

A.6.2 Band Edge (Restricted-band)

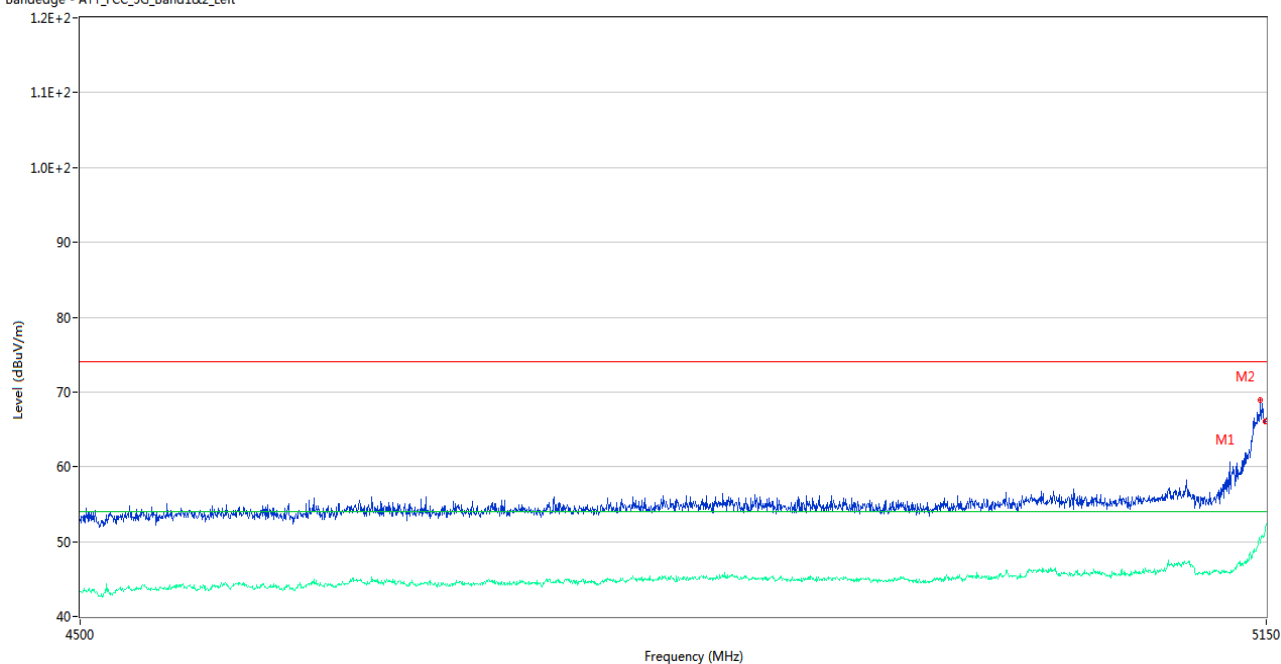
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Data and Plots

SISO-Main Antenna

U-NII-1 11a Low Channel

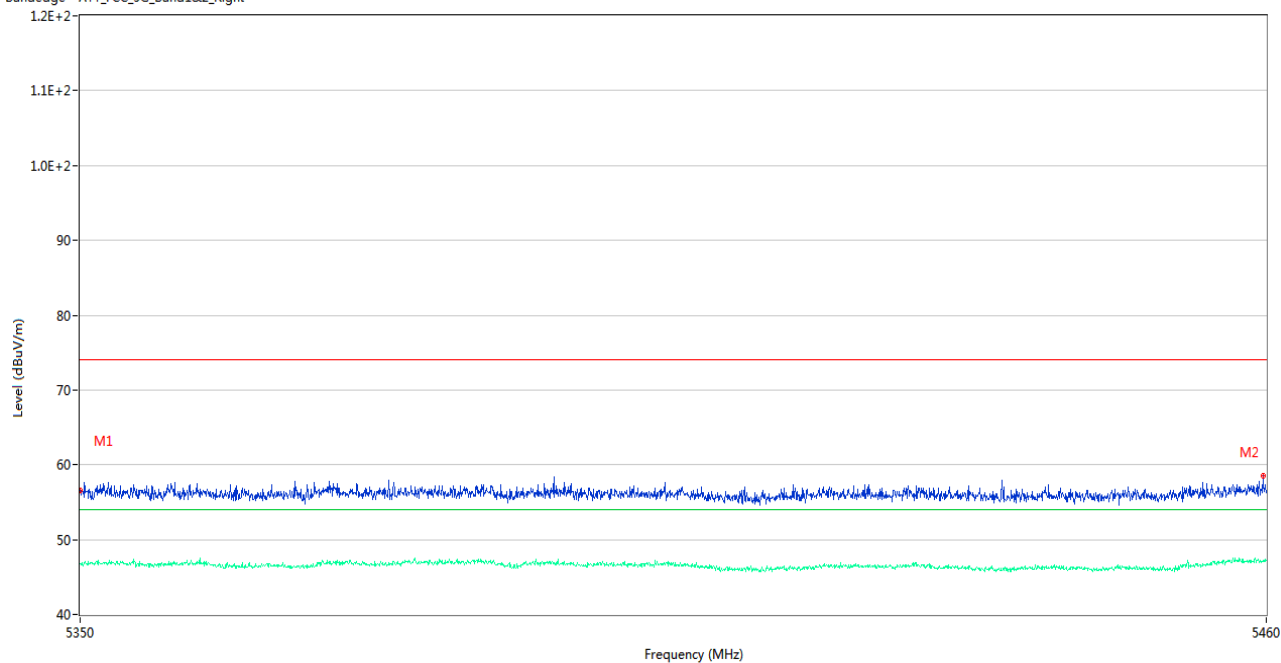
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	68.93	2.29	74.0	5.07	Peak	205.00	100	Vertical	Pass
1**	5146.750	49.73	2.29	54.0	4.27	AV	205.00	100	Vertical	Pass
2	5149.675	66.14	2.07	74.0	7.86	Peak	216.00	100	Vertical	Pass
2**	5149.675	51.86	2.07	54.0	2.14	AV	216.00	100	Vertical	Pass

U-NII-1 11a High Channel

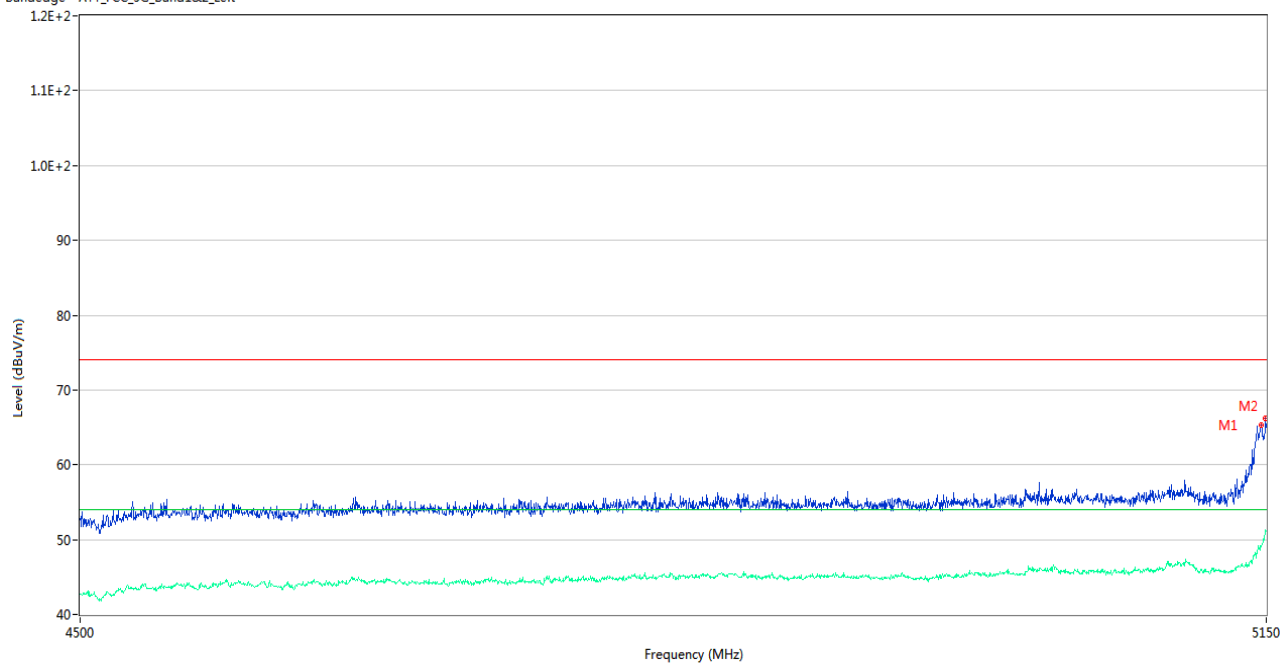
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.65	1.93	74.0	17.35	Peak	28.00	200	Vertical	Pass
1**	5350.000	46.83	1.93	54.0	7.17	AV	28.00	200	Vertical	Pass
2	5459.670	58.47	2.45	74.0	15.53	Peak	186.00	100	Vertical	Pass
2**	5459.670	47.15	2.45	54.0	6.85	AV	186.00	100	Vertical	Pass

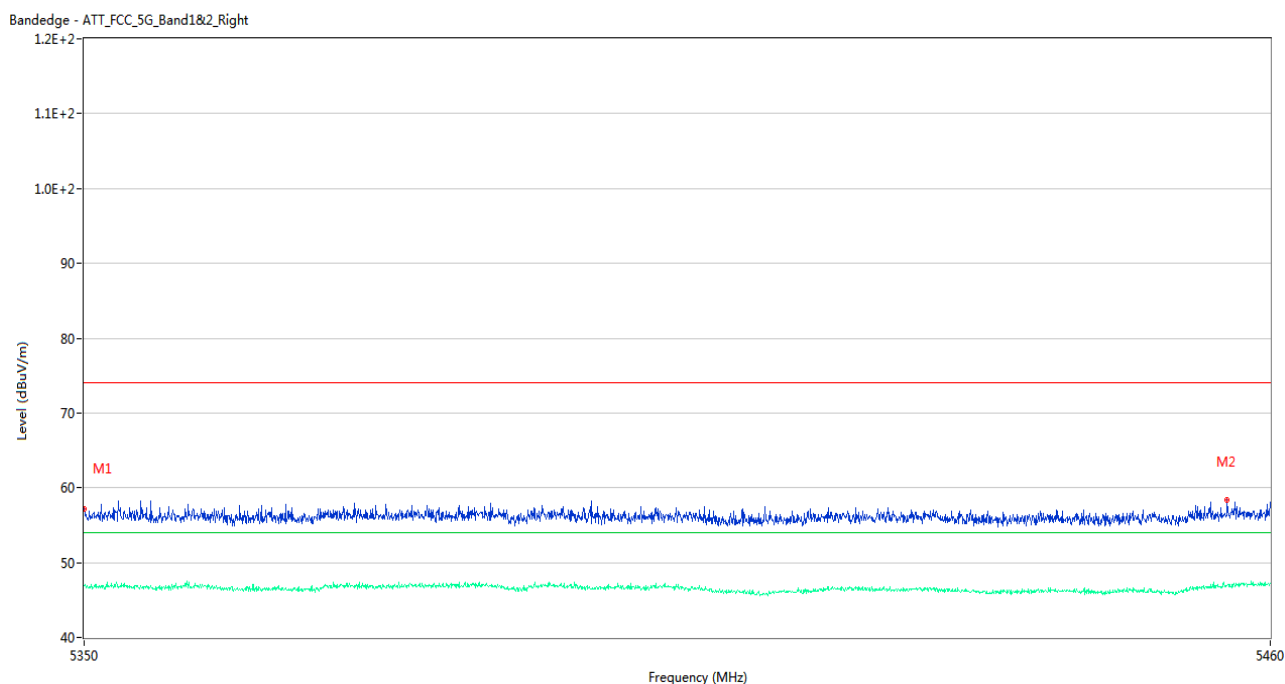
U-NII-1 11n20 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	65.29	2.27	74.0	8.71	Peak	229.00	150	Vertical	Pass
1**	5147.075	49.11	2.27	54.0	4.89	AV	229.00	150	Vertical	Pass
2	5149.675	66.16	2.07	74.0	7.84	Peak	13.00	100	Vertical	Pass
2**	5149.675	51.31	2.07	54.0	2.69	AV	13.00	100	Vertical	Pass

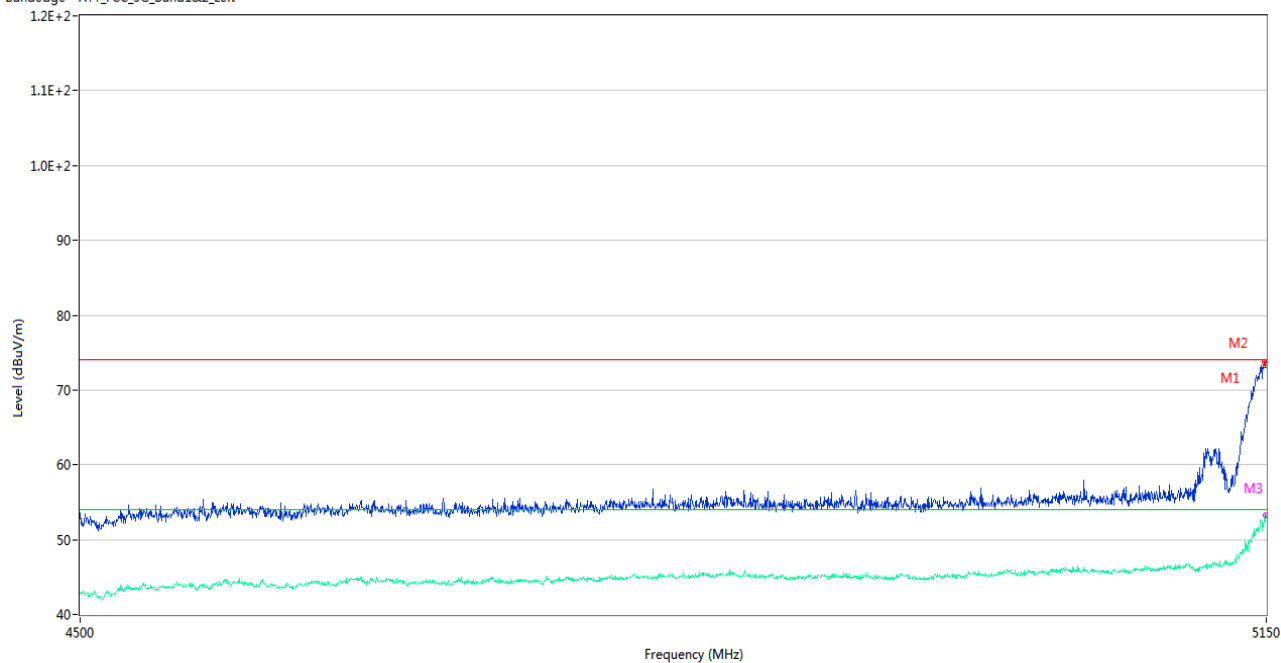
U-NII-1 11n20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.21	1.93	74.0	16.79	Peak	247.00	100	Vertical	Pass
1**	5350.000	46.88	1.93	54.0	7.12	AV	247.00	100	Vertical	Pass
2	5455.985	58.44	2.39	74.0	15.56	Peak	340.00	150	Vertical	Pass
2**	5455.985	46.91	2.39	54.0	7.09	AV	340.00	150	Vertical	Pass

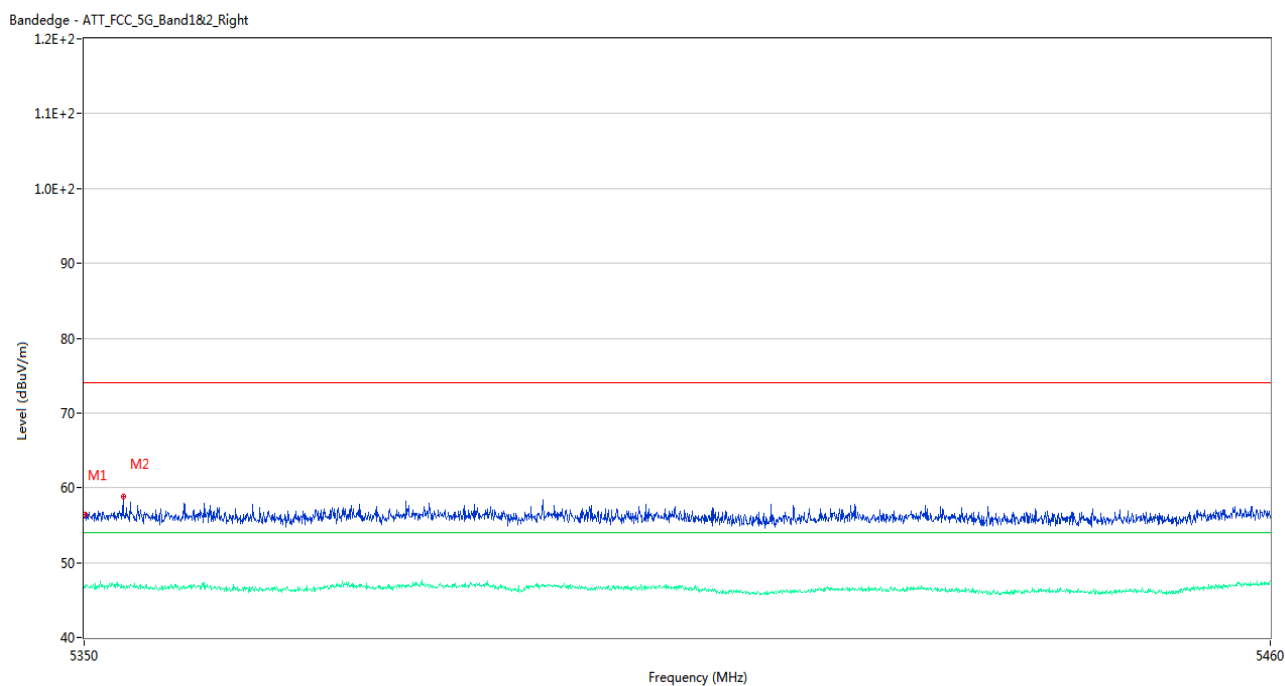
U-NII-1 11n40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	73.80	2.06	74.0	0.20	Peak	207.00	100	Vertical	Pass
1**	5148.700	52.30	2.06	54.0	1.70	AV	207.00	100	Vertical	Pass
2	5149.675	73.37	2.07	74.0	0.63	Peak	115.00	150	Vertical	Pass
2**	5149.675	53.26	2.07	54.0	0.74	AV	115.00	150	Vertical	Pass
3	5149.675	73.37	2.07	74.0	0.63	Peak	115.00	150	Vertical	Pass
3**	5149.675	53.26	2.07	54.0	0.74	AV	115.00	150	Vertical	Pass

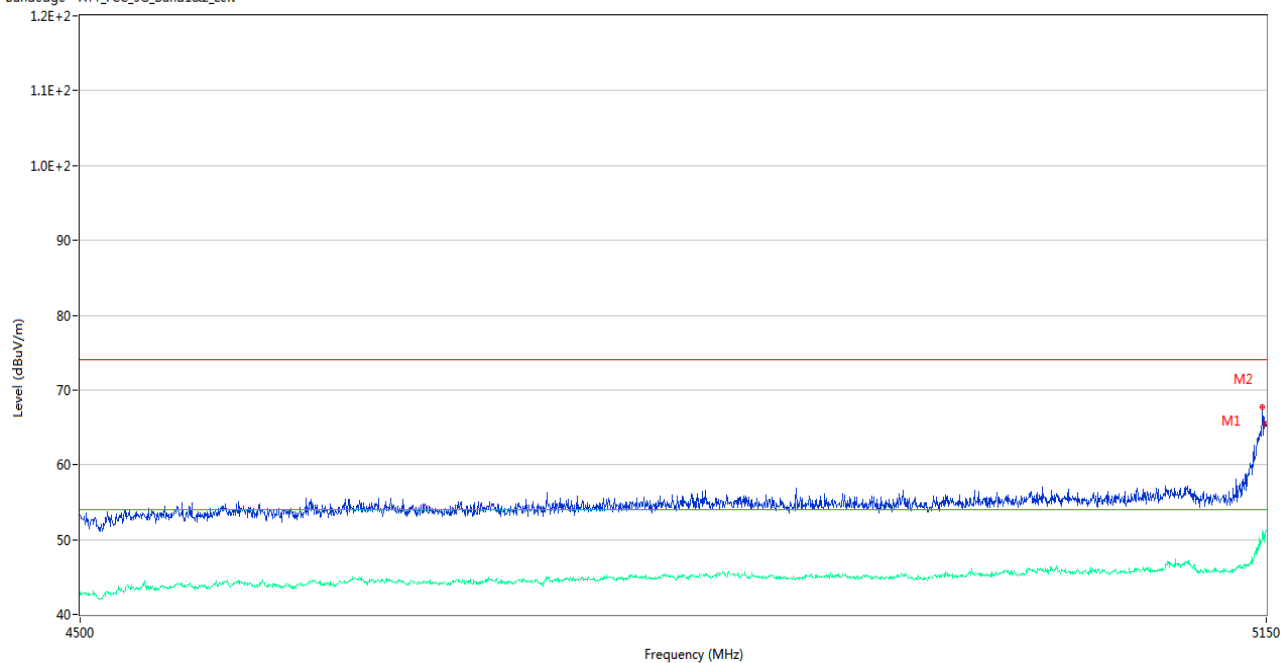
U-NII-1 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.39	1.93	74.0	17.61	Peak	255.00	150	Vertical	Pass
1**	5350.055	46.87	1.93	54.0	7.13	AV	255.00	150	Vertical	Pass
2	5353.575	58.88	2.13	74.0	15.12	Peak	129.00	200	Vertical	Pass
2**	5353.575	46.91	2.13	54.0	7.09	AV	129.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel

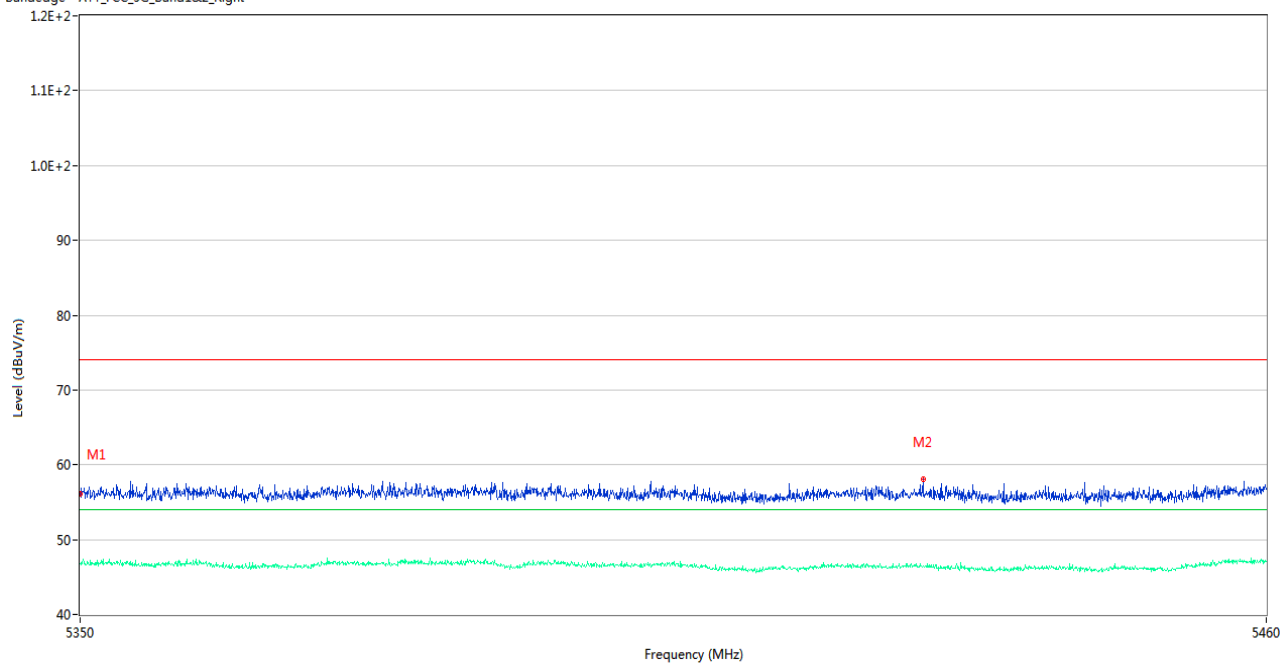
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	67.76	2.18	74.0	6.24	Peak	117.00	200	Vertical	Pass
1**	5147.725	51.13	2.18	54.0	2.87	AV	117.00	200	Vertical	Pass
2	5149.675	65.49	2.07	74.0	8.51	Peak	130.00	200	Vertical	Pass
2**	5149.675	50.85	2.07	54.0	3.15	AV	130.00	200	Vertical	Pass

U-NII-1 11ac20 High Channel

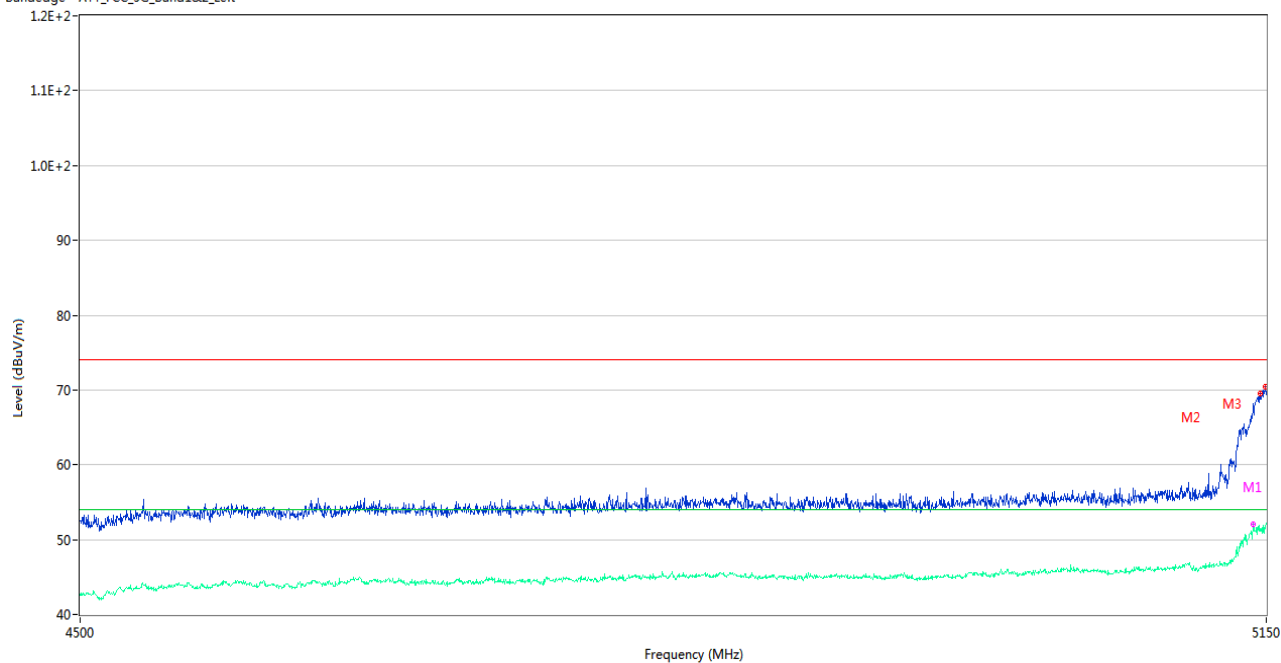
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.06	1.93	74.0	17.94	Peak	360.00	100	Vertical	Pass
1**	5350.000	46.73	1.93	54.0	7.27	AV	360.00	100	Vertical	Pass
2	5427.935	58.06	2.48	74.0	15.94	Peak	154.00	200	Vertical	Pass
2**	5427.935	46.47	2.48	54.0	7.53	AV	154.00	200	Vertical	Pass

U-NII-1 11ac40 Low Channel

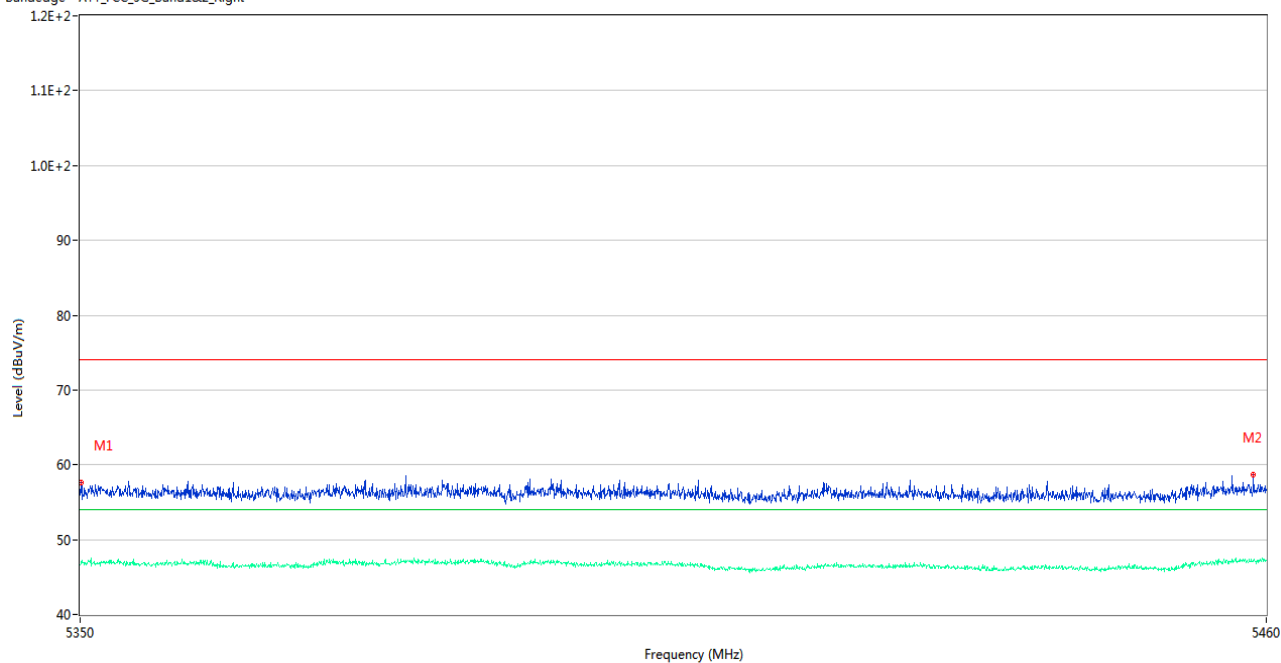
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.525	68.11	2.44	74.0	5.89	Peak	129.00	150	Vertical	Pass
1**	5142.525	51.98	2.44	54.0	2.02	AV	129.00	150	Vertical	Pass
2	5146.750	69.58	2.29	74.0	4.42	Peak	116.00	150	Vertical	Pass
2**	5146.750	51.35	2.29	54.0	2.65	AV	116.00	150	Vertical	Pass
3	5149.675	70.37	2.07	74.0	3.63	Peak	126.00	200	Vertical	Pass
3**	5149.675	51.65	2.07	54.0	2.35	AV	126.00	200	Vertical	Pass

U-NII-1 11ac40 High Channel

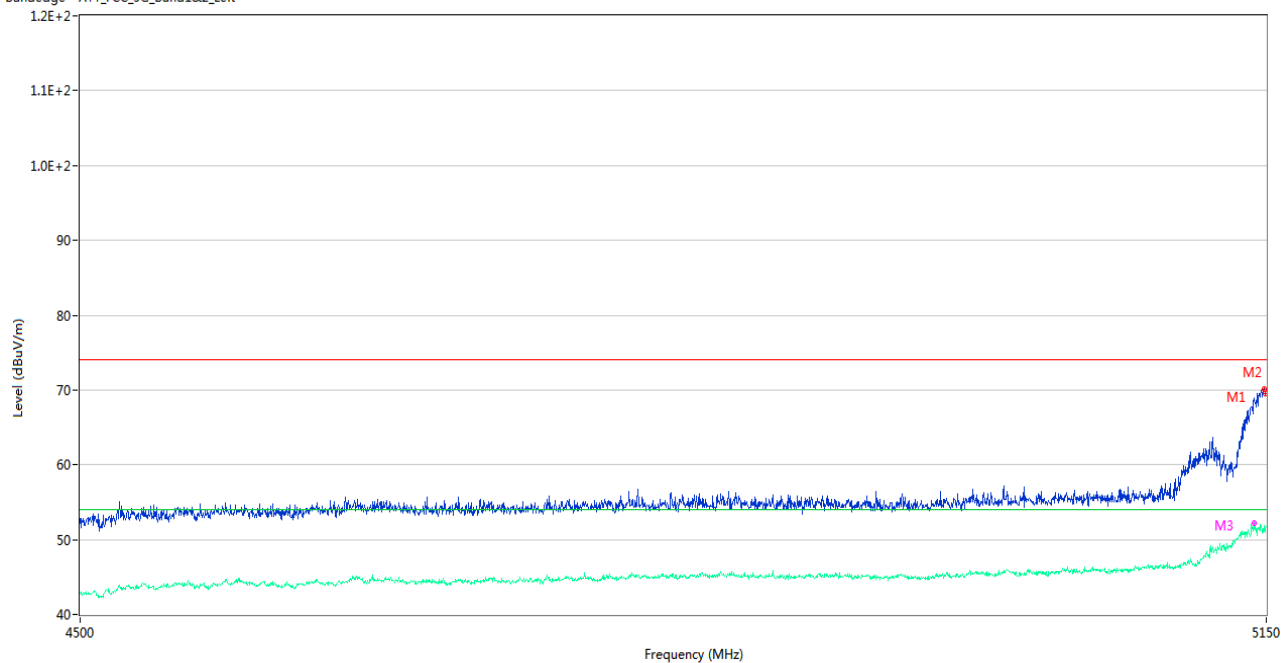
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.62	1.93	74.0	16.38	Peak	225.00	150	Vertical	Pass
1**	5350.055	46.79	1.93	54.0	7.21	AV	225.00	150	Vertical	Pass
2	5458.790	58.66	2.42	74.0	15.34	Peak	228.00	100	Vertical	Pass
2**	5458.790	47.16	2.42	54.0	6.84	AV	228.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

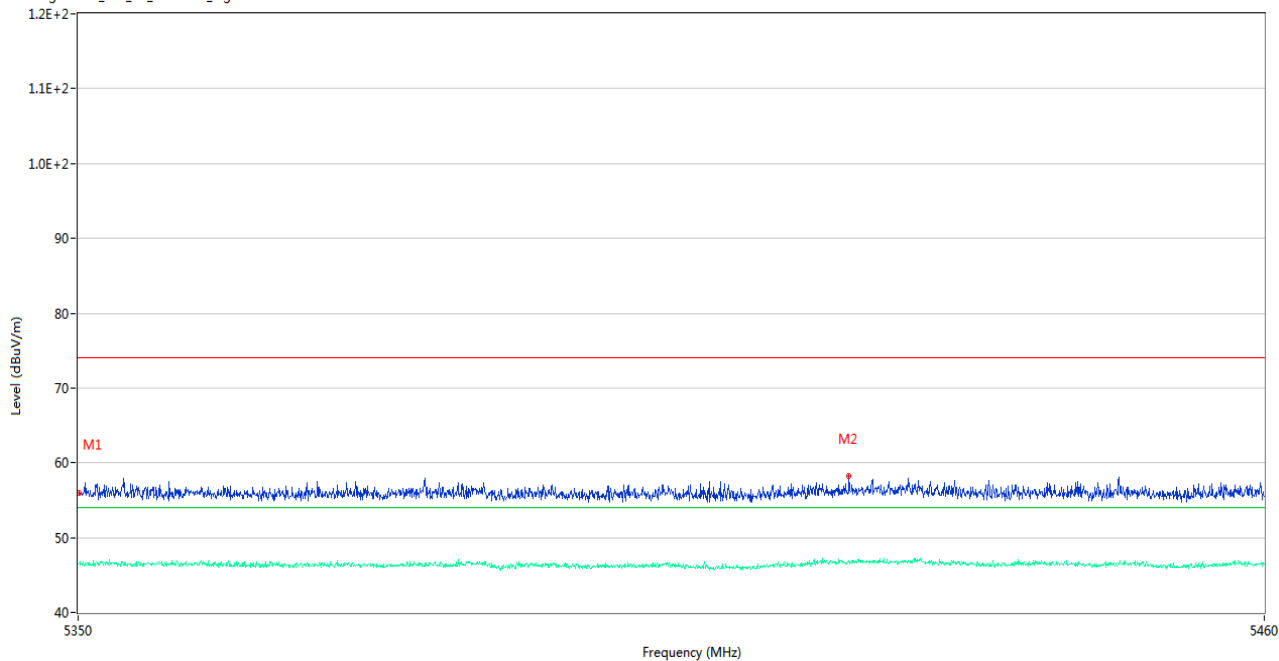
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	70.16	2.06	74.0	3.84	Peak	113.00	200	Vertical	Pass
1**	5148.700	51.88	2.06	54.0	2.12	AV	113.00	200	Vertical	Pass
2	5149.675	69.56	2.07	74.0	4.44	Peak	168.00	200	Vertical	Pass
2**	5149.675	51.38	2.07	54.0	2.62	AV	168.00	200	Vertical	Pass
3	5143.175	68.61	2.40	74.0	5.39	Peak	113.00	150	Vertical	Pass
3**	5143.175	52.23	2.40	54.0	1.77	AV	113.00	150	Vertical	Pass

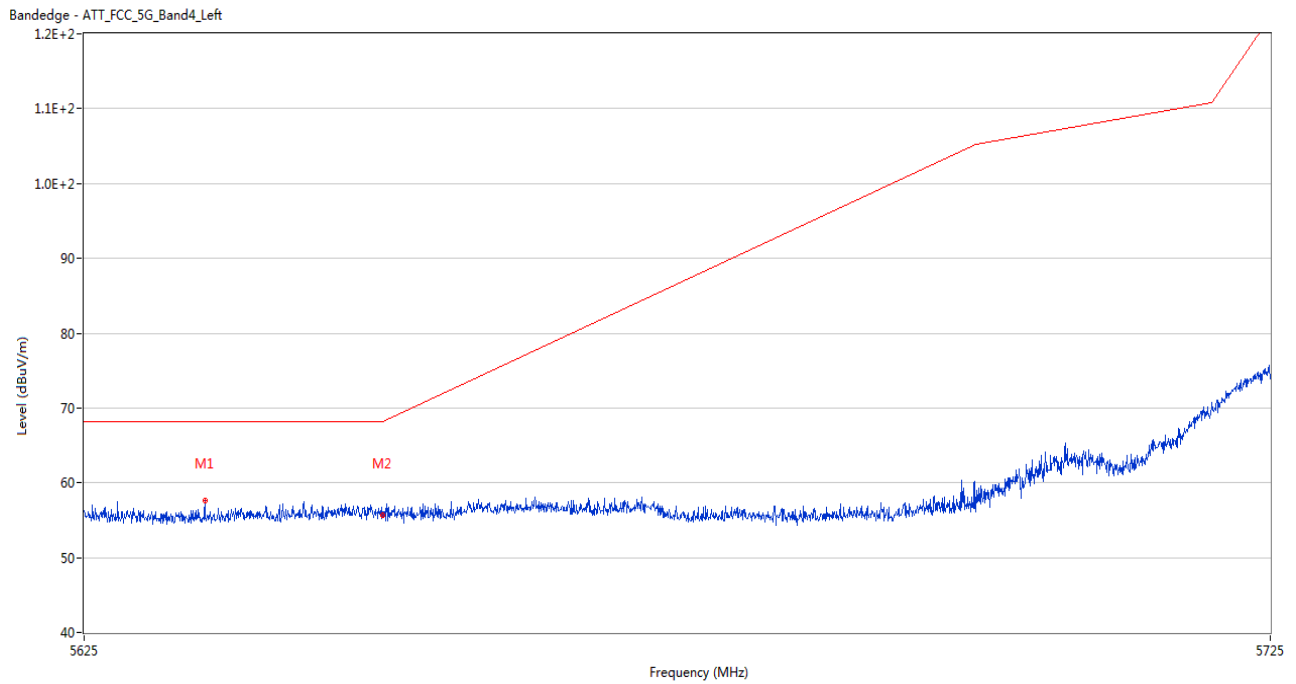
U-NII-1 11ac80 Middle Channel

Bandedge - ATT_FCC_5G_Band1&2_Right



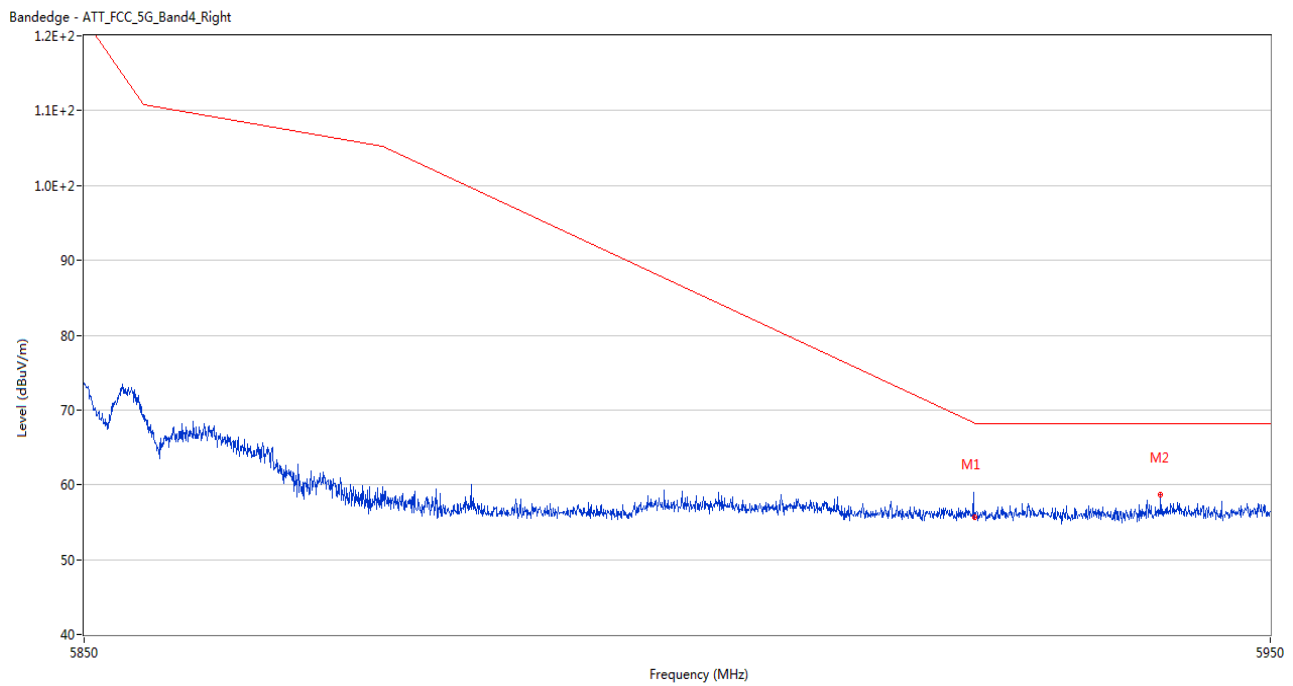
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.03	1.93	74.0	17.97	Peak	160.00	200	Vertical	Pass
1**	5350.055	46.59	1.93	54.0	7.41	AV	160.00	200	Vertical	Pass
2	5421.225	58.20	2.43	74.0	15.80	Peak	205.00	150	Vertical	Pass
2**	5421.225	46.95	2.43	54.0	7.05	AV	205.00	150	Vertical	Pass

U-NII-3 11a Low Channel



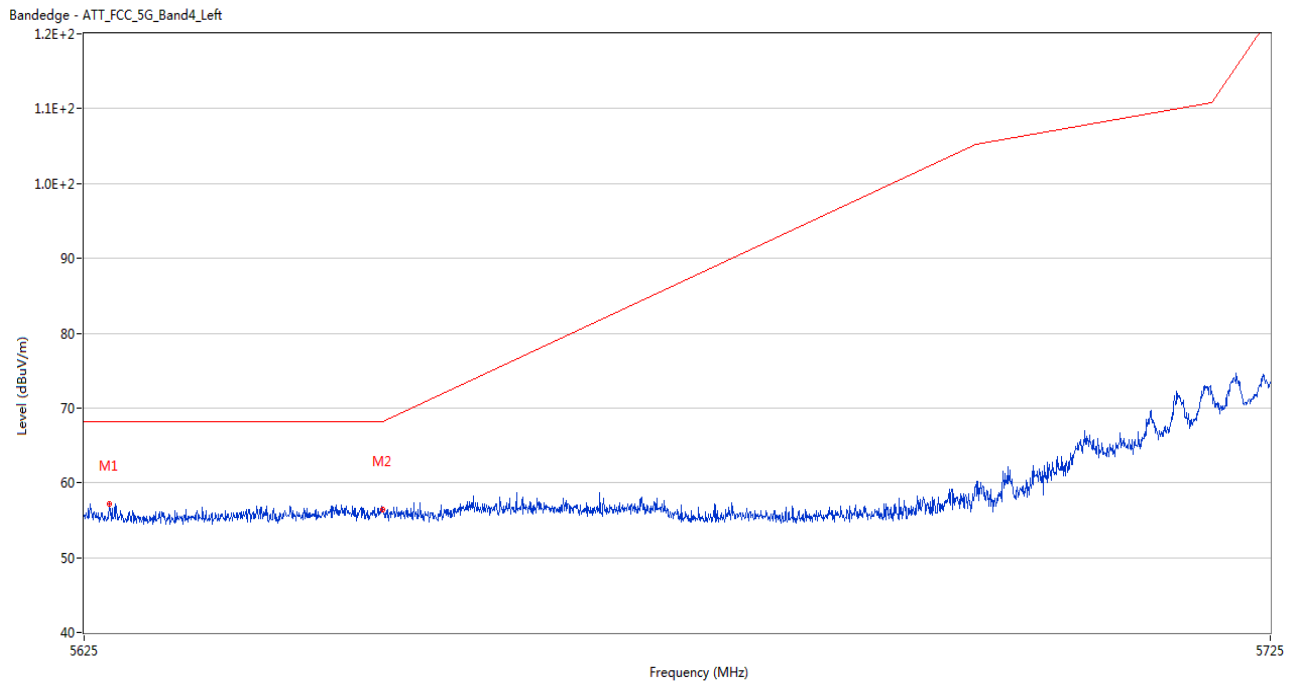
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.100	57.66	2.02	68.2	10.54	Peak	170.00	150	Vertical	Pass
2	5650.000	55.62	2.54	68.2	12.58	Peak	230.00	200	Vertical	Pass

U-NII-3 11a High Channel



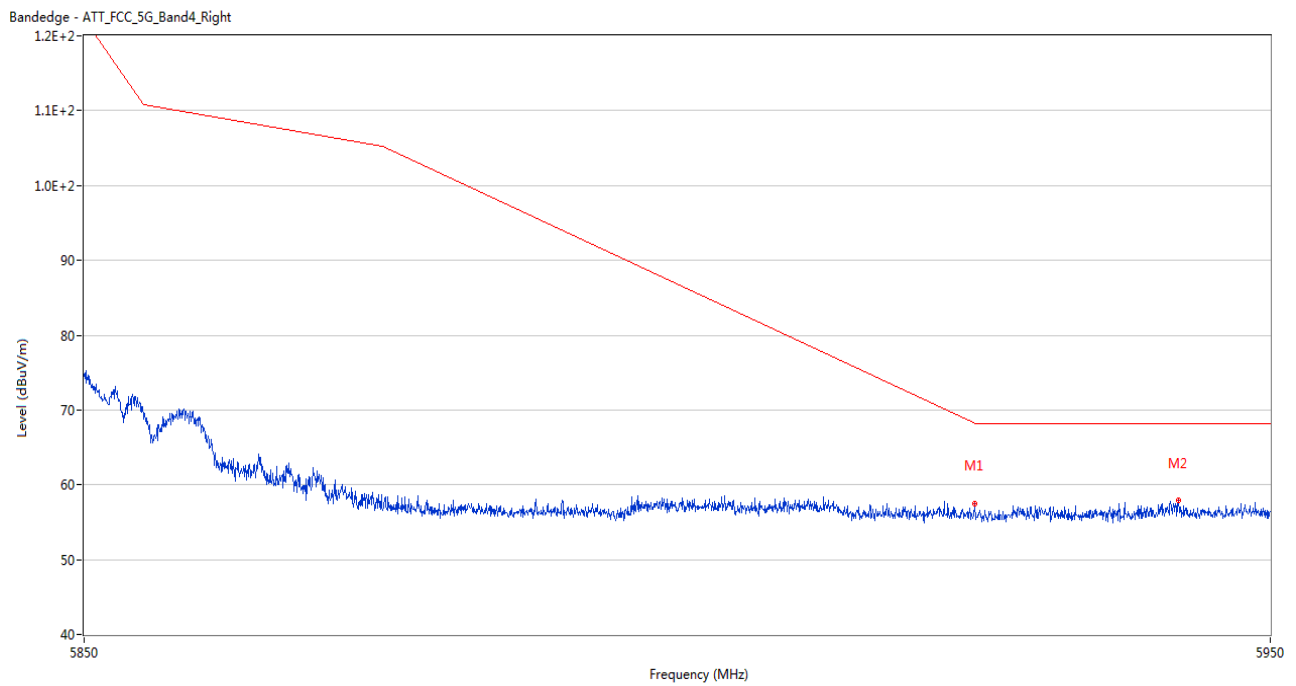
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.73	2.32	68.2	12.47	Peak	41.00	100	Vertical	Pass
2	5940.700	58.68	2.67	68.2	9.52	Peak	269.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



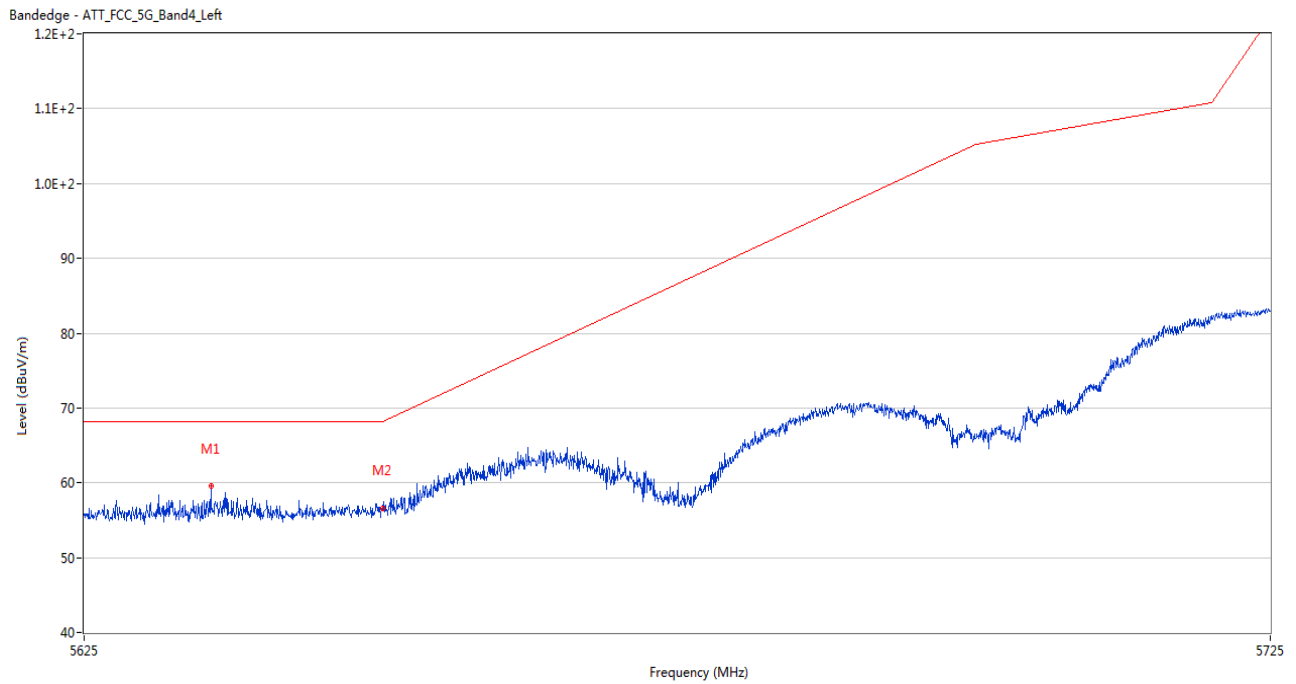
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.100	57.25	2.27	68.2	10.95	Peak	101.00	150	Vertical	Pass
2	5650.000	56.42	2.54	68.2	11.78	Peak	329.00	200	Vertical	Pass

U-NII-3 11n20 High Channel



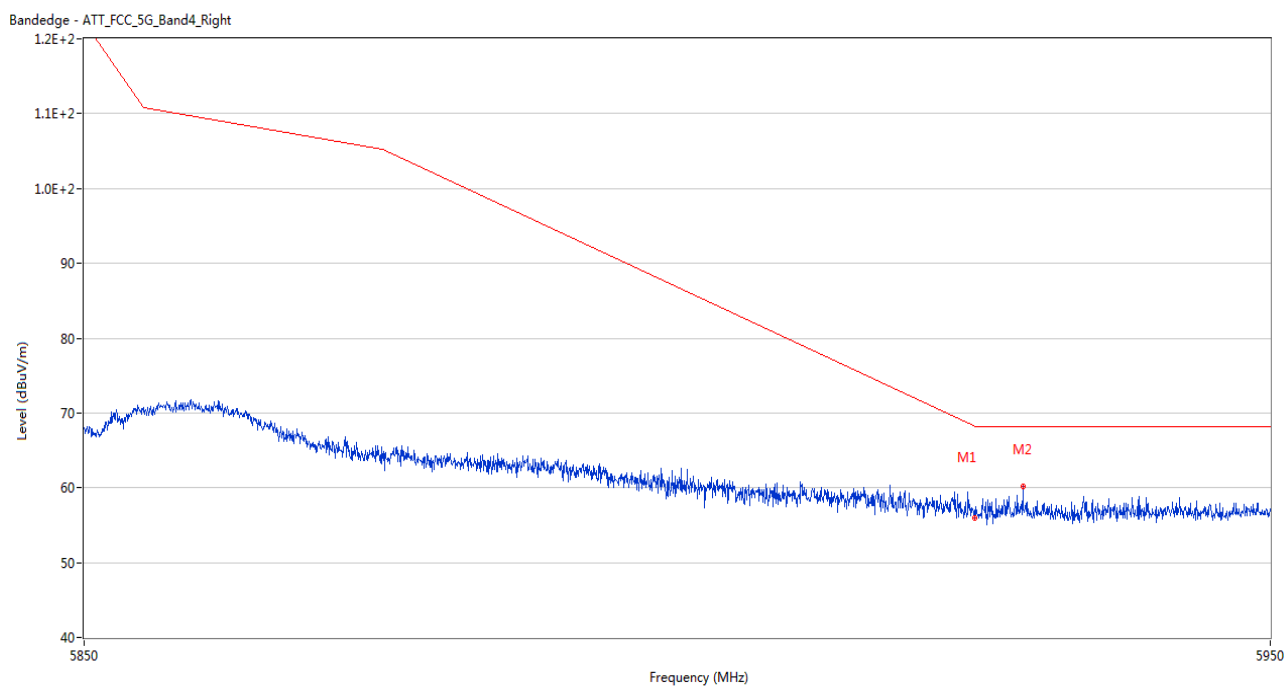
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	57.54	2.32	68.2	10.66	Peak	302.00	200	Vertical	Pass
2	5942.200	57.93	2.77	68.2	10.27	Peak	76.00	200	Vertical	Pass

U-NII-3 11n40 Low Channel



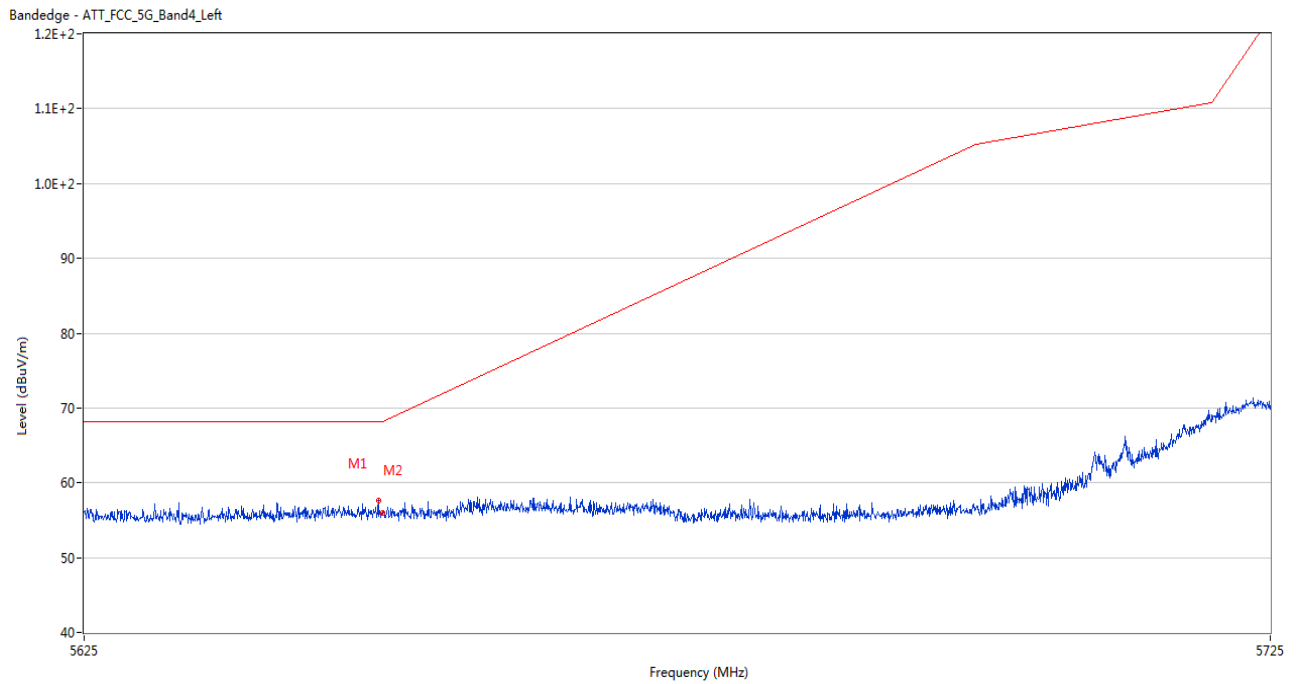
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.600	59.61	2.02	68.2	8.59	Peak	198.00	200	Vertical	Pass
2	5650.000	56.63	2.54	68.2	11.57	Peak	141.00	150	Vertical	Pass

U-NII-3 11n40 High Channel



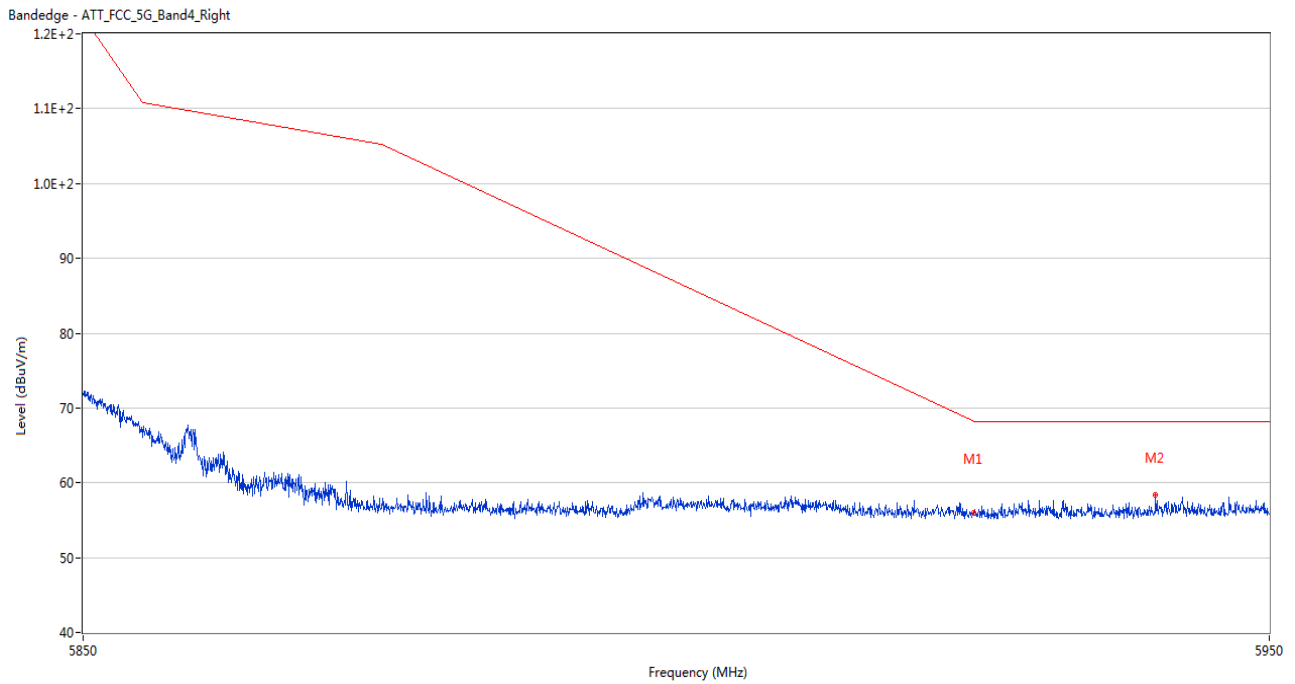
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.04	2.32	68.2	12.16	Peak	220.00	150	Vertical	Pass
2	5929.000	60.15	2.69	68.2	8.05	Peak	164.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



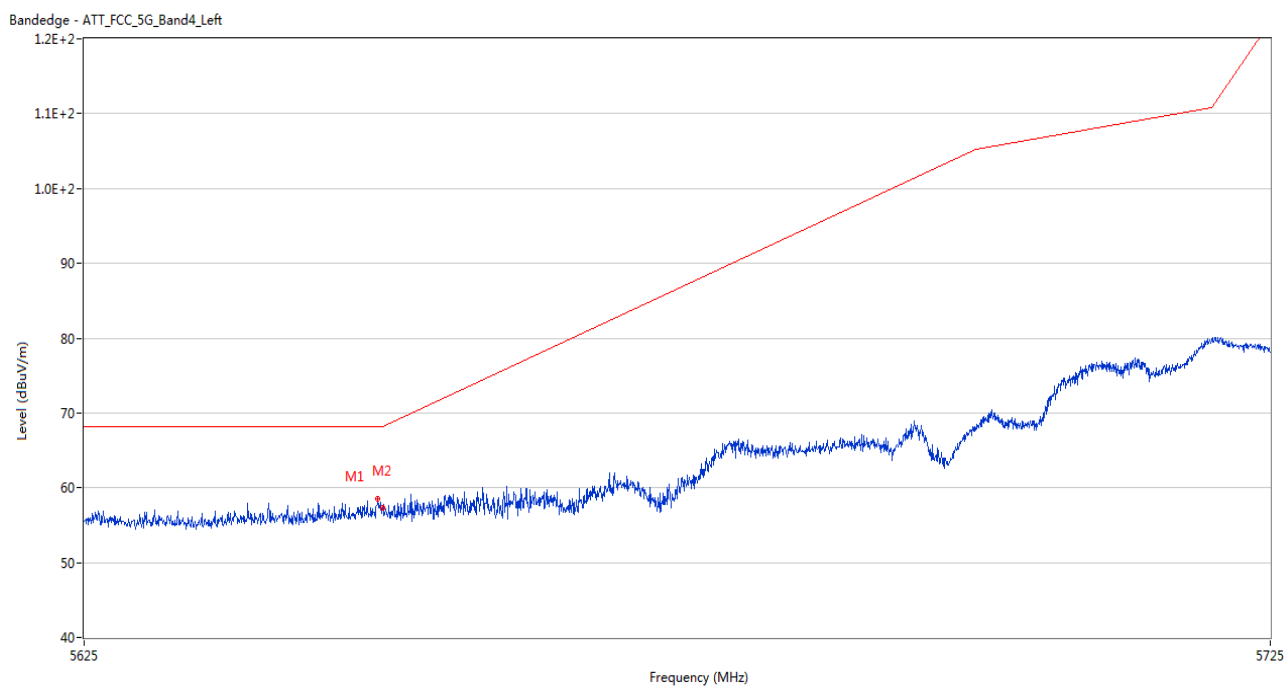
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.650	57.56	2.53	68.2	10.64	Peak	35.00	200	Vertical	Pass
2	5650.000	55.92	2.54	68.2	12.28	Peak	193.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel



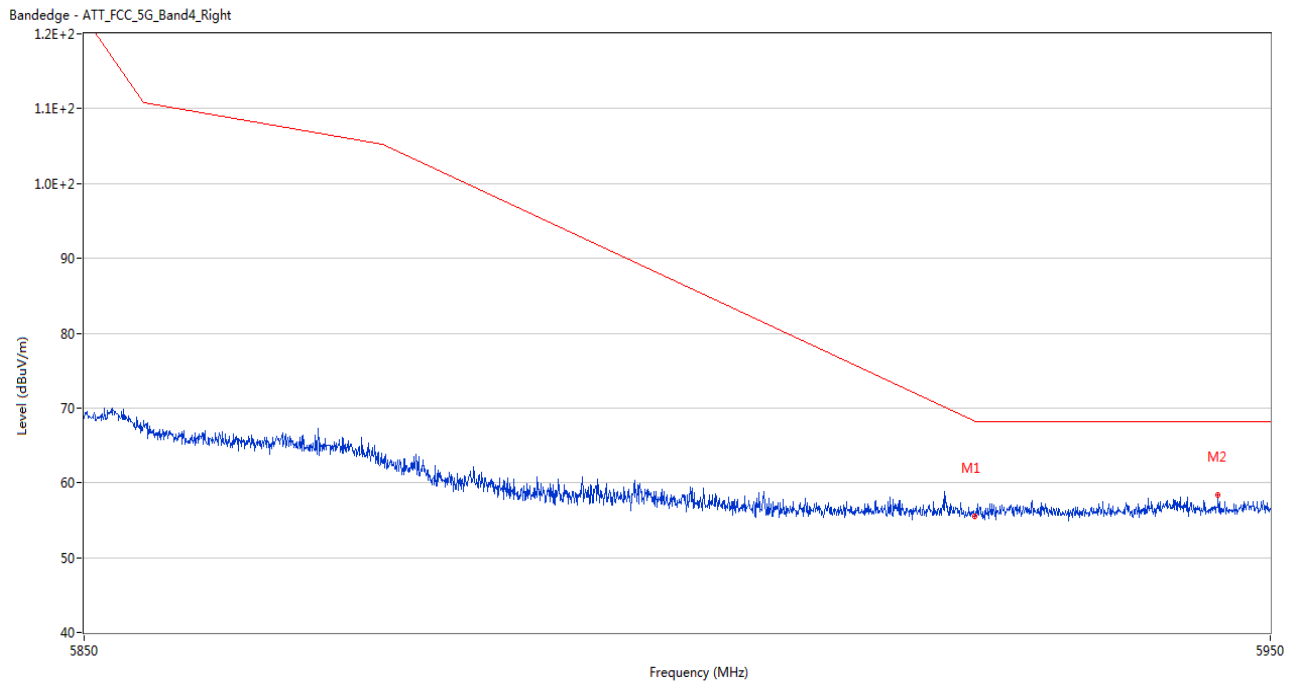
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.95	2.32	68.2	12.25	Peak	166.00	200	Vertical	Pass
2	5940.350	58.35	2.57	68.2	9.85	Peak	228.00	100	Vertical	Pass

U-NII-3 11ac40 Low Channel



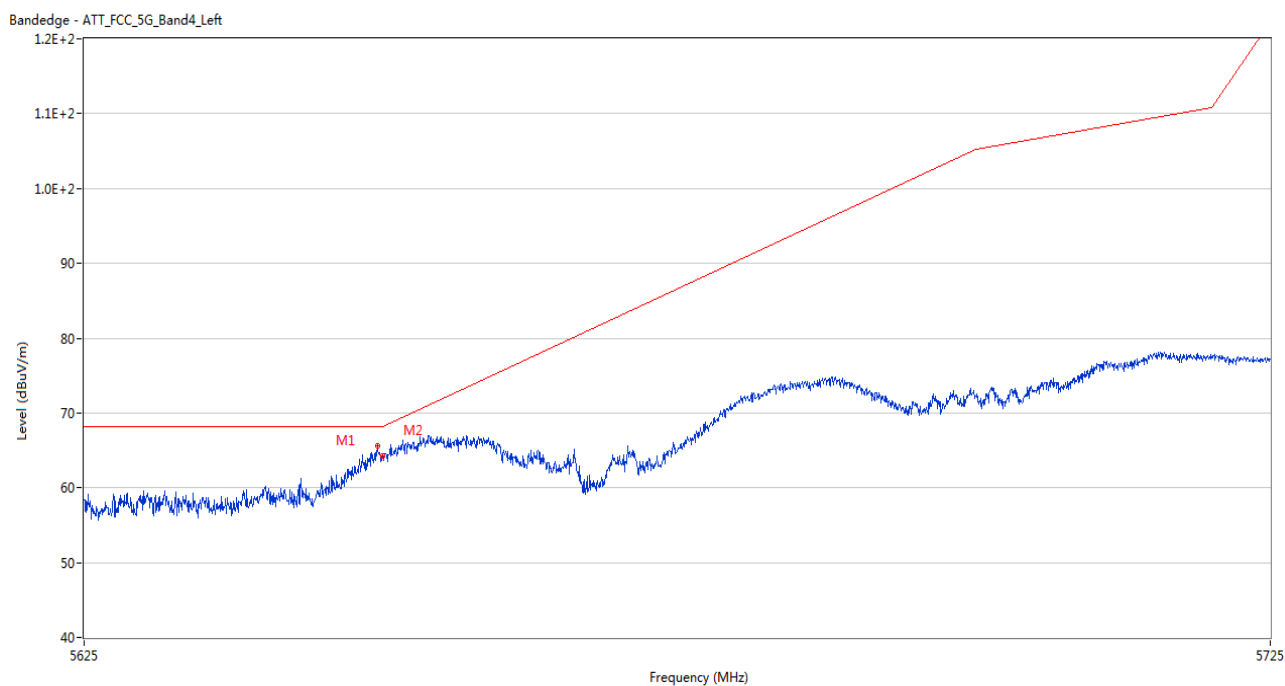
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.600	58.47	2.53	68.2	9.73	Peak	262.00	200	Vertical	Pass
2	5650.000	57.27	2.54	68.2	10.93	Peak	269.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel



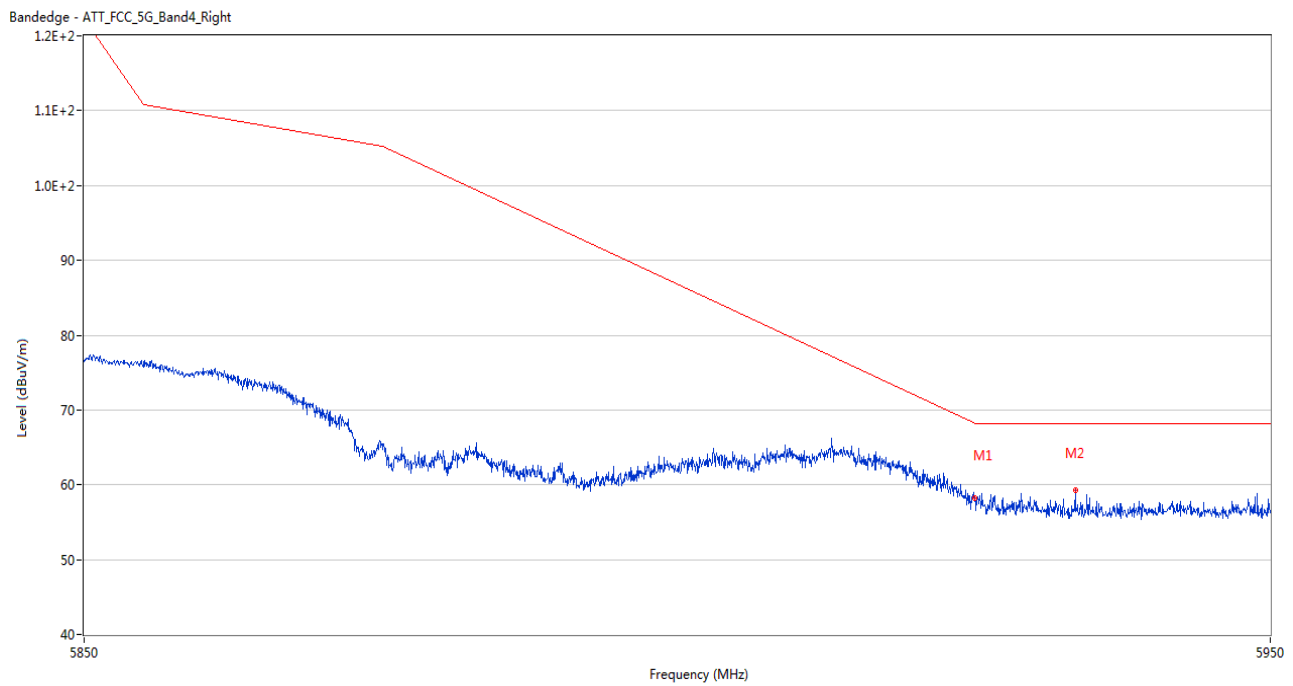
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.56	2.32	68.2	12.64	Peak	212.00	200	Vertical	Pass
2	5945.550	58.44	2.29	68.2	9.76	Peak	359.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.550	65.57	2.53	68.2	2.63	Peak	251.00	150	Vertical	Pass
2	5650.000	64.30	2.54	68.2	3.90	Peak	248.00	150	Vertical	Pass

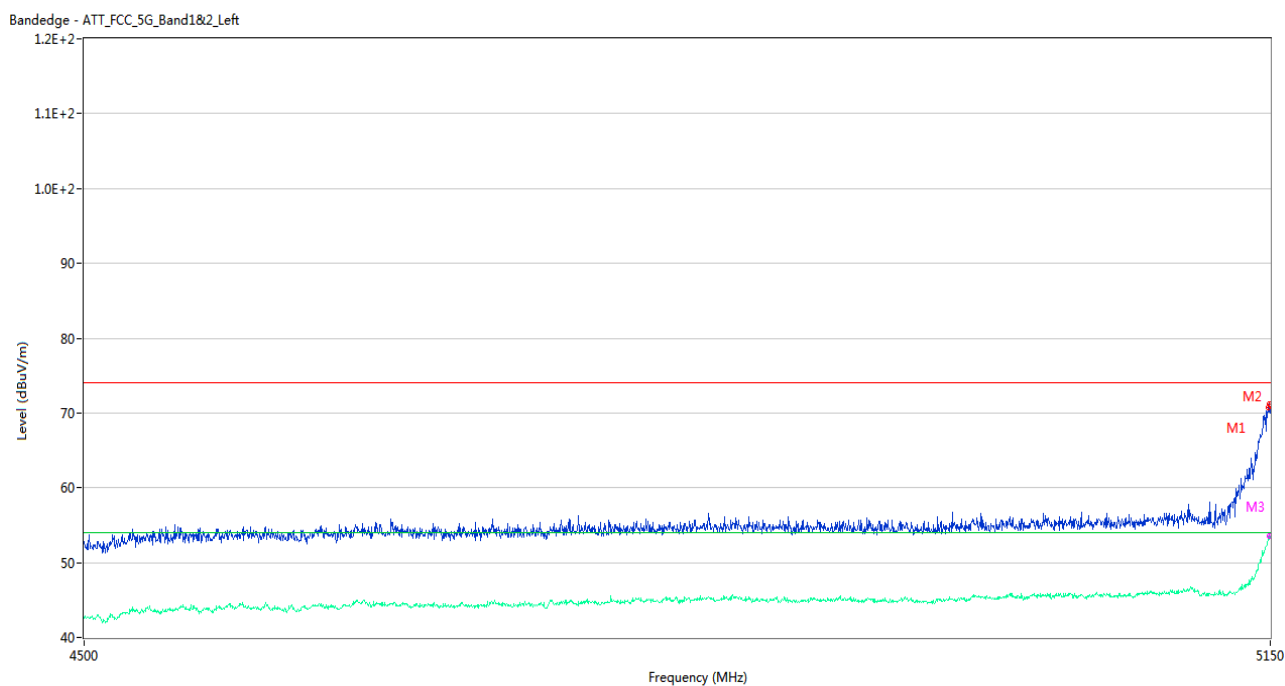
U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	58.15	2.32	68.2	10.05	Peak	274.00	200	Vertical	Pass
2	5933.450	59.22	2.32	68.2	8.98	Peak	318.00	100	Vertical	Pass

SISO-Aux. Antenna

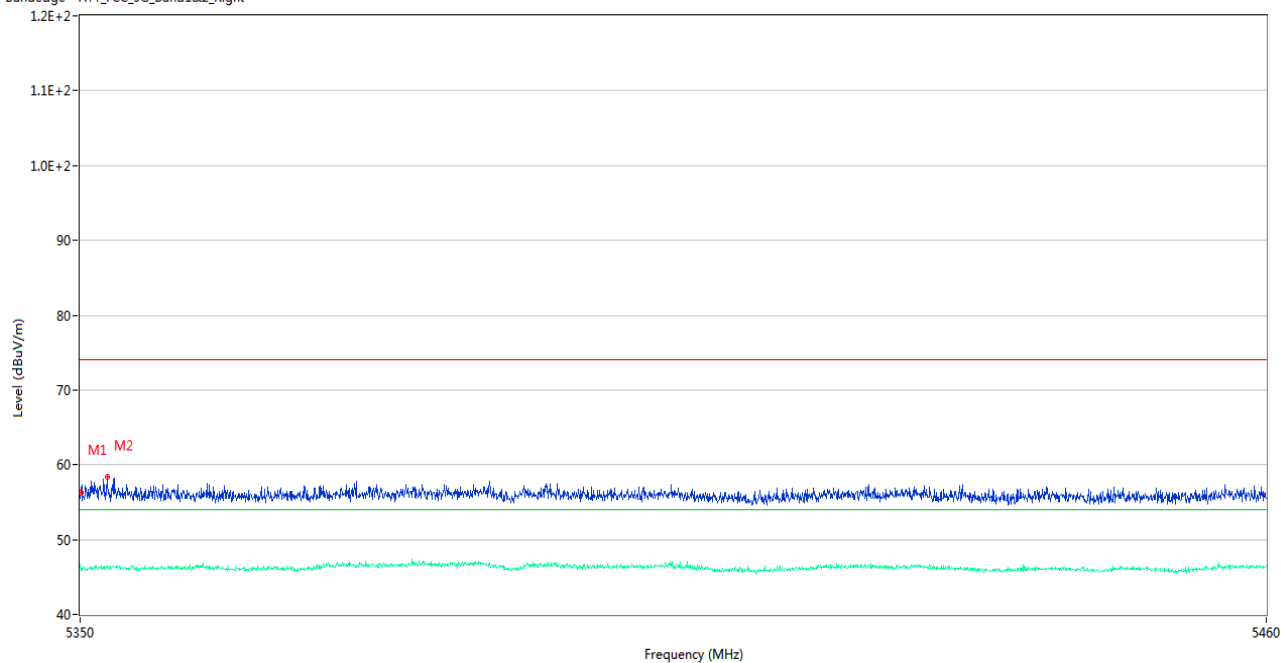
U-NII-1 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	70.79	2.06	74.0	3.21	Peak	303.00	150	Vertical	Pass
1**	5148.700	53.05	2.06	54.0	0.95	AV	303.00	150	Vertical	Pass
2	5149.675	71.13	2.07	74.0	2.87	Peak	308.00	100	Vertical	Pass
2**	5149.675	53.17	2.07	54.0	0.83	AV	308.00	100	Vertical	Pass
3	5149.350	70.08	2.05	74.0	3.92	Peak	57.00	150	Vertical	Pass
3**	5149.350	53.63	2.05	54.0	0.37	AV	57.00	150	Vertical	Pass

U-NII-1 11a High Channel

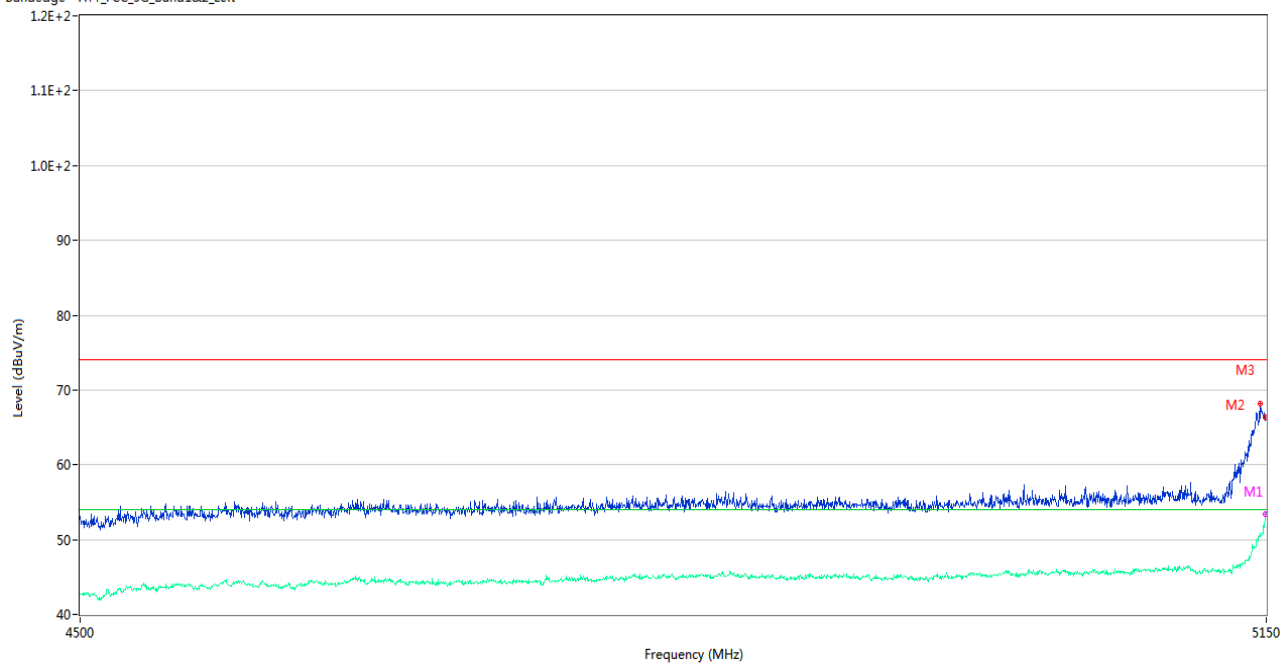
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.33	1.93	74.0	17.67	Peak	15.00	150	Vertical	Pass
1**	5350.055	45.86	1.93	54.0	8.14	AV	15.00	150	Vertical	Pass
2	5352.475	58.37	2.10	74.0	15.63	Peak	264.00	200	Vertical	Pass
2**	5352.475	46.47	2.10	54.0	7.53	AV	264.00	200	Vertical	Pass

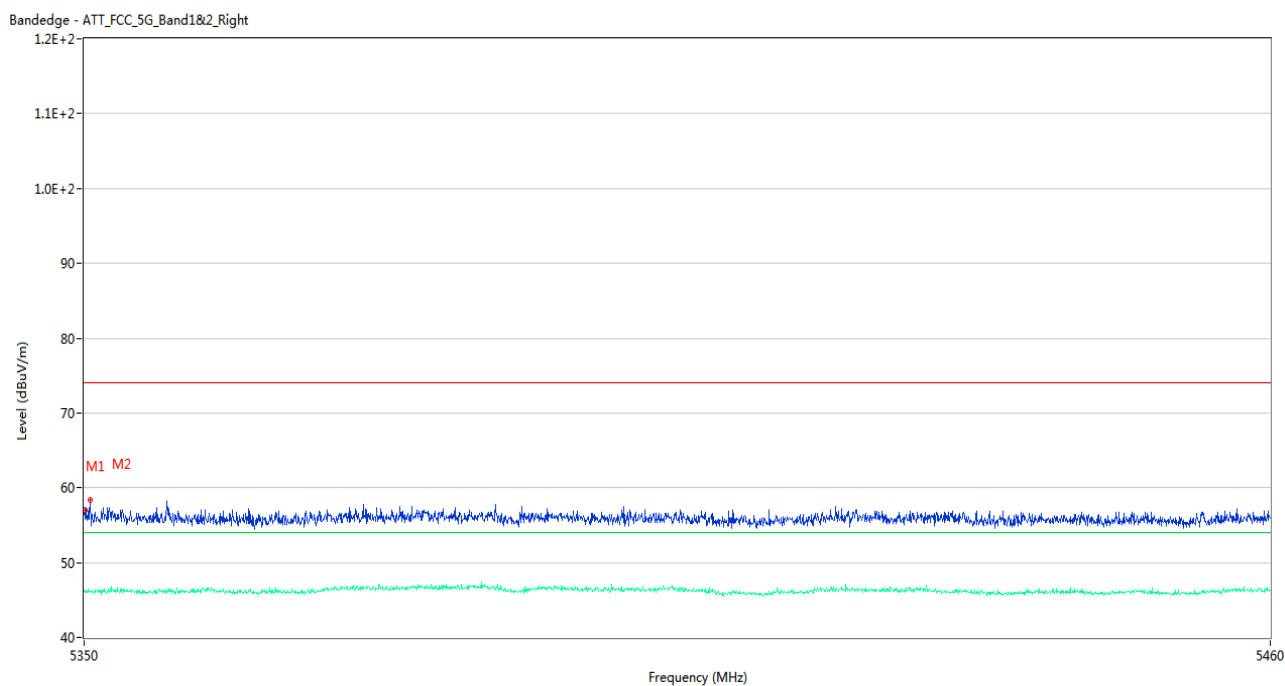
U-NII-1 11n20 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.38	2.07	74.0	7.62	Peak	138.00	150	Vertical	Pass
1**	5149.675	53.46	2.07	54.0	0.54	AV	138.00	150	Vertical	Pass
2	5146.750	68.15	2.29	74.0	5.85	Peak	62.00	100	Vertical	Pass
2**	5146.750	50.35	2.29	54.0	3.65	AV	62.00	100	Vertical	Pass
3	5149.675	66.38	2.07	74.0	7.62	Peak	138.00	200	Vertical	Pass
3**	5149.675	53.46	2.07	54.0	0.54	AV	138.00	200	Vertical	Pass

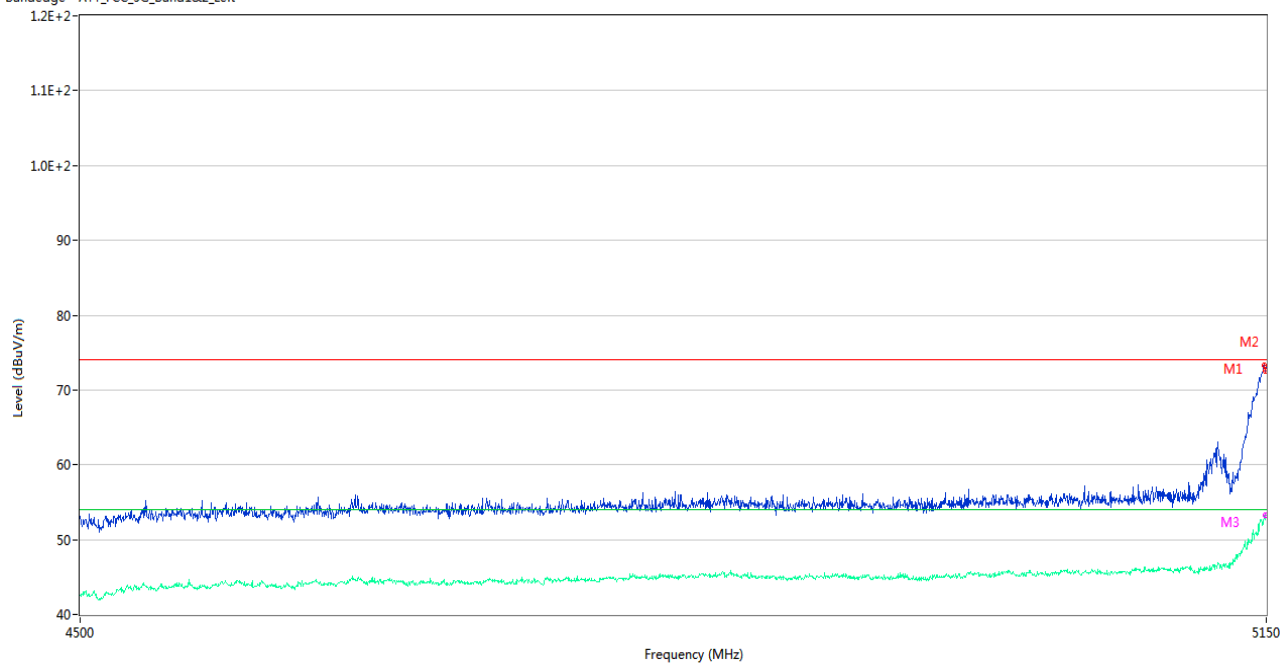
U-NII-1 11n20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.05	1.93	74.0	16.95	Peak	233.00	100	Vertical	Pass
1**	5350.055	45.99	1.93	54.0	8.01	AV	233.00	100	Vertical	Pass
2	5350.550	58.37	1.90	74.0	15.63	Peak	295.00	100	Vertical	Pass
2**	5350.550	46.12	1.90	54.0	7.88	AV	295.00	100	Vertical	Pass

U-NII-1 11n40 Low Channel

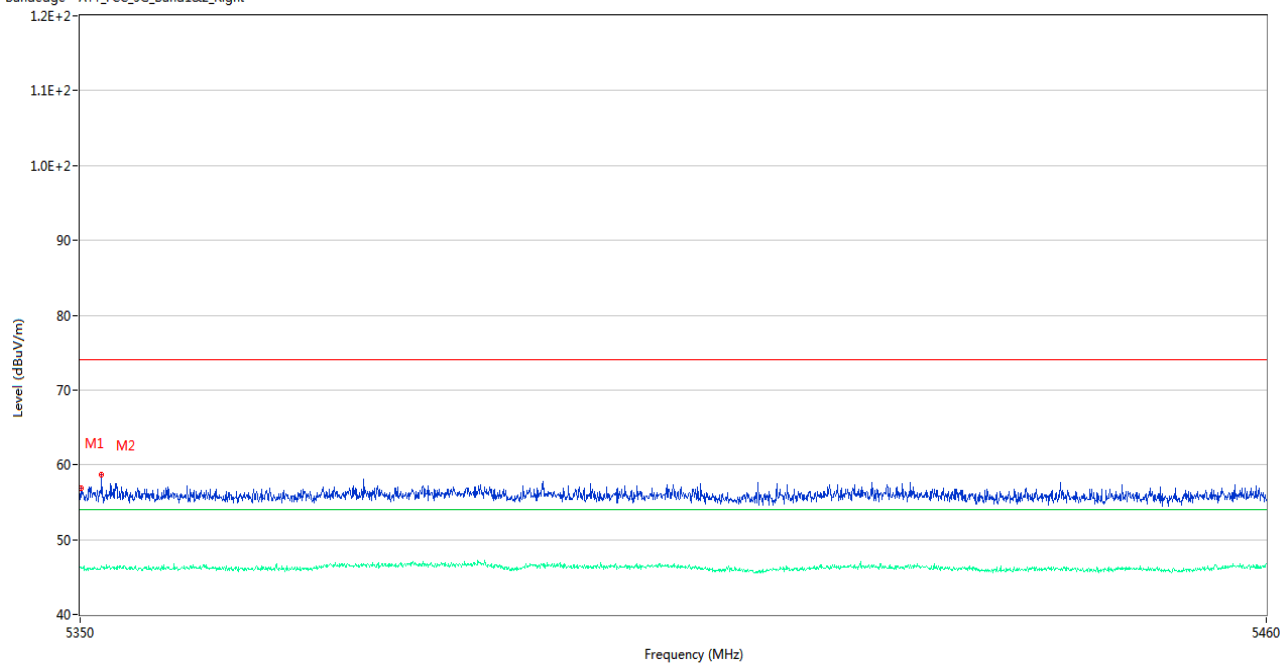
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	73.30	2.06	74.0	0.70	Peak	65.00	150	Vertical	Pass
1**	5148.700	52.83	2.06	54.0	1.17	AV	65.00	150	Vertical	Pass
2	5149.675	72.55	2.07	74.0	1.45	Peak	312.00	200	Vertical	Pass
2**	5149.675	52.65	2.07	54.0	1.35	AV	312.00	200	Vertical	Pass
3	5149.350	72.74	2.05	74.0	1.26	Peak	299.00	150	Vertical	Pass
3**	5149.350	53.33	2.05	54.0	0.67	AV	299.00	150	Vertical	Pass

U-NII-1 11n40 High Channel

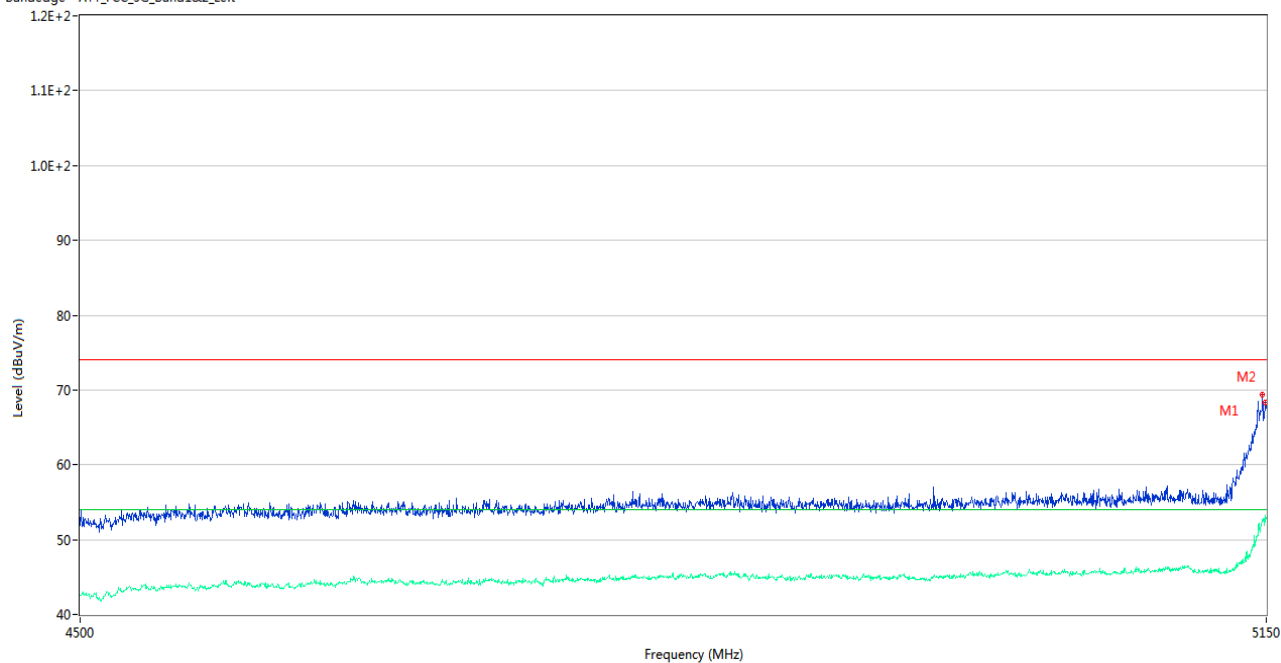
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.94	1.93	74.0	17.06	Peak	34.00	100	Vertical	Pass
1**	5350.055	46.31	1.93	54.0	7.69	AV	34.00	100	Vertical	Pass
2	5351.980	58.75	2.03	74.0	15.25	Peak	341.00	150	Vertical	Pass
2**	5351.980	46.49	2.03	54.0	7.51	AV	341.00	150	Vertical	Pass

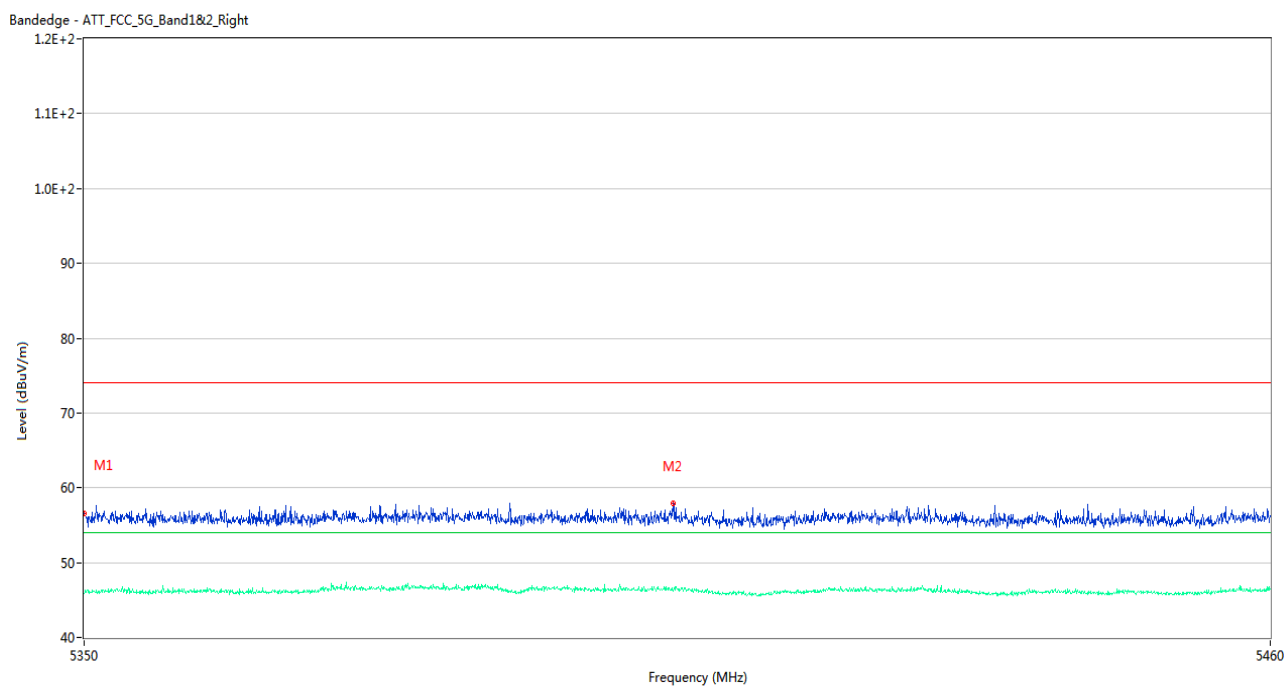
U-NII-1 11ac20 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	69.37	2.18	74.0	4.63	Peak	309.00	150	Vertical	Pass
1**	5147.725	52.46	2.18	54.0	1.54	AV	309.00	150	Vertical	Pass
2	5149.675	68.35	2.07	74.0	5.65	Peak	64.00	200	Vertical	Pass
2**	5149.675	53.32	2.07	54.0	0.68	AV	64.00	200	Vertical	Pass

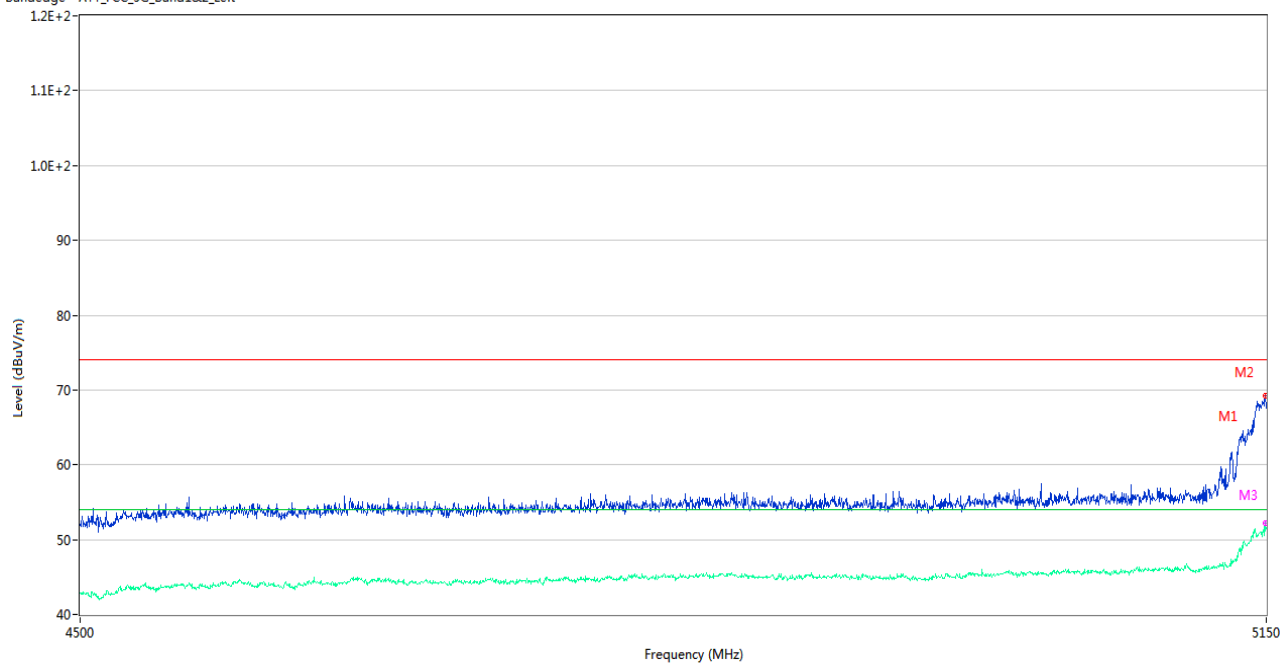
U-NII-1 11ac20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.65	1.93	74.0	17.35	Peak	222.00	150	Vertical	Pass
1**	5350.000	45.94	1.93	54.0	8.06	AV	222.00	150	Vertical	Pass
2	5404.340	57.94	2.15	74.0	16.06	Peak	108.00	200	Vertical	Pass
2**	5404.340	46.25	2.15	54.0	7.75	AV	108.00	200	Vertical	Pass

U-NII-1 11ac40 Low Channel

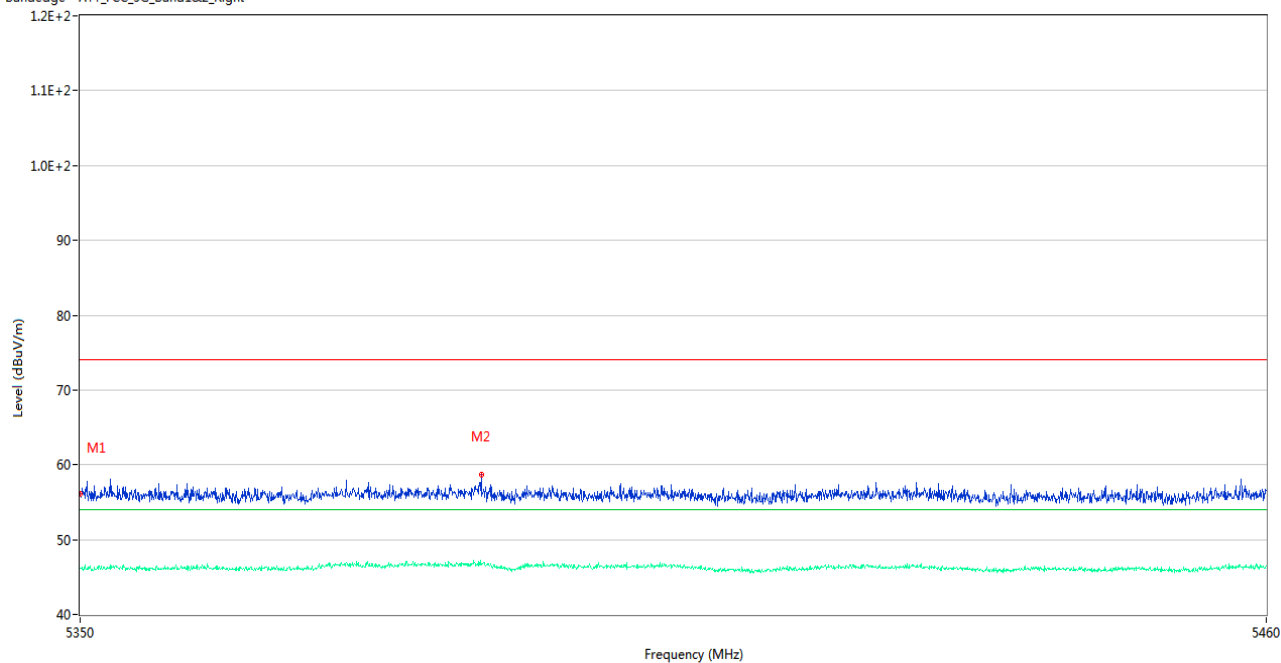
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	69.22	2.07	74.0	4.78	Peak	64.00	100	Vertical	Pass
1**	5149.675	51.17	2.07	54.0	2.83	AV	64.00	100	Vertical	Pass
2	5149.675	69.22	2.07	74.0	4.78	Peak	64.00	100	Vertical	Pass
2**	5149.675	51.17	2.07	54.0	2.83	AV	64.00	100	Vertical	Pass
3	5149.350	68.58	2.05	74.0	5.42	Peak	61.00	150	Vertical	Pass
3**	5149.350	52.16	2.05	54.0	1.84	AV	61.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel

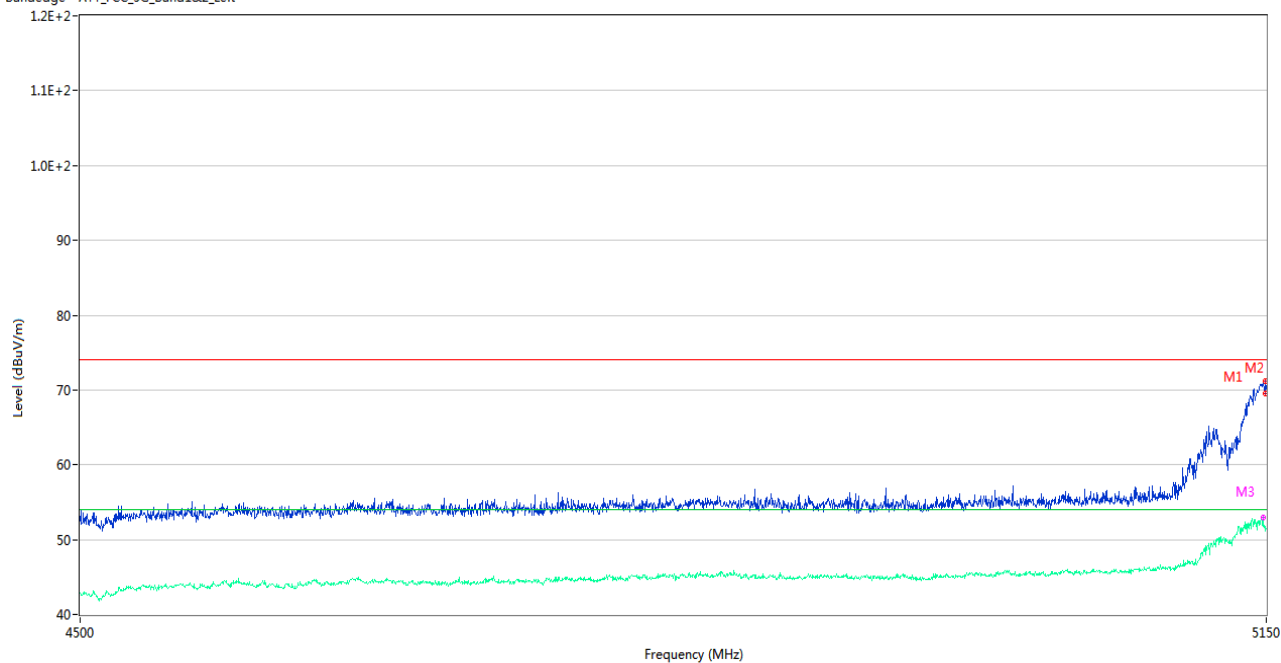
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.12	1.93	74.0	17.88	Peak	227.00	150	Vertical	Pass
1**	5350.000	46.11	1.93	54.0	7.89	AV	227.00	150	Vertical	Pass
2	5386.960	58.75	2.37	74.0	15.25	Peak	46.00	100	Vertical	Pass
2**	5386.960	46.75	2.37	54.0	7.25	AV	46.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

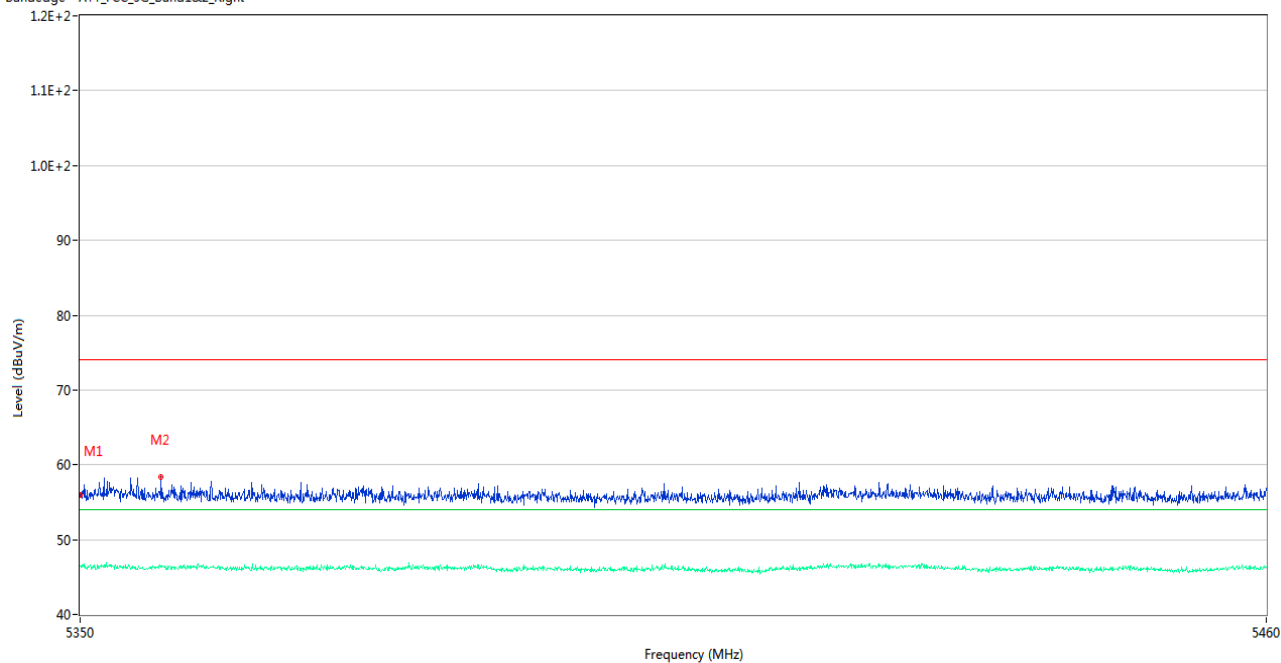
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	71.19	2.05	74.0	2.81	Peak	304.00	150	Vertical	Pass
1**	5149.350	51.10	2.05	54.0	2.90	AV	304.00	150	Vertical	Pass
2	5149.675	69.56	2.07	74.0	4.44	Peak	80.00	150	Vertical	Pass
2**	5149.675	51.77	2.07	54.0	2.23	AV	80.00	150	Vertical	Pass
3	5148.050	70.87	2.14	74.0	3.13	Peak	66.00	150	Vertical	Pass
3**	5148.050	53.00	2.14	54.0	1.00	AV	66.00	150	Vertical	Pass

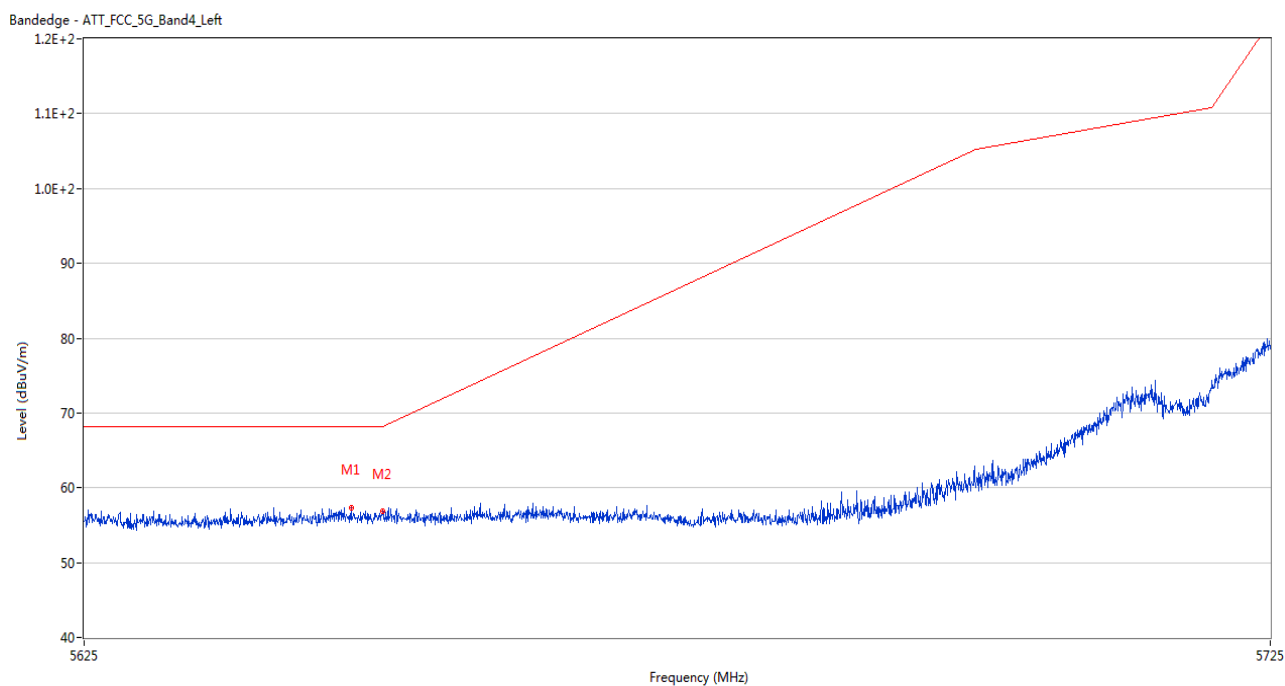
U-NII-1 11ac80 Middle Channel

Bandedge - ATT_FCC_5G_Band1&2_Right



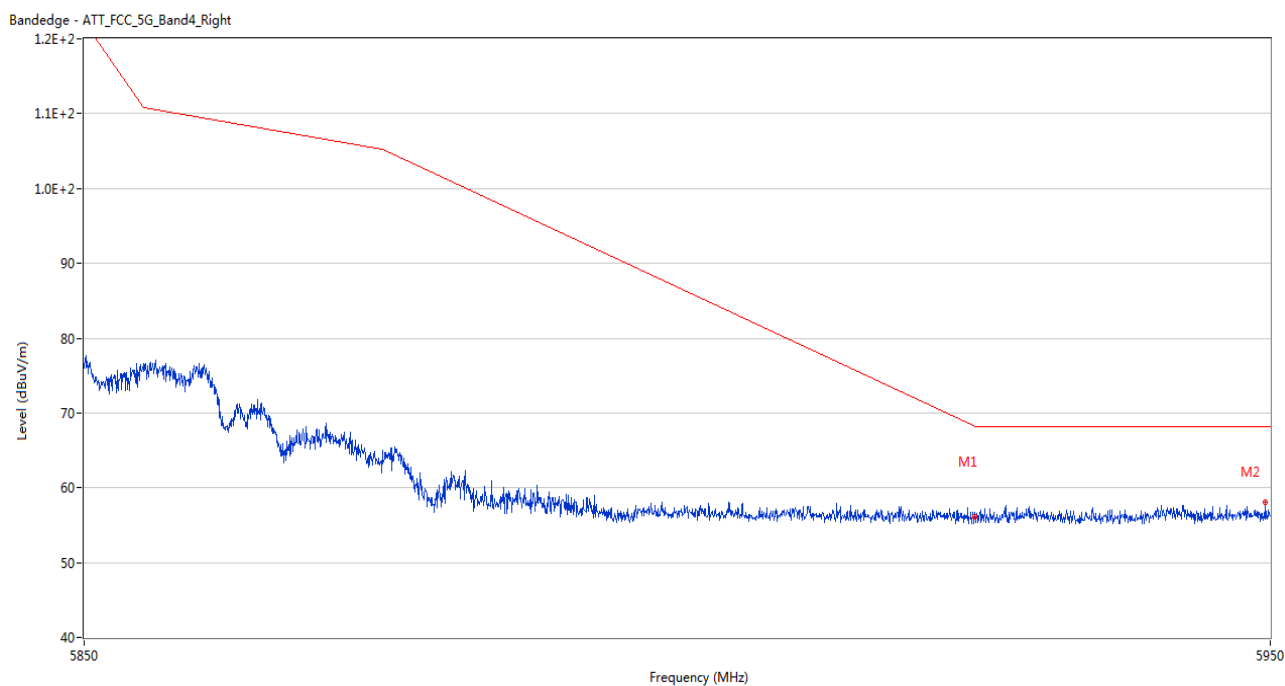
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.98	1.93	74.0	18.02	Peak	71.00	150	Vertical	Pass
1**	5350.000	46.43	1.93	54.0	7.57	AV	71.00	150	Vertical	Pass
2	5357.425	58.38	2.21	74.0	15.62	Peak	10.00	100	Vertical	Pass
2**	5357.425	46.32	2.21	54.0	7.68	AV	10.00	100	Vertical	Pass

U-NII-3 11a Low Channel



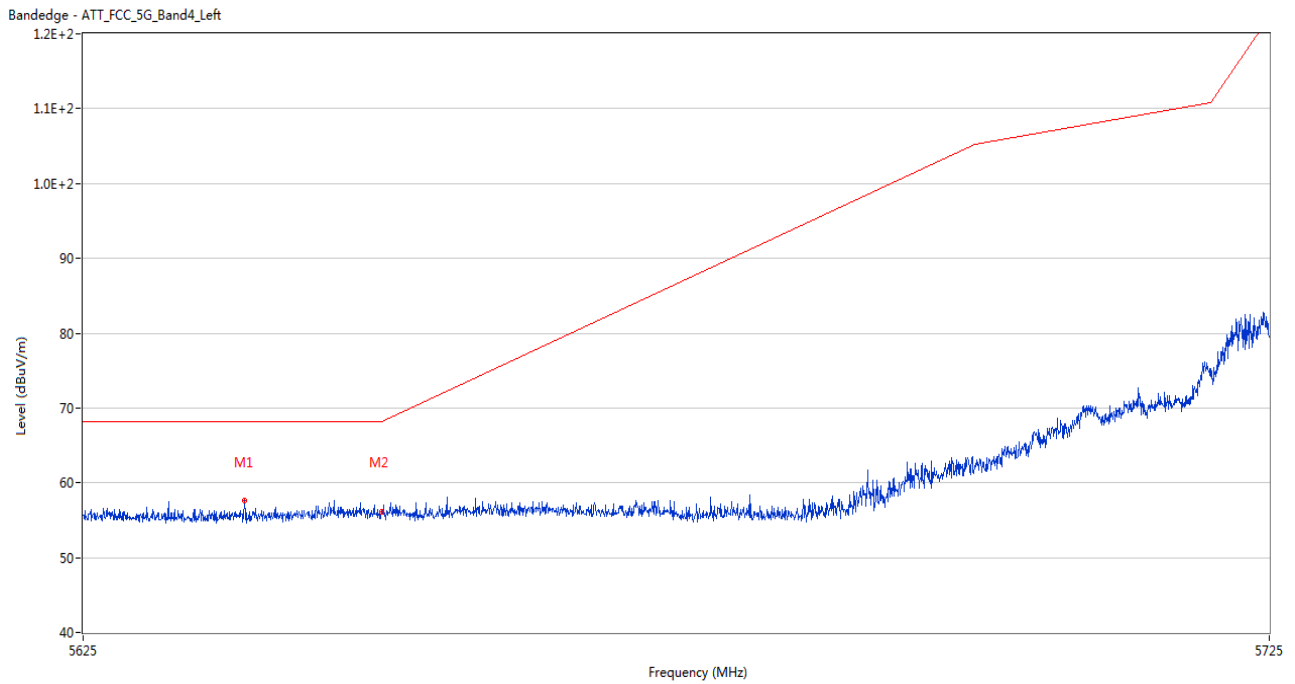
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.350	57.40	2.61	68.2	10.80	Peak	15.00	150	Vertical	Pass
2	5650.000	56.88	2.54	68.2	11.32	Peak	312.00	150	Vertical	Pass

U-NII-3 11a High Channel



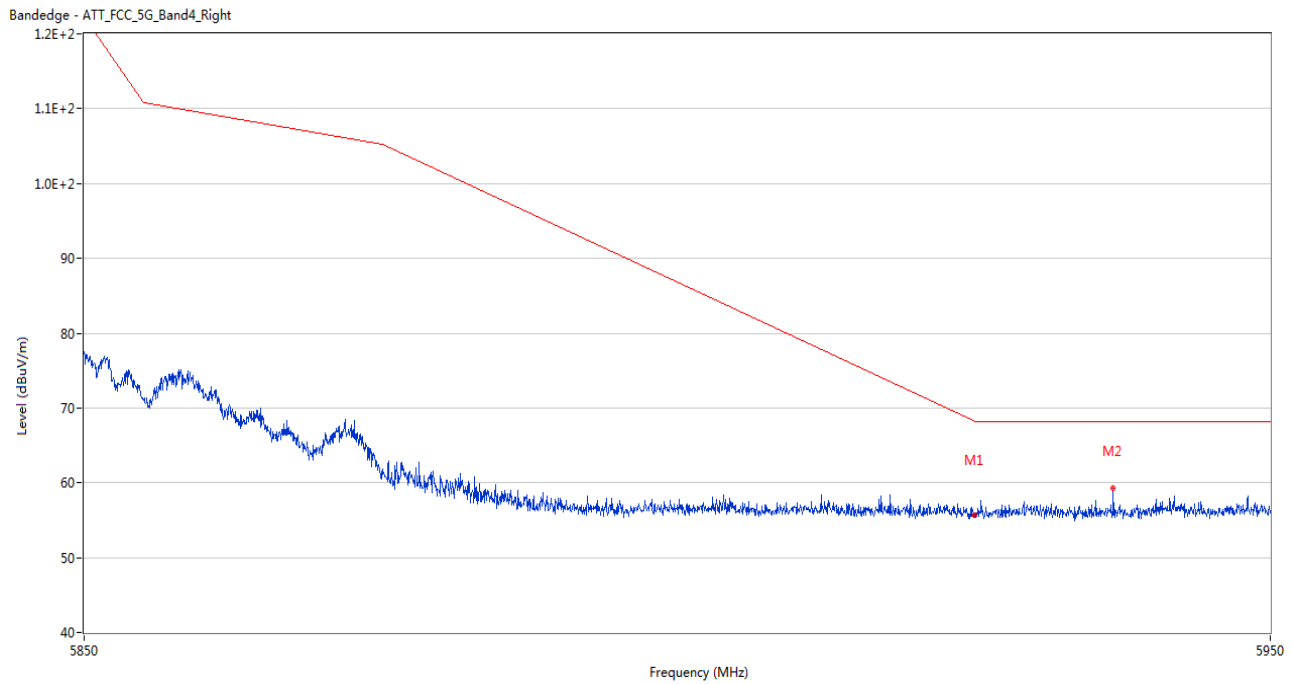
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.06	2.32	68.2	12.14	Peak	340.00	200	Vertical	Pass
2	5949.600	58.05	2.55	68.2	10.15	Peak	0.00	150	Vertical	Pass

U-NII-3 11n20 Low Channel



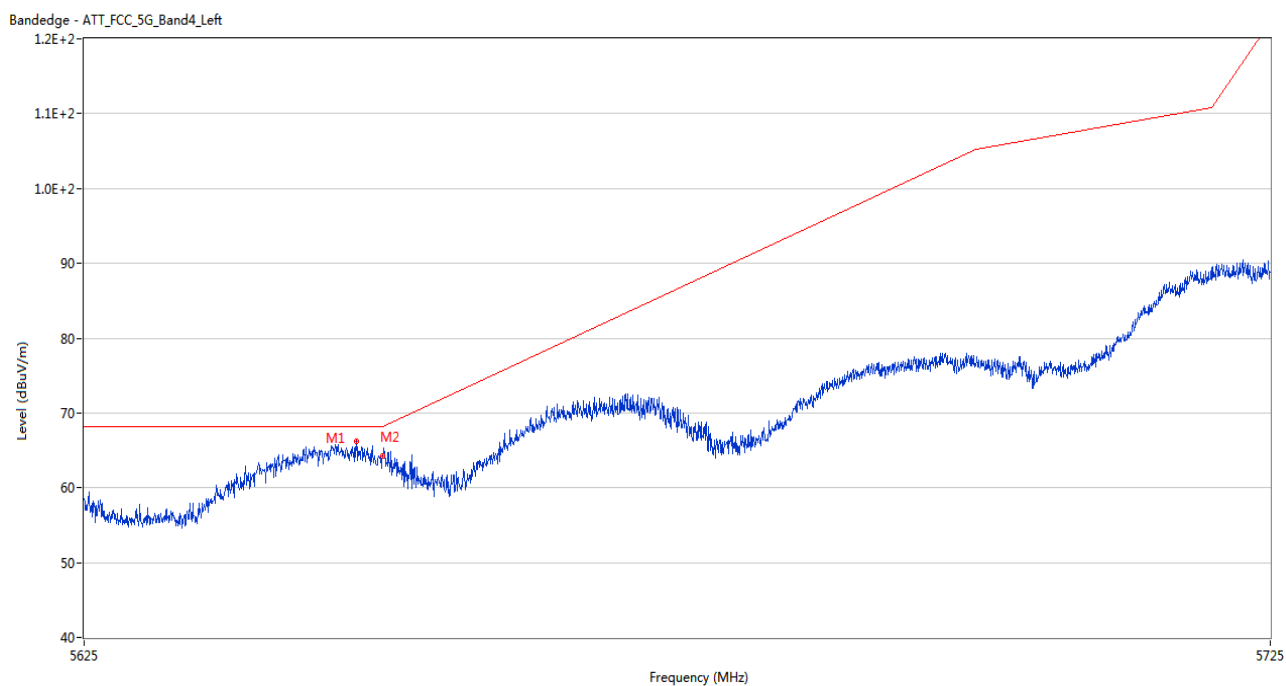
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.500	57.69	2.34	68.2	10.51	Peak	349.00	200	Vertical	Pass
2	5650.000	56.05	2.54	68.2	12.15	Peak	246.00	100	Vertical	Pass

U-NII-3 11n20 High Channel



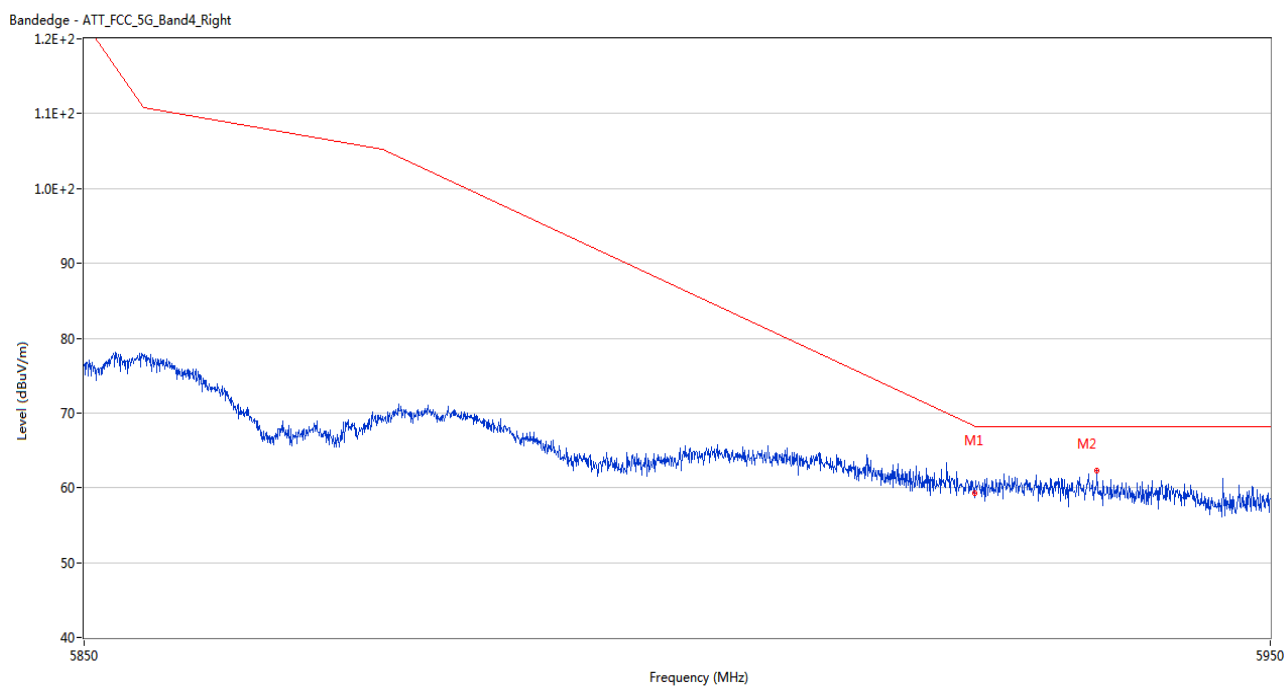
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.66	2.32	68.2	12.54	Peak	360.00	100	Vertical	Pass
2	5936.650	59.31	2.39	68.2	8.89	Peak	59.00	150	Vertical	Pass

U-NII-3 11n40 Low Channel



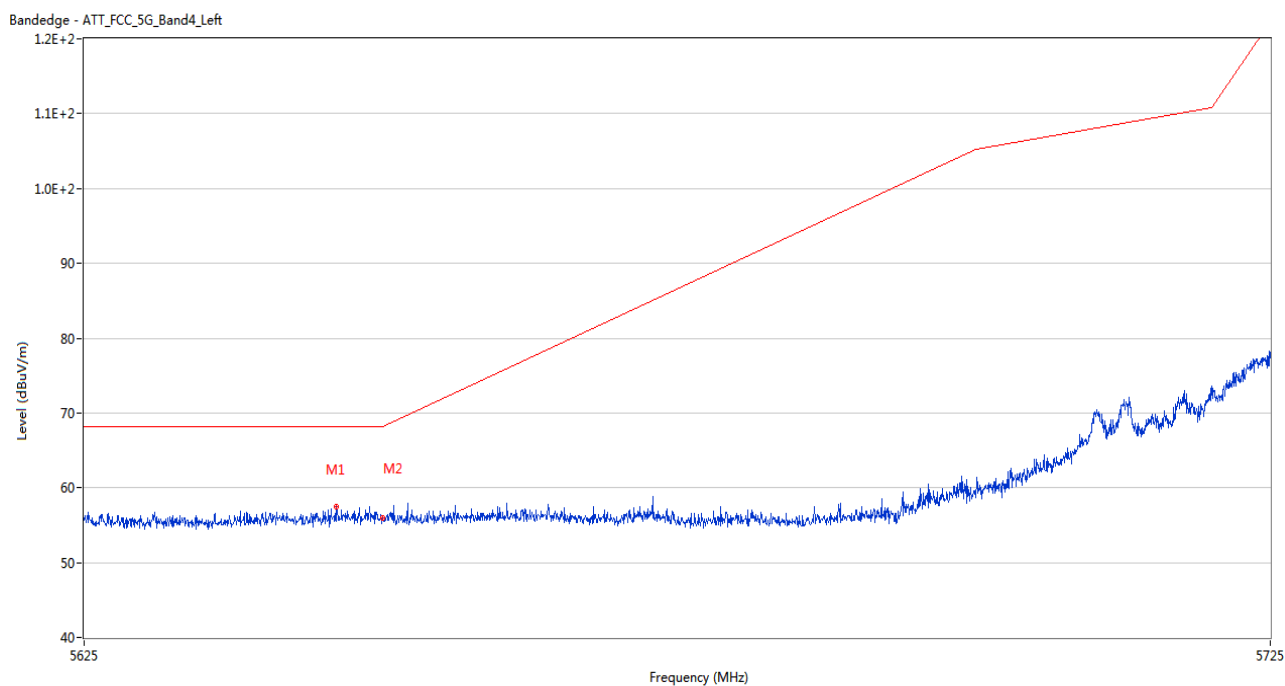
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.800	66.24	2.57	68.2	1.96	Peak	306.00	100	Vertical	Pass
2	5650.000	64.30	2.54	68.2	3.90	Peak	303.00	100	Vertical	Pass

U-NII-3 11n40 High Channel



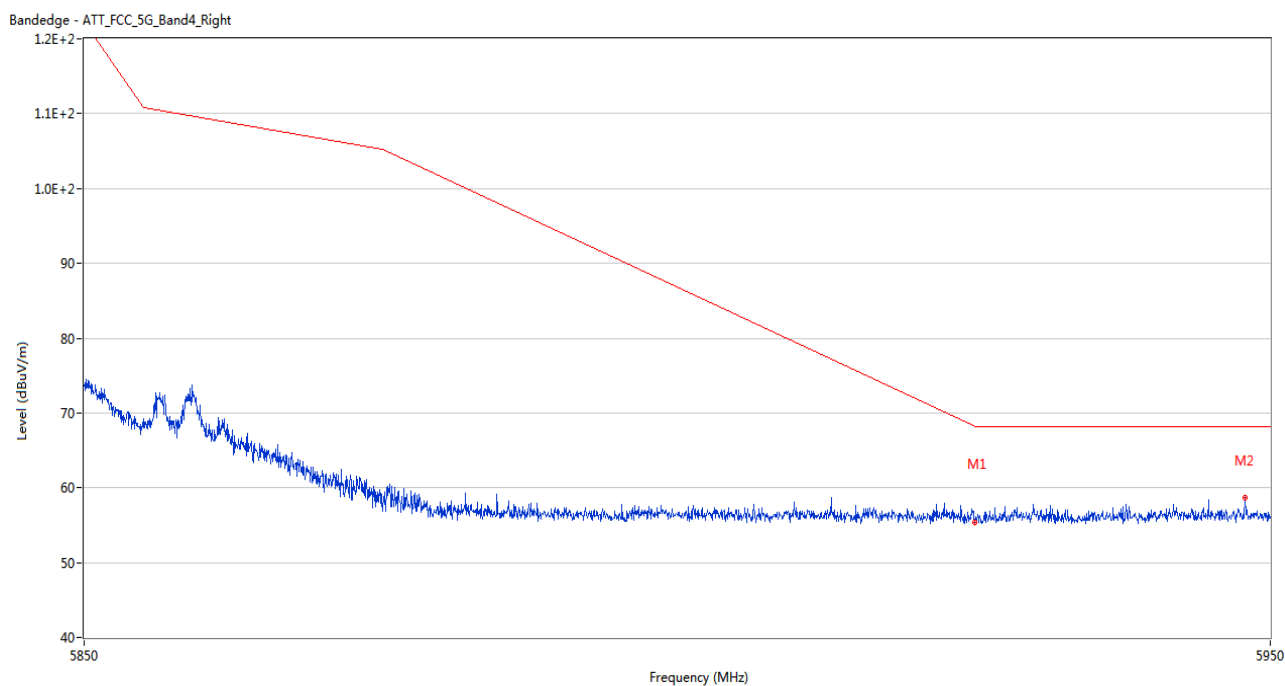
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	59.34	2.32	68.2	8.86	Peak	352.00	150	Vertical	Pass
2	5935.300	62.35	2.50	68.2	5.85	Peak	330.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



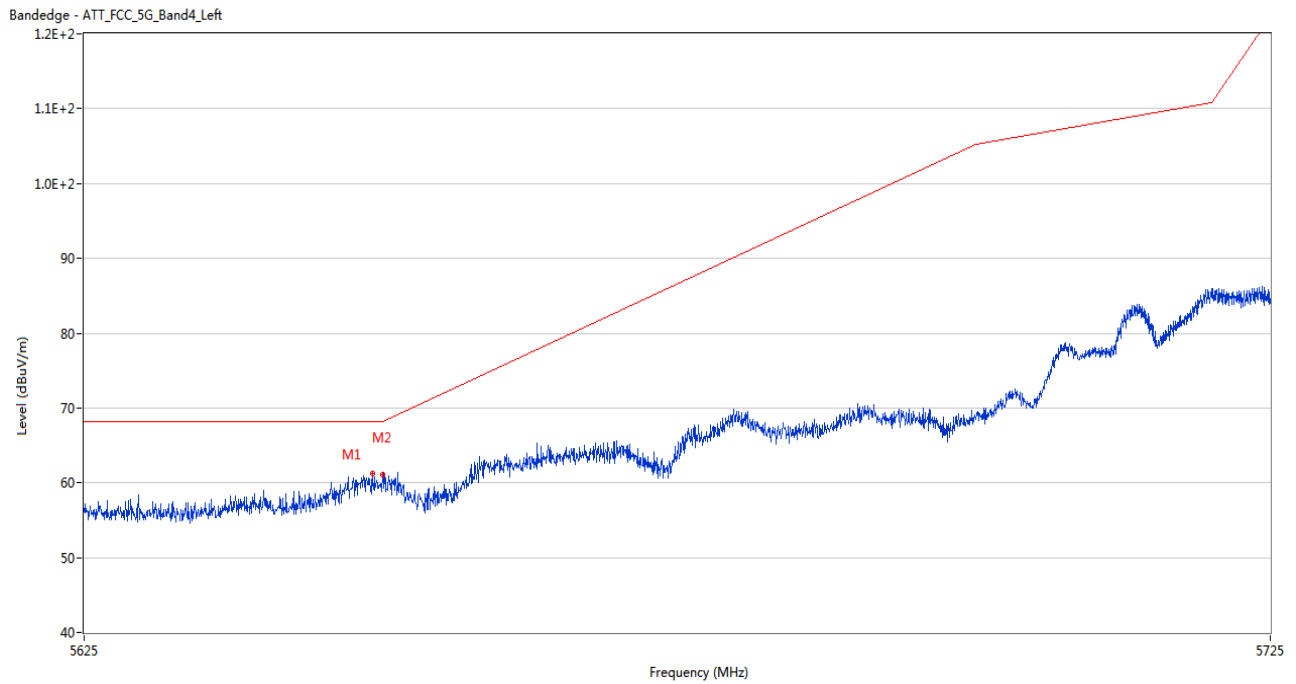
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.150	57.44	2.71	68.2	10.76	Peak	8.00	100	Vertical	Pass
2	5650.000	55.90	2.54	68.2	12.30	Peak	108.00	100	Vertical	Pass

U-NII-3 11ac20 High Channel



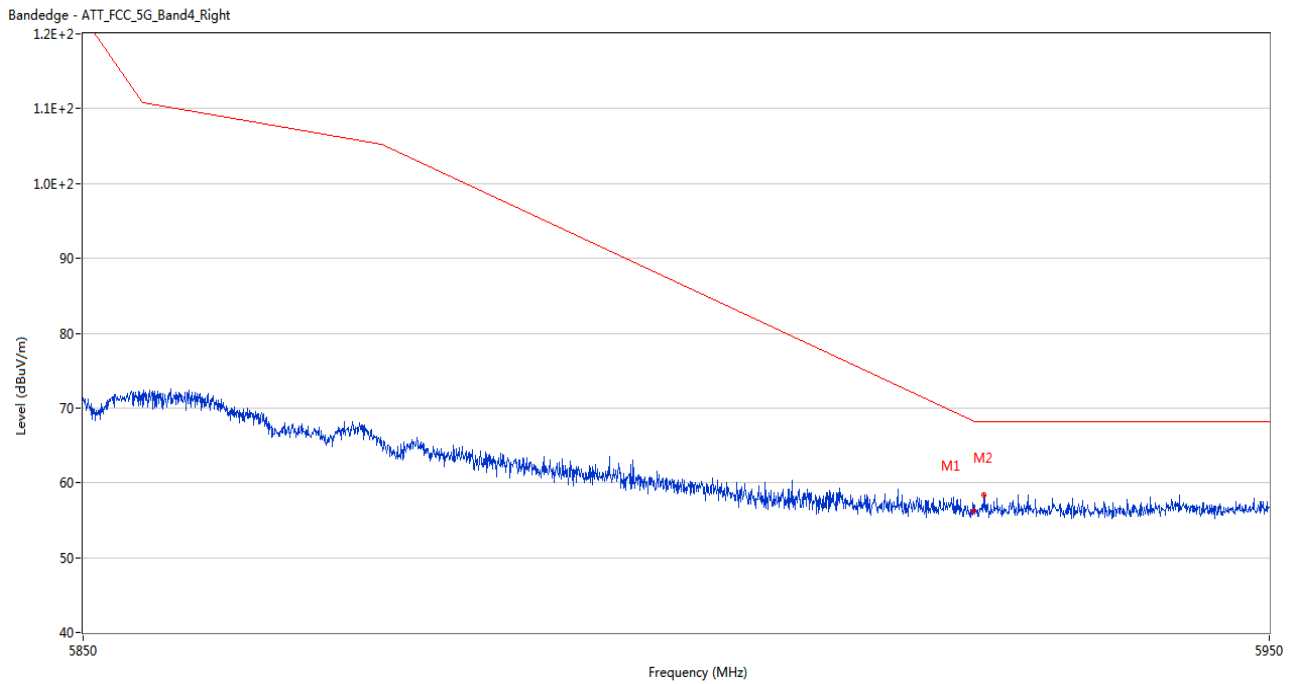
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.31	2.32	68.2	12.89	Peak	83.00	150	Vertical	Pass
2	5947.850	58.64	2.70	68.2	9.56	Peak	77.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel



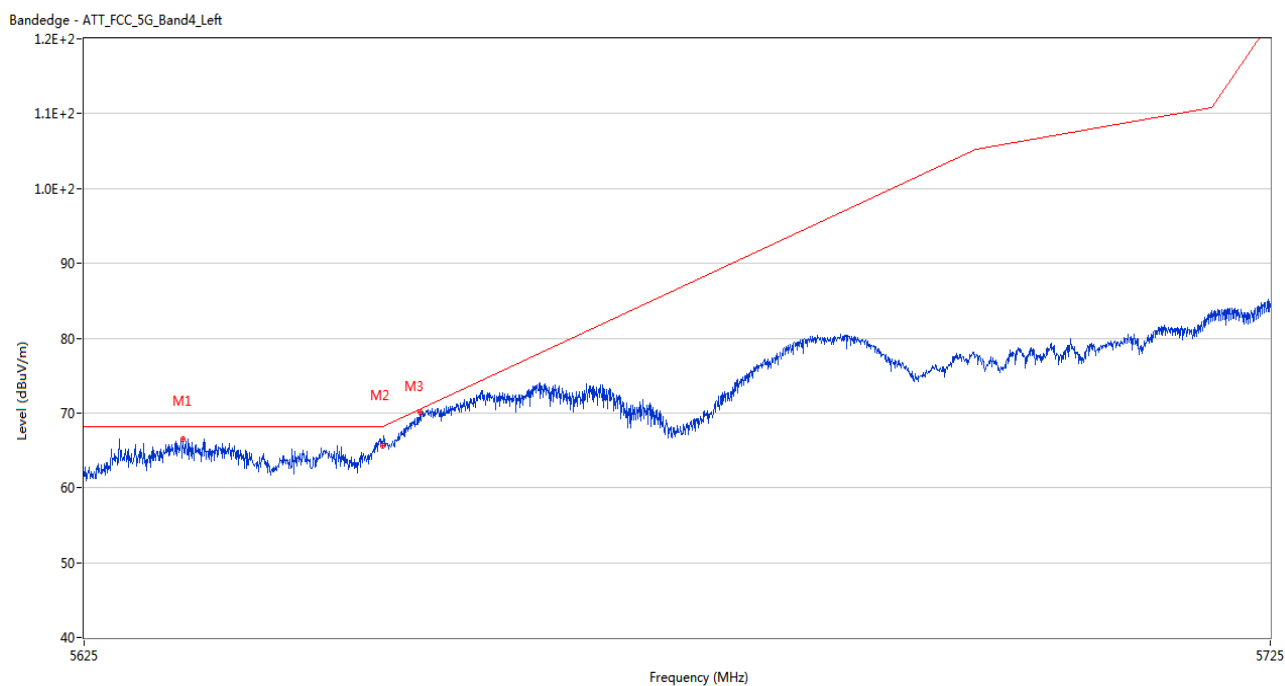
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.150	61.22	2.52	68.2	6.98	Peak	305.00	100	Vertical	Pass
2	5650.000	61.08	2.54	68.2	7.12	Peak	342.00	200	Vertical	Pass

U-NII-3 11ac40 High Channel



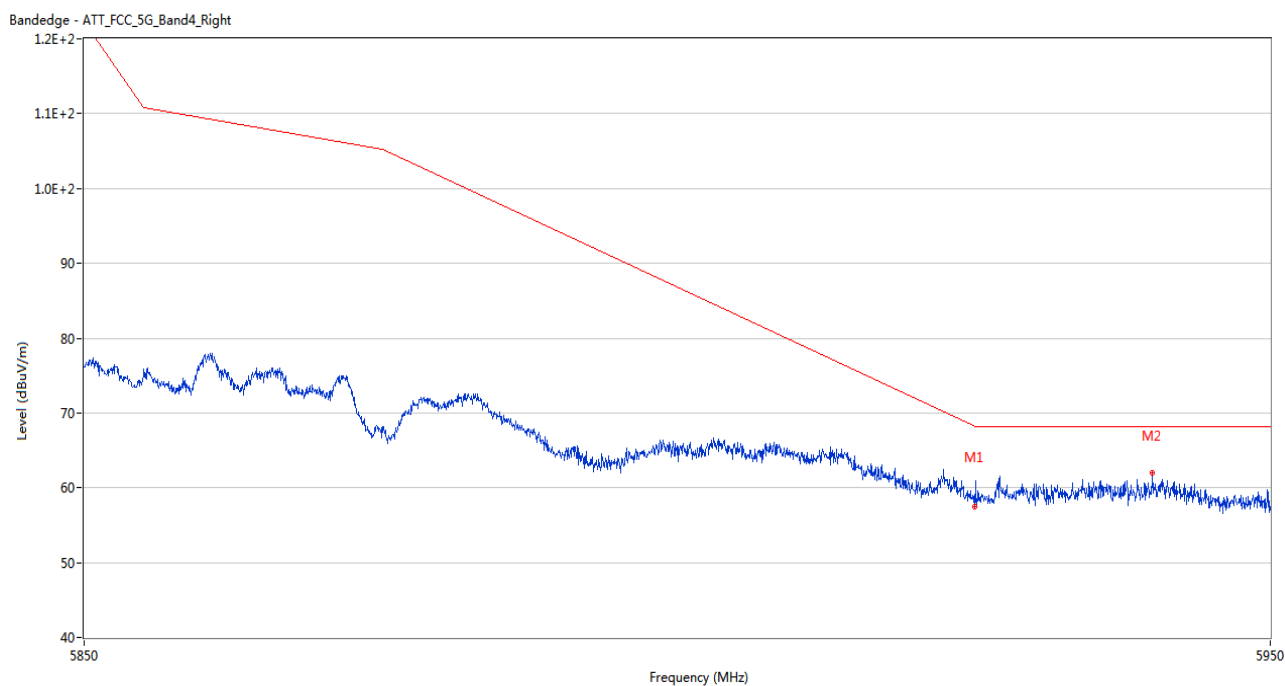
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.22	2.32	68.2	11.98	Peak	59.00	150	Vertical	Pass
2	5925.750	58.40	2.33	68.2	9.80	Peak	345.00	100	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.250	66.59	2.03	68.2	1.61	Peak	309.00	150	Vertical	Pass
2	5650.000	65.61	2.54	68.2	2.59	Peak	146.00	100	Vertical	Pass
3	5653.100	70.08	2.34	70.5	0.42	Peak	318.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel

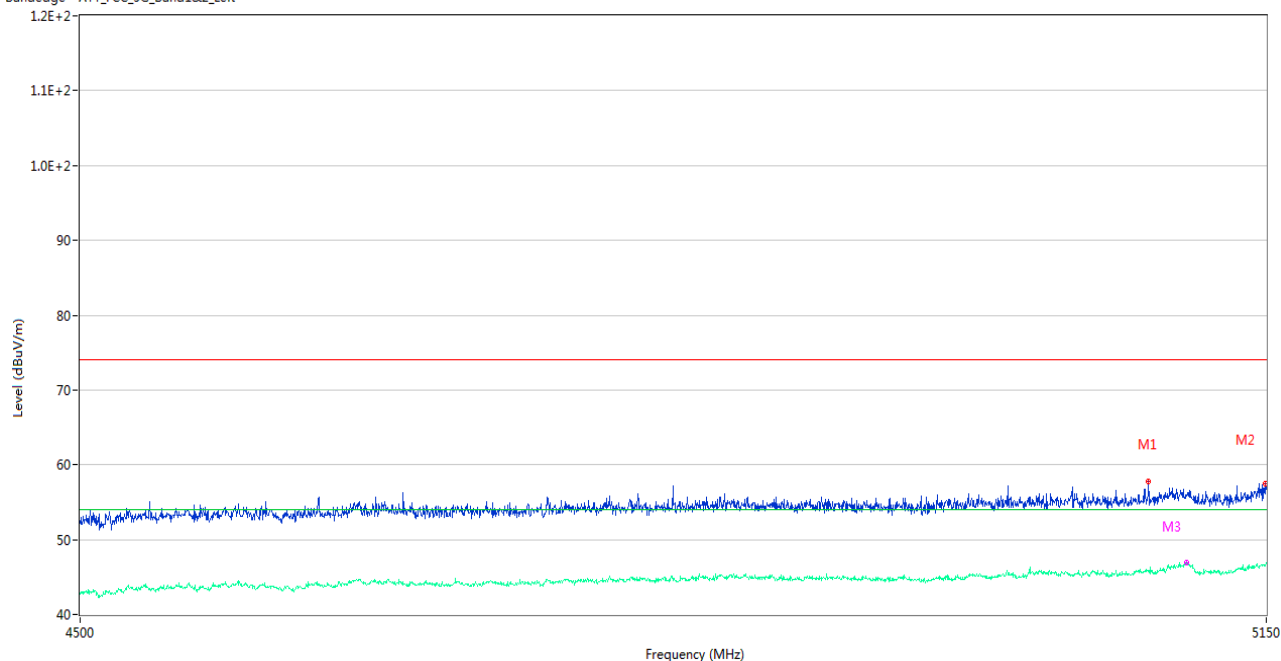


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	57.44	2.32	68.2	10.76	Peak	341.00	200	Vertical	Pass
2	5940.000	61.99	2.48	68.2	6.21	Peak	307.00	150	Vertical	Pass

MIMO

U-NII-1 11a Low Channel

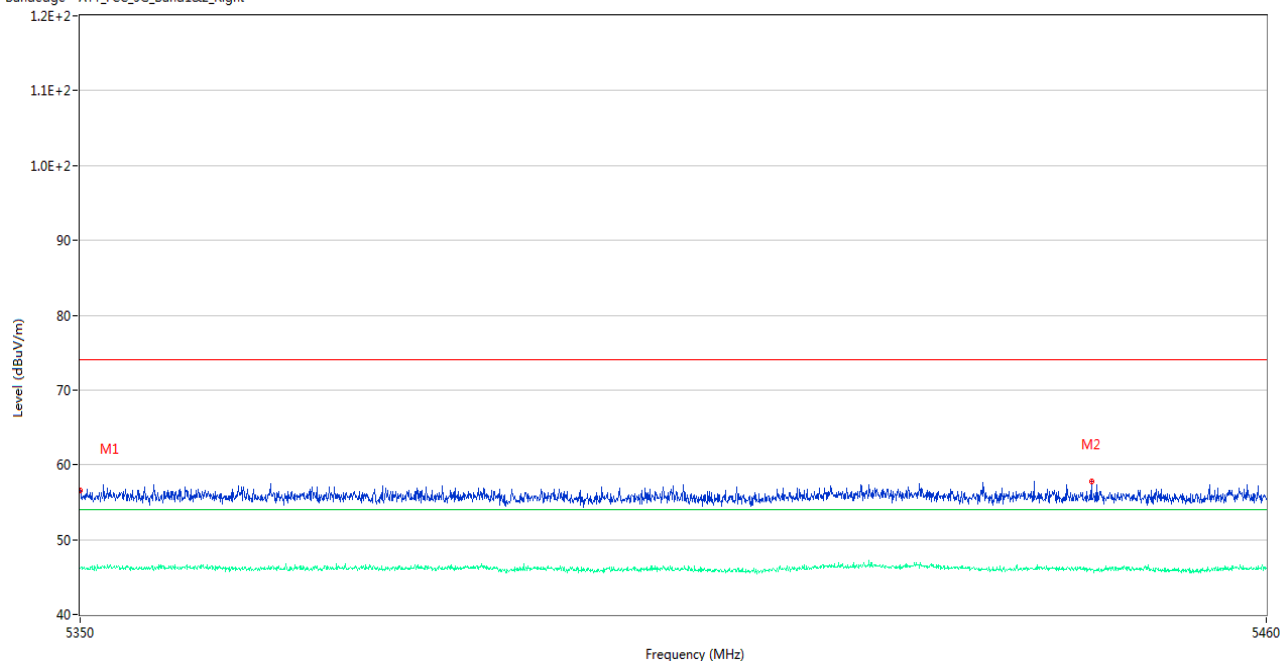
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5081.425	57.74	2.37	74.0	16.26	Peak	229.00	150	Vertical	Pass
1**	5081.425	45.88	2.37	54.0	8.12	AV	229.00	150	Vertical	Pass
2	5149.675	57.54	2.07	74.0	16.46	Peak	217.00	150	Vertical	Pass
2**	5149.675	46.48	2.07	54.0	7.52	AV	217.00	150	Vertical	Pass
3	5103.525	55.80	2.48	74.0	18.20	Peak	59.00	150	Vertical	Pass
3**	5103.525	46.90	2.48	54.0	7.10	AV	59.00	150	Vertical	Pass

U-NII-1 11a High Channel

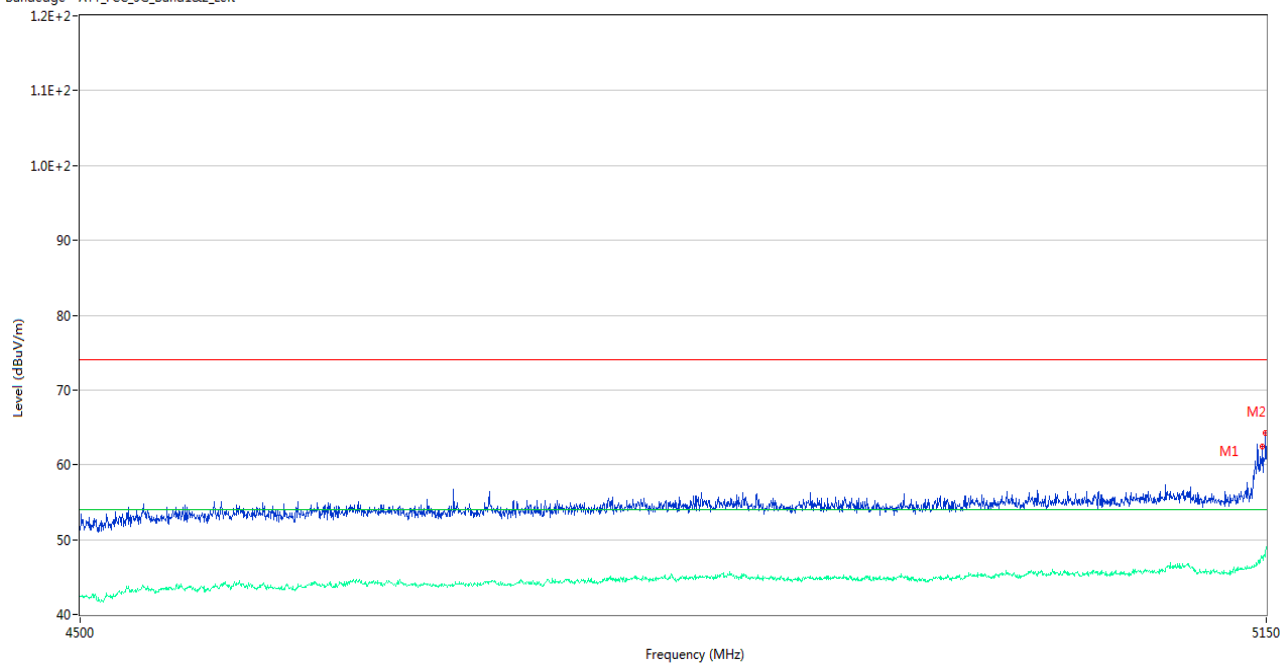
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.62	1.93	74.0	17.38	Peak	52.00	200	Vertical	Pass
1**	5350.000	46.12	1.93	54.0	7.88	AV	52.00	200	Vertical	Pass
2	5443.665	57.82	2.15	74.0	16.18	Peak	326.00	200	Vertical	Pass
2**	5443.665	45.95	2.15	54.0	8.05	AV	326.00	200	Vertical	Pass

U-NII-1 11n20 Low Channel

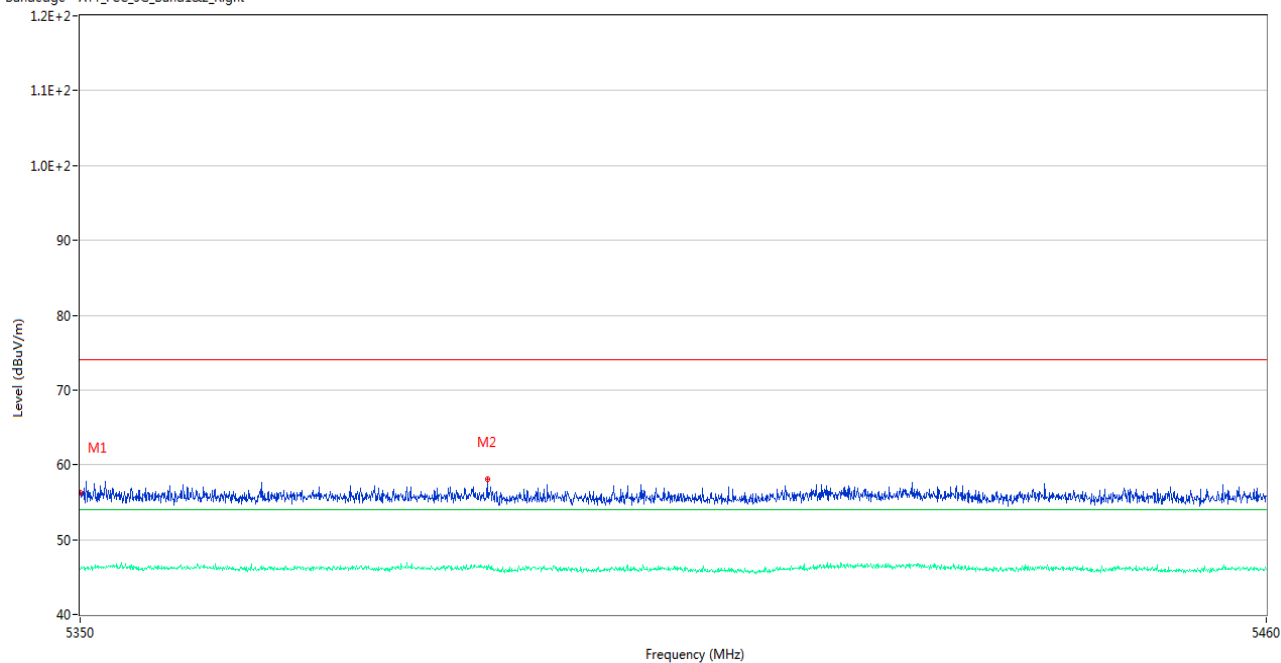
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	62.49	2.18	74.0	11.51	Peak	22.00	150	Vertical	Pass
1**	5147.725	47.61	2.18	54.0	6.39	AV	22.00	150	Vertical	Pass
2	5149.675	64.30	2.07	74.0	9.70	Peak	22.00	200	Vertical	Pass
2**	5149.675	48.26	2.07	54.0	5.74	AV	22.00	200	Vertical	Pass

U-NII-1 11n20 High Channel

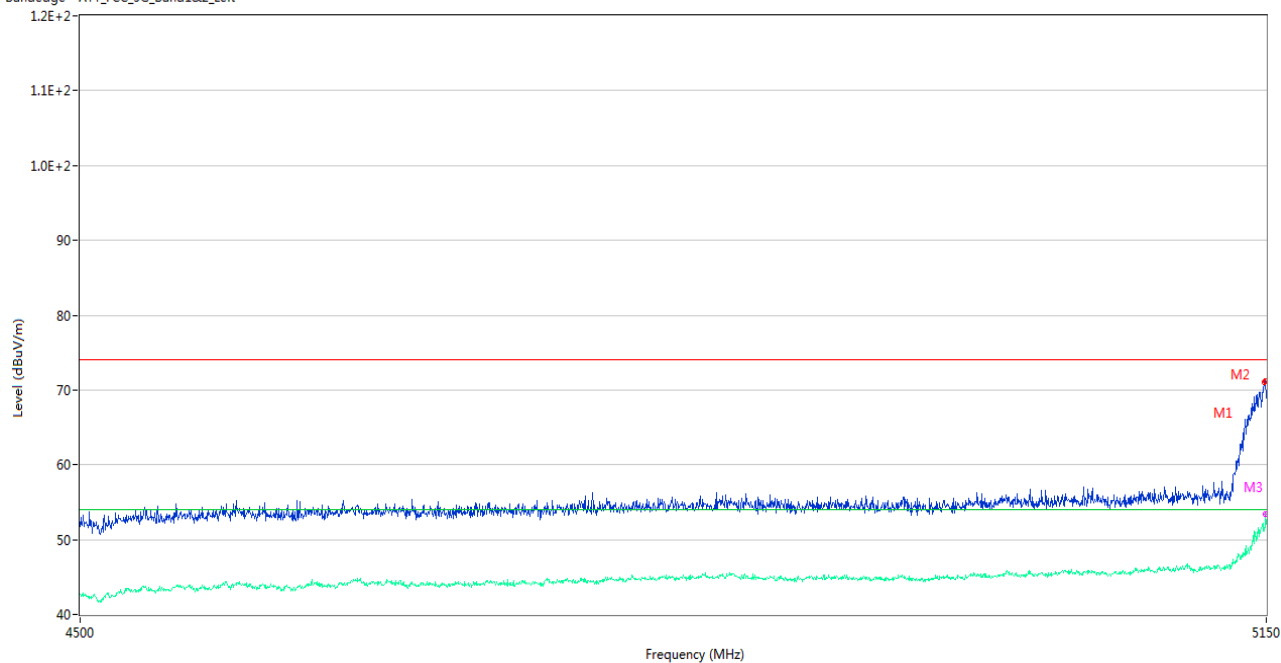
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.31	1.93	74.0	17.69	Peak	235.00	150	Vertical	Pass
1**	5350.000	46.04	1.93	54.0	7.96	AV	235.00	150	Vertical	Pass
2	5387.510	58.04	2.24	74.0	15.96	Peak	231.00	100	Vertical	Pass
2**	5387.510	46.14	2.24	54.0	7.86	AV	231.00	100	Vertical	Pass

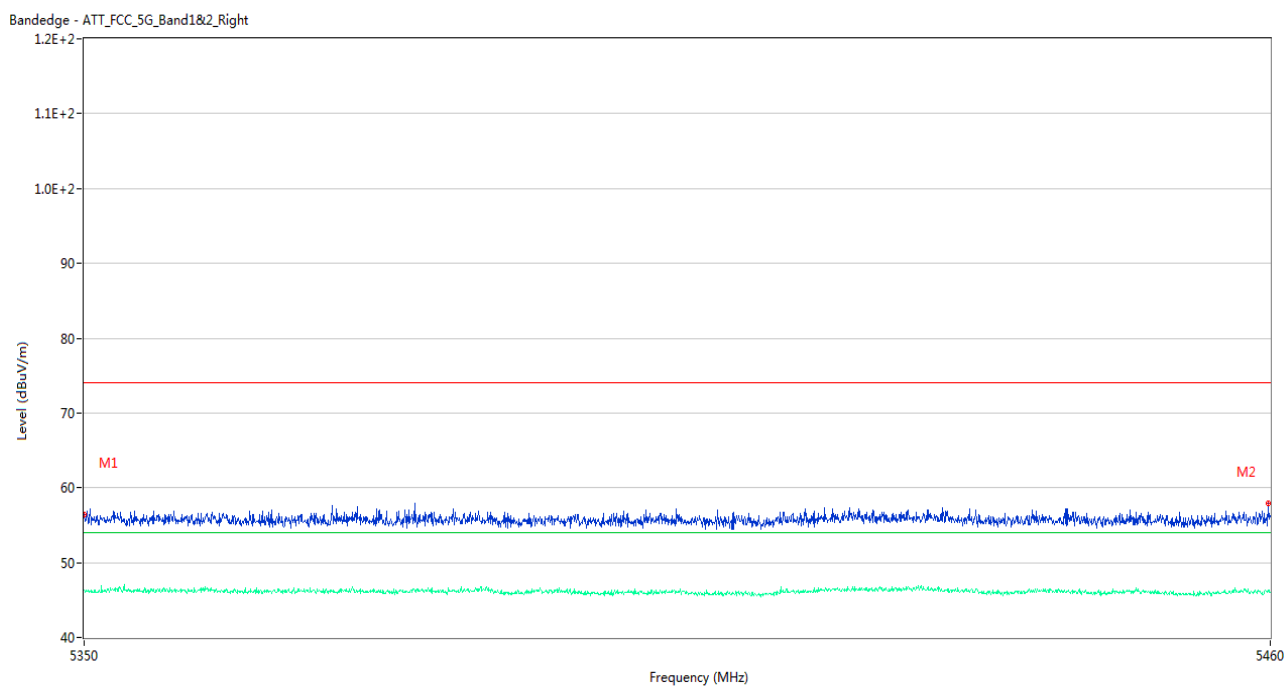
U-NII-1 11n40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	70.97	2.06	74.0	3.03	Peak	306.00	150	Vertical	Pass
1**	5148.700	51.58	2.06	54.0	2.42	AV	306.00	150	Vertical	Pass
2	5149.675	71.12	2.07	74.0	2.88	Peak	63.00	200	Vertical	Pass
2**	5149.675	53.36	2.07	54.0	0.64	AV	63.00	200	Vertical	Pass
3	5149.675	71.12	2.07	74.0	2.88	Peak	63.00	150	Vertical	Pass
3**	5149.675	53.36	2.07	54.0	0.64	AV	63.00	150	Vertical	Pass

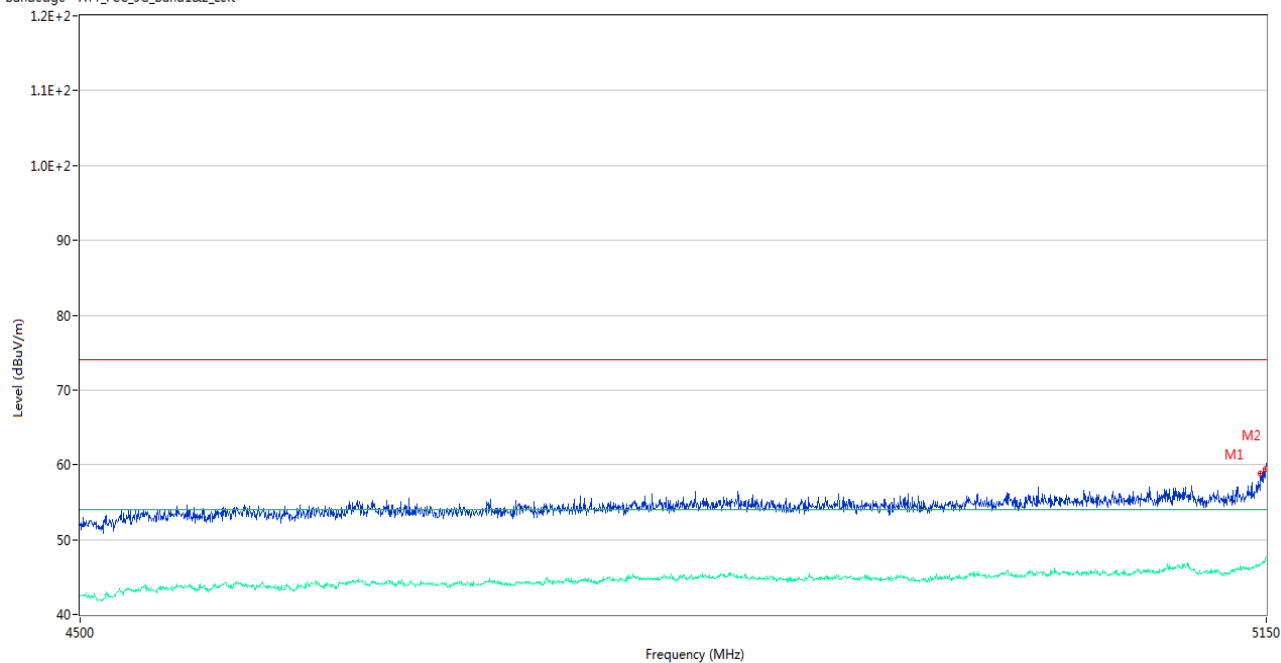
U-NII-1 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.38	1.93	74.0	17.62	Peak	296.00	100	Vertical	Pass
1**	5350.000	46.30	1.93	54.0	7.70	AV	296.00	100	Vertical	Pass
2	5459.780	57.95	2.47	74.0	16.05	Peak	87.00	200	Vertical	Pass
2**	5459.780	46.27	2.47	54.0	7.73	AV	87.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel

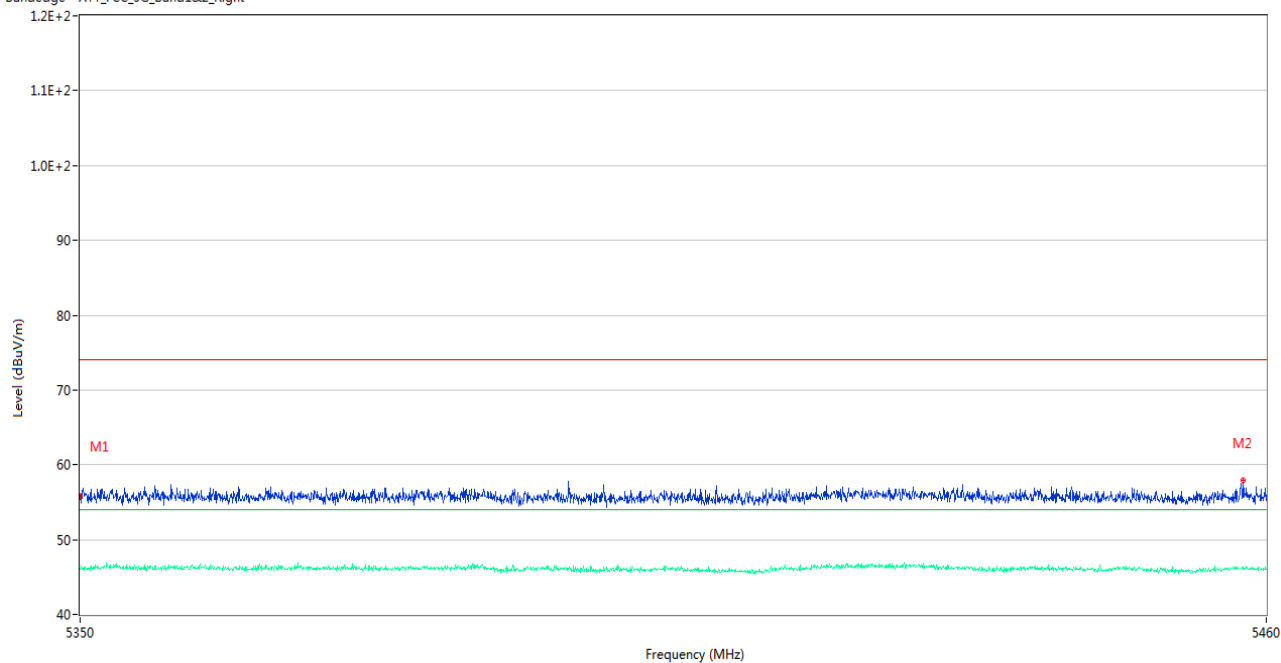
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	58.90	2.29	74.0	15.10	Peak	130.00	150	Vertical	Pass
1**	5146.750	46.67	2.29	54.0	7.33	AV	130.00	150	Vertical	Pass
2	5149.675	59.42	2.07	74.0	14.58	Peak	60.00	150	Vertical	Pass
2**	5149.675	47.47	2.07	54.0	6.53	AV	60.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel

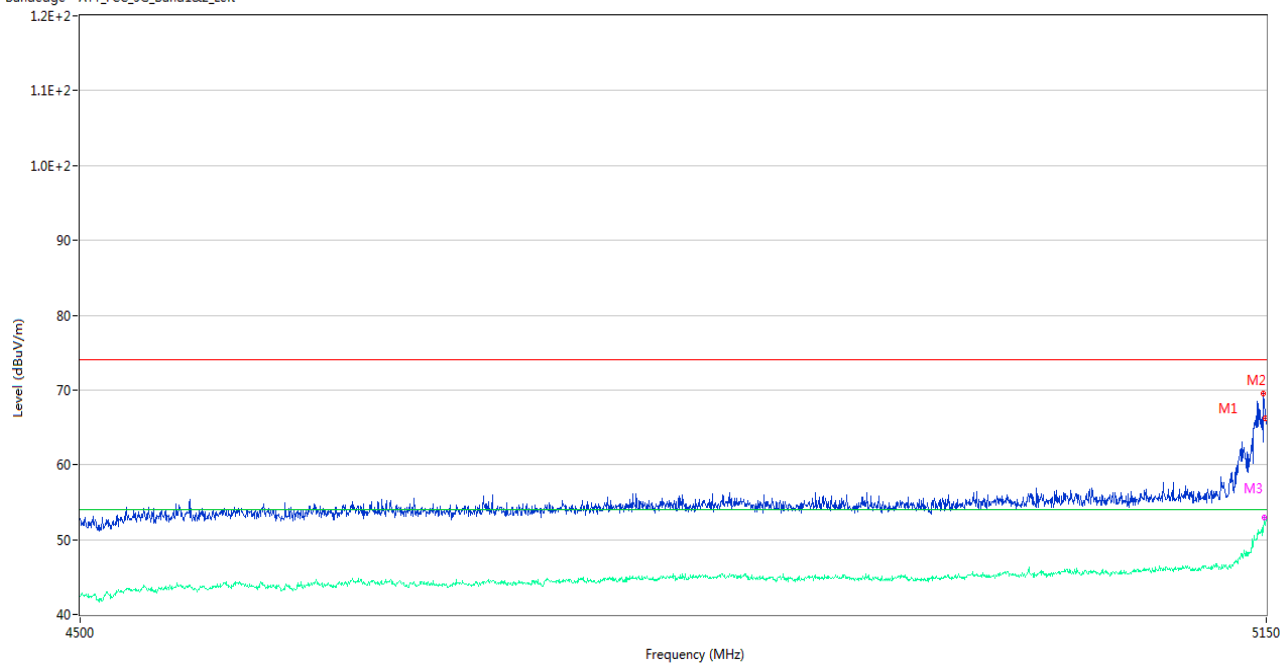
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.81	1.93	74.0	18.19	Peak	340.00	150	Vertical	Pass
1**	5350.000	45.99	1.93	54.0	8.01	AV	340.00	150	Vertical	Pass
2	5457.800	57.90	2.48	74.0	16.10	Peak	203.00	200	Vertical	Pass
2**	5457.800	46.07	2.48	54.0	7.93	AV	203.00	200	Vertical	Pass

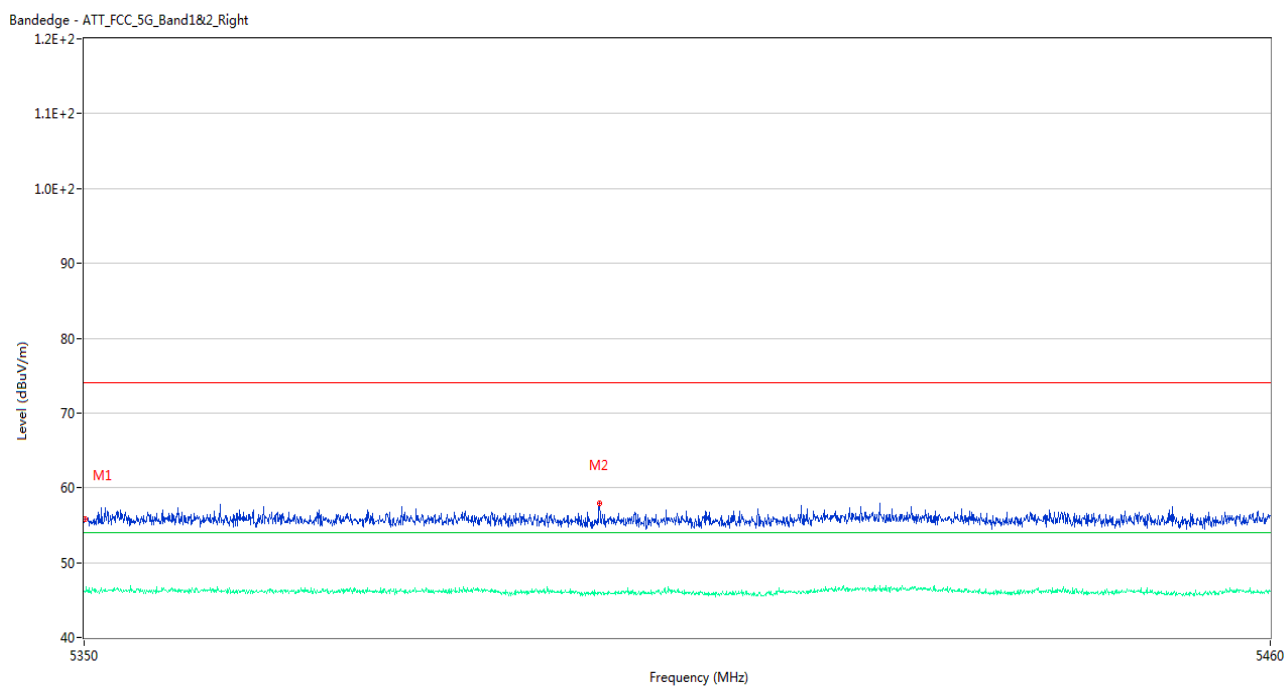
U-NII-1 11ac40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	69.54	2.10	74.0	4.46	Peak	18.00	200	Vertical	Pass
1**	5148.375	50.98	2.10	54.0	3.02	AV	18.00	200	Vertical	Pass
2	5149.675	66.28	2.07	74.0	7.72	Peak	233.00	100	Vertical	Pass
2**	5149.675	51.83	2.07	54.0	2.17	AV	233.00	100	Vertical	Pass
3	5148.700	68.24	2.06	74.0	5.76	Peak	308.00	150	Vertical	Pass
3**	5148.700	52.94	2.06	54.0	1.06	AV	308.00	150	Vertical	Pass

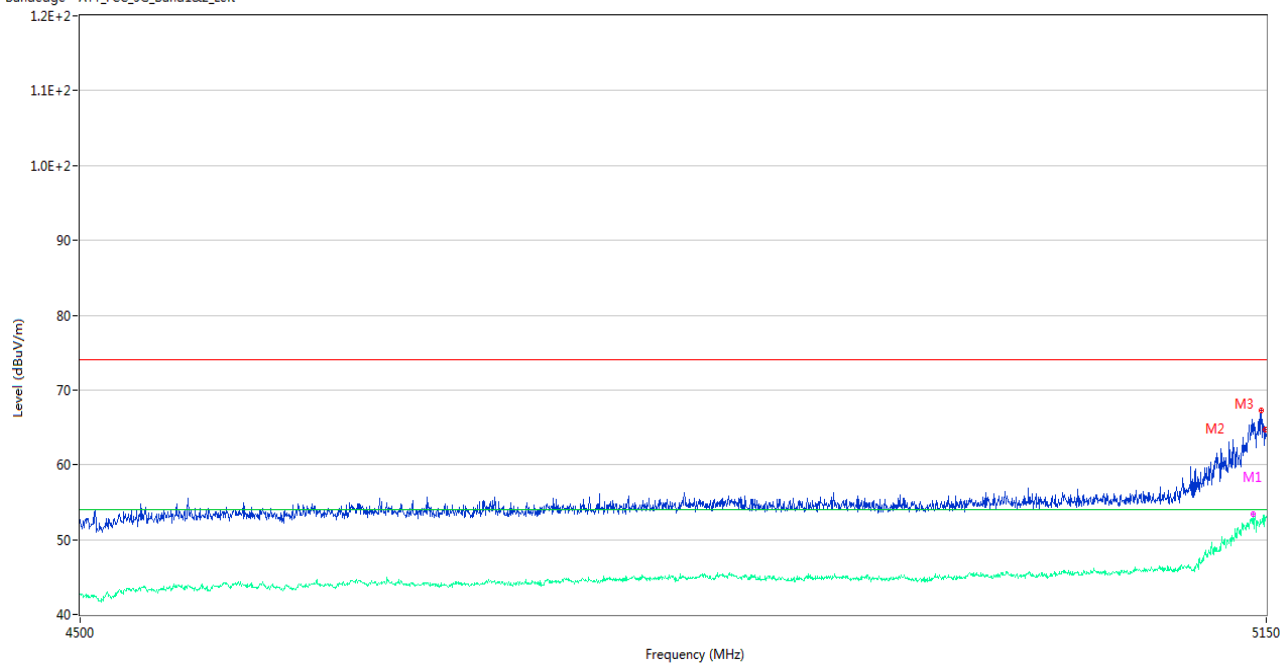
U-NII-1 11ac40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.83	1.93	74.0	18.17	Peak	240.00	150	Vertical	Pass
1**	5350.055	46.11	1.93	54.0	7.89	AV	240.00	150	Vertical	Pass
2	5397.520	58.00	1.90	74.0	16.00	Peak	304.00	100	Vertical	Pass
2**	5397.520	46.07	1.90	54.0	7.93	AV	304.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

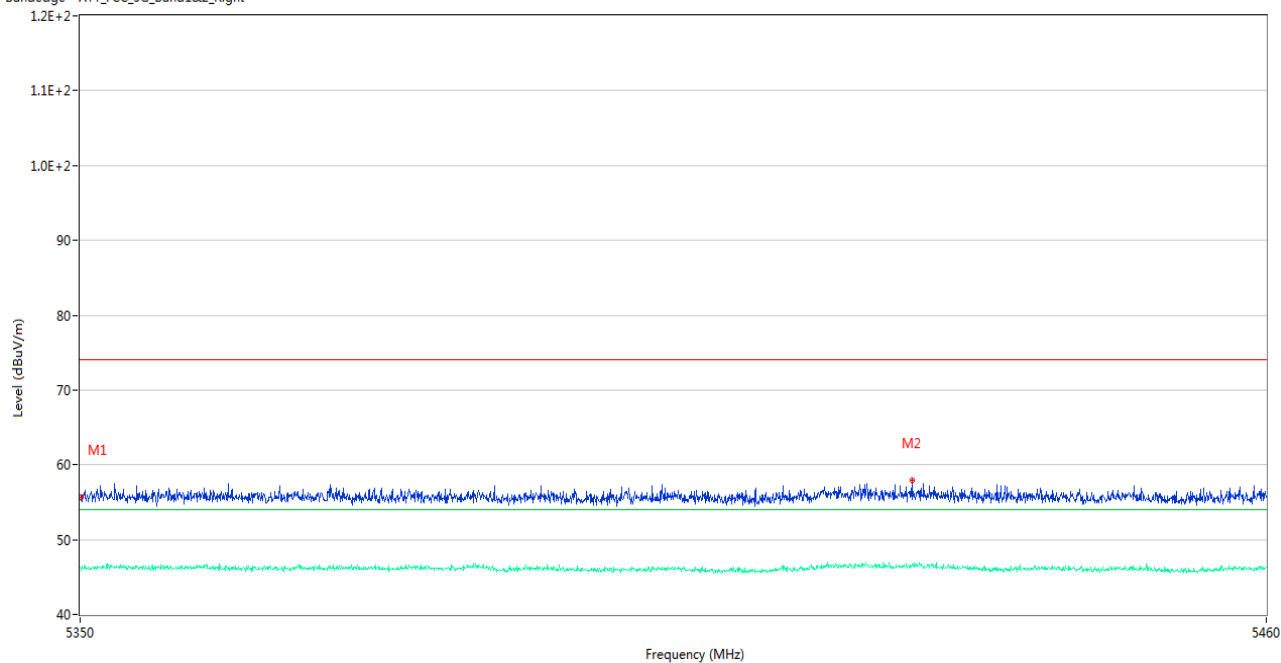
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.200	65.48	2.43	74.0	8.52	Peak	306.00	150	Vertical	Pass
1**	5142.200	53.45	2.43	54.0	0.55	AV	306.00	150	Vertical	Pass
2	5147.075	67.28	2.27	74.0	6.72	Peak	14.00	150	Vertical	Pass
2**	5147.075	52.22	2.27	54.0	1.78	AV	14.00	150	Vertical	Pass
3	5149.675	64.67	2.07	74.0	9.33	Peak	229.00	200	Vertical	Pass
3**	5149.675	52.52	2.07	54.0	1.48	AV	229.00	200	Vertical	Pass

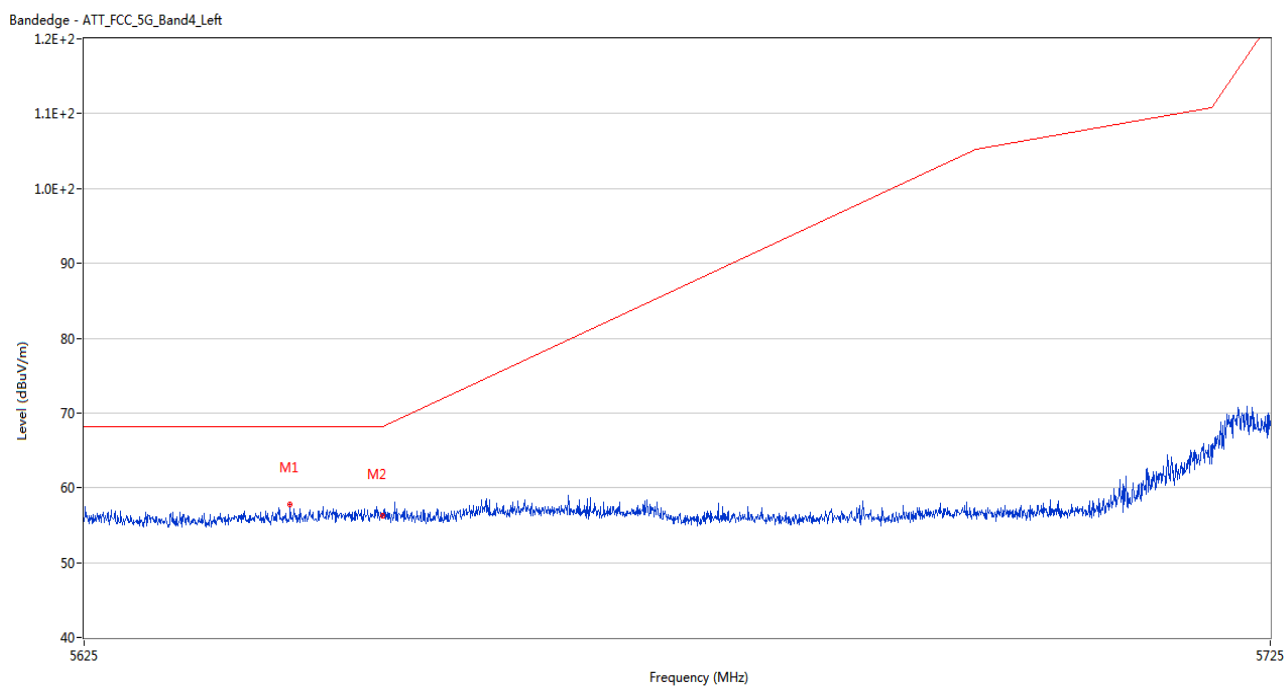
U-NII-1 11ac80 Middle Channel

Bandedge - ATT_FCC_5G_Band1&2_Right



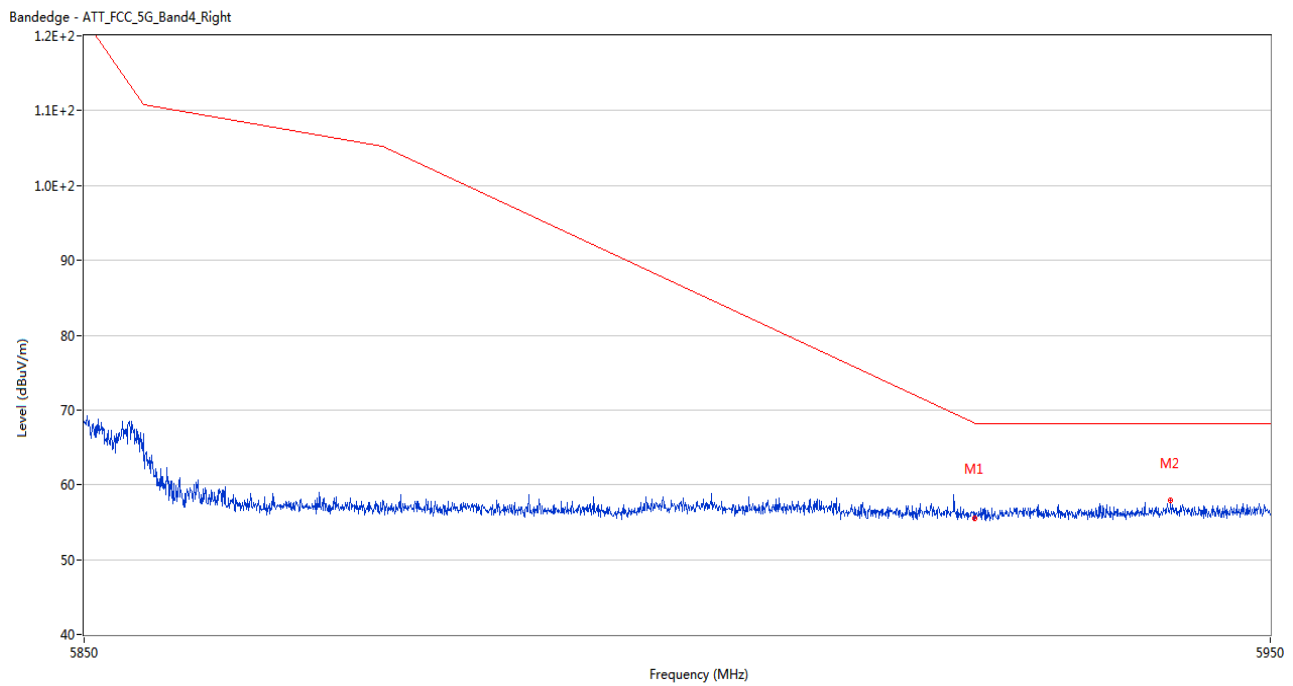
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.72	1.93	74.0	18.28	Peak	233.00	100	Vertical	Pass
1**	5350.055	46.22	1.93	54.0	7.78	AV	233.00	100	Vertical	Pass
2	5426.890	57.94	2.49	74.0	16.06	Peak	125.00	200	Vertical	Pass
2**	5426.890	46.68	2.49	54.0	7.32	AV	125.00	200	Vertical	Pass

U-NII-3 11a Low Channel



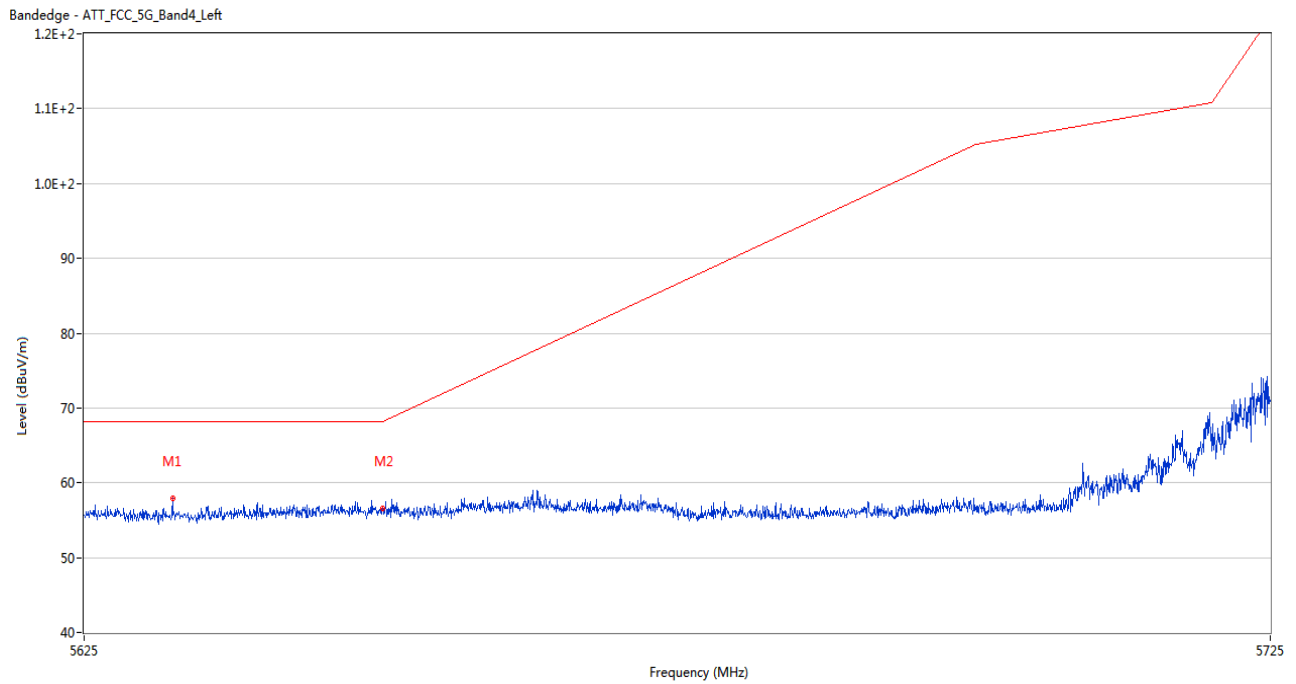
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.250	57.76	2.31	68.2	10.44	Peak	26.00	100	Vertical	Pass
2	5650.000	56.33	2.54	68.2	11.87	Peak	52.00	100	Vertical	Pass

U-NII-3 11a High Channel



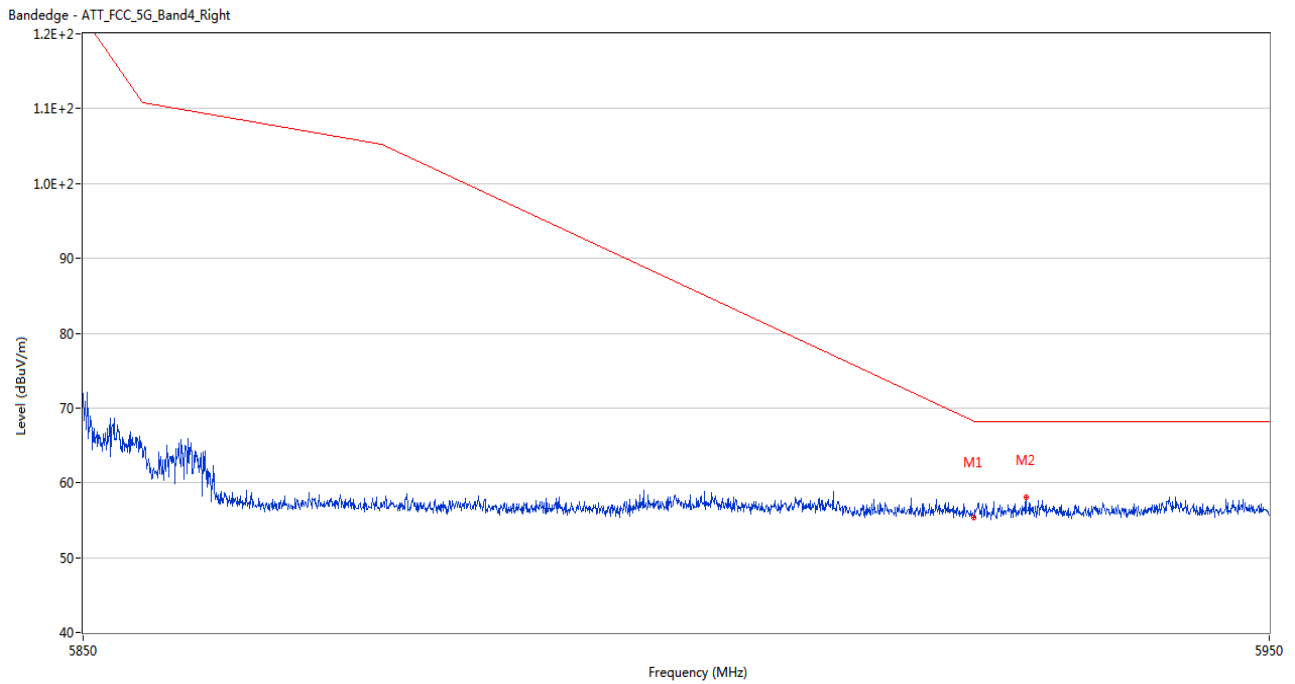
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.58	2.32	68.2	12.62	Peak	358.00	100	Vertical	Pass
2	5941.550	57.92	2.89	68.2	10.28	Peak	326.00	150	Vertical	Pass

U-NII-3 11n20 Low Channel



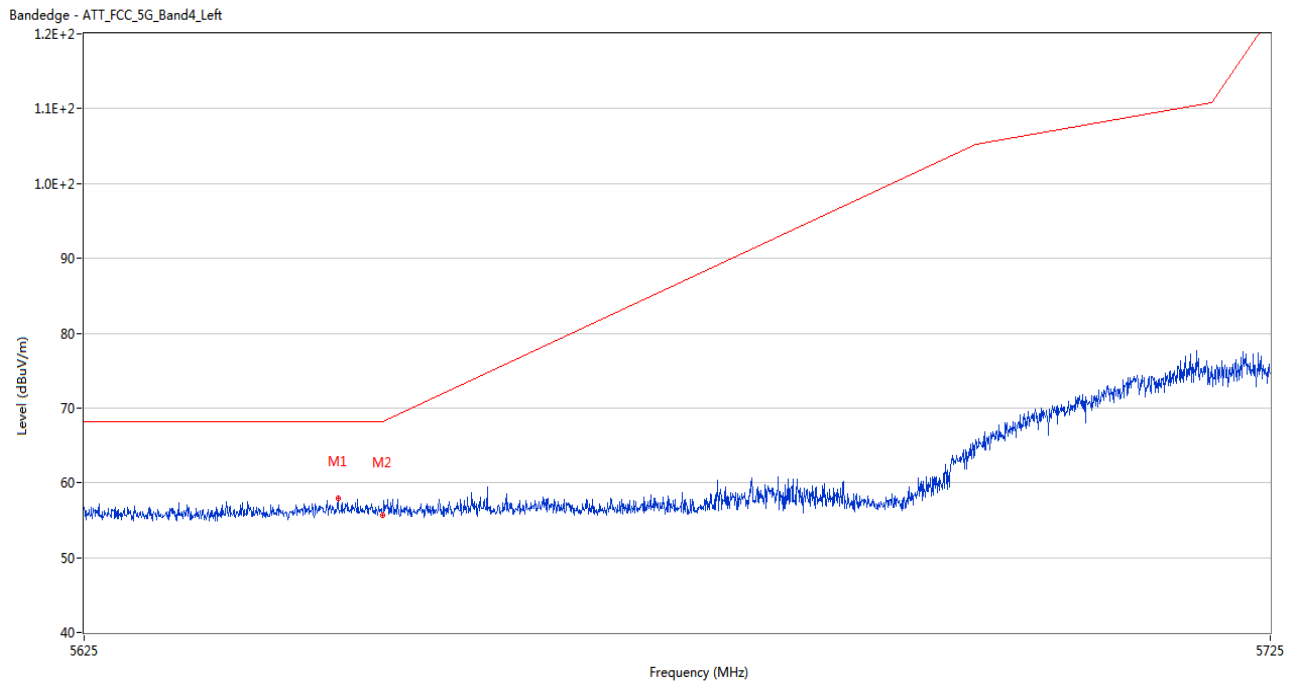
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.400	57.94	2.09	68.2	10.26	Peak	13.00	150	Vertical	Pass
2	5650.000	56.51	2.54	68.2	11.69	Peak	267.00	200	Vertical	Pass

U-NII-3 11n20 High Channel



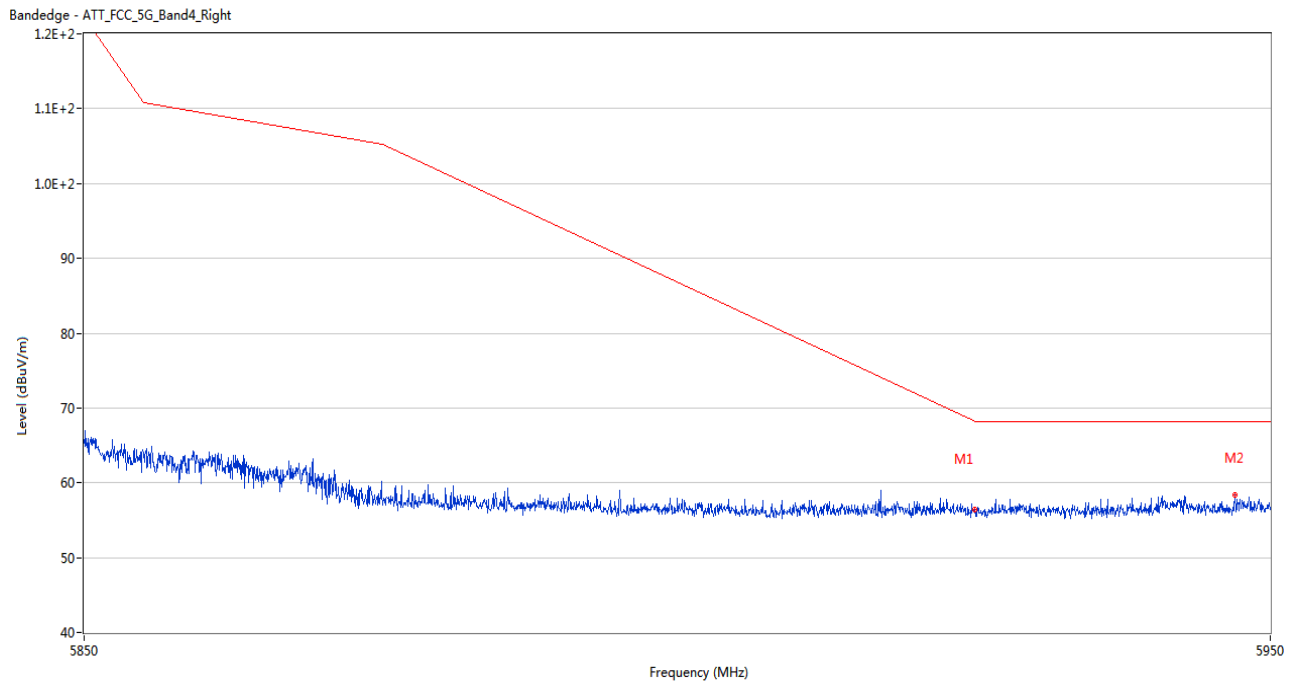
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.30	2.32	68.2	12.90	Peak	338.00	150	Vertical	Pass
2	5929.350	58.08	2.66	68.2	10.12	Peak	0.00	200	Vertical	Pass

U-NII-3 11n40 Low Channel



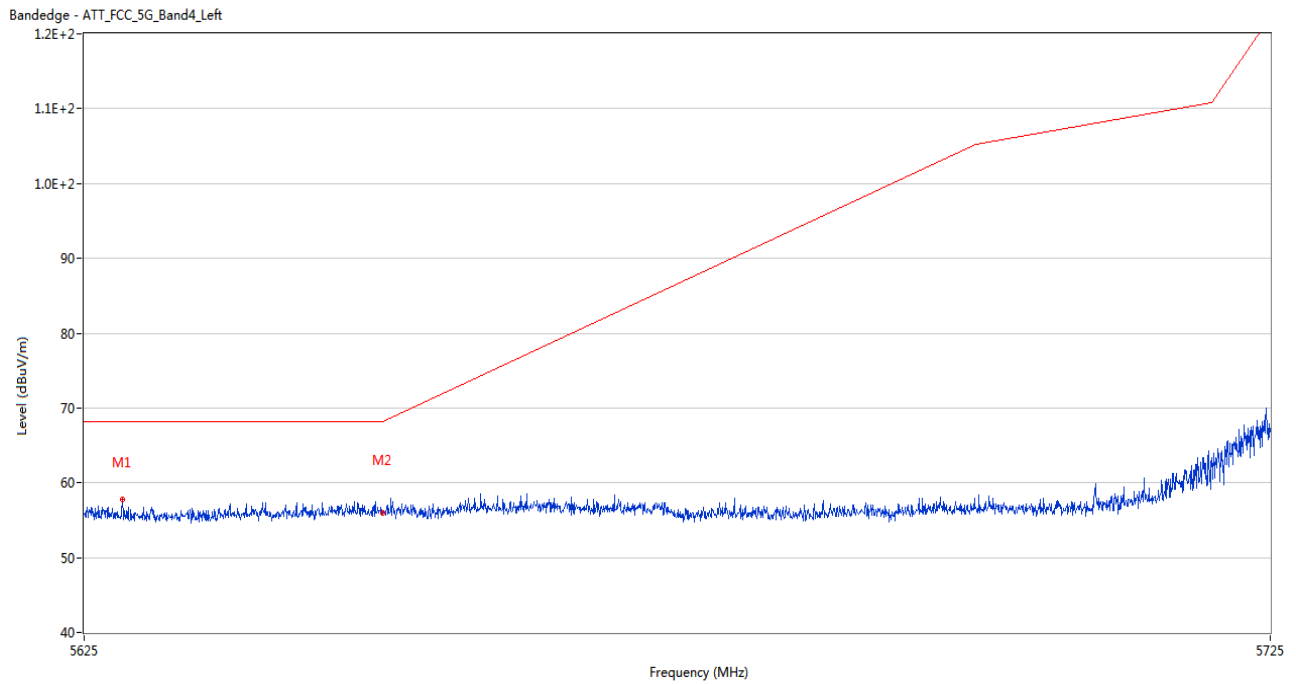
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.250	57.97	2.72	68.2	10.23	Peak	0.00	200	Vertical	Pass
2	5650.000	55.61	2.54	68.2	12.59	Peak	239.00	100	Vertical	Pass

U-NII-3 11n40 High Channel



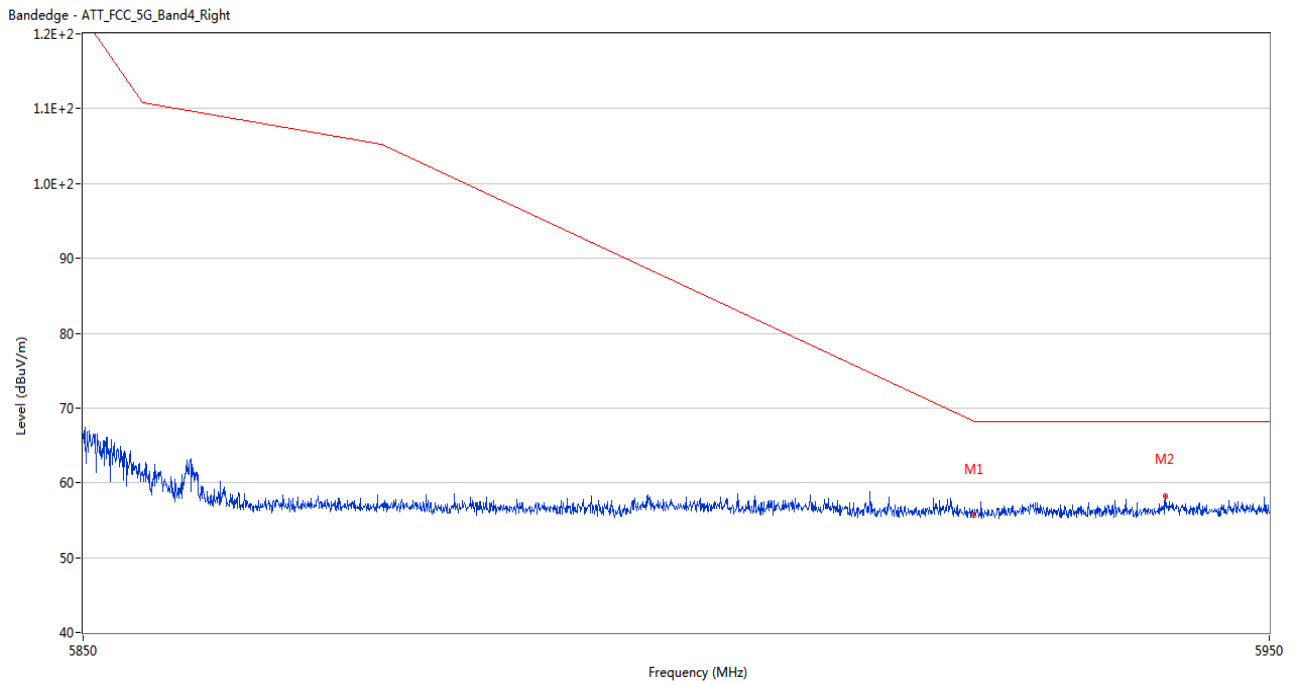
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.47	2.32	68.2	11.73	Peak	221.00	200	Vertical	Pass
2	5947.000	58.37	2.51	68.2	9.83	Peak	221.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



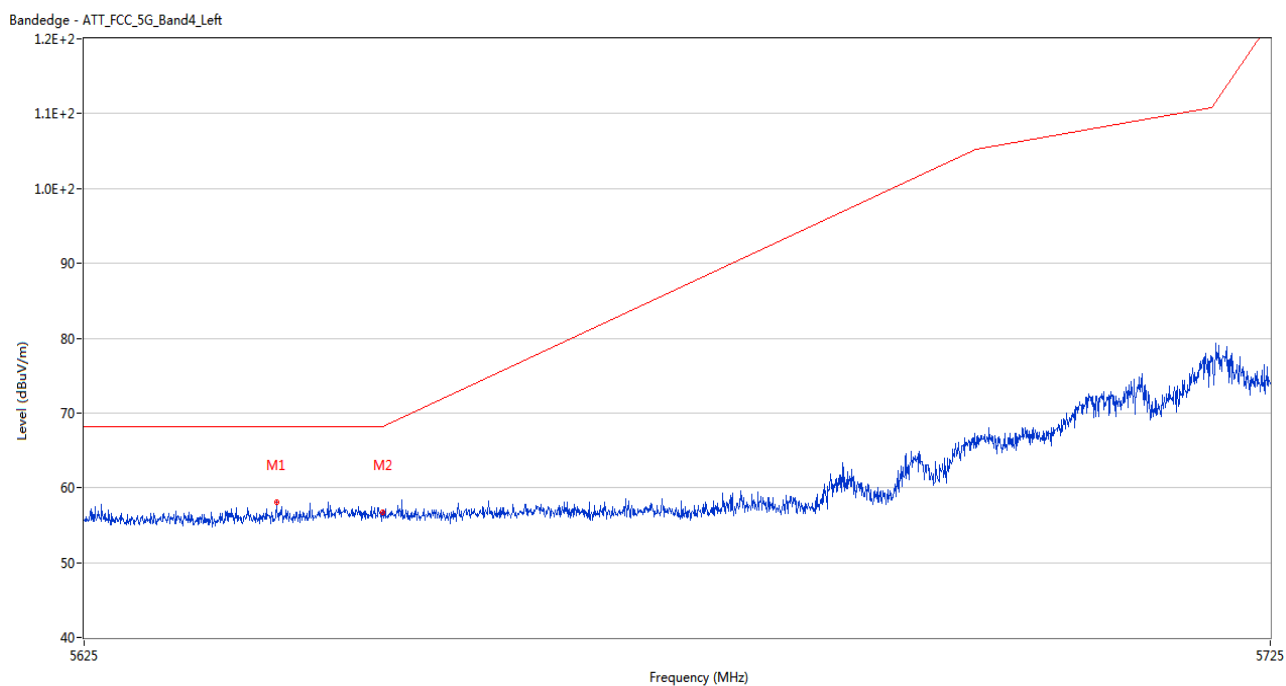
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5628.200	57.72	2.17	68.2	10.48	Peak	155.00	100	Vertical	Pass
2	5650.000	55.97	2.54	68.2	12.23	Peak	265.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel



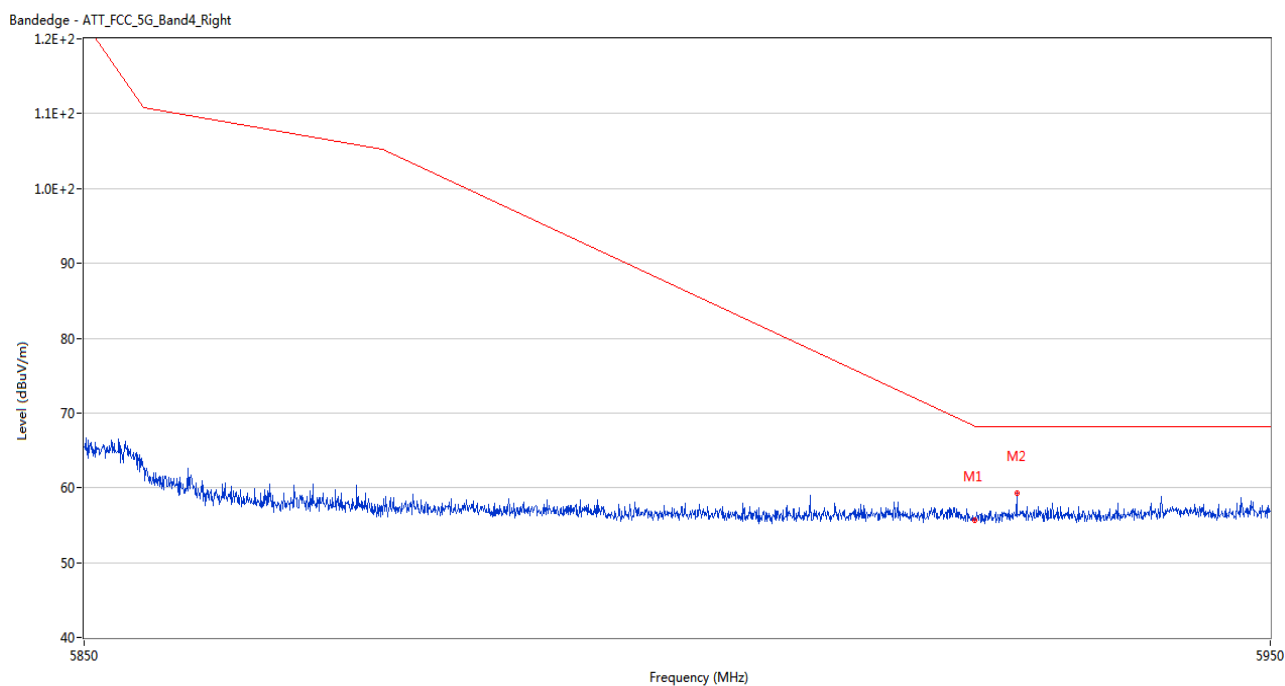
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.72	2.32	68.2	12.48	Peak	284.00	200	Vertical	Pass
2	5941.150	58.21	2.78	68.2	9.99	Peak	165.00	200	Vertical	Pass

U-NII-3 11ac40 Low Channel



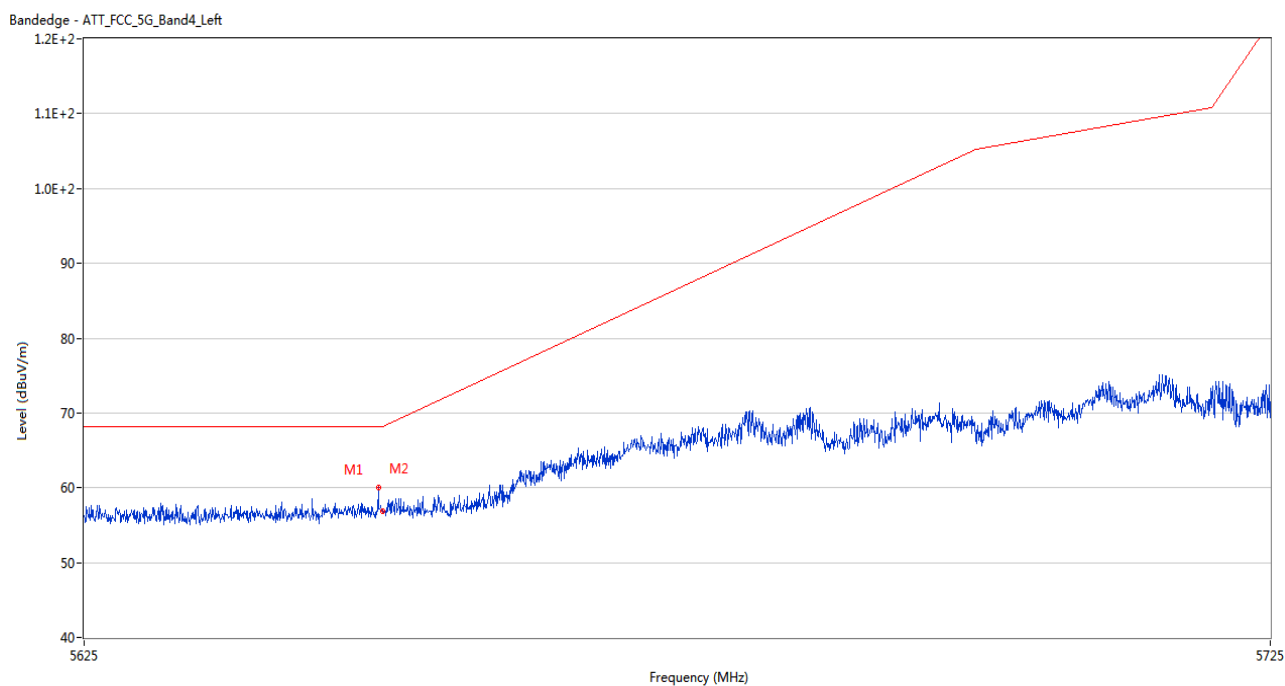
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.100	58.07	2.31	68.2	10.13	Peak	358.00	150	Vertical	Pass
2	5650.000	56.72	2.54	68.2	11.48	Peak	0.00	150	Vertical	Pass

U-NII-3 11ac40 High Channel



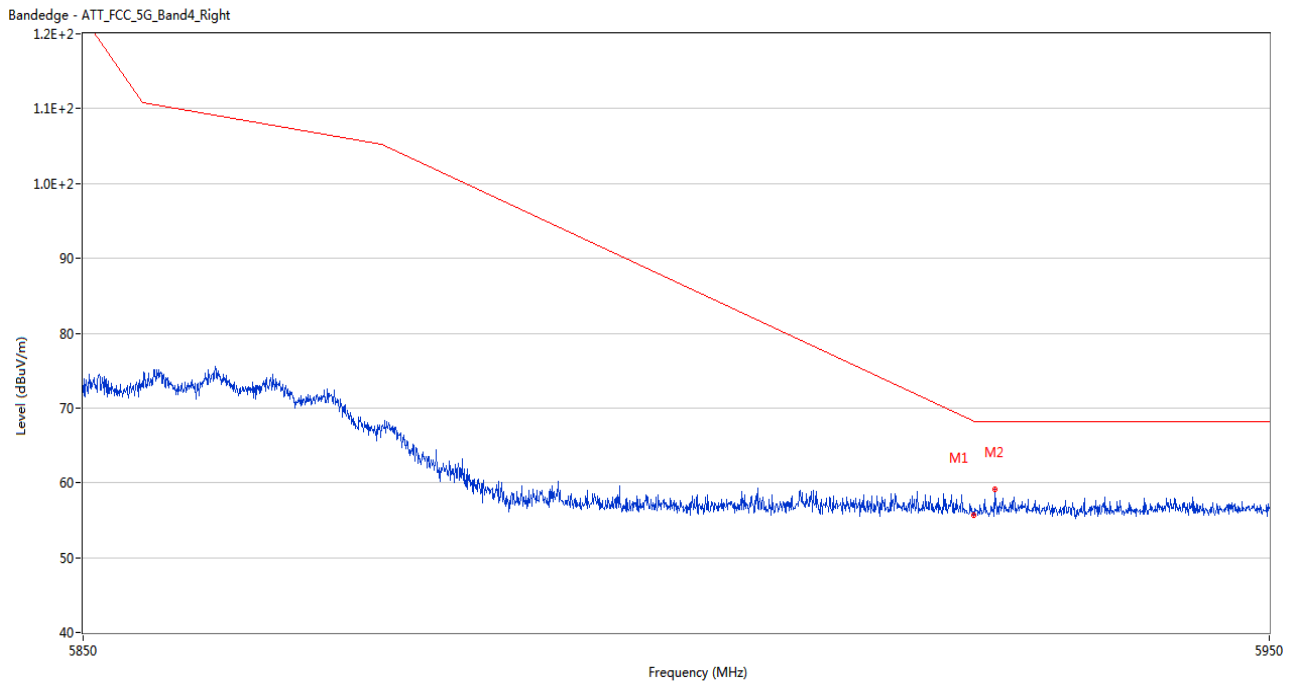
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.65	2.32	68.2	12.55	Peak	53.00	200	Vertical	Pass
2	5928.500	59.23	2.65	68.2	8.97	Peak	72.00	200	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.650	60.06	2.53	68.2	8.14	Peak	34.00	200	Vertical	Pass
2	5650.000	56.90	2.54	68.2	11.30	Peak	130.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.65	2.32	68.2	12.55	Peak	303.00	200	Vertical	Pass
2	5926.700	59.07	2.33	68.2	9.13	Peak	33.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2470113-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2470113-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2470113-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--