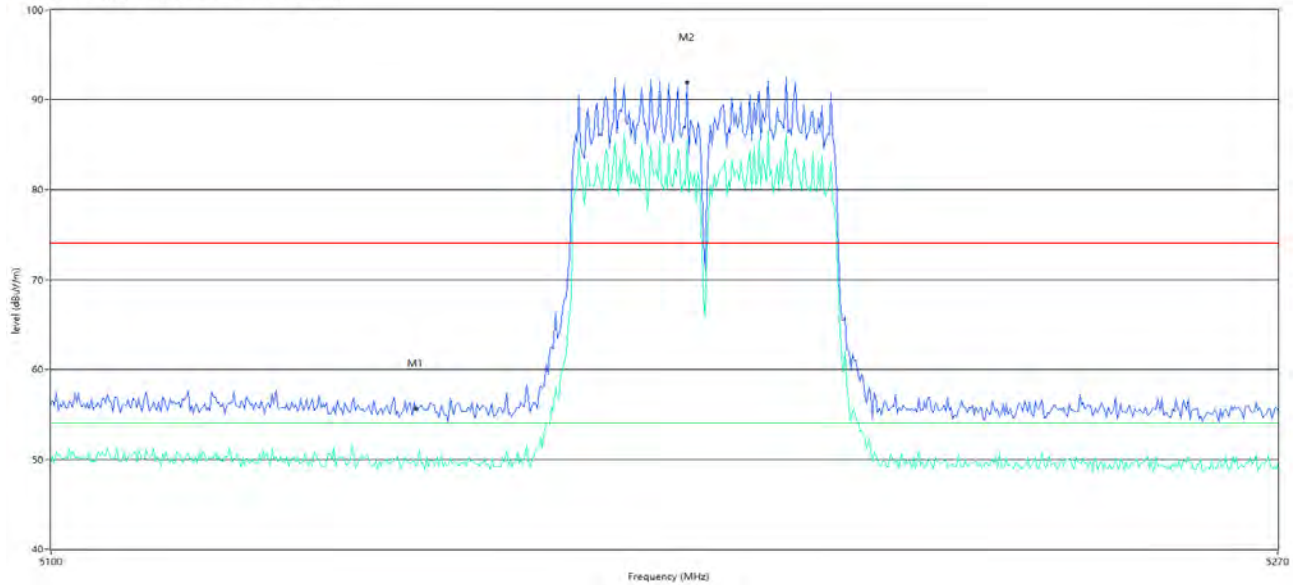


Band I 11ac40 CH38 ANT V

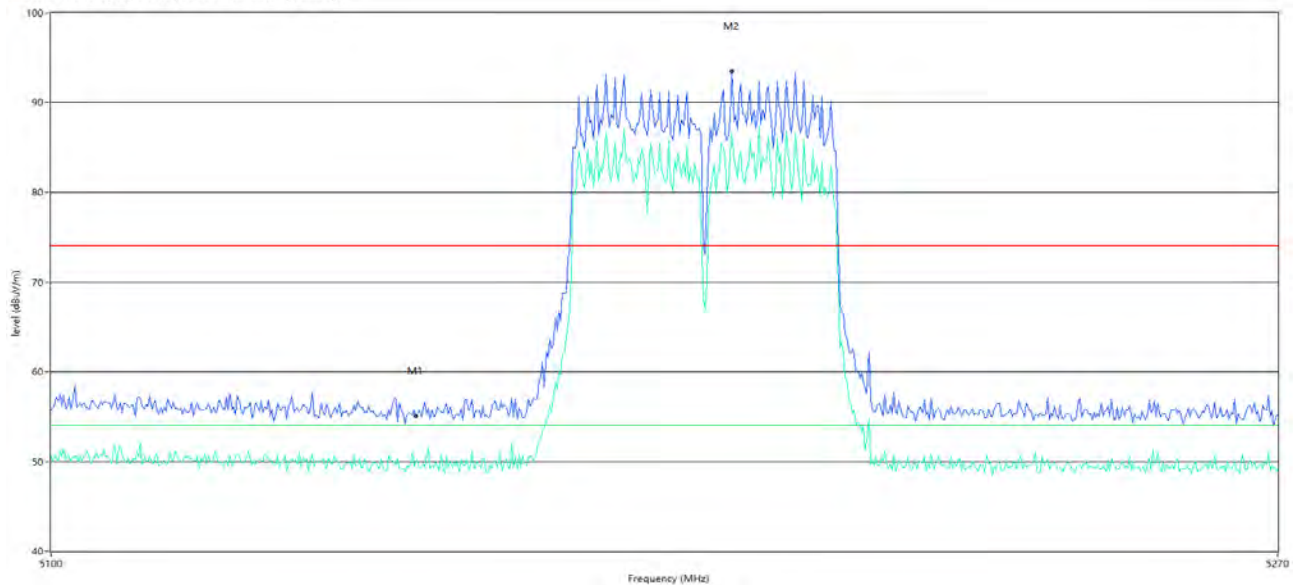
R/Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.3	44.02	54.0	4.70	AV	17.10	150	Vertical	Pass
1	5150.000	55.61	44.02	74.0	18.39	Peak	17.10	150	Vertical	Pass
2**	5187.453	85.6	43.79	54.0	-31.60	AV	307.70	150	Vertical	N.A
2	5187.453	91.96	43.79	74.0	-17.96	Peak	307.70	150	Vertical	N.A

Band I 11ac40 CH38 ANT H

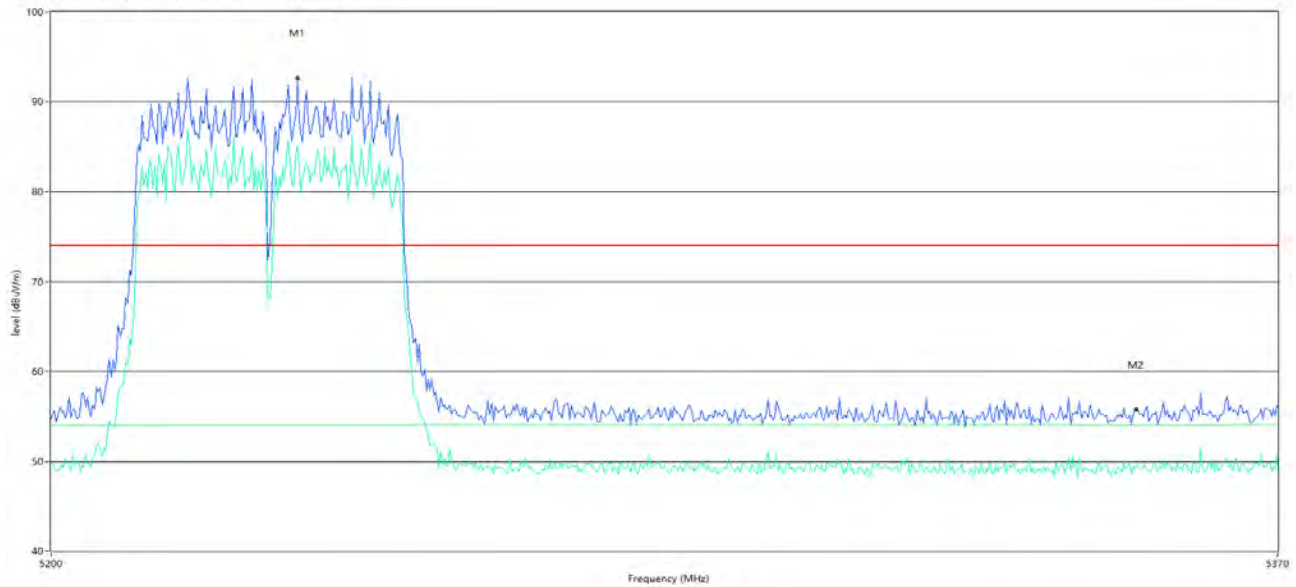
R/Emission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	50.1	44.02	54.0	3.90	AV	275.85	150	Horizontal	Pass
1	5150.000	55.13	44.02	74.0	18.87	Peak	275.85	150	Horizontal	Pass
2**	5193.702	86.5	43.76	54.0	-32.50	AV	328.60	150	Horizontal	N.A
2	5193.702	93.54	43.76	74.0	-19.54	Peak	328.60	150	Horizontal	N.A

Band I 11ac40 CH46 ANT V

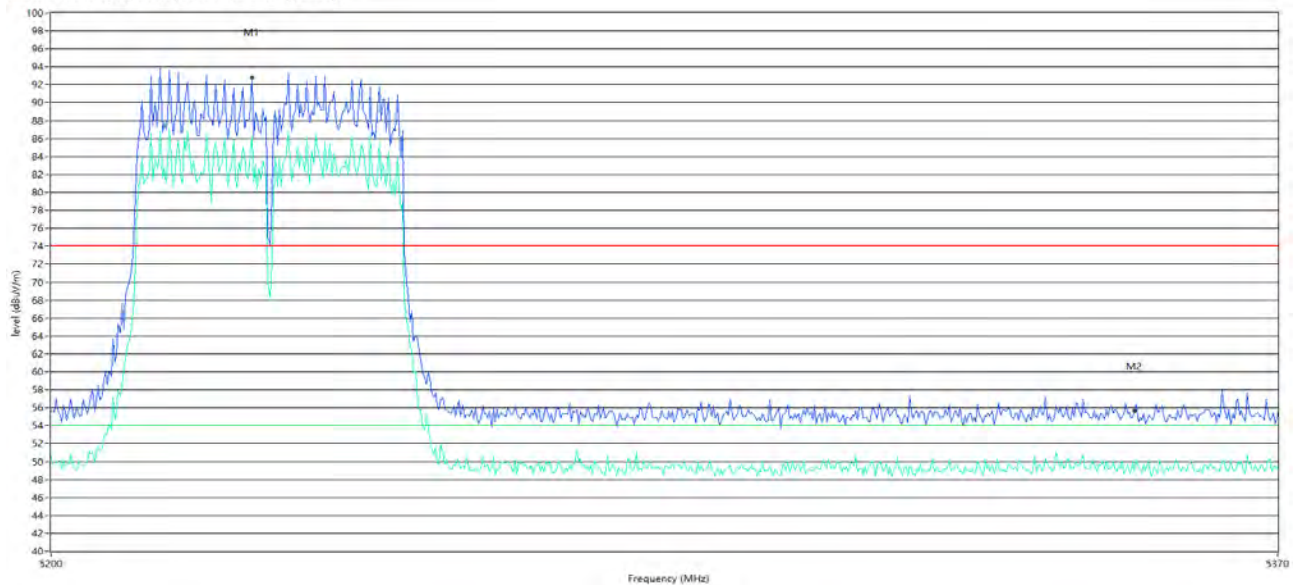
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5233.692	85.2	43.88	54.0	-31.20	AV	316.50	150	Vertical	N.A
1	5233.692	92.67	43.88	74.0	-18.67	Peak	316.50	150	Vertical	N.A
2**	5350.000	49.2	43.88	54.0	4.80	AV	333.86	150	Vertical	Pass
2	5350.000	55.72	43.88	74.0	18.28	Peak	333.86	150	Vertical	Pass

Band I 11ac40 CH46 ANT H

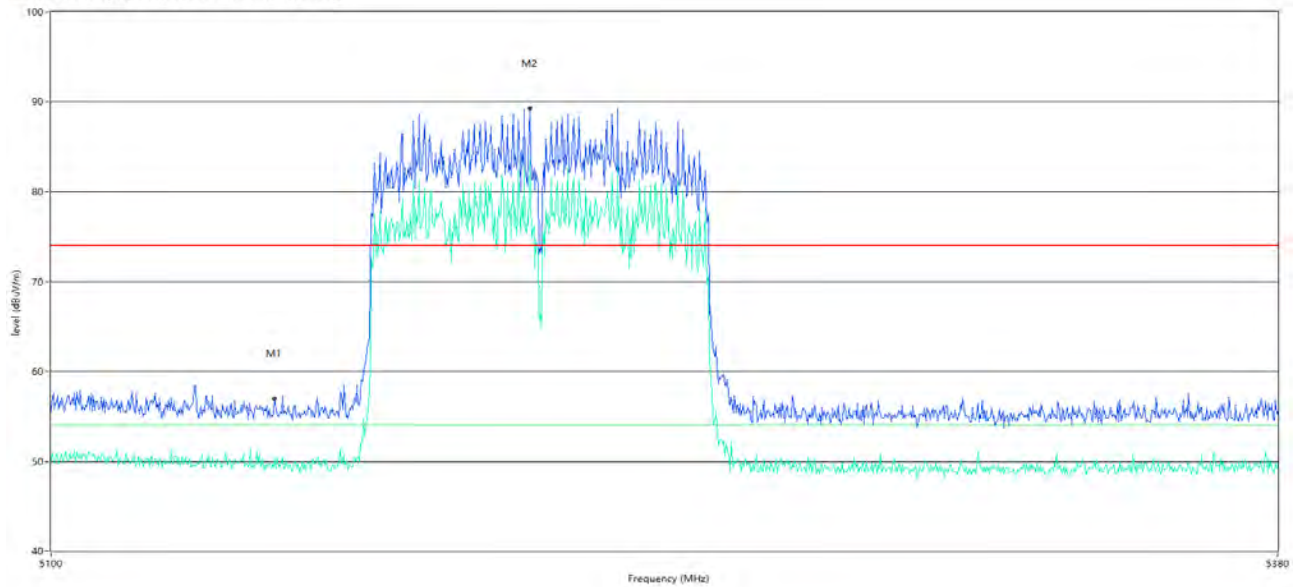
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5227.443	86.2	43.88	54.0	-32.20	AV	341.50	150	Horizontal	N.A
1	5227.443	92.84	43.88	74.0	-18.84	Peak	341.50	150	Horizontal	N.A
2**	5350.000	49.4	43.88	54.0	4.60	AV	334.08	150	Horizontal	Pass
2	5350.000	55.90	43.88	74.0	18.10	Peak	334.08	150	Horizontal	Pass

Band I 11ac80 CH42 ANT V

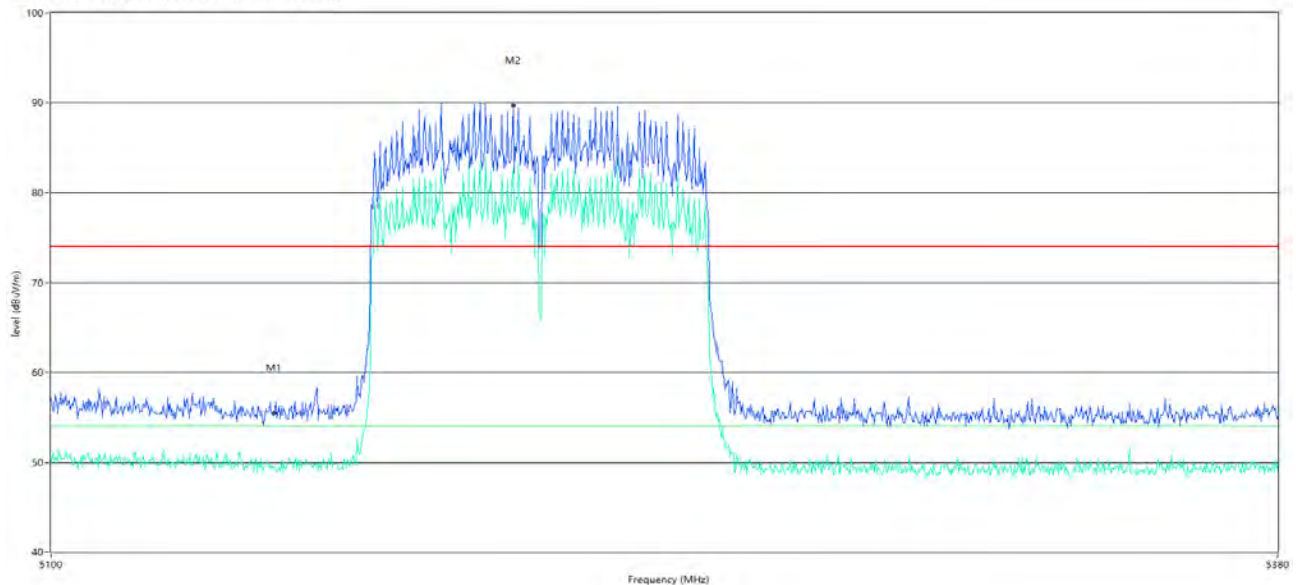
REmission Test case_FCC_Part 15E_FCC 15.407(5G BAND 1)_bandedge



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	50.2	44.02	54.0	3.80	AV	156.88	150	Vertical	Pass
1	5150.000	56.82	44.02	74.0	17.18	Peak	156.88	150	Vertical	Pass
2**	5207.448	83.5	43.85	54.0	-29.50	AV	310.60	150	Vertical	N.A
2	5207.448	89.29	43.85	74.0	-15.29	Peak	310.60	150	Vertical	N.A

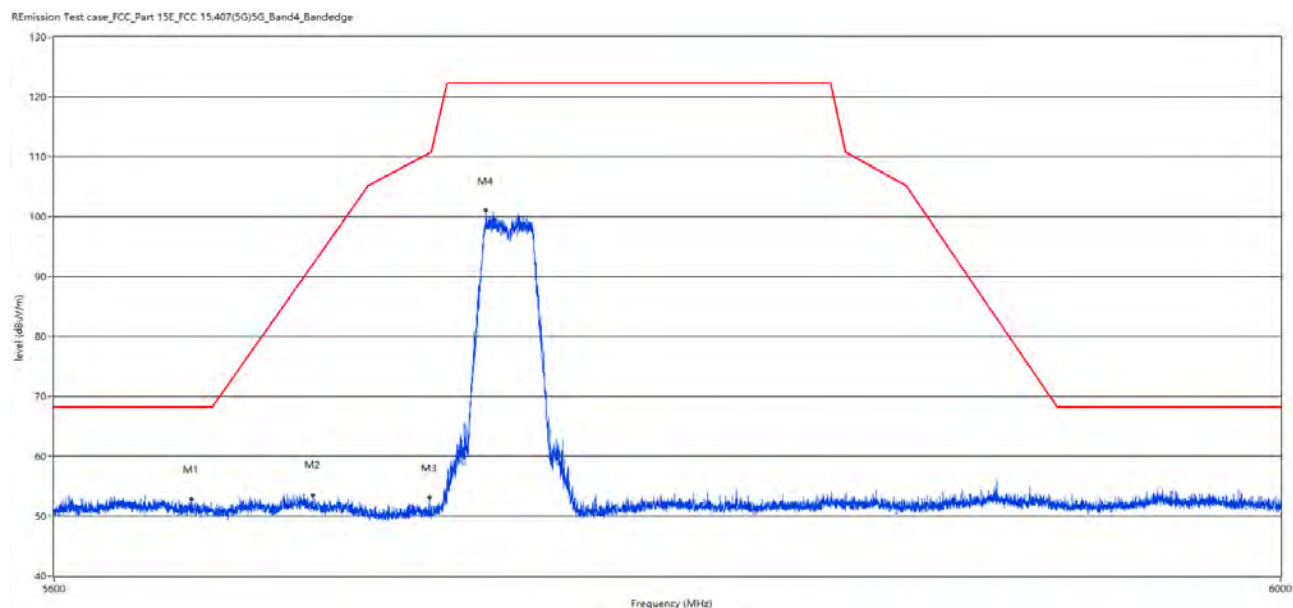
Band I 11ac80 CH42 ANT H

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



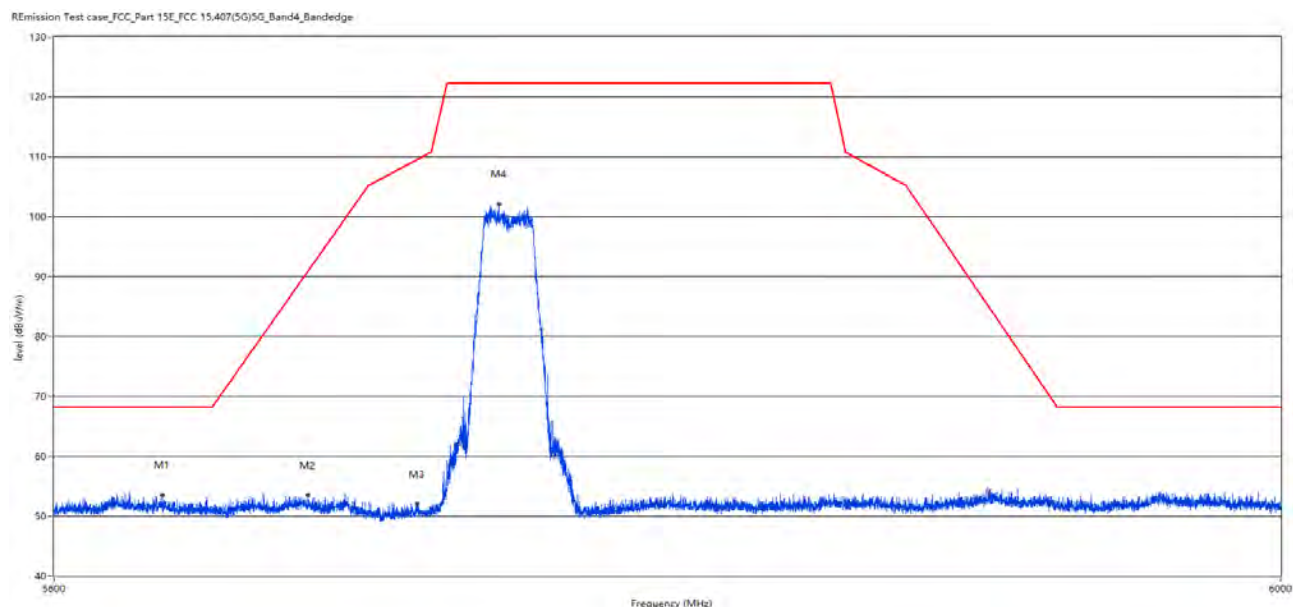
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	5150.000	49.2	44.02	54.0	4.80	AV	30.27	150	Horizontal	Pass
1	5150.000	55.69	44.02	74.0	18.31	Peak	30.27	150	Horizontal	Pass
2**	5203.699	82.7	43.81	54.0	-28.70	AV	327.10	150	Horizontal	N.A
2	5203.699	89.68	43.81	74.0	-15.68	Peak	327.10	150	Horizontal	N.A

Band IV 11a CH149 ANT V



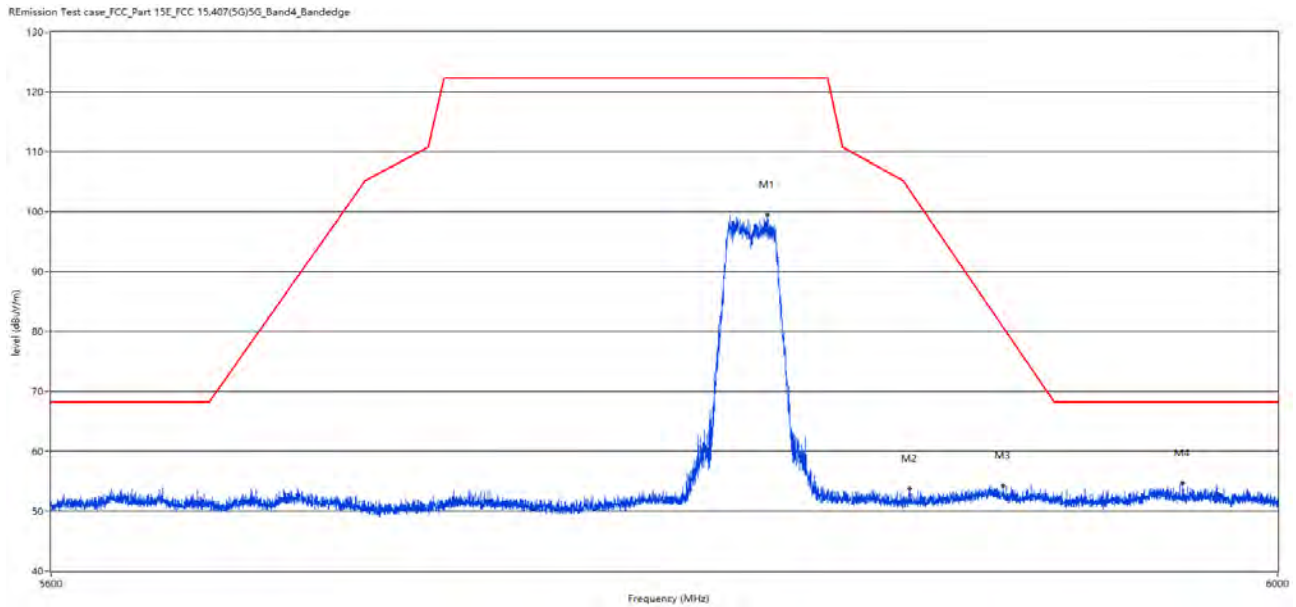
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5643.495	52.80	2.15	68.2	15.40	Peak	99.80	150	Vertical	Pass
2	5682.090	53.55	2.36	92.0	38.45	Peak	1.50	150	Vertical	Pass
3	5719.585	53.11	1.38	110.7	57.59	Peak	317.20	150	Vertical	Pass
4	5737.783	100.99	1.89	122.2	21.21	Peak	340.20	150	Vertical	Pass

Band IV 11a CH149 ANT H



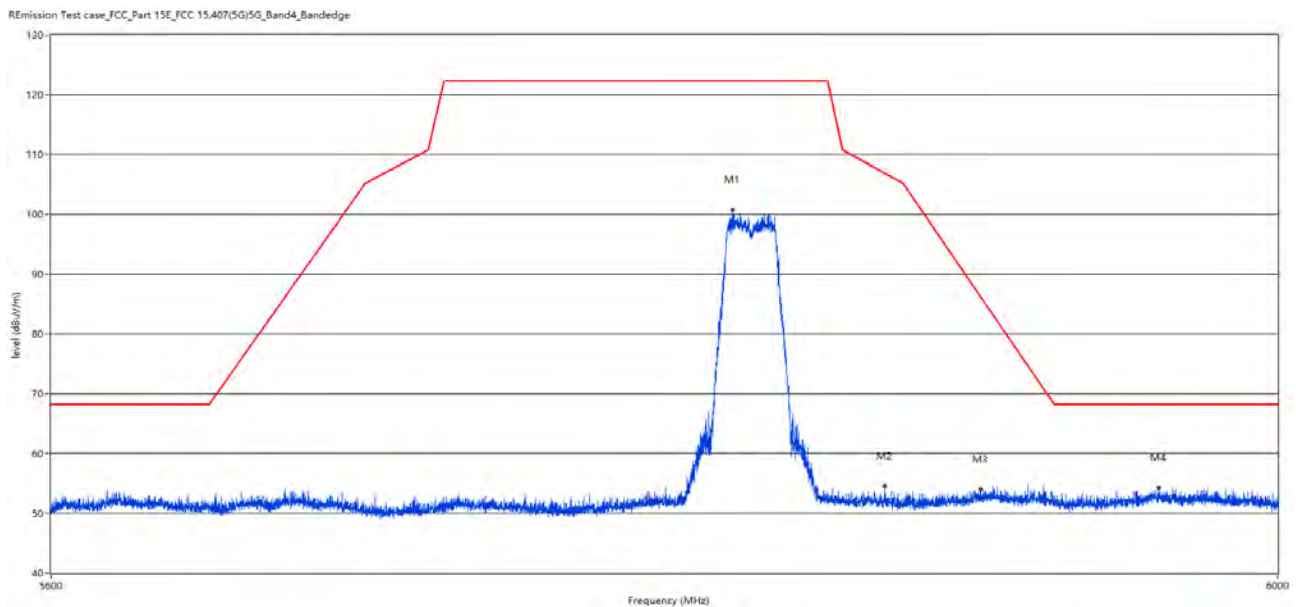
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5634.196	53.48	2.91	68.2	14.72	Peak	210.00	150	Horizontal	Pass
2	5680.540	53.45	2.60	90.8	37.35	Peak	302.70	150	Horizontal	Pass
3	5715.436	52.05	1.60	109.5	57.45	Peak	109.50	150	Horizontal	Pass
4	5741.932	102.05	1.92	122.2	20.15	Peak	171.50	150	Horizontal	Pass

Band IV 11a CH165 ANT V



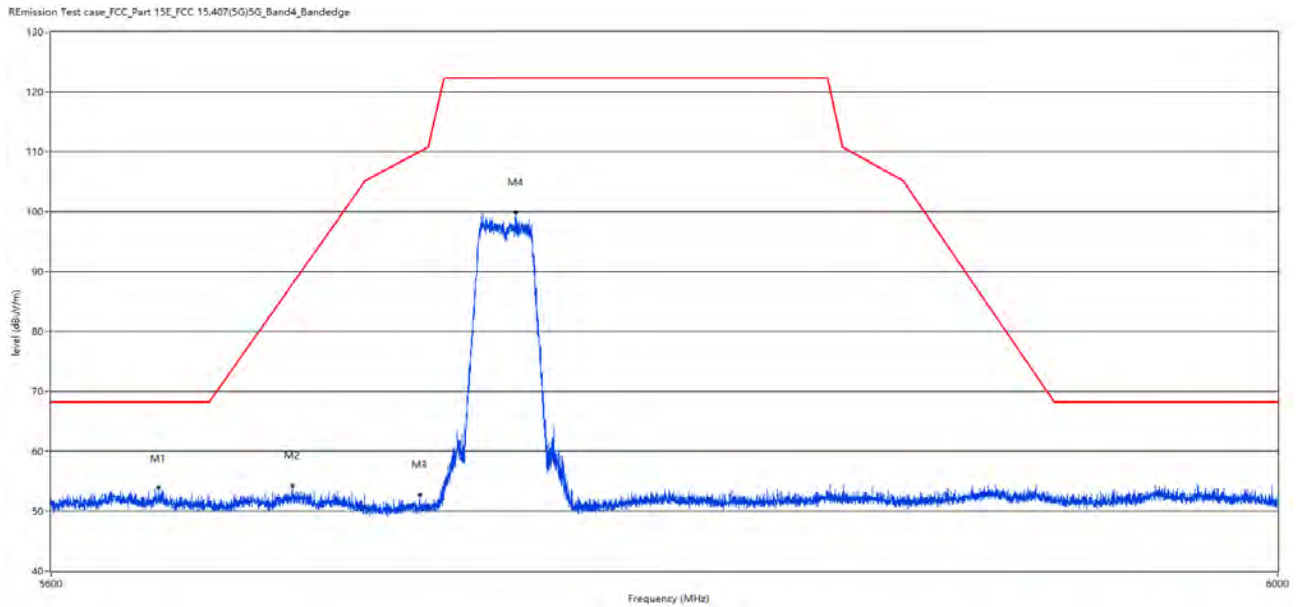
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5830.271	99.50	2.43	122.2	22.70	Peak	30.10	150	Vertical	Pass
2	5876.965	53.74	2.23	103.7	49.96	Peak	360.00	150	Vertical	Pass
3	5908.161	54.23	3.35	80.6	26.37	Peak	1.60	150	Vertical	Pass
4	5968.104	54.69	3.56	68.2	13.51	Peak	359.30	150	Vertical	Pass

Band IV 11a CH165 ANT H



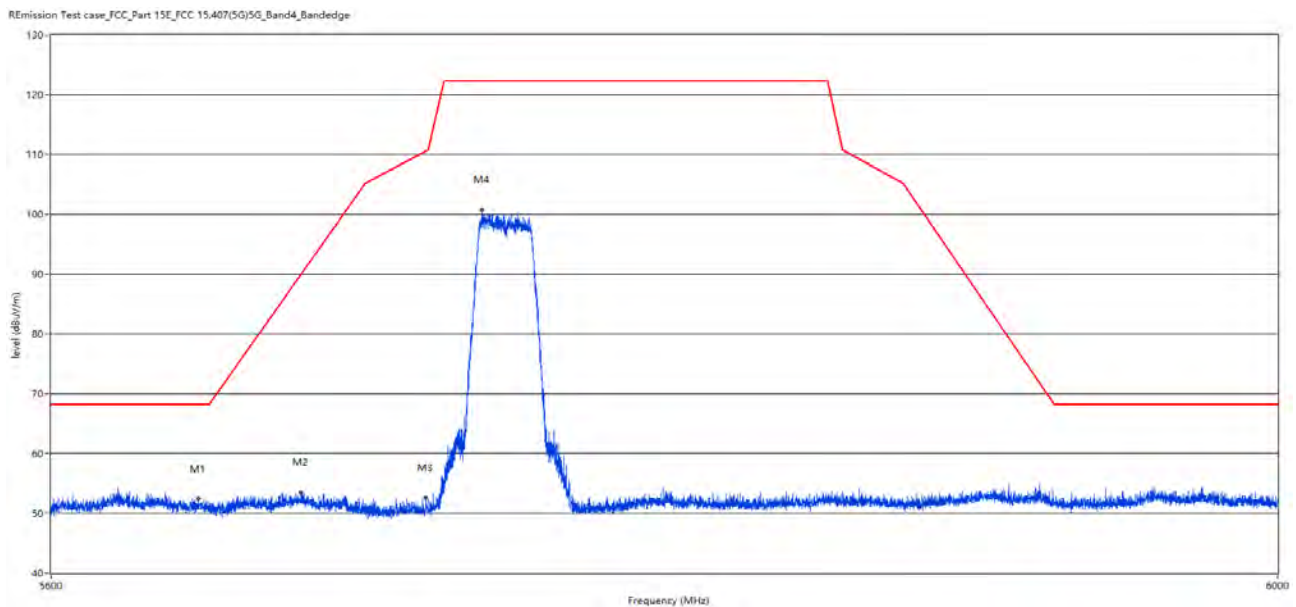
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5818.873	100.82	2.74	122.2	21.38	Peak	175.00	150	Horizontal	Pass
2	5868.966	54.52	2.63	106.9	52.38	Peak	217.50	150	Horizontal	Pass
3	5900.562	53.99	3.33	86.2	32.21	Peak	182.60	150	Horizontal	Pass
4	5959.805	54.32	4.01	68.2	13.88	Peak	39.10	150	Horizontal	Pass

Band IV 11n20 CH149 ANT V



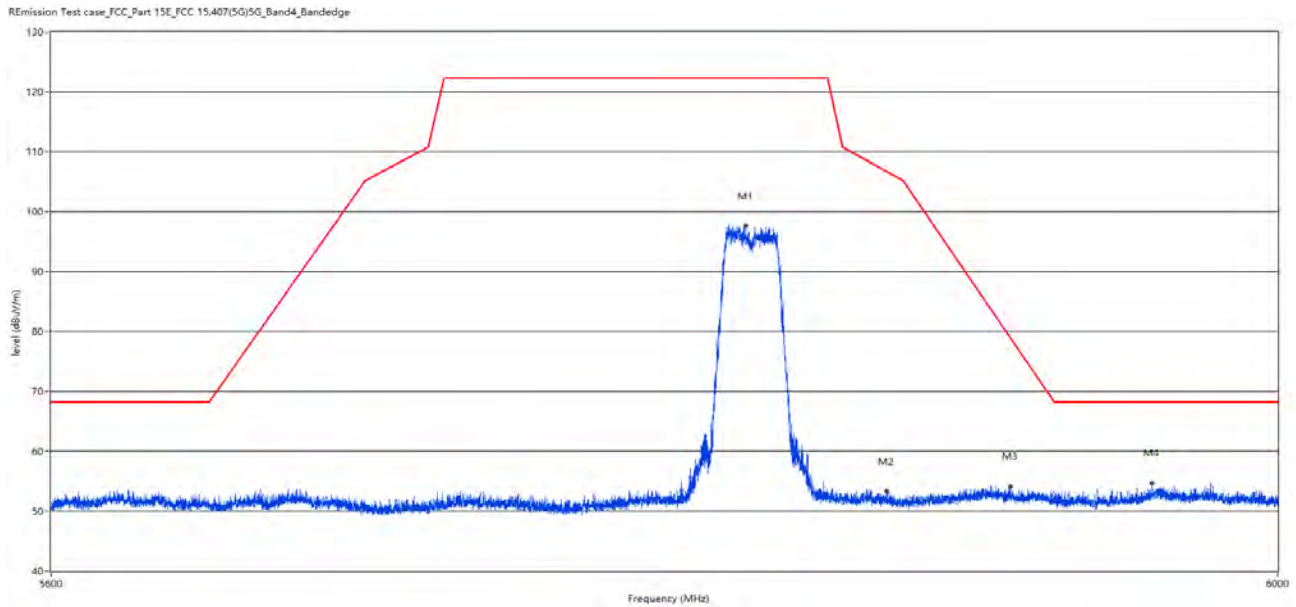
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5633.846	53.84	2.87	68.2	14.36	Peak	210.30	150	Vertical	Pass
2	5676.490	54.34	2.71	87.8	33.46	Peak	263.90	150	Vertical	Pass
3	5717.485	52.73	1.48	110.1	57.37	Peak	91.70	150	Vertical	Pass
4	5748.331	99.88	1.89	122.2	22.32	Peak	337.60	150	Vertical	Pass

Band IV 11n20 CH149 ANT H



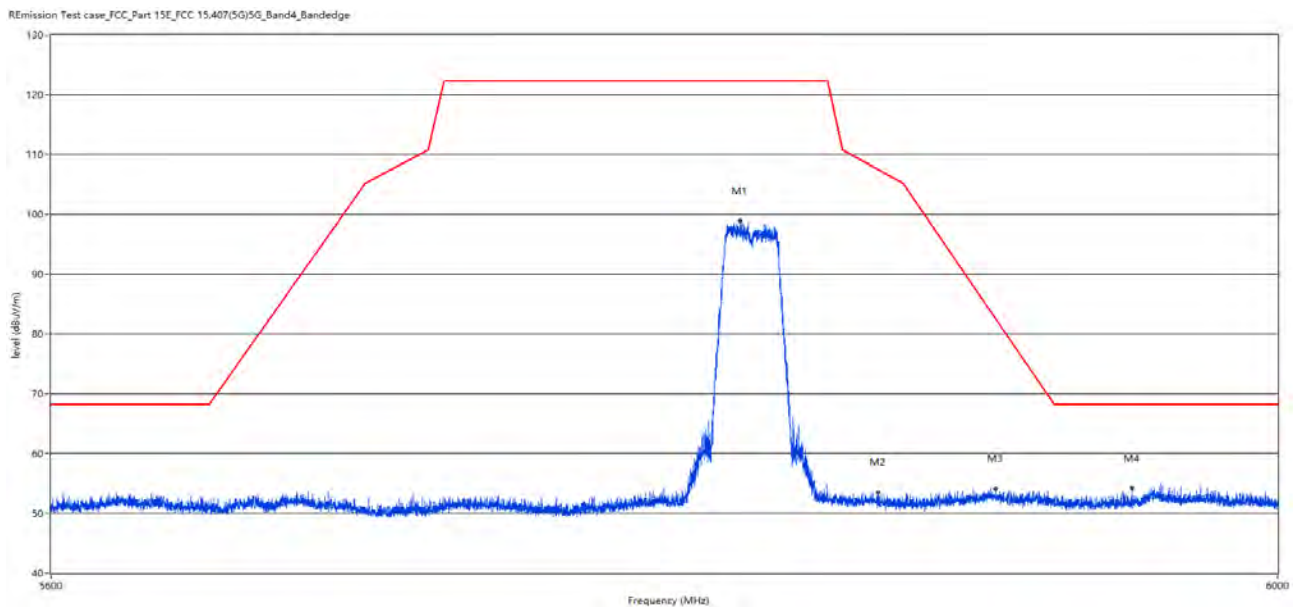
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5646.494	52.45	2.15	68.2	15.75	Peak	301.60	150	Horizontal	Pass
2	5679.290	53.55	2.78	89.9	36.35	Peak	34.30	150	Horizontal	Pass
3	5719.335	52.59	1.37	110.6	58.01	Peak	359.50	150	Horizontal	Pass
4	5737.483	100.73	1.89	122.2	21.47	Peak	336.50	150	Horizontal	Pass

Band IV 11n20 CH165 ANT V



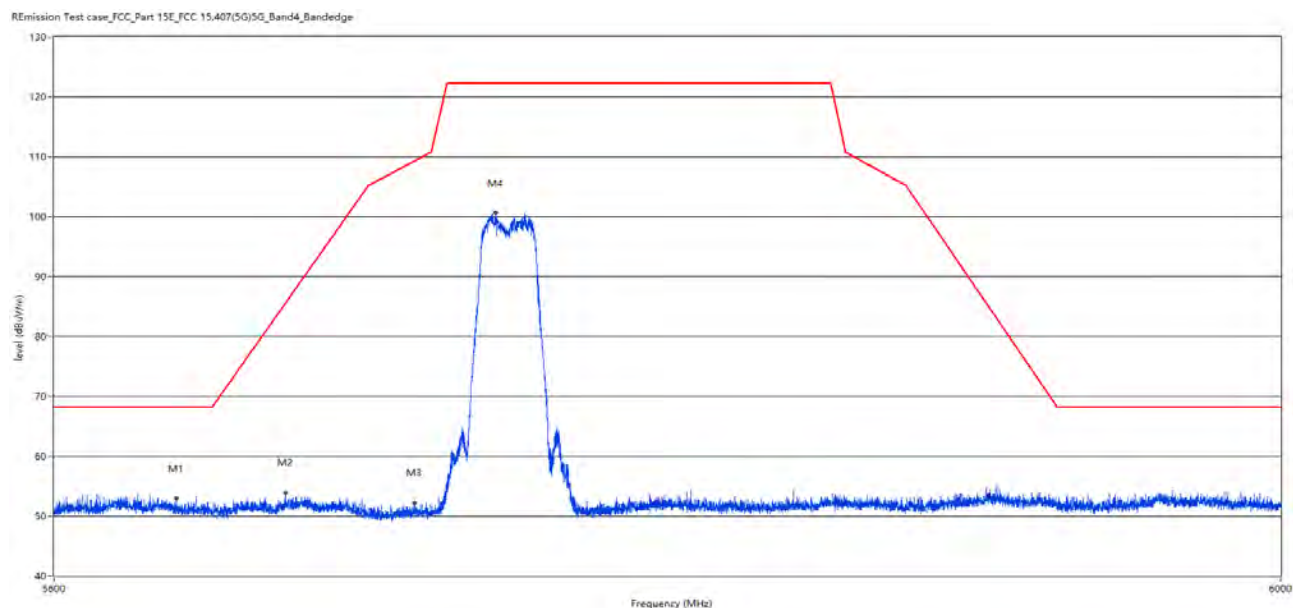
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5823.222	97.63	2.48	122.2	24.57	Peak	337.30	150	Vertical	Pass
2	5869.316	53.32	2.60	106.8	53.48	Peak	190.00	150	Vertical	Pass
3	5910.411	54.11	3.24	79.0	24.89	Peak	74.40	150	Vertical	Pass
4	5957.655	54.72	3.79	68.2	13.48	Peak	47.20	150	Vertical	Pass

Band IV 11n20 CH165 ANT H



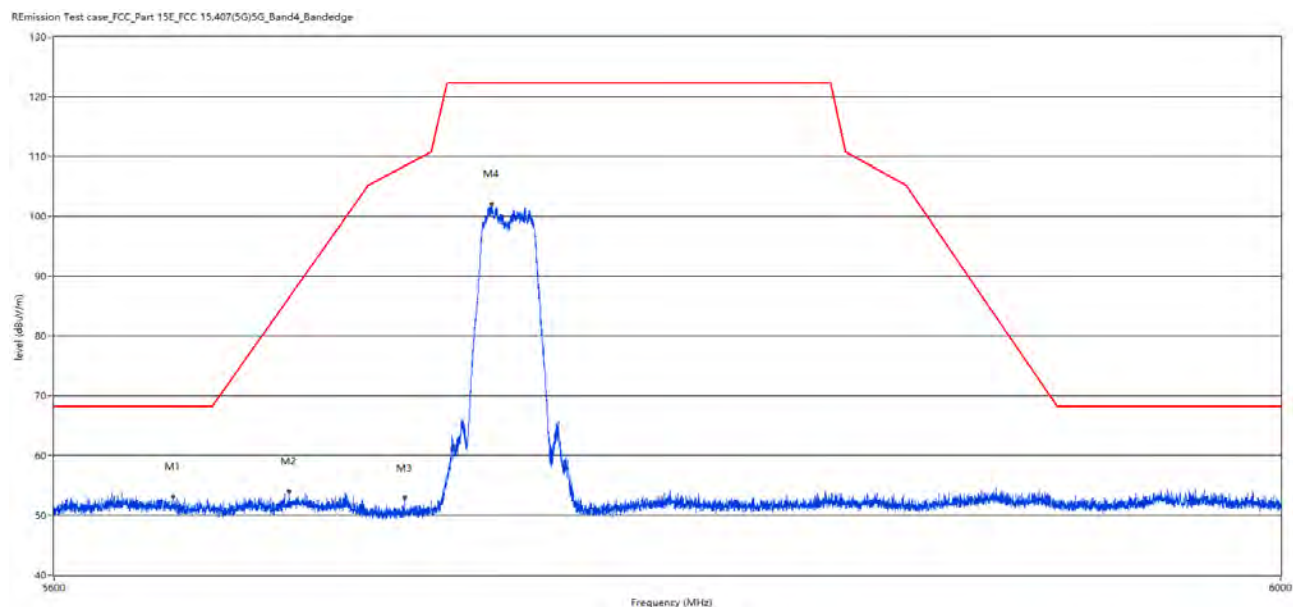
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5821.222	98.93	2.62	122.2	23.27	Peak	177.90	150	Horizontal	Pass
2	5866.667	53.56	2.84	107.5	53.94	Peak	197.20	150	Horizontal	Pass
3	5905.612	54.13	3.61	82.5	28.37	Peak	142.80	150	Horizontal	Pass
4	5951.106	54.29	2.87	68.2	13.91	Peak	309.60	150	Horizontal	Pass

Band IV 11ac20 CH149 ANT V



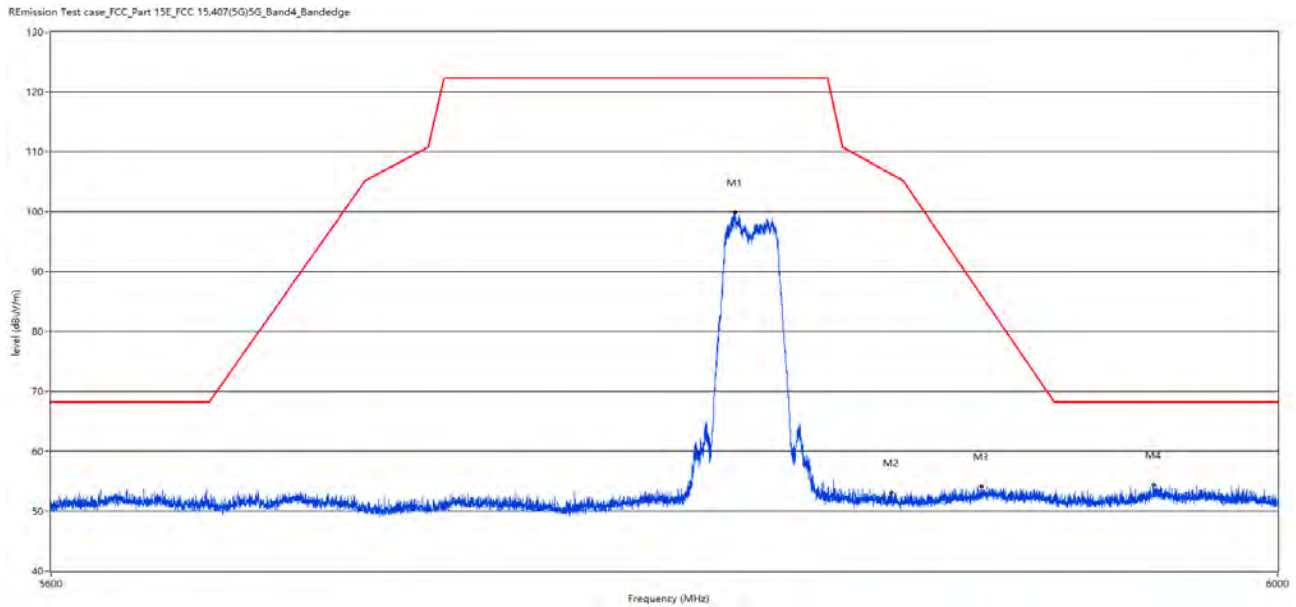
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5638.795	53.01	2.26	68.2	15.19	Peak	176.00	150	Vertical	Pass
2	5673.491	53.87	2.50	85.6	31.73	Peak	88.20	150	Vertical	Pass
3	5714.836	52.19	1.64	109.4	57.21	Peak	345.50	150	Vertical	Pass
4	5740.932	100.60	1.90	122.2	21.60	Peak	333.90	150	Vertical	Pass

Band IV 11ac20 CH149 ANT H



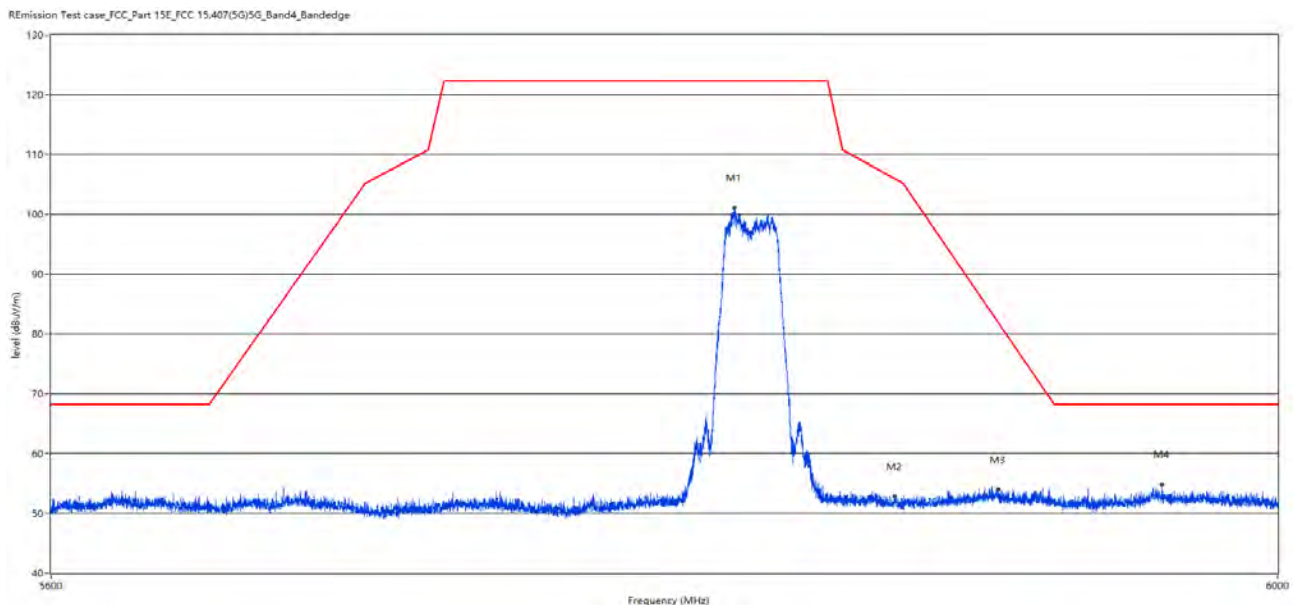
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5637.645	53.09	2.43	68.2	15.11	Peak	145.30	150	Horizontal	Pass
2	5674.441	54.08	2.65	86.3	32.22	Peak	233.50	150	Horizontal	Pass
3	5711.586	52.95	1.57	108.4	55.45	Peak	164.50	150	Horizontal	Pass
4	5739.483	102.08	1.88	122.2	20.12	Peak	179.80	150	Horizontal	Pass

Band IV 11ac20 CH165 ANT V



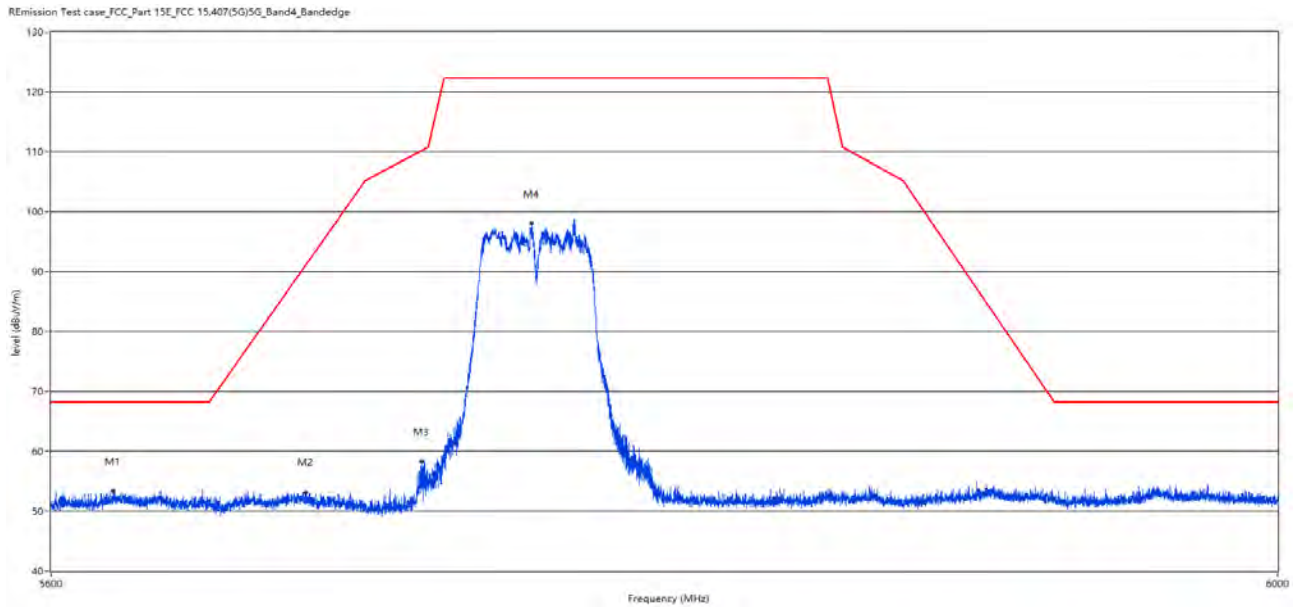
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5819.773	99.90	2.72	122.2	22.30	Peak	342.90	150	Vertical	Pass
2	5871.066	53.17	2.50	106.3	53.13	Peak	130.40	150	Vertical	Pass
3	5900.762	54.14	3.35	86.1	31.96	Peak	284.80	150	Vertical	Pass
4	5958.355	54.44	3.93	68.2	13.76	Peak	254.00	150	Vertical	Pass

Band IV 11ac20 CH165 ANT H



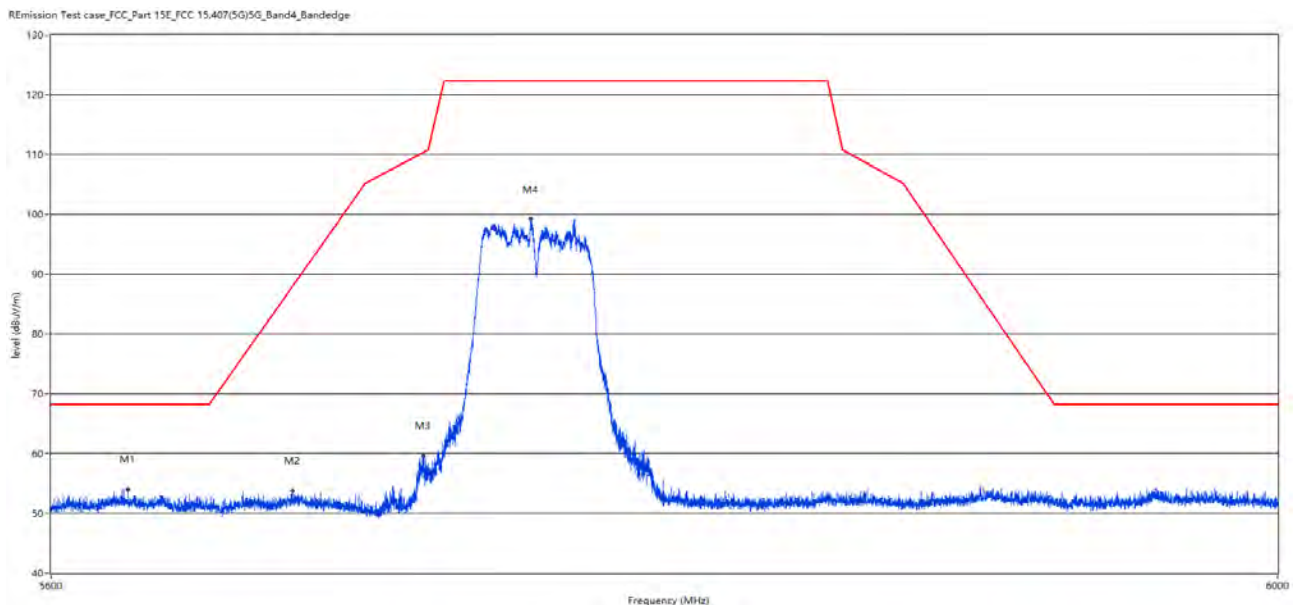
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5819.473	101.09	2.74	122.2	21.11	Peak	172.00	150	Horizontal	Pass
2	5872.266	52.88	2.43	106.0	53.12	Peak	125.50	150	Horizontal	Pass
3	5906.412	54.00	3.52	81.9	27.90	Peak	60.10	150	Horizontal	Pass
4	5961.005	54.84	3.91	68.2	13.36	Peak	279.70	150	Horizontal	Pass

Band IV 11ac40 CH151 ANT V



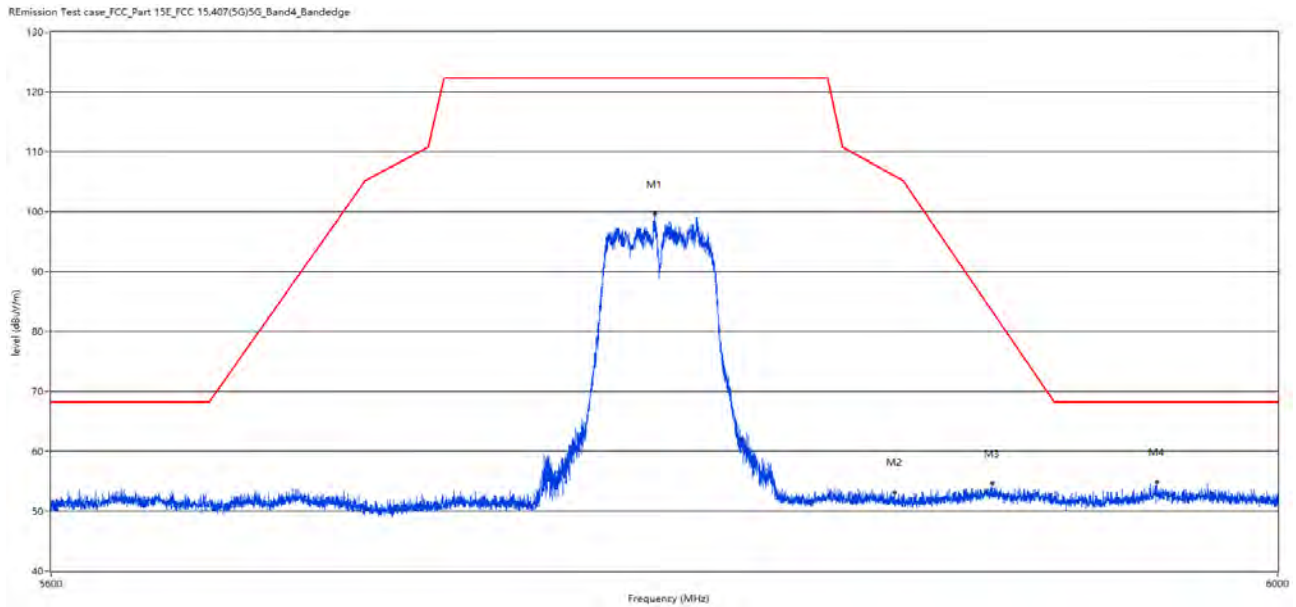
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5619.698	53.42	3.23	68.2	14.78	Peak	64.00	150	Vertical	Pass
2	5680.940	53.18	2.54	91.1	37.92	Peak	237.50	150	Vertical	Pass
3	5717.935	58.33	1.45	110.2	51.87	Peak	337.60	150	Vertical	Pass
4	5753.531	98.01	1.77	122.2	24.19	Peak	333.60	150	Vertical	Pass

Band IV 11ac40 CH151 ANT H



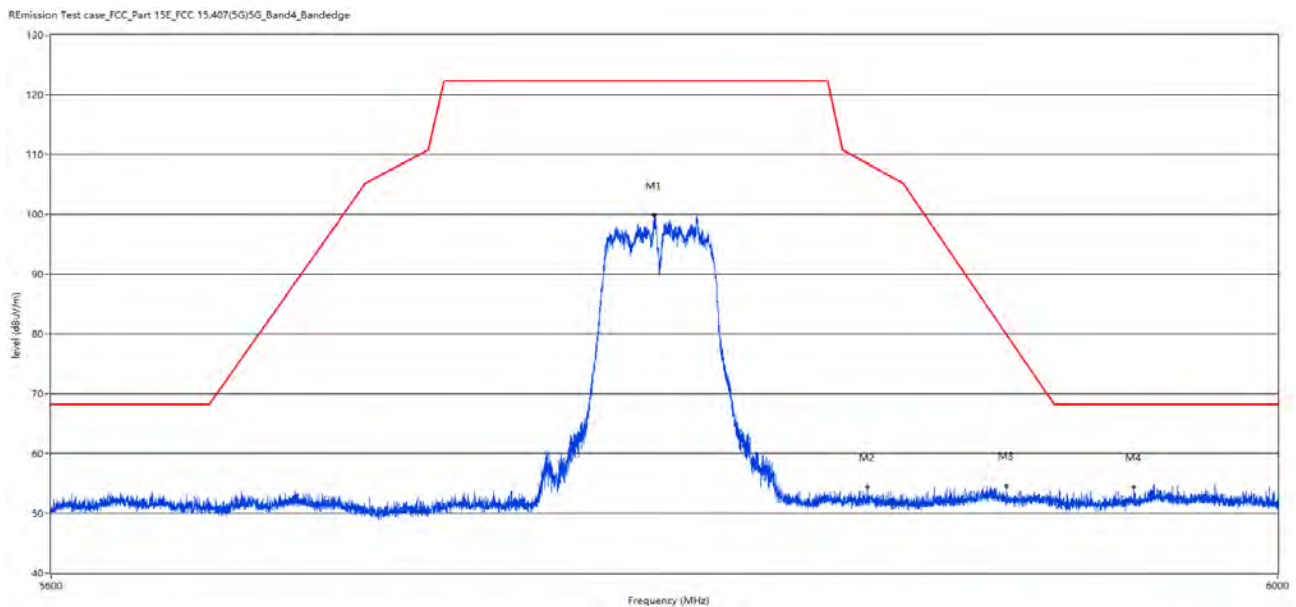
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5624.347	54.01	2.91	68.2	14.19	Peak	251.20	150	Horizontal	Pass
2	5676.490	53.82	2.71	87.8	33.98	Peak	348.30	150	Horizontal	Pass
3	5718.435	59.62	1.42	110.4	50.78	Peak	185.30	150	Horizontal	Pass
4	5753.231	99.18	1.78	122.2	23.02	Peak	177.60	150	Horizontal	Pass

Band IV 11ac40 CH159 ANT V



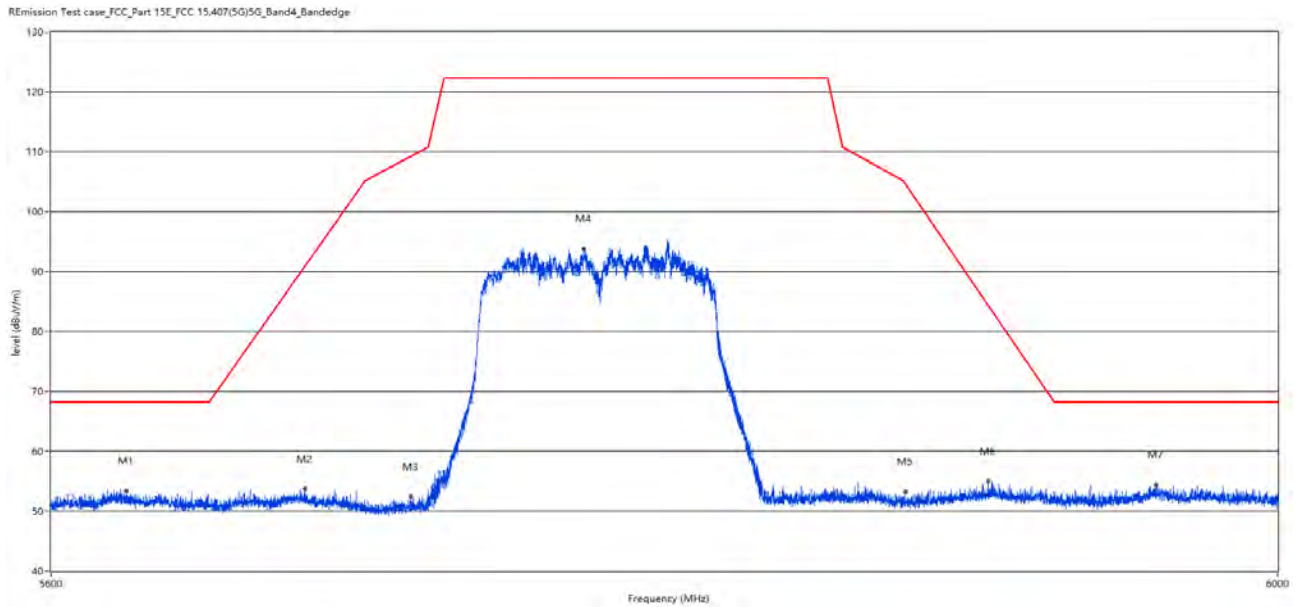
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5793.526	99.57	2.55	122.2	22.63	Peak	341.70	150	Vertical	Pass
2	5872.016	53.06	2.45	106.0	52.94	Peak	318.50	150	Vertical	Pass
3	5904.462	54.71	3.72	83.4	28.69	Peak	337.80	150	Vertical	Pass
4	5959.255	54.87	4.06	68.2	13.33	Peak	358.90	150	Vertical	Pass

Band IV 11ac40 CH159 ANT H



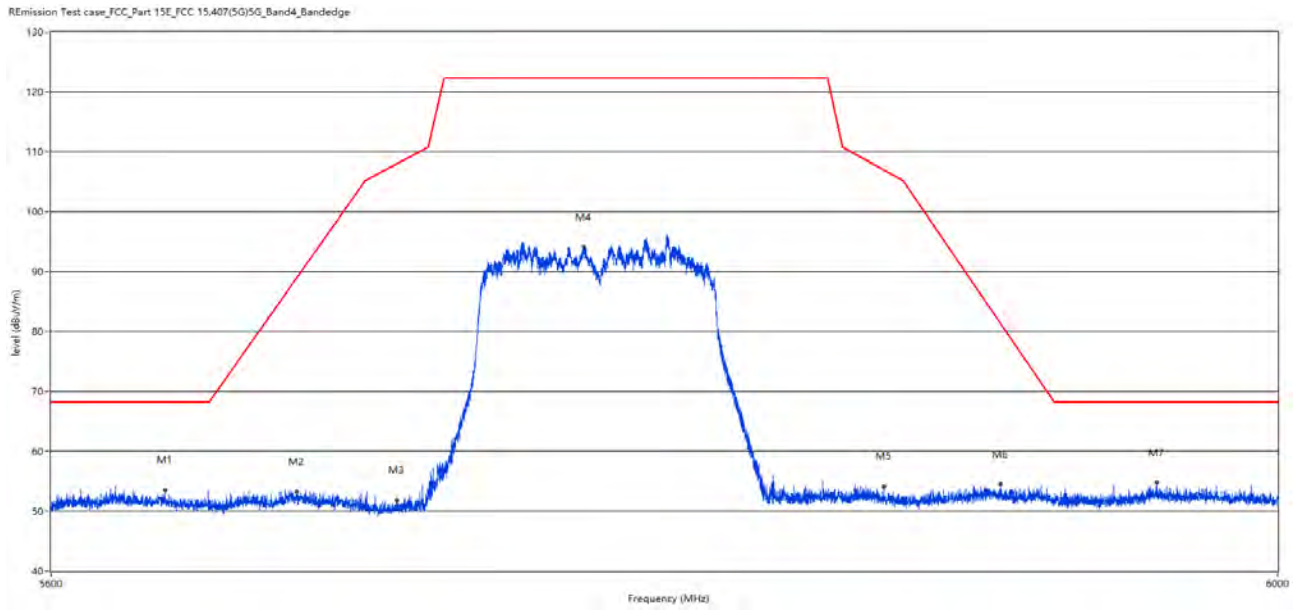
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5793.176	99.88	2.54	122.2	22.32	Peak	173.70	150	Horizontal	Pass
2	5863.117	54.45	2.98	108.5	54.05	Peak	154.50	150	Horizontal	Pass
3	5909.161	54.51	3.25	79.9	25.39	Peak	0.00	150	Horizontal	Pass
4	5951.756	54.39	2.91	68.2	13.81	Peak	259.20	150	Horizontal	Pass

Band IV 11ac80 CH155 ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5623.847	53.32	2.94	68.2	14.88	Peak	333.10	150	Vertical	Pass
2	5680.440	53.70	2.61	90.8	37.10	Peak	193.70	150	Vertical	Pass
3	5714.586	52.42	1.66	109.3	56.88	Peak	359.60	150	Vertical	Pass
4	5770.329	93.79	1.83	122.2	28.41	Peak	340.70	150	Vertical	Pass
5	5875.666	53.27	2.27	104.7	51.43	Peak	348.60	150	Vertical	Pass
6	5902.962	55.02	3.62	84.5	29.48	Peak	10.80	150	Vertical	Pass
7	5959.155	54.38	4.07	68.2	13.82	Peak	170.20	150	Vertical	Pass

Band IV 11ac80 CH155 ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	5635.946	53.53	2.69	68.2	14.67	Peak	306.70	150	Horizontal	Pass
2	5677.840	53.28	2.74	88.8	35.52	Peak	7.20	150	Horizontal	Pass
3	5709.986	51.76	1.51	108.0	56.24	Peak	3.40	150	Horizontal	Pass
4	5770.229	94.12	1.83	122.2	28.08	Peak	170.80	150	Horizontal	Pass
5	5868.666	54.14	2.66	107.0	52.86	Peak	287.40	150	Horizontal	Pass
6	5907.162	54.58	3.45	81.4	26.82	Peak	252.30	150	Horizontal	Pass
7	5959.505	54.77	4.04	68.2	13.43	Peak	295.30	150	Horizontal	Pass

A.8 Frequency Stability

Note: Only the worst data (5180 MHz) were reported in this report.

Voltage vs. Frequency Stability (5180 MHz)

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
TEMP. (°C)	Voltage (VDC)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
20	3.7	5180	5179.960311	-7.66	5180.019933	3.85	5179.98054	-3.76	5180.049366	9.53
	3.8	5180	5180.041554	8.02	5179.954228	-8.84	5180.023239	4.49	5179.992756	-1.40
	4.2	5180	5180.040093	7.74	5180.0213	4.11	5180.044116	8.52	5180.00139	0.27

Temperature vs. Frequency Stability (5180 MHz)

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
Voltage (VDC)	TEMP. (°C)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
3.8	-20	5180	5179.954533	-8.78	5179.9958	-0.81	5179.961253	-7.48	5179.959181	-7.88
	-10	5180	5180.040066	7.73	5180.035318	6.82	5180.022913	4.42	5180.025883	5.00
	0	5180	5180.039867	7.70	5180.034069	6.58	5180.011552	2.23	5180.007453	1.44
	10	5180	5180.031925	6.16	5180.014528	2.80	5180.040165	7.75	5180.000664	0.13
	20	5180	5179.99535	-0.90	5179.994277	-1.10	5179.982964	-3.29	5179.997163	-0.55
	30	5180	5180.046897	9.05	5180.035767	6.90	5180.009052	1.75	5180.024403	4.71
	40	5180	5180.032636	6.30	5180.008849	1.71	5180.017811	3.44	5180.014168	2.74
	50	5180	5179.997766	-0.43	5179.972402	-5.33	5179.953613	-8.96	5179.999596	-0.08
	60	5180	5180.005656	1.09	5180.007457	1.44	5180.01308	2.53	5180.020606	3.98

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-EC1840167-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-EC1840167-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-EC1840167-AI.PDF".

--END OF REPORT--