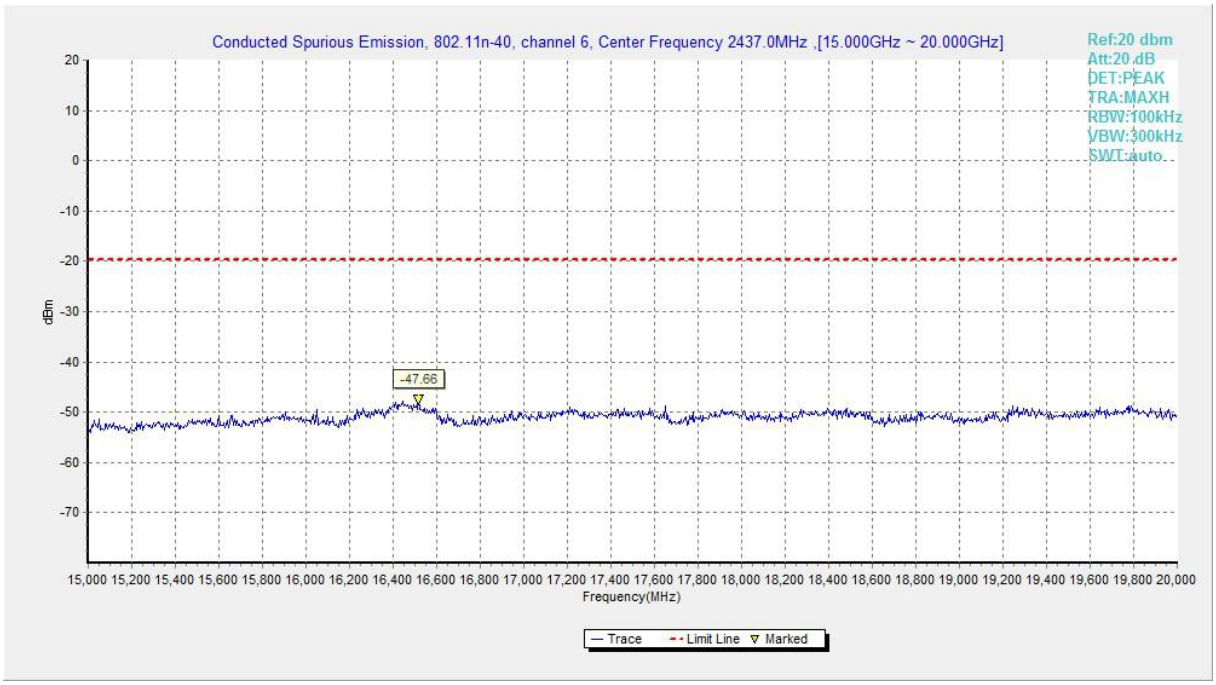

Fig.A.6.1.39 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 15 GHz-20 GHz)

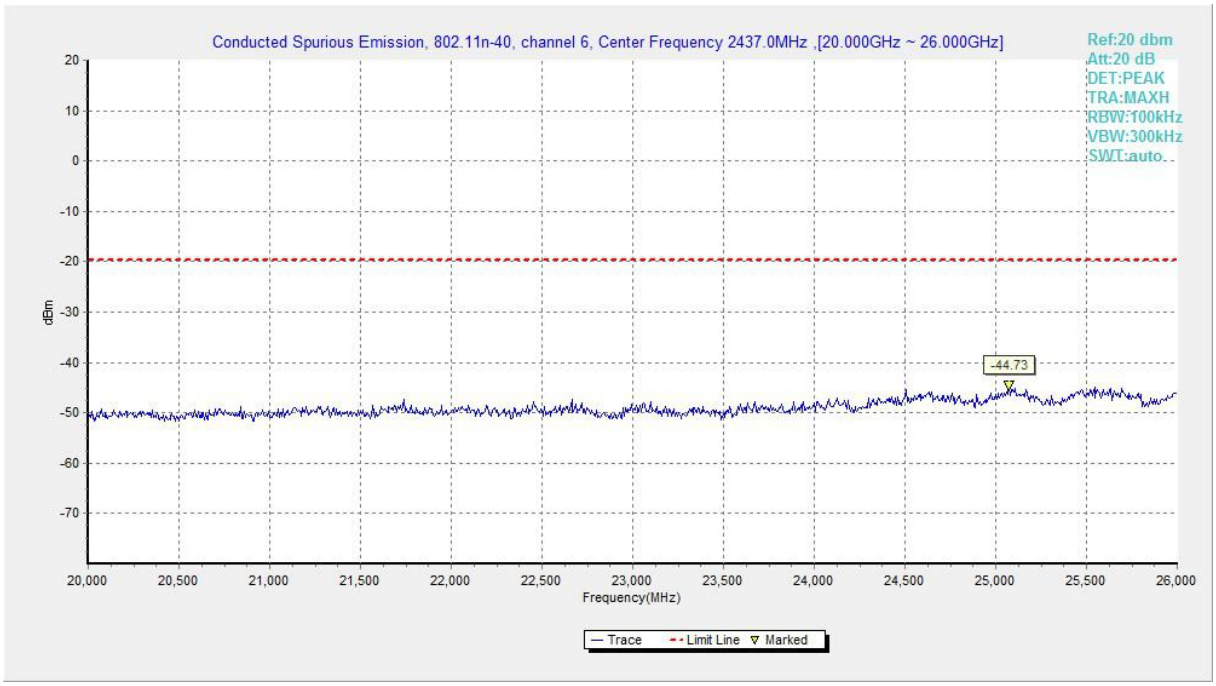

Fig.A.6.1.40 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch6, 20 GHz-26 GHz)

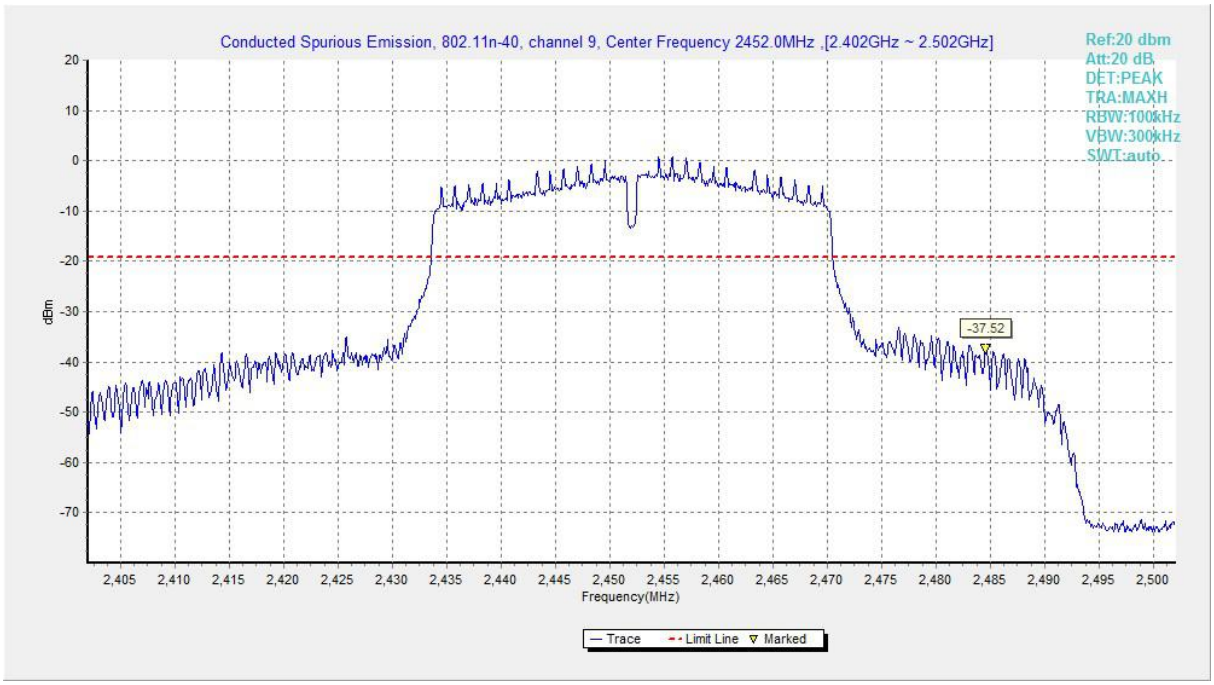

Fig.A.6.1.41 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, Center Frequency)

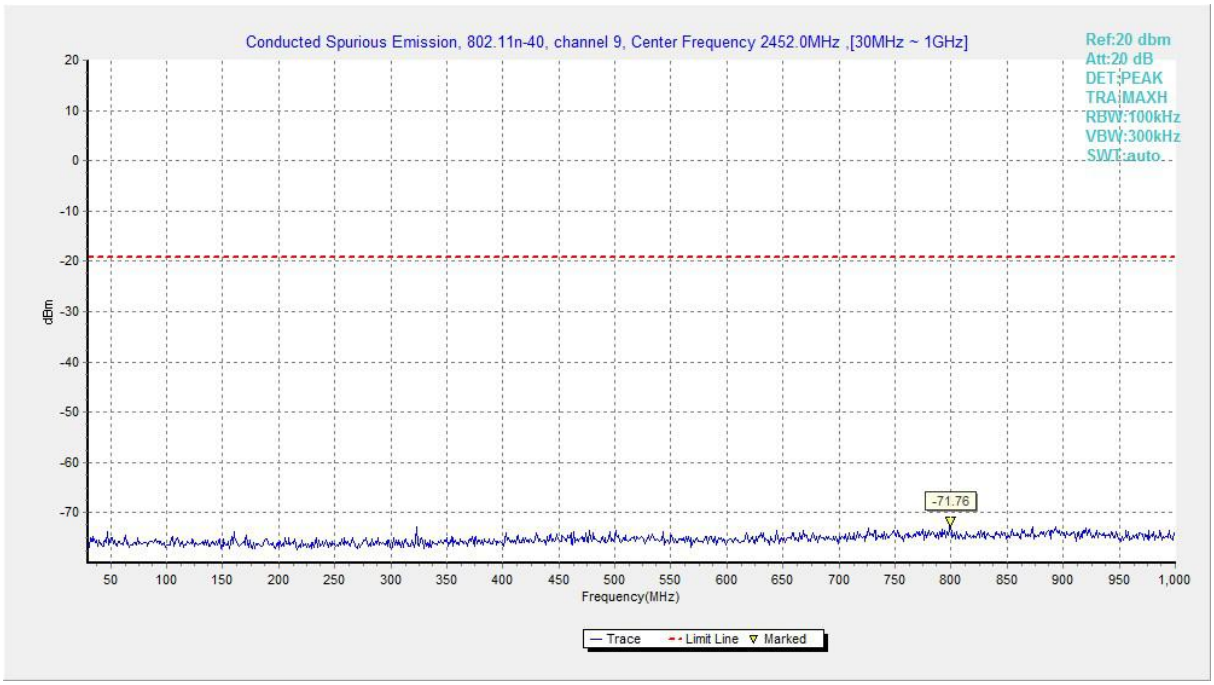

Fig.A.6.1.42 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 30 MHz-1 GHz)

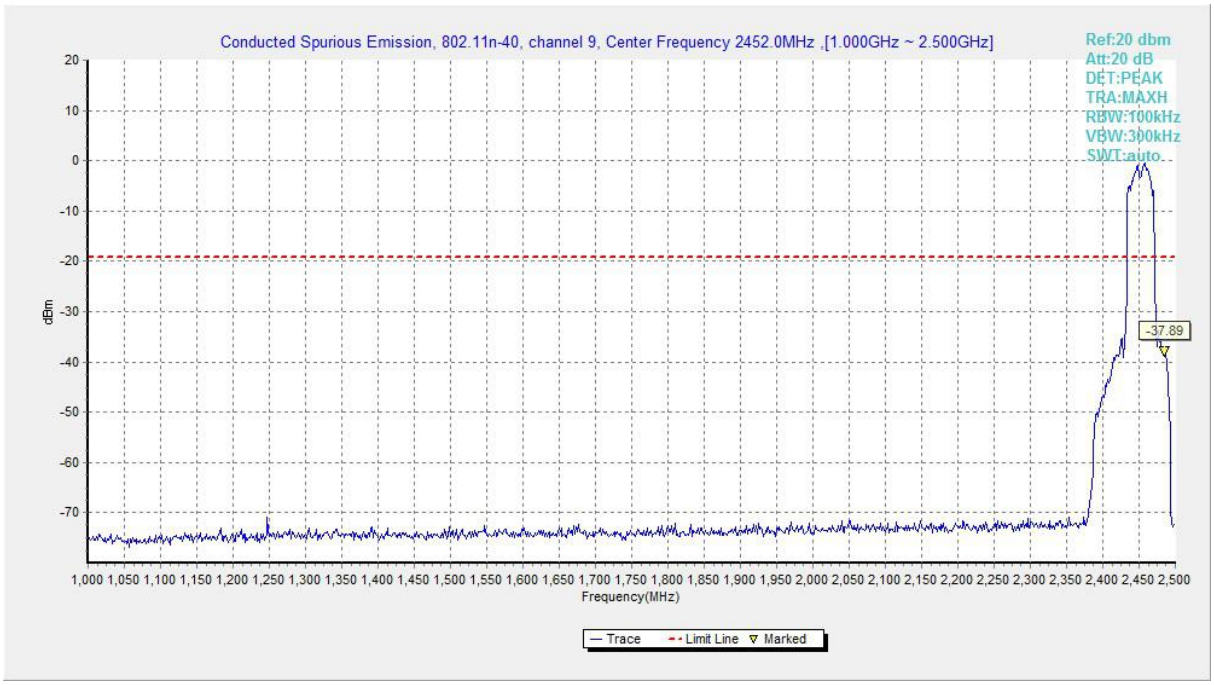

Fig.A.6.1.43 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 1 GHz-2.5 GHz)

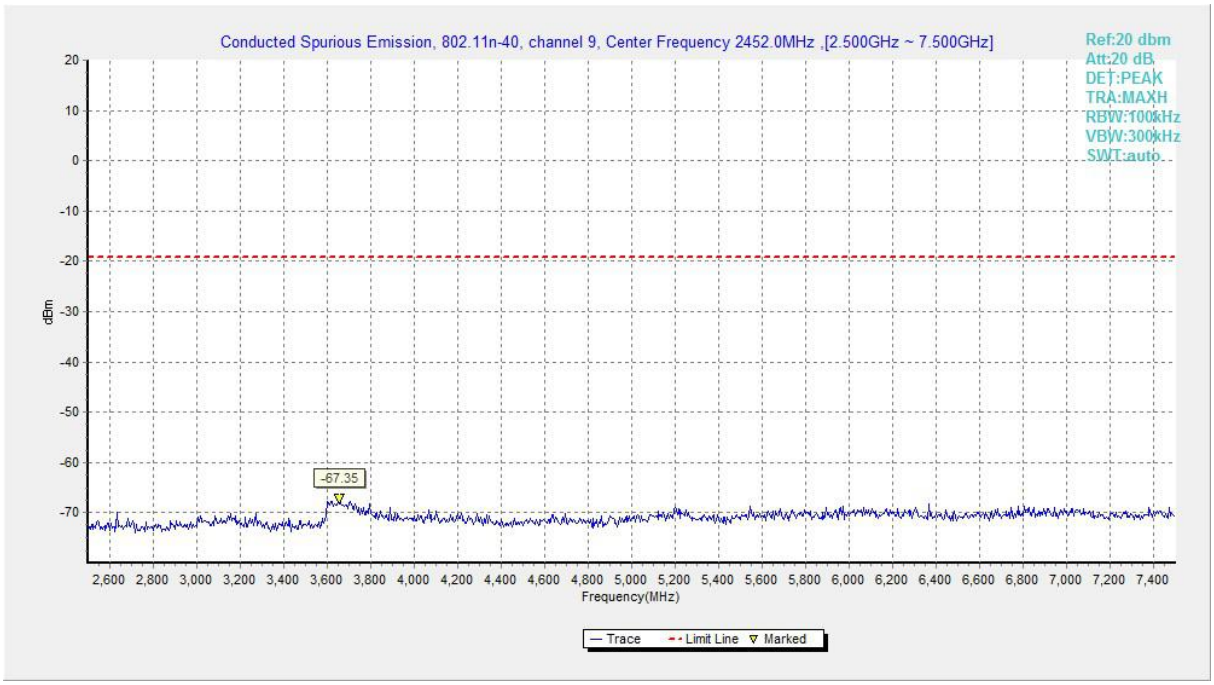

Fig.A.6.1.44 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 2.5 GHz-7.5 GHz)

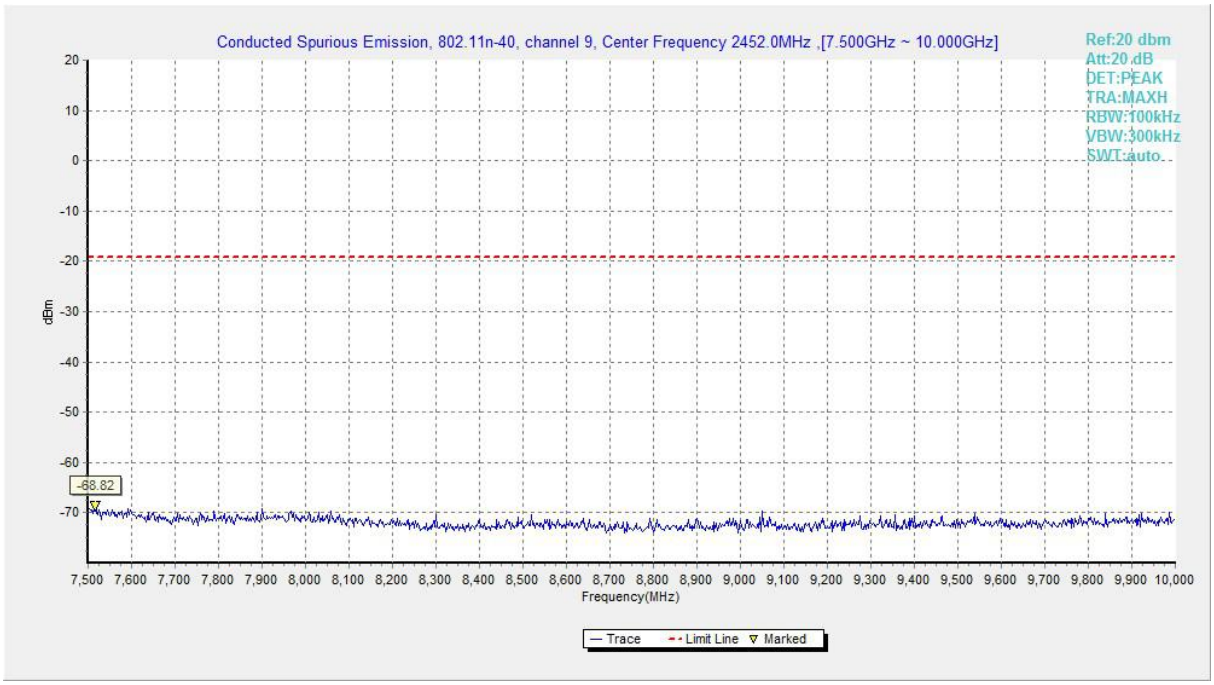

Fig.A.6.1.45 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 7.5 GHz-10 GHz)

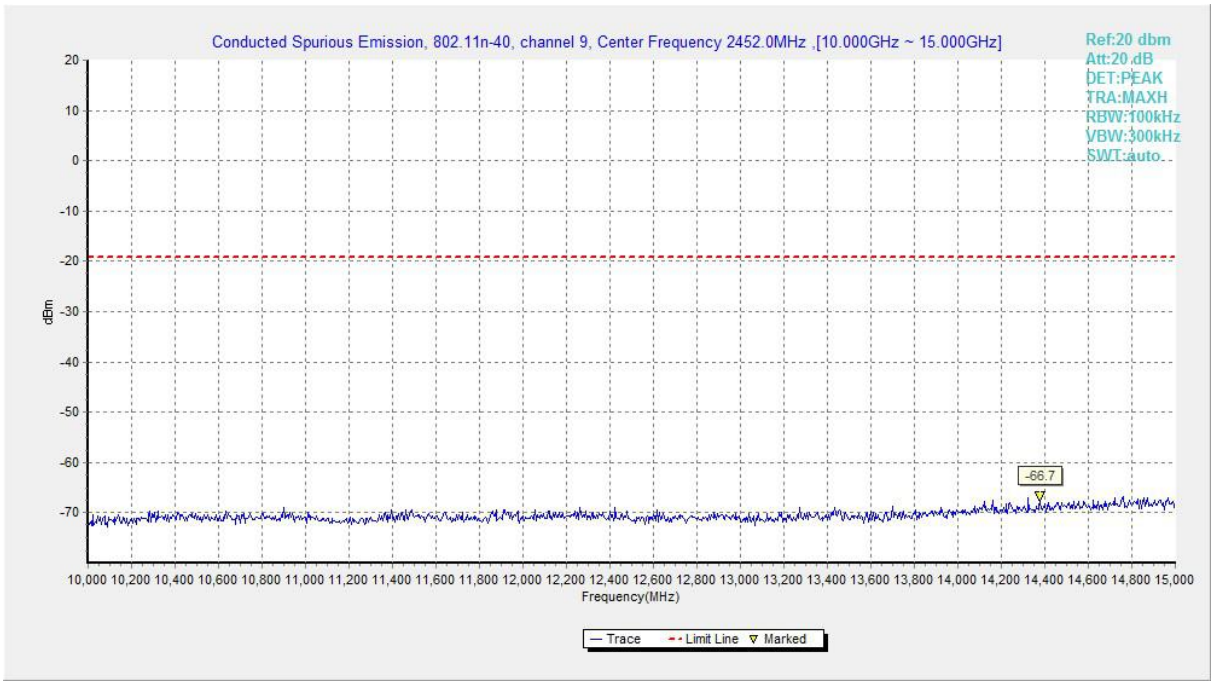

Fig.A.6.1.46 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 10 GHz-15 GHz)

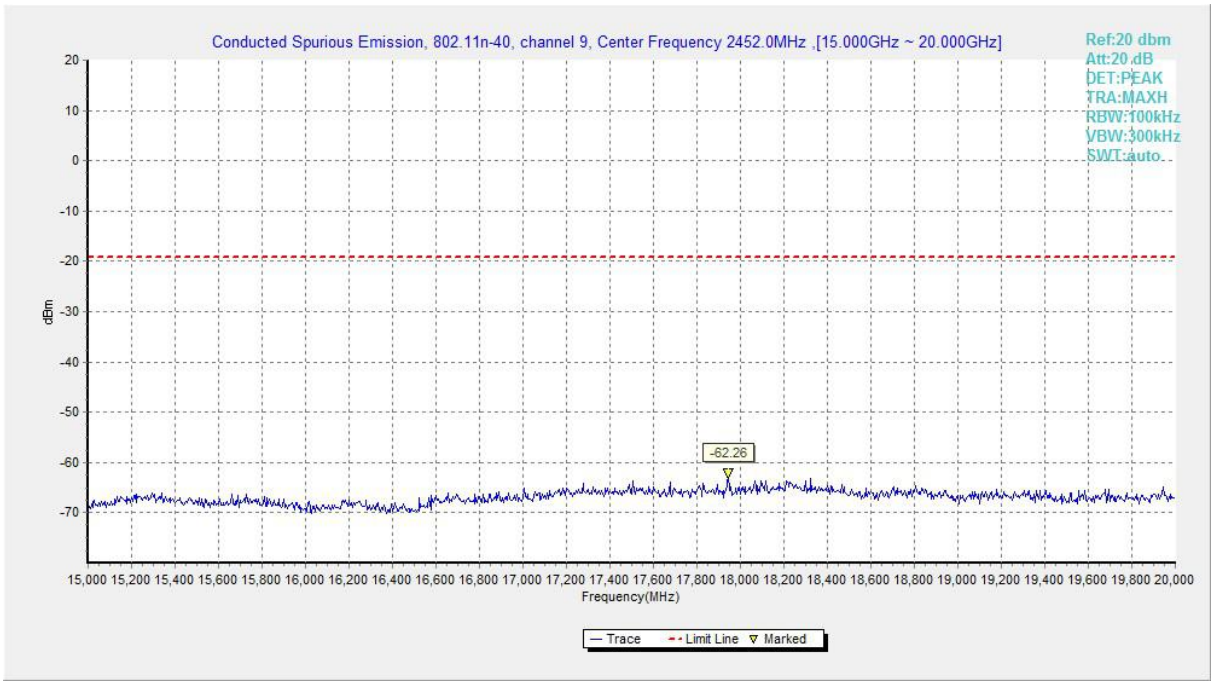

Fig.A.6.1.47 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 15 GHz-20 GHz)

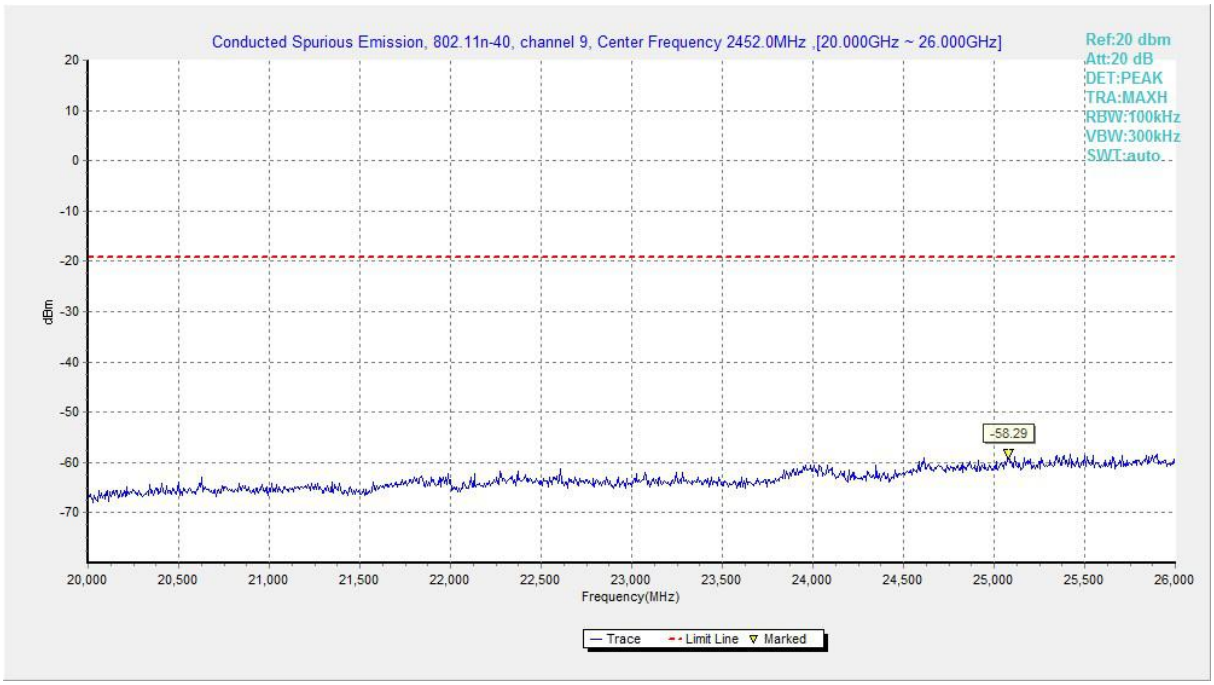

Fig.A.6.1.48 Transmitter Spurious Emission - Conducted (802.11n-HT40, Ch9, 20 GHz-26 GHz)

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	2.31GHz ~2.43GHz	Fig.A.6.2.1	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.2	**P**

802.11g mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11g	Power	2.31GHz ~2.43GHz	Fig.A.6.2.3	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.4	**P**

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT20)	Power	2.31GHz ~2.43GHz	Fig.A.6.2.5	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.6	**P**

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n (HT40)	Power	2.31GHz ~2.43GHz	Fig.A.6.2.7	**P**
	Power	2.45GHz ~2.5GHz	Fig.A.6.2.8	**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

Average Measurement results

802.11b

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17971	47.2	-25.5	46.7	26	H	54	6.8
17966	47.1	-25.5	46.7	25.9	H	54	6.9
17953	46.9	-25.5	46.7	25.7	V	54	7.1
17956.5	46.8	-25.5	46.7	25.6	V	54	7.2
17967	46.8	-25.5	46.7	25.6	H	54	7.2
2388.6	43.9	-14.2	28.1	30	V	54	10.1

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17942	46.8	-25.5	46.7	25.6	V	54	7.2
17946	46.8	-25.5	46.7	25.6	H	54	7.2
17971	46.8	-25.5	46.7	25.6	V	54	7.2
17987	46.8	-25.5	46.7	25.6	V	54	7.2
17960.5	46.7	-25.5	46.7	25.5	V	54	7.3
17964.5	46.6	-25.5	46.7	25.4	H	54	7.4

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17974	46.7	-25.5	46.7	25.5	H	54	7.3
17998.5	46.7	-25.5	46.7	25.5	H	54	7.3
17966	46.6	-25.5	46.7	25.4	H	54	7.4
17982	46.6	-25.5	46.7	25.4	V	54	7.4
17998	46.6	-25.5	46.7	25.4	H	54	7.4
2485.8	45.5	-14.2	28.3	31.4	V	54	8.5

802.11g

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17956.5	46.7	-25.5	46.7	25.5	V	54	7.3
17982	46.7	-25.5	46.7	25.5	V	54	7.3
17995.5	46.6	-25.5	46.7	25.4	V	54	7.4
17997.5	46.6	-25.5	46.7	25.4	V	54	7.4
17946.5	46.5	-25.5	46.7	25.3	V	54	7.5
2389.8	46.9	-14.2	28.1	33	V	54	7.1

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17984	46.8	-25.5	46.7	25.6	V	54	7.2
17963	46.7	-25.5	46.7	25.5	H	54	7.3
17983	46.7	-25.5	46.7	25.5	H	54	7.3
17987.5	46.7	-25.5	46.7	25.5	H	54	7.3
17946.5	46.6	-25.5	46.7	25.4	V	54	7.4
17964	46.6	-25.5	46.7	25.4	H	54	7.4

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17973	46.7	-25.5	46.7	25.5	V	54	7.3
17942	46.6	-25.5	46.7	25.4	V	54	7.4
17958	46.6	-25.5	46.7	25.4	H	54	7.4
17961	46.6	-25.5	46.7	25.4	H	54	7.4
17966.5	46.6	-25.5	46.7	25.4	V	54	7.4
2485	47.5	-14.2	28.3	33.4	V	54	6.5

802.11n-HT20

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17956.5	46.8	-25.5	46.7	25.6	V	54	7.2
17993	46.8	-25.5	46.7	25.6	V	54	7.2
17947.5	46.6	-25.5	46.7	25.4	V	54	7.4
17954	46.5	-25.5	46.7	25.3	V	54	7.5
17963	46.5	-25.5	46.7	25.3	V	54	7.5
2389.7	46.8	-14.2	28.1	32.9	V	54	7.2

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17984	47	-25.5	46.7	25.8	H	54	7
17978.5	46.8	-25.5	46.7	25.6	H	54	7.2
17955	46.6	-25.5	46.7	25.4	V	54	7.4
17958.5	46.6	-25.5	46.7	25.4	H	54	7.4
17996	46.6	-25.5	46.7	25.4	H	54	7.4
17930	46.5	-25.5	46.7	25.3	V	54	7.5

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17967	46.9	-25.5	46.7	25.7	H	54	7.1
17948.5	46.7	-25.5	46.7	25.5	H	54	7.3
17952.5	46.7	-25.5	46.7	25.5	V	54	7.3
17989	46.7	-25.5	46.7	25.5	H	54	7.3
17942	46.6	-25.5	46.7	25.4	H	54	7.4
2485.1	48.6	-14.2	28.3	34.5	V	54	5.4

802.11n-HT40

Ch3

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17958.5	46.8	-25.5	46.7	25.6	V	54	7.2
17993.5	46.7	-25.5	46.7	25.5	H	54	7.3
17996.5	46.7	-25.5	46.7	25.5	H	54	7.3
17958	46.6	-25.5	46.7	25.4	H	54	7.4
17986.5	46.6	-25.5	46.7	25.4	V	54	7.4
2389.9	51.9	-14.2	28.1	38	V	54	2.1

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17990.5	46.8	-25.5	46.7	25.6	V	54	7.2
17954	46.7	-25.5	46.7	25.5	H	54	7.3
17958.5	46.7	-25.5	46.7	25.5	V	54	7.3
17963.5	46.7	-25.5	46.7	25.5	H	54	7.3
17968	46.7	-25.5	46.7	25.5	V	54	7.3
17980	46.7	-25.5	46.7	25.5	V	54	7.3

Ch9

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17949	46.8	-25.5	46.7	25.6	H	54	7.2
17979	46.8	-25.5	46.7	25.6	V	54	7.2
17996.5	46.8	-25.5	46.7	25.6	V	54	7.2
17975	46.7	-25.5	46.7	25.5	V	54	7.3
17944	46.6	-25.5	46.7	25.4	V	54	7.4
2485.1	51.9	-14.2	28.3	37.8	V	54	2.1

Peak Measurement results

802.11b

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17980	58.2	-25.5	46.7	37	V	74	15.8
17986.5	58.1	-25.5	46.7	36.9	H	74	15.9
17976.5	57.9	-25.5	46.7	36.7	V	74	16.1
17994	57.8	-25.5	46.7	36.6	H	74	16.2
17923	57.7	-25.5	46.7	36.5	V	74	16.3
2385.1	55.7	-14.2	28.1	41.8	V	74	18.3

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17998.5	57.9	-25.5	46.7	36.7	H	74	16.1
17898.5	57.7	-25.5	46.7	36.5	H	74	16.3
17984.5	57.7	-25.5	46.7	36.5	H	74	16.3
17992.5	57.7	-25.5	46.7	36.5	H	74	16.3
17576	57.6	-25.7	46	37.4	H	74	16.4
17967.5	57.6	-25.5	46.7	36.4	H	74	16.4

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17943.5	58.4	-25.5	46.7	37.2	H	74	15.6
17973	57.5	-25.5	46.7	36.3	V	74	16.5
17993	57.5	-25.5	46.7	36.3	H	74	16.5
17893.5	57.3	-25.5	46.7	36.1	V	74	16.7
17986.5	57.3	-25.5	46.7	36.1	V	74	16.7
2487.2	57.9	-14.2	28.3	43.8	V	74	16.1

802.11g

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17928.5	58.3	-25.5	46.7	37.1	H	74	15.7
17997	58	-25.5	46.7	36.8	H	74	16
17956	57.7	-25.5	46.7	36.5	V	74	16.3
17945	57.6	-25.5	46.7	36.4	H	74	16.4
17869.5	57.4	-25.5	46.7	36.2	H	74	16.6
2389.8	58.5	-14.2	28.1	44.6	V	74	15.5

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17971	58.1	-25.5	46.7	36.9	H	74	15.9
17925.5	57.8	-25.5	46.7	36.6	V	74	16.2
17952	57.5	-25.5	46.7	36.3	V	74	16.5
17990.5	57.5	-25.5	46.7	36.3	V	74	16.5
17995.5	57.5	-25.5	46.7	36.3	V	74	16.5
17953	57.4	-25.5	46.7	36.2	V	74	16.6

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17949	58.6	-25.5	46.7	37.4	H	74	15.4
17913.5	58.4	-25.5	46.7	37.2	V	74	15.6
17940.5	58	-25.5	46.7	36.8	V	74	16
17942	58	-25.5	46.7	36.8	V	74	16
17989	57.9	-25.5	46.7	36.7	H	74	16.1
2485.1	59.5	-14.2	28.3	45.4	V	74	14.5

802.11n-HT20

Ch1

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17993	57.9	-25.5	46.7	36.7	V	74	16.1
17961.5	57.8	-25.5	46.7	36.6	H	74	16.2
17907.5	57.4	-25.5	46.7	36.2	H	74	16.6
17954	57.4	-25.5	46.7	36.2	V	74	16.6
17981.5	57.4	-25.5	46.7	36.2	V	74	16.6
2389.7	59.1	-14.2	28.1	45.2	V	74	14.9

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17946	57.9	-25.5	46.7	36.7	V	74	16.1
17963.5	57.8	-25.5	46.7	36.6	V	74	16.2
17989	57.8	-25.5	46.7	36.6	V	74	16.2
17999	57.8	-25.5	46.7	36.6	V	74	16.2
17960	57.6	-25.5	46.7	36.4	V	74	16.4
17979	57.6	-25.5	46.7	36.4	H	74	16.4

Ch11

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17908	58	-25.5	46.7	36.8	V	74	16
17893.5	57.8	-25.5	46.7	36.6	V	74	16.2
17991	57.8	-25.5	46.7	36.6	V	74	16.2
17998	57.8	-25.5	46.7	36.6	V	74	16.2
17971	57.7	-25.5	46.7	36.5	H	74	16.3
2485.3	63.7	-14.2	28.3	49.6	V	74	10.3

802.11n-HT40

Ch3

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17971.5	57.9	-25.5	46.7	36.7	V	74	16.1
17984	57.8	-25.5	46.7	36.6	H	74	16.2
17967.5	57.7	-25.5	46.7	36.5	V	74	16.3
17935	57.6	-25.5	46.7	36.4	H	74	16.4
17981	57.6	-25.5	46.7	36.4	H	74	16.4
2389.6	62.7	-14.2	28.1	48.8	V	74	11.3

Ch6

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17984.5	58.7	-25.5	46.7	37.5	H	74	15.3
17968.5	57.9	-25.5	46.7	36.7	H	74	16.1
17972.5	57.9	-25.5	46.7	36.7	H	74	16.1
17870.5	57.8	-25.5	46.7	36.6	V	74	16.2
17958	57.7	-25.5	46.7	36.5	V	74	16.3
17792	57.6	-25.5	46.7	36.4	V	74	16.4

Ch9

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	P_{Mea} (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17634	57.9	-25.7	46	37.7	H	74	16.1
17985	57.9	-25.5	46.7	36.7	H	74	16.1
17994.5	57.9	-25.5	46.7	36.7	H	74	16.1
17992.5	57.8	-25.5	46.7	36.6	H	74	16.2
17966	57.7	-25.5	46.7	36.5	V	74	16.3
2485.1	64.2	-14.2	28.3	50.1	V	74	9.8

Test graphs as below:

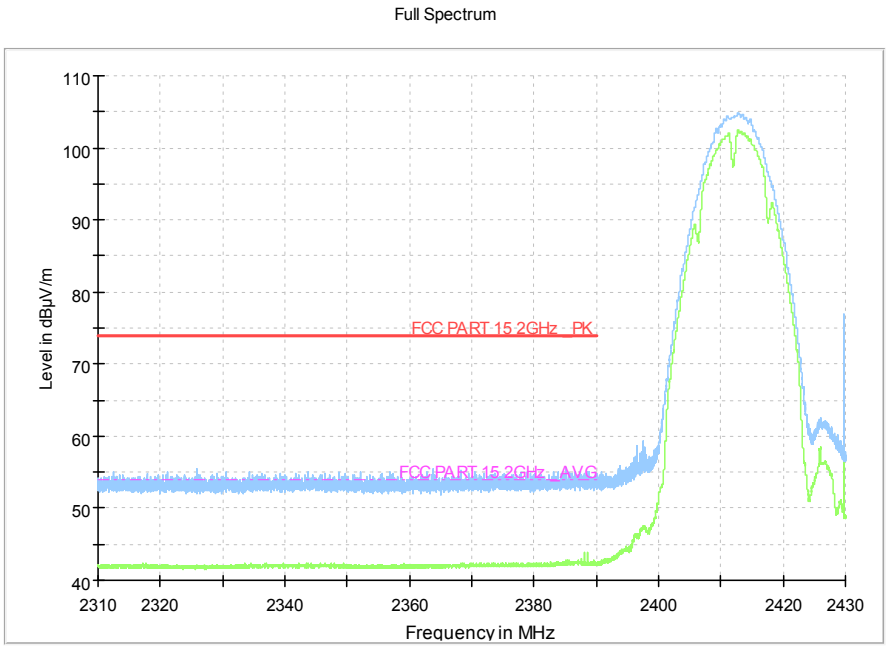

Fig.A.6.2.1 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch1, 2.31 GHz – 2.43GHz

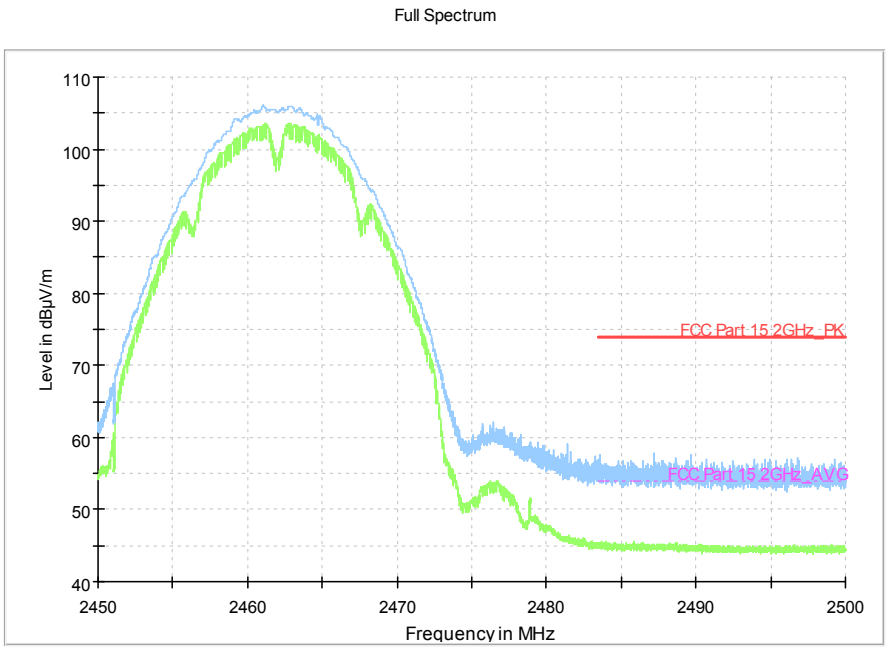

Fig.A.6.2.2 Transmitter Spurious Emission - Radiated (Power): 802.11b, ch11, 2.45 GHz - 2.50GHz

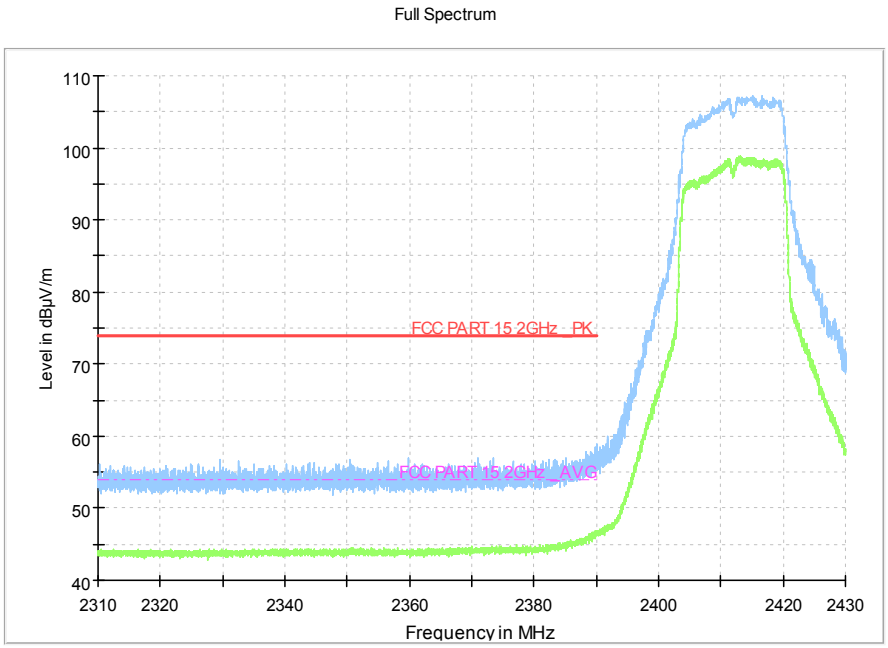

Fig.A.6.2.3 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch1, 2.31GHz - 2.43GHz

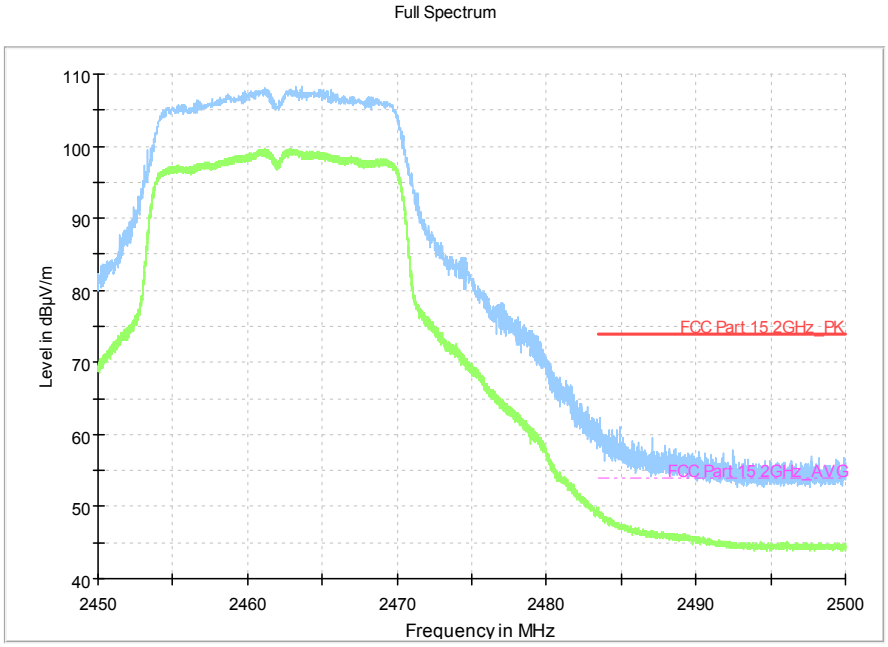

Fig.A.6.2.4 Transmitter Spurious Emission - Radiated (Power): 802.11g, ch11, 2.45 GHz - 2.50GHz

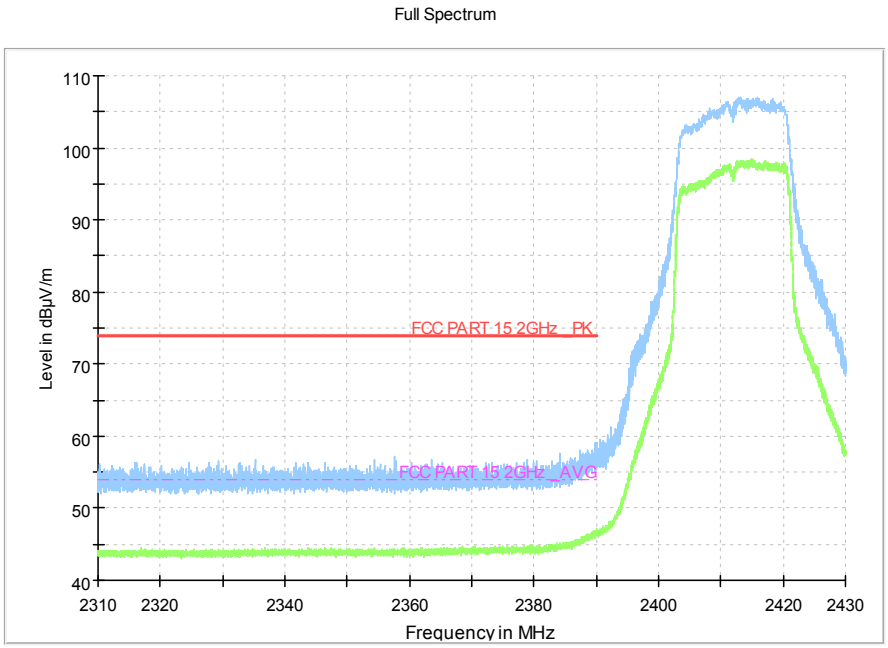

Fig.A.6.2.5 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch1, 2.31 GHz - 2.43GHz

Fig.A.6.2.6 GHz)

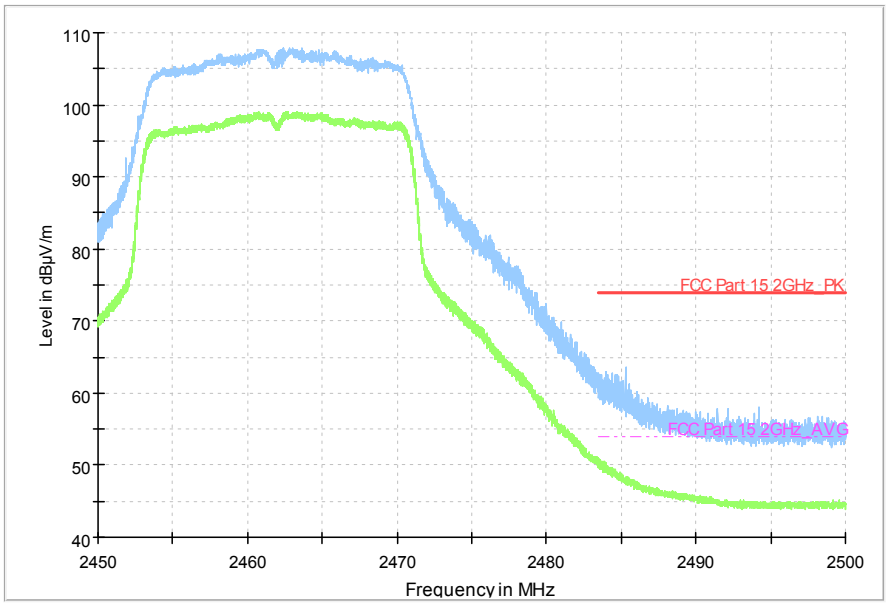

Fig.A.6.2.7 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT20, ch11, 2.45 GHz - 2.50GHz

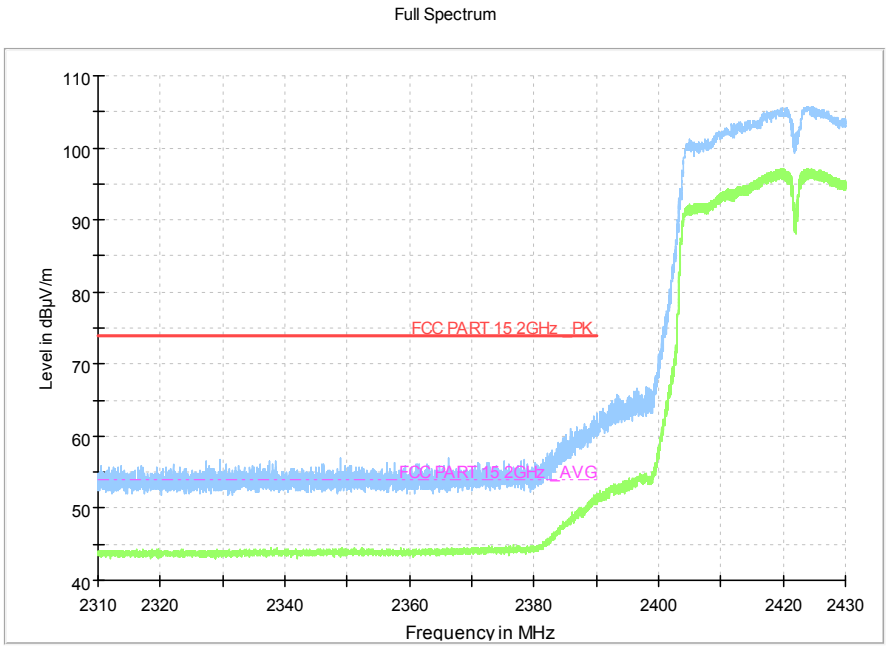

Fig.A.6.2.8 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch3, 2.31 GHz - 2.43GHz

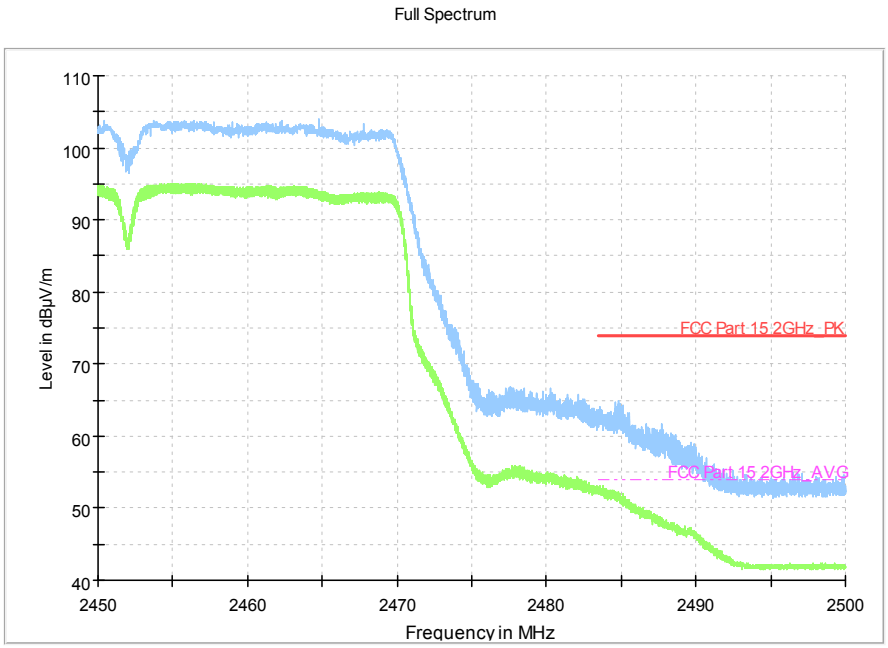

Fig.A.6.2.9 Transmitter Spurious Emission - Radiated (Power): 802.11n-HT40, ch9, 2.45 GHz - 2.50GHz

A.7. AC Power-line Conducted Emission

Method of Measurement: See ANSI C63.10-2013-clause 6.2

1 The one EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit is selected for the final measurement, while applying the appropriate modulating signal to the EUT.

2 If the EUT is relocated from an exploratory test site to a final test site, the highest emissions shall be remaximized at the final test location before final ac power-line conducted emission measurements are performed.

3 The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment in the system) is then performed for the full frequency range for which the EUT is being tested for compliance without further variation of the EUT arrangement, cable positions, or EUT mode of operation.

4 If the EUT is comprised of equipment units that have their own separate ac power connections, e.g., floor-standing equipment with independent power cords for each shelf that are able to connect directly to the ac power network, each current-carrying conductor of one unit is measured while the other units are connected to a second (or more) LISN(s). All units shall be separately measured. If a power strip is provided by the manufacturer, to supply all of the units making up the EUT, only the conductors in the power cord of the power strip shall be measured.

5 If the EUT uses a detachable antenna, these measurements shall be made with a suitable dummy load connected to the antenna output terminals; otherwise, the tests shall be made with the antenna connected and, if adjustable, fully extended. When measuring the ac conducted emissions from a device that operates between 150 kHz and 30 MHz a non-detachable antenna may be replaced with a dummy load for the measurements within the fundamental emission band of the transmitter, but only for those measurements.36 Record the six highest EUT emissions relative to the limit of each of the current-carrying conductors of the power cords of the equipment that comprises the EUT over the frequency range specified by the procuring or regulatory agency. Diagram or photograph the test setup that was used. See Clause 8 for full reporting requirements.

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Note:The measurement results showed here are worst cases of the combinations of different chargers and cables.

Conclusion: Pass

Test graphs as below:

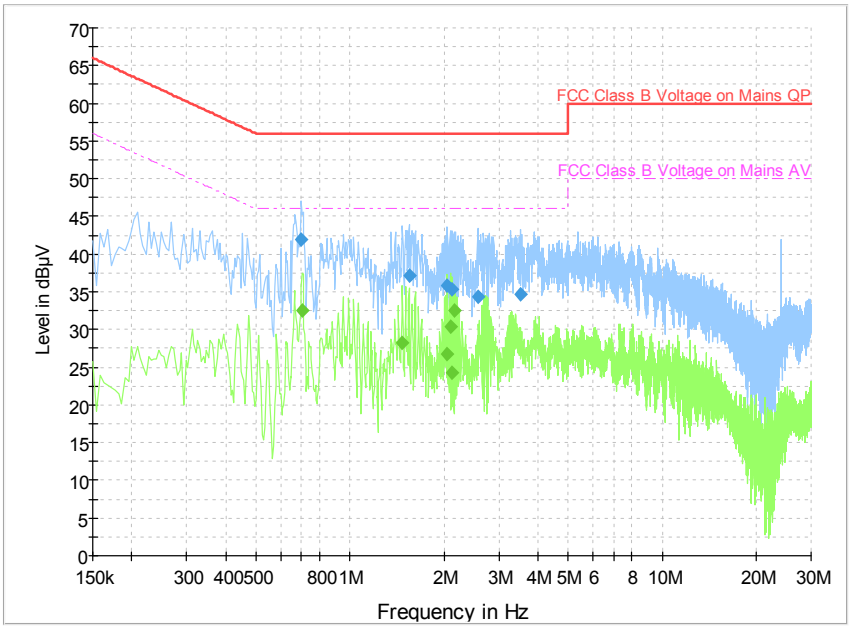

Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency(MHz)	QuasiPeak(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.699000	41.9	L1	14.1	56.0
1.545000	37.1	L1	18.9	56.0
2.049000	35.8	L1	20.2	56.0
2.130000	35.3	L1	20.7	56.0
2.562000	34.3	L1	21.7	56.0
3.516000	34.6	L1	21.4	56.0

Final Result 2

Frequency(MHz)	Average(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.703500	32.6	L1	13.4	46.0
1.473000	28.2	L1	17.8	46.0
2.053500	26.8	L1	19.2	46.0
2.094000	30.4	L1	15.6	46.0
2.130000	24.2	L1	21.8	46.0
2.170500	32.5	L1	13.5	46.0

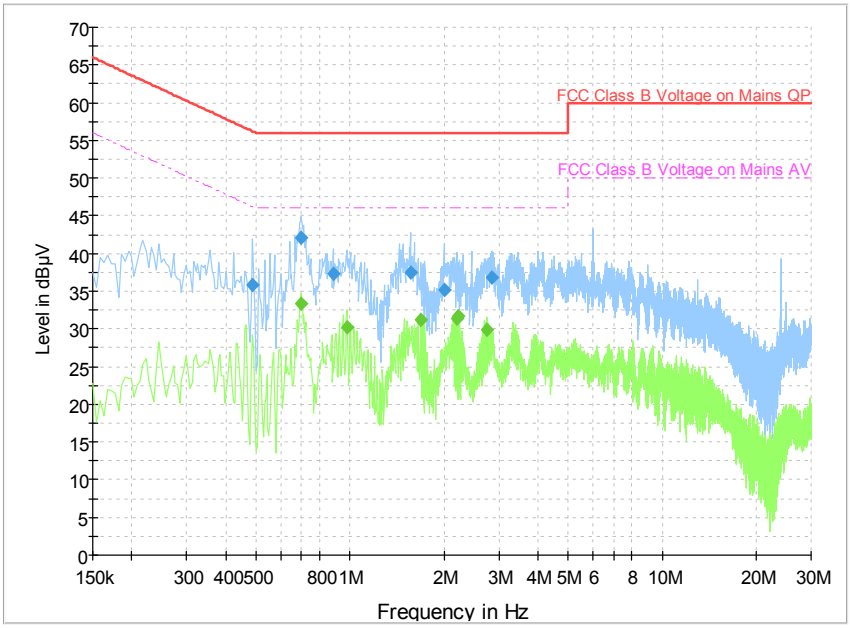

Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency(MHz)	QuasiPeak(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.487500	35.8	L1	20.5	56.2
0.699000	42.2	L1	13.8	56.0
0.883500	37.3	L1	18.7	56.0
1.563000	37.4	L1	18.6	56.0
1.999500	35.2	L1	20.8	56.0
2.850000	36.9	L1	19.1	56.0

Final Result 2

Frequency(MHz)	Average(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.699000	33.4	L1	12.6	46.0
0.978000	30.2	L1	15.8	46.0
1.684500	31.3	L1	14.7	46.0
2.197500	31.4	L1	14.6	46.0
2.224500	31.7	L1	14.3	46.0
2.737500	29.8	L1	16.2	46.0

ANNEX B: Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2020-09-29 through 2021-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

*****END OF REPORT*****