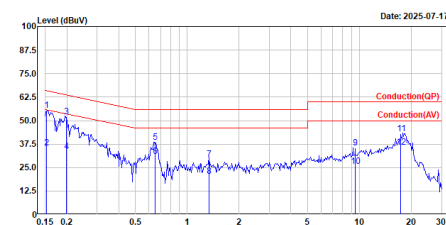
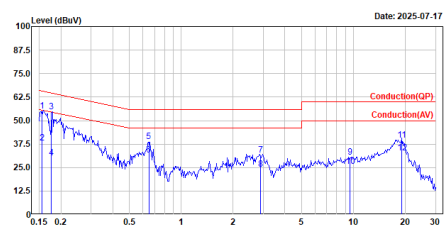


Appendix A. Test Result of AC Power Line Conducted Emission

Adapter mode

TX_ax40_2437MHz_Line								TX_ax40_2437MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_ax40_2437MHz test by :Kevin Date: 2025-07-17								Site :HY-SR01 Condition :Neutral Mode :TX_ax40_2437MHz test by :Kevin Date: 2025-07-17							
															
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.153	55.44	65.85	-10.41	45.80	9.64	QP	1	0.156	54.98	65.67	-10.69	45.36	9.62	QP
2	0.153	35.31	55.85	-20.54	25.67	9.64	Average	2	0.156	38.13	55.67	-17.54	28.51	9.62	Average
3	0.199	52.12	63.66	-11.54	42.48	9.64	QP	3	0.175	54.89	64.71	-9.82	45.27	9.62	QP
4	0.199	33.58	53.66	-20.08	23.94	9.64	Average	4	0.175	30.32	54.71	-24.39	20.70	9.62	Average
5	0.649	38.55	56.00	-17.45	28.88	9.67	QP	5	0.648	38.72	56.00	-17.28	29.07	9.65	QP
6	0.649	31.04	46.00	-14.96	21.37	9.67	Average	6	0.648	31.82	46.00	-14.18	22.17	9.65	Average
7	1.342	29.34	56.00	-26.66	19.63	9.71	QP	7	2.878	31.52	56.00	-24.48	21.64	9.88	QP
8	1.342	20.44	46.00	-25.56	10.73	9.71	Average	8	2.878	24.10	46.00	-21.90	14.22	9.88	Average
9	9.449	35.56	60.00	-24.44	25.33	10.23	QP	9	9.504	30.50	60.00	-29.50	20.28	10.22	QP
10	9.449	25.65	50.00	-24.35	15.42	10.23	Average	10	9.504	25.69	50.00	-24.31	15.47	10.22	Average
11	17.384	43.03	60.00	-16.97	33.23	9.80	QP	11	19.037	39.73	60.00	-20.27	29.80	9.93	QP
12	17.384	35.82	50.00	-14.18	26.02	9.80	Average	12	19.037	32.87	50.00	-17.13	22.94	9.93	Average

Note:

1. Level = Read Level + Factor

2. Factor = LISN insertion loss + Cable loss

3. Over Limit = Level - Limit Line

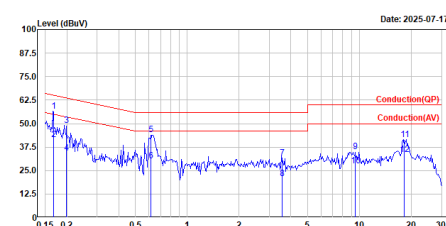
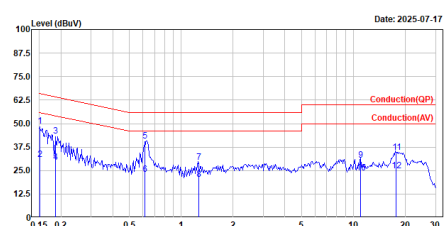
Note:

1. Level = Read Level + Factor

2. Factor = LISN insertion loss + Cable loss

3. Over Limit = Level - Limit Line

PoE mode

TX_ax40_2437MHz_Line								TX_ax40_2437MHz_Neutral							
Site :HY-SR01 Condition :Line Mode :TX_ax40_2437MHz test by :Kevin Date: 2025-07-17								Site :HY-SR01 Condition :Neutral Mode :TX_ax40_2437MHz test by :Kevin Date: 2025-07-17							
															
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.167	56.47	65.10	-8.63	46.83	9.64	QP	1	0.151	48.69	65.96	-17.27	39.07	9.62	QP
2	0.167	41.56	55.10	-13.54	31.92	9.64	Average	2	0.151	31.00	55.96	-24.96	21.38	9.62	Average
3	0.199	49.07	63.64	-14.57	39.43	9.64	QP	3	0.187	43.56	64.17	-20.61	33.94	9.62	QP
4	0.199	34.23	53.64	-19.41	24.59	9.64	Average	4	0.187	29.29	54.17	-24.88	19.67	9.62	Average
5	0.617	44.00	56.00	-12.00	34.34	9.66	QP	5	0.617	40.72	56.00	-15.28	31.08	9.64	QP
6	0.617	30.01	46.00	-15.99	20.35	9.66	Average	6	0.617	23.09	46.00	-22.91	13.45	9.64	Average
7	3.546	31.79	56.00	-24.21	21.82	9.97	QP	7	1.268	29.28	56.00	-26.72	19.59	9.69	QP
8	3.546	20.86	46.00	-25.14	10.89	9.97	Average	8	1.268	20.54	46.00	-25.46	10.85	9.69	Average
9	9.449	35.16	60.00	-24.84	24.93	10.23	QP	9	11.000	30.44	60.00	-29.56	20.30	10.14	QP
10	9.449	27.40	50.00	-22.60	17.17	10.23	Average	10	11.000	23.60	50.00	-26.40	13.46	10.14	Average
11	18.233	41.66	60.00	-18.34	31.83	9.83	QP	11	17.703	34.58	60.00	-25.42	24.70	9.88	QP
12	18.233	33.68	50.00	-16.32	23.85	9.83	Average	12	17.703	24.84	50.00	-25.16	14.96	9.88	Average

Note:

1. Level = Read Level + Factor

2. Factor = LISN insertion loss + Cable loss

3. Over Limit = Level - Limit Line

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

Average

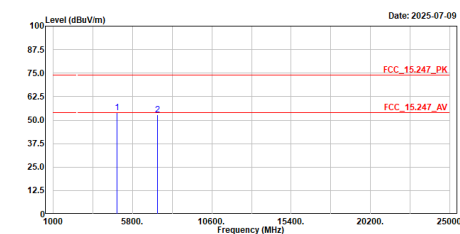
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2437	20.49	20.66	23.59	30.00	Pass
802.11g (20MHz)	2437	20.33	20.64	23.50	30.00	Pass
802.11ax (20MHz)	2437	20.42	20.62	23.53	30.00	Pass
802.11ax (40MHz)	2437	20.49	20.75	23.63	30.00	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant.1 (mW)} + \text{Ant.2 (mW)})$.

Appendix C. Test Result of Radiated Emission

TX_b_2437MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_b_2437MHz
Test BY :Ashton

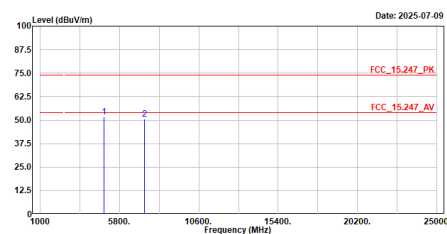


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
		dBuV/m	dB		dBuV	dB/m	
1	4874.000	53.81	74.00	-20.19	68.43	-14.62	Peak
2	7311.000	52.80	74.00	-21.20	59.74	-6.94	Peak

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.

TX_b_2437MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_b_2437MHz
Test BY :Ashton

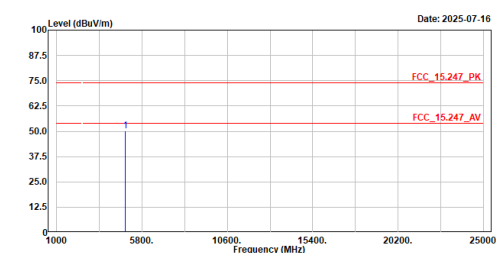


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
		dBuV/m	dB		dBuV	dB/m	
1	4874.000	51.82	74.00	-22.18	66.44	-14.62	Peak
2	7311.000	50.71	74.00	-23.29	57.65	-6.94	Peak

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.

TX_g_2437MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_g_2437MHz
Test BY :Bob

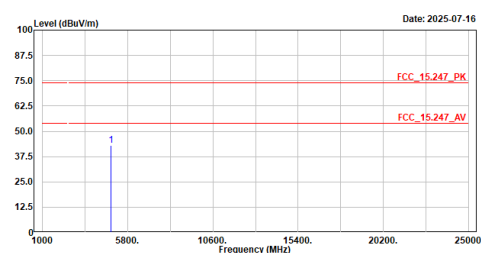


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
		dBuV/m	dB		dBuV	dB/m	
1	4874.000	50.35	74.00	-23.65	64.97	-14.62	Peak

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.

TX_g_2437MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_g_2437MHz
Test BY :Bob

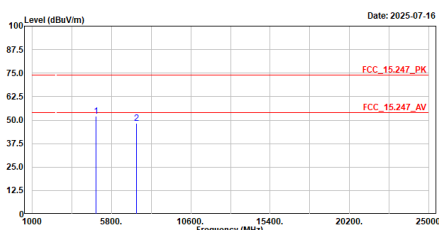


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
		dBuV/m	dB		dBuV	dB/m	
1	4874.000	43.15	74.00	-30.85	57.77	-14.62	Peak

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.

TX_ax20_2437MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ax20_2437MHz
Test BY :Bob



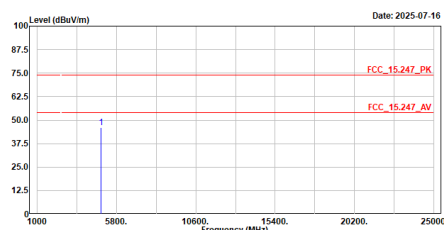
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4874.000	52.18	74.00	-21.82	66.80	-14.62	Peak
2	7311.000	48.18	74.00	-25.82	55.12	-6.94	Peak

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.

TX_ax20_2437MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ax20_2437MHz
Test BY :Bob



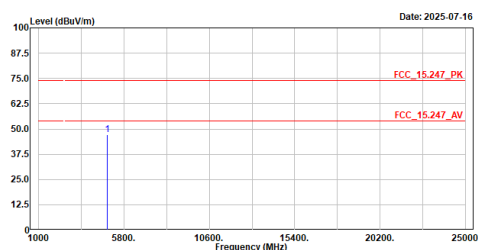
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4874.000	46.15	74.00	-27.85	60.77	-14.62	Peak

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.

TX_ax40_2437MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ax40_2437MHz
Test BY :Bob



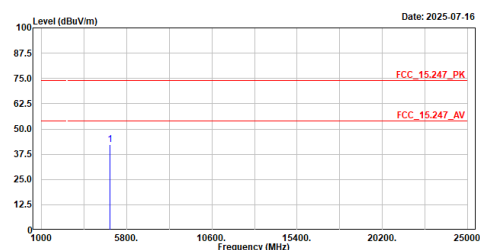
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4874.000	47.33	74.00	-26.67	61.95	-14.62	Peak

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.

TX_ax40_2437MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ax40_2437MHz
Test BY :Bob



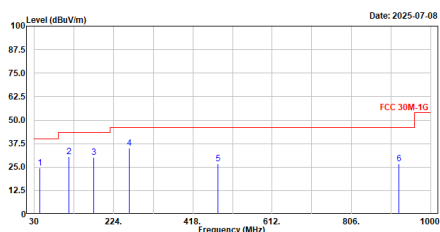
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB/m	Remark
1	4874.000	42.38	74.00	-31.62	57.00	-14.62	Peak

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.

TX_ax40_2437MHz_H_QP

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_ax40_2437MHz
Test BY :Ashton



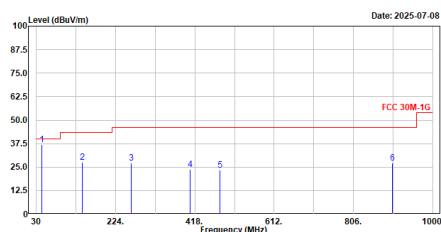
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	43.580	24.45	40.00	-15.55	48.21	-23.76	QP
2	114.390	30.39	43.50	-13.11	57.08	-26.69	QP
3	175.590	30.28	43.50	-13.22	55.20	-24.92	QP
4	262.800	35.02	46.00	-10.98	59.45	-24.43	QP
5	480.080	26.70	46.00	-19.30	45.05	-18.35	QP
6	921.430	26.84	46.00	-19.16	37.89	-11.05	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.

TX_ax40_2437MHz_V_QP

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_ax40_2437MHz
Test BY :Ashton

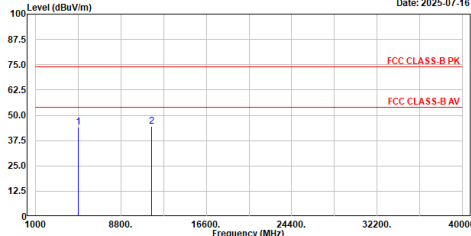
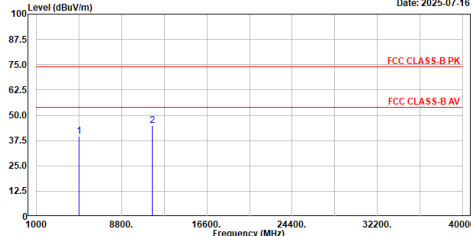


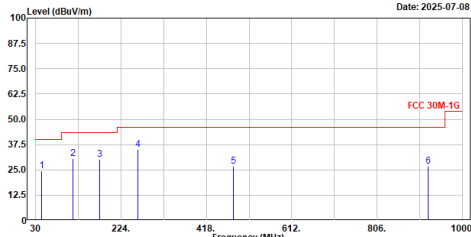
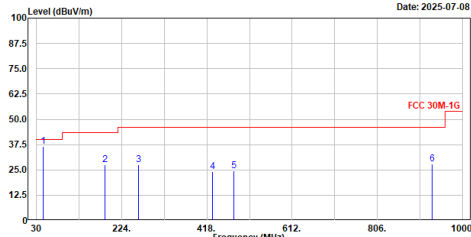
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	43.580	36.91	40.00	-3.09	60.67	-23.76	QP
2	142.520	27.42	43.50	-16.08	51.68	-24.26	QP
3	262.800	27.03	46.00	-18.97	51.46	-24.43	QP
4	406.360	23.96	46.00	-22.04	44.05	-20.09	QP
5	480.080	23.57	46.00	-22.43	41.92	-18.35	QP
6	901.060	27.03	46.00	-18.97	38.49	-11.46	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.

Co-location

TX_b_2437MHz_ax40_5795MHz_H																																							
Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_b_2437MHz_ax40_5795MHz Test BY :Bob Level (dBuV/m) Date: 2025-07-16  <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4874.000</td><td>43.96</td><td>74.00</td><td>-30.04</td><td>58.58</td><td>-14.62</td><td>Peak</td></tr><tr><td>2</td><td>11590.000</td><td>44.70</td><td>74.00</td><td>-29.30</td><td>46.56</td><td>-1.86</td><td>Peak</td></tr></table> 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.								No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	dBuV/m	Limit	Level	dB/m		1	4874.000	43.96	74.00	-30.04	58.58	-14.62	Peak	2	11590.000	44.70	74.00	-29.30	46.56	-1.86	Peak
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m																																	
1	4874.000	43.96	74.00	-30.04	58.58	-14.62	Peak																																
2	11590.000	44.70	74.00	-29.30	46.56	-1.86	Peak																																
TX_b_2437MHz_ax40_5795MHz_V																																							
Site :HY-CB03 Condition :3m ,Vertical Mode :TX_b_2437MHz_ax40_5795MHz Test BY :Bob Level (dBuV/m) Date: 2025-07-16  <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>4874.000</td><td>39.80</td><td>74.00</td><td>-34.20</td><td>54.42</td><td>-14.62</td><td>Peak</td></tr><tr><td>2</td><td>11590.000</td><td>44.93</td><td>74.00</td><td>-29.07</td><td>46.79</td><td>-1.86</td><td>Peak</td></tr></table> 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.								No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	dBuV/m	Limit	Level	dB/m		1	4874.000	39.80	74.00	-34.20	54.42	-14.62	Peak	2	11590.000	44.93	74.00	-29.07	46.79	-1.86	Peak
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m																																	
1	4874.000	39.80	74.00	-34.20	54.42	-14.62	Peak																																
2	11590.000	44.93	74.00	-29.07	46.79	-1.86	Peak																																

TX_b_2437MHz_ax40_5795MHz_H_QP																																																																							
Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_b_2437MHz_ax40_5795MHz Test BY :Bob Level (dBuV/m) Date: 2025-07-08  <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>43.580</td><td>24.45</td><td>40.00</td><td>-15.55</td><td>48.21</td><td>-23.76</td><td>QP</td></tr><tr><td>2</td><td>114.390</td><td>30.39</td><td>43.50</td><td>-13.11</td><td>57.08</td><td>-26.69</td><td>QP</td></tr><tr><td>3</td><td>175.500</td><td>30.28</td><td>43.50</td><td>-13.22</td><td>55.20</td><td>-24.92</td><td>QP</td></tr><tr><td>4</td><td>262.800</td><td>35.02</td><td>46.00</td><td>-10.98</td><td>59.45</td><td>-24.43</td><td>QP</td></tr><tr><td>5</td><td>480.080</td><td>26.70</td><td>46.00</td><td>-19.30</td><td>45.05</td><td>-18.35</td><td>QP</td></tr><tr><td>6</td><td>921.430</td><td>26.84</td><td>46.00</td><td>-19.16</td><td>37.89</td><td>-11.05</td><td>QP</td></tr></table> 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.								No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	dBuV/m	Limit	Level	dB/m		1	43.580	24.45	40.00	-15.55	48.21	-23.76	QP	2	114.390	30.39	43.50	-13.11	57.08	-26.69	QP	3	175.500	30.28	43.50	-13.22	55.20	-24.92	QP	4	262.800	35.02	46.00	-10.98	59.45	-24.43	QP	5	480.080	26.70	46.00	-19.30	45.05	-18.35	QP	6	921.430	26.84	46.00	-19.16	37.89	-11.05	QP
No.	Frequency	Level	Limit	Over	Read	Factor	Remark																																																																
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Site :HY-CB03 Condition :3m ,Vertical Mode :TX_b_2437MHz_ax40_5795MHz Test BY :Bob Level (dBuV/m) Date: 2025-07-08  <table><tr><th>No.</th><th>Frequency</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>Limit</th><th>Level</th><th>dB/m</th><th></th></tr><tr><td>1</td><td>45.770</td><td>36.46</td><td>40.00</td><td>-3.54</td><td>59.95</td><td>-23.49</td><td>QP</td></tr><tr><td>2</td><td>186.330</td><td>27.56</td><td>43.50</td><td>-15.94</td><td>53.76</td><td>-26.20</td><td>QP</td></tr><tr><td>3</td><td>262.780</td><td>27.66</td><td>46.00</td><td>-18.34</td><td>52.09</td><td>-24.43</td><td>QP</td></tr><tr><td>4</td><td>431.010</td><td>24.16</td><td>46.00</td><td>-21.84</td><td>43.71</td><td>-19.55</td><td>QP</td></tr><tr><td>5</td><td>480.081</td><td>24.66</td><td>46.00</td><td>-21.34</td><td>43.01</td><td>-18.35</td><td>QP</td></tr><tr><td>6</td><td>930.220</td><td>27.89</td><td>46.00</td><td>-18.11</td><td>38.80</td><td>-10.91</td><td>QP</td></tr></table> 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.								No.	Frequency	Level	Limit	Over	Read	Factor	Remark		MHz	dBuV/m	dBuV/m	Limit	Level	dB/m		1	45.770	36.46	40.00	-3.54	59.95	-23.49	QP	2	186.330	27.56	43.50	-15.94	53.76	-26.20	QP	3	262.780	27.66	46.00	-18.34	52.09	-24.43	QP	4	431.010	24.16	46.00	-21.84	43.71	-19.55	QP	5	480.081	24.66	46.00	-21.34	43.01	-18.35	QP	6	930.220	27.89	46.00	-18.11	38.80	-10.91	QP
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