

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

BLE-1M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.13.24

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

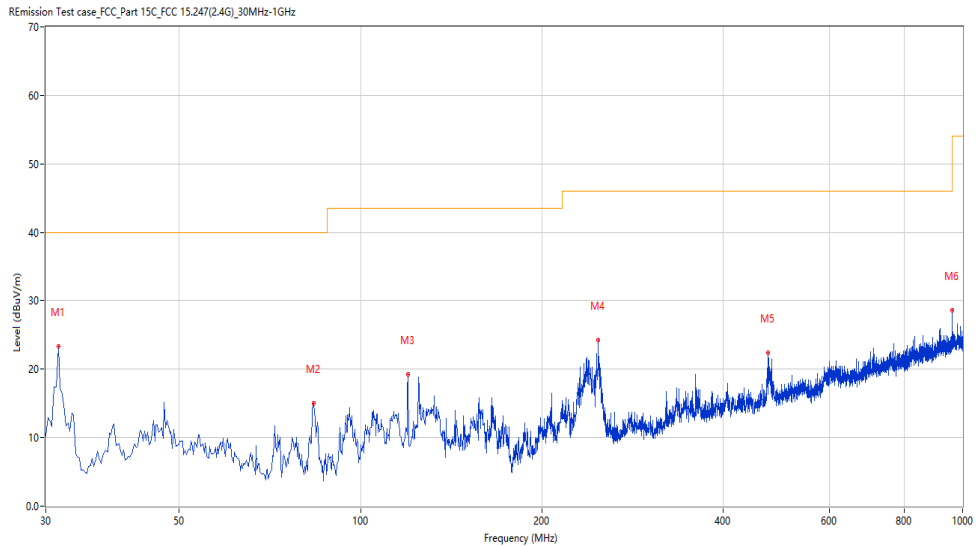
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.455	23.31	-28.26	40.0	16.69	Peak	93.70	100	Horizontal	Pass
2	83.579	13.95	-29.96	40.0	26.05	Peak	260.20	100	Horizontal	Pass
3	119.945	19.31	-27.36	43.5	24.19	Peak	132.00	100	Horizontal	Pass
4	248.195	24.28	-23.60	46.0	21.72	Peak	248.70	100	Horizontal	Pass
5	475.604	22.42	-18.21	46.0	23.58	Peak	227.10	100	Horizontal	Pass
6	959.998	28.58	-7.56	46.0	17.42	Peak	69.50	100	Horizontal	Pass

BLE-1M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.11.00

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

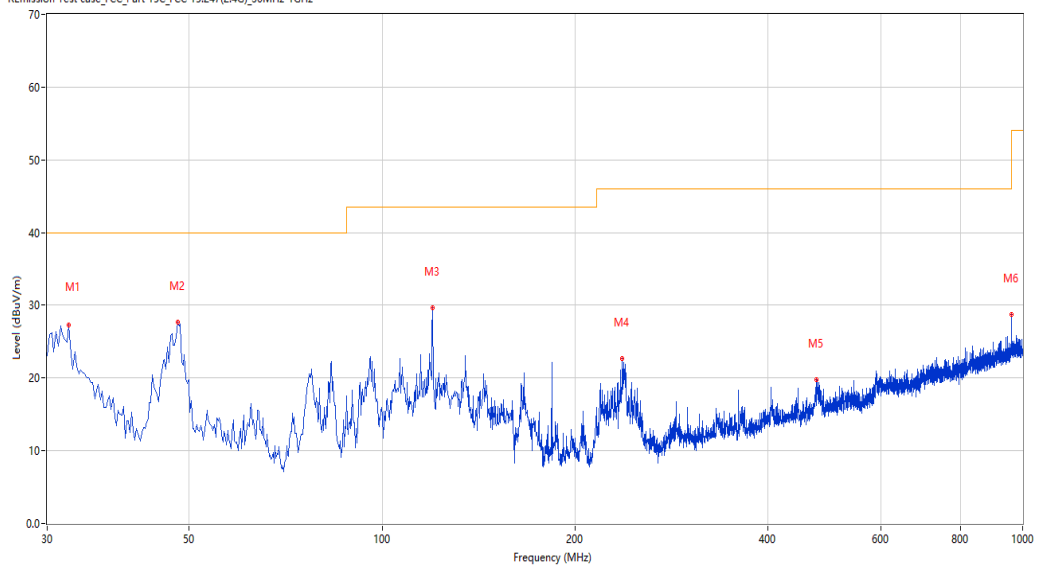
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	32.424	27.27	-27.90	40.0	12.73	Peak	266.50	123	Vertical	Pass
2	47.941	27.64	-24.06	40.0	12.36	Peak	0.40	123	Vertical	Pass
3	119.945	29.66	-27.36	43.5	13.84	Peak	179.10	123	Vertical	Pass
4	237.286	22.69	-24.06	46.0	23.31	Peak	1.10	123	Vertical	Pass
5	476.088	19.75	-18.21	46.0	26.25	Peak	205.50	123	Vertical	Pass
6	959.755	28.69	-7.58	46.0	17.31	Peak	31.00	123	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_13.59.49

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

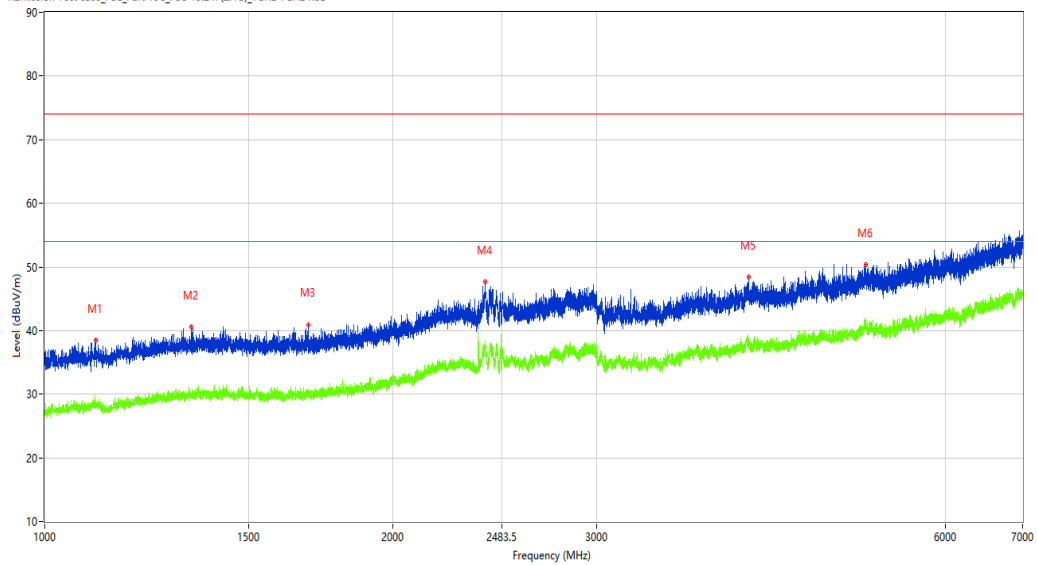
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1106.750	38.44	-14.16	74.0	35.56	Peak	125.10	100	Horizontal	Pass
1**	1106.750	28.04	-14.16	54.0	25.96	AV	125.10	100	Horizontal	Pass
2	1338.000	40.56	-12.88	74.0	33.44	Peak	295.50	100	Horizontal	Pass
2**	1338.000	30.23	-12.88	54.0	23.77	AV	295.50	100	Horizontal	Pass
3	1689.000	40.94	-13.01	74.0	33.06	Peak	141.10	100	Horizontal	Pass
3**	1689.000	30.36	-13.01	54.0	23.64	AV	141.10	100	Horizontal	Pass
4	2403.750	47.70	-4.75	74.0	26.30	Peak	360.00	100	Horizontal	Pass
4**	2403.750	37.49	-4.75	54.0	16.51	AV	360.00	100	Horizontal	Pass
5	4060.000	48.46	-1.38	74.0	25.54	Peak	75.10	100	Horizontal	Pass
5**	4060.000	37.73	-1.38	54.0	16.27	AV	75.10	100	Horizontal	Pass
6	5119.000	50.35	0.38	74.0	23.65	Peak	42.00	100	Horizontal	Pass
6**	5119.000	40.05	0.38	54.0	13.95	AV	42.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.24.07

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7275.000	31.20	0.94	74.0	42.80	Peak	360.00	100	Horizontal	Pass
1**	7275.000	21.03	0.94	54.0	32.97	AV	360.00	100	Horizontal	Pass
2	9909.500	39.70	8.89	74.0	34.30	Peak	281.00	100	Horizontal	Pass
2**	9909.500	30.06	8.89	54.0	23.94	AV	281.00	100	Horizontal	Pass
3	10885.750	42.21	10.20	74.0	31.79	Peak	315.30	100	Horizontal	Pass
3**	10885.750	31.39	10.20	54.0	22.61	AV	315.30	100	Horizontal	Pass
4	12464.250	44.07	11.92	74.0	29.93	Peak	315.30	100	Horizontal	Pass
4**	12464.250	34.45	11.92	54.0	19.55	AV	315.30	100	Horizontal	Pass
5	14493.750	50.20	16.87	74.0	23.80	Peak	315.30	100	Horizontal	Pass
5**	14493.750	39.63	16.87	54.0	14.37	AV	315.30	100	Horizontal	Pass
6	17466.499	53.78	21.30	74.0	20.22	Peak	183.20	100	Horizontal	Pass
6**	17466.499	44.47	21.30	54.0	9.53	AV	183.20	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.01.17

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

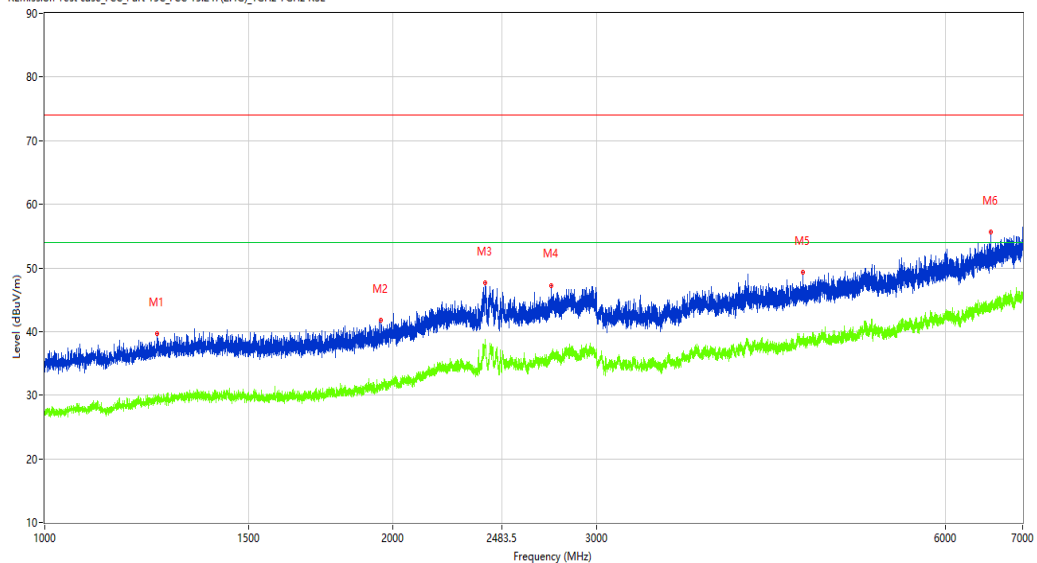
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1251.250	39.68	-13.36	74.0	34.32	Peak	2.10	123	Vertical	Pass
1**	1251.250	29.61	-13.36	54.0	24.39	AV	2.10	123	Vertical	Pass
2	1951.750	41.77	-11.21	74.0	32.23	Peak	169.00	123	Vertical	Pass
2**	1951.750	31.41	-11.21	54.0	22.59	AV	169.00	123	Vertical	Pass
3	2403.000	47.68	-4.73	74.0	26.32	Peak	169.00	123	Vertical	Pass
3**	2403.000	37.73	-4.73	54.0	16.27	AV	169.00	123	Vertical	Pass
4	2740.250	47.27	-5.70	74.0	26.73	Peak	48.80	123	Vertical	Pass
4**	2740.250	36.10	-5.70	54.0	17.90	AV	48.80	123	Vertical	Pass
5	4519.500	49.34	-0.89	74.0	24.66	Peak	10.00	123	Vertical	Pass
5**	4519.500	39.21	-0.89	54.0	14.79	AV	10.00	123	Vertical	Pass
6	6574.500	55.64	3.22	74.0	18.36	Peak	120.50	123	Vertical	Pass
6**	6574.500	44.15	3.22	54.0	9.85	AV	120.50	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.29.19

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

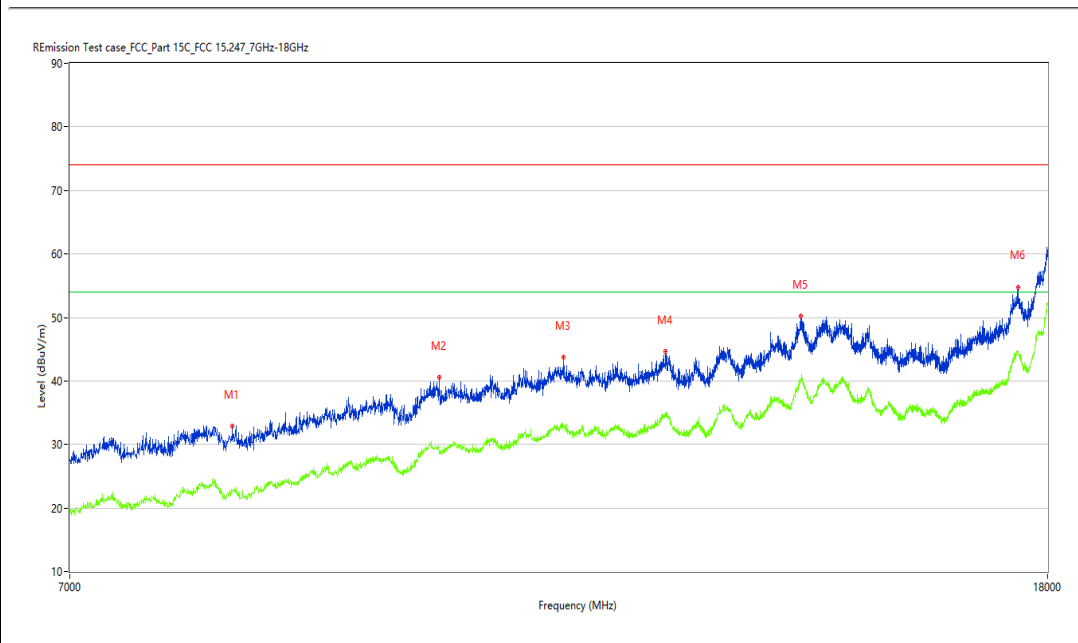
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8190.750	32.95	2.73	74.0	41.05	Peak	32.10	100	Vertical	Pass
1**	8190.750	22.81	2.73	54.0	31.19	AV	32.10	100	Vertical	Pass
2	10000.250	40.62	8.35	74.0	33.38	Peak	339.10	100	Vertical	Pass
2**	10000.250	29.08	8.35	54.0	24.92	AV	339.10	100	Vertical	Pass
3	11279.000	43.72	11.44	74.0	30.28	Peak	226.70	100	Vertical	Pass
3**	11279.000	32.77	11.44	54.0	21.23	AV	226.70	100	Vertical	Pass
4	12445.000	44.65	11.87	74.0	29.35	Peak	2.60	100	Vertical	Pass
4**	12445.000	34.39	11.87	54.0	19.61	AV	2.60	100	Vertical	Pass
5	14177.500	50.22	18.32	74.0	23.78	Peak	2.60	100	Vertical	Pass
5**	14177.500	39.89	18.32	54.0	14.11	AV	2.60	100	Vertical	Pass
6	17488.501	54.79	21.68	74.0	19.21	Peak	16.50	100	Vertical	Pass
6**	17488.501	44.62	21.68	54.0	9.38	AV	16.50	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_13.58.07

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

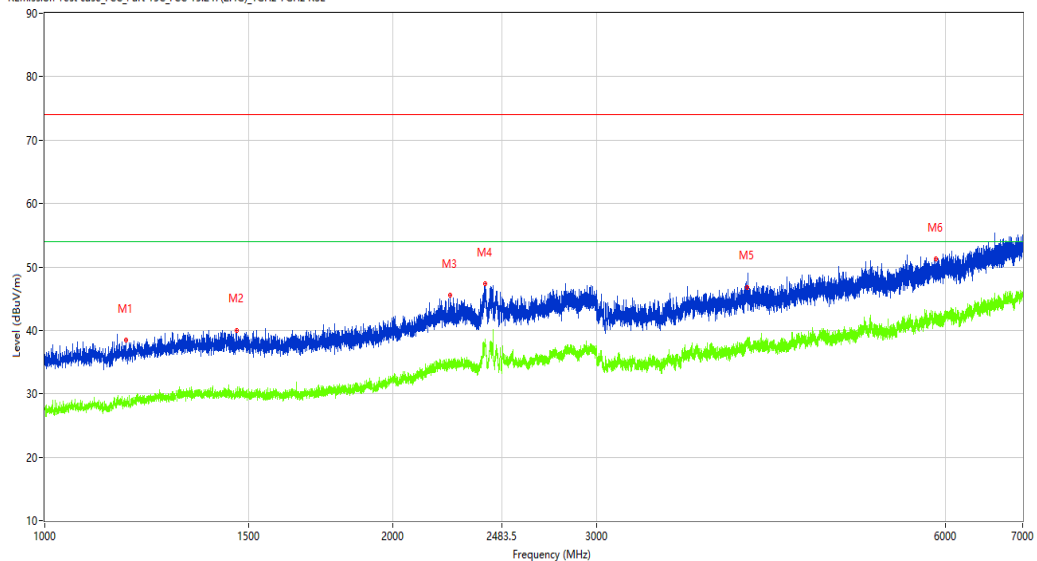
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1174.750	38.49	-13.50	74.0	35.51	Peak	261.70	100	Horizontal	Pass
1**	1174.750	27.73	-13.50	54.0	26.27	AV	261.70	100	Horizontal	Pass
2	1464.250	40.04	-12.95	74.0	33.96	Peak	292.60	100	Horizontal	Pass
2**	1464.250	29.57	-12.95	54.0	24.43	AV	292.60	100	Horizontal	Pass
3	2239.500	45.59	-8.15	74.0	28.41	Peak	278.10	100	Horizontal	Pass
3**	2239.500	33.98	-8.15	54.0	20.02	AV	278.10	100	Horizontal	Pass
4	2400.750	47.38	-4.68	74.0	26.62	Peak	172.70	100	Horizontal	Pass
4**	2400.750	38.04	-4.68	54.0	15.96	AV	172.70	100	Horizontal	Pass
5	4044.500	46.83	-1.56	74.0	27.17	Peak	0.00	100	Horizontal	Pass
5**	4044.500	38.08	-1.56	54.0	15.92	AV	0.00	100	Horizontal	Pass
6	5891.500	51.22	1.15	74.0	22.78	Peak	0.00	100	Horizontal	Pass
6**	5891.500	41.79	1.15	54.0	12.21	AV	0.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.25.15

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

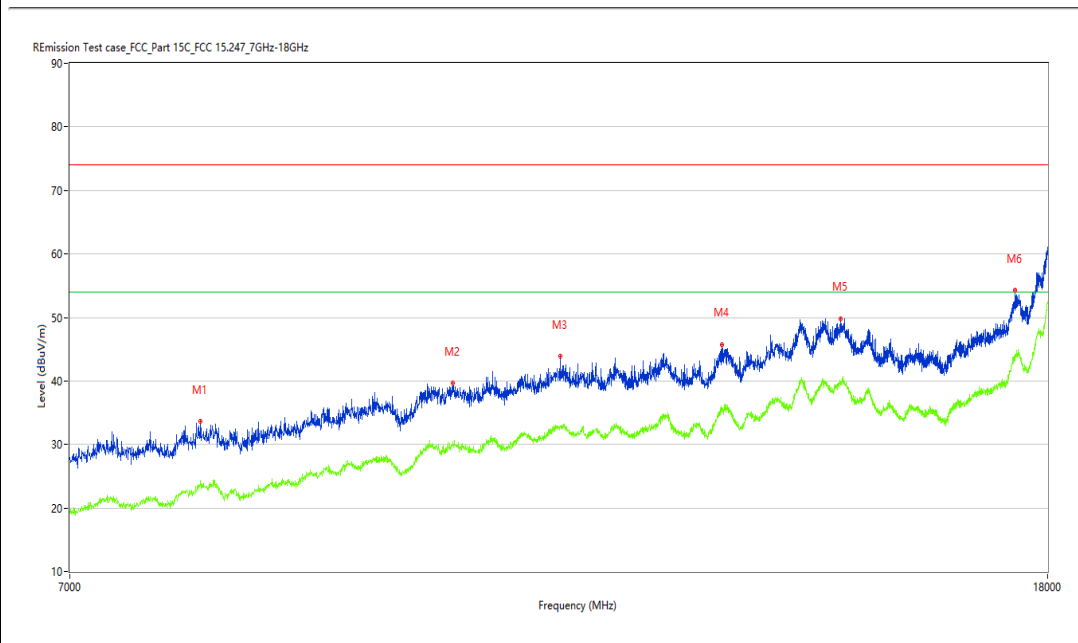
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7943.250	33.58	2.62	74.0	40.42	Peak	358.40	100	Horizontal	Pass
1**	7943.250	24.27	2.62	54.0	29.73	AV	358.40	100	Horizontal	Pass
2	10135.000	39.67	8.49	74.0	34.33	Peak	111.00	100	Horizontal	Pass
2**	10135.000	30.46	8.49	54.0	23.54	AV	111.00	100	Horizontal	Pass
3	11240.500	43.92	10.92	74.0	30.08	Peak	234.90	100	Horizontal	Pass
3**	11240.500	32.85	10.92	54.0	21.15	AV	234.90	100	Horizontal	Pass
4	13140.750	45.76	13.07	74.0	28.24	Peak	358.40	100	Horizontal	Pass
4**	13140.750	35.82	13.07	54.0	18.18	AV	358.40	100	Horizontal	Pass
5	14733.000	49.84	17.62	74.0	24.16	Peak	358.40	100	Horizontal	Pass
5**	14733.000	39.66	17.62	54.0	14.34	AV	358.40	100	Horizontal	Pass
6	17441.749	54.23	20.75	74.0	19.77	Peak	234.90	100	Horizontal	Pass
6**	17441.749	43.86	20.75	54.0	10.14	AV	234.90	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_14.59.09

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

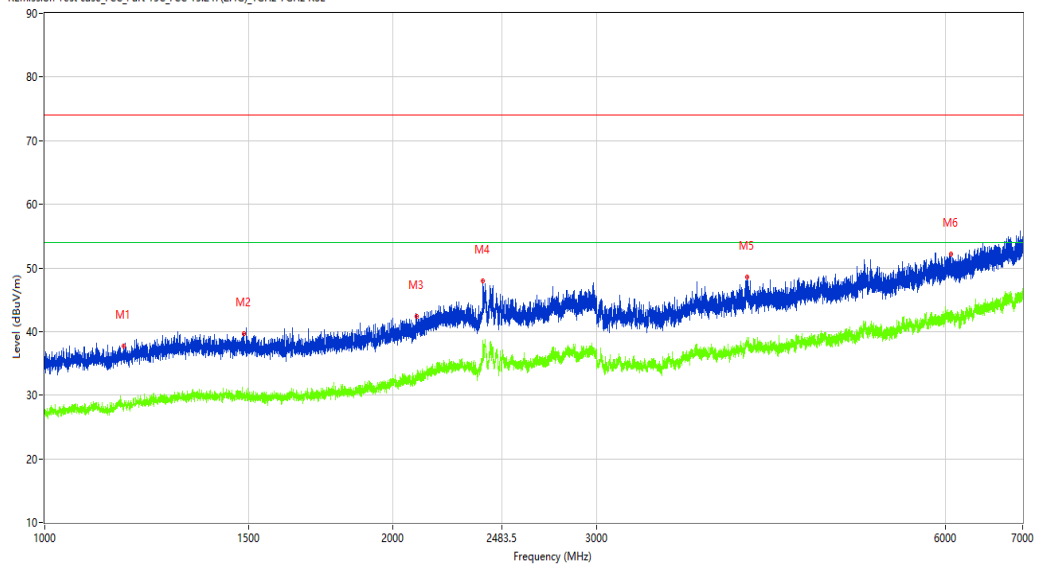
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.500	37.74	-13.58	74.0	36.26	Peak	341.30	123	Vertical	Pass
1**	1169.500	27.86	-13.58	54.0	26.14	AV	341.30	123	Vertical	Pass
2	1485.000	39.71	-12.98	74.0	34.29	Peak	341.30	123	Vertical	Pass
2**	1485.000	30.34	-12.98	54.0	23.66	AV	341.30	123	Vertical	Pass
3	2095.250	42.45	-9.41	74.0	31.55	Peak	263.60	123	Vertical	Pass
3**	2095.250	32.32	-9.41	54.0	21.68	AV	263.60	123	Vertical	Pass
4	2392.250	47.95	-4.45	74.0	26.05	Peak	341.30	123	Vertical	Pass
4**	2392.250	38.56	-4.45	54.0	15.44	AV	341.30	123	Vertical	Pass
5	4046.500	48.52	-1.54	74.0	25.48	Peak	58.00	123	Vertical	Pass
5**	4046.500	37.79	-1.54	54.0	16.21	AV	58.00	123	Vertical	Pass
6	6070.500	52.17	1.91	74.0	21.83	Peak	74.00	123	Vertical	Pass
6**	6070.500	42.46	1.91	54.0	11.54	AV	74.00	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.30.39

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

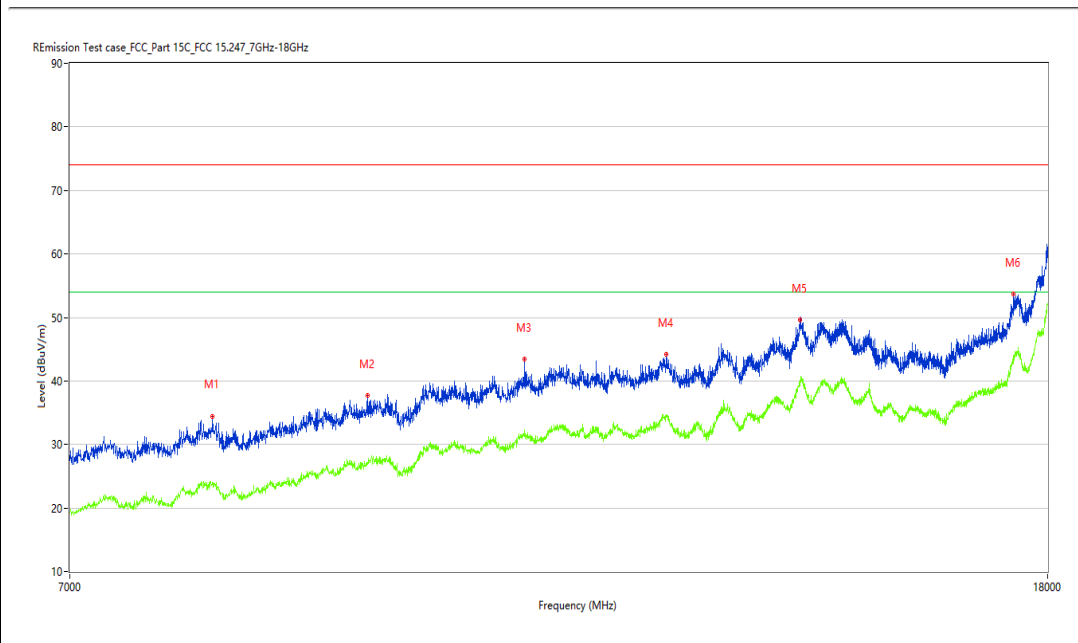
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8034.000	34.34	3.68	74.0	39.66	Peak	139.60	100	Vertical	Pass
1**	8034.000	23.94	3.68	54.0	30.06	AV	139.60	100	Vertical	Pass
2	9332.000	37.72	6.35	74.0	36.28	Peak	199.20	100	Vertical	Pass
2**	9332.000	27.19	6.35	54.0	26.81	AV	199.20	100	Vertical	Pass
3	10863.750	43.40	10.20	74.0	30.60	Peak	199.20	100	Vertical	Pass
3**	10863.750	32.34	10.20	54.0	21.66	AV	199.20	100	Vertical	Pass
4	12455.999	44.16	11.90	74.0	29.84	Peak	23.90	100	Vertical	Pass
4**	12455.999	34.62	11.90	54.0	19.38	AV	23.90	100	Vertical	Pass
5	14166.500	49.65	17.96	74.0	24.35	Peak	199.20	100	Vertical	Pass
5**	14166.500	39.30	17.96	54.0	14.70	AV	199.20	100	Vertical	Pass
6	17414.250	53.66	20.22	74.0	20.34	Peak	231.50	100	Vertical	Pass
6**	17414.250	43.46	20.22	54.0	10.54	AV	231.50	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_13.52.36

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

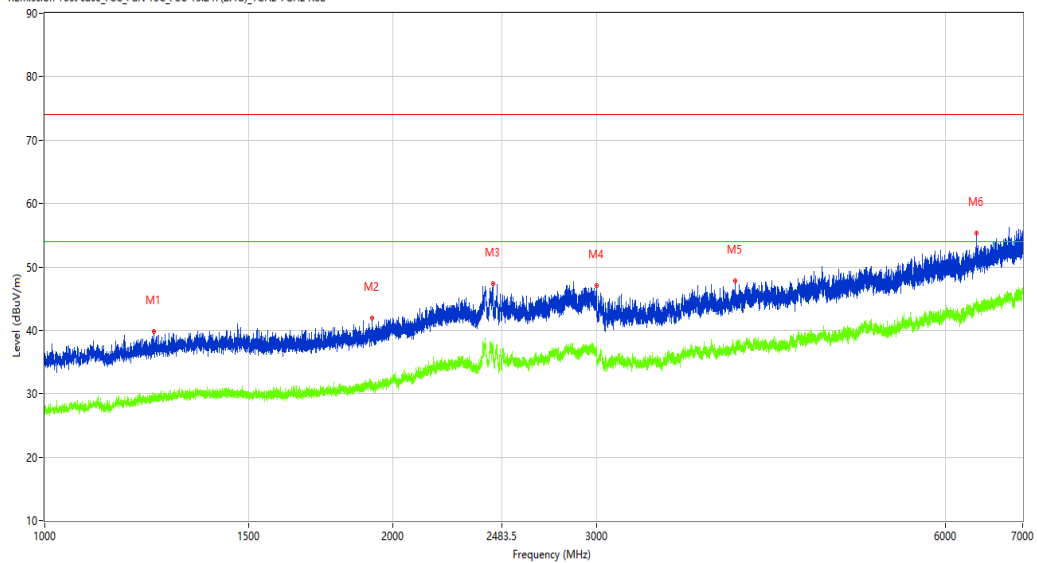
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1242.250	39.79	-13.40	74.0	34.21	Peak	153.00	100	Horizontal	Pass
1**	1242.250	29.21	-13.40	54.0	24.79	AV	153.00	100	Horizontal	Pass
2	1916.500	41.94	-11.59	74.0	32.06	Peak	153.00	100	Horizontal	Pass
2**	1916.500	31.16	-11.59	54.0	22.84	AV	153.00	100	Horizontal	Pass
3	2438.500	47.32	-5.44	74.0	26.68	Peak	282.20	100	Horizontal	Pass
3**	2438.500	37.95	-5.44	54.0	16.05	AV	282.20	100	Horizontal	Pass
4	2998.500	47.08	-3.50	74.0	26.92	Peak	297.40	100	Horizontal	Pass
4**	2998.500	36.27	-3.50	54.0	17.73	AV	297.40	100	Horizontal	Pass
5	3951.500	47.76	-2.30	74.0	26.24	Peak	72.90	100	Horizontal	Pass
5**	3951.500	36.44	-2.30	54.0	17.56	AV	72.90	100	Horizontal	Pass
6	6385.500	55.33	2.64	74.0	18.67	Peak	88.10	100	Horizontal	Pass
6**	6385.500	43.93	2.64	54.0	10.07	AV	88.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.27.12

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

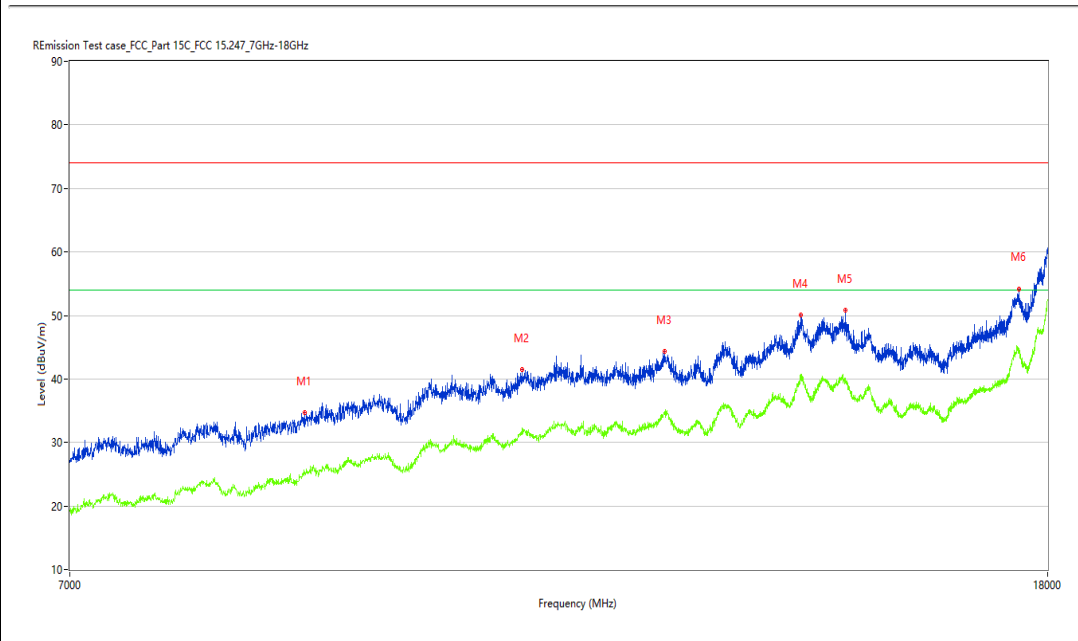
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8784.750	34.67	4.05	74.0	39.33	Peak	153.00	100	Horizontal	Pass
1**	8784.750	25.42	4.05	54.0	28.58	AV	153.00	100	Horizontal	Pass
2	10830.750	41.44	10.00	74.0	32.56	Peak	234.50	100	Horizontal	Pass
2**	10830.750	31.80	10.00	54.0	22.20	AV	234.50	100	Horizontal	Pass
3	12431.250	44.31	11.84	74.0	29.69	Peak	316.00	100	Horizontal	Pass
3**	12431.250	34.89	11.84	54.0	19.11	AV	316.00	100	Horizontal	Pass
4	14185.750	50.00	18.59	74.0	24.00	Peak	360.00	100	Horizontal	Pass
4**	14185.750	39.77	18.59	54.0	14.23	AV	360.00	100	Horizontal	Pass
5	14801.750	50.81	17.45	74.0	23.19	Peak	360.00	100	Horizontal	Pass
5**	14801.750	40.07	17.45	54.0	13.93	AV	360.00	100	Horizontal	Pass
6	17510.500	54.07	21.26	74.0	19.93	Peak	316.00	100	Horizontal	Pass
6**	17510.500	44.42	21.26	54.0	9.58	AV	316.00	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_14.56.51

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

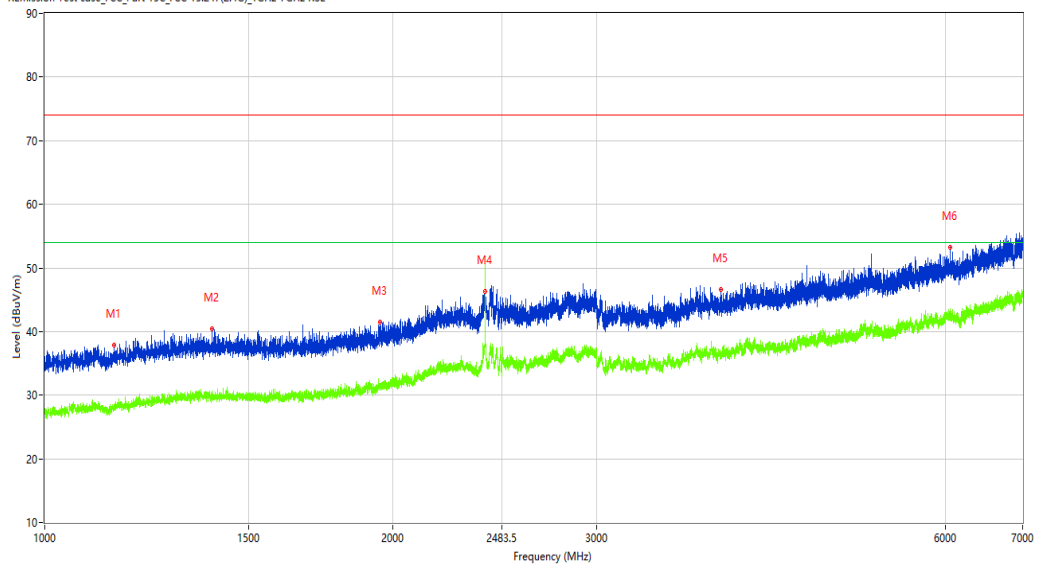
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.000	37.91	-14.17	74.0	36.09	Peak	160.80	123	Vertical	Pass
1**	1148.000	28.08	-14.17	54.0	25.92	AV	160.80	123	Vertical	Pass
2	1394.000	40.46	-12.75	74.0	33.54	Peak	192.10	123	Vertical	Pass
2**	1394.000	29.66	-12.75	54.0	24.34	AV	192.10	123	Vertical	Pass
3	1948.250	41.47	-11.20	74.0	32.53	Peak	192.10	123	Vertical	Pass
3**	1948.250	31.39	-11.20	54.0	22.61	AV	192.10	123	Vertical	Pass
4	2400.500	46.27	-4.68	74.0	27.73	Peak	360.00	123	Vertical	Pass
4**	2400.500	37.59	-4.68	54.0	16.41	AV	360.00	123	Vertical	Pass
5	3837.000	46.63	-3.23	74.0	27.37	Peak	0.00	123	Vertical	Pass
5**	3837.000	36.25	-3.23	54.0	17.75	AV	0.00	123	Vertical	Pass
6	6056.000	53.27	1.91	74.0	20.73	Peak	39.40	123	Vertical	Pass
6**	6056.000	43.41	1.91	54.0	10.59	AV	39.40	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.31.56

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

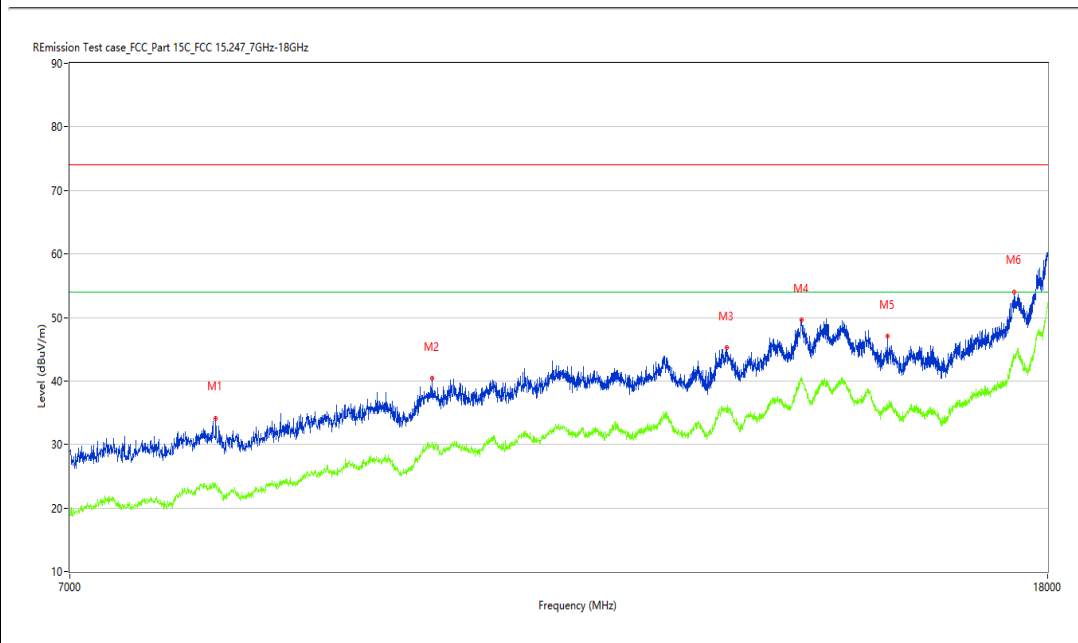
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8058.750	32.96	3.62	74.0	41.04	Peak	18.30	100	Vertical	Pass
1**	8058.750	23.45	3.62	54.0	30.55	AV	18.30	100	Vertical	Pass
2	9931.500	40.45	8.89	74.0	33.55	Peak	0.00	100	Vertical	Pass
2**	9931.500	29.58	8.89	54.0	24.42	AV	0.00	100	Vertical	Pass
3	13201.250	45.28	13.21	74.0	28.72	Peak	80.90	100	Vertical	Pass
3**	13201.250	34.99	13.21	54.0	19.01	AV	80.90	100	Vertical	Pass
4	14191.250	49.60	18.59	74.0	24.40	Peak	80.90	100	Vertical	Pass
4**	14191.250	40.10	18.59	54.0	13.90	AV	80.90	100	Vertical	Pass
5	15417.750	47.01	12.75	74.0	26.99	Peak	80.90	100	Vertical	Pass
5**	15417.750	36.25	12.75	54.0	17.75	AV	80.90	100	Vertical	Pass
6	17422.500	53.93	20.38	74.0	20.07	Peak	159.80	100	Vertical	Pass
6**	17422.500	43.72	20.38	54.0	10.28	AV	159.80	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_13.48.56

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

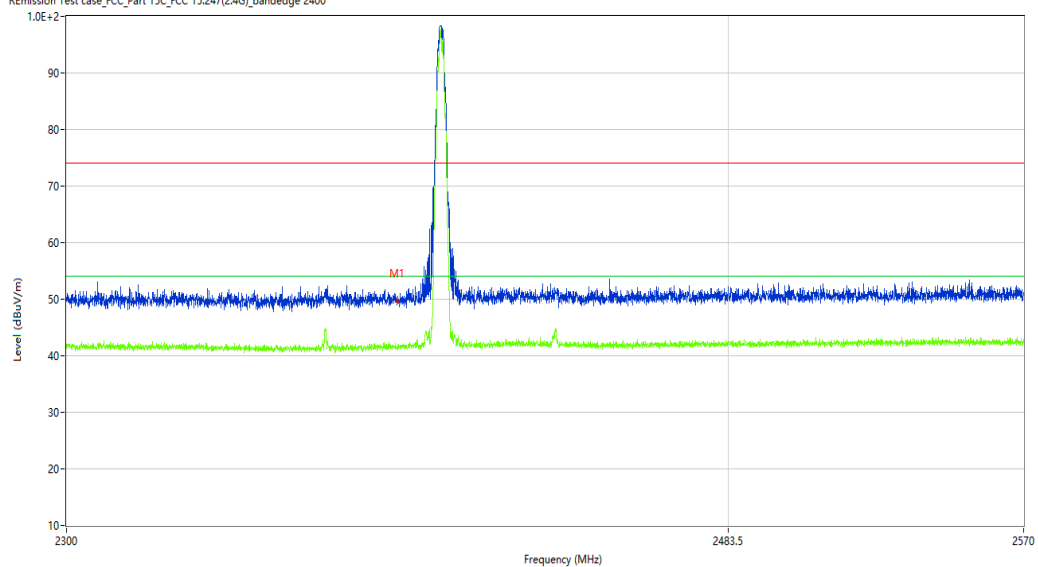
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.78	-10.27	74.0	24.22	Peak	240.45	100	Horizontal	Pass
1**	2390.000	41.57	-10.27	54.0	12.43	AV	240.45	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_14.54.02

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

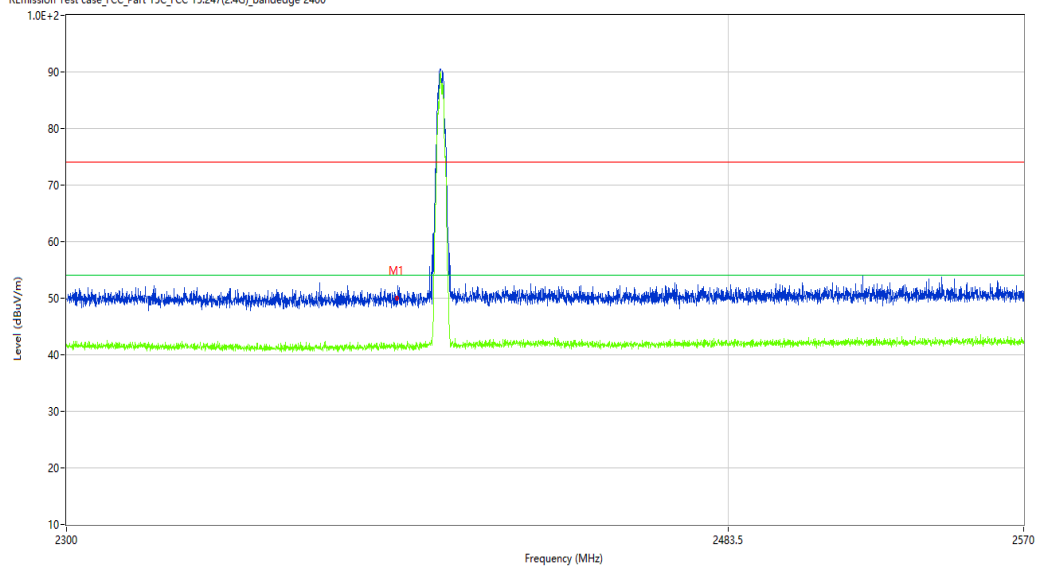
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.11	-10.27	74.0	23.89	Peak	251.53	123	Vertical	Pass
1**	2390.000	41.12	-10.27	54.0	12.88	AV	251.53	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_13.50.54

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

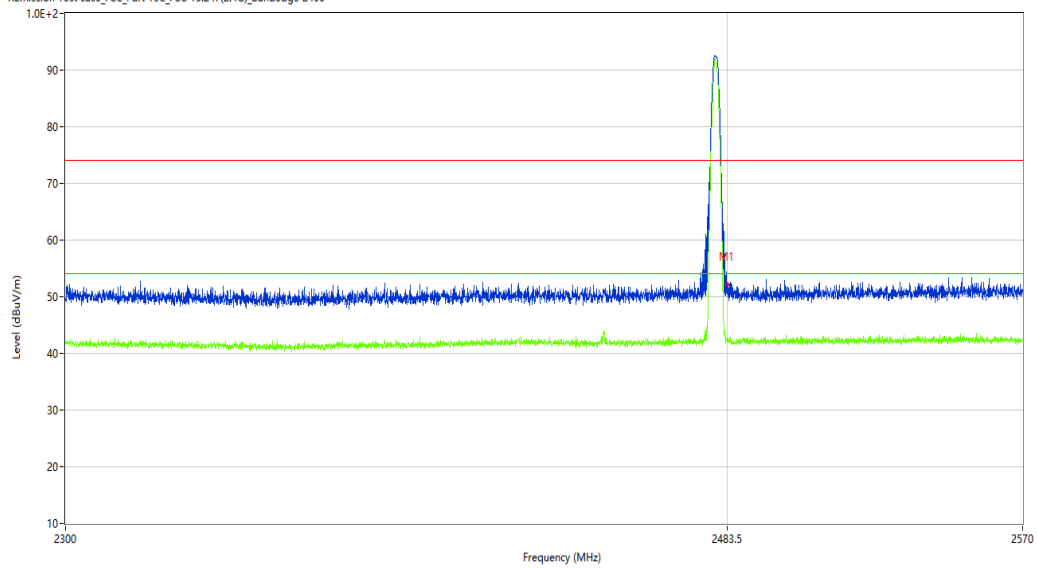
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.12	-9.82	74.0	23.88	Peak	0.00	100	Horizontal	Pass
1**	2483.500	42.30	-9.82	54.0	11.70	AV	0.00	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_14.55.30

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

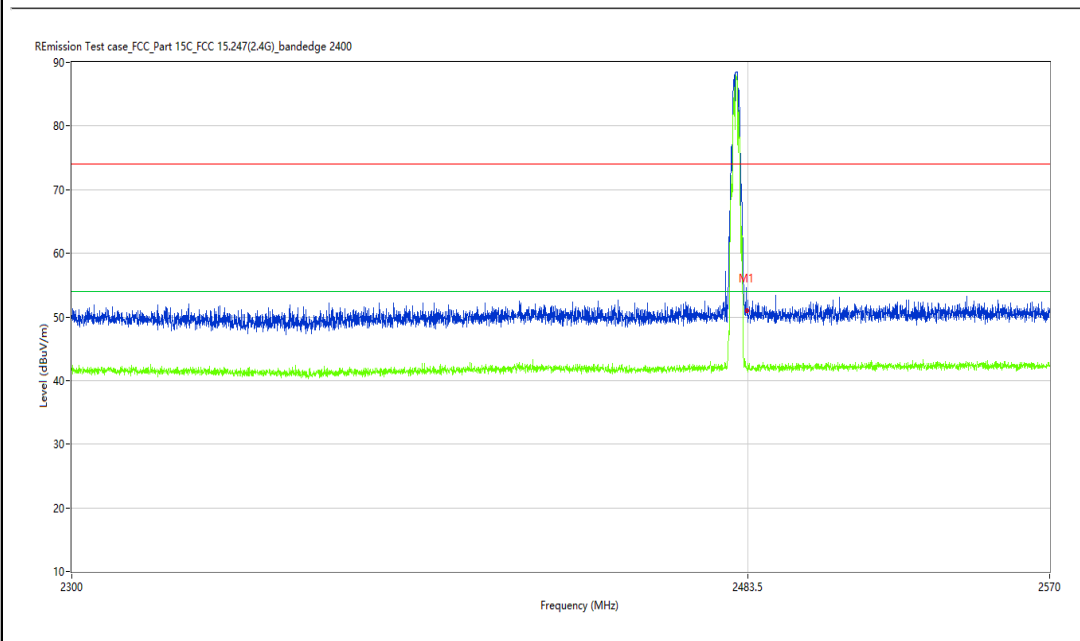
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	50.88	-9.82	74.0	23.12	Peak	93.22	123	Vertical	Pass
1**	2483.500	42.18	-9.82	54.0	11.82	AV	93.22	123	Vertical	Pass

BLE-2M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.14.44

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

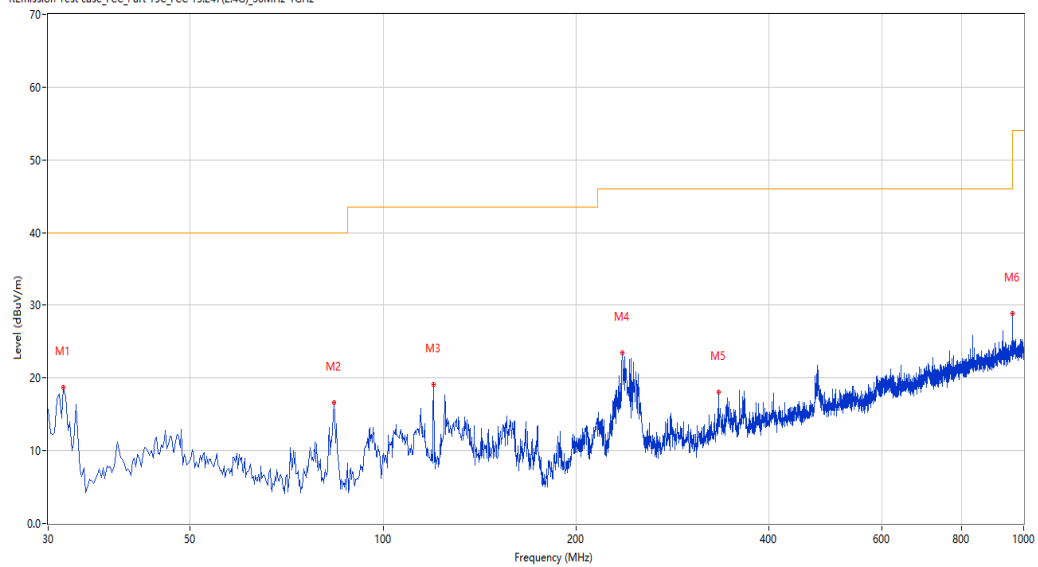
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.697	15.67	-28.17	40.0	24.33	Peak	22.00	100	Horizontal	Pass
2	83.822	16.66	-29.87	40.0	23.34	Peak	232.00	100	Horizontal	Pass
3	119.945	19.17	-27.36	43.5	24.33	Peak	135.50	100	Horizontal	Pass
4	236.316	23.46	-24.04	46.0	22.54	Peak	257.70	100	Horizontal	Pass
5	334.261	18.06	-20.86	46.0	27.94	Peak	112.00	100	Horizontal	Pass
6	959.755	28.82	-7.58	46.0	17.18	Peak	80.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.09.29

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

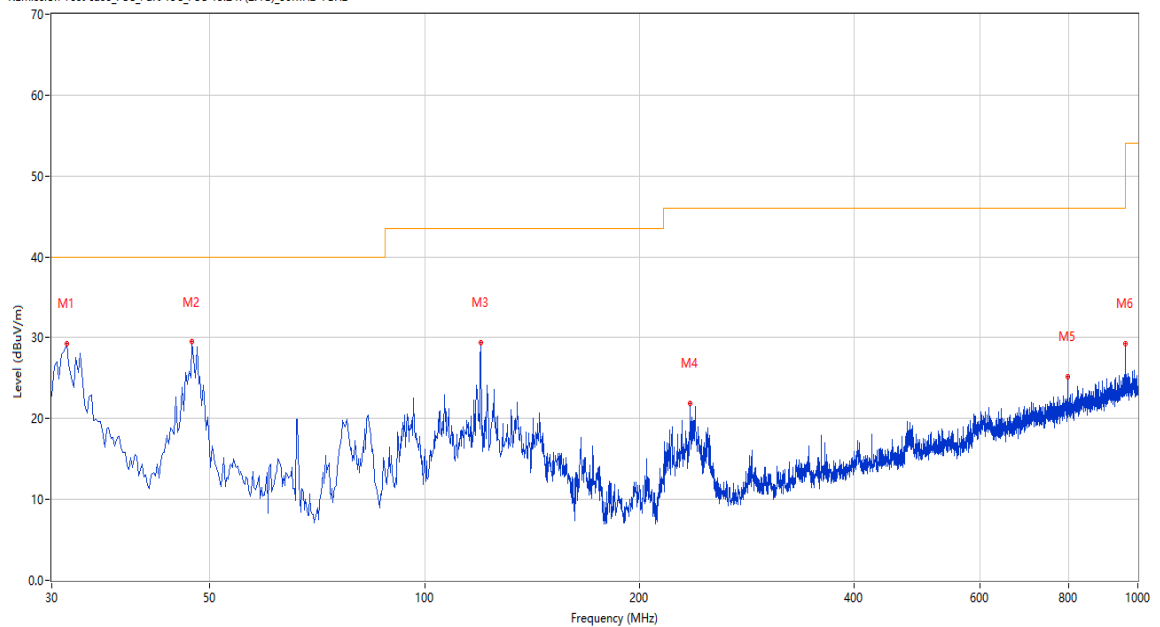
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.455	29.27	-28.26	40.0	10.73	Peak	39.50	100	Vertical	Pass
2	47.213	29.57	-24.12	40.0	10.43	Peak	20.20	100	Vertical	Pass
3	119.945	29.16	-27.36	43.5	14.34	Peak	224.50	100	Vertical	Pass
4	235.589	21.95	-24.04	46.0	24.05	Peak	184.70	100	Vertical	Pass
5	796.593	25.15	-10.90	46.0	20.85	Peak	358.30	100	Vertical	Pass
6	959.755	29.23	-7.58	46.0	16.77	Peak	289.60	100	Vertical	Pass

1-18G

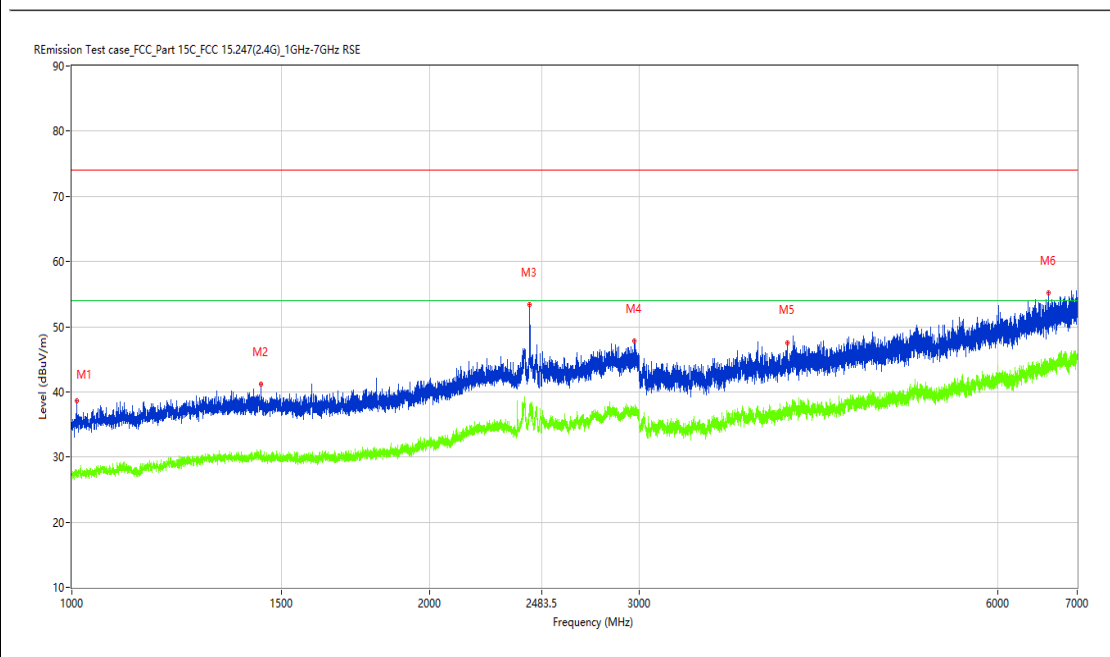
BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_14.02.17

EUT Name:	BLE Module	Test Engineer:	ZY
Manufacturer:	N.A	Test Standard:	FCC CFR47 Part 15, Subpart C
Model:	N.A	Work Addition:	TX
Temp.(oC):	20.5	Load:	full load
Hum.:	45%RH	Remark:	DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1010.000	38.66	-14.35	74.0	35.34	Peak	297.80	100	Horizontal	Pass
1**	1010.000	27.68	-14.35	54.0	26.32	AV	297.80	100	Horizontal	Pass
2	1441.500	41.14	-12.73	74.0	32.86	Peak	268.40	100	Horizontal	Pass
2**	1441.500	30.91	-12.73	54.0	23.09	AV	268.40	100	Horizontal	Pass
3	2426.000	53.41	-5.18	74.0	20.59	Peak	285.10	100	Horizontal	Pass
3**	2426.000	37.48	-5.18	54.0	16.52	AV	285.10	100	Horizontal	Pass
4	2968.500	47.79	-3.73	74.0	26.21	Peak	172.70	100	Horizontal	Pass
4**	2968.500	36.70	-3.73	54.0	17.30	AV	172.70	100	Horizontal	Pass
5	3992.000	47.56	-1.88	74.0	26.44	Peak	0.00	100	Horizontal	Pass
5**	3992.000	37.71	-1.88	54.0	16.29	AV	0.00	100	Horizontal	Pass
6	6625.500	55.18	3.46	74.0	18.82	Peak	0.00	100	Horizontal	Pass
6**	6625.500	43.58	3.46	54.0	10.42	AV	0.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.20.23

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

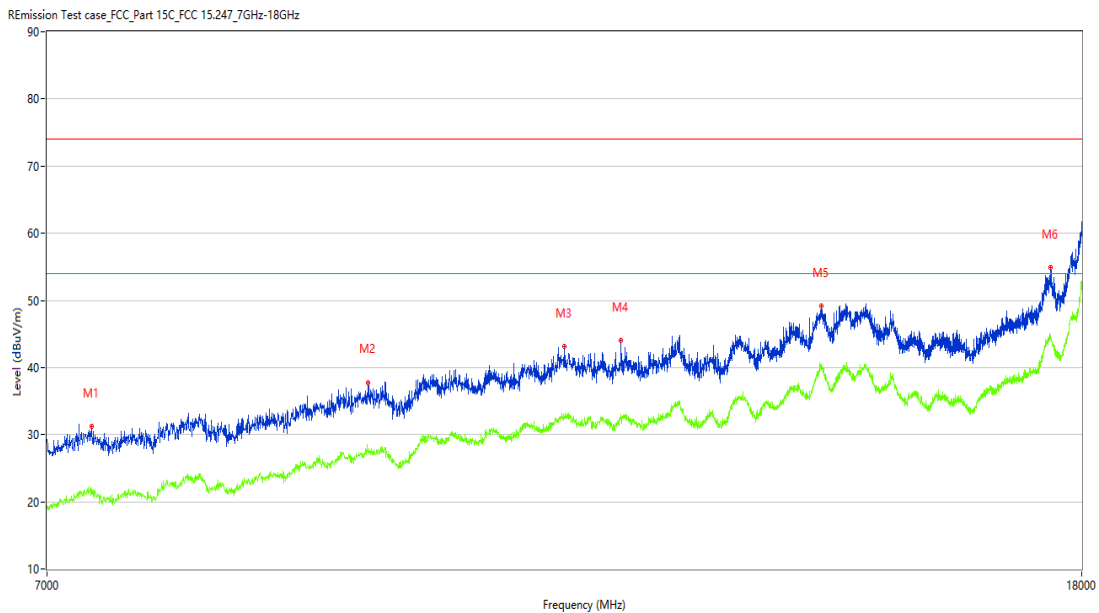
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7288.750	31.30	0.96	74.0	42.70	Peak	115.40	100	Horizontal	Pass
1**	7288.750	21.31	0.96	54.0	32.69	AV	115.40	100	Horizontal	Pass
2	9381.500	37.69	6.71	74.0	36.31	Peak	98.70	100	Horizontal	Pass
2**	9381.500	27.55	6.71	54.0	26.45	AV	98.70	100	Horizontal	Pass
3	11226.750	43.09	10.74	74.0	30.91	Peak	115.40	100	Horizontal	Pass
3**	11226.750	32.39	10.74	54.0	21.61	AV	115.40	100	Horizontal	Pass
4	11820.750	44.02	10.67	74.0	29.98	Peak	115.40	100	Horizontal	Pass
4**	11820.750	33.08	10.67	54.0	20.92	AV	115.40	100	Horizontal	Pass
5	14191.250	49.23	18.59	74.0	24.77	Peak	98.70	100	Horizontal	Pass
5**	14191.250	39.93	18.59	54.0	14.07	AV	98.70	100	Horizontal	Pass
6	17488.501	54.88	21.68	74.0	19.12	Peak	115.40	100	Horizontal	Pass
6**	17488.501	44.81	21.68	54.0	9.19	AV	115.40	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.03.20

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

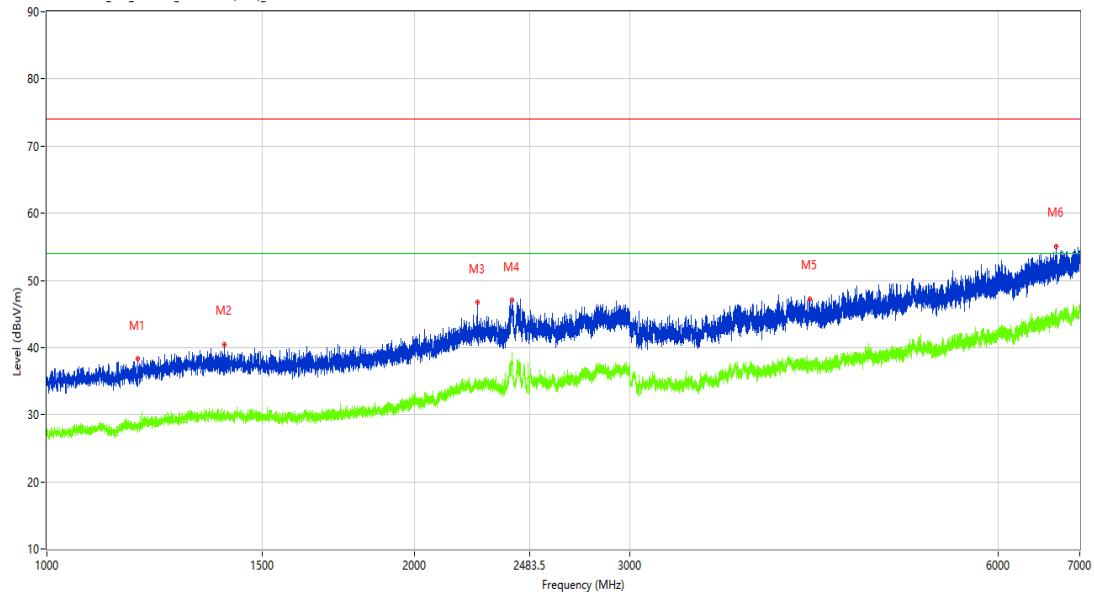
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1186.500	38.28	-13.75	74.0	35.72	Peak	268.00	123	Vertical	Pass
1**	1186.500	28.36	-13.75	54.0	25.64	AV	268.00	123	Vertical	Pass
2	1396.000	40.50	-12.75	74.0	33.50	Peak	268.00	123	Vertical	Pass
2**	1396.000	29.83	-12.75	54.0	24.17	AV	268.00	123	Vertical	Pass
3	2249.250	46.79	-7.73	74.0	27.21	Peak	360.00	123	Vertical	Pass
3**	2249.250	34.20	-7.73	54.0	19.80	AV	360.00	123	Vertical	Pass
4	2401.250	47.13	-4.69	74.0	26.87	Peak	221.50	123	Vertical	Pass
4**	2401.250	37.95	-4.69	54.0	16.05	AV	221.50	123	Vertical	Pass
5	4210.500	47.27	-2.25	74.0	26.73	Peak	0.00	123	Vertical	Pass
5**	4210.500	37.77	-2.25	54.0	16.23	AV	0.00	123	Vertical	Pass
6	6691.000	55.10	3.54	74.0	18.90	Peak	0.00	123	Vertical	Pass
6**	6691.000	45.84	3.54	54.0	8.16	AV	0.00	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.16.10

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

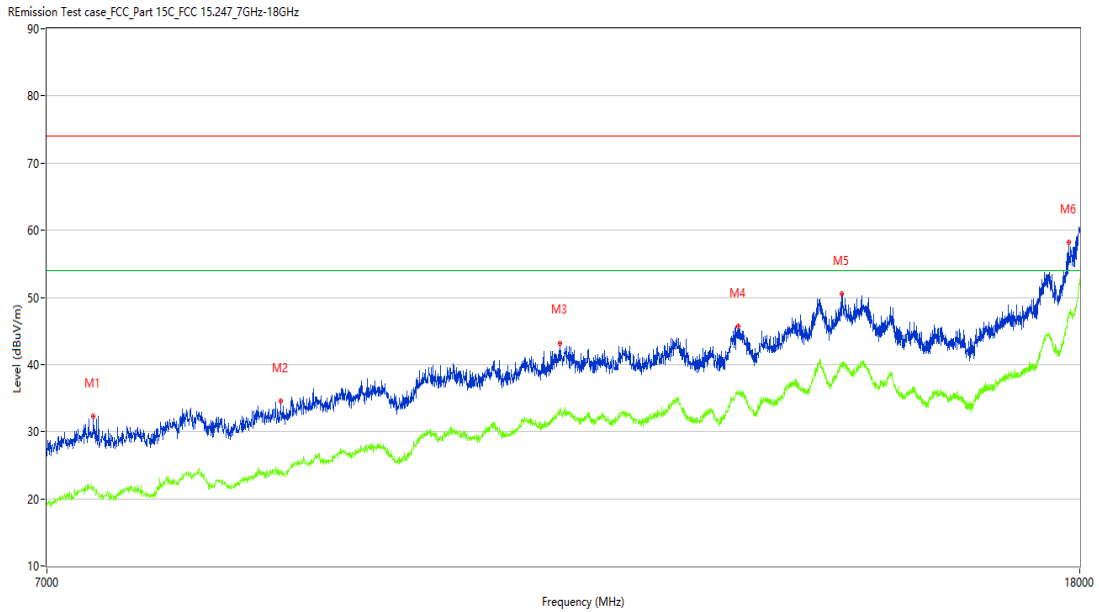
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7305.250	32.31	0.93	74.0	41.69	Peak	360.00	100	Vertical	Pass
1**	7305.250	21.26	0.93	54.0	32.74	AV	360.00	100	Vertical	Pass
2	8666.500	34.57	3.82	74.0	39.43	Peak	280.70	100	Vertical	Pass
2**	8666.500	24.08	3.82	54.0	29.92	AV	280.70	100	Vertical	Pass
3	11188.250	43.22	10.32	74.0	30.78	Peak	314.20	100	Vertical	Pass
3**	11188.250	32.44	10.32	54.0	21.56	AV	314.20	100	Vertical	Pass
4	13176.500	45.67	13.16	74.0	28.33	Peak	360.00	100	Vertical	Pass
4**	13176.500	35.49	13.16	54.0	18.51	AV	360.00	100	Vertical	Pass
5	14474.500	50.53	17.07	74.0	23.47	Peak	314.20	100	Vertical	Pass
5**	14474.500	40.28	17.07	54.0	13.72	AV	314.20	100	Vertical	Pass
6	17824.000	58.17	23.10	74.0	15.83	Peak	360.00	100	Vertical	Pass
6**	17824.000	47.25	23.10	54.0	6.75	AV	360.00	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_14.04.07

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

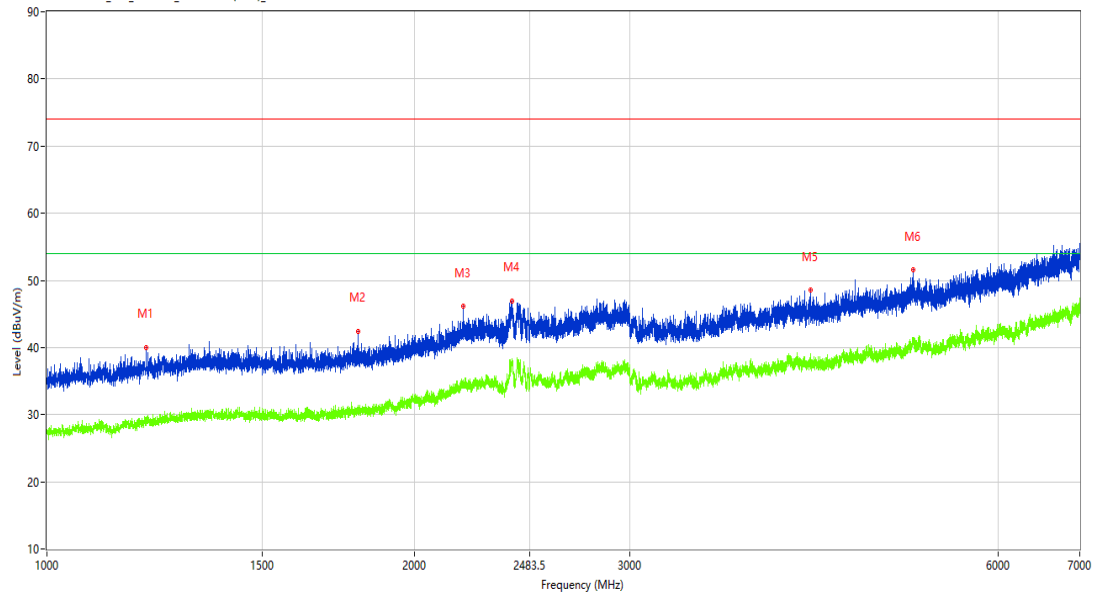
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1206.250	40.04	-13.72	74.0	33.96	Peak	360.00	100	Horizontal	Pass
1**	1206.250	29.10	-13.72	54.0	24.90	AV	360.00	100	Horizontal	Pass
2	1797.500	42.45	-12.47	74.0	31.55	Peak	360.00	100	Horizontal	Pass
2**	1797.500	31.23	-12.47	54.0	22.77	AV	360.00	100	Horizontal	Pass
3	2189.500	46.18	-8.07	74.0	27.82	Peak	297.00	100	Horizontal	Pass
3**	2189.500	34.22	-8.07	54.0	19.78	AV	297.00	100	Horizontal	Pass
4	2400.750	46.96	-4.68	74.0	27.04	Peak	64.80	100	Horizontal	Pass
4**	2400.750	38.34	-4.68	54.0	15.66	AV	64.80	100	Horizontal	Pass
5	4216.500	48.53	-2.24	74.0	25.47	Peak	56.90	100	Horizontal	Pass
5**	4216.500	37.09	-2.24	54.0	16.91	AV	56.90	100	Horizontal	Pass
6	5114.000	51.56	0.40	74.0	22.44	Peak	90.40	100	Horizontal	Pass
6**	5114.000	41.48	0.40	54.0	12.52	AV	90.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.21.39

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

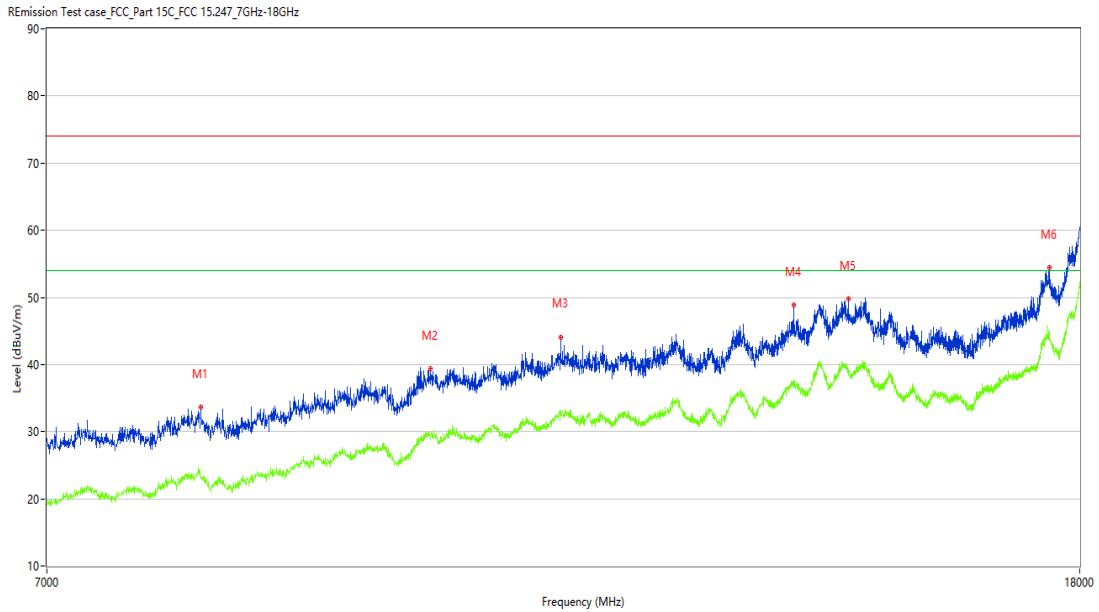
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8056.000	33.67	3.68	74.0	40.33	Peak	357.30	100	Horizontal	Pass
1**	8056.000	23.09	3.68	54.0	30.91	AV	357.30	100	Horizontal	Pass
2	9939.750	39.39	8.83	74.0	34.61	Peak	115.80	100	Horizontal	Pass
2**	9939.750	28.90	8.83	54.0	25.10	AV	115.80	100	Horizontal	Pass
3	11196.500	44.03	10.40	74.0	29.97	Peak	236.30	100	Horizontal	Pass
3**	11196.500	32.98	10.40	54.0	21.02	AV	236.30	100	Horizontal	Pass
4	13853.000	48.80	14.18	74.0	25.20	Peak	298.90	100	Horizontal	Pass
4**	13853.000	37.72	14.18	54.0	16.28	AV	298.90	100	Horizontal	Pass
5	14565.250	49.80	16.33	74.0	24.20	Peak	236.30	100	Horizontal	Pass
5**	14565.250	38.94	16.33	54.0	15.06	AV	236.30	100	Horizontal	Pass
6	17513.251	54.42	21.21	74.0	19.58	Peak	360.00	100	Horizontal	Pass
6**	17513.251	43.81	21.21	54.0	10.19	AV	360.00	100	Horizontal	Pass

BLE-2M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.05.24

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

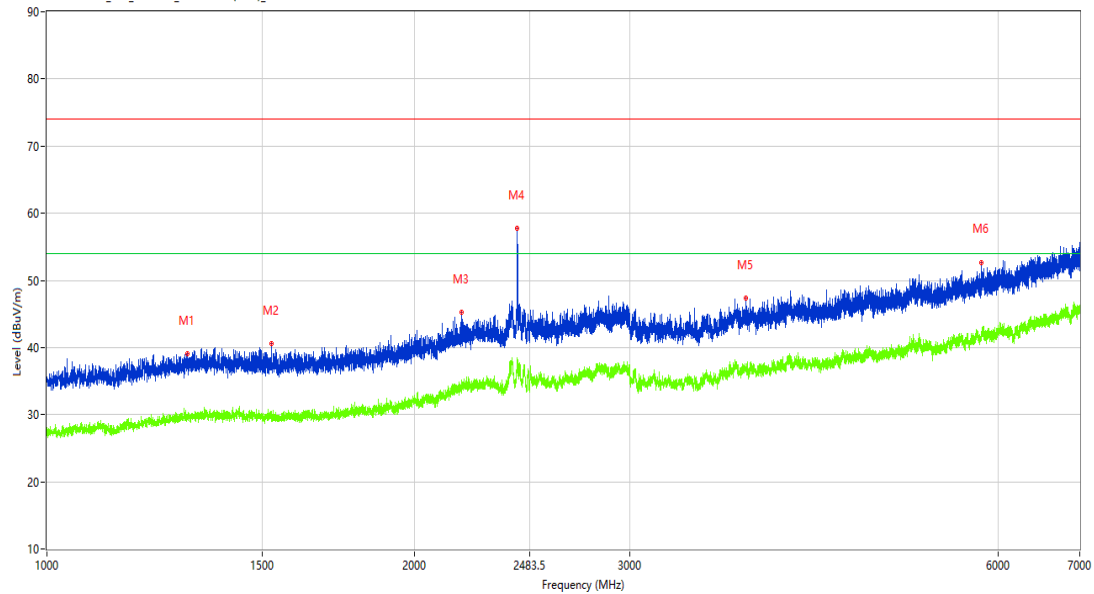
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1303.750	39.07	-12.87	74.0	34.93	Peak	278.80	123	Vertical	Pass
1**	1303.750	29.96	-12.87	54.0	24.04	AV	278.80	123	Vertical	Pass
2	1526.250	40.60	-13.02	74.0	33.40	Peak	202.90	123	Vertical	Pass
2**	1526.250	29.78	-13.02	54.0	24.22	AV	202.90	123	Vertical	Pass
3	2183.750	45.30	-8.20	74.0	28.70	Peak	188.00	123	Vertical	Pass
3**	2183.750	33.81	-8.20	54.0	20.19	AV	188.00	123	Vertical	Pass
4	2426.500	57.77	-5.19	74.0	16.23	Peak	294.80	123	Vertical	Pass
4**	2426.500	38.52	-5.19	54.0	15.48	AV	294.80	123	Vertical	Pass
5	3733.500	47.38	-2.66	74.0	26.62	Peak	73.30	123	Vertical	Pass
5**	3733.500	37.18	-2.66	54.0	16.82	AV	73.30	123	Vertical	Pass
6	5812.000	52.56	1.44	74.0	21.44	Peak	0.00	123	Vertical	Pass
6**	5812.000	41.48	1.44	54.0	12.52	AV	0.00	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.17.32

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

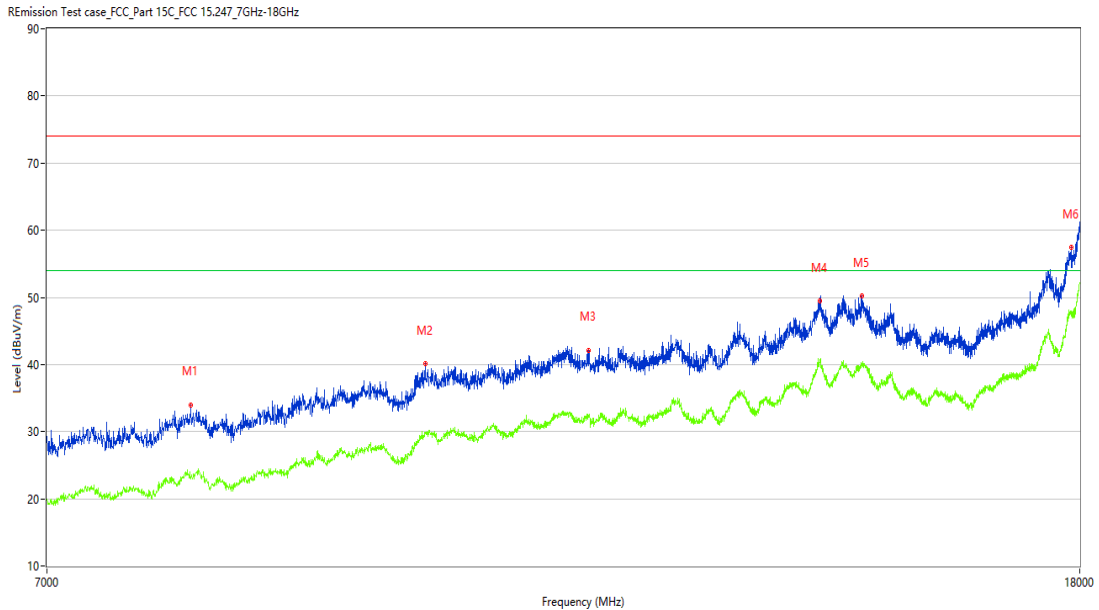
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7981.750	33.97	2.96	74.0	40.03	Peak	264.70	100	Vertical	Pass
1**	7981.750	23.28	2.96	54.0	30.72	AV	264.70	100	Vertical	Pass
2	9893.000	40.18	8.64	74.0	33.82	Peak	232.70	100	Vertical	Pass
2**	9893.000	29.85	8.64	54.0	24.15	AV	232.70	100	Vertical	Pass
3	11485.250	42.16	11.04	74.0	31.84	Peak	0.00	100	Vertical	Pass
3**	11485.250	31.62	11.04	54.0	22.38	AV	0.00	100	Vertical	Pass
4	14194.000	49.42	18.53	74.0	24.58	Peak	34.30	100	Vertical	Pass
4**	14194.000	40.73	18.53	54.0	13.27	AV	34.30	100	Vertical	Pass
5	14744.001	50.25	17.75	74.0	23.75	Peak	329.00	100	Vertical	Pass
5**	14744.001	40.05	17.75	54.0	13.95	AV	329.00	100	Vertical	Pass
6	17856.999	57.40	23.59	74.0	16.60	Peak	103.10	100	Vertical	Pass
6**	17856.999	47.32	23.59	54.0	6.68	AV	103.10	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_14.06.00

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

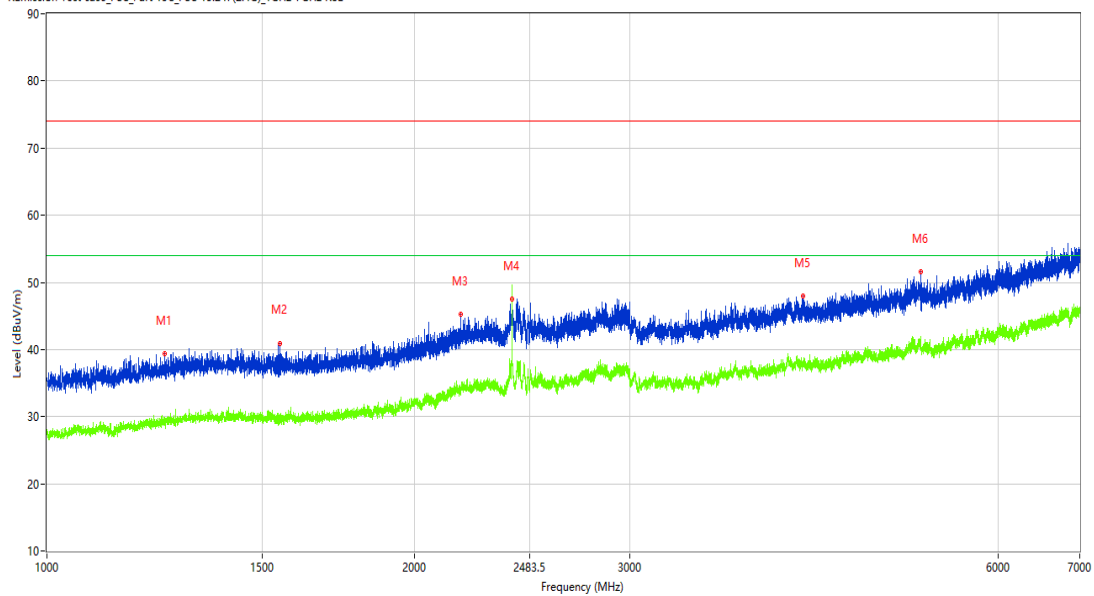
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1248.500	39.34	-13.37	74.0	34.66	Peak	268.00	100	Horizontal	Pass
1**	1248.500	29.74	-13.37	54.0	24.26	AV	268.00	100	Horizontal	Pass
2	1550.000	40.95	-13.16	74.0	33.05	Peak	128.50	100	Horizontal	Pass
2**	1550.000	29.77	-13.16	54.0	24.23	AV	128.50	100	Horizontal	Pass
3	2179.500	45.24	-8.31	74.0	28.76	Peak	110.20	100	Horizontal	Pass
3**	2179.500	34.26	-8.31	54.0	19.74	AV	110.20	100	Horizontal	Pass
4	2403.000	47.48	-4.73	74.0	26.52	Peak	284.40	100	Horizontal	Pass
4**	2403.000	43.49	-4.73	54.0	10.51	AV	284.40	100	Horizontal	Pass
5	4156.000	47.95	-2.06	74.0	26.05	Peak	40.10	100	Horizontal	Pass
5**	4156.000	37.22	-2.06	54.0	16.78	AV	40.10	100	Horizontal	Pass
6	5185.000	51.56	0.25	74.0	22.44	Peak	161.80	100	Horizontal	Pass
6**	5185.000	40.77	0.25	54.0	13.23	AV	161.80	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.22.43

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

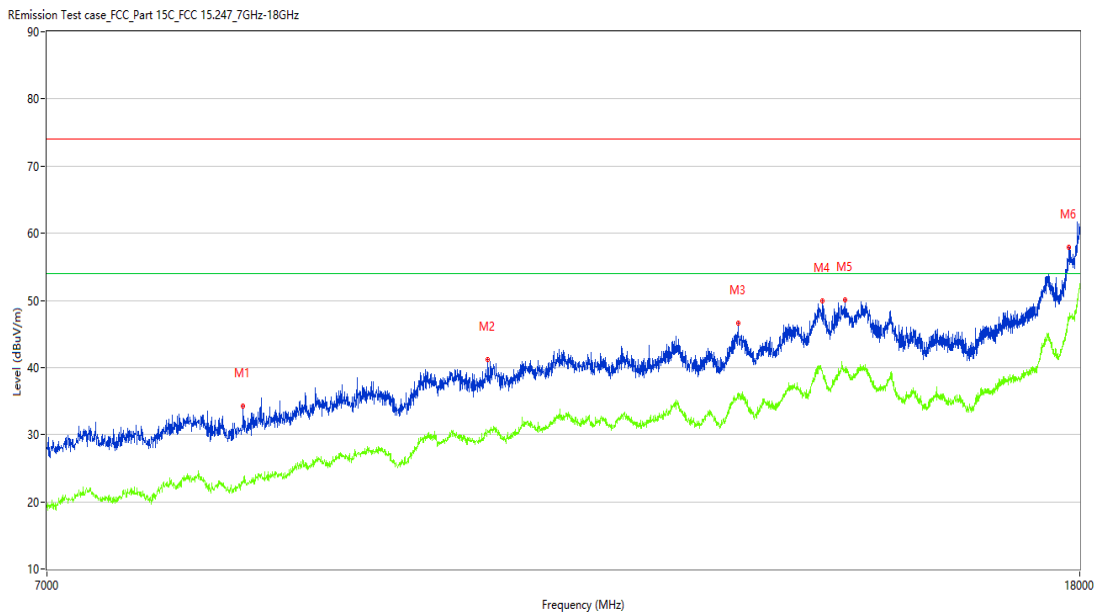
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8375.000	34.27	3.04	74.0	39.73	Peak	360.00	100	Horizontal	Pass
1**	8375.000	22.81	3.04	54.0	31.19	AV	360.00	100	Horizontal	Pass
2	10476.000	41.23	8.98	74.0	32.77	Peak	0.00	100	Horizontal	Pass
2**	10476.000	30.30	8.98	54.0	23.70	AV	0.00	100	Horizontal	Pass
3	13168.250	46.65	13.14	74.0	27.35	Peak	172.70	100	Horizontal	Pass
3**	13168.250	35.55	13.14	54.0	18.45	AV	172.70	100	Horizontal	Pass
4	14229.750	49.86	17.79	74.0	24.14	Peak	0.00	100	Horizontal	Pass
4**	14229.750	39.04	17.79	54.0	14.96	AV	0.00	100	Horizontal	Pass
5	14524.000	50.12	16.62	74.0	23.88	Peak	172.70	100	Horizontal	Pass
5**	14524.000	39.74	16.62	54.0	14.26	AV	172.70	100	Horizontal	Pass
6	17824.000	57.94	23.10	74.0	16.06	Peak	143.00	100	Horizontal	Pass
6**	17824.000	47.46	23.10	54.0	6.54	AV	143.00	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-12-23_15.07.25

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

Work Addition: TX

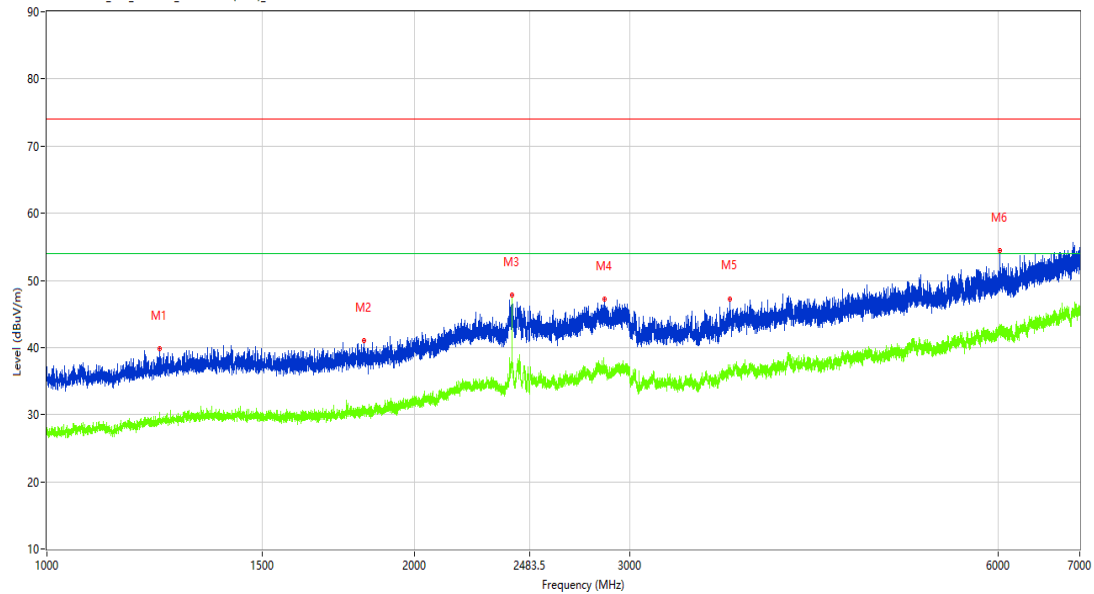
Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1235.750	39.77	-13.44	74.0	34.23	Peak	228.60	123	Vertical	Pass
1**	1235.750	28.77	-13.44	54.0	25.23	AV	228.60	123	Vertical	Pass
2	1818.250	41.07	-12.19	74.0	32.93	Peak	211.10	123	Vertical	Pass
2**	1818.250	30.11	-12.19	54.0	23.89	AV	211.10	123	Vertical	Pass
3	2401.000	47.77	-4.69	74.0	26.23	Peak	119.90	123	Vertical	Pass
3**	2401.000	37.81	-4.69	54.0	16.19	AV	119.90	123	Vertical	Pass
4	2861.250	47.14	-4.19	74.0	26.86	Peak	0.10	123	Vertical	Pass
4**	2861.250	37.13	-4.19	54.0	16.87	AV	0.10	123	Vertical	Pass
5	3621.500	47.28	-2.31	74.0	26.72	Peak	42.40	123	Vertical	Pass
5**	3621.500	35.92	-2.31	54.0	18.08	AV	42.40	123	Vertical	Pass
6	6018.000	54.40	1.89	74.0	19.60	Peak	72.50	123	Vertical	Pass
6**	6018.000	43.05	1.89	54.0	10.95	AV	72.50	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_15.19.02

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

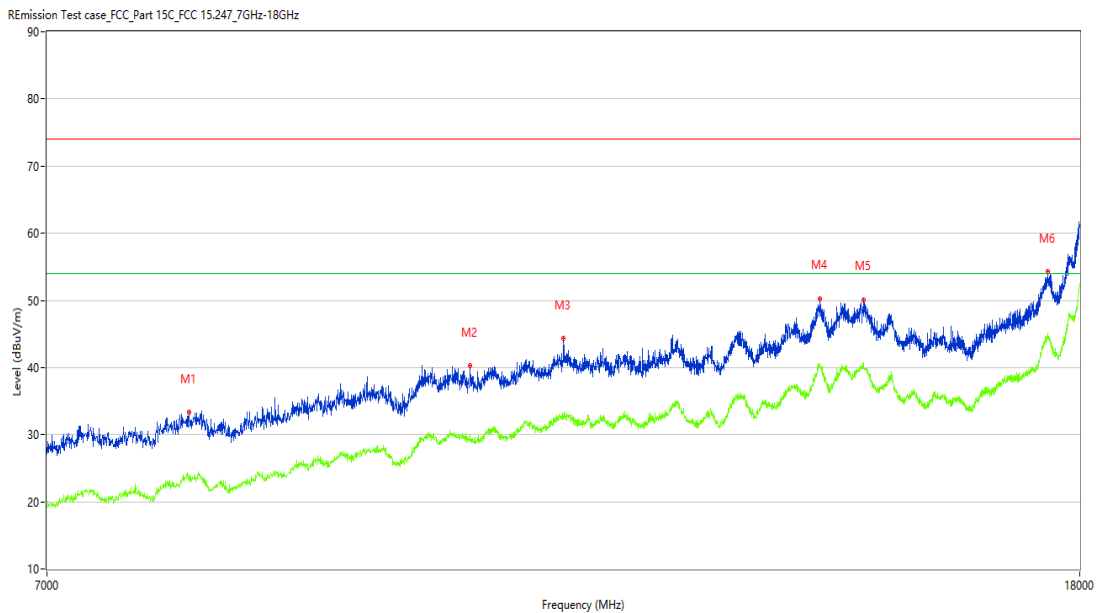
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7970.750	33.38	2.86	74.0	40.62	Peak	360.00	100	Vertical	Pass
1**	7970.750	22.70	2.86	54.0	31.30	AV	360.00	100	Vertical	Pass
2	10308.250	40.28	8.34	74.0	33.72	Peak	357.00	100	Vertical	Pass
2**	10308.250	29.96	8.34	54.0	24.04	AV	357.00	100	Vertical	Pass
3	11226.750	44.32	10.74	74.0	29.68	Peak	360.00	100	Vertical	Pass
3**	11226.750	32.36	10.74	54.0	21.64	AV	360.00	100	Vertical	Pass
4	14191.250	50.28	18.59	74.0	23.72	Peak	357.00	100	Vertical	Pass
4**	14191.250	40.36	18.59	54.0	13.64	AV	357.00	100	Vertical	Pass
5	14768.750	50.01	17.92	74.0	23.99	Peak	328.70	100	Vertical	Pass
5**	14768.750	40.31	17.92	54.0	13.69	AV	328.70	100	Vertical	Pass
6	17480.249	54.24	21.63	74.0	19.76	Peak	186.50	100	Vertical	Pass
6**	17480.249	44.46	21.63	54.0	9.54	AV	186.50	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_14.09.28

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

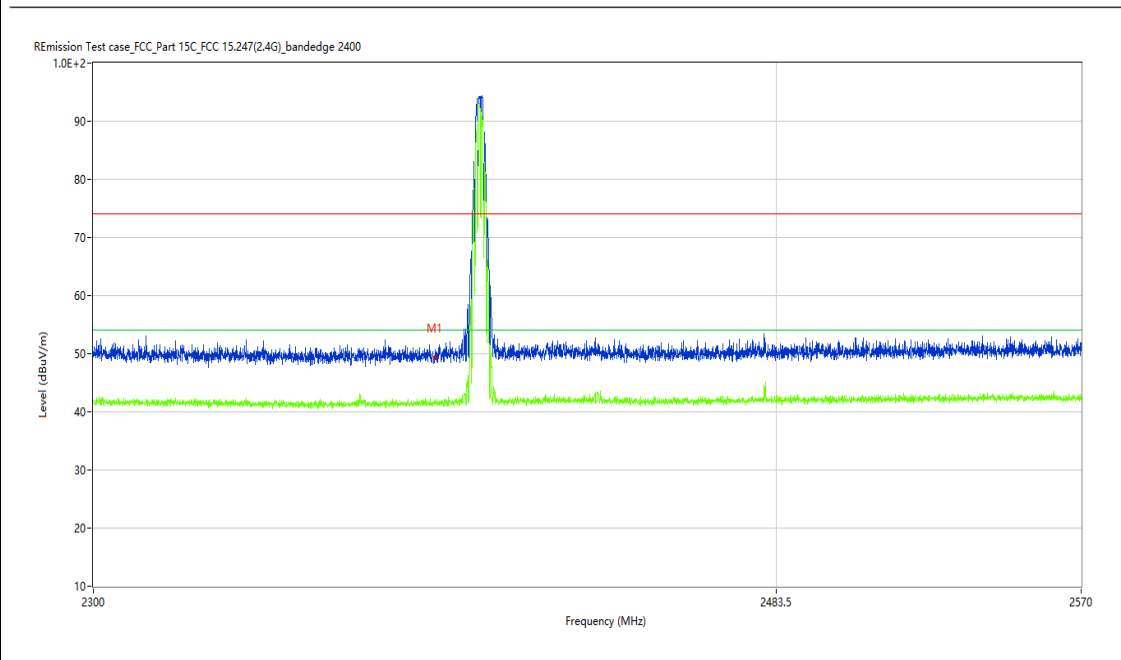
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.41	-10.27	74.0	24.59	Peak	290.70	100	Horizontal	Pass
1**	2390.000	41.65	-10.27	54.0	12.35	AV	290.70	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_14.52.20

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

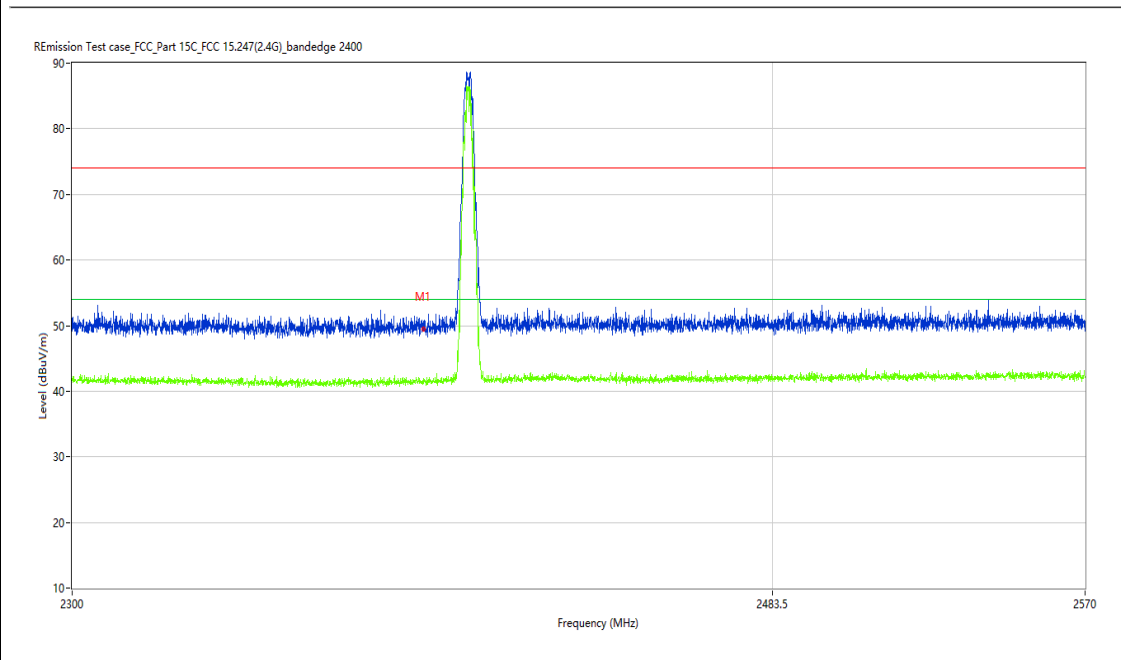
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	49.44	-10.27	74.0	24.56	Peak	250.28	123	Vertical	Pass
1**	2390.000	41.15	-10.27	54.0	12.85	AV	250.28	123	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-12-23_14.07.47

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

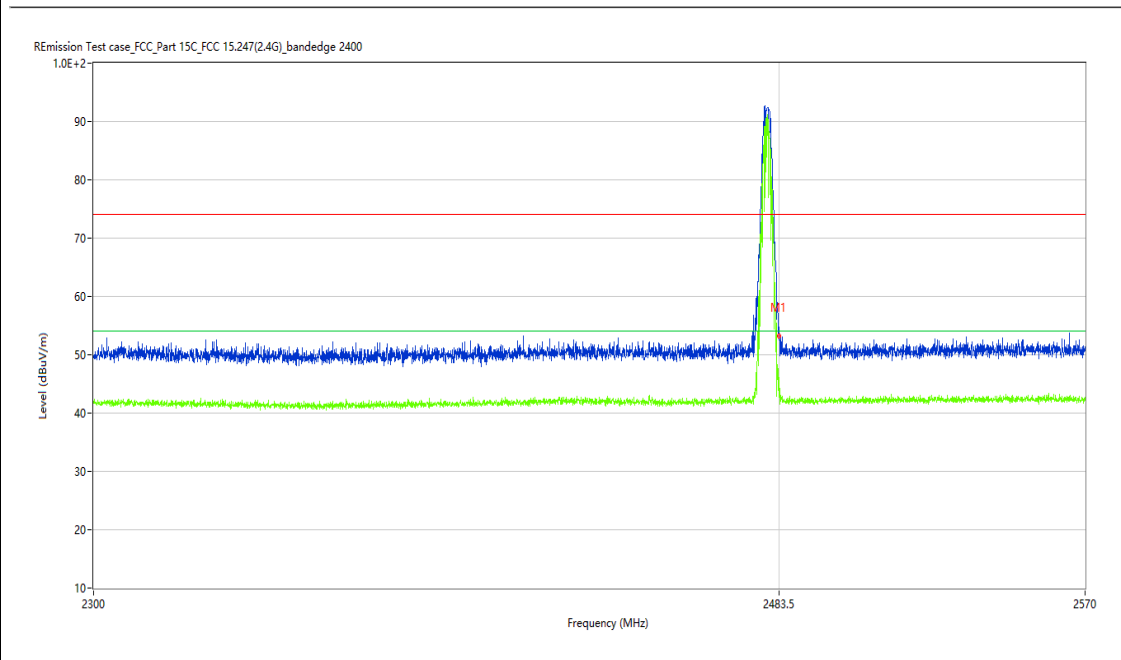
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.83	-9.82	74.0	21.17	Peak	42.10	100	Horizontal	Pass
1**	2483.500	44.85	-9.82	54.0	9.15	AV	42.10	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2023-12-23_14.50.35

EUT Name: BLE Module

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC CFR47 Part 15, Subpart C

Model: N.A

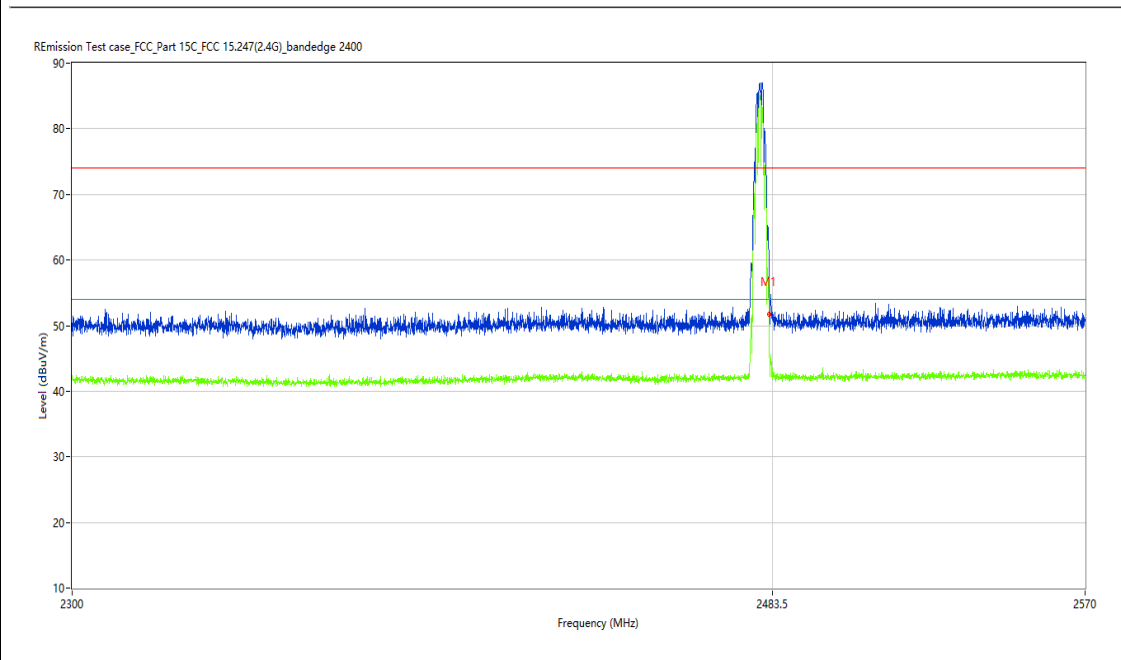
Work Addition: TX

Temp.(oC): 20.5

Load: full load

Hum.: 45%RH

Remark: DR-RSE01-E23120009-01#03



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.51	-9.82	74.0	22.49	Peak	236.94	123	Vertical	Pass
1**	2483.500	42.36	-9.82	54.0	11.64	AV	236.94	123	Vertical	Pass