

WIFI5GB4-AC80-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_16.01.33

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

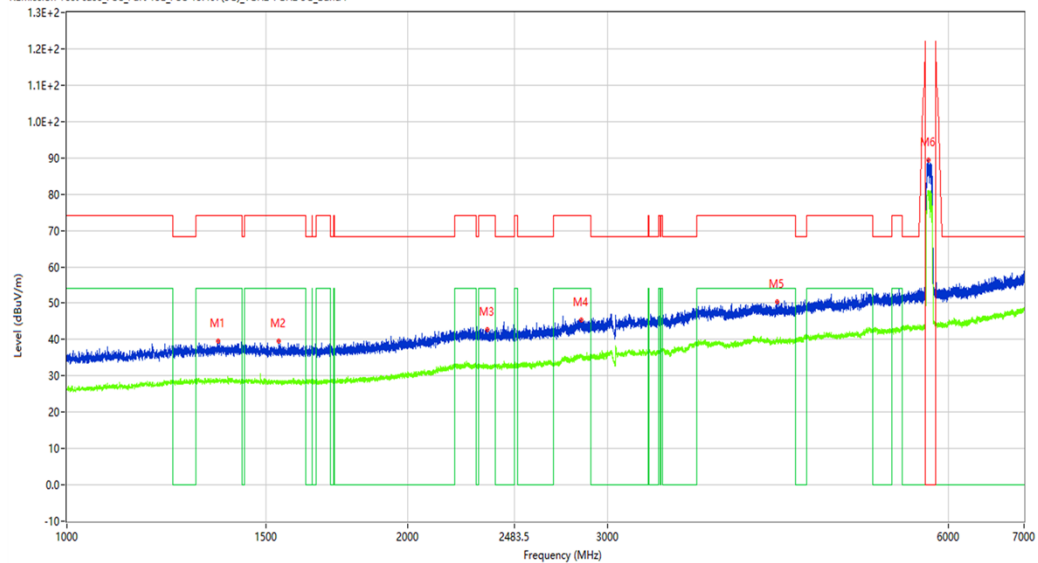
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1360.750	39.51	-14.41	74.0	34.49	Peak	106.80	100	Horizontal	Pass
1**	1360.750	28.71	-14.41	54.0	25.29	AV	106.80	100	Horizontal	Pass
2	1538.250	39.62	-14.83	74.0	34.38	Peak	106.80	100	Horizontal	Pass
2**	1538.250	28.38	-14.83	54.0	25.62	AV	106.80	100	Horizontal	Pass
3	2351.750	42.60	-10.38	74.0	31.40	Peak	324.50	100	Horizontal	Pass
3**	2351.750	32.77	-10.38	54.0	21.23	AV	324.50	100	Horizontal	Pass
4	2847.000	45.42	-6.70	74.0	28.58	Peak	106.80	100	Horizontal	Pass
4**	2847.000	34.99	-6.70	54.0	19.01	AV	106.80	100	Horizontal	Pass
5	4236.000	50.41	-1.53	74.0	23.59	Peak	322.80	100	Horizontal	Pass
5**	4236.000	39.69	-1.53	54.0	14.31	AV	322.80	100	Horizontal	Pass
6	5763.500	89.43	2.19	—	-89.43	Peak	0.00	100	Horizontal	N/A
6**	5763.500	80.74	2.19	—	-80.74	AV	0.00	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_18.04.34

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

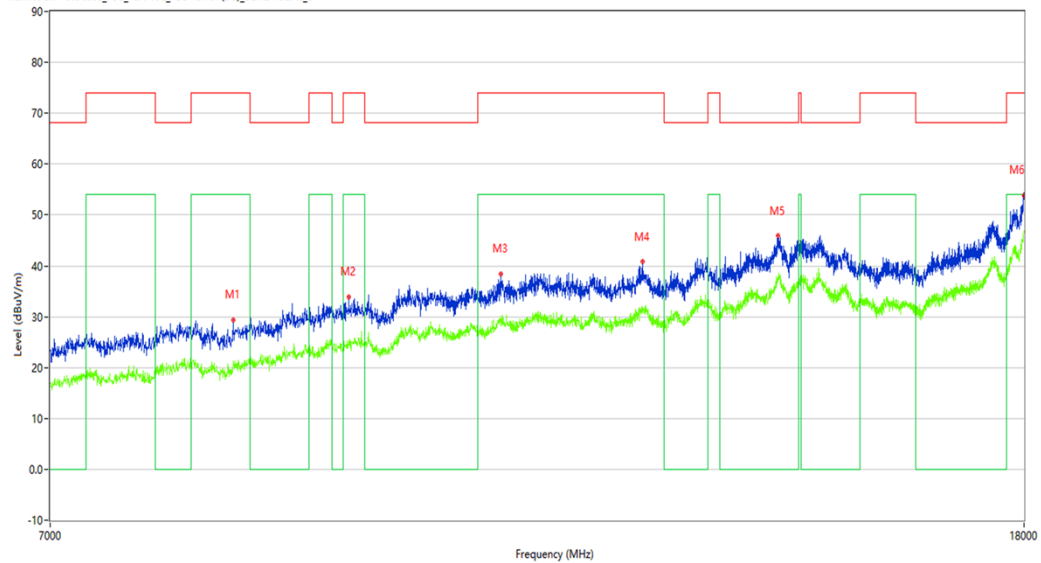
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8358.500	29.40	8.82	74.0	44.60	Peak	1.44	100	Horizontal	Pass
1**	8358.500	21.30	8.82	54.0	32.70	AV	1.44	100	Horizontal	Pass
2	9351.250	33.80	12.51	74.0	40.20	Peak	2.16	100	Horizontal	Pass
2**	9351.250	24.83	12.51	54.0	29.17	AV	2.16	100	Horizontal	Pass
3	10836.250	38.43	15.98	74.0	35.57	Peak	0.00	100	Horizontal	Pass
3**	10836.250	30.20	15.98	54.0	23.80	AV	0.00	100	Horizontal	Pass
4	12436.750	40.93	17.44	74.0	33.07	Peak	3.60	100	Horizontal	Pass
4**	12436.750	30.60	17.44	54.0	23.40	AV	3.60	100	Horizontal	Pass
5	14183.000	45.90	24.60	68.2	22.30	Peak	2.88	100	Horizontal	Pass
5**	14183.000	37.24	24.60	—	-37.24	AV	2.88	100	Horizontal	N/A
6	17994.500	53.90	32.58	74.0	20.10	Peak	1.44	100	Horizontal	Pass
6**	17994.500	46.48	32.58	54.0	7.52	AV	1.44	100	Horizontal	Pass

WIFI5GB4-AC80-Low channel-Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_16.04.01

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

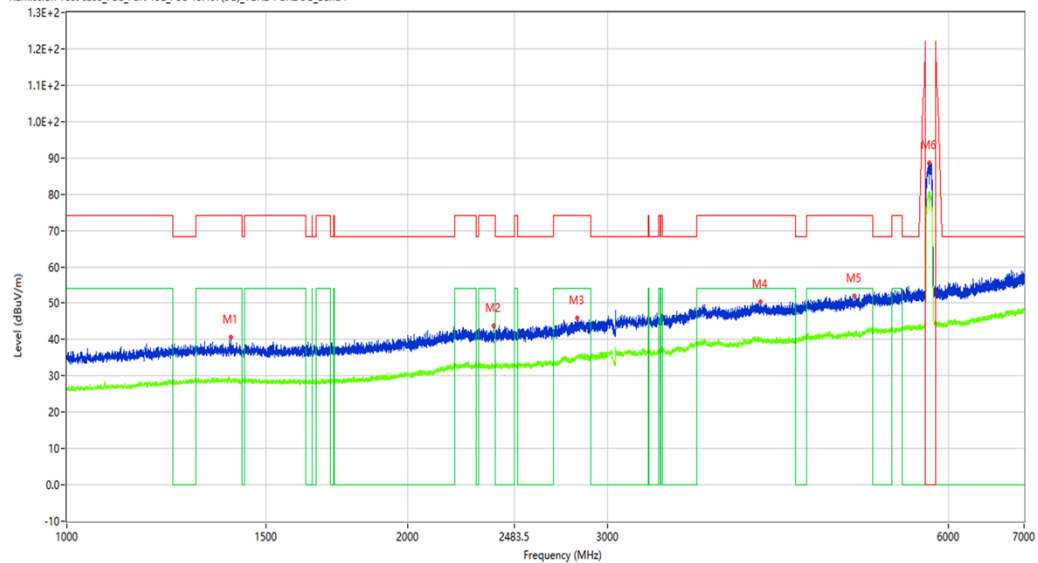
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

Remission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.750	40.75	-14.39	74.0	33.25	Peak	238.70	100	Horizontal	Pass
1**	1396.750	28.48	-14.39	54.0	25.52	AV	238.70	100	Horizontal	Pass
2	2381.250	43.75	-10.09	74.0	30.25	Peak	99.90	100	Horizontal	Pass
2**	2381.250	32.87	-10.09	54.0	21.13	AV	99.90	100	Horizontal	Pass
3	2823.250	45.98	-6.85		28.02	Peak	355.50	100	Horizontal	Pass
3**	2823.250	35.36	-6.85	54.0	18.64	AV	355.50	100	Horizontal	Pass
4	4095.000	50.38	-0.74	74.0	23.62	Peak	254.40	100	Horizontal	Pass
4**	4095.000	39.81	-0.74	54.0	14.19	AV	254.40	100	Horizontal	Pass
5	4955.500	52.09	0.21	74.0	21.91	Peak	131.50	100	Horizontal	Pass
5**	4955.500	41.75	0.21	54.0	12.25	AV	131.50	100	Horizontal	Pass
6	5777.000	88.60	2.37	—	42.90	Peak	131.50	100	Horizontal	Pass
6**	5777.000	78.72	2.37	—	-78.72	AV	131.50	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17.43.02

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

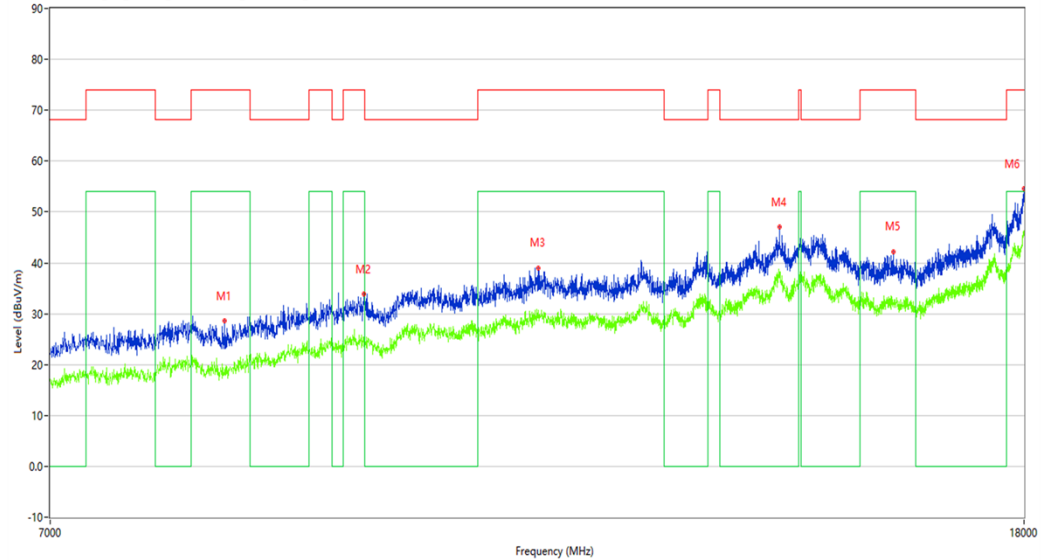
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8292.500	28.51	8.02	74.0	45.49	Peak	1.44	100	Vertical	Pass
1**	8292.500	19.08	8.02	54.0	34.92	AV	1.44	100	Vertical	Pass
2	9491.500	33.82	12.85	74.0	40.18	Peak	2.16	100	Vertical	Pass
2**	9491.500	25.24	12.85	54.0	28.76	AV	2.16	100	Vertical	Pass
3	11235.000	38.99	16.69	74.0	35.01	Peak	1.44	100	Vertical	Pass
3**	11235.000	30.73	16.69	54.0	23.27	AV	1.44	100	Vertical	Pass
4	14202.250	46.97	24.45	68.2	21.23	Peak	0.00	100	Vertical	Pass
4**	14202.250	38.27	24.45	—	-38.27	AV	0.00	100	Vertical	N/A
5	15855.000	42.14	17.36	74.0	31.86	Peak	2.16	100	Vertical	Pass
5**	15855.000	32.11	17.36	54.0	21.89	AV	2.16	100	Vertical	Pass
6	17994.500	54.61	32.58	74.0	19.39	Peak	2.16	100	Vertical	Pass
6**	17994.500	45.51	32.58	54.0	8.49	AV	2.16	100	Vertical	Pass

WIFI5GB1-Bandedge –AC80-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_18.51.46

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

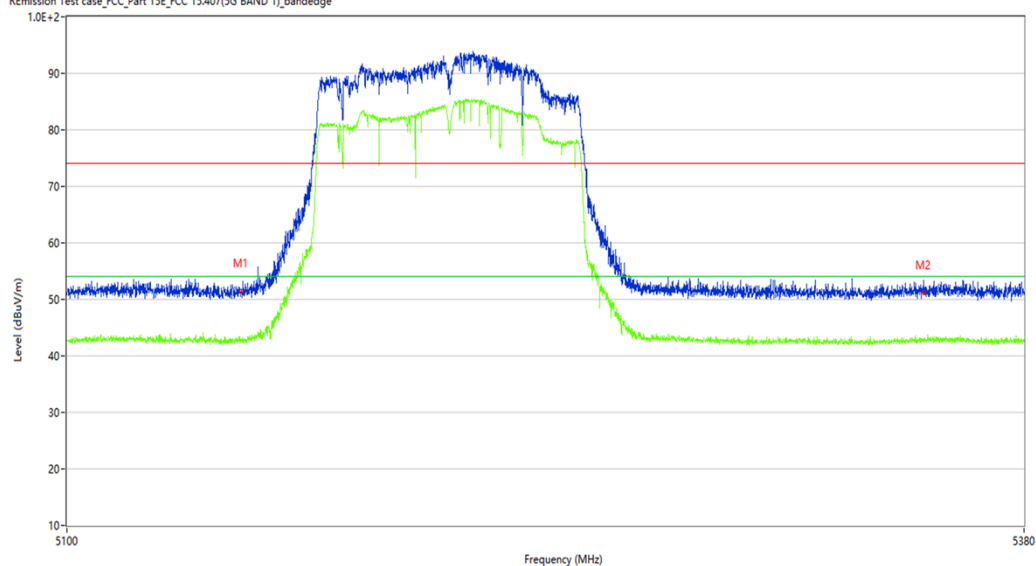
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	51.41	1.15	74.0	22.59	Peak	9.60	100	Horizontal	Pass
1**	5150.000	42.85	1.15	54.0	11.15	AV	9.60	100	Horizontal	Pass
2	5350.000	51.15	0.51	74.0	22.85	Peak	25.22	100	Horizontal	Pass
2**	5350.000	42.74	0.51	54.0	11.26	AV	25.22	100	Horizontal	Pass

WIFI5GB1-Bandedge –AC80-Low channel- Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_18.54.09

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

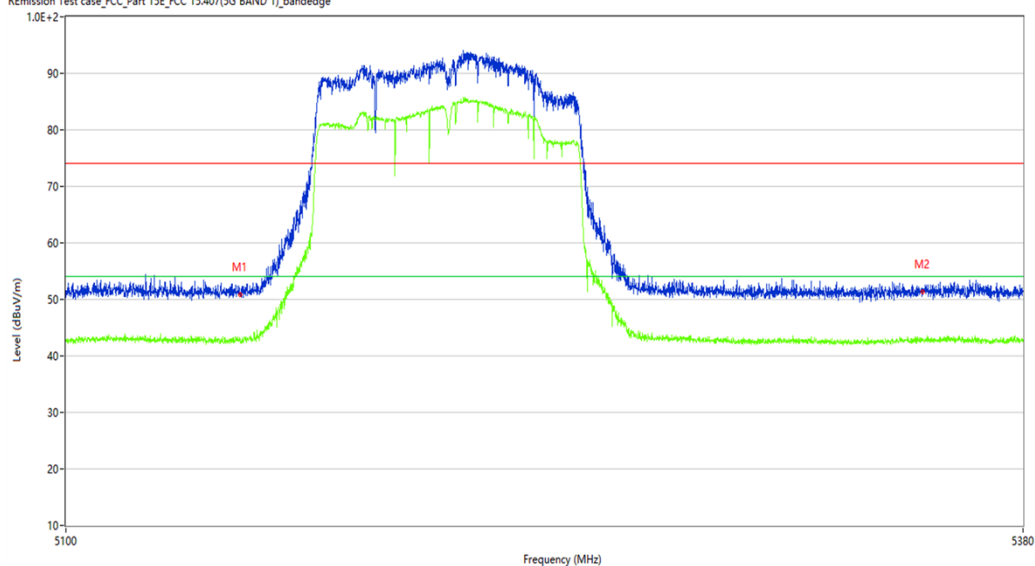
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	50.85	1.15	74.0	23.15	Peak	22.69	100	Vertical	Pass
1**	5150.000	42.32	1.15	54.0	11.68	AV	22.69	100	Vertical	Pass
2	5350.000	51.51	0.51	74.0	22.49	Peak	16.13	100	Vertical	Pass
2**	5350.000	42.76	0.51	54.0	11.24	AV	16.13	100	Vertical	Pass

WIFI5GB4-Bandedge –AC80-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_18.59.08

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

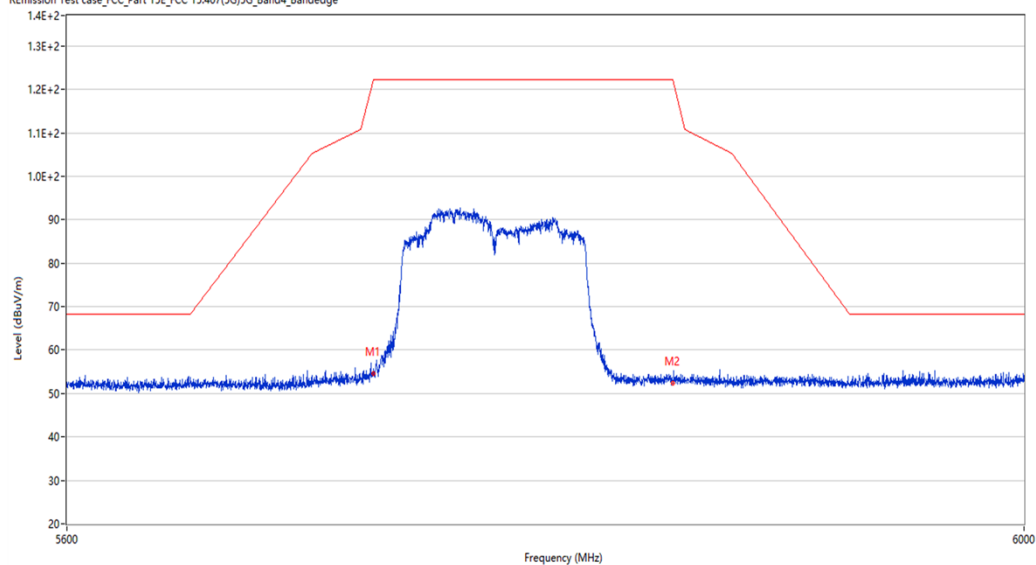
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.59	1.61	122.2	67.61	Peak	5.04	100	Horizontal	Pass
2	5850.000	52.49	2.30	122.2	69.71	Peak	3.96	100	Horizontal	Pass

WIFI5GB4-Bandedge –AC80-Low channel- Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_18.57.59

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

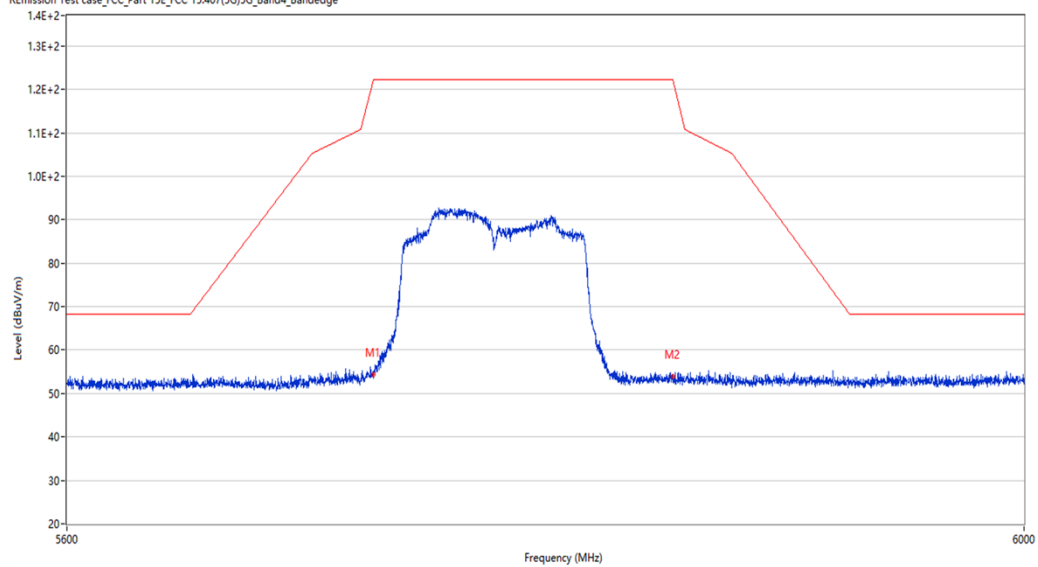
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)5G_Band4_Bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.37	1.61	122.2	67.83	Peak	0.01	100	Vertical	Pass
2	5850.000	53.97	2.30	122.2	68.23	Peak	5.76	100	Vertical	Pass