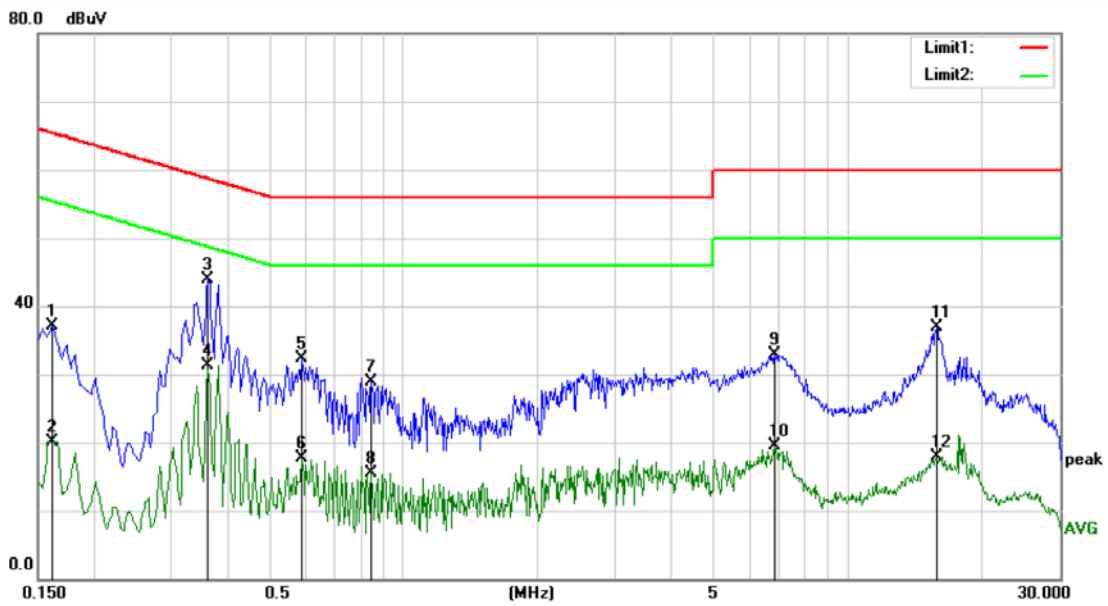


Site Conduction #2 Phase: **N** Temperature: 25.1  
 Limit: (CE)FCC PART 15 class B\_QP Power: AC 120V/60Hz Humidity: 45 %  
 Mode: WIFI 2.4G  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3620	33.98	10.10	44.08	58.68	-14.60	QP	
2		0.3620	22.31	10.10	32.41	48.68	-16.27	AVG	
3		2.8900	20.85	10.15	31.00	56.00	-25.00	QP	
4		2.8900	7.43	10.15	17.58	46.00	-28.42	AVG	
5		4.8980	20.77	10.25	31.02	56.00	-24.98	QP	
6		4.8980	6.82	10.25	17.07	46.00	-28.93	AVG	
7		7.0140	23.03	10.33	33.36	60.00	-26.64	QP	
8		7.0140	9.83	10.33	20.16	50.00	-29.84	AVG	
9	*	13.5580	35.54	10.50	46.04	60.00	-13.96	QP	
10		13.5580	17.85	10.50	28.35	50.00	-21.65	AVG	
11		16.0540	26.98	10.50	37.48	60.00	-22.52	QP	
12		16.0540	9.89	10.50	20.39	50.00	-29.61	AVG	



Site: Conduction #2      Phase: **L1**      Temperature: 25.1  
 Limit: (CE)FCC PART 15 class B\_QP      Power: AC 120V/60Hz      Humidity: 45 %  
 Mode: WIFI 2.4G  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1620	27.07	10.09	37.16	65.36	-28.20	QP	
2		0.1620	10.11	10.09	20.20	55.36	-35.16	AVG	
3	*	0.3620	33.90	10.10	44.00	58.68	-14.68	QP	
4		0.3620	21.26	10.10	31.36	48.68	-17.32	AVG	
5		0.5900	22.25	10.12	32.37	56.00	-23.63	QP	
6		0.5900	7.61	10.12	17.73	46.00	-28.27	AVG	
7		0.8460	18.72	10.16	28.88	56.00	-27.12	QP	
8		0.8460	5.38	10.16	15.54	46.00	-30.46	AVG	
9		6.8300	22.66	10.32	32.98	60.00	-27.02	QP	
10		6.8300	9.10	10.32	19.42	50.00	-30.58	AVG	
11		15.8620	26.36	10.50	36.86	60.00	-23.14	QP	
12		15.8620	7.38	10.50	17.88	50.00	-32.12	AVG	

## 8.8 ANTENNA APPLICATION

### 8.8.1 Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part 15.247 (b)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.
RSS-247 Section 5.4	If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit. However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of 10 log (number of array elements or staves) plus the directional gain of the element or stave having the highest gain.

### 8.8.2 Result

PASS.

- Note:
- Antenna use a permanently attached antenna which is not replaceable.
  - Not using a standard antenna jack or electrical connector for antenna replacement
  - The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.

\*\*\* End of Report \*\*\*