



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR251200329804

Page: 1 of 137

TEST REPORT

Application No.: SHCR2512003298HS
FCC ID: 2BA2LG7
Applicant: MGI Golf Inc
Address of Applicant: 6825 Speedway Blvd Suite #B101B Las Vegas, NEVADA 89115
Manufacturer: CADDIESTER GOLF BUGGY TECHNOLOGY LTD
Address of Manufacturer: NO.16-8 TONGZI RIVER WEST ROAD, ZHONGLOU DEVELOPMENT DIST, CHANGZHOU, CHINA
Factory: CADDIESTER GOLF BUGGY TECHNOLOGY LTD
Address of Factory: NO.16-8 TONGZI RIVER WEST ROAD, ZHONGLOU DEVELOPMENT DIST, CHANGZHOU, CHINA
Equipment Under Test (EUT):
EUT Name: Golf Trolley
Model No.: NAVIGATOR Ai, AI NAVIGATOR HALO
Trade Mark: MGI
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-12-15
Date of Test: 2026-02-03 to 2026-02-25
Date of Issue: 2026-03-03

Test Result:

Pass*

* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Member of the SGS Group (SGS SA)



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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Revision Record			
Version	Description	Date	Remark
00	Add test data for new model	2026-03-03	Based on SHCR230300042404

Authorized for issue by:				
Tested By		Wade Zhang		
		Wade Zhang/Project Engineer		
Approved By		Parlam Zhan		
		Parlam Zhan / Reviewer		

2 Test Summary

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Radiated Emissions (Below 1GHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass

Note1: There are series models mentioned in this report, and they are the similar in electrical and electronic characters. We test the new model AI NAVIGATOR HALO since their differences in appearance and minor circuitry for non-transmitter (refer more to the Declaration Letter about Identity of Products).

Note2: Considering to the difference, pre-scan was performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest. This report only RSE was fully retested on model AI NAVIGATOR HALO and shown the data in new report SHCR251200329804, other test data in this report are refer to original report SHCR230300042404.

Note3: This test report (Ref. No.: SHCR251200329804) is only valid with the original test report (Ref. No.: SHCR230300042404)

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC24V 10.4Ah Li-ion Battery Charger Model: FLC-108 Input: AC100-240V 50/60Hz 1.5A Max Output: DC 28.8V 2.0A & DC5V 0.5A
Test voltage:	DC 24V
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Channel Spacing:	802.11a/n(HT20): 20MHz; 802.11n(HT40): 40MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	FPC Antenna
Antenna Gain:	3.8 dBi (Provided by manufacturer)

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	LENOVO	L460	-
Router	NETGEAR	RAX50	-
SecureCRT	VanDyke	V 6.2.0	-
Serial port adapter plate	-	Test Plate 3	-

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4×10^{-8}
2	Timeout	2s
3	Duty cycle	0.4%
4	Occupied Bandwidth	3%
5	RF conducted power	0.6dB
6	RF power density	2.9dB
7	Conducted Spurious emissions	0.75dB
8	RF Radiated power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
9	Radiated Spurious emission test	4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		4.8dB (1GHz-6GHz)
		5.0dB (6GHz-18GHz)
		5.4dB (18GHz-40GHz)
10	Temperature test	1°C

11	Humidity test	3%
12	Supply voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Tel: +86 21 6191 5666

Fax: +86 21 6191 5678

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc) is provided by the applicant. (if applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).
3. Sample source: sent by customer.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6332.01)

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. is accredited by the American Association for Laboratory Accreditation(A2LA).

• FCC (Designation Number: CN1301)

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been recognized as an accredited testing laboratory.

• ISED (CAB Identifier: CN0020)

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. EMC Laboratory has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.
Company Number: 8617A

• VCCI (Member No.: 3061)

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-13868, C-14336, T-12221, G-10830 respectively.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Conducted Test					
Spectrum Analyzer	Keysight	N9020B	SHEM241-1	2025/12/17	2026/12/16
Spectrum Analyzer	Agilent	N9020A	SHEM181-1	2025/04/30	2026/04/29
Signal Generator	R&S	SMR20	SHEM006-1	2025/07/30	2026/07/29
Signal Generator	Agilent	N5182A	SHEM182-1	2025/07/30	2026/07/29
Communication Tester	R&S	CMW270	SHEM183-1	2025/04/30	2026/04/29
Communication Tester	R&S	CMW500	SHEM268-1	2025/04/30	2026/04/29
Power Sensor	Keysight	U2021XA * 4	SHEM293-1	2025/07/30	2026/07/29
Splitter	Anritsu	MA1612A	SHEM185-1	/	/
Coupler	e-meca	803-S-1	SHEM186-1	/	/
High-low Temp Cabinet	Suzhou Zhihe	TL-40	SHEM087-1	2024/11/05	2026/11/04
AC Power Stabilizer	APC	KDF-31020T-V0-F0	SHEM216-1	2025/12/17	2026/12/16
DC Power Supply	HP	6010A	SHEM222-1	2025/12/17	2026/12/16
Conducted test Cable	/	RF01~RF04	/	2025/12/17	2026/12/16
Switcher	Tonscend	JS0806	SHEM293-1	2025/07/30	2026/07/29
Test software	Tonscend	JS Tonscend BT/WIFI System	Version: 2.6	/	/
Switcher+Power Sensor	TST	TSPS2023R	SHEM263-1	2025/07/30	2026/07/29
Test software	TST	TST PASS	Version: 2.0	/	/
RF Radiated Test					
Spectrum Analyzer	Keysight	N9010A	SHEM181-2	2025/04/30	2026/04/29
Communication Tester	R&S	CMW500	SHEM268-1	2025/04/30	2026/04/29
Loop Antenna (9kHz-30MHz)	Schwarzbeck	FMZB1519	SHEM135-1	2025/12/17	2026/12/16
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM048-1	2025/08/31	2027/08/30
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM202-1	2025/04/12	2027/04/11
Horn Antenna (1-18GHz)	Schwarzbeck	HF906	SHEM009-1	2024/08/05	2026/08/04
Horn Antenna (1-18GHz)	Schwarzbeck	BBHA9120D	SHEM050-1	2025/08/31	2027/08/30
Horn Antenna (14-40GHz)	Schwarzbeck	BBHA 9170	SHEM049-1	2025/08/31	2027/08/30
Pre-Amplifier	HP	8447D	SHEM236-1	2025/12/17	2026/12/16
High-amplifier (14-40GHz)	Schwarzbeck	10001	SHEM049-2	2025/12/17	2026/12/16
Band Filter	LORCH	9BRX-875/X150	SHEM156-1	/	/
Band Filter	LORCH	13BRX-1950/X500	SHEM083-2	/	/
Band Filter	LORCH	5BRX-2400/X200	SHEM155-1	/	/
Band Filter	LORCH	5BRX-5500/X1000	SHEM157-2	/	/
High pass Filter	Wainwright	WHK3.0/18G	SHEM157-1	/	/
High pass Filter	Wainwright	WHKS1700	SHEM157-3	/	/
Semi/Fully Anechoic	ST	11*6*6M	SHEM078-2	2023/05/06	2026/05/05
RE test Cable	/	PT18-NMMN-10M	SHEM217-2	2025/07/30	2026/07/29
Test software	ESE	E3	Version: 6.111221a	/	/

6 Radio Spectrum Matter Test Results

6.1 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Limit:

Frequency(MHz)	Field strength(microvolts/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
960-1000	500	3

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C

Humidity: 54.3 % RH

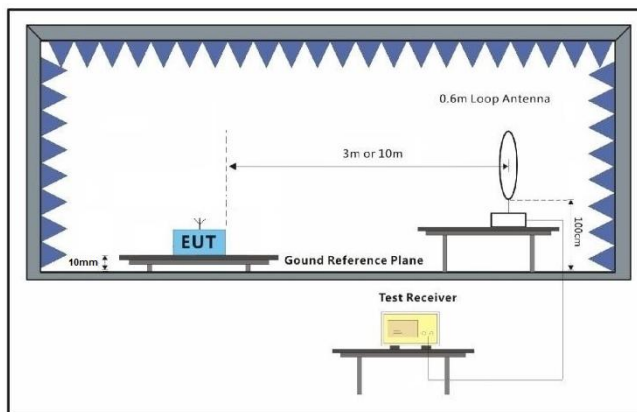
Atmospheric Pressure: 1023 mbar

6.1.2 Test Mode Description

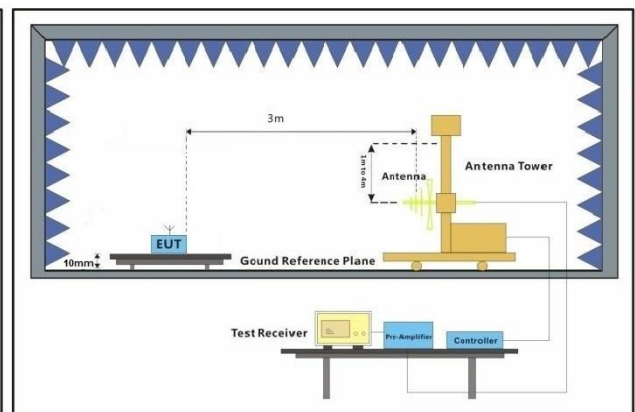
Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Pre-scan	04	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse

		data rates. Only the data of worst case is recorded in the report.
Pre-scan	05	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Pre-scan	06	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

6.1.3 Test Setup Diagram



Below 30MHz



30MHz-1GHz

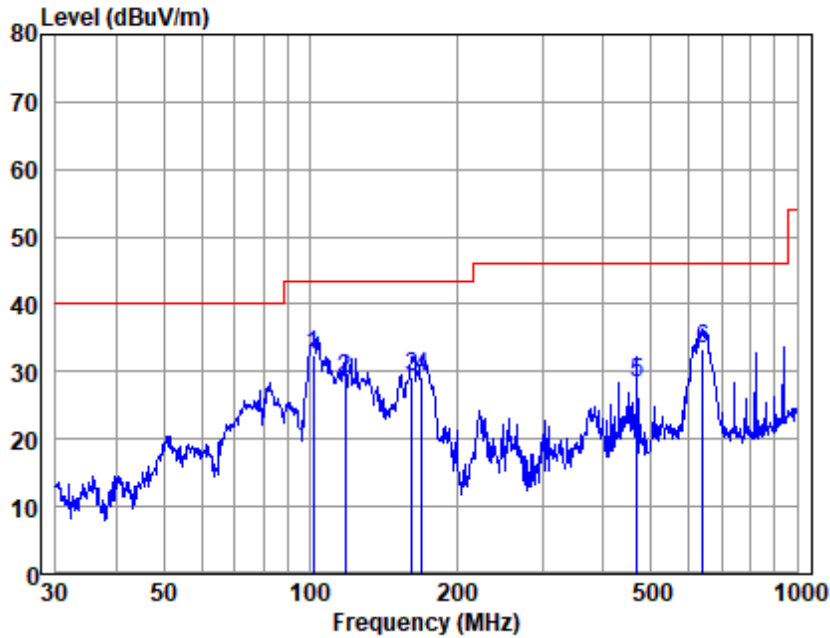
6.1.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters for table-top or 0.01 meters for floor-standing arrangement above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- c. The antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only below points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
2. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Test Mode: 03; Polarity: Horizontal

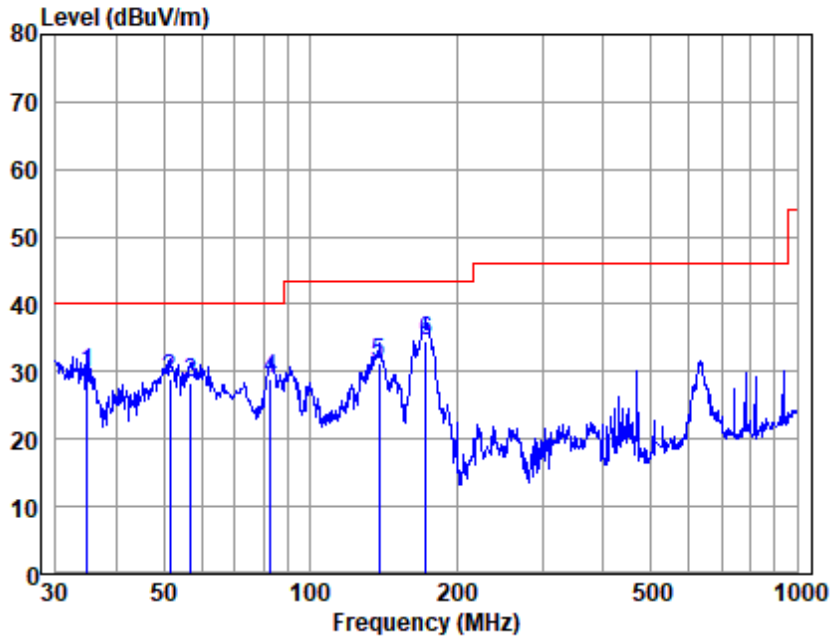


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS
Test mode :03

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	101.644	54.38	9.30	2.02	33.10	32.60	43.50	-10.90	QP
2	118.186	48.92	11.00	2.21	33.06	29.07	43.50	-14.43	QP
3	161.474	46.80	12.80	2.63	32.97	29.26	43.50	-14.24	QP
4	169.599	46.61	12.80	2.69	32.96	29.14	43.50	-14.36	QP
5	468.876	40.05	16.17	4.64	32.60	28.26	46.00	-17.74	QP
6	640.611	40.38	20.10	5.48	32.60	33.36	46.00	-12.64	QP

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical



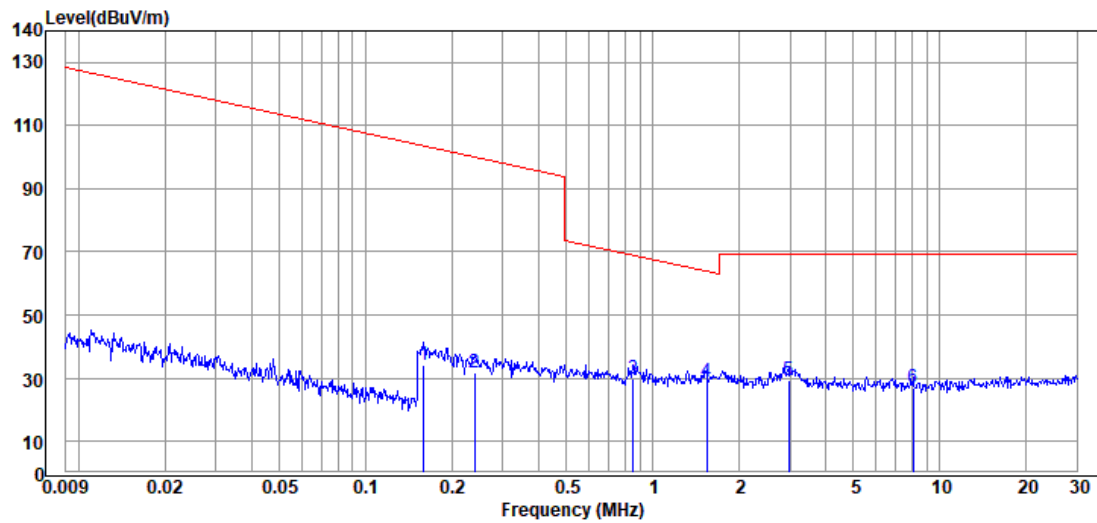
Antenna Polarity :VERTICAL
EUT/Project :3298HS
Test mode :03

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	34.882	49.10	12.80	1.19	33.20	29.89	40.00	-10.11	QP
2	51.481	47.23	13.40	1.43	33.18	28.88	40.00	-11.12	QP
3	56.792	47.72	12.20	1.51	33.13	28.30	40.00	-11.70	QP
4	82.938	51.46	8.60	1.83	33.10	28.79	40.00	-11.21	QP
5	138.387	49.85	11.90	2.43	33.02	31.16	43.50	-12.34	QP
6	172.599	52.40	12.50	2.72	32.95	34.67	43.50	-8.83	QP

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Radiated Emissions(9kHz-30MHz)

Test Mode: 03; Polarity: Coaxial

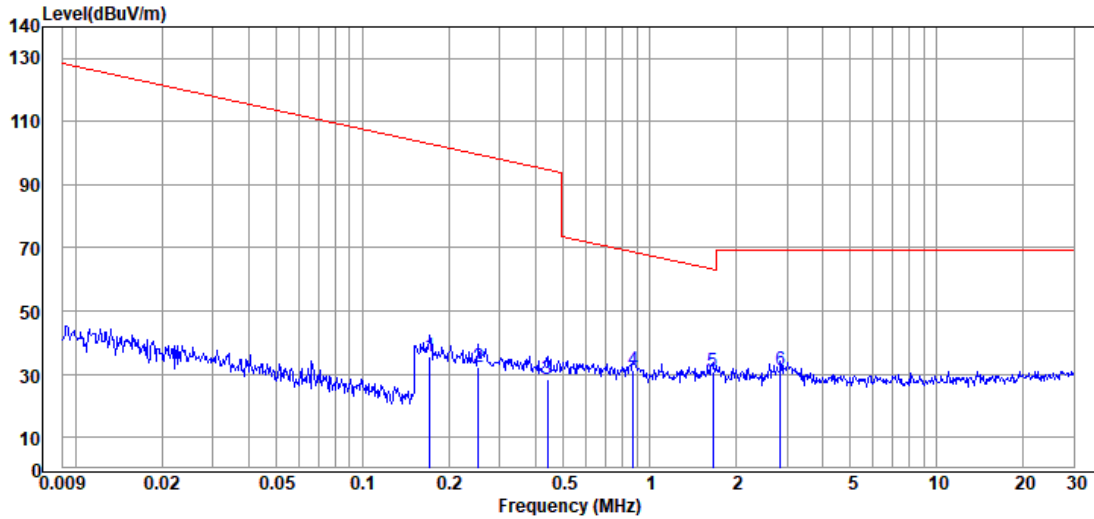


Item	Freq.	Read Level	Antenna Factor	Cable Loss	Result Level@3m	Result Level@SPEC	Limit Line@SPEC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.177	15.21	17.30	0.30	32.81	-47.19	22.66	-69.85	Average
2	0.250	15.13	17.30	0.30	32.73	-47.27	19.63	-66.90	Average
3	0.621	12.98	17.40	0.30	30.68	-9.32	31.75	-41.07	QP
4	0.902	12.53	17.50	0.30	30.33	-9.67	28.51	-38.18	QP
5	1.618	12.45	17.67	0.30	30.42	-9.58	23.46	-33.04	QP
6	3.070	12.52	17.81	0.30	30.63	-9.37	29.50	-38.87	QP

Remark: Result Level@3m = Read Level + Antenna Factor + Cable Loss

Result Level@SPEC= Result Level@3m+ Distance Extrapolation Factor

Test Mode: 03; Polarity: Coplanar



Item	Freq.	Read Level	Antenna Factor	Cable Loss	Result Level@3m	Result Level@SPEC	Limit Line@SPEC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.180	15.94	17.30	0.30	33.54	-46.46	22.52	-68.98	Average
2	0.428	11.01	17.30	0.30	28.61	-51.39	14.98	-66.37	Average
3	0.839	12.97	17.50	0.30	30.77	-9.23	29.15	-38.38	QP
4	1.592	12.36	17.67	0.30	30.33	-9.67	23.60	-33.27	QP
5	2.854	12.30	17.79	0.30	30.39	-9.61	29.50	-39.11	QP
6	9.329	8.48	18.03	0.35	26.86	-13.14	29.50	-42.64	QP

Remark: Result Level@3m = Read Level + Antenna Factor + Cable Loss

Result Level@SPEC= Result Level@3m+ Distance Extrapolation Factor

Note: For test distance other than what is specified, but fulfilling the requirements of section 15.31(f) (2) the field strength is calculated by adding additionally an extrapolation factor of 40dB/decade (inverse linear distance for field strength measurements). So the Distance Extrapolation Factor in dB is $40 \cdot \log(D_{TEST} / D_{SPEC})$ where D_{TEST} = Test Distance and D_{SPEC} = Specified Distance. Field strength limit (dBμV/m)@test distance= Field strength limit (dBμV/m)@specified distance +Distance Extrapolation Factor

6.2 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.6 & 12.7

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/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

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark:

1. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(1/3) = -9.54\text{dB}$ (for 1m test distance).

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 18.2 °C

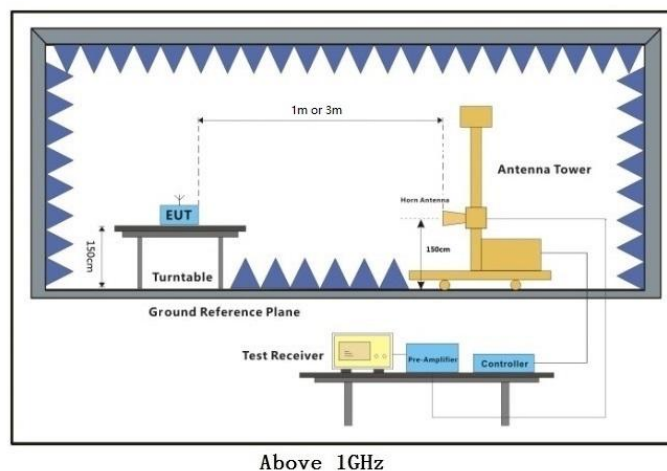
Humidity: 30.9 % RH

Atmospheric Pressure: 1010 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

6.2.3 Test Setup Diagram



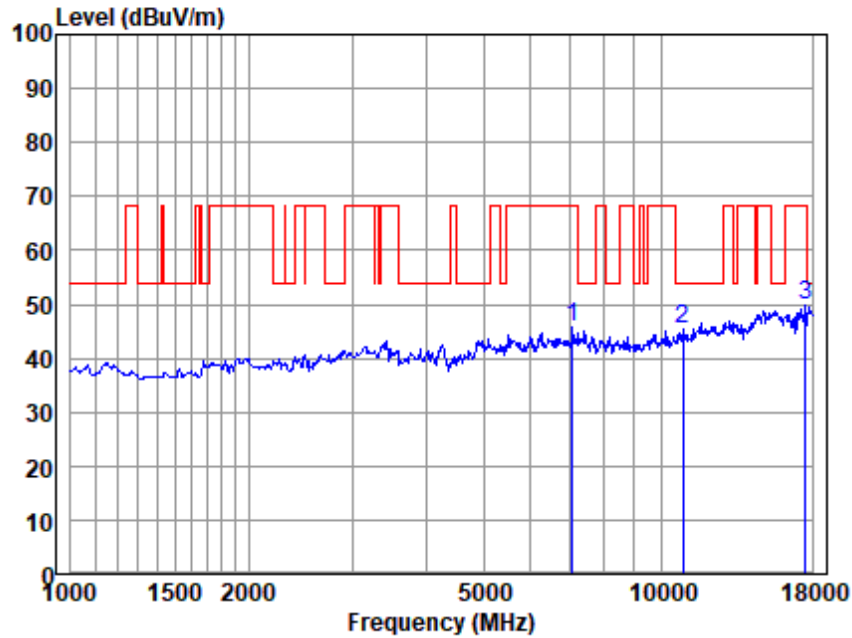
6.2.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle<98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



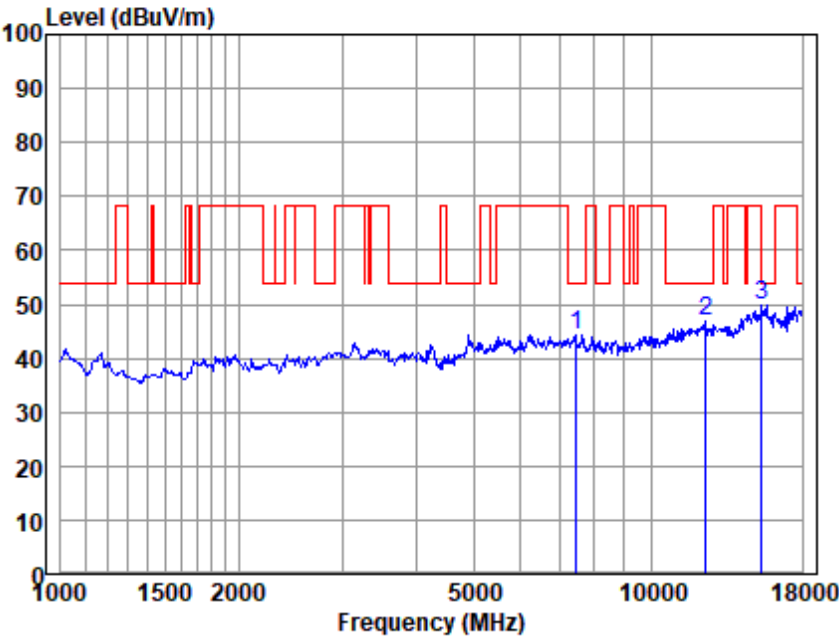
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7076.516	39.94	36.07	7.22	37.64	45.59	68.20	-22.61	Peak
10885.670	34.57	38.28	9.26	36.84	45.27	54.00	-8.73	Peak
17537.800	34.01	42.28	13.60	39.98	49.91	68.20	-18.29	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

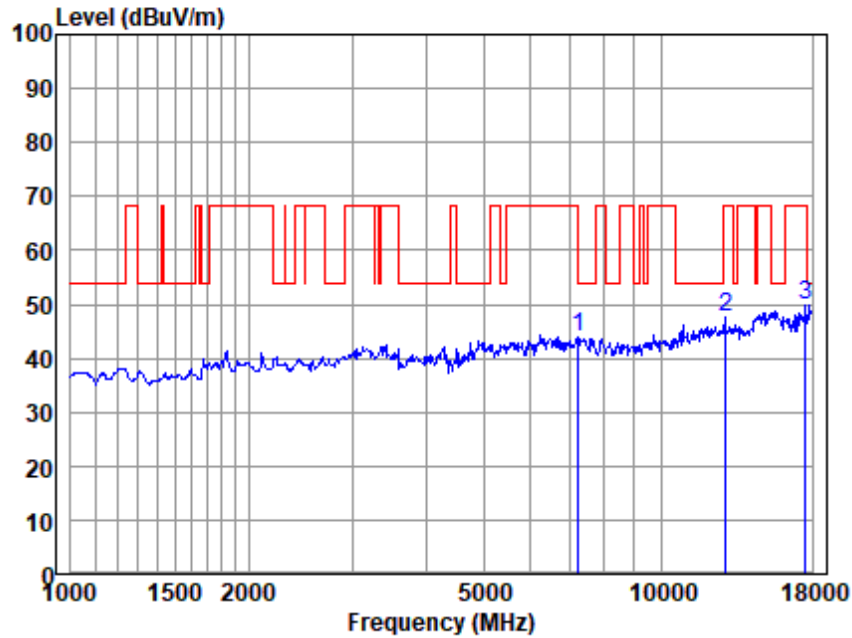


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7454.429	37.89	36.29	7.55	37.32	44.41	54.00	-9.59	Peak
12361.950	36.64	38.66	10.22	38.62	46.90	54.00	-7.10	Peak
15398.830	35.71	43.68	12.26	41.83	49.82	54.00	-4.18	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



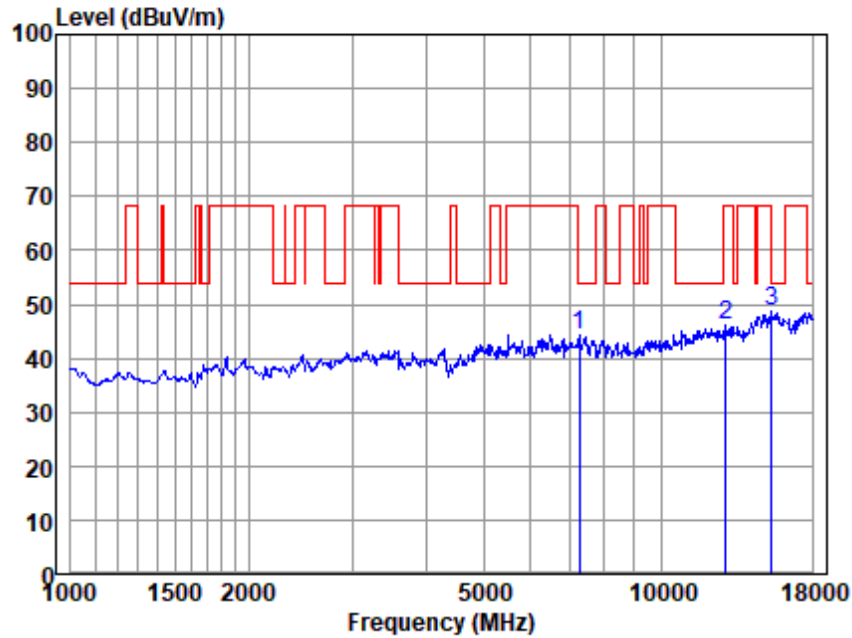
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7242.052	37.87	36.29	7.36	37.50	44.02	68.20	-24.18	Peak
12835.290	37.48	39.05	10.57	39.52	47.58	68.20	-20.62	Peak
17537.800	33.92	42.28	13.60	39.98	49.82	68.20	-18.38	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



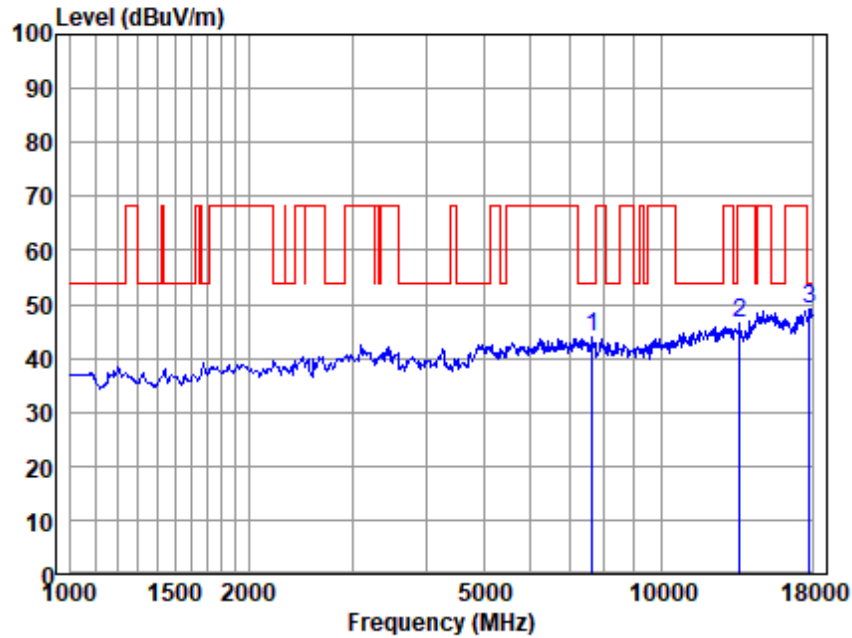
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7263.015	38.26	36.30	7.38	37.48	44.46	54.00	-9.54	Peak
12835.290	36.15	39.05	10.57	39.52	46.25	68.20	-21.95	Peak
15398.830	34.42	43.68	12.26	41.83	48.53	54.00	-5.47	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



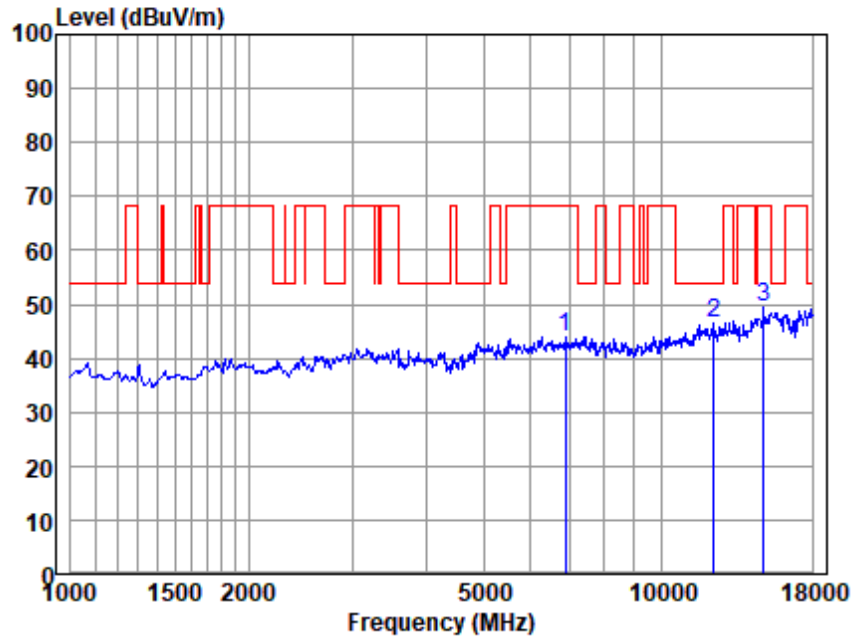
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7650.888	37.18	36.13	7.71	37.16	43.86	54.00	-10.14	Peak
13599.130	37.68	39.87	11.11	42.15	46.51	68.20	-21.69	Peak
17793.090	33.14	42.90	13.75	40.64	49.15	54.00	-4.85	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



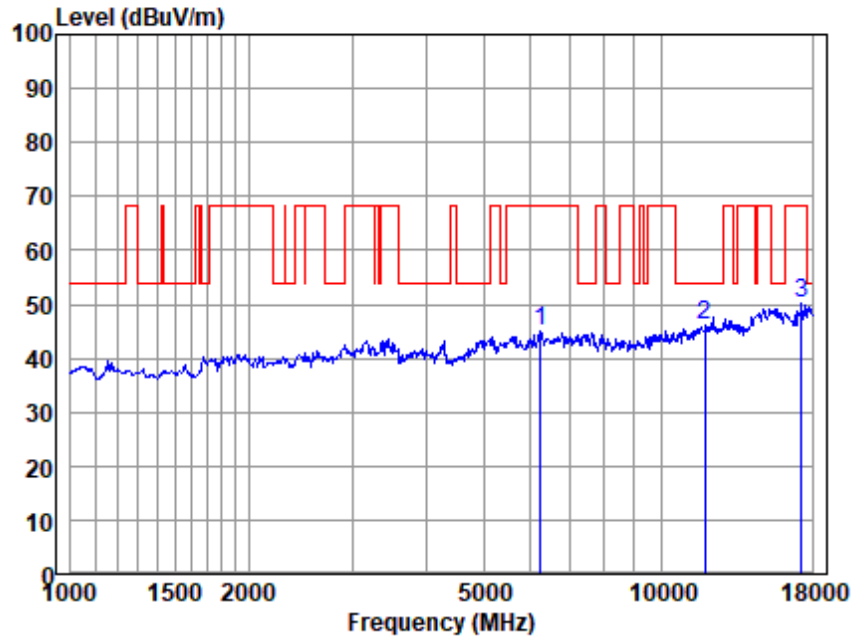
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6874.906	38.90	35.99	7.03	37.86	44.06	68.20	-24.14	Peak
12290.700	36.17	38.66	10.17	38.64	46.36	54.00	-7.64	Peak
14916.940	35.78	42.65	11.97	40.99	49.41	68.20	-18.79	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



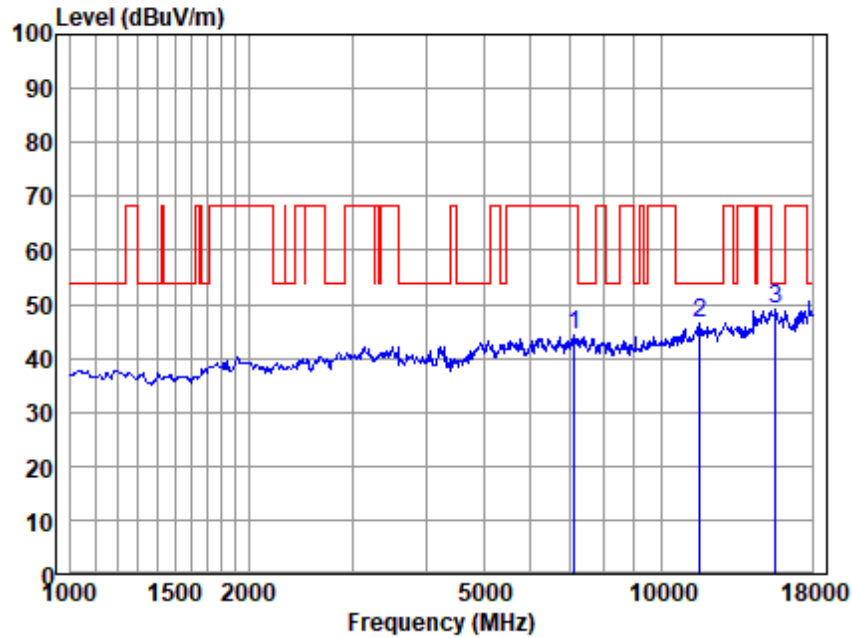
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6249.464	39.63	35.50	6.43	36.70	44.86	68.20	-23.34	Peak
11871.710	36.47	38.18	9.84	38.19	46.30	54.00	-7.70	Peak
17286.170	35.18	42.05	13.44	40.32	50.35	68.20	-17.85	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



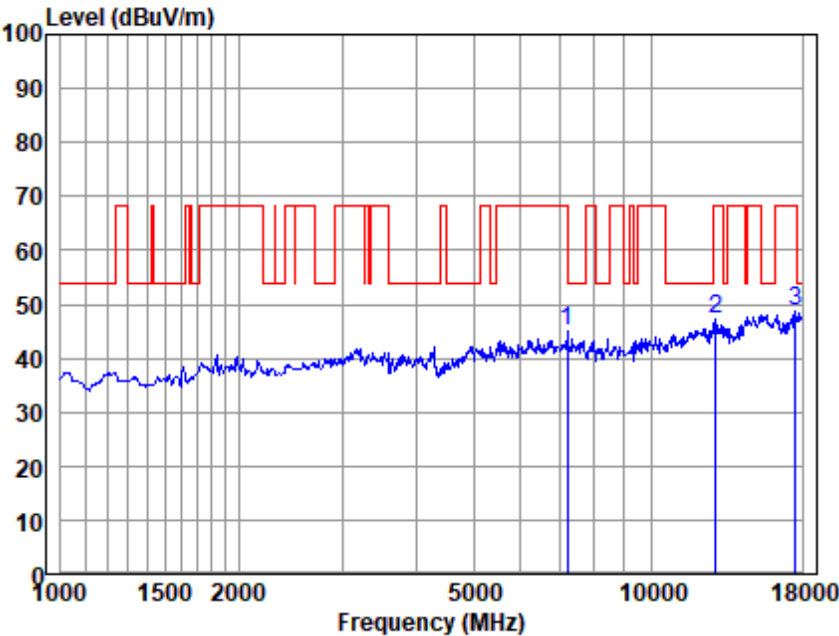
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7138.144	38.47	36.17	7.27	37.58	44.33	68.20	-23.87	Peak
11633.930	35.74	38.29	9.66	37.31	46.38	54.00	-7.62	Peak
15622.990	34.26	43.19	12.40	40.81	49.04	54.00	-4.96	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle

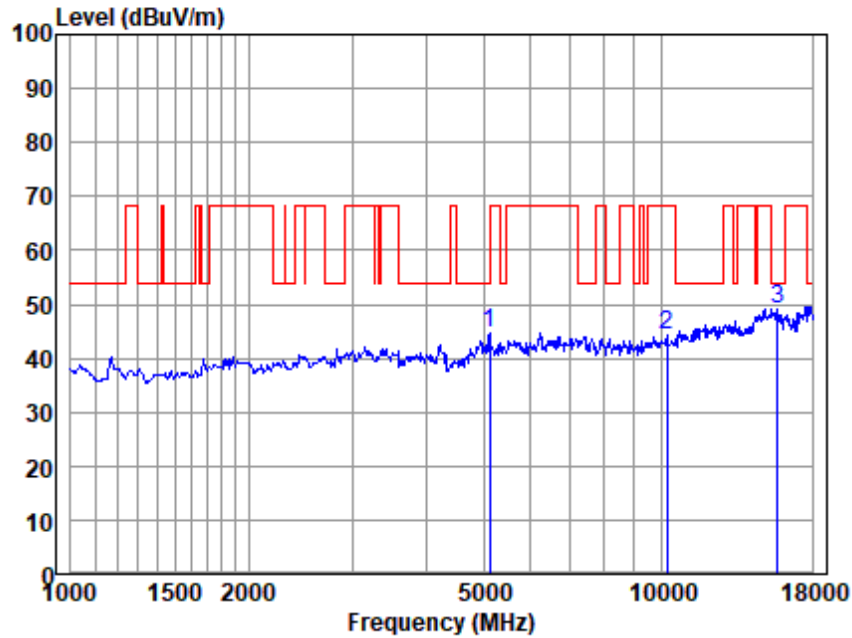


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7200.309	38.80	36.24	7.33	37.53	44.84	68.20	-23.36	Peak
12835.290	37.13	39.05	10.57	39.52	47.23	68.20	-20.97	Peak
17537.800	32.84	42.28	13.60	39.98	48.74	68.20	-19.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



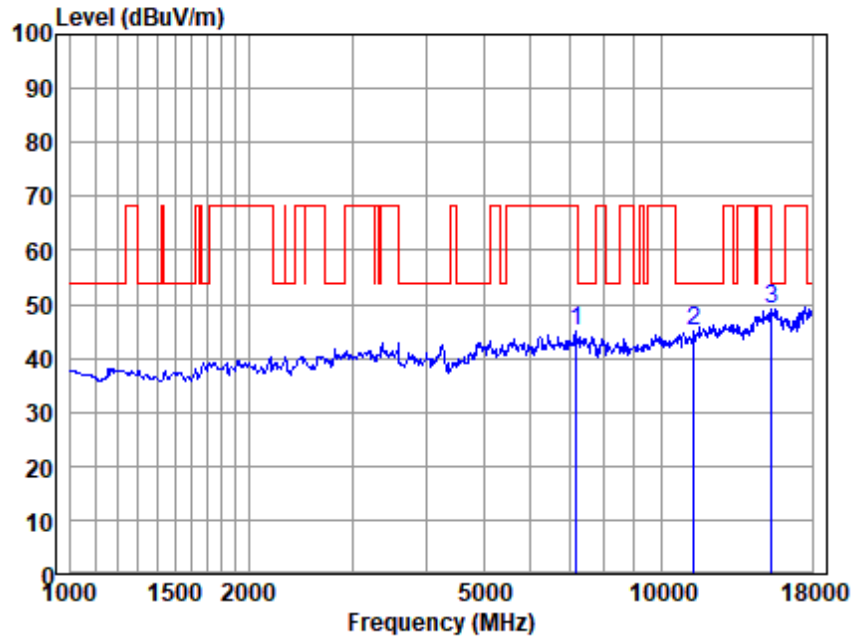
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5119.517	42.43	33.71	5.46	36.87	44.73	54.00	-9.27	Peak
10215.020	34.79	37.82	9.00	37.48	44.13	68.20	-24.07	Peak
15713.560	34.41	42.93	12.45	40.81	48.98	54.00	-5.02	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



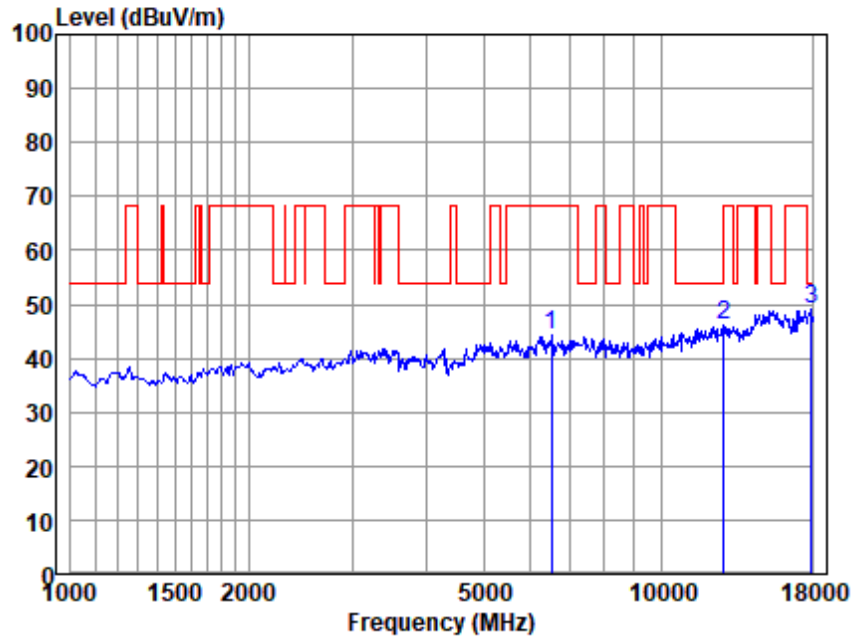
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7179.527	39.00	36.22	7.31	37.55	44.98	68.20	-23.22	Peak
11368.000	34.57	38.27	9.44	37.30	44.98	54.00	-9.02	Peak
15398.830	35.00	43.68	12.26	41.83	49.11	54.00	-4.89	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



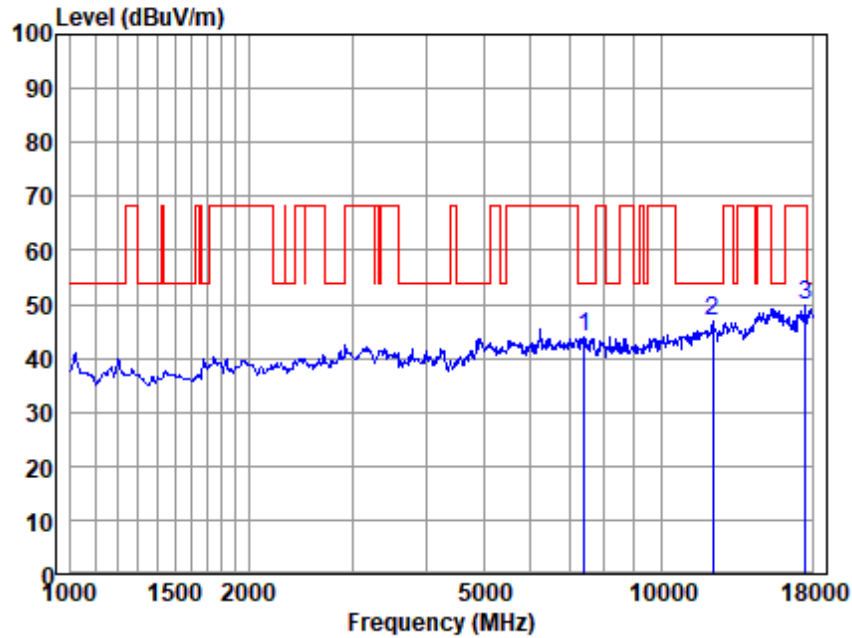
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6526.373	39.42	35.45	6.70	37.32	44.25	68.20	-23.95	Peak
12761.300	36.01	39.01	10.52	39.54	46.00	68.20	-22.20	Peak
17948.050	32.65	42.88	13.85	40.44	48.94	54.00	-5.06	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



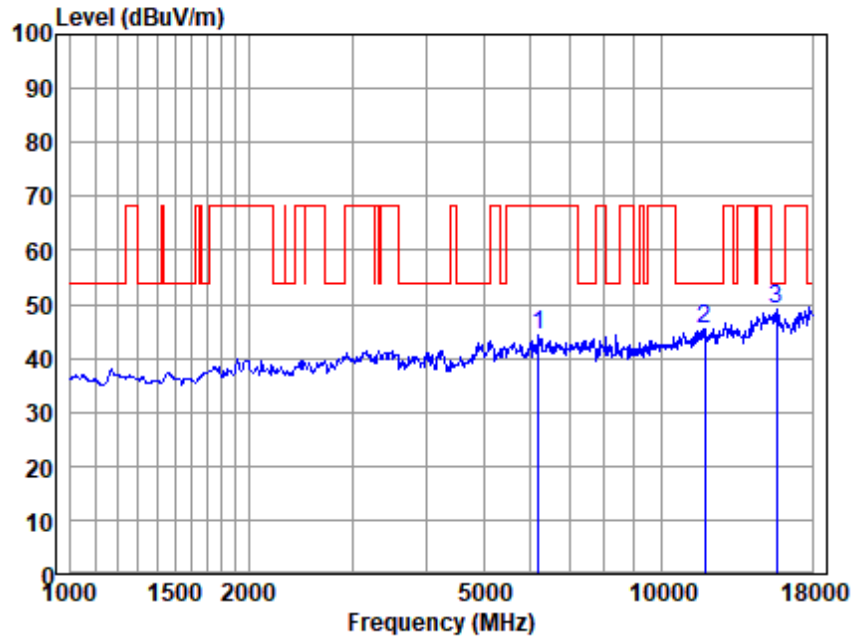
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7411.461	37.47	36.34	7.51	37.35	43.97	54.00	-10.03	Peak
12219.850	36.91	38.60	10.11	38.65	46.97	54.00	-7.03	Peak
17537.800	34.06	42.28	13.60	39.98	49.96	68.20	-18.24	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



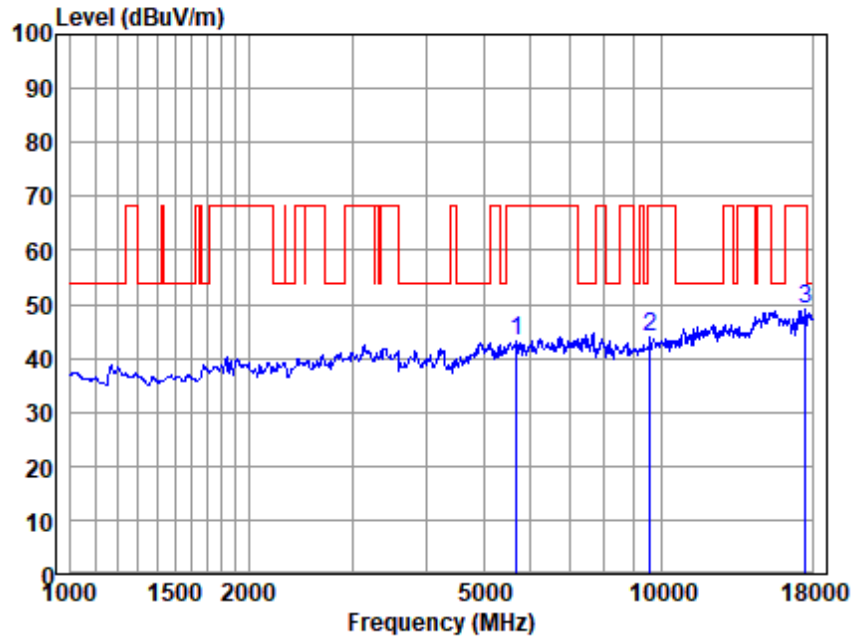
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	39.30	35.47	6.37	36.78	44.36	68.20	-23.84	Peak
11871.710	35.49	38.18	9.84	38.19	45.32	54.00	-8.68	Peak
15668.210	34.33	43.09	12.42	40.81	49.03	54.00	-4.97	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



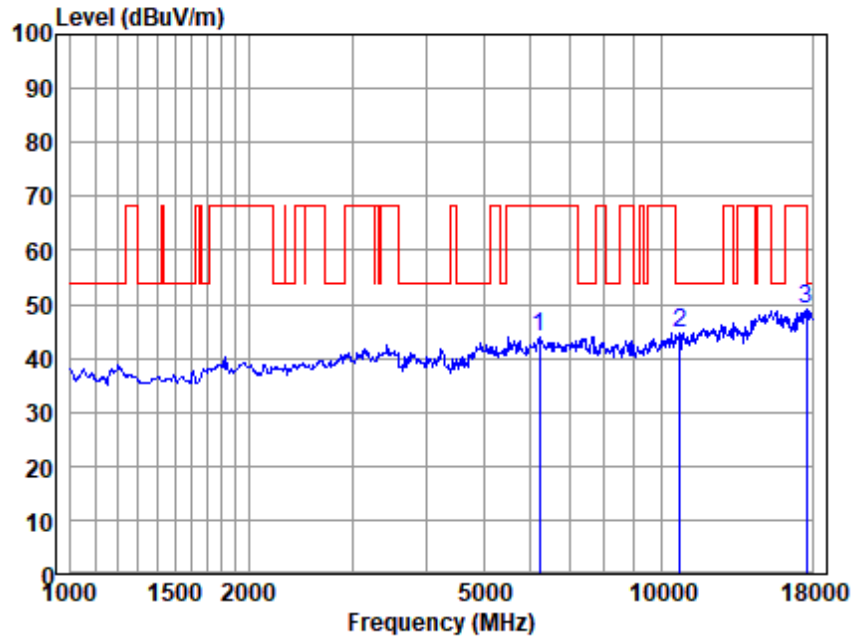
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5697.365	39.85	34.48	5.84	37.01	43.16	68.20	-25.04	Peak
9558.018	34.91	37.74	8.72	37.61	43.76	68.20	-24.44	Peak
17537.800	33.32	42.28	13.60	39.98	49.22	68.20	-18.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



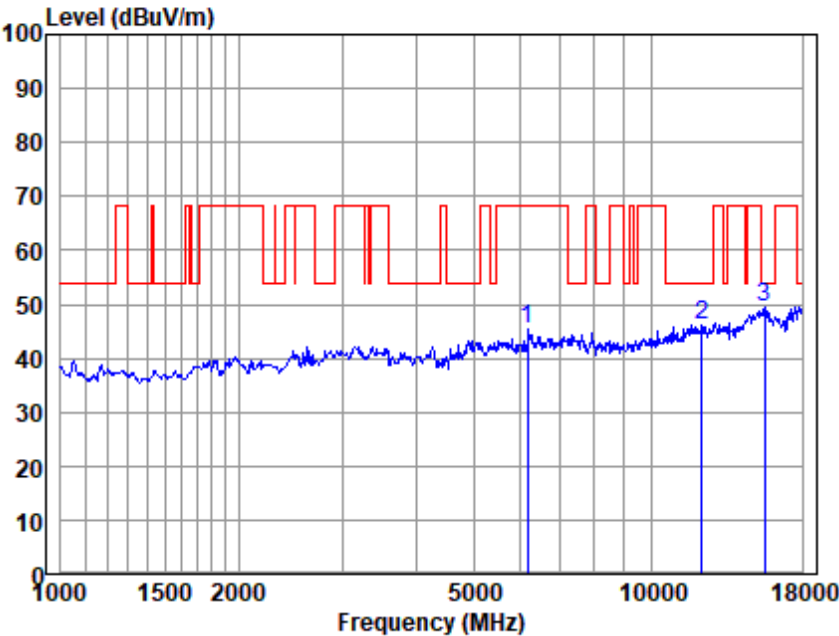
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6231.427	38.92	35.49	6.41	36.73	44.09	68.20	-24.11	Peak
10760.540	35.18	38.14	9.21	37.78	44.75	54.00	-9.25	Peak
17639.470	33.71	42.53	13.66	40.85	49.05	68.20	-19.15	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

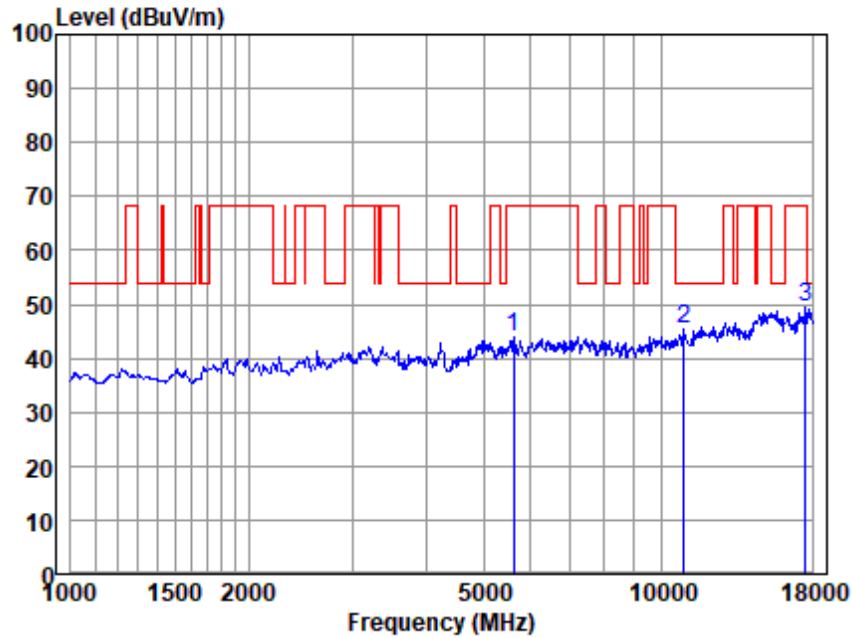


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6177.627	40.25	35.44	6.35	36.80	45.24	68.20	-22.96	Peak
12184.580	36.27	38.59	10.09	38.66	46.29	54.00	-7.71	Peak
15577.900	34.65	43.29	12.37	40.81	49.50	54.00	-4.50	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



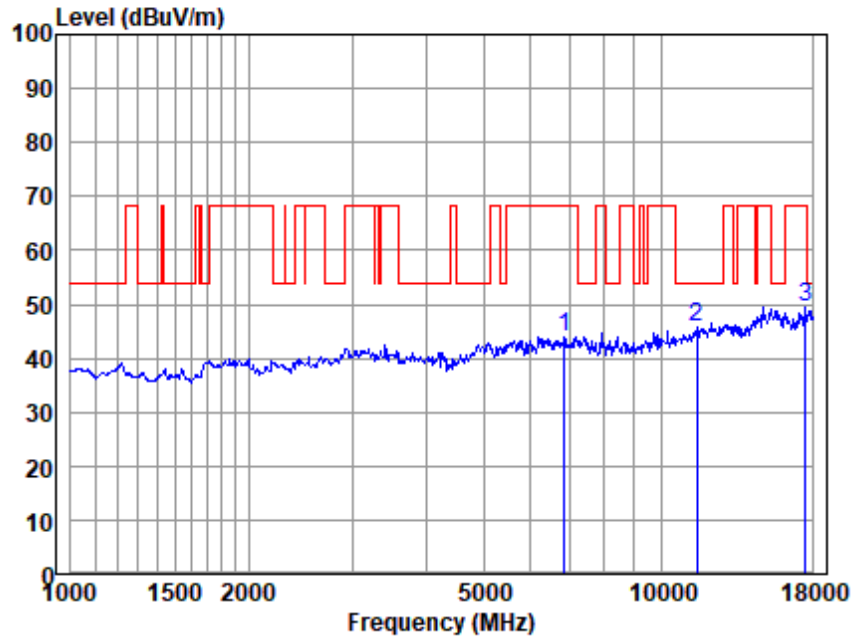
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5631.875	40.57	34.53	5.80	37.00	43.90	68.20	-24.30	Peak
10917.180	35.66	38.26	9.27	37.86	45.33	54.00	-8.67	Peak
17537.800	33.46	42.28	13.60	39.98	49.36	68.20	-18.84	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



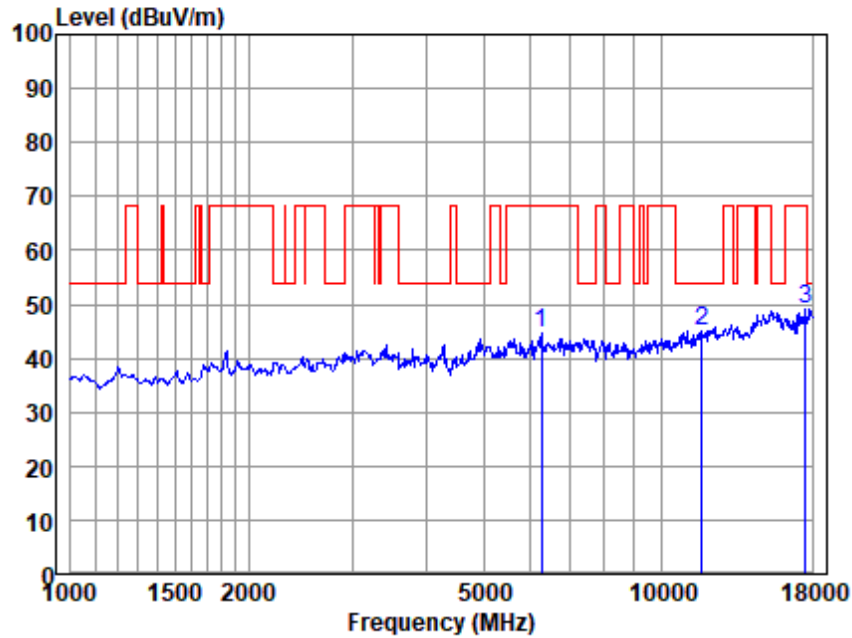
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6855.063	38.80	35.96	7.01	37.89	43.88	68.20	-24.32	Peak
11467.000	35.59	38.28	9.52	37.68	45.71	54.00	-8.29	Peak
17537.800	33.65	42.28	13.60	39.98	49.55	68.20	-18.65	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



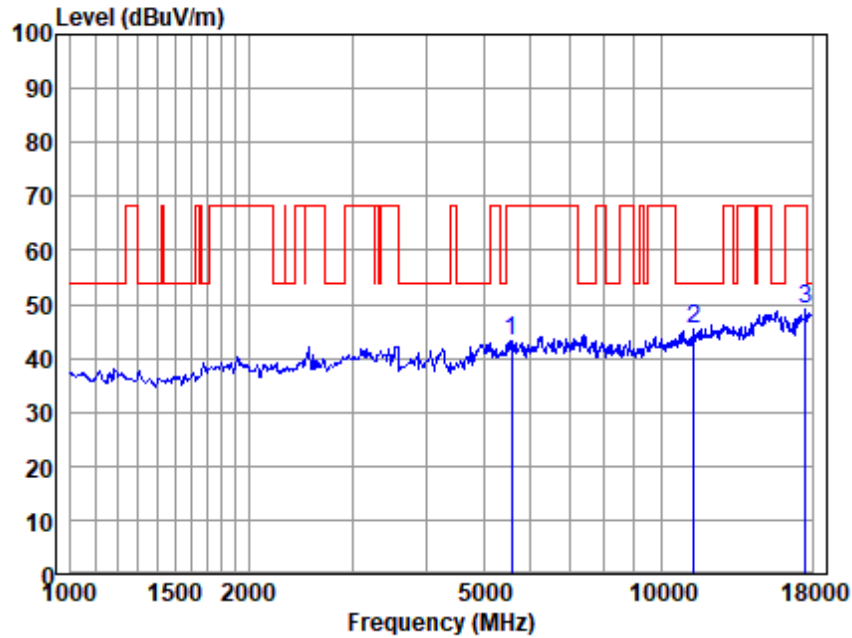
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6267.553	39.23	35.51	6.45	36.68	44.51	68.20	-23.69	Peak
11701.380	34.68	38.25	9.71	37.56	45.08	54.00	-8.92	Peak
17537.800	33.28	42.28	13.60	39.98	49.18	68.20	-19.02	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



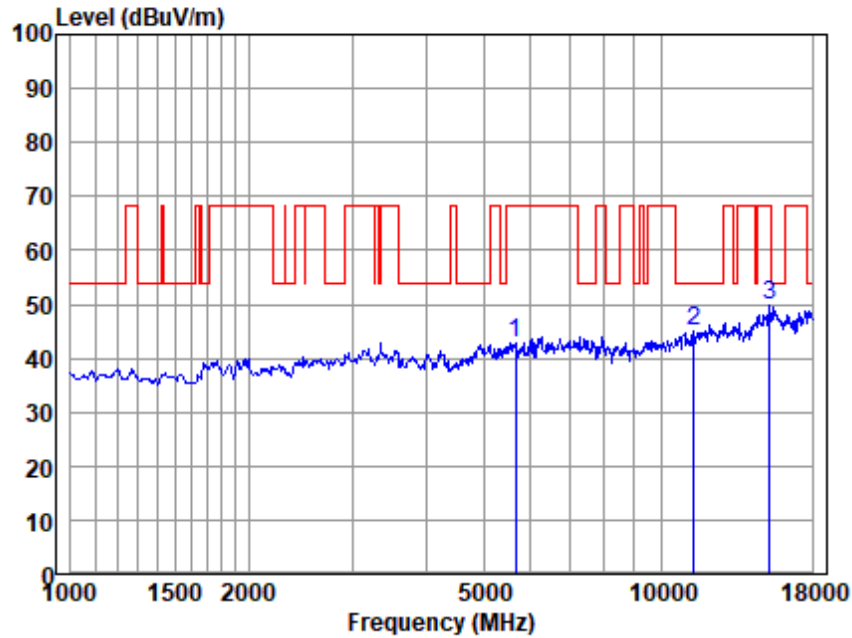
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5583.251	40.05	34.52	5.77	36.99	43.35	68.20	-24.85	Peak
11368.000	34.92	38.27	9.44	37.30	45.33	54.00	-8.67	Peak
17537.800	33.29	42.28	13.60	39.98	49.19	68.20	-19.01	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



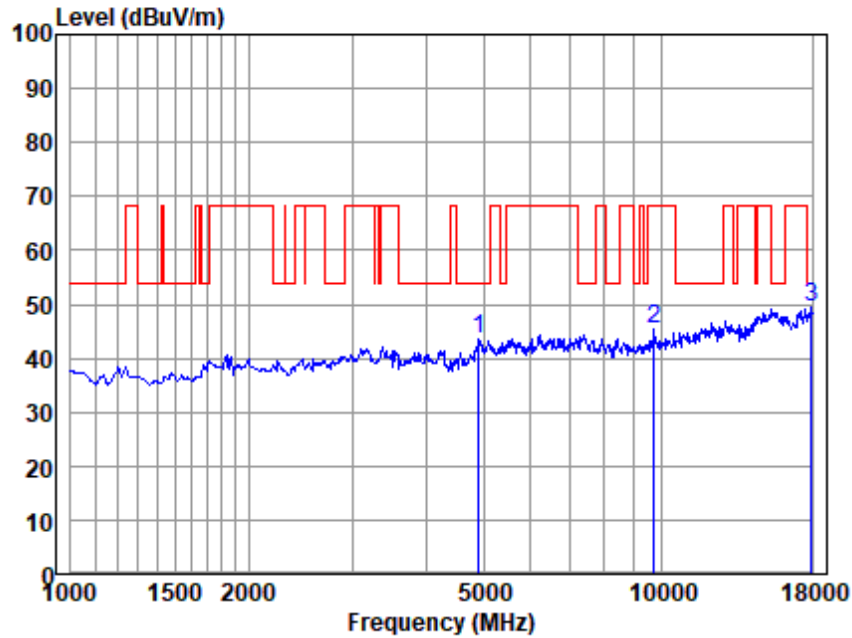
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5664.525	39.46	34.51	5.82	37.01	42.78	68.20	-25.42	Peak
11368.000	34.75	38.27	9.44	37.30	45.16	54.00	-8.84	Peak
15265.880	36.00	43.33	12.18	41.83	49.68	68.20	-18.52	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



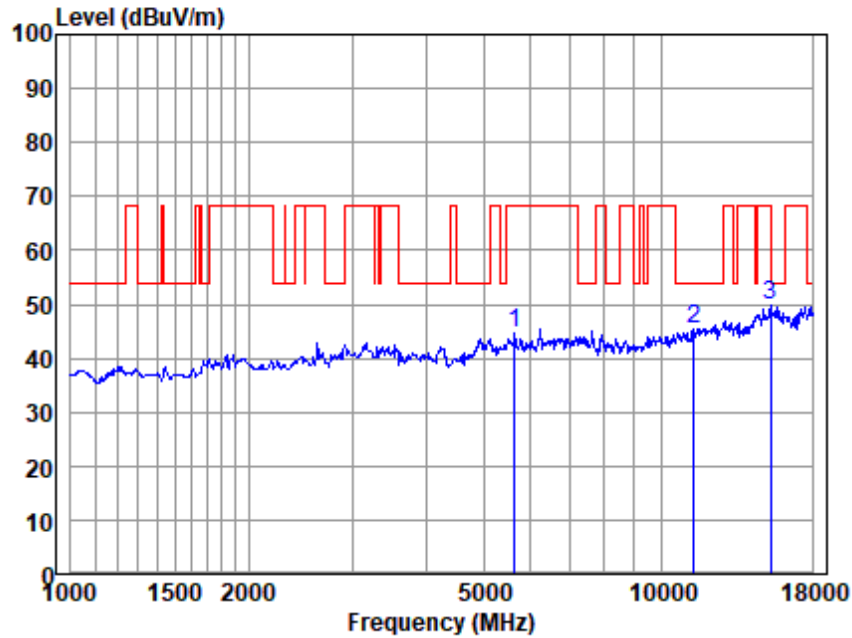
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4916.490	41.44	33.65	5.31	36.82	43.58	54.00	-10.42	Peak
9725.221	36.47	37.58	8.79	37.52	45.32	68.20	-22.88	Peak
17948.050	33.05	42.88	13.85	40.44	49.34	54.00	-4.66	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



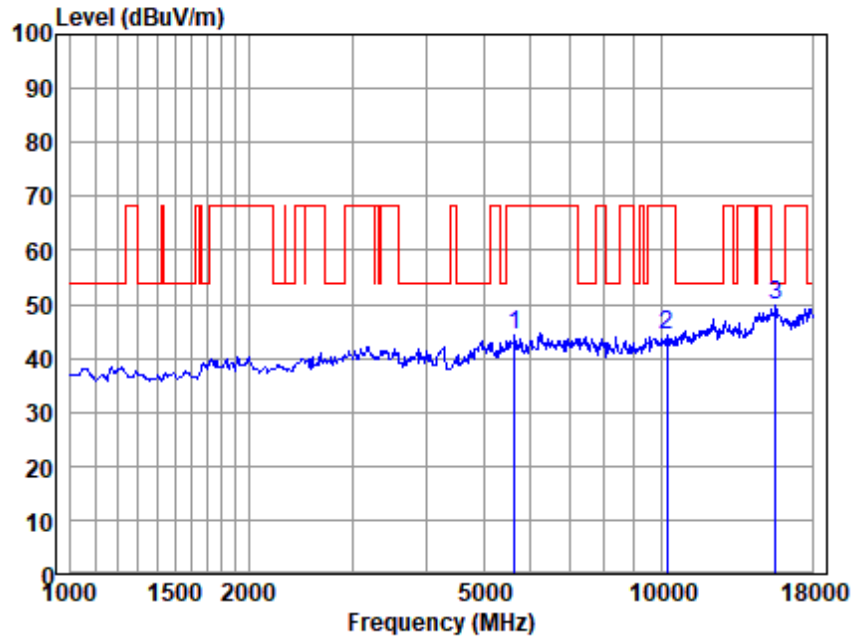
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5648.176	41.17	34.53	5.81	37.00	44.51	68.20	-23.69	Peak
11368.000	34.89	38.27	9.44	37.30	45.30	54.00	-8.70	Peak
15310.070	35.78	43.48	12.21	41.83	49.64	68.20	-18.56	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



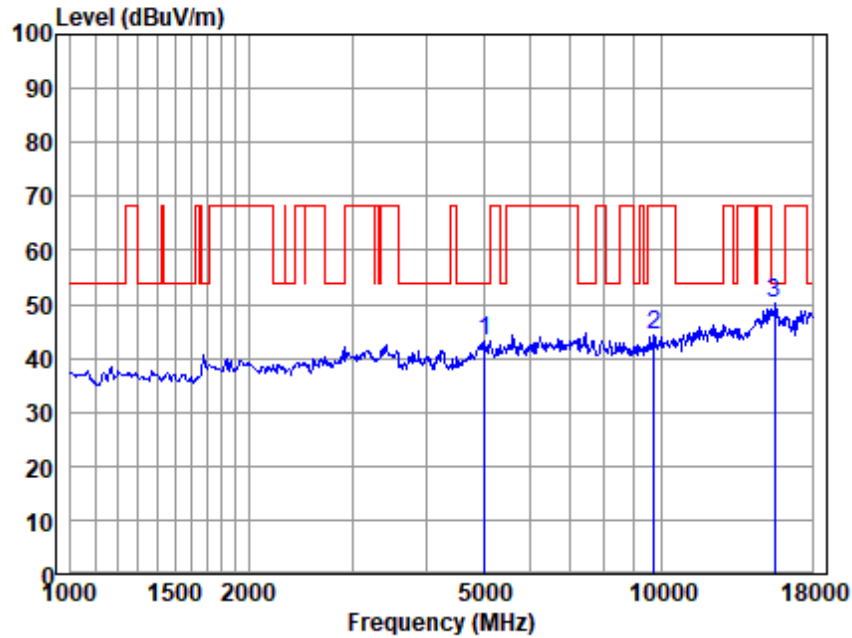
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5648.176	41.09	34.53	5.81	37.00	44.43	68.20	-23.77	Peak
10244.580	34.77	37.85	9.01	37.49	44.14	68.20	-24.06	Peak
15622.990	34.87	43.19	12.40	40.81	49.65	54.00	-4.35	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



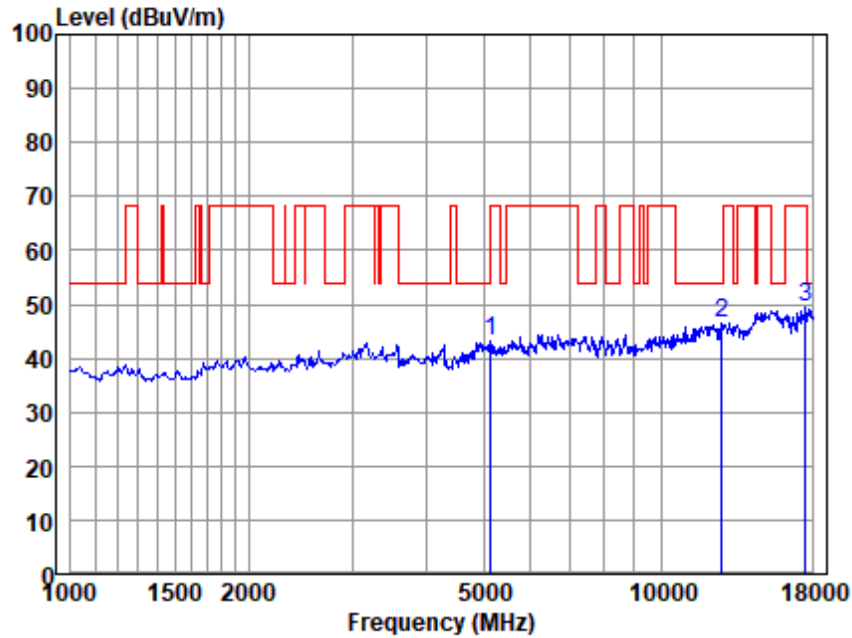
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5031.499	40.88	33.69	5.40	36.85	43.12	54.00	-10.88	Peak
9725.221	35.38	37.58	8.79	37.52	44.23	68.20	-23.97	Peak
15577.900	35.18	43.29	12.37	40.81	50.03	54.00	-3.97	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



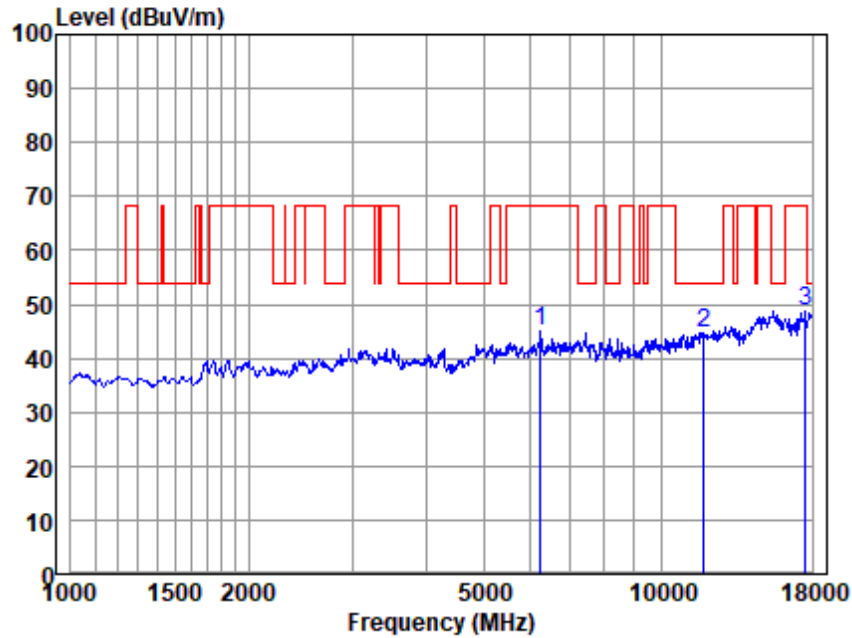
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5134.335	40.69	33.74	5.47	36.88	43.02	54.00	-10.98	Peak
12651.130	36.76	38.84	10.43	39.56	46.47	54.00	-7.53	Peak
17537.800	33.57	42.28	13.60	39.98	49.47	68.20	-18.73	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



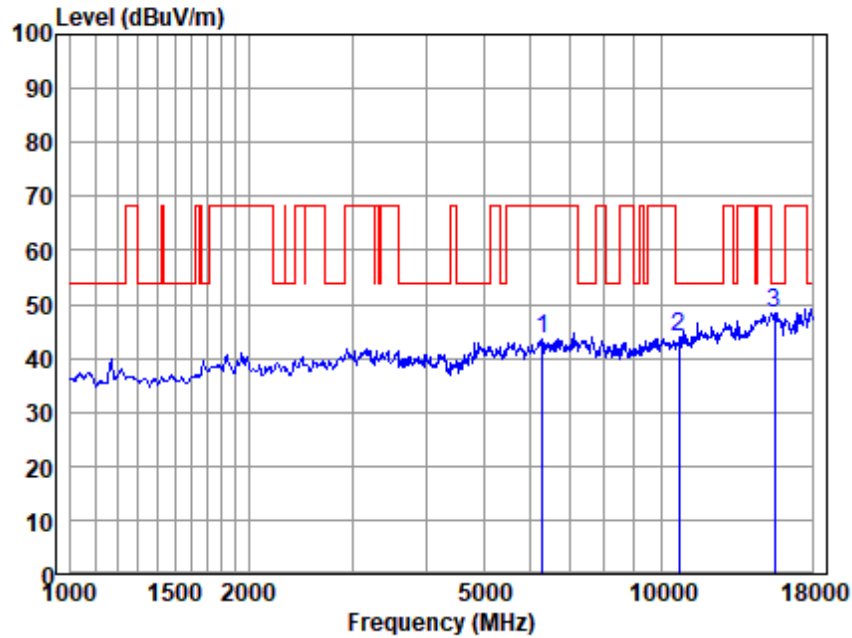
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
6249.464	39.71	35.50	6.43	36.70	44.94	68.20	-23.26	Peak
11803.280	34.57	38.19	9.79	37.94	44.61	54.00	-9.39	Peak
17537.800	32.78	42.28	13.60	39.98	48.68	68.20	-19.52	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



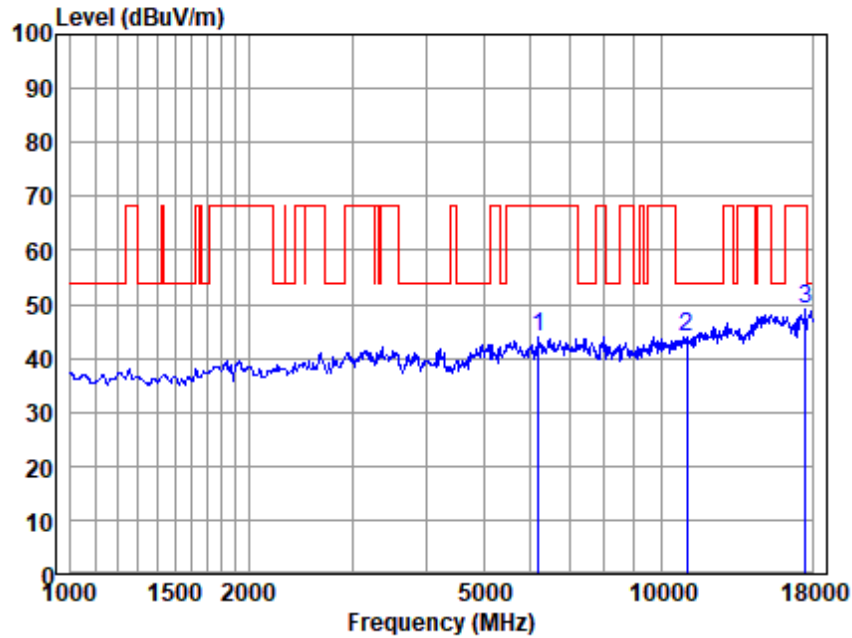
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6285.695	38.34	35.53	6.46	36.65	43.68	68.20	-24.52	Peak
10729.480	34.24	38.10	9.20	37.76	43.78	54.00	-10.22	Peak
15577.900	33.62	43.29	12.37	40.81	48.47	54.00	-5.53	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



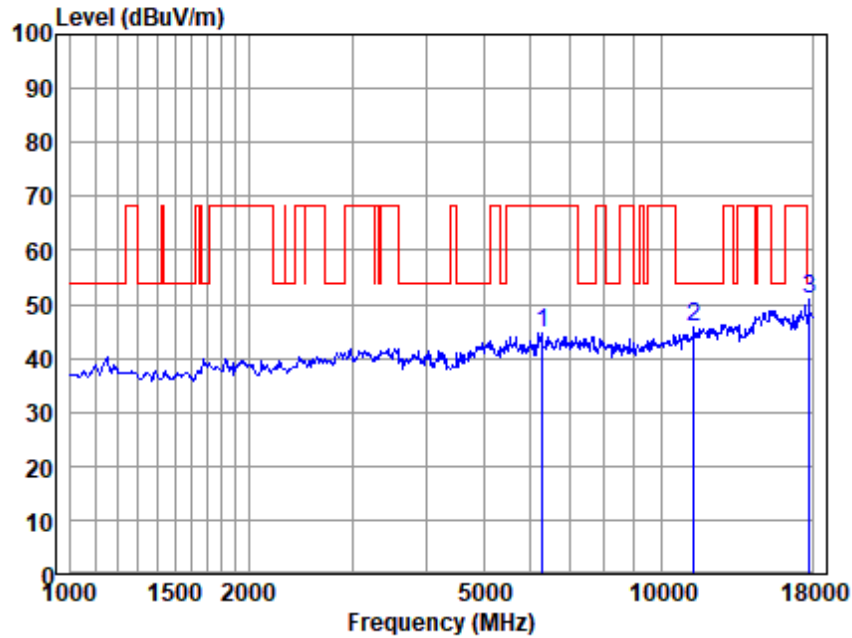
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	38.82	35.47	6.37	36.78	43.88	68.20	-24.32	Peak
11044.130	34.53	38.28	9.32	38.04	44.09	54.00	-9.91	Peak
17537.800	33.00	42.28	13.60	39.98	48.90	68.20	-19.30	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



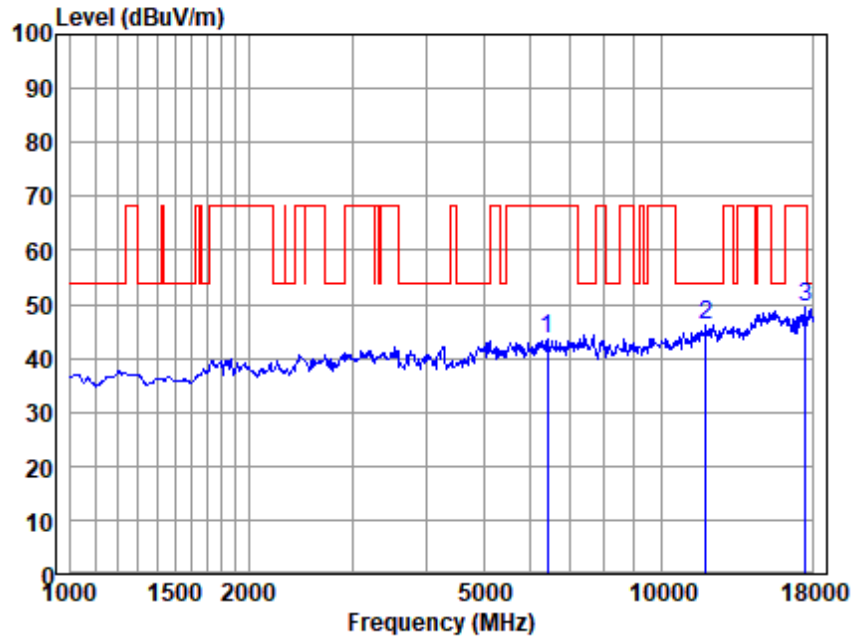
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6285.695	39.28	35.53	6.46	36.65	44.62	68.20	-23.58	Peak
11368.000	35.22	38.27	9.44	37.30	45.63	54.00	-8.37	Peak
17793.090	34.77	42.90	13.75	40.64	50.78	54.00	-3.22	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



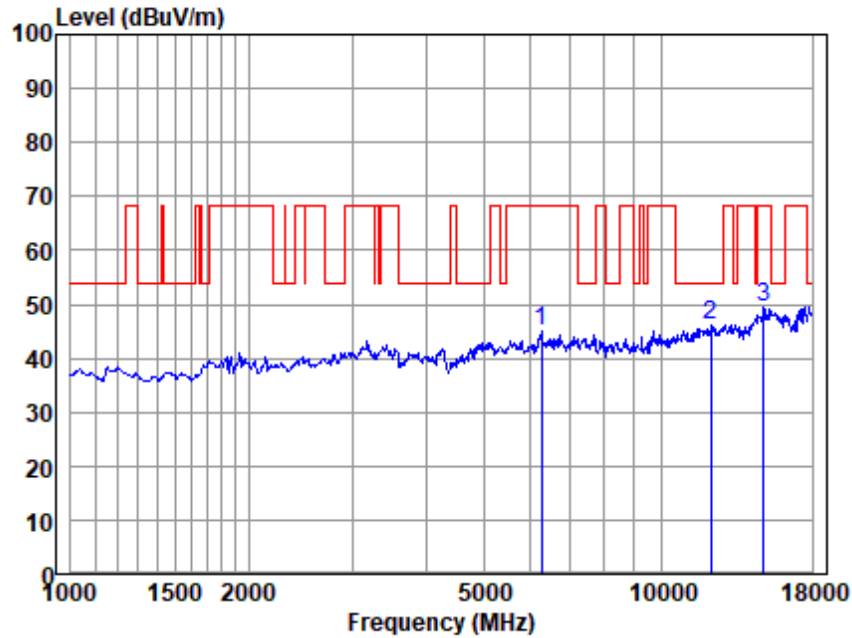
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6414.167	38.96	35.47	6.59	37.47	43.55	68.20	-24.65	Peak
11906.070	36.24	38.18	9.87	38.32	45.97	54.00	-8.03	Peak
17537.800	33.38	42.28	13.60	39.98	49.28	68.20	-18.92	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



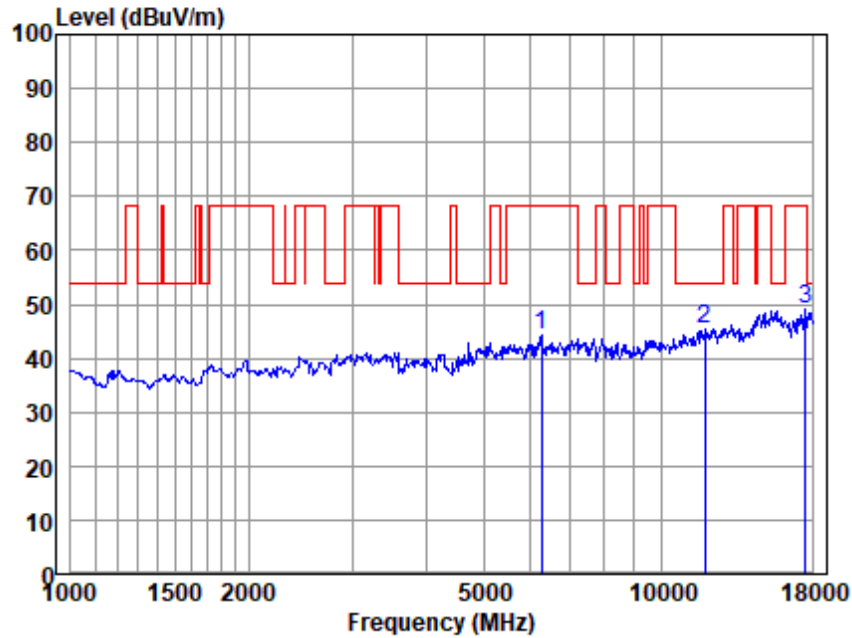
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6267.553	39.74	35.51	6.45	36.68	45.02	68.20	-23.18	Peak
12149.420	36.44	38.44	10.06	38.67	46.27	54.00	-7.73	Peak
14916.940	35.86	42.65	11.97	40.99	49.49	68.20	-18.71	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



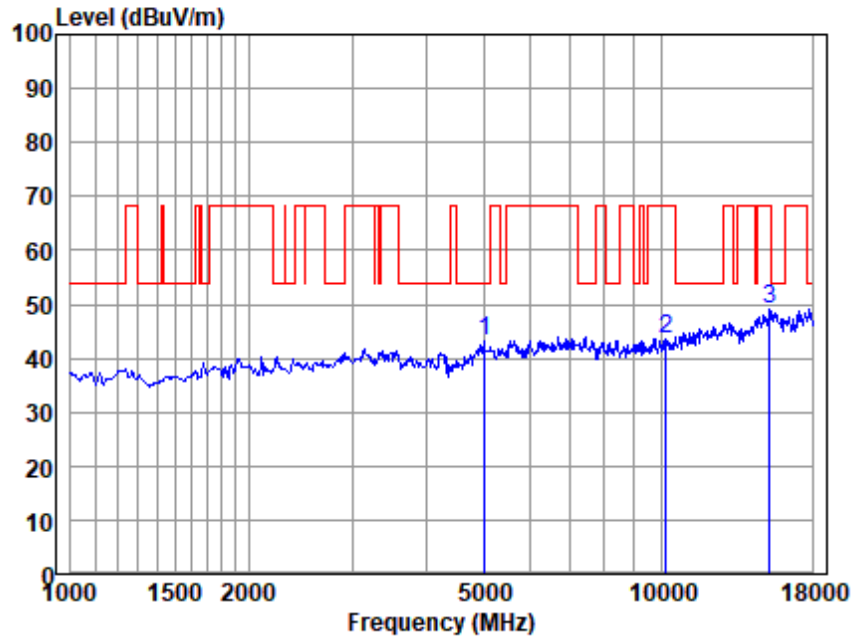
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6267.553	39.00	35.51	6.45	36.68	44.28	68.20	-23.92	Peak
11837.450	35.57	38.18	9.82	38.07	45.50	54.00	-8.50	Peak
17537.800	33.07	42.28	13.60	39.98	48.97	68.20	-19.23	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



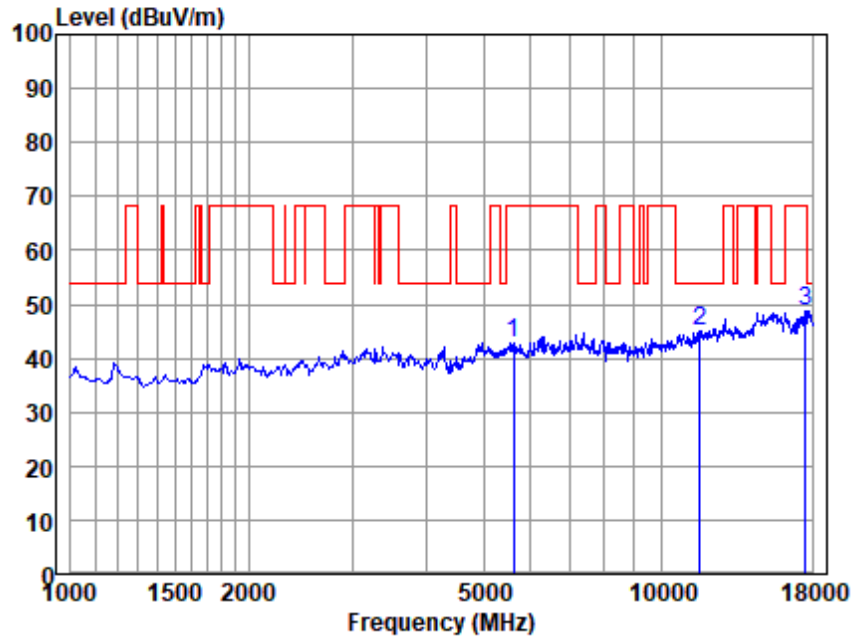
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5016.977	40.87	33.69	5.39	36.84	43.11	54.00	-10.89	Peak
10185.530	34.30	37.80	8.98	37.46	43.62	68.20	-24.58	Peak
15265.880	35.54	43.33	12.18	41.83	49.22	68.20	-18.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



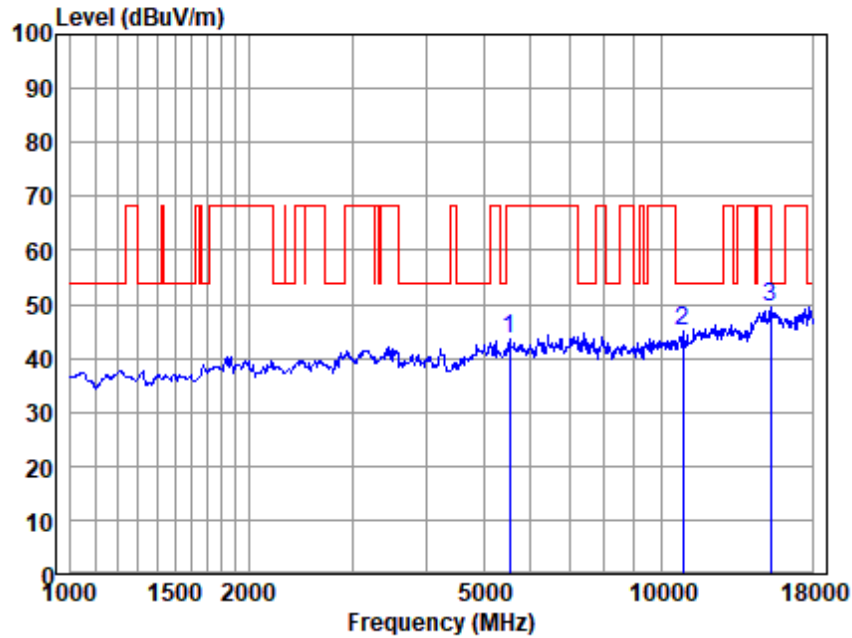
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5631.875	39.59	34.53	5.80	37.00	42.92	68.20	-25.28	Peak
11633.930	34.49	38.29	9.66	37.31	45.13	54.00	-8.87	Peak
17537.800	32.91	42.28	13.60	39.98	48.81	68.20	-19.39	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



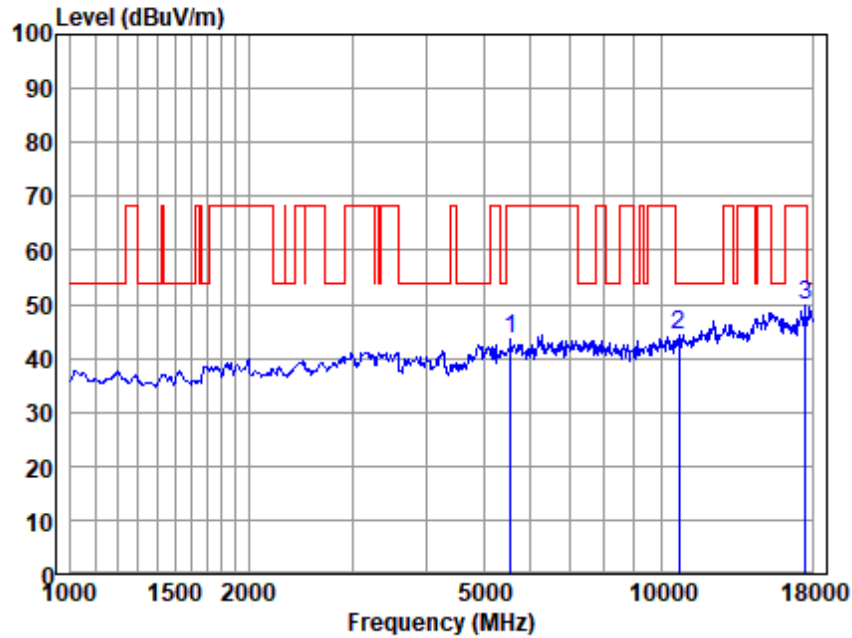
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5535.047	40.22	34.52	5.74	36.99	43.49	68.20	-24.71	Peak
10885.670	34.35	38.28	9.26	36.84	45.05	54.00	-8.95	Peak
15310.070	35.67	43.48	12.21	41.83	49.53	68.20	-18.67	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



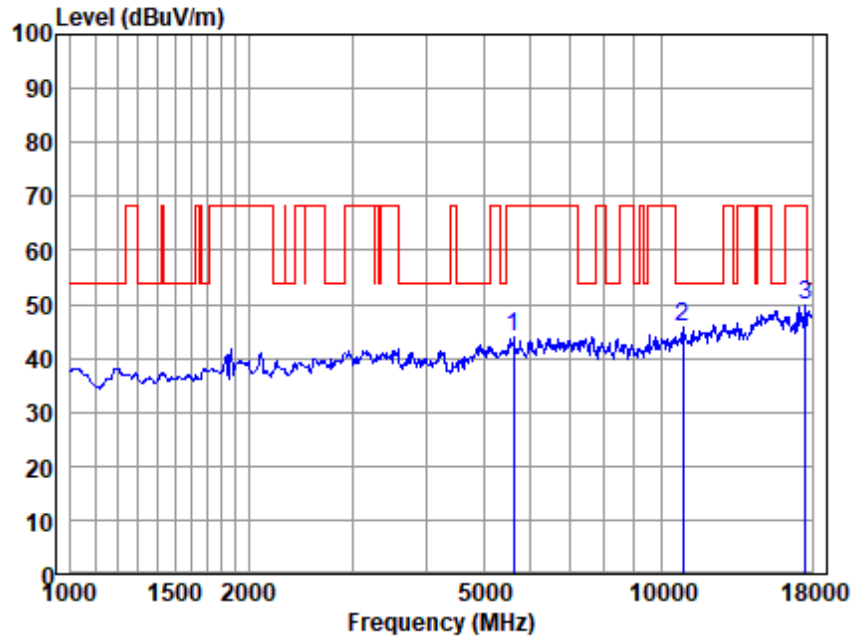
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5551.069	40.21	34.52	5.75	36.99	43.49	68.20	-24.71	Peak
10698.510	34.92	38.07	9.19	37.74	44.44	54.00	-9.56	Peak
17537.800	34.08	42.28	13.60	39.98	49.98	68.20	-18.22	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



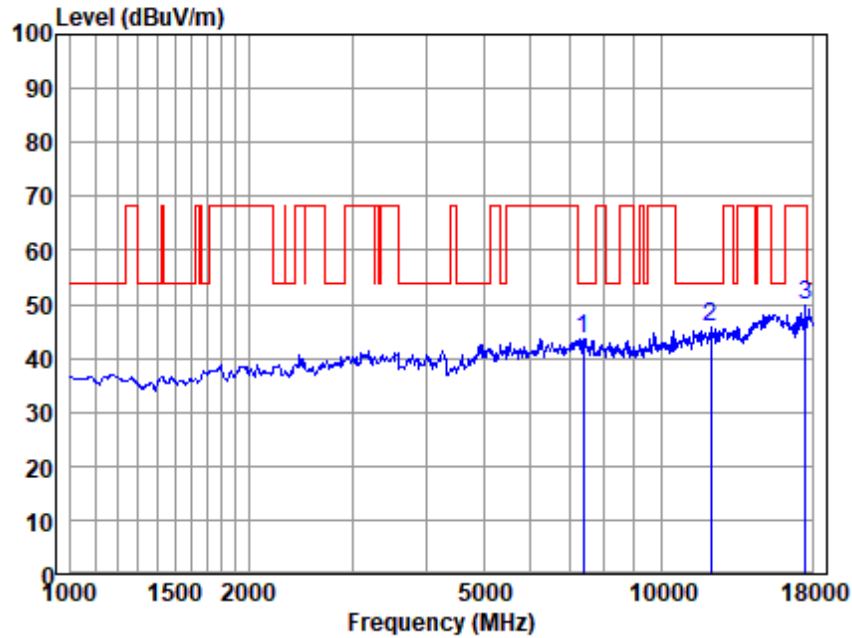
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5631.875	40.56	34.53	5.80	37.00	43.89	68.20	-24.31	Peak
10885.670	34.91	38.28	9.26	36.84	45.61	54.00	-8.39	Peak
17537.800	34.01	42.28	13.60	39.98	49.91	68.20	-18.29	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



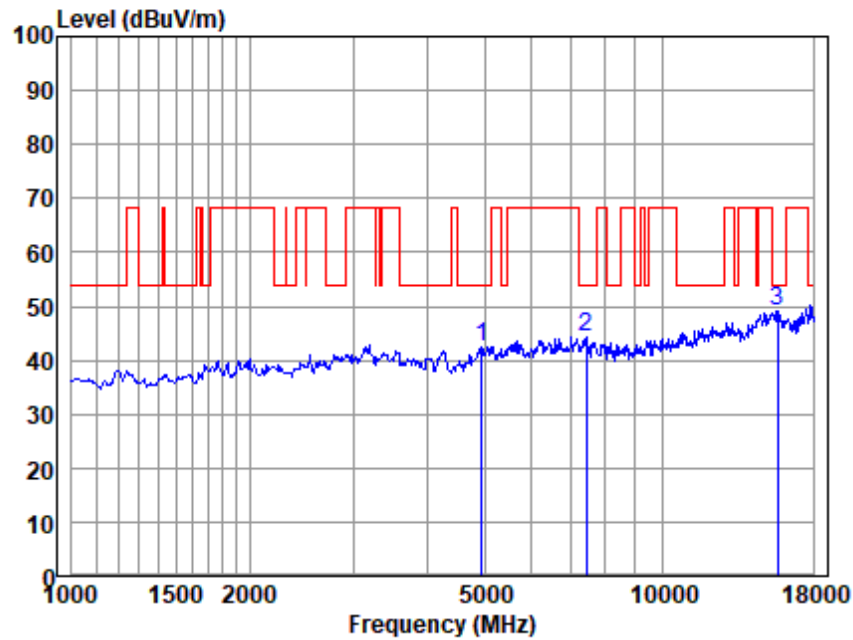
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
7390.070	37.19	36.36	7.49	37.37	43.67	54.00	-10.33	Peak
12114.350	36.09	38.41	10.03	38.68	45.85	54.00	-8.15	Peak
17537.800	33.82	42.28	13.60	39.98	49.72	68.20	-18.48	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



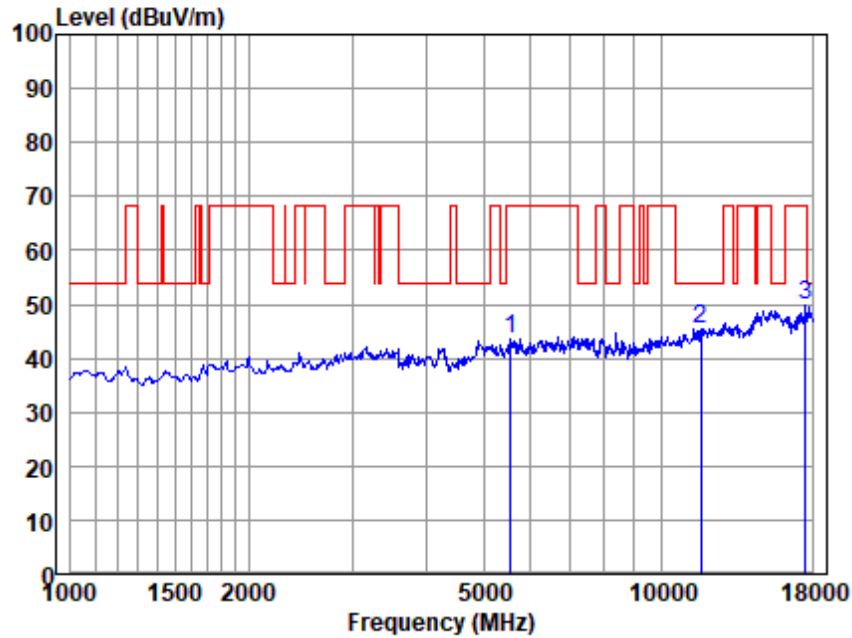
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4944.993	40.32	33.63	5.33	36.82	42.46	54.00	-11.54	Peak
7432.914	37.79	36.31	7.53	37.34	44.29	54.00	-9.71	Peak
15668.210	34.48	43.09	12.42	40.81	49.18	54.00	-4.82	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



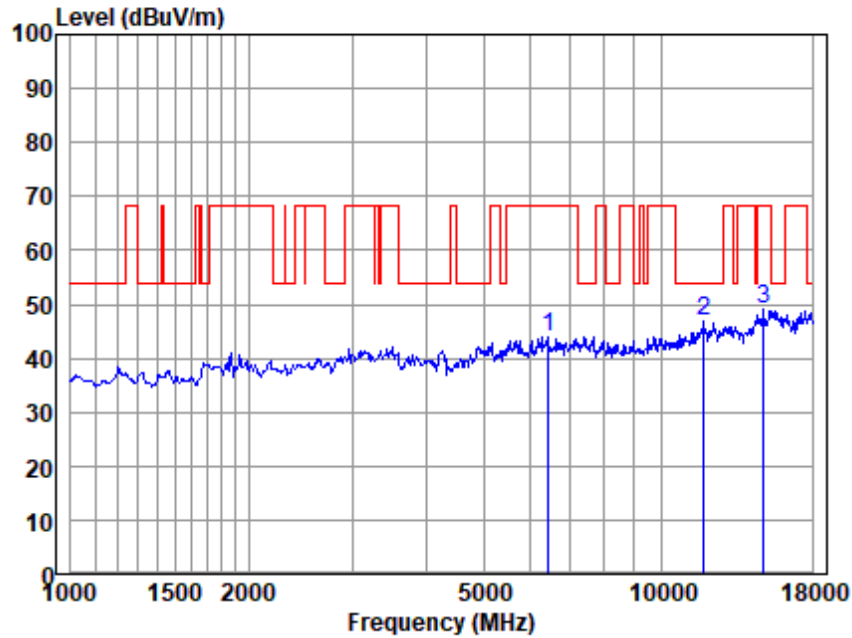
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5567.137	40.35	34.52	5.76	36.99	43.64	68.20	-24.56	Peak
11667.600	35.06	38.27	9.68	37.44	45.57	54.00	-8.43	Peak
17537.800	34.07	42.28	13.60	39.98	49.97	68.20	-18.23	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



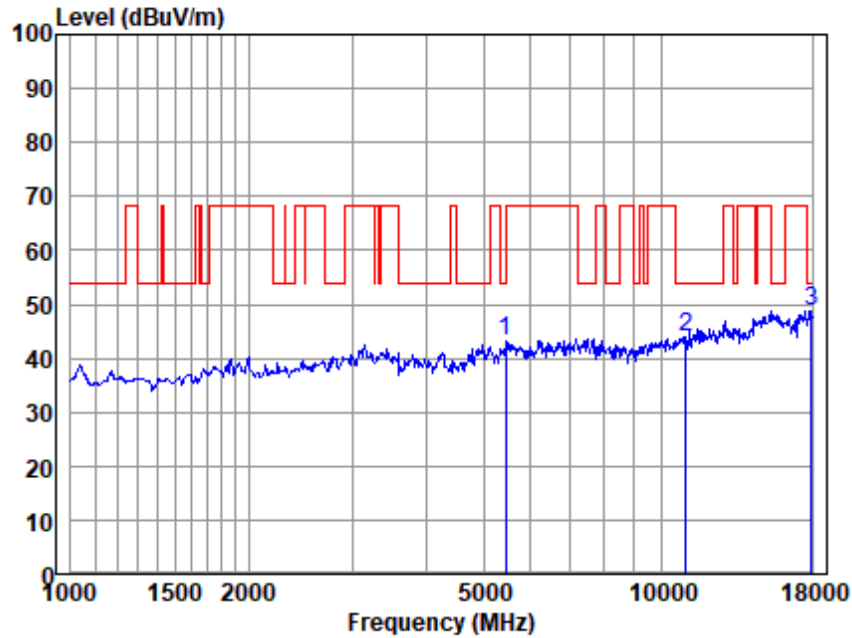
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6432.732	39.42	35.45	6.61	37.45	44.03	68.20	-24.17	Peak
11803.280	37.00	38.19	9.79	37.94	47.04	54.00	-6.96	Peak
14916.940	35.34	42.65	11.97	40.99	48.97	68.20	-19.23	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



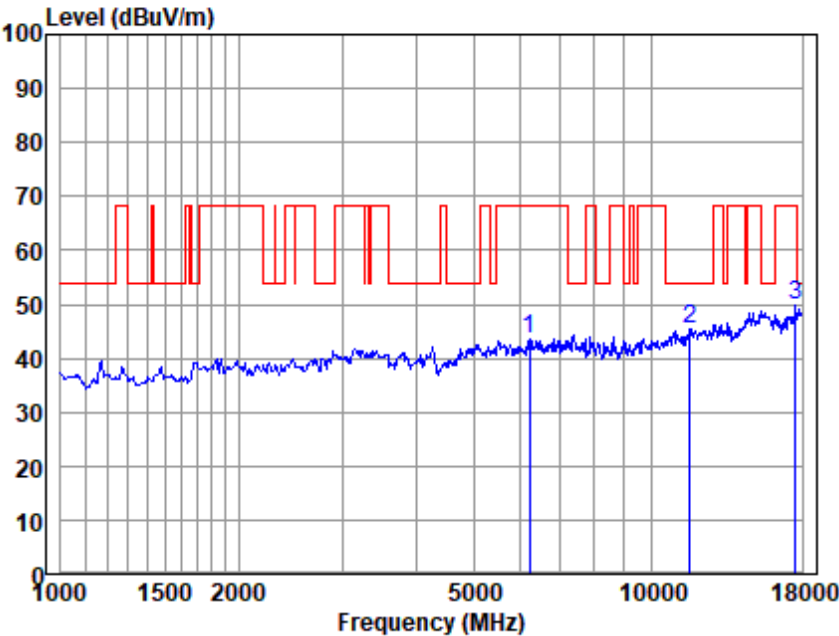
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5439.885	40.11	34.42	5.68	36.96	43.25	54.00	-10.75	Peak
11012.250	34.28	38.27	9.31	37.91	43.95	54.00	-10.05	Peak
17948.050	32.57	42.88	13.85	40.44	48.86	54.00	-5.14	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

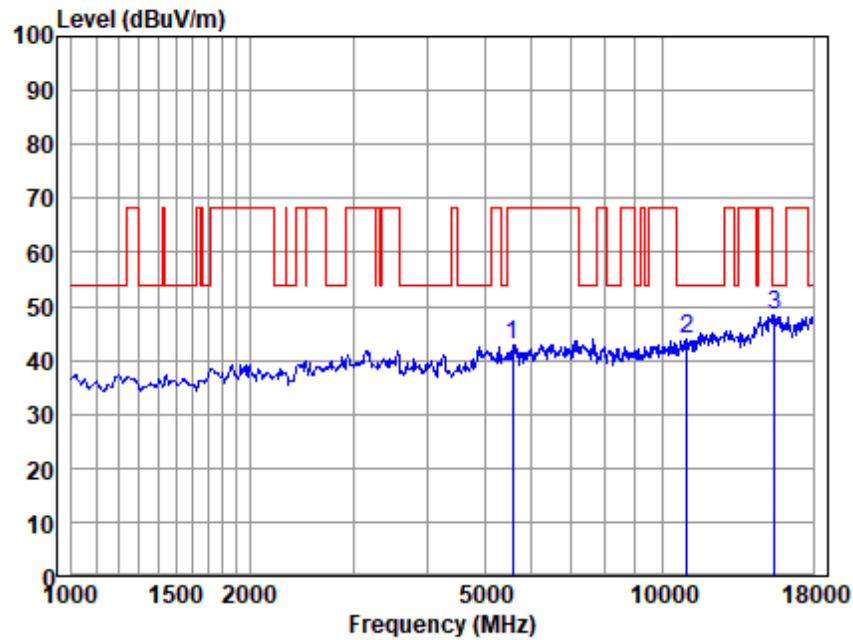


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6213.441	38.40	35.48	6.39	36.75	43.52	68.20	-24.68	Peak
11633.930	34.88	38.29	9.66	37.31	45.52	54.00	-8.48	Peak
17537.800	34.06	42.28	13.60	39.98	49.96	68.20	-18.24	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



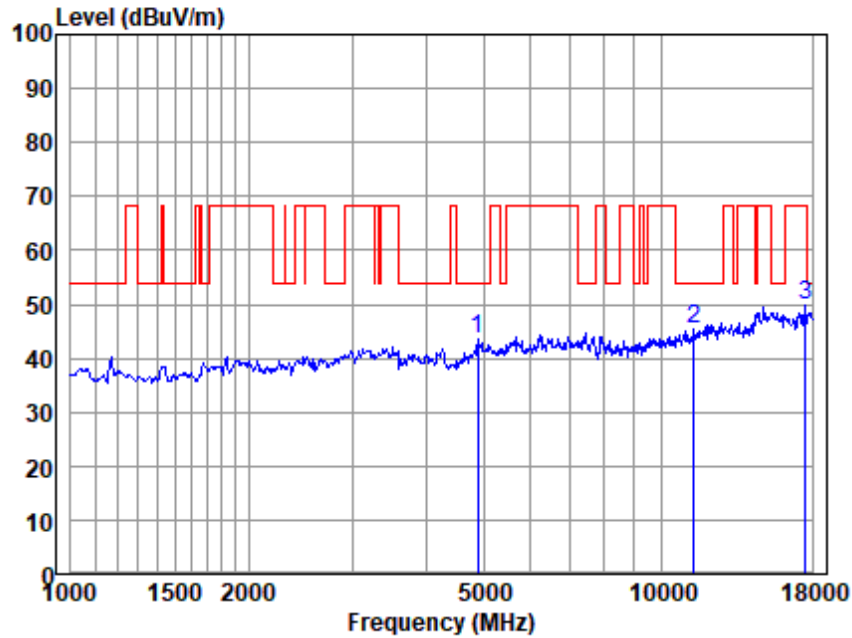
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5583.251	39.54	34.52	5.77	36.99	42.84	68.20	-25.36	Peak
11012.250	34.28	38.27	9.31	37.91	43.95	54.00	-10.05	Peak
15488.110	34.36	43.55	12.32	41.82	48.41	54.00	-5.59	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



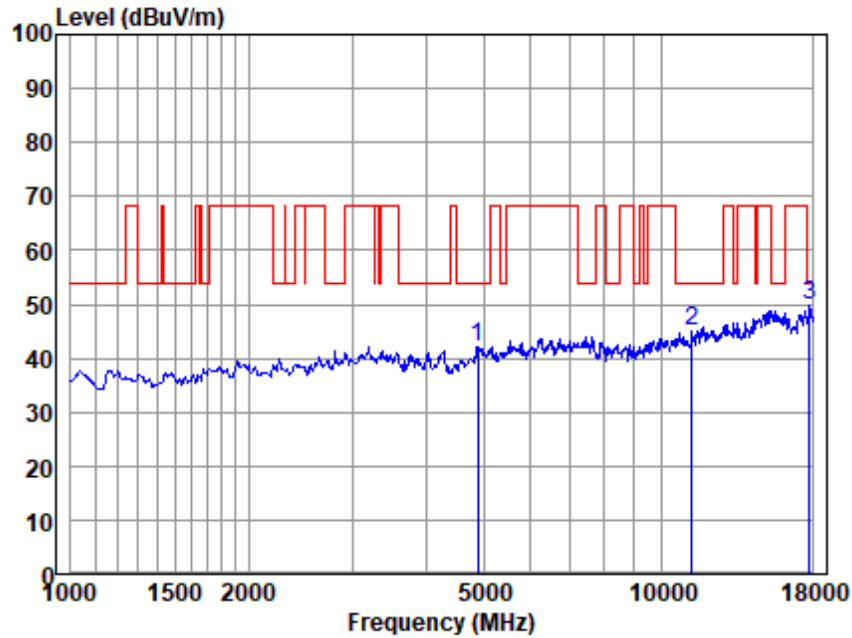
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4888.151	41.23	33.66	5.29	36.81	43.37	54.00	-10.63	Peak
11368.000	35.01	38.27	9.44	37.30	45.42	54.00	-8.58	Peak
17537.800	33.92	42.28	13.60	39.98	49.82	68.20	-18.38	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



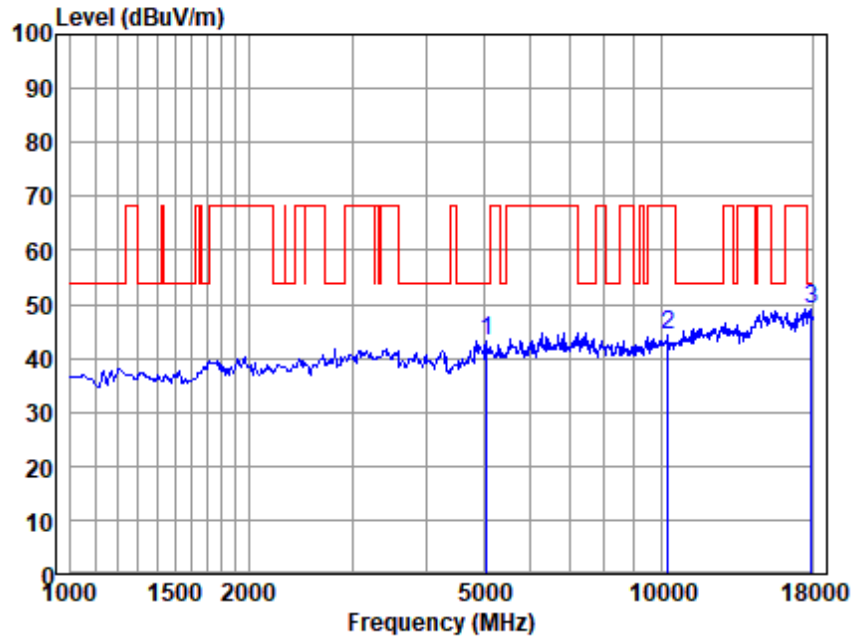
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
4888.151	40.00	33.66	5.29	36.81	42.14	54.00	-11.86	Peak
11269.860	35.17	38.28	9.40	37.92	44.93	54.00	-9.07	Peak
17793.090	33.79	42.90	13.75	40.64	49.80	54.00	-4.20	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



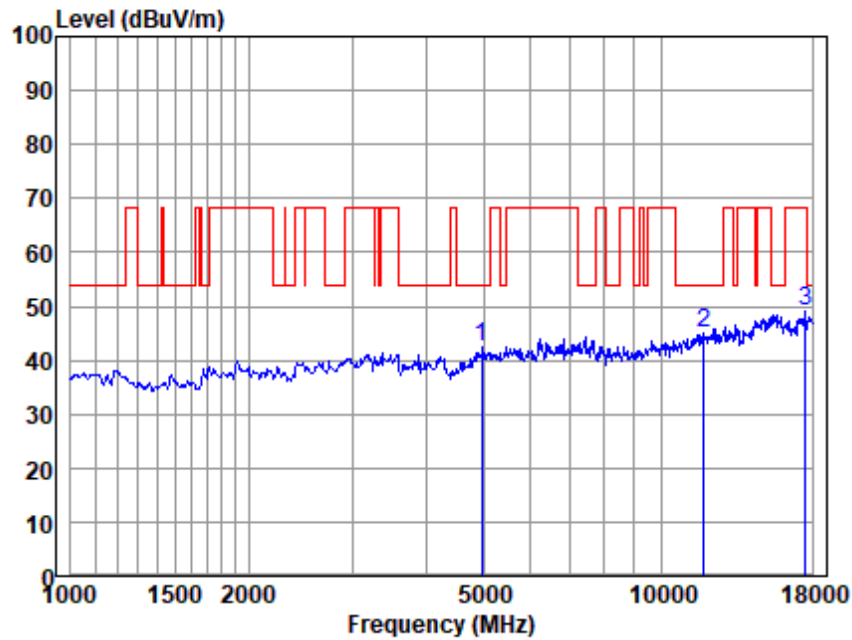
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5060.668	41.04	33.68	5.42	36.86	43.28	54.00	-10.72	Peak
10274.240	35.00	37.85	9.02	37.51	44.36	68.20	-23.84	Peak
17948.050	32.64	42.88	13.85	40.44	48.93	54.00	-5.07	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



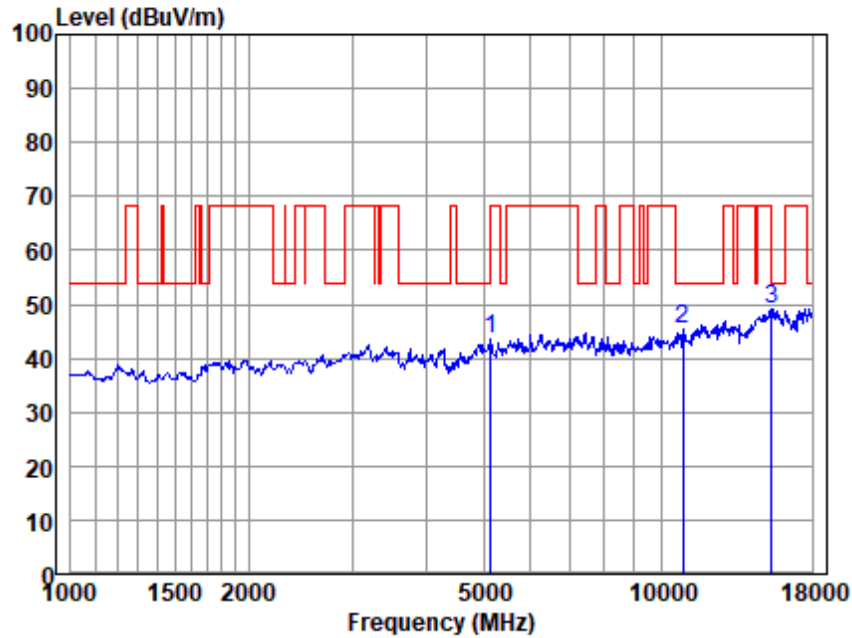
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4973.662	40.29	33.66	5.36	36.83	42.48	54.00	-11.52	Peak
11803.280	34.92	38.19	9.79	37.94	44.96	54.00	-9.04	Peak
17537.800	33.21	42.28	13.60	39.98	49.11	68.20	-19.09	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



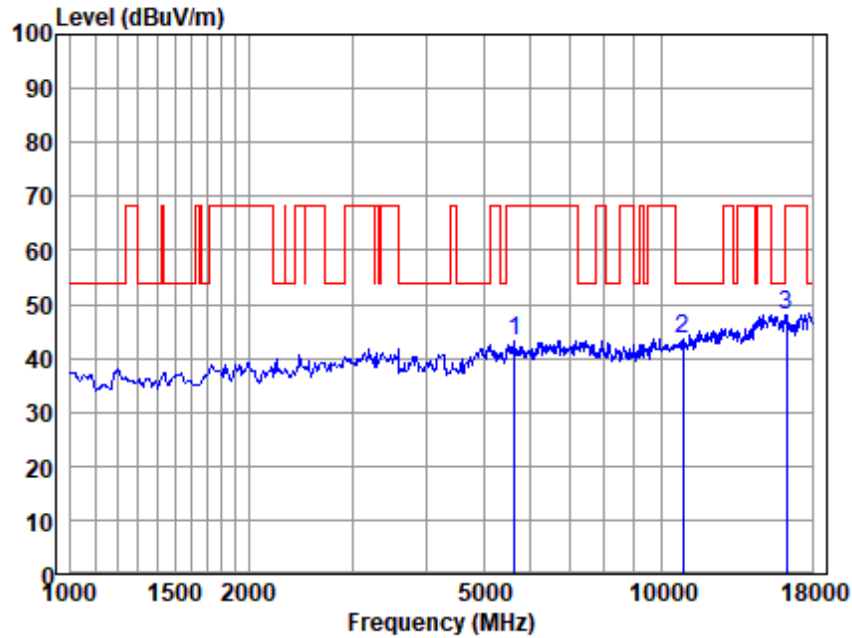
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5134.335	41.34	33.74	5.47	36.88	43.67	54.00	-10.33	Peak
10885.670	34.71	38.28	9.26	36.84	45.41	54.00	-8.59	Peak
15398.830	35.13	43.68	12.26	41.83	49.24	54.00	-4.76	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



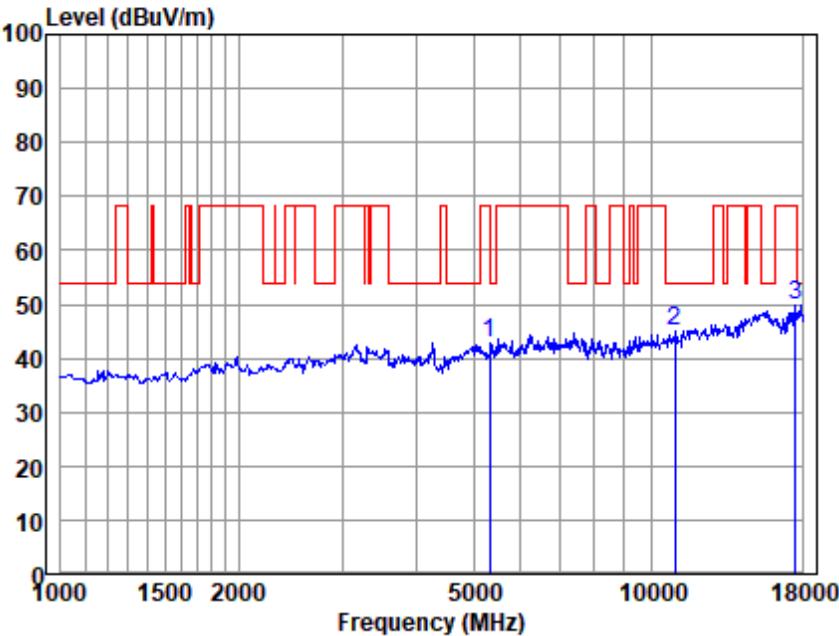
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5648.176	39.74	34.53	5.81	37.00	43.08	68.20	-25.12	Peak
10885.670	32.97	38.28	9.26	36.84	43.67	54.00	-10.33	Peak
16268.140	33.64	42.12	12.78	40.49	48.05	68.20	-20.15	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

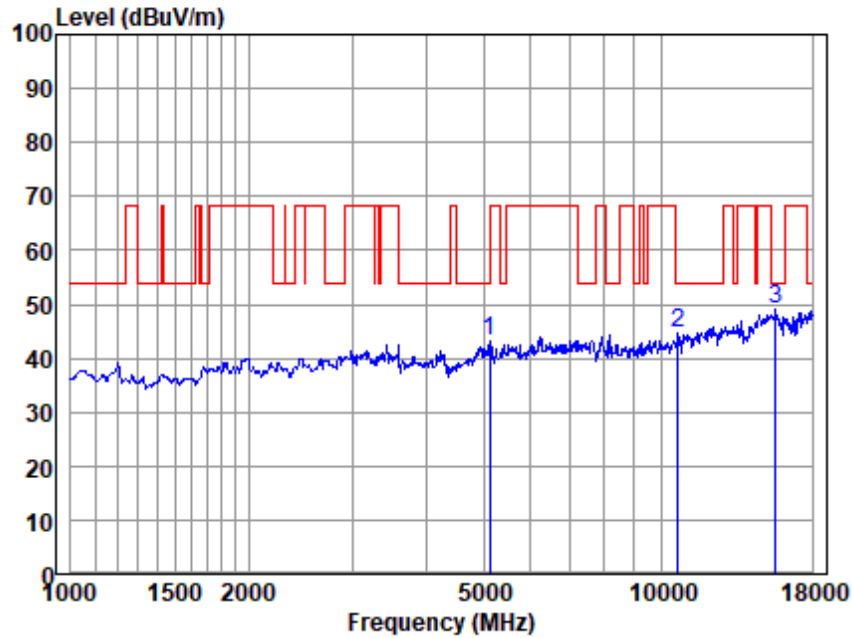


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5330.928	39.85	34.17	5.60	36.93	42.69	68.20	-25.51	Peak
10980.470	35.32	38.26	9.30	37.89	44.99	54.00	-9.01	Peak
17537.800	33.93	42.28	13.60	39.98	49.83	68.20	-18.37	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



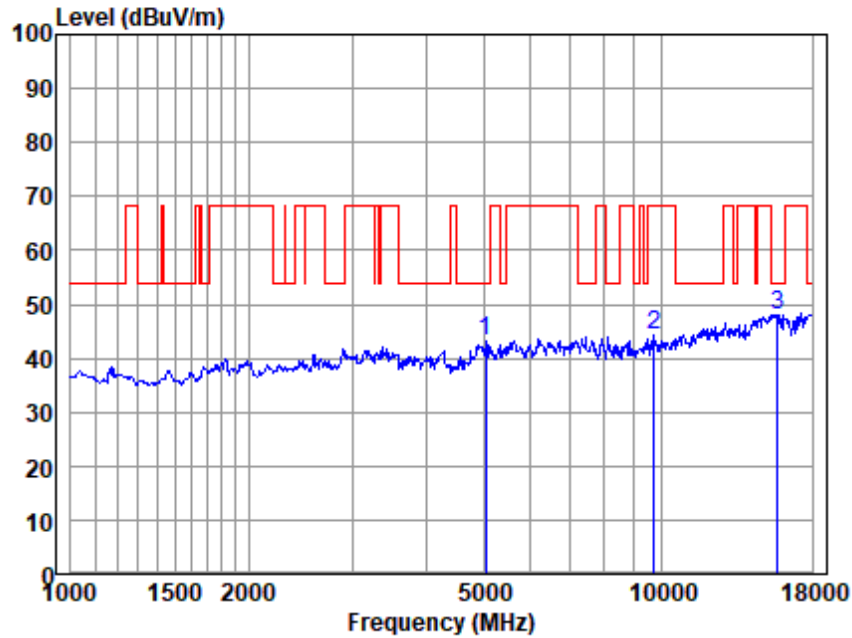
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5119.517	40.80	33.71	5.46	36.87	43.10	54.00	-10.90	Peak
10667.640	35.05	38.04	9.18	37.73	44.54	54.00	-9.46	Peak
15622.990	34.27	43.19	12.40	40.81	49.05	54.00	-4.95	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



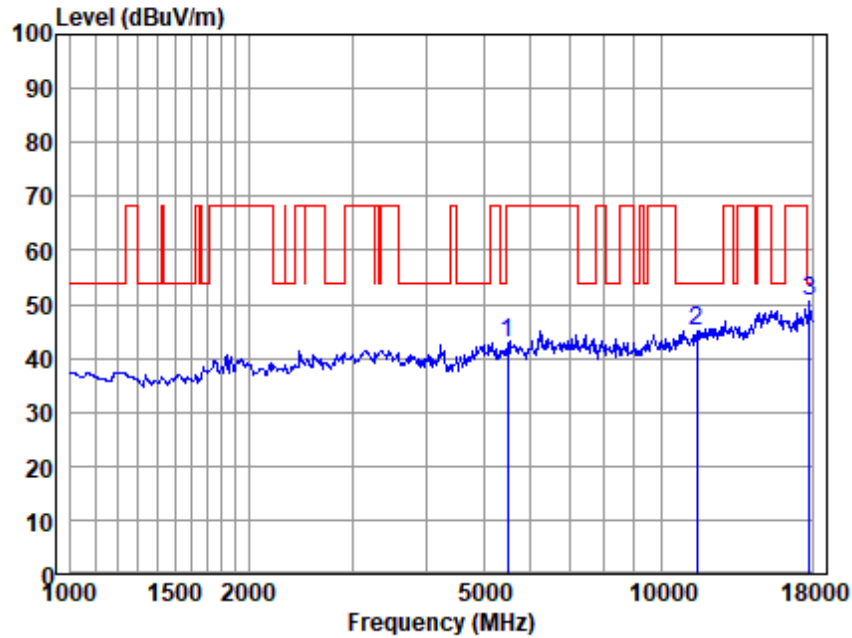
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5046.062	40.87	33.69	5.41	36.85	43.12	54.00	-10.88	Peak
9725.221	35.55	37.58	8.79	37.52	44.40	68.20	-23.80	Peak
15713.560	33.49	42.93	12.45	40.81	48.06	54.00	-5.94	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



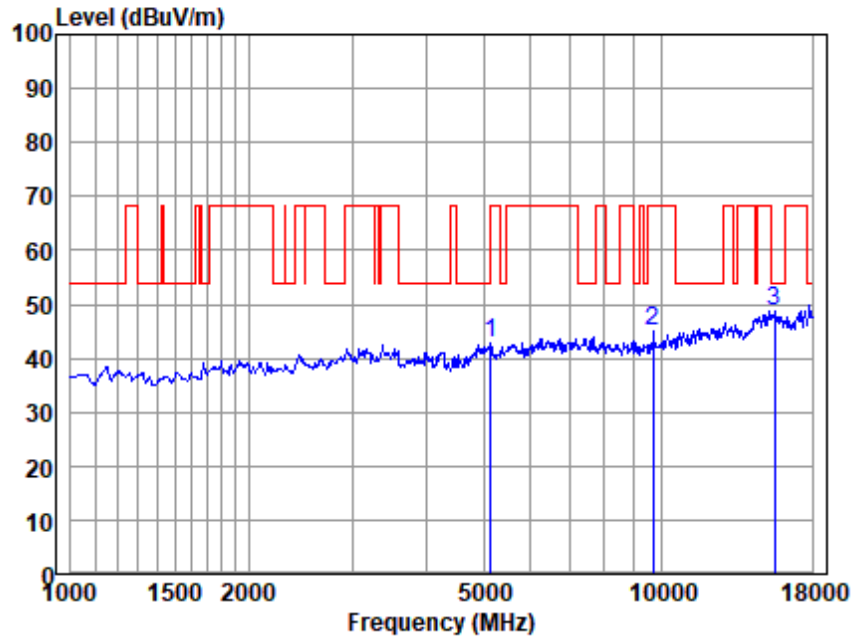
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5503.143	39.66	34.52	5.72	36.98	42.92	68.20	-25.28	Peak
11500.200	35.07	38.30	9.55	37.80	45.12	54.00	-8.88	Peak
17793.090	34.52	42.90	13.75	40.64	50.53	54.00	-3.47	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



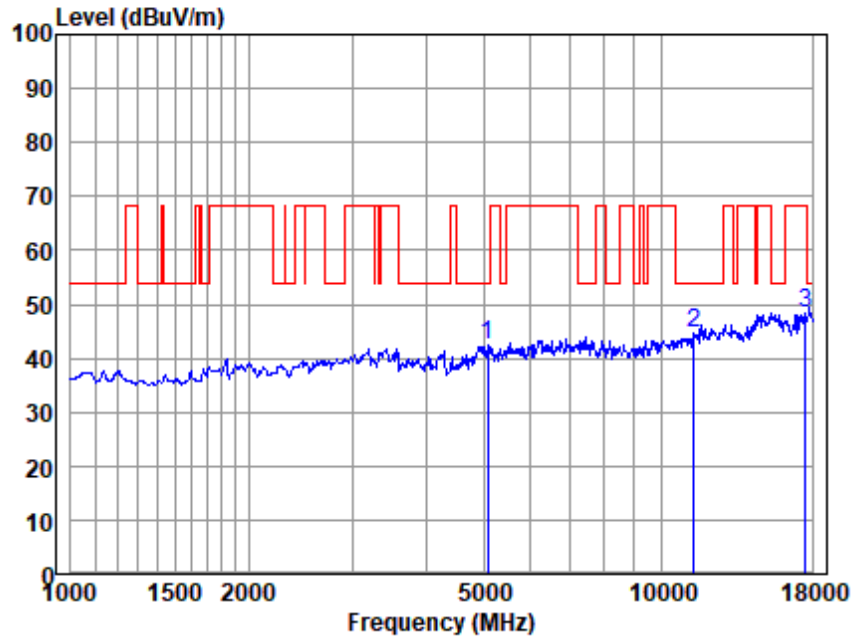
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5149.197	40.58	33.78	5.48	36.88	42.96	54.00	-11.04	Peak
9697.151	36.10	37.62	8.78	37.53	44.97	68.20	-23.23	Peak
15577.900	33.96	43.29	12.37	40.81	48.81	54.00	-5.19	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



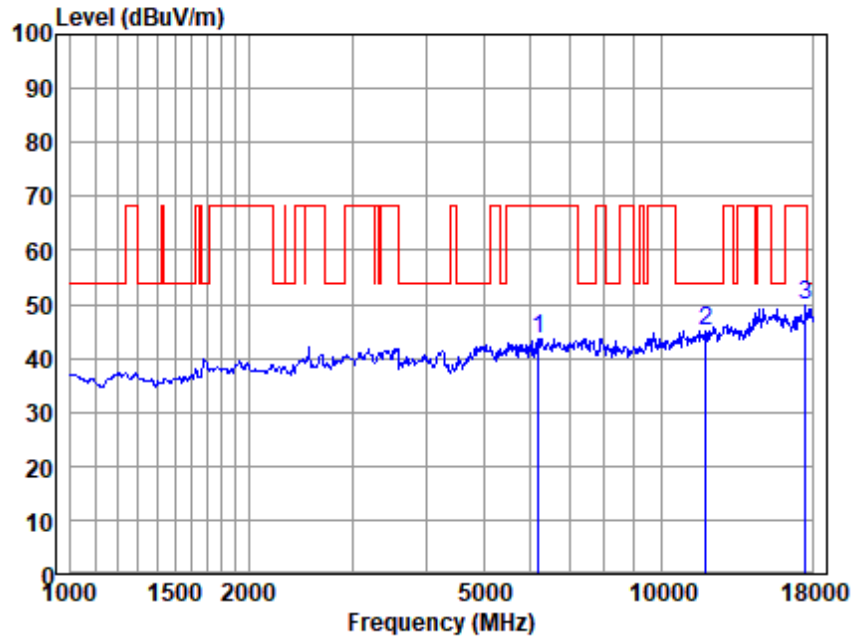
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5090.007	40.06	33.67	5.44	36.87	42.30	54.00	-11.70	Peak
11368.000	34.20	38.27	9.44	37.30	44.61	54.00	-9.39	Peak
17537.800	32.50	42.28	13.60	39.98	48.40	68.20	-19.80	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



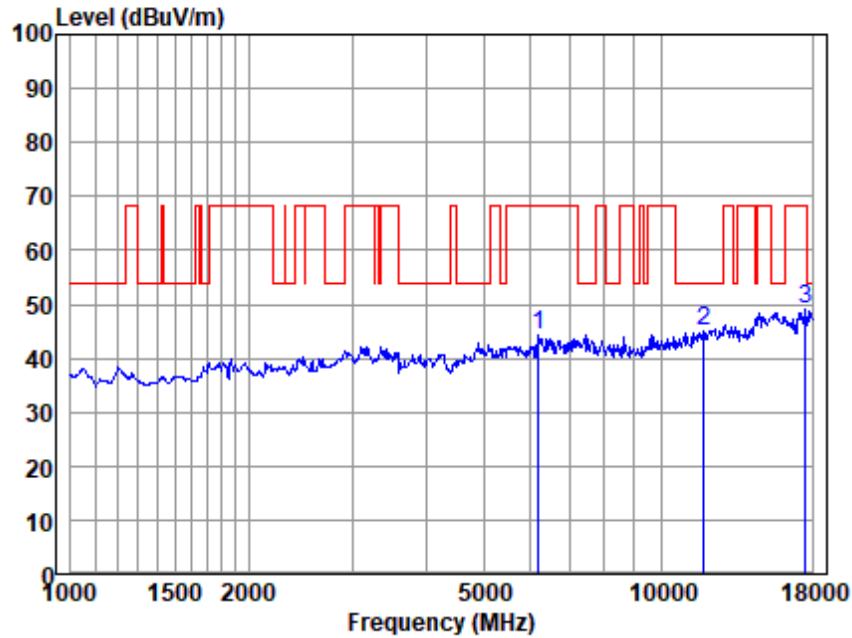
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	38.62	35.47	6.37	36.78	43.68	68.20	-24.52	Peak
11906.070	35.46	38.18	9.87	38.32	45.19	54.00	-8.81	Peak
17537.800	33.93	42.28	13.60	39.98	49.83	68.20	-18.37	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



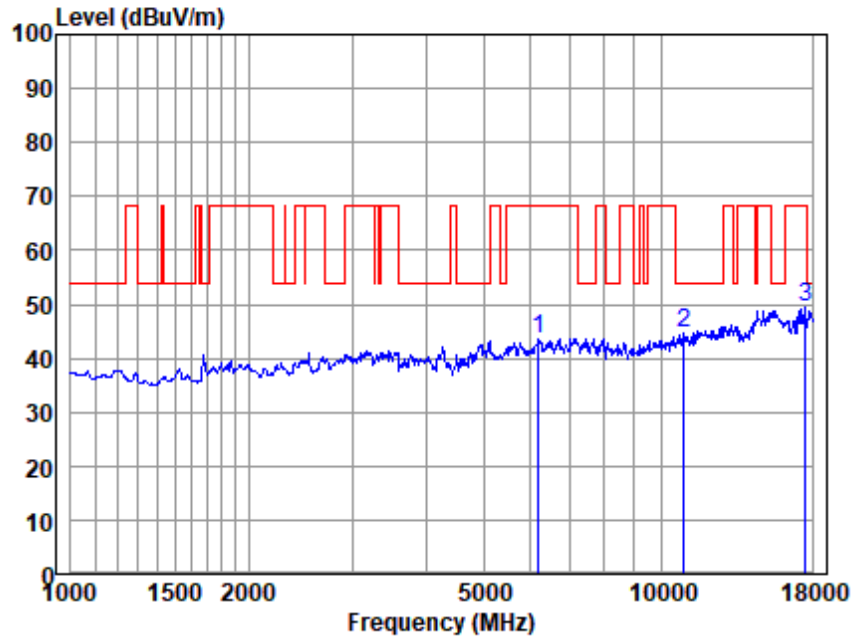
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	39.35	35.47	6.37	36.78	44.41	68.20	-23.79	Peak
11803.280	35.13	38.19	9.79	37.94	45.17	54.00	-8.83	Peak
17537.800	33.00	42.28	13.60	39.98	48.90	68.20	-19.30	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



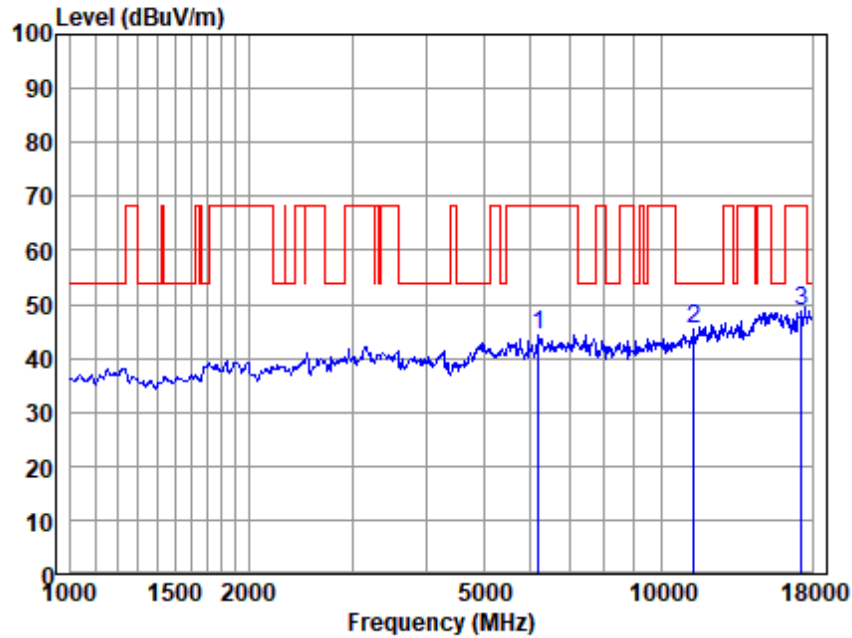
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	38.32	35.47	6.37	36.78	43.38	68.20	-24.82	Peak
10917.180	35.16	38.26	9.27	37.86	44.83	54.00	-9.17	Peak
17537.800	33.47	42.28	13.60	39.98	49.37	68.20	-18.83	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



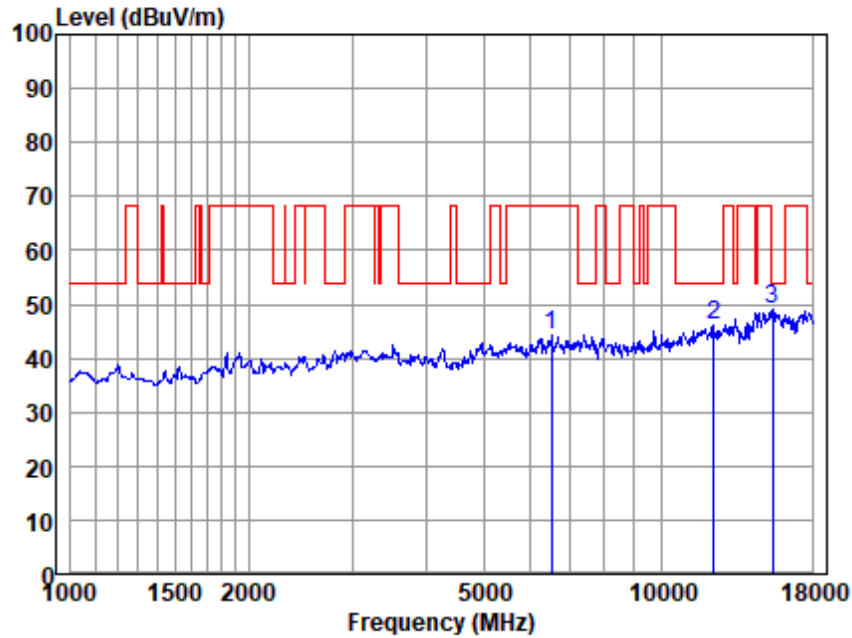
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6195.508	39.06	35.47	6.37	36.78	44.12	68.20	-24.08	Peak
11368.000	35.14	38.27	9.44	37.30	45.55	54.00	-8.45	Peak
17286.170	33.48	42.05	13.44	40.32	48.65	68.20	-19.55	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



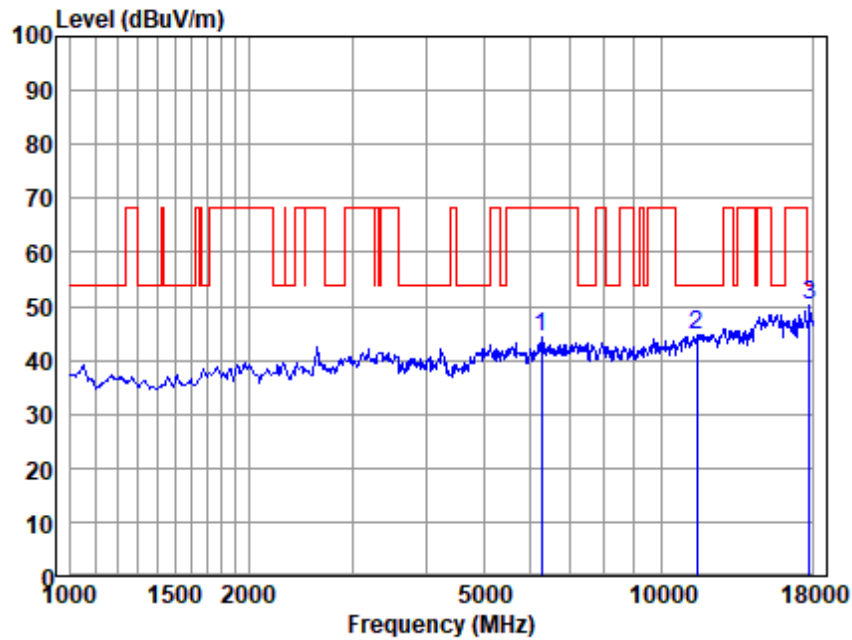
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6507.536	39.36	35.44	6.68	37.35	44.13	68.20	-24.07	Peak
12255.220	36.06	38.62	10.14	38.65	46.17	54.00	-7.83	Peak
15443.410	34.90	43.68	12.29	41.82	49.05	54.00	-4.95	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



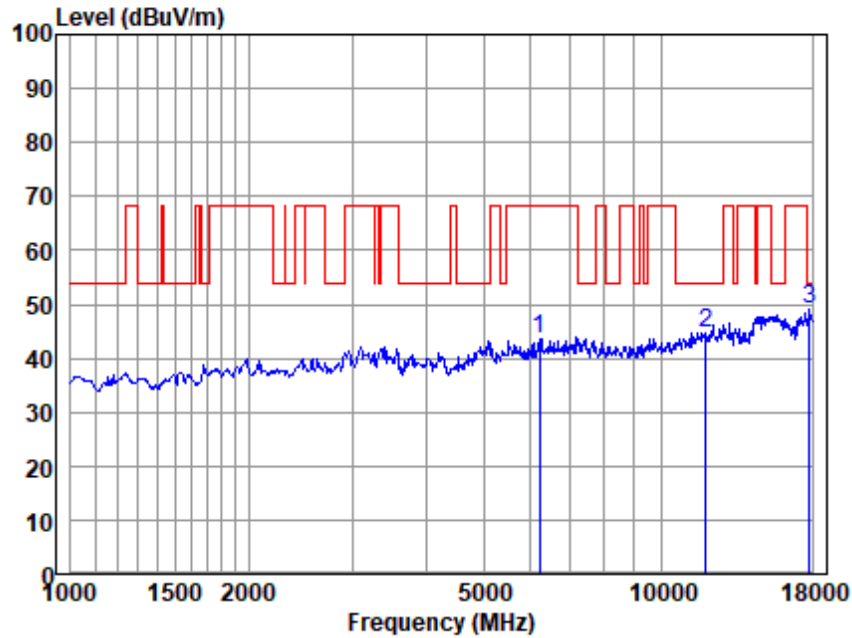
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
6267.553	39.13	35.51	6.45	36.68	44.41	68.20	-23.79	Peak
11467.000	34.71	38.28	9.52	37.68	44.83	54.00	-9.17	Peak
17793.090	34.03	42.90	13.75	40.64	50.04	54.00	-3.96	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



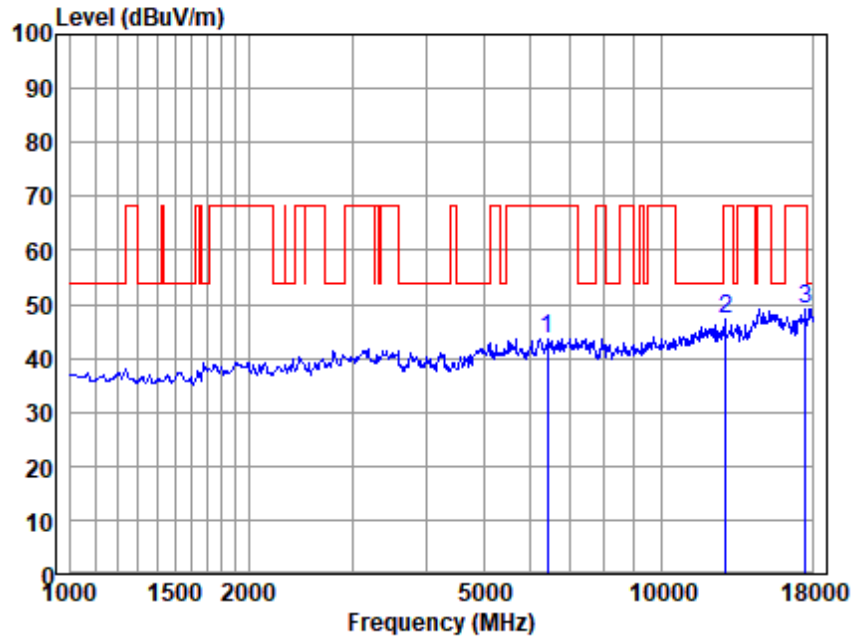
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6231.427	38.41	35.49	6.41	36.73	43.58	68.20	-24.62	Peak
11906.070	35.09	38.18	9.87	38.32	44.82	54.00	-9.18	Peak
17793.090	33.16	42.90	13.75	40.64	49.17	54.00	-4.83	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



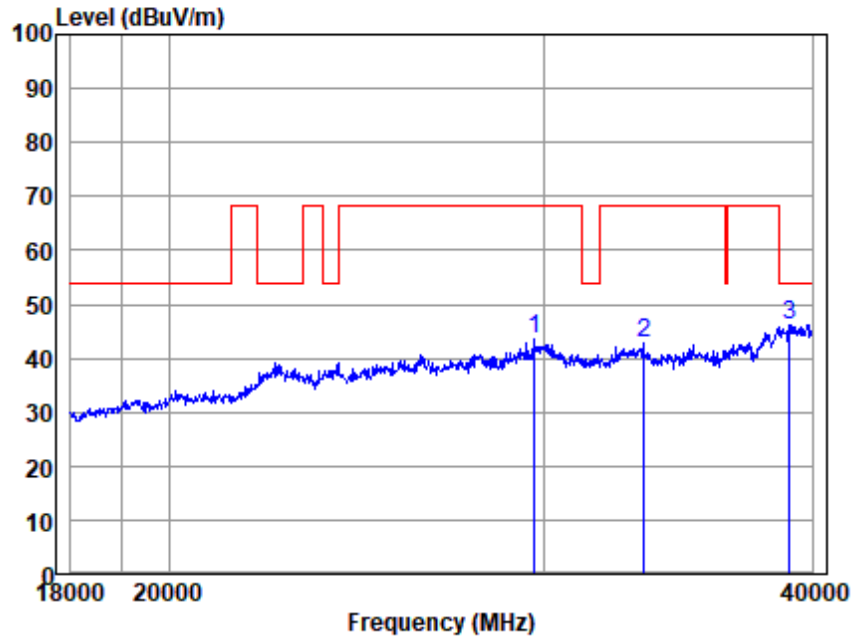
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
6414.167	39.06	35.47	6.59	37.47	43.65	68.20	-24.55	Peak
12835.290	37.09	39.05	10.57	39.52	47.19	68.20	-21.01	Peak
17537.800	33.28	42.28	13.60	39.98	49.18	68.20	-19.02	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



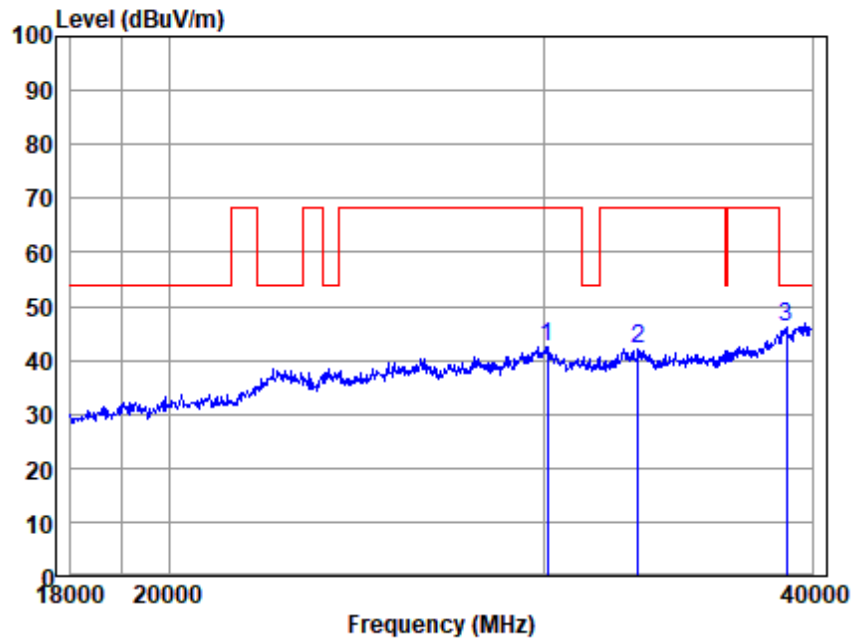
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
29649.320	54.67	40.22	3.99	55.19	43.69	68.20	-24.51	Peak
33368.700	54.35	41.12	3.76	56.49	42.74	68.20	-25.46	Peak
39022.000	54.34	43.60	4.72	56.60	46.06	54.00	-7.94	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
30078.550	52.33	40.48	4.00	54.40	42.41	68.20	-25.79	Peak
33182.700	53.35	41.61	3.77	56.60	42.13	68.20	-26.07	Peak
38897.570	54.27	43.52	4.71	56.36	46.14	54.00	-7.86	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

6.3 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.10.5 & 12.7.2

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/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

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 18.2 °C

Humidity: 30.8 % RH

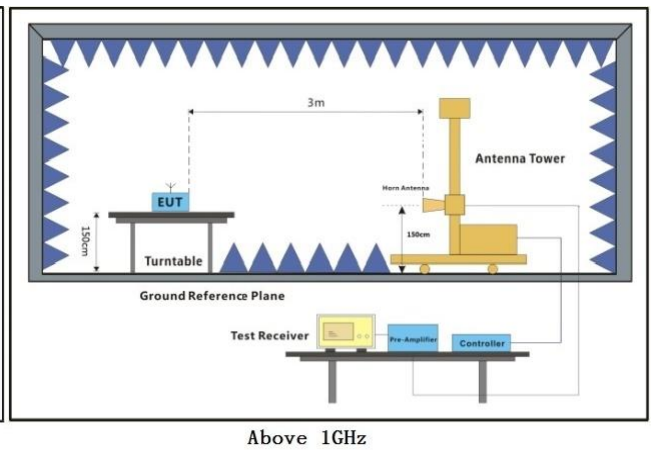
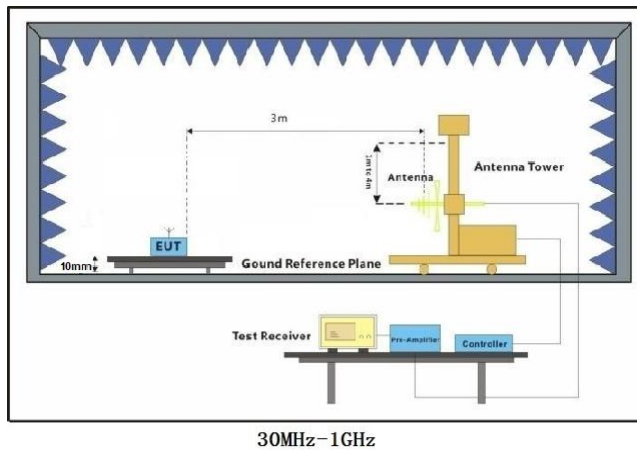
Atmospheric Pressure: 1010 mbar

6.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	03	TX mode (U-NII-1) Keep the EUT in continuously transmitting mode with all

		modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	05	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.
Final test	06	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.

6.3.3 Test Setup Diagram



6.3.4 Measurement Procedure and Data

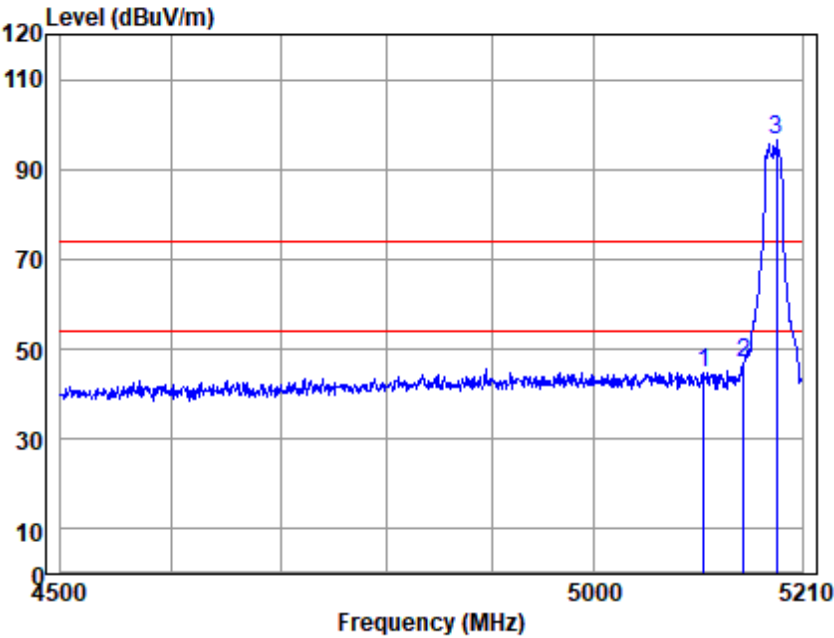
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters for table-top or 0.01 meters for floor-standing arrangement above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

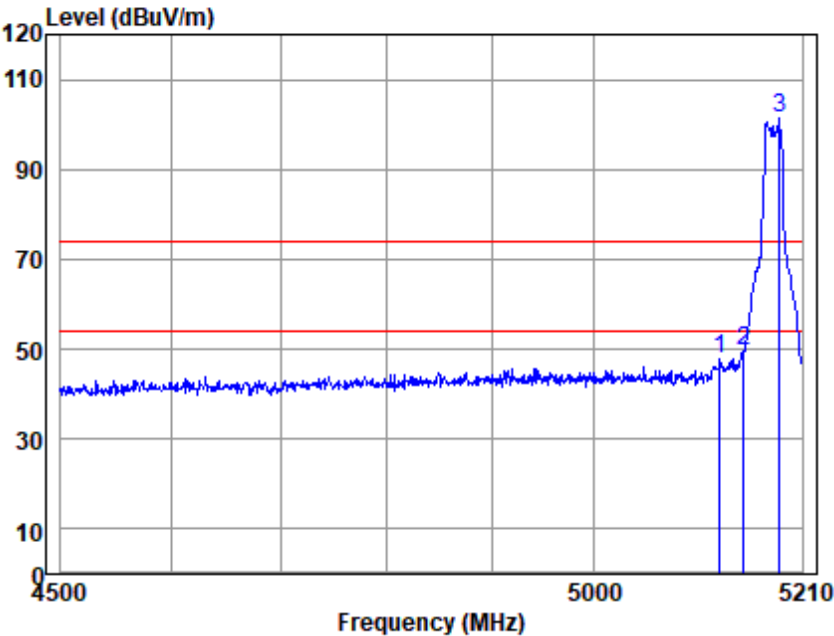


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5109.467	42.66	33.67	5.45	36.87	44.91	74.00	-29.09	Peak
5150.000	44.50	33.78	5.48	36.88	46.88	74.00	-27.12	Peak
5183.354	94.10	33.87	5.50	36.89	96.58	74.00	22.58	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

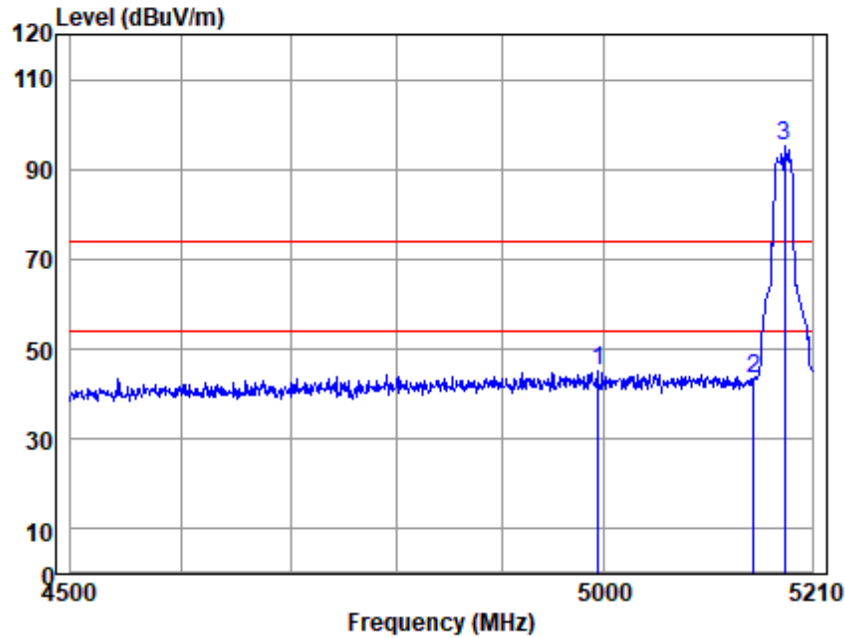


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5125.961	45.51	33.71	5.46	36.87	47.81	74.00	-26.19	Peak
5150.000	47.27	33.78	5.48	36.88	49.65	74.00	-24.35	Peak
5186.392	98.81	33.87	5.50	36.89	101.29	74.00	27.29	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



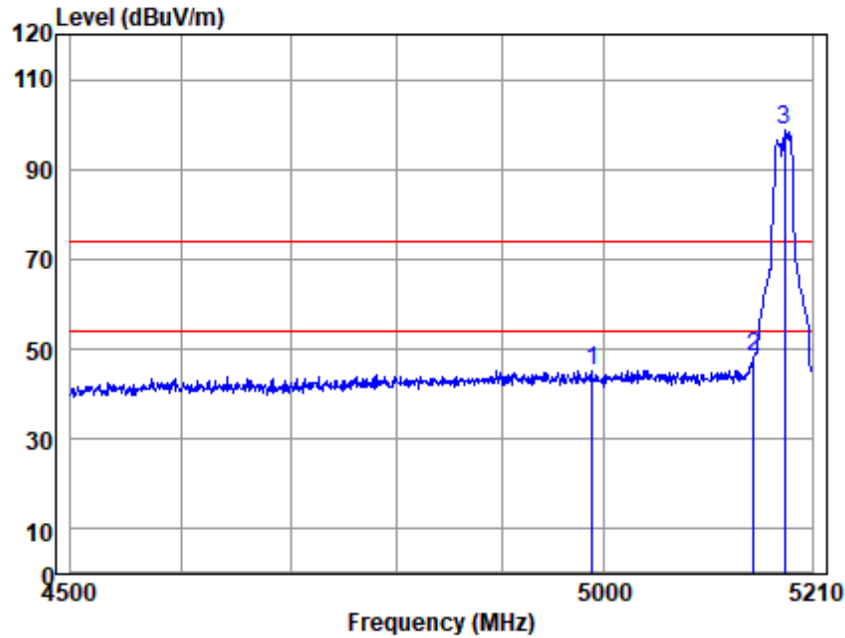
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
4994.017	42.96	33.67	5.37	36.84	45.16	74.00	-28.84	Peak
5150.000	41.11	33.78	5.48	36.88	43.49	74.00	-30.51	Peak
5181.835	92.87	33.87	5.50	36.89	95.35	74.00	21.35	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



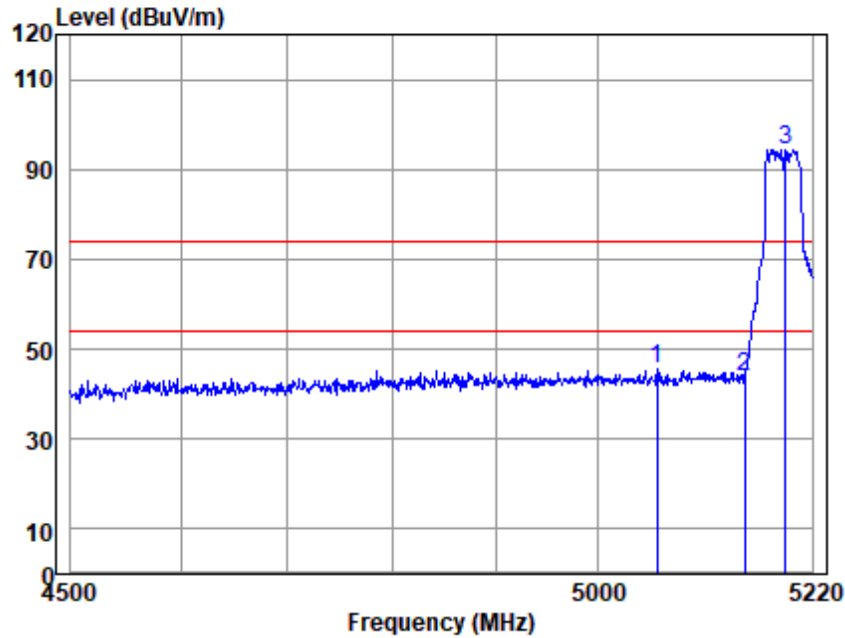
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
4988.167	43.13	33.67	5.37	36.84	45.33	74.00	-28.67	Peak
5150.000	45.93	33.78	5.48	36.88	48.31	74.00	-25.69	Peak
5181.835	96.22	33.87	5.50	36.89	98.70	74.00	24.70	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



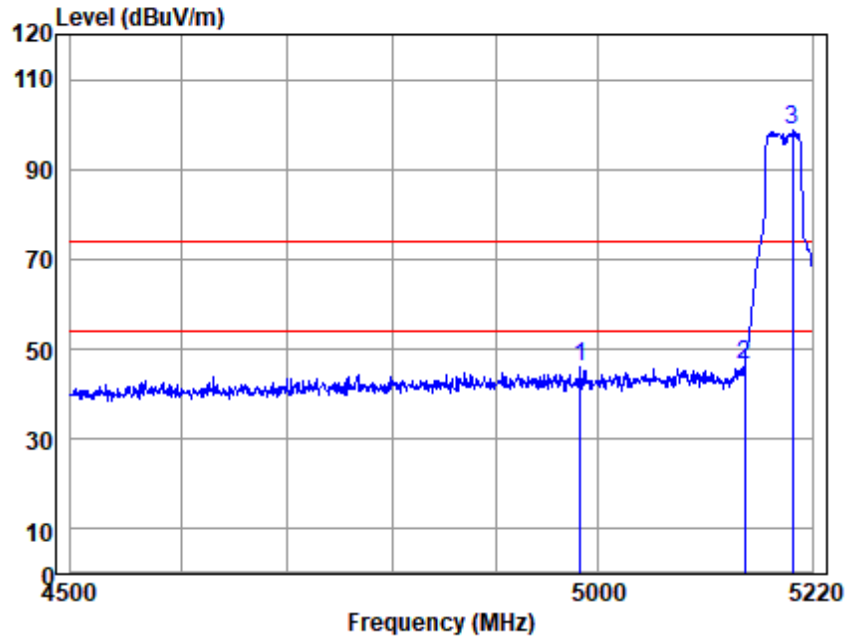
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5060.563	43.31	33.68	5.42	36.86	45.55	74.00	-28.45	Peak
5150.000	41.49	33.78	5.48	36.88	43.87	74.00	-30.13	Peak
5192.183	91.93	33.91	5.51	36.89	94.46	74.00	20.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



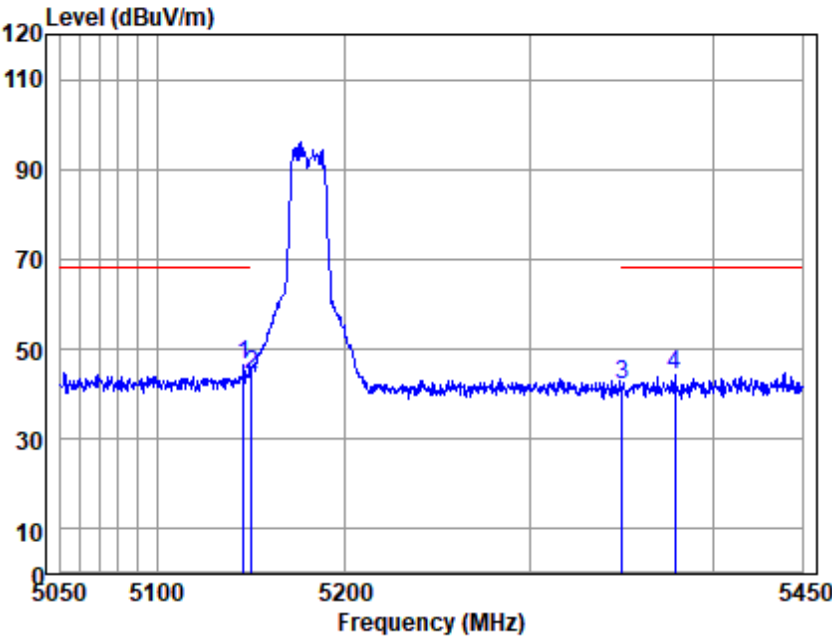
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4983.789	43.80	33.67	5.37	36.84	46.00	74.00	-28.00	Peak
5150.000	43.90	33.78	5.48	36.88	46.28	74.00	-27.72	Peak
5199.124	96.23	33.91	5.51	36.89	98.76	74.00	24.76	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

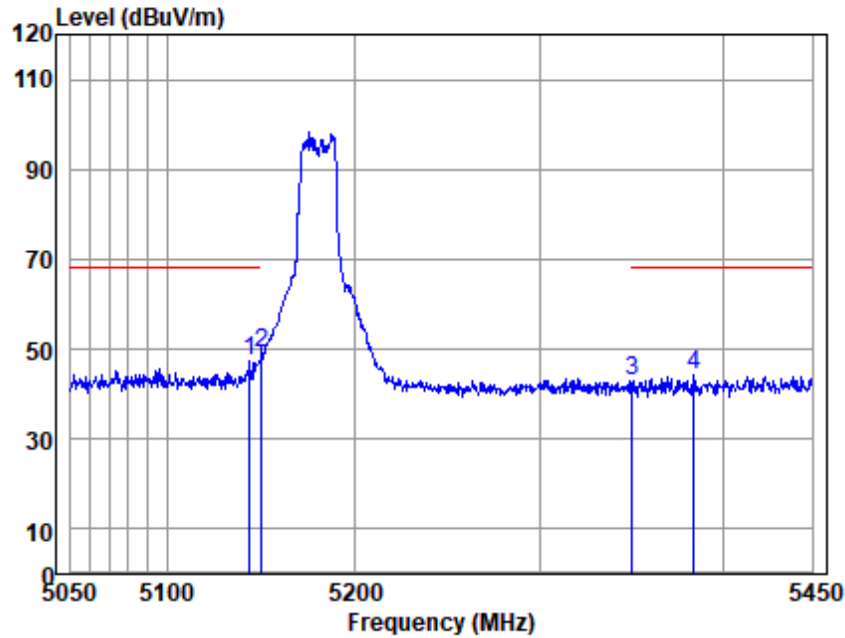


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5145.983	43.92	33.78	5.48	36.88	46.30	68.20	-21.90	Peak
5150.000	41.98	33.78	5.48	36.88	44.36	68.20	-23.84	Peak
5350.000	39.13	34.19	5.61	36.94	41.99	68.20	-26.21	Peak
5379.011	41.17	34.29	5.63	36.95	44.14	68.20	-24.06	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

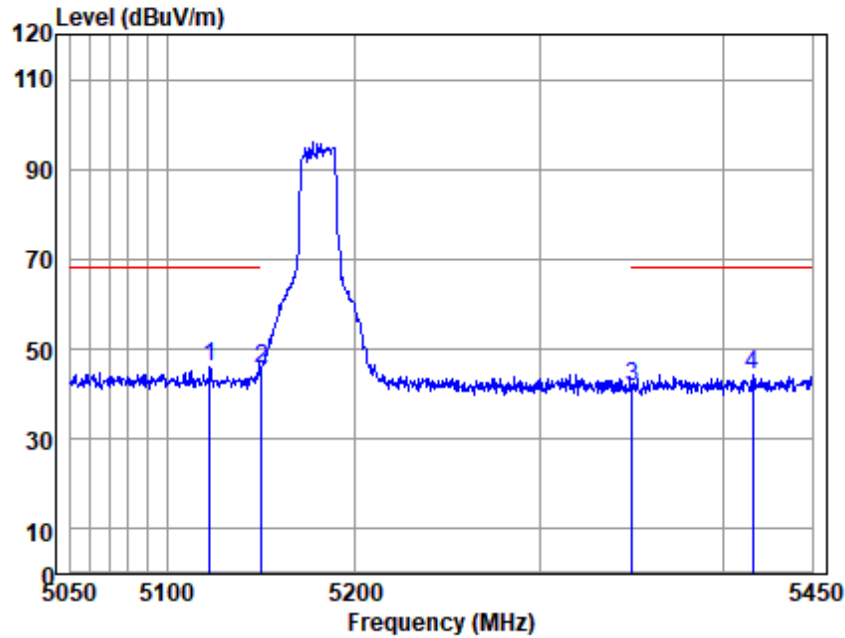


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5144.022	44.81	33.78	5.48	36.88	47.19	68.20	-21.01	Peak
5150.000	46.89	33.78	5.48	36.88	49.27	68.20	-18.93	Peak
5350.000	40.26	34.19	5.61	36.94	43.12	68.20	-25.08	Peak
5383.934	41.16	34.29	5.63	36.95	44.13	68.20	-24.07	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



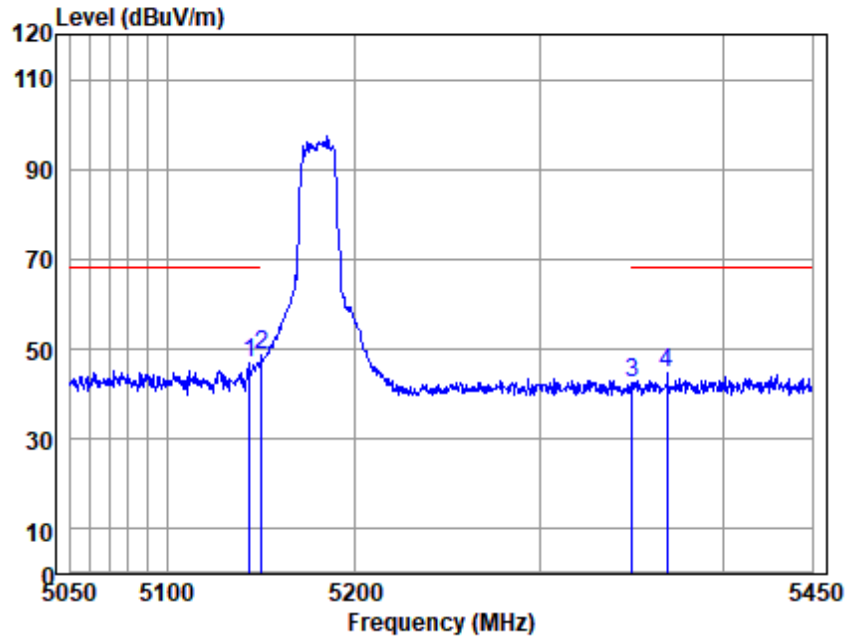
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5122.891	43.79	33.71	5.46	36.87	46.09	68.20	-22.11	Peak
5150.000	43.25	33.78	5.48	36.88	45.63	68.20	-22.57	Peak
5350.000	38.60	34.19	5.61	36.94	41.46	68.20	-26.74	Peak
5416.866	41.20	34.39	5.66	36.96	44.29	68.20	-23.91	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



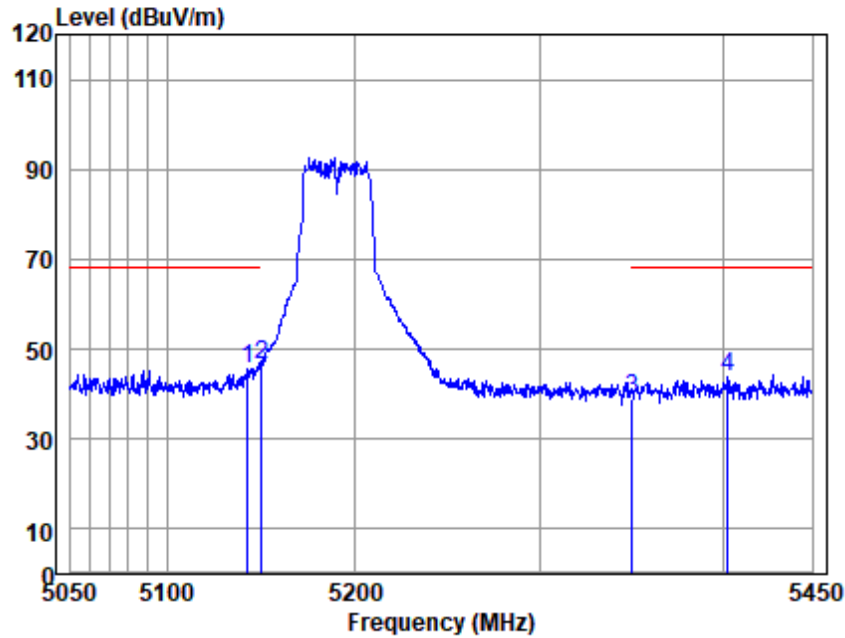
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5143.630	44.38	33.78	5.48	36.88	46.76	68.20	-21.44	Peak
5150.000	46.23	33.78	5.48	36.88	48.61	68.20	-19.59	Peak
5350.000	39.55	34.19	5.61	36.94	42.41	68.20	-25.79	Peak
5369.588	41.77	34.29	5.63	36.95	44.74	68.20	-23.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

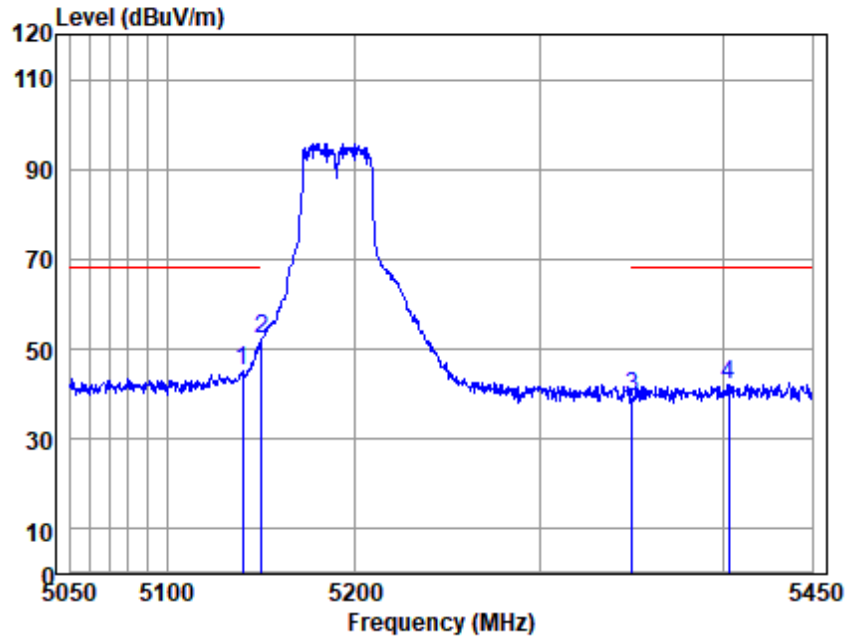


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5142.846	43.15	33.78	5.48	36.88	45.53	68.20	-22.67	Peak
5150.000	43.97	33.78	5.48	36.88	46.35	68.20	-21.85	Peak
5350.000	36.11	34.19	5.61	36.94	38.97	68.20	-29.23	Peak
5402.845	40.74	34.36	5.65	36.95	43.80	68.20	-24.40	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



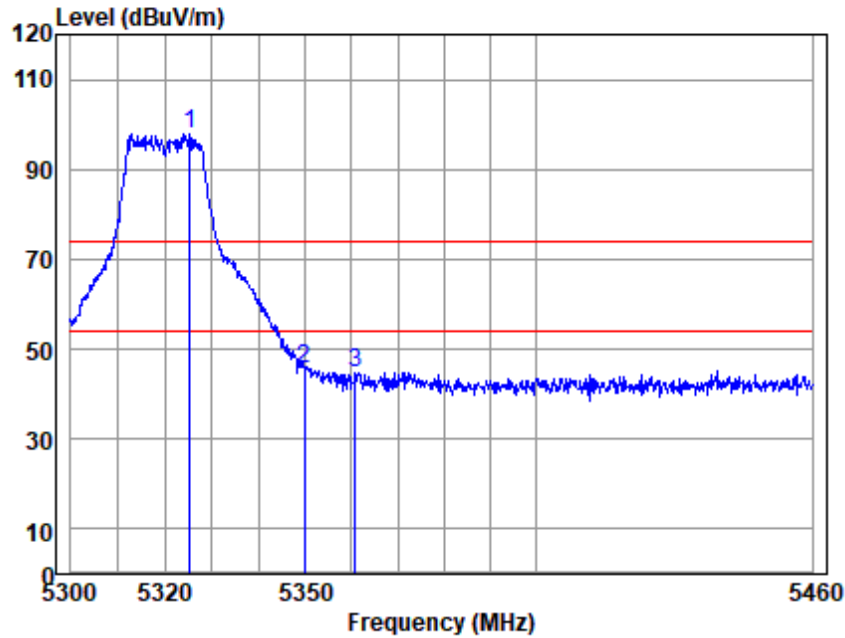
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5140.103	42.65	33.74	5.47	36.88	44.98	68.20	-23.22	Peak
5150.000	50.07	33.78	5.48	36.88	52.45	68.20	-15.75	Peak
5350.000	36.64	34.19	5.61	36.94	39.50	68.20	-28.70	Peak
5403.257	38.96	34.36	5.65	36.95	42.02	68.20	-26.18	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



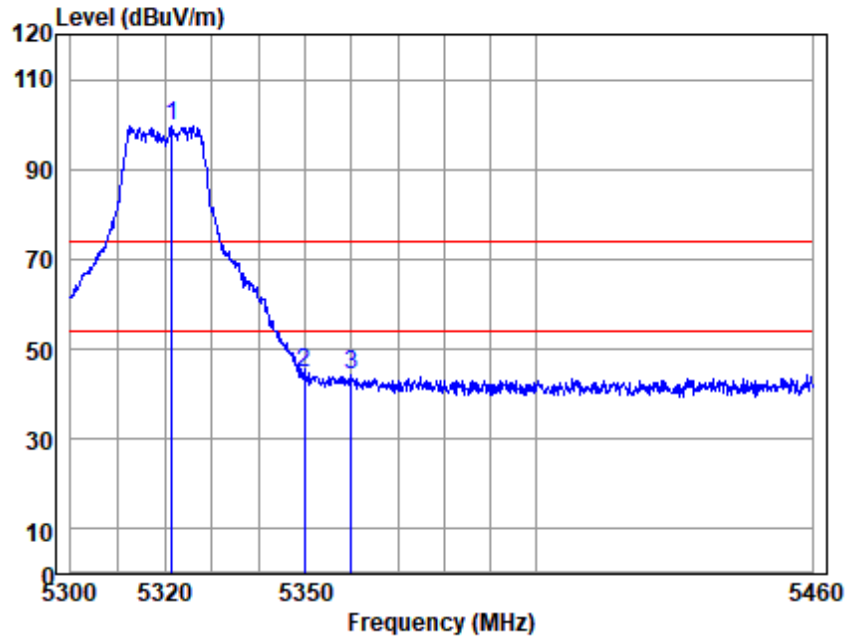
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5325.439	94.99	34.17	5.60	36.93	97.83	74.00	23.83	Peak
5350.000	42.82	34.19	5.61	36.94	45.68	74.00	-28.32	Peak
5360.878	41.86	34.24	5.62	36.94	44.78	74.00	-29.22	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



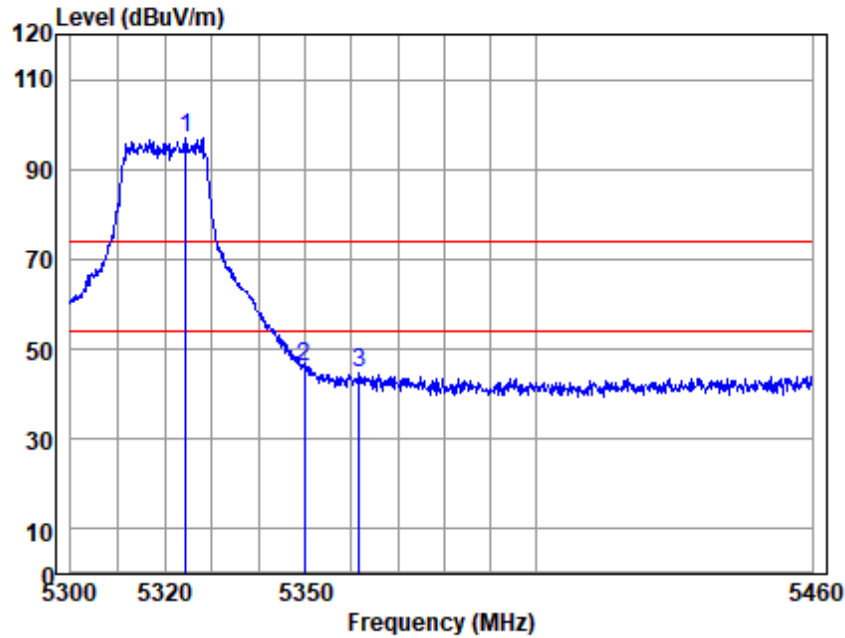
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5321.640	96.82	34.16	5.59	36.93	99.64	74.00	25.64	Peak
5350.000	41.98	34.19	5.61	36.94	44.84	74.00	-29.16	Peak
5360.081	41.50	34.24	5.62	36.94	44.42	74.00	-29.58	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



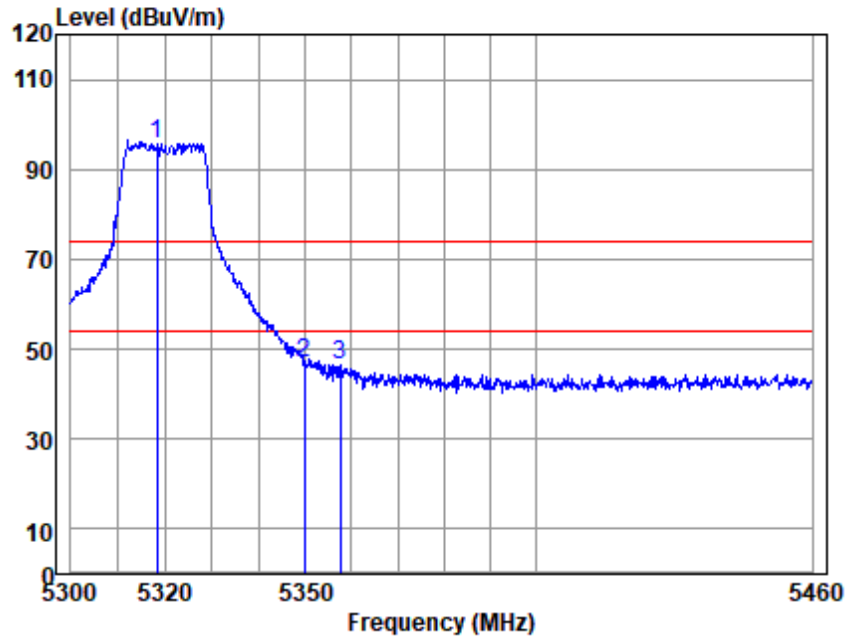
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5324.489	94.20	34.17	5.60	36.93	97.04	74.00	23.04	Peak
5350.000	43.37	34.19	5.61	36.94	46.23	74.00	-27.77	Peak
5361.675	41.71	34.24	5.62	36.94	44.63	74.00	-29.37	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High

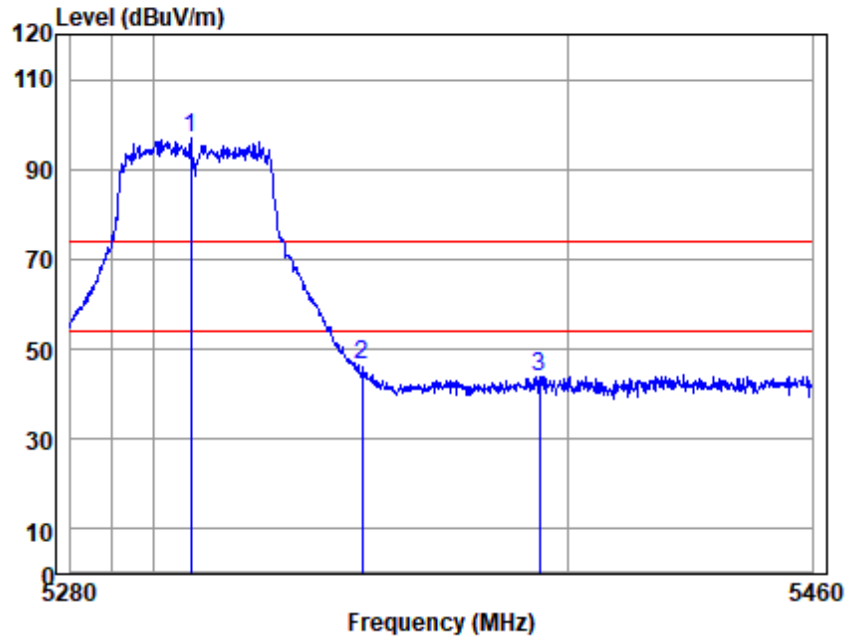


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5318.317	93.04	34.16	5.59	36.93	95.86	74.00	21.86	Peak
5350.000	44.02	34.19	5.61	36.94	46.88	74.00	-27.12	Peak
5357.531	43.46	34.24	5.62	36.94	46.38	74.00	-27.62	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



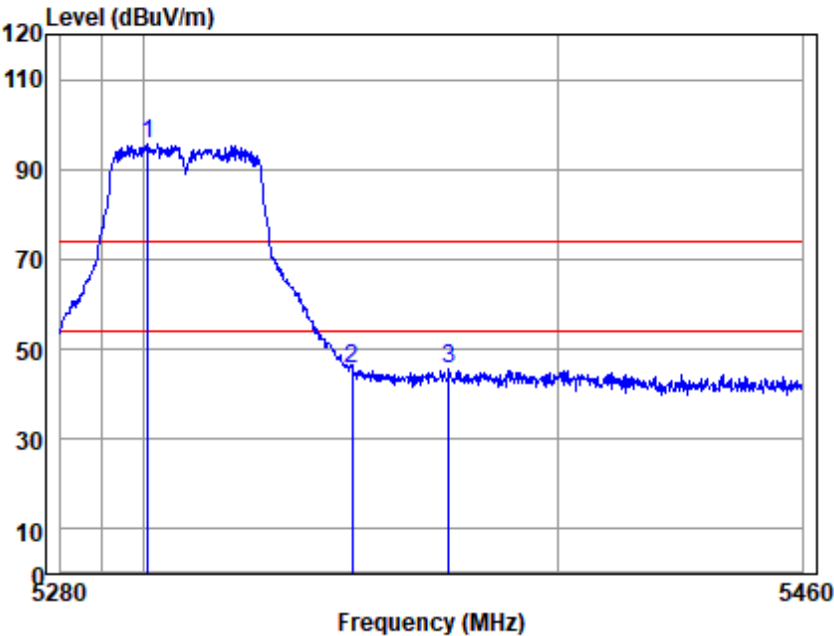
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5308.752	94.05	34.16	5.59	36.93	96.87	74.00	22.87	Peak
5350.000	43.43	34.19	5.61	36.94	46.29	74.00	-27.71	Peak
5393.057	40.88	34.34	5.64	36.95	43.91	74.00	-30.09	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High

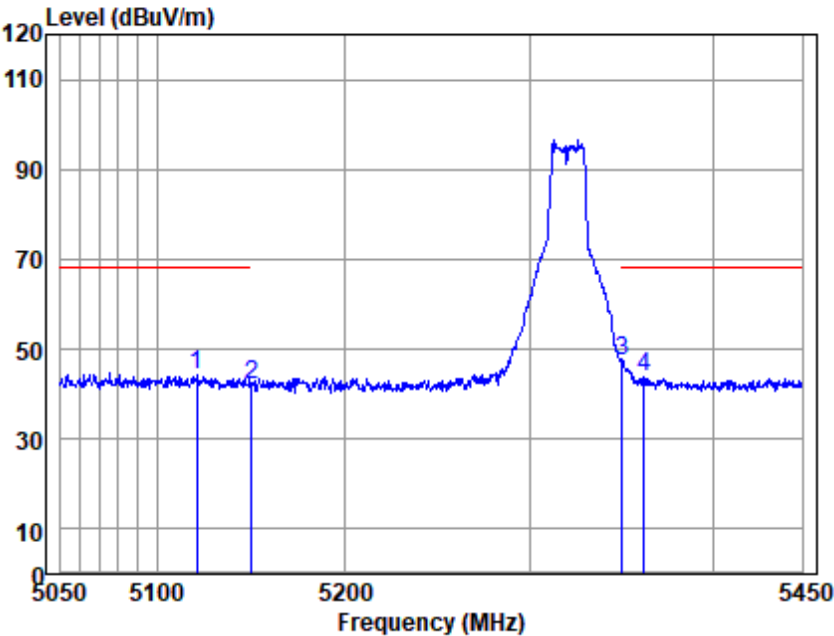


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5300.927	92.78	34.14	5.58	36.92	95.58	74.00	21.58	Peak
5350.000	42.68	34.19	5.61	36.94	45.54	74.00	-28.46	Peak
5373.567	42.42	34.29	5.63	36.95	45.39	74.00	-28.61	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

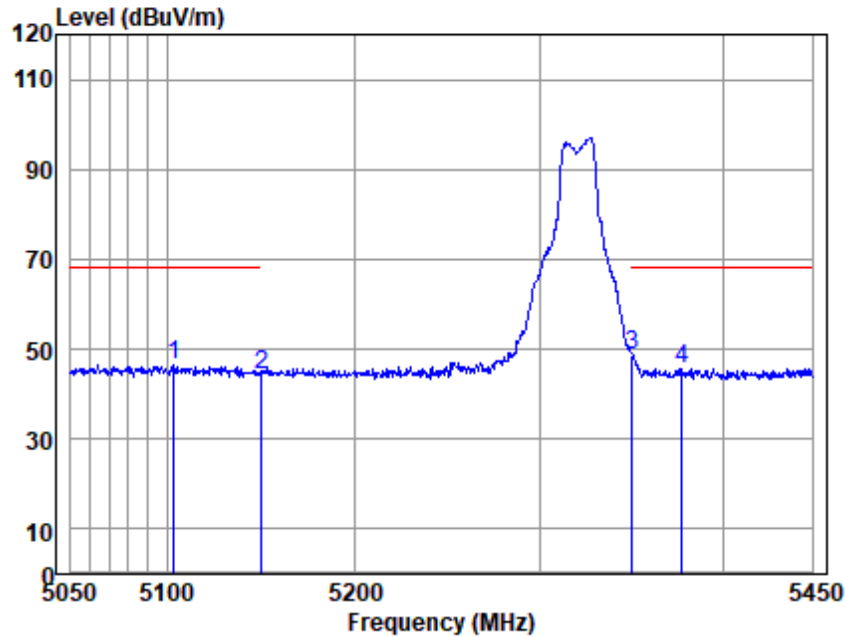


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5121.330	41.82	33.71	5.46	36.87	44.12	68.20	-24.08	Peak
5150.000	39.89	33.78	5.48	36.88	42.27	68.20	-25.93	Peak
5350.000	44.54	34.19	5.61	36.94	47.40	68.20	-20.80	Peak
5362.226	40.79	34.24	5.62	36.94	43.71	68.20	-24.49	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



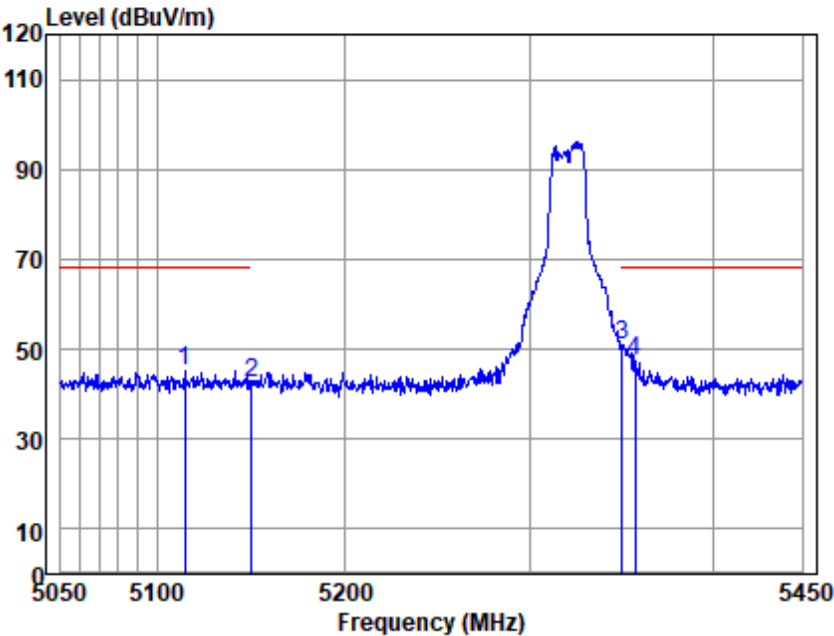
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5103.792	44.17	33.67	5.45	36.87	46.42	68.20	-21.78	Peak
5150.000	42.03	33.78	5.48	36.88	44.41	68.20	-23.79	Peak
5350.000	45.64	34.19	5.61	36.94	48.50	68.20	-19.70	Peak
5377.371	42.63	34.29	5.63	36.95	45.60	68.20	-22.60	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High

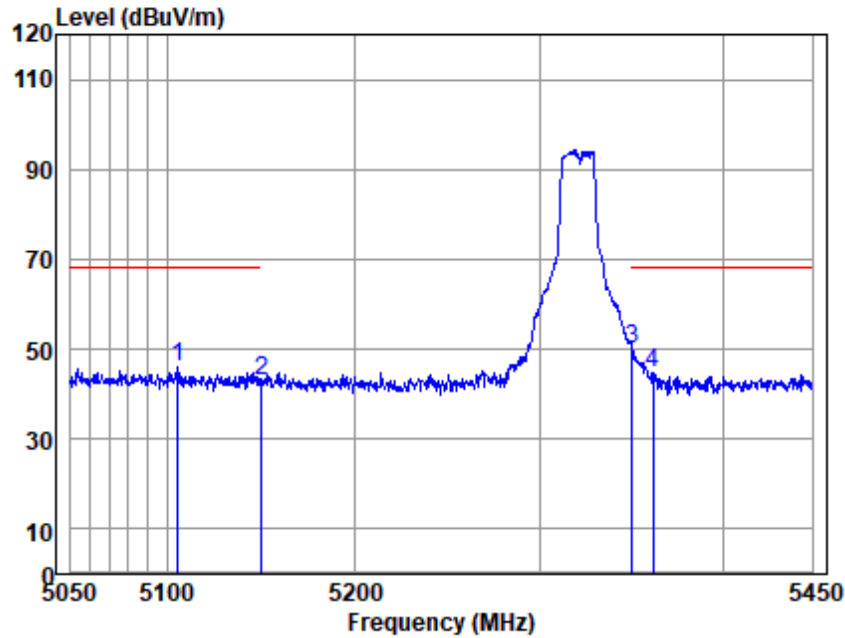


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5114.697	43.07	33.71	5.46	36.87	45.37	68.20	-22.83	Peak
5150.000	40.23	33.78	5.48	36.88	42.61	68.20	-25.59	Peak
5350.000	47.98	34.19	5.61	36.94	50.84	68.20	-17.36	Peak
5357.323	44.56	34.24	5.62	36.94	47.48	68.20	-20.72	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



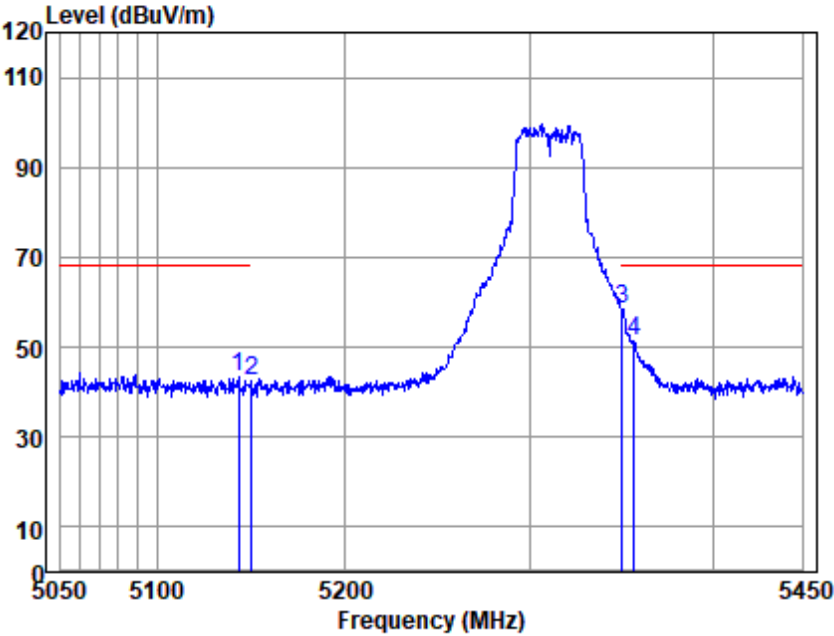
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5105.738	43.94	33.67	5.45	36.87	46.19	68.20	-22.01	Peak
5150.000	40.49	33.78	5.48	36.88	42.87	68.20	-25.33	Peak
5350.000	47.30	34.19	5.61	36.94	50.16	68.20	-18.04	Peak
5361.409	41.68	34.24	5.62	36.94	44.60	68.20	-23.60	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High

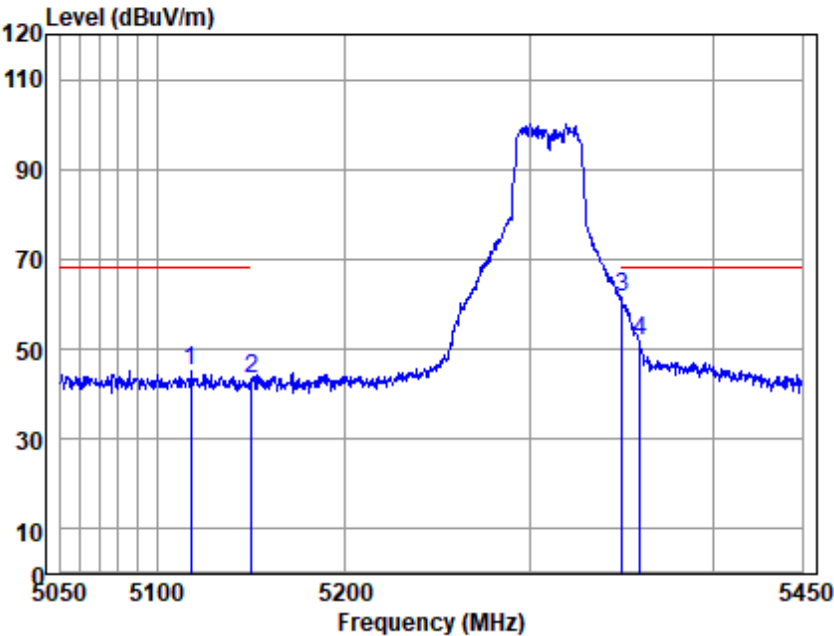


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5143.238	41.06	33.78	5.48	36.88	43.44	68.20	-24.76	Peak
5150.000	39.93	33.78	5.48	36.88	42.31	68.20	-25.89	Peak
5350.000	55.74	34.19	5.61	36.94	58.60	68.20	-9.60	Peak
5356.506	48.63	34.24	5.62	36.94	51.55	68.20	-16.65	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High

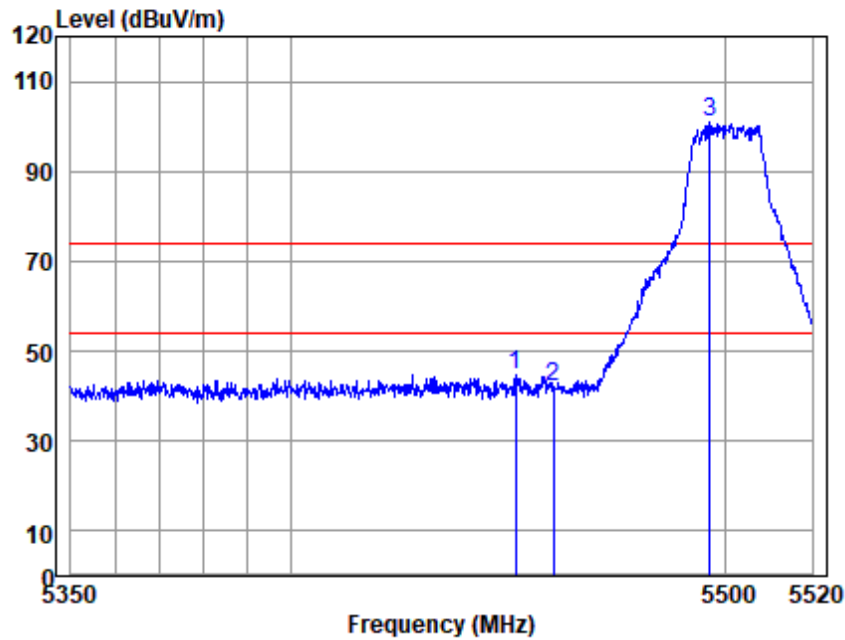


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5117.817	43.01	33.71	5.46	36.87	45.31	68.20	-22.89	Peak
5150.000	41.03	33.78	5.48	36.88	43.41	68.20	-24.79	Peak
5350.000	58.49	34.19	5.61	36.94	61.35	68.20	-6.85	Peak
5359.774	49.08	34.24	5.62	36.94	52.00	68.20	-16.20	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



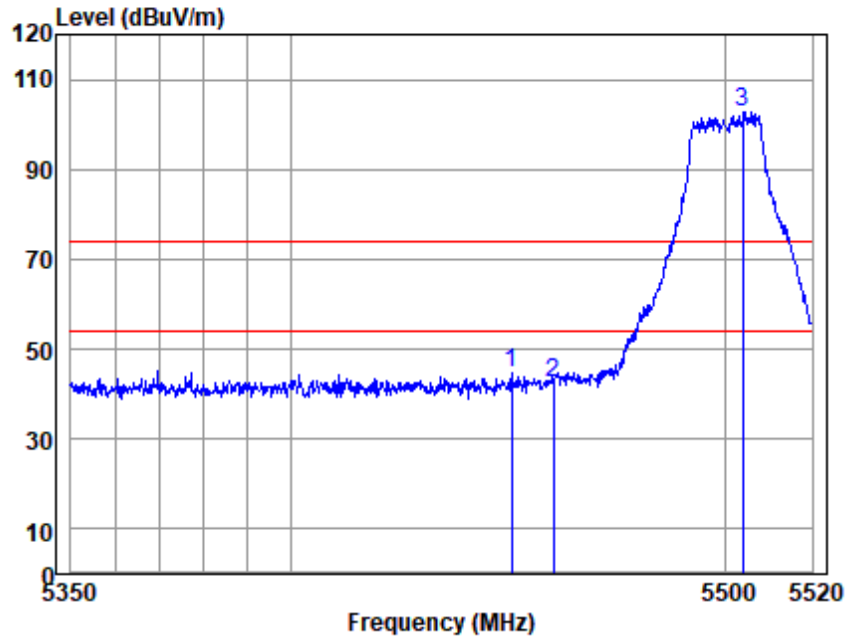
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5451.361	41.34	34.44	5.69	36.97	44.50	74.00	-29.50	Peak
5460.000	38.87	34.44	5.69	36.97	42.03	74.00	-31.97	Peak
5496.223	97.74	34.52	5.72	36.98	101.00	74.00	27.00	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



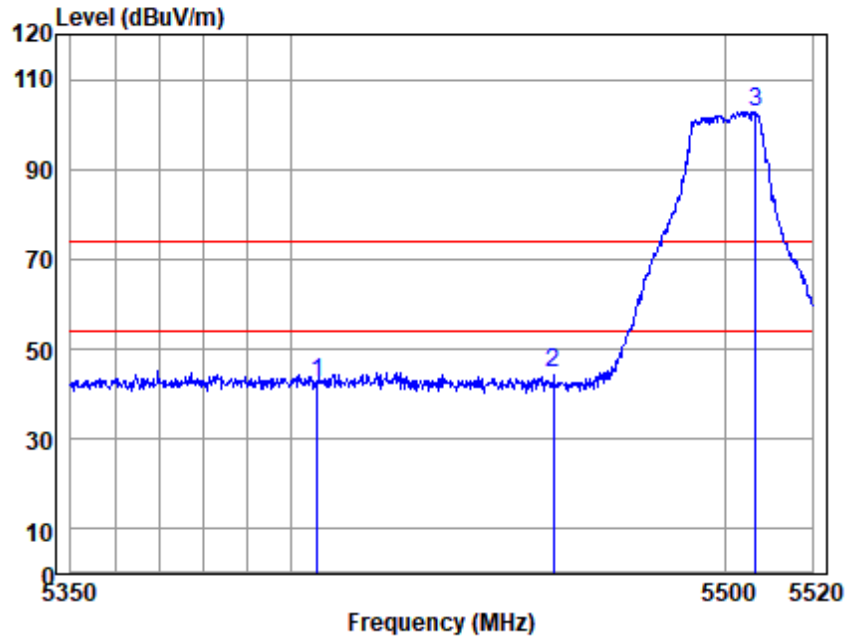
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5450.509	41.37	34.44	5.69	36.97	44.53	74.00	-29.47	Peak
5460.000	39.36	34.44	5.69	36.97	42.52	74.00	-31.48	Peak
5503.965	99.43	34.52	5.72	36.98	102.69	74.00	28.69	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



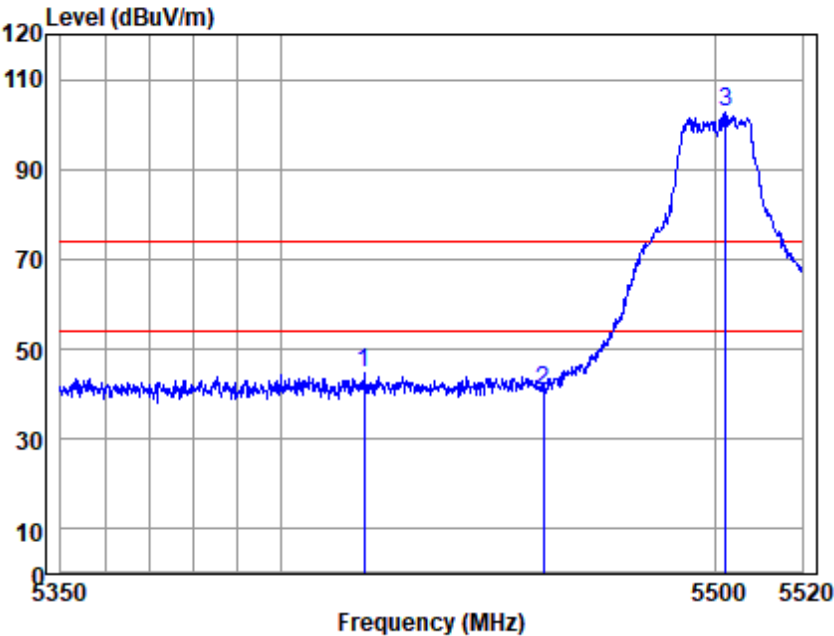
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5406.000	39.48	34.36	5.65	36.95	42.54	74.00	-31.46	Peak
5460.000	41.53	34.44	5.69	36.97	44.69	74.00	-29.31	Peak
5506.893	99.61	34.52	5.72	36.98	102.87	74.00	28.87	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

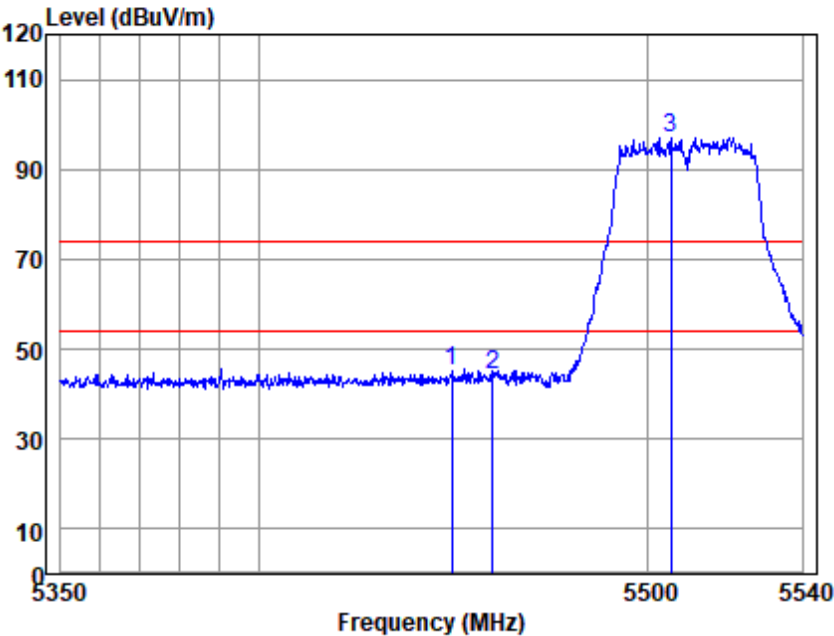


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5418.888	41.61	34.39	5.66	36.96	44.70	74.00	-29.30	Peak
5460.000	37.61	34.44	5.69	36.97	40.77	74.00	-33.23	Peak
5502.243	99.35	34.52	5.72	36.98	102.61	74.00	28.61	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

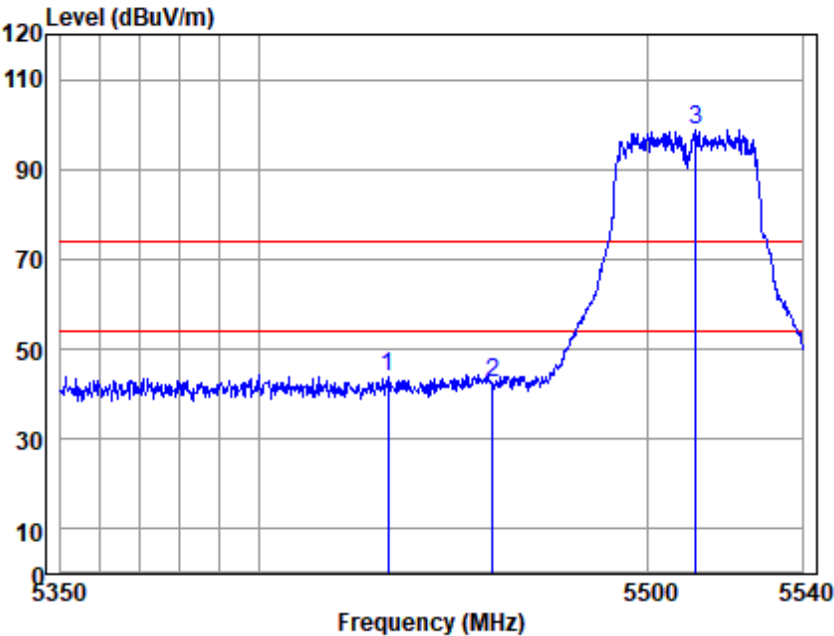


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5449.494	42.15	34.44	5.69	36.97	45.31	74.00	-28.69	Peak
5460.000	41.23	34.44	5.69	36.97	44.39	74.00	-29.61	Peak
5505.885	93.88	34.52	5.72	36.98	97.14	74.00	23.14	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

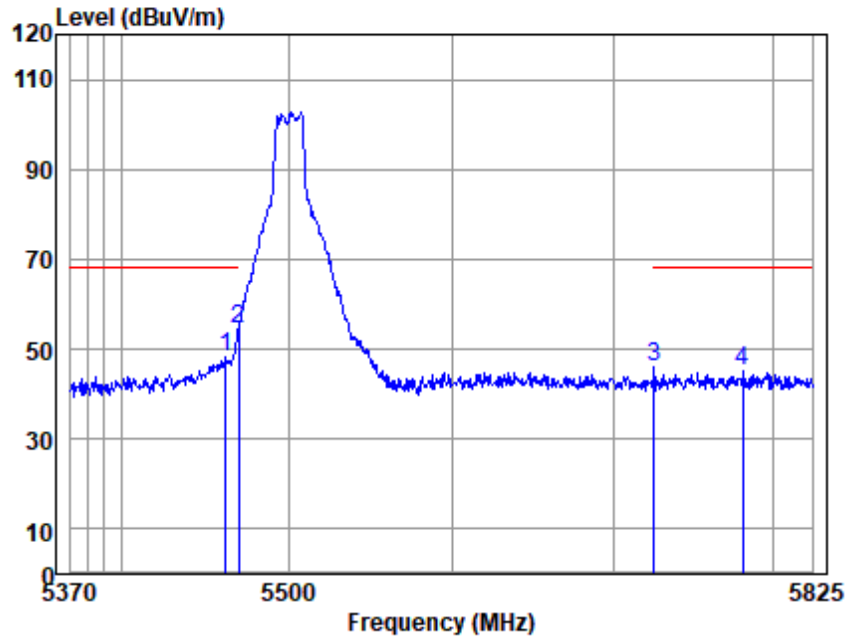


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5433.163	40.88	34.42	5.68	36.96	44.02	74.00	-29.98	Peak
5460.000	39.22	34.44	5.69	36.97	42.38	74.00	-31.62	Peak
5512.422	95.34	34.52	5.73	36.98	98.61	74.00	24.61	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



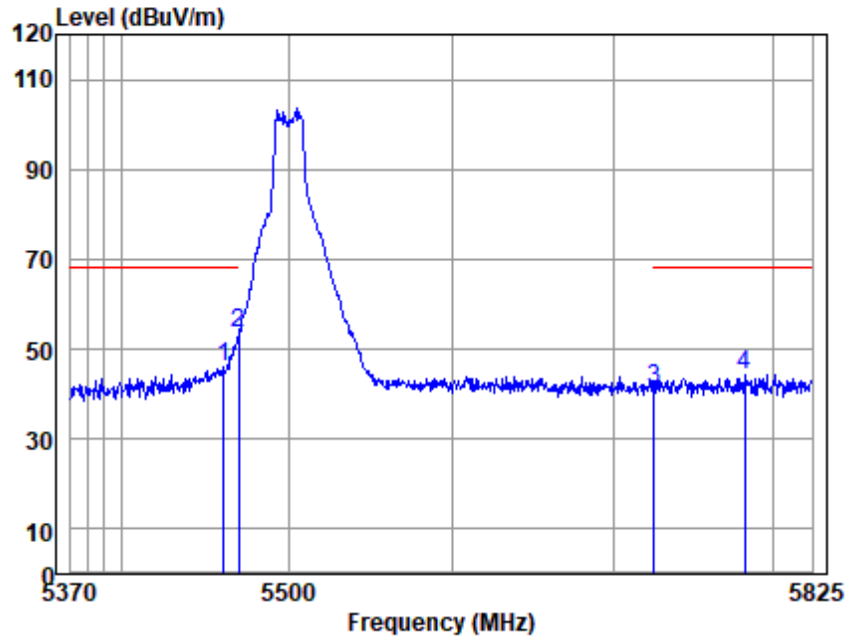
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5462.061	44.93	34.44	5.69	36.97	48.09	68.20	-20.11	Peak
5470.000	51.28	34.47	5.70	36.97	54.48	68.20	-13.72	Peak
5725.000	42.54	34.49	5.88	37.02	45.89	68.20	-22.31	Peak
5780.637	41.82	34.54	5.93	37.03	45.26	68.20	-22.94	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



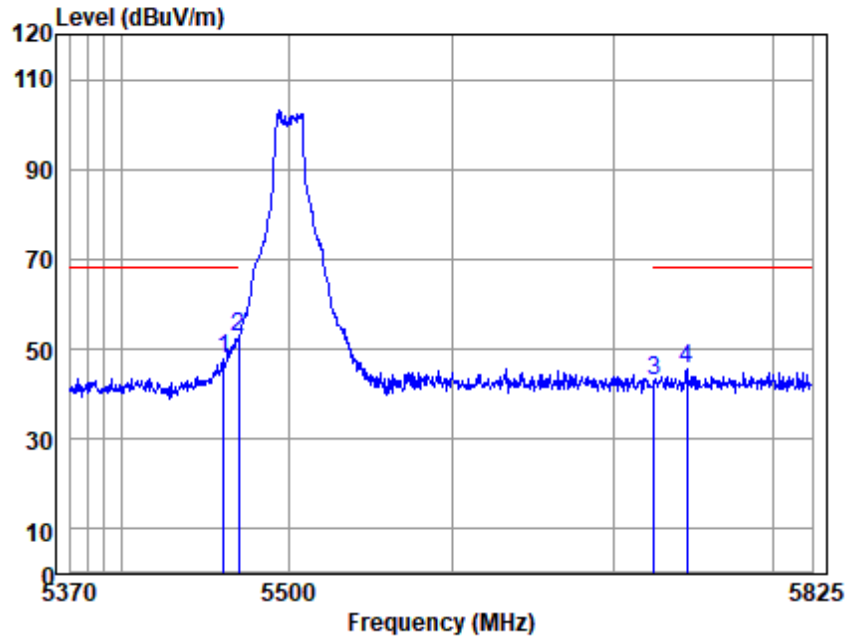
Antenna Polarity :VERTICAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5461.172	42.86	34.44	5.69	36.97	46.02	68.20	-22.18	Peak
5470.000	50.39	34.47	5.70	36.97	53.59	68.20	-14.61	Peak
5725.000	37.61	34.49	5.88	37.02	40.96	68.20	-27.24	Peak
5782.047	40.97	34.54	5.93	37.03	44.41	68.20	-23.79	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



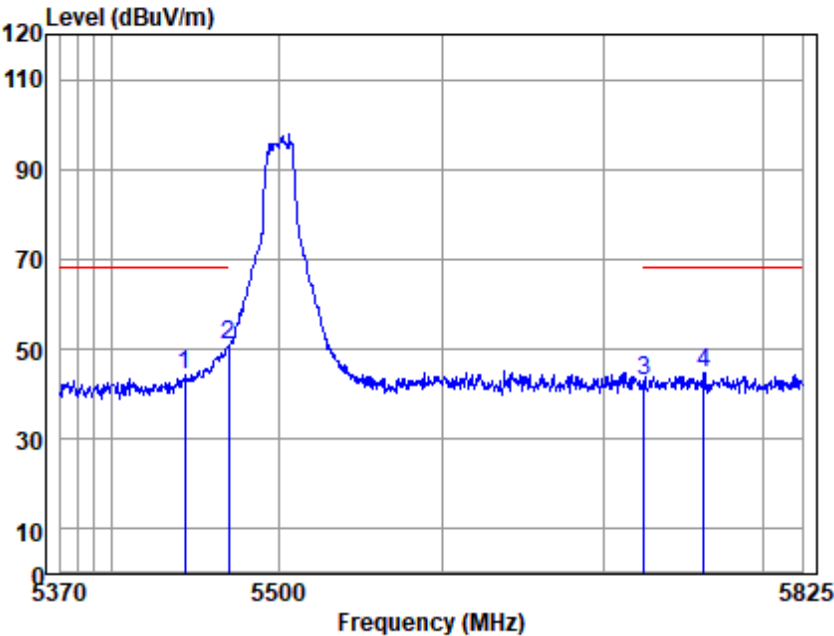
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5460.728	44.76	34.44	5.69	36.97	47.92	68.20	-20.28	Peak
5470.000	49.68	34.47	5.70	36.97	52.88	68.20	-15.32	Peak
5725.000	39.68	34.49	5.88	37.02	43.03	68.20	-25.17	Peak
5745.483	42.17	34.49	5.90	37.02	45.54	68.20	-22.66	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

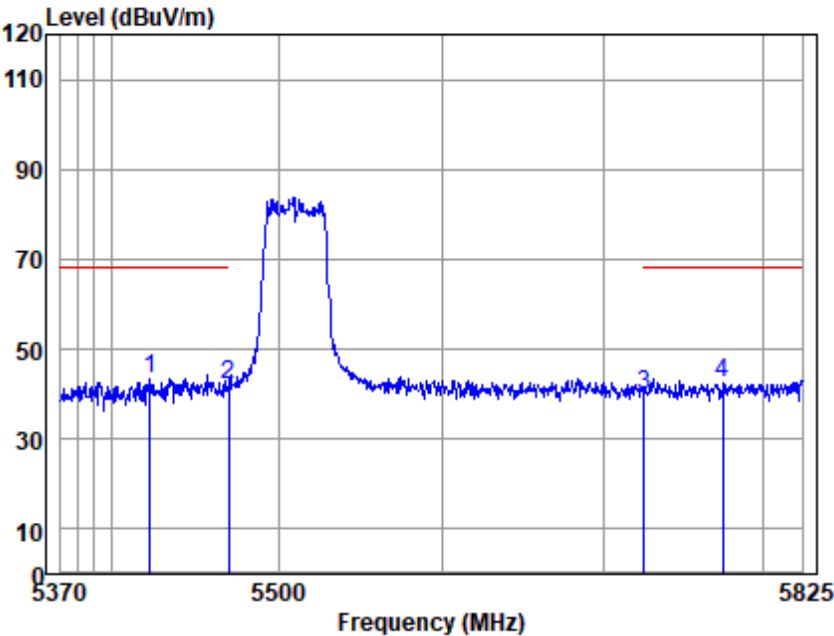


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5443.877	41.09	34.42	5.68	36.96	44.23	68.20	-23.97	Peak
5470.000	47.76	34.47	5.70	36.97	50.96	68.20	-17.24	Peak
5725.000	39.75	34.49	5.88	37.02	43.10	68.20	-25.10	Peak
5762.799	41.31	34.51	5.91	37.02	44.71	68.20	-23.49	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

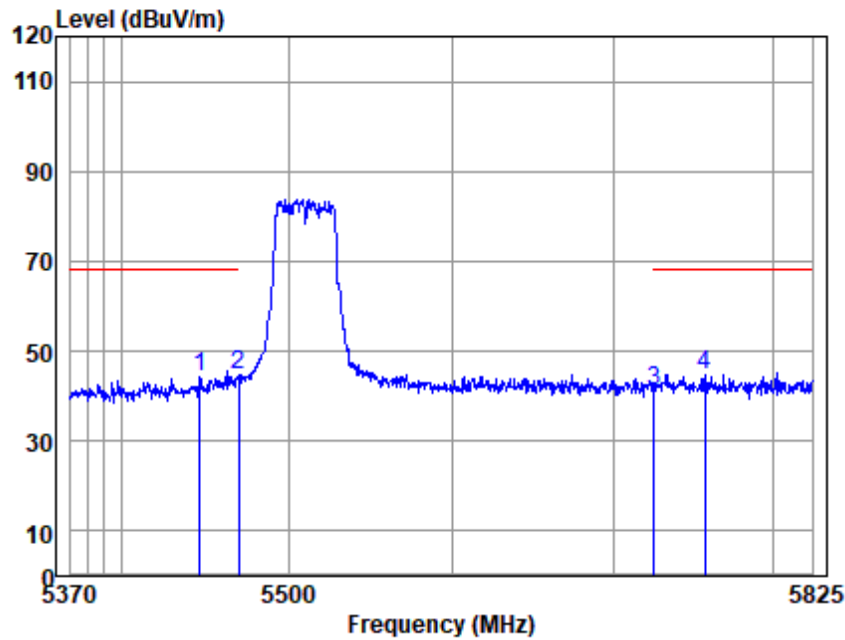


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5423.107	40.20	34.39	5.66	36.96	43.29	68.20	-24.91	Peak
5470.000	38.65	34.47	5.70	36.97	41.85	68.20	-26.35	Peak
5725.000	36.64	34.49	5.88	37.02	39.99	68.20	-28.21	Peak
5774.528	39.28	34.54	5.93	37.03	42.72	68.20	-25.48	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

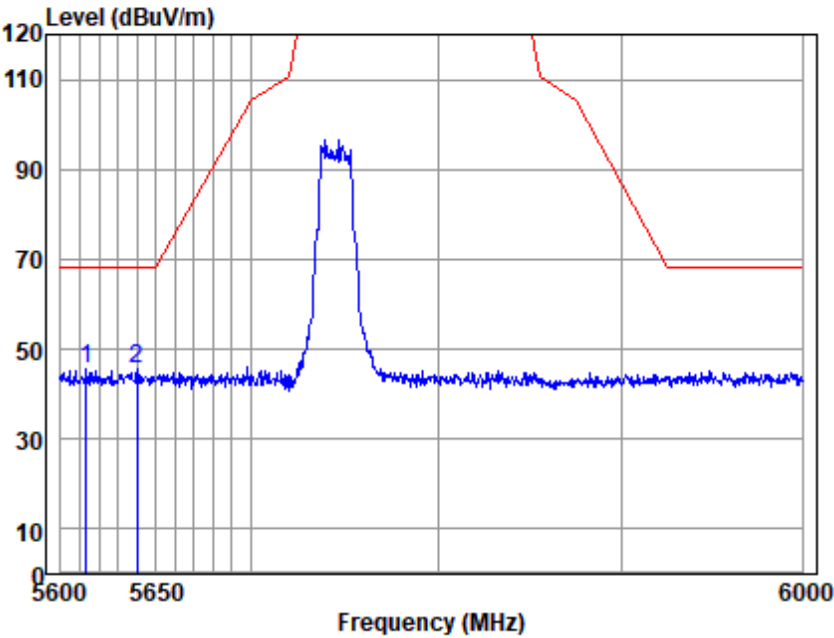


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5446.534	41.09	34.42	5.68	36.96	44.23	68.20	-23.97	Peak
5470.000	41.57	34.47	5.70	36.97	44.77	68.20	-23.43	Peak
5725.000	37.96	34.49	5.88	37.02	41.31	68.20	-26.89	Peak
5757.177	41.50	34.51	5.91	37.02	44.90	68.20	-23.30	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

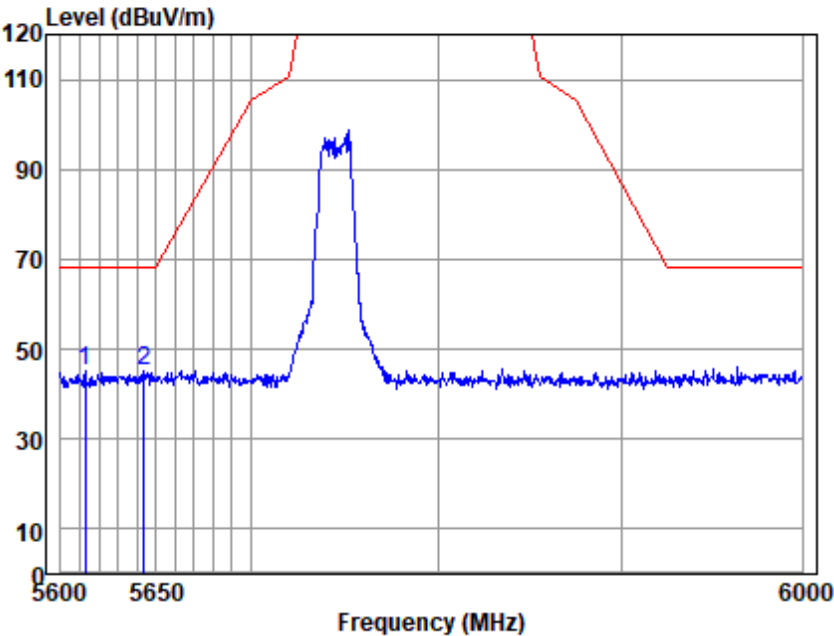


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5613.539	42.36	34.52	5.79	37.00	45.67	68.20	-22.53	Peak
5639.937	42.20	34.53	5.80	37.00	45.53	68.20	-22.67	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

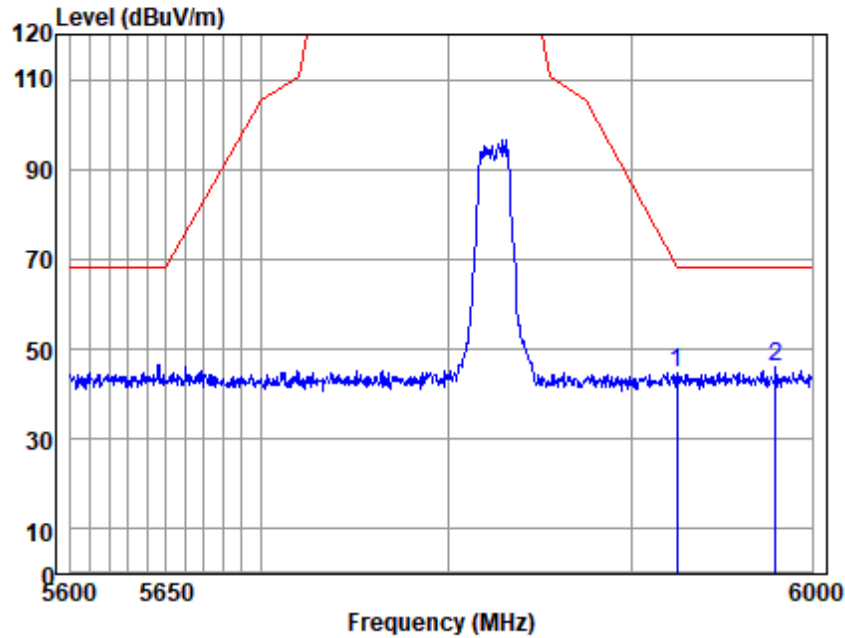


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5612.765	41.81	34.52	5.79	37.00	45.12	68.20	-23.08	Peak
5643.440	41.80	34.53	5.81	37.00	45.14	68.20	-23.06	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

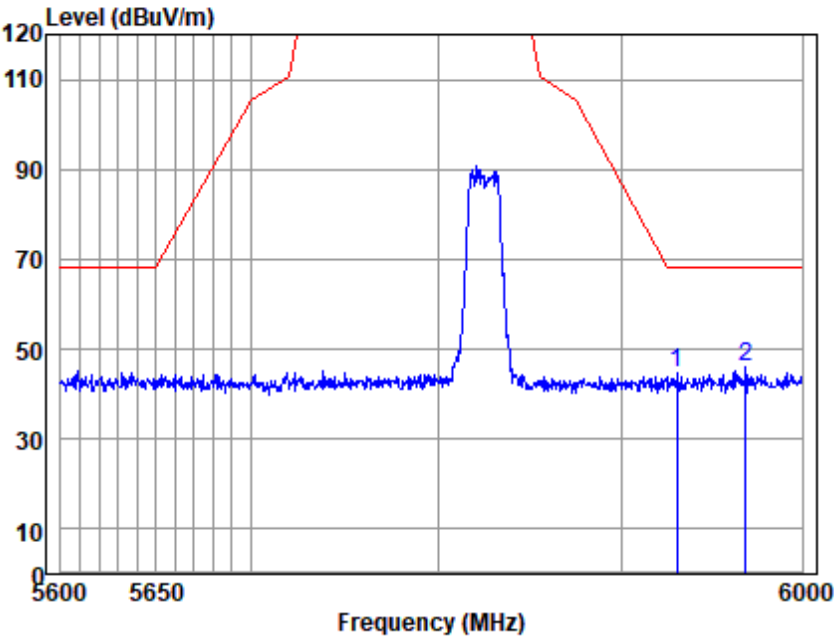


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5925.131	40.92	34.81	6.10	37.05	44.78	68.20	-23.42	Peak
5979.750	41.85	34.94	6.15	37.06	45.88	68.20	-22.32	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

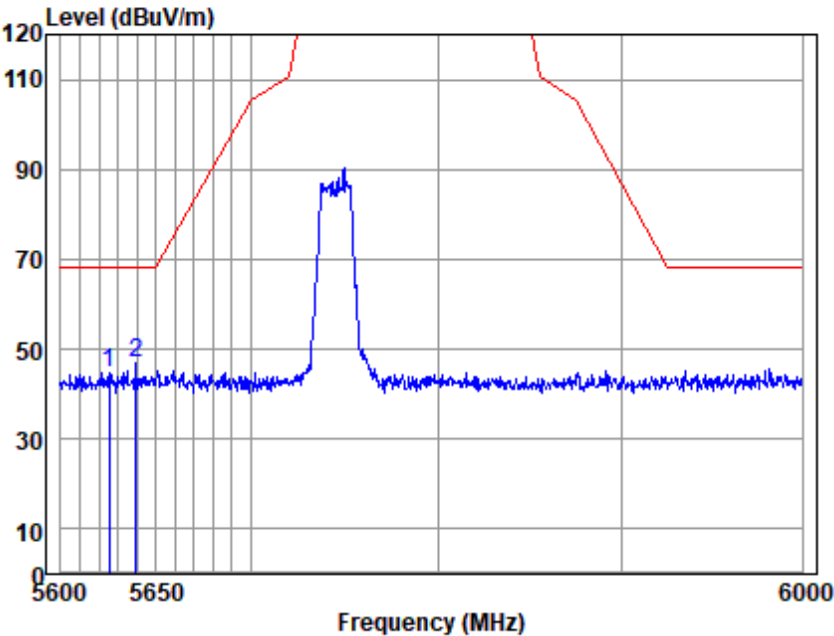


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5930.447	40.99	34.81	6.10	37.05	44.85	68.20	-23.35	Peak
5968.622	42.03	34.90	6.13	37.05	46.01	68.20	-22.19	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

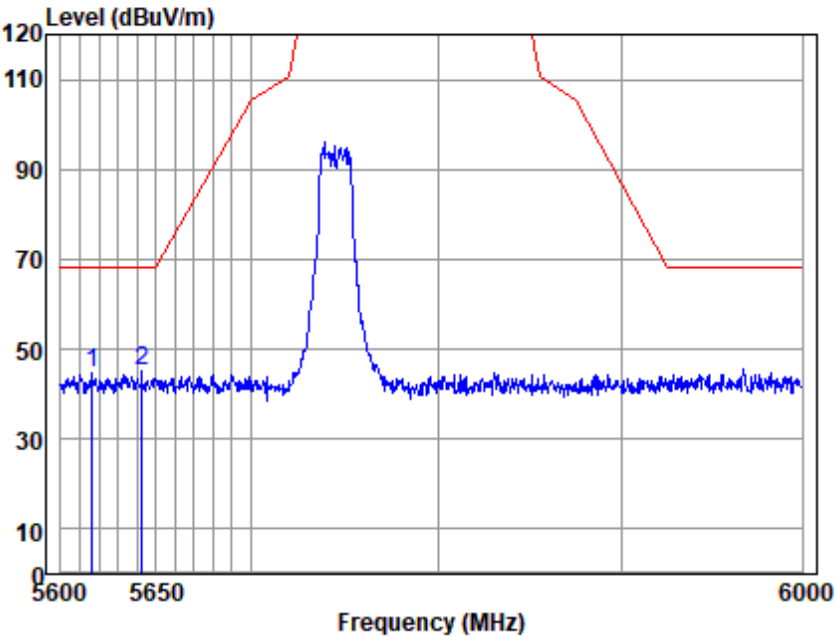


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5625.170	41.33	34.53	5.80	37.00	44.66	68.20	-23.54	Peak
5639.159	43.63	34.53	5.80	37.00	46.96	68.20	-21.24	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

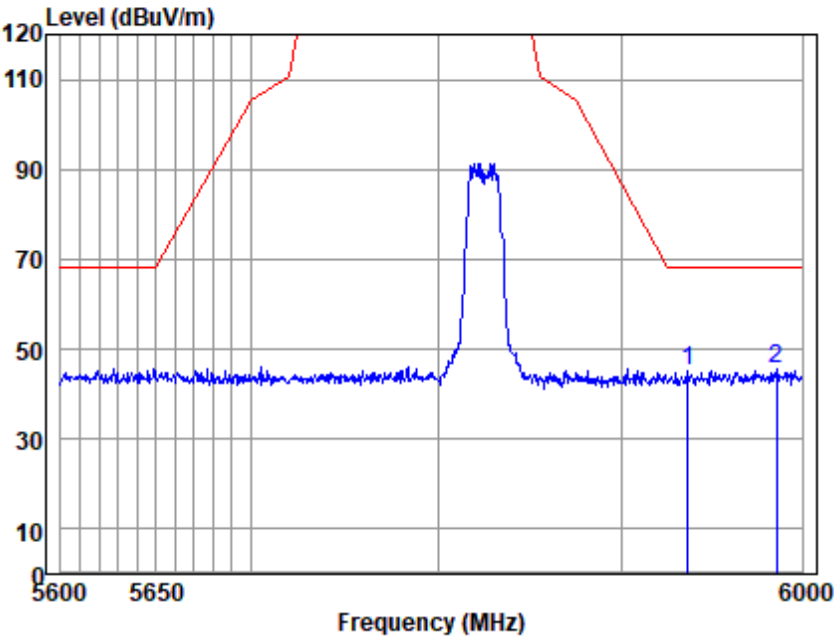


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5616.638	41.48	34.52	5.79	37.00	44.79	68.20	-23.41	Peak
5642.272	41.76	34.53	5.81	37.00	45.10	68.20	-23.10	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High

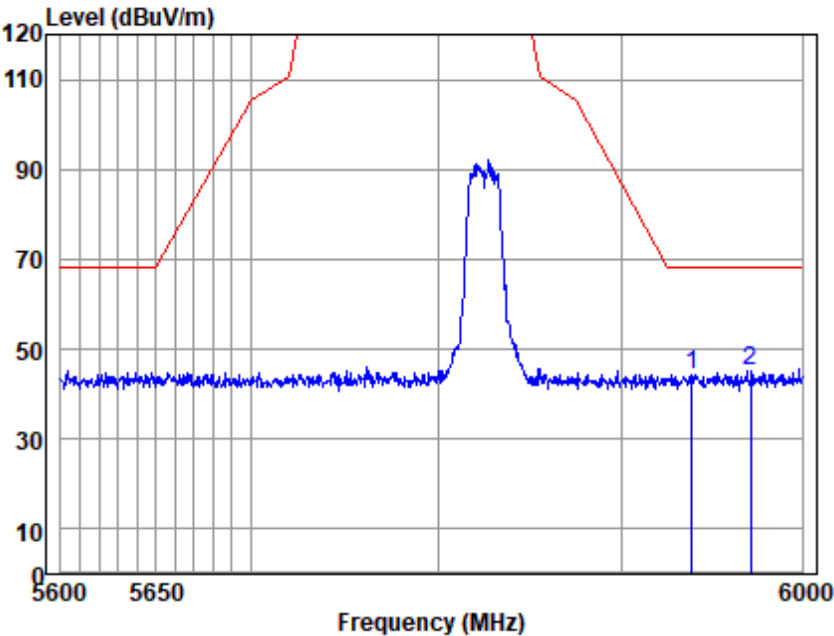


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5936.588	41.18	34.81	6.10	37.05	45.04	68.20	-23.16	Peak
5985.942	41.71	34.94	6.15	37.06	45.74	68.20	-22.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High

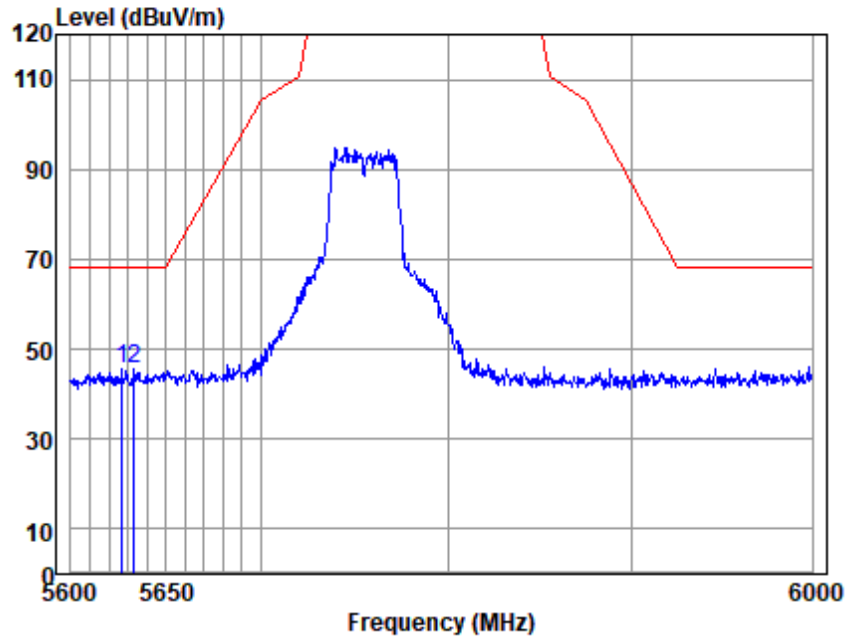


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5939.046	40.30	34.81	6.10	37.05	44.16	68.20	-24.04	Peak
5971.505	41.36	34.90	6.13	37.05	45.34	68.20	-22.86	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



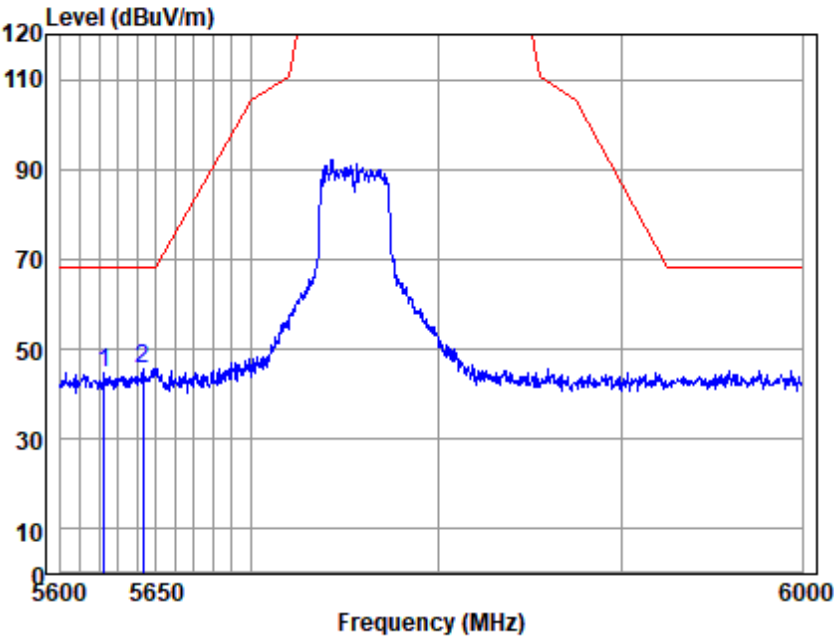
Antenna Polarity :HORIZONTAL

EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5626.722	42.50	34.53	5.80	37.00	45.83	68.20	-22.37	Peak
5633.326	42.26	34.53	5.80	37.00	45.59	68.20	-22.61	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

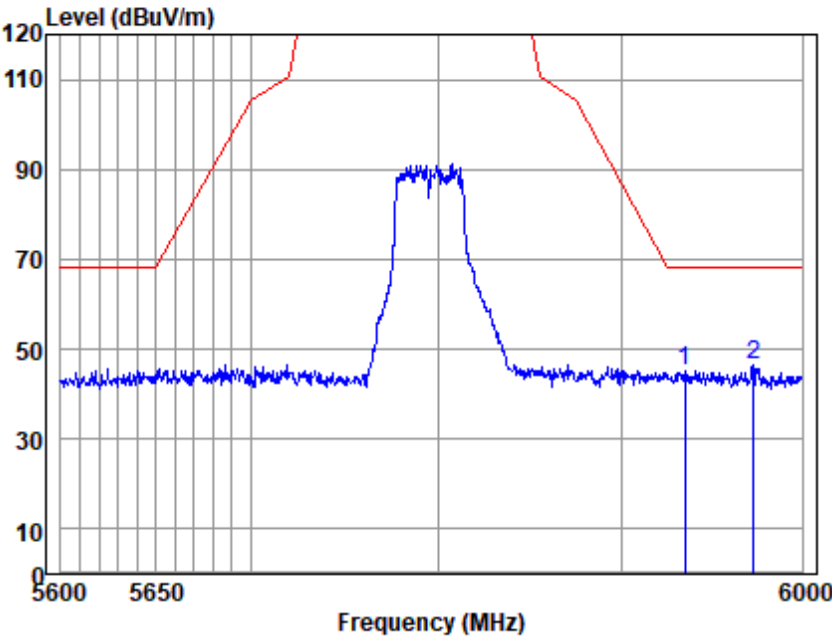


Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5622.842	41.21	34.52	5.79	37.00	44.52	68.20	-23.68	Peak
5643.051	42.39	34.53	5.81	37.00	45.73	68.20	-22.47	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High

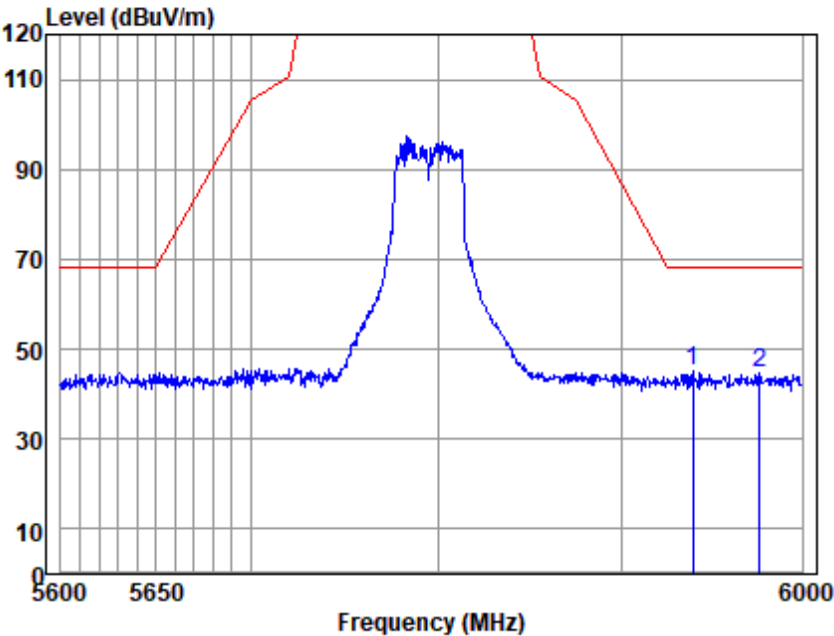


Antenna Polarity :HORIZONTAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5934.950	41.31	34.81	6.10	37.05	45.17	68.20	-23.03	Peak
5973.153	42.58	34.90	6.13	37.05	46.56	68.20	-21.64	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Antenna Polarity :VERTICAL
EUT/Project :3298HS

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5939.456	41.30	34.81	6.10	37.05	45.16	68.20	-23.04	Peak
5976.451	40.53	34.94	6.15	37.06	44.56	68.20	-23.64	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SHCR2512003298HS

8 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for SHCR2512003298HS

- End of the Report -