

Bandedge table

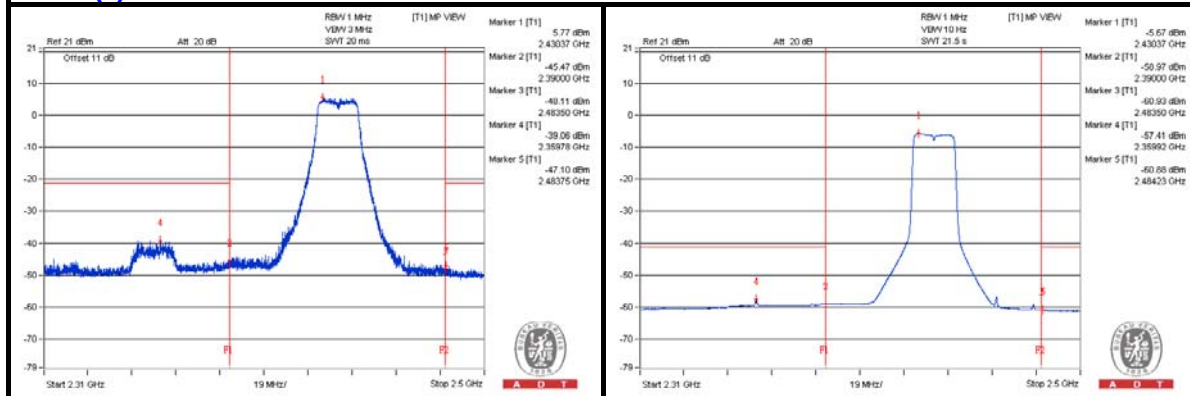
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2360.35 PK	65.19	74	-8.81	-39.4	-45.81	-43.27	7.18	-30.07
2	2359.97 AV	53.06	54	-0.94	-57.42	-53.11	-53.15	7.18	-42.2
3	2498.195 PK	60.78	74	-13.22	-50.27	-51.5	-42.86	7.18	-34.48
4	2484.135 AV	47.83	54	-6.17	-60.9	-60.84	-57.39	7.18	-47.43

Note :

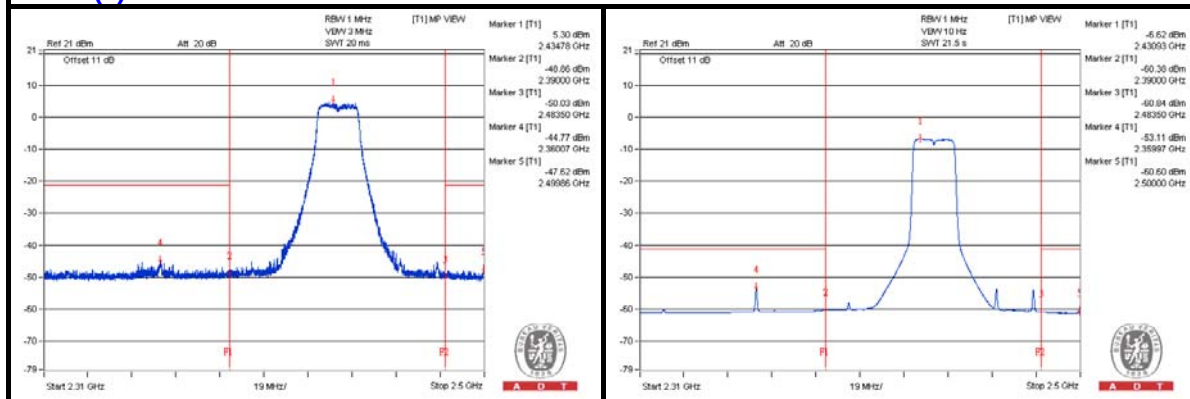
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

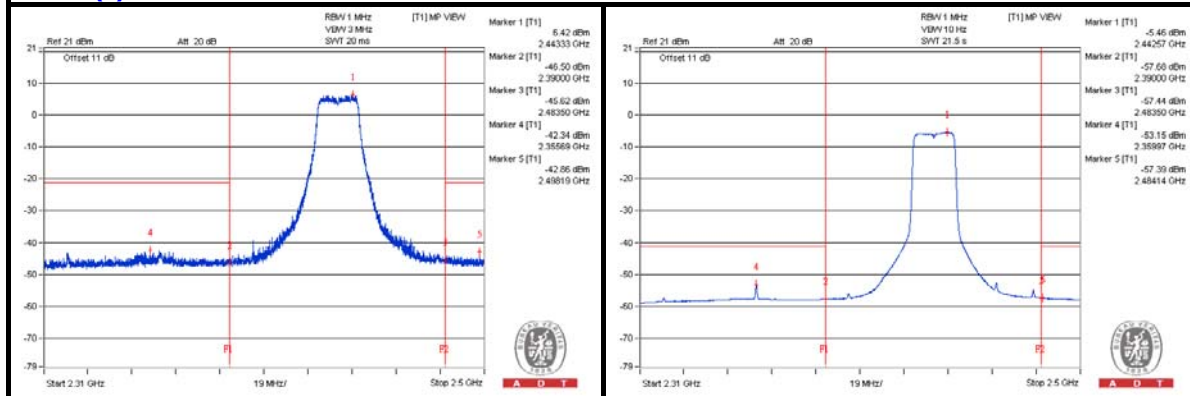
Chain (0)



Chain (1)



Chain (2)



802.11n (HT20) - Channel 11

Conducted spurious emission table

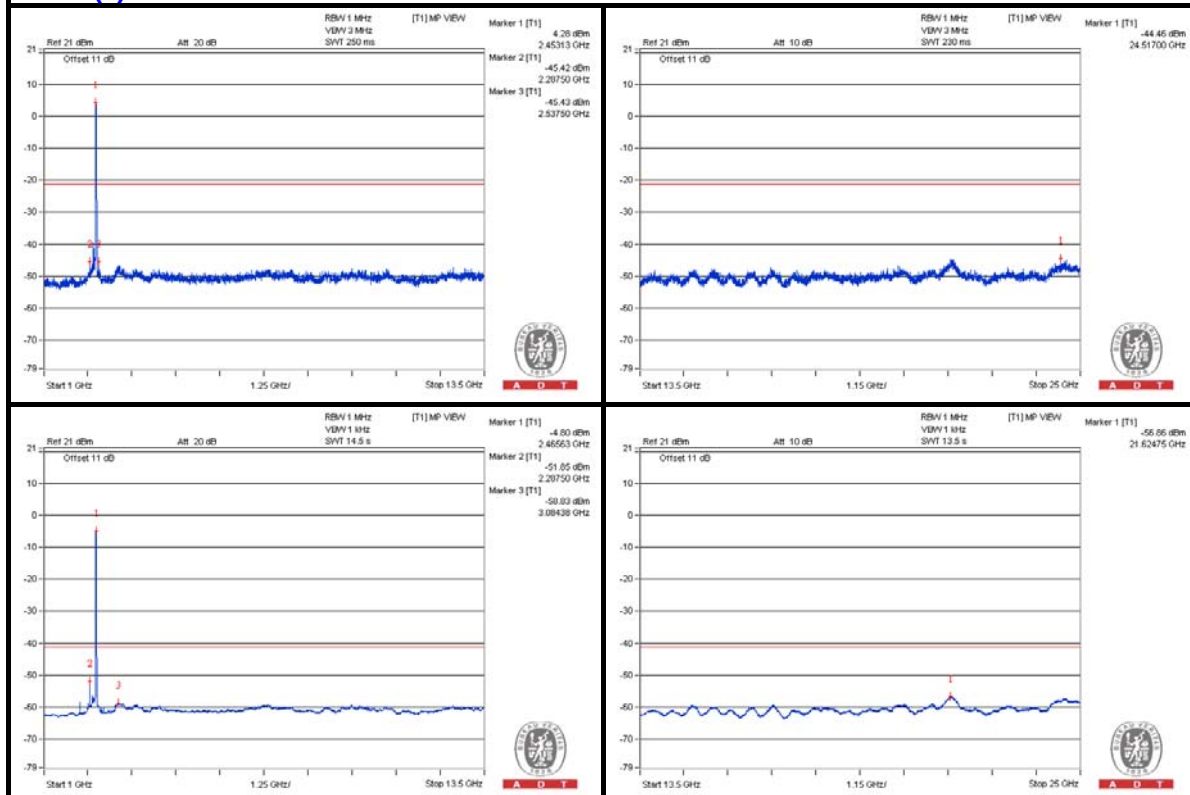
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2374.9325 PK	65.85	74	-8.15	-37.42	-47.77	-46.64	7.18	-29.41
2	2359.97 AV	52.7	54	-1.3	-57	-53.32	-54.01	7.18	-42.56
3	2484.7525 PK	68.04	74	-5.96	-38.8	-43.27	-37.34	7.18	-27.22
4	2483.5175 AV	53.04	54	-0.96	-54.72	-56.55	-52.29	7.18	-42.22

Note :

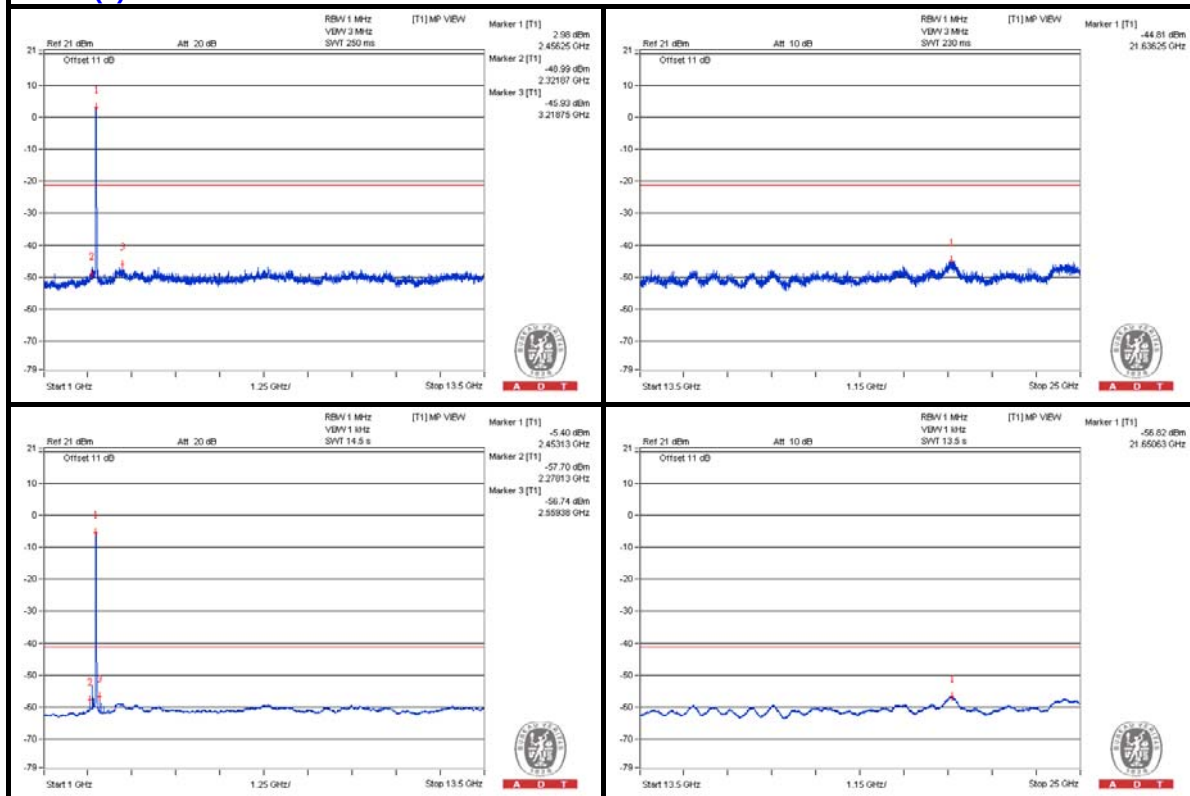
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

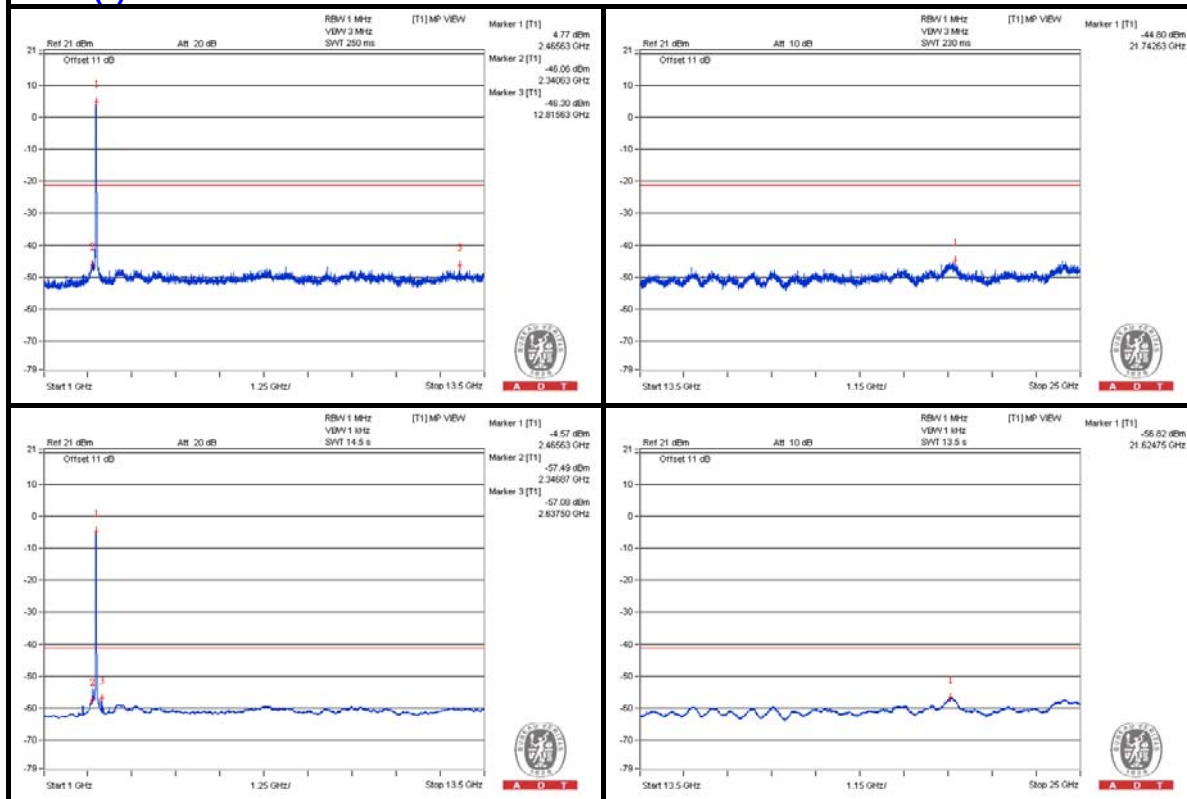
Chain (0)



Chain (1)



Chain (2)



Bandedge table

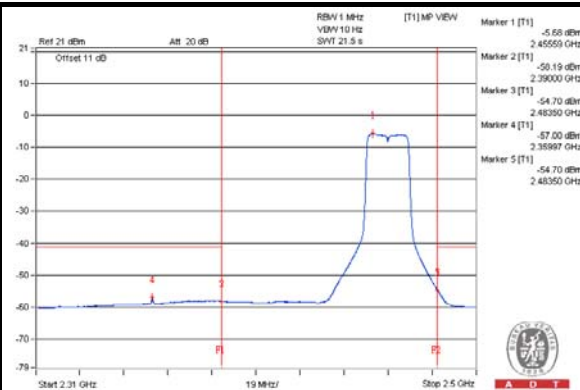
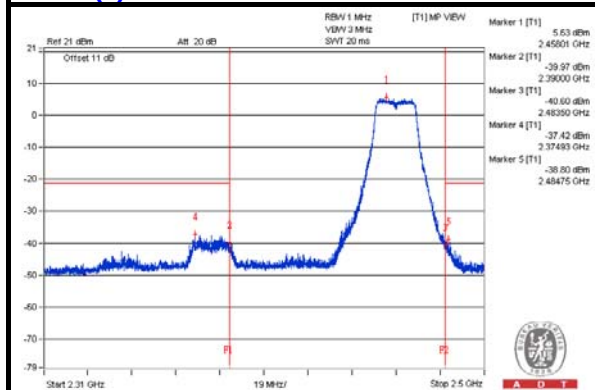
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2374.9325 PK	65.85	74	-8.15	-37.42	-47.77	-46.64	7.18	-29.41
2	2359.97 AV	52.7	54	-1.3	-57	-53.32	-54.01	7.18	-42.56
3	2484.7525 PK	68.04	74	-5.96	-38.8	-43.27	-37.34	7.18	-27.22
4	2483.5175 AV	53.04	54	-0.96	-54.72	-56.55	-52.29	7.18	-42.22

Note :

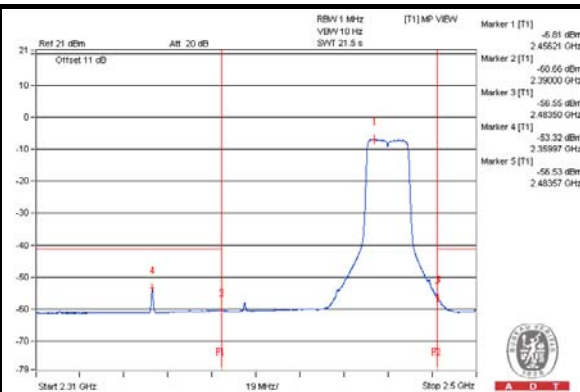
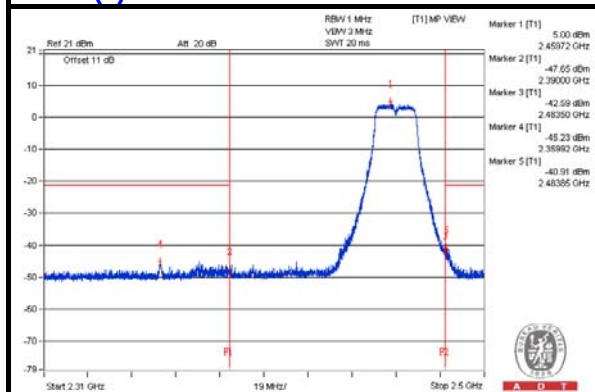
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

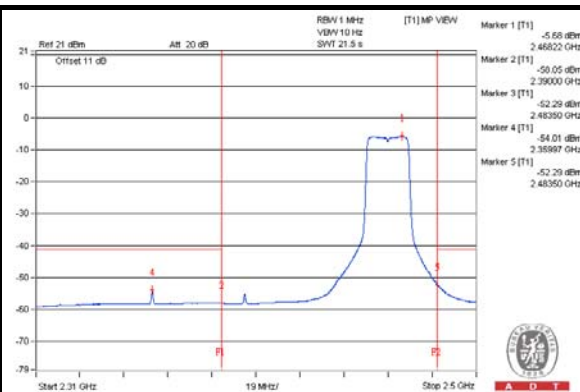
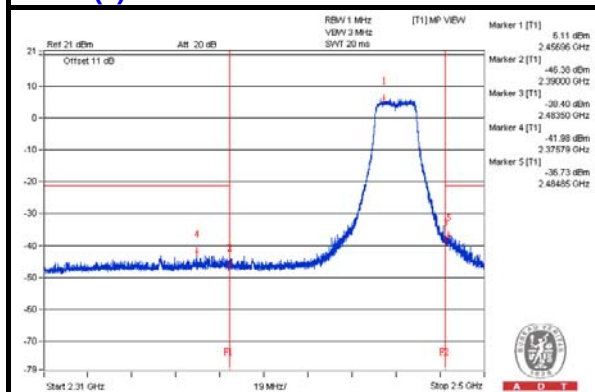
Chain (0)



Chain (1)



Chain (2)



802.11n (HT40) - Channel 3

Conducted spurious emission table

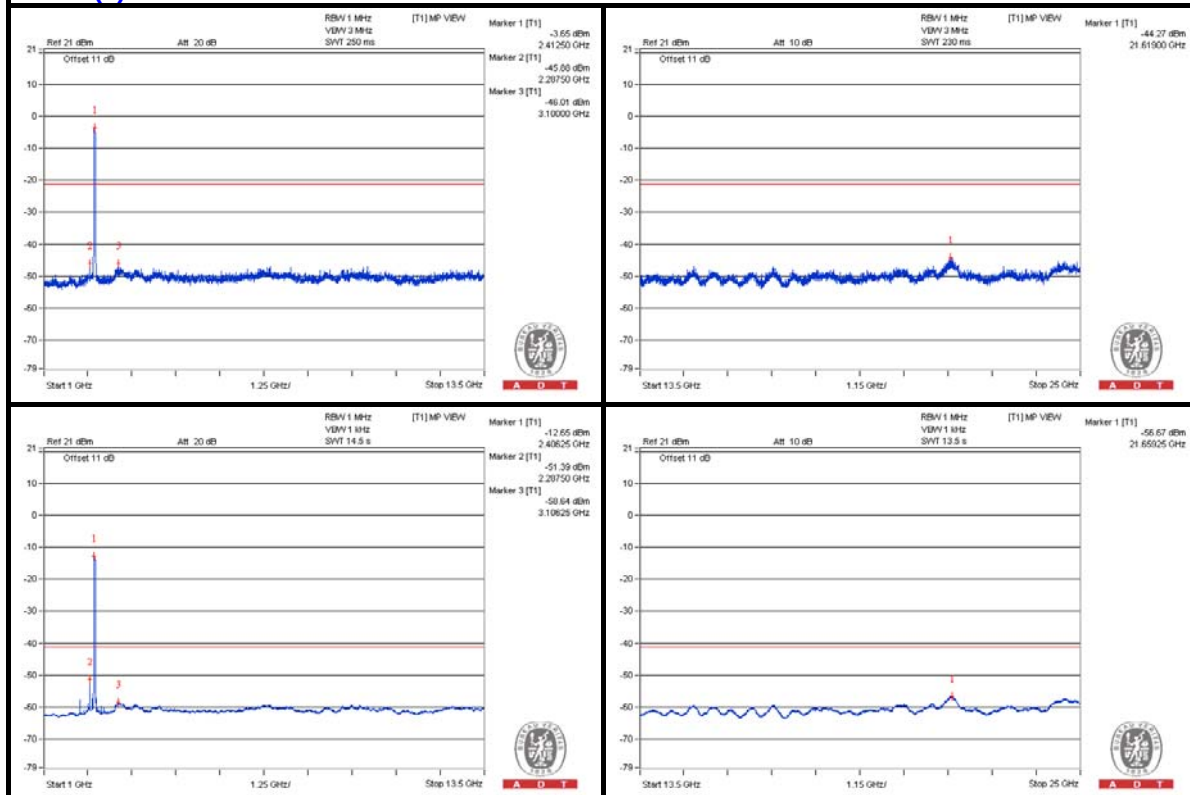
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2389.99 PK	68.53	74	-5.47	-40.68	-42.69	-35.73	7.18	-26.73
2	2389.99 AV	52.53	54	-1.47	-56.13	-57.02	-52.37	7.18	-42.73
3	2499.9525 PK	58.07	74	-15.93	-49.34	-48.96	-49.13	7.18	-37.19
4	2500 AV	45.77	54	-8.23	-61.79	-61.03	-61.54	7.18	-49.49

Note :

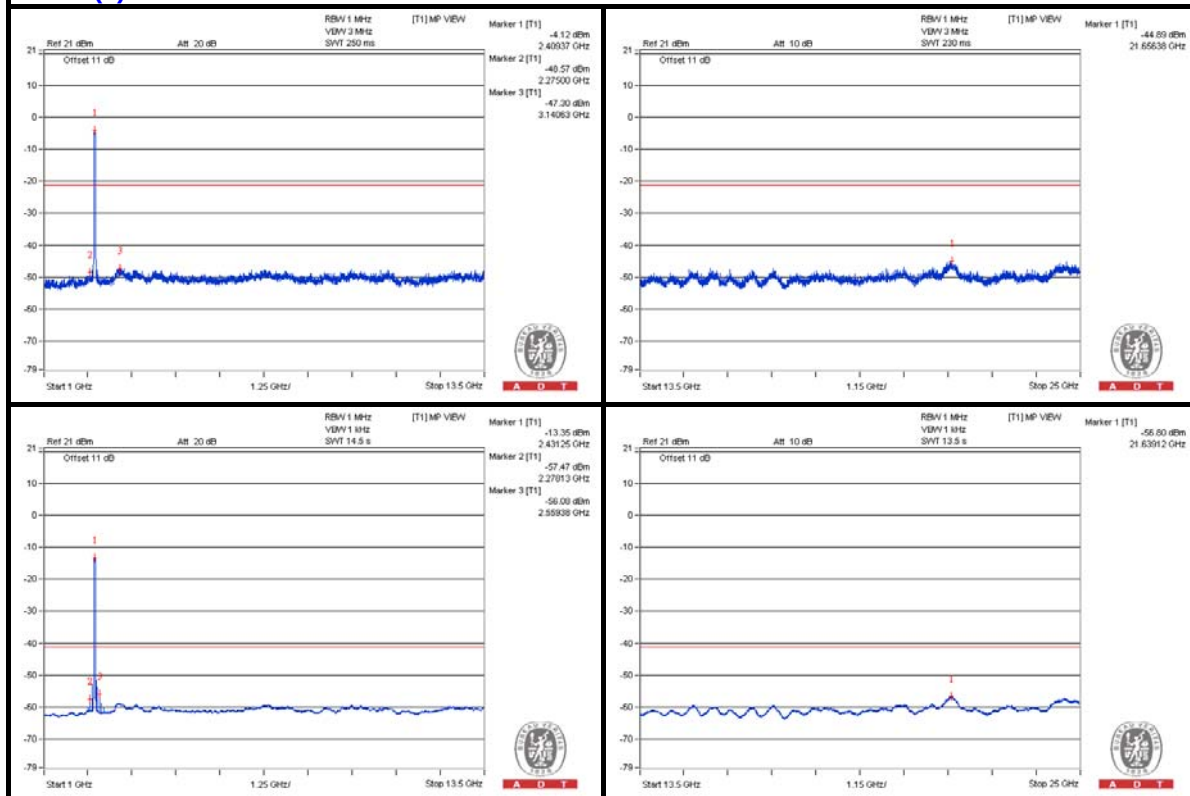
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

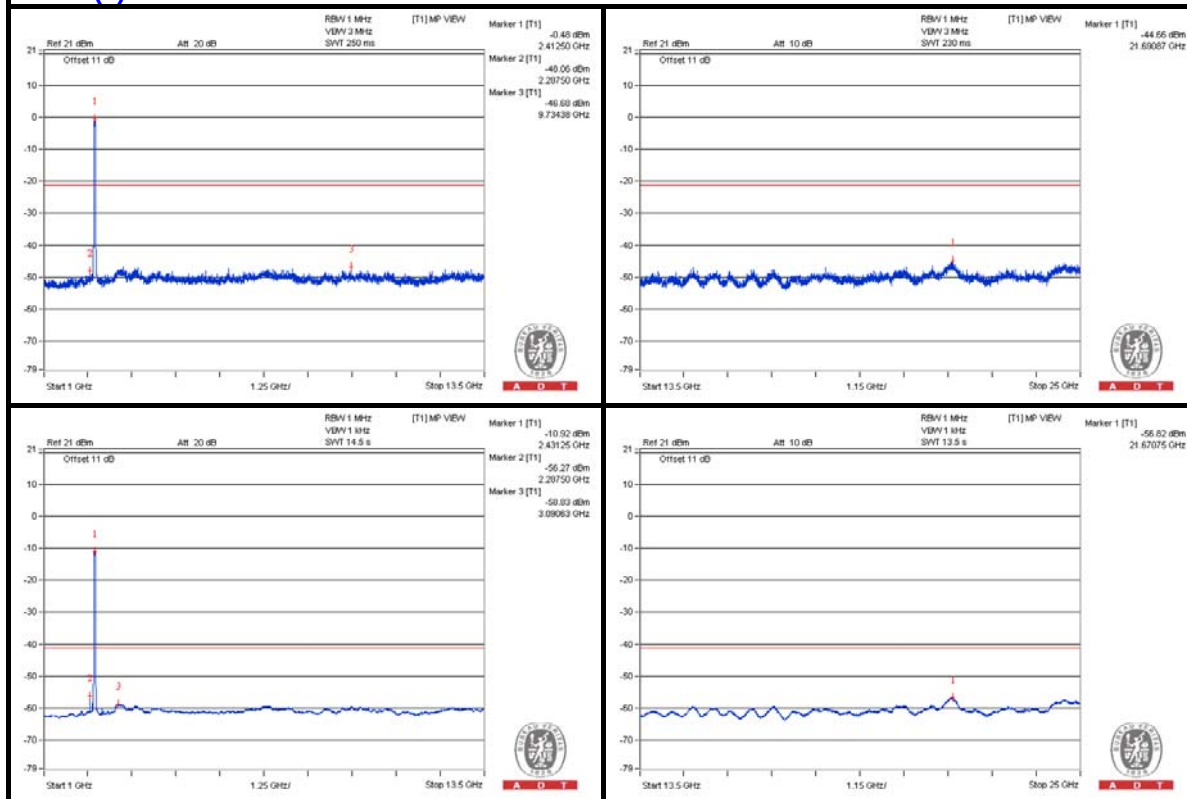
Chain (0)



Chain (1)



Chain (2)



Bandedge table

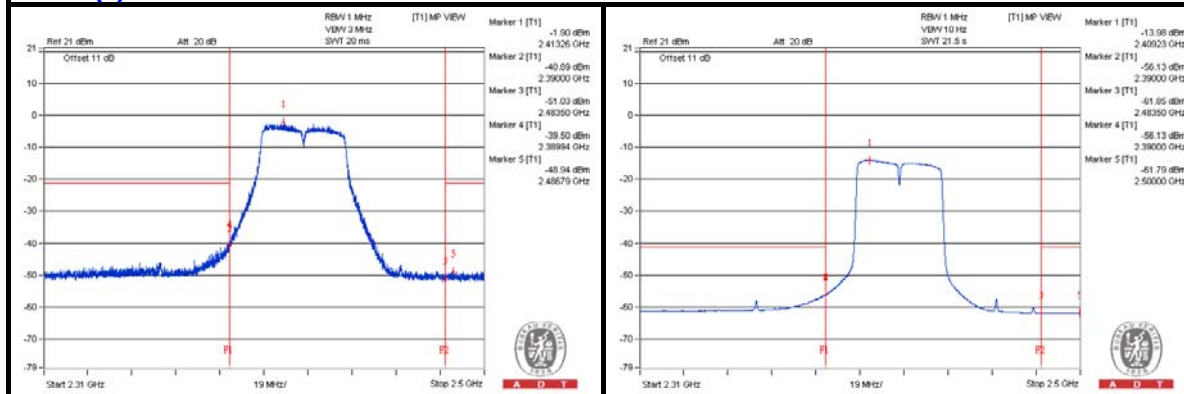
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2389.99 PK	68.53	74	-5.47	-40.68	-42.69	-35.73	7.18	-26.73
2	2389.99 AV	52.53	54	-1.47	-56.13	-57.02	-52.37	7.18	-42.73
3	2499.9525 PK	58.07	74	-15.93	-49.34	-48.96	-49.13	7.18	-37.19
4	2500 AV	45.77	54	-8.23	-61.79	-61.03	-61.54	7.18	-49.49

Note :

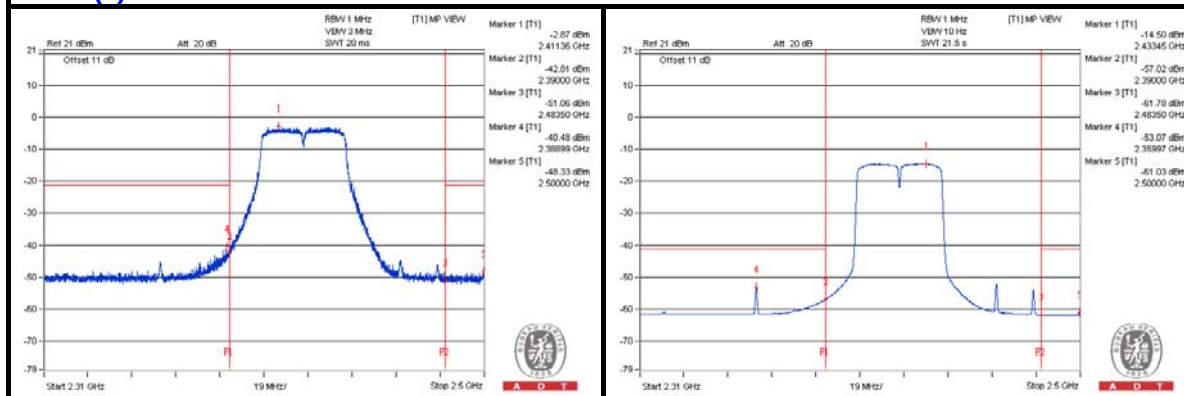
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

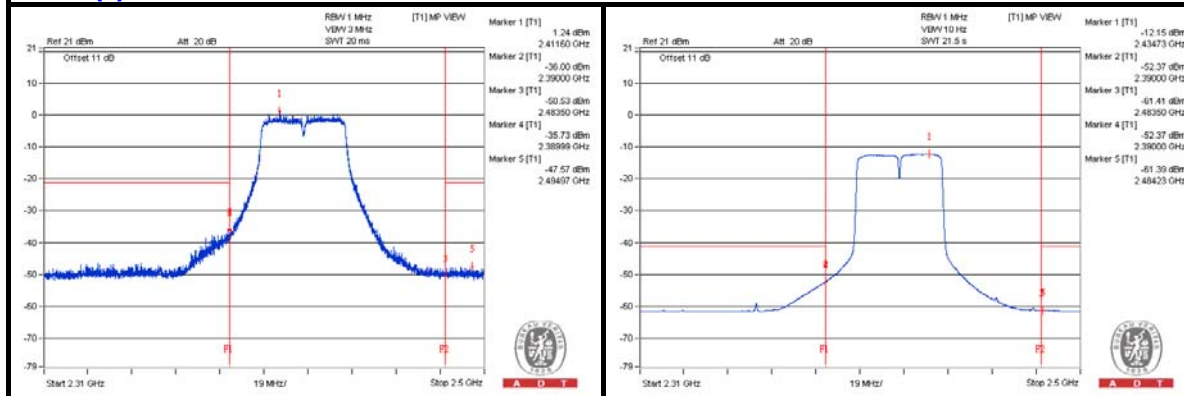
Chain (0)



Chain (1)



Chain (2)



802.11n (HT40) - Channel 6

Conducted spurious emission table

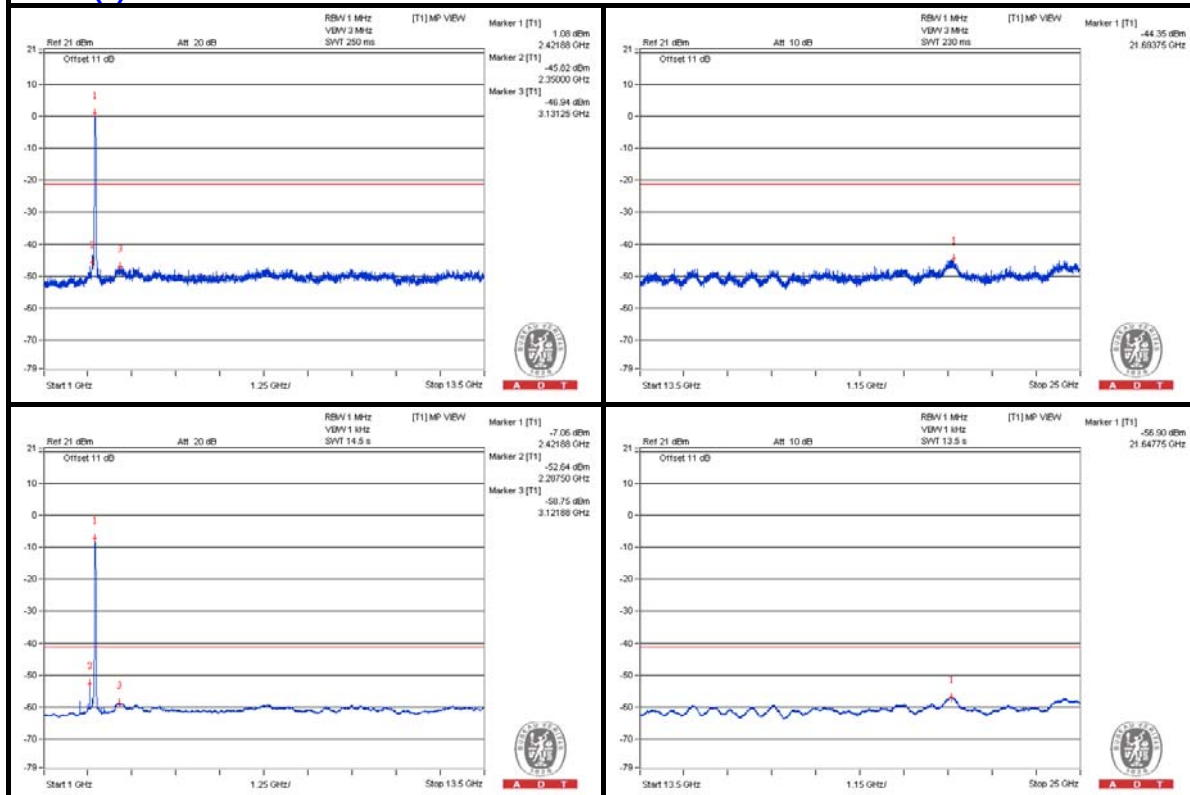
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2389.7525 PK	66.34	74	-7.66	-41.84	-46.11	-38.09	7.18	-28.92
2	2359.97 AV	52.62	54	-1.38	-57.49	-53.3	-54.01	7.18	-42.64
3	2487.84 PK	65.84	74	-8.16	-49.56	-49.4	-37.07	7.18	-29.42
4	2483.565 AV	50.09	54	-3.91	-59.77	-59.76	-54.3	7.18	-45.17

Note :

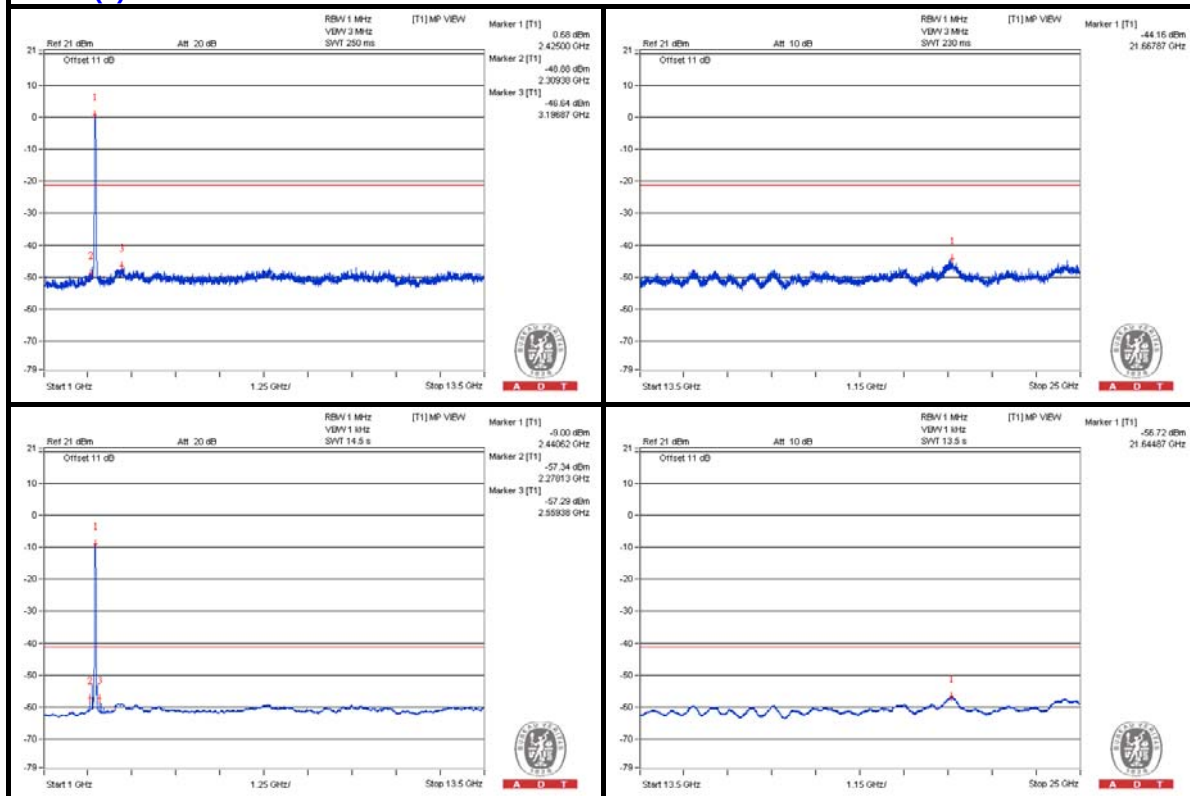
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

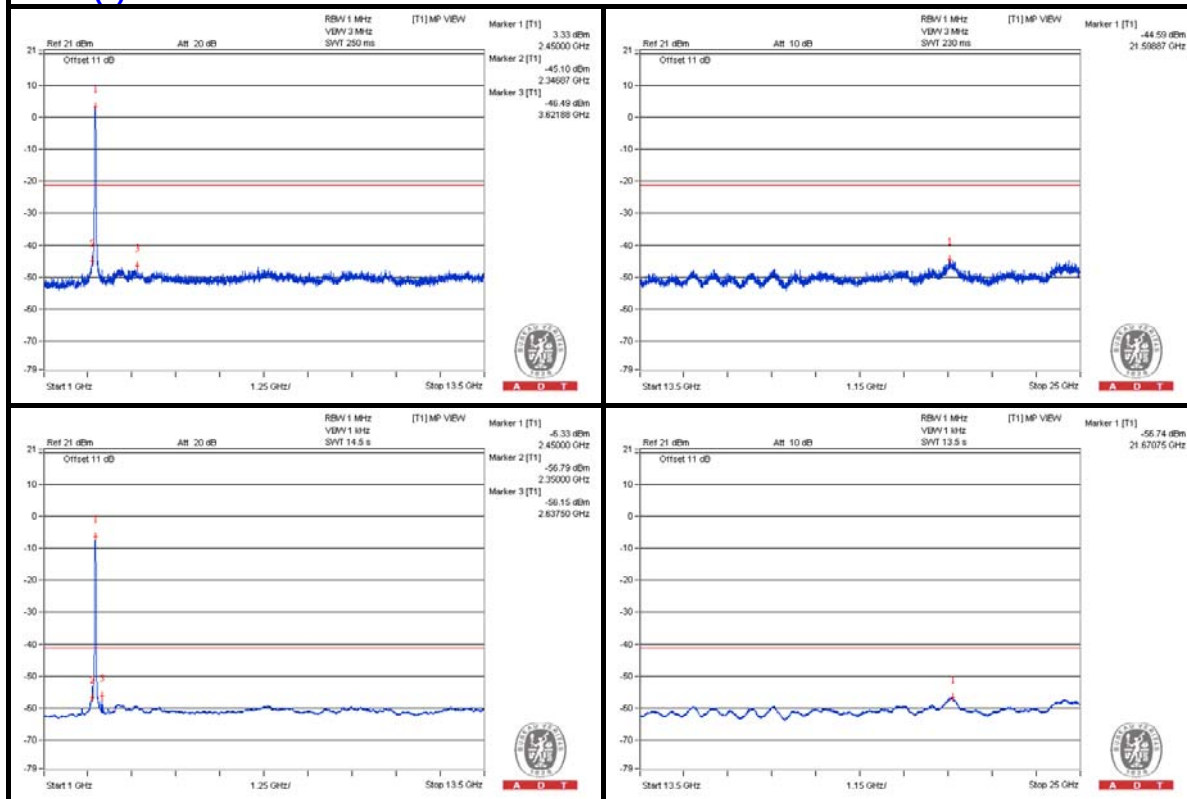
Chain (0)



Chain (1)



Chain (2)



Bandedge table

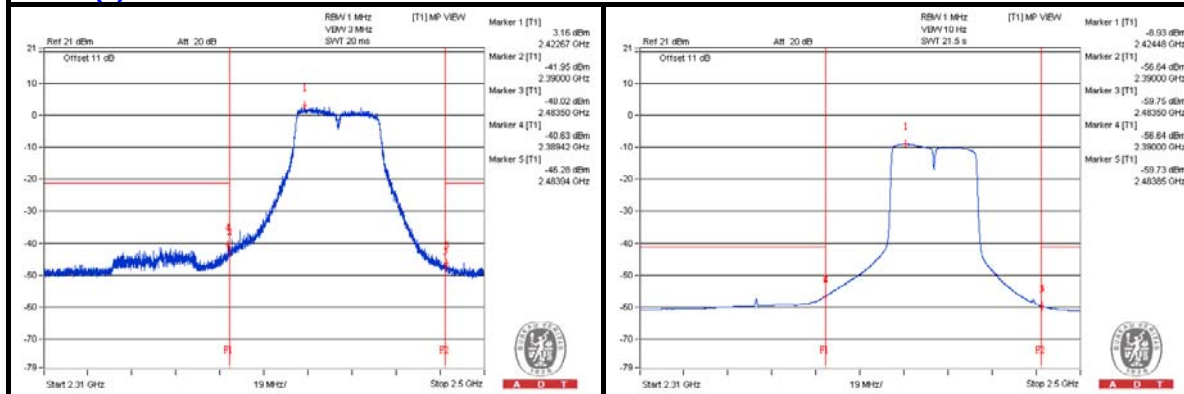
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2389.7525 PK	66.34	74	-7.66	-41.84	-46.11	-38.09	7.18	-28.92
2	2359.97 AV	52.62	54	-1.38	-57.49	-53.3	-54.01	7.18	-42.64
3	2487.84 PK	65.84	74	-8.16	-49.56	-49.4	-37.07	7.18	-29.42
4	2483.565 AV	50.09	54	-3.91	-59.77	-59.76	-54.3	7.18	-45.17

Note :

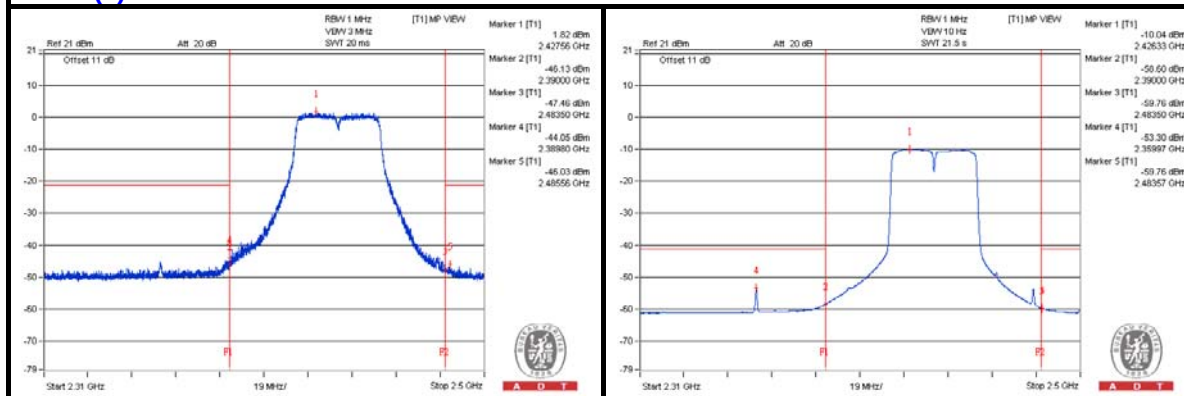
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

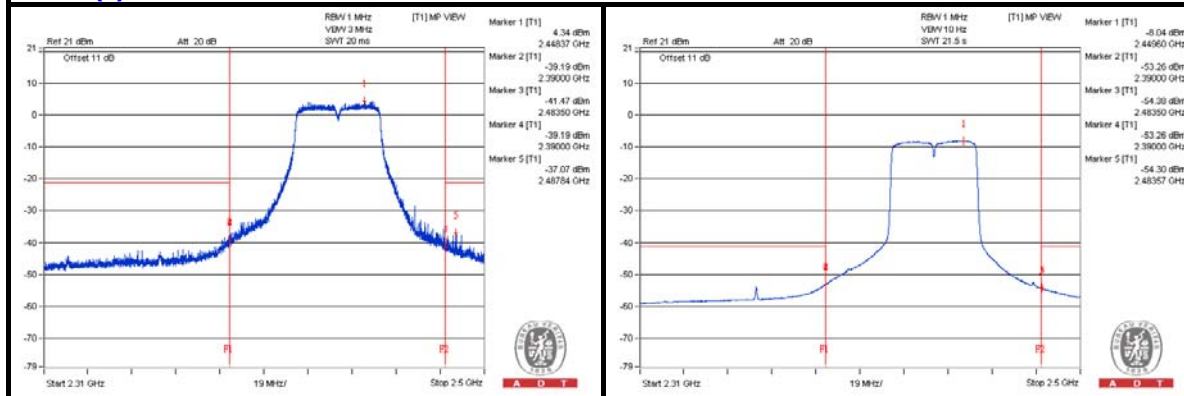
Chain (0)



Chain (1)



Chain (2)



802.11n (HT40) - Channel 9

Conducted spurious emission table

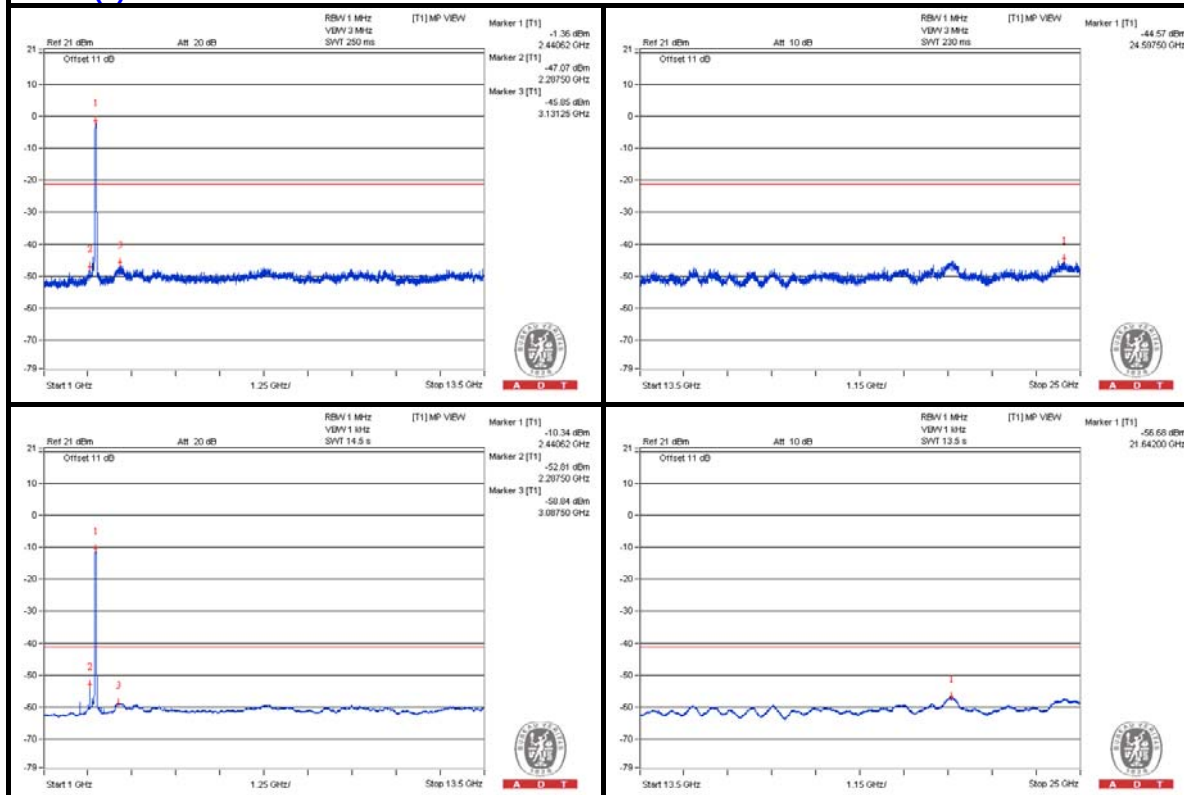
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2359.97 PK	62.66	74	-11.34	-42.98	-46.12	-45.17	7.18	-32.6
2	2359.97 AV	51.3	54	-2.7	-57.38	-53.25	-59.47	7.18	-43.96
3	2483.5175 PK	69.34	74	-4.66	-38.94	-40.17	-35.75	7.18	-25.92
4	2483.5175 AV	53.05	54	-0.95	-56.19	-56.82	-51.54	7.18	-42.21

Note :

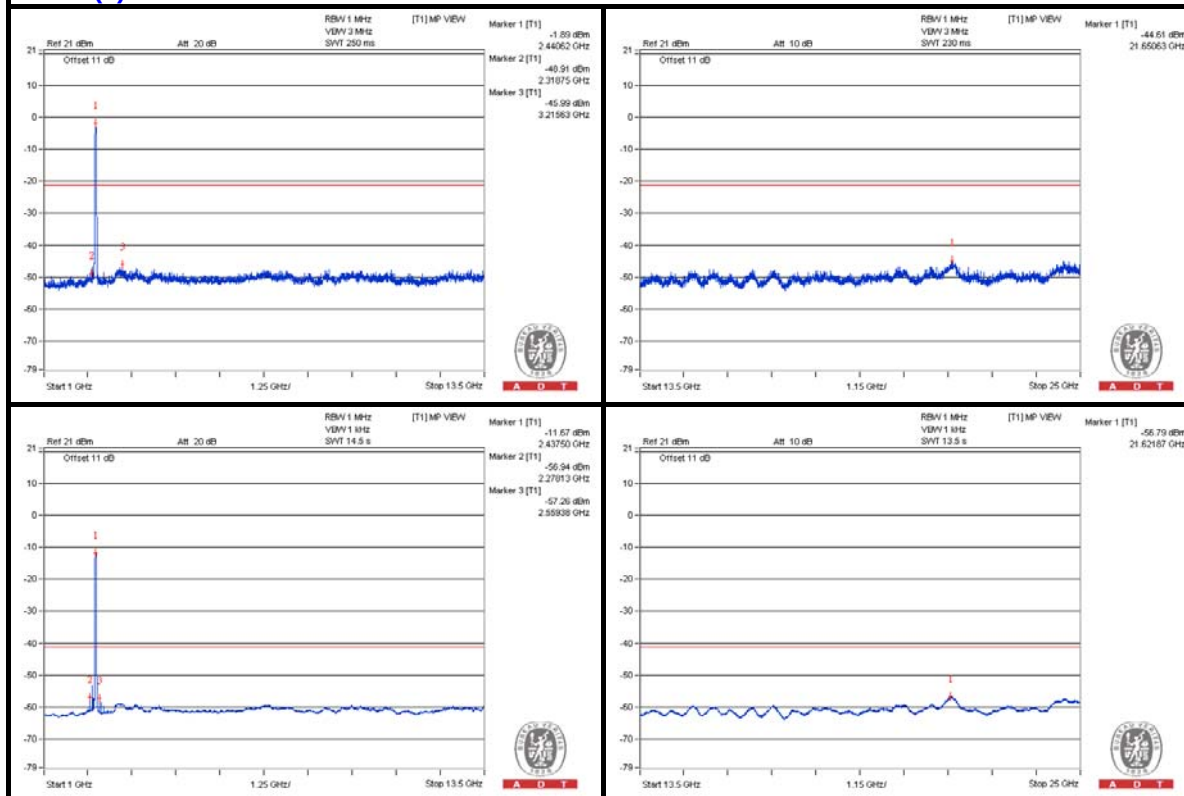
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

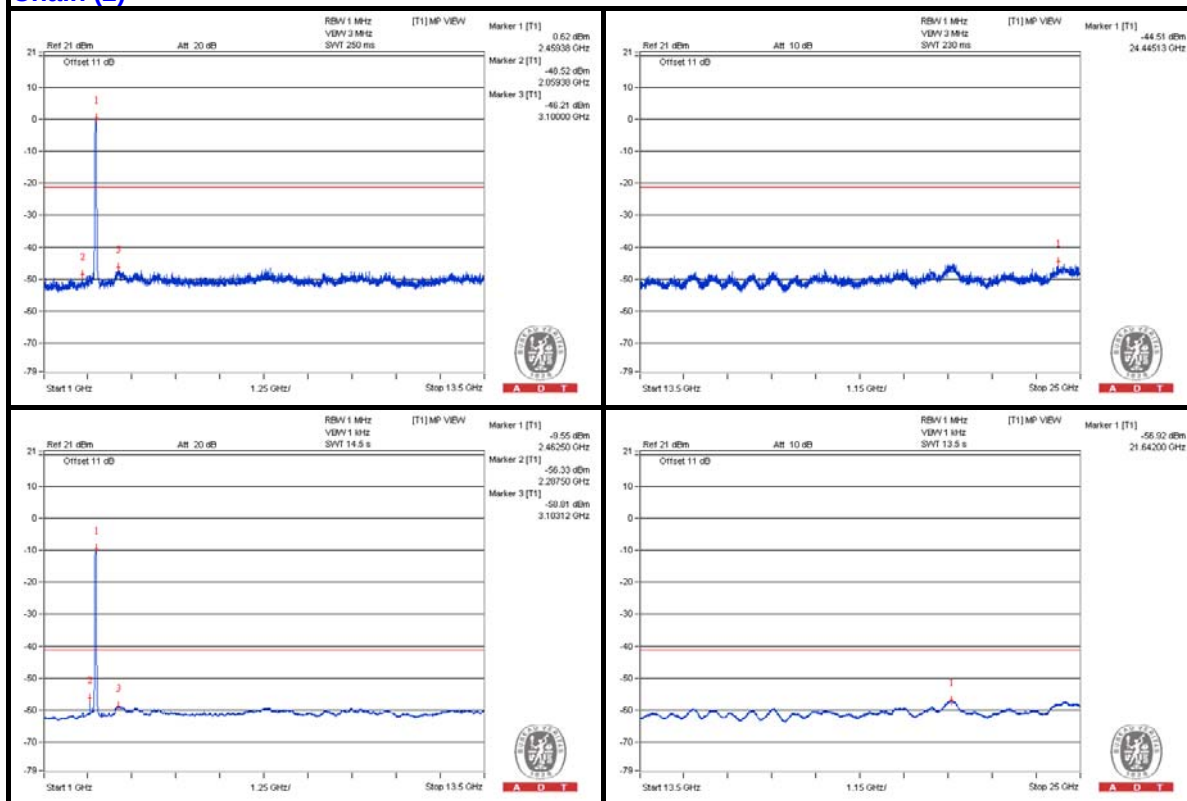
Chain (0)



Chain (1)



Chain (2)



Bandedge table

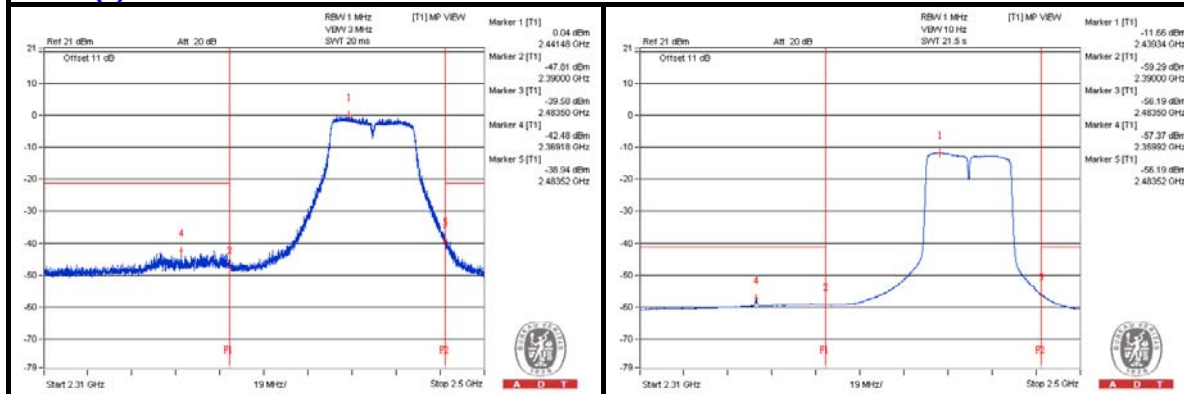
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)			Correction Factor (dB)	EIRP Level (dBm)
					Chain 0	Chain 1	Chain 2		
1	2359.97 PK	62.66	74	-11.34	-42.98	-46.12	-45.17	7.18	-32.6
2	2359.97 AV	51.3	54	-2.7	-57.38	-53.25	-59.47	7.18	-43.96
3	2483.5175 PK	69.34	74	-4.66	-38.94	-40.17	-35.75	7.18	-25.92
4	2483.5175 AV	53.05	54	-0.95	-56.19	-56.82	-51.54	7.18	-42.21

Note :

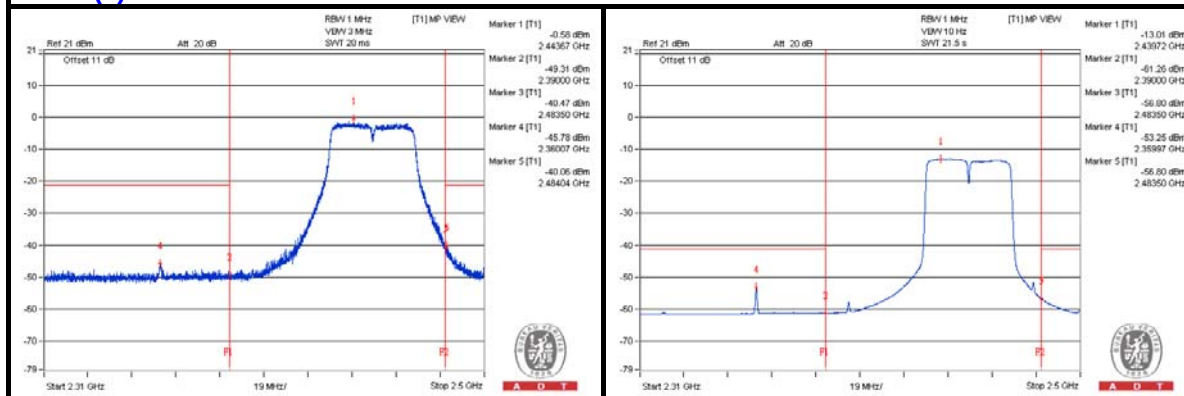
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8

d = measurement distance in 3 meters.

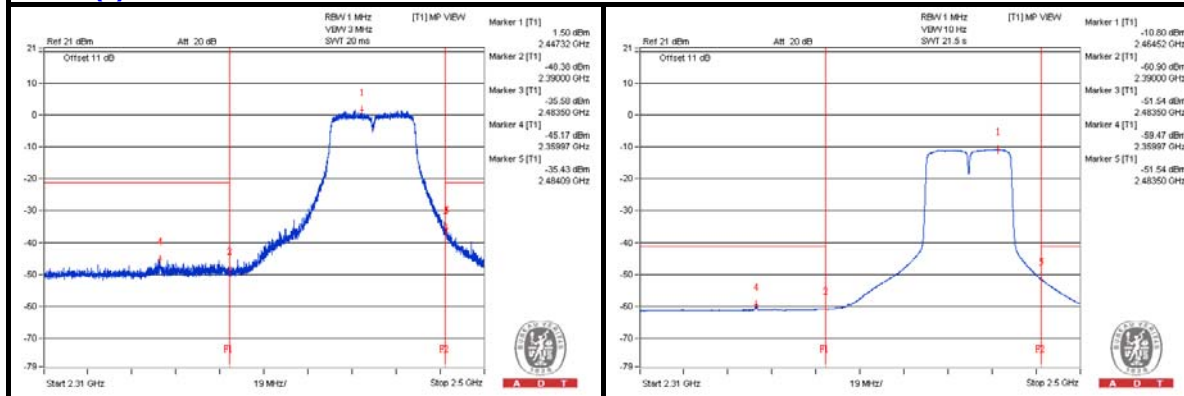
Chain (0)



Chain (1)



Chain (2)



4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 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 : Dec. 18, 2014

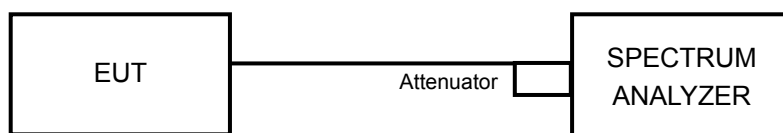
4.3.3 TEST PROCEDURE

1. Set resolution bandwidth (RBW) = 100kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
3. Trace mode = max hold.
4. Sweep = auto couple.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



4.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 TEST RESULTS

802.11b

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)			MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2		
1	2412	10.14	10.14	10.14	0.5	PASS
6	2437	10.12	10.14	10.11	0.5	PASS
11	2462	10.12	10.12	10.11	0.5	PASS

802.11g

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)			MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2		
1	2412	16.41	16.43	16.42	0.5	PASS
6	2437	16.47	16.44	16.45	0.5	PASS
11	2462	16.44	16.44	16.43	0.5	PASS

802.11n (HT20)

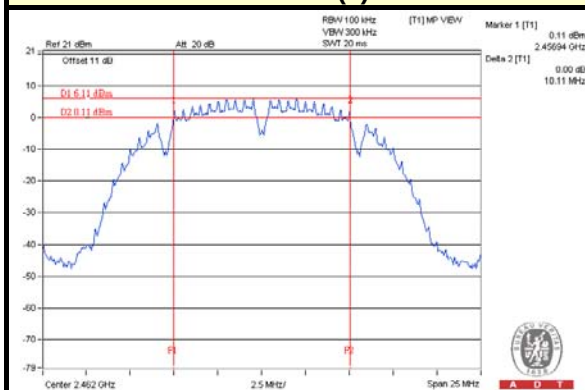
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)			MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2		
1	2412	17.63	17.64	17.63	0.5	PASS
6	2437	17.64	17.64	17.63	0.5	PASS
11	2462	17.64	17.65	17.64	0.5	PASS

802.11n (HT40)

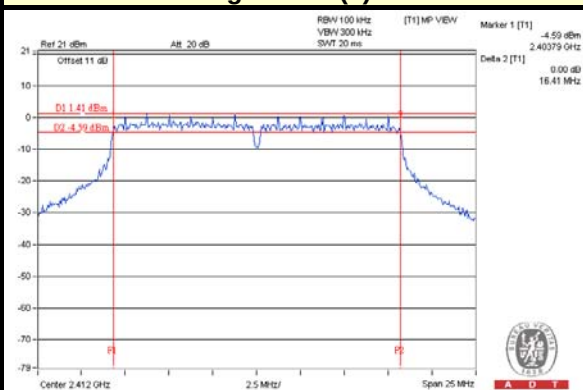
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)			MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2		
3	2422	35.91	36.44	35.91	0.5	PASS
6	2437	35.89	36.47	36.06	0.5	PASS
9	2452	36.19	36.25	36.05	0.5	PASS

SPECTRUM PLOT OF WORST VALUE

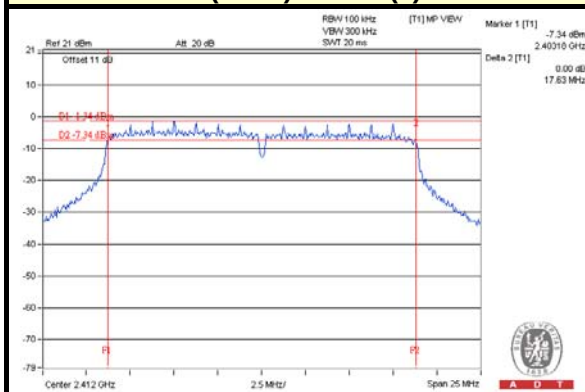
802.11b / Chain(2) : CH11



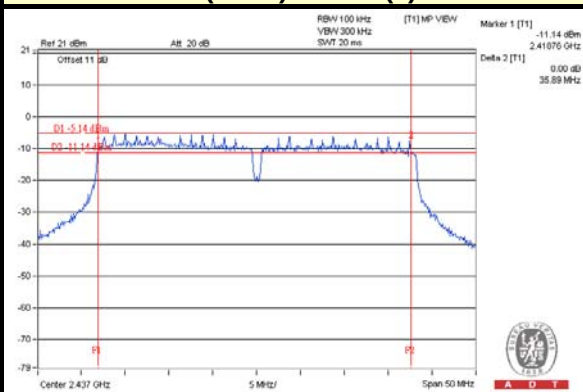
802.11g / Chain(0) : CH1



802.11n (HT20) / Chain(0) : CH1



802.11n (HT40) / Chain(0) : CH6



4.4 CONDUCTED OUTPUT POWER MEASUREMENT

4.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30dBm)

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $NANT \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any NANT;

Array Gain = $5 \log(NANT/NSS)$ dB or 3 dB, whichever is less for 20-MHz channel widths with $NANT \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(NANT/NSS)$ dB.

4.4.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power meter Anritsu	ML2495A	1014008	Apr. 30, 2014	Apr. 29, 2015
Power sensor Anritsu	MA2411B	0917122	Apr. 30, 2014	Apr. 29, 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 : Dec. 18, 2014

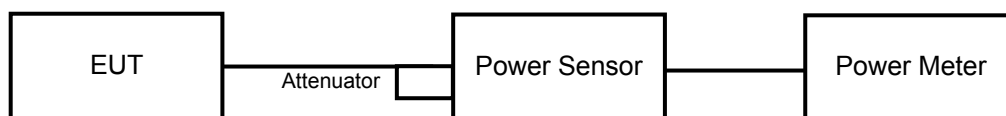
4.4.3 TEST PROCEDURES

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the average power sensor. Record the average power level.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation.

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6

4.4.7 TEST RESULTS

802.11b

CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
1	2412	14.63	13.86	16.14	94.477	19.75	30	PASS
6	2437	18.30	17.15	18.55	191.102	22.81	30	PASS
11	2462	16.05	15.21	16.55	118.647	20.74	30	PASS

802.11g

CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
1	2412	11.15	10.14	12.34	40.5	16.07	30	PASS
6	2437	16.40	16.08	18.61	156.814	21.95	30	PASS
11	2462	12.22	11.46	12.78	49.635	16.96	30	PASS

802.11n (HT20)

CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
1	2412	12.16	11.40	13.42	52.227	17.18	30	PASS
6	2437	16.39	16.32	18.53	157.691	21.98	30	PASS
11	2462	12.04	11.42	13.05	50.048	16.99	30	PASS

802.11n (HT40)

CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
3	2422	6.67	6.77	8.71	16.828	12.26	30	PASS
6	2437	12.37	11.97	14.36	60.288	17.80	30	PASS
9	2452	9.09	8.22	10.76	26.659	14.26	30	PASS

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 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 : Dec. 18, 2014

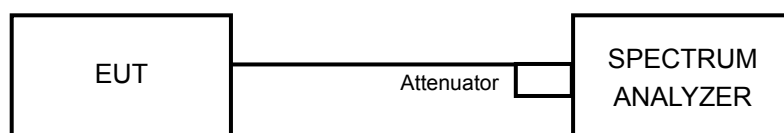
4.5.3 TEST PROCEDURE

1. Set the RBW = 10 kHz, VBW =30 kHz, Detector = power averaging (RMS).
2. Ensure that the number of measurement points in the sweep $\geq 2 \times$ span/RBW
3. Sweep time = auto couple,
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



4.5.6 EUT OPERATING CONDITION

Same as Item 4.3.6

4.5.7 TEST RESULTS

802.11b

TX CHAIN	CHANNEL	FREQUENCY (MHz)	PSD (dBm)	10 log (N=3) dB	TOTAL PSD (dBm)	LIMIT (dBm)	PASS /FAIL
0	1	2412	-16.67	4.77	-11.90	6.82	PASS
	6	2437	-12.51	4.77	-7.74	6.82	PASS
	11	2462	-15.02	4.77	-10.25	6.82	PASS
1	1	2412	-16.33	4.77	-11.56	6.82	PASS
	6	2437	-13.32	4.77	-8.55	6.82	PASS
	11	2462	-15.55	4.77	-10.78	6.82	PASS
2	1	2412	-14.25	4.77	-9.48	6.82	PASS
	6	2437	-10.69	4.77	-5.92	6.82	PASS
	11	2462	-13.84	4.77	-9.07	6.82	PASS

NOTE: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 7.18\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(7.18-6) = 6.82\text{dBm}$.

802.11g

TX CHAIN	CHANNEL	FREQUENCY (MHz)	PSD (dBm)	10 log (N=3) dB	TOTAL PSD (dBm)	LIMIT (dBm)	PASS /FAIL
0	1	2412	-17.41	4.77	-12.64	6.82	PASS
	6	2437	-15.50	4.77	-10.73	6.82	PASS
	11	2462	-20.31	4.77	-15.54	6.82	PASS
1	1	2412	-21.44	4.77	-16.67	6.82	PASS
	6	2437	-12.64	4.77	-7.87	6.82	PASS
	11	2462	-20.94	4.77	-16.17	6.82	PASS
2	1	2412	-19.37	4.77	-14.60	6.82	PASS
	6	2437	-12.63	4.77	-7.86	6.82	PASS
	11	2462	-12.19	4.77	-7.42	6.82	PASS

NOTE: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 7.18\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(7.18-6) = 6.82\text{dBm}$.

802.11n (HT20)

TX CHAIN	CHANNEL	FREQUENCY (MHz)	PSD (dBm)	10 log (N=3) dB	TOTAL PSD (dBm)	LIMIT (dBm)	PASS /FAIL
0	1	2412	-20.18	4.77	-15.41	6.82	PASS
	6	2437	-12.63	4.77	-7.86	6.82	PASS
	11	2462	-20.09	4.77	-15.32	6.82	PASS
1	1	2412	-20.17	4.77	-15.40	6.82	PASS
	6	2437	-13.06	4.77	-8.29	6.82	PASS
	11	2462	-21.04	4.77	-16.27	6.82	PASS
2	1	2412	-17.70	4.77	-12.93	6.82	PASS
	6	2437	-9.28	4.77	-4.51	6.82	PASS
	11	2462	-16.82	4.77	-12.05	6.82	PASS

NOTE: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 7.18\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(7.18-6) = 6.82\text{dBm}$.

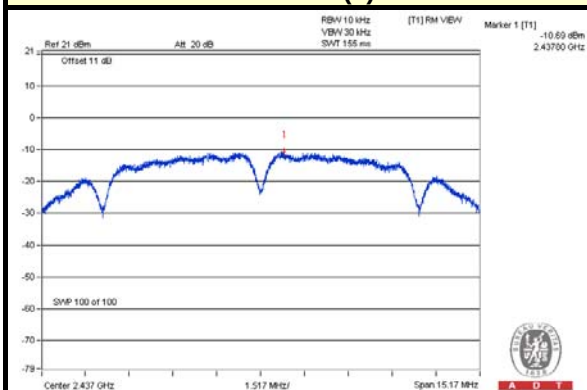
802.11n (HT40)

TX CHAIN	CHANNEL	FREQUENCY (MHz)	PSD (dBm)	10 log (N=3) dB	TOTAL PSD (dBm)	LIMIT (dBm)	PASS /FAIL
0	3	2422	-28.24	4.77	-23.47	6.82	PASS
	6	2437	-22.42	4.77	-17.65	6.82	PASS
	9	2452	-26.18	4.77	-21.41	6.82	PASS
1	3	2422	-28.09	4.77	-23.32	6.82	PASS
	6	2437	-23.77	4.77	-19.00	6.82	PASS
	9	2452	-26.49	4.77	-21.72	6.82	PASS
2	3	2422	-24.48	4.77	-19.71	6.82	PASS
	6	2437	-17.34	4.77	-12.57	6.82	PASS
	9	2452	-23.55	4.77	-18.78	6.82	PASS

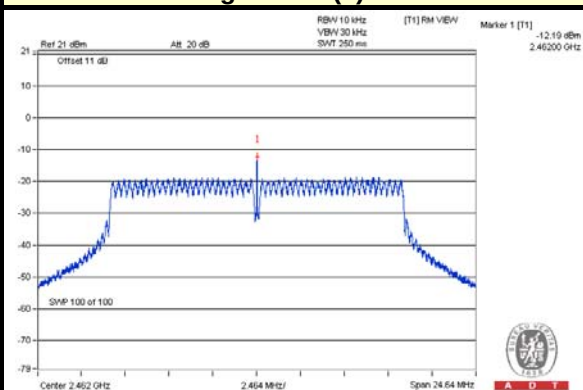
NOTE: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 7.18\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(7.18-6) = 6.82\text{dBm}$.

SPECTRUM PLOT OF WORST VALUE

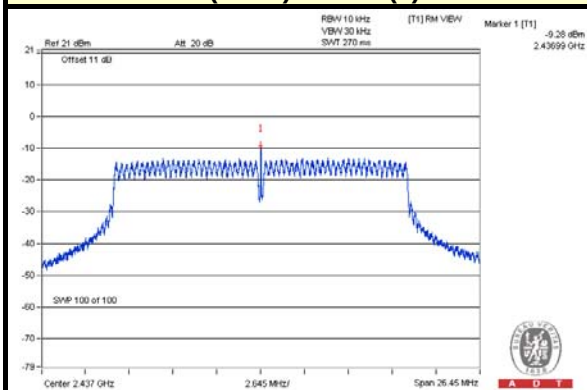
802.11b / Chain(2) : CH6



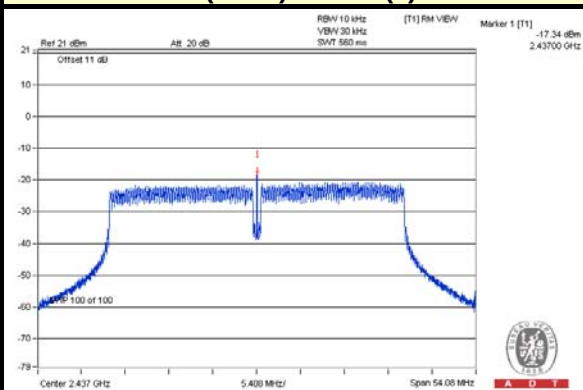
802.11g / Chain(2) : CH11



802.11n (HT20) / Chain(2) : CH6



802.11n (HT40) / Chain(2) : CH6



4.6 CONDUCTED OUT-BAND EMISSION MEASUREMENT

4.6.1 LIMITS OF CONDUCTED OUT-BAND EMISSION MEASUREMENT

Below 30dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.6.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSP 40	100060	May 08, 2014	May 07, 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 : Dec. 18, 2014

4.6.3 TEST PROCEDURE

Measurement Procedure - Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW $\geq$ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

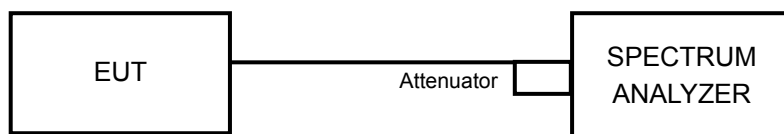
Measurement Procedure –Unwanted Emission Level

1. Set RBW = 100 kHz.
2. Set VBW $\geq$ 300 kHz.
3. Detector = peak.
4. Sweep = auto couple.
5. Trace Mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum amplitude level.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 TEST SETUP



4.6.6 EUT OPERATING CONDITION

Same as Item 4.3.6

4.6.7 TEST RESULTS

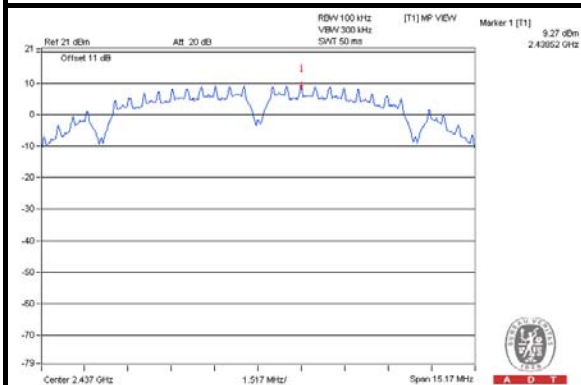
The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 30dB offset below D1. It shows compliance with the requirement.



A D T

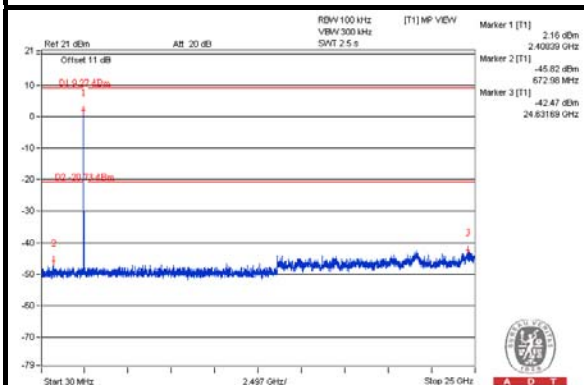
802.11b

Maximum REF

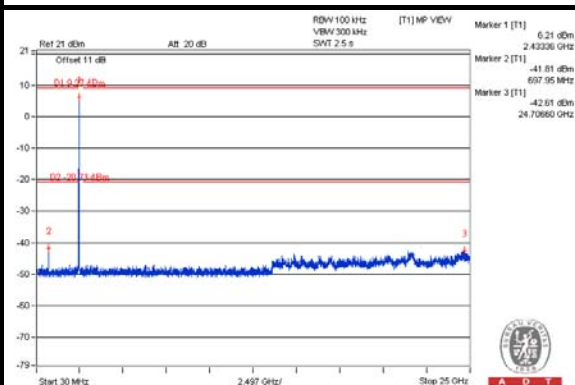


Chain (0)

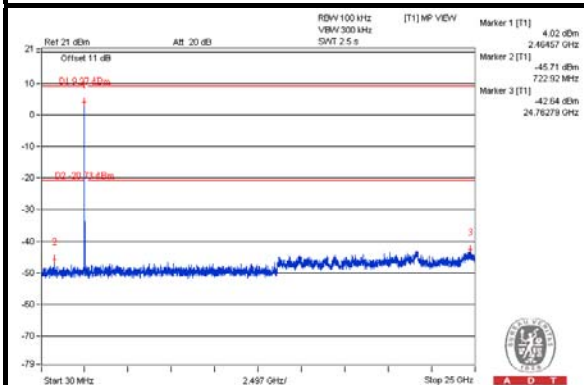
CH 1



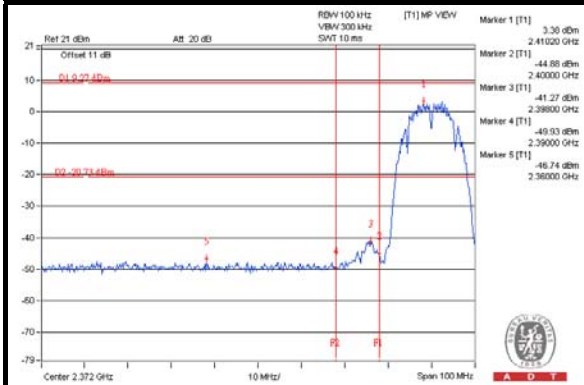
CH 6



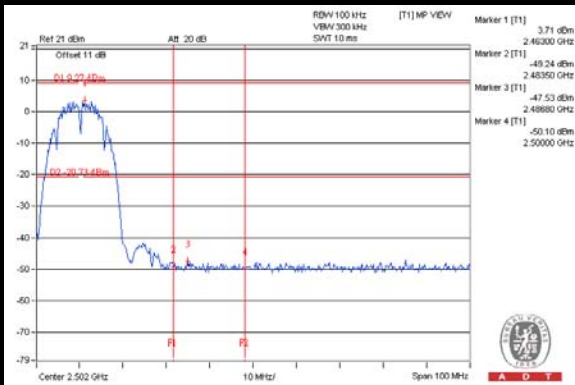
CH 11



CH 1 Band edge



CH 11 Band edge

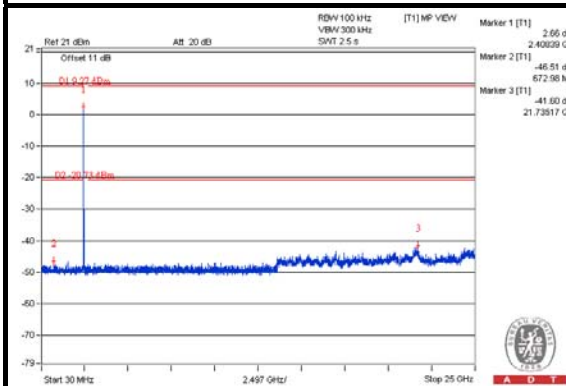




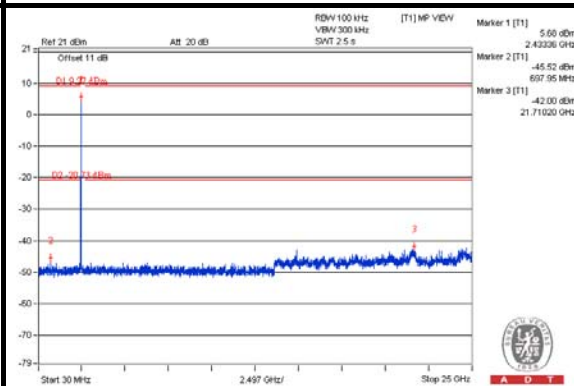
A D T

Chain (1)

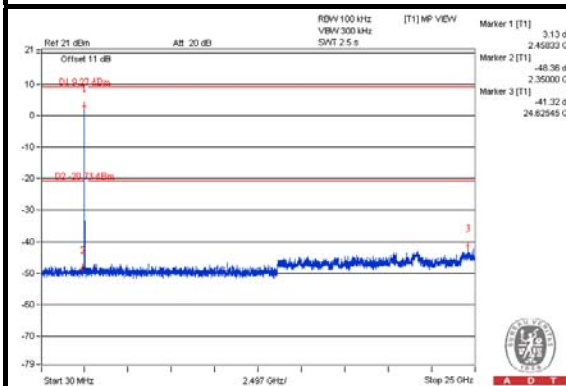
CH 1



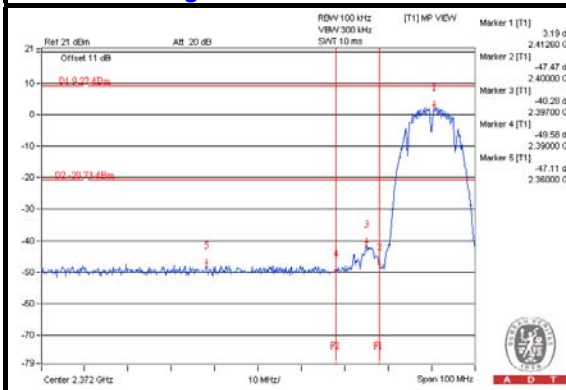
CH 6



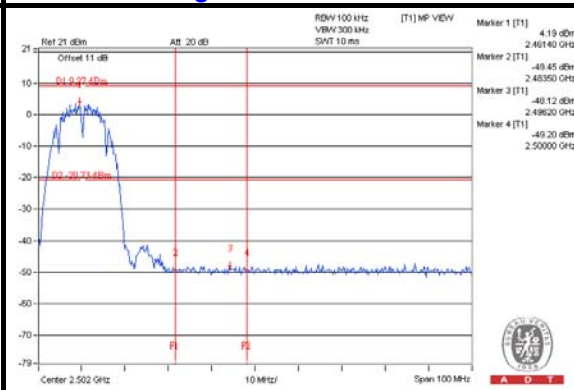
CH 11



CH 1 Band edge

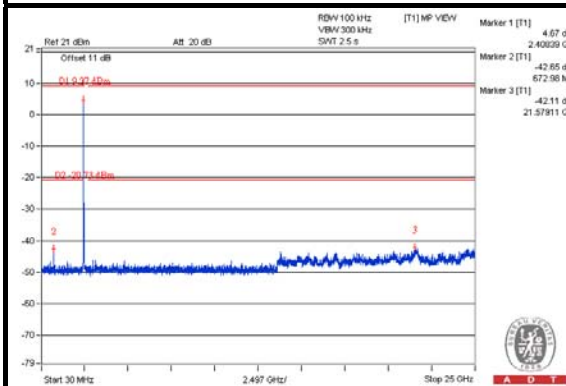


CH 11 Band edge

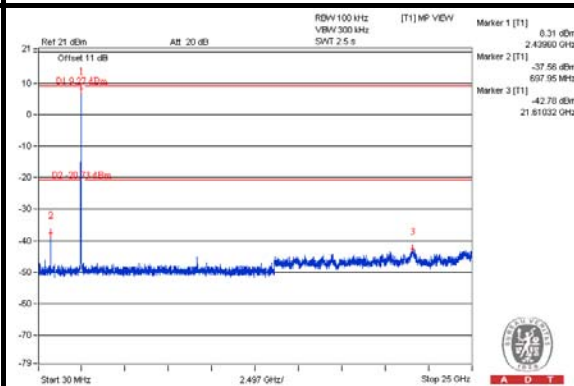


Chain (2)

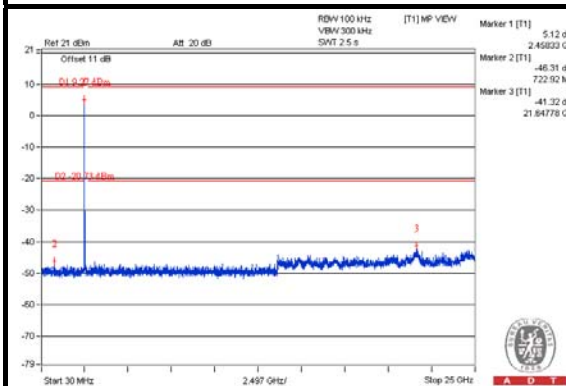
CH 1



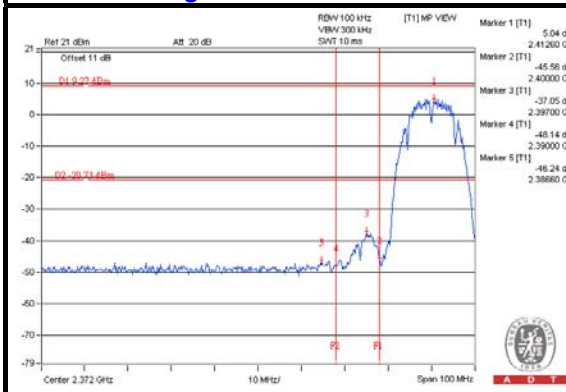
CH 6



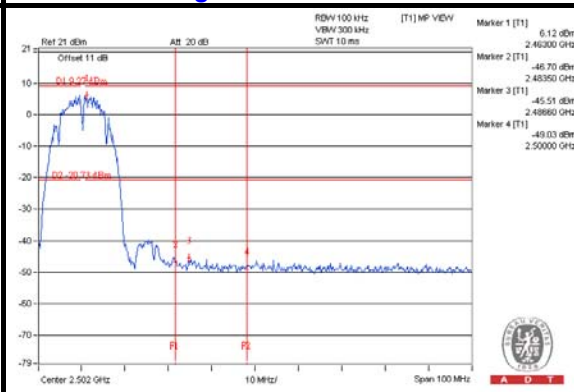
CH 11



CH 1 Band edge



CH 11 Band edge

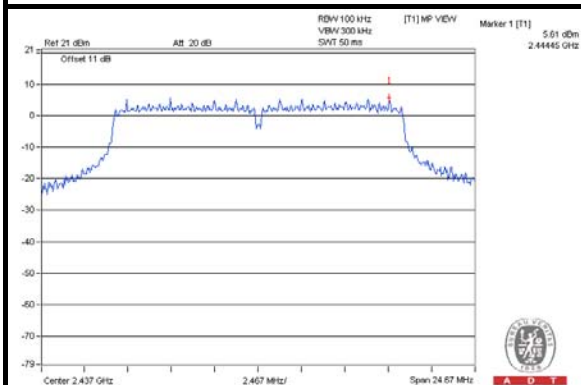




A D T

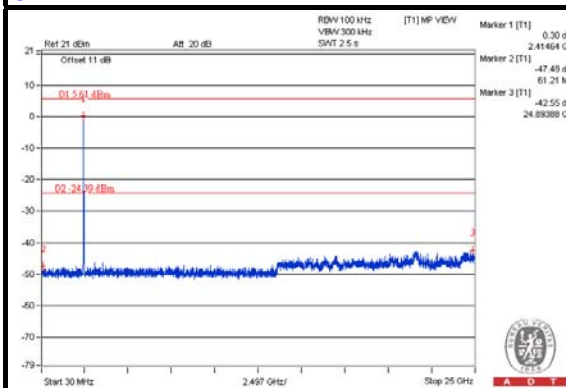
802.11g

Maximum REF

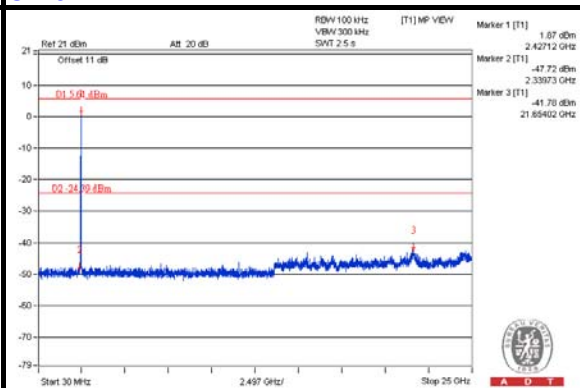


Chain (0)

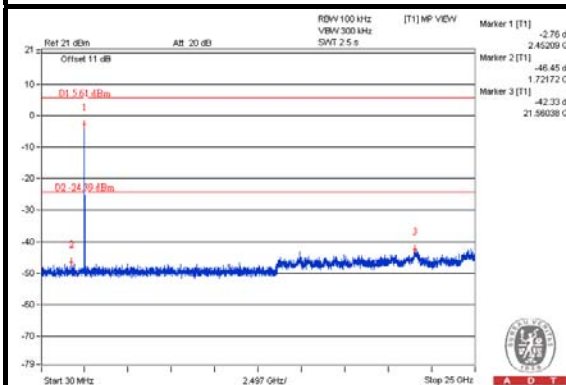
CH 1



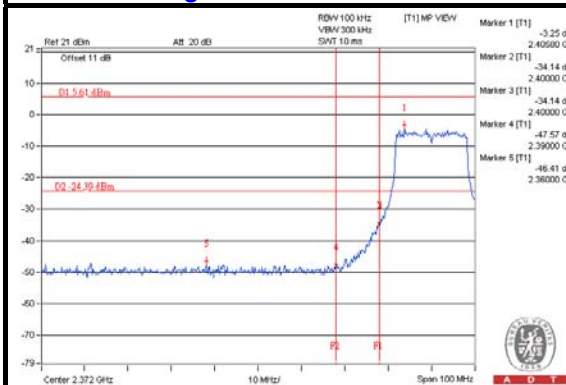
CH 6



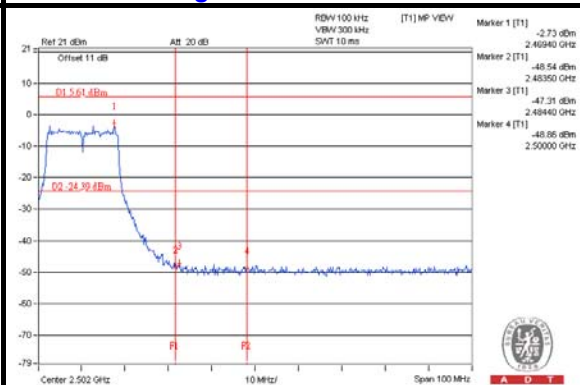
CH 11



CH 1 Band edge



CH 11 Band edge

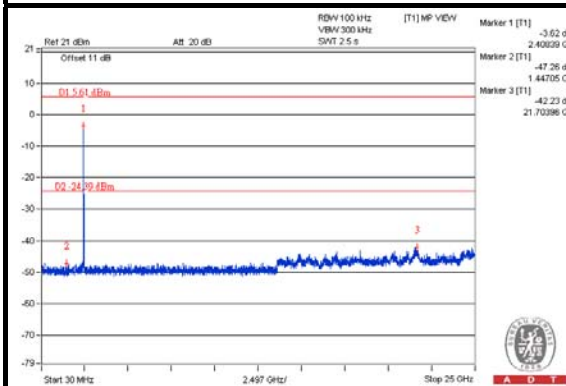




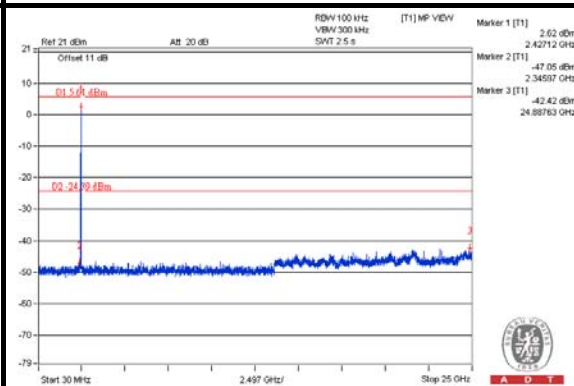
A D T

Chain (1)

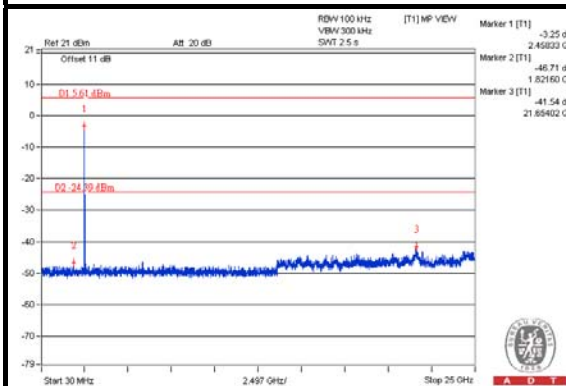
CH 1



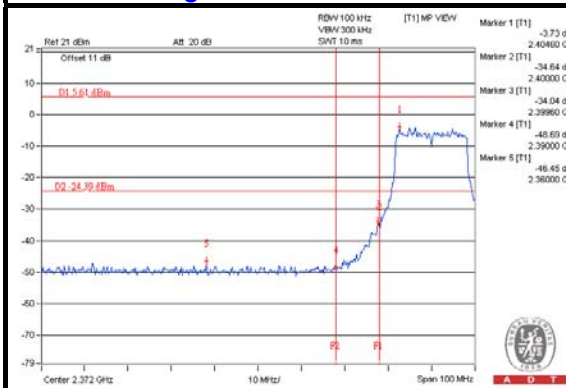
CH 6



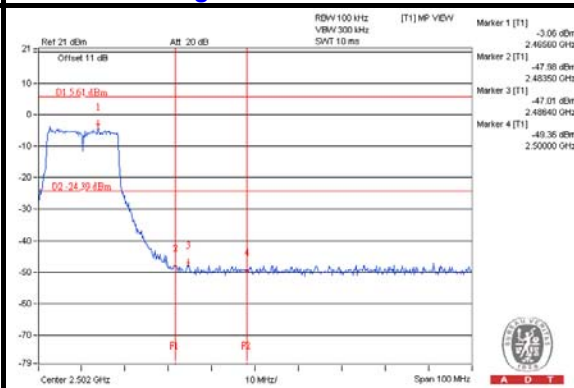
CH 11



CH 1 Band edge



CH 11 Band edge

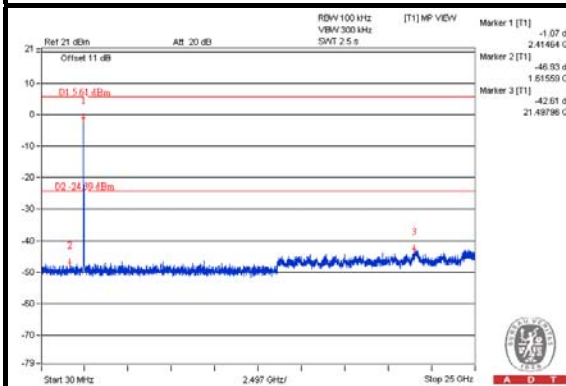




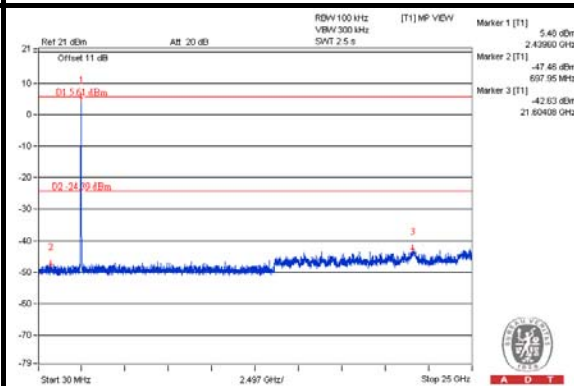
A D T

Chain (2)

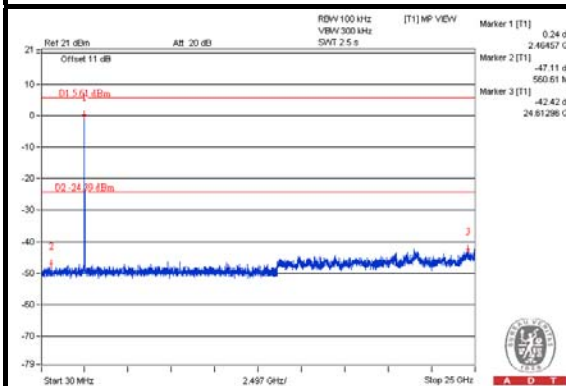
CH 1



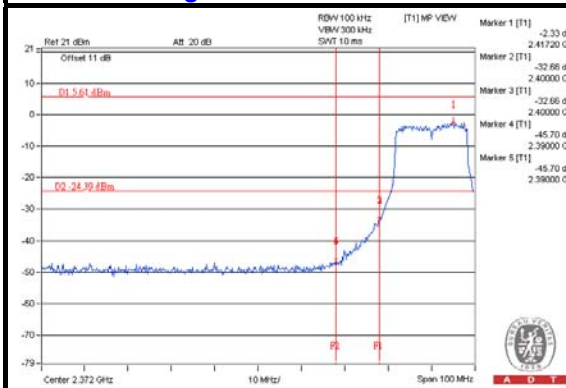
CH 6



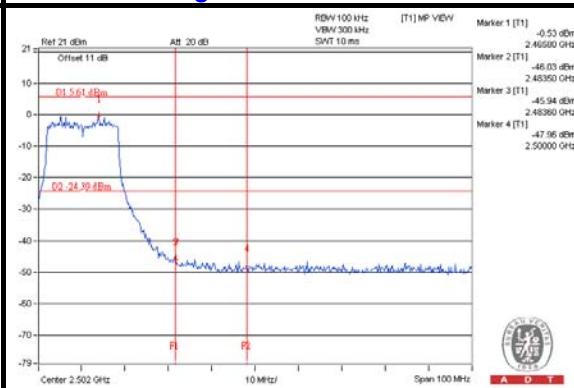
CH 11



CH 1 Band edge

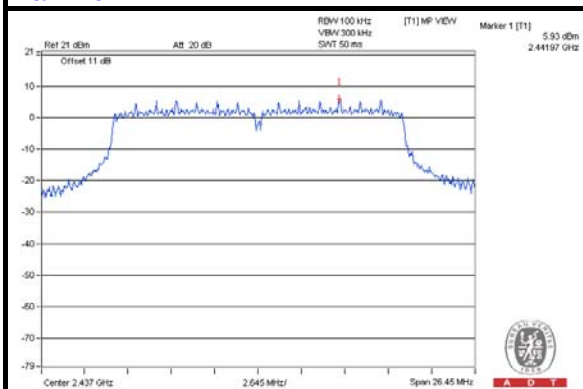


CH 11 Band edge



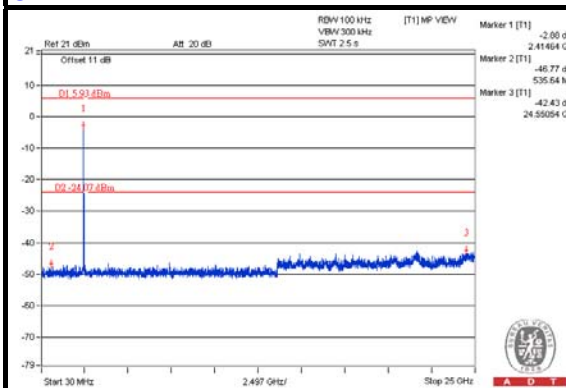
802.11n (HT20)

Maximum REF

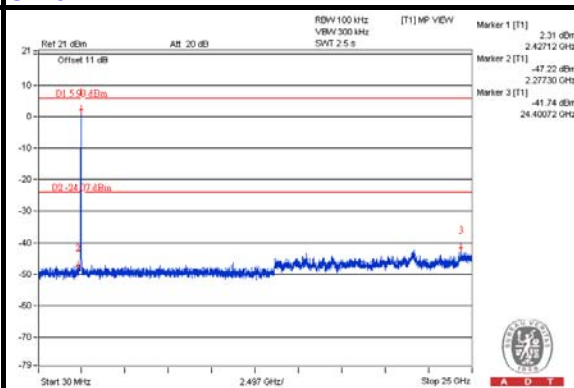


Chain (0)

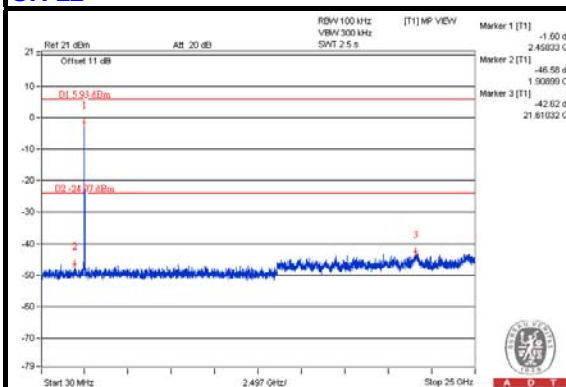
CH 1



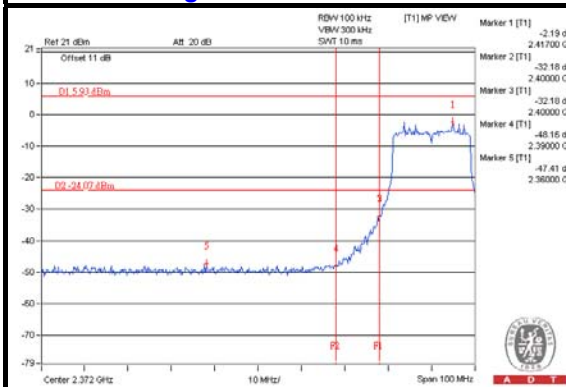
CH 6



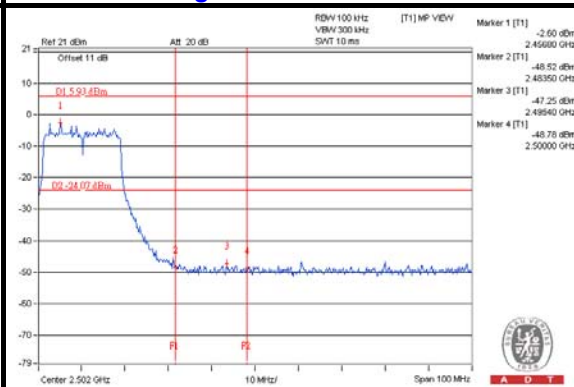
CH 11



CH 1 Band edge



CH 11 Band edge

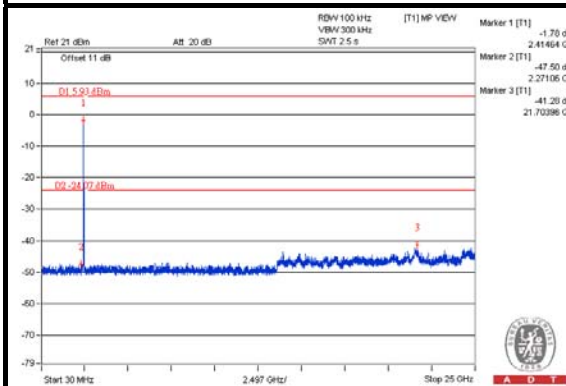




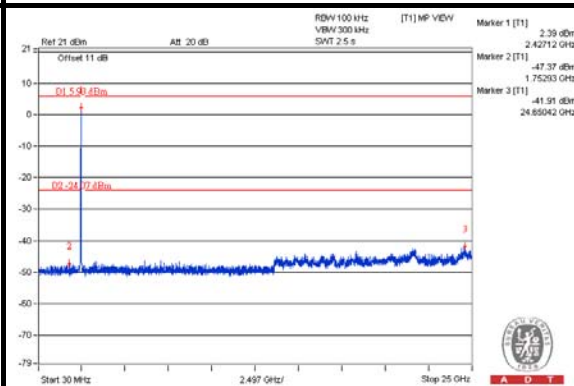
A D T

Chain (1)

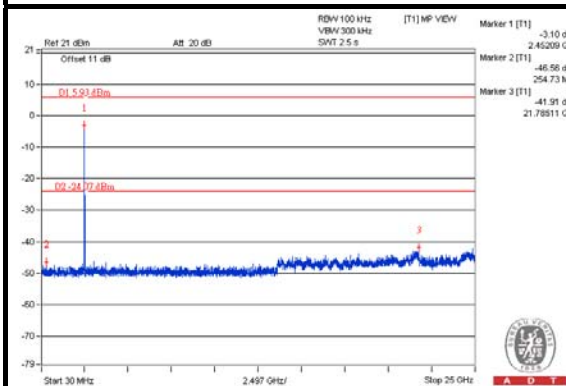
CH 1



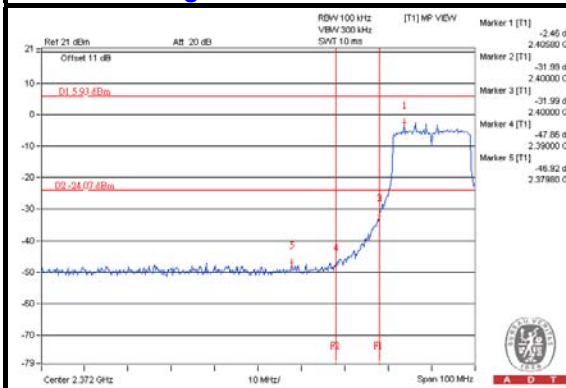
CH 6



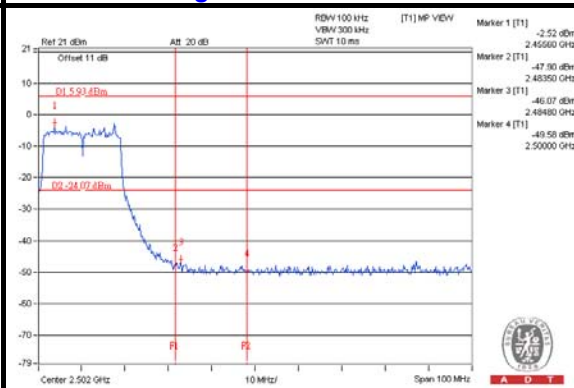
CH 11



CH 1 Band edge



CH 11 Band edge

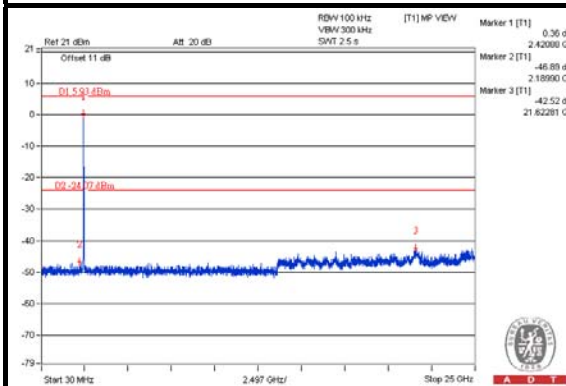




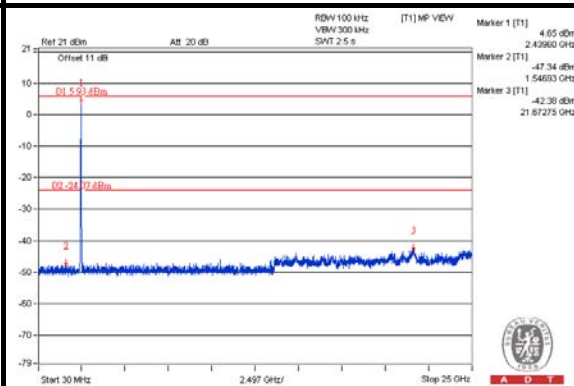
A D T

Chain (2)

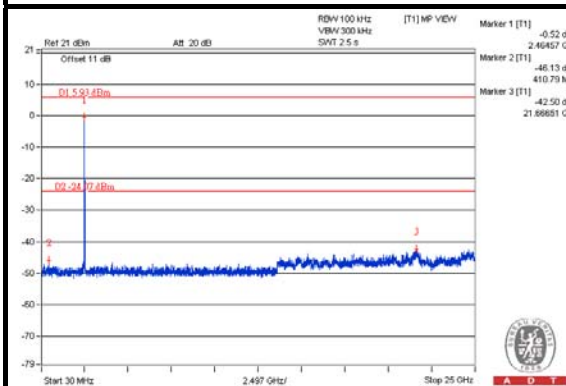
CH 1



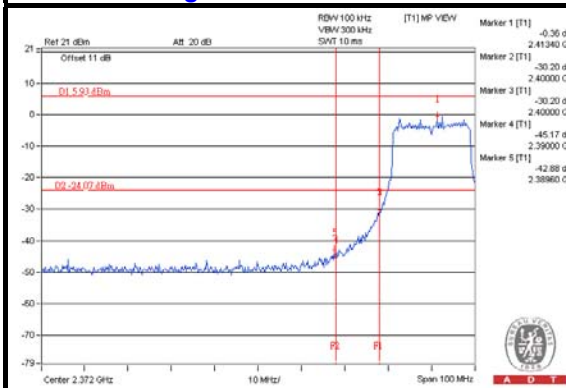
CH 6



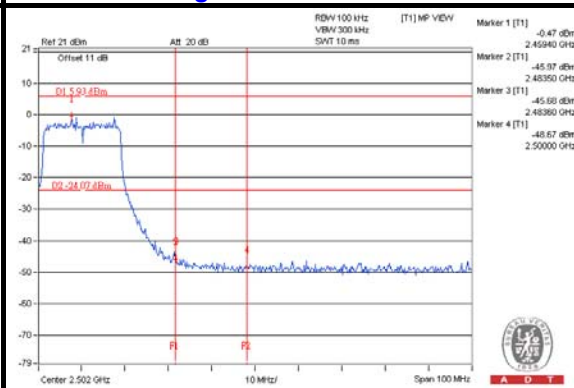
CH 11



CH 1 Band edge

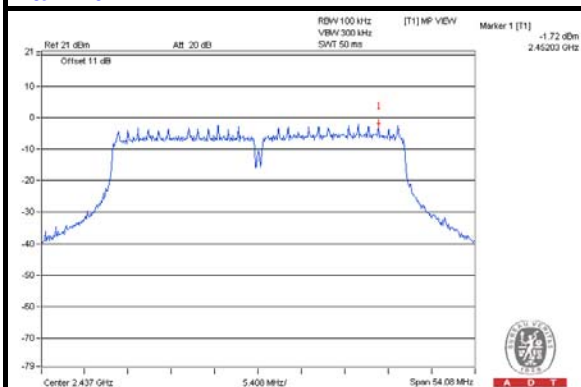


CH 11 Band edge



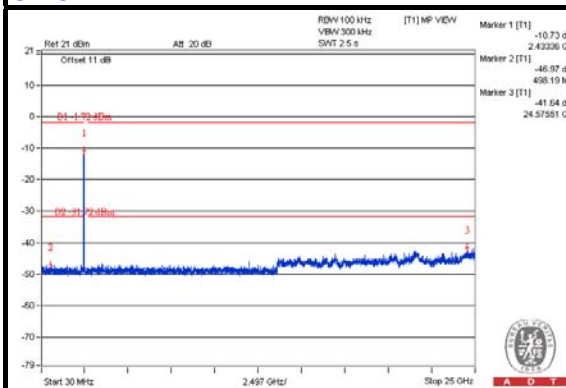
802.11n (HT40)

Maximum REF

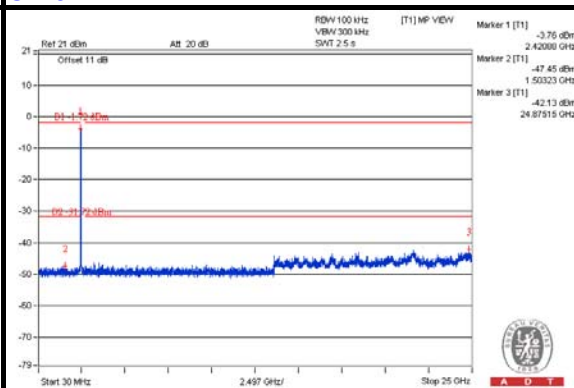


Chain (0)

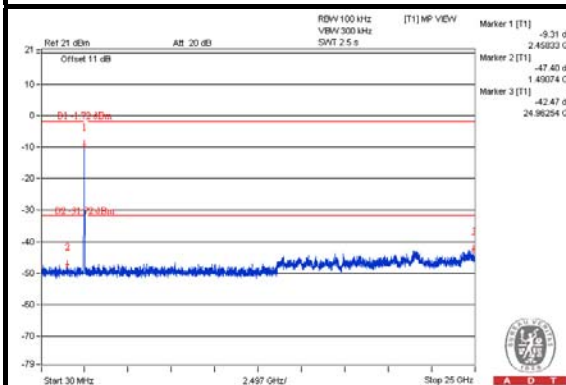
CH 3



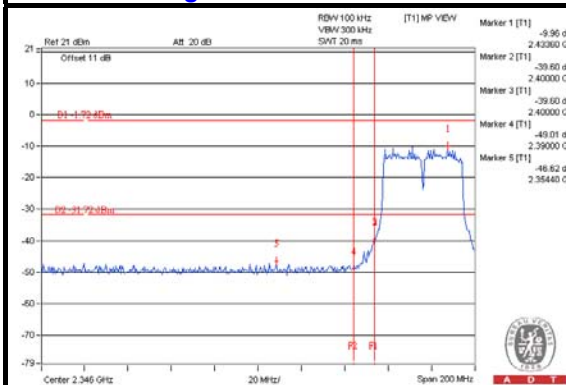
CH 6



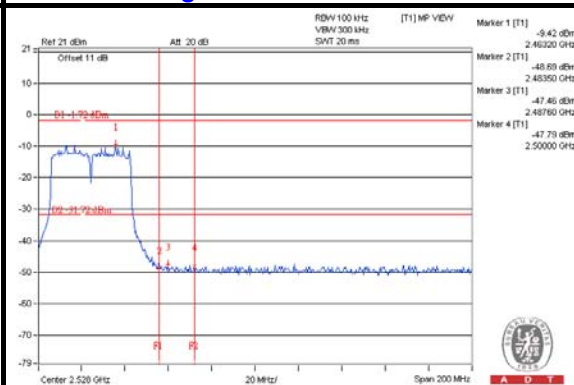
CH 9



CH 3 Band edge



CH 9 Band edge

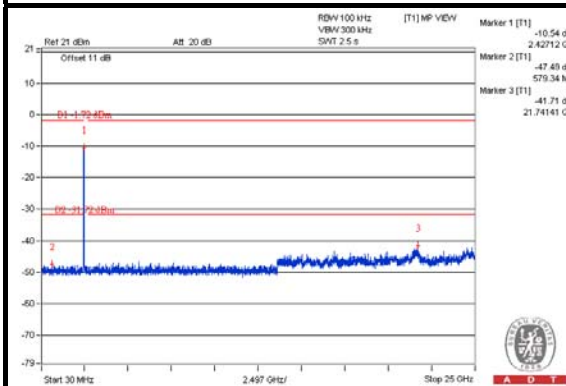




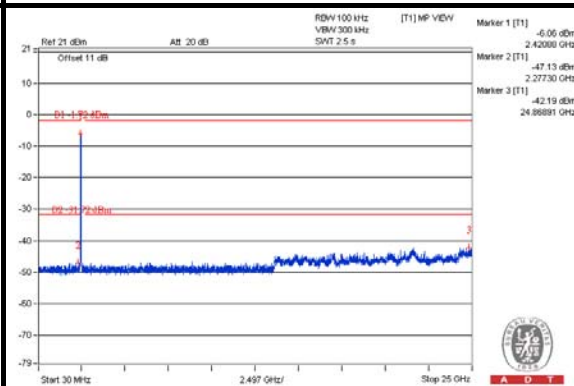
A D T

Chain (1)

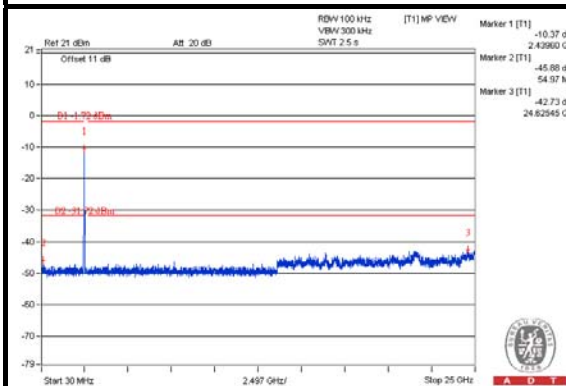
CH 3



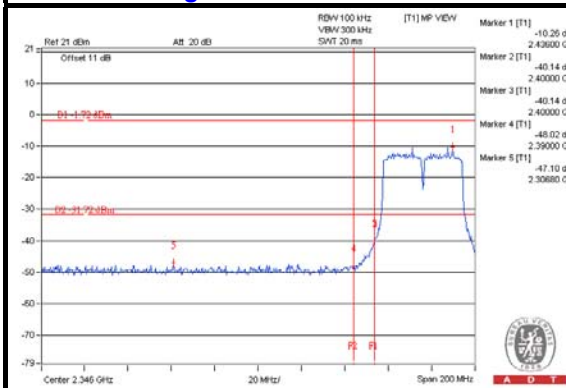
CH 6



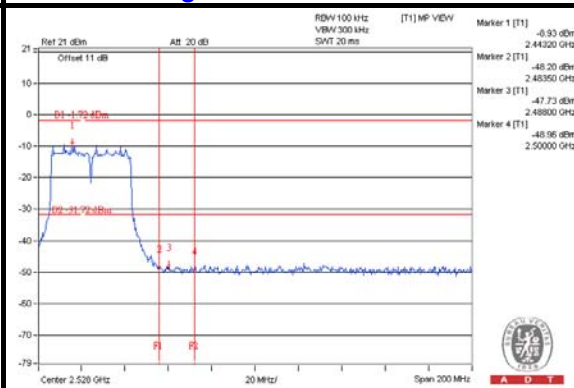
CH 9



CH 3 Band edge



CH 9 Band edge

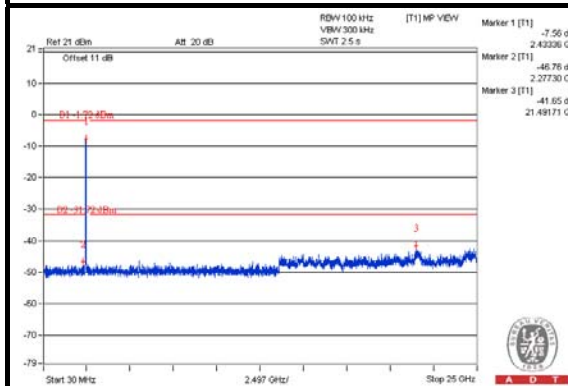




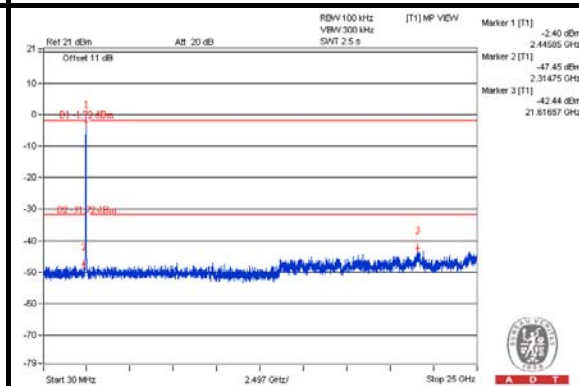
A D T

Chain (2)

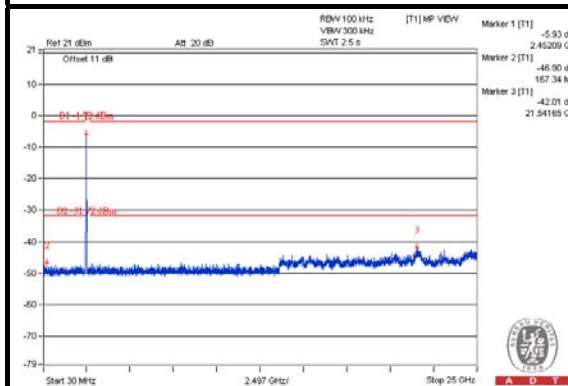
CH 3



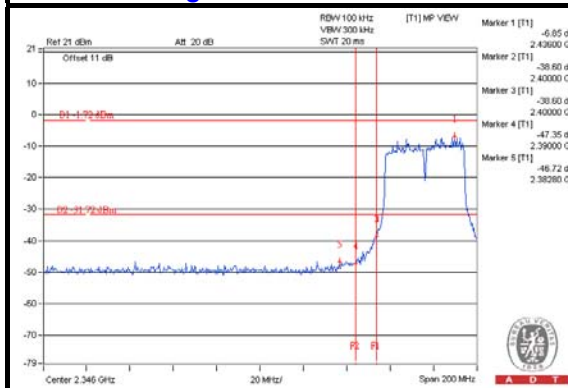
CH 6



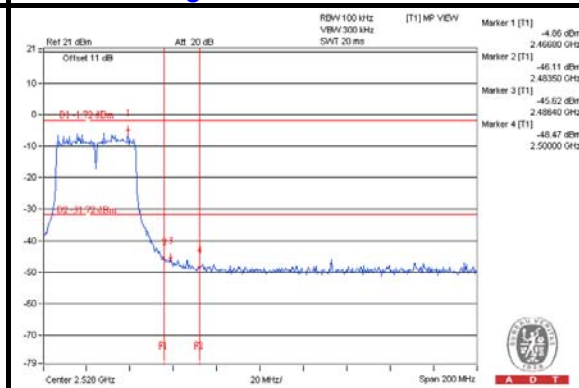
CH 9



CH 3 Band edge



CH 9 Band edge





A D T

5. PHOTOGRAPHS OF THE TEST CONFIGURATION

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



A D T

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/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.



A D T

7. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

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

--- END ---