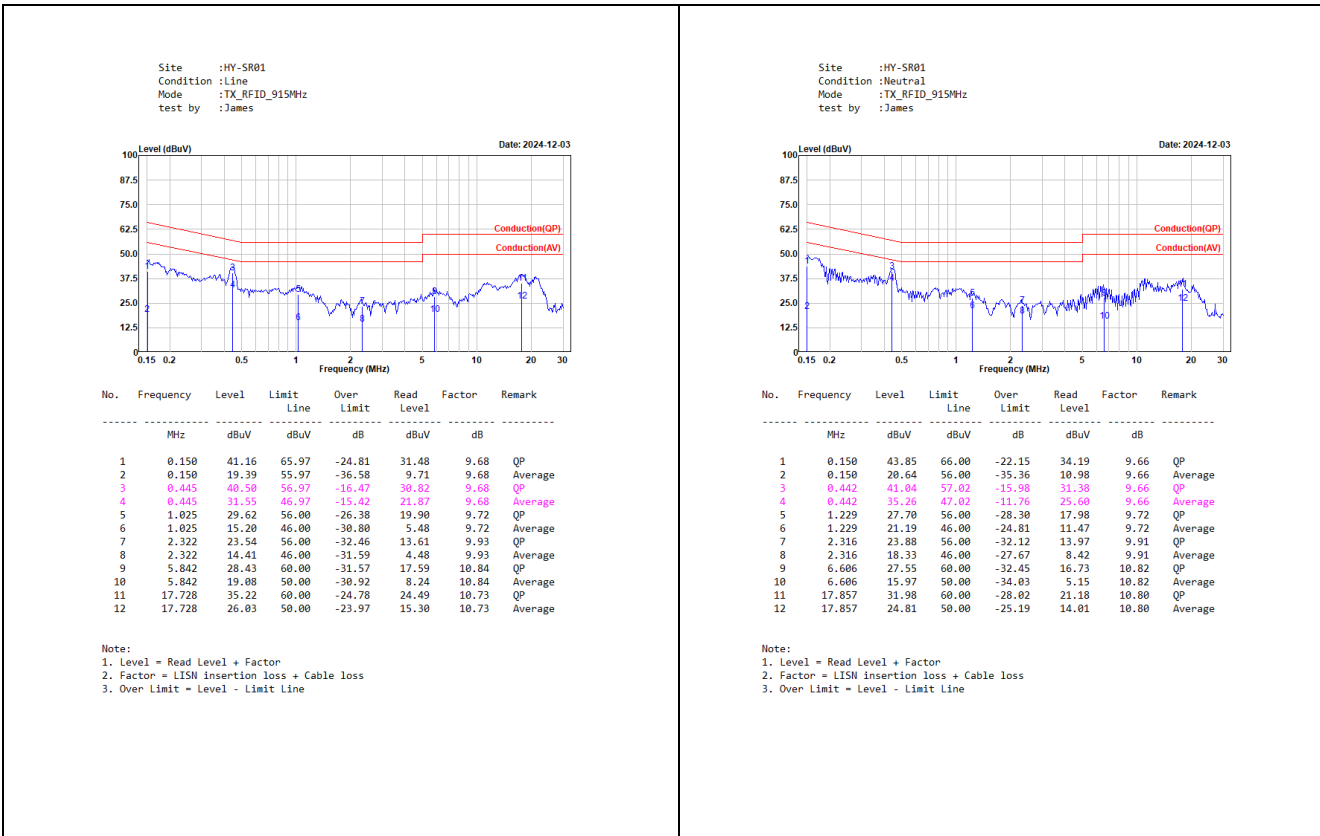
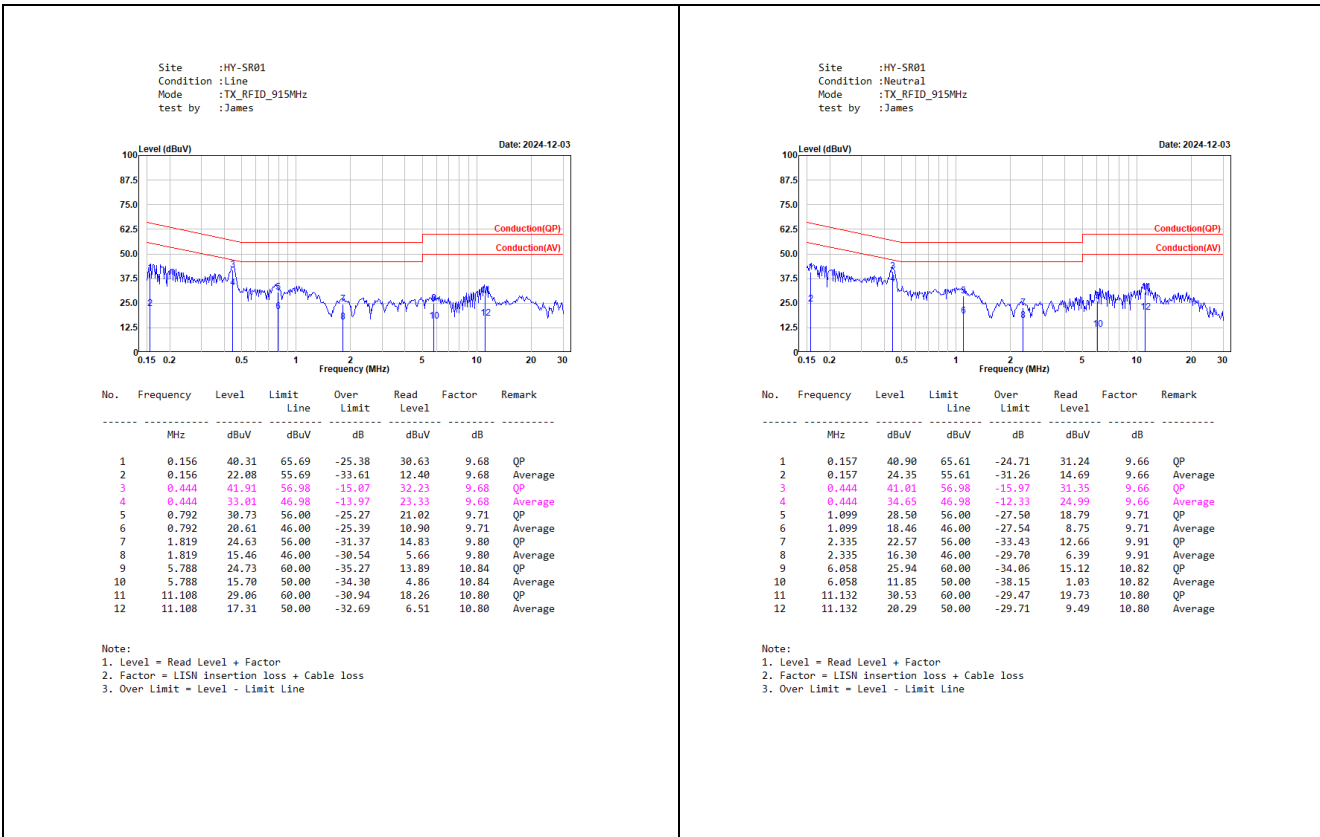


Appendix A. Test Result of AC Power Line Conducted Emission

USB Port 1

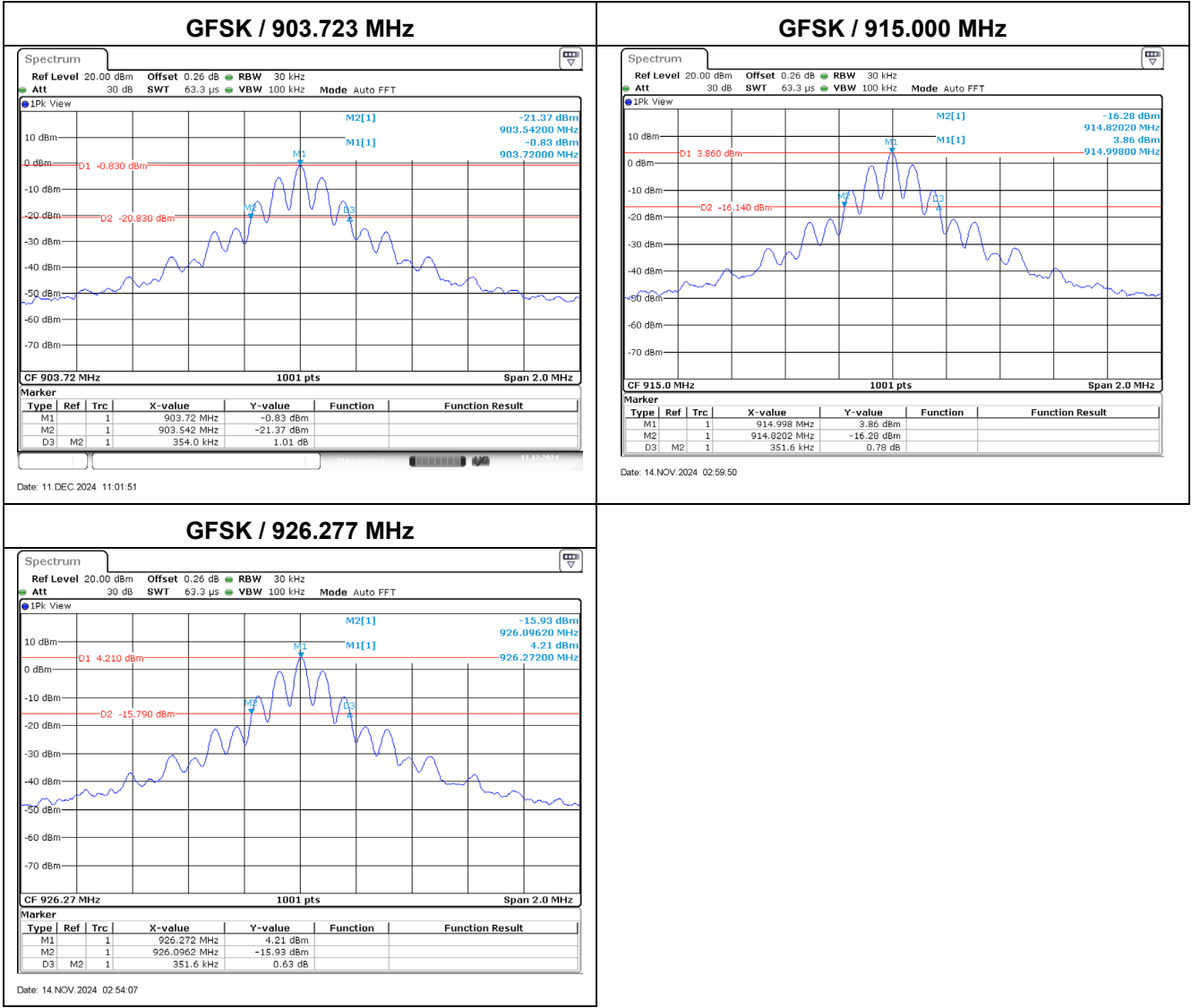


USB Port 2



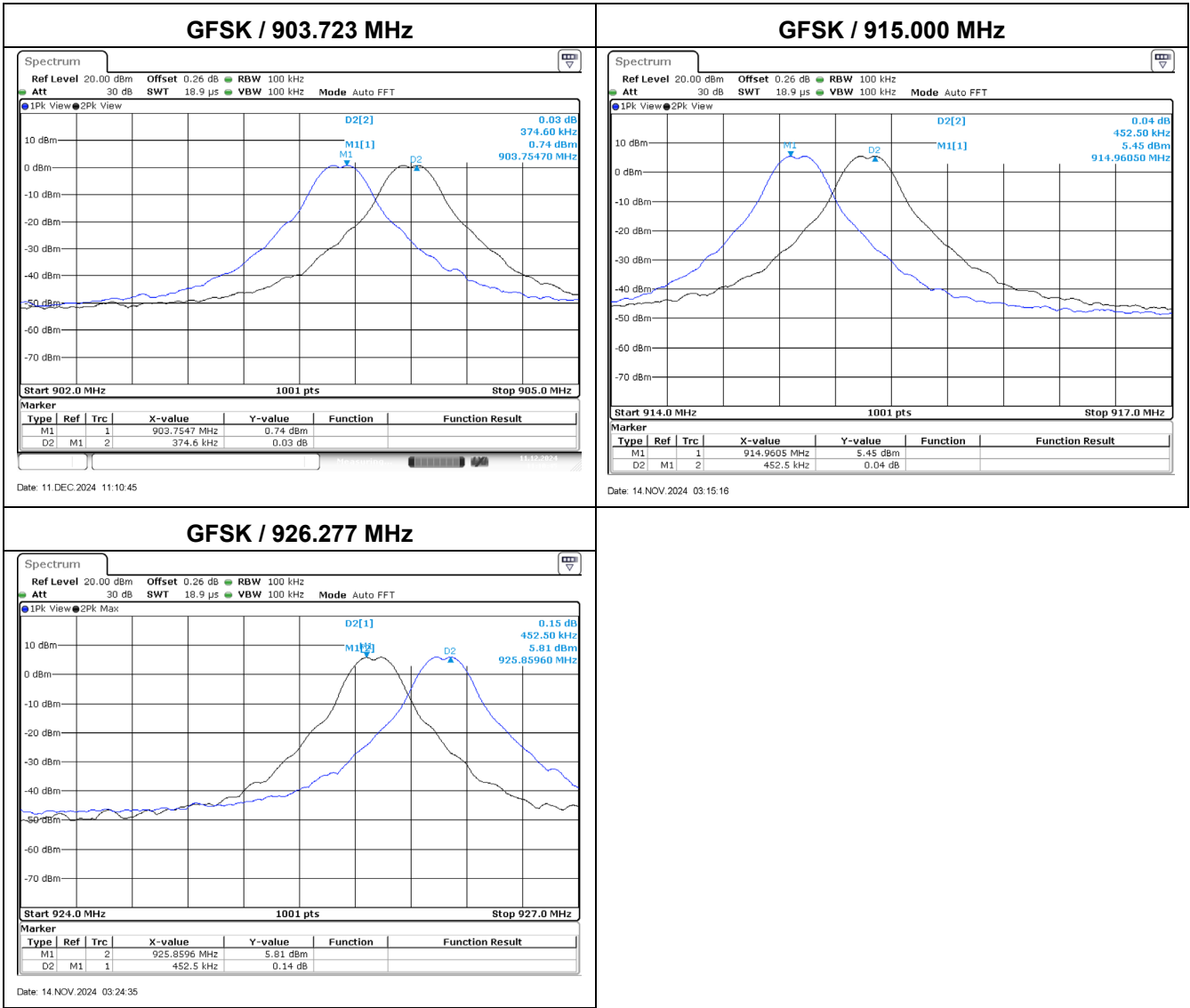
Appendix B. Test Result of 20dB Bandwidth

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)
GFSK	903.723	354	-
	915.000	352	-
	926.277	352	-



Appendix C. Test Result of Carrier Frequency Separation

Modulation	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)	Limit of 20dB Bandwidth (kHz)
GFSK	903.723	375	>25	236.0
	915.000	453	>25	234.4
	926.277	453	>25	234.4

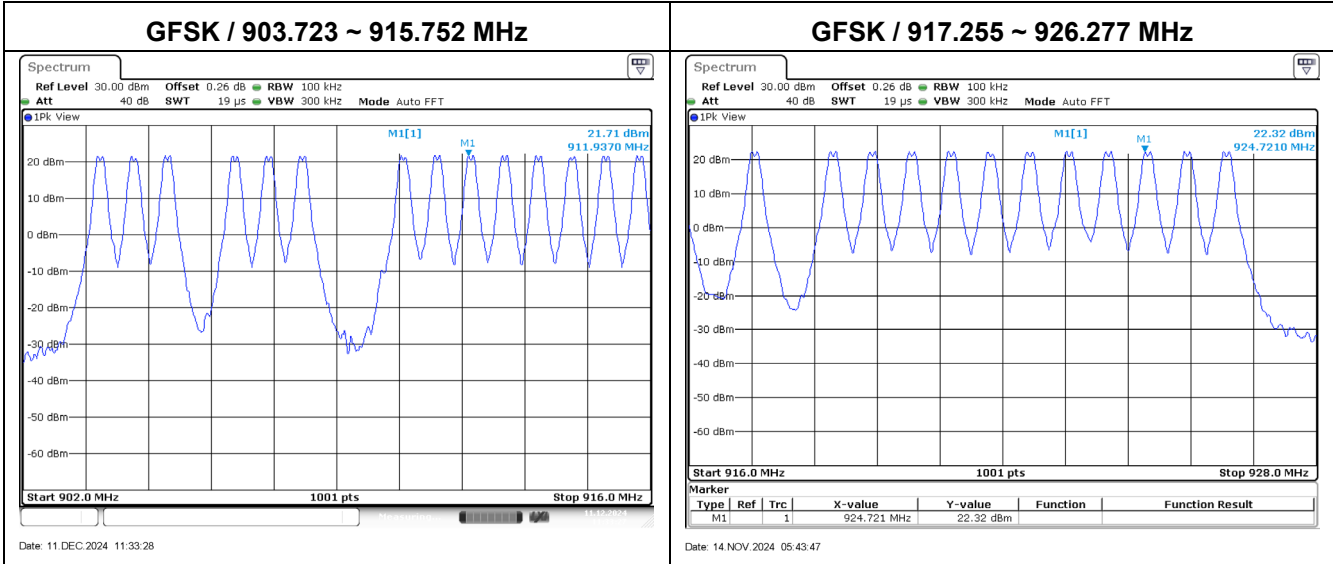


Appendix D. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)
GFSK	903.723	2.06	24
	915.000	6.33	24
	926.277	6.74	24

Appendix E. Test Result of Number of Hopping Frequency

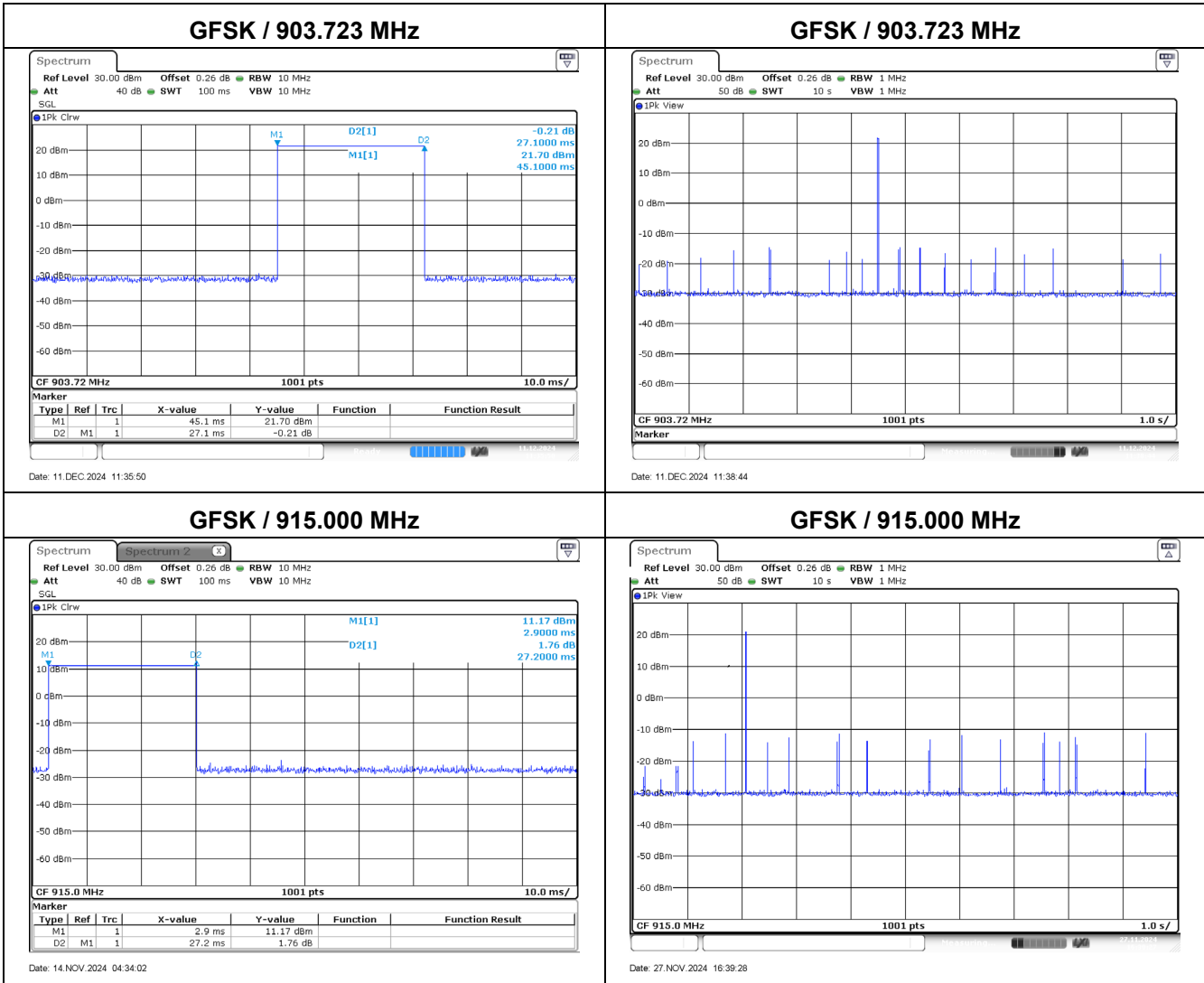
Modulation	Frequency Range (MHz)	Measure Level (Channels)	Limit (Channels)
GFSK	903.723 ~ 926.277	26	≥ 25

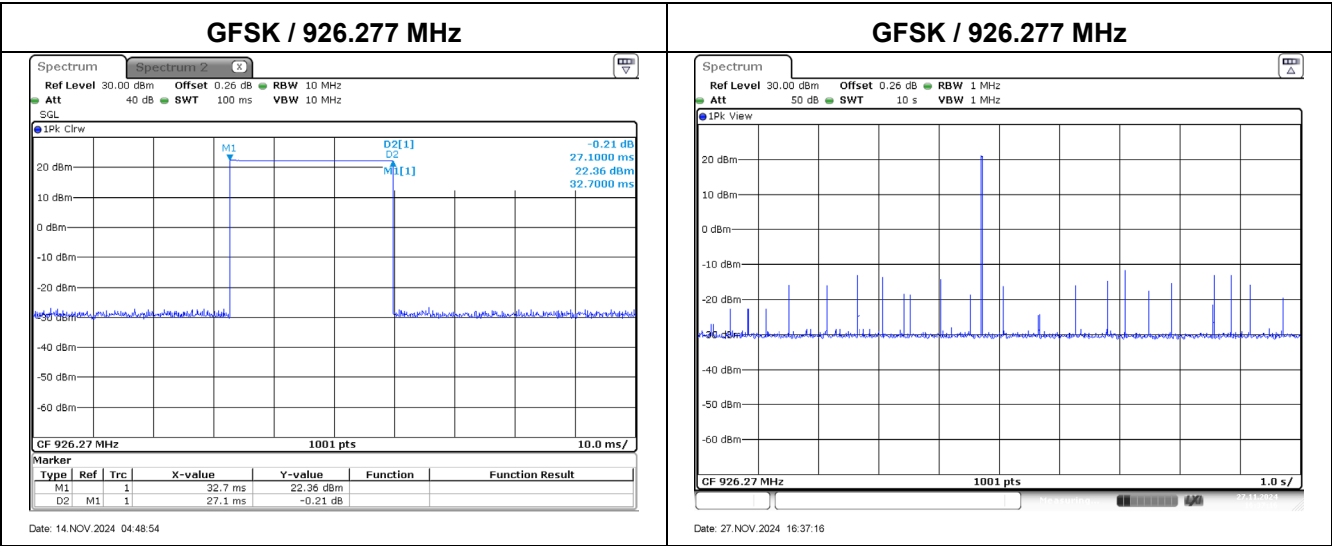


Appendix F. Test Result of Dwell Time

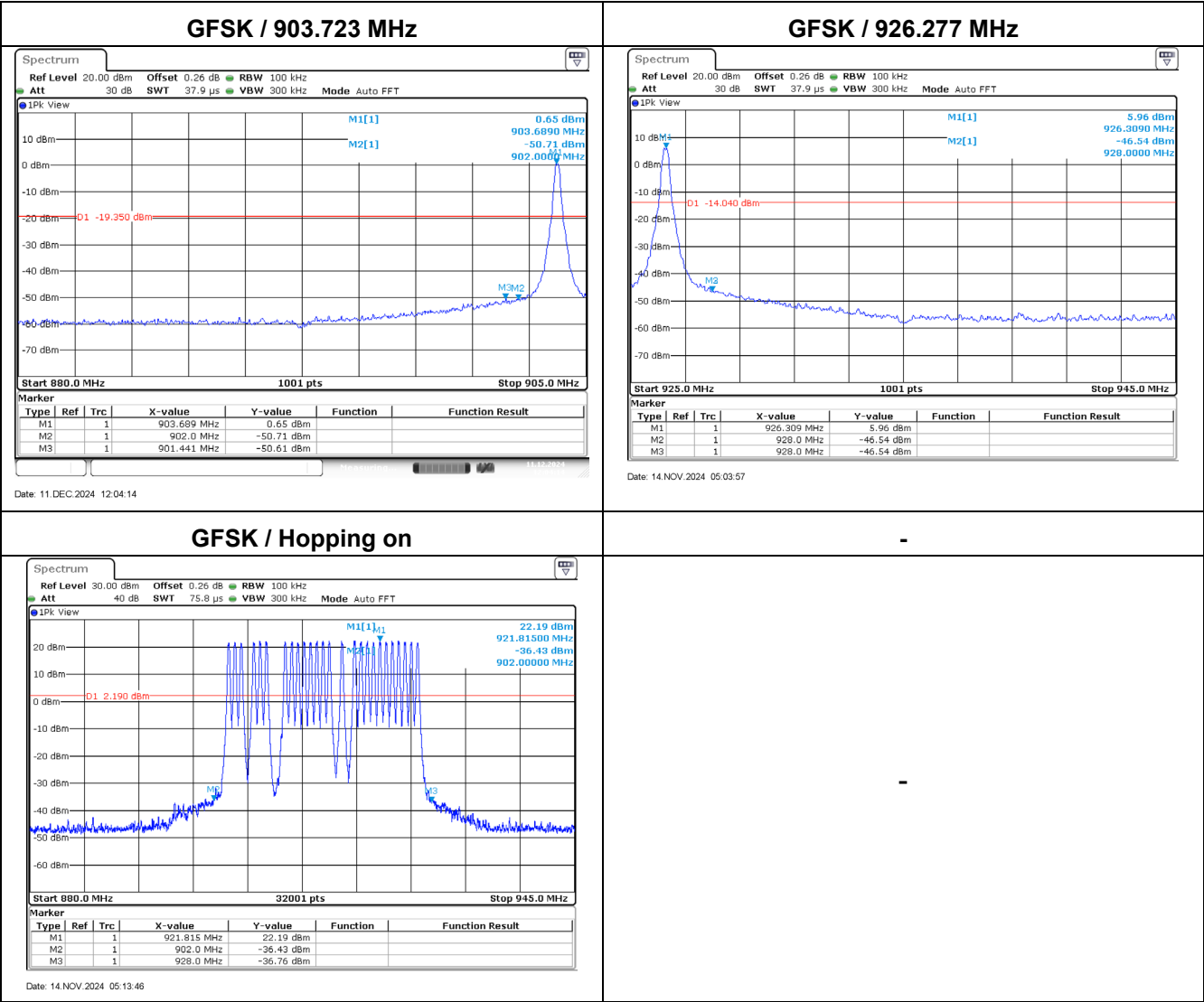
Modulation	Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)
GFSK	903.723	27.100	1	10000	27.100	400
	915.000	27.200	1	10000	27.200	400
	926.277	27.100	1	10000	27.100	400

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



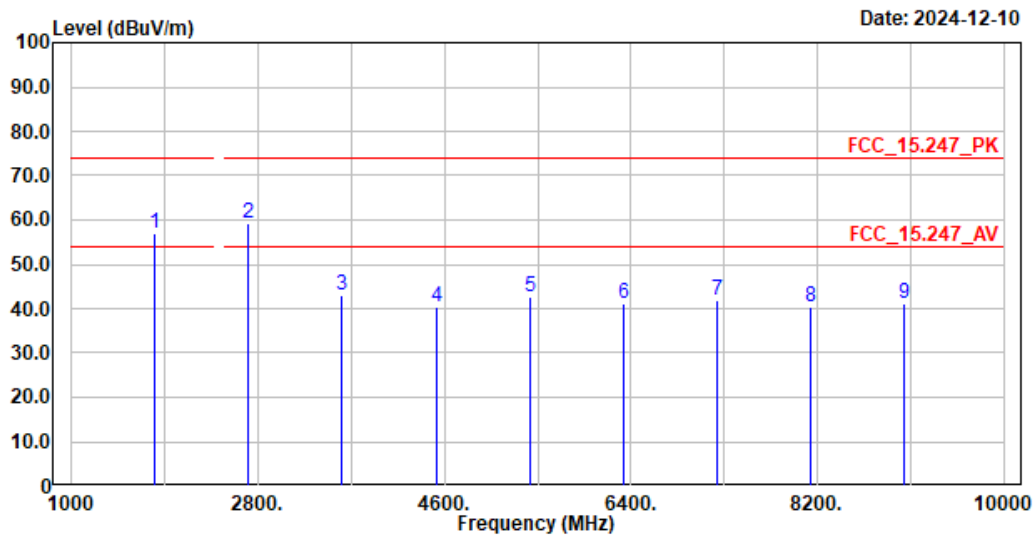


Appendix G. Test Result of Antenna Port Conducted Emission



Appendix H. Test Result of Radiated Emission

Site :HY-CB02
 Condition :3m ,HORIZONTAL
 Mode :TX_RFID_903.723MHz
 TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1807.446	56.89	74.00	-17.11	72.69	-15.80	Peak
2	2711.169	59.34	74.00	-14.66	71.92	-12.58	Peak
3	3614.892	42.92	74.00	-31.08	53.40	-10.48	Peak
4	4518.615	40.56	74.00	-33.44	48.49	-7.93	Peak
5	5422.338	42.77	74.00	-31.23	49.48	-6.71	Peak
6	6326.061	41.27	74.00	-32.73	44.31	-3.04	Peak
7	7229.784	41.98	74.00	-32.02	42.66	-0.68	Peak
8	8133.507	40.32	74.00	-33.68	40.49	-0.17	Peak
9	9037.230	40.97	74.00	-33.03	39.62	1.35	Peak

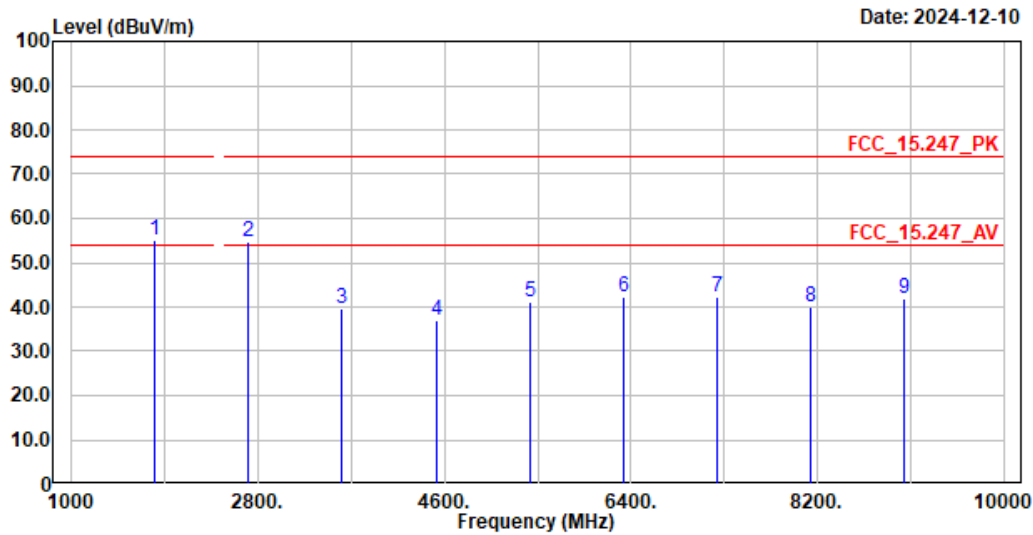
Note:

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
1807.446	56.89	-11.341	45.549	-8.451	54.000
2711.169	59.34	-11.341	47.999	-6.001	54.000

Site :HY-CB02
Condition :3m ,VERTICAL
Mode :TX_RFID_903.723MHz
TEST BY :Caster



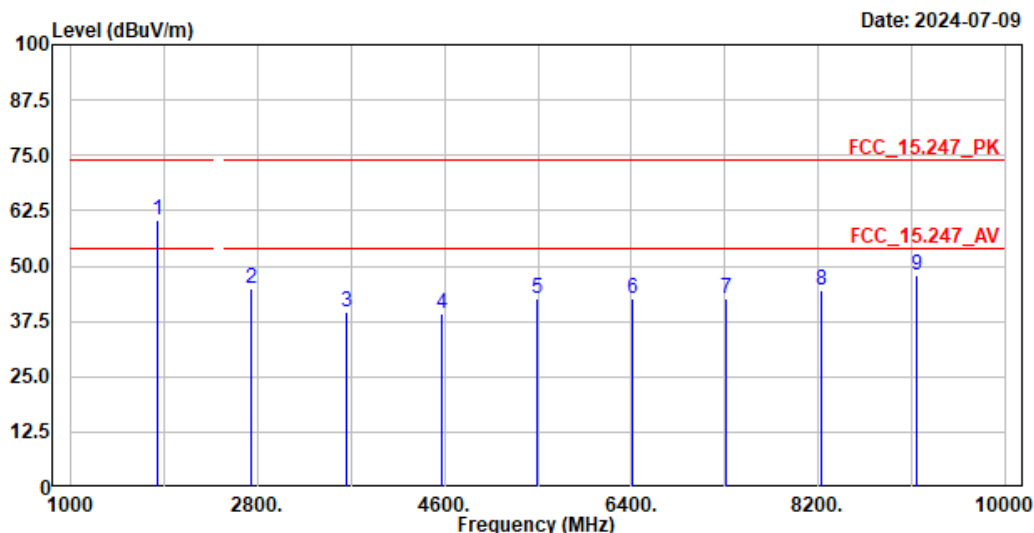
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1807.446	55.28	74.00	-18.72	71.08	-15.80	Peak
2	2711.169	54.90	74.00	-19.10	67.48	-12.58	Peak
3	3614.892	39.61	74.00	-34.39	50.09	-10.48	Peak
4	4518.615	36.84	74.00	-37.16	44.77	-7.93	Peak
5	5422.338	41.16	74.00	-32.84	47.87	-6.71	Peak
6	6326.061	42.30	74.00	-31.70	45.34	-3.04	Peak
7	7229.784	42.39	74.00	-31.61	43.07	-0.68	Peak
8	8133.507	39.99	74.00	-34.01	40.16	-0.17	Peak
9	9037.230	41.78	74.00	-32.22	40.43	1.35	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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
1807.446	55.28	-11.341	43.939	-10.061	54.000
2711.169	54.90	-11.341	43.559	-10.441	54.000

Site :HY-CB01
 Condition :3m ,HORIZONTAL
 Mode :TX_RFID_915MHz
 TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1830.000	60.28	74.00	-13.72	83.04	-22.76	Peak
2	2745.000	45.07	74.00	-28.93	64.29	-19.22	Peak
3	3660.000	39.57	74.00	-34.43	56.65	-17.08	Peak
4	4575.000	39.11	74.00	-34.89	54.19	-15.08	Peak
5	5490.000	42.73	74.00	-31.27	56.95	-14.22	Peak
6	6405.000	42.57	74.00	-31.43	54.10	-11.53	Peak
7	7320.000	42.48	74.00	-31.52	52.90	-10.42	Peak
8	8235.000	44.61	74.00	-29.39	53.90	-9.29	Peak
9	9150.000	47.93	74.00	-26.07	54.21	-6.28	Peak

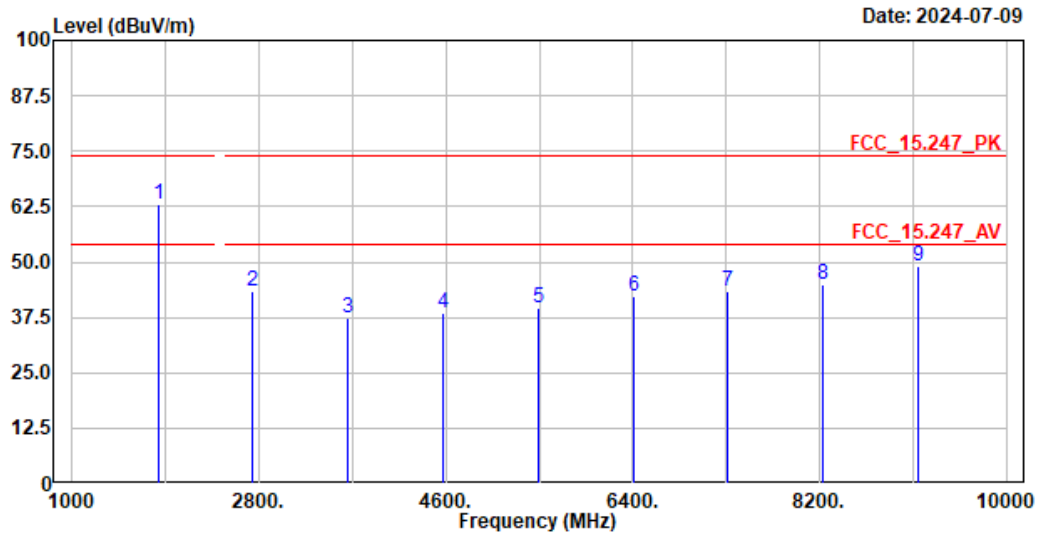
Note:

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
1830	60.28	-11.341	48.939	-5.061	54.000

Site :HY-CB01
 Condition :3m ,VERTICAL
 Mode :TX_RFID_915MHz
 TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1830.000	63.18	74.00	-10.82	85.94	-22.76	Peak
2	2745.000	43.43	74.00	-30.57	62.65	-19.22	Peak
3	3660.000	37.26	74.00	-36.74	54.34	-17.08	Peak
4	4575.000	38.39	74.00	-35.61	53.47	-15.08	Peak
5	5490.000	39.74	74.00	-34.26	53.96	-14.22	Peak
6	6405.000	42.42	74.00	-31.58	53.95	-11.53	Peak
7	7320.000	43.32	74.00	-30.68	53.74	-10.42	Peak
8	8235.000	45.07	74.00	-28.93	54.36	-9.29	Peak
9	9150.000	48.87	74.00	-25.13	55.15	-6.28	Peak

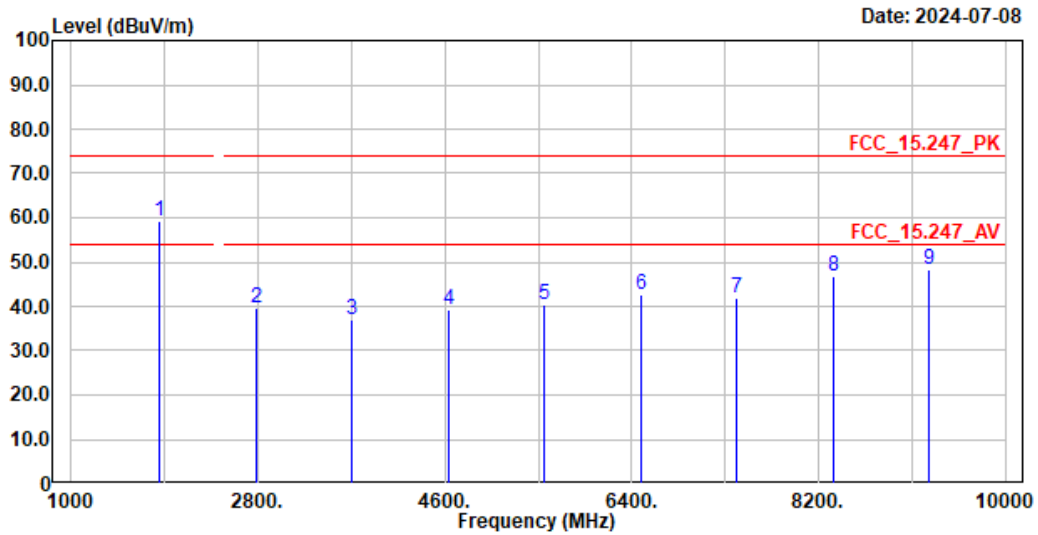
Note:

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.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
1830	63.18	-11.341	51.839	-2.161	54.000

Site :HY-CB01
 Condition :3m ,HORIZONTAL
 Mode :TX_RFID_926.277MHz
 TEST BY :Caster



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1852.554	59.20	74.00	-14.80	81.77	-22.57	Peak
2	2778.831	39.50	74.00	-34.50	58.51	-19.01	Peak
3	3705.108	36.86	74.00	-37.14	53.71	-16.85	Peak
4	4631.385	39.25	74.00	-34.75	54.21	-14.96	Peak
5	5557.662	40.25	74.00	-33.75	54.47	-14.22	Peak
6	6483.939	42.60	74.00	-31.40	53.99	-11.39	Peak
7	7410.216	41.78	74.00	-32.22	52.25	-10.47	Peak
8	8336.493	46.66	74.00	-27.34	55.00	-8.34	Peak
9	9262.770	48.12	74.00	-25.88	54.60	-6.48	Peak

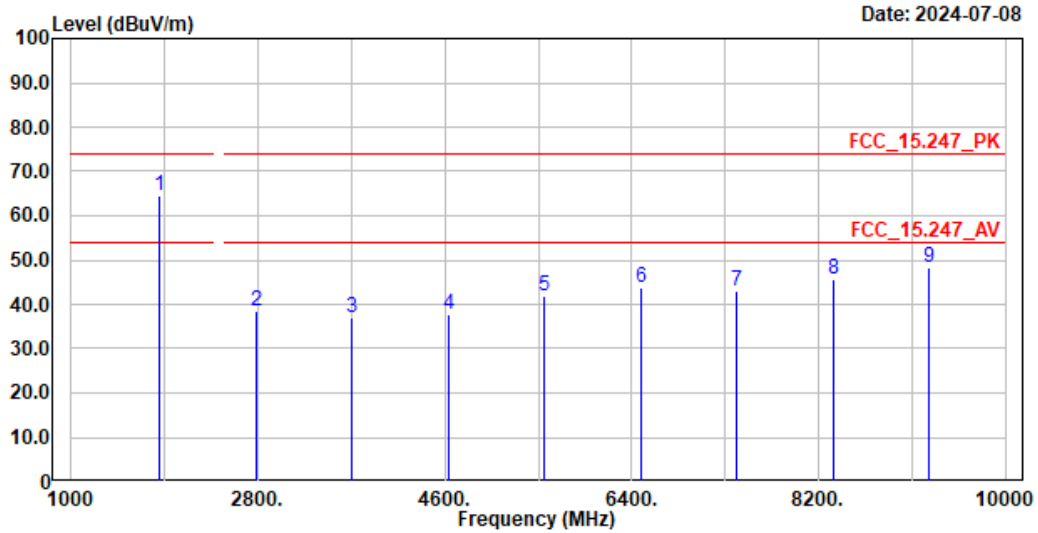
Note:

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.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Measurement Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)
1852.554	59.20	-11.341	47.859	-6.141	54.000

Site :HY-CB01
 Condition :3m ,VERTICAL
 Mode :TX_RFID_926.277MHz
 TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	1852.554	64.42	74.00	-9.58	86.99	-22.57	Peak
2	2778.831	38.51	74.00	-35.49	57.52	-19.01	Peak
3	3705.108	36.96	74.00	-37.04	53.81	-16.85	Peak
4	4631.385	37.67	74.00	-36.33	52.63	-14.96	Peak
5	5557.662	42.05	74.00	-31.95	56.27	-14.22	Peak
6	6483.939	43.84	74.00	-30.16	55.23	-11.39	Peak
7	7410.216	42.87	74.00	-31.13	53.34	-10.47	Peak
8	8336.493	45.64	74.00	-28.36	53.98	-8.34	Peak
9	9262.770	48.43	74.00	-25.57	54.91	-6.48	Peak

Note:

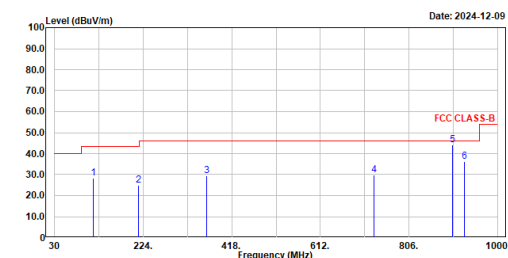
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
1852.554	64.42	-11.341	53.079	-0.921	54.000

USB Port 1

Site :HY-CB02
Condition :3m ,HORIZONTAL
Mode :TX_RFID_903.723MHz
TEST BY :Caster

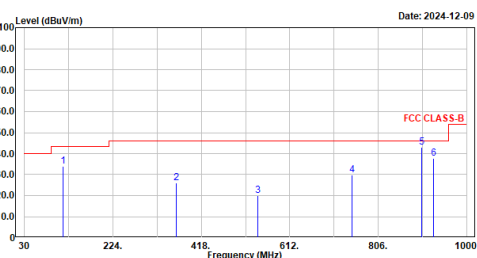


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	114.390	28.45	43.50	-15.05	54.99	-26.54	QP
2	213.330	24.80	43.50	-18.70	51.09	-26.29	QP
3	363.680	29.35	46.00	-16.65	50.88	-21.53	QP
4	729.370	29.71	46.00	-16.29	42.93	-13.22	QP
5	902.000	44.18	46.00	-1.82	55.41	-11.23	QP
6	928.000	36.25	46.00	-9.75	46.93	-10.68	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 :TX_RFID_903.723MHz
TEST BY :Caster



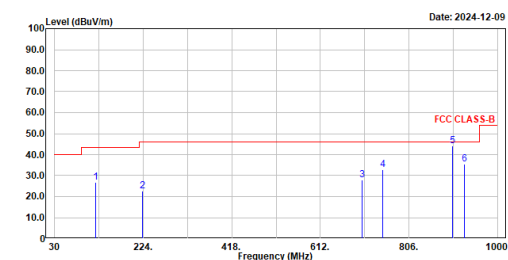
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	114.390	33.96	43.50	-9.54	60.50	-26.54	QP
2	363.680	26.04	46.00	-19.96	47.57	-21.53	QP
3	542.160	19.84	46.00	-26.16	37.08	-17.24	QP
4	747.800	29.96	46.00	-16.04	42.99	-13.03	QP
5	902.000	42.90	46.00	-3.10	54.13	-11.23	QP
6	928.220	37.56	46.00	-8.44	48.24	-10.68	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.

USB Port 2

Site :HY-CB02
Condition :3m ,HORIZONTAL
Mode :TX_RFID_903.723MHz
TEST BY :Caster

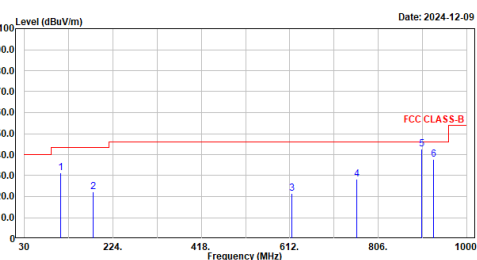


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	119.240	26.93	43.50	-16.57	53.14	-26.21	QP
2	223.030	22.59	46.00	-23.41	48.77	-26.18	QP
3	703.180	27.97	46.00	-18.03	41.83	-13.86	QP
4	747.800	32.79	46.00	-13.21	45.82	-13.03	QP
5	902.000	44.05	46.00	-1.95	55.28	-11.23	QP
6	928.000	35.62	46.00	-10.38	46.30	-10.68	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 :TX_RFID_903.723MHz
TEST BY :Caster



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	109.540	31.39	43.50	-12.11	58.28	-26.89	QP
2	180.350	22.29	43.50	-21.21	47.67	-25.38	QP
3	615.880	21.57	46.00	-24.43	36.87	-15.30	QP
4	758.470	28.21	46.00	-17.79	41.10	-12.89	QP
5	902.000	42.81	46.00	-3.19	54.04	-11.23	QP
6	928.220	37.59	46.00	-8.41	48.27	-10.68	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.