

Test result

Project Number: 1

Test Time: 2018-06-16_15.36.58

EUT Name

Test Engineer

Li Peng

Manufacturer

N.A

Test Standard

FCC Part 15B

Model

EBR-L

Work Addition

Normal

Temp.(oC)

25

Polarizer

Auto

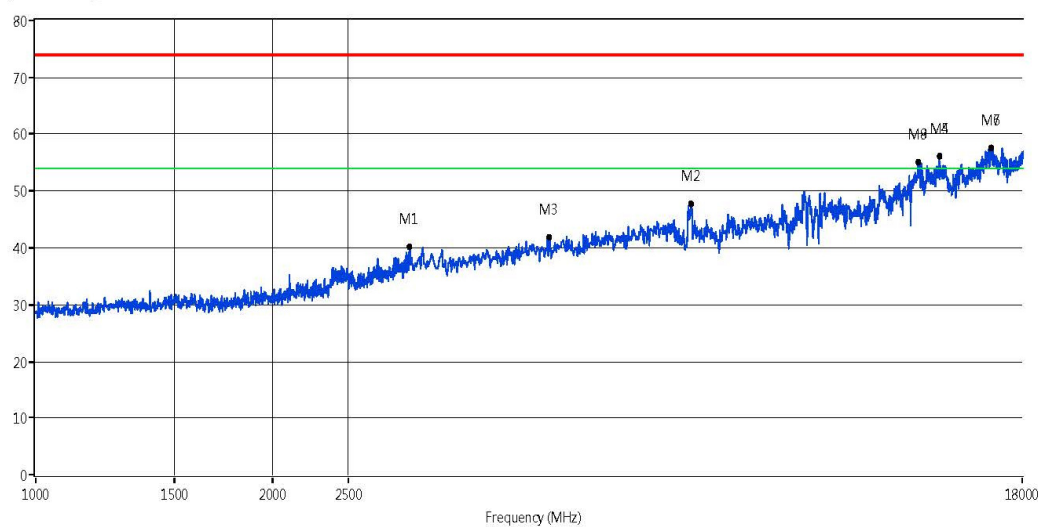
Hum.

65%

Remark

N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	2994.006	40.26	-11.54	74.00	-33.74	Peak	Horizontal	Pass
2	6826.174	47.76	-3.95	74.00	-26.24	Peak	Horizontal	Pass
3	4508.492	41.82	-8.69	74.00	-32.18	Peak	Horizontal	Pass
4	14114.885	56.12	3.96	74.00	-17.88	Peak	Horizontal	Pass
5	14114.885	43.28	3.96	54.00	-10.72	Average	Horizontal	Pass
6	16440.559	57.60	5.63	74.00	-16.40	Peak	Horizontal	Pass
7	16440.559	45.56	5.63	54.00	-8.44	Average	Horizontal	Pass
8	13263.736	55.09	1.76	74.00	-18.91	Peak	Horizontal	Pass
9	13263.736	45.97	1.76	54.00	-8.03	Average	Horizontal	Pass

Test result

Project Number: 1

Test Time: 2018-06-16_15.35.46

EUT Name

Manufacturer N.A

Model EBR-L

Temp.(oC) 25

Hum. 65%

Test Engineer Li Peng

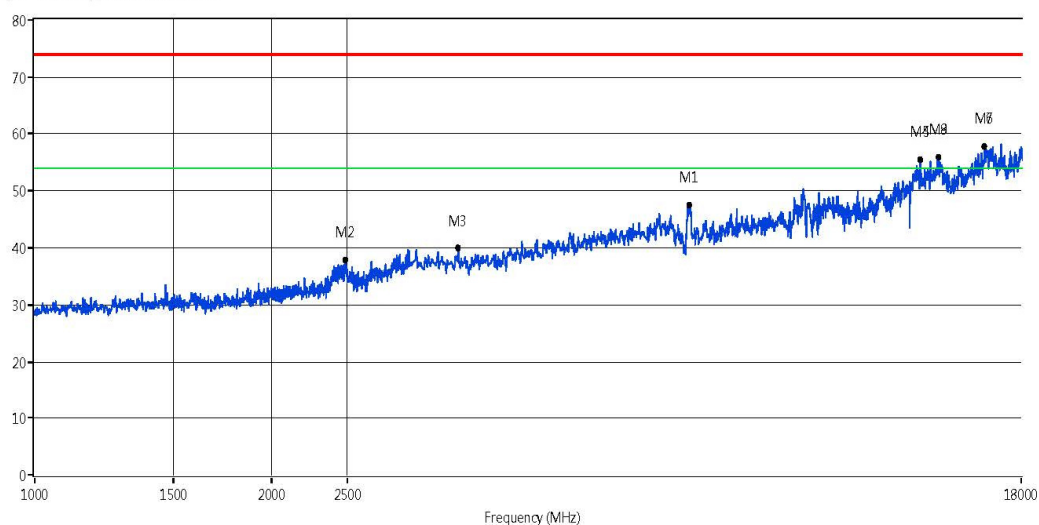
Test Standard FCC Part 15B

Work Addition Normal

Polarizer Auto

Remark N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	6806.194	47.48	-3.99	74.00	-26.52	Peak	Vertical	Pass
2	2486.513	37.86	-13.49	74.00	-36.14	Peak	Vertical	Pass
3	3459.540	39.91	-12.99	74.00	-34.09	Peak	Vertical	Pass
4	13383.616	55.47	2.13	74.00	-18.53	Peak	Vertical	Pass
5	13383.616	43.08	2.13	54.00	-10.92	Average	Vertical	Pass
6	16164.835	57.79	6.07	74.00	-16.21	Peak	Vertical	Pass
7	16164.835	43.97	6.07	54.00	-10.03	Average	Vertical	Pass
8	14114.885	55.98	3.96	74.00	-18.02	Peak	Vertical	Pass
9	14114.885	45.06	3.96	54.00	-8.94	Average	Vertical	Pass

Test result

Project Number: 1

Test Time: 2018-07-25_15.39.16

EUT Name

Test Engineer

Li Peng

Manufacturer

N.A

Test Standard

FCC Part 15B

Model

EBR-M

Work Addition

Normal

Temp.(oC)

25

Polarizer

Auto

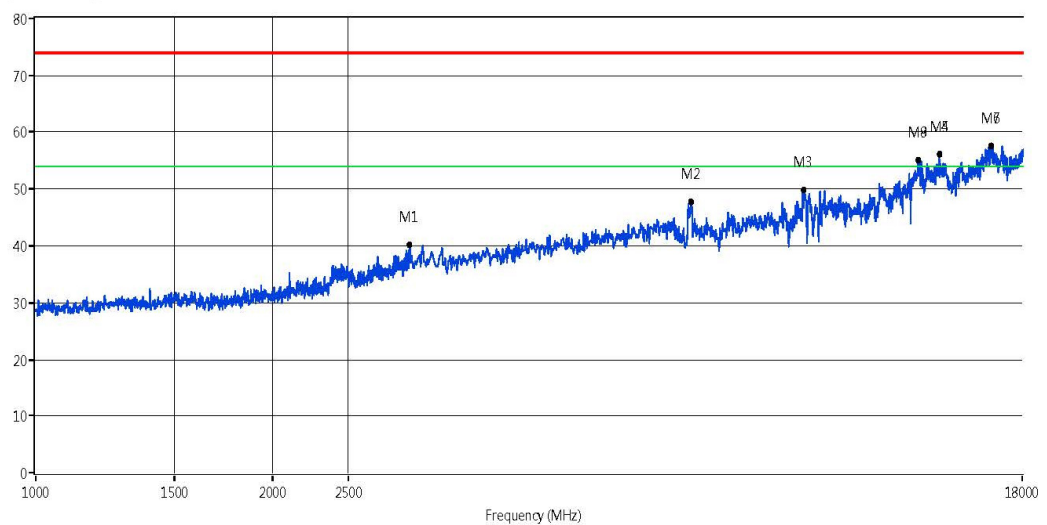
Hum.

65%

Remark

N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	2994.006	40.26	-11.54	74.00	-33.74	Peak	Horizontal	Pass
2	6826.174	47.76	-3.95	74.00	-26.24	Peak	Horizontal	Pass
3	9503.497	49.87	2.61	74.00	-24.13	Peak	Horizontal	Pass
4	14114.885	56.12	3.96	74.00	-17.88	Peak	Horizontal	Pass
5	14114.885	43.65	3.96	54.00	-10.35	Average	Horizontal	Pass
6	16440.559	57.60	5.63	74.00	-16.40	Peak	Horizontal	Pass
7	16440.559	44.28	5.63	54.00	-9.72	Average	Horizontal	Pass
8	13263.736	55.09	1.76	74.00	-18.91	Peak	Horizontal	Pass
9	13263.736	45.12	1.76	54.00	-8.88	Average	Horizontal	Pass

Test result

Project Number: 1

Test Time: 2018-06-16_15.40.54

EUT Name

Test Engineer

Li Peng

Manufacturer

N.A

Test Standard

FCC Part 15B

Model

EBR-M

Work Addition

Normal

Temp.(oC)

25

Polarizer

Auto

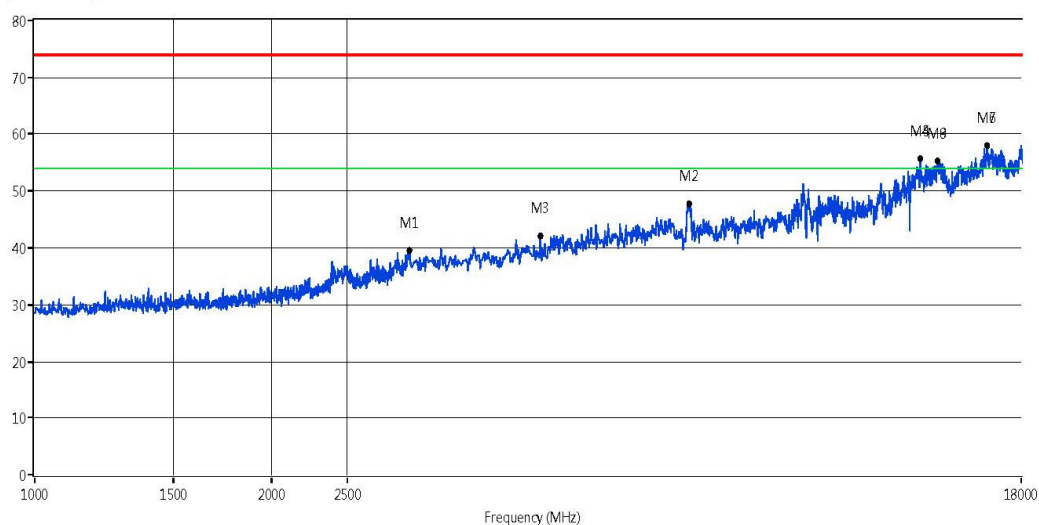
Hum.

65%

Remark

N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	3000.000	39.58	-13.73	74.00	-34.42	Peak	Vertical	Pass
2	6796.204	47.84	-4.07	74.00	-26.16	Peak	Vertical	Pass
3	4398.601	42.12	-9.16	74.00	-31.88	Peak	Vertical	Pass
4	13383.616	55.69	2.13	74.00	-18.31	Peak	Vertical	Pass
5	13383.616	42.65	2.13	54.00	-11.35	Average	Vertical	Pass
6	16296.703	58.11	6.58	74.00	-15.89	Peak	Vertical	Pass
7	16296.703	45.95	6.58	54.00	-8.05	Average	Vertical	Pass
8	14102.897	55.26	4.01	74.00	-18.74	Peak	Vertical	Pass
9	14102.897	46.03	4.01	54.00	-7.97	Average	Vertical	Pass

Test result

Project Number: 1

Test Time: 2018-06-16_15.32.23

EUT Name

Test Engineer

Li Peng

Manufacturer

N.A

Test Standard

FCC Part 15B

Model

EBR-H

Work Addition

Normal

Temp.(oC)

25

Polarizer

Auto

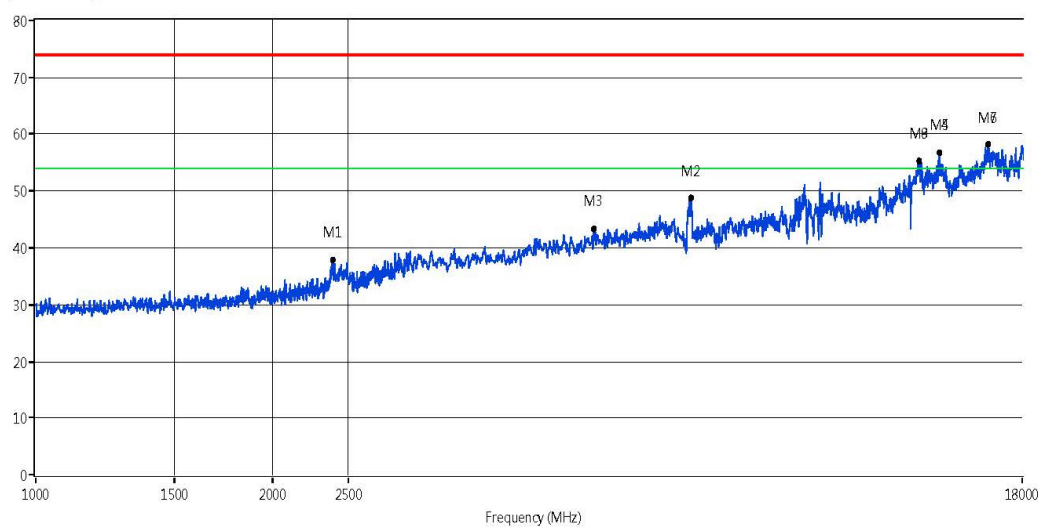
Hum.

65%

Remark

N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	2390.609	37.96	-14.15	74.00	-36.04	Peak	Horizontal	Pass
2	6826.174	48.71	-3.95	74.00	-25.29	Peak	Horizontal	Pass
3	5137.862	43.28	-7.19	74.00	-30.72	Peak	Horizontal	Pass
4	14126.873	56.76	3.10	74.00	-17.24	Peak	Horizontal	Pass
5	14126.873	43.26	3.10	54.00	-10.74	Average	Horizontal	Pass
6	16296.703	58.12	6.58	74.00	-15.88	Peak	Horizontal	Pass
7	16296.703	45.07	6.58	54.00	-8.93	Average	Horizontal	Pass
8	13299.700	55.27	2.15	74.00	-18.73	Peak	Horizontal	Pass
9	13299.700	45.96	2.15	54.00	-8.04	Average	Horizontal	Pass

Test result

Project Number: 1

Test Time: 2018-07-25_15.34.24

EUT Name

Test Engineer

Li Peng

Manufacturer

N.A

Test Standard

FCC Part 15B

Model

EBR-H

Work Addition

Normal

Temp.(oC)

25

Polarizer

Auto

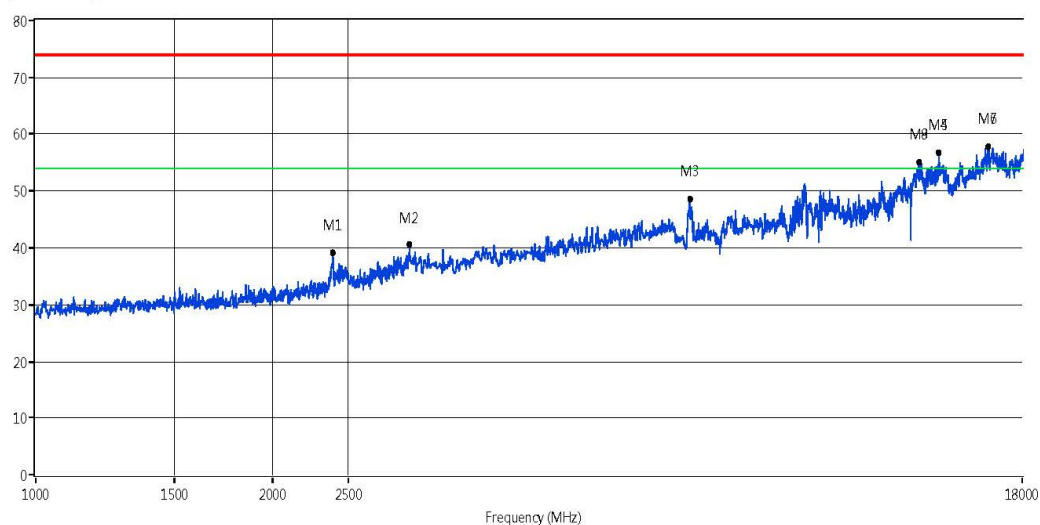
Hum.

65%

Remark

N.A

RE_FCC Test Case_FCC 15B 1GHz-25GHz

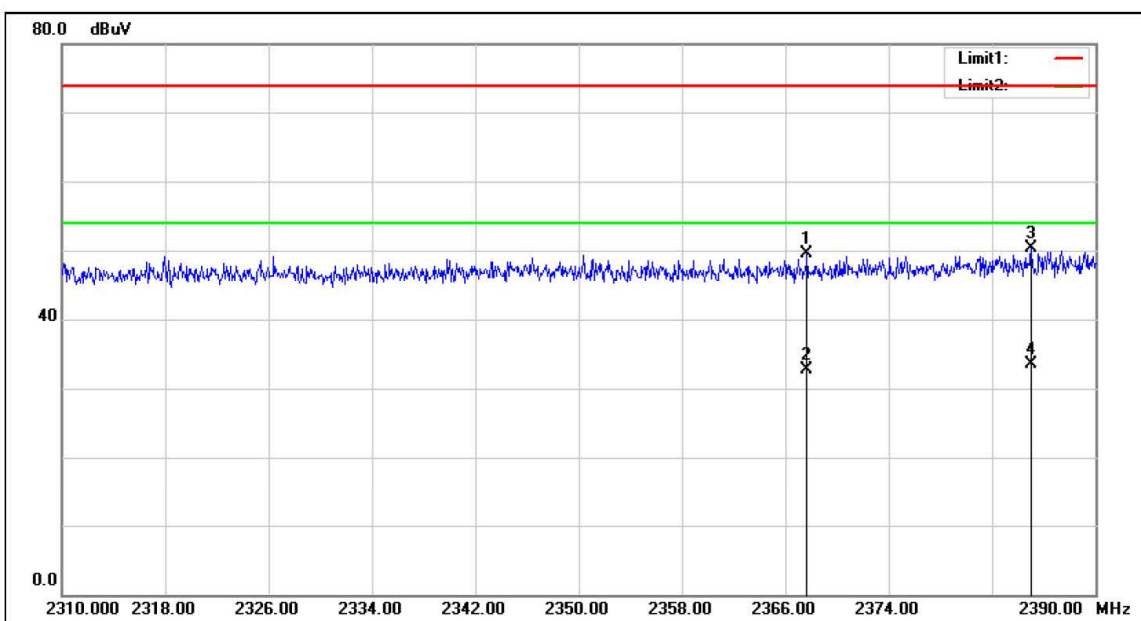


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	ANT	Verdict
1	2388.611	39.20	-14.69	74.00	-34.80	Peak	Vertical	Pass
2	2992.008	40.54	-11.69	74.00	-33.46	Peak	Vertical	Pass
3	6796.204	48.60	-4.07	74.00	-25.40	Peak	Vertical	Pass
4	14102.897	56.77	4.01	74.00	-17.23	Peak	Vertical	Pass
5	14102.897	44.08	4.01	54.00	-9.92	Average	Vertical	Pass
6	16296.703	57.81	6.58	74.00	-16.19	Peak	Vertical	Pass
7	16296.703	43.86	6.58	54.00	-10.14	Average	Vertical	Pass
8	13311.688	54.99	1.28	74.00	-19.01	Peak	Vertical	Pass
9	13311.688	44.32	1.28	54.00	-9.68	Average	Vertical	Pass

Appendix B.4: Test Results of Radiated Emissions in Restricted Bands

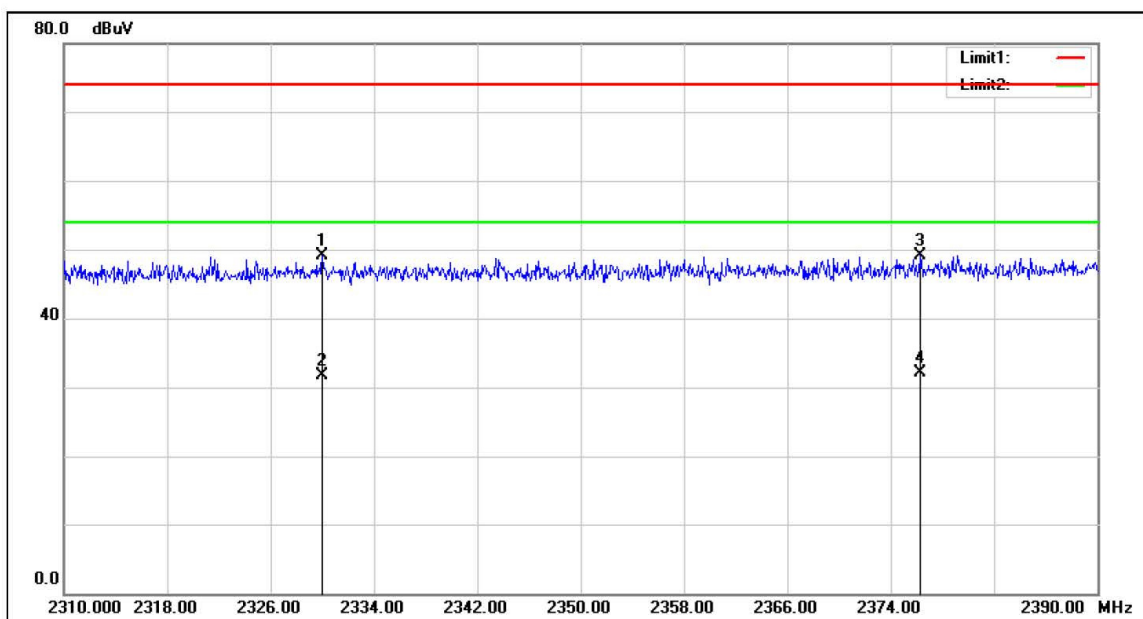
Low channel

Job No.:	STS1806143	Ant.Polar.:	Horizontal
Standard:	FCC ABOVE 1G-PK	Date:2018/6/16	Time:17:00:07
Test item:	Radiated Emission	Distance:	3m
Company:		Temp.(C)/Hum.(%RH):	25.5(C)/62%RH
Model:		Power:	AC 120V/60Hz
Mode:	BDR-L	Test By:	
Description:			



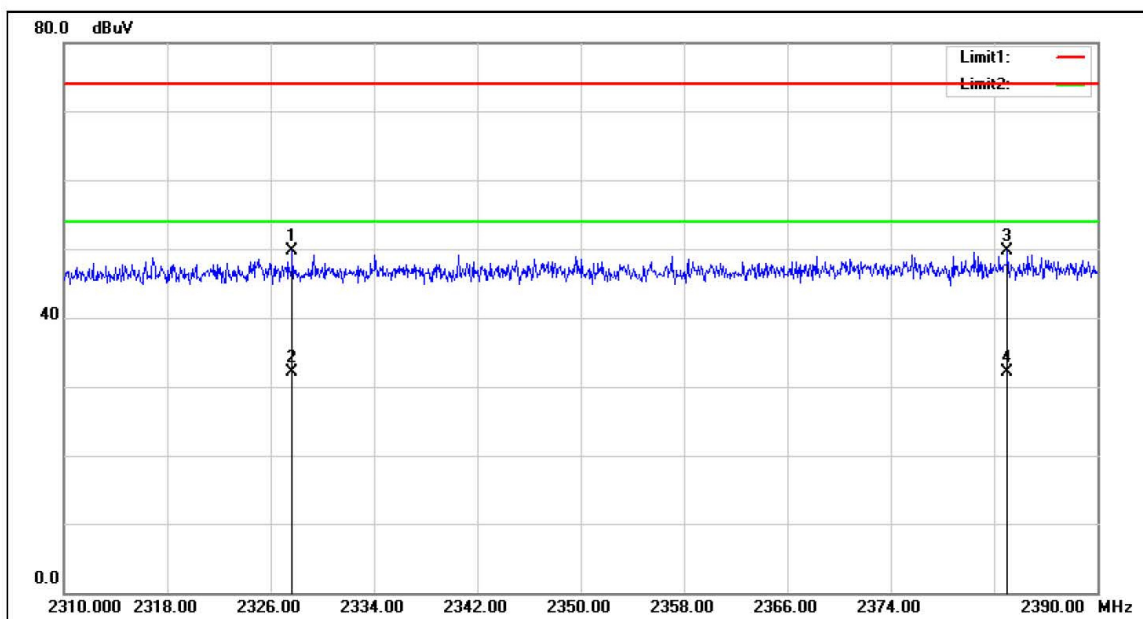
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2367.680	53.67	-4.22	49.45	74.00	-24.55			peak
2	2367.680	36.94	-4.22	32.72	54.00	-21.28	100	0	AVG
3	2385.040	54.41	-4.11	50.30	74.00	-23.70			peak
4	2385.040	37.71	-4.11	33.60	54.00	-20.40	100	0	AVG

Job No.:	STS1806143	Ant.Polar.:	Vertical
Standard:	FCC ABOVE 1G-PK	Date:	2018/6/16
Test item:	Radiated Emission	Distance:	3m
Company:		Temp.(C)/Hum.(%RH):	25.5(C)/62%RH
Model:		Power:	AC 120V/60Hz
Mode:	BDR-L	Test By:	
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2330.000	53.85	-4.69	49.16	74.00	-24.84			peak
2	2330.000	36.44	-4.69	31.75	54.00	-22.25	100	360	AVG
3	2376.240	53.50	-4.44	49.06	74.00	-24.94			peak
4	2376.240	36.63	-4.44	32.19	54.00	-21.81	100	0	AVG

Job No.:	STS1806143	Ant.Polar.:	Horizontal
Standard:	FCC ABOVE 1G-PK	Date:2018/6/16	Time:17:06:22
Test item:	Radiated Emission	Distance:	3m
Company:		Temp.(C)/Hum.(%RH):	25.5(C)/62%RH
Model:		Power:	AC 120V/60Hz
Mode:	EBR-L	Test By:	
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2327.680	54.21	-4.43	49.78	74.00	-24.22			peak
2	2327.680	36.52	-4.43	32.09	54.00	-21.91	100	0	AVG
3	2383.040	53.89	-4.12	49.77	74.00	-24.23			peak
4	2383.040	36.17	-4.12	32.05	54.00	-21.95	100	0	AVG