A.6.2 Band Edge (Restricted-band)

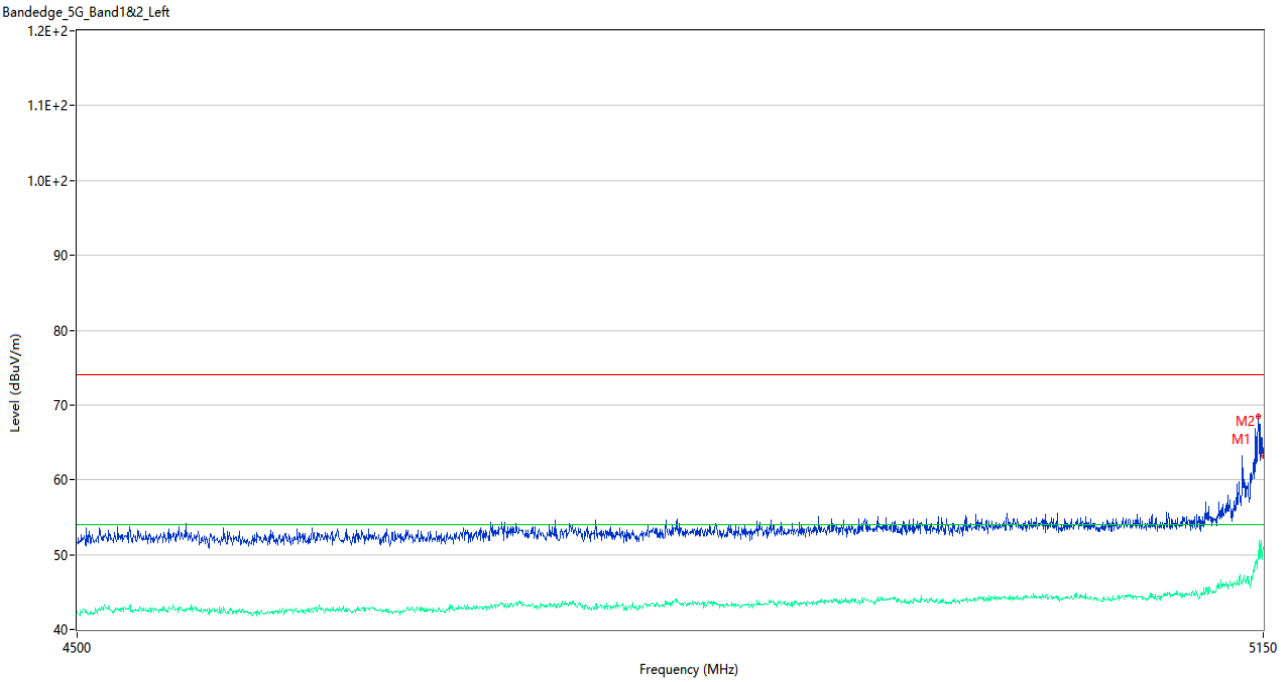
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass
	802.11ax(HE20) (RU26)	Low	Pass
		High	Pass
	802.11ax(HE40) (RU26)	Low	Pass
		High	Pass
	802.11ax(HE80) (RU26)	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
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass
	802.11ax(HE20) (RU26)	Low	Pass
		High	Pass
	802.11ax(HE40) (RU26)	Low	Pass

		High	Pass
	802.11ax(HE80) (RU26)	Middle	Pass
U-NII-5	802.11ax(HE20) (SU)	Low	Pass
	802.11ax(HE40) (SU)	Low	Pass
	802.11ax(HE80) (SU)	Low	Pass
	802.11ax(HE20) (RU26)	Low	Pass
	802.11ax(HE40) (RU26)	Low	Pass
	802.11ax(HE80) (RU26)	Low	Pass
U-NII-6	802.11ax(HE20) (SU)	High	Pass
	802.11ax(HE40) (SU)	High	Pass
	802.11ax(HE80) (SU)	Middle	Pass
	802.11ax(HE20) (RU26)	High	Pass
	802.11ax(HE40) (RU26)	High	Pass
	802.11ax(HE80) (RU26)	Middle	Pass

SISO-Antenna 1

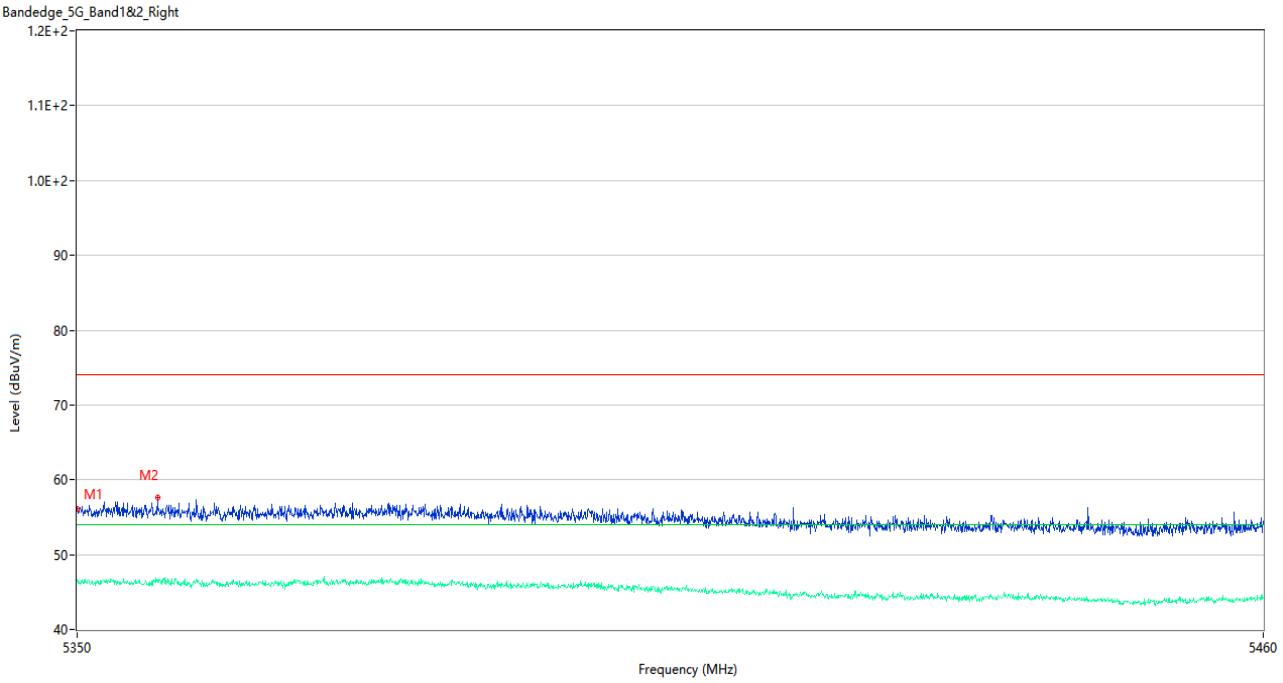
Test Data and Plots

U-NII-1 11a Low Channel



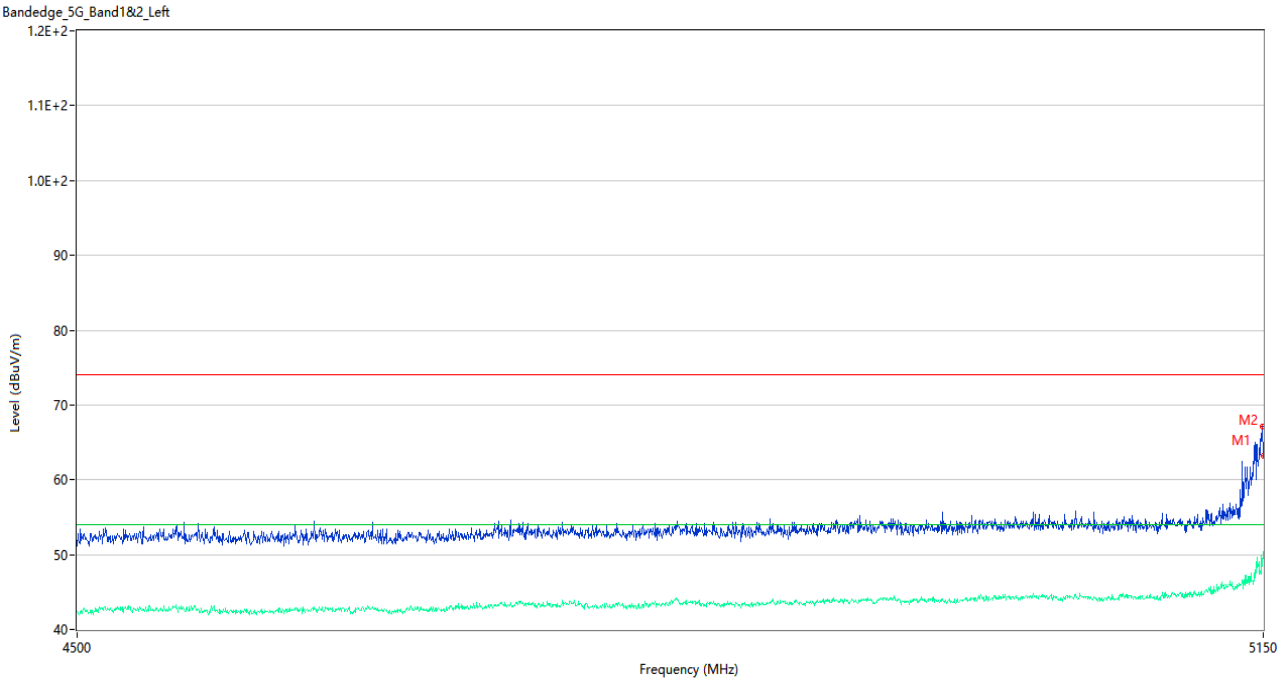
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	68.47	3.00	74.0	5.53	Peak	185.00	200	Horizontal	Pass
1**	5147.075	49.30	3.00	54.0	4.70	AV	185.00	200	Horizontal	Pass
2	5150.000	63.20	2.86	74.0	10.80	Peak	138.00	200	Horizontal	Pass
2**	5150.000	51.00	2.86	54.0	3.00	AV	138.00	200	Horizontal	Pass

U-NII-1 11a High Channel



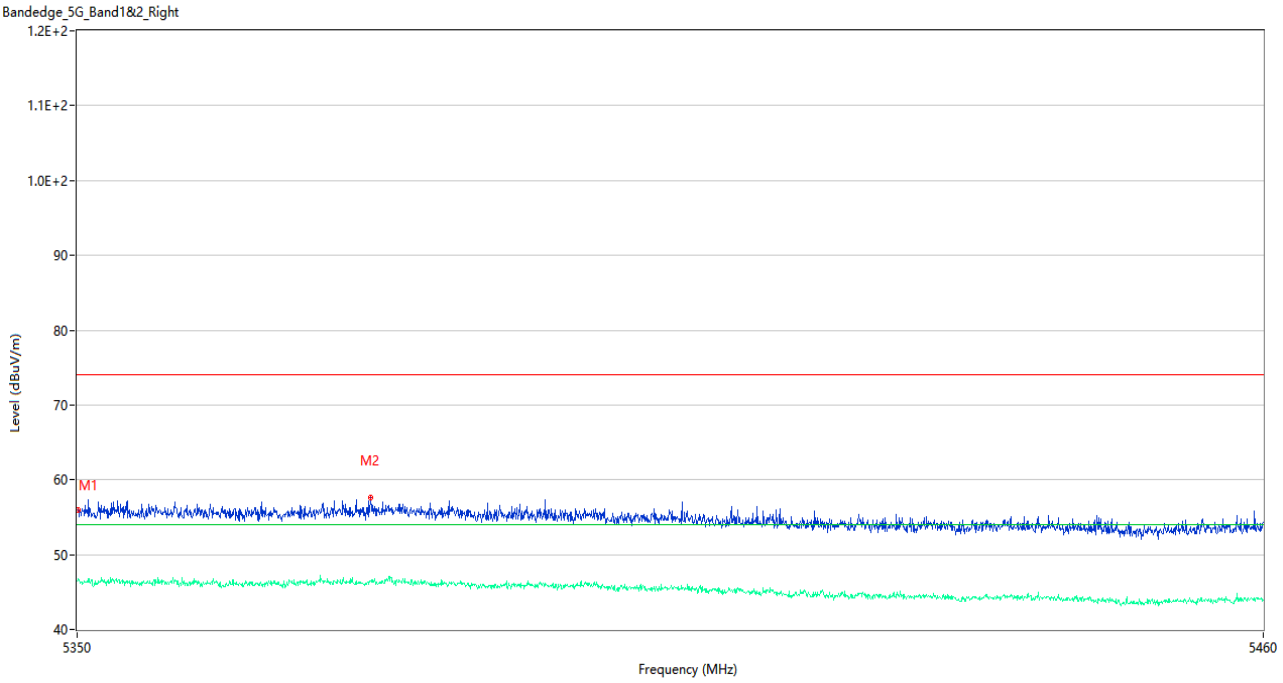
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.11	3.32	74.0	17.89	Peak	0.00	100	Horizontal	Pass
1**	5350.000	46.63	3.32	54.0	7.37	AV	0.00	100	Horizontal	Pass
2	5357.370	57.56	3.09	74.0	16.44	Peak	174.00	100	Horizontal	Pass
2**	5357.370	46.60	3.09	54.0	7.40	AV	174.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



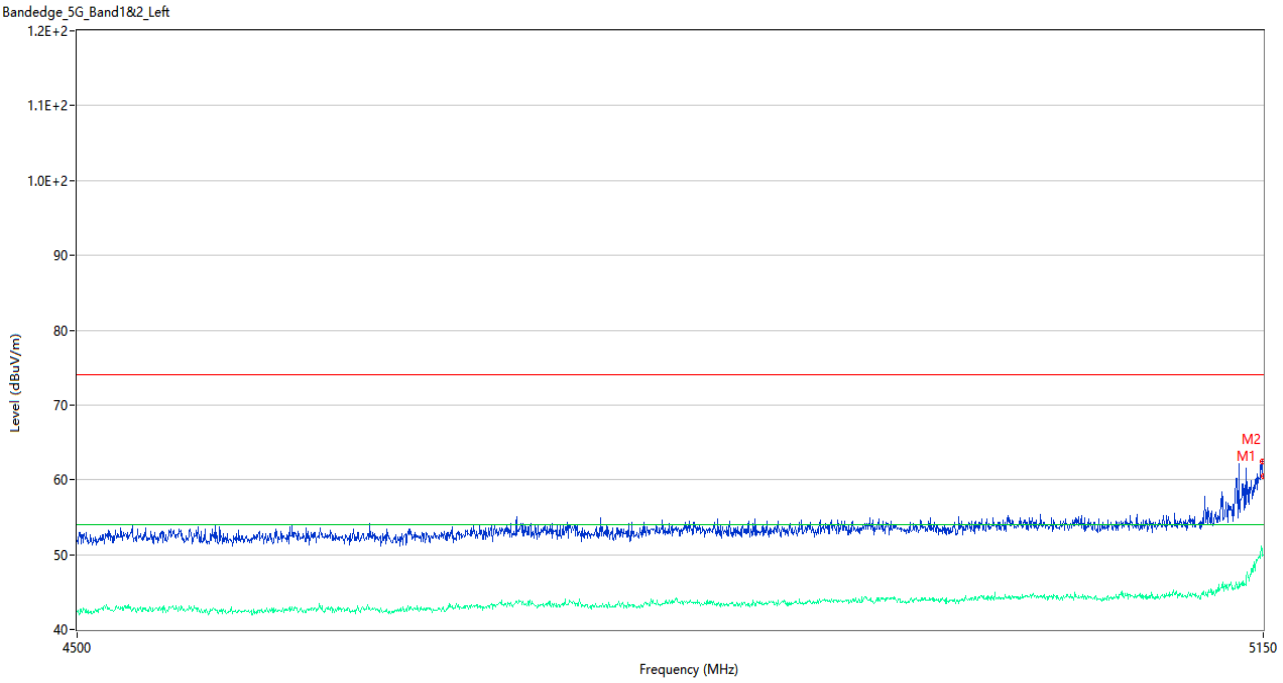
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	67.07	2.85	74.0	6.93	Peak	186.00	150	Horizontal	Pass
1**	5149.675	48.42	2.85	54.0	5.58	AV	186.00	150	Horizontal	Pass
2	5150.000	63.25	2.86	74.0	10.75	Peak	150.00	100	Horizontal	Pass
2**	5150.000	50.45	2.86	54.0	3.55	AV	150.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



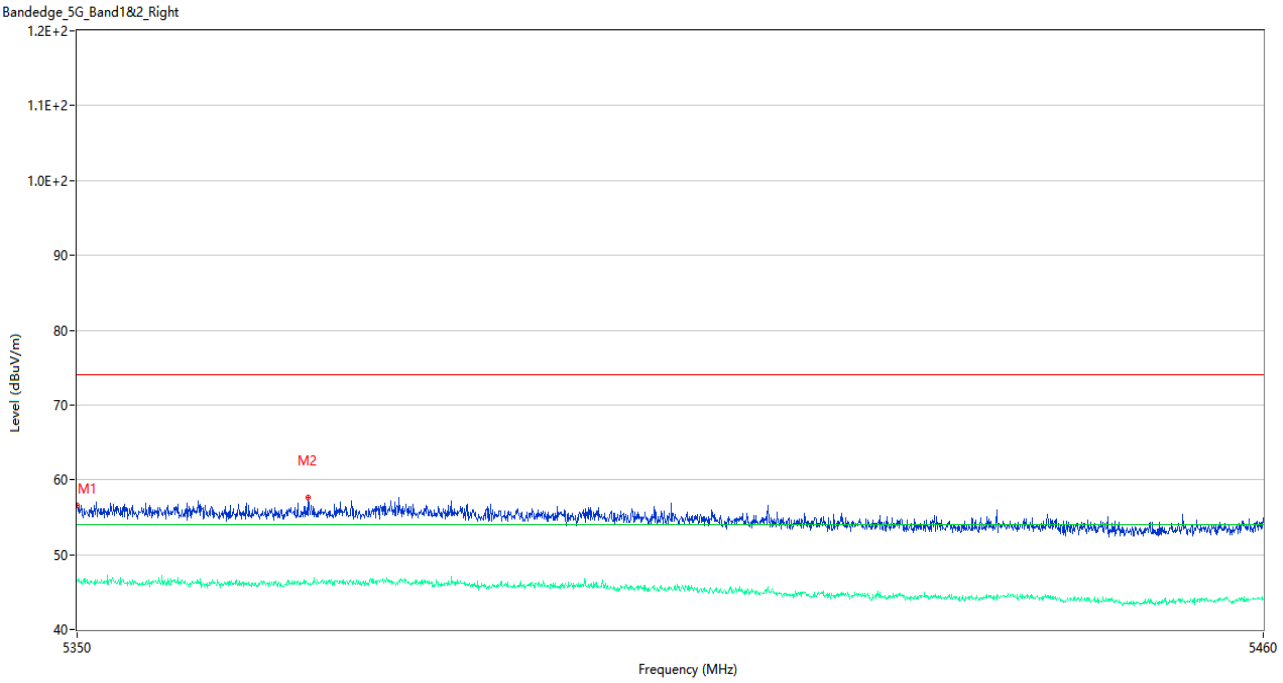
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.04	3.30	74.0	17.96	Peak	165.00	200	Horizontal	Pass
1**	5350.055	46.64	3.30	54.0	7.36	AV	165.00	200	Horizontal	Pass
2	5377.005	57.67	3.00	74.0	16.33	Peak	182.00	100	Horizontal	Pass
2**	5377.005	46.52	3.00	54.0	7.48	AV	182.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



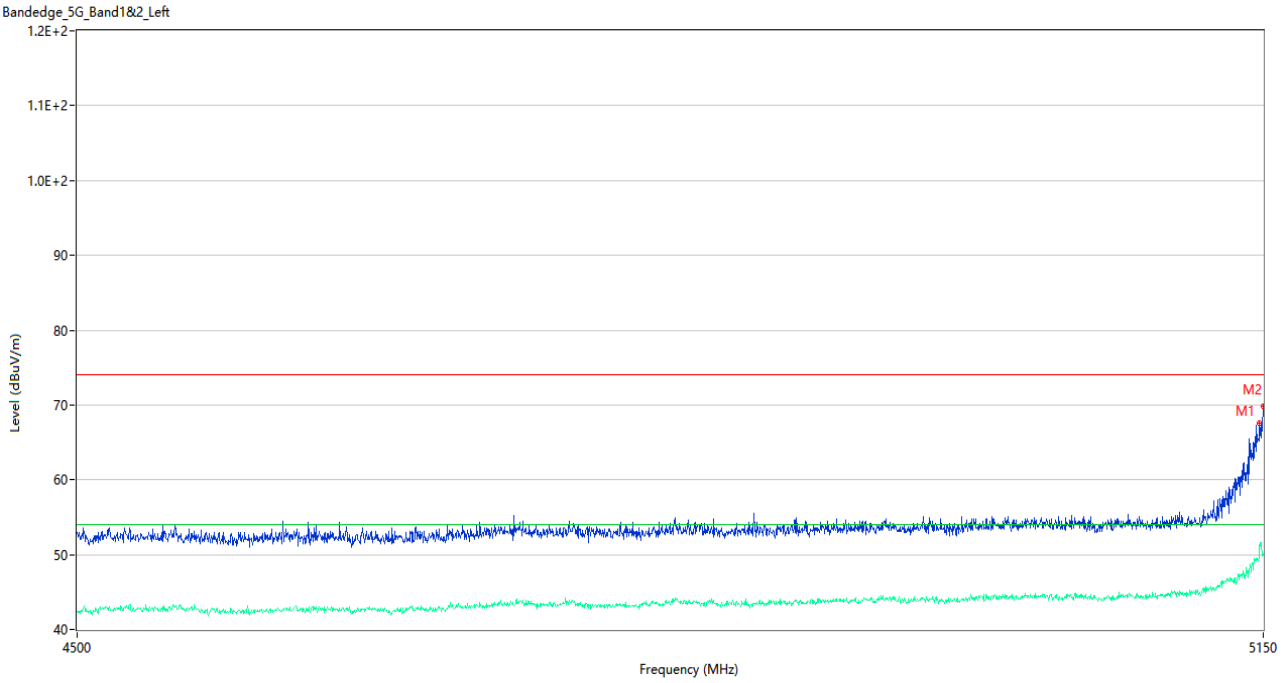
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	62.40	2.85	74.0	11.60	Peak	185.00	150	Horizontal	Pass
1**	5149.350	50.80	2.85	54.0	3.20	AV	185.00	150	Horizontal	Pass
2	5150.000	60.46	2.86	74.0	13.54	Peak	180.00	100	Horizontal	Pass
2**	5150.000	49.98	2.86	54.0	4.02	AV	180.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



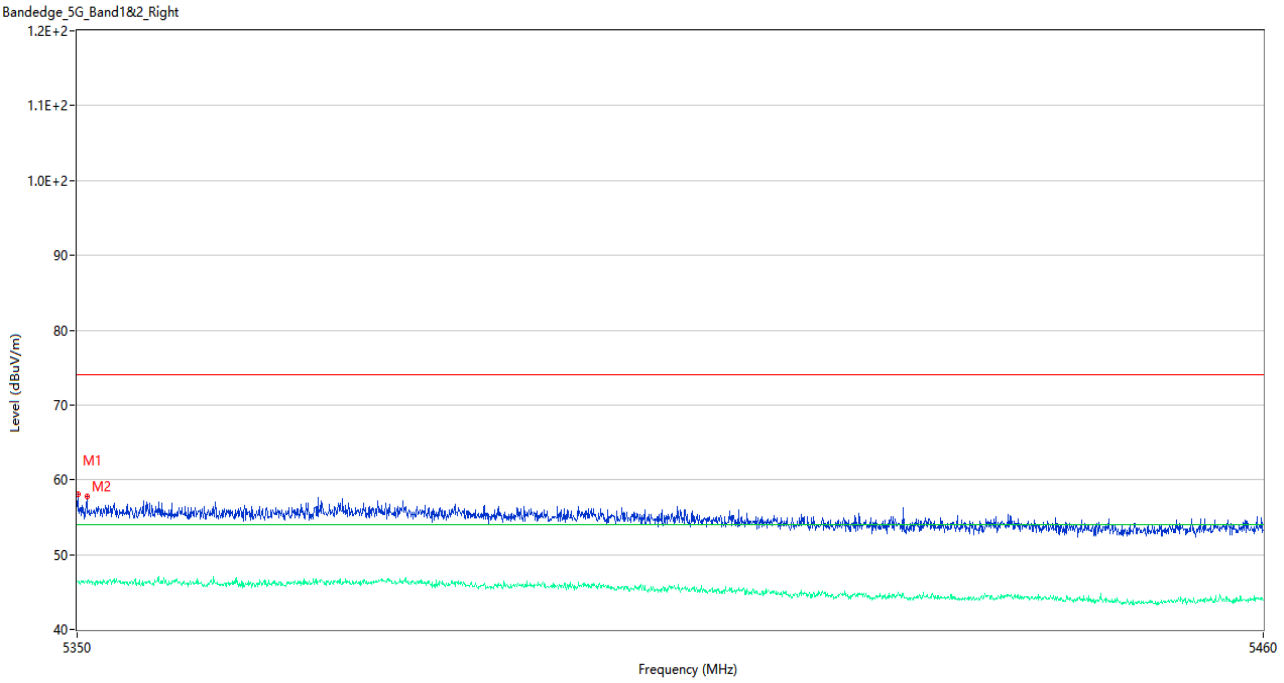
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.55	3.32	74.0	17.45	Peak	6.00	100	Horizontal	Pass
1**	5350.000	46.52	3.32	54.0	7.48	AV	6.00	100	Horizontal	Pass
2	5371.285	57.67	2.70	74.0	16.33	Peak	210.00	100	Horizontal	Pass
2**	5371.285	46.10	2.70	54.0	7.90	AV	210.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



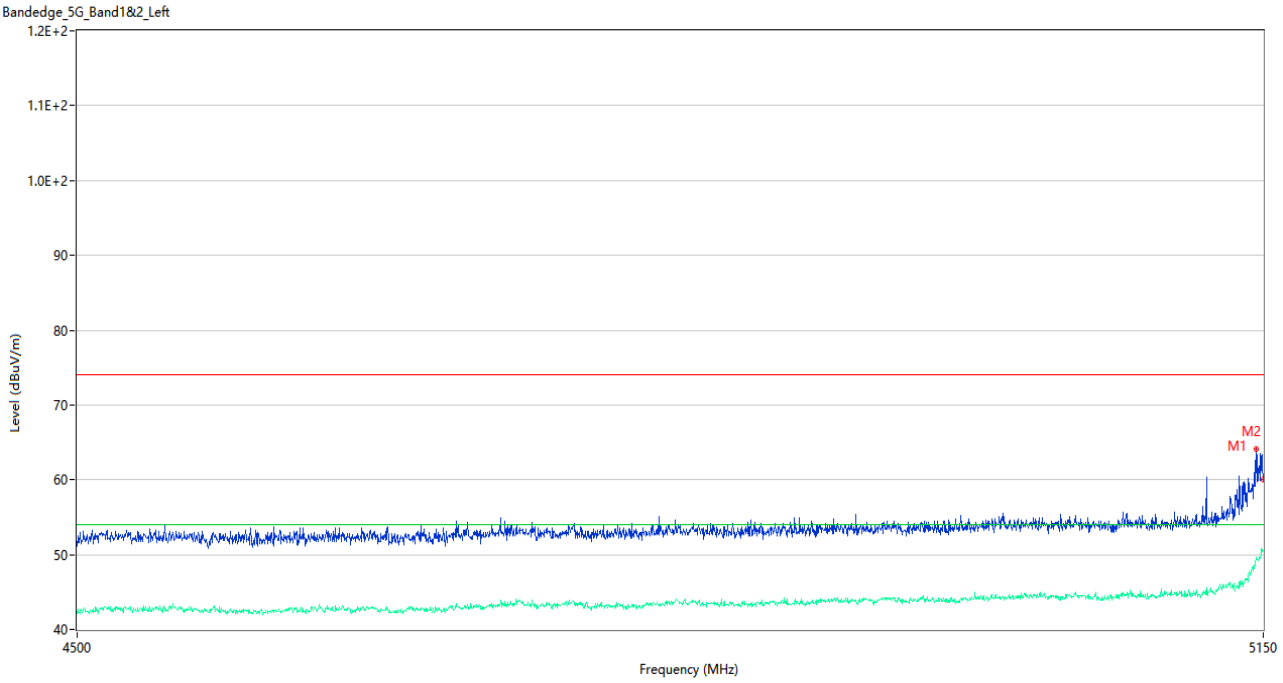
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	67.58	2.97	74.0	6.42	Peak	182.00	200	Horizontal	Pass
1**	5147.725	50.97	2.97	54.0	3.03	AV	182.00	200	Horizontal	Pass
2	5150.000	69.77	2.86	74.0	4.23	Peak	178.00	150	Horizontal	Pass
2**	5150.000	50.00	2.86	54.0	4.00	AV	178.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



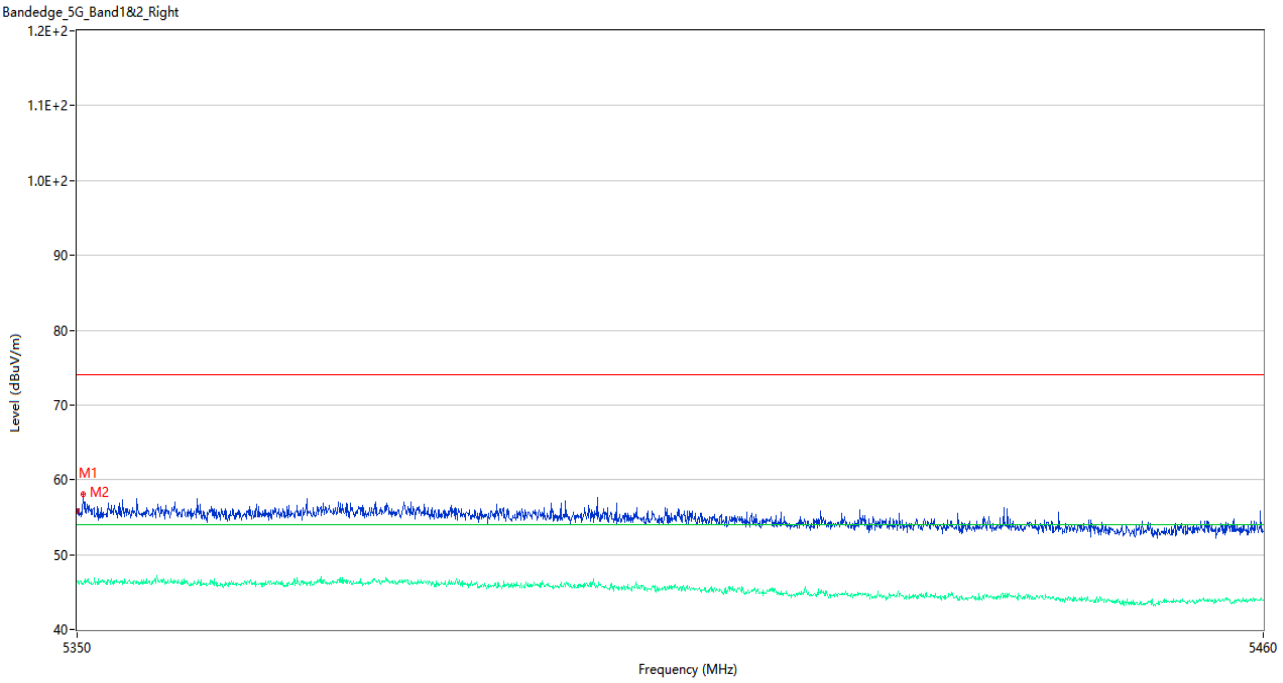
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.11	3.30	74.0	15.89	Peak	180.00	100	Horizontal	Pass
1**	5350.055	46.33	3.30	54.0	7.67	AV	180.00	100	Horizontal	Pass
2	5350.880	57.78	3.25	74.0	16.22	Peak	234.00	200	Horizontal	Pass
2**	5350.880	46.41	3.25	54.0	7.59	AV	234.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



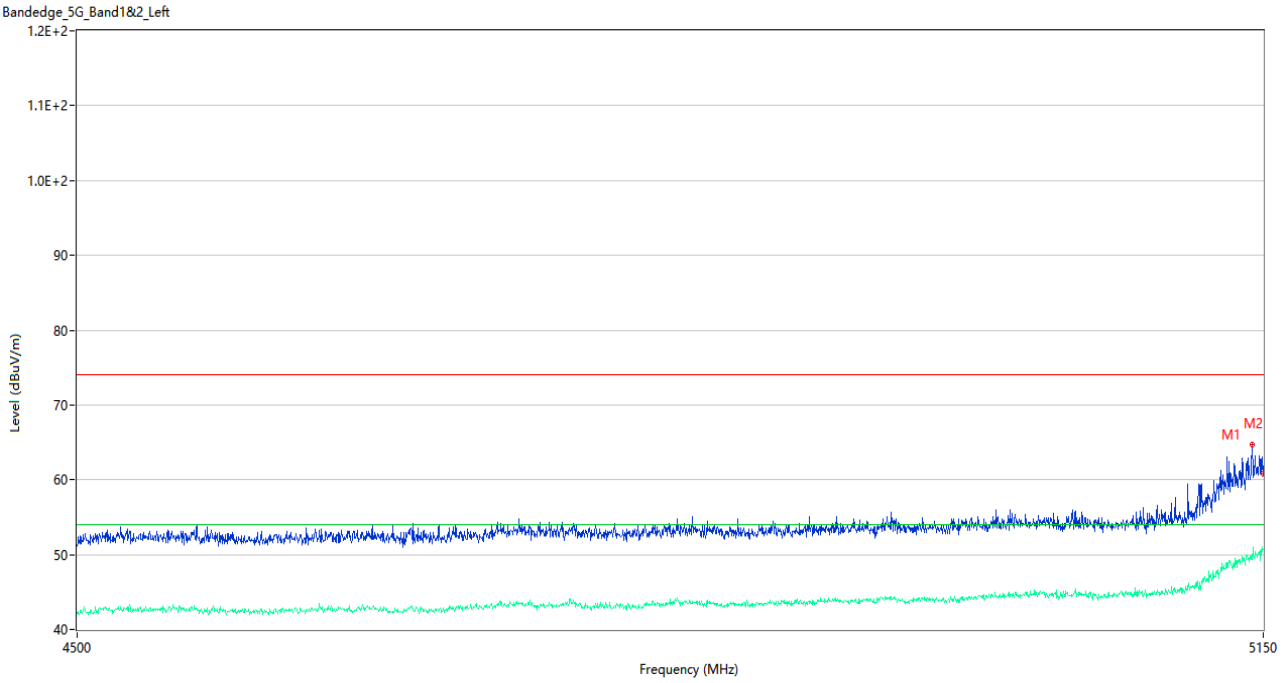
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	64.04	2.95	74.0	9.96	Peak	186.00	100	Horizontal	Pass
1**	5145.775	49.39	2.95	54.0	4.61	AV	186.00	100	Horizontal	Pass
2	5150.000	60.00	2.86	74.0	14.00	Peak	186.00	200	Horizontal	Pass
2**	5150.000	50.58	2.86	54.0	3.42	AV	186.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



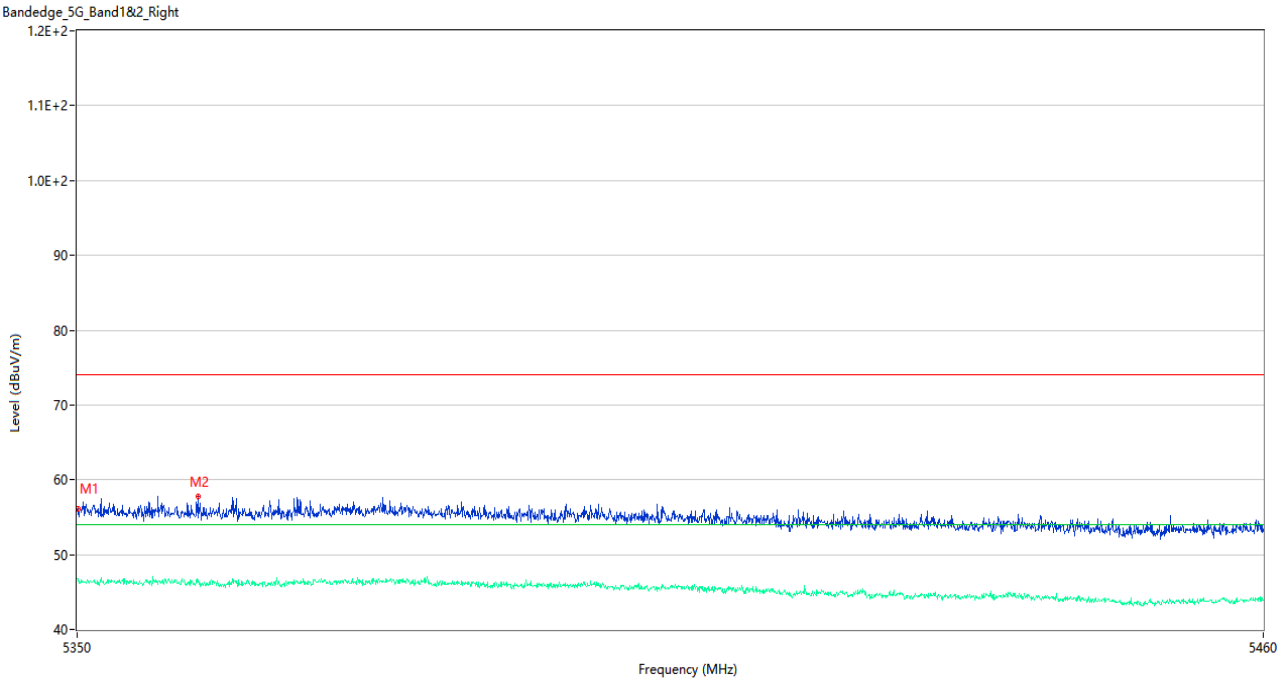
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.79	3.32	74.0	18.21	Peak	186.00	150	Horizontal	Pass
1**	5350.000	46.43	3.32	54.0	7.57	AV	186.00	150	Horizontal	Pass
2	5350.550	58.14	3.16	74.0	15.86	Peak	164.00	100	Horizontal	Pass
2**	5350.550	46.06	3.16	54.0	7.94	AV	164.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



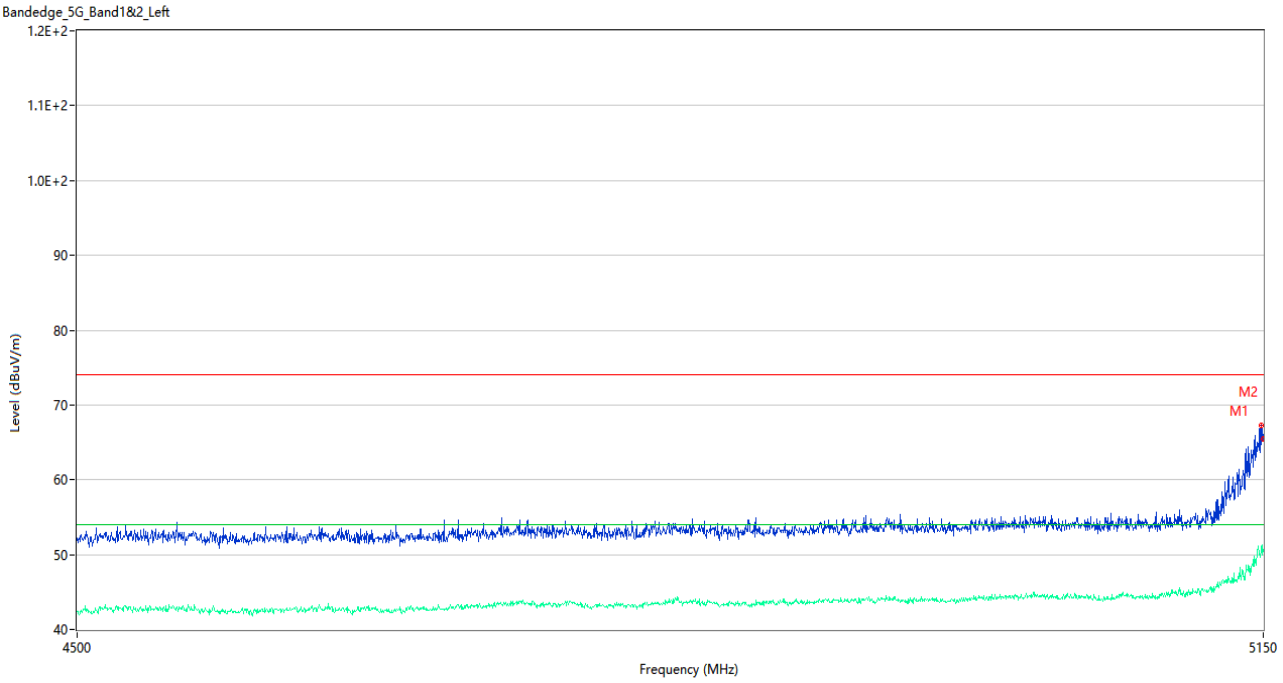
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.500	64.67	2.77	74.0	9.33	Peak	185.00	150	Horizontal	Pass
1**	5143.500	49.39	2.77	54.0	4.61	AV	185.00	150	Horizontal	Pass
2	5150.000	60.82	2.86	74.0	13.18	Peak	185.00	150	Horizontal	Pass
2**	5150.000	50.65	2.86	54.0	3.35	AV	185.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



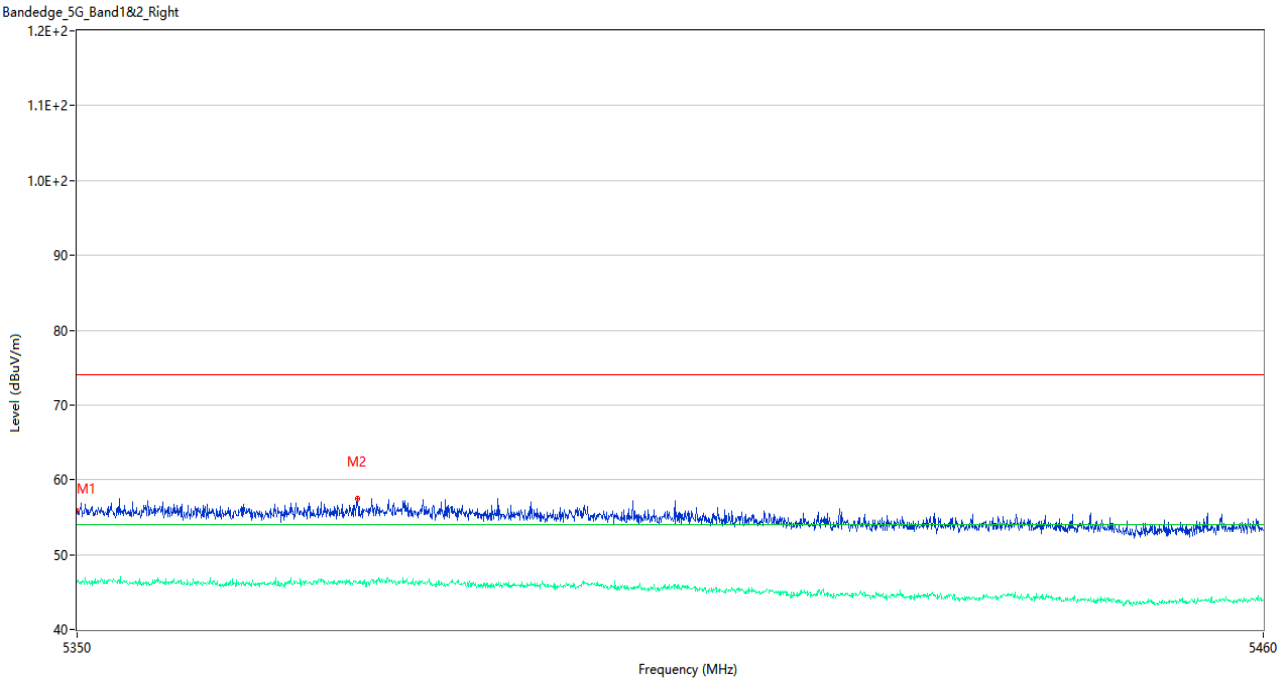
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.16	3.30	74.0	17.84	Peak	151.00	100	Horizontal	Pass
1**	5350.055	46.79	3.30	54.0	7.21	AV	151.00	100	Horizontal	Pass
2	5361.110	57.80	2.85	74.0	16.20	Peak	186.00	150	Horizontal	Pass
2**	5361.110	46.34	2.85	54.0	7.66	AV	186.00	150	Horizontal	Pass

U-NII-1 11ax20 (SU) Low Channel



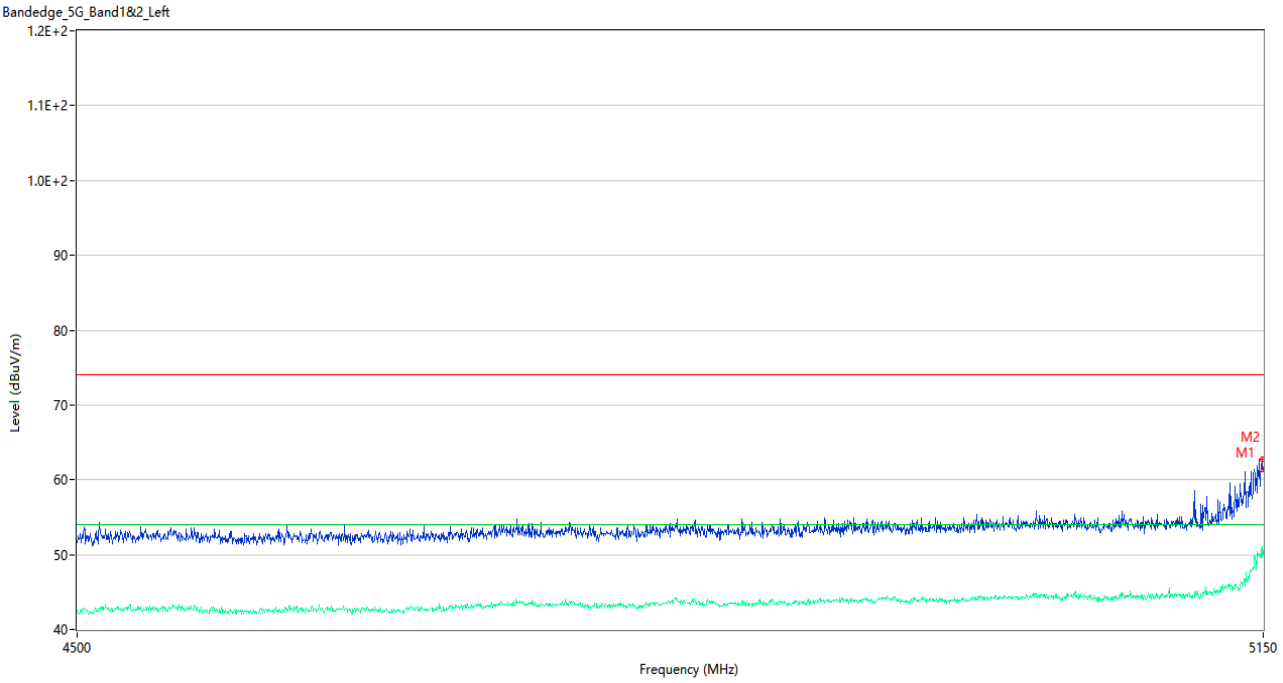
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	67.20	2.84	74.0	6.80	Peak	28.00	200	Horizontal	Pass
1**	5148.700	50.23	2.84	54.0	3.77	AV	28.00	200	Horizontal	Pass
2	5150.000	65.47	2.86	74.0	8.53	Peak	191.00	200	Horizontal	Pass
2**	5150.000	50.40	2.86	54.0	3.60	AV	191.00	200	Horizontal	Pass

U-NII-1 11ax20 (SU) High Channel



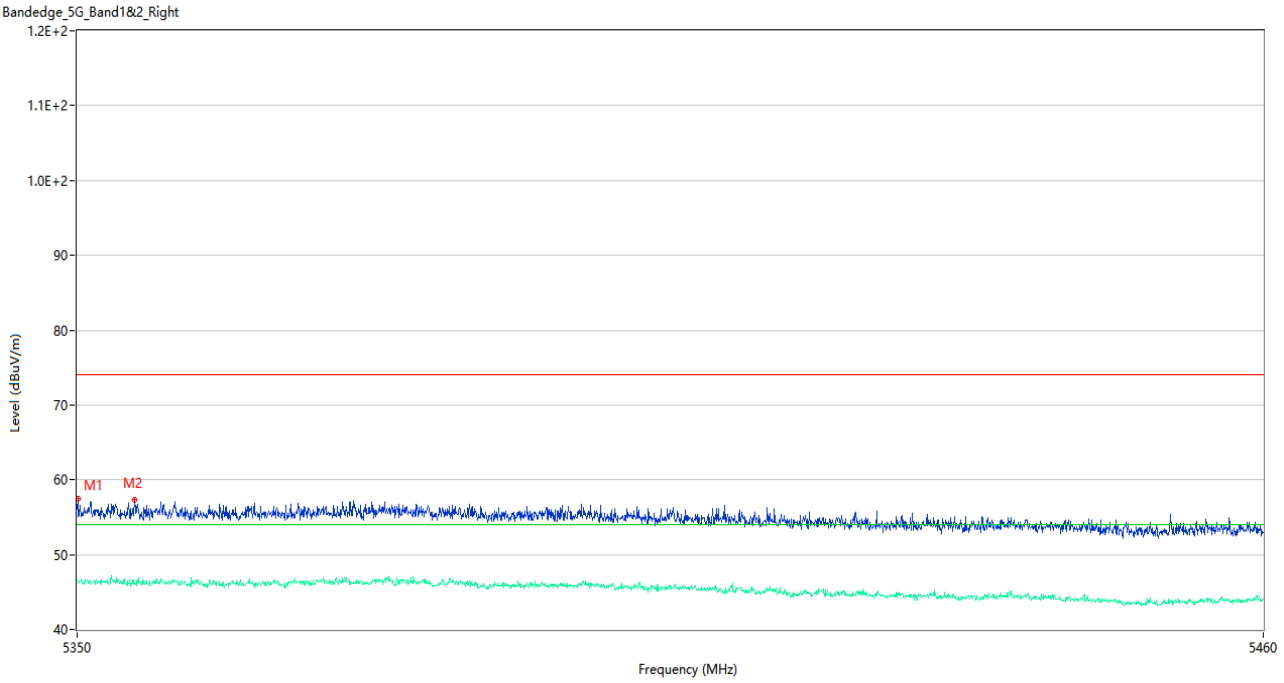
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.87	3.32	74.0	18.13	Peak	222.00	150	Horizontal	Pass
1**	5350.000	46.38	3.32	54.0	7.62	AV	222.00	150	Horizontal	Pass
2	5375.795	57.50	2.96	74.0	16.50	Peak	198.00	150	Horizontal	Pass
2**	5375.795	46.19	2.96	54.0	7.81	AV	198.00	150	Horizontal	Pass

U-NII-1 11ax40 (SU) Low Channel



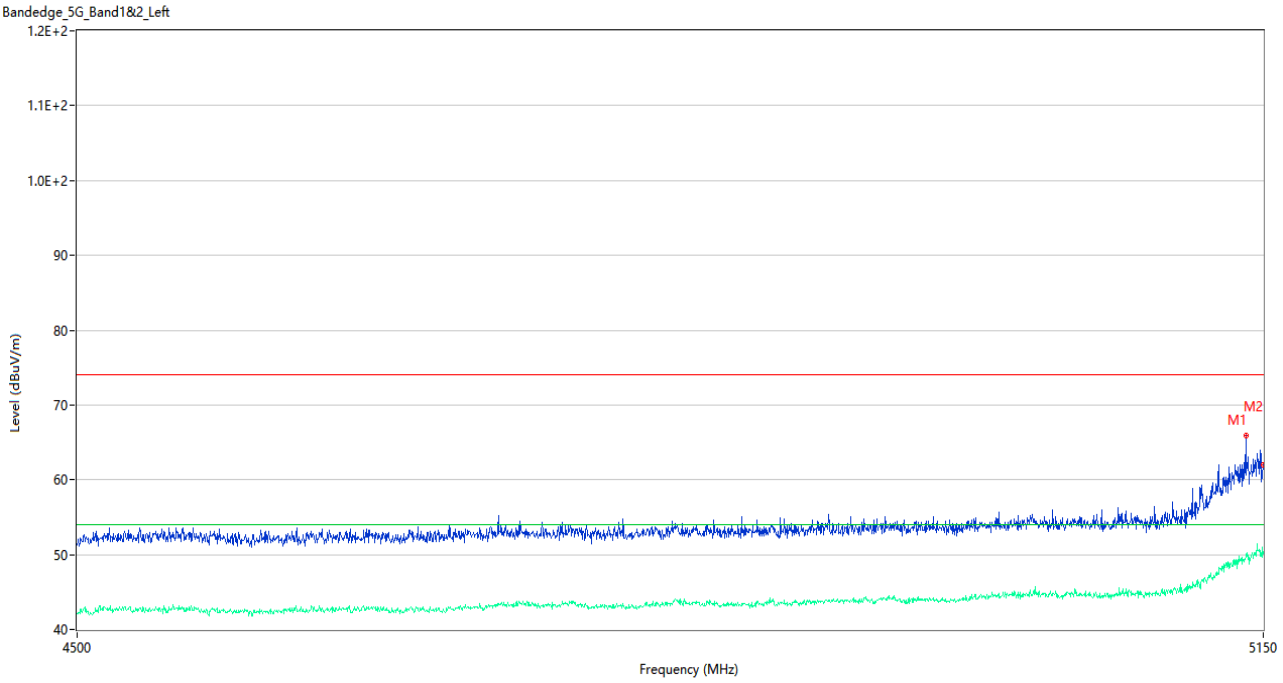
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	62.78	2.85	74.0	11.22	Peak	177.00	150	Horizontal	Pass
1**	5149.350	49.75	2.85	54.0	4.25	AV	177.00	150	Horizontal	Pass
2	5150.000	61.43	2.86	74.0	12.57	Peak	188.00	150	Horizontal	Pass
2**	5150.000	50.11	2.86	54.0	3.89	AV	188.00	150	Horizontal	Pass

U-NII-1 11ax40 (SU) High Channel



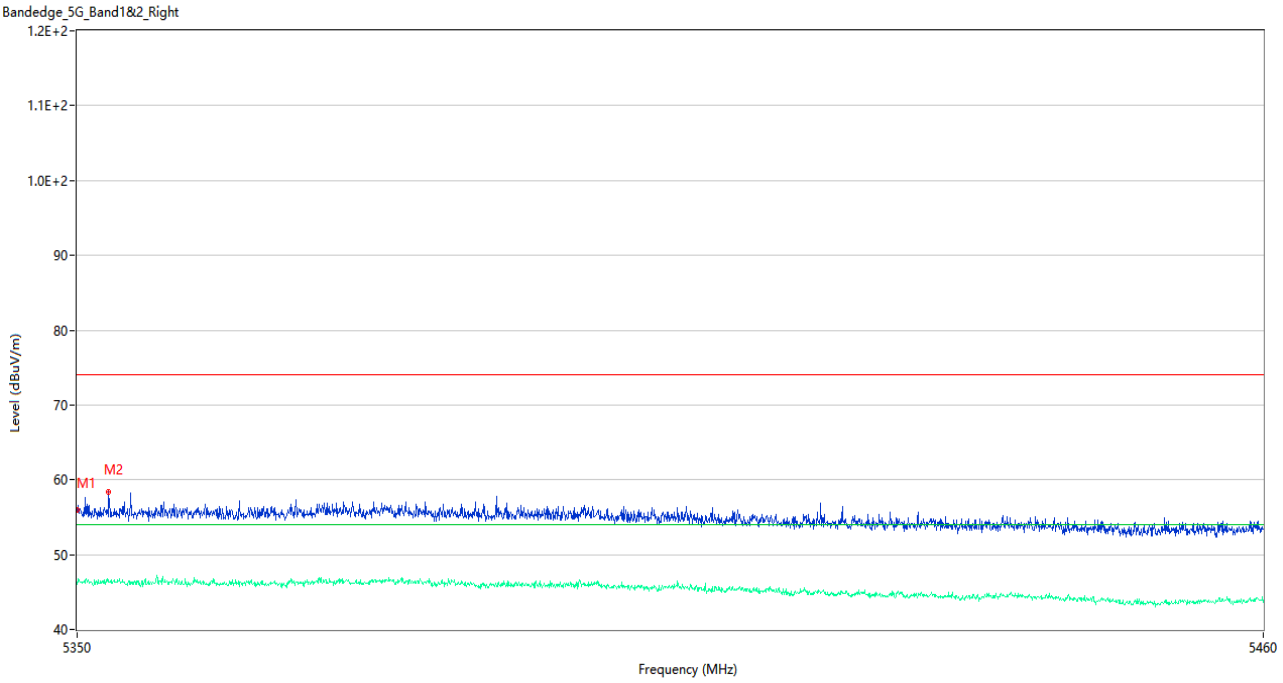
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.53	3.30	74.0	16.47	Peak	199.00	150	Horizontal	Pass
1**	5350.055	46.54	3.30	54.0	7.46	AV	199.00	150	Horizontal	Pass
2	5355.280	57.30	2.94	74.0	16.70	Peak	196.00	200	Horizontal	Pass
2**	5355.280	46.00	2.94	54.0	8.00	AV	196.00	200	Horizontal	Pass

U-NII-1 11ax80 (SU) Middle Channel



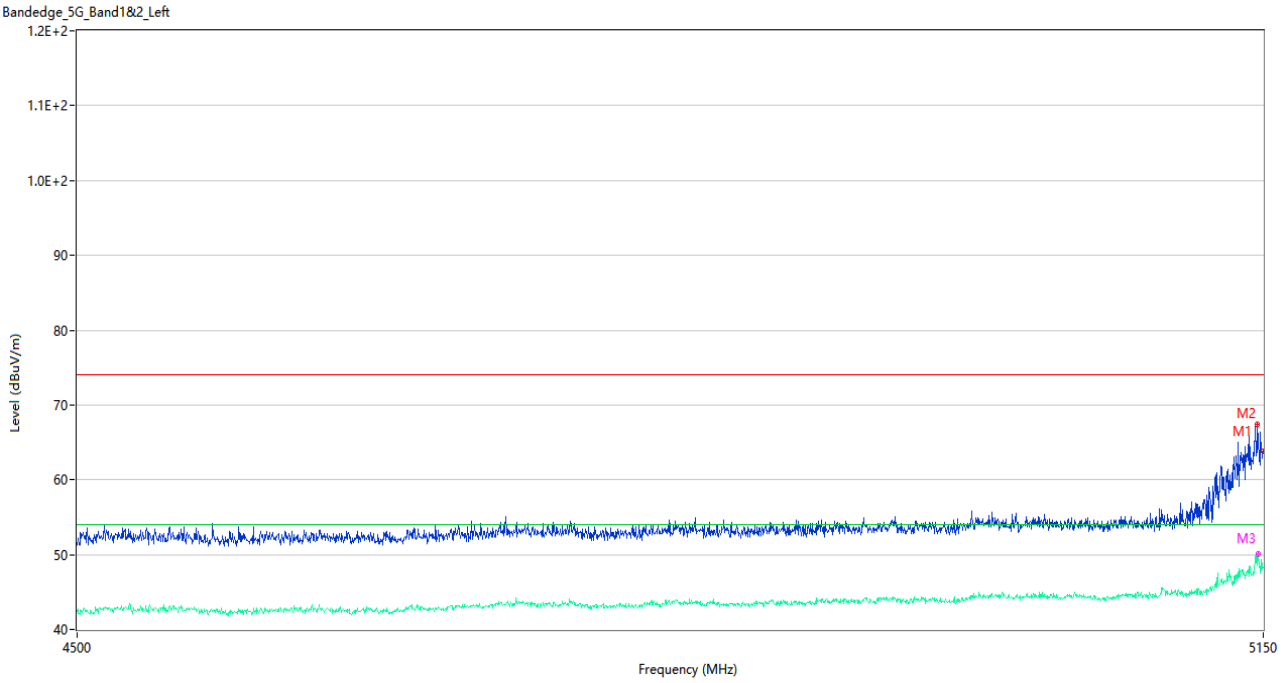
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.925	65.98	2.87	74.0	8.02	Peak	188.00	200	Horizontal	Pass
1**	5139.925	49.72	2.87	54.0	4.28	AV	188.00	200	Horizontal	Pass
2	5150.000	62.00	2.86	74.0	12.00	Peak	181.00	100	Horizontal	Pass
2**	5150.000	50.12	2.86	54.0	3.88	AV	181.00	100	Horizontal	Pass

U-NII-1 11ax80 (SU) Middle Channel



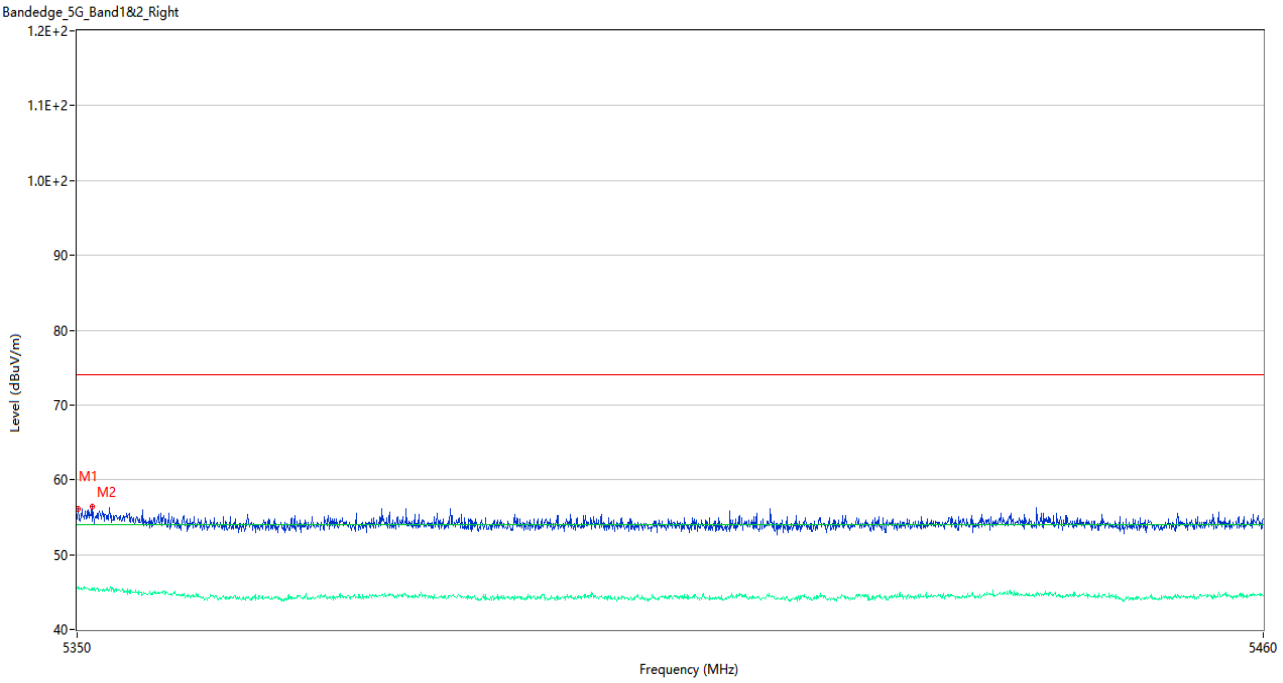
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.92	3.32	74.0	18.08	Peak	174.00	100	Horizontal	Pass
1**	5350.000	46.09	3.32	54.0	7.91	AV	174.00	100	Horizontal	Pass
2	5352.915	58.36	3.22	74.0	15.64	Peak	183.00	200	Horizontal	Pass
2**	5352.915	46.34	3.22	54.0	7.66	AV	183.00	200	Horizontal	Pass

U-NII-1 11ax20 (RU26) Low Channel



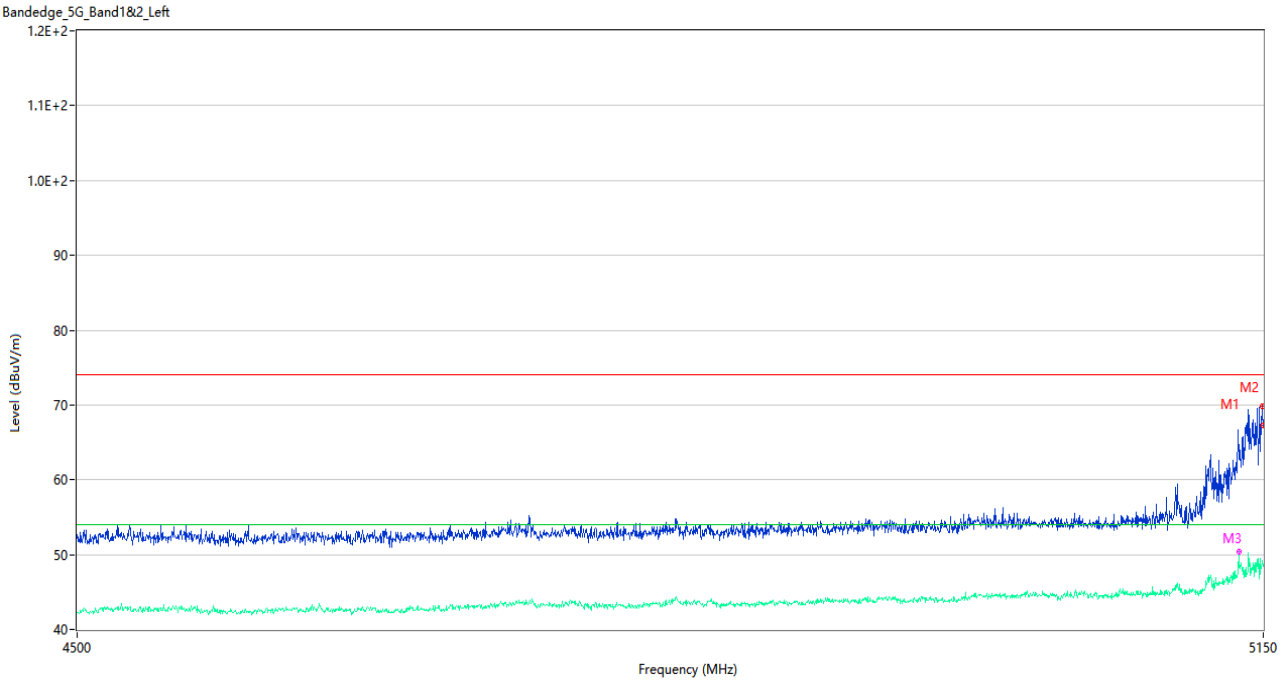
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	67.44	3.04	74.0	6.56	Peak	182.00	100	Horizontal	Pass
1**	5146.750	49.49	3.04	54.0	4.51	AV	182.00	100	Horizontal	Pass
2	5150.000	63.83	2.86	74.0	10.17	Peak	185.00	100	Horizontal	Pass
2**	5150.000	48.22	2.86	54.0	5.78	AV	185.00	100	Horizontal	Pass
3	5147.075	65.19	3.00	74.0	8.81	Peak	136.00	100	Horizontal	Pass
3**	5147.075	50.12	3.00	54.0	3.88	AV	136.00	100	Horizontal	Pass

U-NII-1 11ax20 (RU26) High Channel



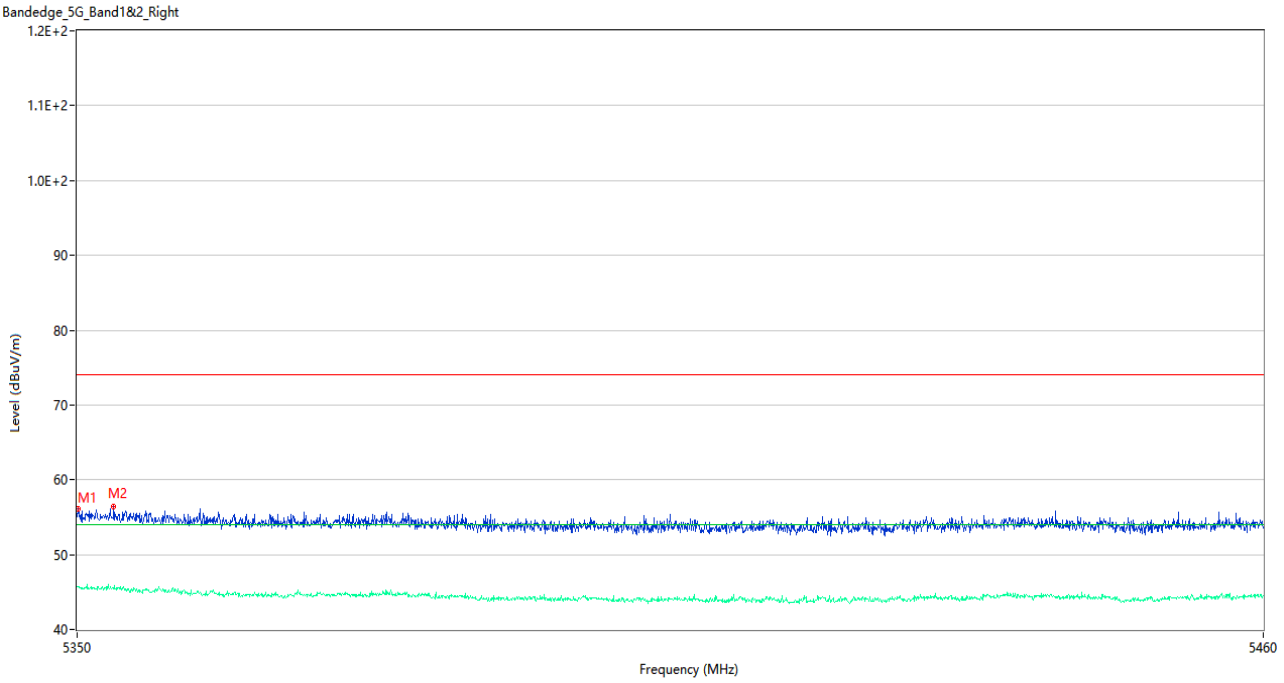
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.17	3.30	74.0	17.83	Peak	346.00	150	Horizontal	Pass
1**	5350.055	45.79	3.30	54.0	8.21	AV	346.00	150	Horizontal	Pass
2	5351.375	56.40	3.06	74.0	17.60	Peak	360.00	200	Horizontal	Pass
2**	5351.375	45.57	3.06	54.0	8.43	AV	360.00	200	Horizontal	Pass

U-NII-1 11ax40 (RU26) Low Channel



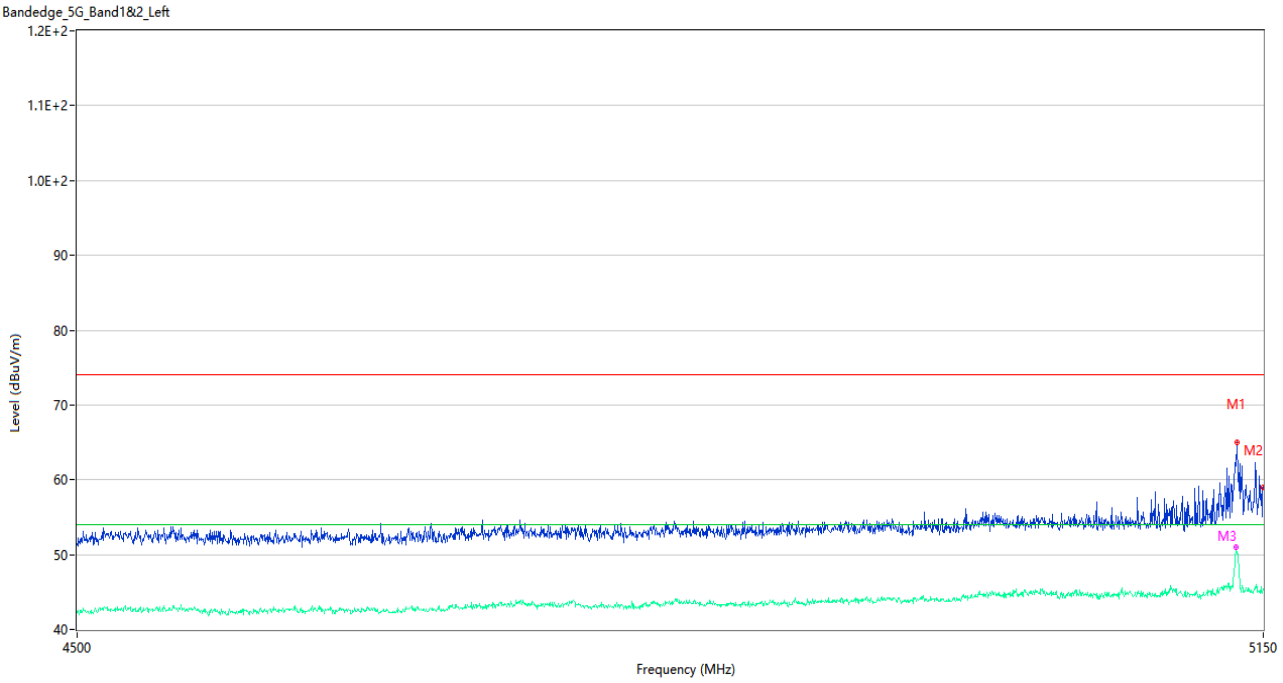
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	69.78	2.85	74.0	4.22	Peak	152.00	150	Horizontal	Pass
1**	5149.350	48.76	2.85	54.0	5.24	AV	152.00	150	Horizontal	Pass
2	5150.000	67.21	2.86	74.0	6.79	Peak	189.00	100	Horizontal	Pass
2**	5150.000	48.48	2.86	54.0	5.52	AV	189.00	100	Horizontal	Pass
3	5135.700	62.75	3.10	74.0	11.25	Peak	164.00	100	Horizontal	Pass
3**	5135.700	50.37	3.10	54.0	3.63	AV	164.00	100	Horizontal	Pass

U-NII-1 11ax40 (RU26) High Channel



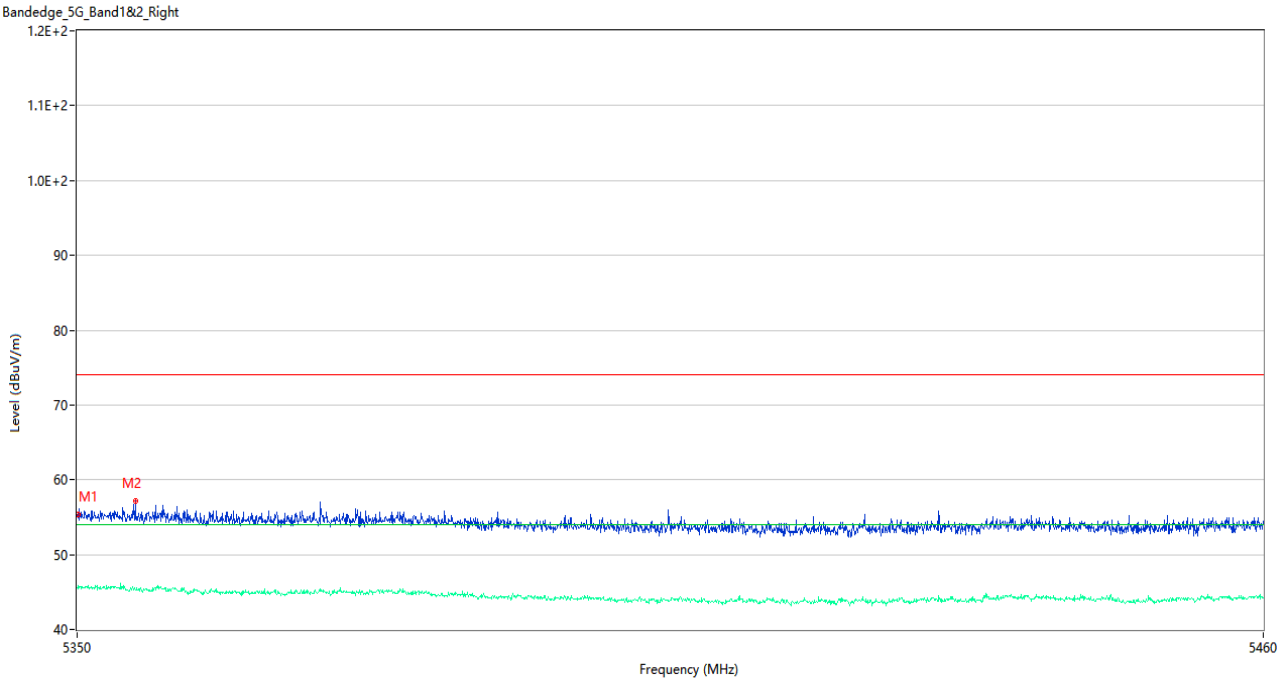
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.12	3.30	74.0	17.88	Peak	267.00	100	Horizontal	Pass
1**	5350.055	45.66	3.30	54.0	8.34	AV	267.00	100	Horizontal	Pass
2	5353.355	56.41	3.16	74.0	17.59	Peak	137.00	200	Horizontal	Pass
2**	5353.355	45.42	3.16	54.0	8.58	AV	137.00	200	Horizontal	Pass

U-NII-1 11ax80 (RU26) Middle Channel



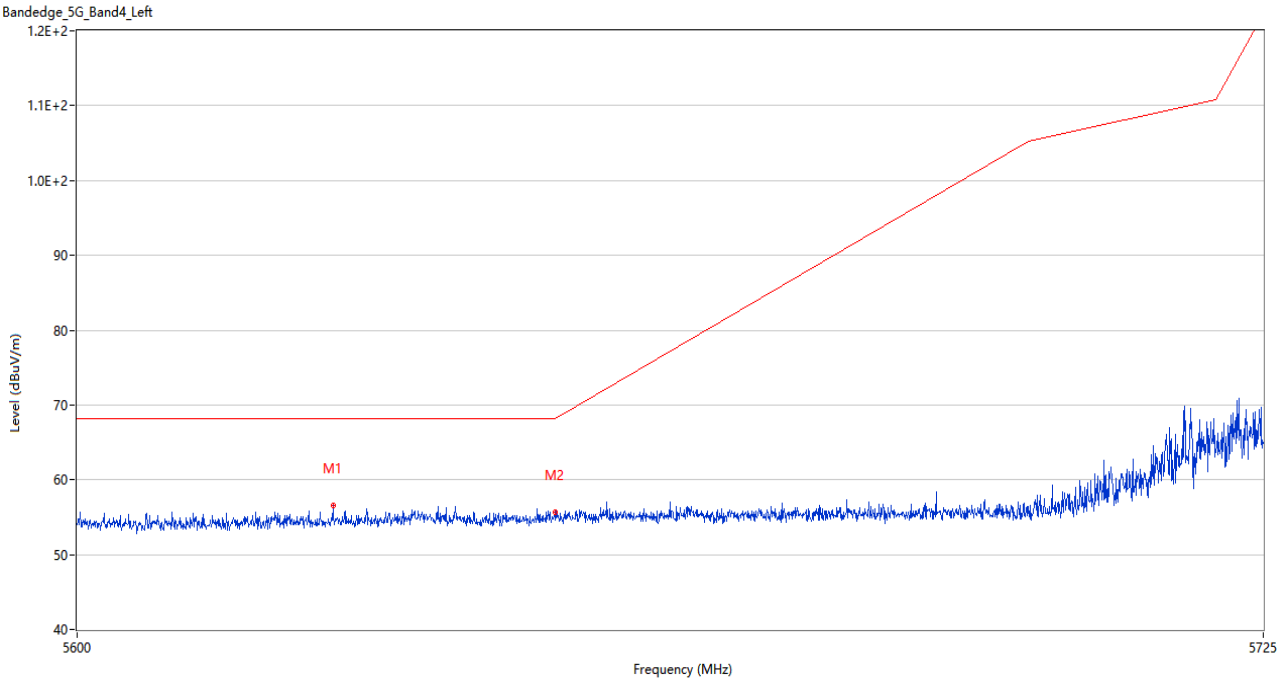
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5134.400	65.07	2.98	74.0	8.93	Peak	159.00	100	Horizontal	Pass
1**	5134.400	50.07	2.98	54.0	3.93	AV	159.00	100	Horizontal	Pass
2	5150.000	59.00	2.86	74.0	15.00	Peak	191.00	100	Horizontal	Pass
2**	5150.000	45.45	2.86	54.0	8.55	AV	191.00	100	Horizontal	Pass
3	5134.075	61.79	3.07	74.0	12.21	Peak	134.00	100	Horizontal	Pass
3**	5134.075	50.93	3.07	54.0	3.07	AV	134.00	100	Horizontal	Pass

U-NII-1 11ax80 (RU26) Middle Channel



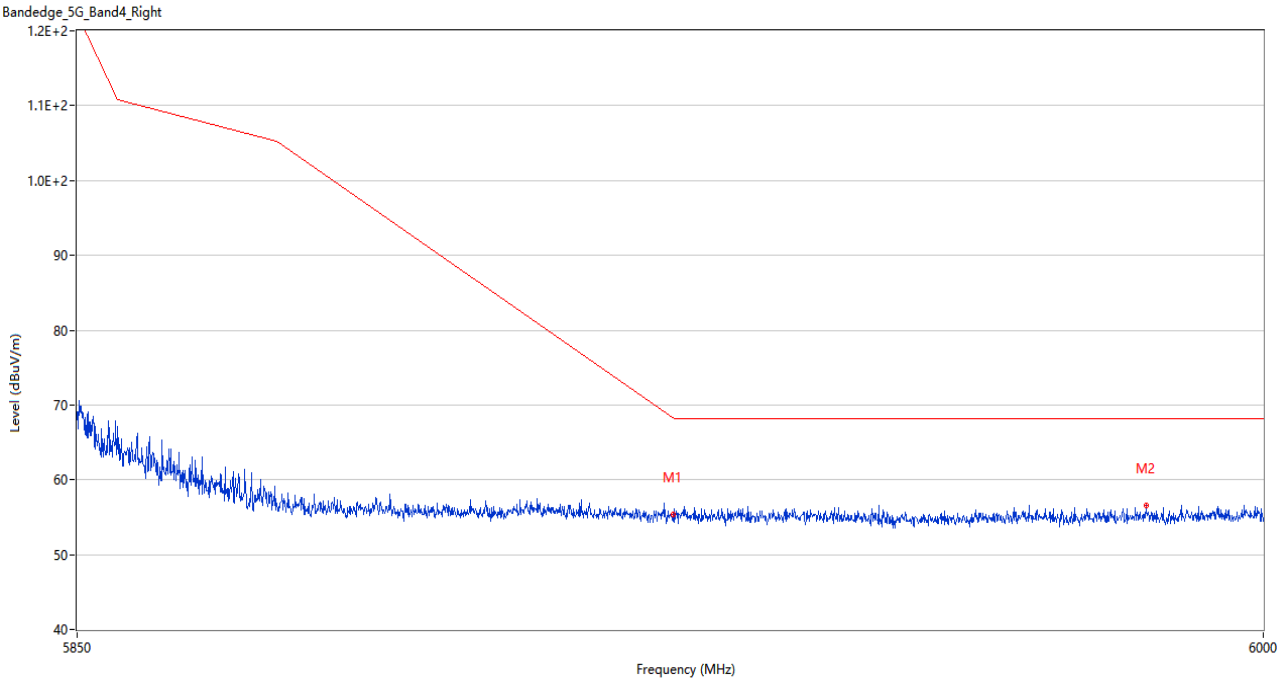
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.39	3.30	74.0	18.61	Peak	244.00	100	Horizontal	Pass
1**	5350.055	45.46	3.30	54.0	8.54	AV	244.00	100	Horizontal	Pass
2	5355.335	57.19	2.95	74.0	16.81	Peak	58.00	100	Horizontal	Pass
2**	5355.335	45.31	2.95	54.0	8.69	AV	58.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



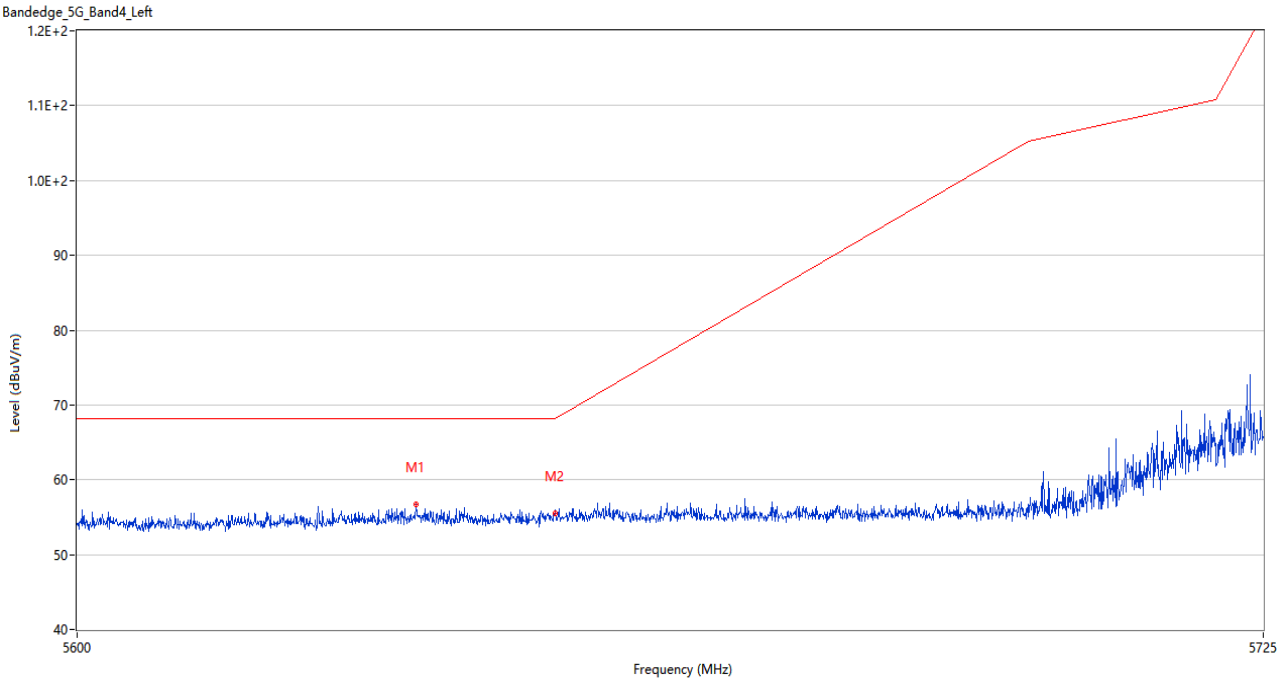
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.750	56.54	3.64	68.2	11.66	Peak	250.00	100	Horizontal	Pass
2	5650.000	55.64	3.72	68.2	12.56	Peak	285.00	150	Horizontal	Pass

U-NII-3 11a High Channel



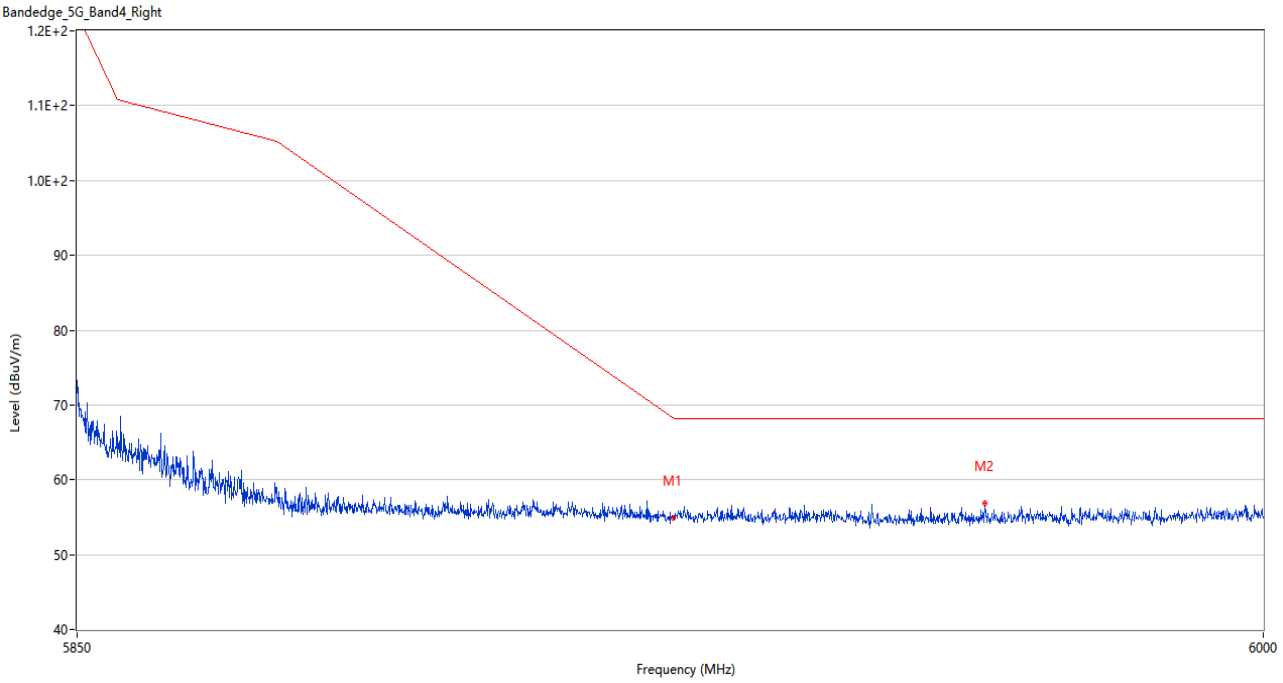
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.34	3.42	68.3	12.96	Peak	0.00	200	Horizontal	Pass
2	5985.000	56.59	4.45	68.2	11.61	Peak	222.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



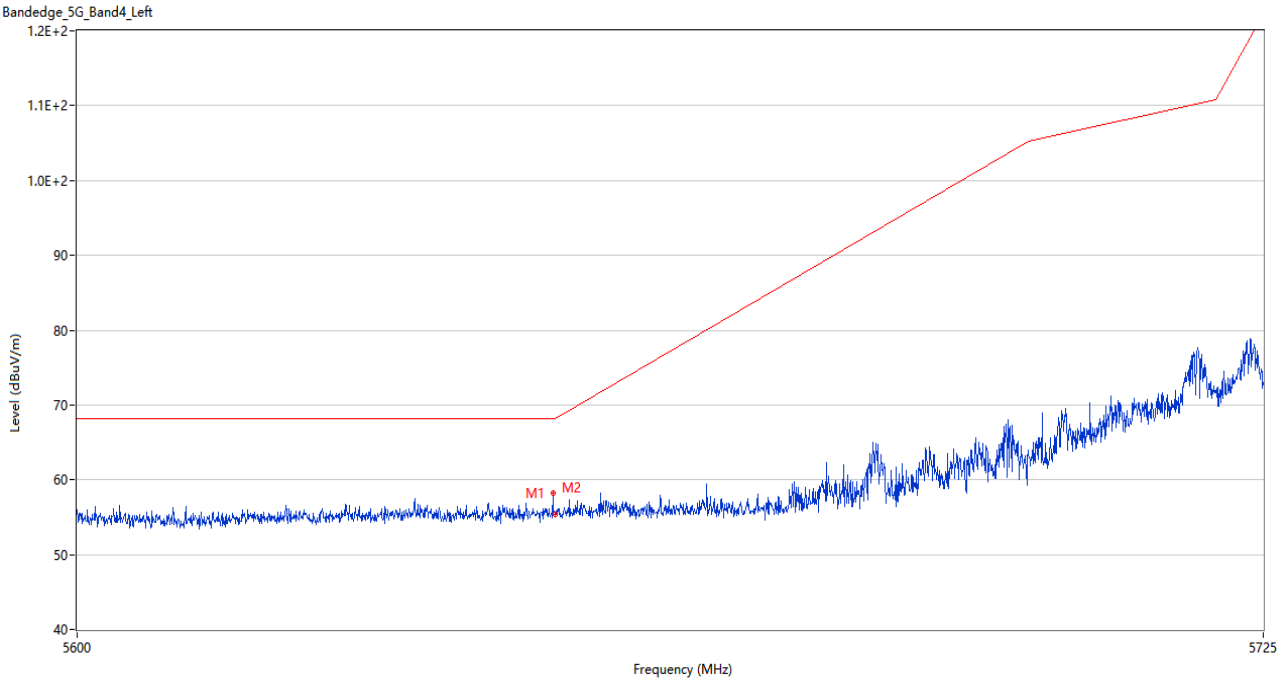
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.438	56.76	3.83	68.2	11.44	Peak	129.00	150	Horizontal	Pass
2	5650.000	55.55	3.72	68.2	12.65	Peak	309.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



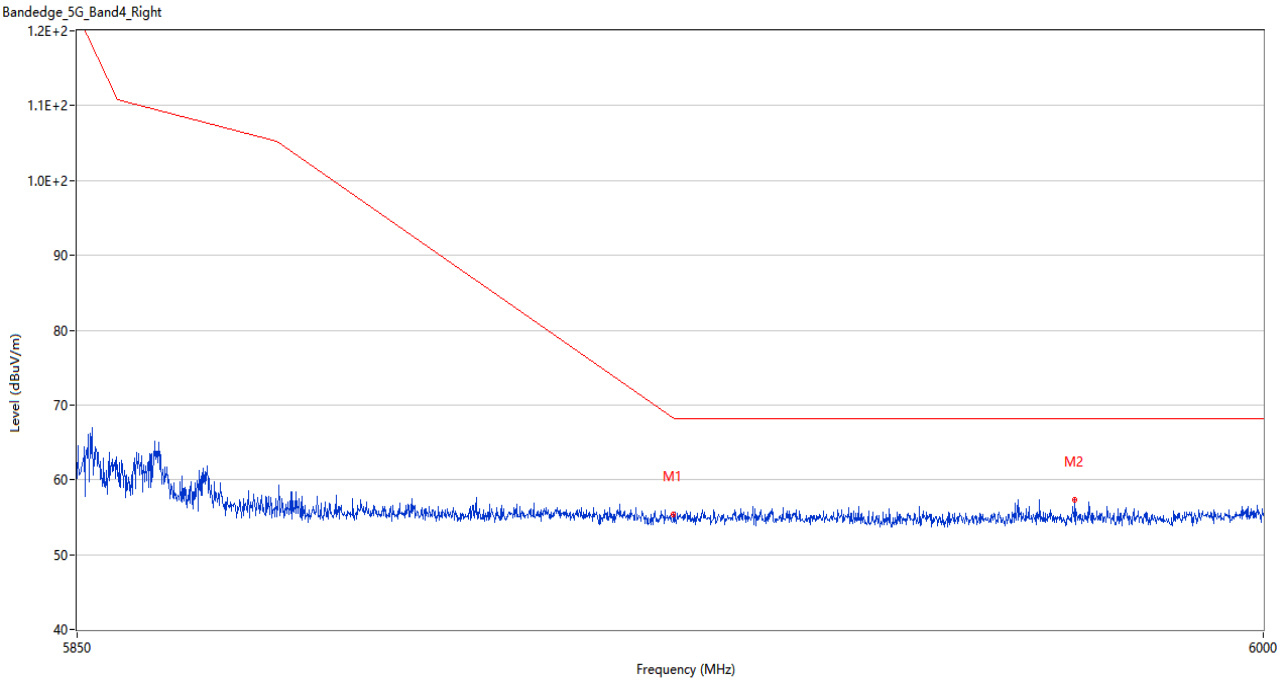
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.90	3.42	68.3	13.40	Peak	175.00	100	Horizontal	Pass
2	5964.450	56.88	3.75	68.2	11.32	Peak	49.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



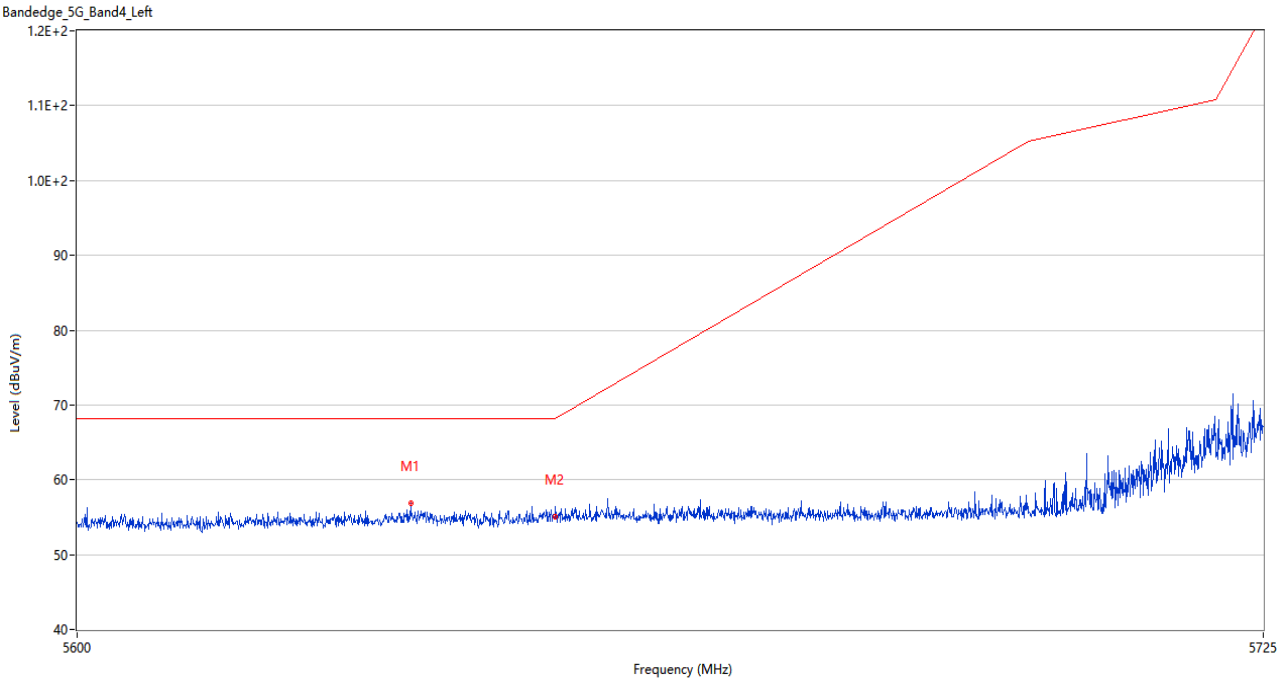
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.812	58.24	3.57	68.2	9.96	Peak	182.00	150	Horizontal	Pass
2	5650.000	55.30	3.72	68.2	12.90	Peak	178.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



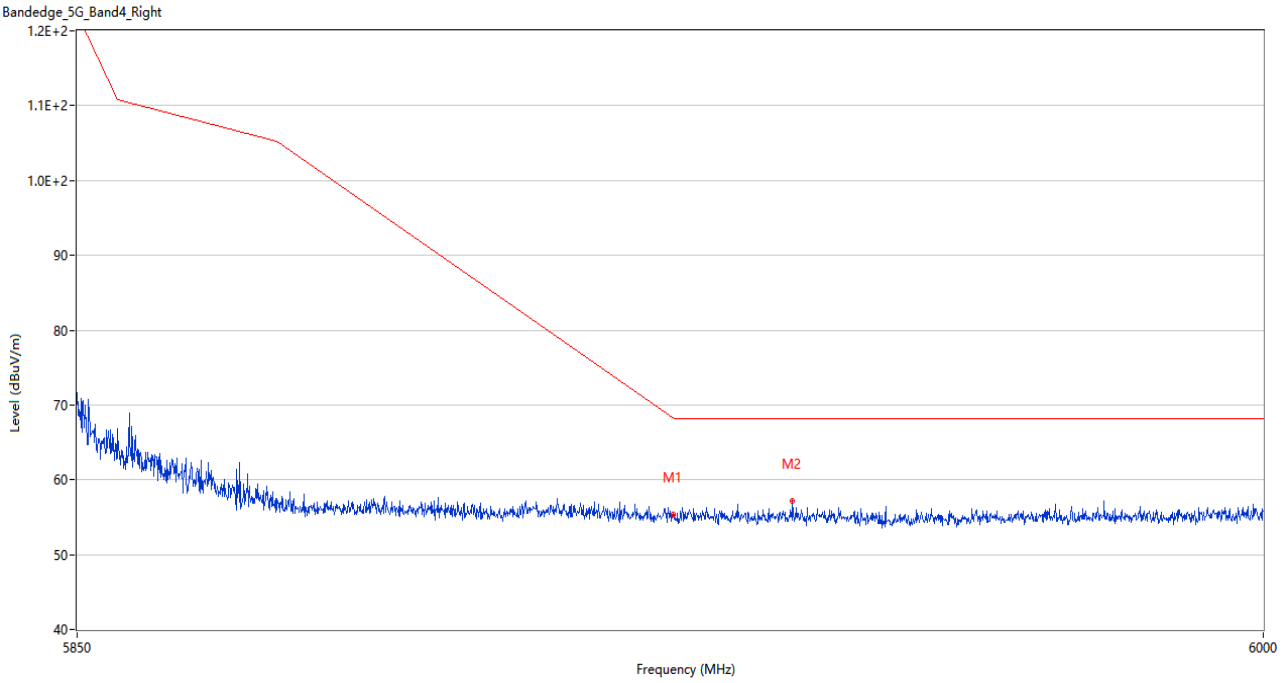
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.41	3.42	68.3	12.89	Peak	288.00	100	Horizontal	Pass
2	5975.925	57.39	3.93	68.2	10.81	Peak	355.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



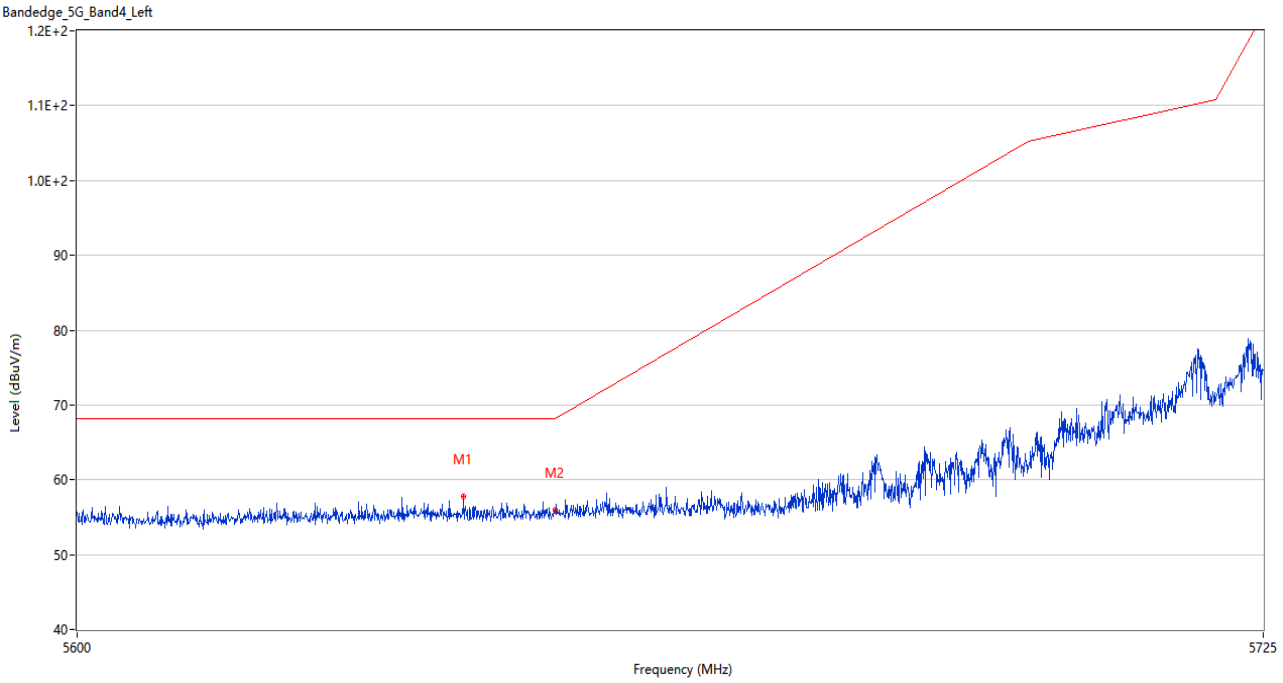
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.875	56.91	3.65	68.2	11.29	Peak	230.00	100	Horizontal	Pass
2	5650.000	55.07	3.72	68.2	13.13	Peak	67.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



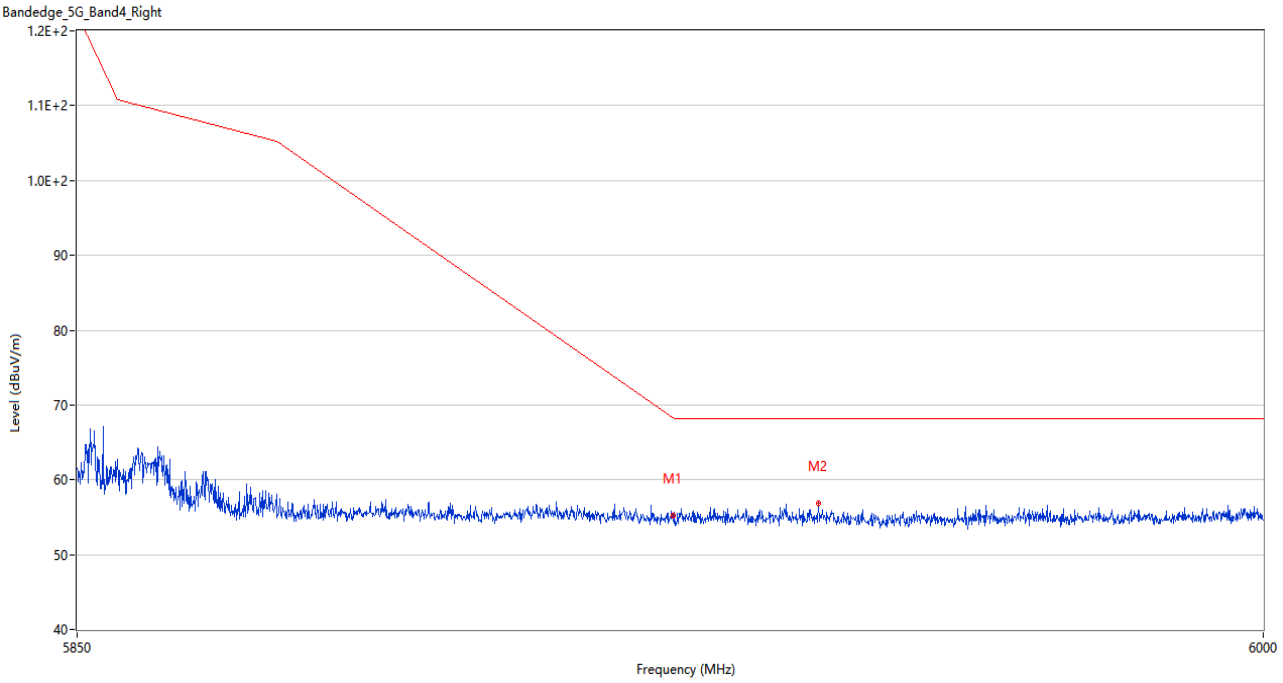
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.40	3.42	68.3	12.90	Peak	4.00	150	Horizontal	Pass
2	5940.000	57.13	3.65	68.2	11.07	Peak	186.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



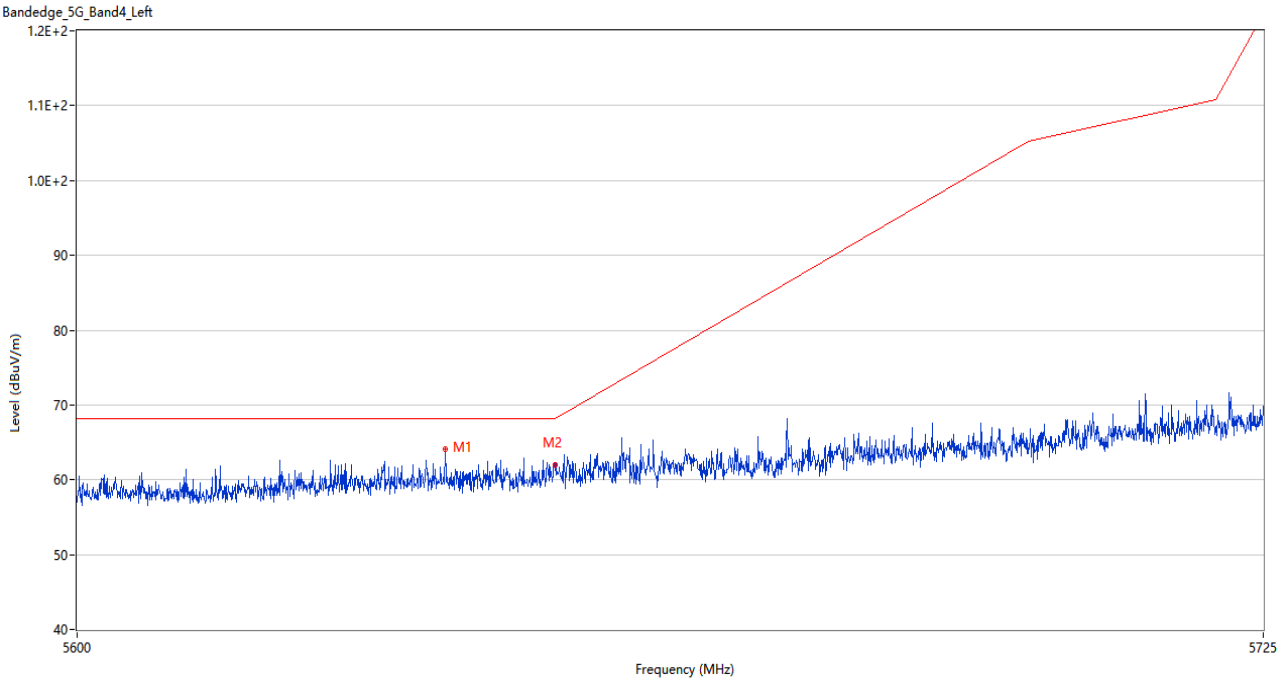
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.437	57.70	3.46	68.2	10.50	Peak	211.00	200	Horizontal	Pass
2	5650.000	56.00	3.72	68.2	12.20	Peak	216.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



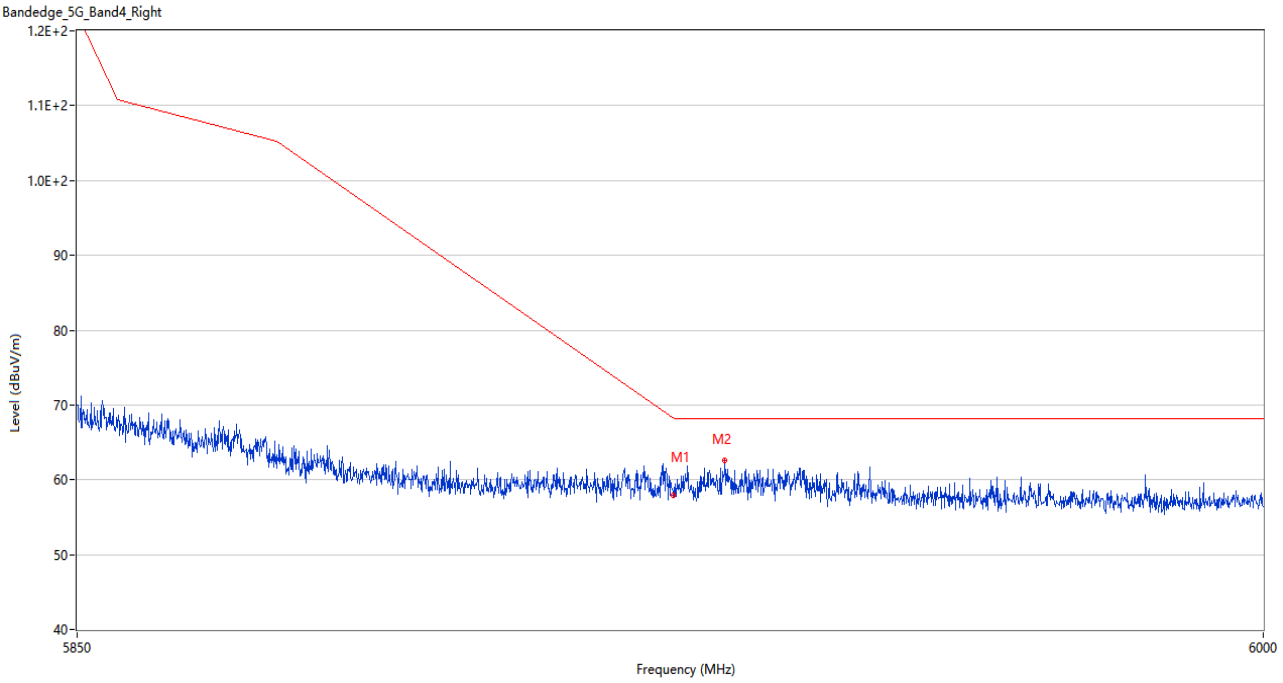
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.24	3.42	68.3	13.06	Peak	184.00	200	Horizontal	Pass
2	5943.300	56.92	3.39	68.2	11.28	Peak	174.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



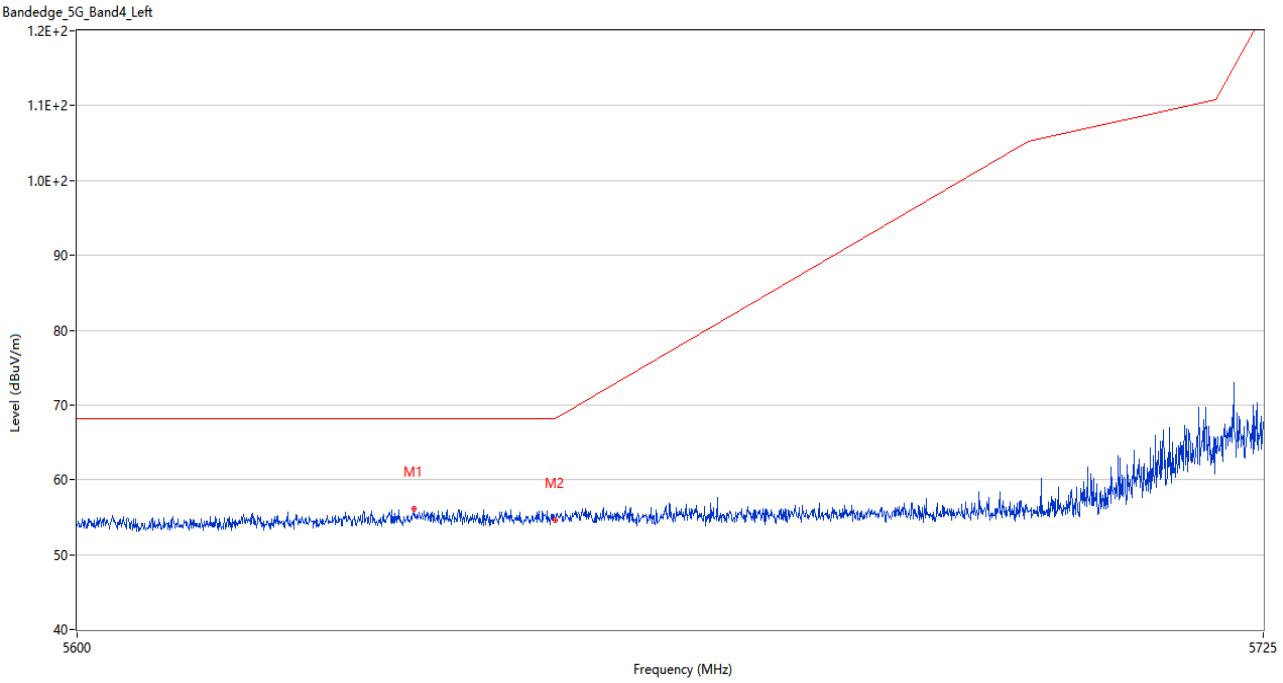
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.500	64.12	3.58	68.2	4.08	Peak	204.00	100	Horizontal	Pass
2	5650.000	61.93	3.72	68.2	6.27	Peak	183.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



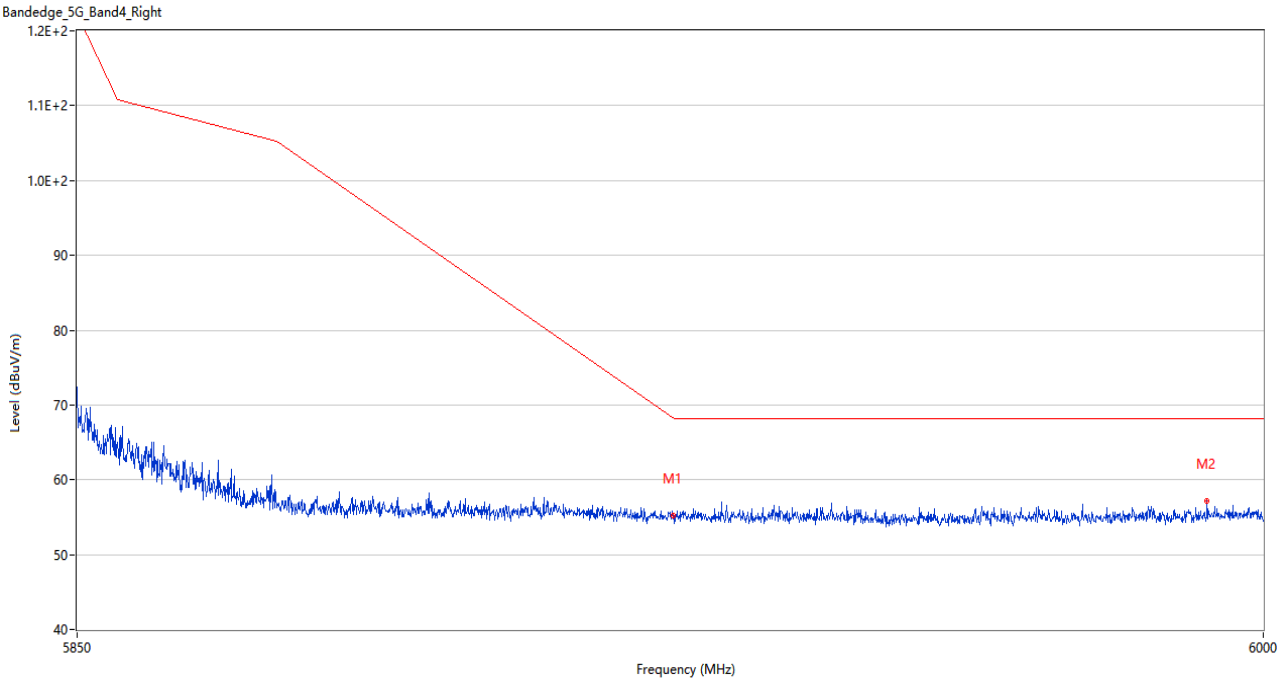
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.85	3.42	68.3	10.45	Peak	210.00	150	Horizontal	Pass
2	5931.450	62.57	3.55	68.2	5.63	Peak	171.00	200	Horizontal	Pass

U-NII-3 11ax20 (SU) Low Channel



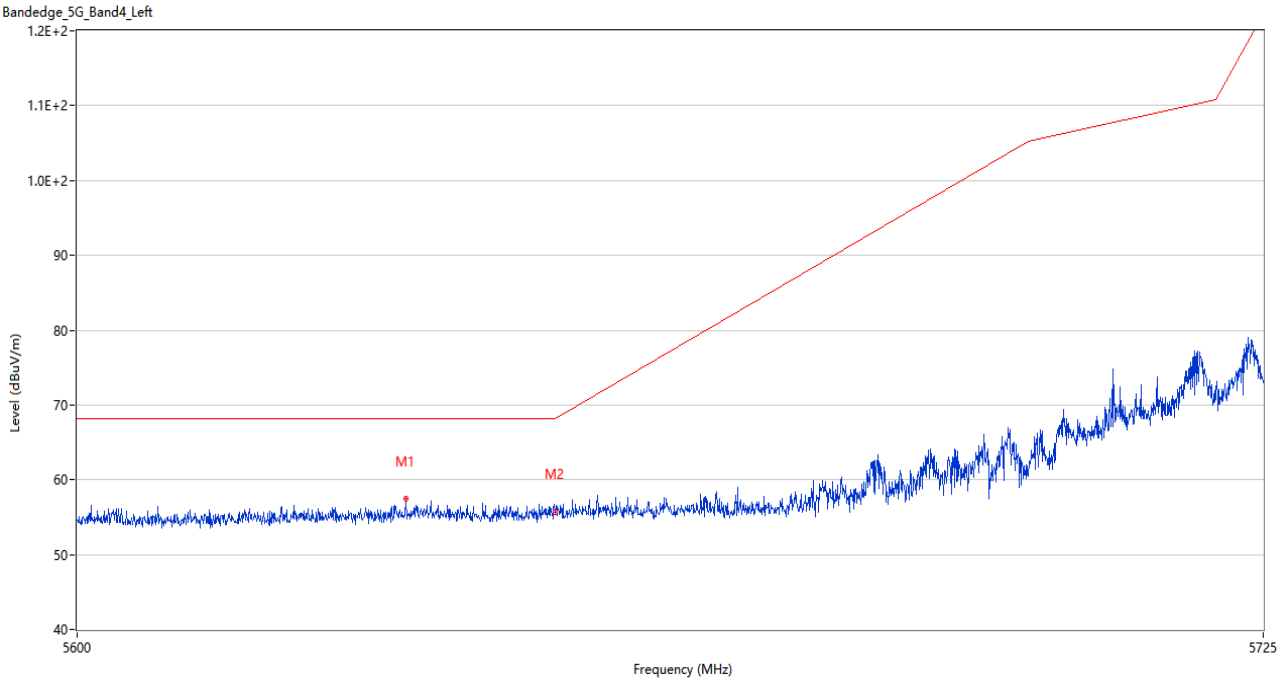
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.250	56.16	3.81	68.2	12.04	Peak	190.00	150	Horizontal	Pass
2	5650.000	54.64	3.72	68.2	13.56	Peak	278.00	100	Horizontal	Pass

U-NII-3 11ax20 (SU) High Channel



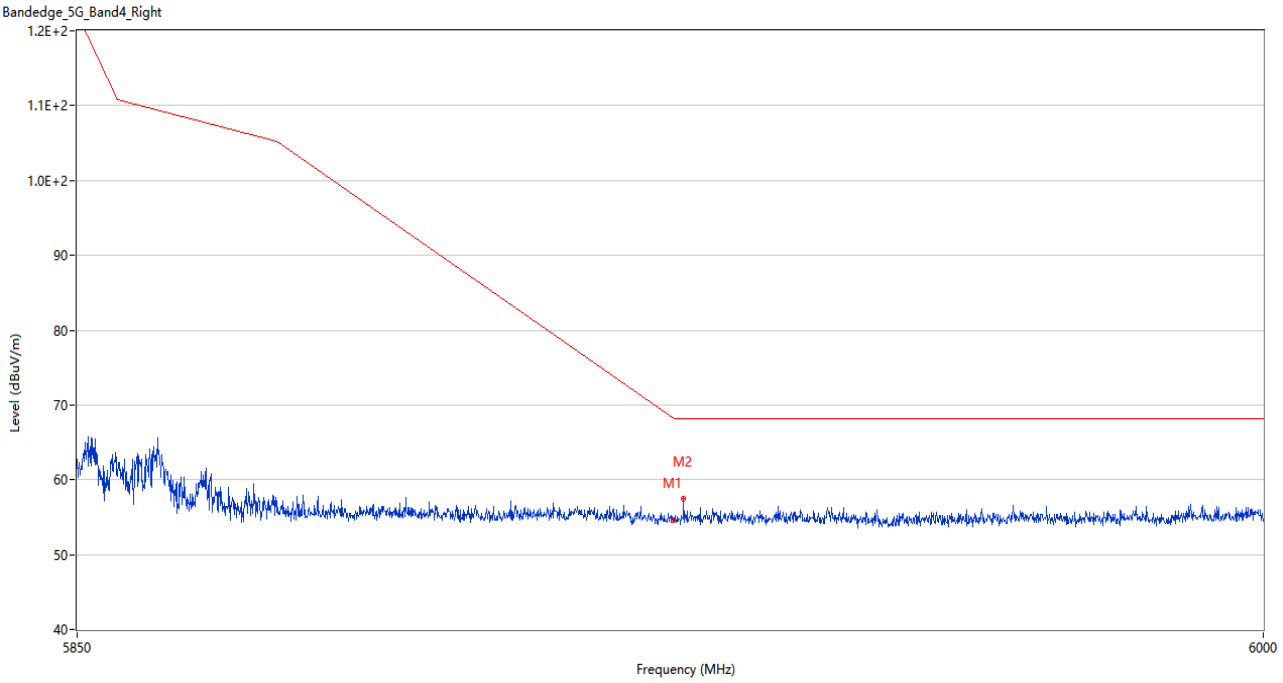
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.26	3.42	68.3	13.04	Peak	305.00	200	Horizontal	Pass
2	5992.800	57.21	4.66	68.2	10.99	Peak	46.00	200	Horizontal	Pass

U-NII-3 11ax40 (SU) Low Channel



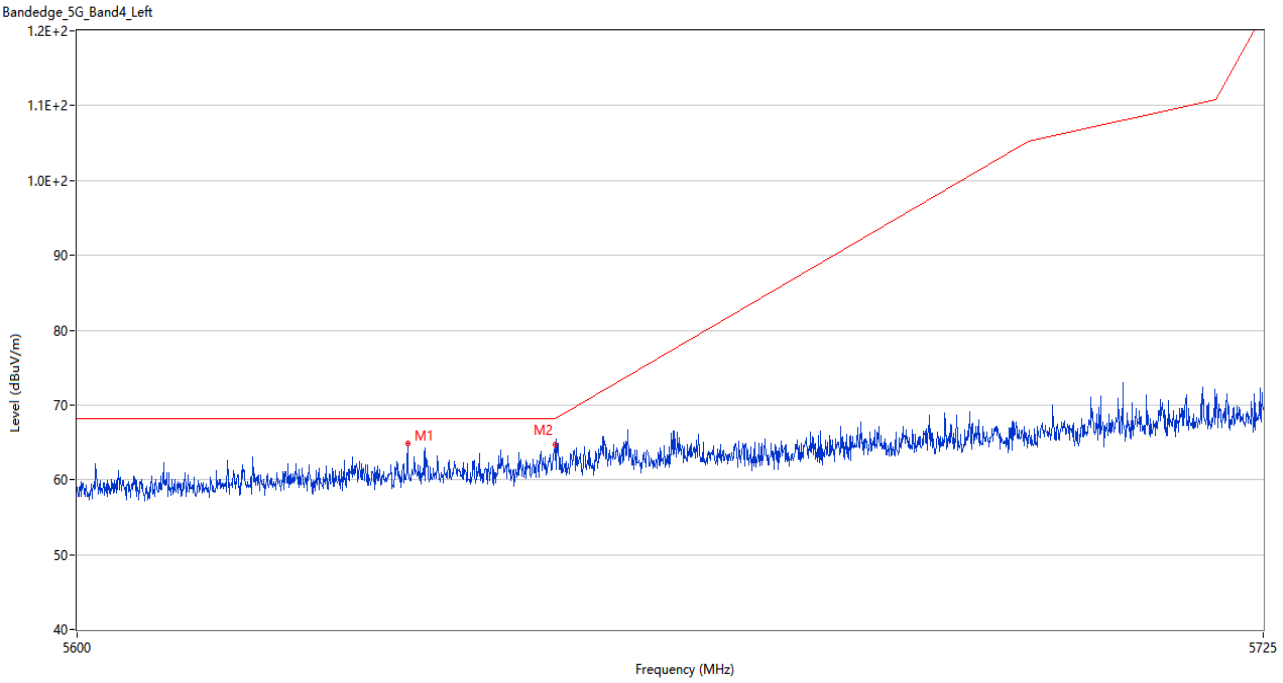
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.375	57.48	3.59	68.2	10.72	Peak	185.00	150	Horizontal	Pass
2	5650.000	55.72	3.72	68.2	12.48	Peak	199.00	200	Horizontal	Pass

U-NII-3 11ax40 (SU) High Channel



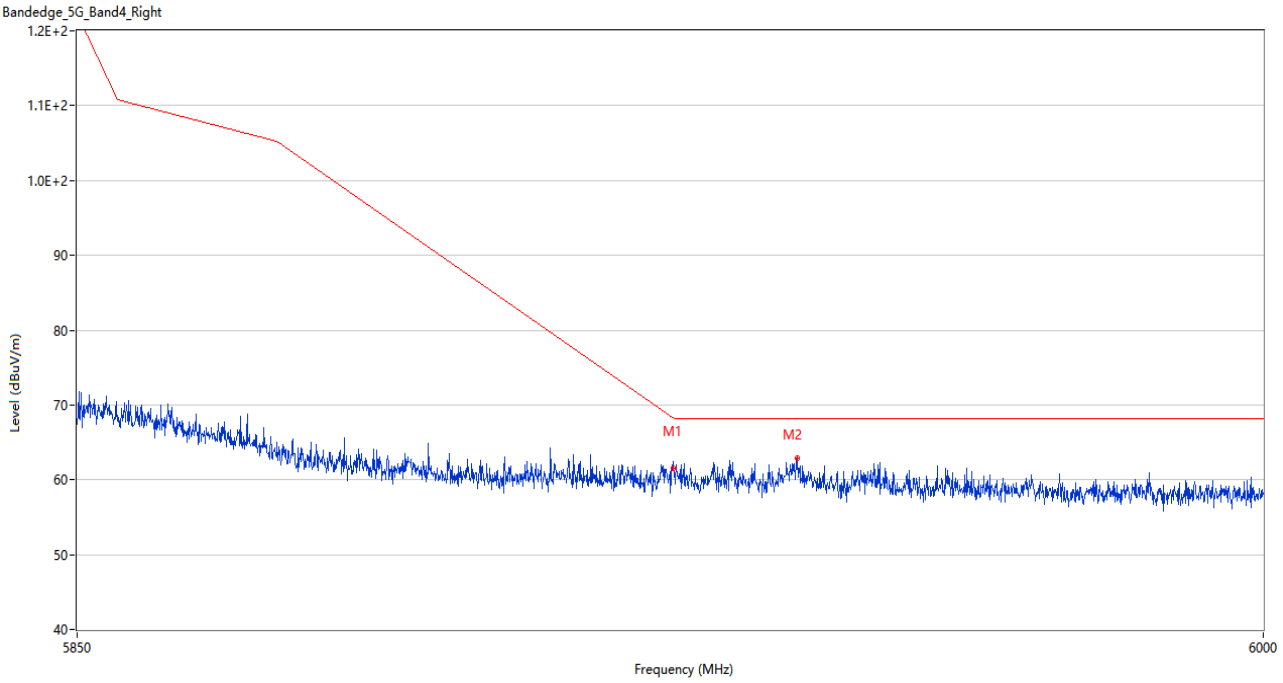
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.58	3.42	68.3	13.72	Peak	219.00	100	Horizontal	Pass
2	5926.200	57.49	3.77	68.2	10.71	Peak	198.00	100	Horizontal	Pass

U-NII-3 11ax80 (SU) Middle Channel



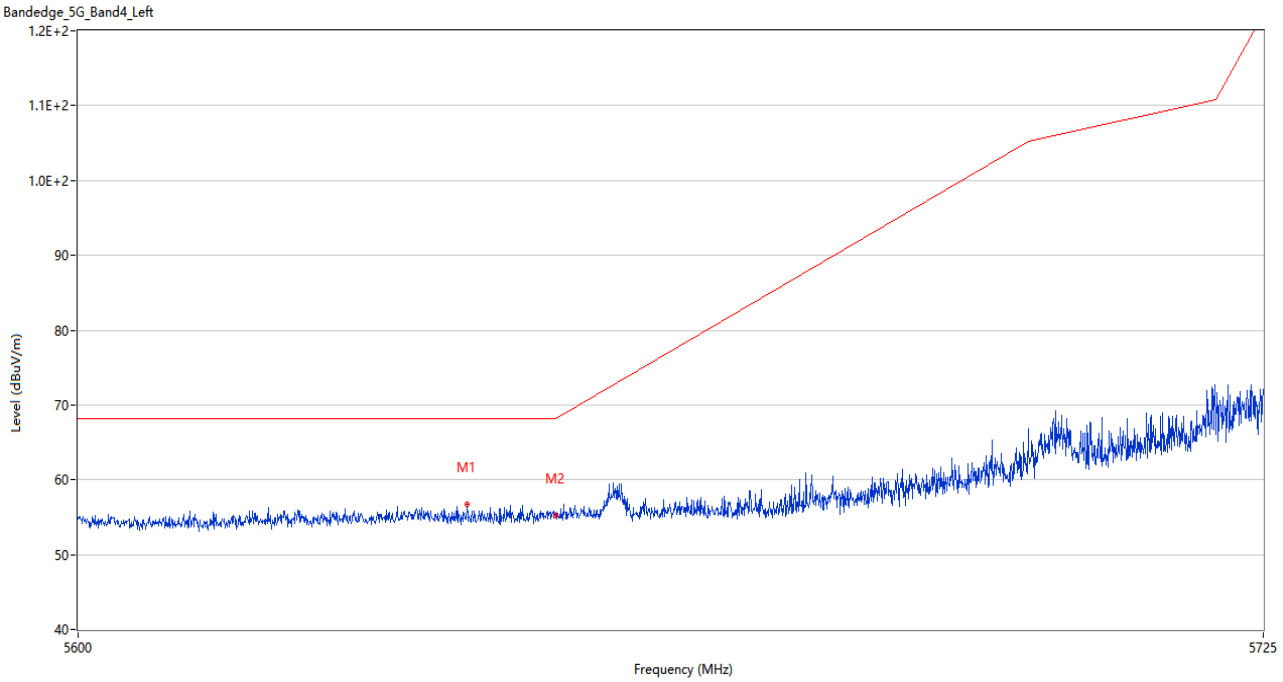
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.563	64.83	3.59	68.2	3.37	Peak	188.00	150	Horizontal	Pass
2	5650.000	64.73	3.72	68.2	3.47	Peak	188.00	200	Horizontal	Pass

U-NII-3 11ax80 (SU) Middle Channel



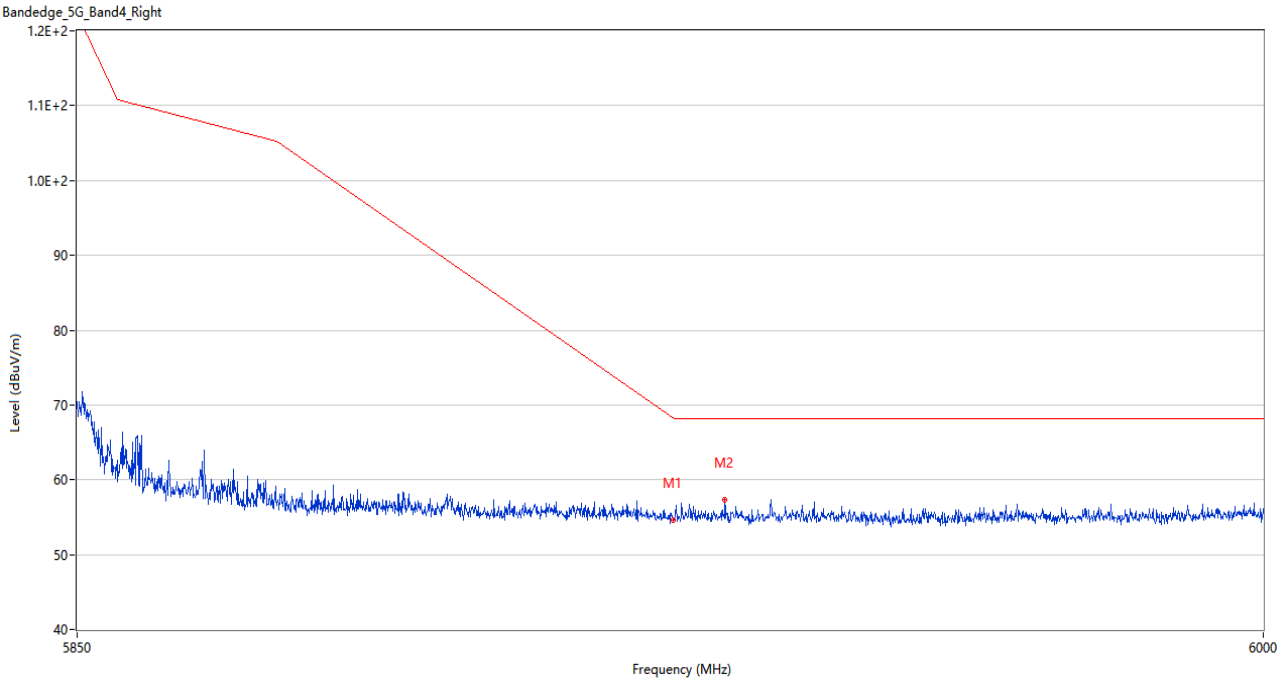
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	61.49	3.42	68.3	6.81	Peak	188.00	150	Horizontal	Pass
2	5940.675	62.85	3.60	68.2	5.35	Peak	174.00	200	Horizontal	Pass

U-NII-3 11ax20 (RU26) Low Channel



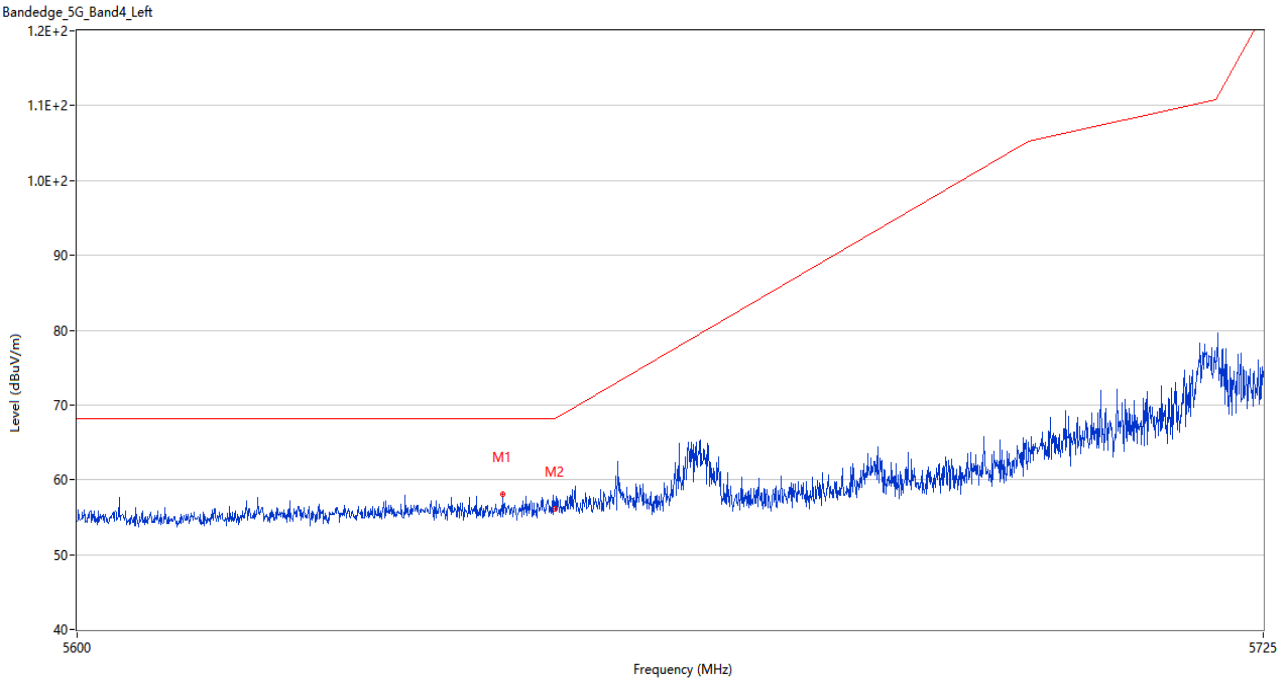
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.750	56.66	3.48	68.2	11.54	Peak	190.00	150	Horizontal	Pass
2	5650.000	55.20	3.72	68.2	13.00	Peak	176.00	150	Horizontal	Pass

U-NII-3 11ax20 (RU26) High Channel



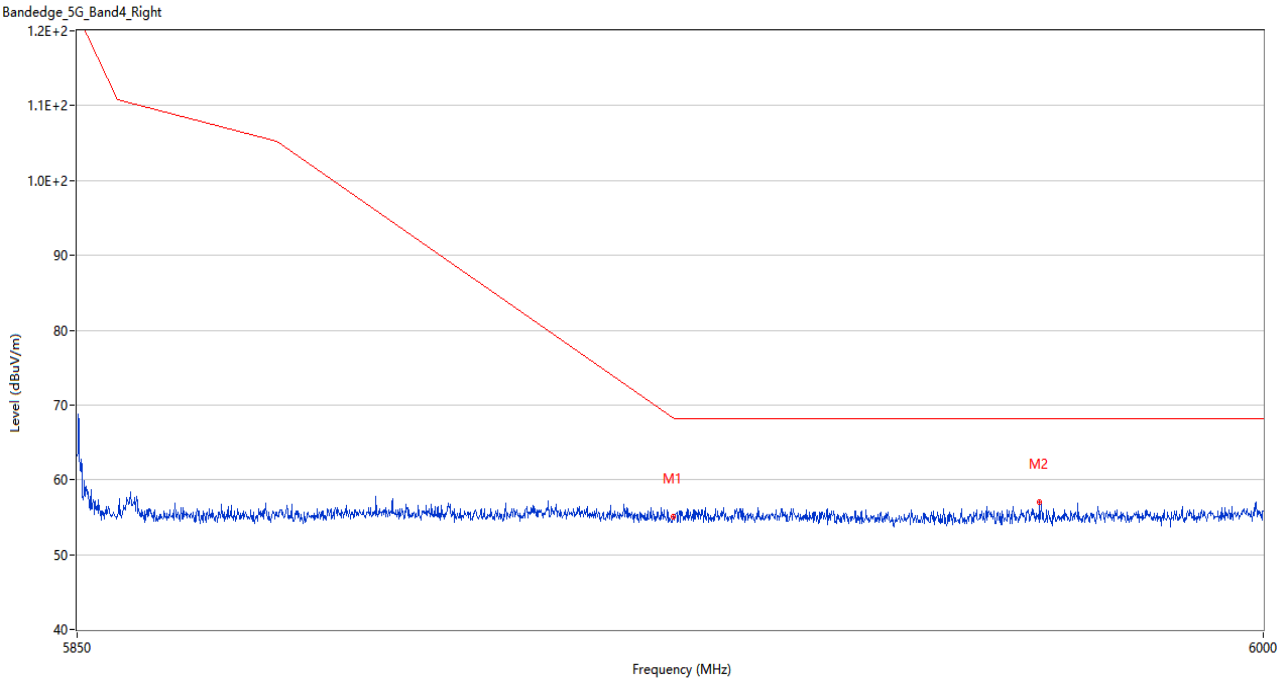
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.56	3.42	68.3	13.74	Peak	142.00	100	Horizontal	Pass
2	5931.450	57.31	3.55	68.2	10.89	Peak	242.00	100	Horizontal	Pass

U-NII-3 11ax40 (RU26) Low Channel



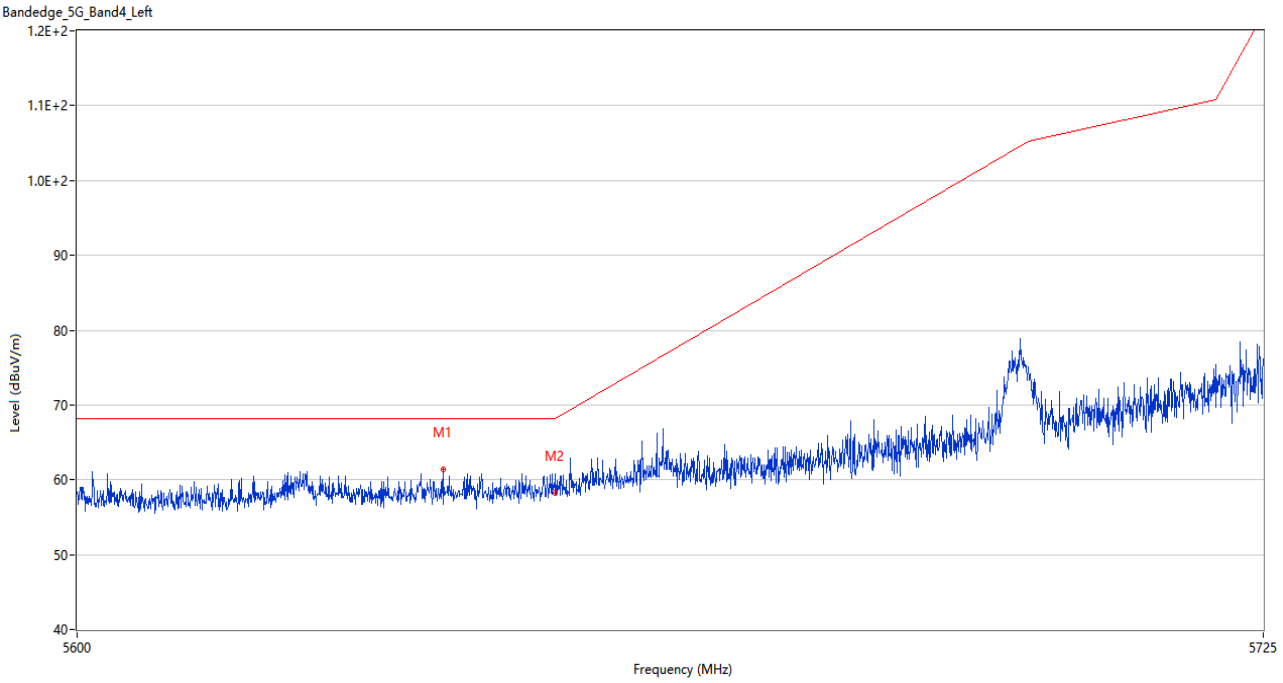
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.562	58.04	3.39	68.2	10.16	Peak	193.00	150	Horizontal	Pass
2	5650.000	56.14	3.72	68.2	12.06	Peak	208.00	200	Horizontal	Pass

U-NII-3 11ax40 (RU26) High Channel



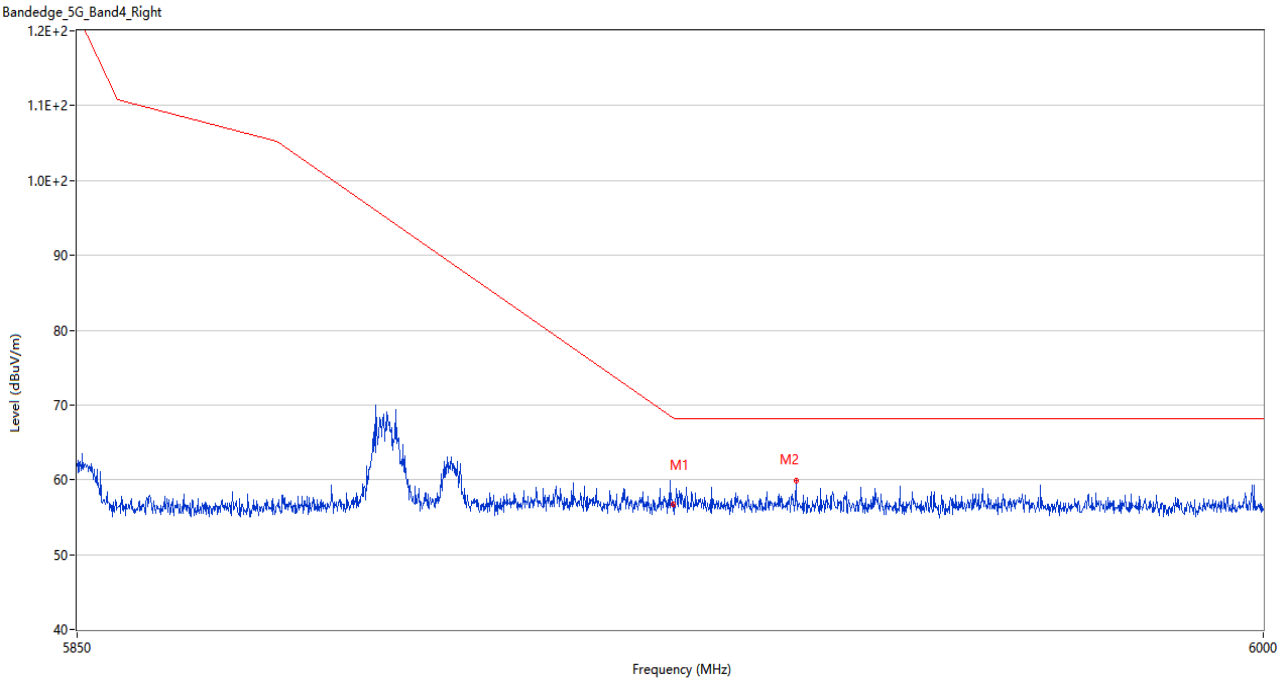
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.12	3.42	68.3	13.18	Peak	137.00	200	Horizontal	Pass
2	5971.425	57.09	3.99	68.2	11.11	Peak	110.00	200	Horizontal	Pass

U-NII-3 11ax80 (RU26) Middle Channel



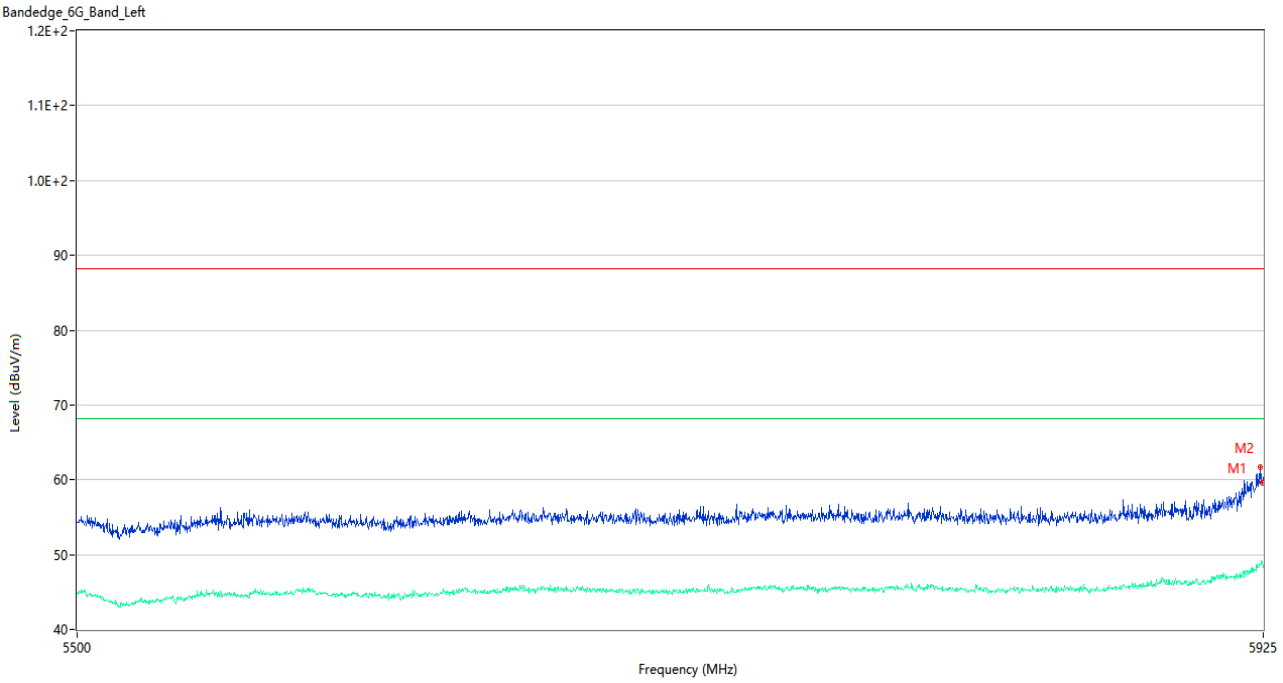
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.250	61.35	3.45	68.2	6.85	Peak	191.00	200	Horizontal	Pass
2	5650.000	58.26	3.72	68.2	9.94	Peak	215.00	200	Horizontal	Pass

U-NII-3 11ax80 (RU26) Middle Channel



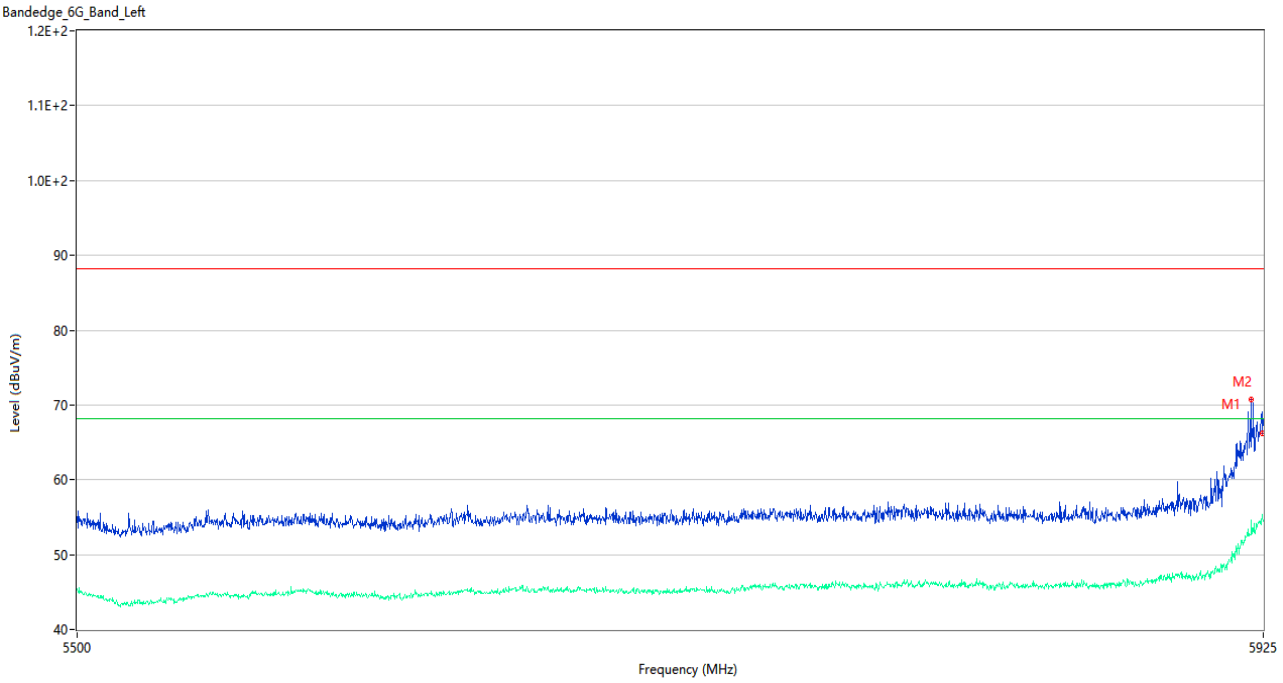
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.68	3.42	68.3	11.62	Peak	177.00	150	Horizontal	Pass
2	5940.450	59.85	3.60	68.2	8.35	Peak	177.00	100	Horizontal	Pass

U-NII-5 11ax20 (SU) Low Channel



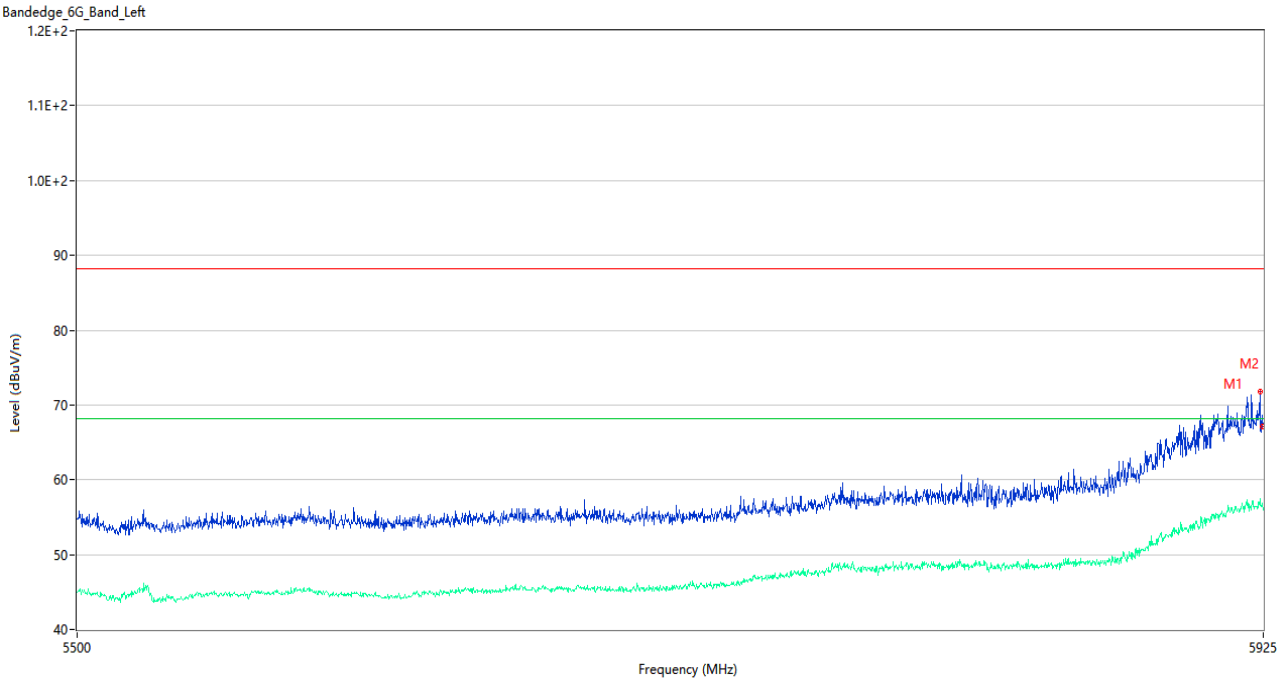
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.725	61.73	3.78	88.2	26.47	Peak	179.00	100	Horizontal	Pass
1**	5923.725	48.52	3.78	68.2	19.68	AV	179.00	100	Horizontal	Pass
2	5924.788	59.60	3.50	88.2	28.60	Peak	184.00	200	Horizontal	Pass
2**	5924.788	49.05	3.50	68.2	19.15	AV	184.00	200	Horizontal	Pass

U-NII-5 11ax40 (SU) Low Channel



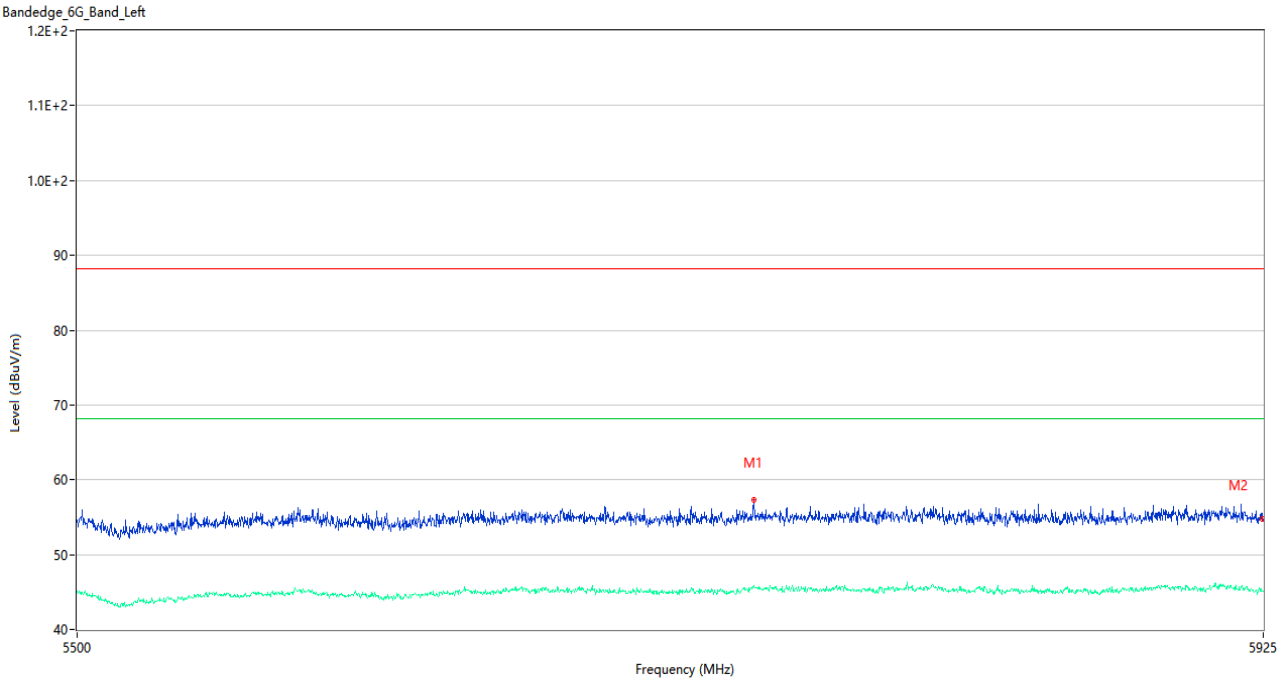
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5920.325	70.74	3.83	88.2	17.46	Peak	207.00	100	Horizontal	Pass
1**	5920.325	52.68	3.83	68.2	15.52	AV	207.00	100	Horizontal	Pass
2	5924.788	66.18	3.50	88.2	22.02	Peak	171.00	100	Horizontal	Pass
2**	5924.788	55.03	3.50	68.2	13.17	AV	171.00	100	Horizontal	Pass

U-NII-5 11ax80 (SU) Low Channel



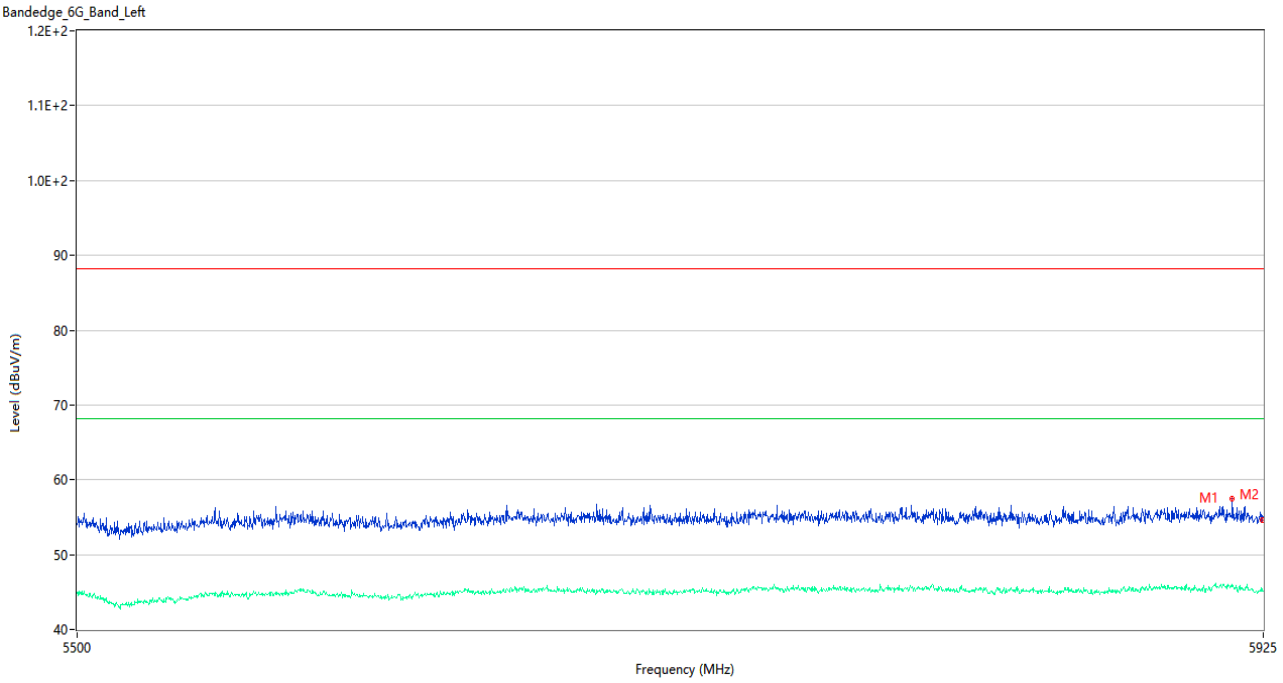
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.725	71.72	3.78	88.2	16.48	Peak	206.00	200	Horizontal	Pass
1**	5923.725	57.50	3.78	68.2	10.70	AV	206.00	200	Horizontal	Pass
2	5924.788	67.11	3.50	88.2	21.09	Peak	176.00	200	Horizontal	Pass
2**	5924.788	56.93	3.50	68.2	11.27	AV	176.00	200	Horizontal	Pass

U-NII-5 11ax20 (RU26) Low Channel



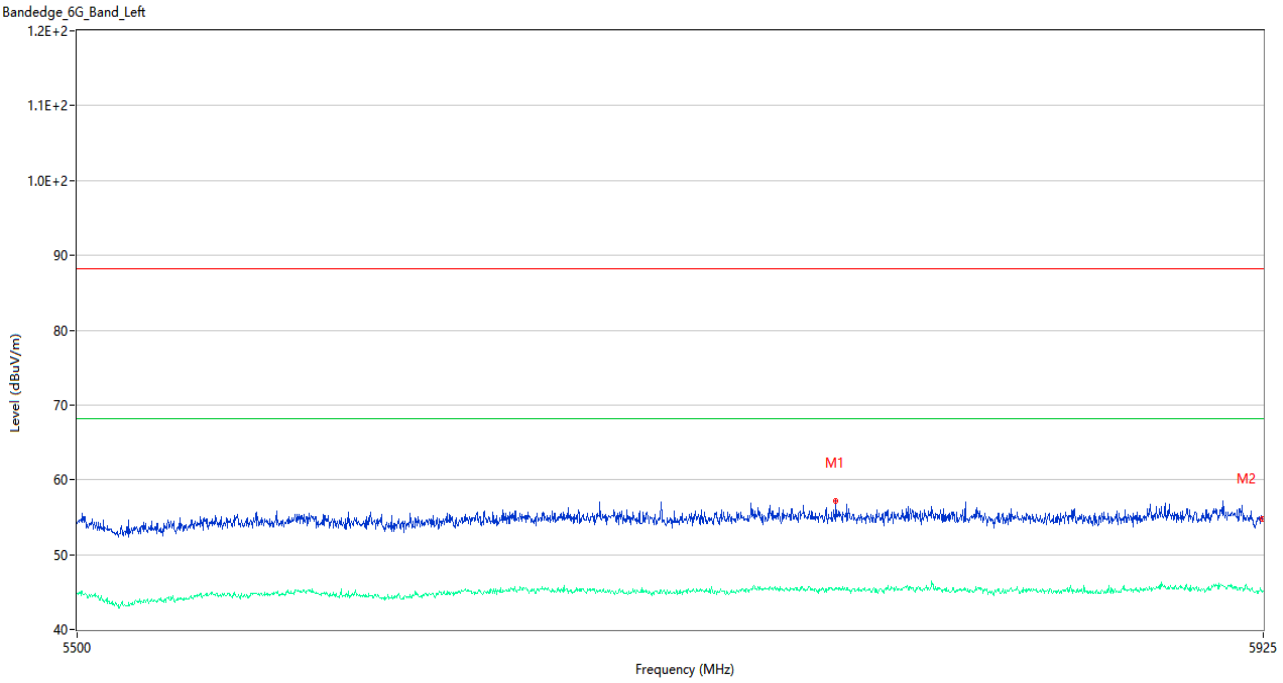
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5738.638	57.34	4.11	88.2	30.86	Peak	0.00	200	Horizontal	Pass
1**	5738.638	45.81	4.11	68.2	22.39	AV	0.00	200	Horizontal	Pass
2	5924.788	54.83	3.50	88.2	33.37	Peak	360.00	200	Horizontal	Pass
2**	5924.788	45.11	3.50	68.2	23.09	AV	360.00	200	Horizontal	Pass

U-NII-5 11ax40 (RU26) Low Channel



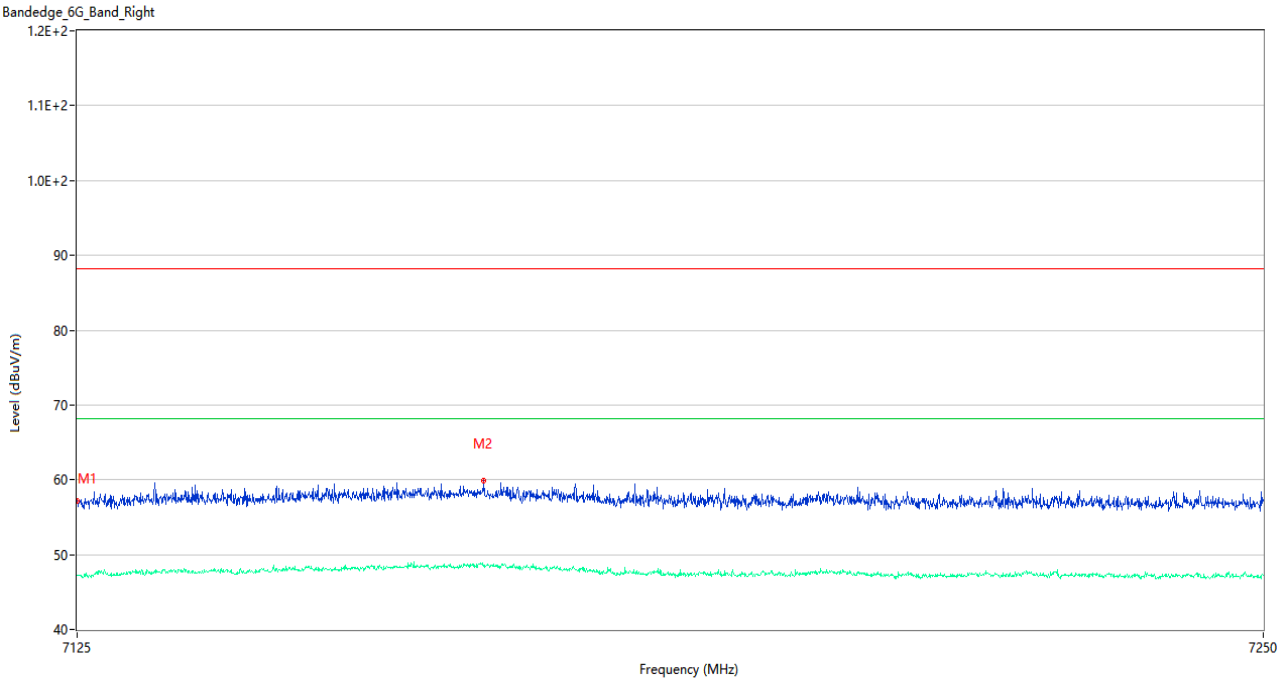
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5913.525	57.40	4.18	88.2	30.80	Peak	241.00	150	Horizontal	Pass
1**	5913.525	46.05	4.18	68.2	22.15	AV	241.00	150	Horizontal	Pass
2	5924.788	54.65	3.50	88.2	33.55	Peak	168.00	100	Horizontal	Pass
2**	5924.788	45.35	3.50	68.2	22.85	AV	168.00	100	Horizontal	Pass

U-NII-5 11ax80 (RU26) Low Channel



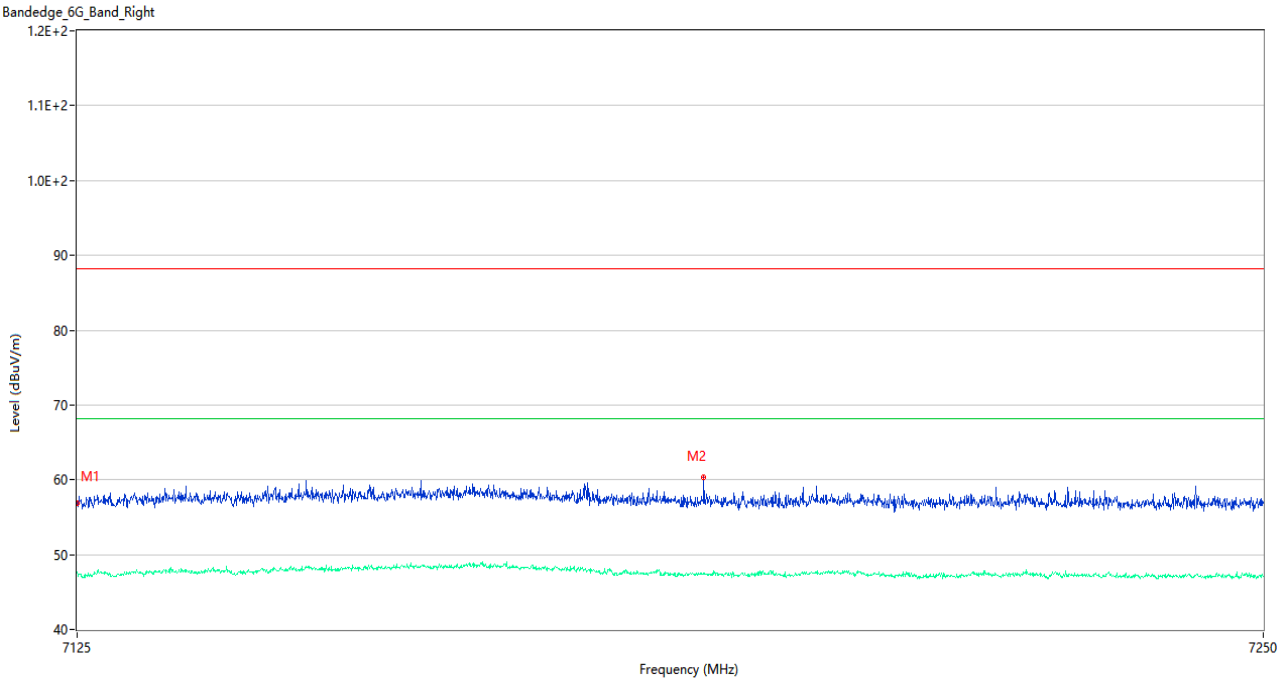
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5768.175	57.23	3.61	88.2	30.97	Peak	97.00	100	Horizontal	Pass
1**	5768.175	45.41	3.61	68.2	22.79	AV	97.00	100	Horizontal	Pass
2	5924.788	54.70	3.50	88.2	33.50	Peak	251.00	150	Horizontal	Pass
2**	5924.788	45.00	3.50	68.2	23.20	AV	251.00	150	Horizontal	Pass

U-NII-6 11ax20 (SU) High Channel



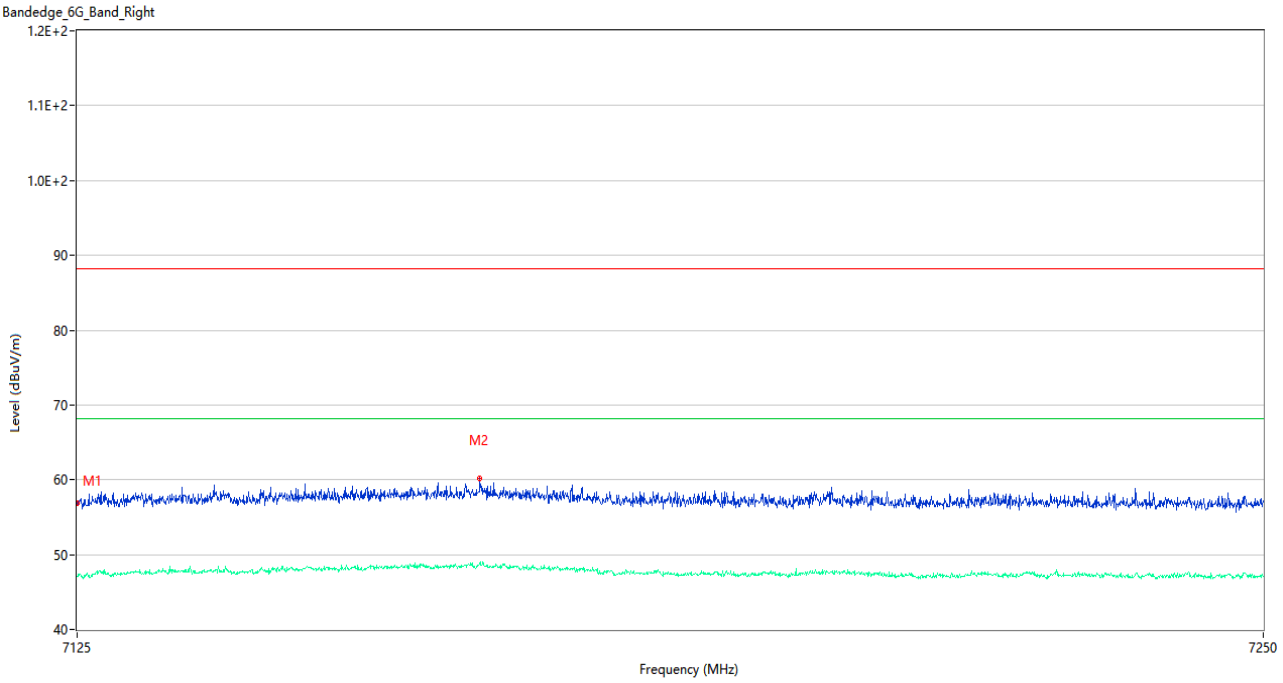
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	57.22	5.76	88.2	30.98	Peak	292.00	150	Horizontal	Pass
1**	7125.000	47.17	5.76	68.2	21.03	AV	292.00	150	Horizontal	Pass
2	7167.625	59.84	6.37	88.2	28.36	Peak	138.00	150	Horizontal	Pass
2**	7167.625	48.41	6.37	68.2	19.79	AV	138.00	150	Horizontal	Pass

U-NII-6 11ax40 (SU) High Channel



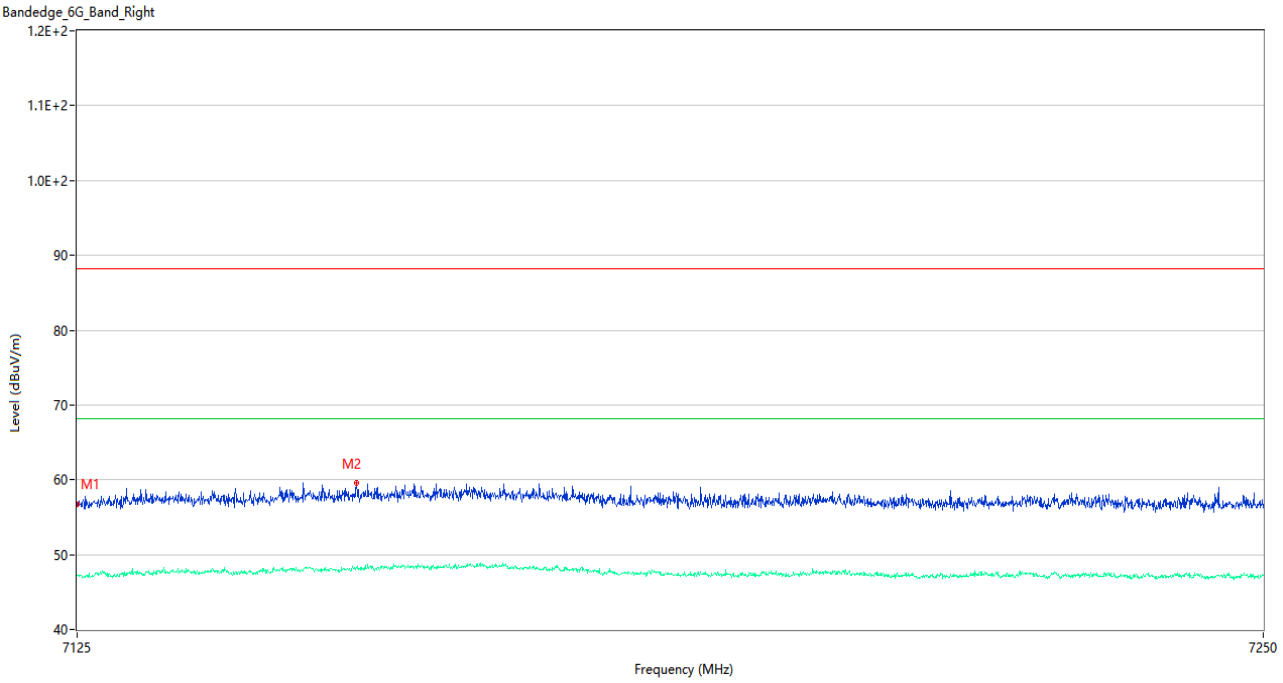
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	56.83	5.76	88.2	31.37	Peak	264.00	150	Horizontal	Pass
1**	7125.000	47.65	5.76	68.2	20.55	AV	264.00	150	Horizontal	Pass
2	7190.750	60.28	5.76	88.2	27.92	Peak	259.00	150	Horizontal	Pass
2**	7190.750	47.53	5.76	68.2	20.67	AV	259.00	150	Horizontal	Pass

U-NII-6 11ax80 (SU) Middle Channel



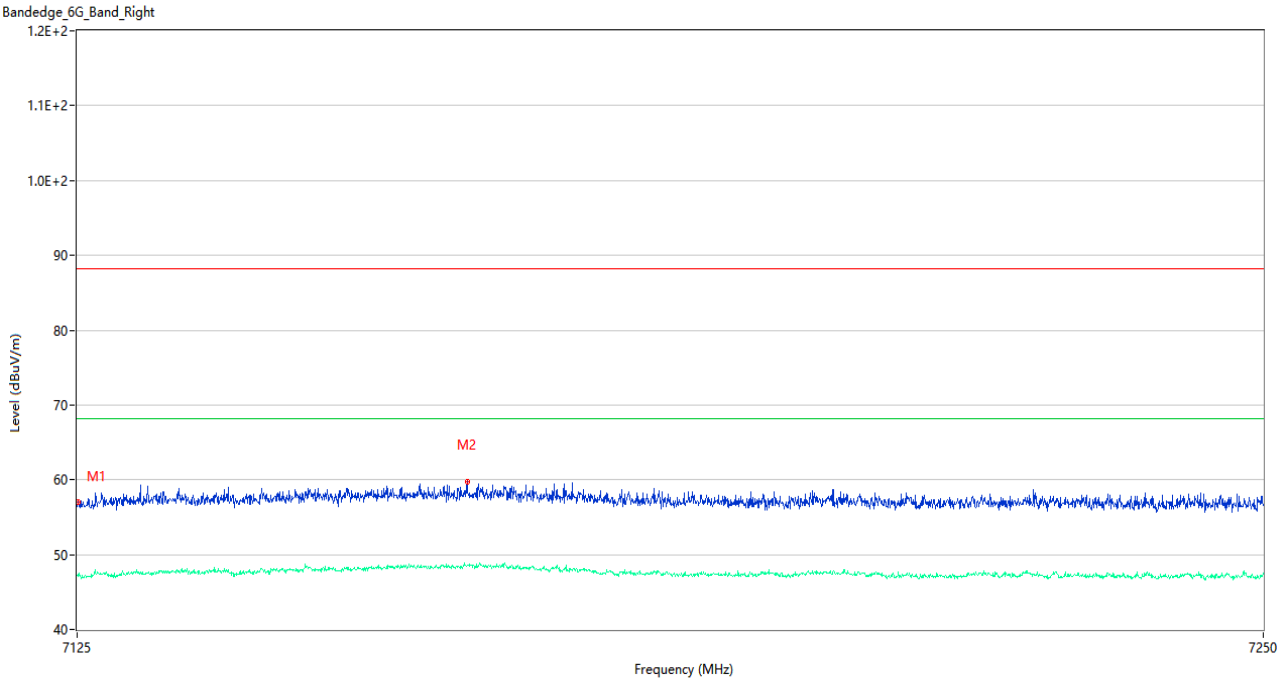
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	56.93	5.76	88.2	31.27	Peak	360.00	100	Horizontal	Pass
1**	7125.000	47.10	5.76	68.2	21.10	AV	360.00	100	Horizontal	Pass
2	7167.187	60.25	6.54	88.2	27.95	Peak	42.00	100	Horizontal	Pass
2**	7167.187	48.76	6.54	68.2	19.44	AV	42.00	100	Horizontal	Pass

U-NII-6 11ax20 (RU26) High Channel



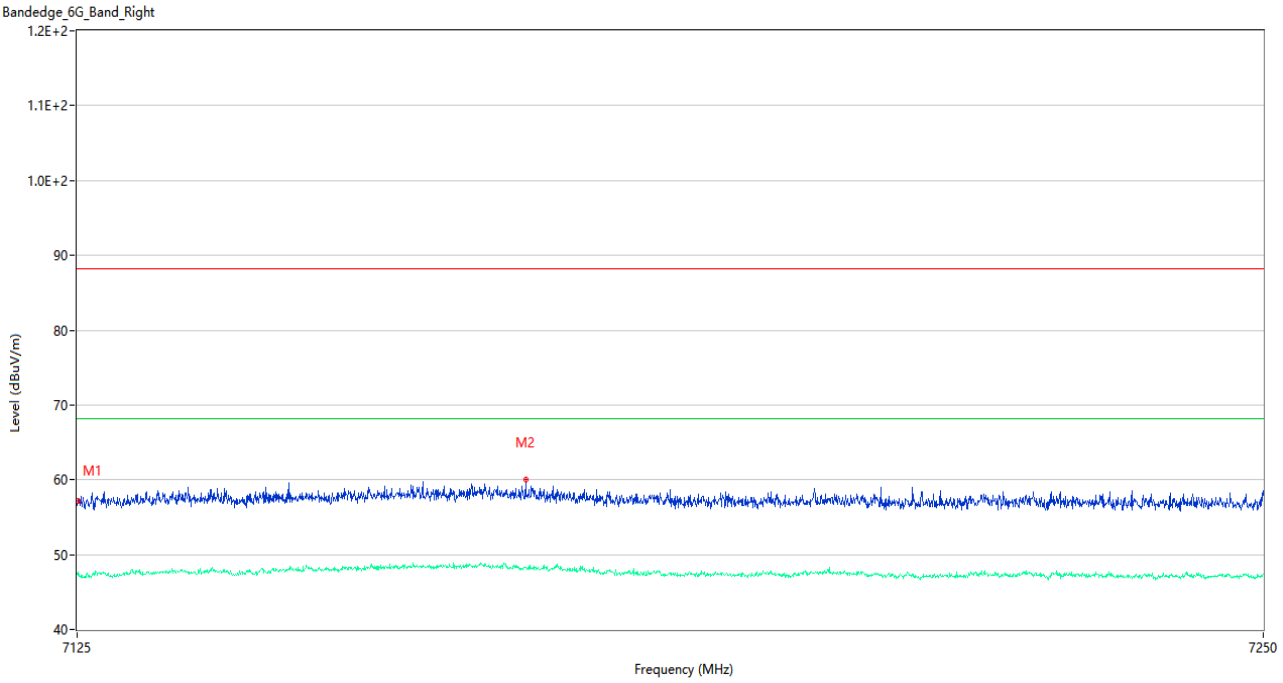
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.000	56.76	5.76	88.2	31.44	Peak	194.00	100	Horizontal	Pass
1**	7125.000	47.23	5.76	68.2	20.97	AV	194.00	100	Horizontal	Pass
2	7154.250	59.56	5.98	88.2	28.64	Peak	245.00	150	Horizontal	Pass
2**	7154.250	48.22	5.98	68.2	19.98	AV	245.00	150	Horizontal	Pass

U-NII-6 11ax40 (RU26) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	56.98	5.79	88.2	31.22	Peak	38.00	150	Horizontal	Pass
1**	7125.063	47.15	5.79	68.2	21.05	AV	38.00	150	Horizontal	Pass
2	7165.875	59.71	6.38	88.2	28.49	Peak	118.00	150	Horizontal	Pass
2**	7165.875	48.64	6.38	68.2	19.56	AV	118.00	150	Horizontal	Pass

U-NII-6 11ax80 (RU26) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7125.063	57.18	5.79	88.2	31.02	Peak	113.00	150	Horizontal	Pass
1**	7125.063	47.20	5.79	68.2	21.00	AV	113.00	150	Horizontal	Pass
2	7172.000	60.04	6.21	88.2	28.16	Peak	211.00	150	Horizontal	Pass
2**	7172.000	48.24	6.21	68.2	19.96	AV	211.00	150	Horizontal	Pass

A.7 Contention Based Protocol

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted ☐ Radiation	The Regulated Threshold Level = -62 dBm (assumes a 0 dBi receive antenna) and minimum antenna gain is 3.98 dBi. The Regulated Threshold Level = -62 dBm + G (3.98 dBi) = -58.02 dBm

Test Data

U-NII-5 (5925 MHz to 6425 MHz)								
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Measured Detection Level[Note1] (dBm)	EUT Tx Status[Note2]	Detection Rate	Regulated Threshold Level (dBm)	Verdict
802.11ax (HE20)	37	6135	6135	-61.12	OFF	100%	-58.02	Pass
				-61.62	Minimal	-		
				-82.00	ON	-		
802.11ax (HE80)	39	6145	6110	-61.17	OFF	90%	-58.02	Pass
				-61.67	Minimal	-		
				-82.00	ON	-		
			6145	-61.22	OFF	100%	-58.02	Pass
				-61.72	Minimal	-		
				-82.00	ON	-		
			6180	-61.03	OFF	100%	-58.02	Pass
				-61.53	Minimal	-		
				-82.00	ON	-		

Note1: The measurement detection level has taken into account the measurement path loss.

Note2: The AWGN level is reported for the following conditions:

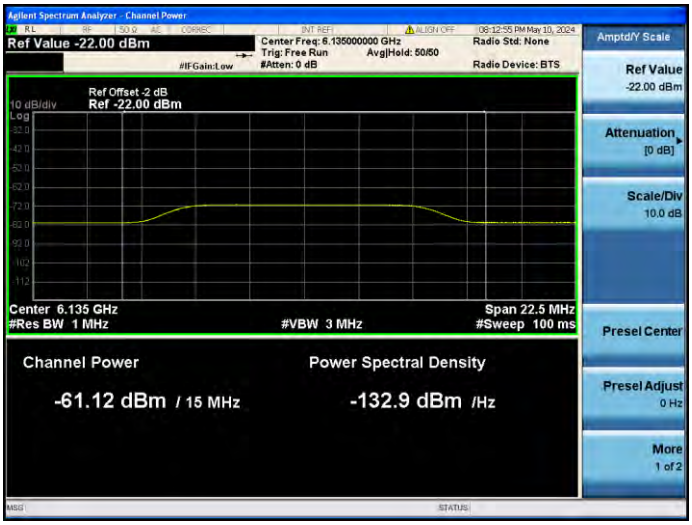
- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit			90%										
Operation Mode	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6135	6135	√	√	√	√	√	√	√	√	√	√	100%	Pass
802.11ax (HE80)	6145	6110	√	√	√	√	√	√	√	X	√	√	90%	Pass
		6145	√	√	√	√	√	√	√	√	√	√	100%	Pass
		6180	√	√	√	√	√	√	√	√	√	√	100%	Pass

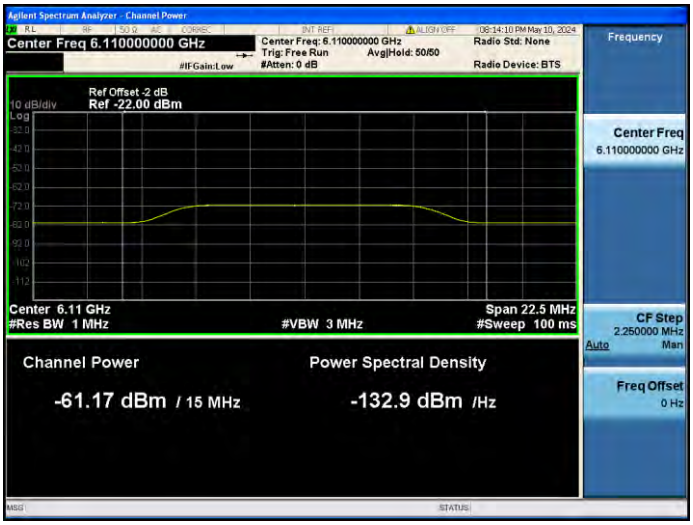
Test Plots

Plots of Incumbent signal(AWGN) Level

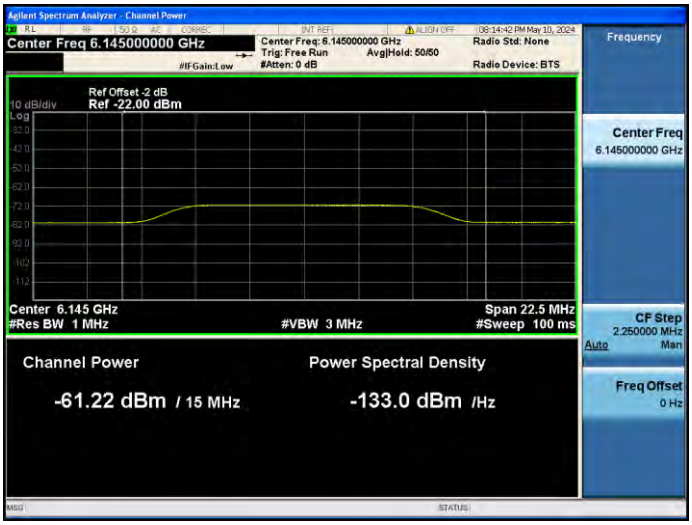
802.11ax (HE20)-Channel 37



802.11ax (HE80)-Channel 39 (Low Edge)



802.11ax (HE80)-Channel 39 (Middle Edge)



802.11ax (HE80)-Channel 39 (High Edge)

Plots of EUT Tx waveform

802.11ax (HE20)-Channel 37

802.11ax (HE80)-Channel 39 (Low Edge)

802.11ax (HE80)-Channel 39 (Middle Edge)

802.11ax (HE80)-Channel 39 (High Edge)

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted ☐ Radiation	The Regulated Threshold Level = -62 dBm (assumes a 0 dBi receive antenna) and minimum antenna gain is 3.57 dBi. The Regulated Threshold Level = -62 dBm + G (3.57 dBi) = -58.43 dBm

Test Data

U-NII-6 (6425 MHz to 6525 MHz)								
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Measured Detection Level[Note1] (dBm)	EUT Tx Status[Note2]	Detection Rate	Regulated Threshold Level (dBm)	Verdict
802.11ax (HE20)	97	6435	6435	-61.91	OFF	100%	-58.43	Pass
				-62.41	Minimal	-		
				-82.00	ON	-		
802.11ax (HE80)	103	6465	6430	-61.93	OFF	100%	-58.43	Pass
				-62.43	Minimal	-		
				-82.00	ON	-		
			6465	-61.85	OFF	90%	-58.43	Pass
				-62.35	Minimal	-		
				-82.00	ON	-		
			6500	-62.28	OFF	100%	-58.43	Pass
				-62.78	Minimal	-		
				-82.00	ON	-		

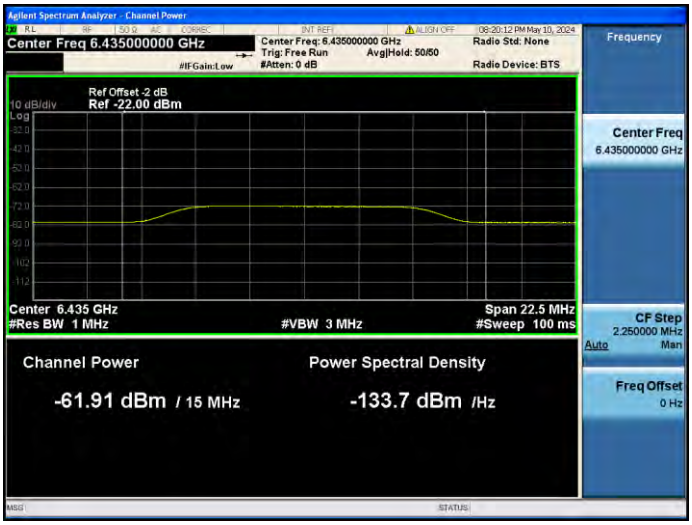
Note1: The measurement detection level has taken into account the measurement path loss.
Note2: The AWGN level is reported for the following conditions:
- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate														
Detection Limit			90%											
Operation Mode	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6435	6435	√	√	√	√	√	√	√	√	√	√	100%	Pass
802.11ax (HE80)	6465	6430	√	√	√	√	√	√	√	√	√	√	100%	Pass
		6465	√	√	√	√	√	√	√	√	X	√	90%	Pass
		6500	√	√	√	√	√	√	√	√	√	√	100%	Pass

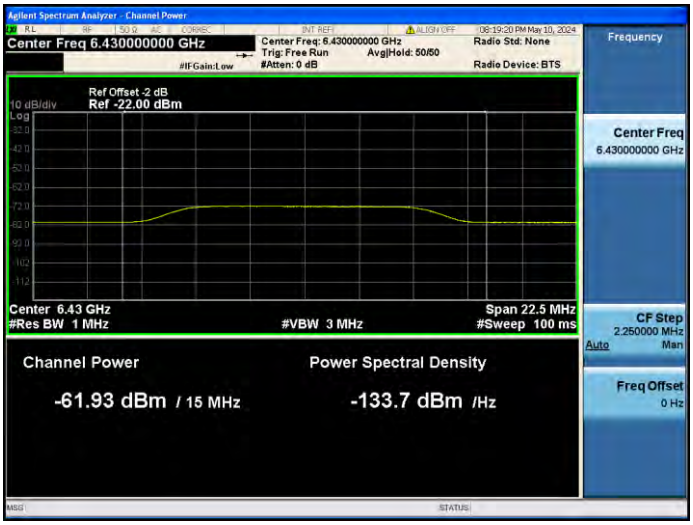
Test Plots

Plots of Incumbent signal(AWGN) Level

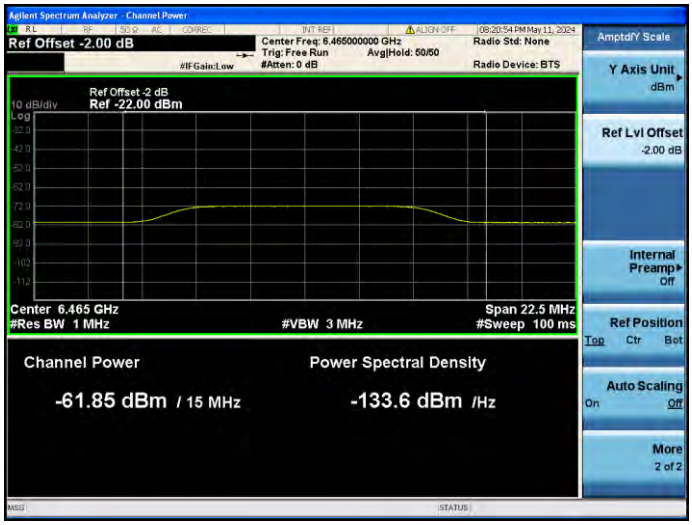
802.11ax (HE20)-Channel 97



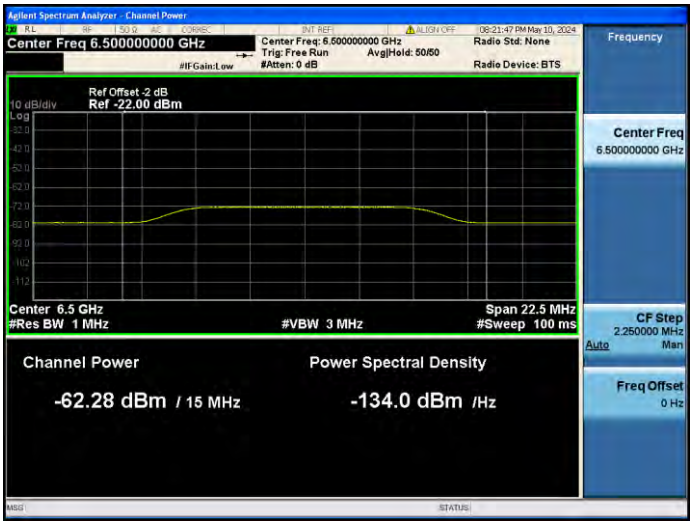
802.11ax (HE80)-Channel 103 (Low Edge)



802.11ax (HE80)-Channel 103 (Middle Edge)



802.11ax (HE80)-Channel 103 (High Edge)

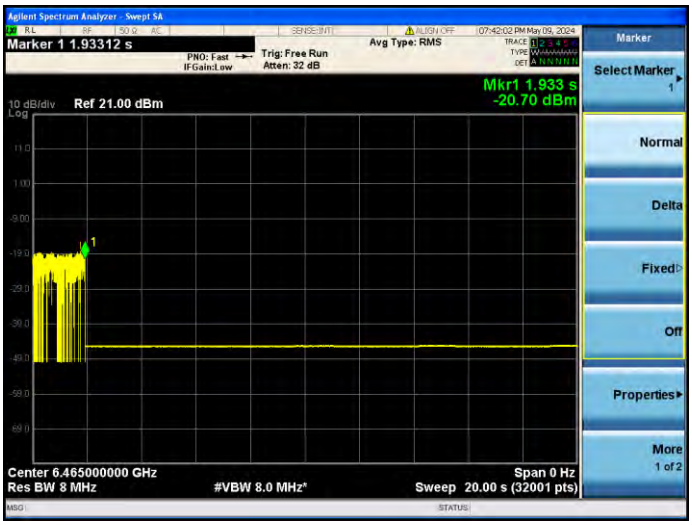


Plots of EUT Tx waveform

802.11ax (HE20)-Channel 97

802.11ax (HE80)-Channel 103 (Low Edge)

802.11ax (HE80)-Channel 103 (Middle Edge)



802.11ax (HE80)-Channel 103 (High Edge)

A.8 In-Band Emissions

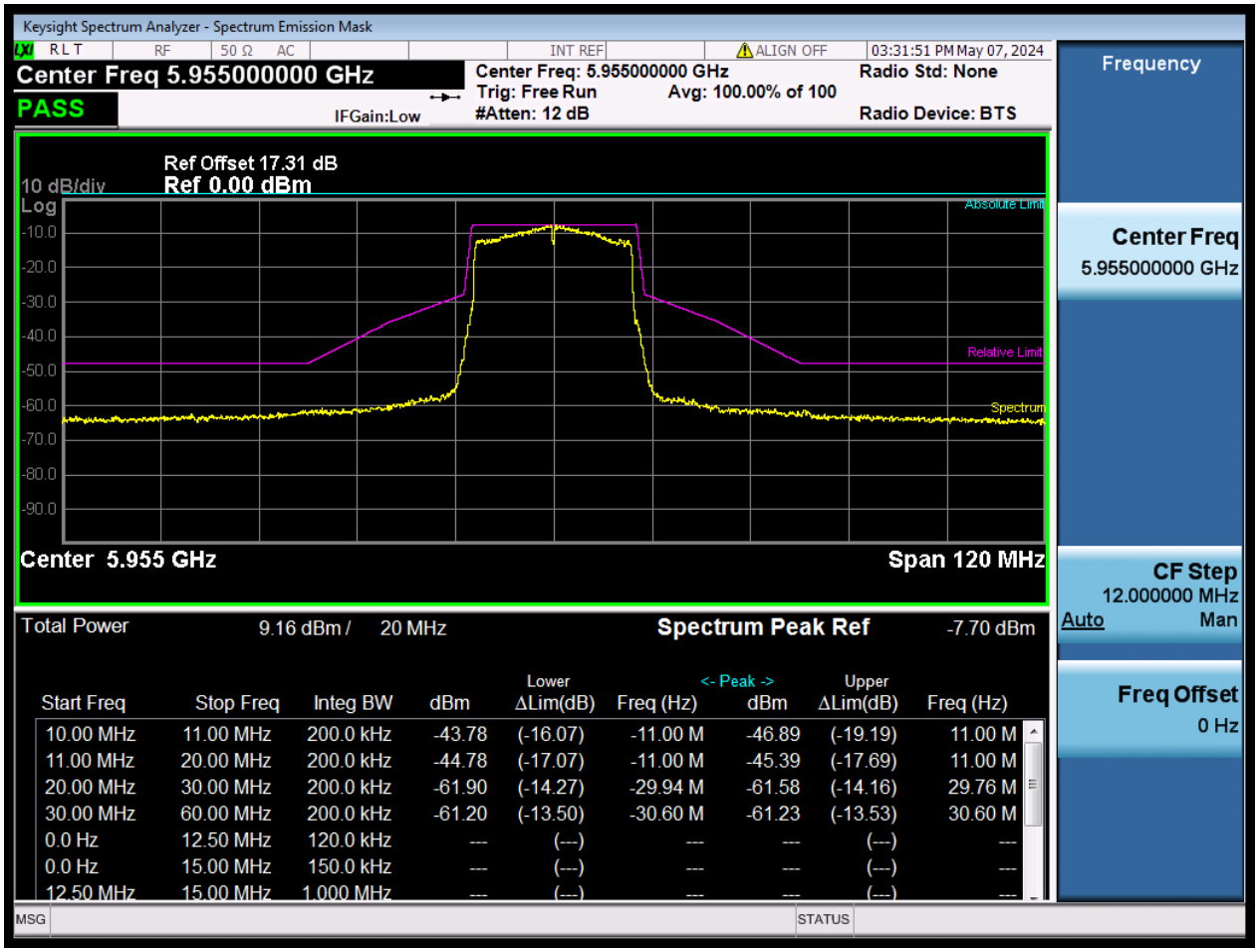
Note [1]: All antenna were tested, but only the worst case has been reported in this report.

Note [2]: All the configurations were pre tested, only the worst configuration has been reported in this report.

SISO-Antenna 1

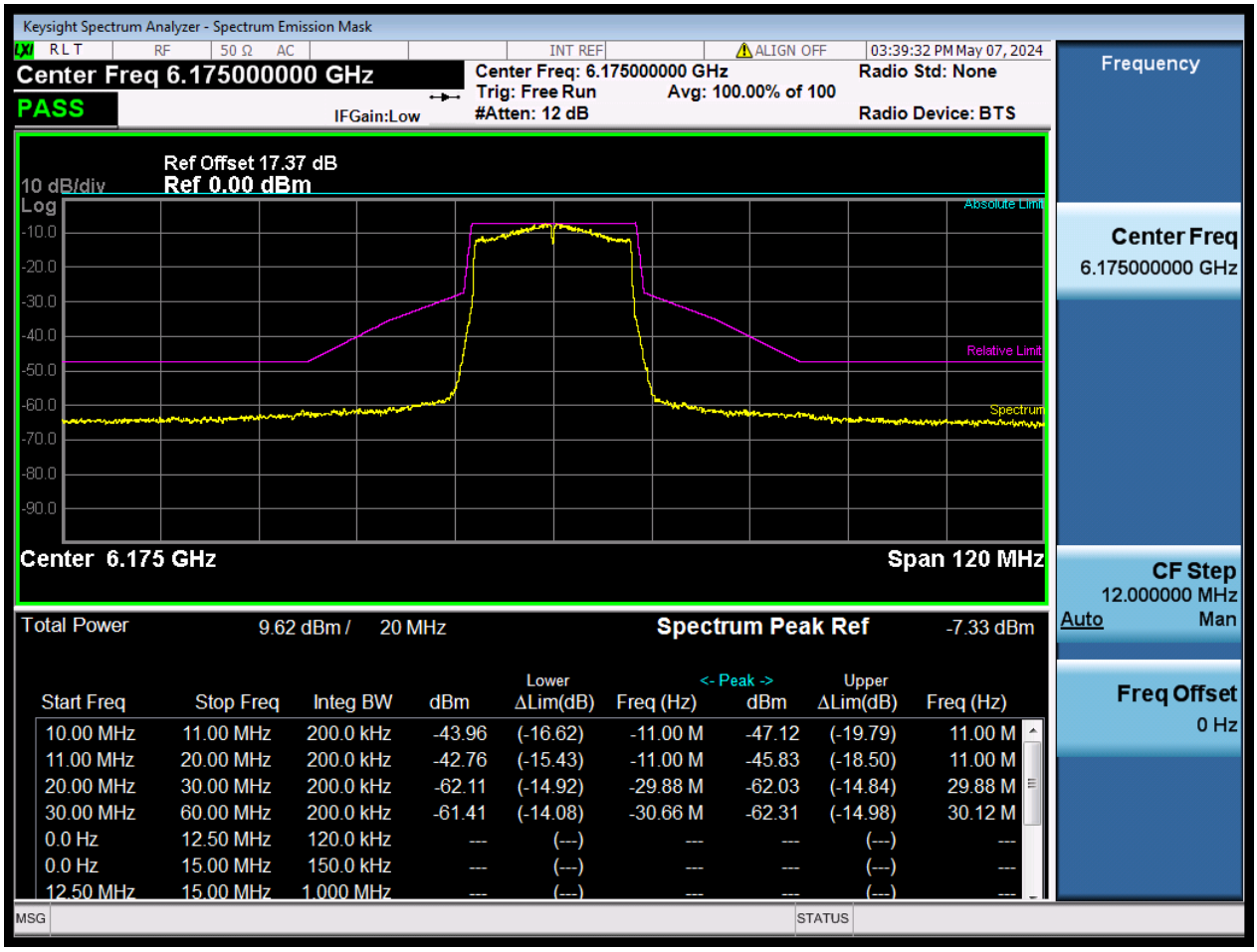
Test Data and Plots

11ax20 (SU), U-NII-5, Low Channel



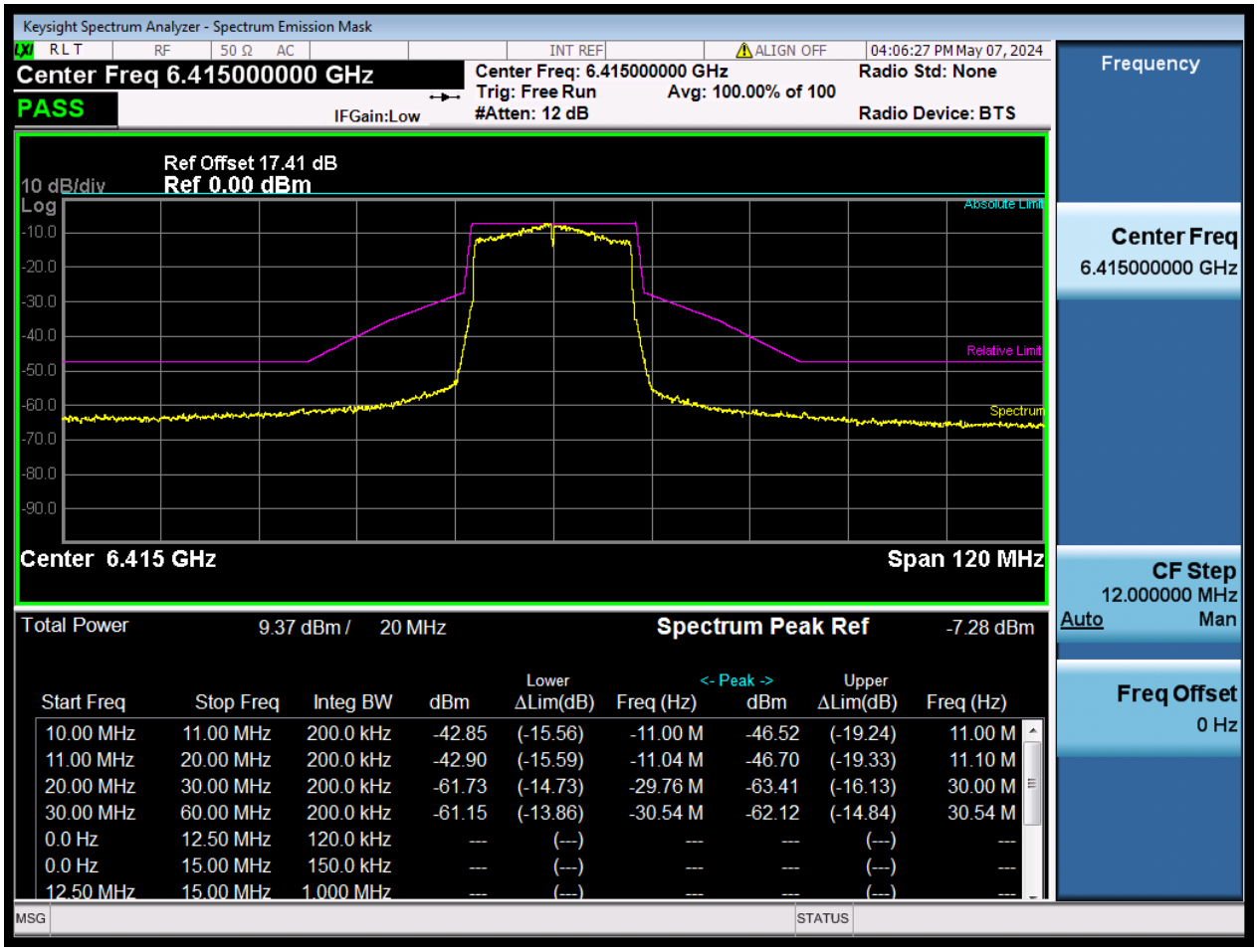
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.6	5924.4	-53.5	-61.2	13.5	Pass
-30	-20	0.2	-29.94	5925.06	-54.2	-61.9	14.27	Pass
-20	-11	0.2	-11	5944	-37.07	-44.78	17.07	Pass
-11	-10	0.2	-11	5944	-36.07	-43.78	16.07	Pass
10	11	0.2	11	5966	-39.19	-46.89	19.19	Pass
11	20	0.2	11	5966	-37.69	-45.39	17.69	Pass
20	30	0.2	29.76	5984.76	-53.88	-61.58	14.16	Pass
30	60	0.2	30.6	5985.6	-53.53	-61.23	13.53	Pass

11ax20 (SU), U-NII-5, Middle Channel



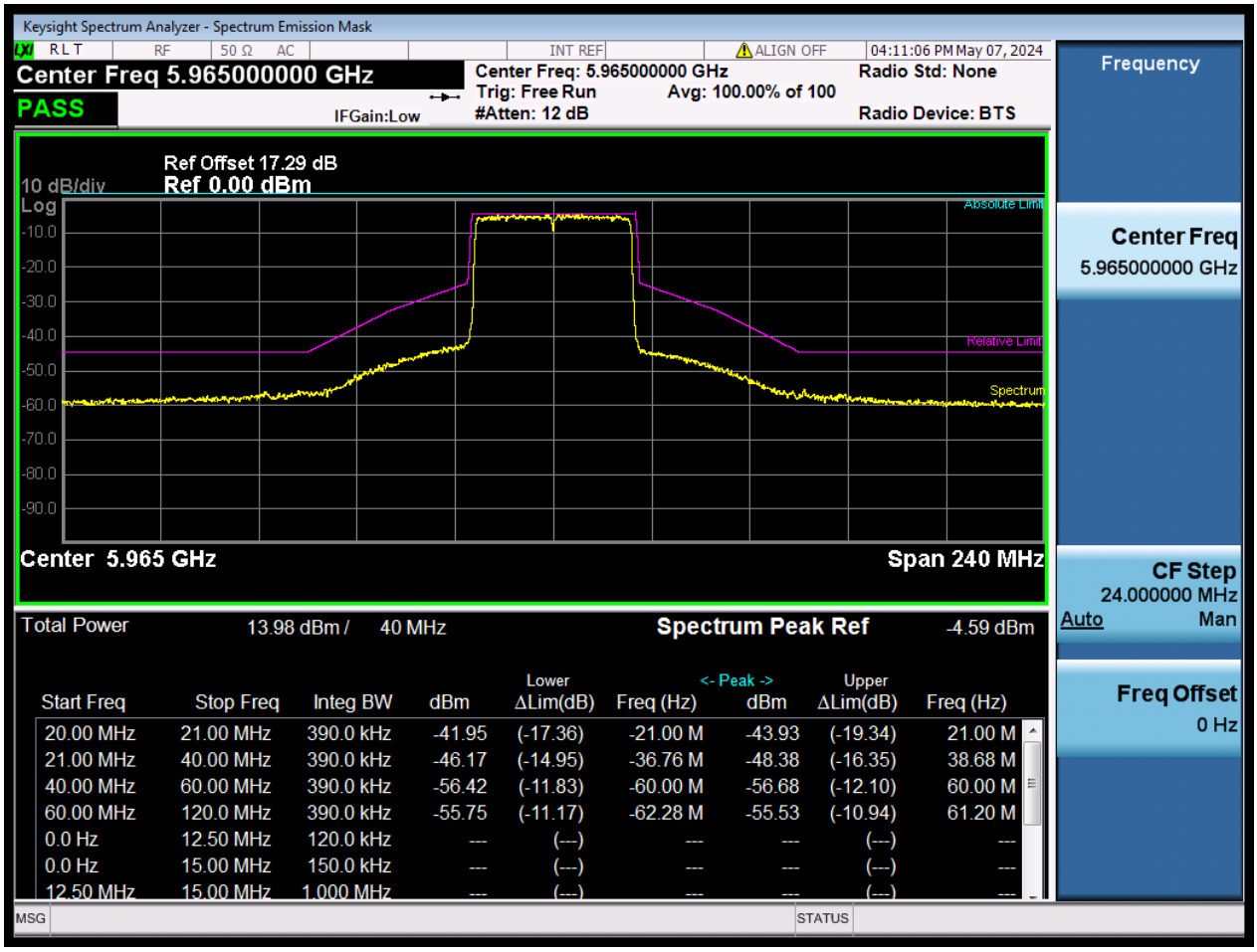
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.66	6144.34	-54.08	-61.41	14.08	Pass
-30	-20	0.2	-29.88	6145.12	-54.78	-62.11	14.92	Pass
-20	-11	0.2	-11	6164	-35.43	-42.76	15.43	Pass
-11	-10	0.2	-11	6164	-36.62	-43.96	16.62	Pass
10	11	0.2	11	6186	-39.79	-47.12	19.79	Pass
11	20	0.2	11	6186	-38.5	-45.83	18.5	Pass
20	30	0.2	29.88	6204.88	-54.7	-62.03	14.84	Pass
30	60	0.2	30.12	6205.12	-54.98	-62.31	14.98	Pass

11ax20 (SU), U-NII-5, High Channel



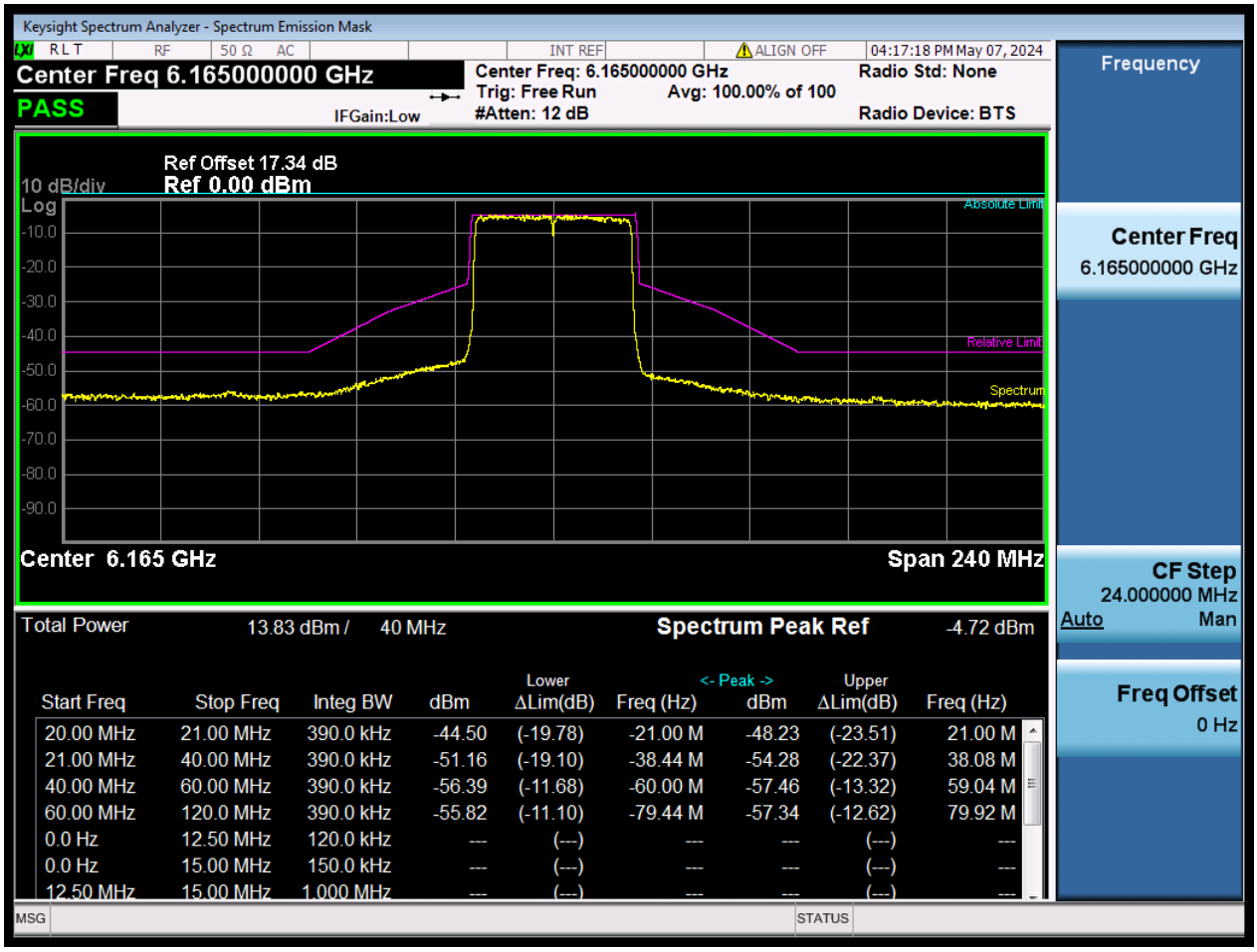
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.54	6384.46	-53.86	-61.15	13.86	Pass
-30	-20	0.2	-29.76	6385.24	-54.44	-61.73	14.73	Pass
-20	-11	0.2	-11.04	6403.96	-35.62	-42.9	15.59	Pass
-11	-10	0.2	-11	6404	-35.56	-42.85	15.56	Pass
10	11	0.2	11	6426	-39.24	-46.52	19.24	Pass
11	20	0.2	11.1	6426.1	-39.42	-46.7	19.33	Pass
20	30	0.2	30	6445	-56.13	-63.41	16.13	Pass
30	60	0.2	30.54	6445.54	-54.84	-62.12	14.84	Pass

11ax40 (SU), U-NII-5, Low Channel



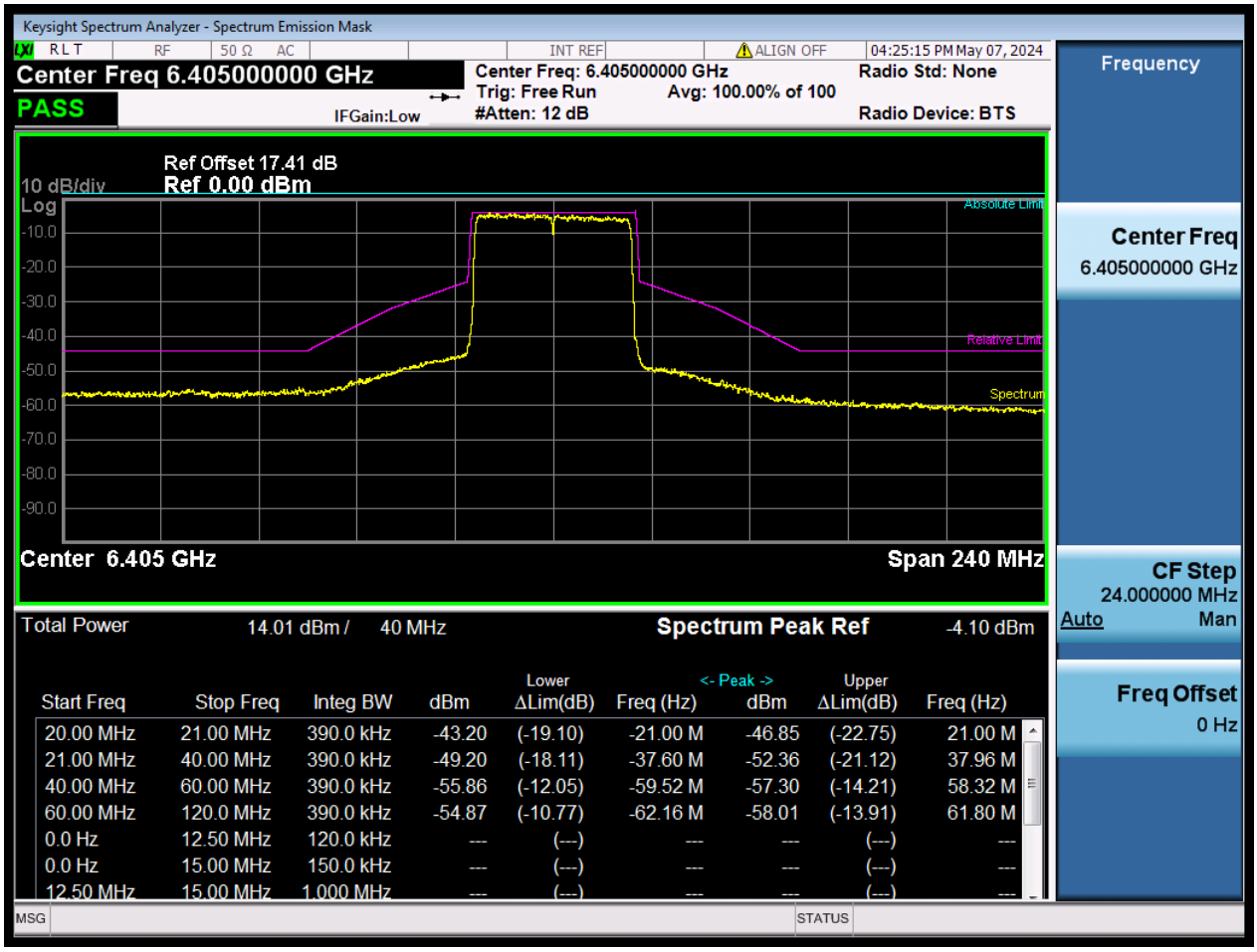
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.4	-62.28	5902.72	-51.17	-55.75	11.17	Pass
-60	-40	0.4	-60	5905	-51.83	-56.42	11.83	Pass
-40	-21	0.4	-36.761619	5928.238381	-41.58	-46.17	14.95	Pass
-21	-20	0.4	-21	5944	-37.36	-41.95	17.36	Pass
20	21	0.4	21	5986	-39.34	-43.93	19.34	Pass
21	40	0.4	38.68066	6003.68066	-43.79	-48.38	16.35	Pass
40	60	0.4	60	6025	-52.1	-56.68	12.1	Pass
60	120	0.4	61.2	6026.2	-50.94	-55.53	10.94	Pass

11ax40 (SU), U-NII-5, Middle Channel



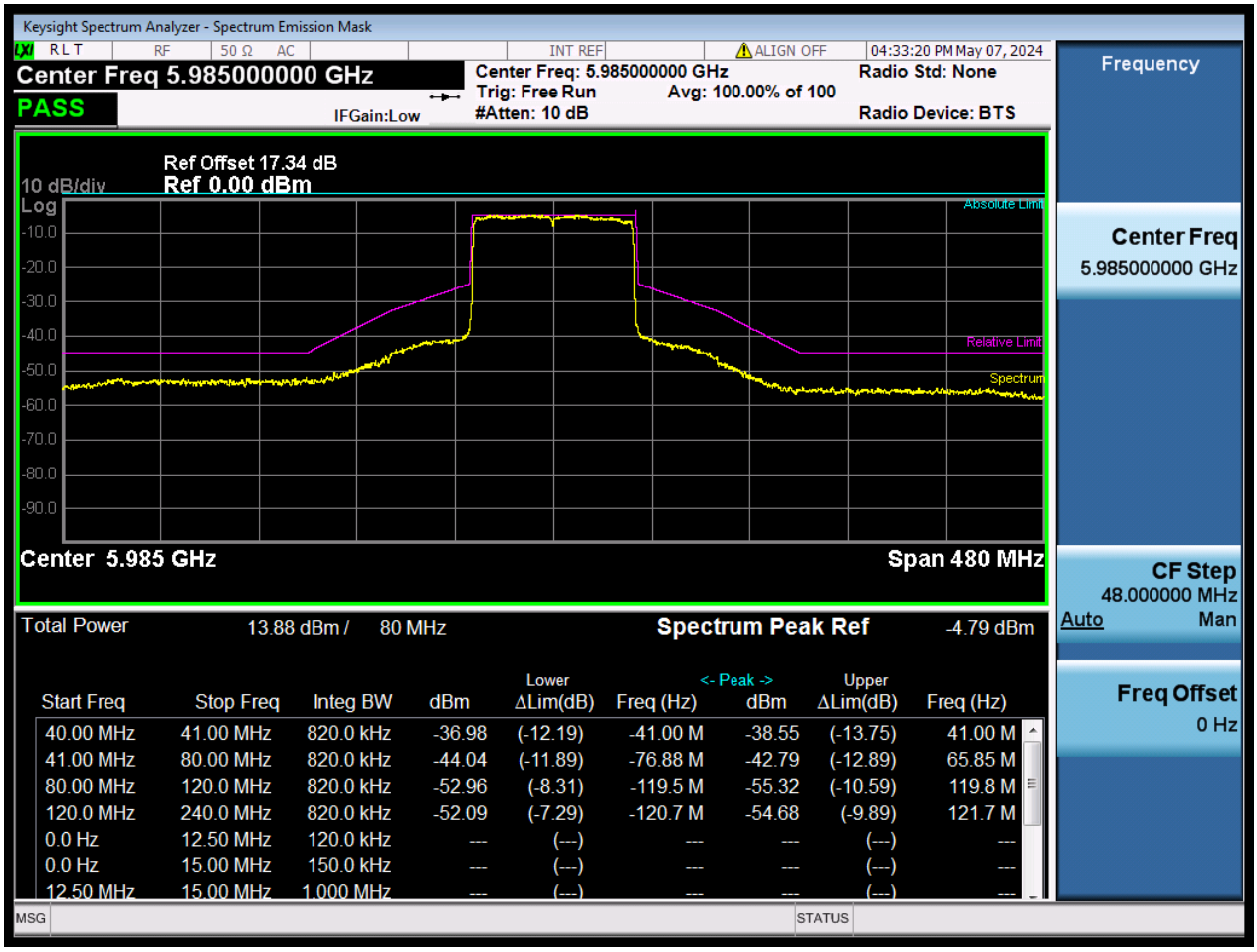
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.4	-79.44	6085.56	-51.1	-55.82	11.1	Pass
-60	-40	0.4	-60	6105	-51.68	-56.39	11.68	Pass
-40	-21	0.4	-38.44078	6126.55922	-46.44	-51.16	19.1	Pass
-21	-20	0.4	-21	6144	-39.78	-44.5	19.78	Pass
20	21	0.4	21	6186	-43.51	-48.23	23.51	Pass
21	40	0.4	38.08096	6203.08096	-49.56	-54.28	22.37	Pass
40	60	0.4	59.04	6224.04	-52.74	-57.46	13.32	Pass
60	120	0.4	79.92	6244.92	-52.62	-57.34	12.62	Pass

11ax40 (SU), U-NII-5, High Channel



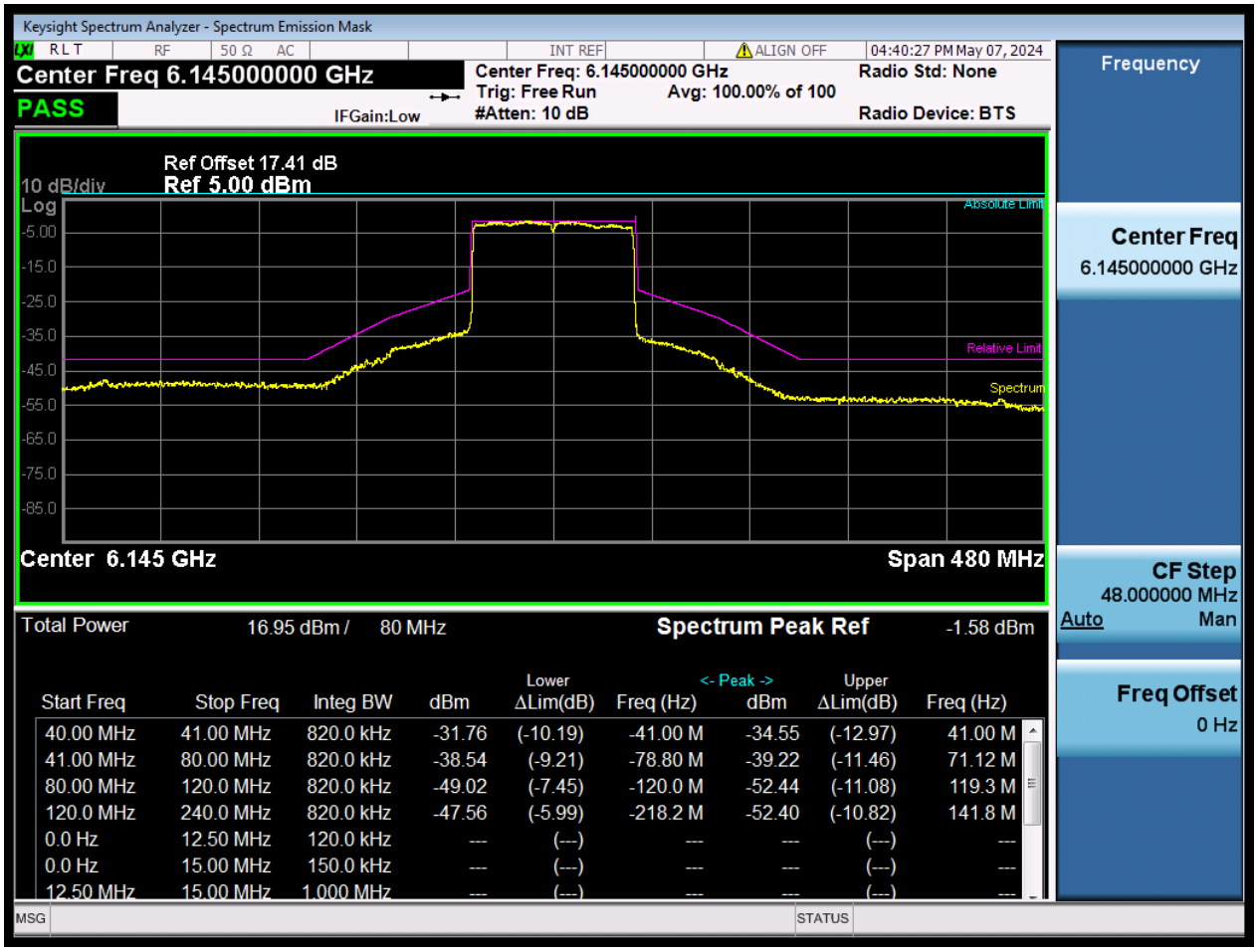
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.4	-62.16	6342.84	-50.77	-54.87	10.77	Pass
-60	-40	0.4	-59.52	6345.48	-51.76	-55.86	12.05	Pass
-40	-21	0.4	-37.601199	6367.398801	-45.1	-49.2	18.11	Pass
-21	-20	0.4	-21	6384	-39.1	-43.2	19.1	Pass
20	21	0.4	21	6426	-42.75	-46.85	22.75	Pass
21	40	0.4	37.961019	6442.961019	-48.26	-52.36	21.12	Pass
40	60	0.4	58.32	6463.32	-53.2	-57.3	14.21	Pass
60	120	0.4	61.8	6466.8	-53.91	-58.01	13.91	Pass

11ax80 (SU), U-NII-5, Low Channel



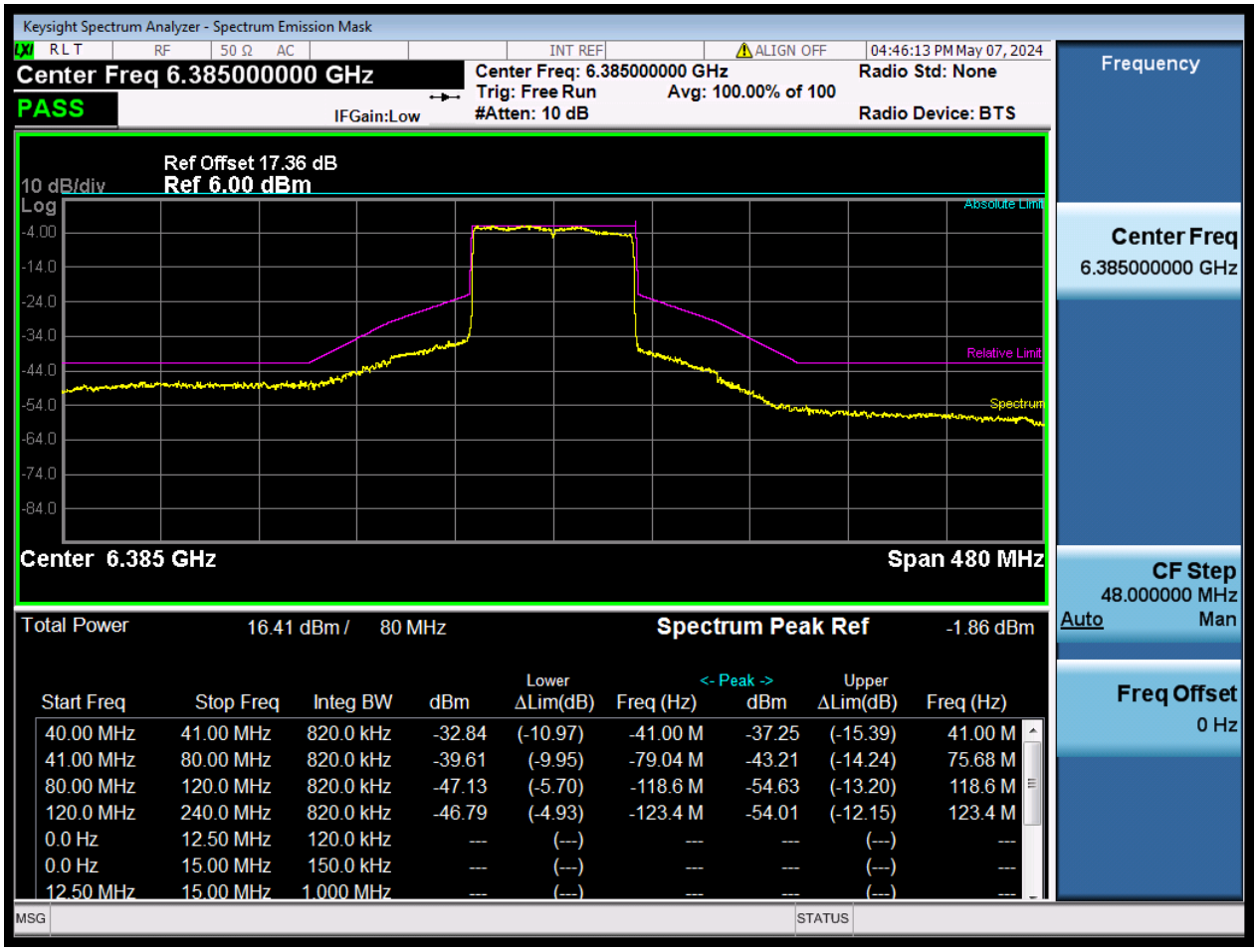
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-240	-120	0.8	-120.72	5864.28	-47.29	-52.09	7.29	Pass
-120	-80	0.8	-119.52	5865.48	-48.16	-52.96	8.31	Pass
-80	-41	0.8	-76.881559	5908.118441	-39.25	-44.04	11.89	Pass
-41	-40	0.8	-41	5944	-32.19	-36.98	12.19	Pass
40	41	0.8	41	6026	-33.75	-38.55	13.75	Pass
41	80	0.8	65.847076	6050.847076	-37.99	-42.79	12.89	Pass
80	120	0.8	119.76	6104.76	-50.52	-55.32	10.59	Pass
120	240	0.8	121.68	6106.68	-49.89	-54.68	9.89	Pass

11ax80 (SU), U-NII-5, Middle Channel



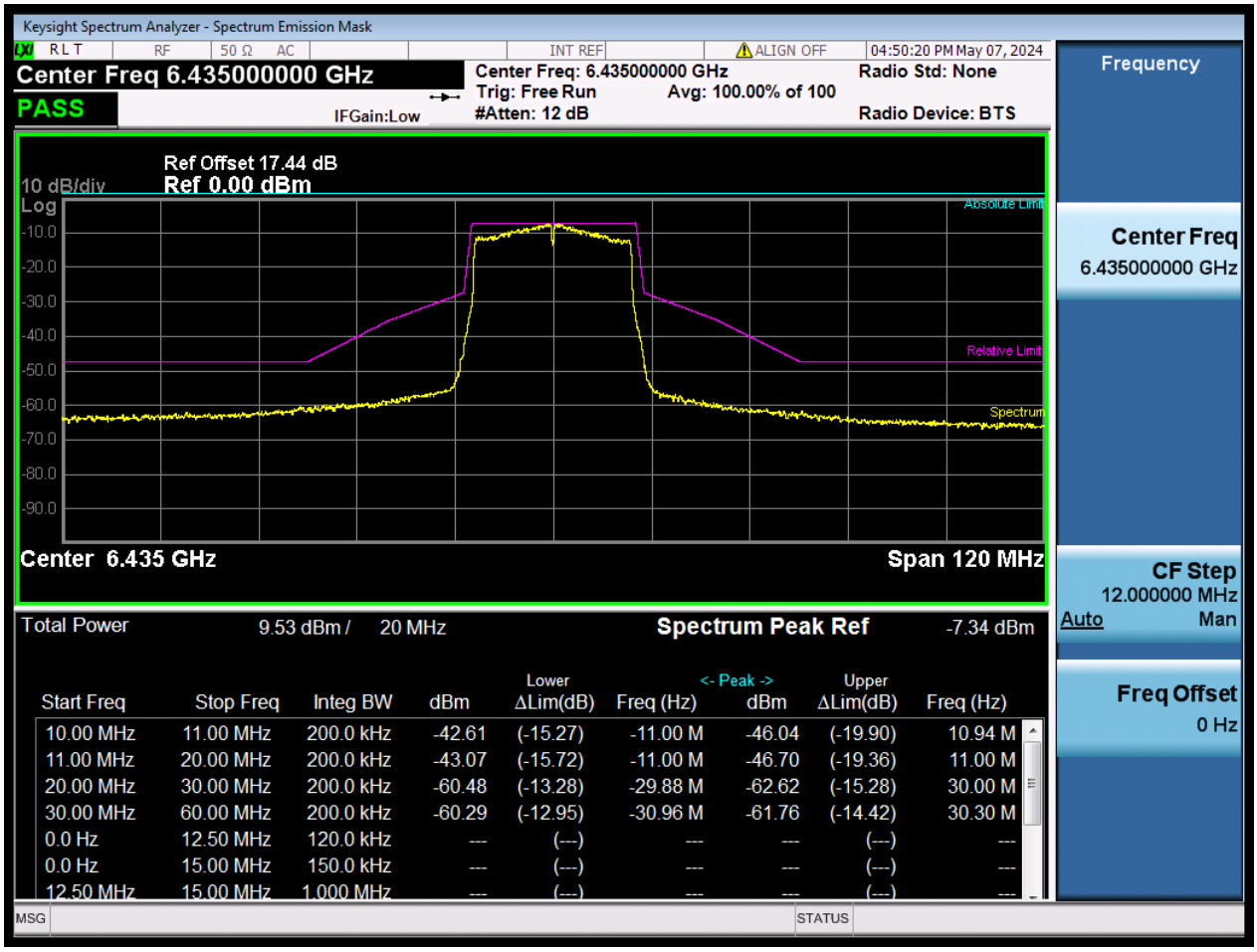
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-240	-120	0.8	-218.16	5926.84	-45.99	-47.56	5.99	Pass
-120	-80	0.8	-120	6025	-47.45	-49.02	7.45	Pass
-80	-41	0.8	-78.8006	6066.1994	-36.97	-38.54	9.21	Pass
-41	-40	0.8	-41	6104	-30.19	-31.76	10.19	Pass
40	41	0.8	41	6186	-32.97	-34.55	12.97	Pass
41	80	0.8	71.124438	6216.124438	-37.64	-39.22	11.46	Pass
80	120	0.8	119.28	6264.28	-50.86	-52.44	11.08	Pass
120	240	0.8	141.84	6286.84	-50.82	-52.4	10.82	Pass

11ax80 (SU), U-NII-5, High Channel



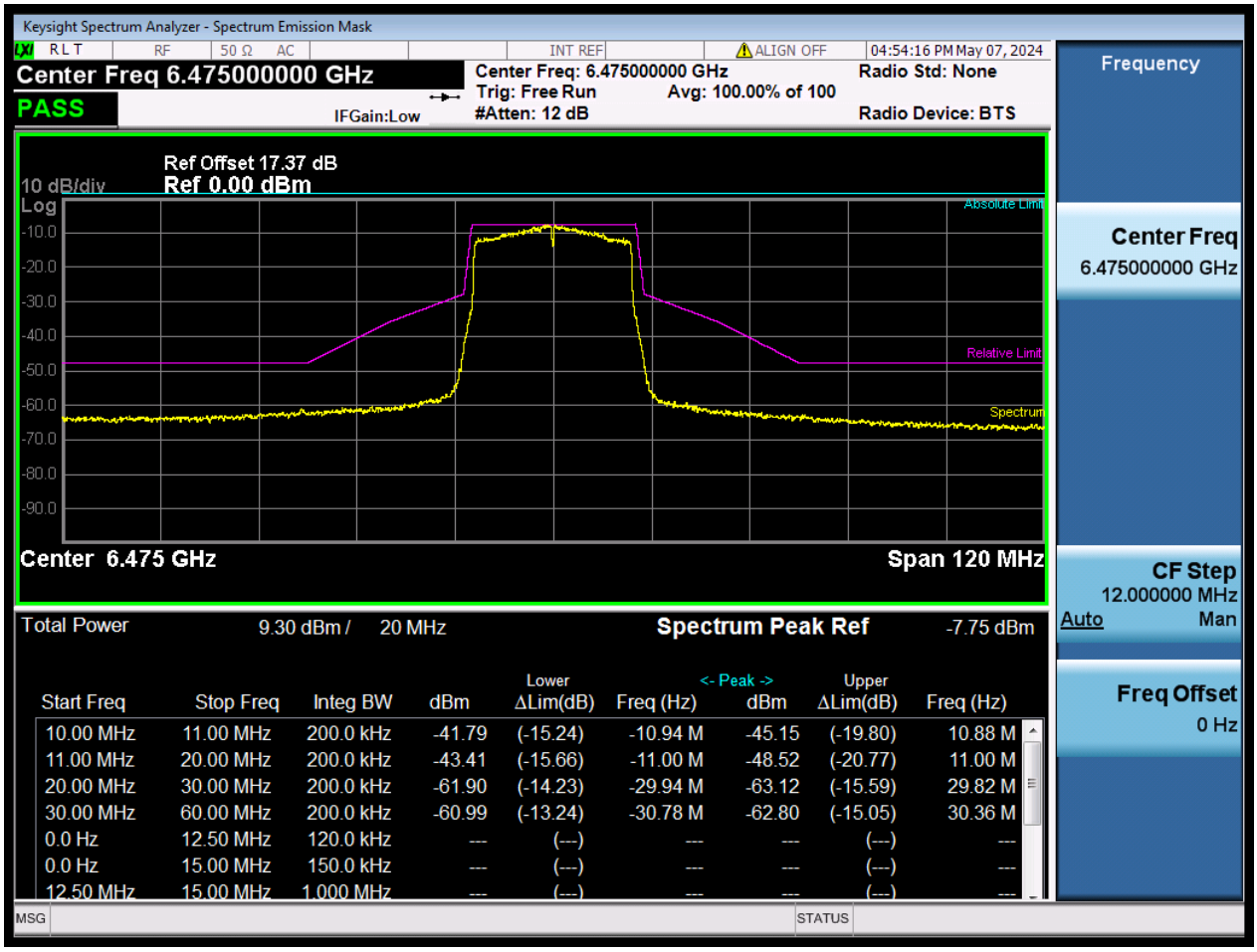
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-240	-120	0.8	-123.36	6261.64	-44.93	-46.79	4.93	Pass
-120	-80	0.8	-118.56	6266.44	-45.27	-47.13	5.7	Pass
-80	-41	0.8	-79.04048	6305.95952	-37.75	-39.61	9.95	Pass
-41	-40	0.8	-41	6344	-30.97	-32.84	10.97	Pass
40	41	0.8	41	6426	-35.39	-37.25	15.39	Pass
41	80	0.8	75.682159	6460.682159	-41.35	-43.21	14.24	Pass
80	120	0.8	118.56	6503.56	-52.77	-54.63	13.2	Pass
120	240	0.8	123.36	6508.36	-52.15	-54.01	12.15	Pass

11ax20 (SU), U-NII-6, Low Channel



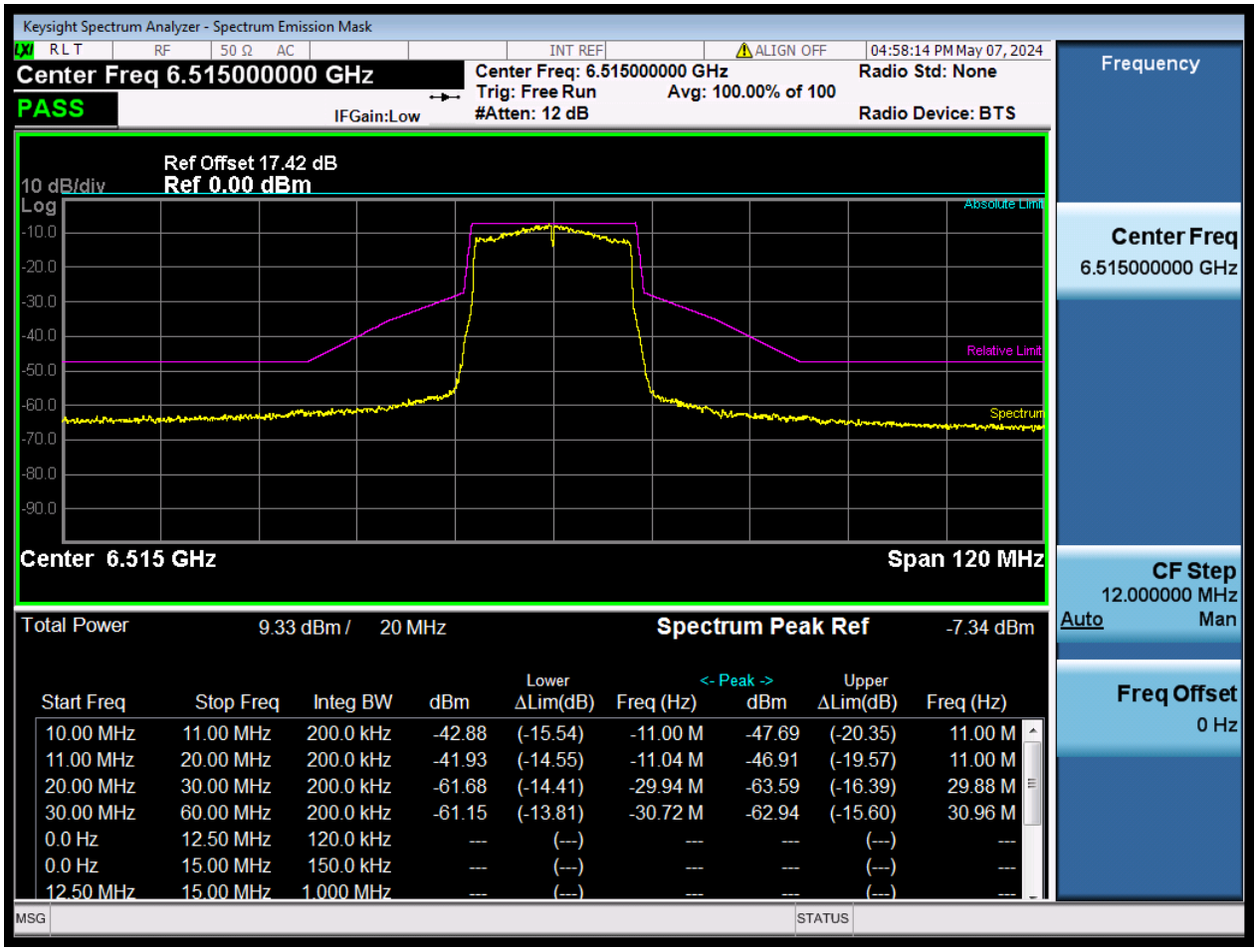
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.96	6404.04	-52.95	-60.29	12.95	Pass
-30	-20	0.2	-29.88	6405.12	-53.14	-60.48	13.28	Pass
-20	-11	0.2	-11	6424	-35.72	-43.07	15.72	Pass
-11	-10	0.2	-11	6424	-35.27	-42.61	15.27	Pass
10	11	0.2	10.940055	6445.940054	-38.7	-46.04	19.9	Pass
11	20	0.2	11	6446	-39.36	-46.7	19.36	Pass
20	30	0.2	30	6465	-55.28	-62.62	15.28	Pass
30	60	0.2	30.3	6465.3	-54.42	-61.76	14.42	Pass

11ax20 (SU), U-NII-6, Middle Channel



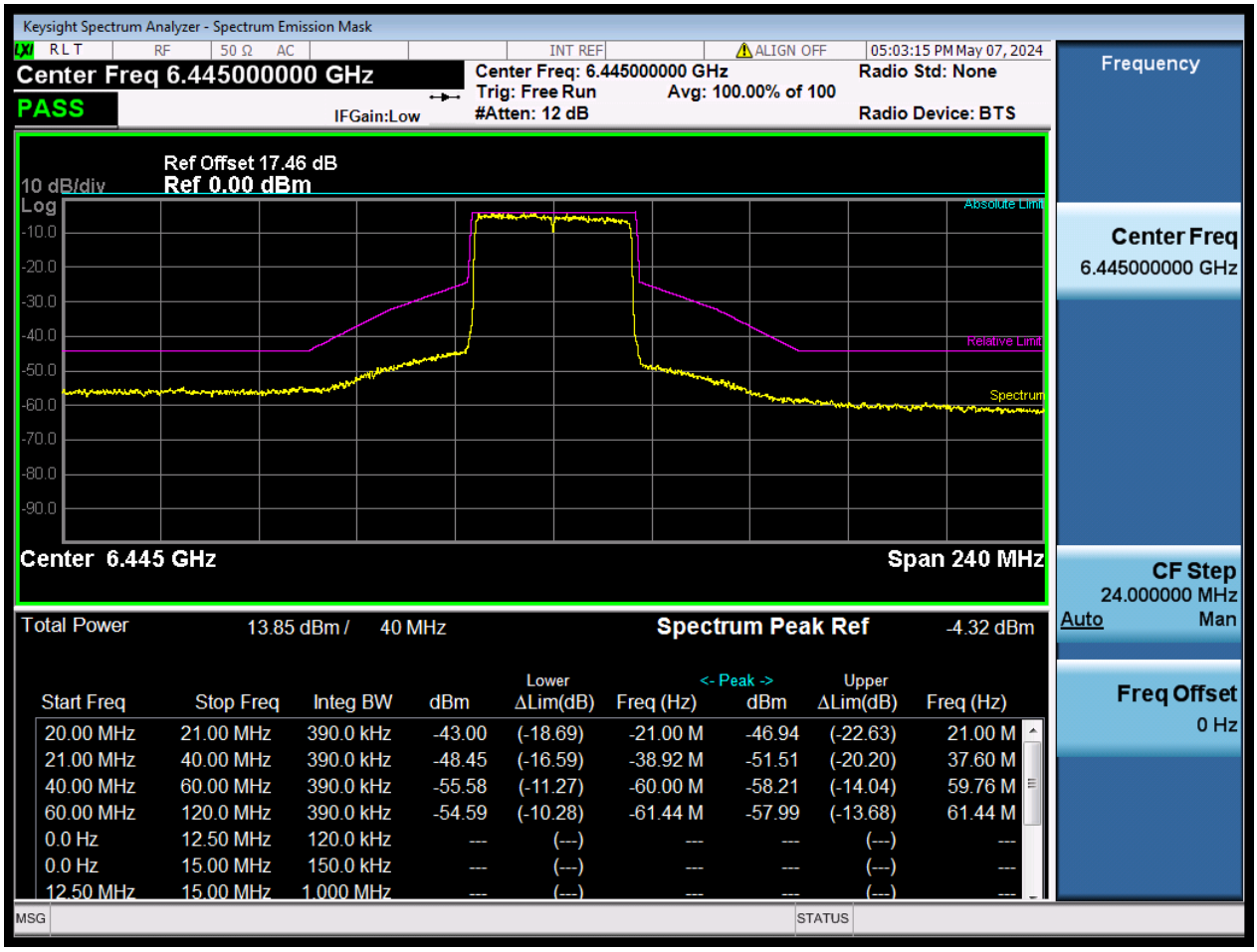
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.78	6444.22	-53.24	-60.99	13.24	Pass
-30	-20	0.2	-29.94	6445.06	-54.15	-61.9	14.23	Pass
-20	-11	0.2	-11	6464	-35.66	-43.41	15.66	Pass
-11	-10	0.2	-10.940055	6464.059946	-34.04	-41.79	15.24	Pass
10	11	0.2	10.880109	6485.880109	-37.4	-45.15	19.8	Pass
11	20	0.2	11	6486	-40.77	-48.52	20.77	Pass
20	30	0.2	29.82	6504.82	-55.37	-63.12	15.59	Pass
30	60	0.2	30.36	6505.36	-55.05	-62.8	15.05	Pass

11ax20 (SU), U-NII-6, High Channel



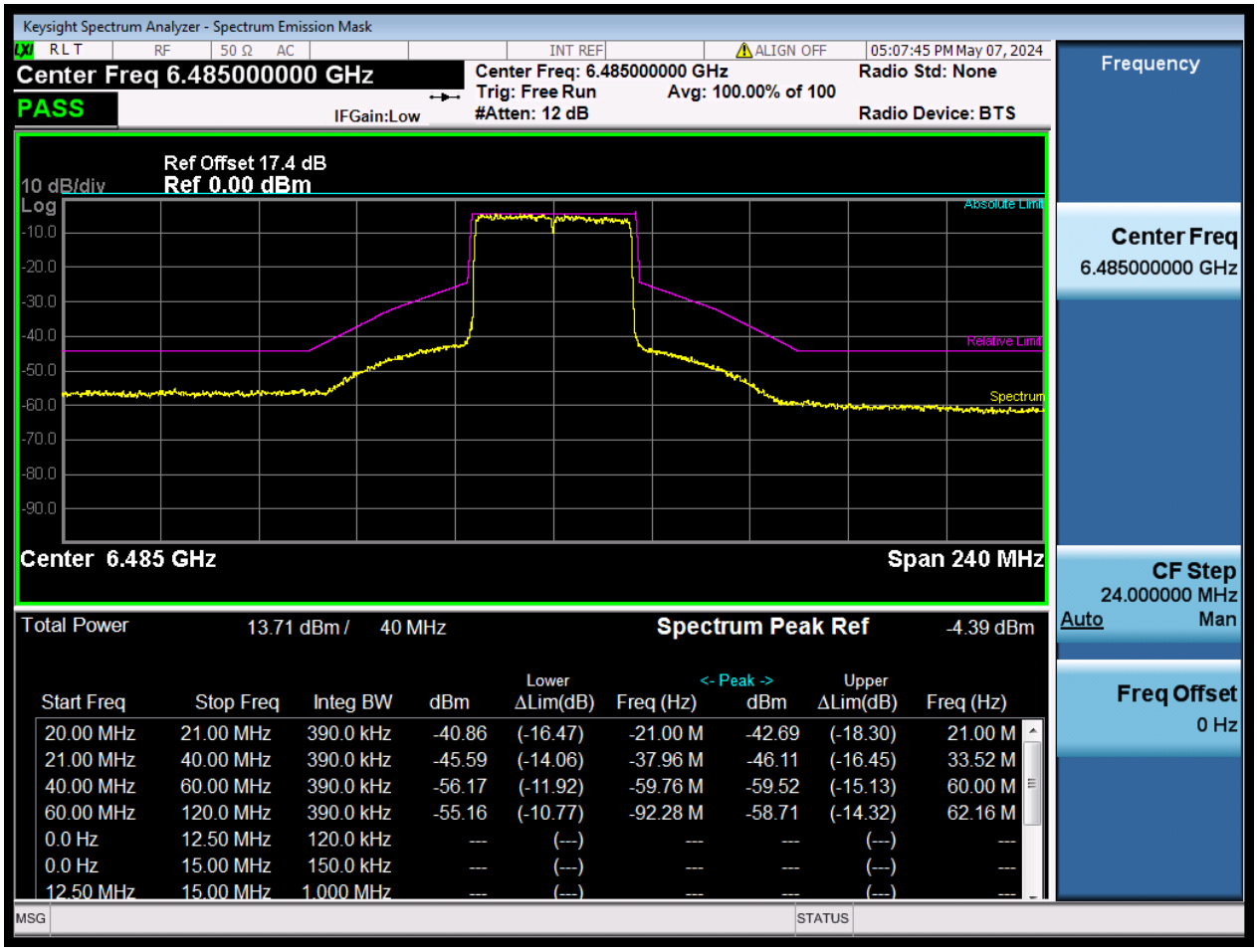
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.72	6484.28	-53.81	-61.15	13.81	Pass
-30	-20	0.2	-29.94	6485.06	-54.34	-61.68	14.41	Pass
-20	-11	0.2	-11.04	6503.96	-34.59	-41.93	14.55	Pass
-11	-10	0.2	-11	6504	-35.54	-42.88	15.54	Pass
10	11	0.2	11	6526	-40.35	-47.69	20.35	Pass
11	20	0.2	11	6526	-39.57	-46.91	19.57	Pass
20	30	0.2	29.88	6544.88	-56.25	-63.59	16.39	Pass
30	60	0.2	30.96	6545.96	-55.6	-62.94	15.6	Pass

11ax40 (SU), U-NII-6, Low Channel



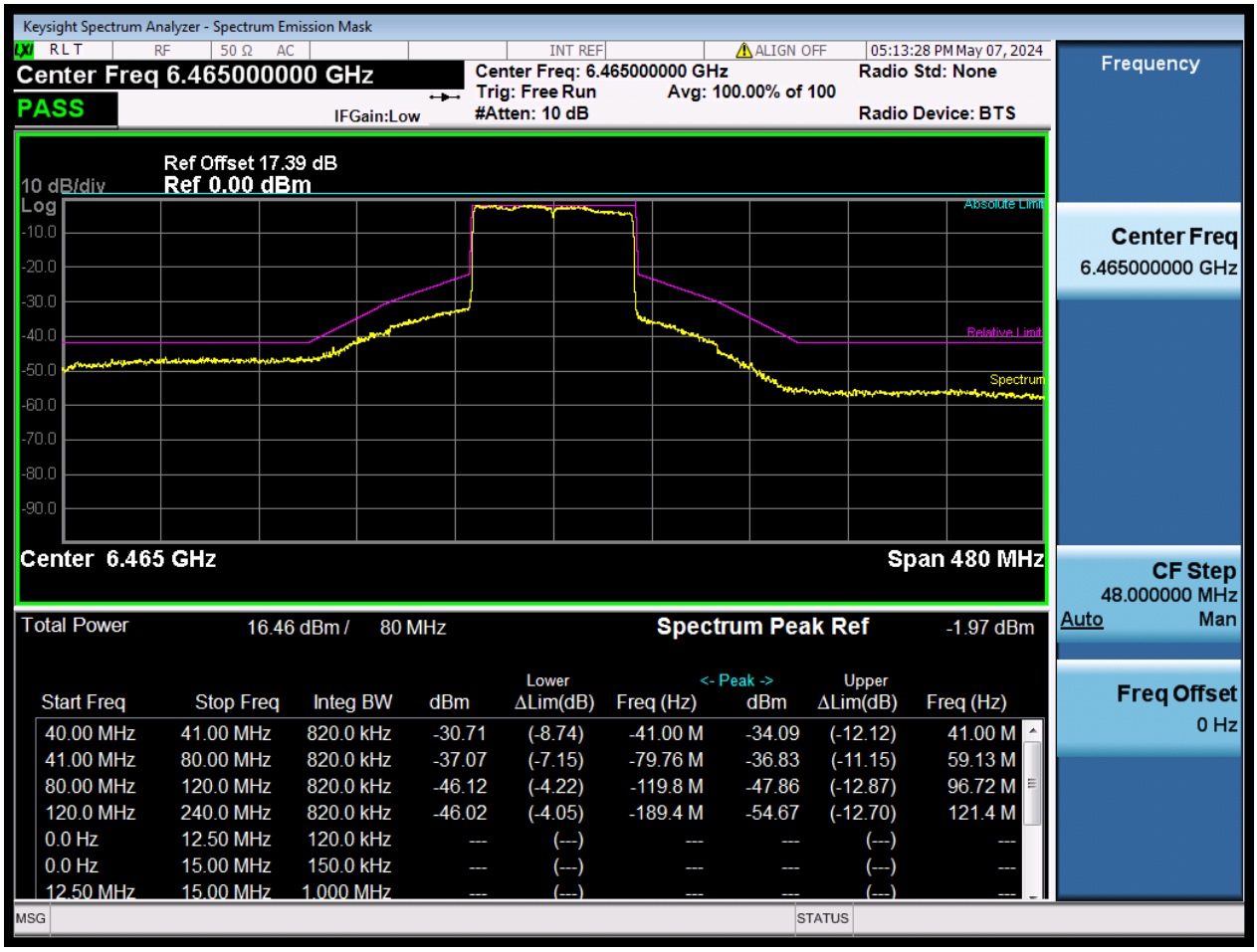
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.4	-61.44	6383.56	-50.28	-54.59	10.28	Pass
-60	-40	0.4	-60	6385	-51.27	-55.58	11.27	Pass
-40	-21	0.4	-38.92054	6406.07946	-44.14	-48.45	16.59	Pass
-21	-20	0.4	-21	6424	-38.69	-43	18.69	Pass
20	21	0.4	21	6466	-42.63	-46.94	22.63	Pass
21	40	0.4	37.601199	6482.601199	-47.19	-51.51	20.2	Pass
40	60	0.4	59.76	6504.76	-53.89	-58.21	14.04	Pass
60	120	0.4	61.44	6506.44	-53.68	-57.99	13.68	Pass

11ax40 (SU), U-NII-6, High Channel



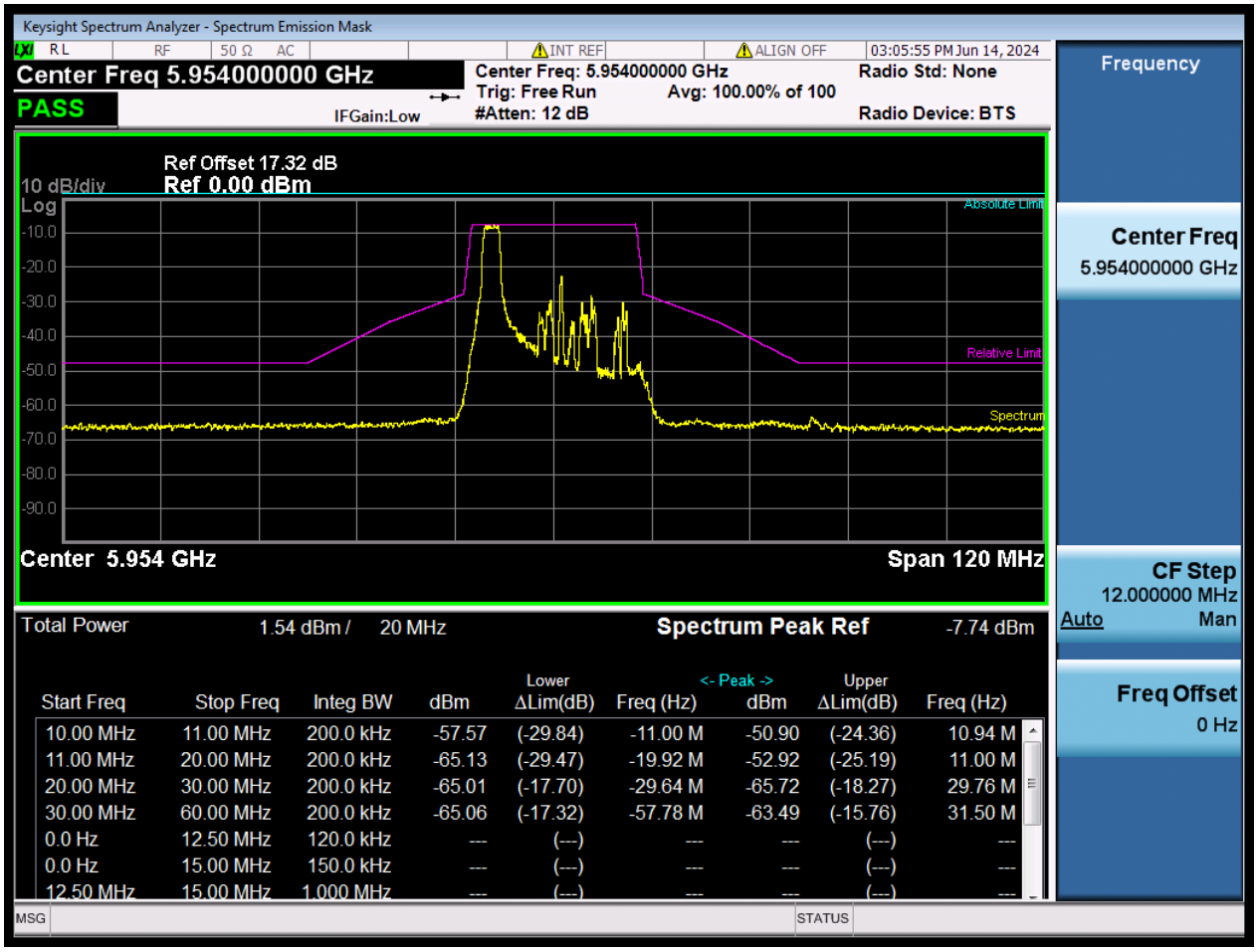
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.4	-92.28	6392.72	-50.77	-55.16	10.77	Pass
-60	-40	0.4	-59.76	6425.24	-51.78	-56.17	11.92	Pass
-40	-21	0.4	-37.961019	6447.038981	-41.2	-45.59	14.06	Pass
-21	-20	0.4	-21	6464	-36.47	-40.86	16.47	Pass
20	21	0.4	21	6506	-38.3	-42.69	18.3	Pass
21	40	0.4	33.523238	6518.523238	-41.72	-46.11	16.45	Pass
40	60	0.4	60	6545	-55.13	-59.52	15.13	Pass
60	120	0.4	62.16	6547.16	-54.32	-58.71	14.32	Pass

11ax80 (SU), U-NII-6, Middle Channel



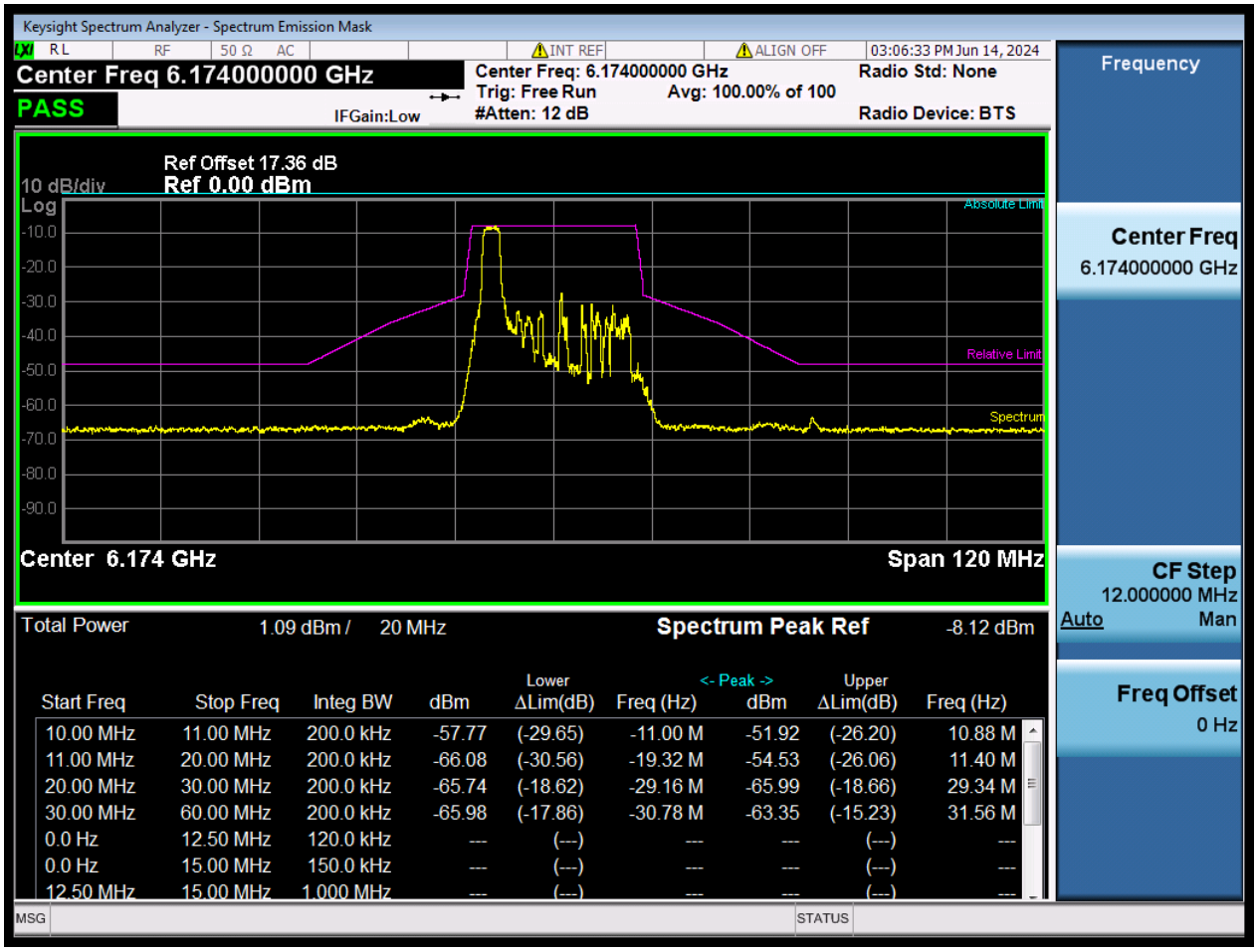
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-240	-120	0.8	-189.36	6275.64	-44.05	-46.02	4.05	Pass
-120	-80	0.8	-119.76	6345.24	-44.15	-46.12	4.22	Pass
-80	-41	0.8	-79.76012	6385.23988	-35.1	-37.07	7.15	Pass
-41	-40	0.8	-41	6424	-28.74	-30.71	8.74	Pass
40	41	0.8	41	6506	-32.12	-34.09	12.12	Pass
41	80	0.8	59.130435	6524.130435	-34.86	-36.83	11.15	Pass
80	120	0.8	96.72	6561.72	-45.89	-47.86	12.87	Pass
120	240	0.8	121.44	6586.44	-52.7	-54.67	12.7	Pass

11ax20 (RU26), U-NII-5, Low Channel



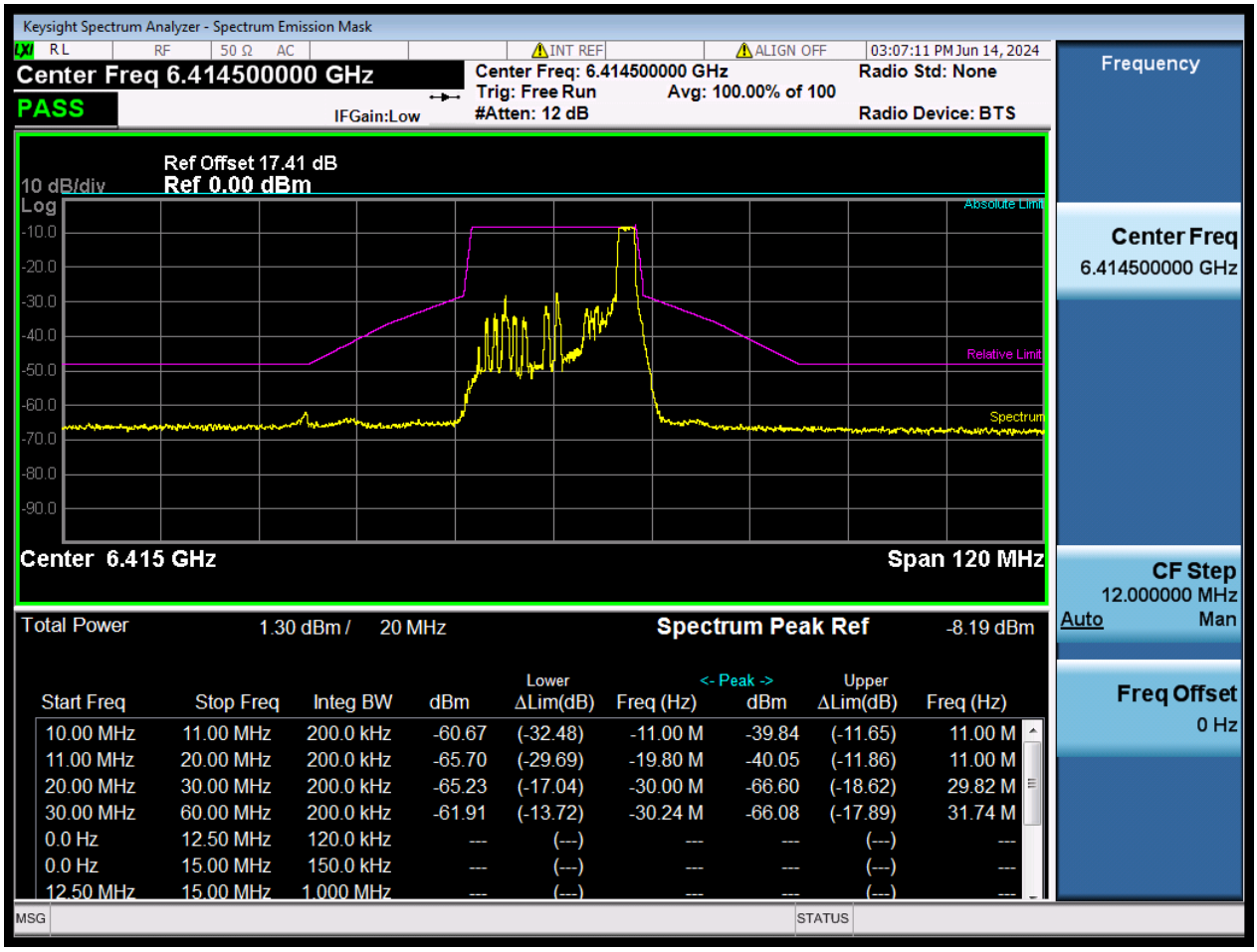
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-57.78	5896.22	-57.32	-65.06	17.32	Pass
-30	-20	0.2	-29.64	5924.36	-57.27	-65.01	17.7	Pass
-20	-11	0.2	-19.92	5934.08	-57.4	-65.13	29.47	Pass
-11	-10	0.2	-11	5943	-49.84	-57.57	29.84	Pass
10	11	0.2	10.940055	5964.940054	-43.16	-50.9	24.36	Pass
11	20	0.2	11	5965	-45.19	-52.92	25.19	Pass
20	30	0.2	29.76	5983.76	-57.98	-65.72	18.27	Pass
30	60	0.2	31.5	5985.5	-55.76	-63.49	15.76	Pass

11ax20 (RU26), U-NII-5, Middle Channel



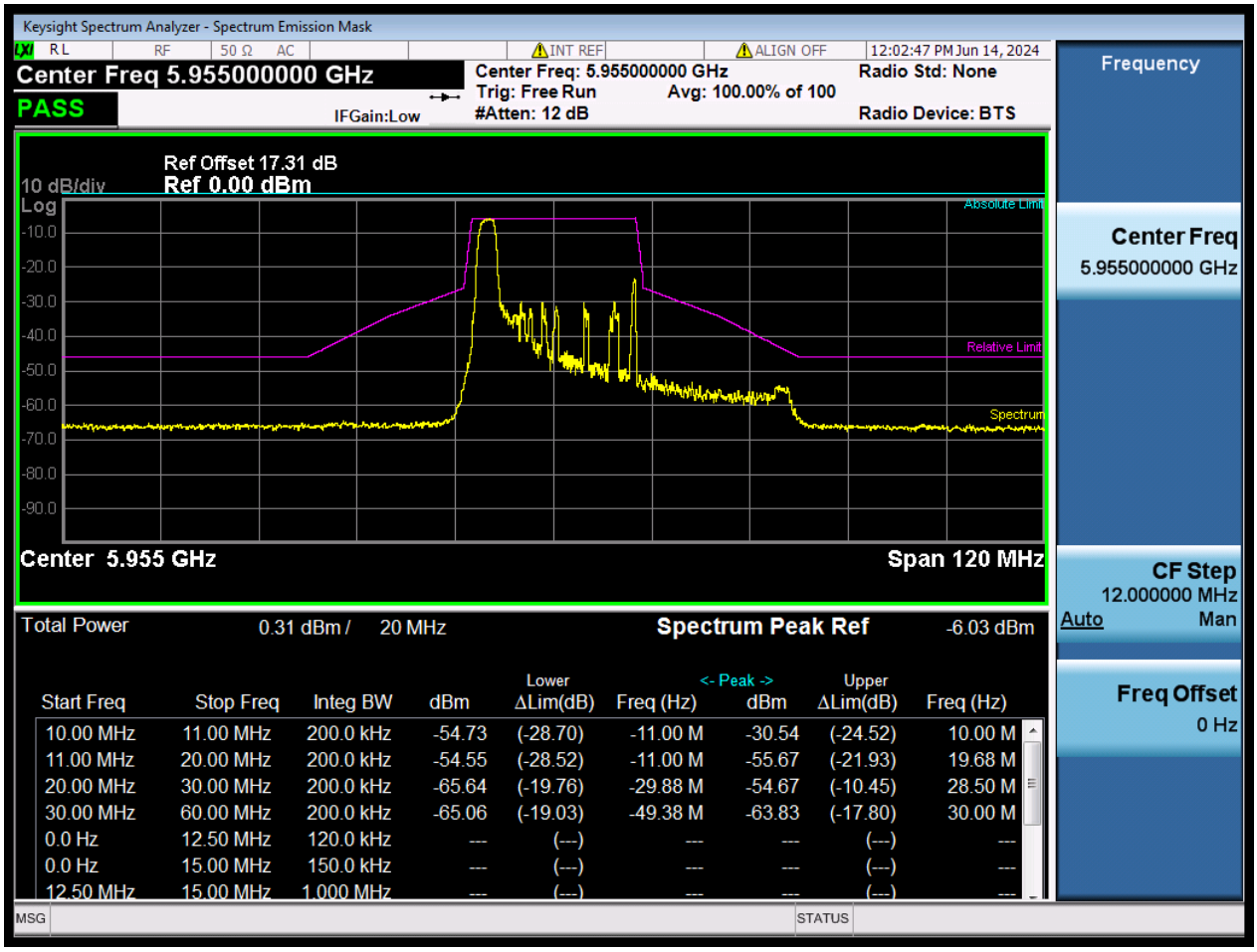
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.78	6143.22	-57.86	-65.98	17.86	Pass
-30	-20	0.2	-29.16	6144.84	-57.62	-65.74	18.62	Pass
-20	-11	0.2	-19.32	6154.68	-57.96	-66.08	30.56	Pass
-11	-10	0.2	-11	6163	-49.65	-57.77	29.65	Pass
10	11	0.2	10.880109	6184.880109	-43.8	-51.92	26.2	Pass
11	20	0.2	11.4	6185.4	-46.41	-54.53	26.06	Pass
20	30	0.2	29.34	6203.34	-57.87	-65.99	18.66	Pass
30	60	0.2	31.56	6205.56	-55.23	-63.35	15.23	Pass

11ax20 (RU26), U-NII-5, High Channel



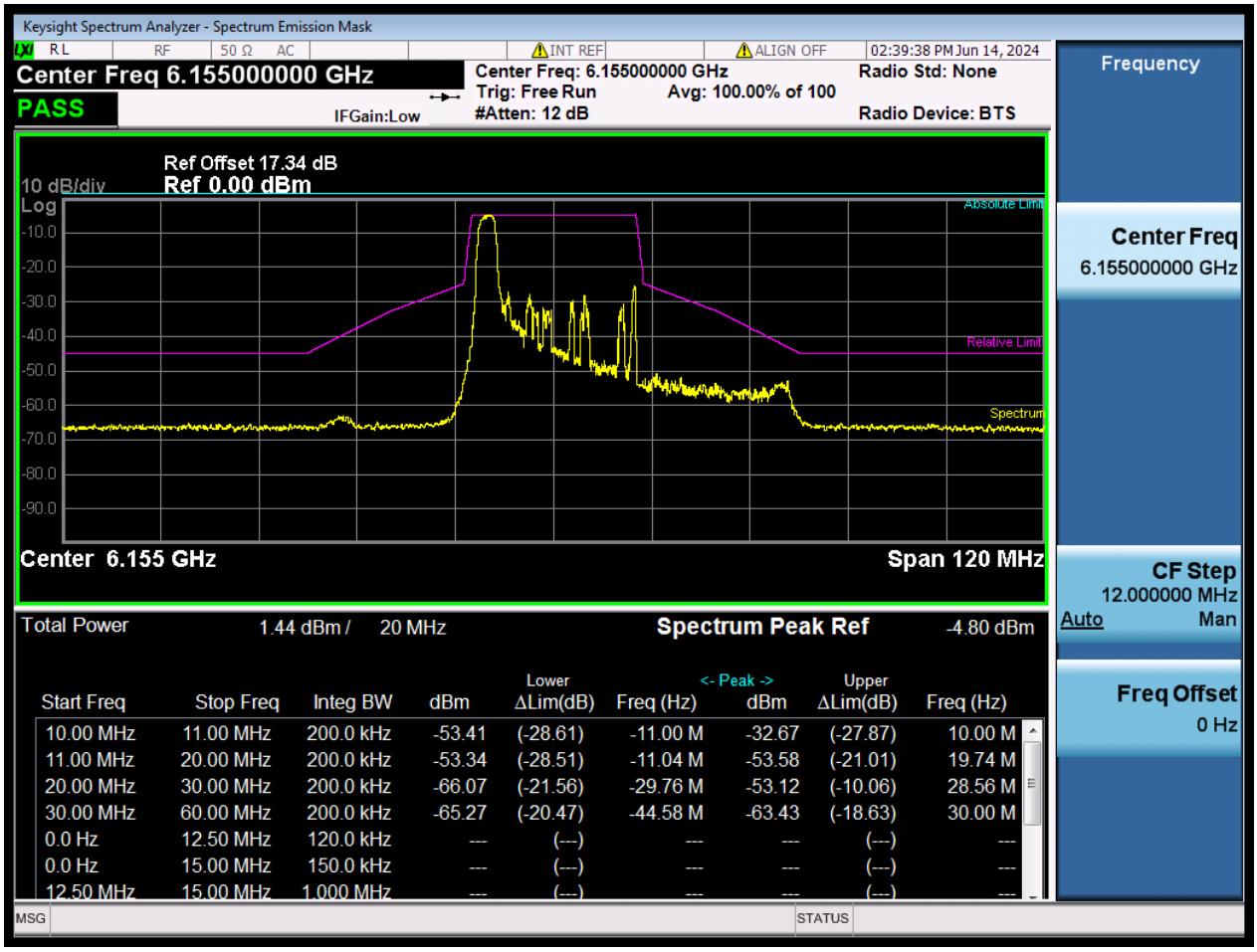
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.24	6384.26	-53.72	-61.91	13.72	Pass
-30	-20	0.2	-30	6384.5	-57.04	-65.23	17.04	Pass
-20	-11	0.2	-19.8	6394.7	-57.51	-65.7	29.69	Pass
-11	-10	0.2	-11	6403.5	-52.48	-60.67	32.48	Pass
10	11	0.2	11	6425.5	-31.65	-39.84	11.65	Pass
11	20	0.2	11	6425.5	-31.86	-40.05	11.86	Pass
20	30	0.2	29.82	6444.32	-58.41	-66.6	18.62	Pass
30	60	0.2	31.74	6446.24	-57.89	-66.08	17.89	Pass

11ax40 (RU26), U-NII-5, Low Channel



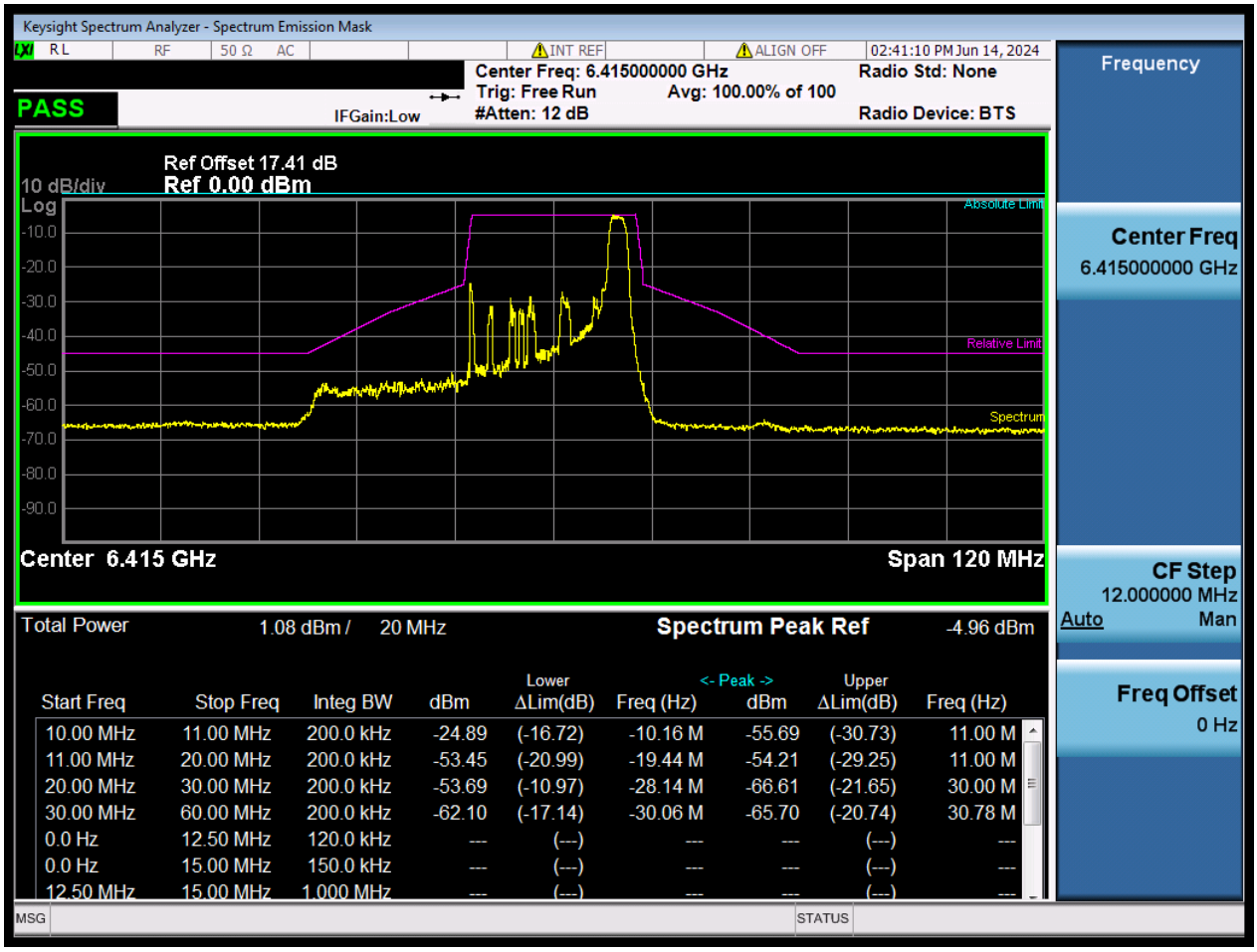
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-49.38	5905.62	-59.03	-65.06	19.03	Pass
-30	-20	0.2	-29.88	5925.12	-59.61	-65.64	19.76	Pass
-20	-11	0.2	-11	5944	-48.52	-54.55	28.52	Pass
-11	-10	0.2	-11	5944	-48.7	-54.73	28.7	Pass
10	11	0.2	10	5965	-24.52	-30.54	24.52	Pass
11	20	0.2	19.68	5974.68	-49.64	-55.67	21.93	Pass
20	30	0.2	28.5	5983.5	-48.65	-54.67	10.45	Pass
30	60	0.2	30	5985	-57.8	-63.83	17.8	Pass

11ax40 (RU26), U-NII-5, Middle Channel



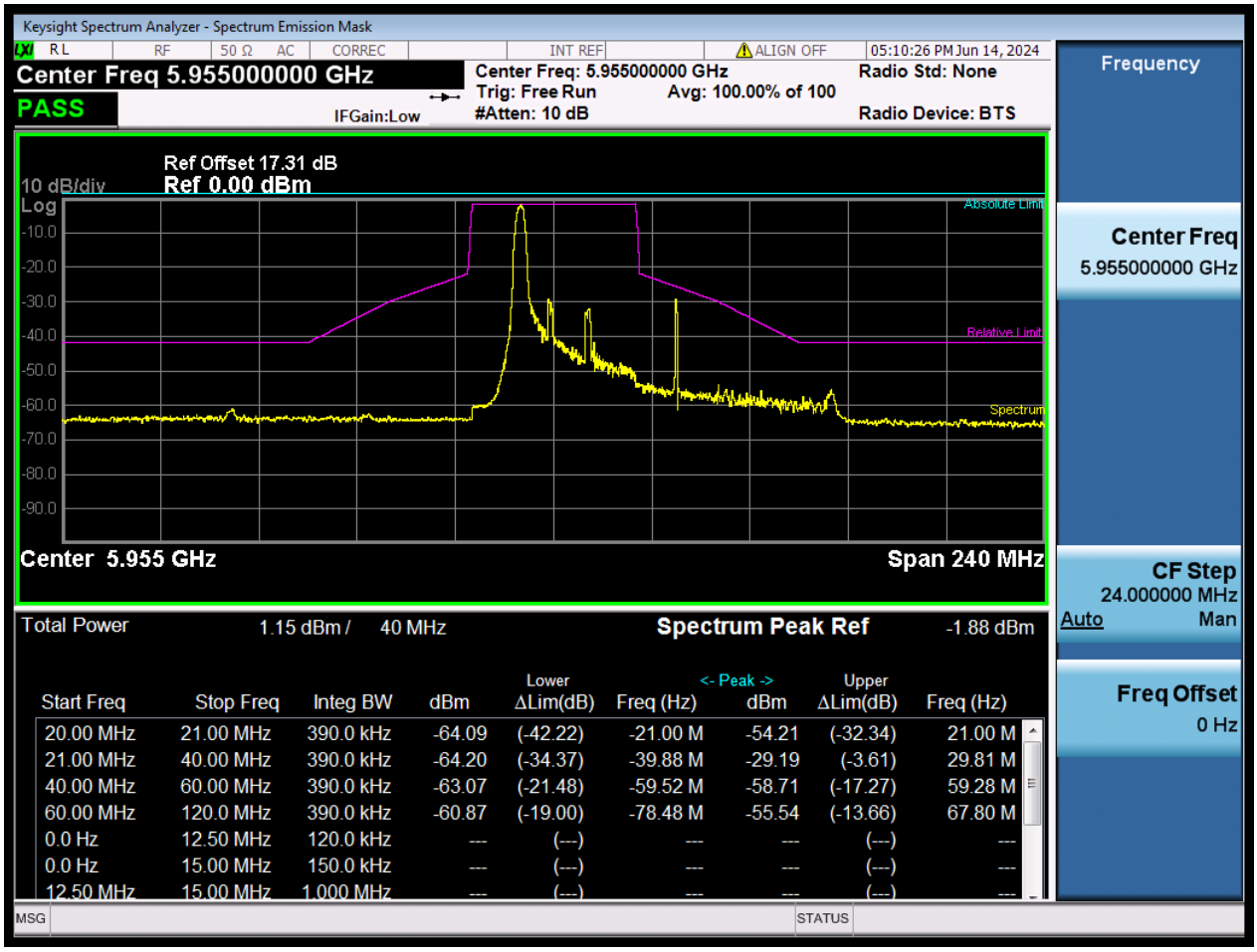
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-44.58	6110.42	-60.47	-65.27	20.47	Pass
-30	-20	0.2	-29.76	6125.24	-61.27	-66.07	21.56	Pass
-20	-11	0.2	-11.04	6143.96	-48.55	-53.34	28.51	Pass
-11	-10	0.2	-11	6144	-48.61	-53.41	28.61	Pass
10	11	0.2	10	6165	-27.87	-32.67	27.87	Pass
11	20	0.2	19.74	6174.74	-48.78	-53.58	21.01	Pass
20	30	0.2	28.56	6183.56	-48.33	-53.12	10.06	Pass
30	60	0.2	30	6185	-58.63	-63.43	18.63	Pass

11ax40 (RU26), U-NII-5, High Channel



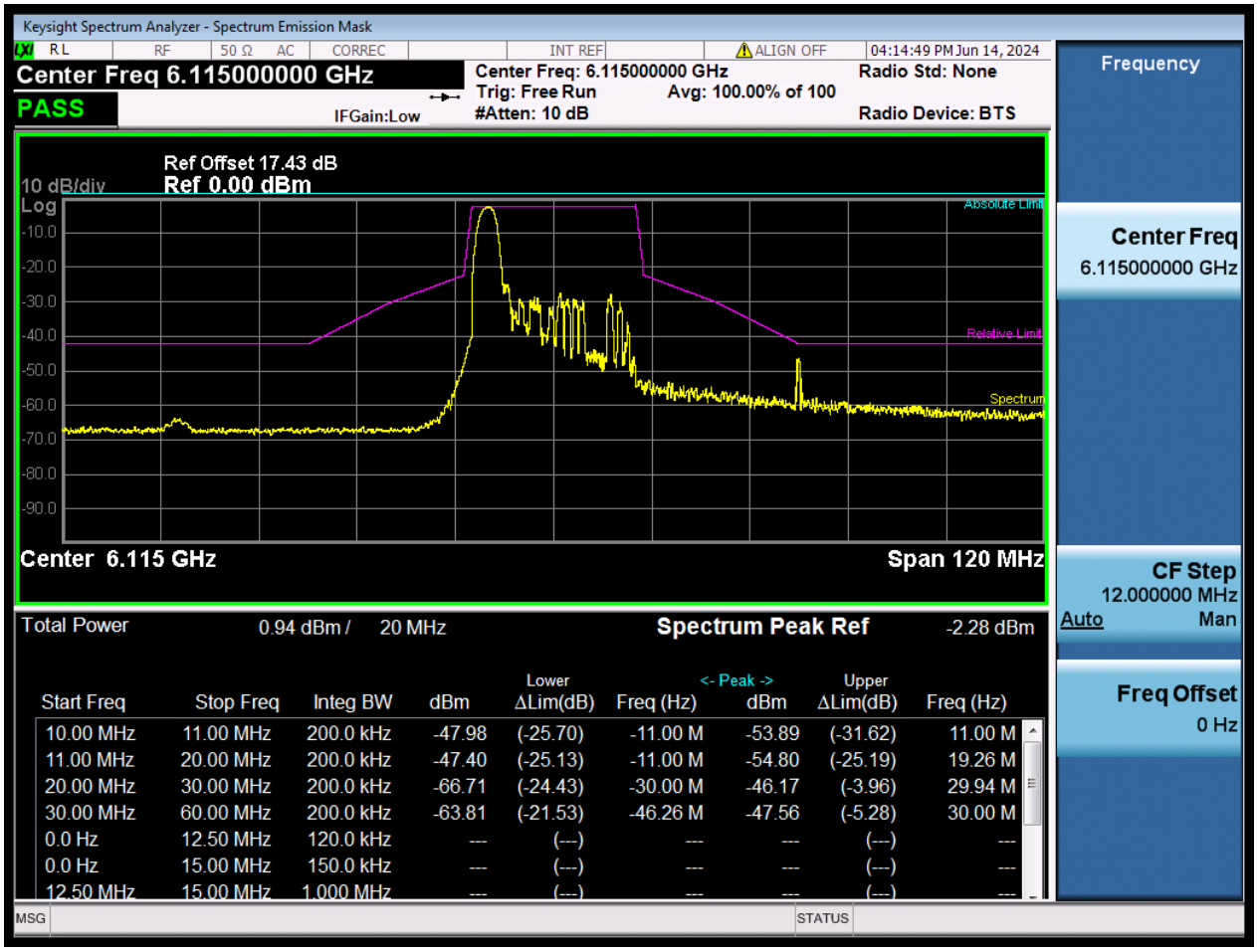
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.06	6384.94	-57.14	-62.1	17.14	Pass
-30	-20	0.2	-28.14	6386.86	-48.73	-53.69	10.97	Pass
-20	-11	0.2	-19.44	6395.56	-48.49	-53.45	20.99	Pass
-11	-10	0.2	-10.160763	6404.839237	-19.93	-24.89	16.72	Pass
10	11	0.2	11	6426	-50.73	-55.69	30.73	Pass
11	20	0.2	11	6426	-49.25	-54.21	29.25	Pass
20	30	0.2	30	6445	-61.65	-66.61	21.65	Pass
30	60	0.2	30.78	6445.78	-60.74	-65.7	20.74	Pass

11ax80 (RU26), U-NII-5, Low Channel



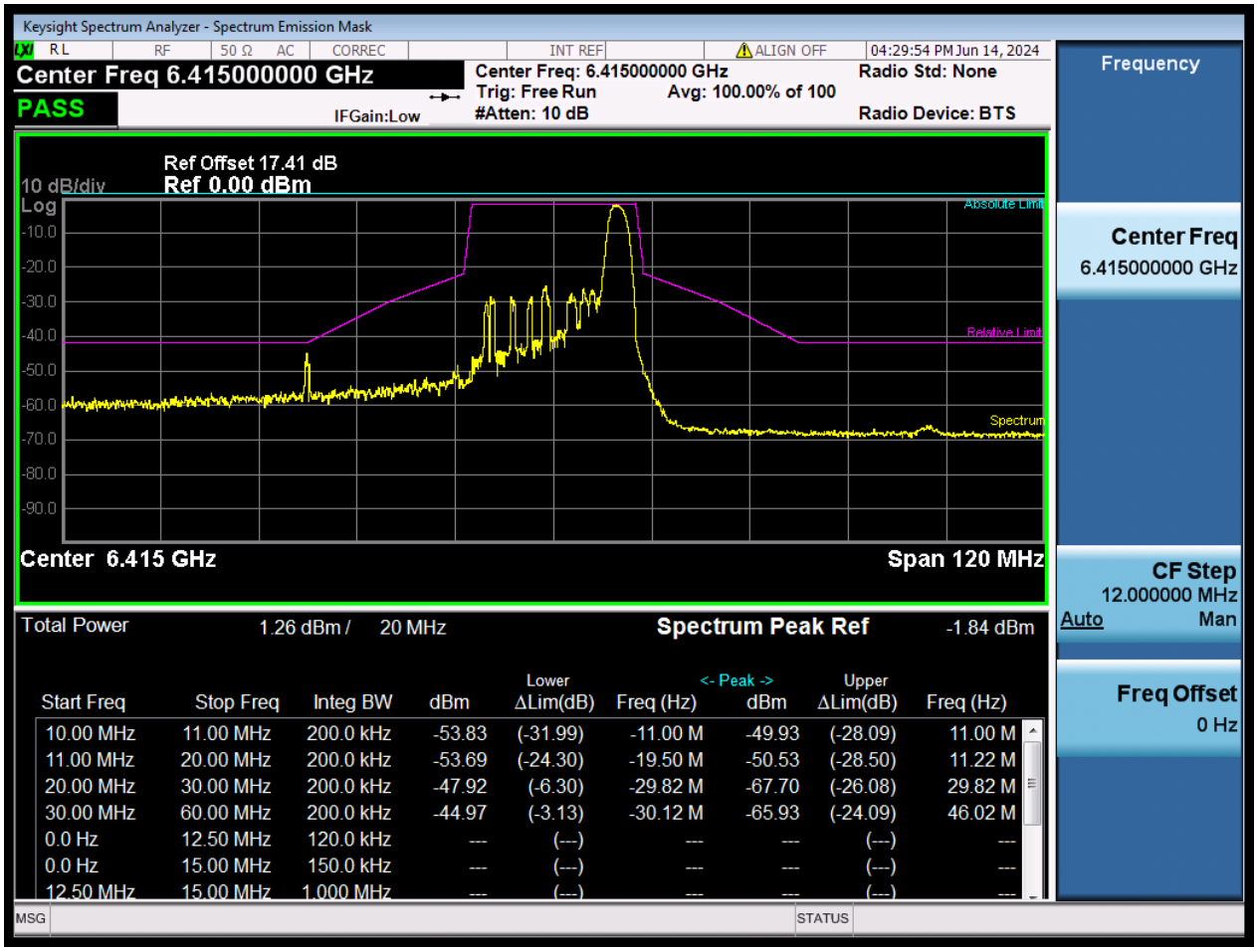
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-120	-60	0.39	-78.48	5876.52	-59	-60.87	19	Pass
-60	-40	0.39	-59.52	5895.48	-61.19	-63.07	21.48	Pass
-40	-21	0.39	-39.88006	5915.11994	-62.32	-64.2	34.37	Pass
-21	-20	0.39	-21	5934	-62.22	-64.09	42.22	Pass
20	21	0.39	21	5976	-52.34	-54.21	32.34	Pass
21	40	0.39	29.805097	5984.805097	-27.32	-29.19	3.61	Pass
40	60	0.39	59.28	6014.28	-56.84	-58.71	17.27	Pass
60	120	0.39	67.8	6022.8	-53.66	-55.54	13.66	Pass

11ax80 (RU26), U-NII-5, Middle Channel



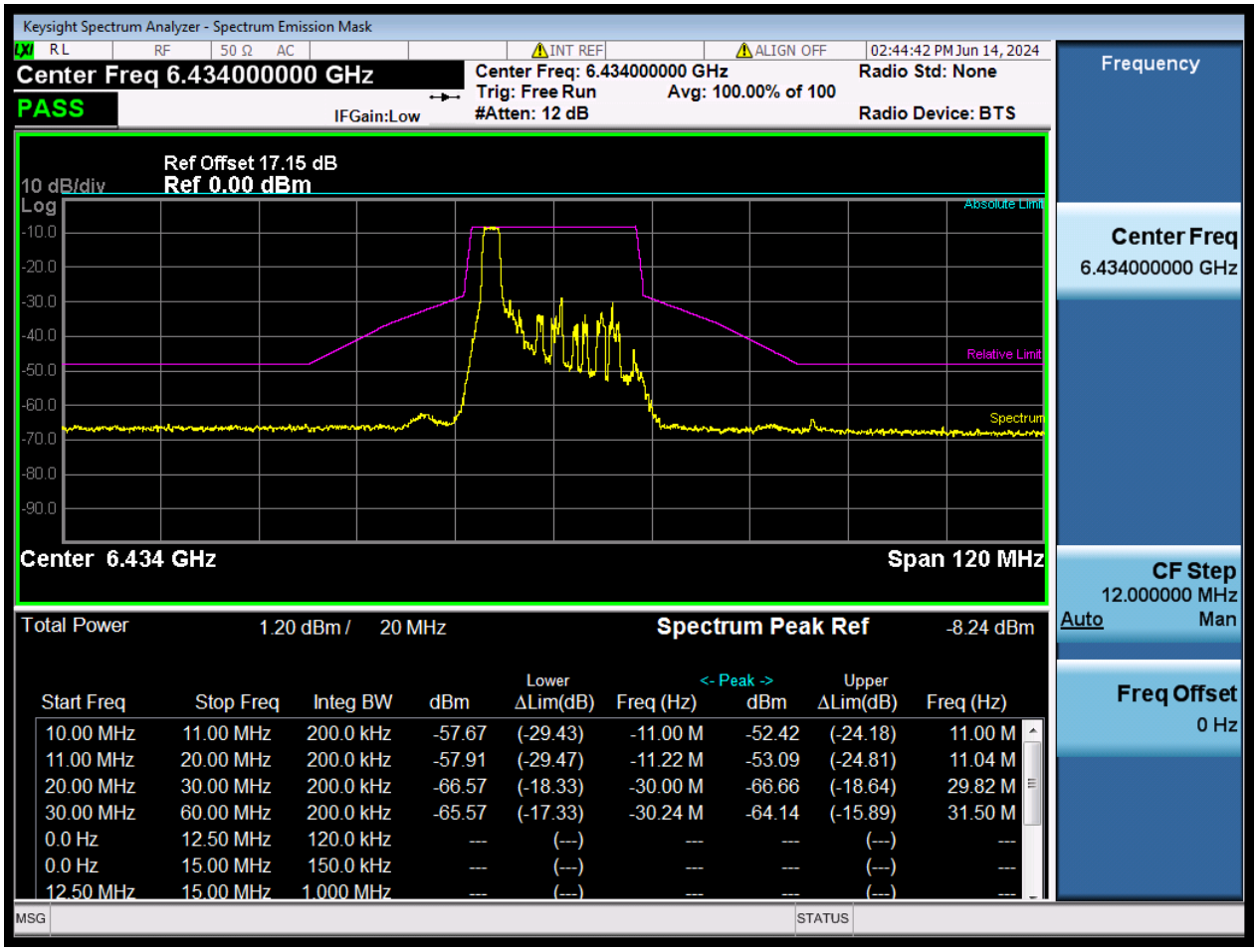
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-46.26	6068.74	-61.53	-63.81	21.53	Pass
-30	-20	0.2	-30	6085	-64.43	-66.71	24.43	Pass
-20	-11	0.2	-11	6104	-45.13	-47.4	25.13	Pass
-11	-10	0.2	-11	6104	-45.7	-47.98	25.7	Pass
10	11	0.2	11	6126	-51.62	-53.89	31.62	Pass
11	20	0.2	19.26	6134.26	-52.53	-54.8	25.19	Pass
20	30	0.2	29.94	6144.94	-43.89	-46.17	3.96	Pass
30	60	0.2	30	6145	-45.28	-47.56	5.28	Pass

11ax80 (RU26), U-NII-5, High Channel



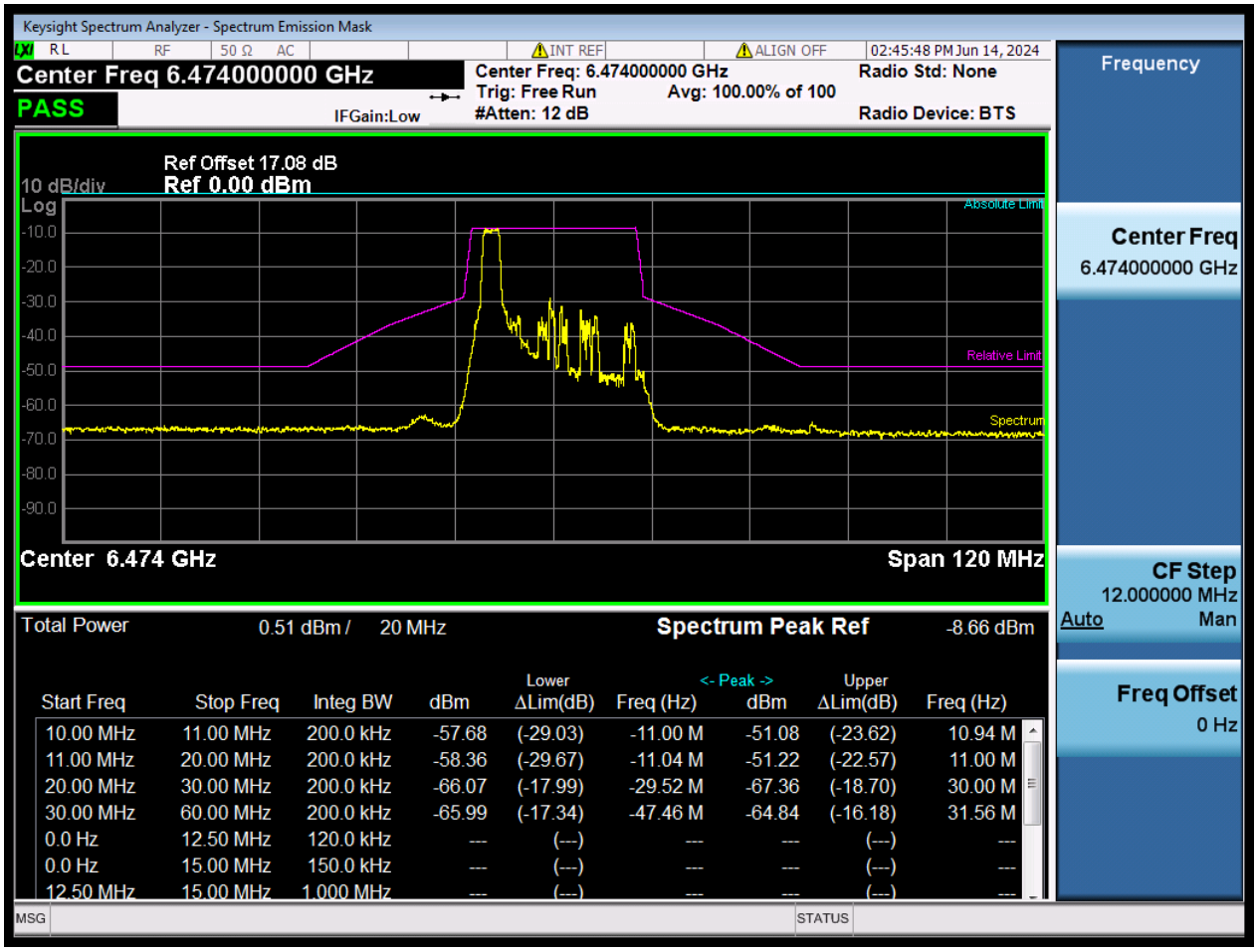
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.12	6384.88	-43.13	-44.97	3.13	Pass
-30	-20	0.2	-29.82	6385.18	-46.08	-47.92	6.3	Pass
-20	-11	0.2	-19.5	6395.5	-51.85	-53.69	24.3	Pass
-11	-10	0.2	-11	6404	-51.99	-53.83	31.99	Pass
10	11	0.2	11	6426	-48.09	-49.93	28.09	Pass
11	20	0.2	11.22	6426.22	-48.69	-50.53	28.5	Pass
20	30	0.2	29.82	6444.82	-65.86	-67.7	26.08	Pass
30	60	0.2	46.02	6461.02	-64.09	-65.93	24.09	Pass

11ax20 (RU26), U-NII-6, Low Channel



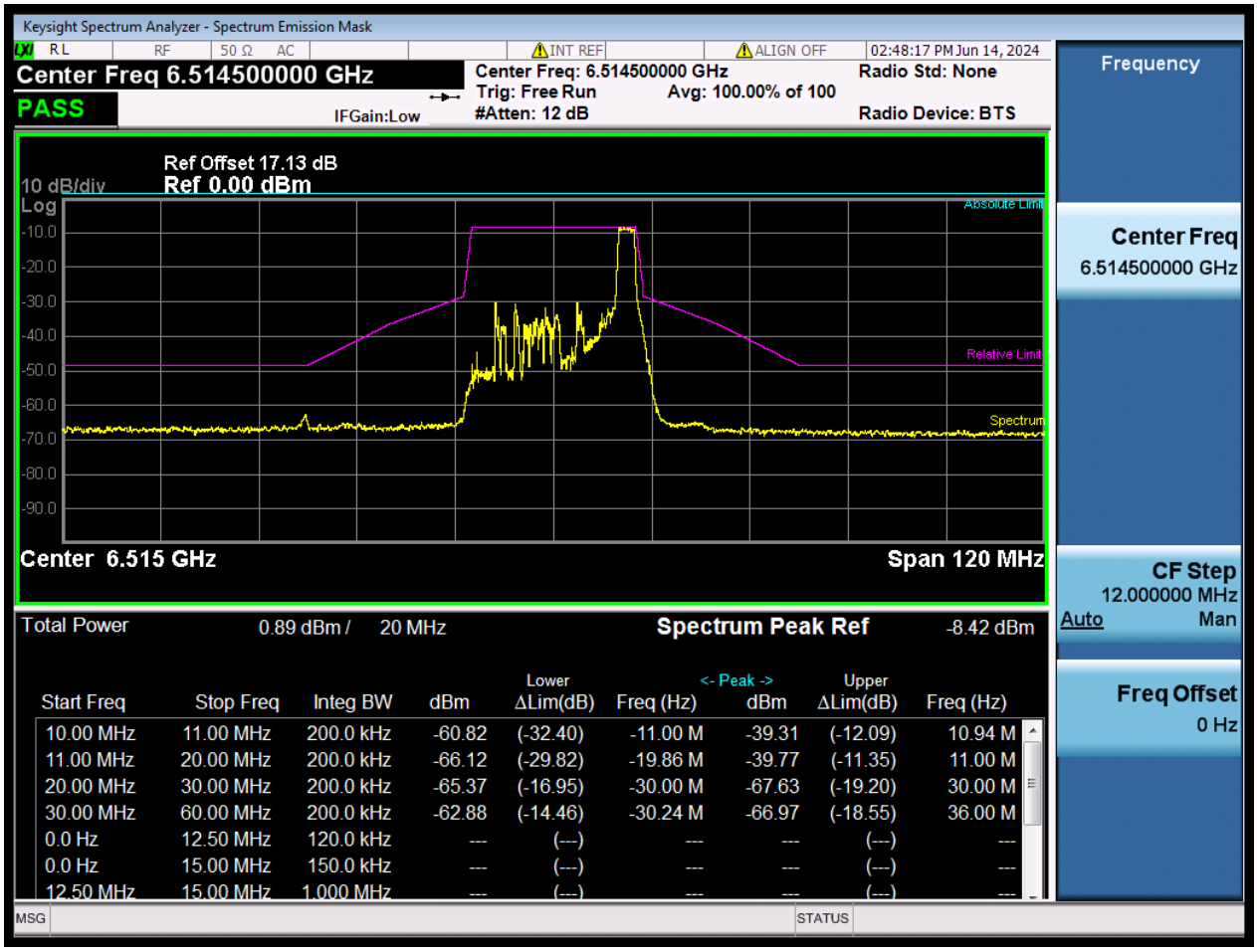
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.24	6403.76	-57.33	-65.57	17.33	Pass
-30	-20	0.2	-30	6404	-58.33	-66.57	18.33	Pass
-20	-11	0.2	-11.22	6422.78	-49.67	-57.91	29.47	Pass
-11	-10	0.2	-11	6423	-49.43	-57.67	29.43	Pass
10	11	0.2	11	6445	-44.18	-52.42	24.18	Pass
11	20	0.2	11.04	6445.04	-44.85	-53.09	24.81	Pass
20	30	0.2	29.82	6463.82	-58.42	-66.66	18.64	Pass
30	60	0.2	31.5	6465.5	-55.89	-64.14	15.89	Pass

11ax20 (RU26), U-NII-6, Middle Channel



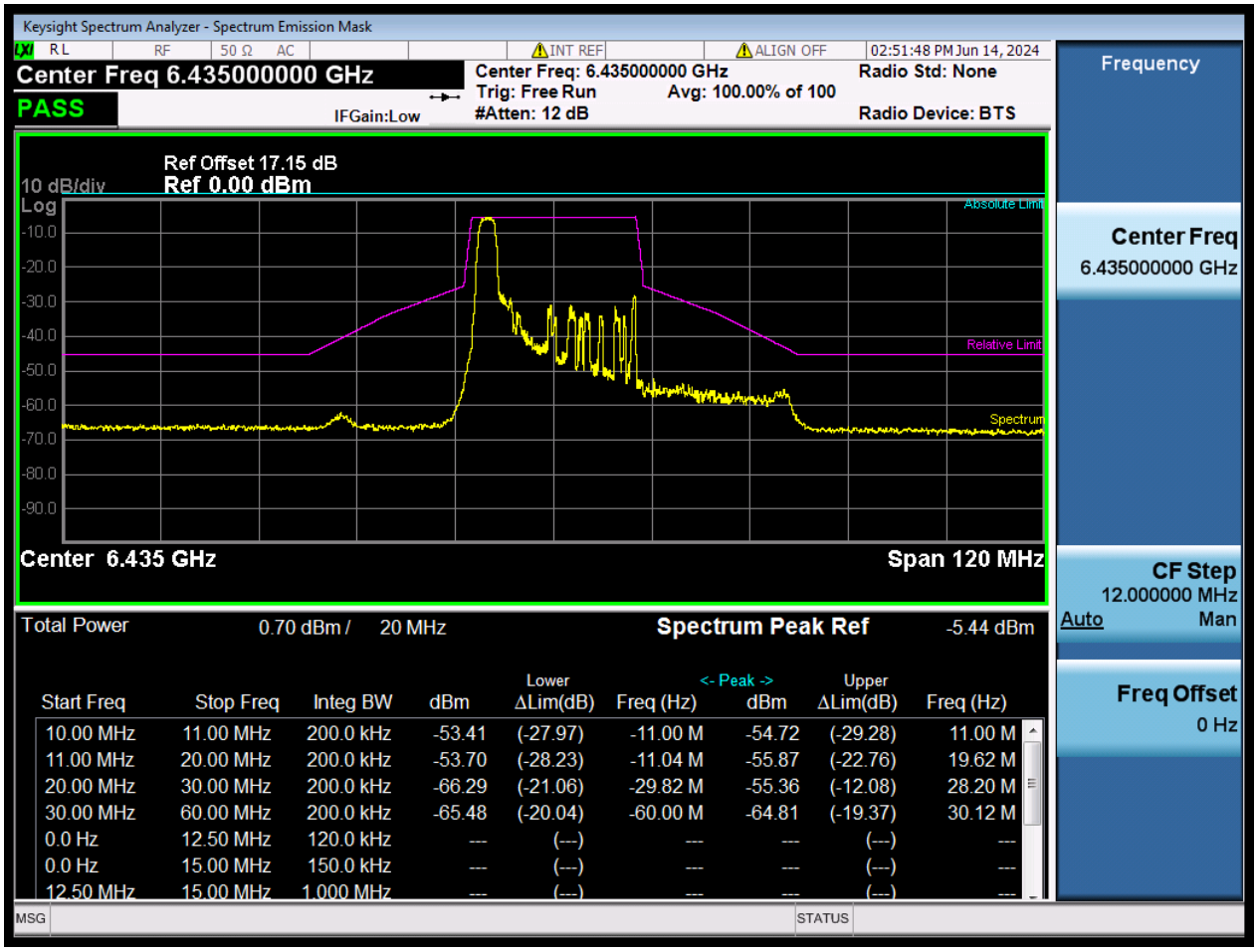
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-47.46	6426.54	-57.34	-65.99	17.34	Pass
-30	-20	0.2	-29.52	6444.48	-57.41	-66.07	17.99	Pass
-20	-11	0.2	-11.04	6462.96	-49.71	-58.36	29.67	Pass
-11	-10	0.2	-11	6463	-49.03	-57.68	29.03	Pass
10	11	0.2	10.940055	6484.940054	-42.42	-51.08	23.62	Pass
11	20	0.2	11	6485	-42.57	-51.22	22.57	Pass
20	30	0.2	30	6504	-58.7	-67.36	18.7	Pass
30	60	0.2	31.56	6505.56	-56.18	-64.84	16.18	Pass

11ax20 (RU26), U-NII-6, High Channel



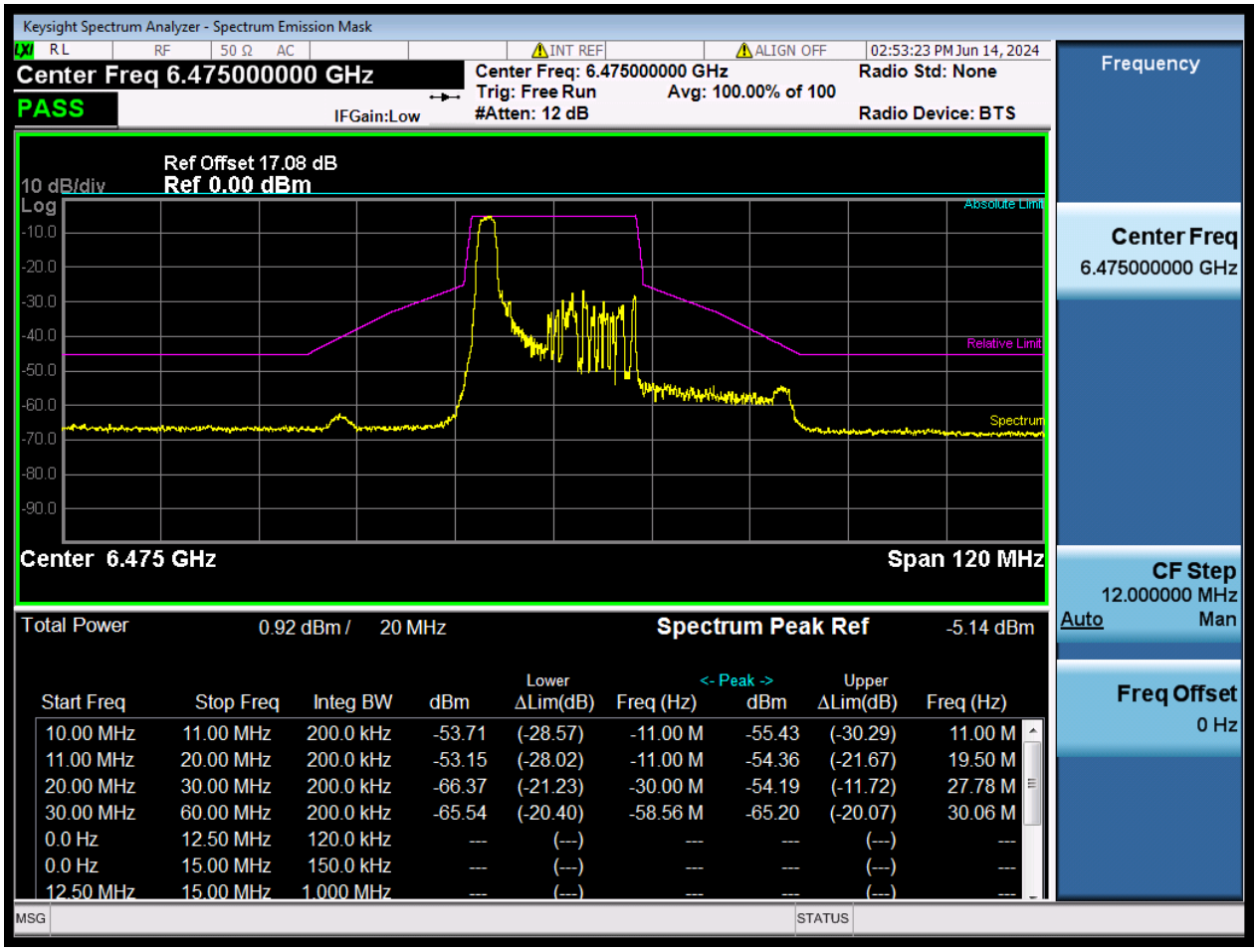
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-30.24	6484.26	-54.46	-62.88	14.46	Pass
-30	-20	0.2	-30	6484.5	-56.95	-65.37	16.95	Pass
-20	-11	0.2	-19.86	6494.64	-57.7	-66.12	29.82	Pass
-11	-10	0.2	-11	6503.5	-52.4	-60.82	32.4	Pass
10	11	0.2	10.940055	6525.440054	-30.89	-39.31	12.09	Pass
11	20	0.2	11	6525.5	-31.35	-39.77	11.35	Pass
20	30	0.2	30	6544.5	-59.2	-67.63	19.2	Pass
30	60	0.2	36	6550.5	-58.55	-66.97	18.55	Pass

11ax40 (RU26), U-NII-6, Low Channel



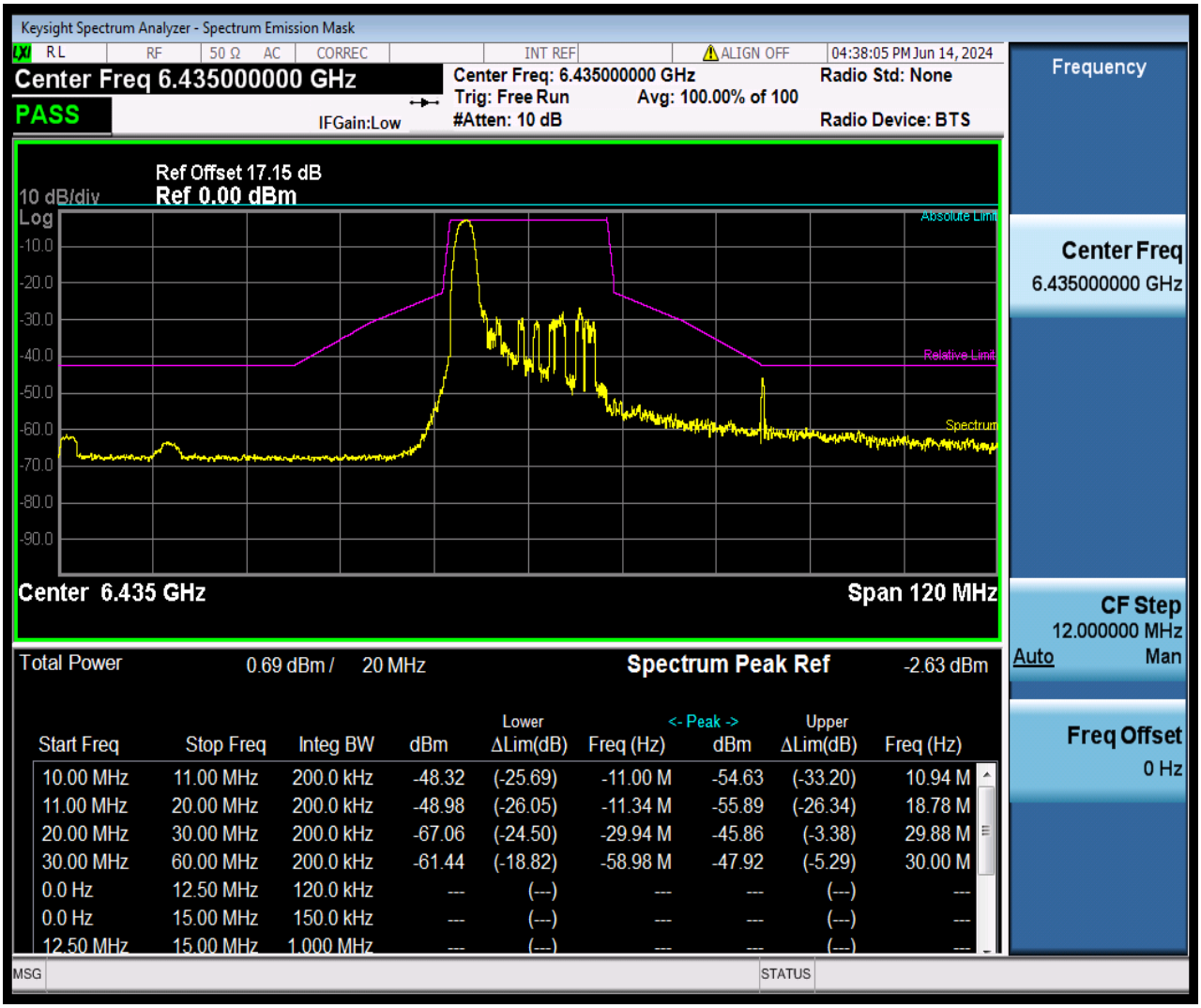
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-60	6375	-60.04	-65.48	20.04	Pass
-30	-20	0.2	-29.82	6405.18	-60.85	-66.29	21.06	Pass
-20	-11	0.2	-11.04	6423.96	-48.26	-53.7	28.23	Pass
-11	-10	0.2	-11	6424	-47.97	-53.41	27.97	Pass
10	11	0.2	11	6446	-49.28	-54.72	29.28	Pass
11	20	0.2	19.62	6454.62	-50.42	-55.87	22.76	Pass
20	30	0.2	28.2	6463.2	-49.92	-55.36	12.08	Pass
30	60	0.2	30.12	6465.12	-59.37	-64.81	19.37	Pass

11ax40 (RU26), U-NII-6, High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-58.56	6416.44	-60.4	-65.54	20.4	Pass
-30	-20	0.2	-30	6445	-61.23	-66.37	21.23	Pass
-20	-11	0.2	-11	6464	-48.02	-53.15	28.02	Pass
-11	-10	0.2	-11	6464	-48.57	-53.71	28.57	Pass
10	11	0.2	11	6486	-50.29	-55.43	30.29	Pass
11	20	0.2	19.5	6494.5	-49.23	-54.36	21.67	Pass
20	30	0.2	27.78	6502.78	-49.05	-54.19	11.72	Pass
30	60	0.2	30.06	6505.06	-60.07	-65.2	20.07	Pass

11ax80 (RU26), U-NII-6, Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-58.98	6376.02	-58.82	-61.44	18.82	Pass
-30	-20	0.2	-29.94	6405.06	-64.43	-67.06	24.5	Pass
-20	-11	0.2	-11.34	6423.66	-46.35	-48.98	26.05	Pass
-11	-10	0.2	-11	6424	-45.69	-48.32	25.69	Pass
10	11	0.2	10.940055	6445.940054	-52.01	-54.63	33.2	Pass
11	20	0.2	18.78	6453.78	-53.26	-55.89	26.34	Pass
20	30	0.2	29.88	6464.88	-43.23	-45.86	3.38	Pass
30	60	0.2	30	6465	-45.29	-47.92	5.29	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2440954-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2440954-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2440954-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--