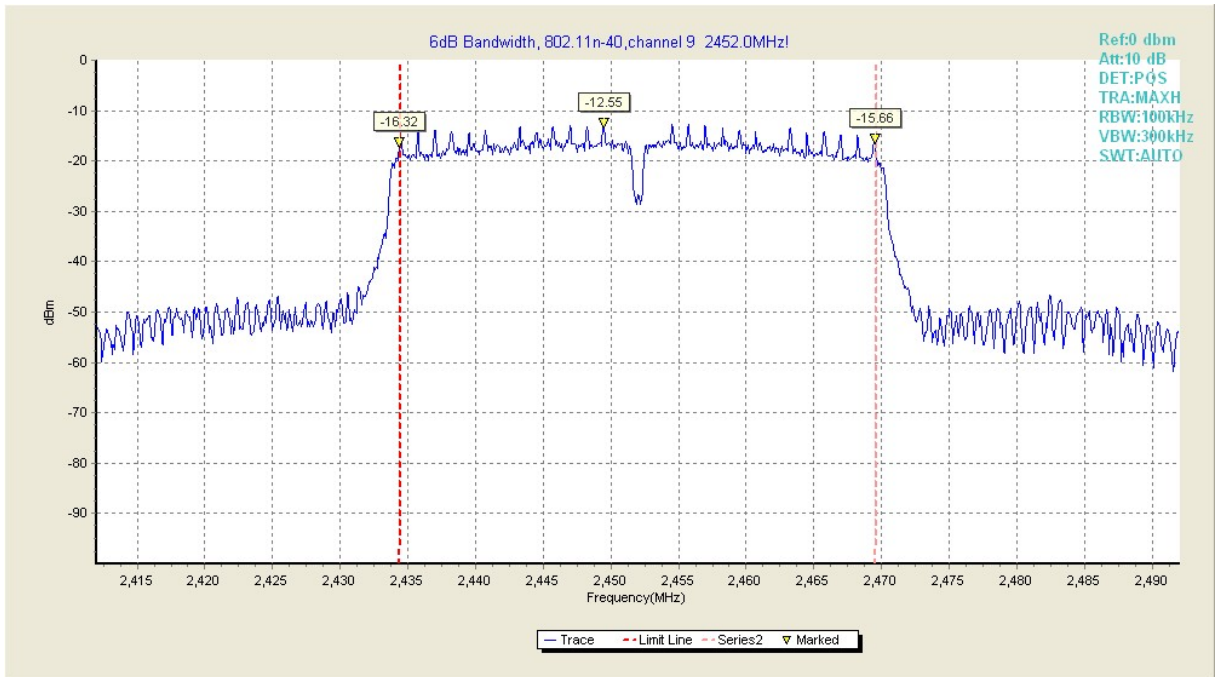


Test plot 1	2419.399902	-15.830000
Test plot 2	2434.520020	-10.860000
Test plot 3	2454.600098	-15.980000

Fig.23 6dB Bandwidth of 802.11 n-40 in channel 6,2437MHz



Test plot 1	2434.399902	-16.320000
Test plot 2	2449.520020	-12.550000
Test plot 3	2469.520020	-15.660000

Fig.24 6dB Bandwidth of 802.11 n-40 in channel 9,2452MHz

B.4 Band Edge Compliance

B.4.1 Description

The Band Edges Compliance shall be equal to or more than 20 dB.

B.4.2 Test Results

Test equipment parameter:

TRA: Max Hold RBW: 100kHz VBW: 300kHz Sweep time: AUTO

802.11b mode

Channel	Frequency(MHz)	Limit (dB)	Test Result(MHz)		Verdict
1	2400	20	22.74	Fig.25	Pass
11	2483.5		36.81	Fig.26	Pass

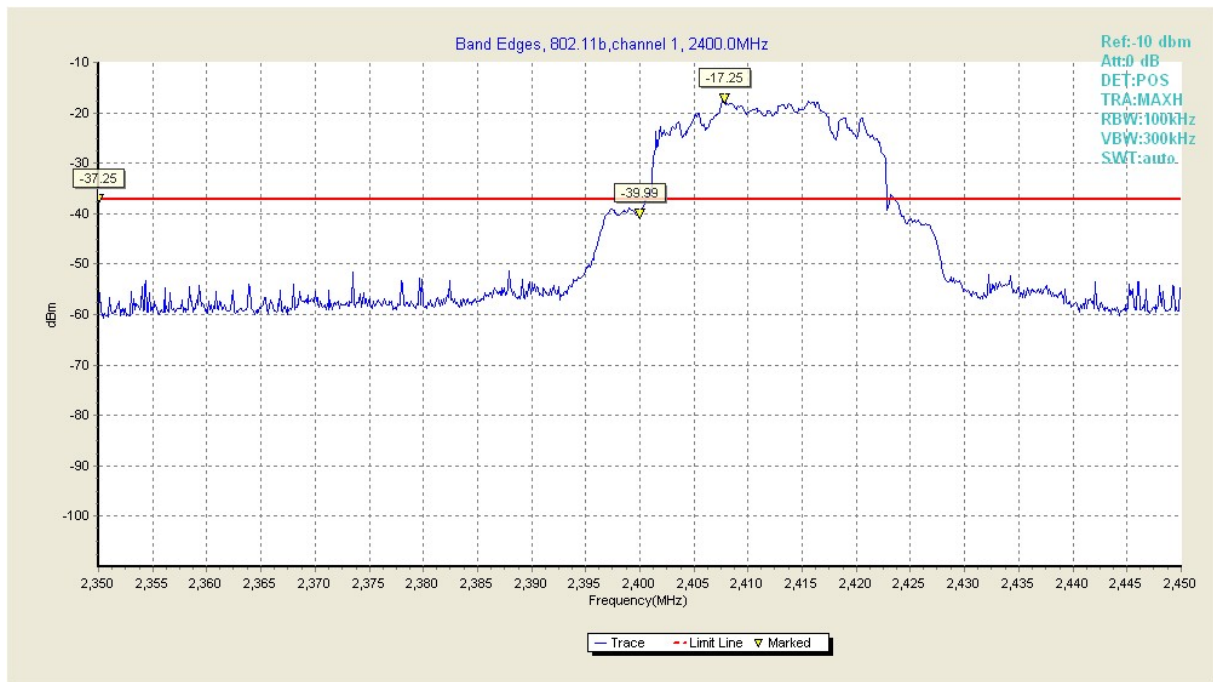


Fig25. Frequency Band Edges of 802.11b in channel 1,2400MHz

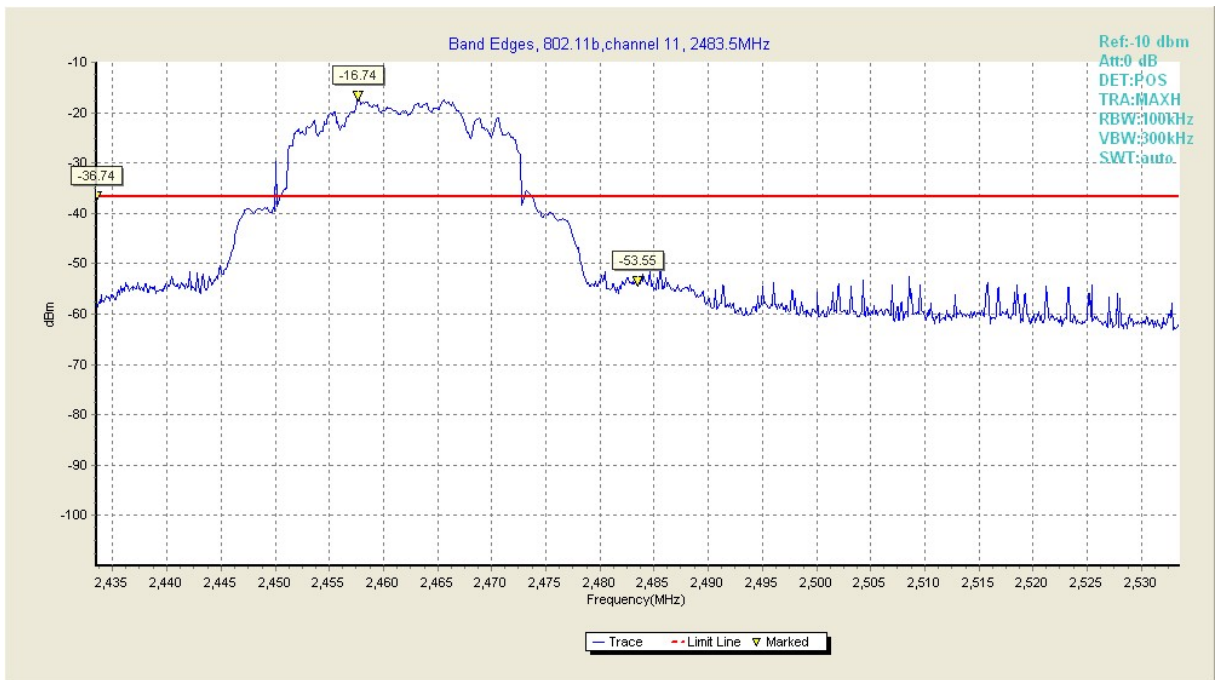


Fig26. Frequency Band Edges of 802.11b in channel 11,2483.5MHz

802.11g mode

Channel	Frequency(MHz)	Limit (dB)	Test Result(MHz)		Verdict
1	2400	20	29.33	Fig.27	Pass
11	2483.5		49.51	Fig.28	Pass



Fig27. Frequency Band Edges of 802.11g in channel 1,2400MHz

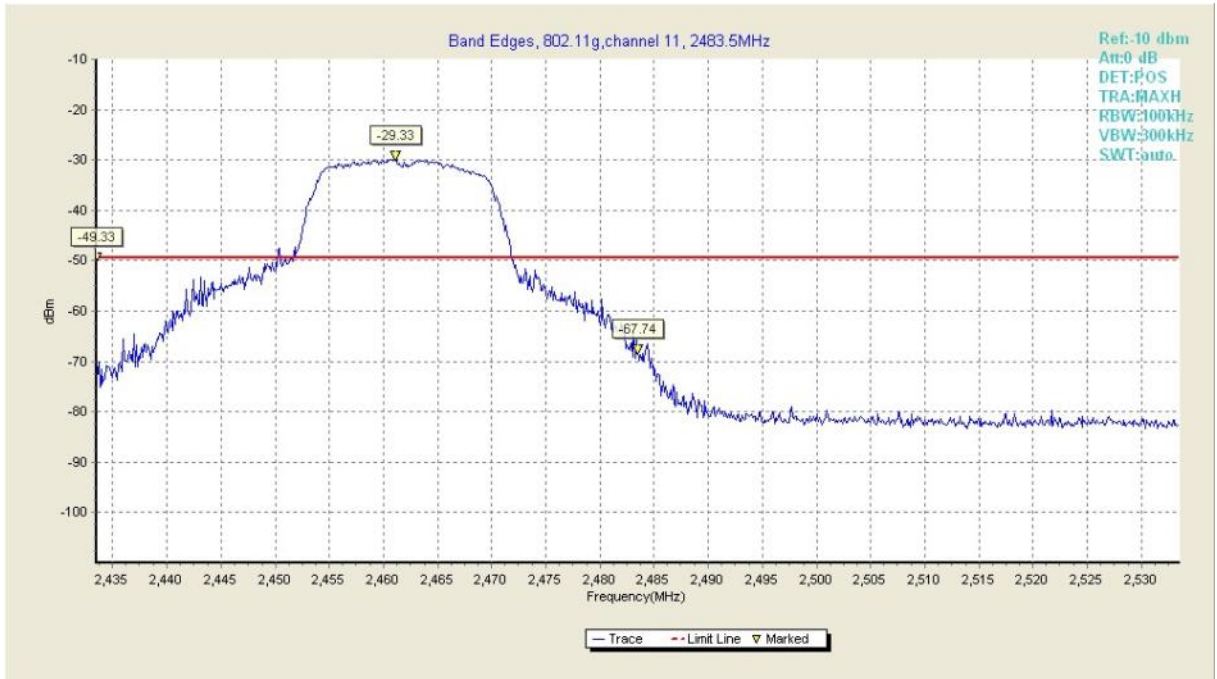


Fig28. Frequency Band Edges of 802.11g in channel 11, 2483.5MHz

802.11n-20 mode

Channel	Frequency (MHz)	Limit (dB)	Test Result (MHz)		Verdict
1	2400	20	21.42	Fig.29	Pass
11	2483.5		34.30	Fig.30	Pass



Fig29. Frequency Band Edges of 802.11n-20 in channel 1, 2400MHz



Fig30. Frequency Band Edges of 802.11n-20 in channel 11,2483.5MHz

802.11n-40 mode

Channel	Frequency(MHz)	Limit (dB)	Test Result(MHz)		Verdict
3	2400	20	21.37	Fig.31	Pass
9	2483.5		30.84	Fig.32	Pass



Fig31. Frequency Band Edges of 802.11n-40 in channel 1,2400MHz

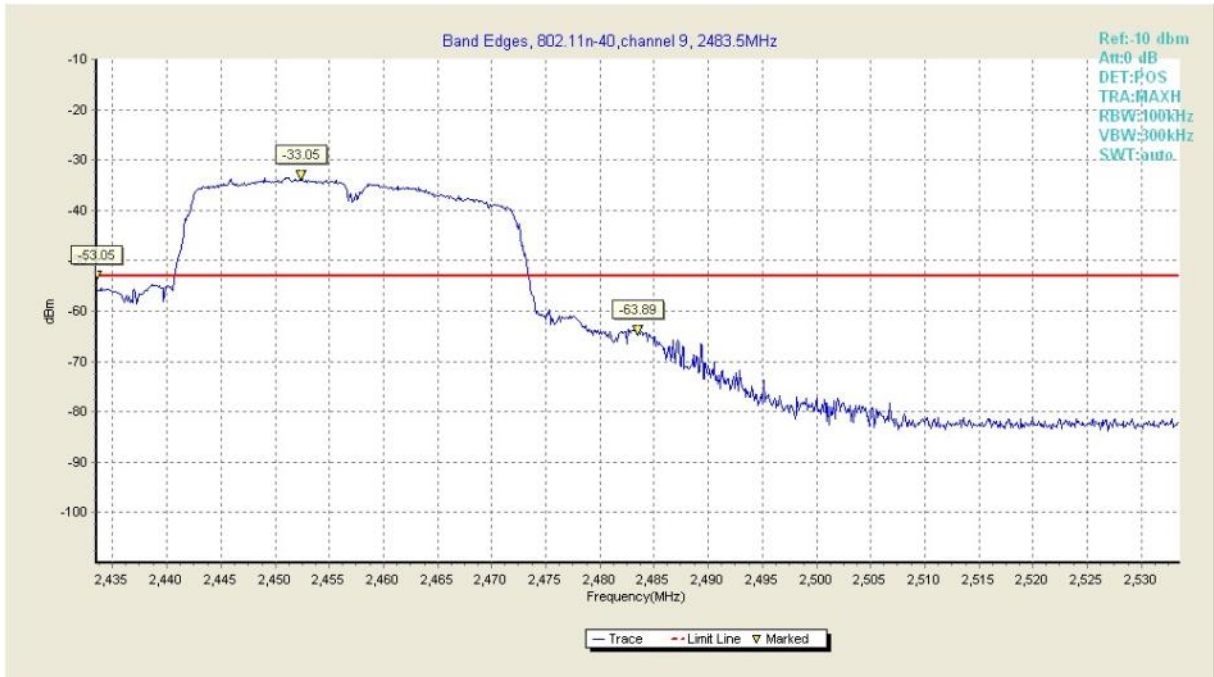


Fig32. Frequency Band Edges of 802.11n-40 in channel 11,2483.5MHz

B.5 Conducted Transmission Spurious Emission

B.5.1 Description

All harmonics/spurious must be at least 20 dB down from the highest emission level within the authorized band. For the following out of band conducted spurious emissions plots, the EUT was investigated in all available data rates for "b", "g" and "n" modes. The worst case spurious emissions for the 2.4GHz band were found while transmitting in "b" mode at 1 Mbps and are shown in the plots below.

B.5.2 Test Result

Test equipment parameter:

TRA: Max Hold RBW: 100kHz VBW: 300kHz Sweep time: AUTO

802.11b mode

Channel	Frequency Range	Test Results	Verdict
1	30MHz ~ 1GHz	Fig.33	Pass
	1GHz ~ 2.5GHz	Fig.34	Pass
	2.5GHz ~ 7.5GHz	Fig.35	Pass
	7.5GHz ~ 10GHz	Fig.36	Pass
	10GHz ~ 15GHz	Fig.37	Pass
	15GHz ~ 20GHz	Fig.38	Pass
	20GHz ~ 26GHz	Fig.39	Pass
6	30MHz ~ 1GHz	Fig.40	Pass
	1GHz ~ 2.5GHz	Fig.41	Pass
	2.5GHz ~ 7.5GHz	Fig.42	Pass
	7.5GHz ~ 10GHz	Fig.43	Pass

	10GHz ~ 15GHz	Fig.44	Pass
	15GHz ~ 20GHz	Fig.45	Pass
	20GHz ~ 26GHz	Fig.46	Pass
11	30MHz ~ 1GHz	Fig.47	Pass
	1GHz ~ 2.5GHz	Fig.48	Pass
	2.5GHz ~ 7.5GHz	Fig.49	Pass
	7.5GHz ~ 10GHz	Fig.50	Pass
	10GHz ~ 15GHz	Fig.51	Pass
	15GHz ~ 20GHz	Fig.52	Pass
	20GHz ~ 26GHz	Fig.53	Pass

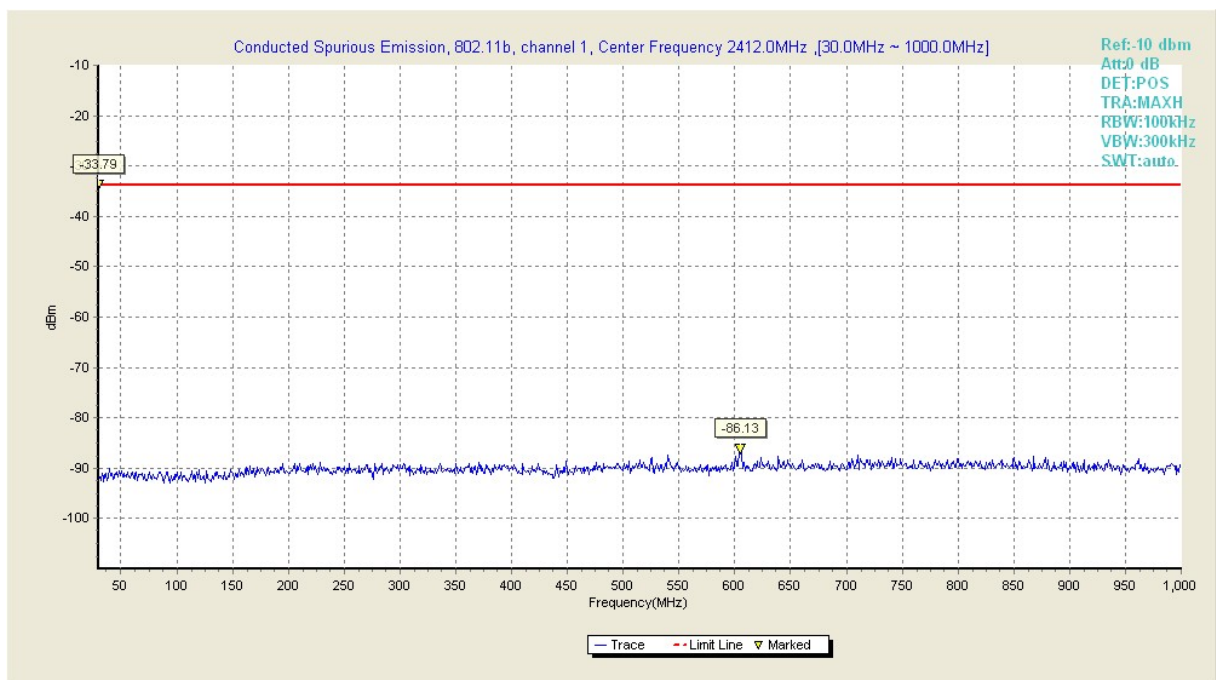


Fig33. Conducted Transmission Spurious Emission of 802.11b in channel 1, 30MHz~1GHz

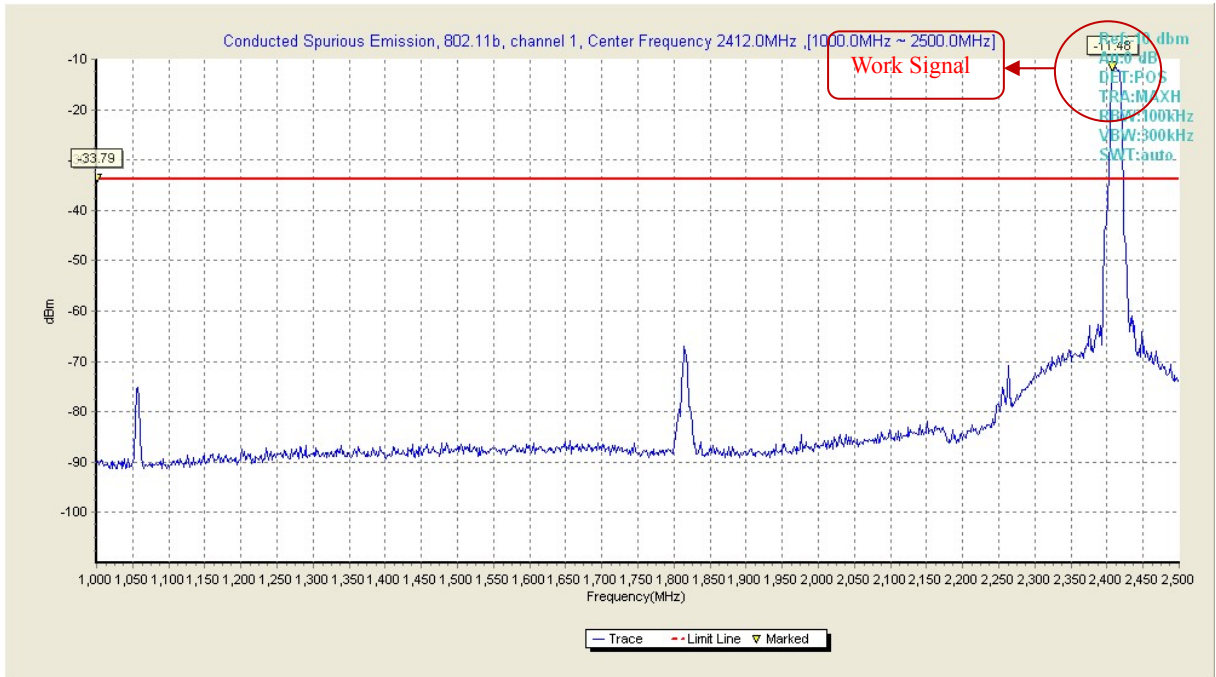


Fig34. Conducted Transmission Spurious Emission of 802.11b in channel 1, 1GHz~2.5GHz

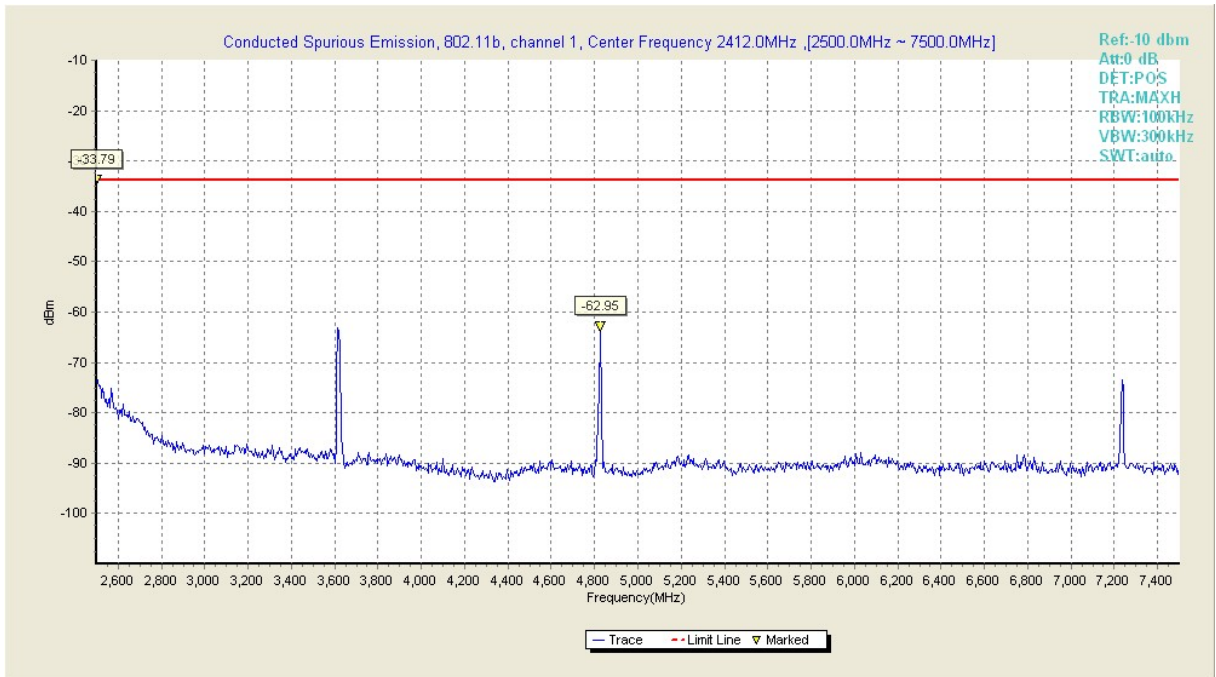


Fig35. Conducted Transmission Spurious Emission of 802.11b in channel 1, 2.5GHz~7.5GHz

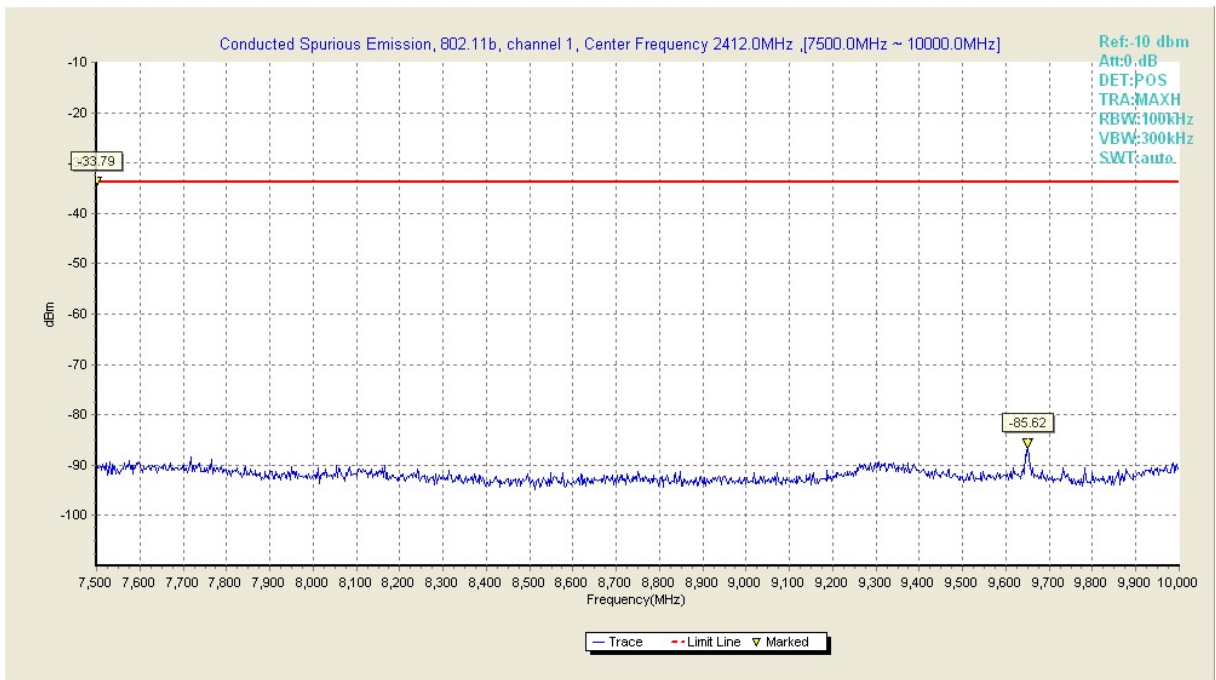


Fig36. Conducted Transmission Spurious Emission of 802.11b in channel 1, 7.5GHz~10.5GHz

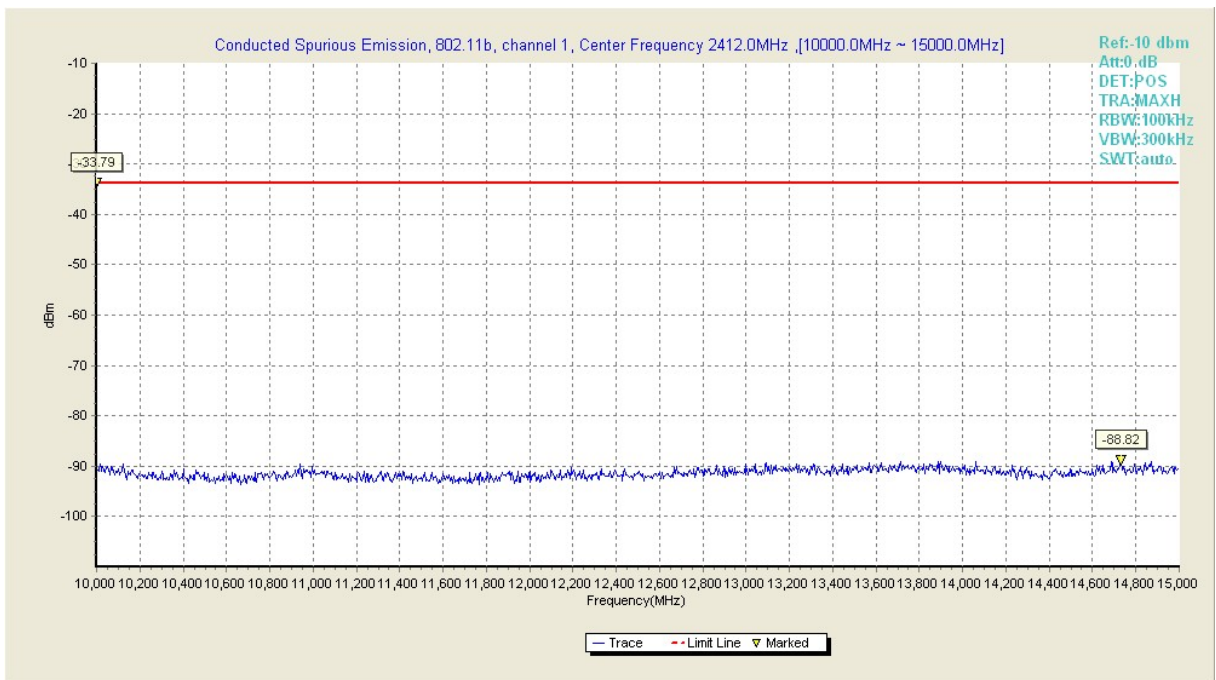


Fig37. Conducted Transmission Spurious Emission of 802.11b in channel 1, 10GHz~15GHz

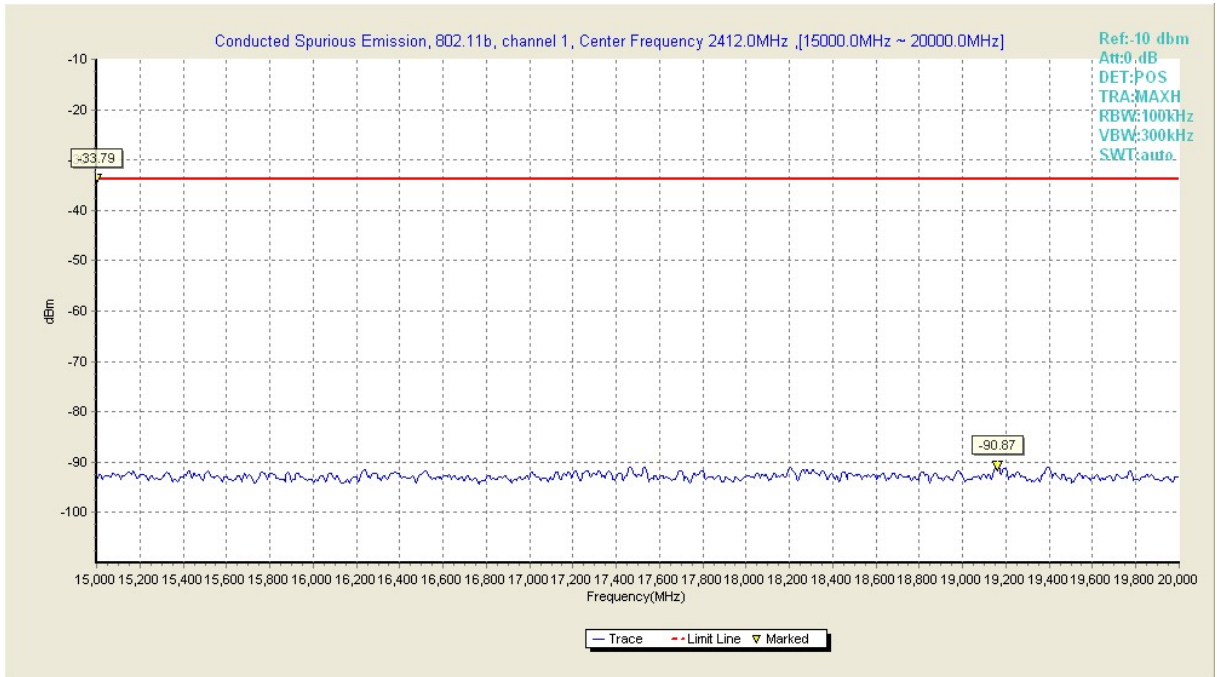


Fig38. Conducted Transmission Spurious Emission of 802.11b in channel 1, 15GHz~20GHz

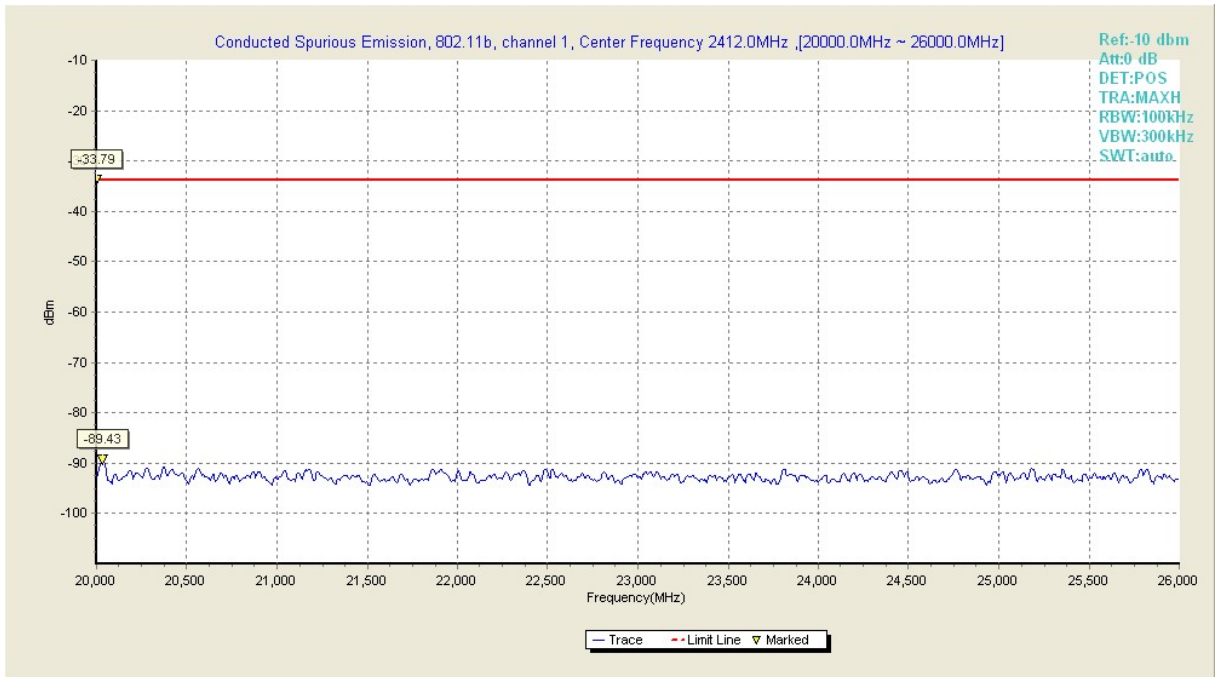


Fig39. Conducted Transmission Spurious Emission of 802.11b in channel 1, 20GHz~26GHz

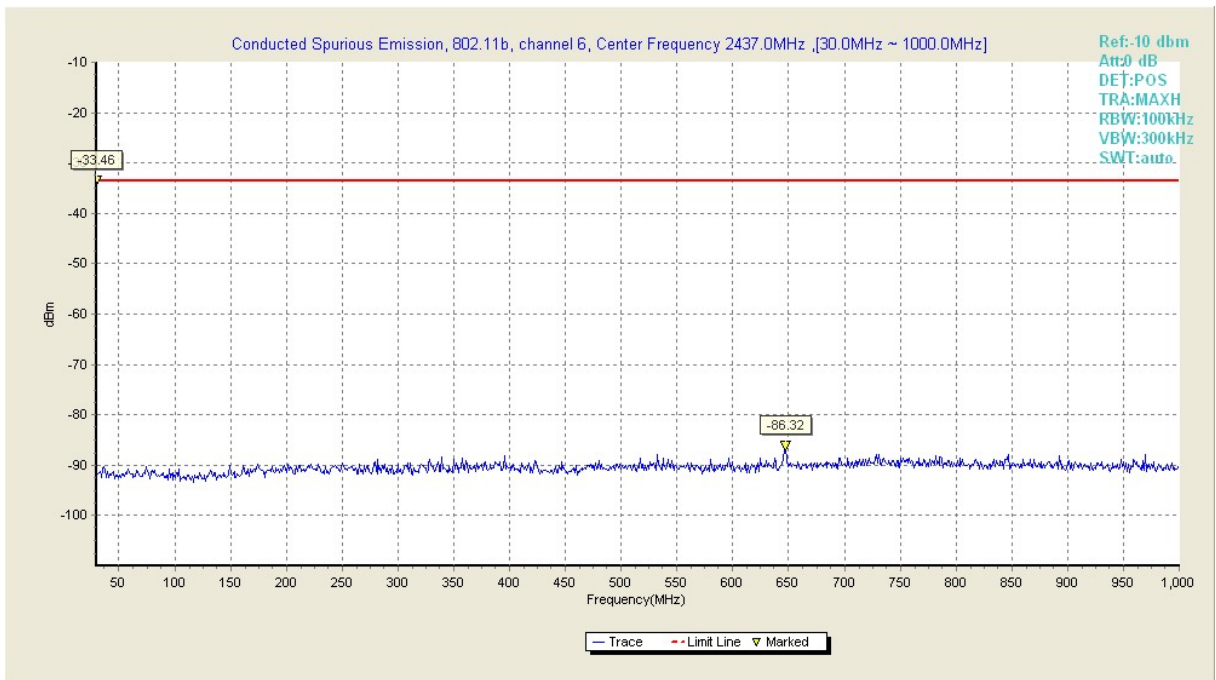


Fig40. Conducted Transmission Spurious Emission of 802.11b in channel 6, 30MHz~1GHz

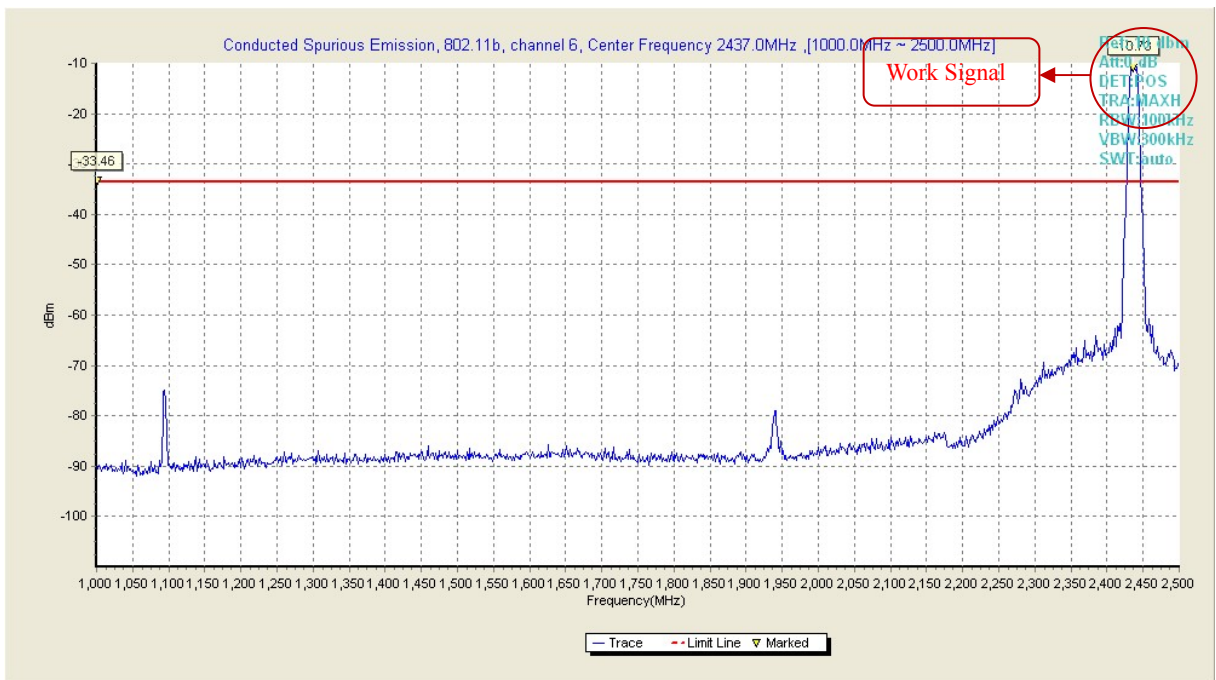


Fig41. Conducted Transmission Spurious Emission of 802.11b in channel 6, 1GHz~2.5GHz

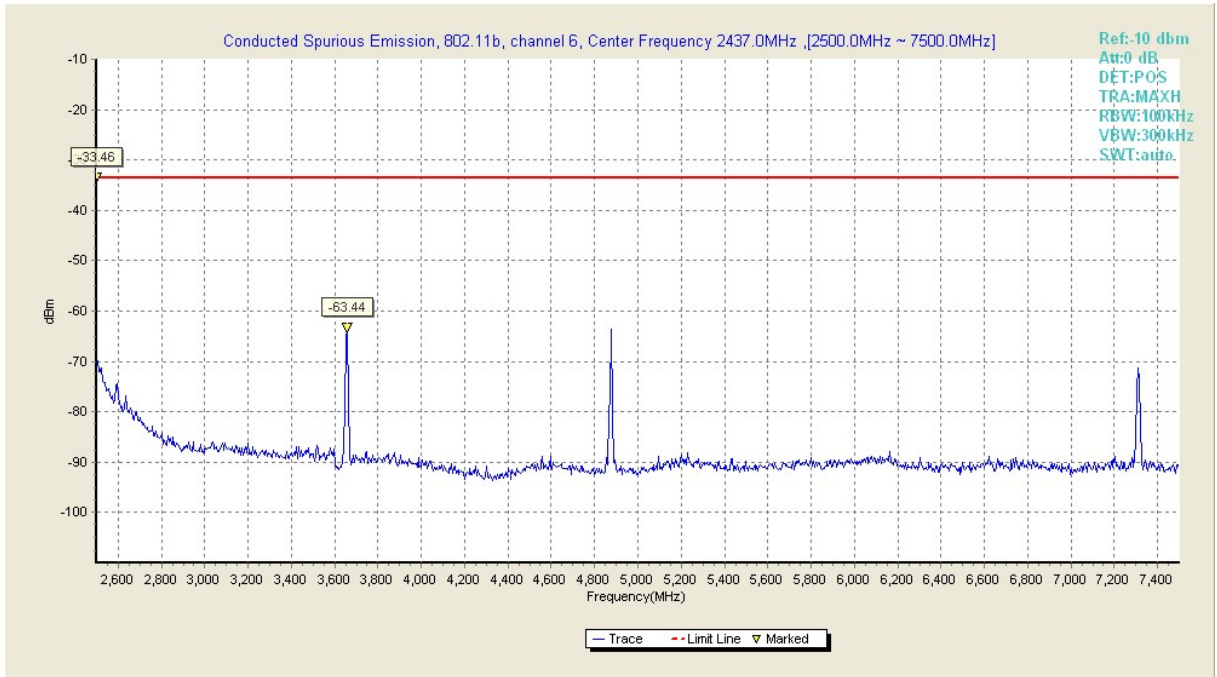


Fig42. Conducted Transmission Spurious Emission of 802.11b in channel 6, 2.5GHz~7.5GHz

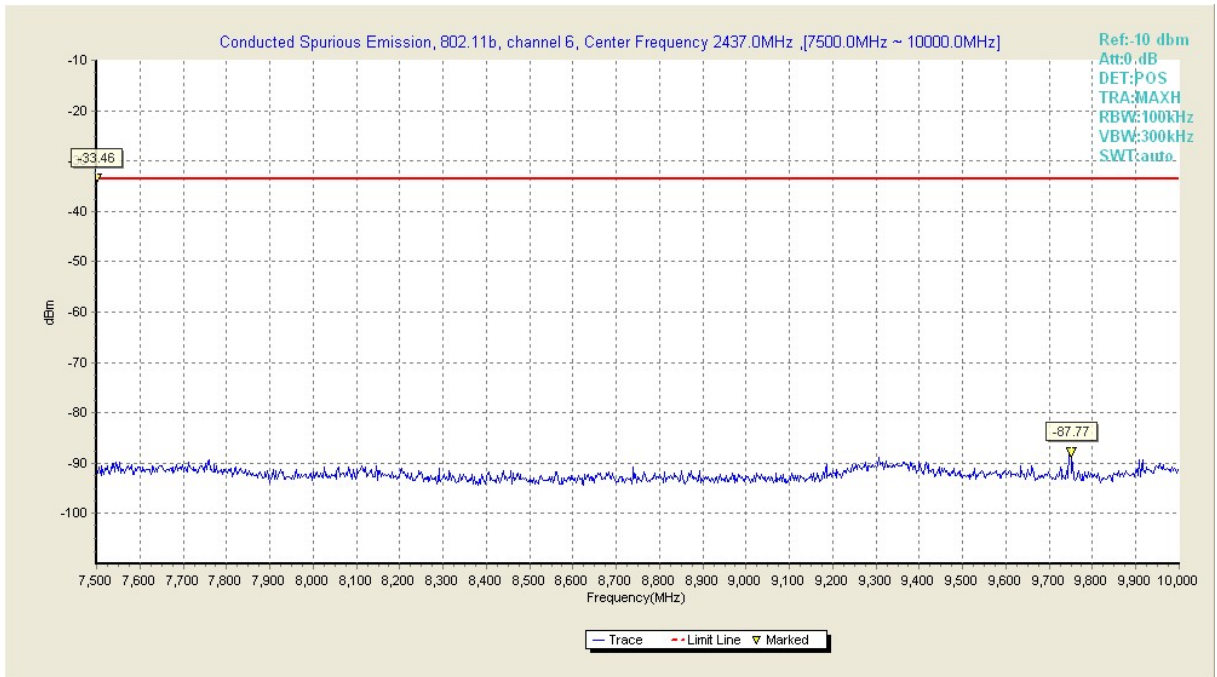


Fig43. Conducted Transmission Spurious Emission of 802.11b in channel 6, 7.5GHz~10GHz

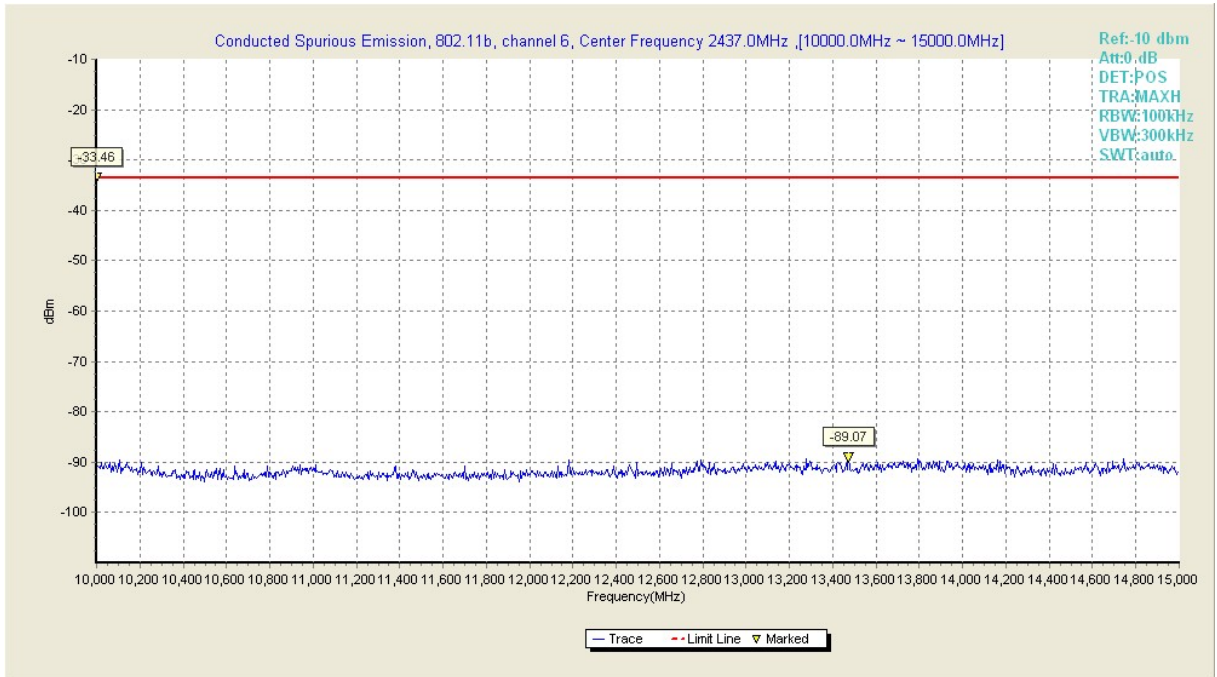


Fig44. Conducted Transmission Spurious Emission of 802.11b in channel 6, 10GHz~15GHz

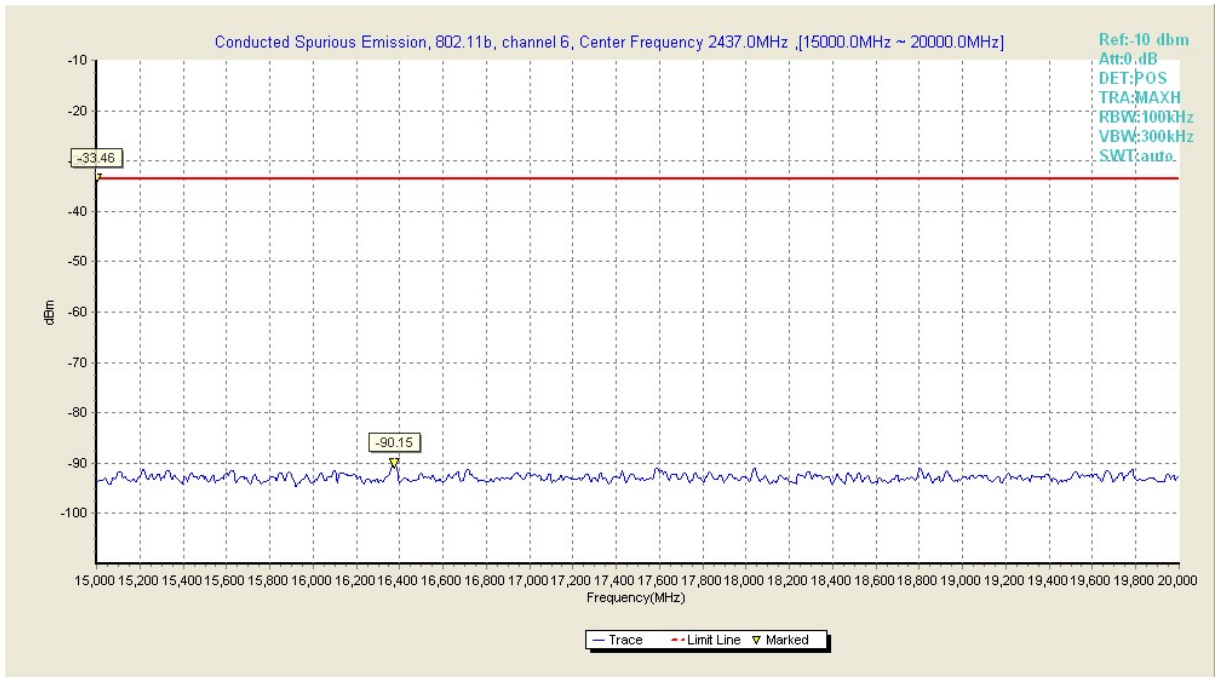


Fig45. Conducted Transmission Spurious Emission of 802.11b in channel 6, 15GHz~20GHz

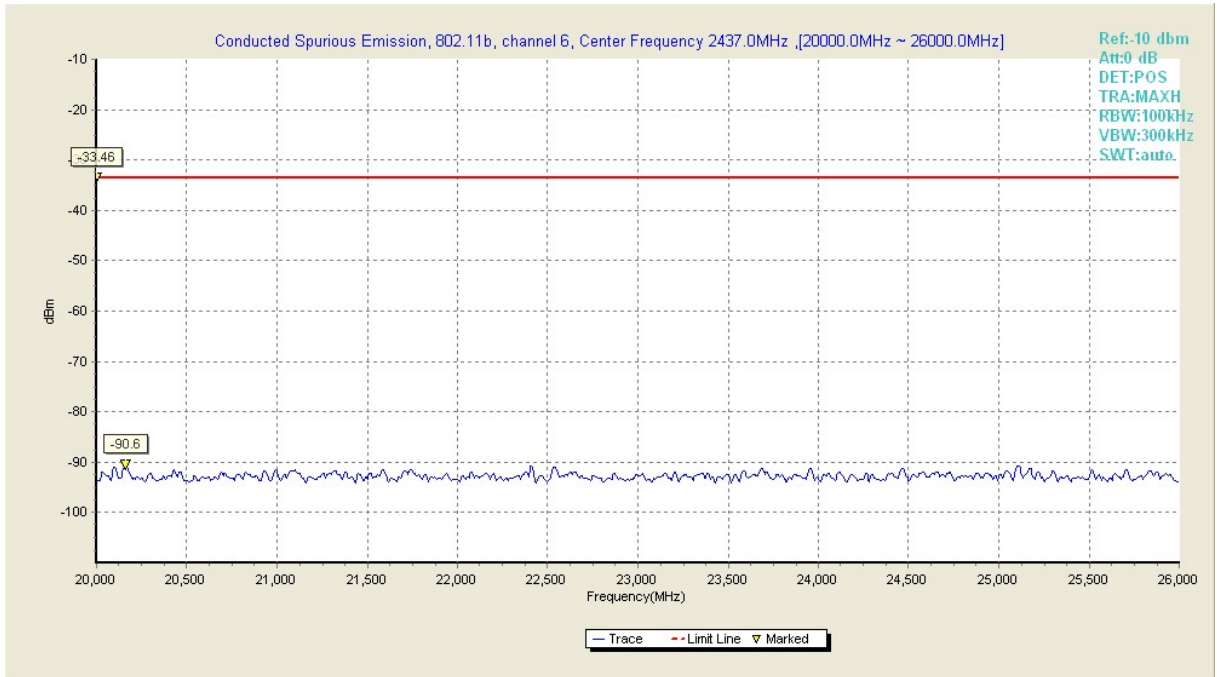


Fig46. Conducted Transmission Spurious Emission of 802.11b in channel 6, 20GHz~26GHz

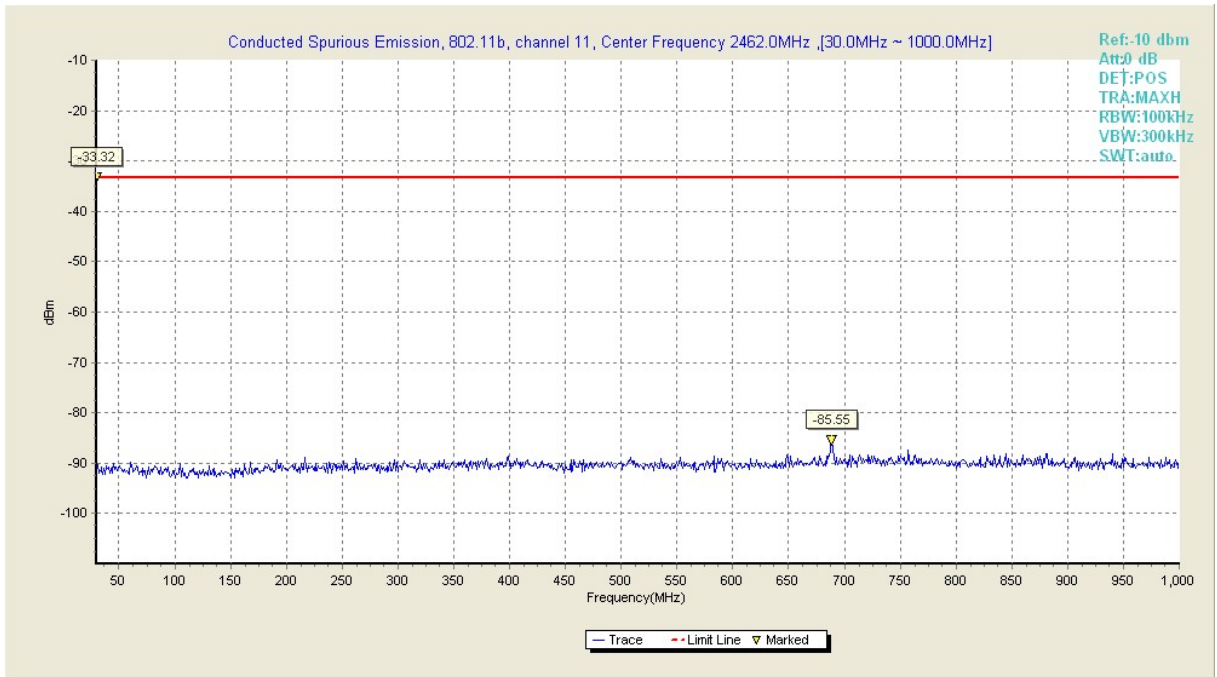


Fig47. Conducted Transmission Spurious Emission of 802.11b in channel 11, 30MHz~1GHz

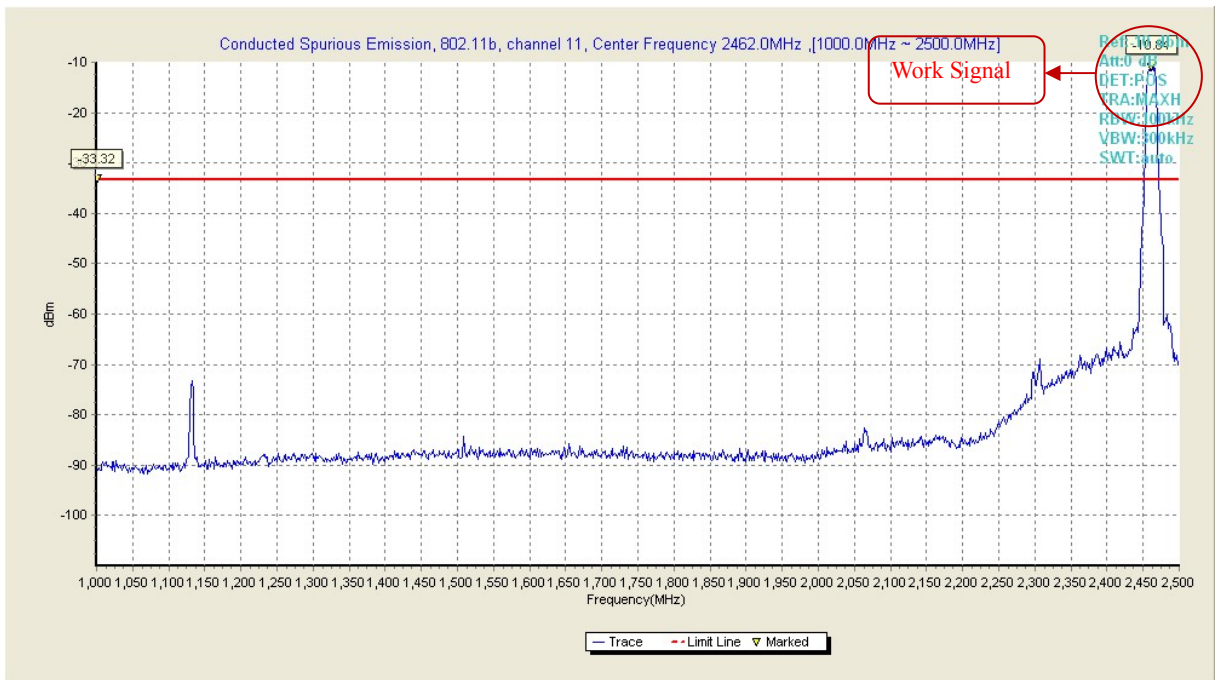


Fig48. Conducted Transmission Spurious Emission of 802.11b in channel 11, 1GHz~2.5GHz

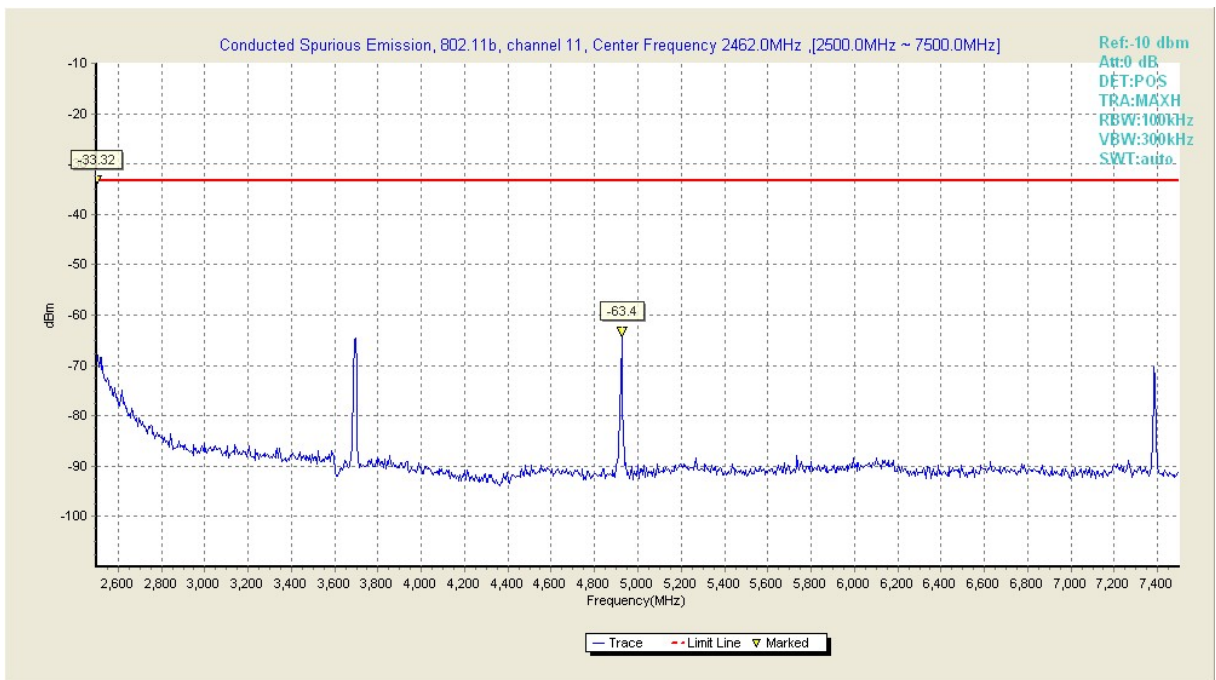


Fig49. Conducted Transmission Spurious Emission of 802.11b in channel 11, 2.5GHz~7.5GHz

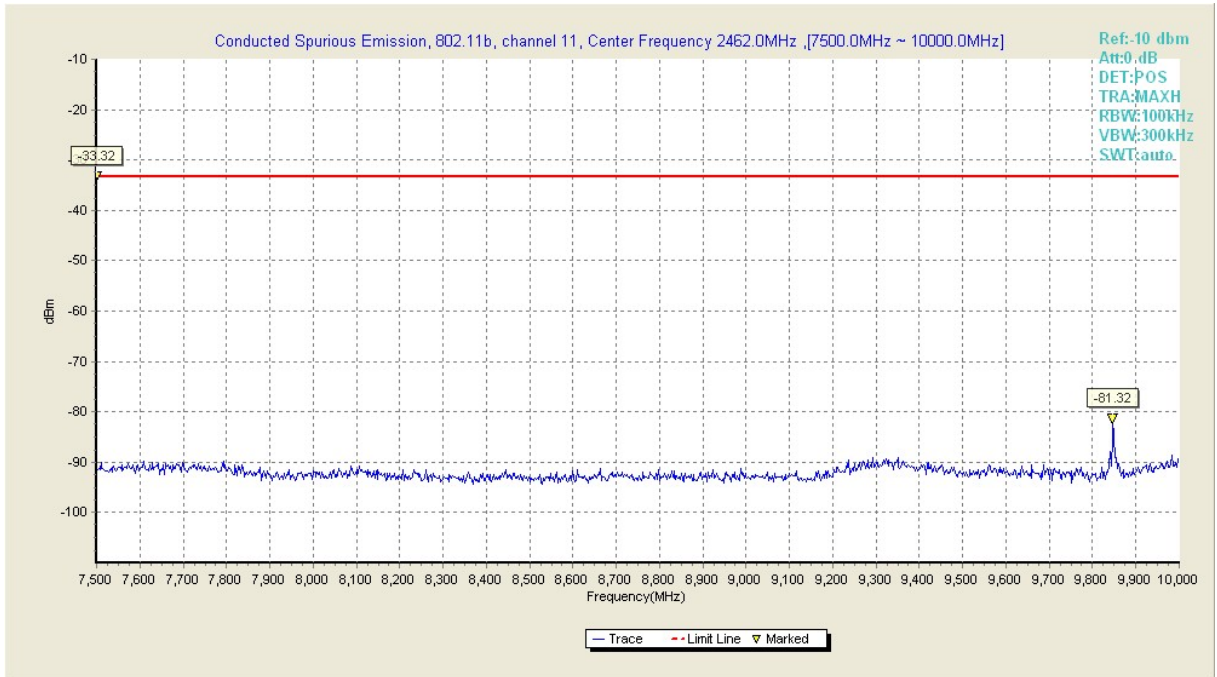


Fig50. Conducted Transmission Spurious Emission of 802.11b in channel 11, 7.5GHz~10GHz

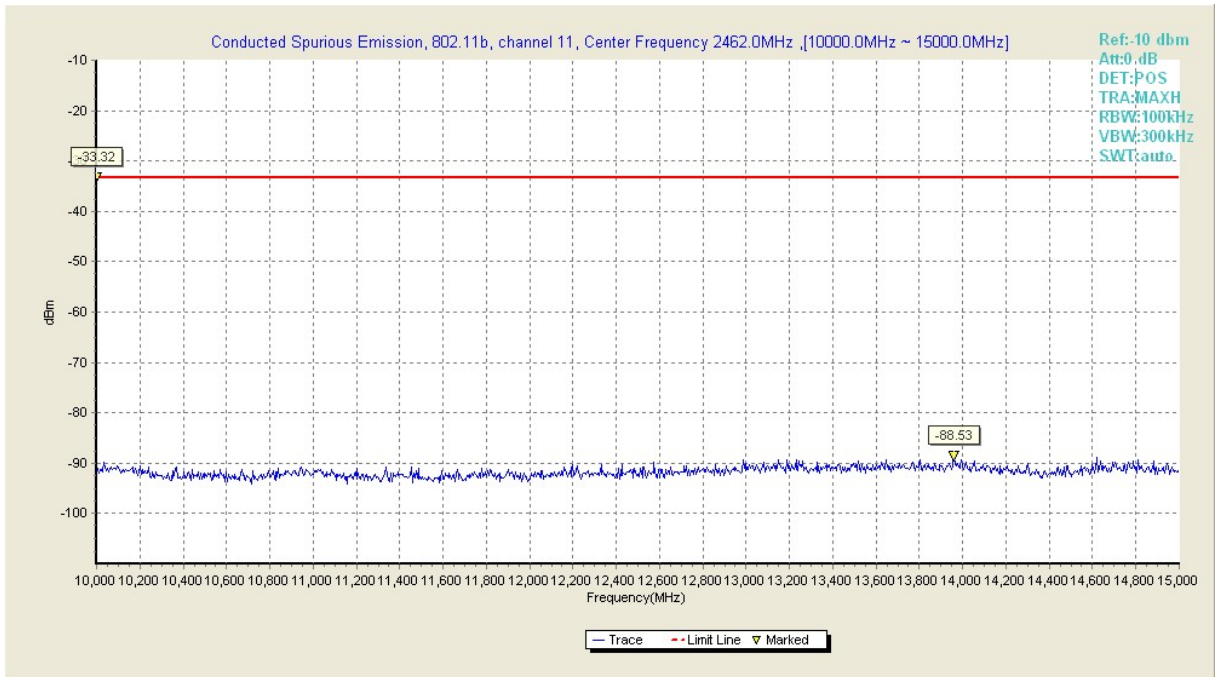


Fig51. Conducted Transmission Spurious Emission of 802.11b in channel 11, 10GHz~15GHz

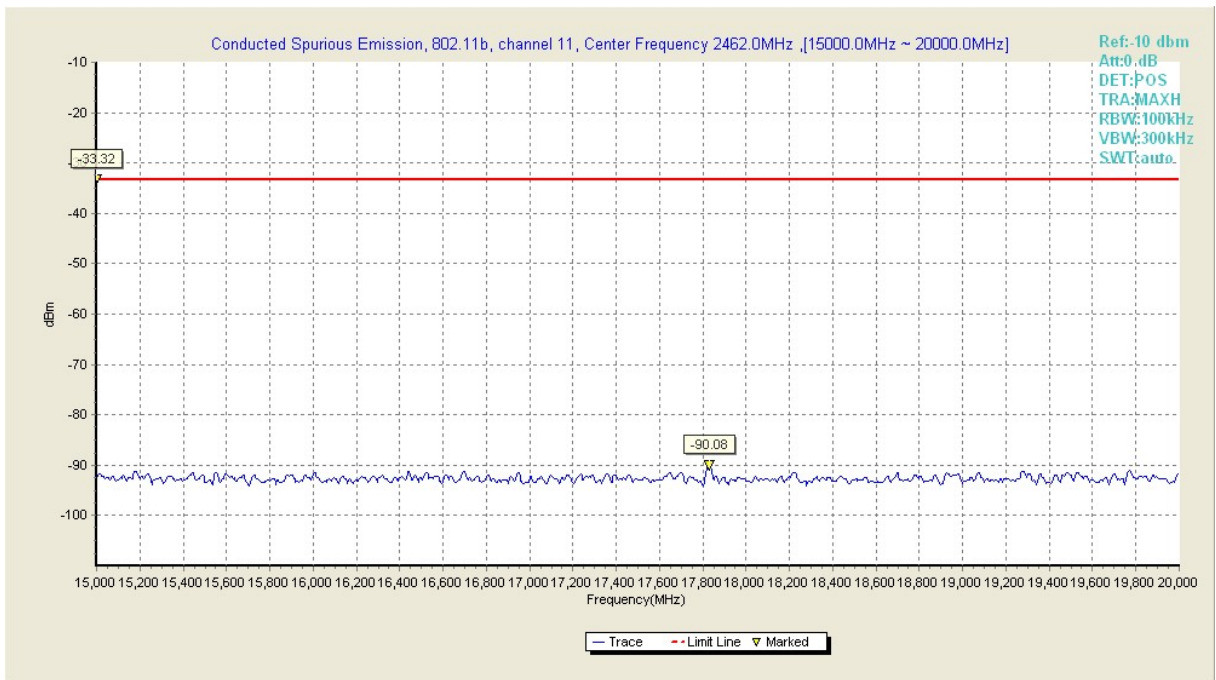


Fig52. Conducted Transmission Spurious Emission of 802.11b in channel 11, 15GHz~20GHz

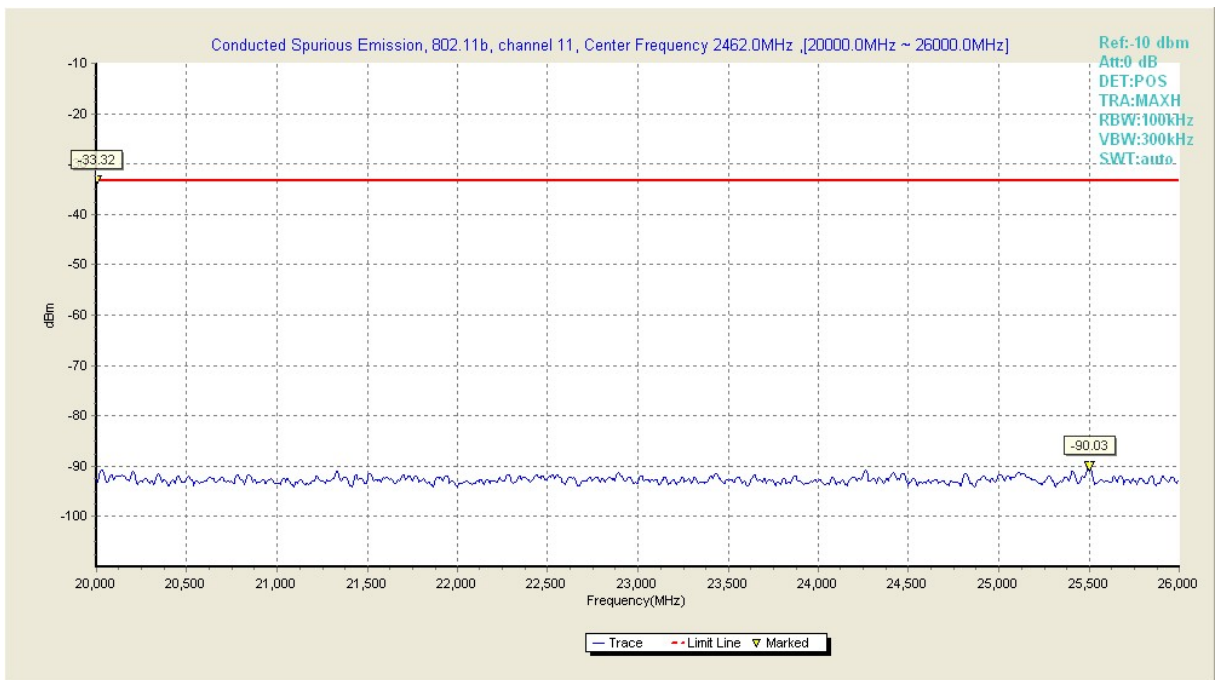


Fig53. Conducted Transmission Spurious Emission of 802.11b in channel 11, 20GHz~26GHz

802.11g mode

Channel	Frequency Range	Test Results	Verdict
1	30MHz ~ 1GHz	Fig.54	Pass
	1GHz ~ 2.5GHz	Fig.55	Pass
	2.5GHz ~ 7.5GHz	Fig.56	Pass
	7.5GHz ~ 10GHz	Fig.57	Pass
	10GHz ~ 15GHz	Fig.58	Pass
	15GHz ~ 20GHz	Fig.59	Pass
	20GHz ~ 26GHz	Fig.60	Pass
6	30MHz ~ 1GHz	Fig.61	Pass
	1GHz ~ 2.5GHz	Fig.62	Pass
	2.5GHz ~ 7.5GHz	Fig.63	Pass
	7.5GHz ~ 10GHz	Fig.64	Pass
	10GHz ~ 15GHz	Fig.65	Pass
	15GHz ~ 20GHz	Fig.66	Pass
	20GHz ~ 26GHz	Fig.67	Pass
11	30MHz ~ 1GHz	Fig.68	Pass
	1GHz ~ 2.5GHz	Fig.69	Pass
	2.5GHz ~ 7.5GHz	Fig.70	Pass
	7.5GHz ~ 10GHz	Fig.71	Pass
	10GHz ~ 15GHz	Fig.72	Pass
	15GHz ~ 20GHz	Fig.73	Pass
	20GHz ~ 26GHz	Fig.74	Pass

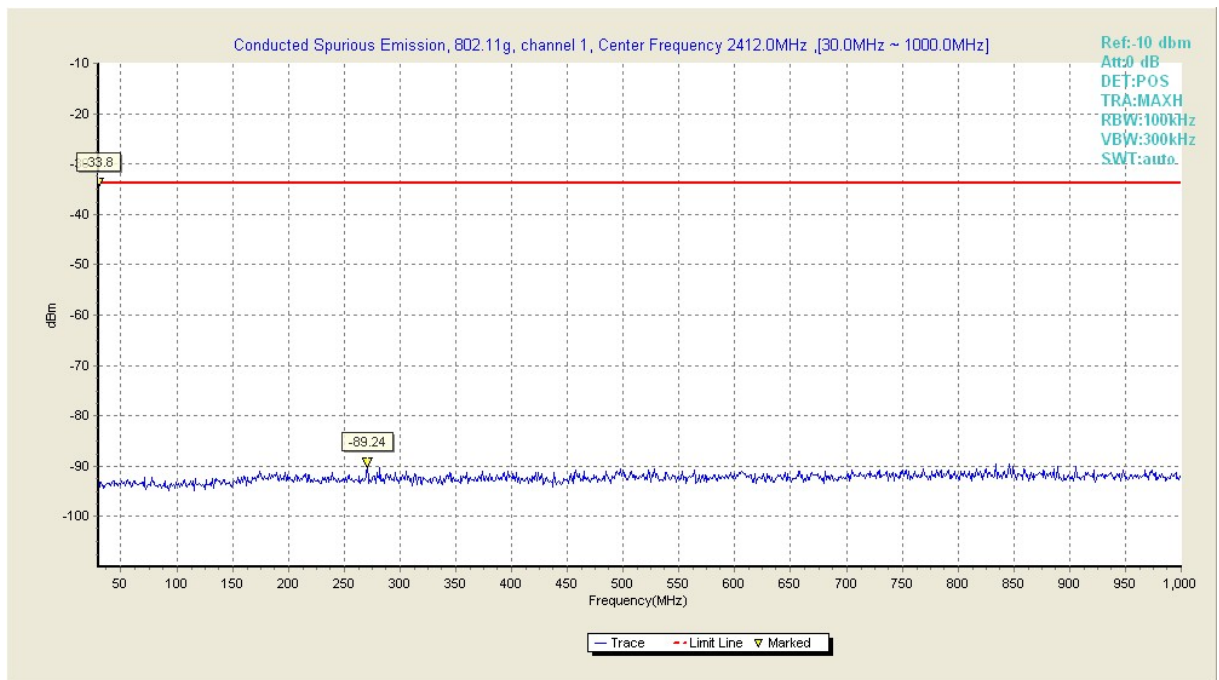


Fig54. Conducted Transmission Spurious Emission of 802.11g in channel 1, 30MHz~1GHz

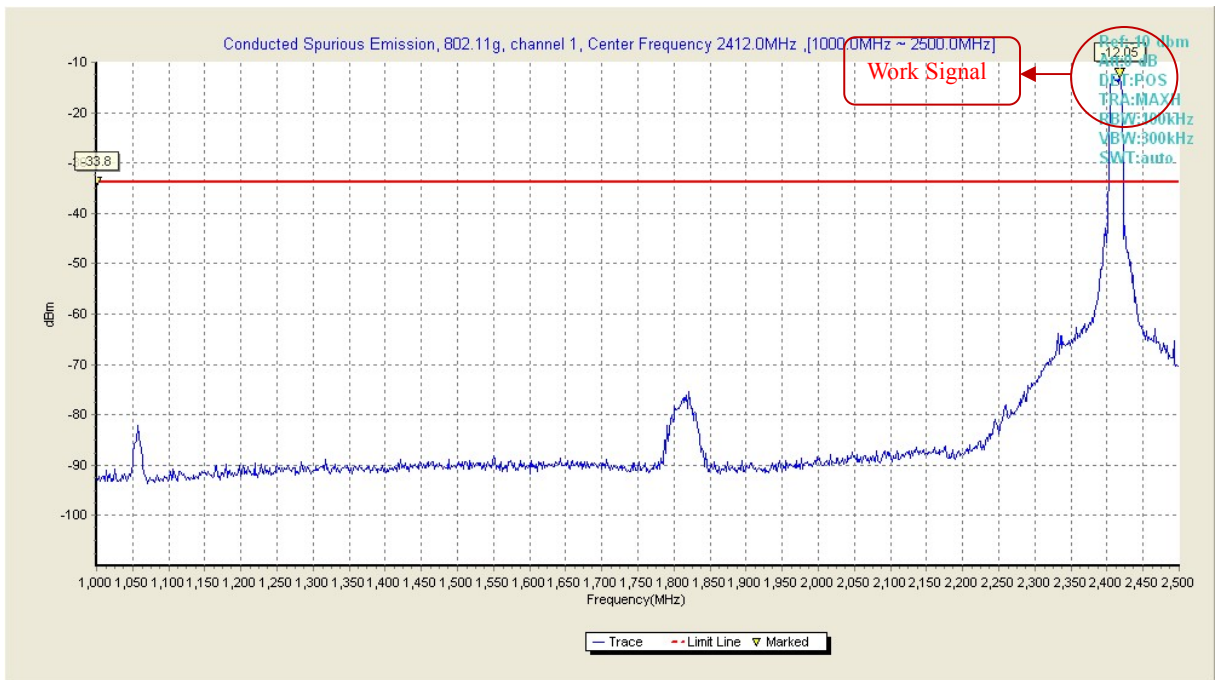


Fig55. Conducted Transmission Spurious Emission of 802.11g in channel 1, 1GHz ~ 2.5GHz

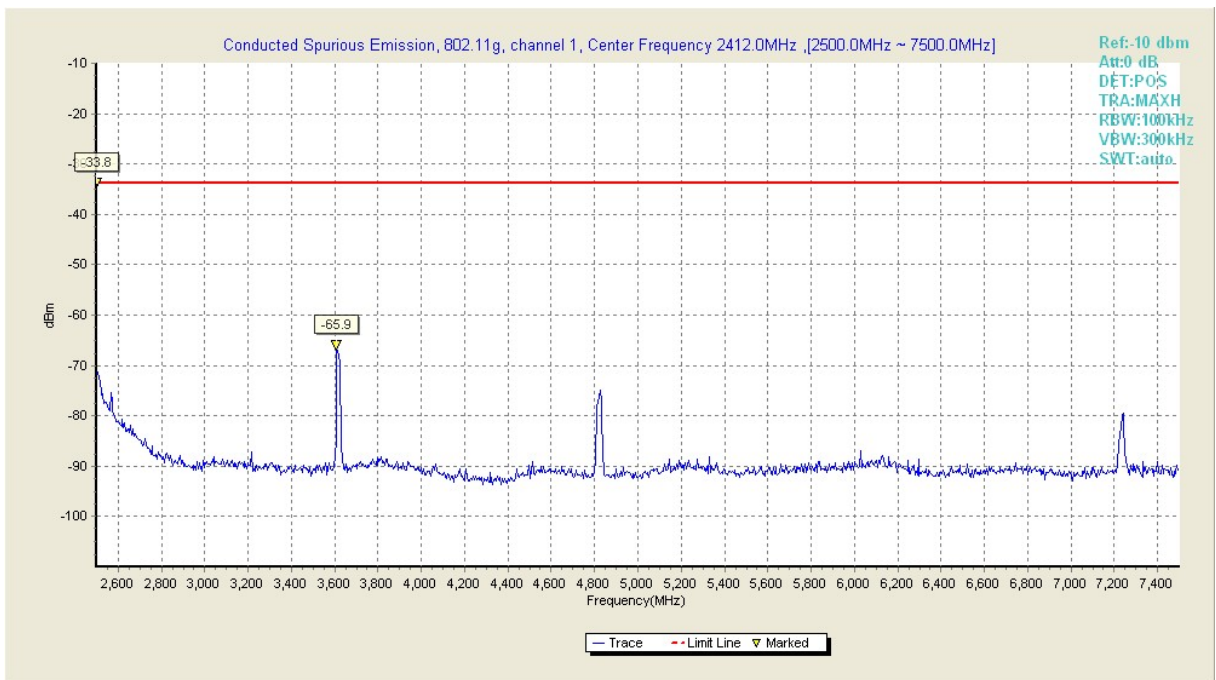


Fig56. Conducted Transmission Spurious Emission of 802.11g in channel 1, 2.5GHz ~ 7.5GHz

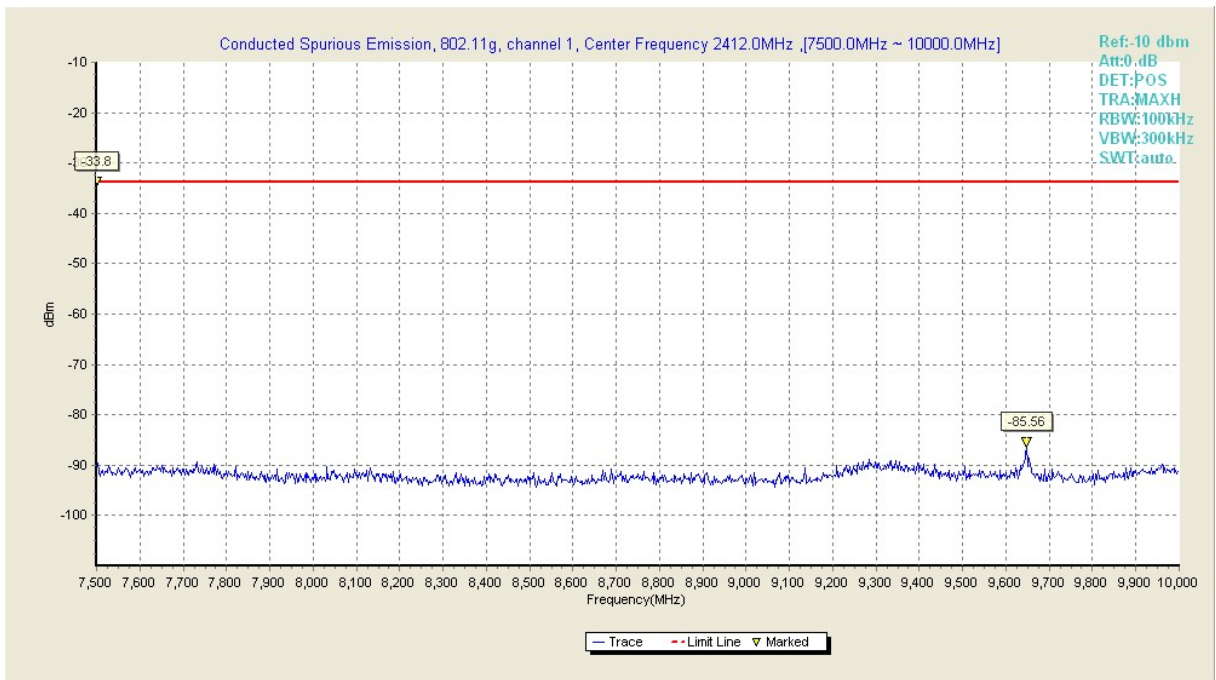


Fig57. Conducted Transmission Spurious Emission of 802.11g in channel 1, 7.5GHz ~ 10GHz

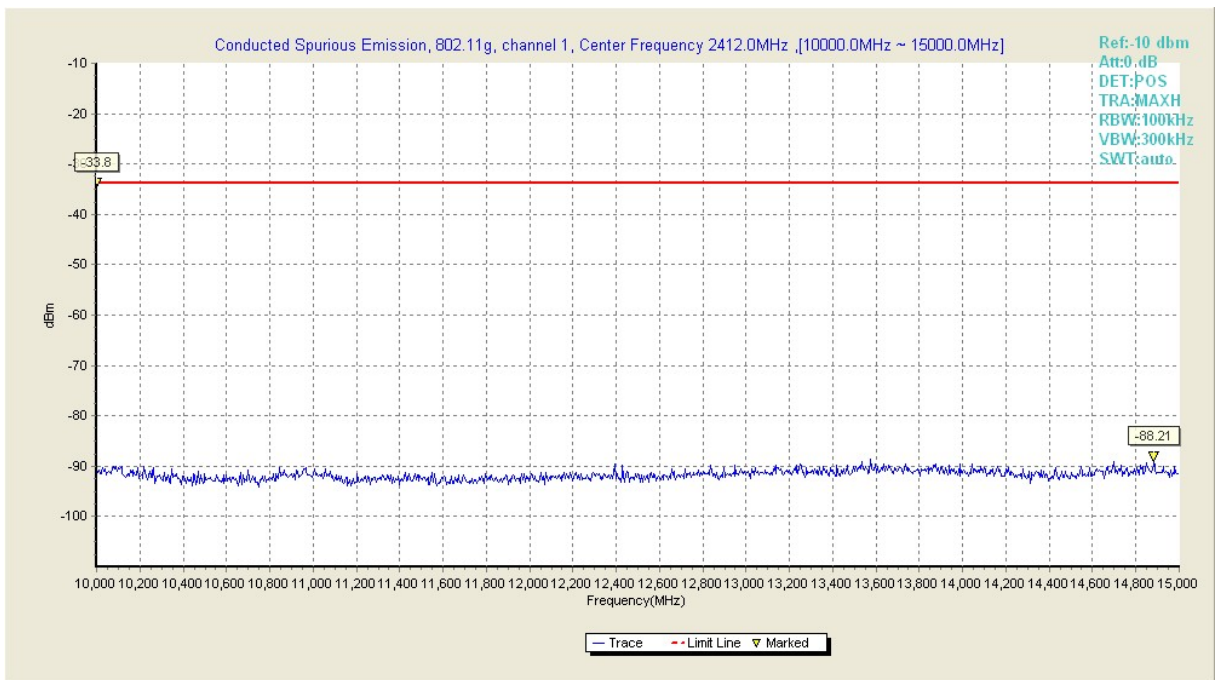


Fig58. Conducted Transmission Spurious Emission of 802.11g in channel 1, 10GHz ~ 15GHz

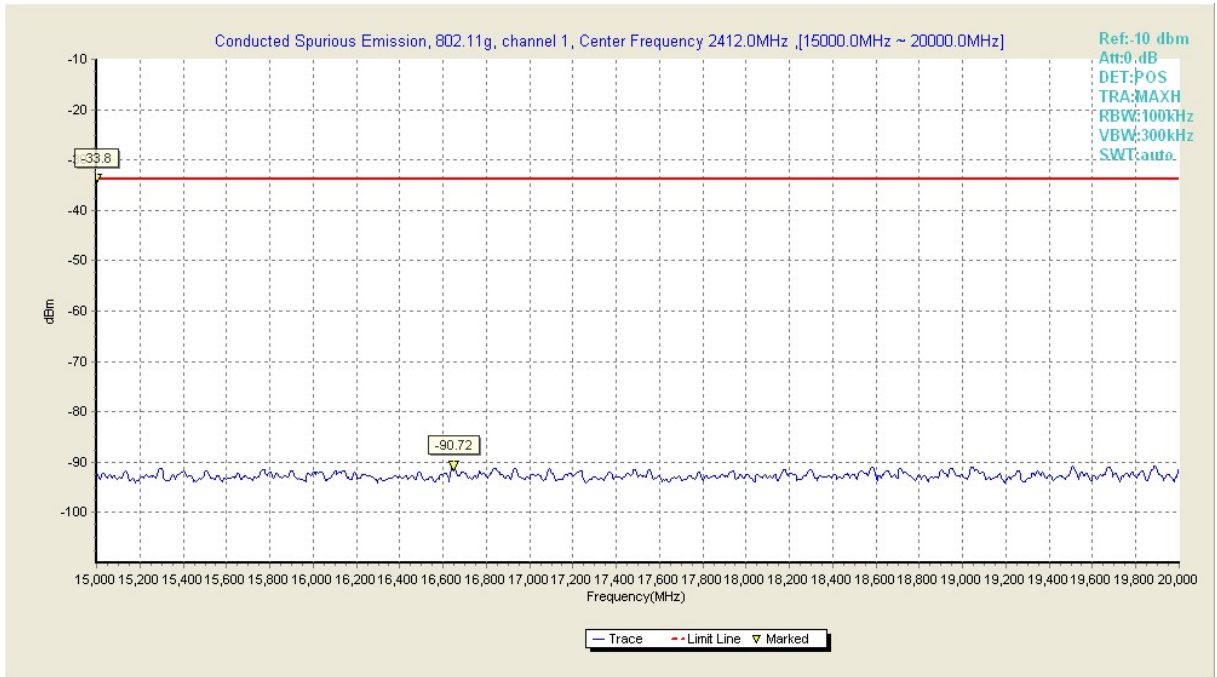


Fig59. Conducted Transmission Spurious Emission of 802.11g in channel 1, 15GHz ~ 20GHz

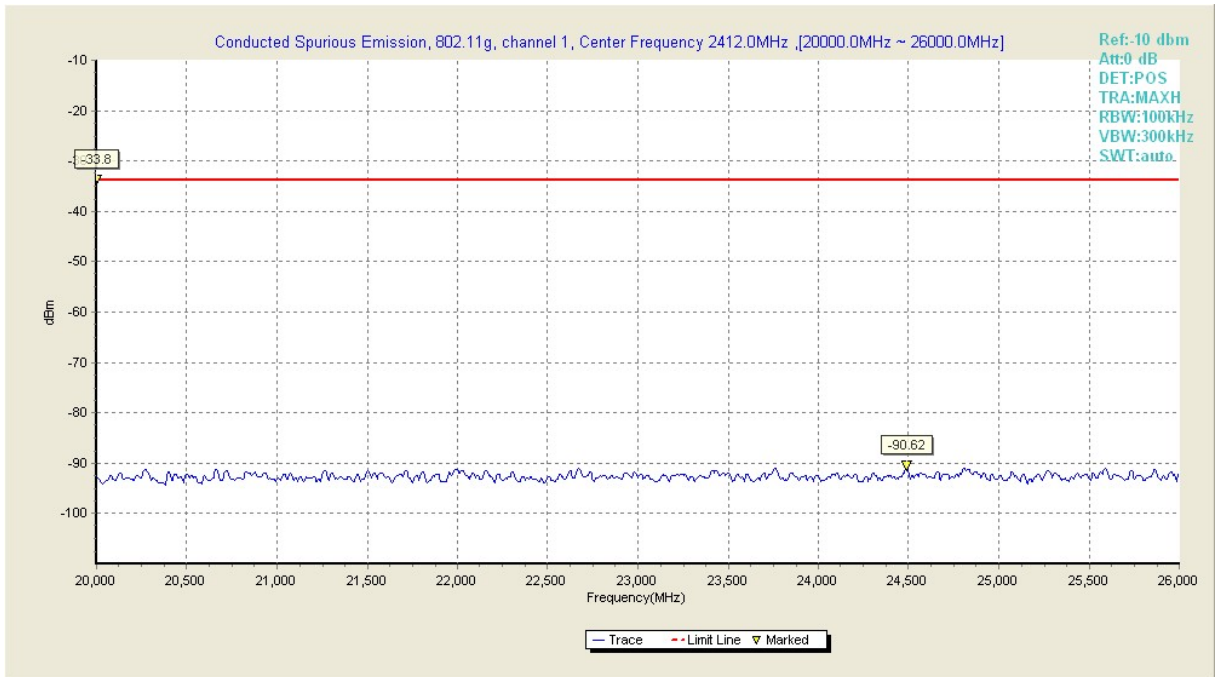


Fig60. Conducted Transmission Spurious Emission of 802.11g in channel 1, 20GHz ~ 26GHz

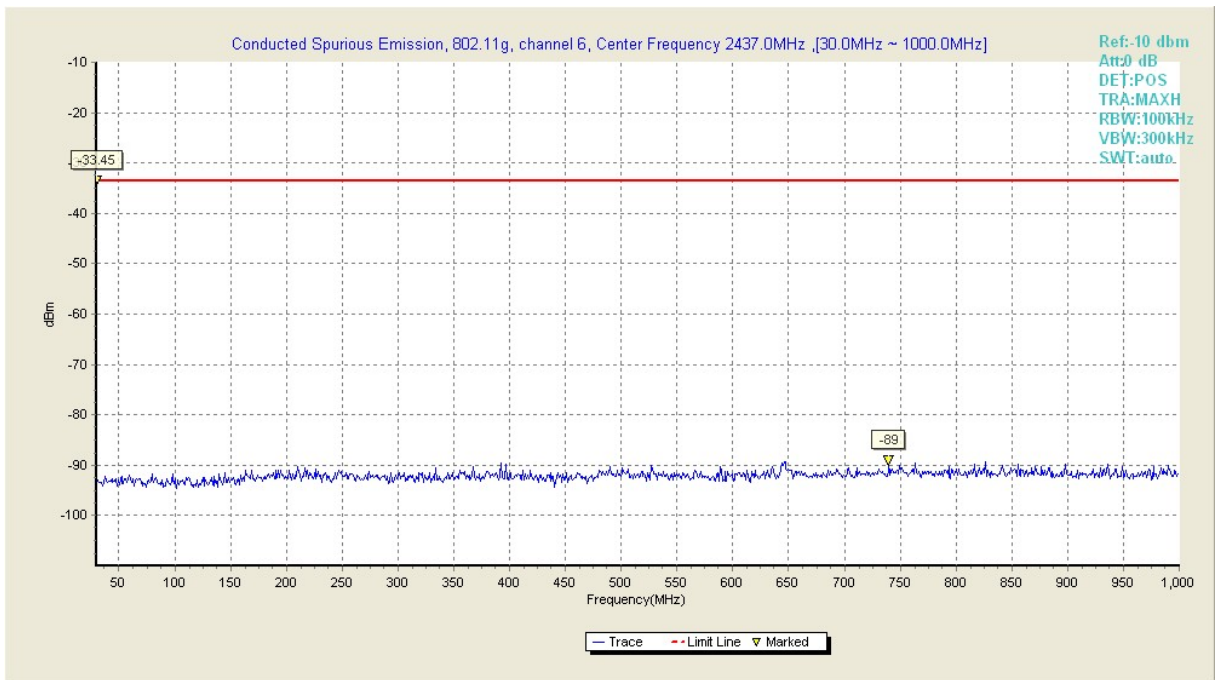


Fig61. Conducted Transmission Spurious Emission of 802.11g in channel 6, 30MHz~1GHz

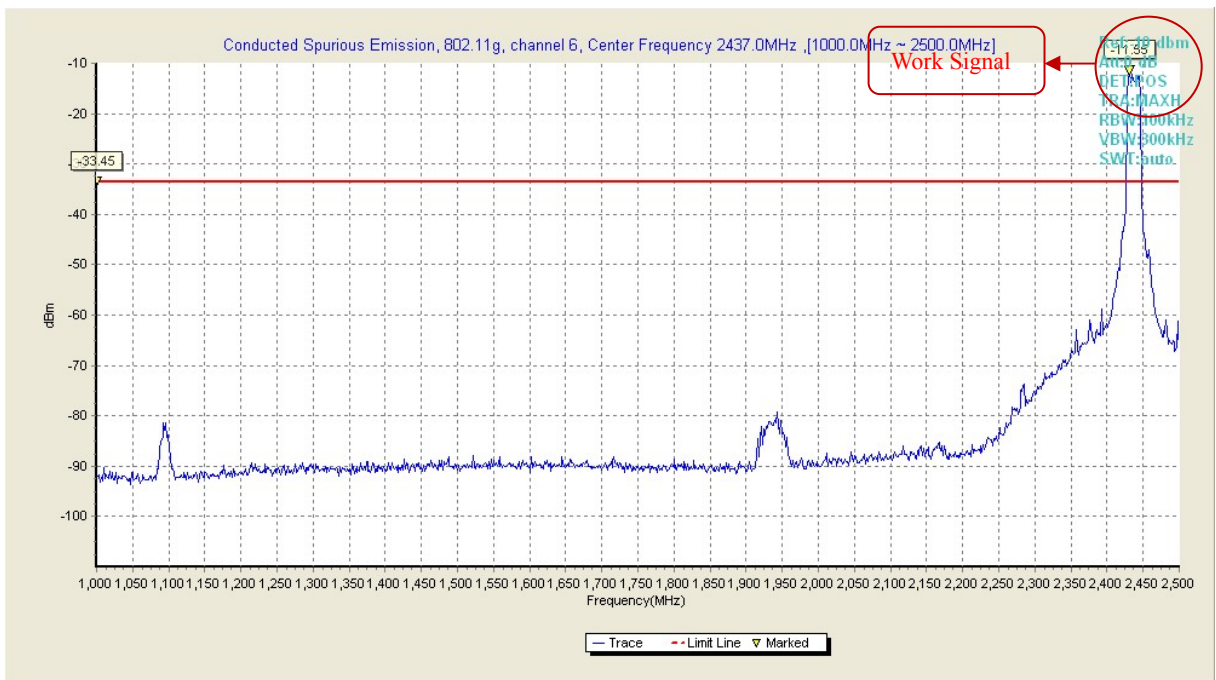


Fig62. Conducted Transmission Spurious Emission of 802.11g in channel 6, 1GHz ~ 2.5GHz