

	Radiated Emission Test Record	No.:	TR4-01
		Version:	2023.08.15

Work Number	P-CC26060557		
Test Standards	47 CFR Part 15 Subpart B		
EUT Name	Portable Data Collection Terminal	Remark	N.A
Lab Name	Shenzhen BALUN Technology Co., Ltd.		
Lab Address	1/F, Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong Province, P. R. China		

Equipment Information						
Equipment Name	Supplier	Model	Serial No.	Cal. Date	Cal. Due	Use
Frequency Below 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.12.26	2026.12.25	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	01414	2023.11.03	2026.11.02	☒
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☒
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒
Frequency Above 1 GHz						
EMI Receiver	Keysight	N9038A	MY55330121	2025.12.26	2026.12.25	☐
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02459	2023.10.26	2026.10.25	☐
Anechoic Chamber	EMC Electronic Co., Ltd	C8-966	107	2024.05.12	2027.05.11	☐
Description	Supplier	Name	Version	/		Use
Test Software	BALUN	BL410-E	V22.4 en	/		☒

Test Data:

Worst Mode: Mode 23

1) Test Antenna Vertical, 30 MHz – 1 GHz

Project Number: P-CC26060557

Test Time: 2026-07-10_19.34.50

EUT Name: Portable Data Collection

Temp.(°C): 22.4

Terminal

Model Number: CRUISE3

Humidity (%RH): 52

Sample Number: S02

Pressure(kPa): 100.0

Test Standard: 47 CFR Part 15 Subpart B

Work Mode: The USB Test Mode(TF Card To Laptop)

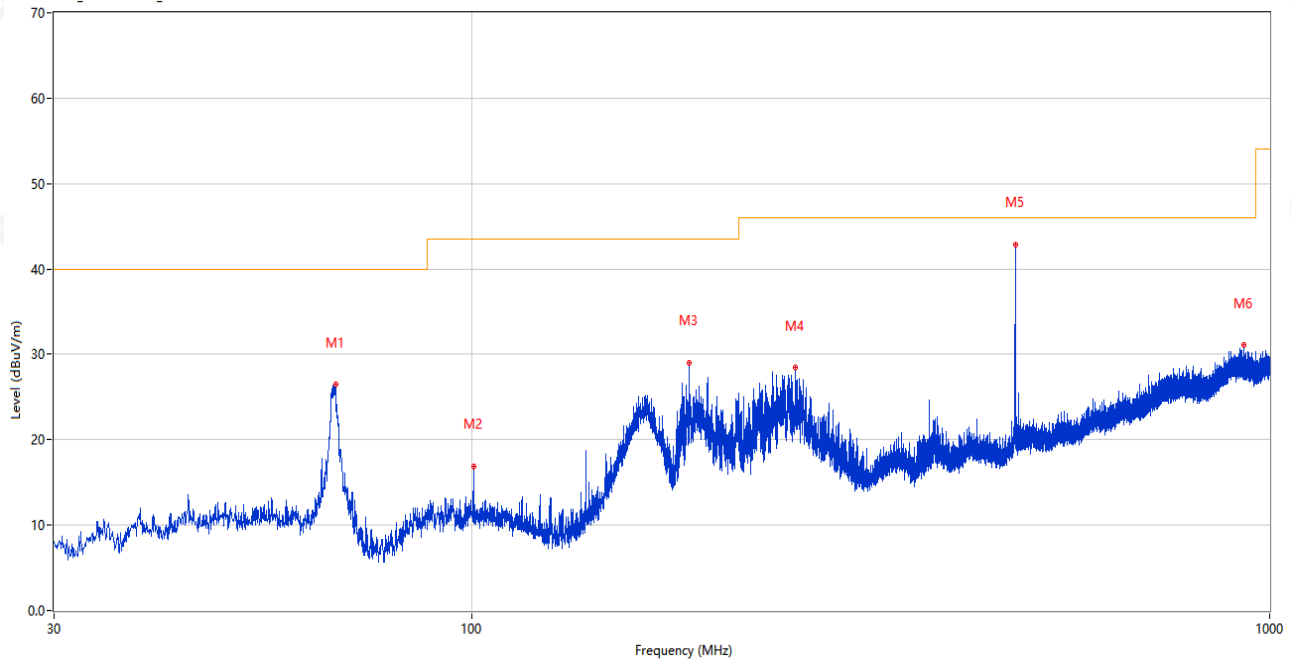
Test Site: 3m-1

Remark1: Laptop+USB Cable-A10

Test Engineer: Ye Guangqi

Remark2: N.A

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.636	26.43	-28.10	40.0	13.57	Peak	224.00	100	Vertical	Pass
2	100.567	16.89	-25.73	43.5	26.61	Peak	146.00	200	Vertical	Pass
3	187.383	29.04	-26.70	43.5	14.46	Peak	193.00	200	Vertical	Pass
4	254.798	28.41	-24.54	46.0	17.59	Peak	360.00	200	Vertical	Pass
5	479.983	42.82	-18.69	46.0	3.18	Peak	170.00	100	Vertical	Pass
6	928.996	31.05	-8.67	46.0	14.95	Peak	308.00	100	Vertical	Pass

Test Antenna Horizontal, 30 MHz – 1 GHz

Project Number: P-CC26060557

Test Time: 2026-07-10_19.31.06

EUT Name: Portable Data Collection Temp.(°C): 22.4

Terminal

Model Number: CRUISE3 Humidity (%RH): 52

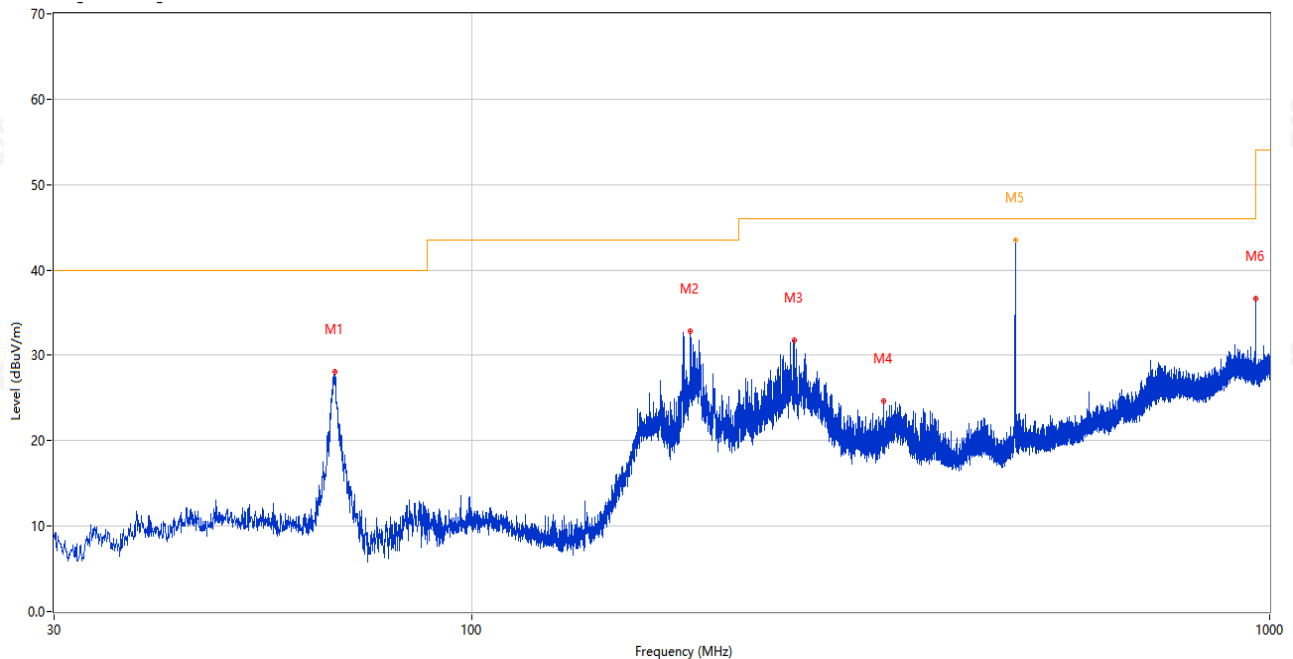
Sample Number: S02 Pressure(kPa): 100.0

Test Standard: 47 CFR Part 15 Subpart B Work Mode: The USB Test Mode(TF Card To Laptop)

Test Site: 3m-1 Remark1: Laptop+USB Cable-A10

Test Engineer: Ye Guangqi Remark2: N.A

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



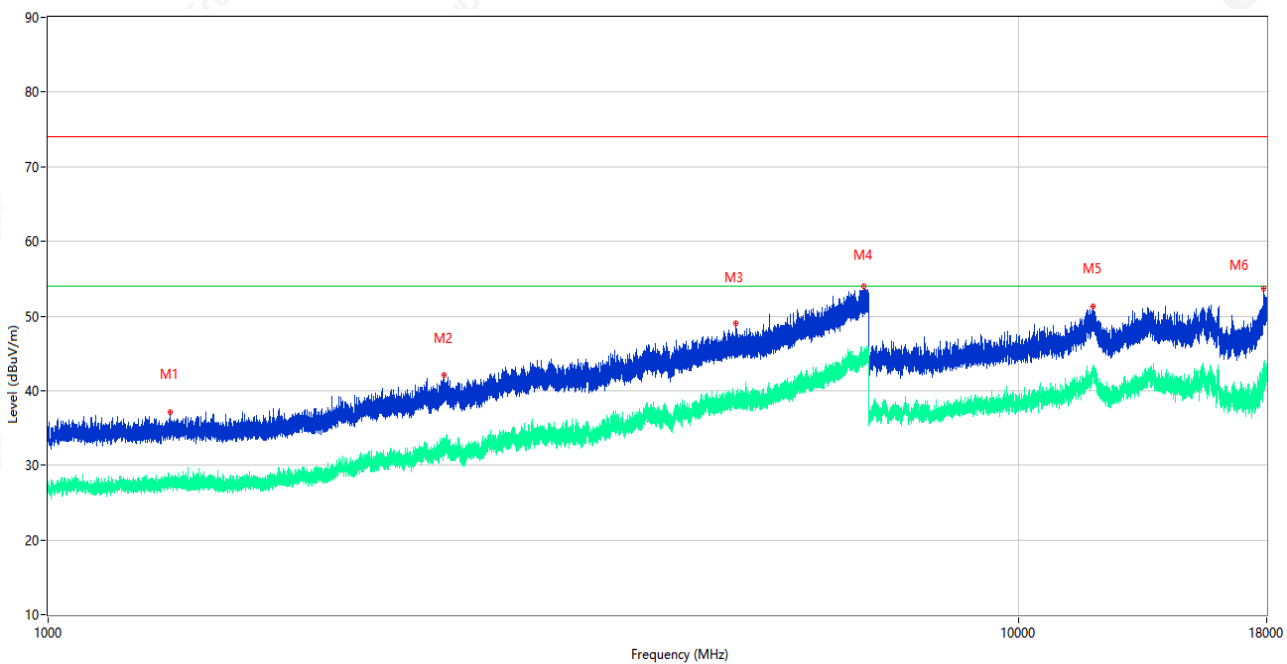
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.491	28.06	-28.05	40.0	11.94	Peak	121.00	200	Horizontal	Pass
2	188.013	32.77	-26.58	43.5	10.73	Peak	268.00	200	Horizontal	Pass
3	254.070	31.74	-24.25	46.0	14.26	Peak	243.00	100	Horizontal	Pass
4	328.566	24.60	-22.65	46.0	21.40	Peak	69.00	100	Horizontal	Pass
5	479.999	44.69	-18.69	46.0	1.31	Peak	150.00	101	Horizontal	N/A
5*	479.999	43.46	-18.69	46.0	2.54	QP	150.00	101	Horizontal	Pass
6	959.987	36.64	-9.14	46.0	9.36	Peak	282.00	100	Horizontal	Pass

2) Test Antenna Horizontal, 1 GHz – 18 GHz

Project Number: P-CC26060557

Test Time: 2026-07-08_11.29.09

EUT Name:	Portable Data Collection	Temp.(°C):	22.4
	Terminal		
Model Number:	CRUISE3	Humidity (%RH):	52
Sample Number:	S02	Pressure(kPa):	100.0
Test Standard:	47 CFR Part 15 Subpart B	Work Mode:	The USB Test Mode(TF Card To Laptop)
Test Site:	3m-1	Remark1:	Laptop+USB Cable-A10
Test Engineer:	Ye Guangqi	Remark2:	N.A



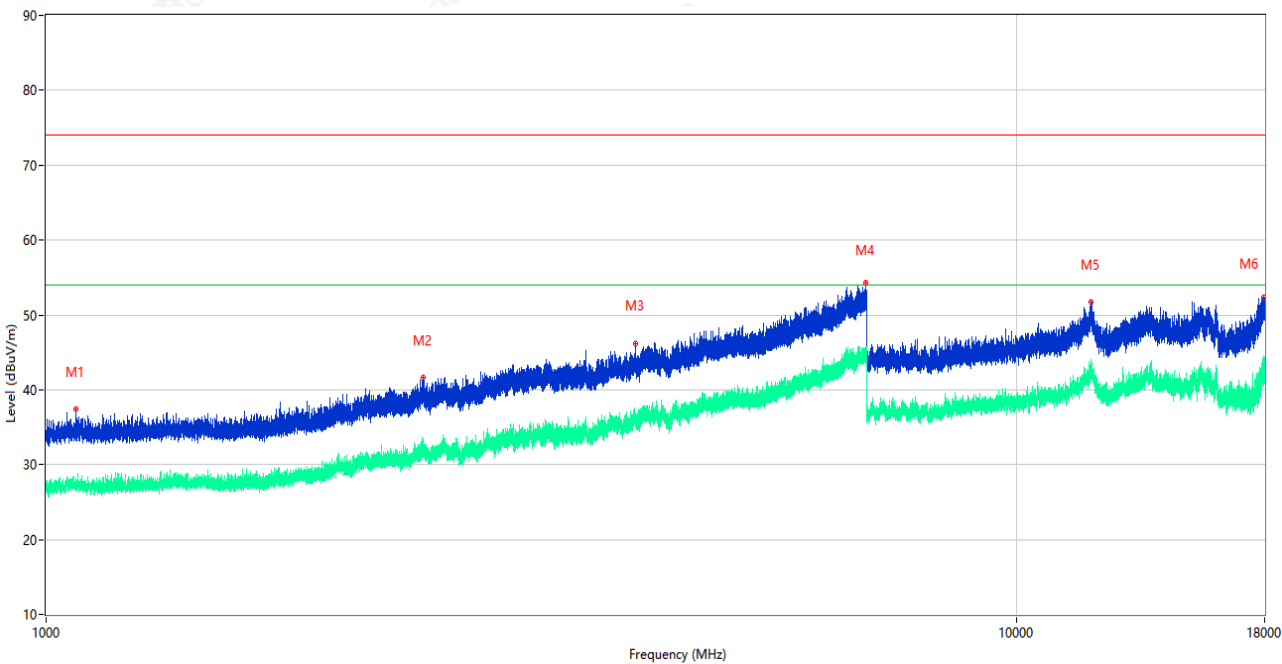
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.140	37.12	-17.78	74.0	36.88	Peak	305.00	100	Vertical	Pass
1**	1335.140	27.09	-17.78	54.0	26.91	AV	305.00	100	Vertical	Pass
2	2556.620	42.08	-12.48	74.0	31.92	Peak	250.00	100	Vertical	Pass
2**	2556.620	32.27	-12.48	54.0	21.73	AV	250.00	100	Vertical	Pass
3	5111.130	49.09	-4.39	74.0	24.91	Peak	137.00	100	Vertical	Pass
3**	5111.130	38.69	-4.39	54.0	15.31	AV	137.00	100	Vertical	Pass
4	6924.690	53.98	0.68	74.0	20.02	Peak	114.00	100	Vertical	Pass
4**	6924.690	44.77	0.68	54.0	9.23	AV	114.00	100	Vertical	Pass
5	11928.001	51.34	6.03	74.0	22.66	Peak	86.00	100	Vertical	Pass
5**	11928.001	41.89	6.03	54.0	12.11	AV	86.00	100	Vertical	Pass
6	17872.949	53.64	9.58	74.0	20.36	Peak	360.00	100	Vertical	Pass
6**	17872.949	41.32	9.58	54.0	12.68	AV	360.00	100	Vertical	Pass

3) Test Antenna Horizontal, 1 GHz – 18 GHz

Project Number: P-CC26060557

Test Time: 2026-07-08_11.36.44

EUT Name:	Portable Data Collection	Temp.(°C):	22.4
	Terminal		
Model Number:	CRUISE3	Humidity (%RH):	52
Sample Number:	S02	Pressure(kPa):	100.0
Test Standard:	47 CFR Part 15 Subpart B	Work Mode:	The USB Test Mode(TF Card To Laptop)
Test Site:	3m-1	Remark1:	Laptop+USB Cable-A10
Test Engineer:	Ye Guangqi	Remark2:	N.A



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1074.100	37.41	-17.59	74.0	36.59	Peak	190.00	100	Horizontal	Pass
1**	1074.100	27.87	-17.59	54.0	26.13	AV	190.00	100	Horizontal	Pass
2	2445.860	41.59	-13.32	74.0	32.41	Peak	180.00	100	Horizontal	Pass
2**	2445.860	31.70	-13.32	54.0	22.30	AV	180.00	100	Horizontal	Pass
3	4044.380	46.21	-5.91	74.0	27.79	Peak	360.00	100	Horizontal	Pass
3**	4044.380	36.02	-5.91	54.0	17.98	AV	360.00	100	Horizontal	Pass
4	6988.270	54.22	0.82	74.0	19.78	Peak	237.00	100	Horizontal	Pass
4**	6988.270	44.72	0.82	54.0	9.28	AV	237.00	100	Horizontal	Pass
5	11928.001	51.72	6.03	74.0	22.28	Peak	87.00	100	Horizontal	Pass
5**	11928.001	41.83	6.03	54.0	12.17	AV	87.00	100	Horizontal	Pass
6	17936.751	52.40	10.32	74.0	21.60	Peak	115.00	100	Horizontal	Pass
6**	17936.751	41.29	10.32	54.0	12.71	AV	115.00	100	Horizontal	Pass

	Radiated Emission Test Record	No.:	TR4-01
		Version:	2023.08.15

Test Engineer Ye Guangqi Checked By/Date Zhang Guoxi 2026.07.24

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