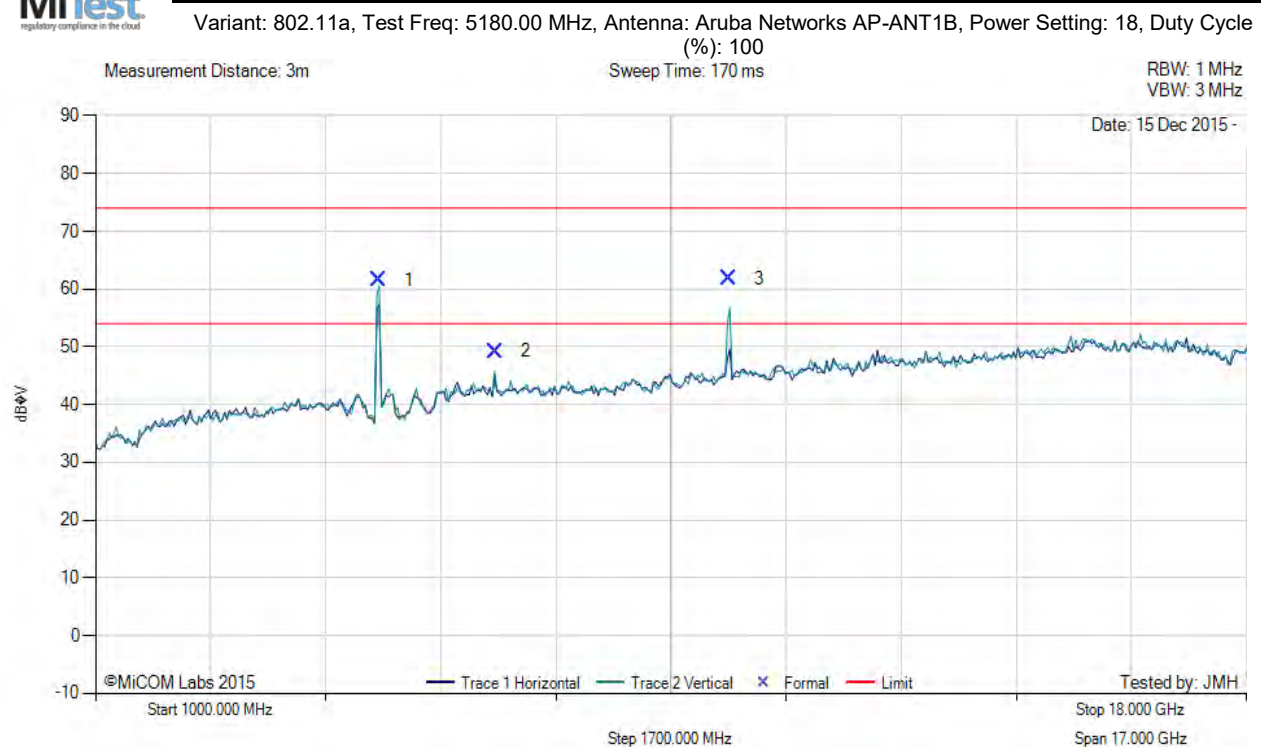


A.3. Restricted Band Emissions

A.3.1 AP-ANT-1B



RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5186.25	69.38	3.68	-11.49	61.57	Fundamental	Vertical	100	1	--	--	
2	6906.65	52.68	4.11	-7.54	49.25	Peak (NRB)	Vertical	151	192	--	--	Pass
3	10357.80	61.55	5.55	-5.28	61.82	Peak (NRB)	Vertical	151	360	--	--	Pass

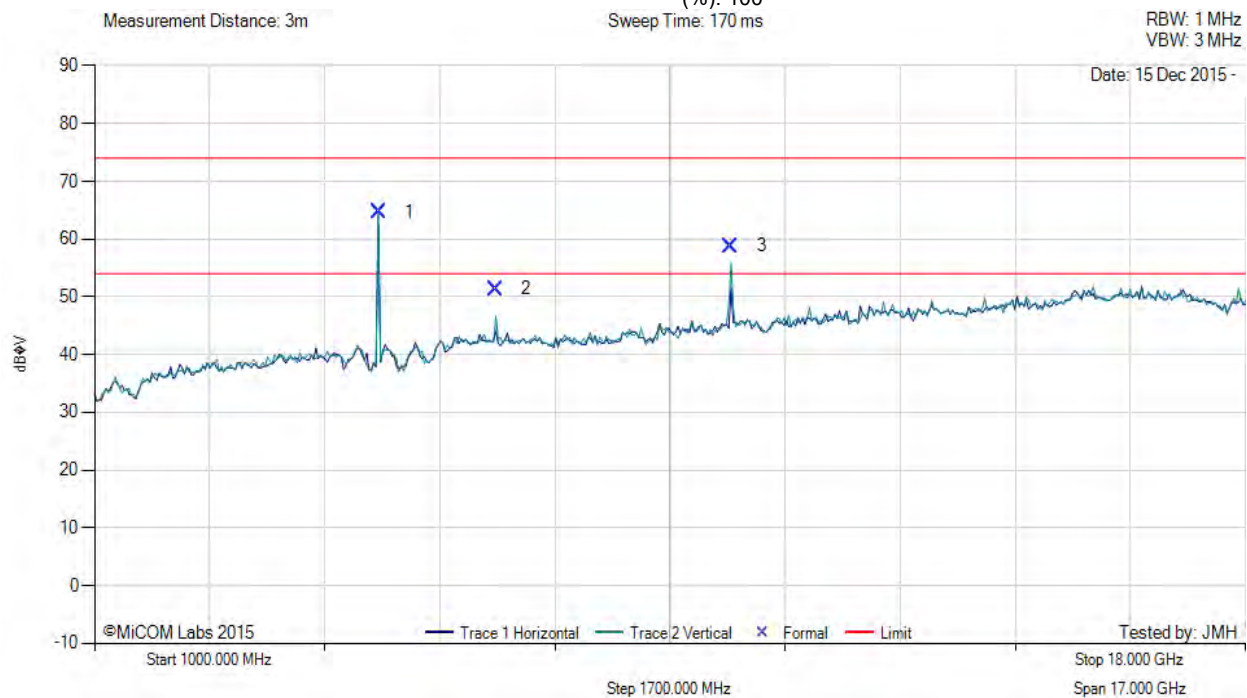
Test Notes: EUT on 150cm table, powered by PDSine 90001 GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT1B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5196.91	72.41	3.66	-11.47	64.60	Fundamental	Vertical	101	0	--	--	
2	6933.35	54.73	4.11	-7.49	51.35	Peak (NRB)	Vertical	151	7	--	--	Pass
3	10403.25	58.40	5.42	-5.02	58.80	Peak (NRB)	Vertical	151	7	--	--	Pass

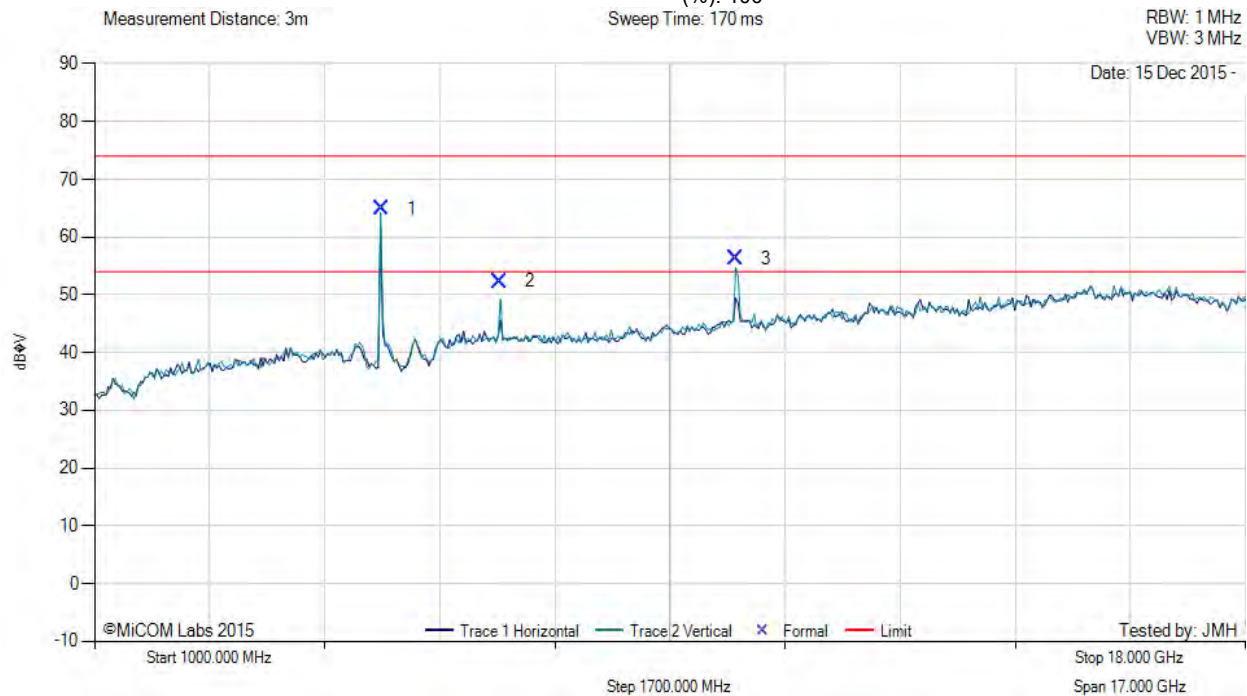
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT1B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5236.83	72.66	3.63	-11.37	64.92	Fundamental	Vertical	101	1	--	--	
2	6986.72	55.66	4.13	-7.45	52.34	Peak (NRB)	Vertical	151	9	--	--	Pass
3	10477.19	55.37	5.44	-4.48	56.33	Peak (NRB)	Vertical	151	9	--	--	Pass

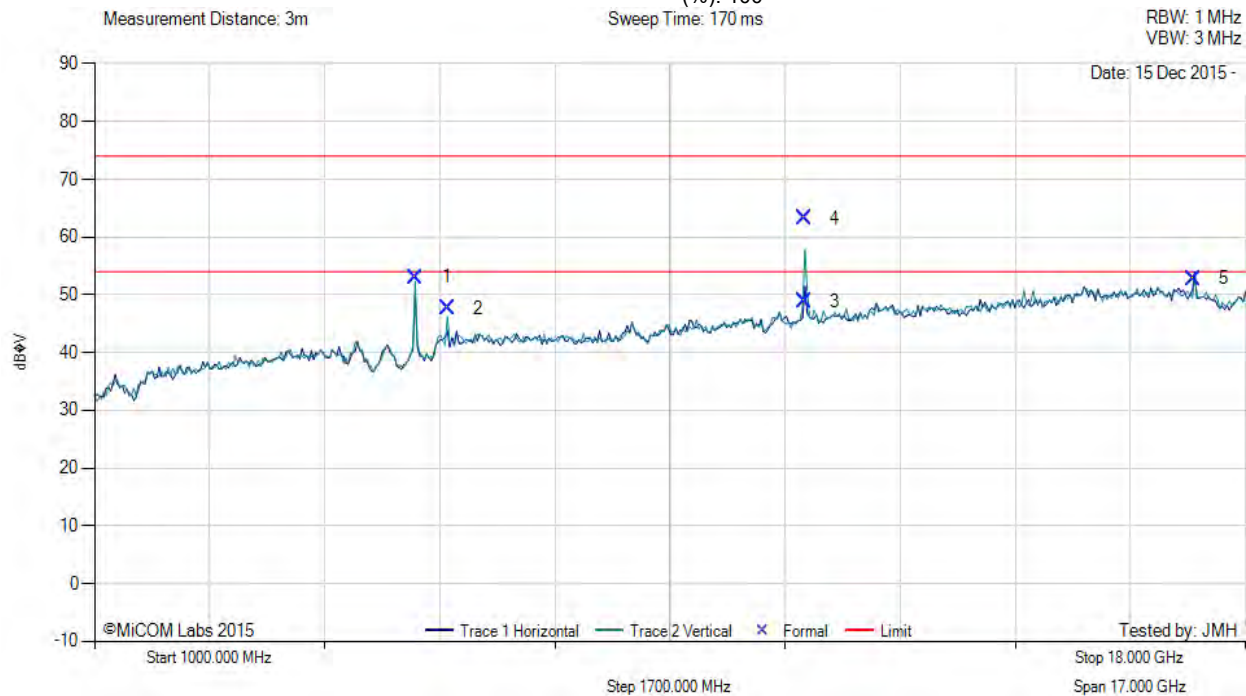
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT1B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5747.85	59.81	3.85	-10.63	53.03	Fundamental	Vertical	101	0	--	--	
2	6216.89	52.59	3.91	-8.80	47.70	Peak (NRB)	Vertical	151	360	--	--	Pass
3	11489.02	48.19	5.45	-4.85	48.79	Max Avg	Vertical	150	323	54.0	-5.2	Pass
4	11489.02	62.63	5.45	-4.85	63.23	Max Peak	Vertical	150	323	74.0	-10.8	Pass
5	17238.56	46.03	6.47	0.34	52.84	Peak (NRB)	Horizontal	151	360	--	--	Pass

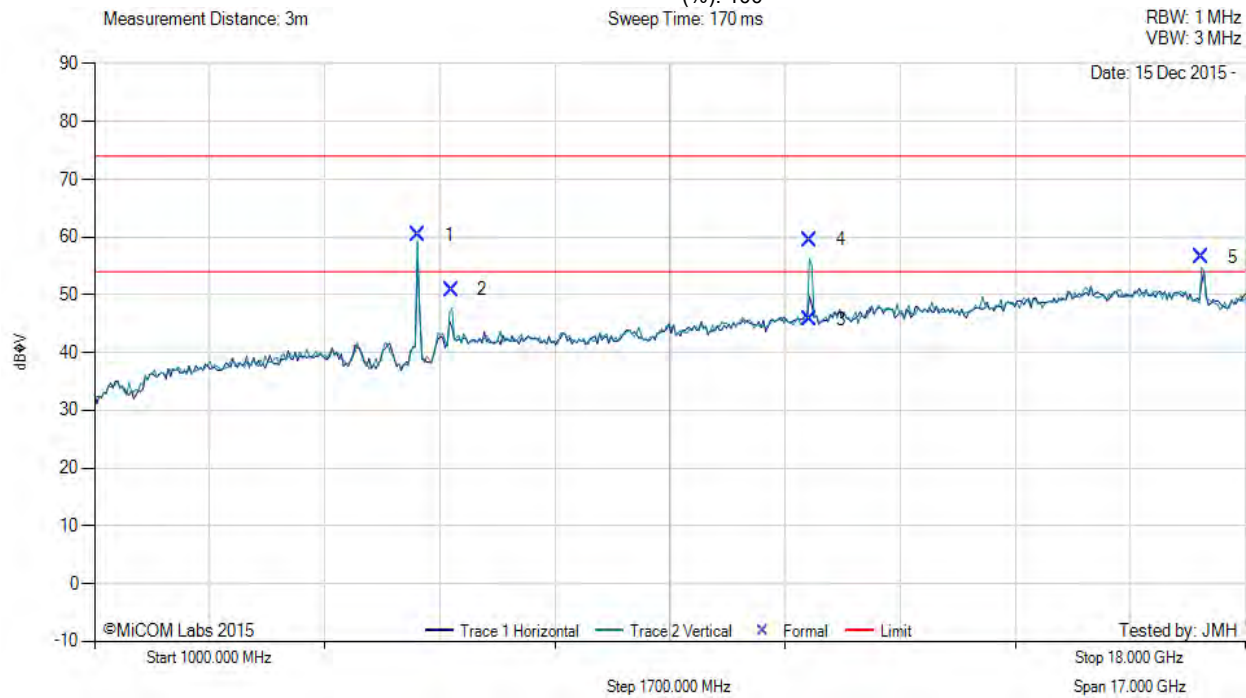
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT1B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5787.62	66.99	3.79	-10.43	60.35	Fundamental	Vertical	101	1	--	--	
2	6270.63	55.44	3.92	-8.51	50.85	Peak (NRB)	Vertical	101	1	--	--	Pass
3	11572.22	44.91	5.42	-4.63	45.70	Max Avg	Vertical	142	339	54.0	-8.3	Pass
4	11572.22	58.72	5.42	-4.63	59.51	Max Peak	Vertical	142	339	74.0	-14.5	Pass
5	17354.43	50.19	6.27	-0.01	56.45	Peak (NRB)	Vertical	101	1	--	--	Pass

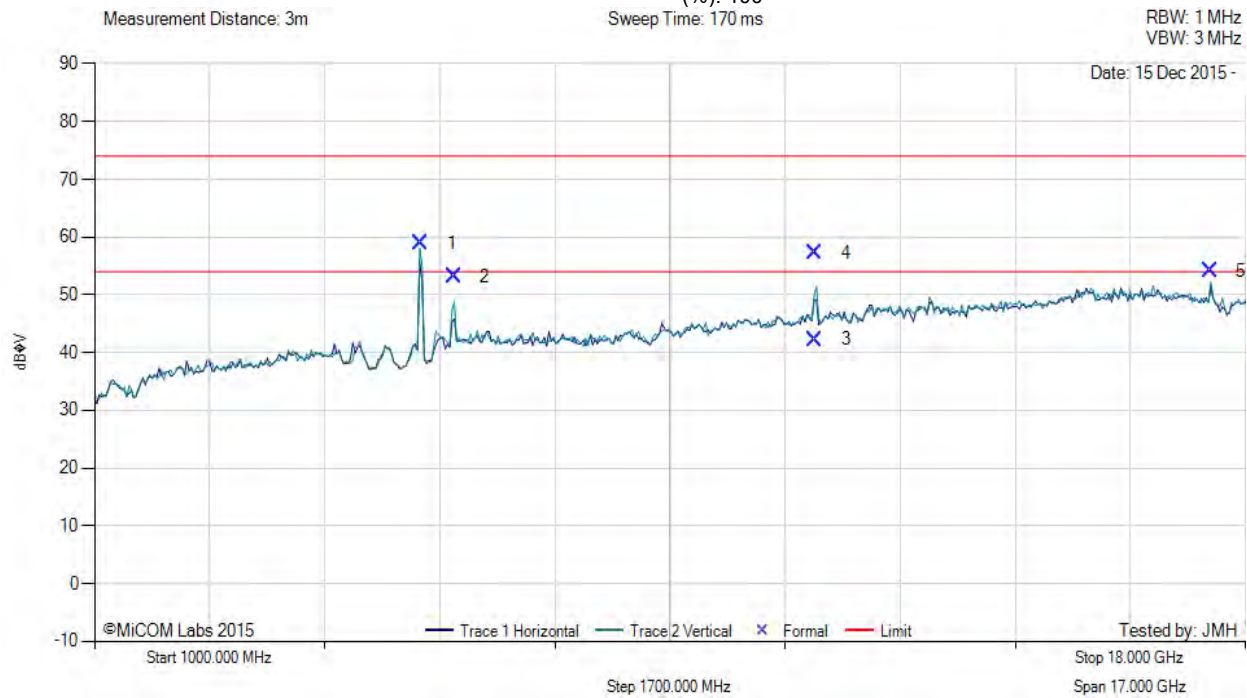
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT1B, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5823.13	65.34	3.83	-10.25	58.92	Fundamental	Vertical	101	1	--	--	
2	6309.30	57.69	3.92	-8.38	53.23	Peak (NRB)	Vertical	101	1	--	--	Pass
3	11648.94	41.28	5.44	-4.47	42.25	Max Avg	Vertical	159	359	54.0	-11.8	Pass
4	11648.94	56.29	5.44	-4.47	57.26	Max Peak	Vertical	159	359	74.0	-16.7	Pass
5	17478.96	48.40	6.33	-0.60	54.13	Peak (NRB)	Vertical	200	1	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

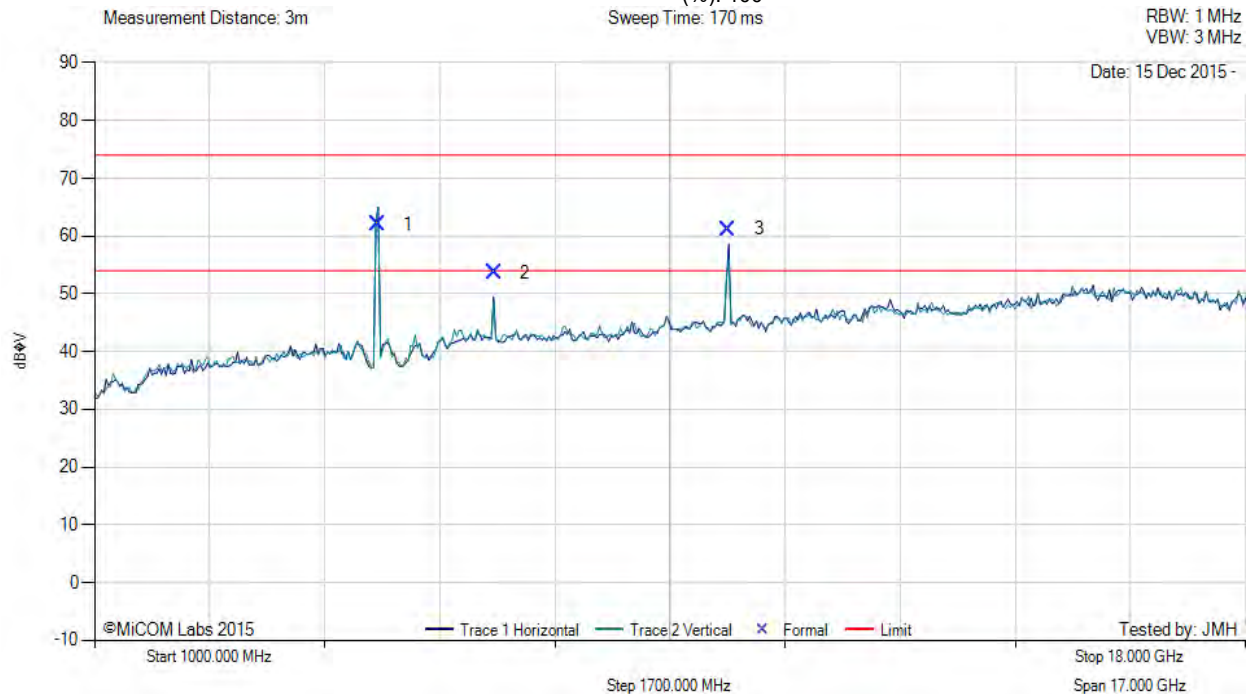
[back to matrix](#)

A.3.2 AP-ANT-13B

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5187.45	69.76	3.68	-11.49	61.95	Fundamental	Horizontal	101	1	--	--	
2	6906.82	57.10	4.11	-7.54	53.67	Peak (NRB)	Horizontal	151	44	--	--	Pass
3	10362.45	60.89	5.58	-5.26	61.21	Peak (NRB)	Horizontal	151	44	--	--	Pass

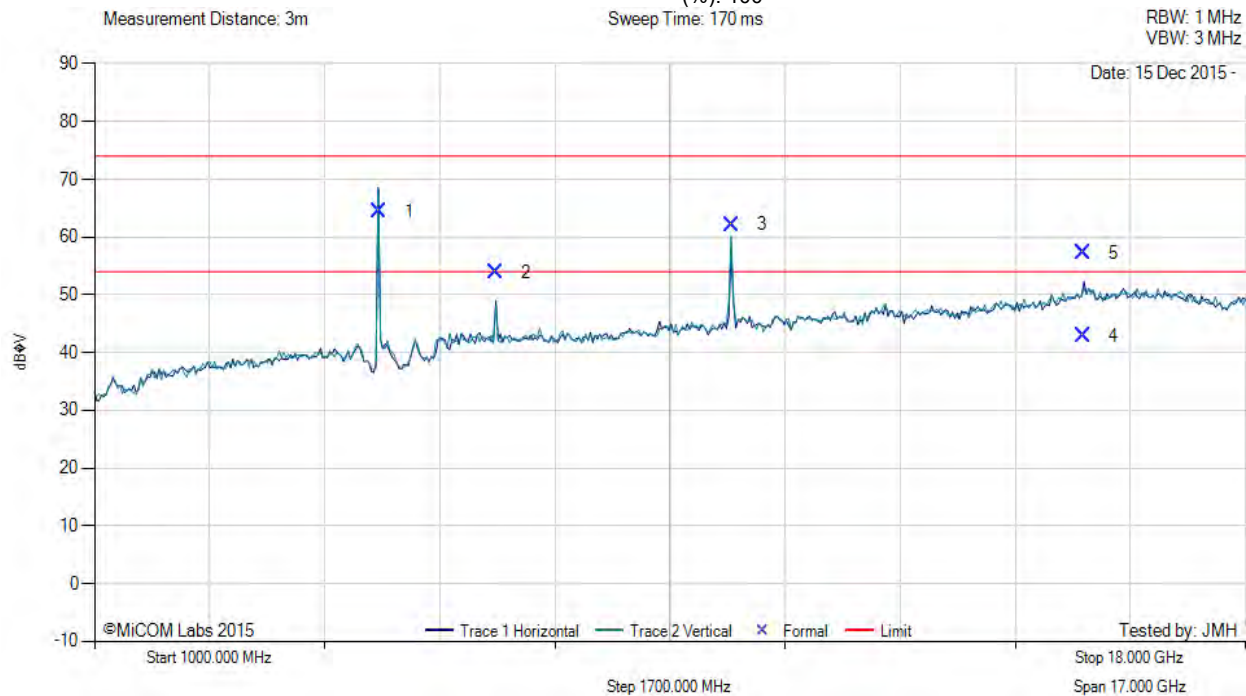
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5198.36	72.22	3.66	-11.47	64.41	Fundamental	Horizontal	151	1	--	--	
2	6933.43	57.28	4.11	-7.49	53.90	Peak (NRB)	Horizontal	151	50	--	--	Pass
3	10405.90	61.67	5.45	-4.99	62.13	Peak (NRB)	Vertical	151	50	--	--	Pass
4	15608.30	37.06	6.01	-0.20	42.87	Max Avg	Horizontal	134	58	54.0	-11.1	Pass
5	15608.30	51.39	6.01	-0.20	57.20	Max Peak	Horizontal	134	58	74.0	-16.8	Pass

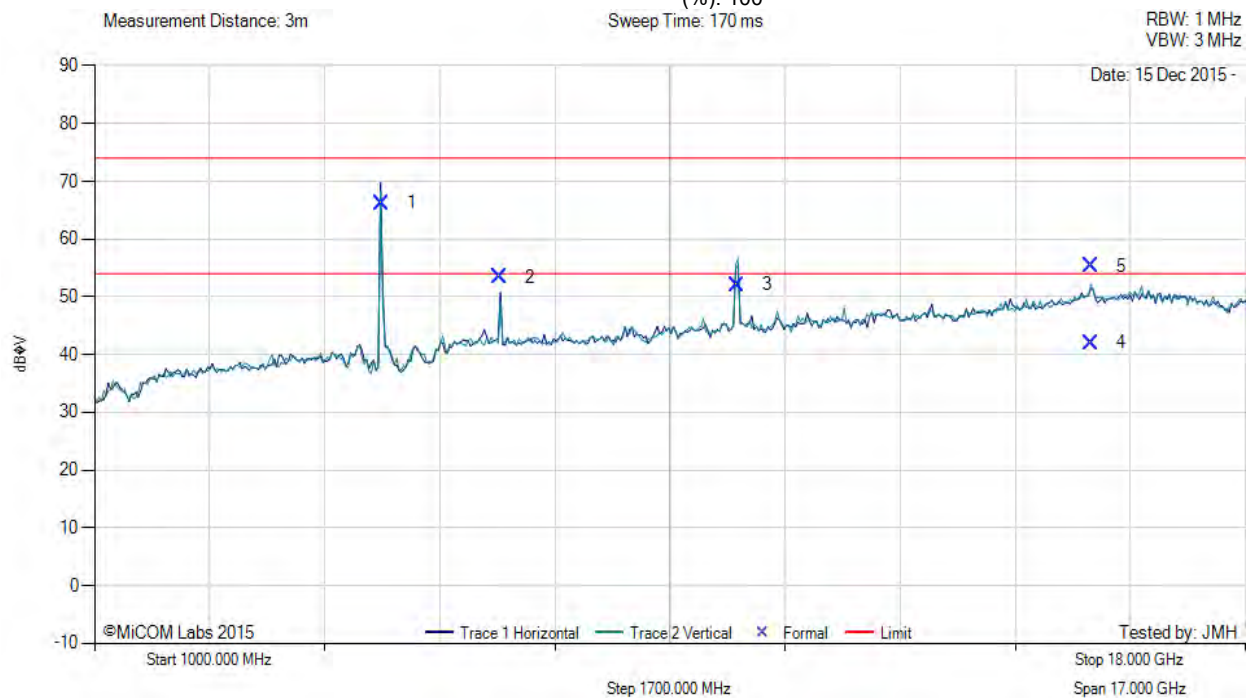
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5238.12	73.97	3.63	-11.37	66.23	Fundamental	Horizontal	151	1	--	--	
2	6986.65	56.66	4.13	-7.45	53.34	Peak (NRB)	Horizontal	151	41	--	--	Pass
3	10486.29	51.10	5.42	-4.42	52.10	Peak (NRB)	Vertical	151	41	--	--	Pass
4	15717.56	35.78	6.05	0.18	42.01	Max Avg	Vertical	147	340	54.0	-12.0	Pass
5	15717.56	49.12	6.05	0.18	55.35	Max Peak	Vertical	147	340	74.0	-18.7	Pass

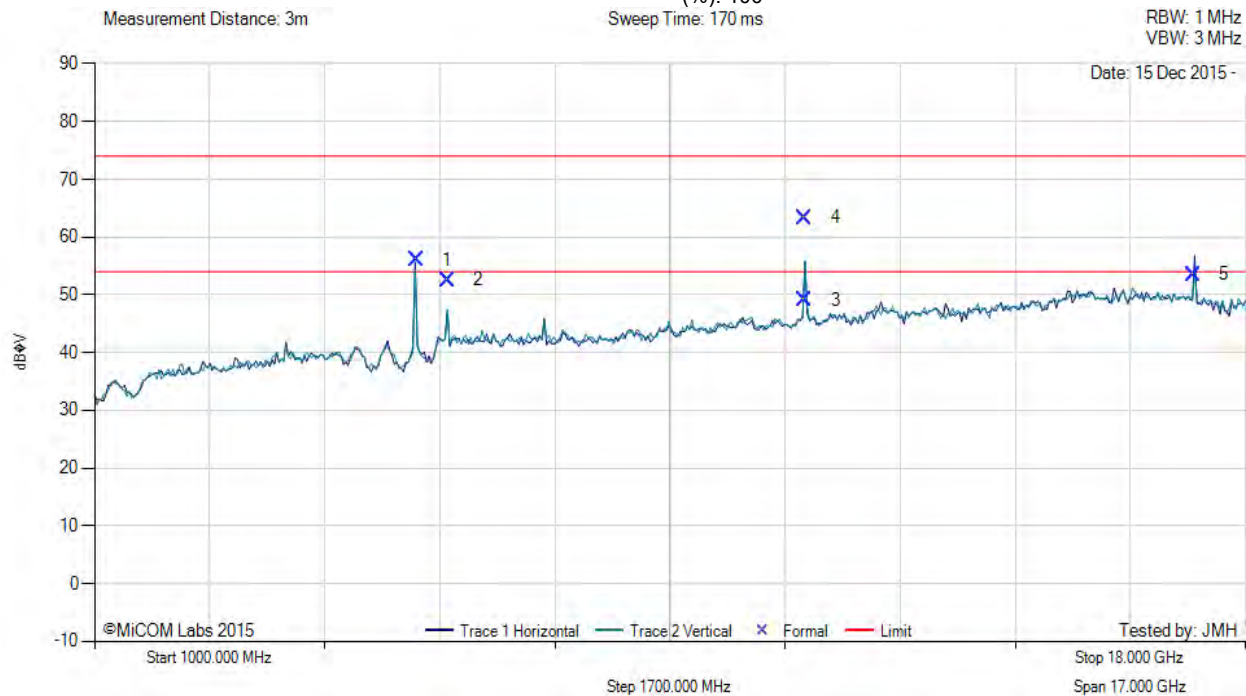
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5752.10	62.85	3.84	-10.62	56.07	Fundamental	Horizontal	151	22	--	--	
2	6218.09	57.42	3.92	-8.80	52.54	Peak (NRB)	Horizontal	151	22	--	--	Pass
3	11493.51	48.50	5.44	-4.84	49.10	Max Avg	Horizontal	112	31	54.0	-4.9	Pass
4	11493.51	62.77	5.44	-4.84	63.37	Max Peak	Horizontal	112	31	74.0	-10.6	Pass
5	17234.99	46.76	6.44	0.35	53.55	Peak (NRB)	Horizontal	151	22	--	--	Pass

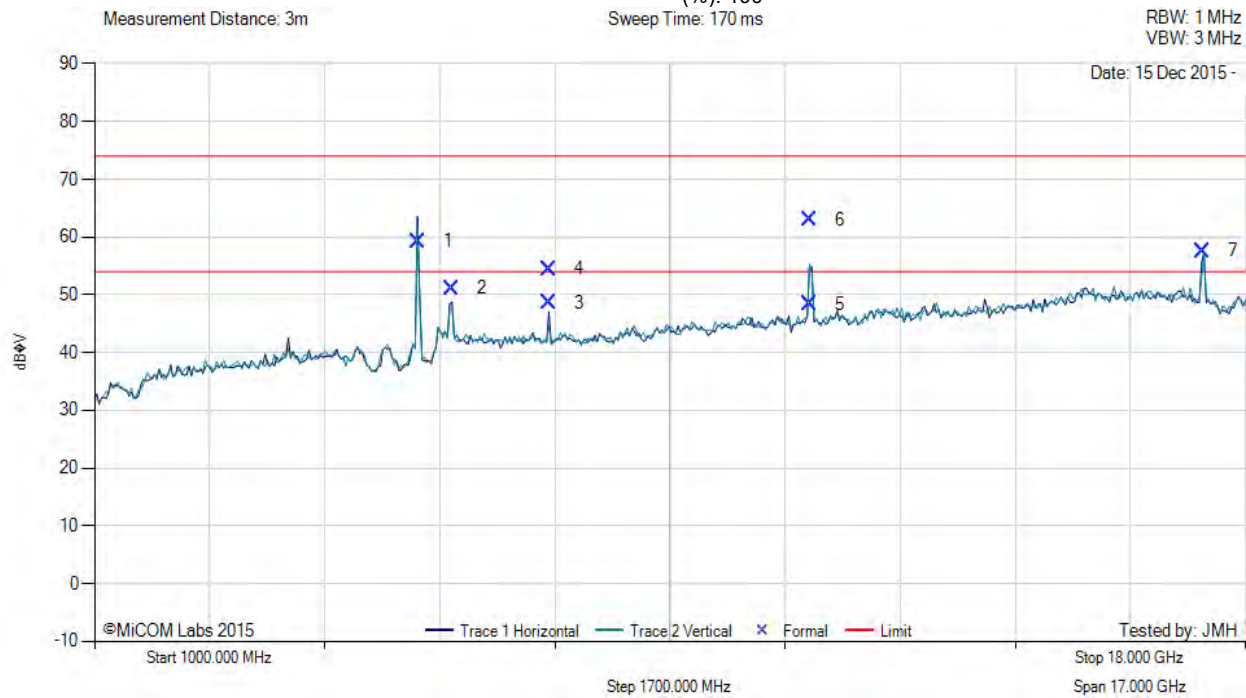
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5783.93	65.93	3.80	-10.45	59.28	Fundamental	Horizontal	101	1	--	--	
2	6272.14	55.74	3.92	-8.50	51.16	Peak (NRB)	Horizontal	151	1	--	--	Pass
3	7713.36	51.03	4.41	-6.85	48.59	Max Avg	Horizontal	137	33	54.0	-5.4	Pass
4	7713.36	56.93	4.41	-6.85	54.49	Max Peak	Horizontal	137	33	74.0	-19.5	Pass
5	11569.02	47.52	5.48	-4.65	48.35	Max Avg	Horizontal	173	296	54.0	-5.7	Pass
6	11569.02	62.09	5.48	-4.65	62.92	Max Peak	Horizontal	173	296	74.0	-11.1	Pass
7	17369.25	51.19	6.45	-0.08	57.56	Peak (NRB)	Horizontal	151	64	--	--	Pass

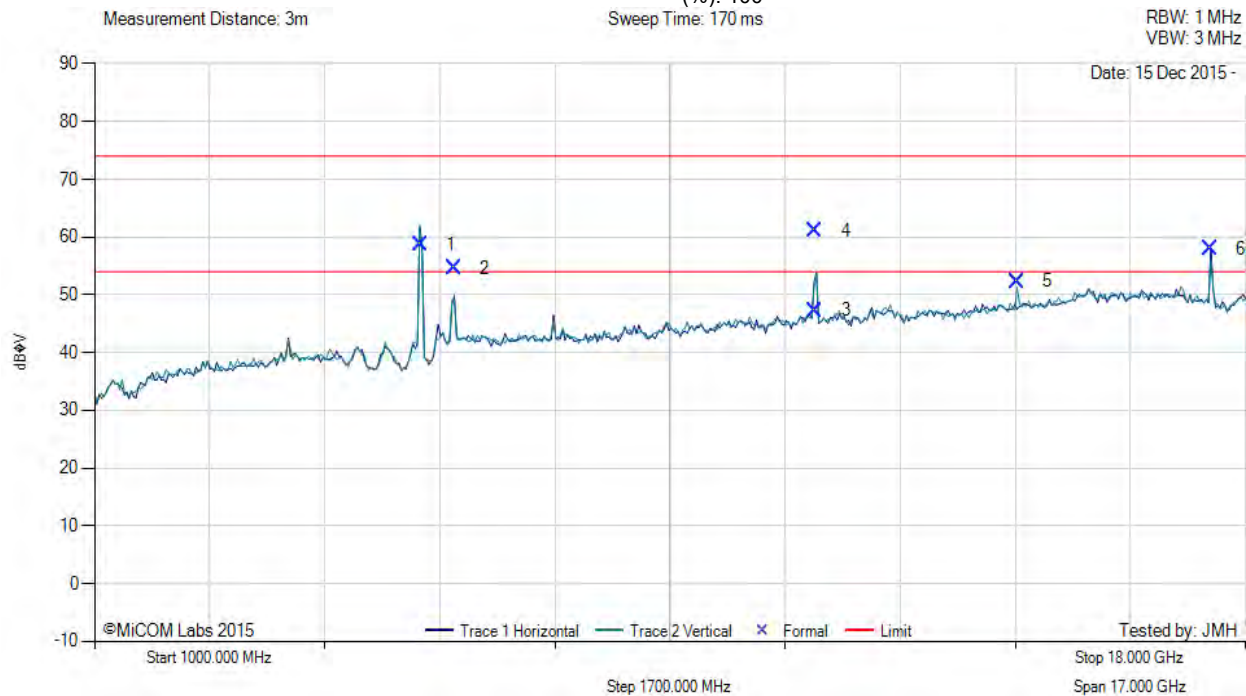
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT13B, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5819.56	65.03	3.83	-10.26	58.60	Fundamental	Horizontal	151	1	--	--	
2	6308.66	59.09	3.92	-8.38	54.63	Peak (NRB)	Horizontal	151	51	--	--	Pass
3	11649.14	46.28	5.44	-4.47	47.25	Max Avg	Horizontal	155	38	54.0	-6.8	Pass
4	11649.14	60.07	5.44	-4.47	61.04	Max Peak	Horizontal	155	38	74.0	-13.0	Pass
5	14631.34	50.19	5.73	-3.56	52.36	Peak (NRB)	Vertical	151	318	--	--	Pass
6	17479.16	52.18	6.33	-0.60	57.91	Peak (NRB)	Horizontal	151	318	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)



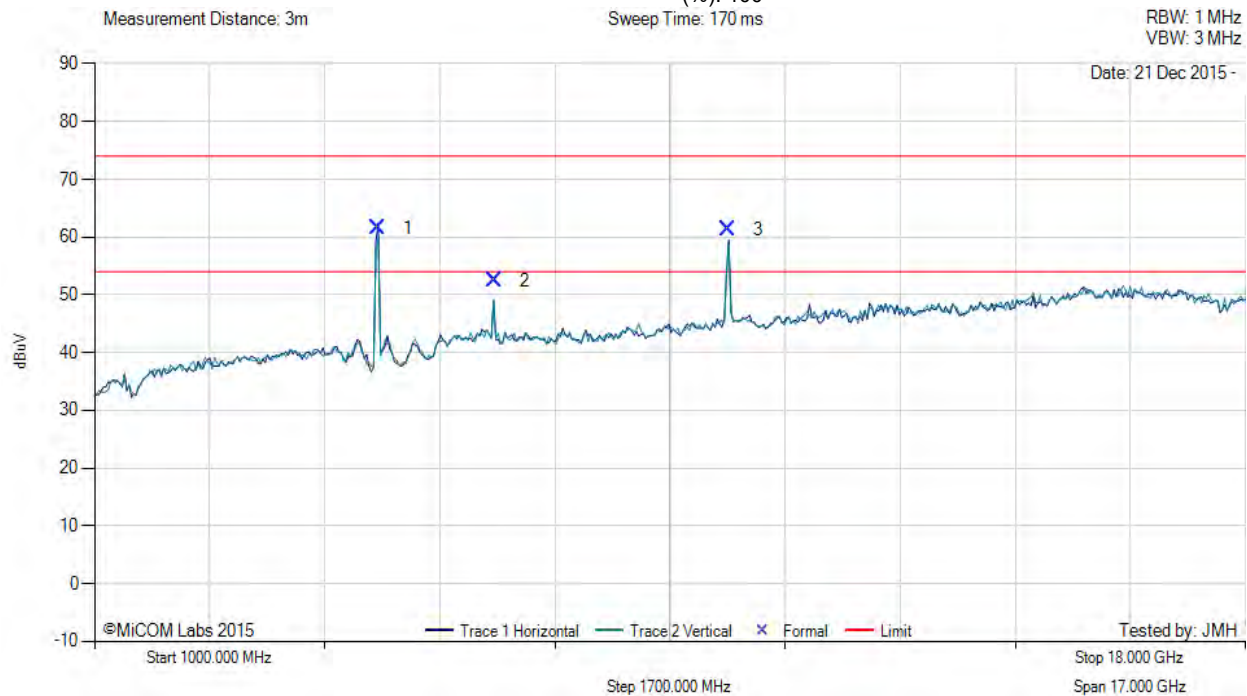
Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 235 of 349

A.3.3 AP-ANT-16

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBuV	Cable Loss	AF dB	Level dBuV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBuV/m	Margin dB	Pass /Fail
1	5187.05	69.39	3.68	-11.49	61.58	Fundamental	Horizontal	100	1	--	--	
2	6906.74	55.84	4.11	-7.54	52.41	Peak (NRB)	Vertical	100	0	--	--	Pass
3	10353.71	61.14	5.52	-5.30	61.36	Peak (NRB)	Horizontal	151	53	--	--	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

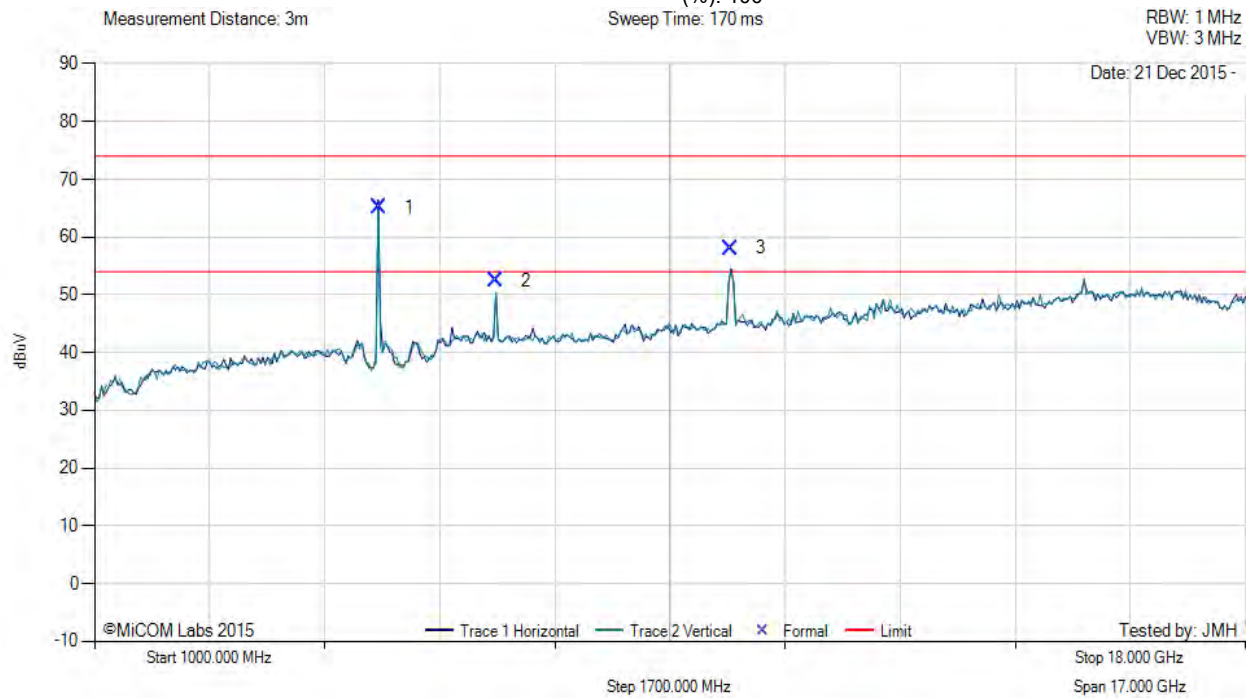


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 236 of 349

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5201.48	72.87	3.66	-11.46	65.07	Fundamental	Horizontal	100	1	--	--	
2	6933.43	55.75	4.11	-7.49	52.37	Peak (NRB)	Horizontal	200	32	--	--	Pass
3	10399.56	57.70	5.40	-5.03	58.07	Peak (NRB)	Horizontal	148	0	--	--	Pass

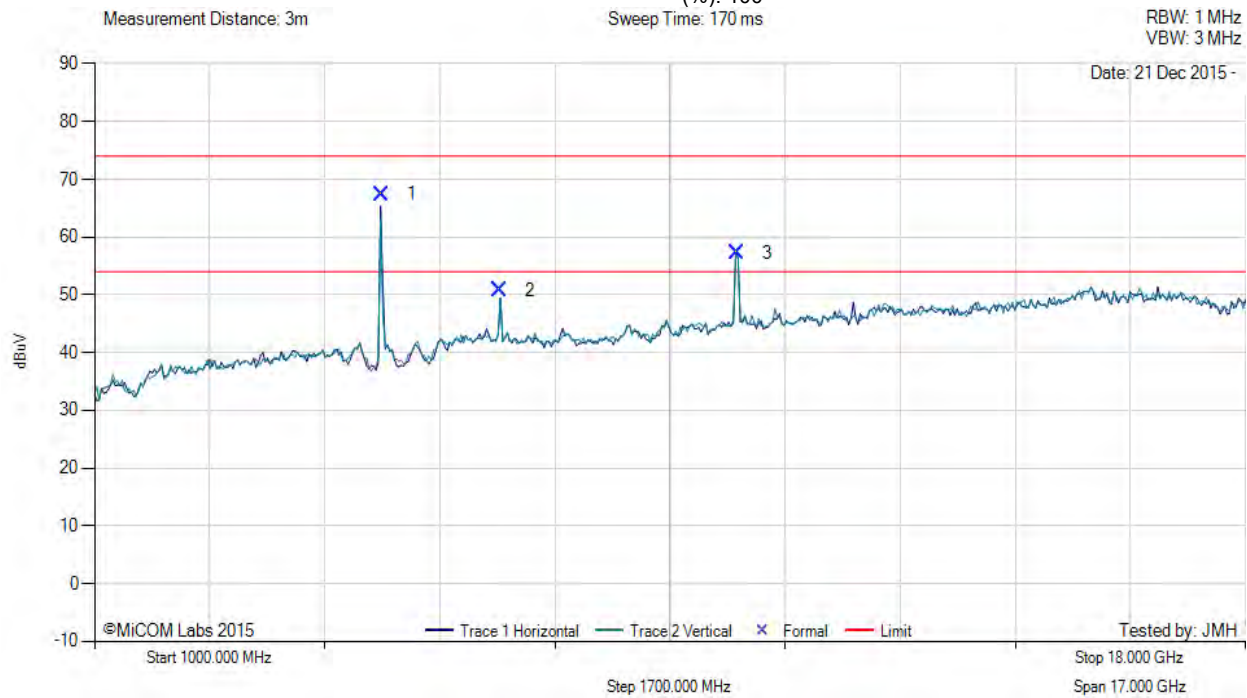
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



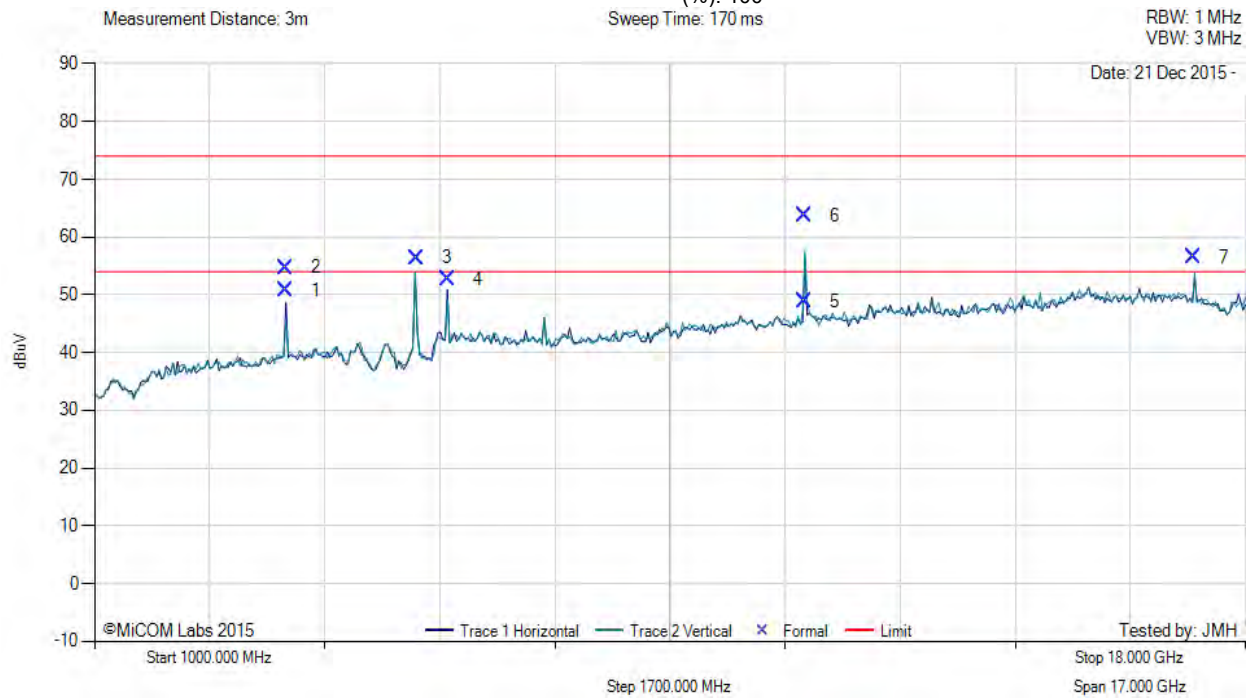
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5236.83	75.12	3.63	-11.37	67.38	Fundamental	Horizontal	100	11	--	--	
2	6986.69	54.13	4.13	-7.45	50.81	Peak (NRB)	Horizontal	200	27	--	--	Pass
3	10484.01	56.28	5.41	-4.44	57.25	Peak (NRB)	Horizontal	148	27	--	--	Pass

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3830.05	58.32	3.21	-10.83	50.70	Max Avg	Horizontal	100	316	54.0	-3.3	Pass
2	3830.05	62.30	3.21	-10.83	54.68	Max Peak	Horizontal	100	316	74.0	-19.3	Pass
3	5752.50	63.18	3.84	-10.61	56.41	Fundamental	Horizontal	101	66	--	--	
4	6216.95	57.62	3.91	-8.80	52.73	Peak (NRB)	Horizontal	101	0	--	--	Pass
5	11488.78	48.18	5.45	-4.85	48.78	Max Avg	Vertical	103	329	54.0	-5.2	Pass
6	11488.78	63.05	5.45	-4.85	63.65	Max Peak	Vertical	103	329	74.0	-10.4	Pass
7	17238.60	49.71	6.47	0.34	56.52	Peak (NRB)	Vertical	101	61	--	--	Pass

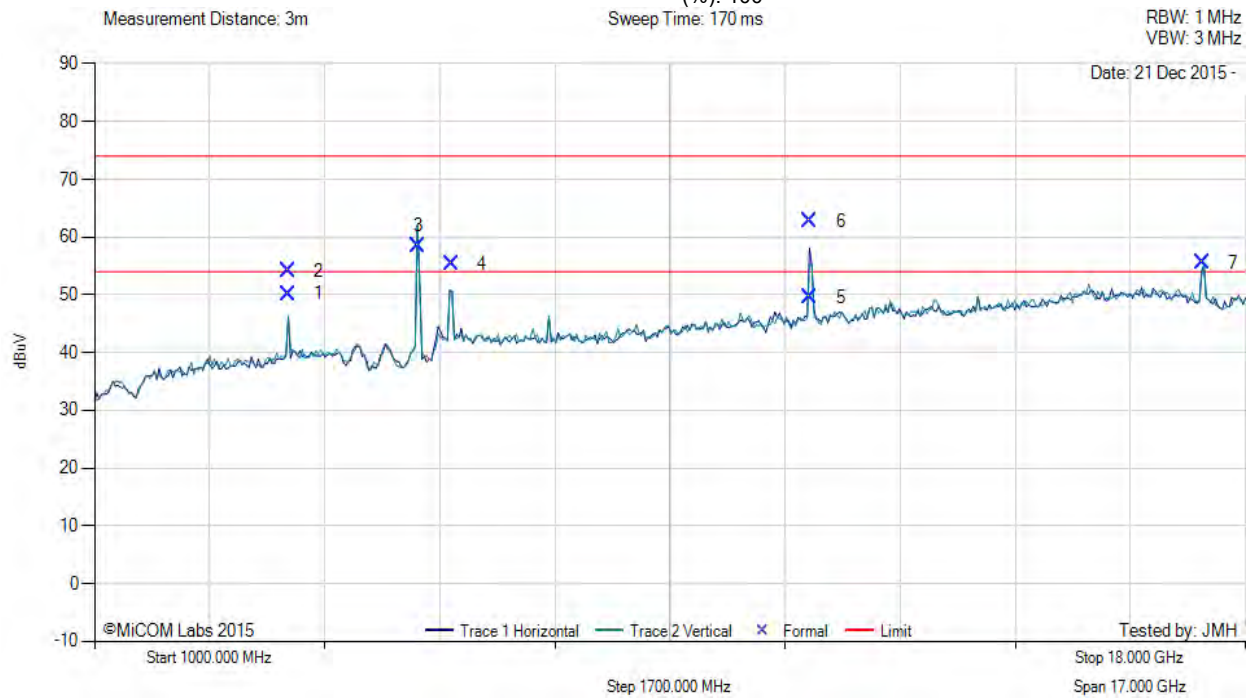
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3856.66	57.76	3.23	-10.81	50.18	Max Avg	Horizontal	123	321	54.0	-3.8	Pass
2	3856.66	61.73	3.23	-10.81	54.15	Max Peak	Horizontal	123	321	74.0	-19.9	Pass
3	5787.70	65.00	3.79	-10.43	58.36	Fundamental	Horizontal	200	1	--	--	
4	6273.34	59.92	3.92	-8.50	55.34	Peak (NRB)	Horizontal	148	52	--	--	Pass
5	11571.14	48.83	5.44	-4.64	49.63	Max Avg	Horizontal	153	305	54.0	-4.4	Pass
6	11571.14	61.96	5.44	-4.64	62.76	Max Peak	Horizontal	153	305	74.0	-11.2	Pass
7	17365.29	49.24	6.37	-0.06	55.55	Peak (NRB)	Horizontal	148	22	--	--	Pass

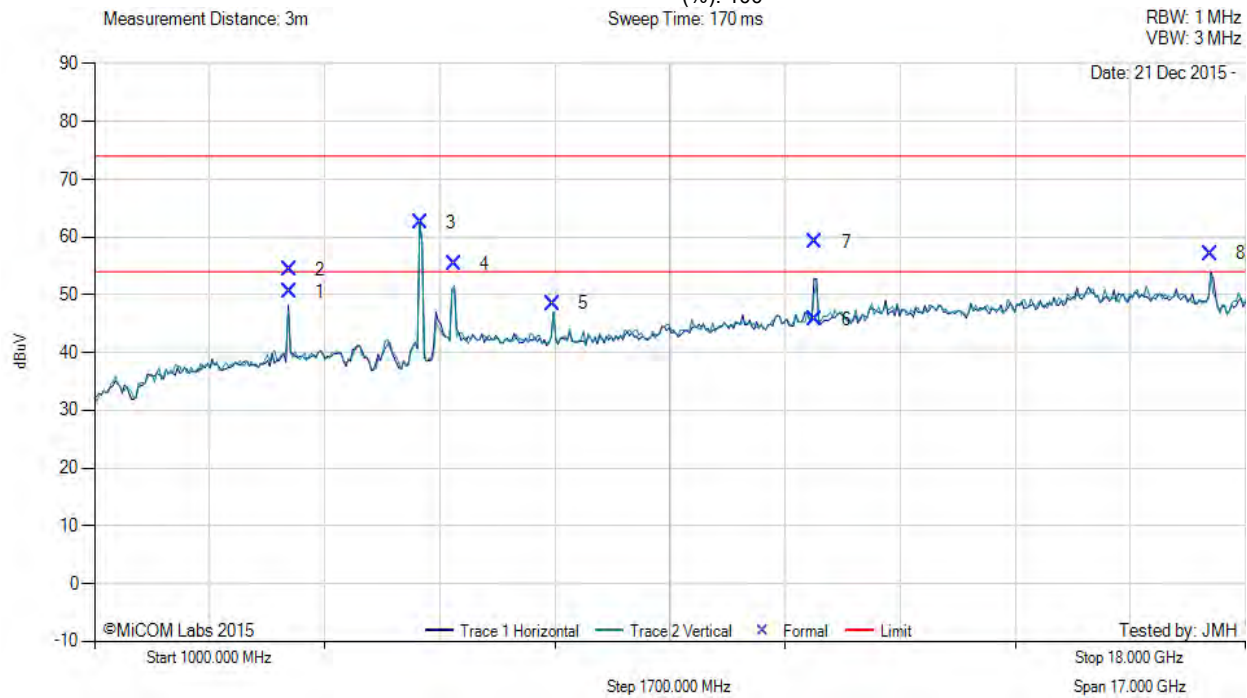
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3883.41	58.10	3.25	-10.76	50.59	Max Avg	Horizontal	107	313	54.0	-3.4	Pass
2	3883.41	61.88	3.25	-10.76	54.37	Max Peak	Horizontal	107	313	74.0	-19.6	Pass
3	5818.08	69.00	3.82	-10.28	62.54	Fundamental	Horizontal	101	55	--	--	
4	6310.10	59.84	3.91	-8.37	55.38	Peak (NRB)	Horizontal	200	55	--	--	Pass
5	7766.69	50.78	4.43	-6.71	48.50	Peak (NRB)	Horizontal	148	360	--	--	Pass
6	11649.46	44.73	5.44	-4.47	45.70	Max Avg	Horizontal	148	302	54.0	-8.3	Pass
7	11649.46	58.25	5.44	-4.47	59.22	Max Peak	Horizontal	148	302	74.0	-14.8	Pass
8	17478.52	51.37	6.33	-0.60	57.10	Peak (NRB)	Horizontal	148	0	--	--	Pass

[back to matrix](#)

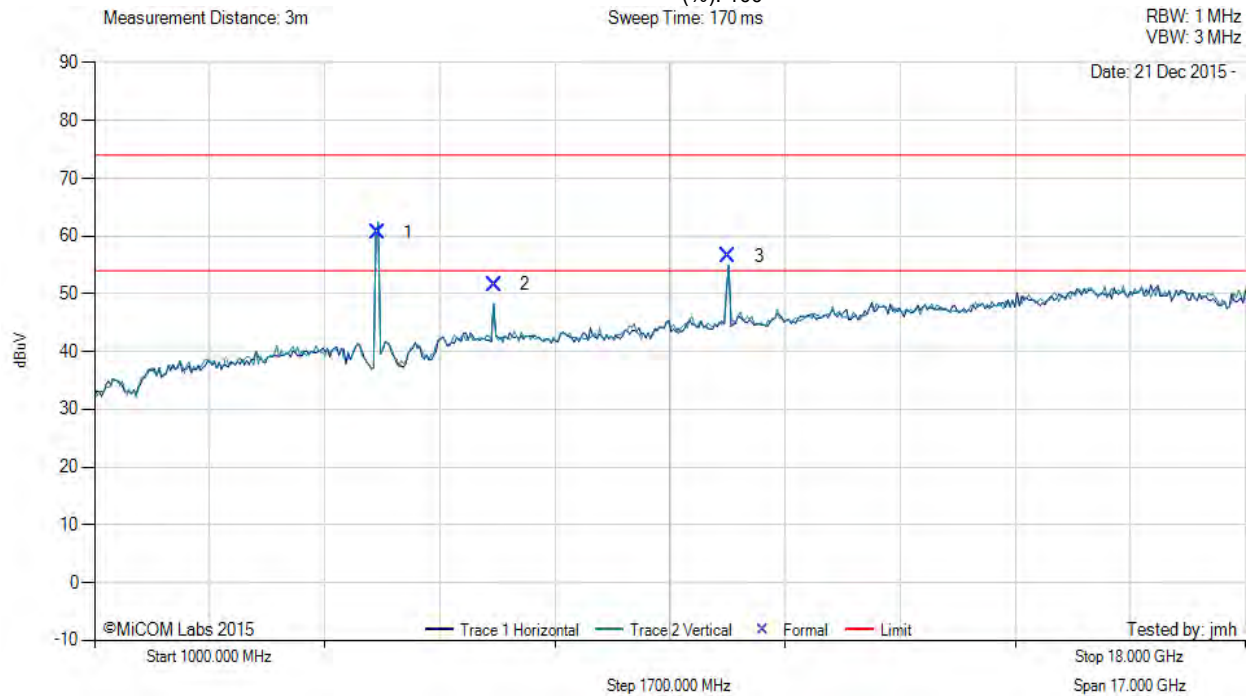
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.3.4 AP-ANT-18

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5184.25	68.47	3.68	-11.49	60.66	Fundamental	Horizontal	101	1	--	--	
2	6906.74	54.99	4.11	-7.54	51.56	Peak (NRB)	Horizontal	100	28	--	--	Pass
3	10362.53	56.14	5.58	-5.25	56.47	Peak (NRB)	Horizontal	100	0	--	--	Pass

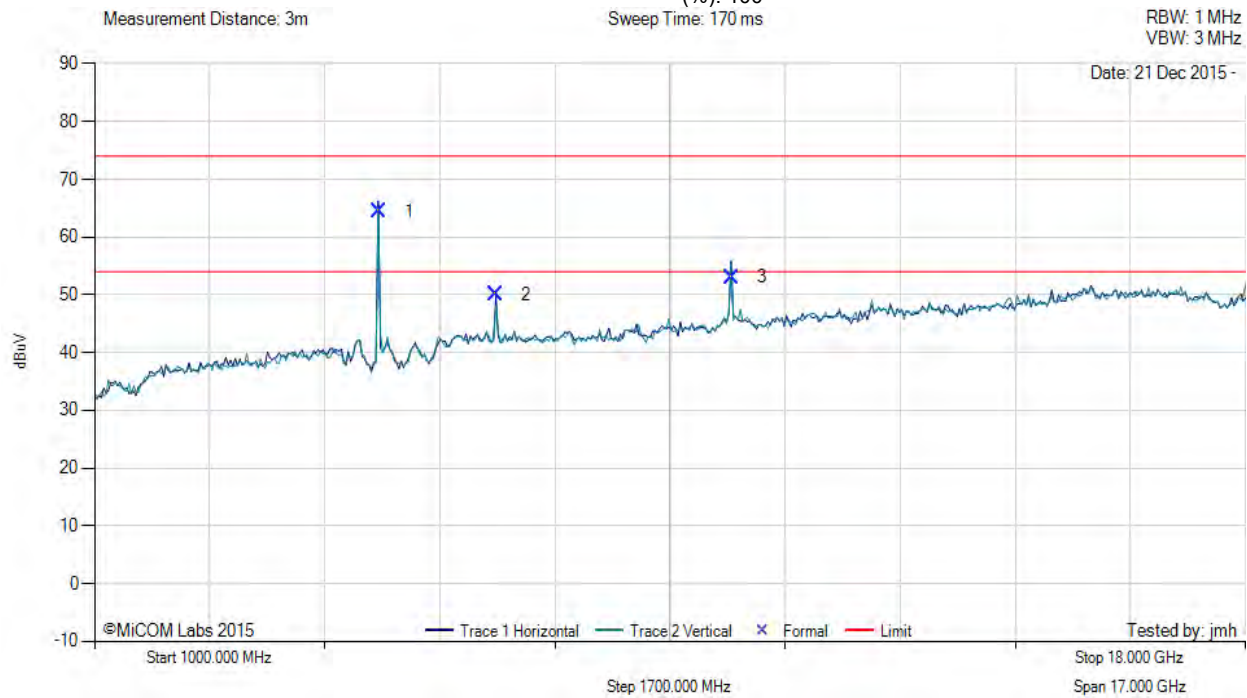
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5194.43	72.27	3.67	-11.47	64.47	Fundamental	Horizontal	101	0	--	--	
2	6933.35	53.46	4.11	-7.49	50.08	Peak (NRB)	Horizontal	101	23	--	--	Pass
3	10406.22	52.61	5.45	-4.99	53.07	Peak (NRB)	Horizontal	101	23	--	--	Pass

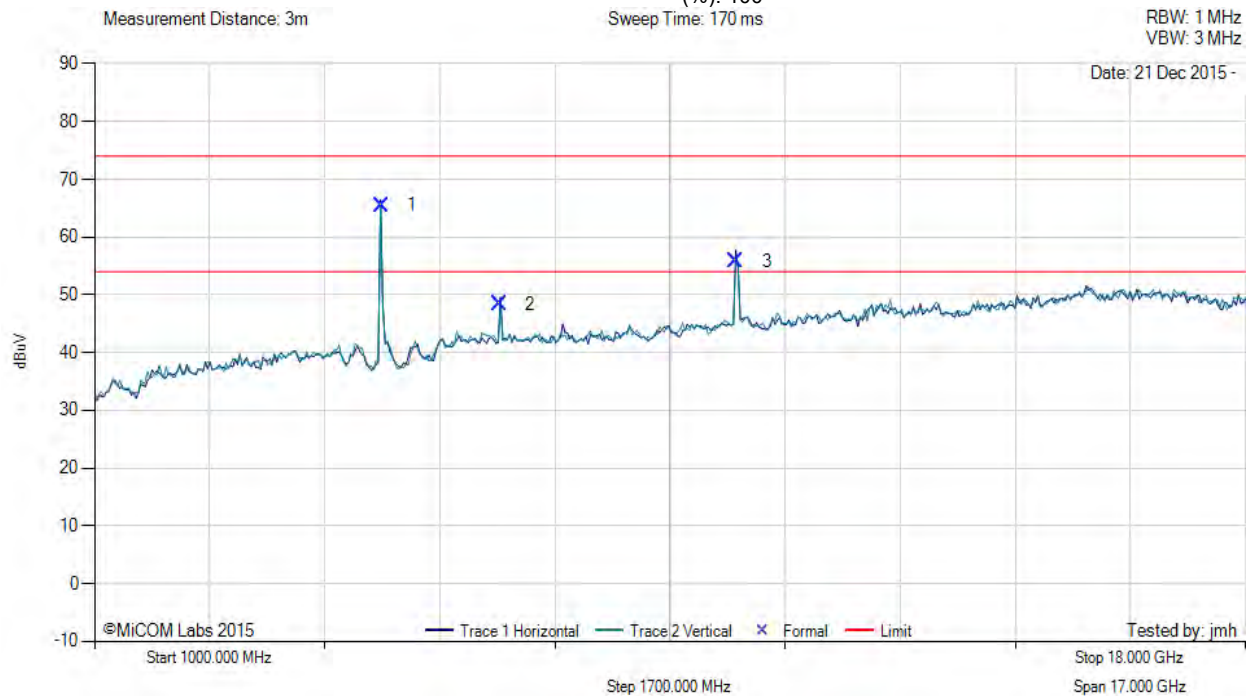
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5238.84	73.20	3.63	-11.37	65.46	Fundamental	Horizontal	101	1	--	--	
2	6986.62	51.63	4.13	-7.45	48.31	Peak (NRB)	Horizontal	101	30	--	--	Pass
3	10478.35	54.85	5.44	-4.47	55.82	Peak (NRB)	Horizontal	101	4	--	--	Pass

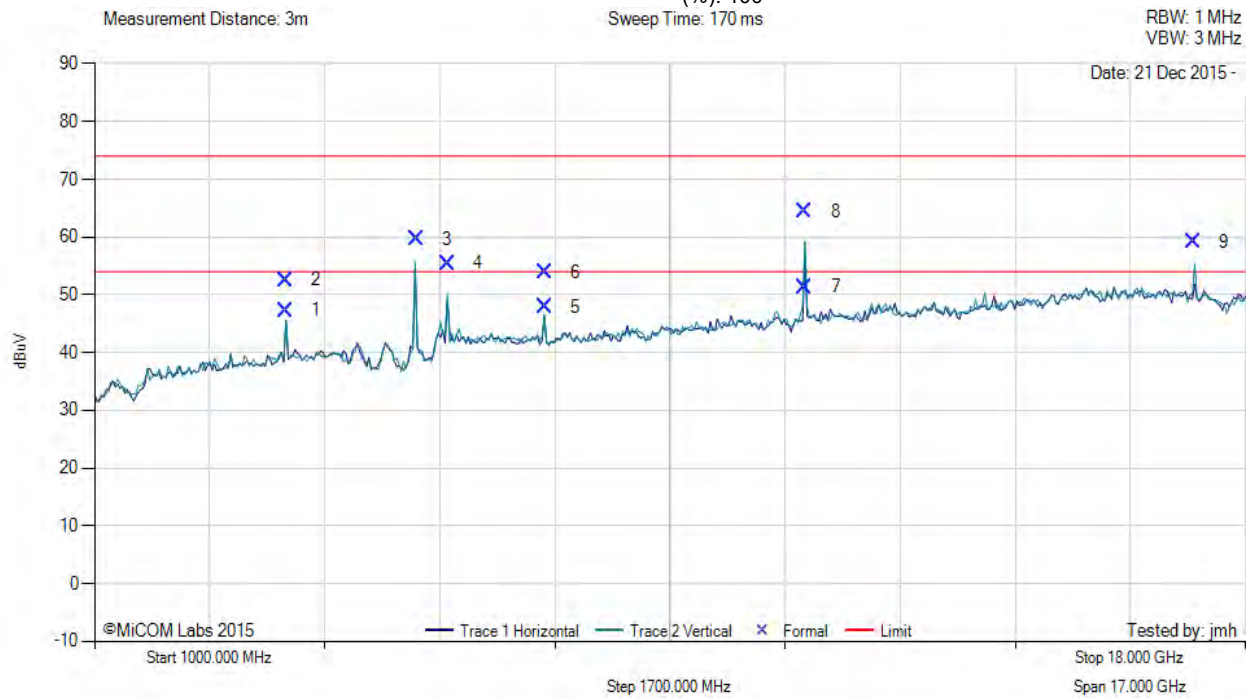
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3830.01	54.88	3.21	-10.83	47.26	Max Avg	Horizontal	178	23	54.0	-6.7	Pass
2	3830.01	60.21	3.21	-10.83	52.59	Max Peak	Horizontal	178	23	74.0	-21.4	Pass
3	5752.34	66.46	3.84	-10.62	59.68	Fundamental	Vertical	151	80	--	--	
4	6216.47	60.30	3.91	-8.80	55.41	Peak (NRB)	Vertical	148	0	--	--	Pass
5	7660.05	50.50	4.37	-6.95	47.92	Max Avg	Horizontal	172	307	54.0	-6.1	Pass
6	7660.05	56.41	4.37	-6.95	53.83	Max Peak	Horizontal	172	307	74.0	-20.2	Pass
7	11493.43	50.74	5.44	-4.84	51.34	Max Avg	Vertical	154	345	54.0	-2.7	Pass
8	11493.43	63.85	5.44	-4.84	64.45	Max Peak	Vertical	154	345	74.0	-9.6	Pass
9	17238.56	52.36	6.47	0.34	59.17	Peak (NRB)	Vertical	151	360	--	--	Pass

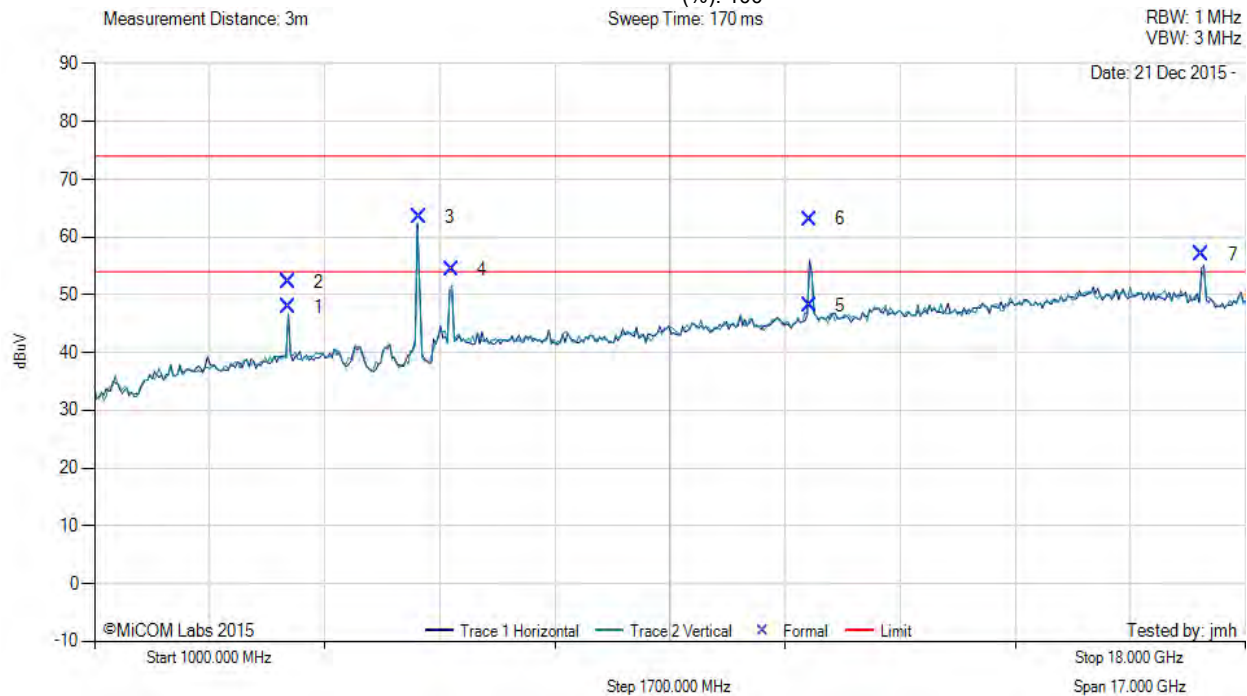
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3856.69	55.44	3.23	-10.81	47.86	Max Avg	Horizontal	196	23	54.0	-6.1	Pass
2	3856.69	59.80	3.23	-10.81	52.22	Max Peak	Horizontal	196	23	74.0	-21.8	Pass
3	5789.10	70.09	3.79	-10.42	63.46	Fundamental	Horizontal	151	1	--	--	
4	6274.55	58.96	3.92	-8.50	54.38	Peak (NRB)	Vertical	151	48	--	--	Pass
5	11568.78	47.33	5.48	-4.65	48.16	Max Avg	Horizontal	153	347	54.0	-5.8	Pass
6	11568.78	62.23	5.48	-4.65	63.06	Max Peak	Horizontal	153	347	74.0	-10.9	Pass
7	17358.39	50.79	6.28	-0.03	57.04	Peak (NRB)	Horizontal	151	25	--	--	Pass

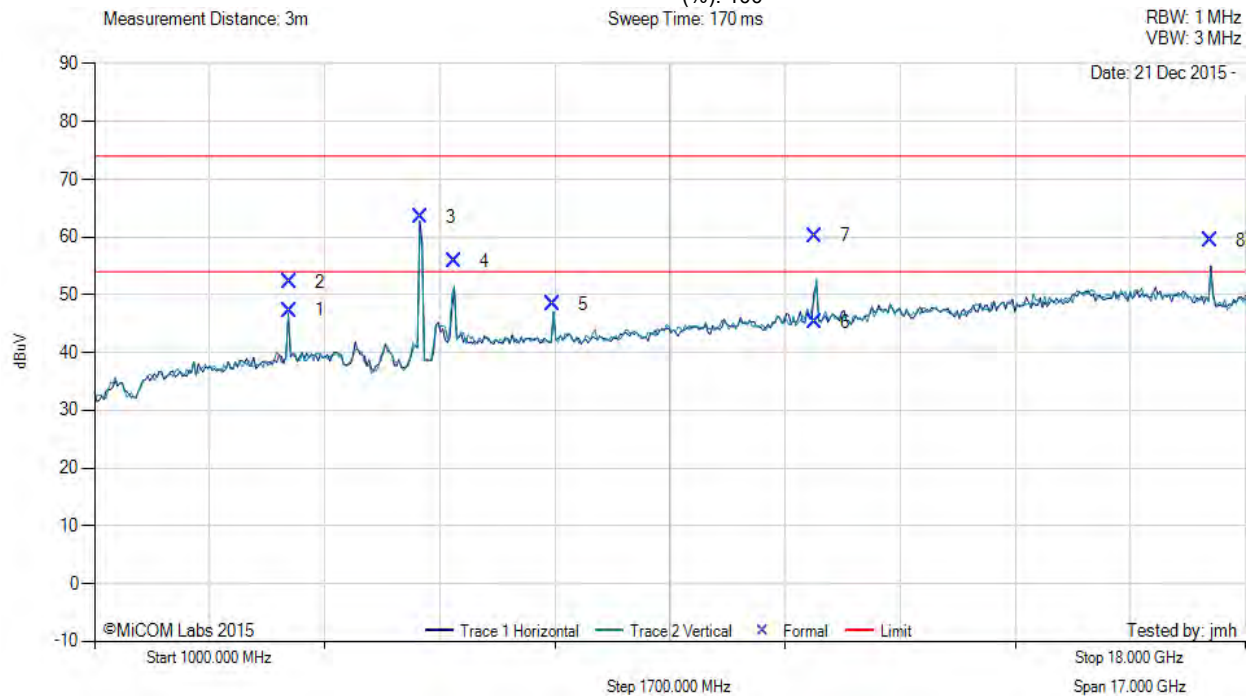
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3883.35	54.77	3.25	-10.76	47.26	Max Avg	Vertical	106	352	54.0	-6.7	Pass
2	3883.35	59.69	3.25	-10.76	52.18	Max Peak	Vertical	106	352	74.0	-21.8	Pass
3	5819.48	69.89	3.82	-10.28	63.43	Fundamental	Horizontal	151	0	--	--	
4	6308.58	60.24	3.92	-8.38	55.78	Peak (NRB)	Vertical	151	0	--	--	Pass
5	7766.67	50.58	4.43	-6.71	48.30	Peak (NRB)	Horizontal	151	97	--	--	Pass
6	11643.85	44.25	5.47	-4.47	45.25	Max Avg	Vertical	166	342	54.0	-8.8	Pass
7	11643.85	59.25	5.47	-4.47	60.25	Max Peak	Vertical	166	342	74.0	-13.8	Pass
8	17479.16	53.71	6.33	-0.60	59.44	Peak (NRB)	Horizontal	151	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

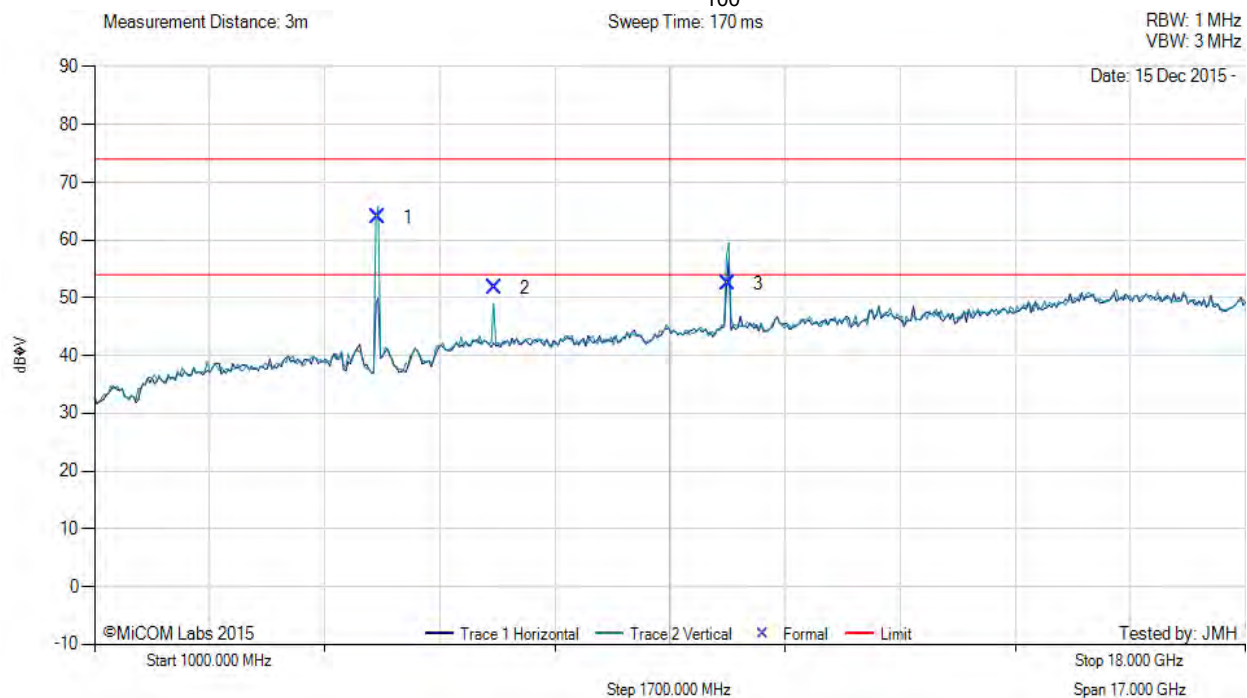
[back to matrix](#)

A.3.5 AP-ANT-19

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5183.21	71.79	3.68	-11.50	63.97	Fundamental	Vertical	151	1	--	--	
2	6906.74	55.16	4.11	-7.54	51.73	Peak (NRB)	Vertical	151	16	--	--	Pass
3	10356.03	52.21	5.54	-5.28	52.47	Peak (NRB)	Vertical	151	16	--	--	Pass

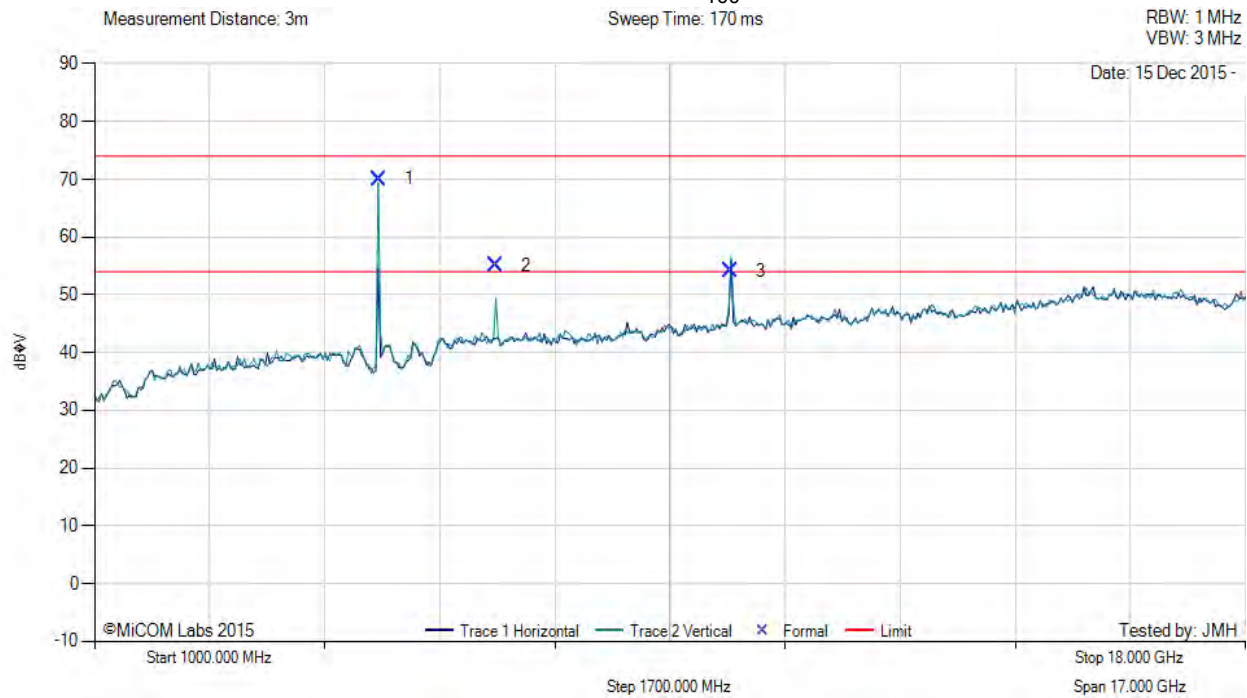
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5198.12	77.86	3.66	-11.47	70.05	Fundamental	Vertical	151	1	--	--	
2	6933.43	58.47	4.11	-7.49	55.09	Peak (NRB)	Vertical	151	13	--	--	Pass
3	10395.80	53.88	5.37	-5.06	54.19	Peak (NRB)	Vertical	151	13	--	--	Pass

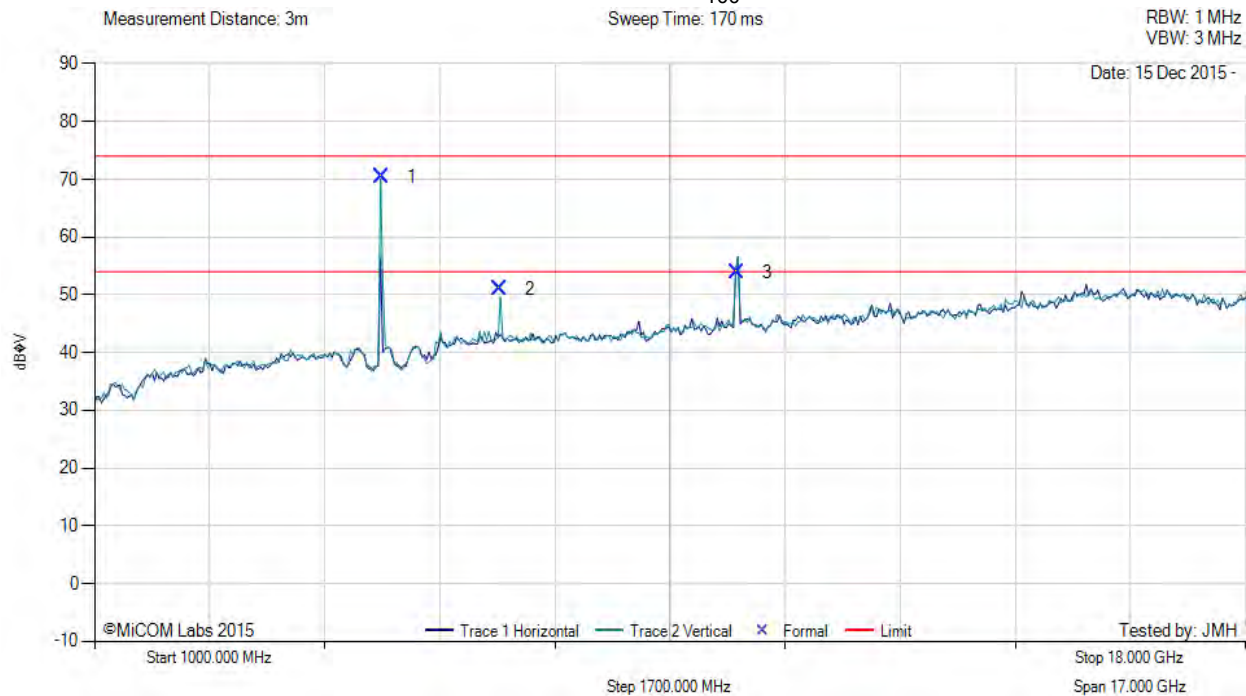
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5238.12	78.17	3.63	-11.37	70.43	Fundamental	Vertical	151	1	--	--	
2	6986.73	54.29	4.13	-7.45	50.97	Peak (NRB)	Vertical	151	45	--	--	Pass
3	10488.38	52.84	5.43	-4.40	53.87	Peak (NRB)	Horizontal	151	0	--	--	Pass

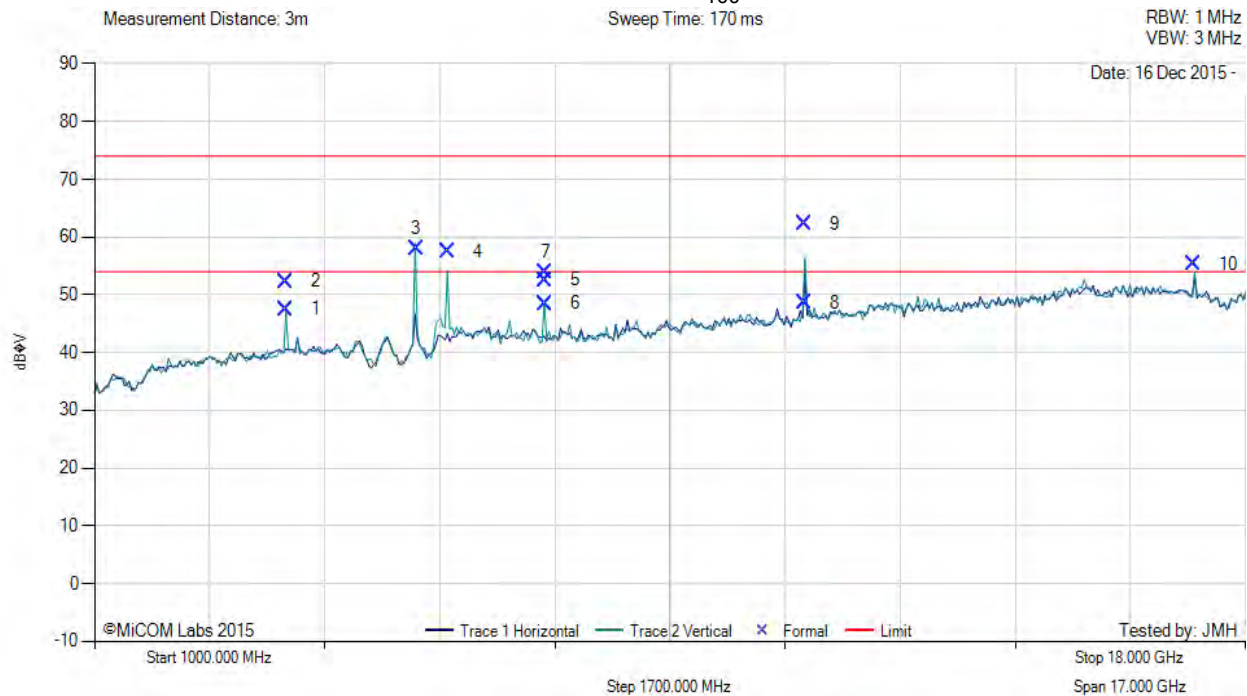
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3830.05	55.11	3.21	-10.83	47.49	Max Avg	Vertical	146	35	54.0	-6.5	Pass
2	3830.05	59.94	3.21	-10.83	52.32	Max Peak	Vertical	146	35	74.0	-21.7	Pass
3	5752.66	64.69	3.84	-10.61	57.92	Fundamental	Vertical	151	1	--	--	
4	6216.71	62.41	3.91	-8.80	57.52	Peak (NRB)	Vertical	151	38	--	--	Pass
5	7660.00	55.18	4.37	-6.95	52.60	Peak (Scan)	Vertical	151	38	74.0	-21.4	Pass
6	7660.00	51.07	4.37	-6.95	48.49	Max Avg	Vertical	169	291	54.0	-5.5	Pass
7	7660.00	56.41	4.37	-6.95	53.83	Max Peak	Vertical	169	291	74.0	-20.2	Pass
8	11488.70	47.98	5.45	-4.85	48.58	Max Avg	Vertical	102	345	54.0	-5.4	Pass
9	11488.70	61.65	5.45	-4.85	62.25	Max Peak	Vertical	102	345	74.0	-11.8	Pass
10	17239.04	48.45	6.47	0.34	55.26	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

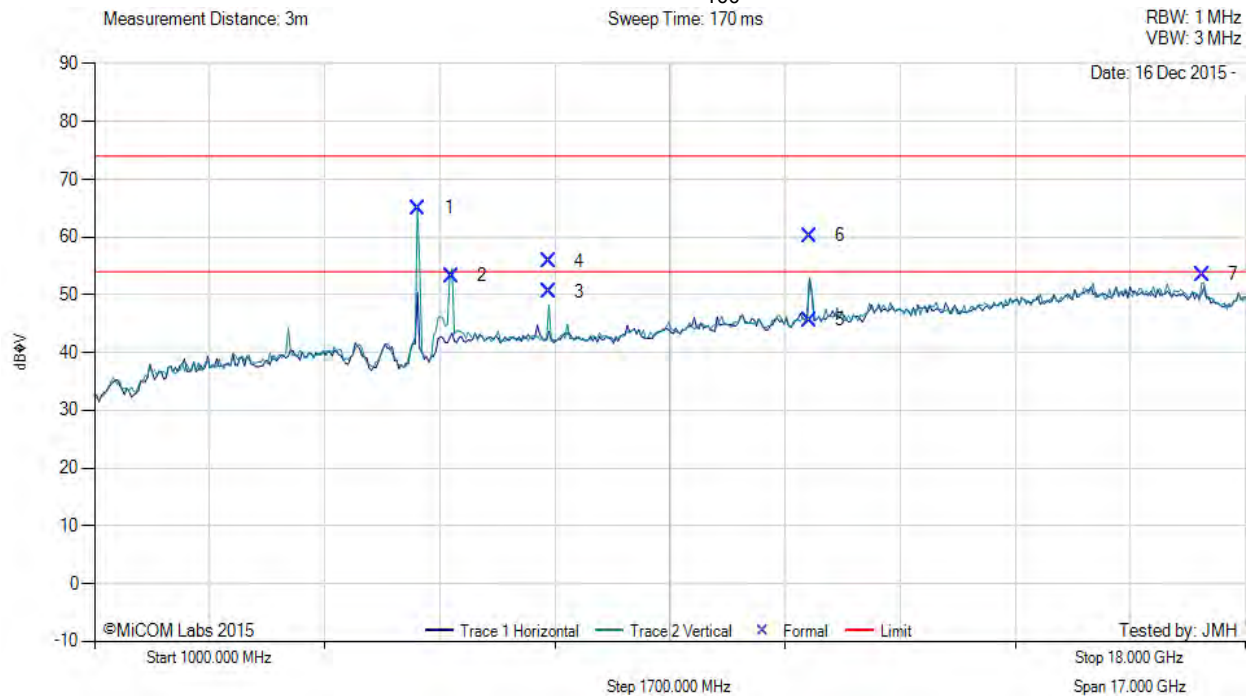
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5786.09	71.68	3.79	-10.44	65.03	Fundamental	Vertical	151	0	--	--	
2	6274.19	57.82	3.92	-8.50	53.24	Peak (NRB)	Vertical	151	0	--	--	Pass
3	7713.39	52.98	4.41	-6.85	50.54	Max Avg	Vertical	159	330	54.0	-3.5	Pass
4	7713.39	58.25	4.41	-6.85	55.81	Max Peak	Vertical	159	330	74.0	-18.2	Pass
5	11569.10	44.80	5.48	-4.65	45.63	Max Avg	Vertical	149	137	54.0	-8.4	Pass
6	11569.10	59.37	5.48	-4.65	60.20	Max Peak	Vertical	149	137	74.0	-13.8	Pass
7	17359.85	47.31	6.28	-0.04	53.55	Peak (NRB)	Vertical	151	0	--	--	Pass

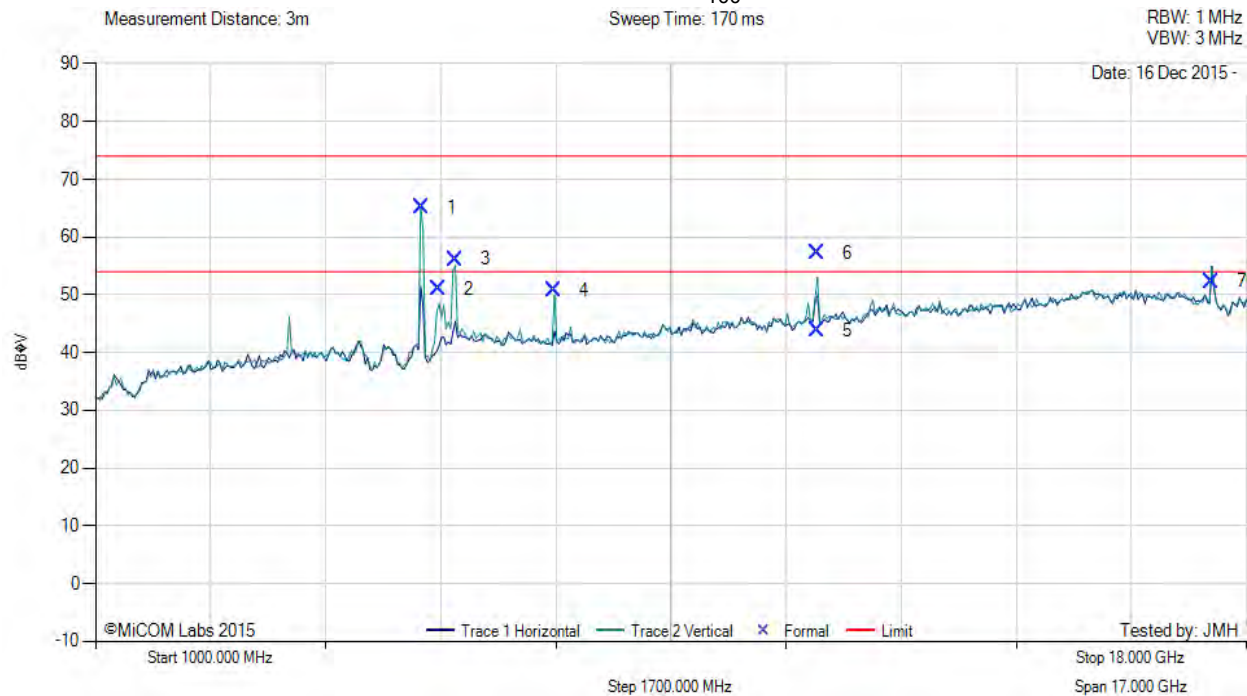
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT19, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5820.76	71.62	3.83	-10.26	65.19	Fundamental	Vertical	151	17	--	--	
2	6067.45	56.68	3.88	-9.61	50.95	Peak (NRB)	Vertical	151	17	--	--	Pass
3	6309.82	60.62	3.91	-8.37	56.16	Peak (NRB)	Vertical	151	360	--	--	Pass
4	7766.69	53.03	4.43	-6.71	50.75	Peak (NRB)	Vertical	151	360	--	--	Pass
5	11649.98	42.89	5.44	-4.47	43.86	Max Avg	Vertical	152	150	54.0	-10.1	Pass
6	11649.98	56.29	5.44	-4.47	57.26	Max Peak	Vertical	152	150	74.0	-16.7	Pass
7	17476.03	46.59	6.28	-0.59	52.28	Peak (NRB)	Vertical	151	360	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

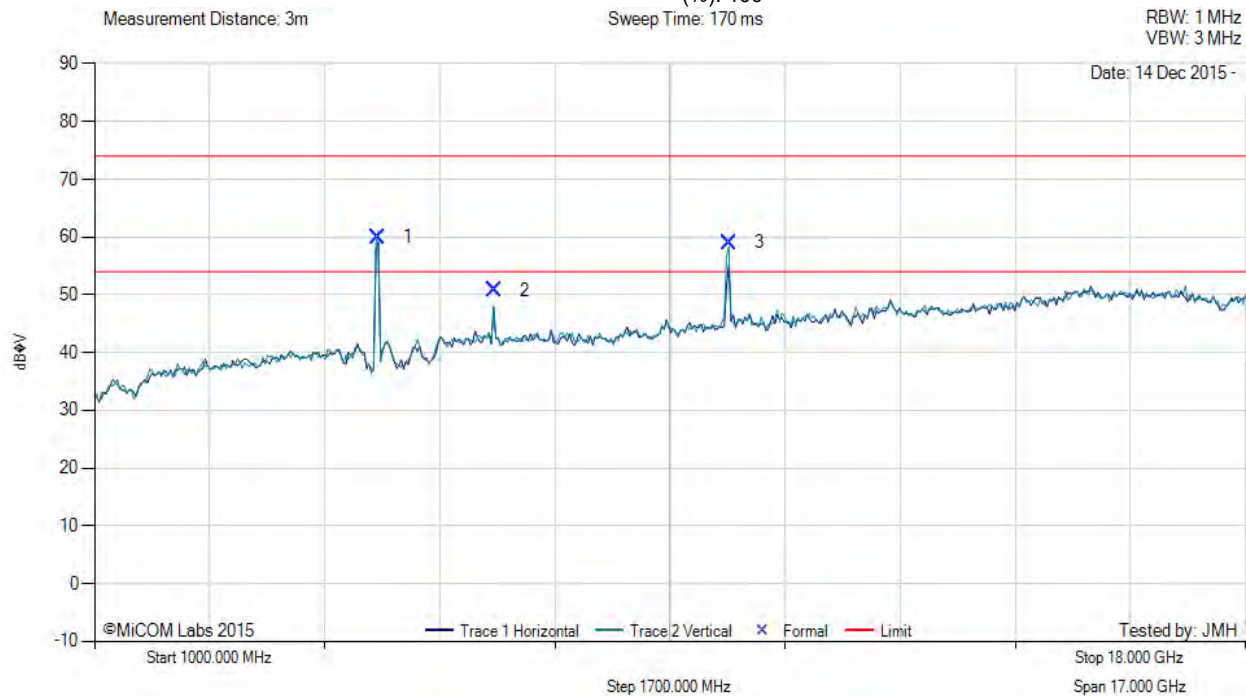
[back to matrix](#)

A.3.6 AP-ANT-20

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5184.41	67.84	3.68	-11.49	60.03	Fundamental	Vertical	101	1	--	--	
2	6906.64	54.16	4.11	-7.54	50.73	Peak (NRB)	Horizontal	151	1	--	--	Pass
3	10367.34	58.70	5.59	-5.23	59.06	Peak (NRB)	Vertical	151	1	--	--	Pass

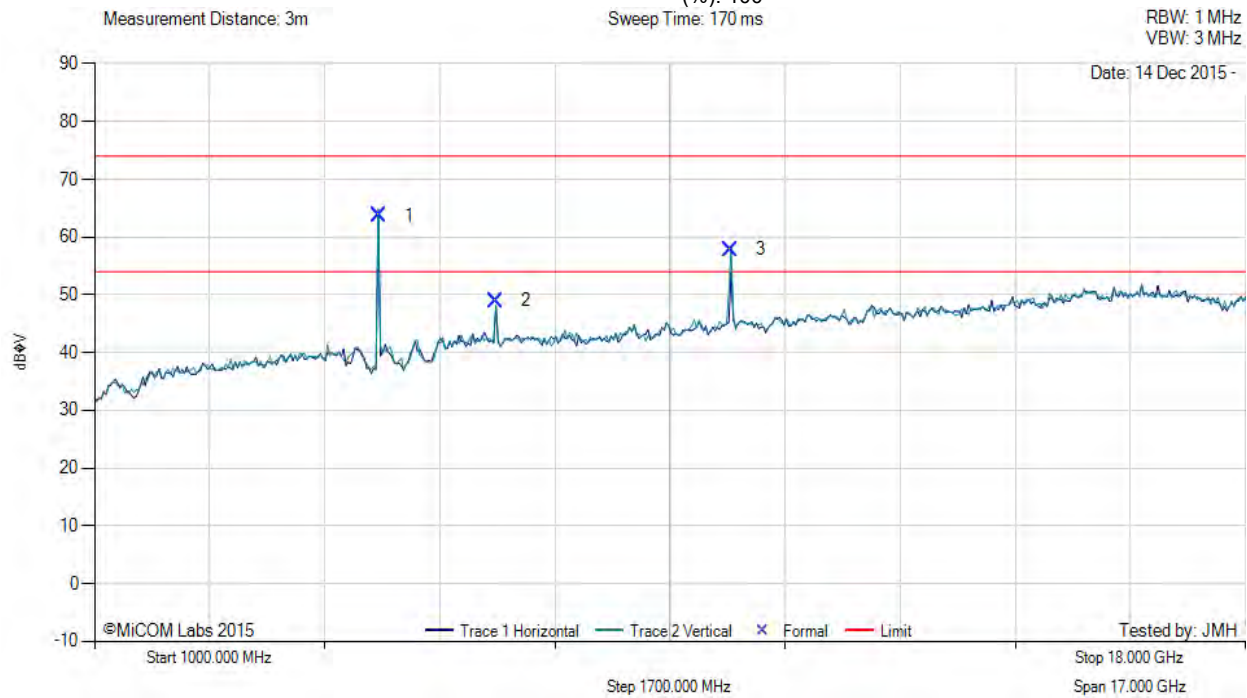
Test Notes: EUT on 150cm table powered by POE, PDsine 9001GR

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5199.08	71.58	3.66	-11.47	63.77	Fundamental	Vertical	101	0	--	--	
2	6933.39	52.31	4.11	-7.49	48.93	Peak (NRB)	Vertical	151	0	--	--	Pass
3	10397.88	57.46	5.38	-5.05	57.79	Peak (NRB)	Vertical	151	0	--	--	Pass

Test Notes: EUT on 150cm table powered by POE PDSine 9001GR

[back to matrix](#)

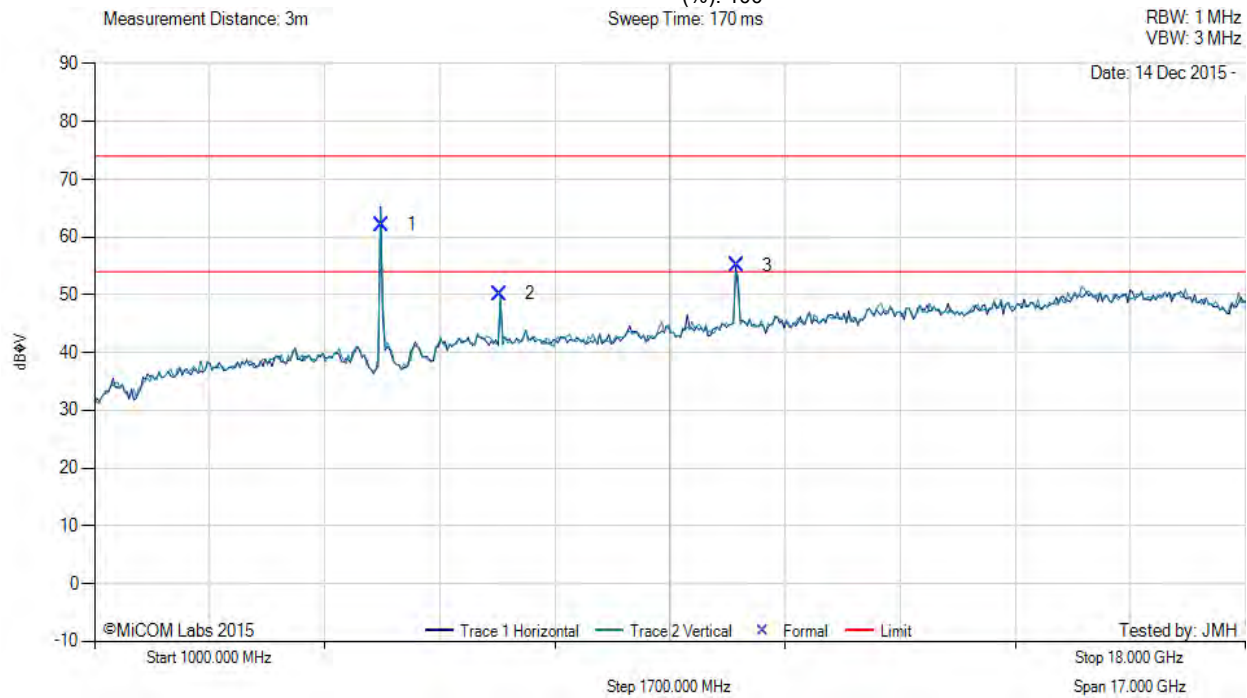


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 255 of 349

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5242.73	69.89	3.63	-11.36	62.16	Fundamental	Horizontal	101	0	--	--	
2	6986.68	53.50	4.13	-7.45	50.18	Peak (NRB)	Vertical	151	0	--	--	Pass
3	10482.24	54.15	5.41	-4.44	55.12	Peak (NRB)	Horizontal	151	0	--	--	Pass

Test Notes: EUT on 150cm table powered by POE PDSine 9001GR

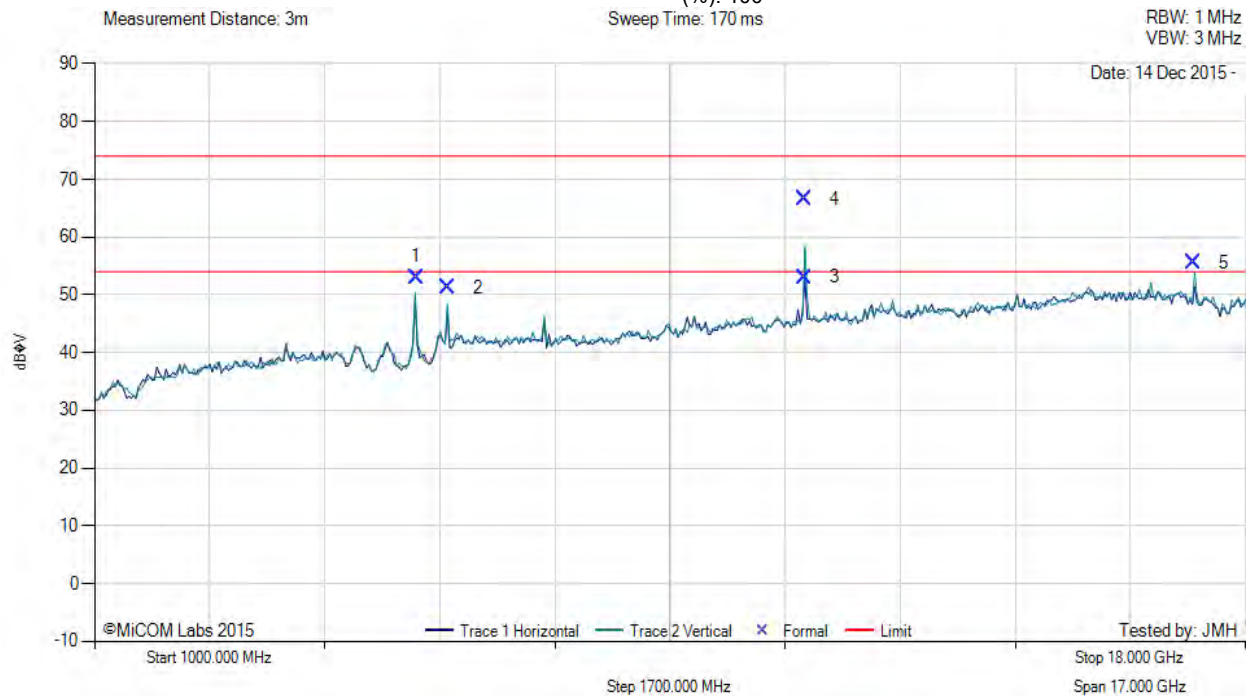
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5750.10	59.84	3.85	-10.63	53.06	Fundamental	Vertical	151	0	--	--	
2	6217.15	56.20	3.91	-8.80	51.31	Peak (NRB)	Horizontal	151	360	--	--	Pass
3	11489.54	52.47	5.45	-4.84	53.08	Max Avg	Vertical	115	356	54.0	-0.9	Pass
4	11489.54	66.03	5.45	-4.84	66.64	Max Peak	Vertical	115	356	74.0	-7.4	Pass
5	17238.80	48.77	6.47	0.34	55.58	Peak (NRB)	Vertical	151	360	--	--	Pass

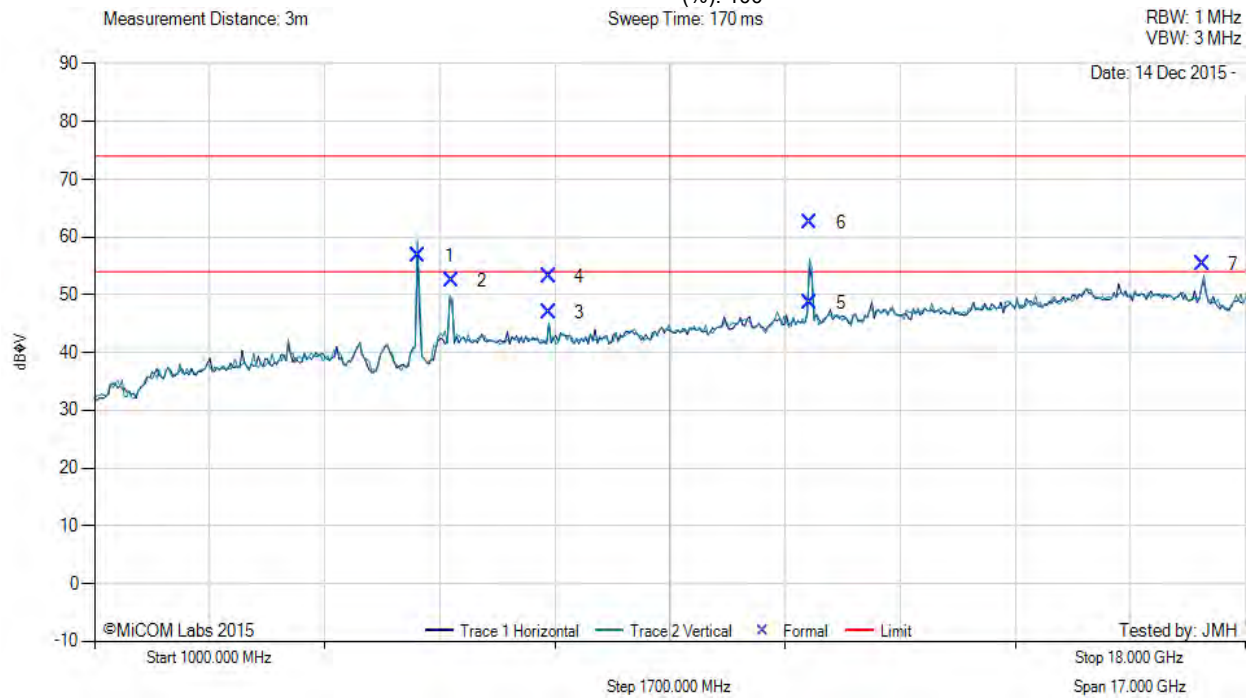
Test Notes: EUT on 150cm table powered by POE PDSine 9001GR

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5784.81	63.34	3.80	-10.44	56.70	Fundamental	Vertical	151	1	--	--	
2	6272.14	56.96	3.92	-8.50	52.38	Peak (NRB)	Vertical	151	1	--	--	Pass
3	7713.44	49.40	4.41	-6.85	46.96	Max Avg	Vertical	144	52	54.0	-7.0	Pass
4	7713.44	55.66	4.41	-6.85	53.22	Max Peak	Vertical	144	52	74.0	-20.8	Pass
5	11572.54	47.85	5.42	-4.63	48.64	Max Avg	Vertical	114	352	54.0	-5.4	Pass
6	11572.54	61.68	5.42	-4.63	62.47	Max Peak	Vertical	114	352	74.0	-11.5	Pass
7	17359.45	49.08	6.28	-0.04	55.32	Peak (NRB)	Vertical	151	0	--	--	Pass

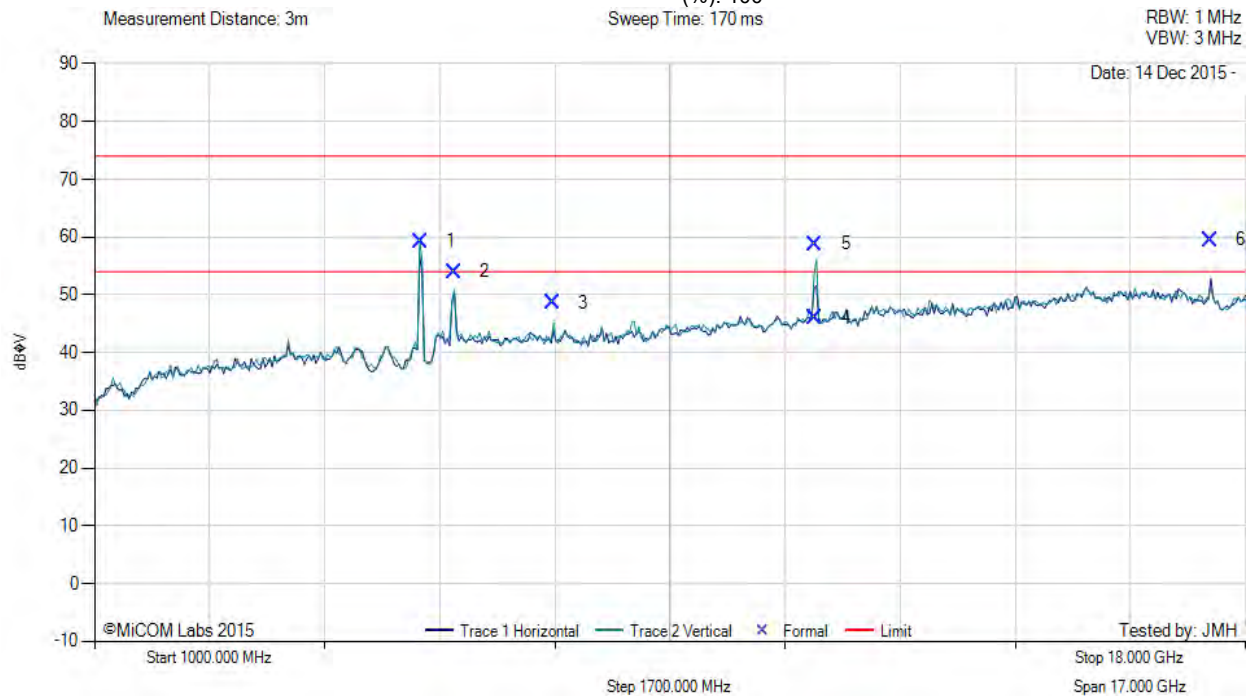
Test Notes: EUT on 150cm table powered by POE PDSine 9001GR

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-20, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5819.52	65.74	3.83	-10.26	59.31	Fundamental	Vertical	101	1	--	--	
2	6305.77	58.44	3.93	-8.39	53.98	Peak (NRB)	Vertical	101	1	--	--	Pass
3	7766.66	50.83	4.43	-6.71	48.55	Peak (NRB)	Vertical	151	1	--	--	Pass
4	11649.74	44.94	5.44	-4.47	45.91	Max Avg	Vertical	150	39	54.0	-8.1	Pass
5	11649.74	57.85	5.44	-4.47	58.82	Max Peak	Vertical	150	39	74.0	-15.2	Pass
6	17478.36	53.79	6.31	-0.60	59.50	Peak (NRB)	Horizontal	151	1	--	--	Pass

Test Notes: EUT on 150cm table powered by POE PDSine 9001GR

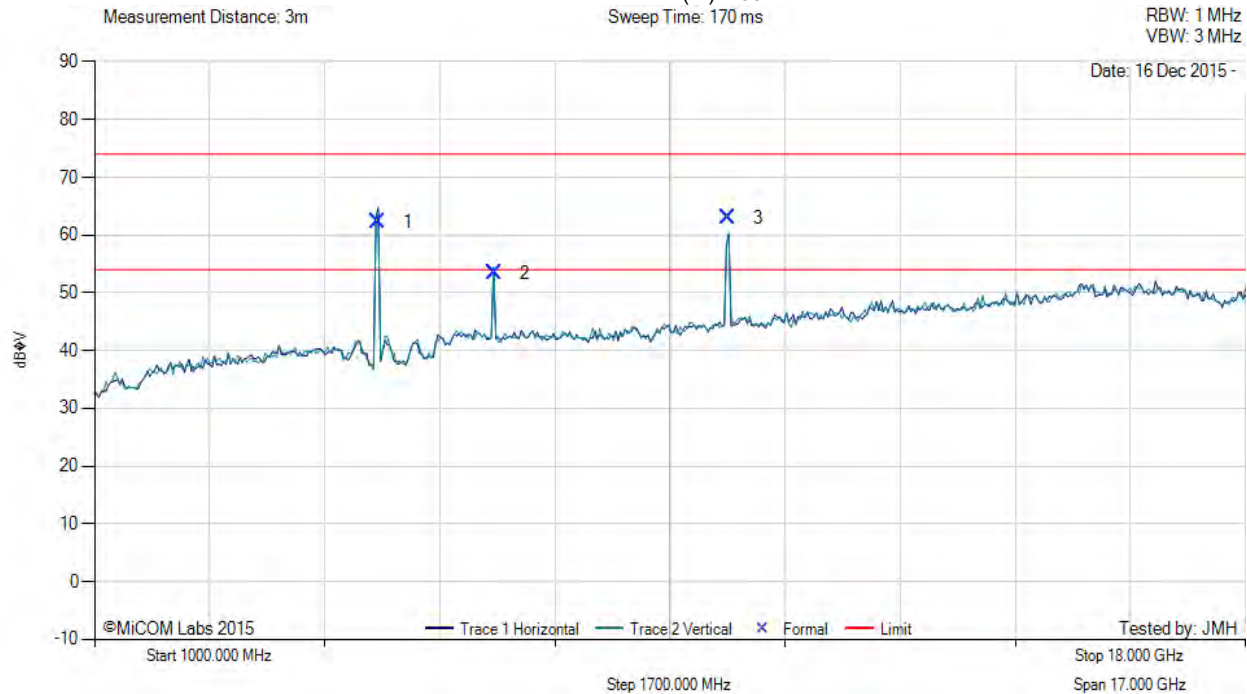
[back to matrix](#)

A.3.7 Integral (APIN0205)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5187.53	70.13	3.68	-11.49	62.32	Fundamental	Horizontal	151	0	--	--	
2	6906.71	56.84	4.11	-7.54	53.41	Peak (NRB)	Horizontal	151	0	--	--	Pass
3	10354.99	62.70	5.53	-5.30	62.93	Peak (NRB)	Horizontal	151	0	--	--	Pass

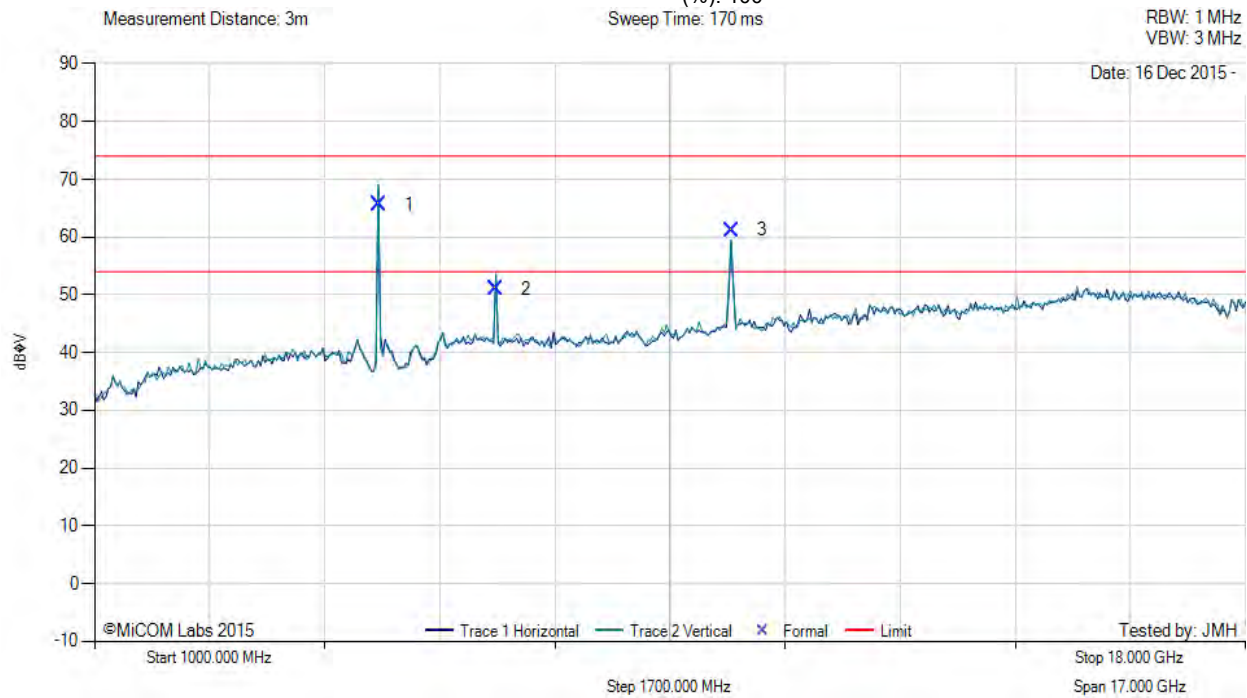
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5200.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5198.20	73.36	3.66	-11.47	65.55	Fundamental	Horizontal	200	1	--	--	
2	6933.31	54.32	4.11	-7.49	50.94	Peak (NRB)	Horizontal	200	1	--	--	Pass
3	10405.66	60.70	5.45	-4.99	61.16	Peak (NRB)	Horizontal	198	1	--	--	Pass

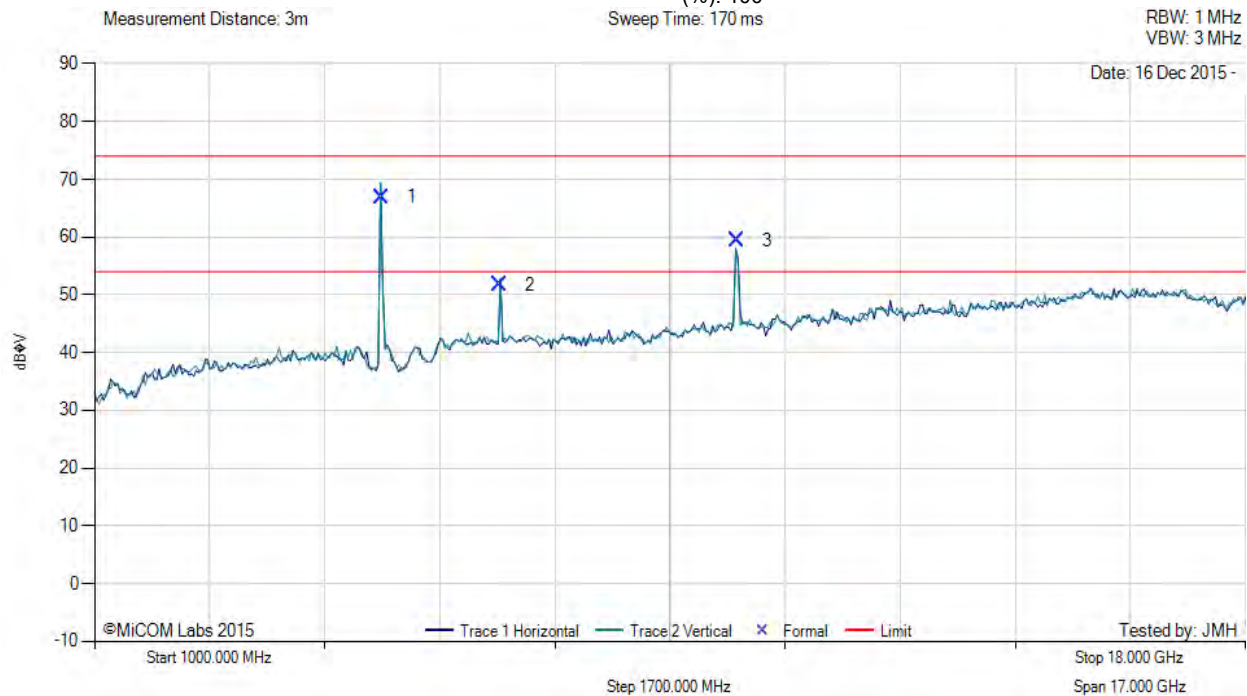
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5240.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 18, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5238.76	74.65	3.63	-11.37	66.91	Fundamental	Horizontal	200	1	--	--	
2	6986.64	55.02	4.13	-7.45	51.70	Peak (NRB)	Horizontal	200	1	--	--	Pass
3	10486.37	58.37	5.42	-4.42	59.37	Peak (NRB)	Horizontal	200	1	--	--	Pass

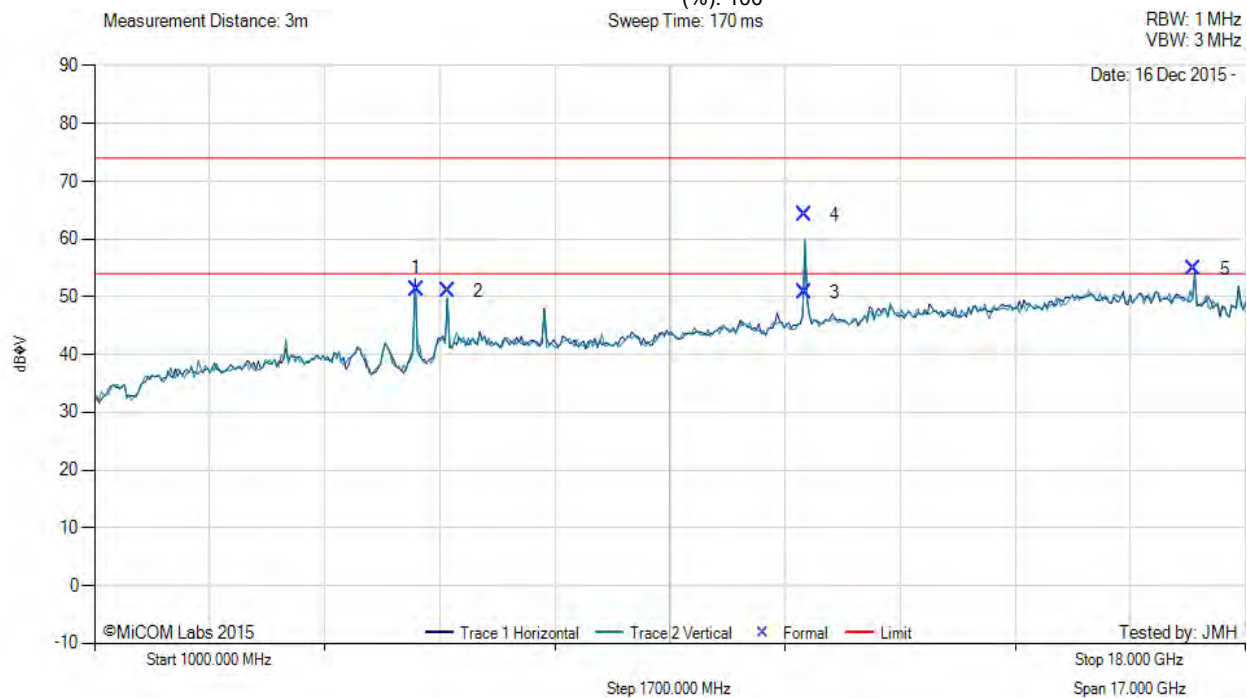
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5749.94	58.11	3.85	-10.63	51.33	Fundamental	Horizontal	151	0	--	--	
2	6219.67	55.84	3.92	-8.78	50.98	Peak (NRB)	Horizontal	151	0	--	--	Pass
3	11492.15	50.14	5.44	-4.84	50.74	Max Avg	Vertical	130	6	54.0	-3.3	Pass
4	11492.15	63.58	5.44	-4.84	64.18	Max Peak	Vertical	130	6	74.0	-9.8	Pass
5	17239.77	48.07	6.47	0.34	54.88	Peak (NRB)	Horizontal	151	360	--	--	Pass

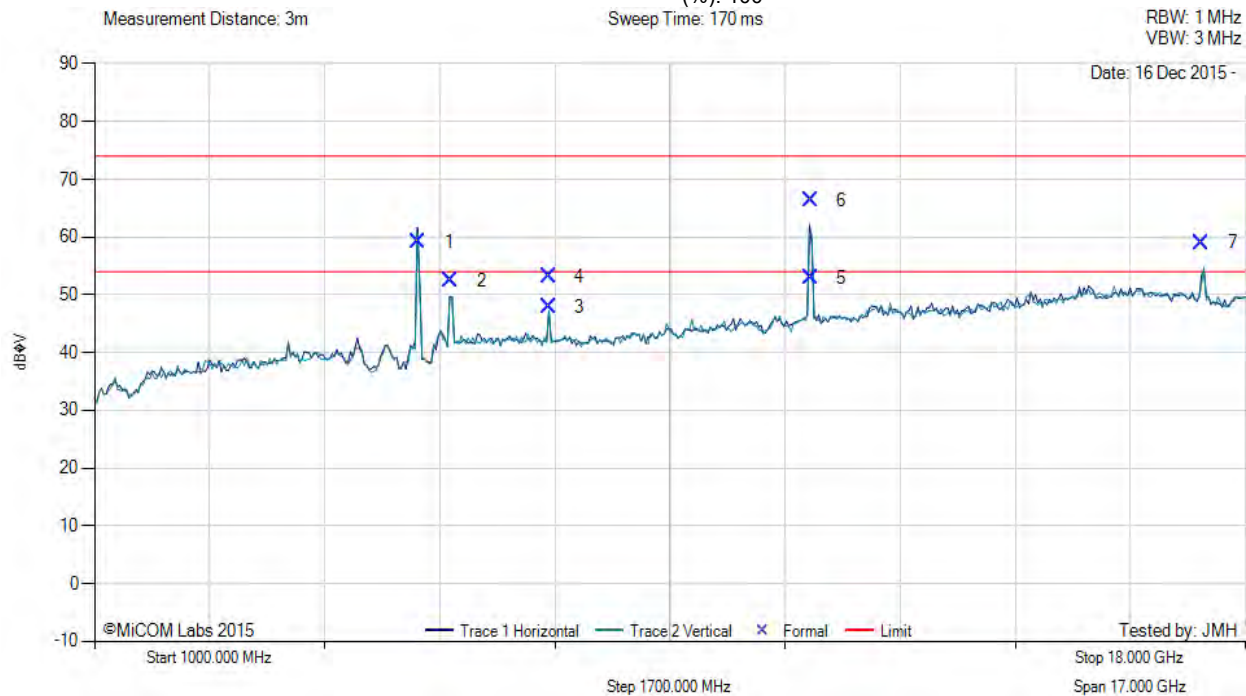
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5785.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5786.49	65.86	3.79	-10.44	59.21	Fundamental	Horizontal	101	1	--	--	
2	6266.85	57.01	3.93	-8.52	52.42	Peak (NRB)	Horizontal	101	1	--	--	Pass
3	7713.28	50.35	4.41	-6.85	47.91	Max Avg	Horizontal	183	355	54.0	-6.1	Pass
4	7713.28	55.66	4.41	-6.85	53.22	Max Peak	Horizontal	183	355	74.0	-20.8	Pass
5	11573.83	52.13	5.42	-4.62	52.93	Max Avg	Horizontal	193	38	54.0	-1.1	Pass
6	11573.83	65.52	5.42	-4.62	66.32	Max Peak	Horizontal	193	38	74.0	-7.7	Pass
7	17357.99	52.77	6.28	-0.03	59.02	Peak (NRB)	Vertical	101	1	--	--	Pass

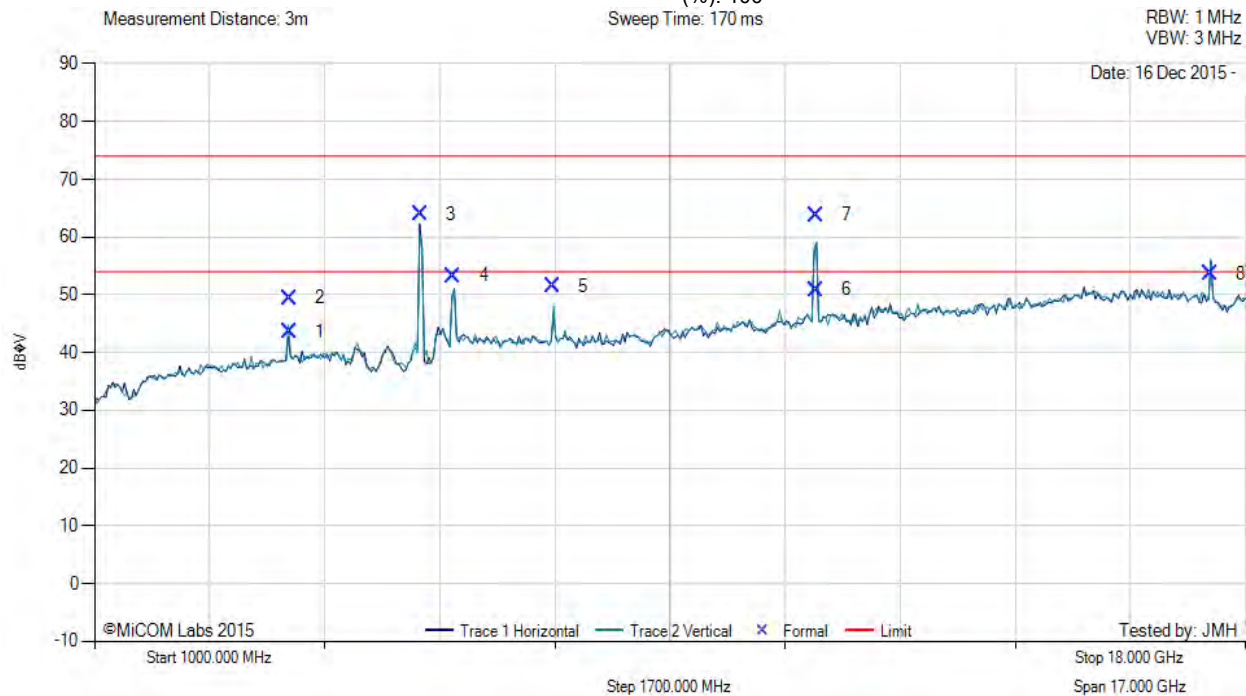
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

RADIATED SPURIOUS - RESTRICTED BAND EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks Metal Sheet, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	3883.34	51.09	3.25	-10.76	43.58	Max Avg	Vertical	145	25	54.0	-10.4	Pass
2	3883.34	56.92	3.25	-10.76	49.41	Max Peak	Vertical	145	25	74.0	-24.6	Pass
3	5820.32	70.42	3.83	-10.26	63.99	Fundamental	Horizontal	151	1	--	--	
4	6304.09	57.72	3.94	-8.40	53.26	Peak (NRB)	Horizontal	151	1	--	--	Pass
5	7766.60	53.82	4.43	-6.71	51.54	Peak (NRB)	Vertical	151	1	--	--	Pass
6	11652.71	49.86	5.49	-4.46	50.89	Max Avg	Horizontal	131	35	54.0	-3.1	Pass
7	11652.71	62.82	5.49	-4.46	63.85	Max Peak	Horizontal	131	35	74.0	-10.2	Pass
8	17478.28	47.92	6.31	-0.60	53.63	Peak (NRB)	Horizontal	151	1	--	--	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)



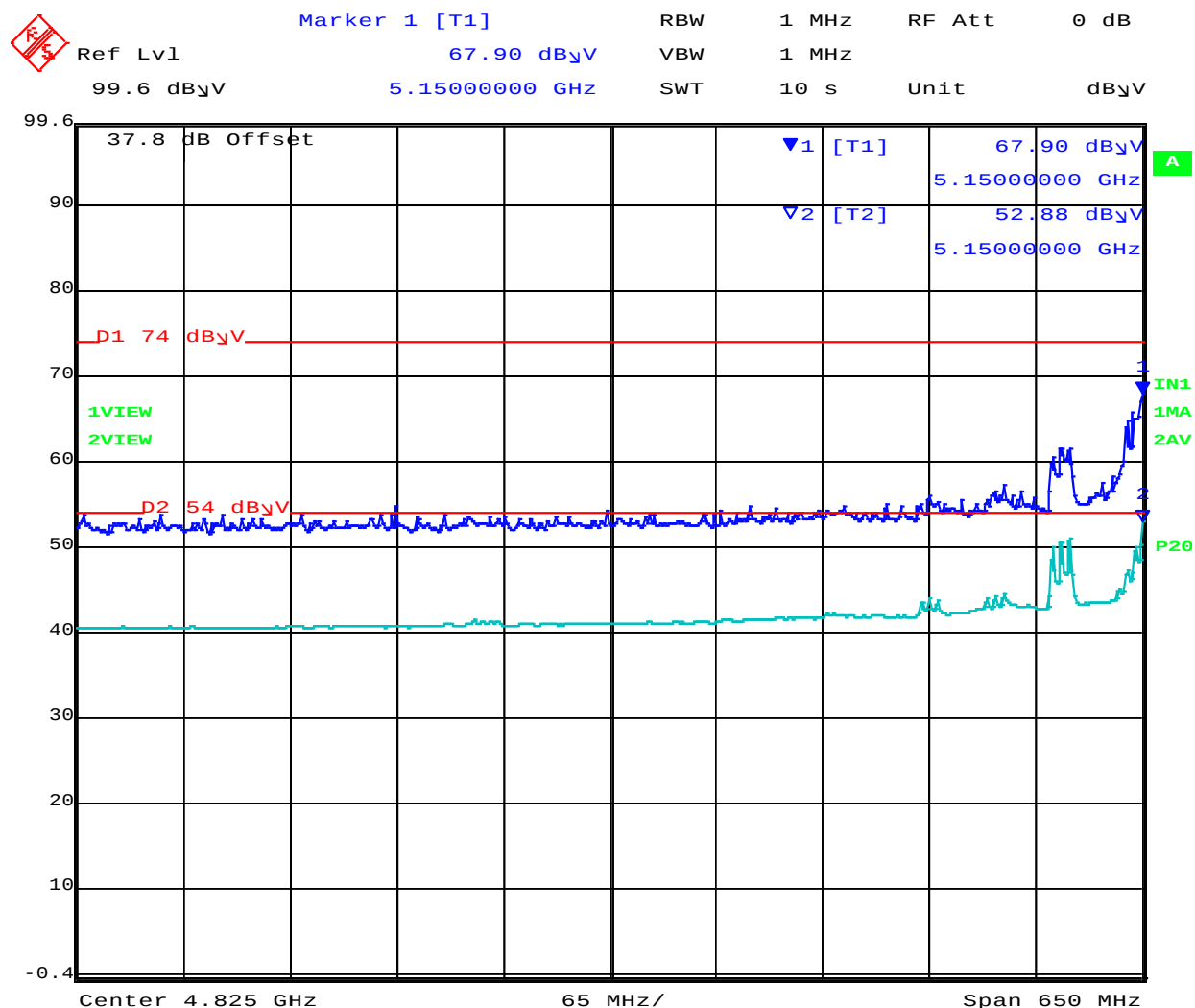
Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 265 of 349

A.4. Restricted Band-Edge Emissions

A.4.1 AP-ANT-1B

Restricted Band-Edge 5150 MHz

802.11a



Date: 1. JAN. 1997 01:40:29

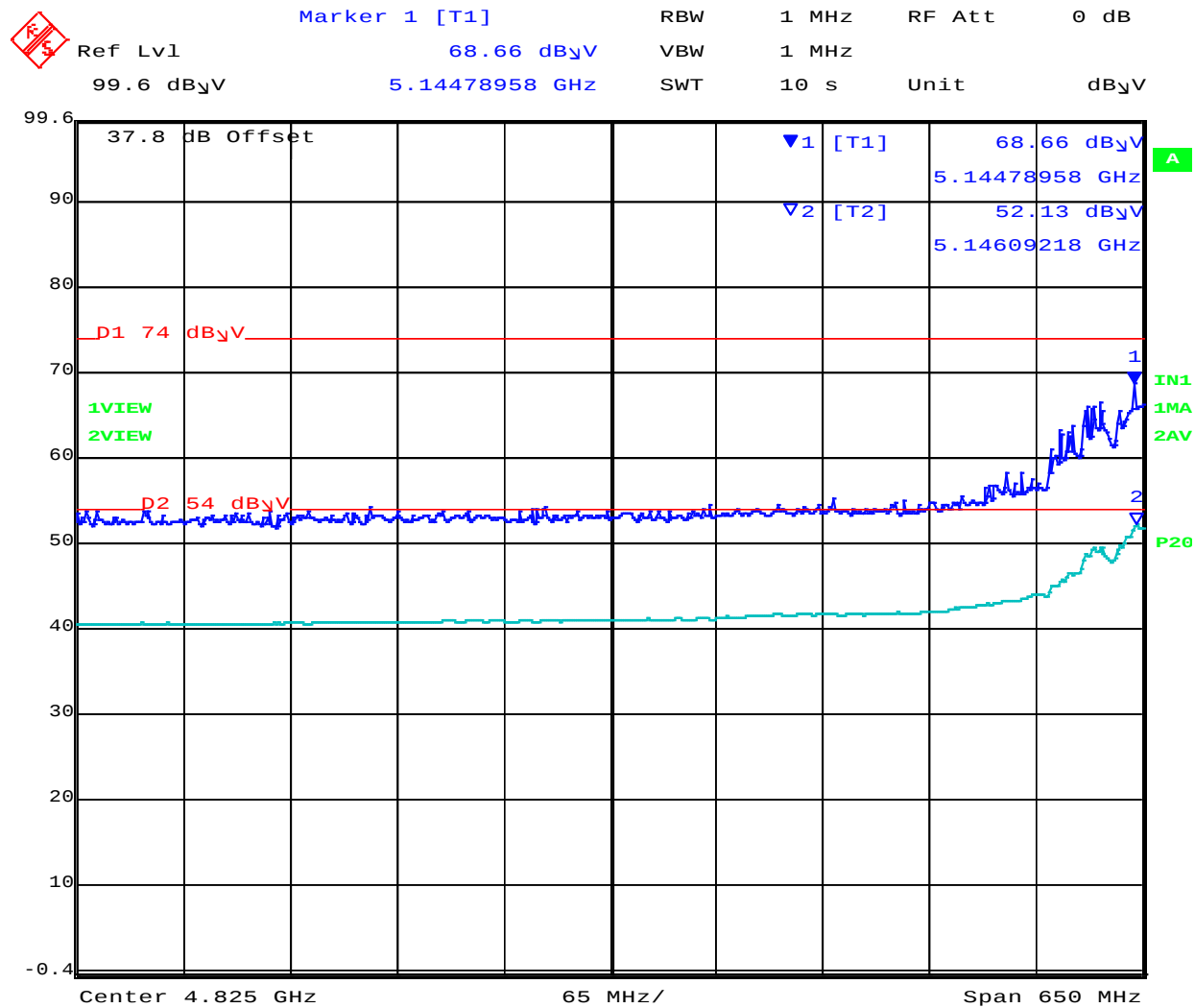
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 266 of 349

Restricted Band-Edge 5150 MHz

802.11ac-80



Date: 1. JAN. 1997 01:55:25

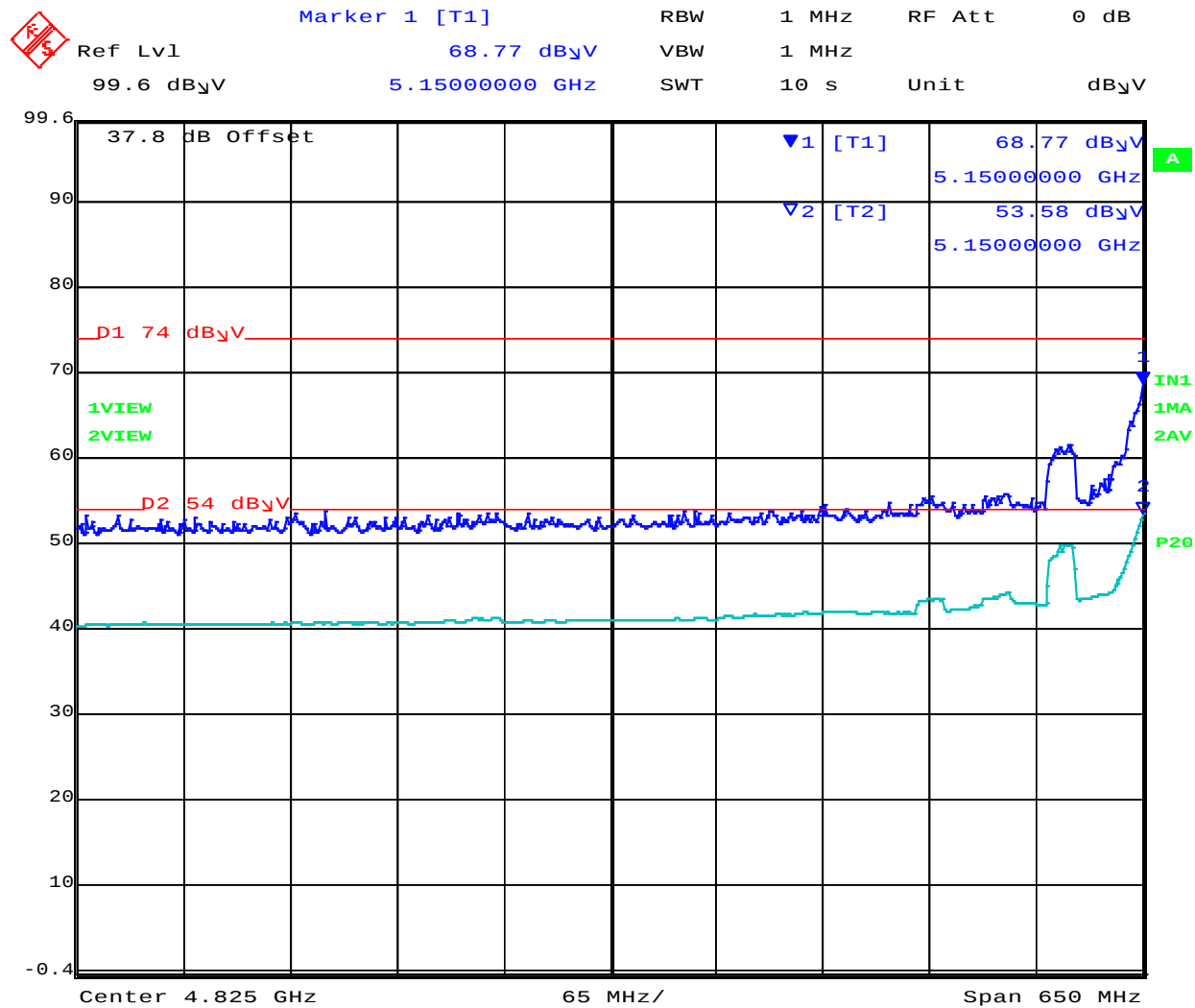
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 267 of 349

Restricted Band-Edge 5150 MHz

802.11HT-20



Date: 1. JAN. 1997 01:44:12

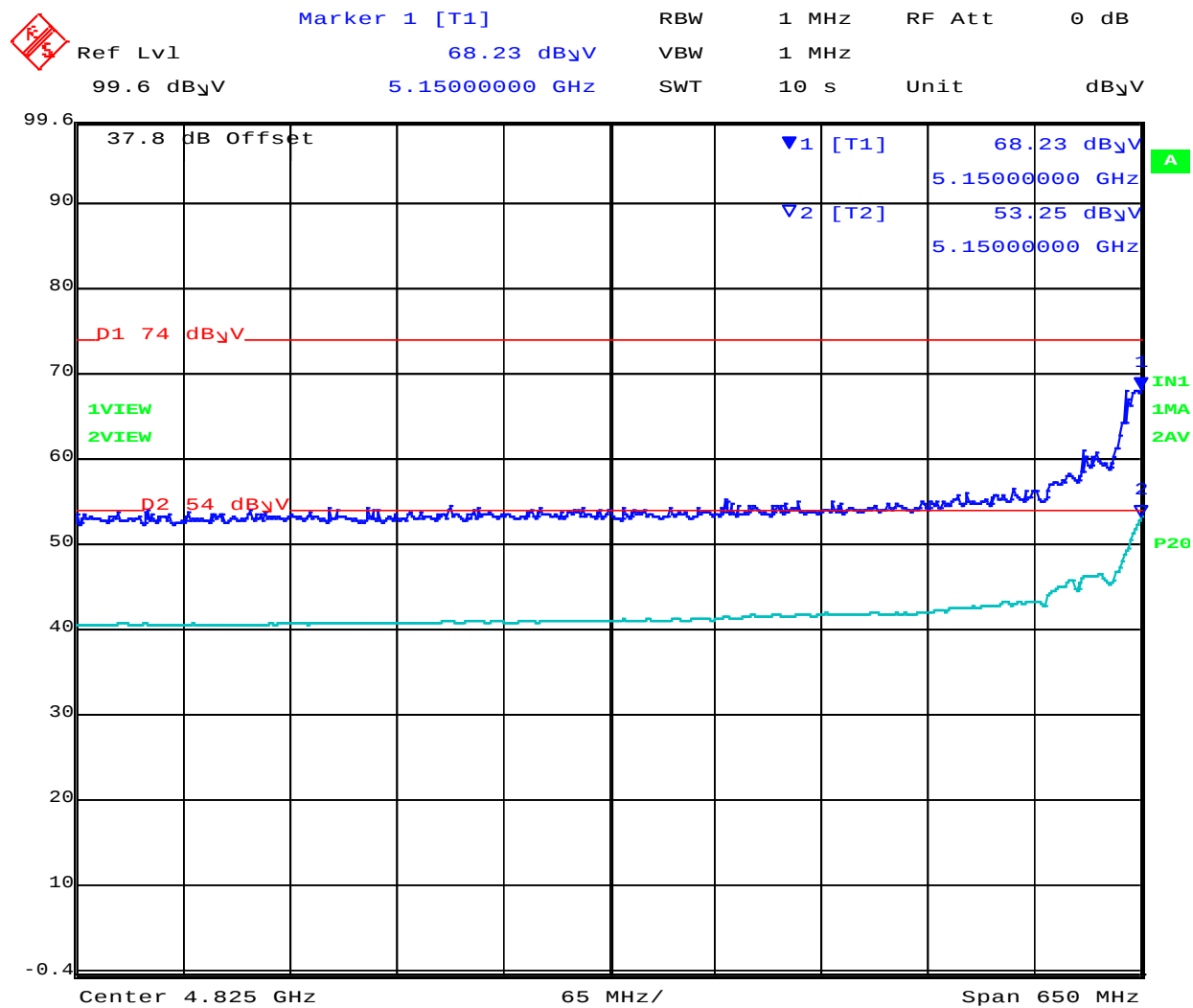
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 268 of 349

Restricted Band-Edge 5150 MHz

802.11HT-40



Date: 1. JAN. 1997 01:51:11

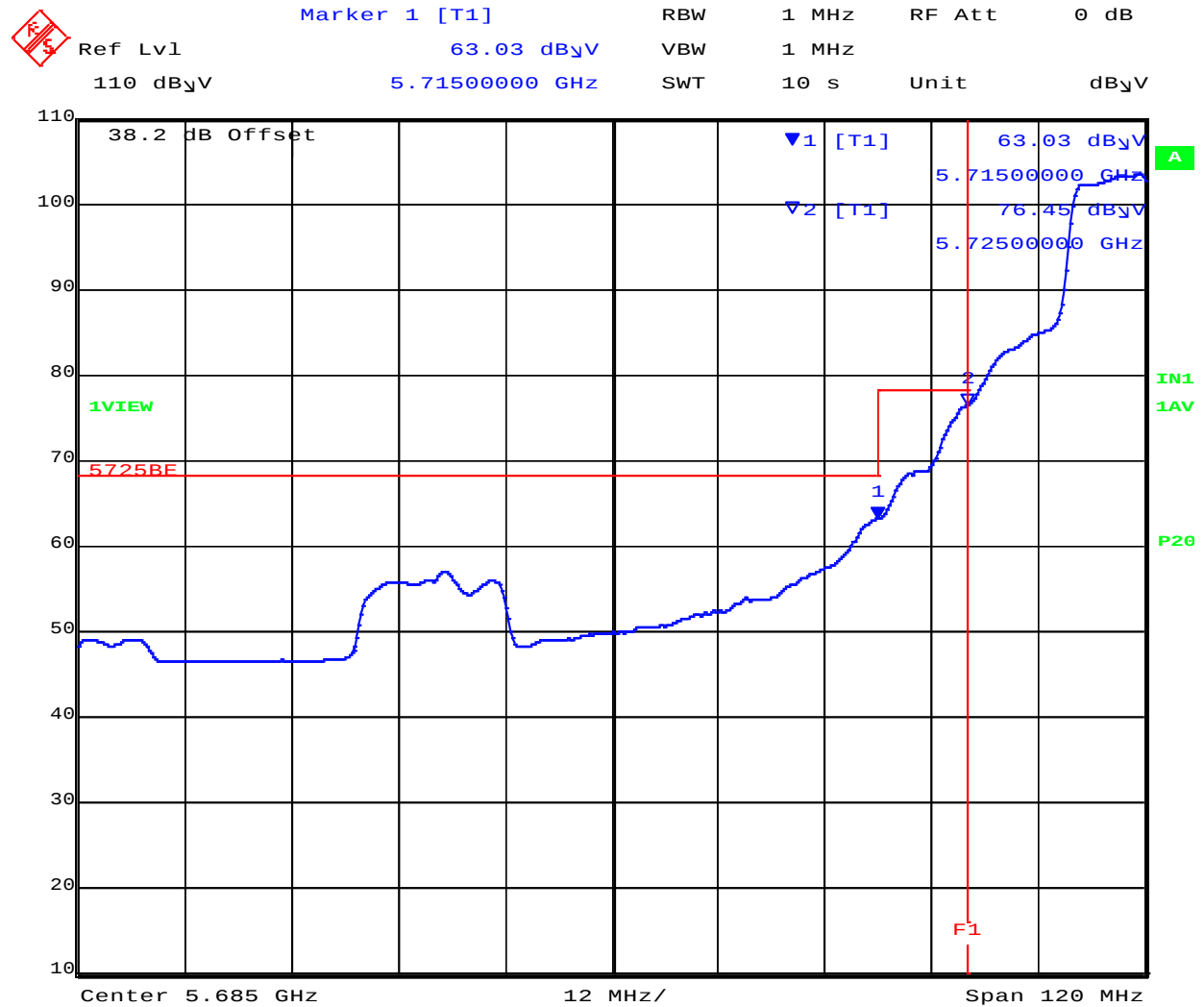
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 269 of 349

Restricted Band-Edge 5725 MHz

802.11a



Date: 1.JAN.1997 02:13:04

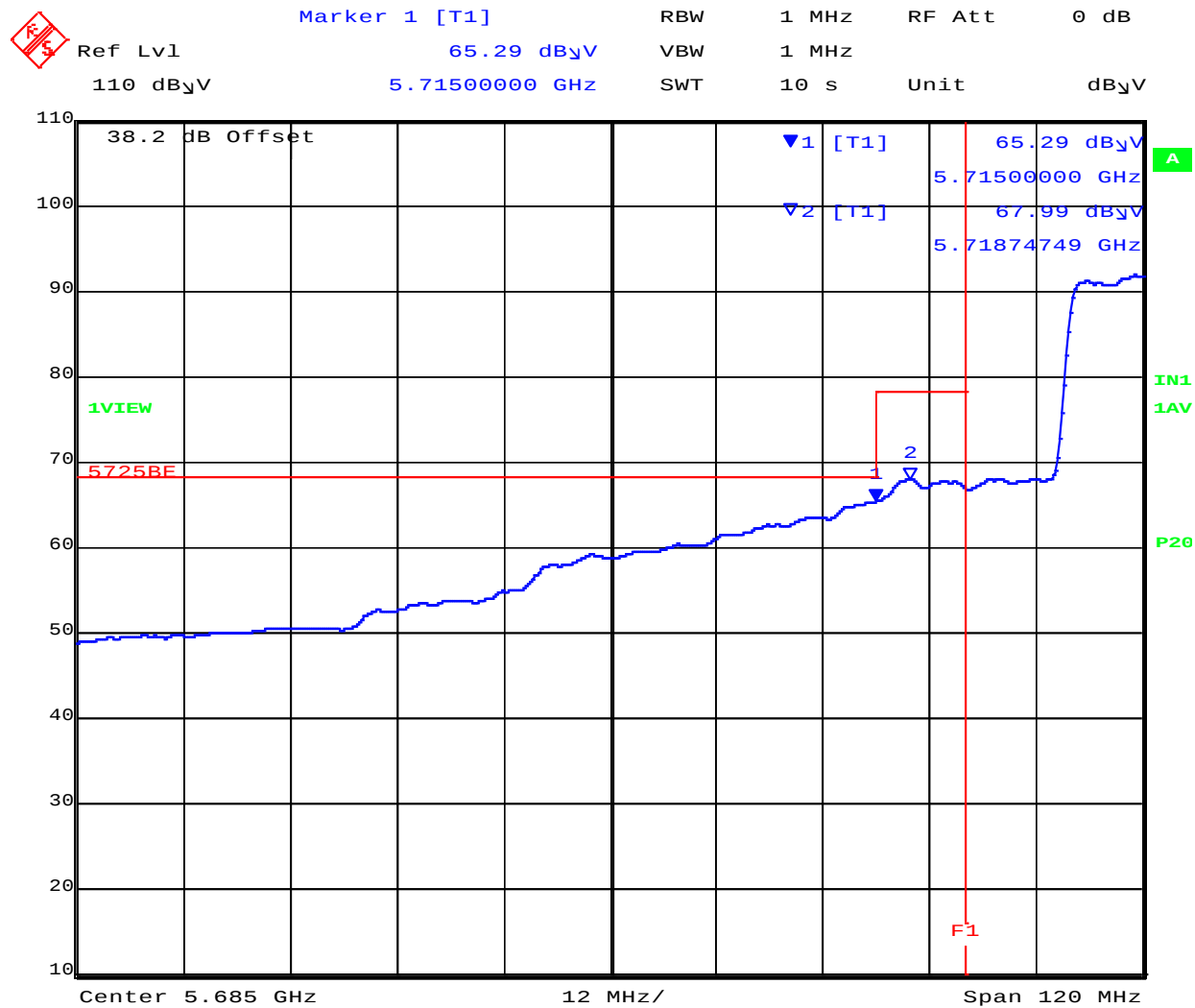
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 270 of 349

Restricted Band-Edge 5725 MHz

802.11ac-80



Date: 1.JAN.1997 02:03:19

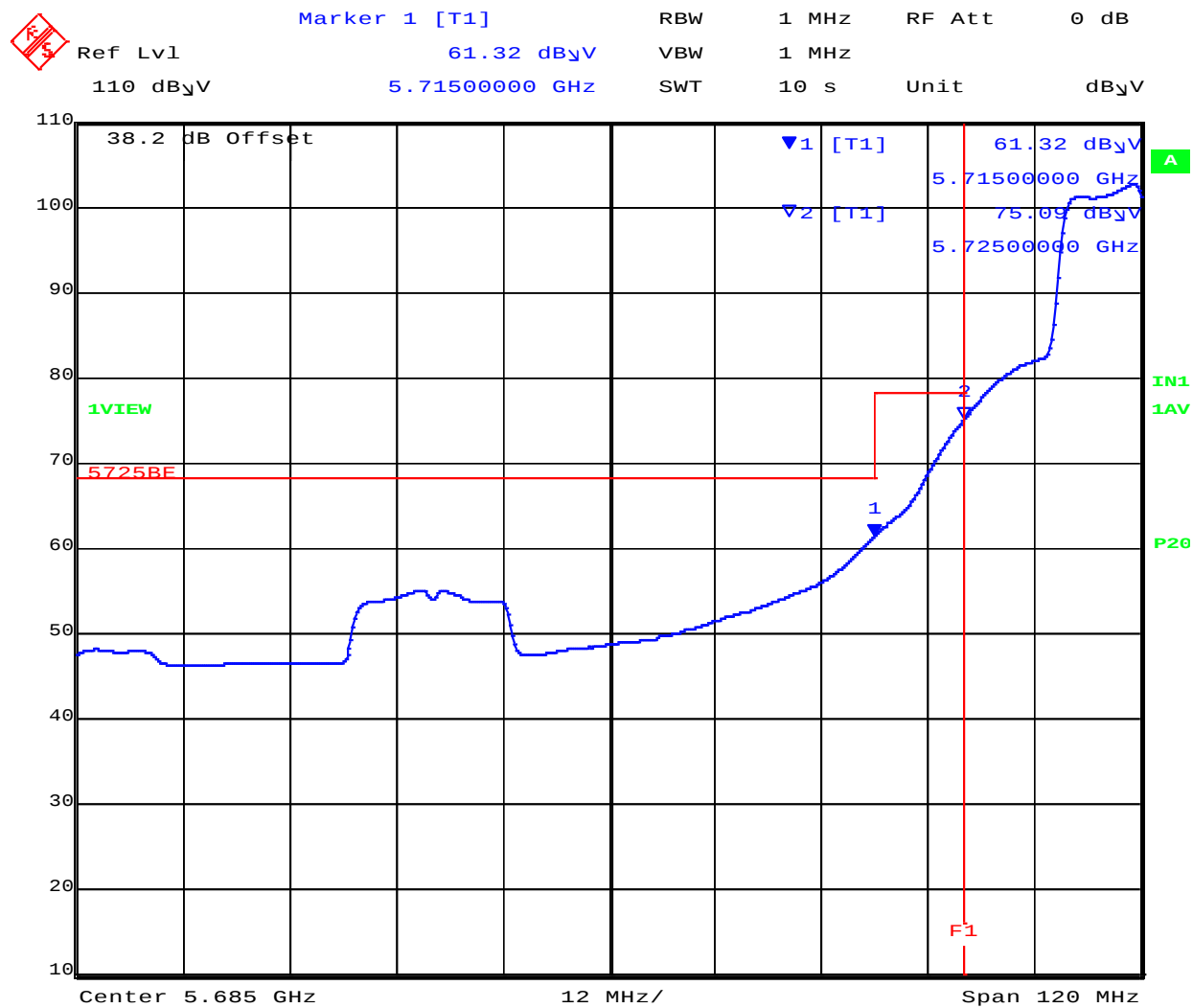
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 271 of 349

Restricted Band-Edge 5725 MHz

802.11HT-20



Date: 1.JAN.1997 02:11:15

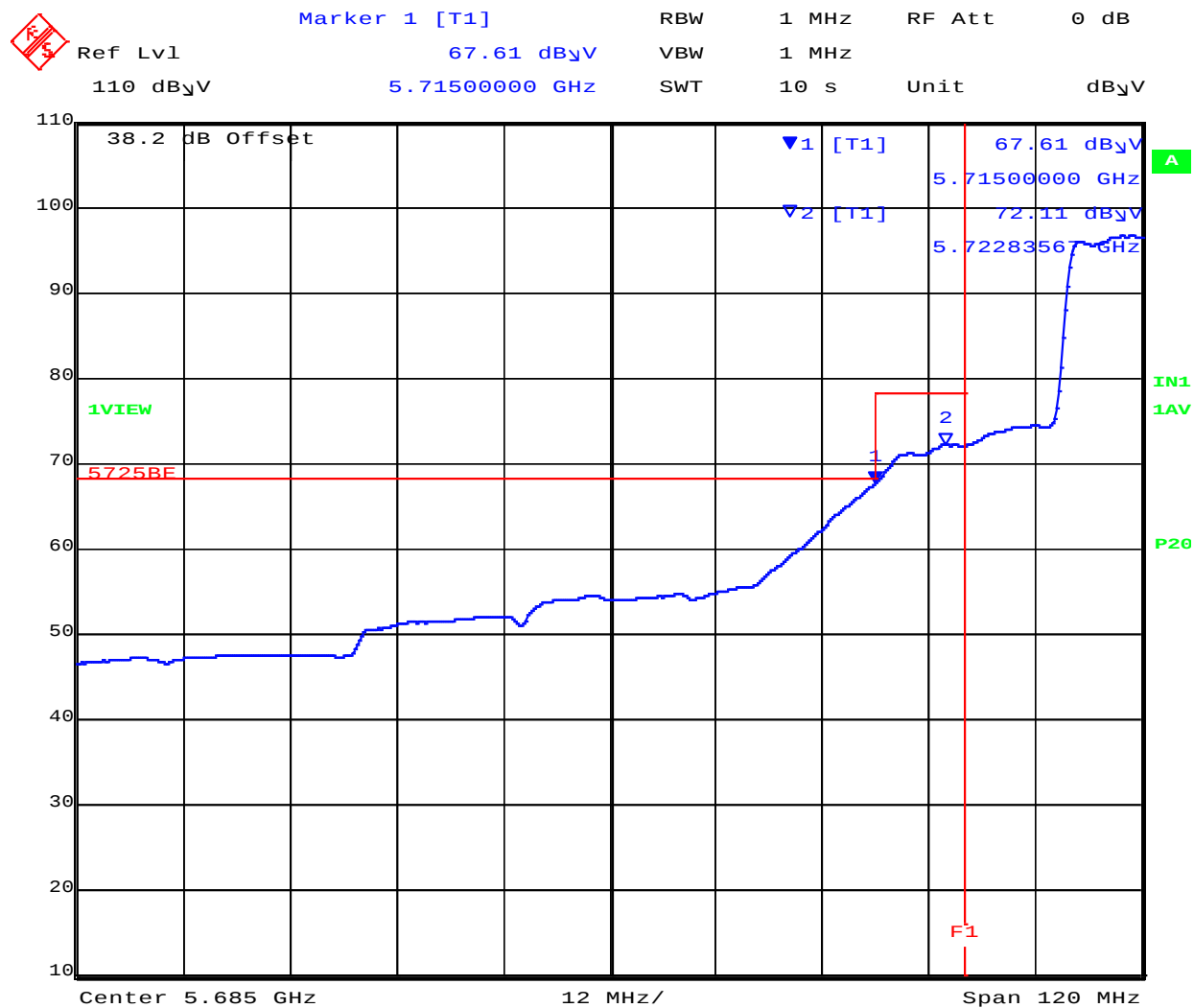
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 272 of 349

Restricted Band-Edge 5725 MHz

802.11HT-40



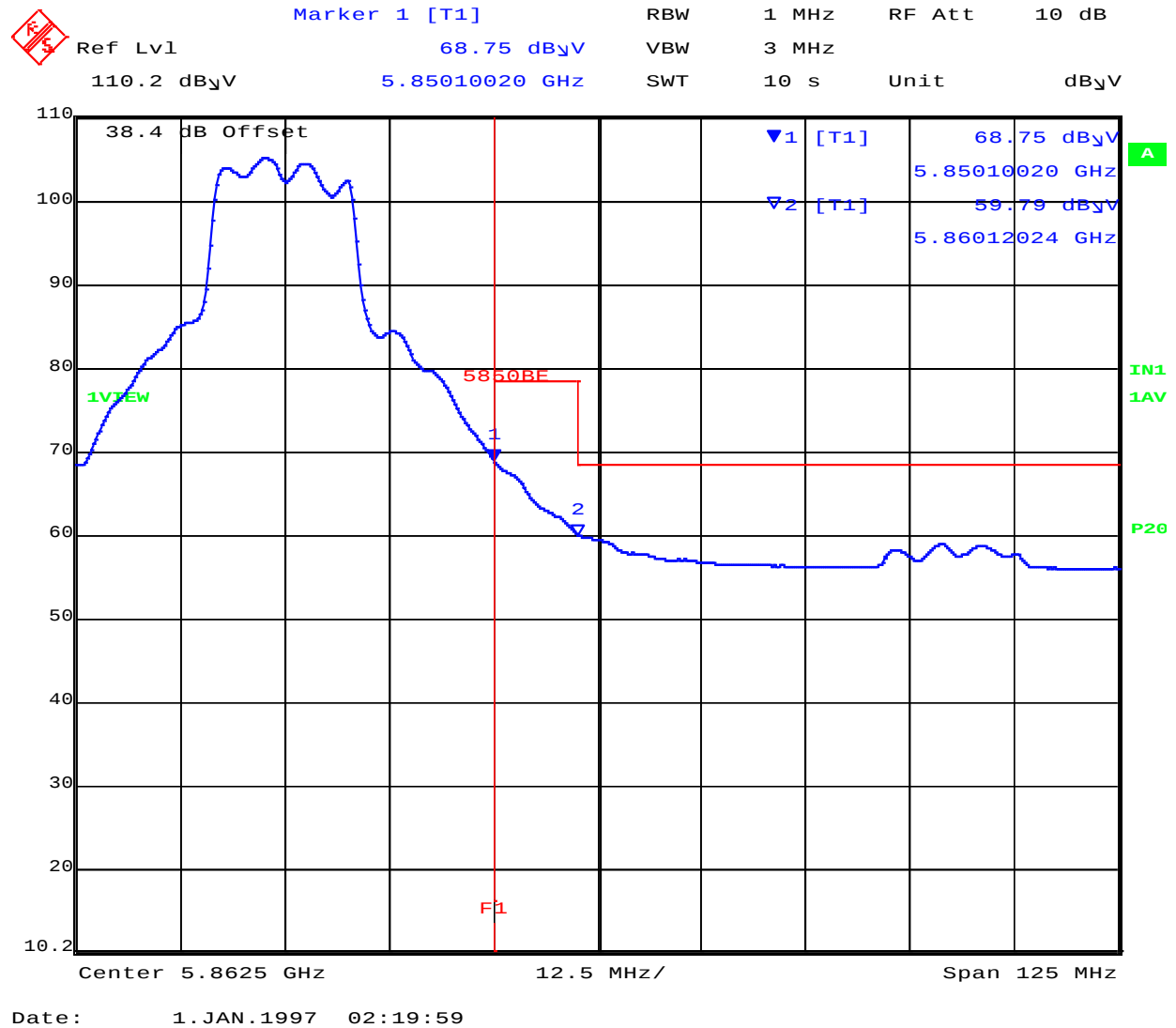
Date: 1.JAN.1997 02:07:29

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz

802.11a



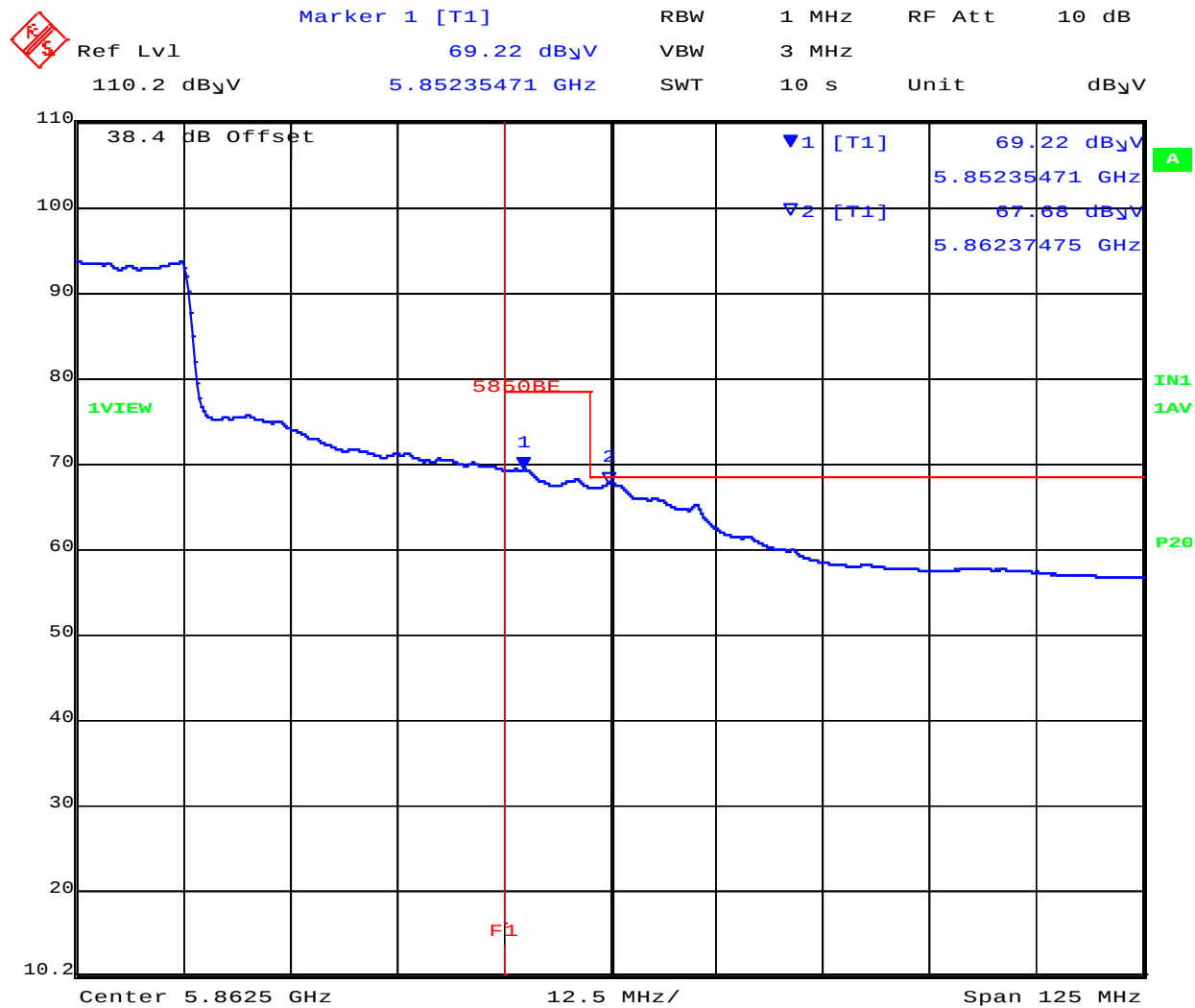
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 274 of 349

Restricted Band-Edge 5850 MHz

802.11ac-80



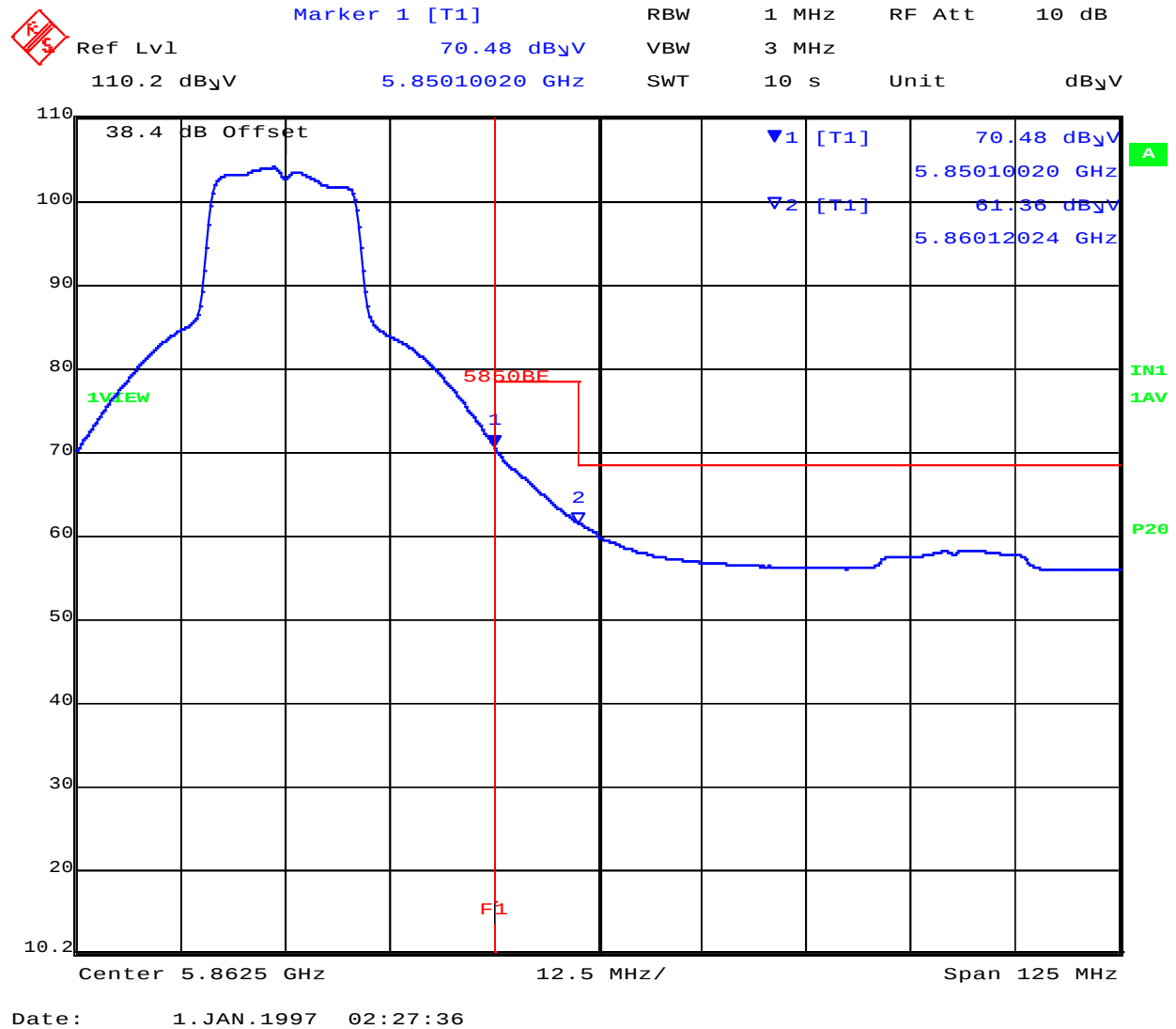
Date: 1.JAN.1997 02:36:10

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 275 of 349

Restricted Band-Edge 5850 MHz
802.11HT-20



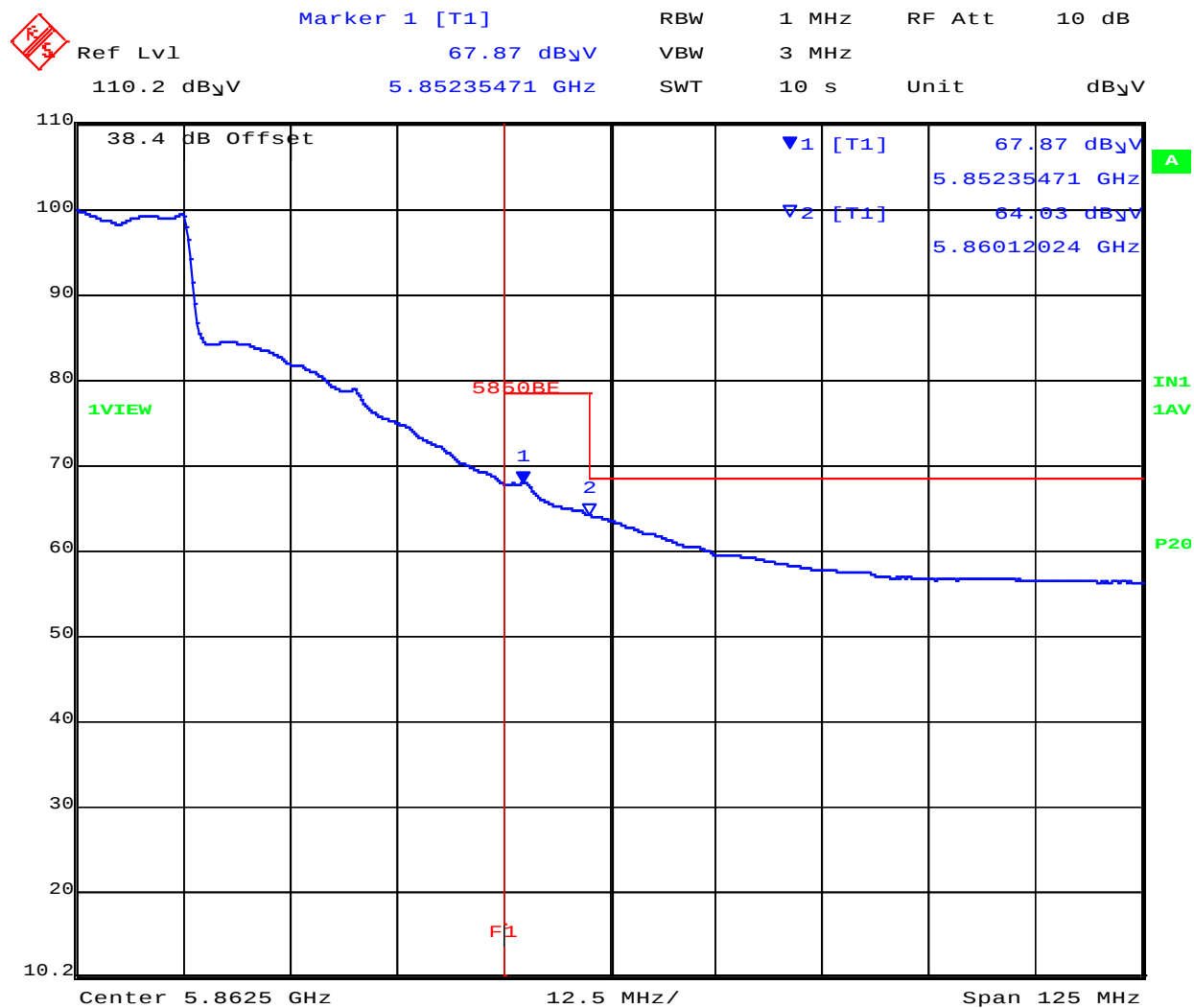
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 276 of 349

Restricted Band-Edge 5850 MHz

802.11HT-40



Date: 1.JAN.1997 02:30:49

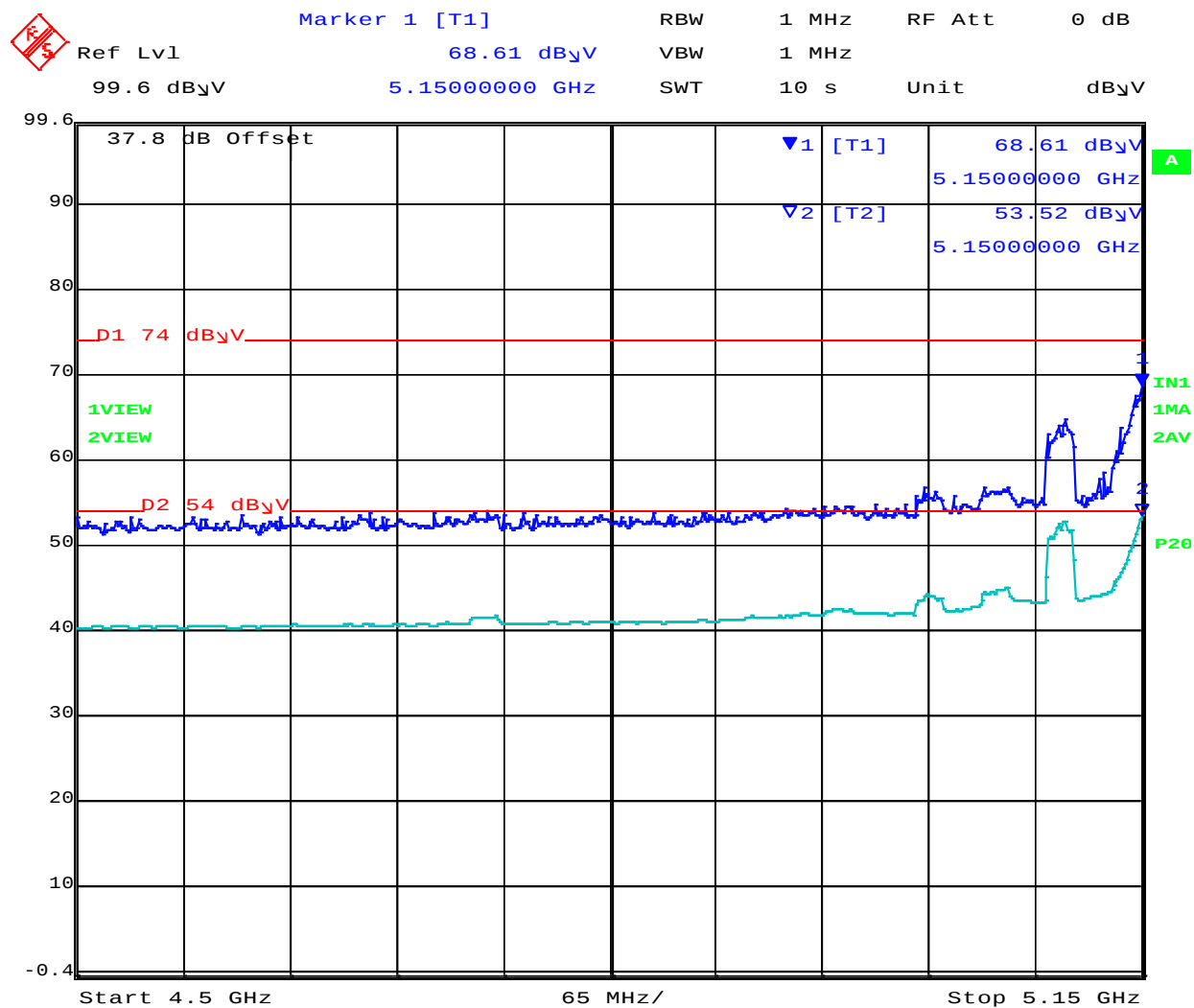
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



A.4.2 AP-ANT-13B

Restricted Band-Edge 5150 MHz

802.11a



Date: 15.DEC.2015 17:12:12

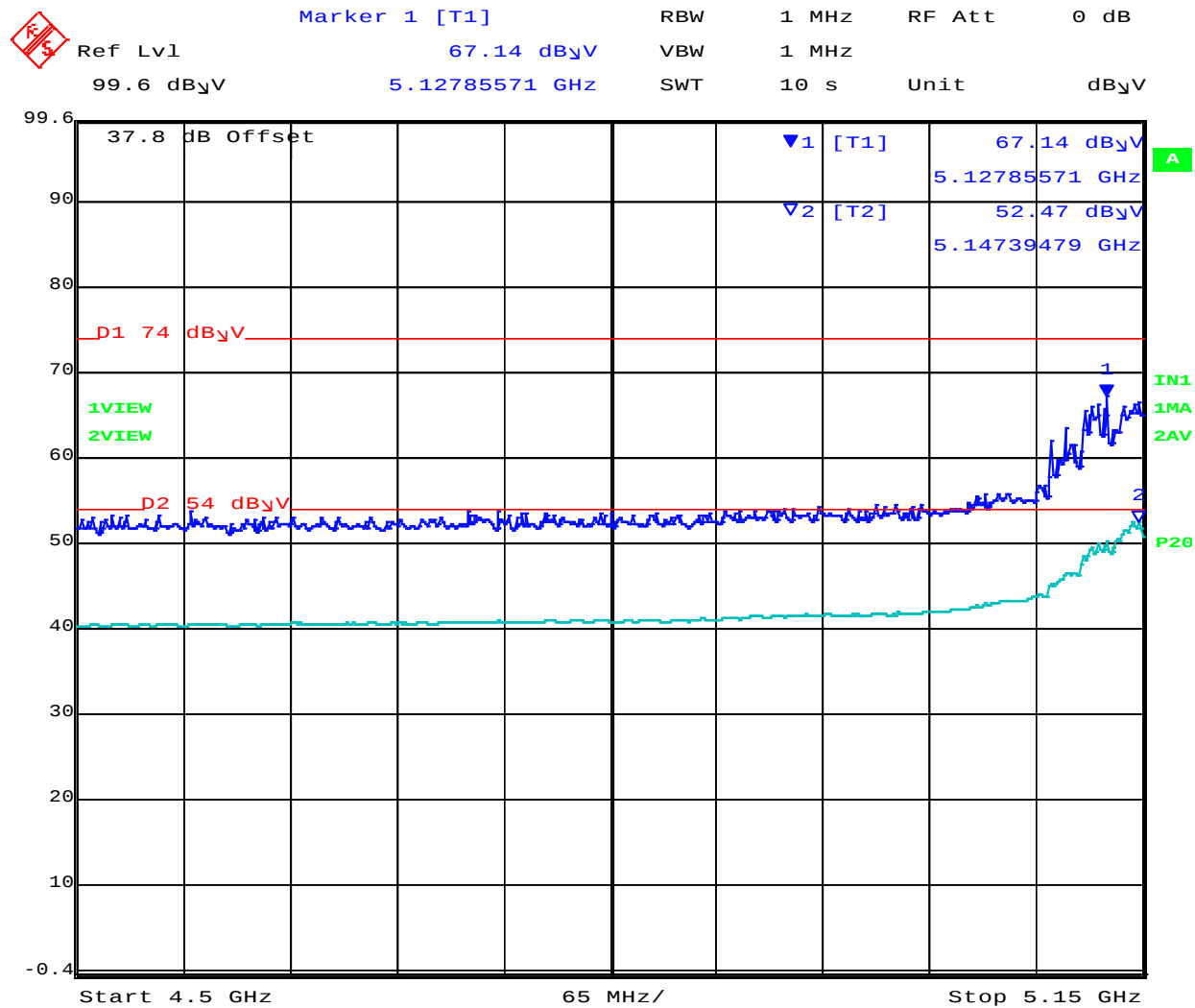
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 278 of 349

Restricted Band-Edge 5150 MHz

802.11ac-80



Date: 15.DEC.2015 17:24:15

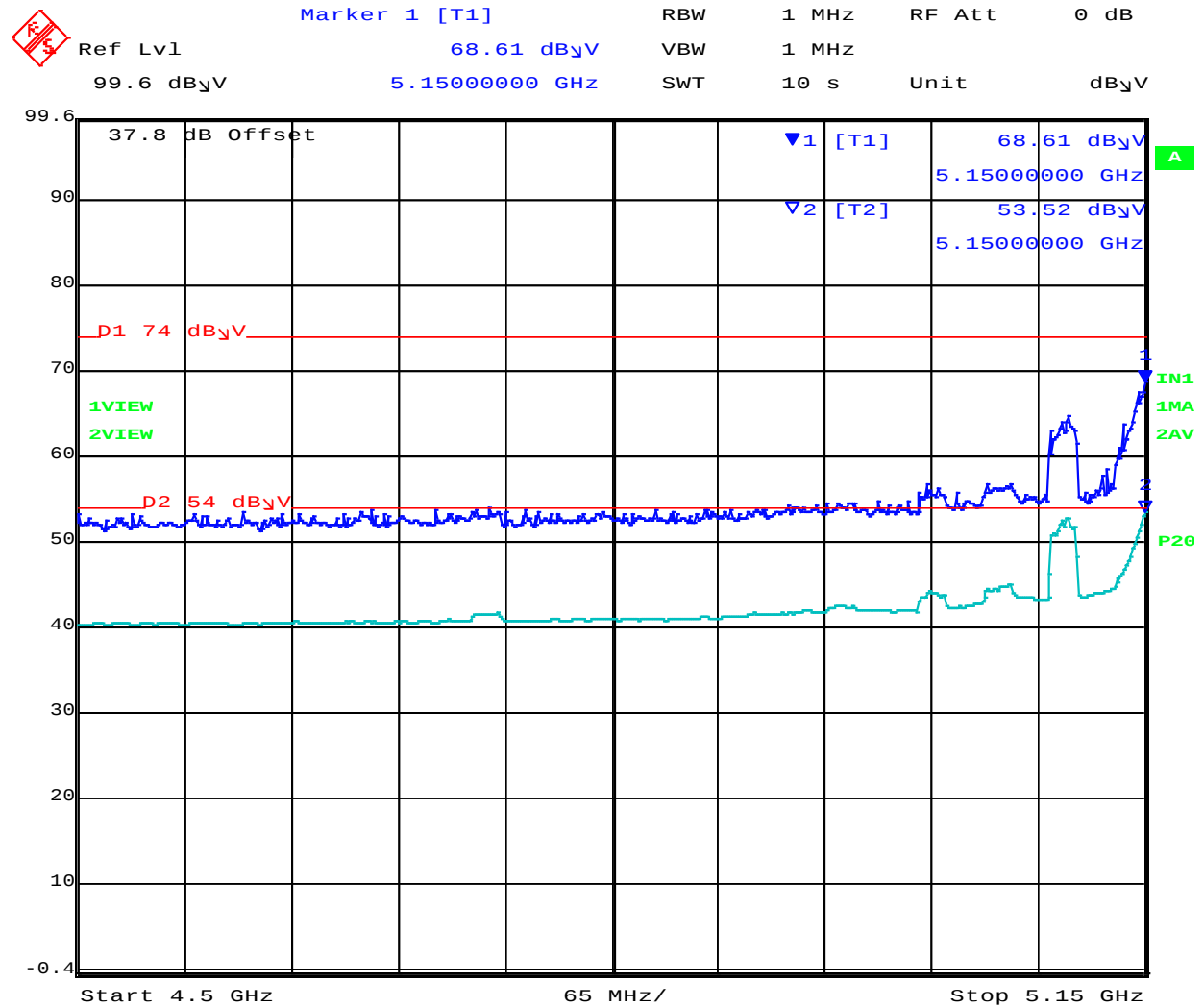
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 279 of 349

Restricted Band-Edge 5150 MHz

802.11HT-20



Date: 15.DEC.2015 17:12:12

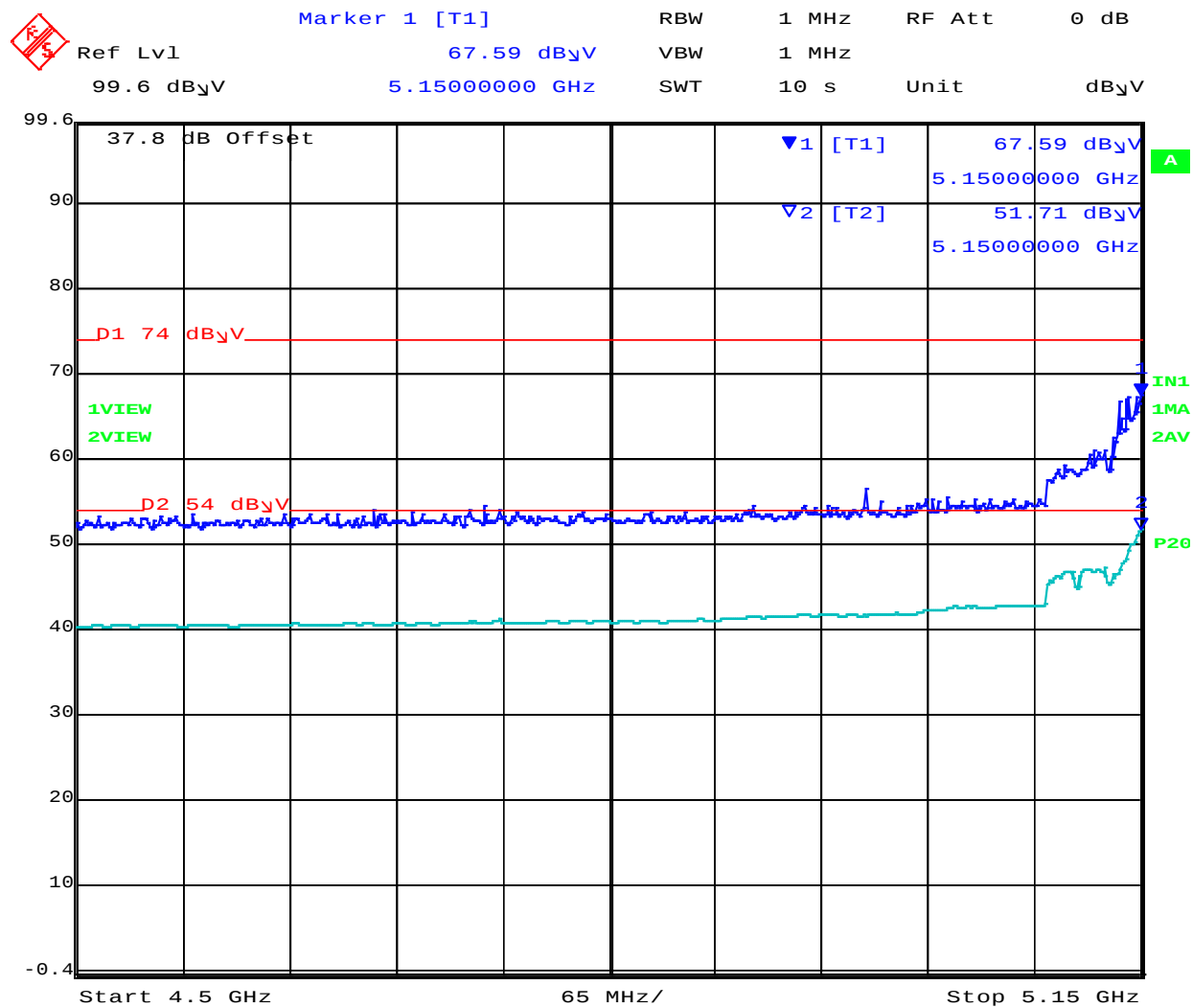
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 280 of 349

Restricted Band-Edge 5150 MHz

802.11HT-40



Date: 15.DEC.2015 17:20:05

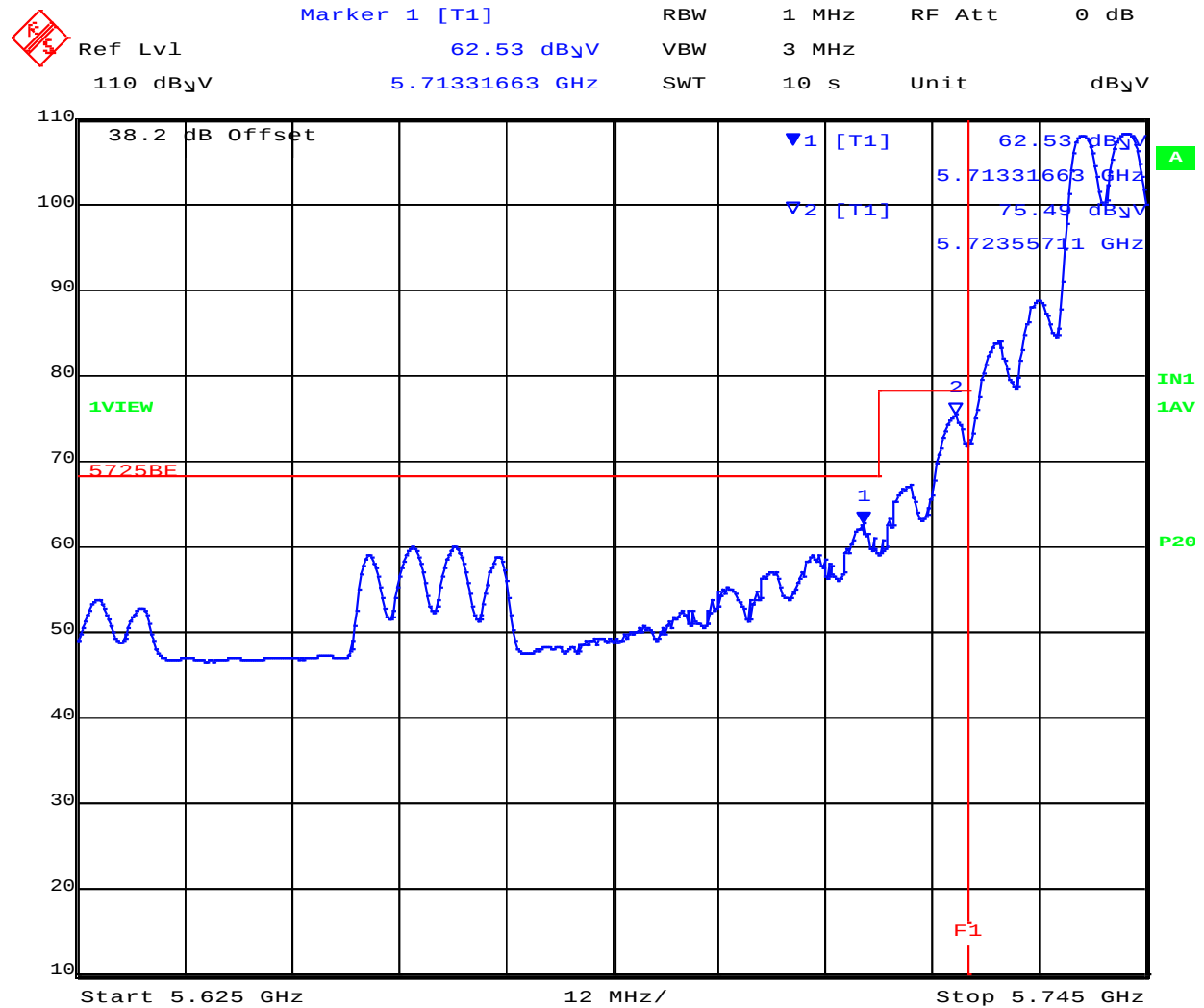
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 281 of 349

Restricted Band-Edge 5725 MHz

802.11a



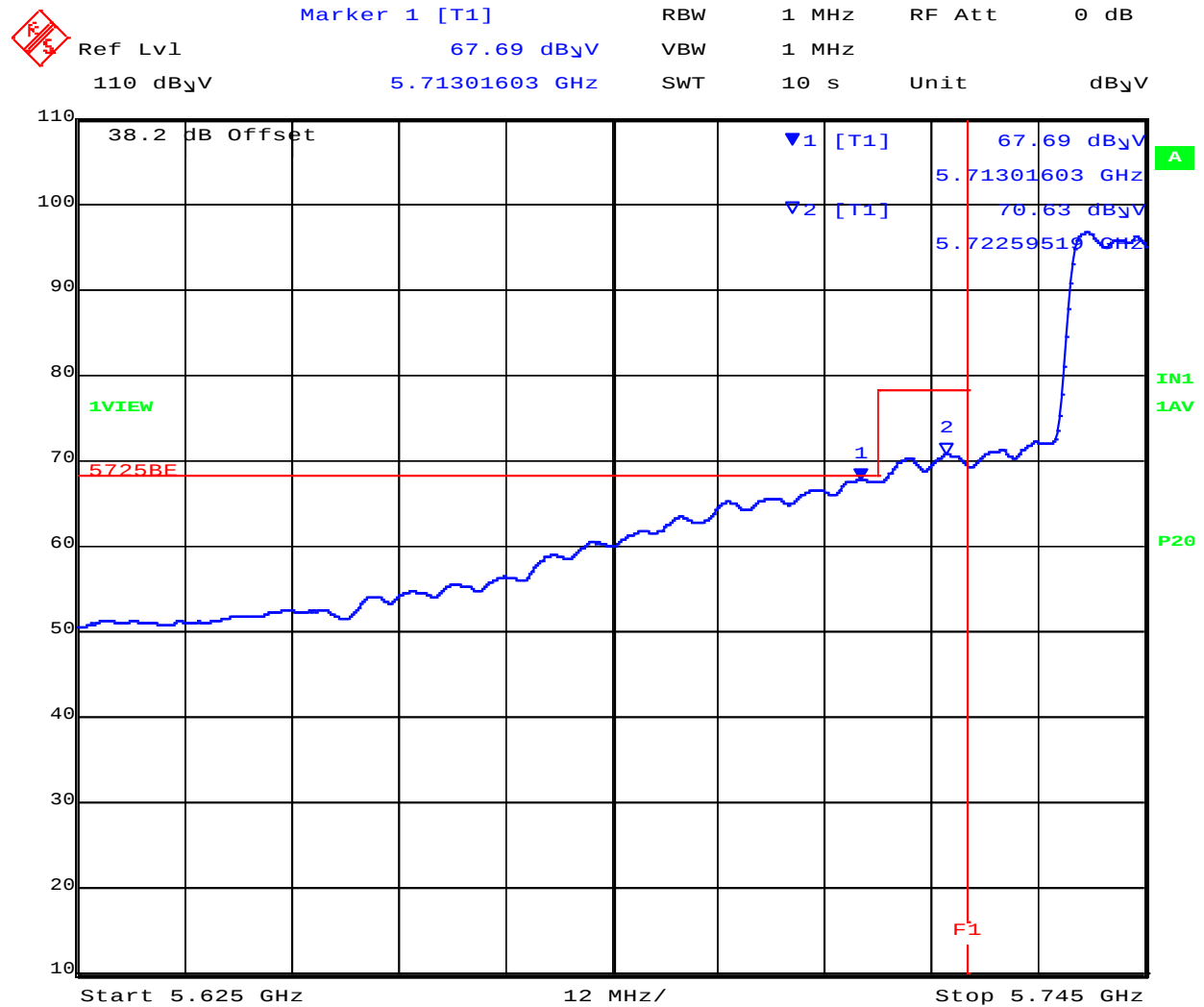
Date: 15.DEC.2015 16:41:58

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5725 MHz

802.11ac-80



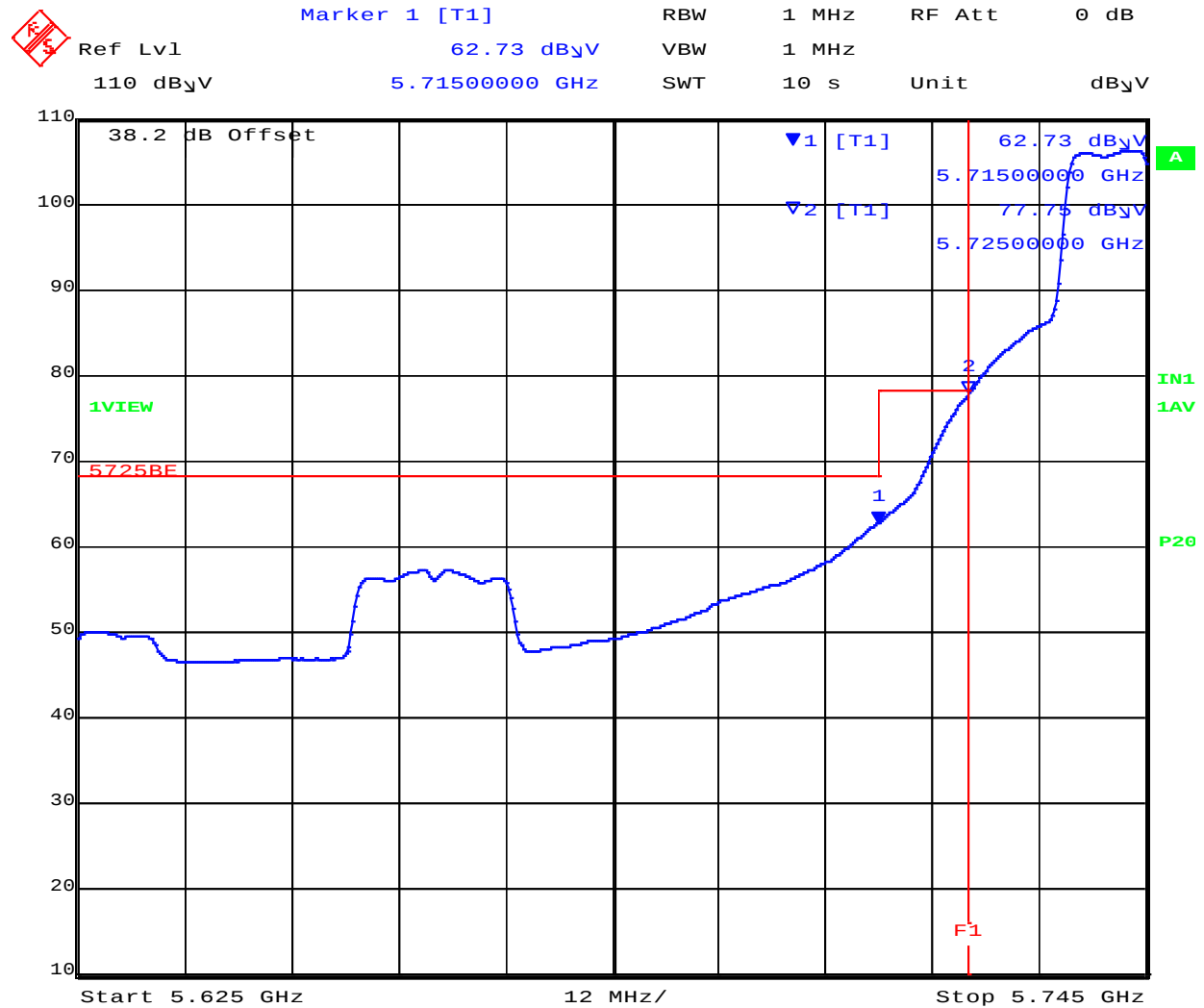
Date: 15.DEC.2015 16:25:42

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5725 MHz

802.11HT-20



Date: 15.DEC.2015 16:37:34

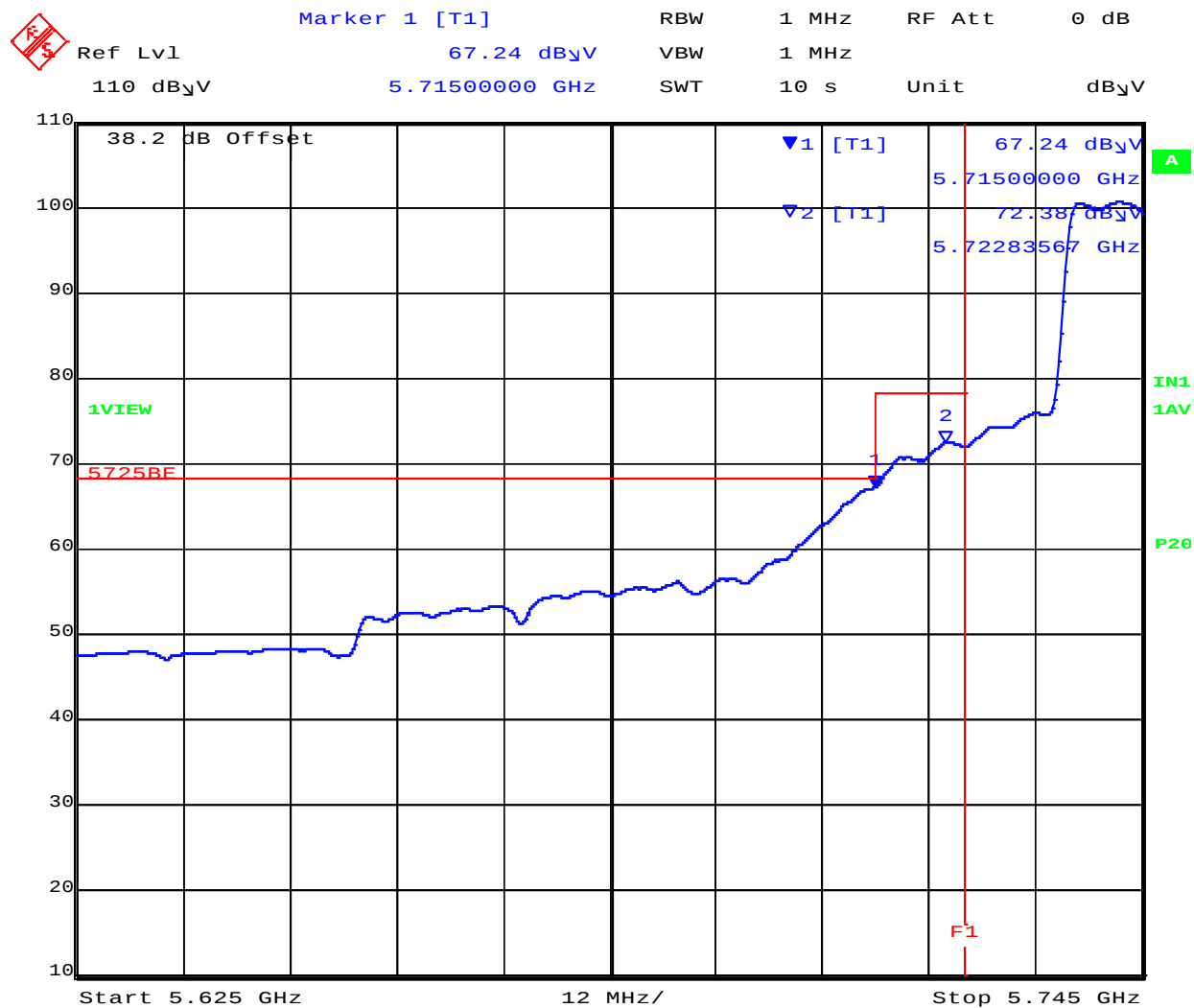
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 284 of 349

Restricted Band-Edge 5725 MHz

802.11HT-40



Date: 15.DEC.2015 16:33:31

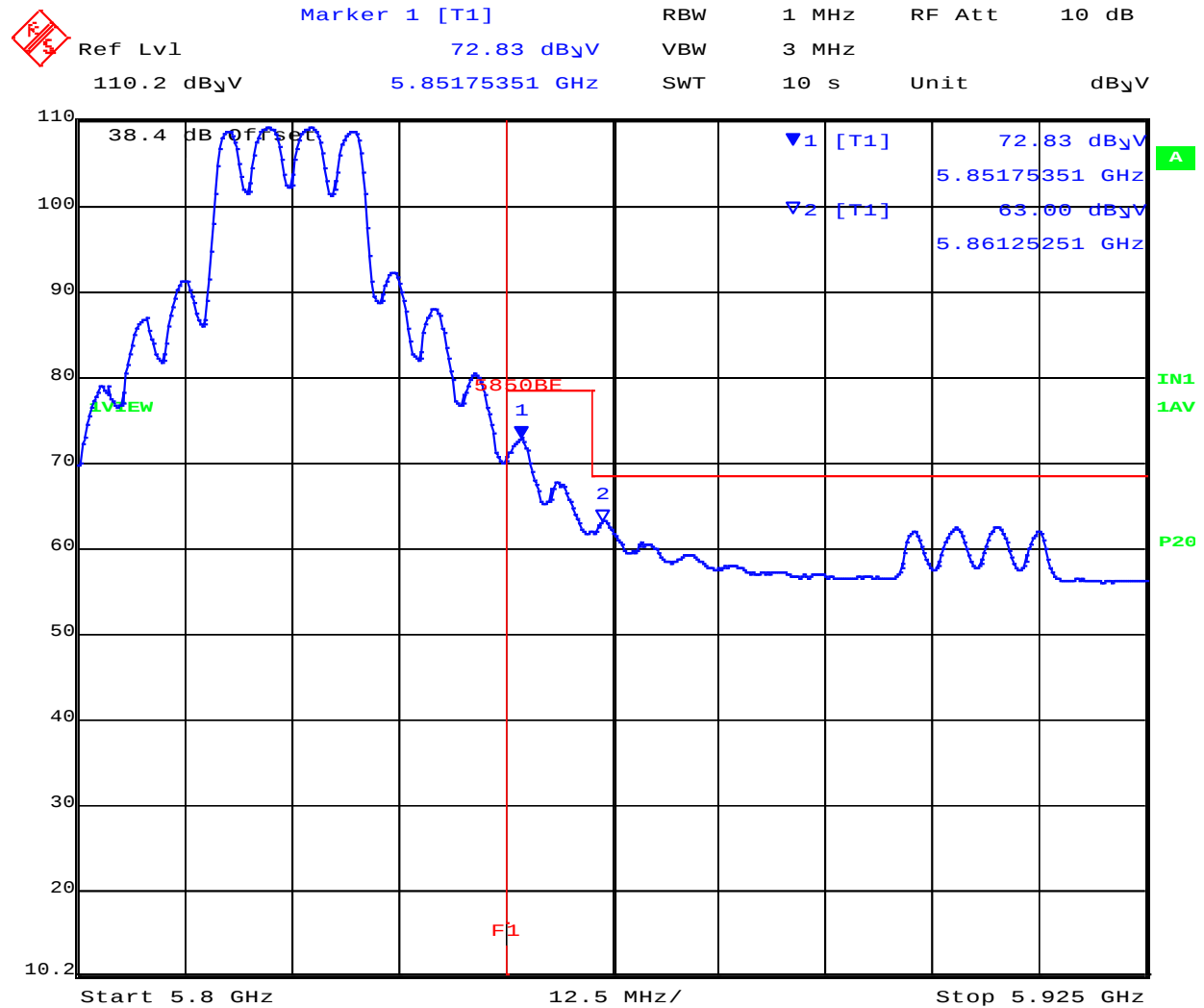
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 285 of 349

Restricted Band-Edge 5850 MHz

802.11a



Date: 15.DEC.2015 17:36:24

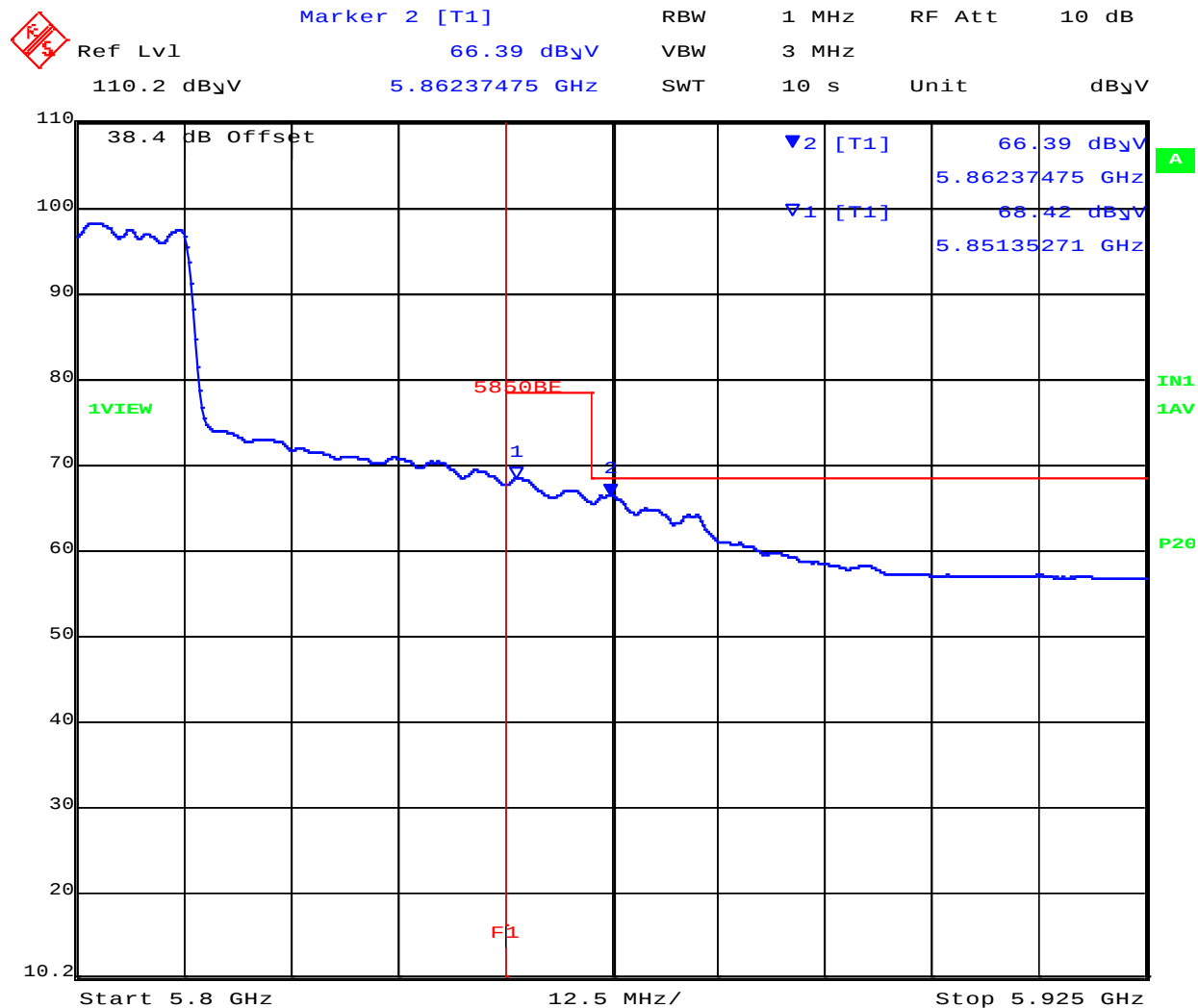
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 286 of 349

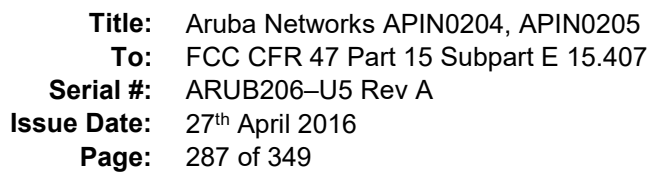
Restricted Band-Edge 5850 MHz

802.11ac-80

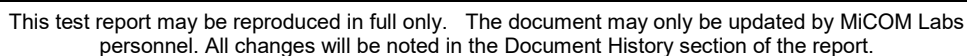


Date: 15.DEC.2015 17:29:29

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

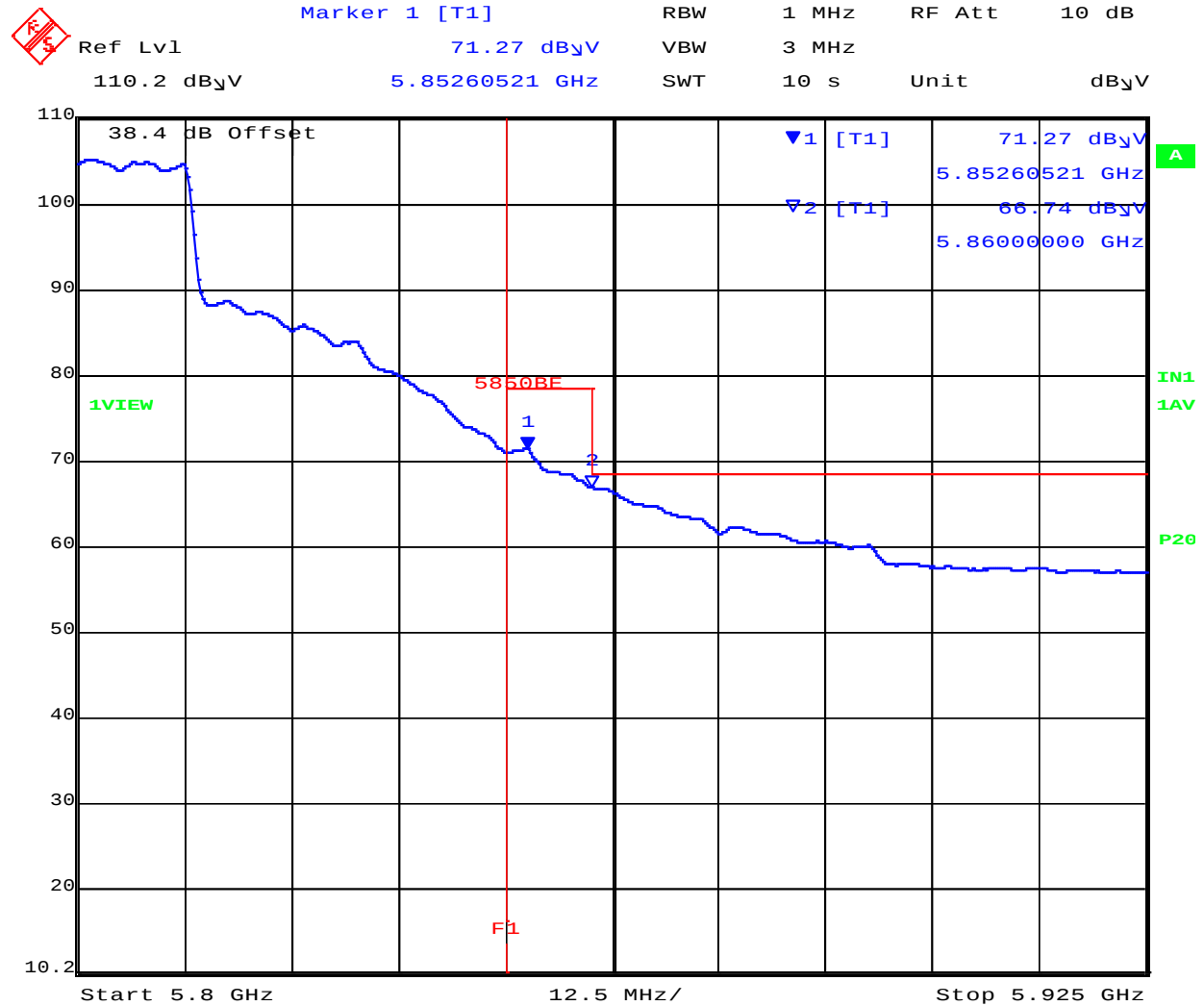


802.11HT-20





Restricted Band-Edge 5850 MHz
802.11HT-40



Date: 15.DEC.2015 17:32:22

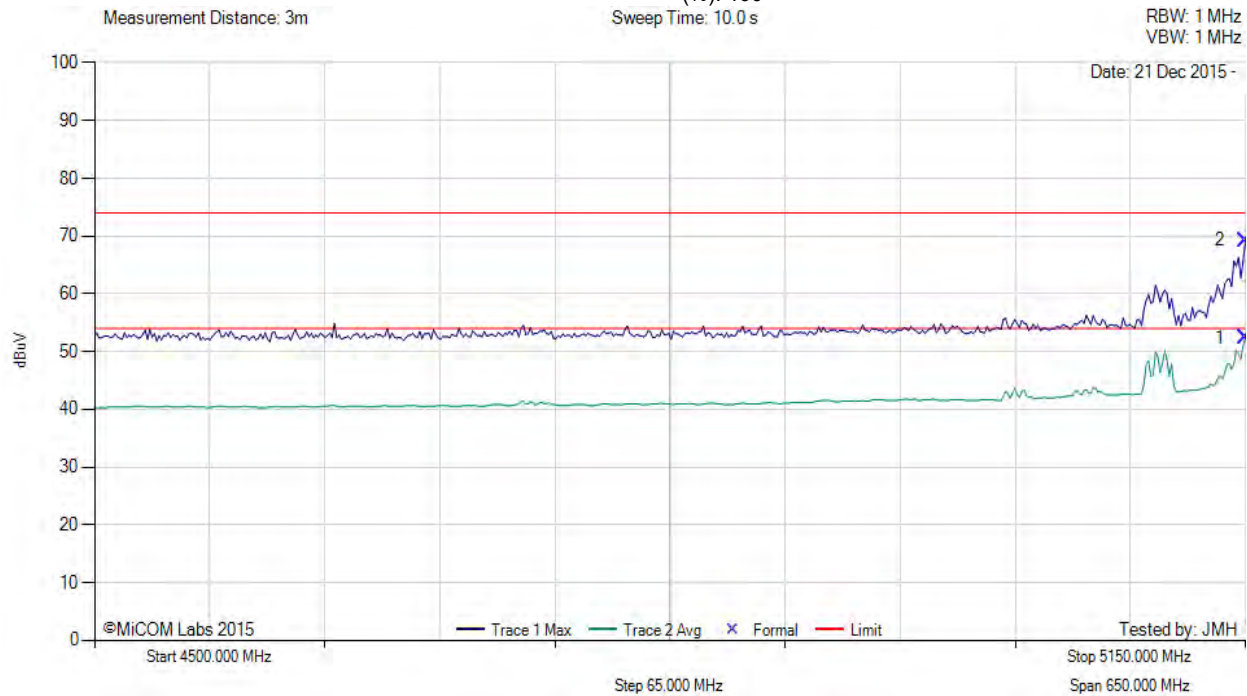
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.4.3 AP-ANT-16

RESTRICTED LOWER BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 19, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	14.62	3.67	34.11	52.40	Max Avg	Horizontal	143	18	54.0	-1.6	Pass
2	5150.00	31.46	3.67	34.11	69.24	Max Peak	Horizontal	143	18	74.0	-4.8	Pass

[back to matrix](#)

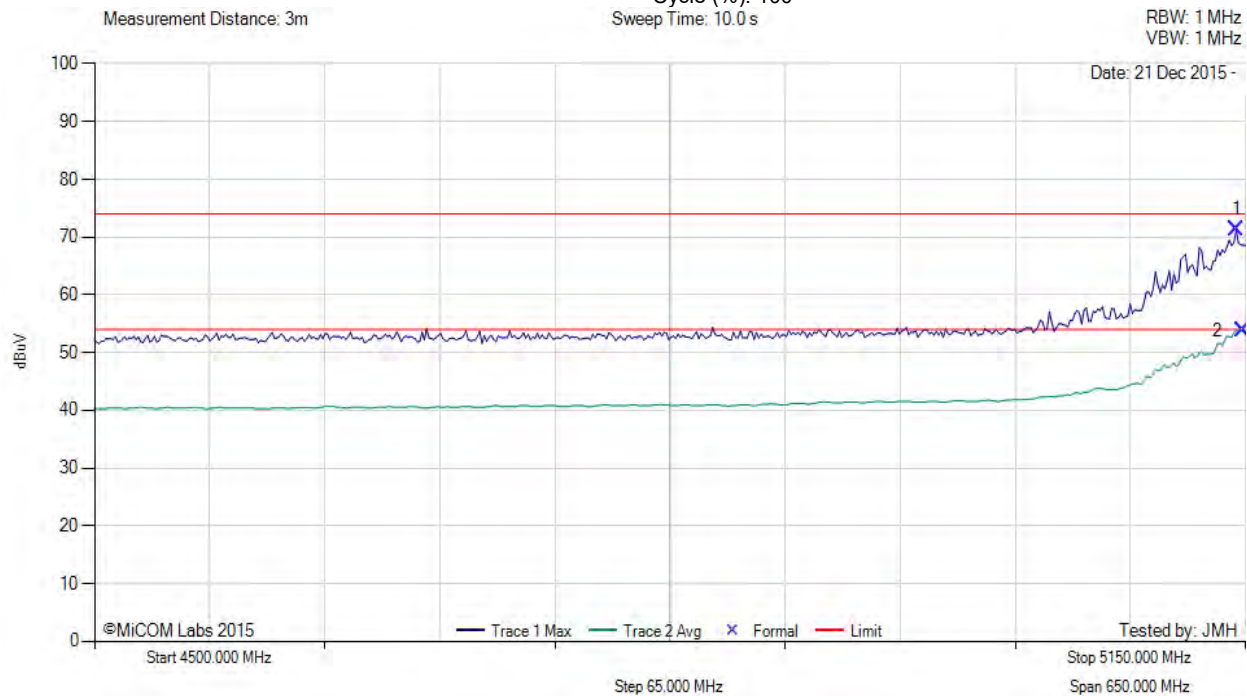


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 290 of 349

RESTRICTED LOWER BAND-EDGE EMISSIONS



Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 15.5, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5144.79	33.44	3.69	34.11	71.24	Max Peak	Horizontal	143	18	74.0	-2.8	Pass
2	5148.70	16.11	3.67	34.11	53.89	Max Avg	Horizontal	143	18	54.0	-0.1	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

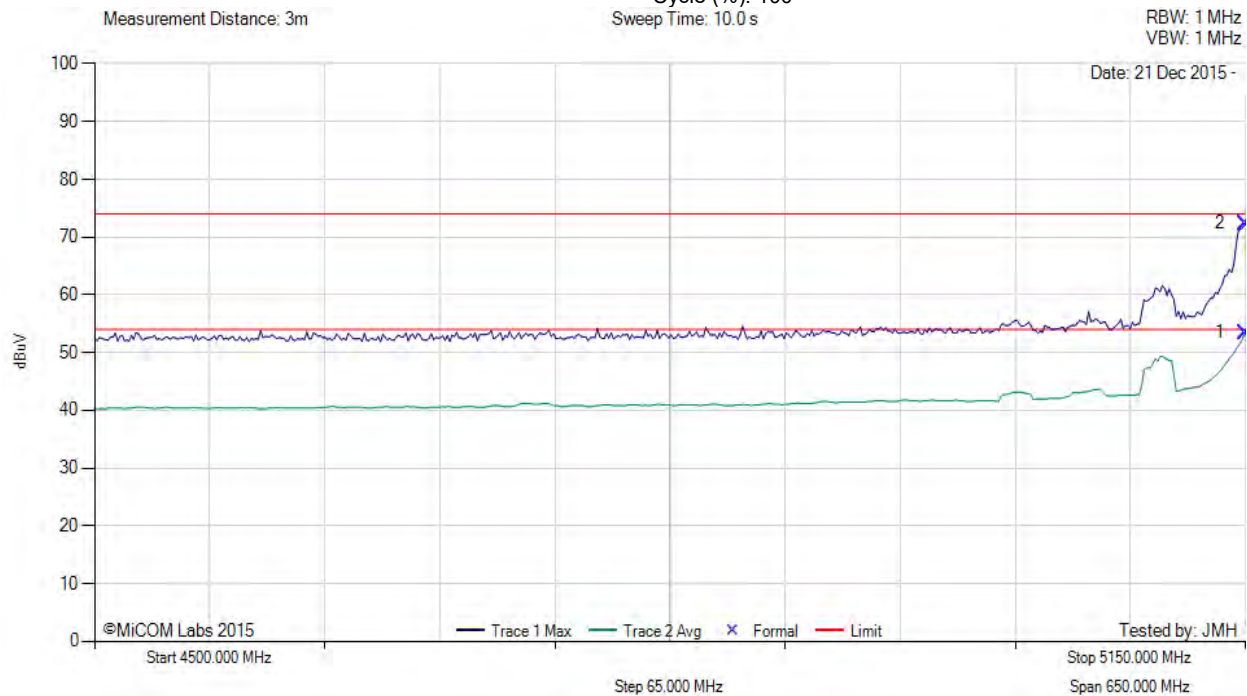


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 291 of 349



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 20, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	15.65	3.67	34.11	53.43	Max Avg	Horizontal	143	18	54.0	-0.6	Pass
2	5150.00	34.59	3.67	34.11	72.37	Max Peak	Horizontal	143	18	74.0	-1.6	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

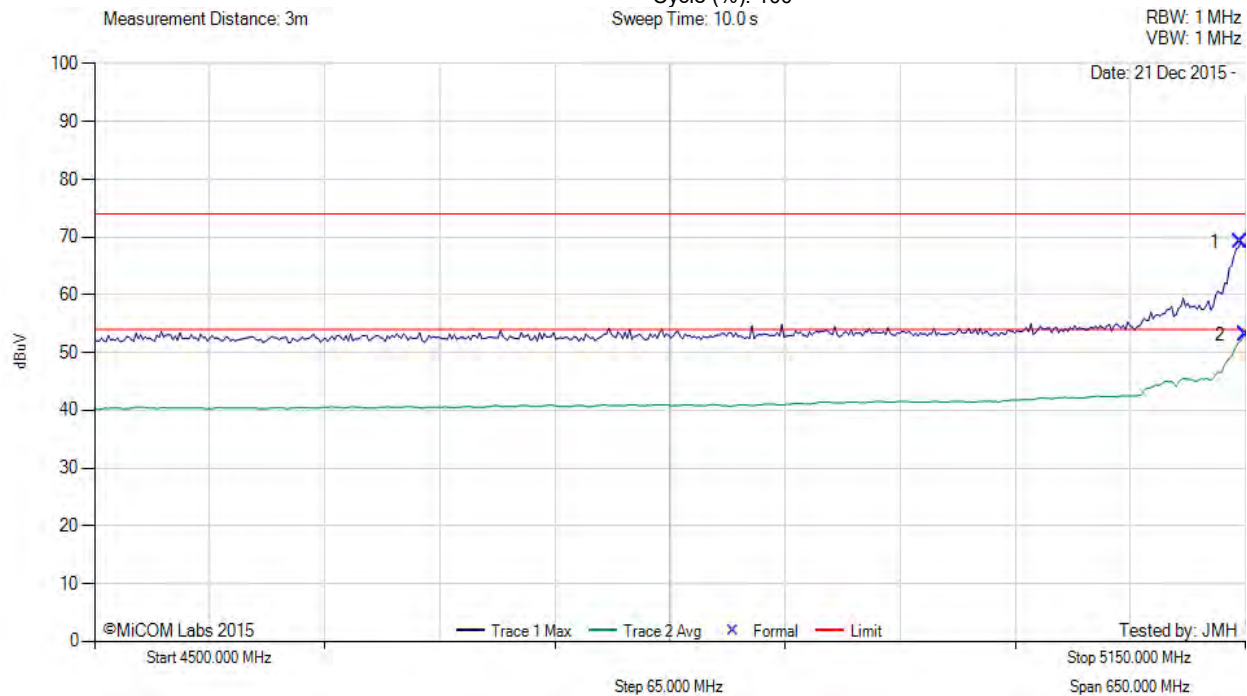


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 292 of 349

RESTRICTED LOWER BAND-EDGE EMISSIONS



Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 15.5, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5147.39	31.42	3.68	34.11	69.21	Max Peak	Horizontal	143	18	74.0	-4.8	Pass
2	5150.00	15.38	3.67	34.11	53.16	Max Avg	Horizontal	143	18	54.0	-0.8	Pass

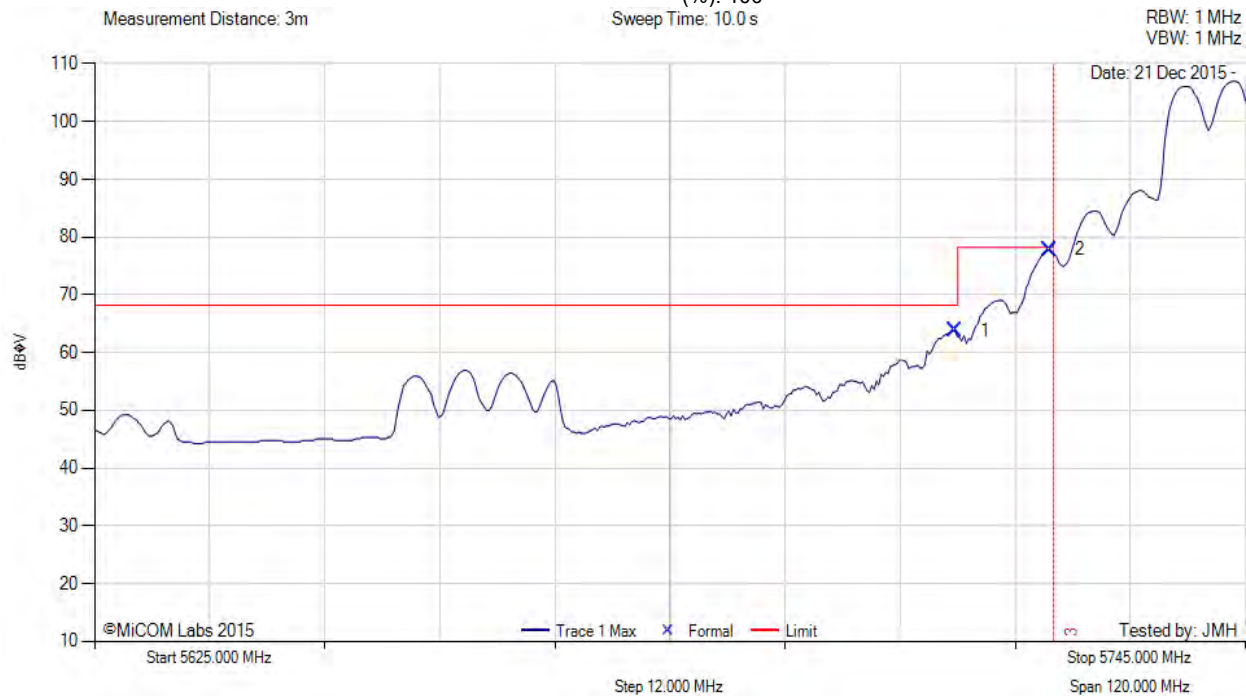
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



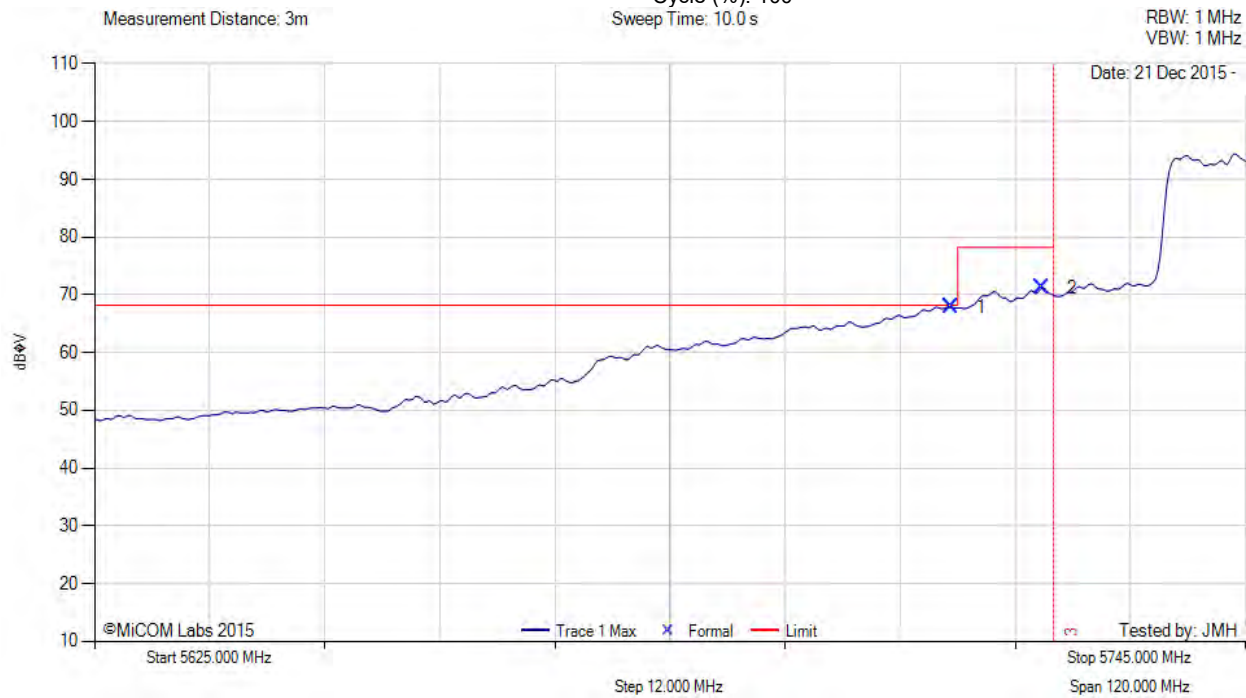
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5714.70	25.62	3.81	34.34	63.77	Marker	Horizontal	197	302	68.2	-4.5	Pass
2	5724.56	39.65	3.79	34.35	77.79	Marker	Horizontal	197	302	78.2	-0.4	Pass
3	5725.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	

[back to matrix](#)

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 18, Duty Cycle (%): 100



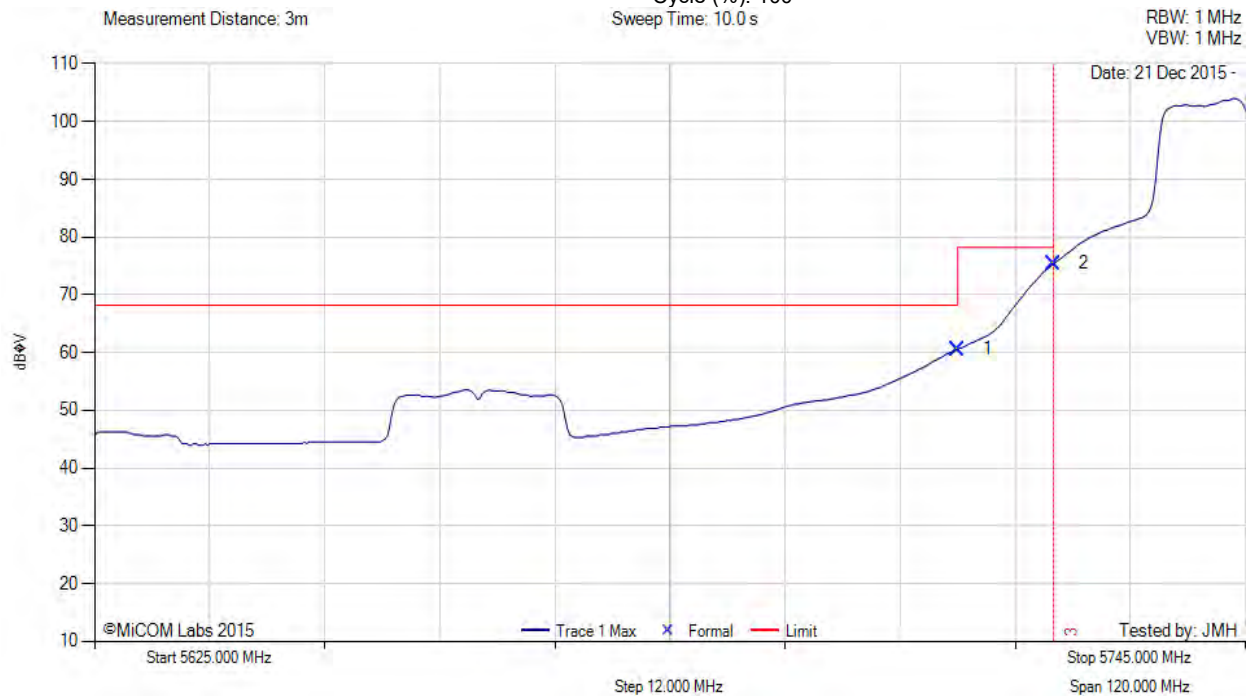
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5714.28	29.70	3.82	34.34	67.86	Marker	Horizontal	197	302	68.2	-0.4	Pass
2	5723.80	33.15	3.79	34.35	71.29	Marker	Horizontal	197	302	78.2	-6.9	Pass
3	5725.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	

[back to matrix](#)

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 20, Duty Cycle (%): 100



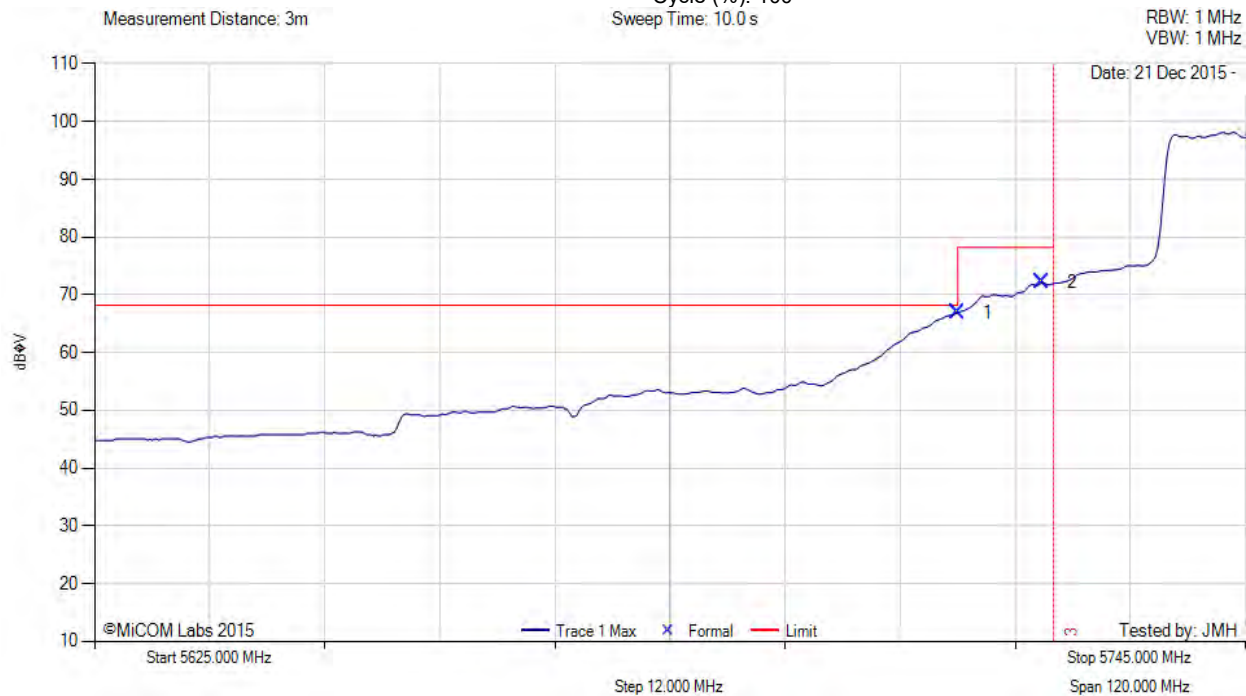
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	22.39	3.81	34.34	60.54	Marker	Horizontal	197	302	68.2	-7.7	Pass
2	5725.00	37.32	3.79	34.35	75.46	Marker	Horizontal	197	302	78.2	-2.8	Pass
3	5725.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	

[back to matrix](#)

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 18, Duty Cycle (%): 100



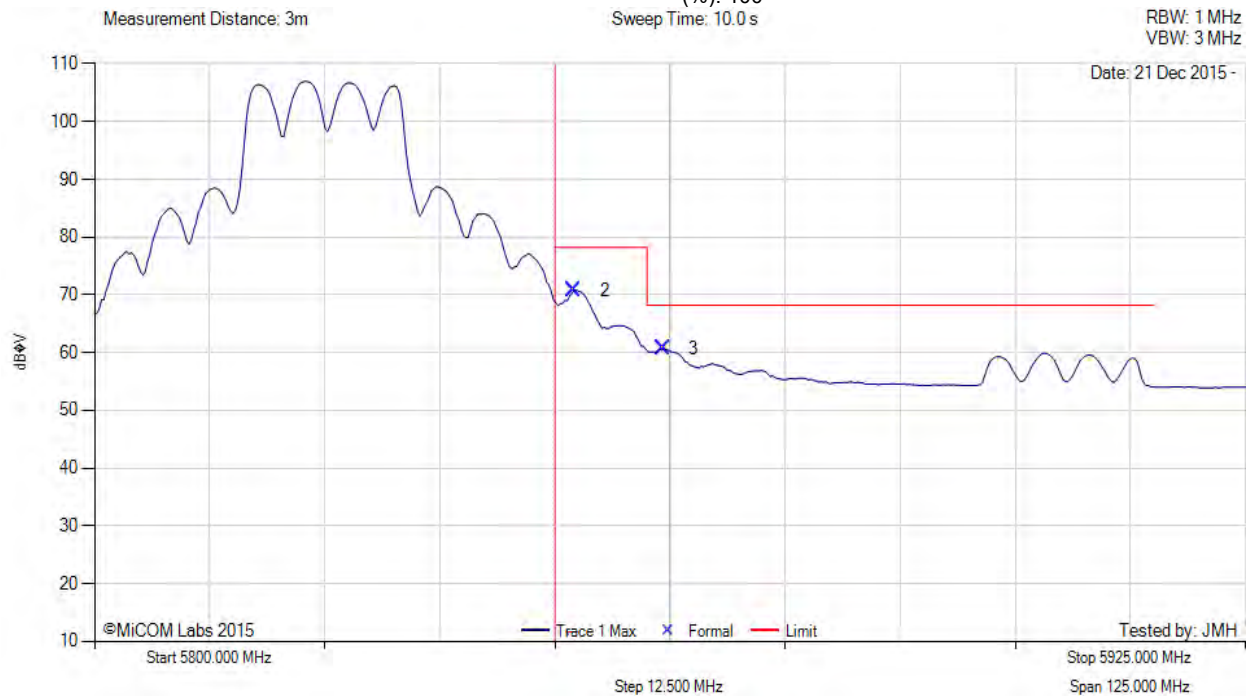
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	28.73	3.81	34.34	66.88	Marker	Horizontal	197	302	68.2	-1.4	Pass
2	5723.80	33.99	3.79	34.35	72.13	Marker	Horizontal	197	302	78.2	-6.1	Pass
3	5725.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	

[back to matrix](#)

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



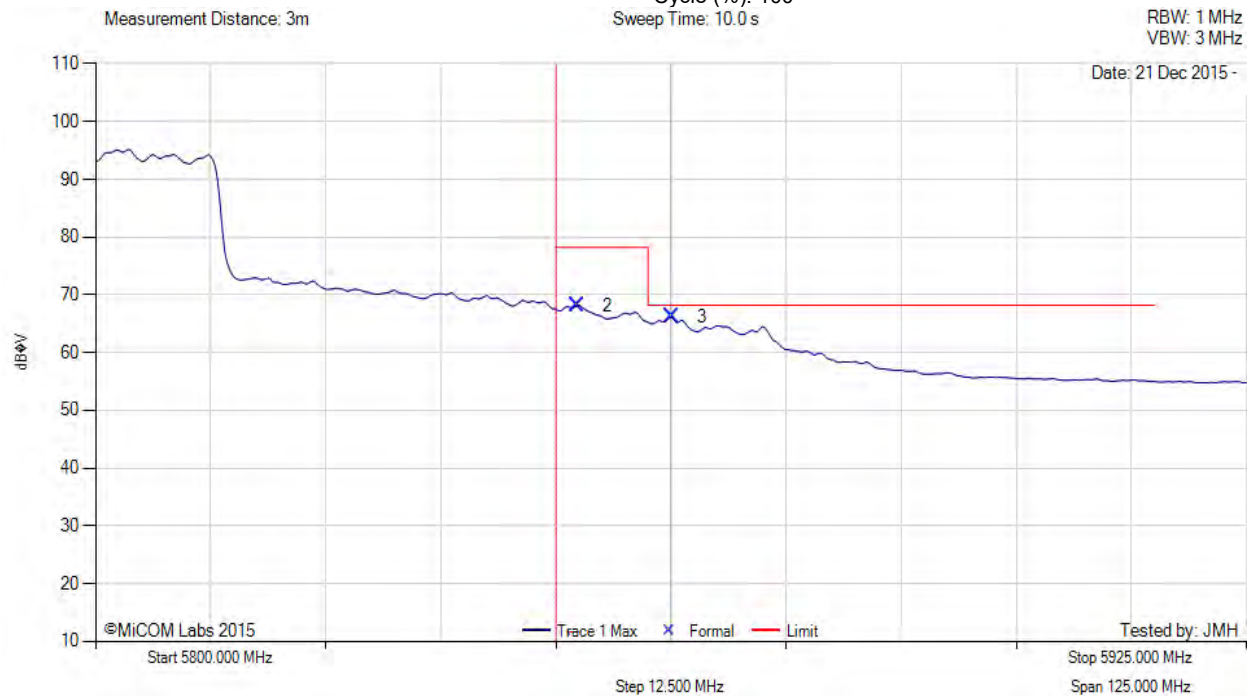
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	
2	5852.10	32.35	3.82	34.63	70.80	Marker	Horizontal	184	53	78.2	-7.4	Pass
3	5861.75	22.23	3.85	34.66	60.74	Marker	Horizontal	184	53	68.2	-7.5	Pass

[back to matrix](#)

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 18, Duty Cycle (%): 100



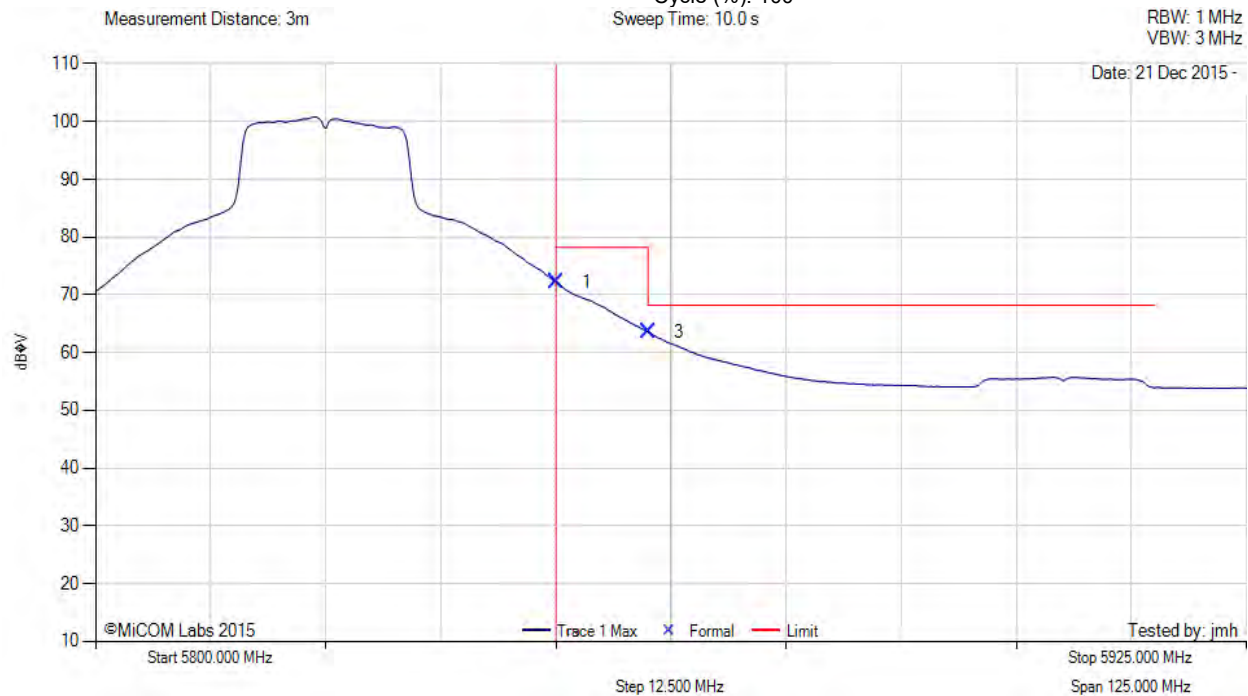
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	
2	5852.35	29.74	3.82	34.63	68.19	Marker	Horizontal	184	53	78.2	-10.0	Pass
3	5862.63	27.63	3.85	34.66	66.14	Marker	Horizontal	184	53	68.2	-2.1	Pass

[back to matrix](#)



5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	33.75	3.81	34.63	72.19	Marker	Horizontal	132	40	78.2	-6.0	Pass
2	5850.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	
3	5860.00	25.01	3.86	34.65	63.52	Marker	Horizontal	132	40	68.2	-4.7	Pass

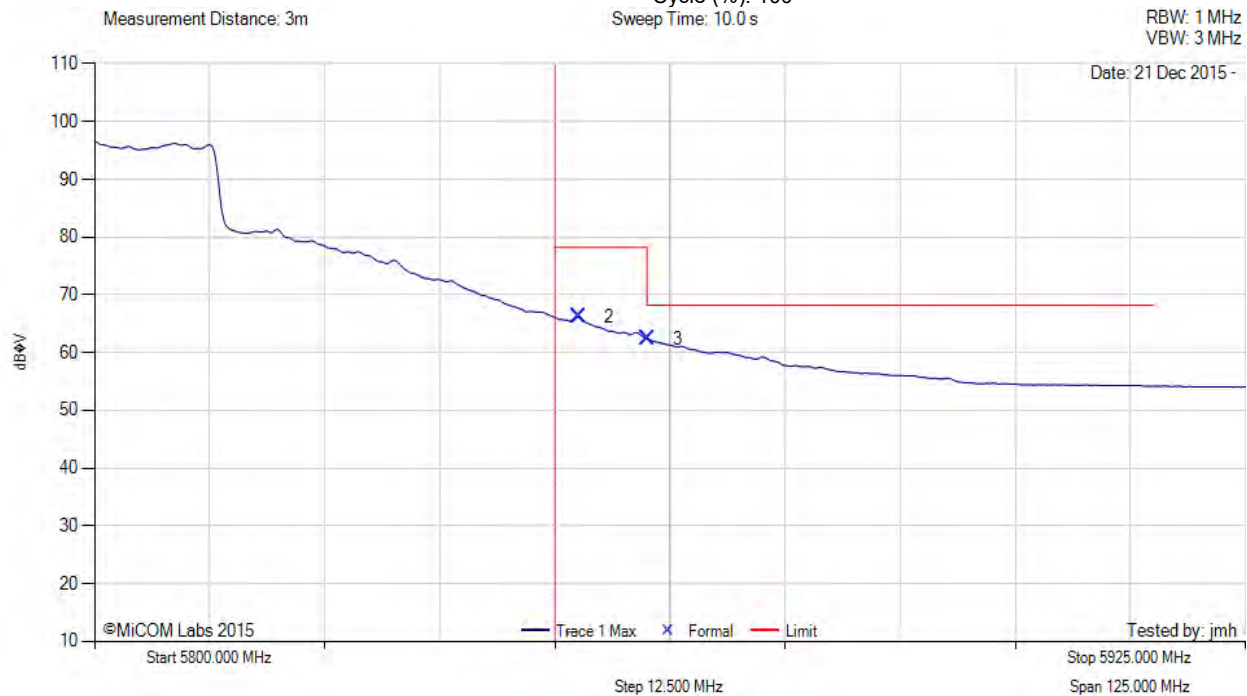
Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-16, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	0.00	0.00	0.00	--	Frequency Line 1		0	0	--	--	
2	5852.61	27.80	3.82	34.63	66.25	Marker	Horizontal	132	40	78.2	-12.0	Pass
3	5860.00	23.87	3.86	34.65	62.38	Marker	Horizontal	132	40	68.2	-5.9	Pass

Test Notes: EUT on 150cm table. Powered by PDSine 9001GR POE

[back to matrix](#)



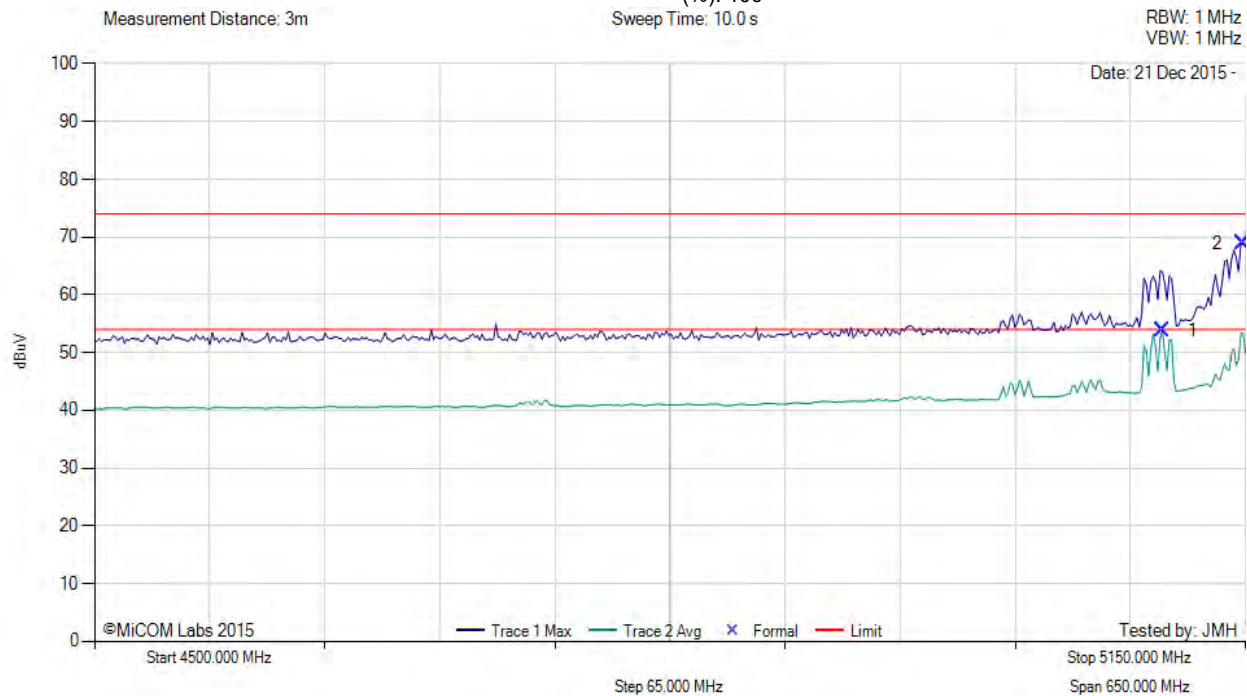
Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 301 of 349

A.4.4 AP-ANT-18

RESTRICTED LOWER BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 17.25, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5103.11	16.10	3.58	34.13	53.81	Max Avg	Horizontal	160	335	54.0	-0.2	Pass
2	5148.70	31.11	3.67	34.11	68.89	Max Peak	Horizontal	160	335	74.0	-5.1	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

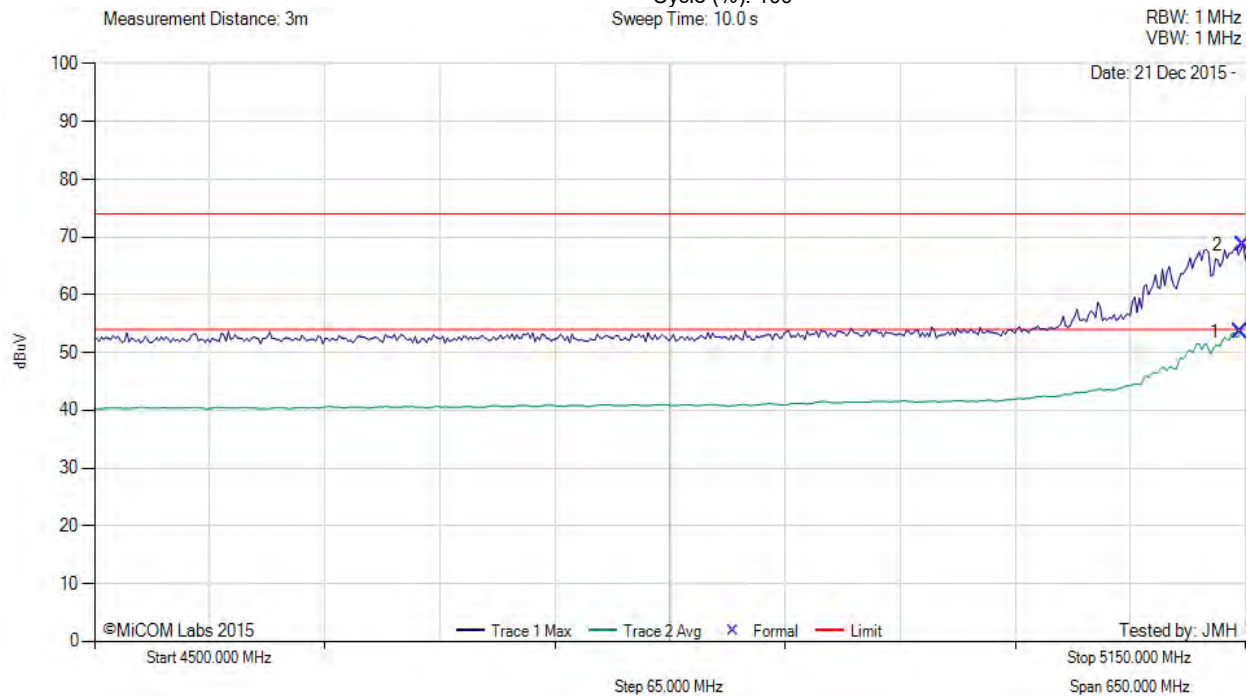


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 302 of 349



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11ac-80, Test Freq: 5210.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 13, Duty Cycle (%): 100
Sweep Time: 10.0 s



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5147.39	15.73	3.68	34.11	53.52	Max Avg	Horizontal	160	335	54.0	-0.5	Pass
2	5148.70	30.89	3.67	34.11	68.67	Max Peak	Horizontal	160	335	74.0	-5.3	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

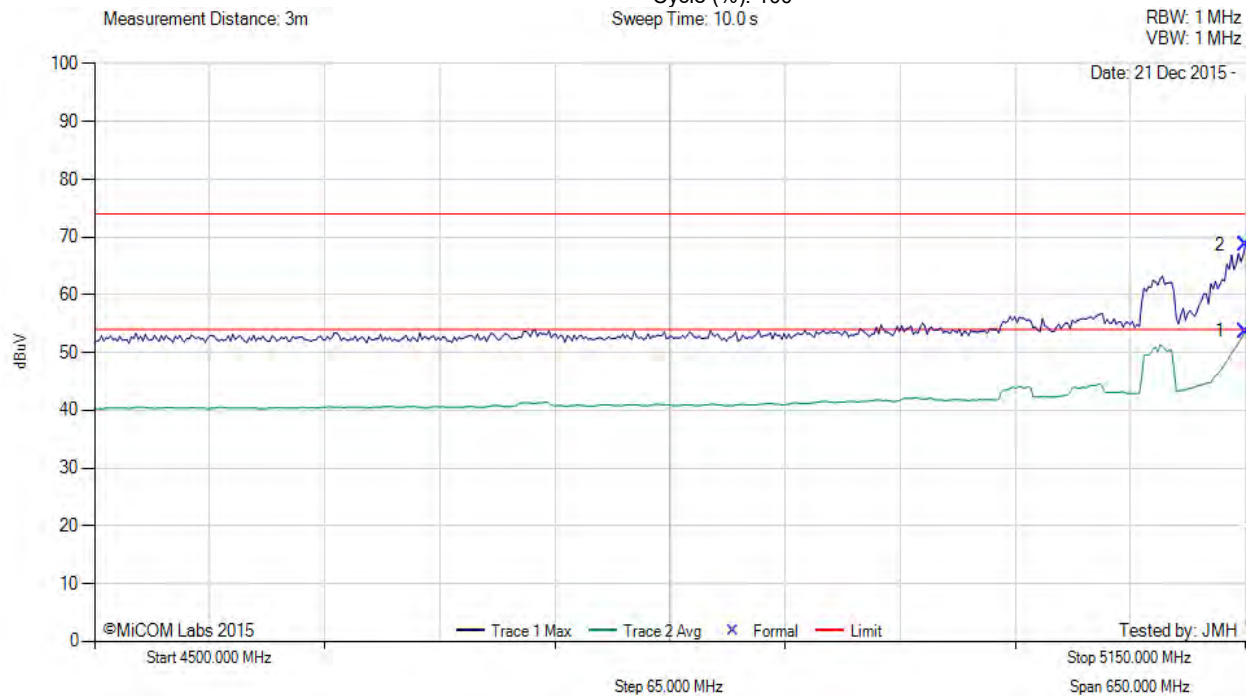


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 303 of 349



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 17.25, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	15.88	3.67	34.11	53.66	Max Avg	Horizontal	160	335	54.0	-0.3	Pass
2	5150.00	30.90	3.67	34.11	68.68	Max Peak	Horizontal	160	335	74.0	-5.3	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

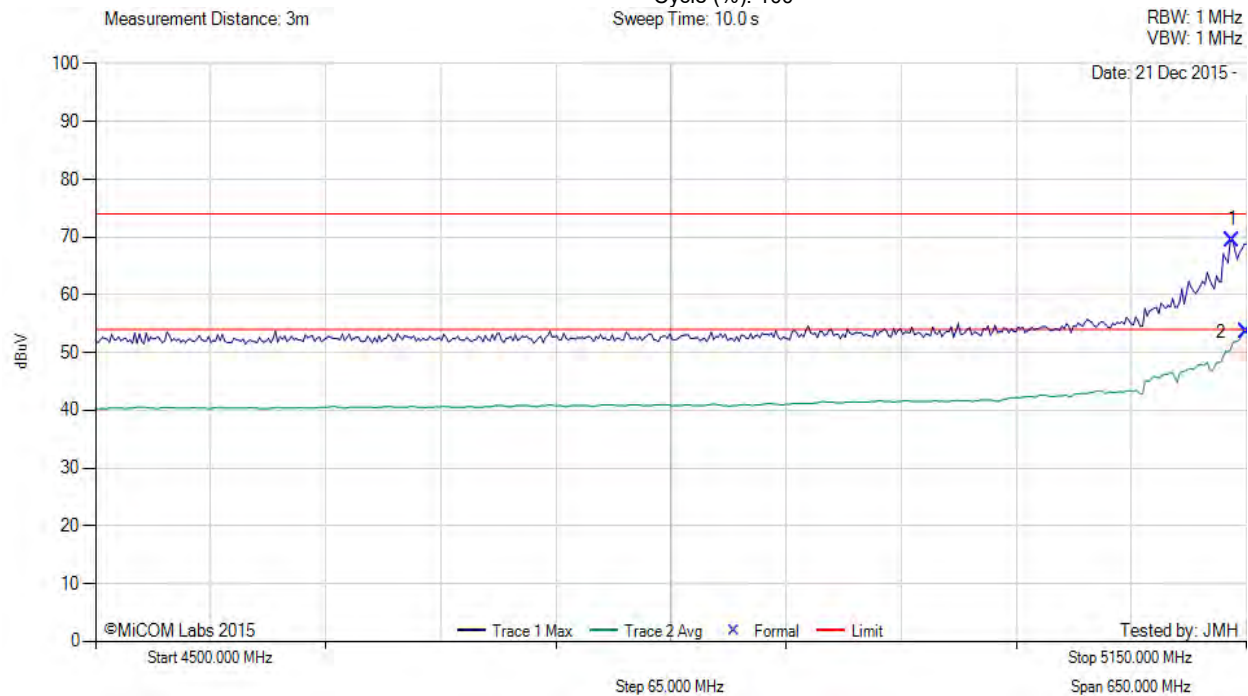


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 304 of 349



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 14, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5142.18	31.68	3.70	34.12	69.50	Max Peak	Horizontal	160	335	74.0	-4.5	Pass
2	5150.00	15.83	3.67	34.11	53.61	Max Avg	Horizontal	160	335	54.0	-0.4	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

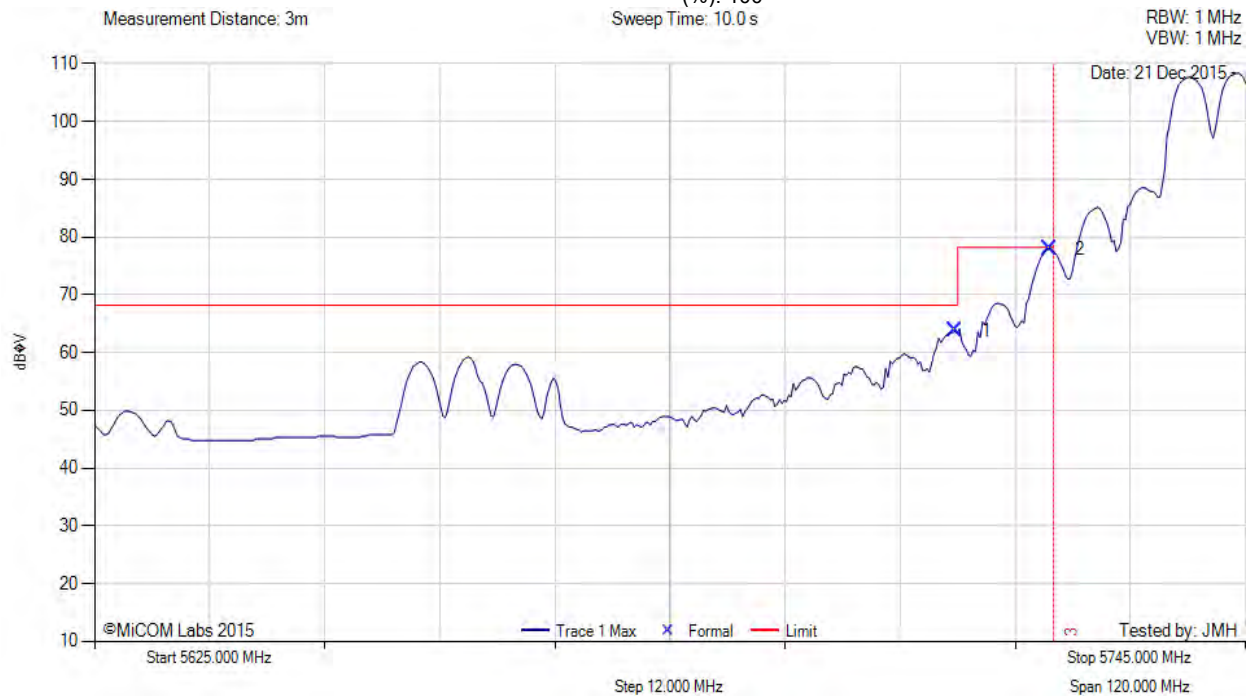


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 305 of 349

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 20, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5714.76	25.62	3.81	34.34	63.77	Marker	Horizontal	148	-6	68.2	-4.5	Pass
2	5724.52	39.84	3.79	34.35	77.98	Marker	Horizontal	148	-6	78.2	-0.3	Pass

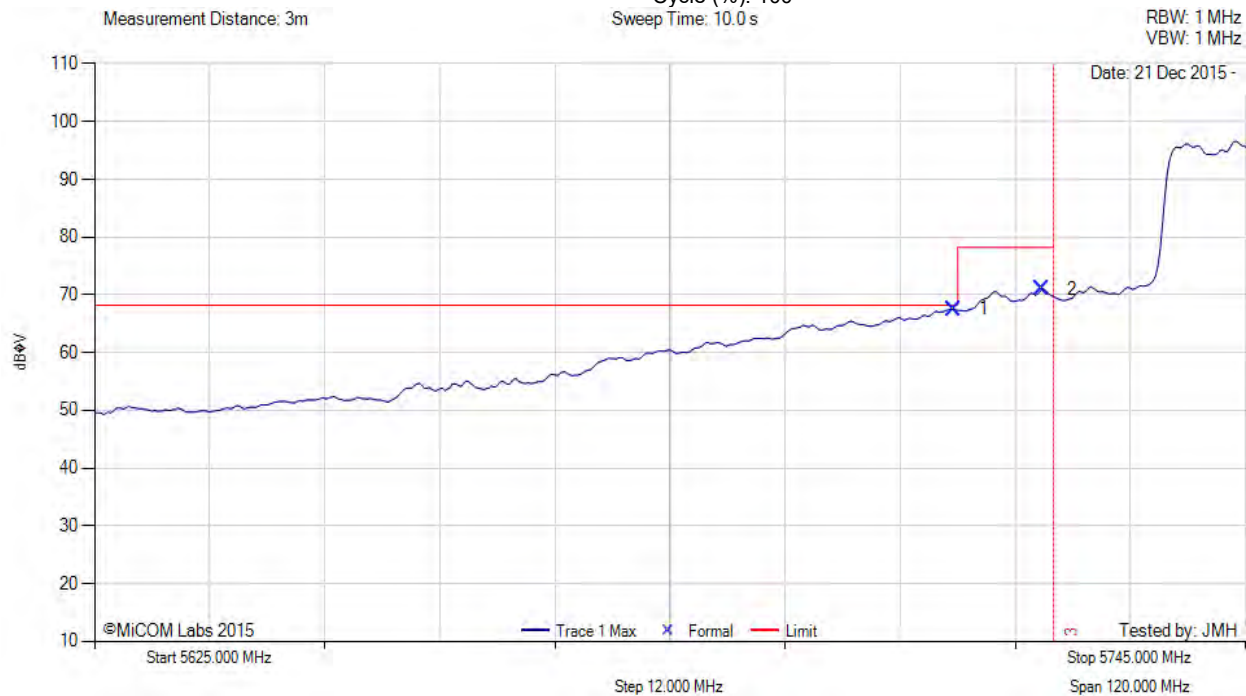
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 17.25, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5714.52	29.35	3.81	34.34	67.50	Marker	Horizontal	148	-6	68.2	-0.7	Pass
2	5723.80	32.92	3.79	34.35	71.06	Marker	Horizontal	148	-6	78.2	-7.2	Pass

[back to matrix](#)

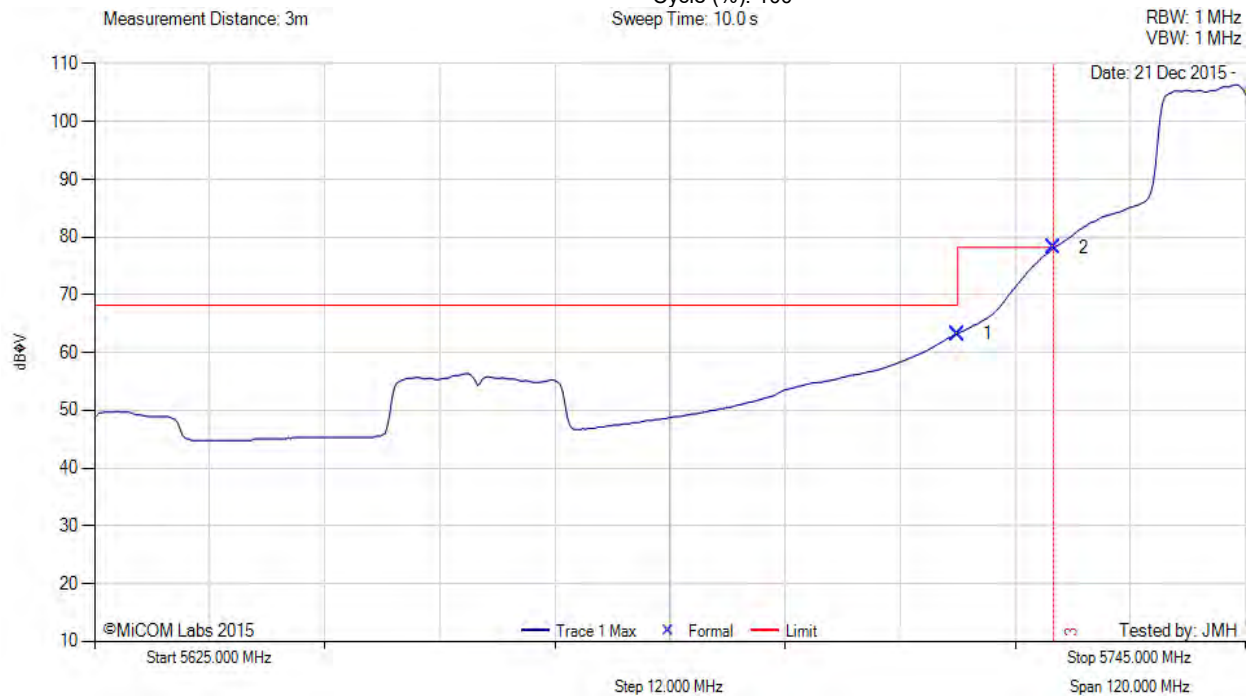


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 307 of 349



5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 20, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	25.10	3.81	34.34	63.25	Marker	Horizontal	148	-6	68.2	-5.0	Pass
2	5725.00	40.01	3.79	34.35	78.15	Marker	Horizontal	148	-6	78.2	-0.1	Pass

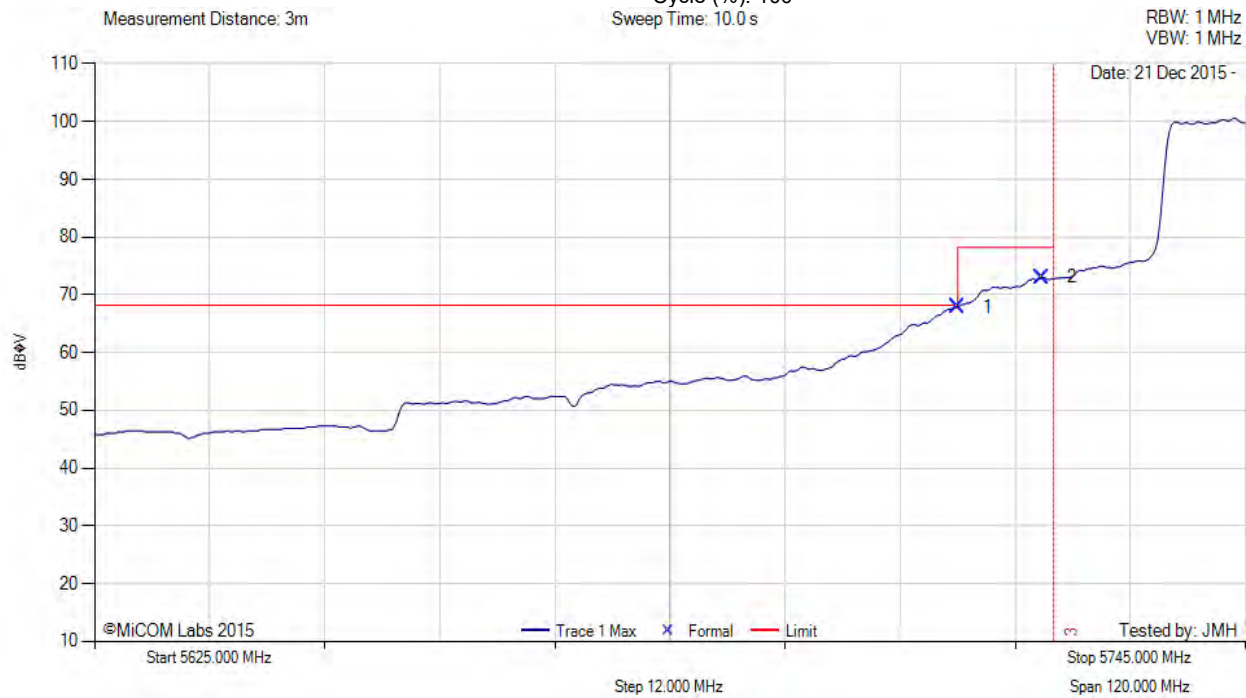
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

5725 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 17.5, Duty Cycle (%): 100



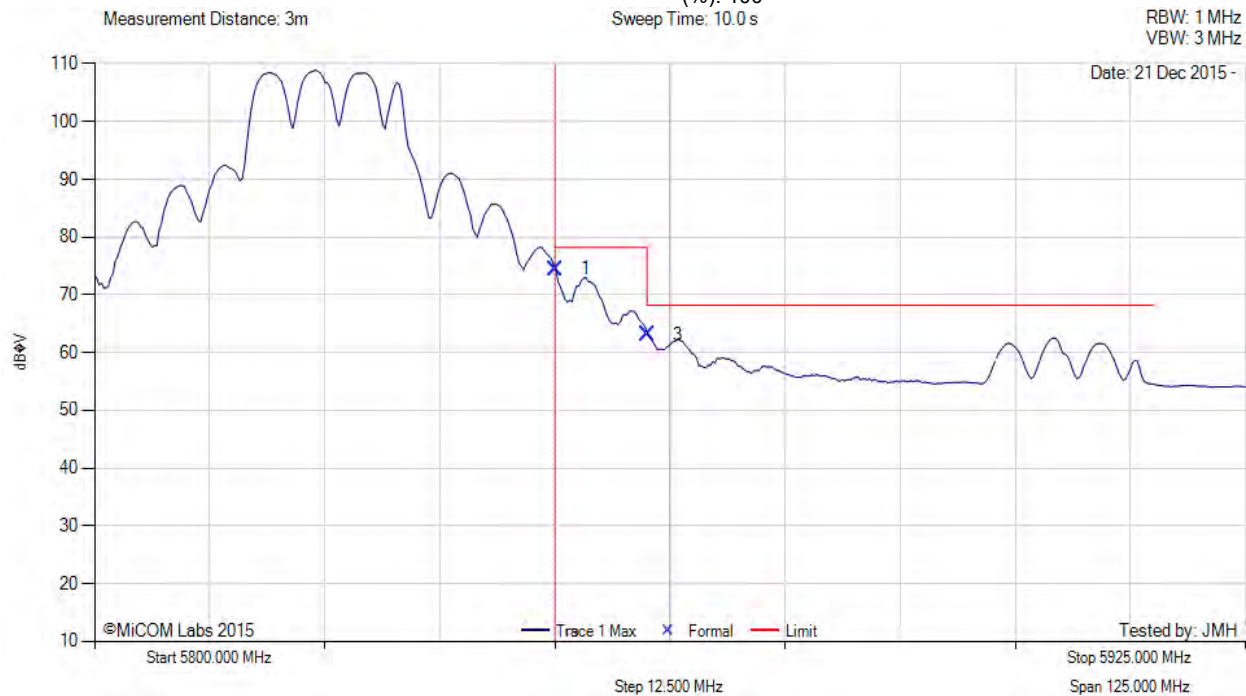
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	29.73	3.81	34.34	67.88	Marker	Horizontal	148	-6	68.2	-0.4	Pass
2	5723.80	34.89	3.79	34.35	73.03	Marker	Horizontal	148	-6	78.2	-5.2	Pass

[back to matrix](#)

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



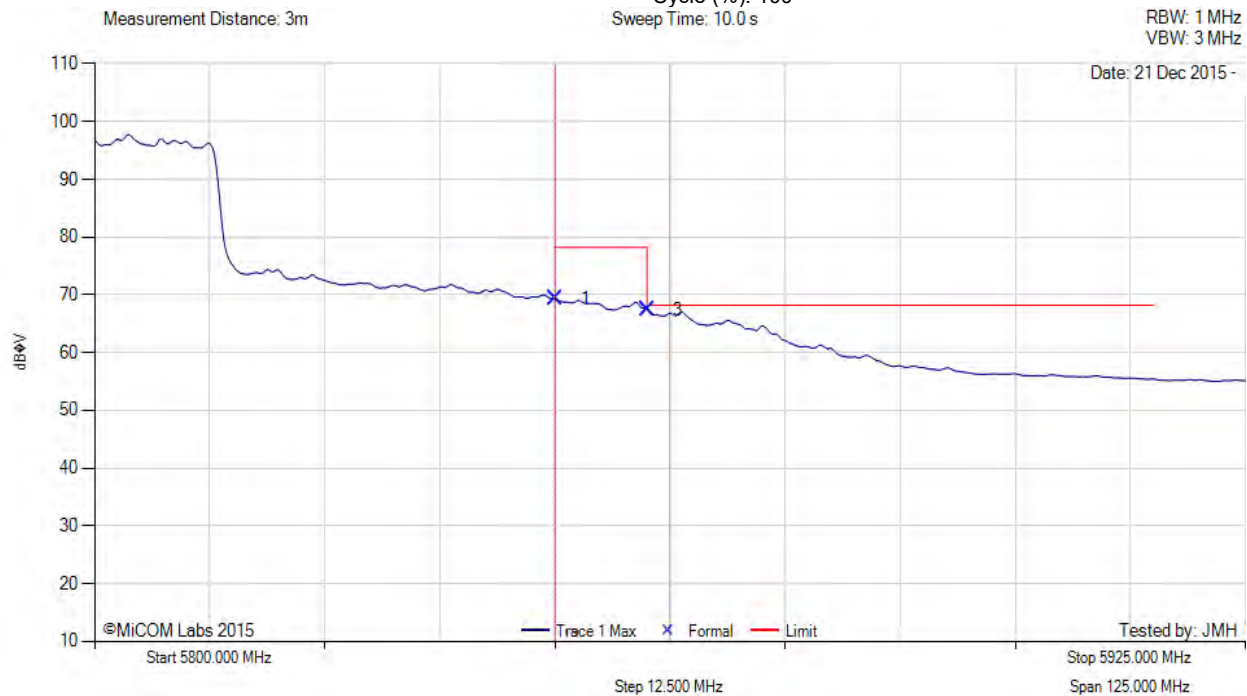
Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	36.06	3.81	34.63	74.50	Marker	Horizontal	148	355	78.2	-3.7	Pass
3	5860.00	24.65	3.86	34.65	63.16	Marker	Horizontal	148	355	68.2	-5.1	Pass

[back to matrix](#)

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11ac-80, Test Freq: 5775.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 17.25, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	30.87	3.81	34.63	69.31	Marker	Horizontal	148	355	78.2	-8.9	Pass
3	5860.00	28.97	3.86	34.65	67.48	Marker	Horizontal	148	355	8.2	-0.8	Pass

[back to matrix](#)

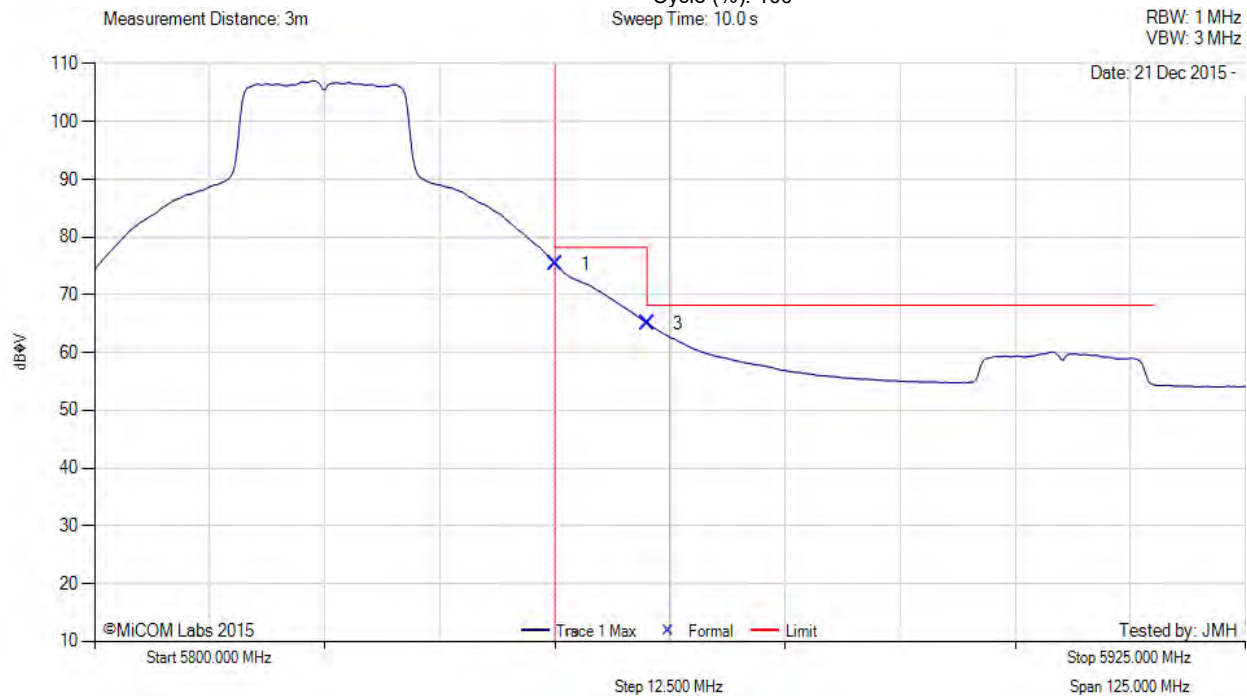


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 311 of 349



5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	36.90	3.81	34.63	75.34	Marker	Horizontal	148	355	78.2	-2.9	Pass
3	5860.00	26.49	3.86	34.65	65.00	Marker	Horizontal	148	355	68.2	-3.2	Pass

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

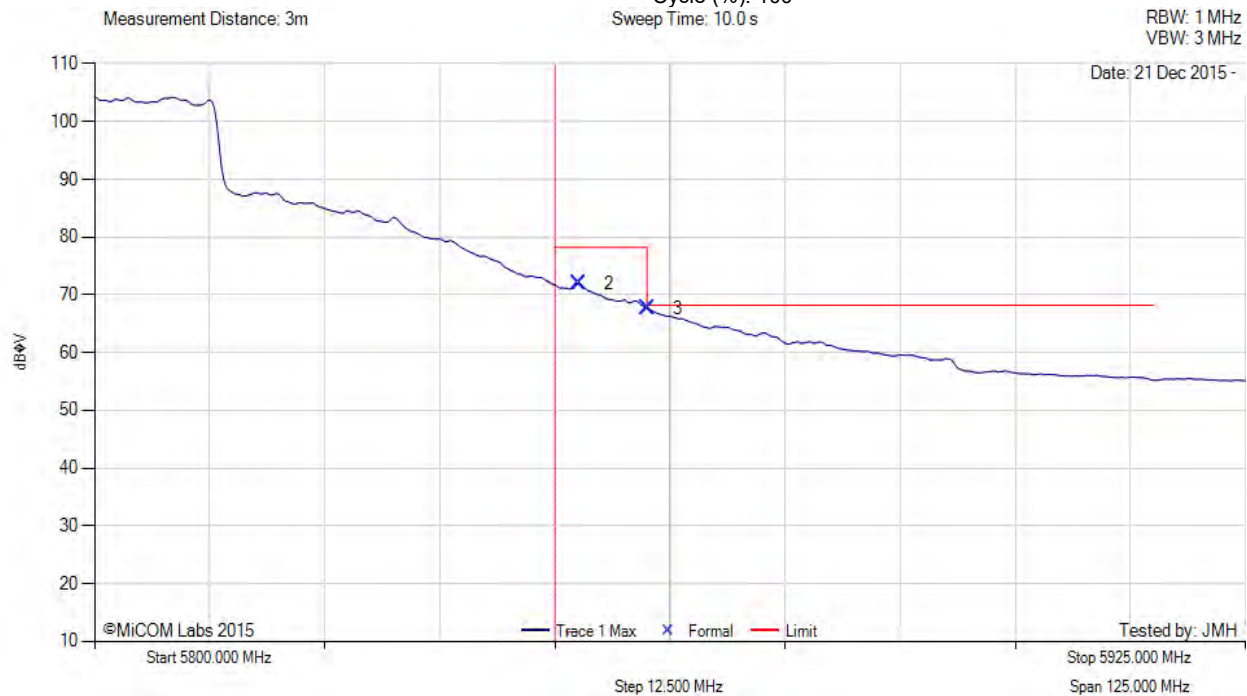


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 312 of 349

5850 MHz RADIATED BAND-EDGE EMISSIONS



Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Aruba Networks AP-ANT-18, Power Setting: 21, Duty Cycle (%): 100



Num	Frequency MHz	Raw dBμV	Cable Loss	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
2	5852.61	33.55	3.82	34.63	72.00	Marker	Horizontal	148	355	78.2	-6.2	Pass
3	5860.00	29.11	3.86	34.65	67.62	Marker	Horizontal	148	355	68.2	-0.6	Pass

[back to matrix](#)

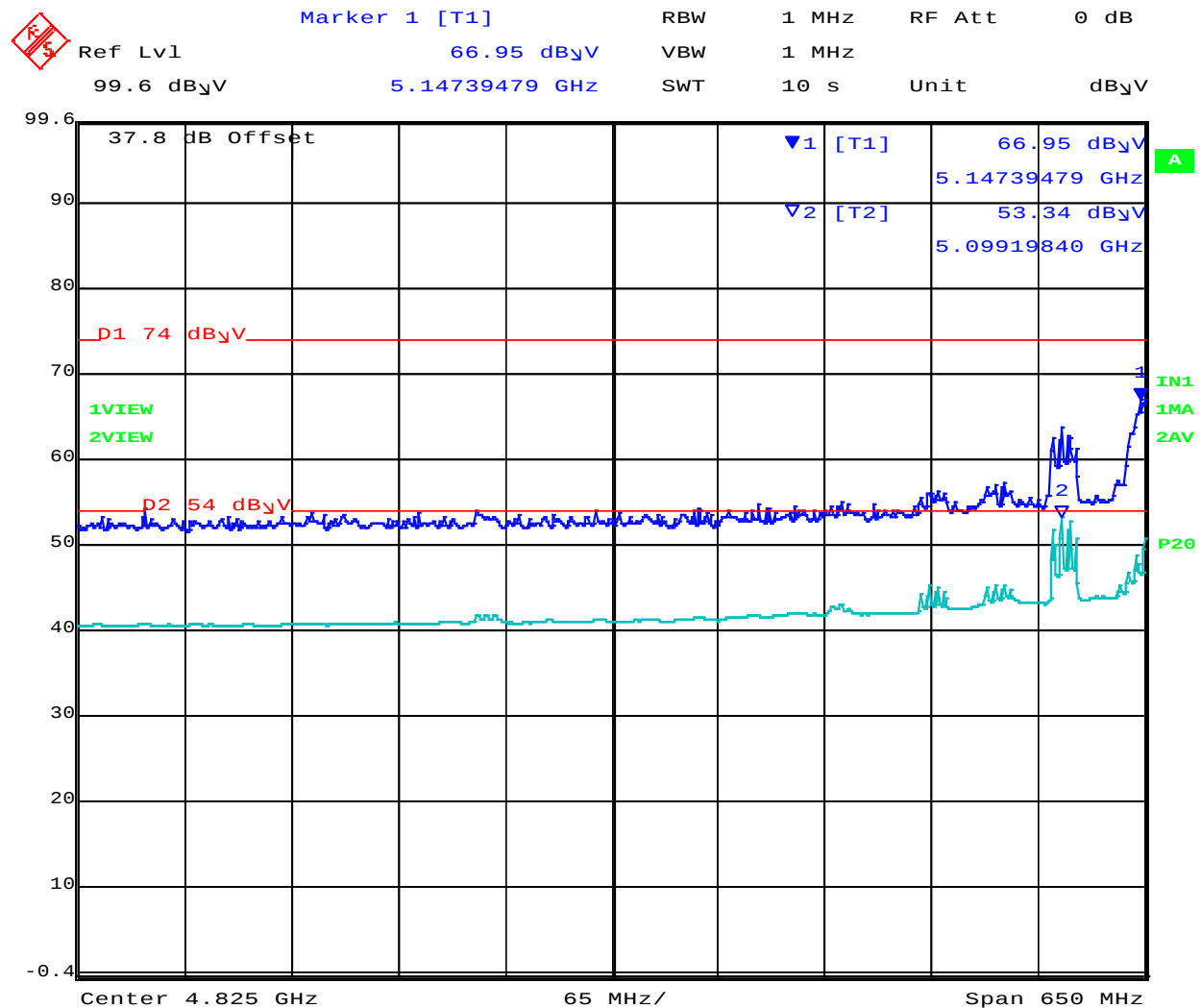
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



A.4.5 AP-ANT-19

Restricted Band-Edge 5150 MHz

802.11a



Date: 16.DEC.2015 09:49:40

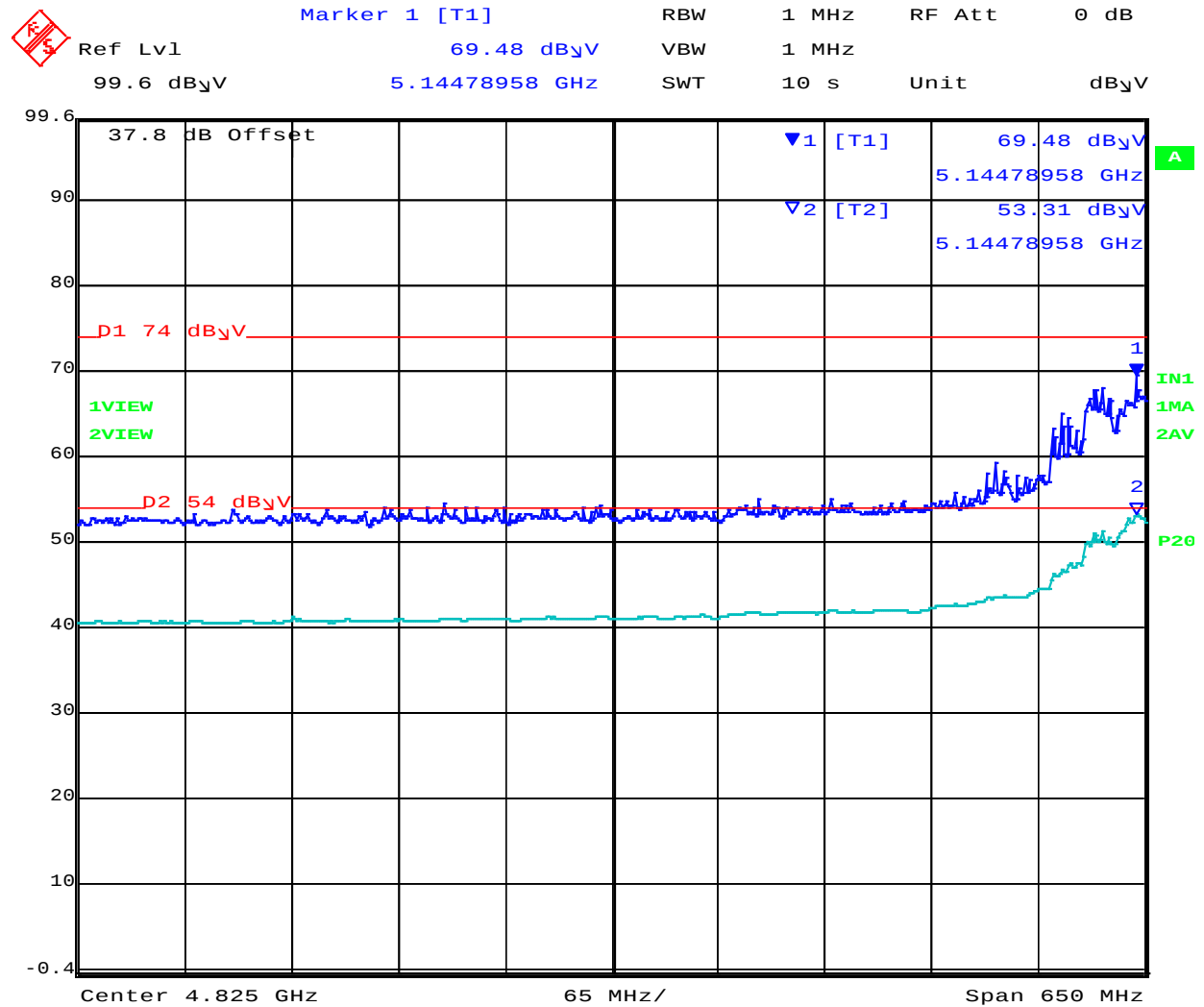
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 314 of 349

Restricted Band-Edge 5150 MHz

802.11ac-80



Date: 16.DEC.2015 09:57:12

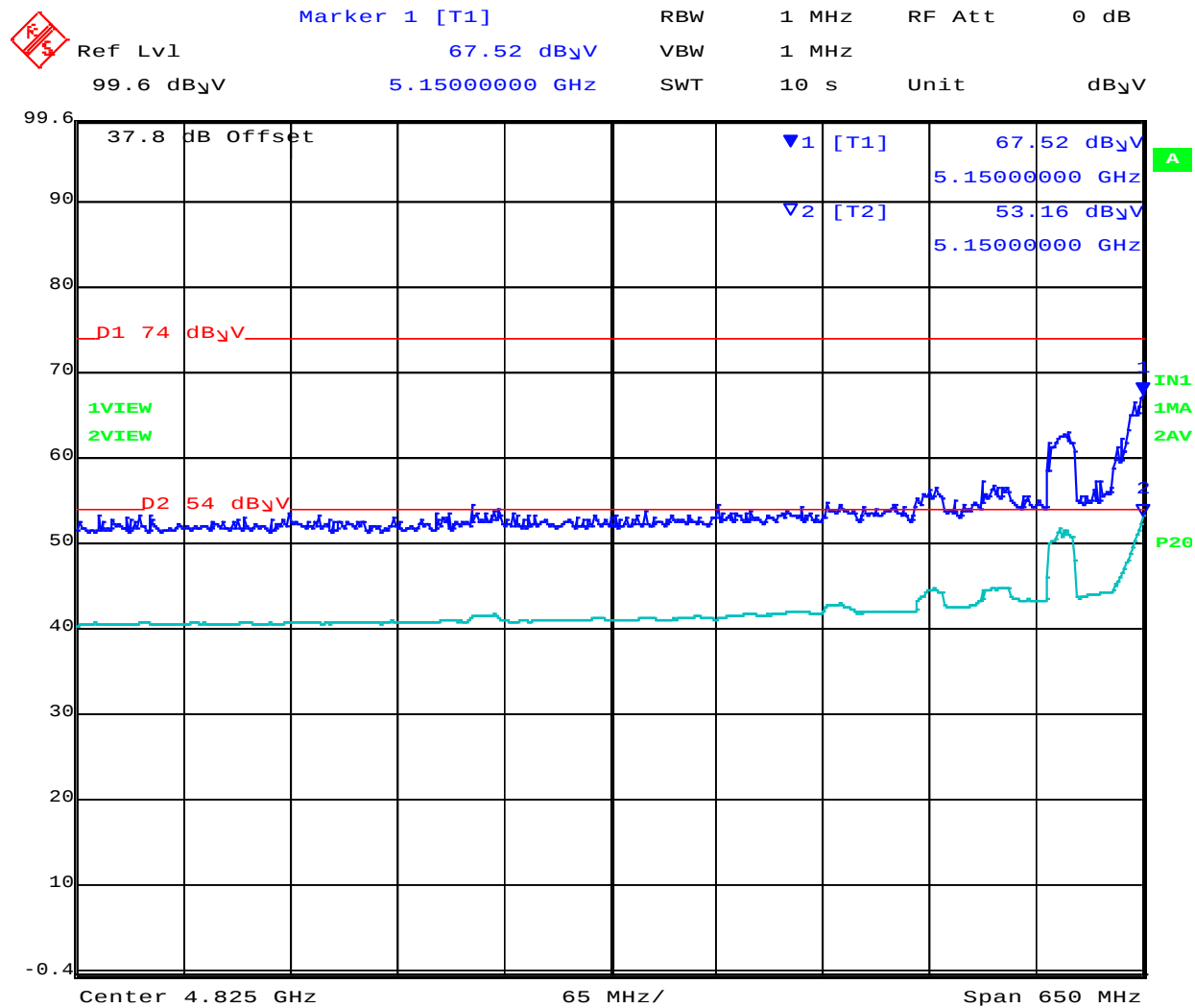
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 315 of 349

Restricted Band-Edge 5150 MHz

802.11HT-20



Date: 16.DEC.2015 09:52:10

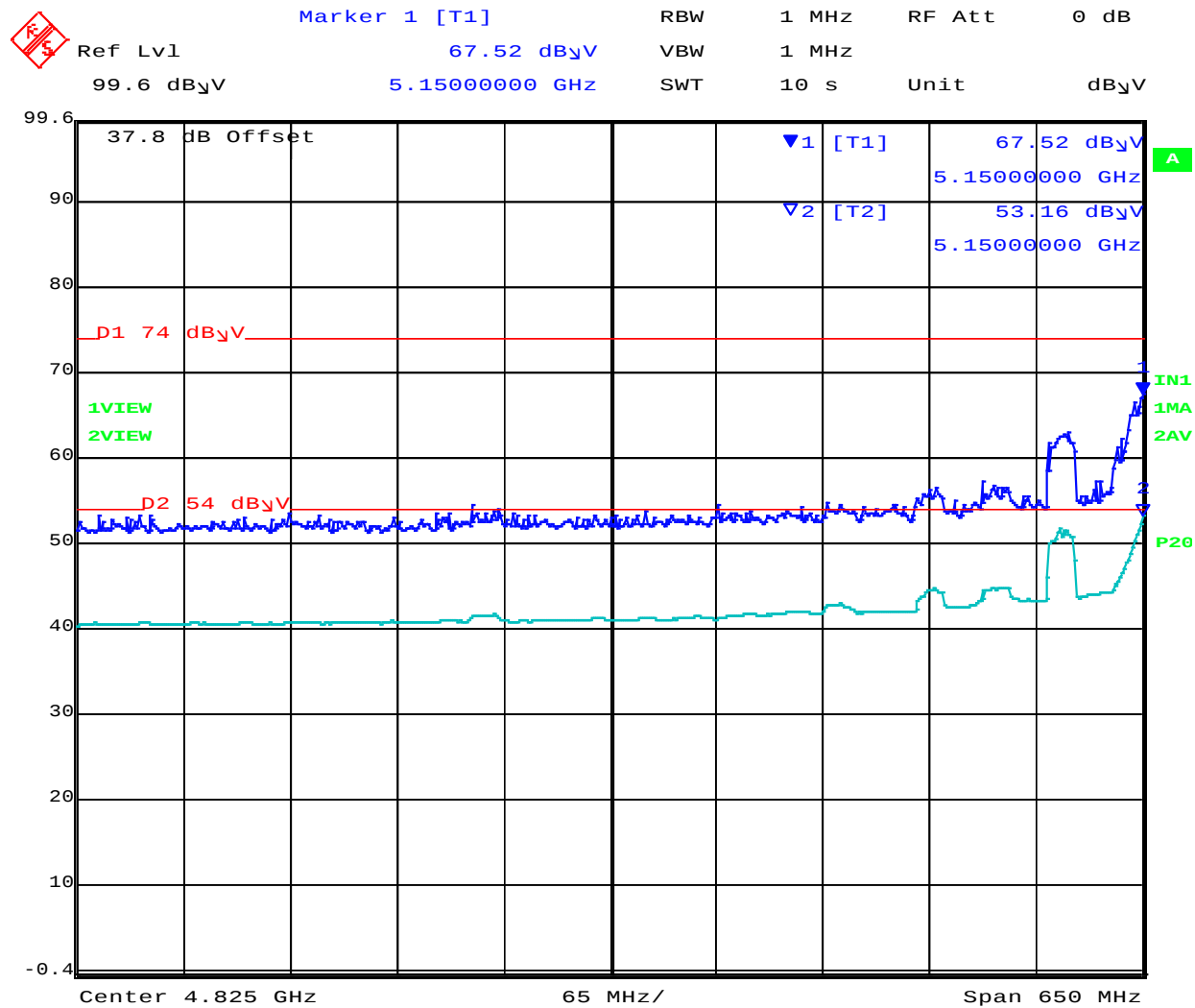
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 316 of 349

Restricted Band-Edge 5150 MHz

802.11HT-40



Date: 16.DEC.2015 09:52:10

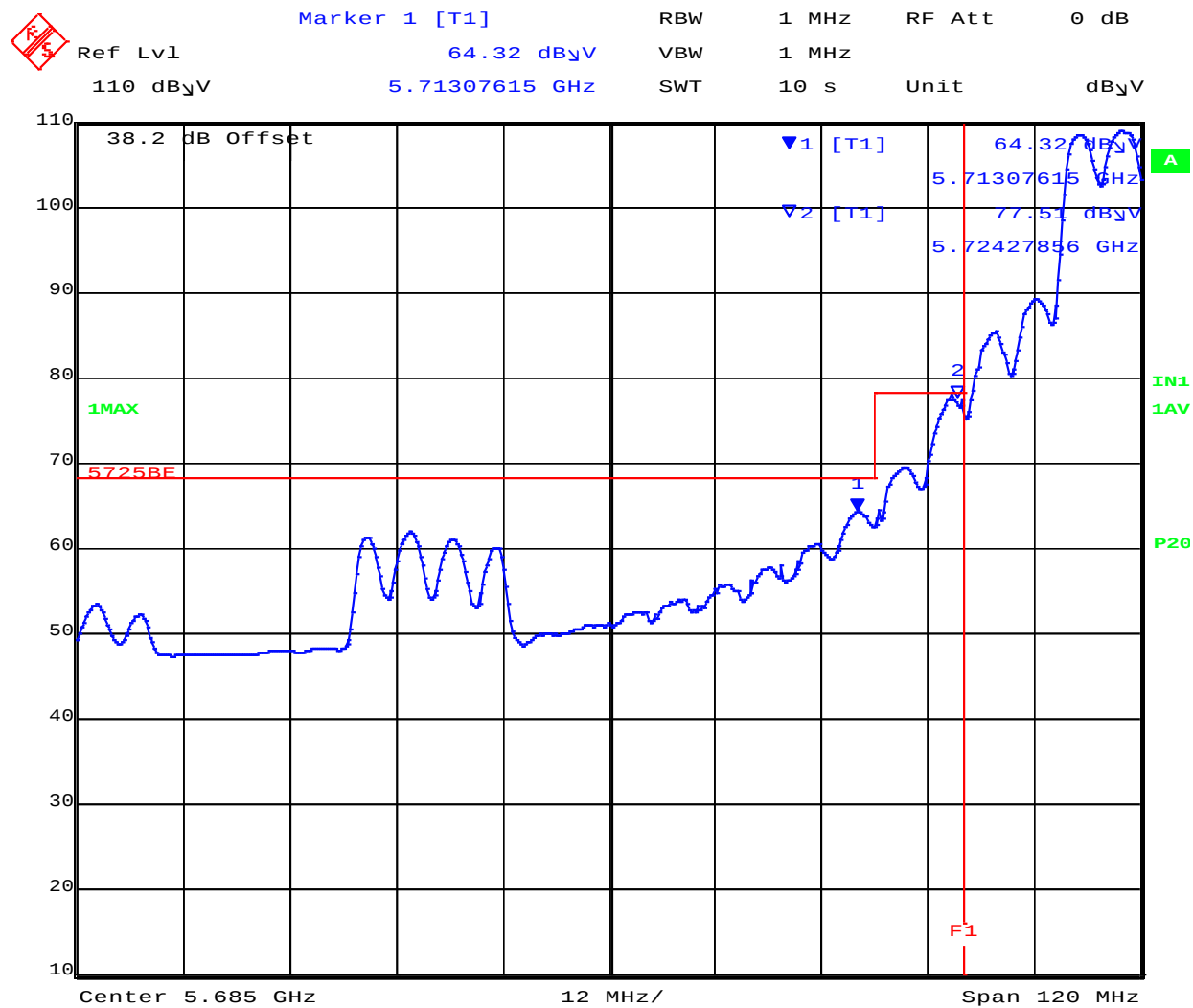
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 317 of 349

Restricted Band-Edge 5725 MHz

802.11a



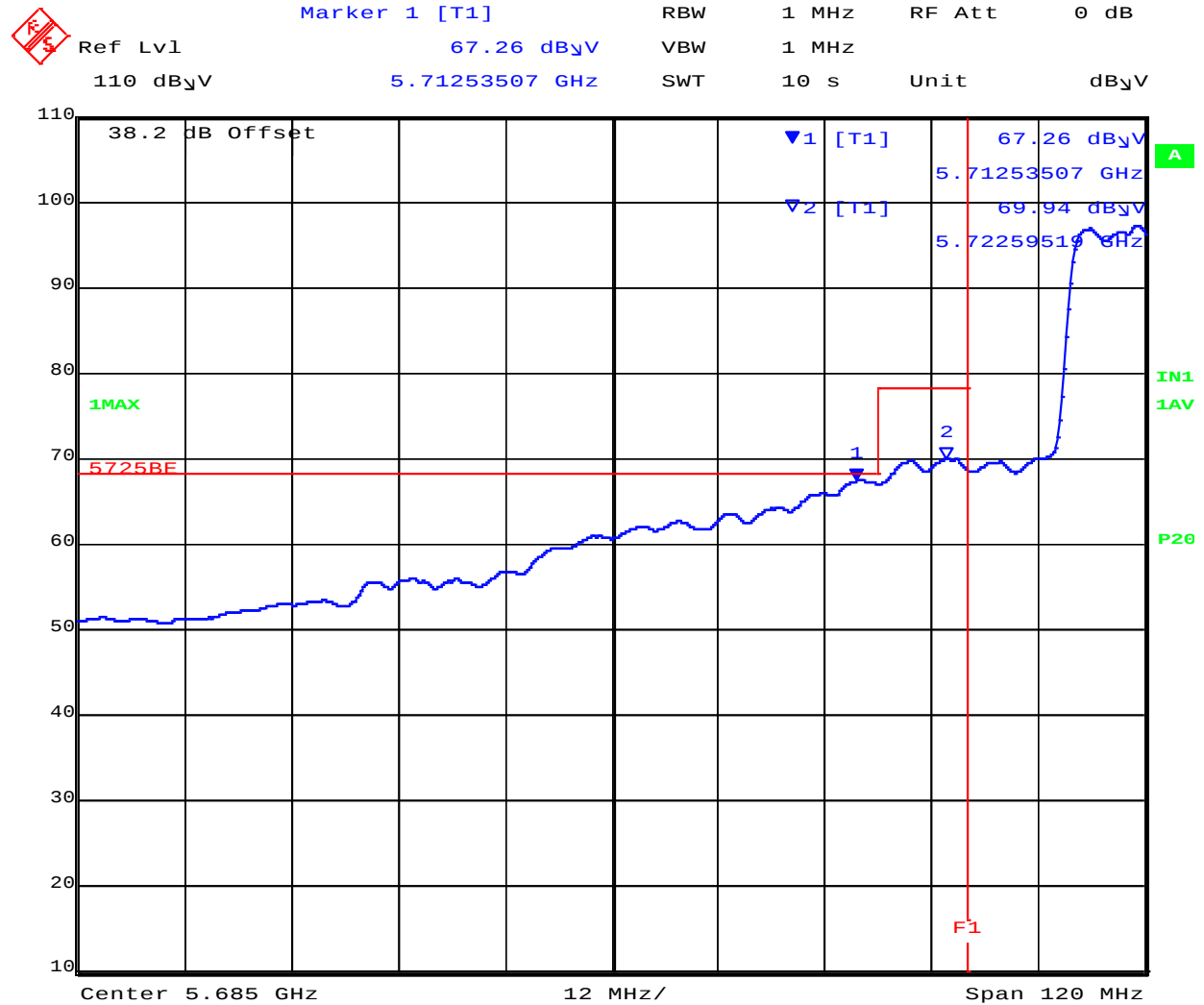
Date: 16.DEC.2015 09:42:27

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5725 MHz

802.11ac-80



Date: 16.DEC.2015 09:33:15

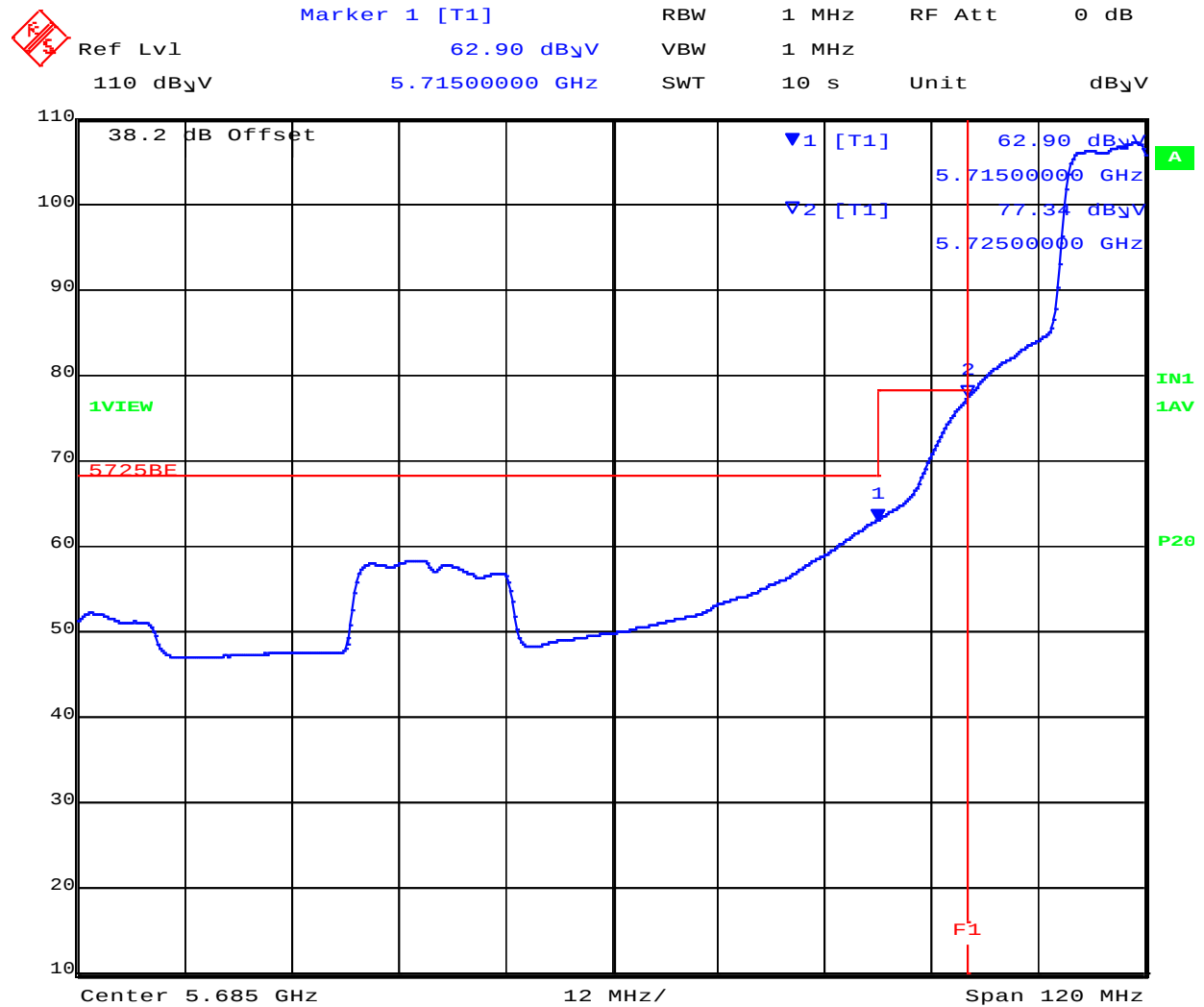
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 319 of 349

Restricted Band-Edge 5725 MHz

802.11HT-20



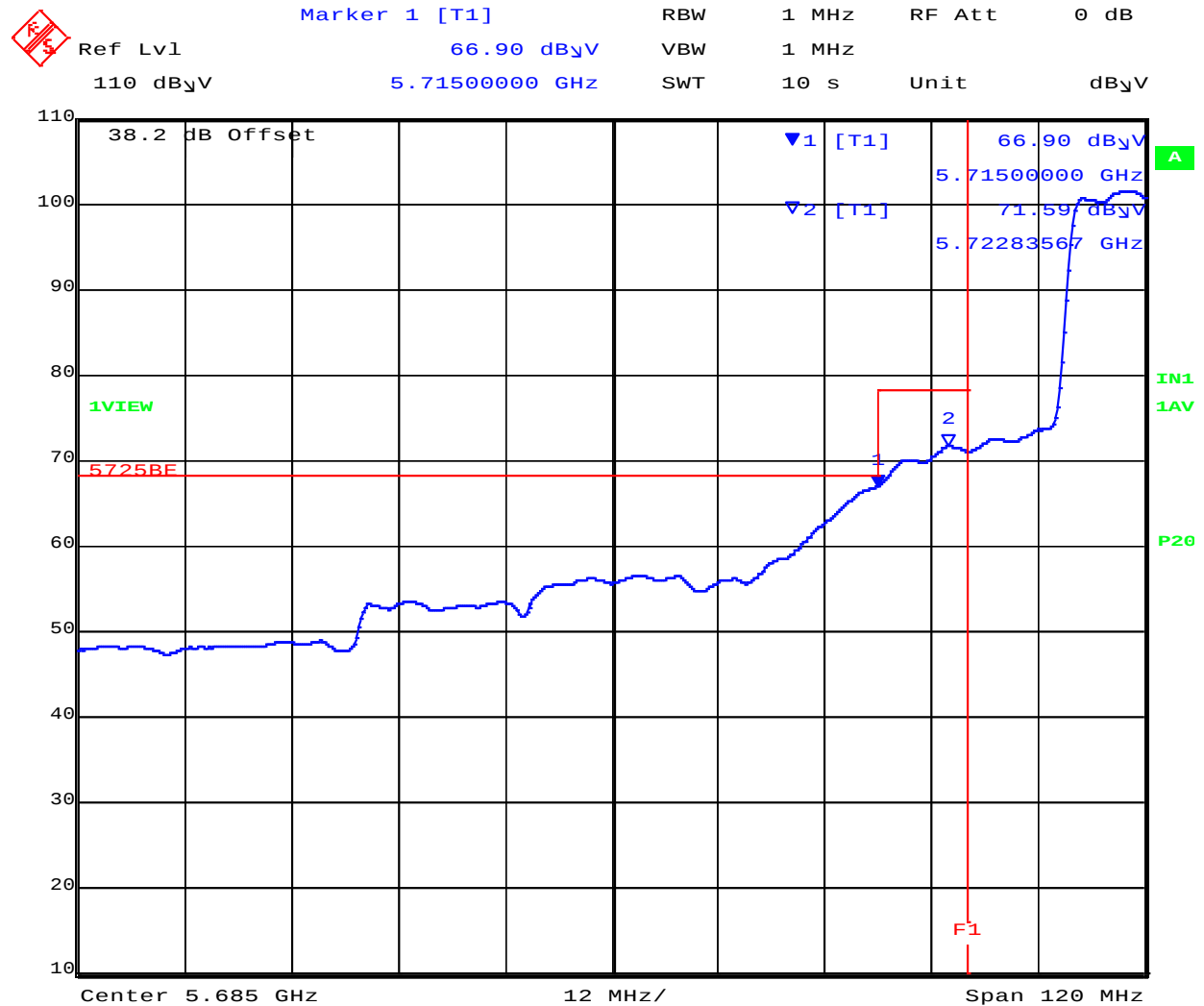
Date: 16.DEC.2015 09:39:19

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 320 of 349

Restricted Band-Edge 5725 MHz
802.11HT-40



Date: 16.DEC.2015 09:36:46

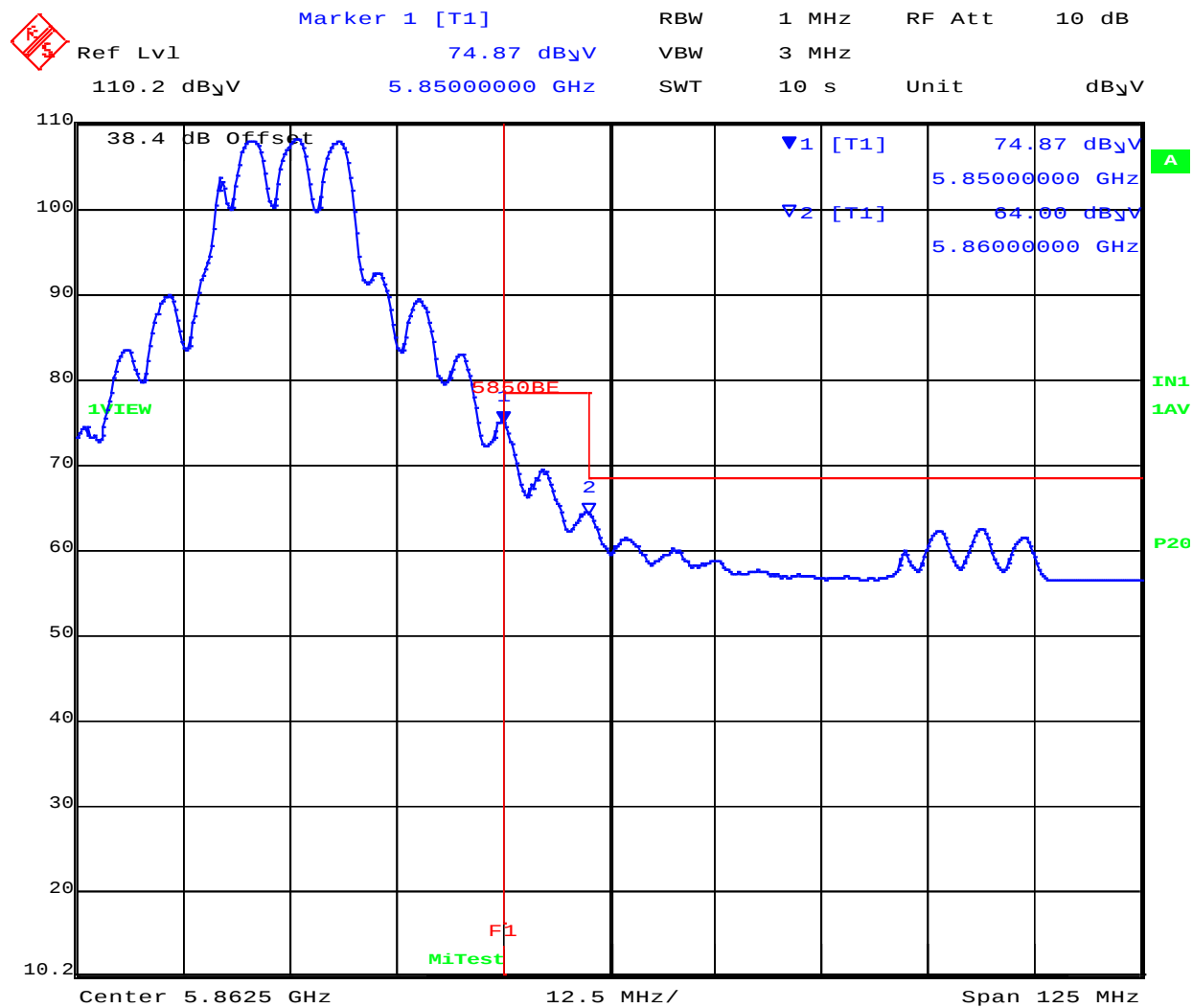
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 321 of 349

Restricted Band-Edge 5850 MHz

802.11a



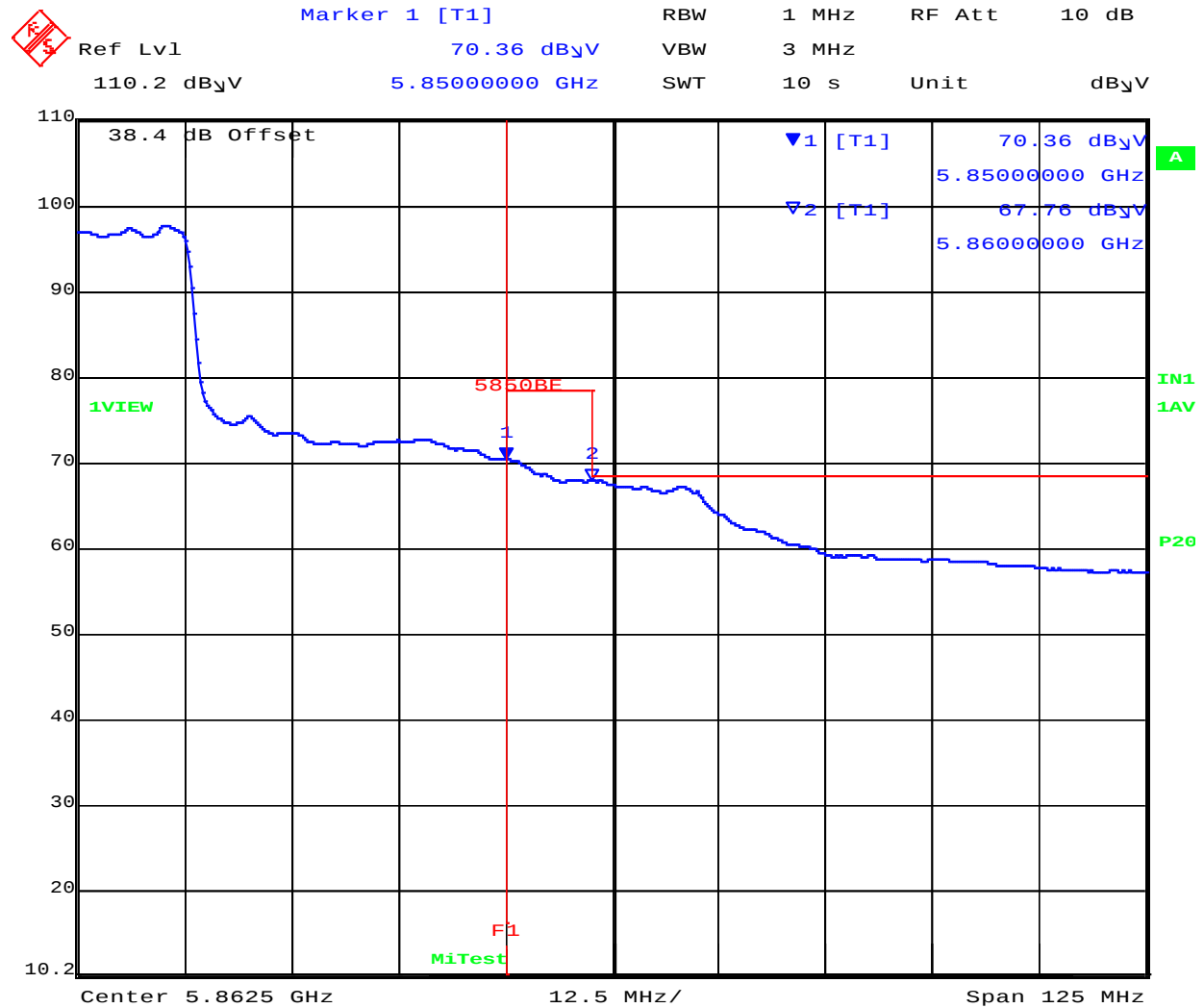
Date: 16.DEC.2015 09:19:42

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz

802.11ac-80



Date: 16.DEC.2015 09:26:56

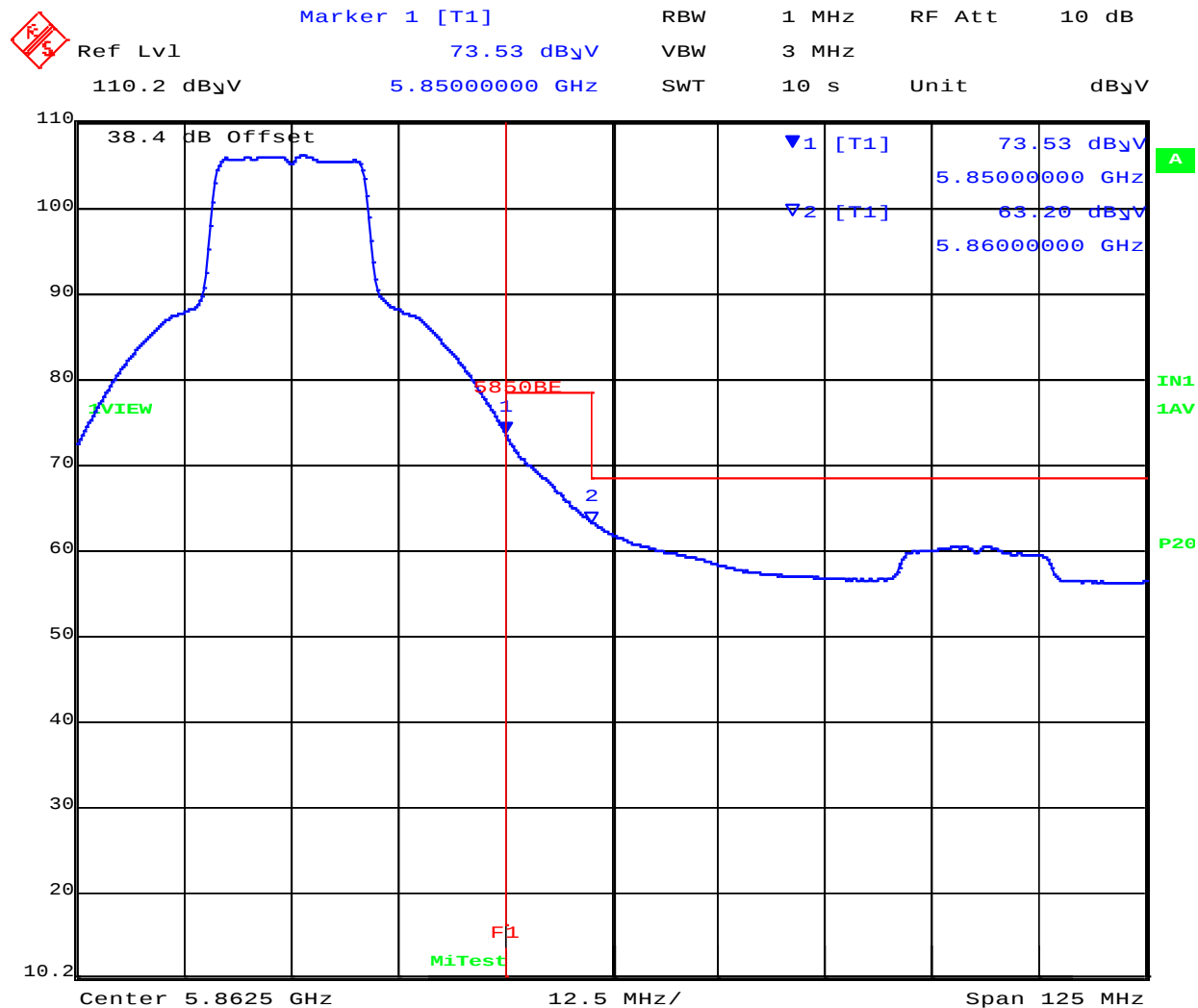
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 323 of 349

Restricted Band-Edge 5850 MHz

802.11HT-20



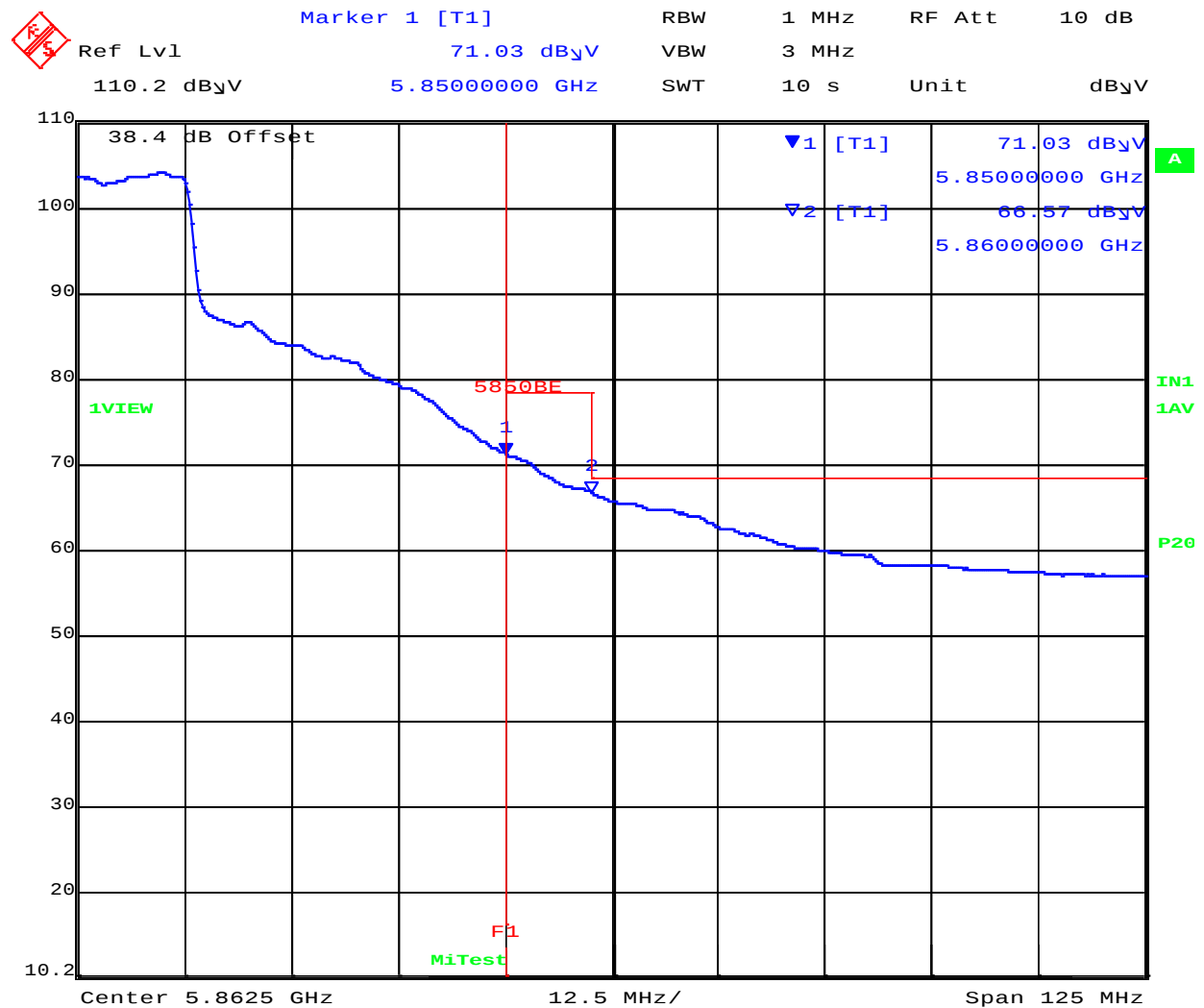
Date: 16.DEC.2015 09:21:49

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 324 of 349

Restricted Band-Edge 5850 MHz
802.11HT-40



Date: 16.DEC.2015 09:23:25

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

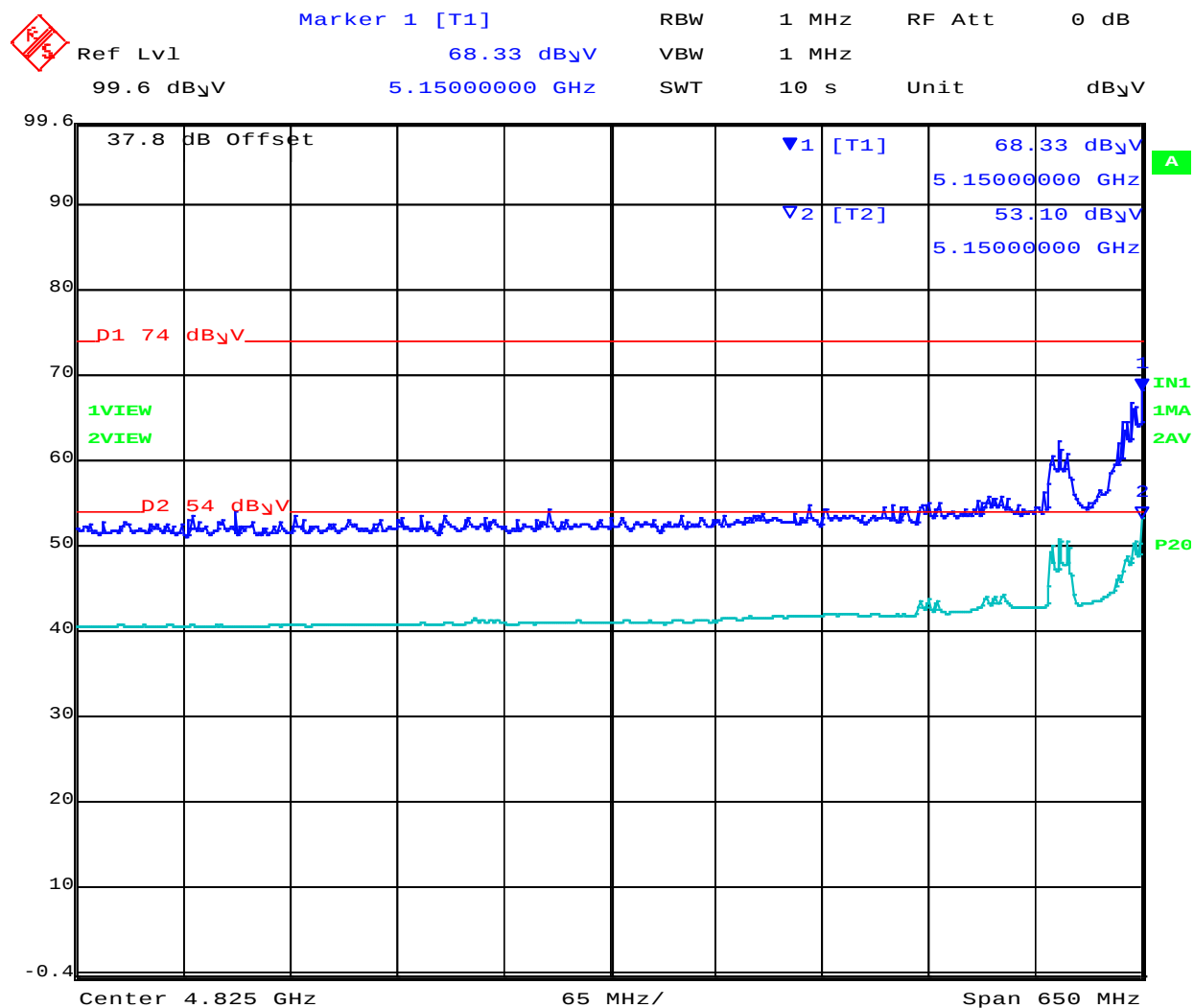


Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 325 of 349

A.4.6 AP-ANT-20

Restricted Band-Edge 5150 MHz

802.11a



Date: 1. JAN. 1997 01:24:54

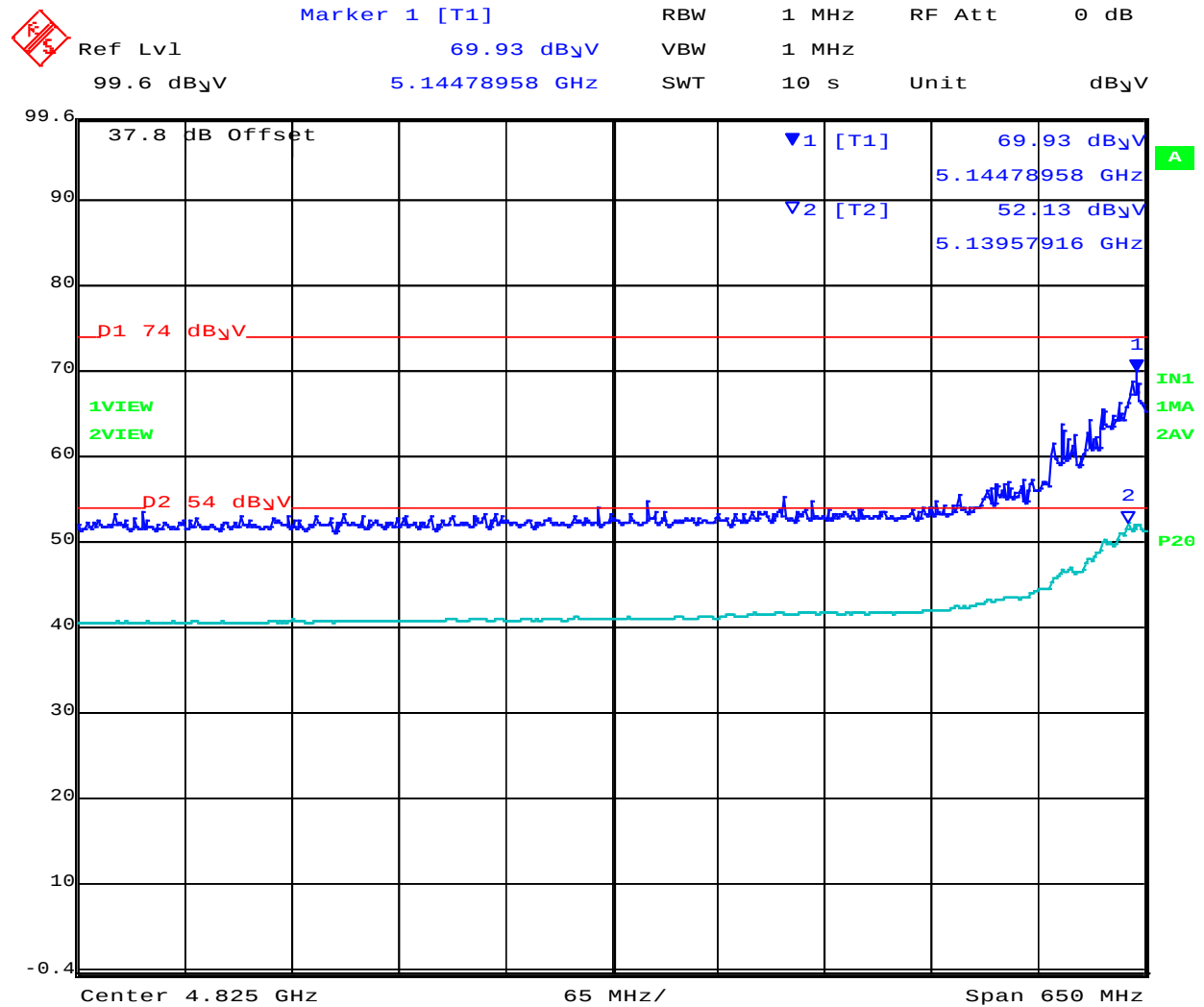
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 326 of 349

Restricted Band-Edge 5150 MHz

802.11ac-80



Date: 1. JAN. 1997 01:17:17

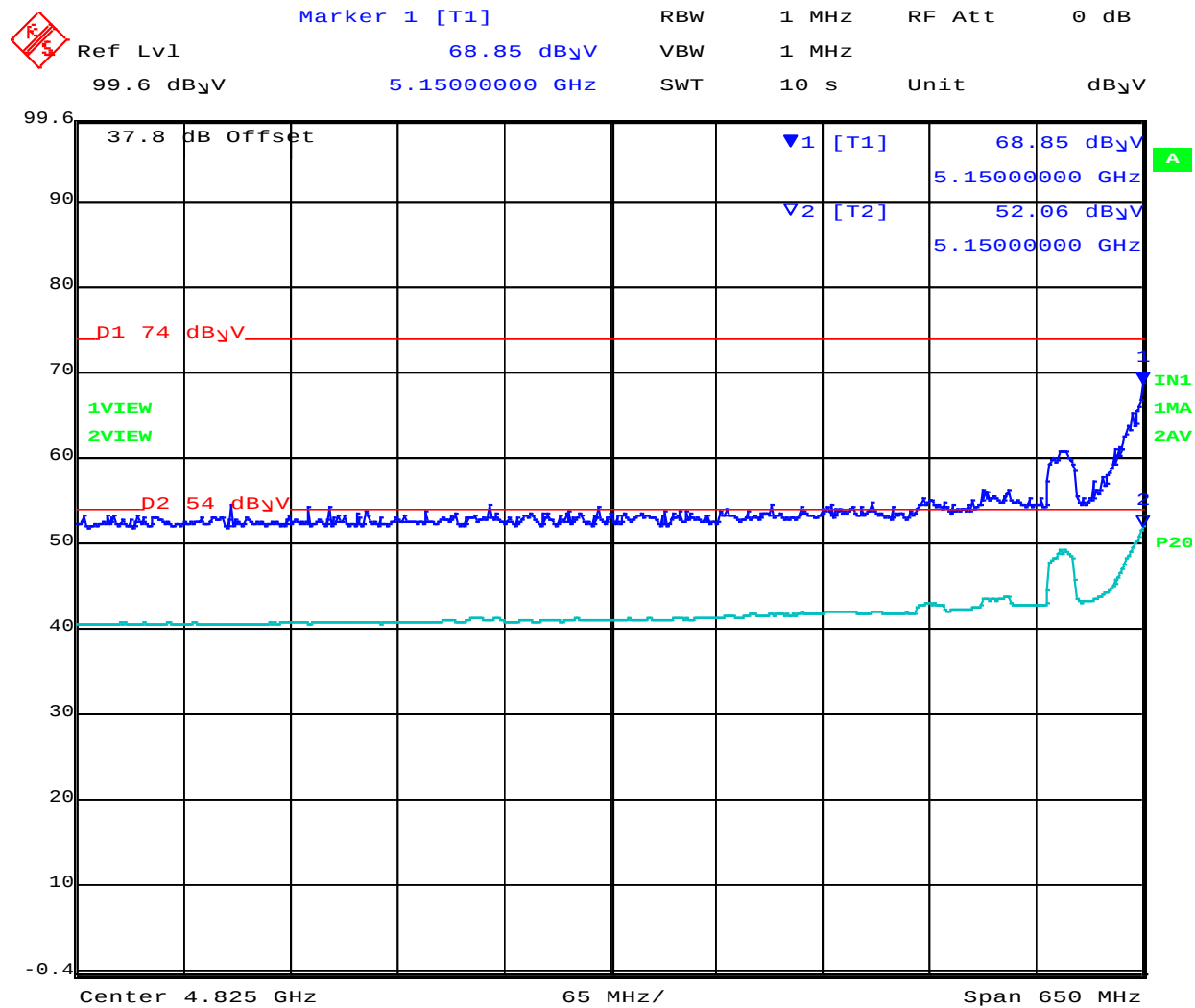
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 327 of 349

Restricted Band-Edge 5150 MHz

802.11HT-20



Date: 1. JAN. 1997 01:26:42

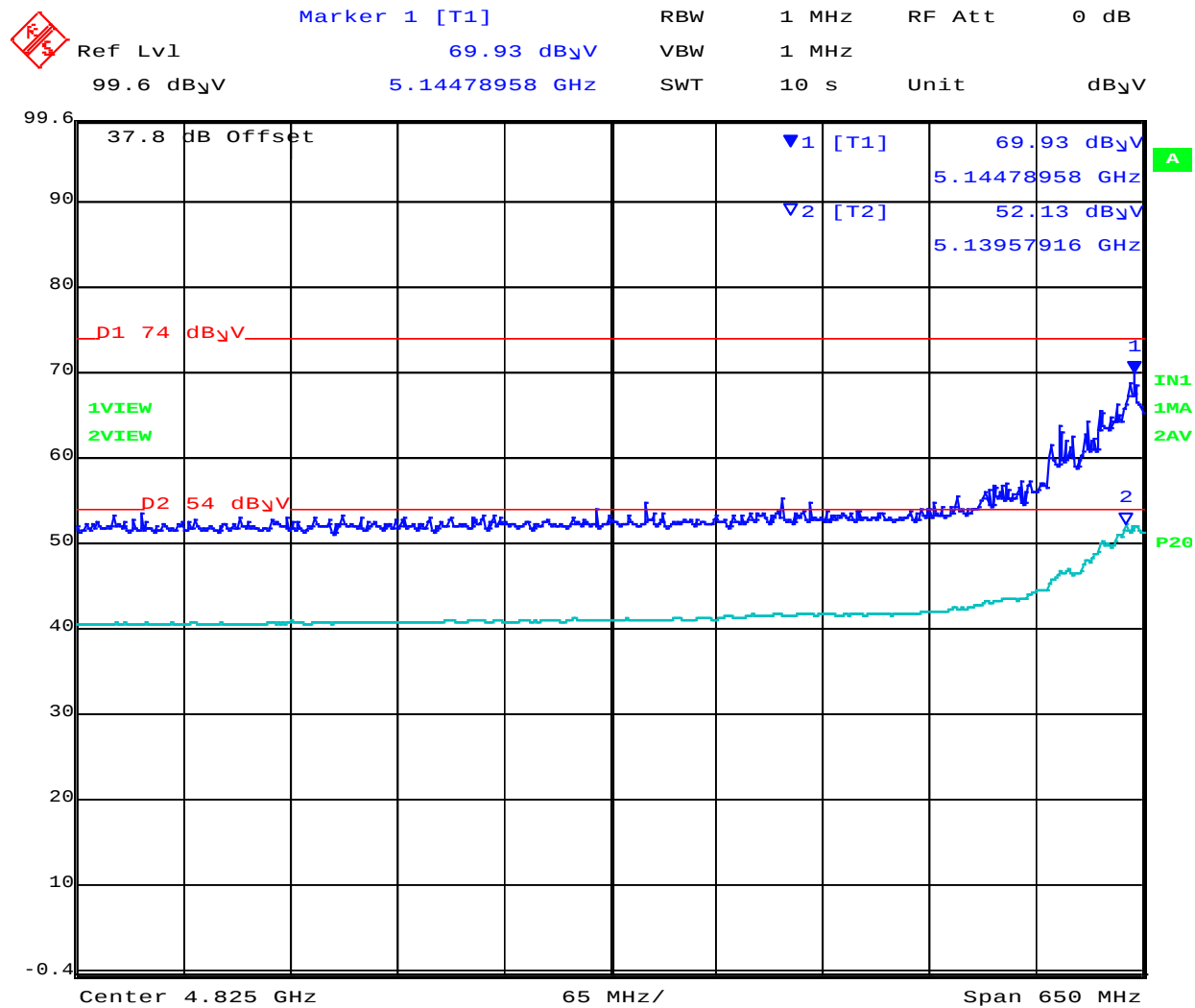
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 328 of 349

Restricted Band-Edge 5150 MHz

802.11HT-40



Date: 1. JAN. 1997 01:17:17

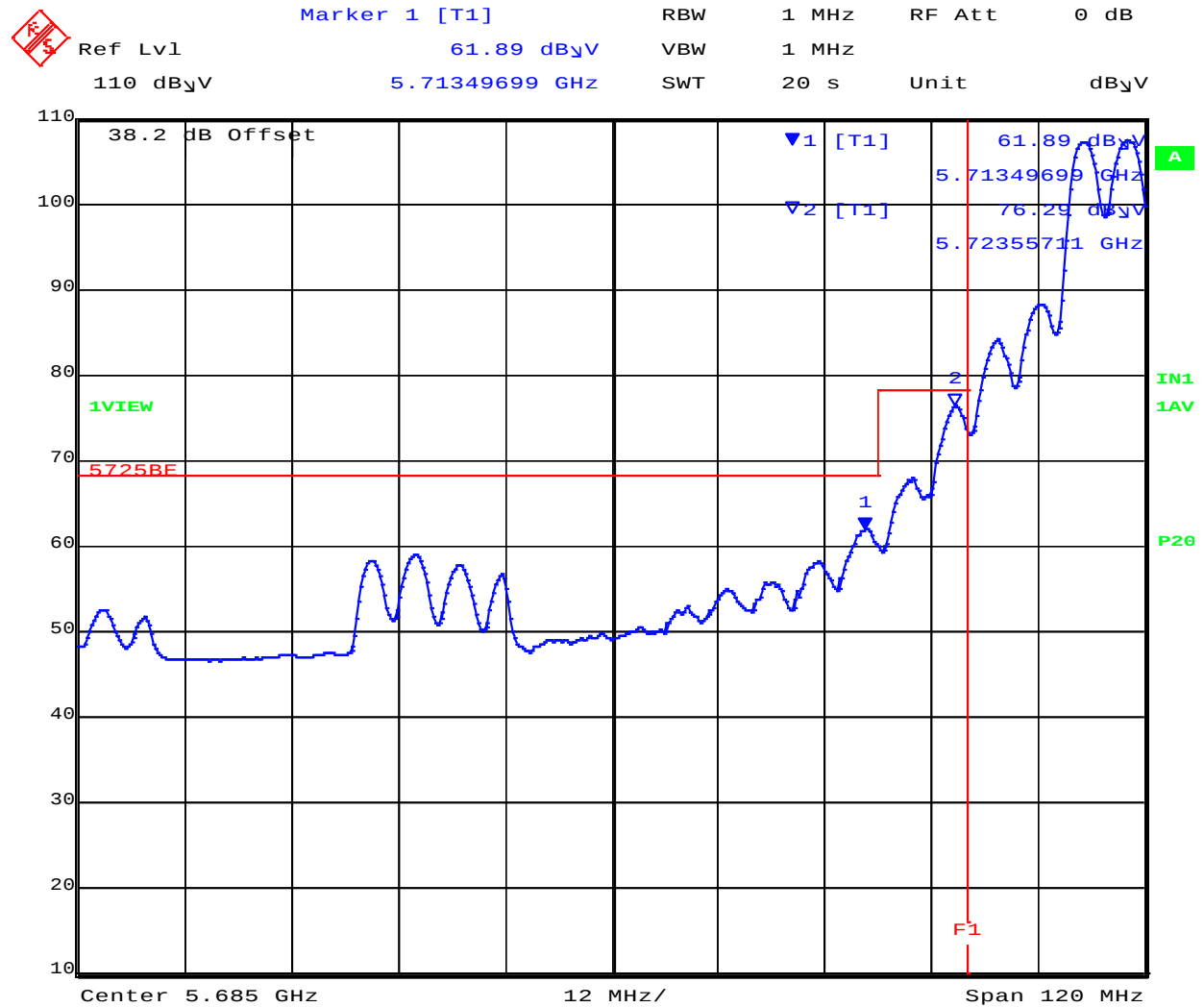
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 329 of 349

Restricted Band-Edge 5725 MHz

802.11a



Date: 1.JAN.1997 00:19:50

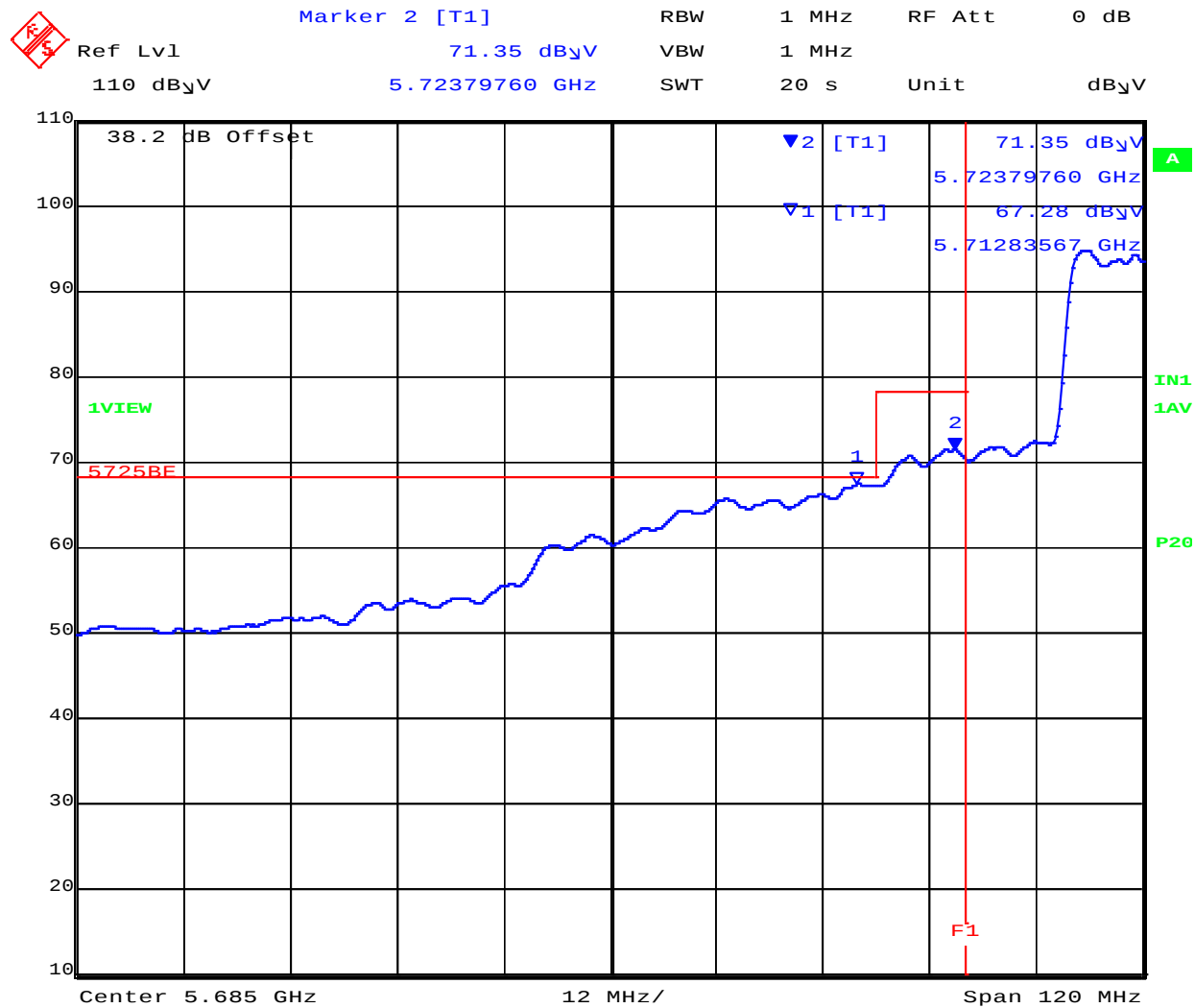
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 330 of 349

Restricted Band-Edge 5725 MHz

802.11ac-80



Date: 1 JAN 1997 00:54:27

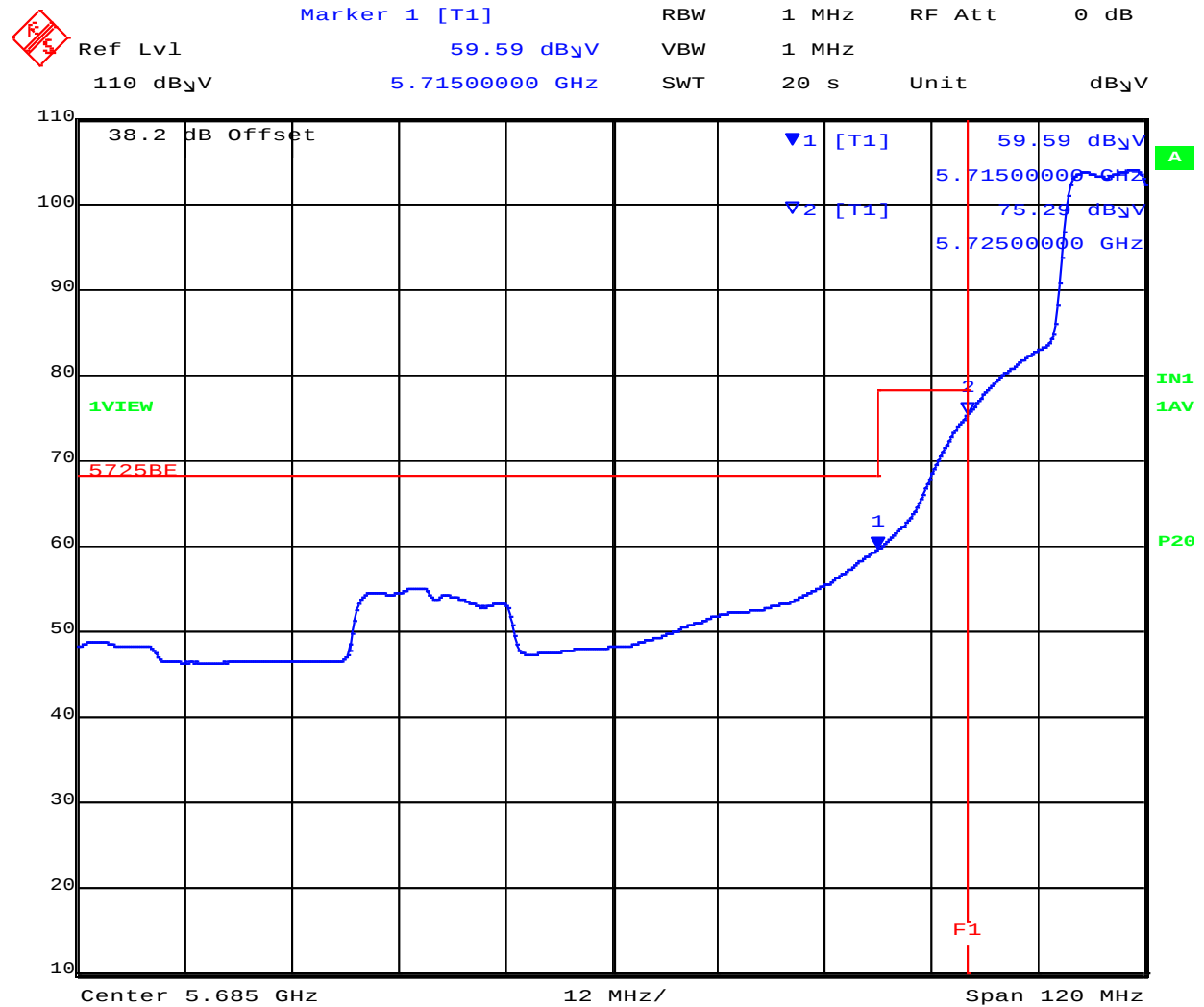
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 331 of 349

Restricted Band-Edge 5725 MHz

802.11HT-20



Date: 1.JAN.1997 00:49:36

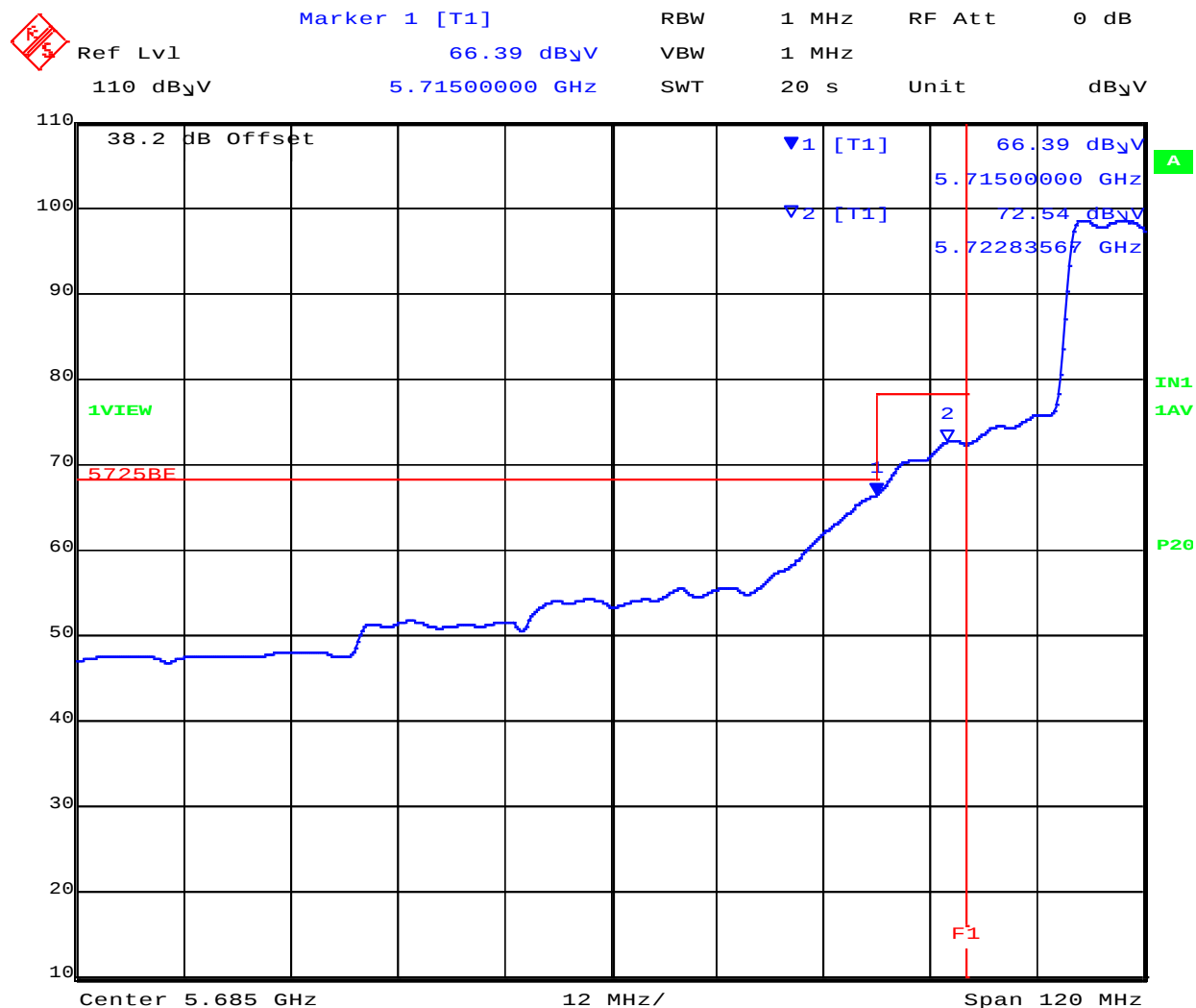
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 332 of 349

Restricted Band-Edge 5725 MHz

802.11HT-40



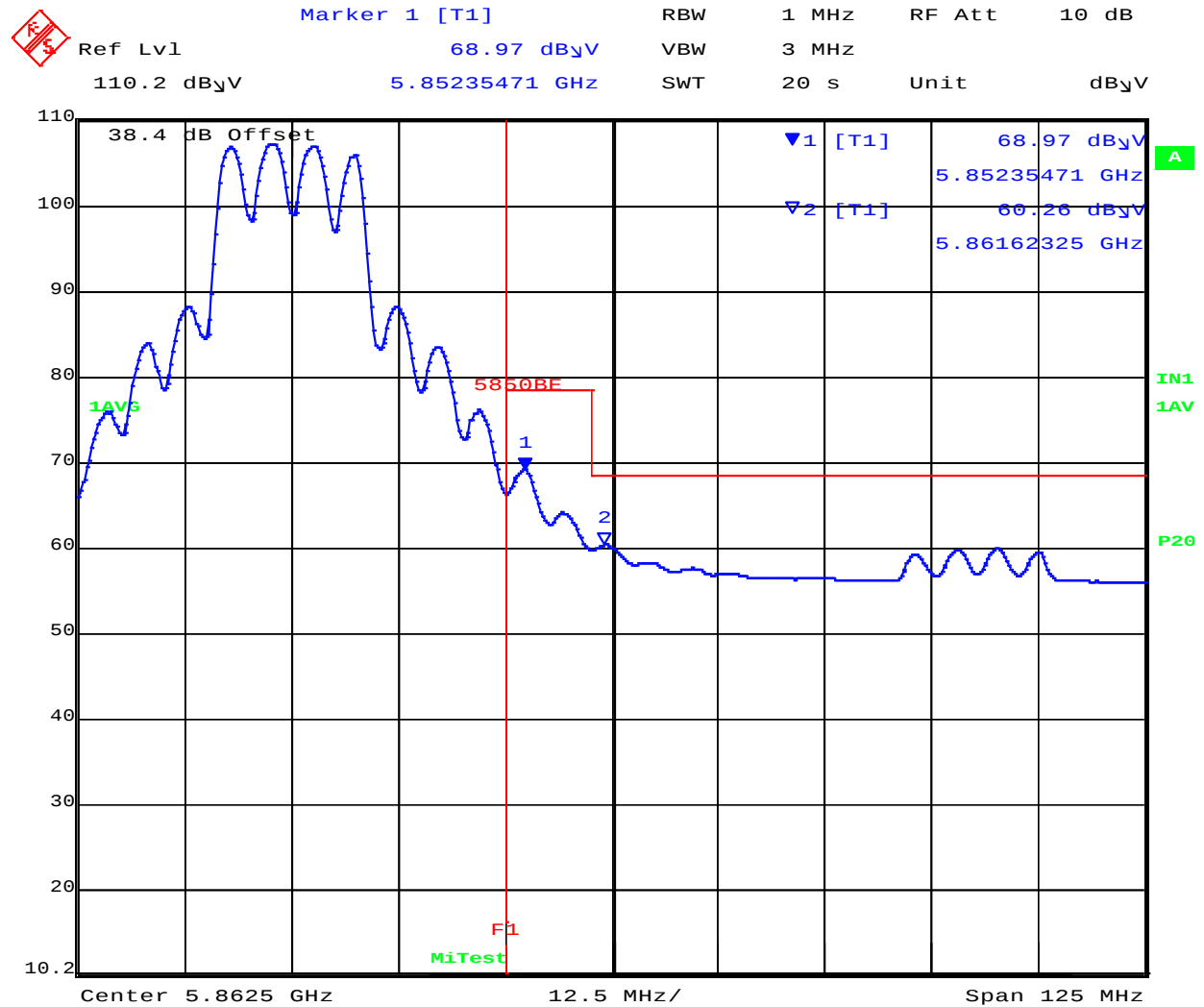
Date: 1.JAN.1997 00:47:20

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz

802.11a



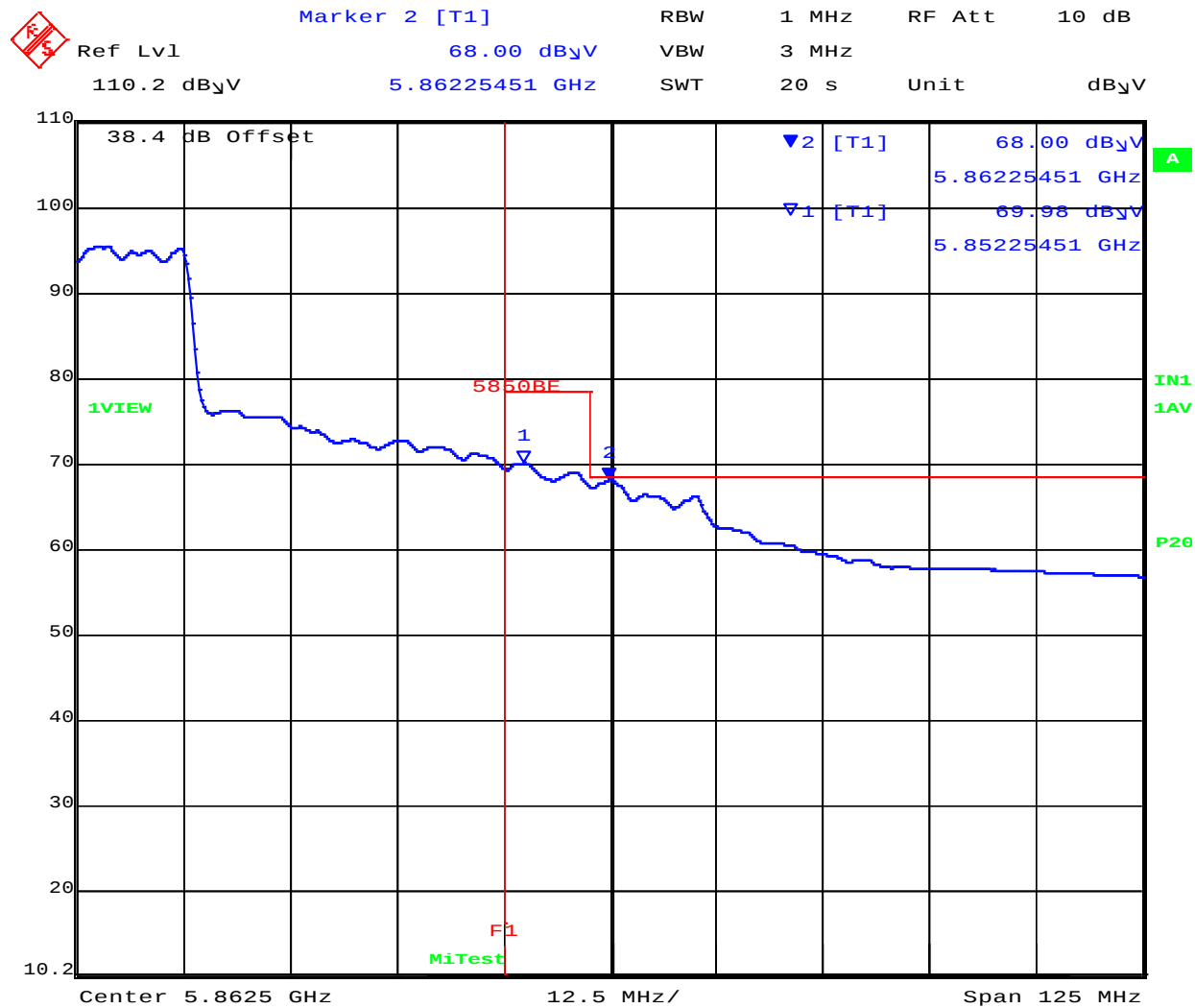
Date: 14.DEC.2015 19:37:44

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz

802.11ac-80



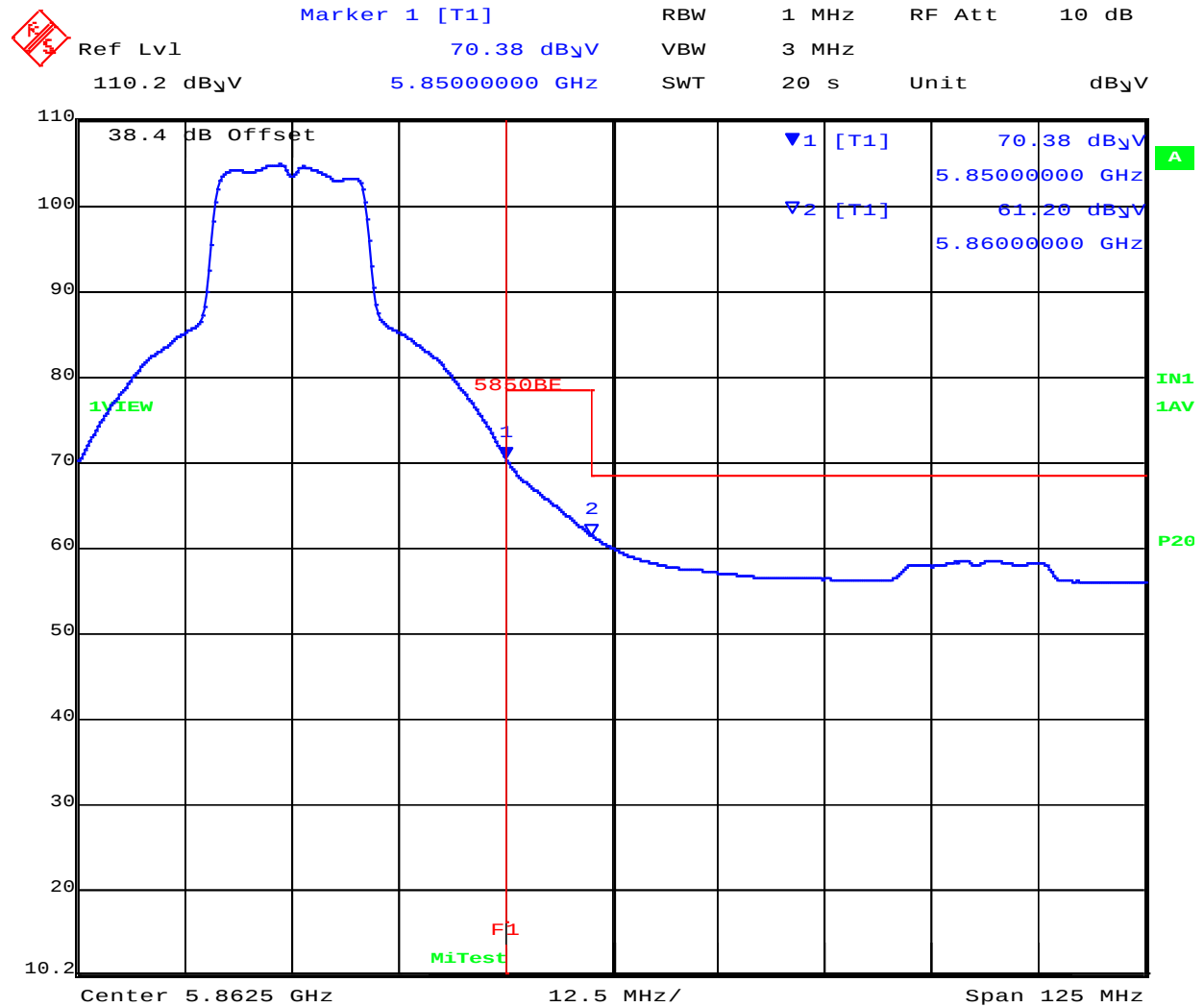
Date: 14.DEC.2015 19:54:01

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 335 of 349

Restricted Band-Edge 5850 MHz
802.11HT-20

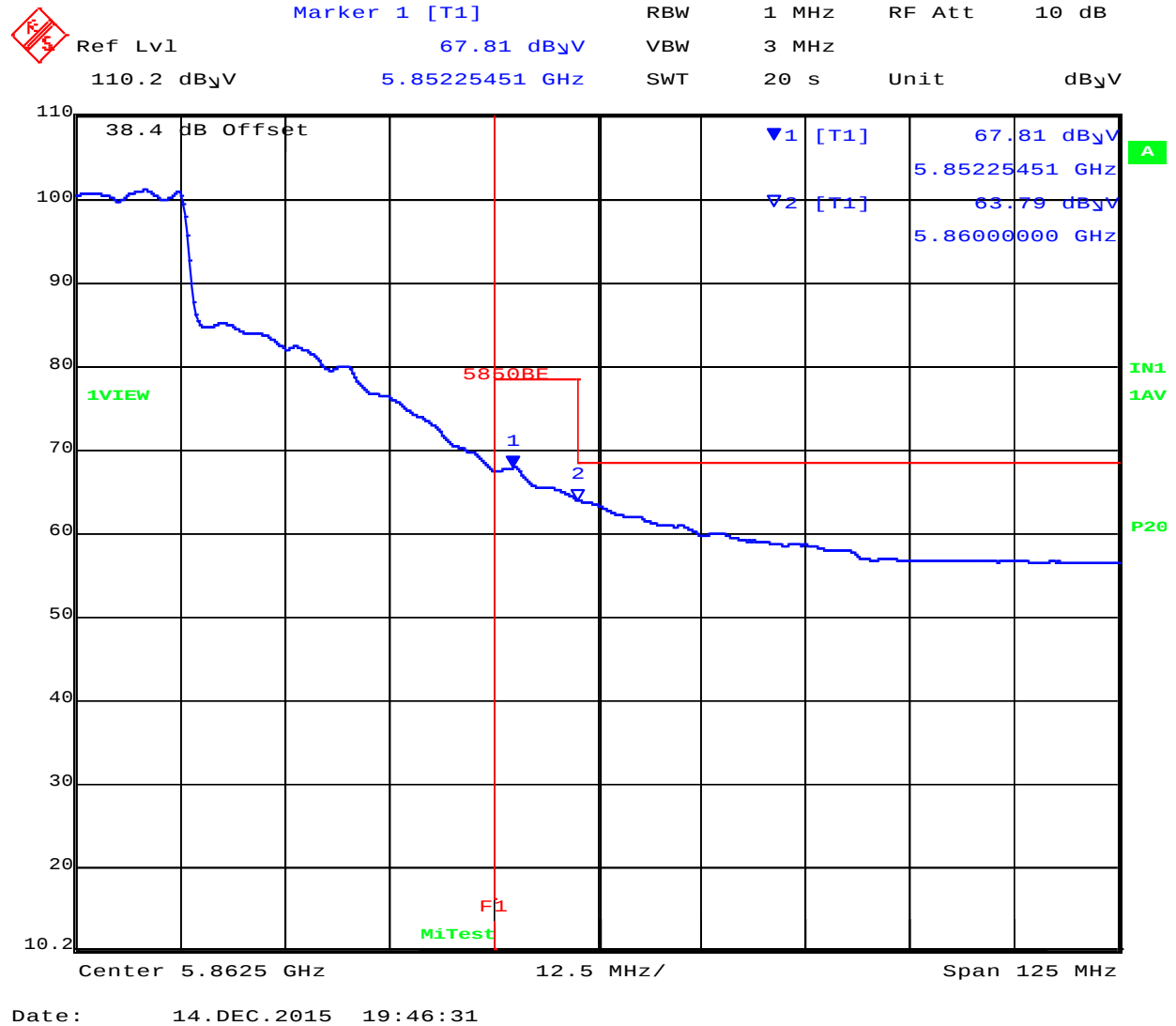


Date: 14.DEC.2015 19:41:19

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz
802.11HT-40



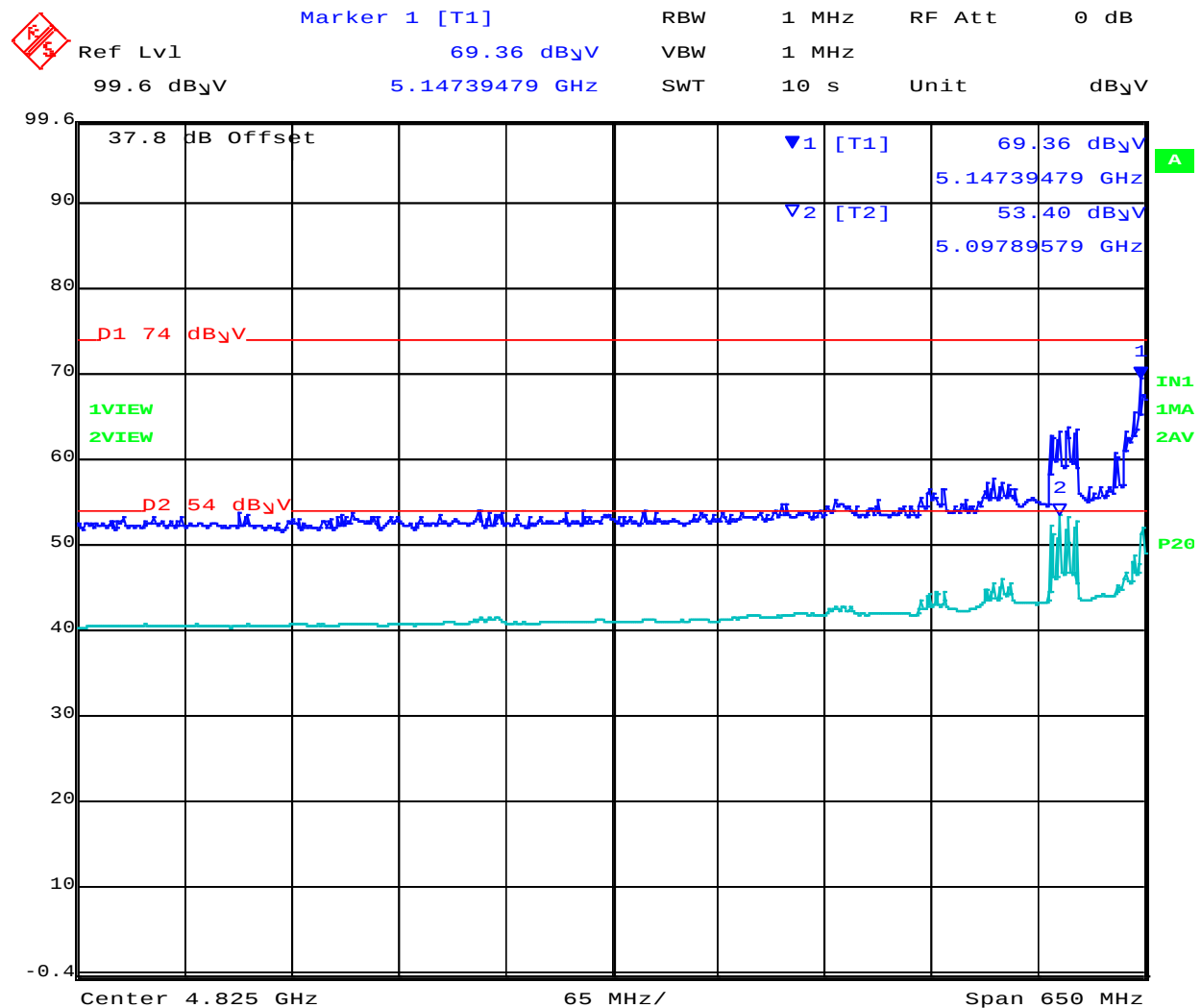
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



A.4.7 Integral (APIN0205)

Restricted Band-Edge 5150 MHz

802.11a



Date: 16.DEC.2015 12:01:10

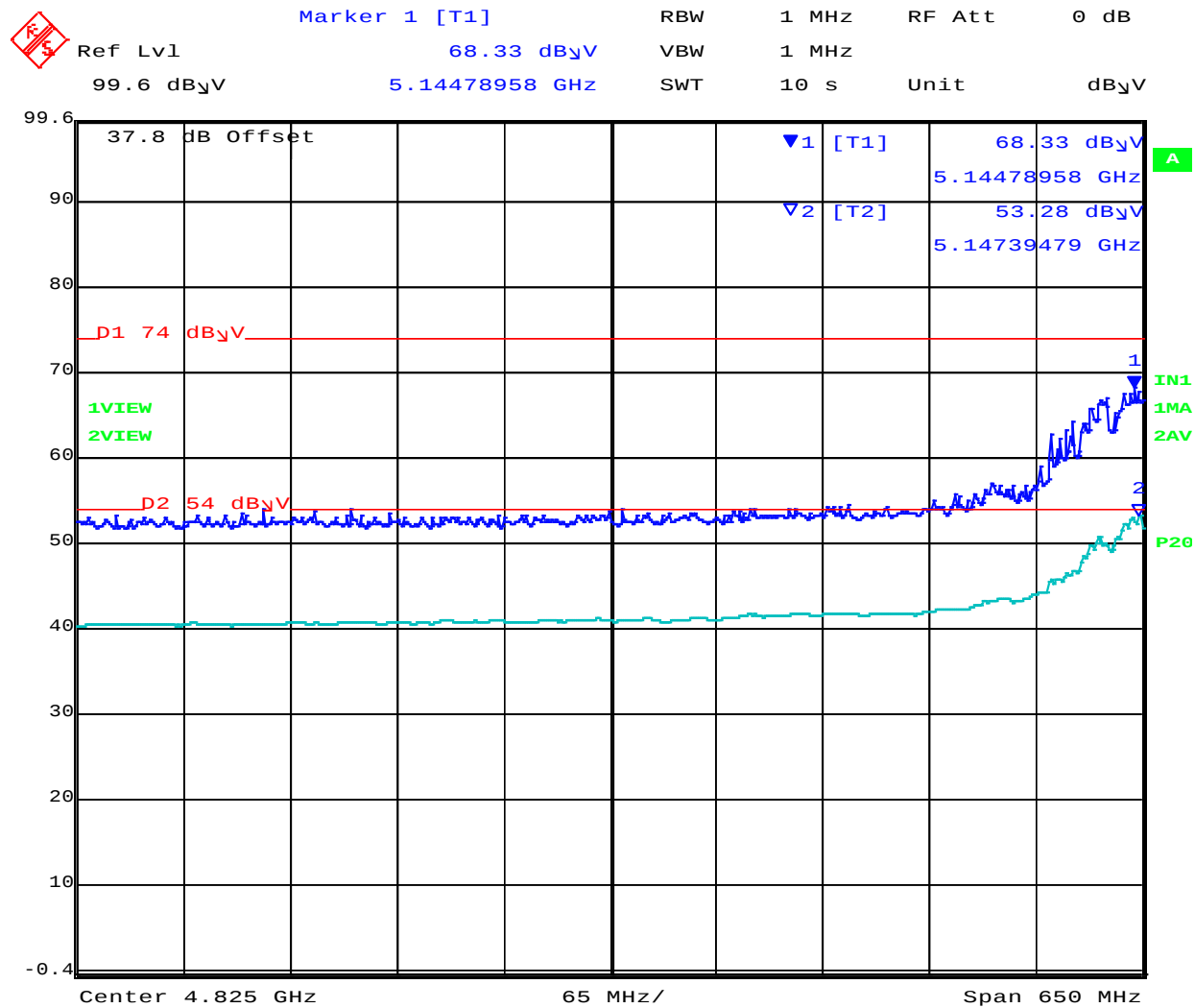
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 338 of 349

Restricted Band-Edge 5150 MHz

802.11ac-80



Date: 16.DEC.2015 12:04:00

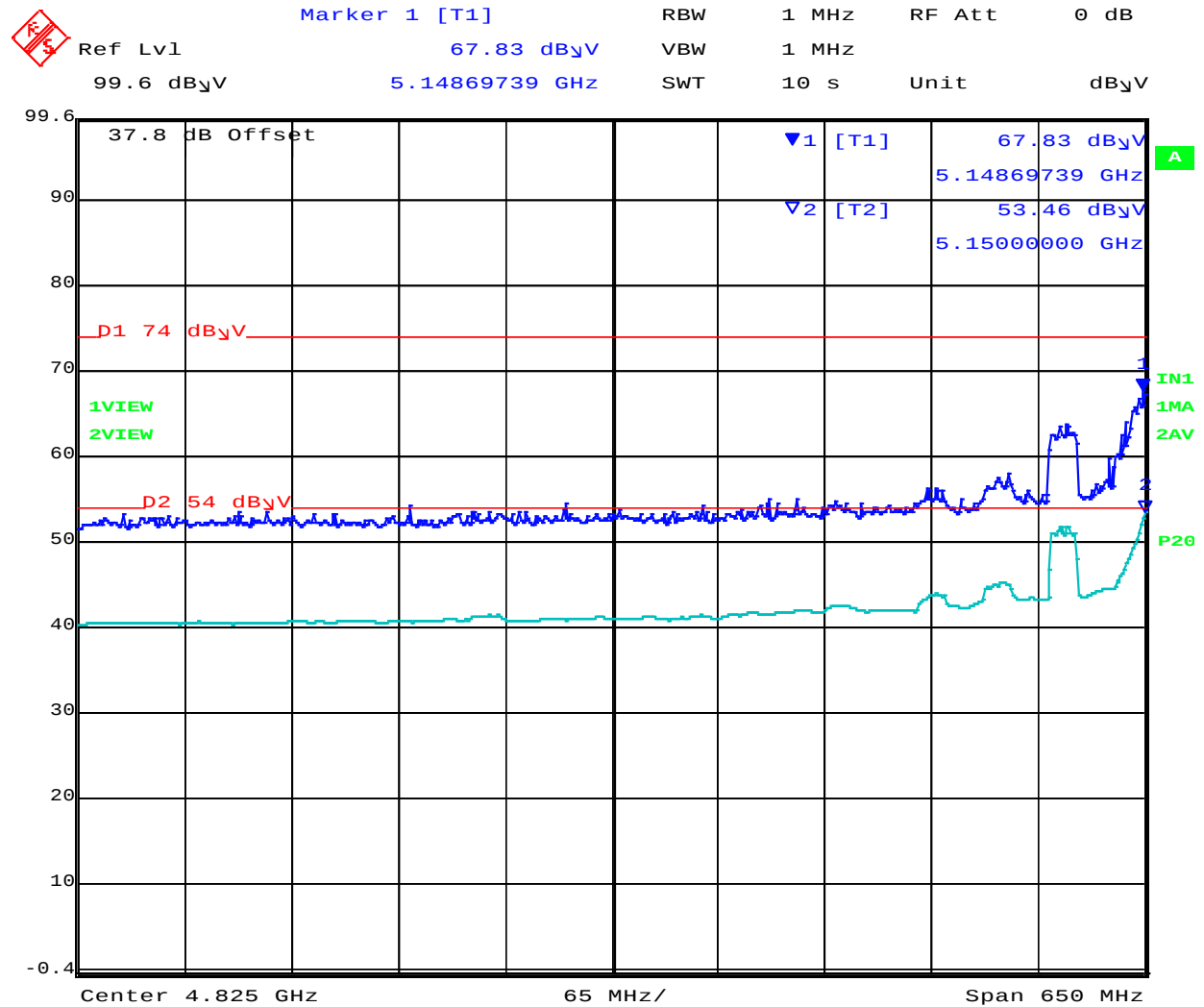
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 339 of 349

Restricted Band-Edge 5150 MHz

802.11HT-20



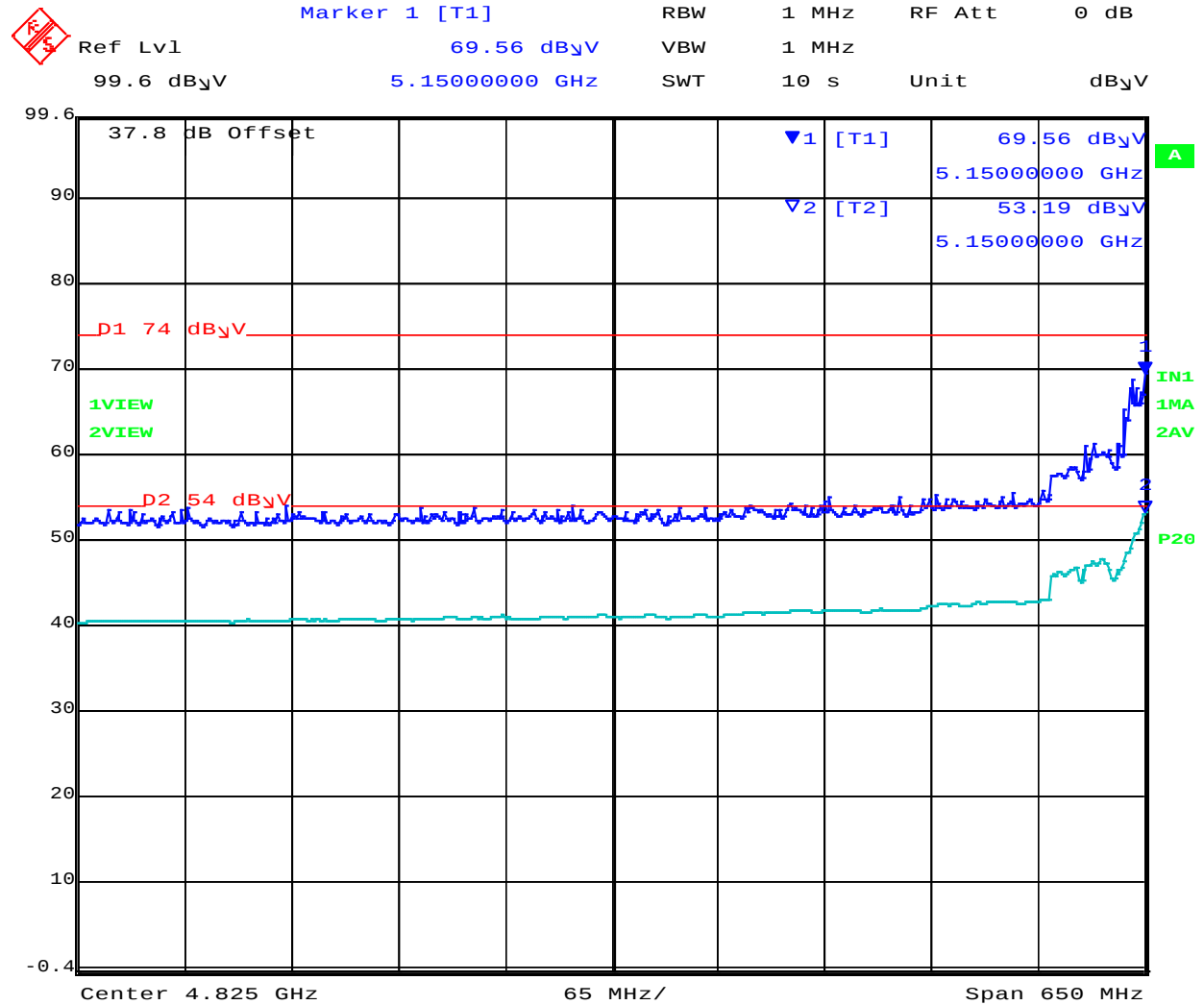
Date: 16.DEC.2015 11:56:24

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 340 of 349

Restricted Band-Edge 5150 MHz
802.11HT-40



Date: 16.DEC.2015 11:54:20

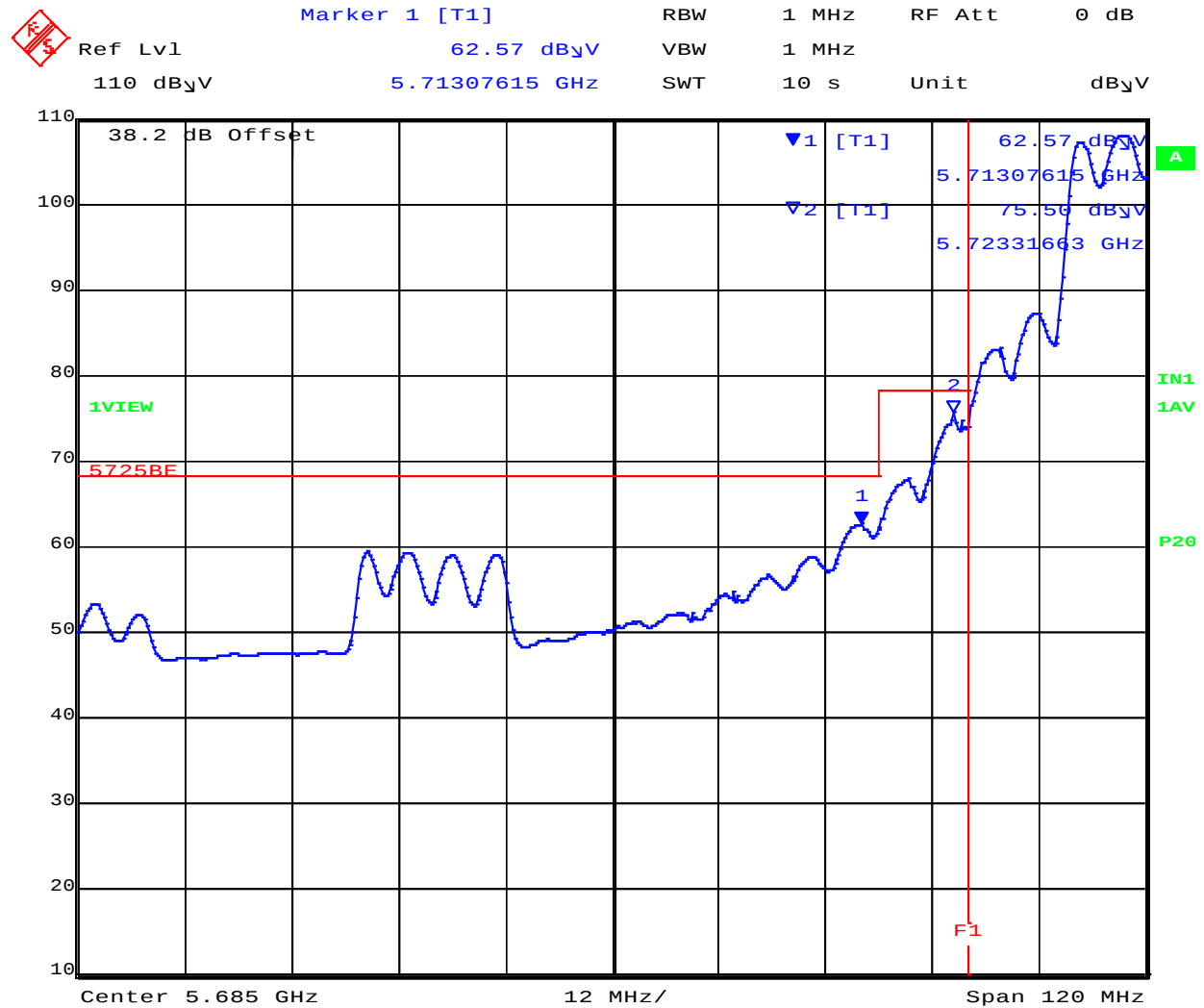
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 341 of 349

Restricted Band-Edge 5725 MHz

802.11a



Date: 16.DEC.2015 12:41:53

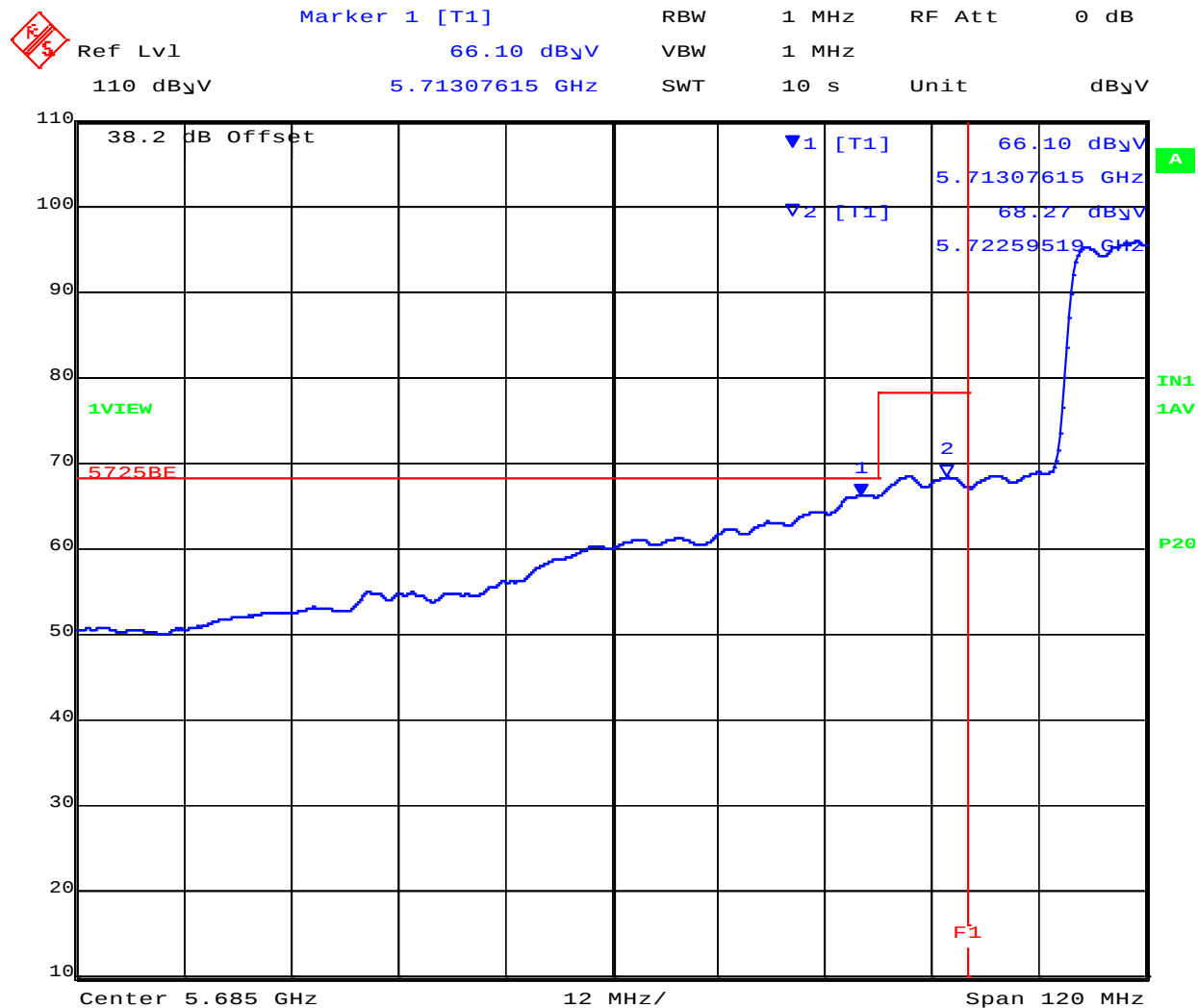
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 342 of 349

Restricted Band-Edge 5725 MHz

802.11ac-80



Date: 16.DEC.2015 12:54:01

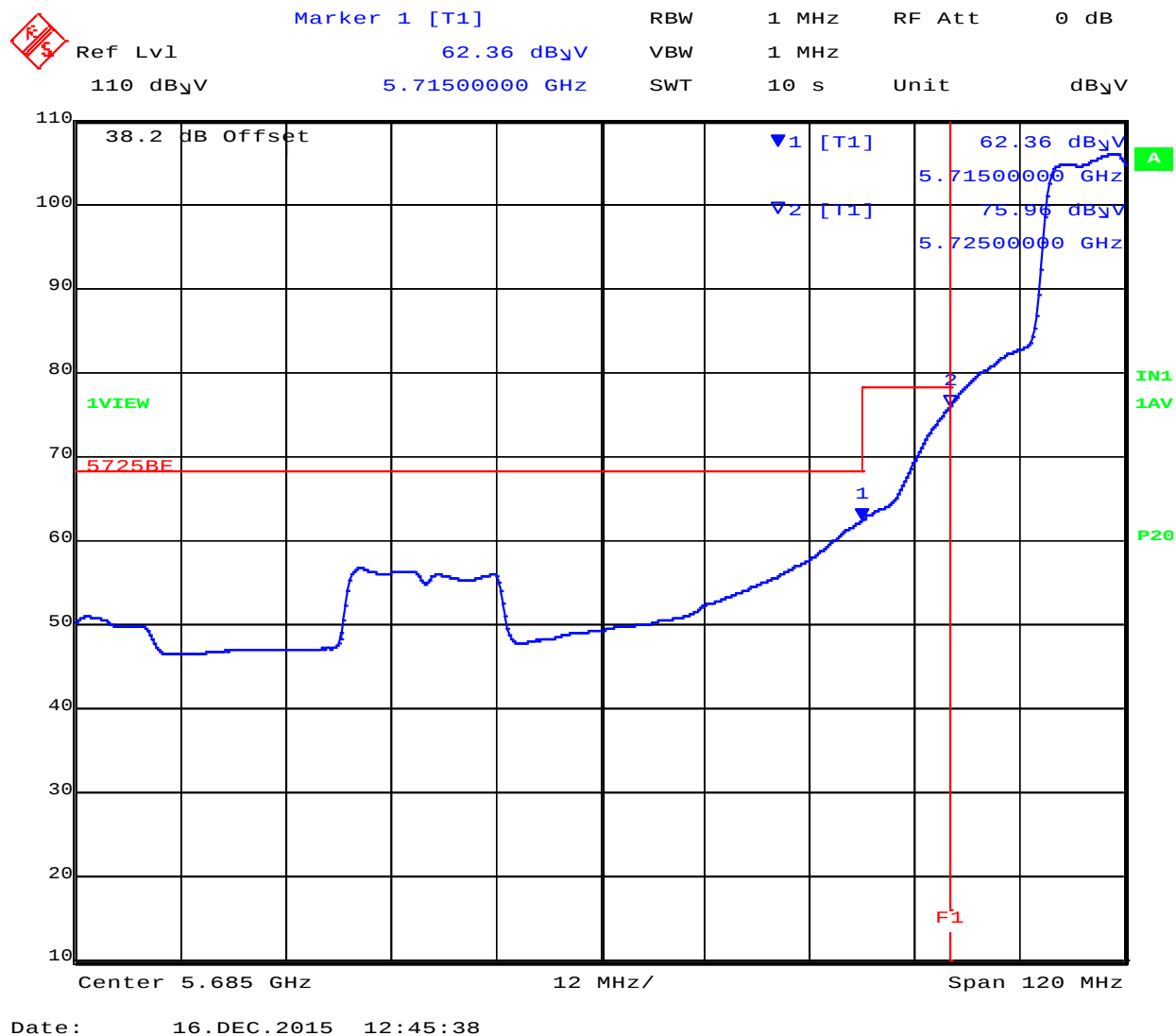
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 343 of 349

Restricted Band-Edge 5725 MHz

802.11HT-20



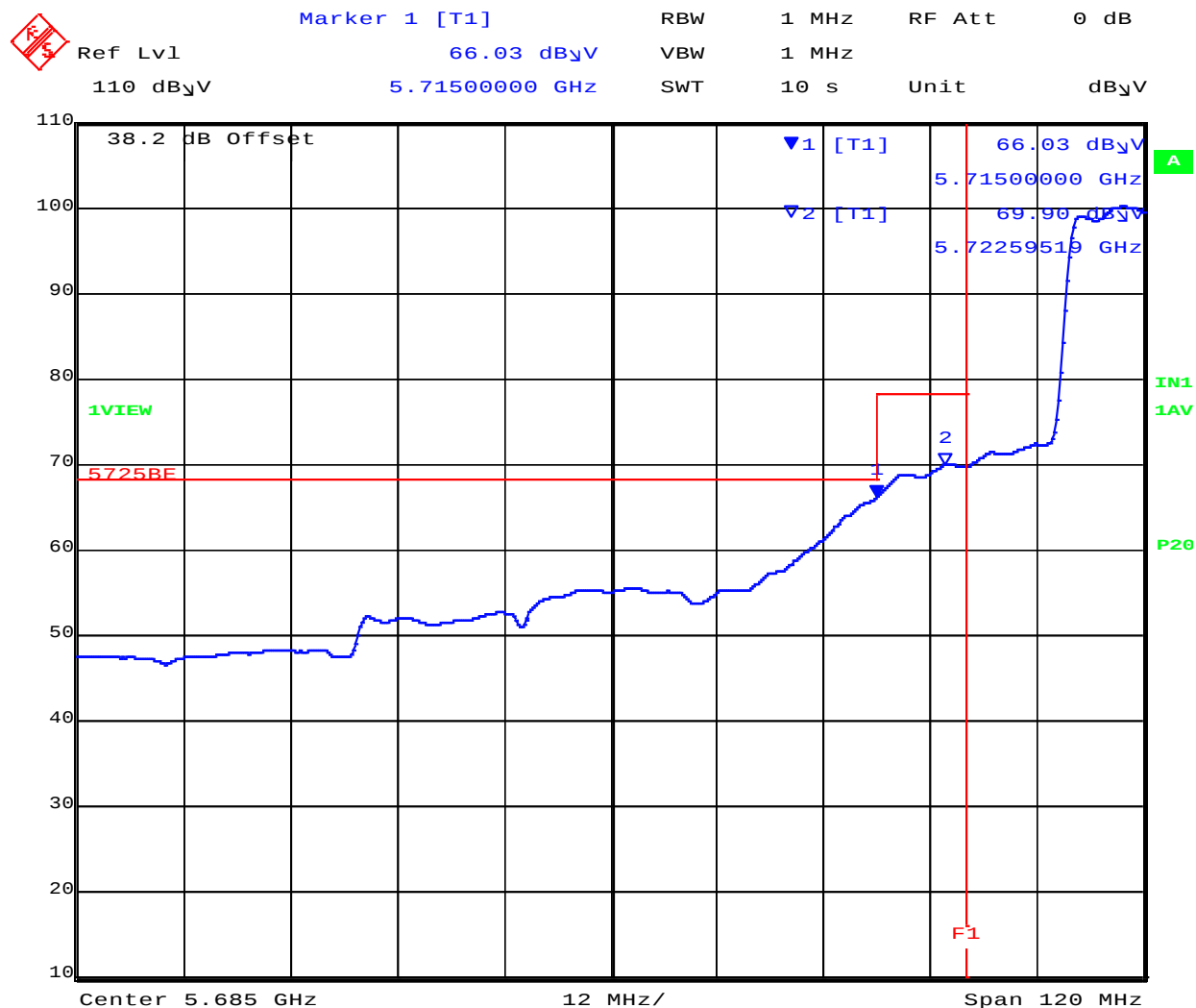
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 344 of 349

Restricted Band-Edge 5725 MHz

802.11HT-40



Date: 16.DEC.2015 12:49:17

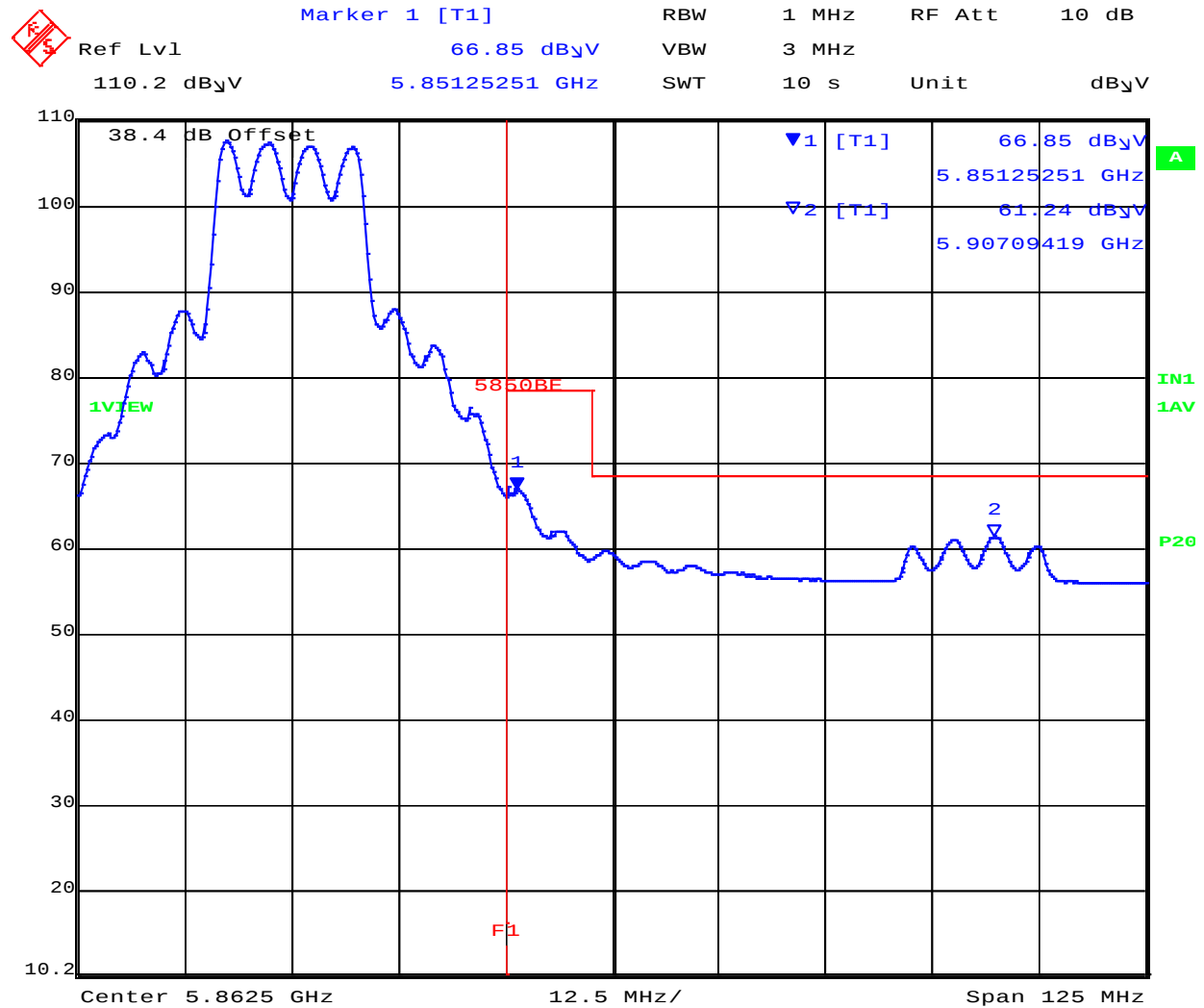
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 345 of 349

Restricted Band-Edge 5850 MHz

802.11a



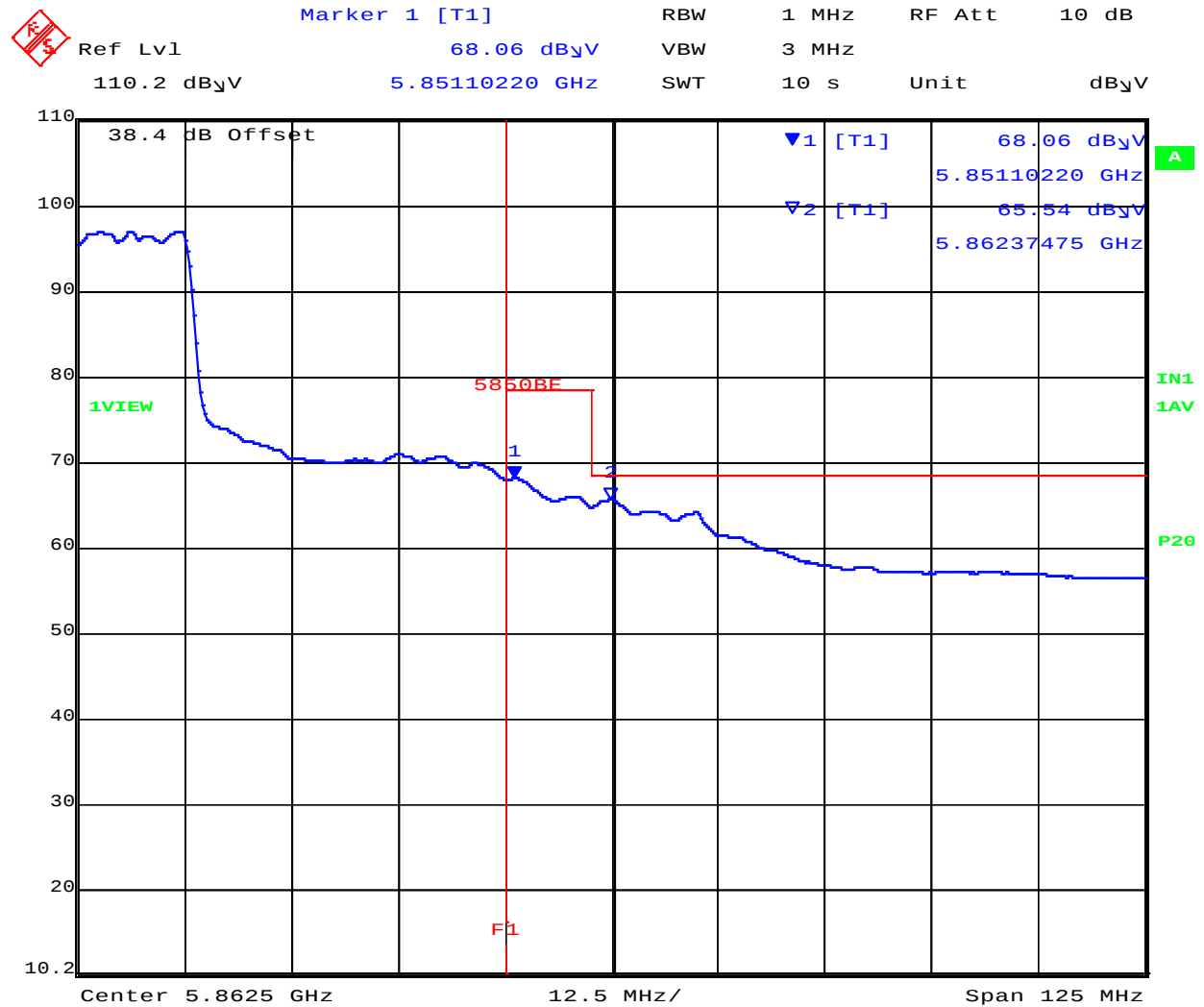
Date: 16.DEC.2015 13:11:07

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Restricted Band-Edge 5850 MHz

802.11ac-80



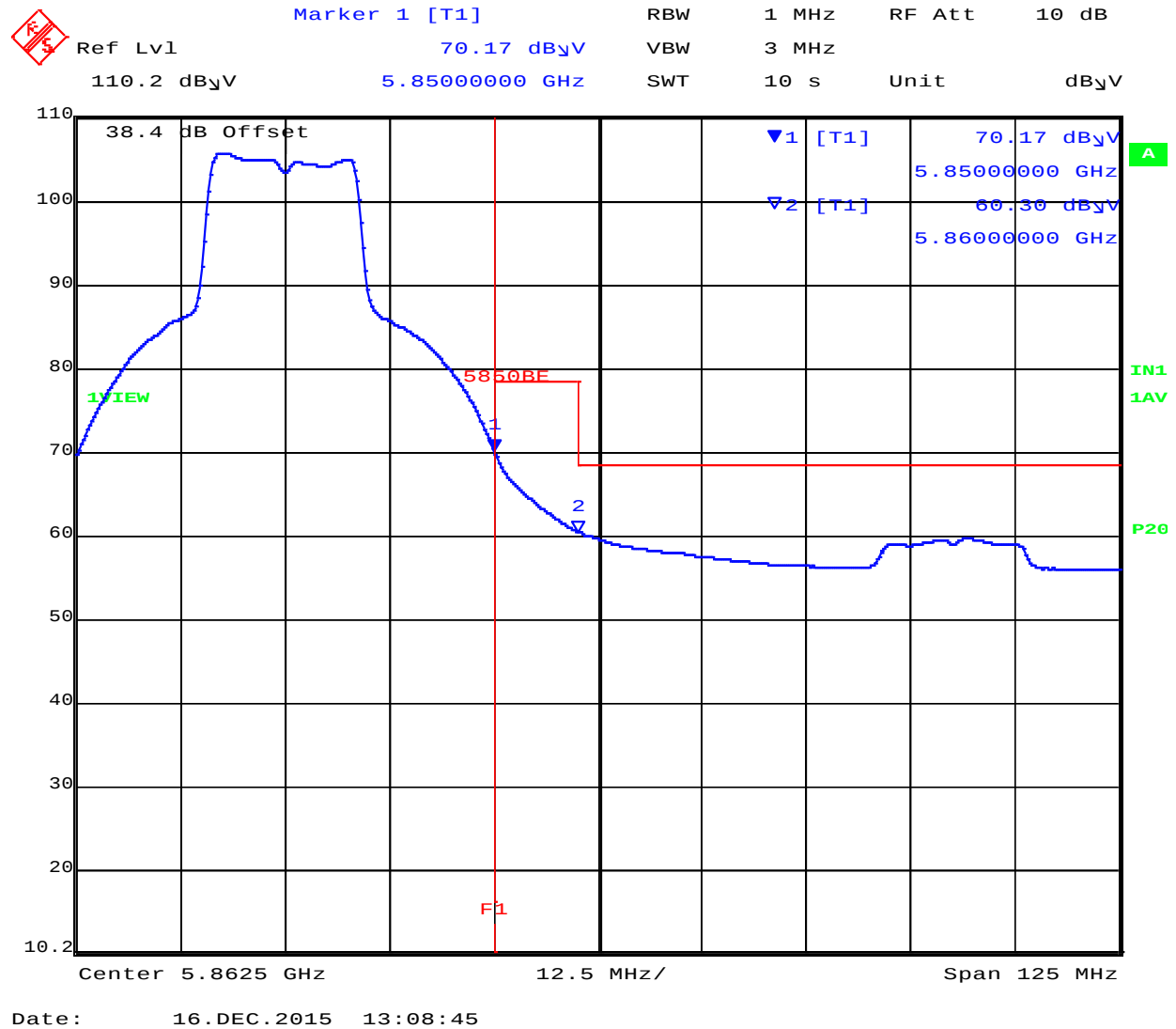
Date: 16.DEC.2015 13:05:14

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 347 of 349

Restricted Band-Edge 5850 MHz
802.11HT-20



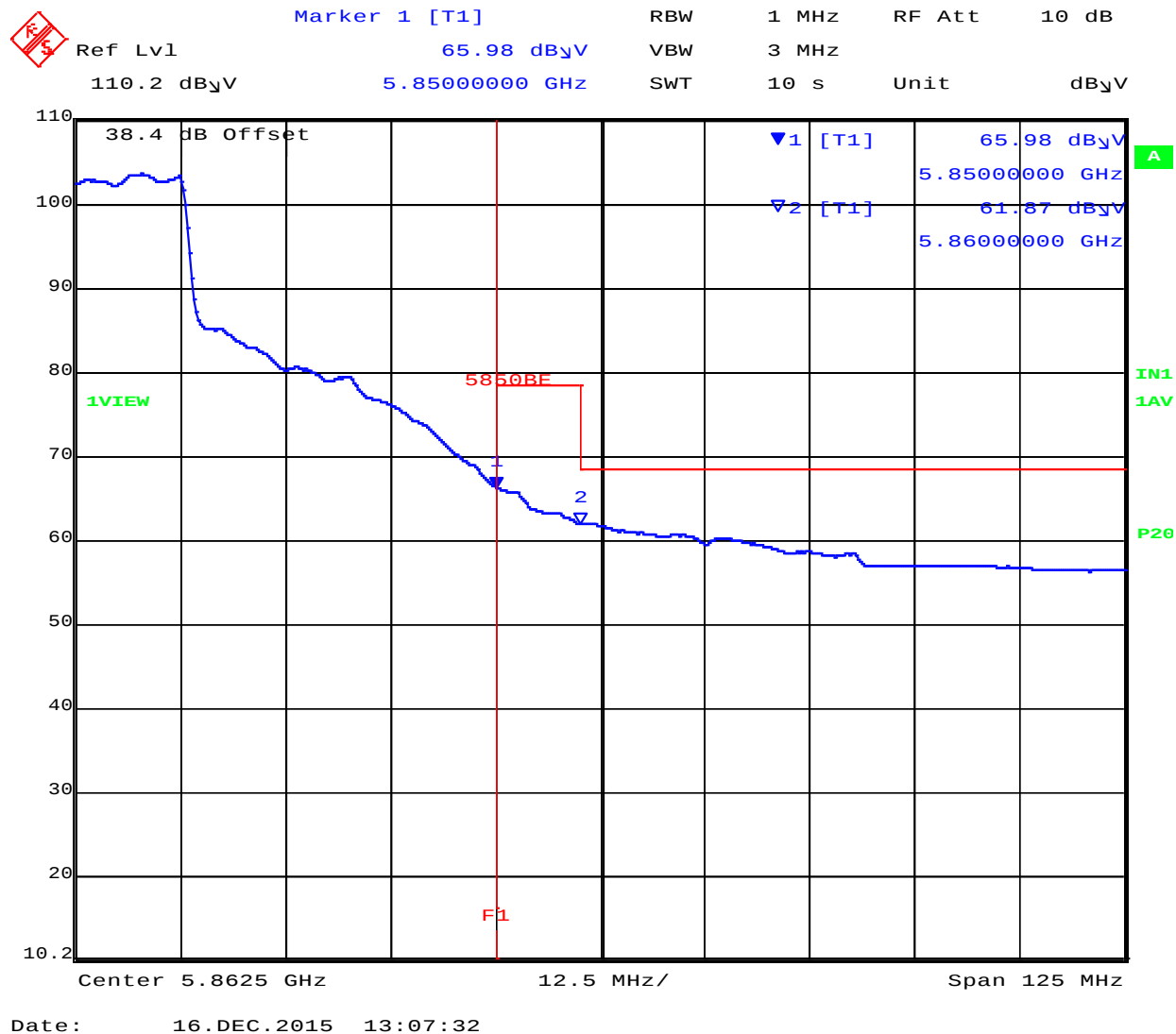
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Aruba Networks APIN0204, APIN0205
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: ARUB206-U5 Rev A
Issue Date: 27th April 2016
Page: 348 of 349

Restricted Band-Edge 5850 MHz

802.11HT-40



This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com