

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

30M-1G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_10.30.58

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

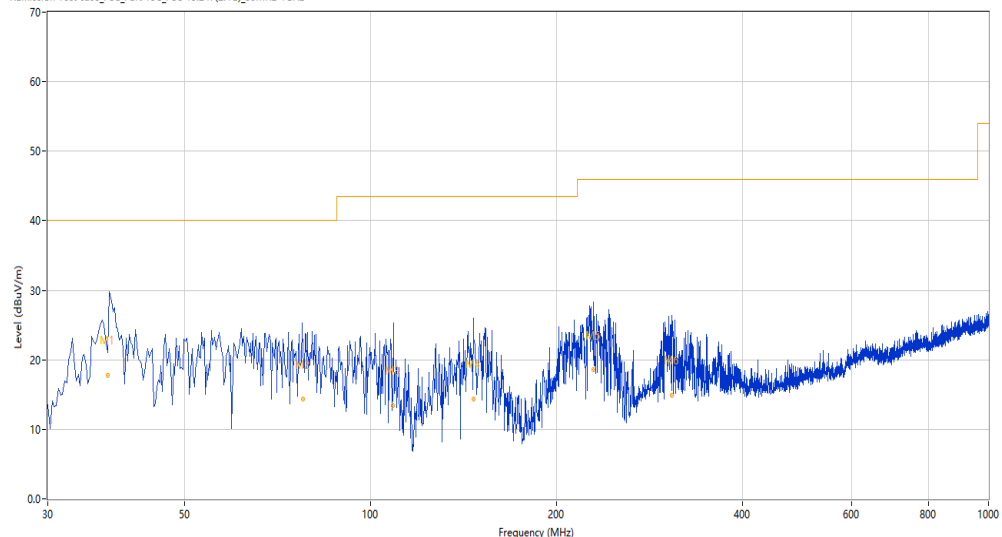
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	37.541	28.35	-25.75	40.0	11.65	Peak	252.40	122	Horizontal	Pass
1*	37.541	17.79	-25.75	40.0	22.21	QP	252.40	122	Horizontal	Pass
2	77.729	26.64	-30.43	40.0	13.36	Peak	0.00	178	Horizontal	Pass
2*	77.729	14.34	-30.43	40.0	25.66	QP	0.00	178	Horizontal	Pass
3	108.603	26.01	-25.09	43.5	17.49	Peak	58.20	239	Horizontal	Pass
3*	108.603	13.44	-25.09	43.5	30.06	QP	58.20	239	Horizontal	Pass
4	146.844	26.61	-28.52	43.5	16.89	Peak	69.40	100	Horizontal	Pass
4*	146.844	14.33	-28.52	43.5	29.17	QP	69.40	100	Horizontal	Pass
5	229.378	29.61	-23.85	46.0	16.39	Peak	221.60	116	Horizontal	Pass
5*	229.378	18.64	-23.85	46.0	27.36	QP	221.60	116	Horizontal	Pass
6	307.543	24.83	-21.95	46.0	21.17	Peak	166.90	100	Horizontal	Pass
6*	307.543	14.95	-21.95	46.0	31.05	QP	166.90	100	Horizontal	Pass

BLE-1M- Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_11.03.34

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

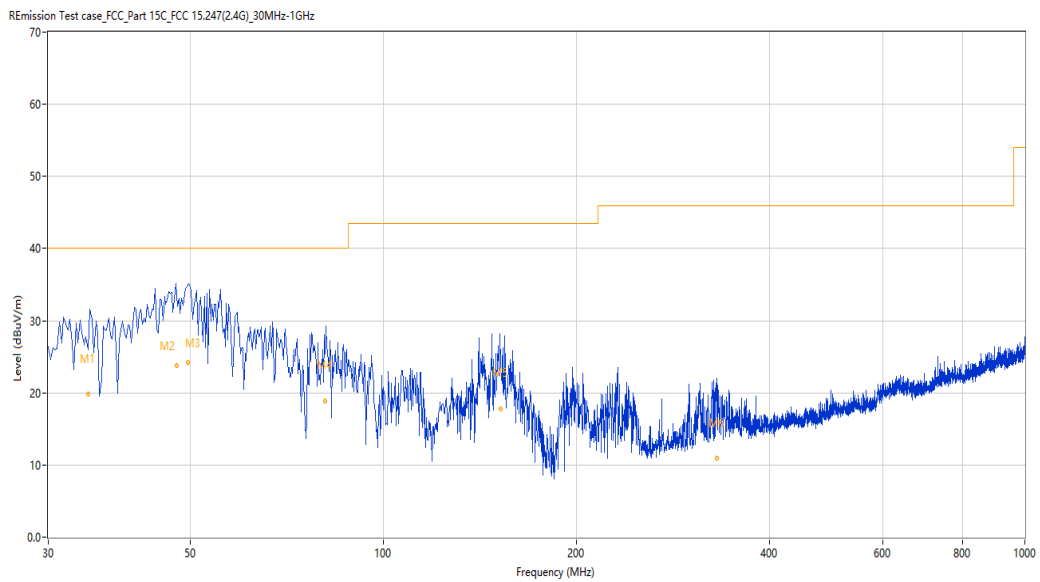
Work Addition: TX

Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.604	31.23	-26.71	40.0	8.77	Peak	60.70	134	Vertical	Pass
1*	34.604	19.83	-26.71	40.0	20.17	QP	60.70	134	Vertical	Pass
2	47.551	34.64	-23.71	40.0	5.36	Peak	105.70	104	Vertical	Pass
2*	47.551	23.73	-23.71	40.0	16.27	QP	105.70	104	Vertical	Pass
3	49.566	35.22	-23.69	40.0	4.78	Peak	360.00	122	Vertical	Pass
3*	49.566	24.25	-23.69	40.0	15.75	QP	360.00	122	Vertical	Pass
4	81.169	29.75	-30.03	40.0	10.25	Peak	27.20	111	Vertical	Pass
4*	81.169	18.86	-30.03	40.0	21.14	QP	27.20	111	Vertical	Pass
5	152.104	29.06	-28.30	43.5	14.44	Peak	131.40	153	Vertical	Pass
5*	152.104	17.73	-28.30	43.5	25.77	QP	131.40	153	Vertical	Pass
6	330.793	21.37	-20.90	46.0	24.63	Peak	360.00	100	Vertical	Pass
6*	330.793	10.88	-20.90	46.0	35.12	QP	360.00	100	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_10.00.39

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

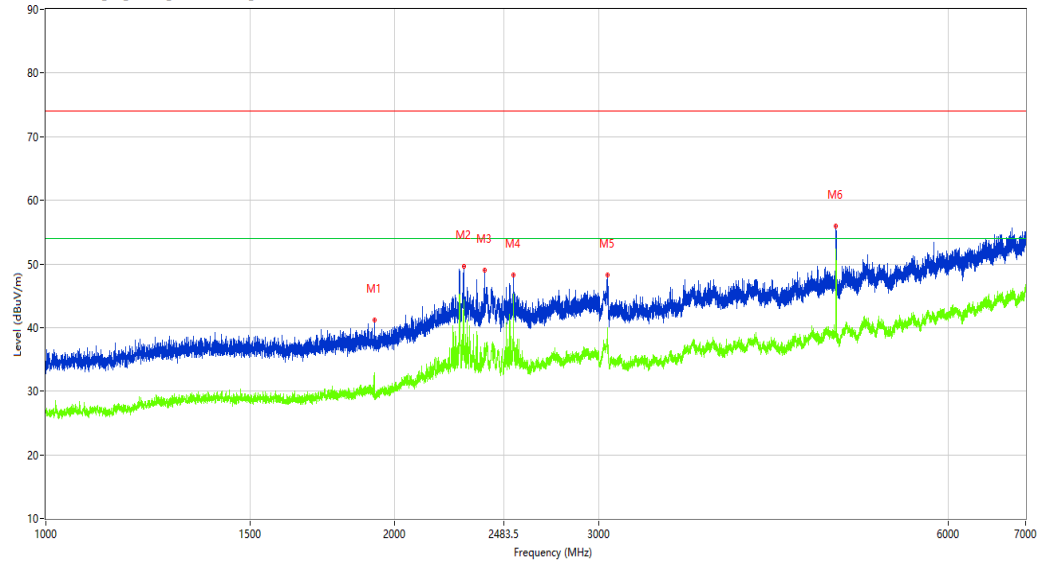
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1920.000	41.14	-12.27	74.0	32.86	Peak	290.20	100	Horizontal	Pass
1**	1920.000	32.92	-12.27	54.0	21.08	AV	290.20	100	Horizontal	Pass
2	2292.750	49.63	-8.34	74.0	24.37	Peak	280.90	100	Horizontal	Pass
2**	2292.750	41.73	-8.34	54.0	12.27	AV	280.90	100	Horizontal	Pass
3	2392.000	49.06	-4.72	74.0	24.94	Peak	66.20	100	Horizontal	Pass
3**	2392.000	36.77	-4.72	54.0	17.23	AV	66.20	100	Horizontal	Pass
4	2530.000	48.21	-7.42	74.0	25.79	Peak	209.90	100	Horizontal	Pass
4**	2530.000	45.32	-7.42	54.0	8.68	AV	209.90	100	Horizontal	Pass
5	3050.000	48.20	-4.72	74.0	25.80	Peak	285.00	100	Horizontal	Pass
5**	3050.000	40.03	-4.72	54.0	13.97	AV	285.00	100	Horizontal	Pass
6	4804.500	55.91	-1.60	74.0	18.09	Peak	0.00	100	Horizontal	Pass
6**	4804.500	52.32	-1.60	54.0	1.68	AV	0.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.07.04

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

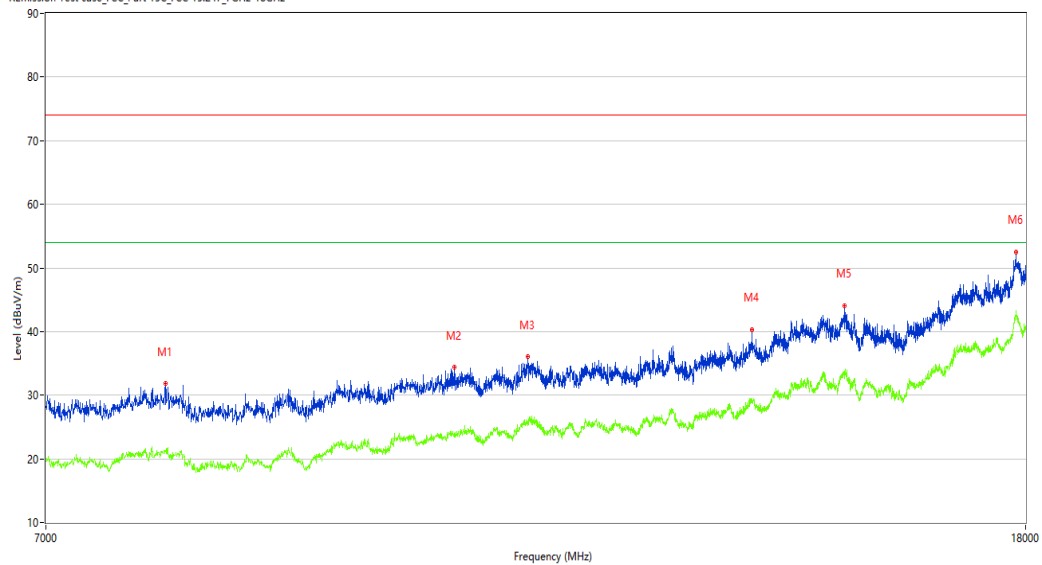
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	7855.250	31.80	1.03	74.0	42.20	Peak	360.00	100	Horizontal	Pass
1**	7855.250	21.31	1.03	54.0	32.69	AV	360.00	100	Horizontal	Pass
2	10374.250	34.41	3.60	74.0	39.59	Peak	162.90	100	Horizontal	Pass
2**	10374.250	23.91	3.60	54.0	30.09	AV	162.90	100	Horizontal	Pass
3	11138.750	36.04	3.88	74.0	37.96	Peak	0.00	100	Horizontal	Pass
3**	11138.750	25.28	3.88	54.0	28.72	AV	0.00	100	Horizontal	Pass
4	13825.500	40.35	7.29	74.0	33.65	Peak	0.00	100	Horizontal	Pass
4**	13825.500	28.98	7.29	54.0	25.02	AV	0.00	100	Horizontal	Pass
5	15118.000	44.01	9.83	74.0	29.99	Peak	162.90	100	Horizontal	Pass
5**	15118.000	33.57	9.83	54.0	20.43	AV	162.90	100	Horizontal	Pass
6	17837.750	52.54	18.50	74.0	21.46	Peak	359.60	100	Horizontal	Pass
6**	17837.750	42.88	18.50	54.0	11.12	AV	359.60	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_14.51.57

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

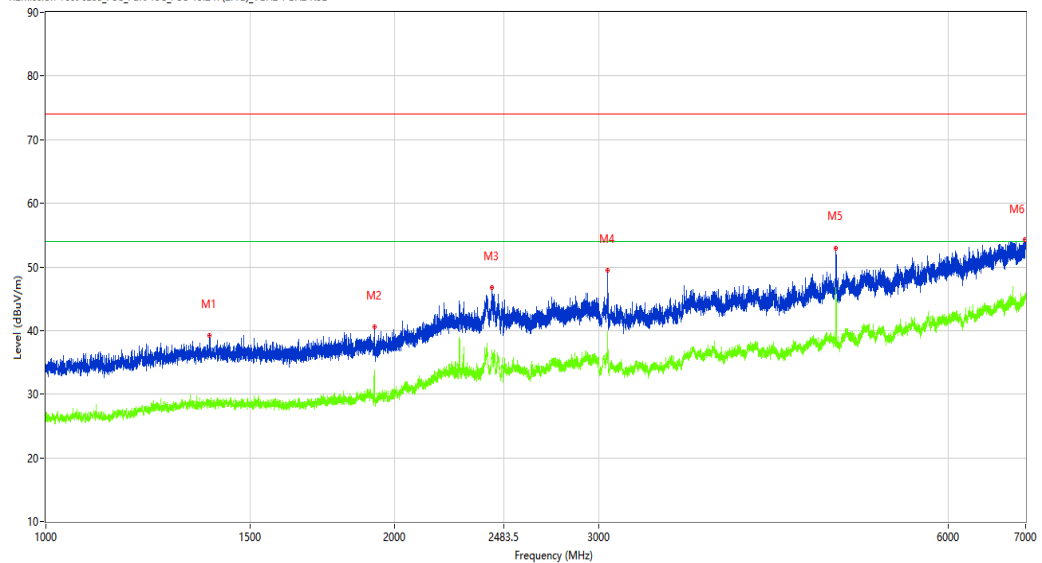
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1384.000	39.20	-13.38	74.0	34.80	Peak	102.10	100	Vertical	Pass
1**	1384.000	28.68	-13.38	54.0	25.32	AV	102.10	100	Vertical	Pass
2	1920.000	40.53	-12.27	74.0	33.47	Peak	83.40	100	Vertical	Pass
2**	1920.000	33.71	-12.27	54.0	20.29	AV	83.40	100	Vertical	Pass
3	2423.750	46.70	-5.62	74.0	27.30	Peak	360.00	100	Vertical	Pass
3**	2423.750	35.63	-5.62	54.0	18.37	AV	360.00	100	Vertical	Pass
4	3050.000	49.44	-4.72	74.0	24.56	Peak	63.60	100	Vertical	Pass
4**	3050.000	39.54	-4.72	54.0	14.46	AV	63.60	100	Vertical	Pass
5	4804.000	52.98	-1.59	74.0	21.02	Peak	33.80	100	Vertical	Pass
5**	4804.000	46.79	-1.59	54.0	7.21	AV	33.80	100	Vertical	Pass
6	6993.500	54.30	4.66	74.0	19.70	Peak	296.90	100	Vertical	Pass
6**	6993.500	45.27	4.66	54.0	8.73	AV	296.90	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.35.22

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

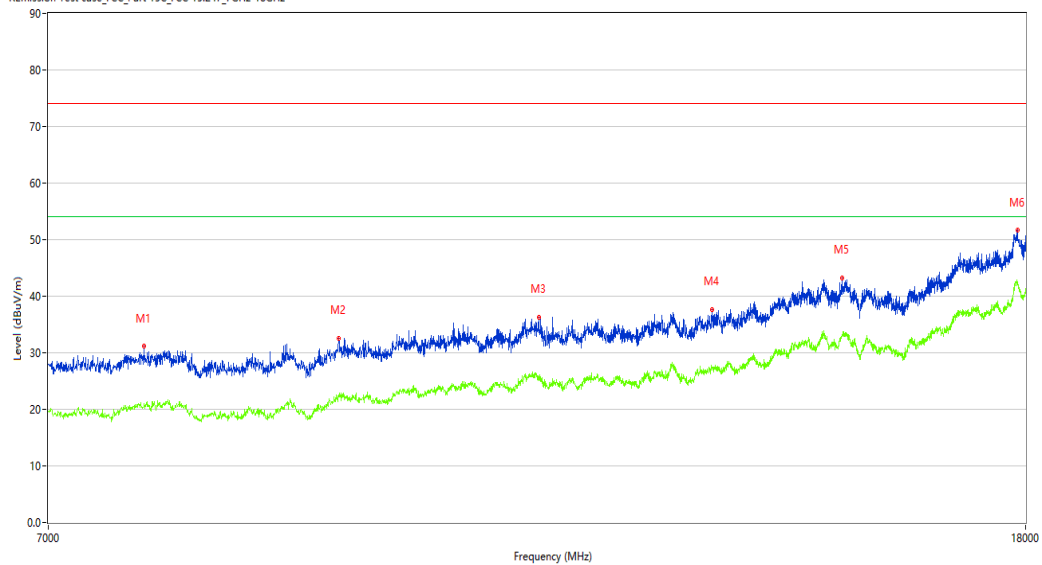
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7676.500	31.14	0.75	74.0	42.86	Peak	0.00	100	Vertical	Pass
1**	7676.500	20.46	0.75	54.0	33.54	AV	0.00	100	Vertical	Pass
2	9268.750	32.59	1.65	74.0	41.41	Peak	116.20	100	Vertical	Pass
2**	9268.750	22.24	1.65	54.0	31.76	AV	116.20	100	Vertical	Pass
3	11243.250	36.29	4.17	74.0	37.71	Peak	239.00	100	Vertical	Pass
3**	11243.250	25.46	4.17	54.0	28.54	AV	239.00	100	Vertical	Pass
4	13297.500	37.69	6.11	74.0	36.31	Peak	239.00	100	Vertical	Pass
4**	13297.500	27.47	6.11	54.0	26.53	AV	239.00	100	Vertical	Pass
5	15076.750	43.25	10.45	74.0	30.75	Peak	49.90	100	Vertical	Pass
5**	15076.750	32.97	10.45	54.0	21.03	AV	49.90	100	Vertical	Pass
6	17865.251	51.66	18.36	74.0	22.34	Peak	351.40	100	Vertical	Pass
6**	17865.251	42.17	18.36	54.0	11.83	AV	351.40	100	Vertical	Pass

18-25G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Test

Test Time: 2026-03-20_09:53:42

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

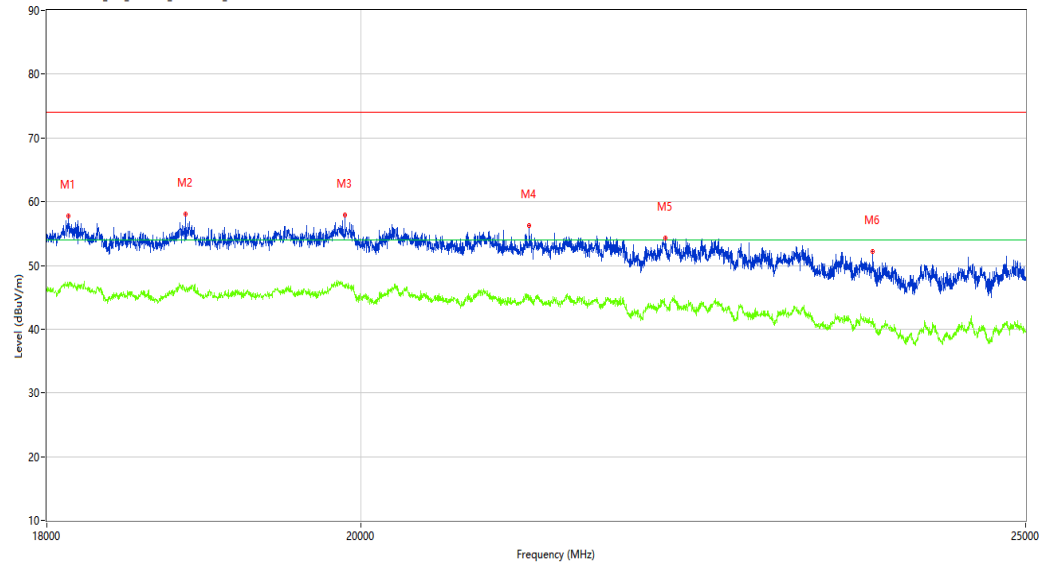
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

REmission Test case_FCC_Part 15C_FCC 15.247_18GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	18129.500	57.69	18.54	74.0	16.31	Peak	6.12	100	Horizontal	Pass
1**	18129.500	47.04	18.54	54.0	6.96	AV	6.12	100	Horizontal	Pass
2	18859.250	58.06	17.80	74.0	15.94	Peak	2.16	100	Horizontal	Pass
2**	18859.250	46.00	17.80	54.0	8.00	AV	2.16	100	Horizontal	Pass
3	19893.500	57.87	17.49	74.0	16.13	Peak	5.40	100	Horizontal	Pass
3**	19893.500	46.88	17.49	54.0	7.12	AV	5.40	100	Horizontal	Pass
4	21163.999	56.25	16.13	74.0	17.75	Peak	11.88	100	Horizontal	Pass
4**	21163.999	45.29	16.13	54.0	8.71	AV	11.88	100	Horizontal	Pass
5	22151.000	54.29	15.93	74.0	19.71	Peak	15.48	100	Horizontal	Pass
5**	22151.000	43.86	15.93	54.0	10.14	AV	15.48	100	Horizontal	Pass
6	23747.000	52.17	12.66	74.0	21.83	Peak	9.36	100	Horizontal	Pass
6**	23747.000	41.60	12.66	54.0	12.40	AV	9.36	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Test

Test Time: 2026-03-20_09.57.40

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

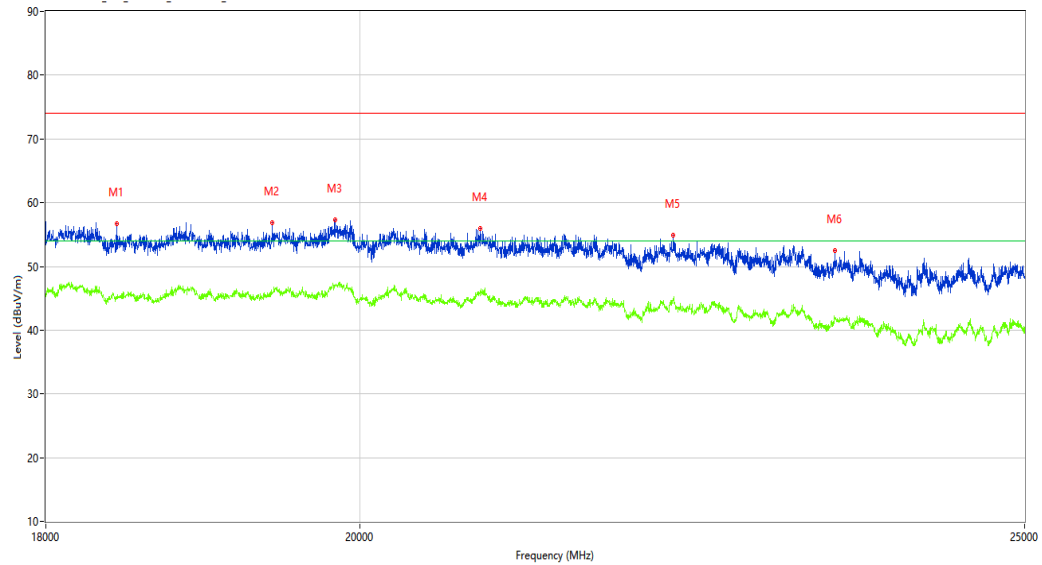
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

REmission Test case_FCC_Part 15C_FCC 15.247_18GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	18432.250	56.77	18.03	74.0	17.23	Peak	5.04	100	Vertical	Pass
1**	18432.250	45.32	18.03	54.0	8.68	AV	5.04	100	Vertical	Pass
2	19421.000	56.82	17.87	74.0	17.18	Peak	7.92	100	Vertical	Pass
2**	19421.000	45.91	17.87	54.0	8.09	AV	7.92	100	Vertical	Pass
3	19833.999	57.33	17.49	74.0	16.67	Peak	0.00	100	Vertical	Pass
3**	19833.999	47.07	17.49	54.0	6.93	AV	0.00	100	Vertical	Pass
4	20824.500	55.96	16.58	74.0	18.04	Peak	5.76	100	Vertical	Pass
4**	20824.500	46.18	16.58	54.0	7.82	AV	5.76	100	Vertical	Pass
5	22217.501	54.92	15.86	74.0	19.08	Peak	11.52	100	Vertical	Pass
5**	22217.501	44.76	15.86	54.0	9.24	AV	11.52	100	Vertical	Pass
6	23458.251	52.50	13.34	74.0	21.50	Peak	11.52	100	Vertical	Pass
6**	23458.251	41.90	13.34	54.0	12.10	AV	11.52	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_09.58.00

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

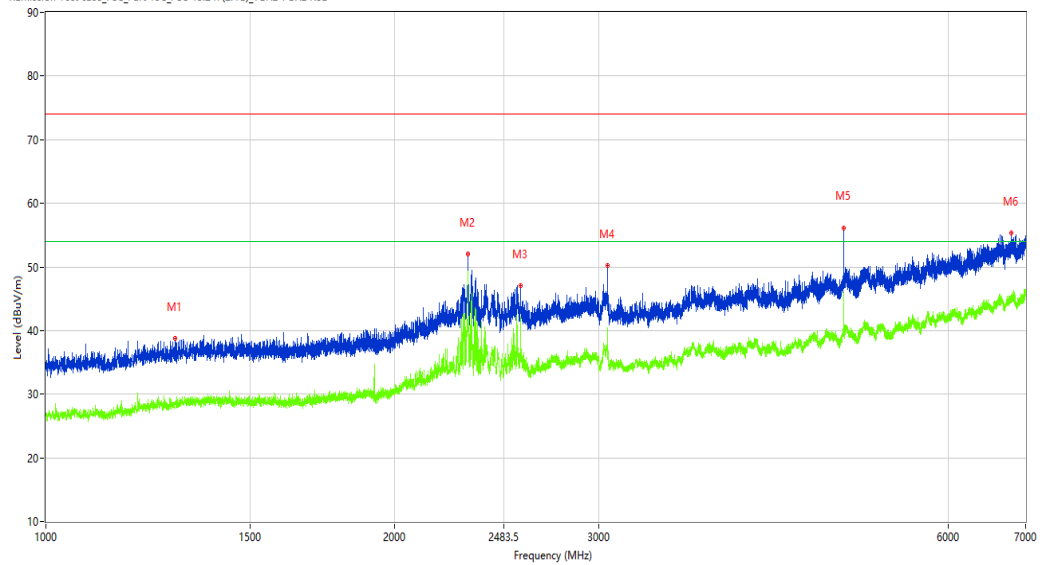
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1293.500	38.73	-13.88	74.0	35.27	Peak	195.50	100	Horizontal	Pass
1**	1293.500	28.78	-13.88	54.0	25.22	AV	195.50	100	Horizontal	Pass
2	2311.750	52.03	-8.21	74.0	21.97	Peak	214.80	100	Horizontal	Pass
2**	2311.750	49.03	-8.21	54.0	4.97	AV	214.80	100	Horizontal	Pass
3	2568.000	47.03	-7.46	74.0	26.97	Peak	224.50	100	Horizontal	Pass
3**	2568.000	41.48	-7.46	54.0	12.52	AV	224.50	100	Horizontal	Pass
4	3050.000	50.25	-4.72	74.0	23.75	Peak	360.00	100	Horizontal	Pass
4**	3050.000	40.40	-4.72	54.0	13.60	AV	360.00	100	Horizontal	Pass
5	4880.000	56.17	-0.58	74.0	17.83	Peak	144.70	100	Horizontal	Pass
5**	4880.000	46.03	-0.58	54.0	7.97	AV	144.70	100	Horizontal	Pass
6	6801.000	55.28	4.19	74.0	18.72	Peak	359.70	100	Horizontal	Pass
6**	6801.000	45.08	4.19	54.0	8.92	AV	359.70	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.09.25

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

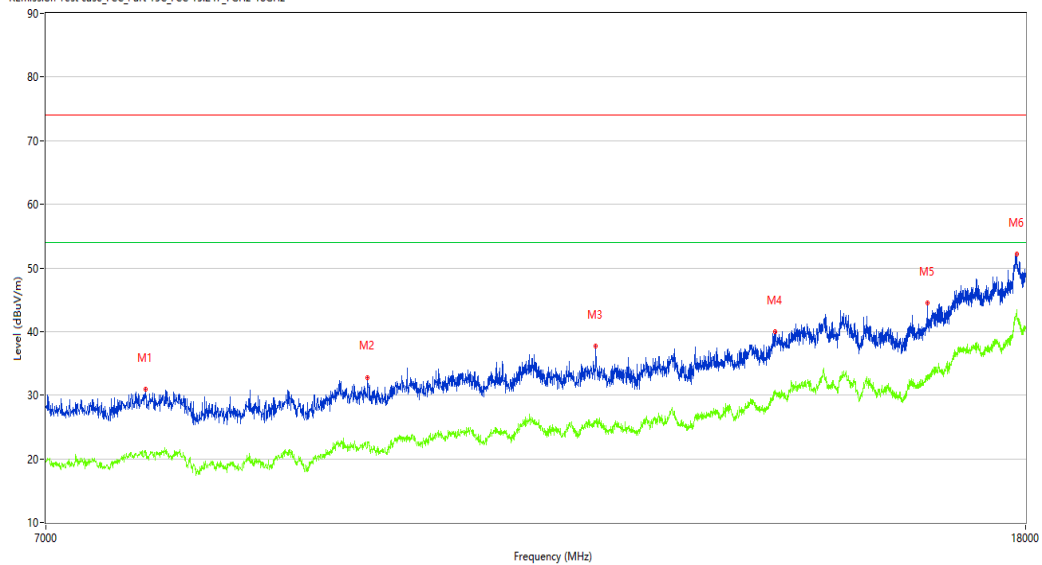
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R_Emission 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	7706.750	30.94	0.97	74.0	43.06	Peak	360.00	100	Horizontal	Pass
1**	7706.750	20.85	0.97	54.0	33.15	AV	360.00	100	Horizontal	Pass
2	9546.500	32.81	2.90	74.0	41.19	Peak	242.30	100	Horizontal	Pass
2**	9546.500	22.64	2.90	54.0	31.36	AV	242.30	100	Horizontal	Pass
3	11895.000	37.71	4.31	74.0	36.29	Peak	189.80	100	Horizontal	Pass
3**	11895.000	26.01	4.31	54.0	27.99	AV	189.80	100	Horizontal	Pass
4	14133.500	40.02	8.46	74.0	33.98	Peak	130.70	100	Horizontal	Pass
4**	14133.500	30.83	8.46	54.0	23.17	AV	130.70	100	Horizontal	Pass
5	16377.500	44.47	10.09	74.0	29.53	Peak	130.70	100	Horizontal	Pass
5**	16377.500	33.13	10.09	54.0	20.87	AV	130.70	100	Horizontal	Pass
6	17851.501	52.17	18.50	74.0	21.83	Peak	130.70	100	Horizontal	Pass
6**	17851.501	42.53	18.50	54.0	11.47	AV	130.70	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_14.56.31

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

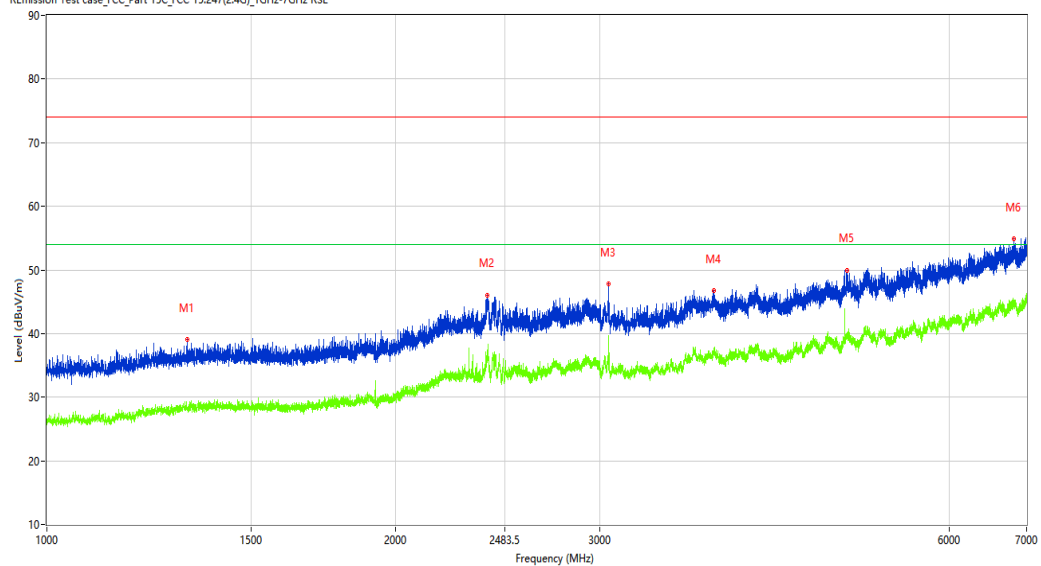
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1321.000	39.04	-13.71	74.0	34.96	Peak	314.10	100	Vertical	Pass
1**	1321.000	28.29	-13.71	54.0	25.71	AV	314.10	100	Vertical	Pass
2	2400.000	46.07	-4.78	74.0	27.93	Peak	314.10	100	Vertical	Pass
2**	2400.000	37.40	-4.78	54.0	16.60	AV	314.10	100	Vertical	Pass
3	3050.000	47.86	-4.72	74.0	26.14	Peak	42.70	100	Vertical	Pass
3**	3050.000	39.71	-4.72	54.0	14.29	AV	42.70	100	Vertical	Pass
4	3763.500	46.70	-2.37	74.0	27.30	Peak	300.60	100	Vertical	Pass
4**	3763.500	37.22	-2.37	54.0	16.78	AV	300.60	100	Vertical	Pass
5	4901.500	49.91	-0.05	74.0	24.09	Peak	84.80	100	Vertical	Pass
5**	4901.500	39.96	-0.05	54.0	14.04	AV	84.80	100	Vertical	Pass
6	6822.500	54.95	4.20	74.0	19.05	Peak	283.10	100	Vertical	Pass
6**	6822.500	44.45	4.20	54.0	9.55	AV	283.10	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.37.11

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

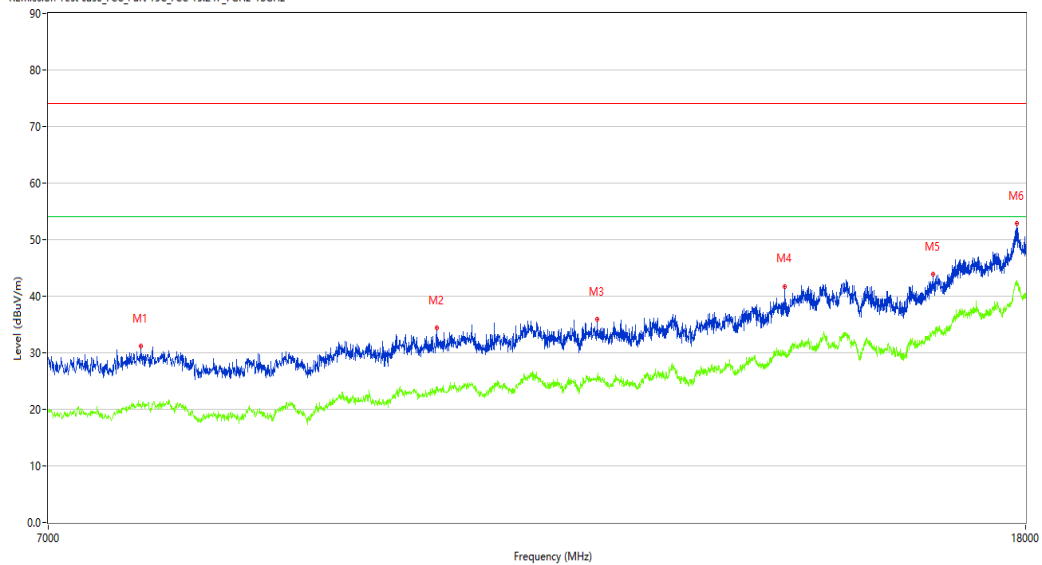
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7654.500	31.12	0.47	74.0	42.88	Peak	360.00	100	Vertical	Pass
1**	7654.500	20.52	0.47	54.0	33.48	AV	360.00	100	Vertical	Pass
2	10187.250	34.35	3.03	74.0	39.65	Peak	236.70	100	Vertical	Pass
2**	10187.250	23.93	3.03	54.0	30.07	AV	236.70	100	Vertical	Pass
3	11897.750	35.89	4.38	74.0	38.11	Peak	236.70	100	Vertical	Pass
3**	11897.750	25.20	4.38	54.0	28.80	AV	236.70	100	Vertical	Pass
4	14260.000	41.76	8.81	74.0	32.24	Peak	0.00	100	Vertical	Pass
4**	14260.000	30.02	8.81	54.0	23.98	AV	0.00	100	Vertical	Pass
5	16454.500	43.83	10.89	74.0	30.17	Peak	38.00	100	Vertical	Pass
5**	16454.500	33.36	10.89	54.0	20.64	AV	38.00	100	Vertical	Pass
6	17843.249	52.84	18.49	74.0	21.16	Peak	236.70	100	Vertical	Pass
6**	17843.249	42.47	18.49	54.0	11.53	AV	236.70	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_09.54.29

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

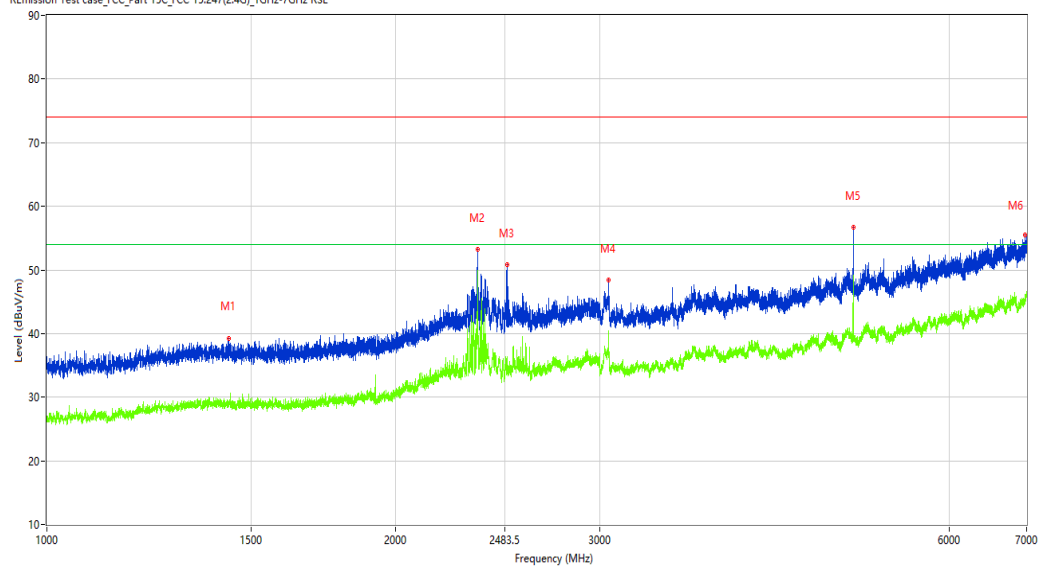
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1435.750	39.29	-13.52	74.0	34.71	Peak	199.80	100	Horizontal	Pass
1**	1435.750	29.07	-13.52	54.0	24.93	AV	199.80	100	Horizontal	Pass
2	2352.000	53.20	-8.65	74.0	20.80	Peak	220.30	100	Horizontal	Pass
2**	2352.000	49.94	-8.65	54.0	4.06	AV	220.30	100	Horizontal	Pass
3	2494.750	50.78	-7.29	74.0	23.22	Peak	285.40	100	Horizontal	Pass
3**	2494.750	36.33	-7.29	54.0	17.67	AV	285.40	100	Horizontal	Pass
4	3050.000	48.43	-4.72	74.0	25.57	Peak	163.30	100	Horizontal	Pass
4**	3050.000	40.21	-4.72	54.0	13.79	AV	163.30	100	Horizontal	Pass
5	4960.000	56.64	-0.84	74.0	17.36	Peak	144.00	100	Horizontal	Pass
5**	4960.000	49.17	-0.84	54.0	4.83	AV	144.00	100	Horizontal	Pass
6	6980.000	55.50	4.44	74.0	18.50	Peak	45.00	100	Horizontal	Pass
6**	6980.000	46.20	4.44	54.0	7.80	AV	45.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.11.01

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7569.250	31.20	0.03	74.0	42.80	Peak	47.30	100	Horizontal	Pass
1**	7569.250	20.17	0.03	54.0	33.83	AV	47.30	100	Horizontal	Pass
2	8856.250	31.49	-0.08	74.0	42.51	Peak	110.60	100	Horizontal	Pass
2**	8856.250	21.51	-0.08	54.0	32.49	AV	110.60	100	Horizontal	Pass
3	11199.250	35.68	4.02	74.0	38.32	Peak	47.30	100	Horizontal	Pass
3**	11199.250	26.01	4.02	54.0	27.99	AV	47.30	100	Horizontal	Pass
4	14174.750	40.40	8.11	74.0	33.60	Peak	292.60	100	Horizontal	Pass
4**	14174.750	30.17	8.11	54.0	23.83	AV	292.60	100	Horizontal	Pass
5	15082.250	43.93	10.53	74.0	30.07	Peak	229.30	100	Horizontal	Pass
5**	15082.250	32.66	10.53	54.0	21.34	AV	229.30	100	Horizontal	Pass
6	17848.750	53.01	18.72	74.0	20.99	Peak	292.60	100	Horizontal	Pass
6**	17848.750	42.69	18.72	54.0	11.31	AV	292.60	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_14.59.10

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

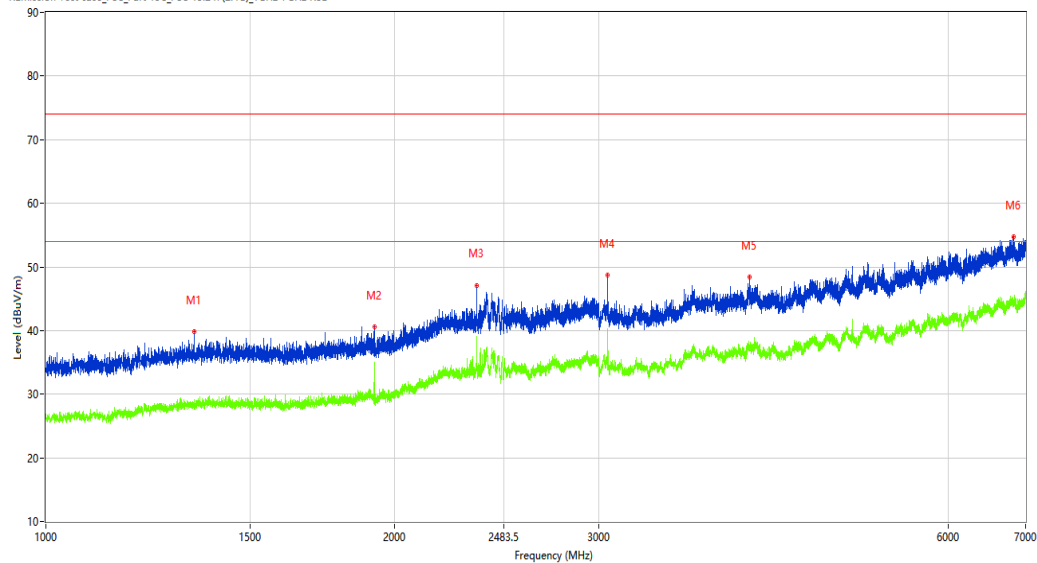
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1342.750	39.78	-13.63	74.0	34.22	Peak	295.90	100	Vertical	Pass
1**	1342.750	29.14	-13.63	54.0	24.86	AV	295.90	100	Vertical	Pass
2	1920.000	40.62	-12.27	74.0	33.38	Peak	98.70	100	Vertical	Pass
2**	1920.000	34.44	-12.27	54.0	19.56	AV	98.70	100	Vertical	Pass
3	2352.750	47.11	-8.62	74.0	26.89	Peak	108.00	100	Vertical	Pass
3**	2352.750	35.37	-8.62	54.0	18.63	AV	108.00	100	Vertical	Pass
4	3050.000	48.70	-4.72	74.0	25.30	Peak	34.50	100	Vertical	Pass
4**	3050.000	40.24	-4.72	54.0	13.76	AV	34.50	100	Vertical	Pass
5	4044.500	48.39	-1.91	74.0	25.61	Peak	307.30	100	Vertical	Pass
5**	4044.500	36.92	-1.91	54.0	17.08	AV	307.30	100	Vertical	Pass
6	6838.500	54.77	4.19	74.0	19.23	Peak	282.70	100	Vertical	Pass
6**	6838.500	44.23	4.19	54.0	9.77	AV	282.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.38.59

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

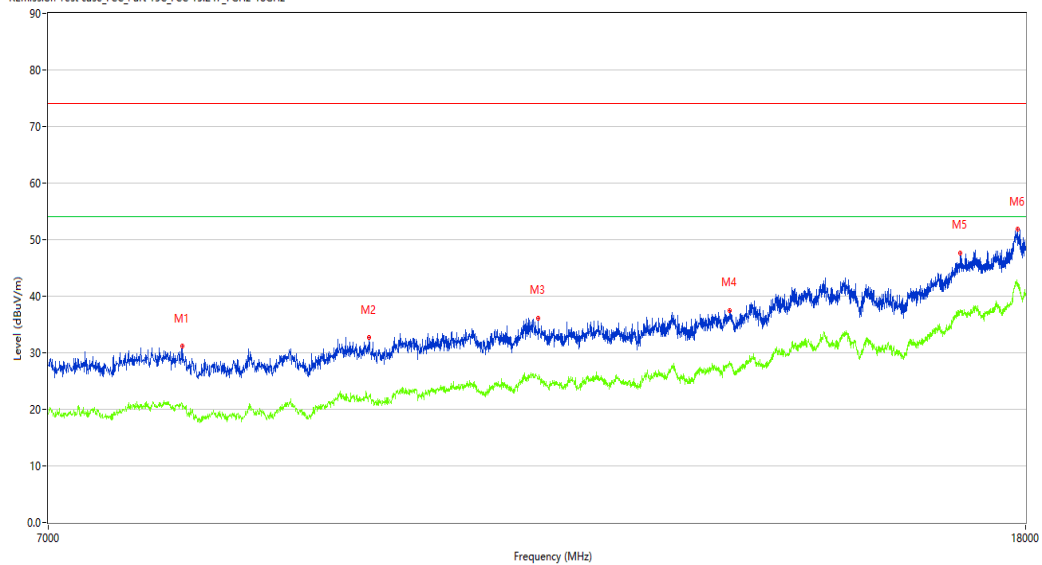
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7965.250	31.12	1.05	74.0	42.88	Peak	303.70	100	Vertical	Pass
1**	7965.250	21.03	1.05	54.0	32.97	AV	303.70	100	Vertical	Pass
2	9546.500	32.71	2.90	74.0	41.29	Peak	242.30	100	Vertical	Pass
2**	9546.500	22.37	2.90	54.0	31.63	AV	242.30	100	Vertical	Pass
3	11237.750	36.11	4.09	74.0	37.89	Peak	303.70	100	Vertical	Pass
3**	11237.750	25.39	4.09	54.0	28.61	AV	303.70	100	Vertical	Pass
4	13520.250	37.53	7.42	74.0	36.47	Peak	242.30	100	Vertical	Pass
4**	13520.250	28.02	7.42	54.0	25.98	AV	242.30	100	Vertical	Pass
5	16897.250	47.62	14.31	74.0	26.38	Peak	360.00	100	Vertical	Pass
5**	16897.250	37.70	14.31	54.0	16.30	AV	360.00	100	Vertical	Pass
6	17862.500	51.81	18.46	74.0	22.19	Peak	303.70	100	Vertical	Pass
6**	17862.500	42.30	18.46	54.0	11.70	AV	303.70	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.14.44

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

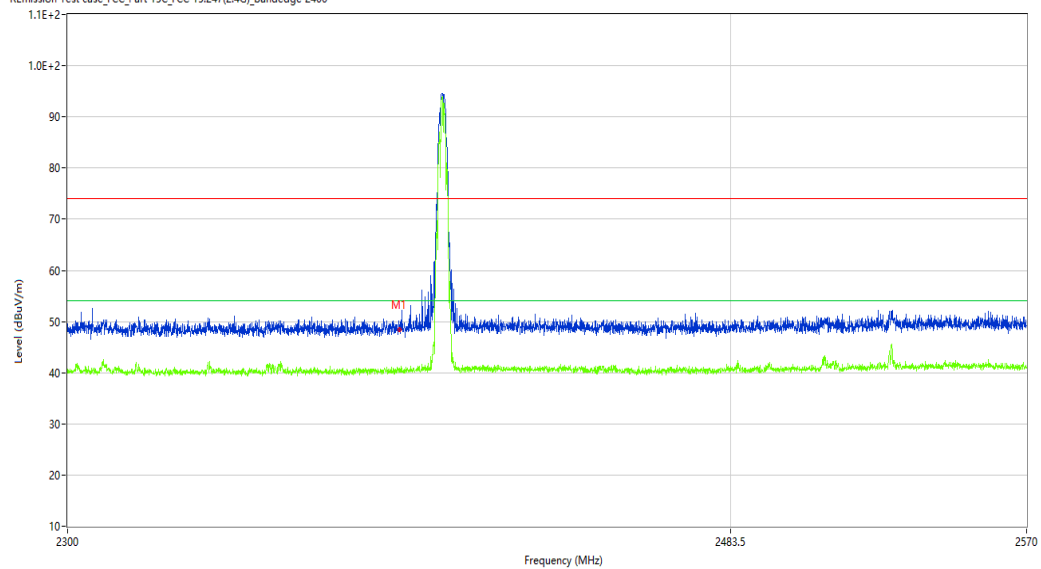
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	48.35	-10.58	74.0	25.65	Peak	34.39	100	H	Pass
1**	2390.000	40.76	-10.58	54.0	13.24	AV	34.39	100	H	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.33.13

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

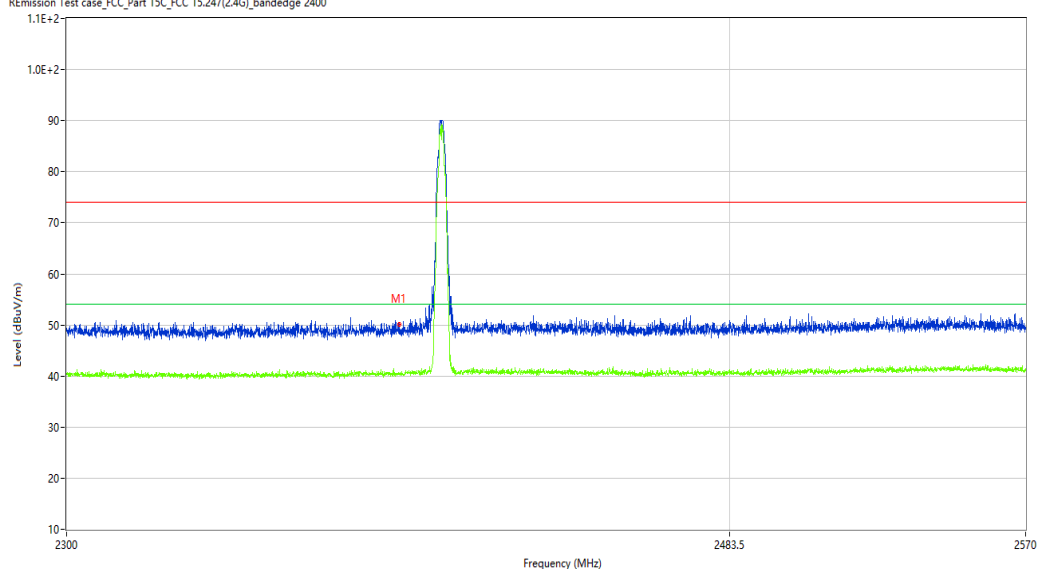
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	50.11	-10.58	74.0	23.89	Peak	207.63	100	V	Pass
1**	2390.000	40.55	-10.58	54.0	13.45	AV	207.63	100	V	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.17.19

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

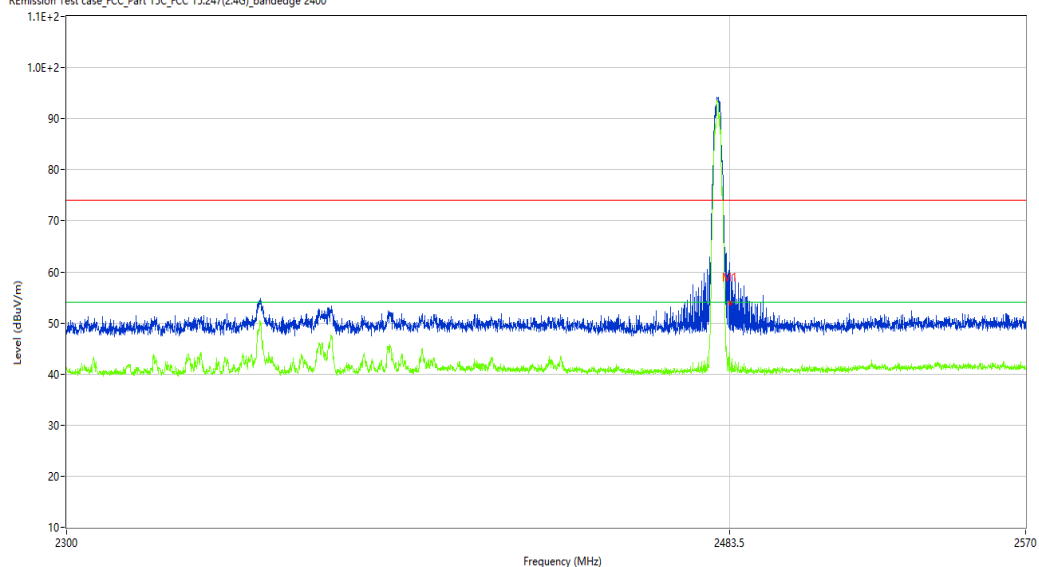
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	53.75	-10.56	74.0	20.25	Peak	161.01	100	H	Pass
1**	2483.500	41.14	-10.56	54.0	12.86	AV	161.01	100	H	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.31.00

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

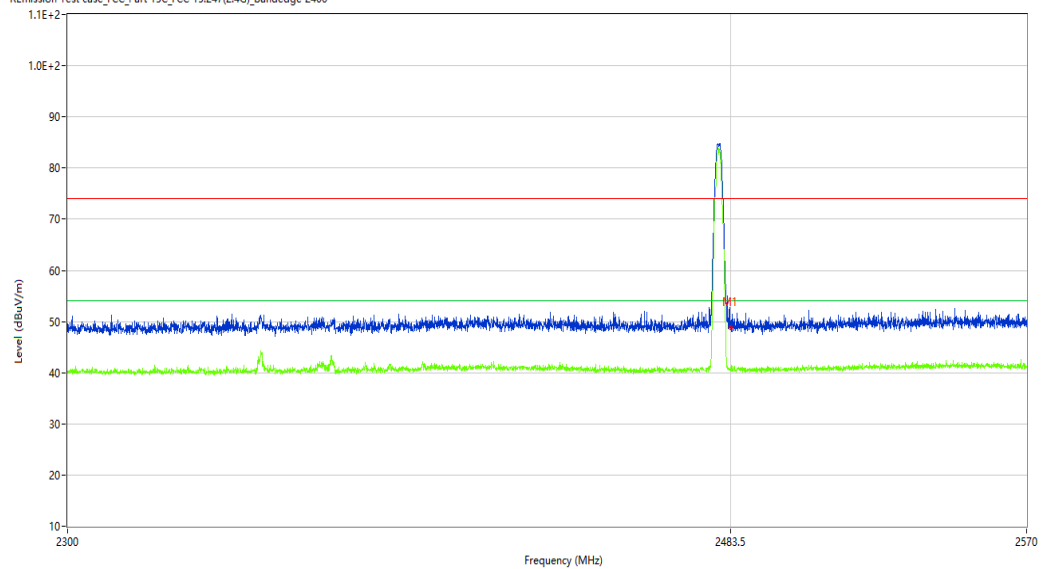
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	48.99	-10.56	74.0	25.01	Peak	126.38	100	V	Pass
1**	2483.500	40.84	-10.56	54.0	13.16	AV	126.38	100	V	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_10.41.36

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

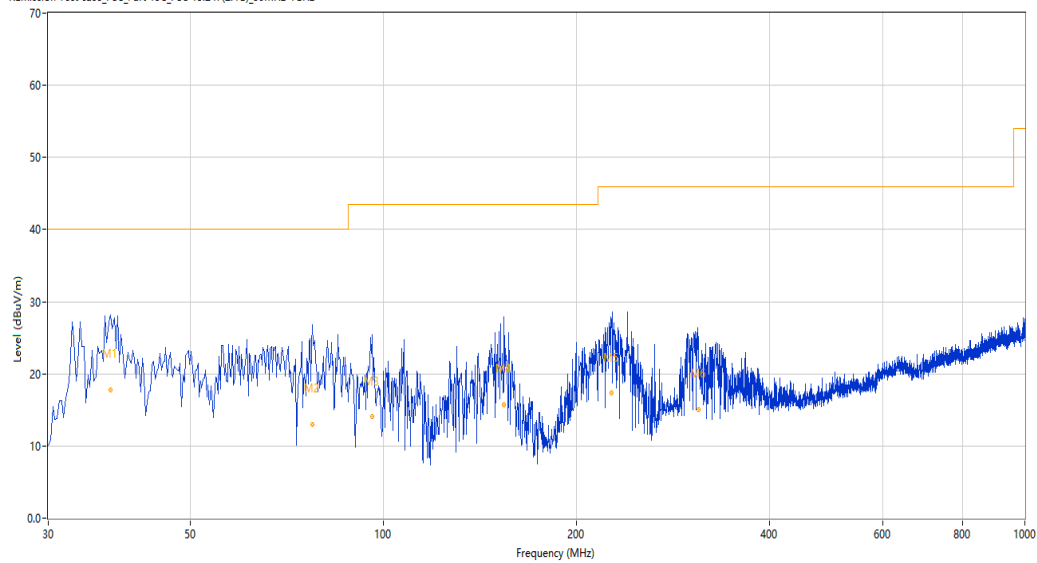
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	37.540	29.89	-25.84	40.0	10.11	Peak	360.00	109	Horizontal	Pass
1*	37.540	17.83	-25.84	40.0	22.17	QP	360.00	109	Horizontal	Pass
2	77.385	25.63	-30.43	40.0	14.37	Peak	0.00	141	Horizontal	Pass
2*	77.385	12.97	-30.43	40.0	27.03	QP	0.00	141	Horizontal	Pass
3	95.864	26.11	-25.93	43.5	17.39	Peak	273.70	226	Horizontal	Pass
3*	95.864	14.11	-25.93	43.5	29.39	QP	273.70	226	Horizontal	Pass
4	154.101	28.04	-28.18	43.5	15.46	Peak	59.90	105	Horizontal	Pass
4*	154.101	15.76	-28.18	43.5	27.74	QP	59.90	105	Horizontal	Pass
5	227.051	28.41	-24.09	46.0	17.59	Peak	216.90	183	Horizontal	Pass
5*	227.051	17.38	-24.09	46.0	28.62	QP	216.90	183	Horizontal	Pass
6	309.447	27.08	-21.93	46.0	18.92	Peak	360.00	100	Horizontal	Pass
6*	309.447	15.00	-21.93	46.0	31.00	QP	360.00	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_10.52.39

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

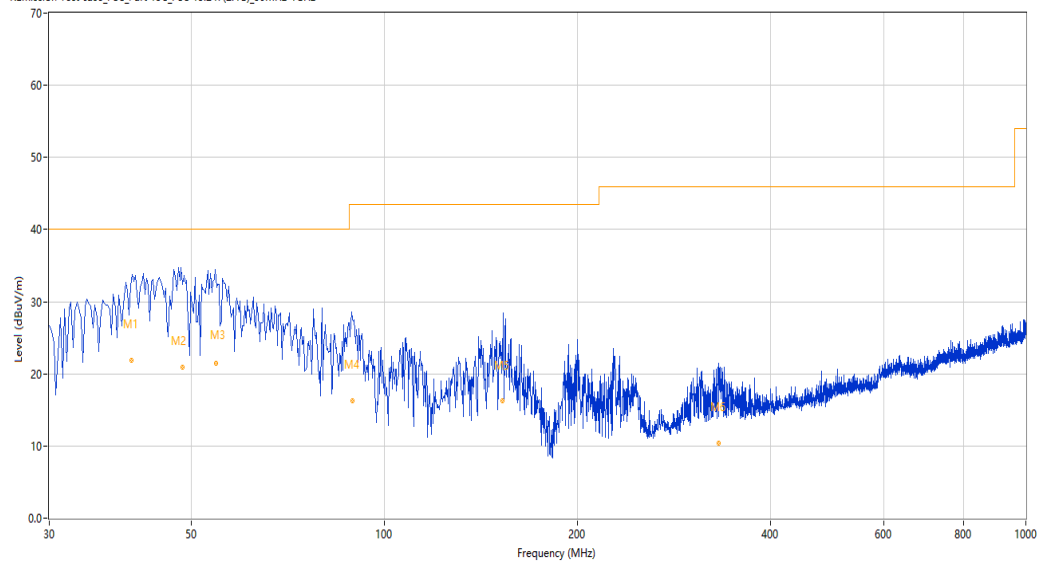
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	40.348	32.30	-24.85	40.0	7.70	Peak	0.00	110	Vertical	Pass
1*	40.348	21.84	-24.85	40.0	18.16	QP	0.00	110	Vertical	Pass
2	48.414	33.77	-23.68	40.0	6.23	Peak	241.50	100	Vertical	Pass
2*	48.414	20.96	-23.68	40.0	19.04	QP	241.50	100	Vertical	Pass
3	54.645	34.45	-24.02	40.0	5.55	Peak	59.90	110	Vertical	Pass
3*	54.645	21.52	-24.02	40.0	18.48	QP	59.90	110	Vertical	Pass
4	89.017	27.24	-27.58	43.5	16.26	Peak	0.00	103	Vertical	Pass
4*	89.017	16.25	-27.58	43.5	27.25	QP	0.00	103	Vertical	Pass
5	152.852	29.14	-28.25	43.5	14.36	Peak	118.00	136	Vertical	Pass
5*	152.852	16.21	-28.25	43.5	27.29	QP	118.00	136	Vertical	Pass
6	331.874	21.30	-20.88	46.0	24.70	Peak	0.00	100	Vertical	Pass
6*	331.874	10.39	-20.88	46.0	35.61	QP	0.00	100	Vertical	Pass

1-18G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_09.43.18

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

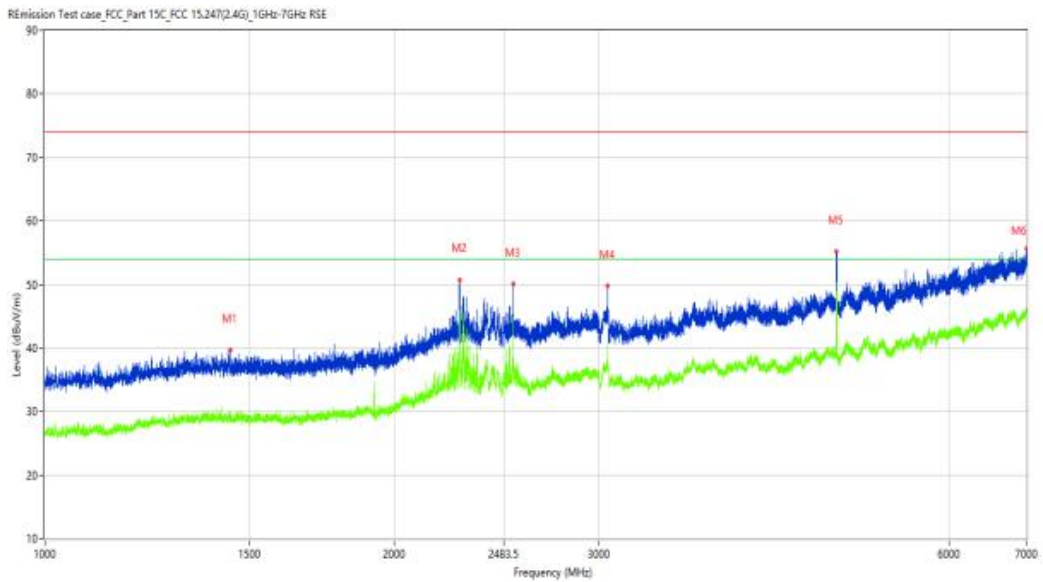
Work Addition: TX

Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.250	39.65	-13.58	74.0	34.35	Peak	306.40	100	Horizontal	Pass
1**	1444.250	29.42	-13.58	54.0	24.58	AV	306.40	100	Horizontal	Pass
2	2274.250	50.75	-8.38	74.0	23.25	Peak	278.40	100	Horizontal	Pass
2**	2274.250	45.10	-8.38	54.0	8.90	AV	278.40	100	Horizontal	Pass
3	2530.250	50.01	-7.41	74.0	23.99	Peak	278.40	100	Horizontal	Pass
3**	2530.250	44.38	-7.41	54.0	9.62	AV	278.40	100	Horizontal	Pass
4	3050.000	49.79	-4.72	74.0	24.21	Peak	160.70	100	Horizontal	Pass
4**	3050.000	40.49	-4.72	54.0	13.51	AV	160.70	100	Horizontal	Pass
5	4804.500	55.21	-1.60	74.0	18.79	Peak	360.00	100	Horizontal	Pass
5**	4804.500	49.45	-1.60	54.0	4.55	AV	360.00	100	Horizontal	Pass
6	6998.500	55.58	4.81	74.0	18.42	Peak	54.30	100	Horizontal	Pass
6**	6998.500	45.87	4.81	54.0	8.13	AV	54.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.14.04

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

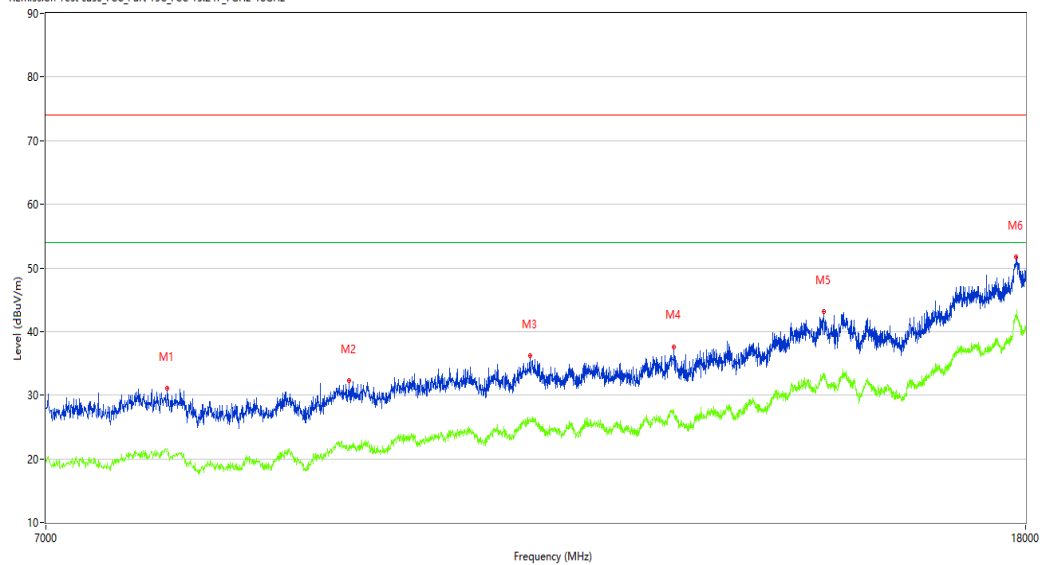
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R_Emission 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	7869.000	31.04	1.08	74.0	42.96	Peak	360.00	100	Horizontal	Pass
1**	7869.000	21.54	1.08	54.0	32.46	AV	360.00	100	Horizontal	Pass
2	9376.000	32.30	1.46	74.0	41.70	Peak	181.20	100	Horizontal	Pass
2**	9376.000	22.25	1.46	54.0	31.75	AV	181.20	100	Horizontal	Pass
3	11160.750	36.19	3.92	74.0	37.81	Peak	181.20	100	Horizontal	Pass
3**	11160.750	26.42	3.92	54.0	27.58	AV	181.20	100	Horizontal	Pass
4	12821.750	37.64	5.55	74.0	36.36	Peak	241.90	100	Horizontal	Pass
4**	12821.750	27.43	5.55	54.0	26.57	AV	241.90	100	Horizontal	Pass
5	14818.250	43.16	11.76	74.0	30.84	Peak	181.20	100	Horizontal	Pass
5**	14818.250	33.08	11.76	54.0	20.92	AV	181.20	100	Horizontal	Pass
6	17840.501	51.69	18.45	74.0	22.31	Peak	360.00	100	Horizontal	Pass
6**	17840.501	42.29	18.45	54.0	11.71	AV	360.00	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_15.11.33

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

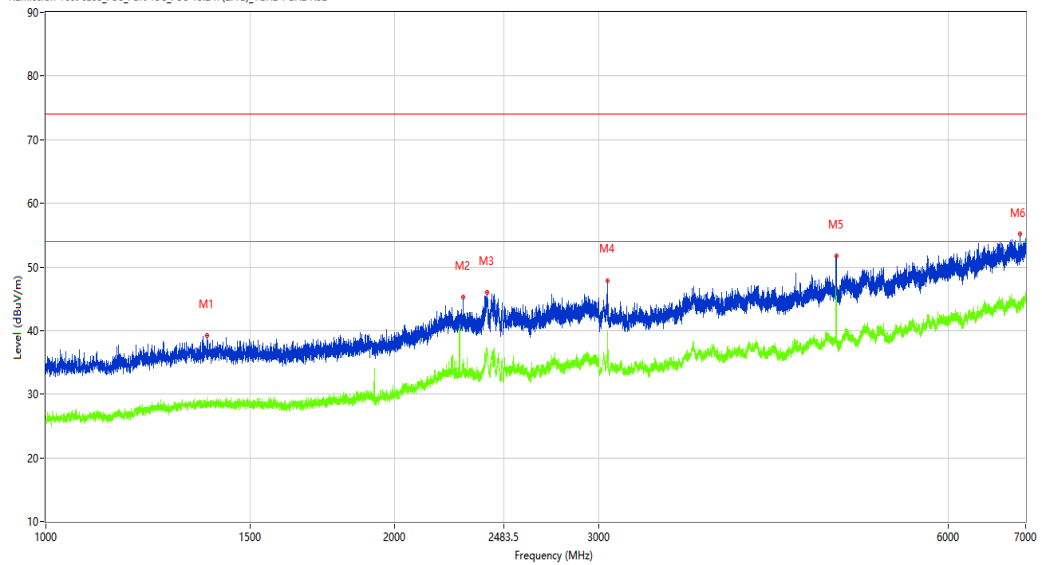
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1377.000	39.25	-13.49	74.0	34.75	Peak	356.80	100	Vertical	Pass
1**	1377.000	28.66	-13.49	54.0	25.34	AV	356.80	100	Vertical	Pass
2	2290.750	45.24	-8.44	74.0	28.76	Peak	154.10	100	Vertical	Pass
2**	2290.750	35.45	-8.44	54.0	18.55	AV	154.10	100	Vertical	Pass
3	2401.750	46.04	-4.78	74.0	27.96	Peak	257.60	100	Vertical	Pass
3**	2401.750	36.79	-4.78	54.0	17.21	AV	257.60	100	Vertical	Pass
4	3052.500	47.88	-6.01	74.0	26.12	Peak	312.10	100	Vertical	Pass
4**	3052.500	37.27	-6.01	54.0	16.73	AV	312.10	100	Vertical	Pass
5	4805.000	51.69	-1.61	74.0	22.31	Peak	360.00	100	Vertical	Pass
5**	4805.000	45.27	-1.61	54.0	8.73	AV	360.00	100	Vertical	Pass
6	6922.500	55.15	3.50	74.0	18.85	Peak	320.60	100	Vertical	Pass
6**	6922.500	43.90	3.50	54.0	10.10	AV	320.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.40.54

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

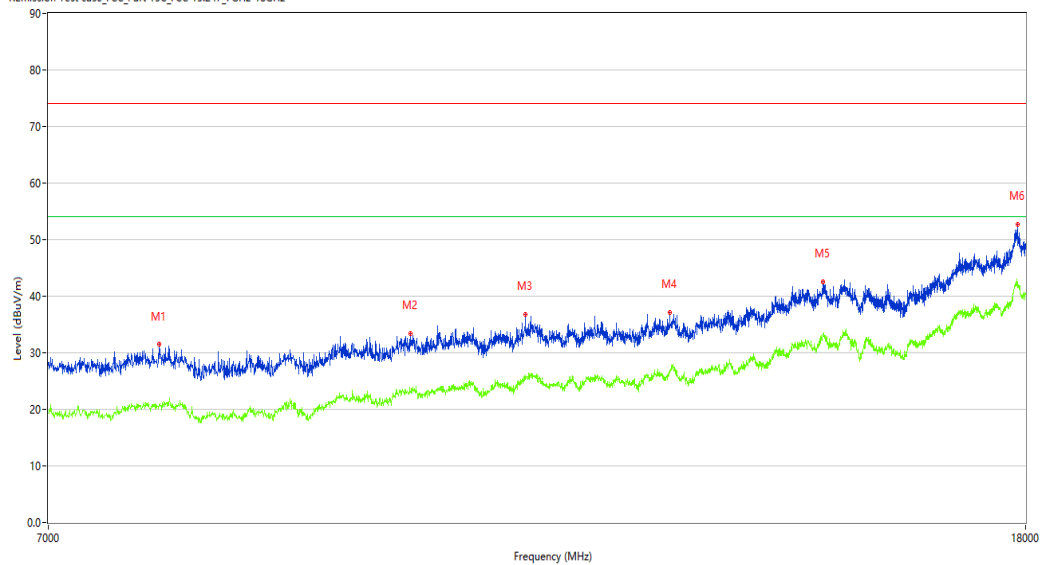
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7789.250	31.50	0.60	74.0	42.50	Peak	192.40	100	Vertical	Pass
1**	7789.250	20.84	0.60	54.0	33.16	AV	192.40	100	Vertical	Pass
2	9934.250	33.47	2.99	74.0	40.53	Peak	257.50	100	Vertical	Pass
2**	9934.250	22.97	2.99	54.0	31.03	AV	257.50	100	Vertical	Pass
3	11100.250	36.83	4.34	74.0	37.17	Peak	360.00	100	Vertical	Pass
3**	11100.250	26.00	4.34	54.0	28.00	AV	360.00	100	Vertical	Pass
4	12761.250	37.06	5.33	74.0	36.94	Peak	58.10	100	Vertical	Pass
4**	12761.250	26.52	5.33	54.0	27.48	AV	58.10	100	Vertical	Pass
5	14796.250	42.58	11.40	74.0	31.42	Peak	58.10	100	Vertical	Pass
5**	14796.250	33.33	11.40	54.0	20.67	AV	58.10	100	Vertical	Pass
6	17859.750	52.76	18.55	74.0	21.24	Peak	192.40	100	Vertical	Pass
6**	17859.750	42.60	18.55	54.0	11.40	AV	192.40	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_09.47.47

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

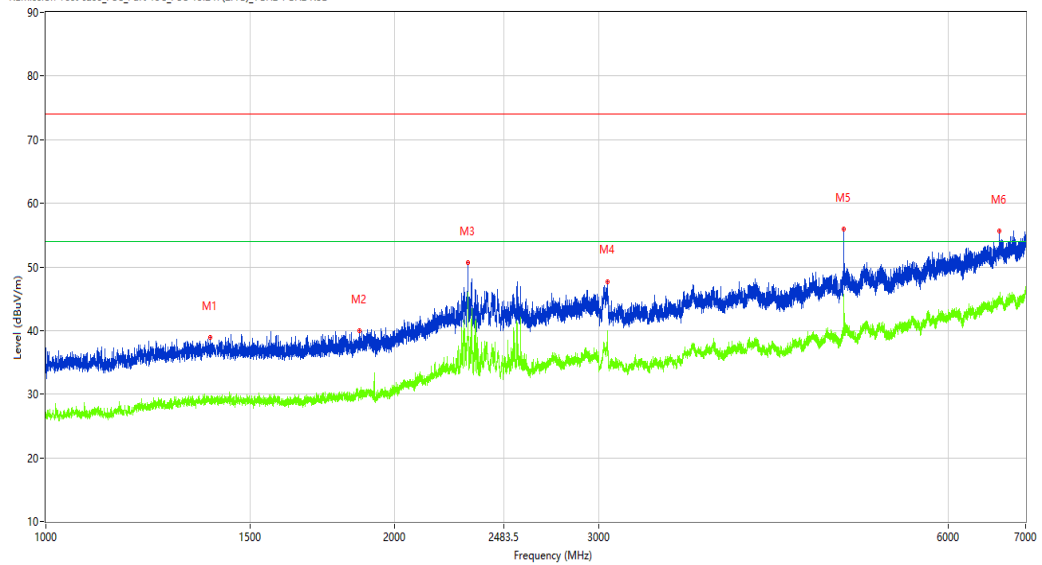
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1385.000	38.94	-13.39	74.0	35.06	Peak	180.00	100	Horizontal	Pass
1**	1385.000	28.46	-13.39	54.0	25.54	AV	180.00	100	Horizontal	Pass
2	1865.250	40.05	-12.52	74.0	33.95	Peak	284.90	100	Horizontal	Pass
2**	1865.250	30.29	-12.52	54.0	23.71	AV	284.90	100	Horizontal	Pass
3	2312.250	50.64	-8.22	74.0	23.36	Peak	276.40	100	Horizontal	Pass
3**	2312.250	45.87	-8.22	54.0	8.13	AV	276.40	100	Horizontal	Pass
4	3050.000	47.71	-4.72	74.0	26.29	Peak	350.10	100	Horizontal	Pass
4**	3050.000	39.69	-4.72	54.0	14.31	AV	350.10	100	Horizontal	Pass
5	4880.000	55.89	-0.58	74.0	18.11	Peak	157.40	100	Horizontal	Pass
5**	4880.000	43.73	-0.58	54.0	10.27	AV	157.40	100	Horizontal	Pass
6	6644.000	55.67	3.96	74.0	18.33	Peak	350.10	100	Horizontal	Pass
6**	6644.000	45.12	3.96	54.0	8.88	AV	350.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.15.40

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

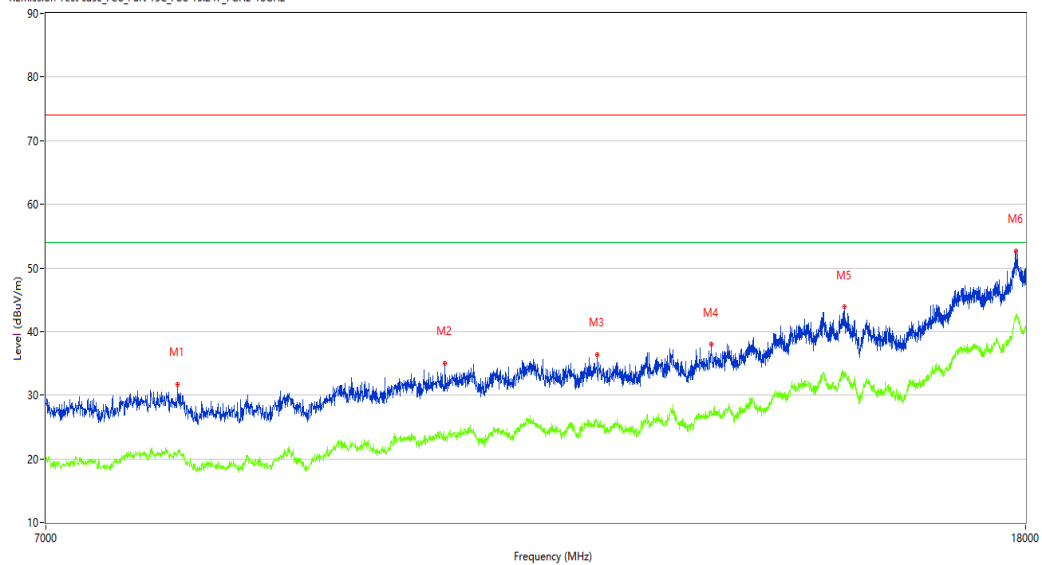
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	31.76	0.60	74.0	42.24	Peak	110.70	100	Horizontal	Pass
1**	7948.750	20.98	0.60	54.0	33.02	AV	110.70	100	Horizontal	Pass
2	10286.250	35.06	3.20	74.0	38.94	Peak	358.40	100	Horizontal	Pass
2**	10286.250	23.41	3.20	54.0	30.59	AV	358.40	100	Horizontal	Pass
3	11908.750	36.43	4.42	74.0	37.57	Peak	298.30	100	Horizontal	Pass
3**	11908.750	25.92	4.42	54.0	28.08	AV	298.30	100	Horizontal	Pass
4	13297.500	37.97	6.11	74.0	36.03	Peak	351.50	100	Horizontal	Pass
4**	13297.500	27.03	6.11	54.0	26.97	AV	351.50	100	Horizontal	Pass
5	15112.500	43.83	9.86	74.0	30.17	Peak	351.50	100	Horizontal	Pass
5**	15112.500	33.12	9.86	54.0	20.88	AV	351.50	100	Horizontal	Pass
6	17840.501	52.69	18.45	74.0	21.31	Peak	0.00	100	Horizontal	Pass
6**	17840.501	42.48	18.45	54.0	11.52	AV	0.00	100	Horizontal	Pass

BLE-2M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_15.05.48

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

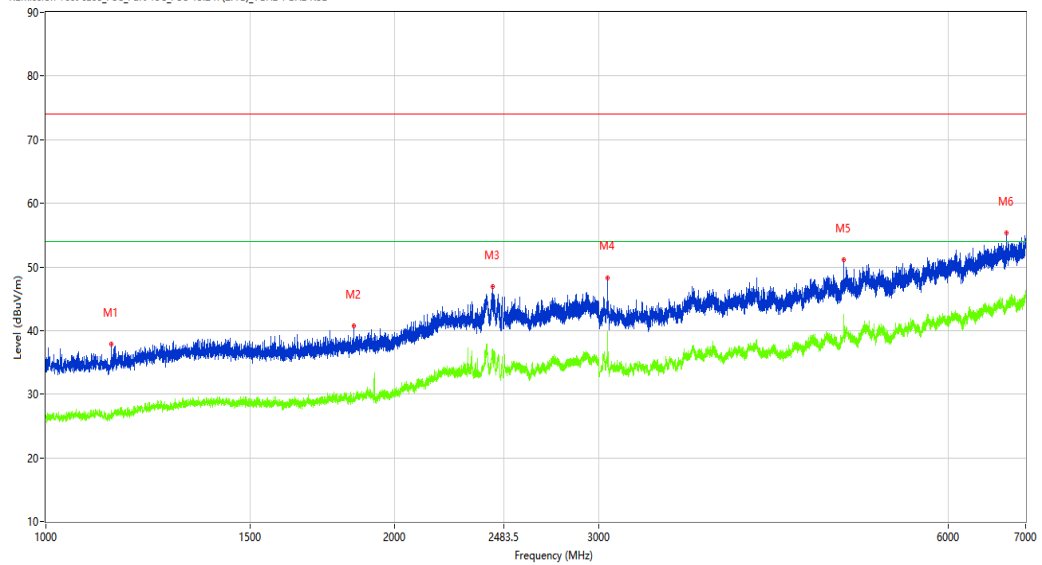
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1138.750	37.80	-15.21	74.0	36.20	Peak	299.60	100	Vertical	Pass
1**	1138.750	27.25	-15.21	54.0	26.75	AV	299.60	100	Vertical	Pass
2	1844.250	40.77	-12.90	74.0	33.23	Peak	55.40	200	Vertical	Pass
2**	1844.250	28.76	-12.90	54.0	25.24	AV	55.40	200	Vertical	Pass
3	2427.000	46.85	-5.71	74.0	27.15	Peak	94.00	100	Vertical	Pass
3**	2427.000	37.18	-5.71	54.0	16.82	AV	94.00	100	Vertical	Pass
4	3050.000	48.32	-4.72	74.0	25.68	Peak	282.30	200	Vertical	Pass
4**	3050.000	39.78	-4.72	54.0	14.22	AV	282.30	200	Vertical	Pass
5	4879.500	51.10	-0.57	74.0	22.90	Peak	82.10	200	Vertical	Pass
5**	4879.500	42.51	-0.57	54.0	11.49	AV	82.10	200	Vertical	Pass
6	6742.000	55.28	3.32	74.0	18.72	Peak	163.90	200	Vertical	Pass
6**	6742.000	44.85	3.32	54.0	9.15	AV	163.90	200	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.42.51

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7596.750	32.17	0.09	74.0	41.83	Peak	108.40	100	Vertical	Pass
1**	7596.750	21.08	0.09	54.0	32.92	AV	108.40	100	Vertical	Pass
2	9458.500	33.25	1.94	74.0	40.75	Peak	108.40	100	Vertical	Pass
2**	9458.500	22.16	1.94	54.0	31.84	AV	108.40	100	Vertical	Pass
3	11609.000	35.29	4.85	74.0	38.71	Peak	296.70	100	Vertical	Pass
3**	11609.000	25.36	4.85	54.0	28.64	AV	296.70	100	Vertical	Pass
4	14821.000	43.24	11.68	74.0	30.76	Peak	0.00	100	Vertical	Pass
4**	14821.000	33.18	11.68	54.0	20.82	AV	0.00	100	Vertical	Pass
5	17205.250	48.12	15.03	74.0	25.88	Peak	236.70	100	Vertical	Pass
5**	17205.250	38.11	15.03	54.0	15.89	AV	236.70	100	Vertical	Pass
6	17824.000	51.68	18.38	74.0	22.32	Peak	296.70	100	Vertical	Pass
6**	17824.000	42.32	18.38	54.0	11.68	AV	296.70	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-12_09.51.31

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

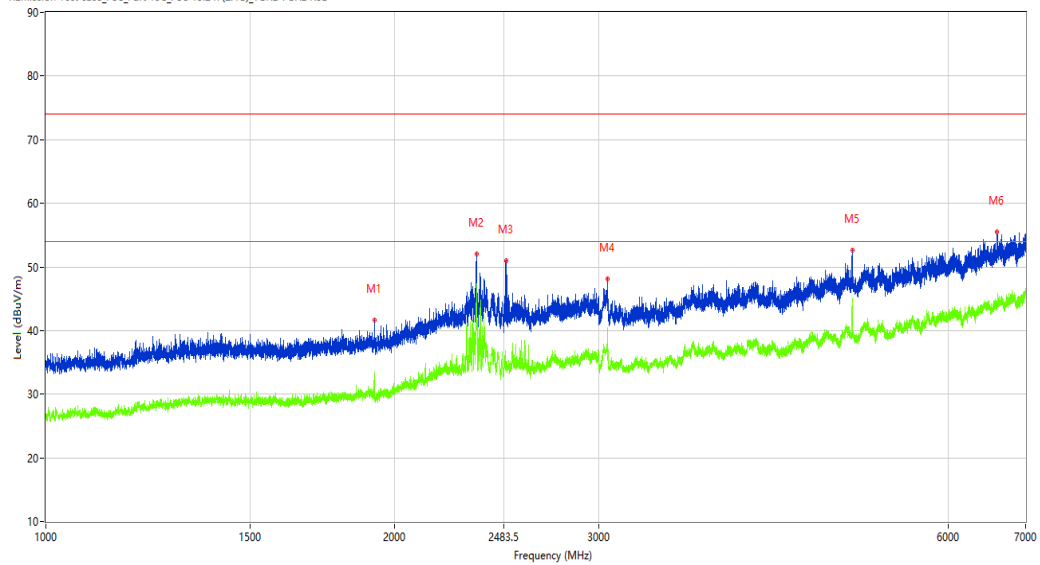
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1920.000	41.63	-12.27	74.0	32.37	Peak	211.60	100	Horizontal	Pass
1**	1920.000	33.50	-12.27	54.0	20.50	AV	211.60	100	Horizontal	Pass
2	2351.500	52.07	-8.66	74.0	21.93	Peak	121.20	100	Horizontal	Pass
2**	2351.500	46.59	-8.66	54.0	7.41	AV	121.20	100	Horizontal	Pass
3	2493.750	51.00	-7.30	74.0	23.00	Peak	291.70	100	Horizontal	Pass
3**	2493.750	33.84	-7.30	54.0	20.16	AV	291.70	100	Horizontal	Pass
4	3050.500	48.15	-5.39	74.0	25.85	Peak	181.90	100	Horizontal	Pass
4**	3050.500	39.74	-5.39	54.0	14.26	AV	181.90	100	Horizontal	Pass
5	4960.000	52.68	-0.84	74.0	21.32	Peak	154.80	100	Horizontal	Pass
5**	4960.000	45.08	-0.84	54.0	8.92	AV	154.80	100	Horizontal	Pass
6	6616.500	55.50	3.64	74.0	18.50	Peak	53.50	100	Horizontal	Pass
6**	6616.500	44.65	3.64	54.0	9.35	AV	53.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_10.17.29

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

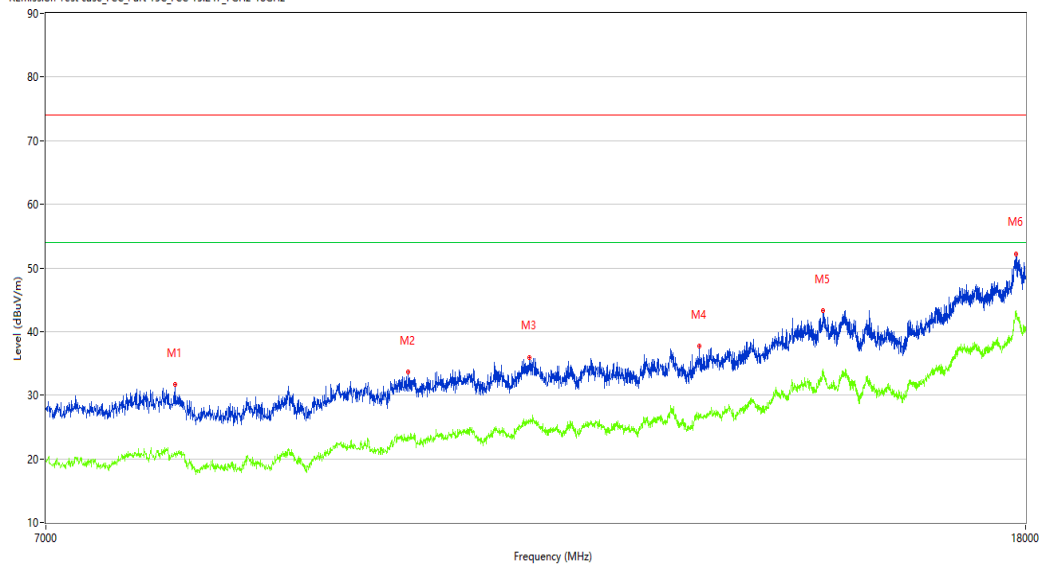
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	7926.750	31.63	0.44	74.0	42.37	Peak	0.00	100	Horizontal	Pass
1**	7926.750	20.82	0.44	54.0	33.18	AV	0.00	100	Horizontal	Pass
2	9928.750	33.63	2.94	74.0	40.37	Peak	303.40	100	Horizontal	Pass
2**	9928.750	23.73	2.94	54.0	30.27	AV	303.40	100	Horizontal	Pass
3	11158.000	35.96	3.93	74.0	38.04	Peak	246.70	100	Horizontal	Pass
3**	11158.000	25.85	3.93	54.0	28.15	AV	246.70	100	Horizontal	Pass
4	13140.750	37.67	5.94	74.0	36.33	Peak	0.00	100	Horizontal	Pass
4**	13140.750	26.49	5.94	54.0	27.51	AV	0.00	100	Horizontal	Pass
5	14810.000	43.23	11.98	74.0	30.77	Peak	246.70	100	Horizontal	Pass
5**	14810.000	33.38	11.98	54.0	20.62	AV	246.70	100	Horizontal	Pass
6	17840.501	52.24	18.45	74.0	21.76	Peak	360.00	100	Horizontal	Pass
6**	17840.501	42.33	18.45	54.0	11.67	AV	360.00	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-16_15.02.37

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

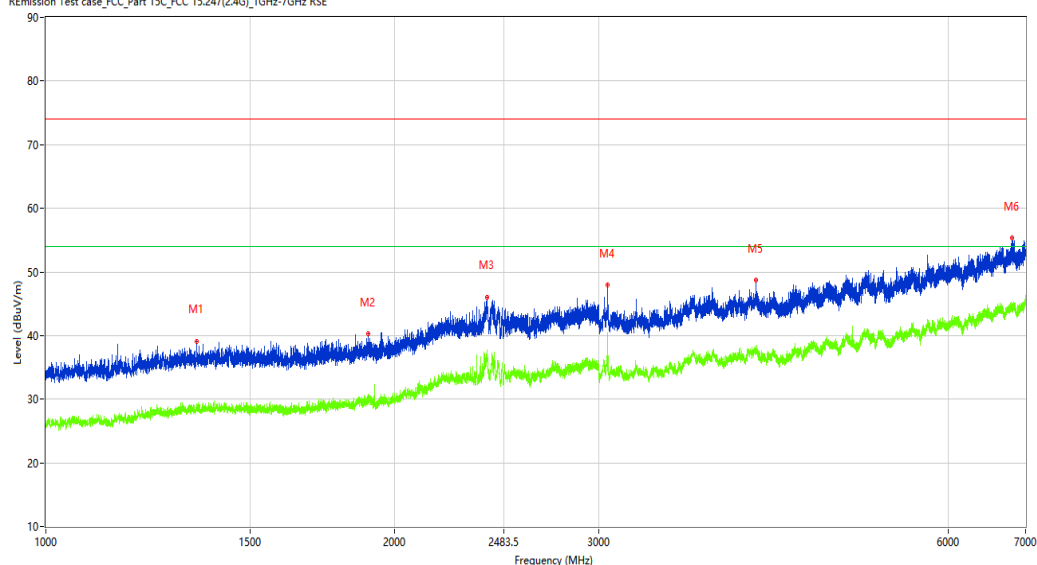
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	1349.750	39.13	-13.45	74.0	34.87	Peak	0.00	100	Vertical	Pass
1**	1349.750	29.22	-13.45	54.0	24.78	AV	0.00	100	Vertical	Pass
2	1898.250	40.31	-12.04	74.0	33.69	Peak	0.00	100	Vertical	Pass
2**	1898.250	30.04	-12.04	54.0	23.96	AV	0.00	100	Vertical	Pass
3	2401.500	46.07	-4.78	74.0	27.93	Peak	193.90	100	Vertical	Pass
3**	2401.500	36.82	-4.78	54.0	17.18	AV	193.90	100	Vertical	Pass
4	3050.500	47.92	-5.39	74.0	26.08	Peak	198.70	100	Vertical	Pass
4**	3050.500	39.38	-5.39	54.0	14.62	AV	198.70	100	Vertical	Pass
5	4098.000	48.68	-1.49	74.0	25.32	Peak	84.40	100	Vertical	Pass
5**	4098.000	37.93	-1.49	54.0	16.07	AV	84.40	100	Vertical	Pass
6	6810.000	55.31	4.26	74.0	18.69	Peak	198.70	100	Vertical	Pass
6**	6810.000	44.41	4.26	54.0	9.59	AV	198.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-12_11.44.32

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

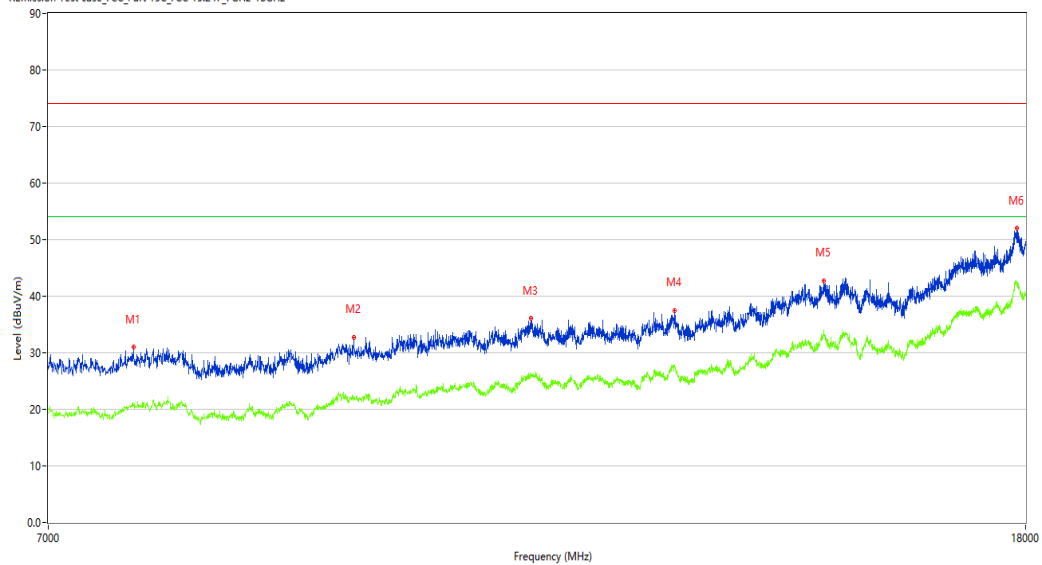
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	7599.500	30.97	0.02	74.0	43.03	Peak	47.70	100	Vertical	Pass
1**	7599.500	20.60	0.02	54.0	33.40	AV	47.70	100	Vertical	Pass
2	9403.500	32.75	1.76	74.0	41.25	Peak	360.00	100	Vertical	Pass
2**	9403.500	22.01	1.76	54.0	31.99	AV	360.00	100	Vertical	Pass
3	11158.000	36.04	3.93	74.0	37.96	Peak	314.50	100	Vertical	Pass
3**	11158.000	26.01	3.93	54.0	27.99	AV	314.50	100	Vertical	Pass
4	12824.500	37.54	5.44	74.0	36.46	Peak	360.00	100	Vertical	Pass
4**	12824.500	27.50	5.44	54.0	26.50	AV	360.00	100	Vertical	Pass
5	14815.500	42.74	11.92	74.0	31.26	Peak	360.00	100	Vertical	Pass
5**	14815.500	33.21	11.92	54.0	20.79	AV	360.00	100	Vertical	Pass
6	17854.251	51.95	18.55	74.0	22.05	Peak	0.50	100	Vertical	Pass
6**	17854.251	41.86	18.55	54.0	12.14	AV	0.50	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.21.29

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

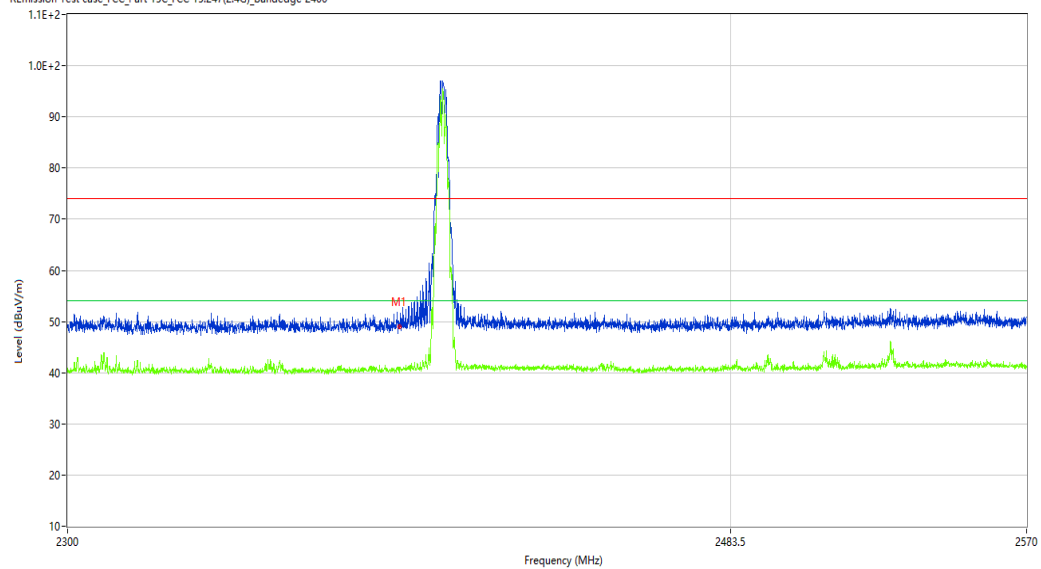
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

R Emission 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	49.16	-10.58	74.0	24.84	Peak	240.23	100	H	Pass
1**	2390.000	40.16	-10.58	54.0	13.84	AV	240.23	100	H	Pass

BLE-2M-Bandedge -Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2026-03-12_11.25.46

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

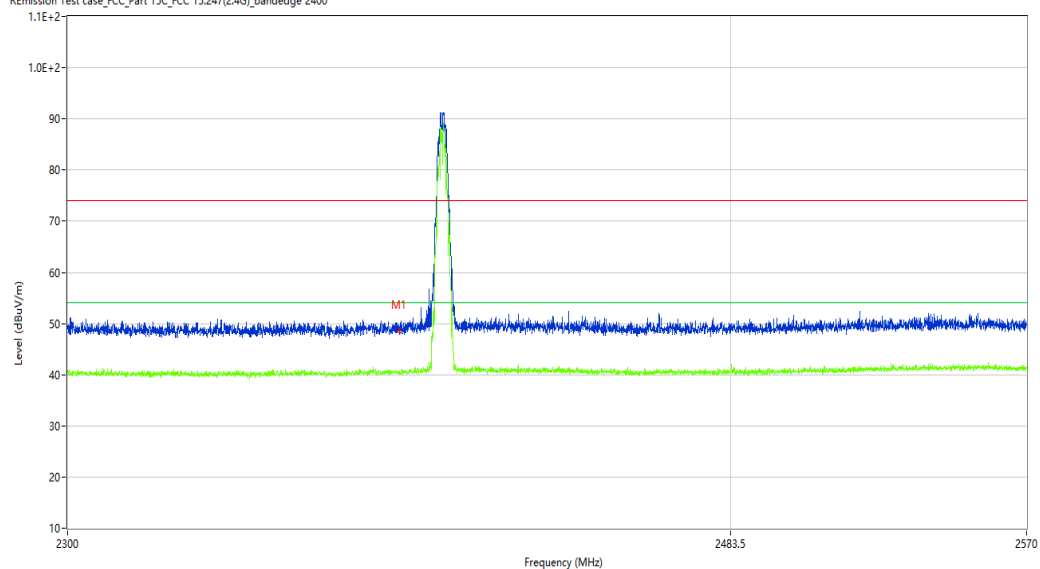
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	48.87	-10.58	74.0	25.13	Peak	52.85	100	Vertical	Pass
1**	2390.000	40.33	-10.58	54.0	13.67	AV	52.85	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-12_11.19.30

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

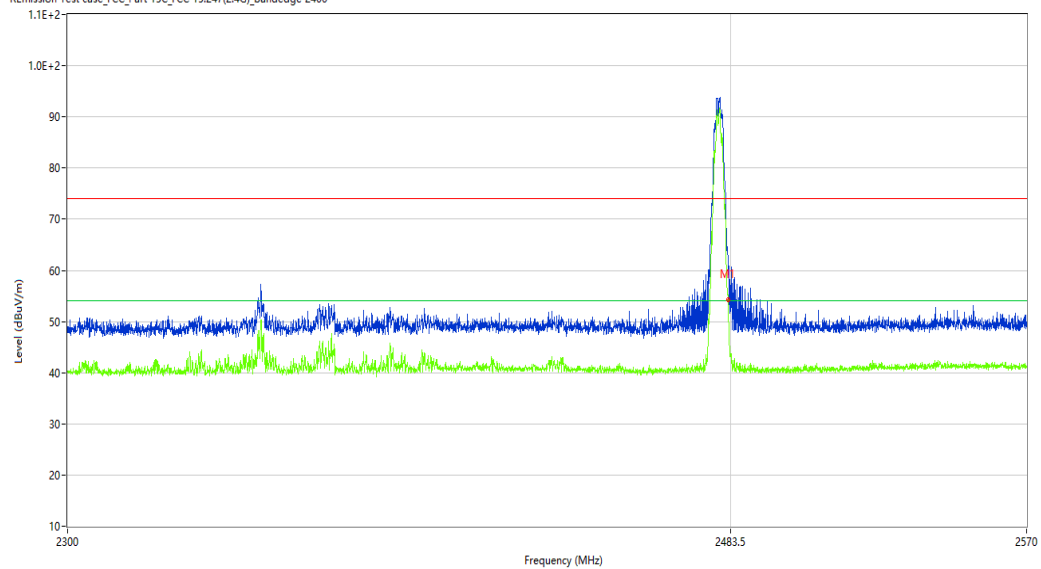
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	54.06	-10.56	74.0	19.94	Peak	285.20	100	H	Pass
1**	2483.500	43.51	-10.56	54.0	10.49	AV	285.20	100	H	Pass

BLE-2M-Bandedge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2026-03-12_11.28.41

EUT Name: CONTROL BOX

Test Engineer: XCJ

Manufacturer: N.A

Test Standard: FCC

Model: MC321

Work Addition: TX

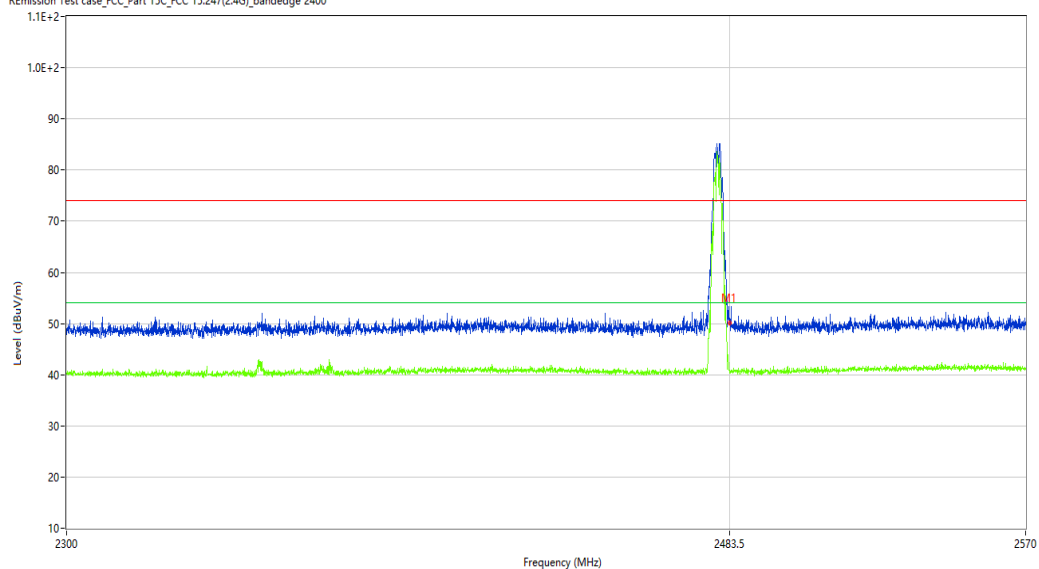
Temp.(oC): 22.3

Load: Full load

Hum.: 52%RH

Remark: DR-RSE01-E26020003-02#04

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	50.44	-10.56	74.0	23.56	Peak	256.13	100	V	Pass
1**	2483.500	40.83	-10.56	54.0	13.17	AV	256.13	100	V	Pass