

Fig. 40 Conducted Spurious Emission (802.11ac-HT20, Ch149, 1 GHz -12 GHz)

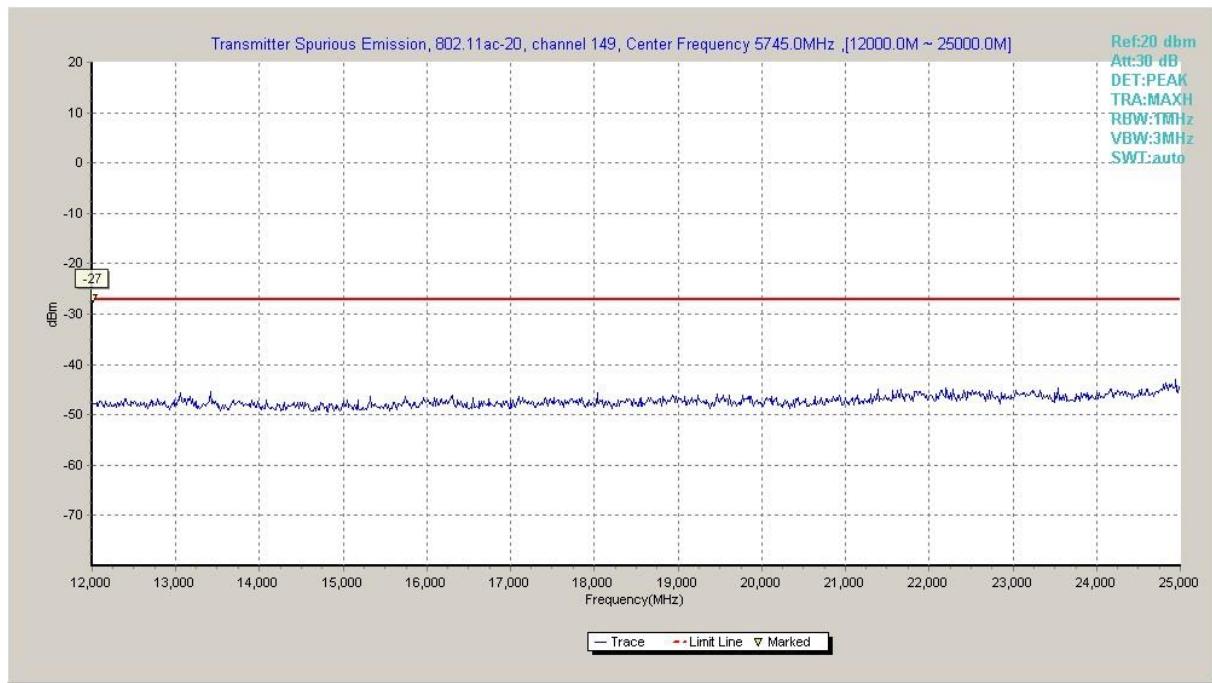


Fig. 41 Conducted Spurious Emission (802.11ac-HT20, Ch149, 12 GHz-25 GHz)

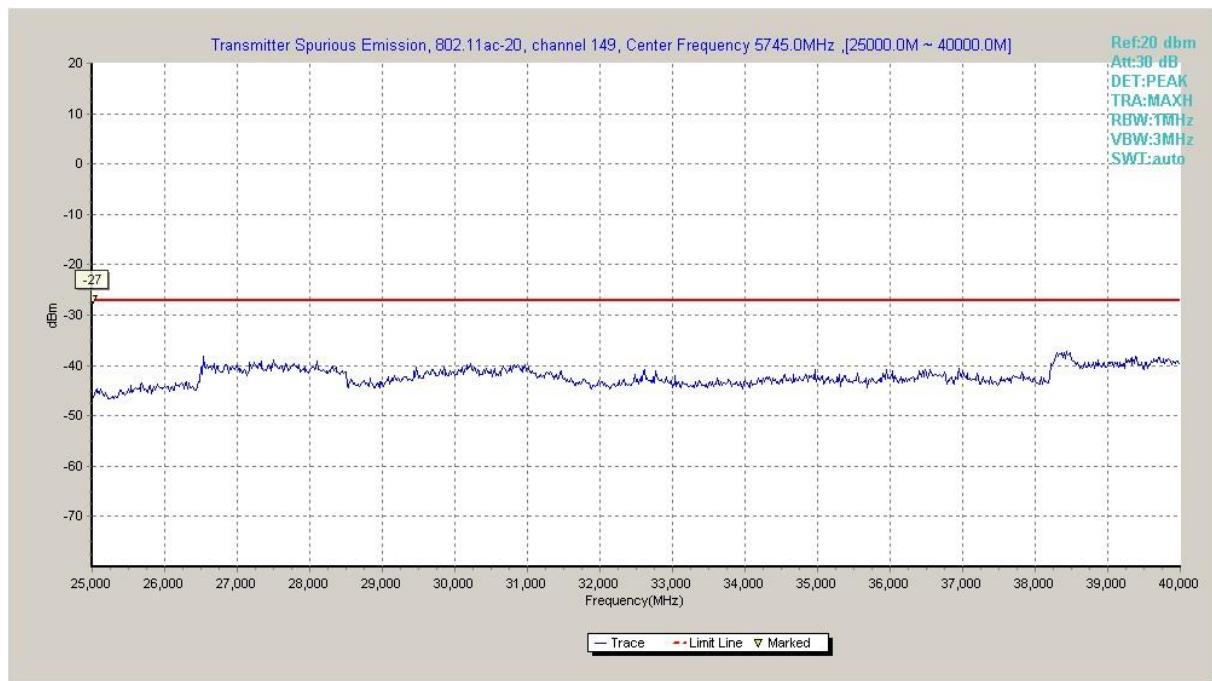


Fig. 42 Conducted Spurious Emission (802.11ac-HT20, Ch149, 25 GHz-40 GHz)

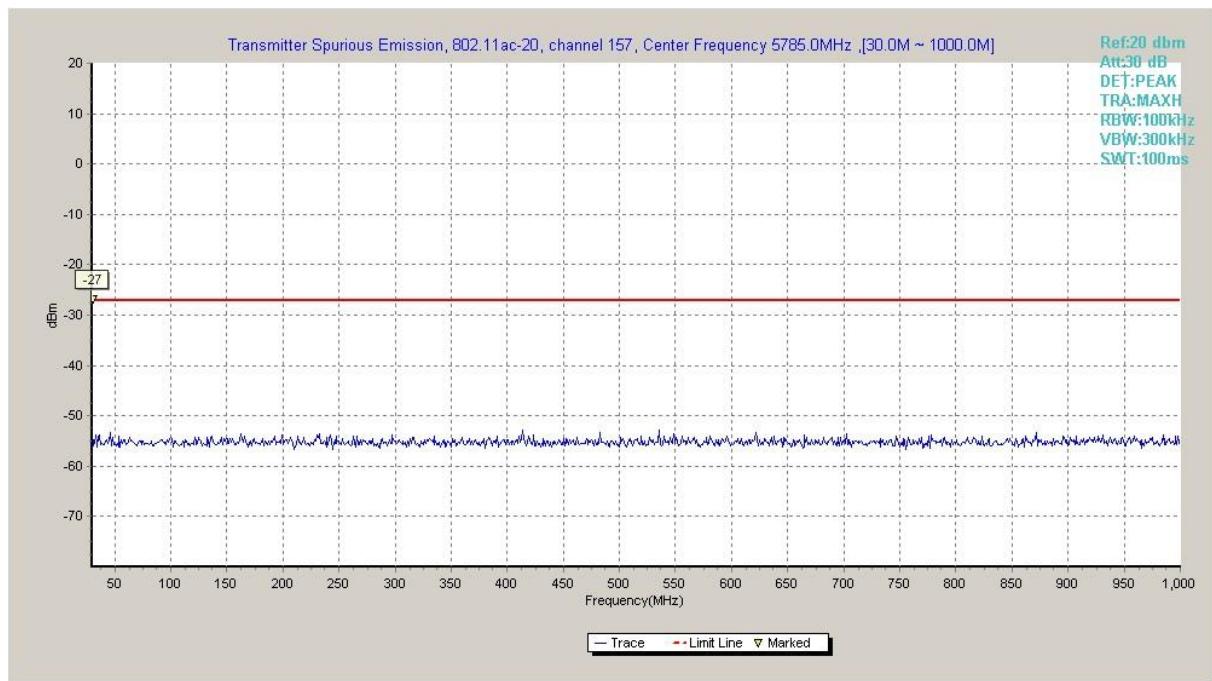


Fig. 43 Conducted Spurious Emission (802.11ac-HT20, Ch157, 30 MHz-1 GHz)

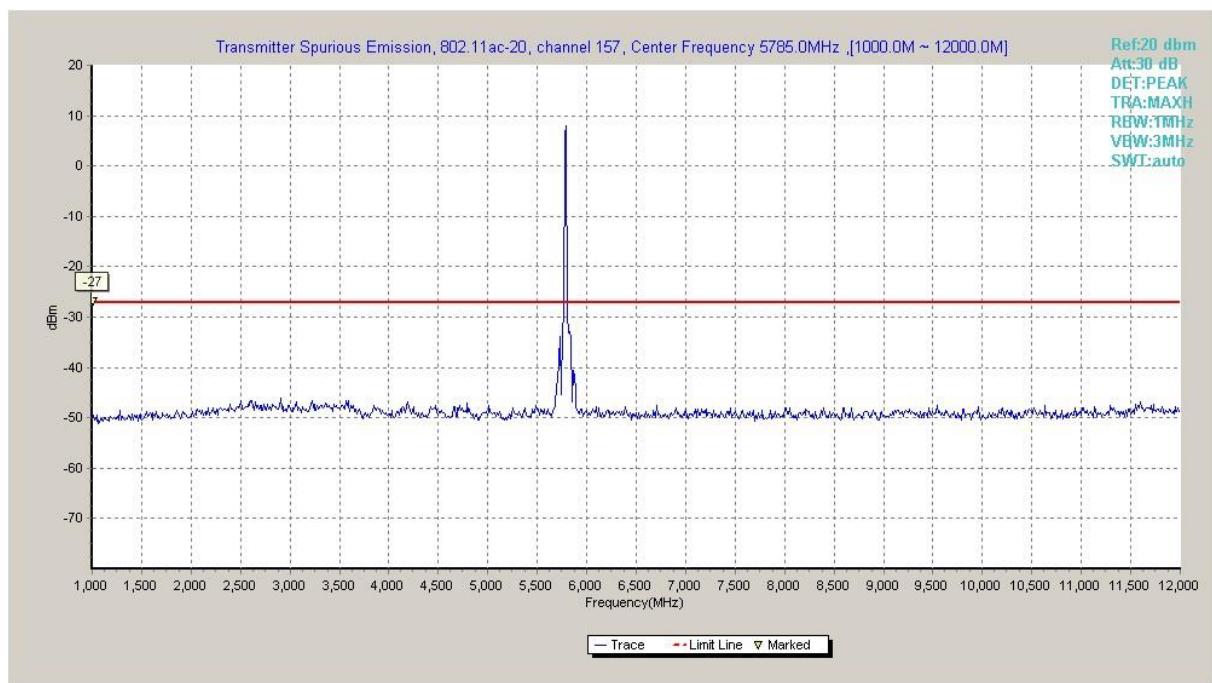


Fig. 44 Conducted Spurious Emission (802.11ac-HT20, Ch157, 1 GHz -12 GHz)

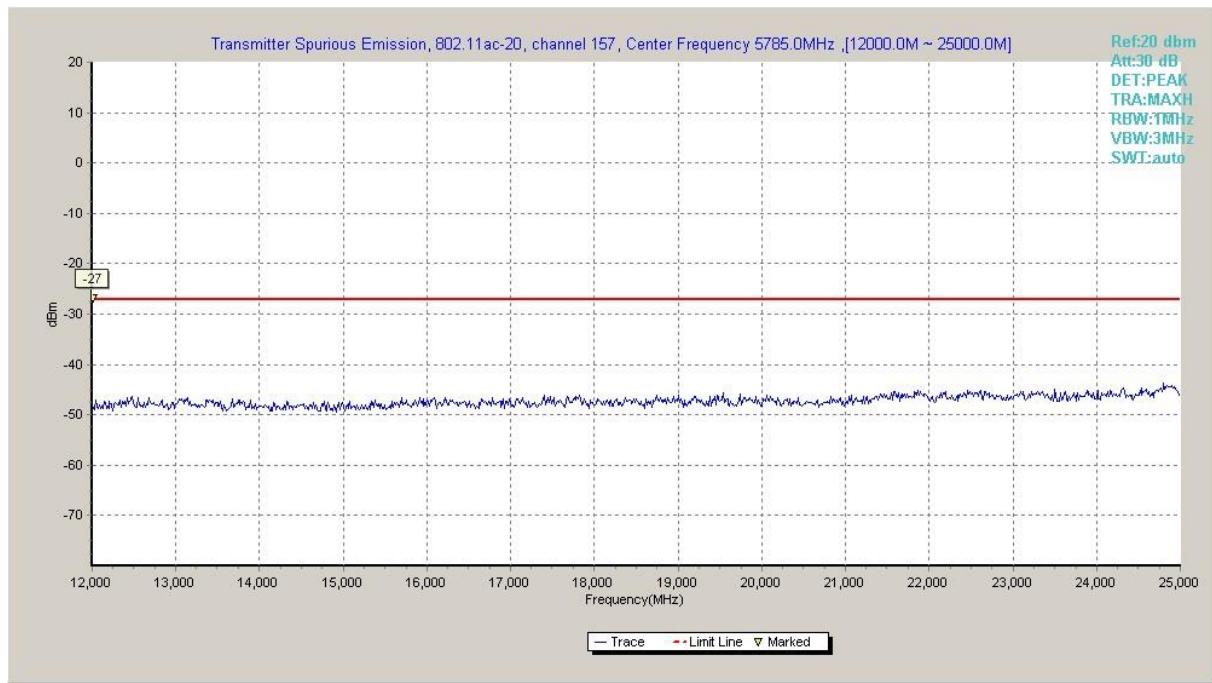


Fig. 45 Conducted Spurious Emission (802.11ac-HT20, Ch157, 12 GHz-25 GHz)

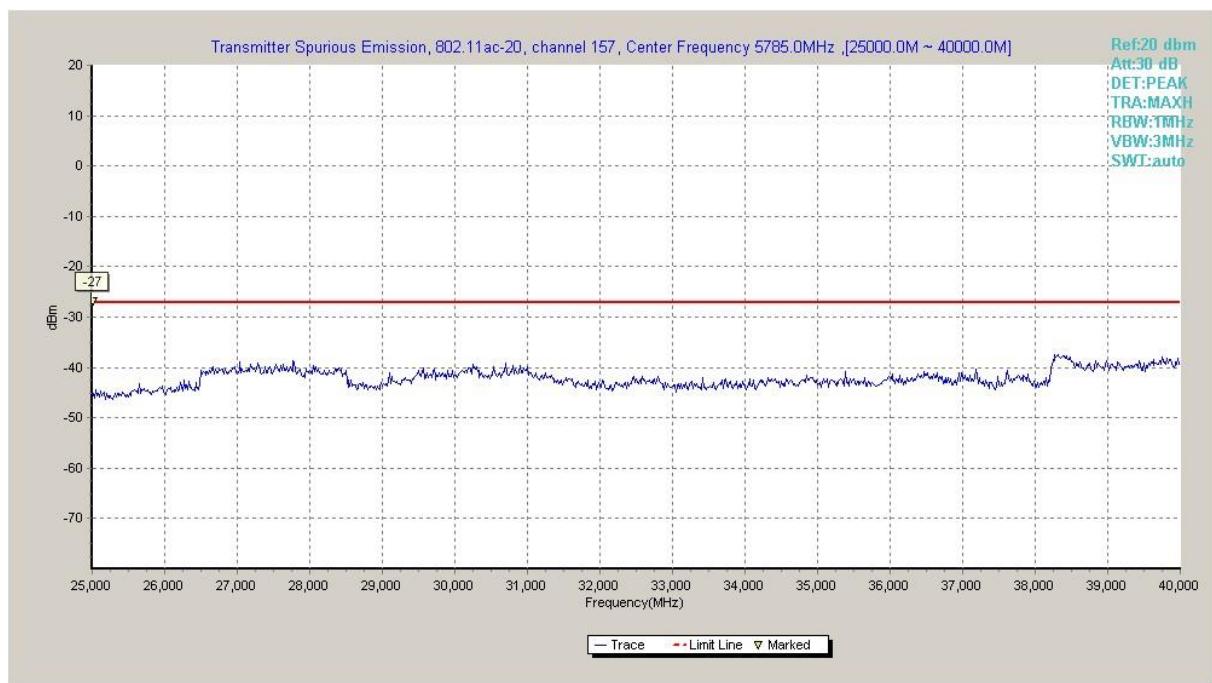


Fig. 46 Conducted Spurious Emission (802.11ac-HT20, Ch157, 25 GHz-40 GHz)

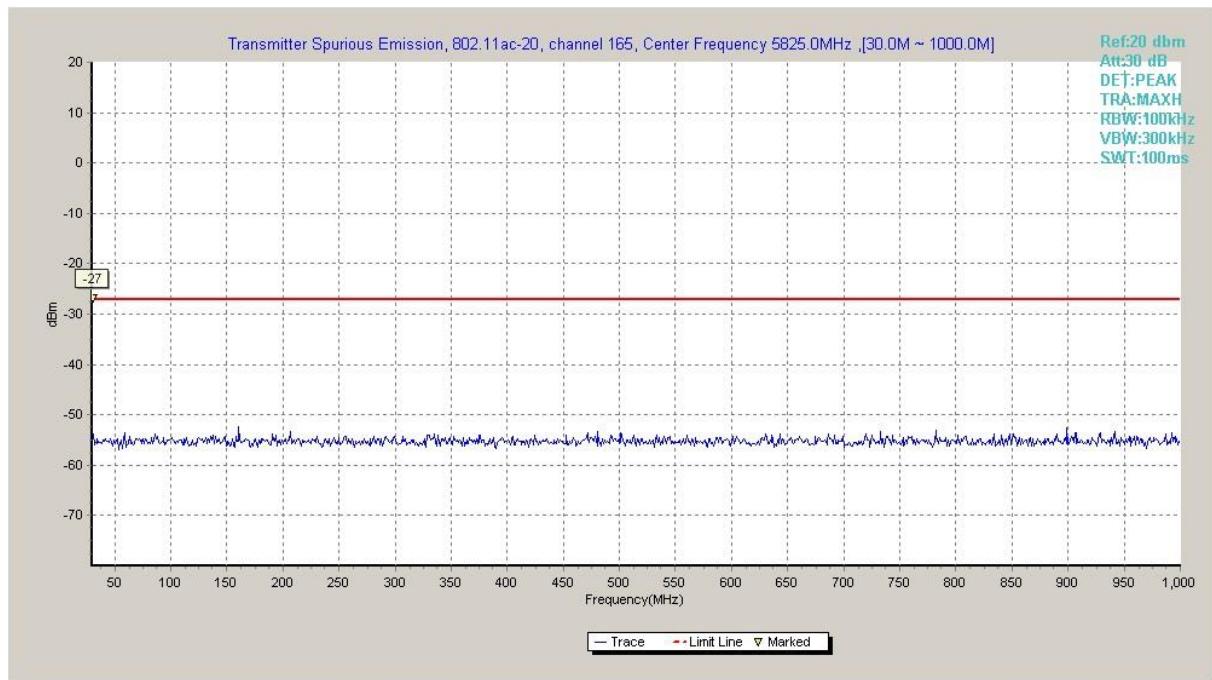


Fig. 47 Conducted Spurious Emission (802.11ac-HT20, Ch165, 30 MHz-1 GHz)

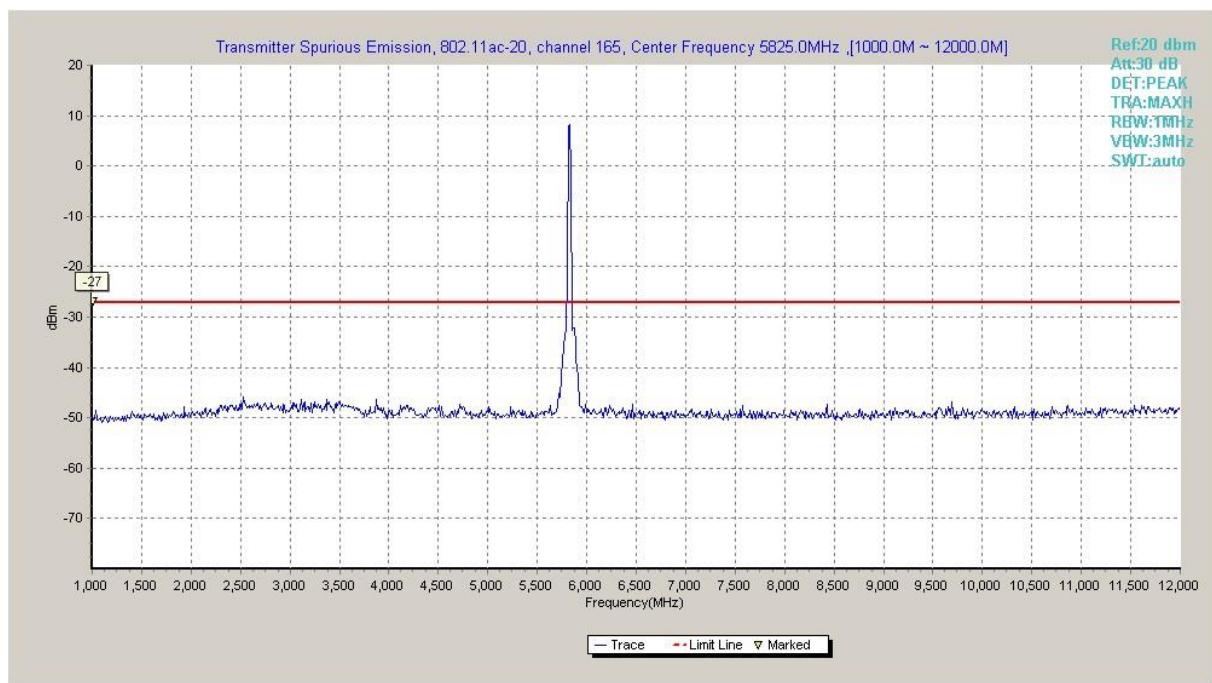


Fig. 48 Conducted Spurious Emission (802.11ac-HT20, Ch165, 1 GHz -12 GHz)

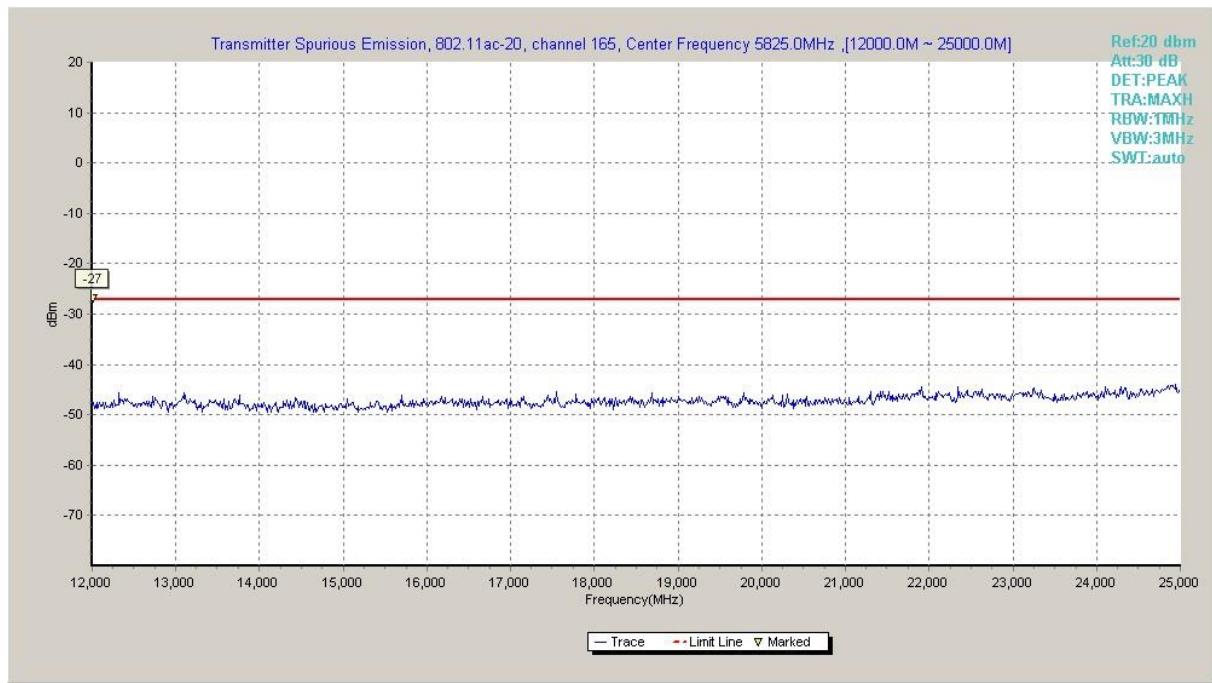


Fig. 49 Conducted Spurious Emission (802.11ac-HT20, Ch165, 12 GHz-25 GHz)

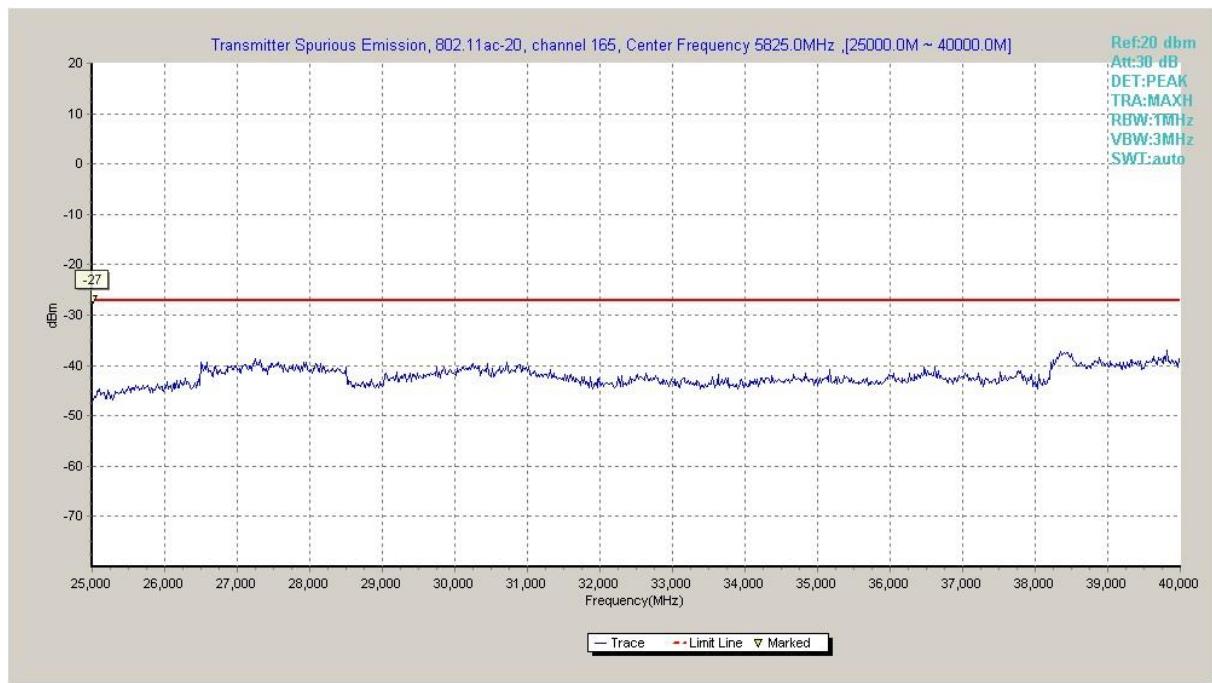


Fig. 50 Conducted Spurious Emission (802.11ac-HT20, Ch165, 25 GHz-40 GHz)

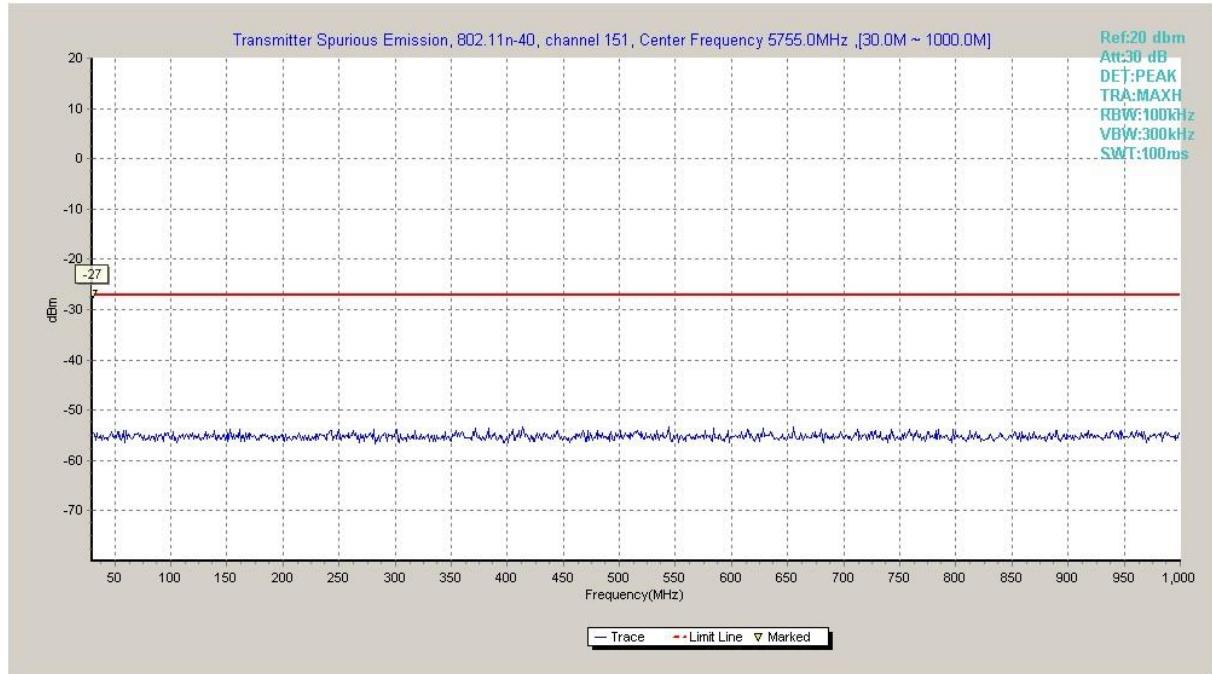


Fig. 51 Conducted Spurious Emission (802.11n-HT40, Ch151, 30 MHz-1 GHz)

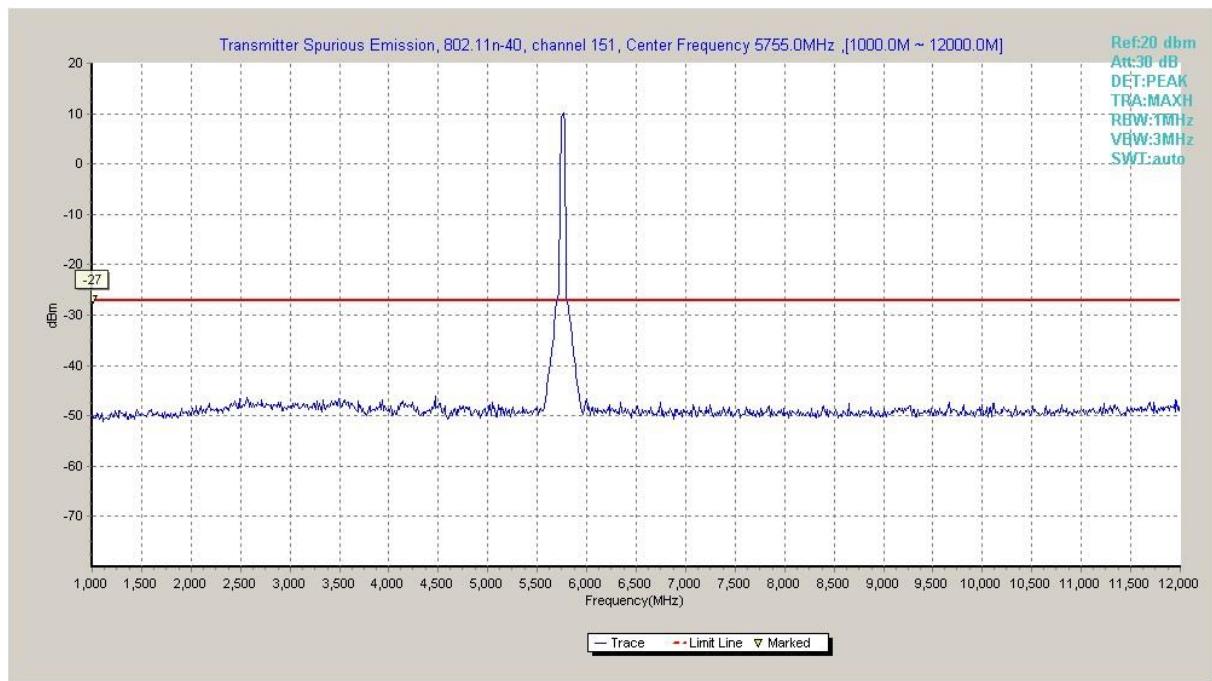


Fig. 52 Conducted Spurious Emission (802.11n-HT40, Ch151, 1 GHz -12 GHz)

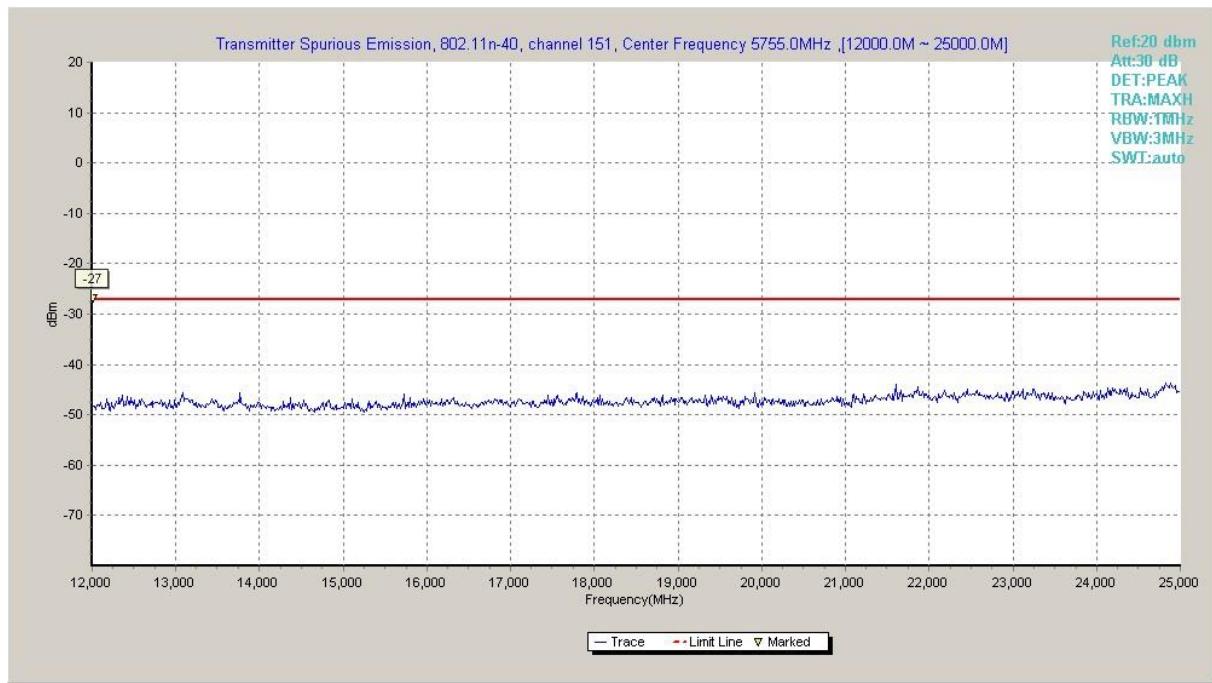


Fig. 53 Conducted Spurious Emission (802.11n-HT40, Ch151, 12 GHz-25 GHz)

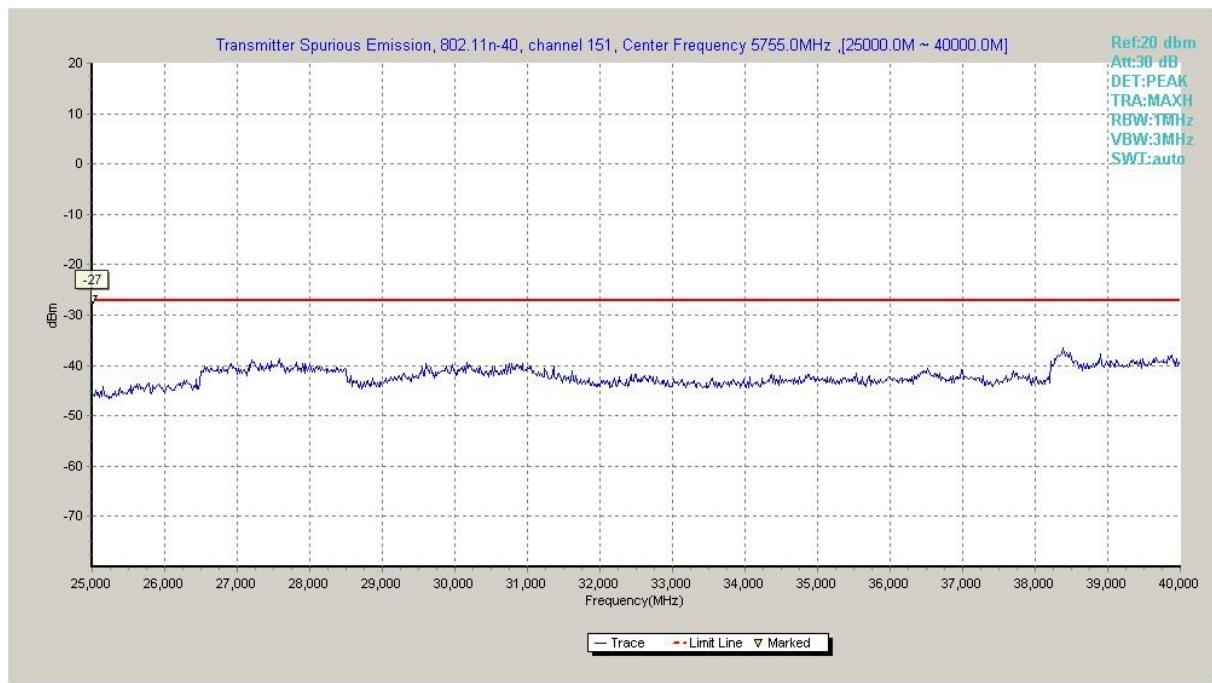


Fig. 54 Conducted Spurious Emission (802.11n-HT40, Ch151, 25 GHz-40 GHz)

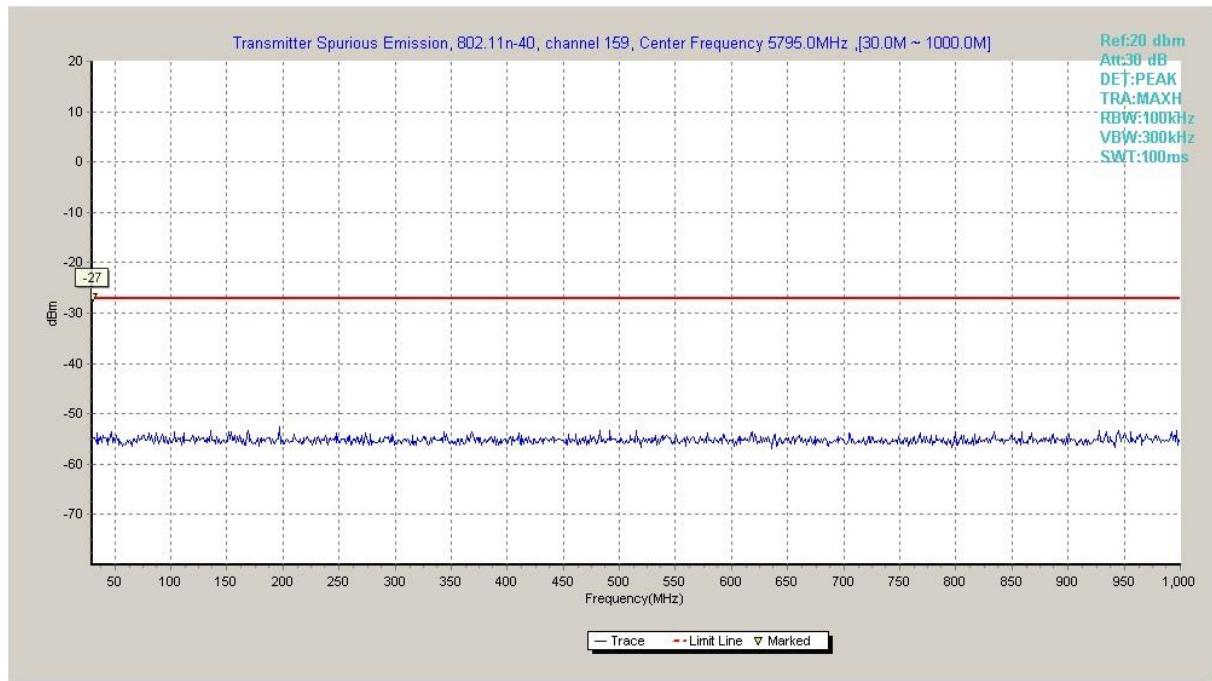


Fig. 55 Conducted Spurious Emission (802.11n-HT40, Ch159, 30 MHz-1 GHz)

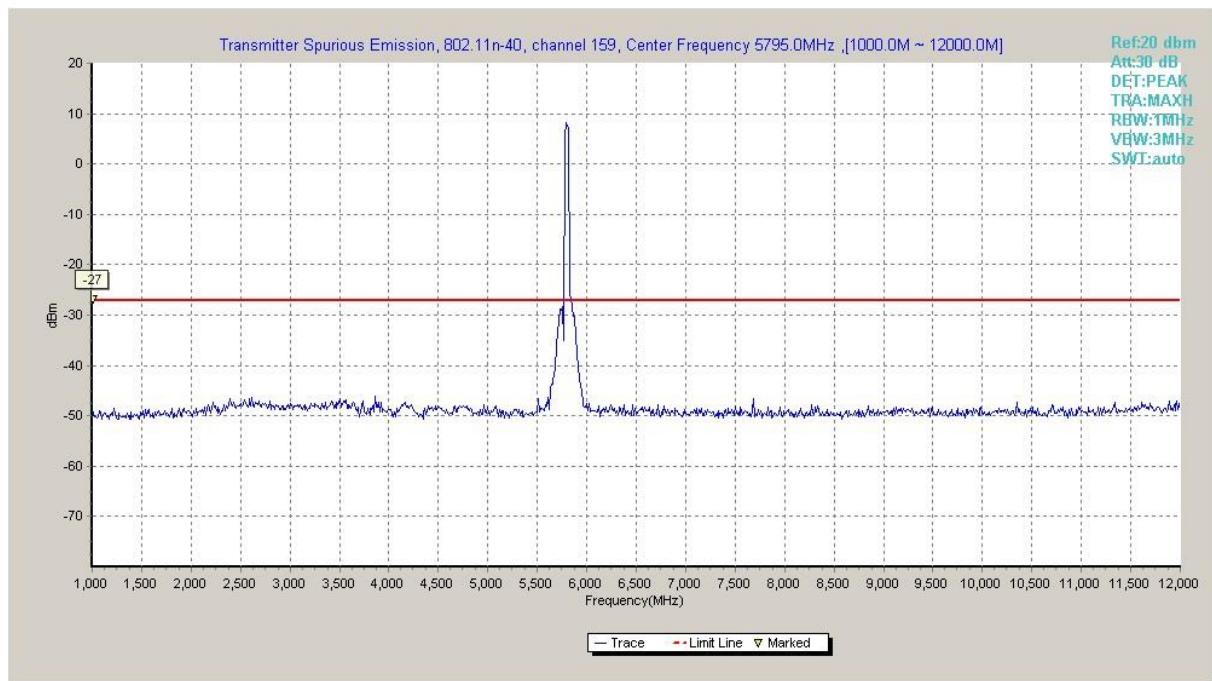


Fig. 56 Conducted Spurious Emission (802.11n-HT40, Ch159, 1 GHz -12 GHz)

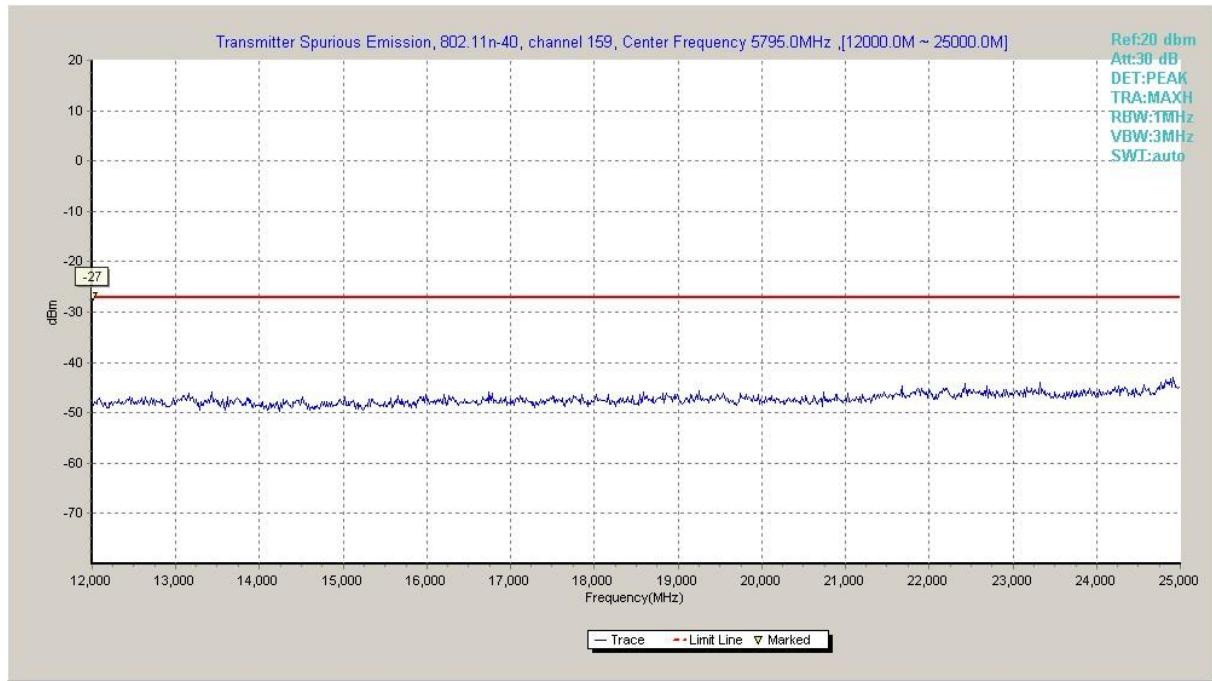


Fig. 57 Conducted Spurious Emission (802.11n-HT40, Ch159, 12 GHz-25 GHz)

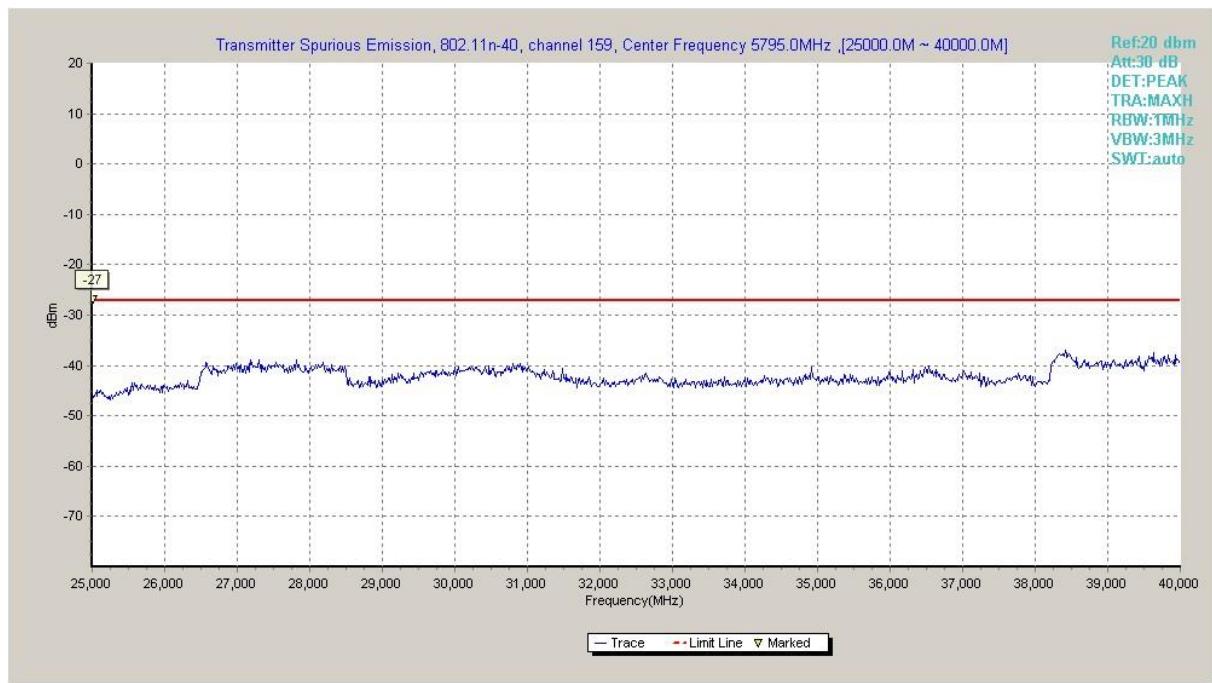


Fig. 58 Conducted Spurious Emission (802.11n-HT40, Ch159, 25 GHz-40 GHz)

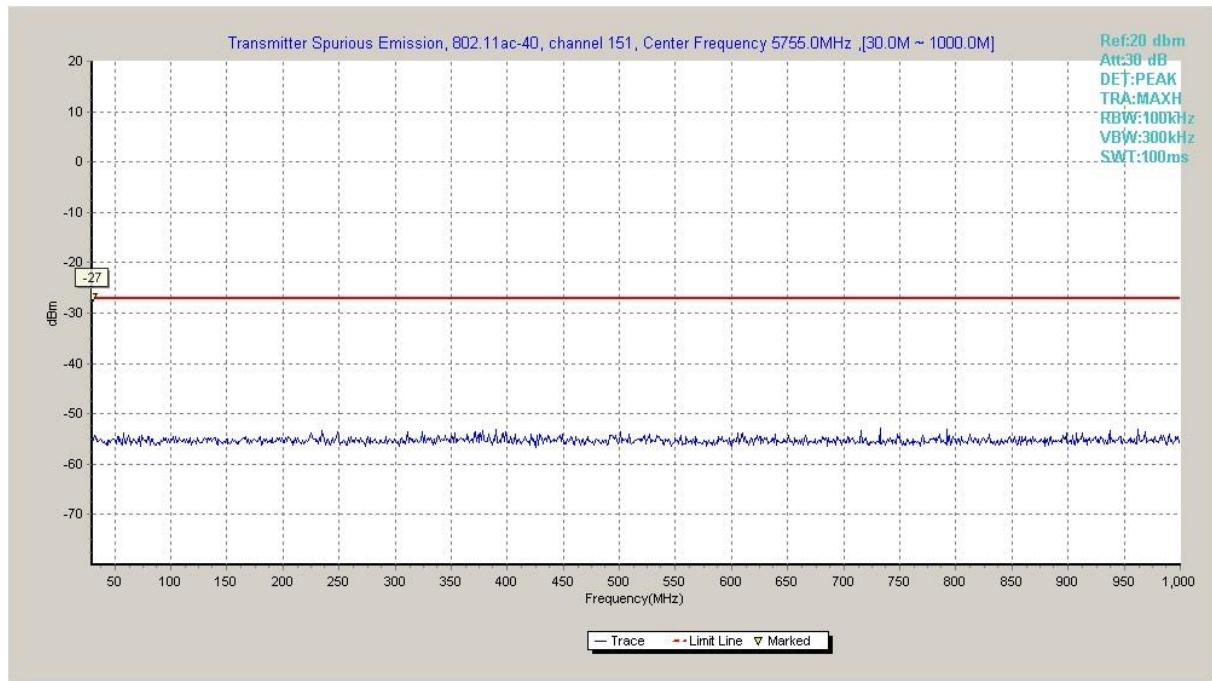


Fig. 59 Conducted Spurious Emission (802.11ac-HT40, Ch151, 30 MHz-1 GHz)

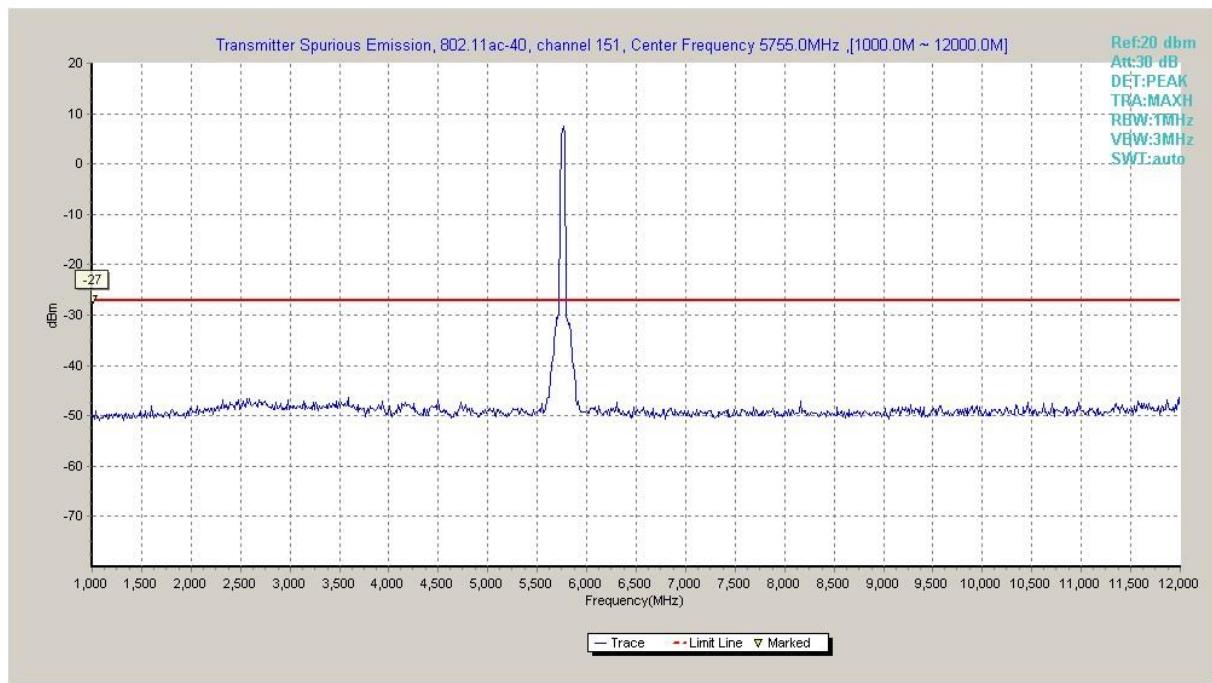


Fig. 60 Conducted Spurious Emission (802.11ac-HT40, Ch151, 1 GHz -12 GHz)

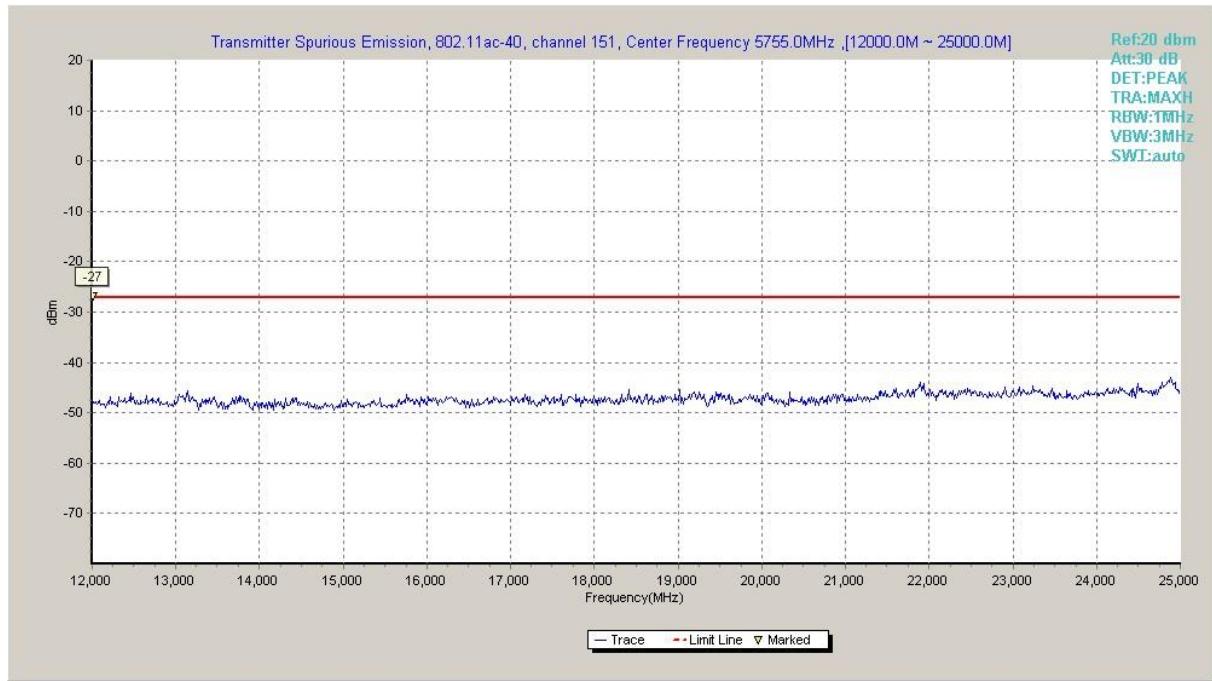


Fig. 61 Conducted Spurious Emission (802.11ac-HT40, Ch151, 12 GHz-25 GHz)

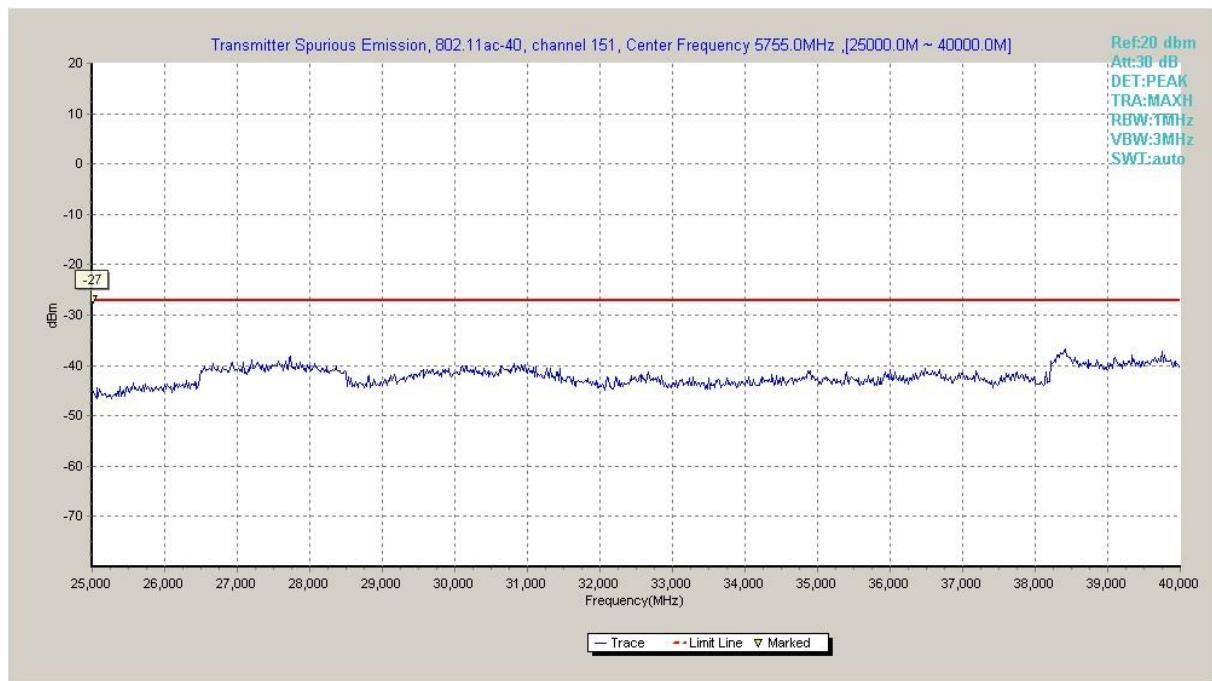


Fig. 62 Conducted Spurious Emission (802.11ac-HT40, Ch151, 25 GHz-40 GHz)

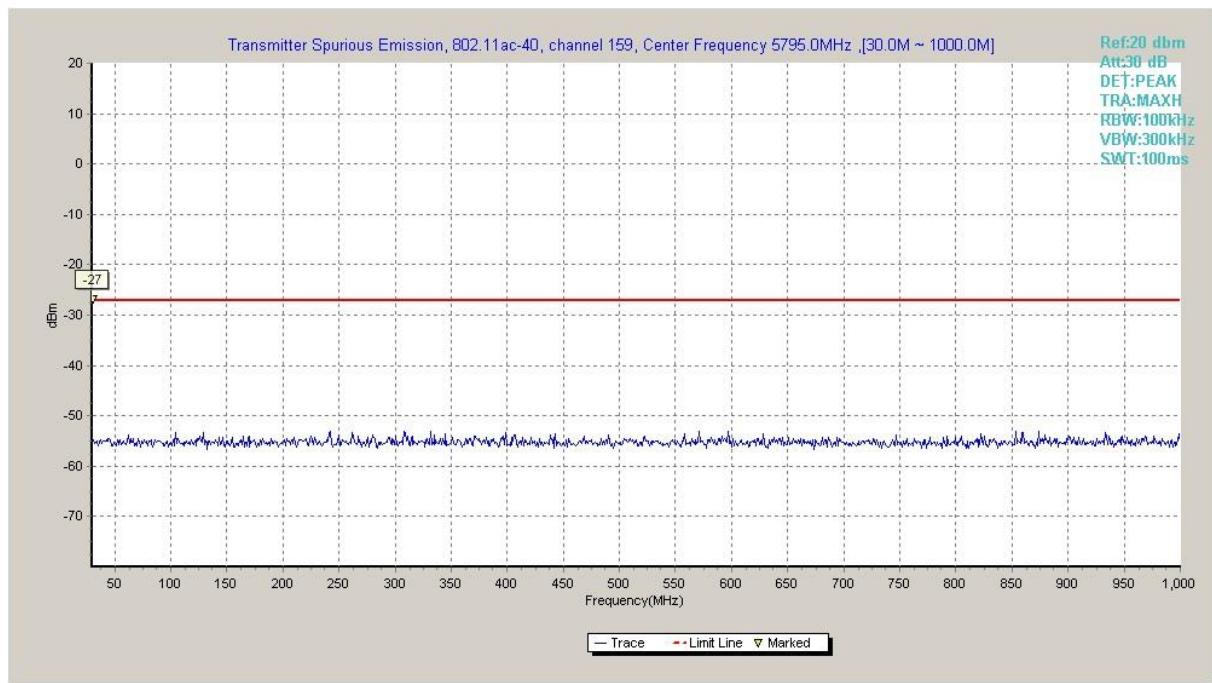


Fig. 63 Conducted Spurious Emission (802.11ac-HT40, Ch159, 30 MHz-1 GHz)

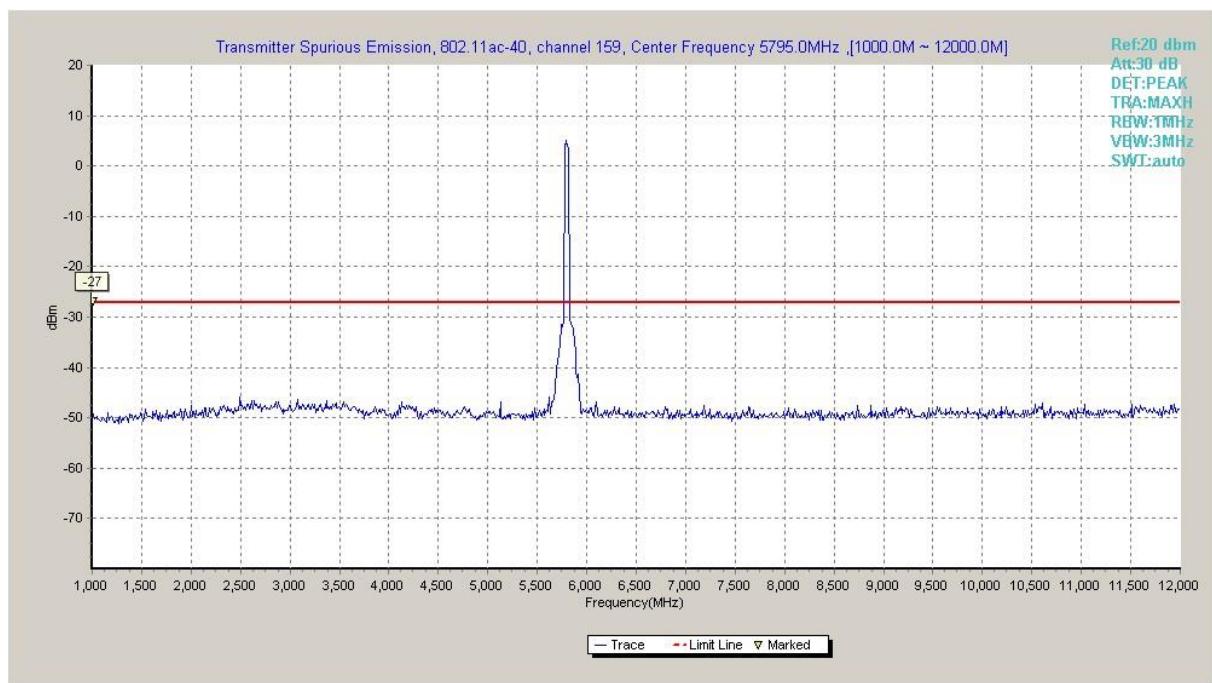


Fig. 64 Conducted Spurious Emission (802.11ac-HT40, Ch159, 1 GHz -12 GHz)

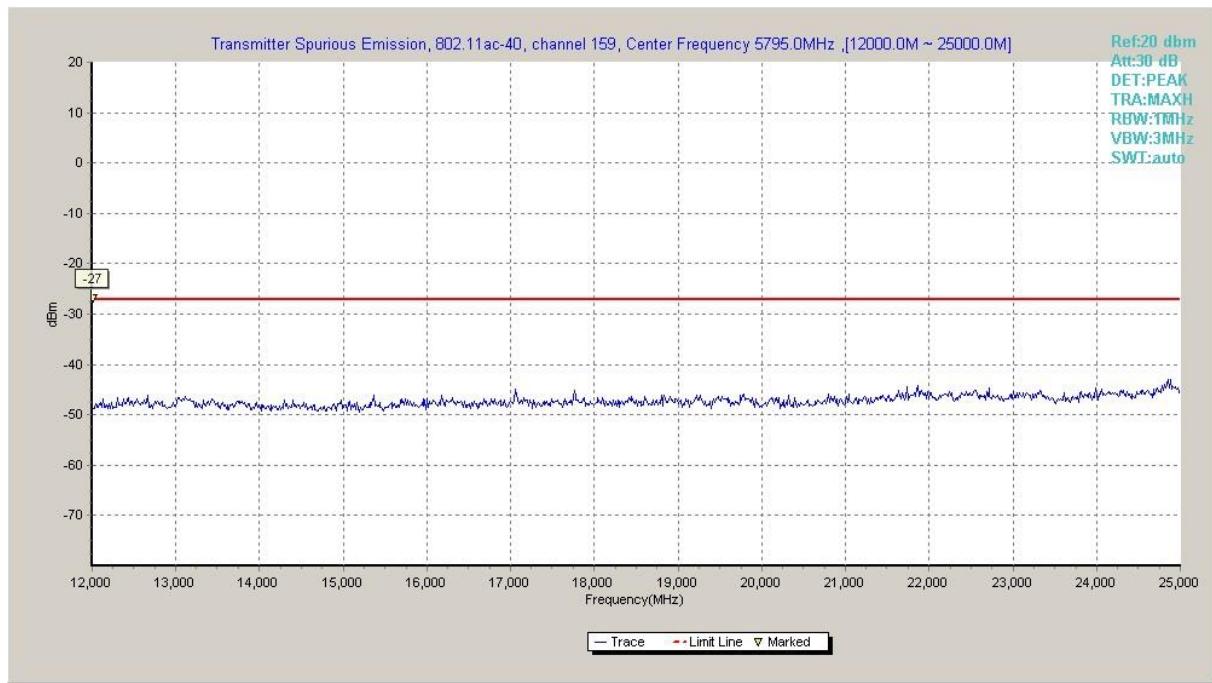


Fig. 65 Conducted Spurious Emission (802.11ac-HT40, Ch159, 12 GHz-25 GHz)

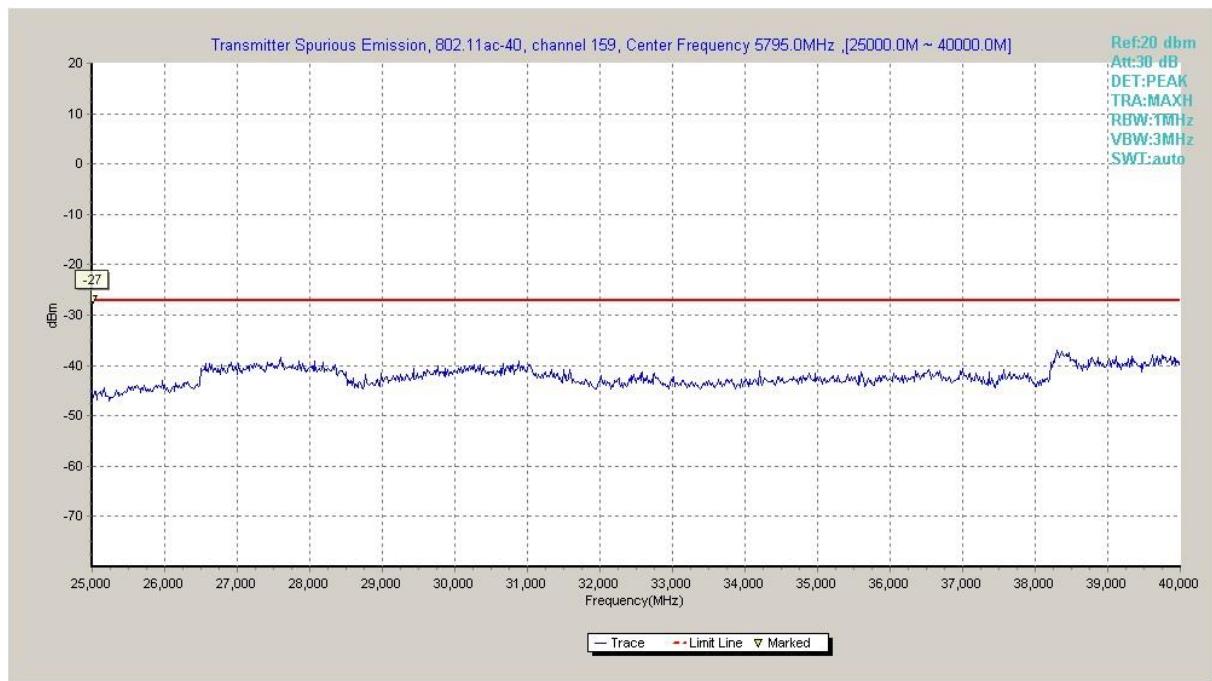


Fig. 66 Conducted Spurious Emission (802.11ac-HT40, Ch159, 25 GHz-40 GHz)

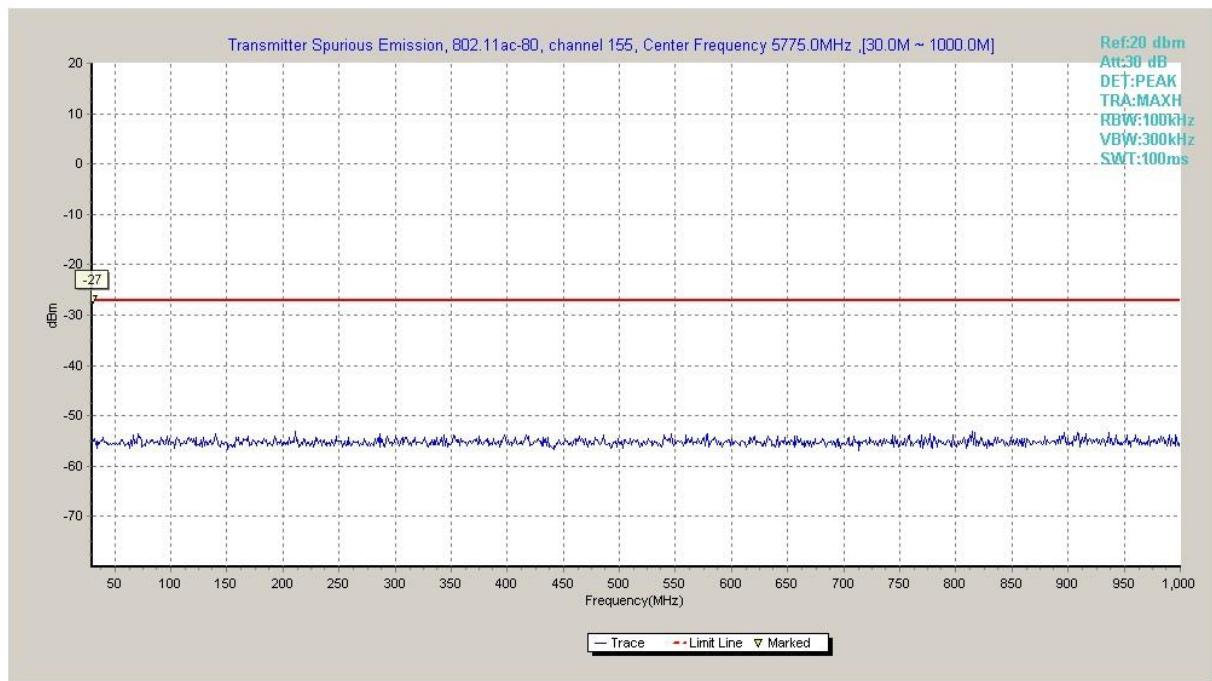


Fig. 67 Conducted Spurious Emission (802.11ac-HT80, Ch155, 30 MHz-1 GHz)

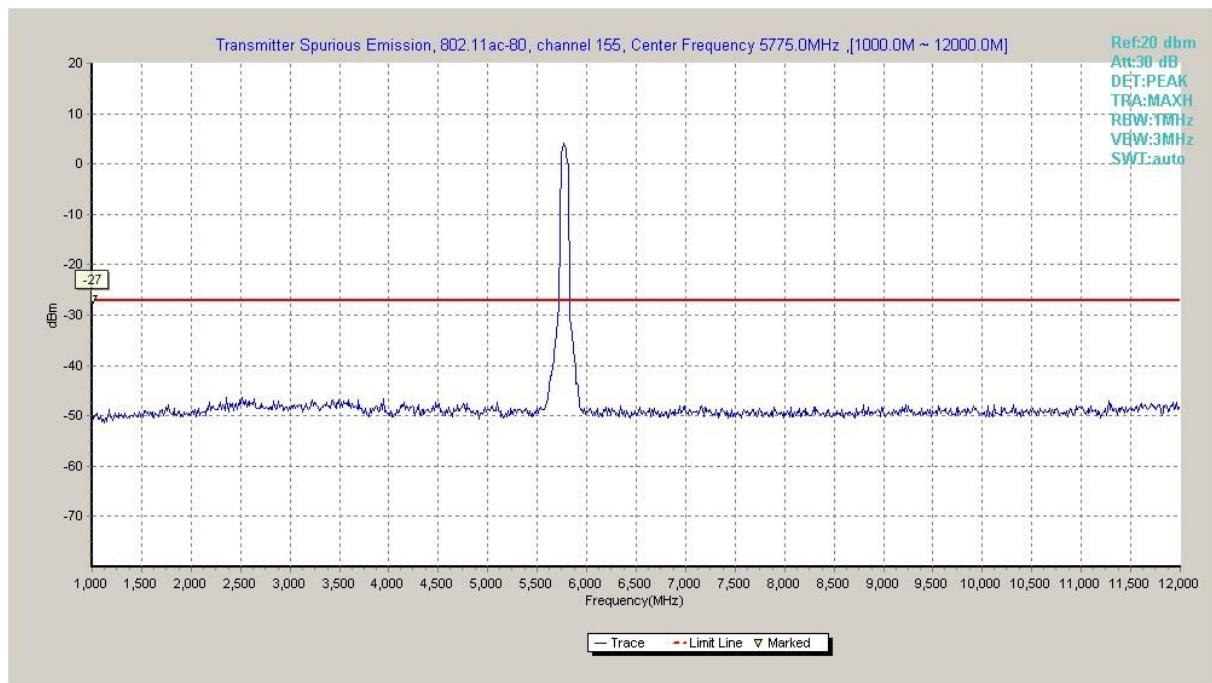


Fig. 68 Conducted Spurious Emission (802.11ac-HT80, Ch155, 1 GHz -12 GHz)

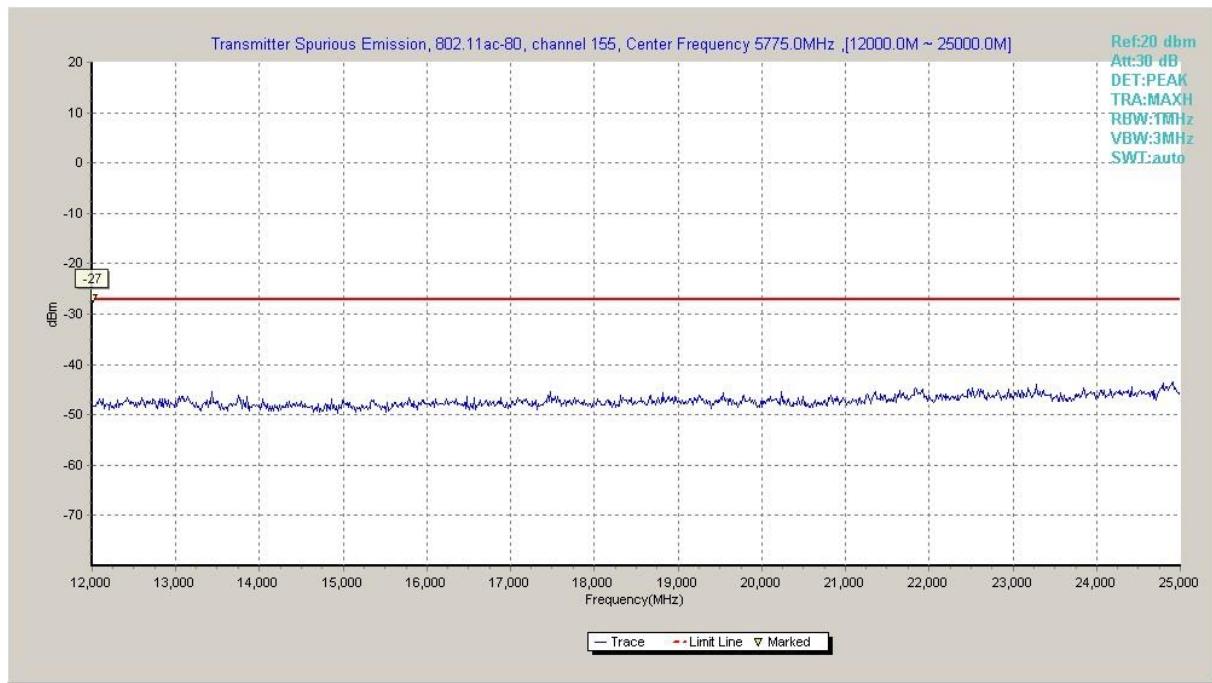


Fig. 69 Conducted Spurious Emission (802.11ac-HT80, Ch155, 12 GHz-25 GHz)

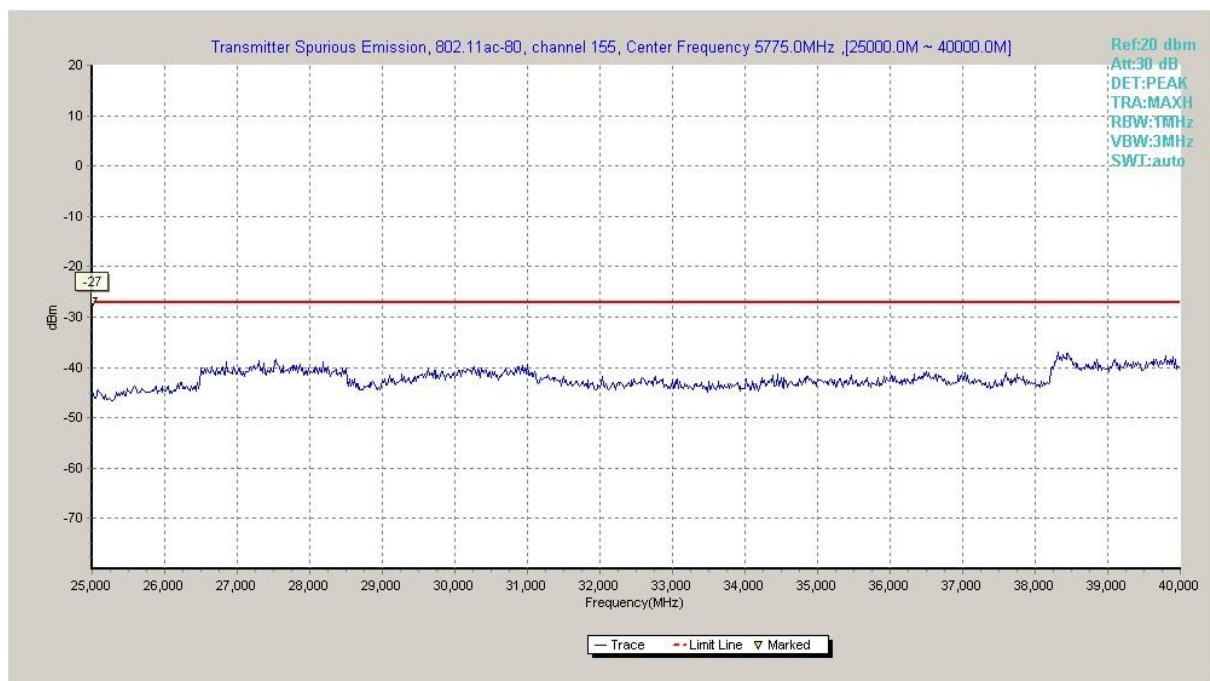


Fig. 70 Conducted Spurious Emission (802.11ac-HT80, Ch155, 25 GHz-40 GHz)

A.5.2 Transmitter Spurious Emission - Radiated

Measurement Limit:

Frequency Range	Uncertainty(dB)
$f \leq 1\text{GHz}$	3.9
$f > 1\text{GHz}$	4.3

Measurement Results:

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.

Average Results:

802.11a

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.000	50.3	-32.8	34.8	48.25	99.9	49.6	H
5724.800	52.0	-32.8	34.8	49.90	101.7	49.8	H
11490.400	33.5	-30.3	38.2	25.65	54.0	20.5	H
16950.400	38.3	-25.8	41.8	22.36	54.0	15.7	H
17235.200	37.4	-26.2	41.7	21.94	54.0	16.6	H
17638.400	38.6	-25.2	41.5	22.27	54.0	15.4	H

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5745.600	38.0	-32.7	34.9	35.85	54.0	16.0	H
5823.600	38.1	-32.0	35.0	35.08	54.0	15.9	H
11570.400	33.1	-30.5	38.3	25.25	54.0	20.9	H
17355.200	37.6	-26.1	41.6	22.04	54.0	16.4	H
17653.600	38.5	-25.3	41.5	22.26	54.0	15.5	H
17960.000	38.6	-25.1	41.4	22.36	54.0	15.4	H

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.000	40.8	-31.7	35.0	37.56	102.2	61.4	H
5852.000	39.7	-31.7	35.0	36.49	97.6	57.9	H
11650.400	33.2	-30.4	38.4	25.20	54.0	20.8	H
17475.200	37.7	-25.8	41.5	22.04	54.0	16.3	H
17653.600	38.5	-25.3	41.5	22.26	54.0	15.5	H
17968.000	38.7	-25.1	41.4	22.36	54.0	15.3	H

802.11n-HT20

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.000	47.6	-32.8	34.8	45.51	99.9	52.3	H
5724.800	49.1	-32.8	34.8	47.02	101.7	52.7	H
11490.400	33.6	-30.3	38.2	25.74	54.0	20.4	H
16944.000	38.3	-25.8	41.8	22.34	54.0	15.7	H
17235.200	37.4	-26.2	41.7	21.97	54.0	16.6	H
17627.200	38.5	-25.2	41.5	22.17	54.0	15.5	H

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5735.200	38.0	-32.8	34.8	35.91	54.0	16.0	H
5823.600	38.2	-32.0	35.0	35.25	54.0	15.8	H
11570.400	33.2	-30.5	38.3	25.33	54.0	20.8	H
17355.200	37.6	-26.1	41.6	22.11	54.0	16.4	H
17652.800	38.5	-25.3	41.5	22.29	54.0	15.5	H
17954.400	38.7	-25.2	41.4	22.51	54.0	15.3	H

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.000	39.5	-31.7	35.0	36.27	102.2	62.7	H
5850.800	38.7	-31.7	35.0	35.44	100.4	61.7	H
11650.400	33.4	-30.4	38.4	25.33	54.0	20.6	H
17475.200	37.8	-25.8	41.5	22.08	54.0	16.2	H
17672.000	38.3	-25.4	41.5	22.21	54.0	15.7	H
17972.000	38.7	-25.1	41.4	22.34	54.0	15.3	H

802.11n-HT40

Ch151

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.000	52.5	-32.8	34.8	50.47	99.9	47.4	H
5724.800	52.6	-32.8	34.8	50.54	101.7	49.1	H
11510.400	33.6	-30.3	38.2	25.73	54.0	20.4	H
16944.800	38.3	-25.8	41.8	22.34	54.0	15.7	H
17264.800	37.7	-26.2	41.6	22.22	54.0	16.3	H
17650.400	38.5	-25.3	41.5	22.24	54.0	15.5	H

Ch159

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.000	38.3	-31.7	35.0	35.02	102.2	63.9	H
5857.200	38.0	-31.7	35.0	34.70	90.2	52.2	H
11590.400	32.9	-30.5	38.3	25.04	54.0	21.1	H
17384.800	37.8	-26.0	41.6	22.22	54.0	16.2	H
17652.800	38.5	-25.3	41.5	22.25	54.0	15.5	H
17972.800	38.6	-25.1	41.4	22.26	54.0	15.4	H

802.11ac-HT20

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.000	40.1	-32.8	34.8	38.07	99.9	59.8	H
5724.800	41.0	-32.8	34.8	38.98	101.7	60.7	H
11490.400	33.6	-30.3	38.2	25.70	54.0	20.4	H
16940.000	38.4	-25.8	41.8	22.43	54.0	15.6	H
17235.200	37.4	-26.2	41.7	21.89	54.0	16.6	H
17622.400	38.5	-25.2	41.5	22.21	54.0	15.5	H

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5748.800	37.6	-32.7	34.9	35.38	54.0	16.4	H
5823.600	37.7	-32.0	35.0	34.69	54.0	16.3	H
11570.400	33.2	-30.5	38.3	25.35	54.0	20.8	H
17355.200	38.5	-26.1	41.6	22.95	54.0	15.5	H
17654.400	37.6	-25.3	41.5	21.39	54.0	16.4	H
17955.200	38.7	-25.2	41.4	22.51	54.0	15.3	H

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.000	37.6	-31.7	35.0	34.31	102.2	64.6	H
5854.400	37.4	-31.7	35.0	34.19	92.2	54.7	H
11650.400	33.3	-30.4	38.4	25.27	54.0	20.7	H
17475.200	37.7	-25.8	41.5	22.04	54.0	16.3	H
17671.200	38.3	-25.4	41.5	22.23	54.0	15.7	H
17972.800	38.6	-25.1	41.4	22.28	54.0	15.4	H

802.11ac-HT40

Ch151

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.800	42.9	-32.8	34.8	40.88	101.7	58.8	H
5722.000	42.3	-32.7	34.8	40.26	95.4	53.0	H
11510.400	33.7	-30.3	38.2	25.78	54.0	20.3	H
16936.000	38.4	-25.8	41.8	22.43	54.0	15.6	H
17264.800	37.7	-26.2	41.6	22.22	54.0	16.3	H
17640.000	38.5	-25.2	41.5	22.21	54.0	15.5	H

Ch159

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.000	38.1	-31.7	35.0	34.81	102.2	64.1	H
5855.200	38.0	-31.7	35.0	34.75	90.7	52.7	H
11590.400	32.8	-30.5	38.3	24.99	54.0	21.2	H
17384.800	37.6	-26.0	41.6	22.10	54.0	16.4	H
17658.400	38.4	-25.3	41.5	22.26	54.0	15.6	H
17957.600	38.8	-25.2	41.4	22.55	54.0	15.2	H

802.11ac-HT80

Ch155

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5720.000	39.8	-32.7	34.8	37.72	90.8	51.0	H
5724.000	39.9	-32.8	34.8	37.82	99.9	60.0	H
11550.400	33.6	-30.4	38.3	25.71	54.0	20.4	H
16941.600	38.2	-25.8	41.8	22.20	54.0	15.8	H
17324.800	37.5	-26.1	41.6	22.06	54.0	16.5	H
17655.200	38.5	-25.3	41.5	22.27	54.0	15.5	H

Peak Results:
802.11a

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.302	70.2	-32.8	34.8	68.13	120.6	50.4	H
5724.992	69.3	-32.8	34.8	67.27	122.2	52.9	H
11490.200	47.6	-30.3	38.2	39.67	74.0	26.4	H
16884.050	55.8	-25.9	41.7	39.96	74.0	18.2	V
17234.950	52.5	-26.2	41.7	37.06	74.0	21.5	V
17507.750	55.8	-25.7	41.5	39.98	74.0	18.2	V

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5741.000	52.6	-32.7	34.8	50.49	74.0	21.4	V
5827.200	49.5	-31.9	35.0	46.50	74.0	24.5	H
11569.950	45.9	-30.5	38.3	38.03	74.0	28.1	V
17034.200	56.0	-26.0	41.8	40.21	74.0	18.0	V
17354.850	52.7	-26.1	41.6	37.20	74.0	21.3	H
17618.850	56.0	-25.2	41.5	39.75	74.0	18.0	V

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.653	56.9	-31.7	35.0	53.65	120.7	63.8	H
5856.966	66.9	-31.7	35.0	63.66	110.2	43.3	H
11650.250	46.7	-30.4	38.4	38.66	74.0	27.3	H
17425.250	56.3	-26.0	41.5	40.76	74.0	17.7	V
17474.750	53.7	-25.8	41.5	38.04	74.0	20.3	H
17638.650	55.5	-25.2	41.5	39.20	74.0	18.5	H

802.11n-HT20

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.106	65.3	-32.8	34.8	63.19	120.2	54.9	H
5724.371	65.6	-32.8	34.8	63.51	120.8	55.2	H
11490.200	45.5	-30.3	38.2	37.57	74.0	28.5	H
16503.450	55.5	-25.8	41.5	39.75	74.0	18.5	H
17234.950	52.6	-26.2	41.7	37.09	74.0	21.4	H
17956.550	55.4	-25.2	41.4	39.11	74.0	18.6	V

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5717.600	52.6	-32.7	34.8	50.42	74.0	21.4	H
5844.600	53.2	-31.7	35.0	49.92	74.0	20.8	H
11569.950	46.3	-30.5	38.3	38.45	74.0	27.7	V
17061.700	55.7	-26.1	41.8	39.96	74.0	18.3	V
17354.850	52.0	-26.1	41.6	36.52	74.0	22.0	H
17587.500	55.6	-25.4	41.5	39.46	74.0	18.4	H

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5853.217	56.1	-31.7	35.0	52.89	114.9	58.7	H
5856.518	56.0	-31.7	35.0	52.75	110.4	54.4	H
11650.250	45.7	-30.4	38.4	37.70	74.0	28.3	V
16749.300	55.1	-25.9	41.7	39.38	74.0	18.9	H
17474.750	52.7	-25.8	41.5	37.04	74.0	21.3	V
17956.000	56.1	-25.2	41.4	39.86	74.0	17.9	H

802.11n-HT40

Ch151

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5723.784	68.4	-32.8	34.8	66.29	119.4	51.1	H
5724.785	69.0	-32.8	34.8	66.94	121.7	52.7	V
11510.000	46.6	-30.3	38.2	38.69	74.0	27.4	H
16531.500	55.1	-25.8	41.5	39.38	74.0	18.9	V
17265.200	52.0	-26.2	41.6	36.53	74.0	22.0	V
17965.900	55.6	-25.1	41.4	39.26	74.0	18.4	V

Ch159

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5852.562	58.1	-31.7	35.0	54.86	116.4	58.2	H
5854.390	57.2	-31.7	35.0	53.91	112.2	55.0	V
11589.750	45.7	-30.5	38.3	37.88	74.0	28.3	V
16682.750	56.0	-25.9	41.6	40.33	74.0	18.0	V
16837.850	55.5	-25.9	41.7	39.68	74.0	18.5	V
17385.100	52.4	-26.0	41.6	36.83	74.0	21.6	V

802.11ac-HT20

Ch149

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5706.511	60.7	-32.5	34.8	58.45	107.0	46.3	H
5724.957	58.9	-32.8	34.8	56.89	122.1	63.2	H
11490.200	46.5	-30.3	38.2	38.56	74.0	27.5	V
16945.650	55.6	-25.8	41.8	39.66	74.0	18.4	H
17234.950	52.2	-26.2	41.7	36.73	74.0	21.8	V
17529.750	56.0	-25.6	41.5	40.08	74.0	18.0	H

Ch157

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5724.200	52.6	-32.8	34.8	50.52	74.0	21.4	H
5836.200	52.5	-31.8	35.0	49.36	74.0	21.5	H
11569.950	45.7	-30.5	38.3	37.89	74.0	28.3	H
17035.850	55.6	-26.0	41.8	39.82	74.0	18.4	V
17354.850	52.1	-26.1	41.6	36.61	74.0	21.9	V
17788.250	55.6	-25.9	41.4	40.07	74.0	18.4	H

Ch165

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.595	53.8	-31.7	35.0	50.51	120.8	67.1	V
5851.987	54.0	-31.7	35.0	50.70	117.7	63.7	H
11650.250	47.0	-30.4	38.4	39.00	74.0	27.0	V
16879.100	55.4	-25.9	41.7	39.57	74.0	18.6	H
17474.750	52.9	-25.8	41.5	37.25	74.0	21.1	H
17685.400	55.5	-25.4	41.5	39.48	74.0	18.5	V

802.11ac-HT40

Ch151

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5692.079	58.4	-32.3	34.8	55.94	99.3	40.9	H
5722.370	58.4	-32.7	34.8	56.35	116.2	57.8	H
11510.000	46.4	-30.3	38.2	38.55	74.0	27.6	V
16907.150	56.3	-25.8	41.7	40.37	74.0	17.7	V
17265.200	52.9	-26.2	41.6	37.42	74.0	21.1	V
17985.700	55.8	-25.0	41.4	39.39	74.0	18.2	V

Ch159

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5850.066	58.3	-31.7	35.0	55.07	122.0	63.7	H
5851.136	58.7	-31.7	35.0	55.48	119.6	60.9	H
11589.750	46.9	-30.5	38.3	39.06	74.0	27.1	H
16864.250	55.6	-25.9	41.7	39.78	74.0	18.4	V
17385.100	52.2	-26.0	41.6	36.69	74.0	21.8	V
17963.150	55.9	-25.1	41.4	39.60	74.0	18.1	V

802.11ac-HT80

Ch155

Frequency (MHz)	Meas. Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5721.473	58.3	-32.7	34.8	56.20	114.2	55.9	H
5723.405	57.9	-32.7	34.8	55.82	118.6	60.7	H
11550.150	47.2	-30.4	38.3	39.32	74.0	26.8	V
16852.700	55.3	-25.9	41.7	39.49	74.0	18.7	V
17325.150	52.1	-26.1	41.6	36.62	74.0	21.9	V
17987.900	55.7	-25.0	41.4	39.26	74.0	18.3	V

Conclusion: PASS

A.6. Band Edges Compliance

A6.1 Band Edges - conducted

Measurement Limit:

Standard	Limit (dBm/MHz)
FCC 47 CFR Part 15.407(b)(4)	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The measurement is made according to KDB 789033 D02

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
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Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5745 MHz	Fig.71	P
	5825 MHz	Fig.72	P
802.11n HT20	5745 MHz	Fig.73	P
	5825 MHz	Fig.74	P
802.11ac HT20	5745 MHz	Fig.75	P
	5825 MHz	Fig.76	P
802.11n HT40	5755 MHz	Fig.77	P
	5795 MHz	Fig.78	P
802.11ac HT40	5755 MHz	Fig.79	P
	5795 MHz	Fig.80	P
802.11ac HT80	5775 MHz	Fig.81	P
	5775 MHz	Fig.82	P

Conclusion: PASS

Test graphs as below:

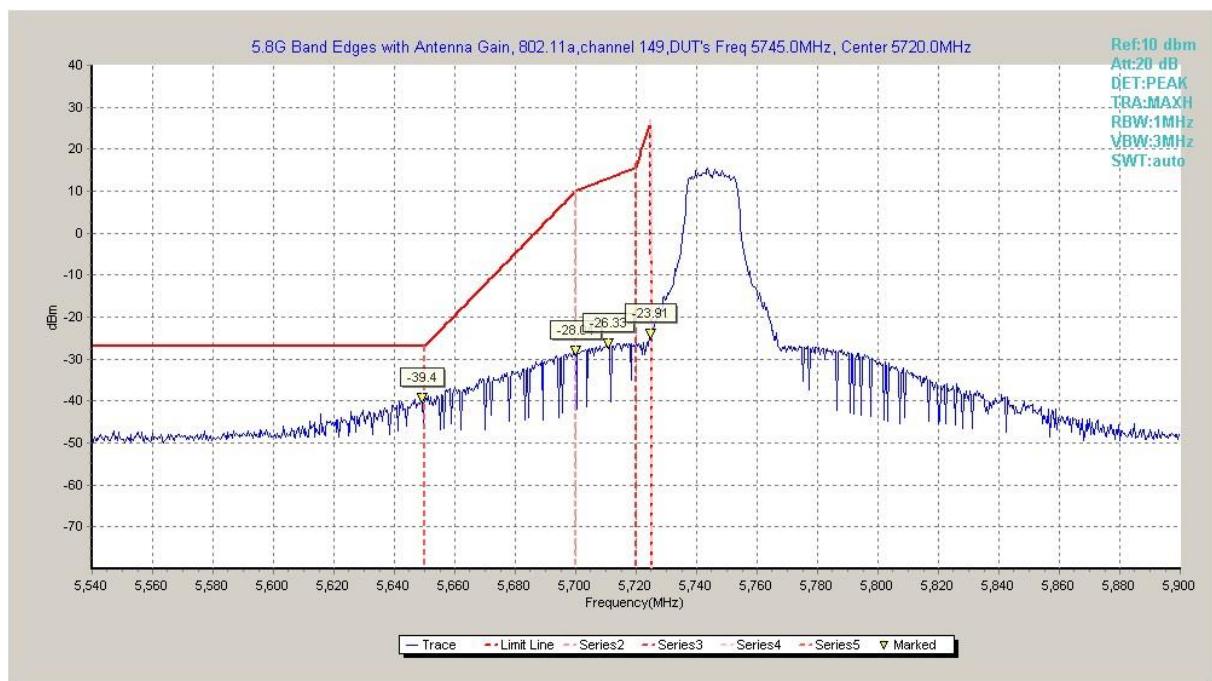


Fig. 71 Band Edges (802.11a, 5745MHz)

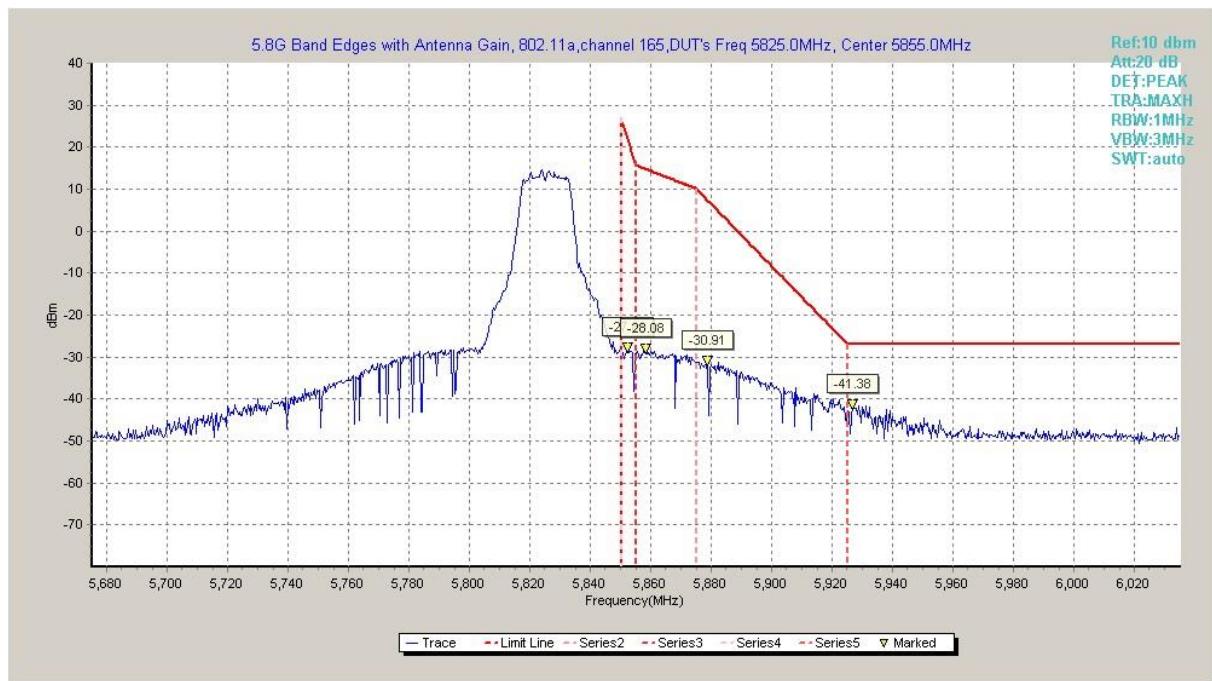


Fig. 72 Band Edges (802.11a, 5825MHz)

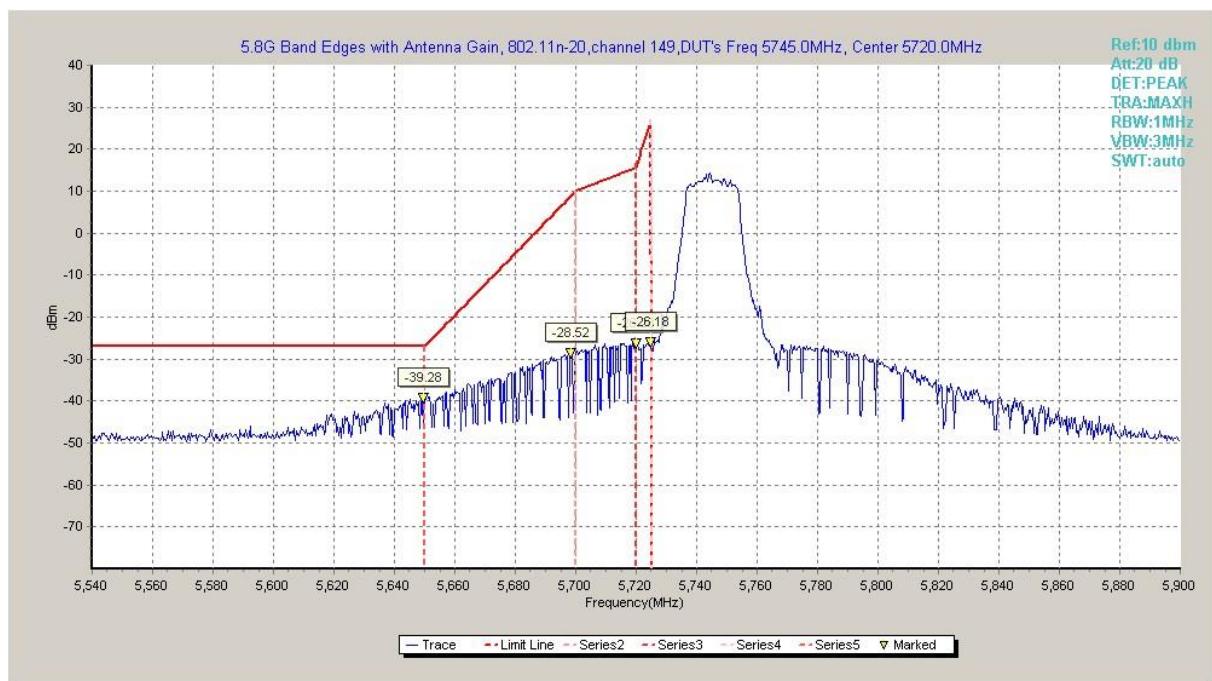


Fig. 73 Band Edges (802.11n-HT20, 5745MHz)

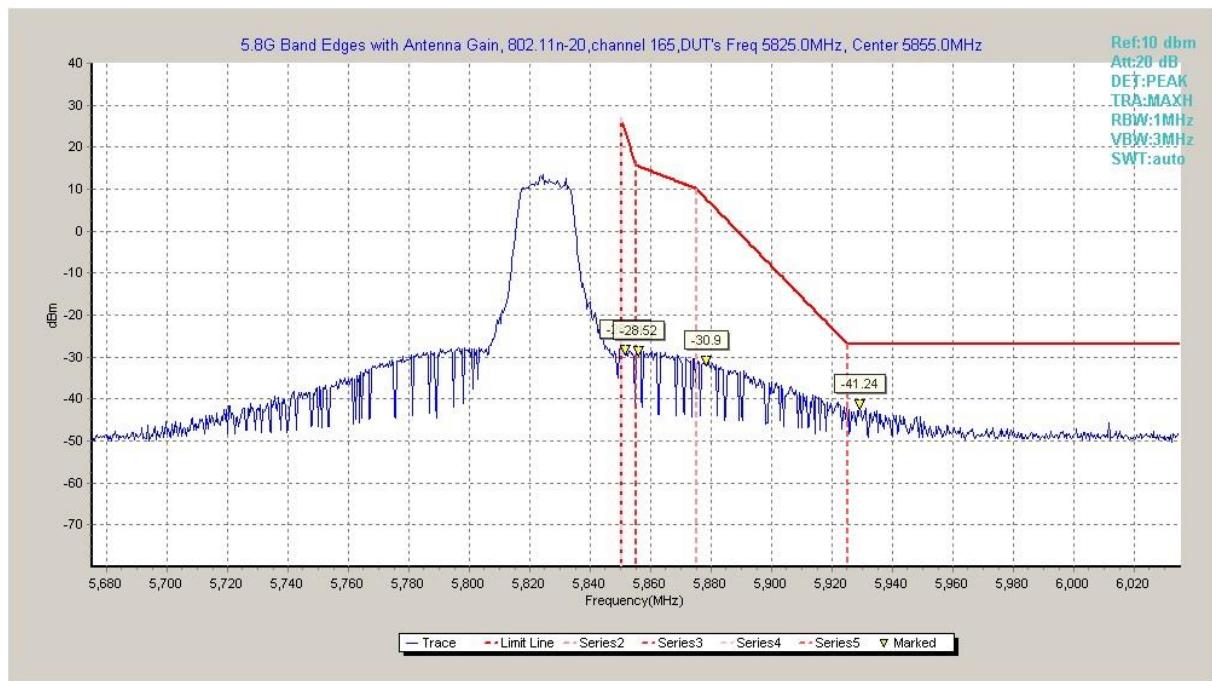


Fig. 74 Band Edges (802.11n-HT20, 5825MHz)

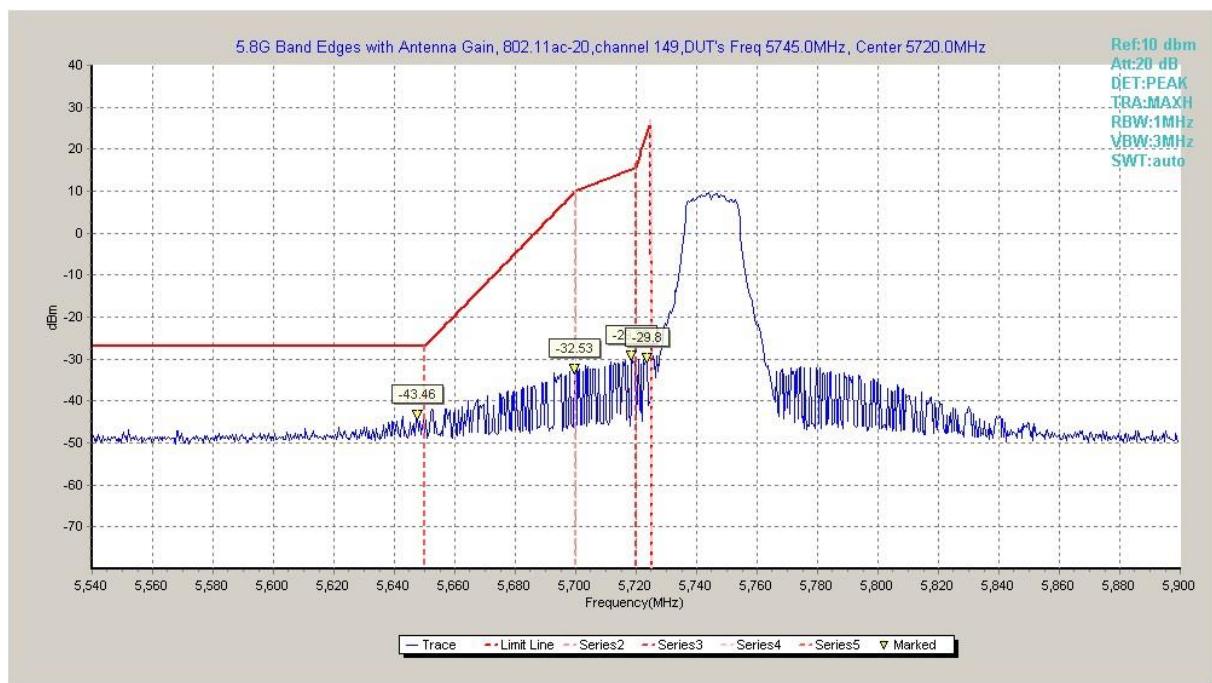


Fig. 75 Band Edges (802.11ac-HT20, 5745MHz)

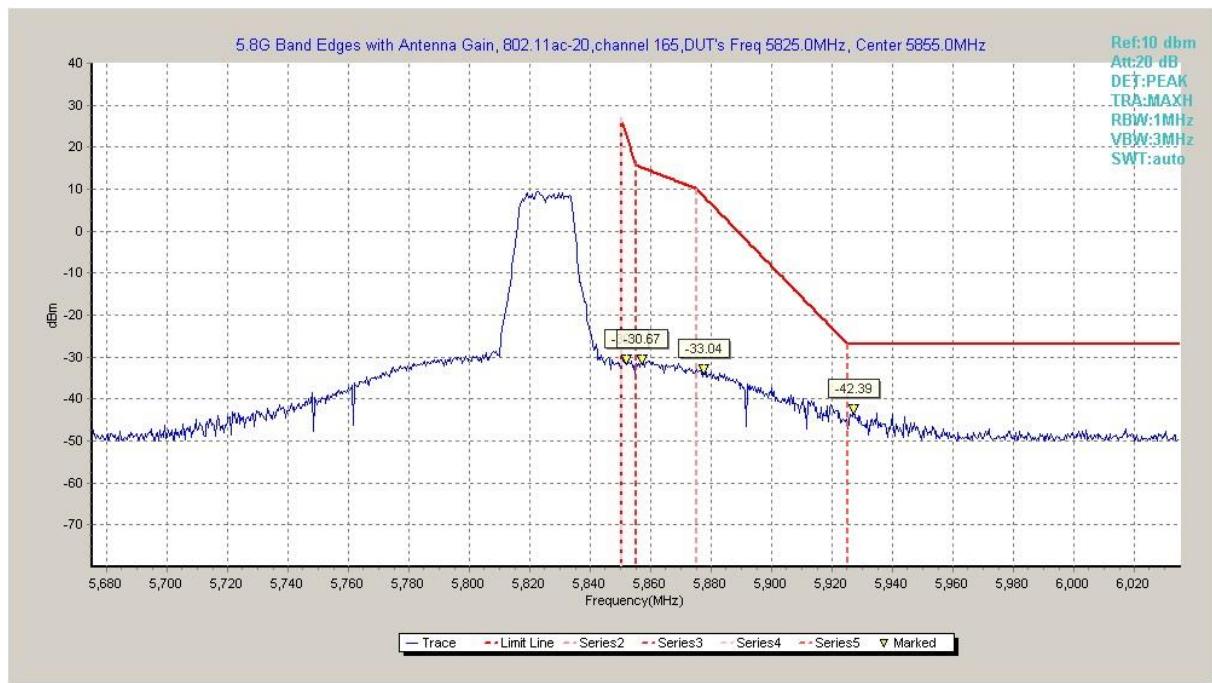


Fig. 76 Band Edges (802.11ac-HT20, 5825MHz)

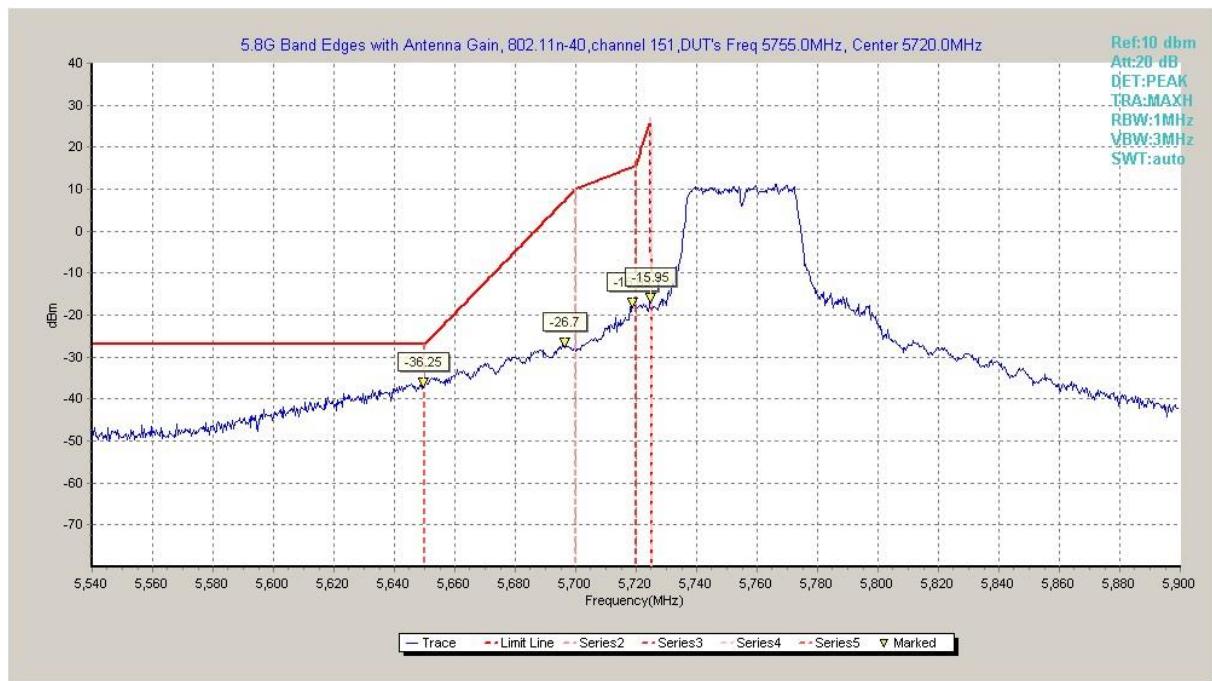


Fig. 77 Band Edges (802.11n-HT40, 5755MHz)

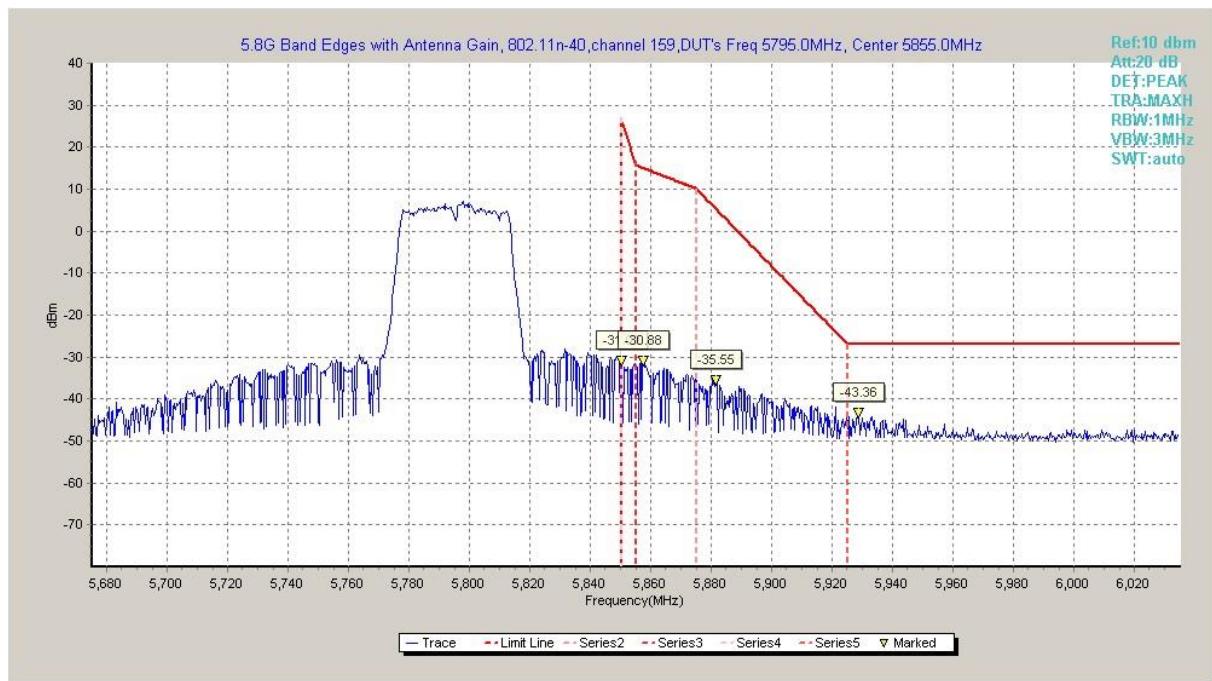


Fig. 78 Band Edges (802.11n-HT40, 5795MHz)

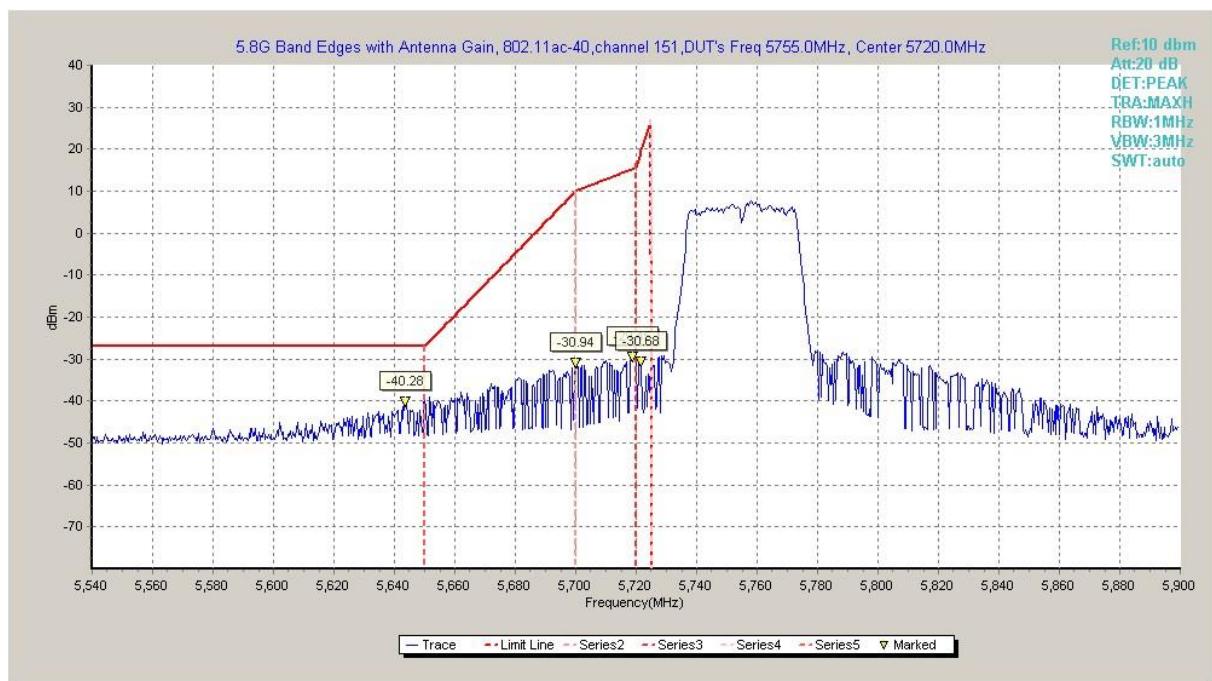


Fig. 79 Band Edges (802.11ac-HT40, 5755MHz)

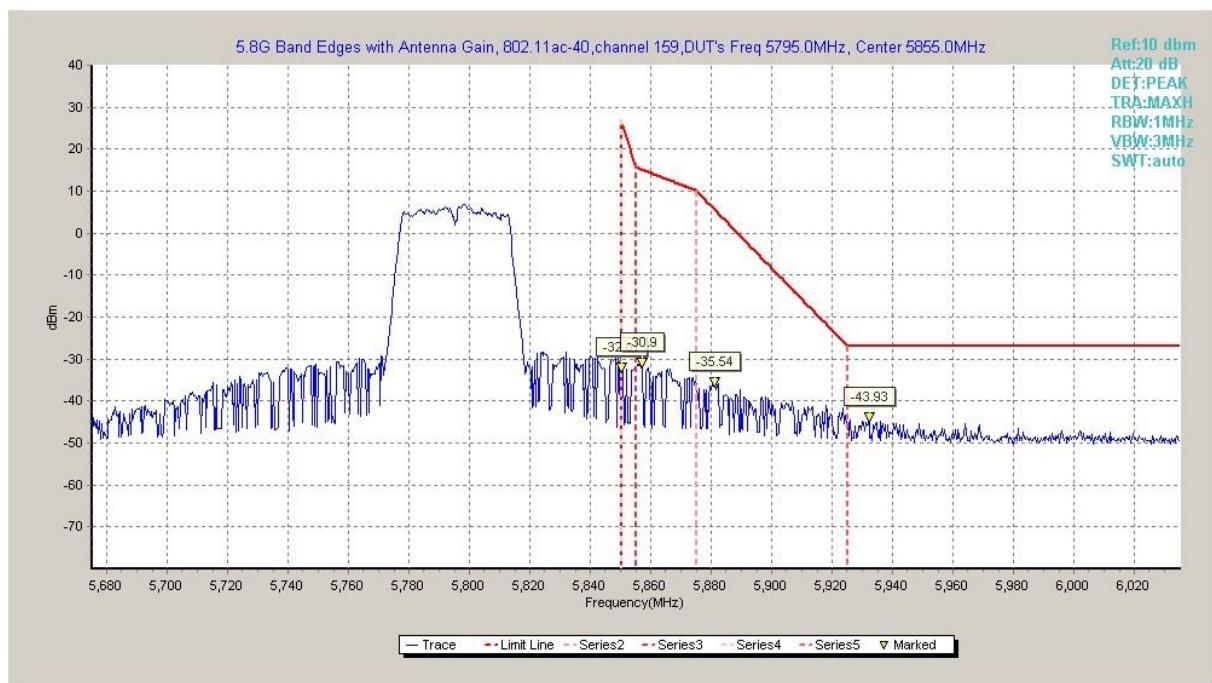


Fig. 80 Band Edges (802.11ac-HT40, 5795MHz)

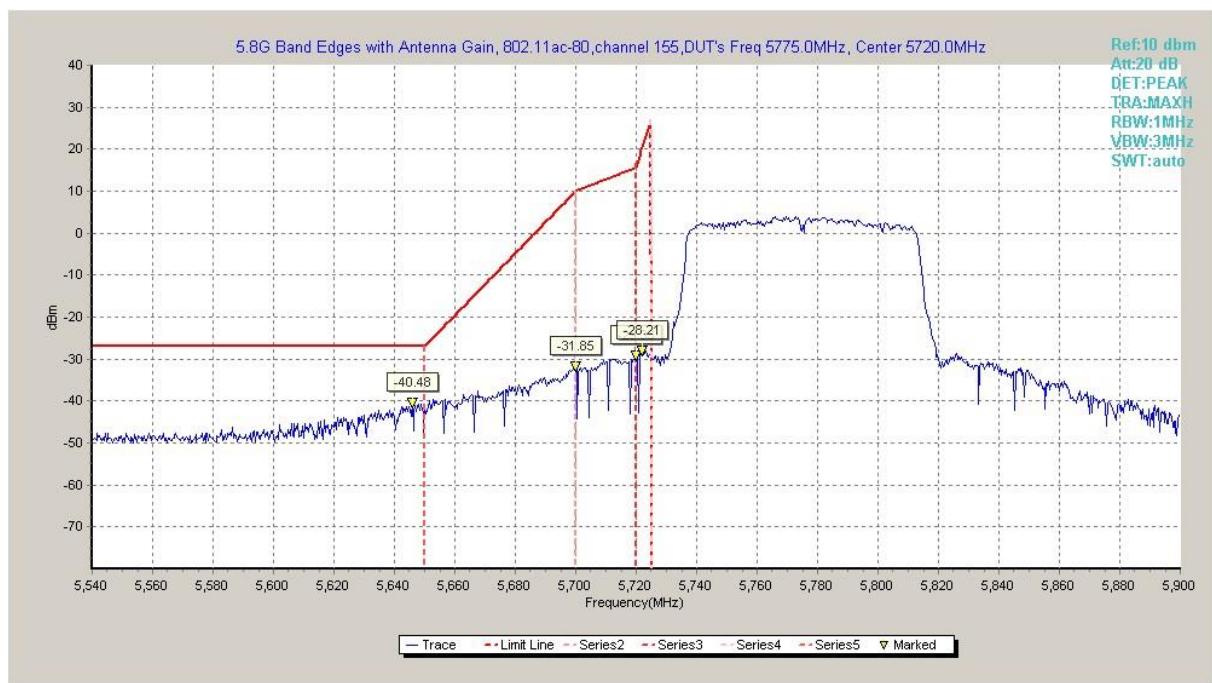


Fig. 81 Band Edges (802.11ac-HT80, 5775MHz)

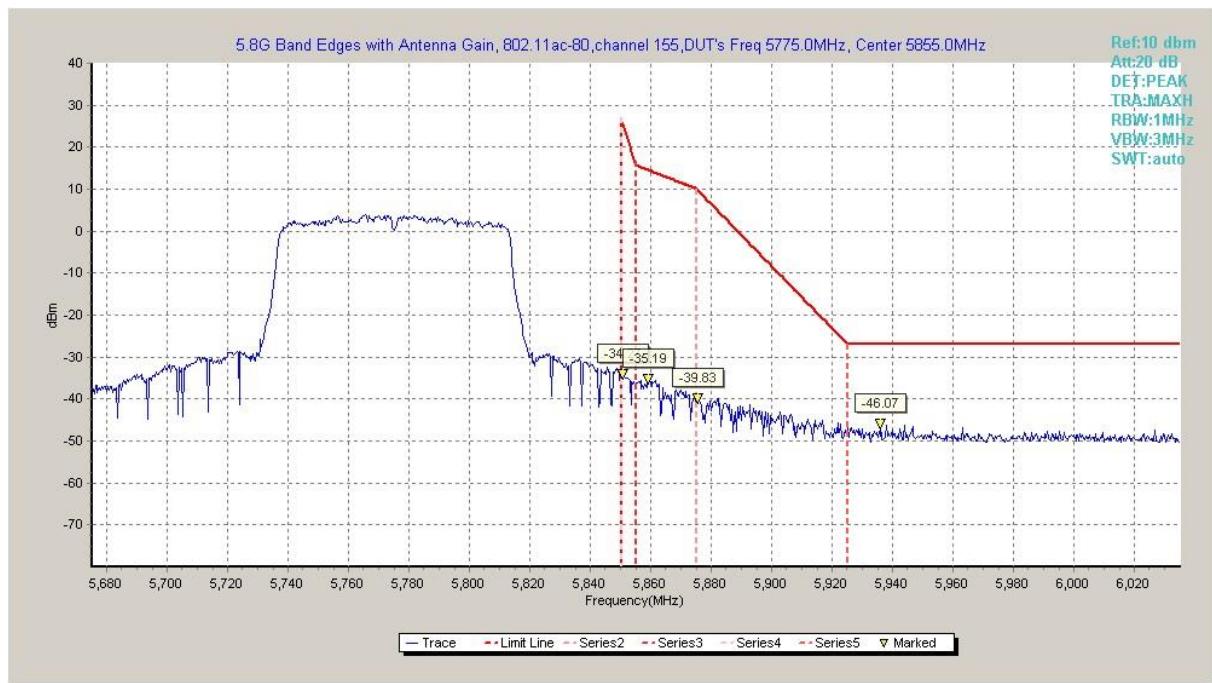


Fig. 82 Band Edges (802.11ac-HT80, 5775MHz)

A6.2 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dBm/MHz)	
FCC 47 CFR Part 15.407	at the band edge	27
	at 5 MHz above or below the band edge	15.6
	at 25 MHz above or below the band edge	10
	at 75 MHz or more above or below the band edge	-27
Note: increasing linearly from point to point.		

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
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Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5745 MHz	Fig.83	P
	5825 MHz	Fig.84	P
802.11n	5745 MHz	Fig.85	P
	5825 MHz	Fig.86	P
802.11n	5755 MHz	Fig.87	P
	5795 MHz	Fig.88	P
802.11ac	5745 MHz	Fig.89	P
	5825 MHz	Fig.90	P
802.11ac	5755 MHz	Fig.91	P
	5795 MHz	Fig.92	P
802.11ac HT80	5775 MHz	Fig.93	P

Conclusion: PASS

Test graphs as below: