

FCC Radio Test Report

FCC ID: LNQSBRT8812AU

Original Grant

Report No. : TB-FCC143424
Applicant : Actiontec Electronics Inc
Equipment Under Test (EUT)
EUT Name : ScreenBeam 802.11 a/b/g/n/ac WiFi Module
Model No. : SBRT8812AU
Brand Name : Actiontec
Receipt Date : 2015-02-26
Test Date : 2015-03-09 to 2015-04-10
Issue Date : 2015-04-14
Standards : FCC Part 15, Subpart E (15.407:2014)
Test Method : ANSI C63.10: 2013
Conclusions : **PASS**

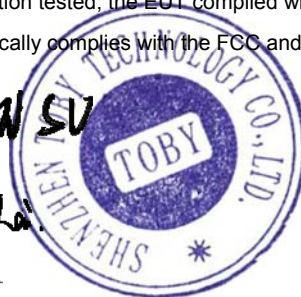
In the configuration tested, the EUT complied with the standards specified above,
The EUT technically complies with the FCC and IC requirements

Test/Witness Engineer :

IWAN SU

**Approved &
Authorized**

Ray



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

Contents

CONTENTS.....	2
1. GENERAL INFORMATION ABOUT EUT	4
1.1 Client Information.....	4
1.2 General Description of EUT (Equipment Under Test)	4
1.3 Block Diagram Showing the Configuration of System Tested.....	6
1.4 Description of Support Units	6
1.5 Description of Test Mode.....	6
1.6 Description of Test Software Setting	8
1.7 Test Facility.....	9
2. TEST SUMMARY	10
3. TEST EQUIPMENT.....	11
4. CONDUCTED EMISSION TEST	12
4.1 Test Standard and Limit.....	12
4.2 Test Setup.....	12
4.3 Test Procedure	12
4.4 EUT Operating Mode	13
4.5 Test Data.....	13
5. RADIATED EMISSION TEST	16
5.1 Test Standard and Limit.....	16
5.2 Test Setup.....	17
5.3 Test Procedure.....	18
5.4 EUT Operating Condition	19
5.5 Test Data.....	19
6. BAND EDGE EMISSIONS	90
6.1 Test Standard and Limit.....	90
6.2 Test Setup.....	90
6.3 Test Procedure.....	90
6.4 EUT Operating Condition	91
6.5 Test Data.....	91
7. BANDWIDTH TEST.....	152
7.1 Test Standard and Limit.....	152
7.2 Test Setup.....	152
7.3 Test Procedure.....	152
7.4 EUT Operating Condition	153
7.5 Test Data.....	153
8. OUTPUT POWER TEST.....	176
8.1 Test Standard and Limit.....	176
8.2 Test Setup.....	176
8.3 Test Procedure.....	176

8.4 EUT Operating Condition	176
8.5 Test Date.....	177
9. POWER SPECTRAL DENSITY TEST	179
9.1 Test Standard and Limit.....	179
9.2 Test Setup.....	179
9.3 Test Procedure.....	179
9.4 EUT Operating Condition	180
9.5 Test Data.....	181
10. FREQUENCY STABILITY MEASUREMENT	205
10.1 Test Standard and Limit	205
10.2 Test Setup.....	205
10.3 Test Procedure.....	205
10.4 EUT Operating Condition	205
10.5 Test Data.....	206
11. ANTENNA REQUIREMENT.....	208
11.1 Standard Requirement.....	208
11.2 Antenna Connected Construction	208
11.3 Result.....	208

1. General Information about EUT

1.1 Client Information

Applicant : Actiontec Electronics Inc
Address : 760 North Mary Ave., Sunnyvale, California 94086 United States
Manufacturer : Actiontec Electronics Inc
Address : 760 North Mary Ave., Sunnyvale, California 94086 United States

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module
Models No.	:	SBRT8812AU
Brand Name	:	Actiontec
Product Description	:	Operation Frequency: U-NII-1: 5150MHz~5250MHz U-NII-3: 5725MHz~5850MHz
	Number of Channel:	U-NII-1: 20MHz Bandwidth: 4 channels see note(3) 40MHz Bandwidth: 2 channels see note(3) 80MHz Bandwidth: 1 channels see note(3) U-NII-3: 20MHz Bandwidth: 5 channels see note(3) 40MHz Bandwidth: 2 channels see note(3) 80MHz Bandwidth: 1 channels see note(3)
	RF Output Power:	U-NII-1: 802.11a: 14.11dBm 802.11n(HT20): 13.47dBm 802.11n(HT40): 13.66dBm 802.11ac(20): 13.16dBm 802.11ac(40): 13.55dBm 802.11ac(80): 13.88dBm U-NII-3: 802.11a: 14.26dBm 802.11n(HT20): 14.02dBm 802.11n(HT40): 14.45dBm 802.11ac(20): 13.83dBm 802.11ac(40): 13.85dBm 802.11ac(80): 13.98dBm
	Antenna Gain:	5150MHz~5250MHz:4.33 dBi (PIFA Antenna) 5725MHz~5850MHz:5.62 dBi (PIFA Antenna)

	Modulation Type:	802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
	Bit Rate of Transmitter:	802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 150Mbps 802.11ac: at most 433.3 Mbps
Power Supply	:	DC Voltage supplied from PC System.
Power Rating	:	DC 5V by USB adapter from PC System.
Connecting I/O Port(S)	:	Please refer to the User's Manual
Note: More detailed features description, please refer to the manufacturer's specifications or the User's Manual.		

Note:

- (1) This Test Report is FCC Part 15, Subpart E(15.407) for 802.11a/n/ac, the test procedure follows the FCC KDB 789033 D02 General UNII Test Procedures New Rules V01.
- (2) Antenna information:

Mode	TX Antenna (s)	Remark
802.11a	1	The worst case is ANT A TX
802.11n (HT20)	2	ANT A+ANT B TX
802.11n (HT40)	2	ANT A+ANT B TX
802.11ac (20)	2	ANT A+ANT B TX
802.11ac (40)	2	ANT A+ANT B TX
802.11ac (80)	2	ANT A+ANT B TX

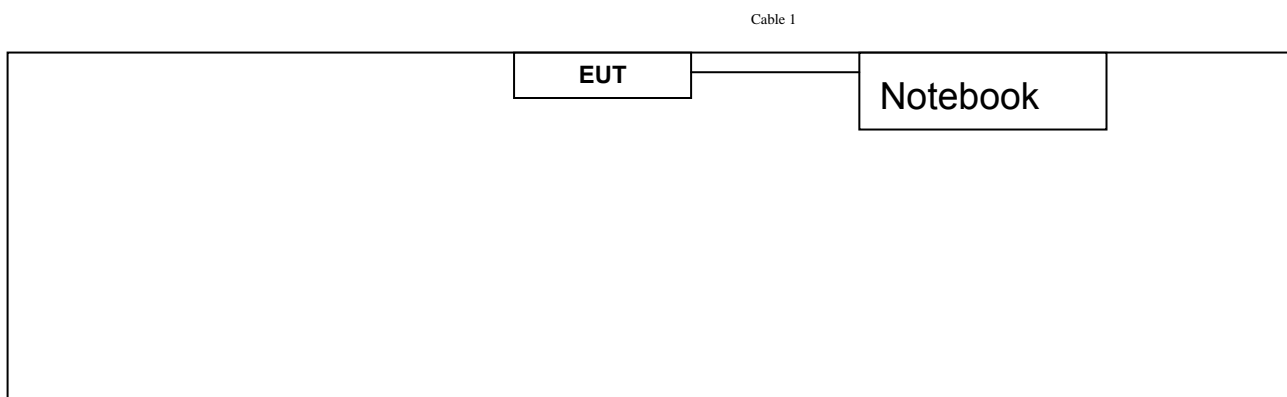
- (3) Channel List:

5G Band 5150~5250 MHz (U-NII-1)				
Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5150~5250 MHz Band 1	36	5180 MHz	44	5220 MHz
	38	5190 MHz	46	5230 MHz
	40	5200 MHz	48	5240 MHz
	42	5210 MHz		
Remark: For 20 MHz Bandwidth, use channel 36, 40, 44, 48. For 40 MHz Bandwidth, use channel 38, 46. For 80 MHz Bandwidth, use channel 38.				

5G Band 5725~5850 MHz				
Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5725~5850 MHz Band 4	149	5745 MHz	157	5785 MHz
	151	5755 MHz	159	5795 MHz
	153	5765 MHz	161	5805 MHz
	155	5775 MHz	165	5825 MHz
Remark: For 20 MHz Bandwidth, use channel 149, 153, 157, 161, 165. For 40 MHz Bandwidth, use channel 151, 159. For 80 MHz Bandwidth, use channel 155.				

1.3 Block Diagram Showing the Configuration of System Tested

TX Mode



1.4 Description of Support Units

Equipment Information				
Name	Model	S/N	Manufacturer	Used “√”
Notebook	T60P	42W3244	Lenovo	√
Cable Information				
Number	Shielded Type	Ferrite Core	Length	Note
Cable 1	YES	NO	1.1M	Accessories

1.5 Description of Test Mode

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 follow was evaluated respectively.

For Conducted Test	
Final Test Mode	Description
Mode 1	TX 802.11a Mode

For Radiated Test		
Test Band	Final Test Mode	Description
U-NII-1	Mode 2	TX Mode 802.11a Mode Channel 36/40/48
	Mode 3	TX Mode 802.11n(HT20) Mode Channel 36/40/48
	Mode 4	TX Mode 802.11n(HT40) Mode Channel 38/46
	Mode 5	TX Mode 802.11ac(20) Mode Channel 36/40/48
	Mode 6	TX Mode 802.11ac(40) Mode Channel 38/46
	Mode 7	TX Mode 802.11ac(80) Mode Channel 42
U-NII-3	Mode 8	TX Mode 802.11a Mode Channel 149/157/165
	Mode 9	TX Mode 802.11n(HT20) Mode Channel 149/157/165
	Mode 10	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 11	TX Mode 802.11ac(20) Mode Channel 149/157/165
	Mode 12	TX Mode 802.11ac(40) Mode Channel 151/159
	Mode 13	TX Mode 802.11ac(80) Mode Channel 155

Note:

- (1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.4 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

- 802.11a Mode: OFDM (6 Mbps)
- 802.11n (HT20) Mode: MCS 8
- 802.11n (HT40) Mode: MCS 8
- 802.11a(20) Mode: MCS 1/Nss2
- 802.11a(40) Mode: MCS 1/Nss2
- 802.11a(80) Mode: MCS 1/Nss2

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

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

Test Software Version	Realtek 11ac 8812A USB WLAN MP Diagnostic Program 0.0059.20130716		
U-NII-1			
Mode:	5180MHz	5200MHz	5240MHz
IEEE 802.11a	58	58	58
IEEE 802.11n (HT20)	54	54	54
IEEE 802.11ac (20)	54	54	54
Mode:	5190MHz	5230MHz	
IEEE 802.11n (HT40)	50	50	
IEEE 802.11ac (40)	50	50	
Mode:	5210MHz		
IEEE 802.11ac (80)	50		
U-NII-3			
Mode:	5745MHz	5785MHz	5825MHz
IEEE 802.11a	45	43	45
IEEE 802.11n (HT20)	48	48	47
IEEE 802.11ac (20)	46	46	46
Mode:	5755MHz	5795MHz	
IEEE 802.11n (HT40)	42	42	
IEEE 802.11ac (40)	43	43	
Mode:	5775MHz		
IEEE 802.11ac (80)	42		

1.7 Measurement Uncertainty

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

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz	±3.42 dB
	150kHz to 30MHz	±3.42 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.40 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.7 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

FCC List No.: (811562)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 811562.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

May 22, 2014 certificated by TUV Rheinland(China) Co., Ltd. with TUV certificate No.: UA 50282953 0001 and report No.: 17026822 002. The certificate is valid until the next scheduled audit or up to 18 months, at the discretion of TUV Rhineland.

2. Test Summary

FCC Part 15 Subpart E(15.407)/RSS-210: 2010				
Standard Section		Test Item	Judgment	Remark
FCC	IC			
15.203	/	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.407(b)	RSS-GEN 7.2.2	Band Edge Emissions	PASS	N/A
15.407(a)	RSS-210 A.9.2	26dB Bandwidth	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Output Power	PASS	N/A
15.407(a)	RSS-210 A.9.2	Power Spectral Density	PASS	N/A
15.407(b)	RSS-210 A.9.2	Transmitter Radiated Spurious Emission	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Excursion	PASS	N/A
15.407(g)	RSS-210 A.9.2	Frequency Stability	PASS	N/A

Note: "/" for no requirement for this test item.
N/A is an abbreviation for Not Applicable.

3. Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	ROHDE& SCHWARZ	ESCI	100321	Aug. 08, 2014	Aug.07, 2015
50Ω Coaxial Switch	Anritsu	MP59B	X10321	Aug. 08, 2014	Aug.07, 2015
L.I.S.N	Rohde & Schwarz	ENV216	101131	Aug. 08, 2014	Aug.07, 2015
L.I.S.N	SCHWARZBECK	NNBL 8226-2	8226-2/164	Aug. 08, 2014	Aug.07, 2015
Spectrum Analyzer	Agilent	E4407B	MY45106456	Aug. 08, 2014	Aug.07, 2015
Spectrum Analyzer	Rohde & Schwarz	FSP30	DE25181	Aug. 08, 2014	Aug.07, 2015
EMI Test Receiver	Rohde & Schwarz	ESCI	101165	Aug. 08, 2014	Aug.07, 2015
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 06, 2015	Mar.05, 2016
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 06, 2015	Mar.05, 2016
Pre-amplifier	HP	11909A	185903	Mar. 06, 2015	Mar.05, 2016
Pre-amplifier	HP	8447B	3008A00849	Mar. 06, 2015	Mar.05, 2016
Cable	HUBER+SUHNE R	100	SUCOFLEX	Mar. 06, 2015	Mar.05, 2016
Signal Generator	Rohde & Schwarz	SML03	IKW682-054	Feb. 10, 2015	Feb.09, 2016
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Temp. & Humidity Chamber	ZHONG ZHI	CZ-A-225D	HW08053	Aug. 08, 2014	Aug. 07, 2015
DC Power Supply	MATRIX	MPS-3005L-3	D806050W	Aug. 08, 2014	Aug. 07, 2015
AC Power Supply	Heng Jie	HPC-1110	2010007	Aug. 08, 2014	Aug. 07, 2015

4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1 Test Standard

FCC Part 15.207

4.1.2 Test Limit

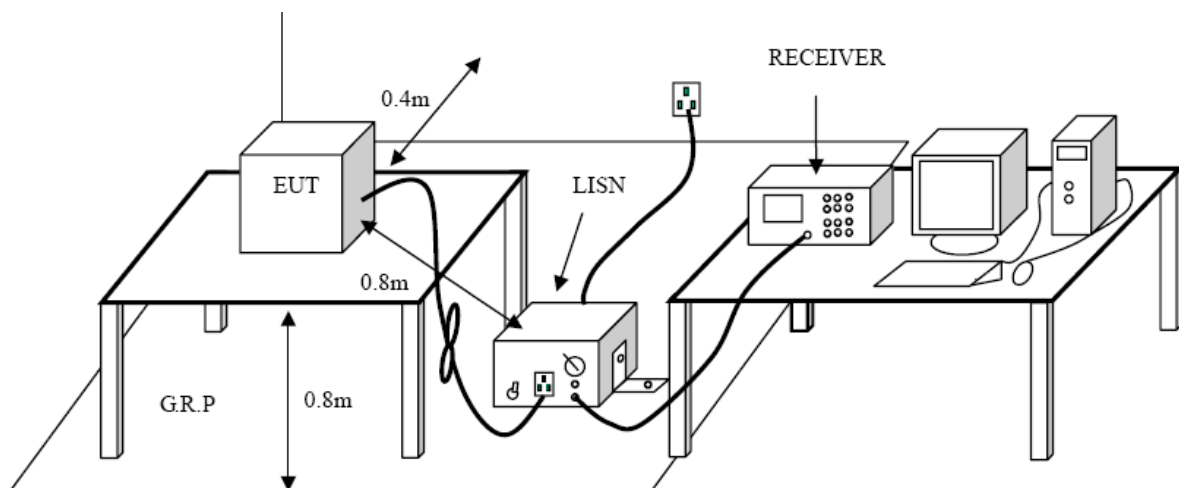
Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage (dB μ V)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

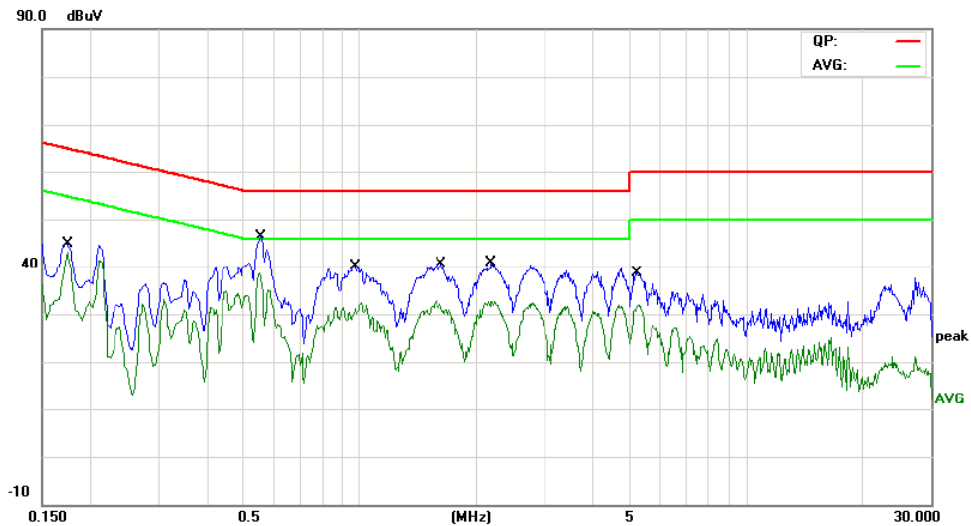
4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

Please see the next page.

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Terminal:	Line		
Test Mode:	AC Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		

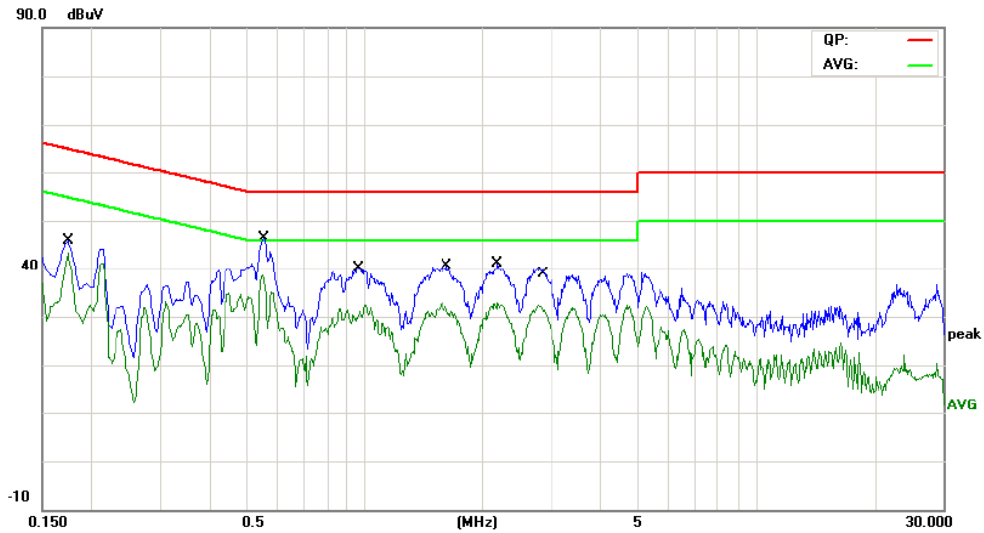


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1740	33.69	9.97	43.66	64.76	-21.10	QP
2		0.1740	33.08	9.97	43.05	54.76	-11.71	AVG
3		0.5540	35.99	10.05	46.04	56.00	-9.96	QP
4	*	0.5540	28.05	10.05	38.10	46.00	-7.90	AVG
5		0.9740	28.93	10.07	39.00	56.00	-17.00	QP
6		0.9740	20.96	10.07	31.03	46.00	-14.97	AVG
7		1.6220	28.19	10.06	38.25	56.00	-17.75	QP
8		1.6220	21.38	10.06	31.44	46.00	-14.56	AVG
9		2.1860	28.63	10.05	38.68	56.00	-17.32	QP
10		2.1860	22.73	10.05	32.78	46.00	-13.22	AVG
11		5.1940	25.01	9.97	34.98	60.00	-25.02	QP
12		5.1940	21.50	9.97	31.47	50.00	-18.53	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Terminal:	Neutral		
Test Mode:	AC Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1740	33.69	10.12	43.81	64.76	-20.95	QP
2		0.1740	33.07	10.12	43.19	54.76	-11.57	AVG
3		0.5540	35.96	10.02	45.98	56.00	-10.02	QP
4	*	0.5540	28.08	10.02	38.10	46.00	-7.90	AVG
5		0.9660	28.83	10.14	38.97	56.00	-17.03	QP
6		0.9660	19.97	10.14	30.11	46.00	-15.89	AVG
7		1.6220	28.18	10.10	38.28	56.00	-17.72	QP
8		1.6220	21.33	10.10	31.43	46.00	-14.57	AVG
9		2.1860	28.61	10.06	38.67	56.00	-17.33	QP
10		2.1860	22.74	10.06	32.80	46.00	-13.20	AVG
11		2.8900	24.93	10.06	34.99	56.00	-21.01	QP
12		2.8900	20.23	10.06	30.29	46.00	-15.71	AVG

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard

FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limits (9kHz~1000MHz)

Frequency (MHz)	Field Strength (microvolt/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

Radiated Emission Limit (Above 1000MHz)

Frequency (MHz)	Class B (dBuV/m)(at 3 M)	
	Peak	Average
Above 1000	74	54

Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

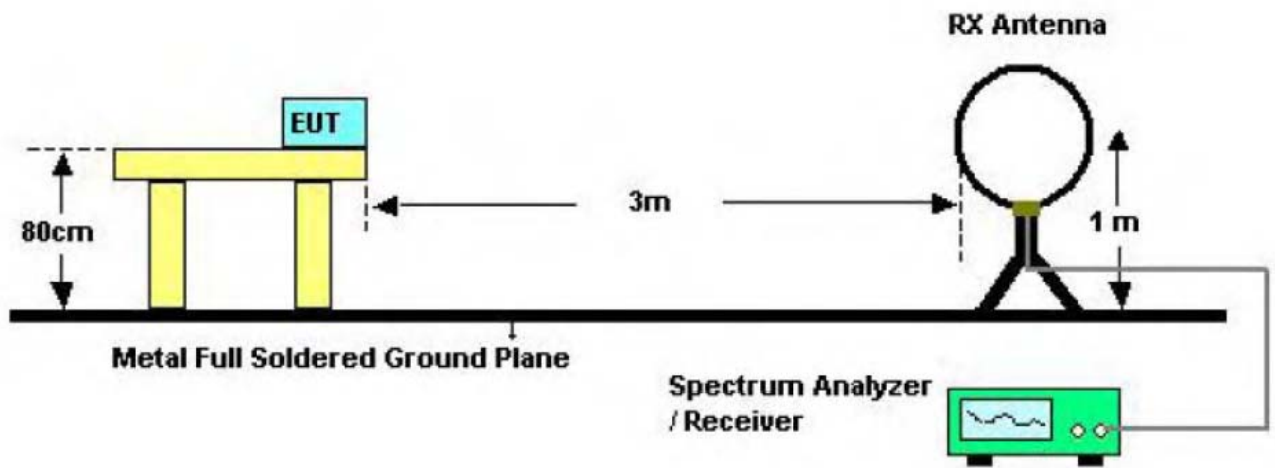
Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27 (beyond 10 MHz of the band edge)	68.3
	-17 (within 10 MHz of the band edge)	78.3

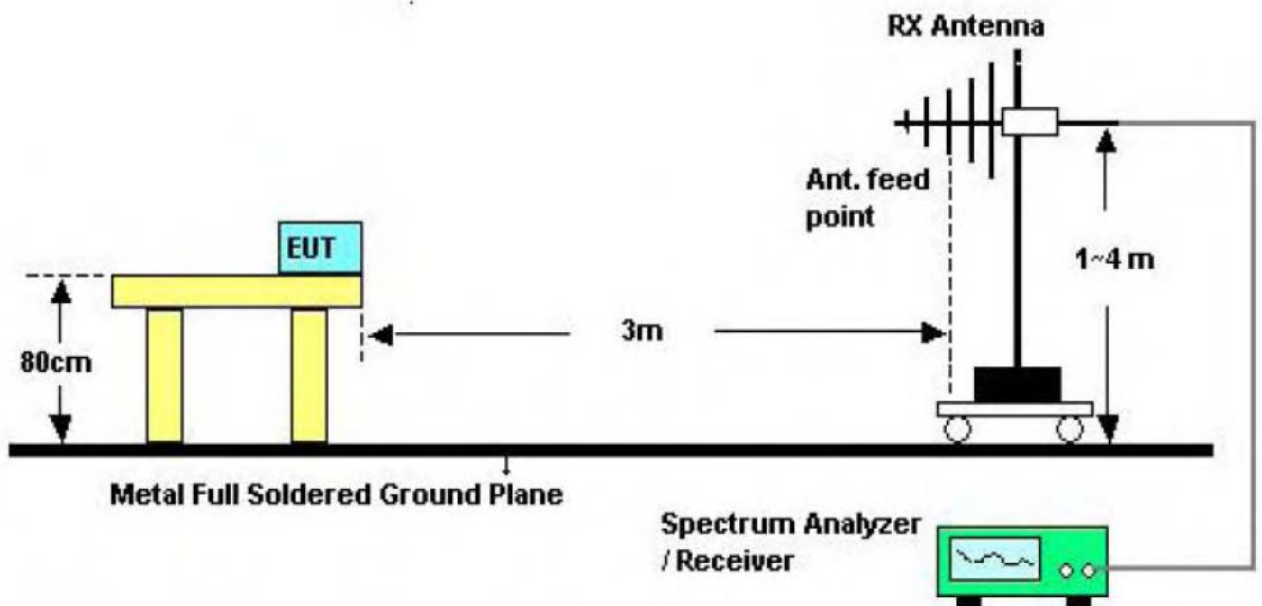
NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$E = \frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

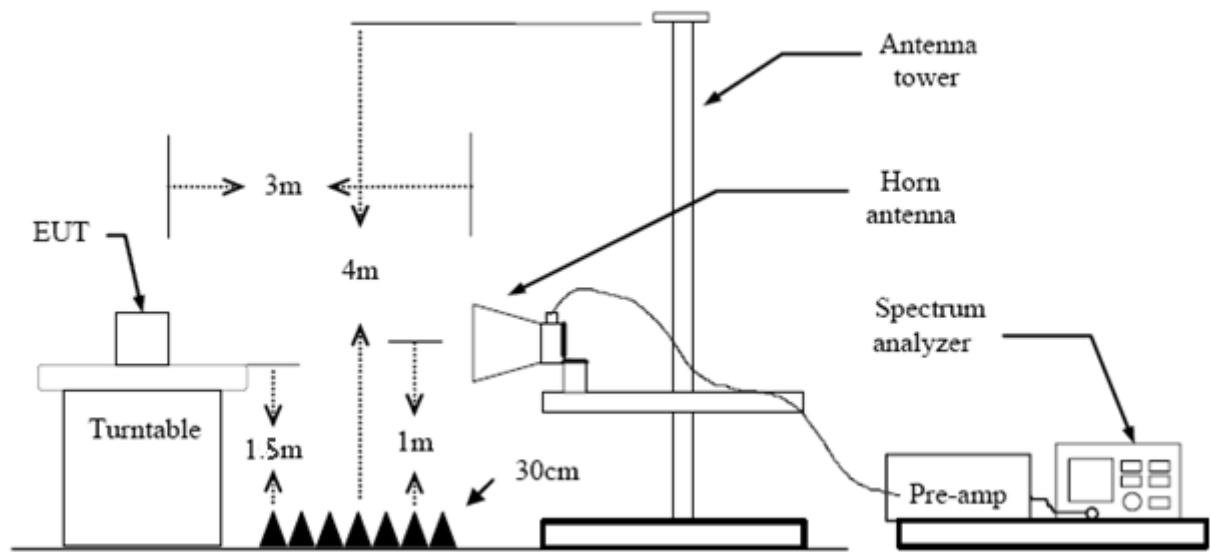
5.2 Test Setup



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) 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.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

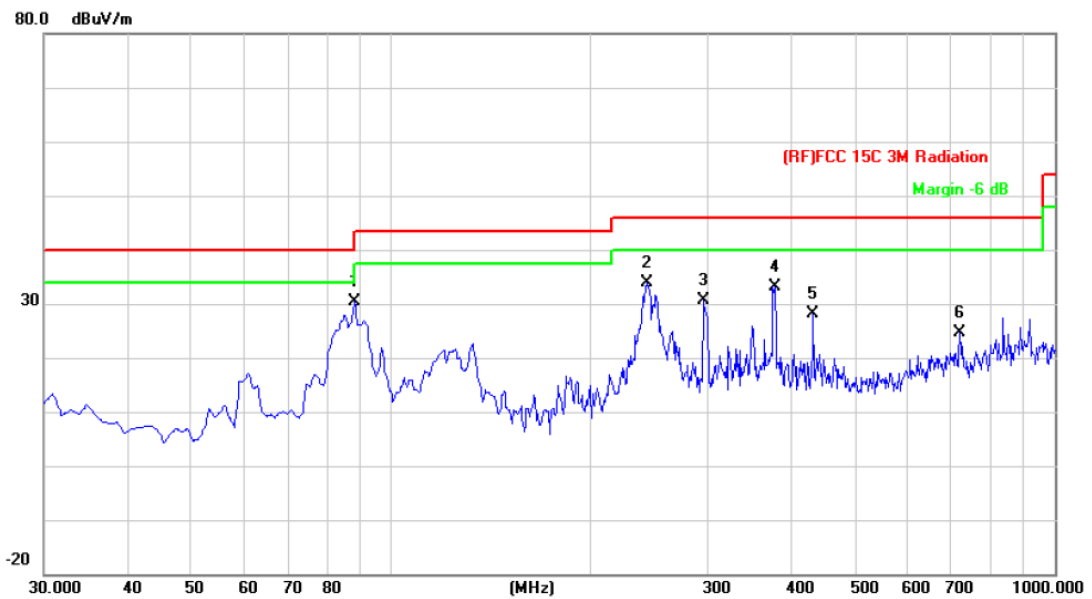
The Equipment Under Test was set to Continual Transmitting in maximum power.

5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Test data please refer the following pages.

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		

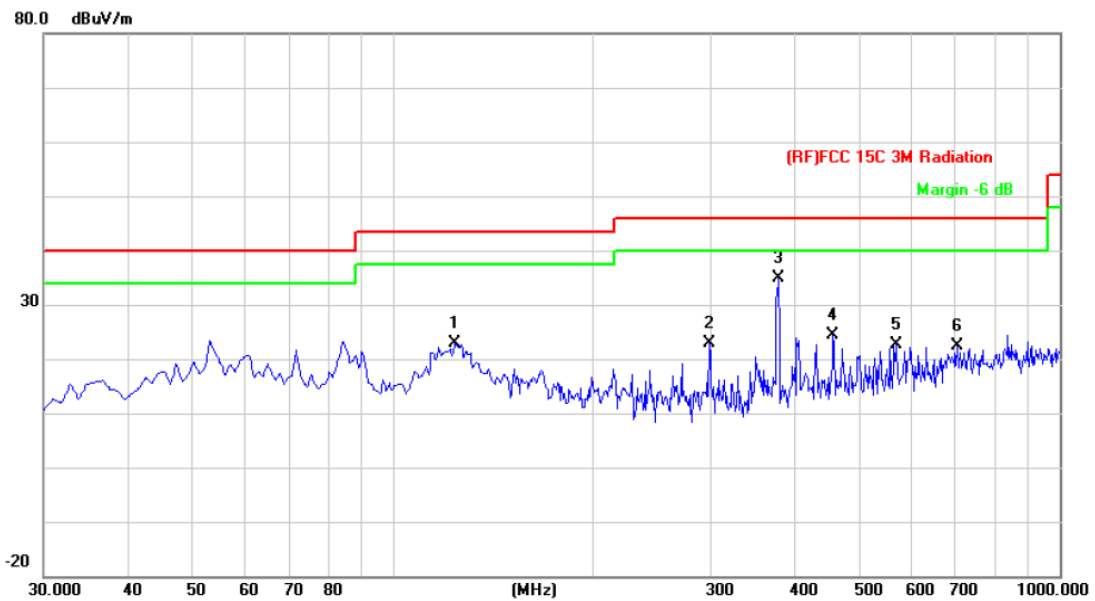


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		88.2000	53.23	-22.80	30.43	43.50	-13.07	peak
2	*	243.4000	52.28	-18.43	33.85	46.00	-12.15	peak
3		295.7800	47.76	-17.17	30.59	46.00	-15.41	peak
4		379.2000	47.35	-14.18	33.17	46.00	-12.83	peak
5		432.5500	40.89	-12.78	28.11	46.00	-17.89	peak
6		720.6400	31.66	-7.09	24.57	46.00	-21.43	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		

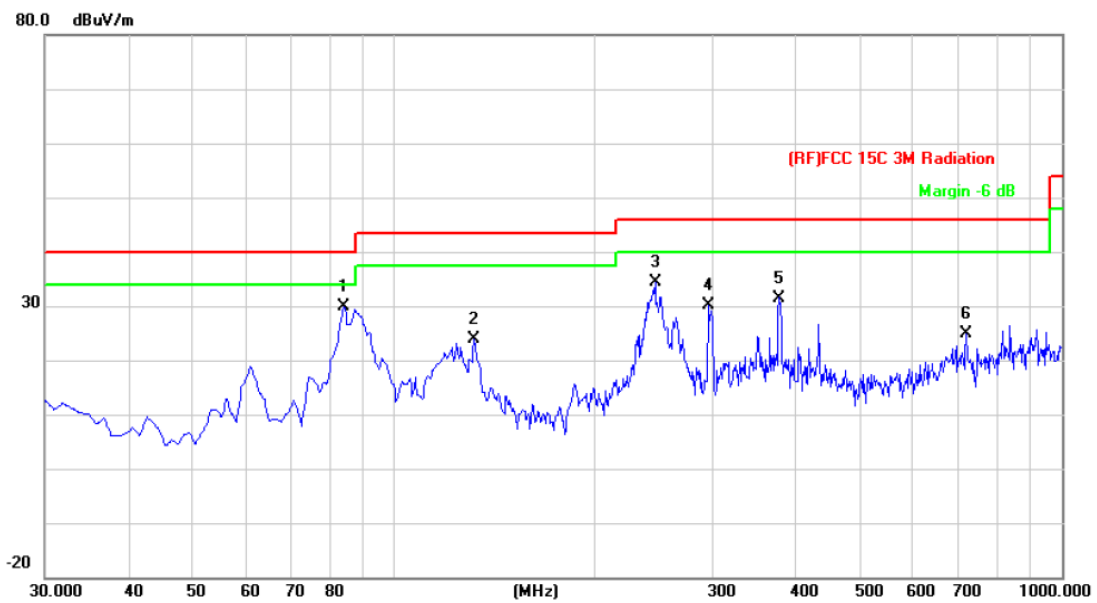


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		124.0900	45.27	-22.37	22.90	43.50	-20.60	peak
2		298.6900	39.95	-17.11	22.84	46.00	-23.16	peak
3	*	379.2000	48.95	-14.18	34.77	46.00	-11.23	peak
4		457.7700	36.50	-12.19	24.31	46.00	-21.69	peak
5		569.3200	32.87	-10.13	22.74	46.00	-23.26	peak
6		703.1800	29.18	-6.90	22.28	46.00	-23.72	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	Only worse case is reported		

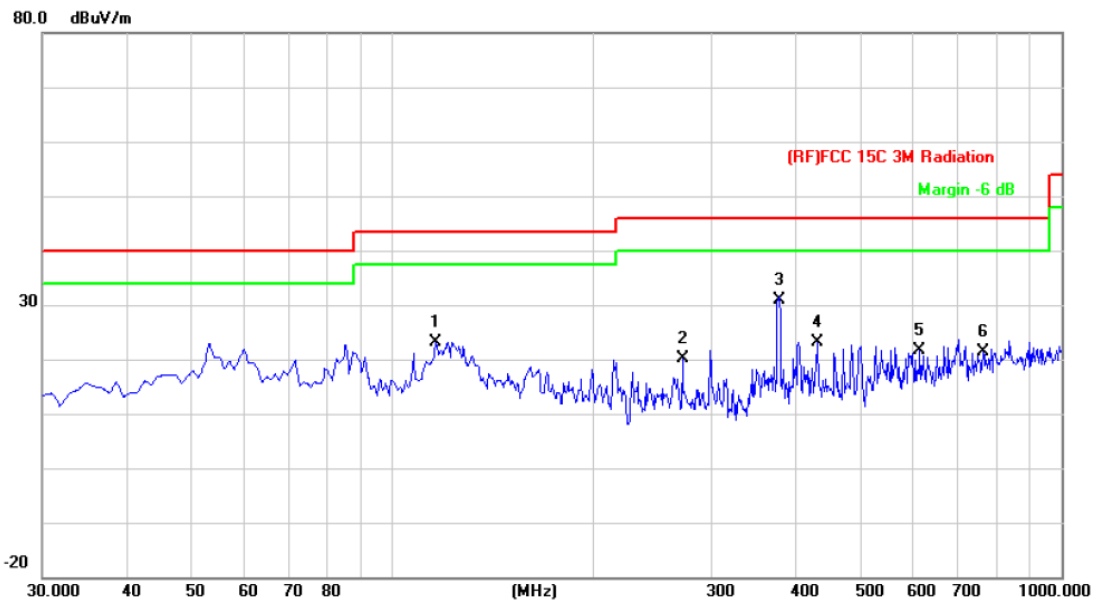


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	84.3200	52.82	-23.02	29.80	40.00	-10.20	peak
2		131.8500	46.12	-22.14	23.98	43.50	-19.52	peak
3		246.3100	52.55	-18.29	34.26	46.00	-11.74	peak
4		295.7800	47.25	-17.17	30.08	46.00	-15.92	peak
5		377.2599	45.81	-14.31	31.50	46.00	-14.50	peak
6		720.6400	32.00	-7.09	24.91	46.00	-21.09	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	Only worse case is reported		

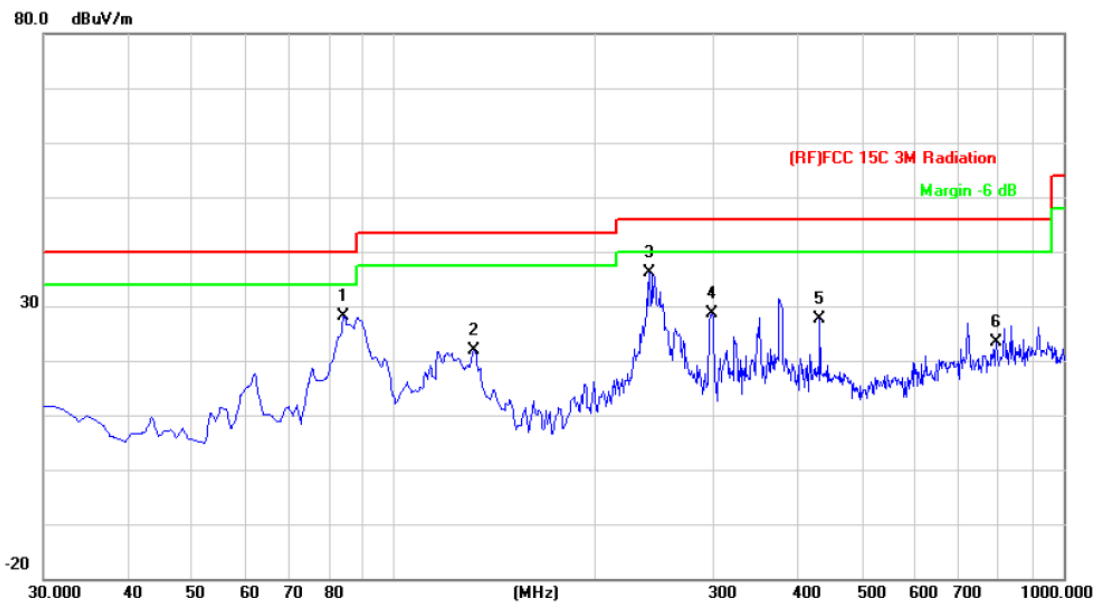


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		116.3300	45.42	-22.27	23.15	43.50	-20.35	peak
2		271.5300	37.69	-17.65	20.04	46.00	-25.96	peak
3	*	377.2600	45.18	-14.31	30.87	46.00	-15.13	peak
4		432.5500	35.87	-12.78	23.09	46.00	-22.91	peak
5		615.8800	30.55	-8.86	21.69	46.00	-24.31	peak
6		764.2900	28.38	-6.88	21.50	46.00	-24.50	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	Only worse case is reported		

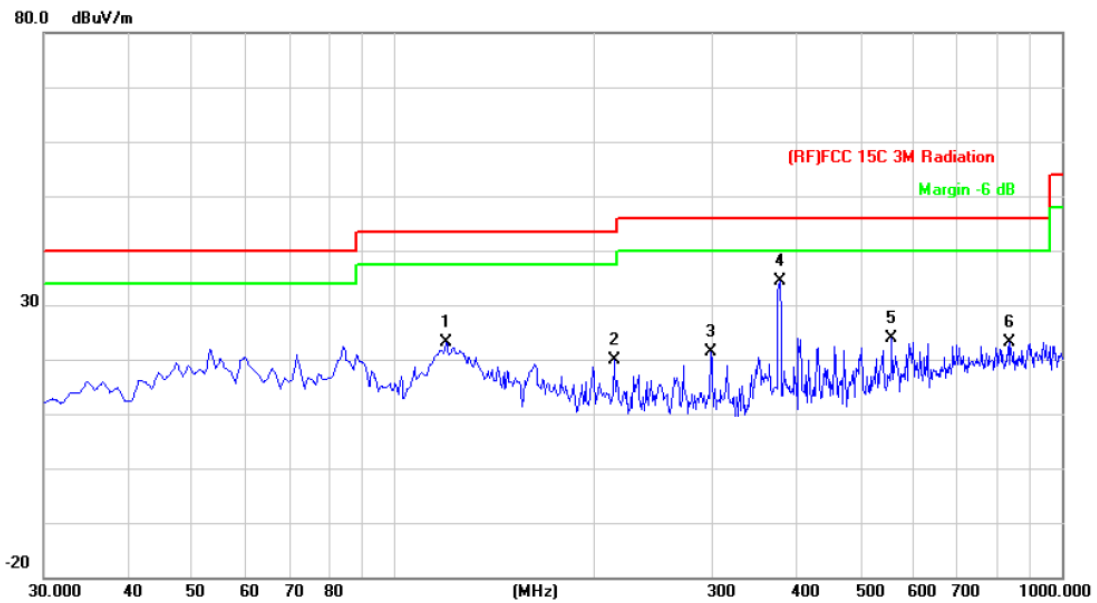


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		84.3198	51.20	-23.02	28.18	40.00	-11.82	peak
2		131.8500	44.12	-22.14	21.98	43.50	-21.52	peak
3	*	241.4600	54.67	-18.53	36.14	46.00	-9.86	peak
4		298.6900	45.82	-17.11	28.71	46.00	-17.29	peak
5		432.5500	40.37	-12.78	27.59	46.00	-18.41	peak
6		795.3300	29.82	-6.54	23.28	46.00	-22.72	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	Only worse case is reported		

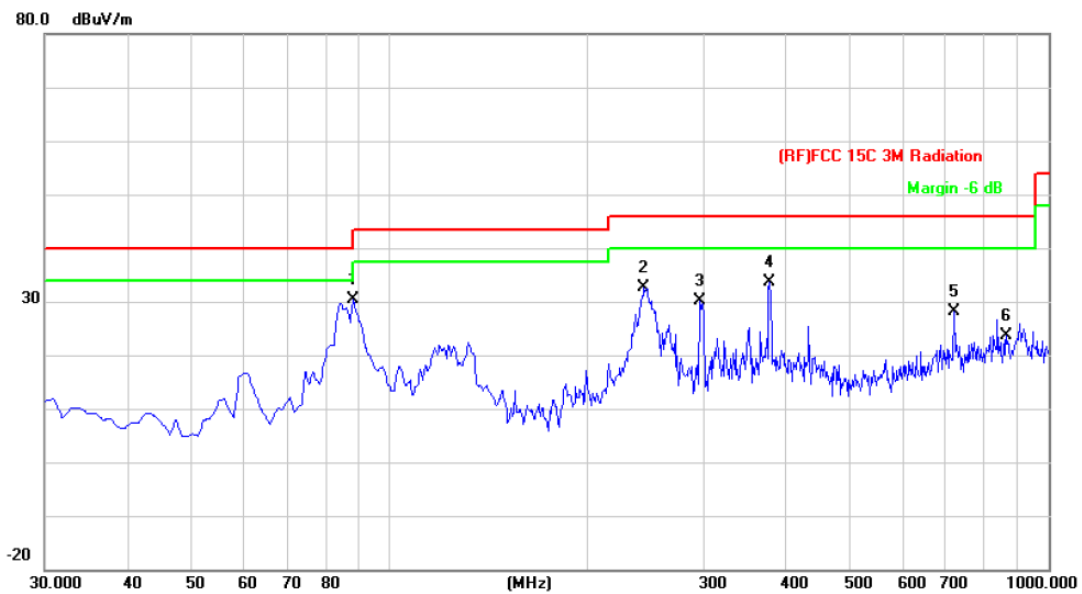


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		120.2100	45.56	-22.50	23.06	43.50	-20.44	peak
2		214.3000	39.72	-19.77	19.95	43.50	-23.55	peak
3		298.6900	38.56	-17.11	21.45	46.00	-24.55	peak
4	*	379.1999	48.46	-14.18	34.28	46.00	-11.72	peak
5		558.6500	34.06	-10.13	23.93	46.00	-22.07	peak
6		837.0400	29.61	-6.48	23.13	46.00	-22.87	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
Remark:	Only worse case is reported		

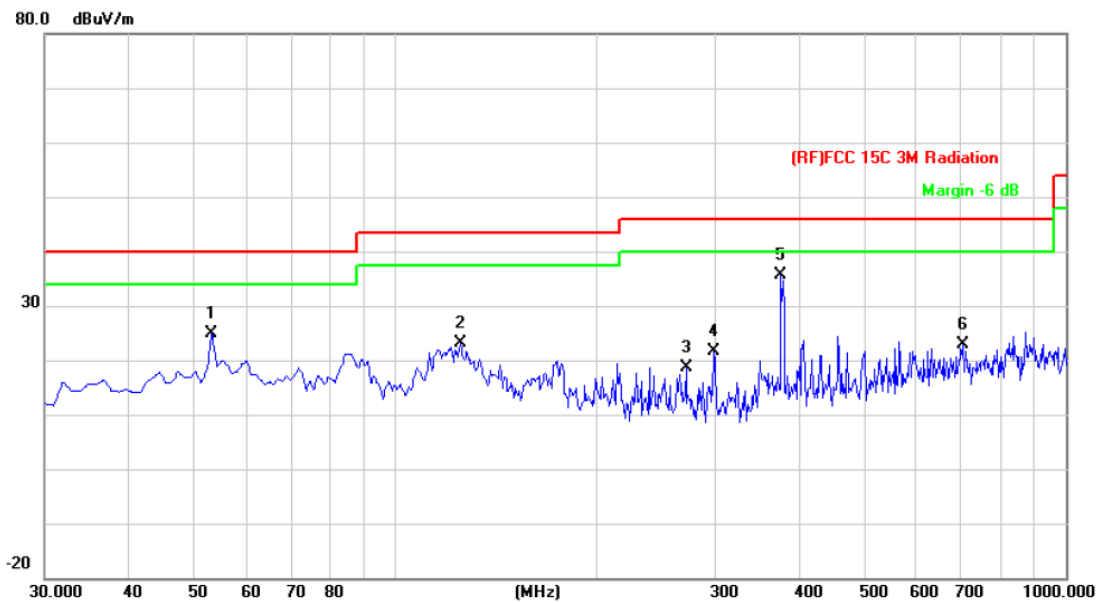


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		88.2000	53.07	-22.80	30.27	43.50	-13.23	peak
2		243.4000	51.11	-18.43	32.68	46.00	-13.32	peak
3		295.7799	47.35	-17.17	30.18	46.00	-15.82	peak
4	*	377.2599	47.97	-14.31	33.66	46.00	-12.34	peak
5		720.6399	35.14	-7.09	28.05	46.00	-17.95	peak
6		864.2000	29.86	-6.31	23.55	46.00	-22.45	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
Remark:	Only worse case is reported		

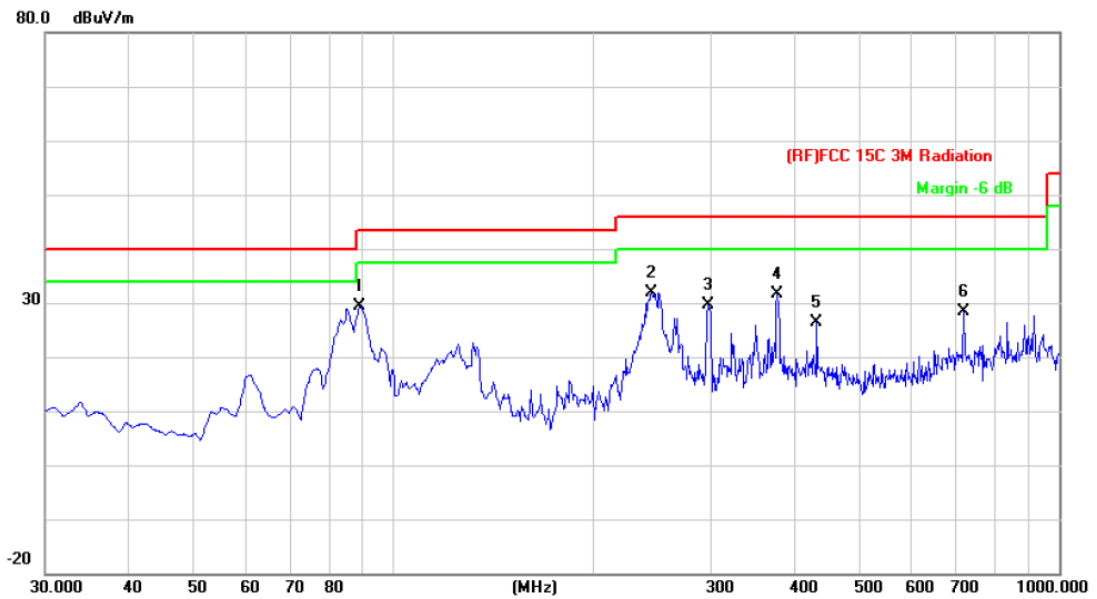


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		53.2800	49.22	-24.44	24.78	40.00	-15.22	peak
2		125.0600	45.47	-22.34	23.13	43.50	-20.37	peak
3		271.5299	36.18	-17.65	18.53	46.00	-27.47	peak
4		298.6899	38.65	-17.11	21.54	46.00	-24.46	peak
5	*	376.2900	50.10	-14.38	35.72	46.00	-10.28	peak
6		704.1499	29.90	-6.91	22.99	46.00	-23.01	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	Only worse case is reported		

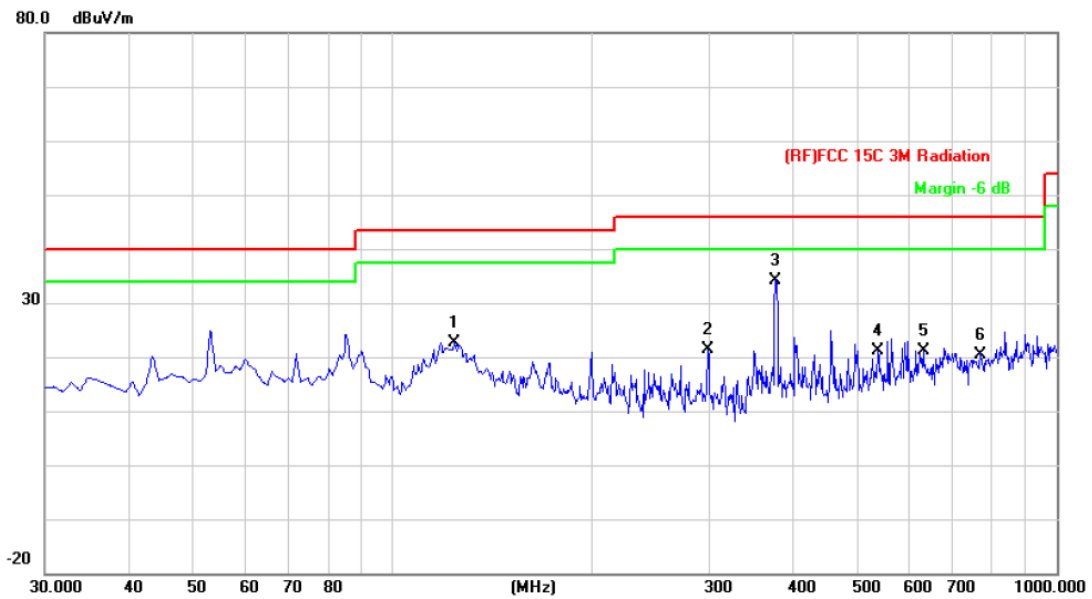


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		89.1700	52.03	-22.74	29.29	43.50	-14.21	peak
2	*	244.3700	50.20	-18.39	31.81	46.00	-14.19	peak
3		297.7200	46.86	-17.13	29.73	46.00	-16.27	peak
4		377.2599	46.05	-14.31	31.74	46.00	-14.26	peak
5		432.5500	39.21	-12.78	26.43	46.00	-19.57	peak
6		720.6399	35.38	-7.09	28.29	46.00	-17.71	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	Only worse case is reported		

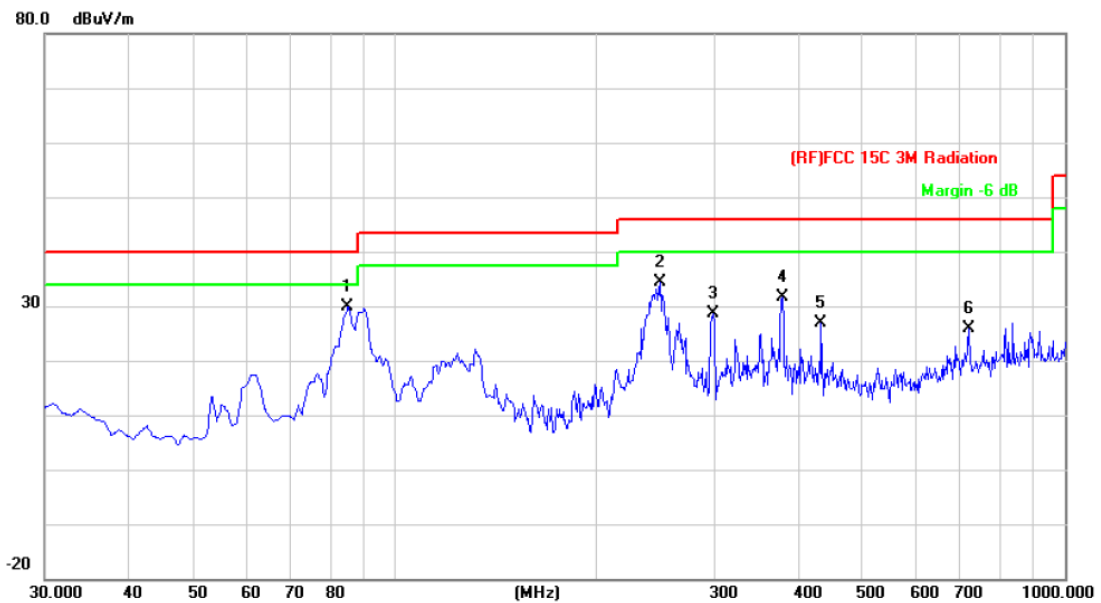


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		124.0900	45.07	-22.37	22.70	43.50	-20.80	peak
2		298.6900	38.45	-17.11	21.34	46.00	-24.66	peak
3	*	377.2599	48.56	-14.31	34.25	46.00	-11.75	peak
4		538.2800	31.26	-10.14	21.12	46.00	-24.88	peak
5		630.4300	29.80	-8.56	21.24	46.00	-24.76	peak
6		771.0800	27.11	-6.79	20.32	46.00	-25.68	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		
Remark:	Only worse case is reported		

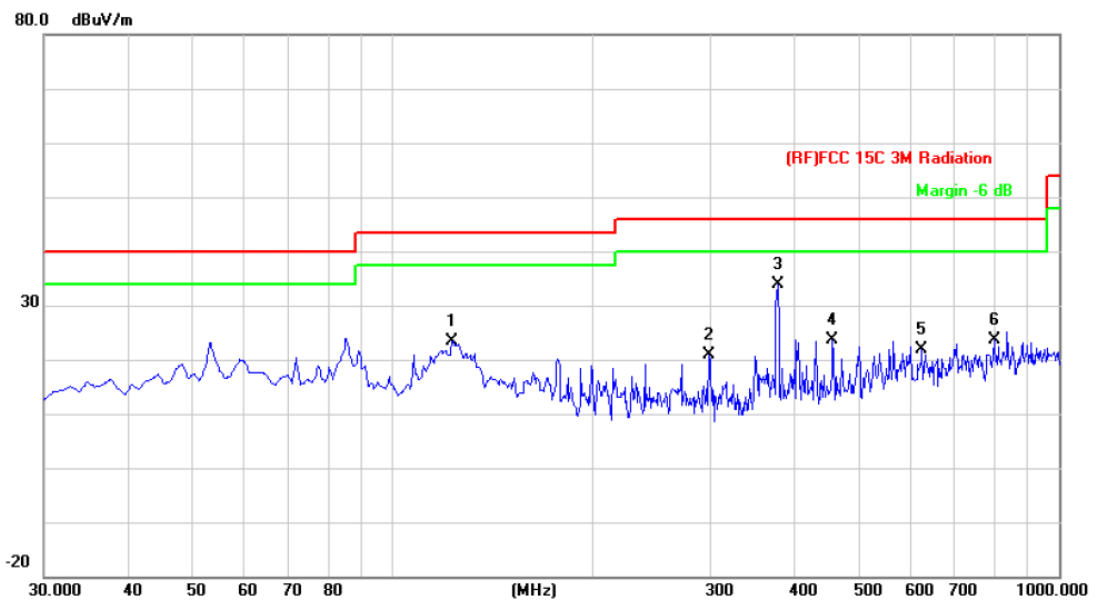


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	85.2900	52.79	-22.97	29.82	40.00	-10.18	peak
2		249.2199	52.59	-18.15	34.44	46.00	-11.56	peak
3		298.6899	45.66	-17.11	28.55	46.00	-17.45	peak
4		379.1999	45.78	-14.18	31.60	46.00	-14.40	peak
5		432.5500	39.59	-12.78	26.81	46.00	-19.19	peak
6		720.6399	33.00	-7.09	25.91	46.00	-20.09	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		
Remark:	Only worse case is reported		

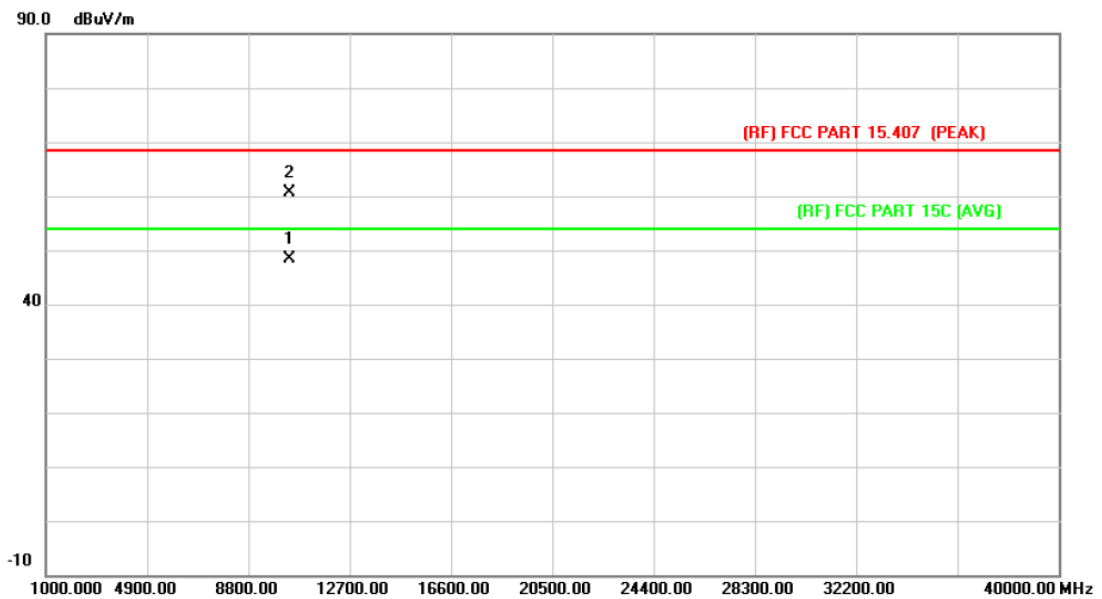


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		123.1200	45.84	-22.41	23.43	43.50	-20.07	peak
2		298.6900	37.89	-17.11	20.78	46.00	-25.22	peak
3	*	379.1999	48.11	-14.18	33.93	46.00	-12.07	peak
4		458.7400	35.74	-12.16	23.58	46.00	-22.42	peak
5		623.6400	30.42	-8.57	21.85	46.00	-24.15	peak
6		800.1800	30.15	-6.51	23.64	46.00	-22.36	peak

*:Maximum data x:Over limit !:over margin

Emission Level= Read Level+ Correct Factor

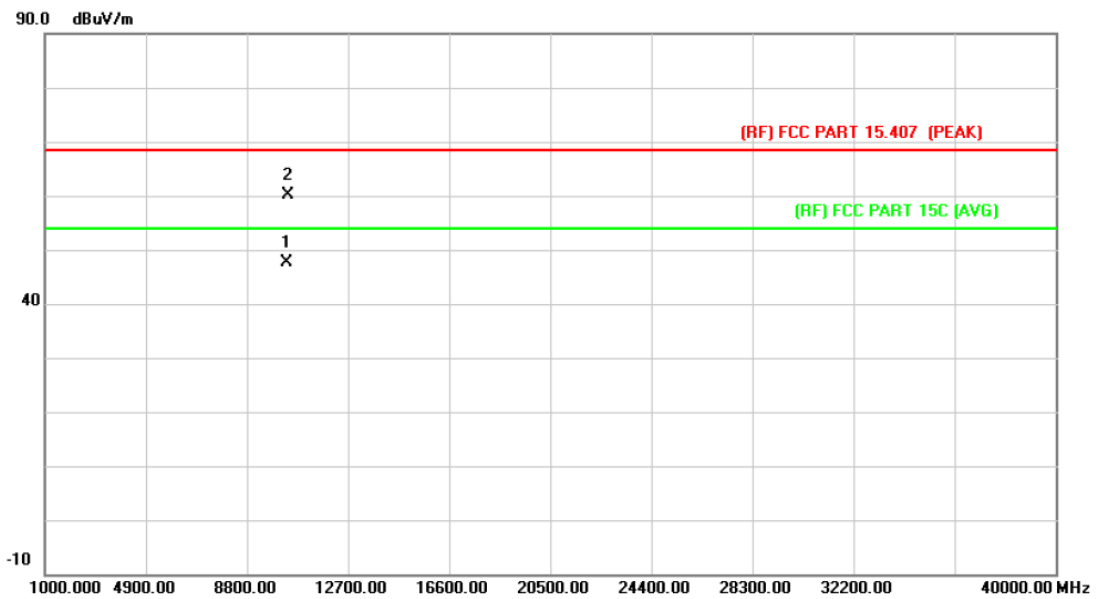
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10360.540	32.69	15.59	48.28	54.00	-5.72	AVG
2		10360.683	45.12	15.60	60.72	68.30	-7.58	peak

Emission Level= Read Level+ Correct Factor

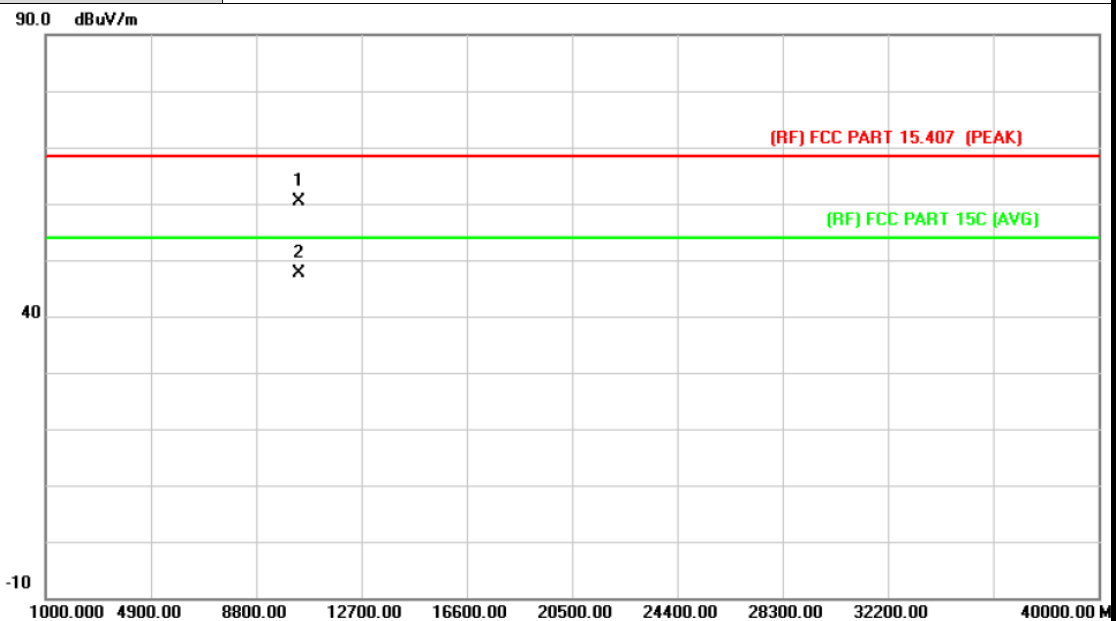
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10359.775	32.05	15.58	47.63	54.00	-6.37	AVG
2		10363.075	44.49	15.60	60.09	68.30	-8.21	peak

Emission Level= Read Level+ Correct Factor

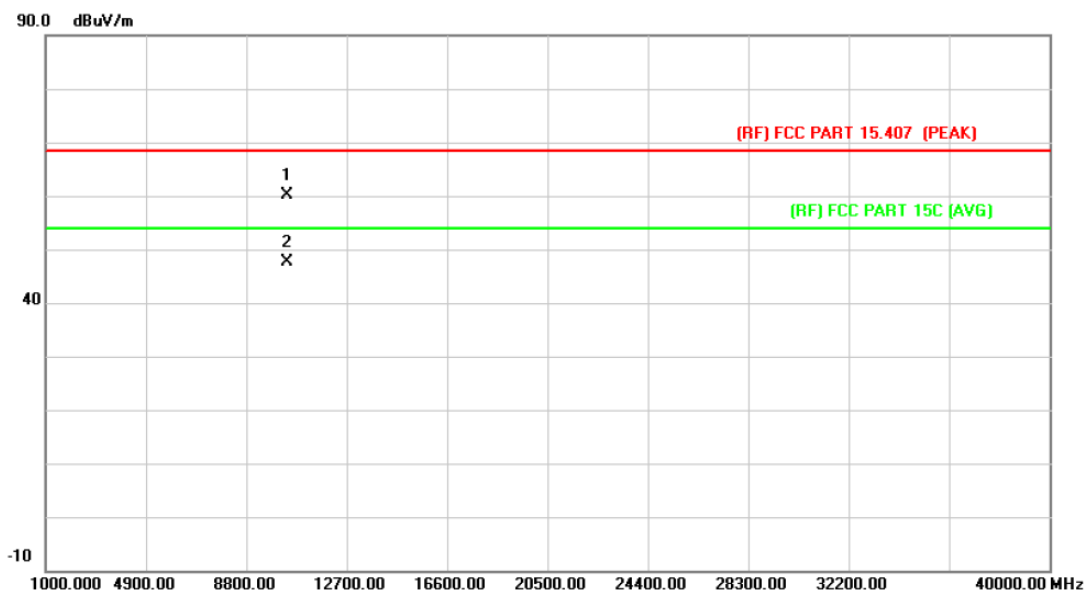
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		10399.138	44.79	15.66	60.45	68.30	-7.85	peak
2	*	10401.440	31.88	15.66	47.54	54.00	-6.46	AVG

Emission Level= Read Level+ Correct Factor

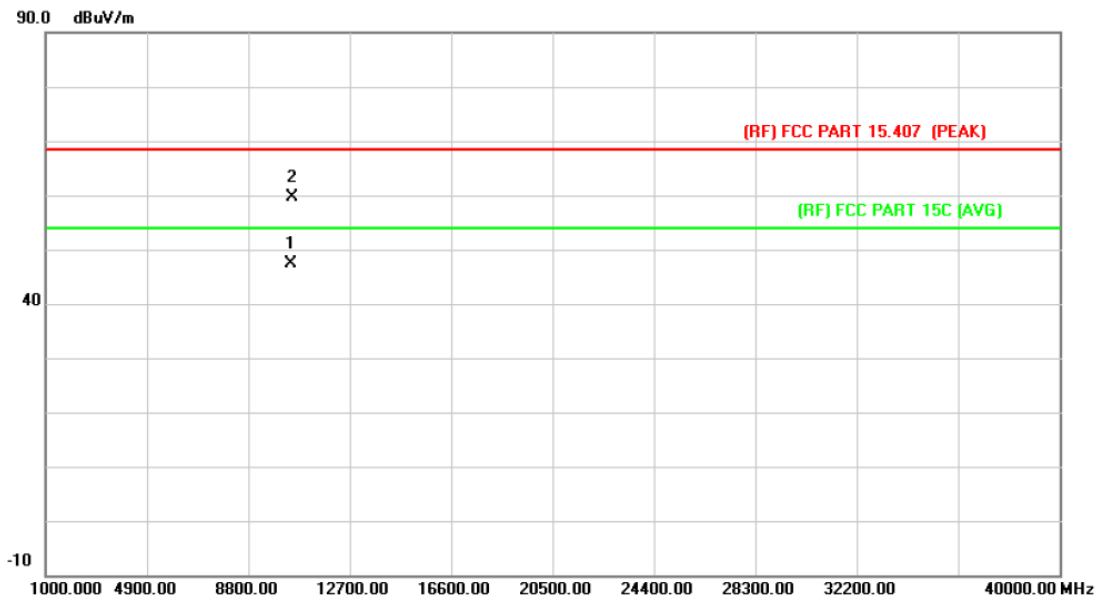
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10398.935	44.49	15.65	60.14	68.30	-8.16	peak
2	*	10400.712	31.92	15.66	47.58	54.00	-6.42	AVG

Emission Level= Read Level+ Correct Factor

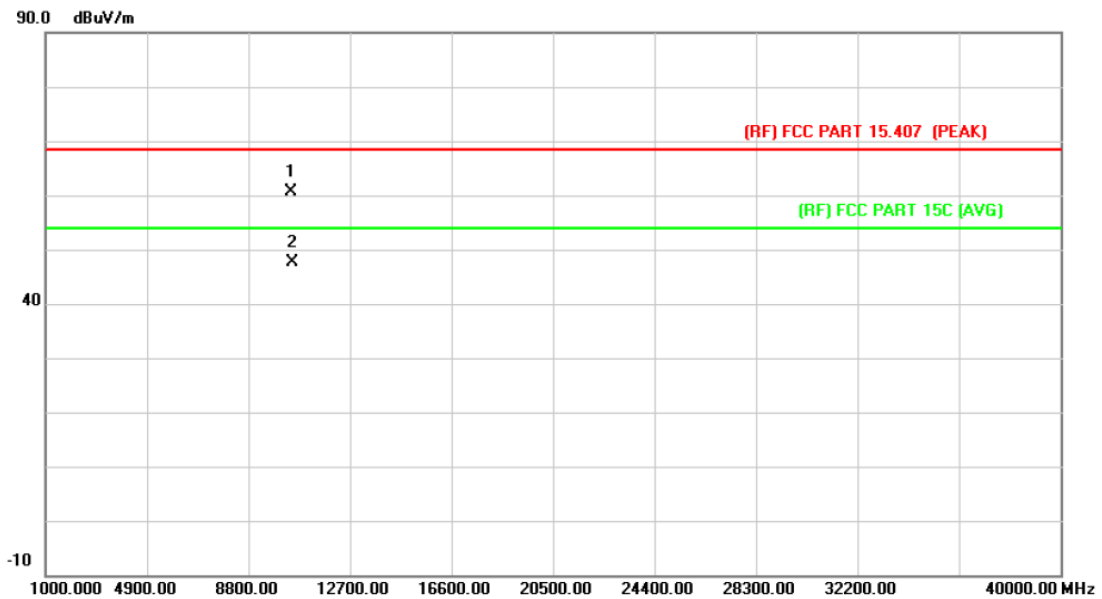
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10462.400	31.70	15.76	47.46	54.00	-6.54	AVG
2		10467.400	43.96	15.78	59.74	68.30	-8.56	peak

Emission Level= Read Level+ Correct Factor

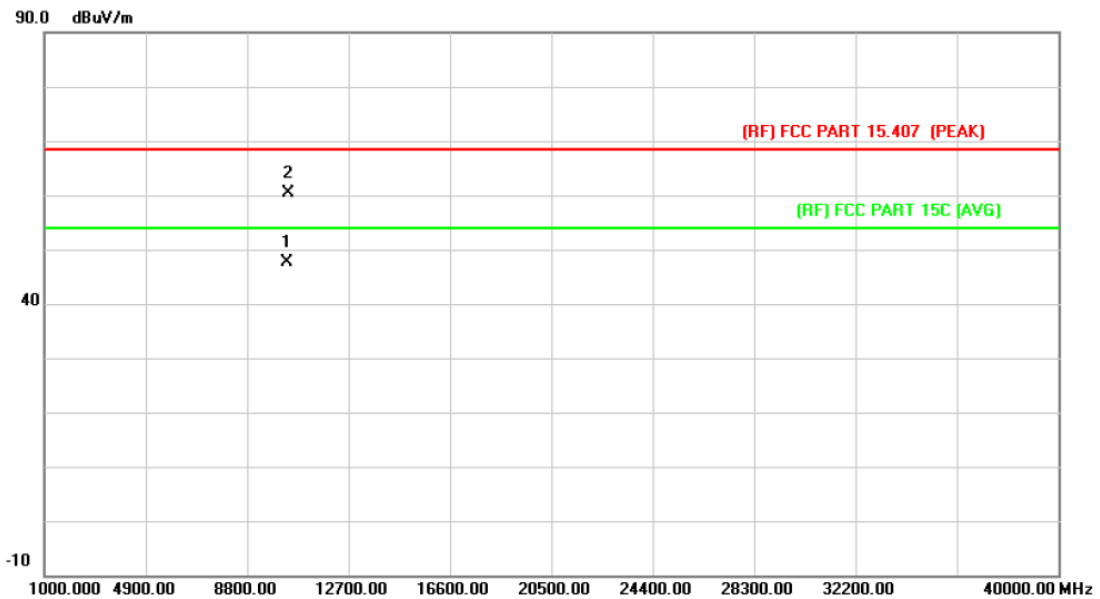
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		10462.300	44.98	15.76	60.74	68.30	-7.56	peak
2	*	10475.200	31.76	15.78	47.54	54.00	-6.46	AVG

Emission Level= Read Level+ Correct Factor

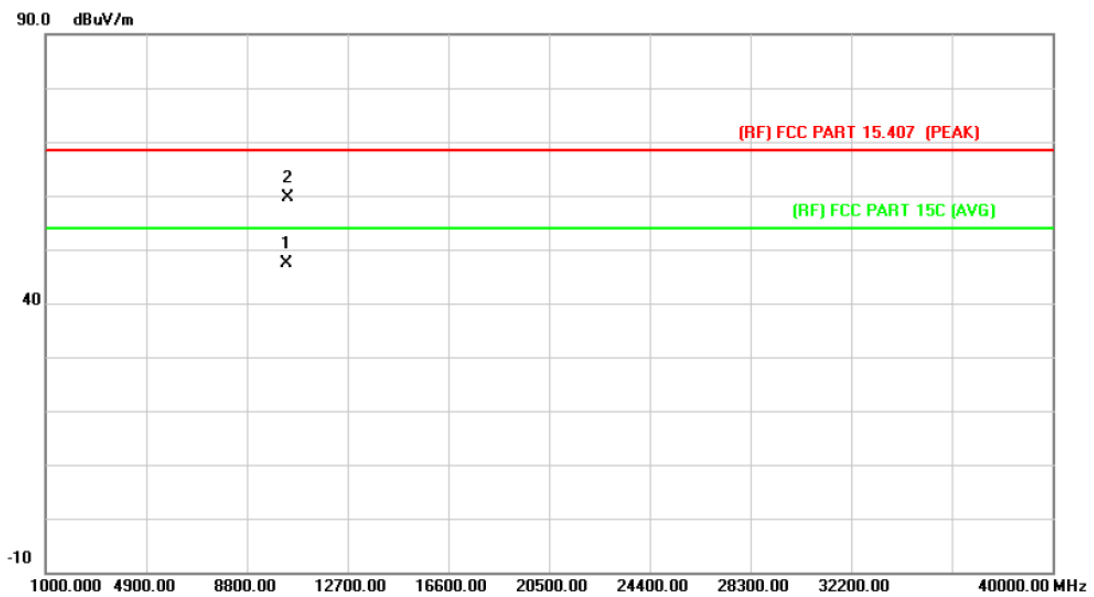
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10359.917	32.02	15.58	47.60	54.00	-6.40	AVG
2		10360.757	44.74	15.60	60.34	68.30	-7.96	peak

Emission Level= Read Level+ Correct Factor

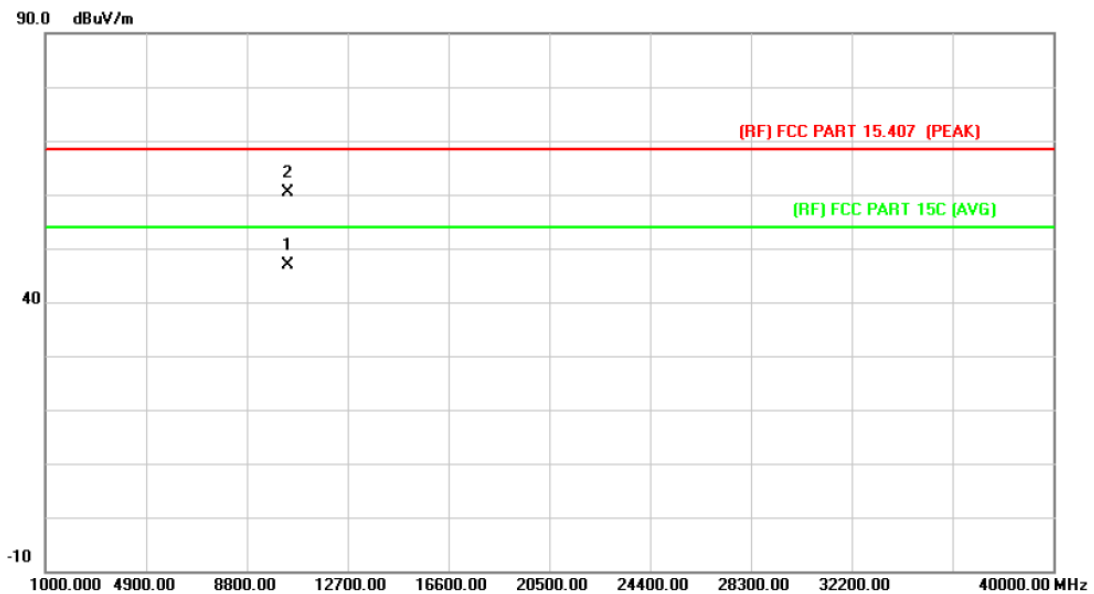
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10358.747	31.86	15.57	47.43	54.00	-6.57	AVG
2		10360.585	44.11	15.59	59.70	68.30	-8.60	peak

Emission Level= Read Level+ Correct Factor

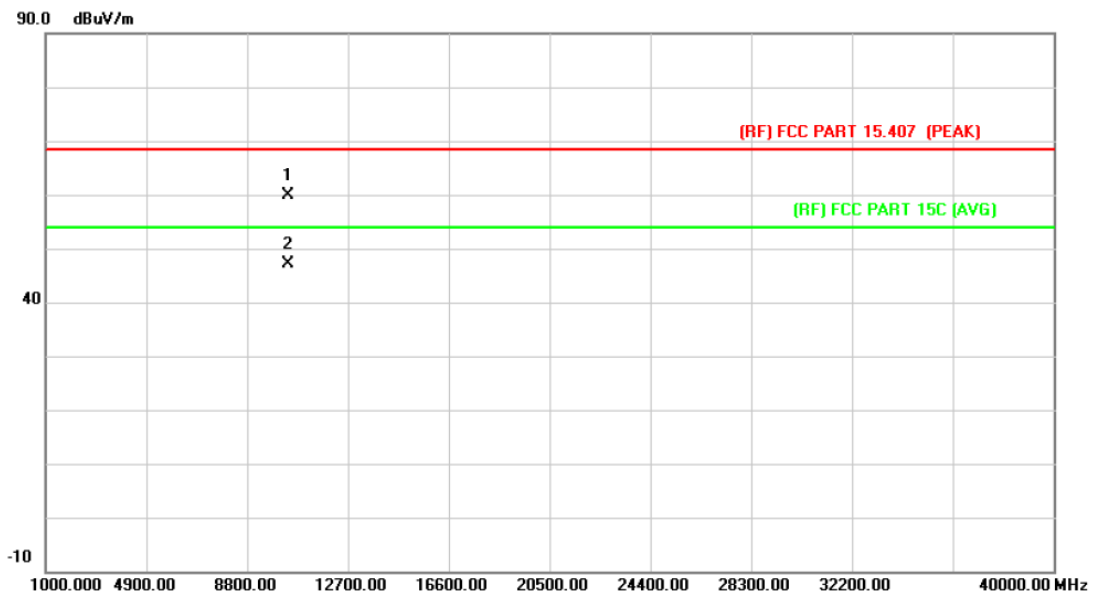
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10398.628	31.35	15.65	47.00	54.00	-7.00	AVG
2		10398.882	44.73	15.65	60.38	68.30	-7.92	peak

Emission Level= Read Level+ Correct Factor

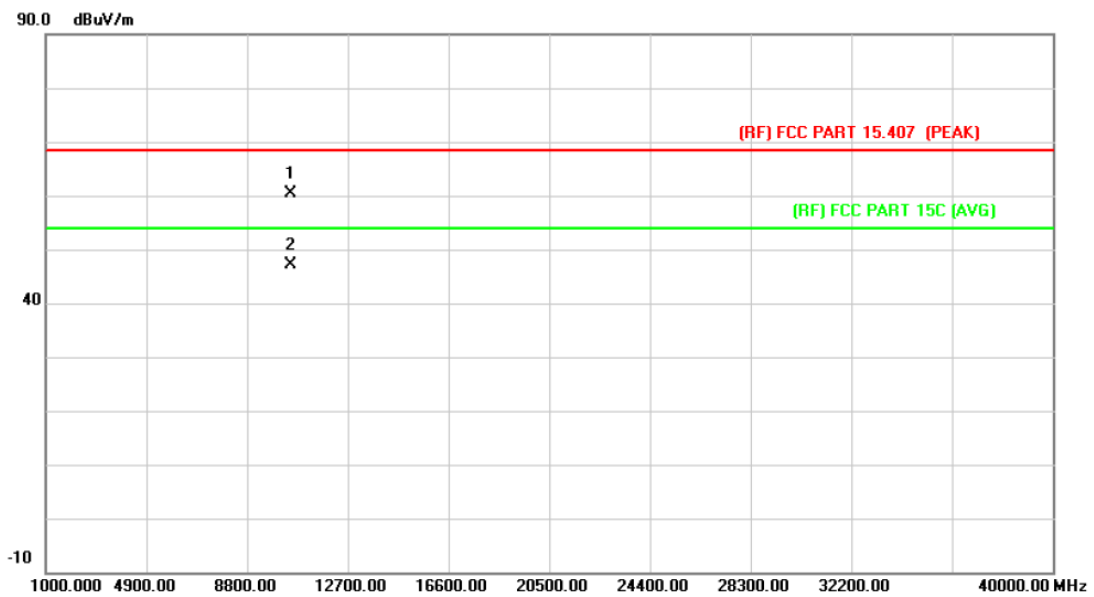
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10399.685	44.25	15.66	59.91	68.30	-8.39	peak
2	*	10400.090	31.37	15.66	47.03	54.00	-6.97	AVG

Emission Level= Read Level+ Correct Factor

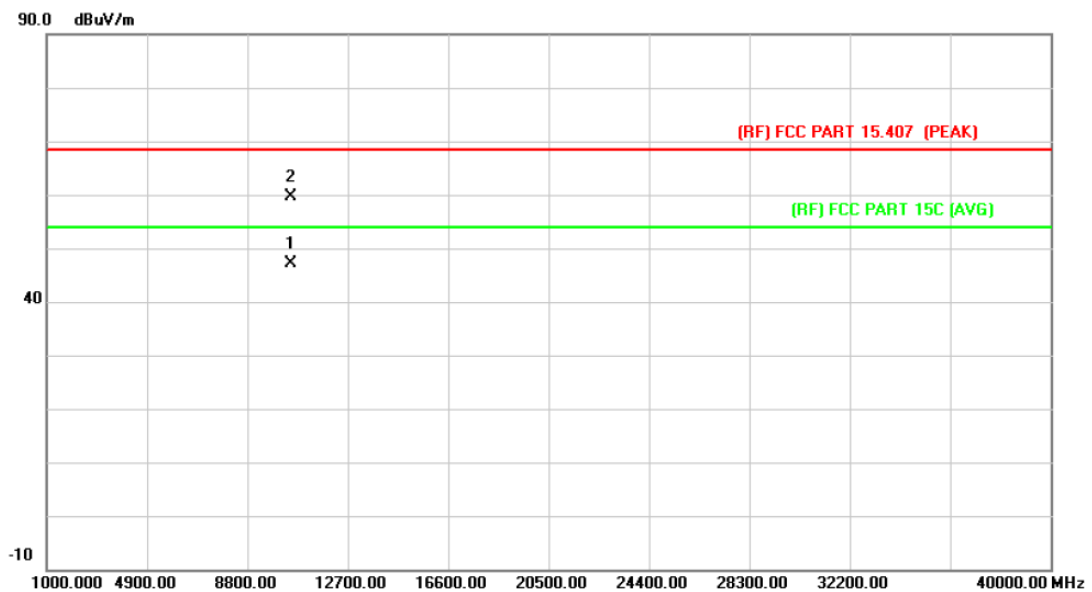
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10481.185	44.55	15.79	60.34	68.30	-7.96	peak
2	*	10481.230	31.27	15.79	47.06	54.00	-6.94	AVG

Emission Level= Read Level+ Correct Factor

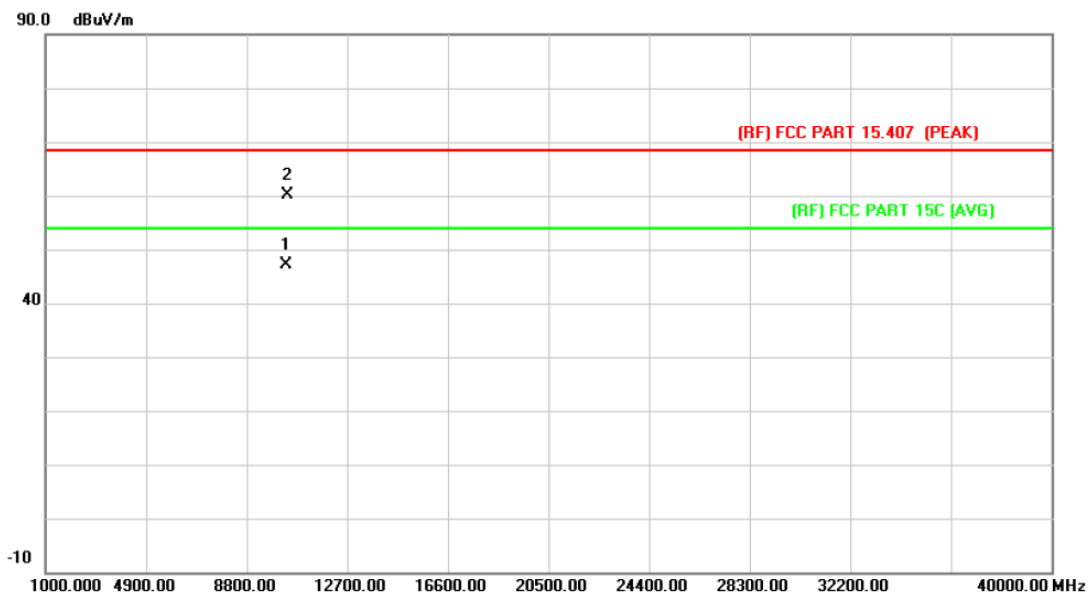
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10479.730	31.28	15.79	47.07	54.00	-6.93	AVG
2		10480.885	43.88	15.79	59.67	68.30	-8.63	peak

Emission Level= Read Level+ Correct Factor

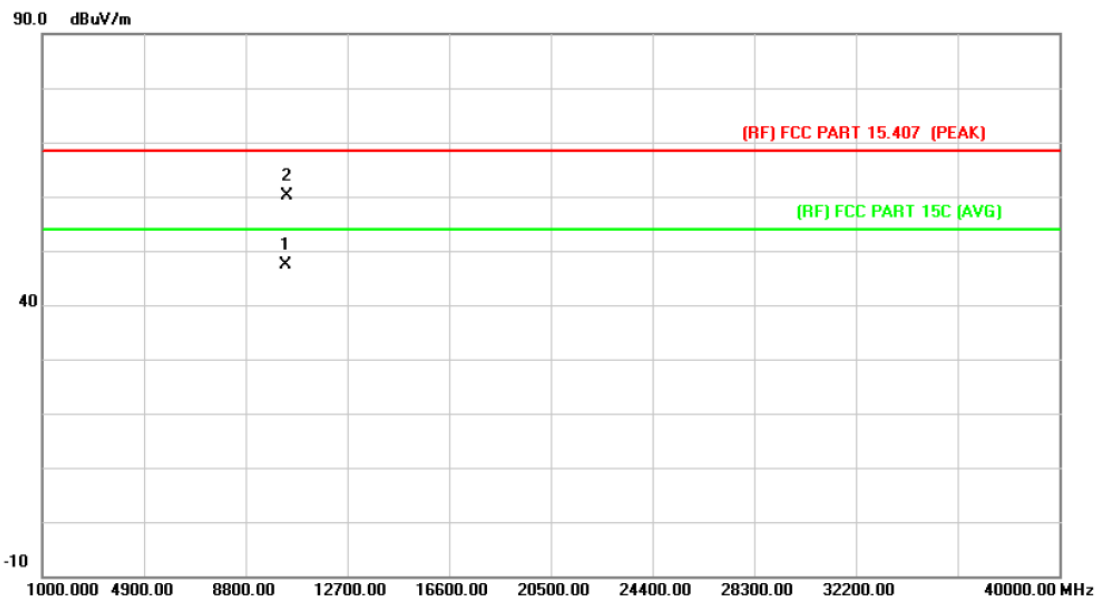
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10359.715	31.64	15.58	47.22	54.00	-6.78	AVG
2		10361.132	44.45	15.60	60.05	68.30	-8.25	peak

Emission Level= Read Level+ Correct Factor

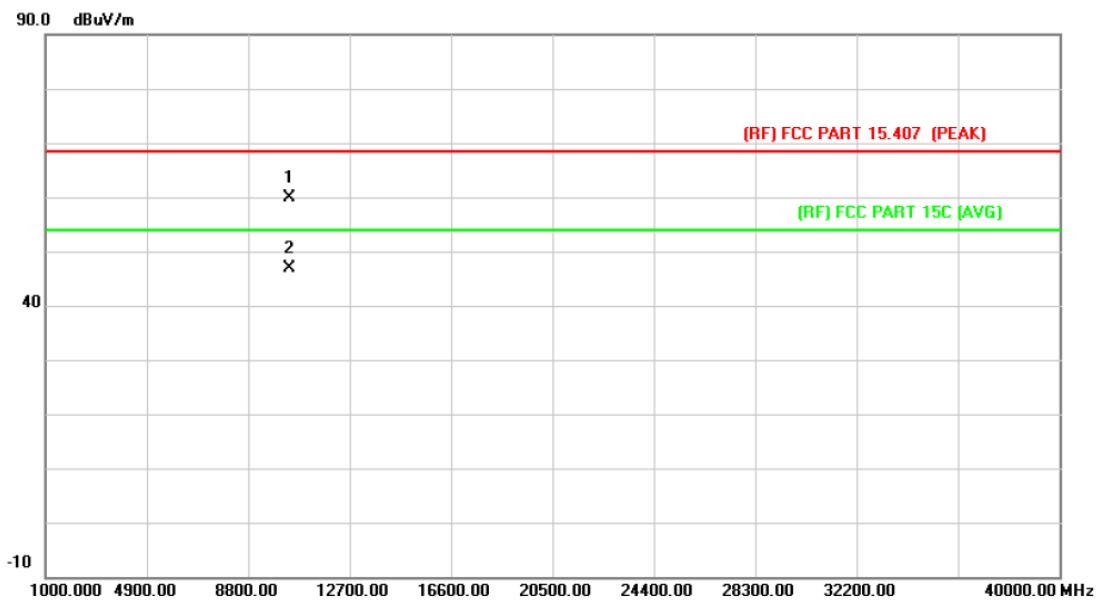
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10359.528	31.70	15.58	47.28	54.00	-6.72	AVG
2		10360.555	44.59	15.59	60.18	68.30	-8.12	peak

Emission Level= Read Level+ Correct Factor

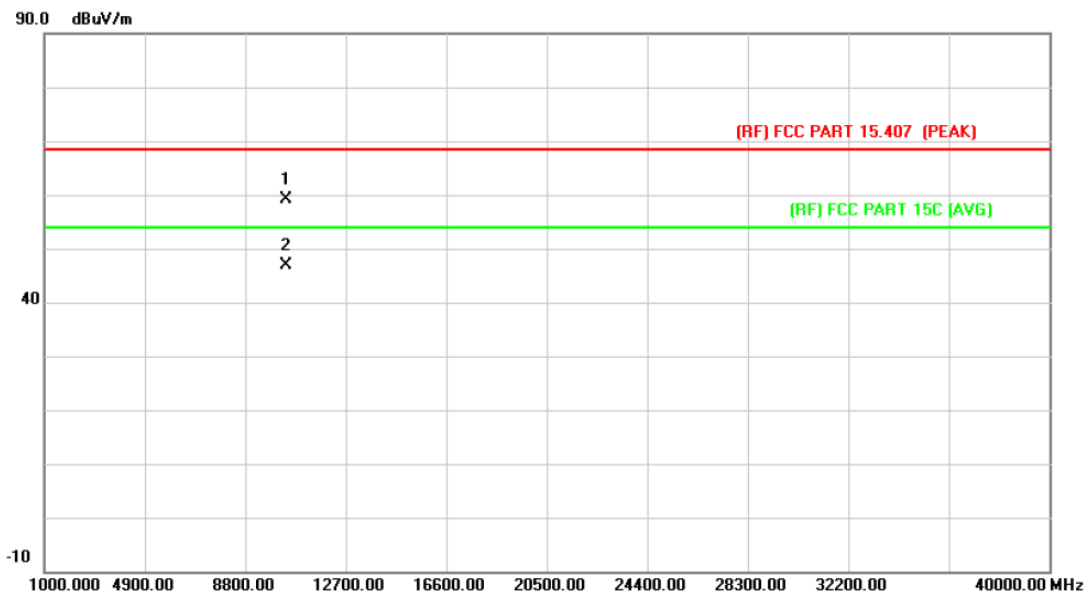
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10399.272	44.12	15.66	59.78	68.30	-8.52	peak
2	*	10401.267	31.18	15.66	46.84	54.00	-7.16	AVG

Emission Level= Read Level+ Correct Factor

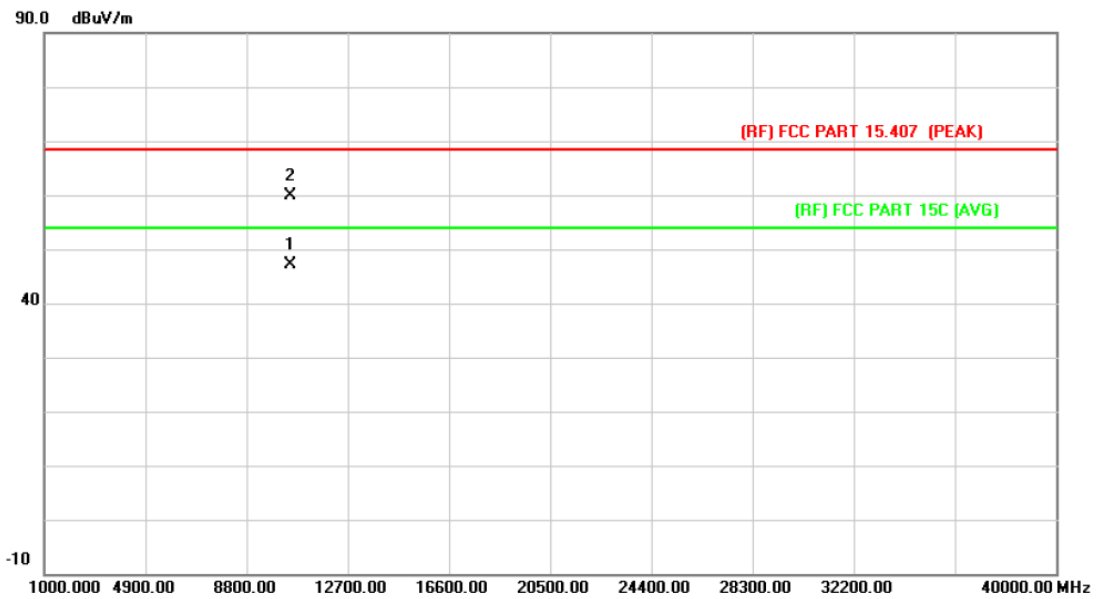
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		10400.067	43.52	15.66	59.18	68.30	-9.12	peak
2	*	10400.480	31.25	15.66	46.91	54.00	-7.09	AVG

Emission Level= Read Level+ Correct Factor

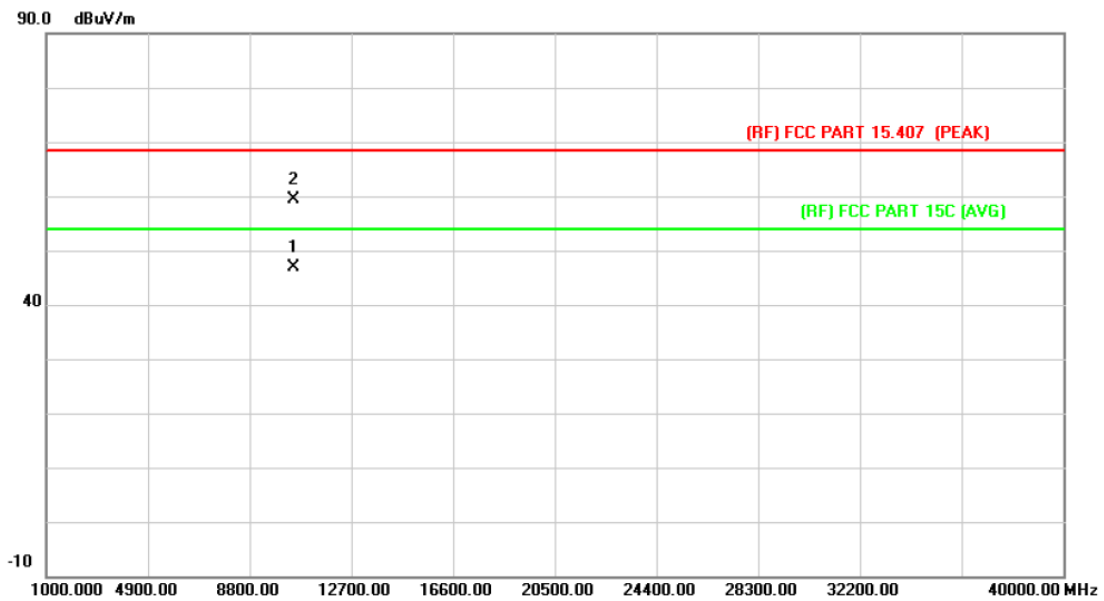
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10480.195	31.22	15.79	47.01	54.00	-6.99	AVG
2		10481.335	43.97	15.79	59.76	68.30	-8.54	peak

Emission Level= Read Level+ Correct Factor

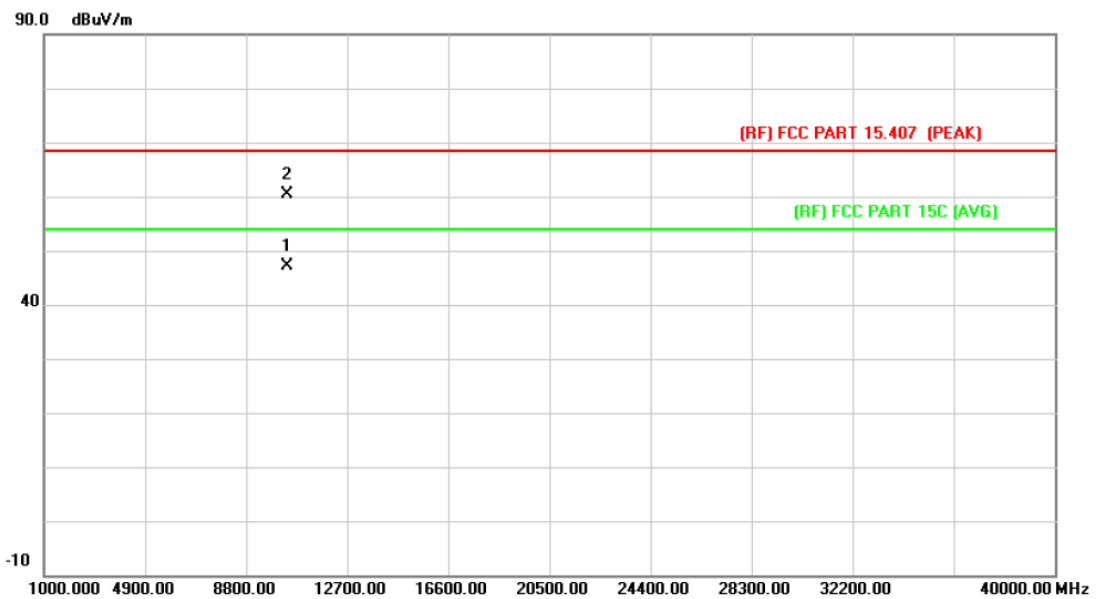
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10480.862	31.19	15.79	46.98	54.00	-7.02	AVG
2		10481.410	43.71	15.79	59.50	68.30	-8.80	peak

Emission Level= Read Level+ Correct Factor

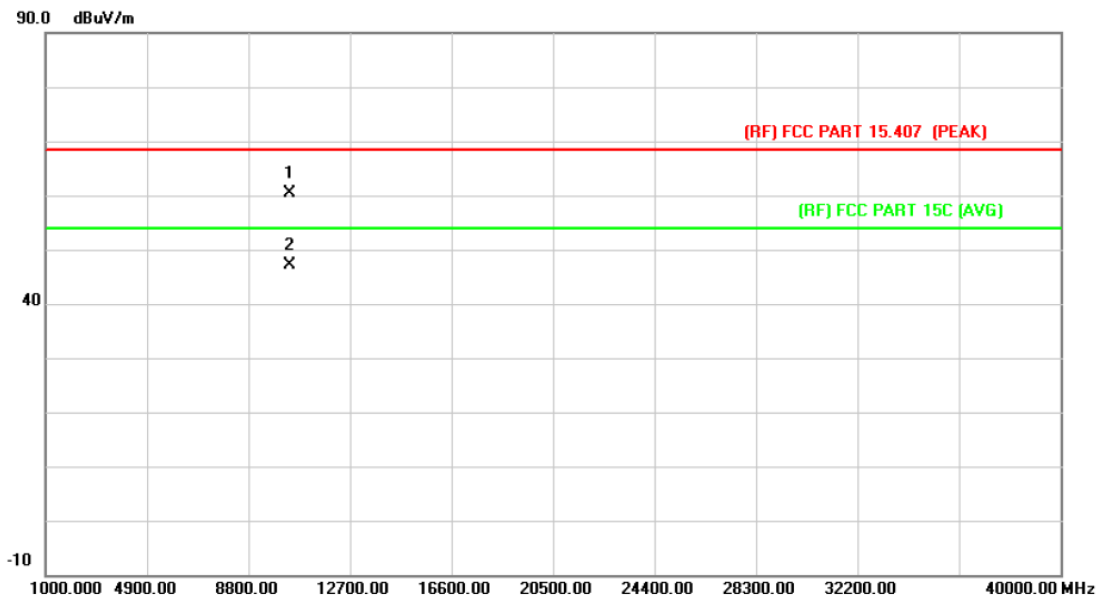
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10380.795	31.45	15.62	47.07	54.00	-6.93	AVG
2		10381.425	44.79	15.62	60.41	68.30	-7.89	peak

Emission Level= Read Level+ Correct Factor

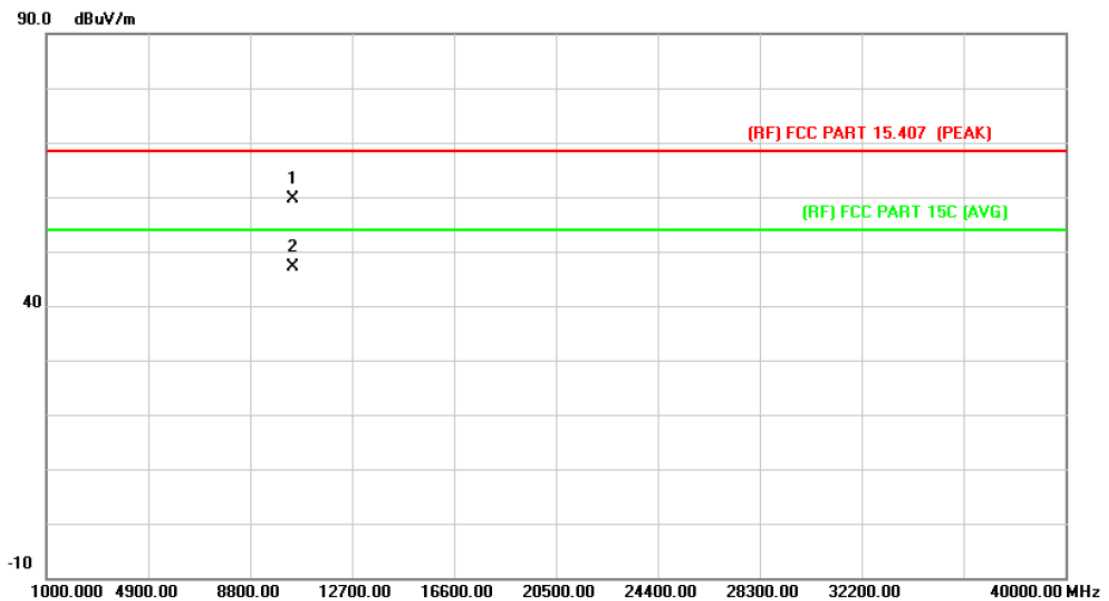
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10379.077	44.71	15.61	60.32	68.30	-7.98	peak
2	*	10380.952	31.44	15.62	47.06	54.00	-6.94	AVG

Emission Level= Read Level+ Correct Factor

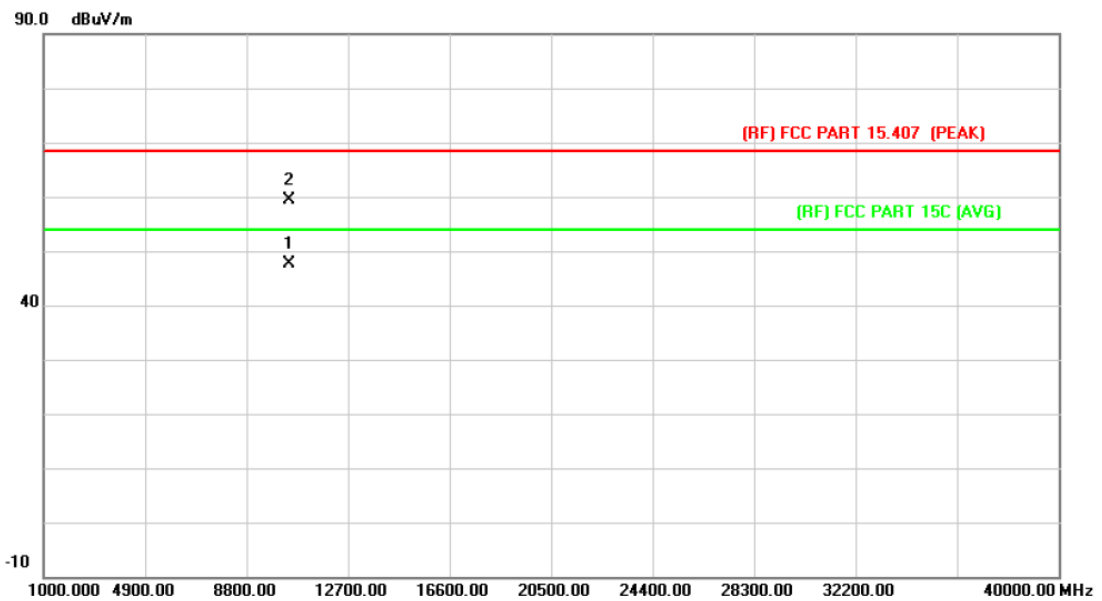
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10461.073	43.95	15.76	59.71	68.30	-8.59	peak
2	*	10461.282	31.36	15.76	47.12	54.00	-6.88	AVG

Emission Level= Read Level+ Correct Factor

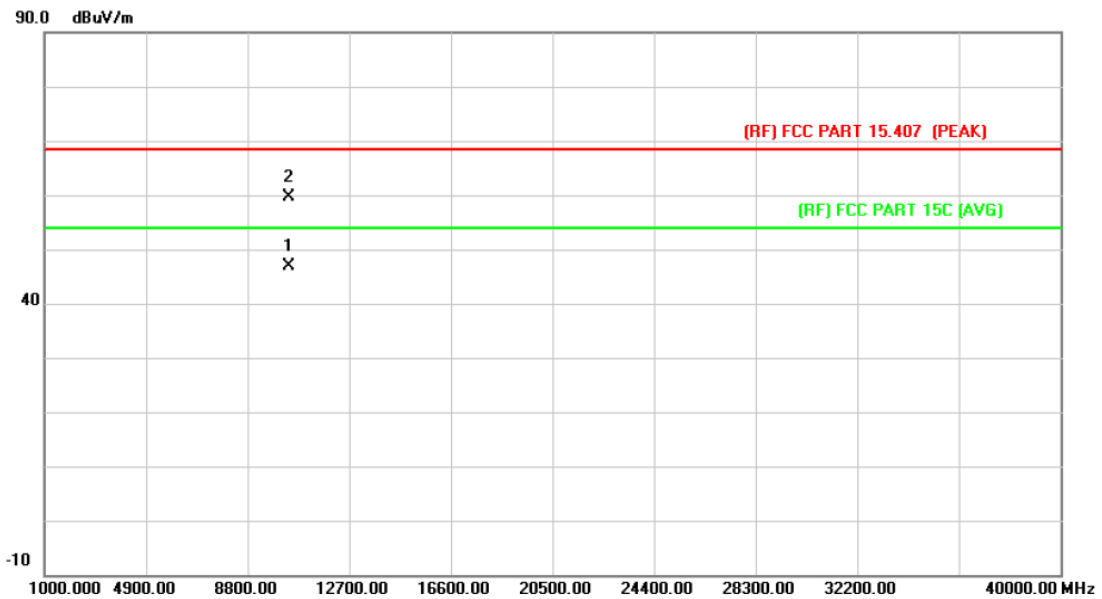
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10459.925	31.81	15.76	47.57	54.00	-6.43	AVG
2		10460.870	43.62	15.76	59.38	68.30	-8.92	peak

Emission Level= Read Level+ Correct Factor

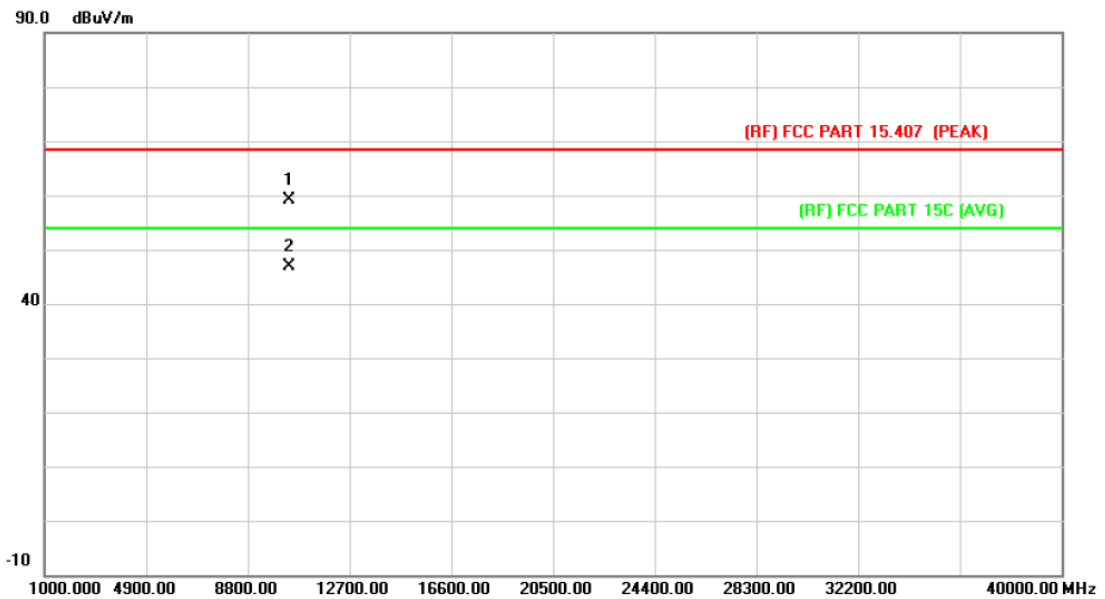
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10380.060	31.32	15.62	46.94	54.00	-7.06	AVG
2		10381.440	44.08	15.62	59.70	68.30	-8.60	peak

Emission Level= Read Level+ Correct Factor

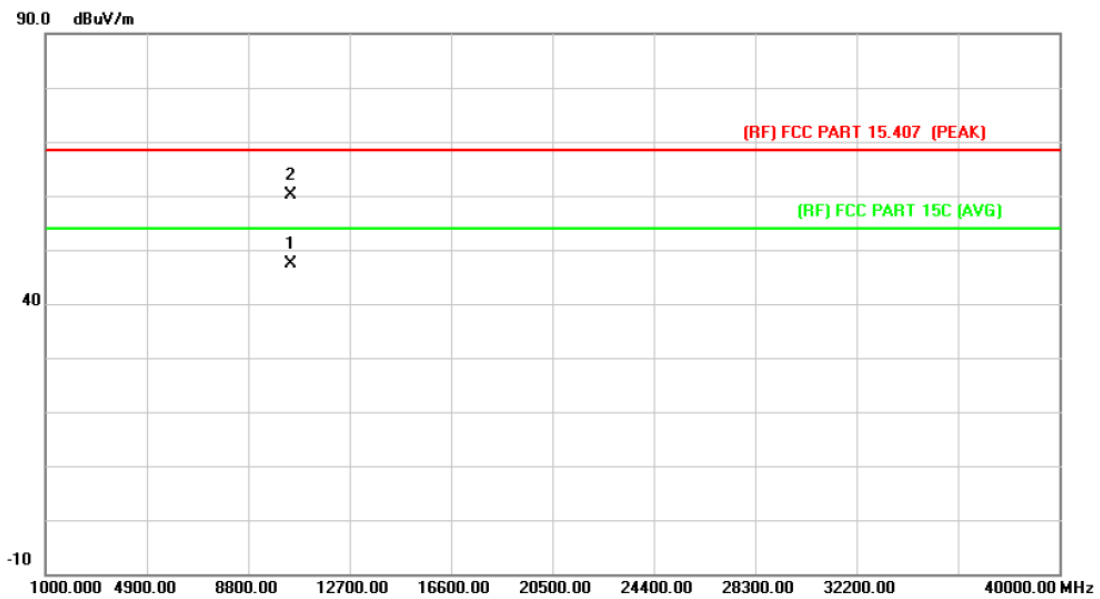
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10380.188	43.59	15.62	59.21	68.30	-9.09	peak
2	*	10380.802	31.34	15.62	46.96	54.00	-7.04	AVG

Emission Level= Read Level+ Correct Factor

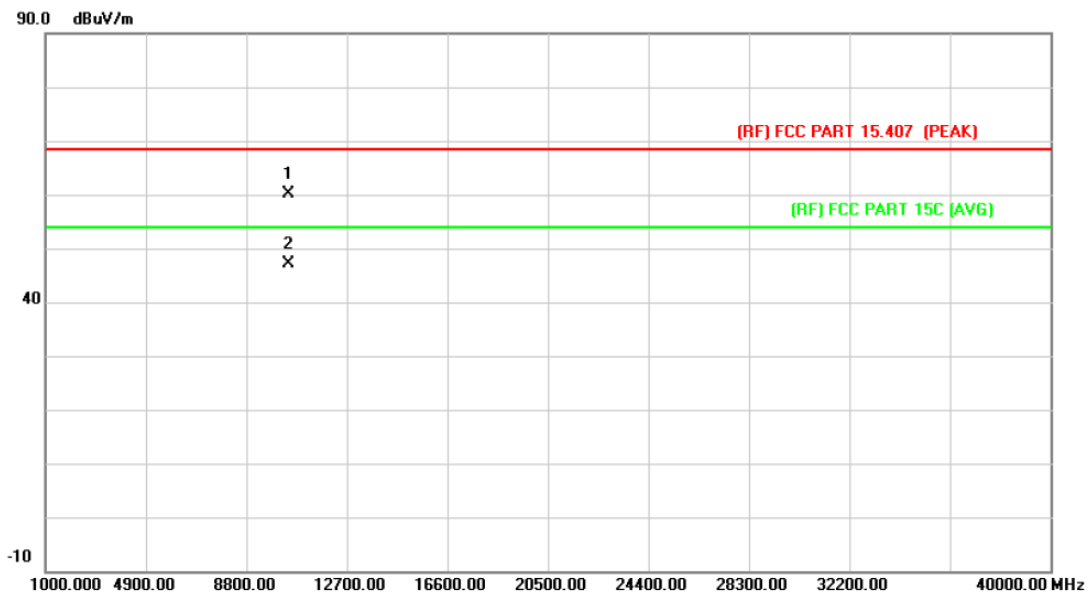
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10460.083	31.72	15.76	47.48	54.00	-6.52	AVG
2		10460.780	44.33	15.76	60.09	68.30	-8.21	peak

Emission Level= Read Level+ Correct Factor

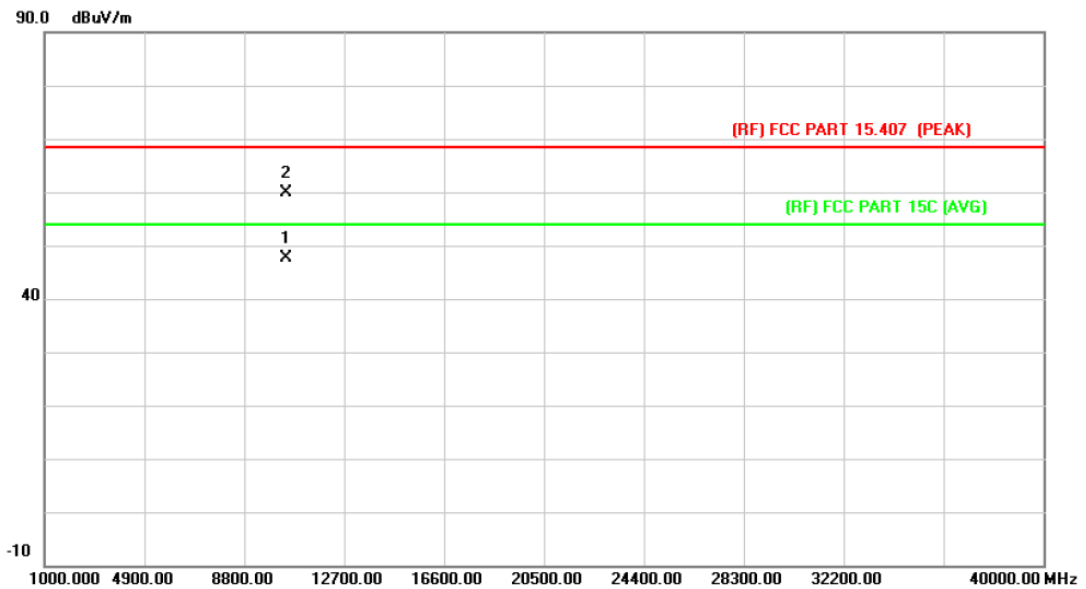
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		10460.458	44.34	15.76	60.10	68.30	-8.20	peak
2	*	10460.878	31.30	15.76	47.06	54.00	-6.94	AVG

Emission Level= Read Level+ Correct Factor

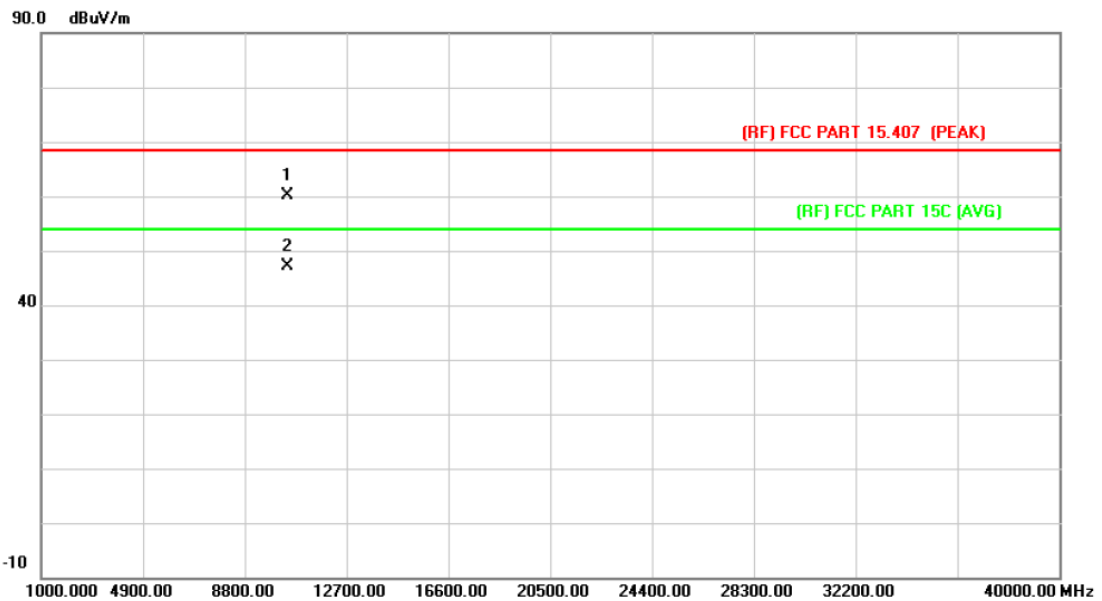
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (80) Mode 5210MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	10419.595	31.93	15.69	47.62	54.00	-6.38	AVG
2		10421.005	44.22	15.69	59.91	68.30	-8.39	peak

Emission Level= Read Level+ Correct Factor

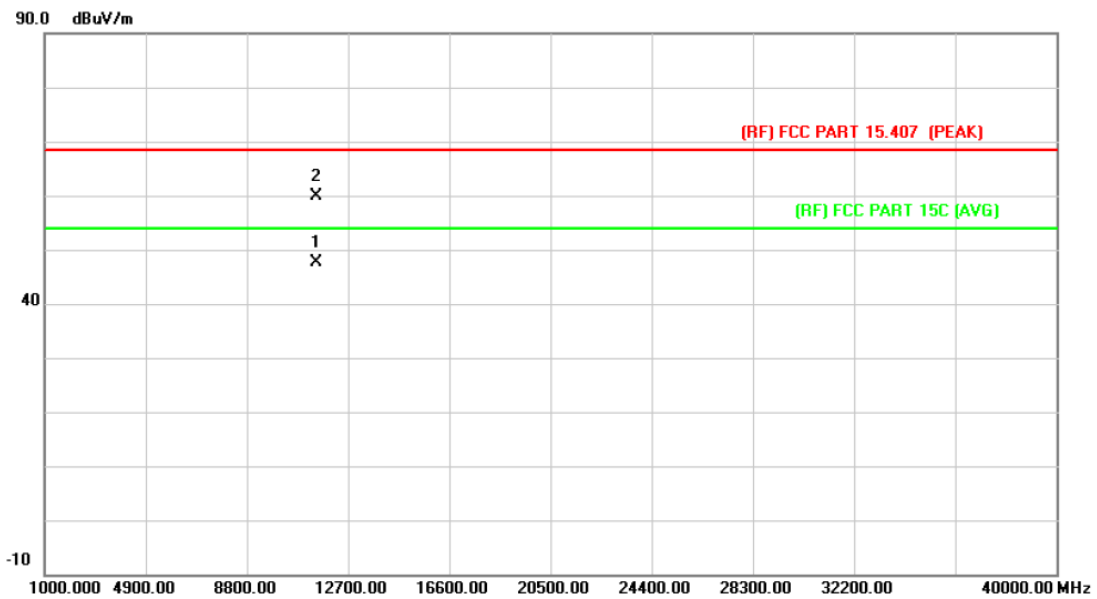
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (80) Mode 5210MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		10418.650	44.43	15.69	60.12	68.30	-8.18	peak
2	*	10420.810	31.40	15.69	47.09	54.00	-6.91	AVG

Emission Level= Read Level+ Correct Factor

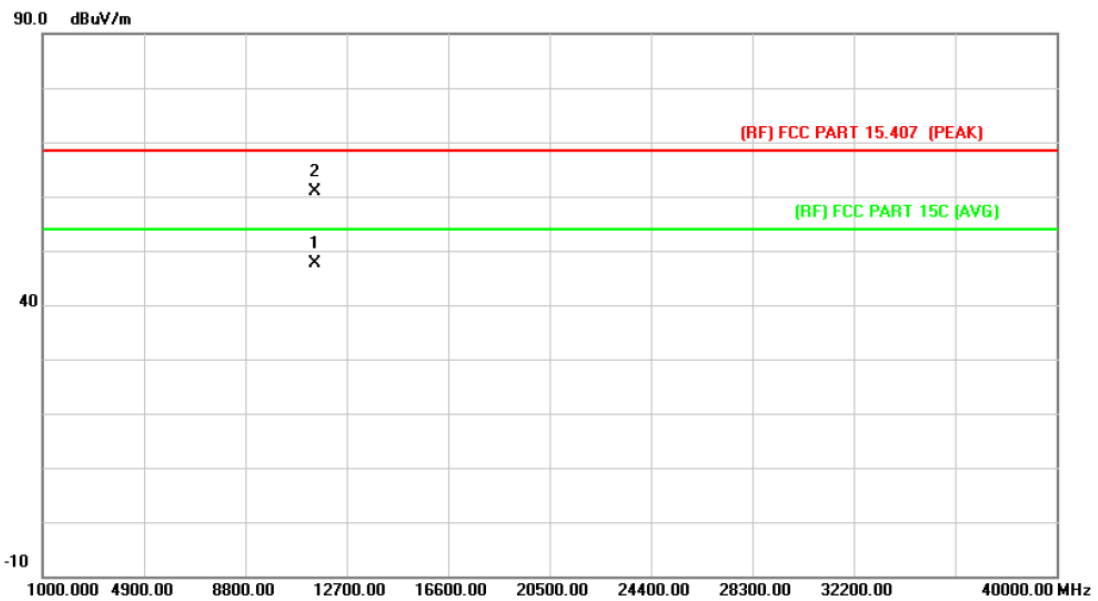
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11488.800	30.95	16.64	47.59	54.00	-6.41	AVG
2		11489.055	43.20	16.64	59.84	68.30	-8.46	peak

Emission Level= Read Level+ Correct Factor

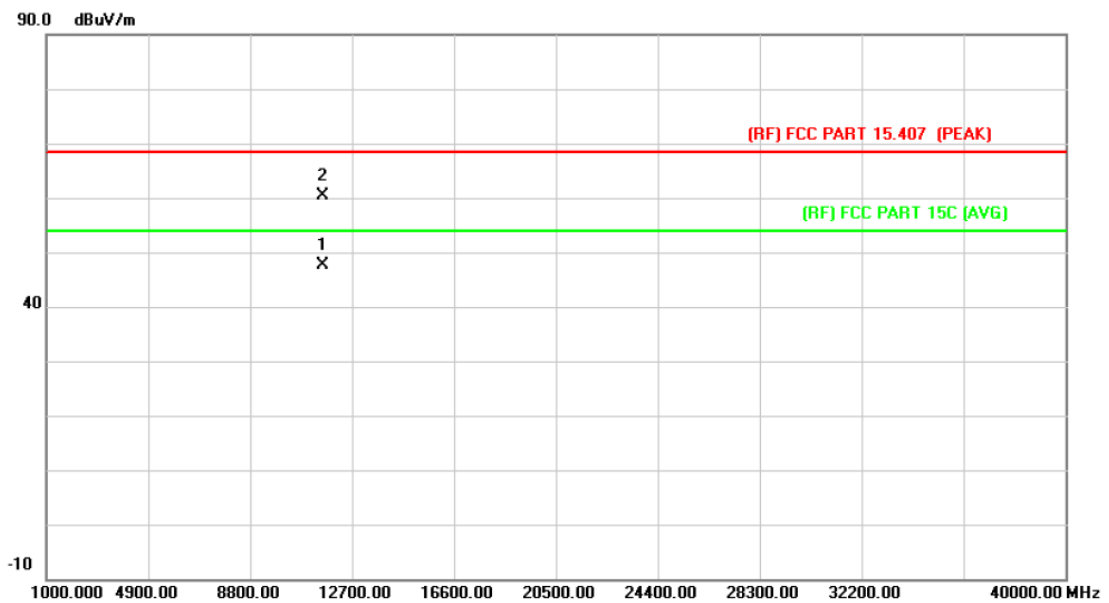
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11489.362	31.02	16.64	47.66	54.00	-6.34	AVG
2		11490.247	44.23	16.64	60.87	68.30	-7.43	peak

Emission Level= Read Level+ Correct Factor

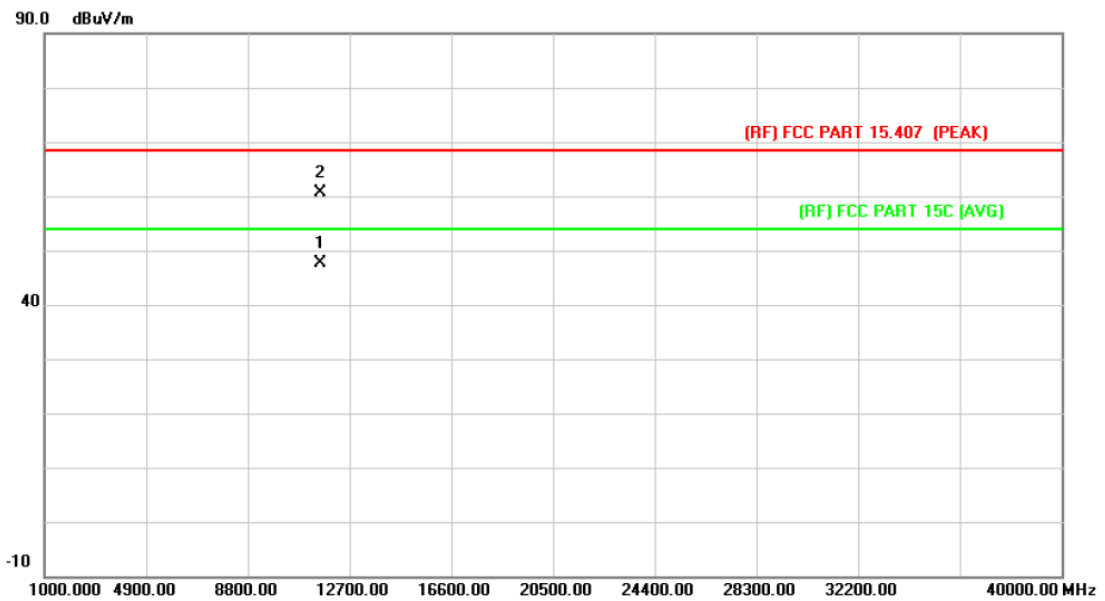
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11568.710	30.78	16.80	47.58	54.00	-6.42	AVG
2		11571.013	43.47	16.80	60.27	68.30	-8.03	peak

Emission Level= Read Level+ Correct Factor

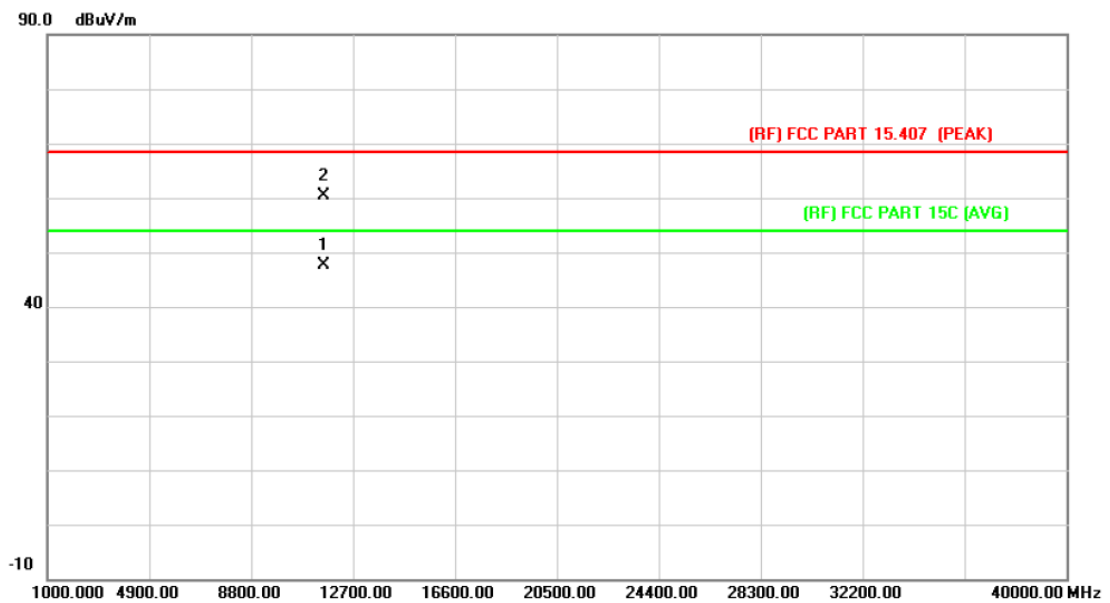
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11568.515	30.92	16.80	47.72	54.00	-6.28	AVG
2		11570.638	43.76	16.80	60.56	68.30	-7.74	peak

Emission Level= Read Level+ Correct Factor

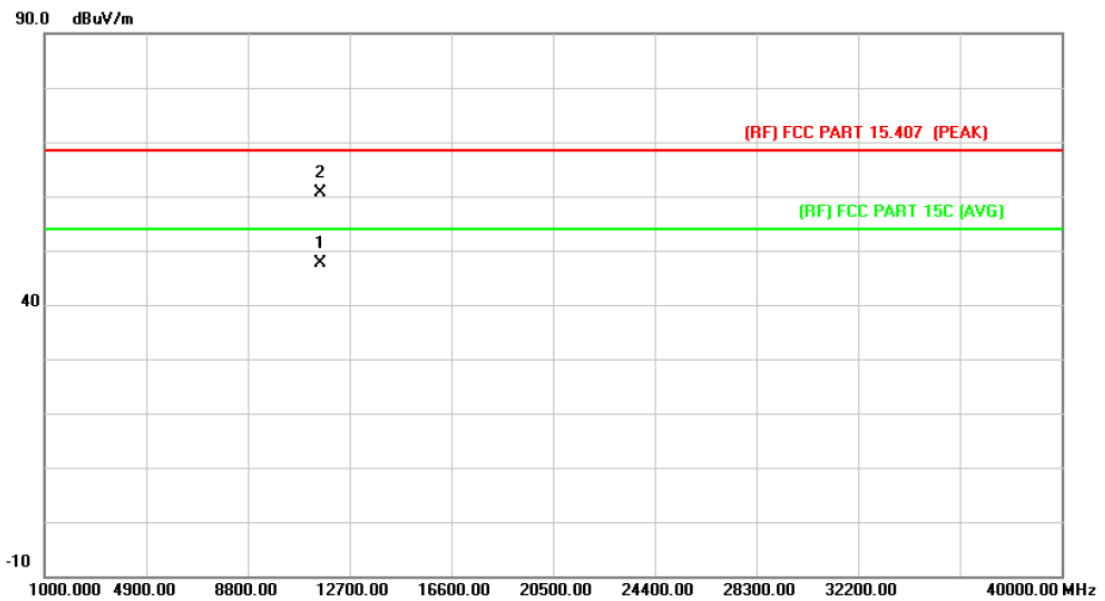
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11568.710	30.78	16.80	47.58	54.00	-6.42	AVG
2		11571.013	43.47	16.80	60.27	68.30	-8.03	peak

Emission Level= Read Level+ Correct Factor

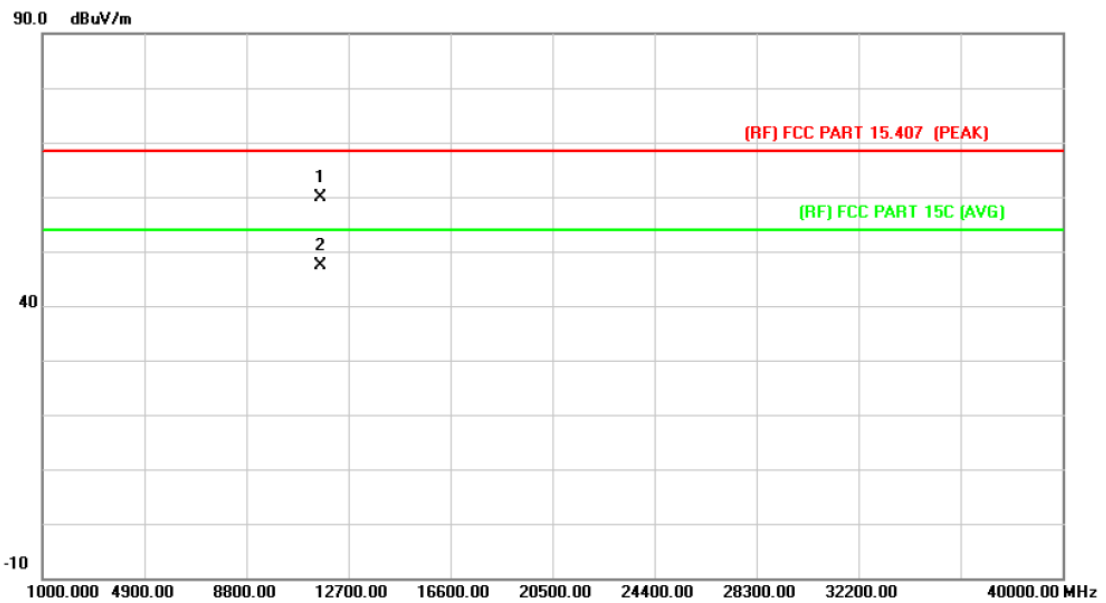
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11568.515	30.92	16.80	47.72	54.00	-6.28	AVG
2		11570.638	43.76	16.80	60.56	68.30	-7.74	peak

Emission Level= Read Level+ Correct Factor

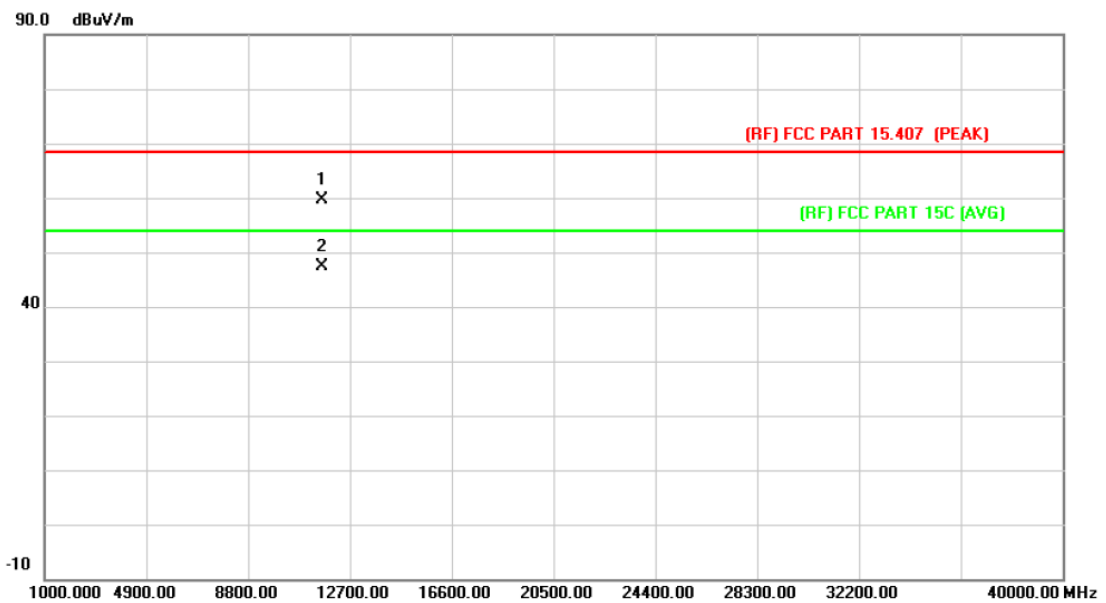
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11648.913	42.80	16.98	59.78	68.30	-8.52	peak
2	*	11649.603	30.44	16.99	47.43	54.00	-6.57	AVG

Emission Level= Read Level+ Correct Factor

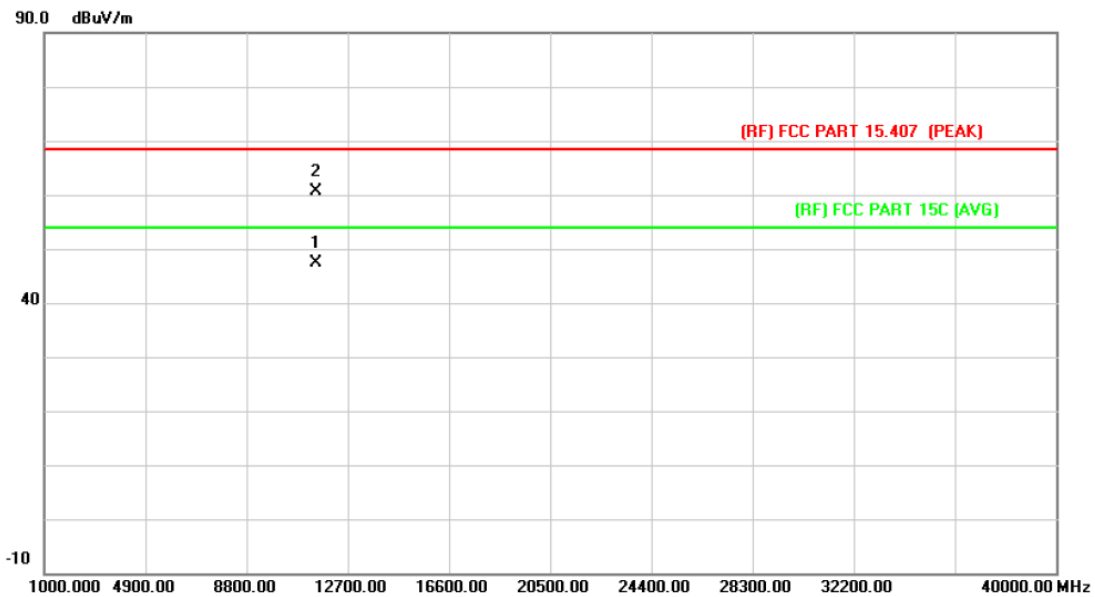
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11650.045	42.76	16.99	59.75	68.30	-8.55	peak
2	*	11650.240	30.41	16.99	47.40	54.00	-6.60	AVG

Emission Level= Read Level+ Correct Factor

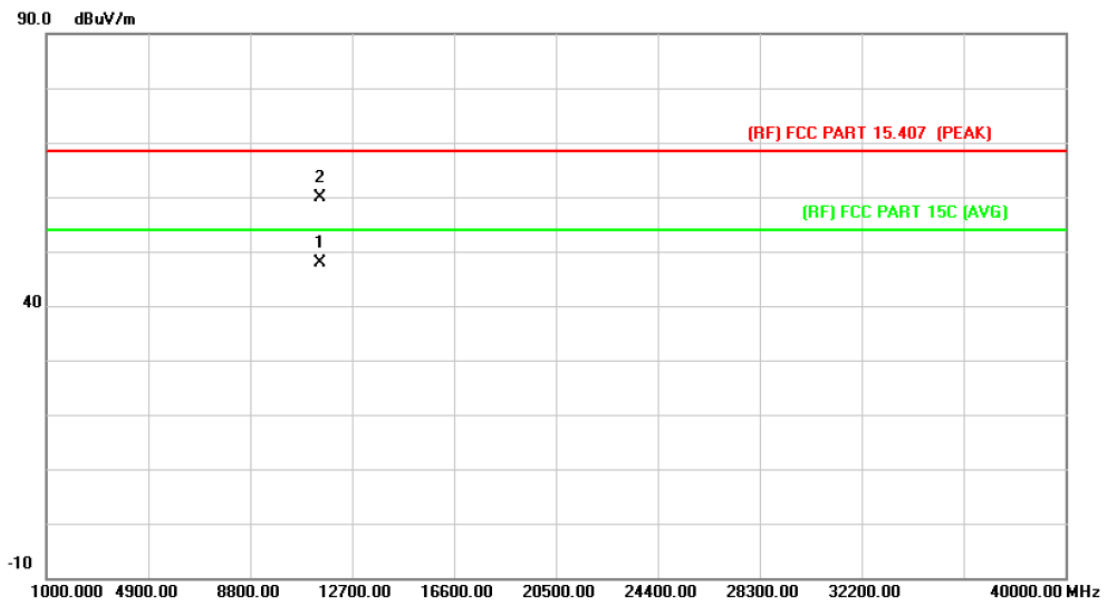
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11488.657	30.65	16.64	47.29	54.00	-6.71	AVG
2		11490.660	44.09	16.64	60.73	68.30	-7.57	peak

Emission Level= Read Level+ Correct Factor

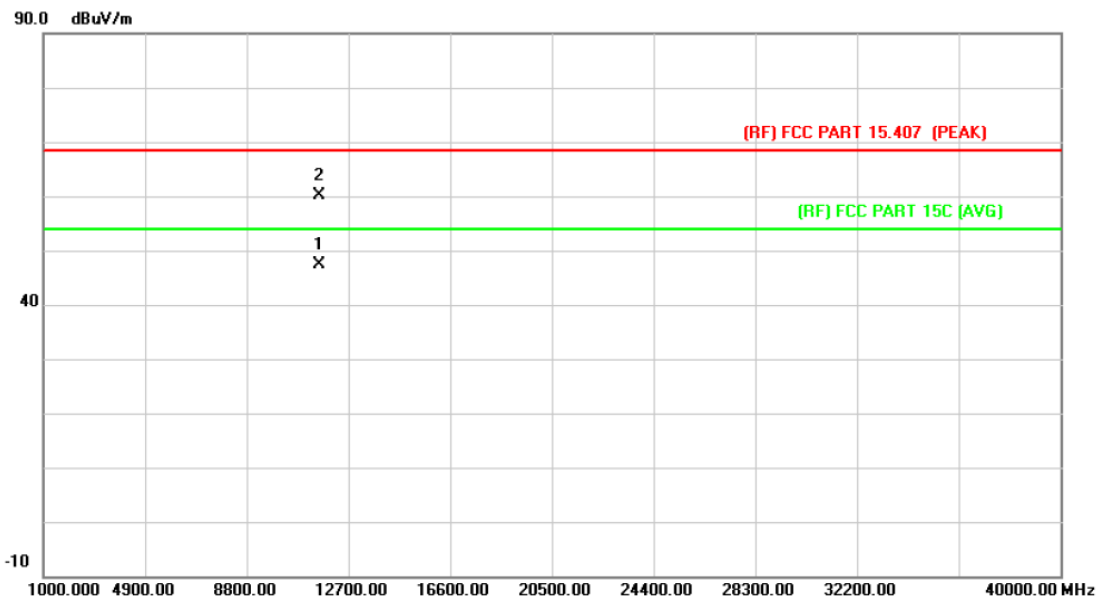
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11488.800	31.27	16.64	47.91	54.00	-6.09	AVG
2		11489.257	43.34	16.64	59.98	68.30	-8.32	peak

Emission Level= Read Level+ Correct Factor

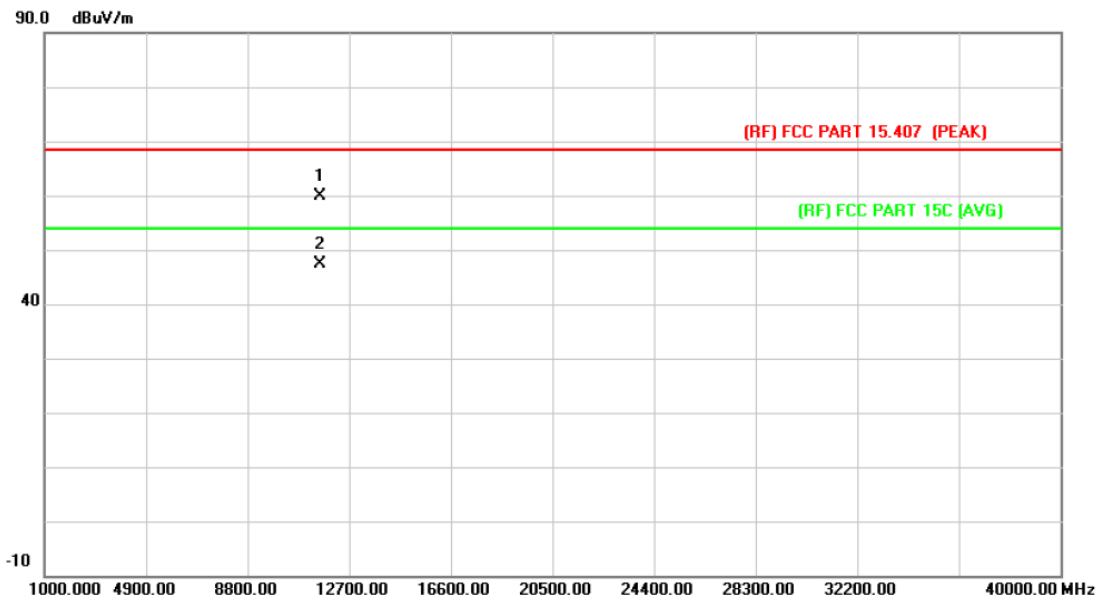
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11569.392	30.66	16.80	47.46	54.00	-6.54	AVG
2		11569.903	43.41	16.80	60.21	68.30	-8.09	peak

Emission Level= Read Level+ Correct Factor

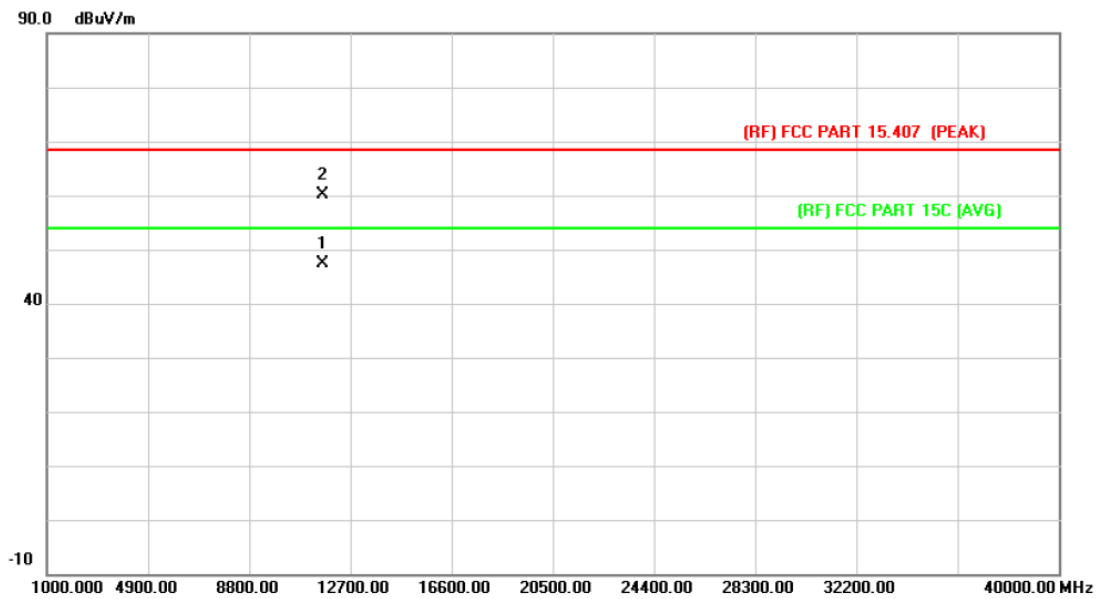
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.180	43.03	16.80	59.83	68.30	-8.47	peak
2	*	11571.177	30.60	16.80	47.40	54.00	-6.60	AVG

Emission Level= Read Level+ Correct Factor

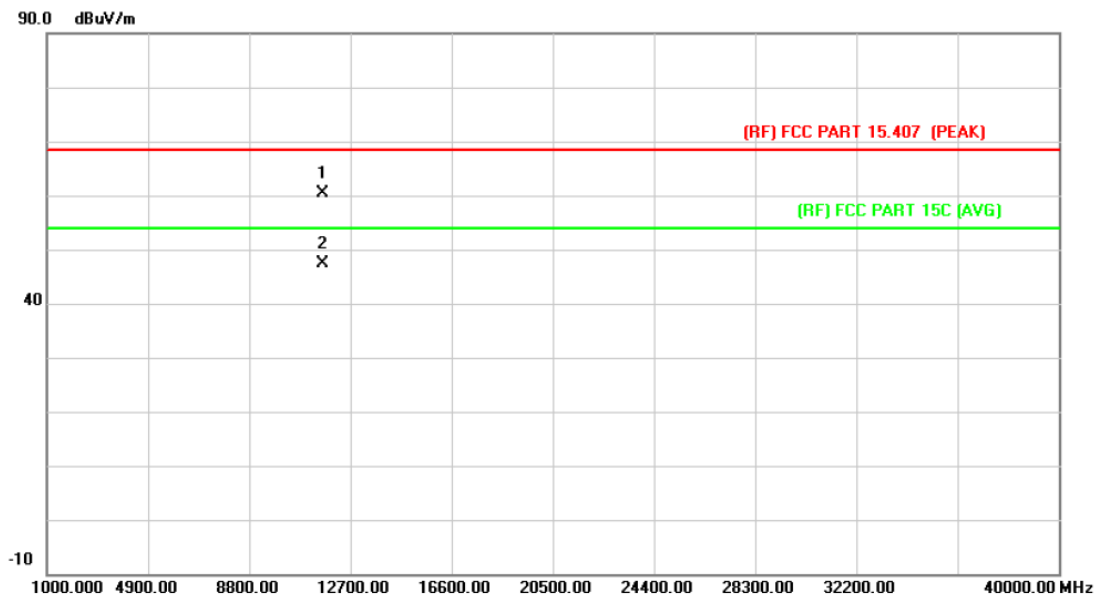
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11649.895	30.37	16.99	47.36	54.00	-6.64	AVG
2		11650.188	43.20	16.99	60.19	68.30	-8.11	peak

Emission Level= Read Level+ Correct Factor

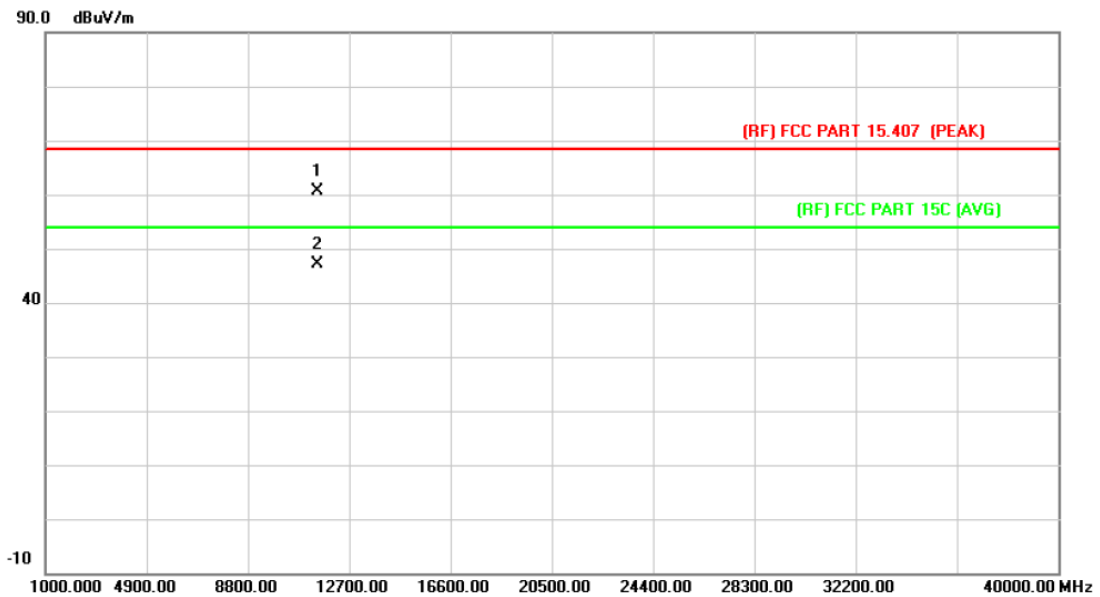
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		11648.823	43.41	16.98	60.39	68.30	-7.91	peak
2	*	11650.060	30.33	16.99	47.32	54.00	-6.68	AVG

Emission Level= Read Level+ Correct Factor

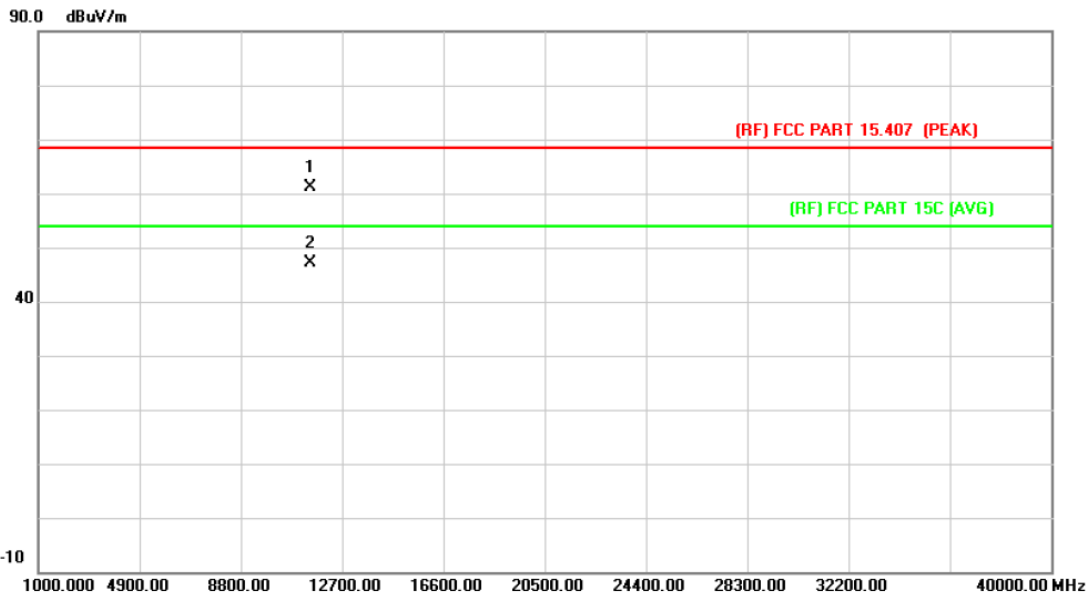
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11489.392	44.07	16.64	60.71	68.30	-7.59	peak
2	*	11489.827	30.60	16.64	47.24	54.00	-6.76	AVG

Emission Level= Read Level+ Correct Factor

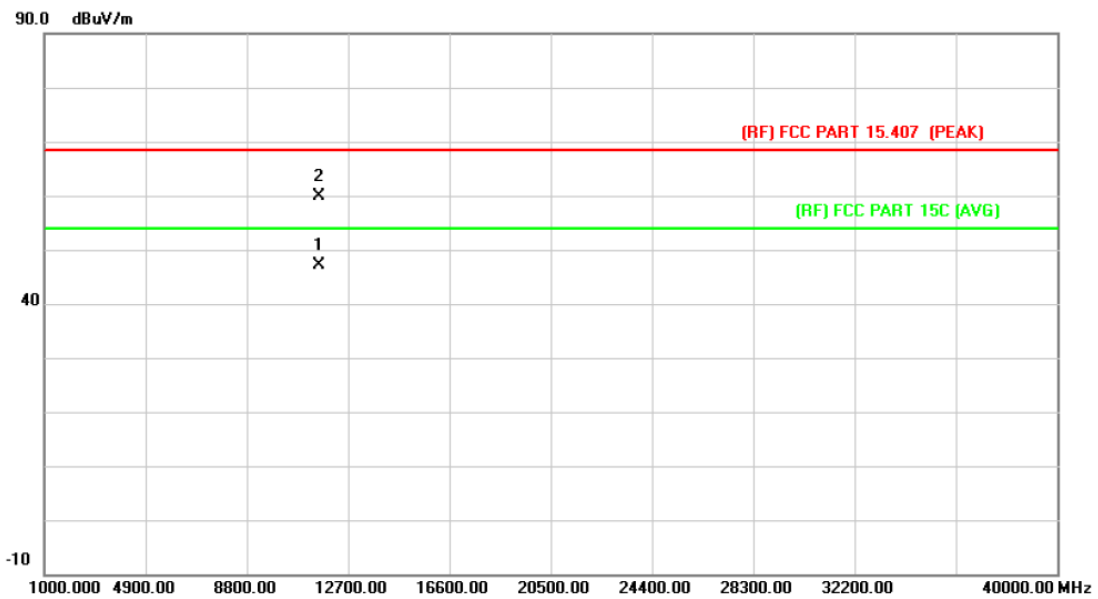
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11488.560	44.43	16.63	61.06	68.30	-7.24	peak
2	*	11488.635	30.43	16.63	47.06	54.00	-6.94	AVG

Emission Level= Read Level+ Correct Factor

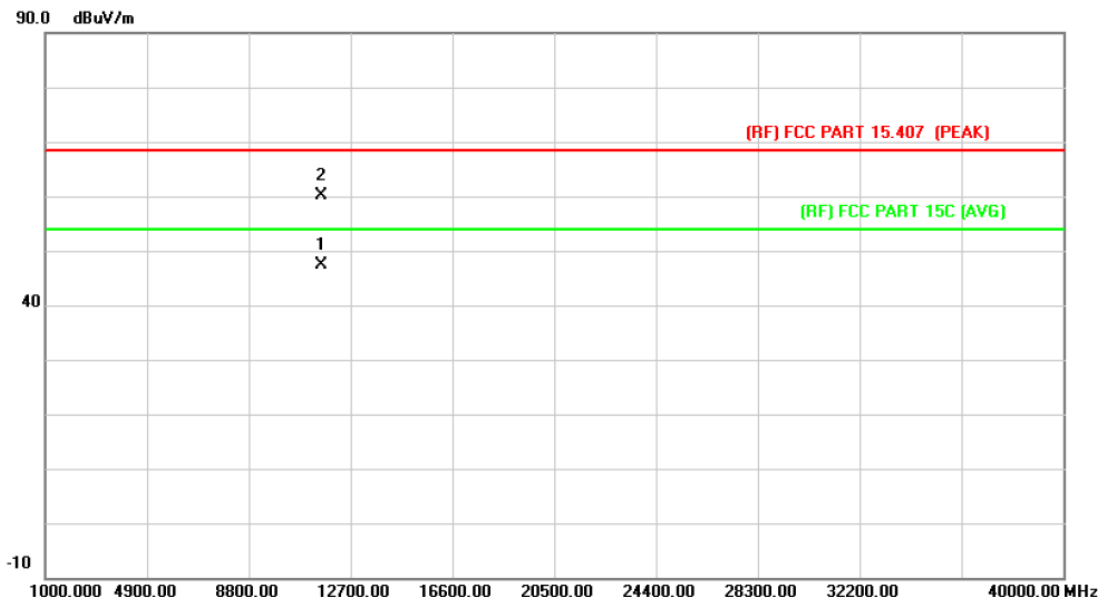
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11569.722	30.42	16.80	47.22	54.00	-6.78	AVG
2		11570.060	42.97	16.80	59.77	68.30	-8.53	peak

Emission Level= Read Level+ Correct Factor

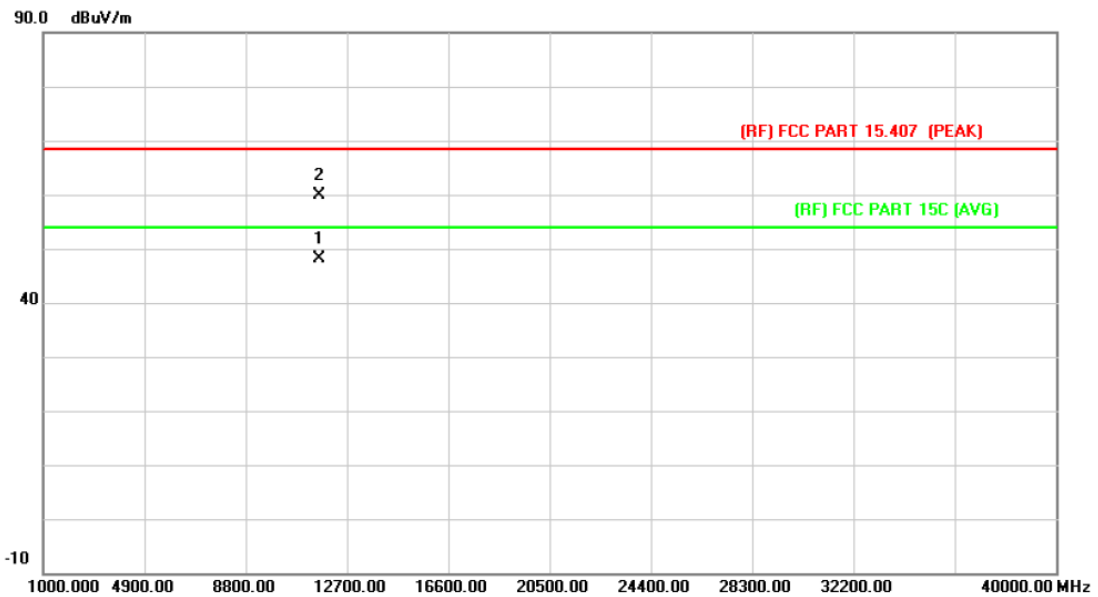
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11568.560	30.67	16.80	47.47	54.00	-6.53	AVG
2		11569.640	43.23	16.80	60.03	68.30	-8.27	peak

Emission Level= Read Level+ Correct Factor

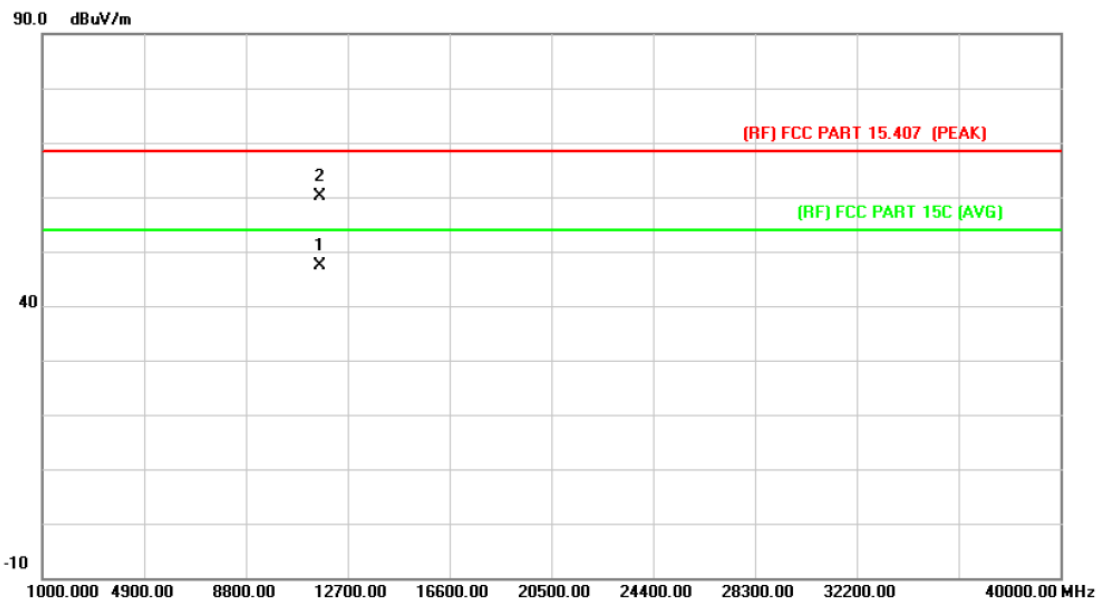
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11650.345	31.24	16.99	48.23	54.00	-5.77	AVG
2		11650.600	42.78	16.99	59.77	68.30	-8.53	peak

Emission Level= Read Level+ Correct Factor

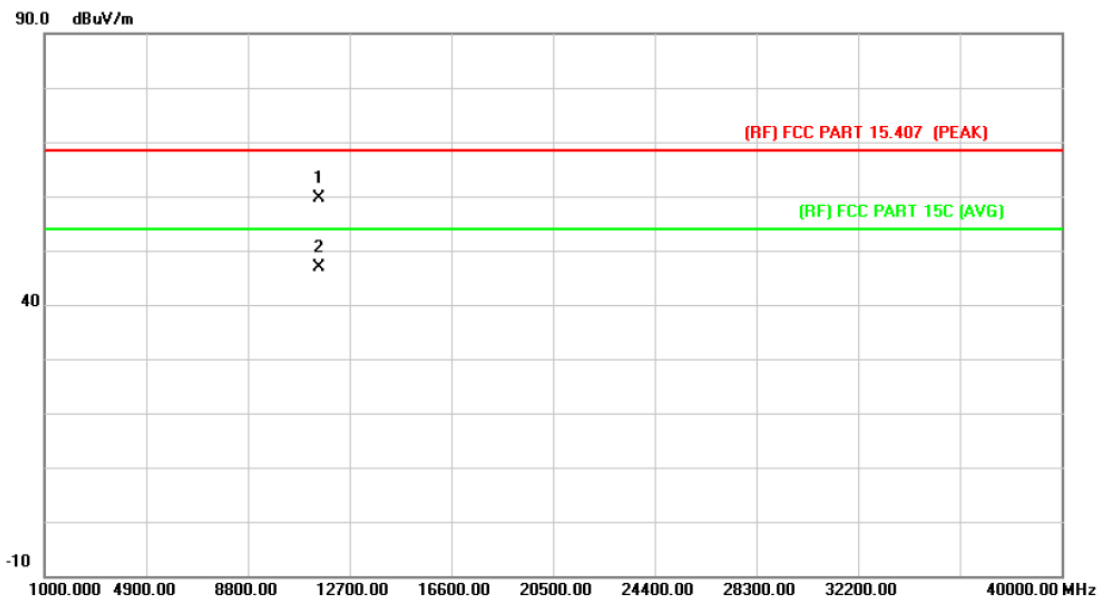
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11650.480	30.40	16.99	47.39	54.00	-6.61	AVG
2		11651.125	43.13	16.99	60.12	68.30	-8.18	peak

Emission Level= Read Level+ Correct Factor

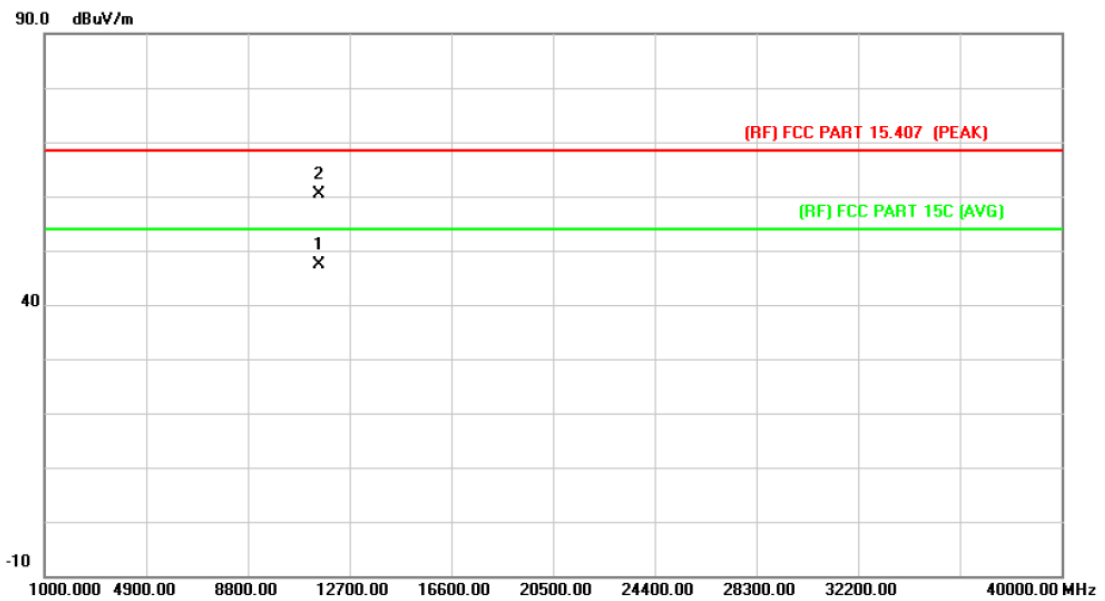
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11510.487	43.05	16.67	59.72	68.30	-8.58	peak
2	*	11511.155	30.27	16.67	46.94	54.00	-7.06	AVG

Emission Level= Read Level+ Correct Factor

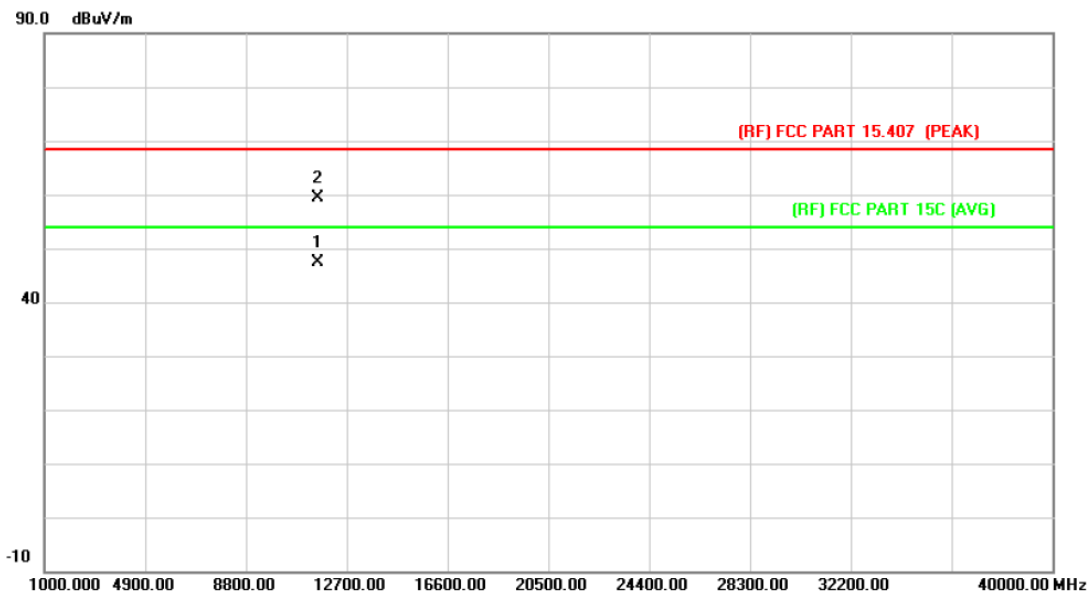
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11510.038	30.78	16.66	47.44	54.00	-6.56	AVG
2		11510.517	43.70	16.67	60.37	68.30	-7.93	peak

Emission Level= Read Level+ Correct Factor

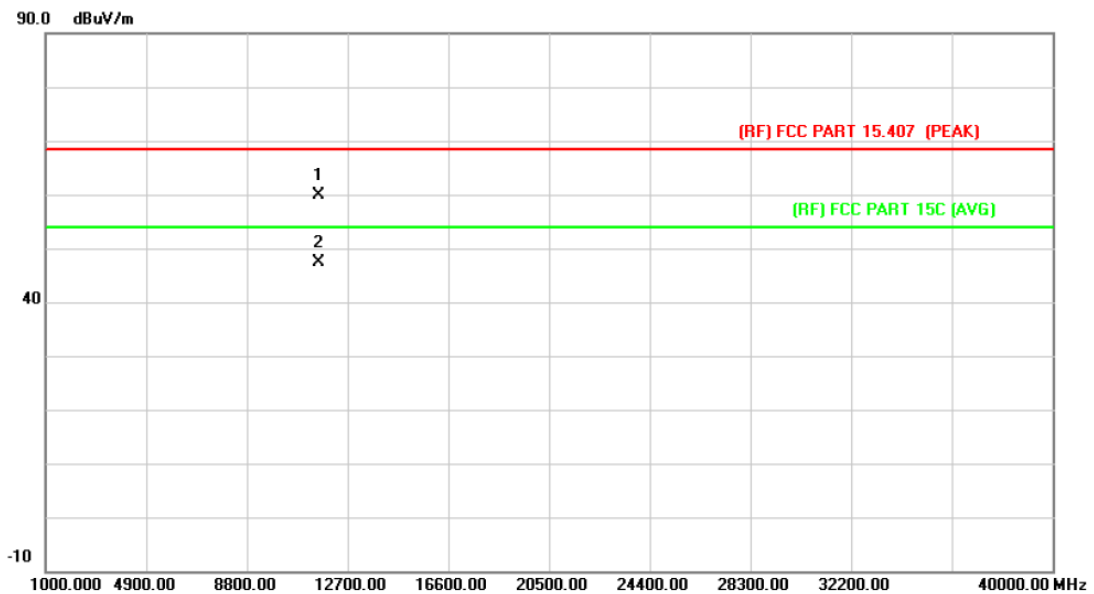
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11589.438	30.43	16.85	47.28	54.00	-6.72	AVG
2		11590.030	42.45	16.85	59.30	68.30	-9.00	peak

Emission Level= Read Level+ Correct Factor

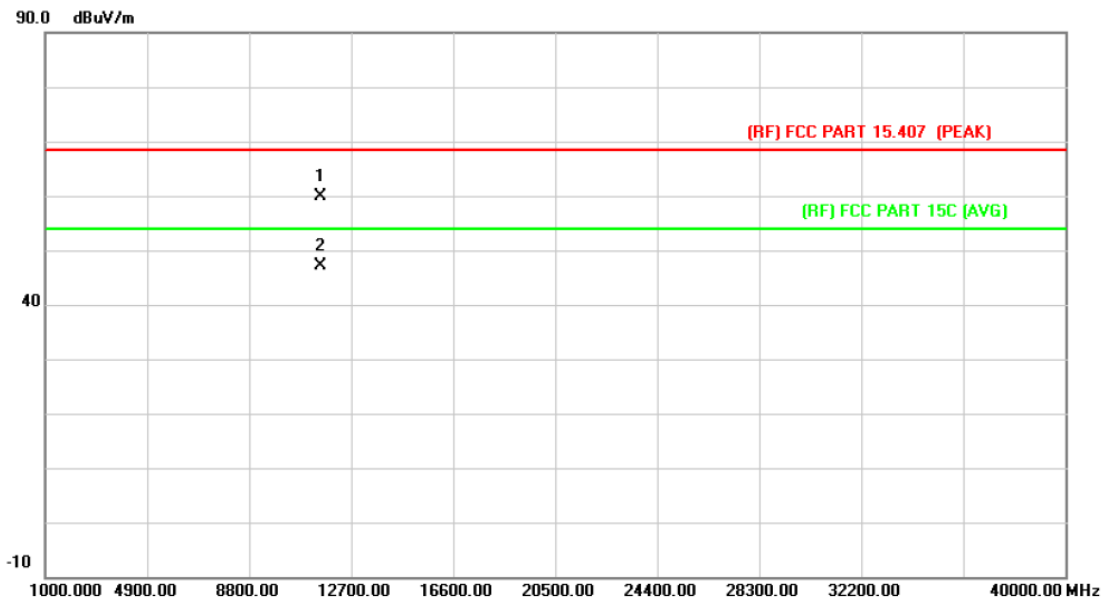
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		11590.653	42.95	16.85	59.80	68.30	-8.50	peak
2	*	11590.735	30.53	16.85	47.38	54.00	-6.62	AVG

Emission Level= Read Level+ Correct Factor

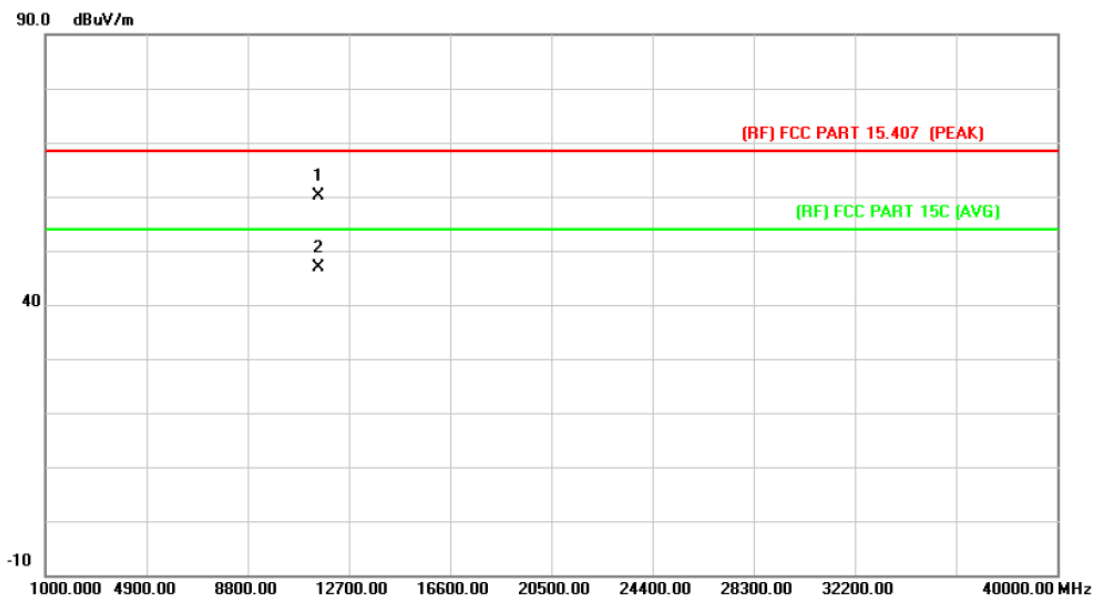
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		11508.688	43.17	16.66	59.83	68.30	-8.47	peak
2	*	11508.815	30.47	16.66	47.13	54.00	-6.87	AVG

Emission Level= Read Level+ Correct Factor

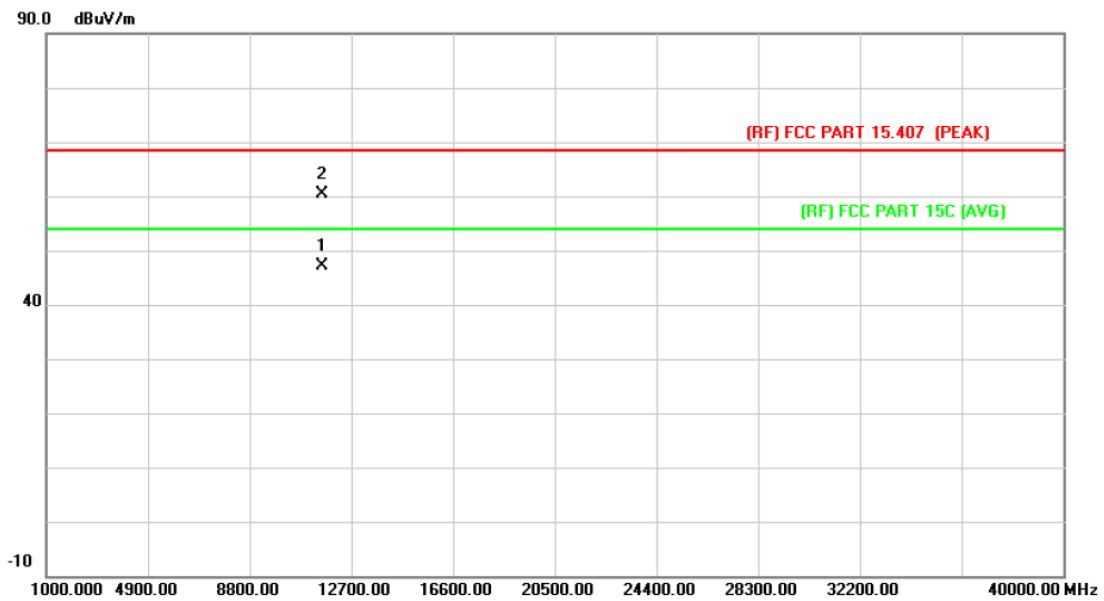
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		11508.837	43.35	16.66	60.01	68.30	-8.29	peak
2	*	11510.188	30.10	16.66	46.76	54.00	-7.24	AVG

Emission Level= Read Level+ Correct Factor

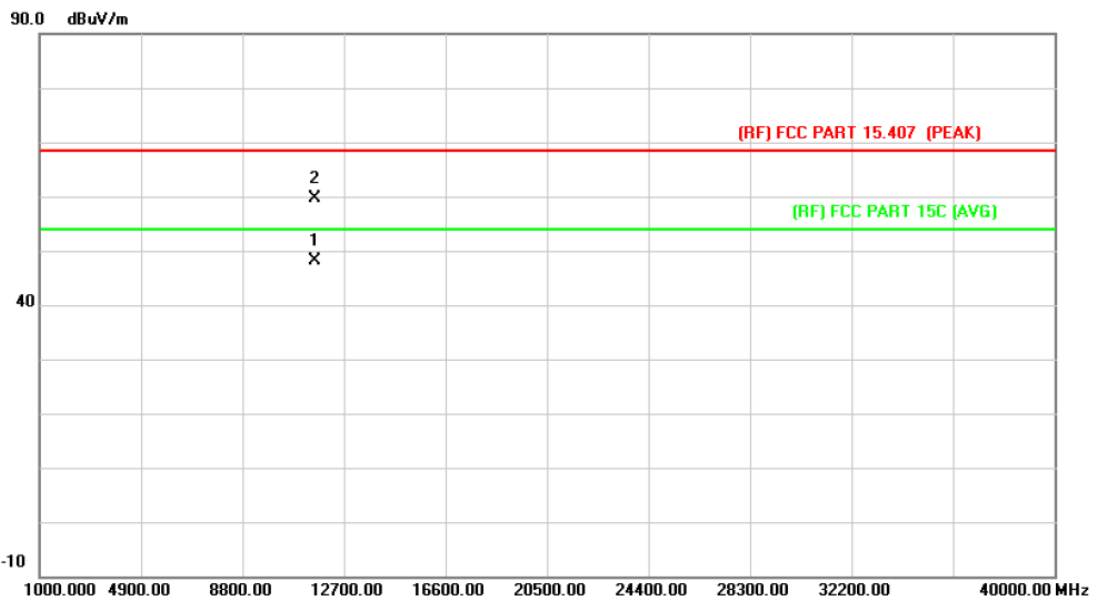
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11590.570	30.32	16.85	47.17	54.00	-6.83	AVG
2		11590.990	43.52	16.85	60.37	68.30	-7.93	peak

Emission Level= Read Level+ Correct Factor

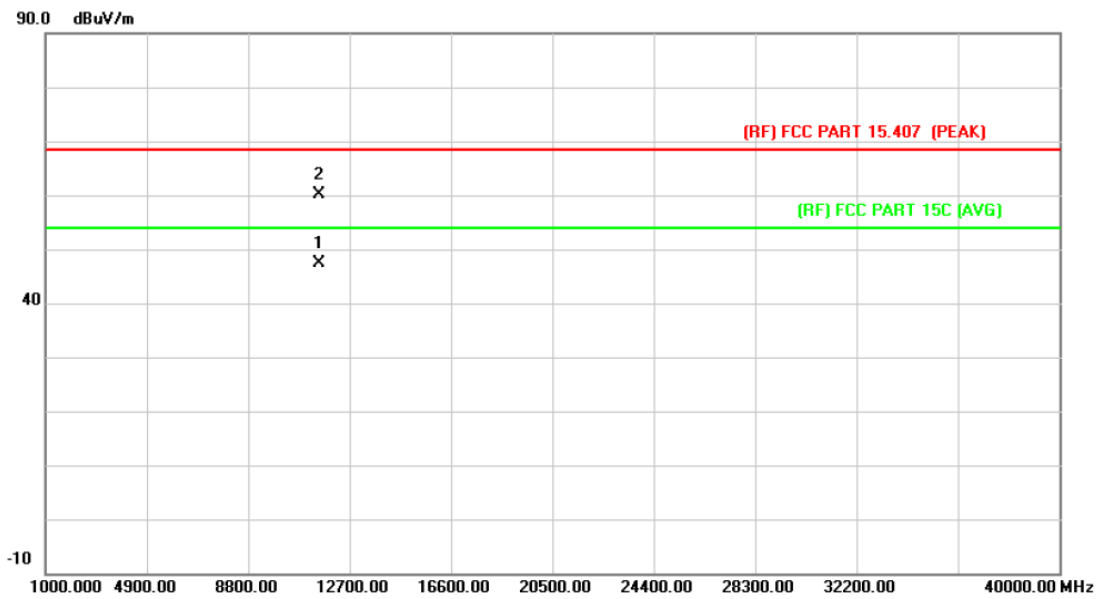
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	11590.225	31.17	16.85	48.02	54.00	-5.98	AVG
2		11591.042	42.88	16.85	59.73	68.30	-8.57	peak

Emission Level= Read Level+ Correct Factor

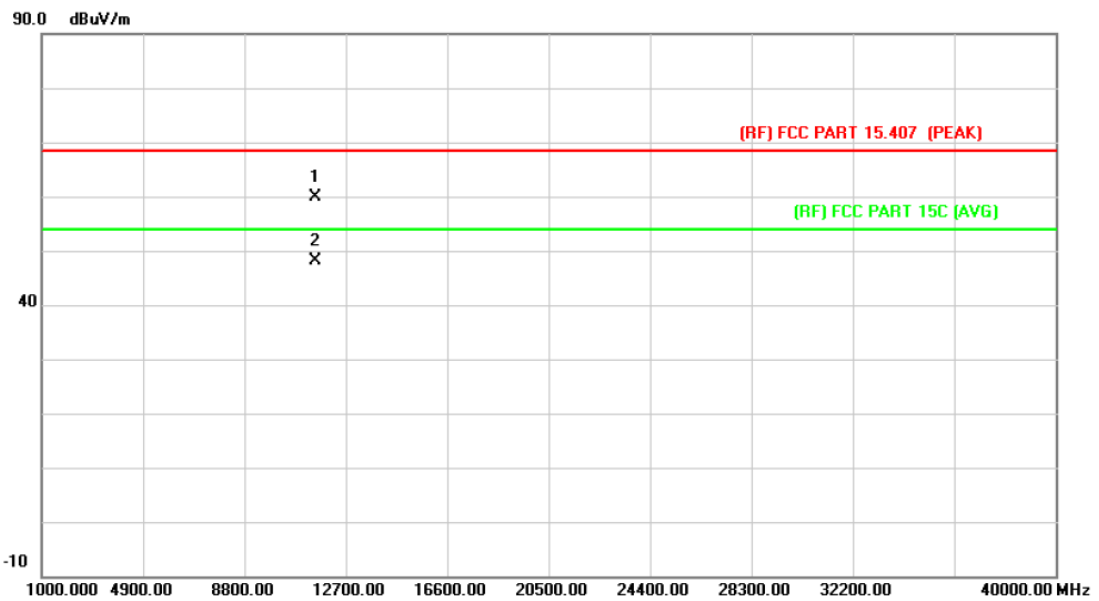
EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(80) Mode 5775MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	11549.317	30.60	16.75	47.35	54.00	-6.65	AVG
2		11551.163	43.50	16.75	60.25	68.30	-8.05	peak

Emission Level= Read Level+ Correct Factor

EUT:	ScreenBeam 802.11 a/b/g/n/ac WiFi Module	Model Name :	SBRT8812AU
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(80) Mode 5775MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11548.770	43.11	16.75	59.86	68.30	-8.44	peak
2	*	11549.948	31.37	16.75	48.12	54.00	-5.88	AVG

Emission Level= Read Level+ Correct Factor