

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

BLE-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.18.23

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: N.A

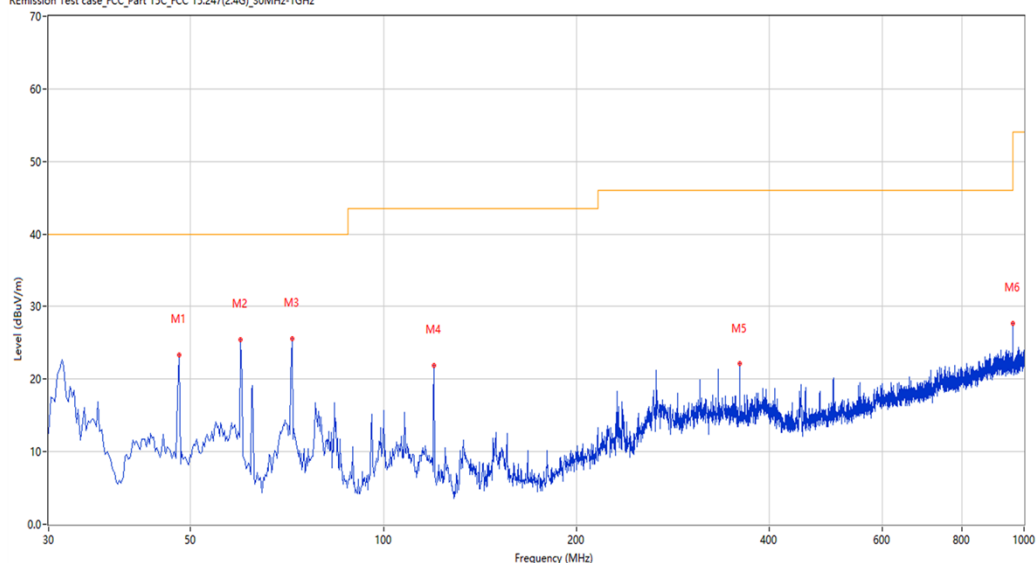
Temp.(oC): 23.4

Load: Full load

Hum.: 53%

Remark: E22110043-02#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	47.941	23.32	-25.11	40.0	16.68	Peak	31.70	100	Horizontal	Pass
2	59.820	25.45	-26.24	40.0	14.55	Peak	277.40	100	Horizontal	Pass
3	71.942	25.52	-30.08	40.0	14.48	Peak	140.30	100	Horizontal	Pass
4	119.945	21.92	-28.31	43.5	21.58	Peak	56.60	100	Horizontal	Pass
5	359.960	22.09	-22.28	46.0	23.91	Peak	162.30	100	Horizontal	Pass
6	959.998	27.71	-9.30	46.0	18.29	Peak	95.00	100	Horizontal	Pass

BLE-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.22.31

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: N.A

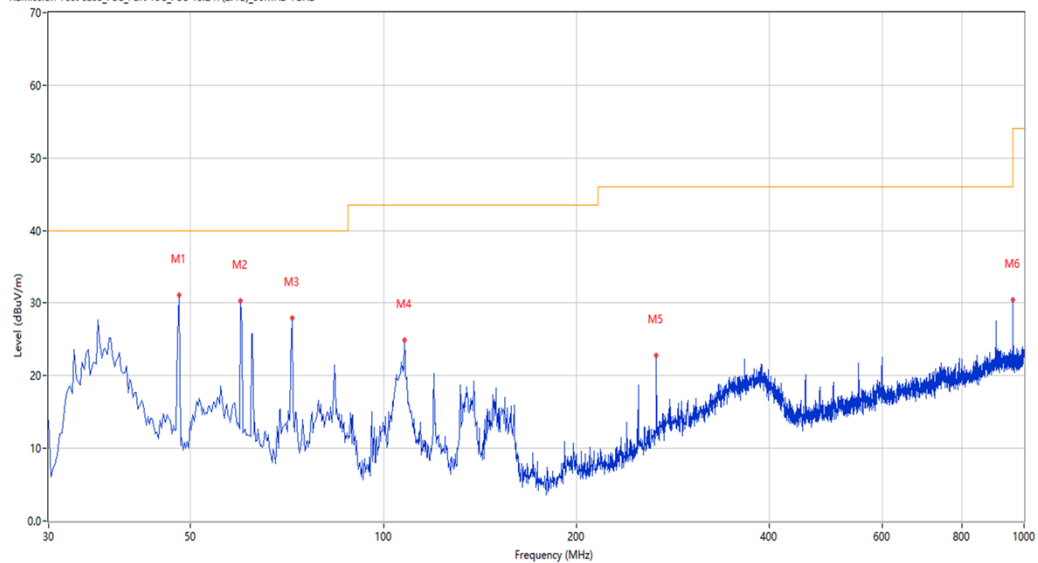
Temp.(oC): 23.4

Load: Full load

Hum.: 53%

Remark: E22110043-02#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	47.941	31.13	-25.11	40.0	8.87	Peak	145.50	100	Vertical	Pass
2	59.820	30.27	-26.24	40.0	9.73	Peak	354.40	100	Vertical	Pass
3	71.942	27.95	-30.08	40.0	12.05	Peak	134.40	100	Vertical	Pass
4	107.823	24.95	-26.74	43.5	18.55	Peak	208.90	100	Vertical	Pass
5	266.378	22.81	-24.47	46.0	23.19	Peak	14.20	100	Vertical	Pass
6	959.998	30.42	-9.30	46.0	15.58	Peak	0.00	100	Vertical	Pass

1-18G

BLE-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_11.03.44

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

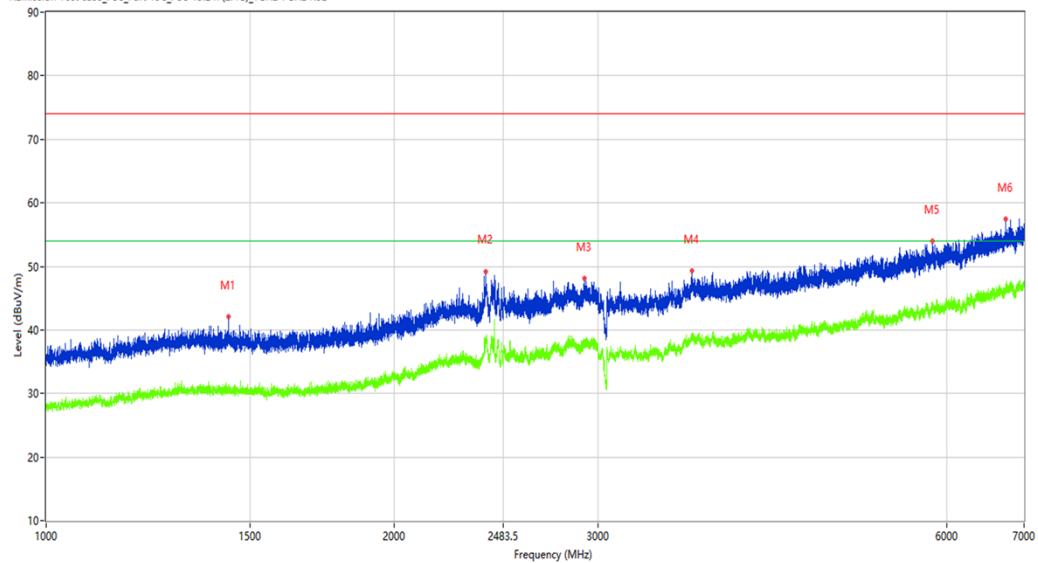
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#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	1437.000	42.04	-12.68	74.0	31.96	Peak	303.70	100	Horizontal	Pass
1**	1437.000	30.61	-12.68	54.0	23.39	AV	303.70	100	Horizontal	Pass
2	2399.750	49.24	-4.40	74.0	24.76	Peak	360.00	100	Horizontal	Pass
2**	2399.750	38.67	-4.40	54.0	15.33	AV	360.00	100	Horizontal	Pass
3	2918.750	48.09	-4.11	74.0	25.91	Peak	271.70	100	Horizontal	Pass
3**	2918.750	37.91	-4.11	54.0	16.09	AV	271.70	100	Horizontal	Pass
4	3616.500	49.32	-1.80	74.0	24.68	Peak	179.60	100	Horizontal	Pass
4**	3616.500	39.06	-1.80	54.0	14.94	AV	179.60	100	Horizontal	Pass
5	5836.000	54.01	2.31	74.0	19.99	Peak	39.60	100	Horizontal	Pass
5**	5836.000	43.87	2.31	54.0	10.13	AV	39.60	100	Horizontal	Pass
6	6750.000	57.42	4.85	74.0	16.58	Peak	39.60	100	Horizontal	Pass
6**	6750.000	47.14	4.85	54.0	6.86	AV	39.60	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.00.43

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

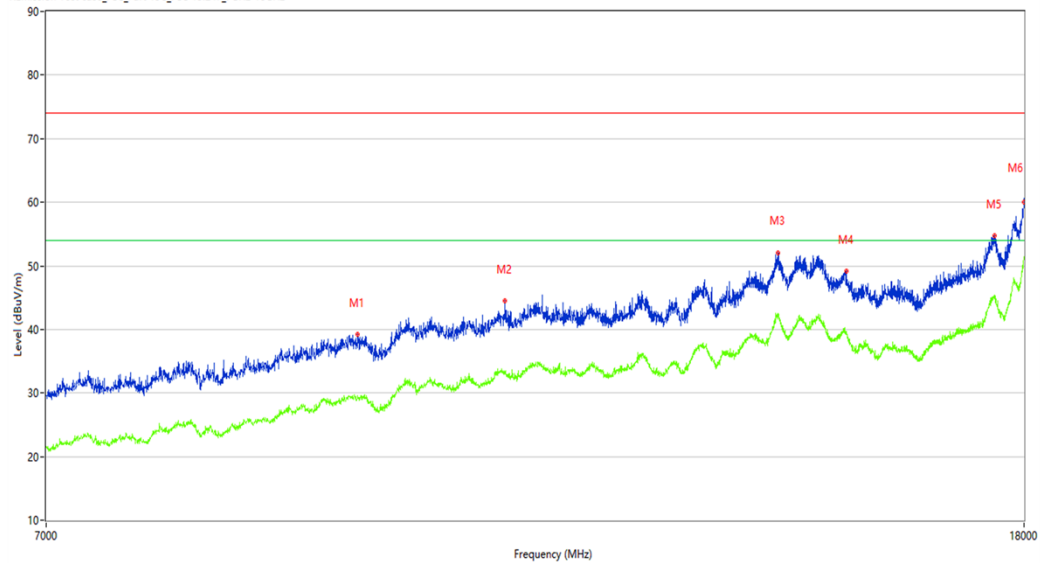
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

R Emission 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	9458.500	39.27	7.69	74.0	34.73	Peak	8.64	100	Horizontal	Pass
1**	9458.500	29.66	7.69	54.0	24.34	AV	8.64	100	Horizontal	Pass
2	10905.000	44.43	11.12	74.0	29.57	Peak	11.52	100	Horizontal	Pass
2**	10905.000	33.30	11.12	54.0	20.70	AV	11.52	100	Horizontal	Pass
3	14196.750	52.08	19.57	74.0	21.92	Peak	5.76	100	Horizontal	Pass
3**	14196.750	42.52	19.57	54.0	11.48	AV	5.76	100	Horizontal	Pass
4	15159.250	49.14	14.71	74.0	24.86	Peak	7.20	100	Horizontal	Pass
4**	15159.250	39.26	14.71	54.0	14.74	AV	7.20	100	Horizontal	Pass
5	17496.750	54.79	21.27	74.0	19.21	Peak	8.64	100	Horizontal	Pass
5**	17496.750	45.33	21.27	54.0	8.67	AV	8.64	100	Horizontal	Pass
6	17997.251	59.97	27.75	74.0	14.03	Peak	21.96	100	Horizontal	Pass
6**	17997.251	51.04	27.75	54.0	2.96	AV	21.96	100	Horizontal	Pass

BLE-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.54.25

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

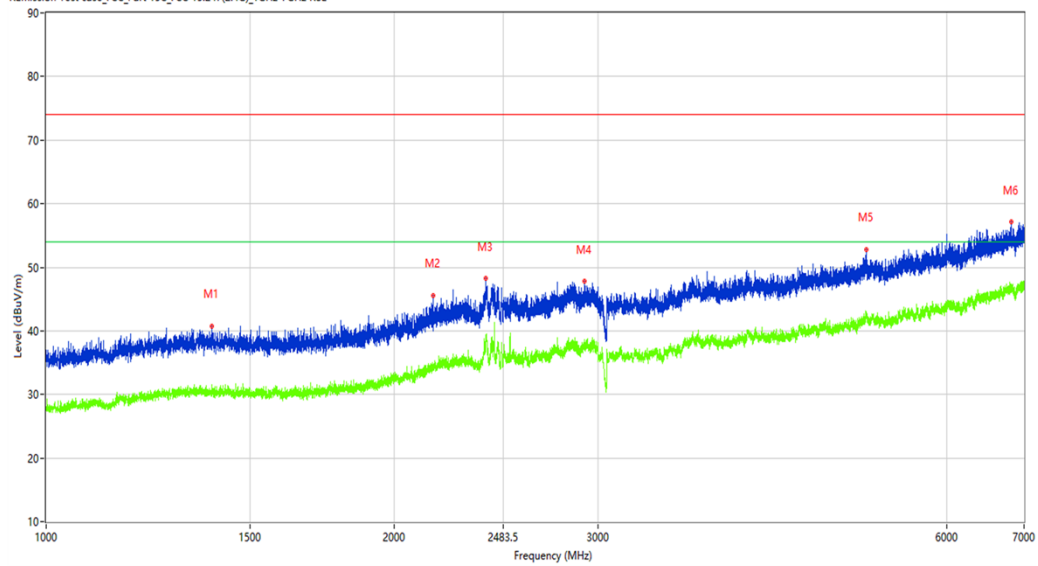
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.000	40.80	-12.71	74.0	33.20	Peak	182.70	100	Vertical	Pass
1**	1390.000	30.88	-12.71	54.0	23.12	AV	182.70	100	Vertical	Pass
2	2159.250	45.61	-8.67	74.0	28.39	Peak	73.40	100	Vertical	Pass
2**	2159.250	34.53	-8.67	54.0	19.47	AV	73.40	100	Vertical	Pass
3	2399.750	48.19	-4.40	74.0	25.81	Peak	89.70	100	Vertical	Pass
3**	2399.750	38.89	-4.40	54.0	15.11	AV	89.70	100	Vertical	Pass
4	2920.750	47.77	-4.13	74.0	26.23	Peak	280.60	100	Vertical	Pass
4**	2920.750	37.49	-4.13	54.0	16.51	AV	280.60	100	Vertical	Pass
5	5118.000	52.78	1.28	74.0	21.22	Peak	30.00	100	Vertical	Pass
5**	5118.000	42.82	1.28	54.0	11.18	AV	30.00	100	Vertical	Pass
6	6826.000	57.12	5.10	74.0	16.88	Peak	13.60	100	Vertical	Pass
6**	6826.000	46.69	5.10	54.0	7.31	AV	13.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_16.59.51

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

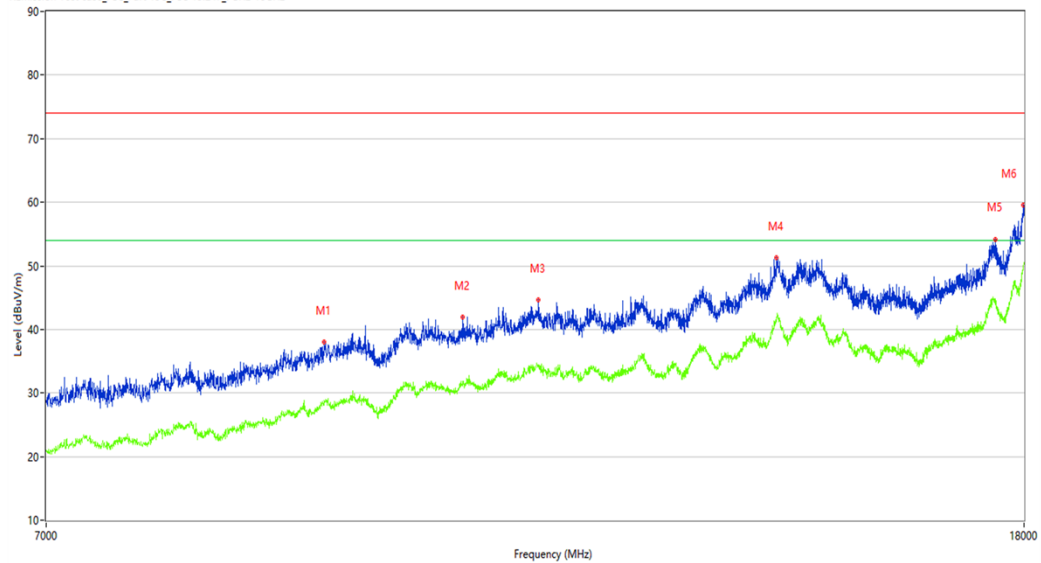
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#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	9158.750	37.99	7.43	74.0	36.01	Peak	0.00	100	Vertical	Pass
1**	9158.750	28.86	7.43	54.0	25.14	AV	0.00	100	Vertical	Pass
2	10465.000	41.92	9.63	74.0	32.08	Peak	1.44	100	Vertical	Pass
2**	10465.000	31.87	9.63	54.0	22.13	AV	1.44	100	Vertical	Pass
3	11262.500	44.63	12.06	74.0	29.37	Peak	0.00	100	Vertical	Pass
3**	11262.500	34.29	12.06	54.0	19.71	AV	0.00	100	Vertical	Pass
4	14174.750	51.22	19.34	74.0	22.78	Peak	0.00	100	Vertical	Pass
4**	14174.750	41.90	19.34	54.0	12.10	AV	0.00	100	Vertical	Pass
5	17510.500	54.15	20.95	74.0	19.85	Peak	3.24	100	Vertical	Pass
5**	17510.500	44.63	20.95	54.0	9.37	AV	3.24	100	Vertical	Pass
6	17980.750	59.61	26.73	74.0	14.39	Peak	3.24	100	Vertical	Pass
6**	17980.750	49.35	26.73	54.0	4.65	AV	3.24	100	Vertical	Pass

BLE-Band edge -High channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-06-10_17:57:30

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

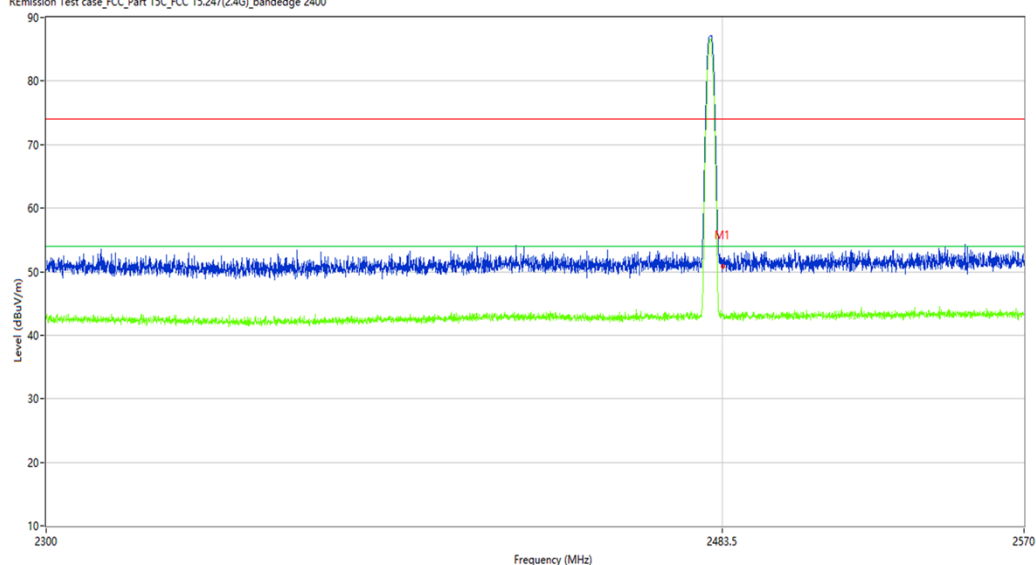
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#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	50.34	-9.51	74.0	23.66	Peak	4.68	100	Horizontal	Pass
1**	2483.500	43.15	-9.51	54.0	10.85	AV	4.68	100	Horizontal	Pass

BLE-Band edge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2023-06-10_17:58.46

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

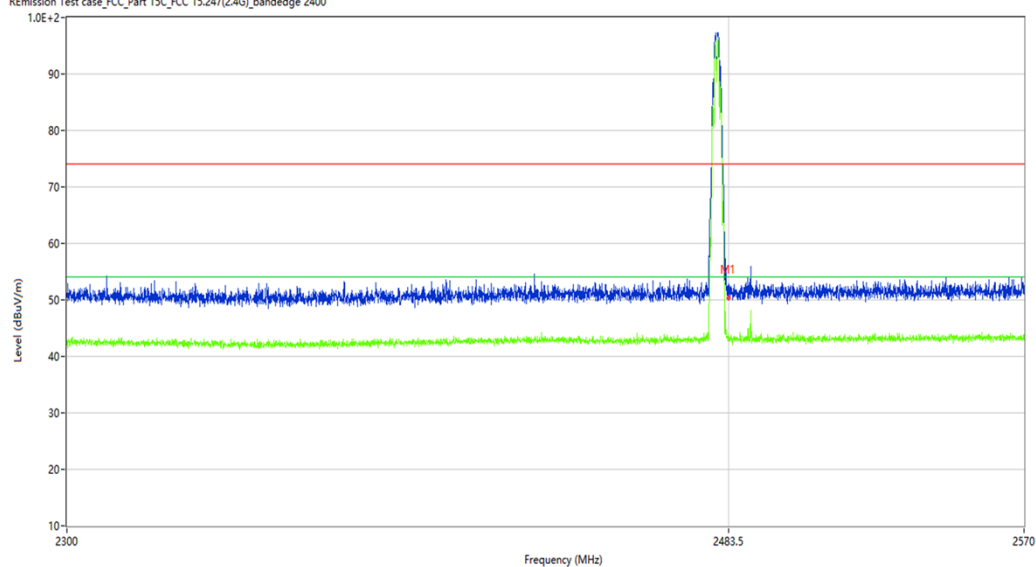
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#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	-9.51	74.0	23.43	Peak	165.97	100	Vertical	Pass
1**	2483.500	43.30	-9.51	54.0	10.70	AV	165.97	100	Vertical	Pass