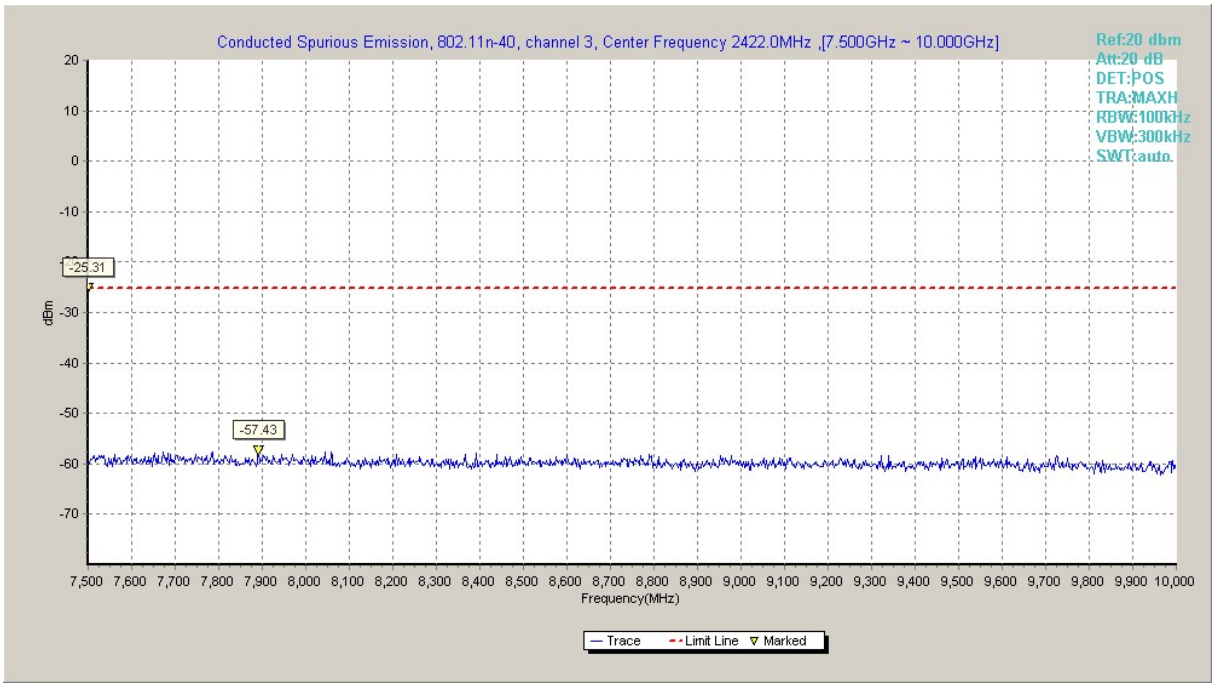

Fig.A.6.1.125 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 7.5 GHz-10 GHz)

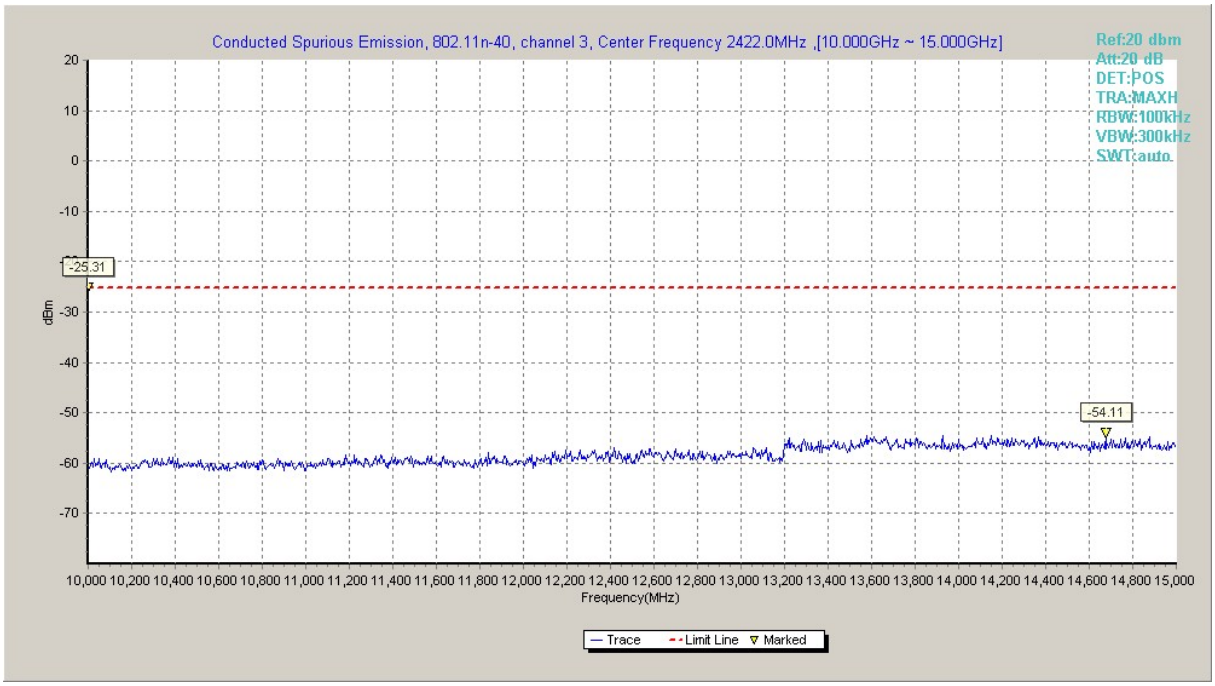

Fig.A.6.1.126 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 10 GHz-15 GHz)

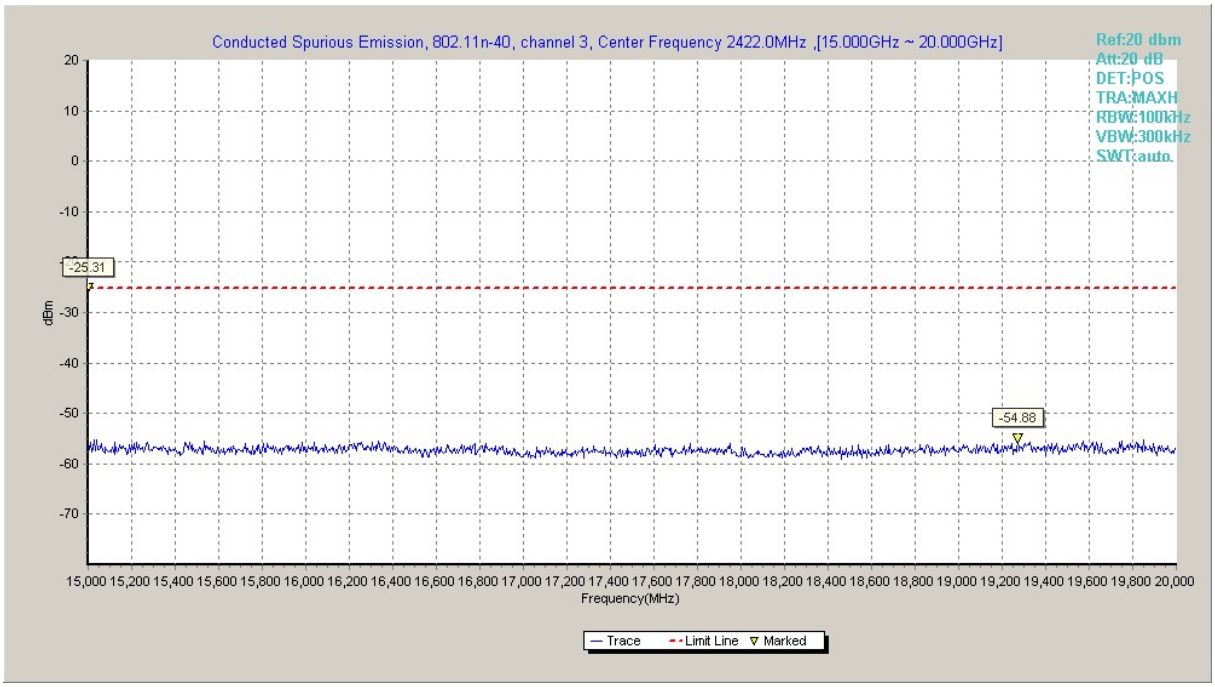

Fig.A.6.1.127 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 15 GHz-20 GHz)

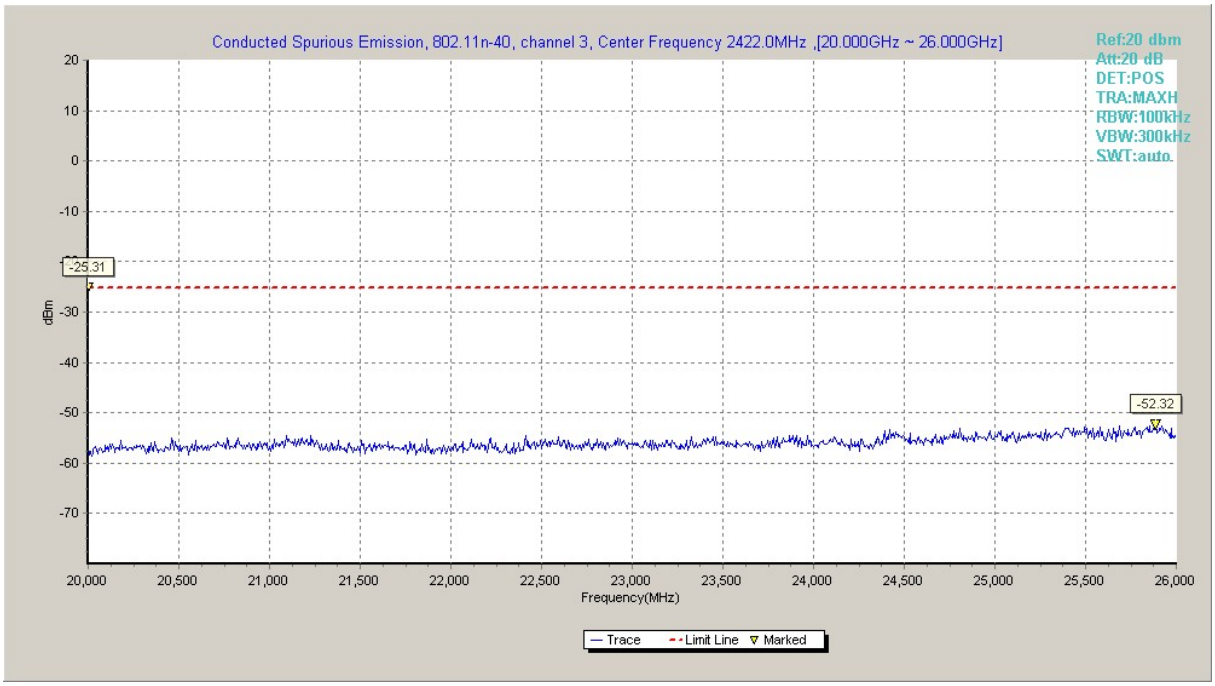

Fig.A.6.1.128 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch3, 20 GHz-26 GHz)

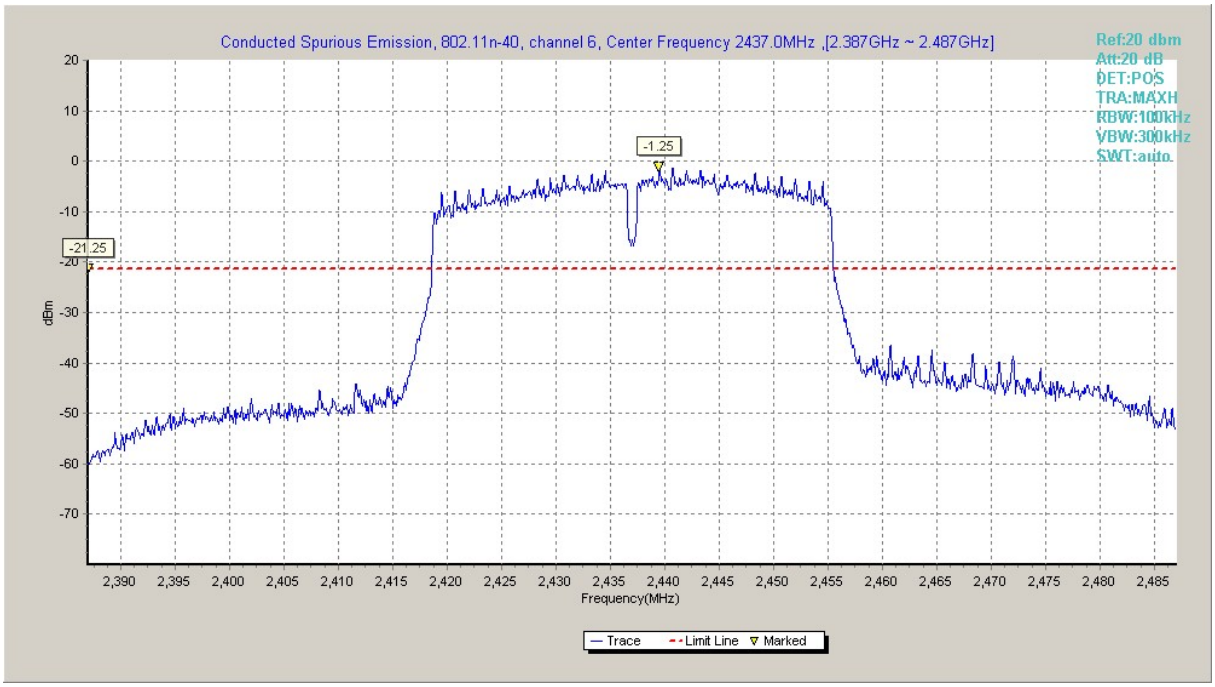

Fig.A.6.1.129 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, Center Frequency)

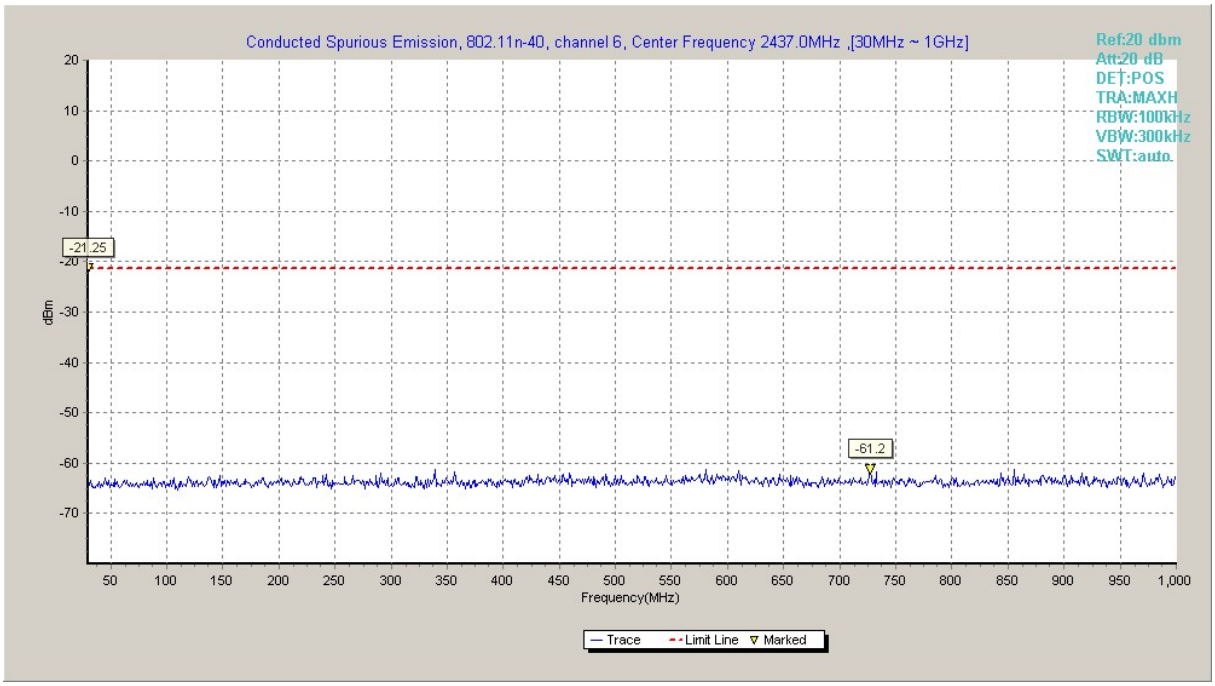

Fig.A.6.1.130 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 30 MHz-1 GHz)

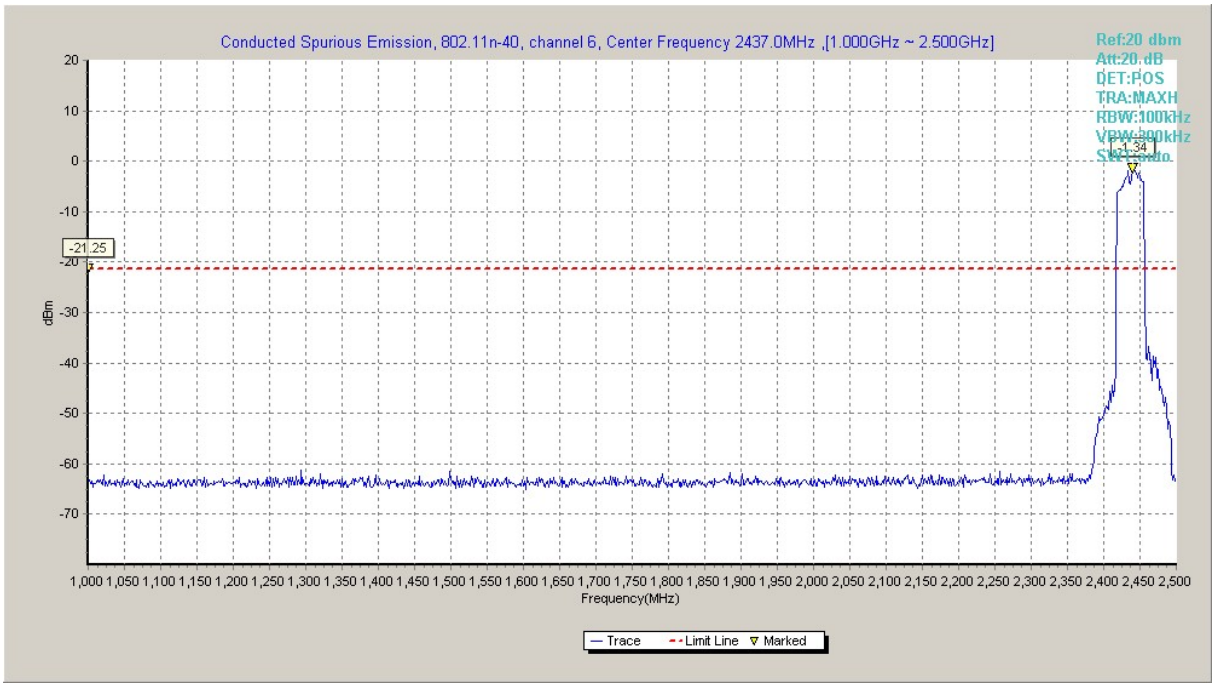

Fig.A.6.1.131 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 1 GHz-2.5 GHz)

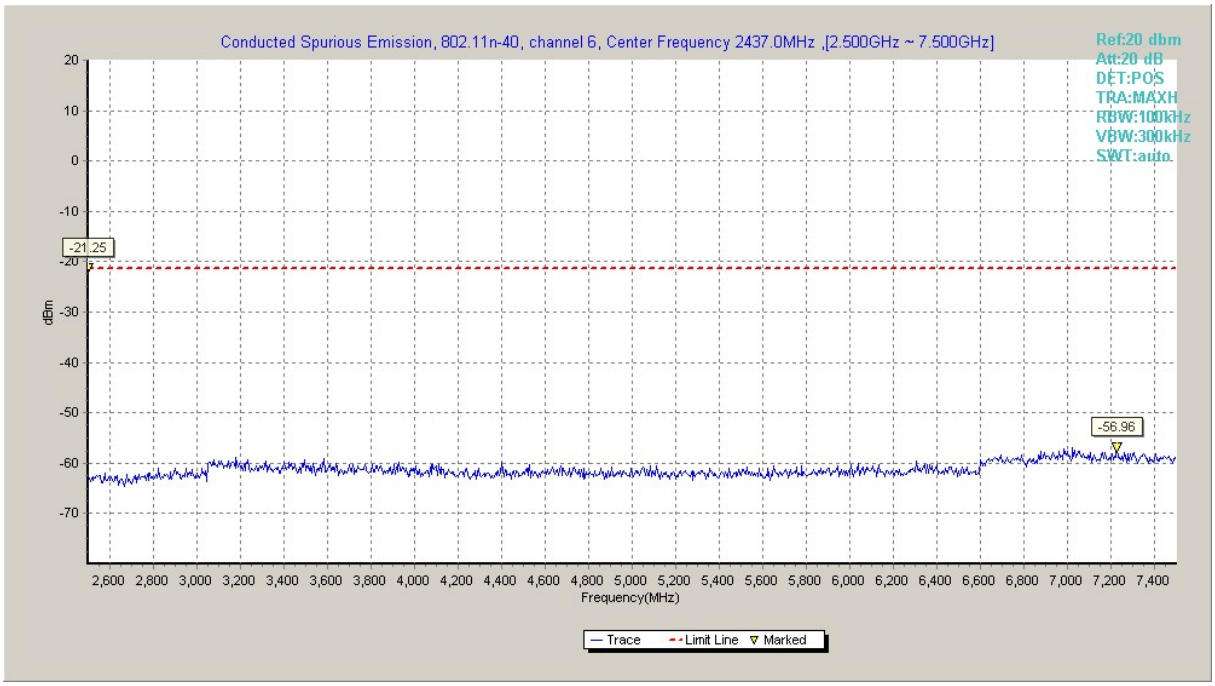

Fig.A.6.1.132 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 2.5 GHz-7.5 GHz)

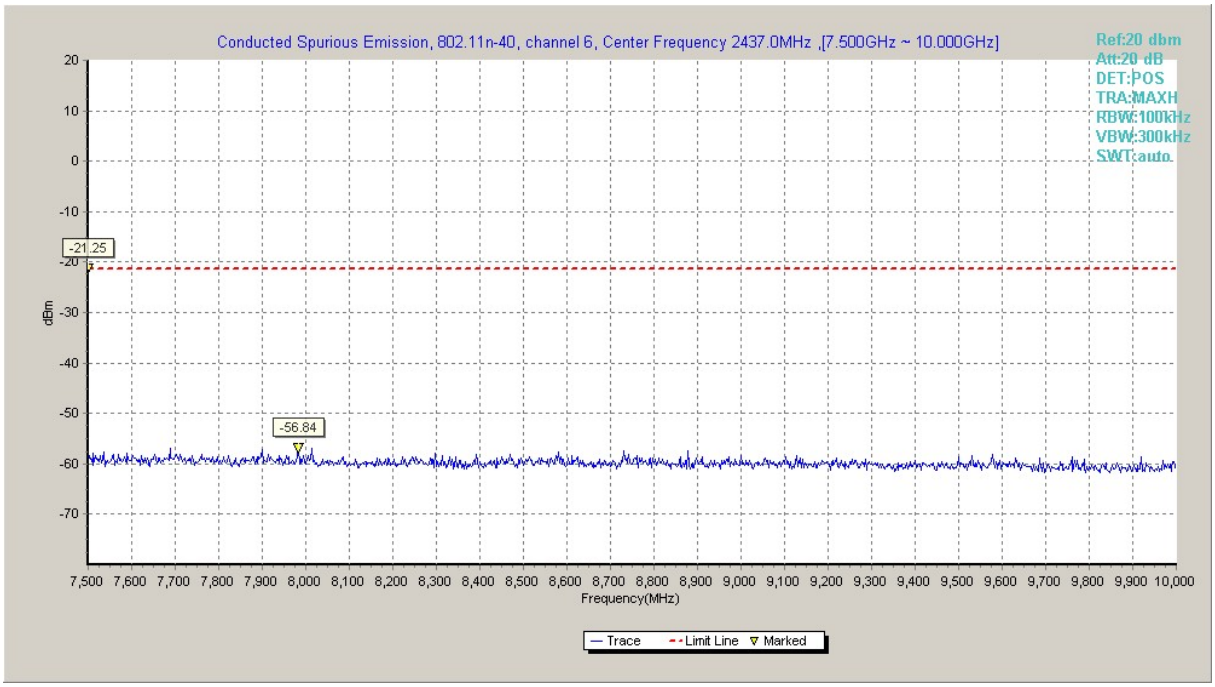

Fig.A.6.1.133 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 7.5 GHz-10 GHz)

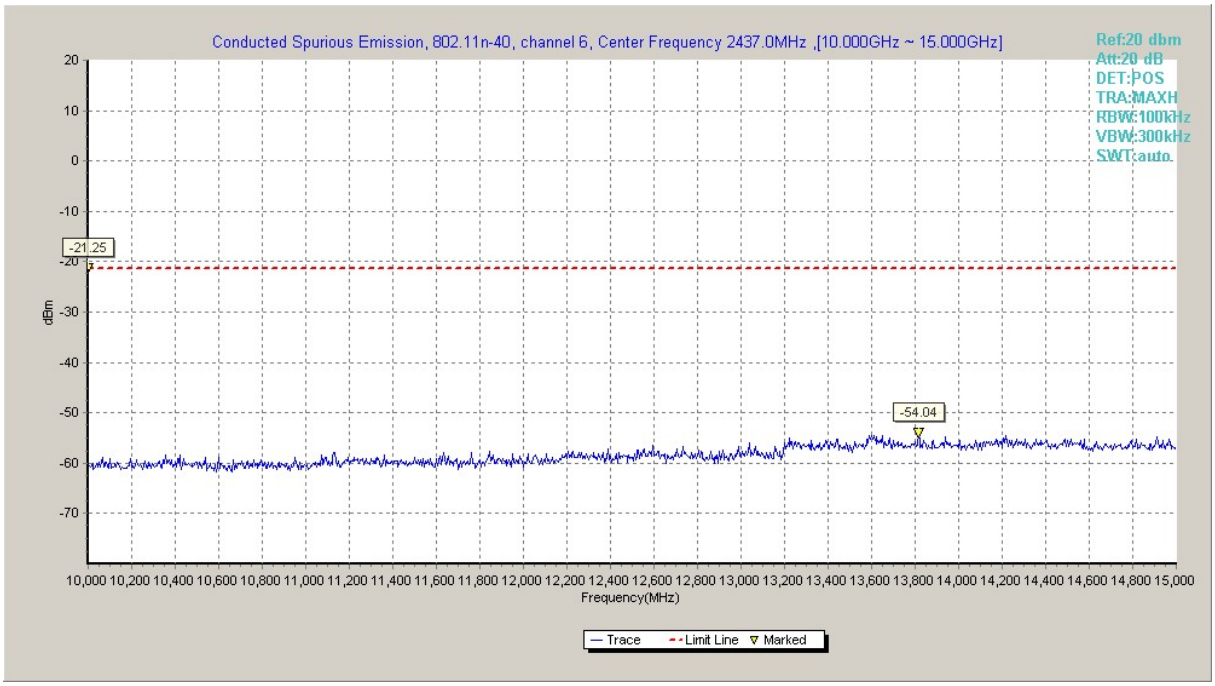

Fig.A.6.1.134 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 10 GHz-15 GHz)

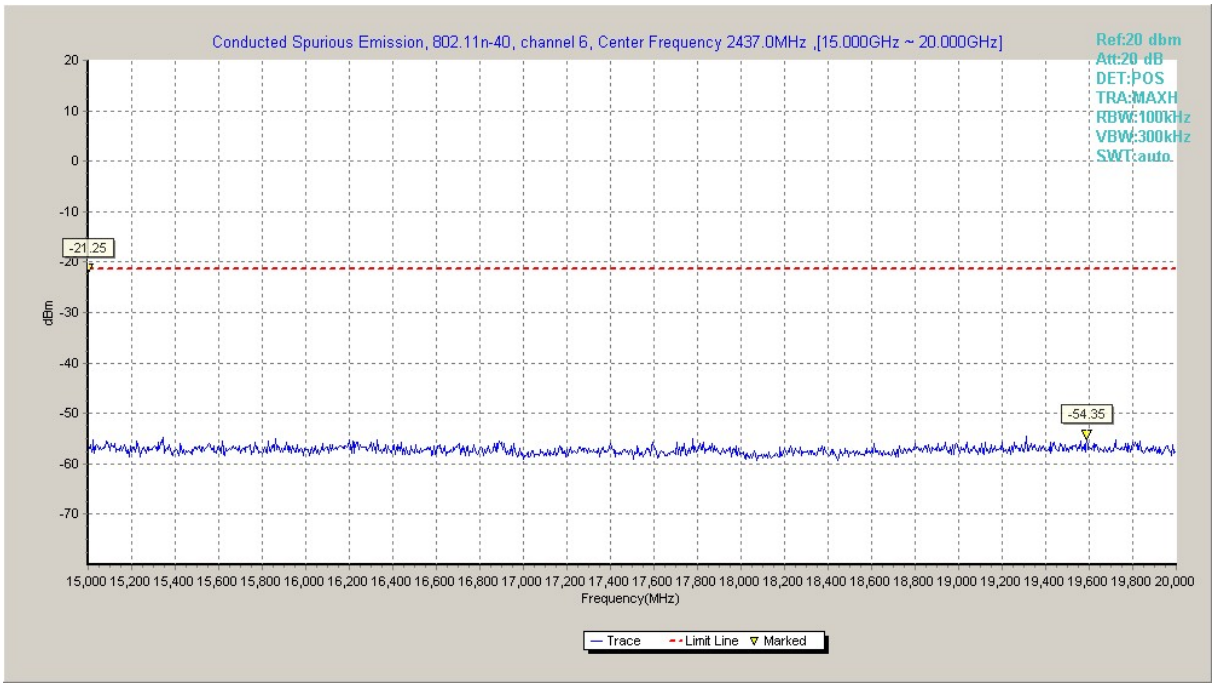

Fig.A.6.1.135 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 15 GHz-20 GHz)

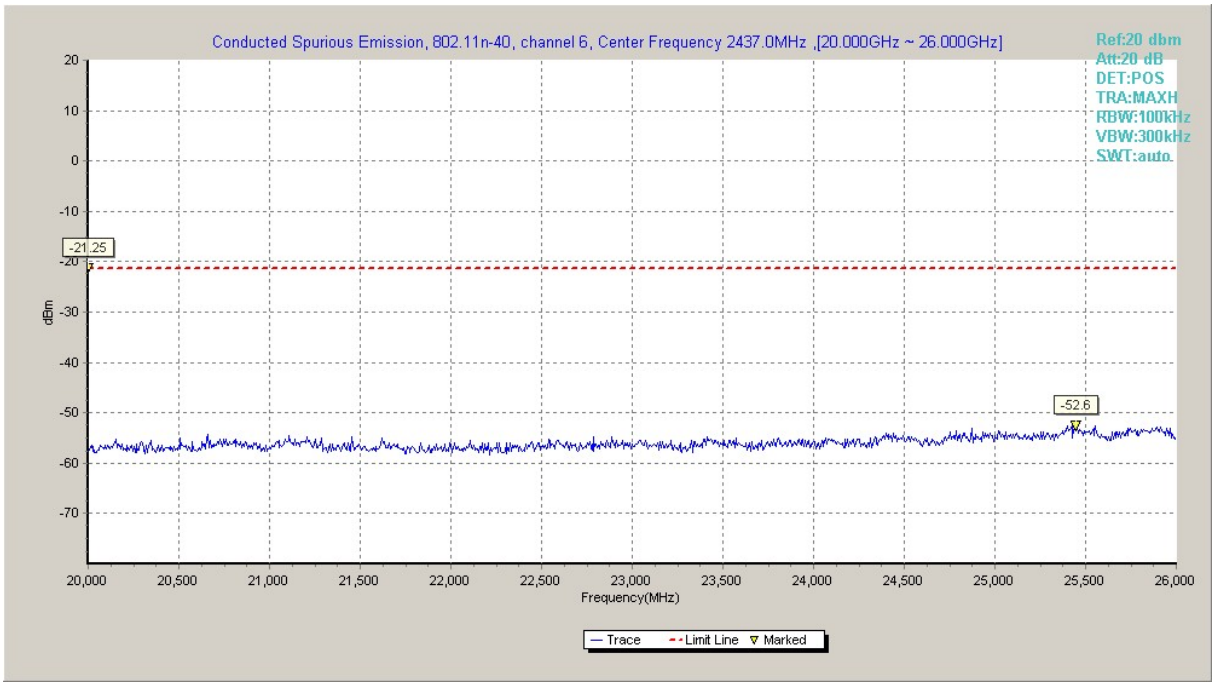

Fig.A.6.1.136 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 20 GHz-26 GHz)

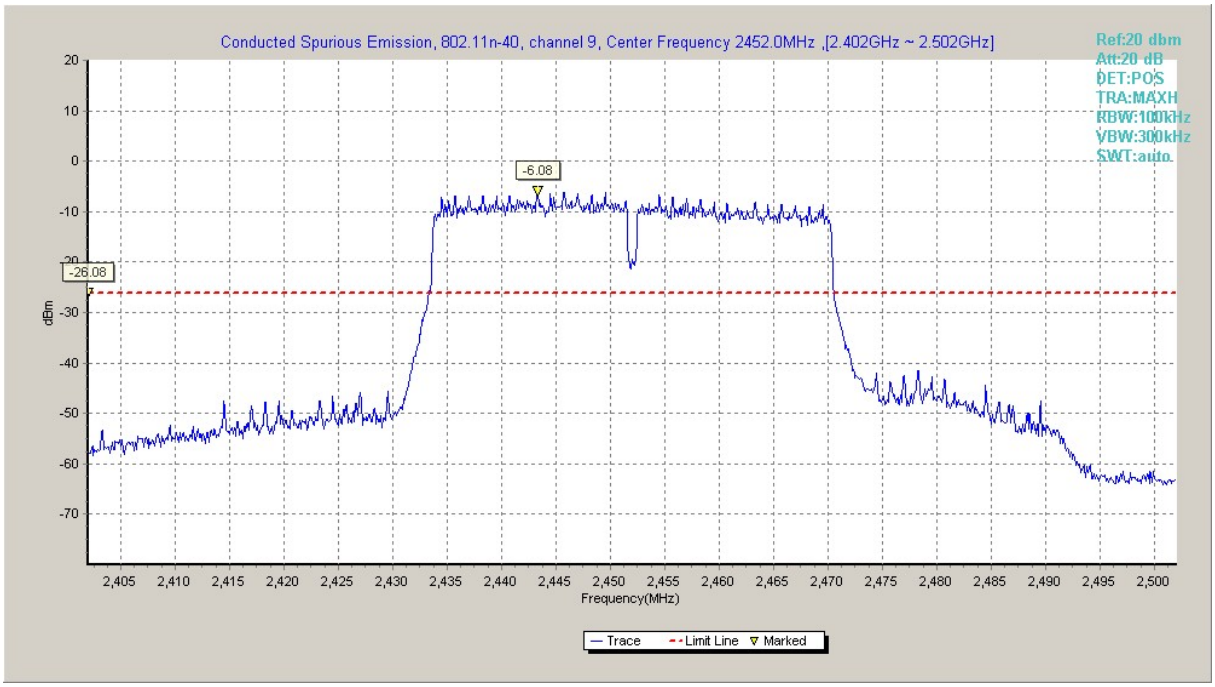

Fig.A.6.1.137 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, Center Frequency)

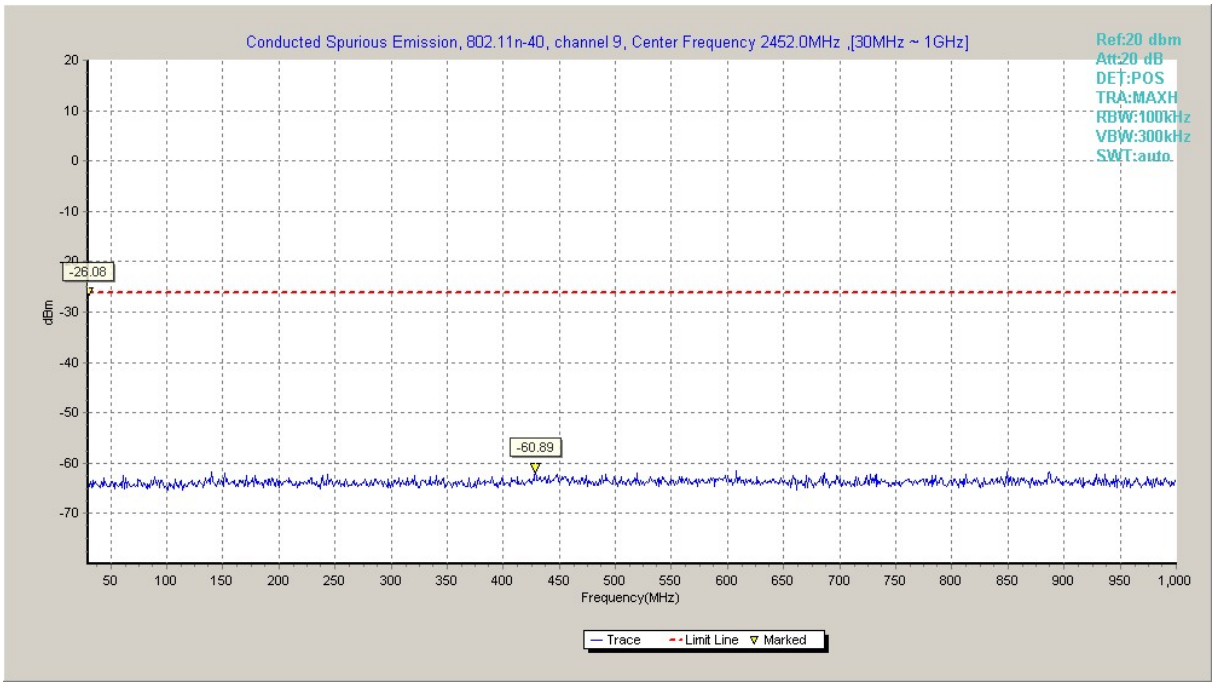

Fig.A.6.1.138 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 30 MHz-1 GHz)

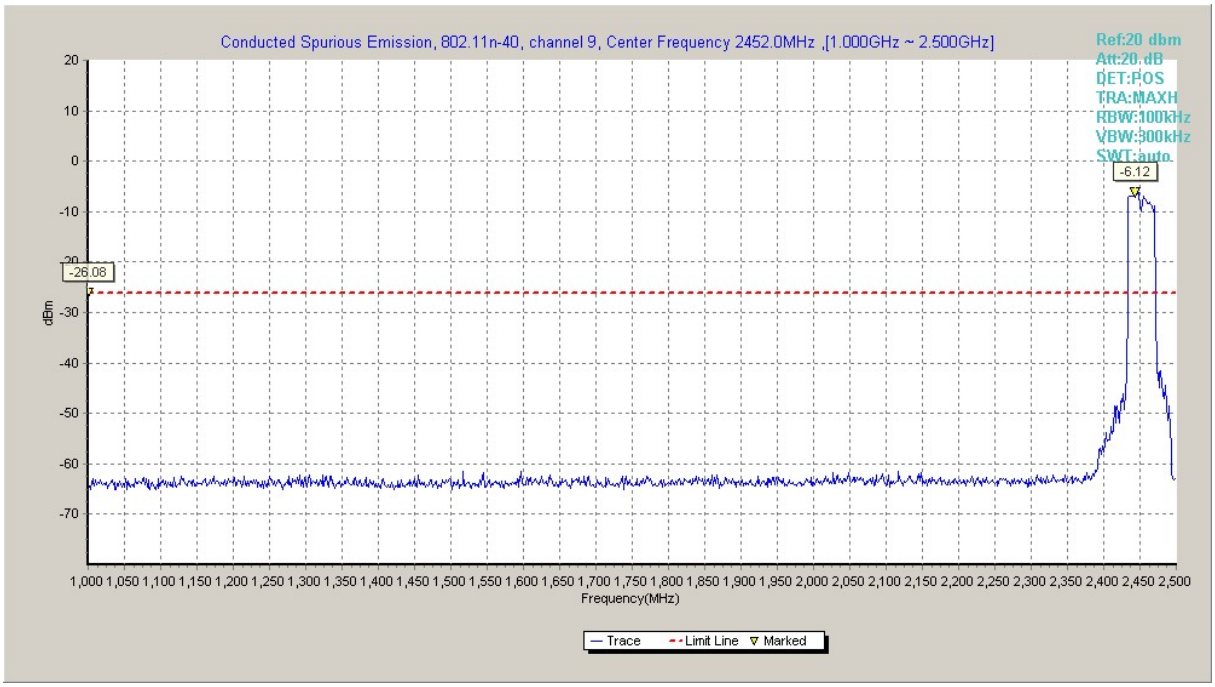

Fig.A.6.1.139 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

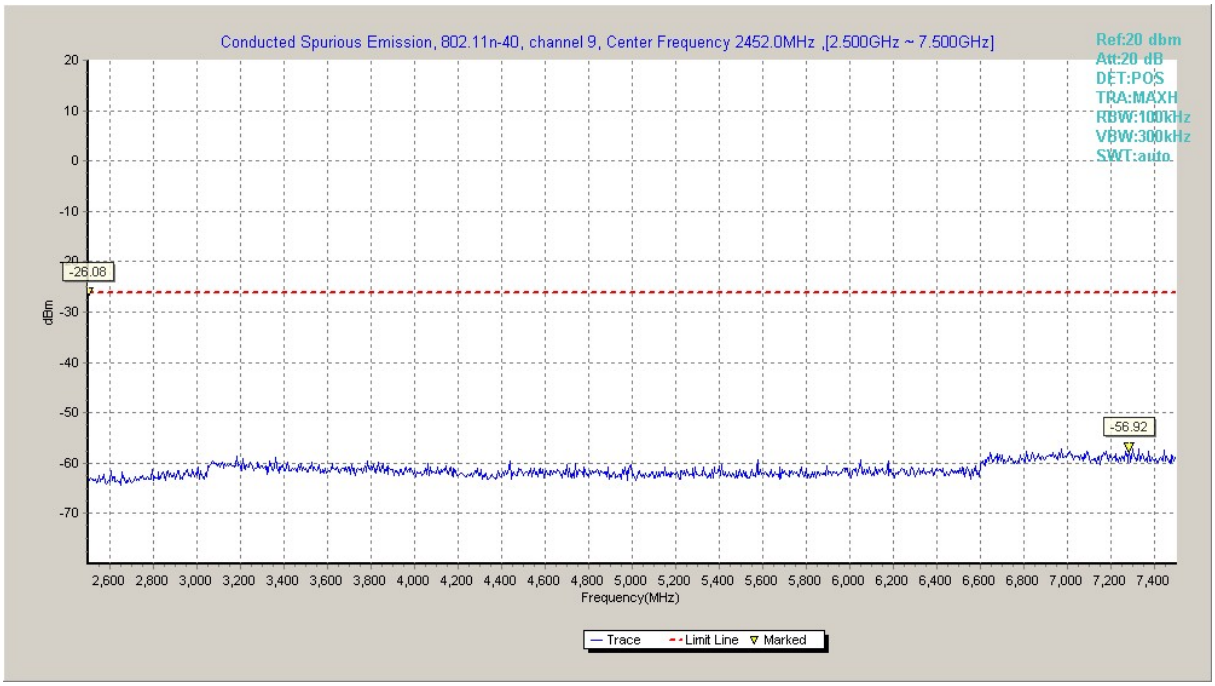

Fig.A.6.1.140 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

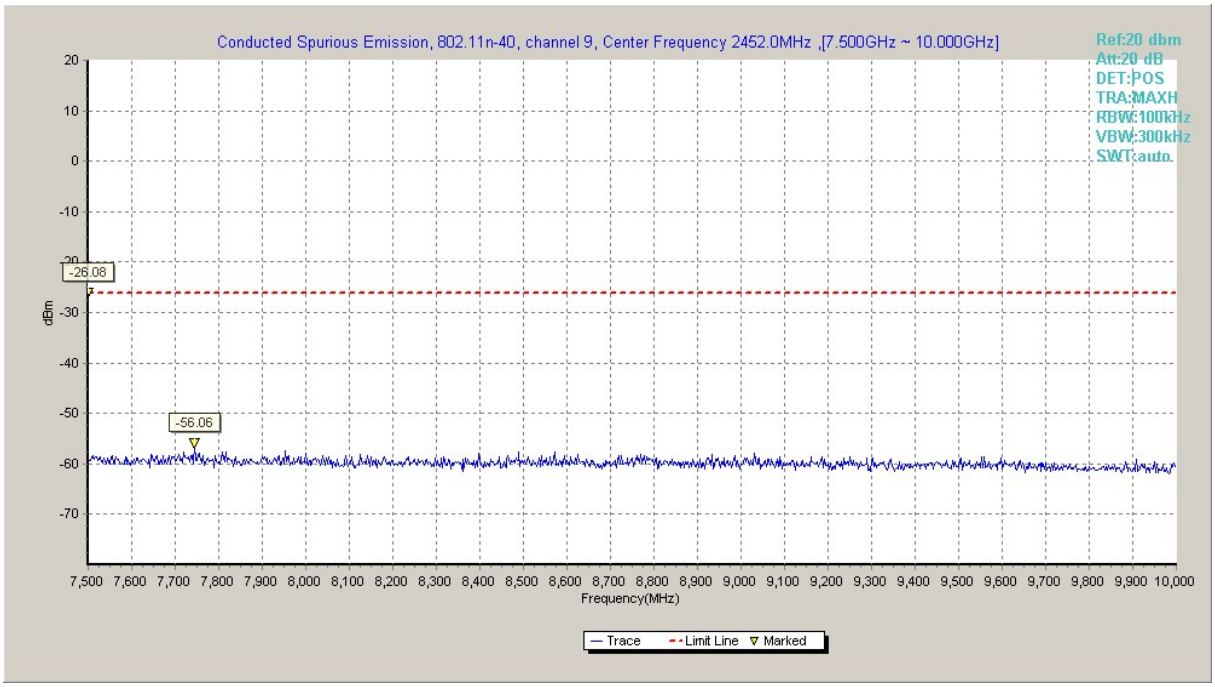

Fig.A.6.1.141 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

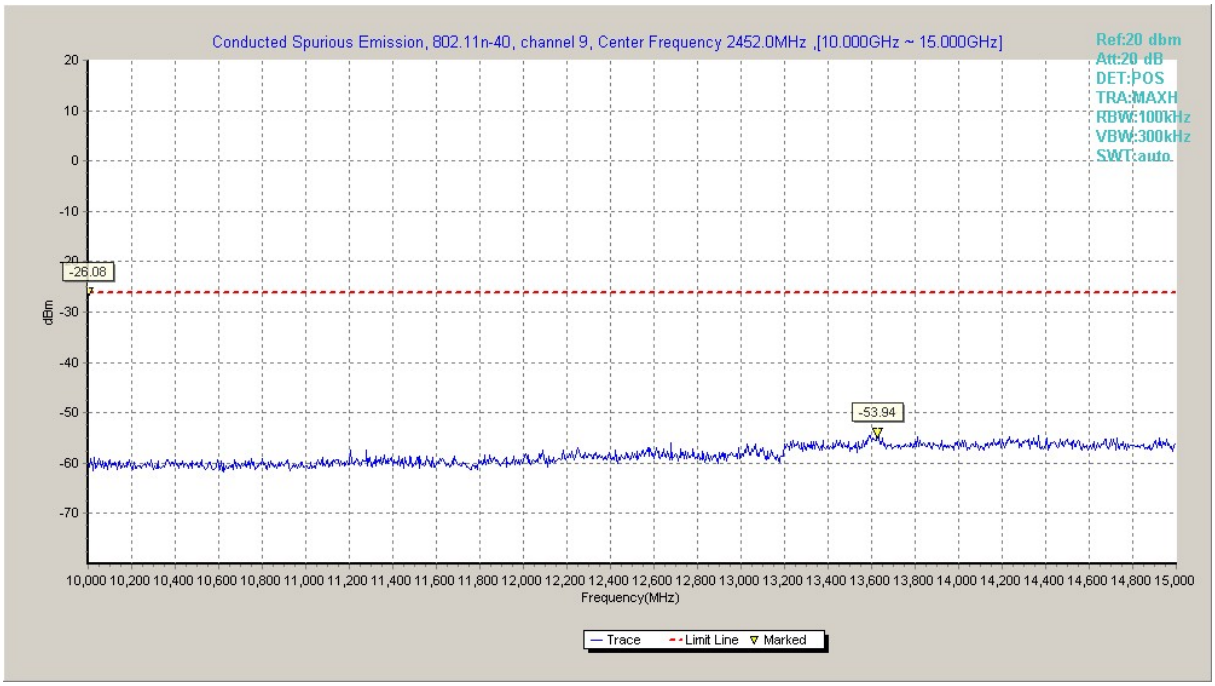

Fig.A.6.1.142 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 10 GHz-15 GHz)

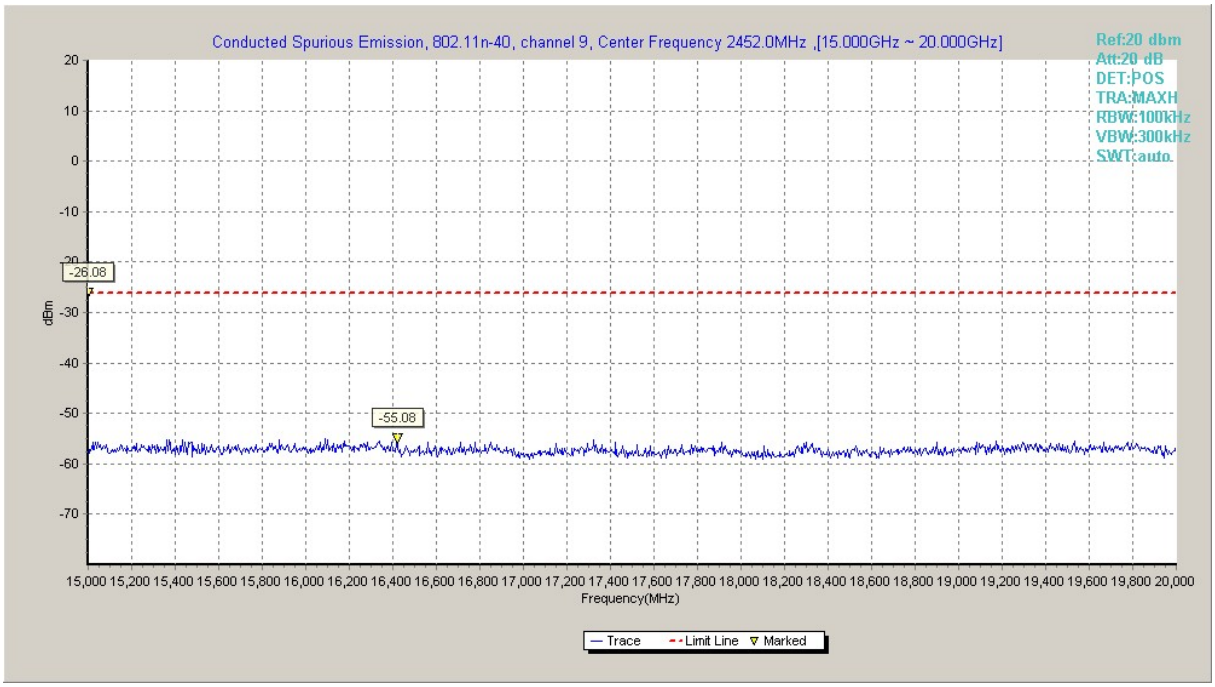

Fig.A.6.1.143 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 15 GHz-20 GHz)

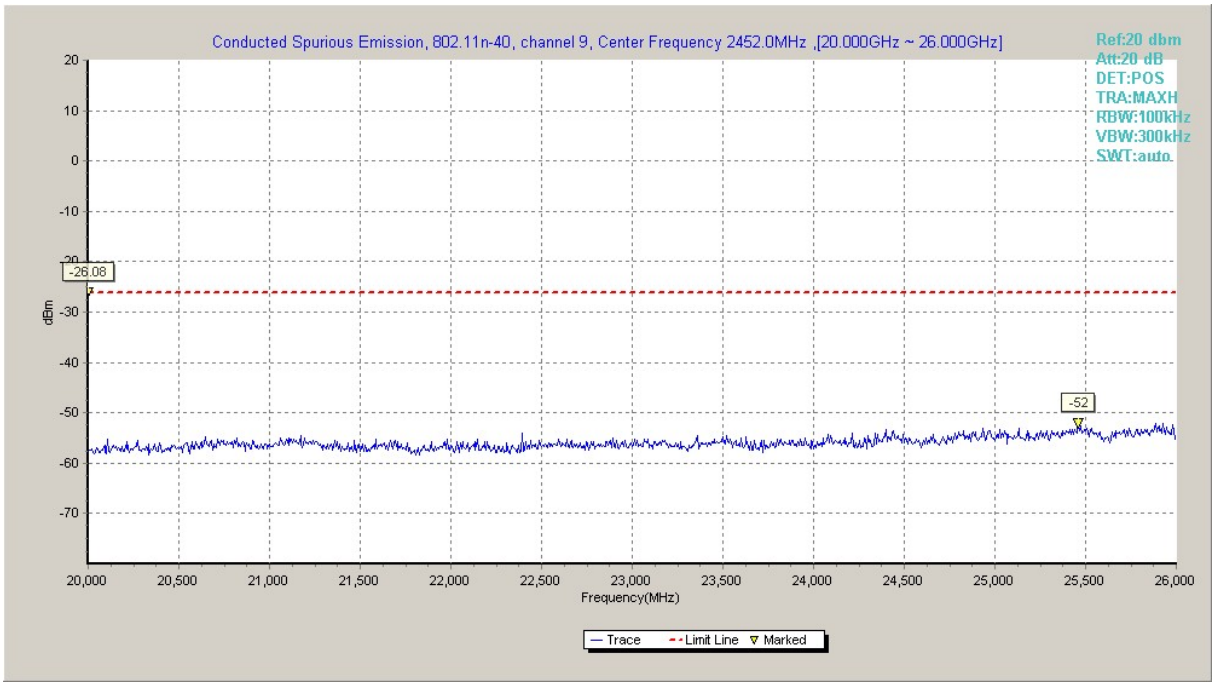

Fig.A.6.1.144 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 20 GHz-26 GHz)

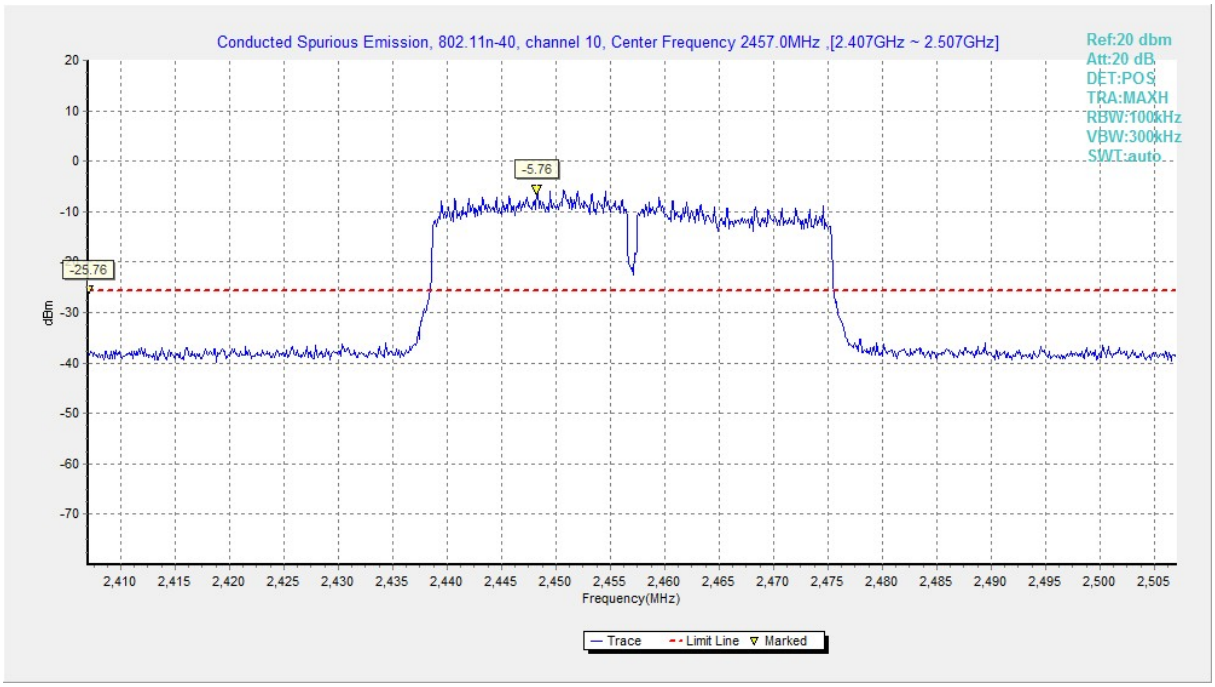

Fig.A.6.1.145 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, Center Frequency)

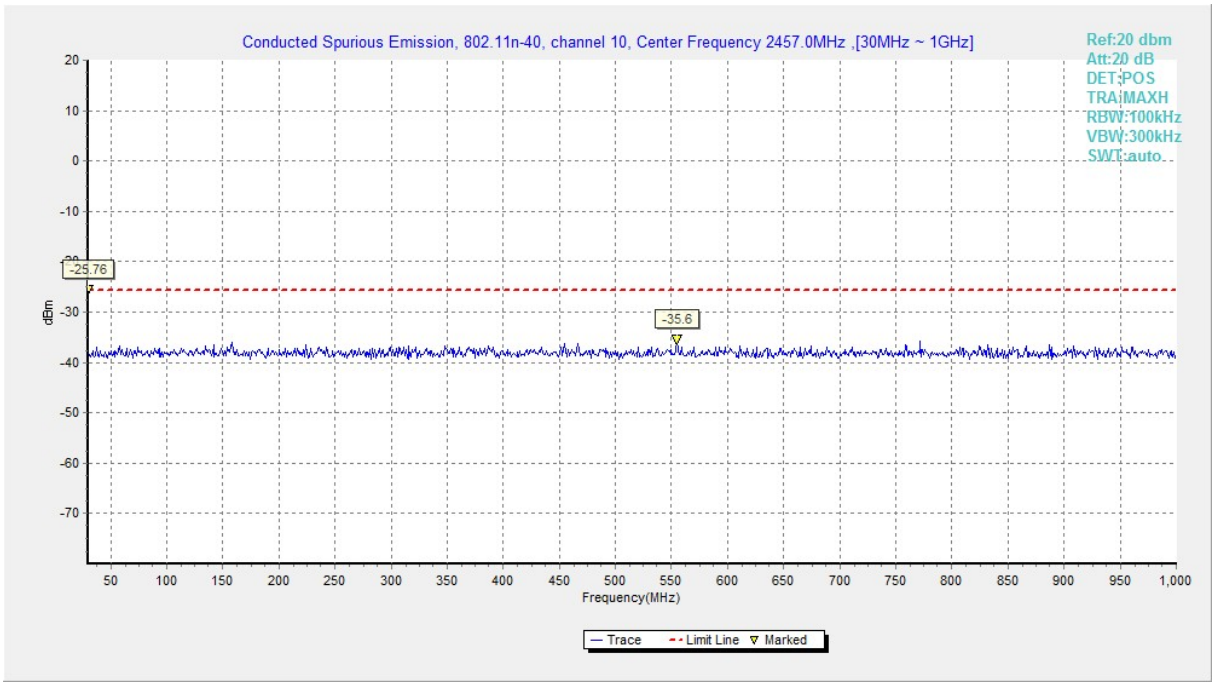

Fig.A.6.1.146 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 30 MHz-1 GHz)

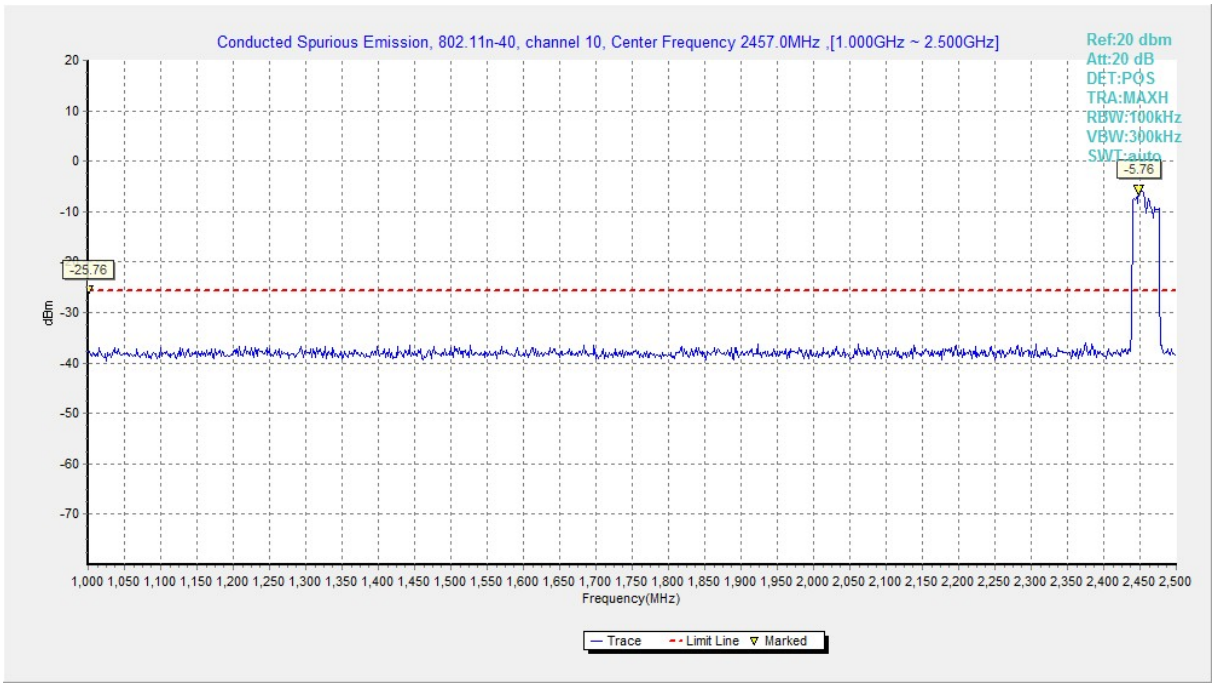

Fig.A.6.1.147 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 1 GHz-2.5 GHz)

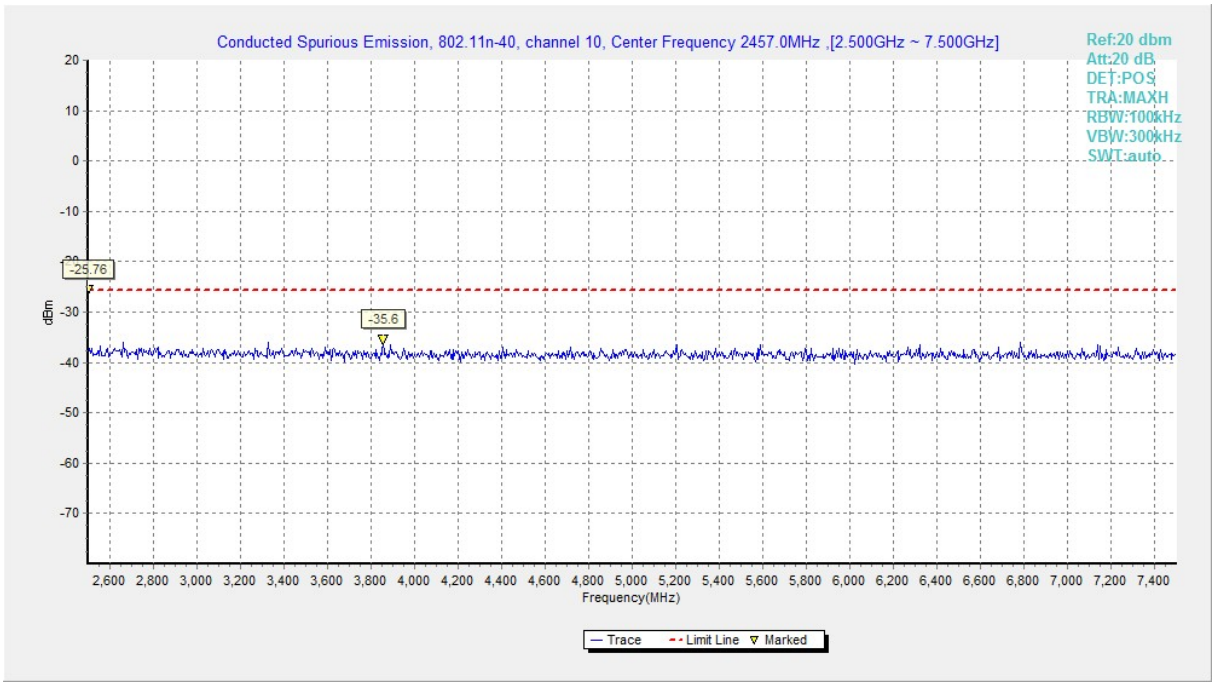

Fig.A.6.1.148 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 2.5 GHz-7.5 GHz)

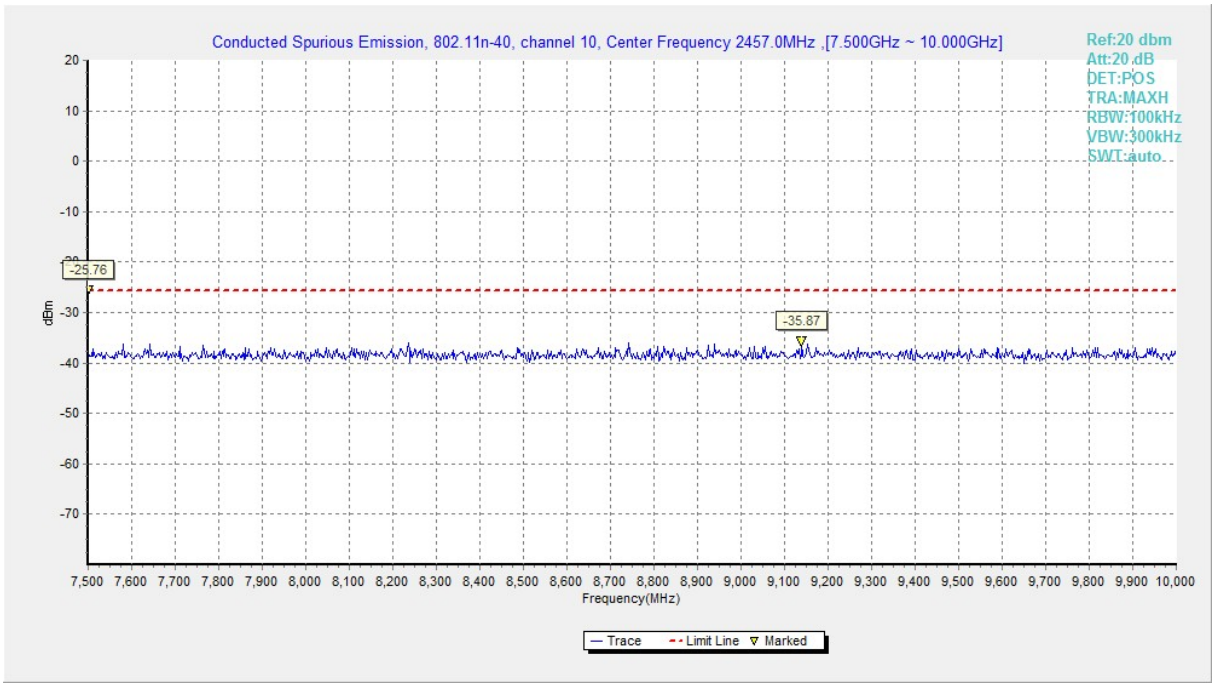

Fig.A.6.1.149 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 7.5 GHz-10 GHz)

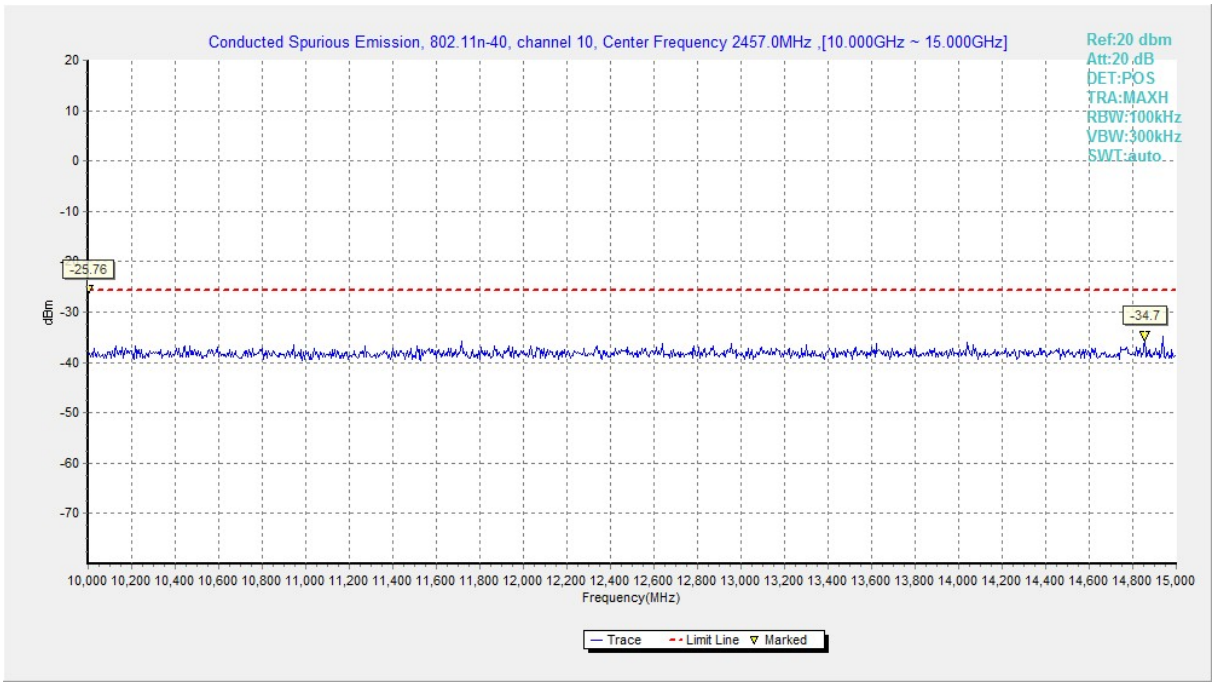

Fig.A.6.1.150 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 10 GHz-15 GHz)

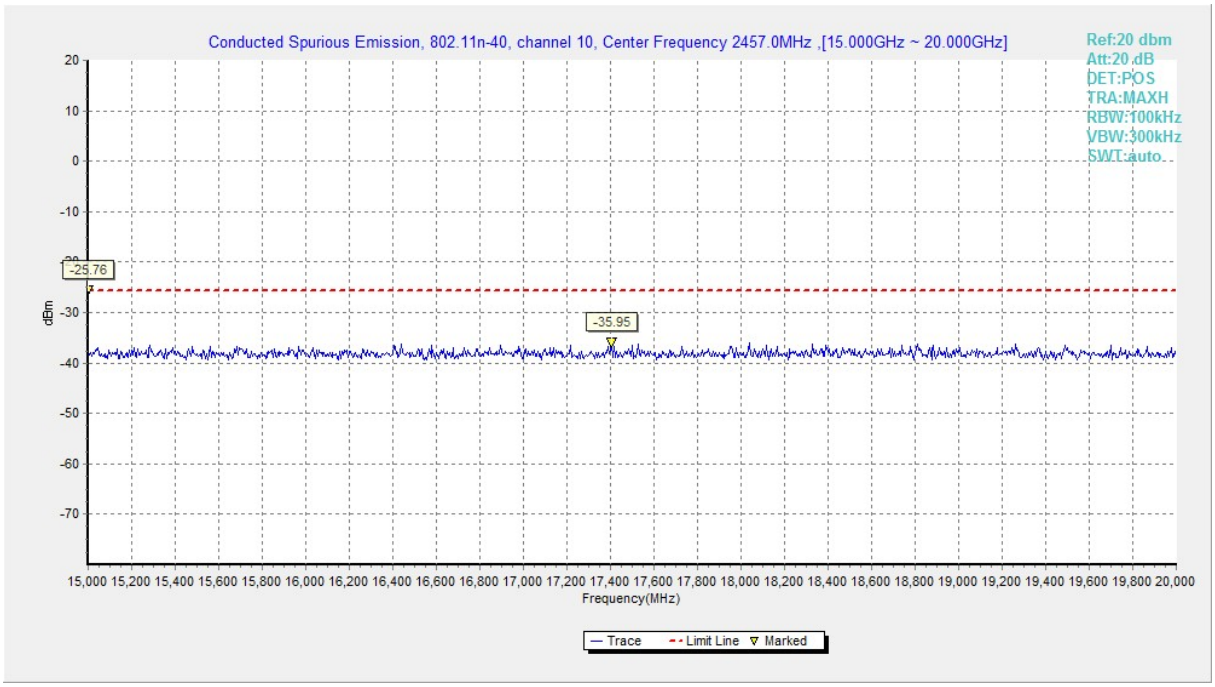

Fig.A.6.1.151 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 15 GHz-20 GHz)

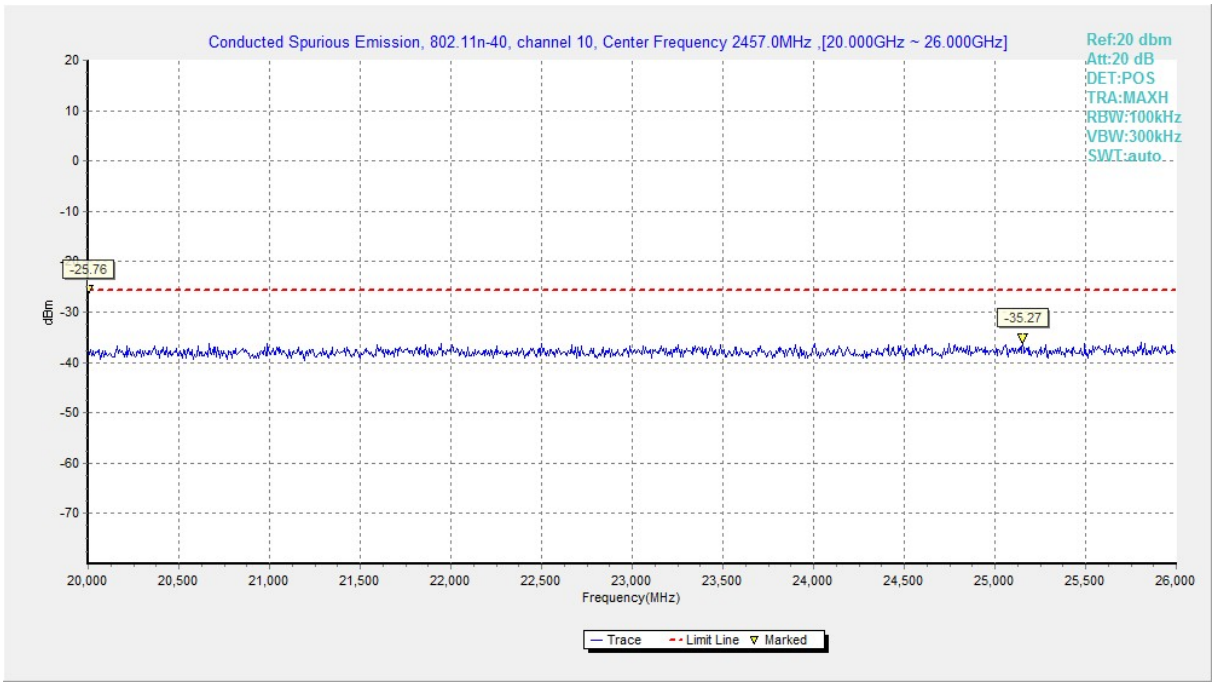

Fig.A.6.1.152 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch10, 20 GHz-26 GHz)

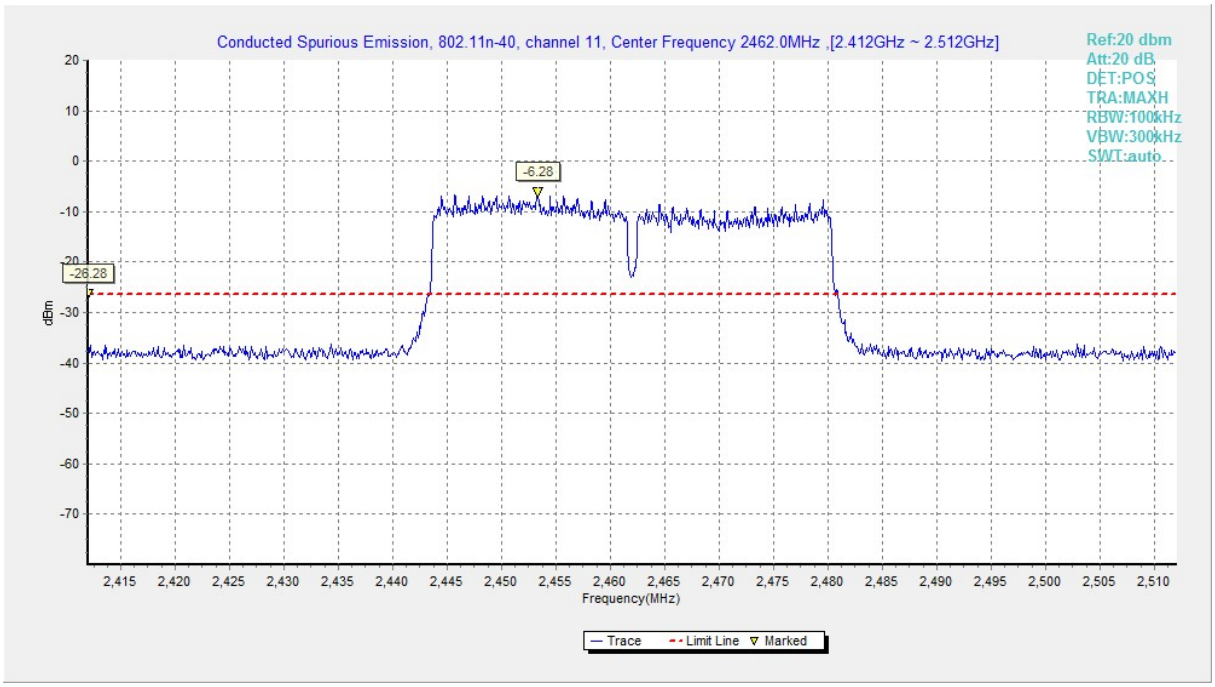

Fig.A.6.1.153 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, Center Frequency)

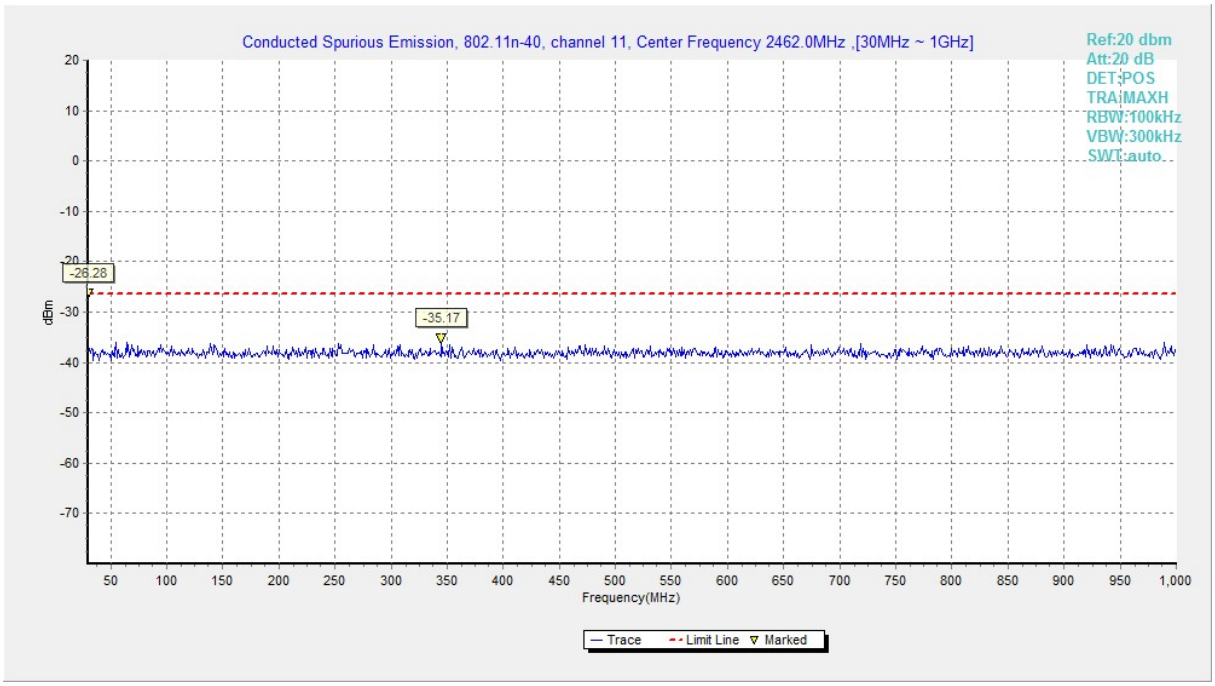

Fig.A.6.1.154 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 30 MHz-1 GHz)

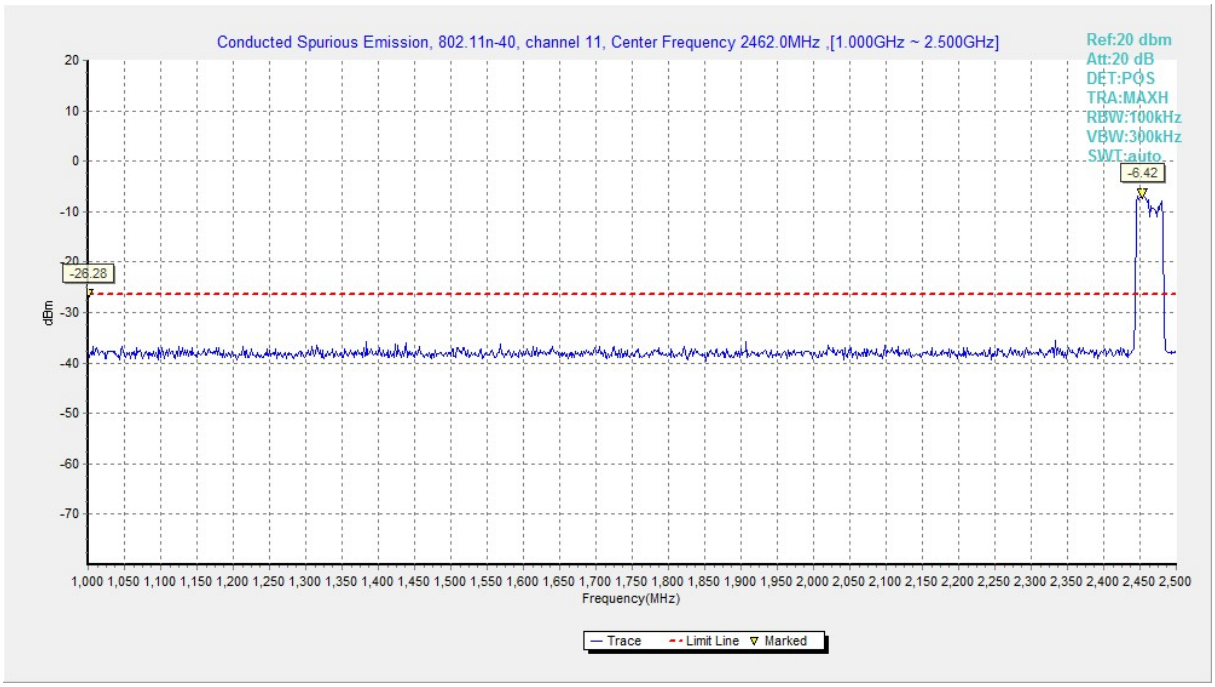

Fig.A.6.1.155 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 1 GHz-2.5 GHz)

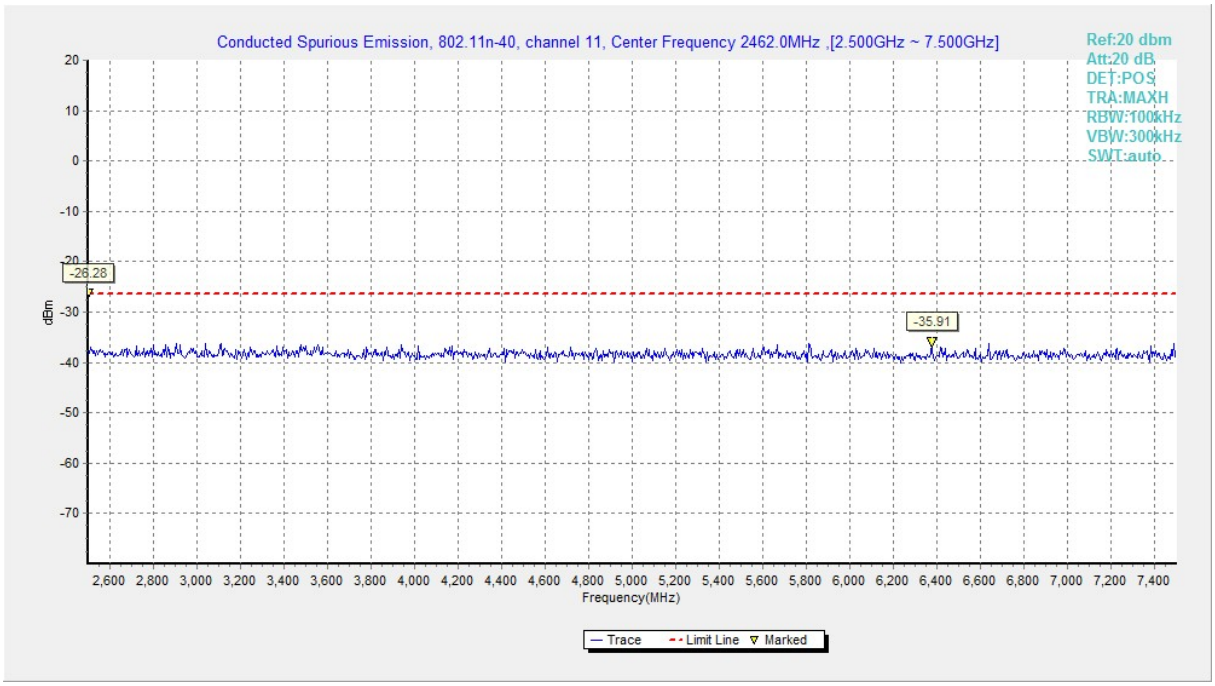

Fig.A.6.1.156 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 2.5 GHz-7.5 GHz)

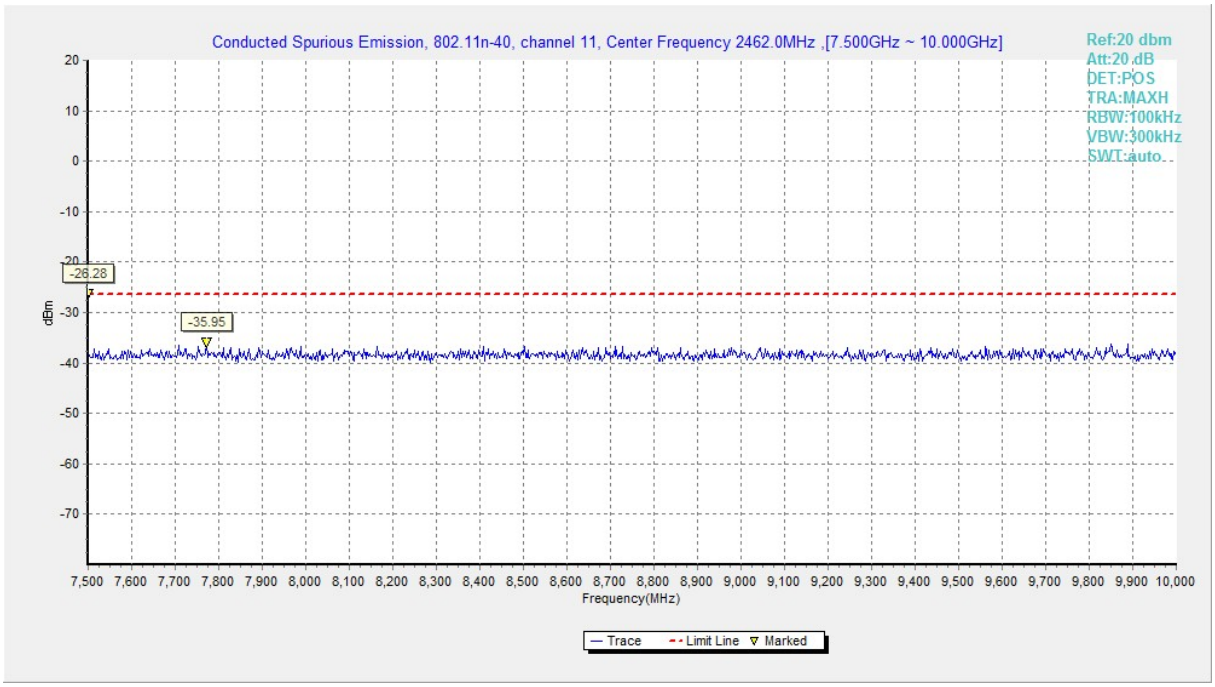

Fig.A.6.1.157 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 7.5 GHz-10 GHz)

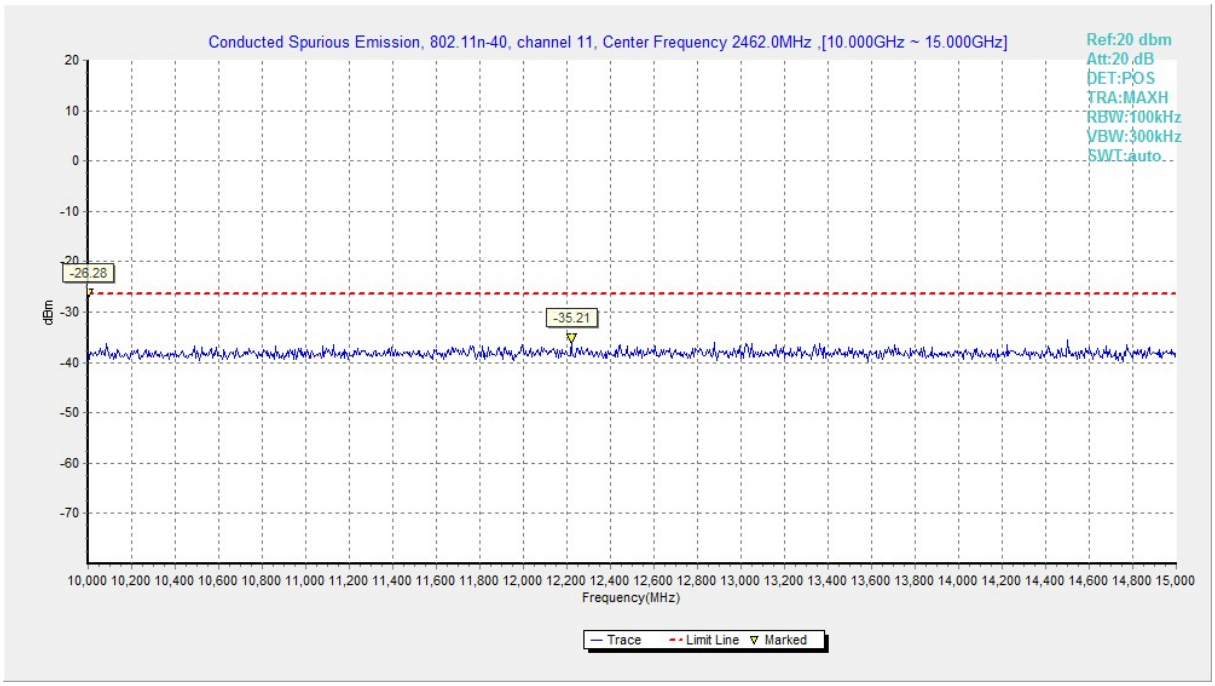

Fig.A.6.1.158 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 10 GHz-15 GHz)

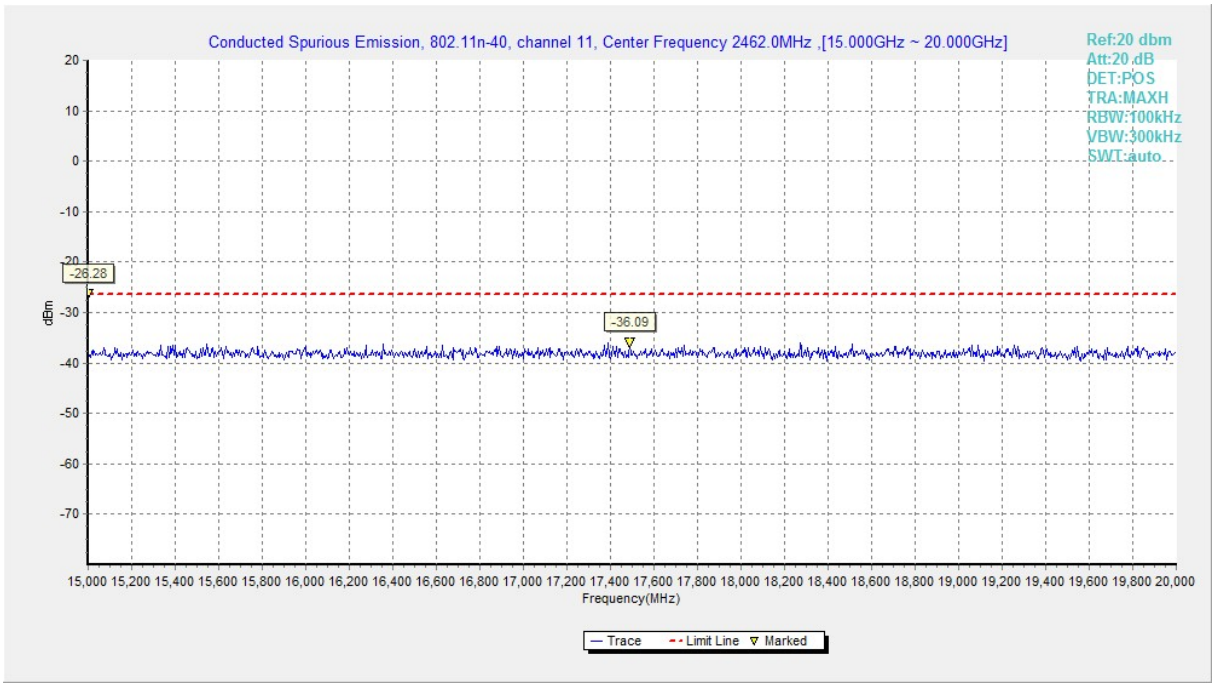

Fig.A.6.1.159 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 15 GHz-20 GHz)

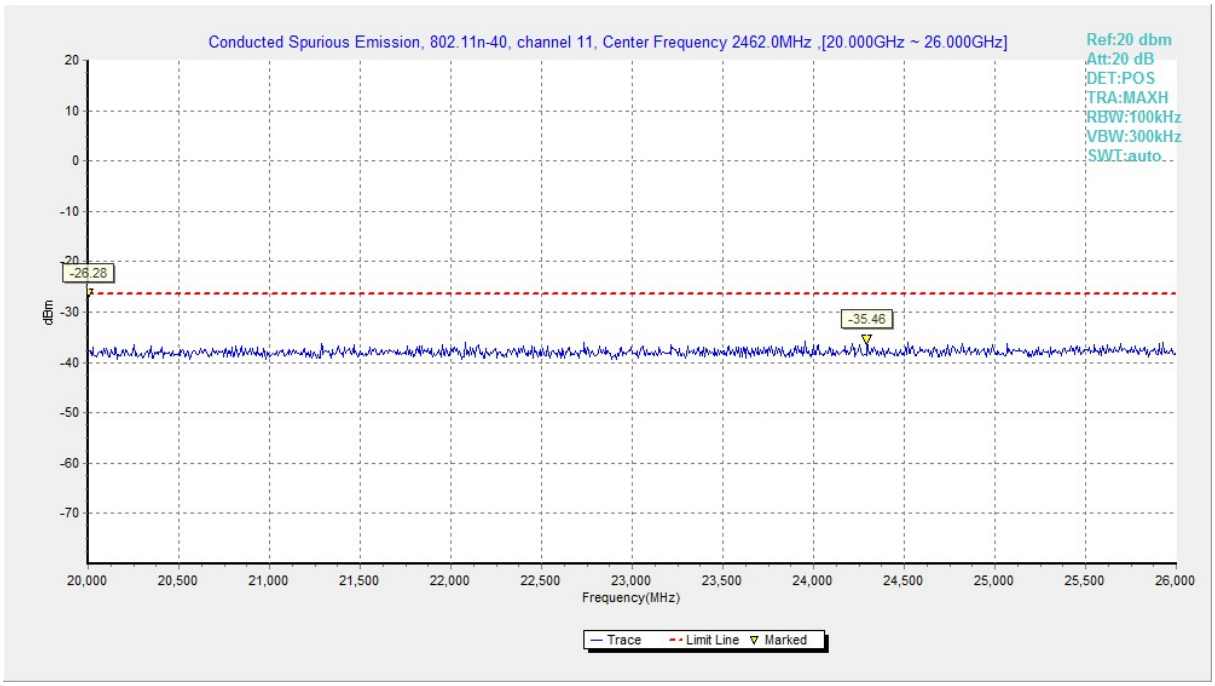

Fig.A.6.1.160 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch11, 20 GHz-26 GHz)

A.6.2 Transmitter Spurious Emission - Radiated

Method of Measurement: See ANSI C63.10-2013-clause 6.4 &6.5 & 6.6

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Frequency (MHz)	Field strength(μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

Test Condition

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

EUT ID: EUT1

Measurement Results:

802.11b mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.38GHz ~2.45GHz	Fig.A.6.2.1	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.2	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.3	**P**
	6	9 kHz ~30 MHz	Fig.A.6.2.4	**P**
		30 MHz ~1 GHz	Fig.A.6.2.5	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.6	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.7	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.8	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.9	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.10	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.11	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.12	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.13	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.14	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.15	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.16	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.17	**P**

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.38GHz ~2.43GHz	Fig.A.6.2.18	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.19	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.20	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.21	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.22	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.23	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.24	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.25	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.26	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.27	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.28	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.29	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.30	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.31	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.32	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.33	**P**

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.34	**P**
	1	1 GHz ~ 3 GHz	Fig.A.6.2.35	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.36	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.37	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.38	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.39	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.40	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.41	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.42	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.43	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.44	**P**
	12	1 GHz ~ 3 GHz	Fig.A.6.2.45	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.46	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.47	**P**
	13	1 GHz ~ 3 GHz	Fig.A.6.2.48	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.49	**P**

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	Power	2.38GHz ~2.45GHz	Fig.A.6.2.50	**P**
	3	1 GHz ~ 3 GHz	Fig.A.6.2.51	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.52	**P**
	6	30 MHz ~1 GHz	Fig.A.6.2.53	**P**
		1 GHz ~ 3 GHz	Fig.A.6.2.54	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.55	**P**
		18 GHz~ 26.5 GHz	Fig.A.6.2.56	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.57	**P**
	9	1 GHz ~ 3 GHz	Fig.A.6.2.58	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.59	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.60	**P**
	10	1 GHz ~ 3 GHz	Fig.A.6.2.61	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.62	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.63	**P**
	11	1 GHz ~ 3 GHz	Fig.A.6.2.64	**P**
		3 GHz ~ 18 GHz	Fig.A.6.2.65	**P**

Conclusion: Pass

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

Result=P_{Mea}+$A_{Rpl=}$ P_{Mea}+Cable Loss+Antenna Factor