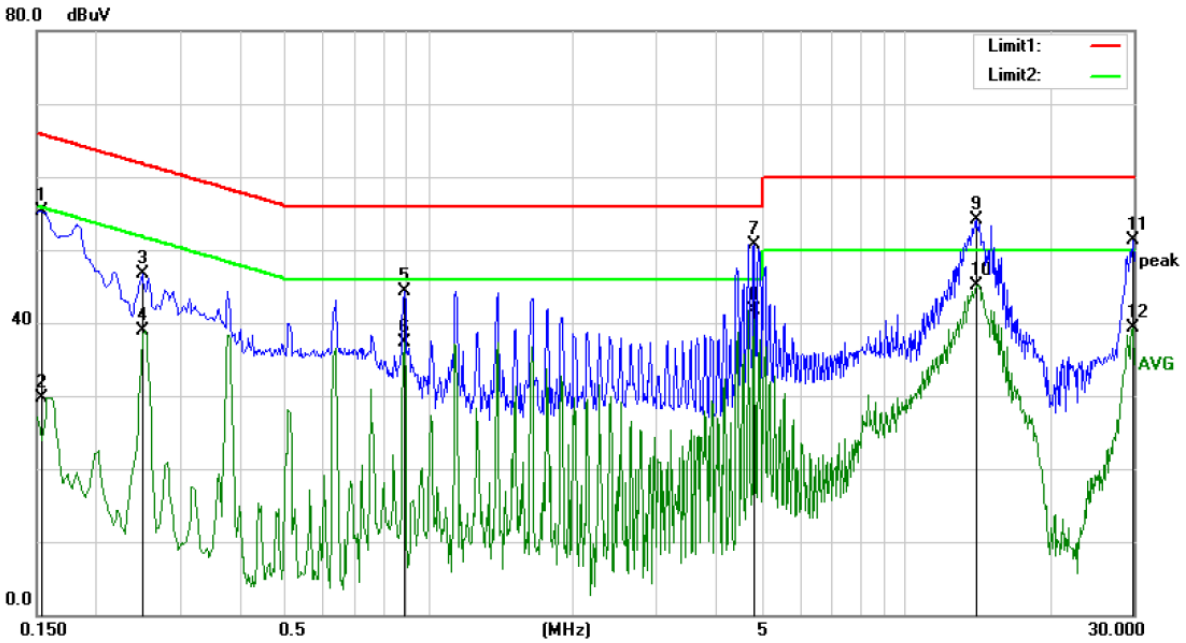


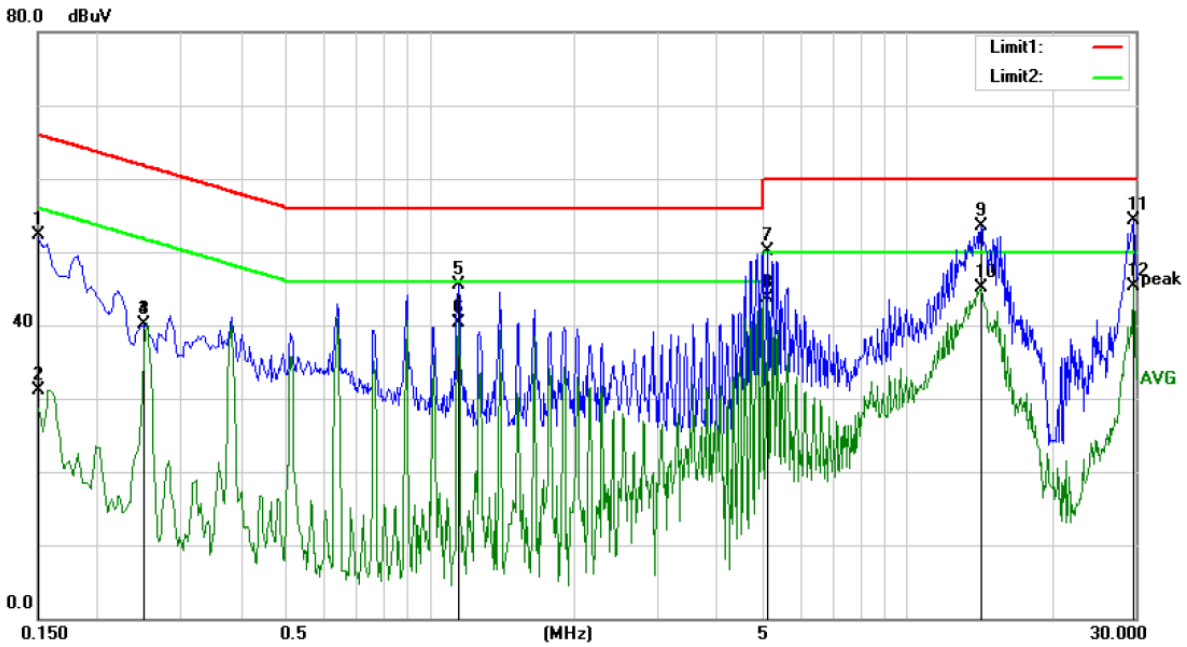
Site Conduction #2 Phase: *L1* Temperature: 25.1

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 45 %

Mode: BT mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1540	45.10	10.26	55.36	65.78	-10.42	QP	
2		0.1540	19.53	10.26	29.79	55.78	-25.99	AVG	
3		0.2500	36.52	10.27	46.79	61.76	-14.97	QP	
4		0.2500	28.67	10.27	38.94	51.76	-12.82	AVG	
5		0.8860	34.14	10.17	44.31	56.00	-11.69	QP	
6		0.8860	27.07	10.17	37.24	46.00	-8.76	AVG	
7		4.8020	40.42	10.28	50.70	56.00	-5.30	QP	
8	*	4.8020	31.38	10.28	41.66	46.00	-4.34	AVG	
9		14.0460	43.62	10.48	54.10	60.00	-5.90	QP	
10		14.0460	34.71	10.48	45.19	50.00	-4.81	AVG	
11		29.9540	40.40	10.82	51.22	60.00	-8.78	QP	
12		29.9540	28.54	10.82	39.36	50.00	-10.64	AVG	



Site Conduction #2 Phase: *N* Temperature: 25.1

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 45 %

Mode: BT mode

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	41.97	10.25	52.22	66.00	-13.78	QP	
2		0.1500	20.95	10.25	31.20	56.00	-24.80	AVG	
3		0.2500	29.76	10.27	40.03	61.76	-21.73	QP	
4		0.2500	29.93	10.27	40.20	51.76	-11.56	AVG	
5		1.1420	35.25	10.16	45.41	56.00	-10.59	QP	
6		1.1420	30.23	10.16	40.39	46.00	-5.61	AVG	
7		5.0900	39.87	10.28	50.15	60.00	-9.85	QP	
8		5.0900	33.34	10.28	43.62	50.00	-6.38	AVG	
9		14.2500	42.93	10.48	53.41	60.00	-6.59	QP	
10		14.2500	34.58	10.48	45.06	50.00	-4.94	AVG	
11		29.7820	43.52	10.82	54.34	60.00	-5.66	QP	
12	*	29.7820	34.47	10.82	45.29	50.00	-4.71	AVG	

8.7 ANTENNA APPLICATION

8.7.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

For intentional device, according to FCC 47 CFR Section 15.203, 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. And according to FCC 47 CFR Section 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.

8.7.2 Result

PASS.

The EUT is integrated antenna, the antenna gain is 2.53dBi.

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)

which in accordance to section 15.203, please refer to the internal photos.

Detail of factor for radiated emission

Frequency(MHz)	Ant_F(dB)	Cab_L(dB)	Preamp(dB)	Correct Factor(dB)
0.009	20.6	0.03	\	20.63
0.15	20.7	0.1	\	20.8
1	20.9	0.15	\	21.05
10	20.1	0.28	\	20.38
30	18.8	0.45	\	19.25
30	11.7	0.62	27.9	-15.58
100	12.5	1.02	27.8	-14.28
300	12.9	1.91	27.5	-12.69
600	19.2	2.92	27	-4.88
800	21.1	3.54	26.6	-1.96
1000	22.3	4.17	26.2	0.27
1000	25.6	1.76	41.4	-14.04
3000	28.9	3.27	43.2	-11.03
5000	31.1	4.2	44.6	-9.3
8000	36.2	5.95	44.7	-2.55
10000	38.4	6.3	43.9	0.8
12000	38.5	7.14	42.3	3.34
15000	40.2	8.15	41.4	6.95
18000	45.4	9.02	41.3	13.12
18000	37.9	1.81	47.9	-8.19
21000	37.9	1.95	48.7	-8.85
25000	39.3	2.01	42.8	-1.49
28000	39.6	2.16	46.0	-4.24
31000	41.2	2.24	44.5	-1.06
34000	41.5	2.29	46.6	-2.81
37000	43.8	2.30	46.4	-0.3
40000	43.2	2.50	42.2	3.5

--- End of Report ---