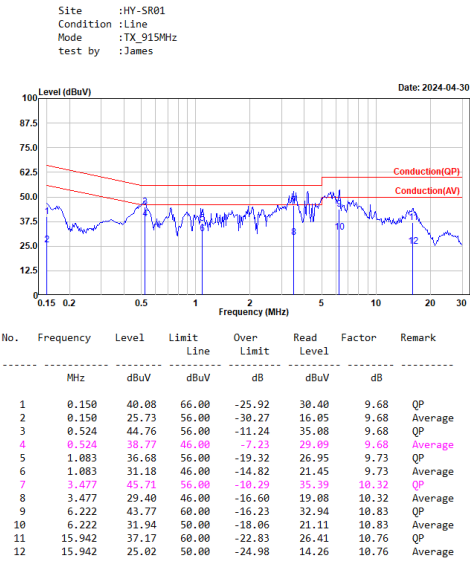
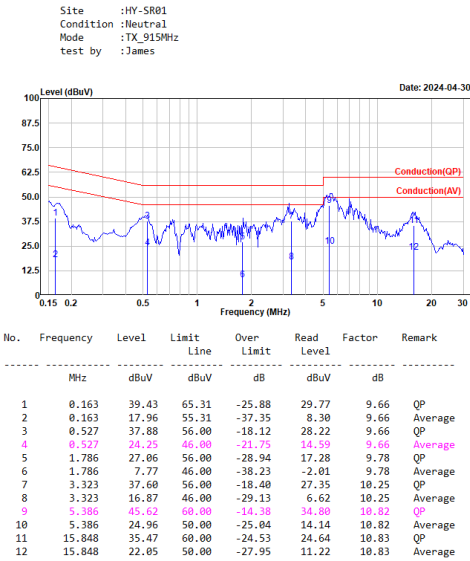


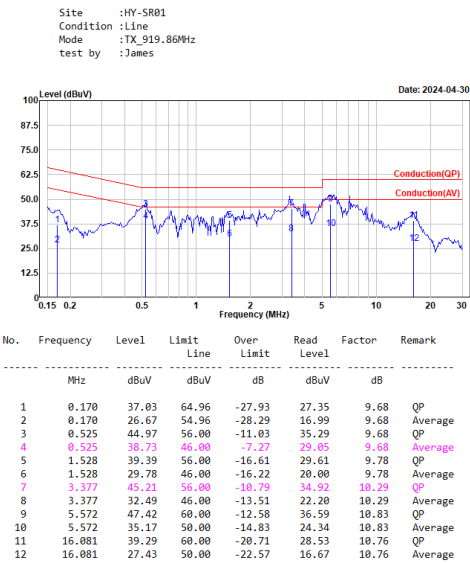
Appendix A. Test Result of AC Power Line Conducted Emission



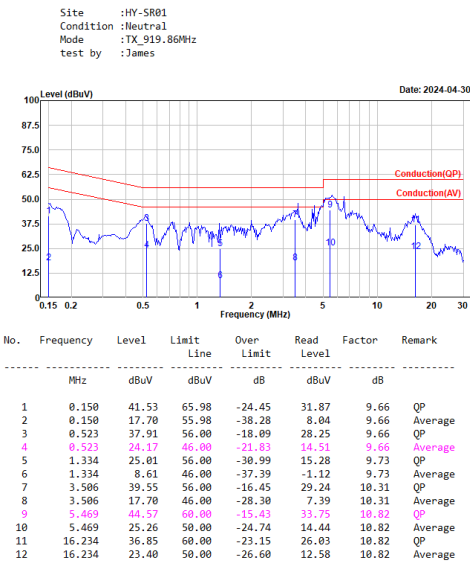
Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line



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



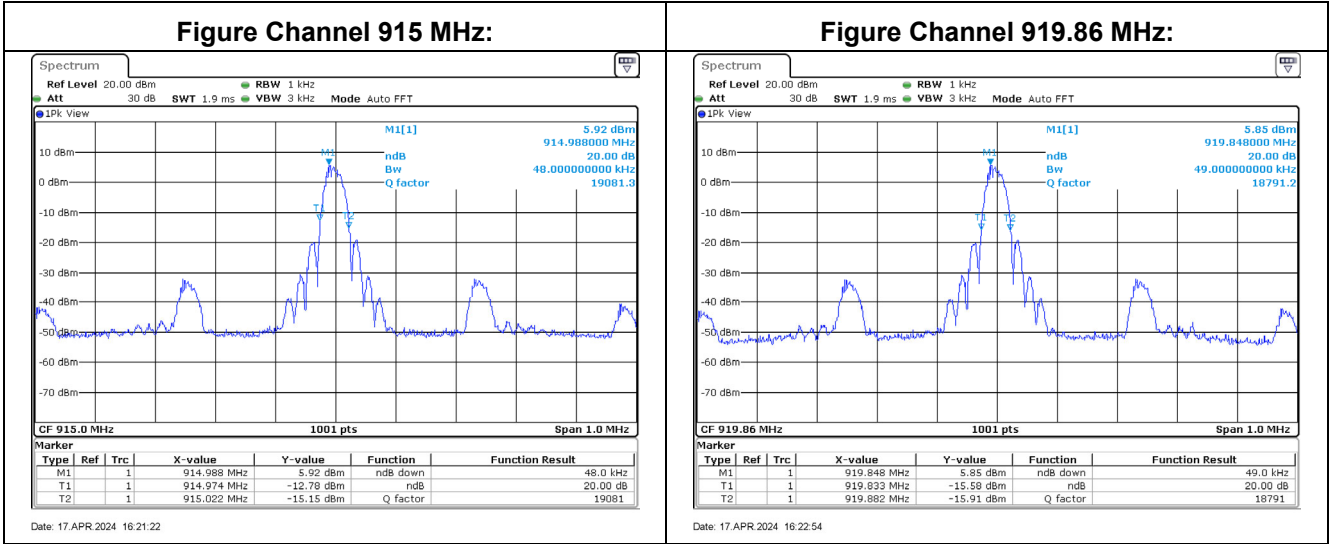
Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line



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

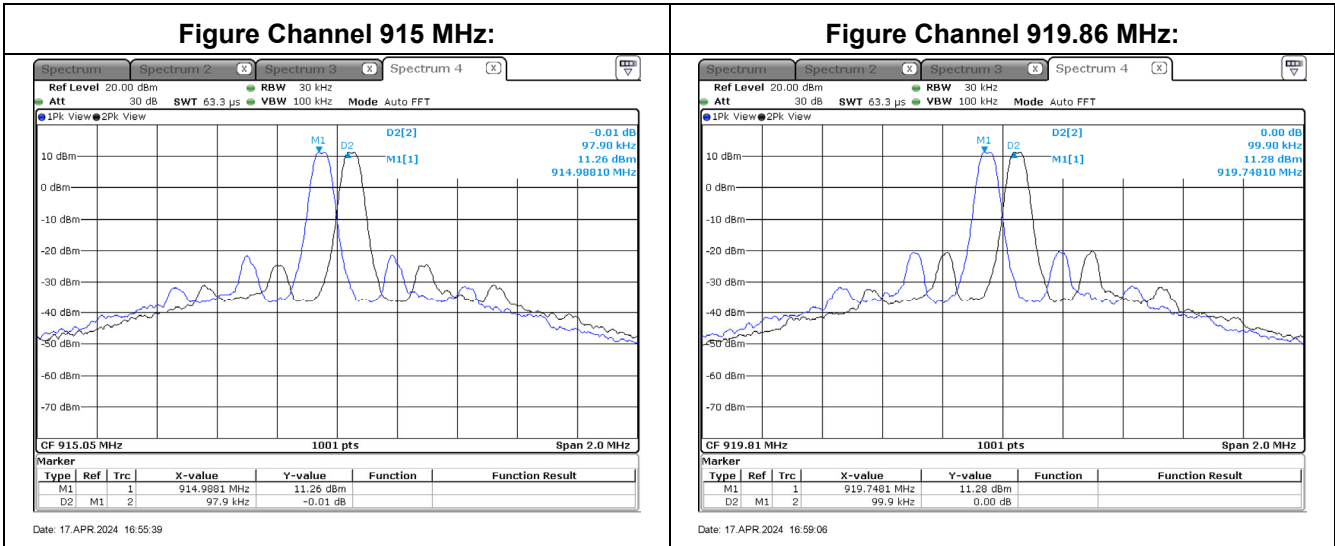
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)
FHSS	915	48.0	-
	919.86	49.0	-



Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)	Limit of 20dB Bandwidth (kHz)
FHSS	915	97.9	>25	48.0
	919.86	99.9	>25	48.0

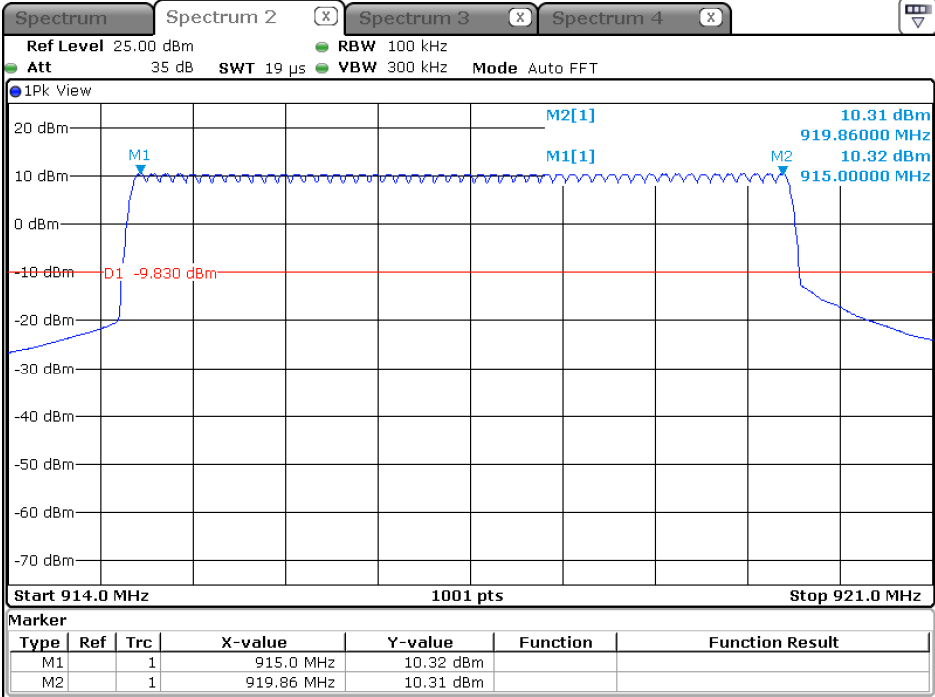


Appendix D. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)
FHSS	915	11.96	28
	919.86	11.90	28

Appendix E. Test Result of Number of Hopping Frequency

Modulation	Frequency Range (MHz)	Measure Level (Channels)	Limit (Channels)
FHSS	915 - 919.86	50	≥ 50

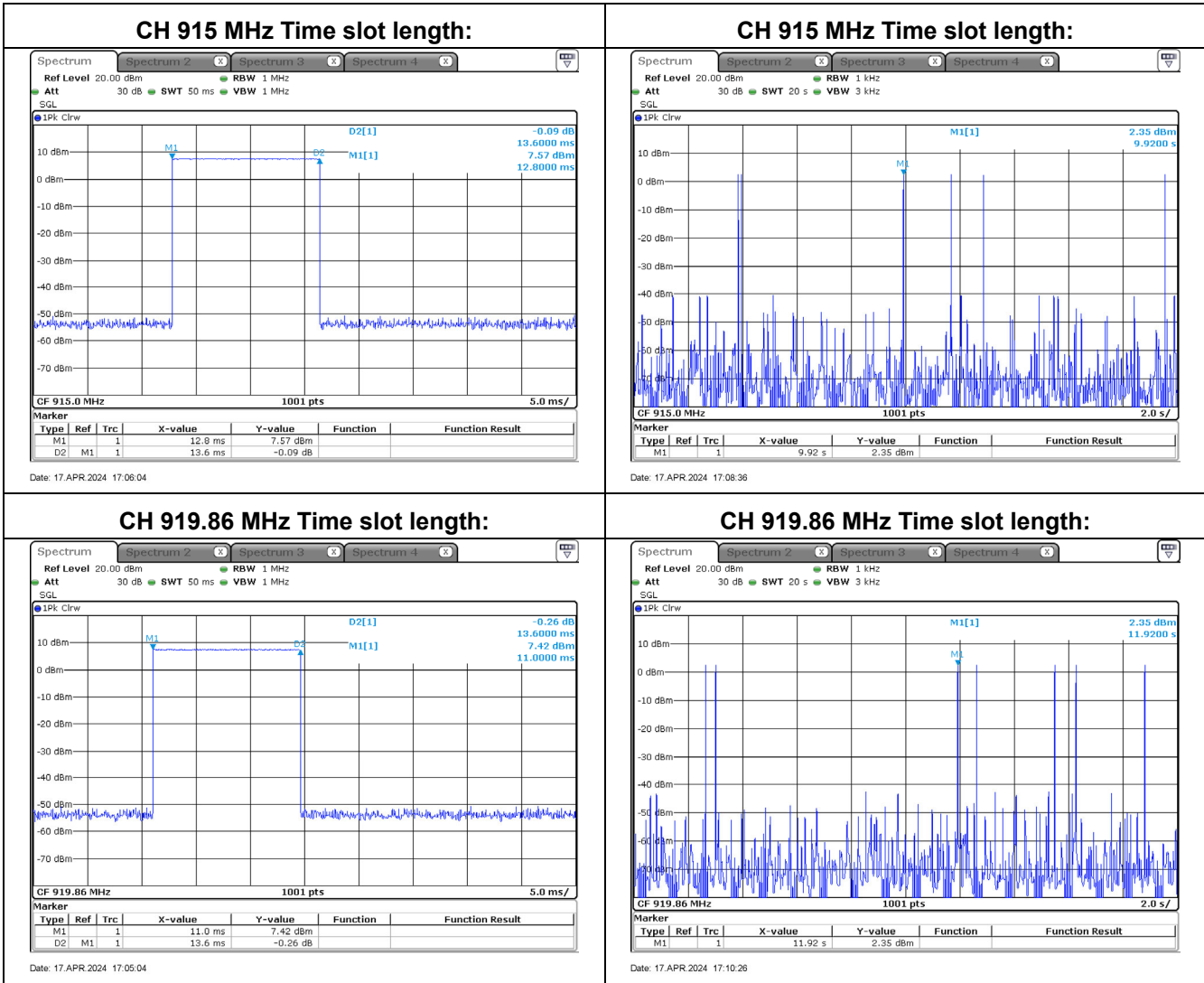


Date: 17.APR.2024 17:15:29

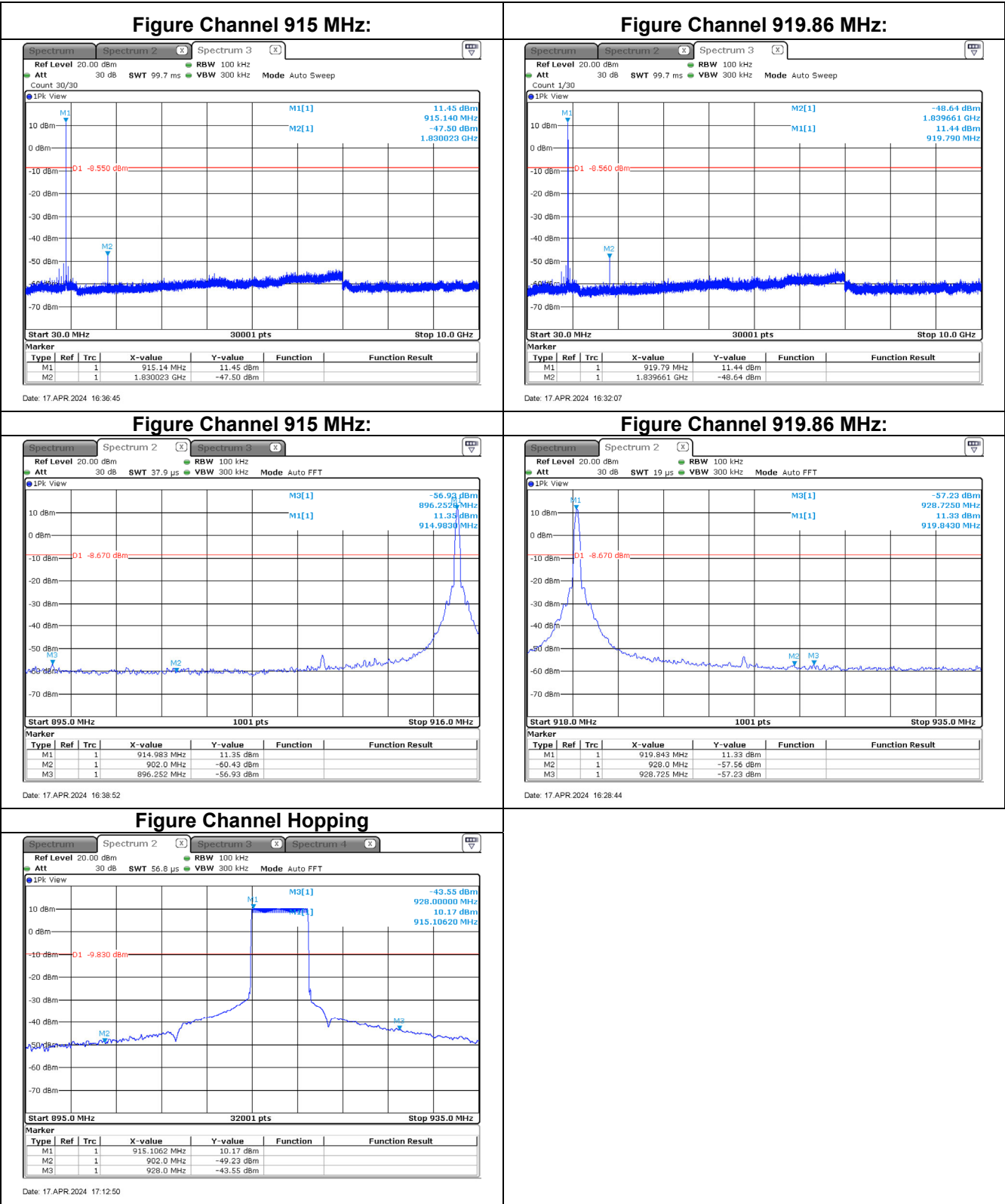
Appendix F. Test Result of Dwell Time

Modulation	Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)
FHSS	915	13.600	6	20000	81.600	400
	919.86	13.600	7	20000	95.200	400

Note: Dwell time =Time slot length* Hopping of Number

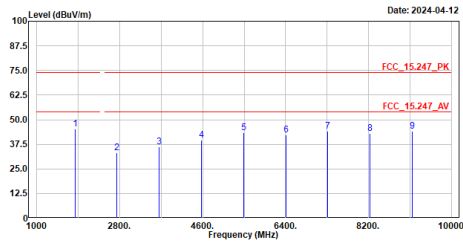


Appendix G. Test Result of Antenna Port Conducted Emission



Appendix H. Test Result of Radiated Emission

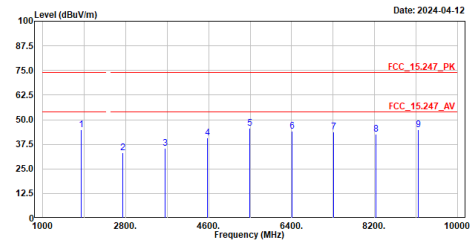
Site :HY-CB03
Condition :3m HORIZONTAL
Mode :TX 915MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1830.000	45.25	74.00	-28.75	70.01	-24.76	Peak
2	2745.000	33.29	74.00	-40.71	55.26	-21.97	Peak
3	3660.000	36.18	74.00	-37.82	55.45	-19.27	Peak
4	4575.000	39.46	74.00	-34.54	54.66	-15.20	Peak
5	5490.000	43.48	74.00	-30.52	55.92	-12.44	Peak
6	6405.000	42.29	74.00	-31.71	50.25	-7.96	Peak
7	7320.000	43.97	74.00	-30.03	50.38	-6.41	Peak
8	8235.000	43.00	74.00	-31.00	49.96	-6.96	Peak
9	9150.000	44.31	74.00	-29.69	50.41	-6.10	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.

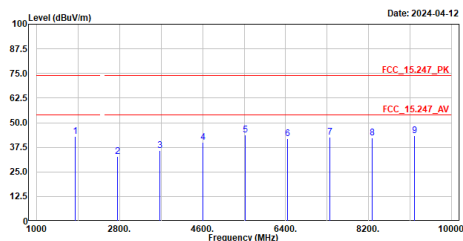
Site :HY-CB03
Condition :3m VERTICAL
Mode :TX 915MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1830.000	45.02	74.00	-28.98	69.78	-24.76	Peak
2	2745.000	33.21	74.00	-40.79	55.18	-21.97	Peak
3	3660.000	35.41	74.00	-38.59	54.68	-19.27	Peak
4	4575.000	40.81	74.00	-33.19	56.01	-15.20	Peak
5	5490.000	45.52	74.00	-28.48	57.96	-12.44	Peak
6	6405.000	44.29	74.00	-29.71	52.25	-7.96	Peak
7	7320.000	43.77	74.00	-30.23	50.18	-6.41	Peak
8	8235.000	42.54	74.00	-31.46	49.50	-6.96	Peak
9	9150.000	44.98	74.00	-29.02	51.08	-6.10	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.

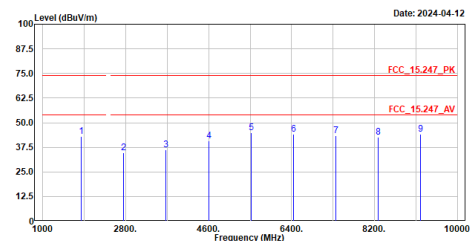
Site :HY-CB03
Condition :3m HORIZONTAL
Mode :TX 919.86MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1839.720	43.17	74.00	-30.83	67.92	-24.75	Peak
2	2759.580	32.96	74.00	-41.04	54.84	-21.88	Peak
3	3679.440	35.96	74.00	-38.04	55.16	-19.20	Peak
4	4599.300	39.82	74.00	-34.18	54.93	-15.11	Peak
5	5519.160	43.76	74.00	-30.24	56.10	-12.34	Peak
6	6439.020	41.92	74.00	-32.08	49.81	-7.89	Peak
7	7358.880	42.72	74.00	-31.28	49.25	-6.53	Peak
8	8278.740	42.09	74.00	-31.91	48.99	-6.90	Peak
9	9198.600	43.53	74.00	-30.47	49.54	-6.01	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.

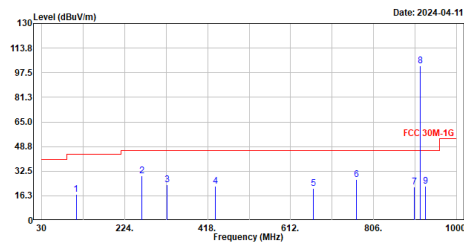
Site :HY-CB03
Condition :3m VERTICAL
Mode :TX 919.86MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	1839.720	43.15	74.00	-30.85	67.90	-24.75	Peak
2	2759.580	34.62	74.00	-39.38	56.50	-21.88	Peak
3	3679.440	36.25	74.00	-37.75	55.45	-19.20	Peak
4	4599.300	40.84	74.00	-33.16	55.95	-15.11	Peak
5	5519.160	45.03	74.00	-28.97	57.37	-12.34	Peak
6	6439.020	44.10	74.00	-29.90	51.99	-7.89	Peak
7	7358.880	43.43	74.00	-30.57	49.96	-6.53	Peak
8	8278.740	42.73	74.00	-31.27	49.63	-6.90	Peak
9	9198.600	43.98	74.00	-30.02	49.99	-6.01	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.

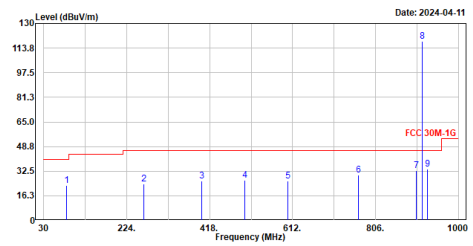
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_915MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	118.510	16.97	43.50	-26.53	43.91	-26.94	QP
2	263.770	29.24	46.00	-16.76	53.43	-24.19	QP
3	322.940	23.42	46.00	-22.58	45.56	-22.14	QP
4	435.460	22.54	46.00	-23.46	41.69	-19.15	QP
5	665.350	21.22	46.00	-24.78	35.73	-14.51	QP
6	765.260	27.14	46.00	-18.86	39.89	-12.75	QP
7	902.000	21.85	46.00	-24.15	33.14	-11.29	QP
8	915.000	102.02	-----	-----	113.12	-11.10	QP
9	928.000	22.66	46.00	-23.34	33.40	-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.

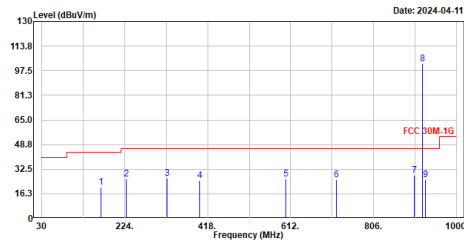
Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_915MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	83.350	22.87	40.00	-17.13	52.55	-29.68	QP
2	264.740	23.87	46.00	-22.13	47.98	-24.11	QP
3	399.570	25.93	46.00	-20.07	46.06	-20.13	QP
4	500.450	26.68	46.00	-19.32	44.55	-17.87	QP
5	600.360	26.06	46.00	-19.94	41.28	-15.22	QP
6	765.260	30.11	46.00	-15.89	42.06	-12.75	QP
7	902.000	32.97	46.00	-13.03	44.26	-11.29	QP
8	915.000	118.18	-----	-----	129.28	-11.10	QP
9	928.000	33.99	46.00	-12.01	44.73	-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.

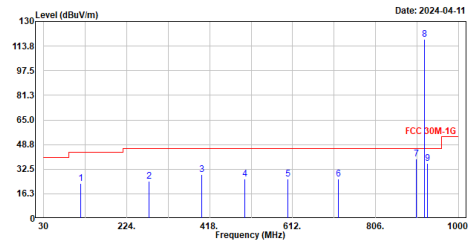
Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_919.80MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	168.710	20.78	43.50	-22.72	44.98	-24.20	QP
2	226.910	25.81	46.00	-20.19	51.76	-25.95	QP
3	323.910	26.43	46.00	-19.57	48.53	-22.10	QP
4	399.570	24.93	46.00	-21.07	45.06	-20.13	QP
5	600.360	26.15	46.00	-19.85	41.37	-15.22	QP
6	719.670	25.65	46.00	-20.35	39.28	-13.63	QP
7	902.000	28.33	46.00	-17.67	39.62	-11.29	QP
8	919.860	102.27	-----	-----	113.24	-10.97	QP
9	928.000	25.50	46.00	-20.50	36.24	-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_919.80MHz
Test BY :Bob

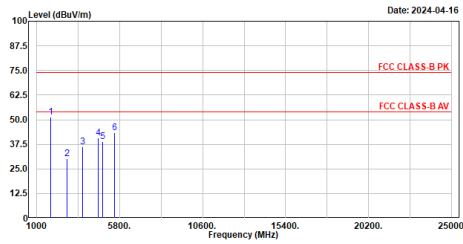


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB/m	
1	117.300	23.17	43.50	-20.33	49.44	-26.27	QP
2	276.380	24.53	46.00	-21.47	48.11	-23.58	QP
3	399.570	29.18	46.00	-16.82	49.31	-20.13	QP
4	500.450	26.10	46.00	-19.90	43.97	-17.87	QP
5	600.360	26.13	46.00	-19.87	41.35	-15.22	QP
6	719.670	25.93	46.00	-20.07	39.56	-13.63	QP
7	902.000	39.26	46.00	-6.74	50.55	-11.29	QP
8	919.860	118.37	-----	-----	129.34	-10.97	QP
9	928.000	36.22	46.00	-9.78	46.96	-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.

Co-location

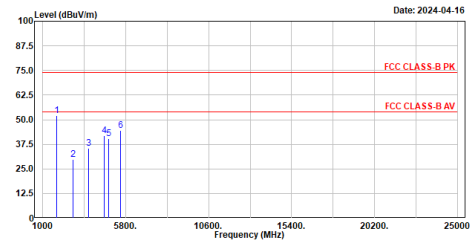
Site :HY-CB03
Condition :3m HORIZONTAL
Mode :TX_915MHz+2405MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1830.000	51.14	74.00	-22.86	75.90	-24.76	Peak
2	2745.000	30.14	74.00	-43.86	52.11	-21.97	Peak
3	3660.000	36.27	74.00	-37.73	55.54	-19.27	Peak
4	4575.000	40.67	74.00	-33.33	55.87	-15.20	Peak
5	4810.000	38.88	74.00	-35.12	52.95	-14.07	Peak
6	5490.000	43.21	74.00	-30.79	55.65	-12.44	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.

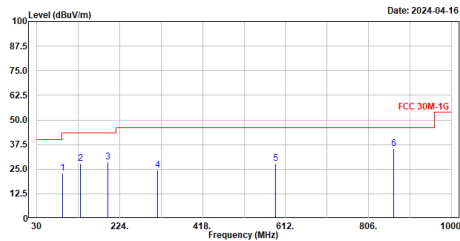
Site :HY-CB03
Condition :3m VERTICAL
Mode :TX_915MHz+2405MHz
Test BY :Bob



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1830.000	52.10	74.00	-21.90	76.86	-24.76	Peak
2	2745.000	29.72	74.00	-44.28	51.69	-21.97	Peak
3	3660.000	35.66	74.00	-38.34	54.93	-19.27	Peak
4	4575.000	41.91	74.00	-32.09	57.11	-15.20	Peak
5	4810.000	40.44	74.00	-33.56	54.51	-14.07	Peak
6	5490.000	44.50	74.00	-29.50	56.94	-12.44	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.

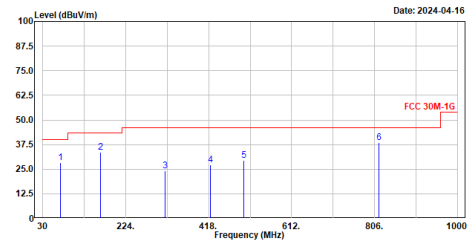
Site :HY-CB03
Condition :3m Horizontal
Mode :TX_915MHz+2405MHz
Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	91.110	22.98	43.50	-20.52	52.46	-29.48	QP
2	131.850	28.09	43.50	-15.41	53.20	-25.11	QP
3	196.840	28.62	43.50	-14.88	55.26	-26.64	QP
4	312.270	24.60	46.00	-21.40	47.11	-22.51	QP
5	588.720	27.80	46.00	-18.20	43.43	-15.63	QP
6	865.170	35.55	46.00	-10.45	47.38	-11.83	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_915MHz+2405MHz
Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	71.710	28.11	40.00	-11.89	54.57	-26.46	QP
2	165.800	33.54	43.50	-9.96	57.59	-24.05	QP
3	316.150	24.34	46.00	-21.66	46.71	-22.37	QP
4	422.850	27.31	46.00	-18.69	47.08	-19.77	QP
5	500.450	29.50	46.00	-16.50	47.37	-17.87	QP
6	815.700	38.51	46.00	-7.49	50.85	-12.34	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.