

Main Antenna:

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.20.46

EUT Name: Intelligent Mobile Data Capture Temp.(°C): 23.9

Terminal

Model Number: Ranger 3 Humidity (%RH): 49

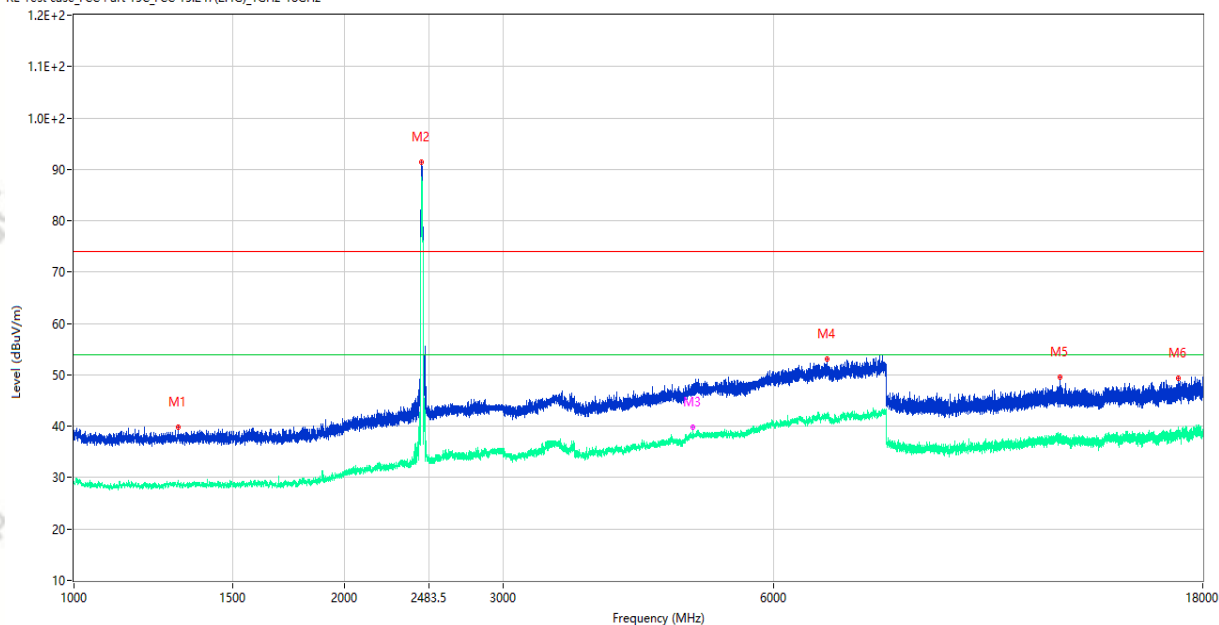
Sample Number: SC-SH25C0065-S03 Pressure(kPa): 101

Test Standard: 47 CFR Part 15C Work Mode: 2.4G WIFI 11b CH6 P=14

Test Site: 966#2 Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu Remark: 实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1305.000	39.88	-15.59	74.0	34.12	Peak	162.00	150	Vertical	Pass
1**	1305.000	28.75	-15.59	54.0	25.25	AV	162.00	150	Vertical	Pass
2	2435.500	91.37	-12.31	74.0	-17.37	Peak	90.00	150	Vertical	N/A
2**	2435.500	88.30	-12.31	54.0	-34.30	AV	90.00	150	Vertical	N/A
3	4874.500	46.97	-2.25	74.0	27.03	Peak	0.00	150	Vertical	Pass
3**	4874.500	39.89	-2.25	54.0	14.11	AV	0.00	150	Vertical	Pass
4	6873.500	53.05	0.71	74.0	20.95	Peak	289.00	150	Vertical	Pass
4**	6873.500	42.49	0.71	54.0	11.51	AV	289.00	150	Vertical	Pass
5	12490.000	49.52	-2.55	74.0	24.48	Peak	118.00	150	Vertical	Pass
5**	12490.000	37.72	-2.55	54.0	16.28	AV	118.00	150	Vertical	Pass
6	16898.000	49.28	-0.76	74.0	24.72	Peak	0.00	150	Vertical	Pass
6**	16898.000	39.25	-0.76	54.0	14.75	AV	0.00	150	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.24.55

EUT Name: Intelligent Mobile Data Capture
Terminal

Temp.(°C): 23.9

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11b CH6 P=14

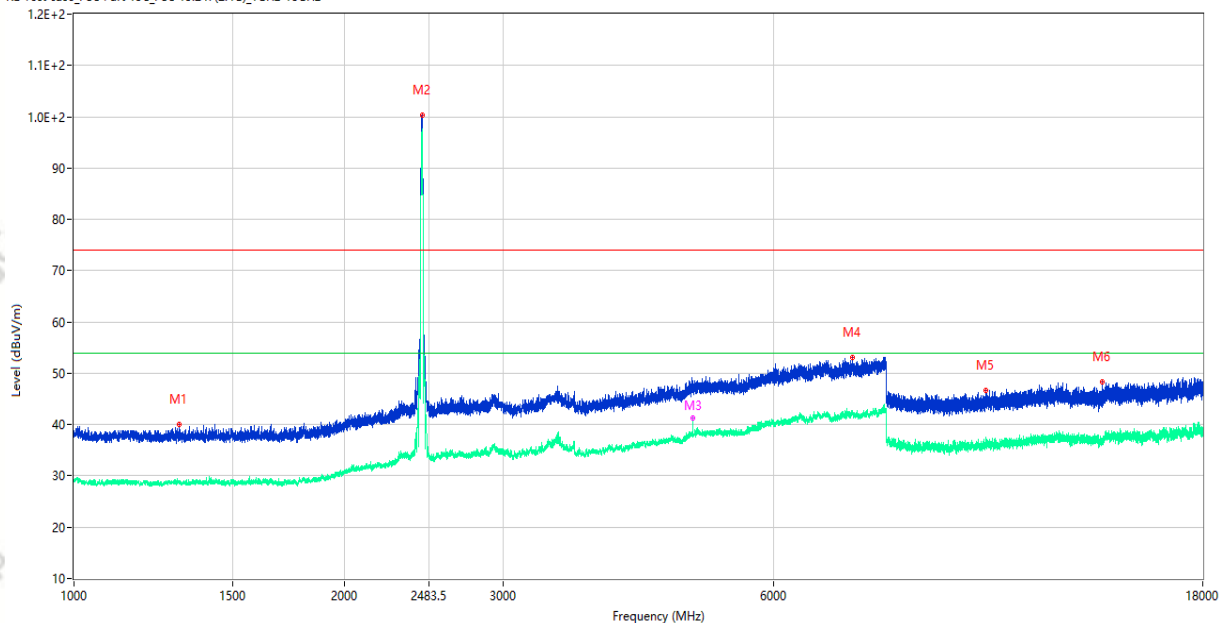
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1310.250	40.13	-15.73	74.0	33.87	Peak	180.00	150	Horizontal	Pass
1**	1310.250	28.62	-15.73	54.0	25.38	AV	180.00	150	Horizontal	Pass
2	2438.250	100.40	-12.38	74.0	-26.40	Peak	249.00	150	Horizontal	N/A
2**	2438.250	97.53	-12.38	54.0	-43.53	AV	249.00	150	Horizontal	N/A
3	4874.500	46.98	-2.25	74.0	27.02	Peak	360.00	150	Horizontal	Pass
3**	4874.500	41.28	-2.25	54.0	12.72	AV	360.00	150	Horizontal	Pass
4	7340.000	53.01	1.16	74.0	20.99	Peak	84.00	150	Horizontal	Pass
4**	7340.000	42.20	1.16	54.0	11.80	AV	84.00	150	Horizontal	Pass
5	10326.500	46.66	-3.29	74.0	27.34	Peak	97.00	150	Horizontal	Pass
5**	10326.500	36.24	-3.29	54.0	17.76	AV	97.00	150	Horizontal	Pass
6	13914.500	48.28	-2.50	74.0	25.72	Peak	97.00	150	Horizontal	Pass
6**	13914.500	36.87	-2.50	54.0	17.13	AV	97.00	150	Horizontal	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.05.36

EUT Name: Intelligent Mobile Data Capture
Terminal

Temp.(°C): 23.9

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11g CH6 P=15

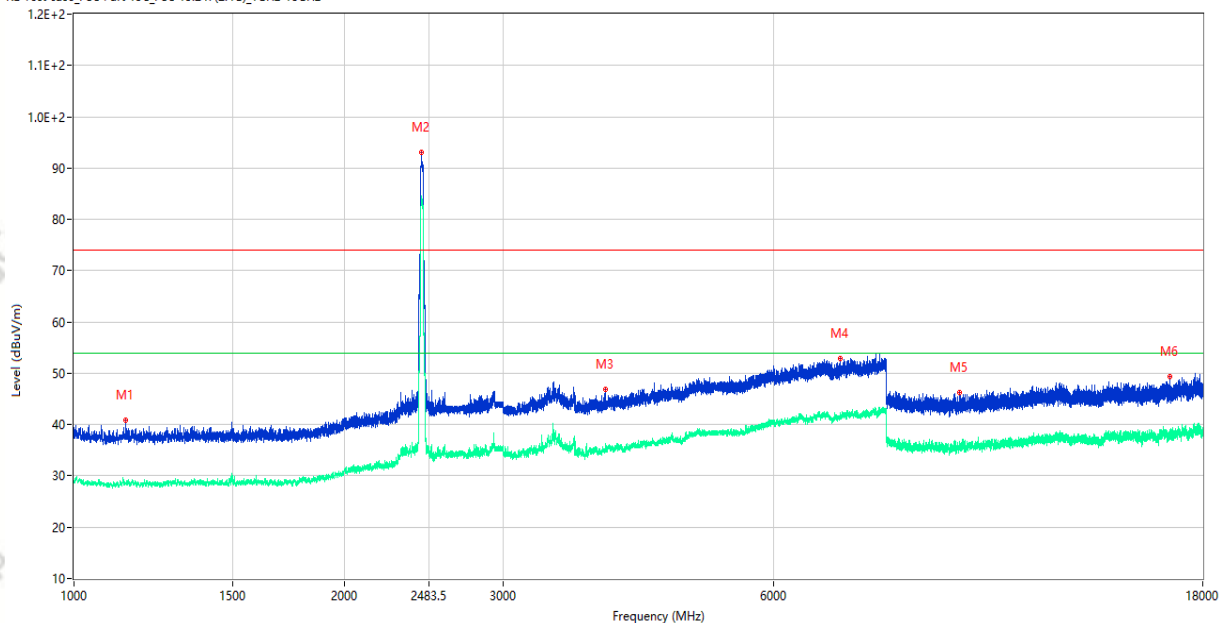
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1141.750	40.81	-15.57	74.0	33.19	Peak	234.00	150	Vertical	Pass
1**	1141.750	28.53	-15.57	54.0	25.47	AV	234.00	150	Vertical	Pass
2	2432.250	93.15	-12.29	74.0	-19.15	Peak	124.00	150	Vertical	N/A
2**	2432.250	82.52	-12.29	54.0	-28.52	AV	124.00	150	Vertical	N/A
3	3902.500	46.83	-4.59	74.0	27.17	Peak	69.00	150	Vertical	Pass
3**	3902.500	35.51	-4.59	54.0	18.49	AV	69.00	150	Vertical	Pass
4	7114.000	52.95	0.10	74.0	21.05	Peak	78.00	150	Vertical	Pass
4**	7114.000	41.35	0.10	54.0	12.65	AV	78.00	150	Vertical	Pass
5	9658.000	46.28	-3.24	74.0	27.72	Peak	119.00	150	Vertical	Pass
5**	9658.000	35.75	-3.24	54.0	18.25	AV	119.00	150	Vertical	Pass
6	16565.000	49.40	-1.08	74.0	24.60	Peak	292.00	150	Vertical	Pass
6**	16565.000	38.79	-1.08	54.0	15.21	AV	292.00	150	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.09.24

EUT Name: Intelligent Mobile Data Capture

Temp.(°C): 23.9

Terminal

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11g CH6 P=15

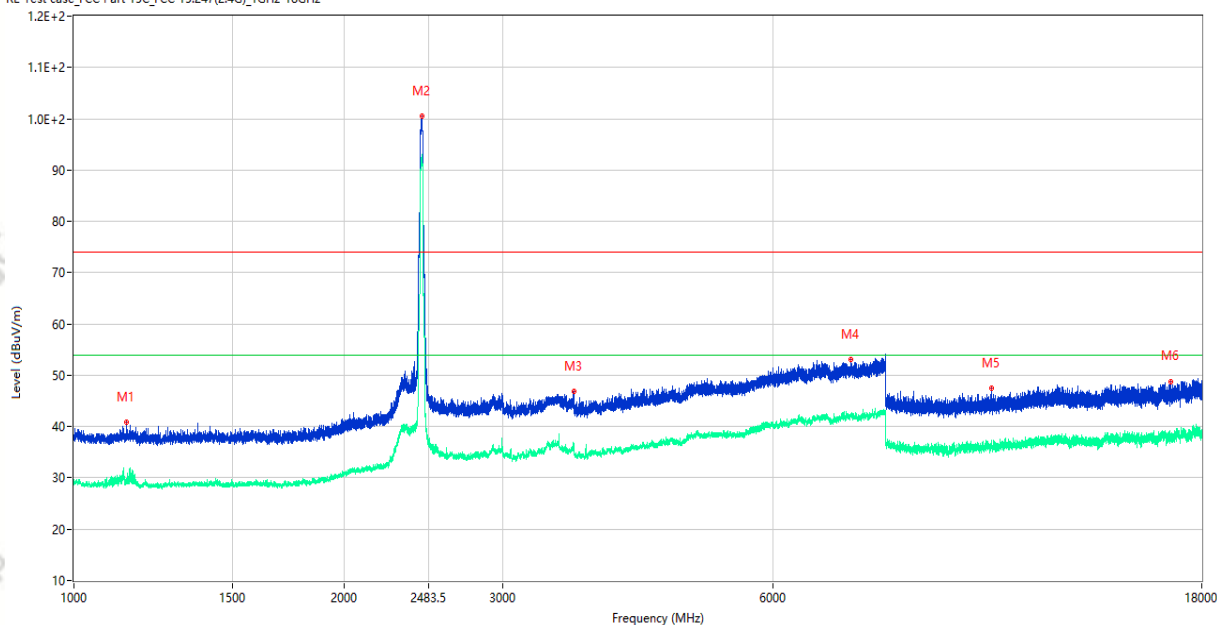
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.250	40.77	-15.60	74.0	33.23	Peak	78.00	150	Horizontal	Pass
1**	1143.250	29.94	-15.60	54.0	24.06	AV	78.00	150	Horizontal	Pass
2	2438.250	100.44	-12.38	74.0	-26.44	Peak	249.00	150	Horizontal	N/A
2**	2438.250	92.76	-12.38	54.0	-38.76	AV	249.00	150	Horizontal	N/A
3	3598.500	46.90	-5.07	74.0	27.10	Peak	7.00	150	Horizontal	Pass
3**	3598.500	36.30	-5.07	54.0	17.70	AV	7.00	150	Horizontal	Pass
4	7316.500	53.02	0.68	74.0	20.98	Peak	58.00	150	Horizontal	Pass
4**	7316.500	41.98	0.68	54.0	12.02	AV	58.00	150	Horizontal	Pass
5	10494.000	47.49	-3.18	74.0	26.51	Peak	242.00	150	Horizontal	Pass
5**	10494.000	36.43	-3.18	54.0	17.57	AV	242.00	150	Horizontal	Pass
6	16622.500	48.84	-1.18	74.0	25.16	Peak	184.00	150	Horizontal	Pass
6**	16622.500	37.67	-1.18	54.0	16.33	AV	184.00	150	Horizontal	Pass

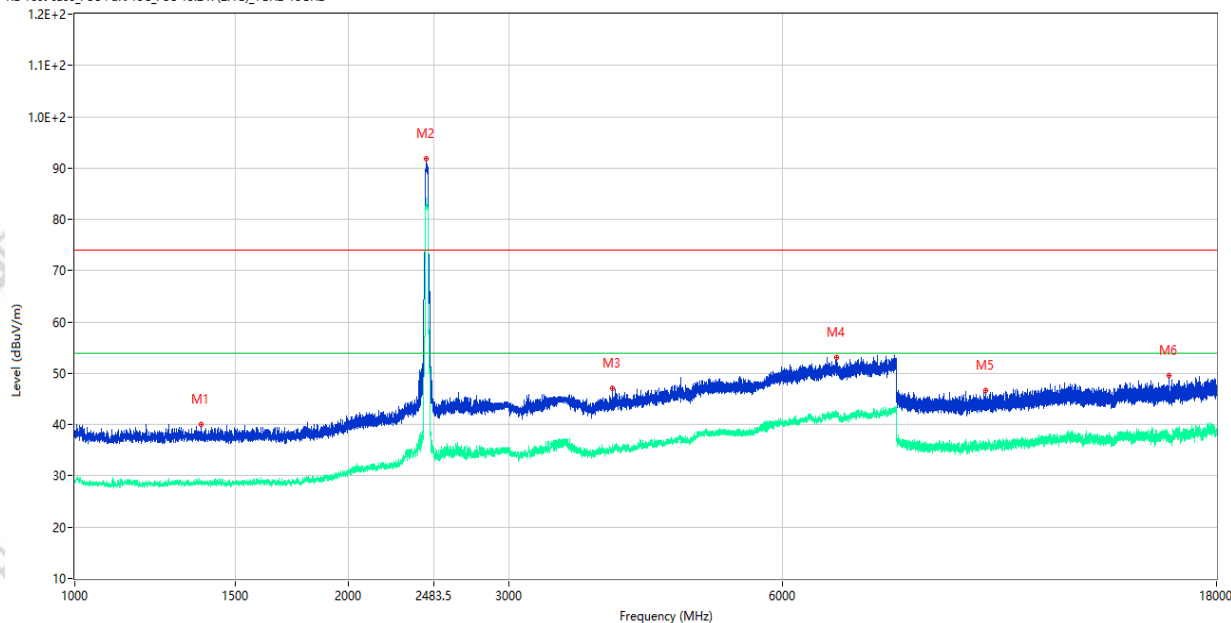
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.39.15

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n20 CH6 P=15
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.000	39.99	-16.00	74.0	34.01	Peak	360.00	150	Vertical	Pass
1**	1377.000	28.61	-16.00	54.0	25.39	AV	360.00	150	Vertical	Pass
2	2434.750	91.73	-12.31	74.0	-17.73	Peak	123.00	150	Vertical	N/A
2**	2434.750	83.90	-12.31	54.0	-29.90	AV	123.00	150	Vertical	N/A
3	3898.500	47.04	-4.66	74.0	26.96	Peak	264.00	150	Vertical	Pass
3**	3898.500	34.68	-4.66	54.0	19.32	AV	264.00	150	Vertical	Pass
4	6874.500	53.04	0.67	74.0	20.96	Peak	348.00	150	Vertical	Pass
4**	6874.500	41.78	0.67	54.0	12.22	AV	348.00	150	Vertical	Pass
5	10042.500	46.64	-3.98	74.0	27.36	Peak	0.00	150	Vertical	Pass
5**	10042.500	35.45	-3.98	54.0	18.55	AV	0.00	150	Vertical	Pass
6	15947.500	49.62	-2.57	74.0	24.38	Peak	119.00	150	Vertical	Pass
6**	15947.500	37.99	-2.57	54.0	16.01	AV	119.00	150	Vertical	Pass

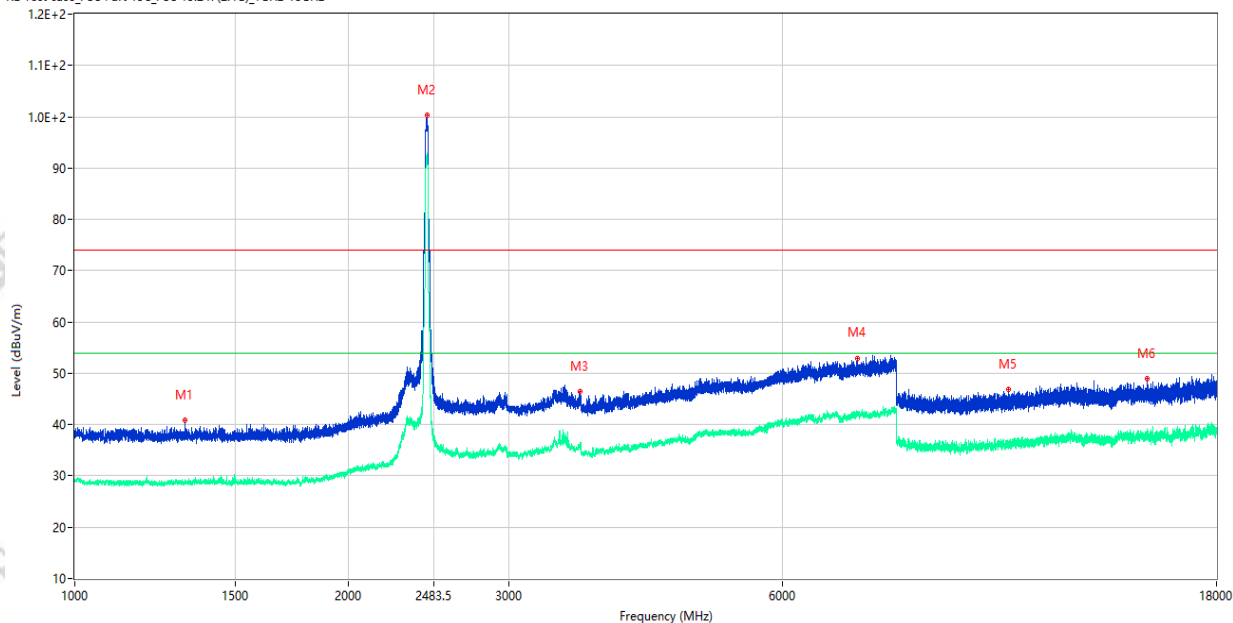
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.47.32

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n20 CH6 P=15
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1323.250	40.77	-15.87	74.0	33.23	Peak	170.00	150	Horizontal	Pass
1**	1323.250	29.14	-15.87	54.0	24.86	AV	170.00	150	Horizontal	Pass
2	2438.750	100.34	-12.37	74.0	-26.34	Peak	249.00	150	Horizontal	N/A
2**	2438.750	92.64	-12.37	54.0	-38.64	AV	249.00	150	Horizontal	N/A
3	3598.000	46.36	-5.09	74.0	27.64	Peak	250.00	150	Horizontal	Pass
3**	3598.000	36.30	-5.09	54.0	17.70	AV	250.00	150	Horizontal	Pass
4	7251.500	52.90	0.90	74.0	21.10	Peak	51.00	150	Horizontal	Pass
4**	7251.500	42.58	0.90	54.0	11.42	AV	51.00	150	Horizontal	Pass
5	10624.000	46.78	-4.05	74.0	27.22	Peak	151.00	150	Horizontal	Pass
5**	10624.000	35.71	-4.05	54.0	18.29	AV	151.00	150	Horizontal	Pass
6	15086.500	48.92	-1.90	74.0	25.08	Peak	360.00	150	Horizontal	Pass
6**	15086.500	37.88	-1.90	54.0	16.12	AV	360.00	150	Horizontal	Pass

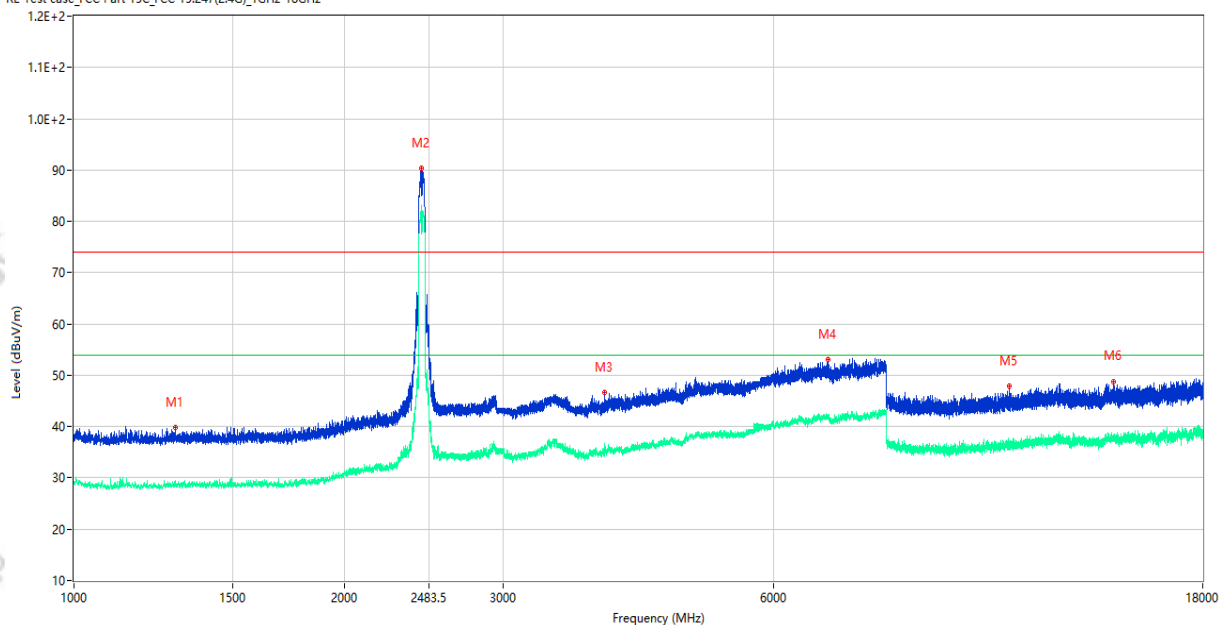
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.01.28

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n40 CH6 P=17
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.500	39.73	-15.68	74.0	34.27	Peak	4.00	150	Vertical	Pass
1**	1296.500	28.89	-15.68	54.0	25.11	AV	4.00	150	Vertical	Pass
2	2433.000	90.42	-12.31	74.0	-16.42	Peak	88.00	150	Vertical	N/A
2**	2433.000	82.66	-12.31	54.0	-28.66	AV	88.00	150	Vertical	N/A
3	3895.000	46.58	-4.80	74.0	27.42	Peak	279.00	150	Vertical	Pass
3**	3895.000	36.68	-4.80	54.0	17.32	AV	279.00	150	Vertical	Pass
4	6890.500	53.06	0.61	74.0	20.94	Peak	150.00	150	Vertical	Pass
4**	6890.500	41.75	0.61	54.0	12.25	AV	150.00	150	Vertical	Pass
5	10971.000	47.92	-3.13	74.0	26.08	Peak	149.00	150	Vertical	Pass
5**	10971.000	36.79	-3.13	54.0	17.21	AV	149.00	150	Vertical	Pass
6	14319.500	48.69	-2.62	74.0	25.31	Peak	1.00	150	Vertical	Pass
6**	14319.500	37.07	-2.62	54.0	16.93	AV	1.00	150	Vertical	Pass

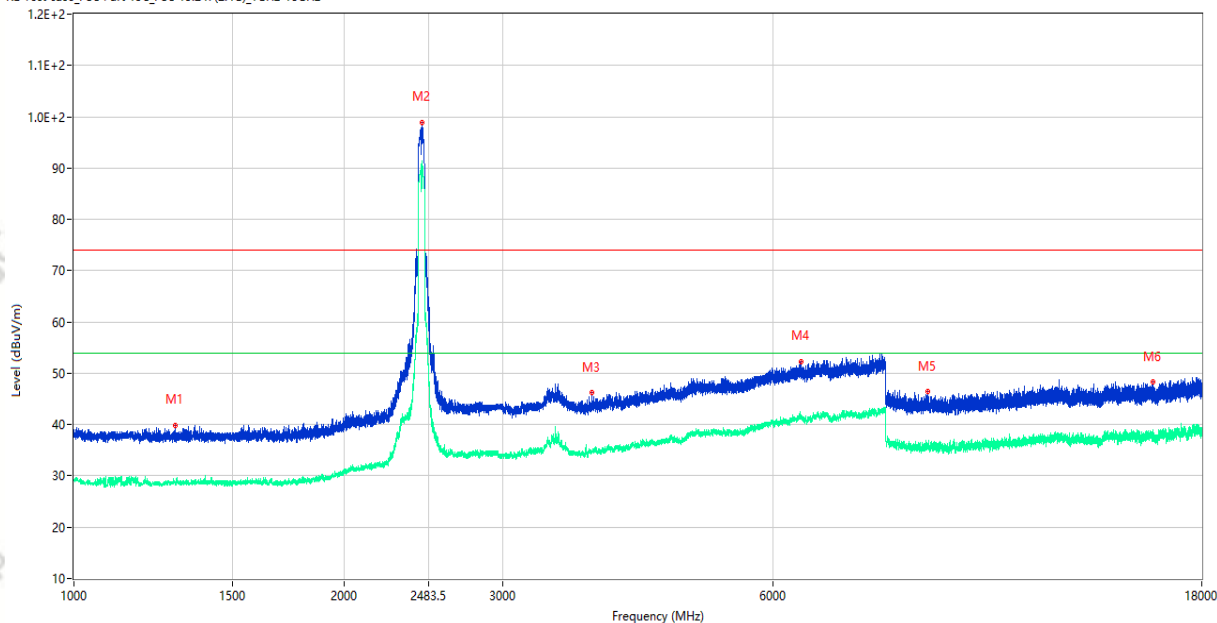
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.06.11

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n40 CH6 P=17
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.000	39.79	-15.68	74.0	34.21	Peak	26.00	150	Horizontal	Pass
1**	1296.000	28.53	-15.68	54.0	25.47	AV	26.00	150	Horizontal	Pass
2	2438.500	98.96	-12.37	74.0	-24.96	Peak	247.00	150	Horizontal	N/A
2**	2438.500	91.17	-12.37	54.0	-37.17	AV	247.00	150	Horizontal	N/A
3	3772.000	46.22	-4.96	74.0	27.78	Peak	211.00	150	Horizontal	Pass
3**	3772.000	34.67	-4.96	54.0	19.33	AV	211.00	150	Horizontal	Pass
4	6452.000	52.29	-0.12	74.0	21.71	Peak	211.00	150	Horizontal	Pass
4**	6452.000	41.82	-0.12	54.0	12.18	AV	211.00	150	Horizontal	Pass
5	8927.500	46.37	-4.44	74.0	27.63	Peak	68.00	150	Horizontal	Pass
5**	8927.500	35.96	-4.44	54.0	18.04	AV	68.00	150	Horizontal	Pass
6	15888.000	48.29	-1.47	74.0	25.71	Peak	68.00	150	Horizontal	Pass
6**	15888.000	37.68	-1.47	54.0	16.32	AV	68.00	150	Horizontal	Pass

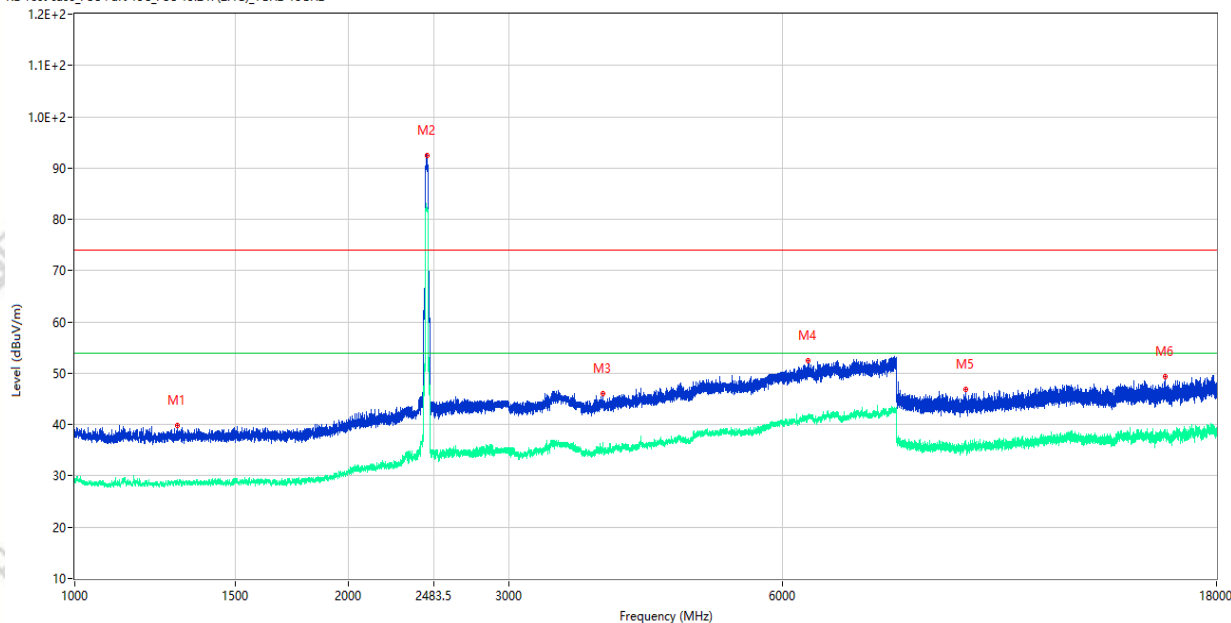
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.29.02

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax20 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.250	39.75	-15.68	74.0	34.25	Peak	3.00	150	Vertical	Pass
1**	1296.250	28.72	-15.68	54.0	25.28	AV	3.00	150	Vertical	Pass
2	2438.250	92.36	-12.38	74.0	-18.36	Peak	142.00	150	Vertical	N/A
2**	2438.250	82.28	-12.38	54.0	-28.28	AV	142.00	150	Vertical	N/A
3	3809.500	46.02	-4.37	74.0	27.98	Peak	58.00	150	Vertical	Pass
3**	3809.500	35.18	-4.37	54.0	18.82	AV	58.00	150	Vertical	Pass
4	6405.000	52.39	0.35	74.0	21.61	Peak	138.00	150	Vertical	Pass
4**	6405.000	41.29	0.35	54.0	12.71	AV	138.00	150	Vertical	Pass
5	9544.500	46.88	-2.67	74.0	27.12	Peak	37.00	150	Vertical	Pass
5**	9544.500	36.18	-2.67	54.0	17.82	AV	37.00	150	Vertical	Pass
6	15824.500	49.26	-1.67	74.0	24.74	Peak	351.00	150	Vertical	Pass
6**	15824.500	37.55	-1.67	54.0	16.45	AV	351.00	150	Vertical	Pass

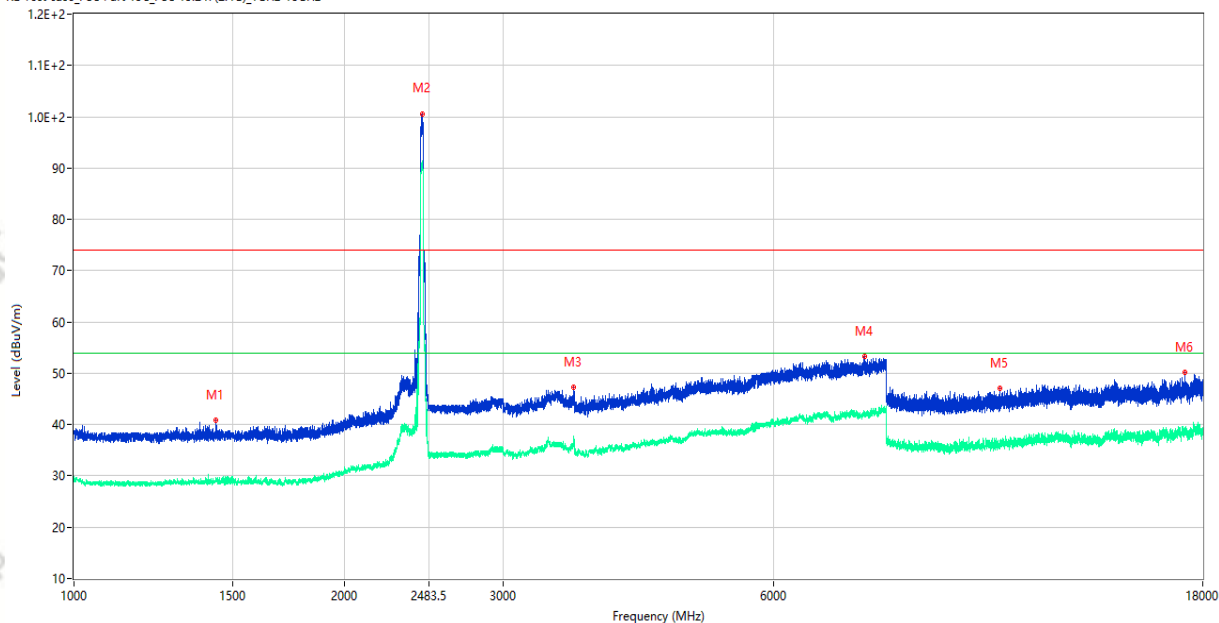
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.35.08

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax20 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.250	40.79	-15.97	74.0	33.21	Peak	164.00	150	Horizontal	Pass
1**	1439.250	29.25	-15.97	54.0	24.75	AV	164.00	150	Horizontal	Pass
2	2437.750	100.61	-12.38	74.0	-26.61	Peak	247.00	150	Horizontal	N/A
2**	2437.750	91.22	-12.38	54.0	-37.22	AV	247.00	150	Horizontal	N/A
3	3598.000	47.28	-5.09	74.0	26.72	Peak	104.00	150	Horizontal	Pass
3**	3598.000	37.29	-5.09	54.0	16.71	AV	104.00	150	Horizontal	Pass
4	7569.000	53.34	0.99	74.0	20.66	Peak	360.00	150	Horizontal	Pass
4**	7569.000	42.33	0.99	54.0	11.67	AV	360.00	150	Horizontal	Pass
5	10704.000	47.04	-4.07	74.0	26.96	Peak	360.00	150	Horizontal	Pass
5**	10704.000	35.47	-4.07	54.0	18.53	AV	360.00	150	Horizontal	Pass
6	17187.000	50.11	0.15	74.0	23.89	Peak	185.00	150	Horizontal	Pass
6**	17187.000	39.27	0.15	54.0	14.73	AV	185.00	150	Horizontal	Pass

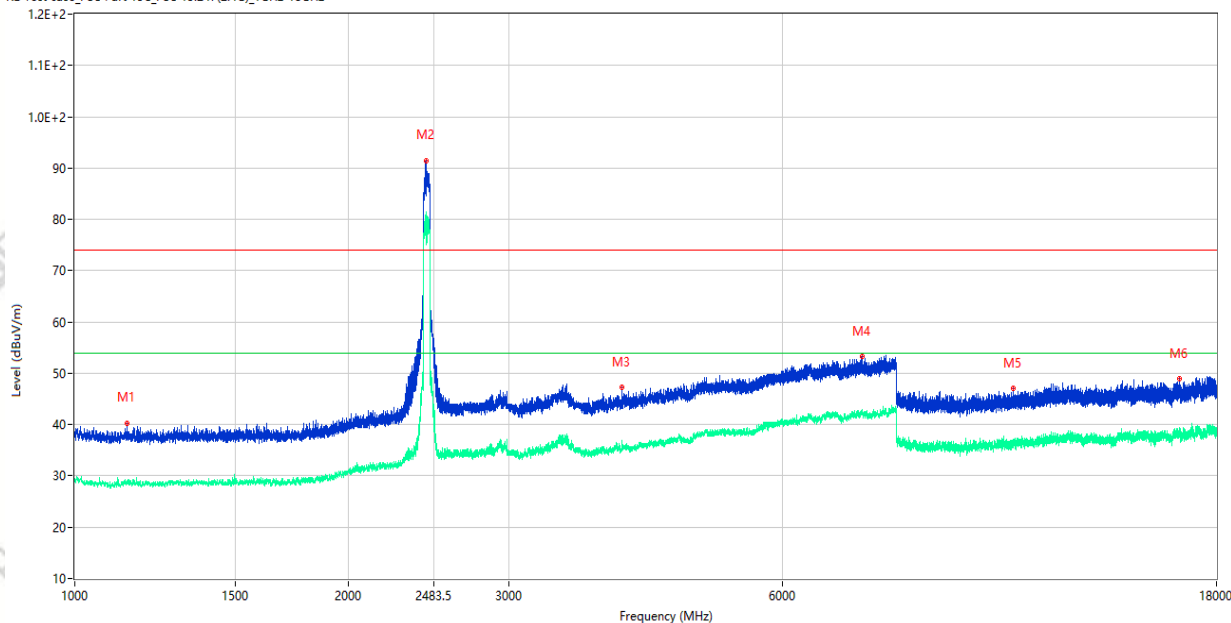
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.49.40

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax40 CH6 P=14
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1142.500	40.33	-15.58	74.0	33.67	Peak	113.00	150	Vertical	Pass
1**	1142.500	28.86	-15.58	54.0	25.14	AV	113.00	150	Vertical	Pass
2	2435.500	91.51	-12.31	74.0	-17.51	Peak	89.00	150	Vertical	N/A
2**	2435.500	79.68	-12.31	54.0	-25.68	AV	89.00	150	Vertical	N/A
3	3991.000	47.24	-4.82	74.0	26.76	Peak	119.00	150	Vertical	Pass
3**	3991.000	36.20	-4.82	54.0	17.80	AV	119.00	150	Vertical	Pass
4	7339.500	53.32	1.15	74.0	20.68	Peak	326.00	150	Vertical	Pass
4**	7339.500	42.30	1.15	54.0	11.70	AV	326.00	150	Vertical	Pass
5	10747.000	47.06	-3.37	74.0	26.94	Peak	296.00	150	Vertical	Pass
5**	10747.000	36.14	-3.37	54.0	17.86	AV	296.00	150	Vertical	Pass
6	16393.500	49.03	-1.12	74.0	24.97	Peak	1.00	150	Vertical	Pass
6**	16393.500	38.65	-1.12	54.0	15.35	AV	1.00	150	Vertical	Pass

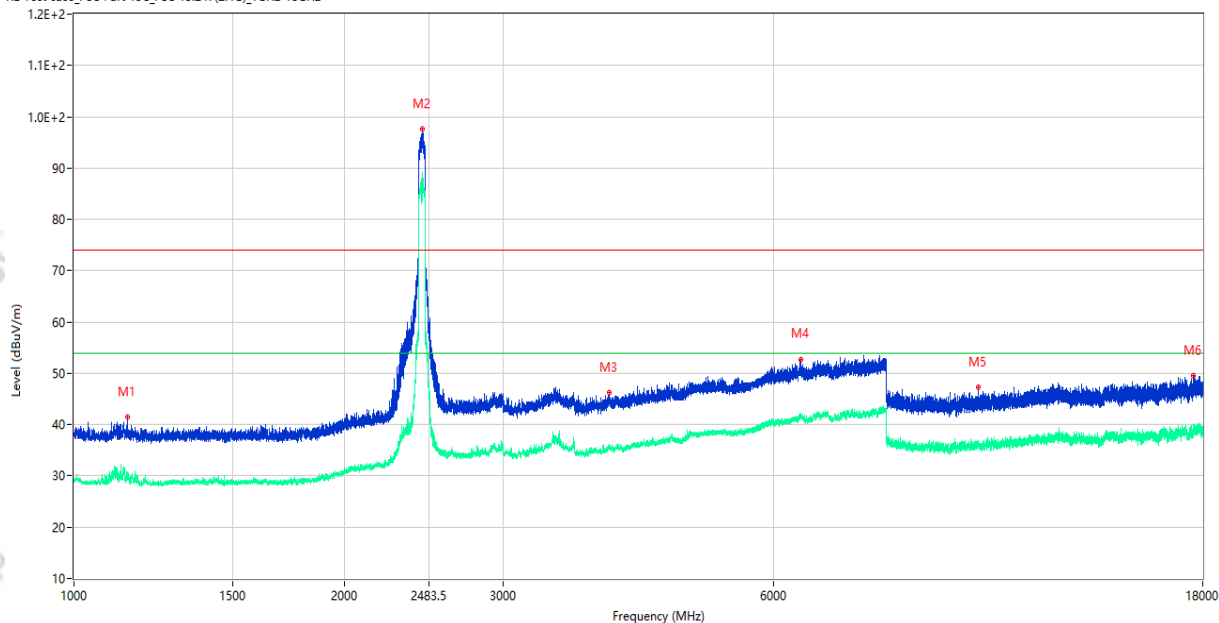
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.55.14

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax40 CH6 P=14
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT0

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



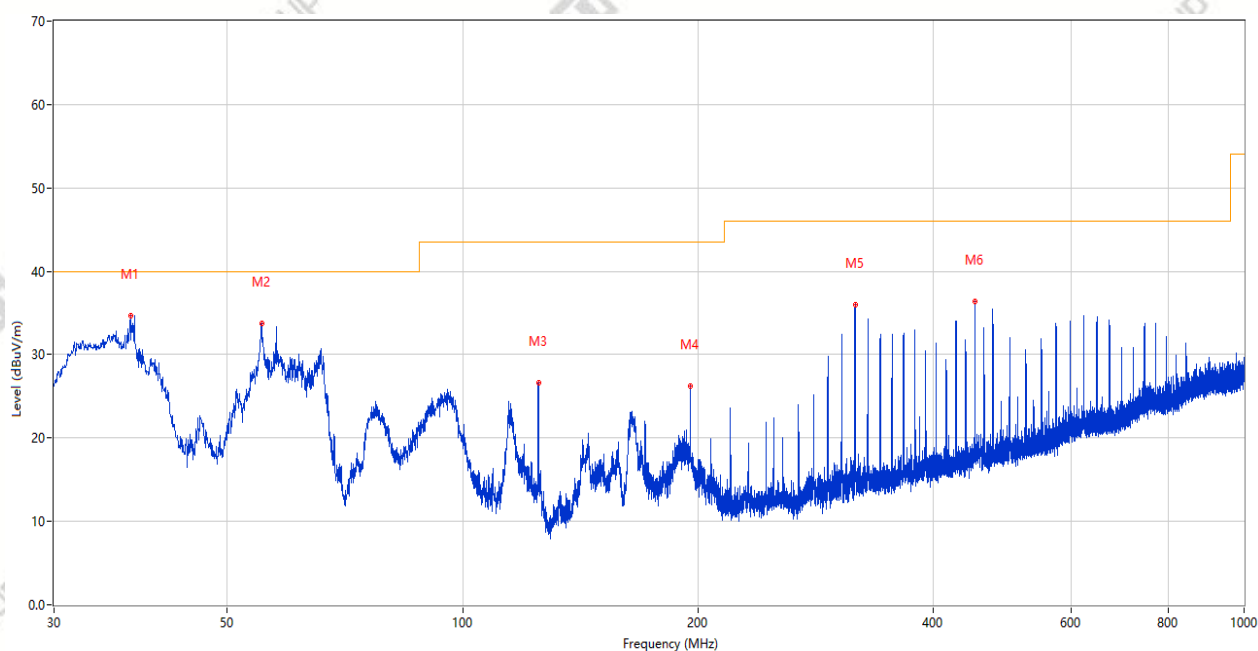
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1147.250	41.39	-15.67	74.0	32.61	Peak	351.00	150	Horizontal	Pass
1**	1147.250	29.46	-15.67	54.0	24.54	AV	351.00	150	Horizontal	Pass
2	2441.000	97.58	-12.39	74.0	-23.58	Peak	246.00	150	Horizontal	N/A
2**	2441.000	87.73	-12.39	54.0	-33.73	AV	246.00	150	Horizontal	N/A
3	3938.000	46.23	-3.89	74.0	27.77	Peak	242.00	150	Horizontal	Pass
3**	3938.000	35.40	-3.89	54.0	18.60	AV	242.00	150	Horizontal	Pass
4	6433.500	52.73	0.07	74.0	21.27	Peak	7.00	150	Horizontal	Pass
4**	6433.500	41.58	0.07	54.0	12.42	AV	7.00	150	Horizontal	Pass
5	10141.500	47.30	-4.13	74.0	26.70	Peak	297.00	150	Horizontal	Pass
5**	10141.500	36.10	-4.13	54.0	17.90	AV	297.00	150	Horizontal	Pass
6	17588.500	49.59	0.69	74.0	24.41	Peak	95.00	150	Horizontal	Pass
6**	17588.500	39.27	0.69	54.0	14.73	AV	95.00	150	Horizontal	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-12_04.22.52

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.1
Model Number:	Ranger 3	Humidity (%RH):	53
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	Normal working Link(2.4G)
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhang Mingyue	Remark:	实验室数据线 ANT0



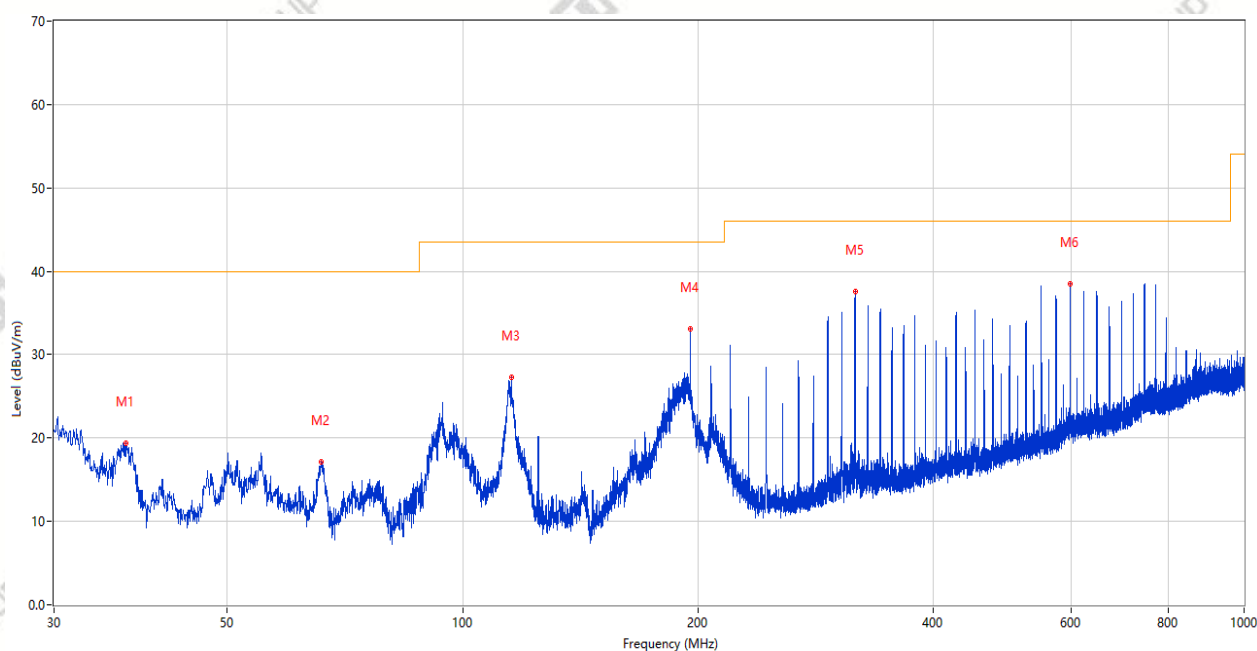
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.566	34.65	-26.87	40.0	5.35	Peak	110.00	100	Vertical	Pass
2	55.317	33.76	-25.28	40.0	6.24	Peak	68.00	200	Vertical	Pass
3	125.011	26.61	-28.94	43.5	16.89	Peak	172.00	100	Vertical	Pass
4	195.676	26.23	-25.96	43.5	17.27	Peak	80.00	200	Vertical	Pass
5	317.944	35.96	-23.07	46.0	10.04	Peak	86.00	100	Vertical	Pass
6	452.386	36.40	-19.85	46.0	9.60	Peak	6.00	100	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-12_04.21.45

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.1
Model Number:	Ranger 3	Humidity (%RH):	53
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	Normal working Link(2.4G)
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhang Mingyue	Remark:	实验室数据线 ANT0



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.130	19.39	-27.03	40.0	20.61	Peak	0.00	100	Horizontal	Pass
2	65.987	17.10	-27.80	40.0	22.90	Peak	337.00	100	Horizontal	Pass
3	115.506	27.30	-27.56	43.5	16.20	Peak	174.00	100	Horizontal	Pass
4	195.628	33.13	-25.97	43.5	10.37	Peak	44.00	100	Horizontal	Pass
5	317.944	37.59	-23.07	46.0	8.41	Peak	237.00	200	Horizontal	Pass
6	599.050	38.56	-15.58	46.0	7.44	Peak	87.00	100	Horizontal	Pass

Aux. Antenna:

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.32.37

EUT Name: Intelligent Mobile Data Capture Temp.(°C): 23.9

Terminal

Model Number: Ranger 3 Humidity (%RH): 49

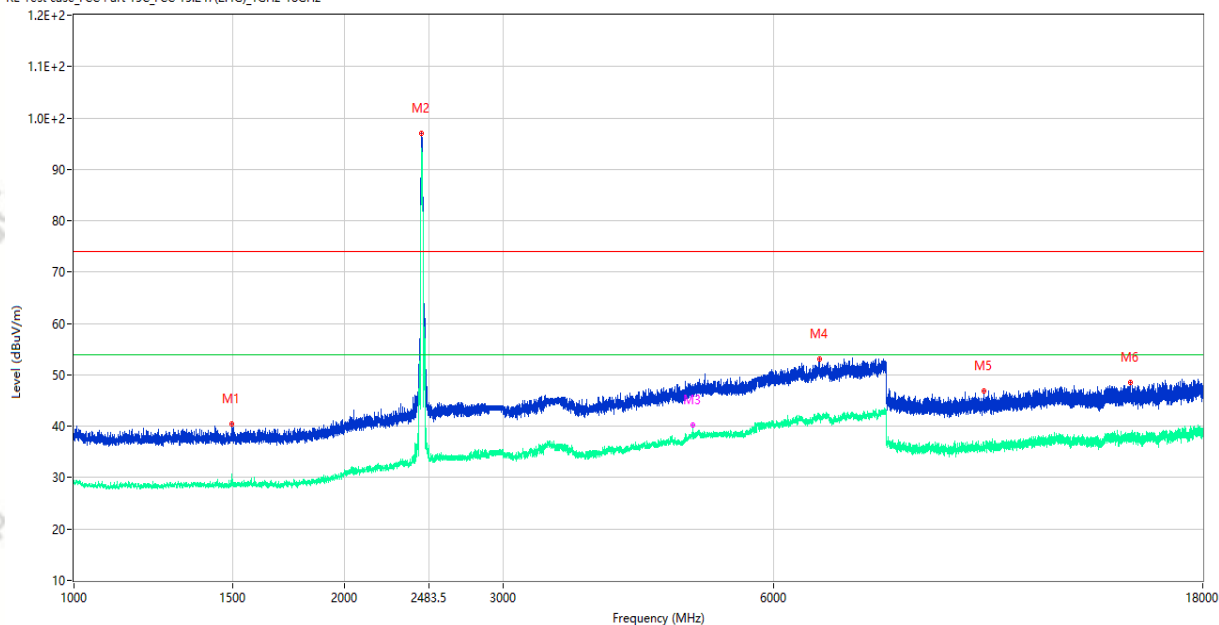
Sample Number: SC-SH25C0065-S03 Pressure(kPa): 101

Test Standard: 47 CFR Part 15C Work Mode: 2.4G WIFI 11b CH6 P=14

Test Site: 966#2 Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu Remark: 实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	40.41	-16.14	74.0	33.59	Peak	348.00	150	Vertical	Pass
1**	1499.000	30.67	-16.14	54.0	23.33	AV	348.00	150	Vertical	Pass
2	2435.750	97.05	-12.32	74.0	-23.05	Peak	279.00	150	Vertical	N/A
2**	2435.750	94.12	-12.32	54.0	-40.12	AV	279.00	150	Vertical	N/A
3	4874.500	48.17	-2.25	74.0	25.83	Peak	360.00	150	Vertical	Pass
3**	4874.500	40.18	-2.25	54.0	13.82	AV	360.00	150	Vertical	Pass
4	6751.500	53.14	0.70	74.0	20.86	Peak	166.00	150	Vertical	Pass
4**	6751.500	41.40	0.70	54.0	12.60	AV	166.00	150	Vertical	Pass
5	10268.500	46.82	-2.96	74.0	27.18	Peak	0.00	150	Vertical	Pass
5**	10268.500	35.53	-2.96	54.0	18.47	AV	0.00	150	Vertical	Pass
6	14956.000	48.63	-1.39	74.0	25.37	Peak	211.00	150	Vertical	Pass
6**	14956.000	37.57	-1.39	54.0	16.43	AV	211.00	150	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.28.54

EUT Name: Intelligent Mobile Data Capture
Terminal

Temp.(°C): 23.9

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11b CH6 P=14

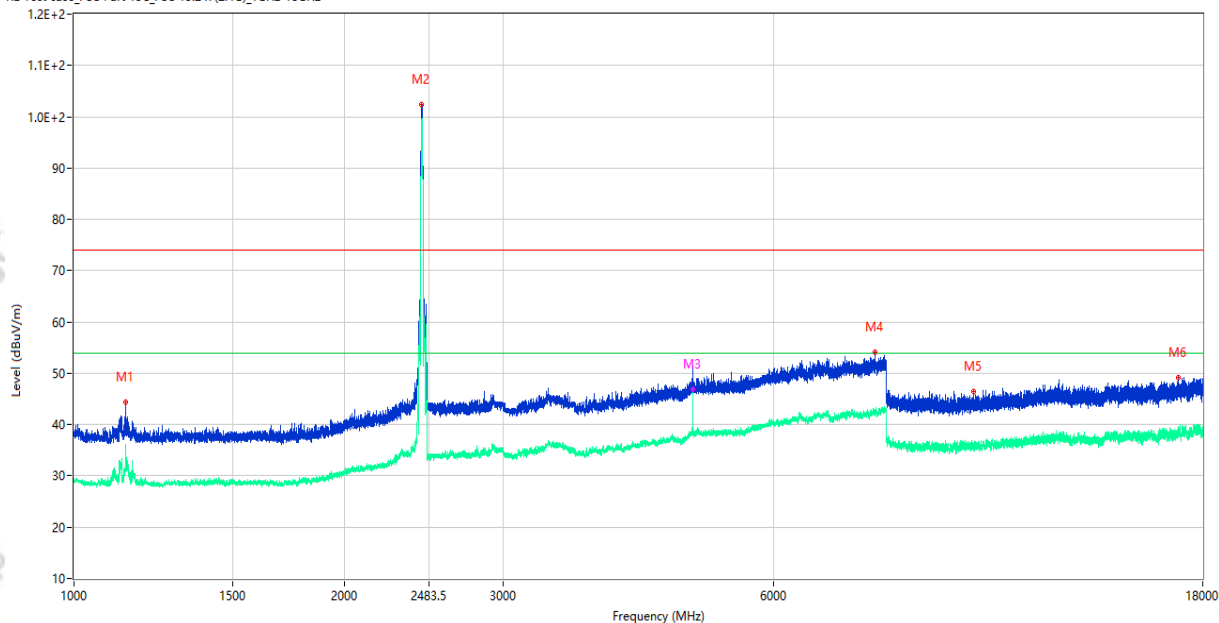
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1141.500	44.34	-15.57	74.0	29.66	Peak	168.00	150	Horizontal	Pass
1**	1141.500	32.16	-15.57	54.0	21.84	AV	168.00	150	Horizontal	Pass
2	2437.000	102.30	-12.37	74.0	-28.30	Peak	13.00	150	Horizontal	N/A
2**	2437.000	97.69	-12.37	54.0	-43.69	AV	13.00	150	Horizontal	N/A
3	4874.500	50.17	-2.25	74.0	23.83	Peak	11.00	150	Horizontal	Pass
3**	4874.500	46.90	-2.25	54.0	7.10	AV	11.00	150	Horizontal	Pass
4	7780.000	54.16	1.32	74.0	19.84	Peak	353.00	150	Horizontal	Pass
4**	7780.000	42.32	1.32	54.0	11.68	AV	353.00	150	Horizontal	Pass
5	10021.500	46.56	-4.08	74.0	27.44	Peak	92.00	150	Horizontal	Pass
5**	10021.500	35.91	-4.08	54.0	18.09	AV	92.00	150	Horizontal	Pass
6	16889.500	49.18	-0.57	74.0	24.82	Peak	360.00	150	Horizontal	Pass
6**	16889.500	38.71	-0.57	54.0	15.29	AV	360.00	150	Horizontal	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.16.45

EUT Name: Intelligent Mobile Data Capture
Terminal

Temp.(°C): 23.9

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11g CH6 P=15

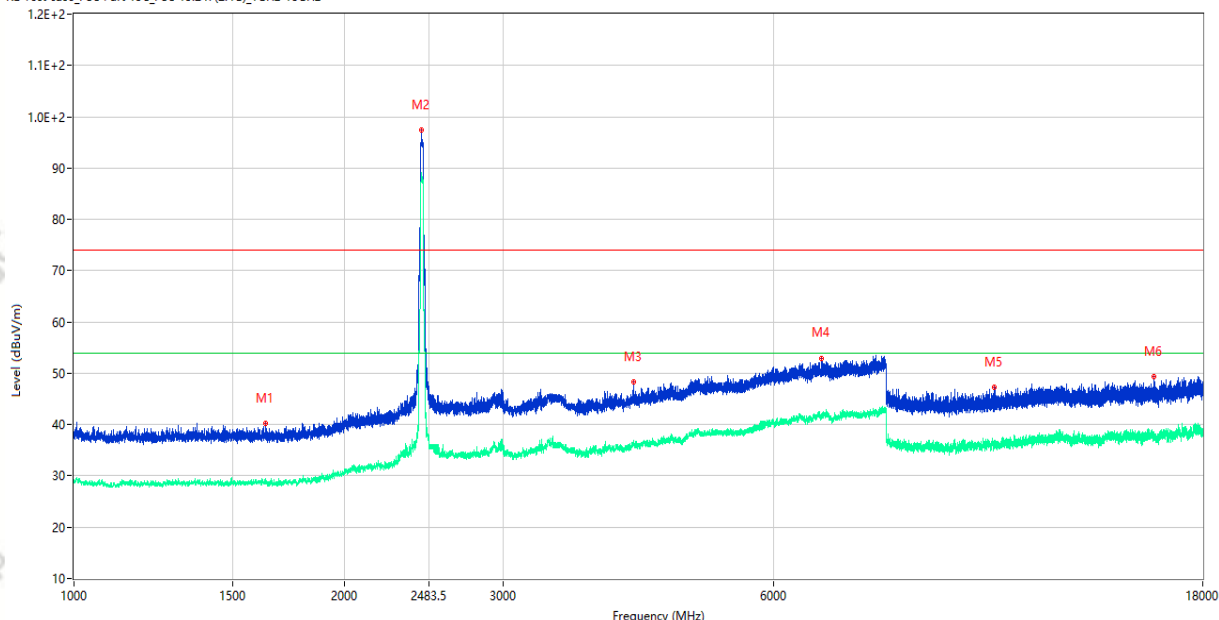
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1631.500	40.16	-16.07	74.0	33.84	Peak	99.00	150	Vertical	Pass
1**	1631.500	28.88	-16.07	54.0	25.12	AV	99.00	150	Vertical	Pass
2	2432.500	97.35	-12.29	74.0	-23.35	Peak	278.00	150	Vertical	N/A
2**	2432.500	87.67	-12.29	54.0	-33.67	AV	278.00	150	Vertical	N/A
3	4187.000	48.39	-3.82	74.0	25.61	Peak	282.00	150	Vertical	Pass
3**	4187.000	36.06	-3.82	54.0	17.94	AV	282.00	150	Vertical	Pass
4	6777.500	52.96	0.61	74.0	21.04	Peak	194.00	150	Vertical	Pass
4**	6777.500	41.43	0.61	54.0	12.57	AV	194.00	150	Vertical	Pass
5	10566.500	47.26	-3.22	74.0	26.74	Peak	270.00	150	Vertical	Pass
5**	10566.500	36.27	-3.22	54.0	17.73	AV	270.00	150	Vertical	Pass
6	15890.000	49.34	-1.58	74.0	24.66	Peak	0.00	150	Vertical	Pass
6**	15890.000	38.01	-1.58	54.0	15.99	AV	0.00	150	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.13.20

EUT Name: Intelligent Mobile Data Capture
Terminal

Temp.(°C): 23.9

Model Number: Ranger 3

Humidity (%RH): 49

Sample Number: SC-SH25C0065-S03

Pressure(kPa): 101

Test Standard: 47 CFR Part 15C

Work Mode: 2.4G WIFI 11g CH6 P=15

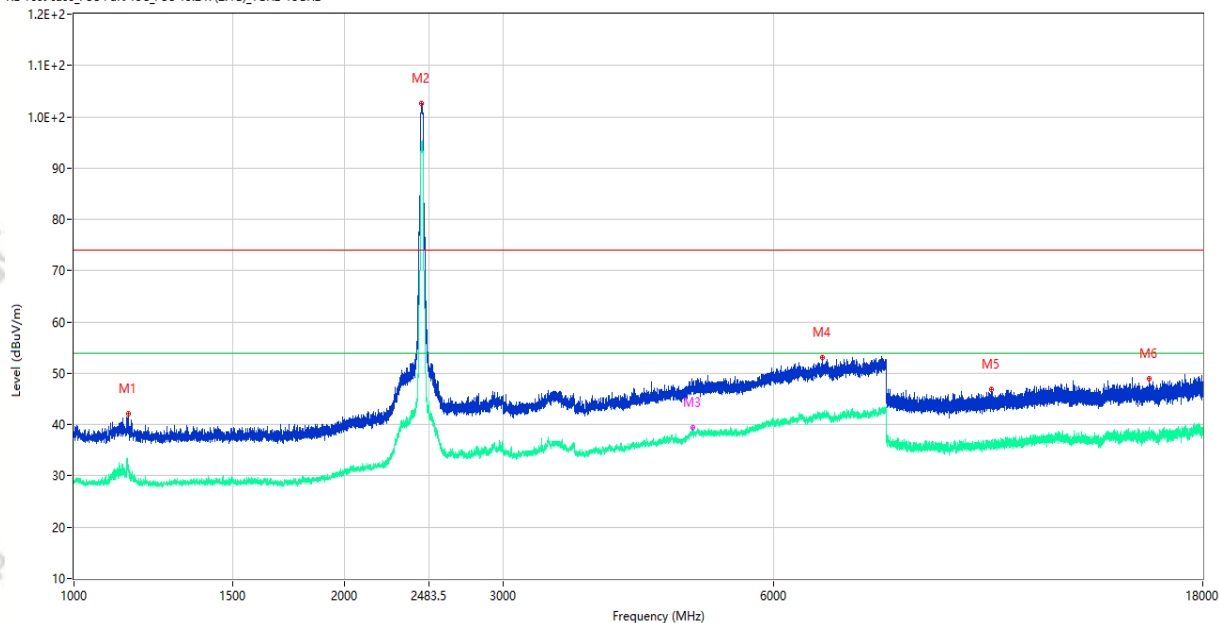
Test Site: 966#2

Test Voltage: AC 120V/60Hz

Test Engineer: Zhou Xu

Remark: 实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.000	42.02	-15.65	74.0	31.98	Peak	167.00	150	Horizontal	Pass
1**	1150.000	30.63	-15.65	54.0	23.37	AV	167.00	150	Horizontal	Pass
2	2432.250	102.52	-12.29	74.0	-28.52	Peak	360.00	150	Horizontal	N/A
2**	2432.250	92.59	-12.29	54.0	-38.59	AV	360.00	150	Horizontal	N/A
3	4874.500	46.85	-2.25	74.0	27.15	Peak	3.00	150	Horizontal	Pass
3**	4874.500	39.36	-2.25	54.0	14.64	AV	3.00	150	Horizontal	Pass
4	6798.000	53.03	0.39	74.0	20.97	Peak	36.00	150	Horizontal	Pass
4**	6798.000	41.60	0.39	54.0	12.40	AV	36.00	150	Horizontal	Pass
5	10482.500	46.89	-3.49	74.0	27.11	Peak	237.00	150	Horizontal	Pass
5**	10482.500	36.21	-3.49	54.0	17.79	AV	237.00	150	Horizontal	Pass
6	15706.500	48.87	-1.81	74.0	25.13	Peak	151.00	150	Horizontal	Pass
6**	15706.500	37.57	-1.81	54.0	16.43	AV	151.00	150	Horizontal	Pass

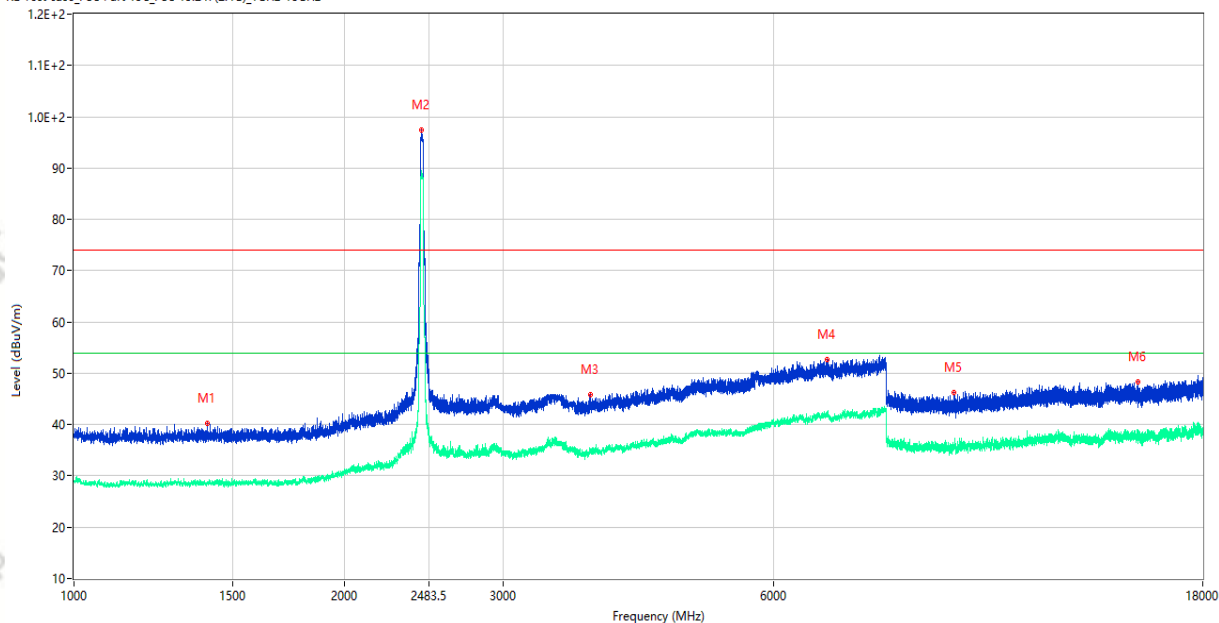
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.55.12

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n20 CH6 P=15
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1406.750	40.31	-15.98	74.0	33.69	Peak	198.00	150	Vertical	Pass
1**	1406.750	28.66	-15.98	54.0	25.34	AV	198.00	150	Vertical	Pass
2	2435.250	97.43	-12.29	74.0	-23.43	Peak	280.00	150	Vertical	N/A
2**	2435.250	89.57	-12.29	54.0	-35.57	AV	280.00	150	Vertical	N/A
3	3751.500	45.79	-4.75	74.0	28.21	Peak	117.00	150	Vertical	Pass
3**	3751.500	34.90	-4.75	54.0	19.10	AV	117.00	150	Vertical	Pass
4	6872.500	52.65	0.76	74.0	21.35	Peak	360.00	150	Vertical	Pass
4**	6872.500	41.64	0.76	54.0	12.36	AV	360.00	150	Vertical	Pass
5	9521.500	46.16	-2.88	74.0	27.84	Peak	360.00	150	Vertical	Pass
5**	9521.500	35.56	-2.88	54.0	18.44	AV	360.00	150	Vertical	Pass
6	15261.000	48.38	-1.04	74.0	25.62	Peak	38.00	150	Vertical	Pass
6**	15261.000	37.96	-1.04	54.0	16.04	AV	38.00	150	Vertical	Pass

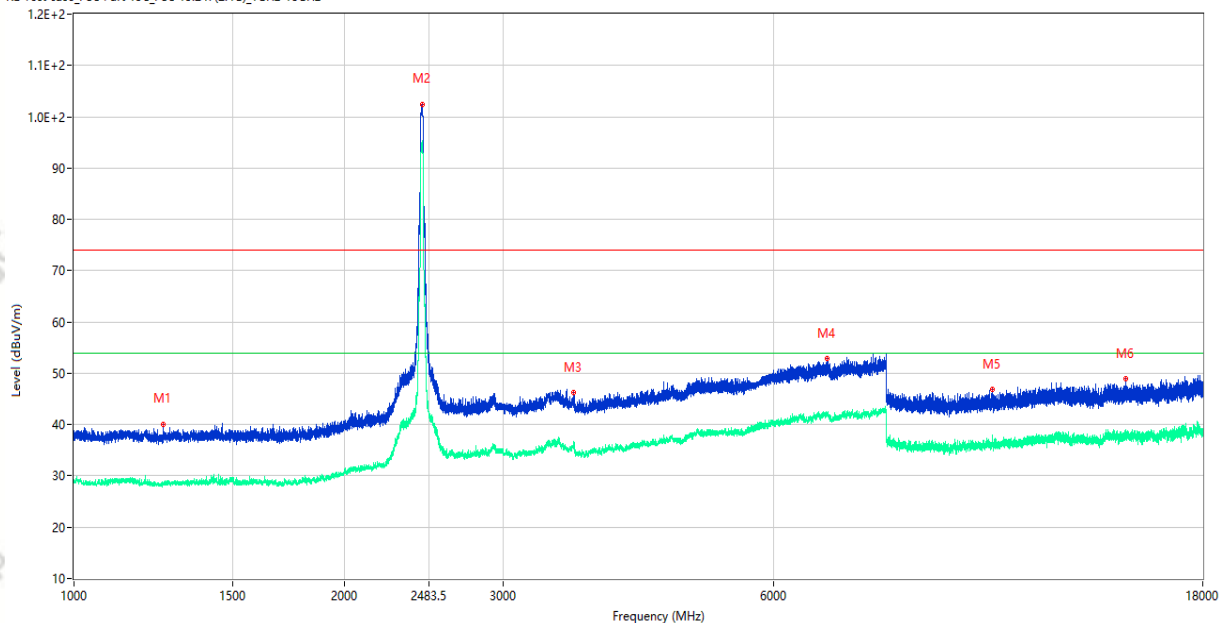
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_10.51.18

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n20 CH6 P=15
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1257.000	39.96	-16.07	74.0	34.04	Peak	23.00	150	Horizontal	Pass
1**	1257.000	28.42	-16.07	54.0	25.58	AV	23.00	150	Horizontal	Pass
2	2438.250	102.48	-12.38	74.0	-28.48	Peak	8.00	150	Horizontal	N/A
2**	2438.250	95.26	-12.38	54.0	-41.26	AV	8.00	150	Horizontal	N/A
3	3596.000	46.25	-5.13	74.0	27.75	Peak	108.00	150	Horizontal	Pass
3**	3596.000	36.72	-5.13	54.0	17.28	AV	108.00	150	Horizontal	Pass
4	6882.500	52.97	0.62	74.0	21.03	Peak	29.00	150	Horizontal	Pass
4**	6882.500	41.78	0.62	54.0	12.22	AV	29.00	150	Horizontal	Pass
5	10495.000	46.92	-3.20	74.0	27.08	Peak	148.00	150	Horizontal	Pass
5**	10495.000	36.18	-3.20	54.0	17.82	AV	148.00	150	Horizontal	Pass
6	14768.500	48.98	-1.18	74.0	25.02	Peak	205.00	150	Horizontal	Pass
6**	14768.500	38.13	-1.18	54.0	15.87	AV	205.00	150	Horizontal	Pass

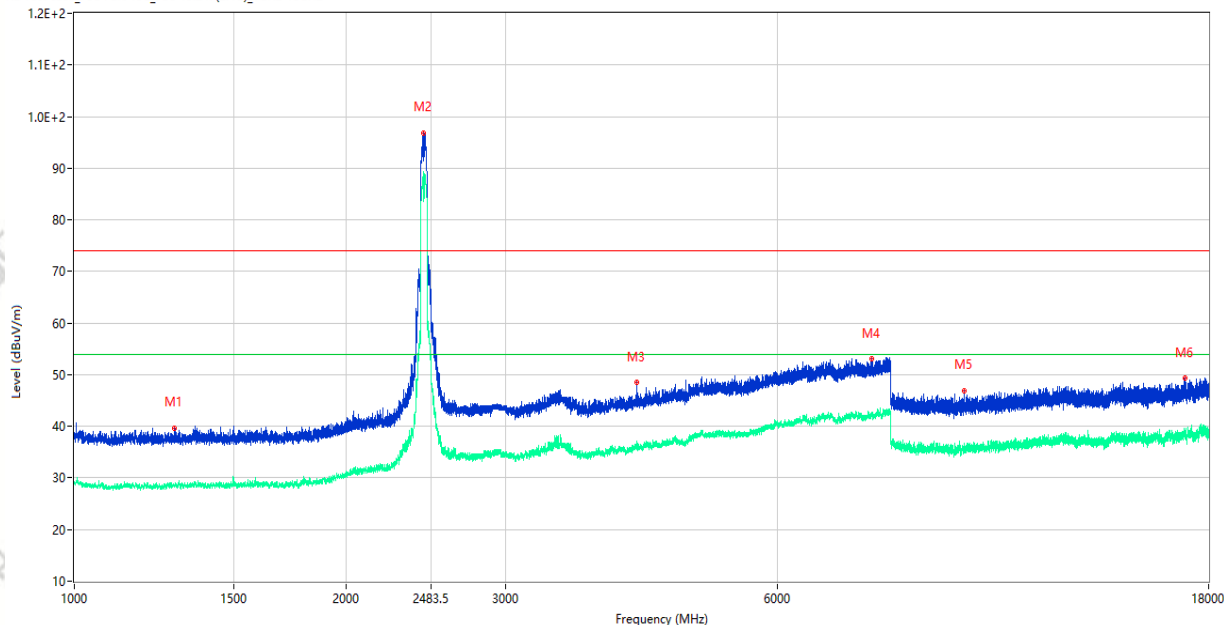
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.13.46

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n40 CH6 P=17
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1289.750	39.59	-15.85	74.0	34.41	Peak	216.00	150	Vertical	Pass
1**	1289.750	28.38	-15.85	54.0	25.62	AV	216.00	150	Vertical	Pass
2	2434.250	96.77	-12.32	74.0	-22.77	Peak	71.00	150	Vertical	N/A
2**	2434.250	89.24	-12.32	54.0	-35.24	AV	71.00	150	Vertical	N/A
3	4192.500	48.53	-3.64	74.0	25.47	Peak	278.00	150	Vertical	Pass
3**	4192.500	36.15	-3.64	54.0	17.85	AV	278.00	150	Vertical	Pass
4	7627.000	53.10	0.66	74.0	20.90	Peak	360.00	150	Vertical	Pass
4**	7627.000	42.35	0.66	54.0	11.65	AV	360.00	150	Vertical	Pass
5	9659.500	46.95	-3.20	74.0	27.05	Peak	95.00	150	Vertical	Pass
5**	9659.500	36.25	-3.20	54.0	17.75	AV	95.00	150	Vertical	Pass
6	16957.000	49.40	-0.88	74.0	24.60	Peak	359.00	150	Vertical	Pass
6**	16957.000	38.29	-0.88	54.0	15.71	AV	359.00	150	Vertical	Pass

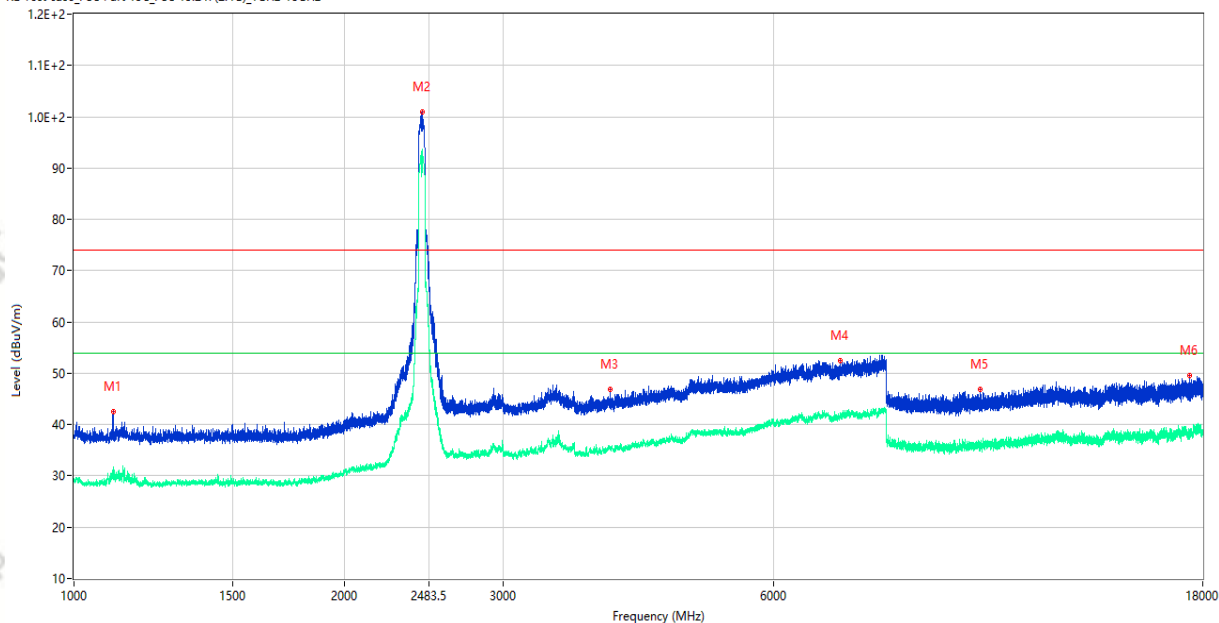
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.09.35

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11n40 CH6 P=17
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1105.250	42.50	-15.74	74.0	31.50	Peak	170.00	150	Horizontal	Pass
1**	1105.250	31.75	-15.74	54.0	22.25	AV	170.00	150	Horizontal	Pass
2	2439.500	100.87	-12.37	74.0	-26.87	Peak	14.00	150	Horizontal	N/A
2**	2439.500	93.33	-12.37	54.0	-39.33	AV	14.00	150	Horizontal	N/A
3	3945.500	46.91	-4.34	74.0	27.09	Peak	278.00	150	Horizontal	Pass
3**	3945.500	35.40	-4.34	54.0	18.60	AV	278.00	150	Horizontal	Pass
4	7111.500	52.38	0.09	74.0	21.62	Peak	352.00	150	Horizontal	Pass
4**	7111.500	41.31	0.09	54.0	12.69	AV	352.00	150	Horizontal	Pass
5	10179.000	46.77	-3.61	74.0	27.23	Peak	1.00	150	Horizontal	Pass
5**	10179.000	35.27	-3.61	54.0	18.73	AV	1.00	150	Horizontal	Pass
6	17413.501	49.50	0.19	74.0	24.50	Peak	31.00	150	Horizontal	Pass
6**	17413.501	38.40	0.19	54.0	15.60	AV	31.00	150	Horizontal	Pass

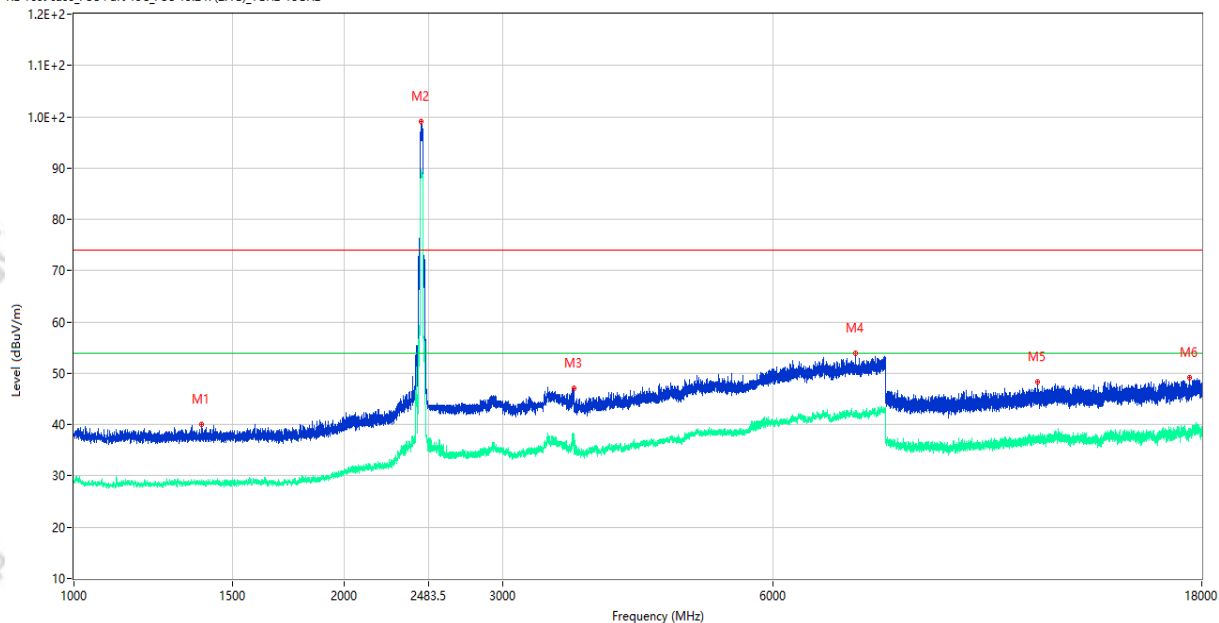
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.42.38

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax20 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.250	39.98	-15.97	74.0	34.02	Peak	100.00	150	Vertical	Pass
1**	1388.250	28.67	-15.97	54.0	25.33	AV	100.00	150	Vertical	Pass
2	2433.500	99.00	-12.31	74.0	-25.00	Peak	279.00	150	Vertical	N/A
2**	2433.500	89.16	-12.31	54.0	-35.16	AV	279.00	150	Vertical	N/A
3	3599.000	47.04	-5.03	74.0	26.96	Peak	360.00	150	Vertical	Pass
3**	3599.000	37.06	-5.03	54.0	16.94	AV	360.00	150	Vertical	Pass
4	7404.000	53.91	0.77	74.0	20.09	Peak	360.00	150	Vertical	Pass
4**	7404.000	41.90	0.77	54.0	12.10	AV	360.00	150	Vertical	Pass
5	11823.500	48.29	-3.82	74.0	25.71	Peak	212.00	150	Vertical	Pass
5**	11823.500	36.55	-3.82	54.0	17.45	AV	212.00	150	Vertical	Pass
6	17455.499	49.07	0.19	74.0	24.93	Peak	68.00	150	Vertical	Pass
6**	17455.499	38.47	0.19	54.0	15.53	AV	68.00	150	Vertical	Pass

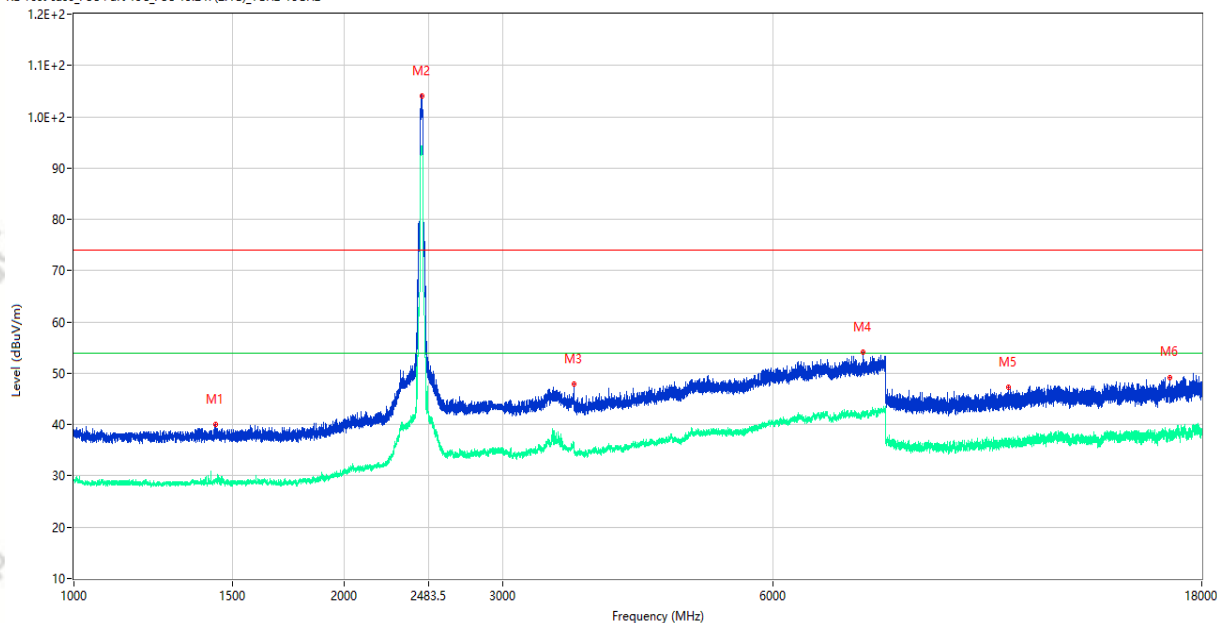
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.38.57

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax20 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.250	40.01	-15.96	74.0	33.99	Peak	175.00	150	Horizontal	Pass
1**	1436.250	29.37	-15.96	54.0	24.63	AV	175.00	150	Horizontal	Pass
2	2437.500	104.13	-12.38	74.0	-30.13	Peak	2.00	150	Horizontal	N/A
2**	2437.500	93.67	-12.38	54.0	-39.67	AV	2.00	150	Horizontal	N/A
3	3599.500	47.88	-4.99	74.0	26.12	Peak	119.00	150	Horizontal	Pass
3**	3599.500	36.25	-4.99	54.0	17.75	AV	119.00	150	Horizontal	Pass
4	7562.500	54.16	0.95	74.0	19.84	Peak	358.00	150	Horizontal	Pass
4**	7562.500	42.10	0.95	54.0	11.90	AV	358.00	150	Horizontal	Pass
5	10958.000	47.19	-3.39	74.0	26.81	Peak	294.00	150	Horizontal	Pass
5**	10958.000	35.90	-3.39	54.0	18.10	AV	294.00	150	Horizontal	Pass
6	16574.000	49.17	-0.70	74.0	24.83	Peak	264.00	150	Horizontal	Pass
6**	16574.000	38.16	-0.70	54.0	15.84	AV	264.00	150	Horizontal	Pass

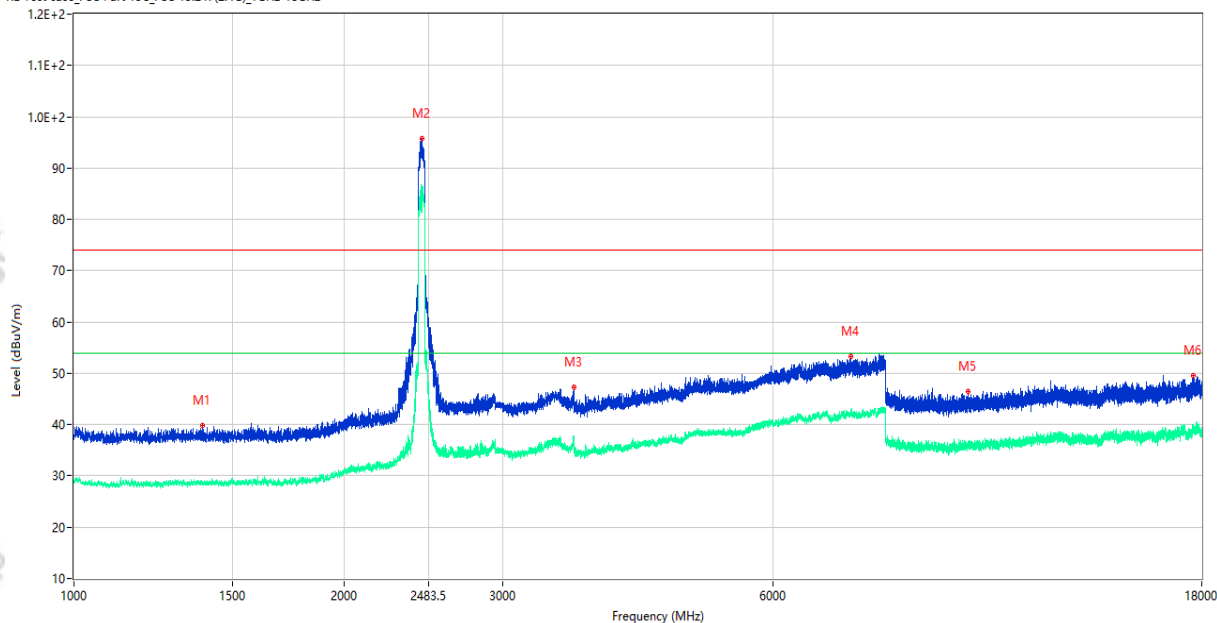
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_12.03.33

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax40 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.750	39.80	-15.97	74.0	34.20	Peak	359.00	150	Vertical	Pass
1**	1388.750	28.90	-15.97	54.0	25.10	AV	359.00	150	Vertical	Pass
2	2443.000	95.82	-12.46	74.0	-21.82	Peak	66.00	150	Vertical	N/A
2**	2443.000	85.21	-12.46	54.0	-31.21	AV	66.00	150	Vertical	N/A
3	3600.500	47.30	-4.97	74.0	26.70	Peak	136.00	150	Vertical	Pass
3**	3600.500	37.74	-4.97	54.0	16.26	AV	136.00	150	Vertical	Pass
4	7328.500	53.33	0.81	74.0	20.67	Peak	302.00	150	Vertical	Pass
4**	7328.500	41.98	0.81	54.0	12.02	AV	302.00	150	Vertical	Pass
5	9894.000	46.37	-4.29	74.0	27.63	Peak	242.00	150	Vertical	Pass
5**	9894.000	36.59	-4.29	54.0	17.41	AV	242.00	150	Vertical	Pass
6	17606.500	49.47	0.12	74.0	24.53	Peak	66.00	150	Vertical	Pass
6**	17606.500	38.80	0.12	54.0	15.20	AV	66.00	150	Vertical	Pass

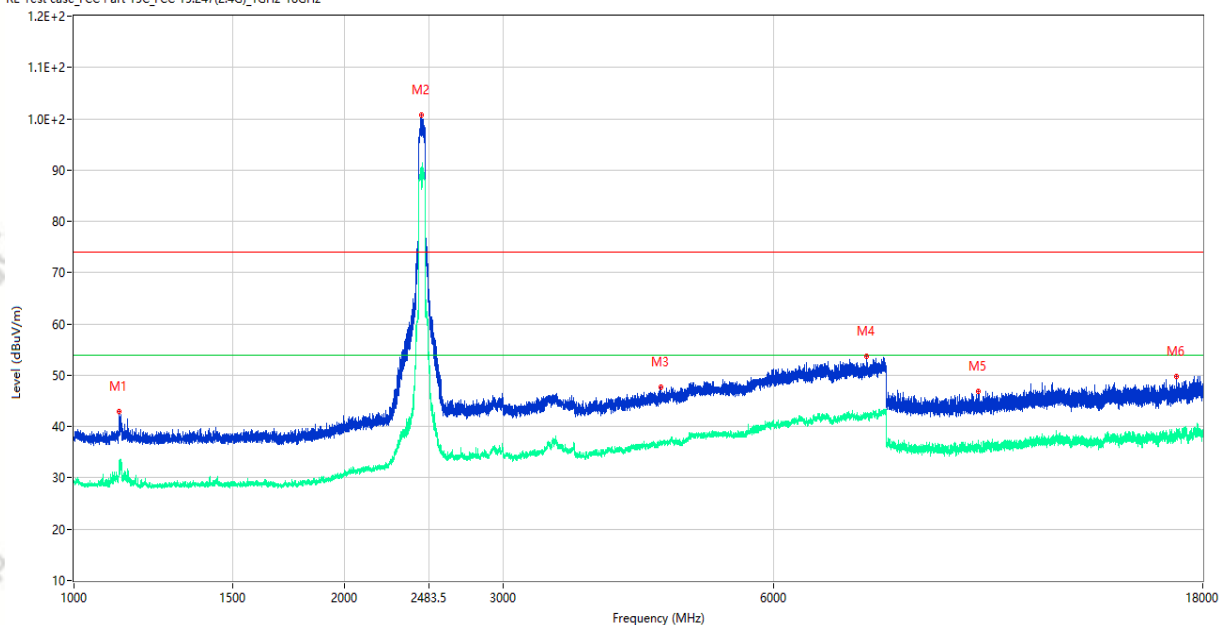
Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-09_11.59.42

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.9
Model Number:	Ranger 3	Humidity (%RH):	49
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	2.4G WIFI 11ax40 CH6 P=13
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhou Xu	Remark:	实验室数据线 ANT1

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



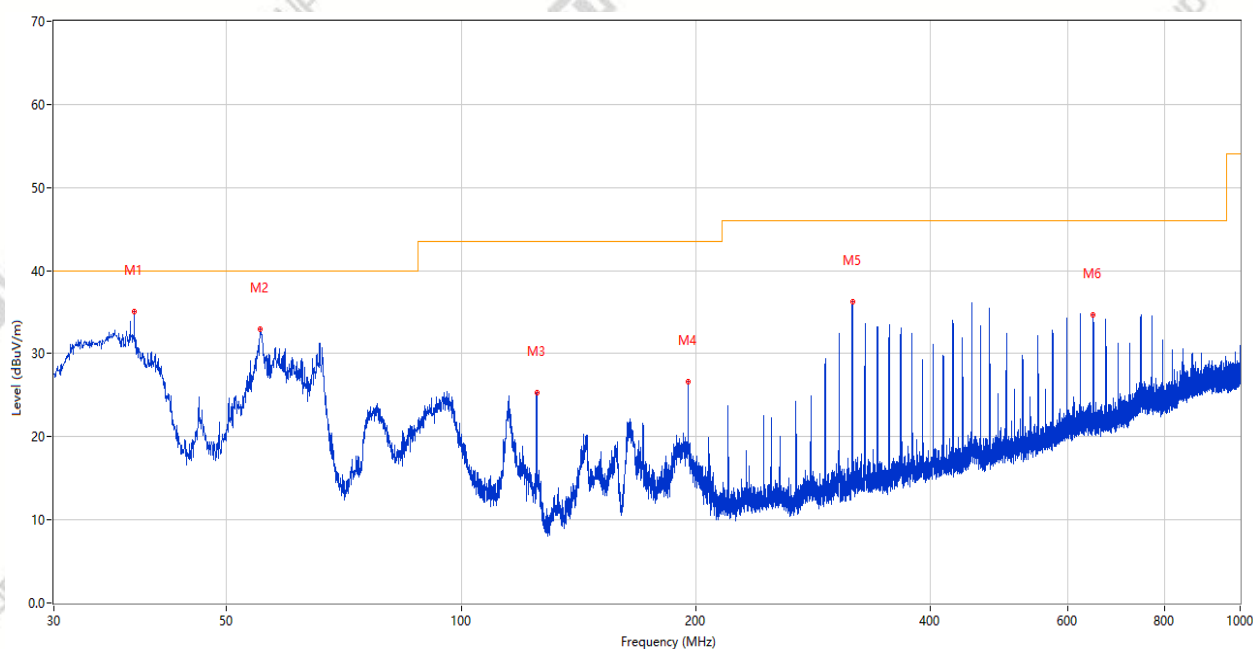
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.750	42.89	-15.74	74.0	31.11	Peak	360.00	150	Horizontal	Pass
1**	1121.750	32.51	-15.74	54.0	21.49	AV	360.00	150	Horizontal	Pass
2	2435.500	100.76	-12.31	74.0	-26.76	Peak	360.00	150	Horizontal	N/A
2**	2435.500	89.93	-12.31	54.0	-35.93	AV	360.00	150	Horizontal	N/A
3	4496.000	47.60	-3.26	74.0	26.40	Peak	277.00	150	Horizontal	Pass
3**	4496.000	36.94	-3.26	54.0	17.06	AV	277.00	150	Horizontal	Pass
4	7604.500	53.63	0.70	74.0	20.37	Peak	296.00	150	Horizontal	Pass
4**	7604.500	41.83	0.70	54.0	12.17	AV	296.00	150	Horizontal	Pass
5	10134.500	46.80	-3.91	74.0	27.20	Peak	0.00	150	Horizontal	Pass
5**	10134.500	36.33	-3.91	54.0	17.67	AV	0.00	150	Horizontal	Pass
6	16847.500	49.77	-1.08	74.0	24.23	Peak	148.00	150	Horizontal	Pass
6**	16847.500	38.27	-1.08	54.0	15.73	AV	148.00	150	Horizontal	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-12_04.23.58

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.1
Model Number:	Ranger 3	Humidity (%RH):	53
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	Normal working Link(2.4G)
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhang Mingyue	Remark:	实验室数据线 ANT1



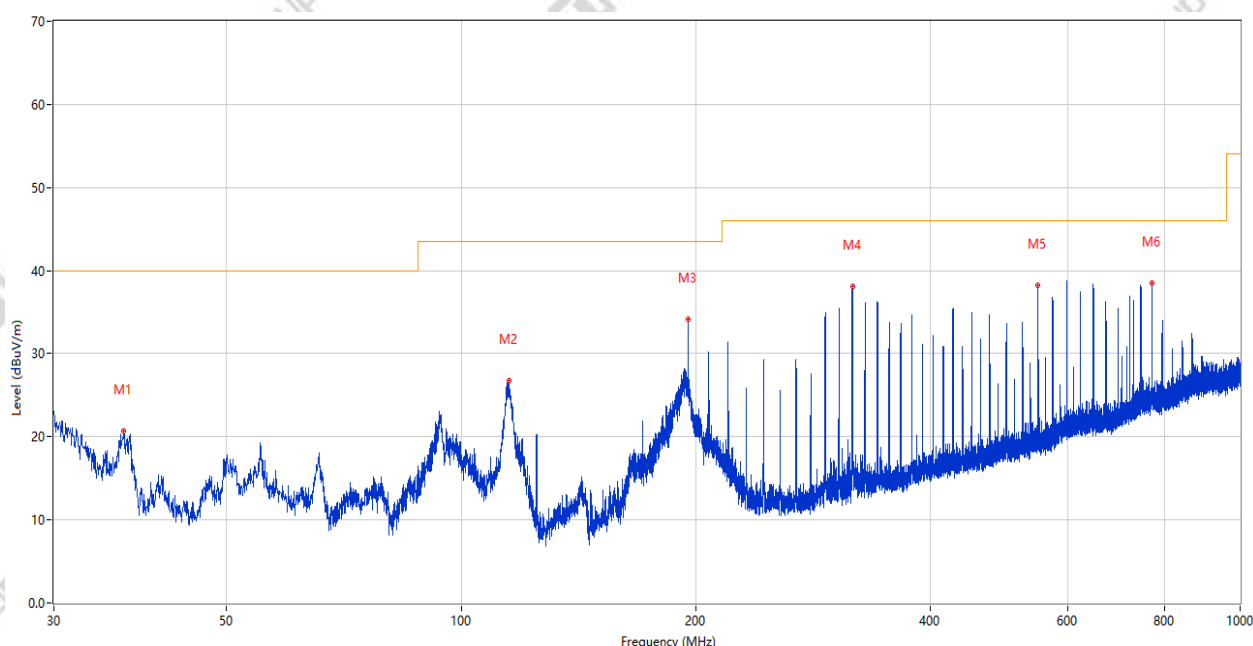
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.051	35.09	-26.69	40.0	4.91	Peak	283.00	200	Vertical	Pass
2	55.269	32.91	-25.27	40.0	7.09	Peak	278.00	100	Vertical	Pass
3	125.011	25.34	-28.94	43.5	18.16	Peak	244.00	100	Vertical	Pass
4	195.579	26.67	-25.98	43.5	16.83	Peak	92.00	100	Vertical	Pass
5	317.847	36.26	-23.07	46.0	9.74	Peak	86.00	200	Vertical	Pass
6	647.987	34.73	-14.94	46.0	11.27	Peak	123.00	100	Vertical	Pass

Test Result

Project Number: BL-SH2670015

Test Time: 2026-08-12_04.25.09

EUT Name:	Intelligent Mobile Data Capture Terminal	Temp.(°C):	23.1
Model Number:	Ranger 3	Humidity (%RH):	53
Sample Number:	SC-SH25C0065-S03	Pressure(kPa):	101
Test Standard:	47 CFR Part 15C	Work Mode:	Normal working Link(2.4G)
Test Site:	966#2	Test Voltage:	AC 120V/60Hz
Test Engineer:	Zhang Mingyue	Remark:	实验室数据线 ANT1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.887	20.73	-27.13	40.0	19.27	Peak	360.00	100	Horizontal	Pass
2	115.069	26.83	-27.49	43.5	16.67	Peak	15.00	100	Horizontal	Pass
3	195.676	34.17	-25.96	43.5	9.33	Peak	241.00	100	Horizontal	Pass
4	317.799	38.15	-23.08	46.0	7.85	Peak	236.00	200	Horizontal	Pass
5	550.114	38.21	-17.37	46.0	7.79	Peak	89.00	100	Horizontal	Pass
6	770.013	38.45	-12.61	46.0	7.55	Peak	236.00	100	Horizontal	Pass