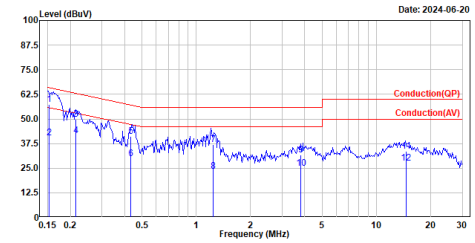
Appendix A. Test Result of AC Power Line Conducted Emission

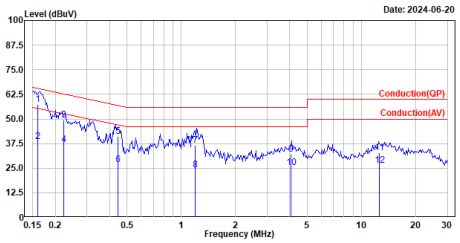
Site :HY-SR01
Condition :Line
Mode :TX_914.75MHz
test by :James



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.152	57.27	65.88	-8.61	47.59	9.68	QP
2	0.152	40.52	55.88	-15.36	30.84	9.68	Average
3	0.215	49.65	63.02	-13.37	39.97	9.68	QP
4	0.215	41.60	53.02	-11.42	31.92	9.68	Average
5	0.433	41.14	57.20	-16.06	31.46	9.68	QP
6	0.433	29.82	47.20	-17.38	20.14	9.68	Average
7	1.239	37.14	56.00	-18.86	27.40	9.74	QP
8	1.239	23.43	46.00	-22.57	13.69	9.74	Average
9	3.811	31.67	56.00	-24.33	21.24	10.43	QP
10	3.811	25.01	46.00	-20.99	14.58	10.43	Average
11	14.547	33.60	60.00	-26.40	22.81	10.79	QP
12	14.547	27.71	50.00	-22.29	16.92	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_914.75MHz
test by :James



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.160	57.38	65.47	-8.09	47.72	9.66	QP
2	0.160	38.31	55.47	-17.16	28.65	9.66	Average
3	0.223	49.56	62.71	-13.15	39.90	9.66	QP
4	0.223	37.15	52.71	-15.56	27.49	9.66	Average
5	0.447	41.01	56.94	-15.93	31.35	9.66	QP
6	0.447	26.94	46.94	-20.00	17.28	9.66	Average
7	1.200	36.50	56.00	-19.50	26.78	9.72	QP
8	1.200	24.16	46.00	-21.84	14.44	9.72	Average
9	4.054	31.89	56.00	-24.11	21.40	10.49	QP
10	4.054	25.28	46.00	-20.72	14.79	10.49	Average
11	12.561	32.79	60.00	-27.21	21.97	10.82	QP
12	12.561	26.39	50.00	-23.61	15.57	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 Maximum Conducted Output Power

ANT0

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
PR-ASK	902.75	29.32	<30	Pass
	914.75	29.56	<30	Pass
	927.25	29.84	<30	Pass

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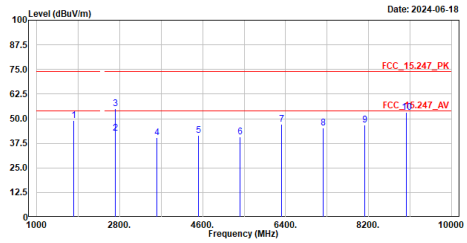
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
PR-ASK	902.75	29.15	<30	Pass
	914.75	29.47	<30	Pass
	927.25	29.68	<30	Pass

Appendix C. Test Result of Radiated Emission

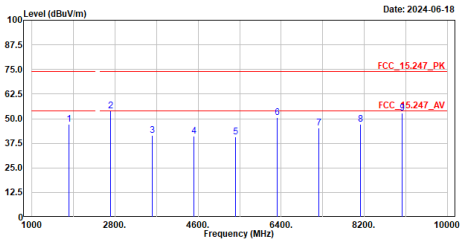
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_902.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1805.500	49.10	74.00	-24.90	74.16	-25.06	Peak
2	2708.250	42.81	54.00	-11.19	65.23	-22.42	Average
3	2708.250	55.15	74.00	-18.85	77.57	-22.42	Peak
4	3611.000	40.51	74.00	-33.49	60.42	-19.91	Peak
5	4513.750	41.68	74.00	-32.32	57.40	-15.72	Peak
6	5416.500	40.86	74.00	-33.14	53.48	-12.62	Peak
7	6319.250	47.19	74.00	-26.81	55.85	-8.66	Peak
8	7222.000	45.25	74.00	-28.75	51.88	-6.63	Peak
9	8124.750	46.78	74.00	-27.22	53.76	-6.98	Peak
10	9027.500	53.15	74.00	-20.85	59.46	-6.31	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

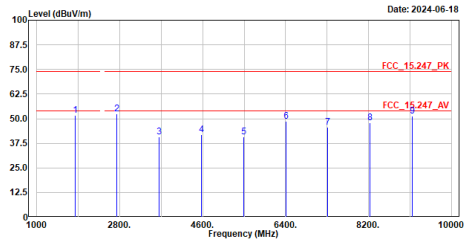
Site :HY-CB03
Condition :3m Vertical
Mode :TX_902.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1805.500	47.33	74.00	-26.67	72.39	-25.06	Peak
2	2708.250	53.84	74.00	-20.16	76.26	-22.42	Peak
3	3611.000	41.45	74.00	-32.55	61.36	-19.91	Peak
4	4513.750	41.14	74.00	-32.86	56.86	-15.72	Peak
5	5416.500	40.90	74.00	-33.10	53.52	-12.62	Peak
6	6319.250	50.72	74.00	-23.28	59.38	-8.66	Peak
7	7222.000	45.17	74.00	-28.83	51.80	-6.63	Peak
8	8124.750	47.02	74.00	-26.98	54.00	-6.98	Peak
9	9027.500	52.88	74.00	-21.12	59.19	-6.31	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

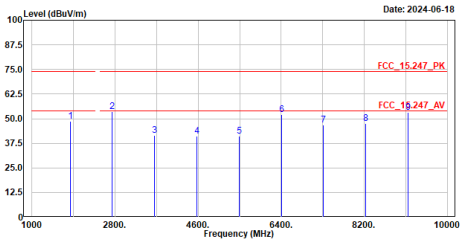
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_914.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1829.500	51.54	74.00	-22.46	76.50	-24.96	Peak
2	2744.250	52.51	74.00	-21.49	74.74	-22.23	Peak
3	3659.000	40.91	74.00	-33.09	60.46	-19.55	Peak
4	4573.750	41.89	74.00	-32.11	57.14	-15.25	Peak
5	5488.500	40.87	74.00	-33.13	53.39	-12.52	Peak
6	6403.250	48.79	74.00	-25.21	56.85	-8.06	Peak
7	7318.000	45.68	74.00	-28.32	52.05	-6.37	Peak
8	8232.750	47.96	74.00	-26.04	54.95	-6.99	Peak
9	9147.500	51.20	74.00	-22.80	57.50	-6.30	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

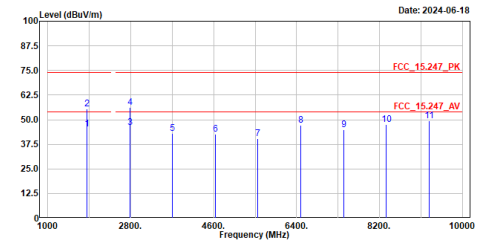
Site :HY-CB03
Condition :3m Vertical
Mode :TX_914.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1829.500	48.80	74.00	-25.20	73.76	-24.96	Peak
2	2744.250	53.68	74.00	-20.32	75.91	-22.23	Peak
3	3659.000	41.46	74.00	-32.54	61.01	-19.55	Peak
4	4573.750	41.15	74.00	-32.85	56.40	-15.25	Peak
5	5488.500	41.14	74.00	-32.86	53.66	-12.52	Peak
6	6403.250	52.12	74.00	-21.88	60.18	-8.06	Peak
7	7318.000	46.89	74.00	-27.11	53.26	-6.37	Peak
8	8232.750	47.71	74.00	-26.29	54.70	-6.99	Peak
9	9147.500	53.11	74.00	-20.89	59.41	-6.30	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

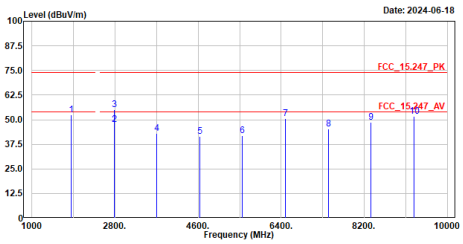
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_927.25MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1854.500	45.18	54.00	-8.82	69.98	-24.80	Average
2	1854.500	55.33	74.00	-18.67	80.13	-24.80	Peak
3	2781.750	45.94	54.00	-8.06	67.78	-21.84	Average
4	2781.750	56.29	74.00	-17.71	78.13	-21.84	Peak
5	3709.000	43.11	74.00	-30.89	62.27	-19.16	Peak
6	4636.250	42.55	74.00	-31.45	57.41	-14.86	Peak
7	5563.500	40.30	74.00	-33.70	52.35	-12.05	Peak
8	6490.750	47.27	74.00	-26.73	55.10	-7.83	Peak
9	7418.000	44.94	74.00	-29.06	51.30	-6.36	Peak
10	8345.250	47.69	74.00	-26.31	54.47	-6.78	Peak
11	9272.500	49.26	74.00	-24.74	55.47	-6.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

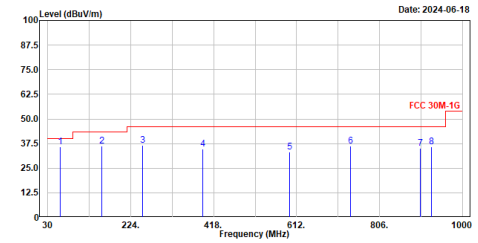
Site :HY-CB03
Condition :3m Vertical
Mode :TX_927.25MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1854.500	52.30	74.00	-21.70	77.10	-24.80	Peak
2	2781.750	47.53	54.00	-6.47	69.37	-21.84	Average
3	2781.750	55.16	74.00	-18.84	77.00	-21.84	Peak
4	3709.000	42.86	74.00	-31.14	62.02	-19.16	Peak
5	4636.250	41.40	74.00	-32.60	56.26	-14.86	Peak
6	5563.500	41.71	74.00	-32.29	53.76	-12.05	Peak
7	6490.750	50.52	74.00	-23.48	58.35	-7.83	Peak
8	7418.000	45.38	74.00	-28.62	51.74	-6.36	Peak
9	8345.250	48.81	74.00	-25.19	55.59	-6.78	Peak
10	9272.500	51.63	74.00	-22.37	57.84	-6.21	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

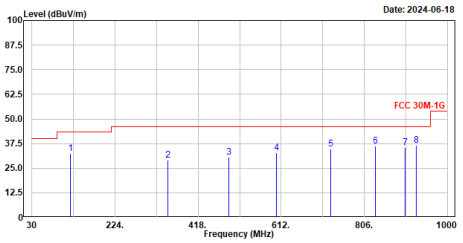
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_914.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	59.100	35.97	40.00	-4.03	60.19	-24.22	QP
2	156.100	36.19	43.50	-7.31	59.90	-23.71	QP
3	252.130	36.69	46.00	-9.31	61.39	-24.70	QP
4	391.810	34.74	46.00	-11.26	55.06	-20.32	QP
5	595.510	33.34	46.00	-12.66	48.76	-15.42	QP
6	738.100	36.20	46.00	-9.80	49.34	-13.14	QP
7	902.000	35.24	46.00	-10.76	46.53	-11.29	QP
8	928.000	35.79	46.00	-10.21	46.53	-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-CB03
Condition :3m ,Vertical
Mode :TX_914.75MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	119.240	32.63	43.50	-10.87	58.84	-26.21	QP
2	348.160	28.96	46.00	-17.04	50.73	-21.77	QP
3	489.780	30.64	46.00	-15.36	48.74	-18.10	QP
4	600.360	32.70	46.00	-13.30	47.92	-15.22	QP
5	727.430	34.71	46.00	-11.29	47.99	-13.28	QP
6	831.220	36.23	46.00	-9.77	48.43	-12.20	QP
7	902.000	35.45	46.00	-10.55	46.74	-11.29	QP
8	928.000	36.62	46.00	-9.38	47.36	-10.74	QP

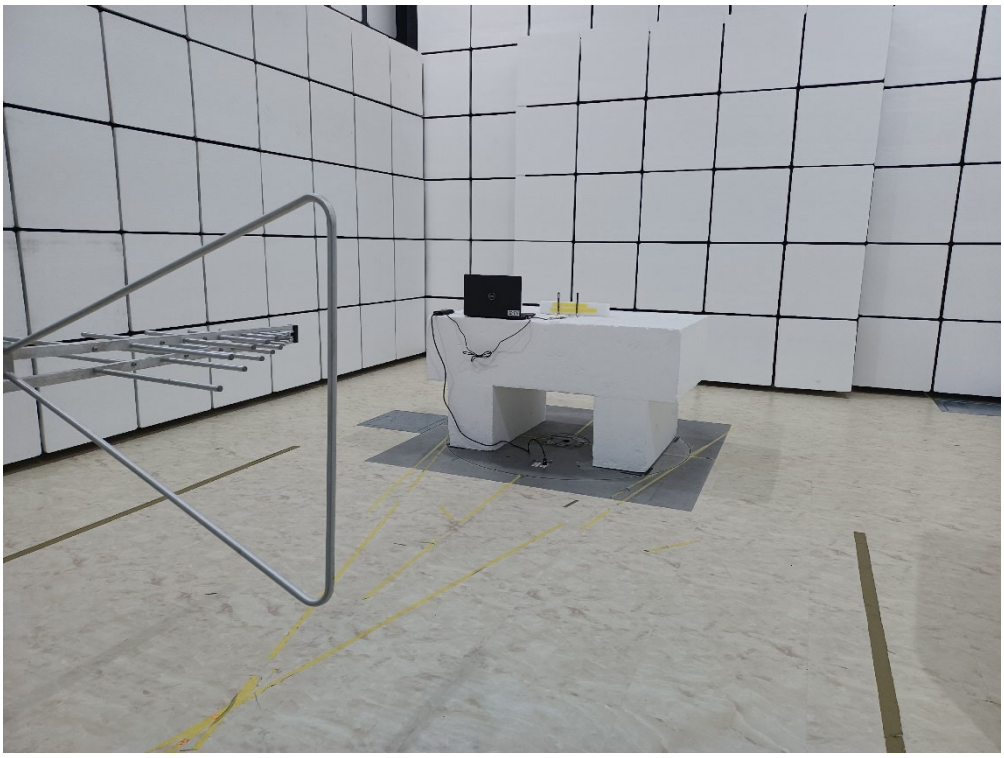
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

Appendix D. Test Setup Photograph

Front View of AC Power Line Conducted Emission Test

Back View of AC Power Line Conducted Emission Test

Radiated Test



Radiated Test (Horn)