

802.11ac (VHT20) - Channel 120

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3737.5 PK	57.47	74	-16.53	-48.55	-48.59	7.77	-37.79
2	3731.25 AV	38.09	54	-15.91	-69.71	-66.7	7.77	-57.17
3	7465.625 PK	57.19	74	-16.81	-49.36	-48.4	7.77	-38.07
4	7468.75 AV	37.67	54	-16.33	-67.48	-69.5	7.77	-57.59
5	11196.875 PK	58.28	74	-15.72	-46.84	-48.94	7.77	-36.98
6	11203.125 AV	44.34	54	-9.66	-60.46	-63.43	7.77	-50.92
7	16806.25 PK	56.08	74	-17.92	-49.65	-50.29	7.77	-39.18
8	16803.375 AV	45.12	54	-8.88	-60.88	-60.97	7.77	-50.14

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

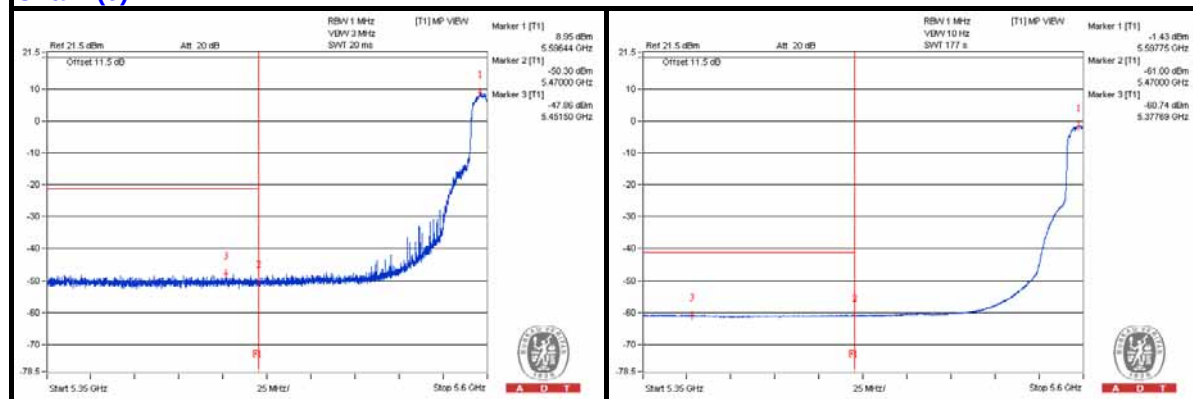
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5456.6875 PK	57.36	74	-16.64	-49.82	-47.78	7.77	-37.9
2	5458.3125 AV	45.24	54	-8.76	-60.97	-60.64	7.77	-50.02

Note :

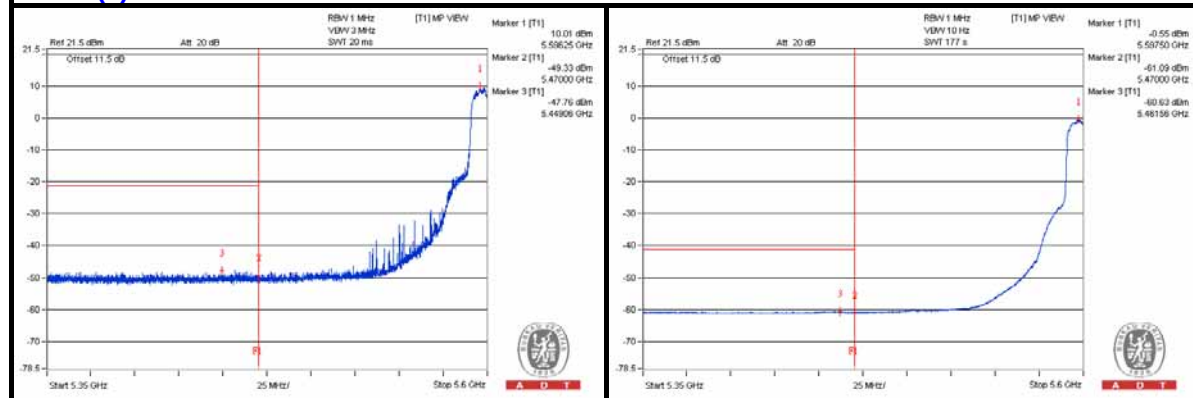
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT20) - Channel 140

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3790.625 PK	56.97	74	-17.03	-48.3	-50	7.77	-38.29
2	3800 AV	40.09	54	-13.91	-69.13	-64.13	7.77	-55.17
3	7590.625 PK	56.88	74	-17.12	-48.83	-49.52	7.77	-38.38
4	7590.625 AV	36.38	54	-17.62	-69.35	-70	7.77	-58.88
5	11400 PK	58.11	74	-15.89	-46.25	-50.7	7.77	-37.15
6	11403.125 AV	42.81	54	-11.19	-61.83	-65.31	7.77	-52.45
7	17090.875 PK	56.78	74	-17.22	-48.26	-50.57	7.77	-38.48
8	17102.375 AV	45.81	54	-8.19	-59.86	-60.63	7.77	-49.45

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

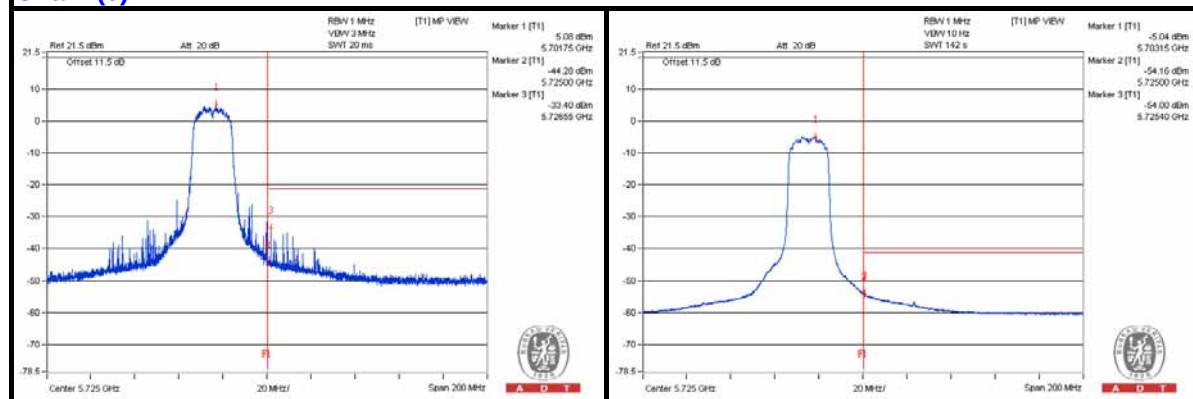
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5729.7 PK	70.46	74	-3.54	-44.04	-32.89	7.77	-24.8
2	5725.1 AV	52.23	54	-1.77	-54.05	-53.59	7.77	-43.03

Note :

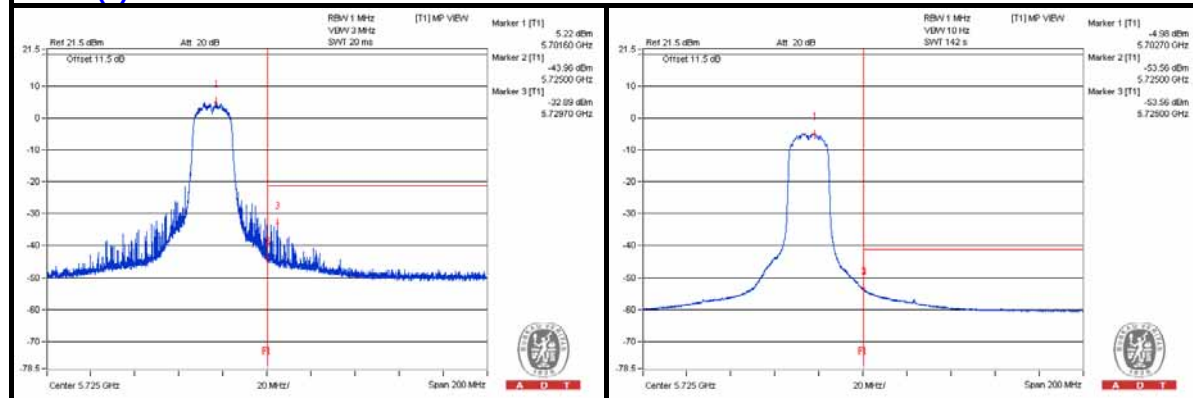
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT20) - Channel 144

Conducted spurious emission table

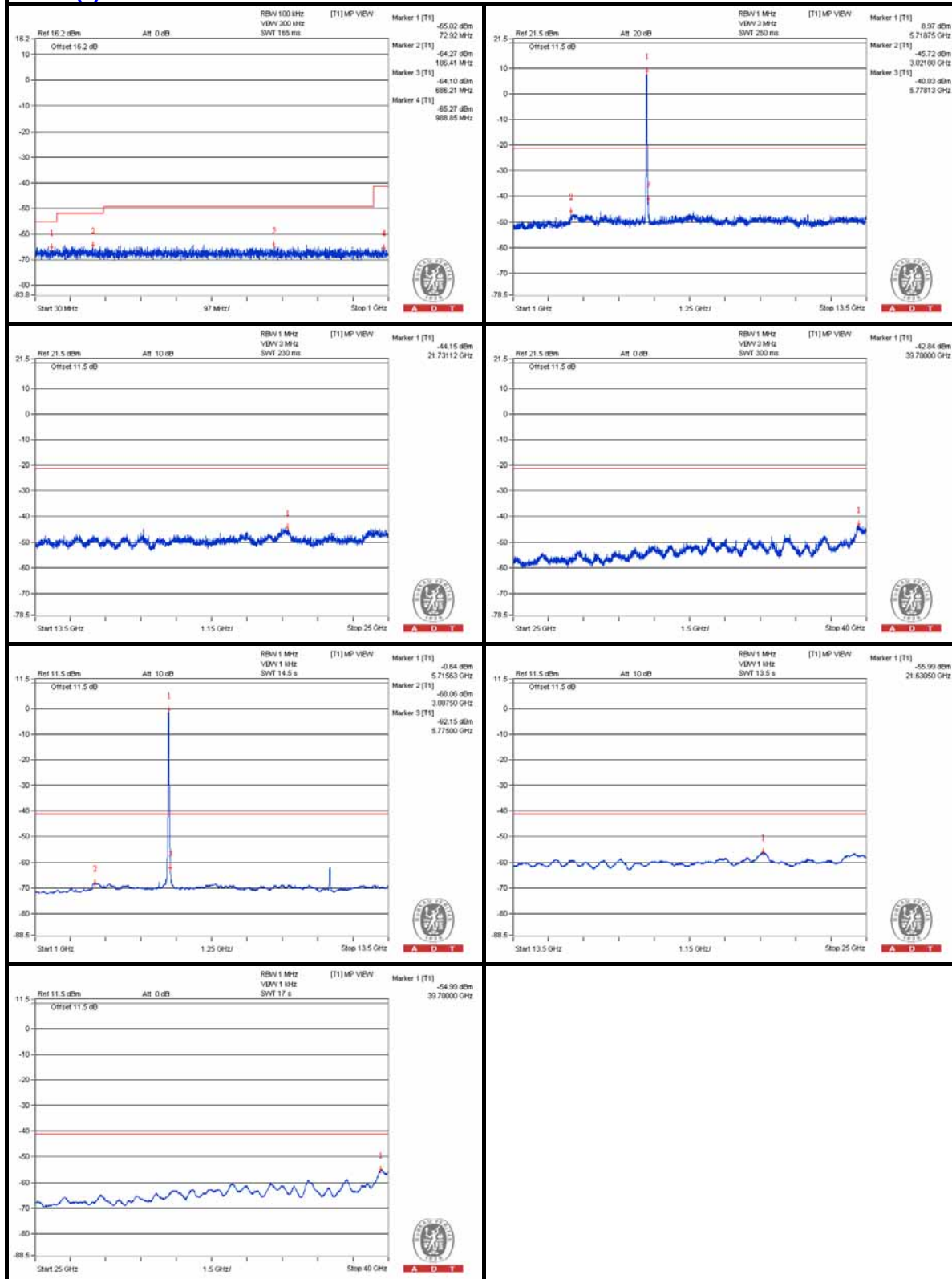
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3812.5 PK	56.69	74	-17.31	-49.91	-48.85	7.77	-38.57
2	3812.5 AV	41.8	54	-12.2	-69.27	-61.97	7.77	-53.46
3	7618.75 PK	56.94	74	-17.06	-50.36	-48.13	7.77	-38.32
4	7621.875 AV	36.27	54	-17.73	-69.76	-69.78	7.77	-58.99
5	11437.5 PK	57.92	74	-16.08	-47.14	-49.4	7.77	-37.34
6	11440.625 AV	42.63	54	-11.37	-62.19	-65.11	7.77	-52.63
7	17154.125 PK	56.7	74	-17.3	-49.37	-49.31	7.77	-38.56
8	17159.875 AV	45.35	54	-8.65	-60.41	-61	7.77	-49.91

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

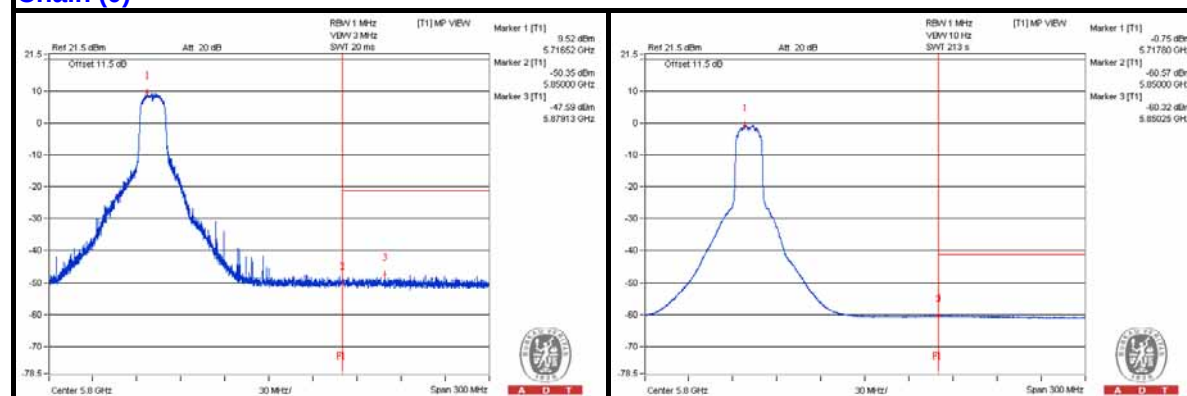
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5876.425 PK	57.35	74	-16.65	-48.26	-49.16	7.77	-37.91
2	5859.625 AV	45.68	54	-8.32	-60.38	-60.35	7.77	-49.58

Note :

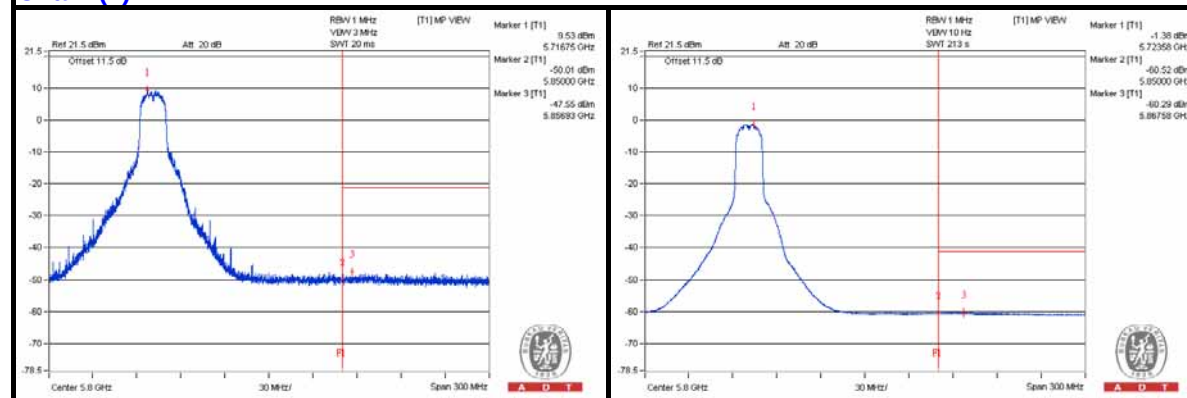
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 38

Conducted spurious emission table

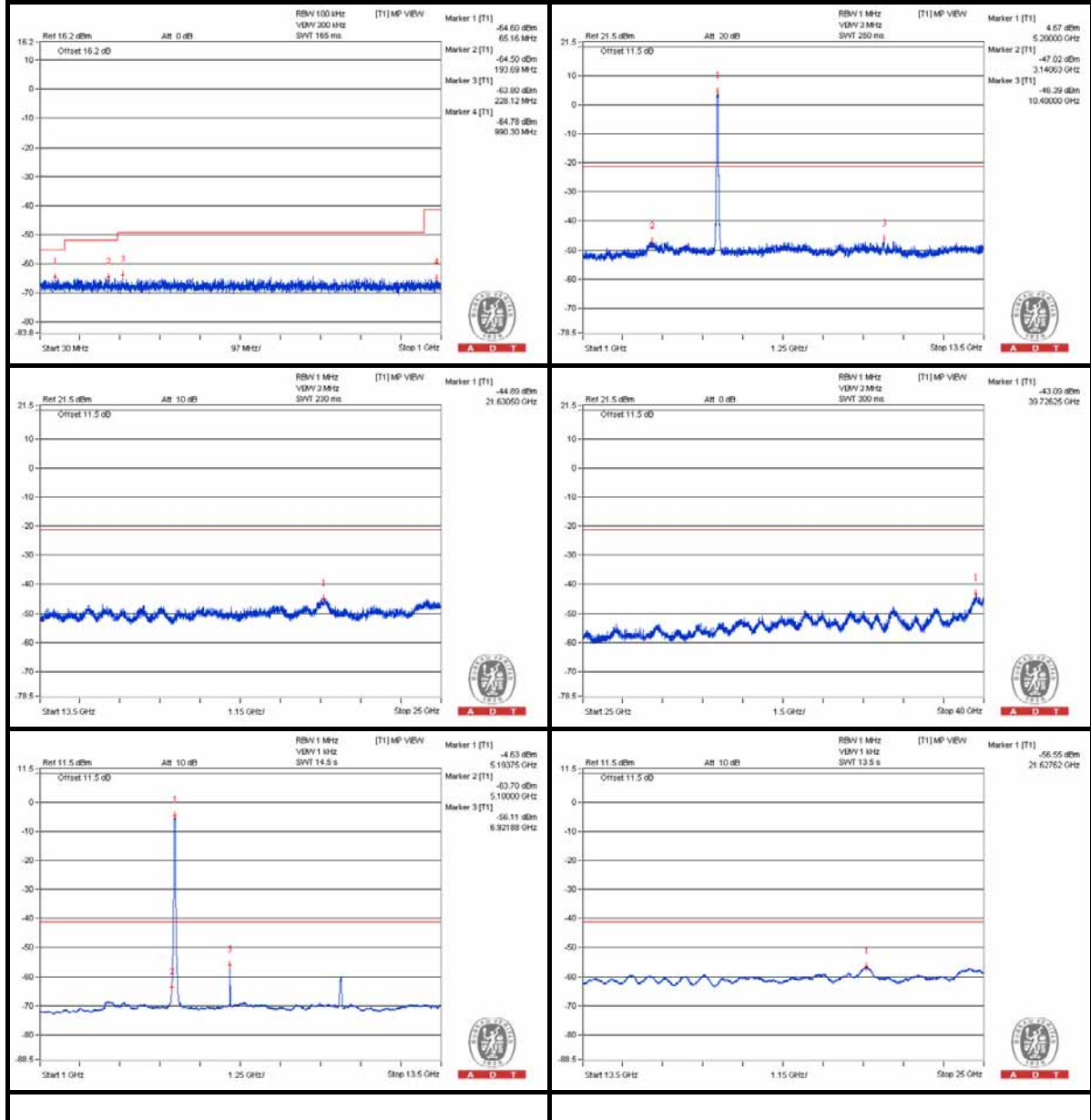
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3459.375 PK	55.32	74	-18.68	-49.1	-48.99	6.09	-39.94
2	3459.375 AV	34.45	54	-19.55	-70.32	-69.53	6.09	-60.81
3	6921.875 PK	55.8	74	-18.2	-48.14	-49.03	6.09	-39.46
4	6921.875 AV	46.21	54	-7.79	-56.11	-62.12	6.09	-49.05
5	10387.5 PK	56.1	74	-17.9	-46.96	-50.11	6.09	-39.16
6	10381.25 AV	42.62	54	-11.38	-60.08	-64.48	6.09	-52.64
7	15567.125 PK	54.04	74	-19.96	-51.36	-49.49	6.09	-41.22
8	15567.125 AV	43.16	54	-10.84	-61.09	-61.32	6.09	-52.1

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

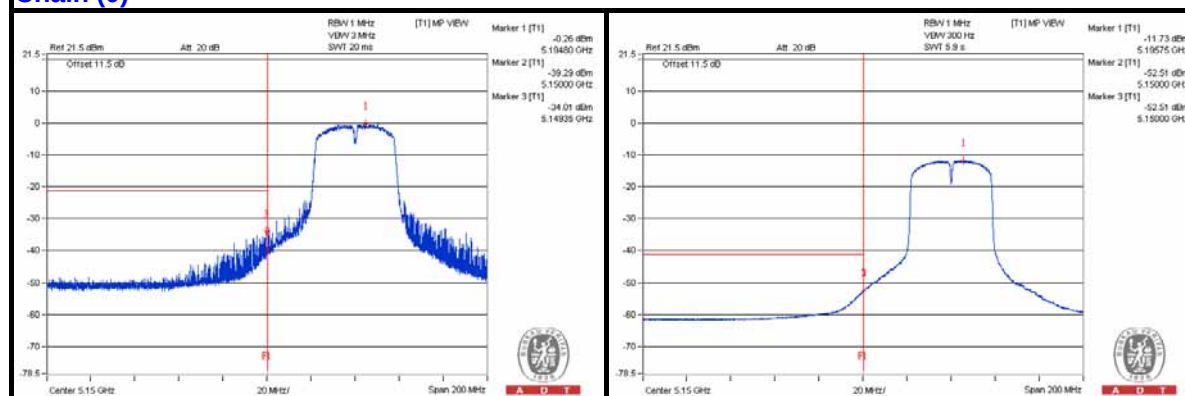
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5149.85 PK	68.85	74	-5.15	-40.14	-33.32	6.09	-26.41
2	5150 AV	52.46	54	-1.54	-52.51	-51.37	6.09	-42.8

Note :

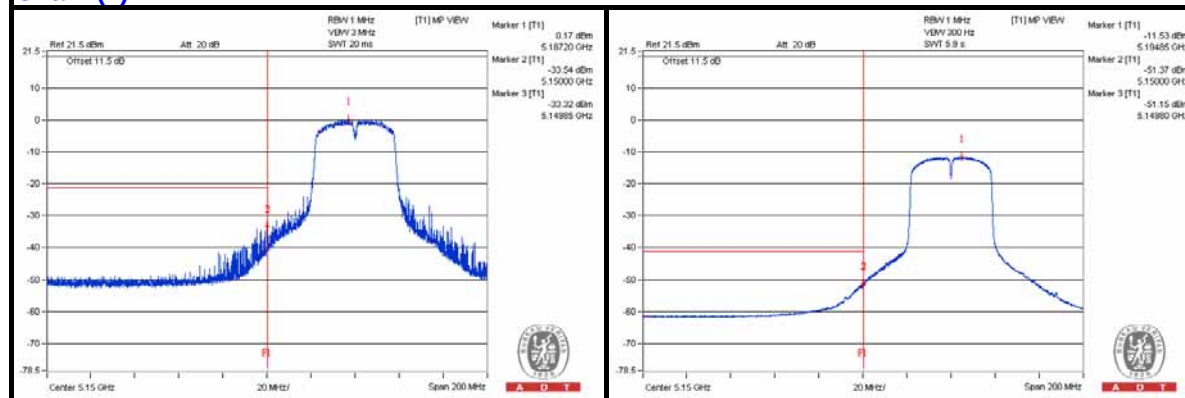
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 46

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3487.5 PK	55.01	74	-18.99	-49.52	-49.18	6.09	-40.25
2	3487.5 AV	34.15	54	-19.85	-70.33	-70.1	6.09	-61.11
3	6975 PK	55.31	74	-18.69	-48.78	-49.33	6.09	-39.95
4	6975 AV	43.97	54	-10.03	-58.41	-64.13	6.09	-51.29
5	10468.75 PK	56.14	74	-17.86	-47.96	-48.49	6.09	-39.12
6	10462.5 AV	42.38	54	-11.62	-61.84	-62.12	6.09	-52.88
7	15699.375 PK	53.88	74	-20.12	-50.68	-50.29	6.09	-41.38
8	15699.375 AV	42.54	54	-11.46	-61.86	-61.79	6.09	-52.72

Note :

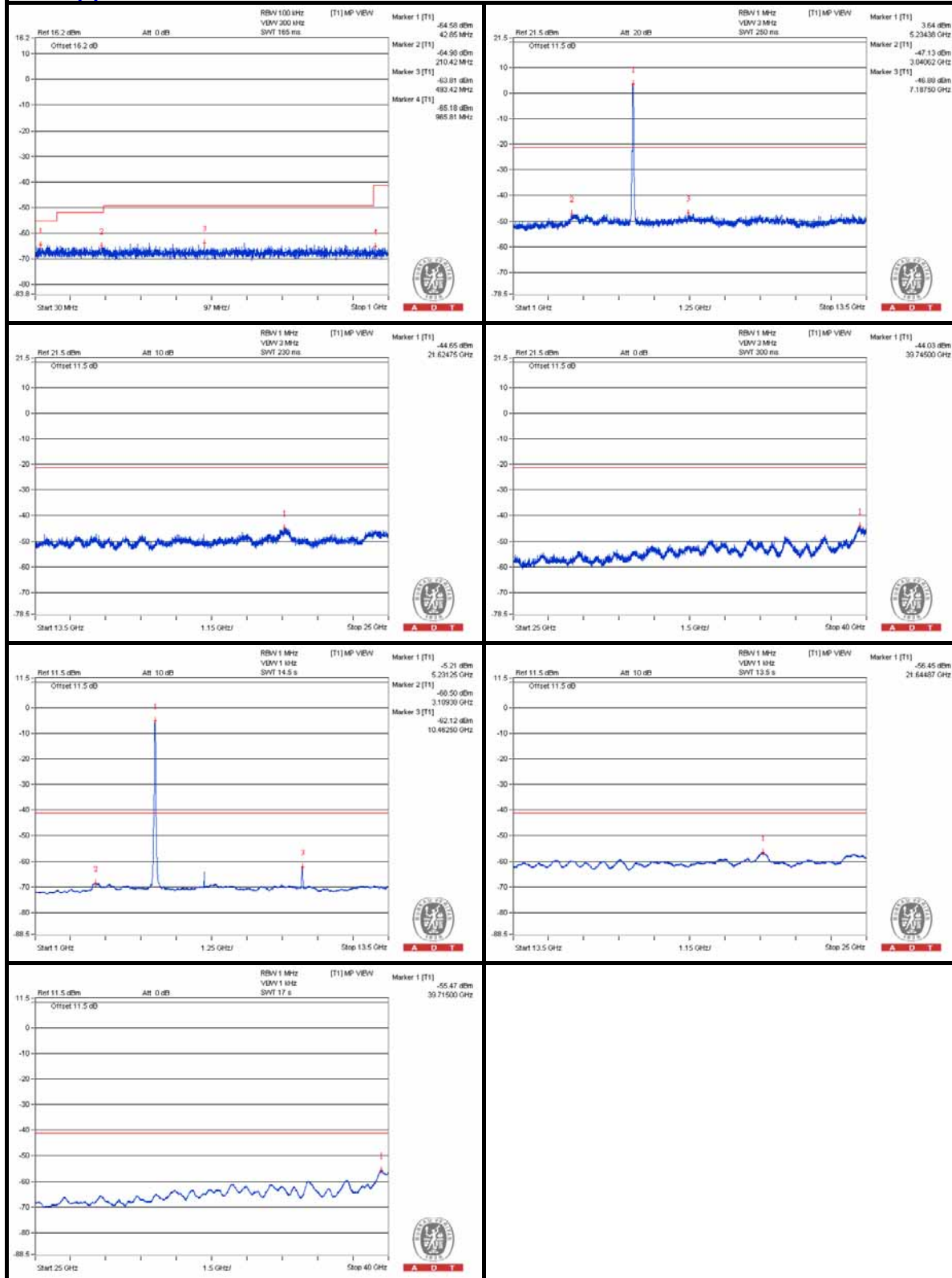
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

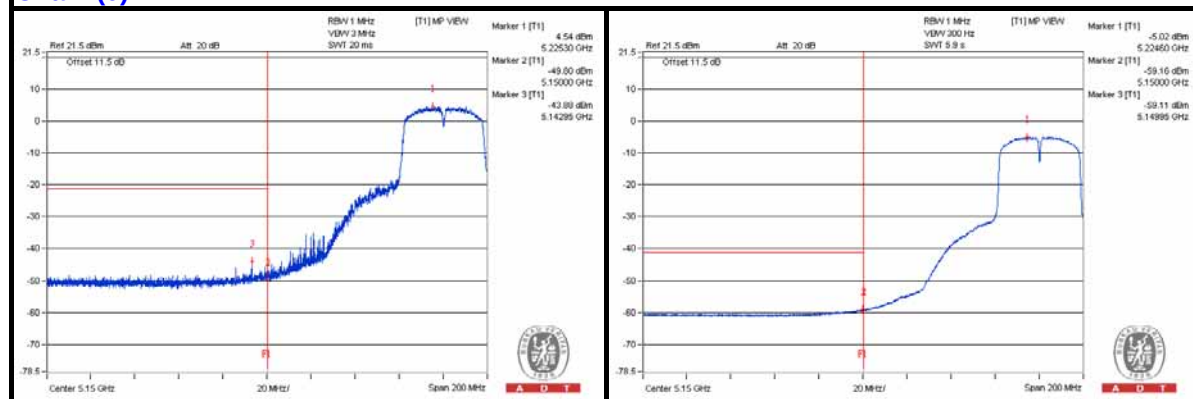
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5148.8 PK	61.22	74	-12.78	-48.47	-40.82	6.09	-34.04
2	5149.95 AV	45.07	54	-8.93	-59.11	-59.47	6.09	-50.19

Note :

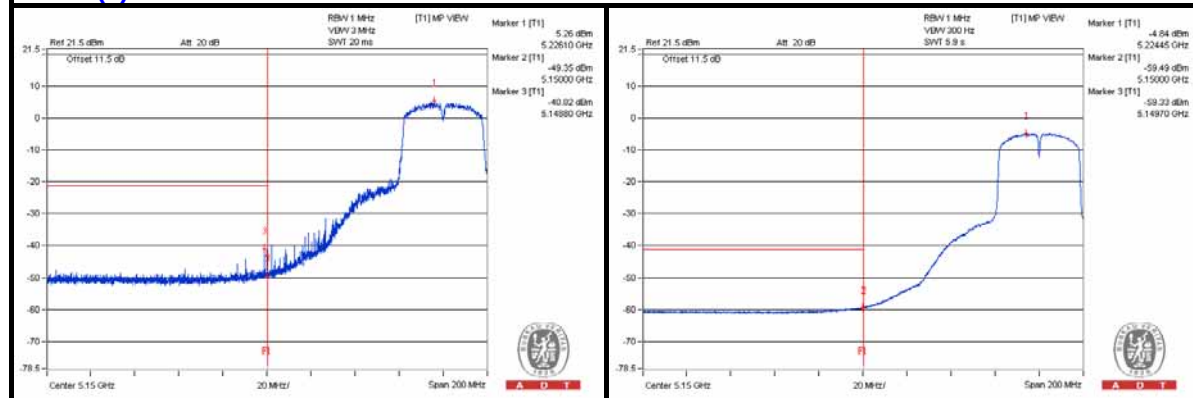
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 54

Conducted spurious emission table

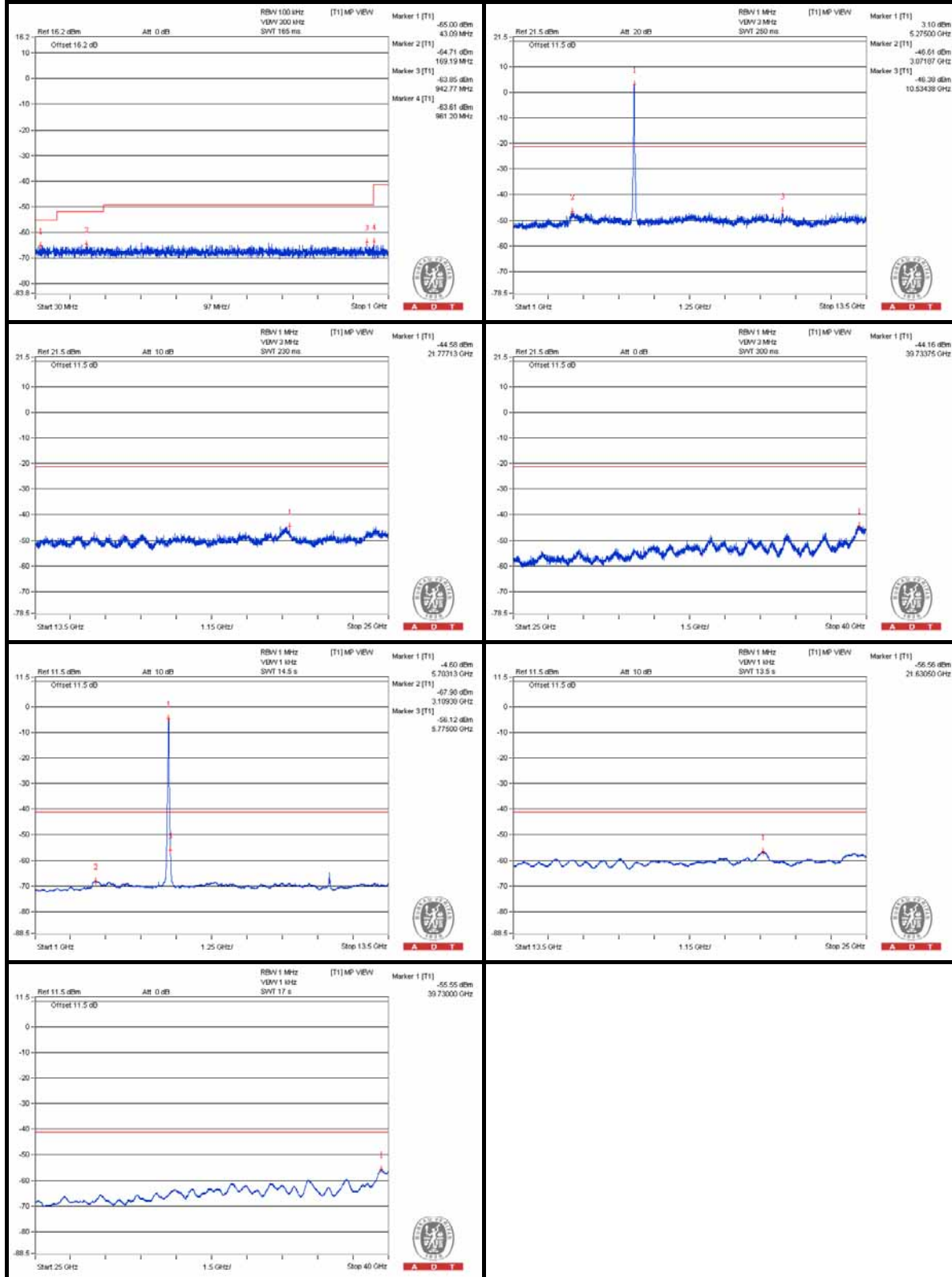
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3518.75 PK	55.69	74	-18.31	-47.84	-49.69	6.09	-39.57
2	3512.5 AV	34.91	54	-19.09	-69.8	-69.12	6.09	-60.35
3	7028.125 PK	54.77	74	-19.23	-49.19	-50.03	6.09	-40.49
4	7028.125 AV	41.41	54	-12.59	-61.1	-66.26	6.09	-53.85
5	10534.375 PK	56.57	74	-17.43	-46.38	-49.88	6.09	-38.69
6	10537.5 AV	41.91	54	-12.09	-61.62	-63.49	6.09	-53.35
7	15808.625 PK	55.14	74	-18.86	-49.42	-49.03	6.09	-40.12
8	15811.5 AV	43.7	54	-10.3	-60.56	-60.76	6.09	-51.56

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

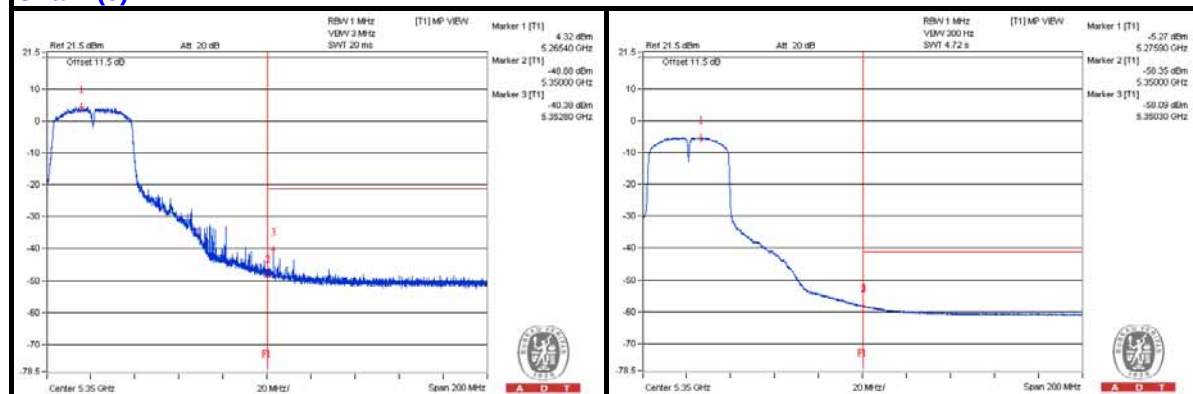
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5112.5 PK	55.56	74	-18.44	-50.73	-47.47	6.09	-39.7
2	5065.6 AV	43.89	54	-10.11	-60.56	-60.38	6.09	-51.37

Note :

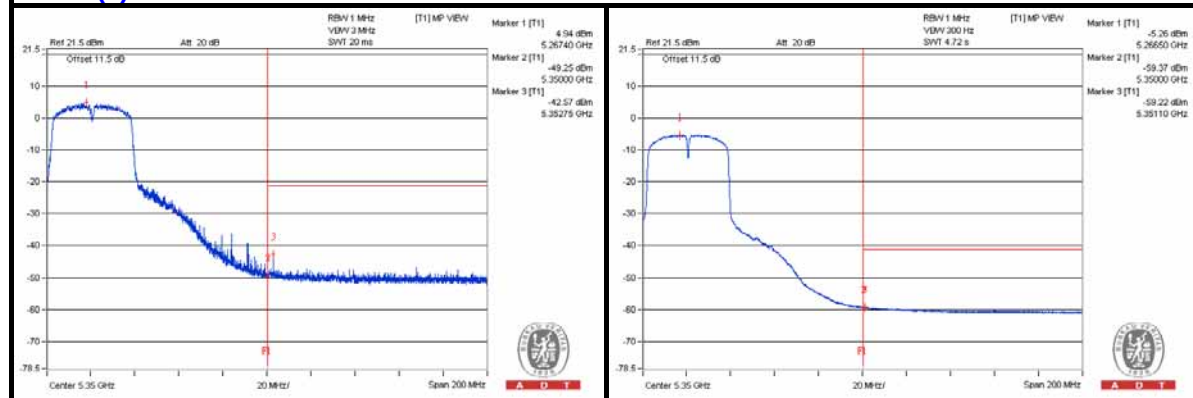
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11n (VHT40) - Channel 62

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3550 PK	55.45	74	-18.55	-48.99	-48.83	6.09	-39.81
2	3546.875 AV	34.93	54	-19.07	-69.38	-69.48	6.09	-60.33
3	7075 PK	55.35	74	-18.65	-48.93	-49.09	6.09	-39.91
4	7081.25 AV	39.19	54	-14.81	-64.2	-66.43	6.09	-56.07
5	10625 PK	56.62	74	-17.38	-46.78	-48.97	6.09	-38.64
6	10615.625 AV	41.27	54	-12.73	-61.31	-66.16	6.09	-53.99
7	15923.625 PK	54.29	74	-19.71	-49.7	-50.47	6.09	-40.97
8	15932.25 AV	43.11	54	-10.89	-61.18	-61.33	6.09	-52.15

Note :

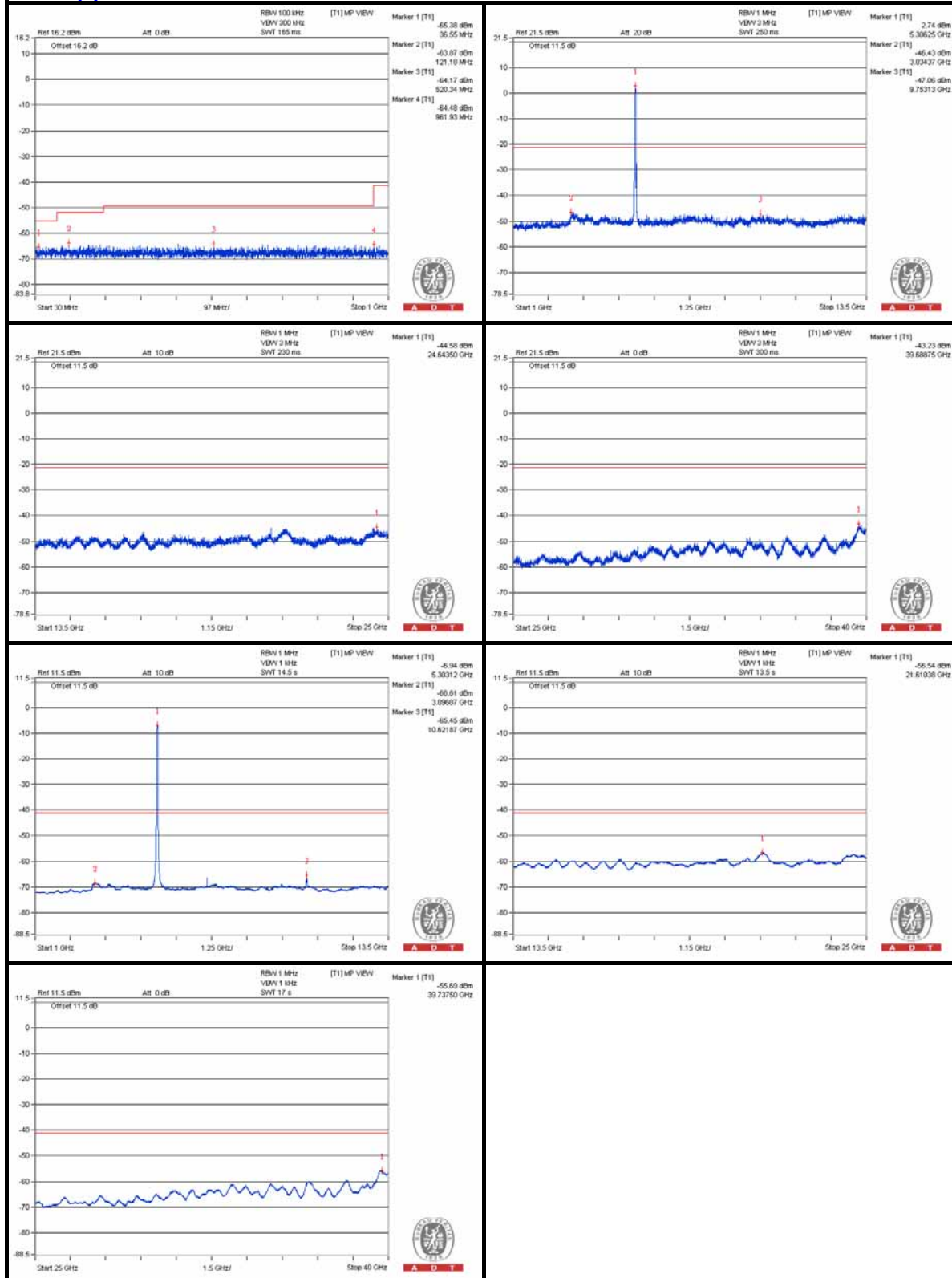
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

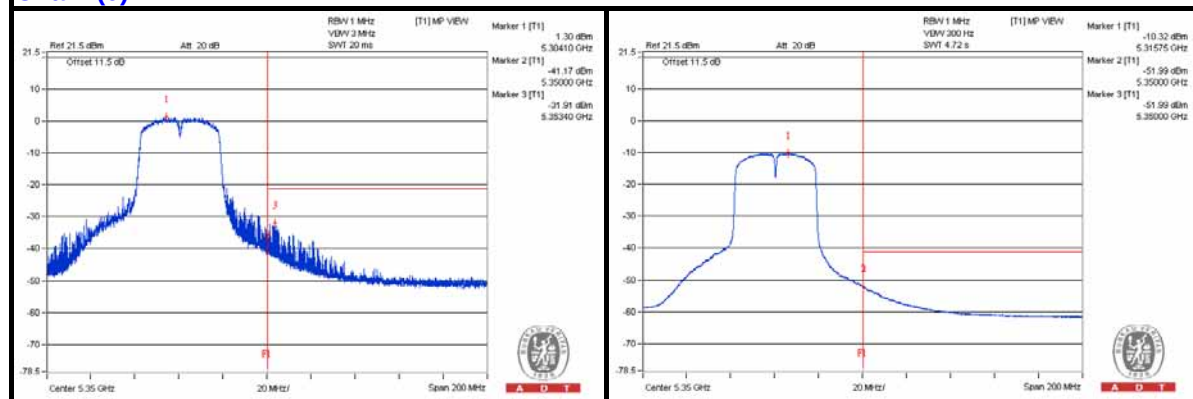
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5350.1 PK	70.83	74	-3.17	-41.31	-30.9	6.09	-24.43
2	5350 AV	52.03	54	-1.97	-51.99	-52.69	6.09	-43.23

Note :

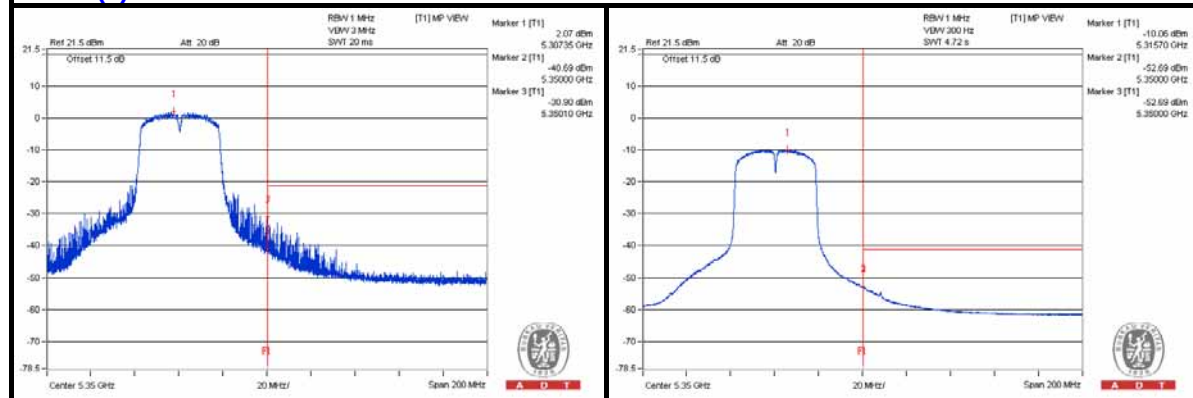
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 102

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3681.25 PK	57.38	74	-16.62	-48.74	-48.58	7.77	-37.88
2	3671.875 AV	37.64	54	-16.36	-69.63	-67.45	7.77	-57.62
3	7340.625 PK	57.89	74	-16.11	-48.56	-47.77	7.77	-37.37
4	7346.875 AV	37.75	54	-16.25	-67.67	-69.01	7.77	-57.51
5	11021.875 PK	57.86	74	-16.14	-47.84	-48.54	7.77	-37.4
6	11012.5 AV	45.75	54	-8.25	-57.69	-67.74	7.77	-49.51
7	16530.25 PK	56.05	74	-17.95	-49.71	-50.29	7.77	-39.21
8	16530.25 AV	44.81	54	-9.19	-61.29	-61.17	7.77	-50.45

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

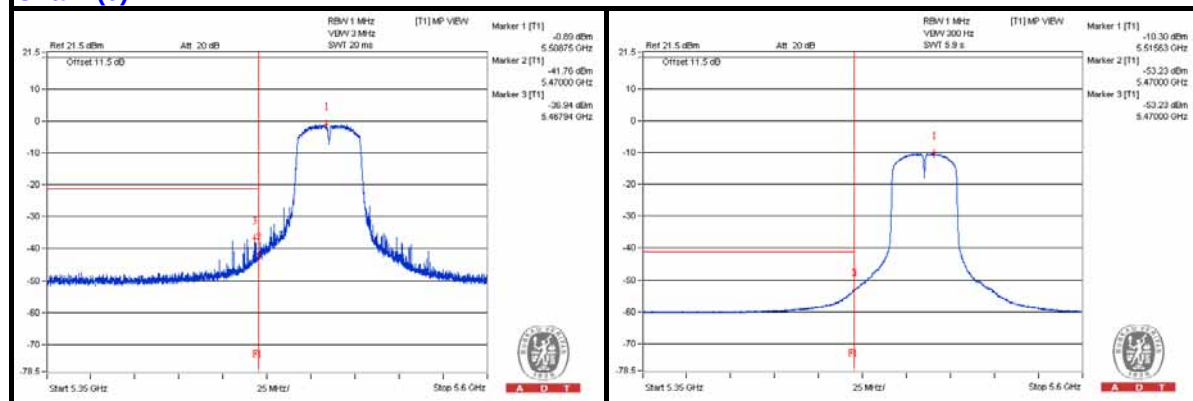
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5468 PK	68.58	74	-5.42	-42.5	-35.19	7.77	-26.68
2	5469.875 AV	52.31	54	-1.69	-53.29	-54.22	7.77	-42.95

Note :

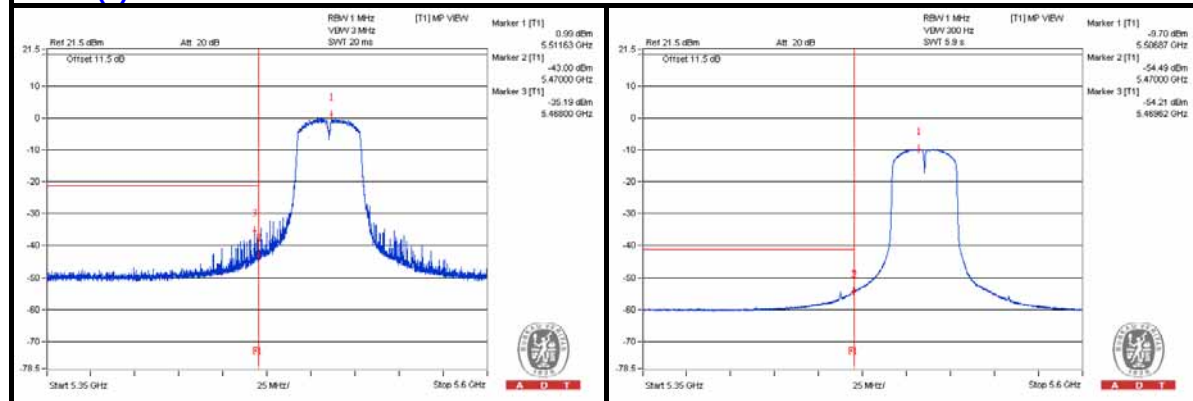
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 118

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3725 PK	57.05	74	-16.95	-49.04	-48.94	7.77	-38.21
2	3725 AV	37.8	54	-16.2	-69.86	-67.07	7.77	-57.46
3	7446.875 PK	57.33	74	-16.67	-48.26	-49.21	7.77	-37.93
4	7453.125 AV	37.57	54	-16.43	-67.54	-69.65	7.77	-57.69
5	11181.25 PK	57.07	74	-16.93	-48.28	-49.8	7.77	-38.19
6	11181.25 AV	42.77	54	-11.23	-62.29	-64.53	7.77	-52.49
7	16766 PK	55.55	74	-18.45	-51.48	-49.69	7.77	-39.71
8	16777.5 AV	44.39	54	-9.61	-61.59	-61.71	7.77	-50.87

Note :

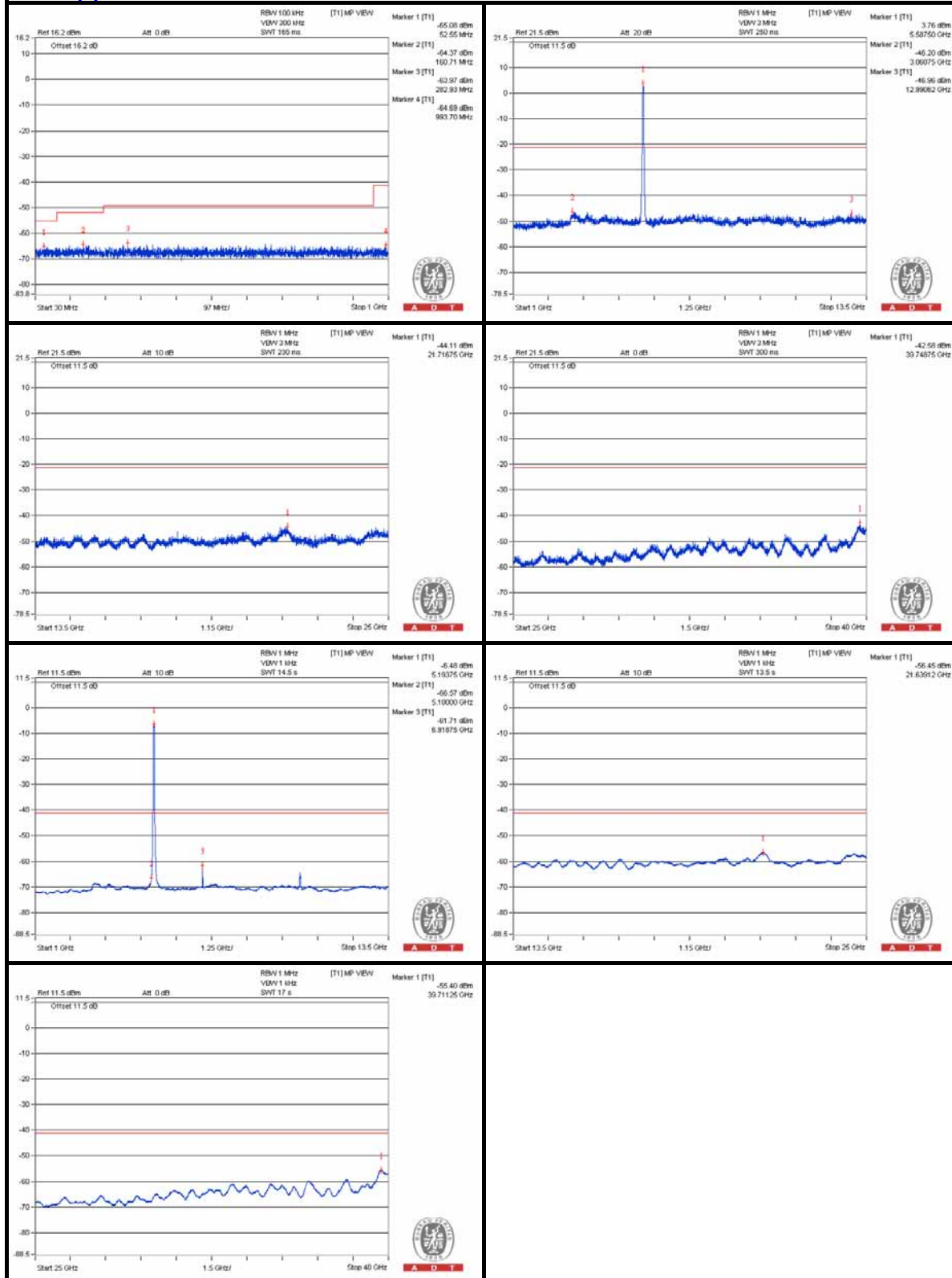
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

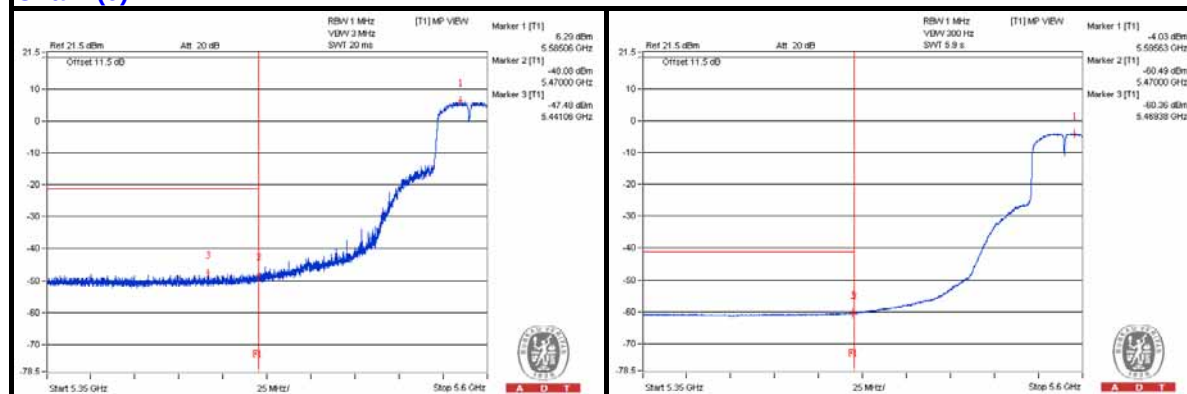
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5406.4375 PK	57.33	74	-16.67	-50.02	-47.7	7.77	-37.93
2	5469.375 AV	45.43	54	-8.57	-60.36	-60.88	7.77	-49.83

Note :

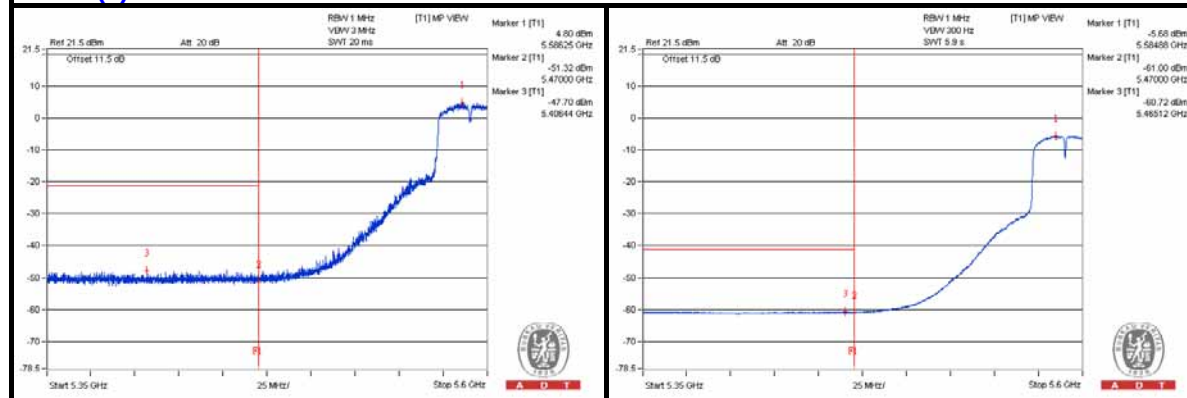
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 134

Conducted spurious emission table

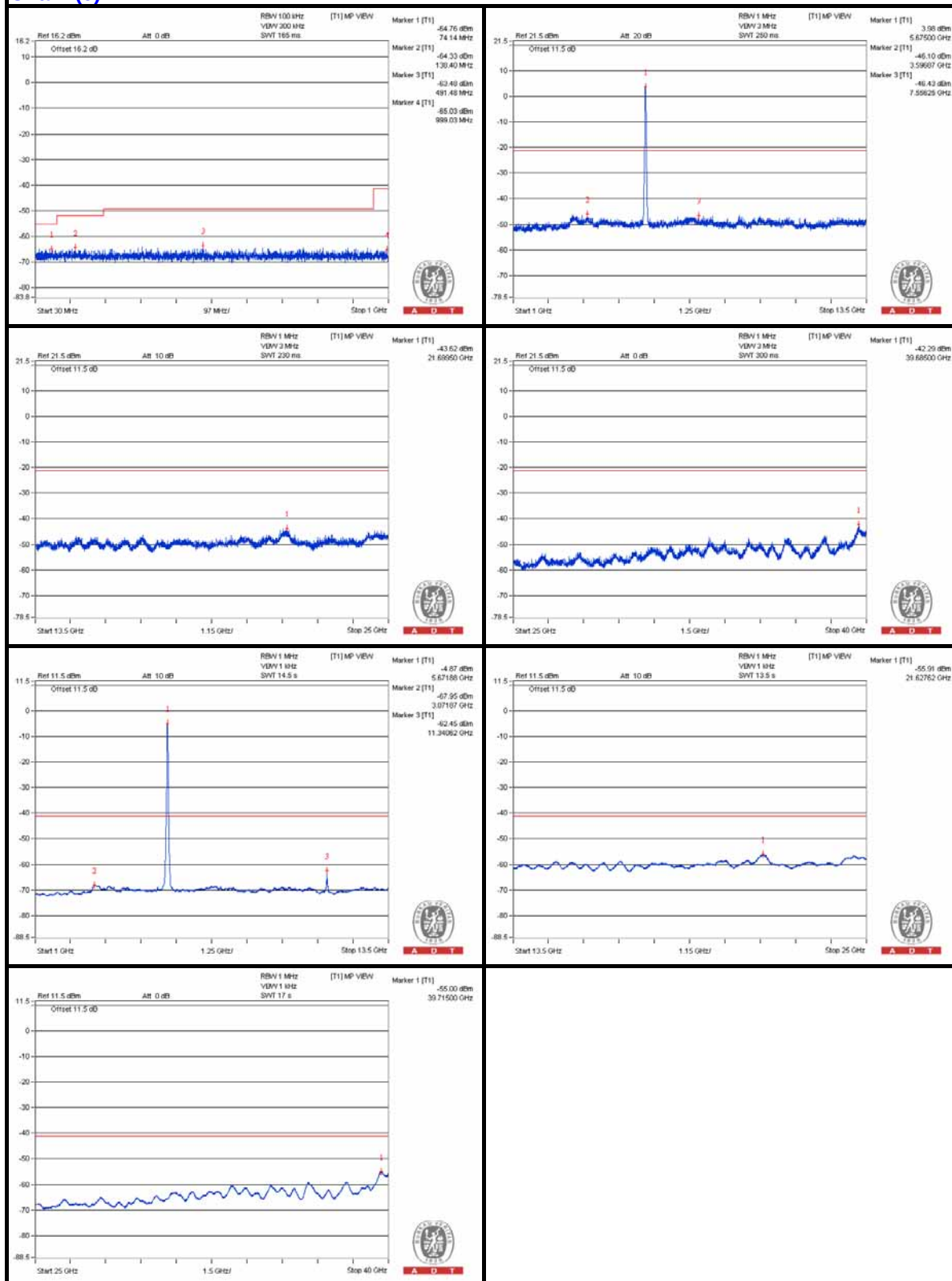
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3775 PK	57.25	74	-16.75	-48.38	-49.25	7.77	-38.01
2	3778.125 AV	41.58	54	-12.42	-68.79	-62.34	7.77	-53.68
3	7556.25 PK	58.14	74	-15.86	-46.43	-50.15	7.77	-37.12
4	7559.375 AV	36.89	54	-17.11	-68.44	-70	7.77	-58.37
5	11337.5 PK	56.84	74	-17.16	-48.02	-50.82	7.77	-38.42
6	11340.625 AV	42.26	54	-11.74	-62.45	-65.7	7.77	-53
7	17019 PK	58.05	74	-15.95	-47.87	-48.11	7.77	-37.21
8	17007.5 AV	46.72	54	-7.28	-59.05	-59.61	7.77	-48.54

Note :

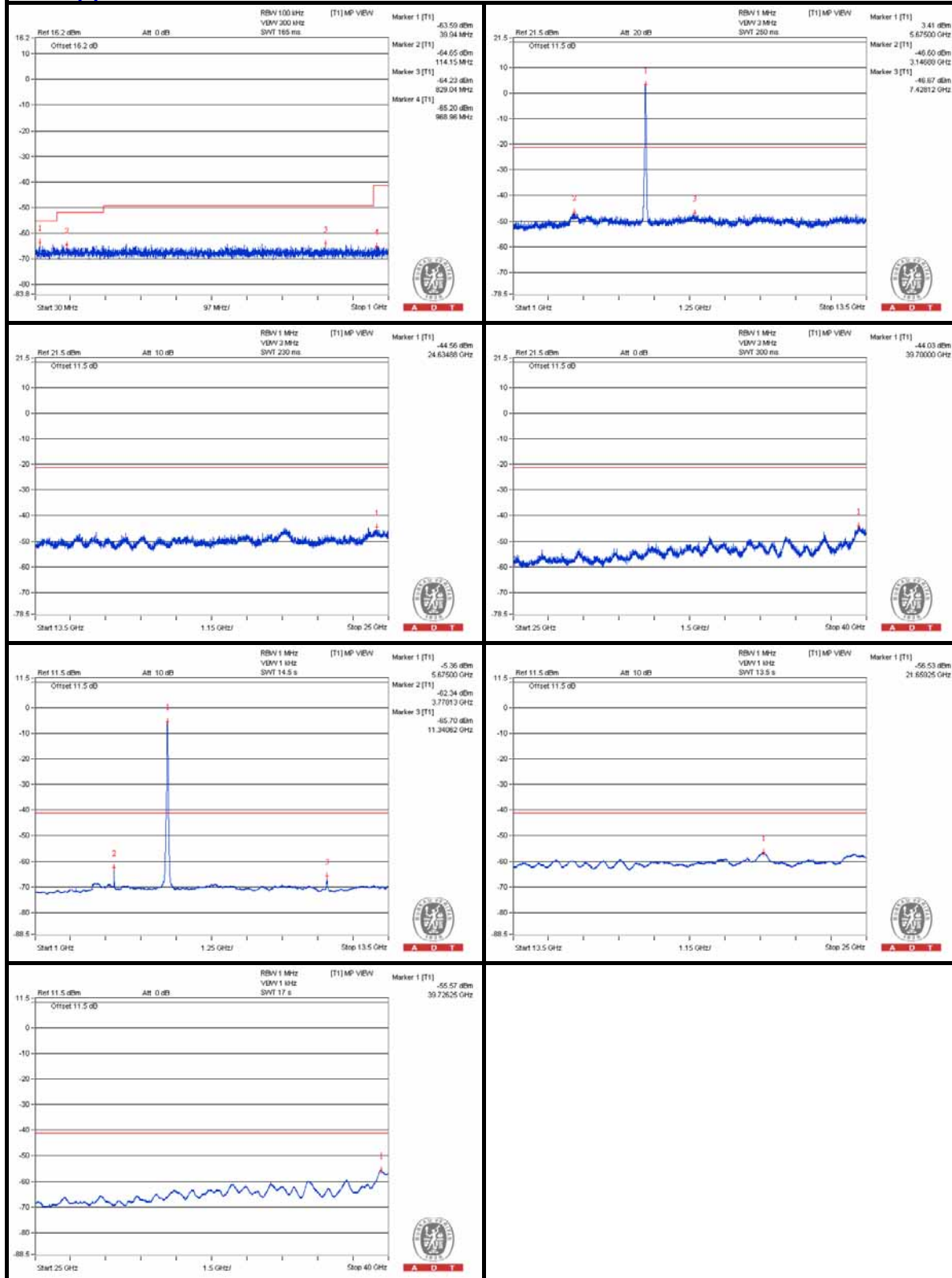
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

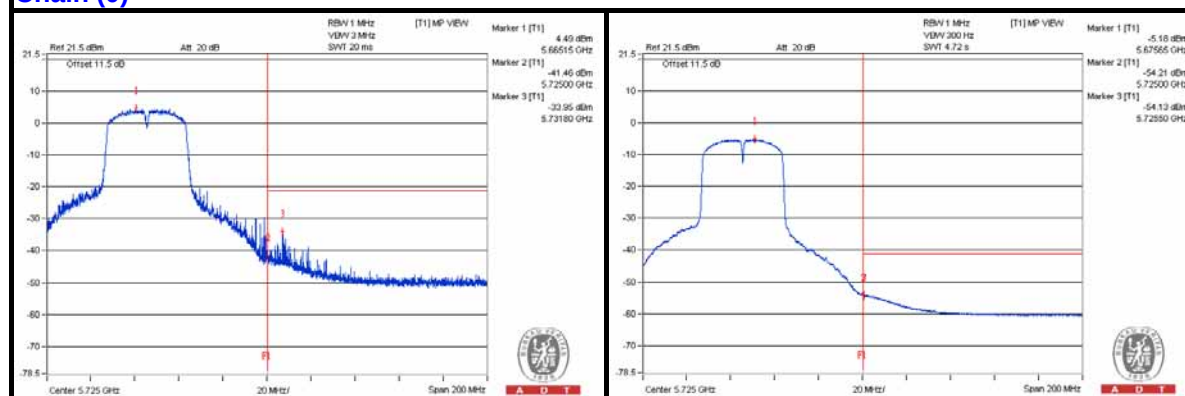
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5731.8 PK	69.59	74	-4.41	-33.95	-42.99	7.77	-25.67
2	5725.3 AV	51.89	54	-2.11	-54.22	-54.09	7.77	-43.37

Note :

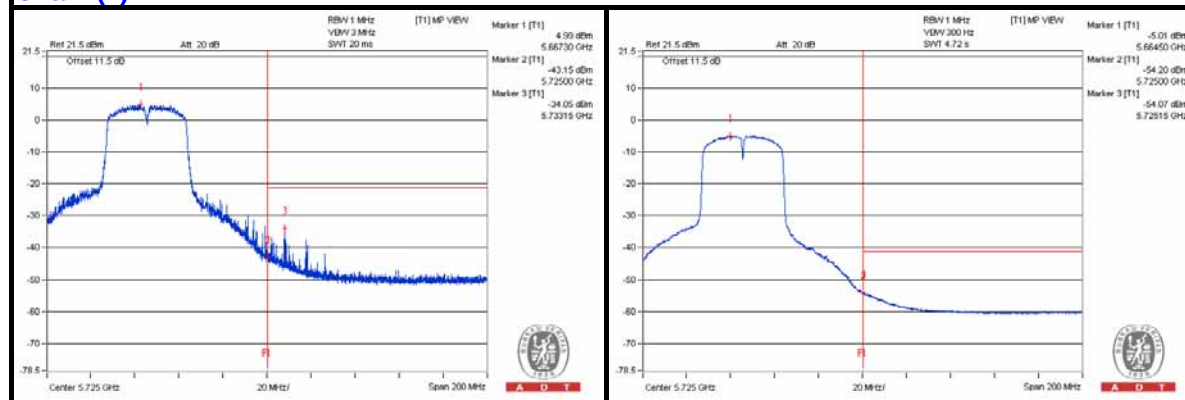
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT40) - Channel 142

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3815.625 PK	56.92	74	-17.08	-48.77	-49.51	7.77	-38.34
2	3806.25 AV	41.8	54	-12.2	-69.31	-61.97	7.77	-53.46
3	7606.25 PK	58.01	74	-15.99	-48.77	-47.39	7.77	-37.25
4	7615.625 AV	36.53	54	-17.47	-69.17	-69.87	7.77	-58.73
5	11428.125 PK	57.21	74	-16.79	-47.51	-50.74	7.77	-38.05
6	11421.875 AV	40.48	54	-13.52	-64.66	-66.69	7.77	-54.78
7	17136.875 PK	56.84	74	-17.16	-48.38	-50.21	7.77	-38.42
8	17128.25 AV	45.34	54	-8.66	-60.61	-60.79	7.77	-49.92

Note :

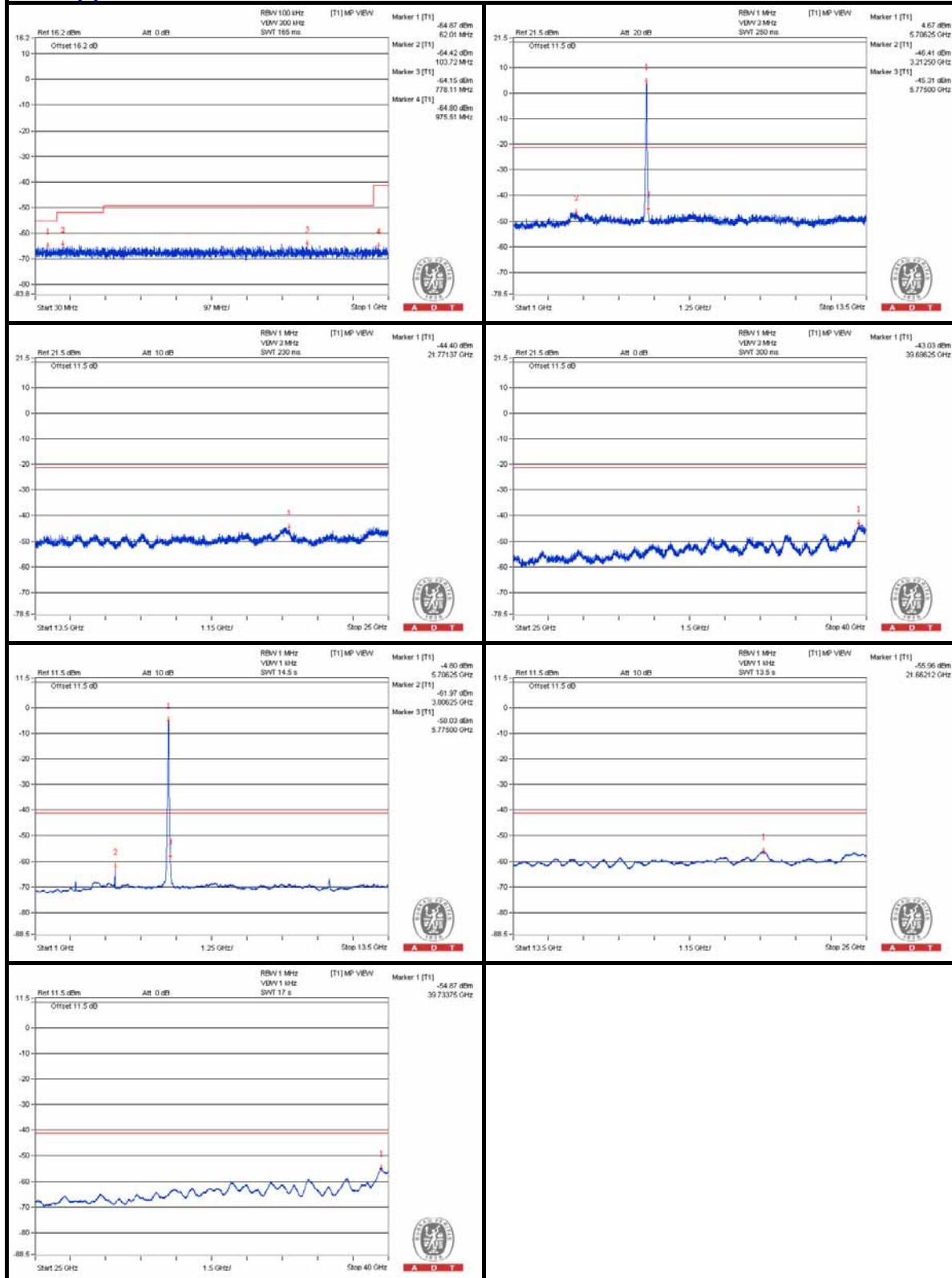
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

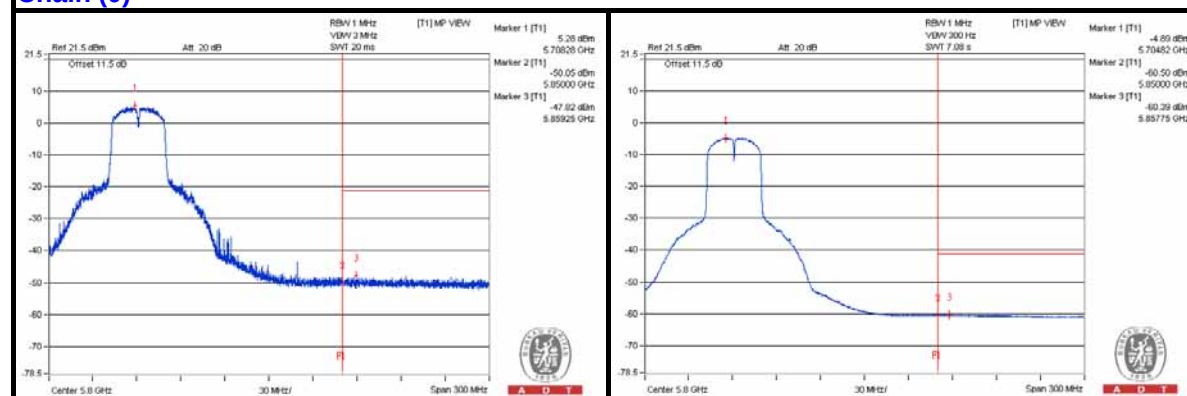
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5856.025 PK	57.27	74	-16.73	-48.49	-49.08	7.77	-37.99
2	5851.975 AV	45.67	54	-8.33	-60.44	-60.31	7.77	-49.59

Note :

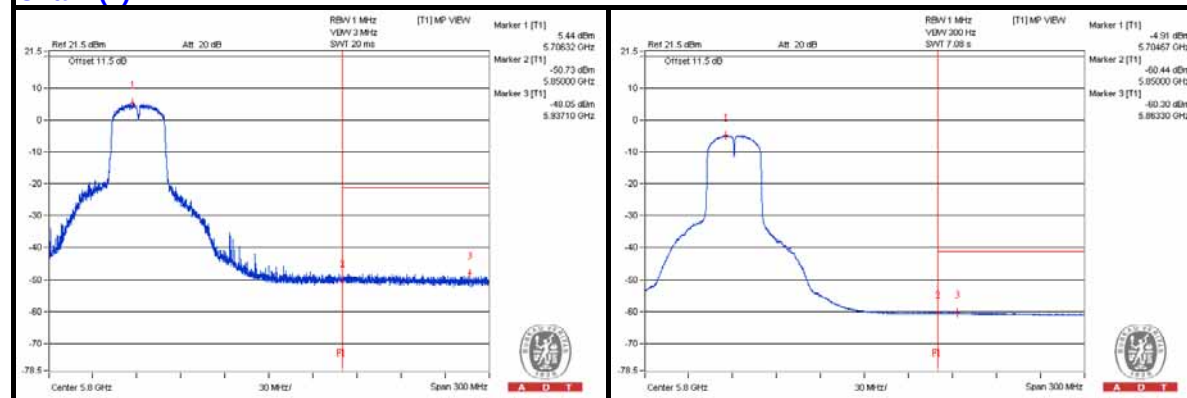
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



802.11ac (VHT80) - Channel 42

Conducted spurious emission table

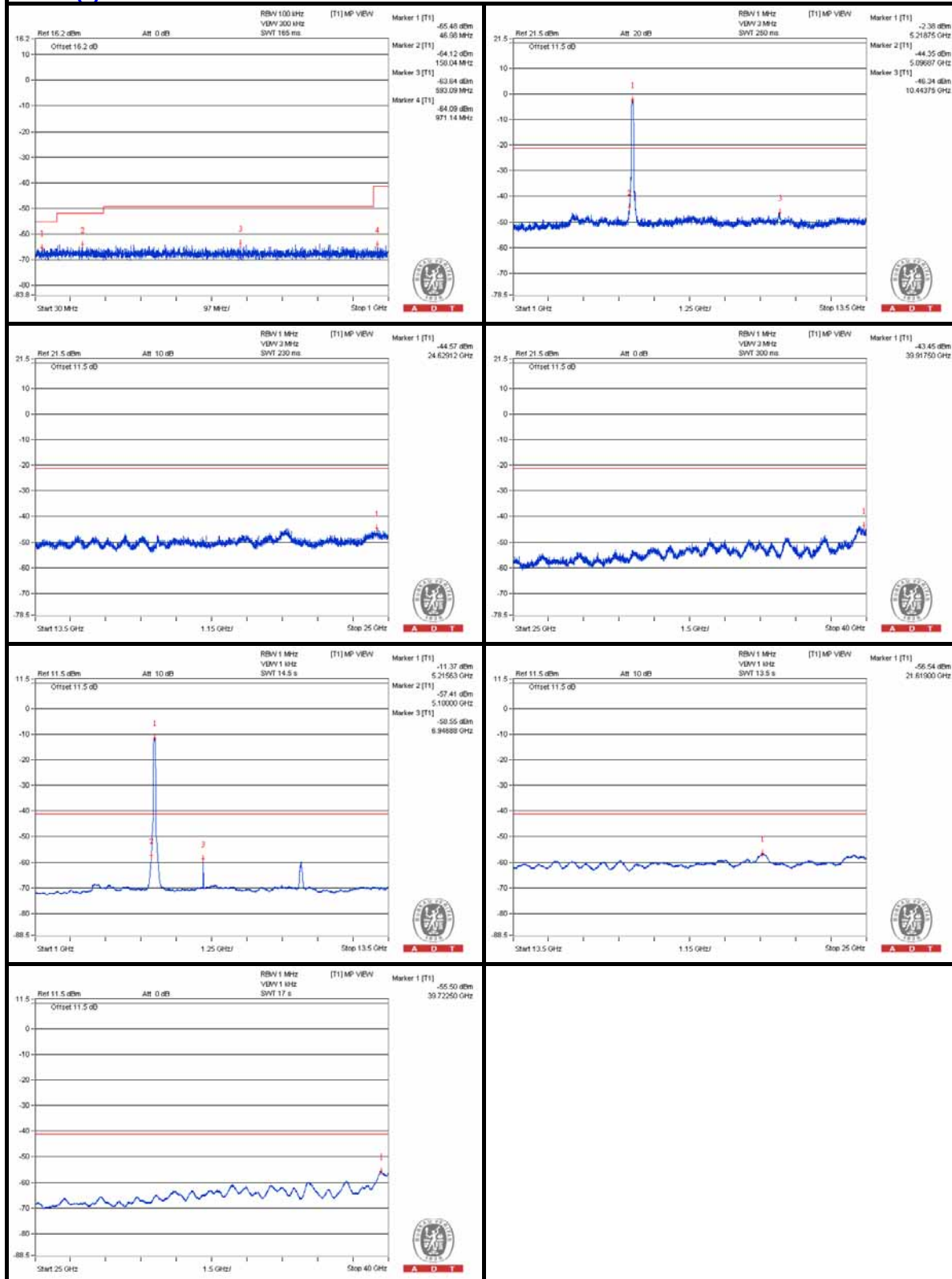
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3471.875 PK	56.79	74	-17.21	-48.64	-49.97	7.77	-38.47
2	3471.875 AV	35.98	54	-18.02	-70.34	-69.8	7.77	-59.28
3	6946.875 PK	56.54	74	-17.46	-48.73	-50.43	7.77	-38.72
4	6946.875 AV	45.89	54	-8.11	-58.55	-62.71	7.77	-49.37
5	10415.625 PK	58.15	74	-15.85	-46.42	-50.12	7.77	-37.11
6	10421.875 AV	44.27	54	-9.73	-59.49	-66.89	7.77	-50.99
7	15621.75 PK	55.11	74	-18.89	-51.48	-50.45	7.77	-40.15
8	15639 AV	44.2	54	-9.8	-61.87	-61.81	7.77	-51.06

Note :

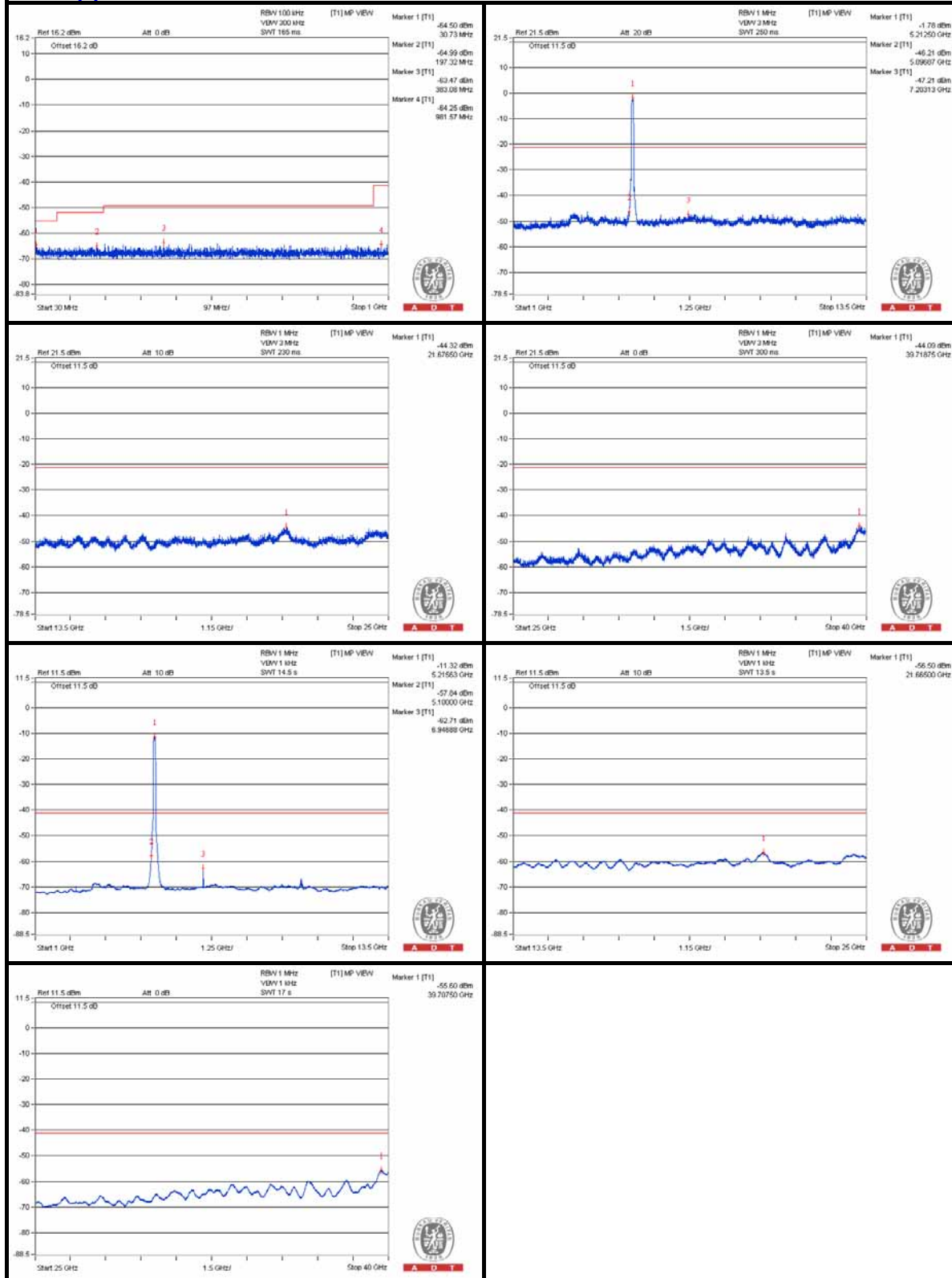
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5146.85 PK	66.86	74	-7.14	-39.95	-35.95	6.09	-28.4
2	5148.2 AV	53.36	54	* -0.64	-50.04	-52.23	6.09	-41.9

Note :

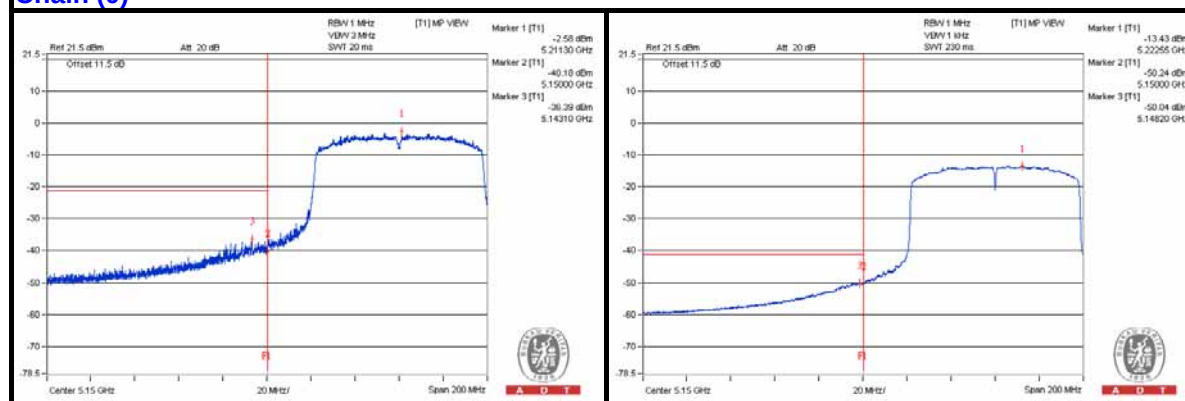
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

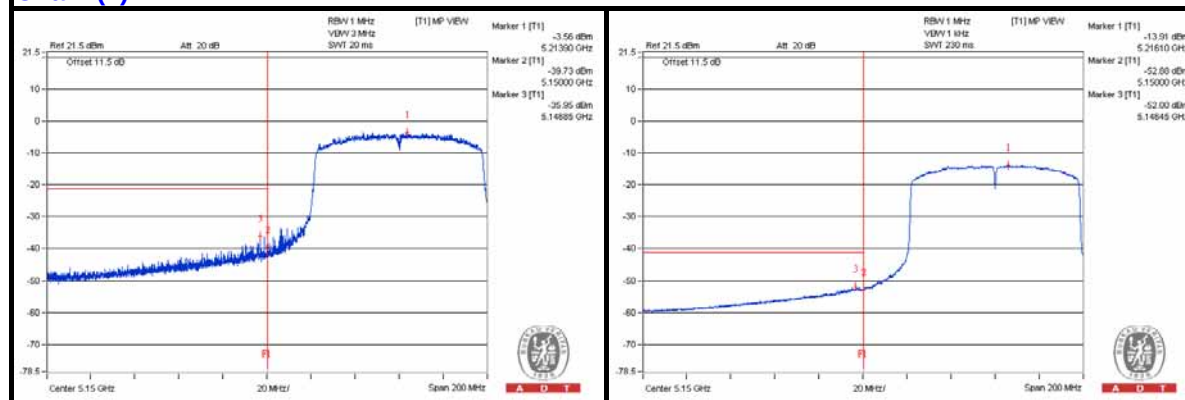
* The unwanted emission was verified and the test result was passed by radiated measurement.

(Please refer APPENDIX A)

Chain (0)



Chain (1)



802.11ac (VHT80) - Channel 58

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3525 PK	56.77	74	-17.23	-48.79	-49.81	7.77	-38.49
2	3525 AV	36.71	54	-17.29	-69.54	-69.13	7.77	-58.55
3	7050 PK	57.39	74	-16.61	-48.27	-49.07	7.77	-37.87
4	7053.125 AV	41.37	54	-12.63	-63.73	-65.88	7.77	-53.89
5	10581.25 PK	56.93	74	-17.07	-48.57	-49.73	7.77	-38.33
6	10581.25 AV	42.22	54	-11.78	-61.85	-67.54	7.77	-53.04
7	15866.125 PK	56.55	74	-17.45	-49.63	-49.36	7.77	-38.71
8	15863.25 AV	45.43	54	-8.57	-60.87	-60.37	7.77	-49.83

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5350.65 PK	67.56	74	-6.44	-39.19	-35.27	6.09	-27.7
2	5350.15 AV	52.99	54	* -1.01	-50.2	-52.97	6.09	-42.27

Note :

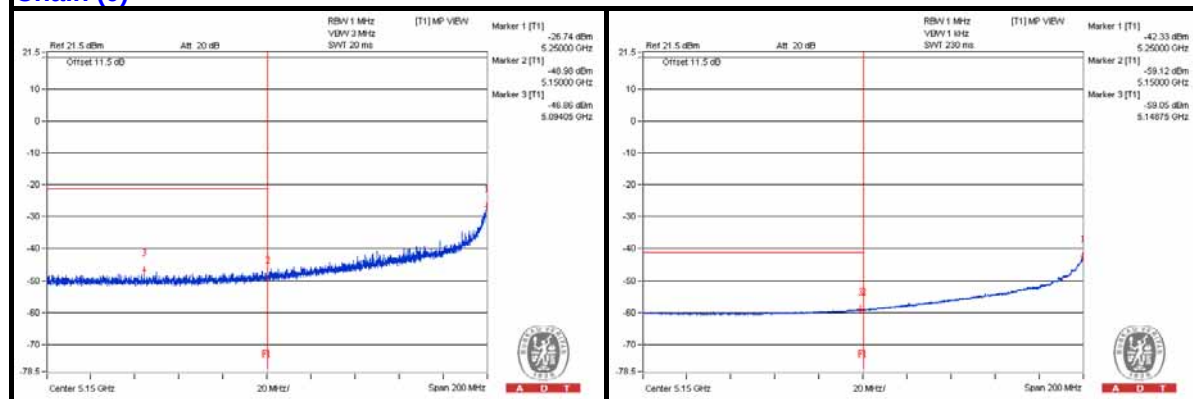
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

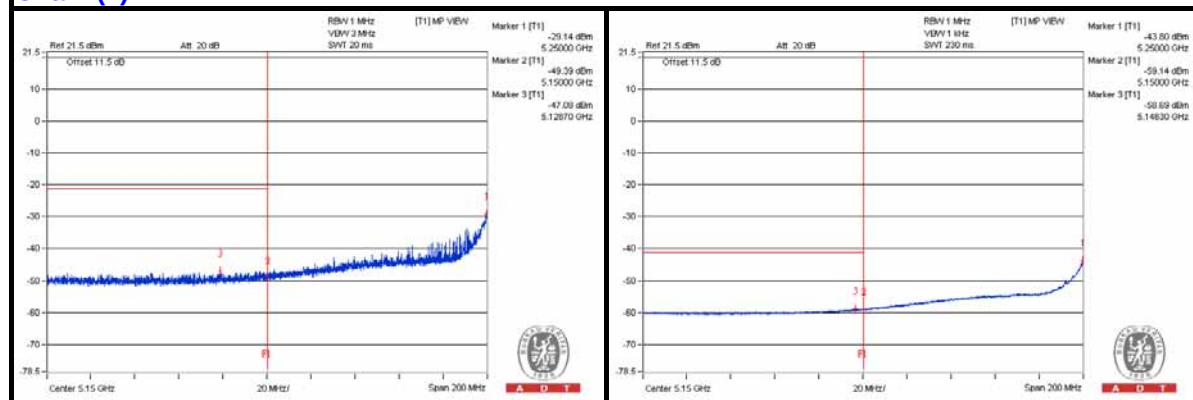
* The unwanted emission was verified and the test result was passed by radiated measurement.

(Please refer APPENDIX A)

Chain (0)



Chain (1)



802.11ac (VHT80) - Channel 106

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3681.25 PK	57.47	74	-16.53	-49.34	-47.91	7.77	-37.79
2	3687.5 AV	37.12	54	-16.88	-69.61	-68.33	7.77	-58.14
3	7371.875 PK	58.06	74	-15.94	-47.24	-48.88	7.77	-37.2
4	7375 AV	37.88	54	-16.12	-67.41	-69.08	7.77	-57.38
5	11053.125 PK	56.54	74	-17.46	-47.81	-52.3	7.77	-38.72
6	11062.5 AV	42.68	54	-11.32	-61.49	-66.73	7.77	-52.58
7	16587.75 PK	55.08	74	-18.92	-50.29	-51.75	7.77	-40.18
8	16584.875 AV	44.22	54	-9.78	-61.65	-61.99	7.77	-51.04

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5470 PK	68.87	74	-5.13	-41.17	-35.13	7.77	-26.39
2	5468.3125 AV	52.93	54	* -1.07	-52.14	-54.36	7.77	-42.33

Note :

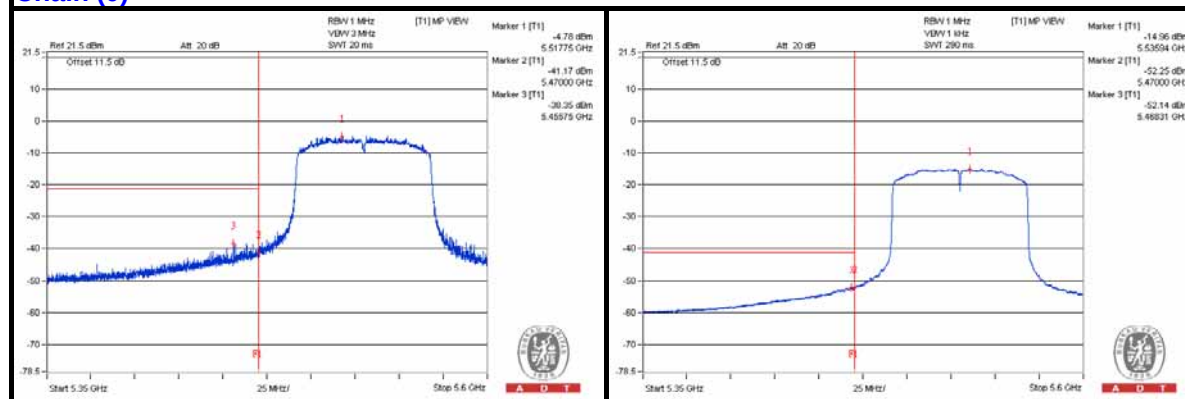
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

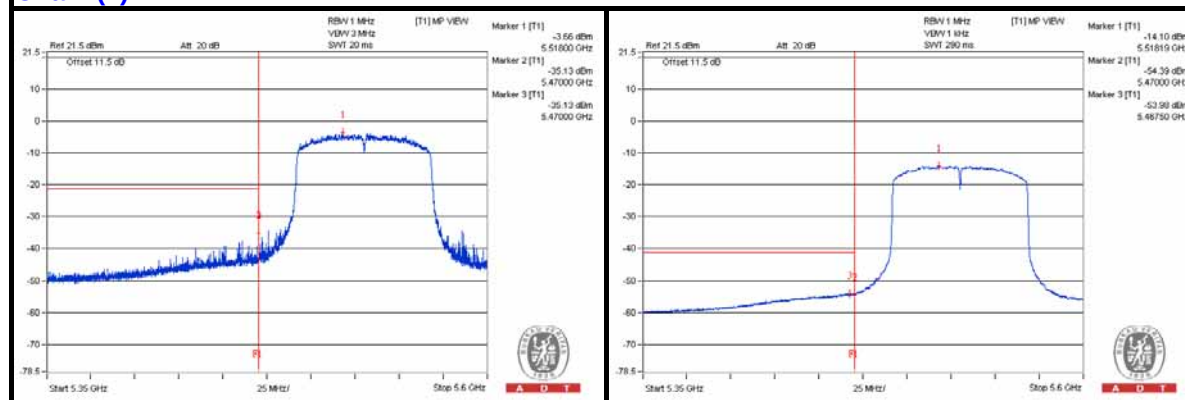
* The unwanted emission was verified and the test result was passed by radiated measurement.

(Please refer APPENDIX A)

Chain (0)



Chain (1)



802.11ac (VHT80) - Channel 122

Conducted spurious emission table

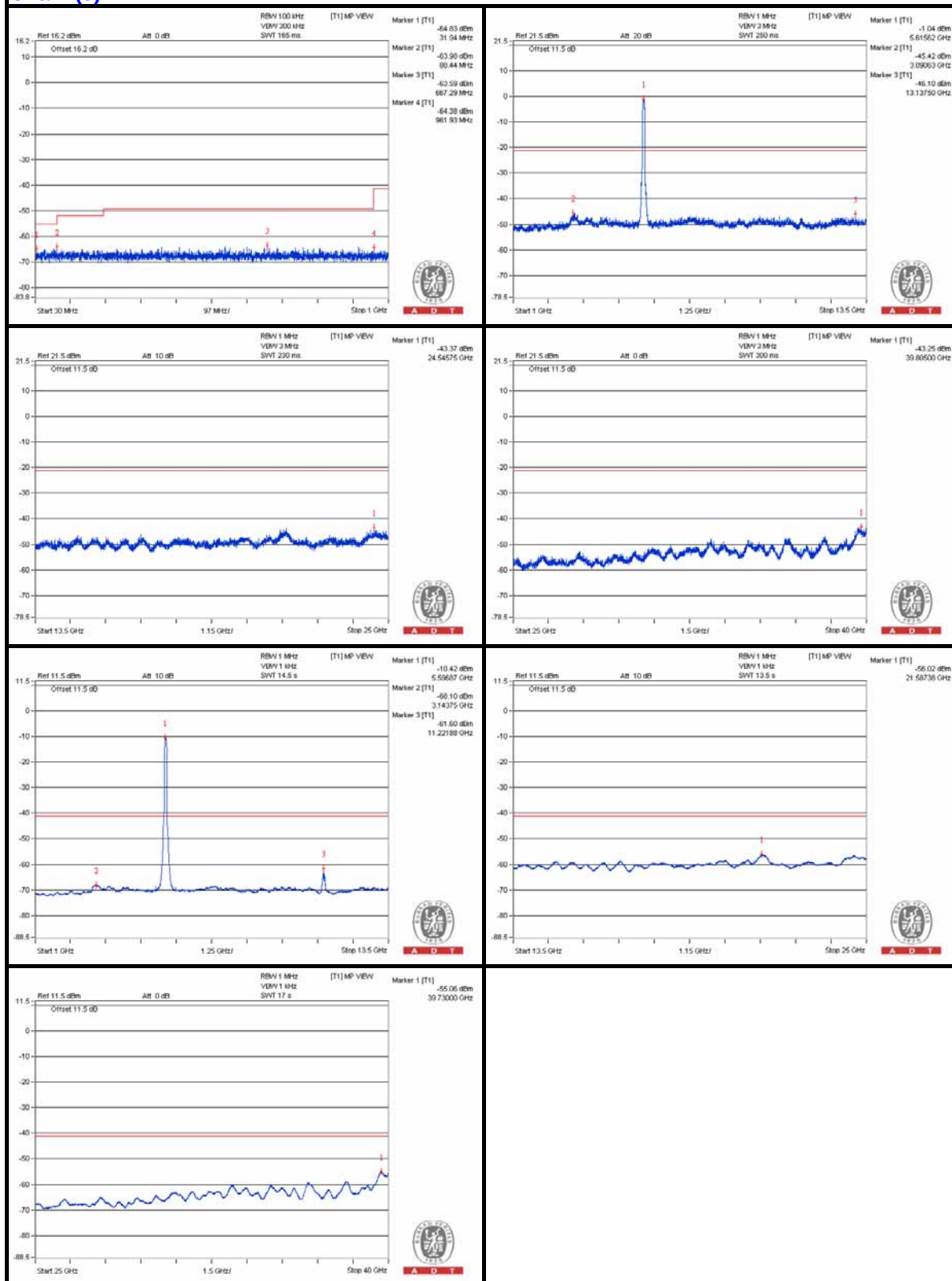
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3740.625 PK	57.31	74	-16.69	-48.53	-48.95	7.77	-37.95
2	3740.625 AV	40.06	54	-13.94	-69.19	-64.16	7.77	-55.2
3	7471.875 PK	57.09	74	-16.91	-48.93	-48.98	7.77	-38.17
4	7481.25 AV	36.67	54	-17.33	-69.12	-69.63	7.77	-58.59
5	11218.75 PK	57.21	74	-16.79	-48.39	-49.32	7.77	-38.05
6	11221.875 AV	42.69	54	-11.31	-61.6	-66.31	7.77	-52.57
7	16826.375 PK	56.72	74	-17.28	-49.28	-49.36	7.77	-38.54
8	16837.875 AV	45.79	54	-8.21	-60.27	-60.23	7.77	-49.47

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5726.55 PK	68.98	74	-5.02	-35.19	-40.43	7.77	-26.28
2	5726.95 AV	54.7	54	* 0.7	-49.83	-53.67	7.77	-40.56

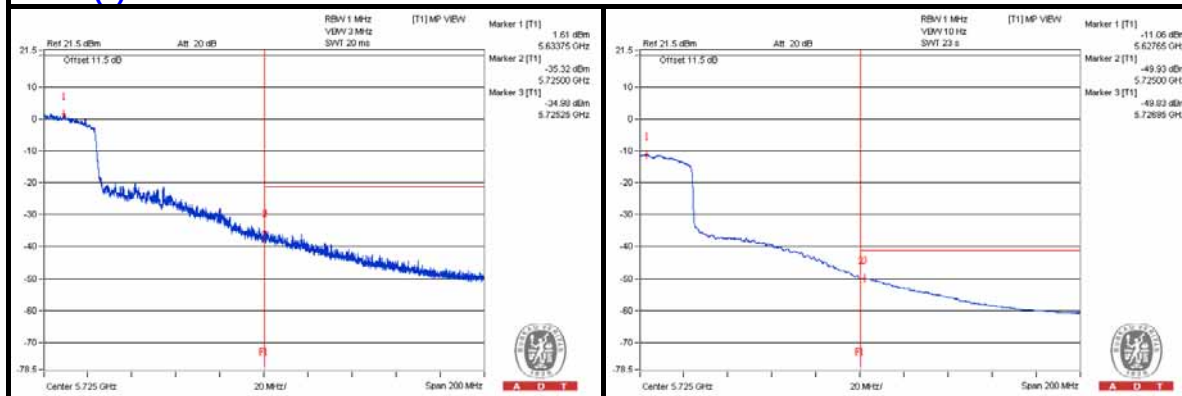
Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

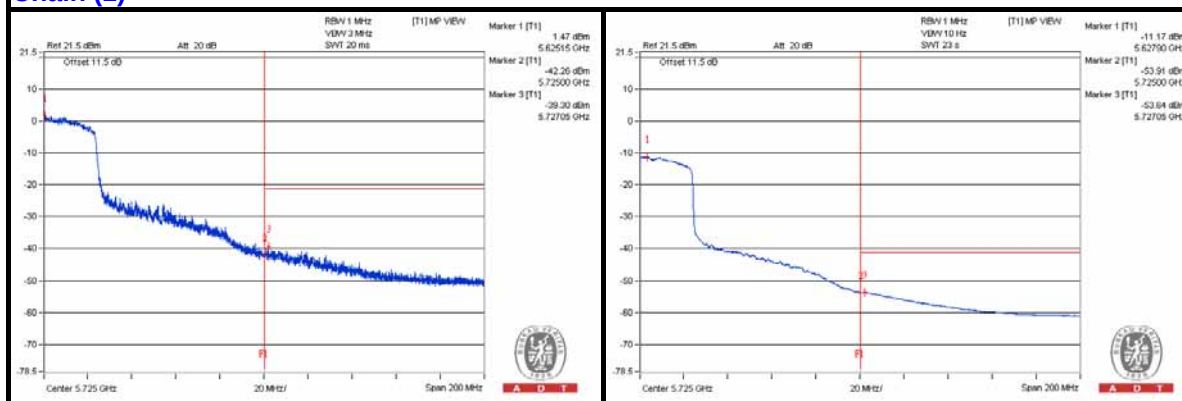
d = measurement distance in 3 meters.

* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX A)

Chain (0)



Chain (1)



802.11ac (VHT80) - Channel 138

Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	3793.75 PK	57.32	74	-16.68	-48.08	-49.46	7.77	-37.94
2	3793.75 AV	42.99	54	-11.01	-69.02	-60.63	7.77	-52.27
3	7584.375 PK	57.76	74	-16.24	-47.65	-49.02	7.77	-37.5
4	7587.5 AV	36.67	54	-17.33	-69.01	-69.77	7.77	-58.59
5	11371.875 PK	57.19	74	-16.81	-50.39	-47.72	7.77	-38.07
6	11381.25 AV	40.23	54	-13.77	-64.76	-67.19	7.77	-55.03
7	17062.125 PK	57.74	74	-16.26	-48.11	-48.49	7.77	-37.52
8	17067.875 AV	46.13	54	-7.87	-59.93	-59.89	7.77	-49.13

Note :

Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



Bandedge table

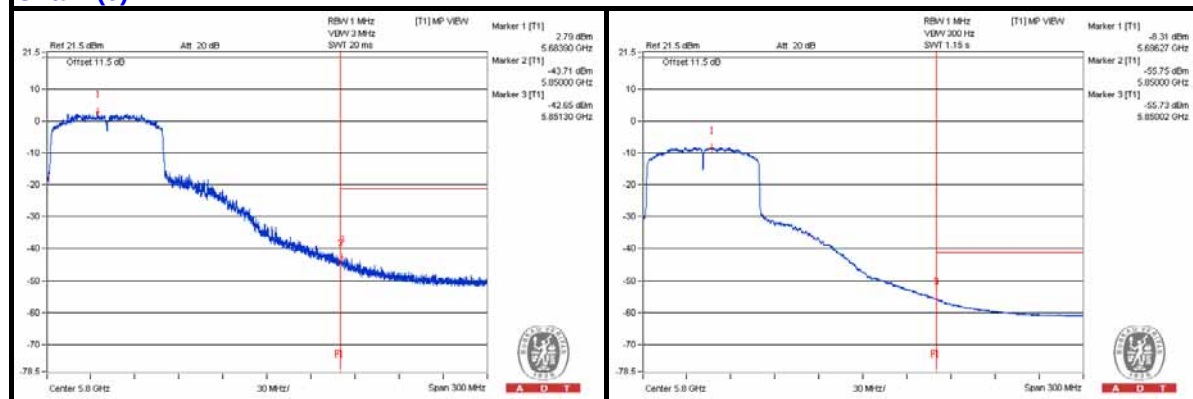
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5852.125 PK	62.13	74	-11.87	-43.49	-44.38	7.77	-33.13
2	5850.1 AV	49.46	54	-4.54	-55.75	-57.6	7.77	-45.8

Note :

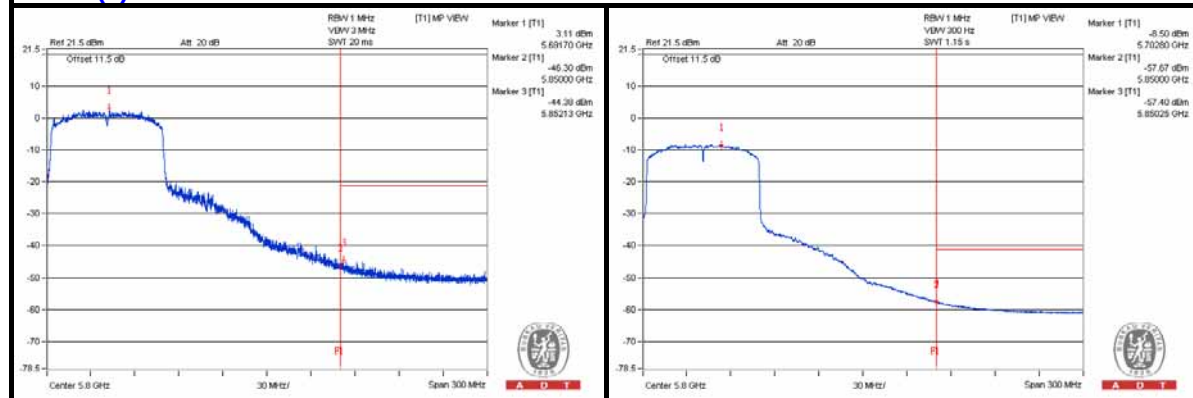
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain (0)



Chain (1)



4.4 FREQUENCY STABILITY

4.4.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

The frequency of the carrier signal shall be maintained within band of operation

4.4.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV 40	100964	July 05, 2014	July 04, 2015
Temperature & Humidity Chamber GIANTFORCE	GTH-150-40-S P-AR	MAA0812-008	Jan. 13, 2014	Jan. 12, 2015

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : Aug. 25, 2014

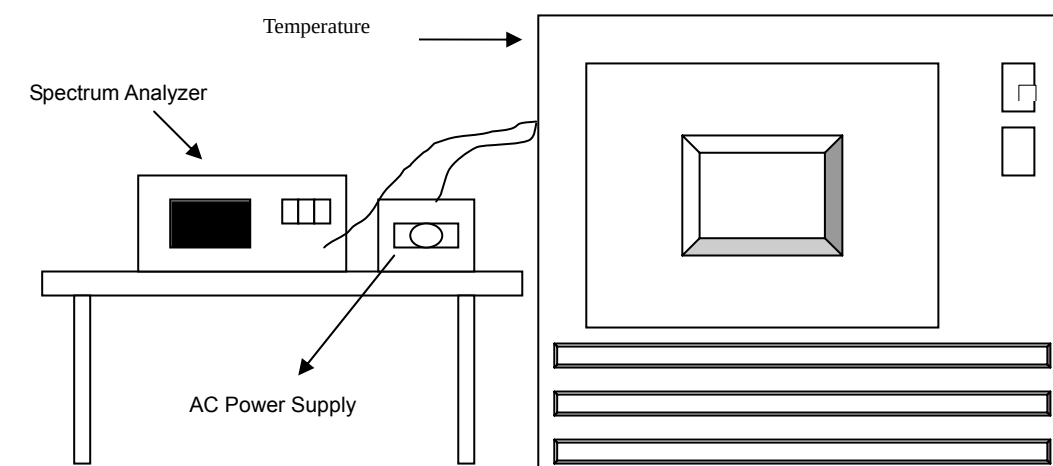
4.4.3 TEST PROCEDURE

1. The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
2. Turn the EUT on and couple its output to a spectrum analyzer.
3. Turn the EUT off and set the chamber to the highest temperature specified.
4. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
5. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
6. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITION

Set the EUT transmit at un-modulation mode to test frequency stability.



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4.4.7 TEST RESULTS

FREQUENCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5320MHz									
TEMP. (°C)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift
		(MHz)	%	(MHz)	%	(MHz)	%	(MHz)	%
50	120	5319.9896	-0.00020	5319.9863	-0.00026	5319.9862	-0.00026	5319.9886	-0.00021
40	120	5320.0246	0.00046	5320.0216	0.00041	5320.0228	0.00043	5320.0208	0.00039
30	120	5319.9947	-0.00010	5319.9902	-0.00018	5319.9905	-0.00018	5319.9928	-0.00014
20	120	5320.0215	0.00040	5320.0176	0.00033	5320.0222	0.00042	5320.0209	0.00039
10	120	5319.9815	-0.00035	5319.9798	-0.00038	5319.9775	-0.00042	5319.9778	-0.00042
0	120	5320.0151	0.00028	5320.014	0.00026	5320.0171	0.00032	5320.0136	0.00026
-10	120	5320.0151	0.00028	5320.0169	0.00032	5320.0166	0.00031	5320.0141	0.00027
-20	120	5320.0207	0.00039	5320.0239	0.00045	5320.0216	0.00041	5320.0197	0.00037
-30	120	5320.0226	0.00042	5320.0225	0.00042	5320.0208	0.00039	5320.0251	0.00047

FREQUENCY STABILITY VERSUS VOLTAGE									
OPERATING FREQUENCY: 5320MHz									
TEMP. (°C)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift	Measured Frequency	Frequency Drift
		(MHz)	%	(MHz)	%	(MHz)	%	(MHz)	%
20	138	5320.0225	0.00042	5320.018	0.00034	5320.0212	0.00040	5320.0201	0.00038
	120	5320.0215	0.00040	5320.0176	0.00033	5320.0222	0.00042	5320.0209	0.00039
	102	5320.0217	0.00041	5320.0171	0.00032	5320.0223	0.00042	5320.0215	0.00040



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4.5 AC POWER LINE CONDUCTED EMISSION MEASUREMENT

4.5.1 LIMITS OF AC POWER LINE CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

NOTE: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

4.5.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver LIG NEX1	ER-265	L09068005	July 22, 2013	July 21, 2014
Pulse Limiter SCHWARZBECK	VTSD 9561F	9607	Mar. 06, 2014	Mar. 05, 2015
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK8127	8127-522	Sep. 05, 2013	Sep. 04, 2014
Line-Impedance Stabilization Network (for Peripheral)	ENV216	100072	June 06, 2013	June 05, 2014
RF Cable (JYEBAO)	5DFB	CONCAB-003	Mar. 07, 2014	Mar. 06, 2015
50 ohms Terminator	50	EMC-03	Sep. 24, 2013	Sep. 23, 2014
Software ADT	BV ADT_Cond_V7.3.7 .3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. C.
3. The VCCI Con C Registration No. is C-3611.
4. Tested Date: Mar. 26 to 27, 2014

4.5.3 TEST PROCEDURES

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN.
- The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission level under (Limit – 20dB) was not recorded.

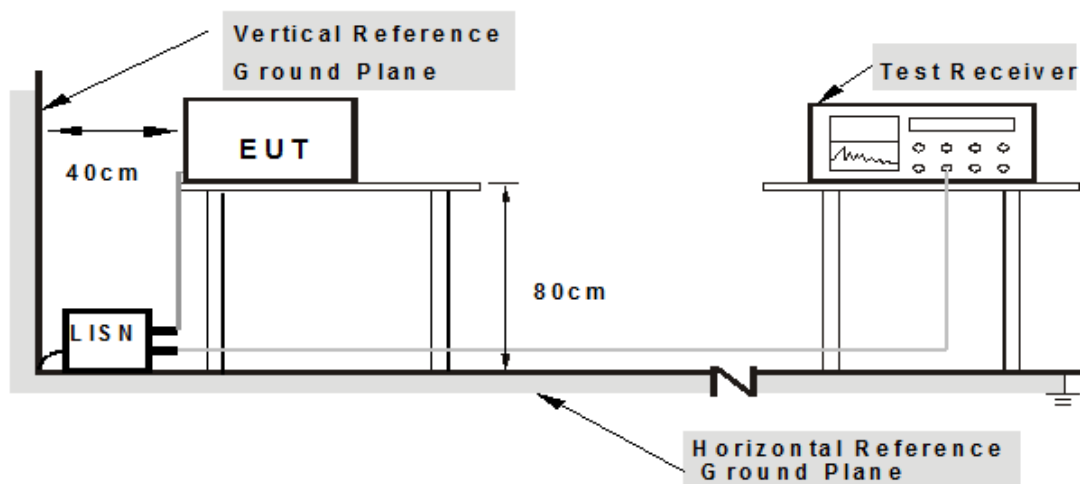
NOTE:

- The resolution bandwidth of test receiver is 9kHz for Quasi-peak detection (QP) & Average detection (AV).

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



Note: 1. Support units were connected to second LISN.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.5.6 EUT OPERATING CONDITIONS

Same as the 4.6.6

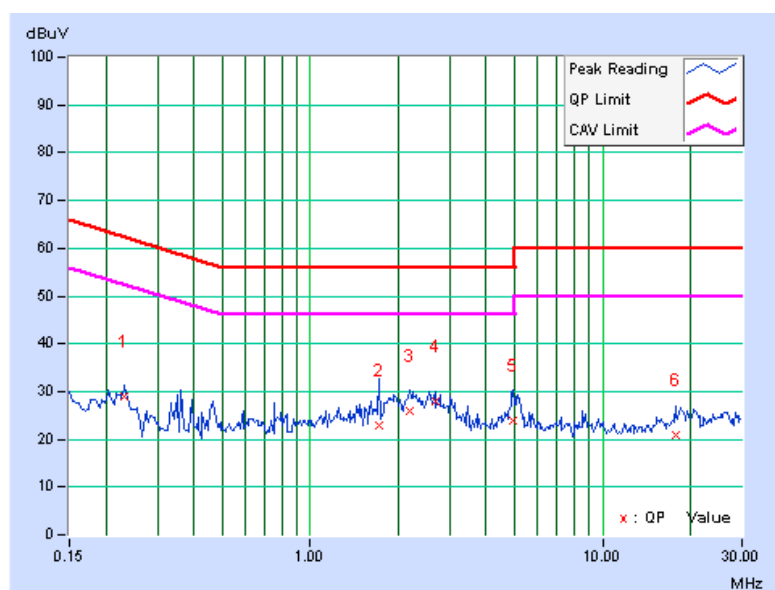
4.5.7 TEST RESULTS (MODE 1)

PHASE	Line (L)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)
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No	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
	[MHz]	Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
		(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.23211	9.96	18.96	11.51	28.92	21.47	62.37	52.37	-33.45	-30.90
2	1.72046	10.02	12.96	12.31	22.98	22.33	56.00	46.00	-33.02	-23.67
3	2.18320	10.04	15.89	7.33	25.93	17.37	56.00	46.00	-30.07	-28.63
4	2.67977	10.06	17.99	8.15	28.05	18.21	56.00	46.00	-27.95	-27.79
5	4.95148	10.14	13.94	4.87	24.08	15.01	56.00	46.00	-31.92	-30.99
6	17.80756	10.51	10.33	4.07	20.84	14.58	60.00	50.00	-39.16	-35.42

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission Level – Limit value
4. Correction Factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

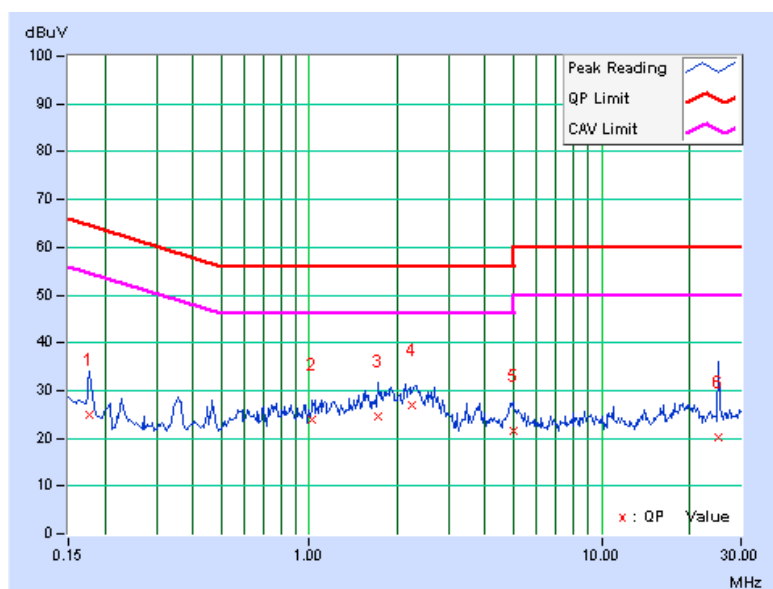


PHASE	Neutral (N)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)
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	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
No		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17737	9.96	14.92	9.00	24.88	18.96	64.61	54.61	-39.73	-35.65
2	1.02193	9.99	14.00	7.15	23.99	17.14	56.00	46.00	-32.01	-28.86
3	1.72182	10.03	14.62	14.60	24.65	24.63	56.00	46.00	-31.35	-21.37
4	2.25202	10.05	16.78	8.45	26.83	18.50	56.00	46.00	-29.17	-27.50
5	5.02186	10.14	11.56	4.55	21.70	14.69	60.00	50.00	-38.30	-35.31
6	25.19355	10.72	9.60	3.72	20.32	14.44	60.00	50.00	-39.68	-35.56

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission Level – Limit value
4. Correction Factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



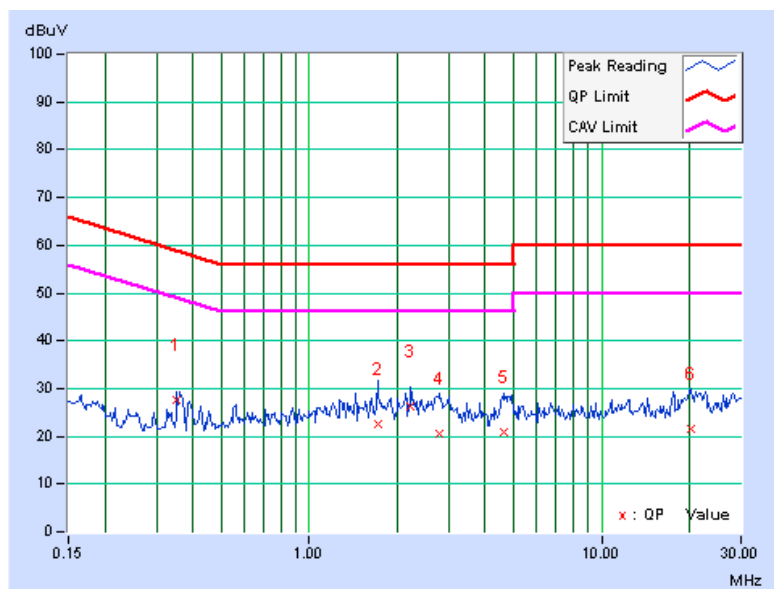
4.5.8 TEST RESULTS (MODE 2)

PHASE	Line (L)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor [dB]	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.35327	9.98	17.51	12.47	27.49	22.45	58.89	48.89	-31.40	-26.44
2	1.72182	10.02	12.56	7.62	22.58	17.64	56.00	46.00	-33.42	-28.36
3	2.22230	10.04	16.27	1.95	26.31	11.99	56.00	46.00	-29.69	-34.01
4	2.79707	10.06	10.43	4.89	20.49	14.95	56.00	46.00	-35.51	-31.05
5	4.66214	10.13	10.72	-0.79	20.85	9.34	56.00	46.00	-35.15	-36.66
6	20.23567	10.57	10.91	6.18	21.48	16.75	60.00	50.00	-38.52	-33.25

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission Level – Limit value
4. Correction Factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

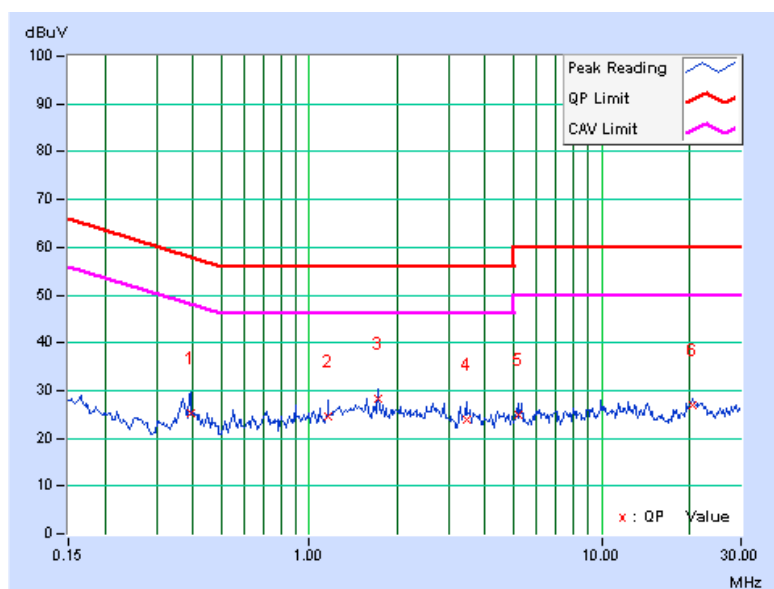


PHASE	Neutral (N)	DETECTOR FUNCTION	Quasi-Peak (QP) / Average (AV)
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	Freq.	Corr.	Reading Value		Emission Level		Limit		Margin	
No		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.39242	9.98	15.45	12.50	25.43	22.48	58.01	48.01	-32.58	-25.53
2	1.16269	10.00	14.59	7.04	24.59	17.04	56.00	46.00	-31.41	-28.96
3	1.72182	10.03	18.26	7.07	28.29	17.10	56.00	46.00	-27.71	-28.90
4	3.43831	10.09	13.94	6.72	24.03	16.81	56.00	46.00	-31.97	-29.19
5	5.16653	10.14	14.91	10.29	25.05	20.43	60.00	50.00	-34.95	-29.57
6	20.39989	10.56	16.33	8.14	26.89	18.70	60.00	50.00	-33.11	-31.30

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission Level – Limit value
4. Correction Factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



5. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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6. INFORMATION ON THE TESTING LABORATORIES

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:

Tel: 886-2-26052180

Fax: 886-2-26052943

Hsin Chu EMC/RF Lab:

Tel: 886-3-5935343

Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

7.APPENDIX A - RADIATED EMISSION MEASUREMENT

7.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequencies (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



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7.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
MXE EMI Receiver Agilent	N9038A	MY50010156	Aug. 11, 2014	Aug. 10, 2015
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-04	Nov. 13, 2013	Nov. 12, 2014
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Feb. 27, 2014	Feb. 26, 2015
RF Cable	NA	CHHCAB_001	Oct. 06, 2013	Oct. 05, 2014
Spectrum Analyzer R&S	FSV40	100964	July 05, 2014	July 04, 2015
Horn_Antenna AISI	AIH.8018	0000220091110	Dec. 06, 2013	Dec. 05, 2014
Pre-Amplifier Agilent	8449B	3008A01923	Oct. 29, 2013	Oct. 28, 2014
RF Cable	NA	RF104-205 RF104-207 RF104-202	Dec. 12, 2013	Dec. 11, 2014
Spectrum Analyzer Agilent	E4446A	MY48250253	Aug. 28, 2013	Aug. 27, 2014
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Nov. 13, 2013	Nov. 12, 2014
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Oct. 08, 2013	Oct. 07, 2014
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
- 3 The test was performed in 966 Chamber No. H.
4. The FCC Site Registration No. is 797305.
- 5 The CANADA Site Registration No. is IC 7450H-3.
- 6 Tested Date: Aug. 19, 2014

7.1.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

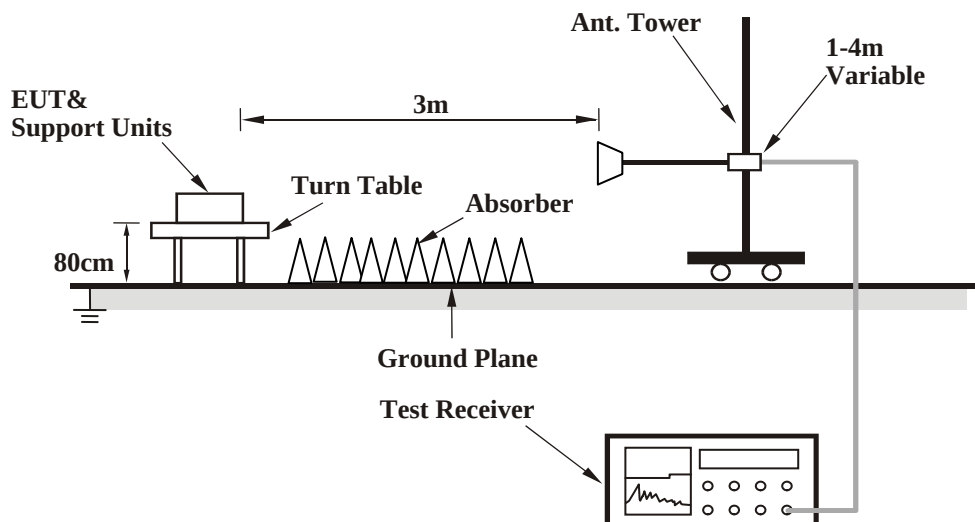
NOTE:

1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

7.1.4 DEVIATION FROM TEST STANDARD

No deviation

7.1.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.1.6 EUT OPERATING CONDITIONS

1. Connect the EUT with the support unit 1 (Notebook Computer) which is placed on a testing table.
2. The communication partner run test program “QCRT Version3.0.29.0” to enable EUT under transmission/receiving condition continuously at specific channel frequency.

7.1.7 TEST RESULTS (MODE 1)

802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.8 PK	74.0	-10.2	1.04 H	124	59.52	4.28
2	5150.00	50.0 AV	54.0	-4.0	1.04 H	124	45.72	4.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.8 PK	74.0	-9.2	1.16 V	308	60.52	4.28
2	5150.00	51.0 AV	54.0	-3.0	1.16 V	308	46.72	4.28

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



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CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	64.7 PK	74.0	-9.3	1.05 H	130	60.08	4.62
2	5460.00	49.9 AV	54.0	-4.1	1.05 H	130	45.28	4.62

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5460.00	65.7 PK	74.0	-8.3	1.06 V	279	61.08	4.62
2	5460.00	50.9 AV	54.0	-3.1	1.06 V	279	46.28	4.62

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

7.1.1 TEST RESULTS (MODE 2)

802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	63.7 PK	74.0	-10.3	1.22 H	305	59.42	4.28
2	5150.00	48.7 AV	54.0	-5.3	1.22 H	305	44.42	4.28
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.1 PK	74.0	-8.9	1.02 V	271	60.82	4.28
2	5150.00	50.9 AV	54.0	-3.1	1.02 V	271	46.62	4.28

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



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CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5350.00	66.5 PK	74.0	-7.5	1.24 H	305	61.99	4.51
2	5350.00	48.3 AV	54.0	-5.7	1.24 H	305	43.79	4.51
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5350.00	68.1 PK	74.0	-5.9	1.11 V	271	63.59	4.51
2	5350.00	50.8 AV	54.0	-3.2	1.11 V	271	46.29	4.51

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



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CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	63.4 PK	74.0	-10.6	1.22 H	300	58.79	4.61
2	#5470.00	48.6 AV	54.0	-5.4	1.22 H	300	43.99	4.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5470.00	67.4 PK	74.0	-6.6	1.21 V	267	62.79	4.61
2	#5470.00	50.8 AV	54.0	-3.2	1.21 V	267	46.19	4.61

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



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CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	60.5 PK	74.0	-13.5	1.17 H	300	55.57	4.93
2	#5725.00	47.2 AV	54.0	-6.8	1.17 H	300	42.27	4.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	61.3 PK	74.0	-12.7	1.09 V	210	56.37	4.93
2	#5725.00	49.8 AV	54.0	-4.2	1.09 V	210	44.87	4.93

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



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8.APPENDIX B - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

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