

Bandedge table

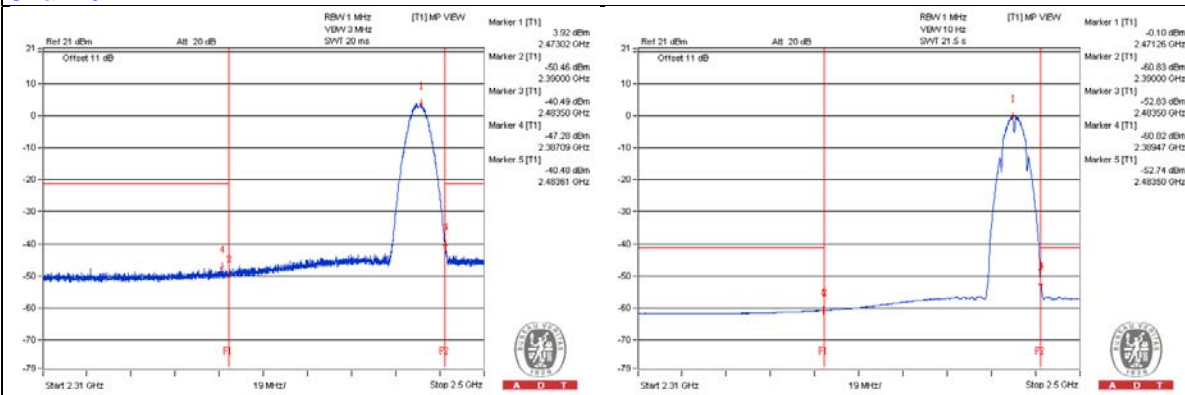
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.0925 PK	56.55	74	-17.45	-47.28	-49.78	6.63	-38.71
2	2389.99 AV	43.88	54	-10.12	-60.83	-61.22	6.63	-51.38
3	2483.565 PK	64.32	74	-9.68	-40.69	-40.48	6.63	-30.94
4	2483.5175 AV	51.7	54	-2.3	-52.83	-53.6	6.63	-43.56

Note :

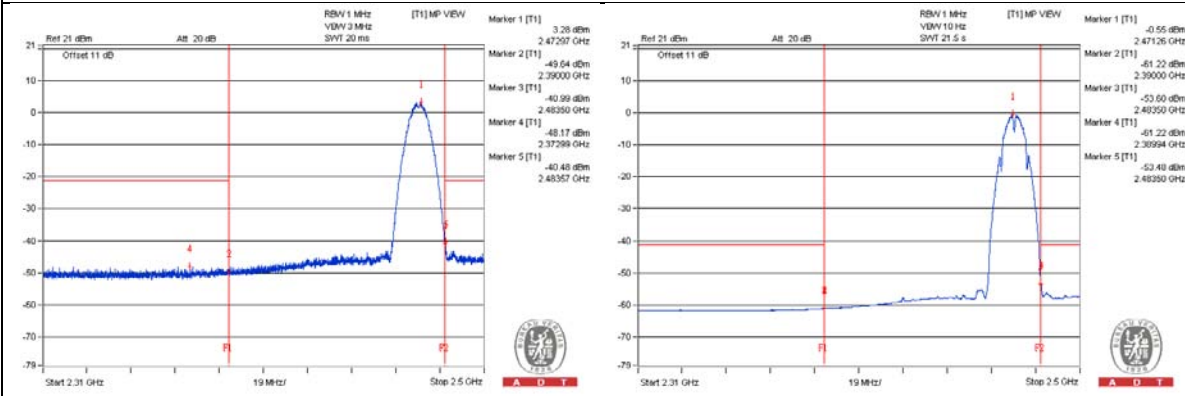
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



802.11g - Channel 1
Conducted spurious emission table

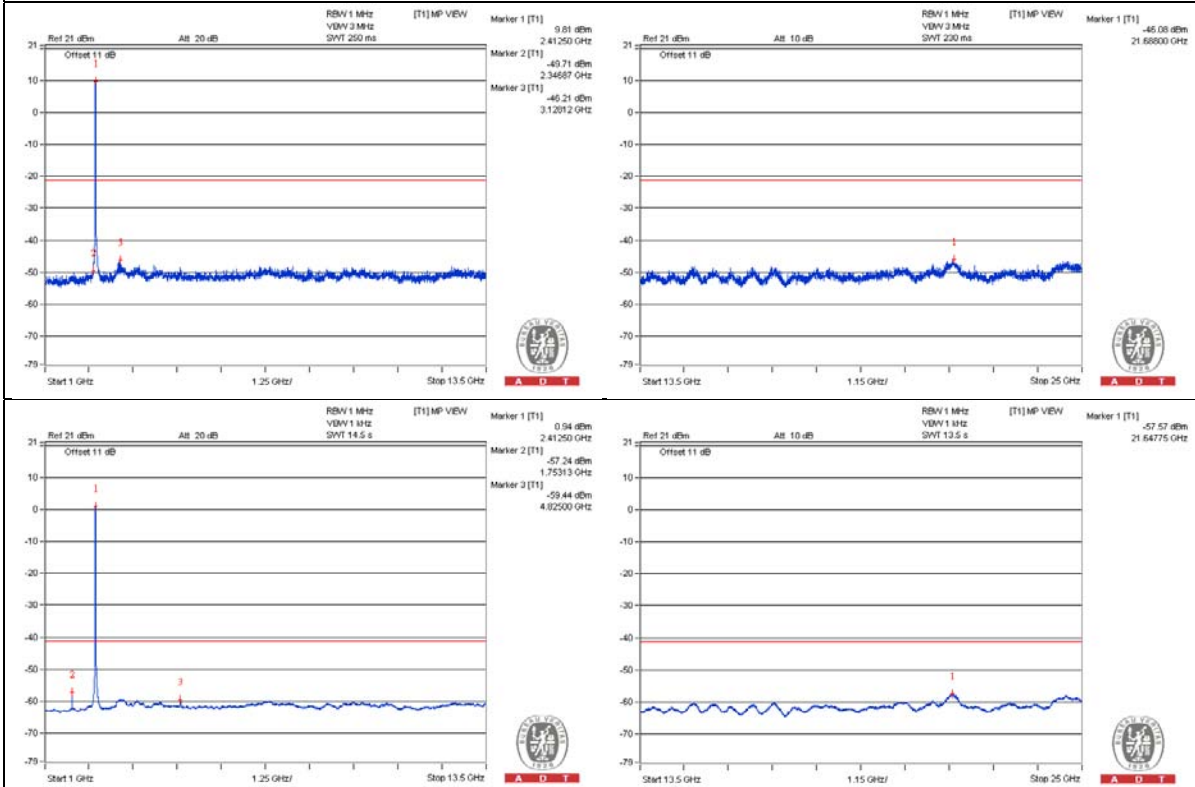
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1606.25 PK	51.91	74	-22.09	-53.24	-52.75	6.63	-43.35
2	1606.25 AV	41.7	54	-12.3	-63.16	-63.25	6.63	-53.56
3	4821.875 PK	54.81	74	-19.19	-49	-51.55	6.63	-40.45
4	4825 AV	44.57	54	-9.43	-59.44	-61.46	6.63	-50.69

Note :

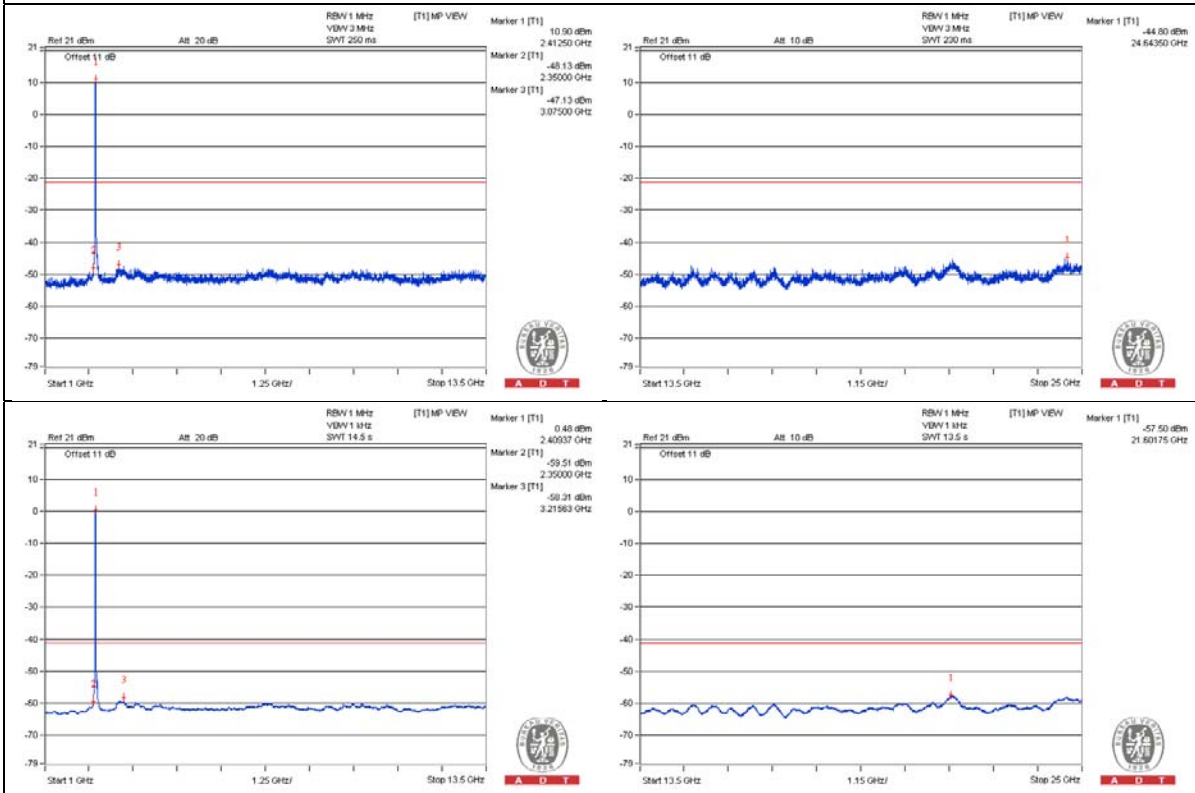
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

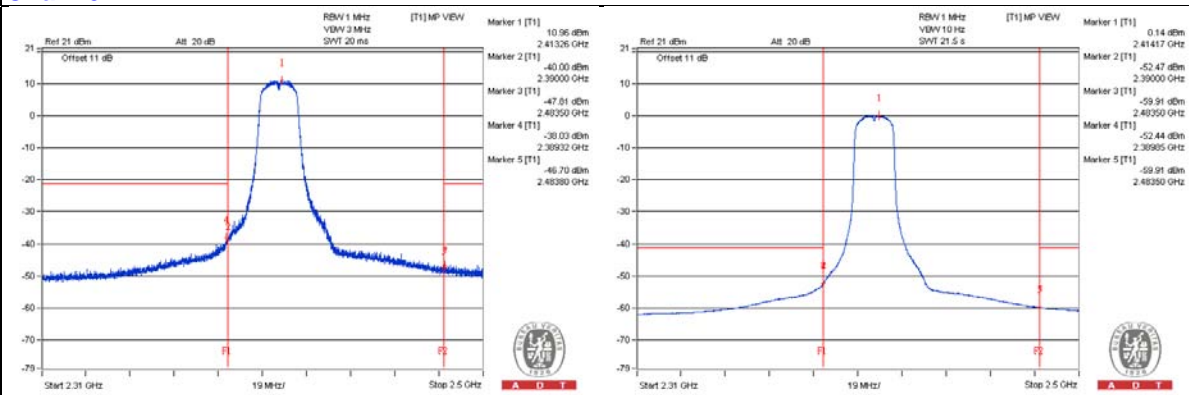
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.9425 PK	65.77	74	-8.23	-39.18	-39.09	6.63	-29.49
2	2389.8475 AV	52.26	54	-1.74	-52.44	-52.85	6.63	-43
3	2483.8025 PK	57.88	74	-16.12	-46.7	-47.36	6.63	-37.38
4	2483.5175 AV	44.93	54	-9.07	-59.91	-60.03	6.63	-50.33

Note :

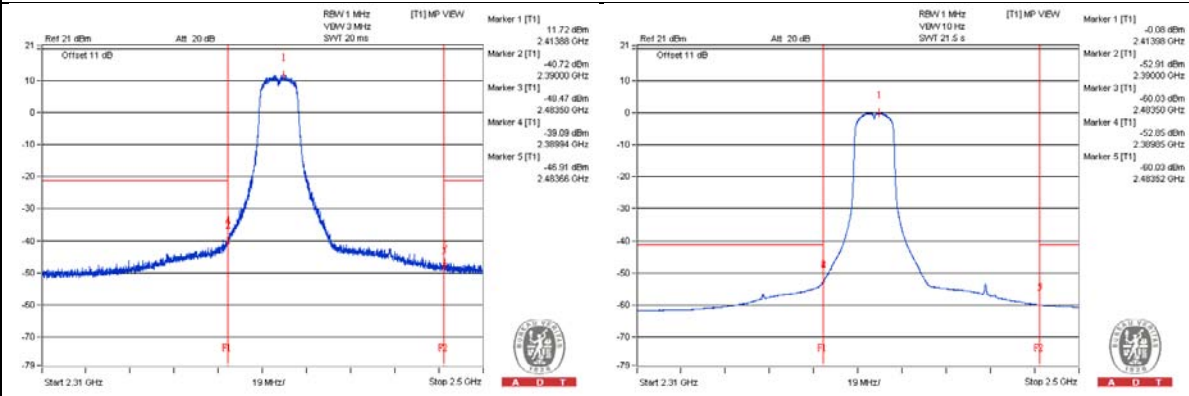
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



802.11g - Channel 6
Conducted spurious emission table

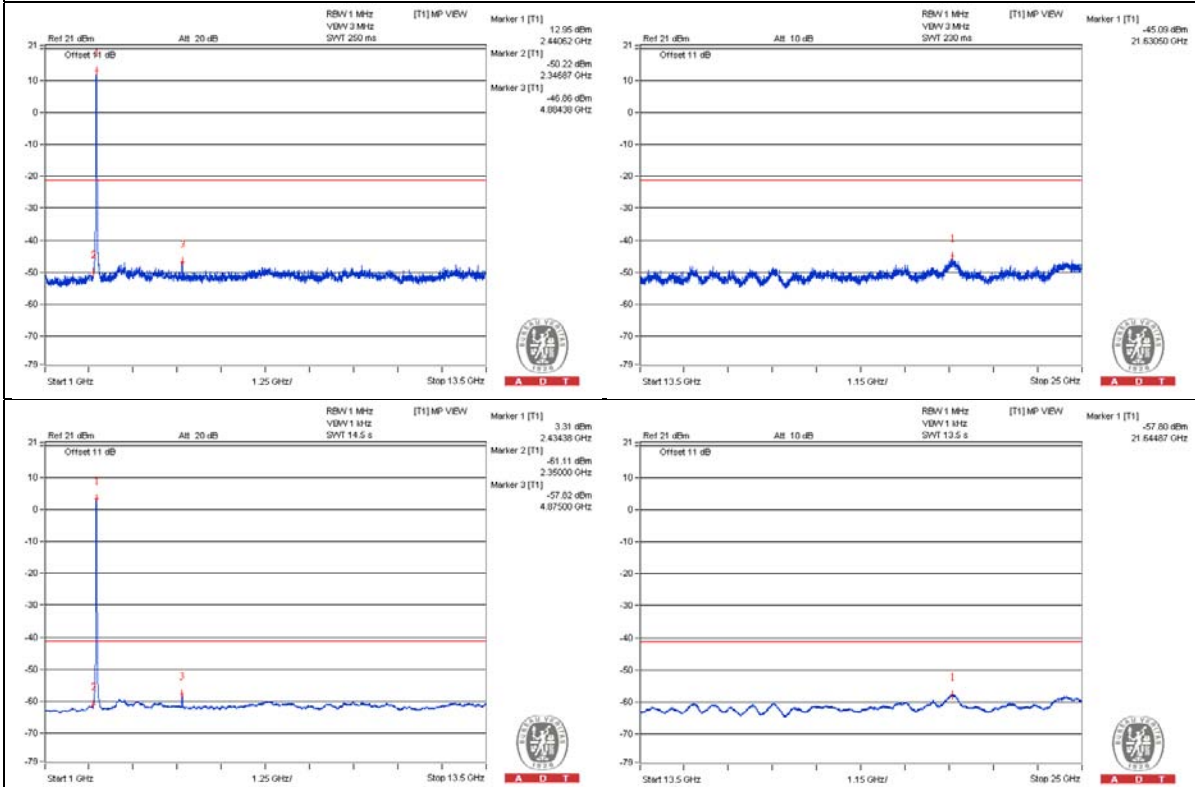
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1625 PK	52.06	74	-21.94	-52.11	-53.73	6.63	-43.2
2	1625 AV	41.75	54	-12.25	-63.1	-63.2	6.63	-53.51
3	4875 PK	56.04	74	-17.96	-47.14	-51.74	6.63	-39.22
4	4875 AV	45.5	54	-8.5	-57.82	-61.92	6.63	-49.76
5	7309.375 PK	55.66	74	-18.34	-49.31	-49.18	6.63	-39.6
6	7312.5 AV	44.45	54	-9.55	-60.43	-60.47	6.63	-50.81

Note :

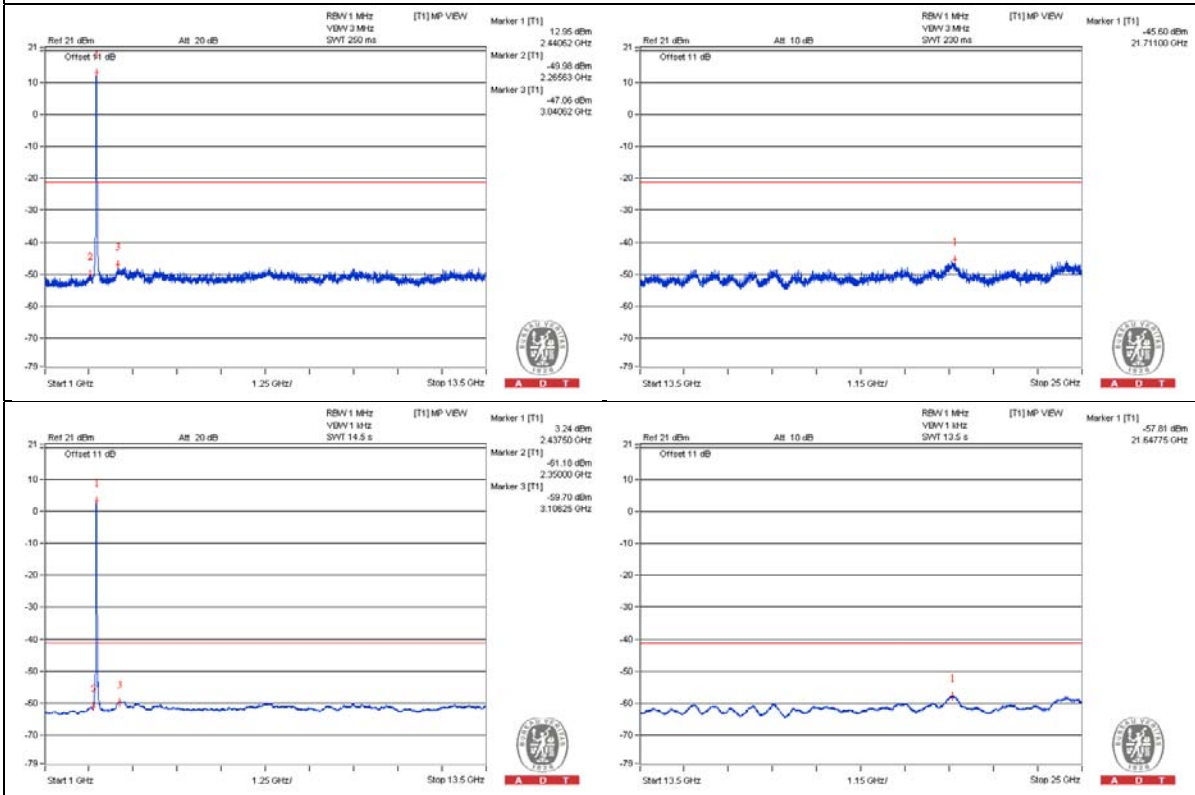
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

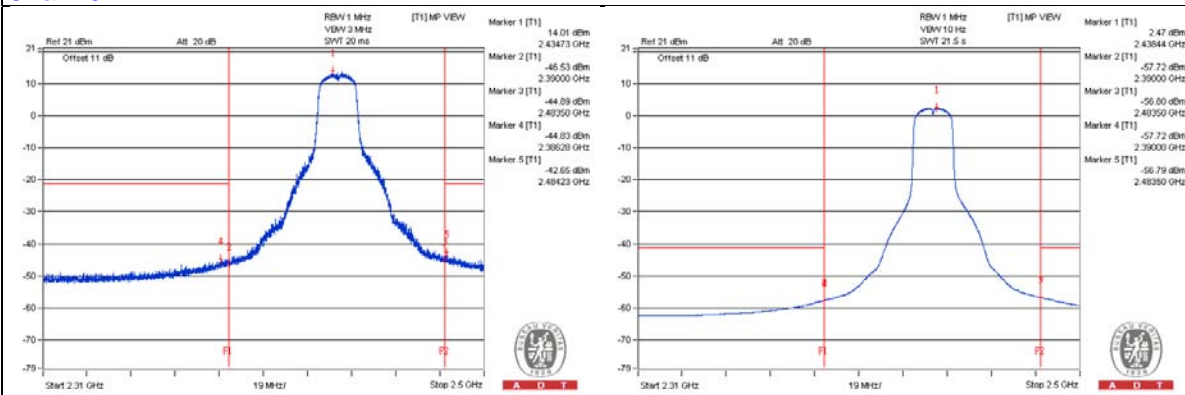
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.895 PK	60.86	74	-13.14	-45.74	-42.82	6.63	-34.4
2	2388.9925 AV	47.82	54	-6.18	-57.9	-56.39	6.63	-47.44
3	2484.23 PK	61.36	74	-12.64	-42.65	-44.66	6.63	-33.9
4	2484.99 AV	49.87	54	-4.13	-56.99	-53.68	6.63	-45.39

Note :

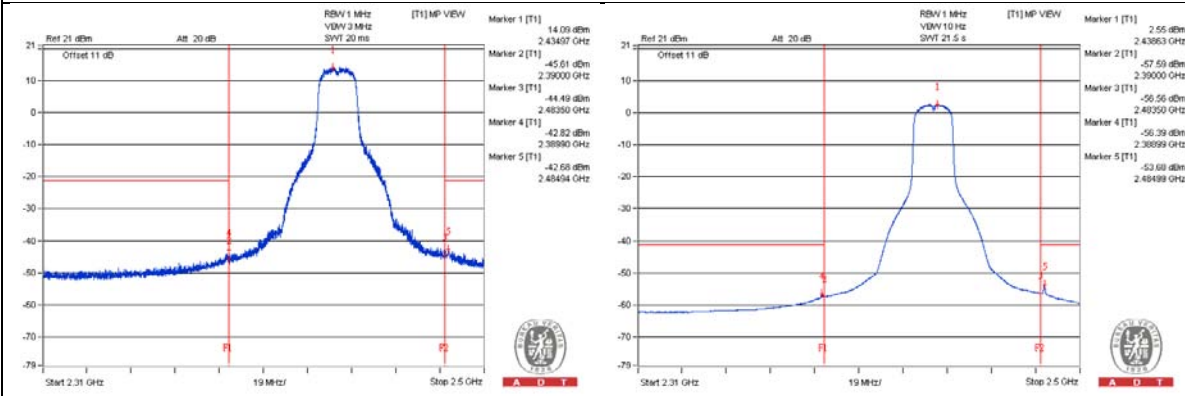
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



802.11g - Channel 11
Conducted spurious emission table

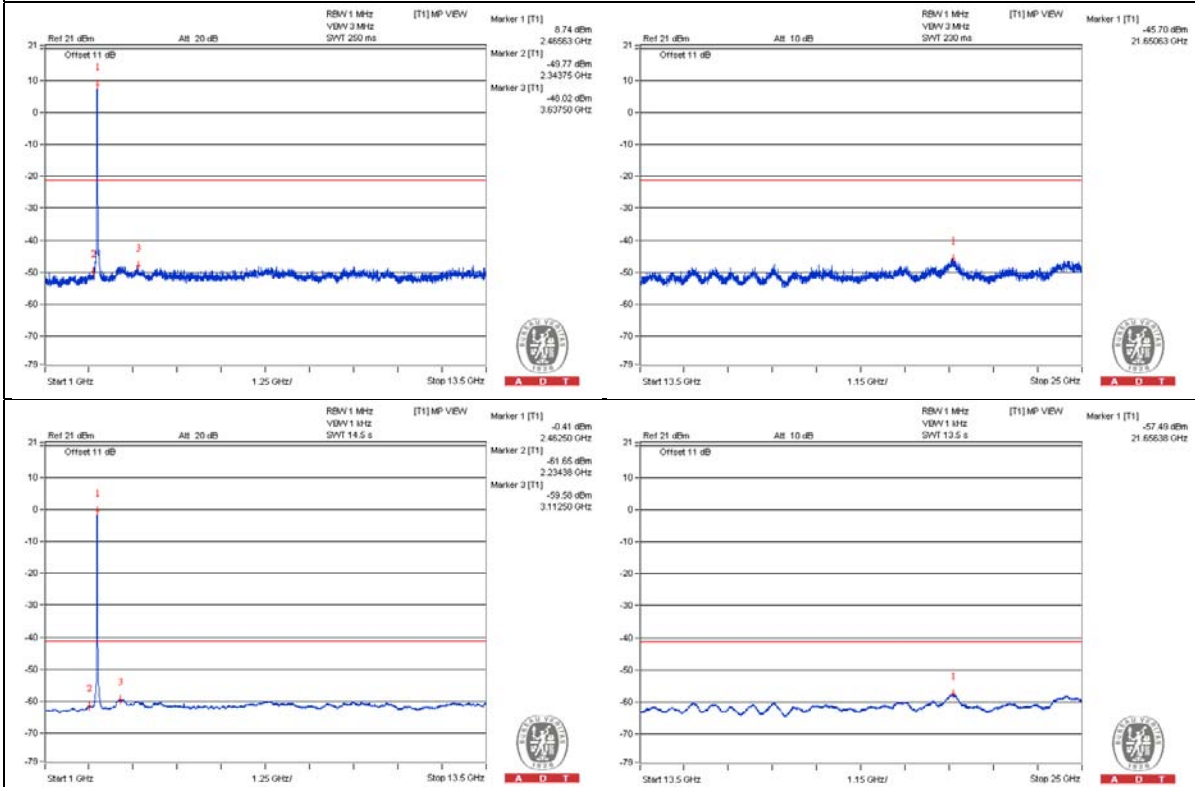
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4925 PK	54.23	74	-19.77	-49.56	-52.17	6.63	-41.03
2	4925 AV	43.43	54	-10.57	-60.92	-62.11	6.63	-51.83
3	7390.625 PK	55.49	74	-18.51	-48.61	-50.38	6.63	-39.77
4	7384.375 AV	44.55	54	-9.45	-60.24	-60.47	6.63	-50.71

Note :

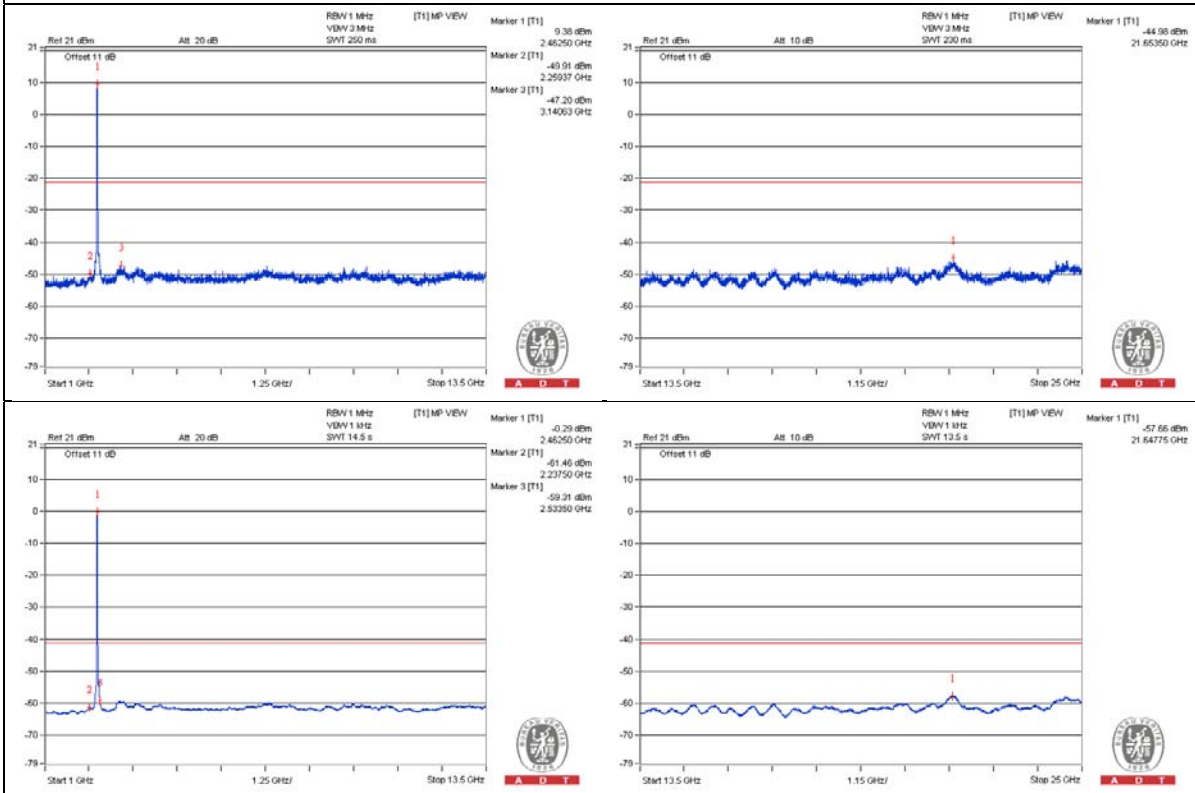
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

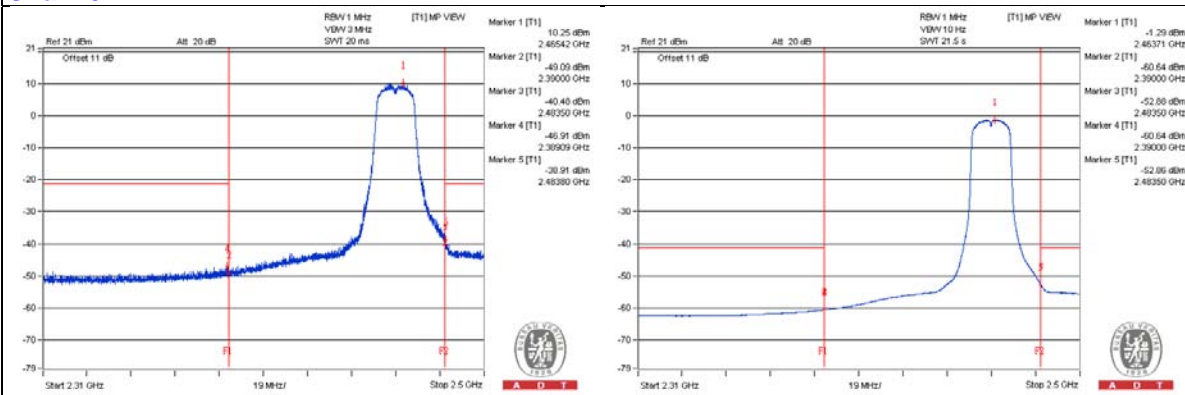
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.0875 PK	57.29	74	-16.71	-46.91	-48.44	6.63	-37.97
2	2389.99 AV	44.39	54	-9.61	-60.64	-60.39	6.63	-50.87
3	2483.8025 PK	66.04	74	-7.96	-38.91	-38.81	6.63	-29.22
4	2483.5175 AV	52.18	54	-1.82	-52.88	-52.57	6.63	-43.08

Note :

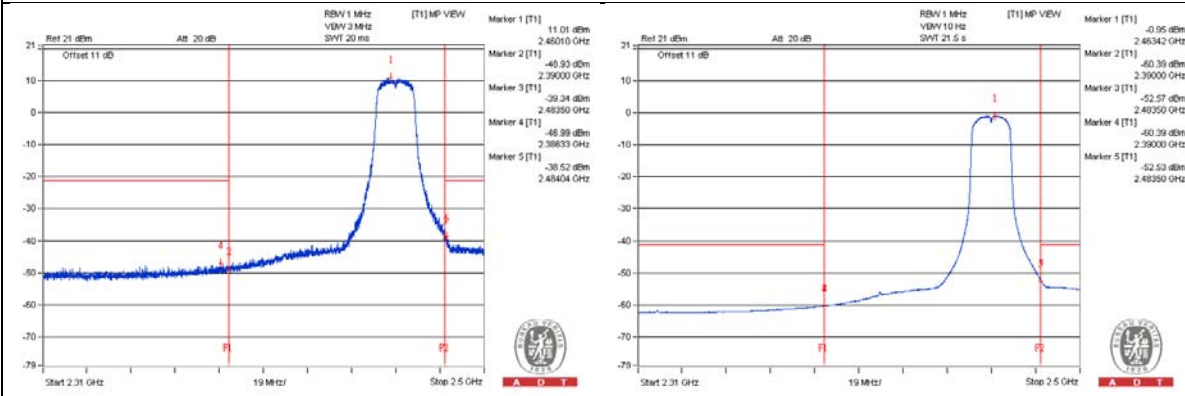
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



802.11g - Channel 12
Conducted spurious emission table

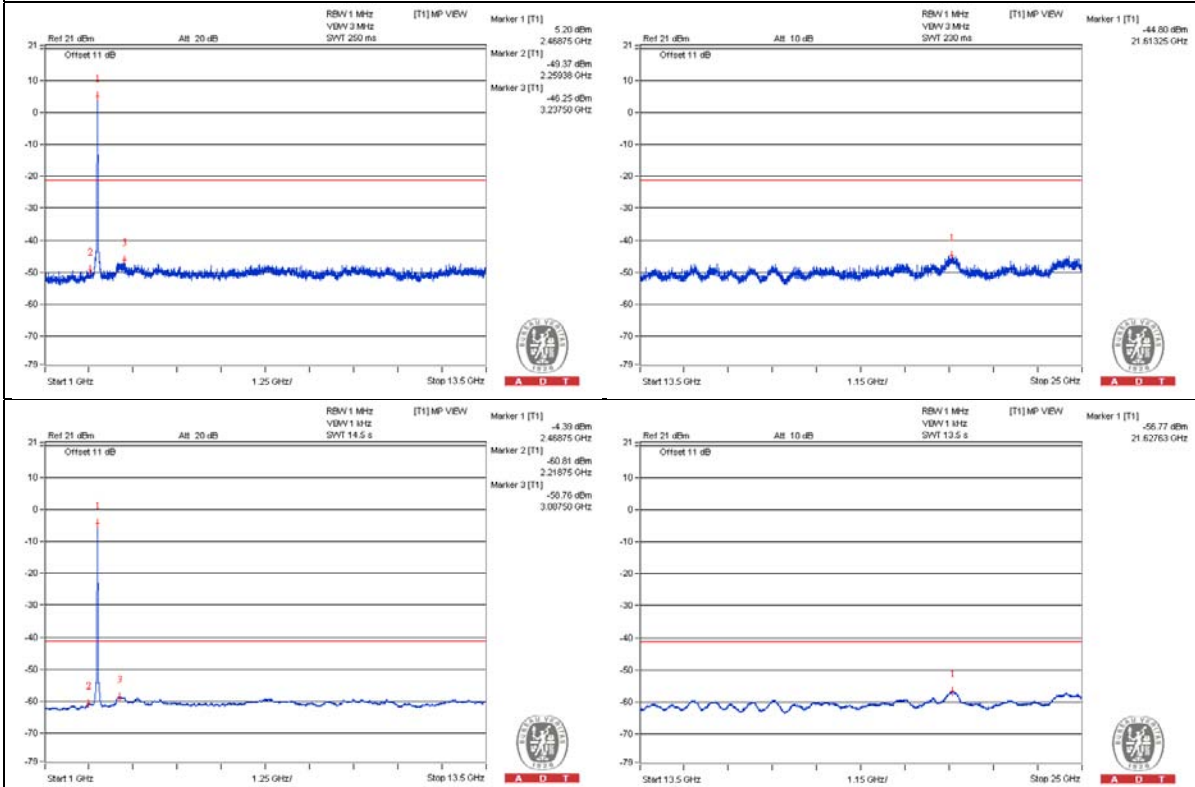
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4934.375 PK	55.08	74	-18.92	-49.69	-49.95	6.63	-40.18
2	4931.25 AV	43.79	54	-10.21	-61.05	-61.18	6.63	-51.47
3	7396.875 PK	55.75	74	-18.25	-49.39	-48.93	6.63	-39.51
4	7400 AV	45.33	54	-8.67	-59.46	-59.68	6.63	-49.93

Note :

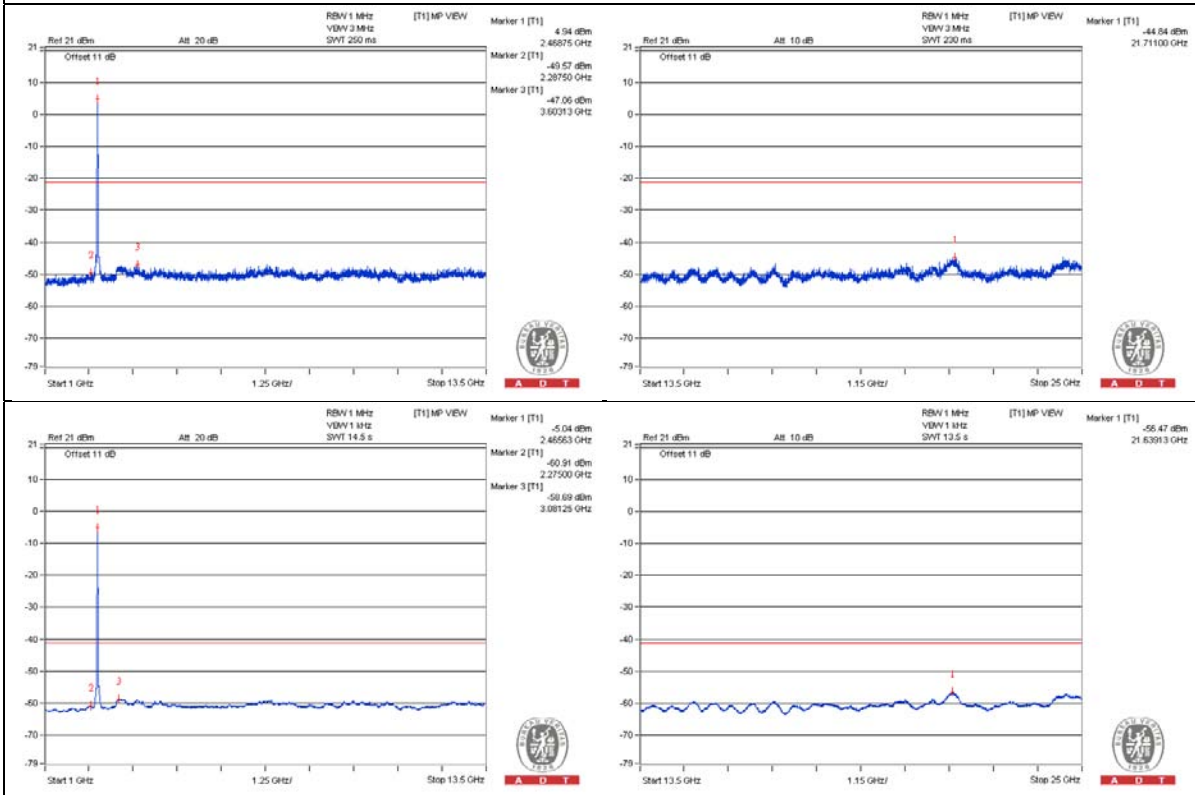
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

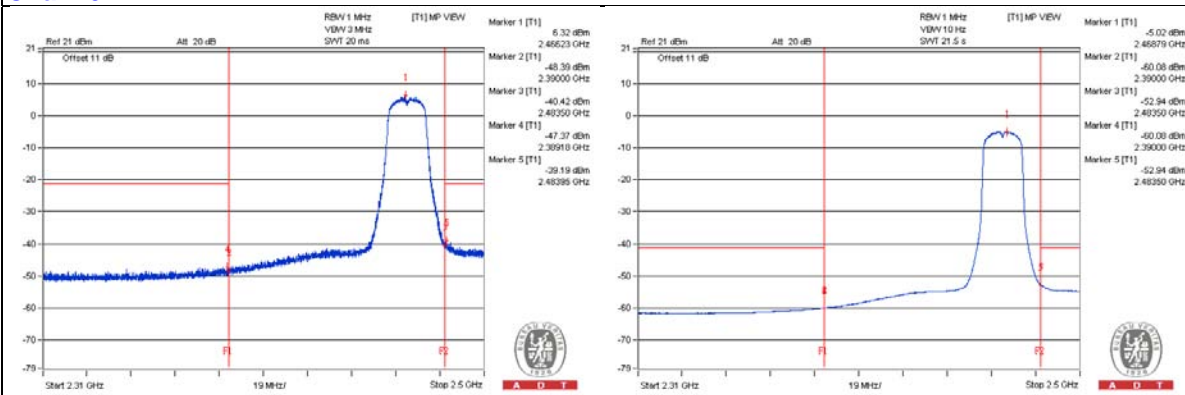
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.52 PK	56.8	74	-17.2	-47.41	-48.92	6.63	-38.46
2	2389.99 AV	44.55	54	-9.45	-60.08	-60.63	6.63	-50.71
3	2483.755 PK	64.73	74	-9.27	-39.76	-40.63	6.63	-30.53
4	2483.5175 AV	51.74	54	-2.26	-52.94	-53.4	6.63	-43.52

Note :

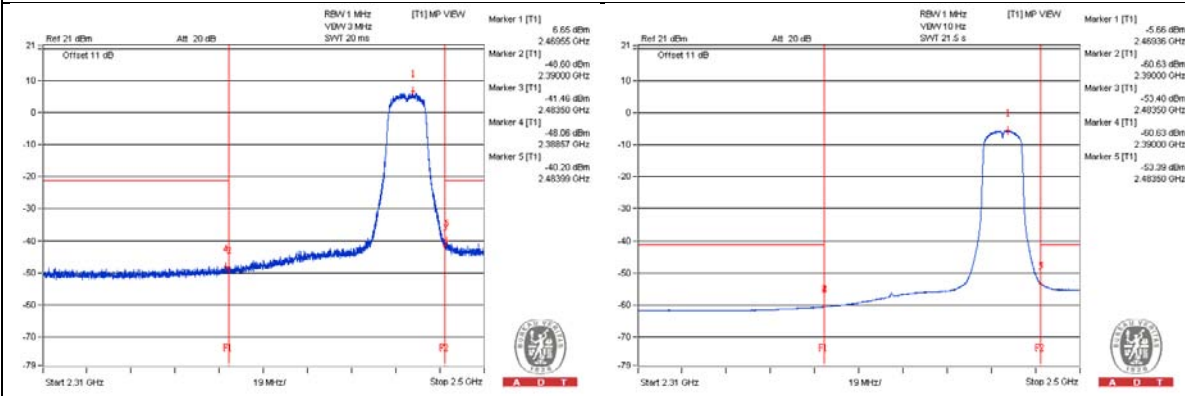
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



802.11g - Channel 13
Conducted spurious emission table

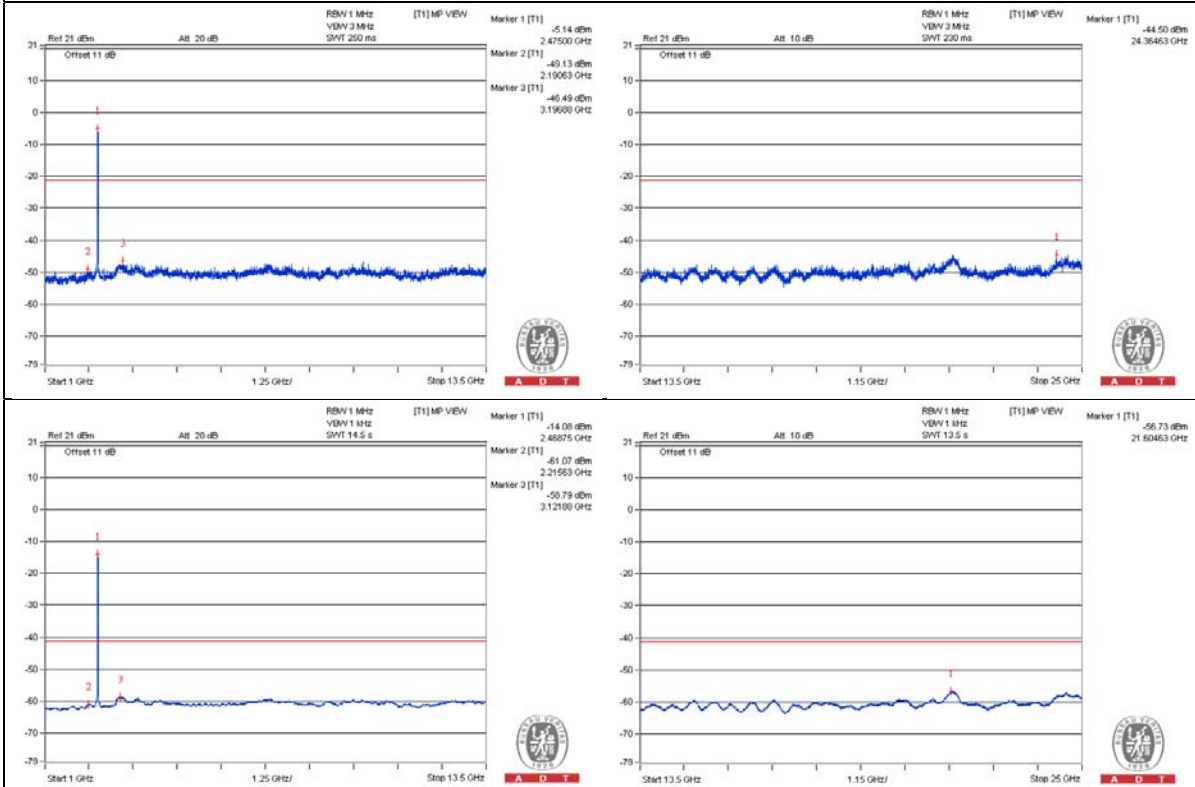
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4946.875 PK	54.08	74	-19.92	-51.4	-50.31	6.63	-41.18
2	4943.75 AV	43.66	54	-10.34	-61.23	-61.25	6.63	-51.6
3	7418.75 PK	56.05	74	-17.95	-48.12	-49.74	6.63	-39.21
4	7418.75 AV	45.57	54	-8.43	-59.46	-59.2	6.63	-49.69

Note :

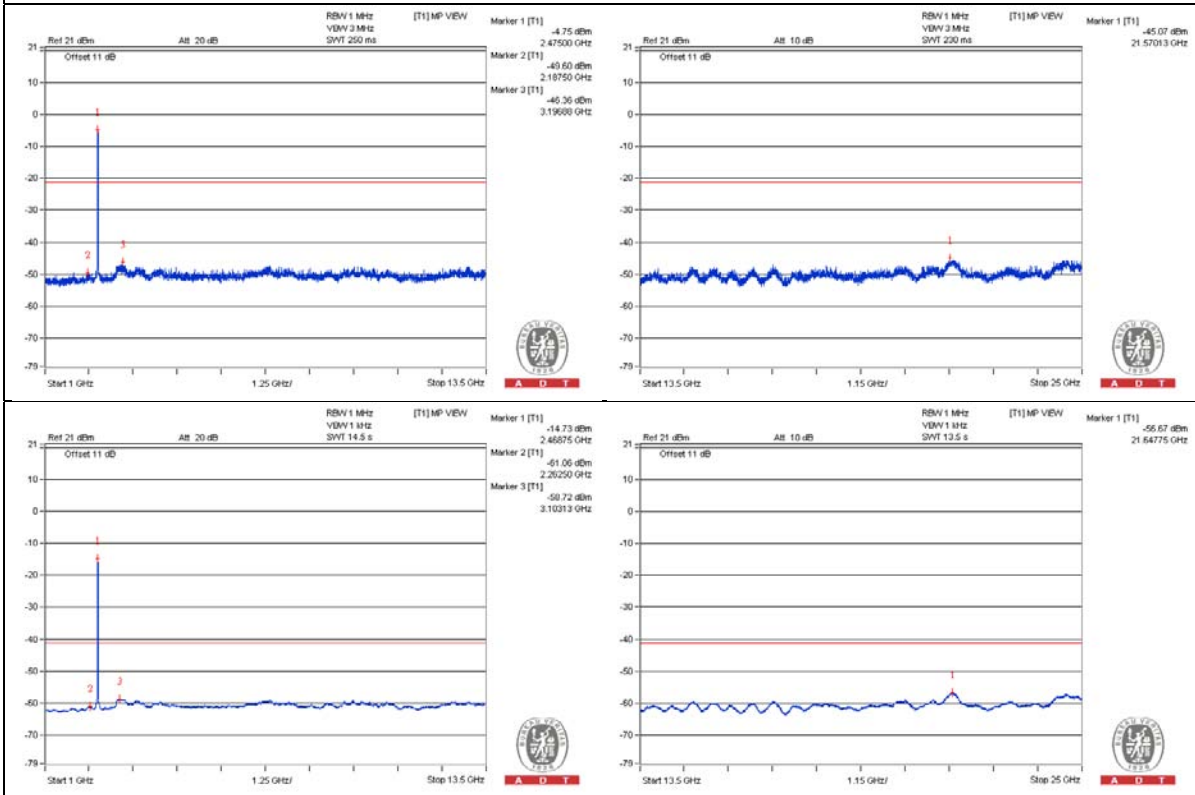
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

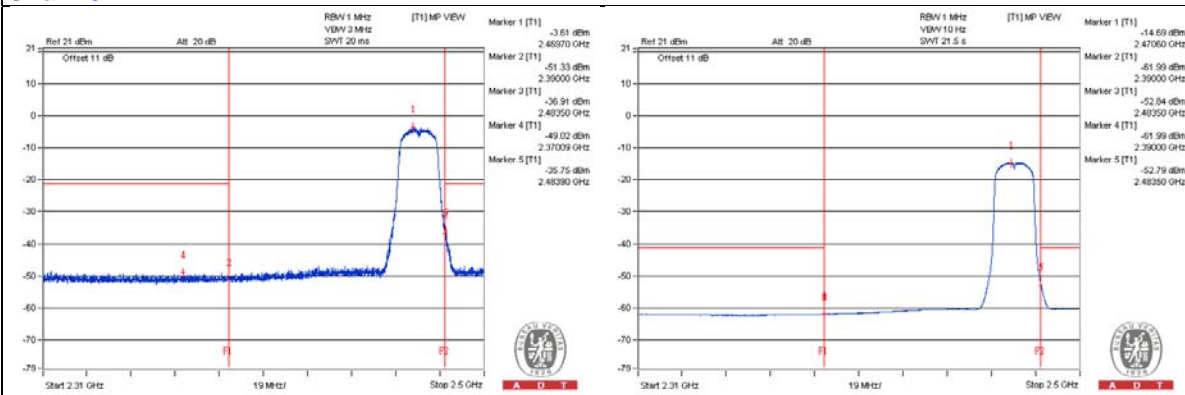
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2386.8075 PK	55.42	74	-18.58	-49.03	-49.99	6.63	-39.84
2	2310.475 AV	42.91	54	-11.09	-62	-61.98	6.63	-52.35
3	2483.5175 PK	69.08	74	-4.92	-36.91	-34.95	6.63	-26.18
4	2483.5175 AV	51.91	54	-2.09	-52.84	-53.15	6.63	-43.35

Note :

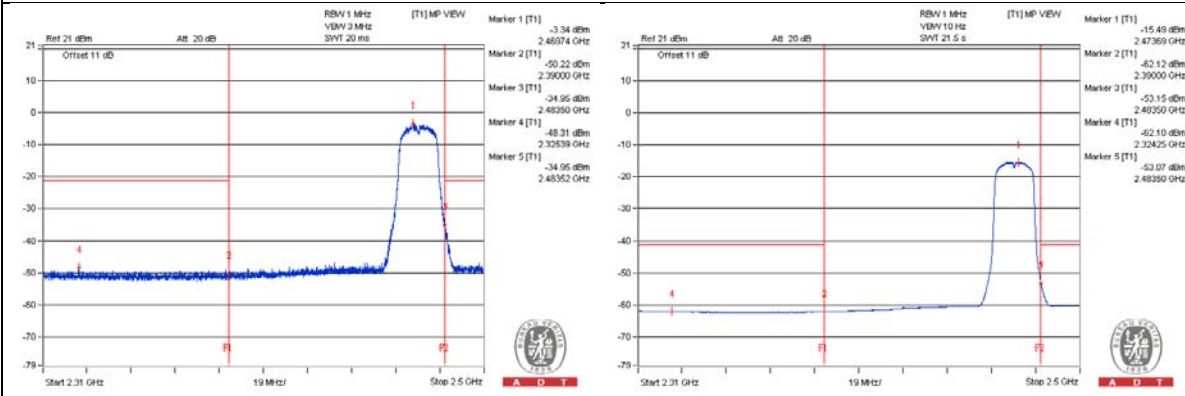
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT20 - Channel 1
Conducted spurious emission table

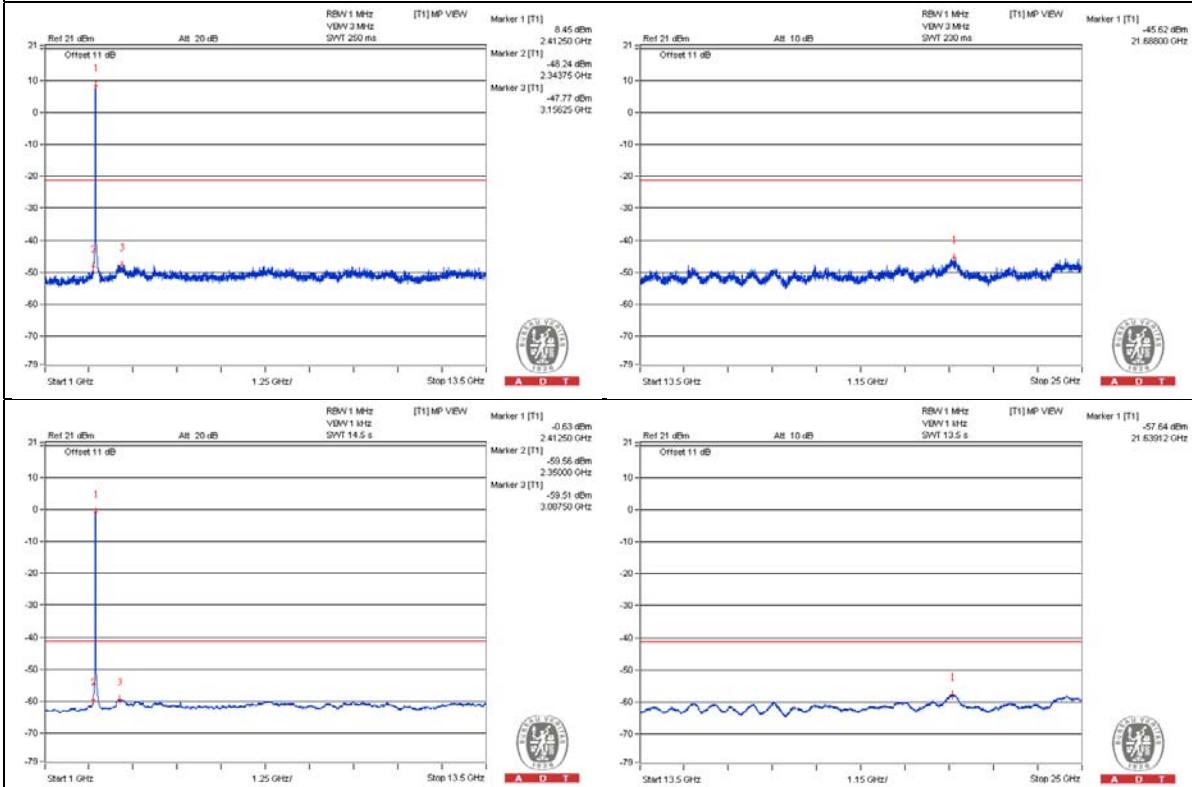
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1609.375 PK	52.4	74	-21.6	-52.74	-52.28	6.63	-42.86
2	1606.25 AV	41.72	54	-12.28	-63.14	-63.23	6.63	-53.54
3	4821.875 PK	54.56	74	-19.44	-49.62	-51.21	6.63	-40.7
4	4828.125 AV	44.03	54	-9.97	-60.28	-61.55	6.63	-51.23

Note :

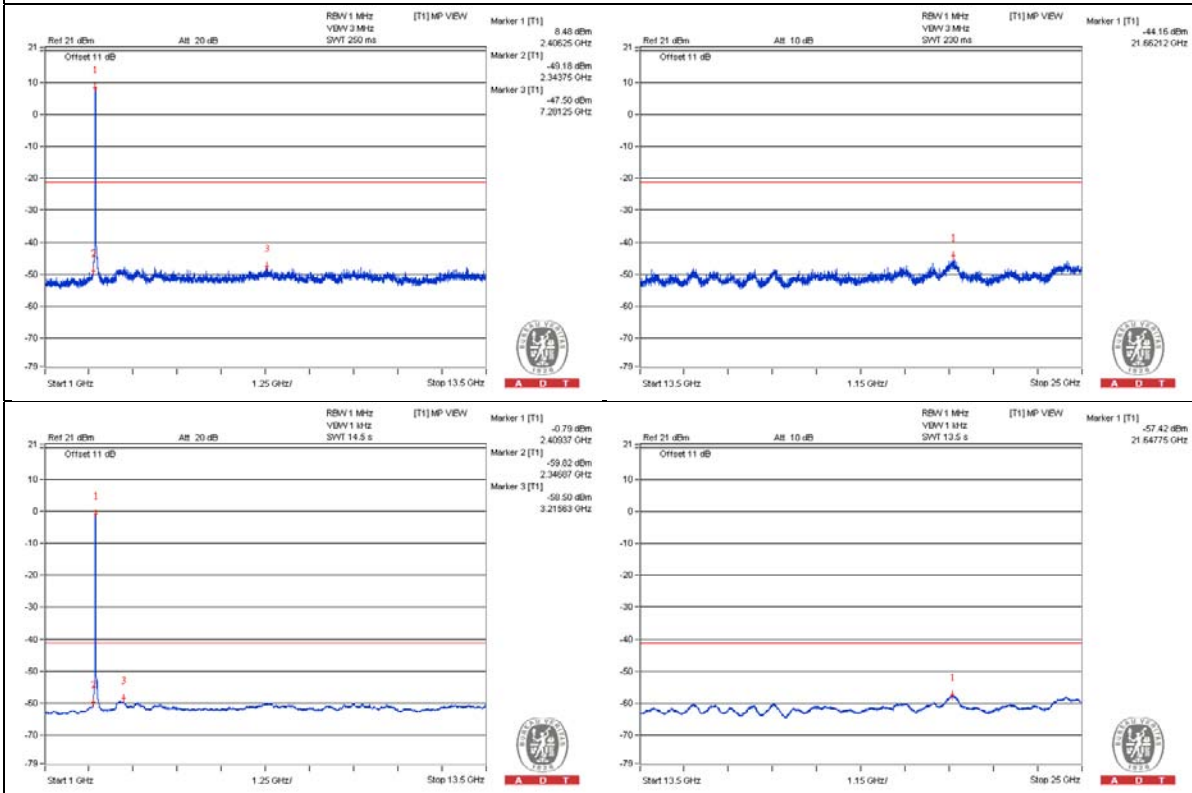
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

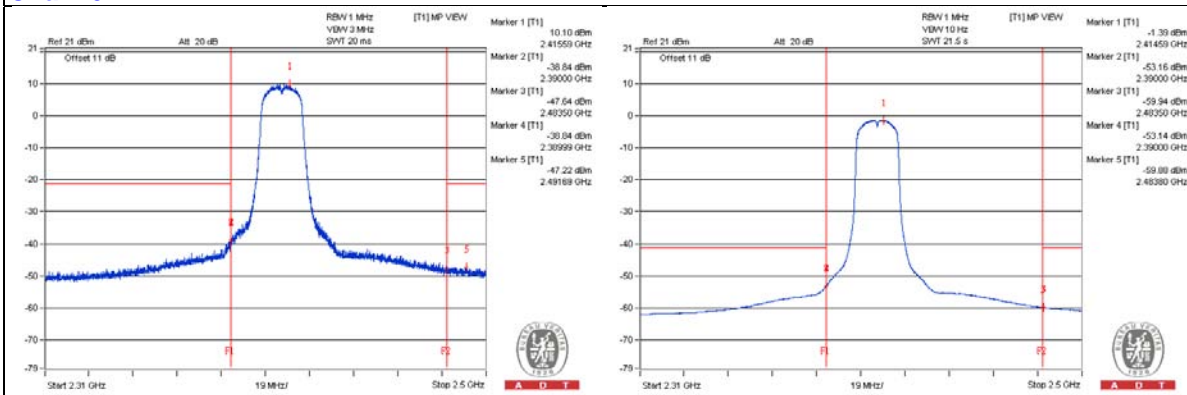
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.99 PK	65.17	74	-8.83	-38.84	-40.84	6.63	-30.09
2	2389.99 AV	51.49	54	-2.51	-53.16	-53.67	6.63	-43.77
3	2484.325 PK	57.73	74	-16.27	-48.86	-45.95	6.63	-37.53
4	2483.8025 AV	44.94	54	-9.06	-59.88	-60.05	6.63	-50.32

Note :

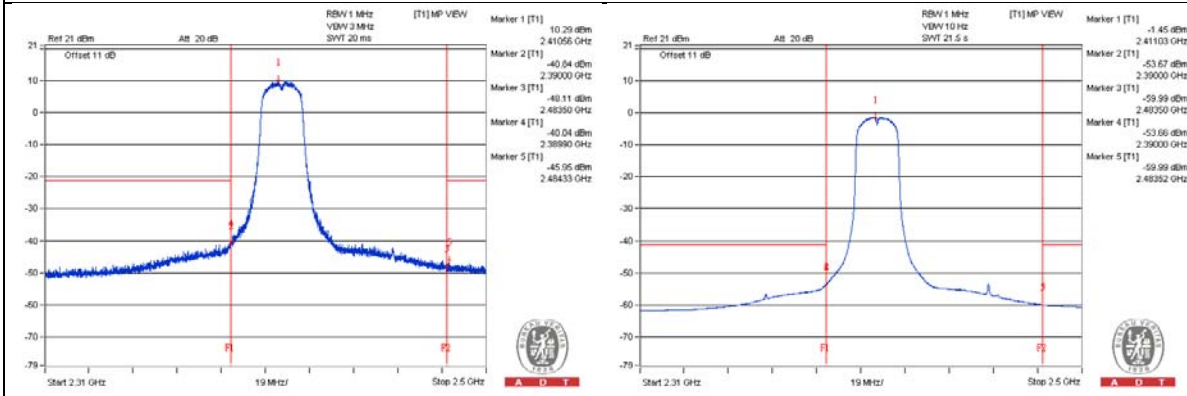
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT20 - Channel 6
Conducted spurious emission table

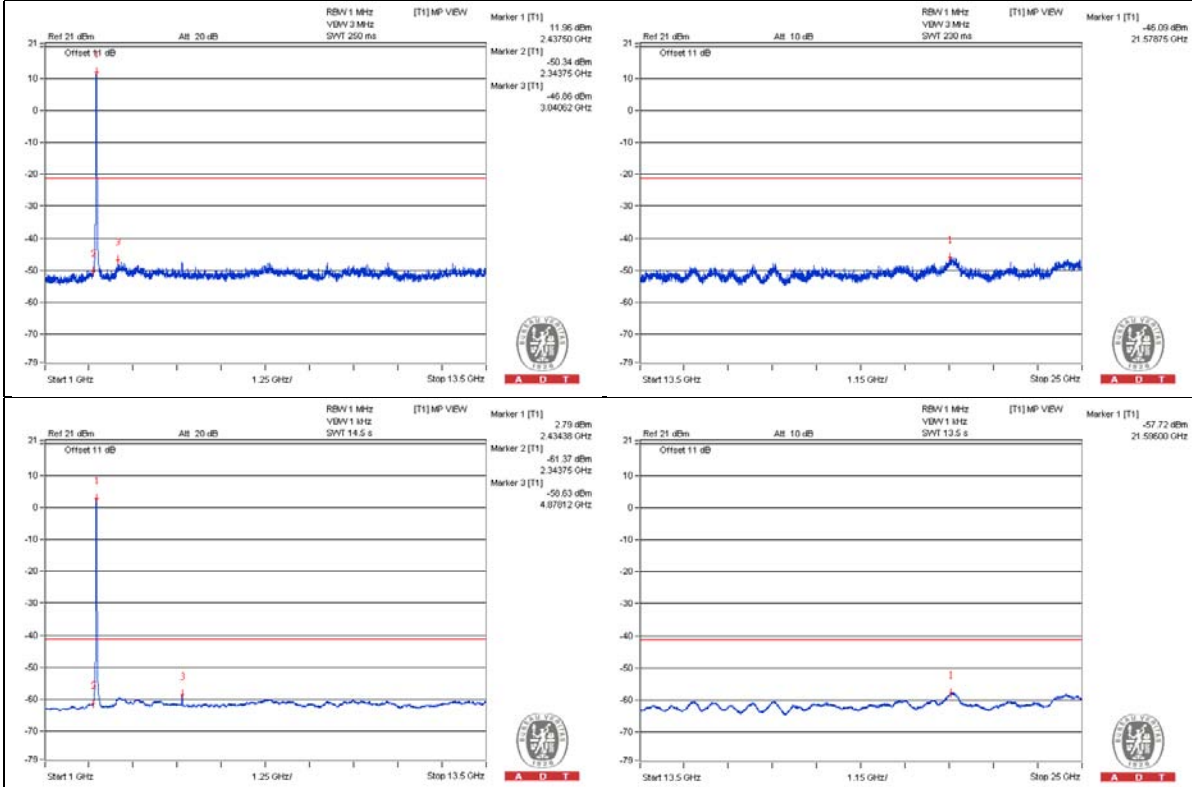
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1625 PK	51.39	74	-22.61	-53.51	-53.51	6.63	-43.87
2	1625 AV	41.77	54	-12.23	-63.15	-63.11	6.63	-53.49
3	4871.875 PK	55.75	74	-18.25	-47.51	-51.82	6.63	-39.51
4	4871.875 AV	44.99	54	-9.01	-58.69	-61.6	6.63	-50.27
5	7312.5 PK	55.71	74	-18.29	-49.68	-48.75	6.63	-39.55
6	7315.625 AV	44.46	54	-9.54	-60.43	-60.46	6.63	-50.8

Note :

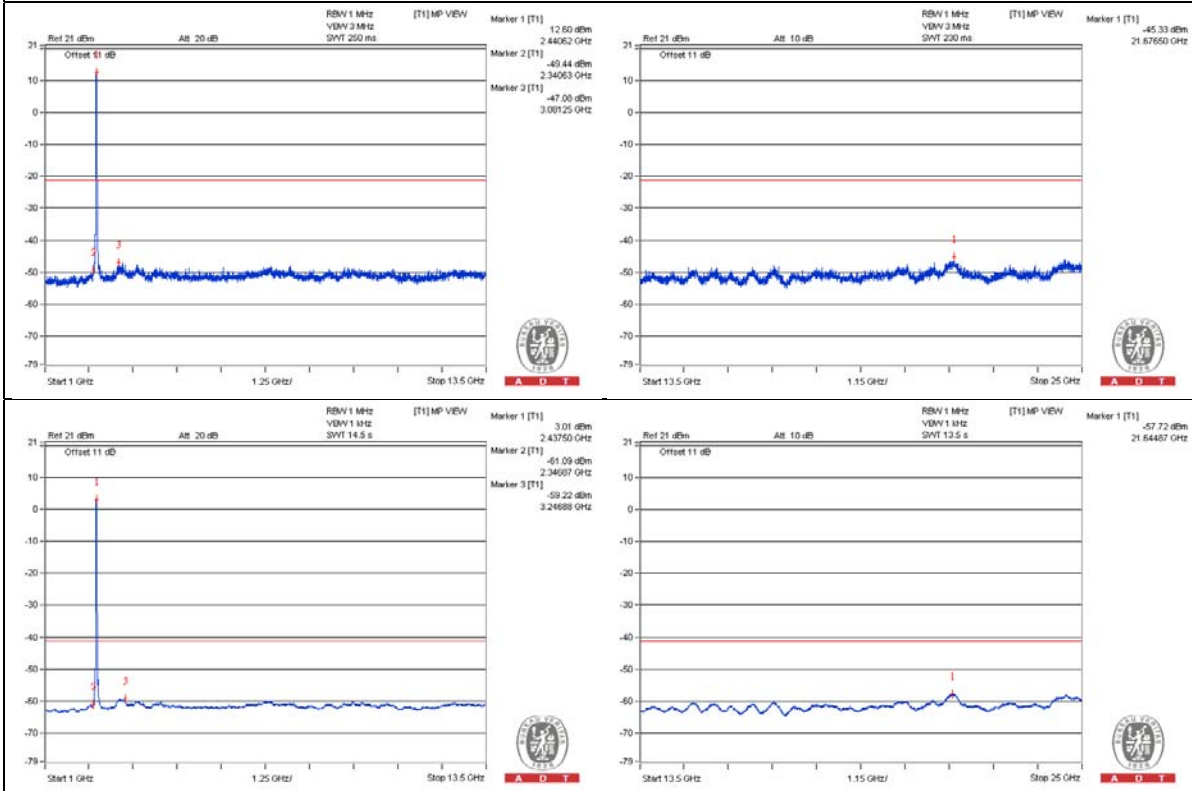
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

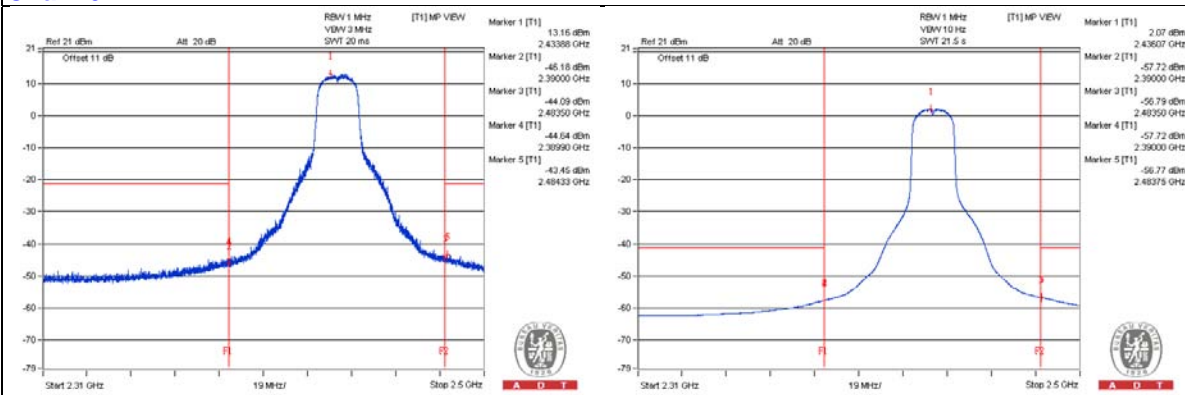
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.2775 PK	60.93	74	-13.07	-45.05	-43.11	6.63	-34.33
2	2389.04 AV	47.82	54	-6.18	-57.87	-56.42	6.63	-47.44
3	2484.8475 PK	61.63	74	-12.37	-44.85	-42.11	6.63	-33.63
4	2484.99 AV	49.84	54	-4.16	-57.02	-53.72	6.63	-45.42

Note :

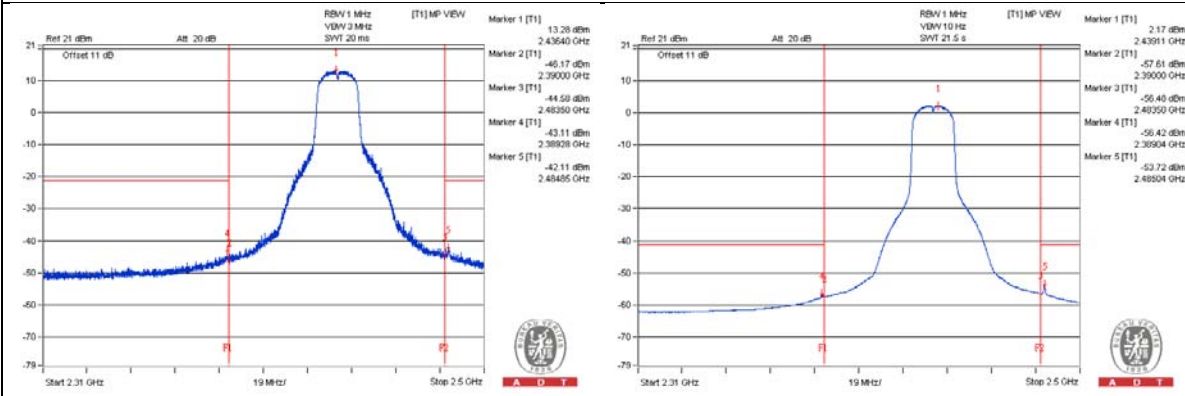
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT20 - Channel 11
Conducted spurious emission table

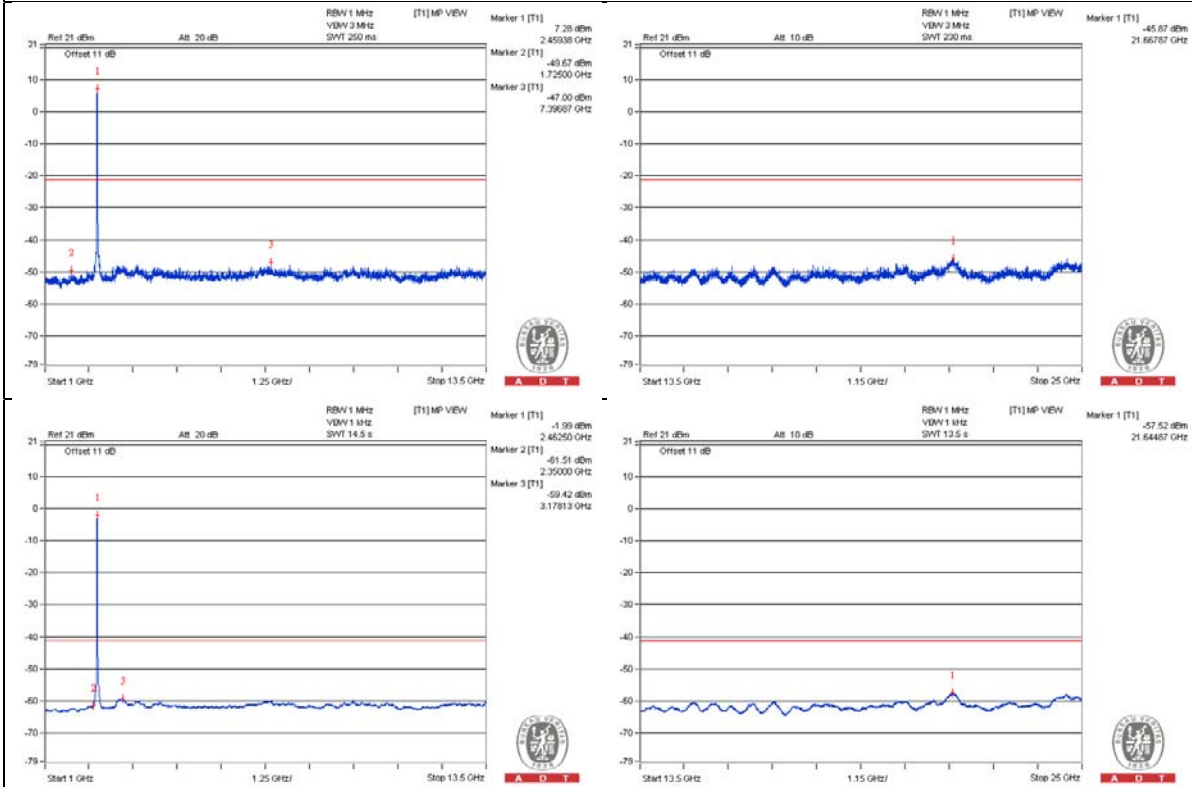
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4925 PK	53.68	74	-20.32	-51.25	-51.19	6.63	-41.58
2	4921.875 AV	43.22	54	-10.78	-61.61	-61.75	6.63	-52.04
3	7384.375 PK	54.89	74	-19.11	-50.06	-49.97	6.63	-40.37
4	7387.5 AV	44.66	54	-9.34	-60.13	-60.35	6.63	-50.6

Note :

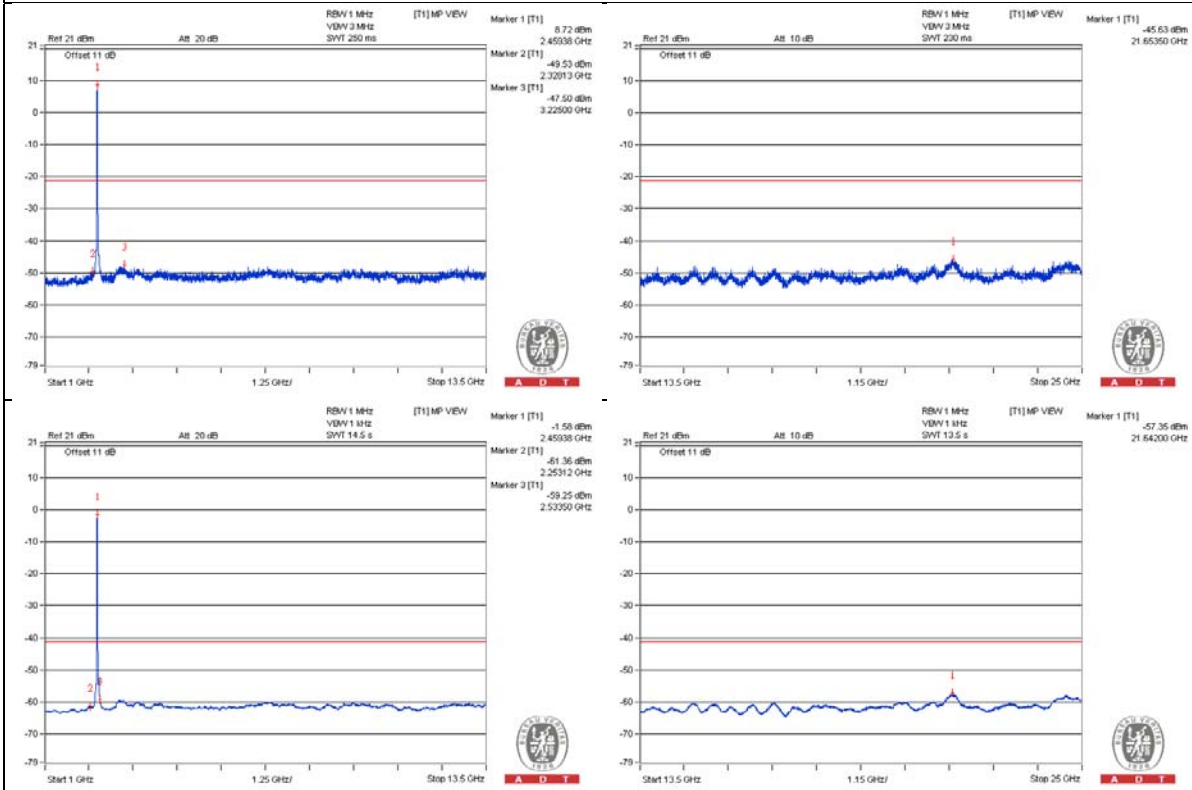
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

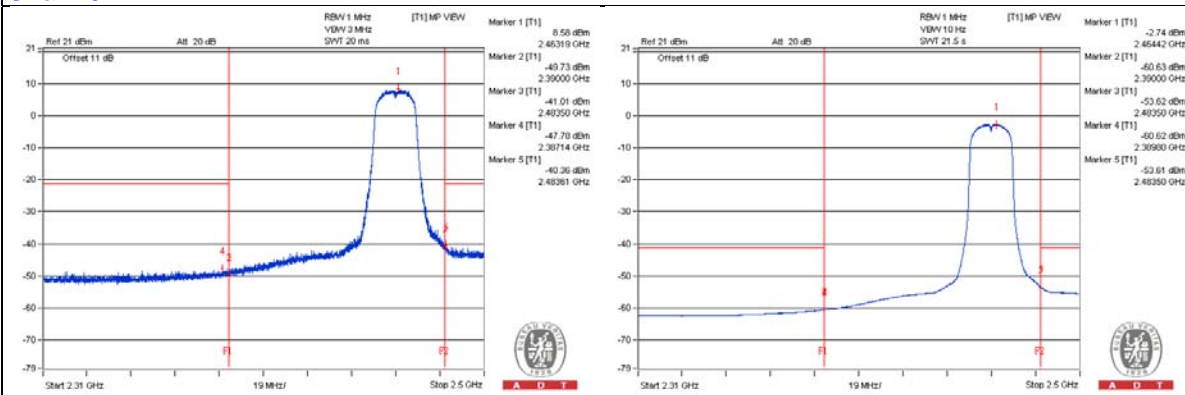
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.14 PK	56.79	74	-17.21	-47.78	-48.47	6.63	-38.47
2	2389.8 AV	44.45	54	-9.55	-60.62	-60.29	6.63	-50.81
3	2483.5175 PK	64.94	74	-9.06	-41.01	-39.11	6.63	-30.32
4	2483.5175 AV	51.6	54	-2.4	-53.62	-53	6.63	-43.66

Note :

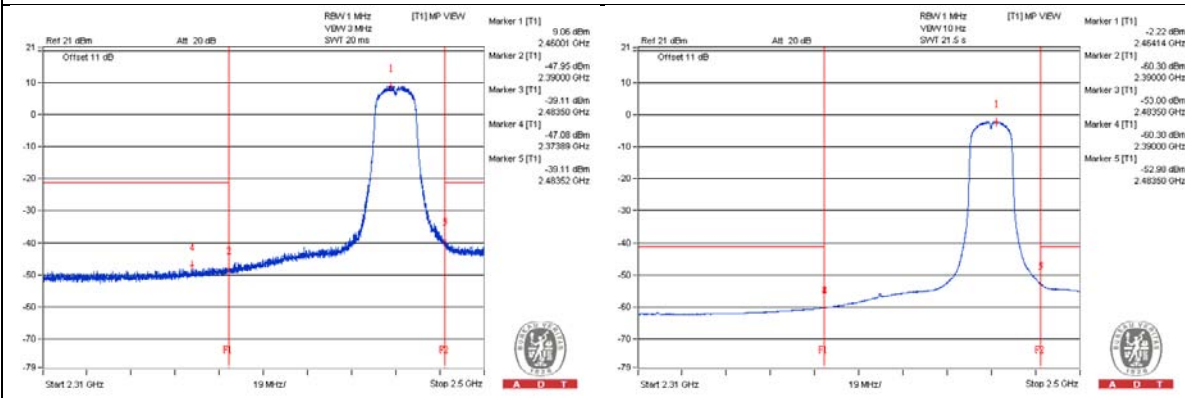
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT20 - Channel 12
Conducted spurious emission table

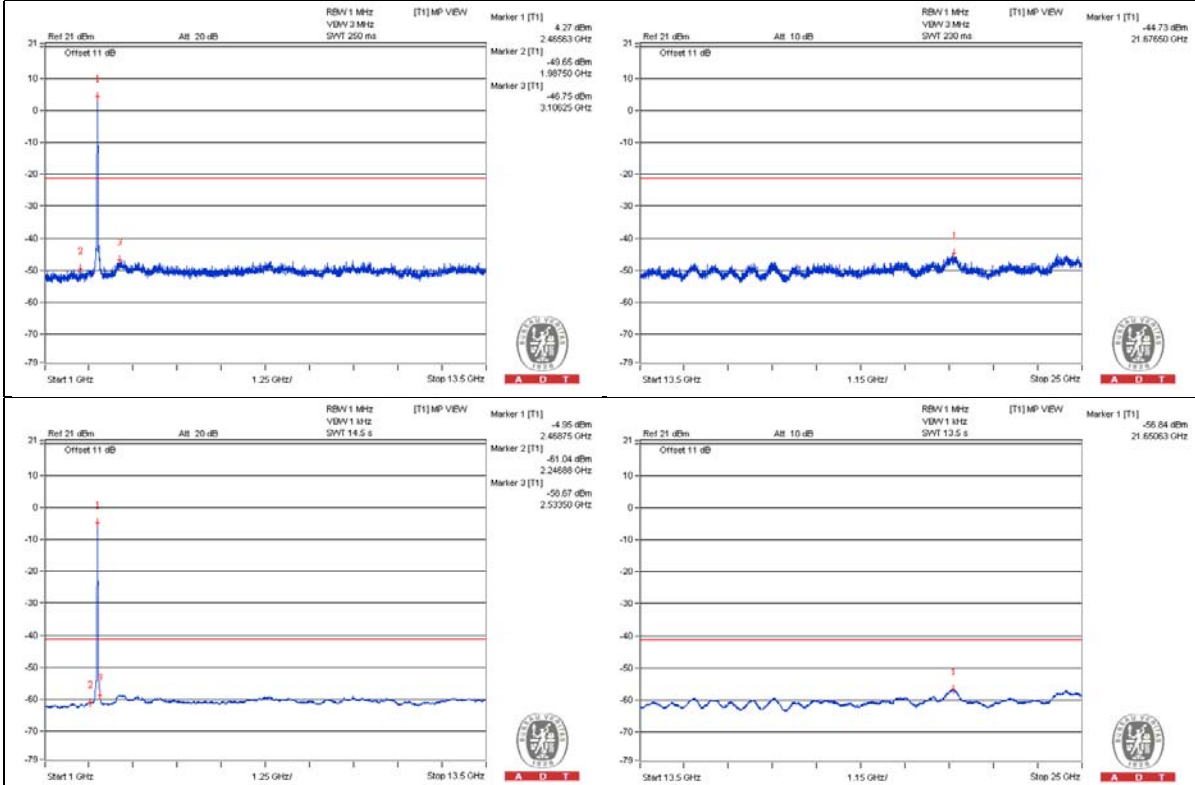
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4931.25 PK	54.69	74	-19.31	-50.28	-50.15	6.63	-40.57
2	4931.25 AV	43.82	54	-10.18	-60.91	-61.26	6.63	-51.44
3	7396.875 PK	56.16	74	-17.84	-48.54	-48.94	6.63	-39.1
4	7403.125 AV	45.29	54	-8.71	-59.57	-59.65	6.63	-49.97

Note :

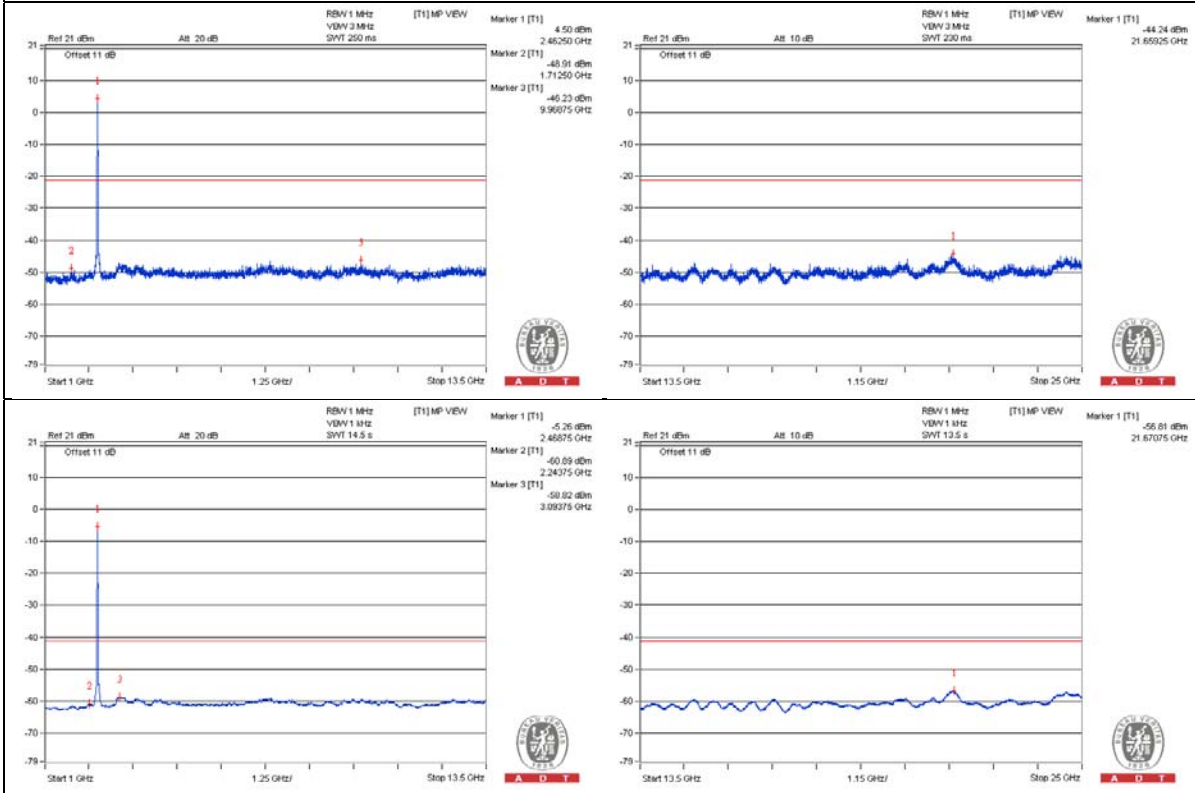
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

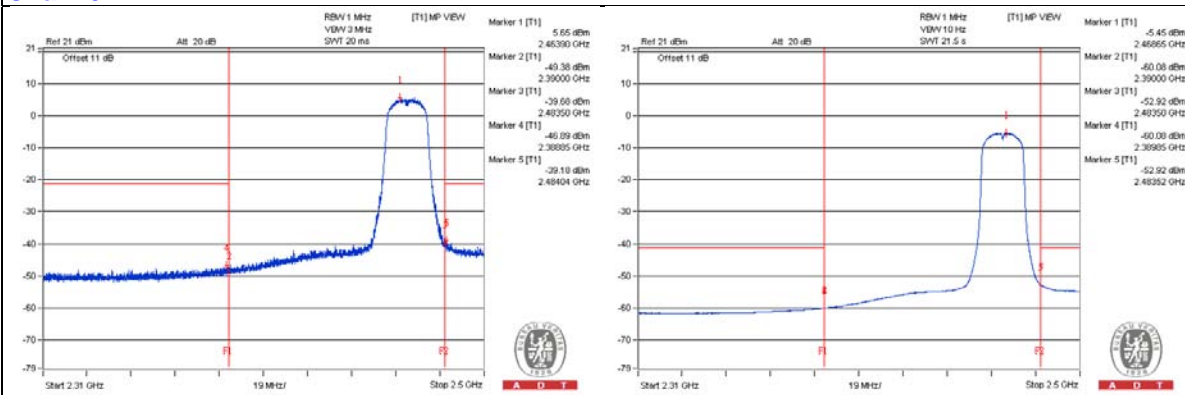
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2388.3275 PK	57.5	74	-16.5	-47.46	-47.34	6.63	-37.76
2	2389.99 AV	44.56	54	-9.44	-60.08	-60.62	6.63	-50.7
3	2483.565 PK	64.82	74	-9.18	-39.34	-40.97	6.63	-30.44
4	2483.5175 AV	51.74	54	-2.26	-52.92	-53.41	6.63	-43.52

Note :

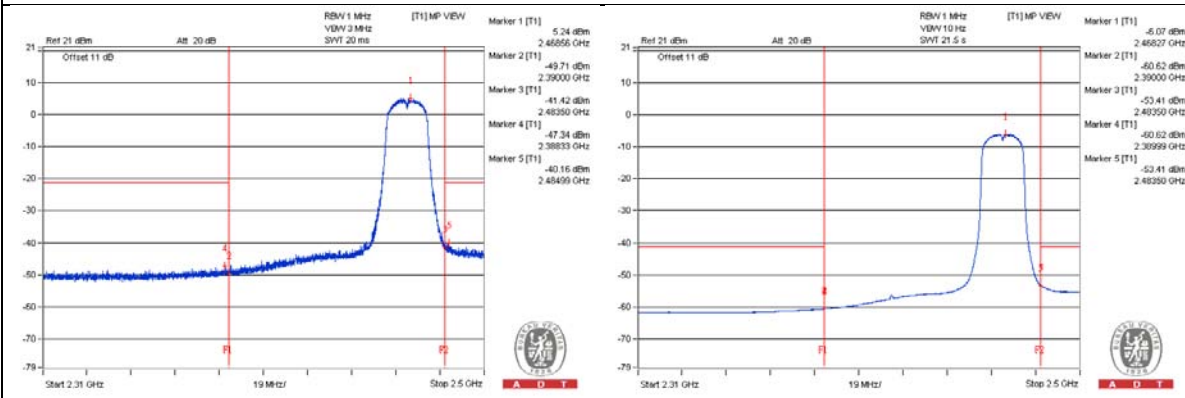
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT20 - Channel 13
Conducted spurious emission table

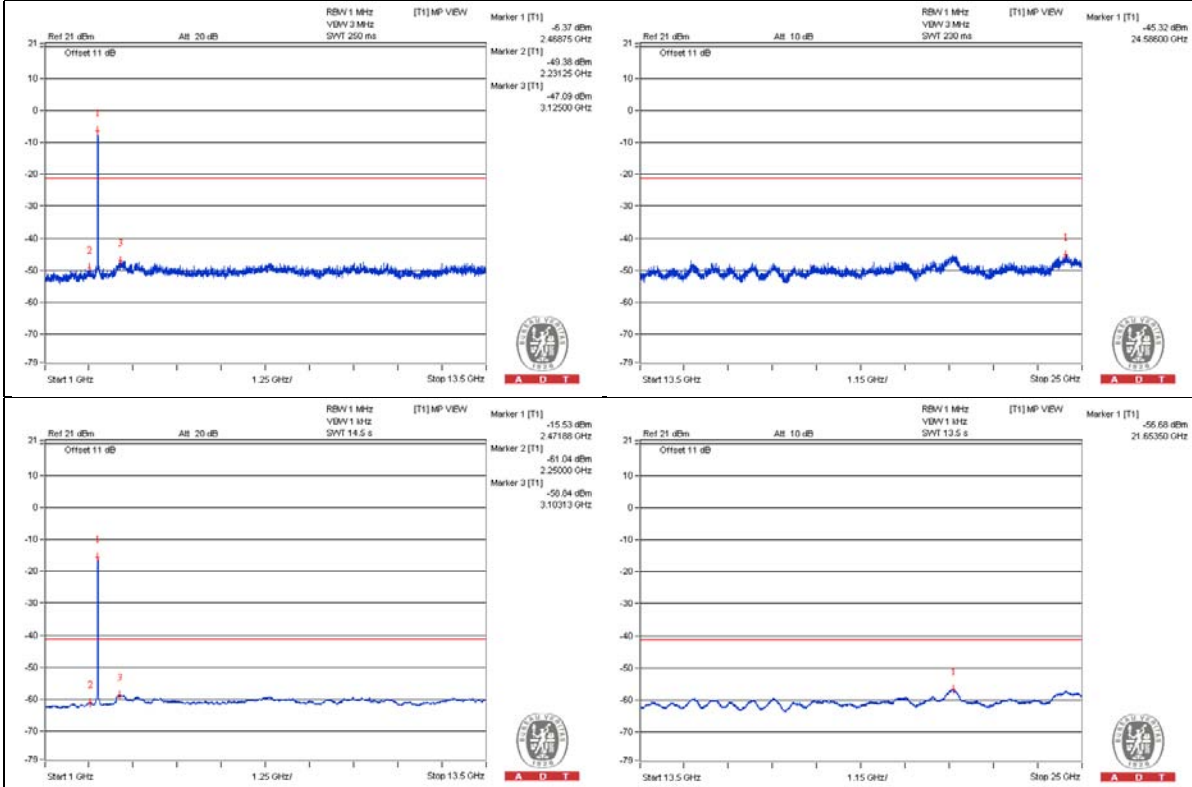
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4946.875 PK	53.84	74	-20.16	-51.41	-50.74	6.63	-41.42
2	4946.875 AV	43.62	54	-10.38	-61.26	-61.3	6.63	-51.64
3	7418.75 PK	56	74	-18	-48.96	-48.84	6.63	-39.26
4	7418.75 AV	45.44	54	-8.56	-59.38	-59.54	6.63	-49.82

Note :

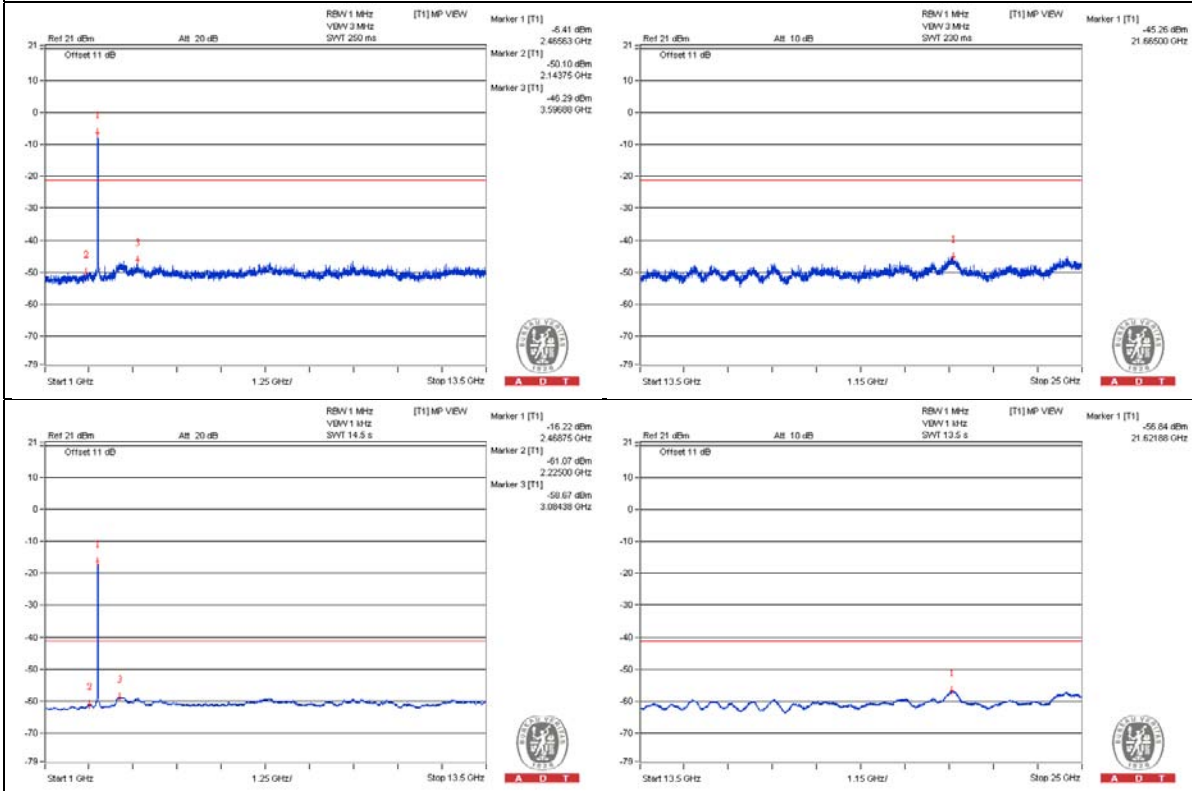
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

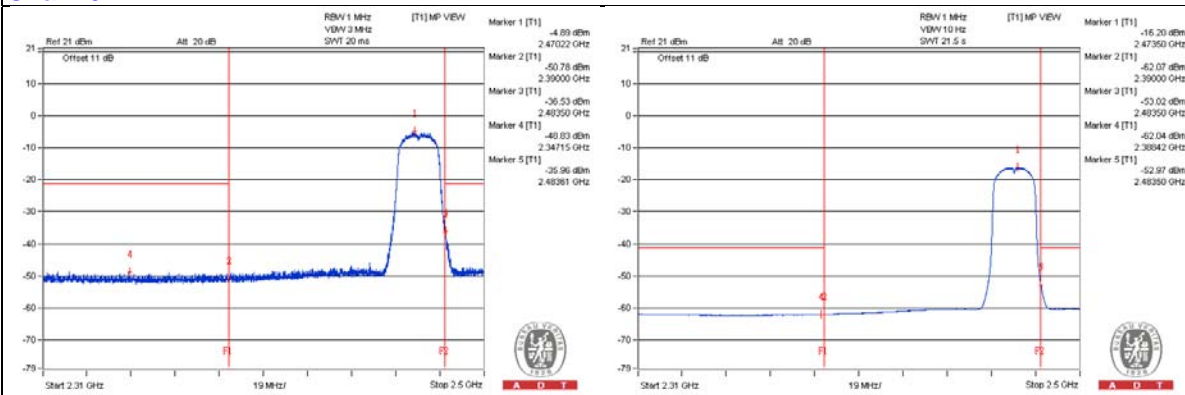
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2386.6175 PK	55.44	74	-18.56	-49.51	-49.42	6.63	-39.82
2	2310 AV	42.89	54	-11.11	-61.98	-62.04	6.63	-52.37
3	2483.5175 PK	68.03	74	-5.97	-36.53	-37.25	6.63	-27.23
4	2483.5175 AV	51.75	54	-2.25	-53.02	-53.28	6.63	-43.51

Note :

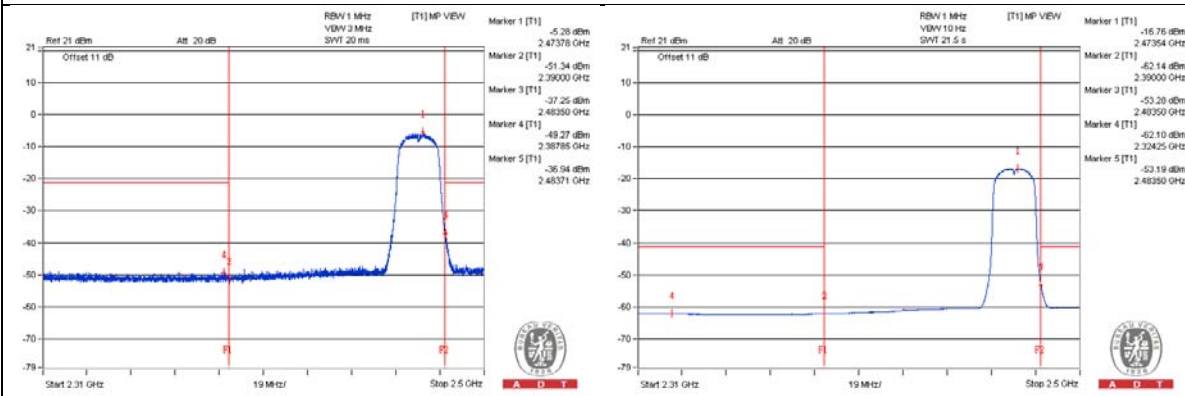
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT40 - Channel 3
Conducted spurious emission table

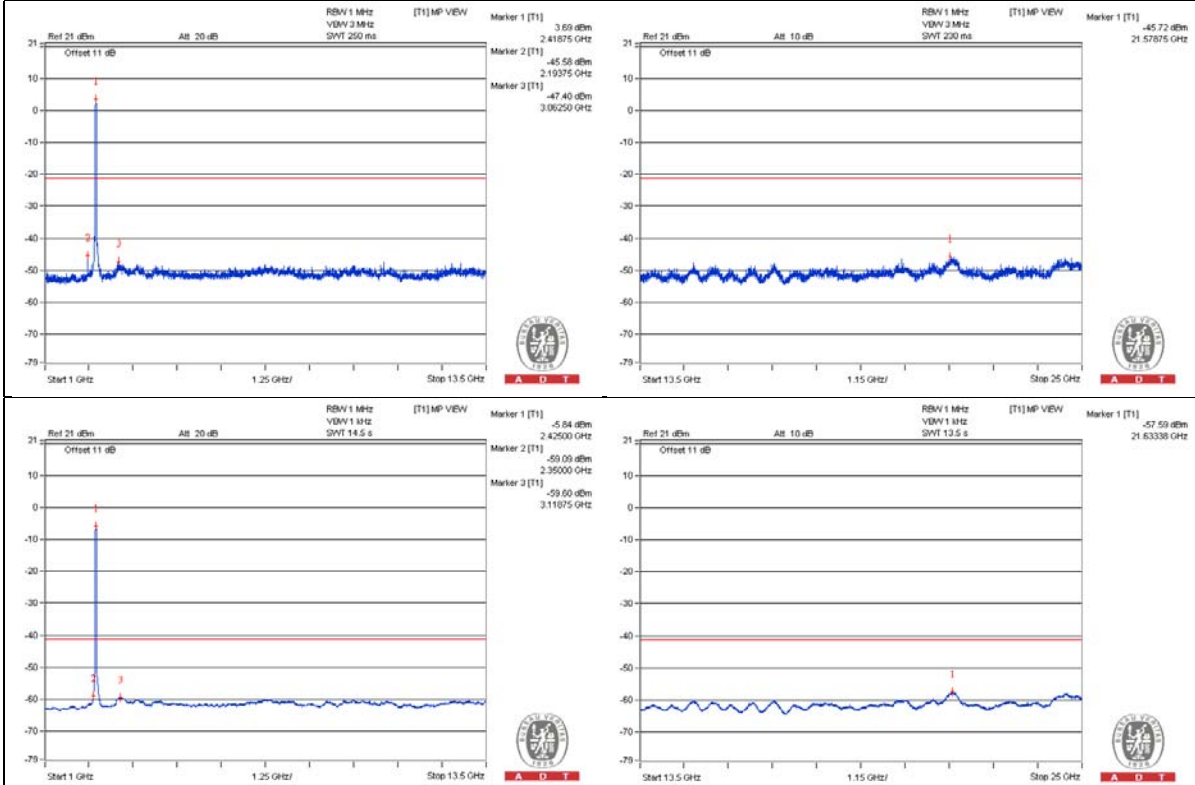
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1615.625 PK	51.79	74	-22.21	-53.13	-53.09	6.63	-43.47
2	1615.625 AV	41.71	54	-12.29	-63.25	-63.13	6.63	-53.55
3	4840.625 PK	53.74	74	-20.26	-50.36	-52.13	6.63	-41.52
4	4843.75 AV	43.31	54	-10.69	-61.41	-61.78	6.63	-51.95
5	7262.5 PK	55.11	74	-18.89	-49.93	-49.65	6.63	-40.15
6	7262.5 AV	44.71	54	-9.29	-60.22	-60.17	6.63	-50.55

Note :

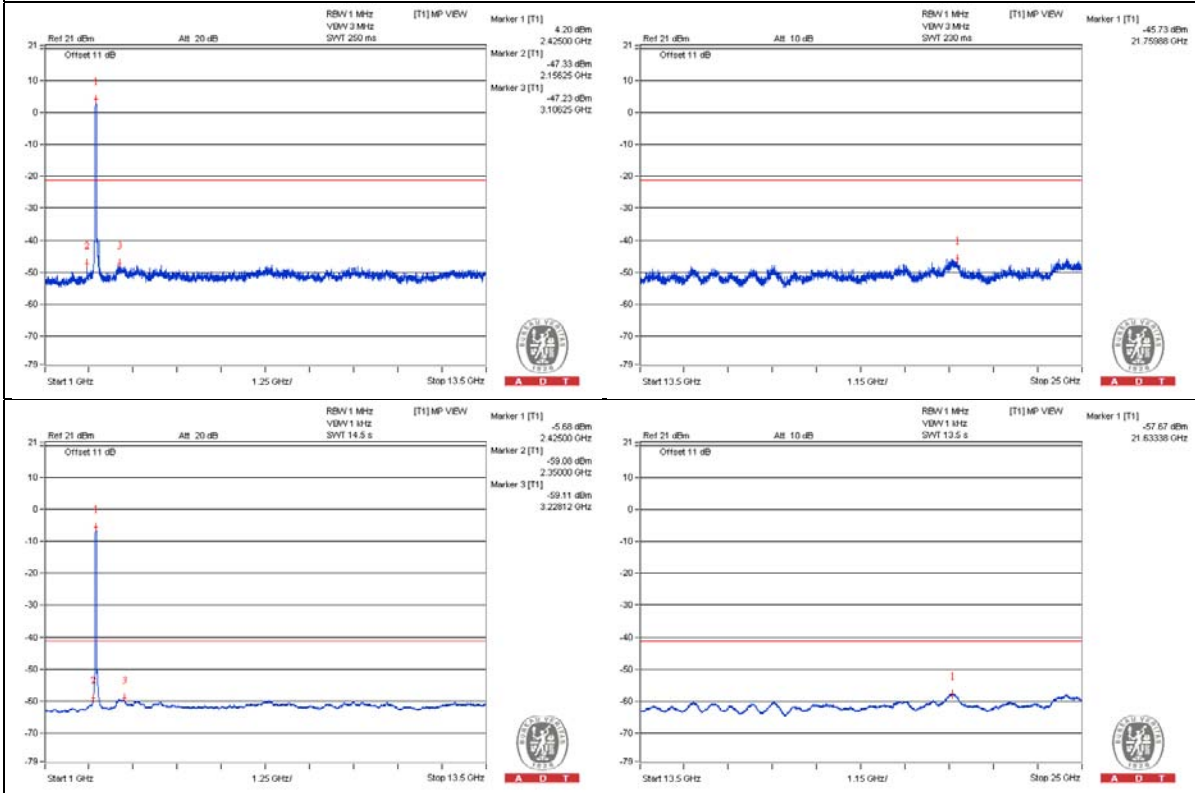
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

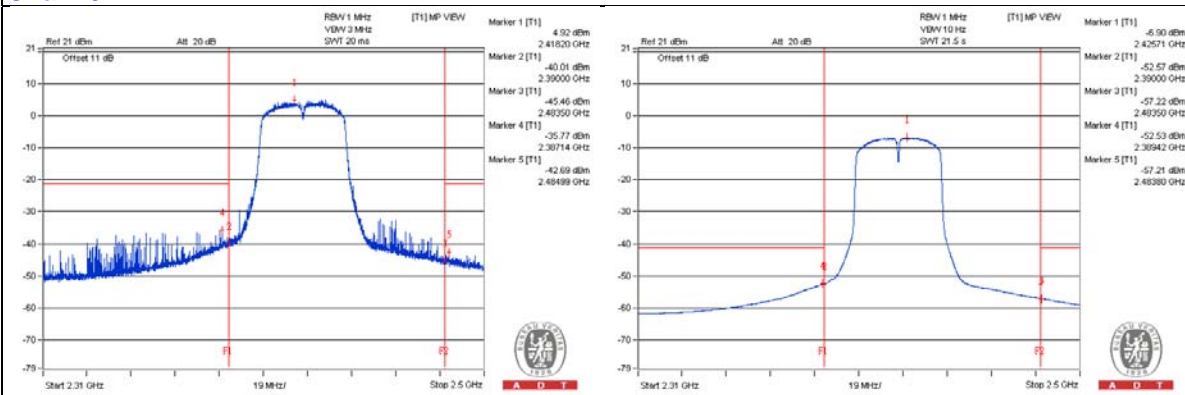
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.325 PK	71.39	74	-2.61	-39.58	-31.07	6.63	-23.87
2	2389.99 AV	52.39	54	-1.61	-52.57	-52.45	6.63	-42.87
3	2490.31 PK	63.51	74	-10.49	-46.74	-39.06	6.63	-31.75
4	2483.5175 AV	47.83	54	-6.17	-57.22	-56.93	6.63	-47.43

Note :

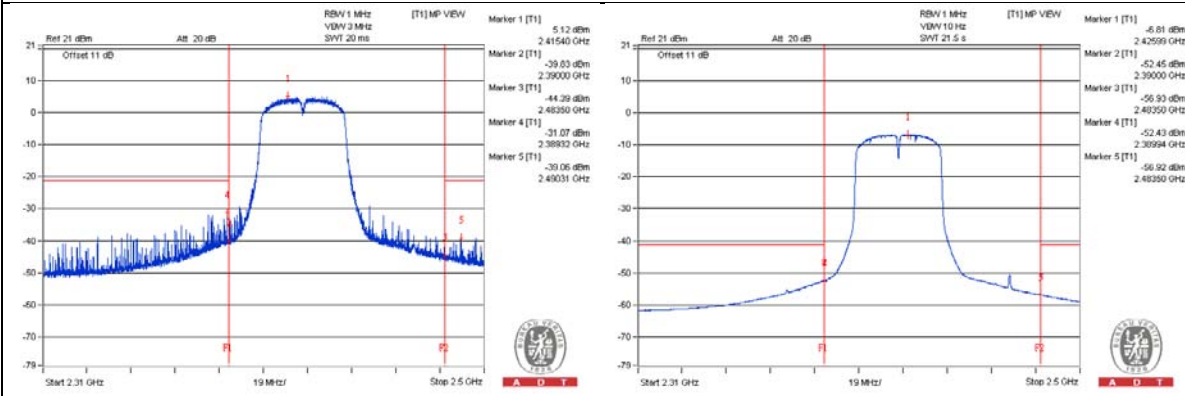
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT40 - Channel 6
Conducted spurious emission table

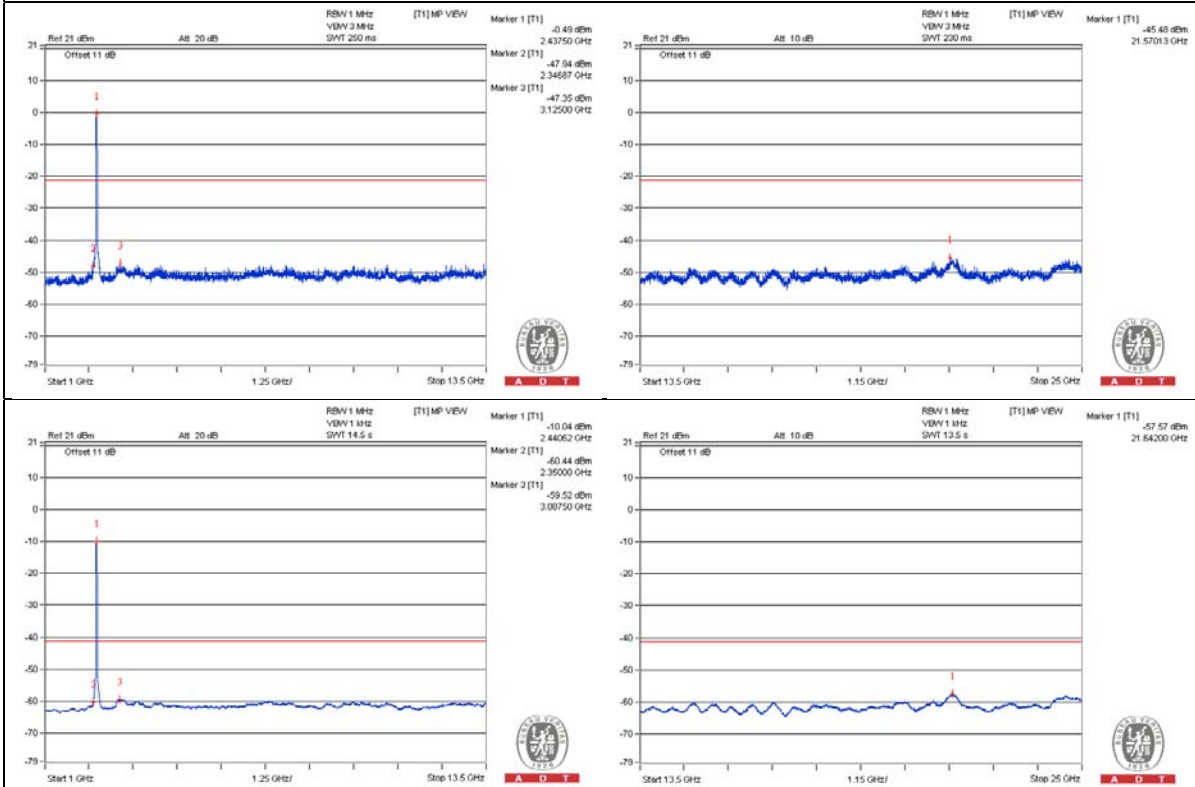
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1625 PK	51.97	74	-22.03	-52.65	-53.22	6.63	-43.29
2	1625 AV	41.73	54	-12.27	-63.08	-63.27	6.63	-53.53
3	4875 PK	53.8	74	-20.2	-50.76	-51.47	6.63	-41.46
4	4871.875 AV	43.2	54	-10.8	-61.67	-61.73	6.63	-52.06
5	7309.375 PK	55.4	74	-18.6	-49.92	-49.11	6.63	-39.86
6	7312.5 AV	44.54	54	-9.46	-60.38	-60.35	6.63	-50.72

Note :

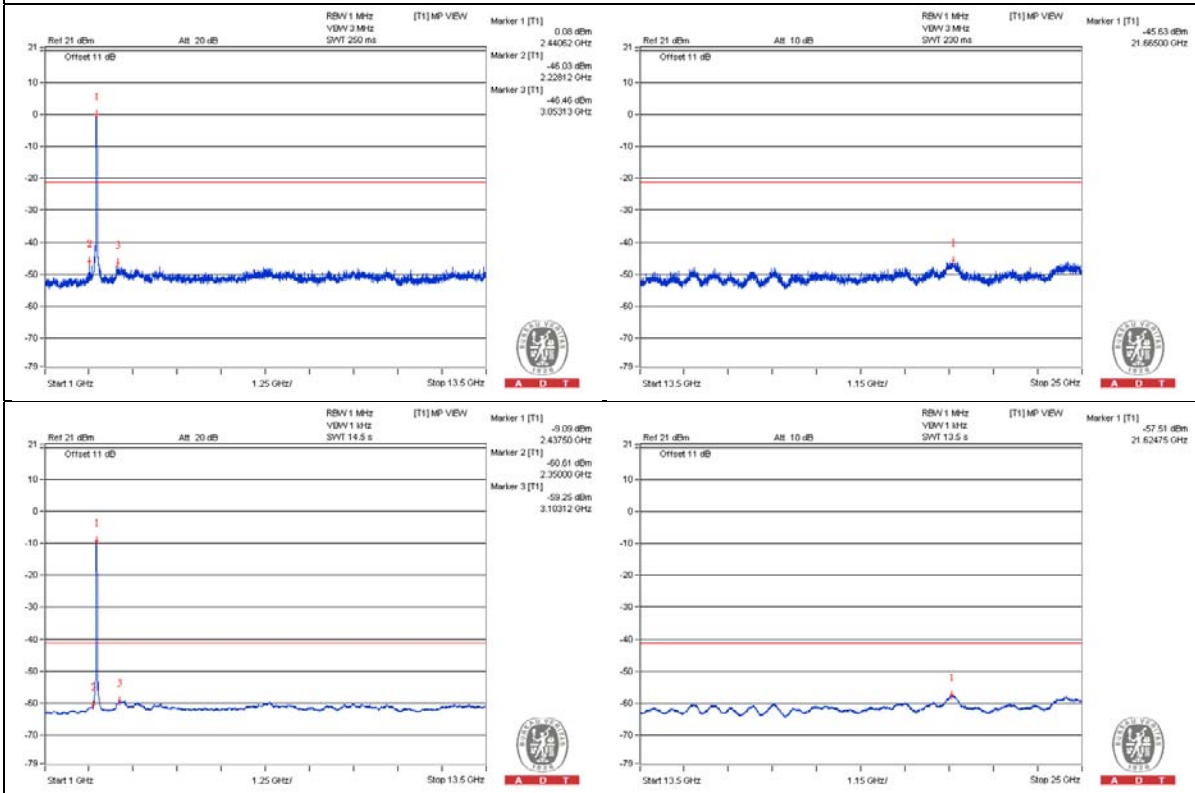
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

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	2388.9925 PK	77.76	74	* 3.76	-29.06	-25.81	6.63	-17.5
2	2389.99 AV	64.07	54	* 10.07	-42.48	-39.64	6.63	-31.19
3	2483.66 PK	82.02	74	* 8.02	-25.41	-21.29	6.63	-13.24
4	2483.5175 AV	68.14	54	* 14.14	-38.55	-35.49	6.63	-27.12

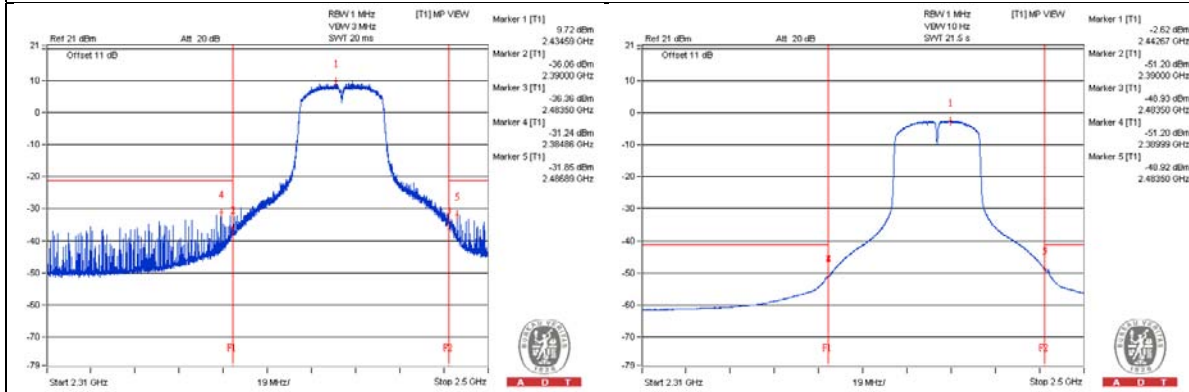
Note :

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

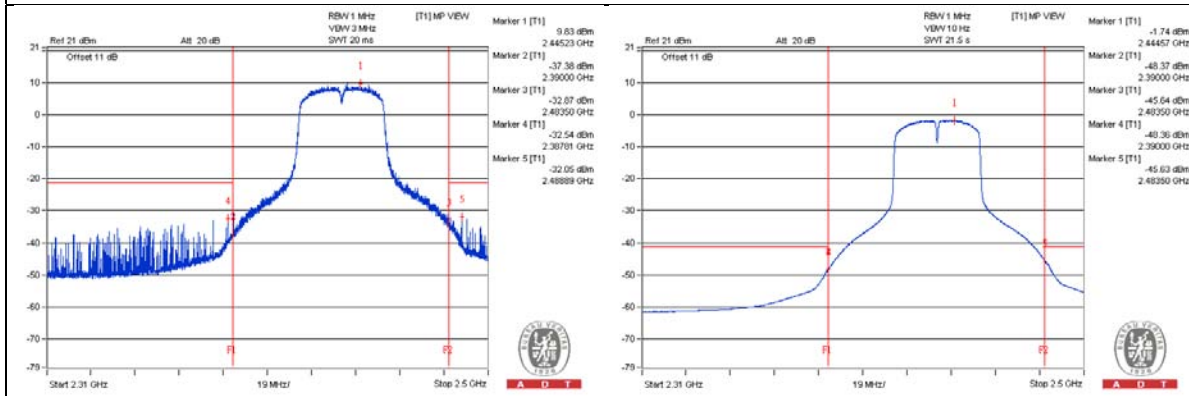
d = measurement distance in 3 meters.

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

Chain 0



Chain 1



VHT40 - Channel 9
Conducted spurious emission table

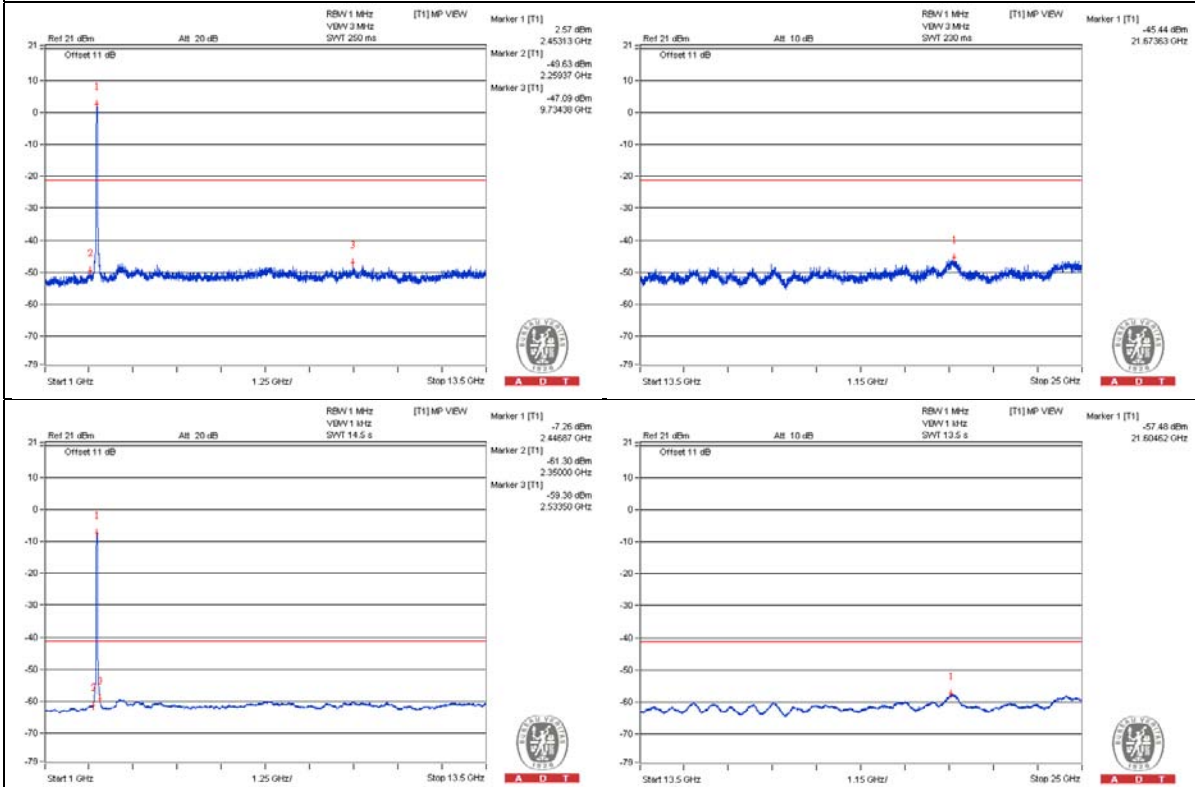
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4903.125 PK	53.34	74	-20.66	-51.64	-51.48	6.63	-41.92
2	4900 AV	43.09	54	-10.91	-61.68	-61.94	6.63	-52.17
3	7353.125 PK	55.38	74	-18.62	-49.07	-50.03	6.63	-39.88
4	7359.375 AV	44.85	54	-9.15	-60.07	-60.03	6.63	-50.41

Note :

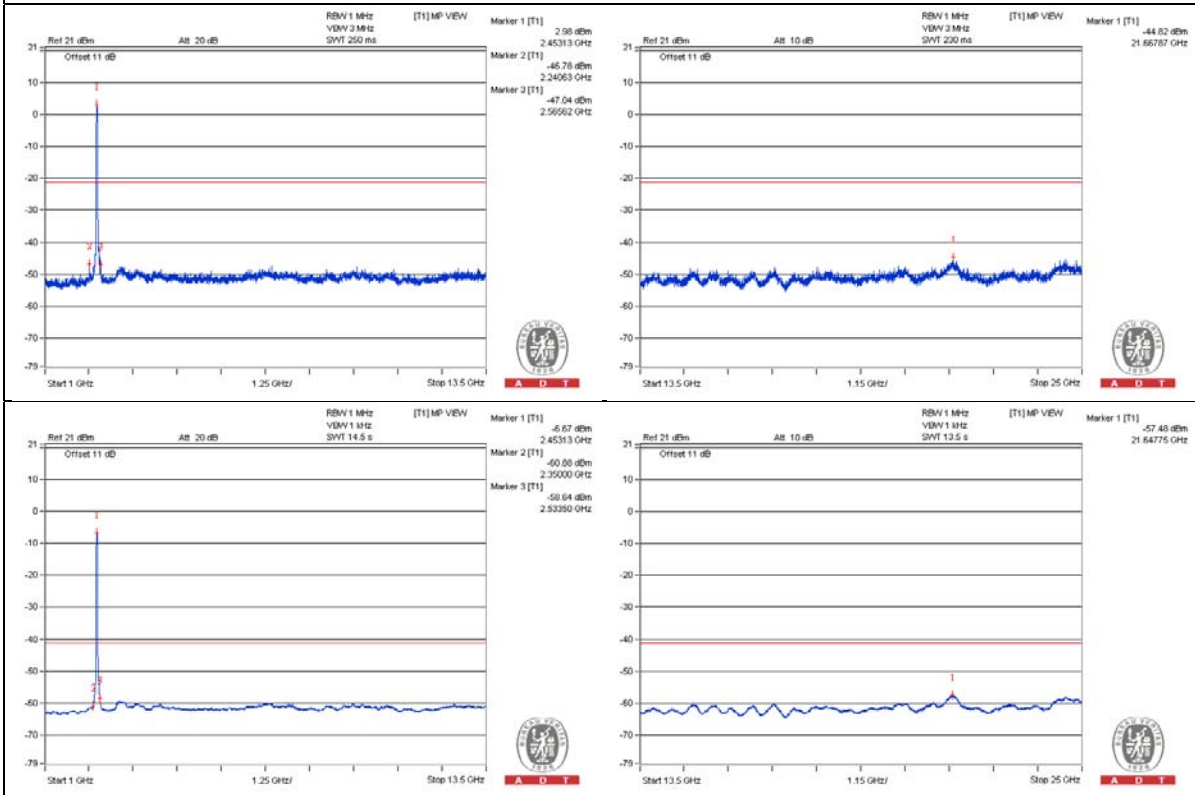
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

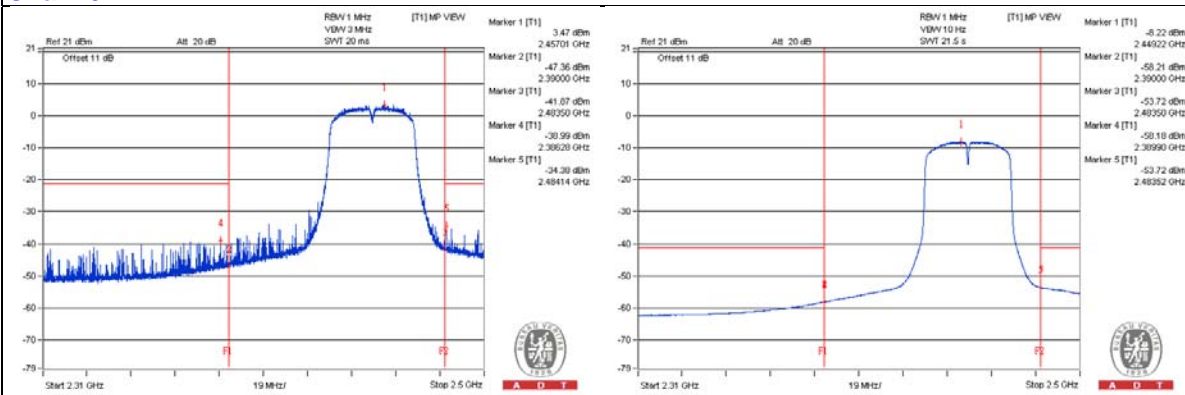
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.99 PK	63.94	74	-10.06	-47.36	-38.48	6.63	-31.32
2	2389.8 AV	46.96	54	-7.04	-58.21	-57.69	6.63	-48.3
3	2486.225 PK	69.71	74	-4.29	-35.18	-35.21	6.63	-25.55
4	2499.9525 AV	52.12	54	-1.88	-55.61	-51.08	6.63	-43.14

Note :

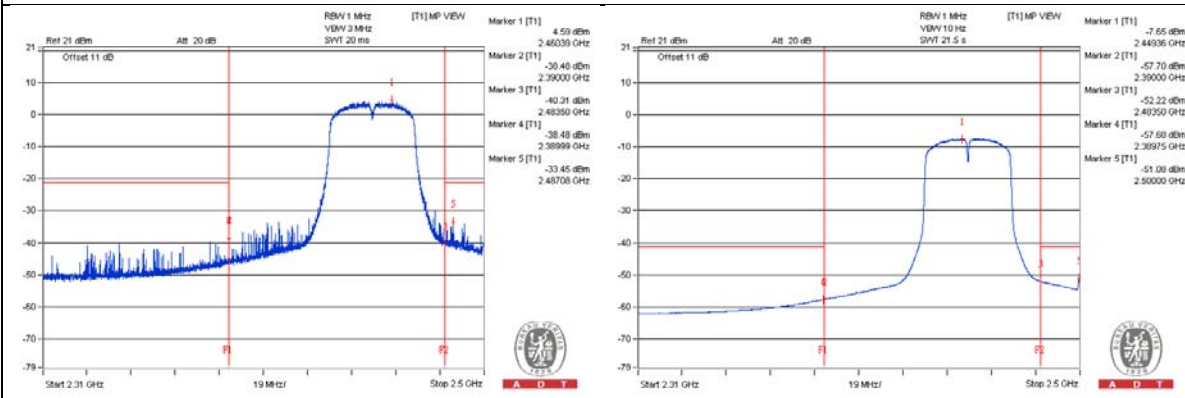
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



VHT40 - Channel 10
Conducted spurious emission table

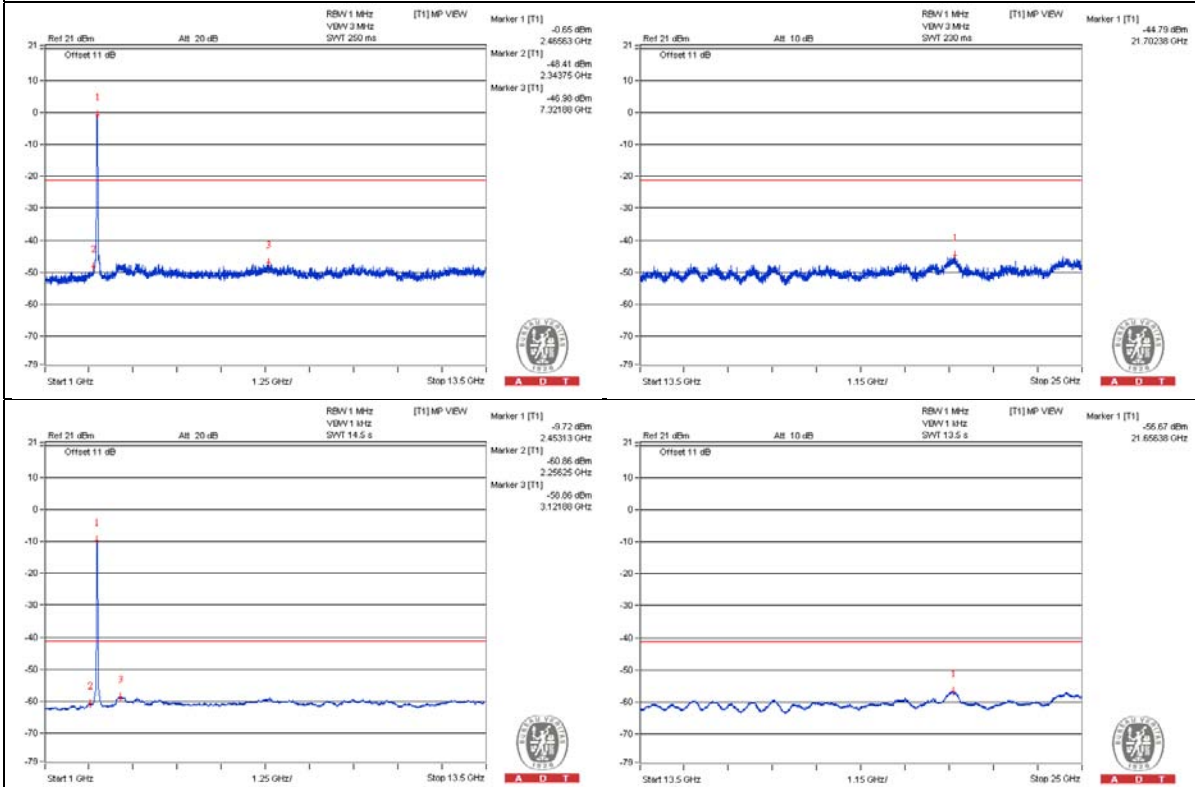
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4909.375 PK	54.67	74	-19.33	-49.75	-50.78	6.63	-40.59
2	4912.5 AV	43.7	54	-10.3	-61.32	-61.08	6.63	-51.56
3	7375 PK	56.76	74	-17.24	-48.71	-47.64	6.63	-38.5
4	7368.75 AV	45.77	54	-8.23	-59.08	-59.19	6.63	-49.49

Note :

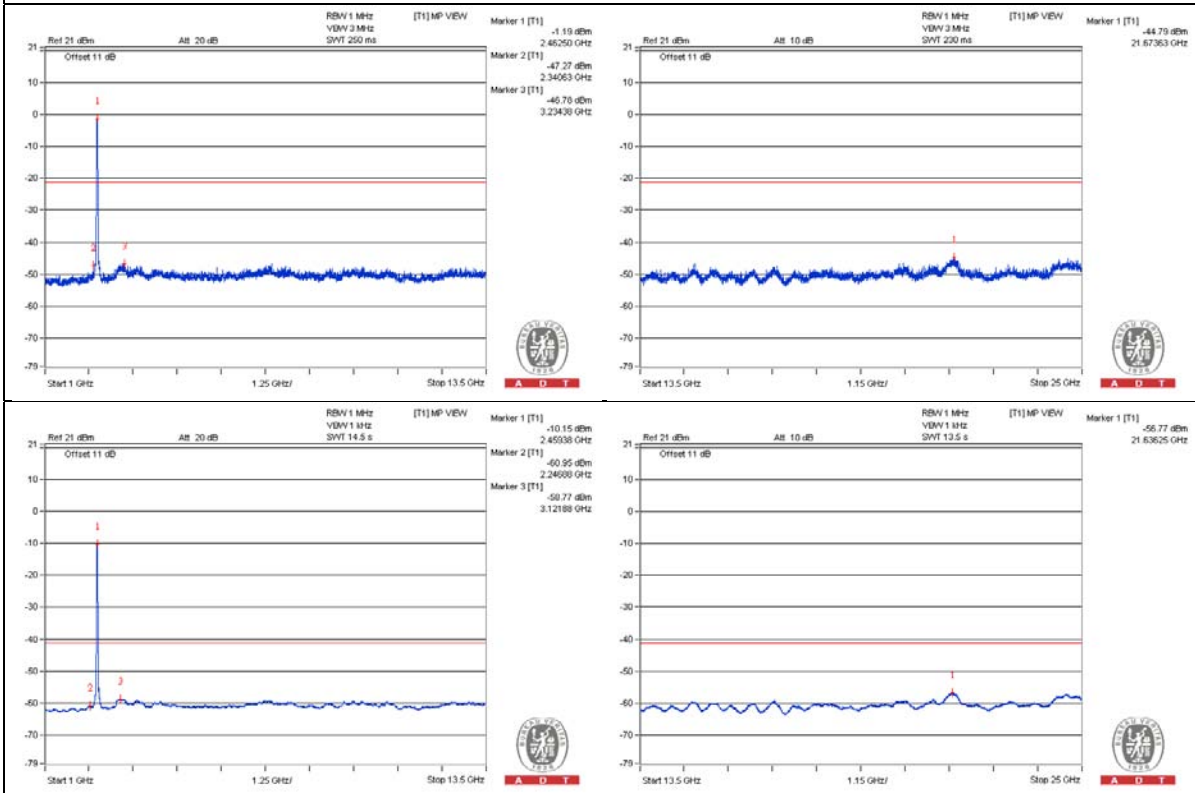
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

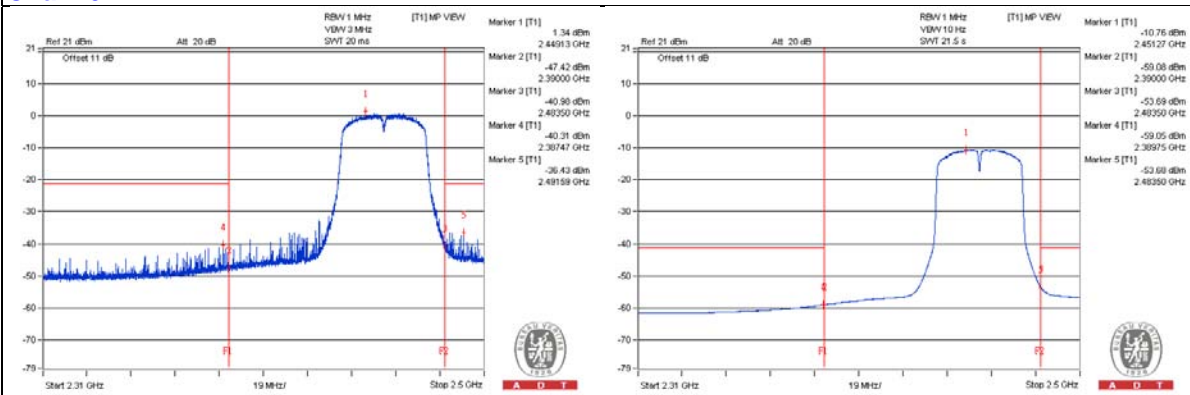
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.4725 PK	62.28	74	-11.72	-40.31	-47.86	6.63	-32.98
2	2389.7525 AV	45.48	54	-8.52	-59.05	-59.83	6.63	-49.78
3	2483.945 PK	69.46	74	-4.54	-41.57	-32.99	6.63	-25.8
4	2483.5175 AV	51.13	54	-2.87	-53.69	-53.85	6.63	-44.13

Note :

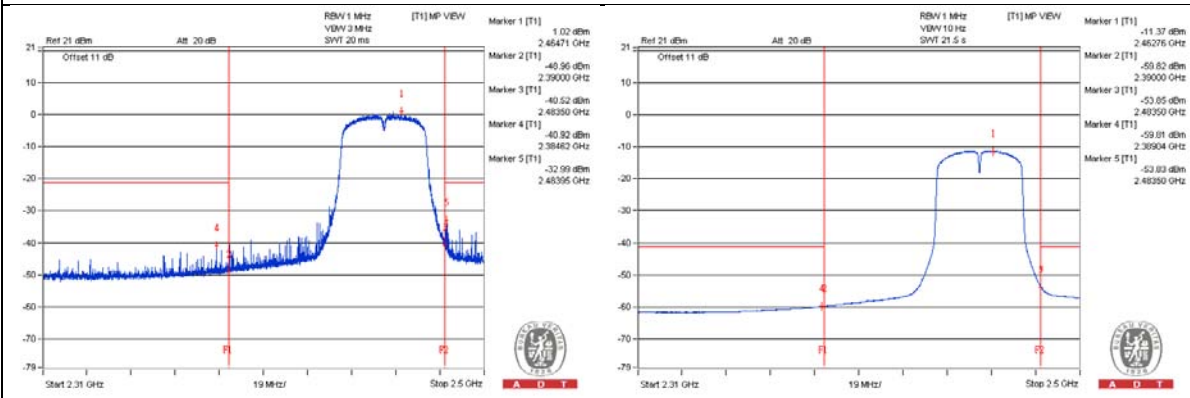
$$\text{Emission Level (dBuV/m)} = \text{EIRP Level (dBm)} - 20\log(d) + 104.8$$

d = measurement distance in 3 meters.

Chain 0



Chain 1



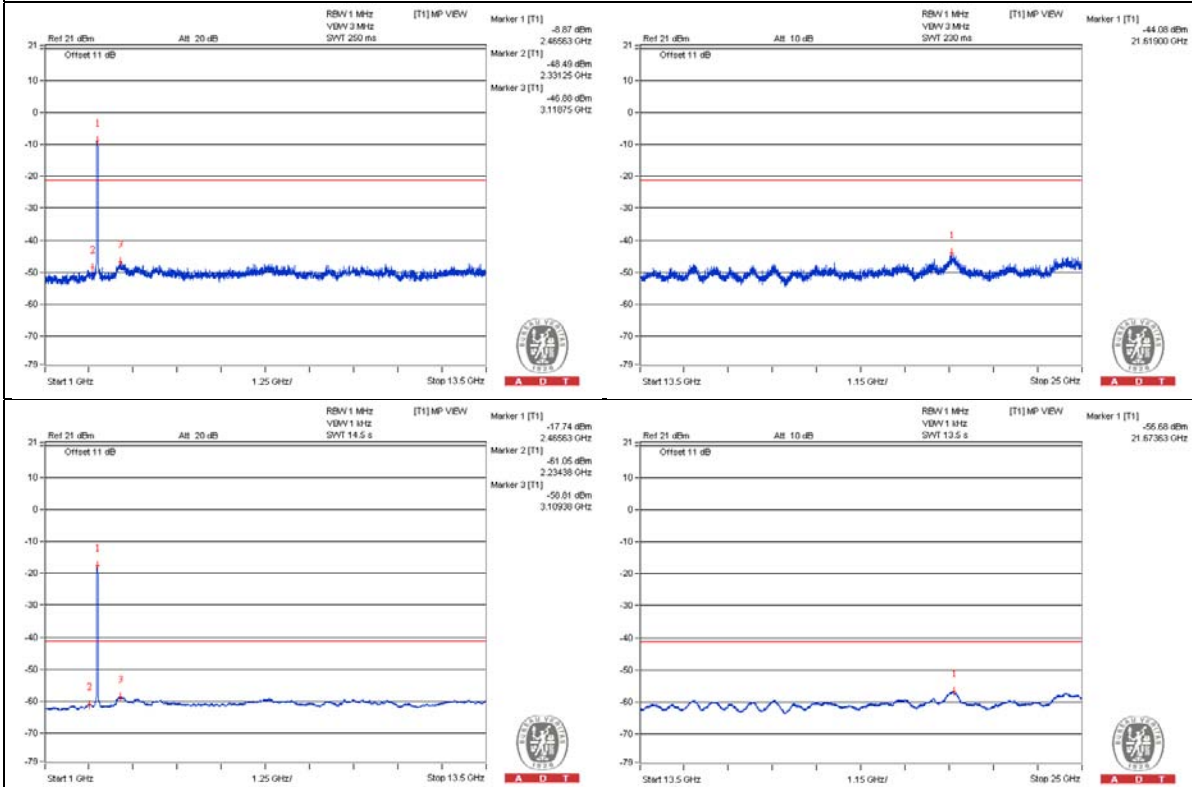
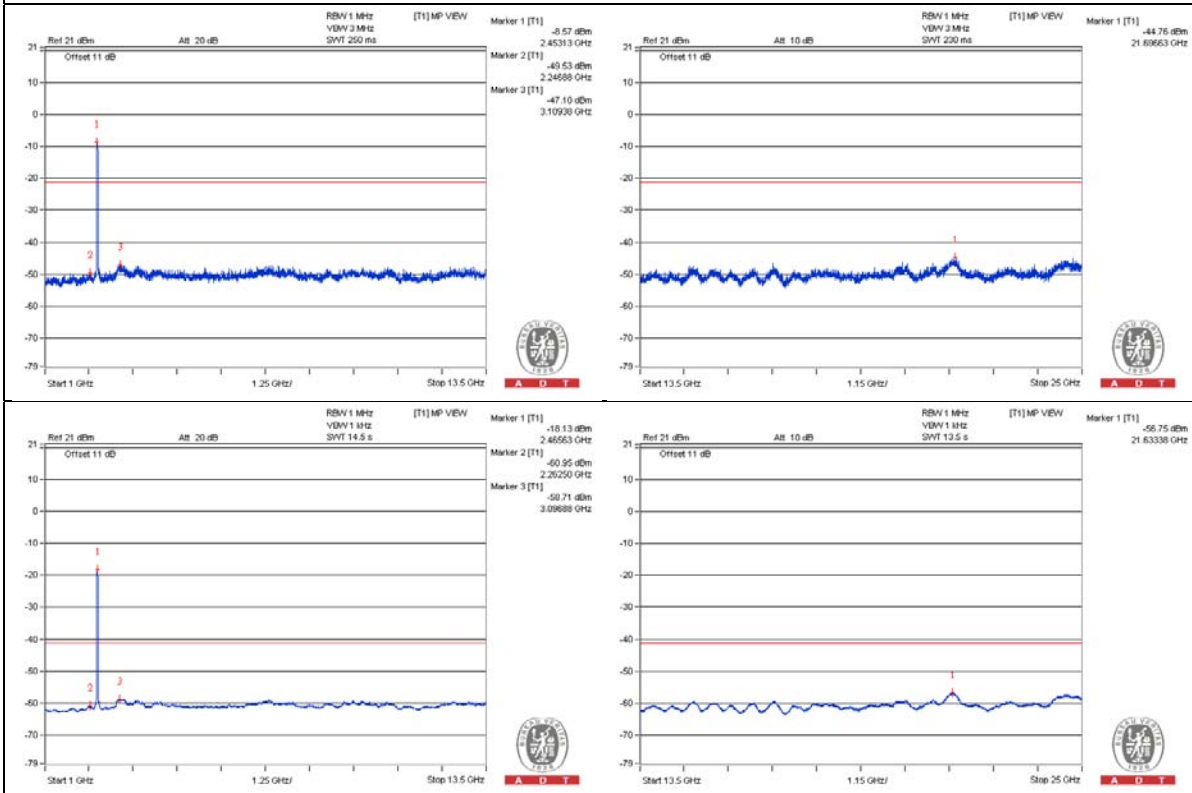
VHT40 - Channel 11
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4925 PK	54.56	74	-19.44	-49.93	-50.79	6.63	-40.7
2	4925 AV	43.66	54	-10.34	-61.19	-61.29	6.63	-51.6
3	7381.25 PK	55.83	74	-18.17	-48.94	-49.21	6.63	-39.43
4	7381.25 AV	45.36	54	-8.64	-59.53	-59.56	6.63	-49.9

Note :

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

d = measurement distance in 3 meters.

Chain 0**Chain 1**

Bandedge table

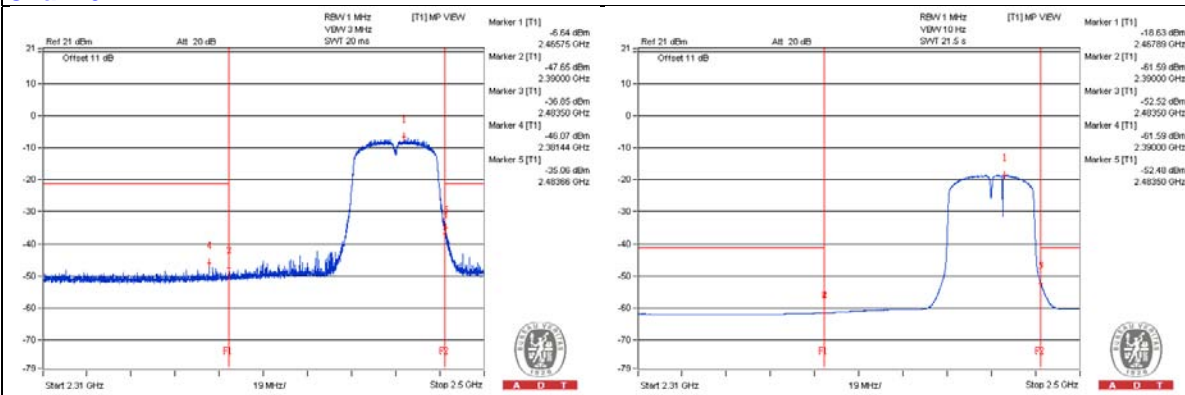
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2381.44 PK	57.03	74	-16.97	-46.07	-50.99	6.63	-38.23
2	2389.99 AV	43.22	54	-10.78	-61.59	-61.77	6.63	-52.04
3	2483.66 PK	68.47	74	-5.53	-35.06	-38.44	6.63	-26.79
4	2483.5175 AV	52.18	54	-1.82	-52.52	-52.94	6.63	-43.08

Note :

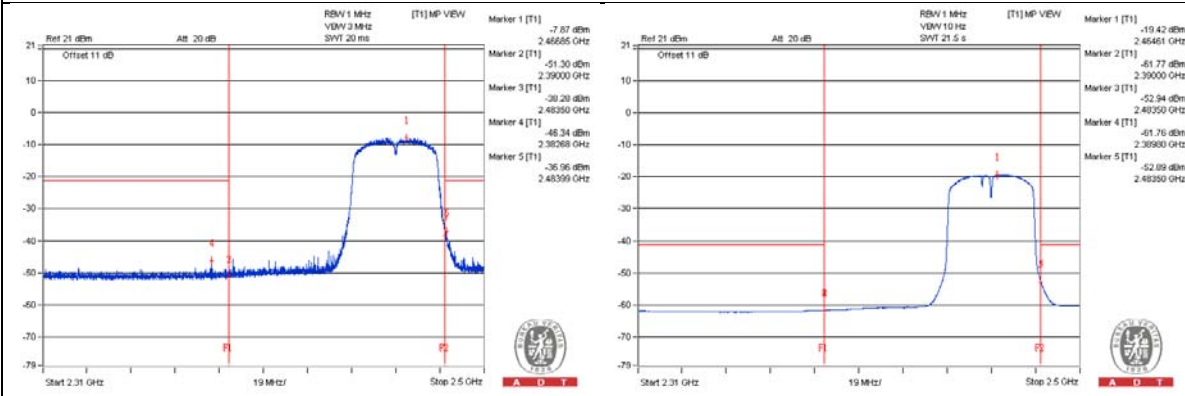
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

Chain 0



Chain 1



Below 1GHz Data
802.11g - Channel 6

Conducted spurious emission table

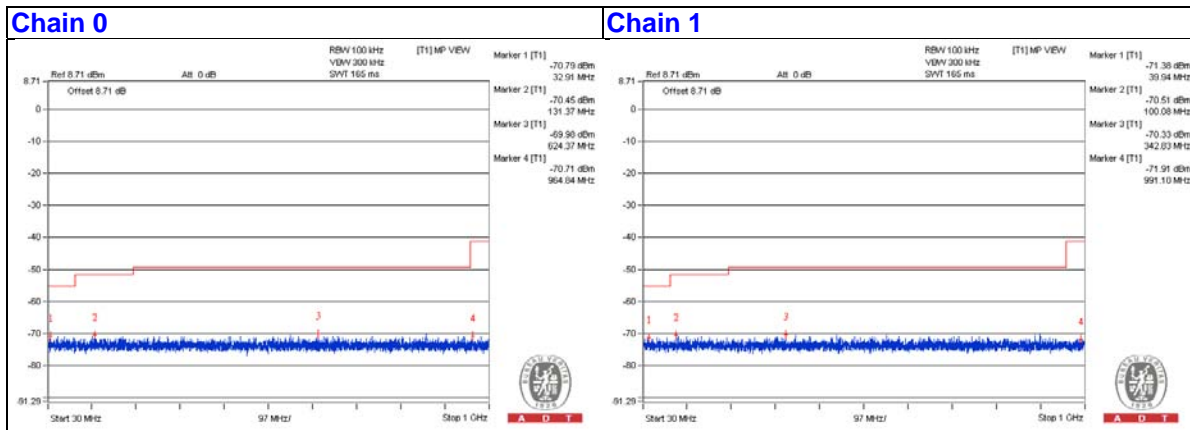
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	49.885	33.56	40	-6.44	-70.95	-71.78	6.63	-61.7
2	100.0825	33.64	43.5	-9.86	-72.17	-70.51	6.63	-61.62
3	260.375	33.08	46	-12.92	-71.13	-72.65	6.63	-62.18
4	454.86	33.24	46	-12.76	-73.34	-70.45	6.63	-62.02
5	645.2225	33.24	46	-12.76	-71.46	-71.86	6.63	-62.02
6	983.2675	33.3	54	-20.7	-71.08	-72.19	6.63	-61.96

Note :

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

d = measurement distance in 3 meters.

Emission levels include upper bound on ground plane reflection (4.7dB) for below 1GHz emission.



4.6 Conducted Emission Measurement

4.6.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	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 0.50MHz.

4.6.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	100375	Apr. 29, 2014	Apr. 28, 2015
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK-8127	8127-522	Sep. 15, 2014	Sep. 14, 2015
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ENV216	100071	Nov. 10, 2014	Nov. 09, 2015
RF Cable	5D-FB	COCCAB-001	Mar. 09, 2015	Mar. 08, 2016
50 ohms Terminator	N/A	EMC-03	Sep. 22, 2014	Sep. 21, 2015
50 ohms Terminator	N/A	EMC-02	Sep. 30, 2014	Sep. 29, 2015
Software BVADT	BVADT_Cond_ V7.3.7.3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 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. 25, 2015

4.6.3 Test Procedures

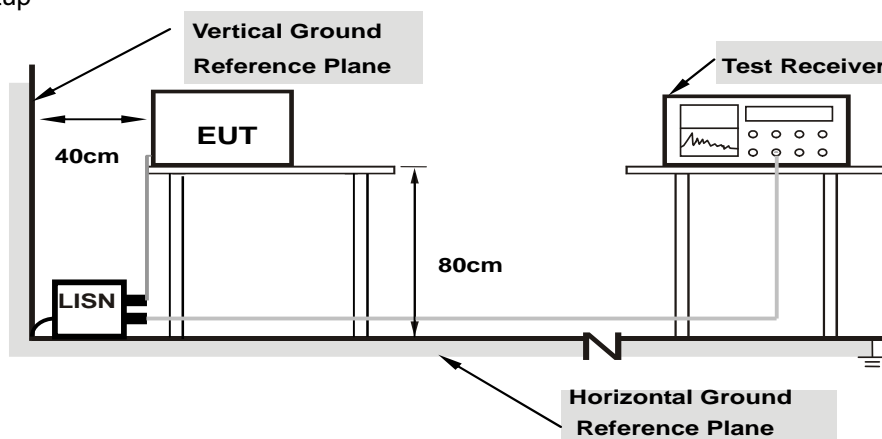
- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling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

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

4.6.4 Deviation from Test Standard

No deviation.

4.6.5 Test Setup



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

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.6.6 EUT Operating Conditions

Same as 4.5.6.

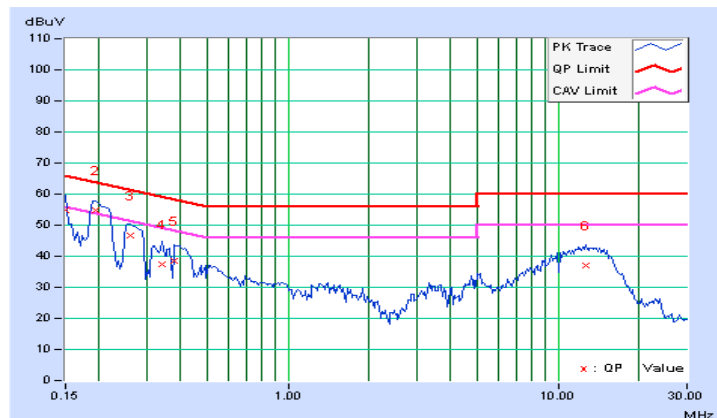
4.6.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
-------	----------	-------------------	--------------------------------

No	Freq. [MHz]	Corr.	Reading Value		Emission Level		Limit		Margin	
		Factor (dB)	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	0.08	54.92	33.29	55.00	33.37	66.00	56.00	-11.00	-22.63
2	0.19297	0.09	54.74	39.43	54.83	39.52	63.91	53.91	-9.08	-14.39
3	0.25938	0.09	46.42	31.15	46.51	31.24	61.45	51.45	-14.94	-20.21
4	0.34141	0.10	37.21	21.80	37.31	21.90	59.17	49.17	-21.86	-27.27
5	0.38047	0.10	38.51	19.97	38.61	20.07	58.27	48.27	-19.66	-28.20
6	12.60938	0.52	36.41	27.63	36.93	28.15	60.00	50.00	-23.07	-21.85

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.

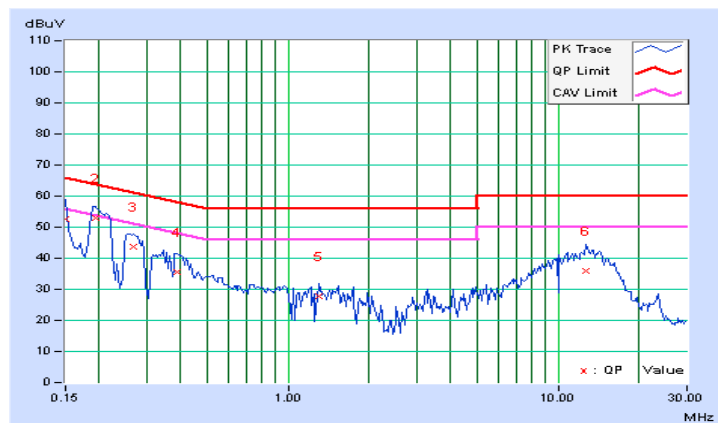


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr.	Reading Value		Emission Level		Limit		Margin	
		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	
1	0.15000	0.08	52.56	29.88	52.64	29.96	66.00	56.00	-13.36	-26.04
2	0.19297	0.08	52.94	35.53	53.02	35.61	63.91	53.91	-10.89	-18.30
3	0.26719	0.09	43.59	32.77	43.68	32.86	61.20	51.20	-17.53	-18.35
4	0.38828	0.10	35.52	17.44	35.62	17.54	58.10	48.10	-22.48	-30.56
5	1.30859	0.14	27.61	15.47	27.75	15.61	56.00	46.00	-28.25	-30.39
6	12.61328	0.53	35.43	26.77	35.96	27.30	60.00	50.00	-24.04	-22.70

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 Pictures of Test Arrangements

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

6 Appendix A – Radiated Emission Measurement

6.1.1 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.

6.1.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210105	July 21, 2014	July 20, 2015
Horn_Antenna AISI	AIH.8018	000032009111 0	Feb. 09, 2015	Feb. 08, 2016
Pre-Amplifier Agilent	8449B	3008A02578	June 23, 2015	June 22, 2016
RF Cable	NA	131205 131216 131217 SNMY23684/ 4	Jan. 16, 2015	Jan. 15, 2016
Spectrum Analyzer R&S	FSV40	100964	July 05, 2014	July 04, 2015
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Dec. 12, 2014	Dec. 11, 2015
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Feb. 05, 2015	Feb. 04, 2016
RF Cable	NA	329751/4 RF104-204	Dec. 11, 2014	Dec. 10, 2015
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 test was performed in 966 Chamber No. G.
3. The FCC Site Registration No. is 966073.
4. The VCCI Site Registration No. is G-137.
5. The CANADA Site Registration No. is IC 7450H-2.
6. Tested Date: July 02, 2015

6.1.3 Test Procedures

- a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) 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.

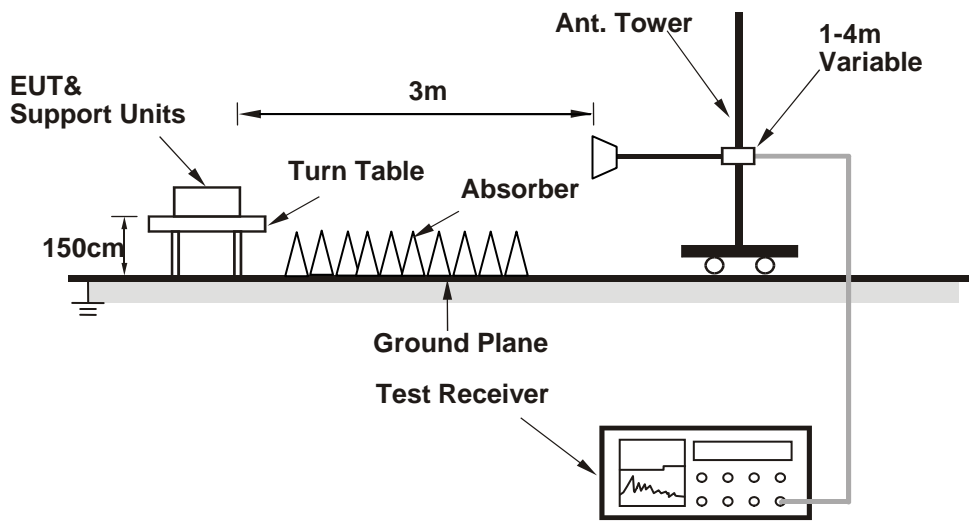
NOTE:

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 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($10 \log(1/\text{duty cycle})$).
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

6.1.4 Deviation from Test Standard

No deviation

6.1.5 Test Setup



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

6.1.6 EUT Operating Conditions

Same as 4.5.6.

6.1.7 Test Results

The EUT's antenna had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Z-plane**.

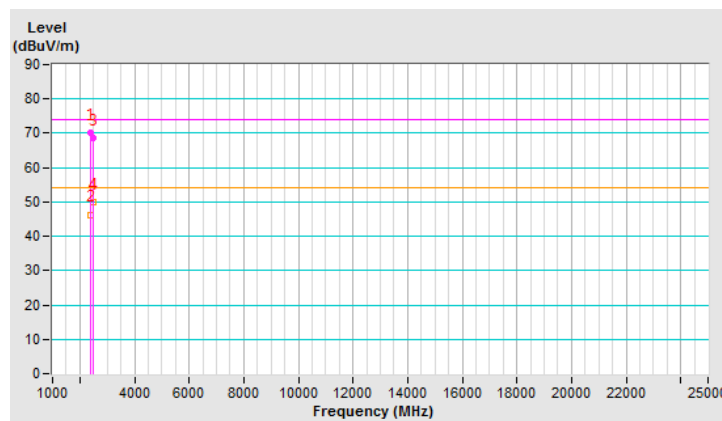
VHT40

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	70.3 PK	74.0	-3.7	1.35 H	102	71.73	-1.43
2	2390.00	46.3 AV	54.0	-7.7	1.35 H	102	47.73	-1.43
3	2483.50	68.7 PK	74.0	-5.3	1.57 H	106	69.91	-1.21
4	2483.50	49.9 AV	54.0	-4.1	1.57 H	106	51.11	-1.21

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

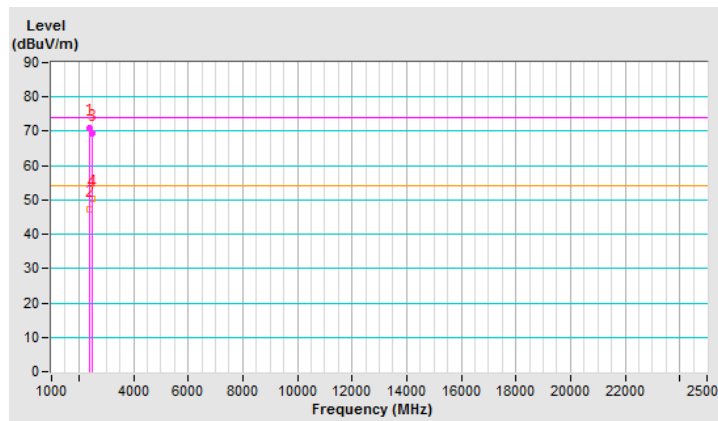


CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

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	2390.00	71.0 PK	74.0	-3.0	1.81 V	183	72.43	-1.43
2	2390.00	47.2 AV	54.0	-6.8	1.81 V	183	48.63	-1.43
3	2483.50	69.4 PK	74.0	-4.6	1.55 V	182	70.61	-1.21
4	2483.50	50.2 AV	54.0	-3.8	1.55 V	182	51.41	-1.21

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 Appendix B – 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:

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Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-5935343

Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety 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.

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