

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

USB Input:

BLE-1M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_11.07.30

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

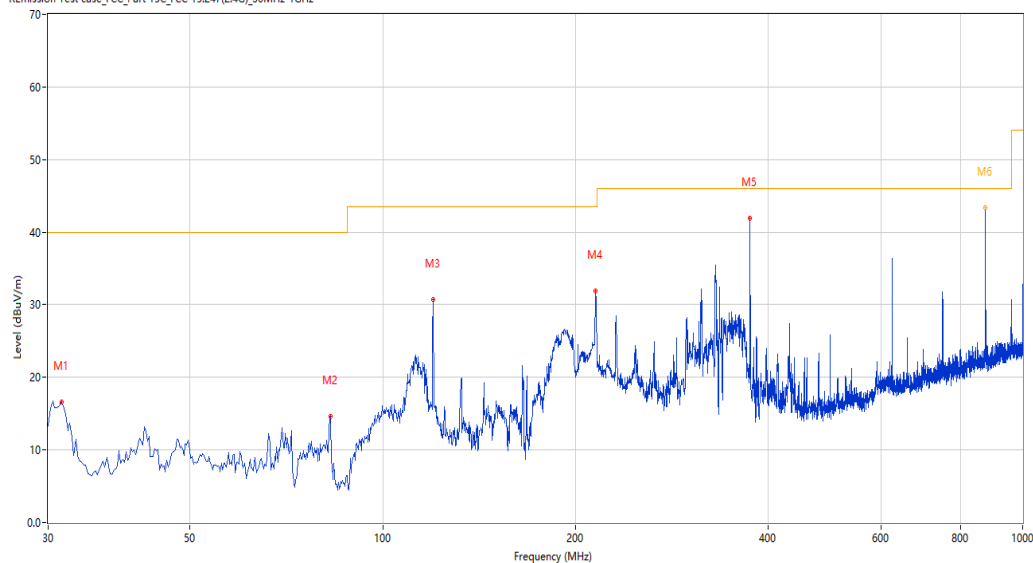
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	16.56	-28.26	40.0	23.44	Peak	319.70	100	Horizontal	Pass
2	82.852	14.59	-30.21	40.0	25.41	Peak	0.20	100	Horizontal	Pass
3	119.945	30.74	-27.36	43.5	12.76	Peak	332.40	100	Horizontal	Pass
4	214.739	31.88	-25.50	43.5	11.62	Peak	345.00	100	Horizontal	Pass
5	374.991	41.87	-20.63	46.0	4.13	Peak	154.80	100	Horizontal	Pass
6	875.005	45.46	-9.44	46.0	0.54	Peak	229.90	100	Horizontal	Pass
6*	875.005	43.36	-9.44	46.0	2.64	QP	229.90	100	Horizontal	Pass

BLE-1M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_11.17.30

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

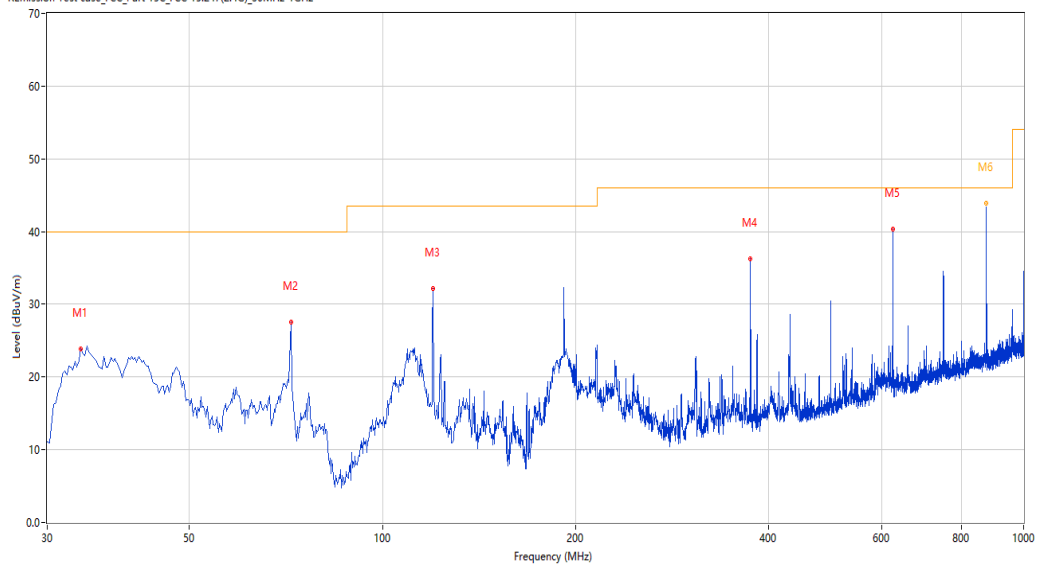
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	33.879	23.81	-27.40	40.0	16.19	Peak	86.80	100	Vertical	Pass
2	71.942	27.51	-29.48	40.0	12.49	Peak	86.80	100	Vertical	Pass
3	119.945	32.21	-27.36	43.5	11.29	Peak	232.80	100	Vertical	Pass
4	374.991	36.20	-20.63	46.0	9.80	Peak	316.20	100	Vertical	Pass
5	624.946	40.12	-14.10	46.0	5.88	Peak	352.10	100	Vertical	Pass
6	875.005	45.76	-9.44	46.0	0.24	Peak	151.90	118	Vertical	Pass
6*	875.005	43.93	-9.44	46.0	2.07	QP	151.90	118	Vertical	Pass

POE Input:

BLE-1M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_13.36.16

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

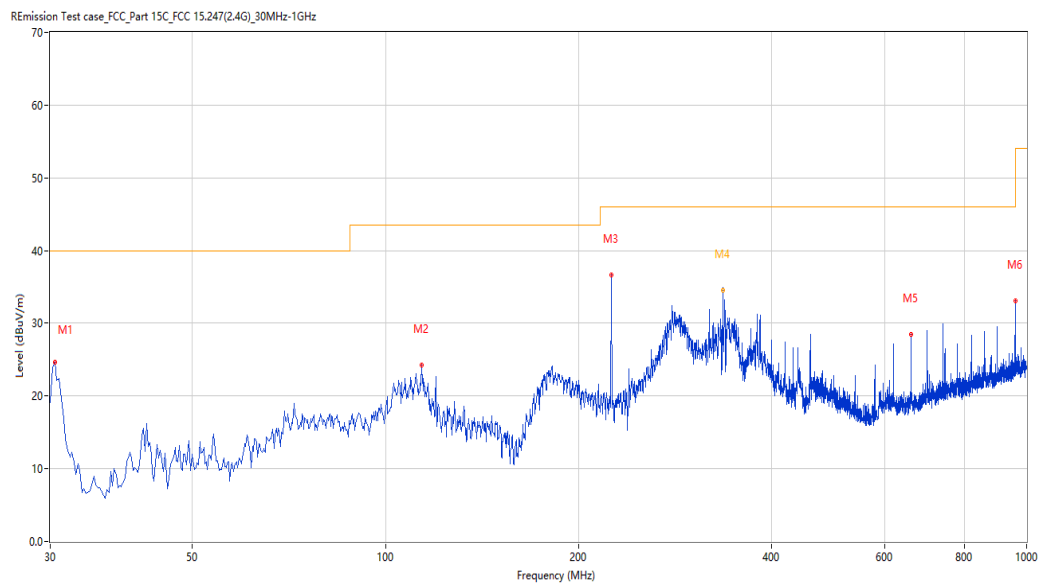
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	24.64	-28.57	40.0	15.36	Peak	350.10	100	Horizontal	Pass
2	113.884	24.26	-26.41	43.5	19.24	Peak	135.80	100	Horizontal	Pass
3	224.921	36.60	-24.85	46.0	9.40	Peak	226.00	100	Horizontal	Pass
4	336.000	37.07	-20.79	46.0	8.93	Peak	344.90	100	Horizontal	Pass
4*	336.000	34.59	-20.79	46.0	11.41	QP	344.90	100	Horizontal	Pass
5	659.858	28.46	-13.84	46.0	17.54	Peak	288.10	100	Horizontal	Pass
6	959.513	33.04	-7.59	46.0	12.96	Peak	24.90	100	Horizontal	Pass

BLE-1M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_11.30.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

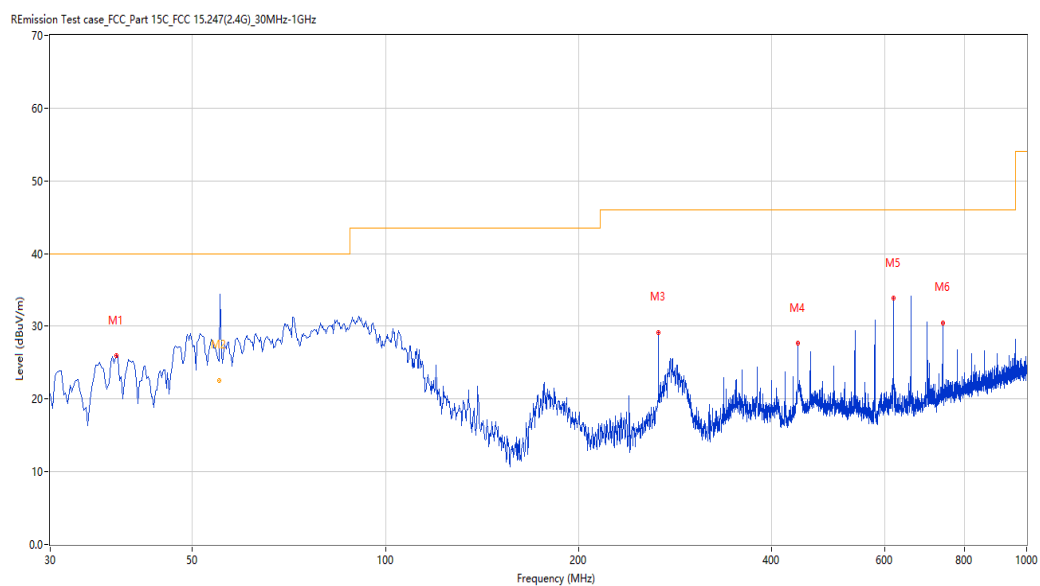
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.001	25.90	-26.11	40.0	14.10	Peak	176.20	100	Vertical	Pass
2	55.107	25.26	-24.46	40.0	14.74	Peak	34.20	102	Vertical	Pass
2*	55.107	22.55	-24.46	40.0	17.45	QP	34.20	102	Vertical	Pass
3	266.378	29.12	-23.53	46.0	16.88	Peak	43.40	100	Vertical	Pass
4	439.965	27.62	-18.78	46.0	18.38	Peak	356.60	100	Vertical	Pass
5	619.855	33.84	-13.59	46.0	12.16	Peak	32.30	100	Vertical	Pass
6	739.863	30.50	-12.06	46.0	15.50	Peak	97.50	100	Vertical	Pass

1-18G

BLE-1M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.41.45

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

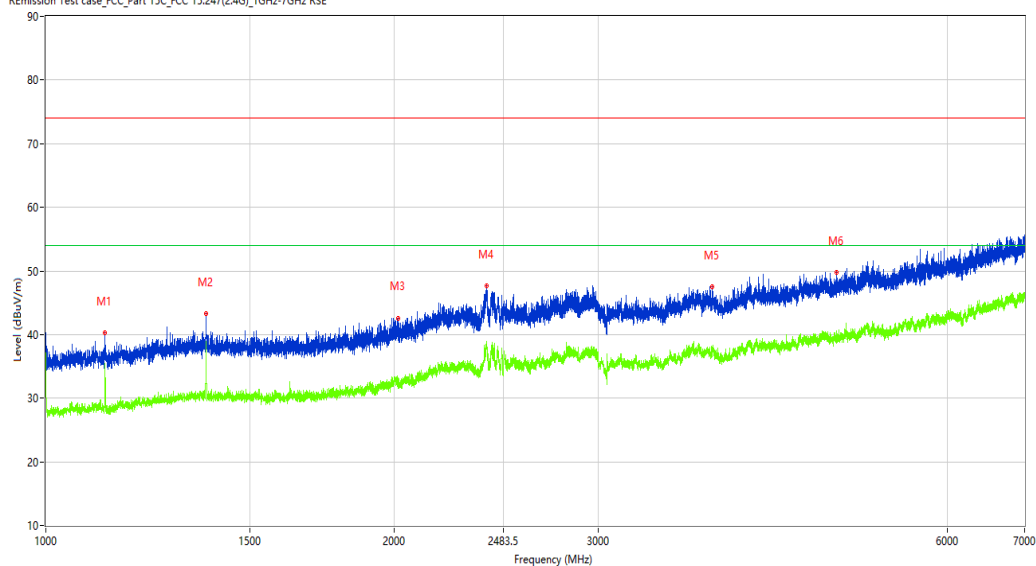
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1124.750	40.24	-14.27	74.0	33.76	Peak	309.90	100	Horizontal	Pass
1**	1124.750	35.51	-14.27	54.0	18.49	AV	309.90	100	Horizontal	Pass
2	1375.000	43.31	-12.81	74.0	30.69	Peak	228.80	100	Horizontal	Pass
2**	1375.000	38.95	-12.81	54.0	15.05	AV	228.80	100	Horizontal	Pass
3	2016.000	42.59	-10.76	74.0	31.41	Peak	199.70	100	Horizontal	Pass
3**	2016.000	32.03	-10.76	54.0	21.97	AV	199.70	100	Horizontal	Pass
4	2400.250	47.61	-4.67	74.0	26.39	Peak	0.00	100	Horizontal	Pass
4**	2400.250	38.63	-4.67	54.0	15.37	AV	0.00	100	Horizontal	Pass
5	3763.000	47.51	-2.50	74.0	26.49	Peak	171.30	100	Horizontal	Pass
5**	3763.000	37.17	-2.50	54.0	16.83	AV	171.30	100	Horizontal	Pass
6	4816.000	49.80	-1.30	74.0	24.20	Peak	359.60	100	Horizontal	Pass
6**	4816.000	38.87	-1.30	54.0	15.13	AV	359.60	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.20.47

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

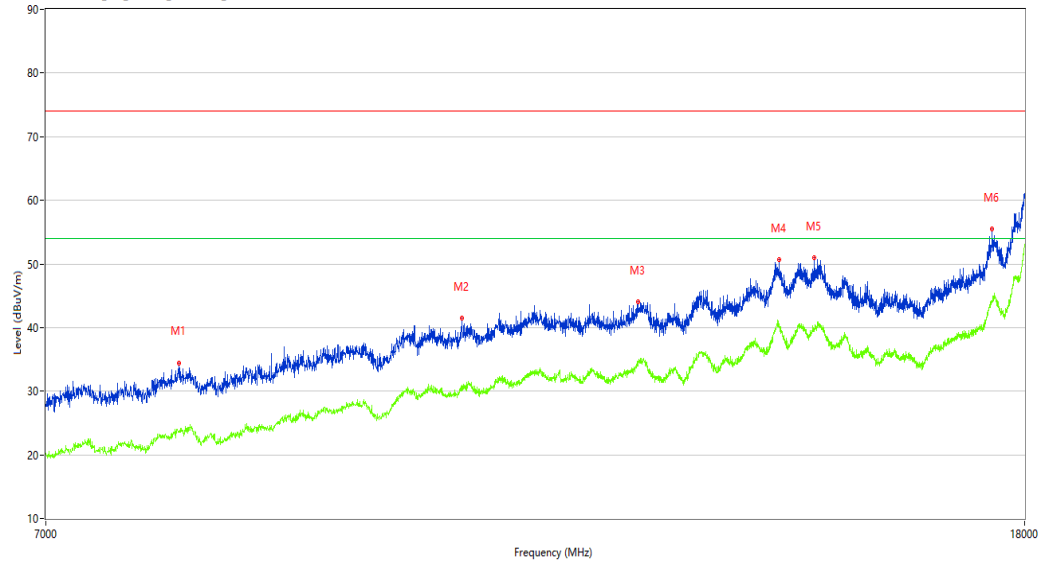
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7957.000	34.47	2.75	74.0	39.53	Peak	48.90	100	Horizontal	Pass
1**	7957.000	23.76	2.75	54.0	30.24	AV	48.90	100	Horizontal	Pass
2	10456.750	41.51	8.77	74.0	32.49	Peak	75.50	100	Horizontal	Pass
2**	10456.750	30.89	8.77	54.0	23.11	AV	75.50	100	Horizontal	Pass
3	12392.750	44.00	11.76	74.0	30.00	Peak	1.30	100	Horizontal	Pass
3**	12392.750	34.02	11.76	54.0	19.98	AV	1.30	100	Horizontal	Pass
4	14205.000	50.65	18.30	74.0	23.35	Peak	270.10	100	Horizontal	Pass
4**	14205.000	40.48	18.30	54.0	13.52	AV	270.10	100	Horizontal	Pass
5	14697.250	50.96	17.21	74.0	23.04	Peak	176.80	100	Horizontal	Pass
5**	14697.250	39.83	17.21	54.0	14.17	AV	176.80	100	Horizontal	Pass
6	17439.001	55.44	20.70	74.0	18.56	Peak	176.80	100	Horizontal	Pass
6**	17439.001	43.94	20.70	54.0	10.06	AV	176.80	100	Horizontal	Pass

BLE-1M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.34.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

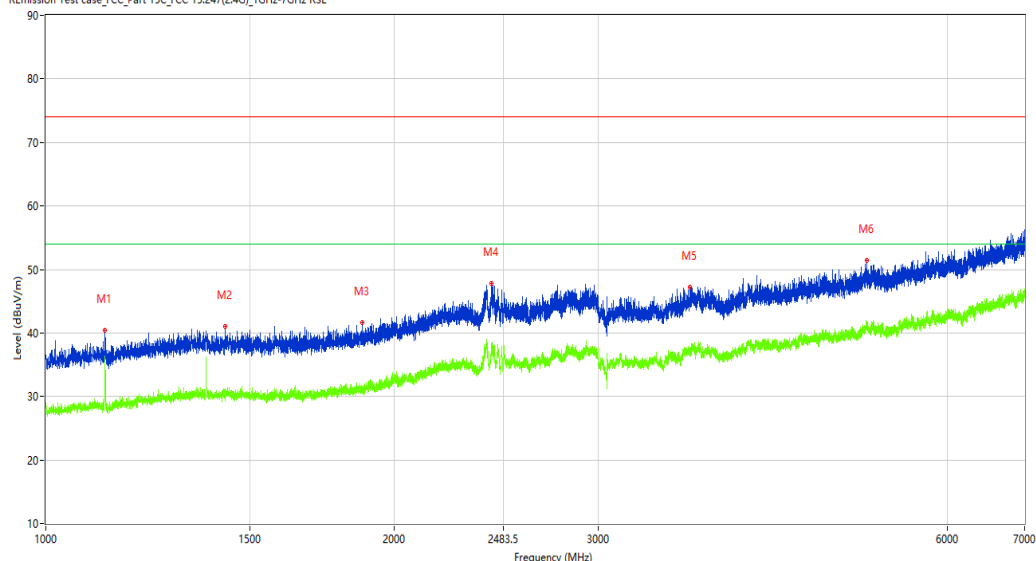
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1124.750	40.37	-14.27	74.0	33.63	Peak	218.10	100	Vertical	Pass
1**	1124.750	36.30	-14.27	54.0	17.70	AV	218.10	100	Vertical	Pass
2	1429.250	41.05	-12.57	74.0	32.95	Peak	360.00	100	Vertical	Pass
2**	1429.250	30.89	-12.57	54.0	23.11	AV	360.00	100	Vertical	Pass
3	1874.500	41.63	-11.91	74.0	32.37	Peak	25.60	100	Vertical	Pass
3**	1874.500	31.65	-11.91	54.0	22.35	AV	25.60	100	Vertical	Pass
4	2426.000	47.85	-5.18	74.0	26.15	Peak	232.90	100	Vertical	Pass
4**	2426.000	37.68	-5.18	54.0	16.32	AV	232.90	100	Vertical	Pass
5	3598.000	47.18	-2.86	74.0	26.82	Peak	71.80	100	Vertical	Pass
5**	3598.000	36.76	-2.86	54.0	17.24	AV	71.80	100	Vertical	Pass
6	5111.000	51.37	0.40	74.0	22.63	Peak	99.00	100	Vertical	Pass
6**	5111.000	40.89	0.40	54.0	13.11	AV	99.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.15.27

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

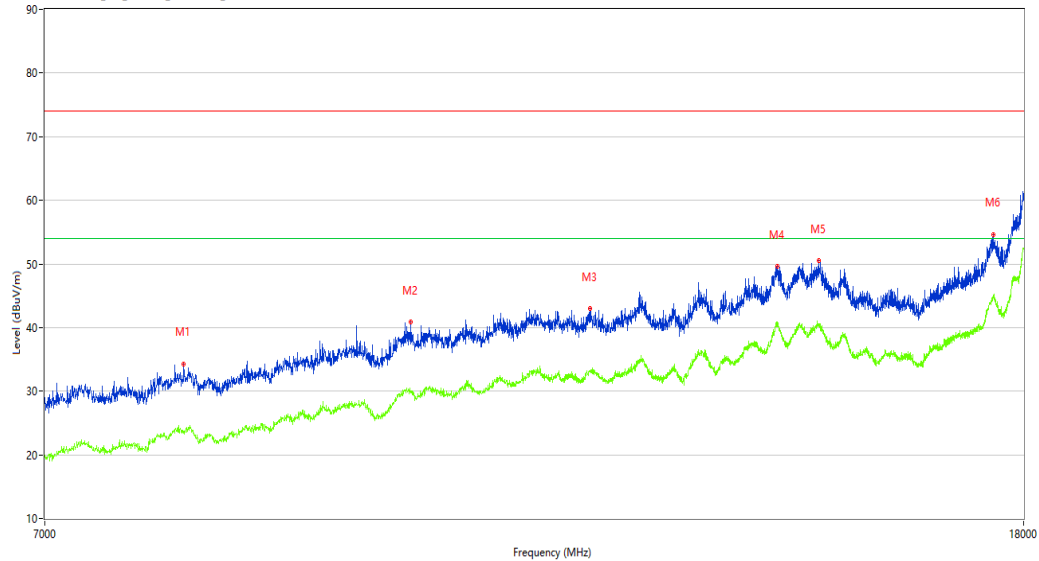
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8003.750	34.32	3.17	74.0	39.68	Peak	0.00	100	Vertical	Pass
1**	8003.750	23.45	3.17	54.0	30.55	AV	0.00	100	Vertical	Pass
2	9964.500	40.89	8.65	74.0	33.11	Peak	29.10	100	Vertical	Pass
2**	9964.500	29.77	8.65	54.0	24.23	AV	29.10	100	Vertical	Pass
3	11845.500	43.02	11.11	74.0	30.98	Peak	187.30	100	Vertical	Pass
3**	11845.500	33.01	11.11	54.0	20.99	AV	187.30	100	Vertical	Pass
4	14188.500	49.57	18.65	74.0	24.43	Peak	338.10	100	Vertical	Pass
4**	14188.500	40.89	18.65	54.0	13.11	AV	338.10	100	Vertical	Pass
5	14766.000	50.51	17.95	74.0	23.49	Peak	261.80	100	Vertical	Pass
5**	14766.000	40.55	17.95	54.0	13.45	AV	261.80	100	Vertical	Pass
6	17477.501	54.54	21.57	74.0	19.46	Peak	83.50	100	Vertical	Pass
6**	17477.501	45.10	21.57	54.0	8.90	AV	83.50	100	Vertical	Pass

BLE-1M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.45.04

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

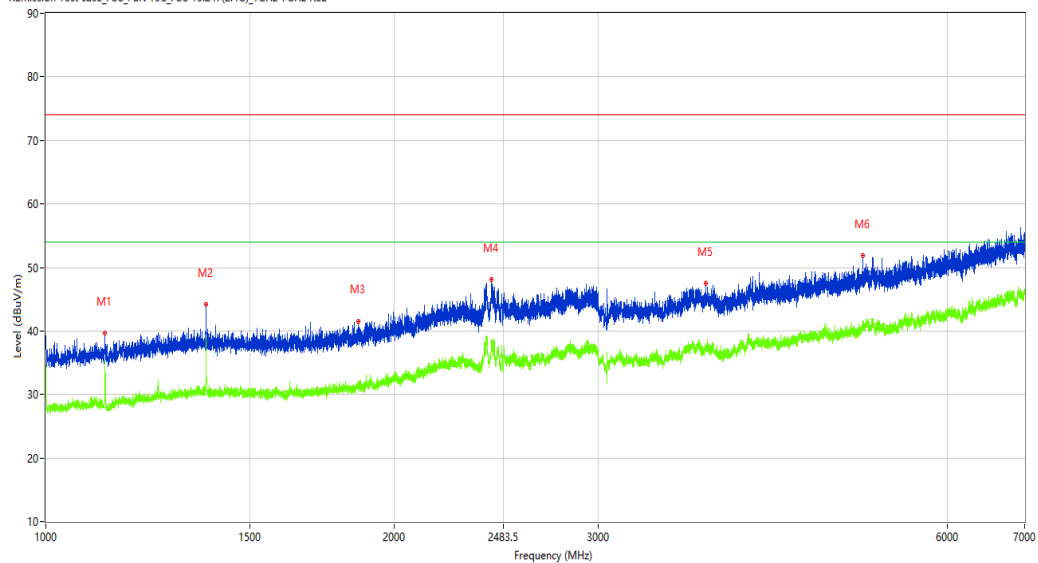
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1125.000	39.73	-14.28	74.0	34.27	Peak	35.10	100	Horizontal	Pass
1**	1125.000	35.19	-14.28	54.0	18.81	AV	35.10	100	Horizontal	Pass
2	1375.250	44.21	-12.81	74.0	29.79	Peak	229.20	100	Horizontal	Pass
2**	1375.250	37.92	-12.81	54.0	16.08	AV	229.20	100	Horizontal	Pass
3	1861.250	41.55	-12.07	74.0	32.45	Peak	49.00	100	Horizontal	Pass
3**	1861.250	31.85	-12.07	54.0	22.15	AV	49.00	100	Horizontal	Pass
4	2426.750	48.13	-5.20	74.0	25.87	Peak	267.80	100	Horizontal	Pass
4**	2426.750	38.84	-5.20	54.0	15.16	AV	267.80	100	Horizontal	Pass
5	3714.500	47.46	-2.70	74.0	26.54	Peak	33.60	100	Horizontal	Pass
5**	3714.500	37.31	-2.70	54.0	16.69	AV	33.60	100	Horizontal	Pass
6	5074.000	51.89	0.06	74.0	22.11	Peak	126.50	100	Horizontal	Pass
6**	5074.000	41.31	0.06	54.0	12.69	AV	126.50	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.22.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

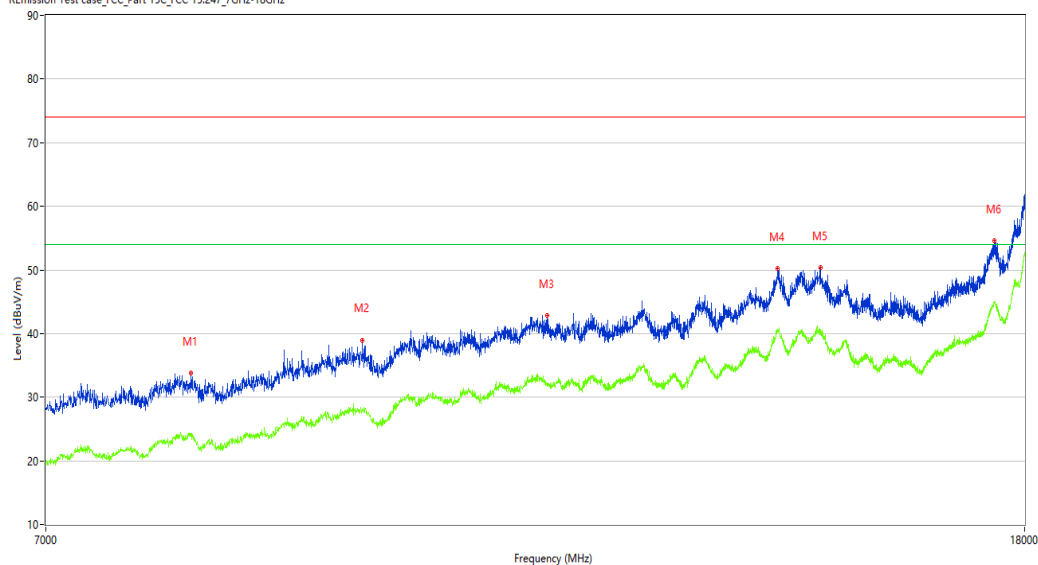
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8050.500	33.76	3.79	74.0	40.24	Peak	315.20	100	Horizontal	Pass
1**	8050.500	24.25	3.79	54.0	29.75	AV	315.20	100	Horizontal	Pass
2	9499.750	38.98	7.02	74.0	35.02	Peak	356.30	100	Horizontal	Pass
2**	9499.750	27.78	7.02	54.0	26.22	AV	356.30	100	Horizontal	Pass
3	11356.000	42.84	11.02	74.0	31.16	Peak	0.00	100	Horizontal	Pass
3**	11356.000	31.70	11.02	54.0	22.30	AV	0.00	100	Horizontal	Pass
4	14183.000	50.21	18.50	74.0	23.79	Peak	263.60	100	Horizontal	Pass
4**	14183.000	40.66	18.50	54.0	13.34	AV	263.60	100	Horizontal	Pass
5	14785.250	50.39	17.68	74.0	23.61	Peak	0.00	100	Horizontal	Pass
5**	14785.250	40.60	17.68	54.0	13.40	AV	0.00	100	Horizontal	Pass
6	17483.000	54.59	21.70	74.0	19.41	Peak	211.40	100	Horizontal	Pass
6**	17483.000	44.85	21.70	54.0	9.15	AV	211.40	100	Horizontal	Pass

BLE-1M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.32.03

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

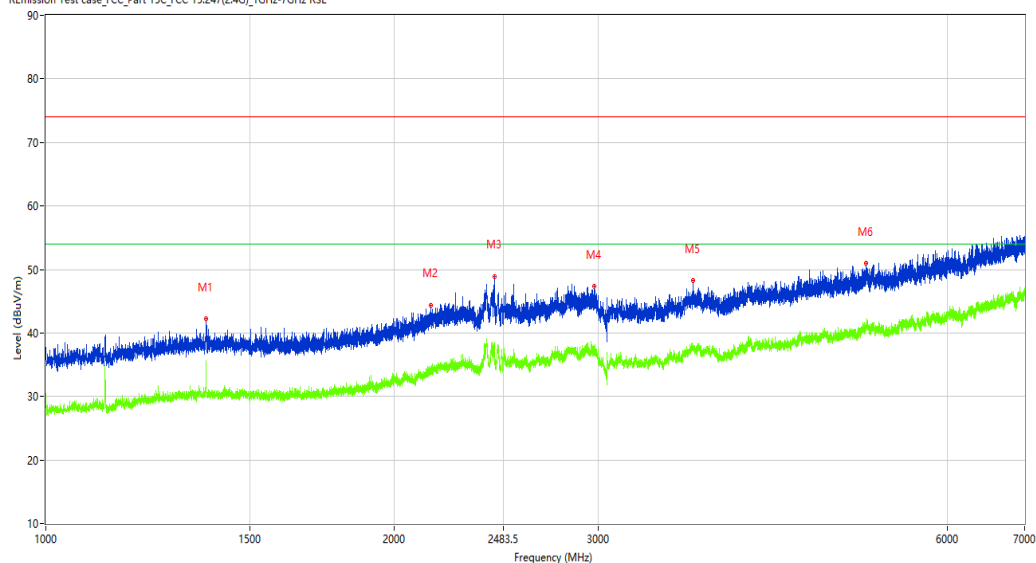
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1374.500	42.24	-12.80	74.0	31.76	Peak	199.20	100	Vertical	Pass
1**	1374.500	33.76	-12.80	54.0	20.24	AV	199.20	100	Vertical	Pass
2	2148.500	44.41	-8.94	74.0	29.59	Peak	251.10	100	Vertical	Pass
2**	2148.500	34.07	-8.94	54.0	19.93	AV	251.10	100	Vertical	Pass
3	2439.500	48.94	-5.46	74.0	25.06	Peak	70.50	100	Vertical	Pass
3**	2439.500	38.02	-5.46	54.0	15.98	AV	70.50	100	Vertical	Pass
4	2973.500	47.38	-3.69	74.0	26.62	Peak	251.10	100	Vertical	Pass
4**	2973.500	36.86	-3.69	54.0	17.14	AV	251.10	100	Vertical	Pass
5	3620.500	48.19	-2.33	74.0	25.81	Peak	304.10	100	Vertical	Pass
5**	3620.500	37.97	-2.33	54.0	16.03	AV	304.10	100	Vertical	Pass
6	5110.500	50.96	0.40	74.0	23.04	Peak	173.50	100	Vertical	Pass
6**	5110.500	41.34	0.40	54.0	12.66	AV	173.50	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.17.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

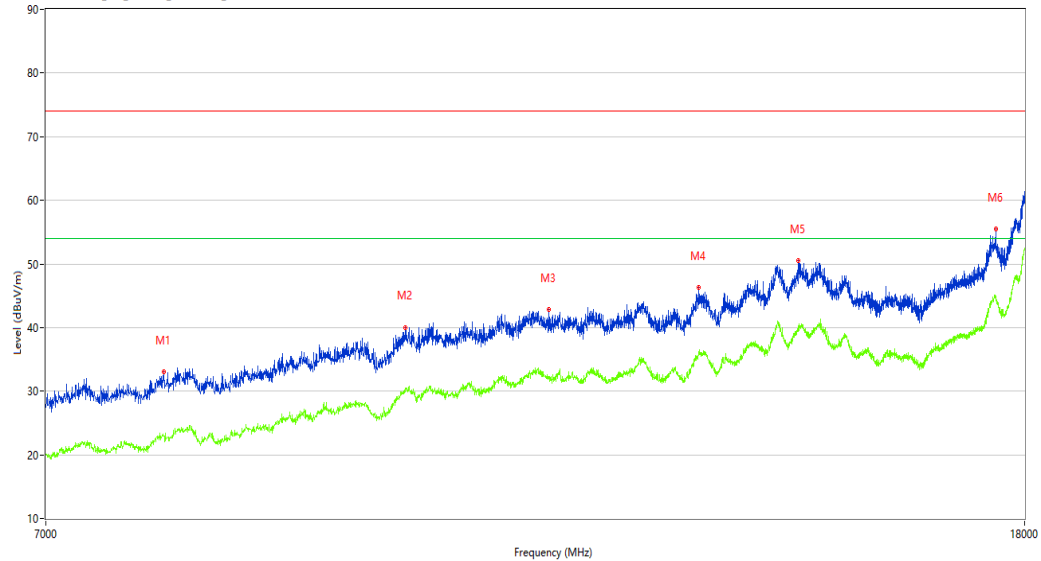
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7841.500	33.08	1.85	74.0	40.92	Peak	270.20	100	Vertical	Pass
1**	7841.500	22.91	1.85	54.0	31.09	AV	270.20	100	Vertical	Pass
2	9904.000	40.05	8.81	74.0	33.95	Peak	8.80	100	Vertical	Pass
2**	9904.000	30.48	8.81	54.0	23.52	AV	8.80	100	Vertical	Pass
3	11375.250	42.84	10.87	74.0	31.16	Peak	72.20	100	Vertical	Pass
3**	11375.250	32.37	10.87	54.0	21.63	AV	72.20	100	Vertical	Pass
4	13146.250	46.33	13.09	74.0	27.67	Peak	320.40	100	Vertical	Pass
4**	13146.250	36.01	13.09	54.0	17.99	AV	320.40	100	Vertical	Pass
5	14471.750	50.51	17.07	74.0	23.49	Peak	270.20	100	Vertical	Pass
5**	14471.750	40.31	17.07	54.0	13.69	AV	270.20	100	Vertical	Pass
6	17504.999	55.50	21.37	74.0	18.50	Peak	72.20	100	Vertical	Pass
6**	17504.999	45.02	21.37	54.0	8.98	AV	72.20	100	Vertical	Pass

BLE-1M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.47.20

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

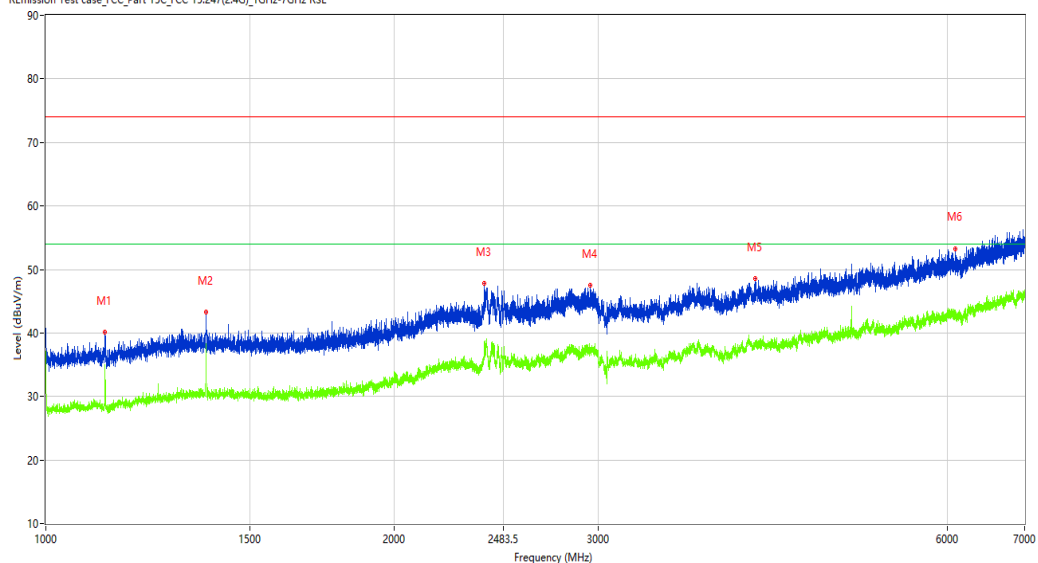
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1125.000	40.21	-14.28	74.0	33.79	Peak	227.10	100	Horizontal	Pass
1**	1125.000	34.90	-14.28	54.0	19.10	AV	227.10	100	Horizontal	Pass
2	1374.500	43.32	-12.80	74.0	30.68	Peak	227.10	100	Horizontal	Pass
2**	1374.500	36.48	-12.80	54.0	17.52	AV	227.10	100	Horizontal	Pass
3	2392.000	47.80	-4.45	74.0	26.20	Peak	118.40	100	Horizontal	Pass
3**	2392.000	38.23	-4.45	54.0	15.77	AV	118.40	100	Horizontal	Pass
4	2952.500	47.46	-3.97	74.0	26.54	Peak	10.60	100	Horizontal	Pass
4**	2952.500	36.87	-3.97	54.0	17.13	AV	10.60	100	Horizontal	Pass
5	4095.500	48.61	-1.43	74.0	25.39	Peak	359.40	100	Horizontal	Pass
5**	4095.500	37.85	-1.43	54.0	16.15	AV	359.40	100	Horizontal	Pass
6	6100.000	53.30	1.72	74.0	20.70	Peak	278.80	100	Horizontal	Pass
6**	6100.000	42.93	1.72	54.0	11.07	AV	278.80	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.24.10

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

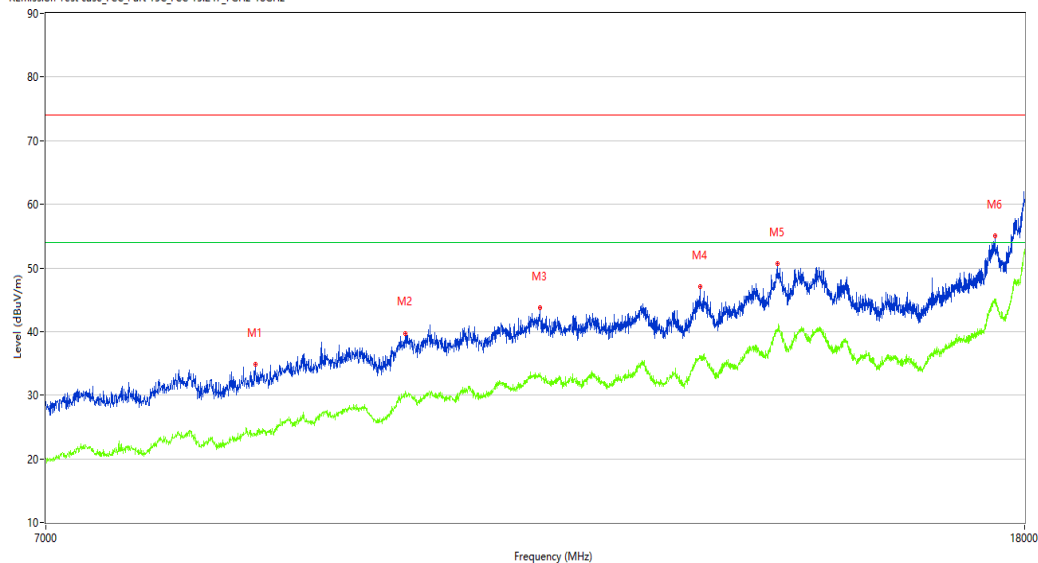
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8567.500	34.87	3.15	74.0	39.13	Peak	125.80	100	Horizontal	Pass
1**	8567.500	23.83	3.15	54.0	30.17	AV	125.80	100	Horizontal	Pass
2	9901.250	39.74	8.77	74.0	34.26	Peak	231.80	100	Horizontal	Pass
2**	9901.250	30.61	8.77	54.0	23.39	AV	231.80	100	Horizontal	Pass
3	11273.500	43.72	11.37	74.0	30.28	Peak	231.80	100	Horizontal	Pass
3**	11273.500	33.02	11.37	54.0	20.98	AV	231.80	100	Horizontal	Pass
4	13157.250	47.00	13.12	74.0	27.00	Peak	125.80	100	Horizontal	Pass
4**	13157.250	36.12	13.12	54.0	17.88	AV	125.80	100	Horizontal	Pass
5	14177.500	50.71	18.32	74.0	23.29	Peak	332.80	100	Horizontal	Pass
5**	14177.500	40.02	18.32	54.0	13.98	AV	332.80	100	Horizontal	Pass
6	17488.501	54.99	21.68	74.0	19.01	Peak	346.40	100	Horizontal	Pass
6**	17488.501	45.10	21.68	54.0	8.90	AV	346.40	100	Horizontal	Pass

BLE-1M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.37.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

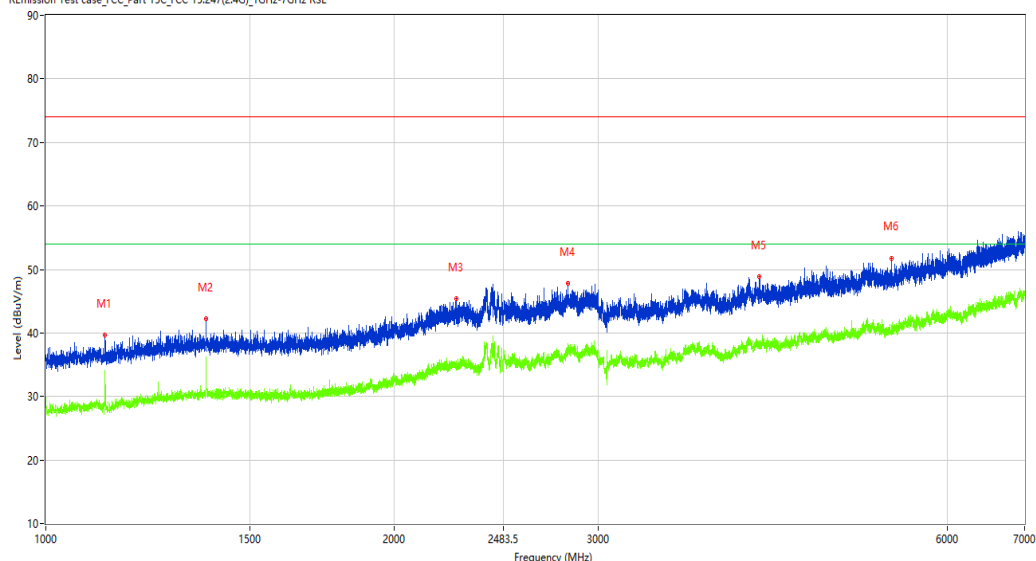
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1125.250	39.71	-14.28	74.0	34.29	Peak	187.00	100	Vertical	Pass
1**	1125.250	32.96	-14.28	54.0	21.04	AV	187.00	100	Vertical	Pass
2	1375.000	42.19	-12.81	74.0	31.81	Peak	256.50	100	Vertical	Pass
2**	1375.000	36.11	-12.81	54.0	17.89	AV	256.50	100	Vertical	Pass
3	2262.500	45.38	-7.26	74.0	28.62	Peak	94.00	100	Vertical	Pass
3**	2262.500	34.09	-7.26	54.0	19.91	AV	94.00	100	Vertical	Pass
4	2823.000	47.84	-4.70	74.0	26.16	Peak	0.90	100	Vertical	Pass
4**	2823.000	37.51	-4.70	54.0	16.49	AV	0.90	100	Vertical	Pass
5	4132.500	48.85	-2.01	74.0	25.15	Peak	254.70	100	Vertical	Pass
5**	4132.500	37.89	-2.01	54.0	16.11	AV	254.70	100	Vertical	Pass
6	5370.500	51.79	-0.41	74.0	22.21	Peak	295.40	100	Vertical	Pass
6**	5370.500	40.56	-0.41	54.0	13.44	AV	295.40	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.19.18

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

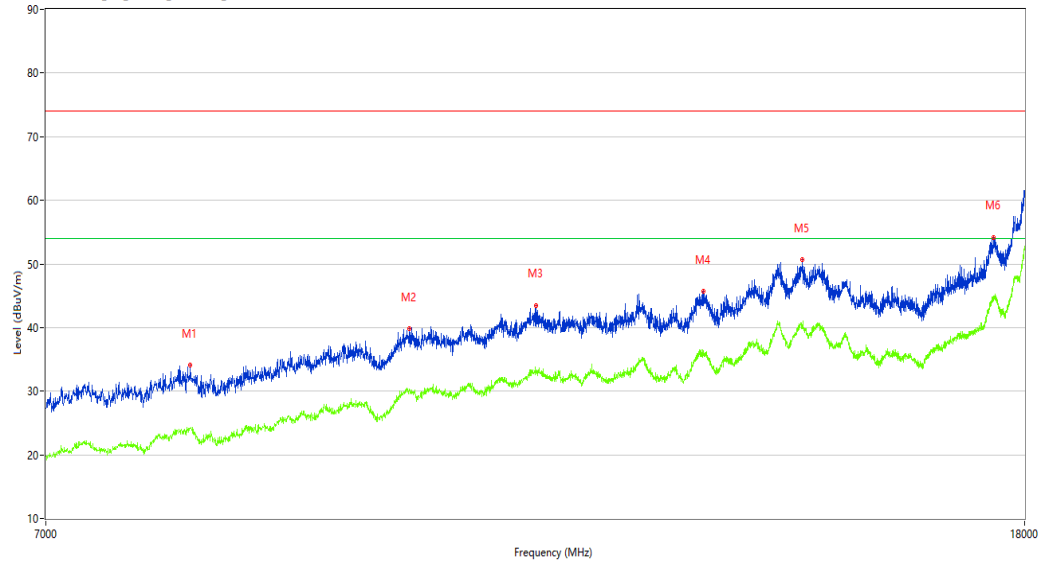
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8047.750	34.14	3.85	74.0	39.86	Peak	100.90	100	Vertical	Pass
1**	8047.750	24.07	3.85	54.0	29.93	AV	100.90	100	Vertical	Pass
2	9937.000	39.83	8.85	74.0	34.17	Peak	185.90	100	Vertical	Pass
2**	9937.000	30.12	8.85	54.0	23.88	AV	185.90	100	Vertical	Pass
3	11237.750	43.52	10.89	74.0	30.48	Peak	0.00	100	Vertical	Pass
3**	11237.750	33.24	10.89	54.0	20.76	AV	0.00	100	Vertical	Pass
4	13206.750	45.67	13.22	74.0	28.33	Peak	149.70	100	Vertical	Pass
4**	13206.750	36.39	13.22	54.0	17.61	AV	149.70	100	Vertical	Pass
5	14524.000	50.70	16.62	74.0	23.30	Peak	149.70	100	Vertical	Pass
5**	14524.000	40.41	16.62	54.0	13.59	AV	149.70	100	Vertical	Pass
6	17469.250	54.19	21.37	74.0	19.81	Peak	280.90	100	Vertical	Pass
6**	17469.250	44.49	21.37	54.0	9.51	AV	280.90	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_11.18.16

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

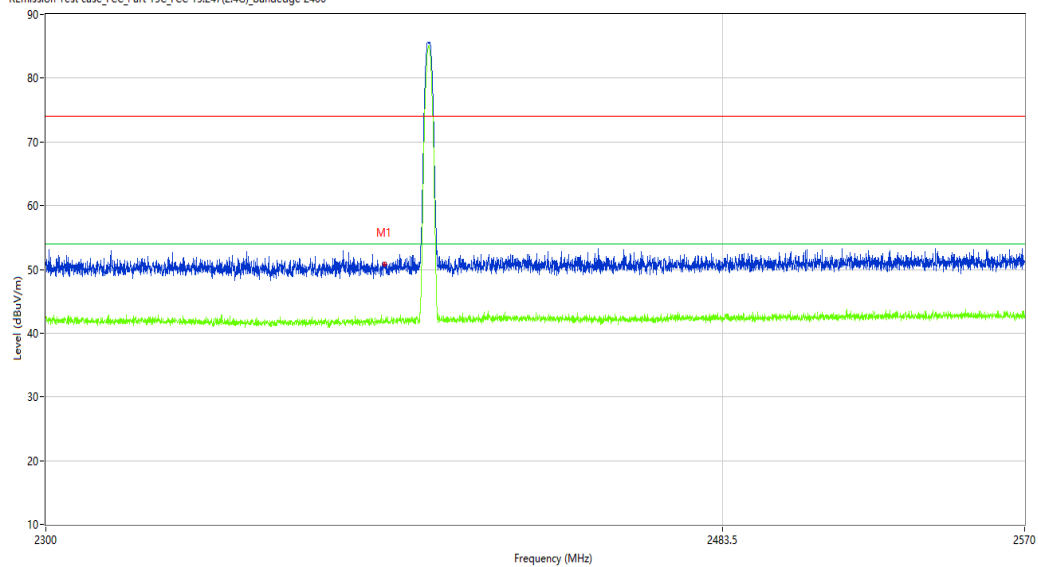
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	50.63	-10.27	74.0	23.37	Peak	119.91	100	Horizontal	Pass
1**	2390.000	41.68	-10.27	54.0	12.32	AV	119.91	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.15.27

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

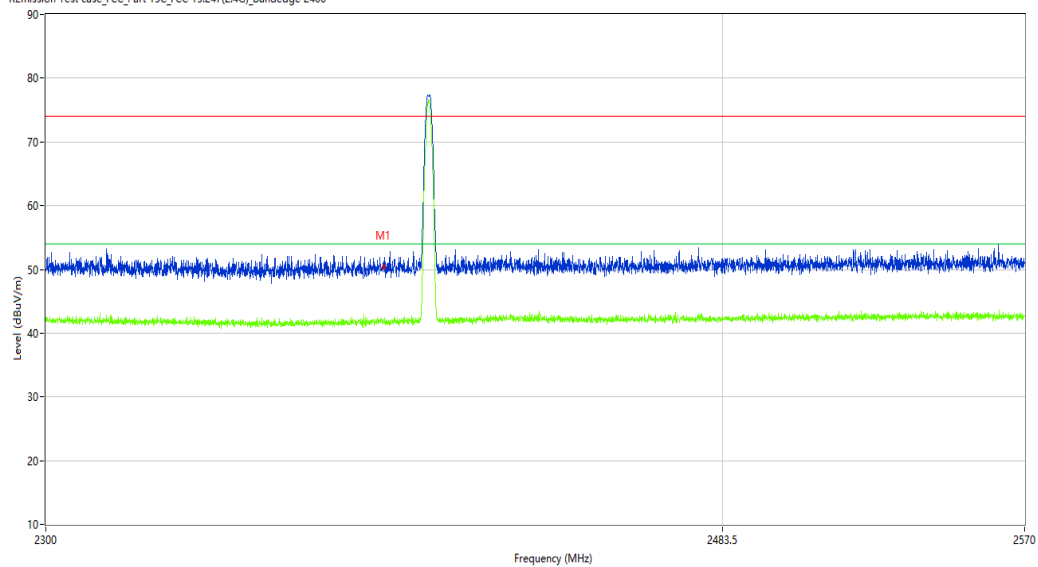
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	50.33	-10.27	74.0	23.67	Peak	133.38	100	Vertical	Pass
1**	2390.000	42.16	-10.27	54.0	11.84	AV	133.38	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_11.20.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

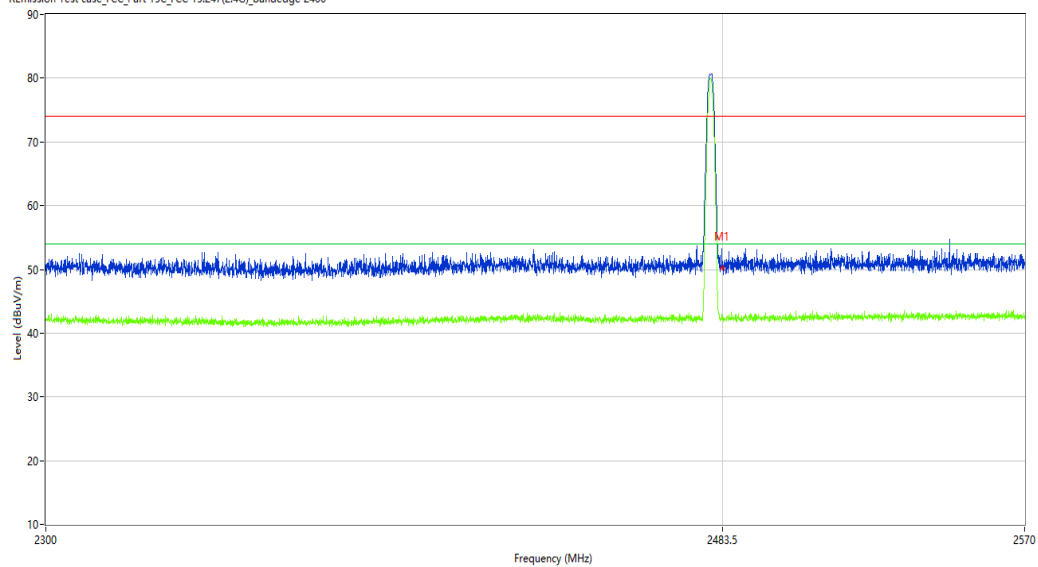
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	50.20	-9.82	74.0	23.80	Peak	183.81	100	Horizontal	Pass
1**	2483.500	42.40	-9.82	54.0	11.60	AV	183.81	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.19.16

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

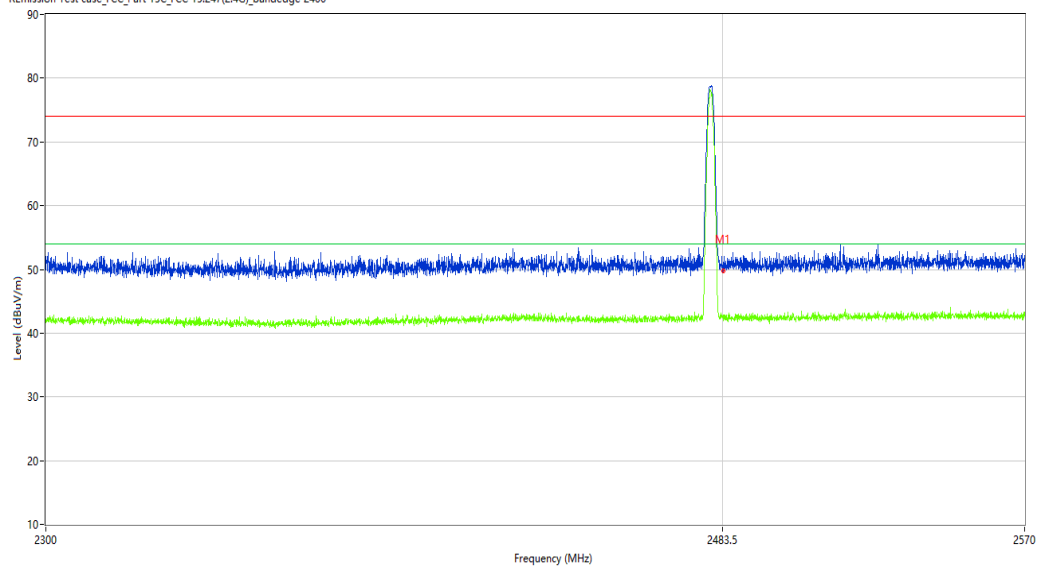
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	49.85	-9.82	74.0	24.15	Peak	155.96	100	Vertical	Pass
1**	2483.500	42.46	-9.82	54.0	11.54	AV	155.96	100	Vertical	Pass

USB Input:

BLE-2M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_11.11.35

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

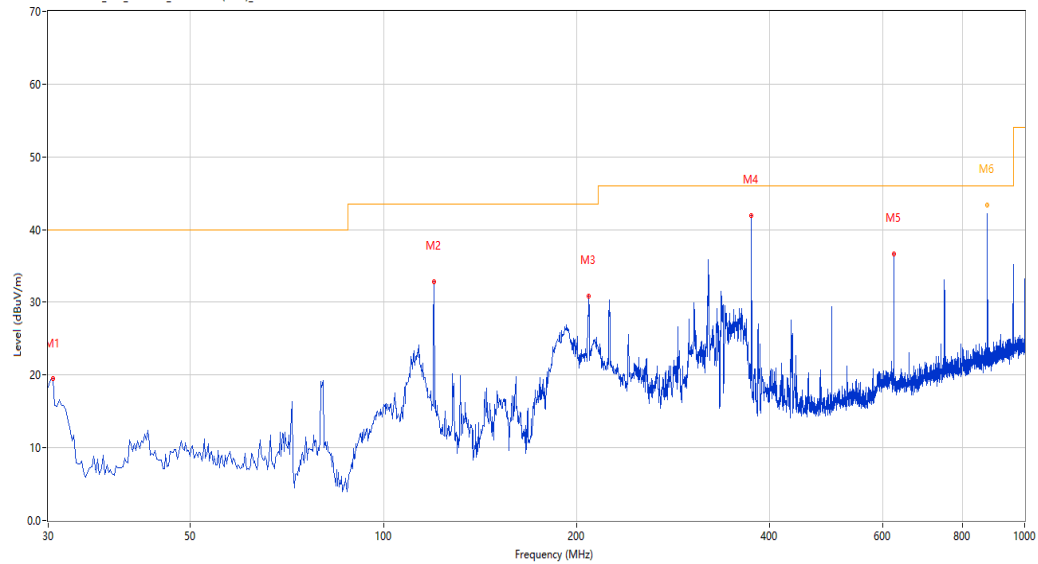
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	30.485	19.45	-28.57	40.0	20.55	Peak	95.70	100	Horizontal	Pass
2	119.945	32.84	-27.36	43.5	10.66	Peak	33.70	100	Horizontal	Pass
3	209.163	30.83	-25.64	43.5	12.67	Peak	338.50	100	Horizontal	Pass
4	374.991	41.98	-20.63	46.0	4.02	Peak	158.70	100	Horizontal	Pass
5	624.946	36.61	-14.10	46.0	9.39	Peak	137.10	100	Horizontal	Pass
6	875.005	45.40	-9.44	46.0	0.60	Peak	237.80	101	Horizontal	Pass
6*	875.005	43.39	-9.44	46.0	2.61	QP	237.80	101	Horizontal	Pass

BLE-2M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_10.15.09

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

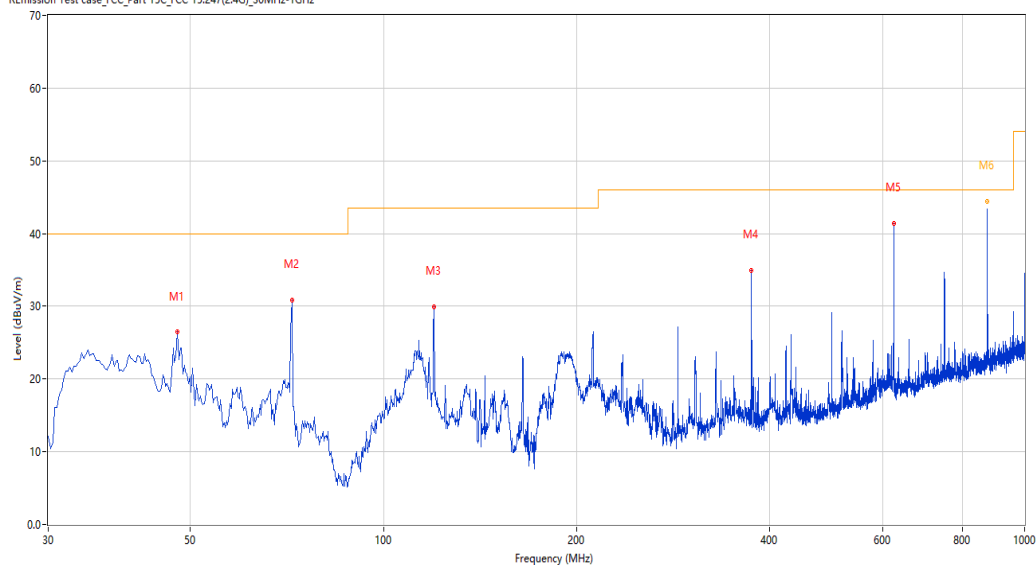
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	47.698	26.43	-24.08	40.0	13.57	Peak	7.10	100	Vertical	Pass
2	71.942	30.89	-29.48	40.0	9.11	Peak	169.90	100	Vertical	Pass
3	119.945	29.99	-27.36	43.5	13.51	Peak	28.10	100	Vertical	Pass
4	374.991	34.93	-20.63	46.0	11.07	Peak	321.80	100	Vertical	Pass
5	624.946	41.42	-14.10	46.0	4.58	Peak	347.10	100	Vertical	Pass
6*	875.005	44.44	-9.44	46.0	1.56	QP	153.50	117	Vertical	Pass

POE Input:

BLE-2M-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_13.39.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

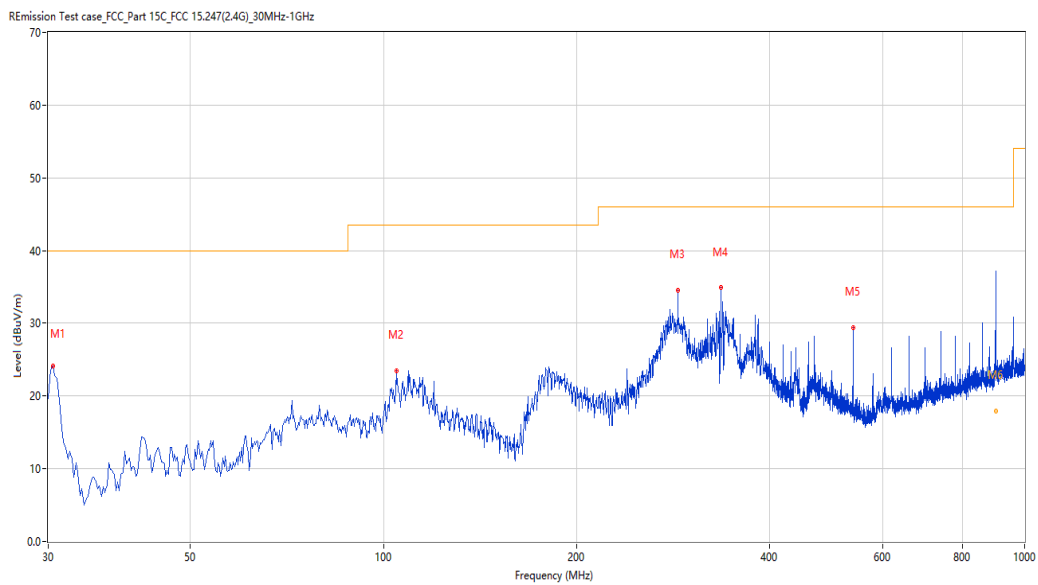
Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	24.11	-28.57	40.0	15.89	Peak	1.80	100	Horizontal	Pass
2	104.671	23.44	-25.49	43.5	20.06	Peak	76.50	100	Horizontal	Pass
3	287.956	34.56	-22.62	46.0	11.44	Peak	176.50	100	Horizontal	Pass
4	335.959	34.88	-20.79	46.0	11.12	Peak	357.50	100	Horizontal	Pass
5	540.092	29.38	-16.22	46.0	16.62	Peak	66.60	100	Horizontal	Pass
6	902.543	24.40	-9.01	46.0	21.60	Peak	179.00	192	Horizontal	Pass
6*	902.543	17.97	-9.01	46.0	28.03	QP	179.00	192	Horizontal	Pass

BLE-2M-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-06_11.35.38

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

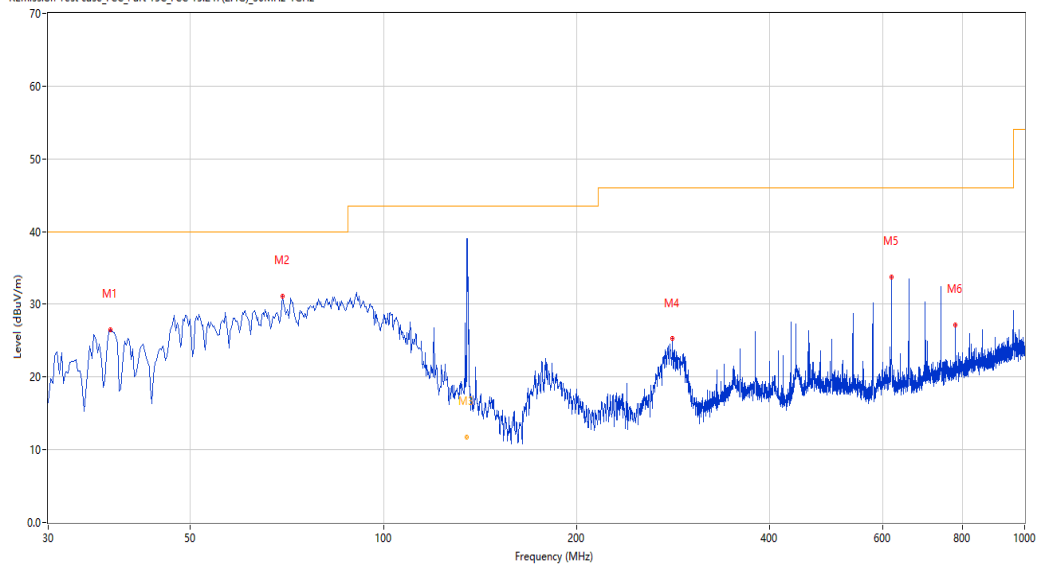
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	37.516	26.51	-26.29	40.0	13.49	Peak	253.30	100	Vertical	Pass
2	69.518	31.10	-28.51	40.0	8.90	Peak	0.00	100	Vertical	Pass
3	134.820	16.58	-28.90	43.5	26.92	Peak	29.80	150	Vertical	Pass
3*	134.820	11.75	-28.90	43.5	31.75	QP	29.80	150	Vertical	Pass
4	282.137	25.25	-22.98	46.0	20.75	Peak	23.40	100	Vertical	Pass
5	619.855	33.71	-13.59	46.0	12.29	Peak	2.20	100	Vertical	Pass
6	779.865	27.21	-11.33	46.0	18.79	Peak	248.10	100	Vertical	Pass

1-18G

BLE-2M-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.50.10

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

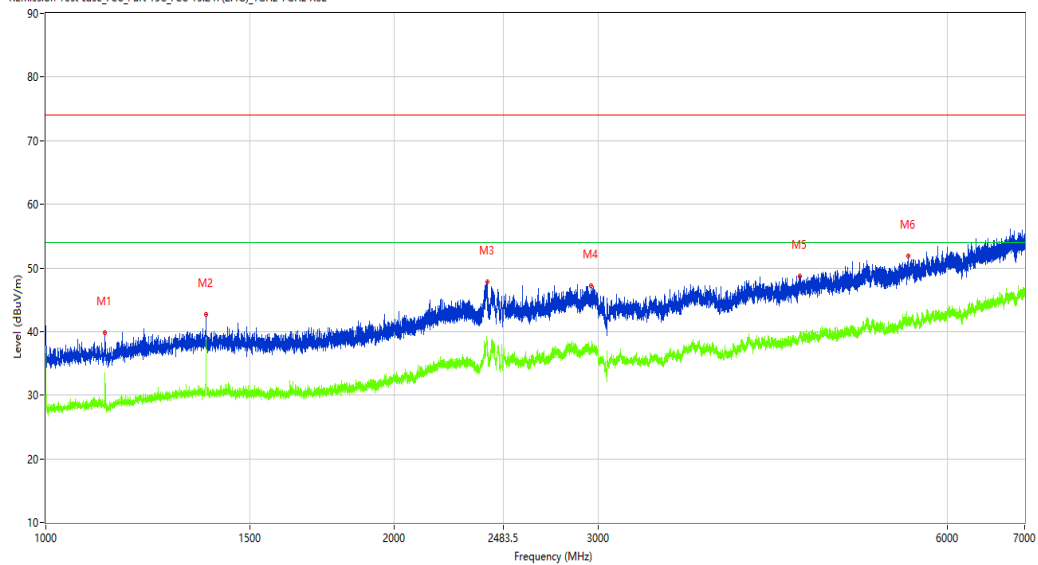
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1125.000	39.86	-14.28	74.0	34.14	Peak	198.50	100	Horizontal	Pass
1**	1125.000	33.48	-14.28	54.0	20.52	AV	198.50	100	Horizontal	Pass
2	1375.000	42.73	-12.81	74.0	31.27	Peak	292.20	100	Horizontal	Pass
2**	1375.000	38.57	-12.81	54.0	15.43	AV	292.20	100	Horizontal	Pass
3	2404.250	47.81	-4.76	74.0	26.19	Peak	213.40	100	Horizontal	Pass
3**	2404.250	37.51	-4.76	54.0	16.49	AV	213.40	100	Horizontal	Pass
4	2954.500	47.15	-3.91	74.0	26.85	Peak	360.00	100	Horizontal	Pass
4**	2954.500	37.13	-3.91	54.0	16.87	AV	360.00	100	Horizontal	Pass
5	4477.500	48.76	-1.44	74.0	25.24	Peak	35.10	100	Horizontal	Pass
5**	4477.500	39.17	-1.44	54.0	14.83	AV	35.10	100	Horizontal	Pass
6	5556.000	51.91	0.32	74.0	22.09	Peak	347.40	100	Horizontal	Pass
6**	5556.000	42.03	0.32	54.0	11.97	AV	347.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.25.42

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

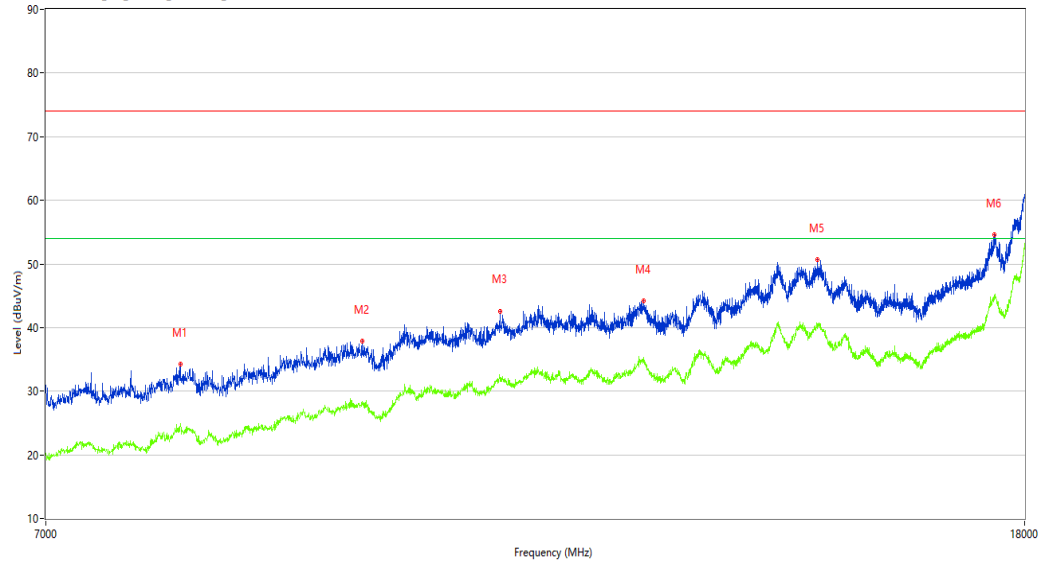
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7970.750	34.23	2.86	74.0	39.77	Peak	40.00	100	Horizontal	Pass
1**	7970.750	24.99	2.86	54.0	29.01	AV	40.00	100	Horizontal	Pass
2	9497.000	37.90	7.00	74.0	36.10	Peak	360.00	100	Horizontal	Pass
2**	9497.000	28.38	7.00	54.0	25.62	AV	360.00	100	Horizontal	Pass
3	10852.750	42.61	10.20	74.0	31.39	Peak	360.00	100	Horizontal	Pass
3**	10852.750	32.19	10.20	54.0	21.81	AV	360.00	100	Horizontal	Pass
4	12467.000	44.22	11.90	74.0	29.78	Peak	248.90	100	Horizontal	Pass
4**	12467.000	34.58	11.90	54.0	19.42	AV	248.90	100	Horizontal	Pass
5	14738.500	50.66	17.68	74.0	23.34	Peak	360.00	100	Horizontal	Pass
5**	14738.500	40.60	17.68	54.0	13.40	AV	360.00	100	Horizontal	Pass
6	17483.000	54.61	21.70	74.0	19.39	Peak	360.00	100	Horizontal	Pass
6**	17483.000	44.92	21.70	54.0	9.08	AV	360.00	100	Horizontal	Pass

BLE-2M-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.29.37

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

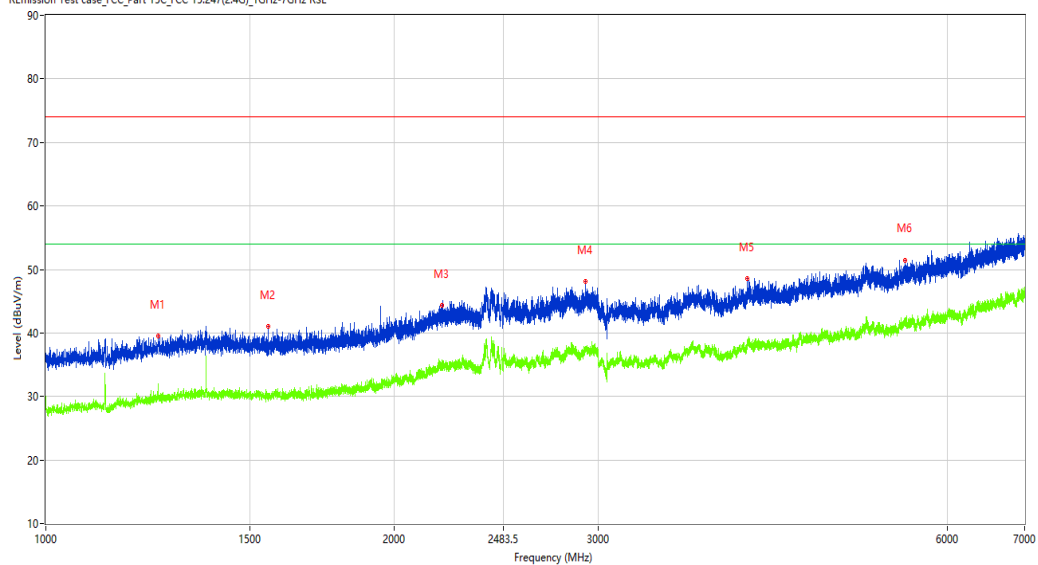
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1249.750	39.46	-13.36	74.0	34.54	Peak	175.50	100	Vertical	Pass
1**	1249.750	30.96	-13.36	54.0	23.04	AV	175.50	100	Vertical	Pass
2	1555.250	41.05	-13.10	74.0	32.95	Peak	360.00	100	Vertical	Pass
2**	1555.250	30.45	-13.10	54.0	23.55	AV	360.00	100	Vertical	Pass
3	2196.750	44.37	-7.96	74.0	29.63	Peak	346.90	100	Vertical	Pass
3**	2196.750	35.19	-7.96	54.0	18.81	AV	346.90	100	Vertical	Pass
4	2924.250	48.06	-4.63	74.0	25.94	Peak	66.70	100	Vertical	Pass
4**	2924.250	37.30	-4.63	54.0	16.70	AV	66.70	100	Vertical	Pass
5	4033.500	48.59	-1.60	74.0	25.41	Peak	64.50	100	Vertical	Pass
5**	4033.500	38.01	-1.60	54.0	15.99	AV	64.50	100	Vertical	Pass
6	5521.000	51.50	0.50	74.0	22.50	Peak	0.00	100	Vertical	Pass
6**	5521.000	41.06	0.50	54.0	12.94	AV	0.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.30.52

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

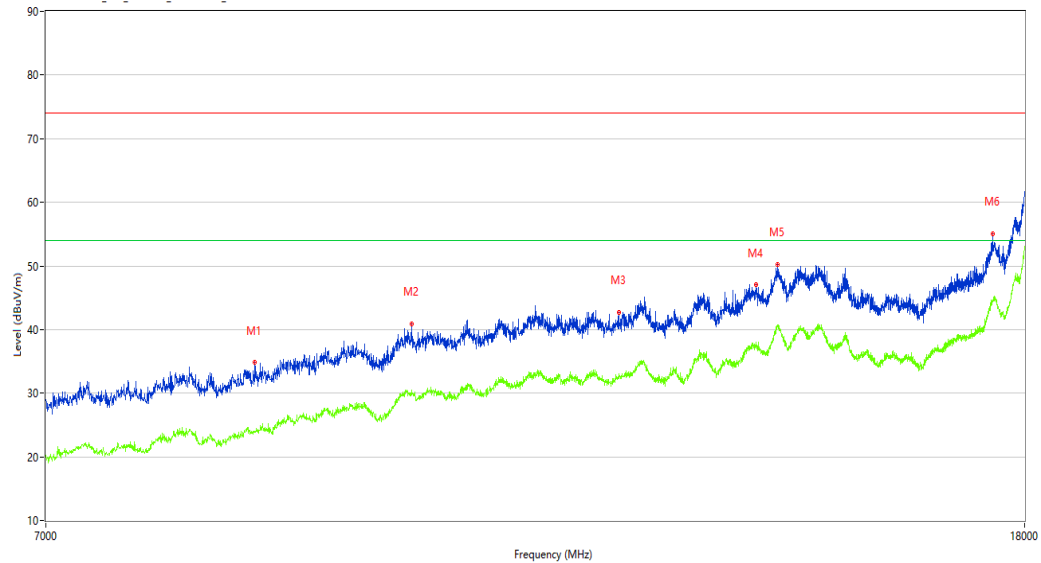
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8564.750	34.85	3.12	74.0	39.15	Peak	200.60	100	Vertical	Pass
1**	8564.750	24.07	3.12	54.0	29.93	AV	200.60	100	Vertical	Pass
2	9961.750	40.96	8.67	74.0	33.04	Peak	360.00	100	Vertical	Pass
2**	9961.750	30.45	8.67	54.0	23.55	AV	360.00	100	Vertical	Pass
3	12170.000	42.76	10.74	74.0	31.24	Peak	265.80	100	Vertical	Pass
3**	12170.000	32.72	10.74	54.0	21.28	AV	265.80	100	Vertical	Pass
4	13891.500	47.08	14.46	74.0	26.92	Peak	321.70	100	Vertical	Pass
4**	13891.500	37.15	14.46	54.0	16.85	AV	321.70	100	Vertical	Pass
5	14185.750	50.29	18.59	74.0	23.71	Peak	360.00	100	Vertical	Pass
5**	14185.750	40.57	18.59	54.0	13.43	AV	360.00	100	Vertical	Pass
6	17458.250	54.98	21.11	74.0	19.02	Peak	214.80	100	Vertical	Pass
6**	17458.250	44.45	21.11	54.0	9.55	AV	214.80	100	Vertical	Pass

BLE-2M-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.52.59

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

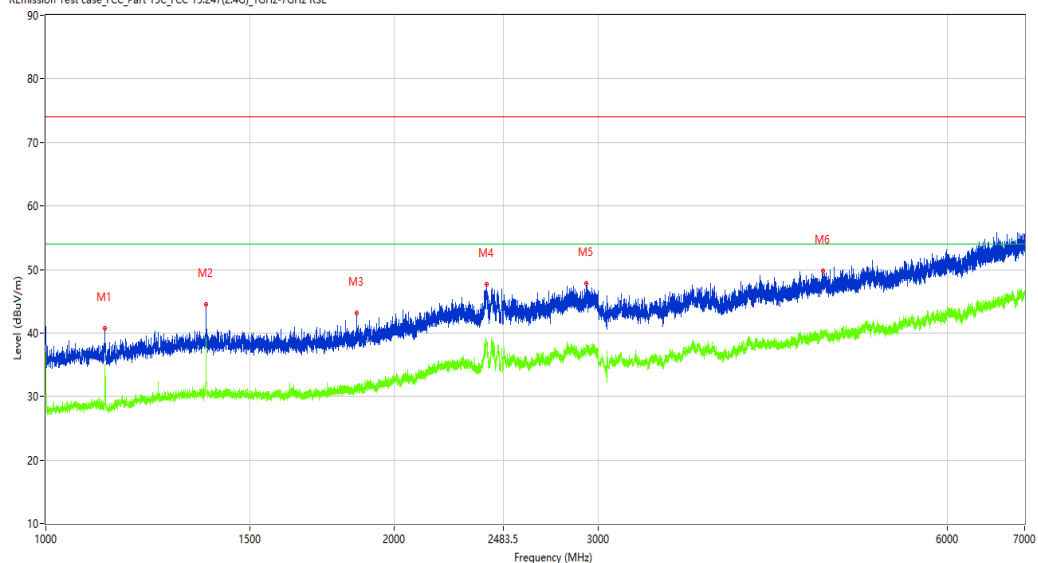
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	1125.000	40.68	-14.28	74.0	33.32	Peak	39.80	100	Horizontal	Pass
1**	1125.000	34.95	-14.28	54.0	19.05	AV	39.80	100	Horizontal	Pass
2	1375.250	44.47	-12.81	74.0	29.53	Peak	233.50	100	Horizontal	Pass
2**	1375.250	38.52	-12.81	54.0	15.48	AV	233.50	100	Horizontal	Pass
3	1854.750	43.11	-12.15	74.0	30.89	Peak	207.20	100	Horizontal	Pass
3**	1854.750	30.75	-12.15	54.0	23.25	AV	207.20	100	Horizontal	Pass
4	2401.250	47.61	-4.69	74.0	26.39	Peak	284.80	100	Horizontal	Pass
4**	2401.250	38.56	-4.69	54.0	15.44	AV	284.80	100	Horizontal	Pass
5	2927.250	47.83	-4.67	74.0	26.17	Peak	26.50	100	Horizontal	Pass
5**	2927.250	37.74	-4.67	54.0	16.26	AV	26.50	100	Horizontal	Pass
6	4689.500	49.77	-0.78	74.0	24.23	Peak	73.10	100	Horizontal	Pass
6**	4689.500	39.81	-0.78	54.0	14.19	AV	73.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.27.35

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8515.250	34.18	2.92	74.0	39.82	Peak	0.00	100	Horizontal	Pass
1**	8515.250	23.97	2.92	54.0	30.03	AV	0.00	100	Horizontal	Pass
2	10129.500	40.88	8.53	74.0	33.12	Peak	95.40	100	Horizontal	Pass
2**	10129.500	30.24	8.53	54.0	23.76	AV	95.40	100	Horizontal	Pass
3	11576.001	43.32	10.66	74.0	30.68	Peak	202.10	100	Horizontal	Pass
3**	11576.001	32.30	10.66	54.0	21.70	AV	202.10	100	Horizontal	Pass
4	13179.250	45.79	13.16	74.0	28.21	Peak	95.40	100	Horizontal	Pass
4**	13179.250	35.91	13.16	54.0	18.09	AV	95.40	100	Horizontal	Pass
5	14779.750	51.14	17.76	74.0	22.86	Peak	54.30	100	Horizontal	Pass
5**	14779.750	40.39	17.76	54.0	13.61	AV	54.30	100	Horizontal	Pass
6	17444.499	55.16	20.81	74.0	18.84	Peak	229.00	100	Horizontal	Pass
6**	17444.499	43.97	20.81	54.0	10.03	AV	229.00	100	Horizontal	Pass

BLE-2M-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.27.26

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

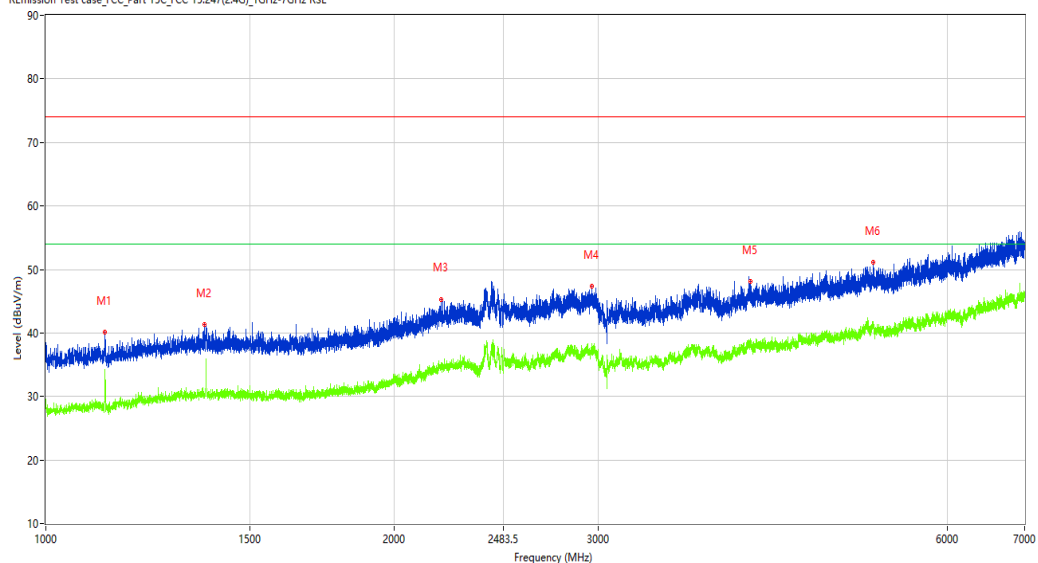
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	1125.250	40.07	-14.28	74.0	33.93	Peak	214.50	100	Vertical	Pass
1**	1125.250	33.46	-14.28	54.0	20.54	AV	214.50	100	Vertical	Pass
2	1371.000	41.27	-12.75	74.0	32.73	Peak	46.80	100	Vertical	Pass
2**	1371.000	30.49	-12.75	54.0	23.51	AV	46.80	100	Vertical	Pass
3	2194.250	45.32	-7.96	74.0	28.68	Peak	86.30	100	Vertical	Pass
3**	2194.250	34.64	-7.96	54.0	19.36	AV	86.30	100	Vertical	Pass
4	2963.000	47.30	-3.77	74.0	26.70	Peak	110.70	100	Vertical	Pass
4**	2963.000	37.21	-3.77	54.0	16.79	AV	110.70	100	Vertical	Pass
5	4059.000	48.12	-1.39	74.0	25.88	Peak	161.80	100	Vertical	Pass
5**	4059.000	39.01	-1.39	54.0	14.99	AV	161.80	100	Vertical	Pass
6	5177.000	51.17	0.25	74.0	22.83	Peak	161.80	100	Vertical	Pass
6**	5177.000	41.79	0.25	54.0	12.21	AV	161.80	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.34.58

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

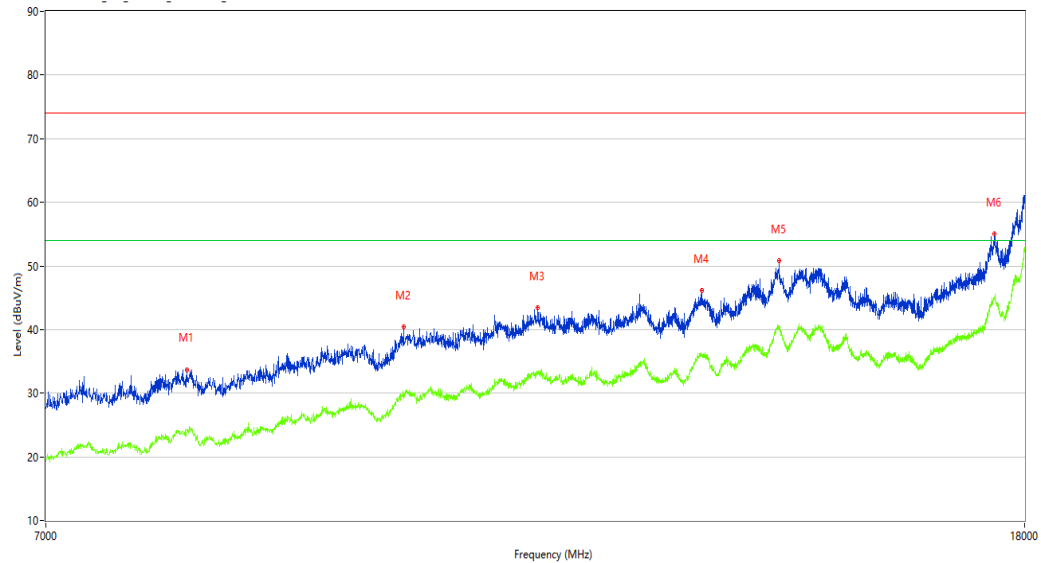
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8020.250	33.71	3.45	74.0	40.29	Peak	81.30	100	Vertical	Pass
1**	8020.250	23.74	3.45	54.0	30.26	AV	81.30	100	Vertical	Pass
2	9887.500	40.40	8.55	74.0	33.60	Peak	81.30	100	Vertical	Pass
2**	9887.500	29.52	8.55	54.0	24.48	AV	81.30	100	Vertical	Pass
3	11254.250	43.49	11.10	74.0	30.51	Peak	120.80	100	Vertical	Pass
3**	11254.250	33.08	11.10	54.0	20.92	AV	120.80	100	Vertical	Pass
4	13182.000	46.18	13.17	74.0	27.82	Peak	210.50	100	Vertical	Pass
4**	13182.000	35.78	13.17	54.0	18.22	AV	210.50	100	Vertical	Pass
5	14205.000	50.77	18.30	74.0	23.23	Peak	120.80	100	Vertical	Pass
5**	14205.000	40.53	18.30	54.0	13.47	AV	120.80	100	Vertical	Pass
6	17483.000	55.01	21.70	74.0	18.99	Peak	120.80	100	Vertical	Pass
6**	17483.000	45.07	21.70	54.0	8.93	AV	120.80	100	Vertical	Pass

BLE-2M-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.55.40

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

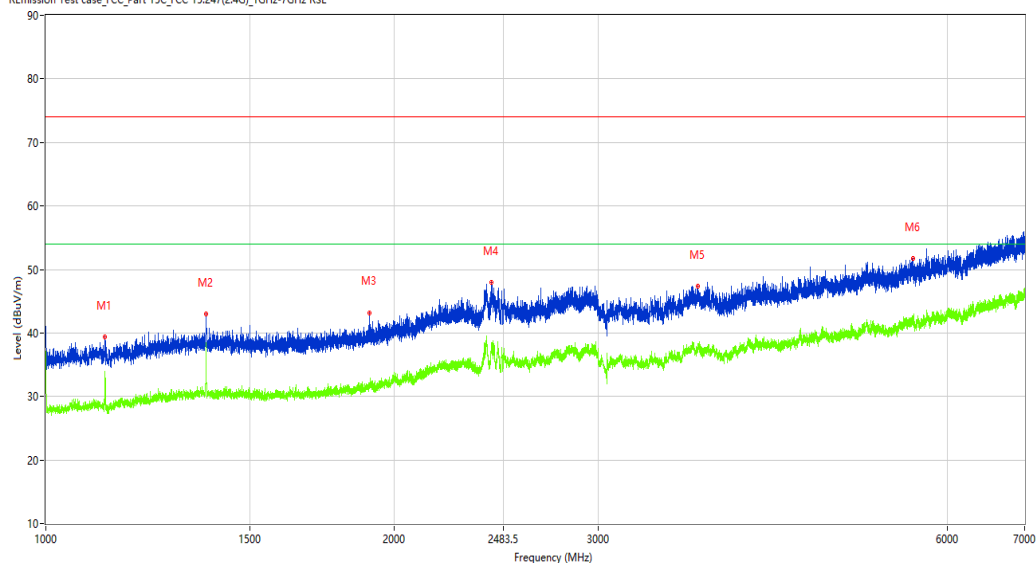
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	1125.250	39.30	-14.28	74.0	34.70	Peak	226.80	100	Horizontal	Pass
1**	1125.250	34.00	-14.28	54.0	20.00	AV	226.80	100	Horizontal	Pass
2	1374.750	43.01	-12.81	74.0	30.99	Peak	226.80	100	Horizontal	Pass
2**	1374.750	38.38	-12.81	54.0	15.62	AV	226.80	100	Horizontal	Pass
3	1903.500	43.20	-11.72	74.0	30.80	Peak	360.00	100	Horizontal	Pass
3**	1903.500	31.72	-11.72	54.0	22.28	AV	360.00	100	Horizontal	Pass
4	2426.250	48.00	-5.19	74.0	26.00	Peak	137.10	100	Horizontal	Pass
4**	2426.250	37.71	-5.19	54.0	16.29	AV	137.10	100	Horizontal	Pass
5	3654.500	47.37	-2.22	74.0	26.63	Peak	75.90	100	Horizontal	Pass
5**	3654.500	38.18	-2.22	54.0	15.82	AV	75.90	100	Horizontal	Pass
6	5605.000	51.76	0.78	74.0	22.24	Peak	37.30	100	Horizontal	Pass
6**	5605.000	41.48	0.78	54.0	12.52	AV	37.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.29.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

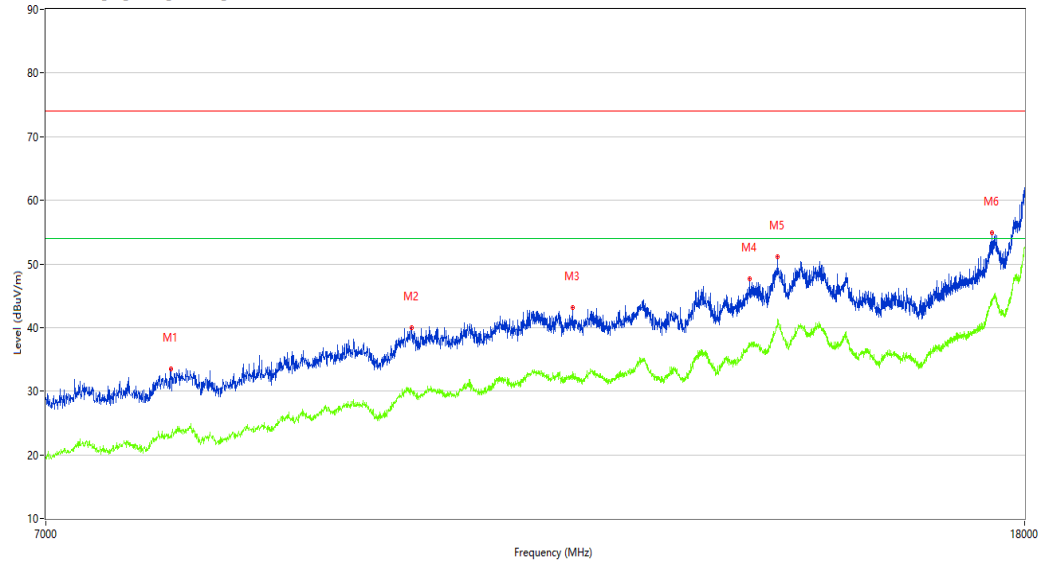
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7896.500	33.53	1.92	74.0	40.47	Peak	314.80	100	Horizontal	Pass
1**	7896.500	22.90	1.92	54.0	31.10	AV	314.80	100	Horizontal	Pass
2	9967.250	39.93	8.63	74.0	34.07	Peak	359.70	100	Horizontal	Pass
2**	9967.250	29.85	8.63	54.0	24.15	AV	359.70	100	Horizontal	Pass
3	11636.500	43.13	10.37	74.0	30.87	Peak	263.20	100	Horizontal	Pass
3**	11636.500	33.07	10.37	54.0	20.93	AV	263.20	100	Horizontal	Pass
4	13806.250	47.63	13.99	74.0	26.37	Peak	158.10	100	Horizontal	Pass
4**	13806.250	37.12	13.99	54.0	16.88	AV	158.10	100	Horizontal	Pass
5	14180.250	51.15	18.41	74.0	22.85	Peak	105.80	100	Horizontal	Pass
5**	14180.250	41.34	18.41	54.0	12.66	AV	105.80	100	Horizontal	Pass
6	17447.250	54.88	20.86	74.0	19.12	Peak	359.70	100	Horizontal	Pass
6**	17447.250	43.94	20.86	54.0	10.06	AV	359.70	100	Horizontal	Pass

BLE-2M-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2024-06-05_10.24.38

EUT Name: N.A

Manufacturer: N.A

Model: N.A

Temp.(oC): 24

Hum.: 51%RH

Test Engineer: ZY

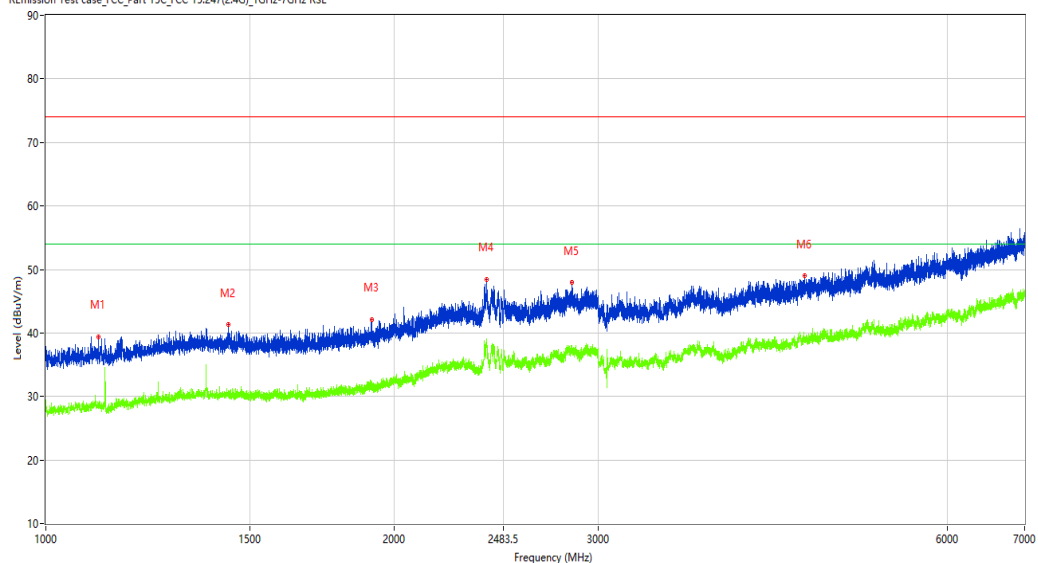
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RF01-E24050068-02#01

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	1110.500	39.44	-14.12	74.0	34.56	Peak	98.00	100	Vertical	Pass
1**	1110.500	28.63	-14.12	54.0	25.37	AV	98.00	100	Vertical	Pass
2	1436.500	41.36	-12.65	74.0	32.64	Peak	292.90	100	Vertical	Pass
2**	1436.500	30.58	-12.65	54.0	23.42	AV	292.90	100	Vertical	Pass
3	1912.000	42.17	-11.64	74.0	31.83	Peak	173.40	100	Vertical	Pass
3**	1912.000	31.59	-11.64	54.0	22.41	AV	173.40	100	Vertical	Pass
4	2403.250	48.47	-4.73	74.0	25.53	Peak	111.00	100	Vertical	Pass
4**	2403.250	37.95	-4.73	54.0	16.05	AV	111.00	100	Vertical	Pass
5	2844.000	47.92	-4.29	74.0	26.08	Peak	0.00	100	Vertical	Pass
5**	2844.000	36.95	-4.29	54.0	17.05	AV	0.00	100	Vertical	Pass
6	4523.000	49.00	-0.95	74.0	25.00	Peak	359.00	100	Vertical	Pass
6**	4523.000	39.01	-0.95	54.0	14.99	AV	359.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2024-06-03_19.36.26

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

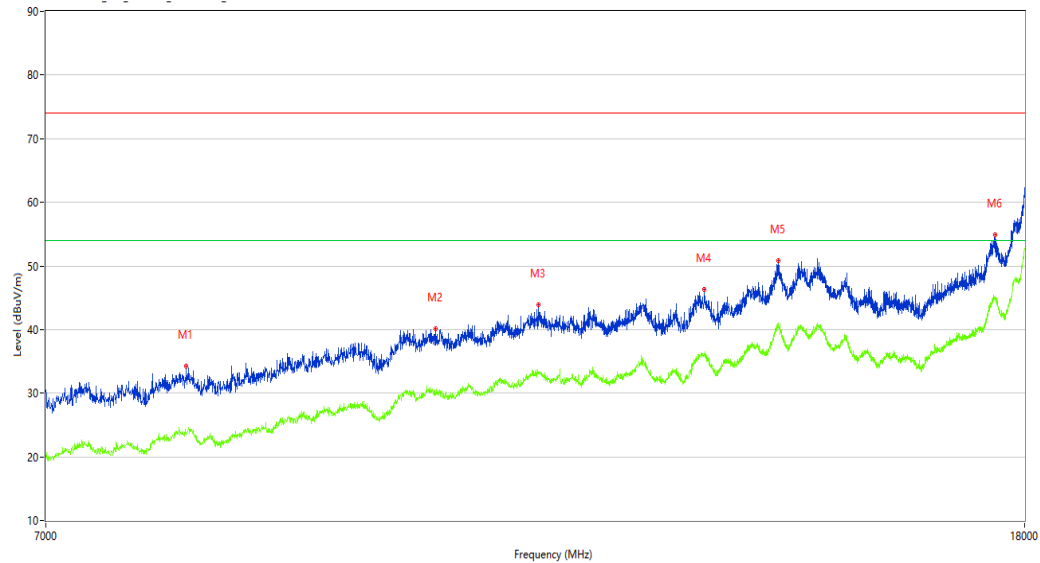
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8014.750	34.25	3.36	74.0	39.75	Peak	101.30	100	Vertical	Pass
1**	8014.750	23.59	3.36	54.0	30.41	AV	101.30	100	Vertical	Pass
2	10195.500	40.15	8.30	74.0	33.85	Peak	190.00	100	Vertical	Pass
2**	10195.500	30.03	8.30	54.0	23.97	AV	190.00	100	Vertical	Pass
3	11262.500	43.91	11.22	74.0	30.09	Peak	28.40	100	Vertical	Pass
3**	11262.500	33.19	11.22	54.0	20.81	AV	28.40	100	Vertical	Pass
4	13217.750	46.26	13.26	74.0	27.74	Peak	190.00	100	Vertical	Pass
4**	13217.750	36.18	13.26	54.0	17.82	AV	190.00	100	Vertical	Pass
5	14188.500	50.85	18.65	74.0	23.15	Peak	28.40	100	Vertical	Pass
5**	14188.500	41.06	18.65	54.0	12.94	AV	28.40	100	Vertical	Pass
6	17496.750	54.92	21.54	74.0	19.08	Peak	101.30	100	Vertical	Pass
6**	17496.750	44.68	21.54	54.0	9.32	AV	101.30	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.59.49

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

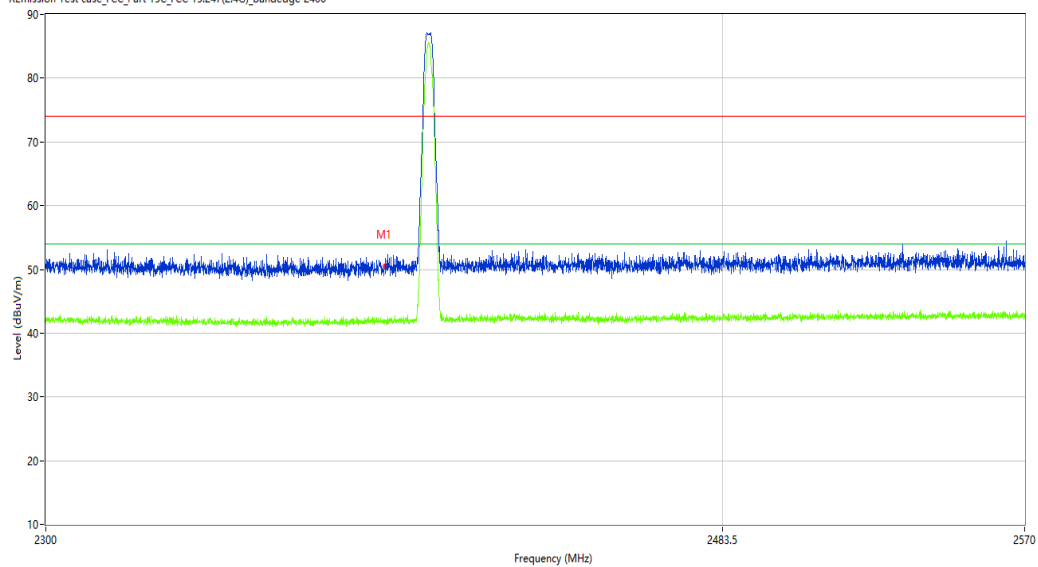
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

R Emission 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	50.56	-10.27	74.0	23.44	Peak	100.50	100	Horizontal	Pass
1**	2390.000	42.03	-10.27	54.0	11.97	AV	100.50	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.21.02

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

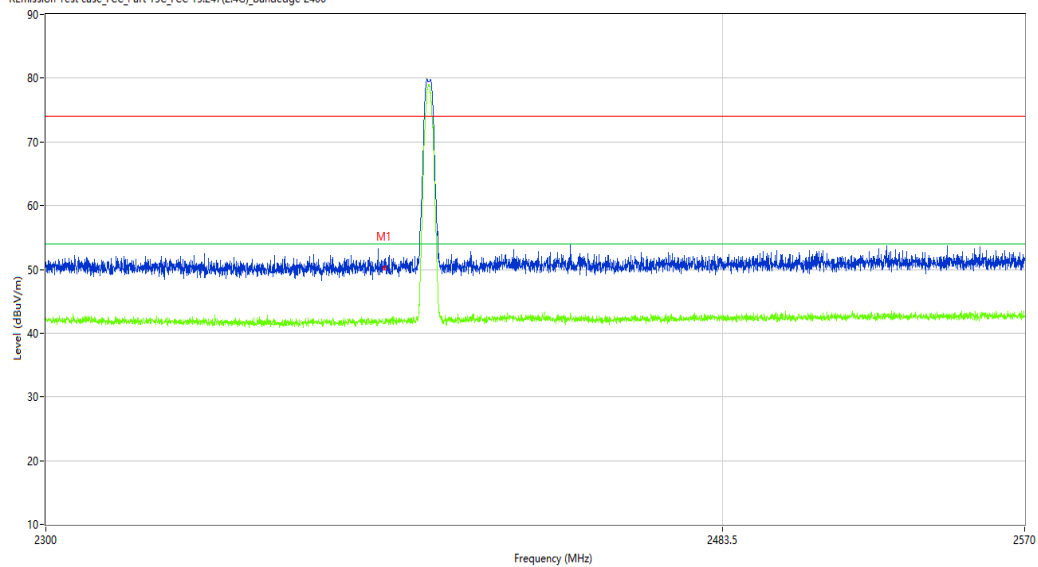
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	50.18	-10.27	74.0	23.82	Peak	321.30	100	Vertical	Pass
1**	2390.000	41.53	-10.27	54.0	12.47	AV	321.30	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.57.53

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

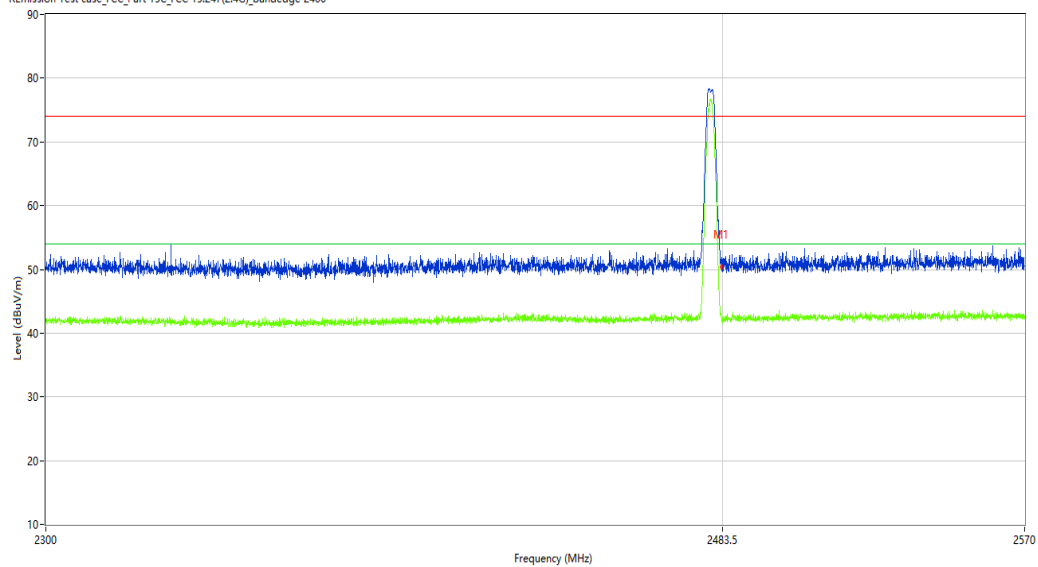
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	50.45	-9.82	74.0	23.55	Peak	211.11	100	Horizontal	Pass
1**	2483.500	42.05	-9.82	54.0	11.95	AV	211.11	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2024-06-05_10.22.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: N.A

Work Addition: TX

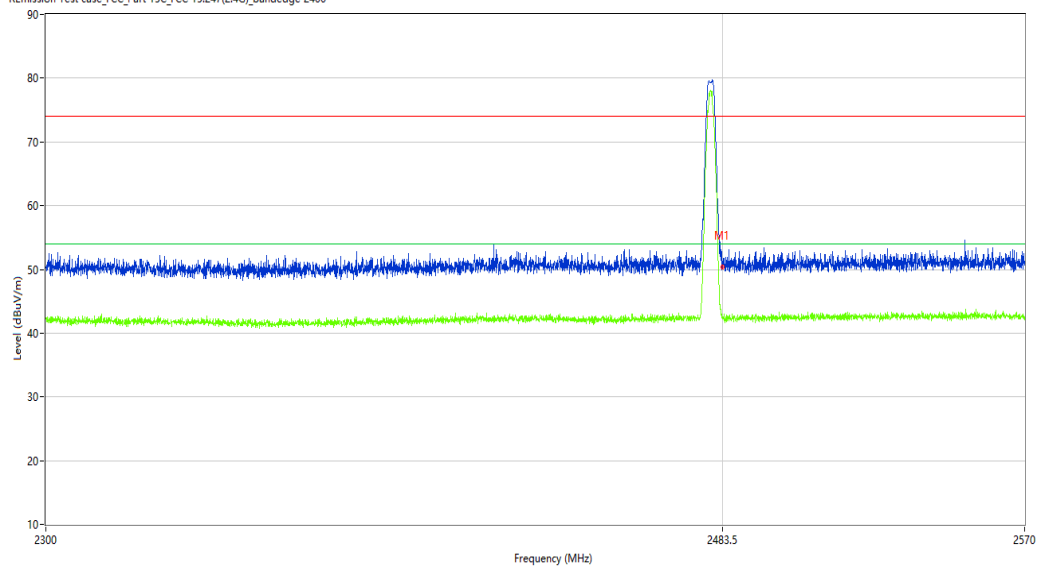
Temp.(oC): 24

Load: Full load

Hum.: 51%RH

Remark: DR-RF01-E24050068-02#01

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	50.57	-9.82	74.0	23.43	Peak	255.40	100	Vertical	Pass
1**	2483.500	42.40	-9.82	54.0	11.60	AV	255.40	100	Vertical	Pass