

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_10.20.55

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: N.A

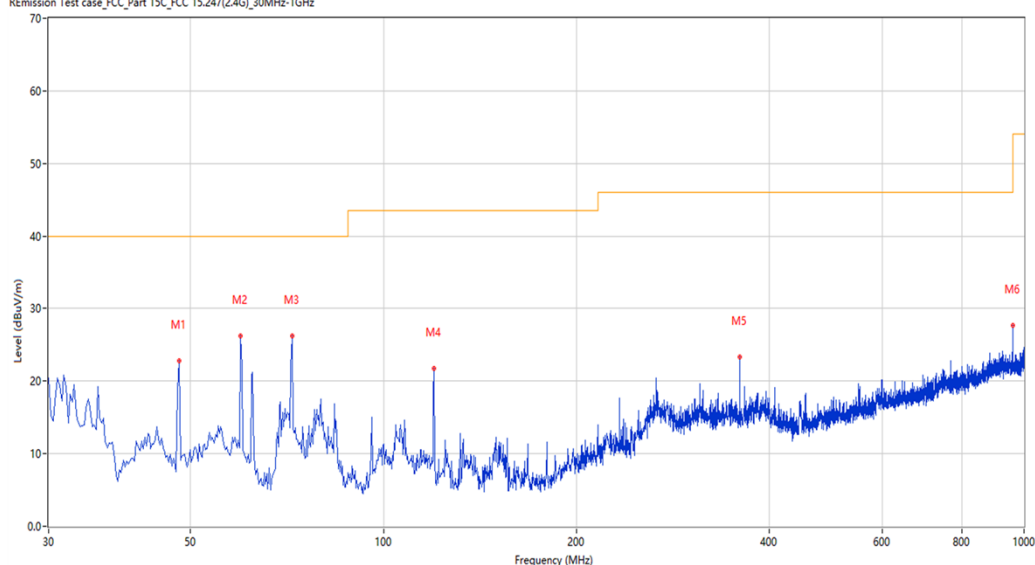
Temp.(oC): 23.4

Load: Full load

Hum.: 53%

Remark: E22110043-03#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	22.81	-25.11	40.0	17.19	Peak	63.40	100	Horizontal	Pass
2	59.820	26.18	-26.24	40.0	13.82	Peak	259.10	100	Horizontal	Pass
3	71.942	26.21	-30.08	40.0	13.79	Peak	88.30	100	Horizontal	Pass
4	119.945	21.72	-28.31	43.5	21.78	Peak	58.60	100	Horizontal	Pass
5	359.960	23.31	-22.28	46.0	22.69	Peak	143.80	100	Horizontal	Pass
6	959.998	27.67	-9.30	46.0	18.33	Peak	93.20	100	Horizontal	Pass

BLE-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.24.13

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: N.A

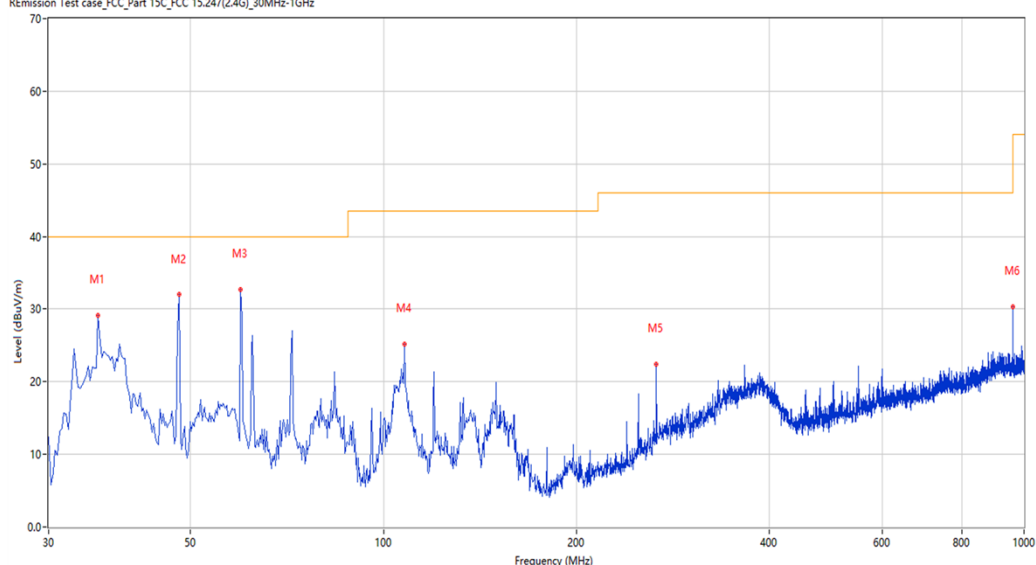
Temp.(oC): 23.4

Load: Full load

Hum.: 53%

Remark: E22110043-03#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	35.819	29.11	-27.78	40.0	10.89	Peak	347.70	100	Vertical	Pass
2	47.941	31.97	-25.11	40.0	8.03	Peak	151.20	100	Vertical	Pass
3	59.820	32.68	-26.24	40.0	7.32	Peak	356.00	100	Vertical	Pass
4	107.823	25.14	-26.74	43.5	18.36	Peak	63.00	100	Vertical	Pass
5	266.378	22.42	-24.47	46.0	23.58	Peak	66.40	100	Vertical	Pass
6	959.998	30.26	-9.30	46.0	15.74	Peak	348.40	100	Vertical	Pass

1-18G

BLE-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_11.05.46

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

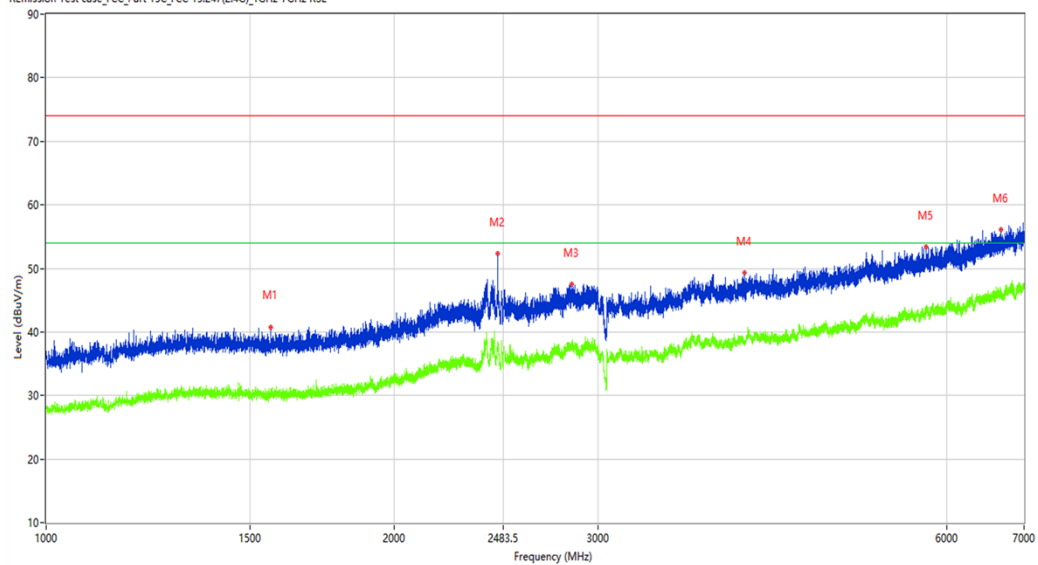
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	1562.750	40.79	-12.98	74.0	33.21	Peak	318.60	100	Horizontal	Pass
1**	1562.750	30.94	-12.98	54.0	23.06	AV	318.60	100	Horizontal	Pass
2	2455.000	52.38	-5.45	74.0	21.62	Peak	216.60	100	Horizontal	Pass
2**	2455.000	37.52	-5.45	54.0	16.48	AV	216.60	100	Horizontal	Pass
3	2847.500	47.47	-3.86	74.0	26.53	Peak	200.20	100	Horizontal	Pass
3**	2847.500	38.21	-3.86	54.0	15.79	AV	200.20	100	Horizontal	Pass
4	4014.000	49.31	-1.02	74.0	24.69	Peak	292.30	100	Horizontal	Pass
4**	4014.000	38.49	-1.02	54.0	15.51	AV	292.30	100	Horizontal	Pass
5	5757.000	53.42	2.09	74.0	20.58	Peak	184.80	100	Horizontal	Pass
5**	5757.000	42.77	2.09	54.0	11.23	AV	184.80	100	Horizontal	Pass
6	6689.000	56.07	4.49	74.0	17.93	Peak	55.70	100	Horizontal	Pass
6**	6689.000	45.95	4.49	54.0	8.05	AV	55.70	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.08.14

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

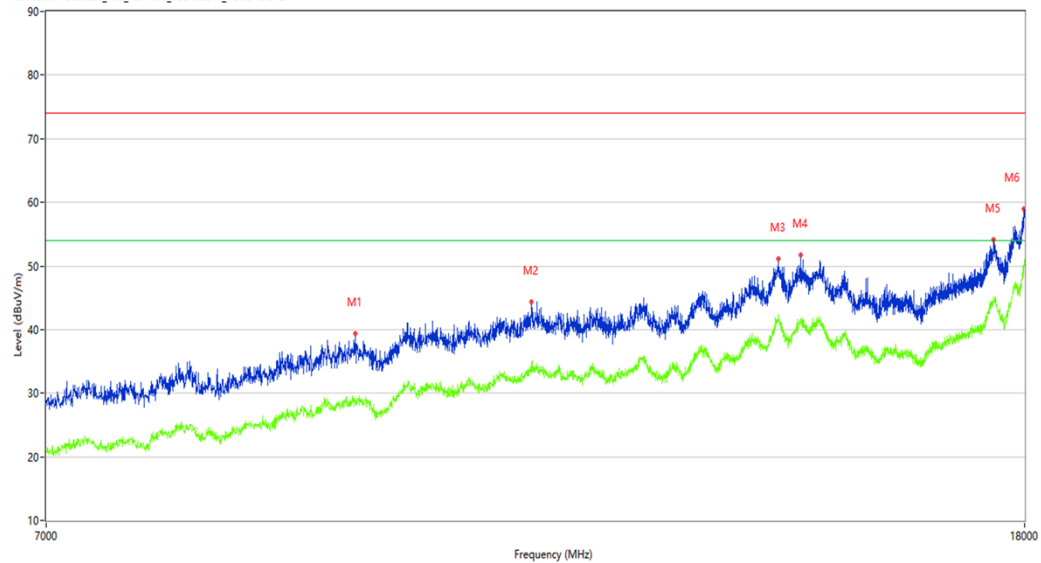
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	9433.750	39.37	7.61	74.0	34.63	Peak	0.00	100	Horizontal	Pass
1**	9433.750	28.88	7.61	54.0	25.12	AV	0.00	100	Horizontal	Pass
2	11185.500	44.41	11.14	74.0	29.59	Peak	0.00	100	Horizontal	Pass
2**	11185.500	34.50	11.14	54.0	19.50	AV	0.00	100	Horizontal	Pass
3	14191.250	51.14	19.69	74.0	22.86	Peak	0.00	100	Horizontal	Pass
3**	14191.250	41.95	19.69	54.0	12.05	AV	0.00	100	Horizontal	Pass
4	14496.500	51.71	17.73	74.0	22.29	Peak	0.00	100	Horizontal	Pass
4**	14496.500	41.60	17.73	54.0	12.40	AV	0.00	100	Horizontal	Pass
5	17474.750	54.20	21.34	74.0	19.80	Peak	1.44	100	Horizontal	Pass
5**	17474.750	45.14	21.34	54.0	8.86	AV	1.44	100	Horizontal	Pass
6	17986.251	58.98	27.07	74.0	15.02	Peak	1.44	100	Horizontal	Pass
6**	17986.251	49.69	27.07	54.0	4.31	AV	1.44	100	Horizontal	Pass

BLE-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_11.00.42

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

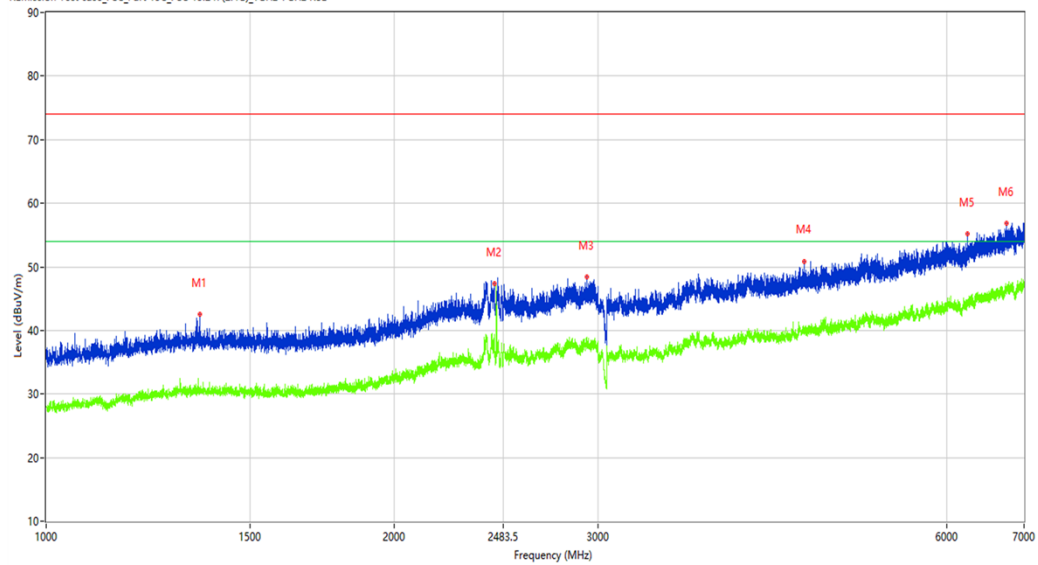
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-03#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	1357.500	42.51	-12.65	74.0	31.49	Peak	186.70	100	Vertical	Pass
1**	1357.500	30.86	-12.65	54.0	23.14	AV	186.70	100	Vertical	Pass
2	2440.000	47.31	-5.15	74.0	26.69	Peak	152.80	100	Vertical	Pass
2**	2440.000	38.55	-5.15	54.0	15.45	AV	152.80	100	Vertical	Pass
3	2930.500	48.43	-4.30	74.0	25.57	Peak	318.60	100	Vertical	Pass
3**	2930.500	38.97	-4.30	54.0	15.03	AV	318.60	100	Vertical	Pass
4	4518.500	50.89	-0.15	74.0	23.11	Peak	214.20	100	Vertical	Pass
4**	4518.500	39.77	-0.15	54.0	14.23	AV	214.20	100	Vertical	Pass
5	6259.000	55.27	2.97	74.0	18.73	Peak	198.20	100	Vertical	Pass
5**	6259.000	44.22	2.97	54.0	9.78	AV	198.20	100	Vertical	Pass
6	6757.500	56.80	4.93	74.0	17.20	Peak	182.50	100	Vertical	Pass
6**	6757.500	46.49	4.93	54.0	7.51	AV	182.50	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.18.16

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

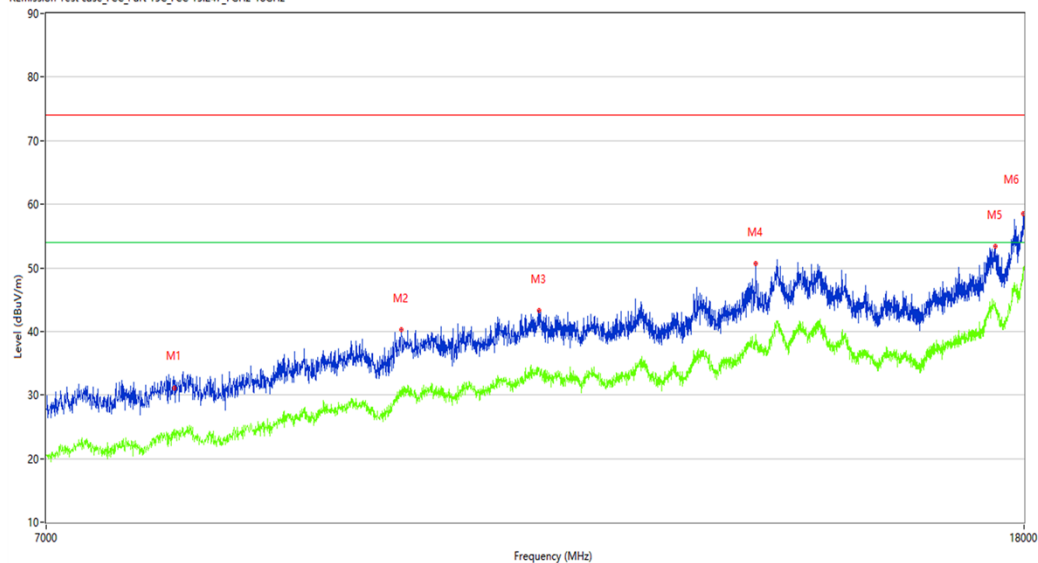
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	7924.000	34.76	3.16	74.0	39.24	Peak	0.00	100	Vertical	Pass
1**	7924.000	24.53	3.16	54.0	29.47	AV	0.00	100	Vertical	Pass
2	9865.500	40.24	9.13	74.0	33.76	Peak	0.00	100	Vertical	Pass
2**	9865.500	30.55	9.13	54.0	23.45	AV	0.00	100	Vertical	Pass
3	11270.750	43.25	12.16	74.0	30.75	Peak	0.00	100	Vertical	Pass
3**	11270.750	34.09	12.16	54.0	19.91	AV	0.00	100	Vertical	Pass
4	13894.250	50.65	15.48	74.0	23.35	Peak	0.00	100	Vertical	Pass
4**	13894.250	39.56	15.48	54.0	14.44	AV	0.00	100	Vertical	Pass
5	17507.750	53.43	21.01	74.0	20.57	Peak	0.00	100	Vertical	Pass
5**	17507.750	44.32	21.01	54.0	9.68	AV	0.00	100	Vertical	Pass
6	17983.500	58.55	26.90	74.0	15.45	Peak	0.00	100	Vertical	Pass
6**	17983.500	50.10	26.90	54.0	3.90	AV	0.00	100	Vertical	Pass

BLE-Band edge -High channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-06-10_18.01.57

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

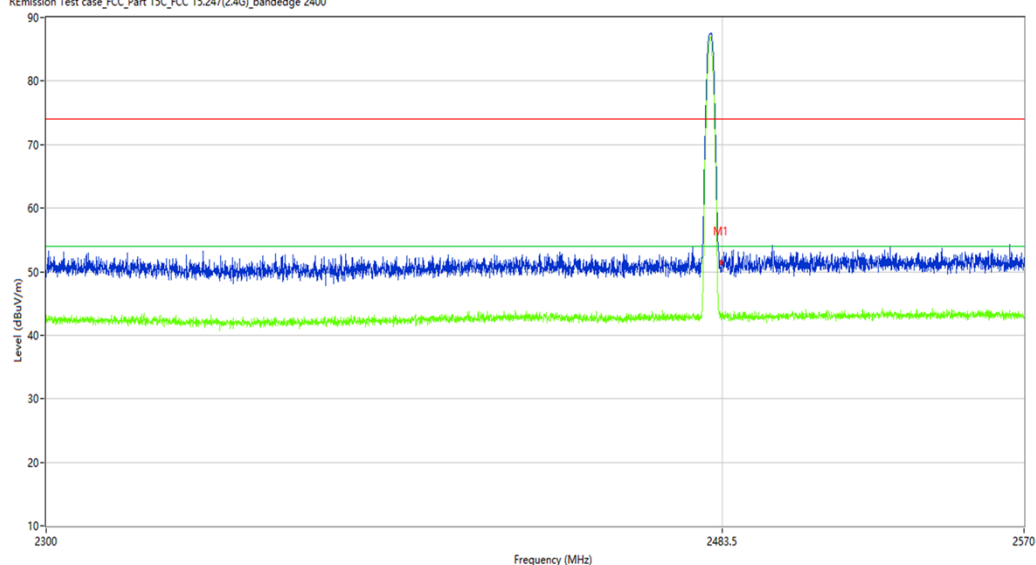
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-03#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	51.55	-9.51	74.0	22.45	Peak	1.87	100	Horizontal	Pass
1**	2483.500	43.25	-9.51	54.0	10.75	AV	1.87	100	Horizontal	Pass

BLE-Band edge -High channel- Vertical –TX

Test result

Project Number: Certification

Test Time: 2023-06-10_18.00.39

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

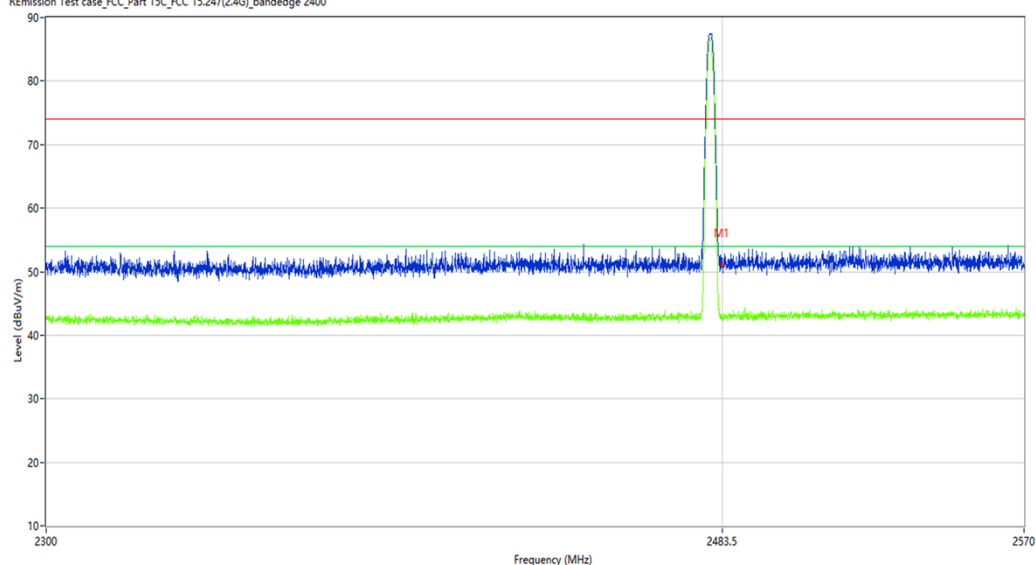
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-03#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	51.06	-9.51	74.0	22.94	Peak	1.49	100	Vertical	Pass
1**	2483.500	42.96	-9.51	54.0	11.04	AV	1.49	100	Vertical	Pass