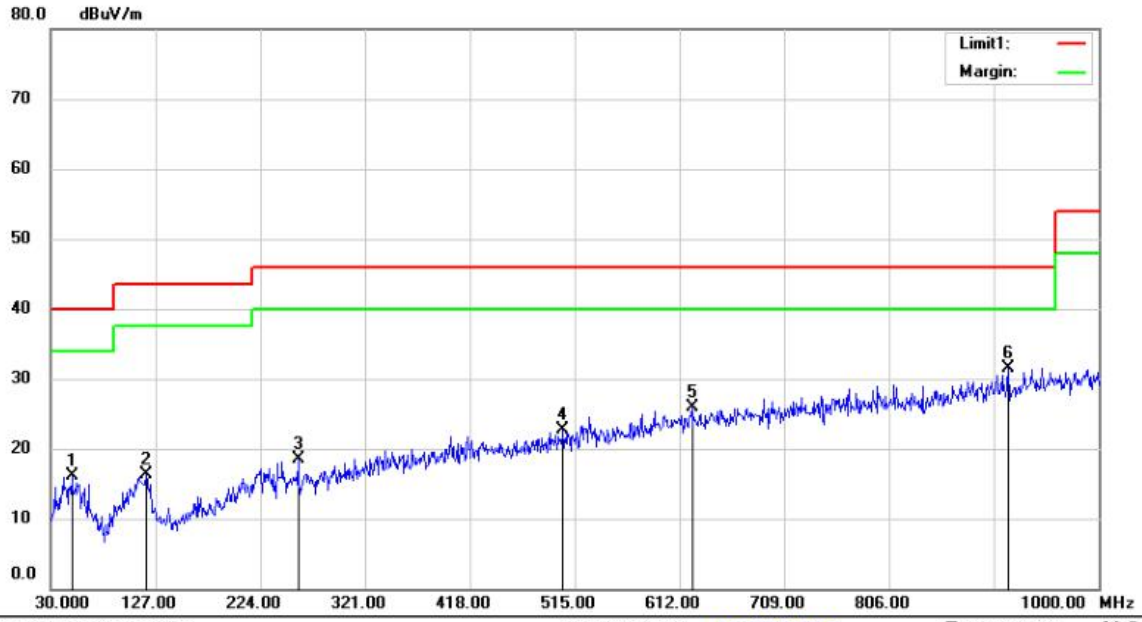


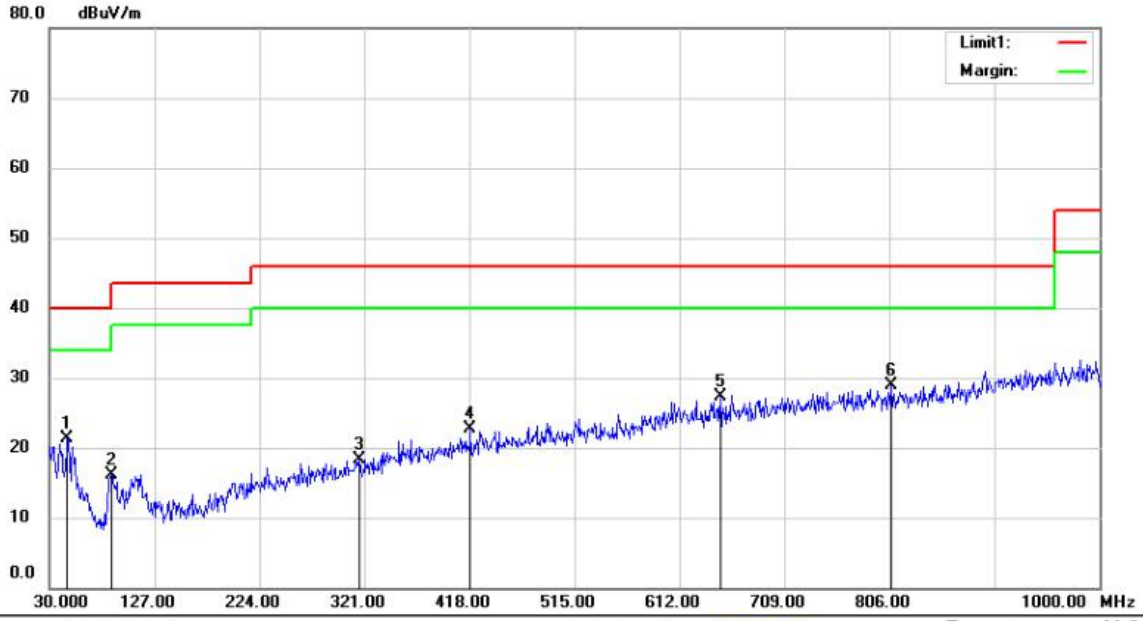
Site 3m Chamber #1 Polarization: ***Horizontal*** Temperature: 29.5 C

Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Mode: 2DH1 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		49.8850	27.35	-11.26	16.09	40.00	-23.91	QP			
2		118.3912	30.02	-13.81	16.21	43.50	-27.29	QP			
3		259.1625	27.97	-9.52	18.45	46.00	-27.55	QP			
4		505.0575	27.36	-4.67	22.69	46.00	-23.31	QP			
5		624.0037	27.86	-1.89	25.97	46.00	-20.03	QP			
6	*	916.9437	29.08	2.49	31.57	46.00	-14.43	QP			



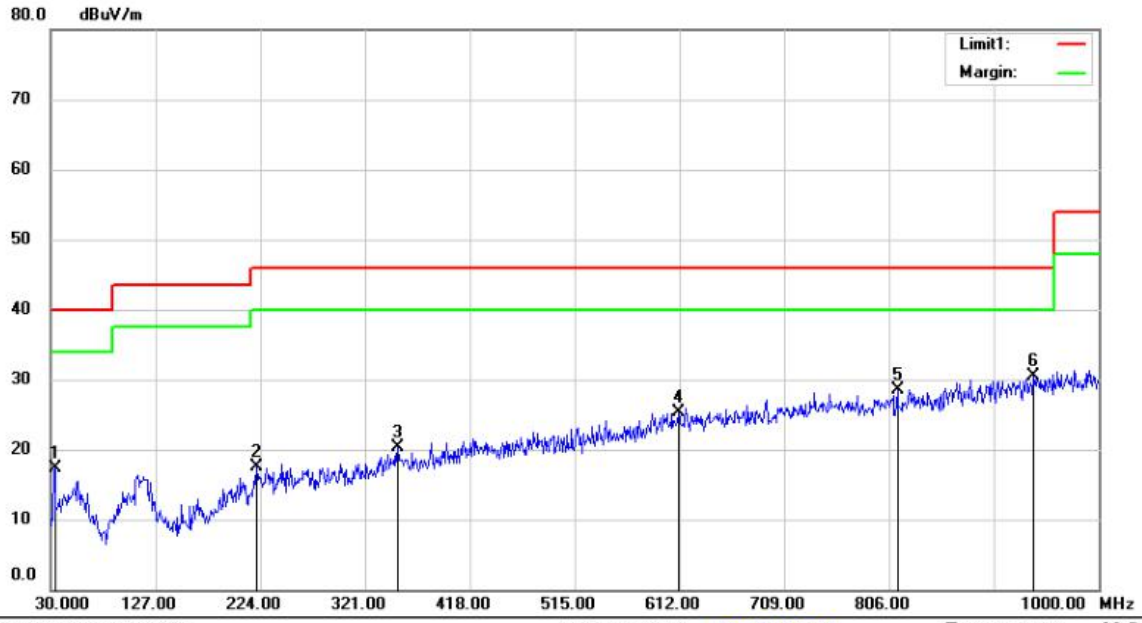
Site 3m Chamber #1 Polarization: *Vertical* Temperature: 29.5 C

Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Mode: 2DH1 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		46.7324	32.58	-11.24	21.34	40.00	-18.66	peak			
2		87.3512	31.74	-15.55	16.19	40.00	-23.81	peak			
3		316.8774	26.23	-7.99	18.24	46.00	-27.76	peak			
4		419.4550	28.31	-5.59	22.72	46.00	-23.28	peak			
5		650.4361	29.02	-1.63	27.39	46.00	-18.61	peak			
6	*	807.9400	28.44	0.38	28.82	46.00	-17.18	peak			



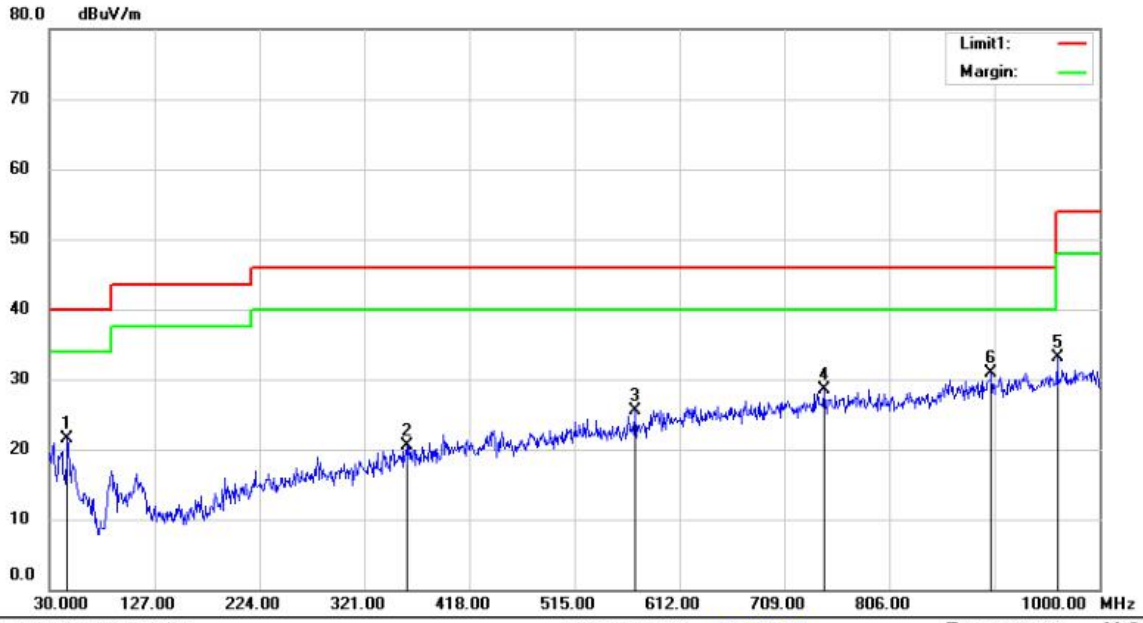
Site 3m Chamber #1 Polarization: ***Horizontal*** Temperature: 29.5 C

Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Mode: 3DH1 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		34.3650	30.39	-13.14	17.25	40.00	-22.75	QP			
2		220.4837	28.68	-11.08	17.60	46.00	-28.40	QP			
3		351.3125	27.17	-6.78	20.39	46.00	-25.61	QP			
4		611.5150	27.33	-2.01	25.32	46.00	-20.68	QP			
5		814.0025	28.08	0.43	28.51	46.00	-17.49	QP			
6	*	939.8600	27.67	2.79	30.46	46.00	-15.54	QP			



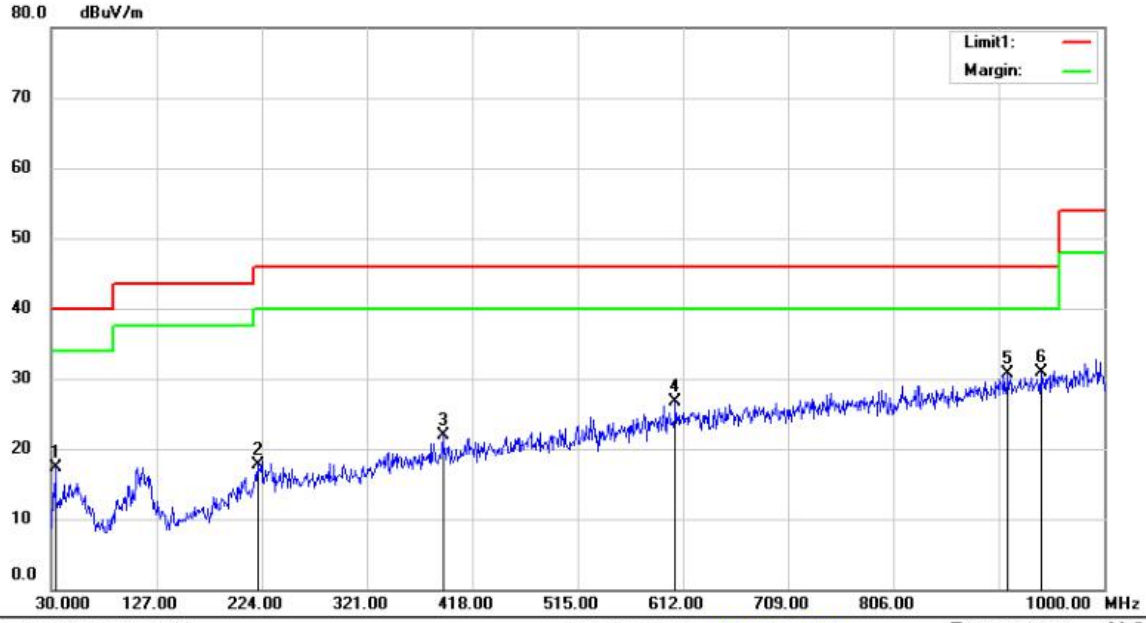
Site 3m Chamber #1 Polarization: ***Vertical*** Temperature: 29.5 C

Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Mode: 3DH1 2402

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		47.3387	32.80	-11.21	21.59	40.00	-18.41	QP			
2		359.9212	27.36	-6.84	20.52	46.00	-25.48	QP			
3		571.8662	28.68	-3.22	25.46	46.00	-20.54	QP			
4		745.8600	28.88	-0.29	28.59	46.00	-17.41	QP			
5		961.2000	29.81	3.21	33.02	54.00	-20.98	QP			
6	*	900.0900	28.89	2.05	30.94	46.00	-15.06	QP			

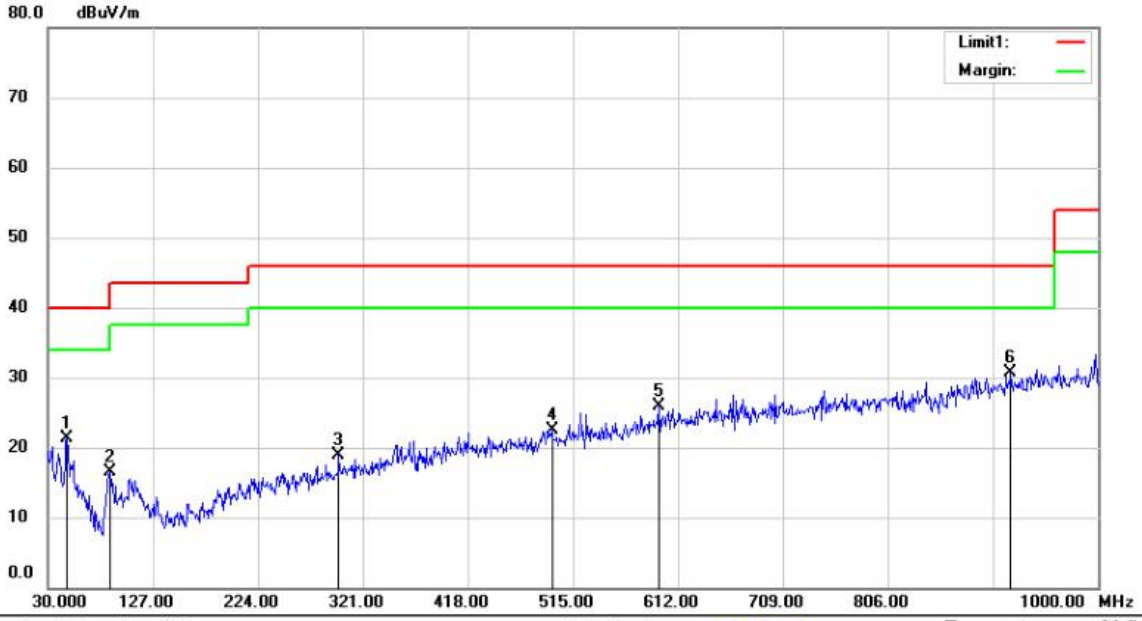


Site 3m Chamber #1
Limit: FCC PART 15C
Mode: 3DH1 2441
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 29.5 C
Humidity: 48 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		34.3650	30.50	-13.14	17.36	40.00	-22.64	QP			
2		220.4837	28.88	-11.08	17.80	46.00	-28.20	QP			
3		391.3250	28.19	-6.31	21.88	46.00	-24.12	QP			
4		605.3312	28.75	-2.10	26.65	46.00	-19.35	QP			
5		911.7300	28.37	2.35	30.72	46.00	-15.28	QP			
6	*	942.2850	28.00	2.82	30.82	46.00	-15.18	QP			

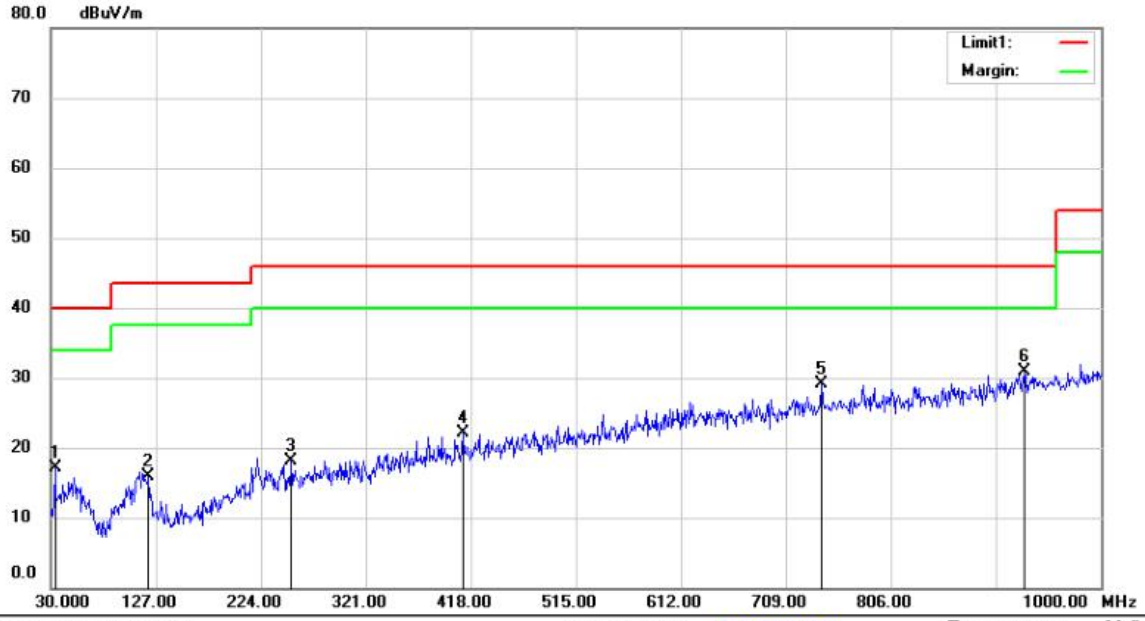


Site 3m Chamber #1
Limit: FCC PART 15C
Mode:3DH1 2441
Note:

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 29.5 C
Humidity: 48 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		47.4600	32.44	-11.21	21.23	40.00	-18.77	QP			
2		87.4724	31.97	-15.51	16.46	40.00	-23.54	QP			
3		298.9325	27.27	-8.31	18.96	46.00	-27.04	QP			
4		495.9637	27.23	-4.80	22.43	46.00	-23.57	QP			
5		595.3887	28.14	-2.33	25.81	46.00	-20.19	QP			
6	*	919.8537	28.11	2.57	30.68	46.00	-15.32	QP			

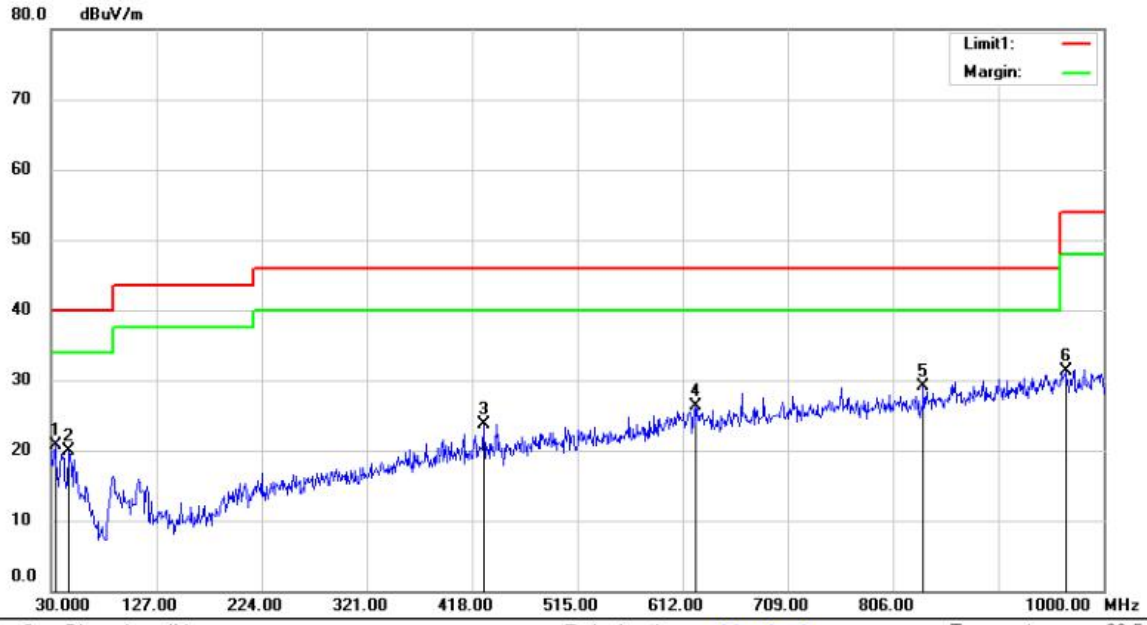


Site 3m Chamber #1
Limit: FCC PART 15C
Mode: 3DH1 2480
Note:

Polarization: *Horizontal*
Power: AC 120V/60Hz

Temperature: 29.5 C
Humidity: 48 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		34.4862	30.34	-13.17	17.17	40.00	-22.83	QP			
2		120.4525	29.98	-14.16	15.82	43.50	-27.68	QP			
3		252.6150	27.83	-9.76	18.07	46.00	-27.93	QP			
4		410.7250	27.77	-5.75	22.02	46.00	-23.98	QP			
5		742.1012	29.37	-0.33	29.04	46.00	-16.96	QP			
6	*	929.7962	28.27	2.62	30.89	46.00	-15.11	QP			



Site 3m Chamber #1 Polarization: ***Vertical*** Temperature: 29.5 C

Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 48 %

Mode: 3DH1 2480

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		33.8800	33.83	-13.12	20.71	40.00	-19.29	QP			
2		46.3687	31.22	-11.27	19.95	40.00	-20.05	QP			
3		429.0337	29.07	-5.42	23.65	46.00	-22.35	QP			
4		623.7612	28.21	-1.89	26.32	46.00	-19.68	QP			
5	*	834.7362	28.45	0.68	29.13	46.00	-16.87	QP			
6		965.8075	28.00	3.23	31.23	54.00	-22.77	QP			

■ Spurious Emission Above 1GHz (1GHz to 25GHz)

Test mode:	GFSK	Frequency:	Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1507.906	V	46.71	32.62	74	54	-27.29	-21.38
7206.000	V	54.51	48.63	74	54	-19.49	-5.37
17989.59	V	63.23	46.52	74	54	-10.77	-7.48
1500.732	H	46.34	32.03	74	54	-27.66	-21.97
7206.000	H	54.46	48.02	74	54	-19.54	-5.98
17968.81	H	62.28	45.69	74	54	-11.72	-8.31

Test mode:	GFSK	Frequency:	Channel 39: 2441MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1700.812	V	46.40	31.26	74	54	-27.60	-22.74
7323.000	V	55.13	48.85	74	54	-18.87	-5.15
17955.83	V	62.50	46.64	74	54	-11.50	-7.36
1678.348	H	46.01	31.56	74	54	-27.99	-22.44
7323.000	H	54.37	48.24	74	54	-19.63	-5.76
17981.80	H	61.67	45.86	74	54	-12.33	-8.14

Test mode:	GFSK	Frequency:	Channel 78: 2480MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1608.764	V	45.61	30.56	74	54	-28.39	-23.44
7440.437	V	54.52	48.26	74	54	-19.48	-5.74
17979.20	V	62.94	46.23	74	54	-11.06	-7.77
1668.674	H	46.19	31.26	74	54	-27.81	-22.74
7440.437	H	52.59	45.06	74	54	-21.41	-8.94
17986.99	H	63.14	46.58	74	54	-10.86	-7.42

Test mode:	π/4DQPSK	Frequency:	Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1507.906	V	46.21	31.69	74	54	-27.79	-22.31
7206.555	V	55.01	48.66	74	54	-18.99	-5.34
17989.59	V	62.73	46.25	74	54	-11.27	-7.75
1500.732	H	46.34	31.56	74	54	-27.66	-22.44
7206.555	H	54.96	47.99	74	54	-19.04	-6.01
17968.81	H	63.78	46.85	74	54	-10.22	-7.15

Test mode:	π/4DQPSK	Frequency:	Channel 39: 2441MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1700.812	V	47.90	32.25	74	54	-26.10	-21.75
7323.000	V	54.02	47.86	74	54	-19.98	-6.14
14826.67	V	61.09	46.36	74	54	-12.91	-7.64
1539.392	H	46.48	31.84	74	54	-27.52	-22.16
7323.092	H	54.37	48.22	74	54	-19.63	-5.78
17981.80	H	64.67	48.05	74	54	-9.33	-5.95

Test mode:	π/4DQPSK	Frequency:	Channel 78: 2480MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1665.301	V	47.01	32.36	74	54	-26.99	-21.64
7440.437	V	55.02	48.05	74	54	-18.98	-5.95
14420.92	V	58.76	43.87	74	54	-15.24	-10.13
1668.674	H	47.19	33.69	74	54	-26.81	-20.31
7440.000	H	55.34	48.14	74	54	-18.66	-5.86
17986.99	H	62.14	46.24	74	54	-11.86	-7.76

Test mode:	8DPSK	Frequency:	Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1507.906	V	46.71	31.25	74	54	-27.29	-22.75
7206.555	V	55.01	48.51	74	54	-18.99	-5.49
17989.59	V	61.73	46.21	74	54	-12.27	-7.79
1500.732	H	47.84	32.05	74	54	-26.16	-21.95
7206.555	H	54.46	47.99	74	54	-19.54	-6.01
14994.75	H	60.77	45.21	74	54	-13.23	-8.79

Test mode:	8DPSK	Frequency:	Channel 39: 2441MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1700.812	V	46.90	31.24	74	54	-27.10	-22.76
7323.000	V	54.52	48.09	74	54	-19.48	-5.91
14826.67	V	60.09	45.32	74	54	-13.91	-8.68
1539.392	H	46.48	32.57	74	54	-27.52	-21.43
7323.000	H	55.04	48.24	74	54	-18.96	-5.76
17981.80	H	60.17	45.32	74	54	-13.83	-8.68

Test mode:	8DPSK	Frequency:	Channel 78: 2480MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
1608.764	V	46.61	31.54	74	54	-27.39	-22.46
7440.437	V	54.52	47.87	74	54	-19.48	-6.13
15101.31	V	59.84	44.28	74	54	-14.16	-9.72
1611.789	H	46.43	32.06	74	54	-27.57	-21.94
7440.000	H	55.84	48.67	74	54	-18.16	-5.33
17986.99	H	61.64	46.24	74	54	-12.36	-7.76

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) Data of measurement within this frequency range shown " -- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

■ Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz

Test mode: GFSK Frequency: Channel 0: 2402MHz

Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2389.276	H	49.46	74	36.25	54
2389.408	V	52.95	74	39.02	54

Test mode: GFSK Frequency: Channel 78: 2480MHz

Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2483.580	H	56.16	74	43.96	54
2483.696	V	60.30	74	45.02	54

Test mode: π/4DQPSK Frequency: Channel 0: 2402MHz

Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2389.836	H	51.93	74	37.23	54
2387.088	V	53.06	74	38.26	54

Test mode: π/4DQPSK Frequency: Channel 78: 2480MHz

Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2483.581	H	57.85	74	42.39	54
2483.582	V	56.84	74	42.05	54

Test mode: 8DPSK Frequency: Channel 0: 2402MHz

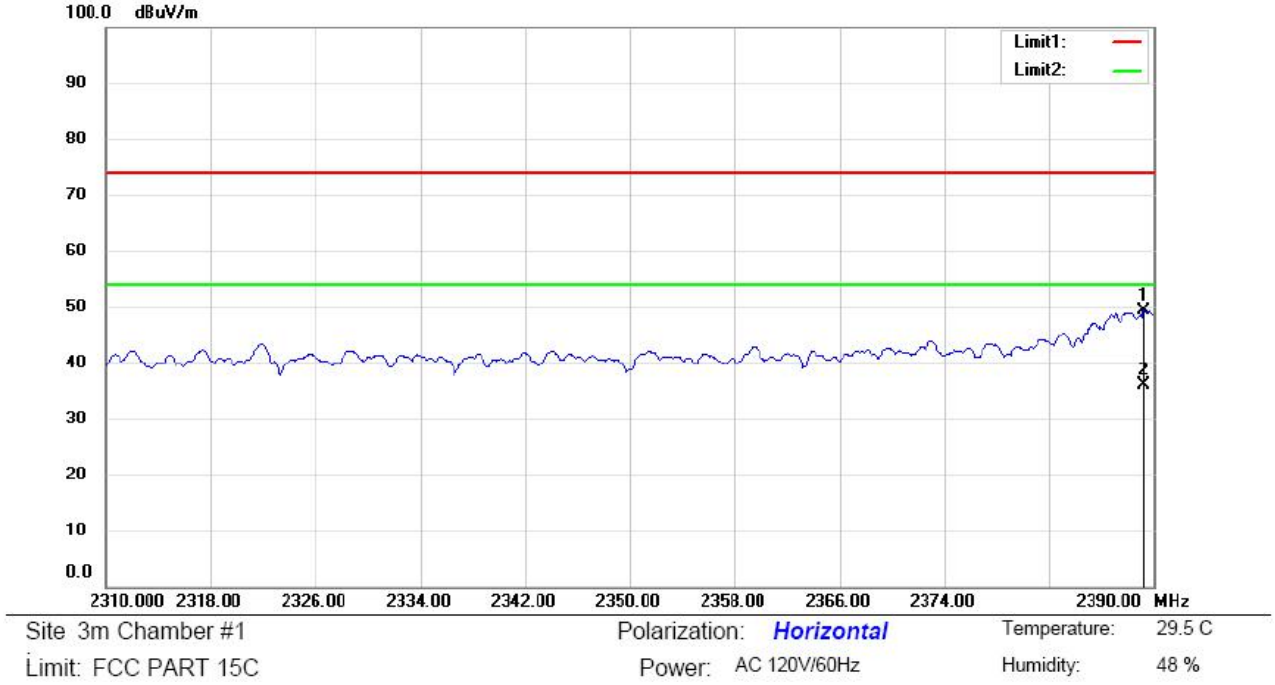
Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2389.880	H	51.96	74	36.26	54
2389.716	V	53.51	74	38.26	54

Test mode: 8DPSK Frequency: Channel 78: 2480MHz

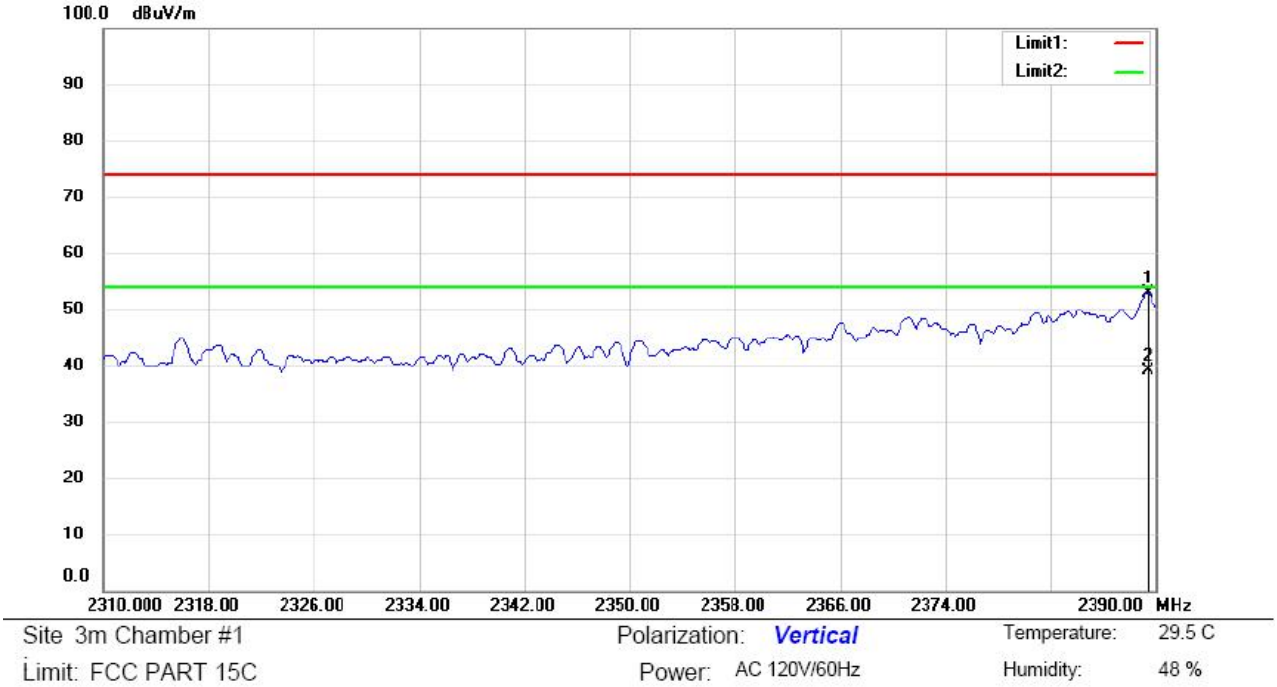
Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2483.595	H	57.85	74	43.02	54
2484.011	V	58.04	74	43.06	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Peak Value (VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) Data of measurement within this frequency range shown " -- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

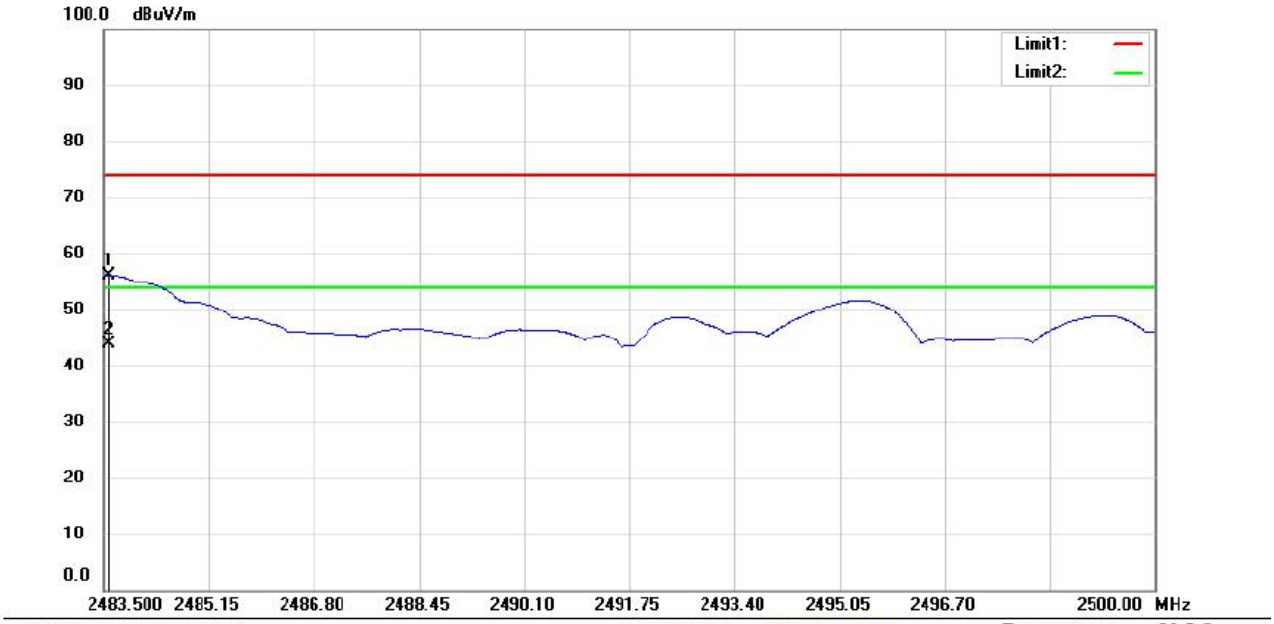
Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	GFSK	H



Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	GFSK	V

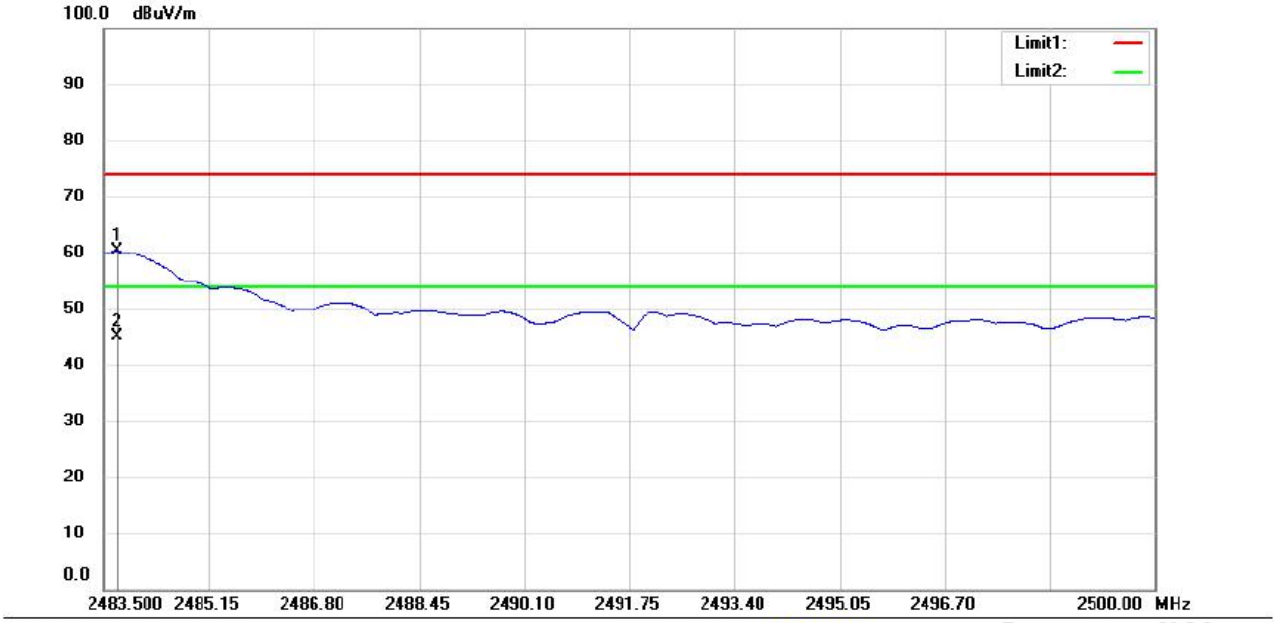


Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	GFSK	H



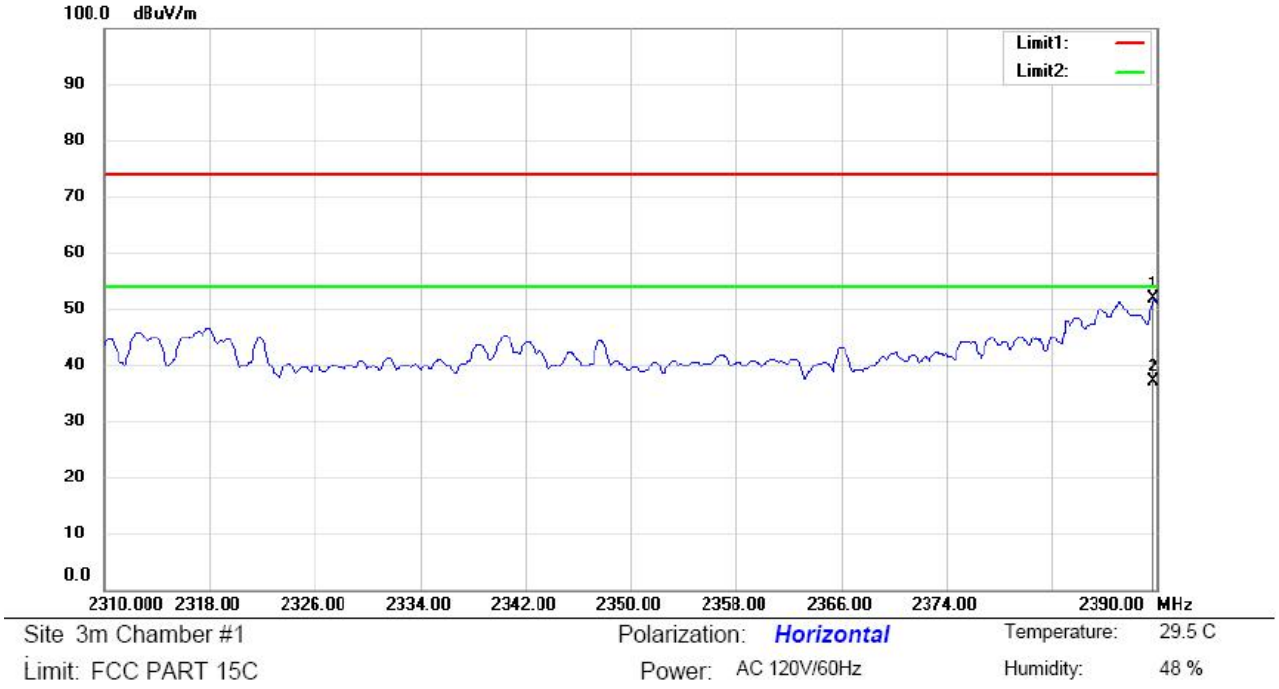
Site 3m Chamber #1 Polarization: *Horizontal* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	GFSK	V



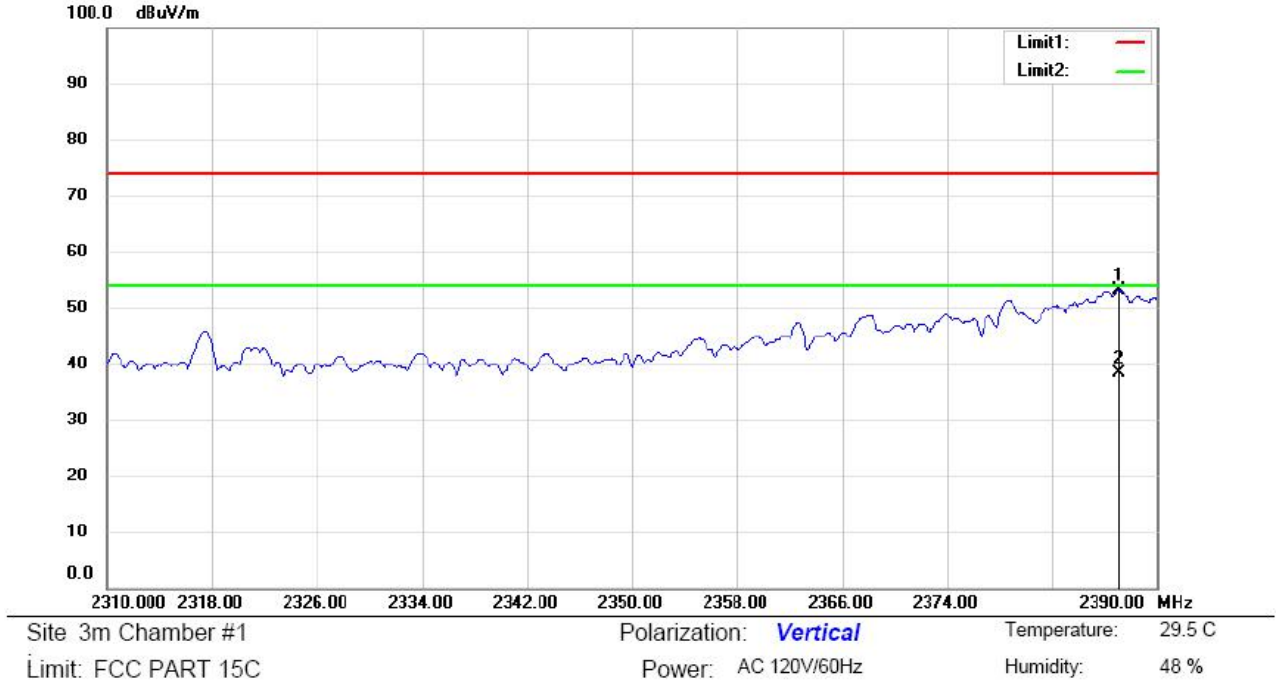
Site 3m Chamber #1 Polarization: *Vertical* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	π /4DQPSK	H



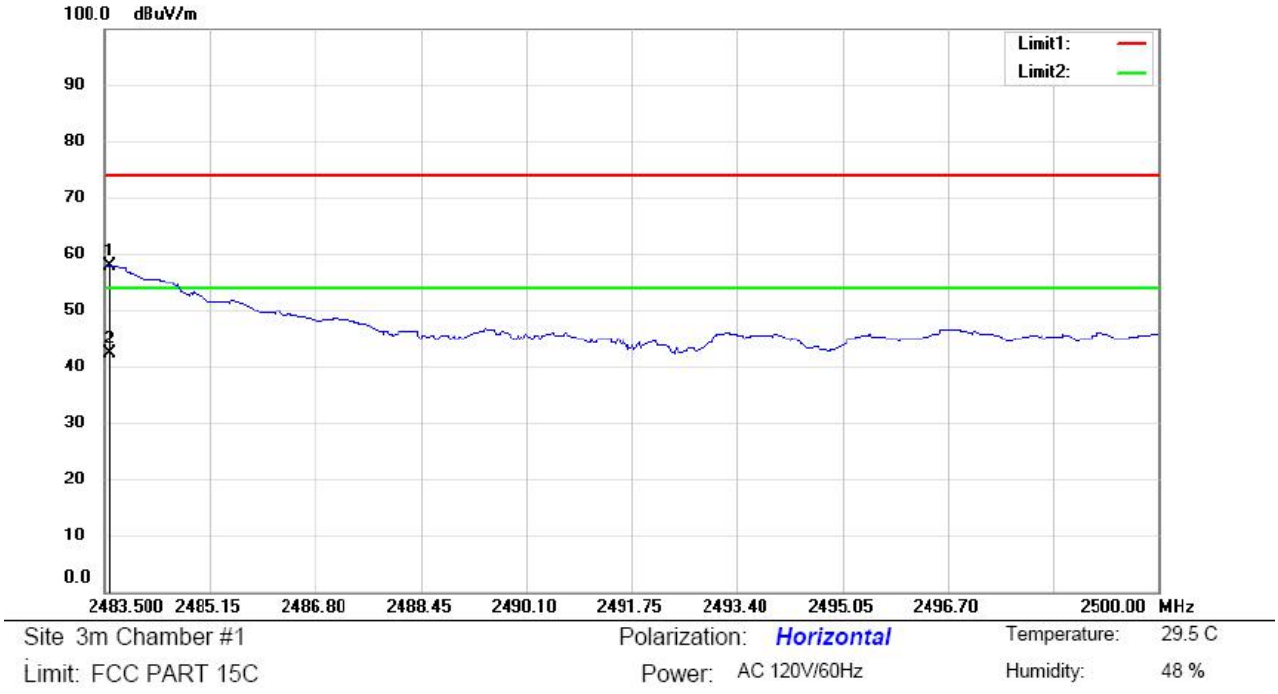
Site 3m Chamber #1	Polarization: *Horizontal*	Temperature:	29.5 C
Limit: FCC PART 15C	Power: AC 120V/60Hz	Humidity:	48 %

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	π /4DQPSK	V



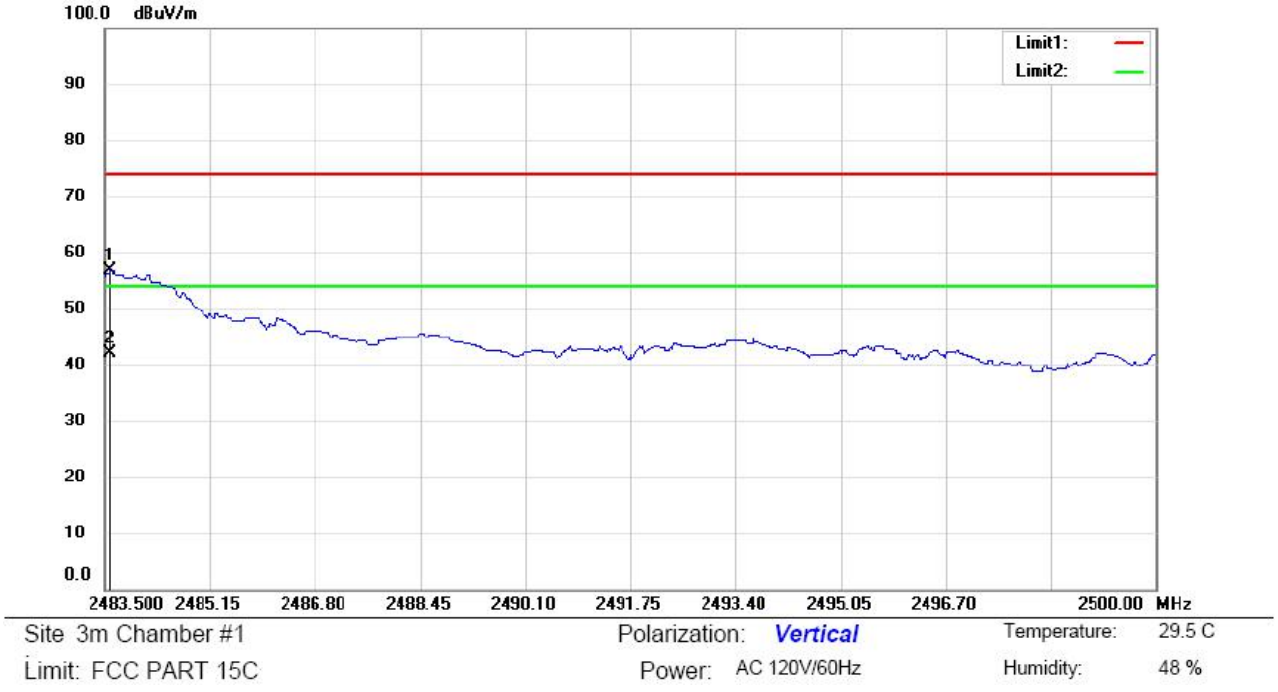
Site 3m Chamber #1	Polarization: *Vertical*	Temperature:	29.5 C
Limit: FCC PART 15C	Power: AC 120V/60Hz	Humidity:	48 %

Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	π /4DQPSK	H



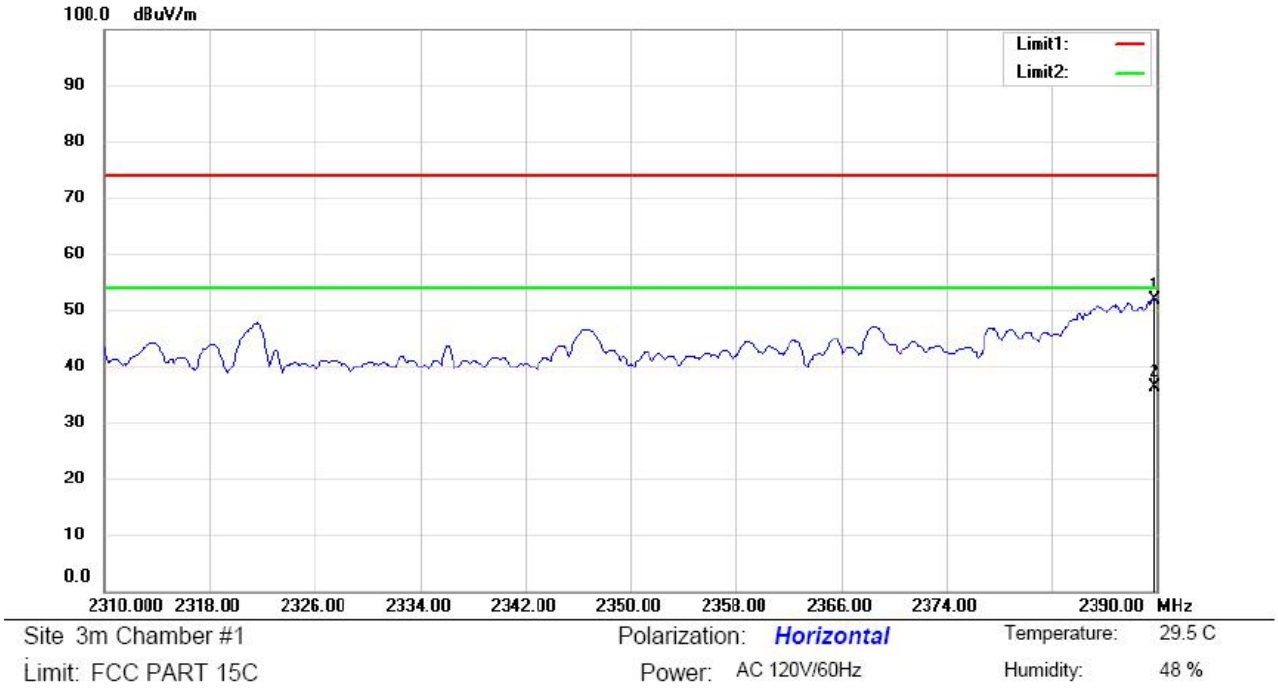
Site 3m Chamber #1	Polarization: *Horizontal*	Temperature:	29.5 C
Limit: FCC PART 15C	Power: AC 120V/60Hz	Humidity:	48 %

Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	π /4DQPSK	V



Site 3m Chamber #1	Polarization: *Vertical*	Temperature:	29.5 C
Limit: FCC PART 15C	Power: AC 120V/60Hz	Humidity:	48 %

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	8DPSK	H

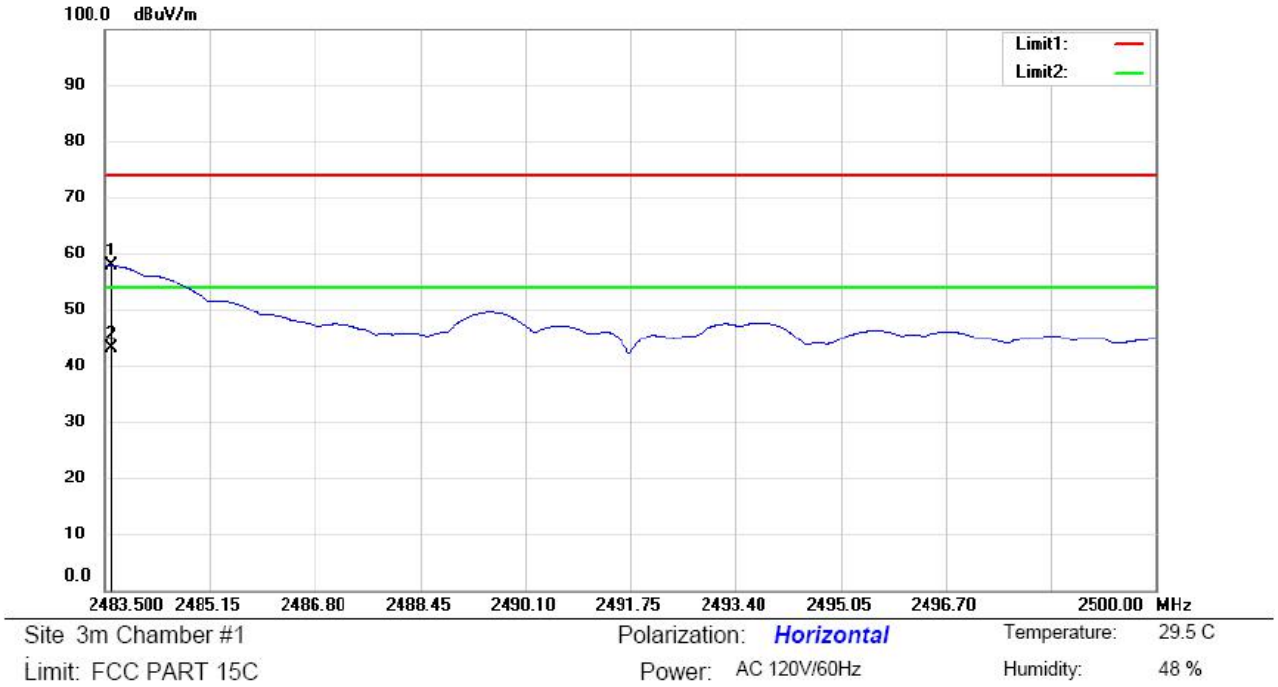


Site 3m Chamber #1 Polarization: *Horizontal* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	8DPSK	V

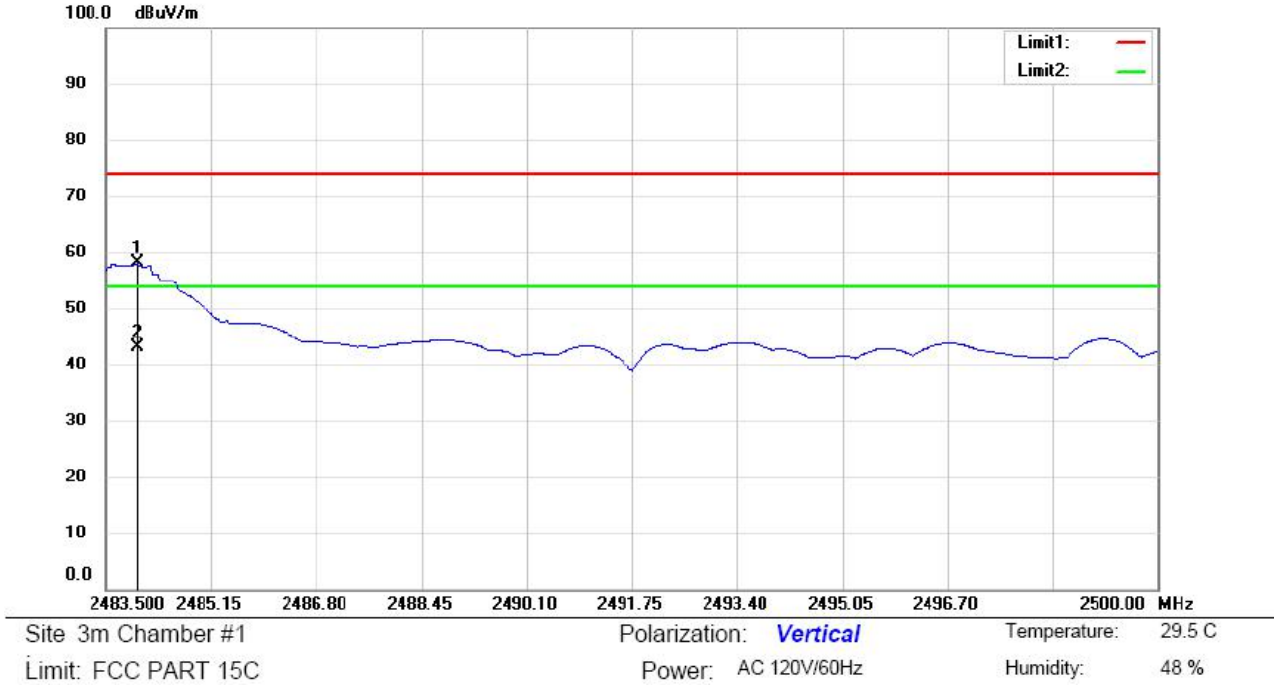
Site 3m Chamber #1 Polarization: *Vertical* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	8DPSK	H



Site 3m Chamber #1 Polarization: *Horizontal* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz		
	Channel 78: 2480MHz	8DPSK	V



Site 3m Chamber #1 Polarization: *Vertical* Temperature: 29.5 C
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 48 %

9.8 CONDUCTED EMISSION TEST

9.8.1 Applicable Standard

According to FCC Part 15.207(a)

9.8.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50
Note: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.		

9.8.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

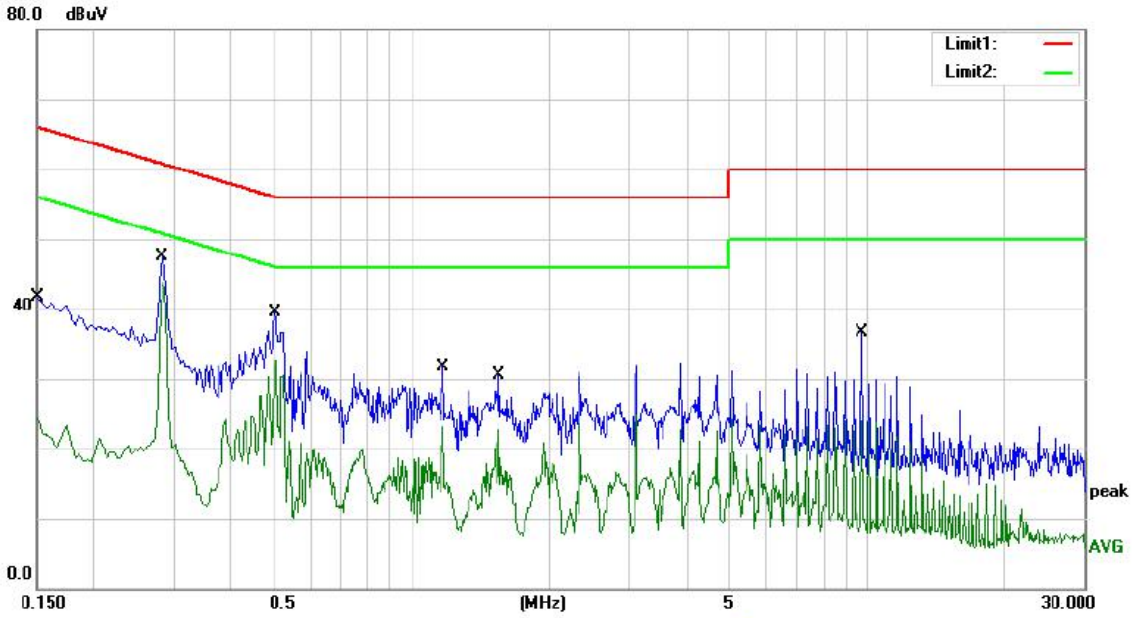
9.8.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

9.8.5 Test Results

Pass

The 120V &240V voltagehave been tested, and the worst result recorded was report as below:

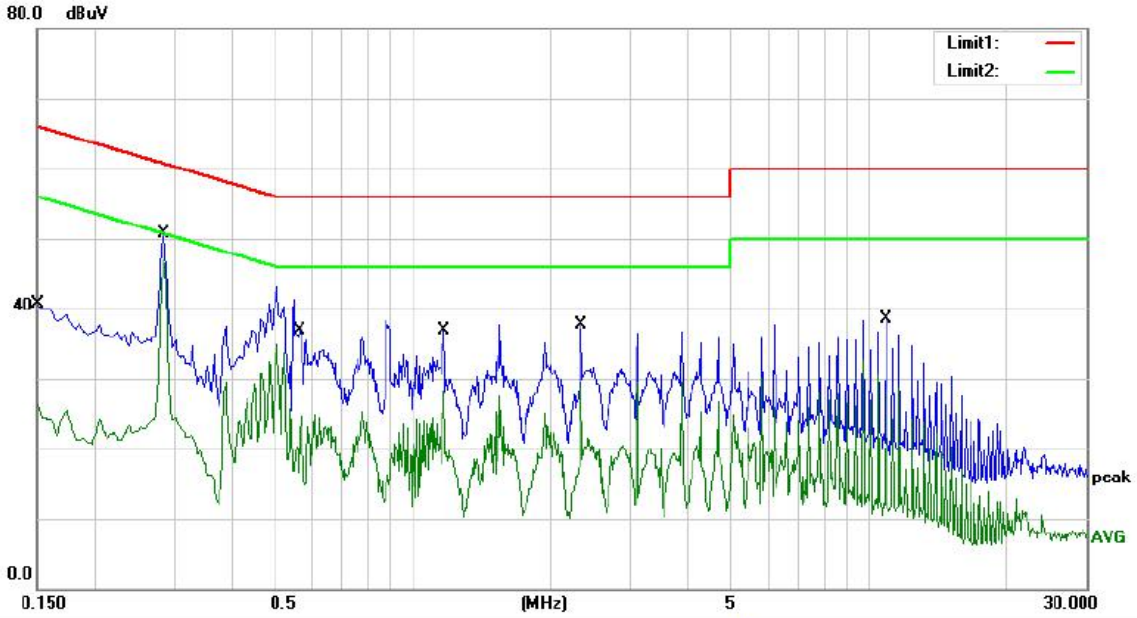


Site Conduction #2
Limit: FCC PART 15C
Mode: BT mode
Note:

Phase: N
Power: AC 120V/60Hz

Temperature: 23.7
Humidity: 41 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	31.83	9.89	41.72	66.00	-24.28	QP	
2		0.1500	15.06	9.89	24.95	56.00	-31.05	AVG	
3		0.2820	37.65	9.91	47.56	60.76	-13.20	QP	
4	*	0.2820	33.70	9.91	43.61	50.76	-7.15	AVG	
5		0.5020	29.64	9.92	39.56	56.00	-16.44	QP	
6		0.5020	22.87	9.92	32.79	46.00	-13.21	AVG	
7		1.1660	21.75	9.93	31.68	56.00	-24.32	QP	
8		1.1660	13.24	9.93	23.17	46.00	-22.83	AVG	
9		1.5580	20.48	9.93	30.41	56.00	-25.59	QP	
10		1.5580	12.86	9.93	22.79	46.00	-23.21	AVG	
11		9.7060	26.75	10.01	36.76	60.00	-23.24	QP	
12		9.7060	14.18	10.01	24.19	50.00	-25.81	AVG	



Site Conduction #2 Phase: L1 Temperature: 23.7
Limit: FCC PART 15C Power: AC 120V/60Hz Humidity: 41 %
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	30.81	9.89	40.70	66.00	-25.30	QP	
2		0.1500	16.75	9.89	26.64	56.00	-29.36	AVG	
3		0.2860	40.70	9.91	50.61	60.64	-10.03	QP	
4	*	0.2860	37.08	9.91	46.99	50.64	-3.65	AVG	
5		0.5660	27.03	9.92	36.95	56.00	-19.05	QP	
6		0.5660	24.98	9.92	34.90	46.00	-11.10	AVG	
7		1.1660	26.91	9.93	36.84	56.00	-19.16	QP	
8		1.1660	18.43	9.93	28.36	46.00	-17.64	AVG	
9		2.3340	27.85	9.94	37.79	56.00	-18.21	QP	
10		2.3340	19.54	9.94	29.48	46.00	-16.52	AVG	
11		10.8740	28.39	10.02	38.41	60.00	-21.59	QP	
12		10.8740	22.75	10.02	32.77	50.00	-17.23	AVG	

9.9 ANTENNA APPLICATION

9.9.1 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.

9.9.2 Result

PASS.

The EUT is Integral Antenna, the gain is 0 dBi.

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 ------