

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

30M-1G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-28_10.22.25

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

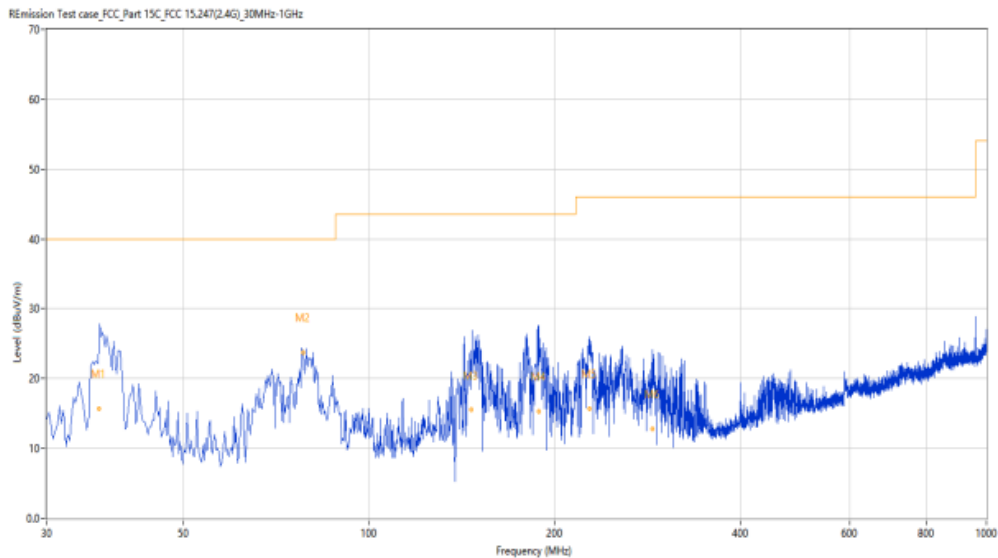
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.481	27.53	-27.67	40.0	12.47	Peak	118.10	174	Horizontal	Pass
1*	36.481	15.69	-27.67	40.0	24.31	QP	118.10	174	Horizontal	Pass
2	78.001	27.20	-31.36	40.0	12.80	Peak	292.50	253	Horizontal	Pass
2*	78.001	23.78	-31.36	40.0	16.22	QP	292.50	253	Horizontal	Pass
3	146.456	27.99	-29.89	43.5	15.51	Peak	146.50	153	Horizontal	Pass
3*	146.456	15.60	-29.89	43.5	27.90	QP	146.50	153	Horizontal	Pass
4	188.264	27.66	-27.01	43.5	15.84	Peak	161.10	178	Horizontal	Pass
4*	188.264	15.26	-27.01	43.5	28.24	QP	161.10	178	Horizontal	Pass
5	227.295	26.03	-25.58	46.0	19.97	Peak	217.00	155	Horizontal	Pass
5*	227.295	15.70	-25.58	46.0	30.30	QP	217.00	155	Horizontal	Pass
6	287.887	24.35	-23.60	46.0	21.65	Peak	53.80	120	Horizontal	Pass
6*	287.887	12.82	-23.60	46.0	33.18	QP	53.80	120	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-28_11.01.58

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

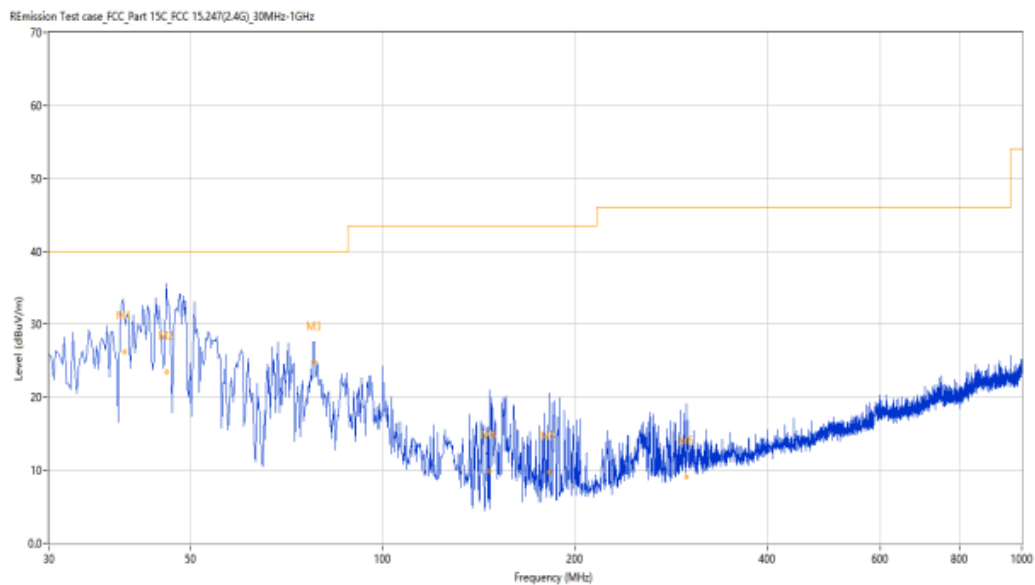
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.348	36.49	-26.71	40.0	3.51	Peak	30.10	101	Vertical	Pass
1*	39.348	26.18	-26.71	40.0	13.82	QP	30.10	101	Vertical	Pass
2	45.781	34.91	-25.33	40.0	5.09	Peak	58.80	101	Vertical	Pass
2*	45.781	23.48	-25.33	40.0	16.52	QP	58.80	101	Vertical	Pass
3	78.000	28.32	-31.36	40.0	11.68	Peak	143.80	101	Vertical	Pass
3*	78.000	24.72	-31.36	40.0	15.28	QP	143.80	101	Vertical	Pass
4	146.482	23.43	-29.89	43.5	20.07	Peak	182.80	182	Vertical	Pass
4*	146.482	9.94	-29.89	43.5	33.56	QP	182.80	182	Vertical	Pass
5	181.633	22.50	-27.75	43.5	21.00	Peak	251.50	178	Vertical	Pass
5*	181.633	9.70	-27.75	43.5	33.80	QP	251.50	178	Vertical	Pass
6	298.741	20.35	-23.28	46.0	25.65	Peak	219.60	108	Vertical	Pass
6*	298.741	9.14	-23.28	46.0	36.86	QP	219.60	108	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.40.25

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

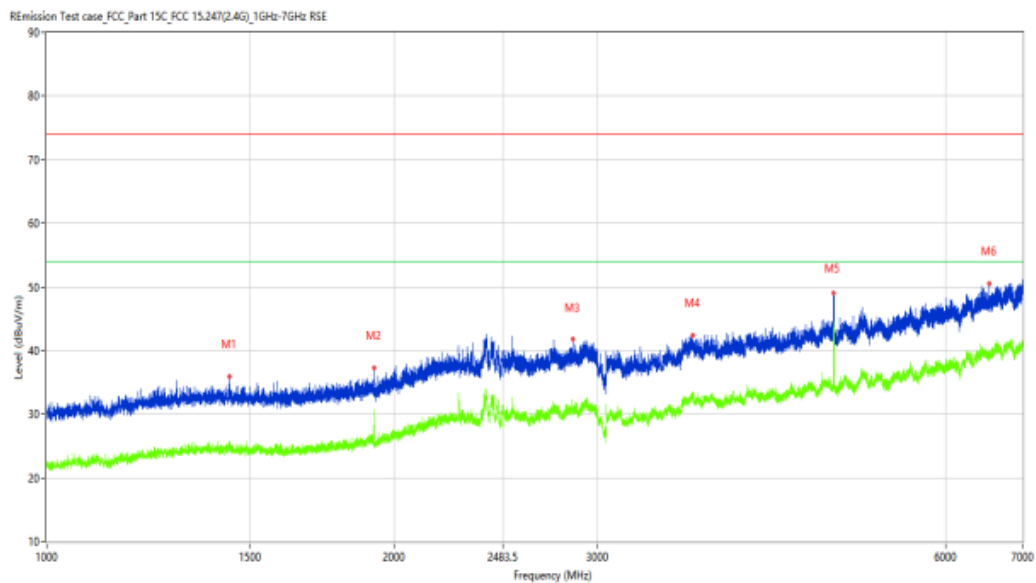
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.750	35.97	-13.56	74.0	38.03	Peak	323.70	100	Horizontal	Pass
1**	1439.750	25.72	-13.56	54.0	28.28	AV	323.70	100	Horizontal	Pass
2	1920.000	37.21	-12.39	74.0	36.79	Peak	0.00	100	Horizontal	Pass
2**	1920.000	29.09	-12.39	54.0	24.91	AV	0.00	100	Horizontal	Pass
3	2856.250	41.82	-5.57	74.0	32.18	Peak	161.90	100	Horizontal	Pass
3**	2856.250	30.70	-5.57	54.0	23.30	AV	161.90	100	Horizontal	Pass
4	3625.000	42.46	-2.53	74.0	31.54	Peak	0.00	100	Horizontal	Pass
4**	3625.000	33.37	-2.53	54.0	20.63	AV	0.00	100	Horizontal	Pass
5	4803.500	49.00	-1.76	74.0	25.00	Peak	102.90	100	Horizontal	Pass
5**	4803.500	44.00	-1.76	54.0	10.00	AV	102.90	100	Horizontal	Pass
6	6547.000	50.57	2.76	74.0	23.43	Peak	315.70	100	Horizontal	Pass
6**	6547.000	39.85	2.76	54.0	14.15	AV	315.70	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.27.36

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

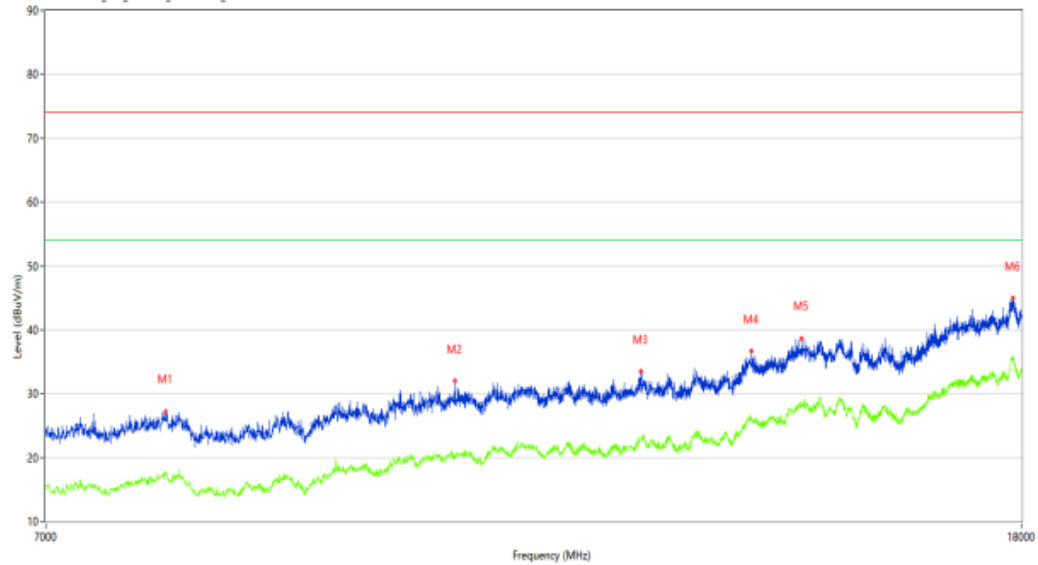
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7863.500	27.15	1.17	74.0	46.85	Peak	185.10	100	Horizontal	Pass
1**	7863.500	17.44	1.17	54.0	36.56	AV	185.10	100	Horizontal	Pass
2	10399.000	31.94	3.76	74.0	42.06	Peak	159.90	100	Horizontal	Pass
2**	10399.000	19.91	3.76	54.0	34.09	AV	159.90	100	Horizontal	Pass
3	12453.250	33.49	5.02	74.0	40.51	Peak	268.40	100	Horizontal	Pass
3**	12453.250	23.33	5.02	54.0	30.67	AV	268.40	100	Horizontal	Pass
4	13861.250	36.63	7.60	74.0	37.37	Peak	360.00	100	Horizontal	Pass
4**	13861.250	26.23	7.60	54.0	27.77	AV	360.00	100	Horizontal	Pass
5	14548.750	38.69	9.87	74.0	35.31	Peak	171.80	100	Horizontal	Pass
5**	14548.750	28.37	9.87	54.0	25.63	AV	171.80	100	Horizontal	Pass
6	17846.000	44.97	15.96	74.0	29.03	Peak	281.20	100	Horizontal	Pass
6**	17846.000	35.39	15.96	54.0	18.61	AV	281.20	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.55.27

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

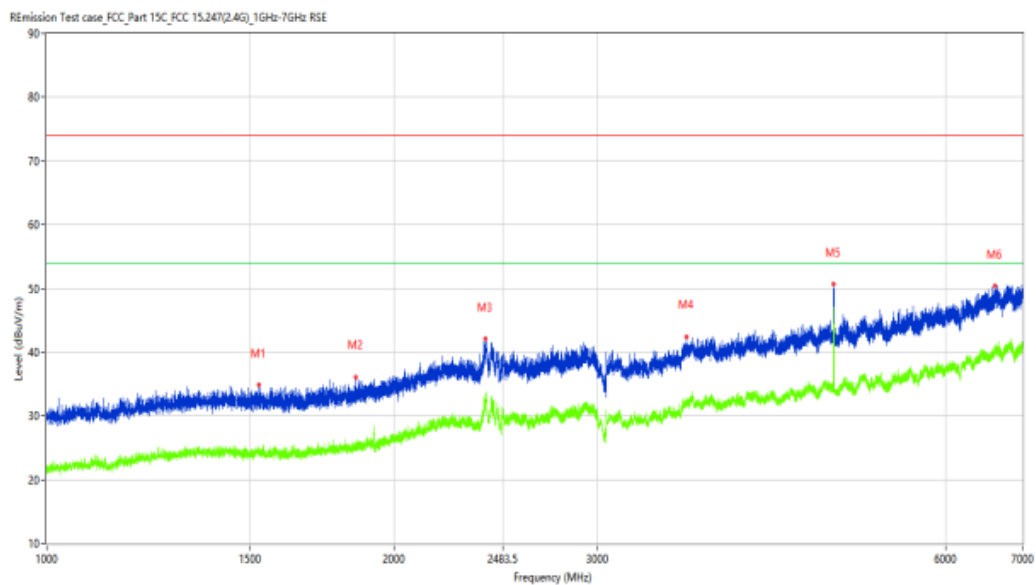
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.000	34.85	-13.66	74.0	39.15	Peak	46.70	100	Vertical	Pass
1**	1526.000	24.90	-13.66	54.0	29.10	AV	46.70	100	Vertical	Pass
2	1851.750	36.01	-12.80	74.0	37.99	Peak	186.50	100	Vertical	Pass
2**	1851.750	25.46	-12.80	54.0	28.54	AV	186.50	100	Vertical	Pass
3	2398.750	42.05	-4.93	74.0	31.95	Peak	349.90	100	Vertical	Pass
3**	2398.750	33.57	-4.93	54.0	20.43	AV	349.90	100	Vertical	Pass
4	3578.500	42.33	-3.08	74.0	31.67	Peak	70.30	100	Vertical	Pass
4**	3578.500	32.66	-3.08	54.0	21.34	AV	70.30	100	Vertical	Pass
5	4804.500	50.64	-1.78	74.0	23.36	Peak	81.20	100	Vertical	Pass
5**	4804.500	46.99	-1.78	54.0	7.01	AV	81.20	100	Vertical	Pass
6	6624.500	50.34	3.56	74.0	23.66	Peak	170.90	100	Vertical	Pass
6**	6624.500	40.32	3.56	54.0	13.68	AV	170.90	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.40.56

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

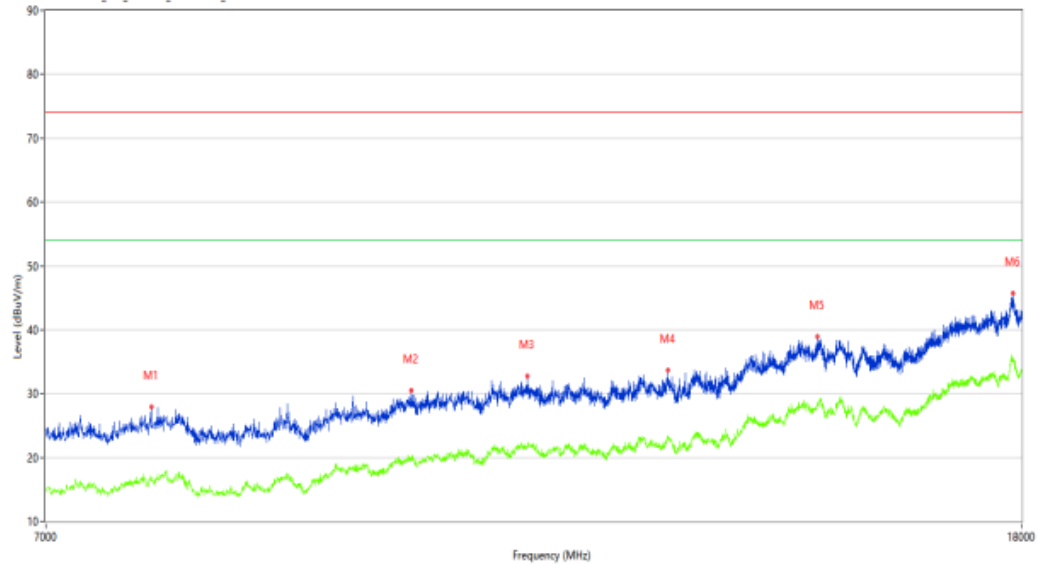
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7753.500	27.90	0.44	74.0	46.10	Peak	139.30	100	Vertical	Pass
1**	7753.500	17.00	0.44	54.0	37.00	AV	139.30	100	Vertical	Pass
2	9972.750	30.44	3.66	74.0	43.56	Peak	79.80	100	Vertical	Pass
2**	9972.750	20.15	3.66	54.0	33.85	AV	79.80	100	Vertical	Pass
3	11152.500	32.75	4.03	74.0	41.25	Peak	139.30	100	Vertical	Pass
3**	11152.500	21.72	4.03	54.0	32.28	AV	139.30	100	Vertical	Pass
4	12786.000	33.69	5.71	74.0	40.31	Peak	360.00	100	Vertical	Pass
4**	12786.000	22.90	5.71	54.0	31.10	AV	360.00	100	Vertical	Pass
5	14771.500	38.92	10.78	74.0	35.08	Peak	355.30	100	Vertical	Pass
5**	14771.500	28.30	10.78	54.0	25.70	AV	355.30	100	Vertical	Pass
6	17851.501	45.73	15.69	74.0	28.27	Peak	332.10	100	Vertical	Pass
6**	17851.501	35.00	15.69	54.0	19.00	AV	332.10	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.34.49

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

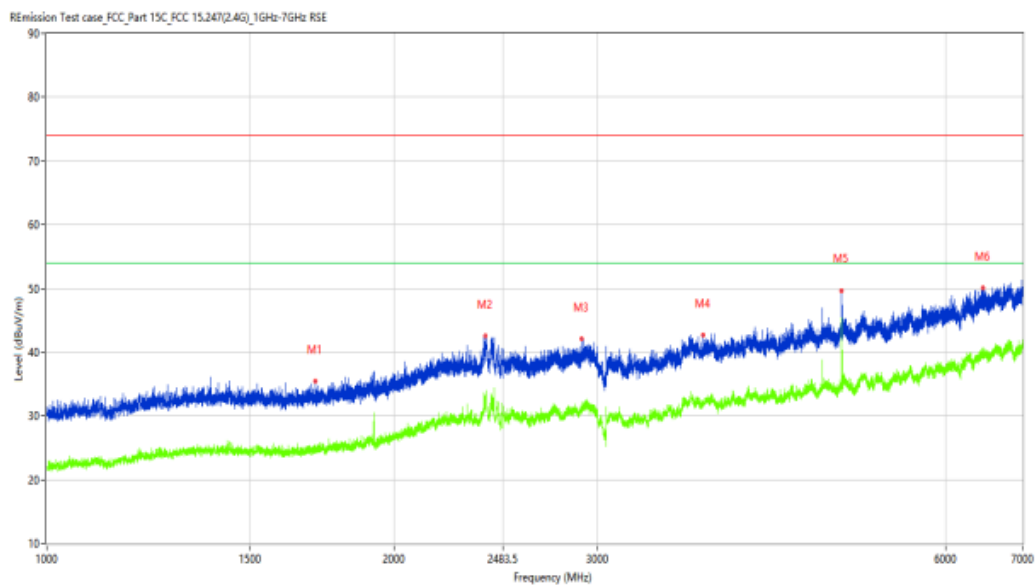
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1709.500	35.48	-13.53	74.0	38.52	Peak	52.60	100	Horizontal	Pass
1**	1709.500	25.29	-13.53	54.0	28.71	AV	52.60	100	Horizontal	Pass
2	2399.750	42.56	-4.93	74.0	31.44	Peak	258.00	100	Horizontal	Pass
2**	2399.750	33.20	-4.93	54.0	20.80	AV	258.00	100	Horizontal	Pass
3	2906.500	42.11	-5.03	74.0	31.89	Peak	258.00	100	Horizontal	Pass
3**	2906.500	31.39	-5.03	54.0	22.61	AV	258.00	100	Horizontal	Pass
4	3702.000	42.71	-3.11	74.0	31.29	Peak	360.00	100	Horizontal	Pass
4**	3702.000	32.22	-3.11	54.0	21.78	AV	360.00	100	Horizontal	Pass
5	4881.000	49.69	-0.78	74.0	24.31	Peak	108.90	100	Horizontal	Pass
5**	4881.000	43.31	-0.78	54.0	10.69	AV	108.90	100	Horizontal	Pass
6	6469.500	50.05	3.05	74.0	23.95	Peak	217.10	100	Horizontal	Pass
6**	6469.500	40.24	3.05	54.0	13.76	AV	217.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17:35.12

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

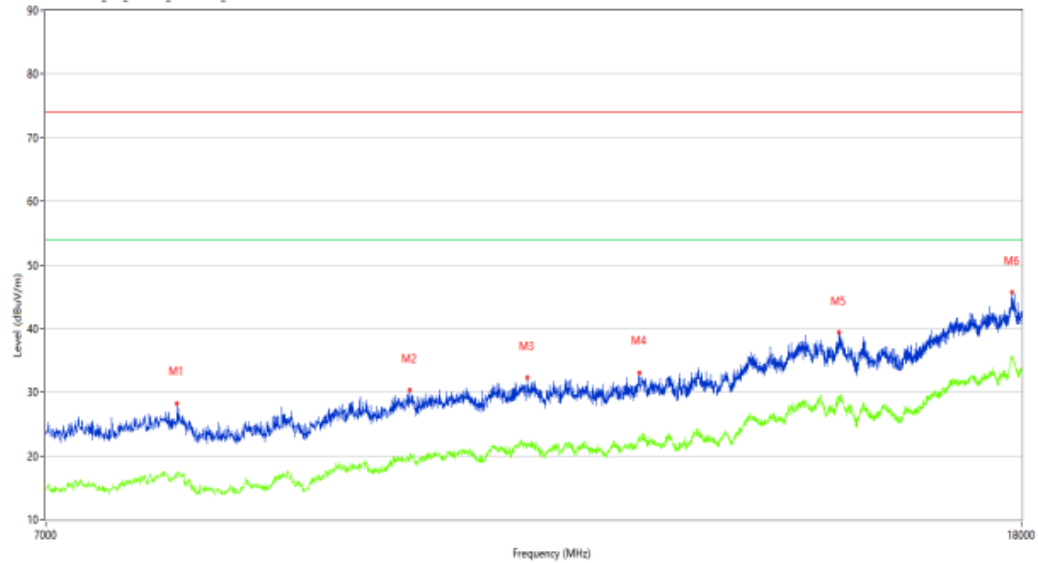
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7948.750	28.28	0.72	74.0	45.72	Peak	0.00	100	Horizontal	Pass
1**	7948.750	17.44	0.72	54.0	36.56	AV	0.00	100	Horizontal	Pass
2	9953.500	30.36	3.62	74.0	43.64	Peak	333.00	100	Horizontal	Pass
2**	9953.500	19.42	3.62	54.0	34.58	AV	333.00	100	Horizontal	Pass
3	11152.500	32.32	4.03	74.0	41.68	Peak	31.80	100	Horizontal	Pass
3**	11152.500	21.79	4.03	54.0	32.21	AV	31.80	100	Horizontal	Pass
4	12434.000	33.11	4.50	74.0	40.89	Peak	283.40	100	Horizontal	Pass
4**	12434.000	22.47	4.50	54.0	31.53	AV	283.40	100	Horizontal	Pass
5	15082.250	39.32	10.18	74.0	34.68	Peak	270.80	100	Horizontal	Pass
5**	15082.250	28.56	10.18	54.0	25.44	AV	270.80	100	Horizontal	Pass
6	17829.501	45.67	15.63	74.0	28.33	Peak	126.40	100	Horizontal	Pass
6**	17829.501	34.98	15.63	54.0	19.02	AV	126.40	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.02.25

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

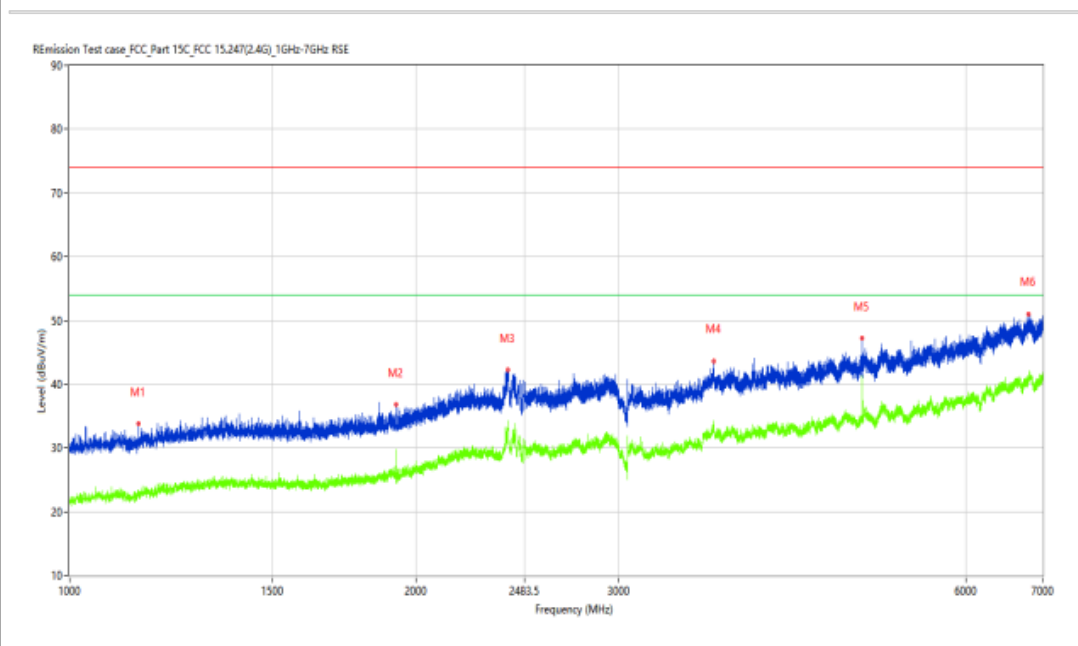
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1147.250	33.75	-14.88	74.0	40.25	Peak	231.60	100	Vertical	Pass
1**	1147.250	23.29	-14.88	54.0	30.71	AV	231.60	100	Vertical	Pass
2	1920.500	36.74	-12.39	74.0	37.26	Peak	167.60	100	Vertical	Pass
2**	1920.500	26.82	-12.39	54.0	27.18	AV	167.60	100	Vertical	Pass
3	2401.750	42.26	-4.93	74.0	31.74	Peak	103.30	100	Vertical	Pass
3**	2401.750	33.48	-4.93	54.0	20.52	AV	103.30	100	Vertical	Pass
4	3626.000	43.54	-2.49	74.0	30.46	Peak	303.60	100	Vertical	Pass
4**	3626.000	32.92	-2.49	54.0	21.08	AV	303.60	100	Vertical	Pass
5	4880.000	47.29	-0.77	74.0	26.71	Peak	19.20	100	Vertical	Pass
5**	4880.000	41.32	-0.77	54.0	12.68	AV	19.20	100	Vertical	Pass
6	6802.500	50.92	4.13	74.0	23.08	Peak	293.00	100	Vertical	Pass
6**	6802.500	40.85	4.13	54.0	13.15	AV	293.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.43.23

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

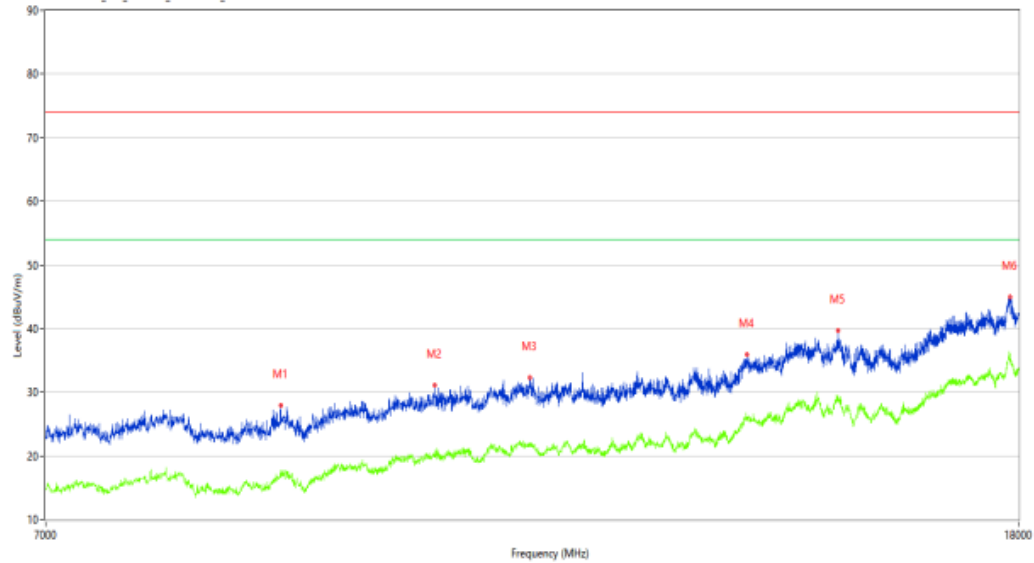
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247 7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8793.000	27.87	0.05	74.0	46.13	Peak	234.30	100	Vertical	Pass
1**	8793.000	17.11	0.05	54.0	36.89	AV	234.30	100	Vertical	Pass
2	10214.750	31.03	3.47	74.0	42.97	Peak	358.40	100	Vertical	Pass
2**	10214.750	20.11	3.47	54.0	33.89	AV	358.40	100	Vertical	Pass
3	11196.500	32.32	4.10	74.0	41.68	Peak	184.40	100	Vertical	Pass
3**	11196.500	22.05	4.10	54.0	31.95	AV	184.40	100	Vertical	Pass
4	13828.250	35.88	7.81	74.0	38.12	Peak	261.20	100	Vertical	Pass
4**	13828.250	26.03	7.81	54.0	27.97	AV	261.20	100	Vertical	Pass
5	15109.750	39.67	9.72	74.0	34.33	Peak	234.30	100	Vertical	Pass
5**	15109.750	28.82	9.72	54.0	25.18	AV	234.30	100	Vertical	Pass
6	17846.000	44.93	15.96	74.0	29.07	Peak	0.00	100	Vertical	Pass
6**	17846.000	36.03	15.96	54.0	17.97	AV	0.00	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_17.01.59

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

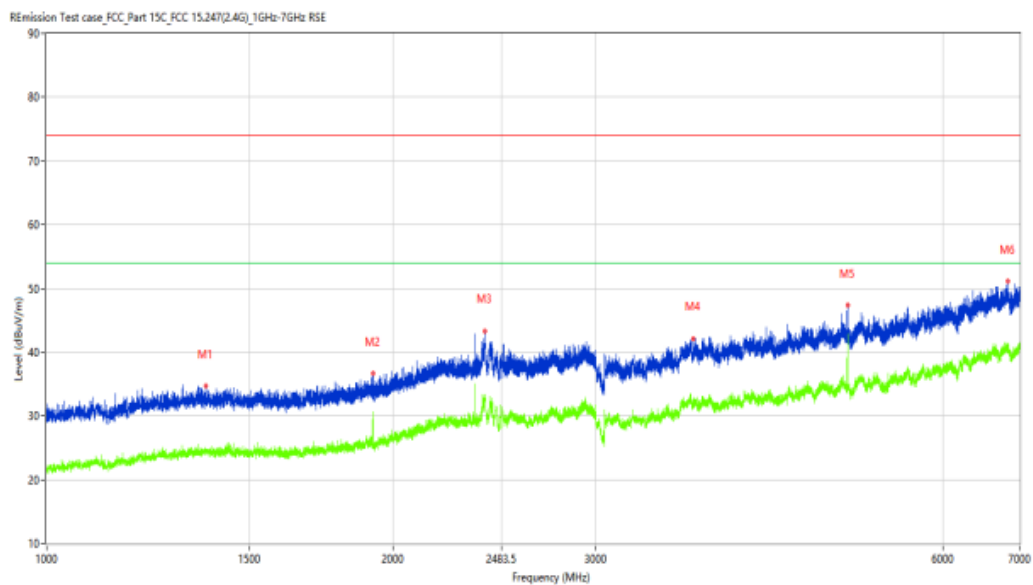
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1375.250	34.65	-13.57	74.0	39.35	Peak	297.50	100	Horizontal	Pass
1**	1375.250	24.39	-13.57	54.0	29.61	AV	297.50	100	Horizontal	Pass
2	1919.750	36.60	-12.38	74.0	37.40	Peak	318.10	100	Horizontal	Pass
2**	1919.750	30.14	-12.38	54.0	23.86	AV	318.10	100	Horizontal	Pass
3	2402.750	43.37	-4.93	74.0	30.63	Peak	360.00	100	Horizontal	Pass
3**	2402.750	32.49	-4.93	54.0	21.51	AV	360.00	100	Horizontal	Pass
4	3643.000	42.15	-2.88	74.0	31.85	Peak	329.80	100	Horizontal	Pass
4**	3643.000	32.64	-2.88	54.0	21.36	AV	329.80	100	Horizontal	Pass
5	4960.500	47.34	-0.98	74.0	26.66	Peak	49.30	100	Horizontal	Pass
5**	4960.500	42.78	-0.98	54.0	11.22	AV	49.30	100	Horizontal	Pass
6	6830.500	51.20	4.17	74.0	22.80	Peak	49.30	100	Horizontal	Pass
6**	6830.500	41.01	4.17	54.0	12.99	AV	49.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17:38.31

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7874.500	27.70	0.95	74.0	46.30	Peak	340.80	100	Horizontal	Pass
1**	7874.500	17.50	0.95	54.0	36.50	AV	340.80	100	Horizontal	Pass
2	9882.000	29.64	2.97	74.0	44.36	Peak	354.60	100	Horizontal	Pass
2**	9882.000	19.15	2.97	54.0	34.85	AV	354.60	100	Horizontal	Pass
3	10786.750	32.53	4.69	74.0	41.47	Peak	303.00	100	Horizontal	Pass
3**	10786.750	21.75	4.69	54.0	32.25	AV	303.00	100	Horizontal	Pass
4	12489.000	34.54	5.11	74.0	39.46	Peak	265.90	100	Horizontal	Pass
4**	12489.000	22.68	5.11	54.0	31.32	AV	265.90	100	Horizontal	Pass
5	14372.750	38.13	10.57	74.0	35.87	Peak	0.00	100	Horizontal	Pass
5**	14372.750	28.06	10.57	54.0	25.94	AV	0.00	100	Horizontal	Pass
6	17835.000	46.19	15.84	74.0	27.81	Peak	360.00	100	Horizontal	Pass
6**	17835.000	35.72	15.84	54.0	18.28	AV	360.00	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.39.18

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

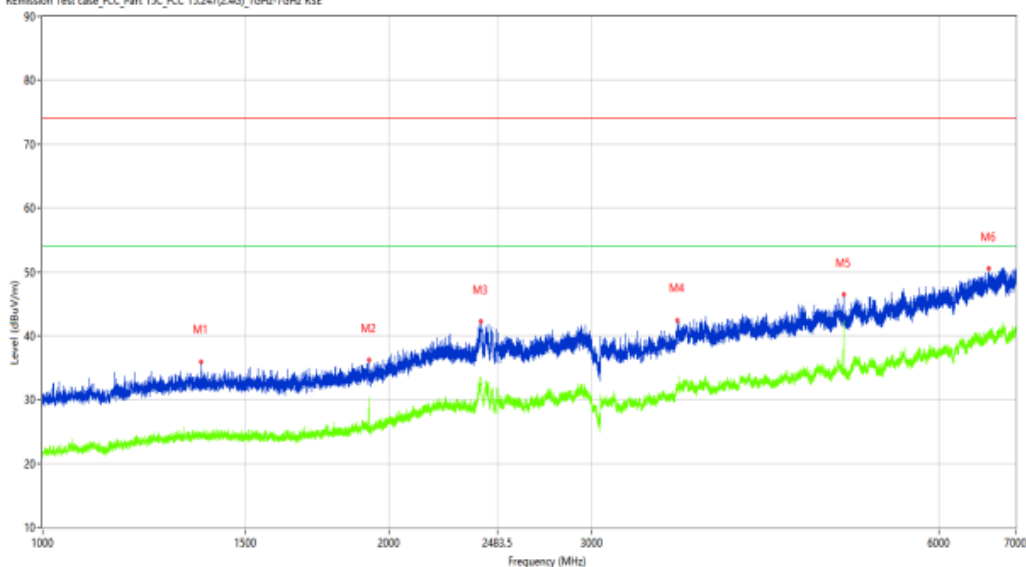
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.750	35.98	-13.55	74.0	38.02	Peak	278.50	100	Vertical	Pass
1**	1372.750	24.45	-13.55	54.0	29.55	AV	278.50	100	Vertical	Pass
2	1920.000	36.25	-12.39	74.0	37.75	Peak	0.00	100	Vertical	Pass
2**	1920.000	30.26	-12.39	54.0	23.74	AV	0.00	100	Vertical	Pass
3	2403.000	42.26	-4.93	74.0	31.74	Peak	278.50	100	Vertical	Pass
3**	2403.000	33.24	-4.93	54.0	20.76	AV	278.50	100	Vertical	Pass
4	3557.000	42.39	-2.84	74.0	31.61	Peak	316.90	100	Vertical	Pass
4**	3557.000	32.10	-2.84	54.0	21.90	AV	316.90	100	Vertical	Pass
5	4959.500	46.39	-1.00	74.0	27.61	Peak	75.70	100	Vertical	Pass
5**	4959.500	40.35	-1.00	54.0	13.65	AV	75.70	100	Vertical	Pass
6	6636.000	50.58	3.71	74.0	23.42	Peak	75.70	100	Vertical	Pass
6**	6636.000	39.63	3.71	54.0	14.37	AV	75.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.46.52

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7965.250	27.66	1.16	74.0	46.34	Peak	227.10	100	Vertical	Pass
1**	7965.250	17.46	1.16	54.0	36.54	AV	227.10	100	Vertical	Pass
2	9868.250	30.03	2.98	74.0	43.97	Peak	272.10	100	Vertical	Pass
2**	9868.250	19.72	2.98	54.0	34.28	AV	272.10	100	Vertical	Pass
3	11083.750	32.56	4.69	74.0	41.44	Peak	33.10	100	Vertical	Pass
3**	11083.750	22.50	4.69	54.0	31.50	AV	33.10	100	Vertical	Pass
4	13091.250	33.40	5.90	74.0	40.60	Peak	360.00	100	Vertical	Pass
4**	13091.250	23.39	5.90	54.0	30.61	AV	360.00	100	Vertical	Pass
5	15085.000	38.99	10.20	74.0	35.01	Peak	284.90	100	Vertical	Pass
5**	15085.000	28.81	10.20	54.0	25.19	AV	284.90	100	Vertical	Pass
6	17848.750	45.65	15.91	74.0	28.35	Peak	57.10	100	Vertical	Pass
6**	17848.750	35.54	15.91	54.0	18.46	AV	57.10	100	Vertical	Pass

BLE-1M-Bandedge -Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.47.00

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

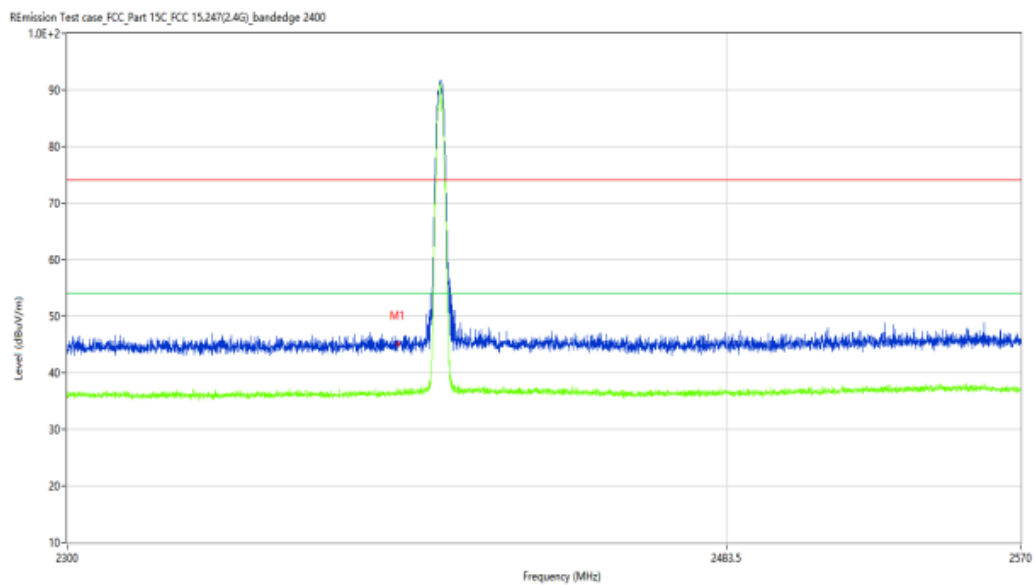
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	45.11	-10.74	74.0	28.89	Peak	173.03	100	H	Pass
1**	2390.000	36.47	-10.74	54.0	17.53	AV	173.03	100	H	Pass

BLE-1M-Bandedge -Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.18.28

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

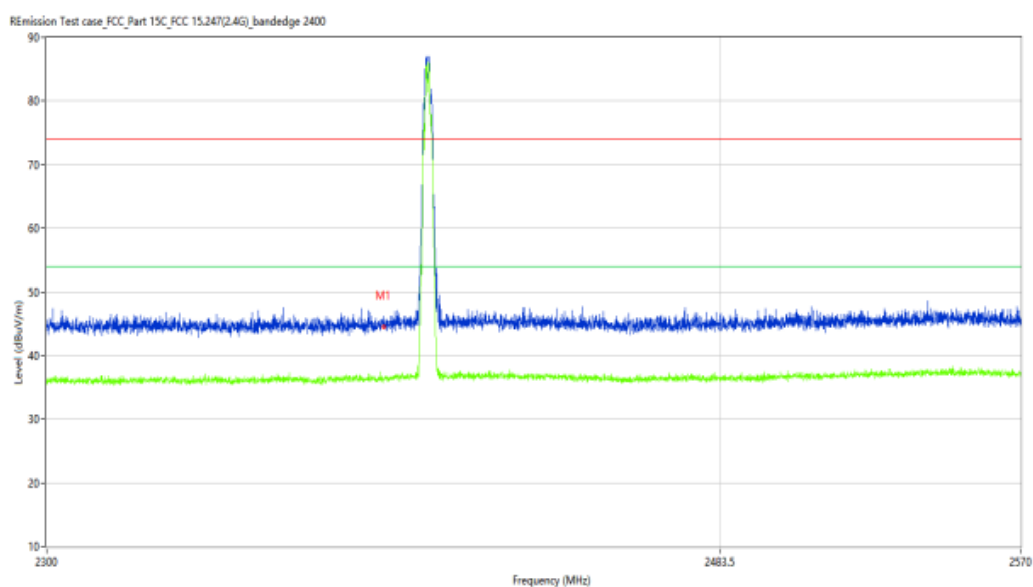
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	44.66	-10.74	74.0	29.34	Peak	46.68	100	V	Pass
1**	2390.000	36.40	-10.74	54.0	17.60	AV	46.68	100	V	Pass

BLE-1M-Bandedge -High channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.59.23

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

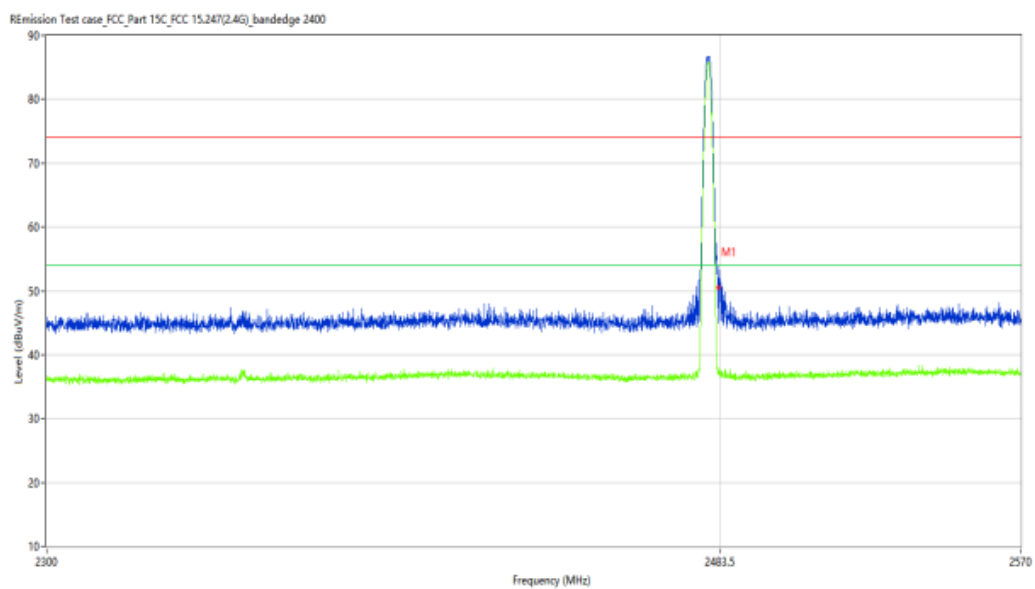
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.86	-10.74	74.0	23.14	Peak	165.00	100	H	Pass
1**	2483.500	37.34	-10.74	54.0	16.66	AV	165.00	100	H	Pass

BLE-1M-Bandedge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.33.37

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

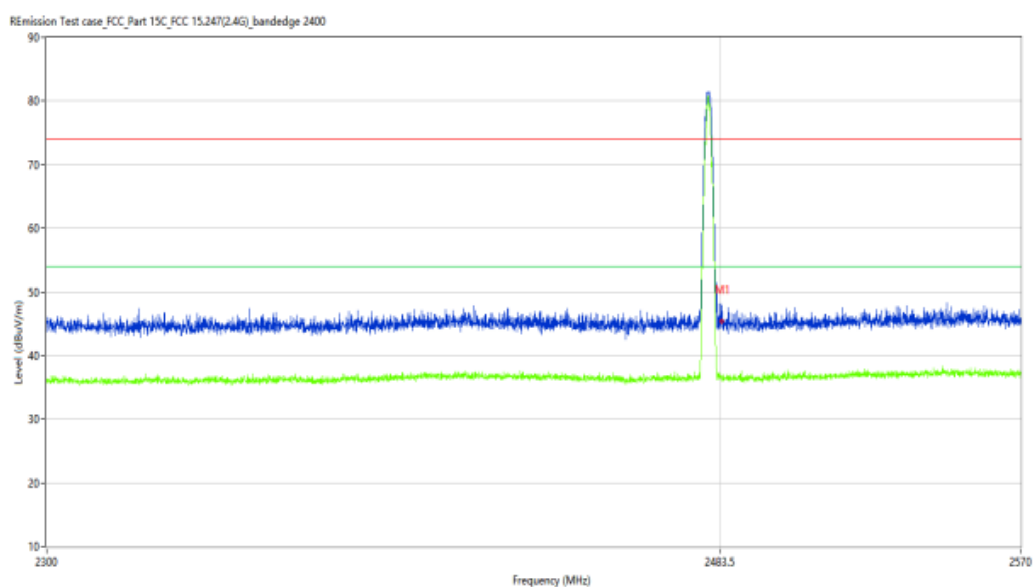
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	45.38	-10.74	74.0	28.62	Peak	186.59	100	V	Pass
1**	2483.500	36.80	-10.74	54.0	17.20	AV	186.59	100	V	Pass

30M-1G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-28_10.34.34

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

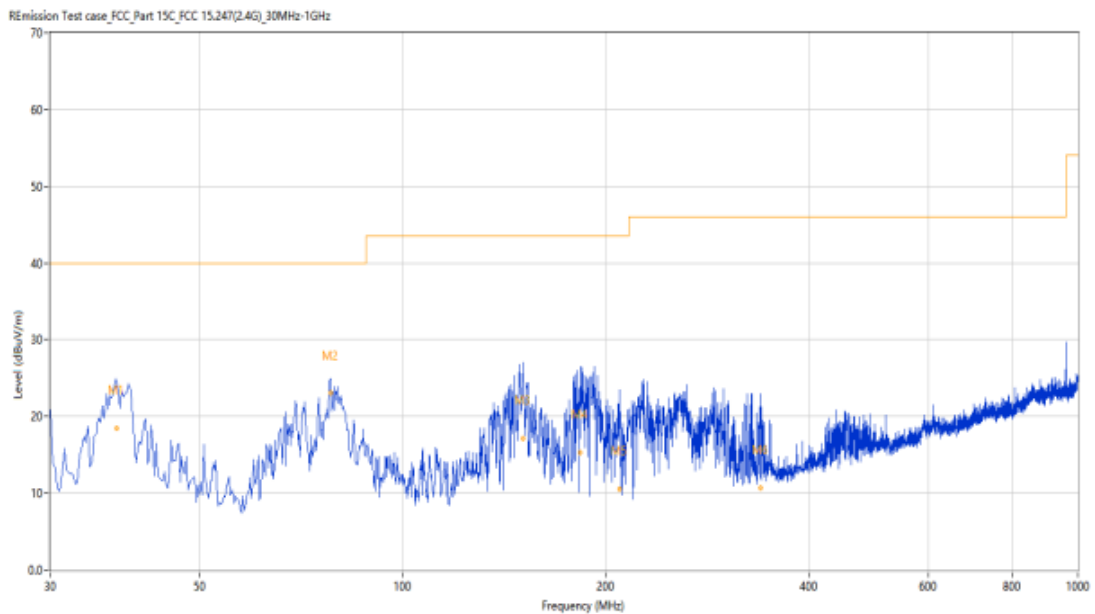
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.670	28.27	-27.31	40.0	11.73	Peak	214.30	167	Horizontal	Pass
1*	37.670	18.40	-27.31	40.0	21.60	QP	214.30	167	Horizontal	Pass
2	78.001	27.06	-31.38	40.0	12.94	Peak	285.00	234	Horizontal	Pass
2*	78.001	23.12	-31.38	40.0	16.88	QP	285.00	234	Horizontal	Pass
3	150.517	29.51	-29.72	43.5	13.99	Peak	210.60	147	Horizontal	Pass
3*	150.517	17.14	-29.72	43.5	26.36	QP	210.60	147	Horizontal	Pass
4	183.101	27.71	-27.64	43.5	15.79	Peak	149.10	174	Horizontal	Pass
4*	183.101	15.34	-27.64	43.5	28.16	QP	149.10	174	Horizontal	Pass
5	209.487	23.03	-26.36	43.5	20.47	Peak	155.50	214	Horizontal	Pass
5*	209.487	10.58	-26.36	43.5	32.92	QP	155.50	214	Horizontal	Pass
6	338.913	22.27	-21.90	46.0	23.73	Peak	185.70	107	Horizontal	Pass
6*	338.913	10.63	-21.90	46.0	35.37	QP	185.70	107	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-28_10.47.34

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

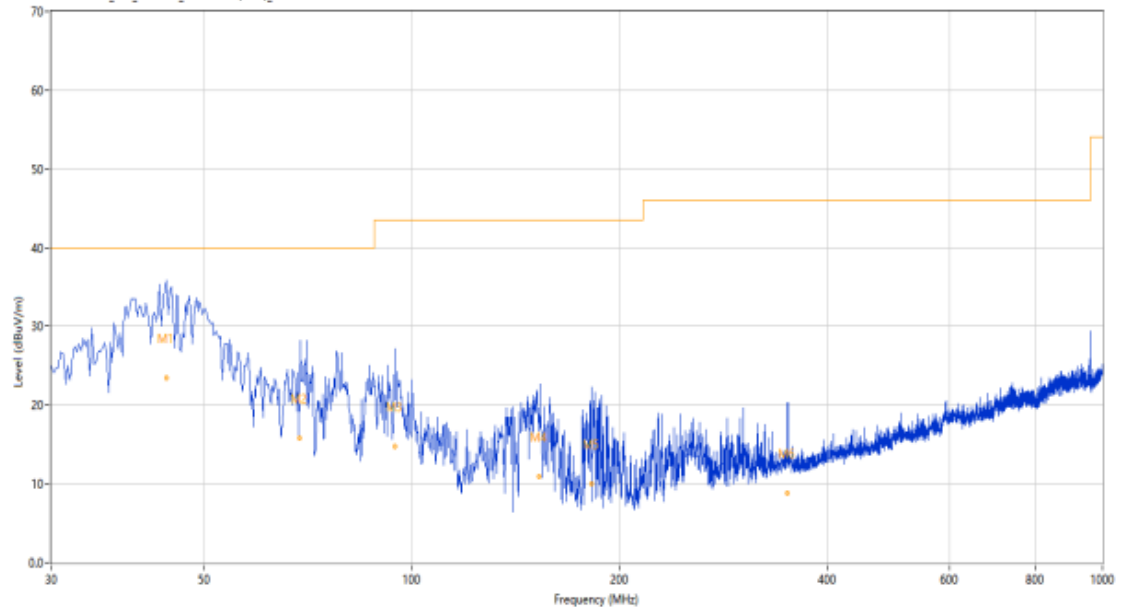
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.080	35.29	-25.52	40.0	4.71	Peak	0.00	106	Vertical	Pass
1*	44.080	23.46	-25.52	40.0	16.54	QP	0.00	106	Vertical	Pass
2	68.627	28.07	-28.91	40.0	11.93	Peak	121.00	100	Vertical	Pass
2*	68.627	15.81	-28.91	40.0	24.19	QP	121.00	100	Vertical	Pass
3	94.358	27.53	-27.21	43.5	15.97	Peak	0.00	102	Vertical	Pass
3*	94.358	14.83	-27.21	43.5	28.67	QP	0.00	102	Vertical	Pass
4	152.851	22.68	-29.57	43.5	20.82	Peak	247.00	150	Vertical	Pass
4*	152.851	10.88	-29.57	43.5	32.62	QP	247.00	150	Vertical	Pass
5	181.714	22.80	-27.75	43.5	20.70	Peak	255.60	138	Vertical	Pass
5*	181.714	10.01	-27.75	43.5	33.49	QP	255.60	138	Vertical	Pass
6	349.826	15.30	-20.96	46.0	30.70	Peak	0.00	257	Vertical	Pass
6*	349.826	8.84	-20.96	46.0	37.16	QP	0.00	257	Vertical	Pass

1-18G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.43.37

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

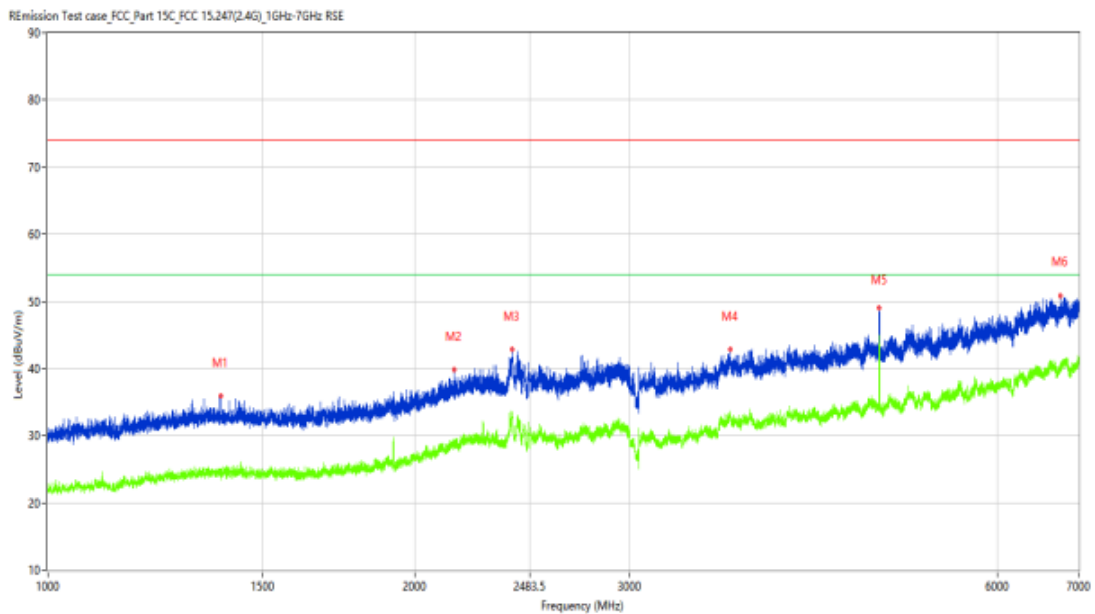
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.500	35.89	-13.50	74.0	38.11	Peak	164.50	100	Horizontal	Pass
1**	1385.500	24.59	-13.50	54.0	29.41	AV	164.50	100	Horizontal	Pass
2	2153.500	39.83	-9.66	74.0	34.17	Peak	176.40	100	Horizontal	Pass
2**	2153.500	28.83	-9.66	54.0	25.17	AV	176.40	100	Horizontal	Pass
3	2402.500	42.83	-4.93	74.0	31.17	Peak	56.80	100	Horizontal	Pass
3**	2402.500	33.57	-4.93	54.0	20.43	AV	56.80	100	Horizontal	Pass
4	3626.500	42.79	-2.47	74.0	31.21	Peak	39.70	100	Horizontal	Pass
4**	3626.500	33.08	-2.47	54.0	20.92	AV	39.70	100	Horizontal	Pass
5	4803.500	49.07	-1.76	74.0	24.93	Peak	62.70	100	Horizontal	Pass
5**	4803.500	44.03	-1.76	54.0	9.97	AV	62.70	100	Horizontal	Pass
6	6757.000	50.90	3.37	74.0	23.10	Peak	137.30	100	Horizontal	Pass
6**	6757.000	40.43	3.37	54.0	13.57	AV	137.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.16.05

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

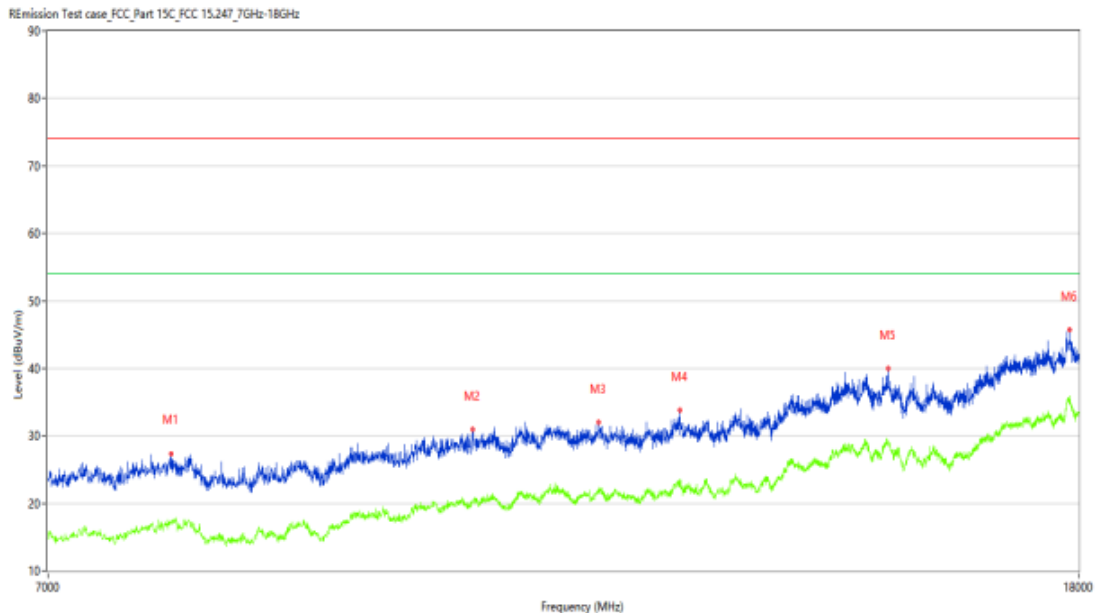
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7836.000	27.40	0.98	74.0	46.60	Peak	303.40	100	Horizontal	Pass
1**	7836.000	16.98	0.98	54.0	37.02	AV	303.40	100	Horizontal	Pass
2	10333.000	30.92	4.05	74.0	43.08	Peak	52.60	100	Horizontal	Pass
2**	10333.000	20.39	4.05	54.0	33.61	AV	52.60	100	Horizontal	Pass
3	11592.500	32.02	5.12	74.0	41.98	Peak	360.00	100	Horizontal	Pass
3**	11592.500	21.86	5.12	54.0	32.14	AV	360.00	100	Horizontal	Pass
4	12489.000	33.79	5.11	74.0	40.21	Peak	173.90	100	Horizontal	Pass
4**	12489.000	23.26	5.11	54.0	30.74	AV	173.90	100	Horizontal	Pass
5	15112.500	39.93	9.57	74.0	34.07	Peak	162.30	100	Horizontal	Pass
5**	15112.500	28.75	9.57	54.0	25.25	AV	162.30	100	Horizontal	Pass
6	17848.750	45.67	15.91	74.0	28.33	Peak	15.80	100	Horizontal	Pass
6**	17848.750	35.65	15.91	54.0	18.35	AV	15.80	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.51.32

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

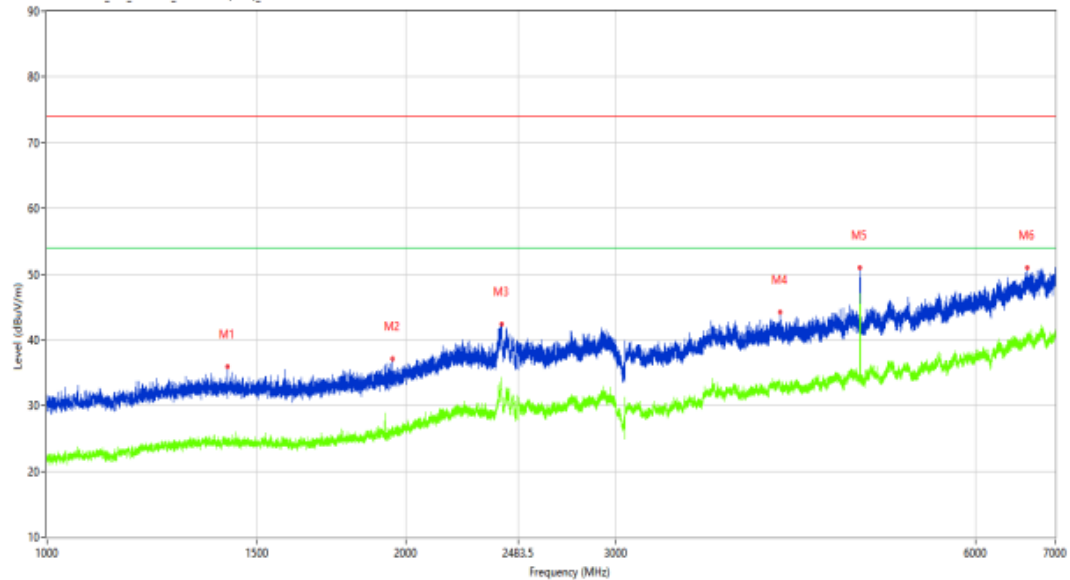
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

R/Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1416.250	35.92	-13.50	74.0	38.08	Peak	143.50	100	Vertical	Pass
1**	1416.250	25.11	-13.50	54.0	28.89	AV	143.50	100	Vertical	Pass
2	1948.750	37.06	-11.93	74.0	36.94	Peak	56.10	100	Vertical	Pass
2**	1948.750	26.15	-11.93	54.0	27.85	AV	56.10	100	Vertical	Pass
3	2404.250	42.36	-5.01	74.0	31.64	Peak	66.80	100	Vertical	Pass
3**	2404.250	32.20	-5.01	54.0	21.80	AV	66.80	100	Vertical	Pass
4	4114.000	44.18	-1.99	74.0	29.82	Peak	297.40	100	Vertical	Pass
4**	4114.000	33.62	-1.99	54.0	20.38	AV	297.40	100	Vertical	Pass
5	4803.500	51.01	-1.76	74.0	22.99	Peak	43.90	100	Vertical	Pass
5**	4803.500	46.30	-1.76	54.0	7.70	AV	43.90	100	Vertical	Pass
6	6629.000	50.93	3.79	74.0	23.07	Peak	164.00	100	Vertical	Pass
6**	6629.000	39.88	3.79	54.0	14.12	AV	164.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.49.11

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7863.500	27.30	1.17	74.0	46.70	Peak	76.00	100	Vertical	Pass
1**	7863.500	17.03	1.17	54.0	36.97	AV	76.00	100	Vertical	Pass
2	9849.000	29.44	2.96	74.0	44.56	Peak	246.50	100	Vertical	Pass
2**	9849.000	19.44	2.96	54.0	34.56	AV	246.50	100	Vertical	Pass
3	11466.000	32.01	4.85	74.0	41.99	Peak	211.10	100	Vertical	Pass
3**	11466.000	21.12	4.85	54.0	32.88	AV	211.10	100	Vertical	Pass
4	14372.750	38.20	10.57	74.0	35.80	Peak	283.30	100	Vertical	Pass
4**	14372.750	27.54	10.57	54.0	26.46	AV	283.30	100	Vertical	Pass
5	16814.750	42.46	12.46	74.0	31.54	Peak	258.80	100	Vertical	Pass
5**	16814.750	31.63	12.46	54.0	22.37	AV	258.80	100	Vertical	Pass
6	17848.750	45.52	15.91	74.0	28.48	Peak	308.50	100	Vertical	Pass
6**	17848.750	35.70	15.91	54.0	18.30	AV	308.50	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.31.20

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

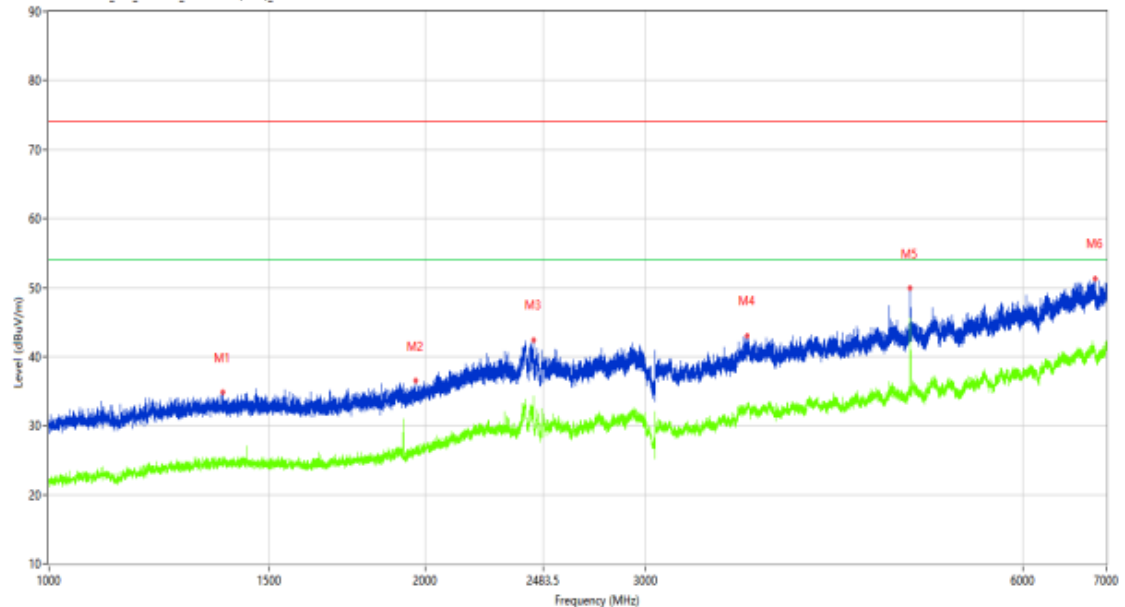
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.000	34.80	-13.58	74.0	39.20	Peak	130.70	100	Horizontal	Pass
1**	1377.000	25.04	-13.58	54.0	28.96	AV	130.70	100	Horizontal	Pass
2	1963.000	36.51	-12.04	74.0	37.49	Peak	197.40	100	Horizontal	Pass
2**	1963.000	26.25	-12.04	54.0	27.75	AV	197.40	100	Horizontal	Pass
3	2439.750	42.44	-6.10	74.0	31.56	Peak	207.80	100	Horizontal	Pass
3**	2439.750	34.24	-6.10	54.0	19.76	AV	207.80	100	Horizontal	Pass
4	3616.000	43.04	-2.76	74.0	30.96	Peak	100.50	100	Horizontal	Pass
4**	3616.000	32.34	-2.76	54.0	21.66	AV	100.50	100	Horizontal	Pass
5	4879.500	49.86	-0.76	74.0	24.14	Peak	11.50	100	Horizontal	Pass
5**	4879.500	44.49	-0.76	54.0	9.51	AV	11.50	100	Horizontal	Pass
6	6852.000	51.35	3.93	74.0	22.65	Peak	0.00	100	Horizontal	Pass
6**	6852.000	41.04	3.93	54.0	12.96	AV	0.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.21.33

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7968.000	27.36	1.15	74.0	46.64	Peak	356.30	100	Horizontal	Pass
1**	7968.000	17.14	1.15	54.0	36.86	AV	356.30	100	Horizontal	Pass
2	10297.250	31.26	3.54	74.0	42.74	Peak	88.60	100	Horizontal	Pass
2**	10297.250	19.66	3.54	54.0	34.34	AV	88.60	100	Horizontal	Pass
3	11125.000	32.36	4.19	74.0	41.64	Peak	160.50	100	Horizontal	Pass
3**	11125.000	21.71	4.19	54.0	32.29	AV	160.50	100	Horizontal	Pass
4	12453.250	33.58	5.02	74.0	40.42	Peak	320.20	100	Horizontal	Pass
4**	12453.250	23.30	5.02	54.0	30.70	AV	320.20	100	Horizontal	Pass
5	15087.750	39.17	10.10	74.0	34.83	Peak	53.50	100	Horizontal	Pass
5**	15087.750	29.77	10.10	54.0	24.23	AV	53.50	100	Horizontal	Pass
6	17832.249	44.95	15.82	74.0	29.05	Peak	222.20	100	Horizontal	Pass
6**	17832.249	35.13	15.82	54.0	18.87	AV	222.20	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_16.07.53

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

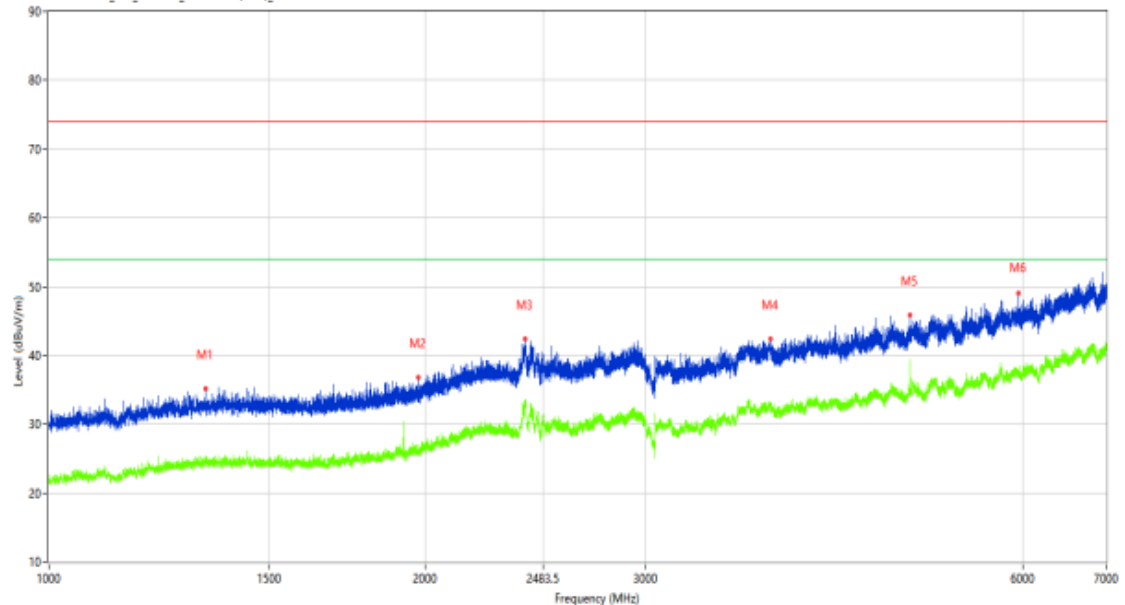
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

RÉmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.500	35.10	-13.71	74.0	38.90	Peak	76.10	100	Vertical	Pass
1**	1334.500	25.27	-13.71	54.0	28.73	AV	76.10	100	Vertical	Pass
2	1974.750	36.85	-11.98	74.0	37.15	Peak	296.00	100	Vertical	Pass
2**	1974.750	25.89	-11.98	54.0	28.11	AV	296.00	100	Vertical	Pass
3	2401.250	42.43	-4.93	74.0	31.57	Peak	33.10	100	Vertical	Pass
3**	2401.250	33.42	-4.93	54.0	20.58	AV	33.10	100	Vertical	Pass
4	3771.000	42.41	-2.66	74.0	31.59	Peak	1.40	100	Vertical	Pass
4**	3771.000	32.87	-2.66	54.0	21.13	AV	1.40	100	Vertical	Pass
5	4880.000	45.81	-0.77	74.0	28.19	Peak	89.60	100	Vertical	Pass
5**	4880.000	39.43	-0.77	54.0	14.57	AV	89.60	100	Vertical	Pass
6	5955.500	49.00	1.17	74.0	25.00	Peak	207.70	100	Vertical	Pass
6**	5955.500	37.17	1.17	54.0	16.83	AV	207.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.56.12

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

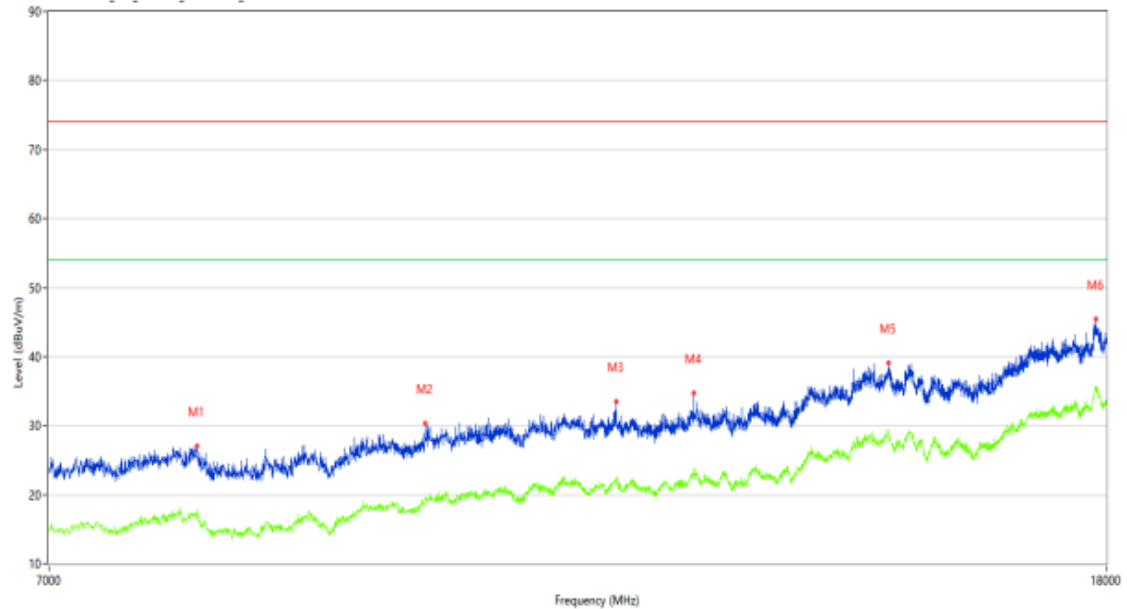
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7987.250	27.07	1.18	74.0	46.93	Peak	64.20	100	Vertical	Pass
1**	7987.250	16.46	1.18	54.0	37.54	AV	64.20	100	Vertical	Pass
2	9794.000	30.37	3.26	74.0	43.63	Peak	283.40	100	Vertical	Pass
2**	9794.000	19.23	3.26	54.0	34.77	AV	283.40	100	Vertical	Pass
3	11617.250	33.47	5.04	74.0	40.53	Peak	201.40	100	Vertical	Pass
3**	11617.250	22.38	5.04	54.0	31.62	AV	201.40	100	Vertical	Pass
4	12453.250	34.64	5.02	74.0	39.36	Peak	42.00	100	Vertical	Pass
4**	12453.250	22.97	5.02	54.0	31.03	AV	42.00	100	Vertical	Pass
5	14821.000	39.09	11.44	74.0	34.91	Peak	42.00	100	Vertical	Pass
5**	14821.000	28.55	11.44	54.0	25.45	AV	42.00	100	Vertical	Pass
6	17832.249	45.41	15.82	74.0	28.59	Peak	102.30	100	Vertical	Pass
6**	17832.249	35.29	15.82	54.0	18.71	AV	102.30	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_17.07.30

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

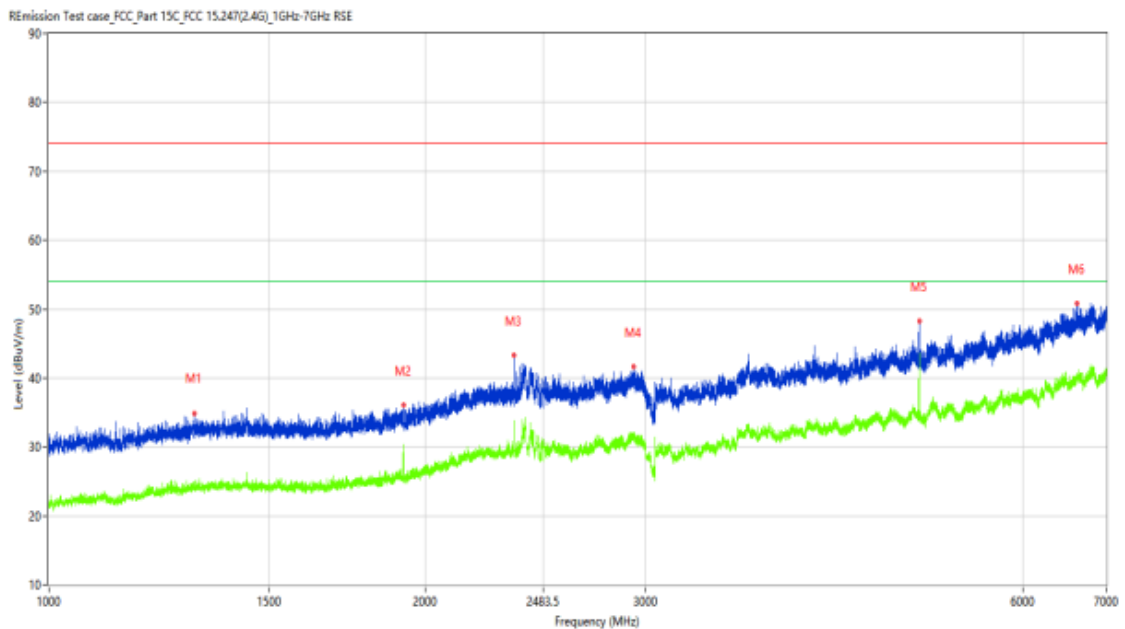
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



Test result

Project Number: Certification

Test Time: 2025-08-27_17.25.38

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7849.750	27.19	1.00	74.0	46.81	Peak	253.50	100	Horizontal	Pass
1**	7849.750	17.22	1.00	54.0	36.78	AV	253.50	100	Horizontal	Pass
2	10385.250	31.19	3.83	74.0	42.81	Peak	204.10	100	Horizontal	Pass
2**	10385.250	19.70	3.83	54.0	34.30	AV	204.10	100	Horizontal	Pass
3	11760.250	32.01	4.65	74.0	41.99	Peak	204.10	100	Horizontal	Pass
3**	11760.250	21.69	4.65	54.0	32.31	AV	204.10	100	Horizontal	Pass
4	14504.750	38.69	9.51	74.0	35.31	Peak	277.20	100	Horizontal	Pass
4**	14504.750	28.26	9.51	54.0	25.74	AV	277.20	100	Horizontal	Pass
5	16823.000	42.41	12.59	74.0	31.59	Peak	204.10	100	Horizontal	Pass
5**	16823.000	31.53	12.59	54.0	22.47	AV	204.10	100	Horizontal	Pass
6	17818.499	45.09	15.52	74.0	28.91	Peak	121.80	100	Horizontal	Pass
6**	17818.499	35.33	15.52	54.0	18.67	AV	121.80	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2025-08-27_15.45.15

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

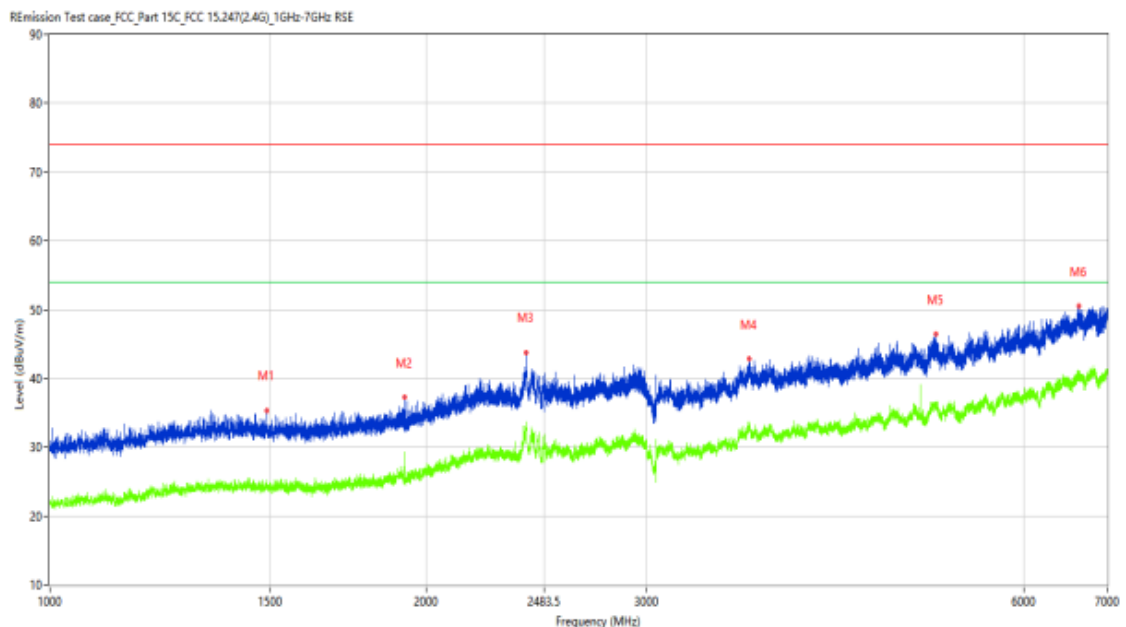
Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.250	35.37	-13.88	74.0	38.63	Peak	156.40	100	Vertical	Pass
1**	1491.250	24.46	-13.88	54.0	29.54	AV	156.40	100	Vertical	Pass
2	1920.000	37.27	-12.39	74.0	36.73	Peak	126.70	100	Vertical	Pass
2**	1920.000	29.36	-12.39	54.0	24.64	AV	126.70	100	Vertical	Pass
3	2400.750	43.69	-4.93	74.0	30.31	Peak	76.60	100	Vertical	Pass
3**	2400.750	32.97	-4.93	54.0	21.03	AV	76.60	100	Vertical	Pass
4	3622.000	42.89	-2.68	74.0	31.11	Peak	351.00	100	Vertical	Pass
4**	3622.000	32.93	-2.68	54.0	21.07	AV	351.00	100	Vertical	Pass
5	5107.500	46.50	0.29	74.0	27.50	Peak	273.20	100	Vertical	Pass
5**	5107.500	35.90	0.29	54.0	18.10	AV	273.20	100	Vertical	Pass
6	6645.000	50.46	3.86	74.0	23.54	Peak	183.20	100	Vertical	Pass
6**	6645.000	40.21	3.86	54.0	13.79	AV	183.20	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_17.58.05

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7847.000	27.63	1.03	74.0	46.37	Peak	4.10	100	Vertical	Pass
1**	7847.000	17.45	1.03	54.0	36.55	AV	4.10	100	Vertical	Pass
2	9967.250	30.90	3.65	74.0	43.10	Peak	360.00	100	Vertical	Pass
2**	9967.250	20.11	3.65	54.0	33.89	AV	360.00	100	Vertical	Pass
3	11202.000	32.29	4.08	74.0	41.71	Peak	89.00	100	Vertical	Pass
3**	11202.000	21.88	4.08	54.0	32.12	AV	89.00	100	Vertical	Pass
4	13792.500	36.05	7.50	74.0	37.95	Peak	125.80	100	Vertical	Pass
4**	13792.500	25.47	7.50	54.0	28.53	AV	125.80	100	Vertical	Pass
5	15087.750	39.00	10.10	74.0	35.00	Peak	76.10	100	Vertical	Pass
5**	15087.750	29.11	10.10	54.0	24.89	AV	76.10	100	Vertical	Pass
6	17824.000	45.79	15.60	74.0	28.21	Peak	175.20	100	Vertical	Pass
6**	17824.000	35.69	15.60	54.0	18.31	AV	175.20	100	Vertical	Pass

BLE-2M-Bandedge -Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2025-08-27_16.52.38

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

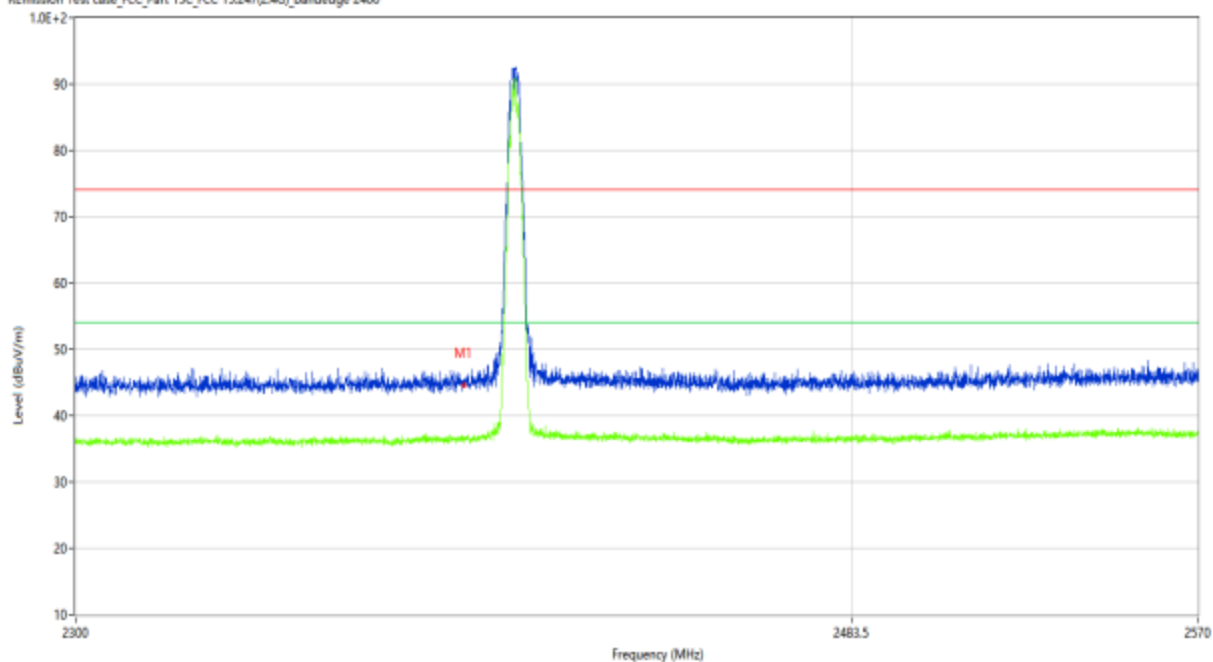
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	44.54	-10.74	74.0	29.46	Peak	51.40	100	H	Pass
1**	2390.000	36.11	-10.74	54.0	17.89	AV	51.40	100	H	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_15.25.21

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

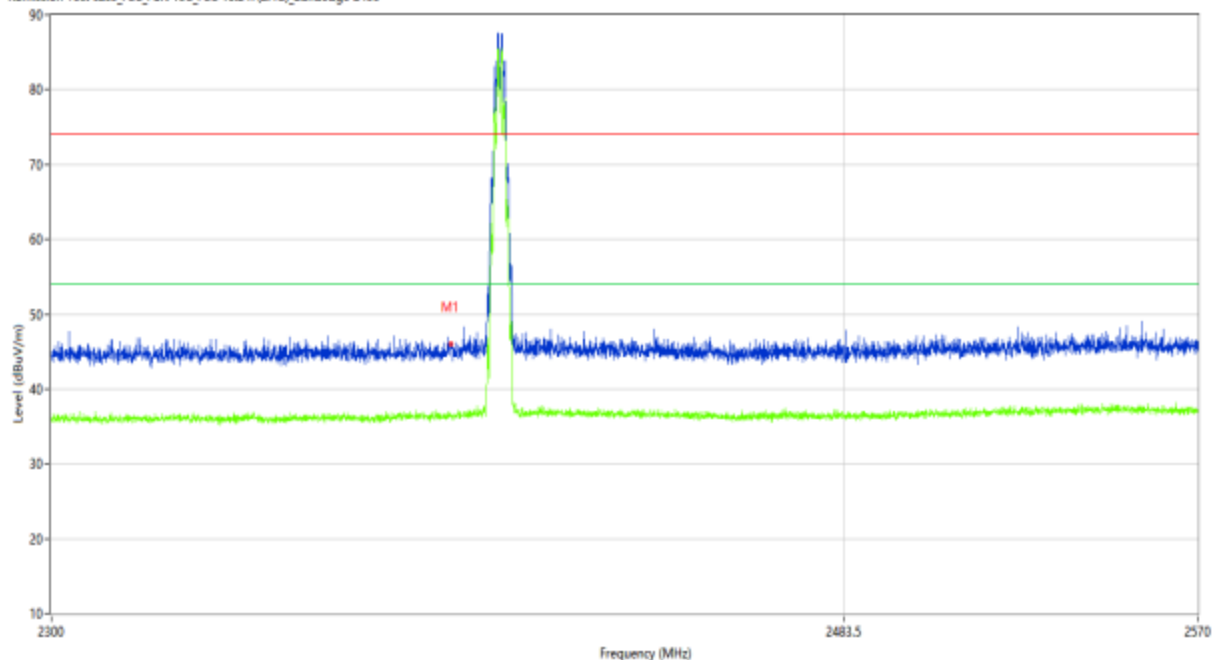
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	46.28	-10.74	74.0	27.72	Peak	71.65	100	V	Pass
1**	2390.000	36.26	-10.74	54.0	17.74	AV	71.65	100	V	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_16.54.55

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

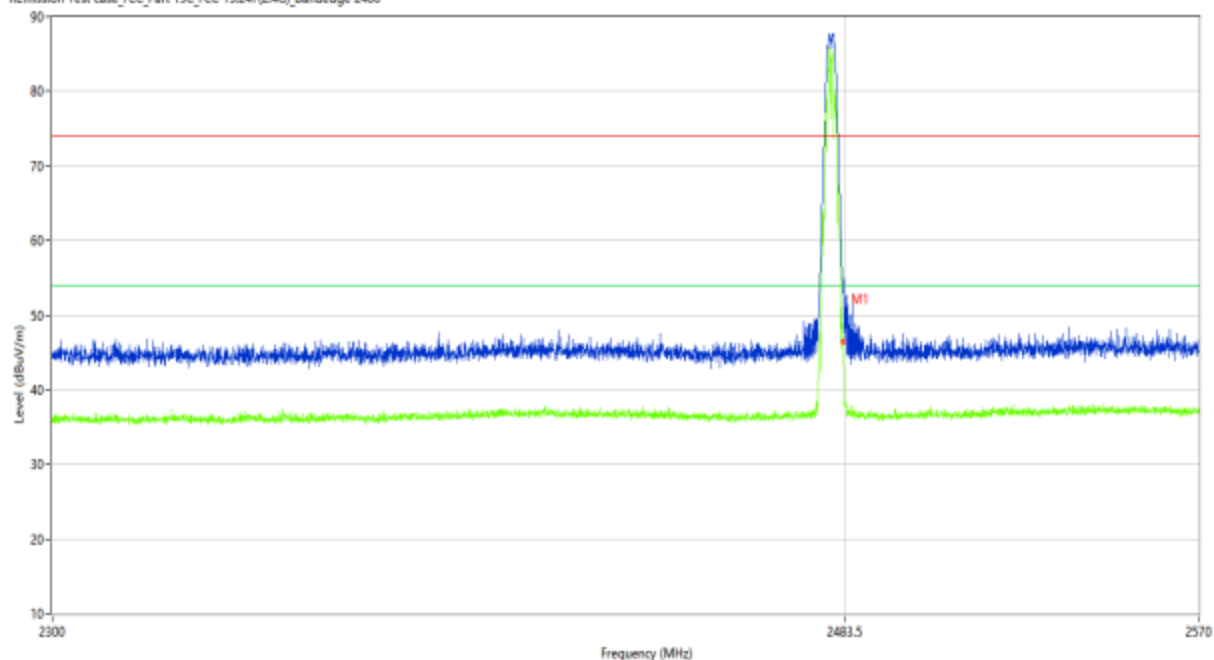
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	46.45	-10.74	74.0	27.55	Peak	17.16	100	H	Pass
1**	2483.500	38.09	-10.74	54.0	15.91	AV	17.16	100	H	Pass

Test result

Project Number: Certification

Test Time: 2025-08-27_15.31.26

EUT Name: CONTROL BOX

Test Engineer: CJY

Manufacturer: N/A

Test Standard: FCC

Model: MC332

Work Addition: TX

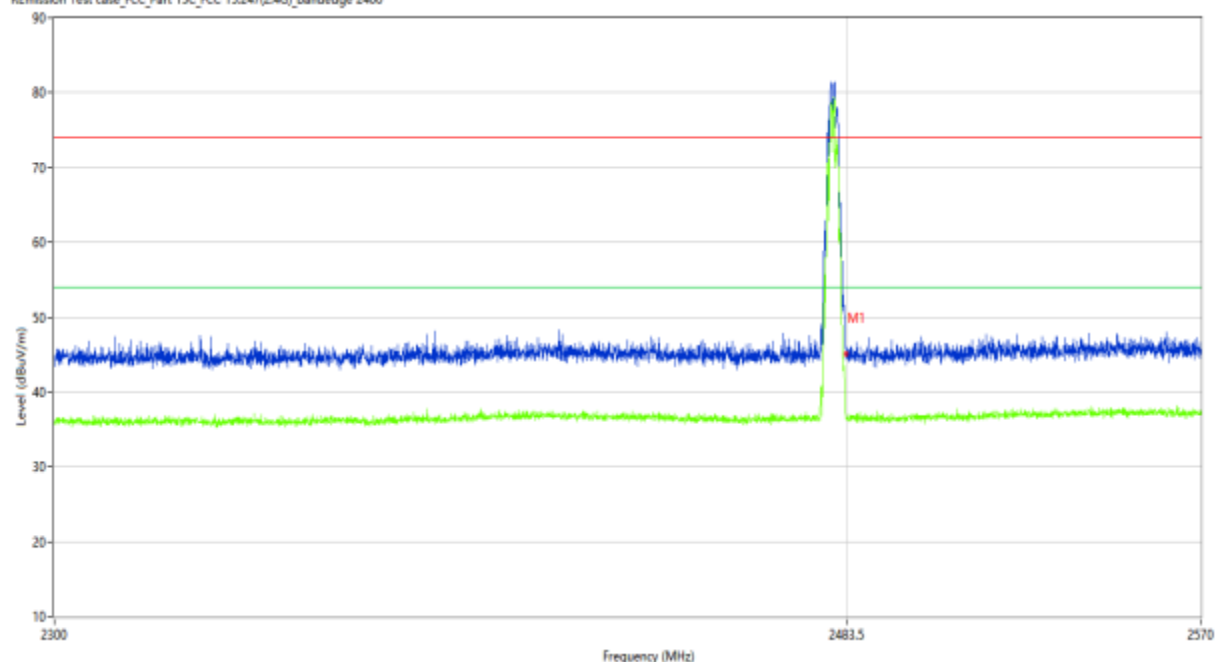
Temp.(oC): 24.3

Load: Full load

Hum.: 42%

Remark: DR-RSE01-E25070059-02#01

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	45.27	-10.74	74.0	28.73	Peak	182.28	100	V	Pass
1**	2483.500	36.33	-10.74	54.0	17.67	AV	182.28	100	V	Pass