

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

30M-1G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09.17.13

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

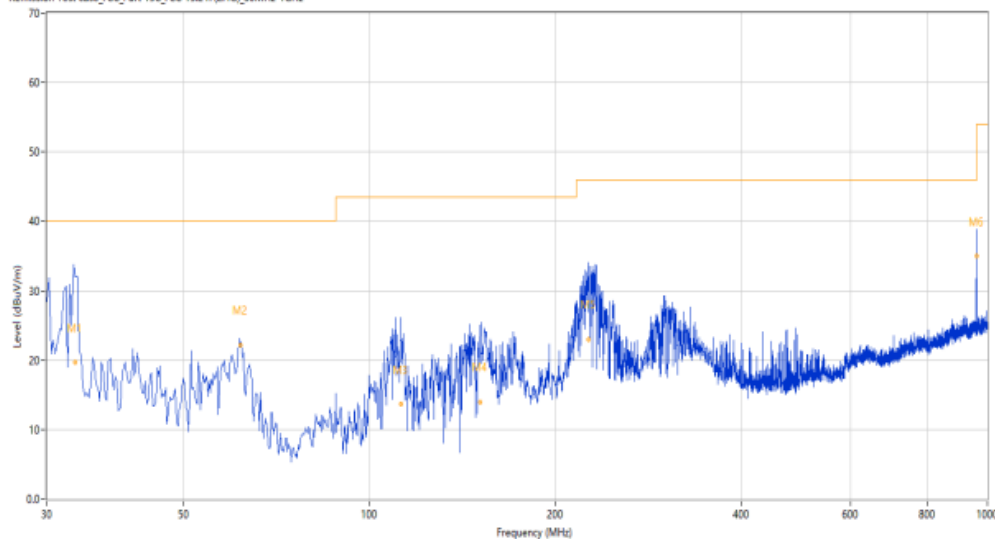
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	33.311	39.48	-27.18	40.0	0.52	Peak	56.10	146	Horizontal	Pass
1*	33.311	19.73	-27.18	40.0	20.27	QP	56.10	146	Horizontal	Pass
2	61.717	29.51	-25.31	40.0	10.49	Peak	337.80	271	Horizontal	Pass
2*	61.717	22.16	-25.31	40.0	17.84	QP	337.80	271	Horizontal	Pass
3	112.483	26.89	-25.58	43.5	16.61	Peak	360.00	161	Horizontal	Pass
3*	112.483	13.65	-25.58	43.5	29.85	QP	360.00	161	Horizontal	Pass
4	151.035	26.57	-28.34	43.5	16.93	Peak	360.00	111	Horizontal	Pass
4*	151.035	13.99	-28.34	43.5	29.51	QP	360.00	111	Horizontal	Pass
5	226.331	33.39	-24.15	46.0	12.61	Peak	360.00	106	Horizontal	Pass
5*	226.331	23.00	-24.15	46.0	23.00	QP	360.00	106	Horizontal	Pass
6	959.658	40.00	-7.50	46.0	6.00	Peak	25.60	151	Horizontal	Pass
6*	959.658	34.96	-7.50	46.0	11.04	QP	25.60	151	Horizontal	Pass

BLE-1M- Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09.07.44

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

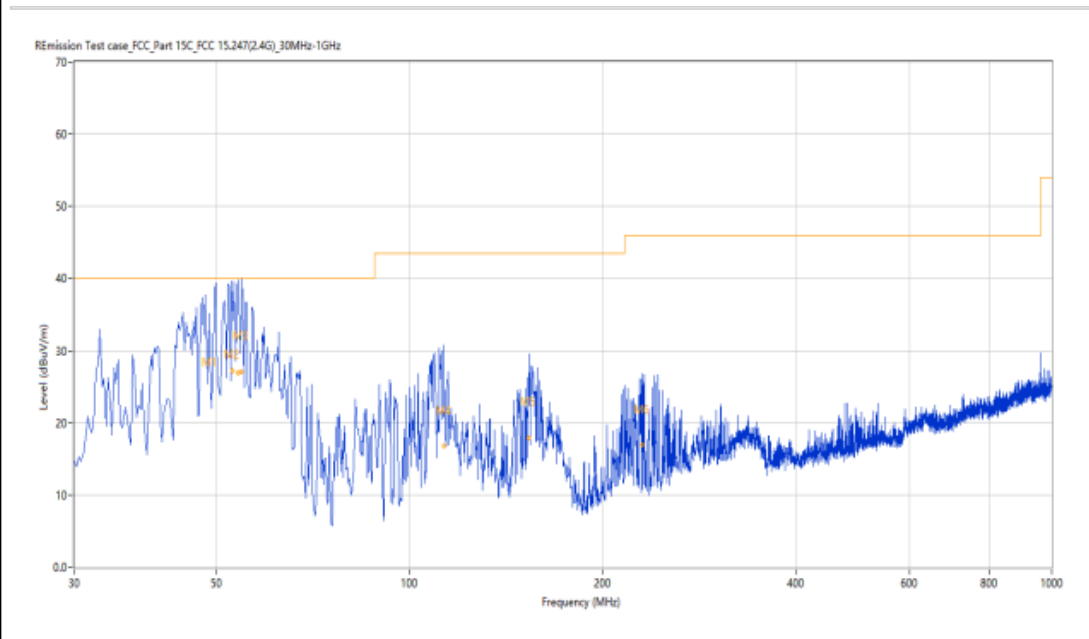
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.883	38.42	-23.84	40.0	1.58	Peak	269.30	101	Vertical	Pass
1*	52.883	27.23	-23.84	40.0	12.77	QP	269.30	101	Vertical	Pass
2	53.989	39.42	-23.96	40.0	0.58	Peak	195.30	100	Vertical	Pass
2*	53.989	26.94	-23.96	40.0	13.06	QP	195.30	100	Vertical	Pass
3	54.622	39.69	-24.05	40.0	0.31	Peak	327.40	101	Vertical	Pass
3*	54.622	27.01	-24.05	40.0	12.99	QP	327.40	101	Vertical	Pass
4	112.998	29.94	-25.71	43.5	13.56	Peak	181.20	100	Vertical	Pass
4*	112.998	16.88	-25.71	43.5	26.62	QP	181.20	100	Vertical	Pass
5	153.301	29.27	-28.22	43.5	14.23	Peak	44.60	101	Vertical	Pass
5*	153.301	17.97	-28.22	43.5	25.53	QP	44.60	101	Vertical	Pass
6	230.108	27.22	-23.78	46.0	18.78	Peak	1.90	105	Vertical	Pass
6*	230.108	17.00	-23.78	46.0	29.00	QP	1.90	105	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.06.27

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

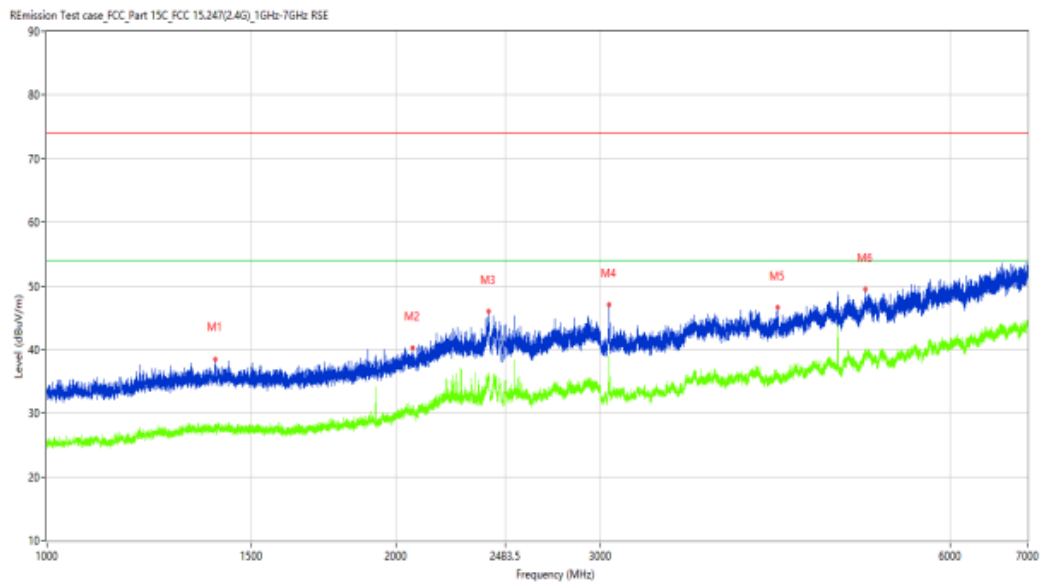
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.250	38.53	-13.39	74.0	35.47	Peak	176.10	100	Horizontal	Pass
1**	1397.250	28.17	-13.39	54.0	25.83	AV	176.10	100	Horizontal	Pass
2	2066.250	40.30	-10.29	74.0	33.70	Peak	298.50	100	Horizontal	Pass
2**	2066.250	30.51	-10.29	54.0	23.49	AV	298.50	100	Horizontal	Pass
3	2400.250	45.99	-4.78	74.0	28.01	Peak	0.10	100	Horizontal	Pass
3**	2400.250	36.24	-4.78	54.0	17.76	AV	0.10	100	Horizontal	Pass
4	3050.000	47.04	-4.72	74.0	26.96	Peak	360.00	100	Horizontal	Pass
4**	3050.000	38.97	-4.72	54.0	15.03	AV	360.00	100	Horizontal	Pass
5	4259.500	46.66	-2.12	74.0	27.34	Peak	79.60	100	Horizontal	Pass
5**	4259.500	35.49	-2.12	54.0	18.51	AV	79.60	100	Horizontal	Pass
6	5077.500	49.47	0.77	74.0	24.53	Peak	306.60	100	Horizontal	Pass
6**	5077.500	39.20	0.77	54.0	14.80	AV	306.60	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.09.32

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

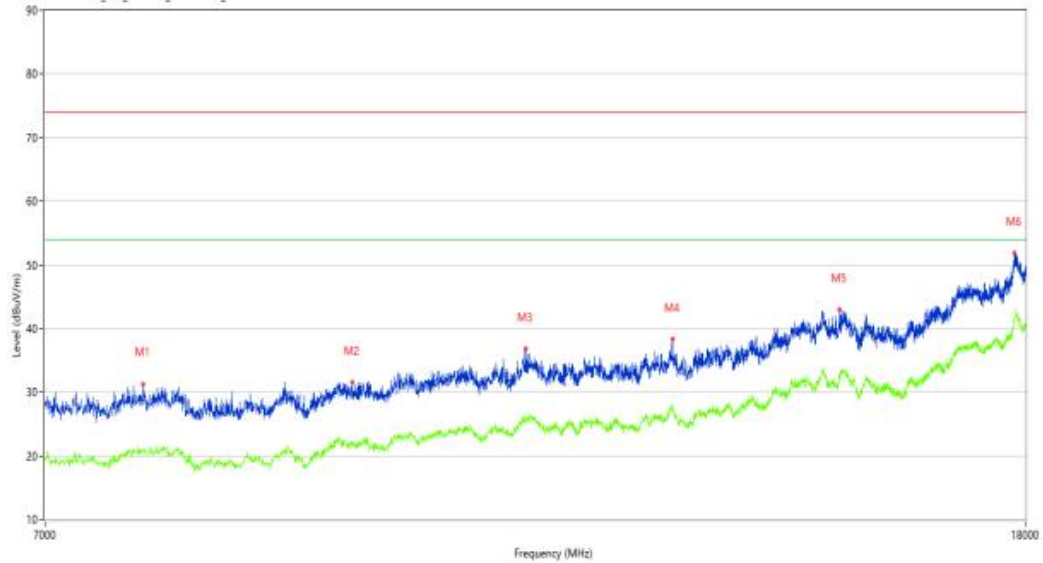
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	7695.750	31.32	0.97	74.0	42.68	Peak	128.70	100	Horizontal	Pass
1**	7695.750	20.77	0.97	54.0	33.23	AV	128.70	100	Horizontal	Pass
2	9414.500	31.59	1.50	74.0	42.41	Peak	194.90	100	Horizontal	Pass
2**	9414.500	22.04	1.50	54.0	31.96	AV	194.90	100	Horizontal	Pass
3	11119.500	36.83	3.95	74.0	37.17	Peak	7.00	100	Horizontal	Pass
3**	11119.500	25.72	3.95	54.0	28.28	AV	7.00	100	Horizontal	Pass
4	12813.500	38.31	5.55	74.0	35.69	Peak	313.60	100	Horizontal	Pass
4**	12813.500	28.16	5.55	54.0	25.84	AV	313.60	100	Horizontal	Pass
5	15049.250	43.03	10.33	74.0	30.97	Peak	194.90	100	Horizontal	Pass
5**	15049.250	32.50	10.33	54.0	21.50	AV	194.90	100	Horizontal	Pass
6	17802.000	51.85	17.85	74.0	22.15	Peak	248.90	100	Horizontal	Pass
6**	17802.000	41.03	17.85	54.0	12.97	AV	248.90	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.10.12

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

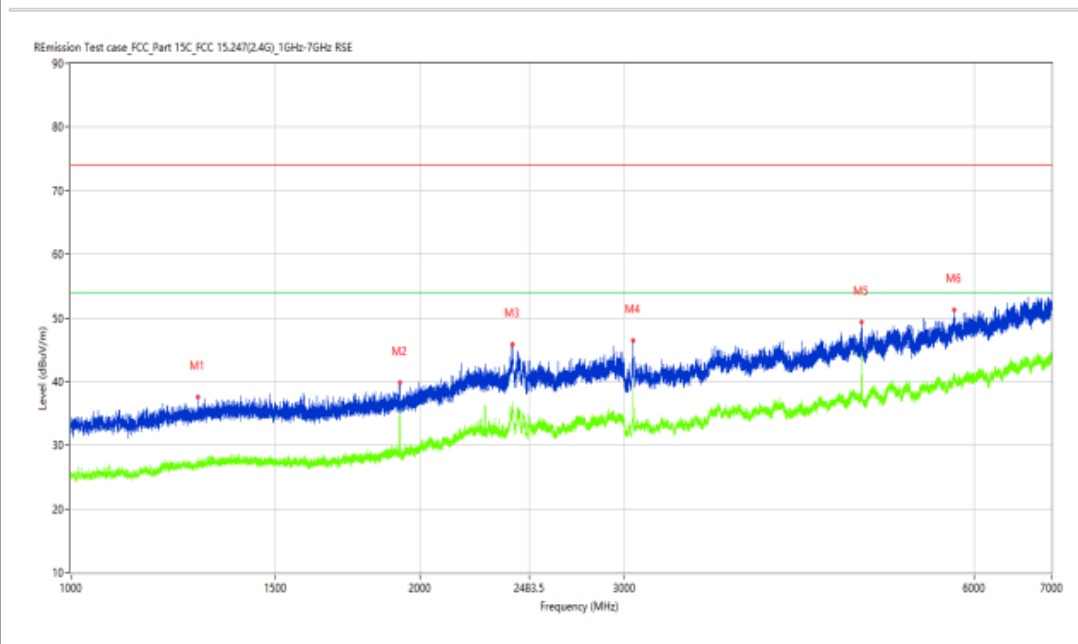
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1287.000	37.52	-13.94	74.0	36.48	Peak	0.00	100	Vertical	Pass
1**	1287.000	26.74	-13.94	54.0	27.26	AV	0.00	100	Vertical	Pass
2	1920.500	39.85	-12.27	74.0	34.15	Peak	279.60	100	Vertical	Pass
2**	1920.500	34.94	-12.27	54.0	19.06	AV	279.60	100	Vertical	Pass
3	2401.000	45.88	-4.78	74.0	28.12	Peak	307.10	100	Vertical	Pass
3**	2401.000	36.04	-4.78	54.0	17.96	AV	307.10	100	Vertical	Pass
4	3050.500	46.50	-5.39	74.0	27.50	Peak	301.00	100	Vertical	Pass
4**	3050.500	38.12	-5.39	54.0	15.88	AV	301.00	100	Vertical	Pass
5	4803.500	49.26	-1.59	74.0	24.74	Peak	54.60	100	Vertical	Pass
5**	4803.500	43.72	-1.59	54.0	10.28	AV	54.60	100	Vertical	Pass
6	5766.500	51.22	1.62	74.0	22.78	Peak	301.00	100	Vertical	Pass
6**	5766.500	40.39	1.62	54.0	13.61	AV	301.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.14.38

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

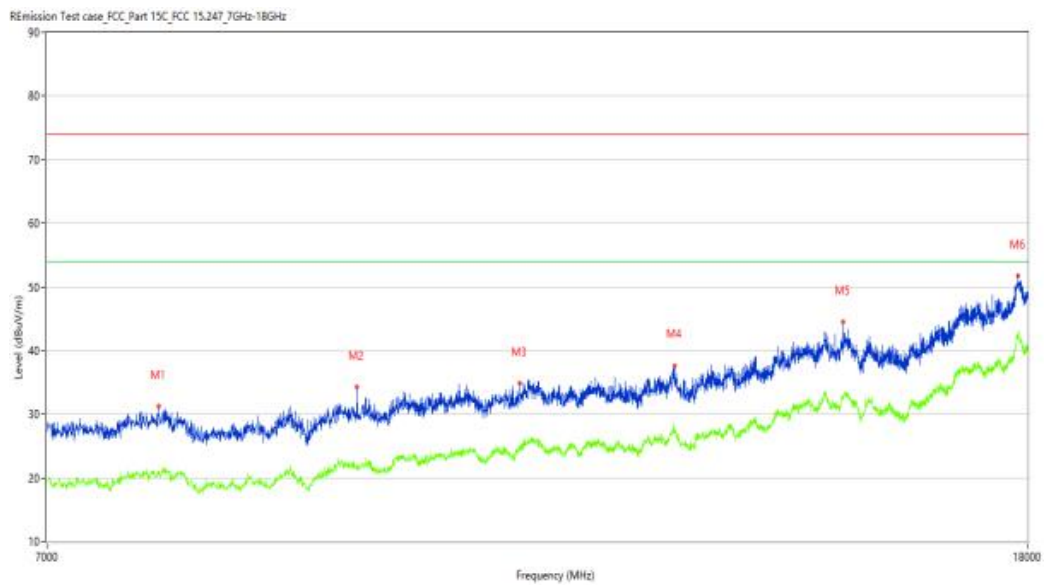
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7794.750	31.28	0.65	74.0	42.72	Peak	168.40	100	Vertical	Pass
1**	7794.750	20.97	0.65	54.0	33.03	AV	168.40	100	Vertical	Pass
2	9436.500	34.24	1.70	74.0	39.76	Peak	0.00	100	Vertical	Pass
2**	9436.500	21.87	1.70	54.0	32.13	AV	0.00	100	Vertical	Pass
3	11039.750	34.82	4.38	74.0	39.18	Peak	168.40	100	Vertical	Pass
3**	11039.750	24.36	4.38	54.0	29.64	AV	168.40	100	Vertical	Pass
4	12810.750	37.61	5.63	74.0	36.39	Peak	168.40	100	Vertical	Pass
4**	12810.750	27.12	5.63	54.0	26.88	AV	168.40	100	Vertical	Pass
5	15074.000	44.43	10.41	74.0	29.57	Peak	356.00	100	Vertical	Pass
5**	15074.000	32.41	10.41	54.0	21.59	AV	356.00	100	Vertical	Pass
6	17832.249	51.72	18.61	74.0	22.28	Peak	237.20	100	Vertical	Pass
6**	17832.249	42.75	18.61	54.0	11.25	AV	237.20	100	Vertical	Pass

18-25G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Test

Test Time: 2026-03-20_10.10.45

EUT Name: N.A

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

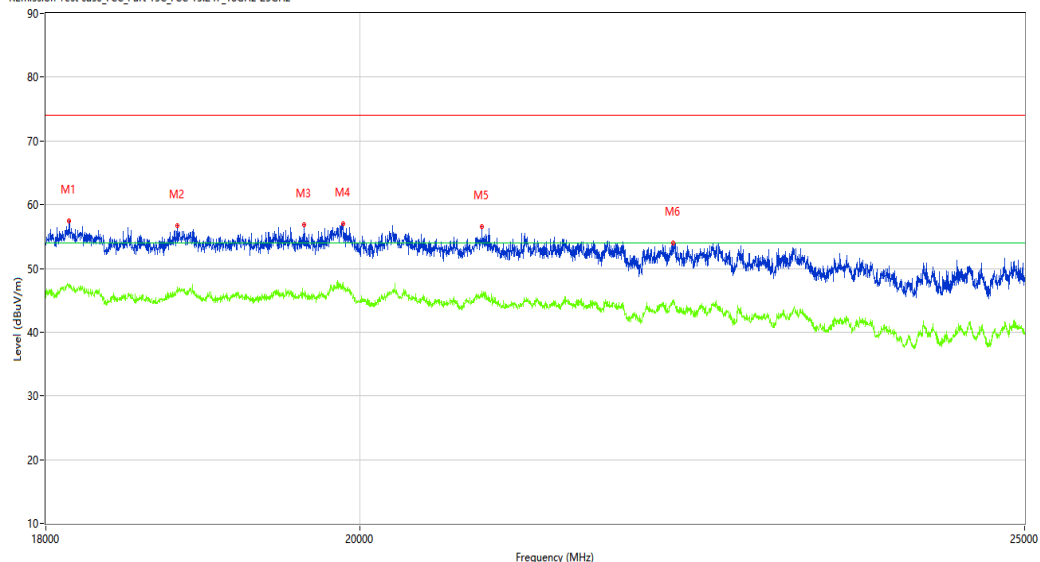
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	18140.000	57.50	18.51	74.0	16.50	Peak	7.20	100	Horizontal	Pass
1**	18140.000	46.86	18.51	54.0	7.14	AV	7.20	100	Horizontal	Pass
2	18810.249	56.72	17.81	74.0	17.28	Peak	2.88	100	Horizontal	Pass
2**	18810.249	47.04	17.81	54.0	6.96	AV	2.88	100	Horizontal	Pass
3	19631.000	56.93	17.66	74.0	17.07	Peak	1.44	100	Horizontal	Pass
3**	19631.000	45.60	17.66	54.0	8.40	AV	1.44	100	Horizontal	Pass
4	19886.500	56.98	17.49	74.0	17.02	Peak	12.96	100	Horizontal	Pass
4**	19886.500	46.86	17.49	54.0	7.14	AV	12.96	100	Horizontal	Pass
5	20838.500	56.57	16.57	74.0	17.43	Peak	4.32	100	Horizontal	Pass
5**	20838.500	46.28	16.57	54.0	7.72	AV	4.32	100	Horizontal	Pass
6	22215.750	54.06	15.87	74.0	19.94	Peak	9.72	100	Horizontal	Pass
6**	22215.750	44.63	15.87	54.0	9.37	AV	9.72	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Test

Test Time: 2026-03-20_10.03.21

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 22.6

Hum.: 39.1%

Test Engineer: SDC

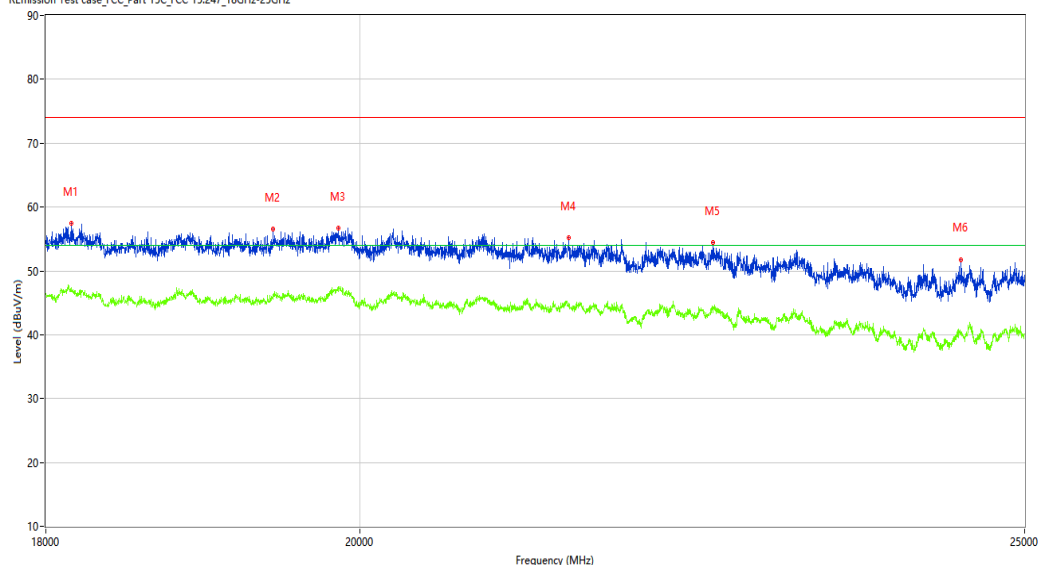
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E26020002-02#05

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	18155.749	57.50	18.47	74.0	16.50	Peak	2.52	100	Vertical	Pass
1**	18155.749	47.36	18.47	54.0	6.64	AV	2.52	100	Vertical	Pass
2	19426.251	56.52	17.87	74.0	17.48	Peak	7.92	100	Vertical	Pass
2**	19426.251	46.07	17.87	54.0	7.93	AV	7.92	100	Vertical	Pass
3	19856.751	56.74	17.49	74.0	17.26	Peak	4.68	100	Vertical	Pass
3**	19856.751	47.57	17.49	54.0	6.43	AV	4.68	100	Vertical	Pass
4	21454.500	55.16	15.89	74.0	18.84	Peak	4.68	100	Vertical	Pass
4**	21454.500	44.92	15.89	54.0	9.08	AV	4.68	100	Vertical	Pass
5	22514.999	54.43	15.22	74.0	19.57	Peak	2.52	100	Vertical	Pass
5**	22514.999	44.35	15.22	54.0	9.65	AV	2.52	100	Vertical	Pass
6	24473.250	51.77	11.44	74.0	22.23	Peak	13.68	100	Vertical	Pass
6**	24473.250	40.25	11.44	54.0	13.75	AV	13.68	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.03.07

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

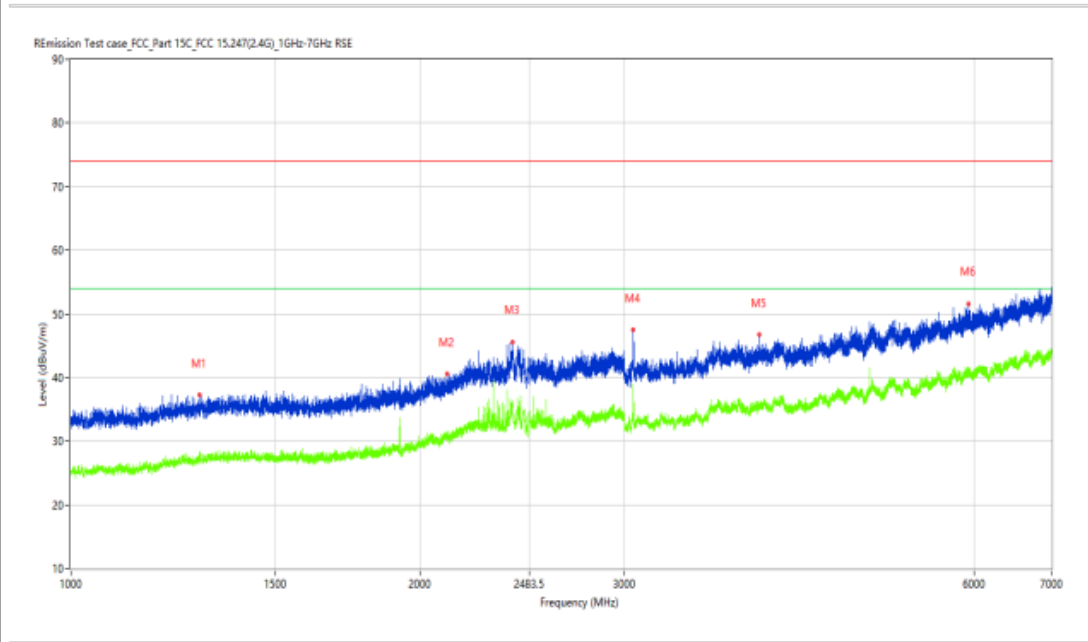
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1290.250	37.31	-13.85	74.0	36.69	Peak	296.60	100	Horizontal	Pass
1**	1290.250	27.07	-13.85	54.0	26.93	AV	296.60	100	Horizontal	Pass
2	2109.000	40.58	-9.94	74.0	33.42	Peak	92.70	100	Horizontal	Pass
2**	2109.000	30.43	-9.94	54.0	23.57	AV	92.70	100	Horizontal	Pass
3	2401.500	45.62	-4.78	74.0	28.38	Peak	194.70	100	Horizontal	Pass
3**	2401.500	36.13	-4.78	54.0	17.87	AV	194.70	100	Horizontal	Pass
4	3050.000	47.53	-4.72	74.0	26.47	Peak	181.90	100	Horizontal	Pass
4**	3050.000	38.91	-4.72	54.0	15.09	AV	181.90	100	Horizontal	Pass
5	3919.500	46.71	-2.70	74.0	27.29	Peak	191.20	100	Horizontal	Pass
5**	3919.500	36.05	-2.70	54.0	17.95	AV	191.20	100	Horizontal	Pass
6	5936.500	51.66	1.56	74.0	22.34	Peak	293.60	100	Horizontal	Pass
6**	5936.500	40.92	1.56	54.0	13.08	AV	293.60	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.11.29

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

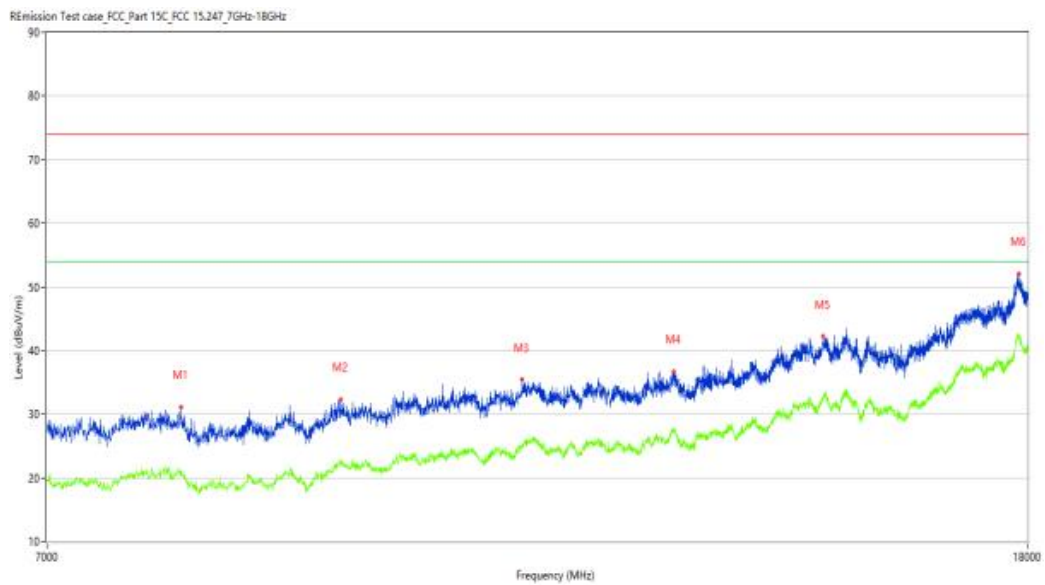
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7962.500	31.15	1.06	74.0	42.85	Peak	0.00	100	Horizontal	Pass
1**	7962.500	20.77	1.06	54.0	33.23	AV	0.00	100	Horizontal	Pass
2	9287.999	32.36	1.36	74.0	41.64	Peak	225.20	100	Horizontal	Pass
2**	9287.999	22.11	1.36	54.0	31.89	AV	225.20	100	Horizontal	Pass
3	11064.500	35.50	4.45	74.0	38.50	Peak	104.20	100	Horizontal	Pass
3**	11064.500	25.13	4.45	54.0	28.87	AV	104.20	100	Horizontal	Pass
4	12805.250	36.73	5.75	74.0	37.27	Peak	225.20	100	Horizontal	Pass
4**	12805.250	27.34	5.75	54.0	26.66	AV	225.20	100	Horizontal	Pass
5	14779.750	42.19	10.97	74.0	31.81	Peak	345.00	100	Horizontal	Pass
5**	14779.750	32.75	10.97	54.0	21.25	AV	345.00	100	Horizontal	Pass
6	17854.251	52.10	18.55	74.0	21.90	Peak	345.00	100	Horizontal	Pass
6**	17854.251	41.97	18.55	54.0	12.03	AV	345.00	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.12.52

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

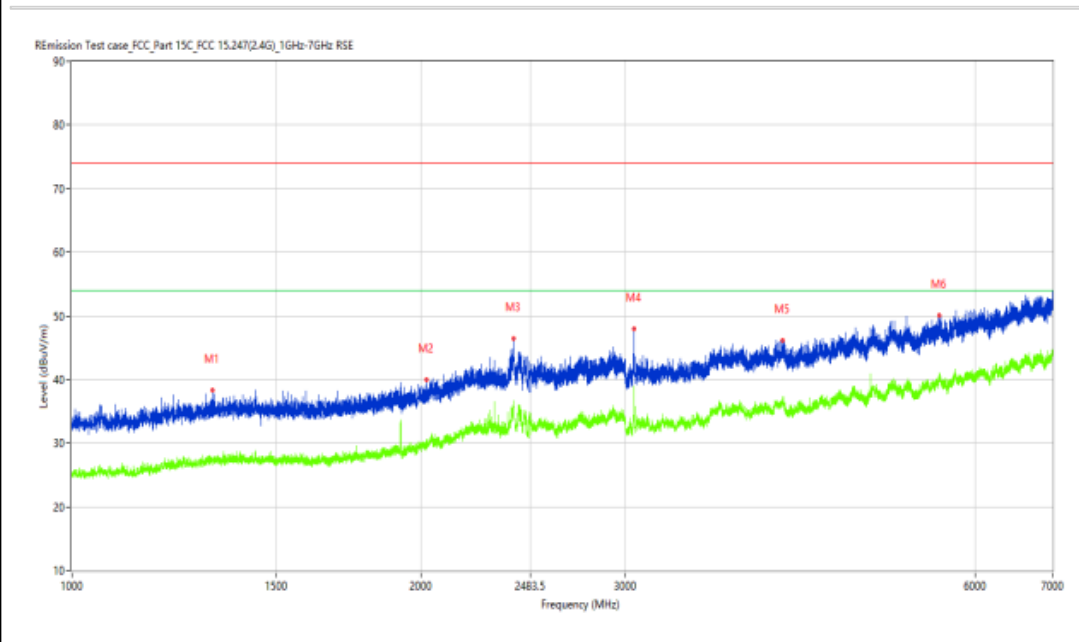
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.750	38.25	-13.70	74.0	35.75	Peak	273.50	100	Vertical	Pass
1**	1320.750	27.70	-13.70	54.0	26.30	AV	273.50	100	Vertical	Pass
2	2020.500	39.96	-11.14	74.0	34.04	Peak	178.60	100	Vertical	Pass
2**	2020.500	30.16	-11.14	54.0	23.84	AV	178.60	100	Vertical	Pass
3	2401.250	46.50	-4.78	74.0	27.50	Peak	3.80	100	Vertical	Pass
3**	2401.250	36.27	-4.78	54.0	17.73	AV	3.80	100	Vertical	Pass
4	3050.000	47.93	-4.72	74.0	26.07	Peak	41.60	100	Vertical	Pass
4**	3050.000	38.88	-4.72	54.0	15.12	AV	41.60	100	Vertical	Pass
5	4096.500	46.16	-1.44	74.0	27.84	Peak	41.60	100	Vertical	Pass
5**	4096.500	36.02	-1.44	54.0	17.98	AV	41.60	100	Vertical	Pass
6	5593.500	50.03	1.04	74.0	23.97	Peak	212.40	100	Vertical	Pass
6**	5593.500	39.76	1.04	54.0	14.24	AV	212.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.16.24

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

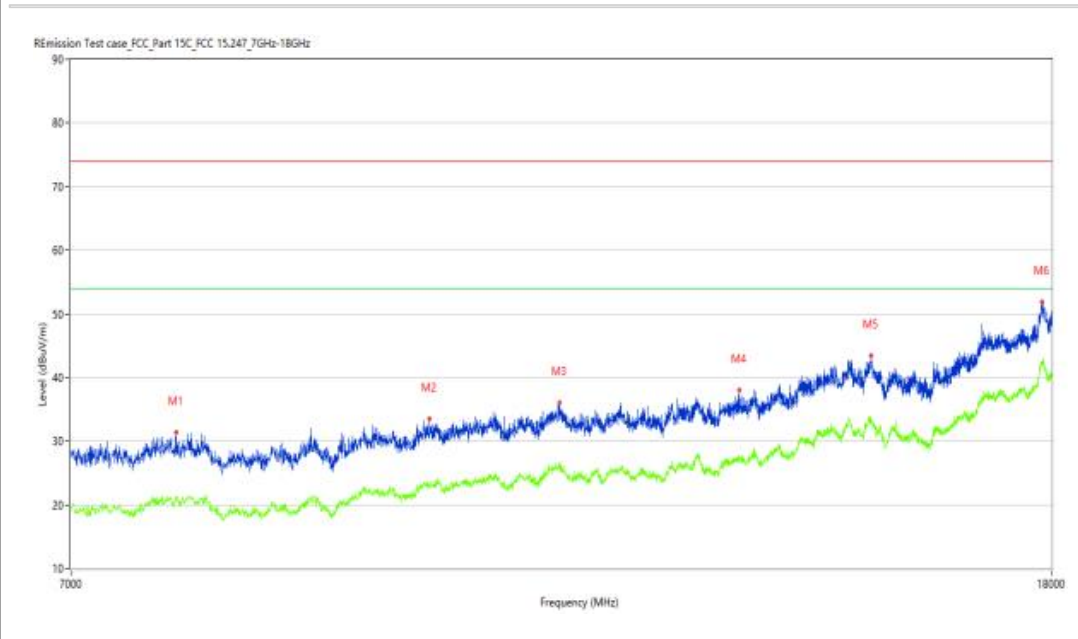
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7745.250	31.38	0.53	74.0	42.62	Peak	306.30	100	Vertical	Pass
1**	7745.250	21.26	0.53	54.0	32.74	AV	306.30	100	Vertical	Pass
2	9890.250	33.52	2.79	74.0	40.48	Peak	360.00	100	Vertical	Pass
2**	9890.250	22.75	2.79	54.0	31.25	AV	360.00	100	Vertical	Pass
3	11207.500	36.08	4.03	74.0	37.92	Peak	10.10	100	Vertical	Pass
3**	11207.500	26.83	4.03	54.0	27.17	AV	10.10	100	Vertical	Pass
4	13327.750	38.01	6.36	74.0	35.99	Peak	10.10	100	Vertical	Pass
4**	13327.750	27.64	6.36	54.0	26.36	AV	10.10	100	Vertical	Pass
5	15131.750	43.45	9.34	74.0	30.55	Peak	10.10	100	Vertical	Pass
5**	15131.750	33.59	9.34	54.0	20.41	AV	10.10	100	Vertical	Pass
6	17832.249	51.82	18.61	74.0	22.18	Peak	128.80	100	Vertical	Pass
6**	17832.249	42.34	18.61	54.0	11.66	AV	128.80	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.00.39

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

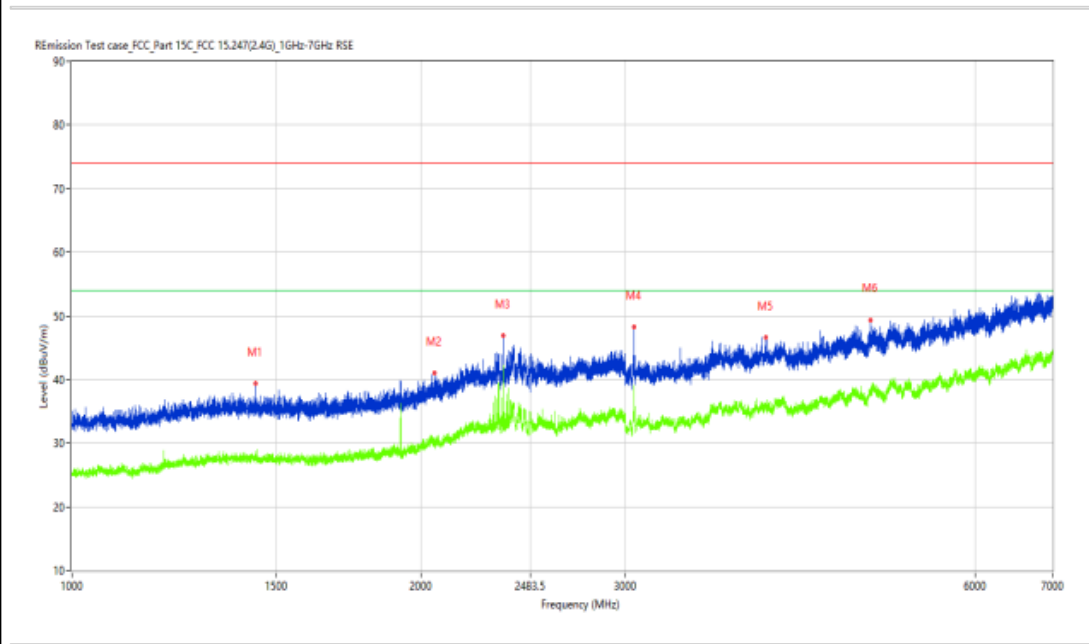
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.500	39.33	-13.52	74.0	34.67	Peak	188.00	100	Horizontal	Pass
1**	1440.500	28.63	-13.52	54.0	25.37	AV	188.00	100	Horizontal	Pass
2	2052.250	41.05	-10.51	74.0	32.95	Peak	188.00	100	Horizontal	Pass
2**	2052.250	30.74	-10.51	54.0	23.26	AV	188.00	100	Horizontal	Pass
3	2352.000	46.94	-8.65	74.0	27.06	Peak	218.10	100	Horizontal	Pass
3**	2352.000	42.19	-8.65	54.0	11.81	AV	218.10	100	Horizontal	Pass
4	3050.000	48.30	-4.72	74.0	25.70	Peak	157.70	100	Horizontal	Pass
4**	3050.000	38.35	-4.72	54.0	15.65	AV	157.70	100	Horizontal	Pass
5	3961.000	46.65	-2.19	74.0	27.35	Peak	65.10	100	Horizontal	Pass
5**	3961.000	35.92	-2.19	54.0	18.08	AV	65.10	100	Horizontal	Pass
6	4879.000	49.37	-0.56	74.0	24.63	Peak	54.60	100	Horizontal	Pass
6**	4879.000	38.49	-0.56	54.0	15.51	AV	54.60	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.13.07

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

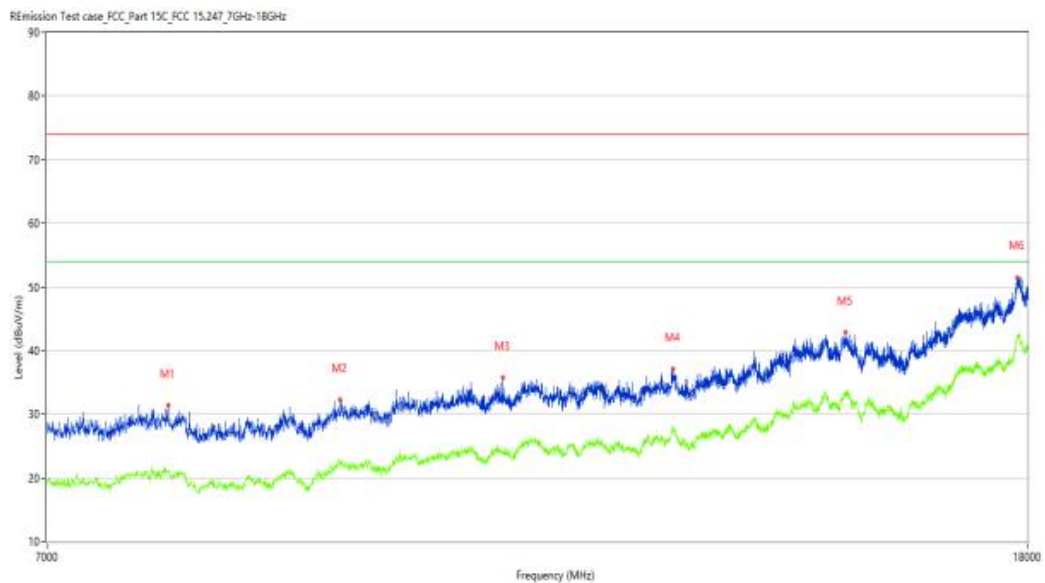
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7866.250	31.36	1.19	74.0	42.64	Peak	200.30	100	Horizontal	Pass
1**	7866.250	21.31	1.19	54.0	32.69	AV	200.30	100	Horizontal	Pass
2	9282.500	32.26	1.38	74.0	41.74	Peak	200.30	100	Horizontal	Pass
2**	9282.500	22.46	1.38	54.0	31.54	AV	200.30	100	Horizontal	Pass
3	10863.750	35.79	4.04	74.0	38.21	Peak	314.20	100	Horizontal	Pass
3**	10863.750	24.11	4.04	54.0	29.89	AV	314.20	100	Horizontal	Pass
4	12797.000	37.06	5.88	74.0	36.94	Peak	314.20	100	Horizontal	Pass
4**	12797.000	27.54	5.88	54.0	26.46	AV	314.20	100	Horizontal	Pass
5	15109.750	42.87	10.02	74.0	31.13	Peak	360.00	100	Horizontal	Pass
5**	15109.750	32.84	10.02	54.0	21.16	AV	360.00	100	Horizontal	Pass
6	17824.000	51.47	18.38	74.0	22.53	Peak	12.00	100	Horizontal	Pass
6**	17824.000	42.38	18.38	54.0	11.62	AV	12.00	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.16.53

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

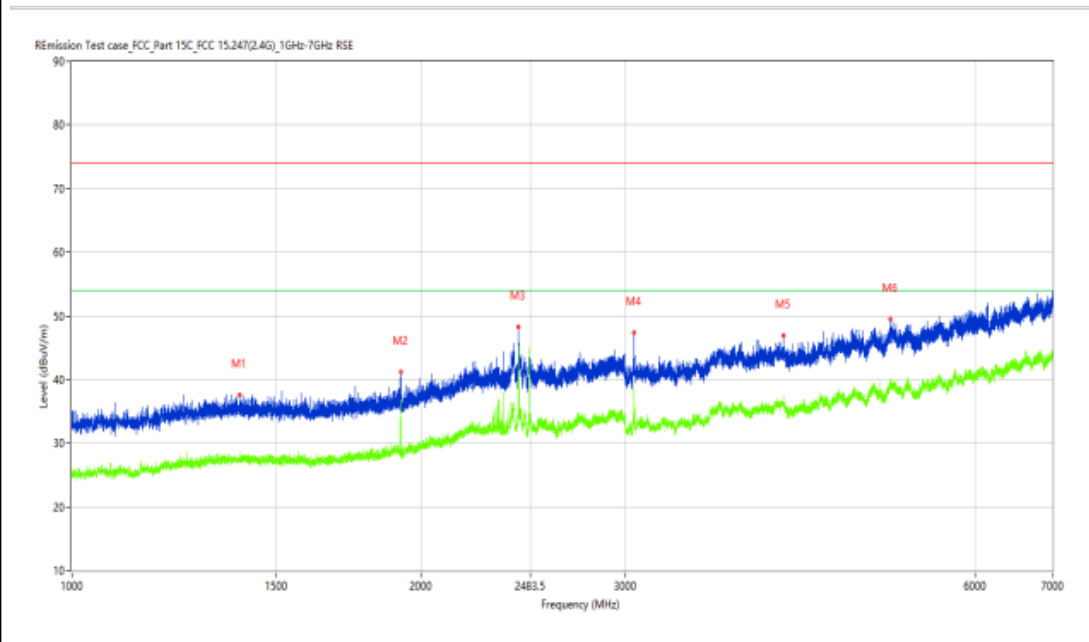
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#5



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1395.250	37.61	-13.29	74.0	36.39	Peak	282.20	100	Vertical	Pass
1**	1395.250	27.67	-13.29	54.0	26.33	AV	282.20	100	Vertical	Pass
2	1919.750	41.17	-12.26	74.0	32.83	Peak	209.60	100	Vertical	Pass
2**	1919.750	35.62	-12.26	54.0	18.38	AV	209.60	100	Vertical	Pass
3	2425.750	48.27	-5.70	74.0	25.73	Peak	209.60	100	Vertical	Pass
3**	2425.750	44.02	-5.70	54.0	9.98	AV	209.60	100	Vertical	Pass
4	3050.000	47.38	-4.72	74.0	26.62	Peak	279.80	100	Vertical	Pass
4**	3050.000	38.47	-4.72	54.0	15.53	AV	279.80	100	Vertical	Pass
5	4101.500	46.85	-1.54	74.0	27.15	Peak	254.50	100	Vertical	Pass
5**	4101.500	36.22	-1.54	54.0	17.78	AV	254.50	100	Vertical	Pass
6	5071.000	49.48	0.44	74.0	24.52	Peak	153.60	100	Vertical	Pass
6**	5071.000	39.08	0.44	54.0	14.92	AV	153.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.18.01

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

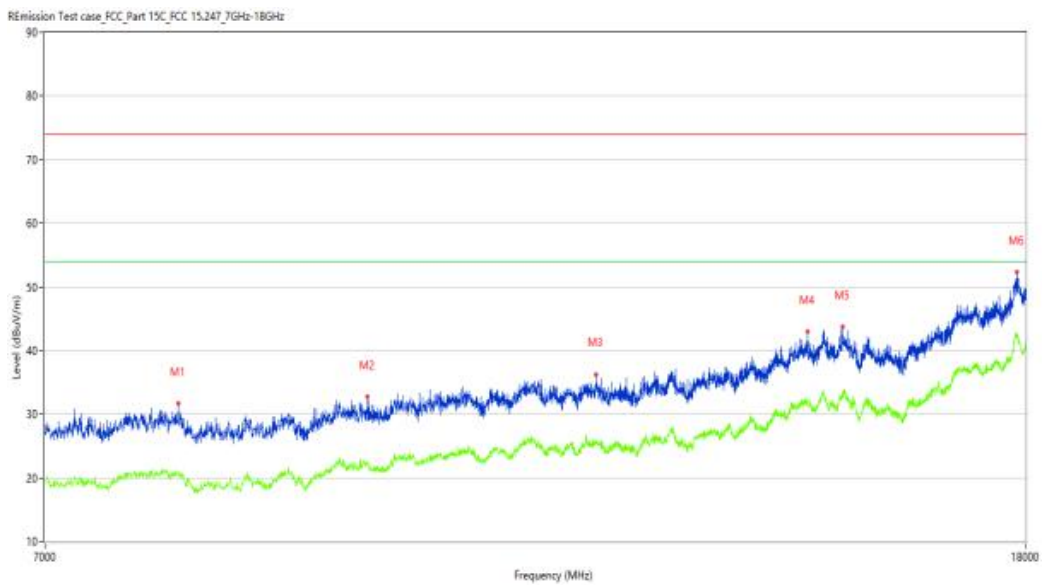
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7957.000	31.63	0.90	74.0	42.37	Peak	0.00	100	Vertical	Pass
1**	7957.000	20.87	0.90	54.0	33.13	AV	0.00	100	Vertical	Pass
2	9552.000	32.77	2.96	74.0	41.23	Peak	0.00	100	Vertical	Pass
2**	9552.000	22.52	2.96	54.0	31.48	AV	0.00	100	Vertical	Pass
3	11903.250	36.27	4.51	74.0	37.73	Peak	284.80	100	Vertical	Pass
3**	11903.250	25.81	4.51	54.0	28.19	AV	284.80	100	Vertical	Pass
4	14595.500	42.93	10.62	74.0	31.07	Peak	49.90	100	Vertical	Pass
4**	14595.500	32.32	10.62	54.0	21.68	AV	49.90	100	Vertical	Pass
5	15096.001	43.77	10.41	74.0	30.23	Peak	284.80	100	Vertical	Pass
5**	15096.001	33.27	10.41	54.0	20.73	AV	284.80	100	Vertical	Pass
6	17854.251	52.27	18.55	74.0	21.73	Peak	158.20	100	Vertical	Pass
6**	17854.251	42.55	18.55	54.0	11.45	AV	158.20	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-11_09.44.27

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

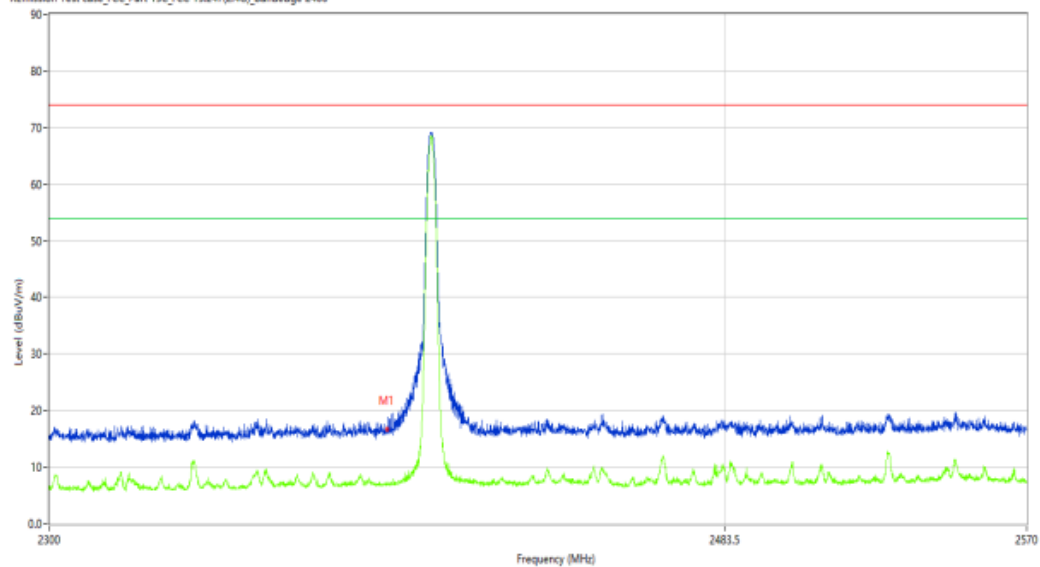
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	2390.022	16.75	-38.28	74.0	57.25	Peak	290.50	100	Horizontal	Pass
1**	2390.022	7.33	-38.28	54.0	46.67	AV	290.50	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-11_10.24.29

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

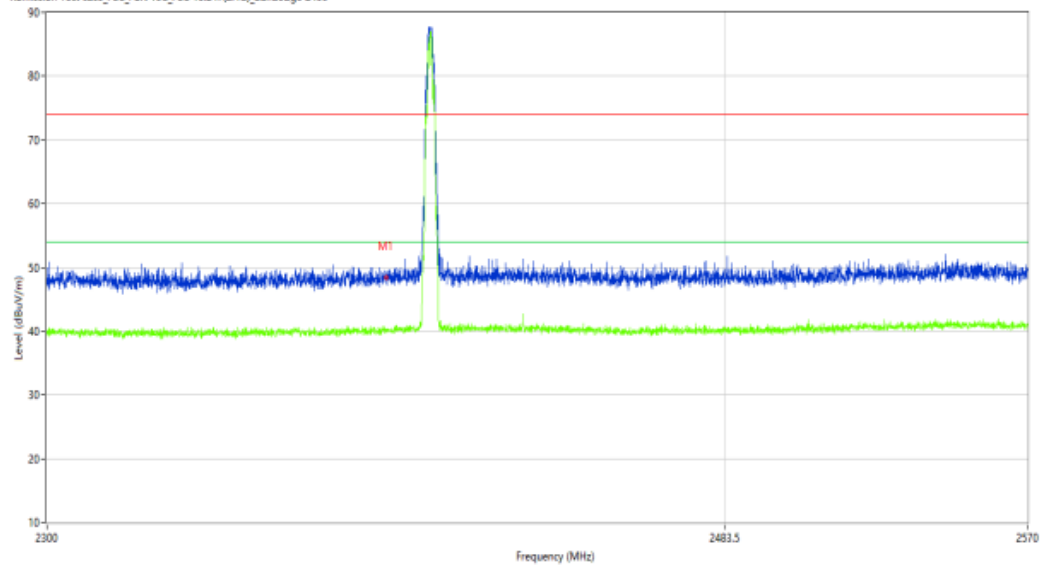
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	48.36	-10.58	74.0	25.64	Peak	110.77	100	V	Pass
1**	2390.000	39.89	-10.58	54.0	14.11	AV	110.77	100	V	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-11_09.46.16

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

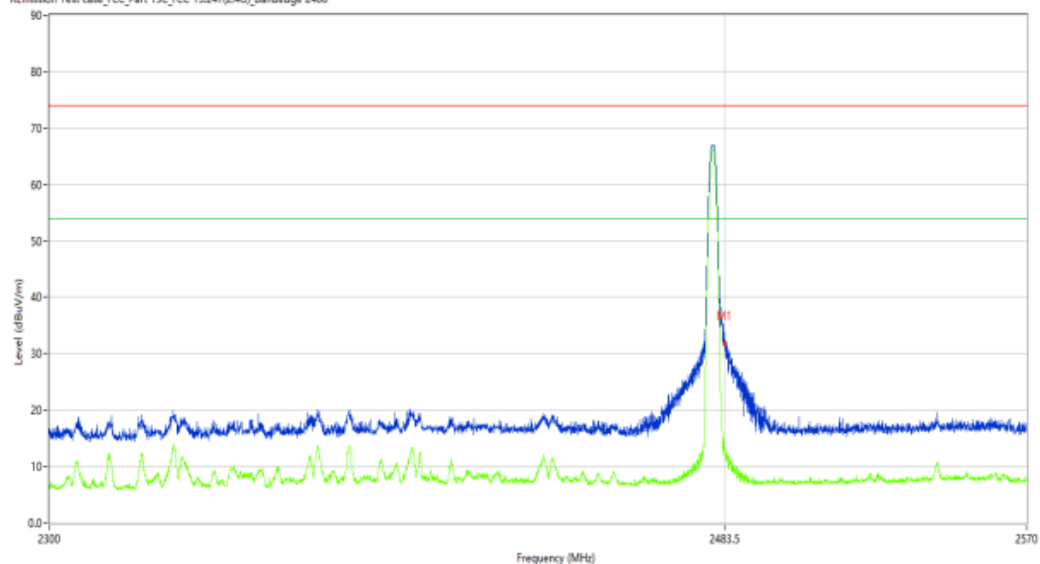
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	2483.487	31.81	-38.04	74.0	42.19	Peak	150.40	100	Horizontal	Pass
1**	2483.487	12.97	-38.04	54.0	41.03	AV	150.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-11_10.21.42

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

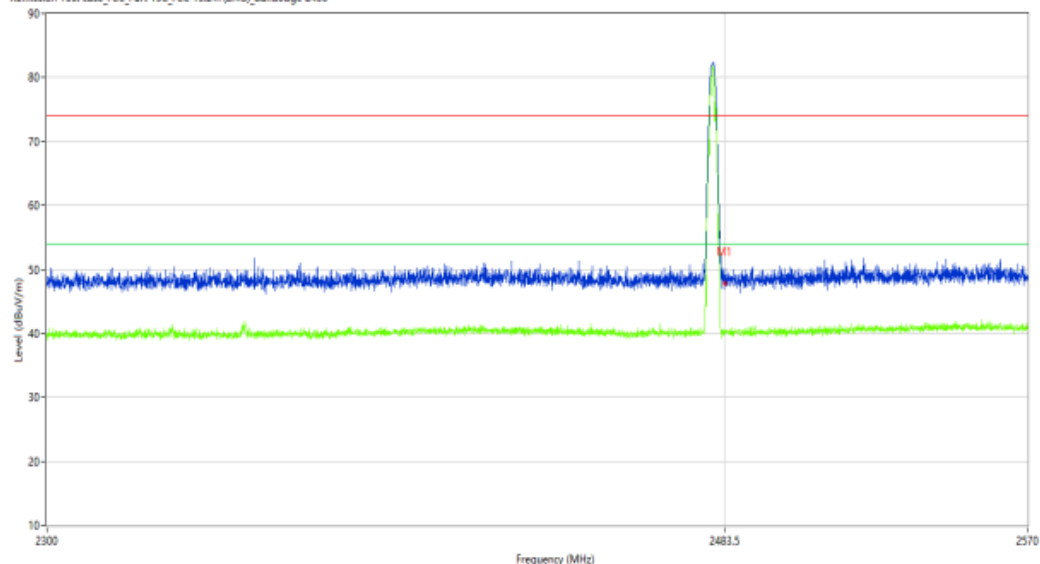
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	47.85	-10.56	74.0	26.15	Peak	134.43	100	V	Pass
1**	2483.500	40.21	-10.56	54.0	13.79	AV	134.43	100	V	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09.25.35

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

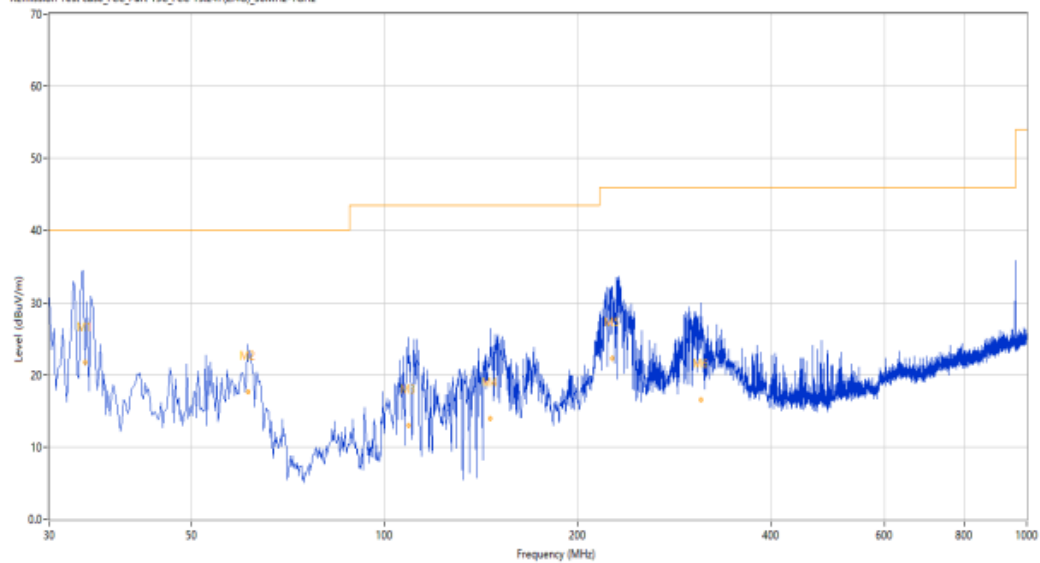
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	34.114	35.31	-26.95	40.0	4.69	Peak	0.00	190	Horizontal	Pass
1*	34.114	21.70	-26.95	40.0	18.30	QP	0.00	190	Horizontal	Pass
2	61.229	26.64	-25.19	40.0	13.36	Peak	298.80	249	Horizontal	Pass
2*	61.229	17.60	-25.19	40.0	22.40	QP	298.80	249	Horizontal	Pass
3	108.822	25.40	-25.11	43.5	18.10	Peak	352.70	142	Horizontal	Pass
3*	108.822	12.93	-25.11	43.5	30.57	QP	352.70	142	Horizontal	Pass
4	145.651	27.03	-28.53	43.5	16.47	Peak	292.80	136	Horizontal	Pass
4*	145.651	13.93	-28.53	43.5	29.57	QP	292.80	136	Horizontal	Pass
5	225.799	32.95	-24.21	46.0	13.05	Peak	360.00	115	Horizontal	Pass
5*	225.799	22.26	-24.21	46.0	23.74	QP	360.00	115	Horizontal	Pass
6	310.385	28.75	-21.90	46.0	17.25	Peak	360.00	125	Horizontal	Pass
6*	310.385	16.61	-21.90	46.0	29.39	QP	360.00	125	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-10_20.30.33

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

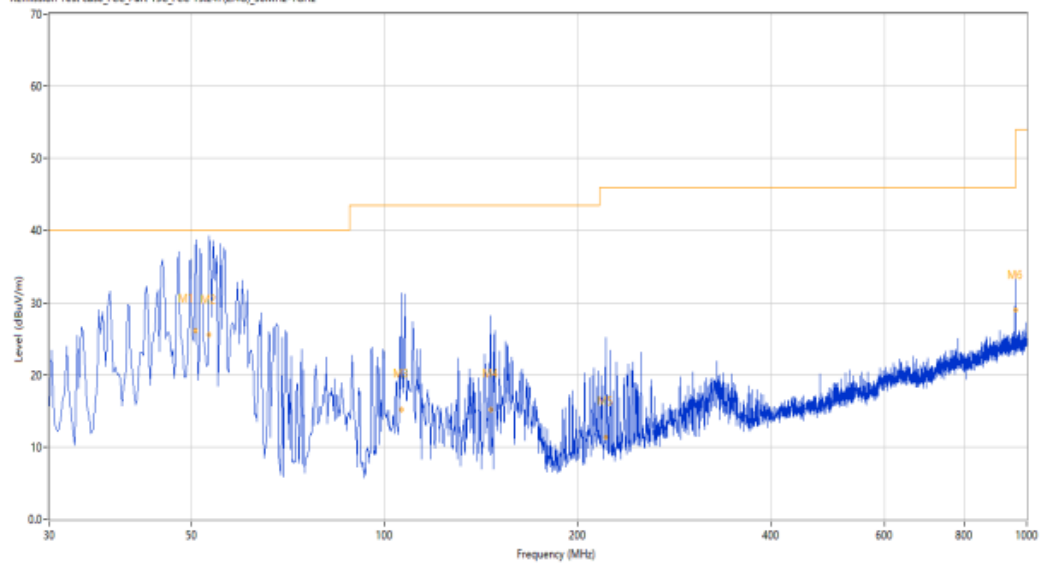
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#5

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	50.616	40.50	-23.73	40.0	-0.50	Peak	172.70	113	Vertical	N/A
1*	50.616	26.12	-23.73	40.0	13.88	QP	172.70	113	Vertical	Pass
2	53.176	39.60	-23.88	40.0	0.40	Peak	70.80	100	Vertical	Pass
2*	53.176	25.52	-23.88	40.0	14.48	QP	70.80	100	Vertical	Pass
3	106.081	29.08	-24.93	43.5	14.42	Peak	16.40	126	Vertical	Pass
3*	106.081	15.22	-24.93	43.5	28.28	QP	16.40	126	Vertical	Pass
4	146.286	30.03	-28.52	43.5	13.47	Peak	89.40	132	Vertical	Pass
4*	146.286	15.21	-28.52	43.5	28.29	QP	89.40	132	Vertical	Pass
5	220.966	24.83	-24.43	46.0	21.17	Peak	54.40	195	Vertical	Pass
5*	220.966	11.32	-24.43	46.0	34.68	QP	54.40	195	Vertical	Pass
6	959.755	34.65	-7.50	46.0	11.35	Peak	56.60	199	Vertical	Pass
6*	959.755	28.94	-7.50	46.0	17.06	QP	56.60	199	Vertical	Pass

1-18G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09:53.23

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

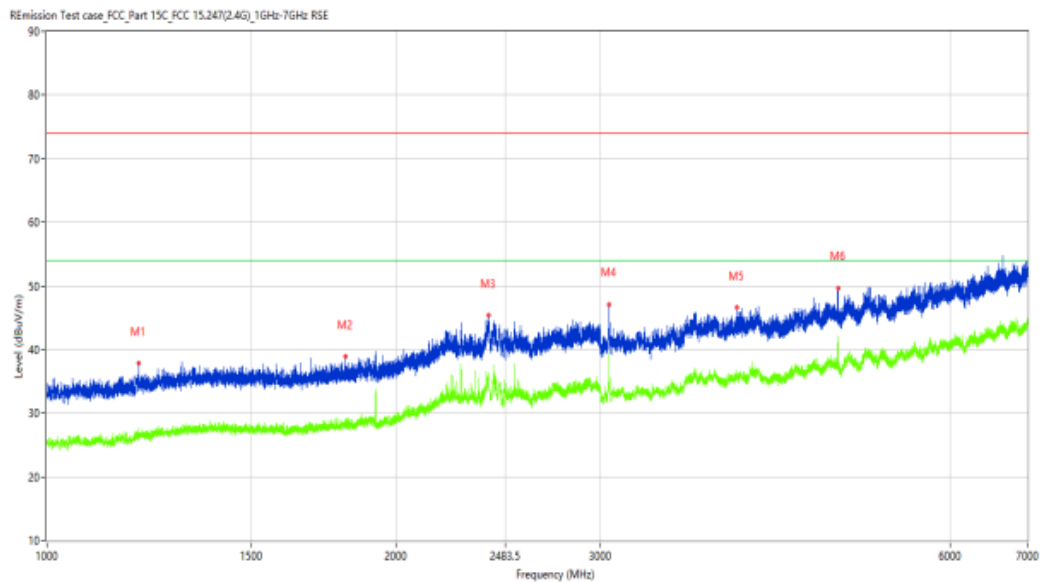
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.000	37.83	-14.44	74.0	36.17	Peak	213.70	100	Horizontal	Pass
1**	1200.000	26.96	-14.44	54.0	27.04	AV	213.70	100	Horizontal	Pass
2	1807.750	38.92	-12.91	74.0	35.08	Peak	300.00	100	Horizontal	Pass
2**	1807.750	27.85	-12.91	54.0	26.15	AV	300.00	100	Horizontal	Pass
3	2401.000	45.38	-4.78	74.0	28.62	Peak	102.00	100	Horizontal	Pass
3**	2401.000	35.76	-4.78	54.0	18.24	AV	102.00	100	Horizontal	Pass
4	3050.000	47.12	-4.72	74.0	26.88	Peak	173.00	100	Horizontal	Pass
4**	3050.000	39.29	-4.72	54.0	14.71	AV	173.00	100	Horizontal	Pass
5	3933.000	46.56	-2.45	74.0	27.44	Peak	270.90	100	Horizontal	Pass
5**	3933.000	36.29	-2.45	54.0	17.71	AV	270.90	100	Horizontal	Pass
6	4805.000	49.60	-1.61	74.0	24.40	Peak	282.40	100	Horizontal	Pass
6**	4805.000	40.71	-1.61	54.0	13.29	AV	282.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.26.48

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

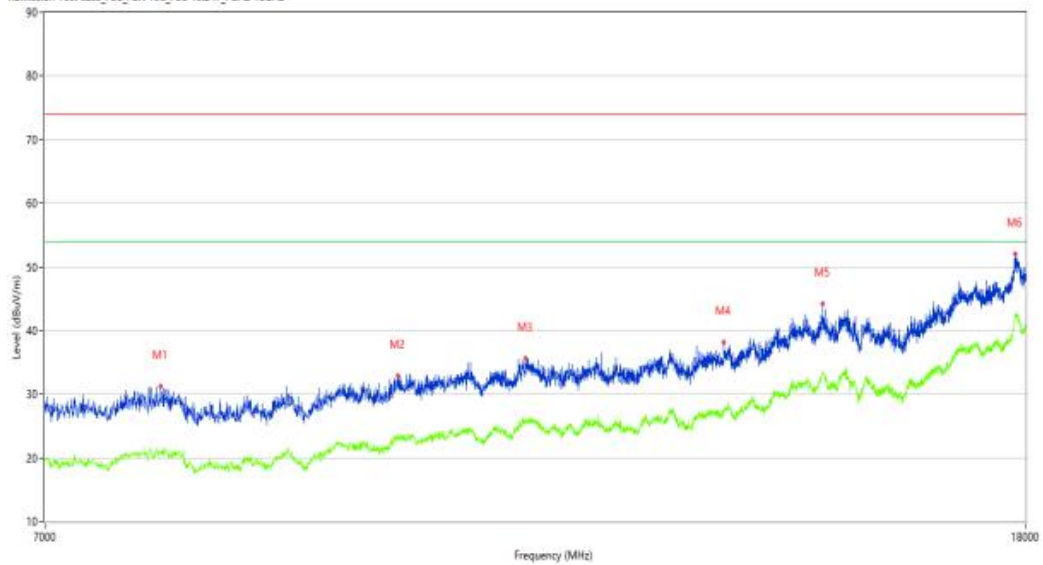
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	7827.750	31.25	0.96	74.0	42.75	Peak	0.00	100	Horizontal	Pass
1**	7827.750	21.40	0.96	54.0	32.60	AV	0.00	100	Horizontal	Pass
2	9832.500	32.85	3.08	74.0	41.15	Peak	282.20	100	Horizontal	Pass
2**	9832.500	23.83	3.08	54.0	30.17	AV	282.20	100	Horizontal	Pass
3	11119.500	35.63	3.95	74.0	38.37	Peak	40.30	100	Horizontal	Pass
3**	11119.500	25.30	3.95	54.0	28.70	AV	40.30	100	Horizontal	Pass
4	13462.500	38.19	6.40	74.0	35.81	Peak	163.90	100	Horizontal	Pass
4**	13462.500	27.14	6.40	54.0	26.86	AV	163.90	100	Horizontal	Pass
5	14807.250	44.14	11.78	74.0	29.86	Peak	231.20	100	Horizontal	Pass
5**	14807.250	33.24	11.78	54.0	20.76	AV	231.20	100	Horizontal	Pass
6	17815.751	51.99	18.25	74.0	22.01	Peak	0.00	100	Horizontal	Pass
6**	17815.751	41.82	18.25	54.0	12.18	AV	0.00	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.40.13

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

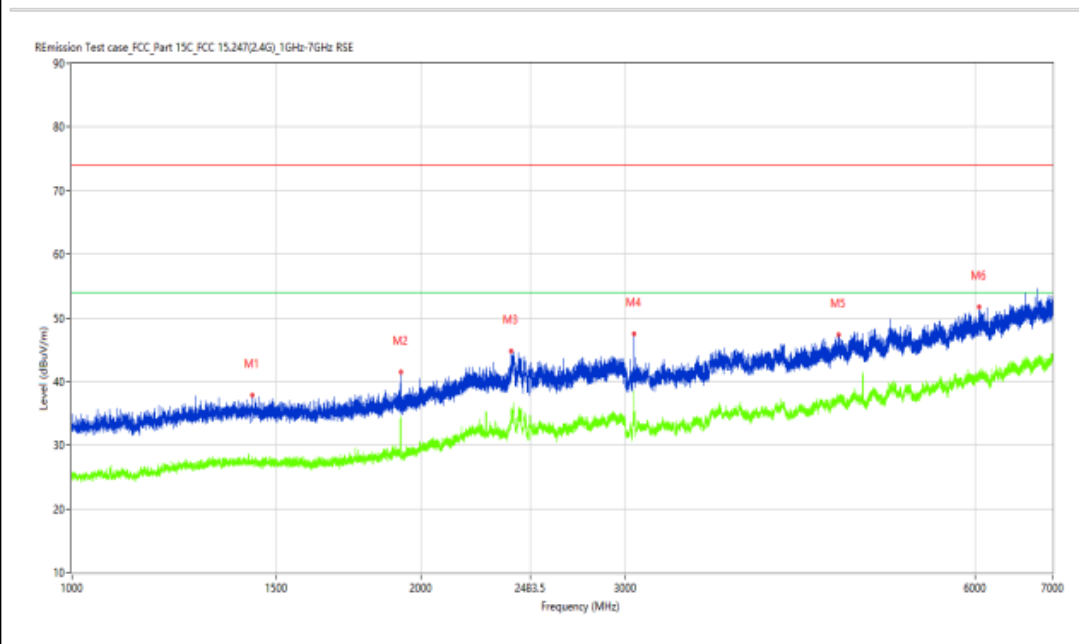
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1431.250	37.91	-13.34	74.0	36.09	Peak	312.30	100	Vertical	Pass
1**	1431.250	27.70	-13.34	54.0	26.30	AV	312.30	100	Vertical	Pass
2	1919.750	41.51	-12.26	74.0	32.49	Peak	216.70	100	Vertical	Pass
2**	1919.750	34.52	-12.26	54.0	19.48	AV	216.70	100	Vertical	Pass
3	2392.000	44.82	-4.72	74.0	29.18	Peak	199.20	100	Vertical	Pass
3**	2392.000	35.43	-4.72	54.0	18.57	AV	199.20	100	Vertical	Pass
4	3050.500	47.50	-5.39	74.0	26.50	Peak	279.00	100	Vertical	Pass
4**	3050.500	38.29	-5.39	54.0	15.71	AV	279.00	100	Vertical	Pass
5	4577.500	47.30	-1.02	74.0	26.70	Peak	162.20	100	Vertical	Pass
5**	4577.500	37.25	-1.02	54.0	16.75	AV	162.20	100	Vertical	Pass
6	6046.500	51.66	1.95	74.0	22.34	Peak	74.00	100	Vertical	Pass
6**	6046.500	41.32	1.95	54.0	12.68	AV	74.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.22.22

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7748.000	31.35	0.52	74.0	42.65	Peak	128.80	100	Vertical	Pass
1**	7748.000	21.37	0.52	54.0	32.63	AV	128.80	100	Vertical	Pass
2	9937.000	33.62	3.07	74.0	40.38	Peak	187.60	100	Vertical	Pass
2**	9937.000	22.86	3.07	54.0	31.14	AV	187.60	100	Vertical	Pass
3	11152.500	36.15	3.87	74.0	37.85	Peak	247.20	100	Vertical	Pass
3**	11152.500	26.40	3.87	54.0	27.60	AV	247.20	100	Vertical	Pass
4	12821.750	37.54	5.55	74.0	36.46	Peak	360.00	100	Vertical	Pass
4**	12821.750	27.45	5.55	54.0	26.55	AV	360.00	100	Vertical	Pass
5	15145.500	44.00	9.09	74.0	30.00	Peak	69.30	100	Vertical	Pass
5**	15145.500	33.31	9.09	54.0	20.69	AV	69.30	100	Vertical	Pass
6	17832.249	52.01	18.61	74.0	21.99	Peak	360.00	100	Vertical	Pass
6**	17832.249	42.28	18.61	54.0	11.72	AV	360.00	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09:55:54

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

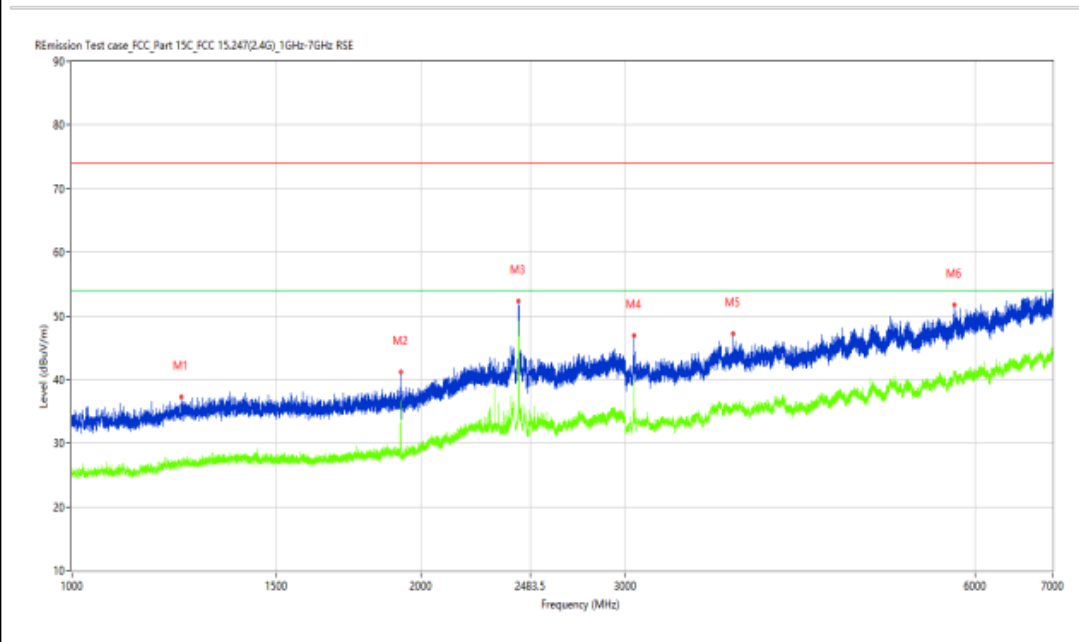
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1241.500	37.28	-14.12	74.0	36.72	Peak	0.70	100	Horizontal	Pass
1**	1241.500	26.15	-14.12	54.0	27.85	AV	0.70	100	Horizontal	Pass
2	1920.000	41.15	-12.27	74.0	32.85	Peak	285.80	100	Horizontal	Pass
2**	1920.000	36.71	-12.27	54.0	17.29	AV	285.80	100	Horizontal	Pass
3	2426.750	52.38	-5.71	74.0	21.62	Peak	309.60	100	Horizontal	Pass
3**	2426.750	48.79	-5.71	54.0	5.21	AV	309.60	100	Horizontal	Pass
4	3050.000	46.90	-4.72	74.0	27.10	Peak	141.40	100	Horizontal	Pass
4**	3050.000	39.98	-4.72	54.0	14.02	AV	141.40	100	Horizontal	Pass
5	3712.000	47.19	-2.83	74.0	26.81	Peak	70.60	100	Horizontal	Pass
5**	3712.000	35.49	-2.83	54.0	18.51	AV	70.60	100	Horizontal	Pass
6	5762.000	51.68	1.52	74.0	22.32	Peak	152.90	100	Horizontal	Pass
6**	5762.000	41.20	1.52	54.0	12.80	AV	152.90	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.25.31

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

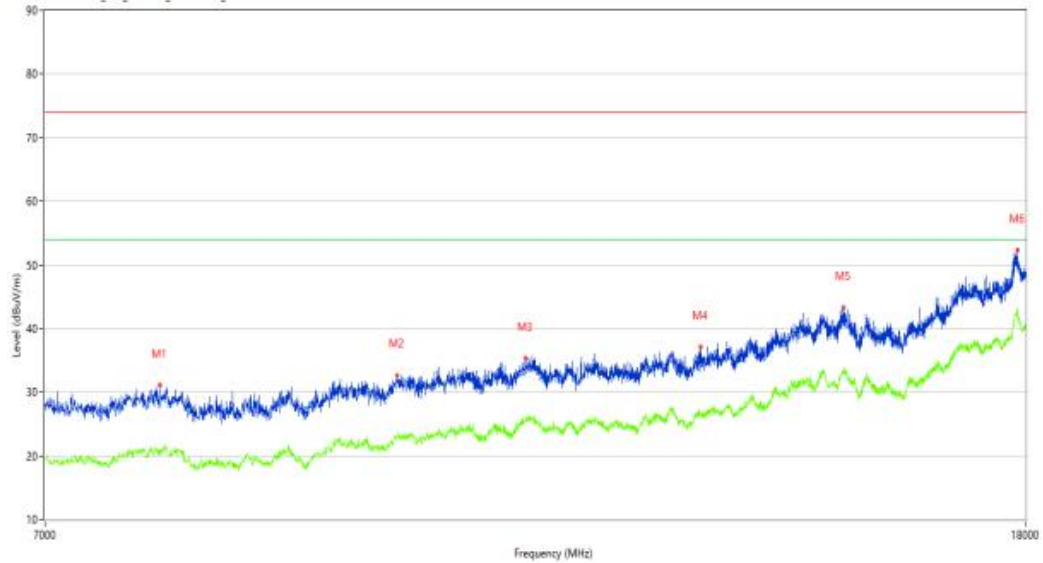
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	7822.250	31.02	0.81	74.0	42.98	Peak	312.70	100	Horizontal	Pass
1**	7822.250	20.66	0.81	54.0	33.34	AV	312.70	100	Horizontal	Pass
2	9824.250	32.67	2.93	74.0	41.33	Peak	242.30	100	Horizontal	Pass
2**	9824.250	23.07	2.93	54.0	30.93	AV	242.30	100	Horizontal	Pass
3	11119.500	35.36	3.95	74.0	38.64	Peak	183.90	100	Horizontal	Pass
3**	11119.500	25.60	3.95	54.0	28.40	AV	183.90	100	Horizontal	Pass
4	13157.250	37.07	5.79	74.0	36.93	Peak	360.00	100	Horizontal	Pass
4**	13157.250	26.42	5.79	54.0	27.58	AV	360.00	100	Horizontal	Pass
5	15104.250	43.23	10.04	74.0	30.77	Peak	360.00	100	Horizontal	Pass
5**	15104.250	33.15	10.04	54.0	20.85	AV	360.00	100	Horizontal	Pass
6	17865.251	52.35	18.36	74.0	21.65	Peak	0.00	100	Horizontal	Pass
6**	17865.251	41.44	18.36	54.0	12.56	AV	0.00	100	Horizontal	Pass

BLE-2M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.36.47

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

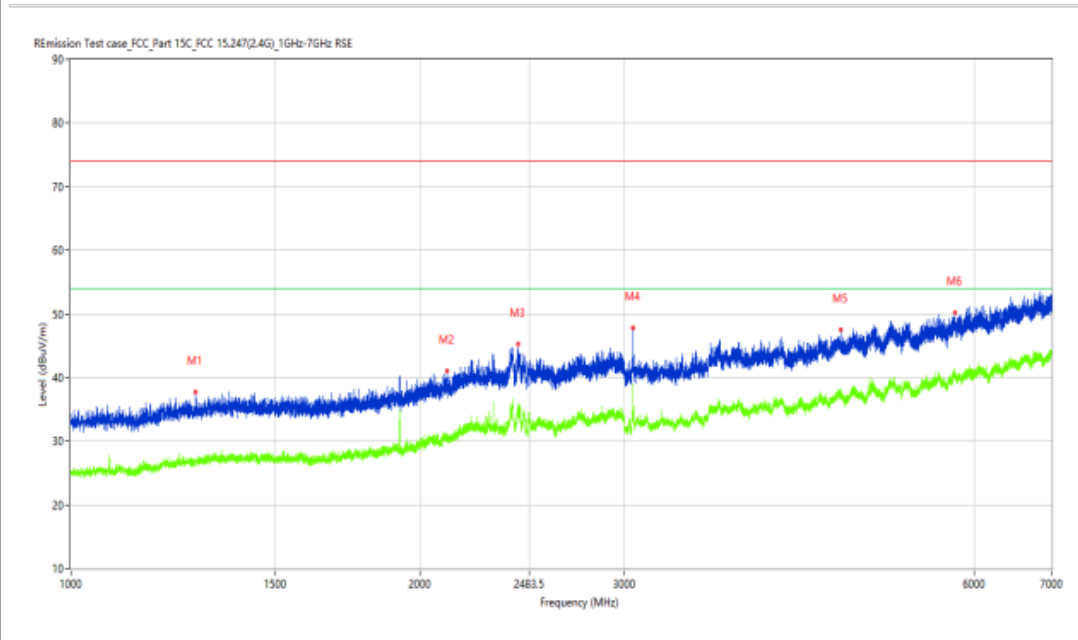
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1279.750	37.68	-13.86	74.0	36.32	Peak	301.10	100	Vertical	Pass
1**	1279.750	26.88	-13.86	54.0	27.12	AV	301.10	100	Vertical	Pass
2	2110.750	41.04	-9.96	74.0	32.96	Peak	113.20	100	Vertical	Pass
2**	2110.750	30.12	-9.96	54.0	23.88	AV	113.20	100	Vertical	Pass
3	2428.000	45.24	-5.72	74.0	28.76	Peak	119.90	100	Vertical	Pass
3**	2428.000	35.99	-5.72	54.0	18.01	AV	119.90	100	Vertical	Pass
4	3050.000	47.85	-4.72	74.0	26.15	Peak	281.30	100	Vertical	Pass
4**	3050.000	38.33	-4.72	54.0	15.67	AV	281.30	100	Vertical	Pass
5	4607.000	47.51	-1.37	74.0	26.49	Peak	271.60	100	Vertical	Pass
5**	4607.000	37.19	-1.37	54.0	16.81	AV	271.60	100	Vertical	Pass
6	5781.500	50.18	1.79	74.0	23.82	Peak	42.00	100	Vertical	Pass
6**	5781.500	40.57	1.79	54.0	13.43	AV	42.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.21.03

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

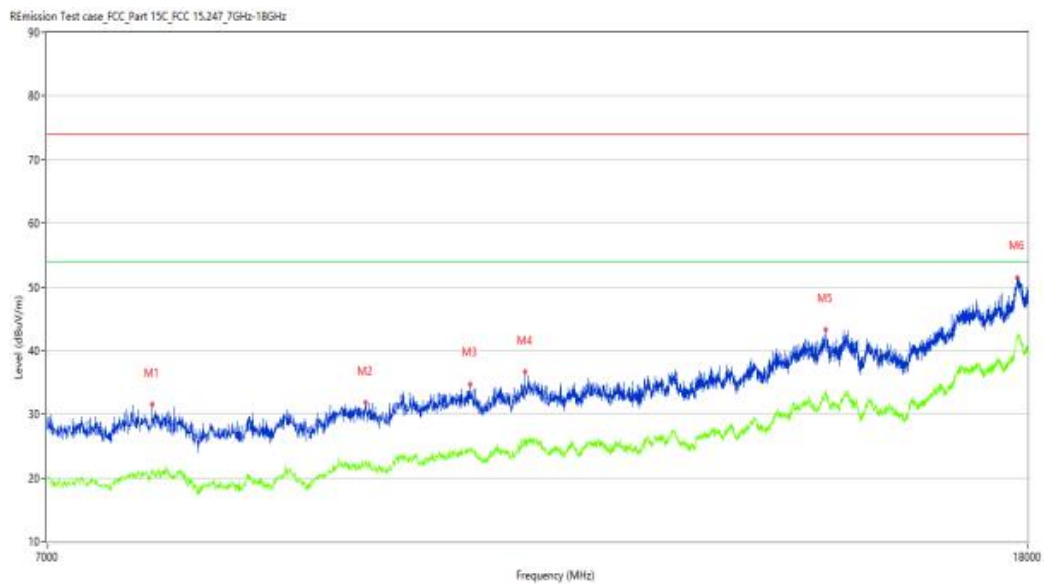
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7750.750	31.52	0.47	74.0	42.48	Peak	359.50	100	Vertical	Pass
1**	7750.750	20.99	0.47	54.0	33.01	AV	359.50	100	Vertical	Pass
2	9513.500	31.85	2.76	74.0	42.15	Peak	300.60	100	Vertical	Pass
2**	9513.500	22.69	2.76	54.0	31.31	AV	300.60	100	Vertical	Pass
3	10522.750	34.78	3.72	74.0	39.22	Peak	238.80	100	Vertical	Pass
3**	10522.750	24.32	3.72	54.0	29.68	AV	238.80	100	Vertical	Pass
4	11097.500	36.69	4.47	74.0	37.31	Peak	238.80	100	Vertical	Pass
4**	11097.500	26.41	4.47	54.0	27.59	AV	238.80	100	Vertical	Pass
5	14821.000	43.29	11.68	74.0	30.71	Peak	359.50	100	Vertical	Pass
5**	14821.000	32.95	11.68	54.0	21.05	AV	359.50	100	Vertical	Pass
6	17815.751	51.49	18.25	74.0	22.51	Peak	300.60	100	Vertical	Pass
6**	17815.751	41.53	18.25	54.0	12.47	AV	300.60	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_09:58.22

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

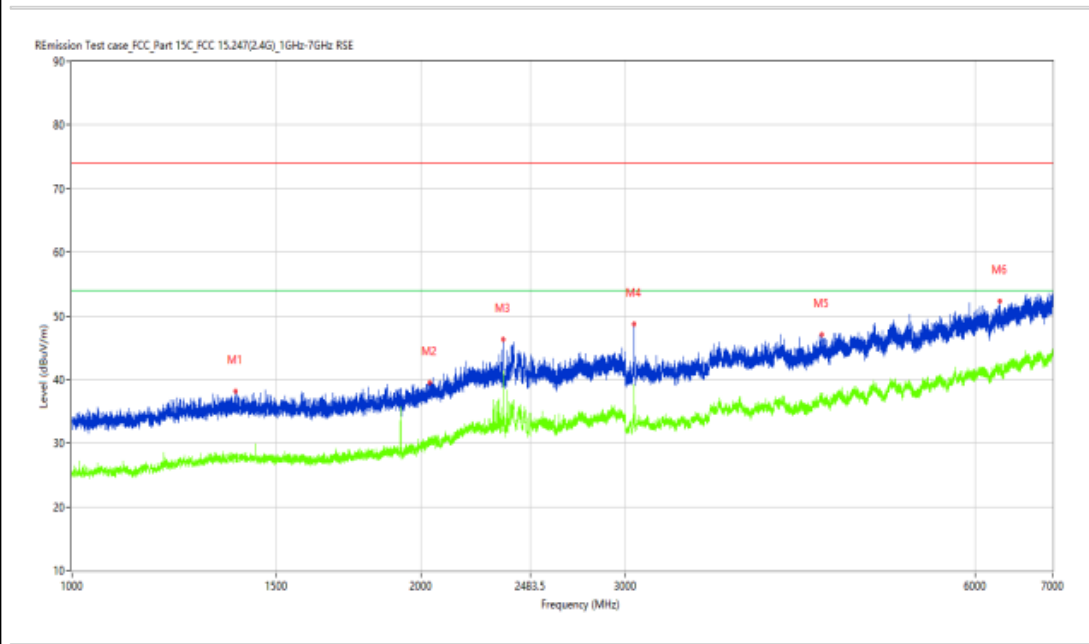
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1384.000	38.14	-13.38	74.0	35.86	Peak	295.60	100	Horizontal	Pass
1**	1384.000	27.21	-13.38	54.0	26.79	AV	295.60	100	Horizontal	Pass
2	2034.250	39.54	-10.92	74.0	34.46	Peak	179.40	100	Horizontal	Pass
2**	2034.250	30.11	-10.92	54.0	23.89	AV	179.40	100	Horizontal	Pass
3	2351.750	46.35	-8.65	74.0	27.65	Peak	285.40	100	Horizontal	Pass
3**	2351.750	40.84	-8.65	54.0	13.16	AV	285.40	100	Horizontal	Pass
4	3050.000	48.72	-4.72	74.0	25.28	Peak	288.30	100	Horizontal	Pass
4**	3050.000	39.28	-4.72	54.0	14.72	AV	288.30	100	Horizontal	Pass
5	4427.000	47.11	-1.42	74.0	26.89	Peak	163.70	100	Horizontal	Pass
5**	4427.000	36.13	-1.42	54.0	17.87	AV	163.70	100	Horizontal	Pass
6	6302.000	52.28	2.43	74.0	21.72	Peak	70.30	100	Horizontal	Pass
6**	6302.000	42.01	2.43	54.0	11.99	AV	70.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.24.20

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

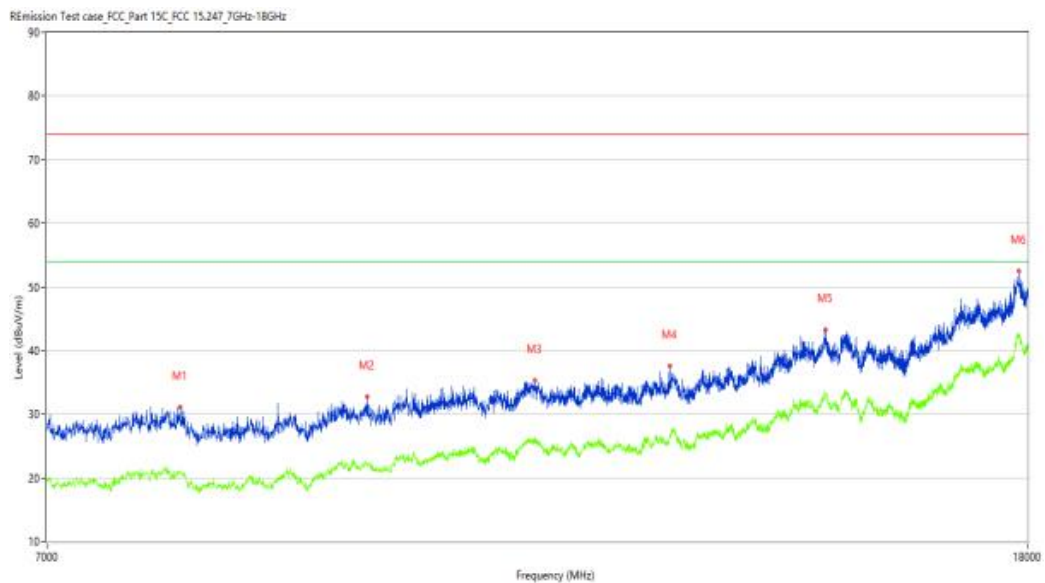
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7957.000	31.12	0.90	74.0	42.88	Peak	354.00	100	Horizontal	Pass
1**	7957.000	20.97	0.90	54.0	33.03	AV	354.00	100	Horizontal	Pass
2	9530.000	32.69	2.40	74.0	41.31	Peak	228.20	100	Horizontal	Pass
2**	9530.000	22.09	2.40	54.0	31.91	AV	228.20	100	Horizontal	Pass
3	11196.500	35.26	3.96	74.0	38.74	Peak	228.20	100	Horizontal	Pass
3**	11196.500	26.43	3.96	54.0	27.57	AV	228.20	100	Horizontal	Pass
4	12750.250	37.50	5.07	74.0	36.50	Peak	288.90	100	Horizontal	Pass
4**	12750.250	26.89	5.07	54.0	27.11	AV	288.90	100	Horizontal	Pass
5	14821.000	43.30	11.68	74.0	30.70	Peak	228.20	100	Horizontal	Pass
5**	14821.000	33.00	11.68	54.0	21.00	AV	228.20	100	Horizontal	Pass
6	17848.750	52.45	18.72	74.0	21.55	Peak	228.20	100	Horizontal	Pass
6**	17848.750	42.66	18.72	54.0	11.34	AV	228.20	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2026-03-11_10.32.57

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

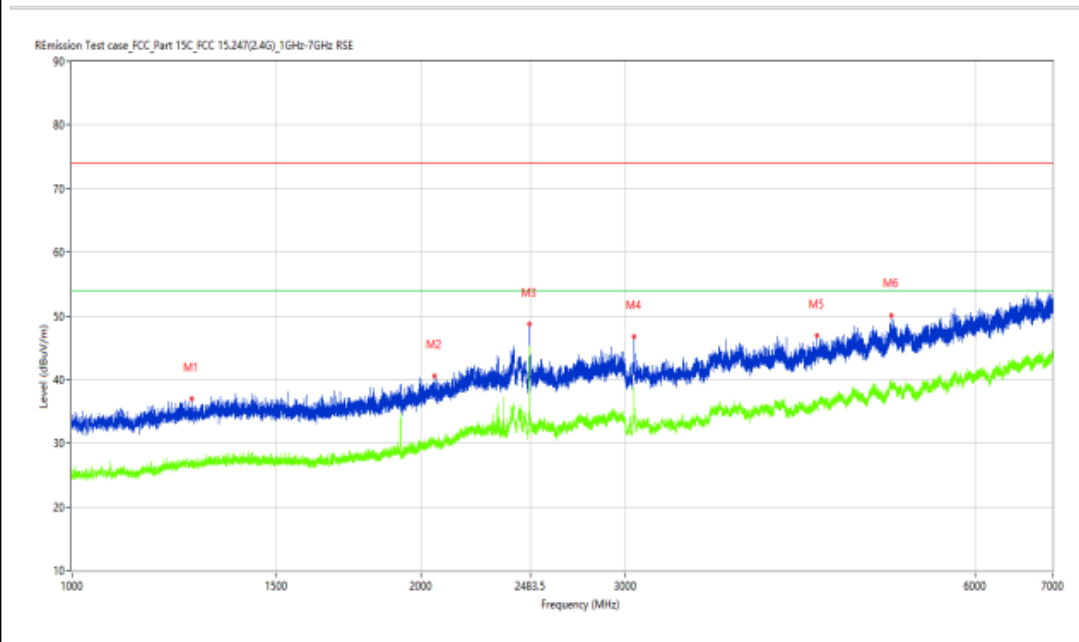
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1267.500	37.01	-13.98	74.0	36.99	Peak	0.00	100	Vertical	Pass
1**	1267.500	27.04	-13.98	54.0	26.96	AV	0.00	100	Vertical	Pass
2	2054.750	40.55	-10.55	74.0	33.45	Peak	183.90	100	Vertical	Pass
2**	2054.750	29.73	-10.55	54.0	24.27	AV	183.90	100	Vertical	Pass
3	2480.000	48.74	-7.01	74.0	25.26	Peak	73.70	100	Vertical	Pass
3**	2480.000	44.84	-7.01	54.0	9.16	AV	73.70	100	Vertical	Pass
4	3050.000	46.79	-4.72	74.0	27.21	Peak	299.90	100	Vertical	Pass
4**	3050.000	38.61	-4.72	54.0	15.39	AV	299.90	100	Vertical	Pass
5	4384.000	46.84	-1.86	74.0	27.16	Peak	307.70	100	Vertical	Pass
5**	4384.000	36.09	-1.86	54.0	17.91	AV	307.70	100	Vertical	Pass
6	5082.500	50.13	0.92	74.0	23.87	Peak	0.00	100	Vertical	Pass
6**	5082.500	39.05	0.92	54.0	14.95	AV	0.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2026-03-10_20.19.23

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

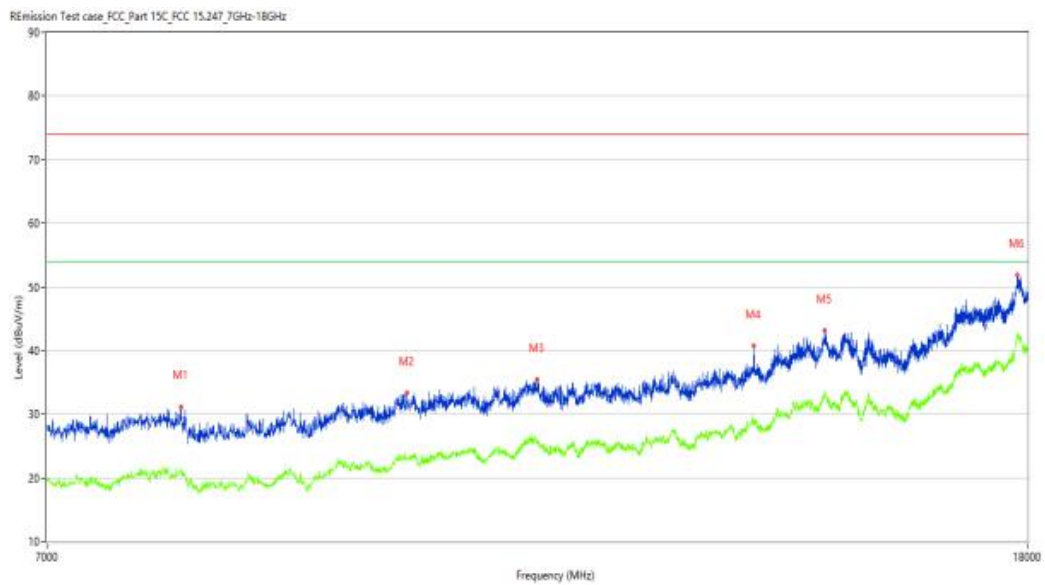
Work Addition: TX

Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7968.000	31.15	1.04	74.0	42.85	Peak	309.40	100	Vertical	Pass
1**	7968.000	21.23	1.04	54.0	32.77	AV	309.40	100	Vertical	Pass
2	9901.250	33.32	2.74	74.0	40.68	Peak	309.40	100	Vertical	Pass
2**	9901.250	22.95	2.74	54.0	31.05	AV	309.40	100	Vertical	Pass
3	11226.750	35.42	4.04	74.0	38.58	Peak	360.00	100	Vertical	Pass
3**	11226.750	25.44	4.04	54.0	28.56	AV	360.00	100	Vertical	Pass
4	13828.250	40.80	7.45	74.0	33.20	Peak	252.90	100	Vertical	Pass
4**	13828.250	28.55	7.45	54.0	25.45	AV	252.90	100	Vertical	Pass
5	14810.000	43.14	11.98	74.0	30.86	Peak	252.90	100	Vertical	Pass
5**	14810.000	33.47	11.98	54.0	20.53	AV	252.90	100	Vertical	Pass
6	17824.000	51.89	18.38	74.0	22.11	Peak	13.60	100	Vertical	Pass
6**	17824.000	42.23	18.38	54.0	11.77	AV	13.60	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2026-03-11_09:50:06

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

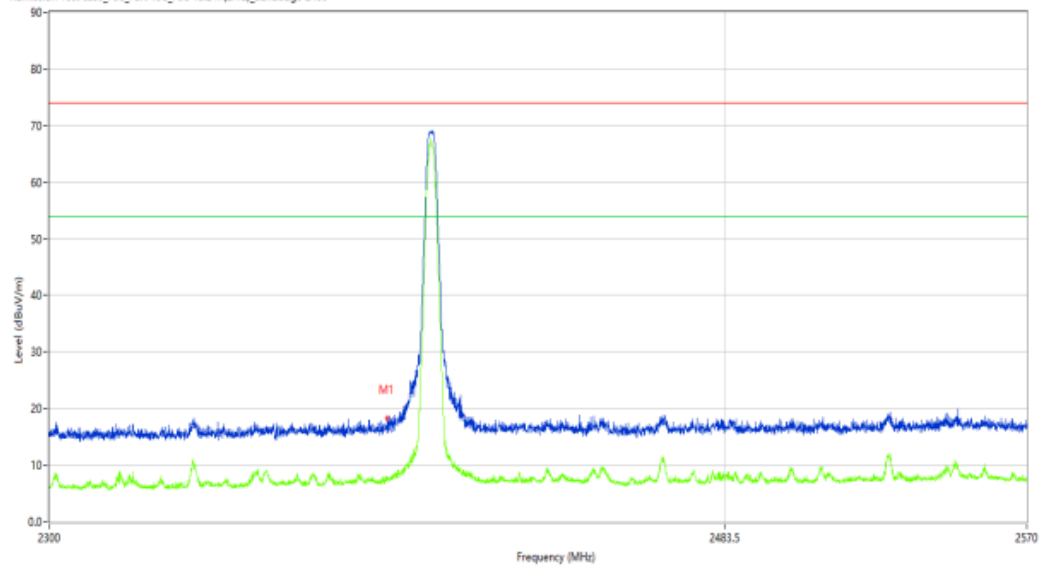
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	2390.022	18.33	-38.28	74.0	55.67	Peak	287.80	100	Horizontal	Pass
1**	2390.022	7.22	-38.28	54.0	46.78	AV	287.80	100	Horizontal	Pass

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

Test result

Project Number: Test

Test Time: 2026-03-11_10.27.01

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

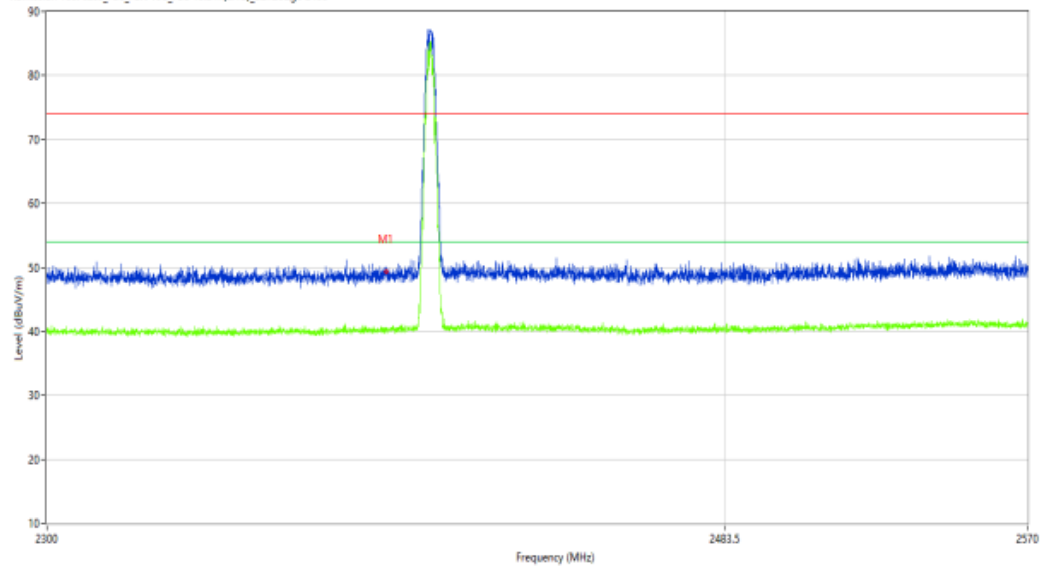
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	49.53	-10.58	74.0	24.47	Peak	187.89	100	V	Pass
1**	2390.000	40.23	-10.58	54.0	13.77	AV	187.89	100	V	Pass

Test result

Project Number: Certification

Test Time: 2026-03-11_09.48.08

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

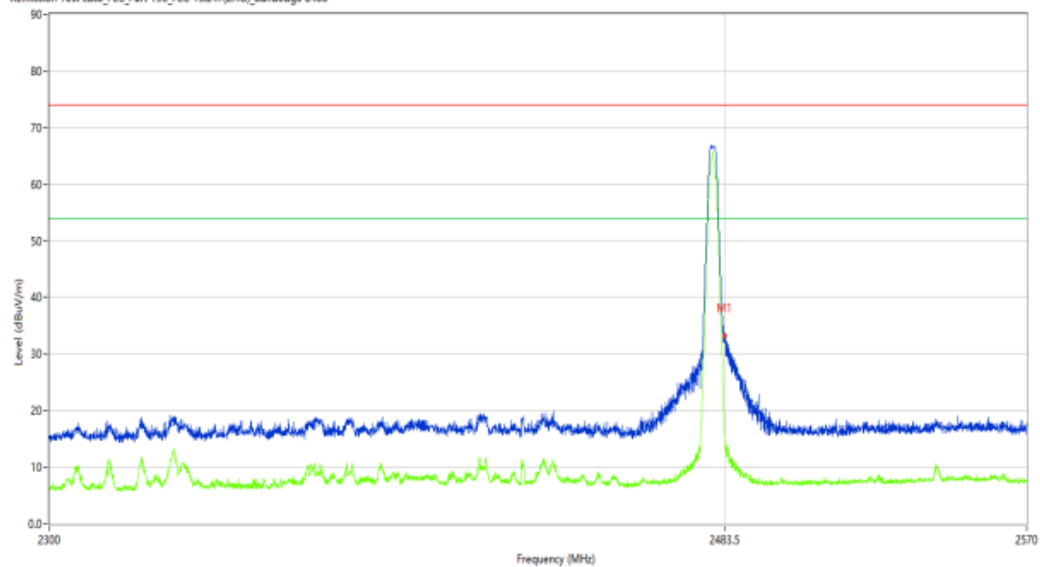
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	2483.487	33.18	-38.04	74.0	40.82	Peak	164.20	100	Horizontal	Pass
1**	2483.487	15.21	-38.04	54.0	38.79	AV	164.20	100	Horizontal	Pass

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

Test result

Project Number: Test

Test Time: 2026-03-11_10.29.35

EUT Name: CONTROL BOX

Test Engineer: SDC

Manufacturer: N.A

Test Standard: FCC

Model: MC320

Work Addition: TX

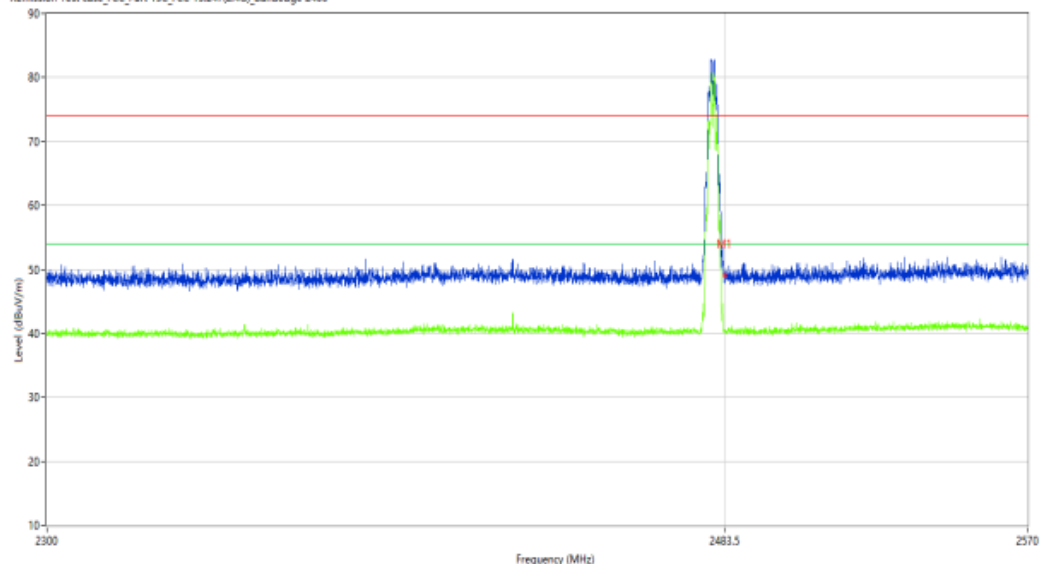
Temp.(oC): 22.6

Load: Full load

Hum.: 39.1%

Remark: DR-RSE01-E26020002-02#05

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	49.21	-10.56	74.0	24.79	Peak	137.92	100	V	Pass
1**	2483.500	40.42	-10.56	54.0	13.58	AV	137.92	100	V	Pass