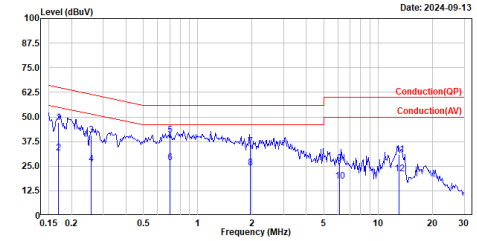
Appendix A. Test Result of AC Power Line Conducted Emission

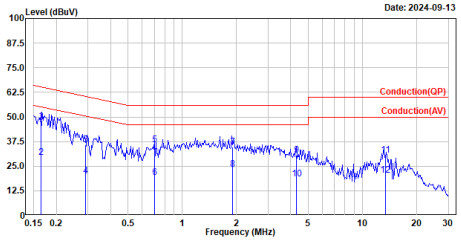
Site :HY-SR01
Condition :Line
Mode :TX_13.56MHz
test by :James



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.169	47.21	64.99	-17.78	37.53	9.68	QP
2	0.169	31.71	54.99	-23.28	22.03	9.68	Average
3	0.258	40.77	61.51	-20.74	31.09	9.68	QP
4	0.258	26.07	51.51	-25.44	16.39	9.68	Average
5	0.702	40.73	56.00	-15.27	31.03	9.70	QP
6	0.702	26.78	46.00	-19.22	17.08	9.70	Average
7	1.960	35.05	56.00	-20.95	25.23	9.82	QP
8	1.960	23.98	46.00	-22.02	14.16	9.82	Average
9	6.119	26.58	60.00	-33.42	15.75	10.83	QP
10	6.119	17.36	50.00	-32.64	6.53	10.83	Average
11	13.089	31.08	60.00	-28.92	20.29	10.79	QP
12	13.089	21.22	50.00	-28.78	10.43	10.79	Average

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Site :HY-SR01
Condition :Neutral
Mode :TX_13.56MHz
test by :James

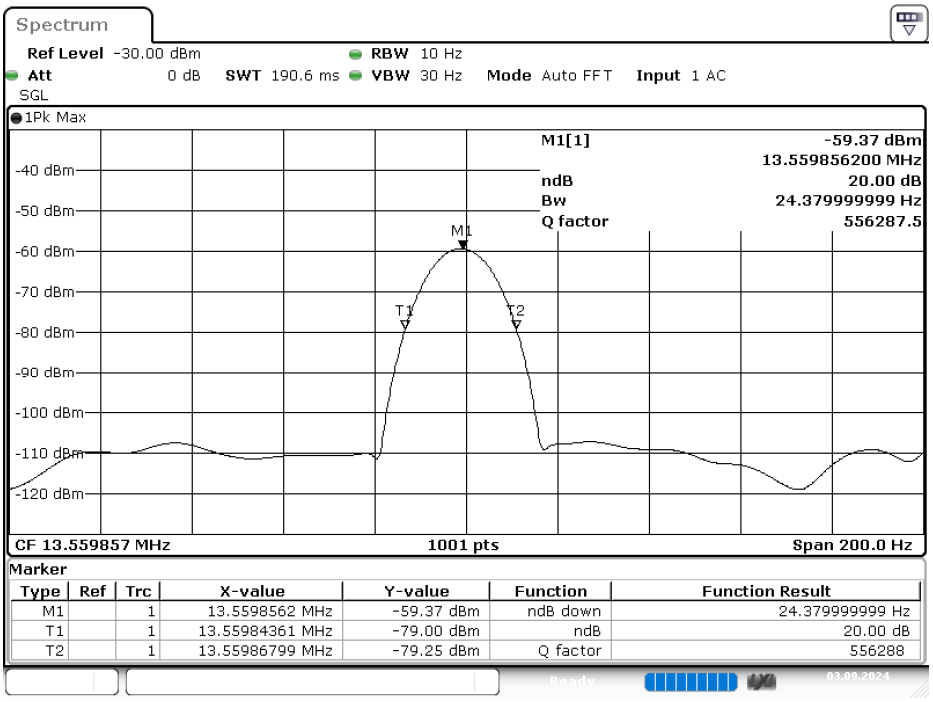


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.165	47.80	65.22	-17.42	38.14	9.66	QP
2	0.165	29.56	55.22	-25.66	19.90	9.66	Average
3	0.291	35.66	60.50	-24.84	26.01	9.65	QP
4	0.291	19.99	50.50	-30.51	10.34	9.65	Average
5	0.704	35.84	56.00	-20.16	26.16	9.68	QP
6	0.704	19.43	46.00	-26.57	9.75	9.68	Average
7	1.899	34.59	56.00	-21.41	24.80	9.79	QP
8	1.899	23.34	46.00	-22.66	13.55	9.79	Average
9	4.293	30.57	56.00	-25.43	20.00	10.57	QP
10	4.293	18.56	46.00	-27.44	7.99	10.57	Average
11	13.361	30.49	60.00	-29.51	19.67	10.82	QP
12	13.361	20.22	50.00	-29.78	9.40	10.82	Average

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Appendix B. Test Result of Emission Bandwidth

Frequency (MHz)	Measurement Level (Hz)	Required Limit (Hz)	Result
13.56	24.379	--	--



Date: 3.SEP.2024 08:56:52

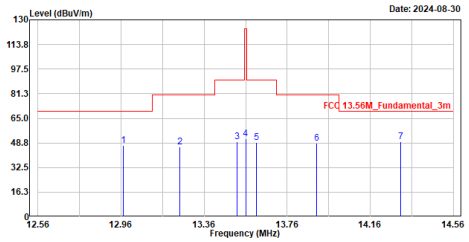
Appendix C. Test Result of Frequency Stability

Temperature (℃)	Voltage (V)	Observe Time	Declared Frequency (MHz)	Read Frequency (MHz)	Tolerance (%)	Limit (%)
20	120	start	13.56	13.55986	-0.001069	± 0.01 %
		2mins	13.56	13.55986	-0.001047	
		5mins	13.56	13.55986	-0.001062	
		10mins	13.56	13.55987	-0.000959	
20	138	start	13.56	13.55986	-0.001062	± 0.01 %
		2mins	13.56	13.55986	-0.001062	
		5mins	13.56	13.55986	-0.001010	
		10mins	13.56	13.55987	-0.000959	
20	102	start	13.56	13.55986	-0.001062	± 0.01 %
		2mins	13.56	13.55986	-0.001062	
		5mins	13.56	13.55986	-0.001003	
		10mins	13.56	13.55987	-0.000951	
50	120	start	13.56	13.55988	-0.000885	± 0.01 %
		2mins	13.56	13.55988	-0.000885	
		5mins	13.56	13.55989	-0.000811	
		10mins	13.56	13.55989	-0.000811	
40	120	start	13.56	13.55988	-0.000885	± 0.01 %
		2mins	13.56	13.55988	-0.000885	
		5mins	13.56	13.55988	-0.000885	
		10mins	13.56	13.55989	-0.000811	
30	120	start	13.56	13.55986	-0.001062	± 0.01 %
		2mins	13.56	13.55986	-0.001062	
		5mins	13.56	13.55987	-0.000996	
		10mins	13.56	13.55987	-0.000944	

10	120	start	13.56	13.55986	-0.001062	± 0.01 %
		2mins	13.56	13.55986	-0.001062	
		5mins	13.56	13.55987	-0.000981	
		10mins	13.56	13.55988	-0.000900	
0	120	start	13.56	13.55970	-0.002212	± 0.01 %
		2mins	13.56	13.55970	-0.002212	
		5mins	13.56	13.55969	-0.002286	
		10mins	13.56	13.55969	-0.002286	
-10	120	start	13.56	13.55977	-0.001696	± 0.01 %
		2mins	13.56	13.55978	-0.001622	
		5mins	13.56	13.55982	-0.001327	
		10mins	13.56	13.55985	-0.001106	
-20	120	start	13.56	13.55991	-0.000642	± 0.01 %
		2mins	13.56	13.55992	-0.000612	
		5mins	13.56	13.55992	-0.000568	
		10mins	13.56	13.55993	-0.000546	

Appendix D. Test Result of Field Strength of Fundamental Emissions and Spectrum Mask

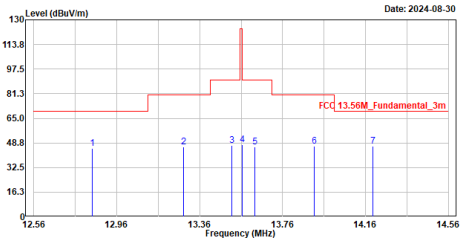
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamantal_X
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.970	47.32	69.50	-22.18	25.01	22.31	QP
2	13.244	46.04	80.50	-34.46	23.74	22.30	QP
3	13.518	49.61	90.47	-40.86	27.31	22.30	QP
4	13.560	51.61	124.00	-72.39	29.31	22.30	QP
5	13.612	48.91	90.47	-41.56	26.61	22.30	QP
6	13.902	48.74	80.50	-31.76	26.44	22.30	QP
7	14.306	49.76	69.50	-19.74	27.46	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

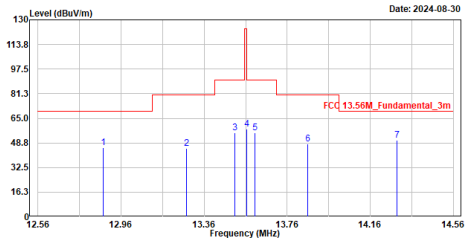
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamantal_X
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.842	45.20	69.50	-24.30	22.87	22.33	QP
2	13.284	46.11	80.50	-34.39	23.81	22.30	QP
3	13.516	46.87	90.47	-43.60	24.57	22.30	QP
4	13.564	47.54	124.00	-76.46	25.24	22.30	QP
5	13.628	46.21	90.47	-44.26	23.91	22.30	QP
6	13.912	46.80	80.50	-33.70	24.50	22.30	QP
7	14.196	46.38	69.50	-23.12	24.08	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

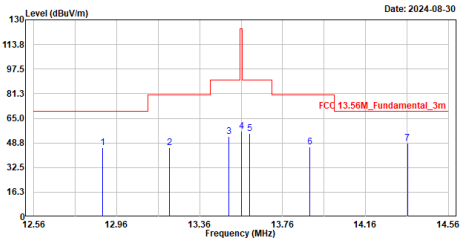
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamantal_Y
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.874	45.84	69.50	-23.66	23.51	22.33	QP
2	13.274	45.26	80.50	-35.24	22.96	22.30	QP
3	13.508	55.25	90.47	-35.22	32.95	22.30	QP
4	13.564	57.64	124.00	-66.36	35.34	22.30	QP
5	13.606	55.19	90.47	-35.28	32.89	22.30	QP
6	13.858	48.06	80.50	-32.44	25.76	22.30	QP
7	14.290	50.71	69.50	-18.79	28.41	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

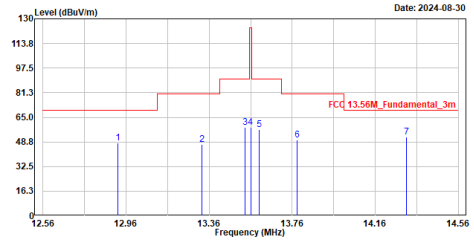
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamantal_Y
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.892	45.66	69.50	-23.84	23.34	22.32	QP
2	13.216	45.82	80.50	-34.68	23.52	22.30	QP
3	13.500	53.11	90.47	-37.36	30.81	22.30	QP
4	13.562	56.61	124.00	-67.39	34.31	22.30	QP
5	13.600	54.98	90.47	-35.49	32.68	22.30	QP
6	13.890	46.14	80.50	-34.36	23.84	22.30	QP
7	14.362	48.43	69.50	-21.07	26.13	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

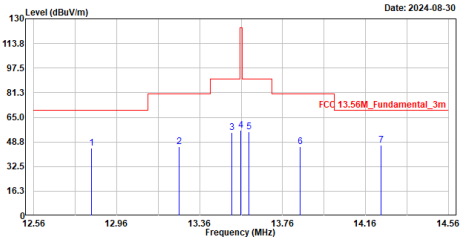
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamantal_Z
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.922	47.94	69.50	-21.56	25.62	22.32	QP
2	13.326	47.21	80.50	-33.29	24.91	22.30	QP
3	13.532	58.34	90.47	-32.13	36.04	22.30	QP
4	13.560	58.57	124.00	-65.43	36.27	22.30	QP
5	13.600	56.86	90.47	-33.61	34.56	22.30	QP
6	13.784	49.88	80.50	-30.62	27.58	22.30	QP
7	14.310	52.14	69.50	-17.36	29.84	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamantal_Z
TEST BY :Caster

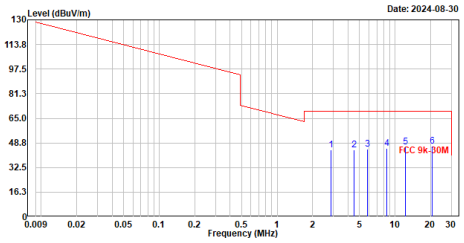


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.840	44.44	69.50	-25.06	22.11	22.33	QP
2	13.262	45.41	80.50	-35.09	23.11	22.30	QP
3	13.514	55.02	90.47	-35.45	32.72	22.30	QP
4	13.558	56.44	124.00	-67.56	34.14	22.30	QP
5	13.596	55.40	90.47	-35.07	33.10	22.30	QP
6	13.844	45.43	80.50	-35.07	23.13	22.30	QP
7	14.234	46.71	69.50	-22.79	24.41	22.30	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Appendix E. Test Result of Radiated Emission

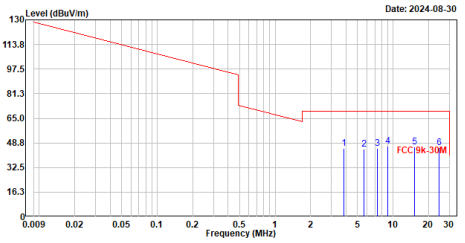
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_9k~30m
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2.854	43.93	69.50	-25.57	24.03	19.90	QP
2	4.495	44.14	69.50	-25.36	23.74	20.40	QP
3	5.828	44.75	69.50	-24.75	23.26	21.49	QP
4	8.464	45.00	69.50	-24.50	23.30	21.70	QP
5	12.192	46.11	69.50	-23.39	23.65	22.46	QP
6	20.490	46.41	69.50	-23.09	23.31	23.10	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

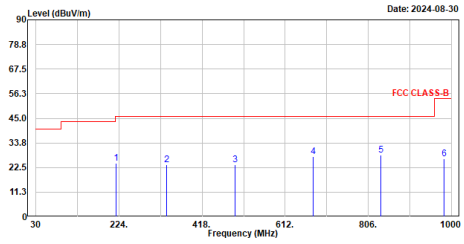
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_9k~30m
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	3.822	45.04	69.50	-24.46	24.81	20.23	QP
2	5.642	44.69	69.50	-24.81	23.42	21.27	QP
3	7.314	44.93	69.50	-24.57	23.23	21.70	QP
4	9.031	46.48	69.50	-23.02	24.77	21.71	QP
5	15.177	46.24	69.50	-23.26	23.90	22.34	QP
6	24.693	45.75	69.50	-23.75	22.53	23.22	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

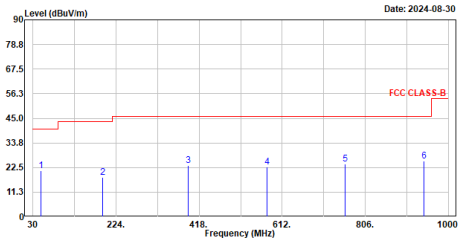
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_30m~1G
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	216.968	24.44	46.00	-21.56	50.69	-26.25	QP
2	336.005	23.77	46.00	-22.23	45.64	-21.87	QP
3	495.054	23.94	46.00	-22.06	41.99	-18.05	QP
4	676.808	27.67	46.00	-18.33	42.30	-14.63	QP
5	834.767	28.27	46.00	-17.73	40.52	-12.25	QP
6	982.298	26.60	54.00	-27.40	37.34	-10.74	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_30m~1G
TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	48.733	21.16	40.00	-18.84	44.40	-23.24	QP
2	192.202	17.90	43.50	-25.60	44.38	-26.48	QP
3	392.598	23.55	46.00	-22.45	43.92	-20.37	QP
4	575.989	22.84	46.00	-23.16	39.01	-16.17	QP
5	759.592	24.20	46.00	-21.80	37.16	-12.96	QP
6	943.407	25.41	46.00	-20.59	36.09	-10.68	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.