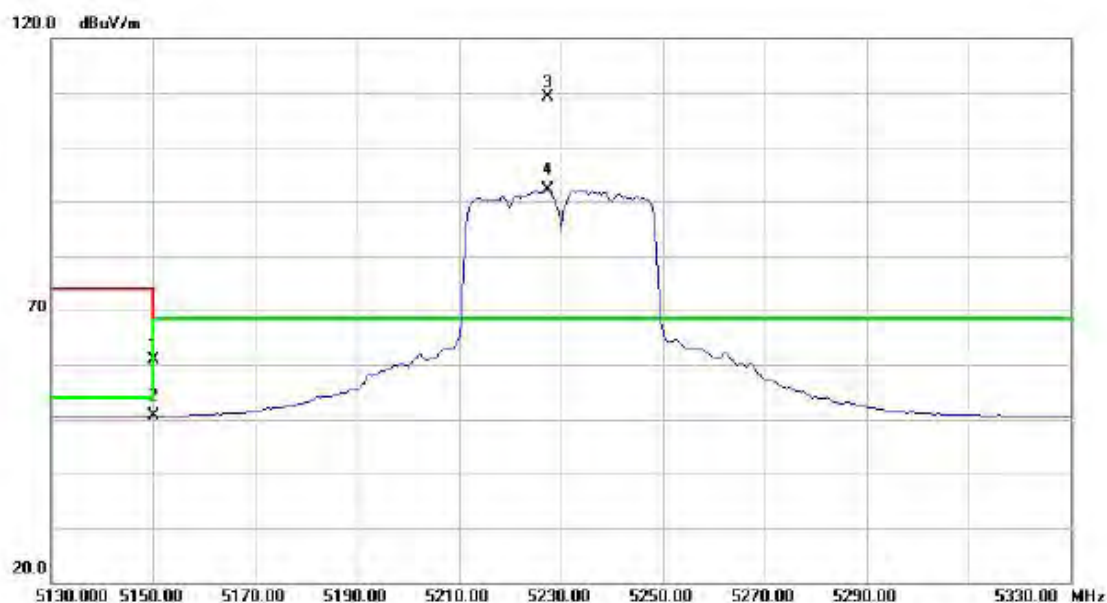
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10382.25	46.36	17.83	64.19	68.30	-4.11	peak	
2		10382.25	33.03	17.83	50.86	68.30	-17.44	AVG	
3		15574.50	45.86	19.32	65.18	74.00	-8.82	peak	
4	*	15574.50	32.59	19.32	51.91	54.00	-2.09	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	23.07	37.74	60.81	68.30	-7.49	peak	
2		5150.000	12.88	37.74	50.62	54.00	-3.38	AVG	
3	*	5227.500	71.05	38.00	109.05	68.30	40.75	peak	NO LIMIT
4	X	5227.500	54.24	38.00	92.24	68.30	23.94	AVG	NO LIMIT

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

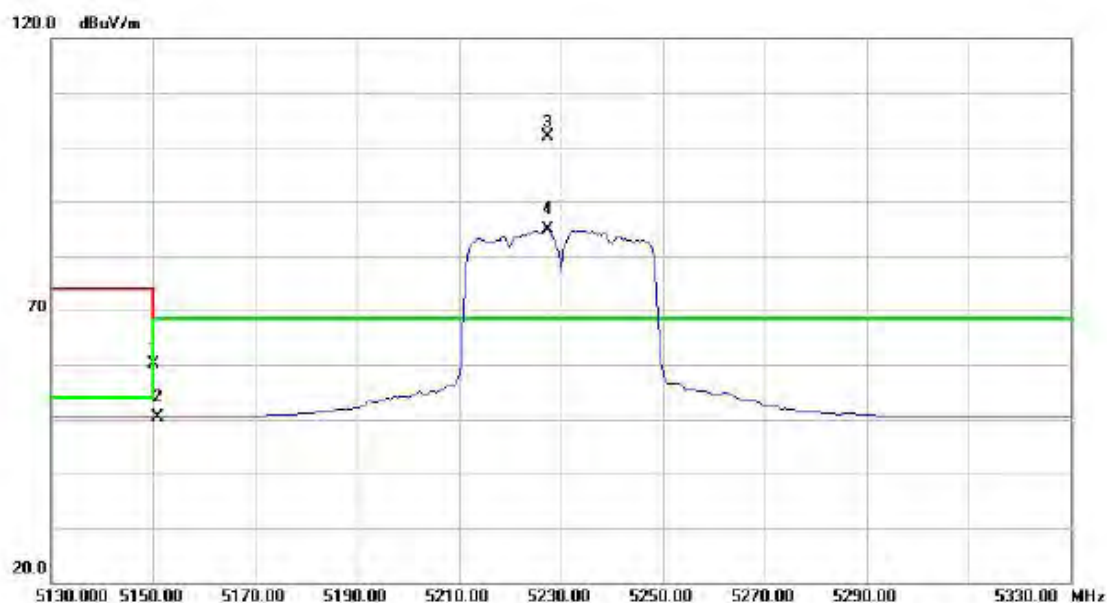
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10458.50	46.85	18.20	65.05	68.30	-3.25	peak	
2		10458.50	34.26	18.20	52.46	68.30	-15.84	AVG	
3		15695.35	45.76	19.36	65.12	74.00	-8.88	peak	
4	*	15695.35	33.59	19.36	52.95	54.00	-1.05	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	22.32	37.74	60.06	68.30	-8.24	peak	
2		5150.000	12.70	37.74	50.44	54.00	-3.56	AVG	
3	*	5227.500	63.87	38.00	101.87	68.30	33.57	peak	NO LIMIT
4	X	5227.500	46.77	38.00	84.77	68.30	16.47	AVG	NO LIMIT

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

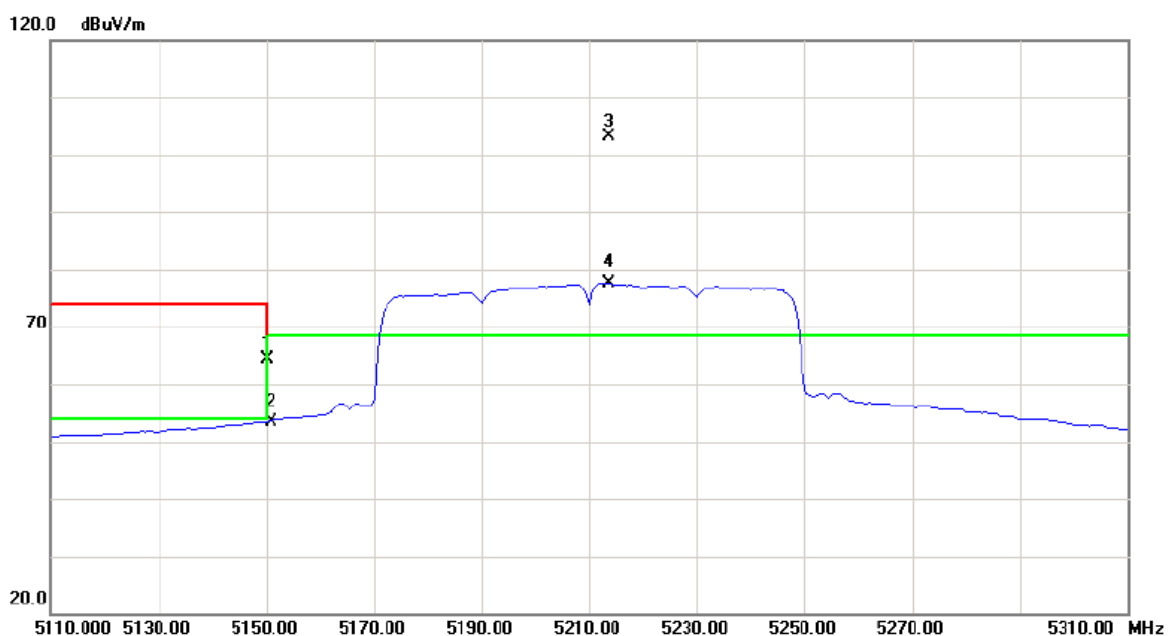
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10462.30	45.85	18.21	64.06	68.30	-4.24	peak	
2		10462.30	33.32	18.21	51.53	68.30	-16.77	AVG	
3		15690.50	45.57	19.35	64.92	74.00	-9.08	peak	
4	*	15690.50	33.36	19.35	52.71	54.00	-1.29	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	26.69	37.74	64.43	68.30	-3.87	peak	
2		5150.000	15.69	37.74	53.43	54.00	-0.57	AVG	
3	*	5213.500	65.20	37.96	103.16	68.30	34.86	peak	No Limit
4	X	5213.500	39.66	37.96	77.62	68.30	9.32	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

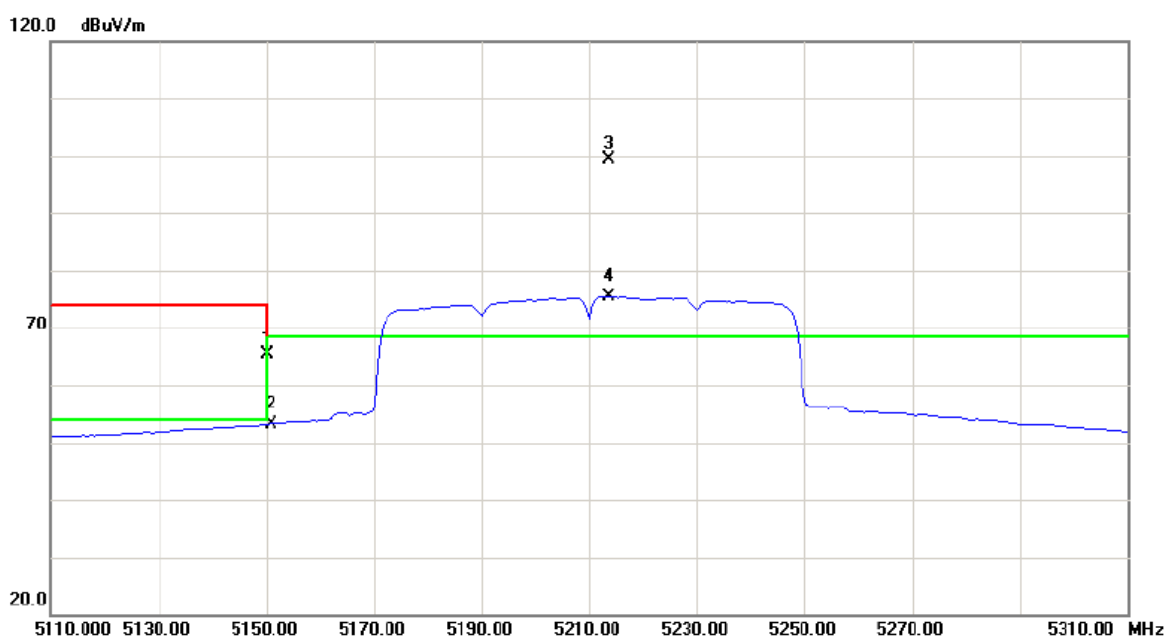
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10422.50	46.88	18.03	64.91	68.30	-3.39	peak	
2		10422.50	34.32	18.03	52.35	68.30	-15.95	AVG	
3		15628.50	45.78	19.34	65.12	74.00	-8.88	peak	
4	*	15628.50	33.34	19.34	52.68	54.00	-1.32	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	27.66	37.74	65.40	68.30	-2.90	peak	
2		5150.000	15.38	37.74	53.12	54.00	-0.88	AVG	
3	*	5213.500	61.44	37.96	99.40	68.30	31.10	peak	No Limit
4	X	5213.500	37.50	37.96	75.46	68.30	7.16	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-1/ TX AC80 Mode 5210MHz

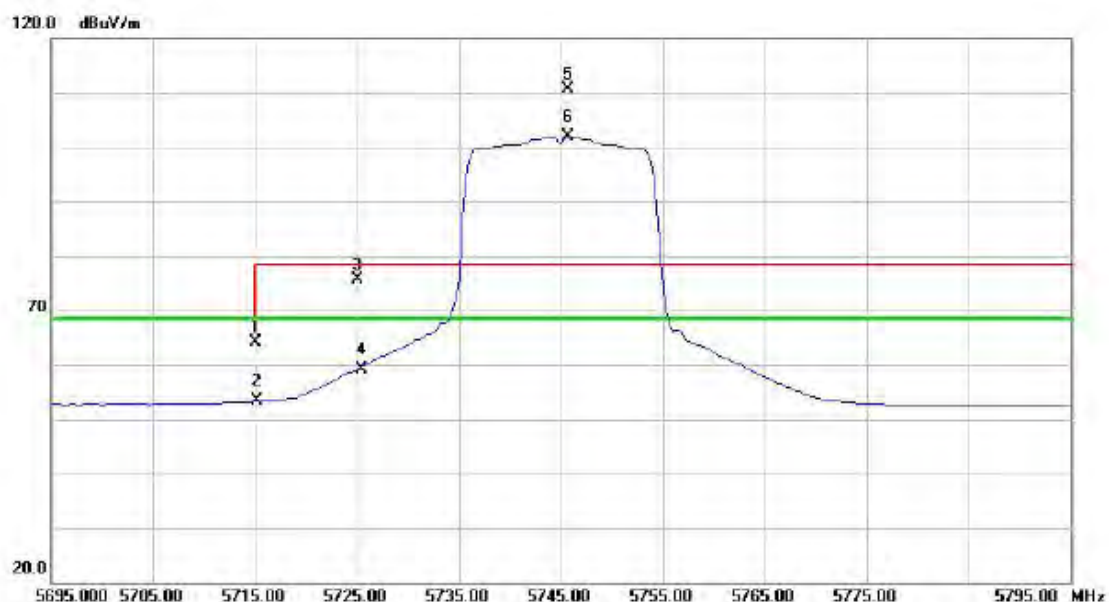
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10423.20	48.03	18.04	66.07	68.30	-2.23	peak	
2		10423.20	35.72	18.04	53.76	68.30	-14.54	AVG	
3		15633.00	45.67	19.34	65.01	74.00	-8.99	peak	
4	*	15633.00	33.36	19.34	52.70	54.00	-1.30	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	24.60	39.43	64.03	68.30	-4.27	peak	
2		5715.000	13.84	39.43	53.27	68.30	-15.03	AVG	
3		5725.000	36.20	39.45	75.65	78.30	-2.65	peak	
4		5725.000	19.73	39.45	59.18	68.30	-9.12	AVG	
5	X	5745.750	71.04	39.50	110.54	78.30	32.24	peak	No Limit
6	*	5745.750	62.29	39.50	101.79	68.30	33.49	AVG	No Limit

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

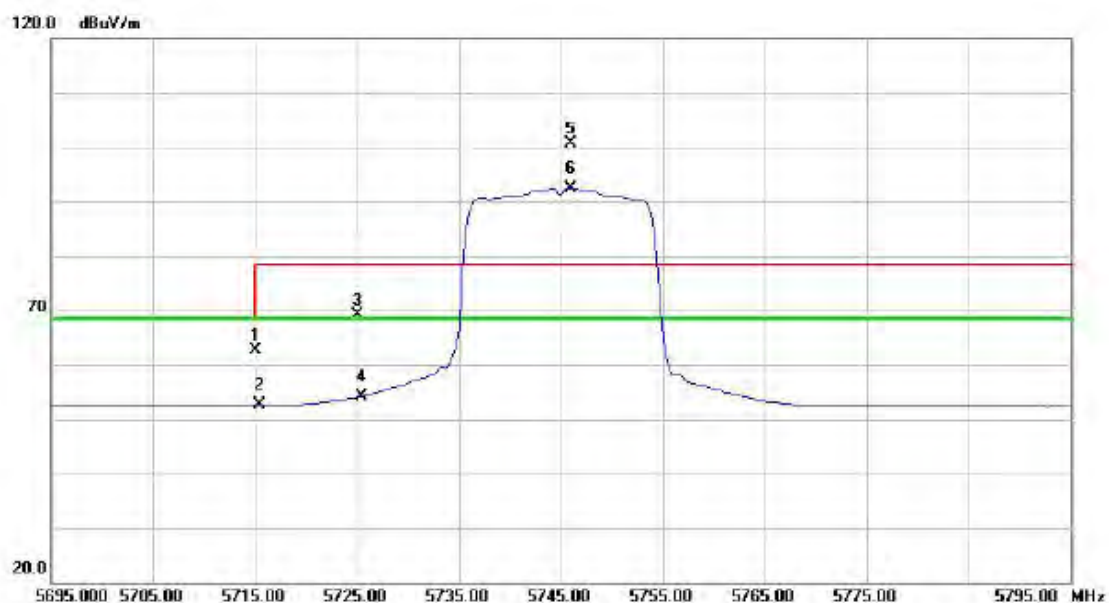
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11493.62	46.30	20.34	66.64	74.00	-7.36	peak	
2	*	11493.62	32.07	20.34	52.41	54.00	-1.59	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	23.22	39.43	62.65	68.30	-5.65	peak	
2		5715.000	13.13	39.43	52.56	68.30	-15.74	AVG	
3		5725.000	29.62	39.45	69.07	78.30	-9.23	peak	
4		5725.000	14.58	39.45	54.03	68.30	-14.27	AVG	
5	X	5746.000	61.10	39.50	100.60	78.30	22.30	peak	No Limit
6	*	5746.000	52.91	39.50	92.41	68.30	24.11	AVG	No Limit

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

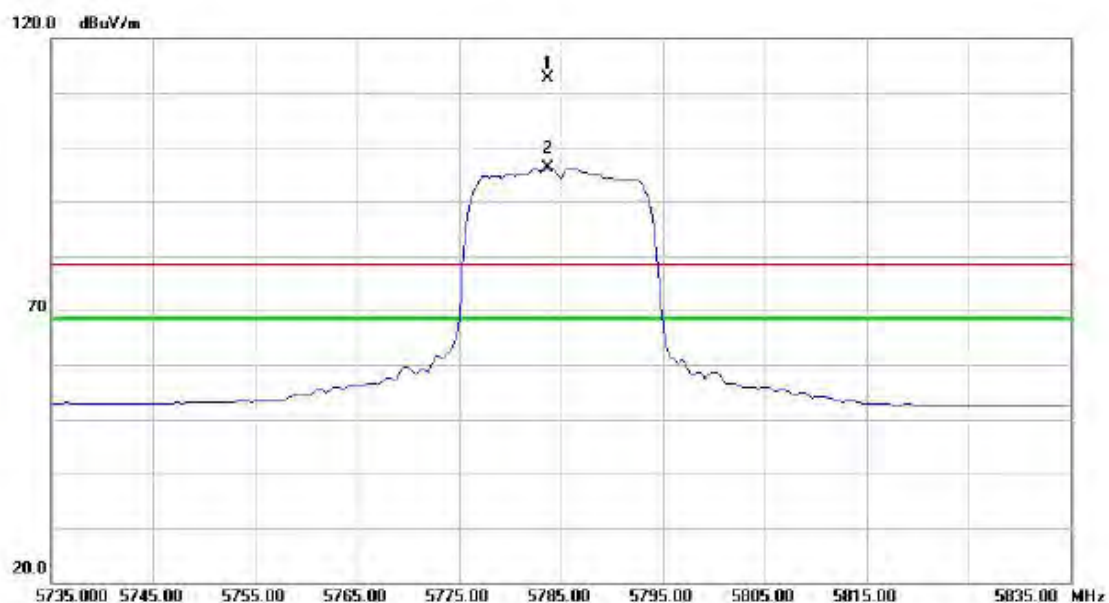
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11488.86	45.87	20.34	66.21	74.00	-7.79	peak	
2	*	11488.86	31.56	20.34	51.90	54.00	-2.10	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5783.750	73.04	39.58	112.62	78.30	34.32	peak	NO LIMIT
2	X	5783.750	56.64	39.58	96.22	68.30	27.92	AVG	NO LIMIT

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

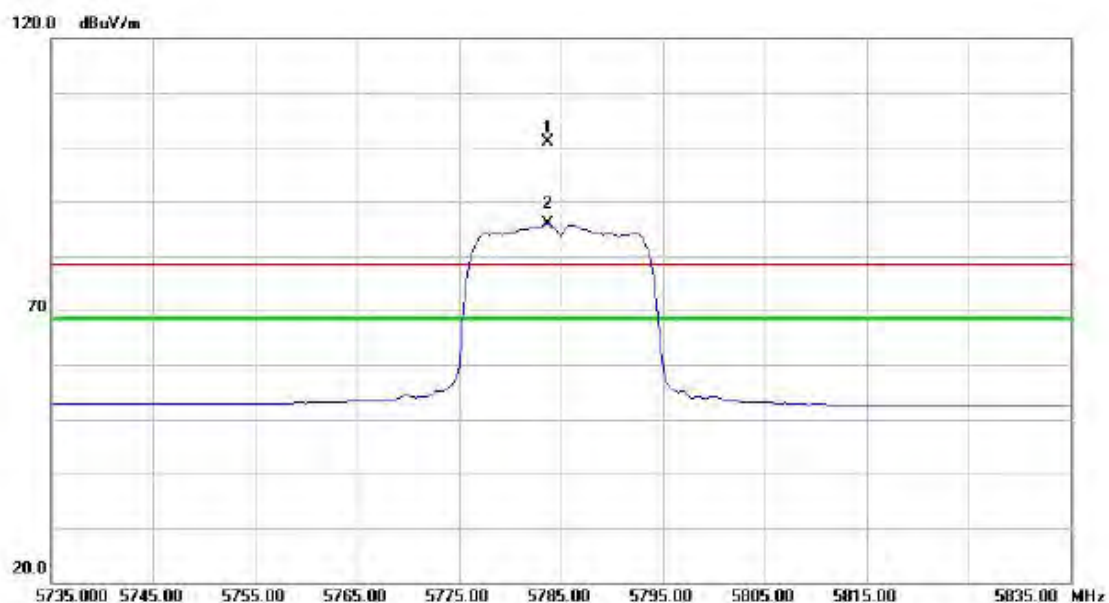
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11572.38	45.57	20.43	66.00	74.00	-8.00	peak	
2	*	11572.38	31.56	20.43	51.99	54.00	-2.01	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	5783.750	61.35	39.58	100.93	78.30	22.63	peak	NO LIMIT
2	X	5783.750	46.31	39.58	85.89	68.30	17.59	AVG	NO LIMIT

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5785MHz

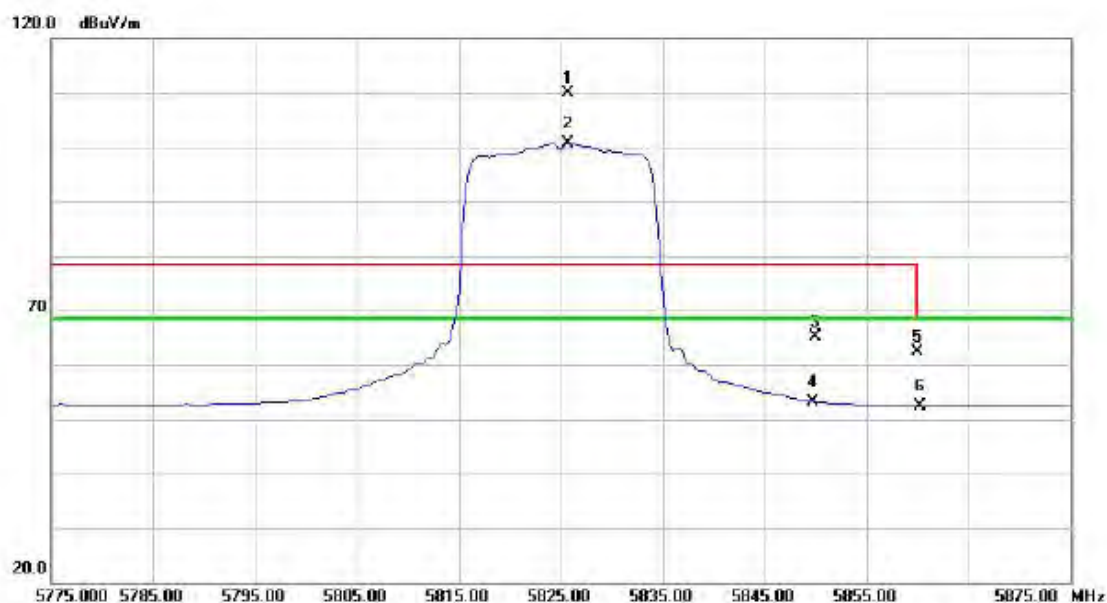
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11571.52	46.59	20.42	67.01	74.00	-6.99	peak	
2	*	11572.52	32.21	20.42	52.63	54.00	-1.37	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5825.750	70.20	39.68	109.88	78.30	31.58	peak	No Limit
2	*	5825.750	60.88	39.68	100.56	68.30	32.26	AVG	No Limit
3		5850.000	25.50	39.73	65.23	78.30	-13.07	peak	
4		5850.000	13.49	39.73	53.22	68.30	-15.08	AVG	
5		5860.000	22.60	39.76	62.36	68.30	-5.94	peak	
6		5860.000	12.69	39.76	52.45	68.30	-15.85	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

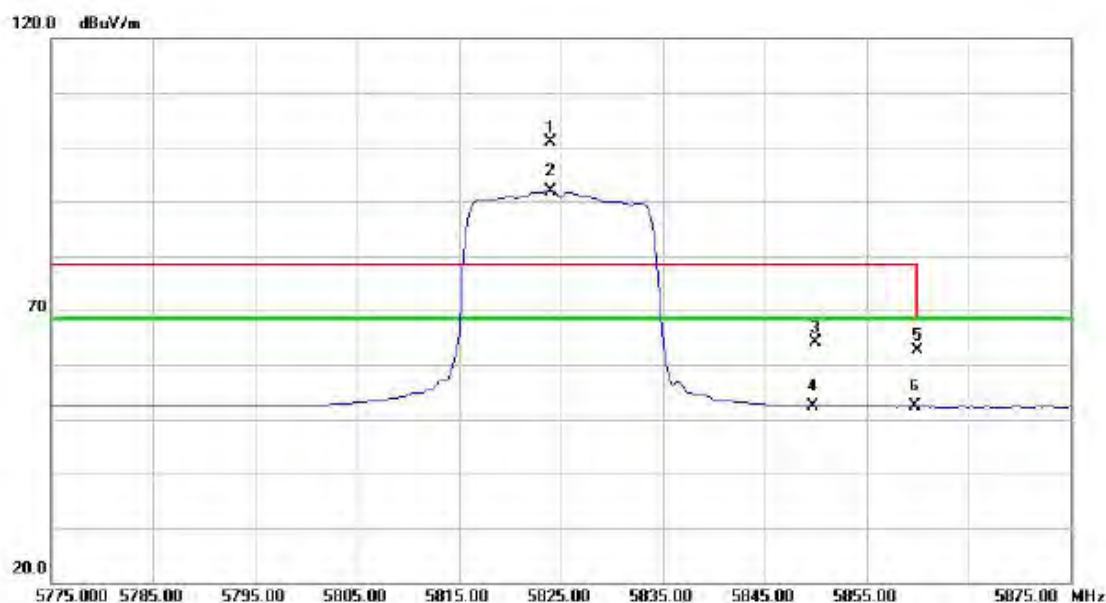
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11650.35	45.45	20.52	65.97	74.00	-8.03	peak	
2	*	11650.35	31.39	20.52	51.91	54.00	-2.09	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	5824.000	61.23	39.67	100.90	78.30	22.60	peak	No Limit
2	*	5824.000	52.21	39.67	91.88	68.30	23.58	AVG	No Limit
3		5850.000	24.36	39.73	64.09	78.30	-14.21	peak	
4		5850.000	12.68	39.73	52.41	68.30	-15.89	AVG	
5		5860.000	22.95	39.76	62.71	68.30	-5.59	peak	
6		5860.000	12.50	39.76	52.26	68.30	-16.04	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC20 Mode 5825MHz

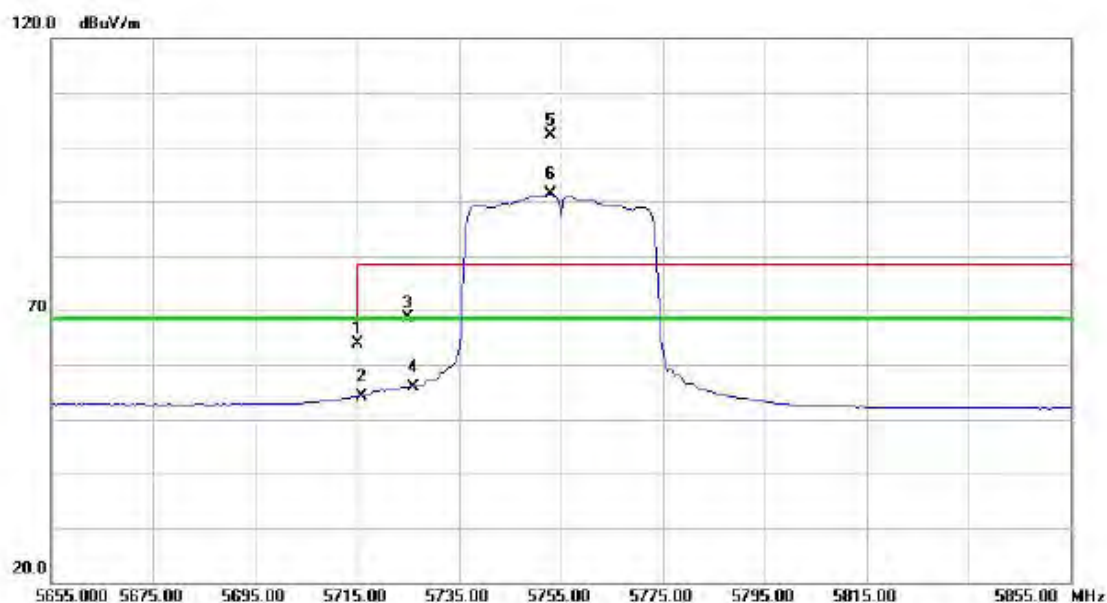
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11648.75	45.02	20.50	65.52	74.00	-8.48	peak	
2	*	11648.75	32.11	20.50	52.61	54.00	-1.39	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	24.38	39.43	63.81	68.30	-4.49	peak	
2		5715.000	14.72	39.43	54.15	68.30	-14.15	AVG	
3		5725.000	29.16	39.45	68.61	78.30	-9.69	peak	
4		5725.000	16.33	39.45	55.78	68.30	-12.52	AVG	
5	*	5753.000	62.55	39.52	102.07	78.30	23.77	peak	No Limit
6	X	5753.000	51.78	39.52	91.30	68.30	23.00	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

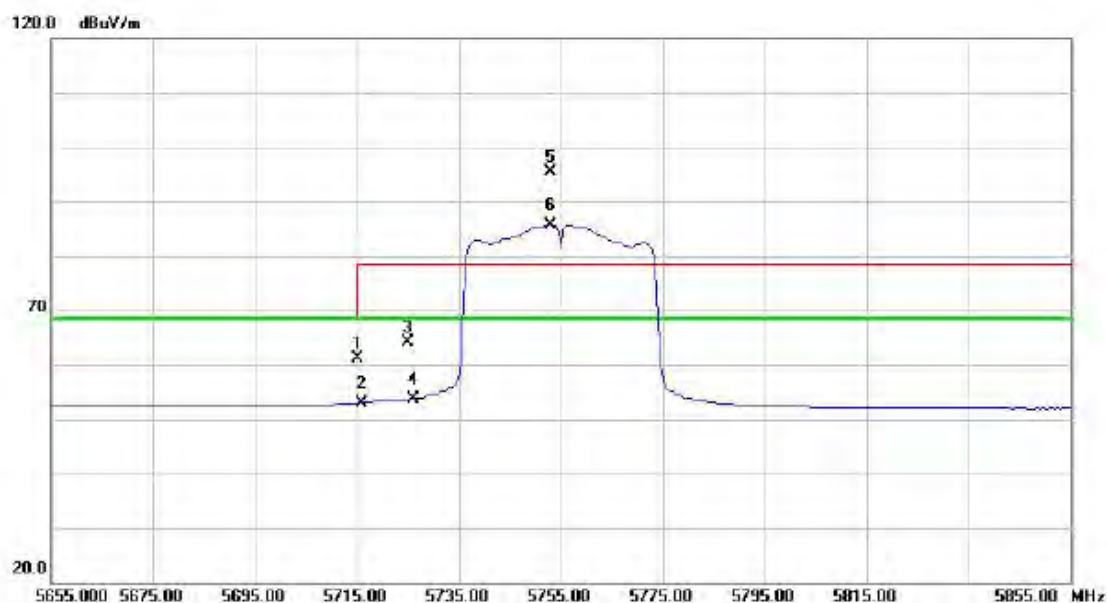
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11508.12	43.44	20.33	63.77	74.00	-10.23	peak	
2	*	11508.12	31.61	20.33	51.94	54.00	-2.06	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	21.75	39.43	61.18	68.30	-7.12	peak	
2		5715.000	13.55	39.43	52.98	68.30	-15.32	AVG	
3		5725.000	24.62	39.45	64.07	78.30	-14.23	peak	
4		5725.000	14.18	39.45	53.63	68.30	-14.67	AVG	
5	X	5753.000	55.94	39.52	95.46	78.30	17.16	peak	No Limit
6	*	5753.000	46.23	39.52	85.75	68.30	17.45	AVG	No Limit

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC40 Mode 5755MHz

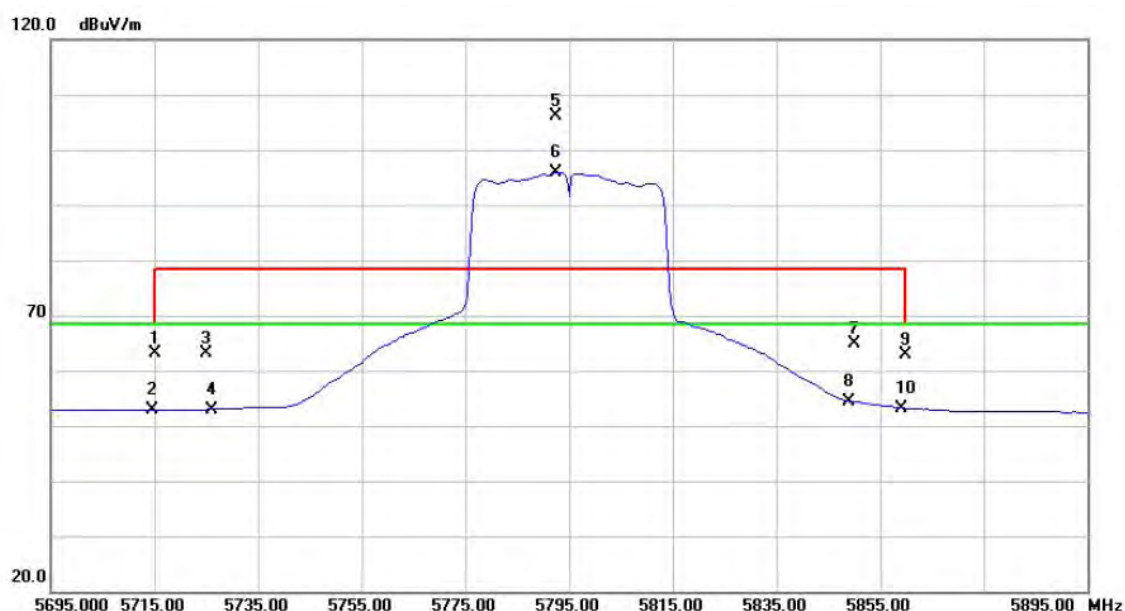
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11508.53	43.84	20.33	64.17	74.00	-9.83	peak	
2	*	11508.53	31.64	20.33	51.97	54.00	-2.03	AVG	

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

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	23.82	39.43	63.25	68.30	-5.05	peak	
2		5715.000	13.39	39.43	52.82	68.30	-15.48	AVG	
3		5725.000	23.68	39.45	63.13	78.30	-15.17	peak	
4		5725.000	13.54	39.45	52.99	68.30	-15.31	AVG	
5	*	5792.500	66.56	39.61	106.17	78.30	27.87	peak	No Limit
6	X	5792.500	56.25	39.61	95.86	68.30	27.56	AVG	No Limit
7		5850.000	25.17	39.73	64.90	78.30	-13.40	peak	
8		5850.000	14.56	39.73	54.29	68.30	-14.01	AVG	
9		5860.000	23.20	39.76	62.96	68.30	-5.34	peak	
10		5860.000	13.47	39.76	53.23	68.30	-15.07	AVG	

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

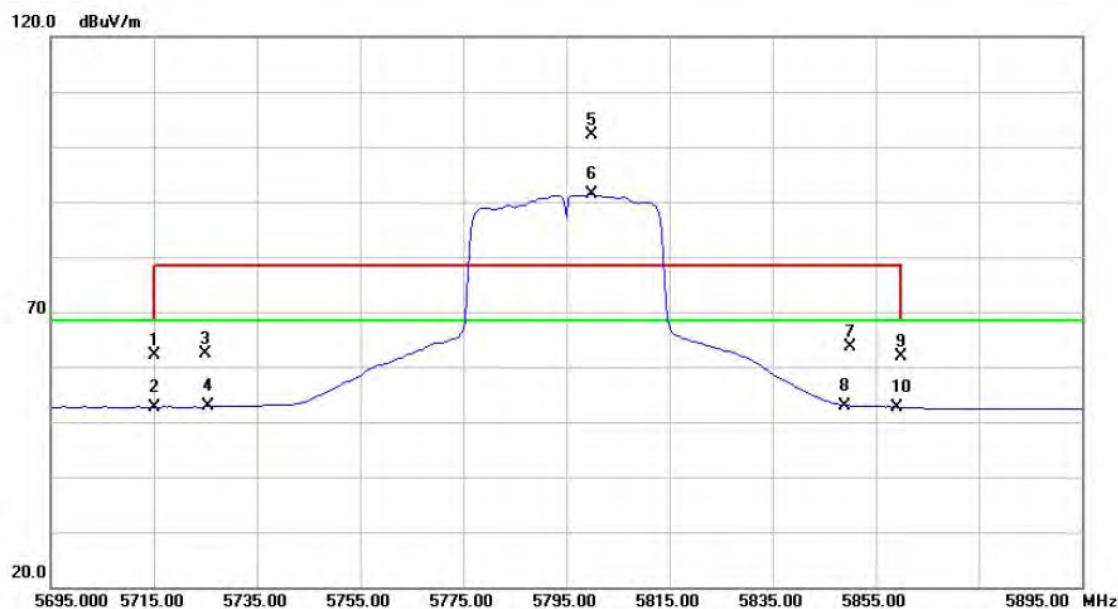
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11590.98	43.15	20.45	63.60	74.00	-10.40	peak	
2	*	11590.98	31.58	20.45	52.03	54.00	-1.97	AVG	

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

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	22.77	39.43	62.20	68.30	-6.10	peak	
2		5715.000	13.32	39.43	52.75	68.30	-15.55	AVG	
3		5725.000	22.87	39.45	62.32	78.30	-15.98	peak	
4		5725.000	13.31	39.45	52.76	68.30	-15.54	AVG	
5	*	5800.000	62.41	39.62	102.03	78.30	23.73	peak	No Limit
6	X	5800.000	51.72	39.62	91.34	68.30	23.04	AVG	No Limit
7		5850.000	23.88	39.73	63.61	78.30	-14.69	peak	
8		5850.000	13.26	39.73	52.99	68.30	-15.31	AVG	
9		5860.000	22.12	39.76	61.88	68.30	-6.42	peak	
10		5860.000	12.92	39.76	52.68	68.30	-15.62	AVG	

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

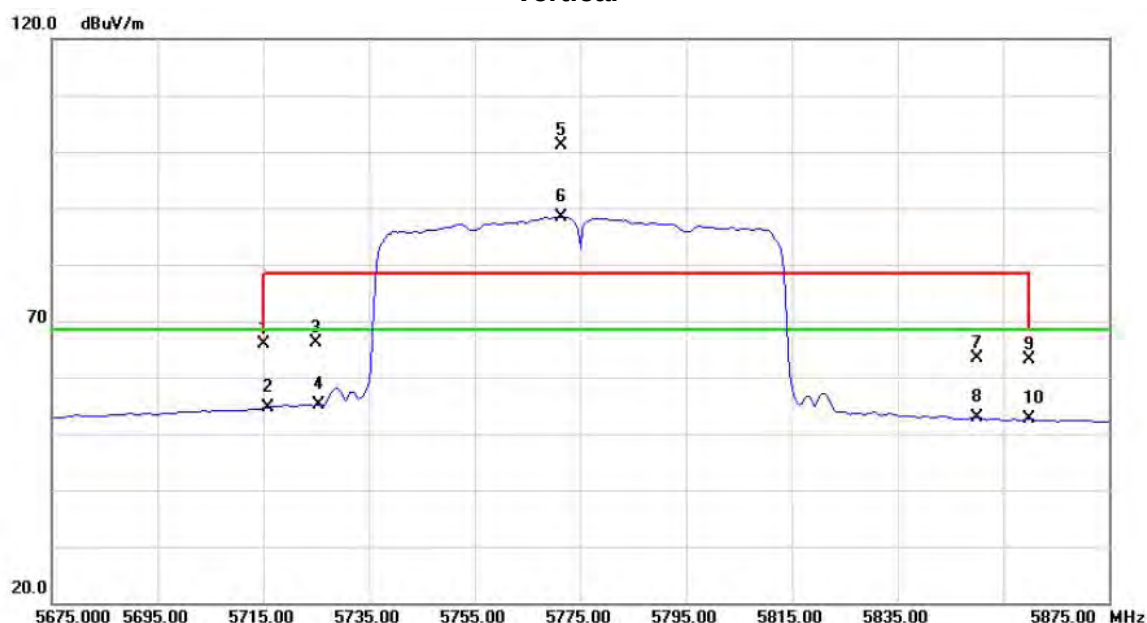
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11587.50	42.18	20.44	62.62	74.00	-11.38	peak	
2	*	11587.50	32.45	20.44	52.89	54.00	-1.11	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	26.57	39.43	66.00	68.30	-2.30	peak	
2		5715.000	15.09	39.43	54.52	68.30	-13.78	AVG	
3		5725.000	26.58	39.45	66.03	78.30	-12.27	peak	
4		5725.000	15.66	39.45	55.11	68.30	-13.19	AVG	
5	*	5771.500	61.53	39.56	101.09	78.30	22.79	peak	No limit
6	X	5771.500	48.82	39.56	88.38	68.30	20.08	AVG	No limit
7		5850.000	23.54	39.73	63.27	78.30	-15.03	peak	
8		5850.000	13.18	39.73	52.91	68.30	-15.39	AVG	
9		5860.000	23.33	39.76	63.09	68.30	-5.21	peak	
10		5860.000	12.86	39.76	52.62	68.30	-15.68	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

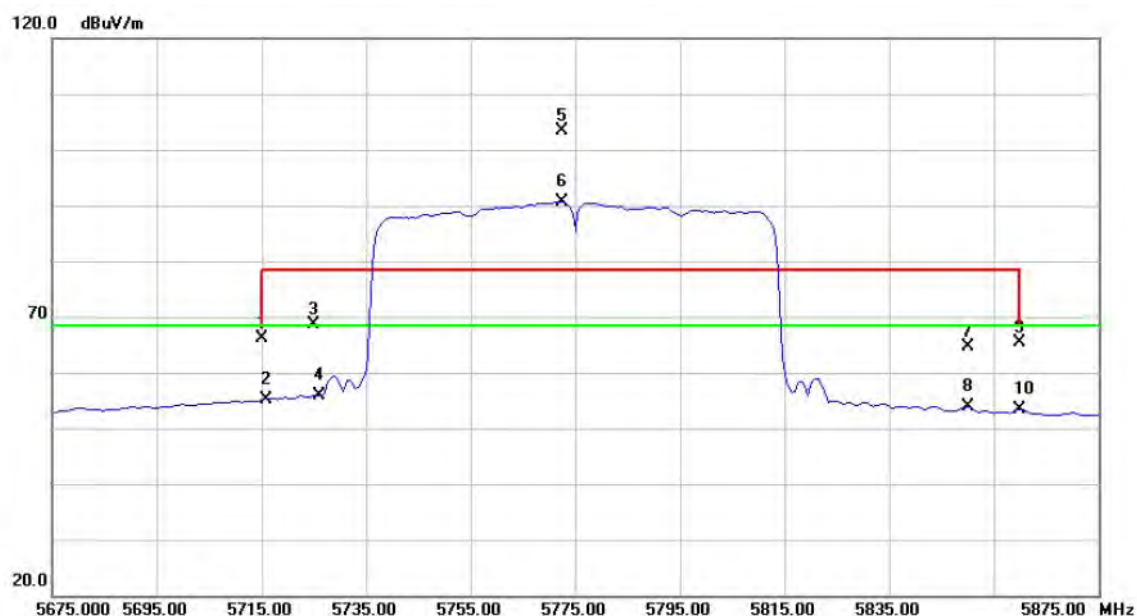
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11552.45	44.58	20.40	64.98	74.00	-9.02	peak	
2	*	11552.45	32.31	20.40	52.71	54.00	-1.29	AVG	

Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	26.64	39.43	66.07	68.30	-2.23	peak	
2		5715.000	15.62	39.43	55.05	68.30	-13.25	AVG	
3		5725.000	29.28	39.45	68.73	78.30	-9.57	peak	
4		5725.000	16.35	39.45	55.80	68.30	-12.50	AVG	
5	*	5772.500	63.83	39.56	103.39	78.30	25.09	peak	No limit
6	X	5772.500	51.11	39.56	90.67	68.30	22.37	AVG	No limit
7		5850.000	24.93	39.73	64.66	78.30	-13.64	peak	
8		5850.000	14.05	39.73	53.78	68.30	-14.52	AVG	
9		5860.000	25.74	39.76	65.50	68.30	-2.80	peak	
10		5860.000	13.58	39.76	53.34	68.30	-14.96	AVG	

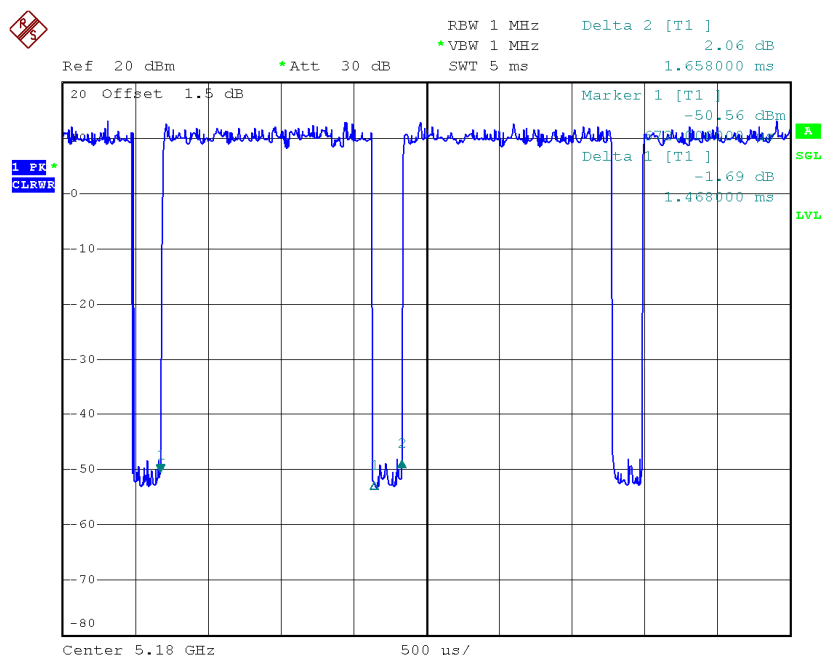
Orthogonal Axis:	X
Test Mode:	UNII-3/TX AC80 Mode 5775MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11550.50	47.03	20.40	67.43	74.00	-6.57	peak	
2	*	11550.50	32.19	20.40	52.59	54.00	-1.41	AVG	

TX A Mode_DUTY CYCLE



Date: 4.FEB.2015 16:47:28

Duty cycle: TX 5180MHz

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

T_{ON} : 1.468 msec

T_{Total} : 1.658 msec

Duty cycle: 0.885

Duty Factor = $10 \log(1/\text{Duty cycle})$

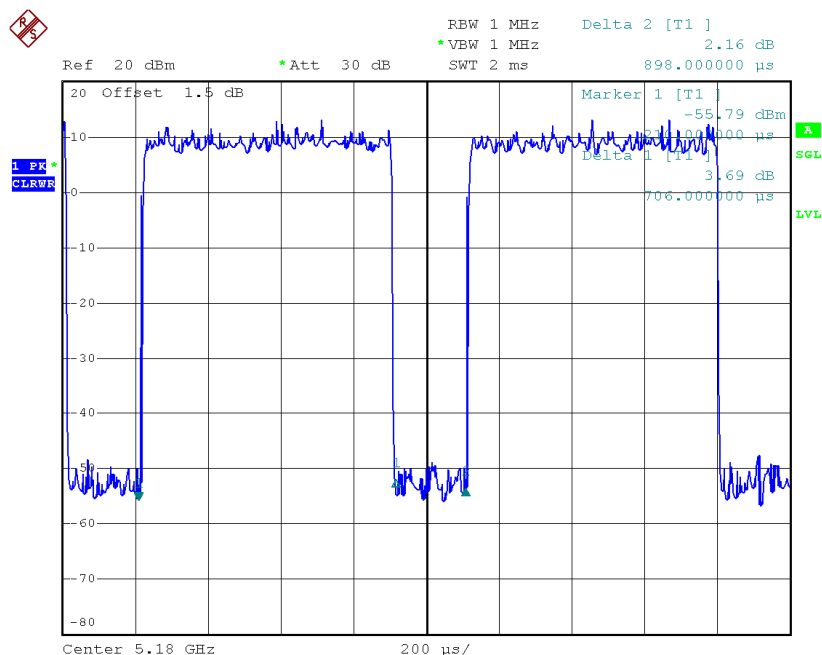
Duty Factor = 0.53

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX N20 Mode_DUTY CYCLE



Date: 4.FEB.2015 16:41:56

Duty cycle: TX 5180MHz

$$\text{Duty cycle} = T_{\text{ON}} / T_{\text{Total}}$$

T_{ON} : 0.706 msec

T_{Total} : 0.898 msec

Duty cycle: 0.786

$$\text{Duty Factor} = 10 \log(1/\text{Duty cycle})$$

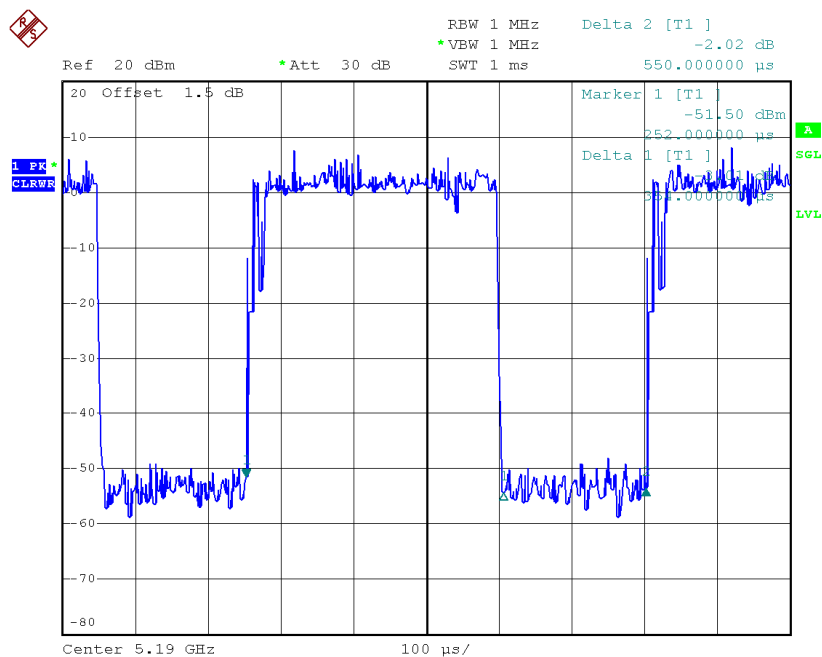
Duty Factor = 1.04

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be caculated as

$$\text{Output Power} = \text{Measured power} + \text{Ducy factor}$$

$$\text{Power Spectral Density} = \text{Measured density} + \text{Duty factor}$$

TX N40 Mode_DUTY CYCLE



Date: 4.FEB.2015 16:44:10

Duty cycle: TX 5190MHz

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

T_{ON} : 0.354 msec

T_{Total} : 0.550 msec

Duty cycle: 0.64

Duty Factor = $10 \log(1/\text{Duty cycle})$

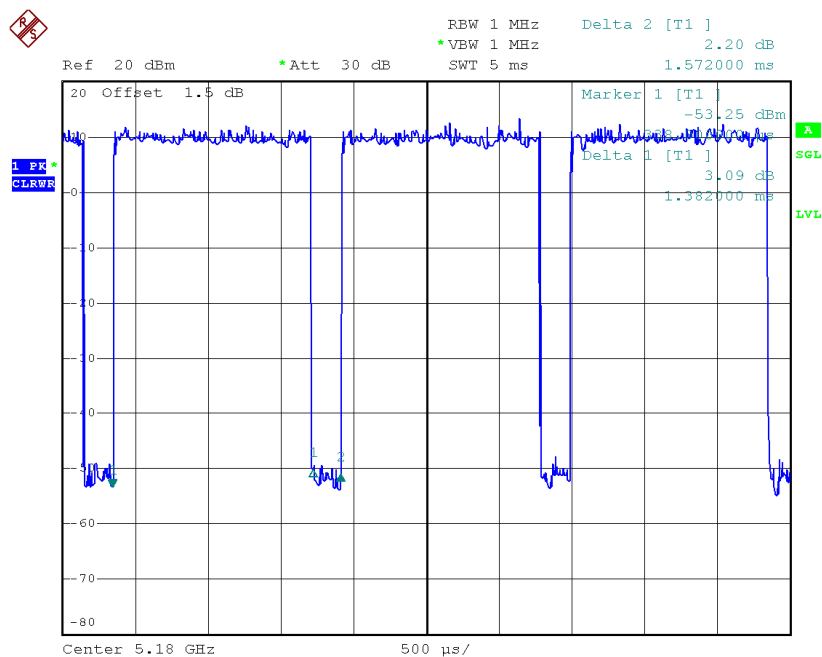
Duty Factor = 1.91

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC20 Mode_DUTY CYCLE



Date: 4.FEB.2015 16:41:03

Duty cycle: TX 5180MHz

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

T_{ON} : 1.382 msec

T_{Total} : 1.572 msec

Duty cycle: 0.879

Duty Factor = $10 \log(1/\text{Duty cycle})$

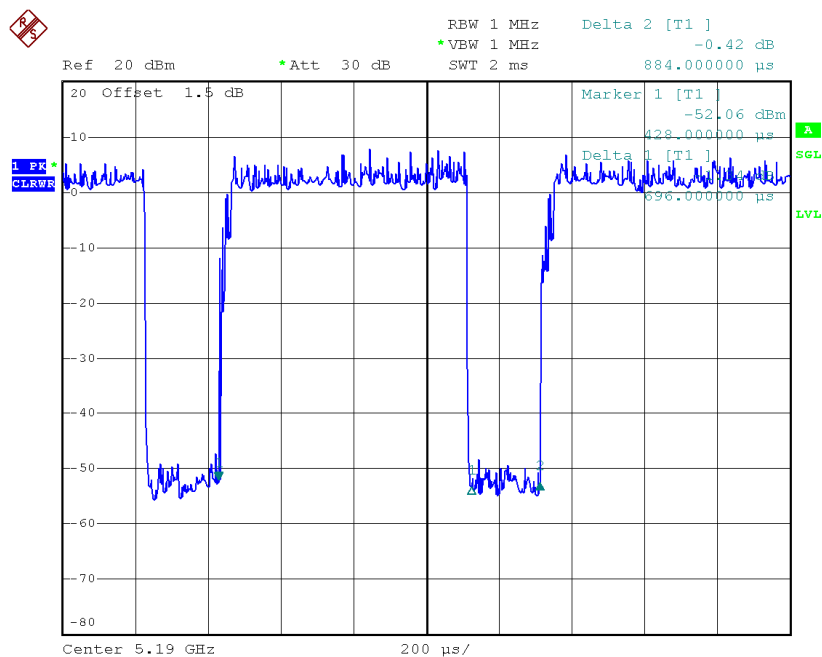
Duty Factor = 0.56

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC40 Mode_DUTY CYCLE



Date: 4.FEB.2015 16:40:10

Duty cycle: TX 5190MHz

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

T_{ON} : 0.696 msec

T_{Total} : 0.884 msec

Duty cycle: 0.787

Duty Factor = $10 \log(1/\text{Duty cycle})$

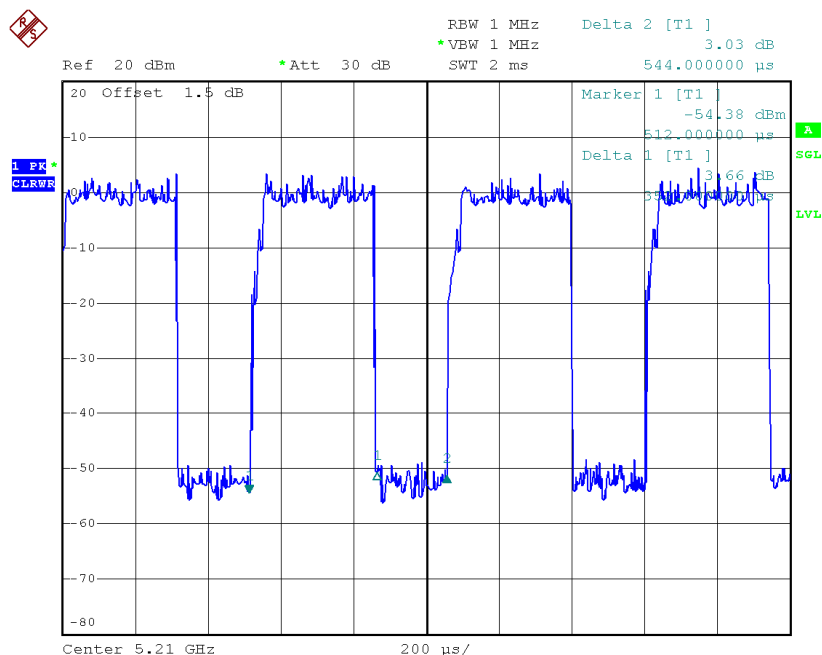
Duty Factor =1.04

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be caculated as

Output Power = Measured power + Ducus factor

Power Spectral Density = Measured density + Duty factor

TX AC80 Mode_DUTY CYCLE



Date: 4.FEB.2015 16:38:53

Duty cycle: TX 5210MHz

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

T_{ON} : 0352 msec

T_{Total} : 0.544 msec

Duty cycle: 0.647

Duty Factor = $10 \log(1/\text{Duty cycle})$

Duty Factor = 1.89

Note: The EUT was programmed to be in countinously transmitting mode and the transmit duty cycle is less than 98 %, so, the output power and power density should be cacluated as

Output Power = Measured power + Ducus factor

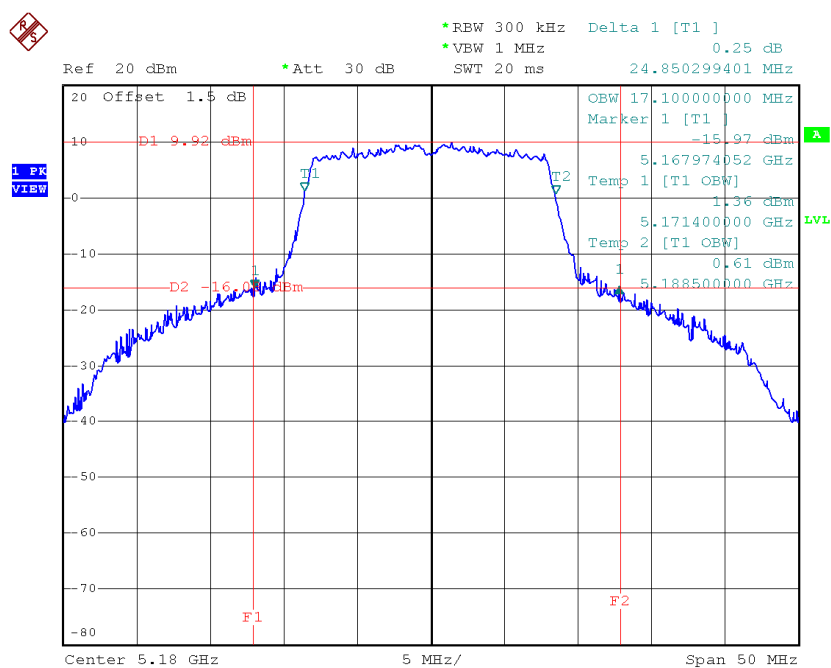
Power Spectral Density = Measured density + Duty factor

ATTACHMENT E - BANDWIDTH

Test Mode: UNII-1/TX A Mode_CH36/CH40/CH48

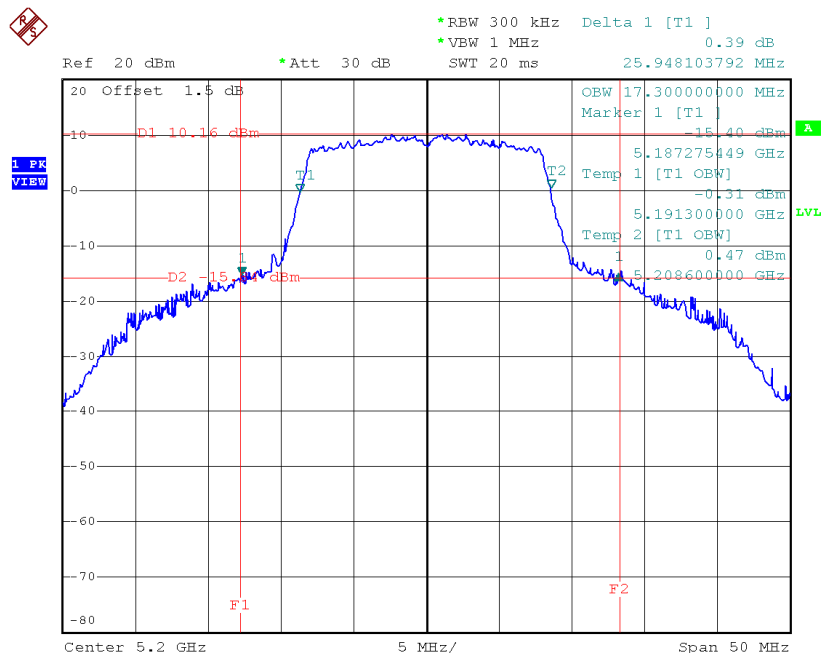
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.85	17.10
CH40	5200	25.95	17.30
CH48	5240	24.95	17.10

TX CH36



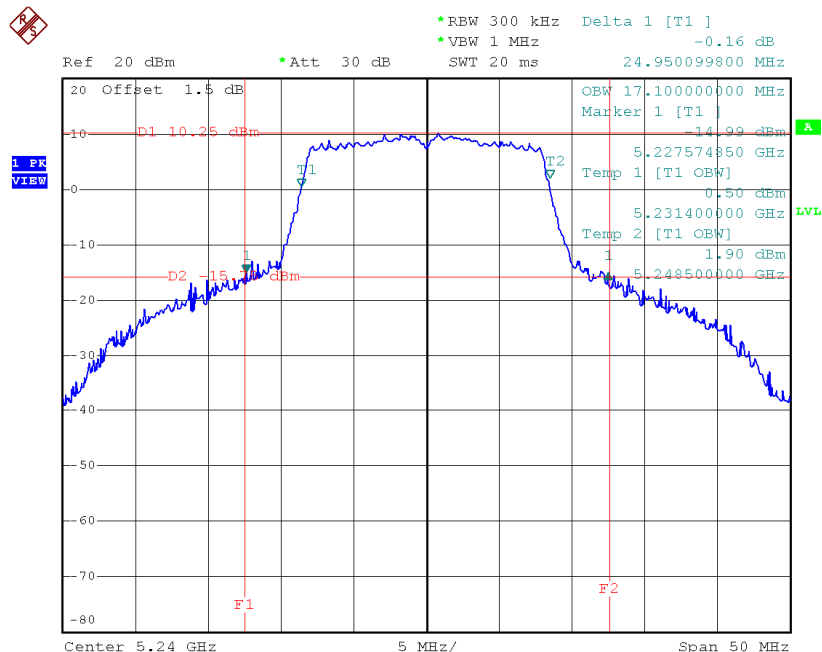
Date: 3.FEB.2015 17:11:25

TX CH40



Date: 3.FEB.2015 17:14:07

TX CH48

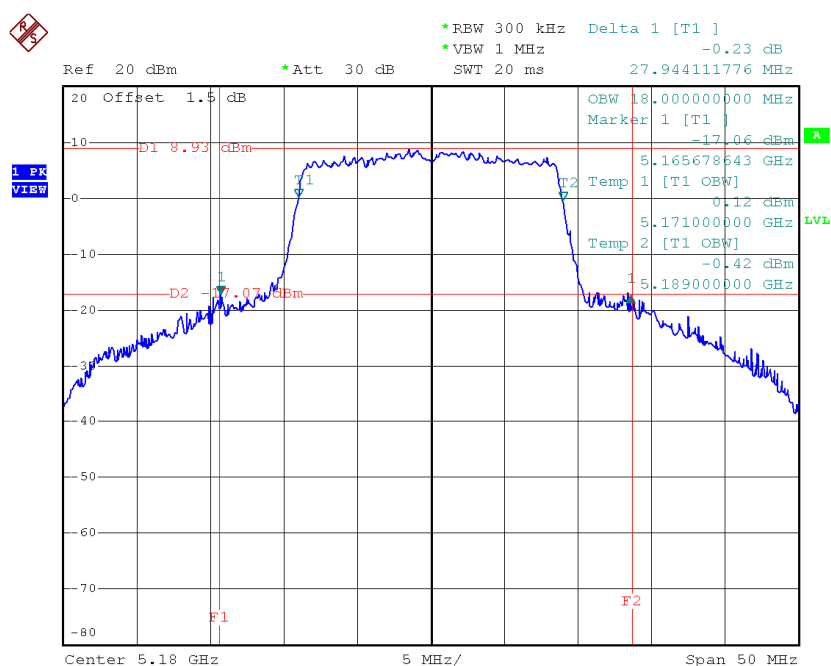


Date: 3.FEB.2015 17:15:37

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48

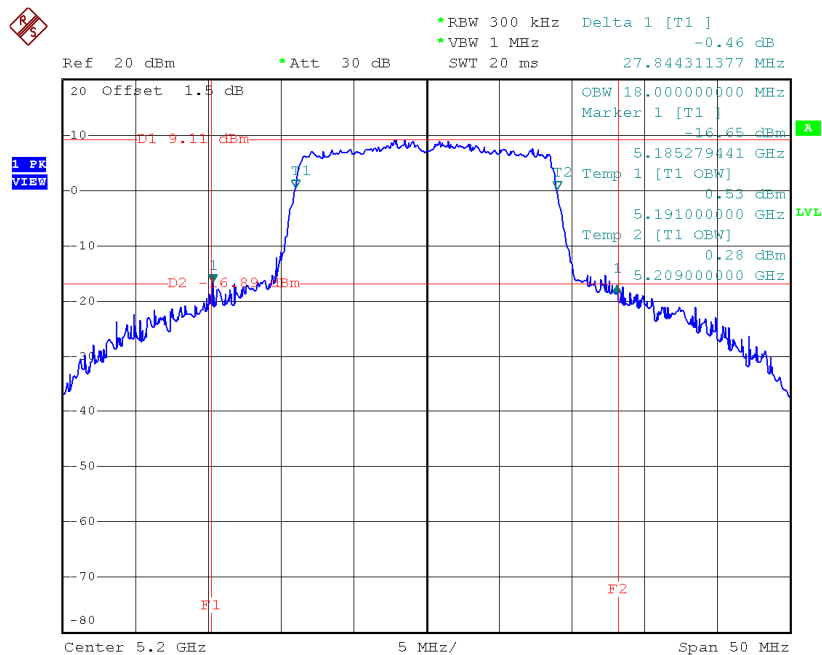
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	27.94	18.00
CH40	5200	27.84	18.00
CH48	5240	25.95	17.90

TX CH36



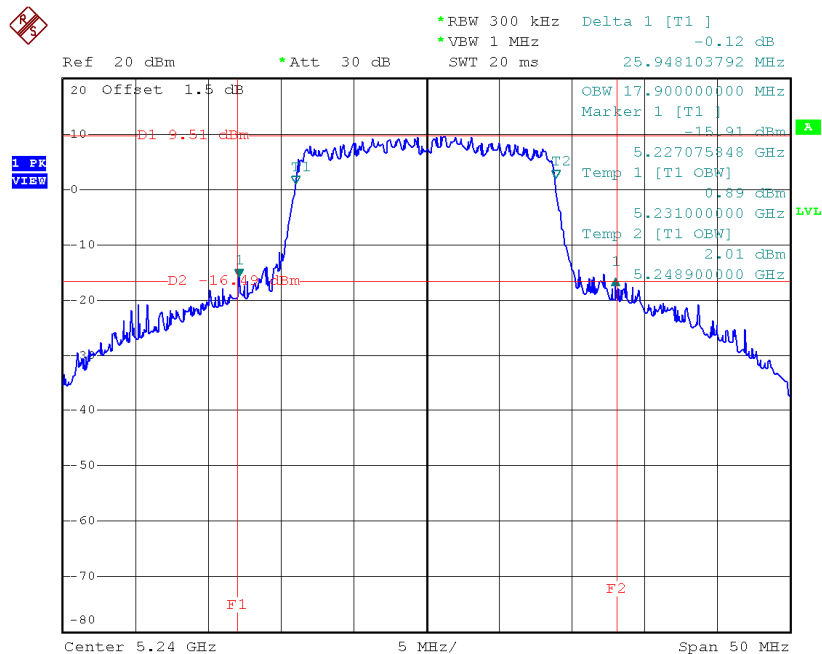
Date: 3.FEB.2015 17:40:21

TX CH40



Date: 4.FEB.2015 11:23:21

TX CH48

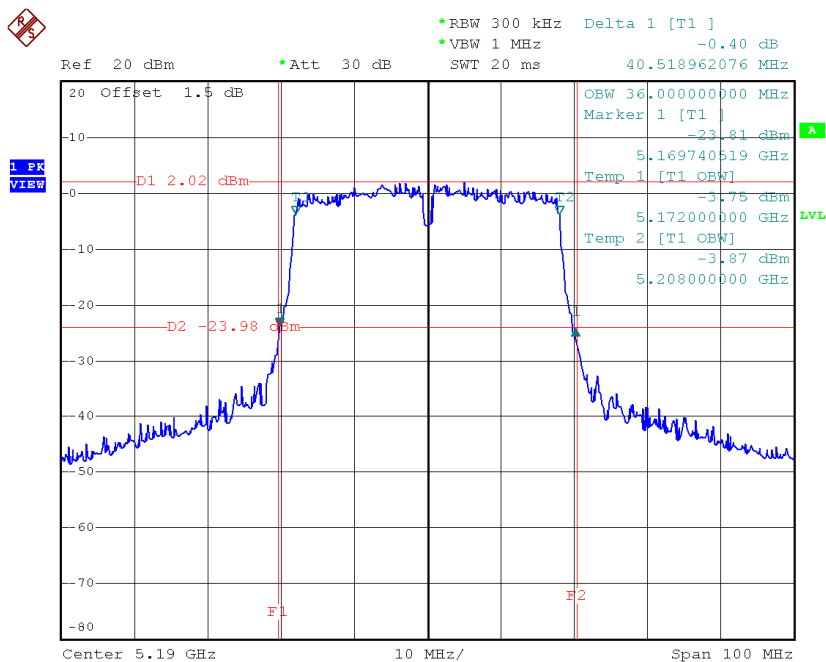


Date: 4.FEB.2015 11:26:43

Test Mode: UNII-1/TX N40 Mode_CH38/CH46

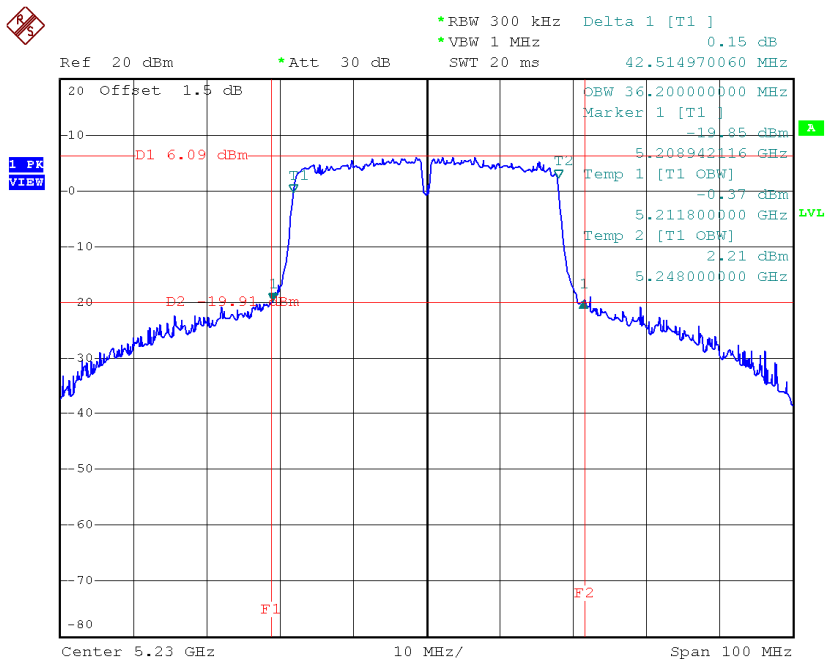
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.52	36.00
CH46	5230	42.51	36.20

TX CH38



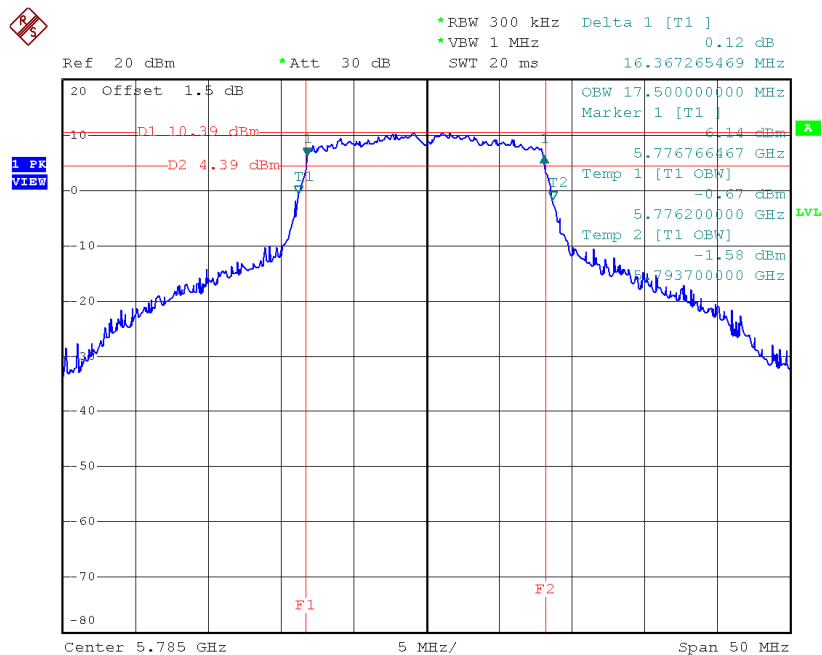
Date: 4.FEB.2015 11:55:48

TX CH46



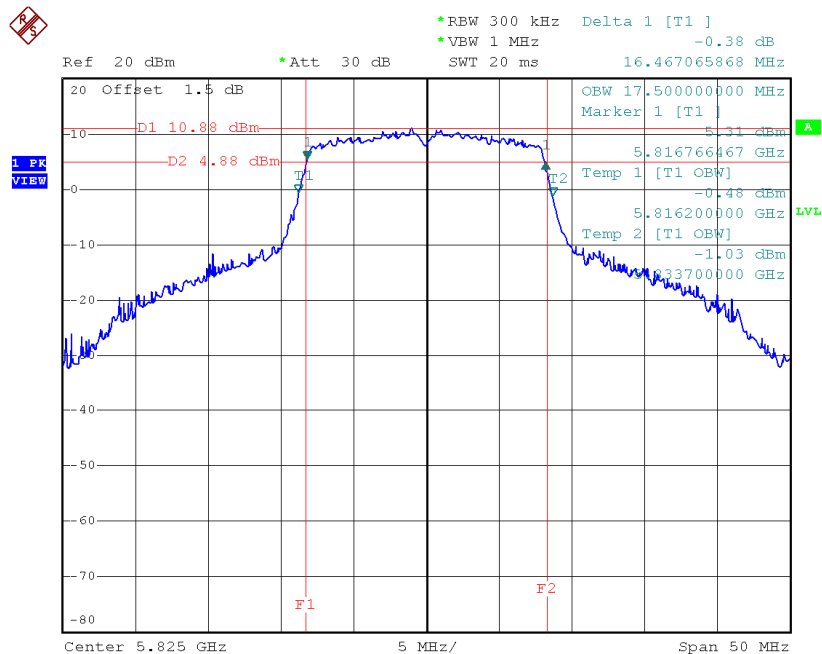
Date: 4.FEB.2015 11:57:22

TX CH 157



Date: 3.FEB.2015 17:18:36

TX CH 165

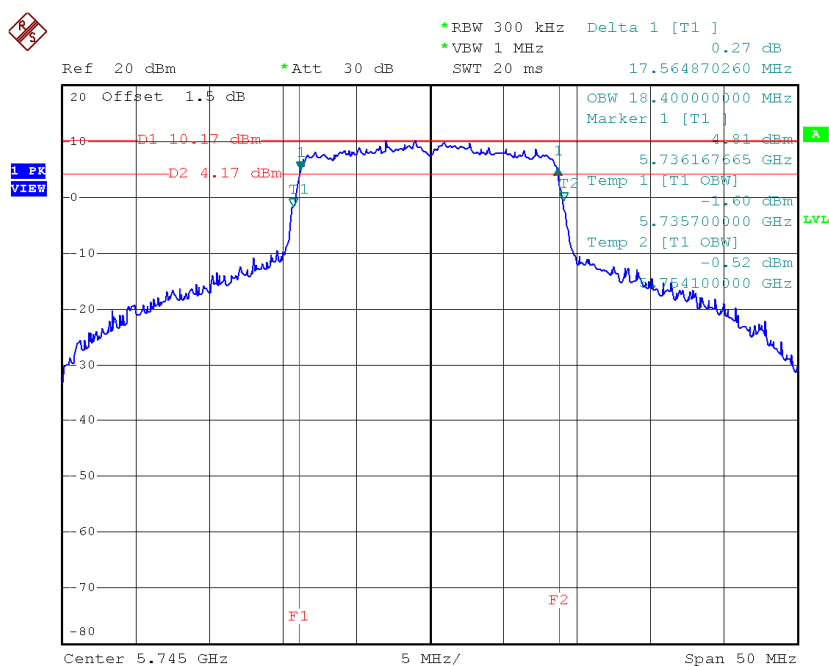


Date: 3.FEB.2015 17:21:20

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165

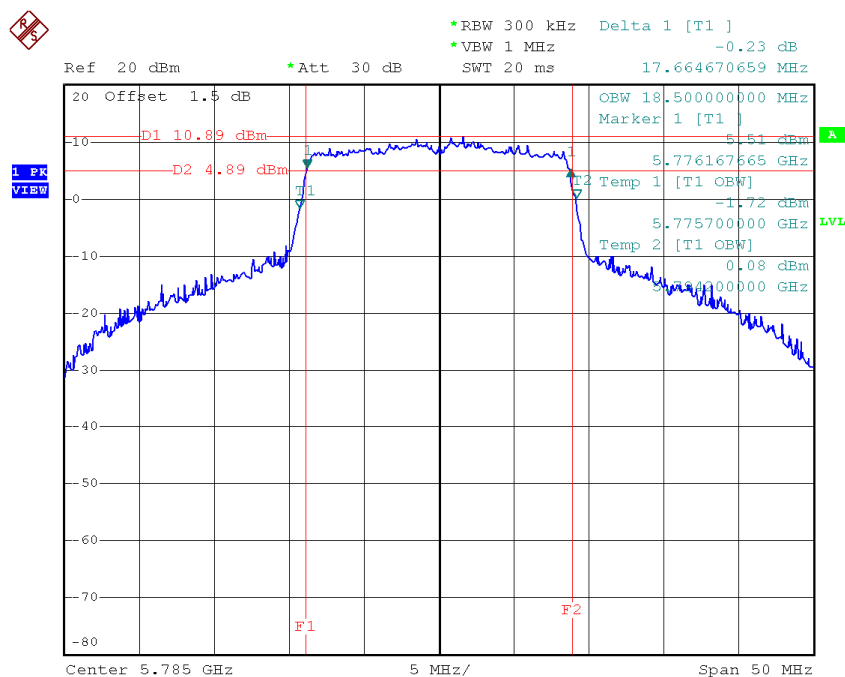
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (KHz)
CH149	5745	17.56	18.40	>=500
CH157	5785	17.66	18.50	>=500
CH165	5825	17.56	18.40	>=500

TX CH 149



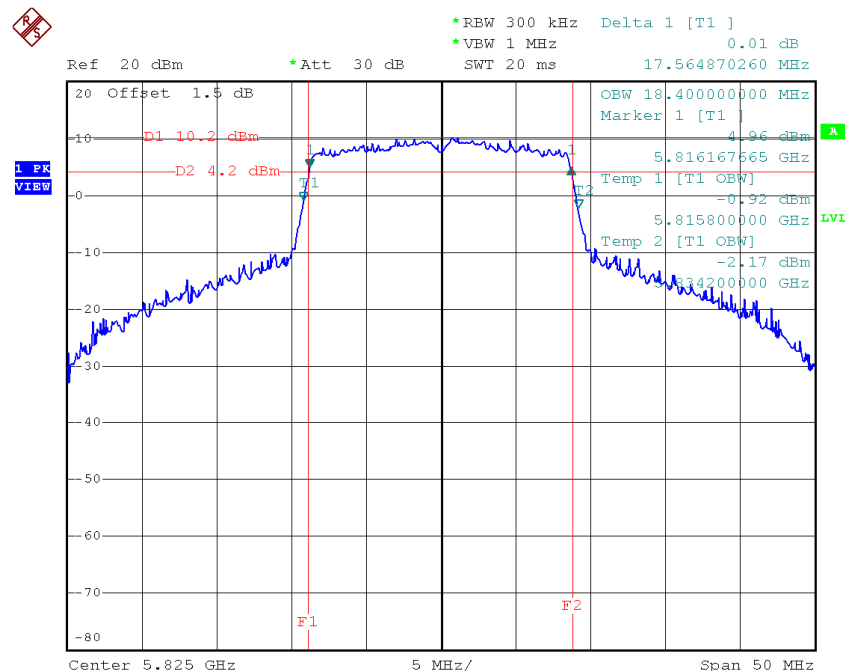
Date: 4.FEB.2015 11:48:13

TX CH 157



Date: 4.FEB.2015 11:50:12

TX CH 165

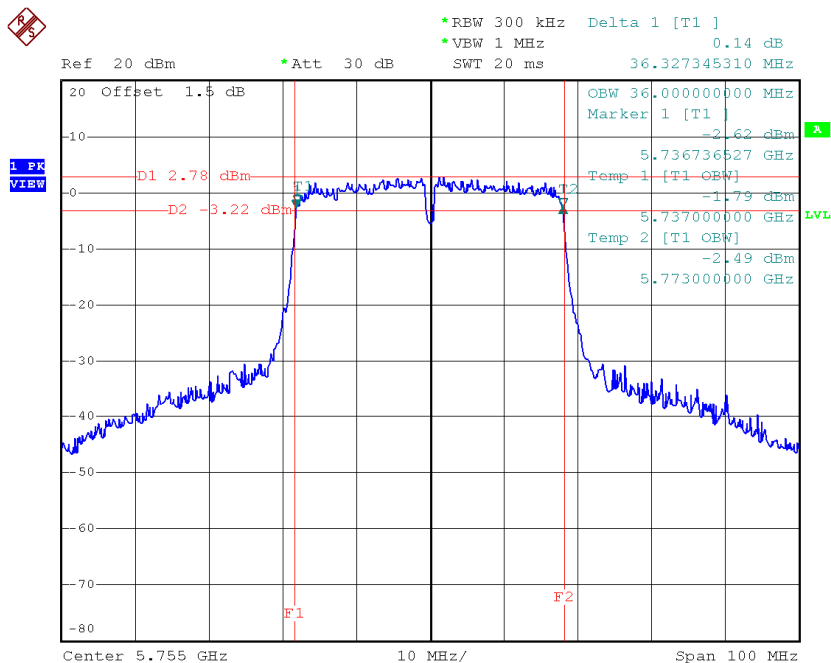


Date: 4.FEB.2015 11:52:22

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159

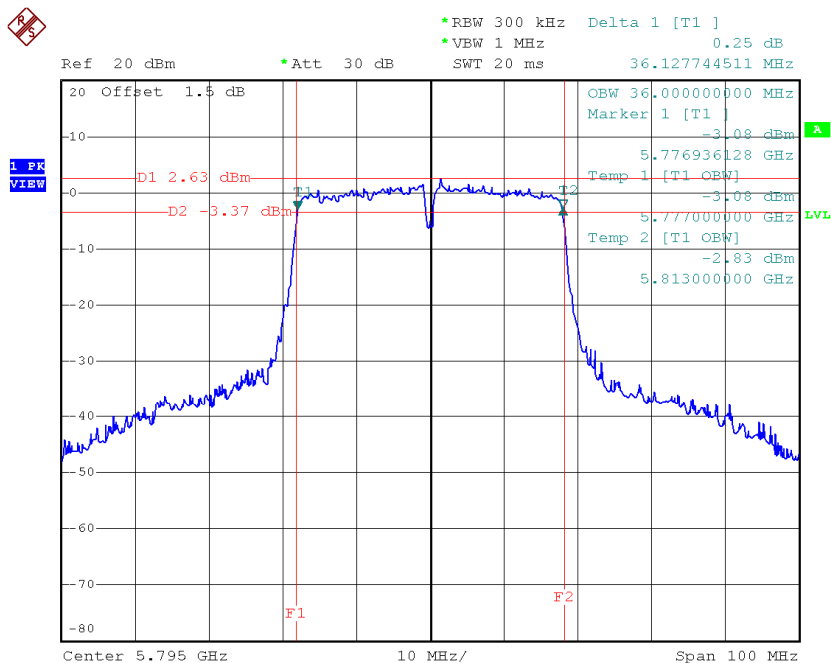
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (KHz)
CH151	5755	36.33	36.00	>=500
CH159	5795	36.13	36.00	>=500

TX CH 151



Date: 4.FEB.2015 11:59:12

TX CH 159

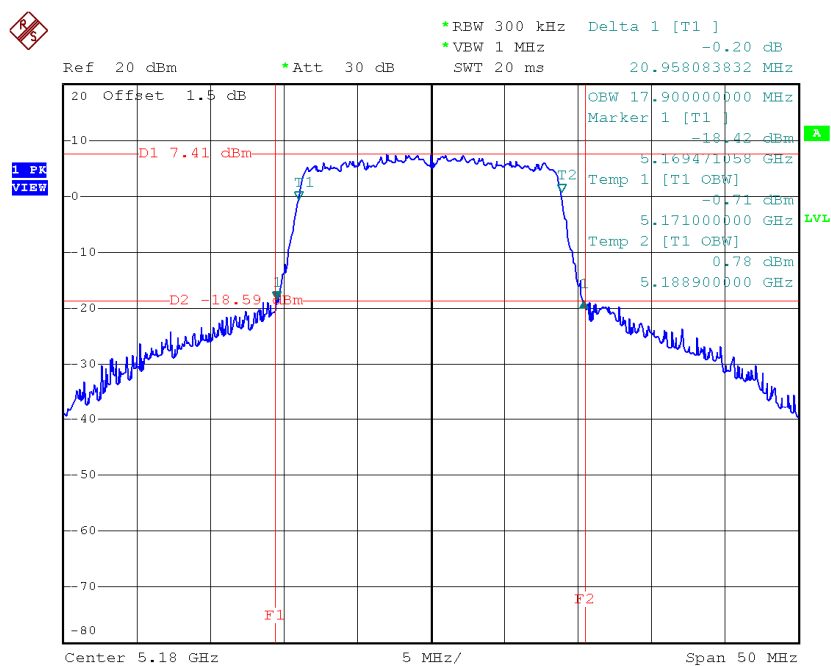


Date: 4.FEB.2015 12:00:44

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48

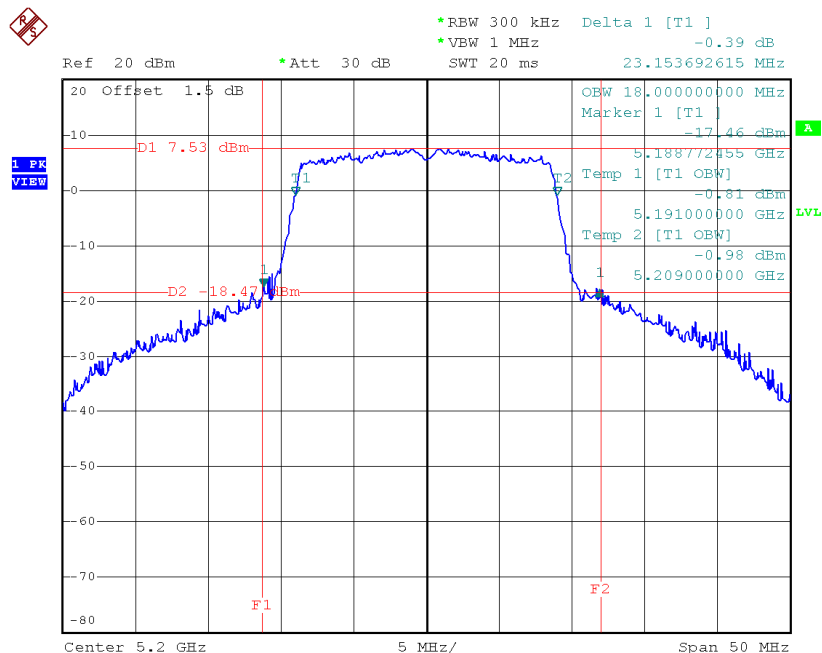
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	20.96	17.90
CH40	5200	23.15	18.00
CH48	5240	21.56	17.90

TX CH36



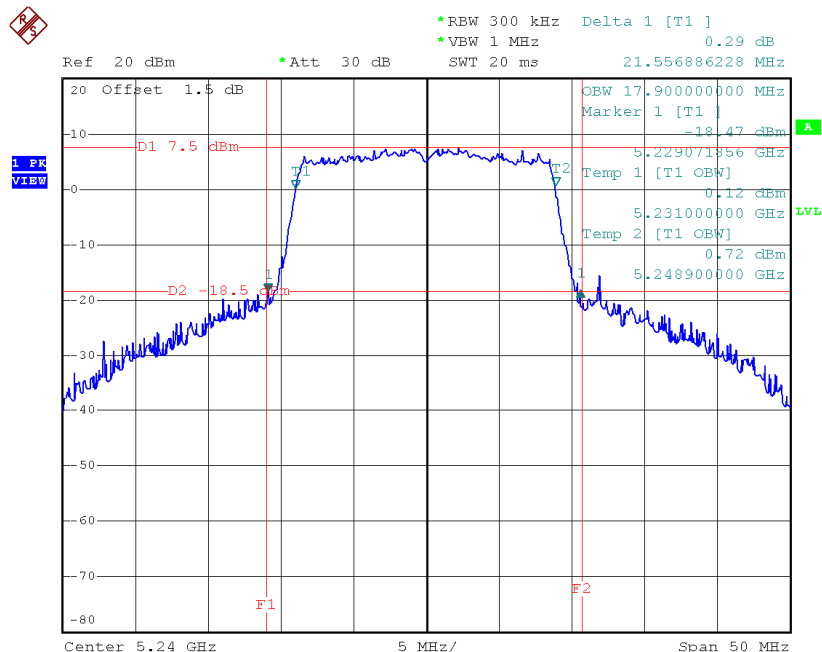
Date: 6.FEB.2015 11:24:30

TX CH40



Date: 6.FEB.2015 11:29:08

TX CH48

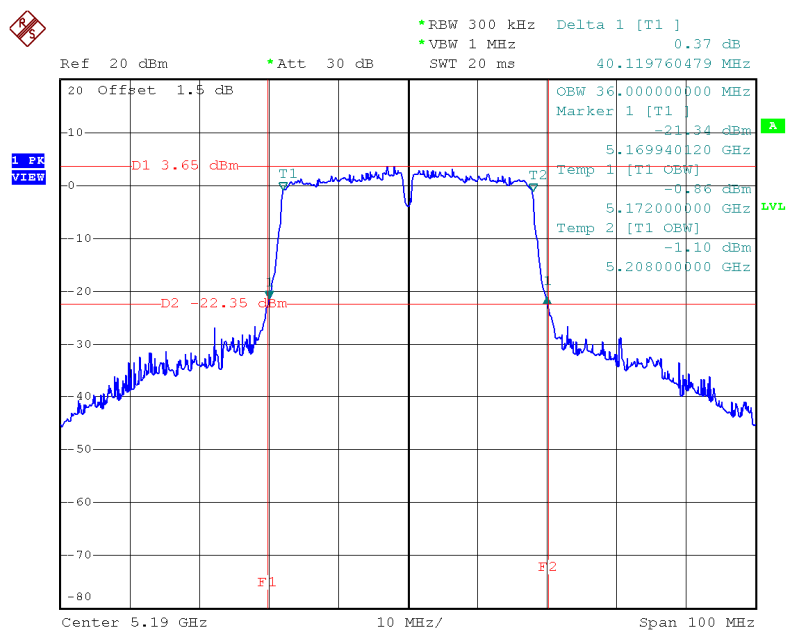


Date: 6.FEB.2015 11:30:17

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46

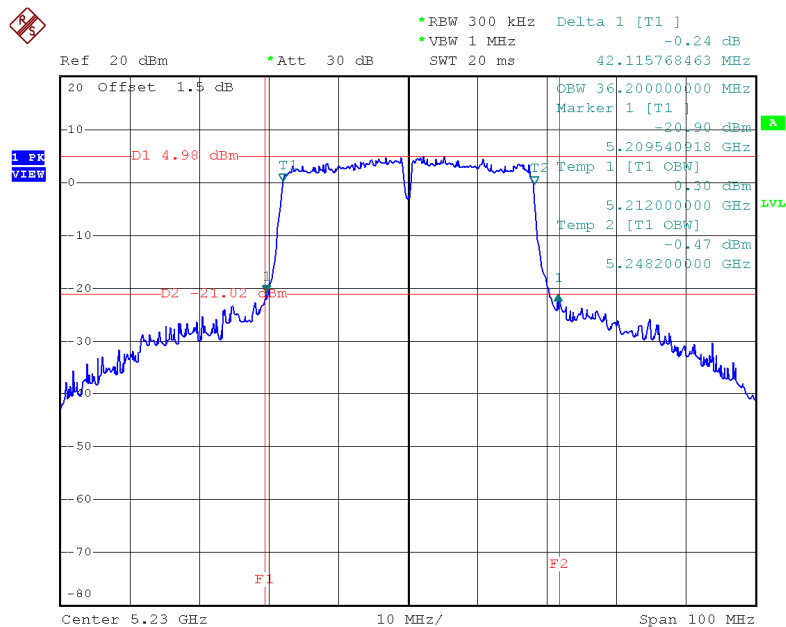
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.12	36.00
CH46	5230	42.12	36.20

TX CH38



Date: 6.FEB.2015 11:51:16

TX CH46

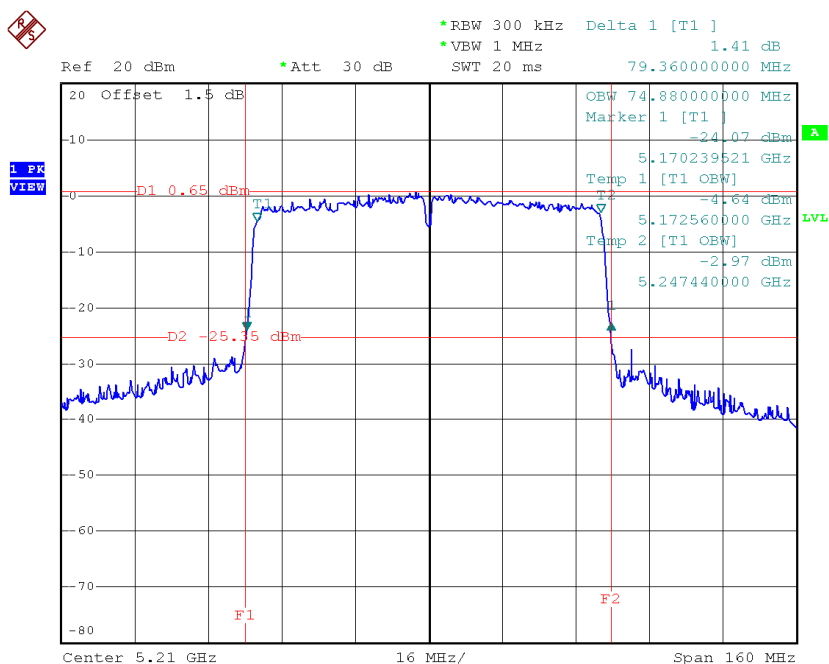


Date: 6.FEB.2015 11:52:27

Test Mode: UNII-1/TX AC80 Mode_CH42

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH42	5210	79.36	74.88

TX CH42

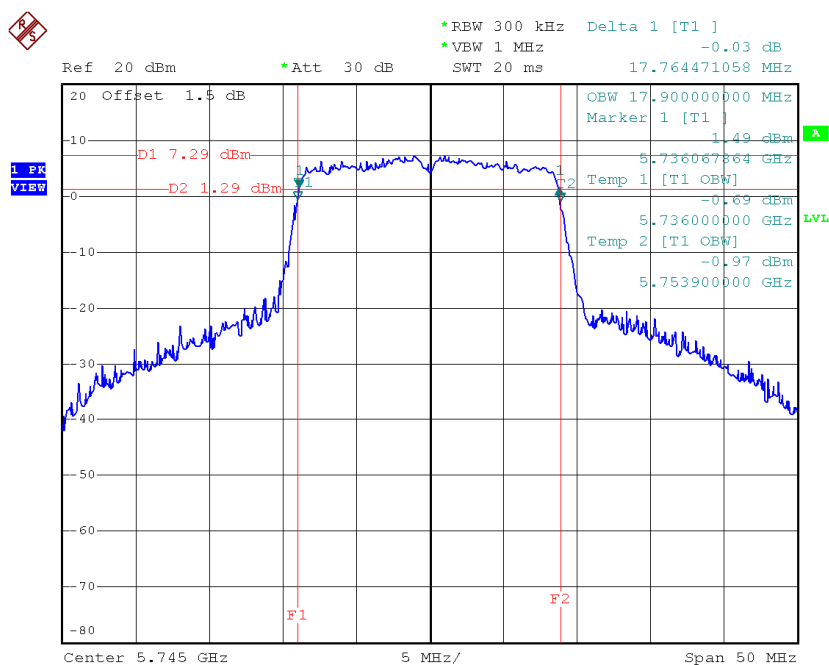


Date: 4.FEB.2015 15:24:53

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165

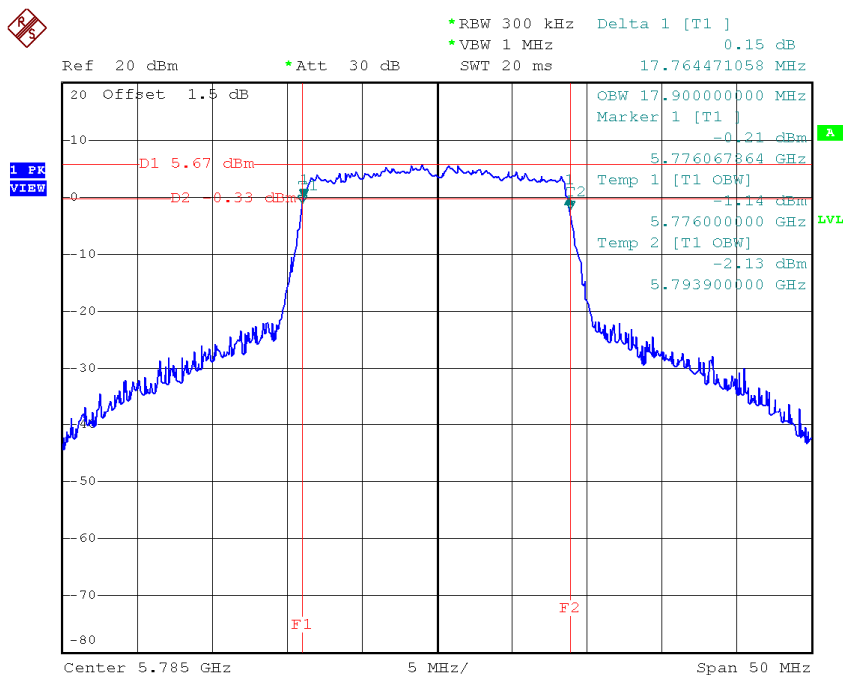
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (KHz)
CH149	5745	17.76	17.90	>=500
CH157	5785	17.76	17.90	>=500
CH165	5825	17.66	17.90	>=500

TX CH 149



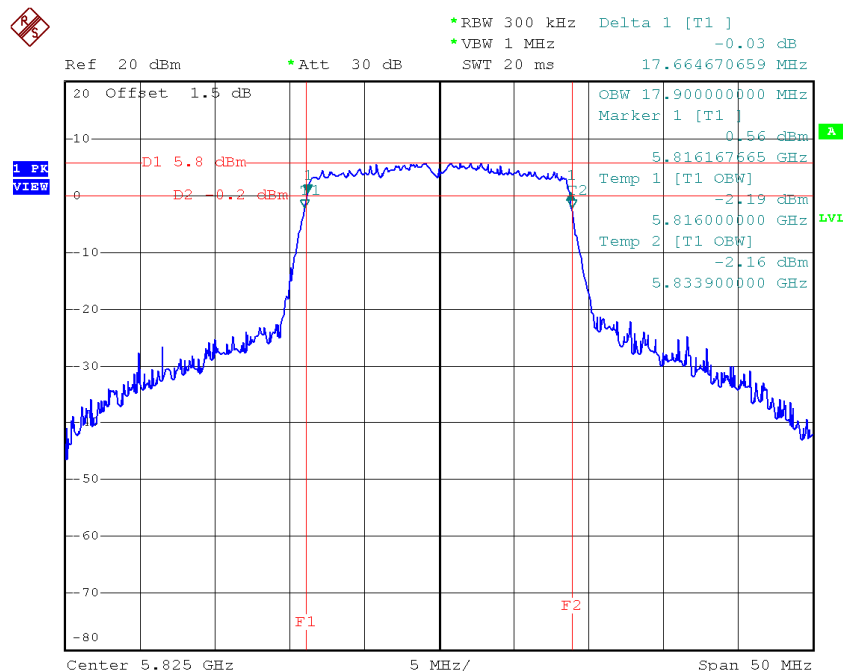
Date: 6.FEB.2015 11:34:25

TX CH 157



Date: 6.FEB.2015 11:35:45

TX CH 165

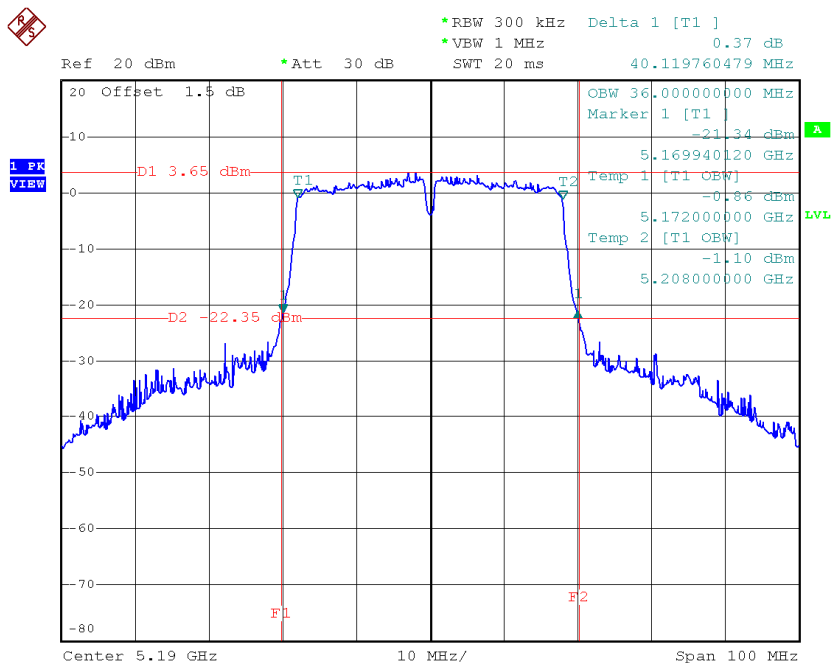


Date: 6.FEB.2015 11:37:07

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159

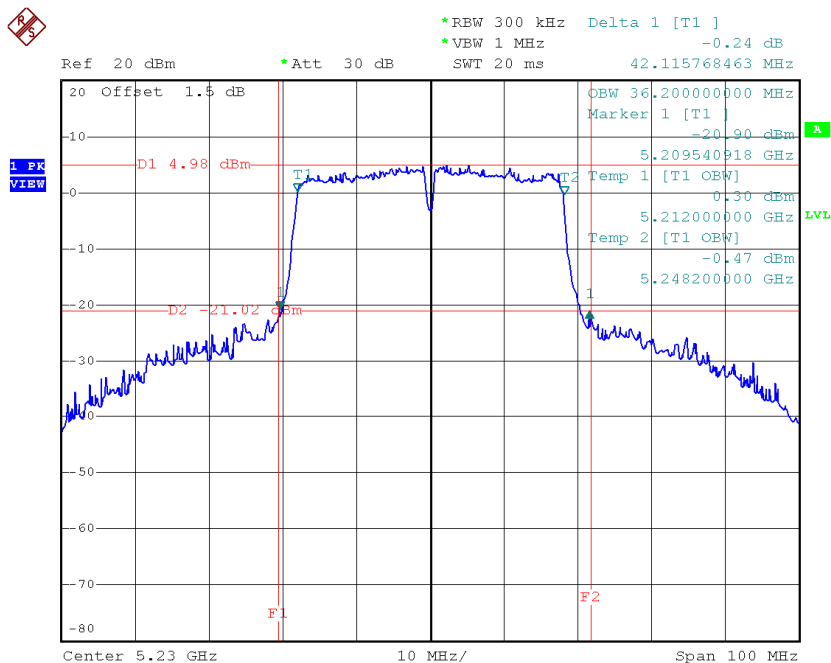
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (KHz)
CH151	5755	40.12	36.00	>=500
CH159	5795	42.12	36.20	>=500

TX CH 151



Date: 6.FEB.2015 11:51:16

TX CH 159

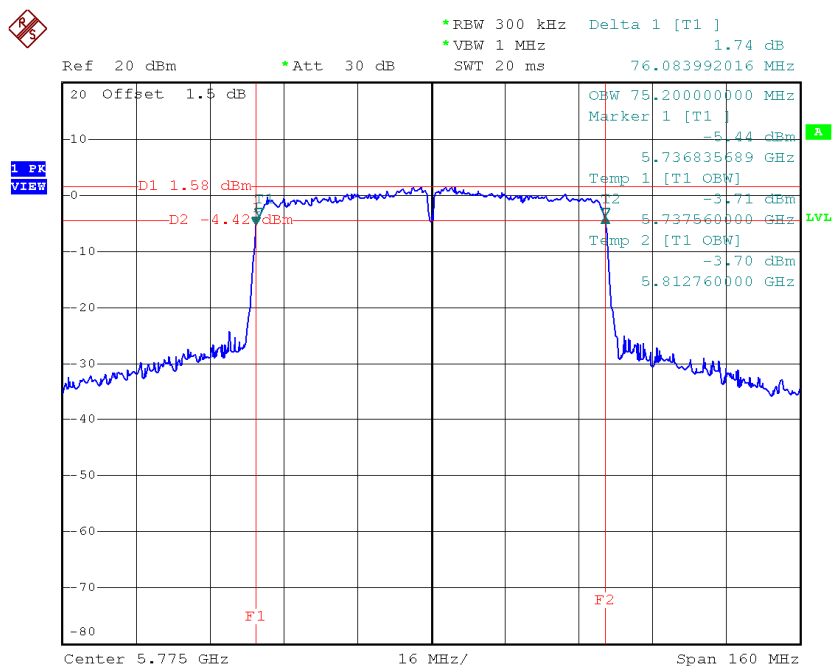


Date: 6.FEB.2015 11:52:27

Test Mode: UNII-3/ TX AC80 Mode_CH155

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (KHz)
CH155	5775	76.08	75.20	>=500

TX CH 155



Date: 4.FEB.2015 15:29:00

ATTACHMENT F - MAXIMUM OUTPUT POWER

Test Mode: UNII-1/TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.10	0.53	16.63	24.00	0.25
CH40	5200	15.96	0.53	16.49	24.00	0.25
CH48	5240	15.03	0.53	15.56	24.00	0.25

Test Mode: UNII-1/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.22	1.04	13.26	24.00	0.25
CH40	5200	14.53	1.04	15.57	24.00	0.25
CH48	5240	13.81	1.04	14.85	24.00	0.25

Test Mode: UNII-1/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	12.92	1.04	13.96	24.00	0.25
CH40	5200	14.43	1.04	15.47	24.00	0.25
CH48	5240	14.56	1.04	15.60	24.00	0.25

Test Mode: UNII-1/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	16.64	24.00	0.25
CH40	5200	18.54	24.00	0.25
CH48	5240	18.26	24.00	0.25

Test Mode: UNII-1/TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	10.56	1.91	12.47	24.00	0.25
CH46	5230	14.66	1.91	16.57	24.00	0.25

Test Mode: UNII-1/TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	10.22	1.91	12.13	24.00	0.25
CH46	5230	14.76	1.91	16.67	24.00	0.25

Test Mode: UNII-1/TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	15.32	24.00	0.25
CH46	5230	19.63	24.00	0.25

Test Mode: UNII-3/ TX A Mode

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	14.98	0.53	15.51	30.00	1.00
CH157	5785	14.82	0.53	15.35	30.00	1.00
CH165	5825	14.70	0.53	15.23	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.56	1.04	12.60	30.00	1.00
CH157	5785	10.13	1.04	11.17	30.00	1.00
CH165	5825	10.43	1.04	11.47	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	10.67	1.04	11.71	30.00	1.00
CH157	5785	10.52	1.04	11.56	30.00	1.00
CH165	5825	10.81	1.04	11.85	30.00	1.00

Test Mode: UNII-3/TX N20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.19	30.00	1.00
CH157	5785	14.38	30.00	1.00
CH165	5825	14.68	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	11.94	1.91	13.85	30.00	1.00
CH159	5795	11.92	1.91	13.83	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	11.56	1.91	13.47	30.00	1.00
CH159	5795	12.13	1.91	14.04	30.00	1.00

Test Mode: UNII-3/ TX N40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	16.68	30.00	1.00
CH159	5795	16.95	30.00	1.00

Test Mode: UNII-1/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	13.95	0.56	14.51	24.00	0.25
CH40	5200	13.87	0.56	14.43	24.00	0.25
CH48	5240	14.22	0.56	14.78	24.00	0.25

Test Mode: UNII-1/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	14.55	0.56	15.11	24.00	0.25
CH40	5200	14.42	0.56	14.98	24.00	0.25
CH48	5240	14.73	0.56	15.29	24.00	0.25

Test Mode: UNII-1/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH36	5180	17.83	24.00	0.25
CH40	5200	17.72	24.00	0.25
CH48	5240	18.05	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.03	1.04	13.07	24.00	0.25
CH46	5230	14.67	1.04	15.71	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	12.55	1.04	13.59	24.00	0.25
CH46	5230	14.79	1.04	15.83	24.00	0.25

Test Mode: UNII-1/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH38	5190	16.35	24.00	0.25
CH46	5230	18.78	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	13.21	1.89	15.10	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	13.26	1.89	15.15	24.00	0.25

Test Mode: UNII-1/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH42	5210	18.14	24.00	0.25

Test Mode: UNII-3/TX AC20 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	12.10	0.56	12.66	30.00	1.00
CH157	5785	12.42	0.56	12.98	30.00	1.00
CH165	5825	12.32	0.56	12.88	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	11.64	0.56	12.20	30.00	1.00
CH157	5785	12.44	0.56	13.00	30.00	1.00
CH165	5825	12.89	0.56	13.45	30.00	1.00

Test Mode: UNII-3/TX AC20 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH149	5745	15.45	30.00	1.00
CH157	5785	16.00	30.00	1.00
CH165	5825	16.18	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	13.32	1.04	14.36	30.00	1.00
CH159	5795	16.89	1.04	17.93	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	13.84	1.04	14.88	30.00	1.00
CH159	5795	16.40	1.04	17.44	30.00	1.00

Test Mode: UNII-3/TX AC40 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH151	5755	17.64	30.00	1.00
CH159	5795	20.70	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 1

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	12.62	1.89	14.51	30.00	1.00

Test Mode: UNII-3/TX AC80 Mode_ANT 2

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor (dBm)	Output Power+Duty Factor (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	17.48	1.89	17.48	30.00	1.00

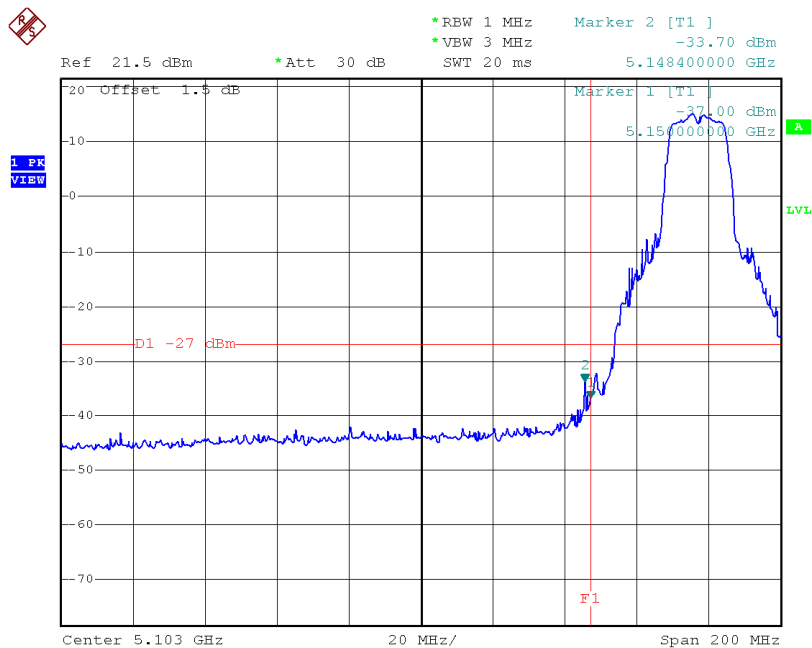
Test Mode: UNII-3/TX AC80 Mode_Total

Channel	Frequency (MHz)	Output Power (dBm)	Limit (dBm)	Limit (Watt)
CH155	5775	17.48	30.00	1.00

ATTACHMENT G - ANTENNA CONDUCTED SPURIOUS EMISSION

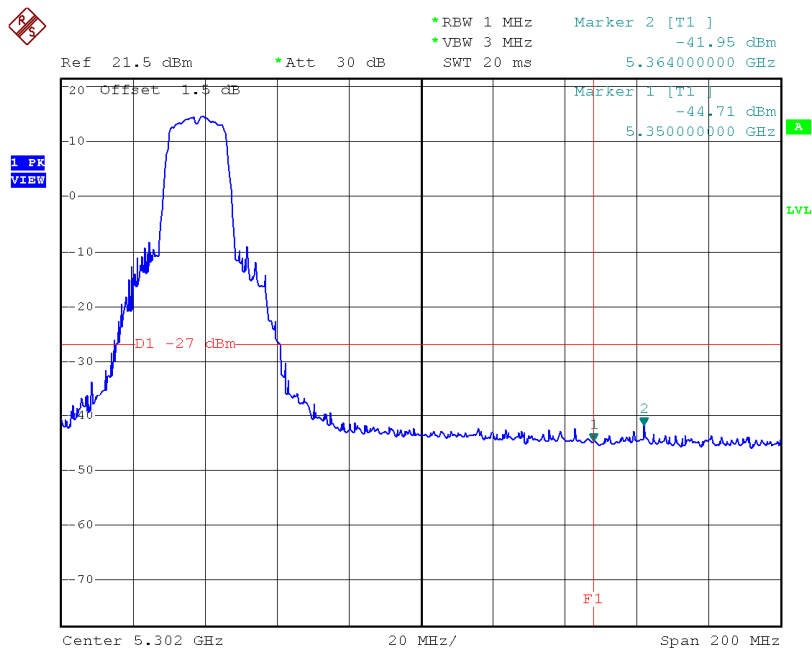
Test Mode: UNII-1/TX A Mode

TX mode CH36



Date: 5.FEB.2015 23:00:39

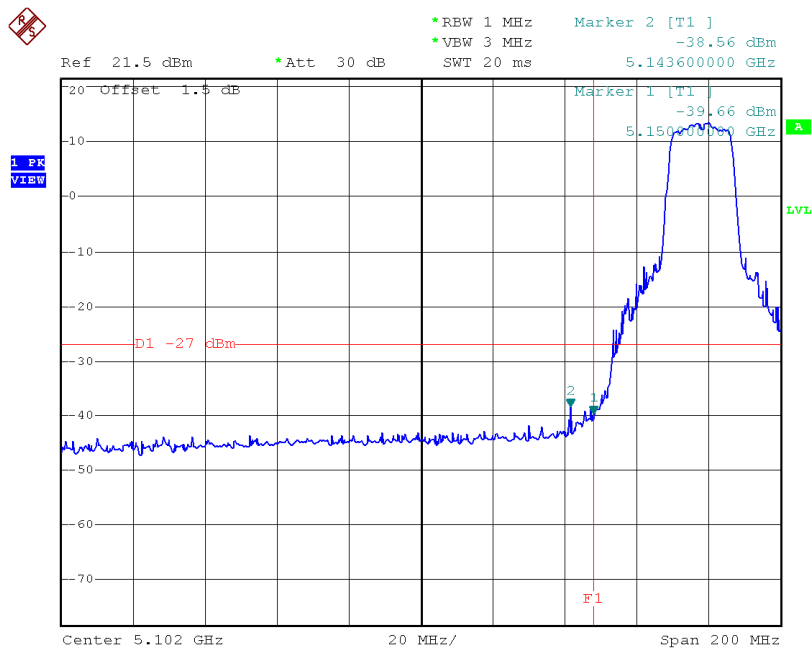
TX mode CH48



Date: 5.FEB.2015 23:02:12

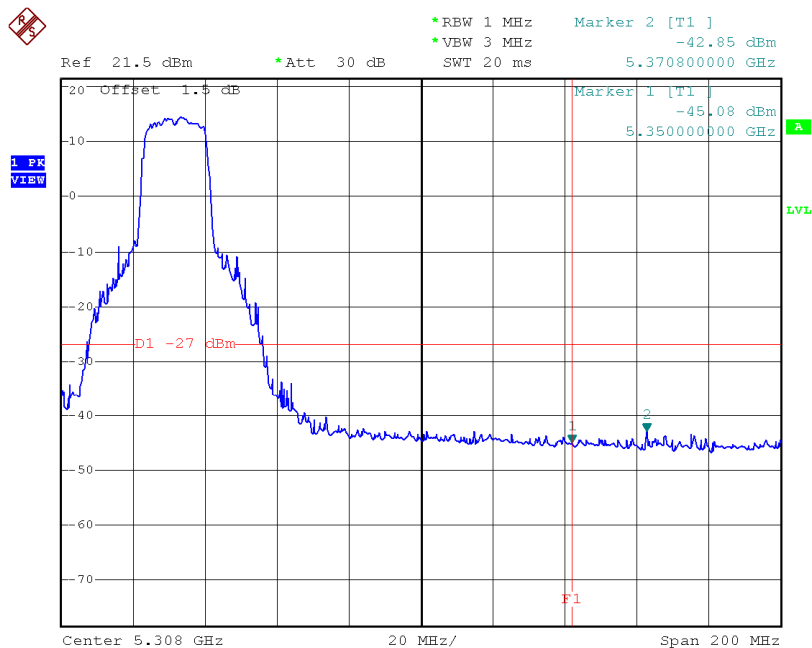
Test Mode:	UNII-1/TX N20 Mode_ANT 1
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TX mode CH36



Date: 5.FEB.2015 23:14:20

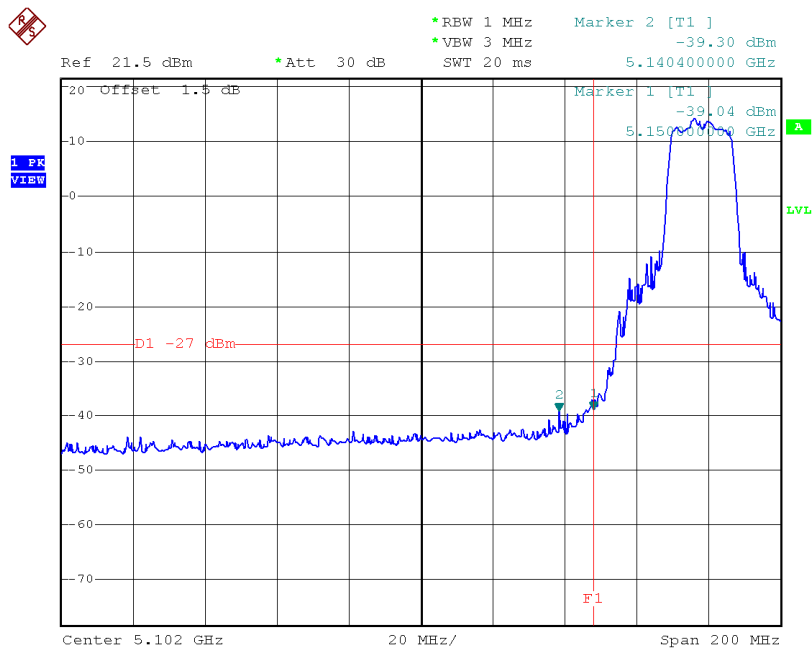
TX mode CH48



Date: 5.FEB.2015 23:16:22

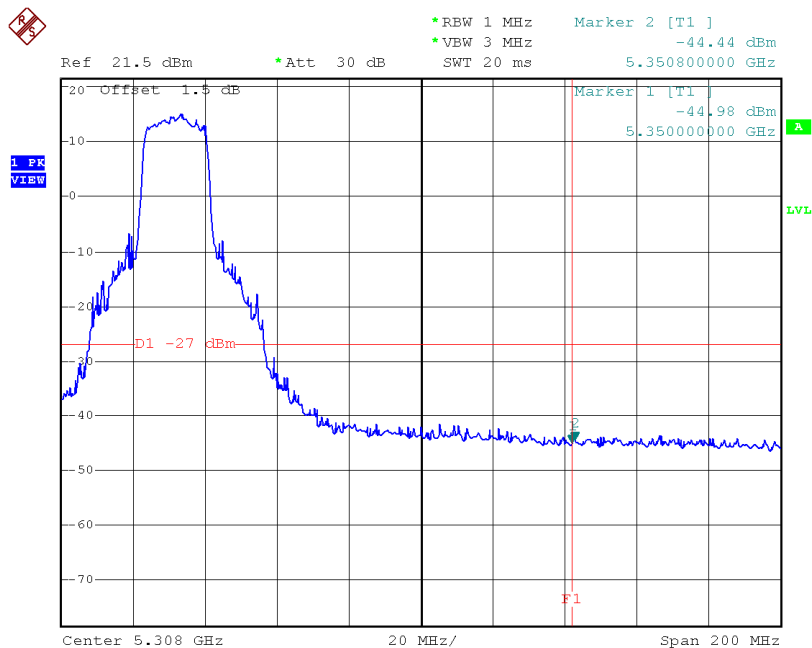
Test Mode:	UNII-1/TX N20 Mode_ANT 2
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TX mode CH36



Date: 5.FEB.2015 23:14:42

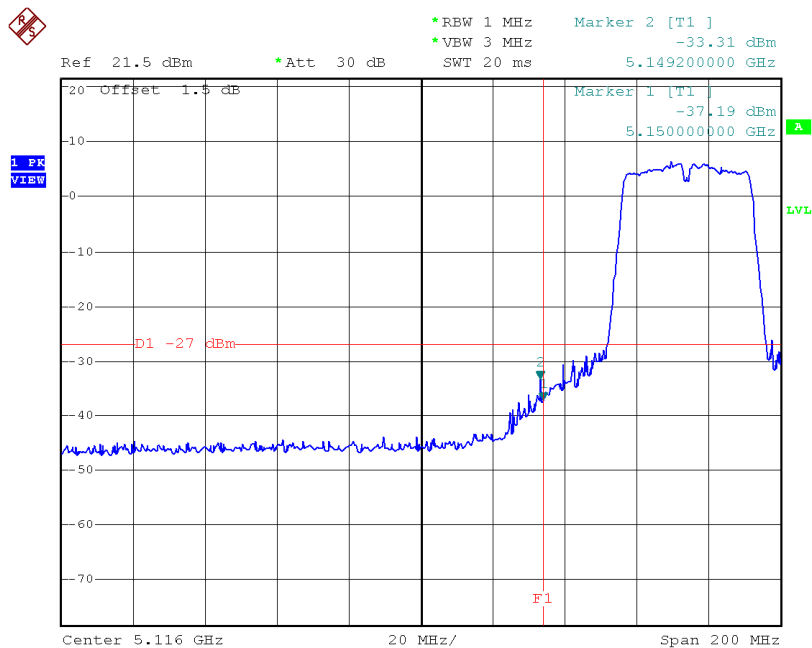
TX mode CH48



Date: 5.FEB.2015 23:16:02

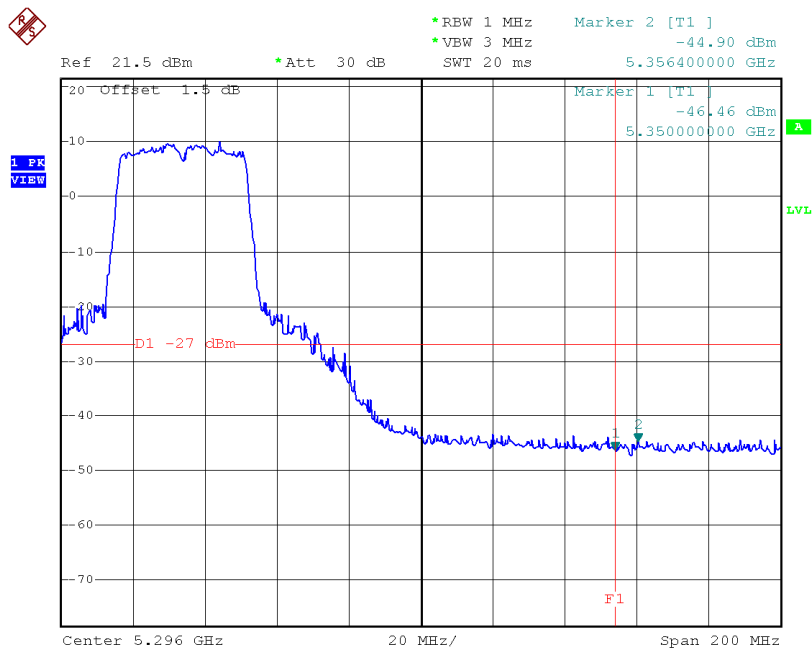
Test Mode:	UNII-1/TX N40 Mode_ANT 1
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TX mode CH38



Date: 5.FEB.2015 23:21:44

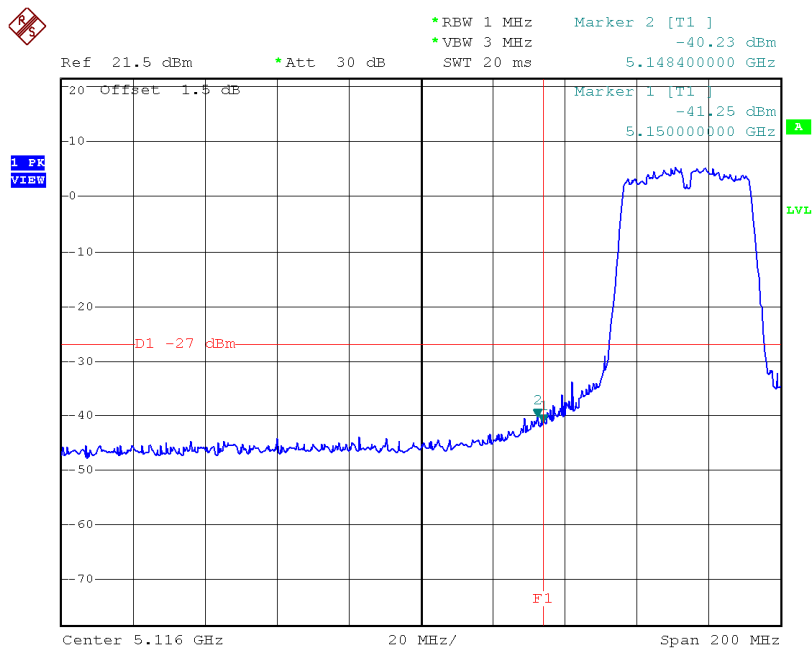
TX mode CH46



Date: 5.FEB.2015 23:23:41

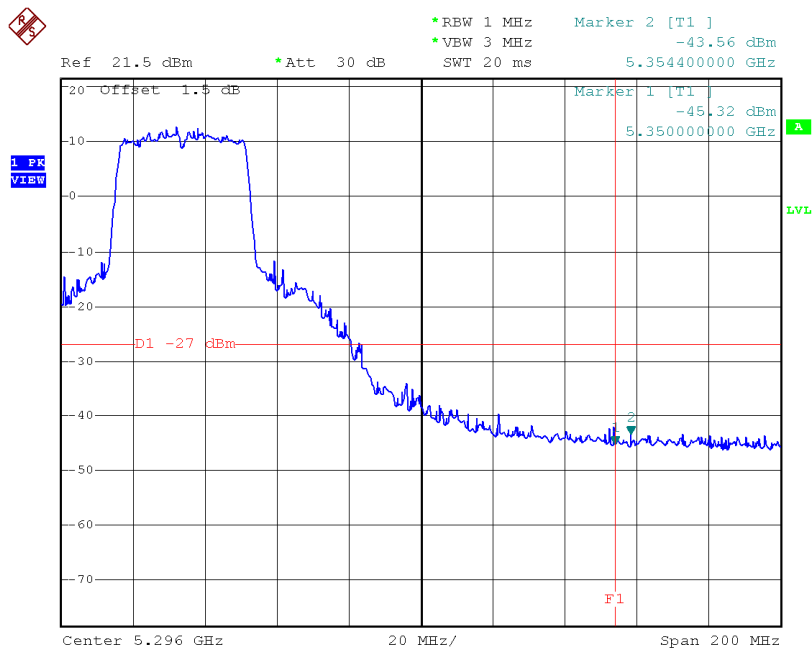
Test Mode: UNII-1/TX N40 Mode_ANT 2

TX mode CH38



Date: 5.FEB.2015 23:21:58

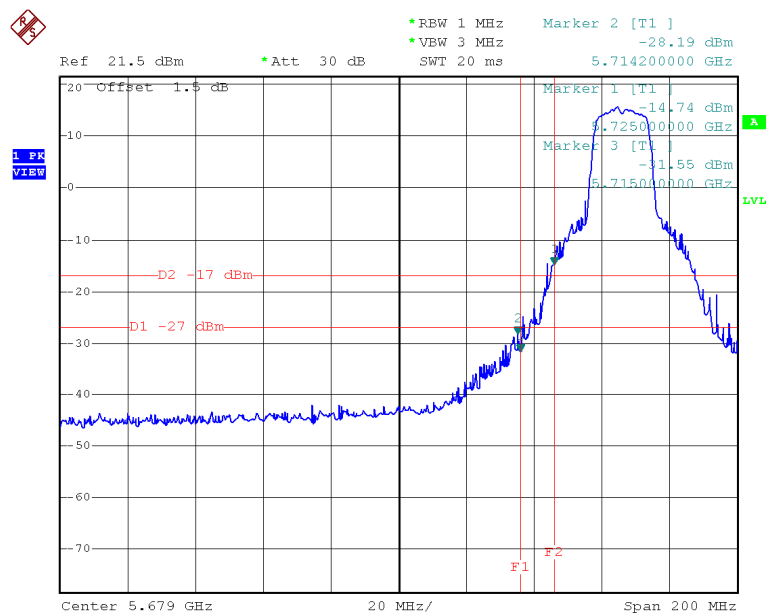
TX mode CH46



Date: 5.FEB.2015 23:23:25

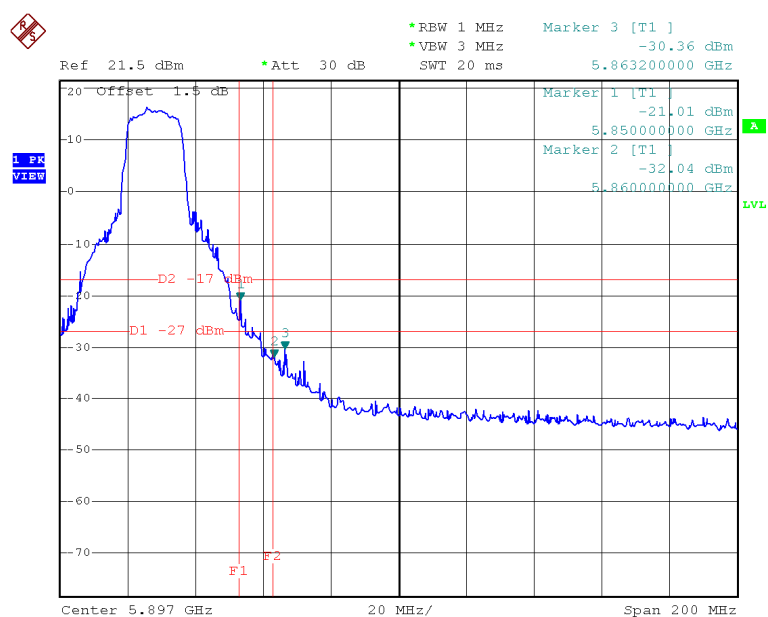
Test Mode: UNII-3/TX A Mode

TX A Mode CH149



Date: 5.FEB.2015 23:04:02

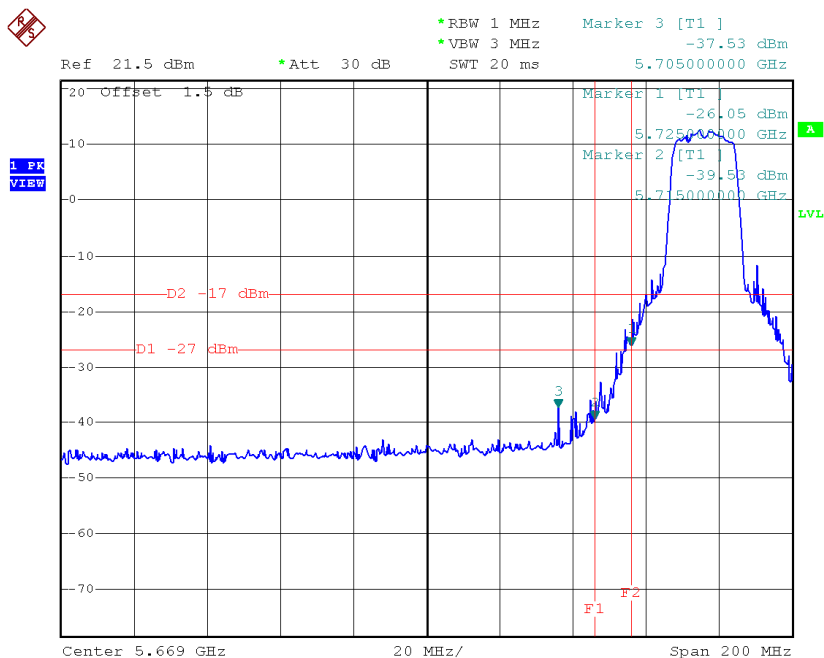
TX A Mode CH165



Date: 5.FEB.2015 23:05:21

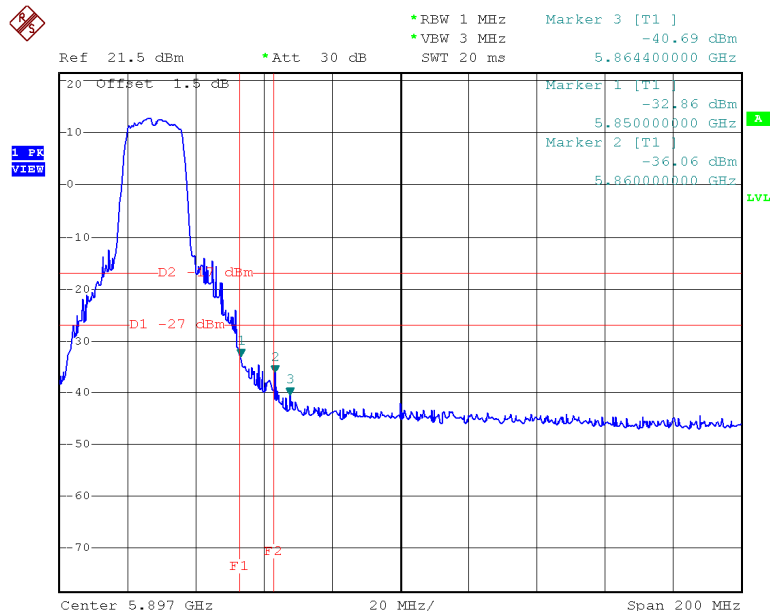
Test Mode: UNII-3/TX N20 Mode_ANT 1

TX HT20 mode CH149



Date: 5.FEB.2015 23:17:51

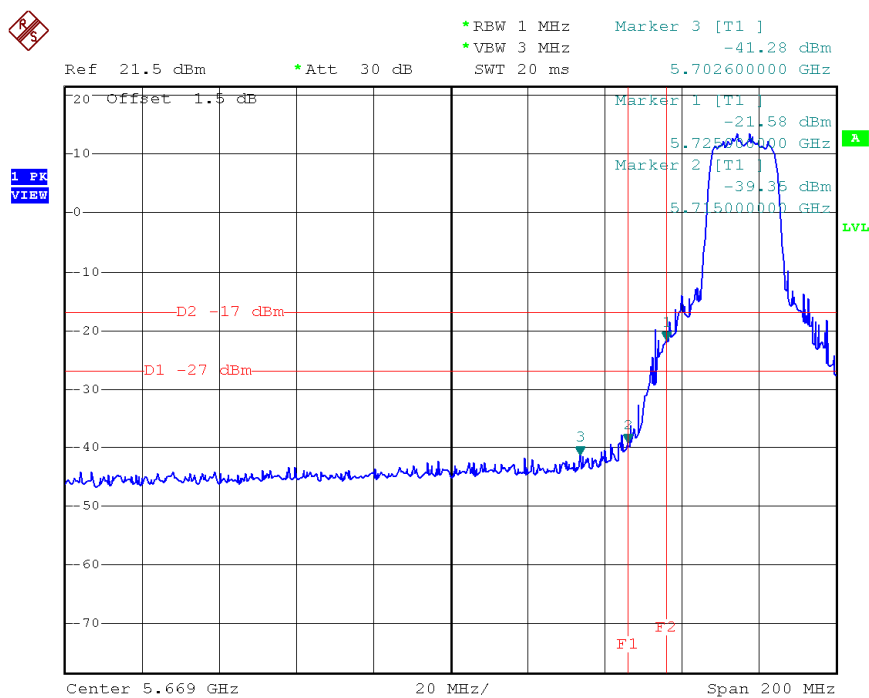
TX HT20 mode CH165



Date: 5.FEB.2015 23:19:47

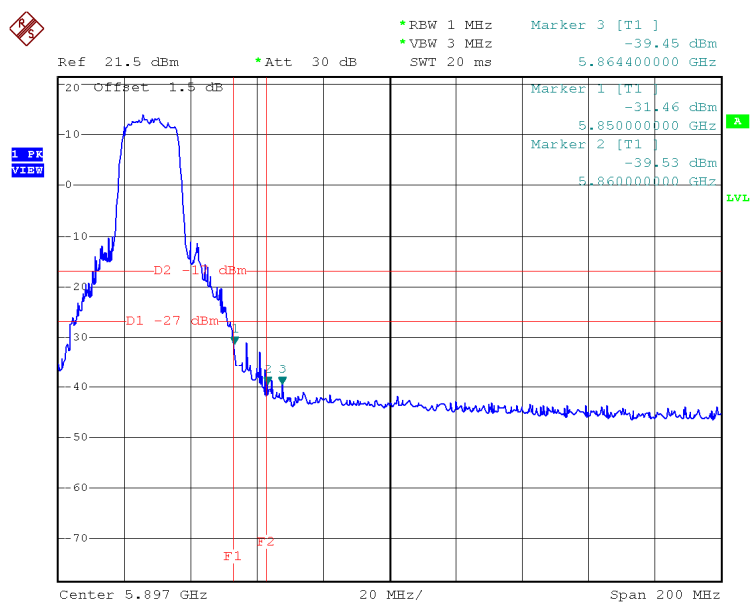
Test Mode: UNII-3/TX N20 Mode_ANT 2

TX HT20 mode CH149



Date: 5.FEB.2015 23:18:07

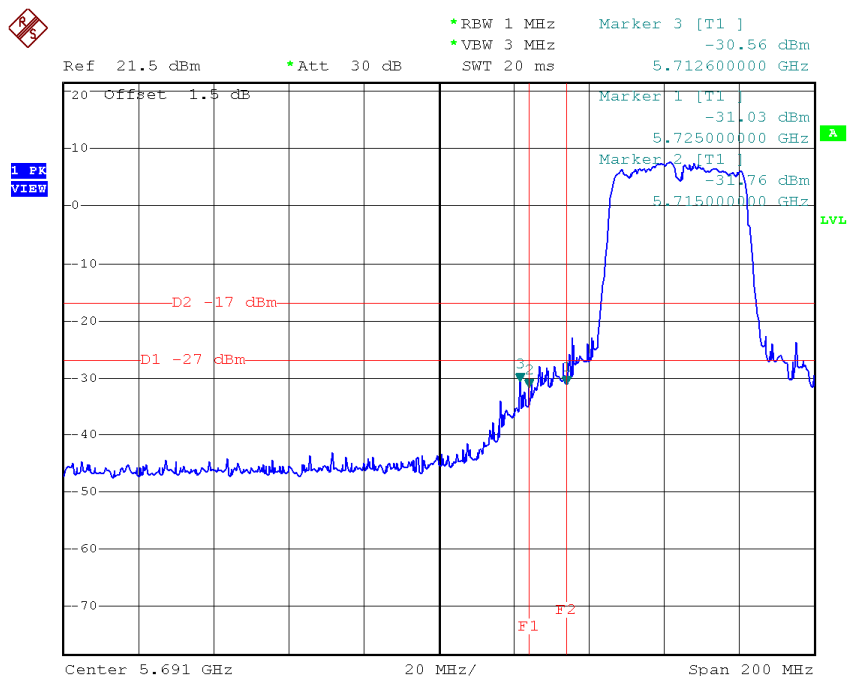
X HT20 mode CH165



Date: 5.FEB.2015 23:19:25

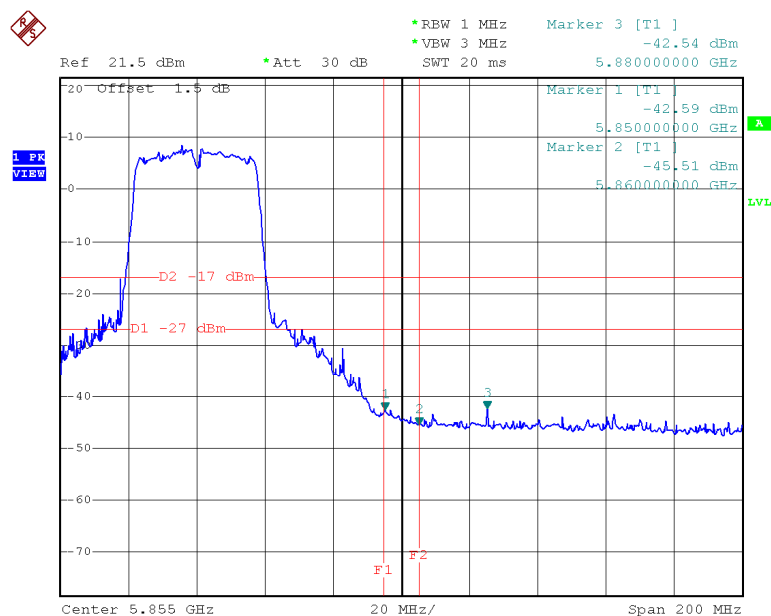
Test Mode: UNII-3/TX N40 Mode_ANT 1

UNII-3/TX HT40 mode CH151



Date: 5.FEB.2015 23:25:21

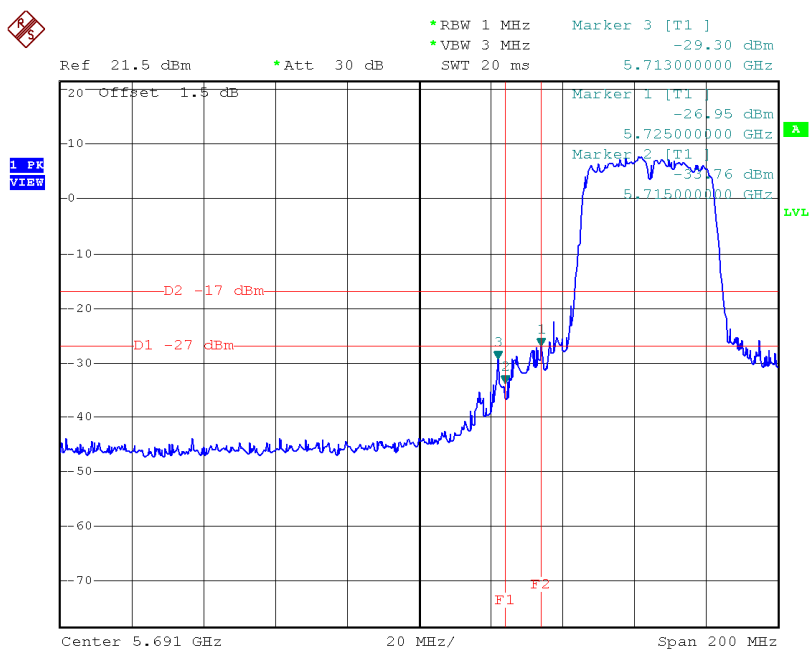
UNII-3/TX HT40 mode CH159



Date: 5.FEB.2015 23:27:08

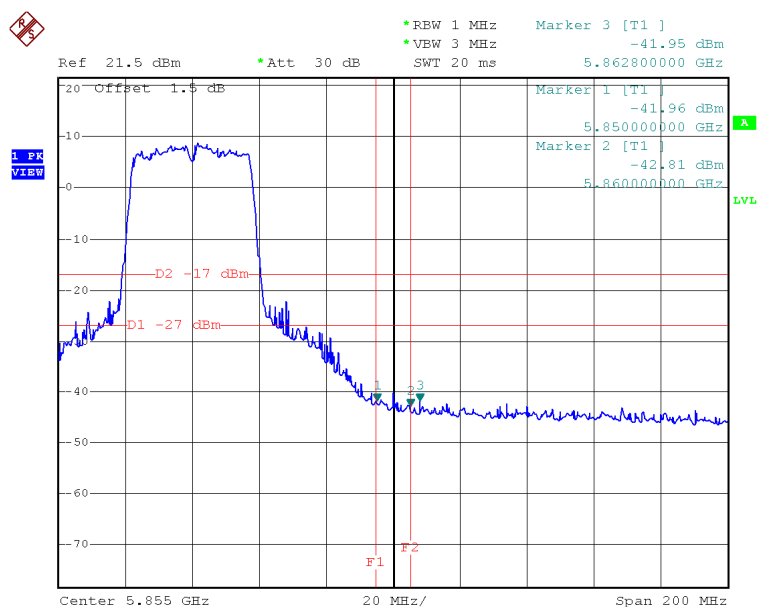
Test Mode: UNII-3/TX N40 Mode_ANT 2

TX HT40 mode CH151



Date: 5.FEB.2015 23:25:38

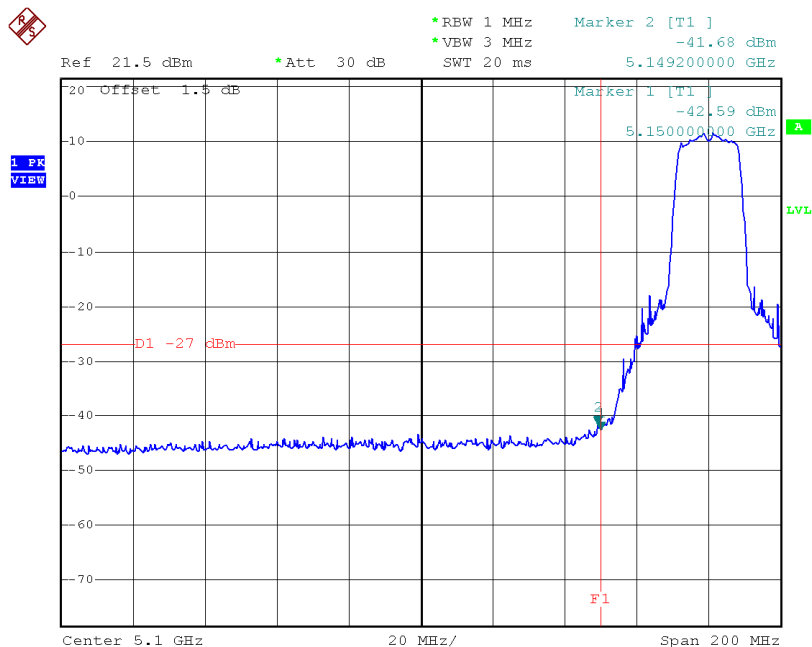
HT40 mode CH159



Date: 5.FEB.2015 23:26:52

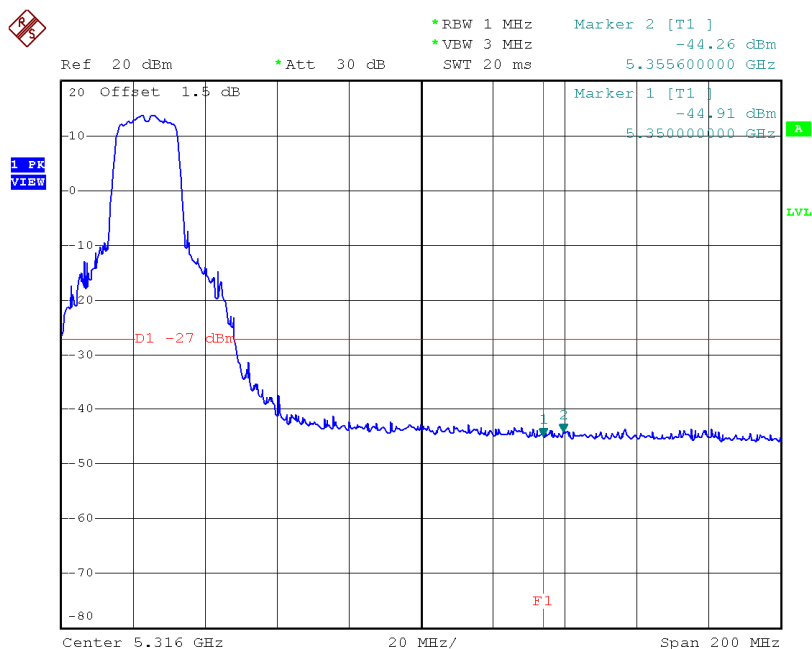
Test Mode: UNII-1/TX AC20 Mode_ANT 1

TX mode CH36



Date: 6.FEB.2015 11:28:17

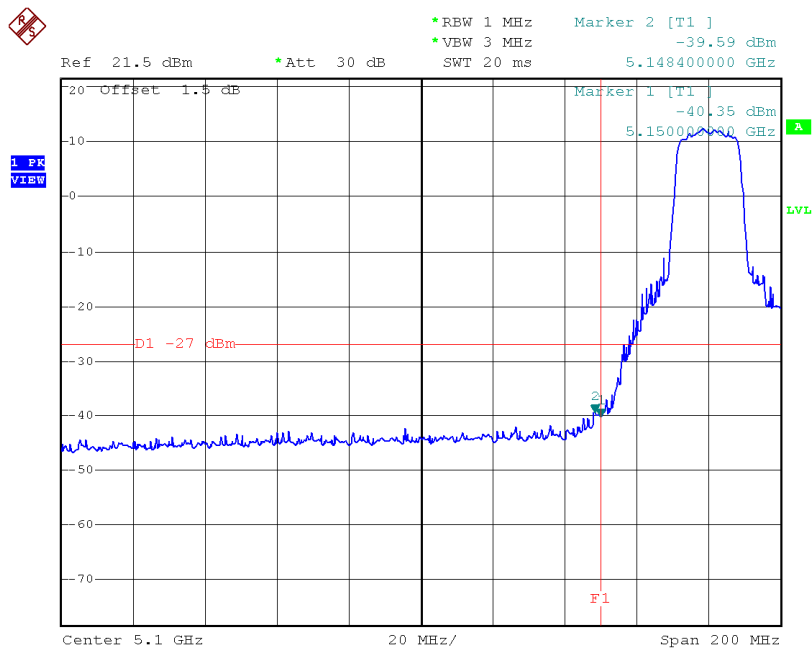
TX mode CH48



Date: 6.FEB.2015 11:31:52

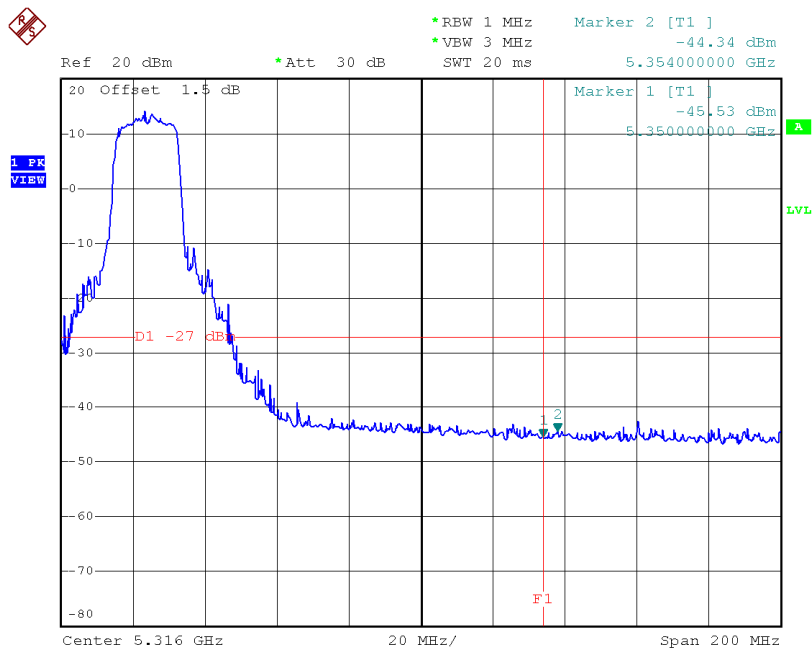
Test Mode: UNII-1/TX AC20 Mode_ANT 2

TX mode CH36



Date: 6.FEB.2015 11:27:35

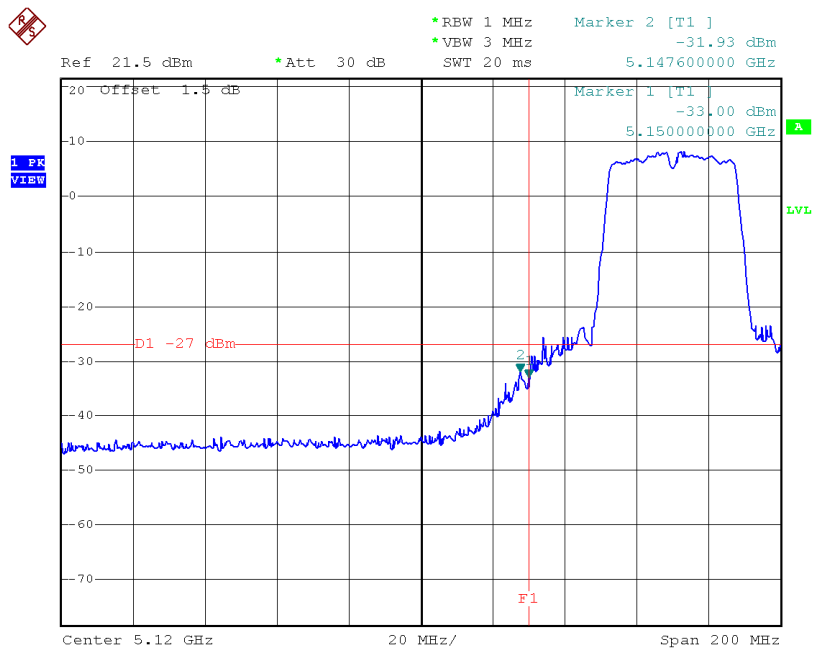
TX mode CH48



Date: 6.FEB.2015 11:32:11

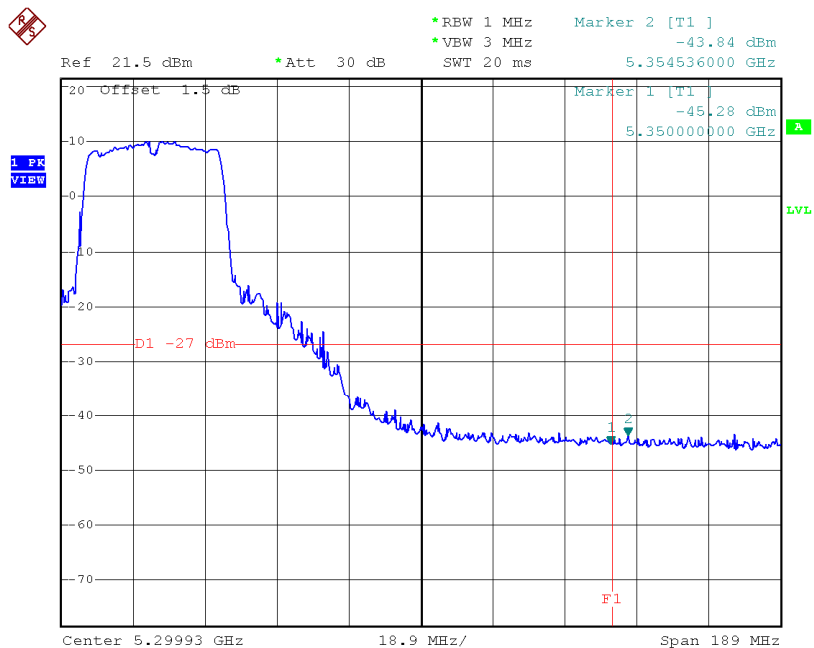
Test Mode: UNII-1/TX AC40 Mode_ANT 1

TX mode CH38



Date: 6.FEB.2015 12:00:43

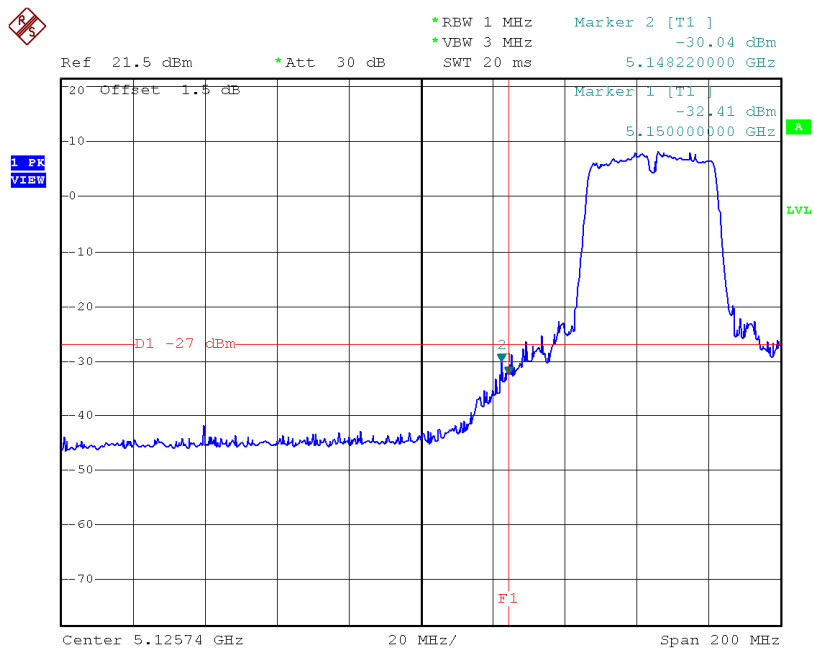
TX mode CH46



Date: 6.FEB.2015 11:54:22

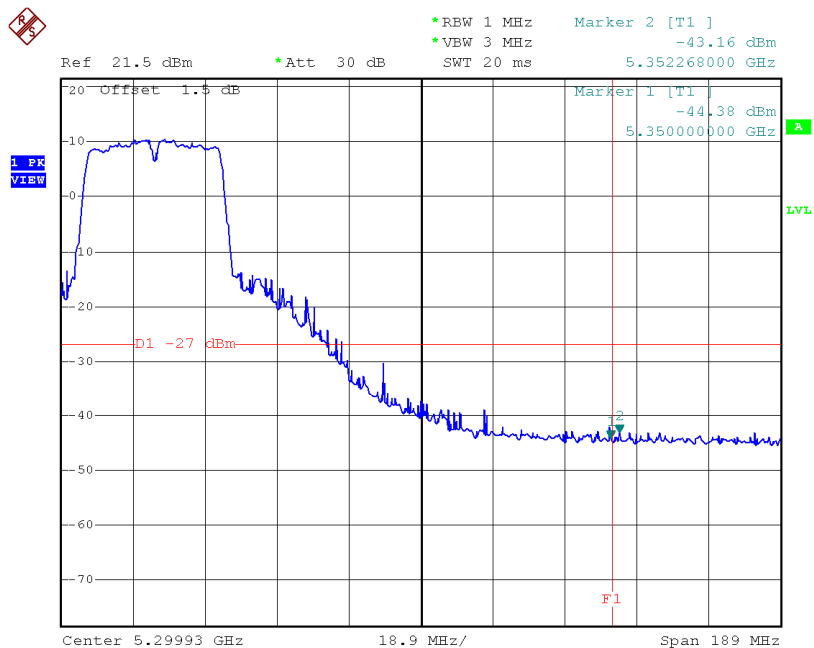
Test Mode: UNII-1/TX AC40 Mode_ANT 2

TX mode CH38



Date: 6.FEB.2015 11:59:04

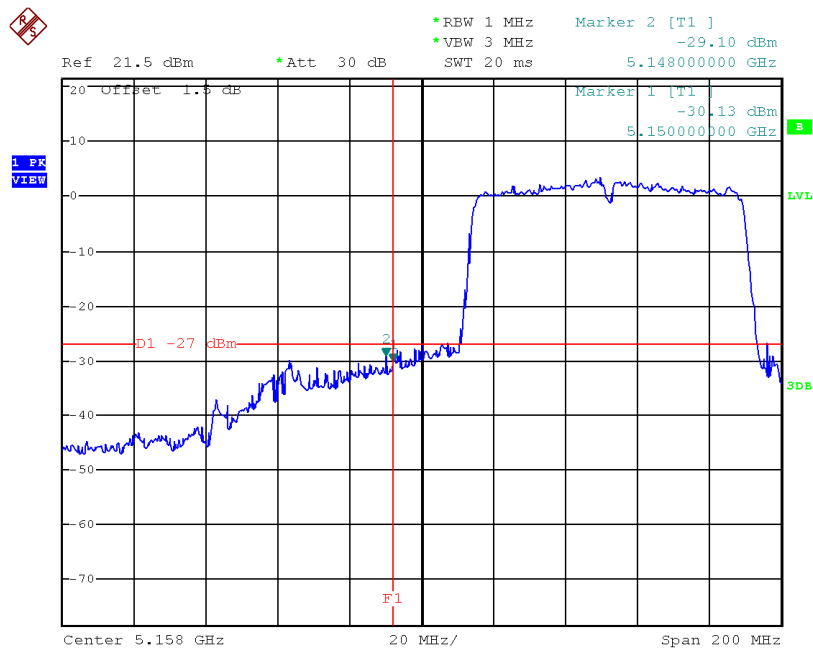
TX mode CH46



Date: 6.FEB.2015 11:55:12

Test Mode:	UNII-1/TX AC80 Mode_ANT 2
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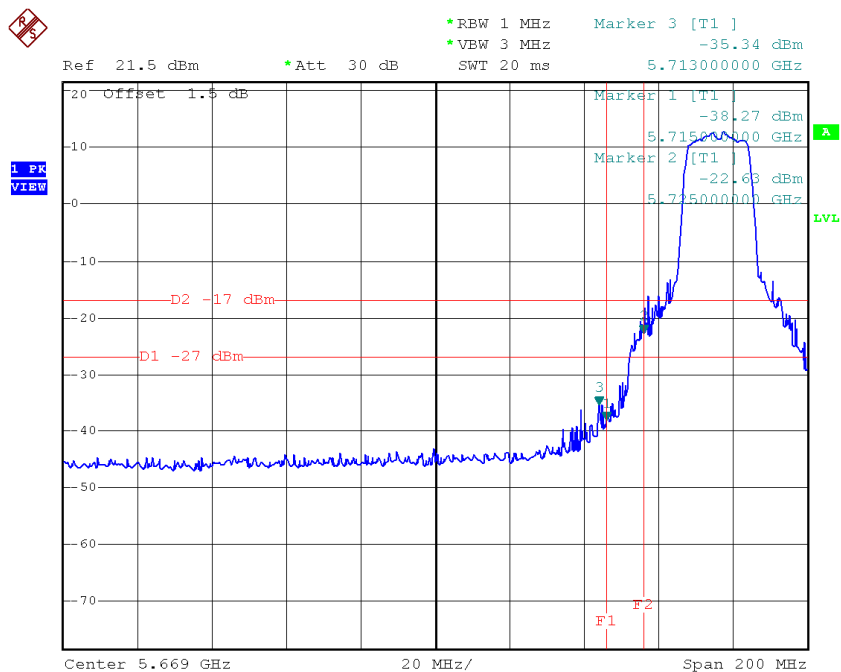
TX mode CH42



Date: 12.FEB.2015 10:54:01

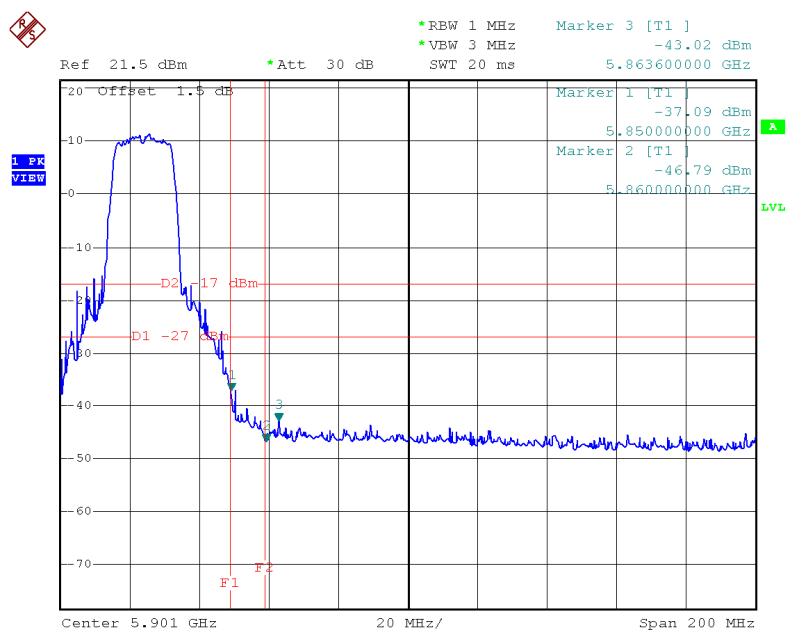
Test Mode: UNII-3/TX AC20 Mode_ANT 1

TX AC HT20 mode CH149



Date: 6.FEB.2015 11:33:55

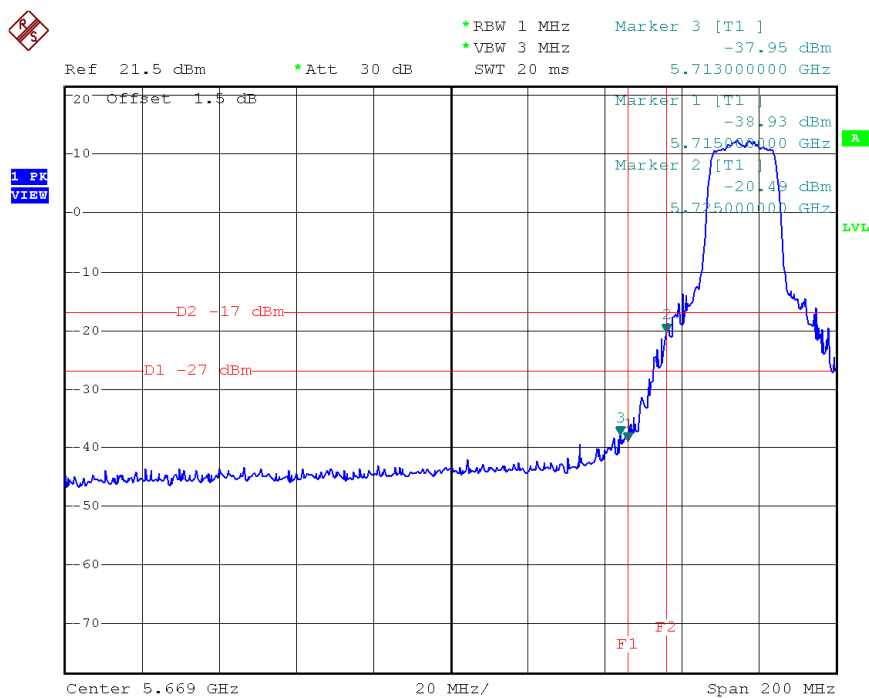
TX AC HT20 mode CH165



Date: 6.FEB.2015 11:39:19

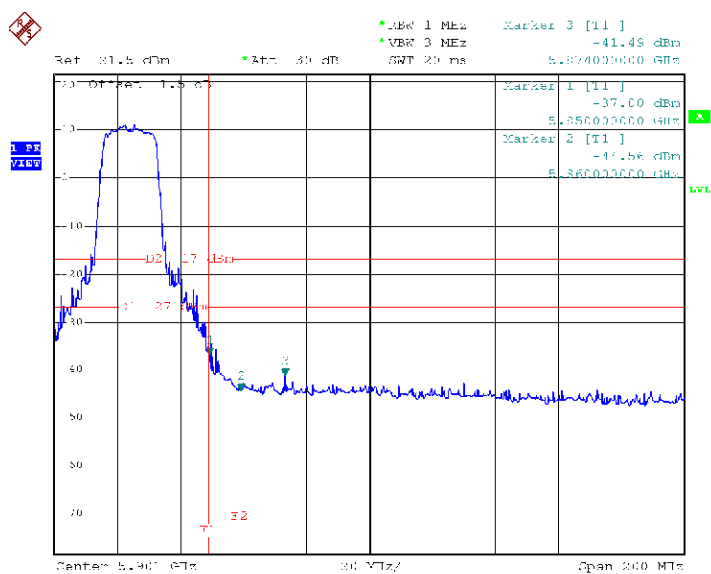
Test Mode: UNII-3/TX AC20 Mode_ANT 2

TX AC HT20 mode CH149



Date: 6.FEB.2015 11:33:27

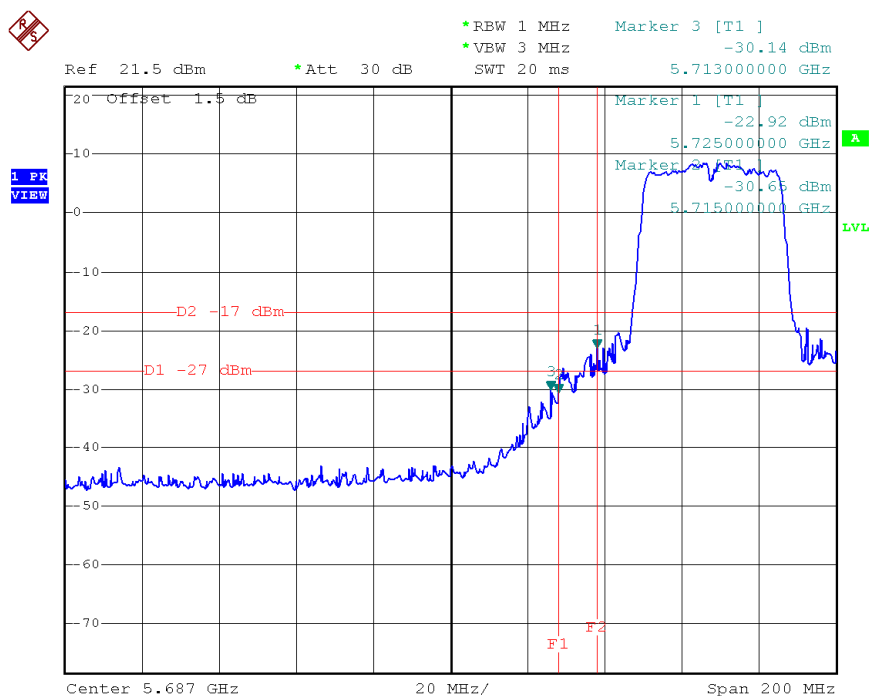
TX AC HT20 mode CH165



Date: 6.FEB.2015 11:38:52

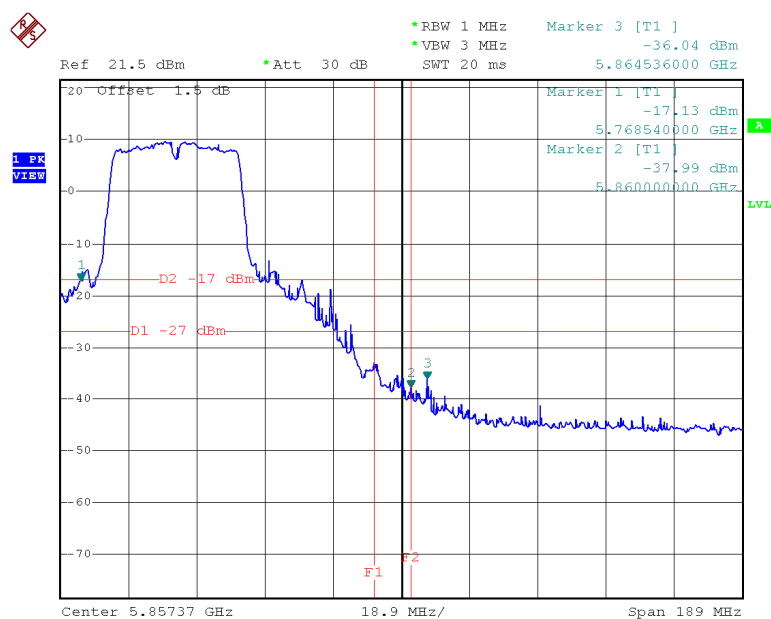
Test Mode: UNII-3/TX AC40 Mode_ANT 1

TX AC HT40 mode CH151



Date: 6.FEB.2015 11:42:17

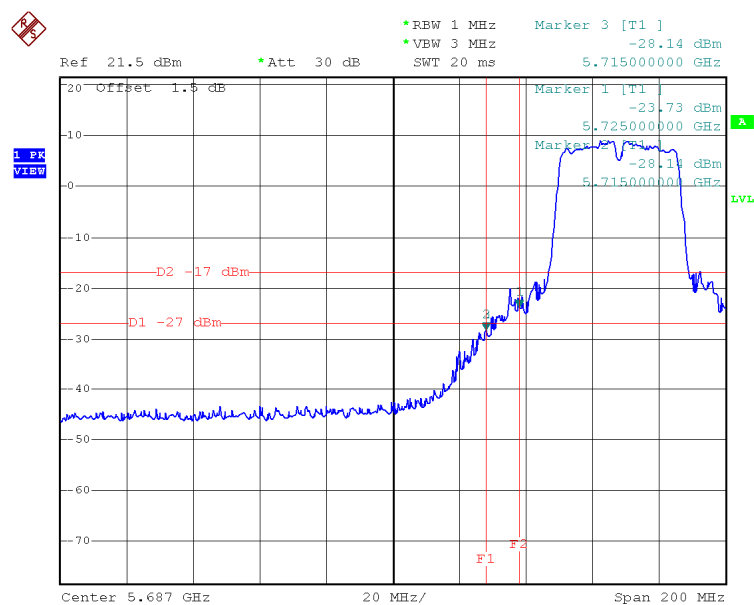
TX AC HT40 mode CH159



Date: 6.FEB.2015 11:56:54

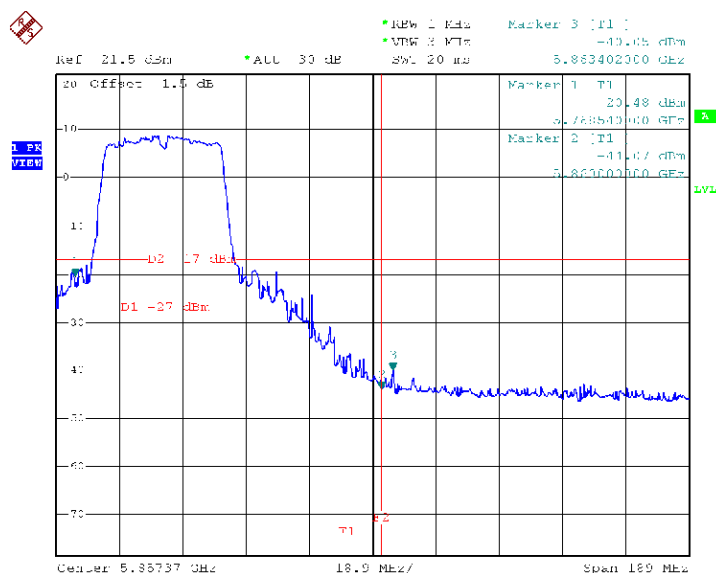
Test Mode: UNII-3/TX AC40 Mode_ANT 2

TX AC HT40 mode CH151



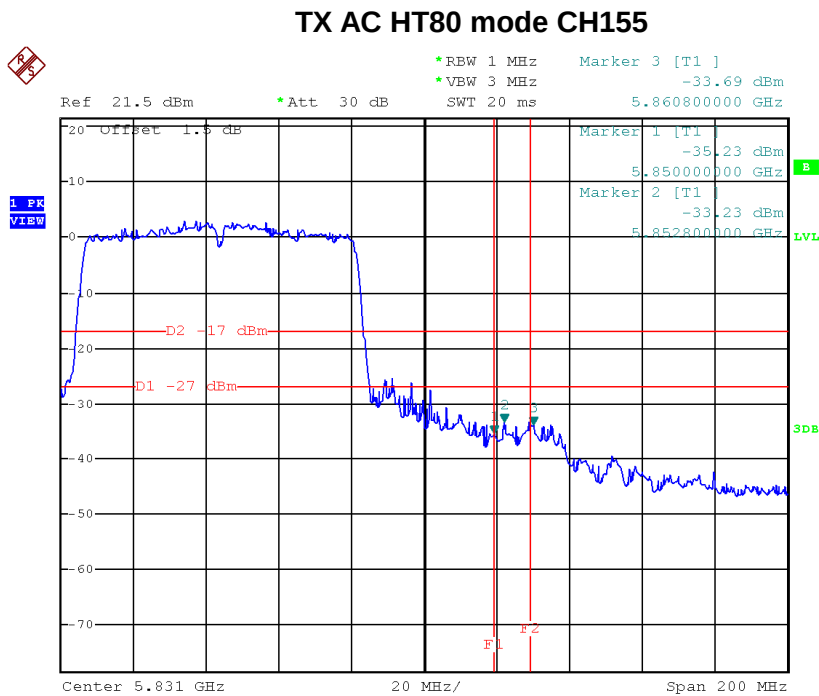
Date: 6.FEB.2015 11:43:34

TX AC HT40 mode CH159



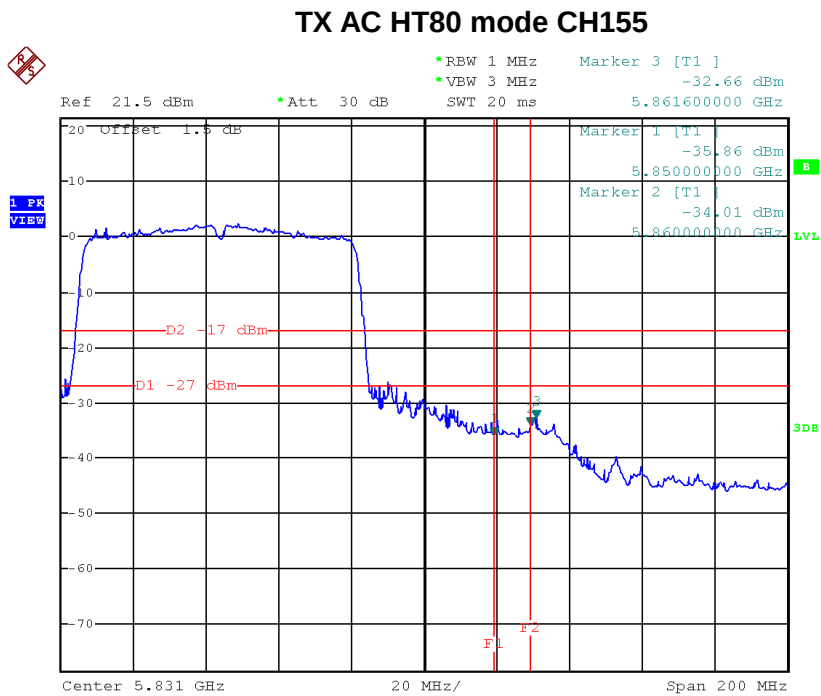
Date: 8.FEB.2015 11:58:35

Test Mode: UNII-3/TX AC80 Mode_ANT 1



Date: 12.FEB.2015 10:14:52

Test Mode: UNII-3/TX AC80 Mode_ANT 2



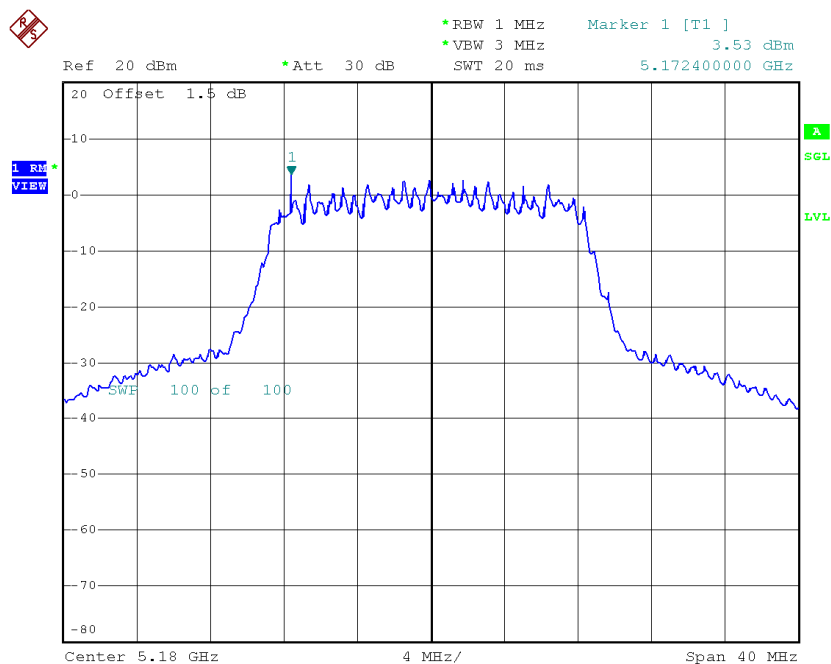
Date: 12.FEB.2015 10:14:14

ATTACHMENT H - POWER SPECTRAL DENSITY

Test Mode: UNII-1/ TX A Mode_CH36/CH40/CH48

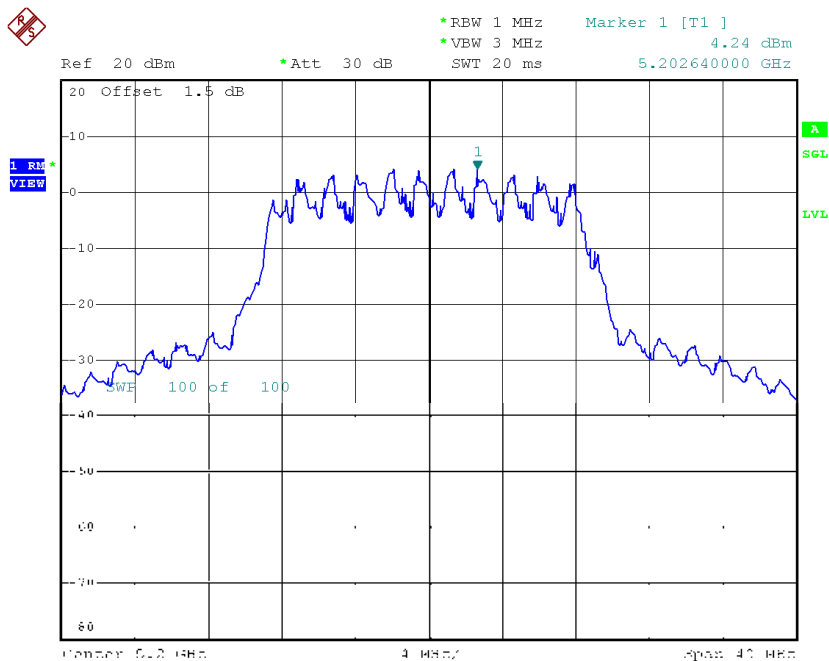
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	3.53	0.53	4.06	11.00
CH40	5200	4.24	0.53	4.77	11.00
CH48	5240	4.32	0.53	4.85	11.00

CH36



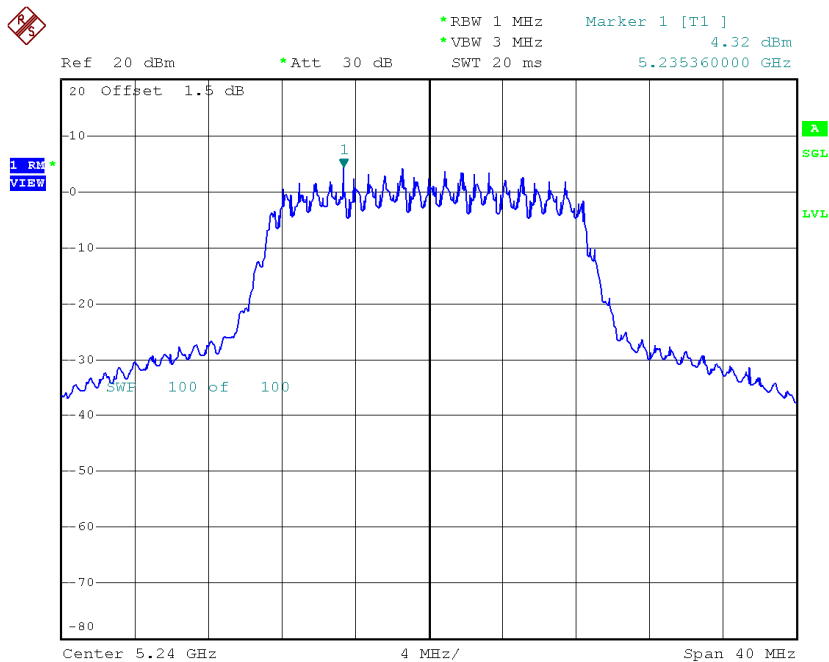
Date: 3.FEB.2015 17:12:13

CH40



Date: 3.FEB.2015 17:14:27

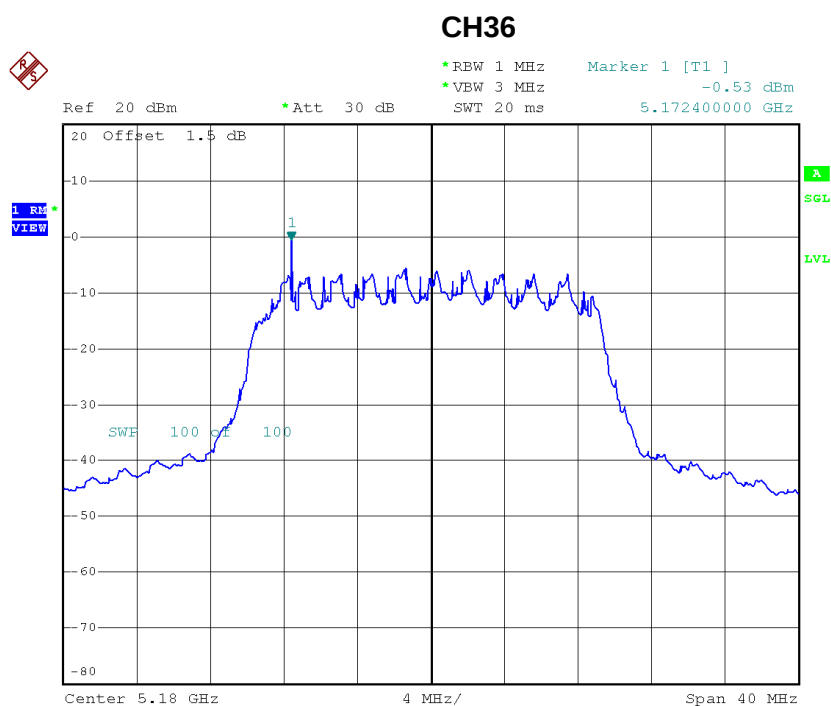
CH48



Date: 3.FEB.2015 17:15:58

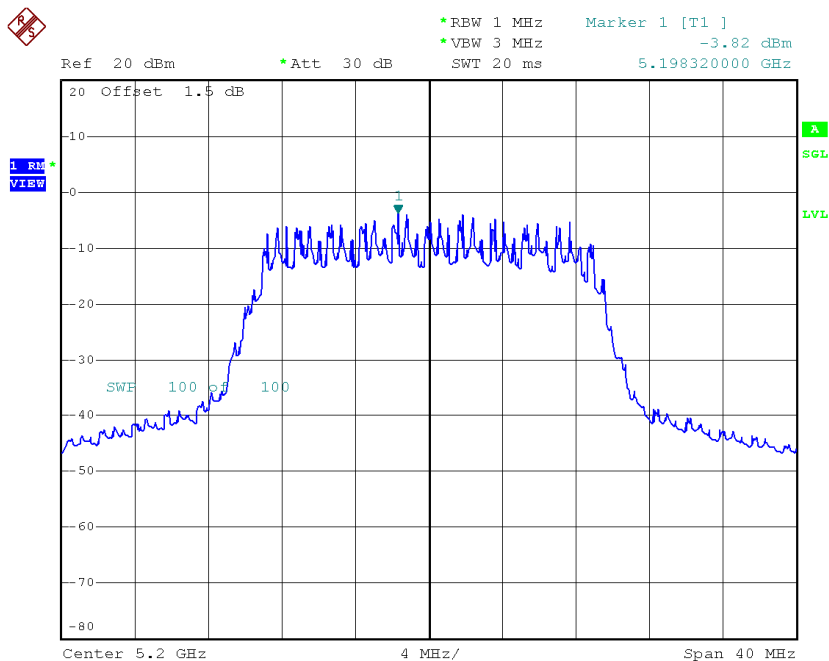
Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-0.53	1.04	0.51	11.00
CH40	5200	-3.82	1.04	-2.78	11.00
CH48	5240	-0.58	1.04	0.46	11.00



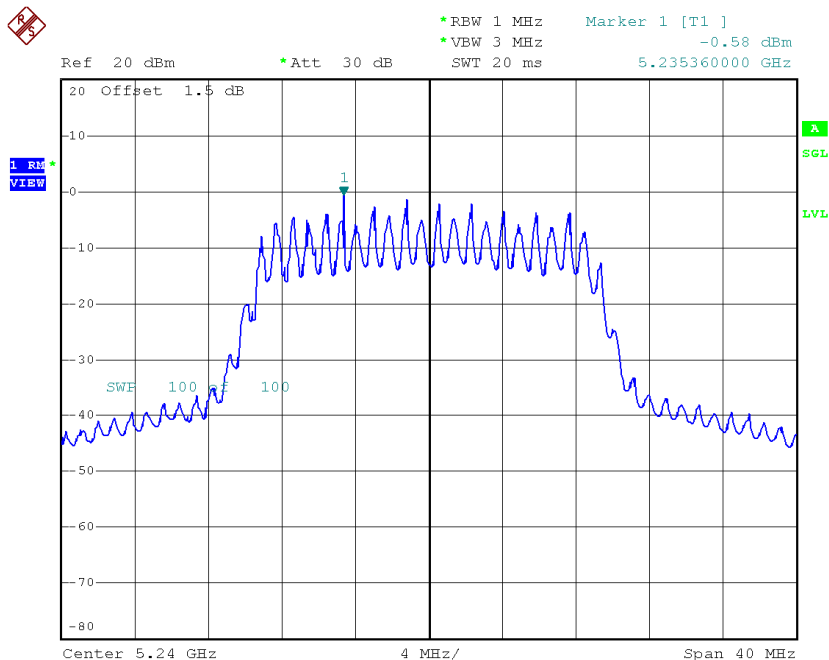
Date: 17.MAR.2015 17:14:23

CH40



Date: 17.MAR.2015 17:16:43

CH48

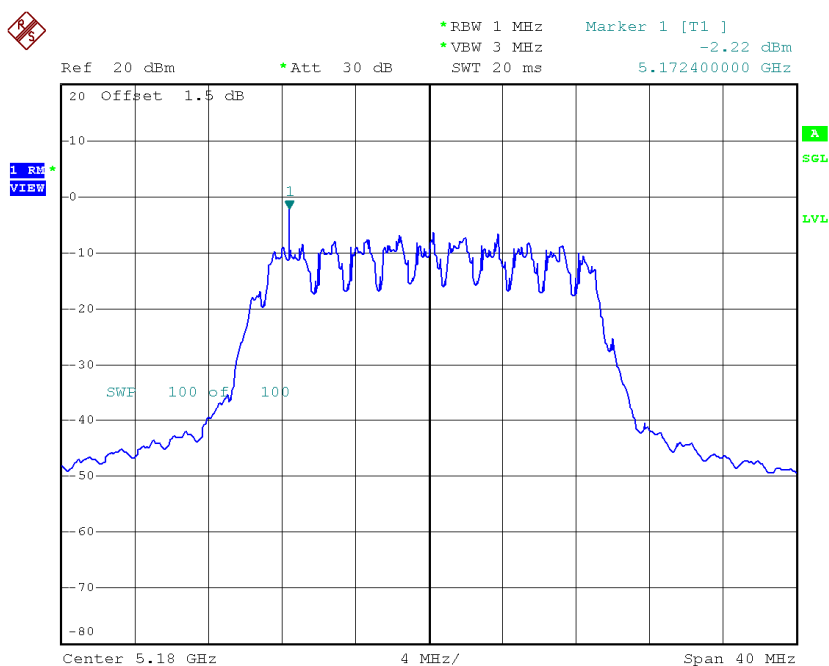


Date: 17.MAR.2015 17:21:45

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_ANT 2

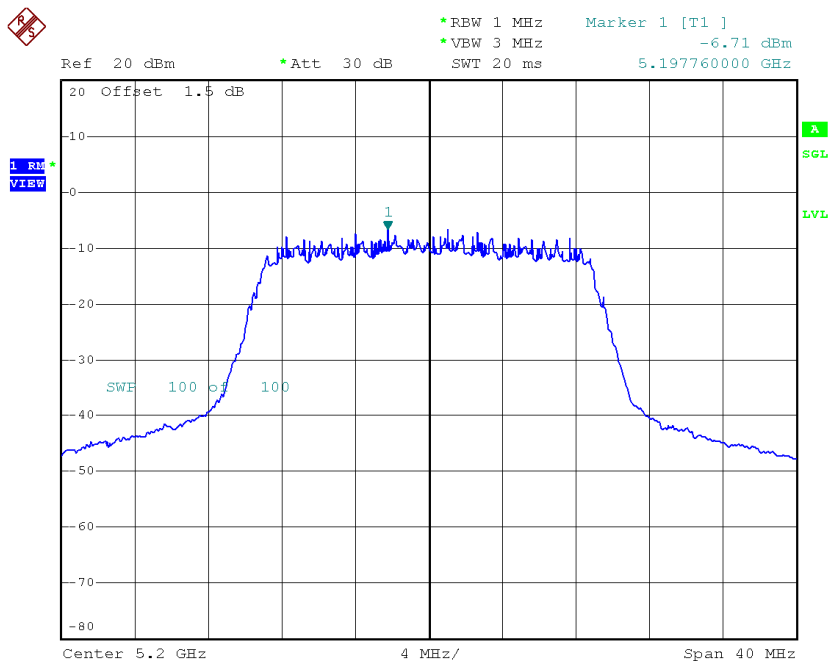
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	-2.22	1.04	-1.18	11.00
CH40	5200	-6.71	1.04	-5.67	11.00
CH48	5240	-3.24	1.04	-2.20	11.00

CH36



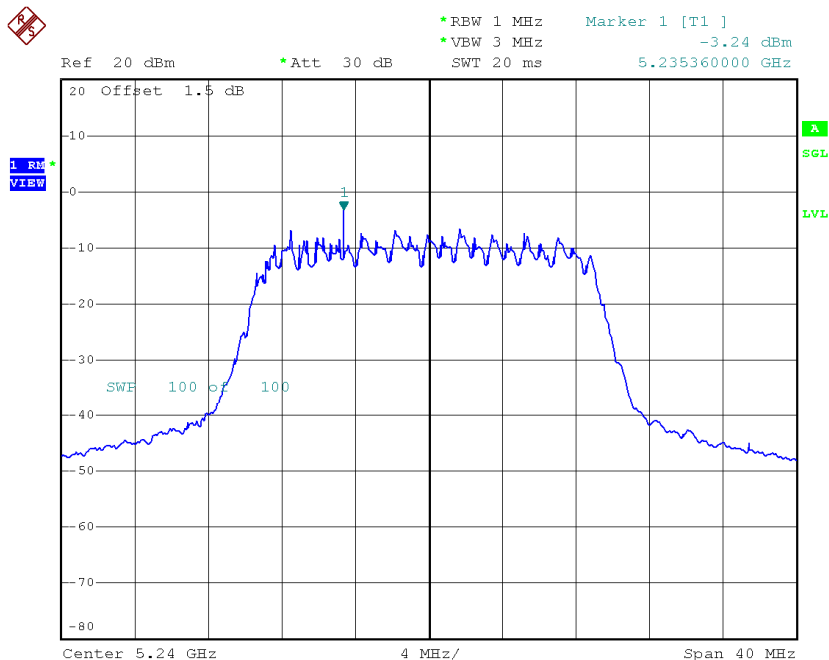
Date: 17.MAR.2015 17:14:41

CH40



Date: 17.MAR.2015 17:16:03

CH48



Date: 17.MAR.2015 17:22:16

Test Mode: UNII-1/TX N20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	2.76	11.00
CH40	5200	-0.97	11.00
CH48	5240	2.35	11.00

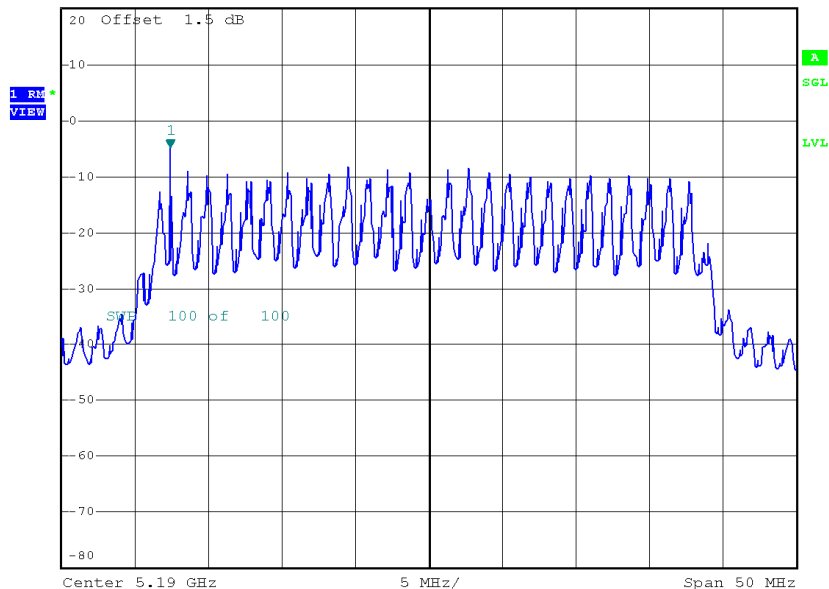
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-4.79	1.91	-2.88	11.00
CH46	5230	-3.86	1.91	-1.95	11.00

CH38



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -4.79 dBm
 SWT 20 ms 5.172400000 GHz

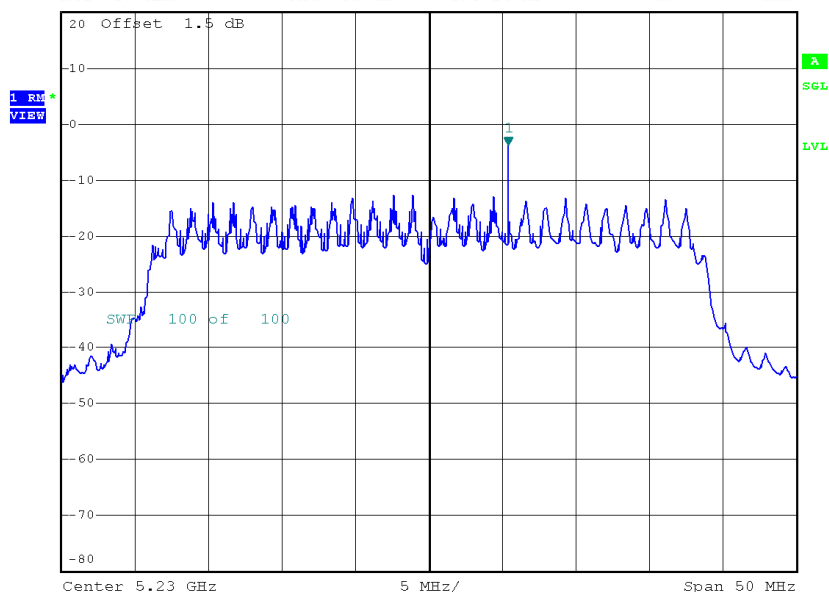


Date: 17.MAR.2015 17:25:06

CH46



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -3.86 dBm
 SWT 20 ms 5.235400000 GHz

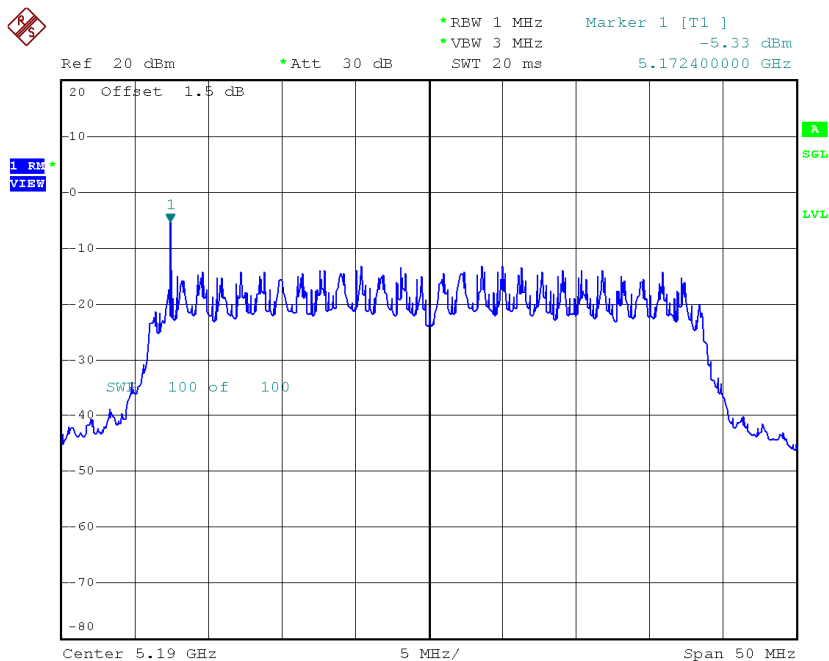


Date: 17.MAR.2015 17:28:06

Test Mode: UNII-1/TX N40 Mode_CH38/CH46_ANT 2

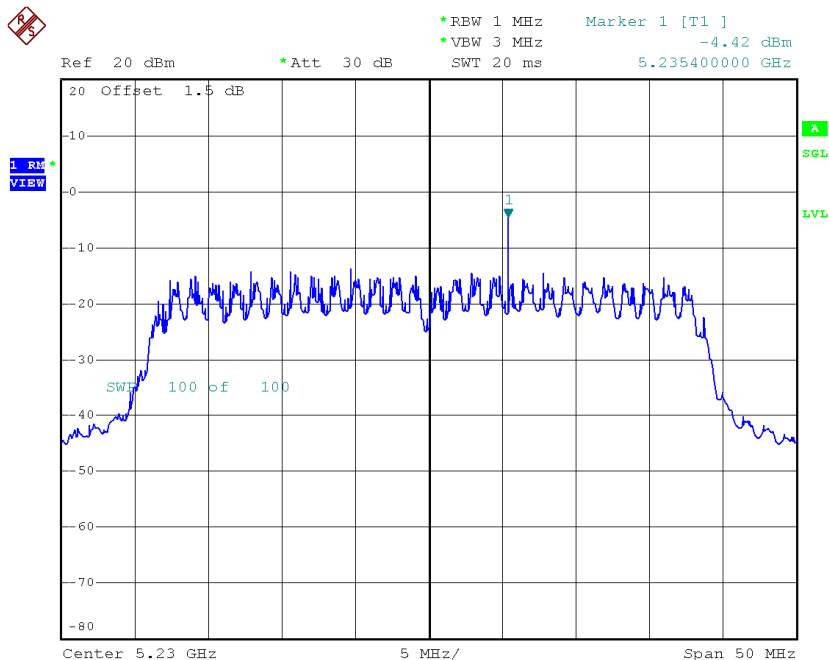
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-5.33	1.91	-3.42	11.00
CH46	5230	-4.42	1.91	-2.51	11.00

CH38



Date: 17.MAR.2015 17:24:48

CH46



Date: 17.MAR.2015 17:28:25

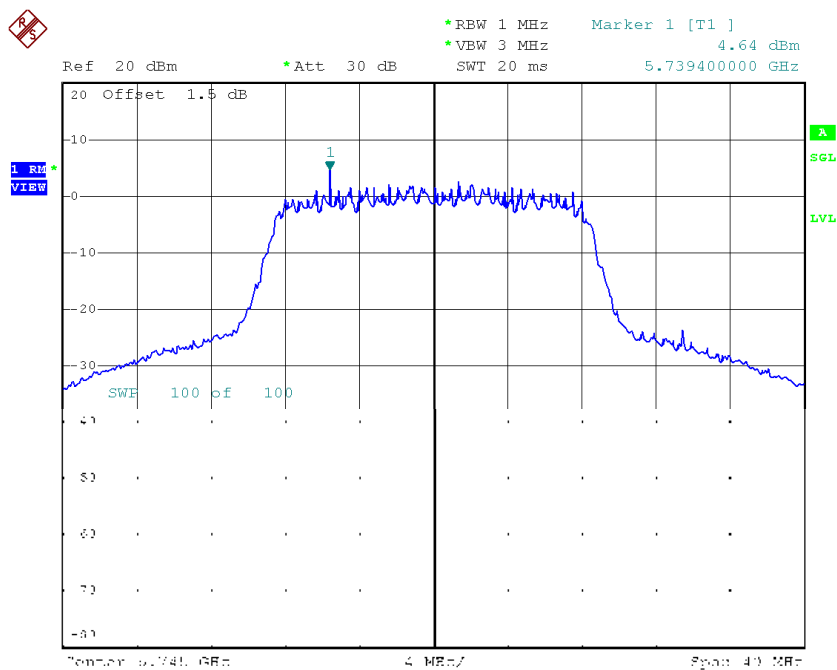
Test Mode: UNII-1/TX N40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-0.13	11.00
CH46	5230	0.79	11.00

Test Mode: UNII-3/TX A Mode_CH149/CH157/CH165

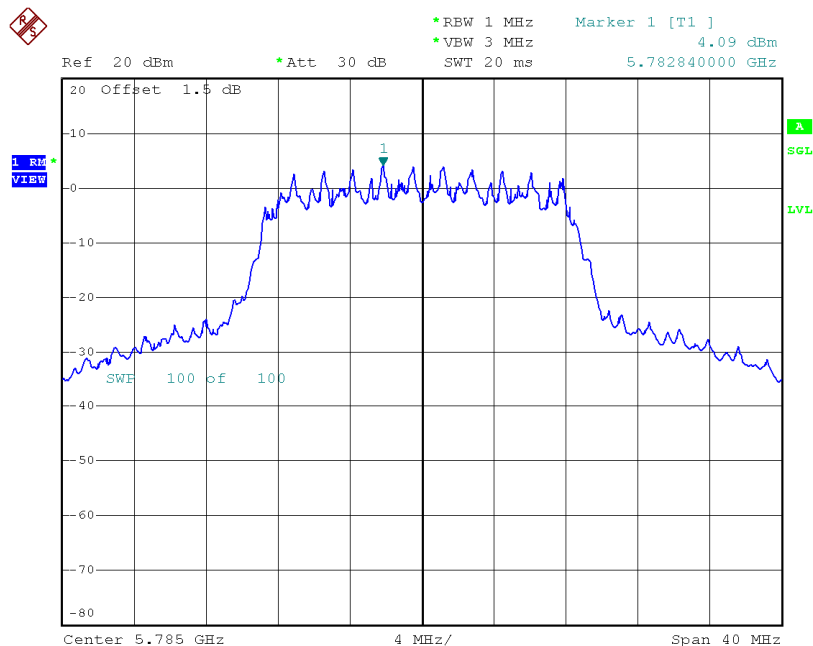
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	4.64	0.53	5.17	30.00
CH157	5785	4.09	0.53	4.62	30.00
CH165	5825	4.56	0.53	5.09	30.00

TX CH149



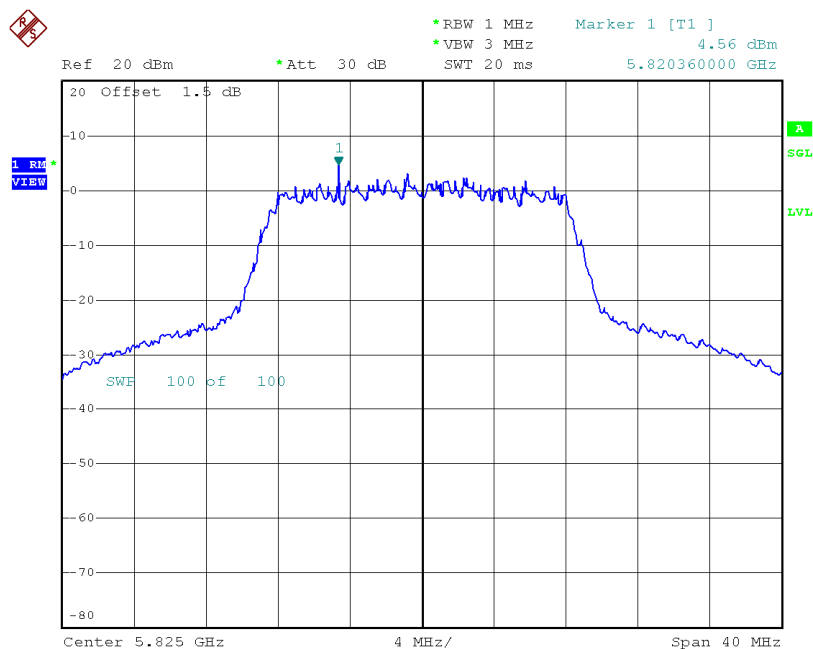
Date: 01FEB2019 17:17:54

TX CH157



Date: 3.FEB.2015 17:18:56

TX CH165

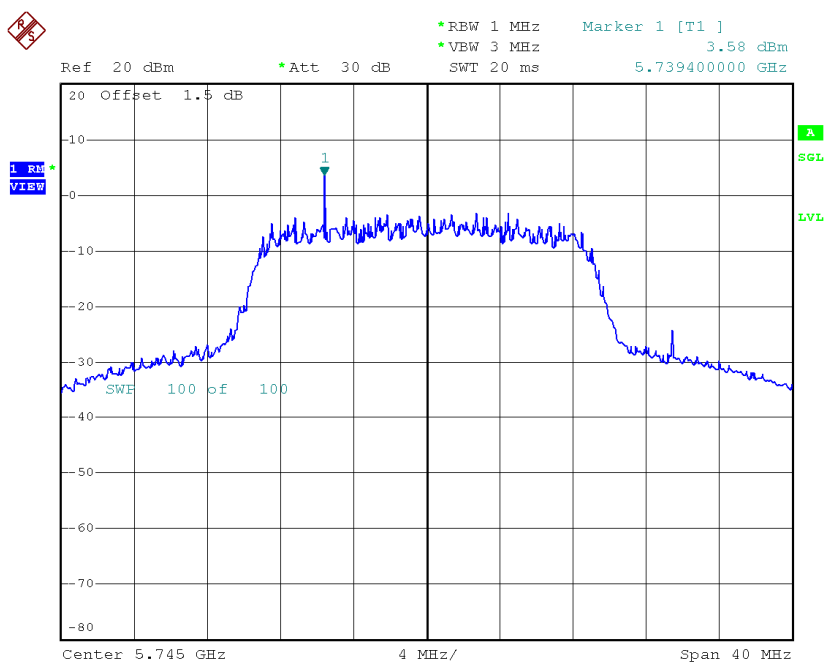


Date: 3.FEB.2015 17:21:40

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 1

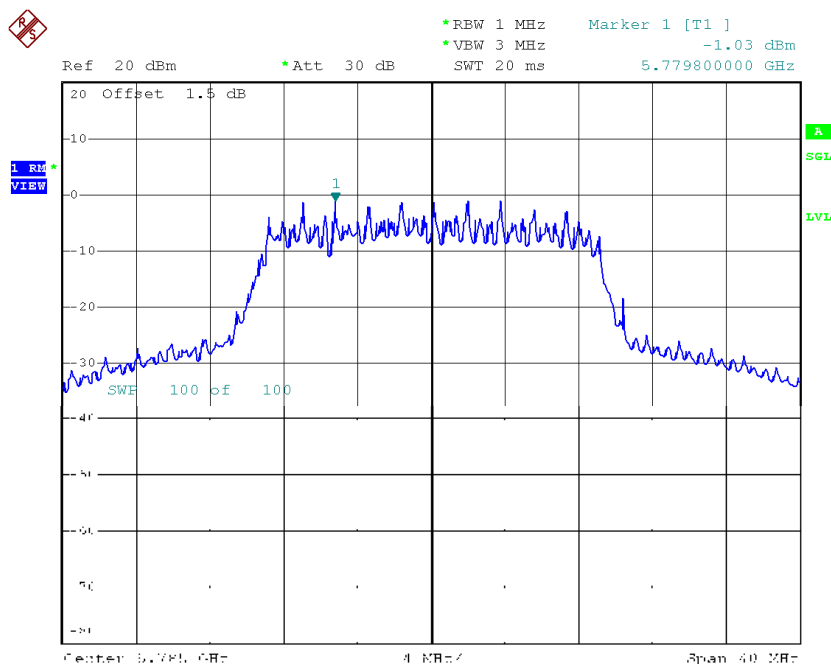
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.58	1.04	4.62	30.00
CH157	5785	-1.03	1.04	0.01	30.00
CH165	5825	2.87	1.04	3.91	30.00

TX CH149



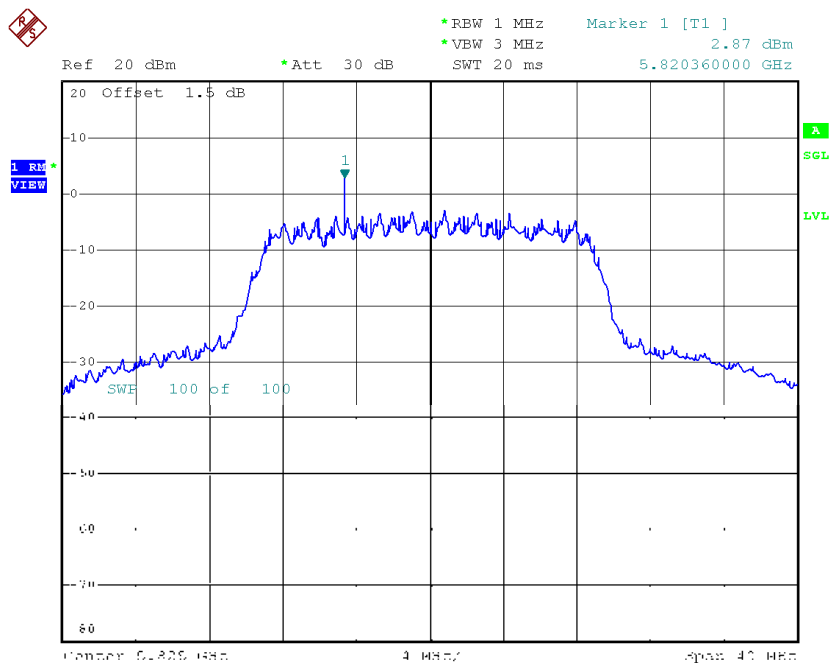
Date: 4.FEB.2015 11:48:28

TX CH157



Date: 4/28/2015 11:50:28

TX CH165

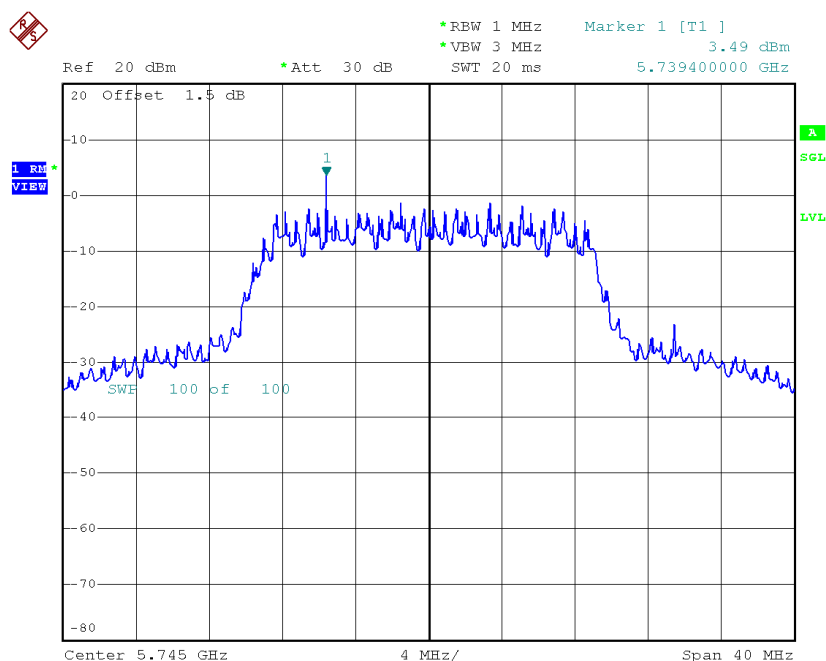


Date: 4/28/2015 11:53:00

Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_ANT 2

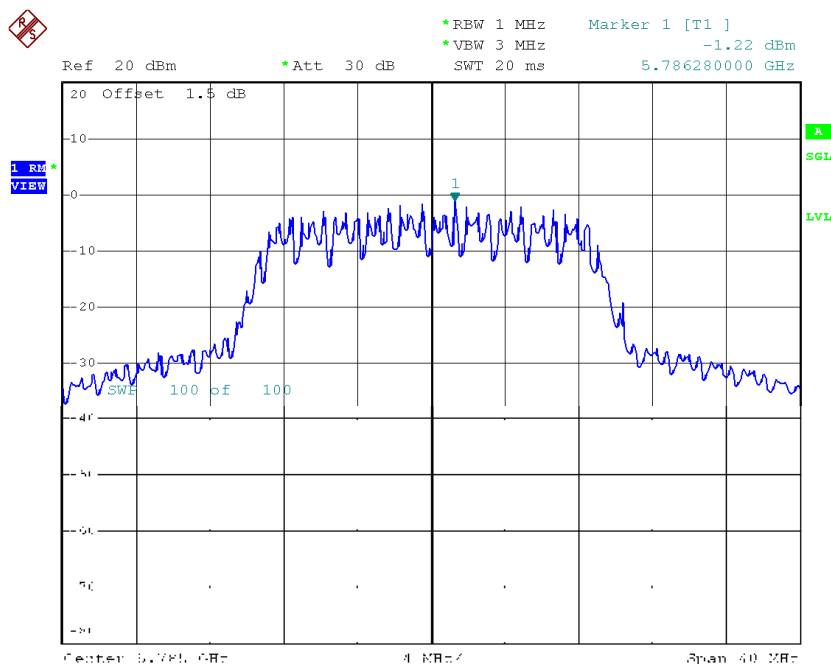
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH149	5745	3.49	1.04	4.53	30.00
CH157	5785	-1.22	1.04	-0.18	30.00
CH165	5825	2.68	1.04	3.72	30.00

TX CH149



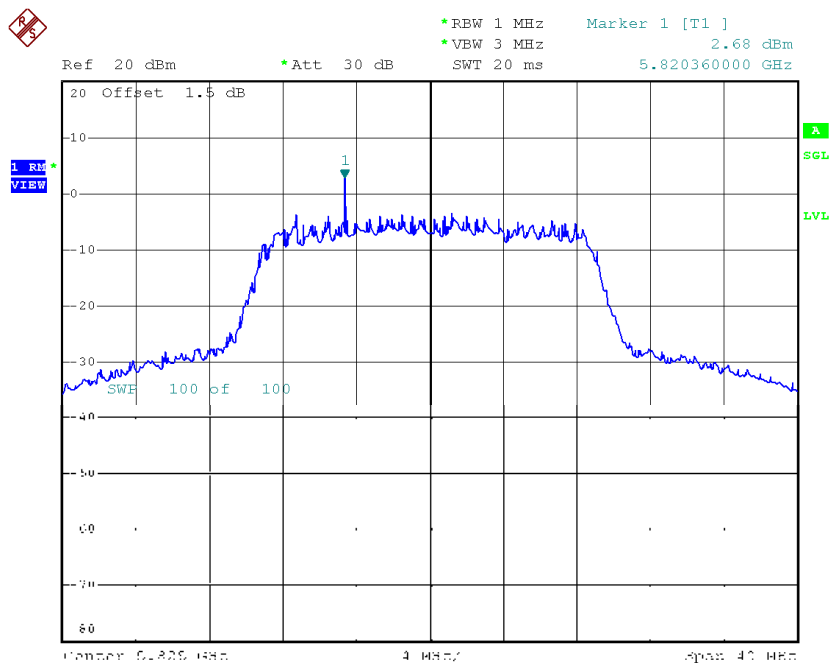
Date: 4.FEB.2015 11:48:53

TX CH157



Date: 4/28/2015 11:49:47

TX CH165



Date: 4/28/2015 11:53:57

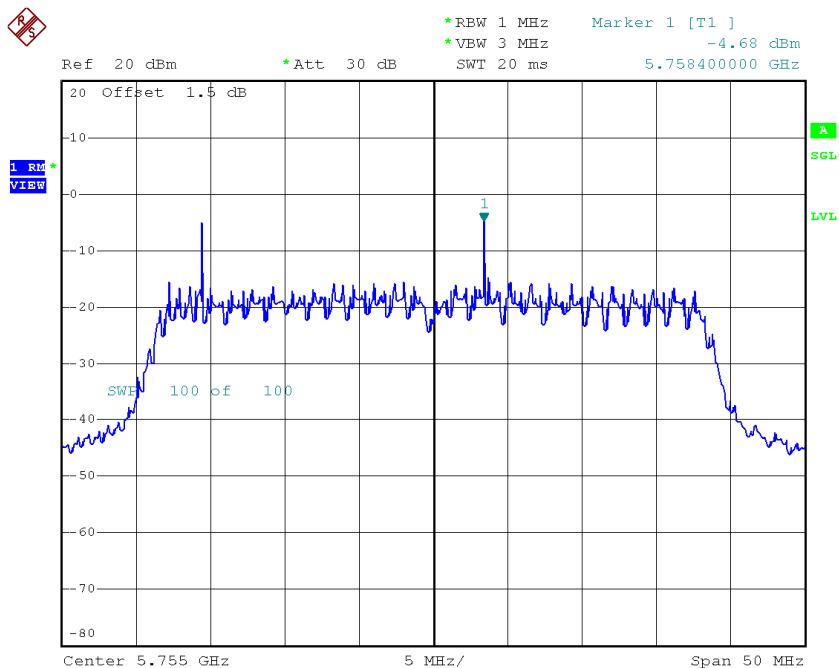
Test Mode: UNII-3/ TX N20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/500kHz)
CH149	5745	7.59	30.00
CH157	5785	2.93	30.00
CH165	5825	6.83	30.00

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 1

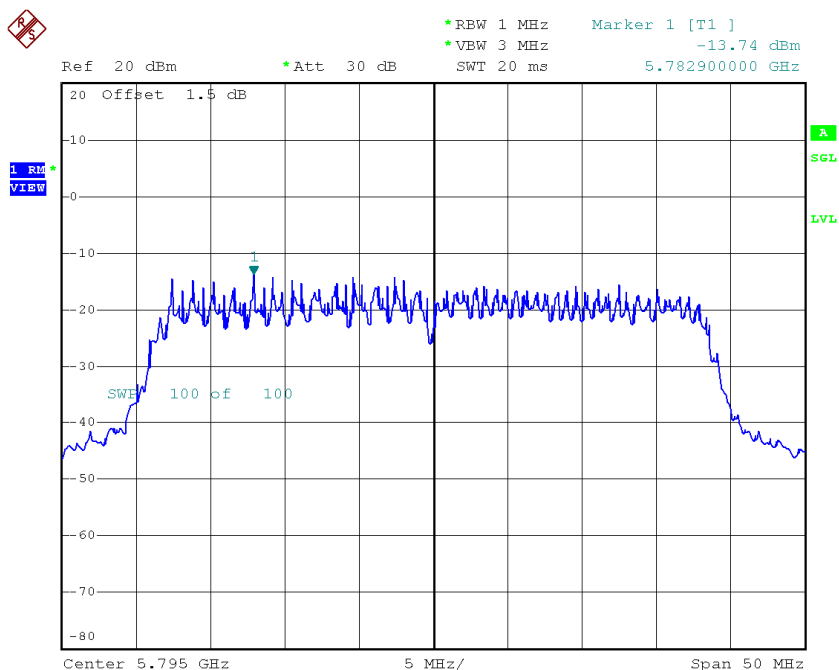
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-4.68	1.91	-2.77	30.00
CH159	5795	-13.74	1.91	-11.83	30.00

TX CH151



Date: 4.FEB.2015 11:59:52

TX CH159

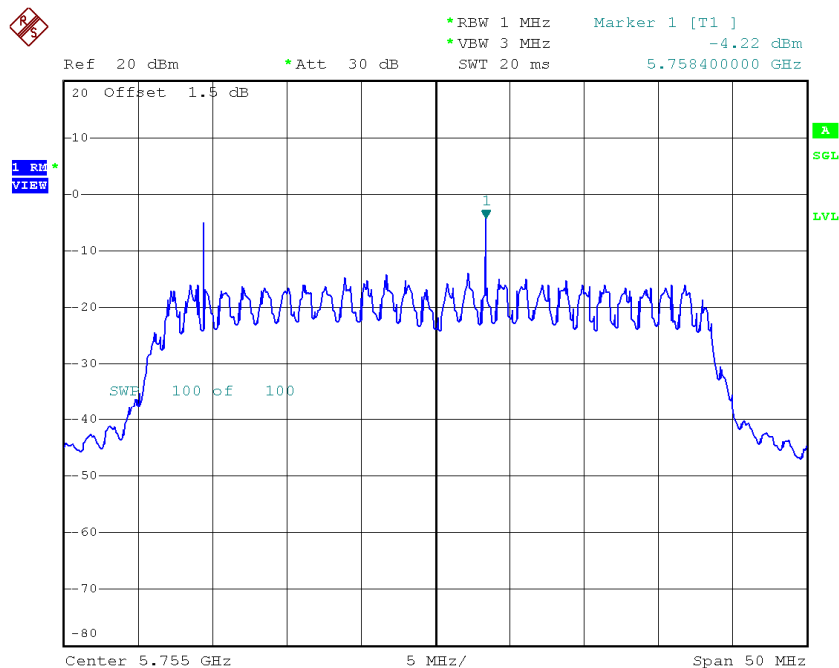


Date: 4.FEB.2015 12:00:57

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_ANT 2

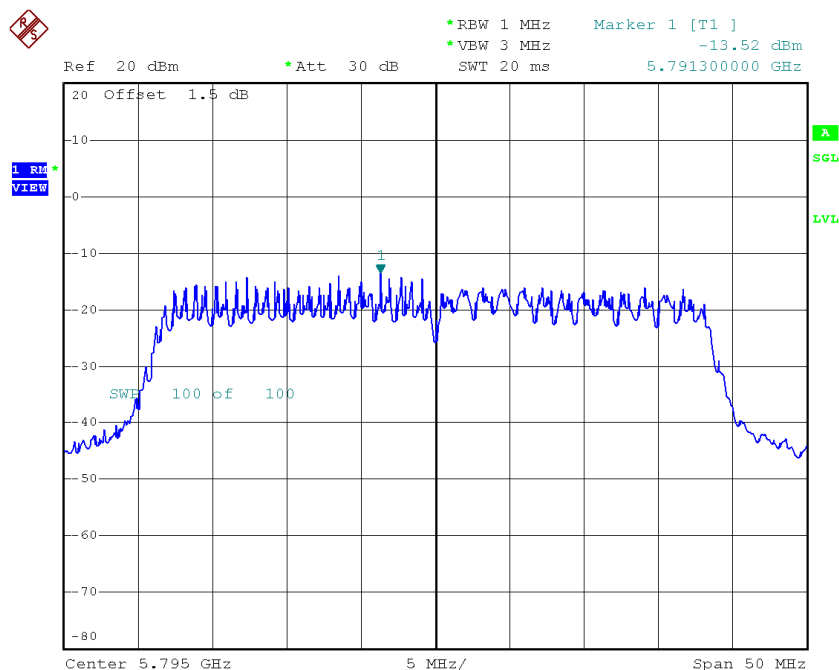
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/500kHz)	Limit (dBm/500kHz)
CH151	5755	-4.22	1.91	-2.31	30.00
CH159	5795	-13.52	1.91	-11.61	30.00

TX CH151



Date: 4.FEB.2015 11:59:29

TX CH159



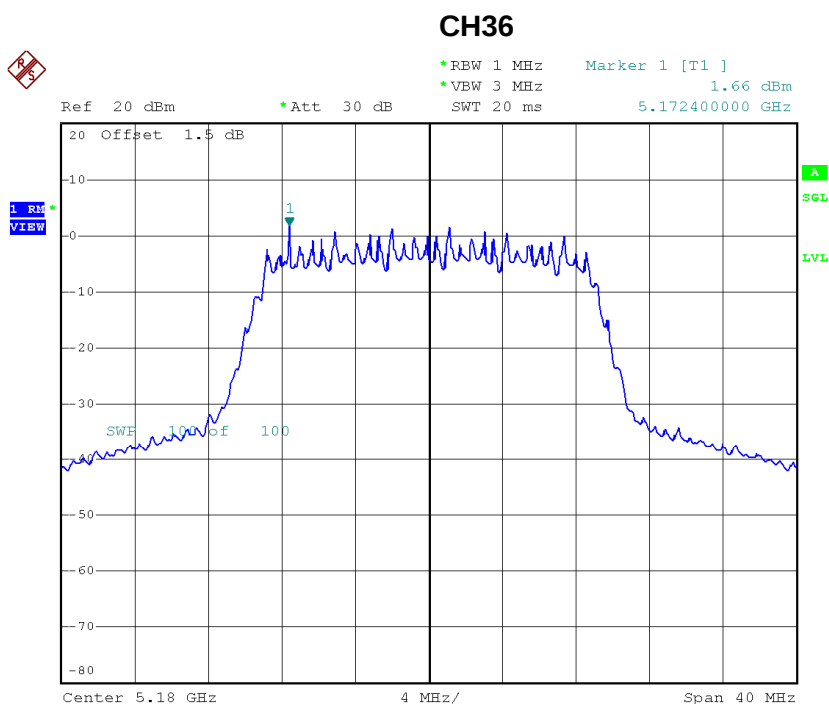
Date: 4.FEB.2015 12:01:17

Test Mode: UNII-3/ TX N40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/500kHz)
CH151	5755	0.48	30.00
CH159	5795	-8.70	30.00

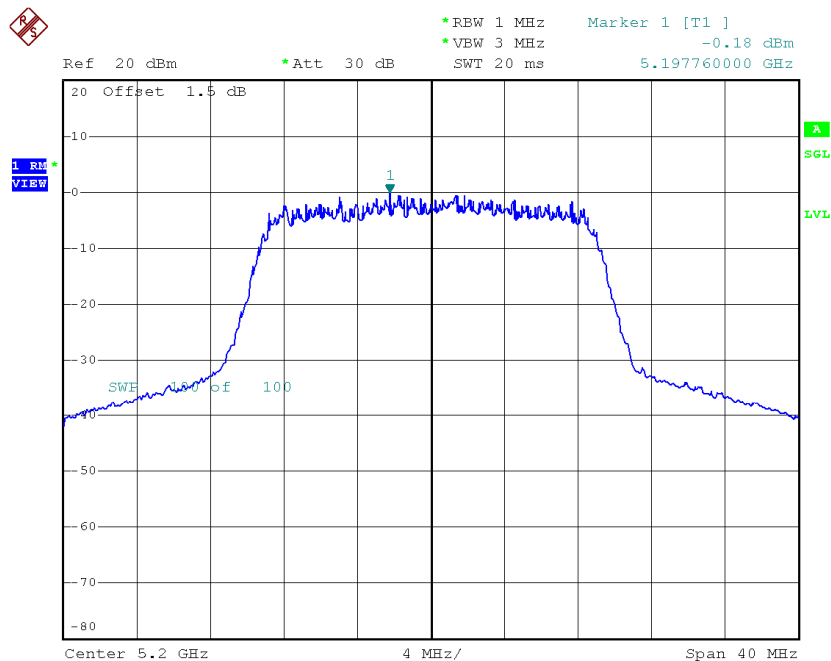
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.66	0.56	2.22	11.00
CH40	5200	-0.18	0.56	0.38	11.00
CH48	5240	0.55	0.56	1.11	11.00



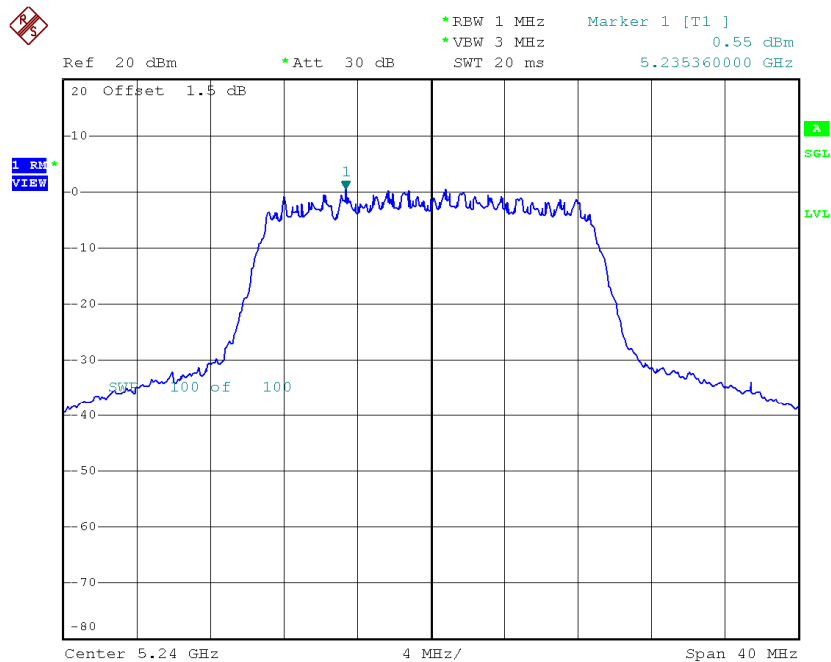
Date: 6.FEB.2015 11:24:46

CH40



Date: 6.FEB.2015 11:29:22

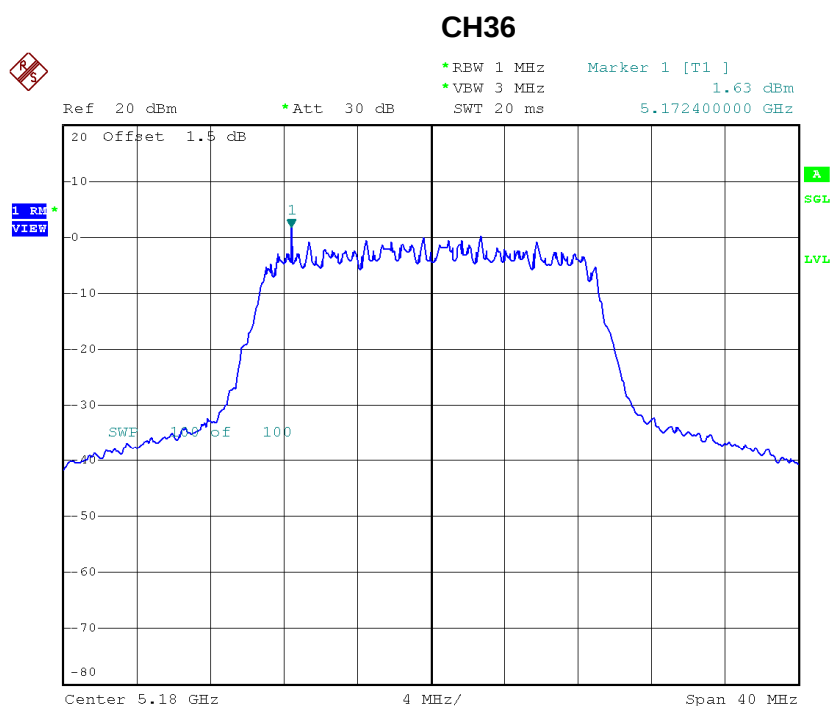
CH48



Date: 6.FEB.2015 11:31:09

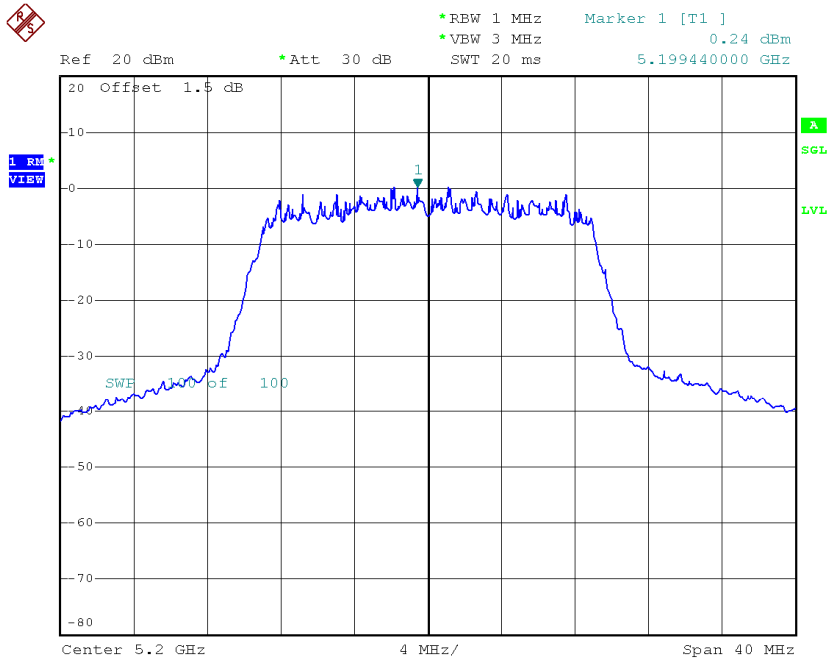
Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	1.63	0.56	2.19	11.00
CH40	5200	0.24	0.56	0.80	11.00
CH48	5240	1.49	0.56	2.05	11.00



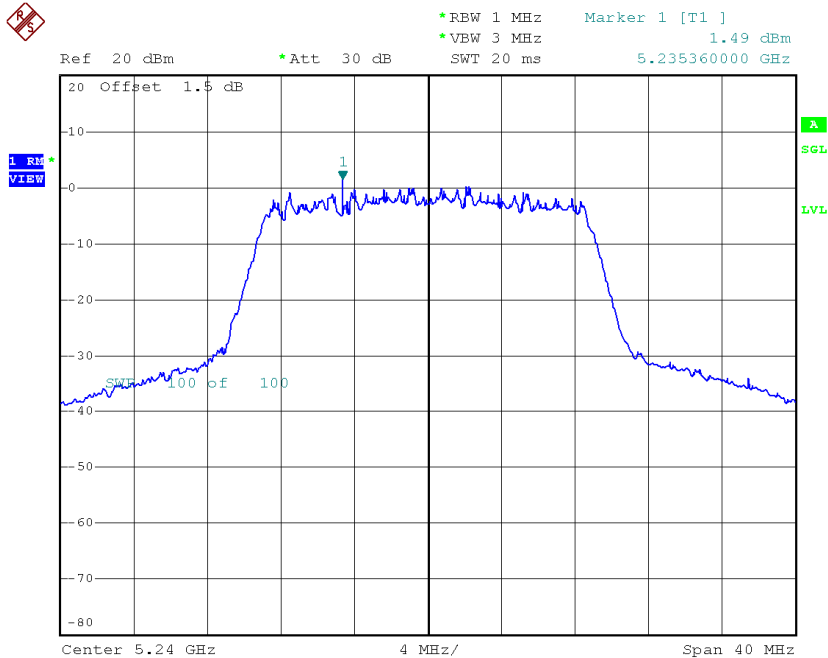
Date: 6.FEB.2015 11:25:10

CH40



Date: 6.FEB.2015 11:29:48

CH48



Date: 6.FEB.2015 11:30:29

Test Mode: UNII-1/TX AC20 Mode_CH36/CH40/CH48_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH36	5180	5.21	11.00
CH40	5200	3.60	11.00
CH48	5240	4.62	11.00

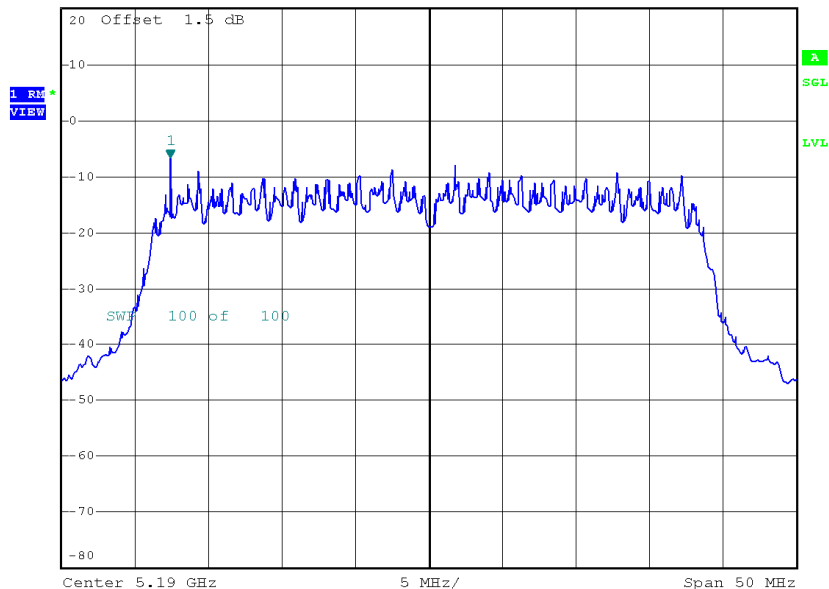
Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-6.74	1.04	-5.70	11.00
CH46	5230	-0.79	1.04	0.25	11.00

CH38



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -6.74 dBm
 SWT 20 ms 5.172400000 GHz

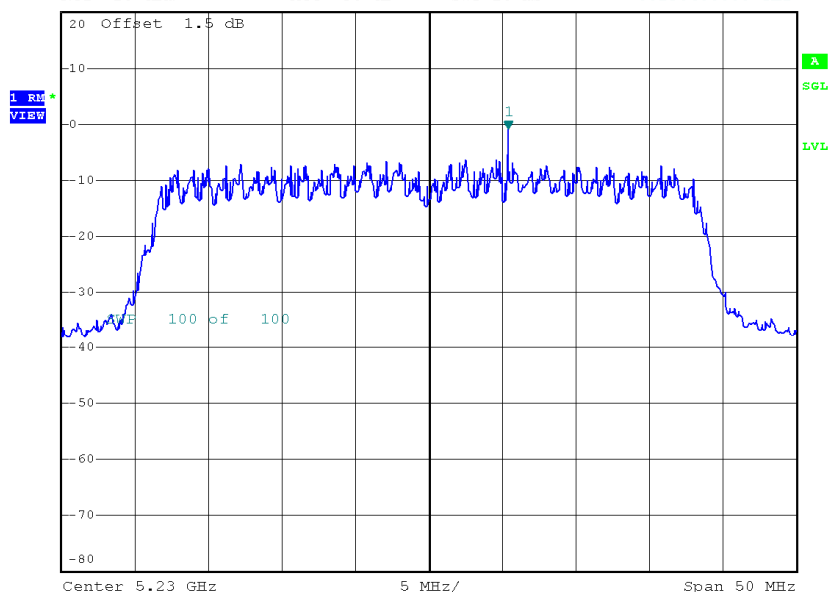


Date: 6.FEB.2015 11:51:54

CH46



Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz -0.79 dBm
 SWT 20 ms 5.235400000 GHz

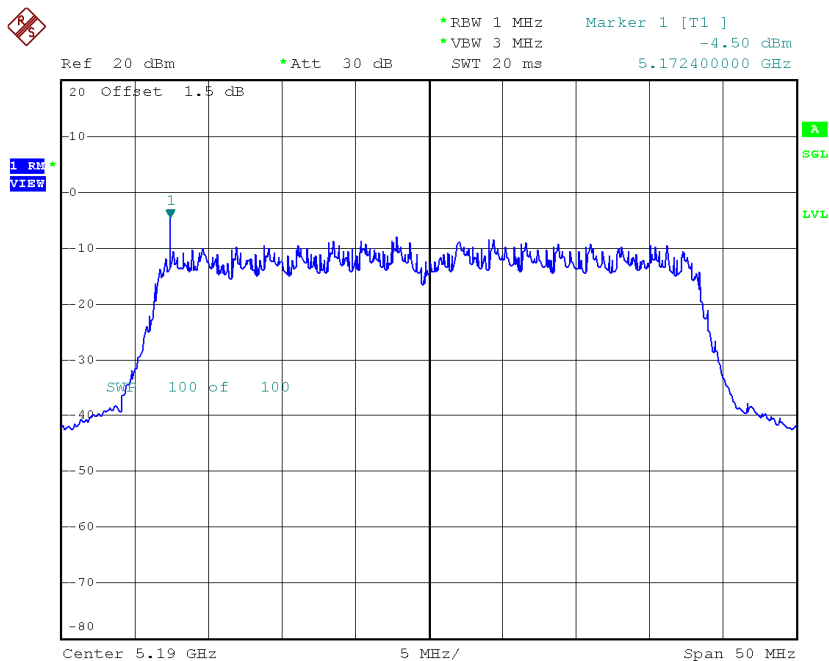


Date: 6.FEB.2015 11:52:39

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_ANT 2

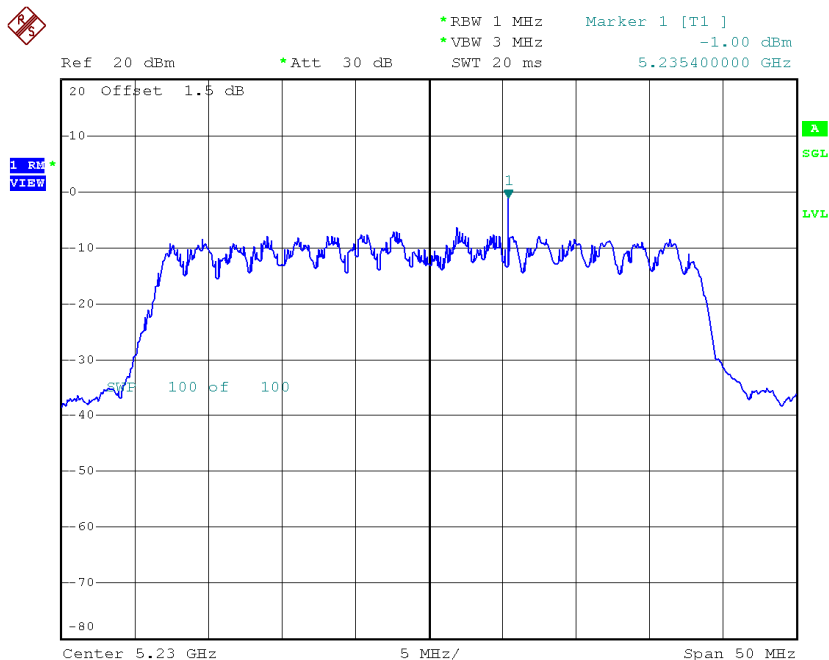
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-4.50	1.04	-3.46	11.00
CH46	5230	-1.00	1.04	0.04	11.00

CH38



Date: 6.FEB.2015 11:51:30

CH46



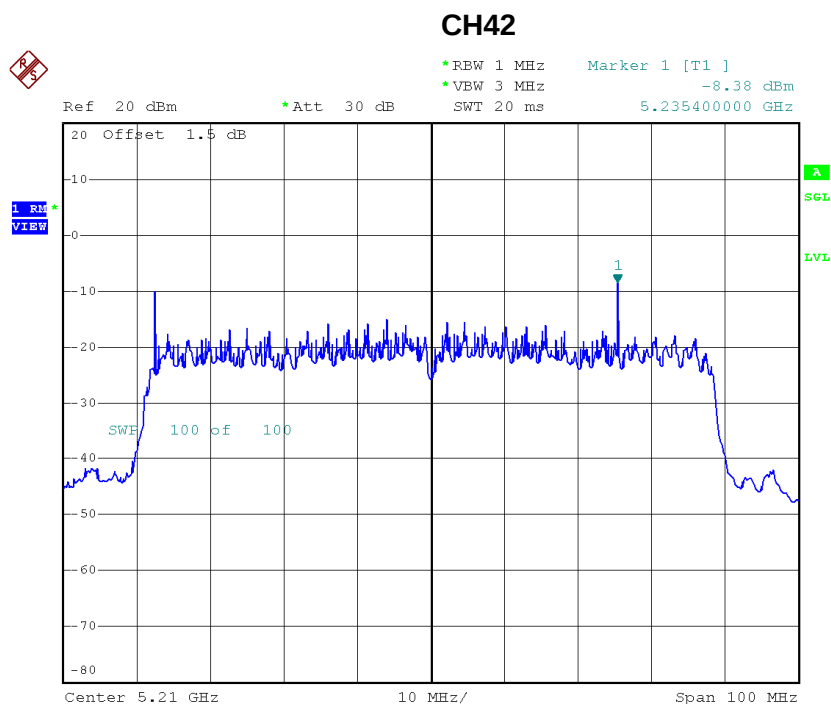
Date: 6.FEB.2015 11:52:57

Test Mode: UNII-1/TX AC40 Mode_CH38/CH46_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH38	5190	-1.43	11.00
CH46	5230	3.15	11.00

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 1

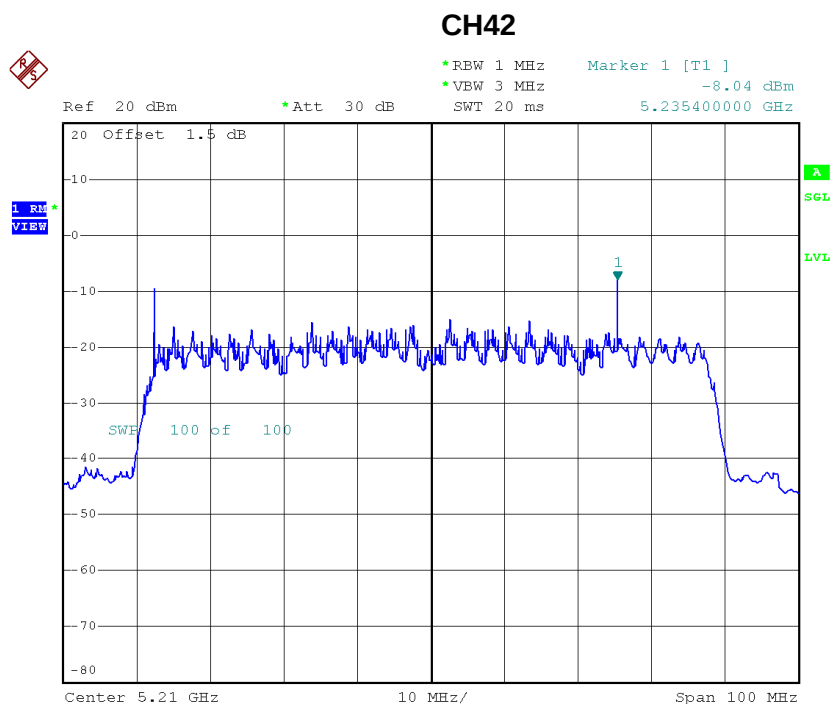
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-8.38	1.89	-6.49	11.00



Date: 4.FEB.2015 15:25:25

Test Mode: UNII-1/TX AC80 Mode_CH42_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-8.04	1.89	-6.15	11.00



Date: 4.FEB.2015 15:25:07

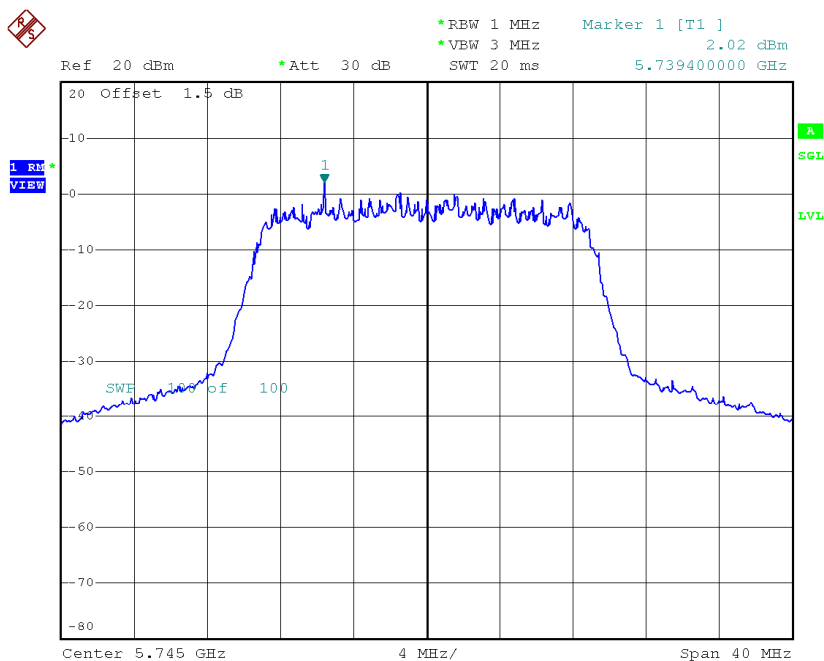
Test Mode: UNII-1/TX AC80 Mode_CH42_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/MHz)
CH42	5210	-3.31	11.00

Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 1

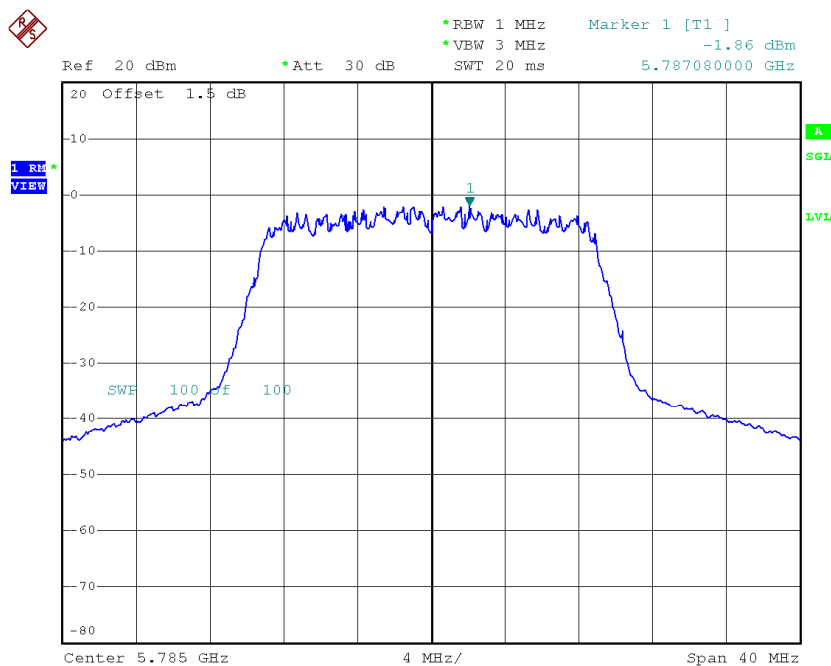
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH149	5745	2.02	0.56	2.58	30.00
CH157	5785	-1.86	0.56	-1.30	30.00
CH165	5825	-0.88	0.56	-0.32	30.00

TX CH149



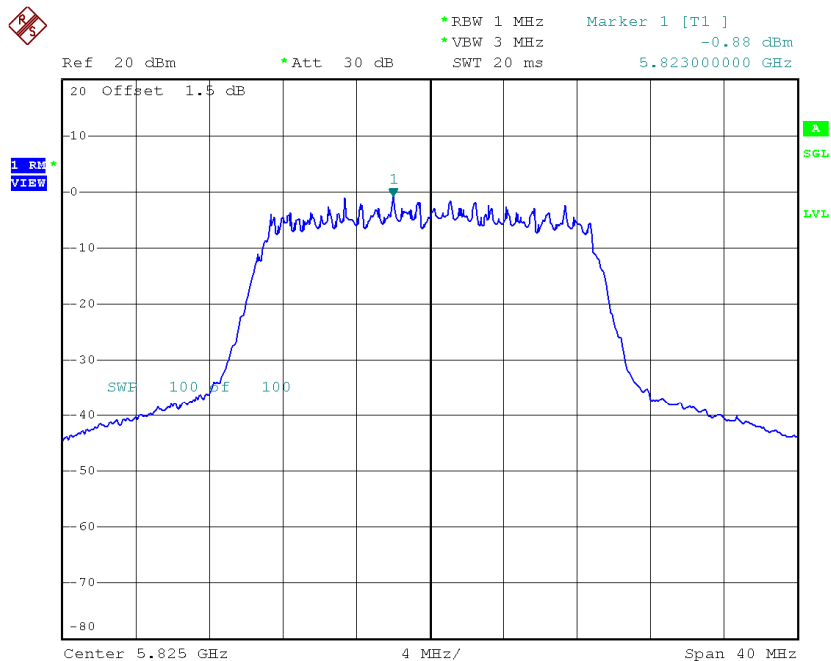
Date: 6.FEB.2015 11:34:39

TX CH157



Date: 6.FEB.2015 11:36:29

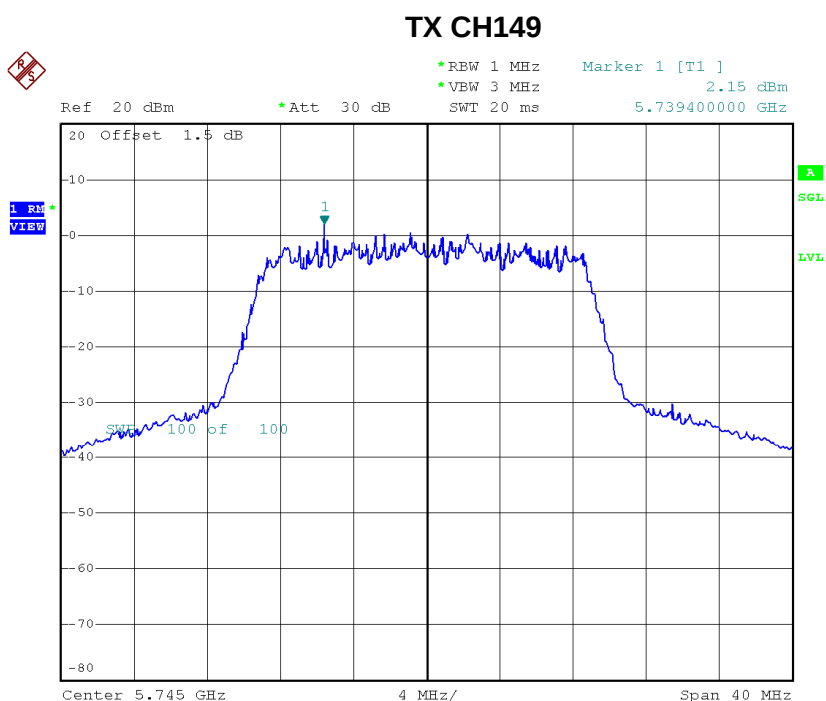
TX CH165



Date: 6.FEB.2015 11:37:19

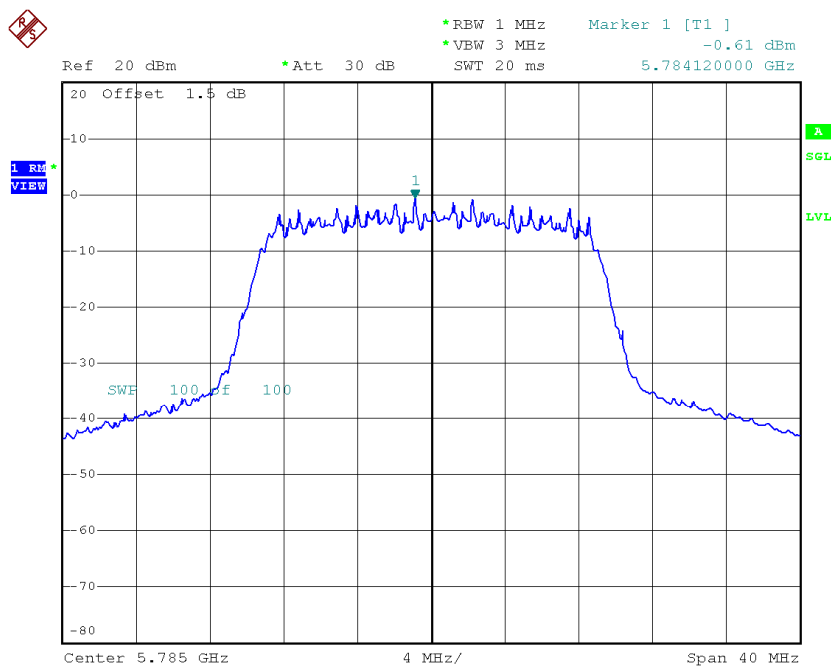
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH149	5745	2.15	0.56	2.71	30.00
CH157	5785	-0.61	0.56	-0.05	30.00
CH165	5825	0.22	0.56	0.78	30.00



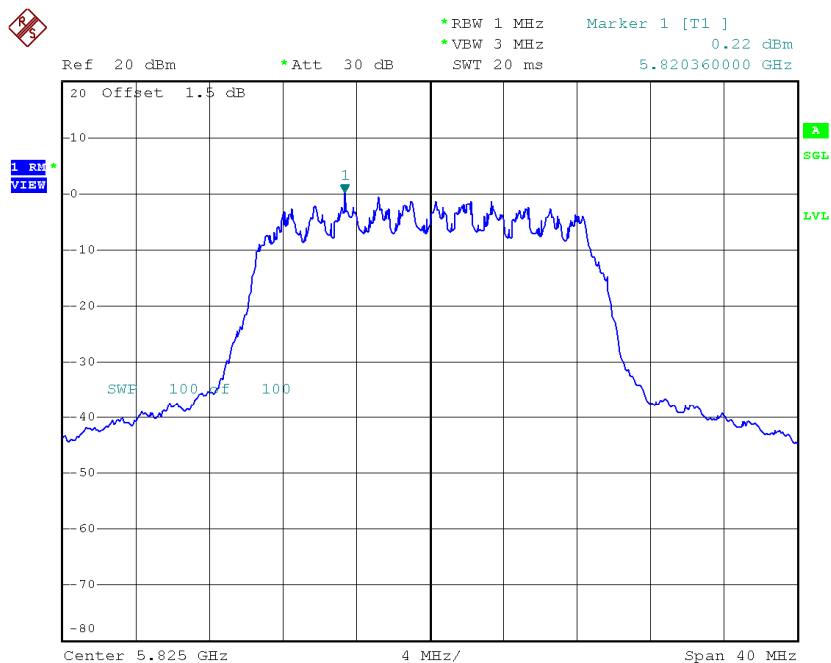
Date: 6.FEB.2015 11:34:57

TX CH157



Date: 6.FEB.2015 11:36:04

TX CH165



Date: 6.FEB.2015 11:37:42

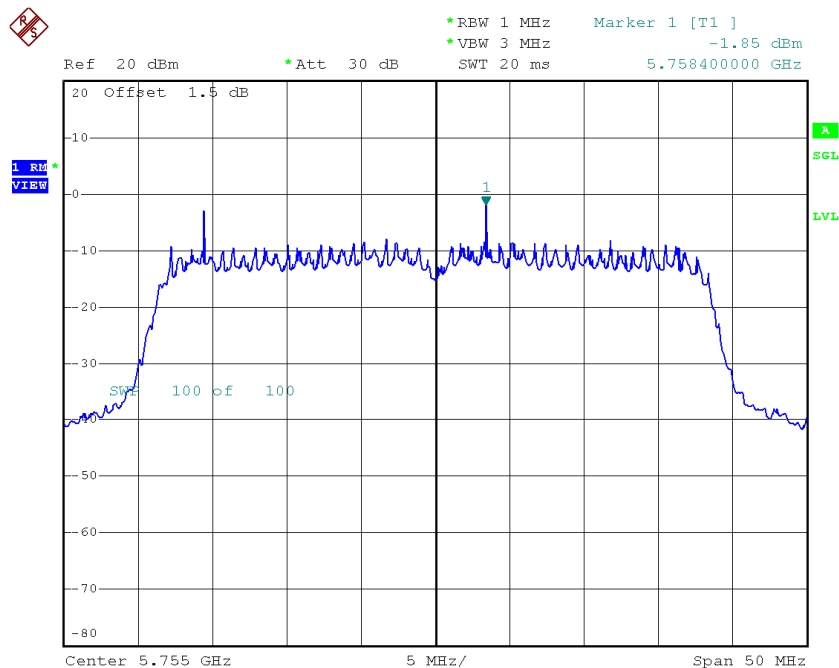
Test Mode: UNII-3/ TX AC20 Mode_CH149/CH157/CH165_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/500kHz)
CH149	5745	5.66	30.00
CH157	5785	2.38	30.00
CH165	5825	3.27	30.00

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 1

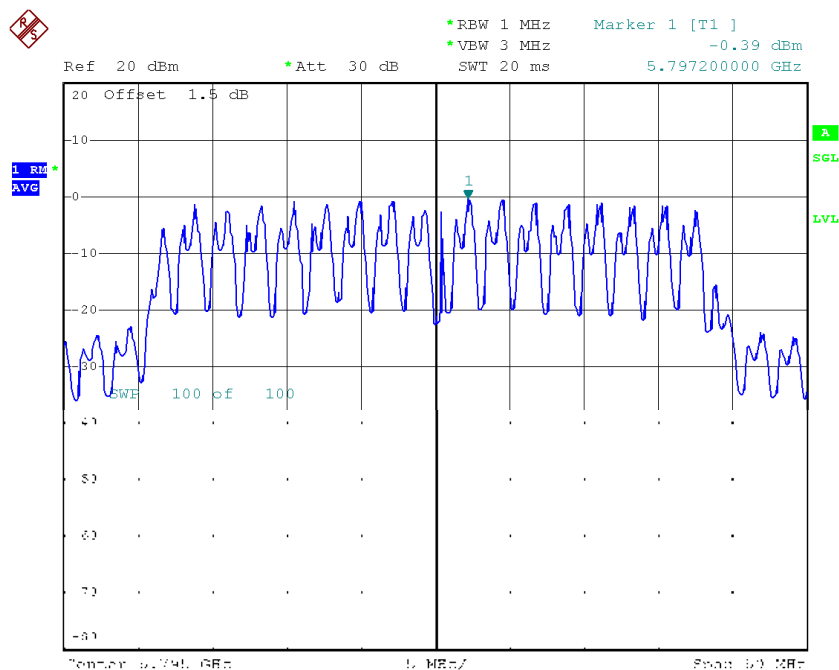
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH151	5755	-1.85	1.04	-0.81	30.00
CH159	5795	-0.39	1.04	0.65	30.00

TX CH151



Date: 6.FEB.2015 11:45:01

TX CH159

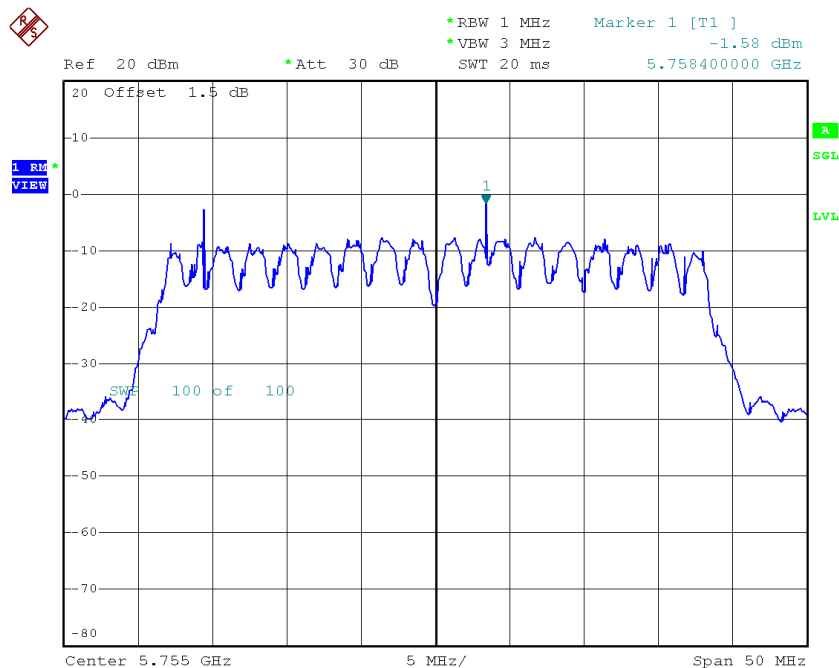


Date: 17.MAR.2015 17:42:04

Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_ANT 2

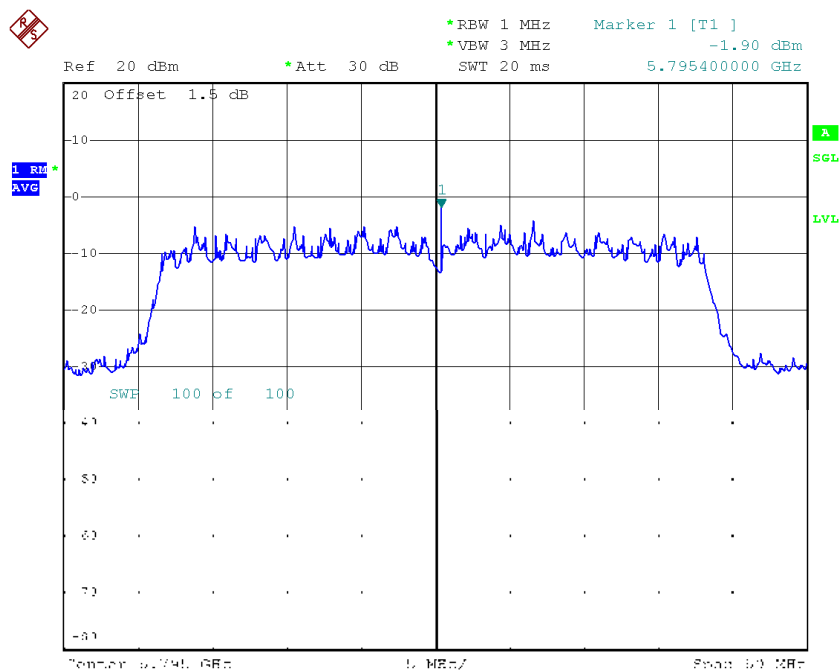
Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH151	5755	-1.58	1.04	-0.54	30.00
CH159	5795	-1.90	1.04	-0.86	30.00

TX CH151



Date: 6.FEB.2015 11:44:29

TX CH159



Date: 17.MAR.2015 17:41:10

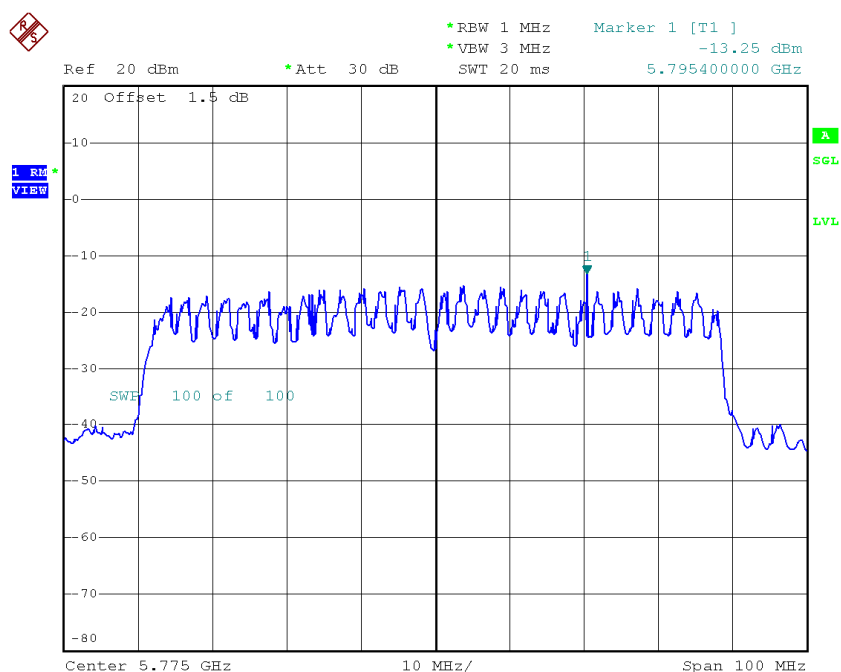
Test Mode: UNII-3/ TX AC40 Mode_CH151/CH159_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/500kHz)
CH151	5755	2.34	30.00
CH159	5795	2.97	30.00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 1

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH155	5775	-13.25	1.89	-11.36	30.00

TX CH155

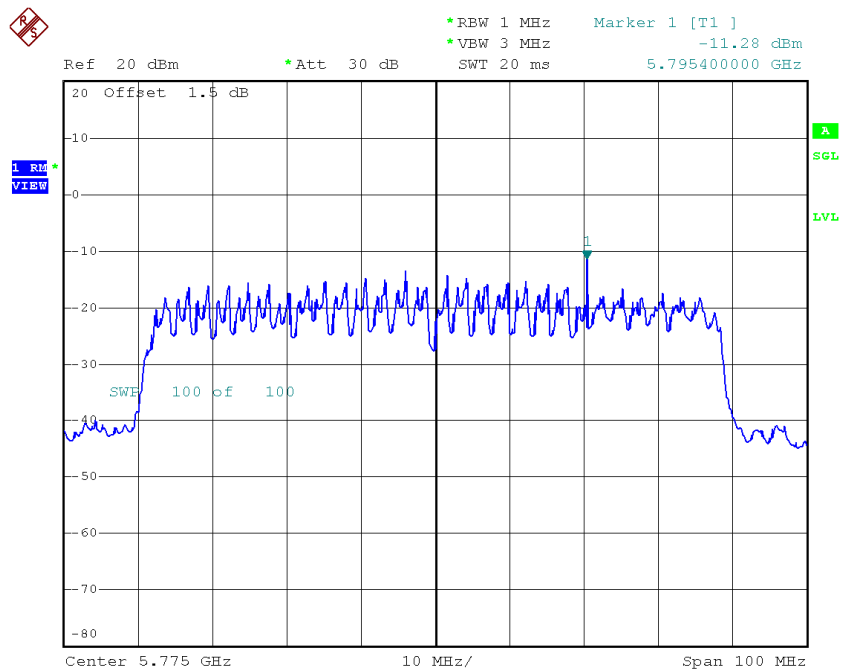


Date: 4.FEB.2015 15:47:00

Test Mode: UNII-3/ TX AC80 Mode_CH155_ANT 2

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dBm/MHz)	Power Density+Duty Factor (dBm/MHz)	Limit (dBm/500kHz)
CH155	5775	-11.28	1.89	-9.39	30.00

TX CH155



Date: 4.FEB.2015 15:49:21

Test Mode: UNII-3/ TX AC80 Mode_CH155_Total

Channel	Frequency (MHz)	Power Density (dBm/MHz)	Limit (dBm/500kHz)
CH155	5775	-7.25	30.00

ATTACHMENT I - FREQUENCY STABILITY

Test Mode:	UNII-1
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180.0000
132	5180.0120
120	5180.0490
108	5180.0260
Max. Deviation (MHz)	0.0490
Max. Deviation (ppm)	9.4595

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(°C)	5180.0000
0	5180.0029
5	5180.0138
15	5180.0116
25	5180.0092
35	5180.0025
40	5180.0074
Max. Deviation (MHz)	0.0244
Max. Deviation (ppm)	4.7104

Test Mode:	UNII-3
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Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5745.0000
132	5745.0130
120	5745.0223
108	5745.0081
Max. Deviation (MHz)	0.0223
Max. Deviation (ppm)	3.8816

Temperature vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(°C)	5745.0000
0	5745.0091
5	5745.0101
15	5745.0083
25	5745.0014
35	5745.0025
40	5745.0147
Max. Deviation (MHz)	0.0241
Max. Deviation (ppm)	4.1950