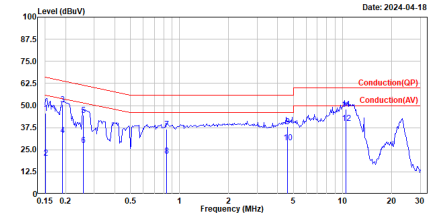
Appendix A. Test Result of AC Power Line Conducted Emission

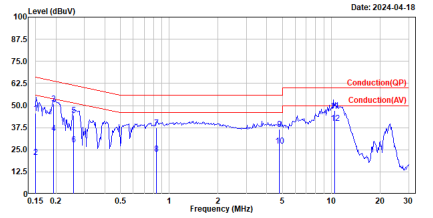
Site :HY-SR01
Condition :Line
Mode :TX_30M~1G
test by :James



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.151	45.49	65.95	-20.46	35.81	9.68	QP
2	0.151	20.53	55.95	-35.42	10.85	9.68	Average
3	0.192	50.51	63.94	-13.43	40.83	9.68	QP
4	0.192	33.39	53.94	-20.55	23.71	9.68	Average
5	0.256	44.49	61.55	-17.06	34.81	9.68	QP
6	0.256	27.43	51.55	-24.12	17.75	9.68	Average
7	0.831	36.71	56.00	-19.29	27.00	9.71	QP
8	0.831	21.45	46.00	-24.55	11.74	9.71	Average
9	4.579	38.22	56.00	-17.78	27.52	10.70	QP
10	4.579	28.98	46.00	-17.02	18.28	10.70	Average
11	10.483	47.74	60.00	-12.26	36.94	10.80	QP
12	10.483	39.91	50.00	-10.09	29.11	10.80	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_30M~1G
test by :James



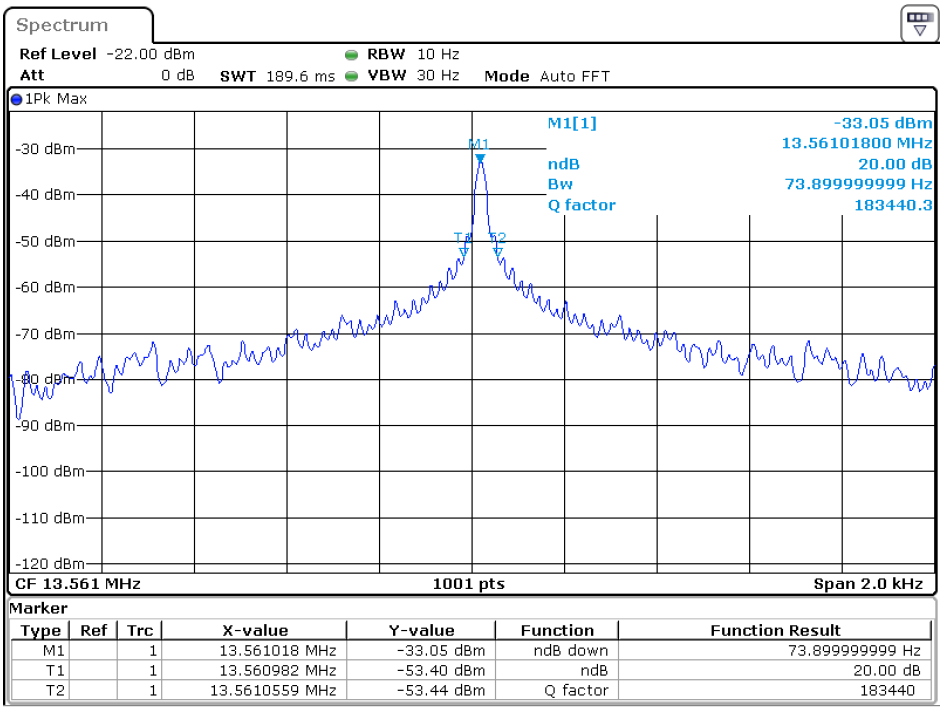
No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.150	45.65	66.00	-20.35	35.99	9.66	QP
2	0.150	20.94	56.00	-35.06	11.28	9.66	Average
3	0.193	50.98	63.92	-12.94	41.32	9.66	QP
4	0.193	34.50	53.92	-19.42	24.84	9.66	Average
5	0.256	44.69	61.56	-16.87	35.03	9.66	QP
6	0.256	27.95	51.56	-23.61	18.29	9.66	Average
7	0.830	37.48	56.00	-18.52	27.79	9.69	QP
8	0.830	22.54	46.00	-23.46	12.85	9.69	Average
9	4.790	36.60	56.00	-19.40	25.85	10.75	QP
10	4.790	27.16	46.00	-18.84	16.41	10.75	Average
11	10.498	47.35	60.00	-12.65	36.56	10.79	QP
12	10.498	40.08	50.00	-9.92	29.29	10.79	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	73.899	--	--

Channel 01



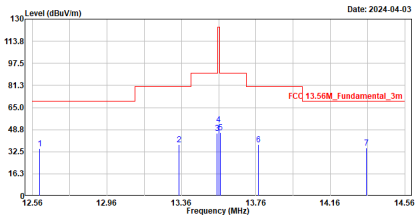
Appendix C. Test Result of Frequency Stability

Temperature (℃)	Voltage (V)	Observe Time	Declared Frequency (MHz)	Read Frequency (MHz)	Tolerance (%)	Limit (%)
20	120	start	13.56	13.55996	-0.000272	± 0.01 %
		2mins	13.56	13.55997	-0.000254	
		5mins	13.56	13.55996	-0.000273	
		10mins	13.56	13.55996	-0.000264	
20	138	start	13.56	13.55996	-0.000265	± 0.01 %
		2mins	13.56	13.55996	-0.000262	
		5mins	13.56	13.55996	-0.000260	
		10mins	13.56	13.55997	-0.000257	
20	102	start	13.56	13.55996	-0.000320	± 0.01 %
		2mins	13.56	13.55996	-0.000324	
		5mins	13.56	13.55996	-0.000317	
		10mins	13.56	13.55996	-0.000322	
50	120	start	13.56	13.55993	-0.000486	± 0.01 %
		2mins	13.56	13.55991	-0.000631	
		5mins	13.56	13.55993	-0.000549	
		10mins	13.56	13.55993	-0.000480	
40	120	start	13.56	13.55993	-0.000485	± 0.01 %
		2mins	13.56	13.55994	-0.000475	
		5mins	13.56	13.55994	-0.000479	
		10mins	13.56	13.55993	-0.000480	
30	120	start	13.56	13.55995	-0.000339	± 0.01 %
		2mins	13.56	13.55996	-0.000332	
		5mins	13.56	13.55995	-0.000334	
		10mins	13.56	13.55995	-0.000340	

10	120	start	13.56	13.55997	-0.000192	± 0.01 %
		2mins	13.56	13.55997	-0.000199	
		5mins	13.56	13.55998	-0.000170	
		10mins	13.56	13.55996	-0.000265	
0	120	start	13.56	13.55999	-0.000111	± 0.01 %
		2mins	13.56	13.55998	-0.000133	
		5mins	13.56	13.55998	-0.000155	
		10mins	13.56	13.55999	-0.000103	
-10	120	start	13.56	13.56002	0.000162	± 0.01 %
		2mins	13.56	13.56002	0.000155	
		5mins	13.56	13.56002	0.000170	
		10mins	13.56	13.56003	0.000229	
-20	120	start	13.56	13.56007	0.000483	± 0.01 %
		2mins	13.56	13.56007	0.000480	
		5mins	13.56	13.56007	0.000482	
		10mins	13.56	13.56007	0.000485	

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

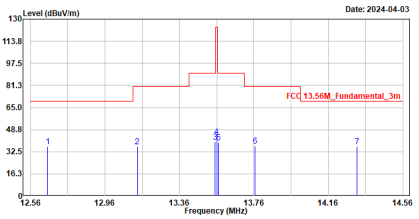
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamental_X
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.600	34.87	69.50	-34.63	13.45	21.42	QP
2	13.346	37.94	80.50	-42.56	16.64	21.30	QP
3	13.552	45.99	90.47	-44.48	24.69	21.30	QP
4	13.560	52.67	124.00	-71.33	31.37	21.30	QP
5	13.568	46.37	90.47	-44.10	25.07	21.30	QP
6	13.772	37.79	80.50	-42.71	16.49	21.30	QP
7	14.352	35.13	69.50	-34.37	13.83	21.30	QP

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

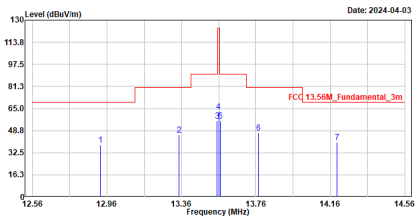
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamental_X
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.652	36.13	69.50	-33.37	14.73	21.40	QP
2	13.134	36.53	80.50	-43.97	15.23	21.30	QP
3	13.552	39.54	90.47	-50.93	18.24	21.30	QP
4	13.560	43.87	124.00	-80.13	22.57	21.30	QP
5	13.568	39.22	90.47	-51.25	17.92	21.30	QP
6	13.766	36.66	80.50	-43.84	15.36	21.30	QP
7	14.312	36.23	69.50	-33.27	14.93	21.30	QP

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

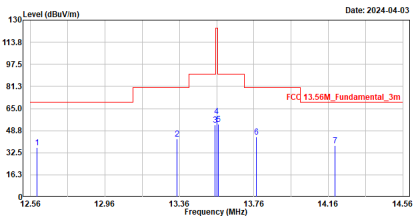
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamental_Y
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.924	38.36	69.50	-31.14	17.04	21.32	QP
2	13.348	45.63	80.50	-34.87	24.33	21.30	QP
3	13.552	55.94	90.47	-34.53	34.64	21.30	QP
4	13.560	62.58	124.00	-61.42	41.28	21.30	QP
5	13.568	56.14	90.47	-34.33	34.84	21.30	QP
6	13.772	46.87	80.50	-33.63	25.57	21.30	QP
7	14.196	40.24	69.50	-29.26	18.94	21.30	QP

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

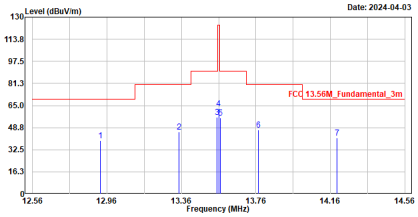
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamental_Y
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.594	36.16	69.50	-33.34	14.74	21.42	QP
2	13.348	42.49	80.50	-38.01	21.19	21.30	QP
3	13.552	53.22	90.47	-37.25	31.92	21.30	QP
4	13.560	59.51	124.00	-64.49	38.21	21.30	QP
5	13.568	53.53	90.47	-36.94	32.23	21.30	QP
6	13.772	44.07	80.50	-36.43	22.77	21.30	QP
7	14.196	37.95	69.50	-31.55	16.65	21.30	QP

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

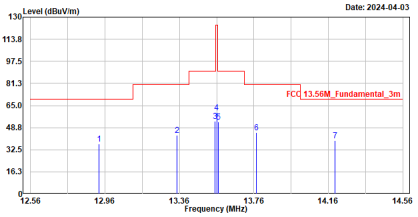
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_Fundamental_Z
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.924	39.03	69.50	-30.47	17.71	21.32	QP
2	13.348	45.53	80.50	-34.97	24.23	21.30	QP
3	13.552	56.23	90.47	-34.24	34.93	21.30	QP
4	13.560	62.87	124.00	-61.13	41.57	21.30	QP
5	13.568	56.07	90.47	-34.40	34.77	21.30	QP
6	13.772	47.14	80.50	-33.36	25.84	21.30	QP
7	14.196	41.10	69.50	-28.40	19.80	21.30	QP

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

Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_Fundamental_Z
Test BY :Peter

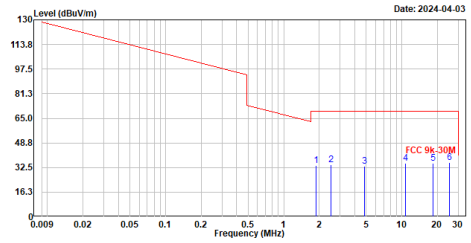


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	12.928	36.72	69.50	-32.78	15.40	21.32	QP
2	13.348	43.22	80.50	-37.28	21.92	21.30	QP
3	13.552	53.40	90.47	-37.07	32.10	21.30	QP
4	13.560	60.00	124.00	-64.00	38.70	21.30	QP
5	13.568	53.21	90.47	-37.26	31.91	21.30	QP
6	13.772	45.02	80.50	-35.48	23.72	21.30	QP
7	14.196	39.39	69.50	-30.11	18.09	21.30	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

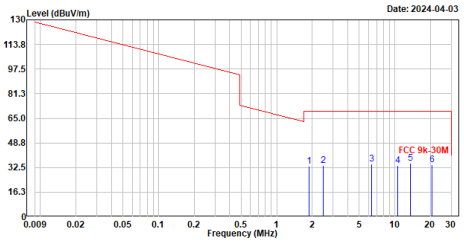
Site :HY-CB01
Condition :3m ,Horizontal
Mode :TX_9k-30M
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1.887	34.08	69.50	-35.42	14.76	19.32	QP
2	2.507	34.24	69.50	-35.26	14.94	19.30	QP
3	4.836	33.47	69.50	-36.03	13.70	19.77	QP
4	10.795	35.27	69.50	-34.23	13.81	21.46	QP
5	18.439	35.22	69.50	-34.28	12.98	22.24	QP
6	25.301	35.73	69.50	-33.77	13.05	22.68	QP

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

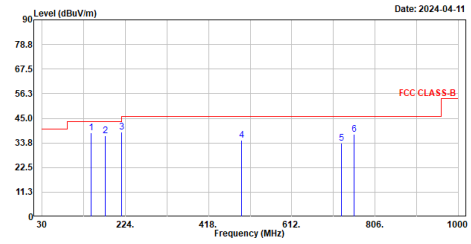
Site :HY-CB01
Condition :3m ,Vertical
Mode :TX_9k-30M
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1.887	33.55	69.50	-35.95	14.23	19.32	QP
2	2.487	33.73	69.50	-35.77	14.43	19.30	QP
3	6.372	34.60	69.50	-34.90	13.60	21.00	QP
4	10.536	33.80	69.50	-35.70	12.39	21.41	QP
5	13.548	35.34	69.50	-34.16	14.04	21.30	QP
6	20.657	34.48	69.50	-35.02	12.38	22.10	QP

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

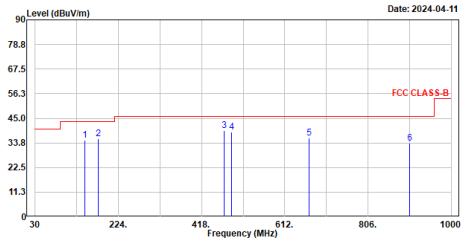
Site :HY-CB01
Condition :3m ,HORIZONTAL
Mode :TX_30M~1G
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	144.460	38.45	43.50	-5.05	62.53	-24.08	QP
2	177.440	37.09	43.50	-6.41	62.23	-25.14	QP
3	215.270	38.58	43.50	-4.92	64.83	-26.25	QP
4	495.600	35.11	46.00	-10.89	53.15	-18.04	QP
5	728.400	33.67	46.00	-12.33	47.01	-13.34	QP
6	756.530	37.67	46.00	-8.33	50.71	-13.04	QP

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

Site :HY-CB01
Condition :3m ,VERTICAL
Mode :TX_30M~1G
Test BY :Peter



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	145.430	35.07	43.50	-8.43	59.19	-24.12	QP
2	177.440	35.81	43.50	-7.69	60.95	-25.14	QP
3	470.380	39.30	46.00	-6.70	57.73	-18.43	QP
4	488.810	38.83	46.00	-7.17	57.01	-18.18	QP
5	668.260	35.93	46.00	-10.07	50.52	-14.59	QP
6	903.000	33.46	46.00	-12.54	44.87	-11.41	QP

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