

802.11ac20-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	55.42	-14.21	41.21	68.20	-26.99	peak
2	5350.000	39.86	-14.21	25.65	54.00	-28.35	AVG
3	5397.996	56.32	-13.88	42.44	68.20	-25.76	peak
4	5397.996	36.18	-13.88	22.3	54.00	-31.70	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	57.59	-14.21	43.38	68.20	-24.82	peak
2	5350.000	41.03	-14.21	26.82	54.00	-27.18	AVG
3	5403.106	56.5	-13.87	42.63	68.20	-25.57	peak
4	5403.106	37.56	-13.87	23.69	54.00	-30.31	AVG

802.11n40-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4989.138	57.32	-15.61	41.71	68.20	-26.49	peak
2	4989.138	41.57	-15.61	25.96	54.00	-28.04	AVG
3	5150.000	55.64	-14.86	40.78	68.20	-27.42	peak
4	5150.000	39.65	-14.86	24.79	54.00	-29.21	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4984.810	57.22	-15.61	41.61	68.20	-26.59	peak
2	4984.810	41.7	-15.61	26.09	54.00	-27.91	AVG
3	5150.000	55.74	-14.86	40.88	68.20	-27.32	peak
4	5150.000	39.75	-14.86	24.89	54.00	-29.11	AVG

802.11n40-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	57.42	-14.21	43.21	68.20	-24.99	peak
2	5350.000	40.38	-14.21	26.17	54.00	-27.83	AVG
3	5407.876	56.09	-13.87	42.22	68.20	-25.98	peak
4	5407.876	37.73	-13.87	23.86	54.00	-30.14	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	55.97	-14.21	41.76	68.20	-26.44	peak
2	5350.000	39.75	-14.21	25.54	54.00	-28.46	AVG
3	5408.557	57.07	-13.86	43.21	68.20	-24.99	peak
4	5408.557	36.88	-13.86	23.02	54.00	-30.98	AVG

802.11ac40-Low

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4815.992	58.04	-15.73	42.31	68.20	-25.89	peak
2	4815.992	41.88	-15.73	26.15	54.00	-27.85	AVG
3	5150.000	57.36	-14.86	42.5	68.20	-25.70	peak
4	5150.000	41.24	-14.86	26.38	54.00	-27.62	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4792.906	57.56	-15.78	41.78	68.20	-26.42	peak
2	4792.906	41.91	-15.78	26.13	54.00	-27.87	AVG
3	5150.000	55.35	-14.86	40.49	68.20	-27.71	peak
4	5150.000	39.71	-14.86	24.85	54.00	-29.15	AVG

802.11ac40-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	56.58	-14.21	42.37	68.20	-25.83	peak
2	5350.000	40.64	-14.21	26.43	54.00	-27.57	AVG
3	5430.361	55.83	-13.85	41.98	68.20	-26.22	peak
4	5430.361	36.32	-13.85	22.47	54.00	-31.53	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	55.68	-14.21	41.47	68.20	-26.73	peak
2	5350.000	40.11	-14.21	25.90	54.00	-28.10	AVG
3	5412.986	56.04	-13.87	42.17	68.20	-26.03	peak
4	5412.986	36.74	-13.87	22.87	54.00	-31.13	AVG

802.11ac80

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4937.114	56.65	-15.64	41.01	68.20	-27.19	peak
2	4937.114	36.62	-15.64	20.98	54.00	-33.02	AVG
3	5150.000	57.3	-14.86	42.44	68.20	-25.76	peak
4	5150.000	41.23	-14.86	26.37	54.00	-27.63	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4988.898	57.49	-15.61	41.88	68.20	-26.32	peak
2	4988.898	41.95	-15.61	26.34	54.00	-27.66	AVG
3	5150.000	55.44	-14.86	40.58	68.20	-27.62	peak
4	5150.000	40.7	-14.86	25.84	54.00	-28.16	AVG

Band II

802.11a-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4963.006	56.72	-15.6	41.12	68.20	-27.08	peak
2	4963.006	37.16	-15.6	21.56	54.00	-32.44	AVG
3	5150.000	56.86	-14.86	42.00	68.20	-26.20	peak
4	5150.000	41.49	-14.86	26.63	54.00	-27.37	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5016.313	56.58	-15.55	41.03	68.20	-27.17	peak
2	5016.313	36.78	-15.55	21.23	54.00	-32.77	AVG
3	5150.000	55.71	-14.86	40.85	68.20	-27.35	peak
4	5150.000	40.25	-14.86	25.39	54.00	-28.61	AVG

802.11a-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	55.72	-14.21	41.51	68.20	-32.49	peak
2	5350.000	39.69	-14.21	25.48	54.00	-28.52	AVG
3	5366.653	57.54	-14.09	43.45	68.20	-30.55	peak
4	5366.653	40.24	-14.09	26.15	54.00	-27.85	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	56.55	-14.21	42.34	68.20	-31.66	peak
2	5350.000	40.39	-14.21	26.18	54.00	-27.82	AVG
3	5358.477	58.04	-14.14	43.90	68.20	-30.10	peak
4	5358.477	40.29	-14.14	26.15	54.00	-27.85	AVG

802.11n20-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4991.944	57.25	-15.61	41.64	68.20	-26.56	peak
2	4991.944	37.62	-15.61	22.01	54.00	-31.99	AVG
3	5150.000	57.35	-14.86	42.49	68.20	-25.71	peak
4	5150.000	40.36	-14.86	25.50	54.00	-28.50	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5039.158	56.67	-15.46	41.21	68.20	-26.99	peak
2	5039.158	37.33	-15.46	21.87	54.00	-32.13	AVG
3	5150.000	55.98	-14.86	41.12	68.20	-27.08	peak
4	5150.000	40.52	-14.86	25.66	54.00	-28.34	AVG

802.11n20-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	55.59	-14.21	41.38	68.20	-32.62	peak
2	5350.000	39.37	-14.21	25.16	54.00	-28.84	AVG
3	5371.082	56.98	-14.06	42.92	68.20	-31.08	peak
4	5371.082	38.21	-14.06	24.15	54.00	-29.85	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	54.82	-14.21	40.61	68.20	-33.39	peak
2	5350.000	37.17	-14.21	22.96	54.00	-31.04	AVG
3	5369.719	57.29	-14.07	43.22	68.20	-30.78	peak
4	5369.719	37.66	-14.07	23.59	54.00	-30.41	AVG

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Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5043.727	56.77	-15.44	41.33	68.20	-26.87	peak
2	5043.727	37.3	-15.44	21.86	54.00	-32.14	AVG
3	5150.000	56.79	-14.86	41.93	68.20	-26.27	peak
4	5150.000	40.80	-14.86	25.94	54.00	-28.06	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5048.297	57.88	-15.42	42.46	68.20	-25.74	peak
2	5048.297	38.11	-15.42	22.69	54.00	-31.31	AVG
3	5150.000	55.42	-14.86	40.56	68.20	-27.64	peak
4	5150.000	39.91	-14.86	25.05	54.00	-28.95	AVG

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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	55.34	-14.21	41.13	68.20	-32.87	peak
2	5350.000	40.10	-14.21	25.89	54.00	-28.11	AVG
3	5372.445	56.94	-14.05	42.89	68.20	-31.11	peak
4	5372.445	38.20	-14.05	24.15	54.00	-29.85	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	57.30	-14.21	43.09	68.20	-30.91	peak
2	5350.000	40.51	-14.21	26.30	54.00	-27.70	AVG
3	5378.918	56.84	-14.01	42.83	68.20	-31.17	peak
4	5378.918	38.51	-14.01	24.50	54.00	-29.50	AVG

802.11n40-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5087.896	56.57	-15.18	41.39	68.20	-26.81	peak
2	5087.896	37.13	-15.18	21.95	54.00	-32.05	AVG
3	5150.000	57.83	-14.86	42.97	68.20	-25.23	peak
4	5150.000	40.45	-14.86	25.59	54.00	-28.41	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5081.804	56.61	-15.22	41.39	68.20	-26.81	peak
2	5081.804	37.7	-15.22	22.48	54.00	-31.52	AVG
3	5150.000	55.32	-14.86	40.46	68.20	-27.74	peak
4	5150.000	39.85	-14.86	24.99	54.00	-29.01	AVG

802.11n40-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	62.41	-14.21	48.20	68.20	-20.00	peak
2	5350.000	43.00	-14.21	28.79	54.00	-25.21	AVG
3	5353.587	62.82	-14.18	48.64	68.20	-19.56	peak
4	5353.587	43.34	-14.18	29.16	54.00	-24.84	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	57.72	-14.21	43.51	68.20	-24.69	peak
2	5350.000	41.69	-14.21	27.48	54.00	-26.52	AVG
3	5381.723	57.29	-13.99	43.30	68.20	-24.90	peak
4	5381.723	37.58	-13.99	23.59	54.00	-30.41	AVG

802.11ac40-Low

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5101.603	57.22	-15.1	42.12	68.20	-26.08	peak
2	5101.603	38.57	-15.1	23.47	54.00	-30.53	AVG
3	5150.000	56.98	-14.86	42.12	68.20	-26.08	peak
4	5150.000	40.68	-14.86	25.82	54.00	-28.18	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5103.126	57.44	-15.09	42.35	68.20	-25.85	peak
2	5103.126	38.49	-15.09	23.4	54.00	-30.60	AVG
3	5150.000	54.99	-14.86	40.13	68.20	-28.07	peak
4	5150.000	39.87	-14.86	25.01	54.00	-28.99	AVG

802.11ac40-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	62.60	-14.21	48.39	68.20	-19.81	peak
2	5350.000	41.22	-14.21	27.01	54.00	-26.99	AVG
3	5353.226	63.86	-14.18	49.68	68.20	-18.52	peak
4	5353.226	43.66	-14.18	29.48	54.00	-24.52	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	62.81	-14.21	48.60	68.20	-19.60	peak
2	5350.000	43.67	-14.21	29.46	54.00	-24.54	AVG
3	5374.148	59.11	-14.04	45.07	68.20	-23.13	peak
4	5374.148	41.19	-14.04	27.15	54.00	-26.85	AVG

802.11ac80

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	64.08	-14.21	49.87	68.20	-18.33	peak
2	5350.000	38.95	-14.21	24.74	54.00	-29.26	AVG
3	5366.092	63.81	-14.09	49.72	68.20	-18.48	peak
4	5366.092	40.24	-14.09	26.15	54.00	-27.85	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	59.10	-14.21	44.89	68.20	-23.31	peak
2	5350.000	42.06	-14.21	27.85	54.00	-26.15	AVG
3	5367.856	58.34	-14.08	44.26	68.20	-23.94	peak
4	5367.856	42.54	-14.08	28.46	54.00	-25.54	AVG

**Band III
802.11a-Low**

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5405.531	57.96	-13.87	44.09	68.20	-29.91	peak
2	5405.531	40.02	-13.87	26.15	54.00	-27.85	AVG
3	5460.000	54.68	-13.81	40.87	68.20	-33.13	peak
4	5460.000	38.56	-13.81	24.75	54.00	-29.25	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5392.926	56.57	-13.91	42.66	68.20	-31.34	peak
2	5392.926	40.42	-13.91	26.51	54.00	-27.49	AVG
3	5460.000	55.06	-13.81	41.25	68.20	-32.75	peak
4	5460.000	39.67	-13.81	25.86	54.00	-28.14	AVG

802.11a-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5724.940	56.66	-13.13	43.53	68.20	-24.67	peak
2	5724.940	40.64	-13.13	27.51	54.00	-26.49	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5727.745	57.81	-13.13	44.68	68.20	-29.32	peak
2	5727.745	37.23	-13.13	24.10	54.00	-29.90	AVG

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Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5413.026	57.56	-13.87	43.69	68.20	-30.31	peak
2	5413.026	38.72	-13.87	24.85	54.00	-29.15	AVG
3	5460.000	55.00	-13.81	41.19	68.20	-32.81	peak
4	5460.000	39.99	-13.81	26.18	54.00	-27.82	AVG



Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5408.257	56.90	-13.86	43.04	68.20	-30.96	peak
2	5408.257	40.01	-13.86	26.15	54.00	-27.85	AVG
3	5460.000	55.74	-13.81	41.93	68.20	-32.07	peak
4	5460.000	39.55	-13.81	25.74	54.00	-28.26	AVG

802.11n20-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5718.487	61.29	-13.14	48.15	68.20	-25.85	peak
2	5718.487	42.25	-13.14	29.11	54.00	-24.89	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5723.958	60.90	-13.13	47.77	68.20	-21.57	peak
2	5723.958	41.54	-13.13	28.41	54.00	-25.59	AVG

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Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5406.212	57.96	-13.87	44.09	68.20	-29.91	peak
2	5406.212	41.28	-13.87	27.41	54.00	-26.59	AVG
3	5460.000	55.11	-13.81	41.30	68.20	-32.70	peak
4	5460.000	39.77	-13.81	25.96	54.00	-28.04	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5456.292	57.04	-13.81	43.23	68.20	-30.77	peak
2	5456.292	39.96	-13.81	26.15	54.00	-27.85	AVG
3	5460.000	55.16	-13.81	41.35	68.20	-32.65	peak
4	5460.000	39.70	-13.81	25.89	54.00	-28.11	AVG

802.11ac20-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5719.048	59.91	-13.14	46.77	68.20	-27.23	peak
2	5719.048	40.99	-13.14	27.85	54.00	-26.15	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5721.292	63.61	-13.14	50.47	68.20	-23.53	peak
2	5721.292	41.60	-13.14	28.46	54.00	-25.54	AVG

802.11n40-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5396.894	56.73	-13.90	42.83	68.20	-25.37	peak
2	5396.894	40.05	-13.90	26.15	54.00	-27.85	AVG
3	5460.000	54.93	-13.81	41.12	68.20	-27.08	peak
4	5460.000	39.55	-13.81	25.74	54.00	-28.26	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5418.136	57.69	-13.87	43.82	68.20	-24.38	peak
2	5418.136	41.35	-13.87	27.48	54.00	-26.52	AVG
3	5460.000	55.14	-13.81	41.33	68.20	-26.87	peak
4	5460.000	39.77	-13.81	25.96	54.00	-28.04	AVG

802.11n40-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5705.721	59.27	-13.17	46.10	68.20	-22.10	peak
2	5705.721	41.58	-13.17	28.41	54.00	-25.59	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5708.727	62.50	-13.16	49.34	68.20	-18.86	peak
2	5708.727	40.34	-13.16	27.18	54.00	-26.82	AVG

802.11ac40-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5425.752	57.08	-13.85	43.23	68.20	-24.97	peak
2	5425.752	41.30	-13.85	27.45	54.00	-26.55	AVG
3	5460.000	55.38	-13.81	41.57	68.20	-26.63	peak
4	5460.000	40.32	-13.81	26.51	54.00	-27.49	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5408.918	56.85	-13.86	42.99	68.20	-25.21	peak
2	5408.918	41.01	-13.86	27.15	54.00	-26.85	AVG
3	5460.000	54.62	-13.81	40.81	68.20	-27.39	peak
4	5460.000	37.99	-13.81	24.18	54.00	-29.82	AVG

802.11ac40-High
Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5714.138	57.48	-13.15	44.33	68.20	-23.87	peak
2	5714.138	40.30	-13.15	27.15	54.00	-26.85	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5702.916	64.22	-13.17	51.05	68.20	-17.15	peak
2	5702.916	45.35	-13.17	32.18	54.00	-21.82	AVG

802.11ac80-Low
Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5411.122	57.49	-13.86	43.63	68.20	-24.57	peak
2	5411.122	41.01	-13.86	27.15	54.00	-26.85	AVG
3	5460.000	57.35	-13.81	43.54	68.20	-24.66	peak
4	5460.000	41.22	-13.81	27.41	54.00	-26.59	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5408.617	57.49	-13.86	43.63	68.20	-24.57	peak
2	5408.617	41.42	-13.86	27.56	54.00	-26.44	AVG
3	5460.000	55.39	-13.81	41.58	68.20	-26.62	peak
4	5460.000	39.92	-13.81	26.11	54.00	-27.89	AVG

802.11ac80-High
Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5678.367	59.59	-13.27	46.32	68.20	-21.88	peak
2	5678.367	40.91	-13.27	27.64	54.00	-26.36	AVG

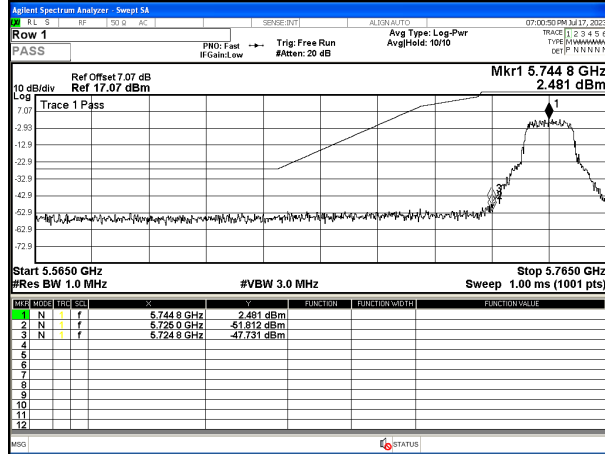
Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5677.224	63.94	-13.28	50.66	68.20	-17.54	peak
2	5677.224	42.74	-13.28	29.46	54.00	-24.54	AVG

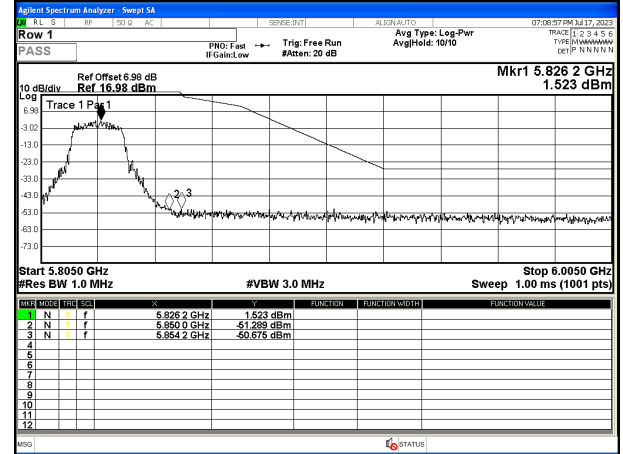


Band IV

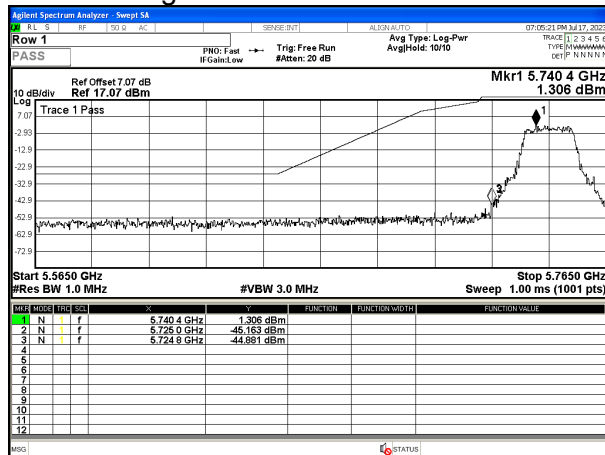
Band Edge NVNT 802.11a 5745MHz



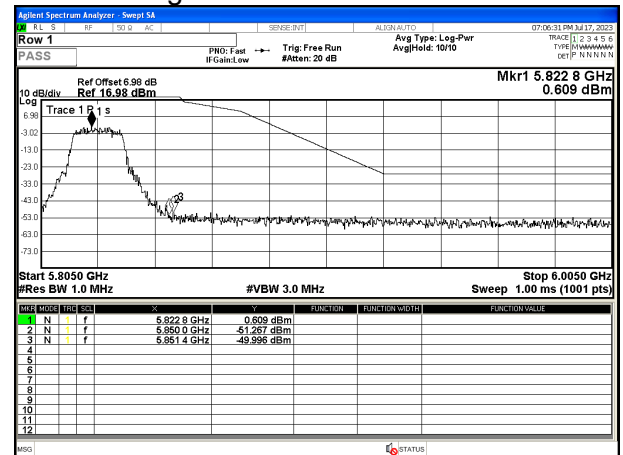
Band Edge NVNT 802.11a 5825MHz



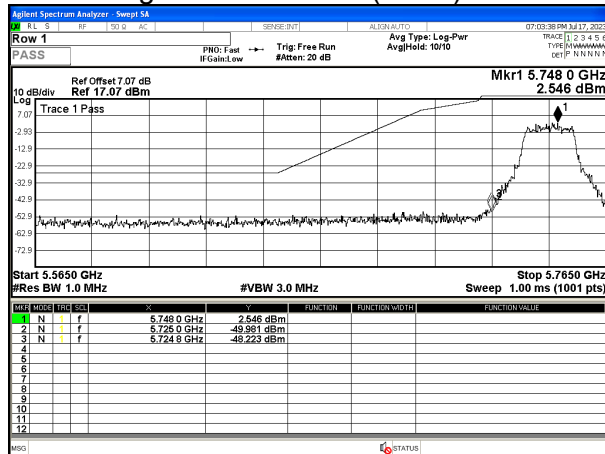
Band Edge NVNT 802.11ac20 5745MHz



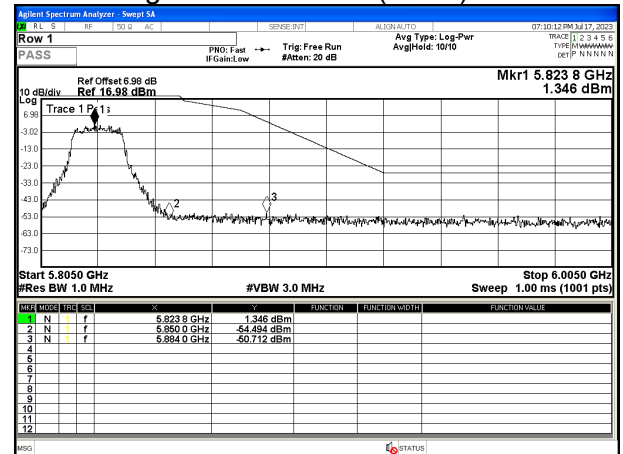
Band Edge NVNT 802.11ac20 5825MHz



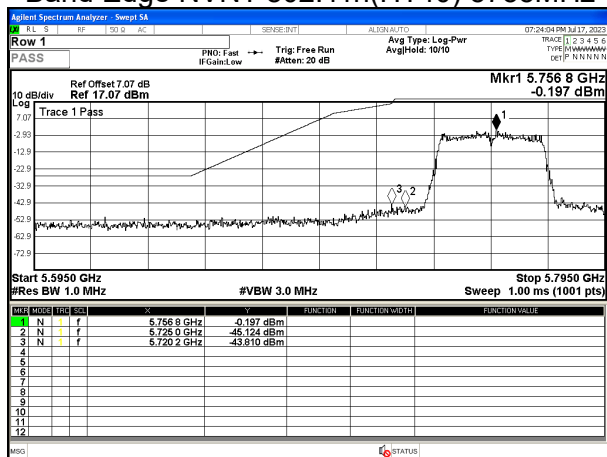
Band Edge NVNT 802.11n(HT20) 5745MHz



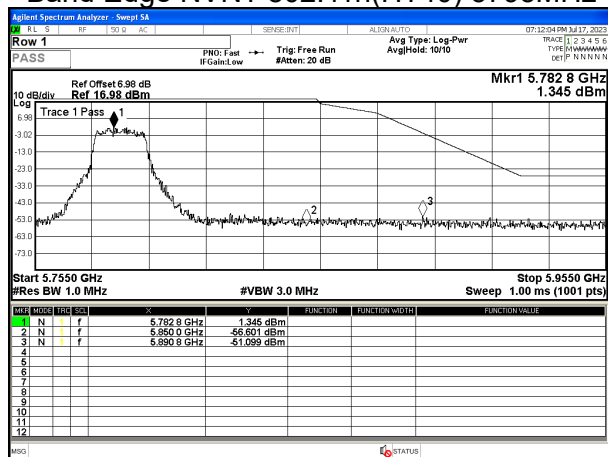
Band Edge NVNT 802.11n(HT20) 5825MHz



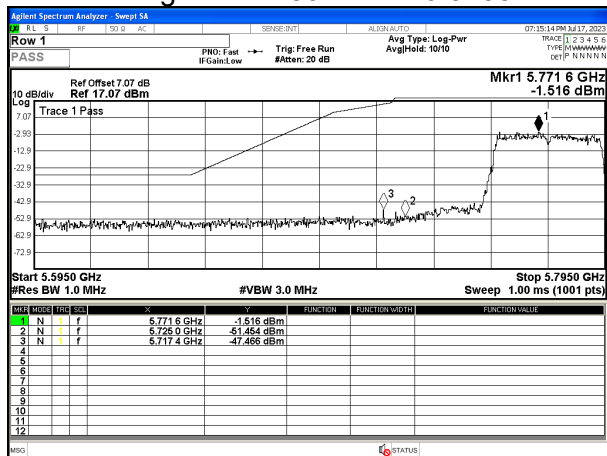
Band Edge NVNT 802.11n(HT40) 5755MHz



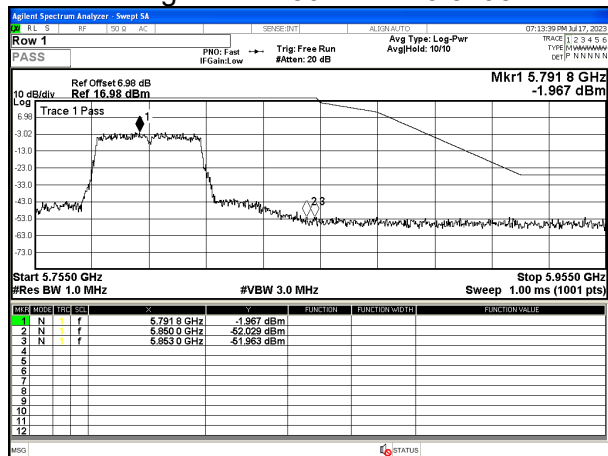
Band Edge NVNT 802.11n(HT40) 5795MHz



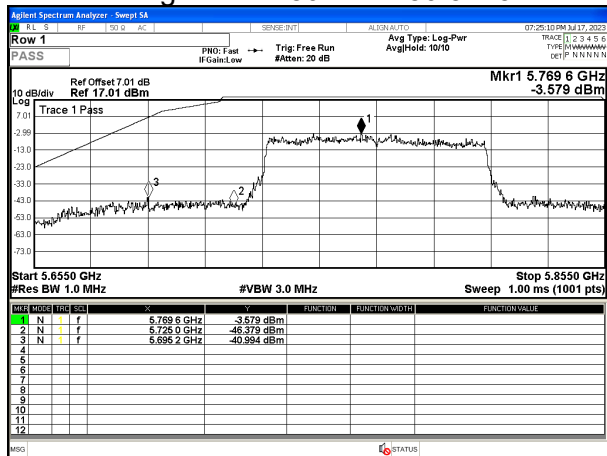
Band Edge NVNT 802.11ac40 5755MHz



Band Edge NVNT 802.11ac40 5795MHz



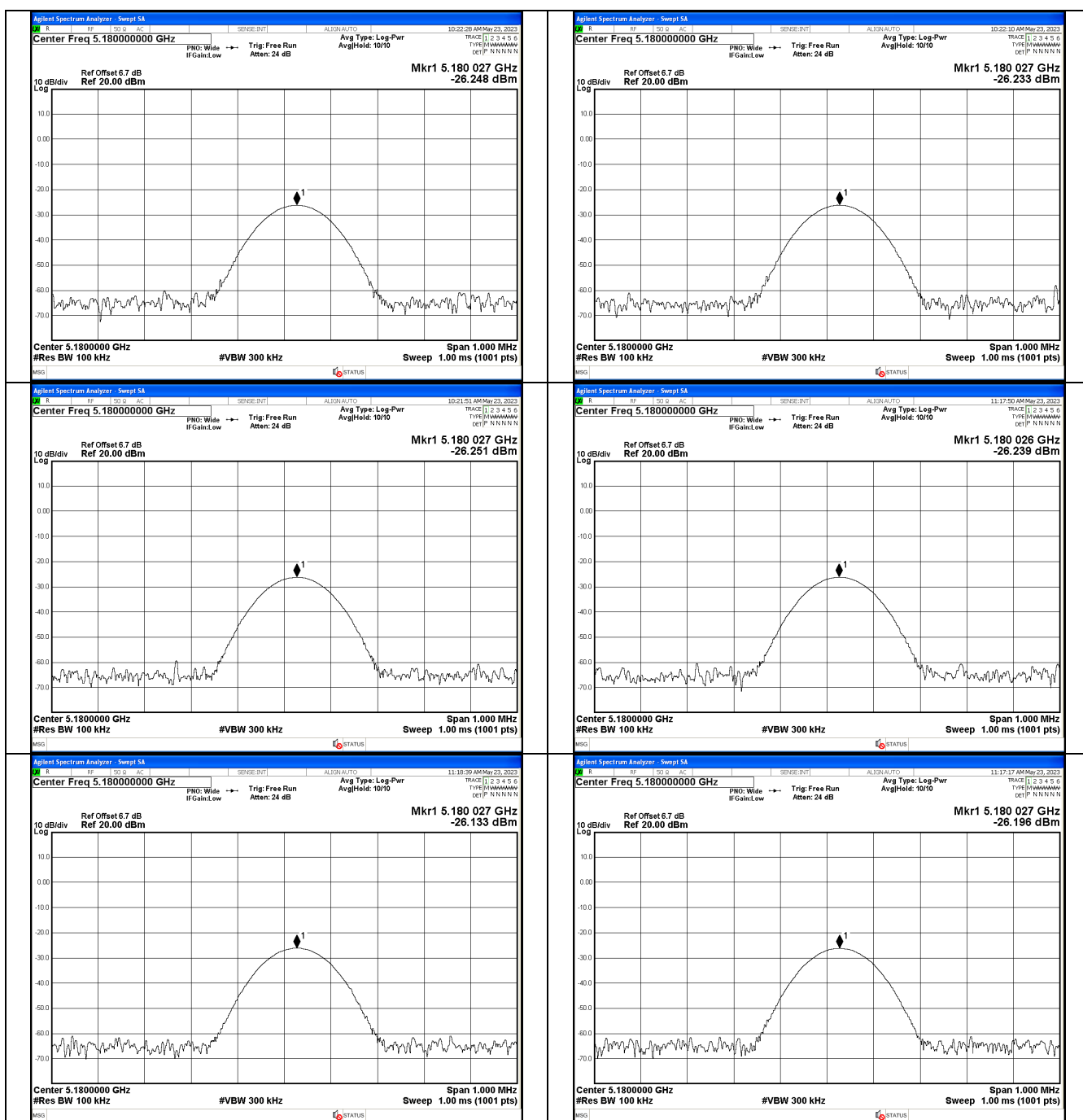
Band Edge NVNT 802.11ac80 5775MHz

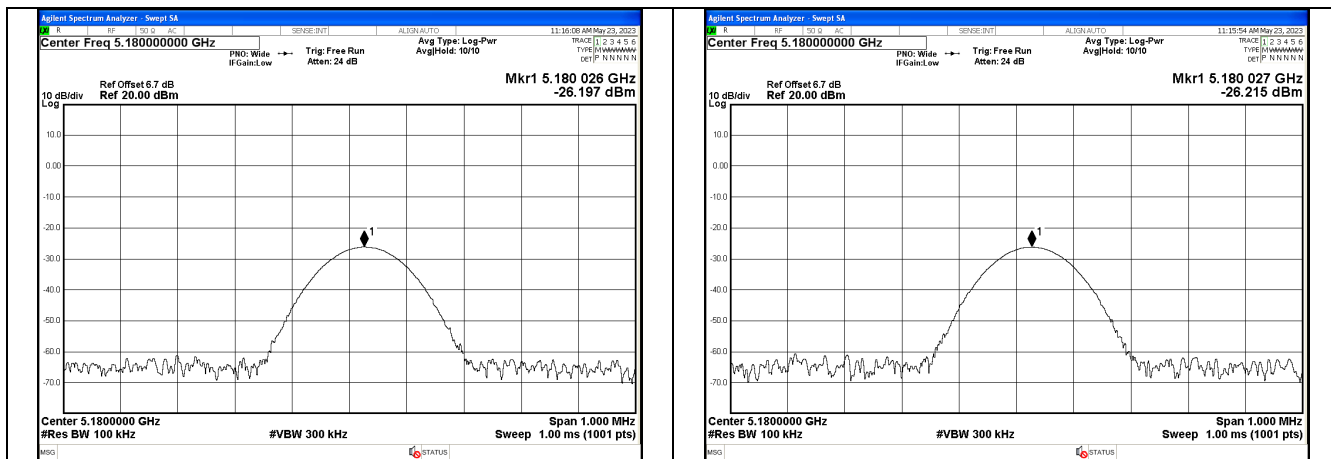


Appendix A.3 Test Results of Frequency Stability

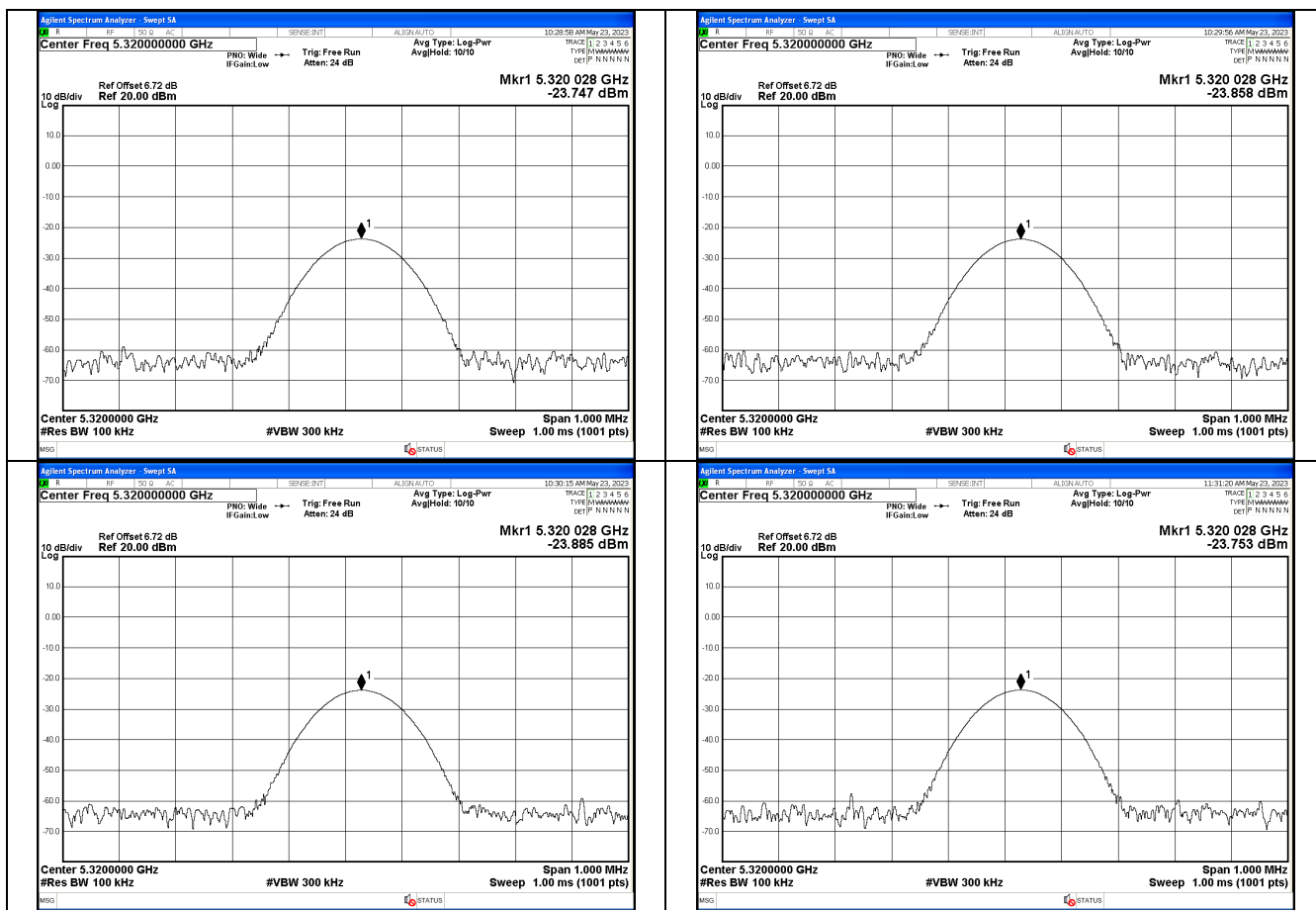
Wi-Fi 802.11a mode:

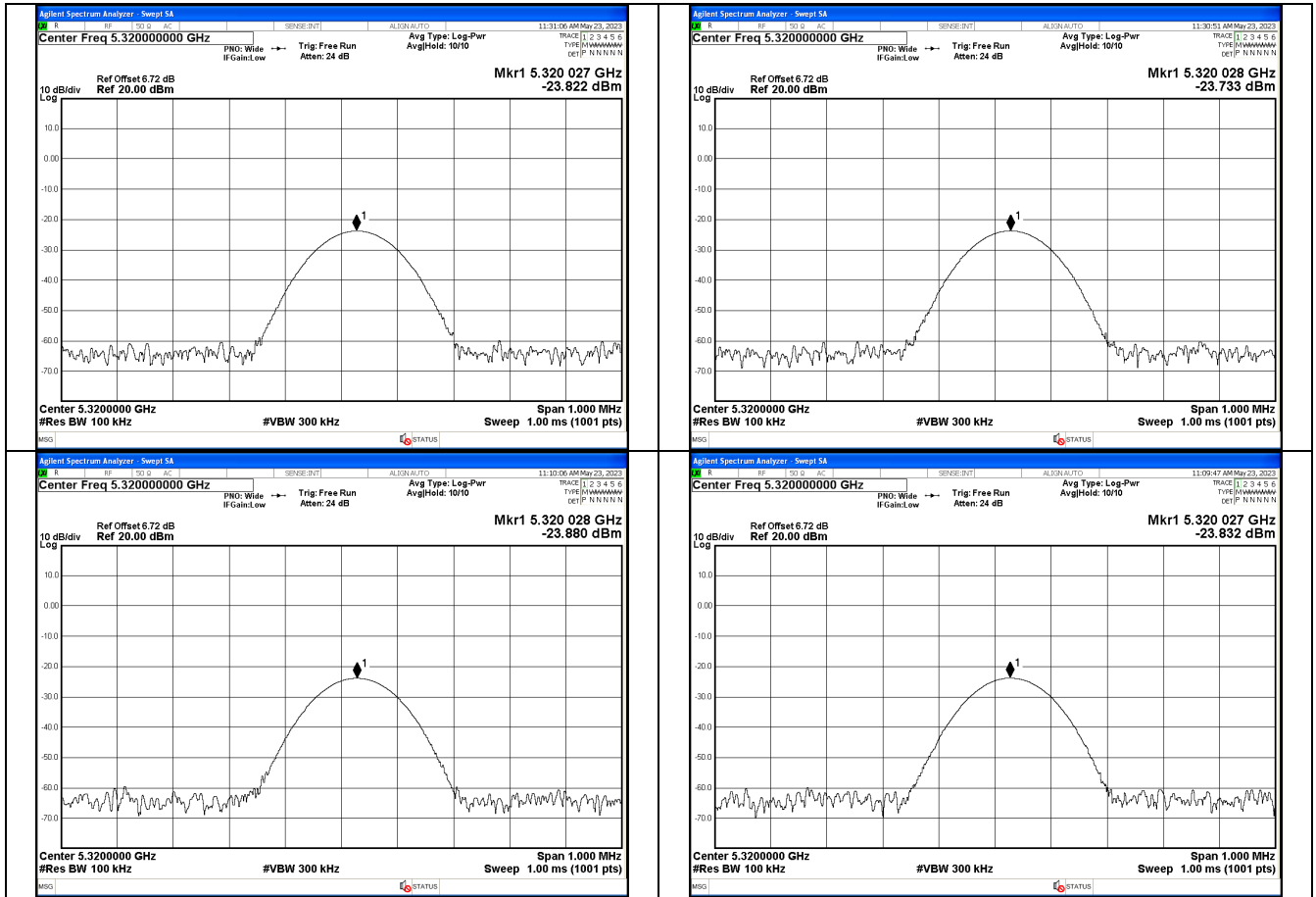
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5180	12	-10	5180.027	5.12	25	Pass
		0	5180.027	5.12	25	Pass
		10	5180.027	5.12	25	Pass
		20	5180.026	5.02	25	Pass
		30	5180.027	5.12	25	Pass
		40	5180.027	5.12	25	Pass
	10.8	25	5180.026	5.02	25	Pass
	13.2	25	5180.027	5.12	25	Pass



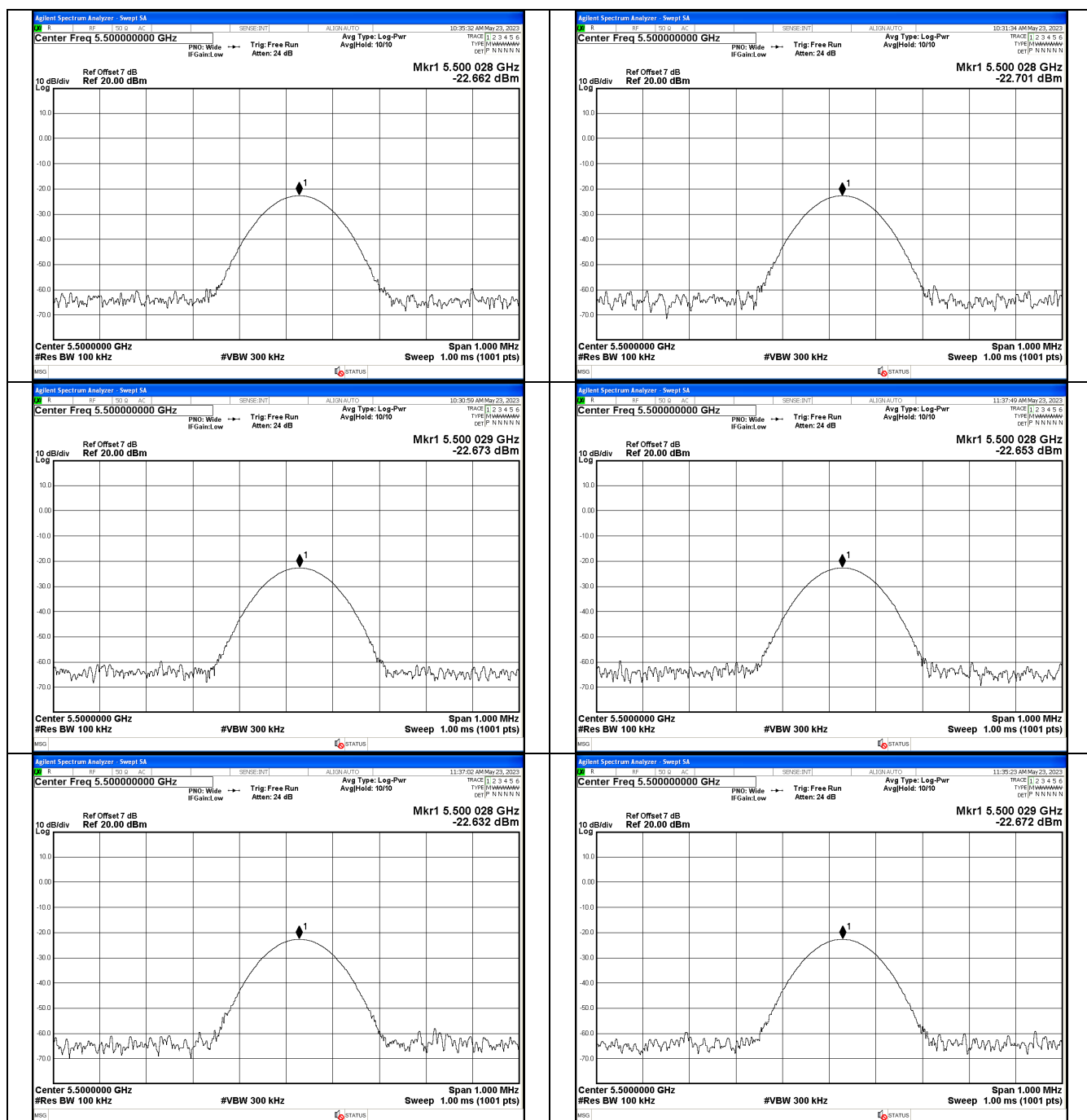


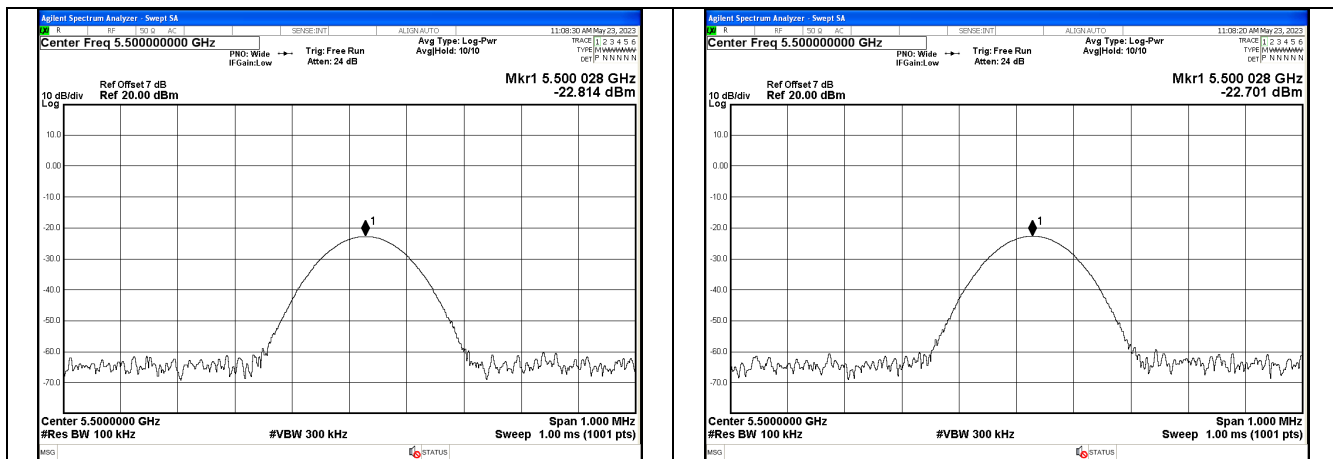
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5320	12	-10	5320.028	5.17	25	Pass
		0	5320.028	5.17	25	Pass
		10	5320.028	5.17	25	Pass
		20	5320.028	5.17	25	Pass
		30	5320.027	5.08	25	Pass
		40	5320.028	5.17	25	Pass
	10.8	25	5320.028	5.17	25	Pass
	13.2	25	5320.027	5.08	25	Pass



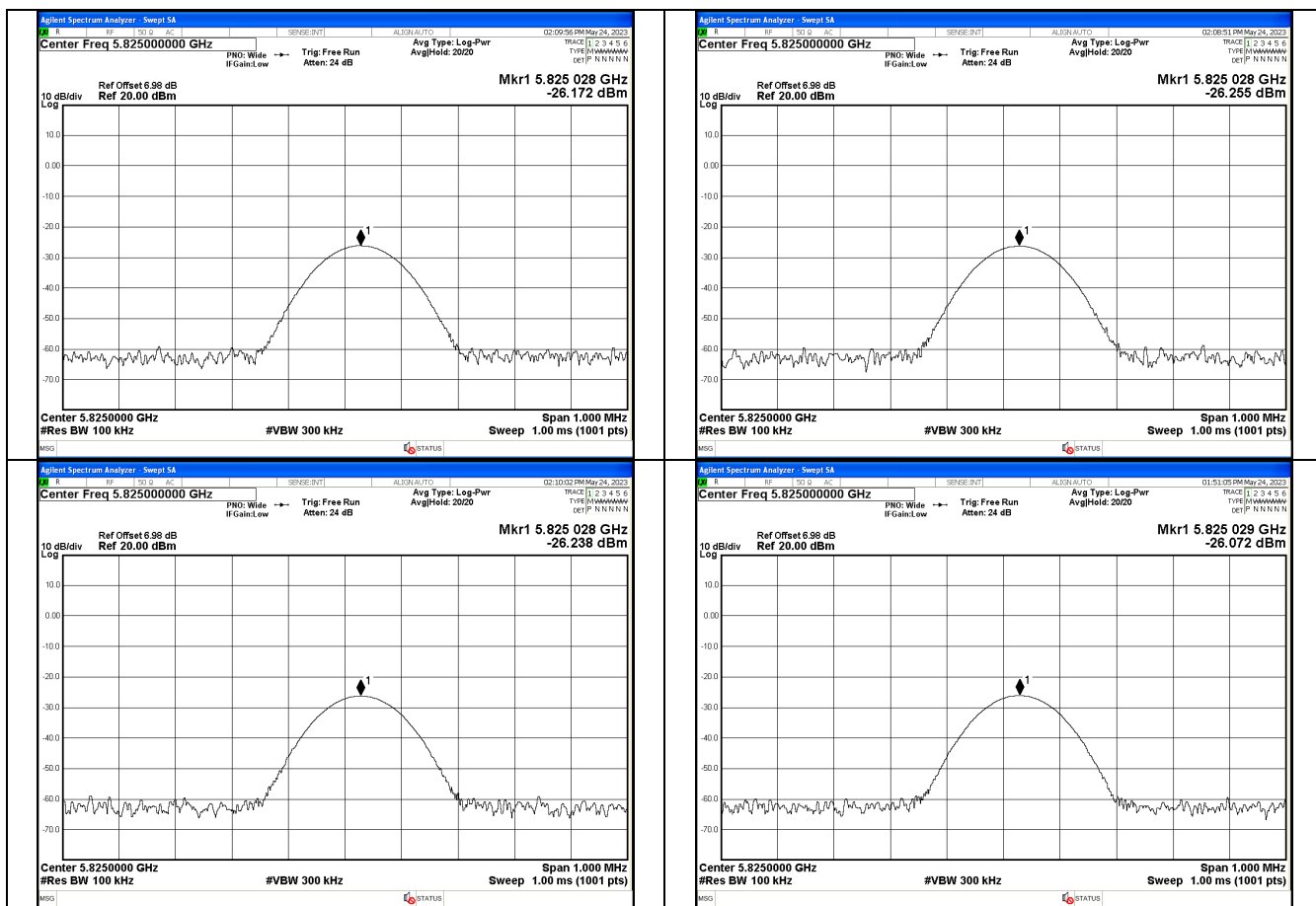


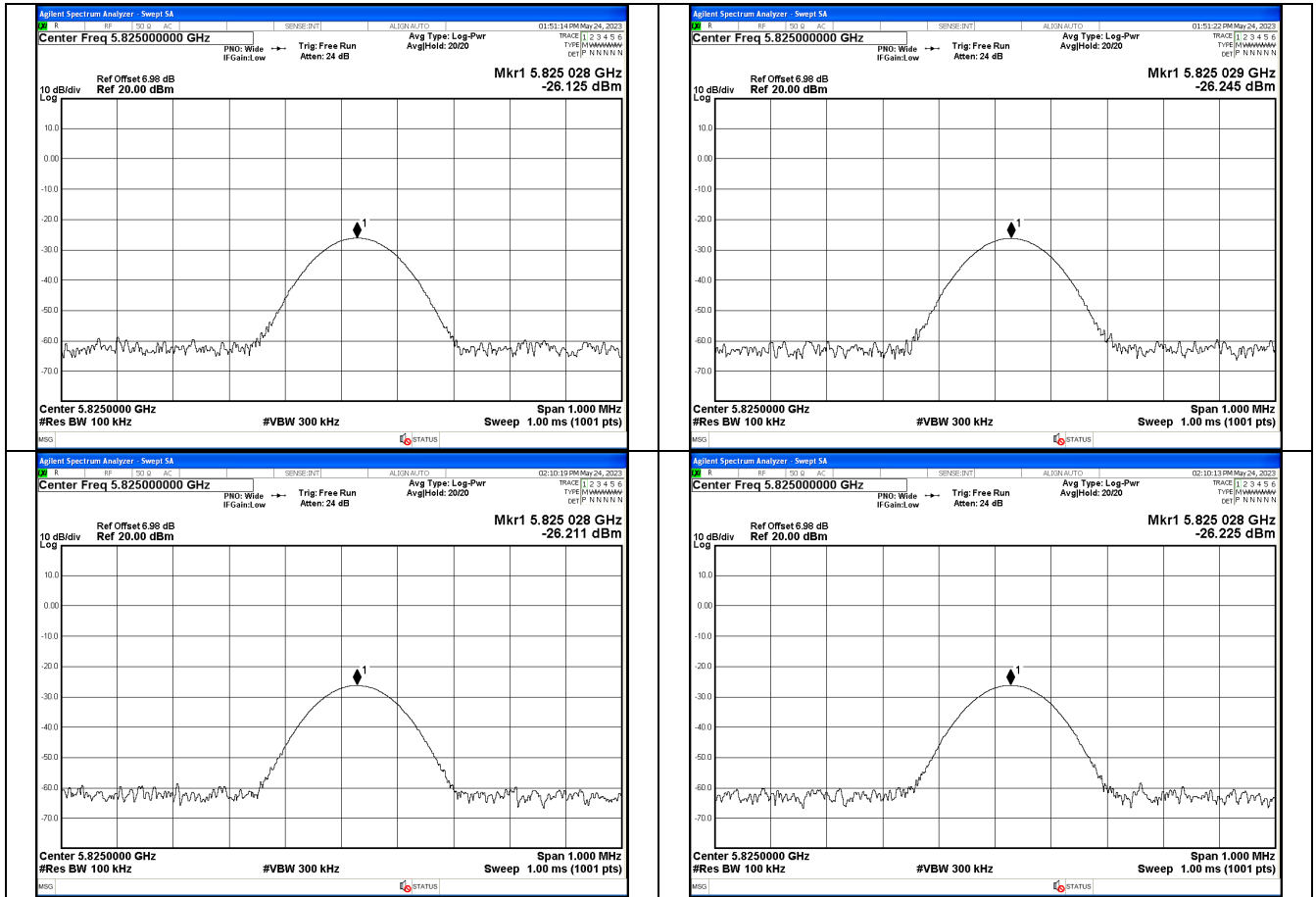
Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5500	12	-10	5500.028	5.09	25	Pass
		0	5500.028	5.09	25	Pass
		10	5500.0285	5.18	25	Pass
		20	5500.028	5.09	25	Pass
		30	5500.028	5.09	25	Pass
		40	5500.029	5.18	25	Pass
	10.8	25	5500.028	5.09	25	Pass
	13.2	25	5500.028	5.09	25	Pass





Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Result
5825	12	-10	5825.028	4.72	25	Pass
		0	5825.028	4.81	25	Pass
		10	5825.028	4.72	25	Pass
		20	5825.029	4.89	25	Pass
		30	5825.028	4.81	25	Pass
		40	5825.029	4.89	25	Pass
	10.8	25	5825.028	4.72	25	Pass
	13.2	25	5825.028	4.72	25	Pass

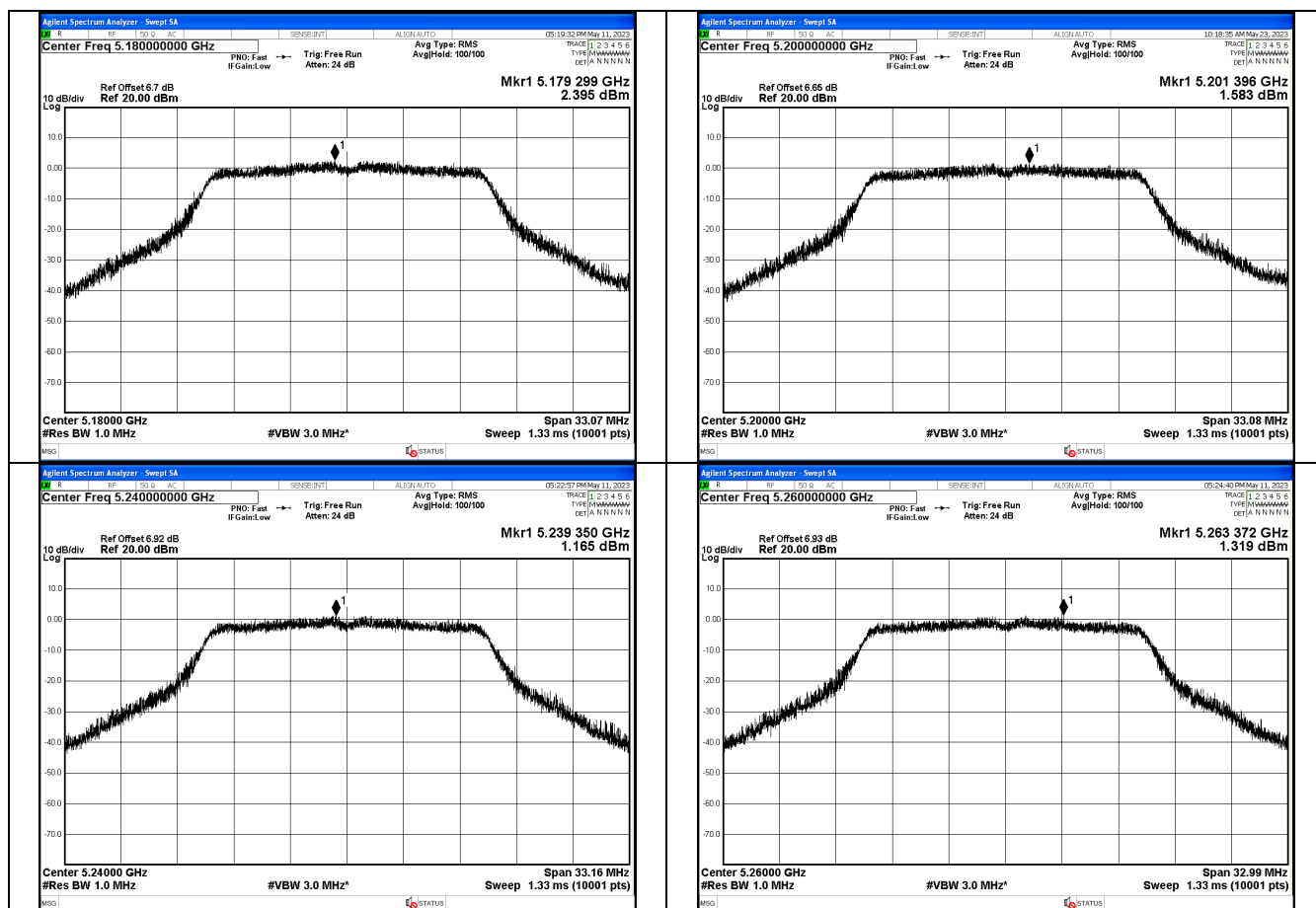


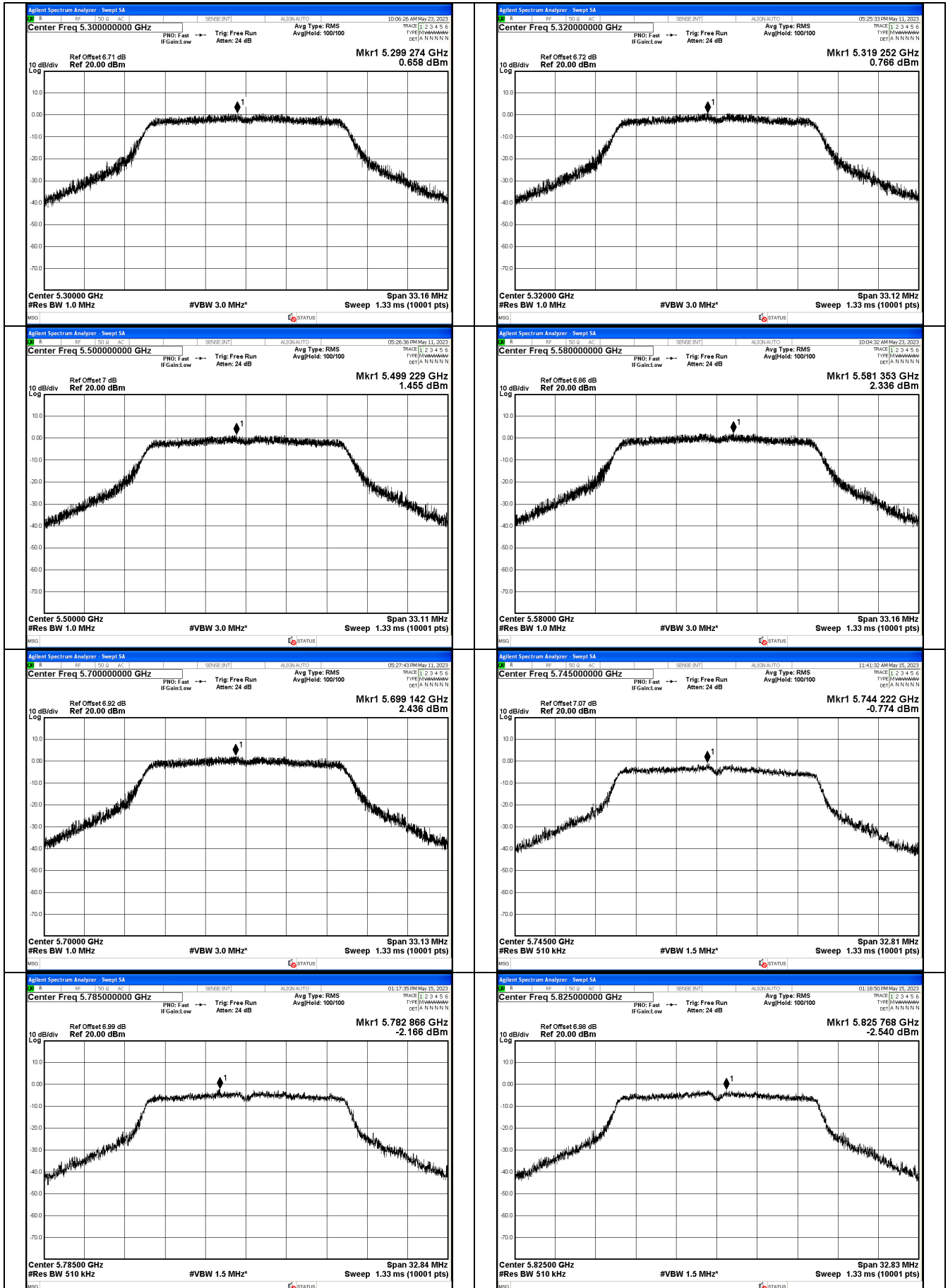


Appendix A.4 Test Results of Conducted Power Spectral Density

802.11a mode:						
CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
36	5180	2.395	/	/	11	Pass
44	5200	1.583	/	/	11	Pass
48	5240	1.165	/	/	11	Pass
52	5260	1.319	/	/	11	Pass
56	5300	0.658	/	/	11	Pass
64	5320	0.766	/	/	11	Pass
100	5500	1.455	/	/	11	Pass
116	5580	2.336	/	/	11	Pass
140	5700	2.436	/	/	11	Pass

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	-0.774	/	/	30	Pass
157	5785	-2.166	/	/	30	Pass
165	5825	-2.54	/	/	30	Pass



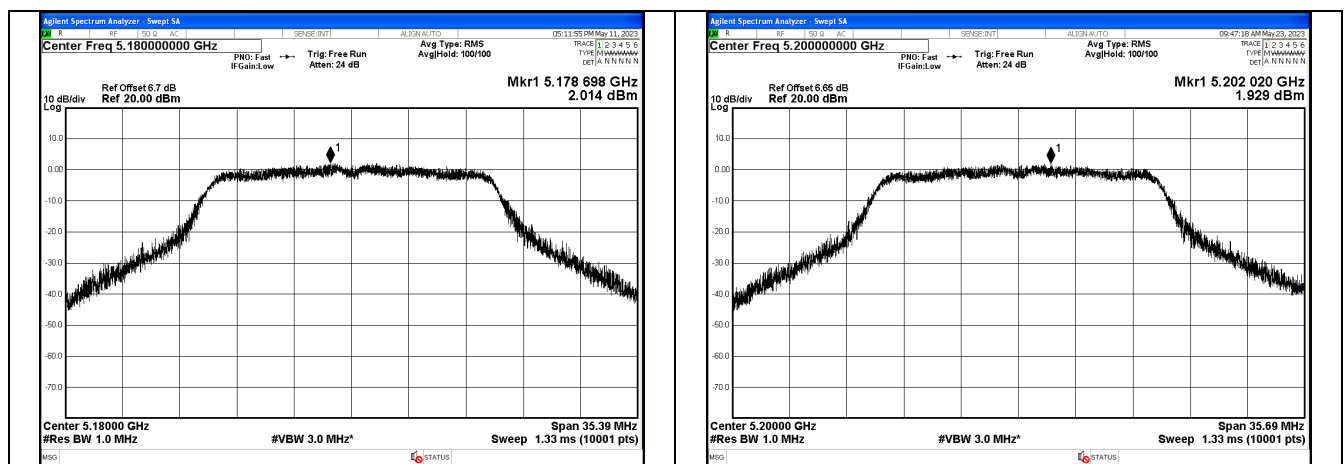


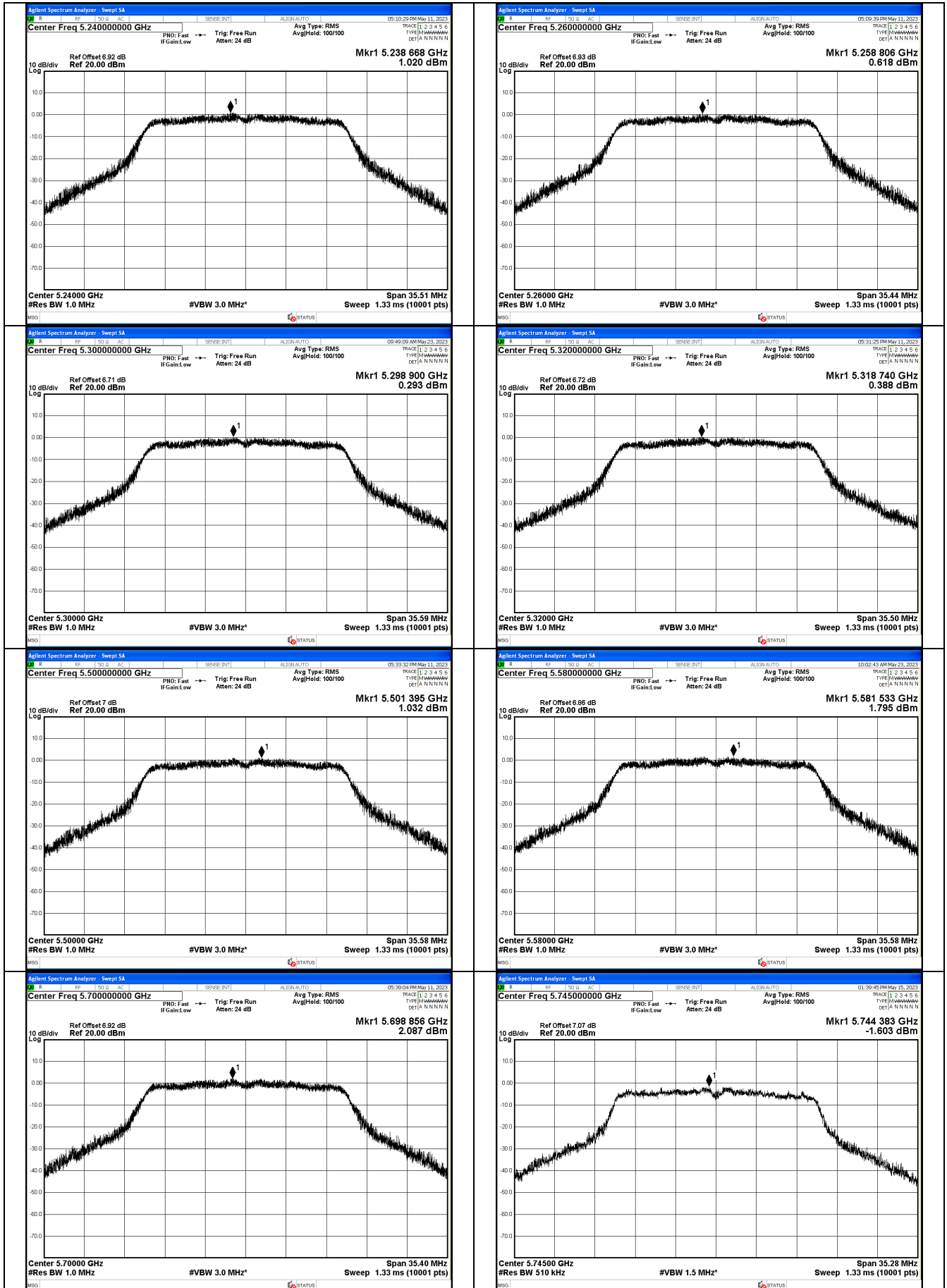
802.11n20 mode:						
CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
36	5180	2.014	/	/	11	Pass
44	5200	1.929	/	/	11	Pass
48	5240	1.02	/	/	11	Pass
52	5260	0.618	/	/	11	Pass
56	5300	0.293	/	/	11	Pass
64	5320	0.388	/	/	11	Pass
100	5500	1.032	/	/	11	Pass
116	5580	1.795	/	/	11	Pass
140	5700	2.087	/	/	11	Pass

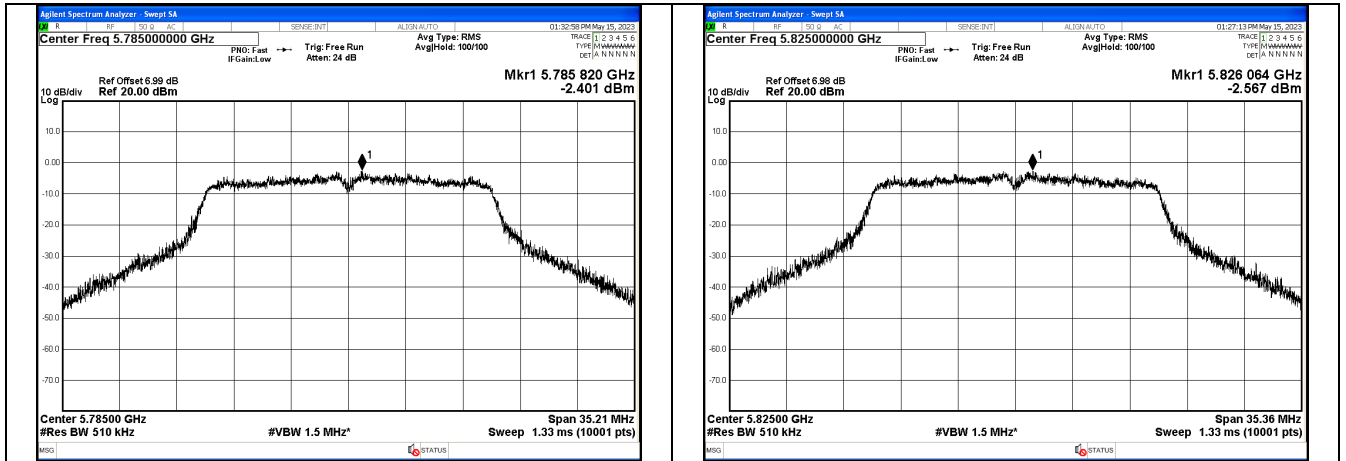
CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	-1.603	/	/	30	Pass
157	5785	-2.401	/	/	30	Pass
165	5825	-2.567	/	/	30	Pass

Note:

- (1) The measurement power spectral density for U-NII-1 band is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.
- (2) For U-NII-1 band the limit is the e.i.r.p. spectral density, for U-NII-2A/2C/3 is the conducted spectral density.



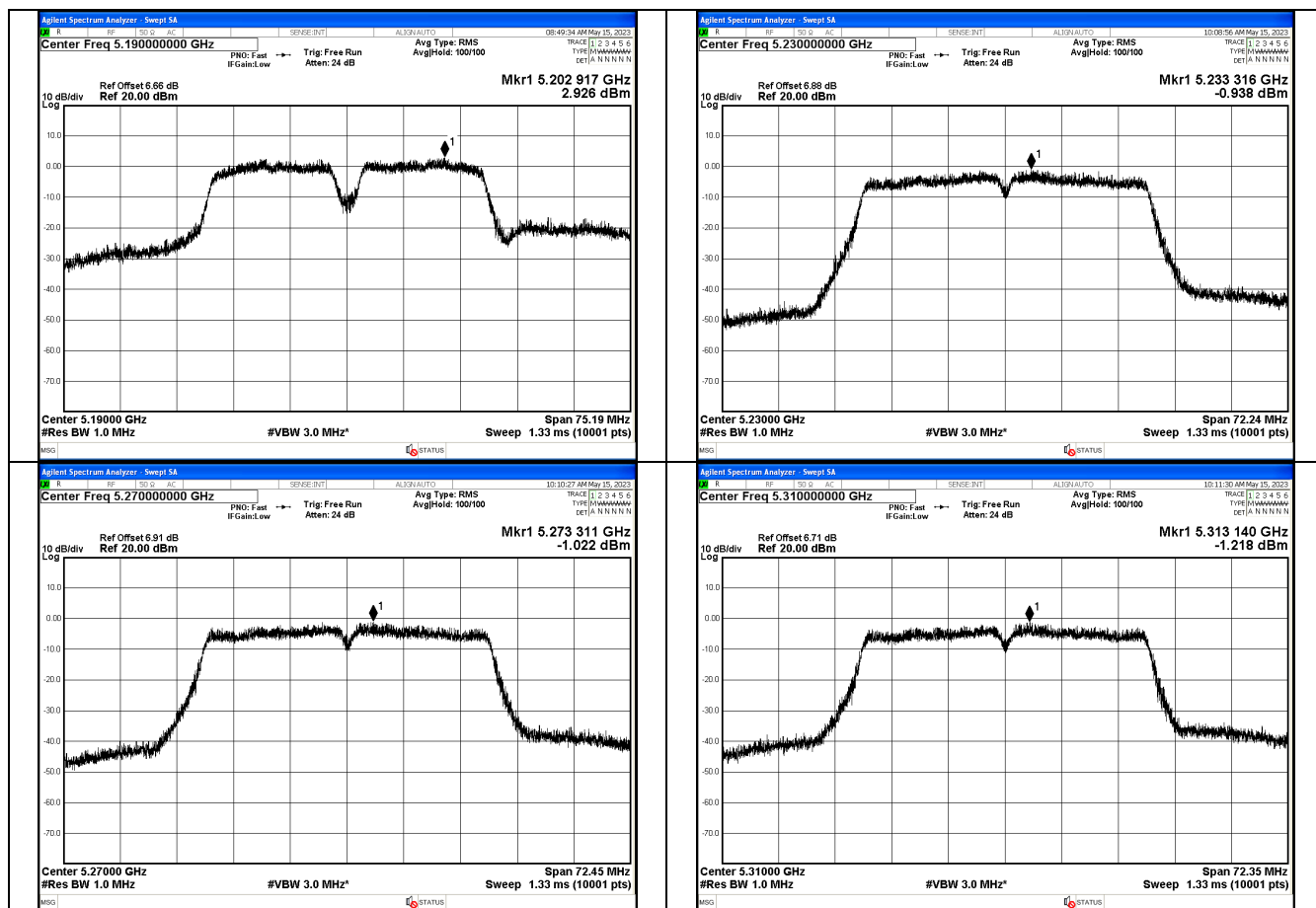


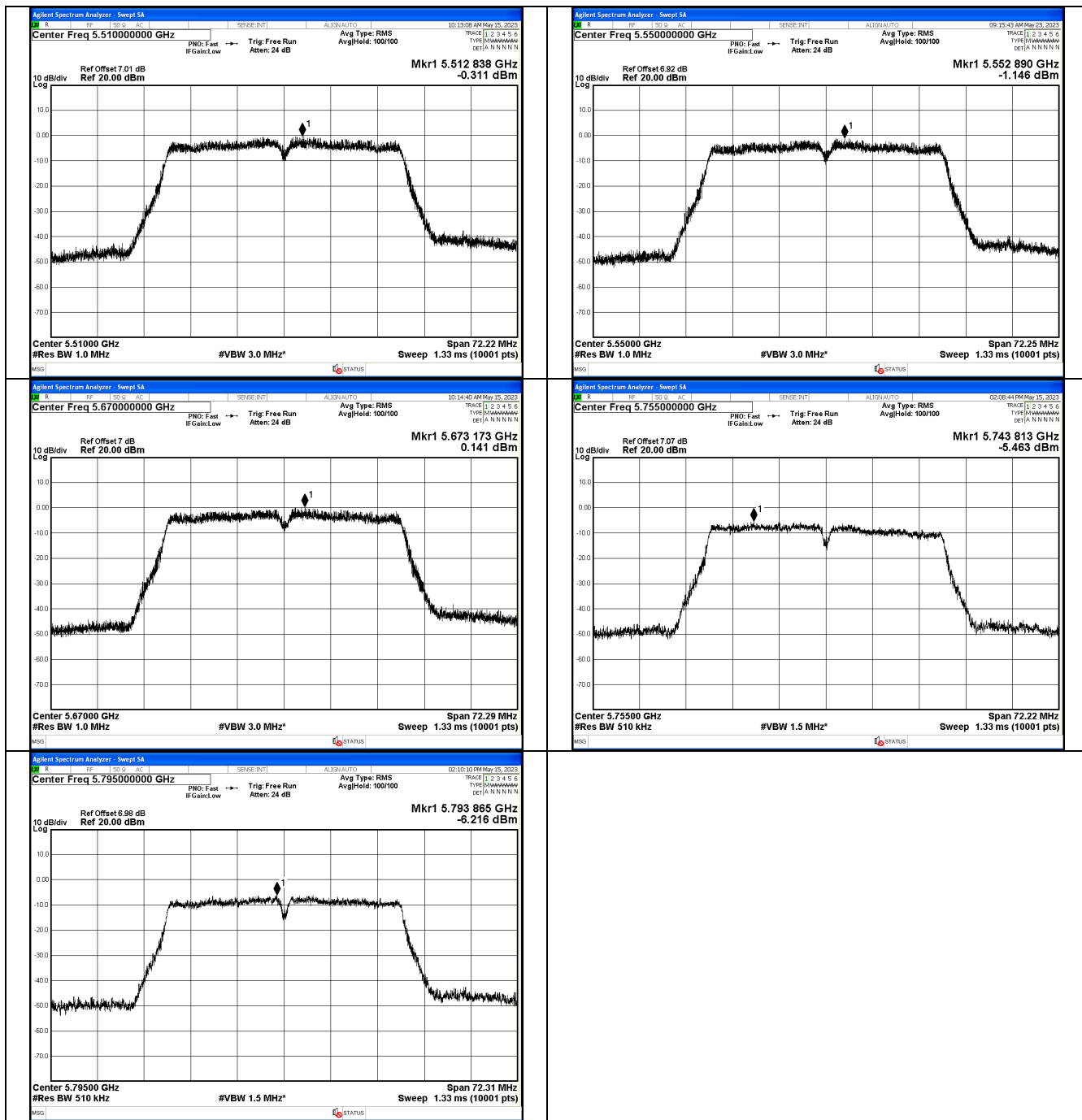


802.11n40 mode:

CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
38	5190	2.926	/	/	11	Pass
46	5230	-0.938	/	/	11	Pass
54	5270	-1.022	/	/	11	Pass
62	5310	-1.218	/	/	11	Pass
102	5510	-0.311	/	/	11	Pass
110	5550	-1.146	/	/	11	Pass
134	5670	0.141	/	/	11	Pass

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
151	5755	-5.463	/	/	30	Pass
159	5795	-6.216	/	/	30	Pass

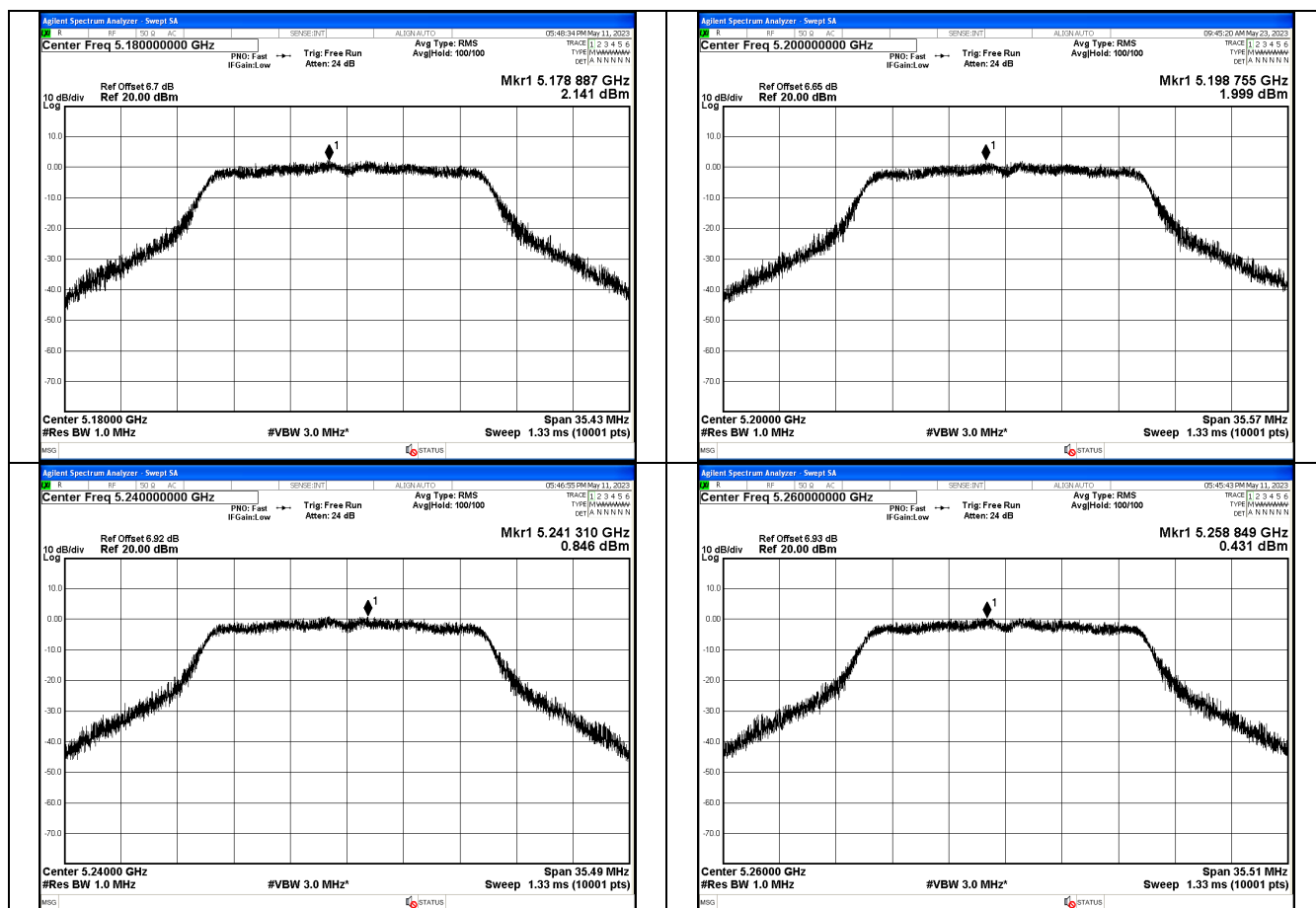


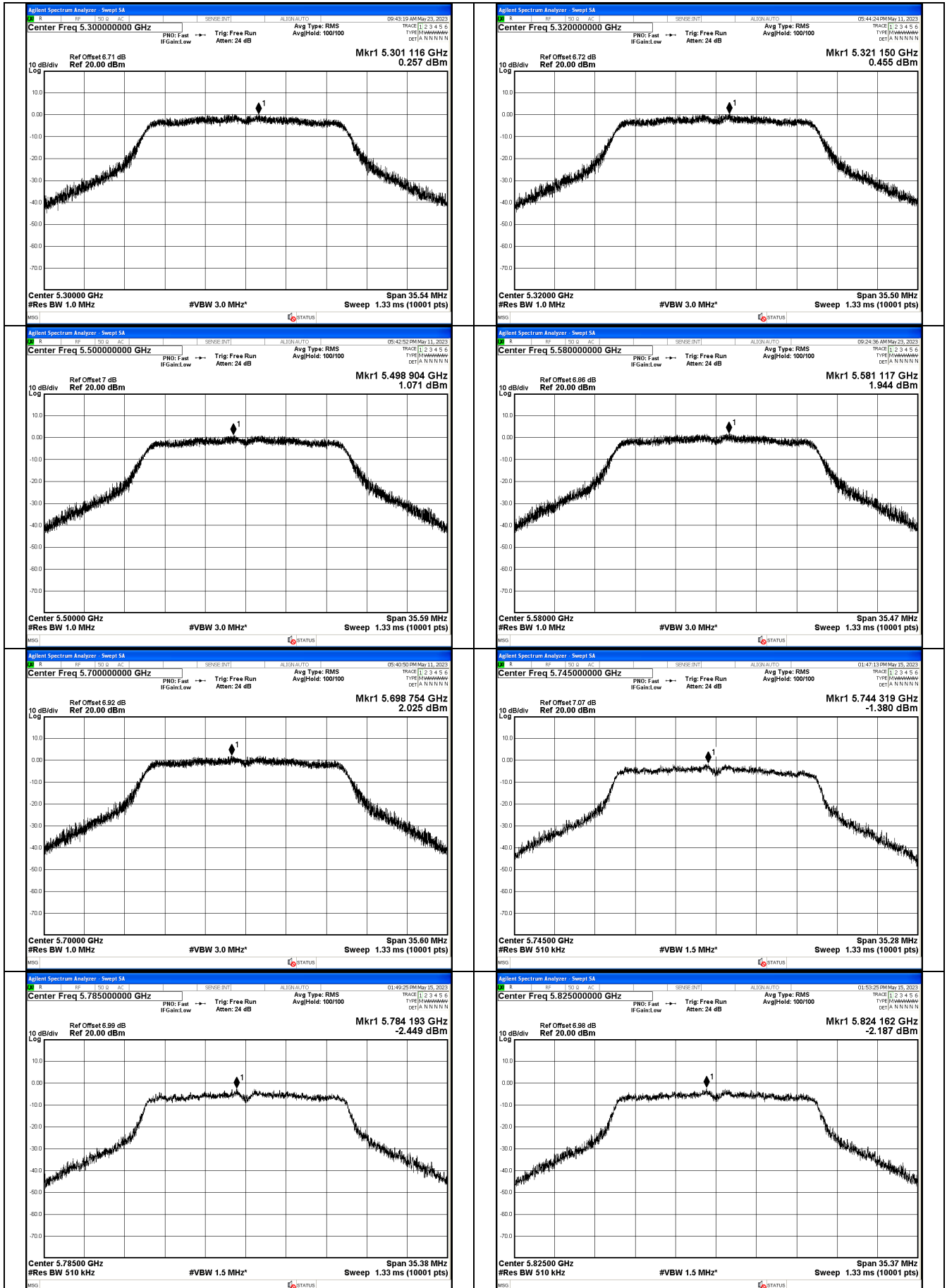


802.11ac20 mode:

CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
36	5180	2.141	/	/	11	Pass
44	5200	1.999	/	/	11	Pass
48	5240	0.846	/	/	11	Pass
52	5260	0.431	/	/	11	Pass
56	5300	0.257	/	/	11	Pass
64	5320	0.455	/	/	11	Pass
100	5500	1.071	/	/	11	Pass
116	5580	1.944	/	/	11	Pass
140	5700	2.025	/	/	11	Pass

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
149	5745	-1.38	/	/	30	Pass
157	5785	-2.449	/	/	30	Pass
165	5825	-2.187	/	/	30	Pass





802.11ac40 mode:

CH	Freq.	ANT1_Power Spectral Density (dBm/MHz)	ANT2_Power Spectral Density (dBm/MHz)	Total_Power Spectral Density (dBm/MHz)	FCC Limit (dBm/MHz)	Result
38	5190	-1.931	/	/	11	Pass
46	5230	-1.094	/	/	11	Pass
54	5270	-1.159	/	/	11	Pass
62	5310	-1.775	/	/	11	Pass
102	5510	-0.569	/	/	11	Pass
110	5550	-1.306	/	/	11	Pass
134	5670	-0.162	/	/	11	Pass

CH	Freq.	ANT1_Power Spectral Density (dBm/500KHz)	ANT2_Power Spectral Density (dBm/500K Hz)	Total_Power Spectral Density (dBm/500K Hz)	Limit (dBm/500KHz)	Result
151	5755	-5.229	/	/	30	Pass
159	5795	-6.339	/	/	30	Pass

