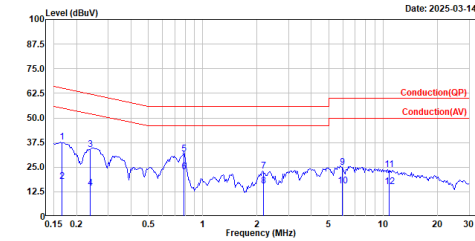


Appendix A. Test Result of AC Power Line Conducted Emission

Charge Mode

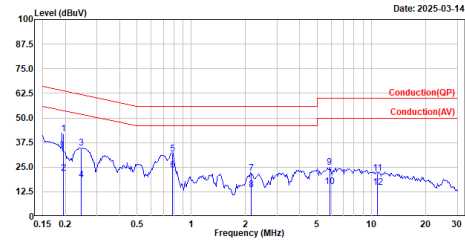
Site :HY-SR01
Condition :Line
Mode :Charge mode
test by :Neko



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level		
			dBuV	dB	dBuV	dB	
1	0.167	37.58	65.11	-27.53	27.94	9.64	QP
2	0.167	17.88	55.11	-37.23	8.24	9.64	Average
3	0.239	34.04	62.12	-28.08	24.39	9.65	QP
4	0.239	14.48	52.12	-37.64	4.83	9.65	Average
5	0.790	31.52	56.00	-24.48	21.84	9.68	QP
6	0.790	22.58	46.00	-23.42	12.98	9.68	Average
7	2.165	23.02	56.00	-32.98	13.23	9.79	QP
8	2.165	15.37	46.00	-30.63	5.58	9.79	Average
9	5.920	25.03	60.00	-34.97	14.89	10.14	QP
10	5.920	15.31	50.00	-34.69	5.17	10.14	Average
11	10.792	23.63	60.00	-36.37	13.47	10.16	QP
12	10.792	15.21	50.00	-34.79	5.05	10.16	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 :Charge mode
test by :Neko



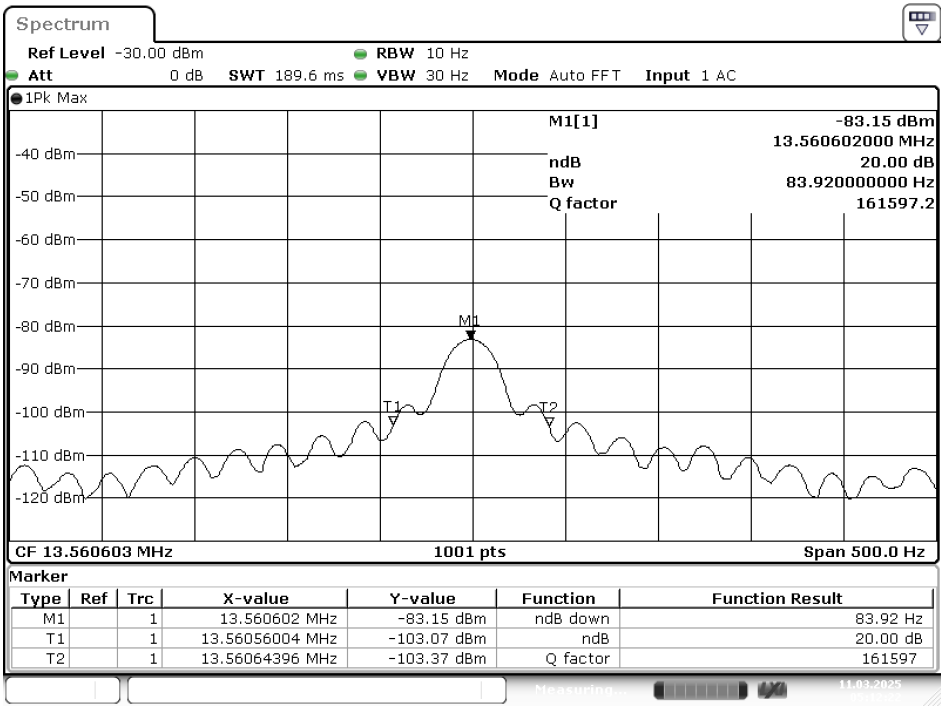
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level		
			dBuV	dB	dBuV	dB	
1	0.195	41.88	63.83	-21.95	32.26	9.62	QP
2	0.195	21.89	53.83	-31.94	12.27	9.62	Average
3	0.246	34.61	61.90	-27.29	24.98	9.63	QP
4	0.246	18.33	51.90	-33.57	8.70	9.63	Average
5	0.789	31.72	56.00	-24.28	22.06	9.66	QP
6	0.789	23.38	46.00	-22.62	13.72	9.66	Average
7	2.152	21.89	56.00	-34.11	12.12	9.77	QP
8	2.152	13.61	46.00	-32.39	3.84	9.77	Average
9	5.854	24.91	60.00	-35.09	14.79	10.12	QP
10	5.854	15.20	50.00	-34.80	5.08	10.12	Average
11	10.793	21.78	60.00	-38.22	11.62	10.16	QP
12	10.793	14.78	50.00	-35.22	4.62	10.16	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

Channel No.	Frequency (MHz)	Measurement Level (Hz)	Required Limit (MHz)	Result
01	13.56	83.92	--	--

Channel 01



Date: 11.MAR.2025 05:12:22

Appendix C. Test Result of Frequency Stability

Temperature (°C)	Voltage (V)	Observe Time	Declared Frequency (MHz)	Read Frequency (MHz)	Tolerance (%)	Limit (%)
20	3.7	start	13.56	13.55960	-0.002950	± 0.01 %
		2mins	13.56	13.55960	-0.002950	
		5mins	13.56	13.55960	-0.002950	
		10mins	13.56	13.55960	-0.002950	
20	4.2	start	13.56	13.55962	-0.002802	± 0.01 %
		2mins	13.56	13.55962	-0.002802	
		5mins	13.56	13.55962	-0.002802	
		10mins	13.56	13.55962	-0.002802	
20	3	start	13.56	13.55962	-0.002802	± 0.01 %
		2mins	13.56	13.55962	-0.002802	
		5mins	13.56	13.55962	-0.002802	
		10mins	13.56	13.55962	-0.002802	
50	3.7	start	13.56	13.55968	-0.002360	± 0.01 %
		2mins	13.56	13.55968	-0.002360	
		5mins	13.56	13.55968	-0.002360	
		10mins	13.56	13.55968	-0.002360	
40	3.7	start	13.56	13.55968	-0.002360	± 0.01 %
		2mins	13.56	13.55968	-0.002360	
		5mins	13.56	13.55968	-0.002360	
		10mins	13.56	13.55968	-0.002360	
30	3.7	start	13.56	13.55965	-0.002581	± 0.01 %
		2mins	13.56	13.55965	-0.002581	
		5mins	13.56	13.55965	-0.002581	
		10mins	13.56	13.55965	-0.002581	

10	3.7	start	13.56	13.55961	-0.002876	± 0.01 %
		2mins	13.56	13.55961	-0.002876	
		5mins	13.56	13.55961	-0.002876	
		10mins	13.56	13.55961	-0.002876	
0	3.7	start	13.56	13.55961	-0.002876	± 0.01 %
		2mins	13.56	13.55961	-0.002876	
		5mins	13.56	13.55961	-0.002876	
		10mins	13.56	13.55961	-0.002876	
-10	3.7	start	13.56	13.55960	-0.002950	± 0.01 %
		2mins	13.56	13.55960	-0.002950	
		5mins	13.56	13.55960	-0.002950	
		10mins	13.56	13.55960	-0.002950	
-20	3.7	start	13.56	13.55960	-0.002950	± 0.01 %
		2mins	13.56	13.55960	-0.002950	
		5mins	13.56	13.55960	-0.002950	
		10mins	13.56	13.55960	-0.002950	

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

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_Fundamental_13.56MHz_X
Test by :Caster

Level (dBuV/m)

130

117.0

104.0

91.0

78.0

65.0

52.0

39.0

26.0

13.0

0

12.56

12.96

13.36

13.76

14.16

14.56

Frequency (MHz)

12.56

12.96

13.36

13.76

14.16

14.56

FCI 13.56M_Fundamental_3m

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	12.989	25.80	69.50	-43.70	4.10	21.70	QP
2	13.247	25.87	80.50	-54.63	4.22	21.65	QP
3	13.553	25.29	90.47	-65.18	3.70	21.59	QP
4	13.560	26.39	124.00	-97.61	4.80	21.59	QP
5	13.568	25.49	90.47	-64.98	3.90	21.59	QP
6	13.945	25.18	80.50	-55.32	3.67	21.51	QP
7	14.347	25.50	69.50	-44.00	3.97	21.53	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_13.56MHz_X
Test by :Caster

Level (dBuV/m)

130

117.0

104.0

91.0

78.0

65.0

52.0

39.0

26.0

13.0

0

12.56

12.96

13.36

13.76

14.16

14.56

Frequency (MHz)

12.56

12.96

13.36

13.76

14.16

14.56

FCI 13.56M_Fundamental_3m

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	12.981	27.60	69.50	-41.90	5.90	21.70	QP
2	13.259	27.98	80.50	-52.52	6.33	21.65	QP
3	13.553	27.71	90.47	-62.76	6.12	21.59	QP
4	13.560	28.69	124.00	-95.31	7.10	21.59	QP
5	13.568	27.49	90.47	-62.98	5.90	21.59	QP
6	13.909	27.32	80.50	-53.18	5.80	21.52	QP
7	14.261	28.45	69.50	-41.05	6.92	21.53	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_Fundamental_13.56MHz_Y
Test by :Caster

Level (dBuV/m)

130

117.0

104.0

91.0

78.0

65.0

52.0

39.0

26.0

13.0

0

12.56

12.96

13.36

13.76

14.16

14.56

Frequency (MHz)

12.56

12.96

13.36

13.76

14.16

14.56

FCI 13.56M_Fundamental_3m

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	12.941	27.84	69.50	-41.66	6.13	21.71	QP
2	13.253	27.89	80.50	-52.61	6.24	21.65	QP
3	13.553	27.29	90.47	-63.18	5.70	21.59	QP
4	13.560	28.39	124.00	-95.61	6.80	21.59	QP
5	13.567	27.49	90.47	-62.98	5.90	21.59	QP
6	13.863	26.33	80.50	-54.17	4.80	21.53	QP
7	14.295	26.73	69.50	-42.77	5.20	21.53	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_13.56MHz_Y
Test by :Caster

Level (dBuV/m)

130

117.0

104.0

91.0

78.0

65.0

52.0

39.0

26.0

13.0

0

12.56

12.96

13.36

13.76

14.16

14.56

Frequency (MHz)

12.56

12.96

13.36

13.76

14.16

14.56

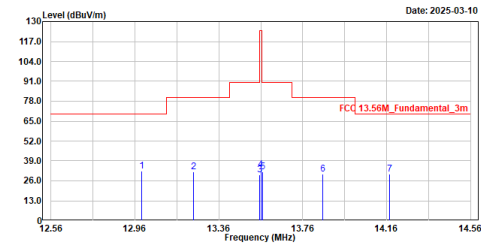
FCI 13.56M_Fundamental_3m

No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	12.895	27.62	69.50	-41.88	5.90	21.72	QP
2	13.355	27.74	80.50	-52.76	6.11	21.63	QP
3	13.553	28.39	90.47	-62.08	6.80	21.59	QP
4	13.560	28.99	124.00	-95.01	7.40	21.59	QP
5	13.568	28.51	90.47	-61.96	6.92	21.59	QP
6	13.793	28.66	80.50	-51.84	7.12	21.54	QP
7	14.231	28.75	69.50	-40.75	7.23	21.52	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

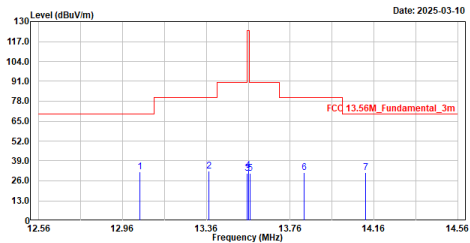
Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_Fundamental_13.56MHz_Z
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	12.994	32.28	69.50	-37.22	10.58	21.70	QP
2	13.238	31.77	80.50	-48.73	10.12	21.65	QP
3	13.553	29.69	90.47	-60.78	8.10	21.59	QP
4	13.560	33.29	124.00	-90.71	11.70	21.59	QP
5	13.568	31.71	90.47	-58.76	10.12	21.59	QP
6	13.854	30.43	80.50	-50.07	8.90	21.53	QP
7	14.174	30.62	69.50	-38.88	9.10	21.52	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_Fundamental_13.56MHz_Z
Test by :Caster

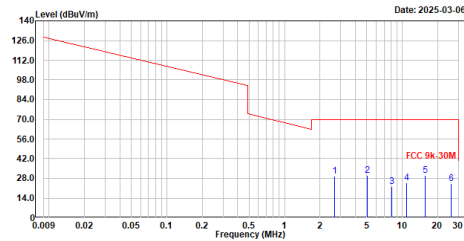


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	13.042	31.93	69.50	-37.57	10.24	21.69	QP
2	13.372	32.19	80.50	-48.31	10.56	21.63	QP
3	13.553	30.74	90.47	-59.73	9.15	21.59	QP
4	13.560	32.89	124.00	-91.11	11.30	21.59	QP
5	13.568	30.93	90.47	-59.54	9.34	21.59	QP
6	13.828	31.27	80.50	-49.23	9.74	21.53	QP
7	14.122	31.62	69.50	-37.88	10.11	21.51	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Appendix E. Test Result of Radiated Emission

Site :HY-CB02
Condition :3m ,Horizontal
mode :TX_9k~30MHz
Test by :Caster

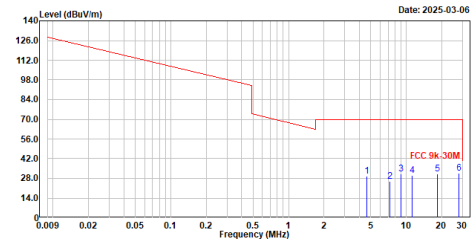


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	2.675	29.75	69.50	-39.75	10.12	19.63	QP
2	5.877	30.15	69.50	-39.35	9.87	20.28	QP
3	8.127	22.22	69.50	-47.28	1.02	21.20	QP
4	10.883	24.68	69.50	-44.82	2.82	21.86	QP
5	15.551	29.92	69.50	-39.58	8.10	21.82	QP
6	25.924	24.54	69.50	-44.96	2.00	22.54	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,Vertical
mode :TX_9k~30MHz
Test by :Caster

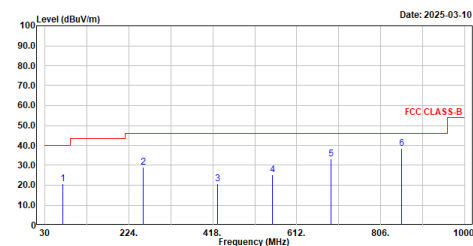


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	4.606	29.78	69.50	-39.72	9.70	20.08	QP
2	7.255	26.07	69.50	-43.43	4.80	21.27	QP
3	9.031	31.01	69.50	-38.49	9.80	21.21	QP
4	11.242	30.12	69.50	-39.38	8.22	21.90	QP
5	18.291	30.96	69.50	-38.54	8.40	22.56	QP
6	28.115	31.43	69.50	-38.07	8.50	22.93	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :TX_30M~1G
Test by :Caster

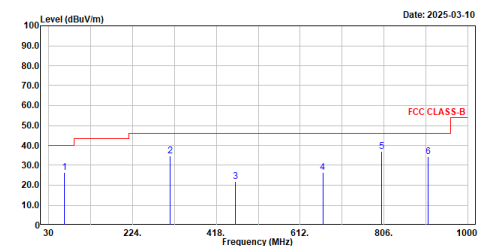


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	70.740	20.66	40.00	-19.34	47.79	-27.13	QP
2	256.980	28.87	46.00	-17.13	54.22	-25.35	QP
3	429.640	20.76	46.00	-25.24	41.02	-20.26	QP
4	555.740	25.27	46.00	-20.73	42.88	-17.61	QP
5	691.540	33.33	46.00	-12.67	48.13	-14.80	QP
6	854.500	38.51	46.00	-7.49	51.19	-12.68	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Site :HY-CB02
Condition :3m ,VERTICAL
mode :TX_30M~1G
Test by :Caster



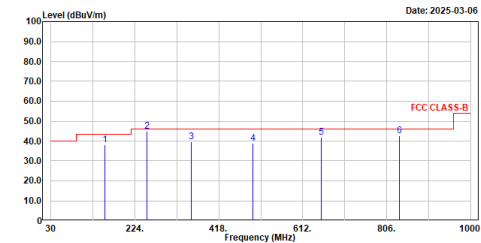
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	65.890	26.23	40.00	-13.77	52.67	-26.44	QP
2	311.300	34.61	46.00	-11.39	57.94	-23.33	QP
3	461.650	21.97	46.00	-24.03	41.18	-19.21	QP
4	664.380	26.23	46.00	-19.77	41.59	-15.36	QP
5	800.180	37.12	46.00	-8.88	50.33	-13.21	QP
6	908.820	34.27	46.00	-11.73	46.42	-12.15	QP

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line

Charge Mode

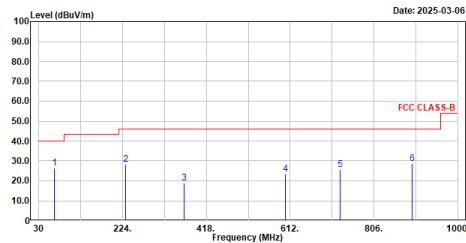
Site :HY-CB02
Condition :3m ,HORIZONTAL
mode :Charge mode
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	155.130	38.30	43.50	-5.20	62.09	-23.79	QP
2	252.130	44.75	46.00	-1.25	69.65	-24.90	QP
3	353.980	39.71	46.00	-6.29	61.59	-21.88	QP
4	497.540	38.97	46.00	-7.03	57.07	-18.10	QP
5	654.680	41.98	46.00	-4.02	56.81	-14.83	QP
6	835.100	42.63	46.00	-3.37	54.87	-12.24	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-CB02
Condition :3m ,VERTICAL
mode :Charge mode
Test by :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	65.890	26.40	40.00	-13.60	52.26	-25.86	QP
2	231.760	28.38	46.00	-17.62	54.07	-25.69	QP
3	366.590	18.71	46.00	-27.29	40.23	-21.52	QP
4	600.360	23.29	46.00	-22.71	38.73	-15.44	QP
5	728.400	25.53	46.00	-20.47	38.92	-13.39	QP
6	895.240	28.73	46.00	-17.27	40.32	-11.59	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.