

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

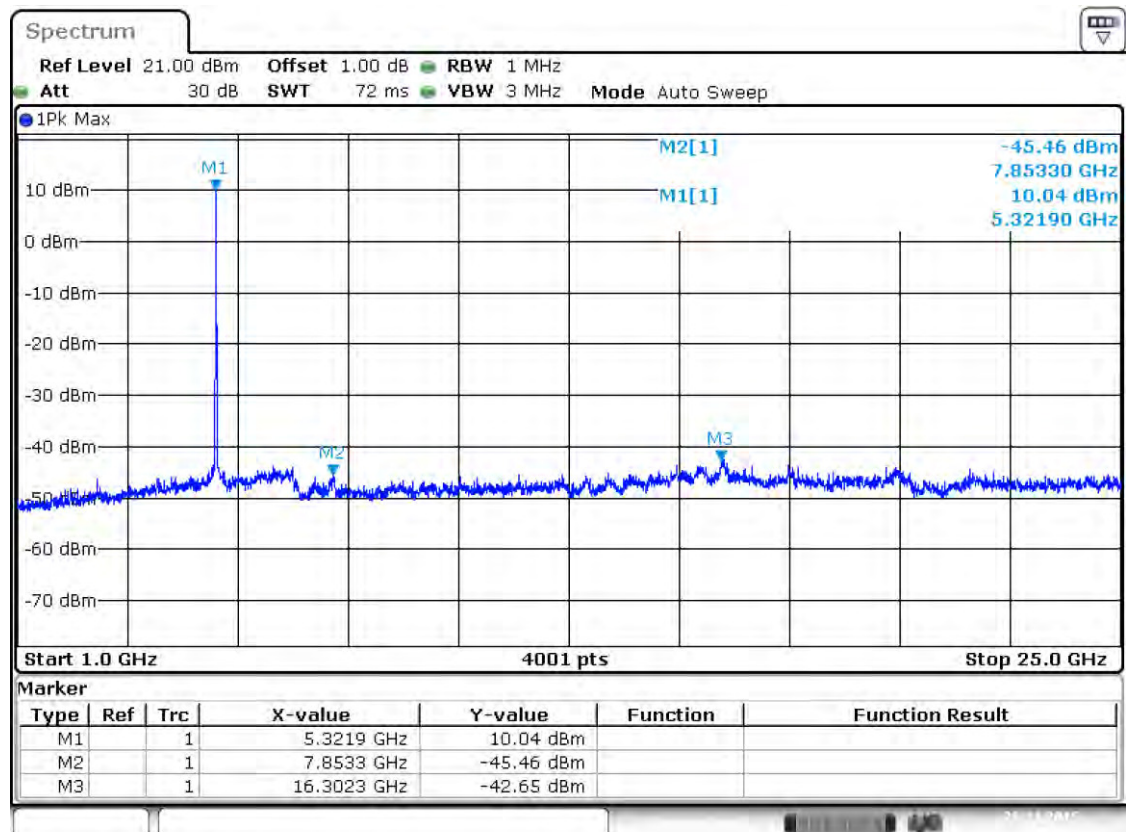
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7853.3	-45.46	0	3	6.4	PK	56.20	91.70	35.50	Note 2	PASS
	N/A		3	6.4	AV	N/A	71.70	N/A	Note 3	PASS
16302.3	-42.65	0	3	6.4	PK	59.01	91.70	32.69	Note 2	PASS
	N/A		3	6.4	AV	N/A	71.70	N/A	Note 3	PASS
5321.9	10.04	0	3	6.4	PK	111.70	N/A	N/A	Note 1	N/A
	-14.81		3	6.4	AV	86.85	N/A	N/A		N/A

Test Plots

Band II 11n(HT20) CH64, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:59:36

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

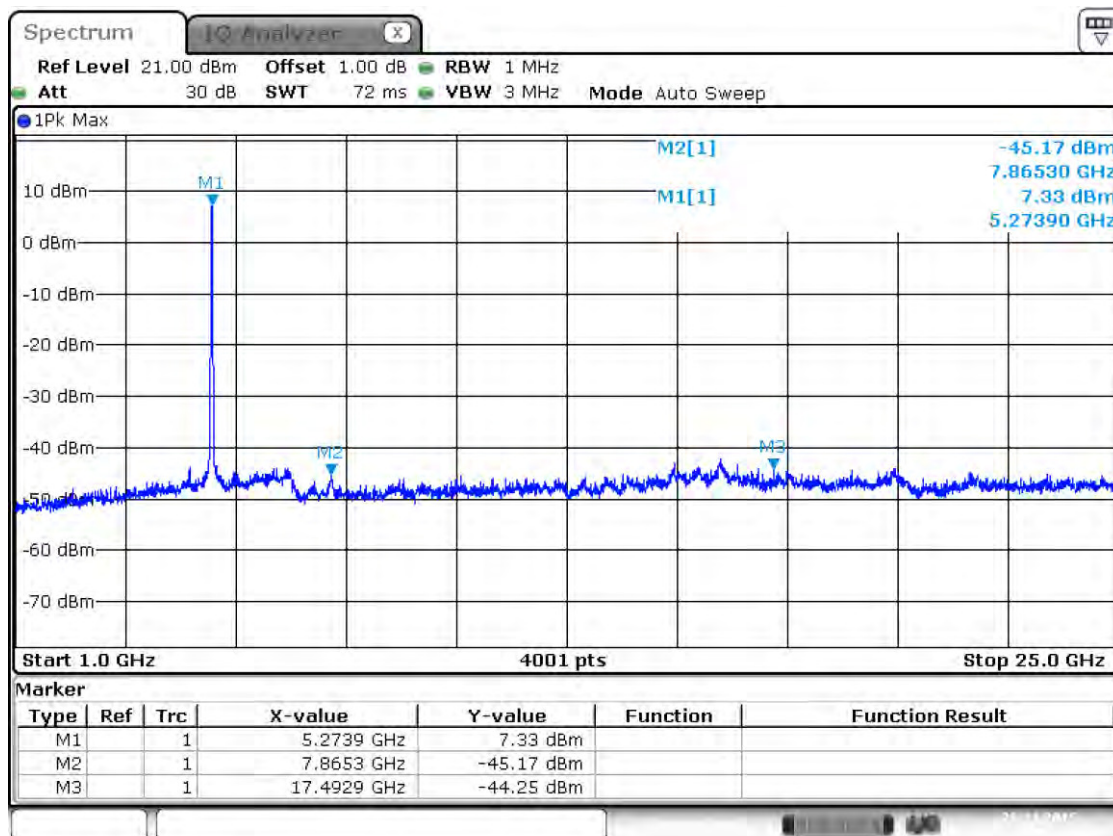
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.17	0	3	6.4	PK	56.49	88.99	32.50	Note 2	PASS
	N/A		3	6.4	AV	N/A	68.99	N/A	Note 3	PASS
17492.9	-44.25	0	3	6.4	PK	57.41	88.99	31.58	Note 2	PASS
	N/A		3	6.4	AV	N/A	68.99	N/A	Note 3	PASS
5273.9	7.33	0	3	6.4	PK	108.99	N/A	N/A	Note 1	N/A
	-17.52		3	6.4	AV	84.14	N/A	N/A		N/A

Test Plots

Band II 11n(HT40) CH54, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:11:36

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

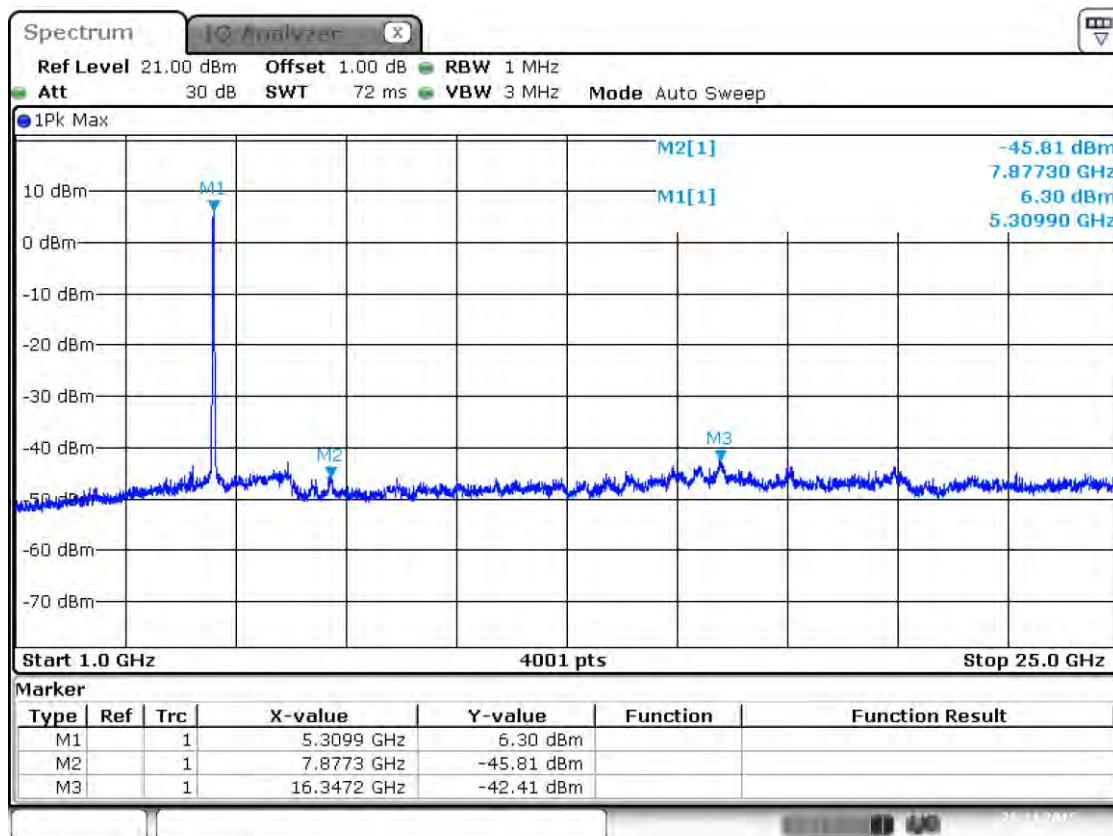
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.81	0	3	6.4	PK	55.85	87.96	32.11	Note 2	PASS
	N/A		3	6.4	AV	N/A	67.96	N/A	Note 3	PASS
16347.2	-42.41	0	3	6.4	PK	59.25	87.96	28.71	Note 2	PASS
	N/A		3	6.4	AV	N/A	67.96	N/A	Note 3	PASS
5309.9	6.3	0	3	6.4	PK	107.96	N/A	N/A	Note 1	N/A
	-18.55		3	6.4	AV	83.11	N/A	N/A		N/A

Test Plots

Band II 11n(HT40) CH62, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:13:26

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

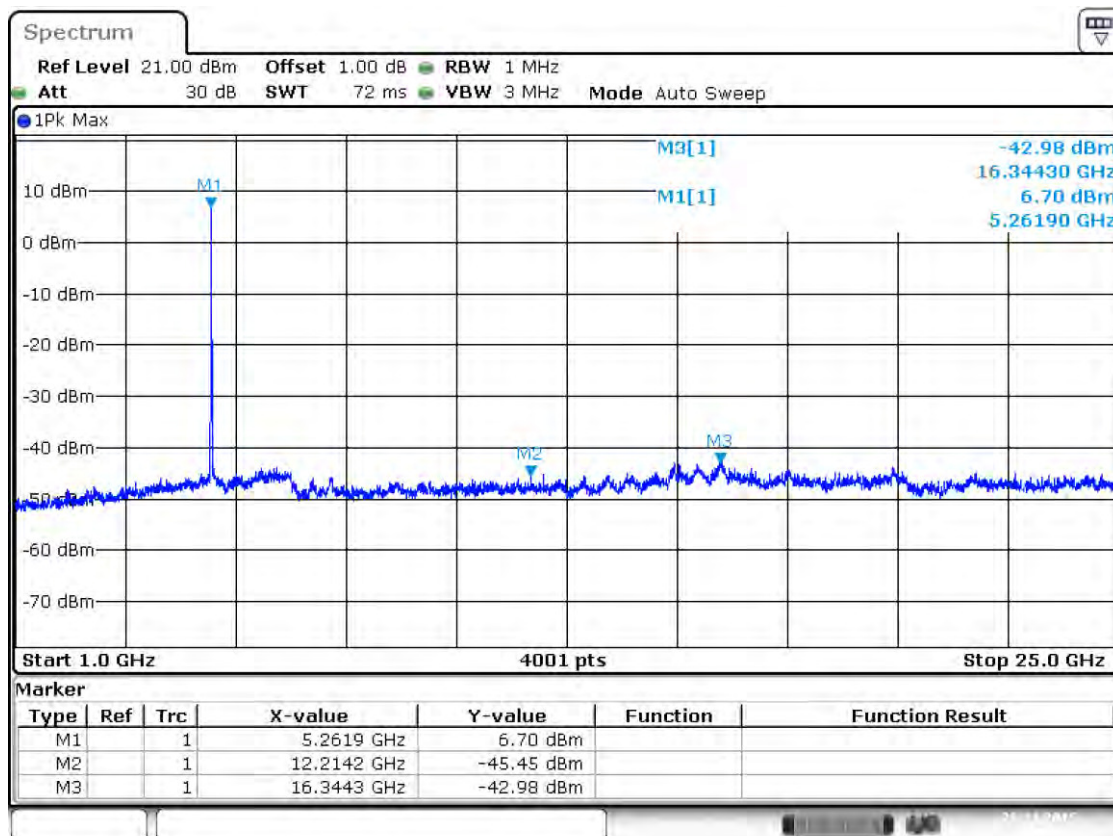
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12214.2	-45.45	0	3	6.4	PK	56.21	74.00	17.79	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
16344.3	-42.98	0	3	6.4	PK	58.68	88.36	29.68	Note 2	PASS
	N/A		3	6.4	AV	N/A	68.36	N/A	Note 3	PASS
5261.9	6.7	0	3	6.4	PK	108.36	N/A	N/A	Note 1	N/A
	-18.15		3	6.4	AV	83.51	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH52, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:58:57

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

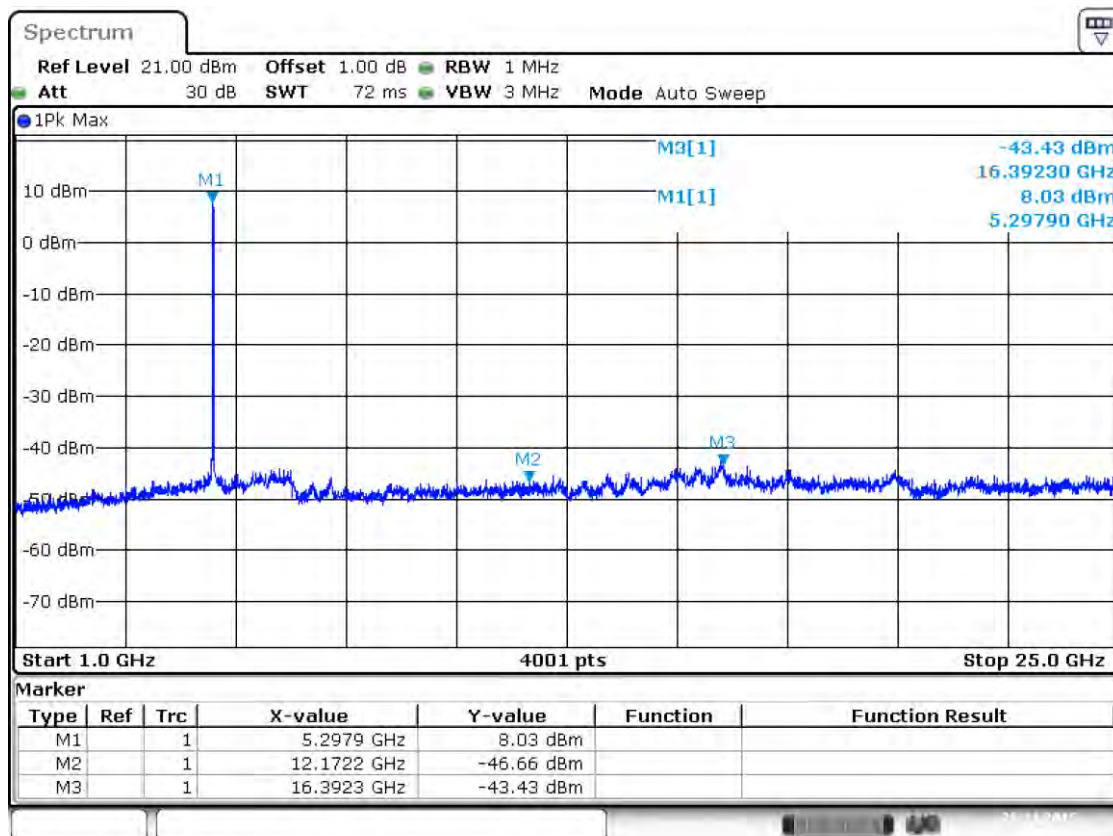
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH56

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12172.2	-46.66	0	3	6.4	PK	55.00	74.00	19.00	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
16392.3	-43.43	0	3	6.4	PK	58.23	89.69	31.46	Note 2	PASS
	N/A		3	6.4	AV	N/A	69.69	N/A	Note 3	PASS
5297.9	8.03	0	3	6.4	PK	109.69	N/A	N/A	Note 1	N/A
	-16.82		3	6.4	AV	84.84	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH60, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:59:55

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

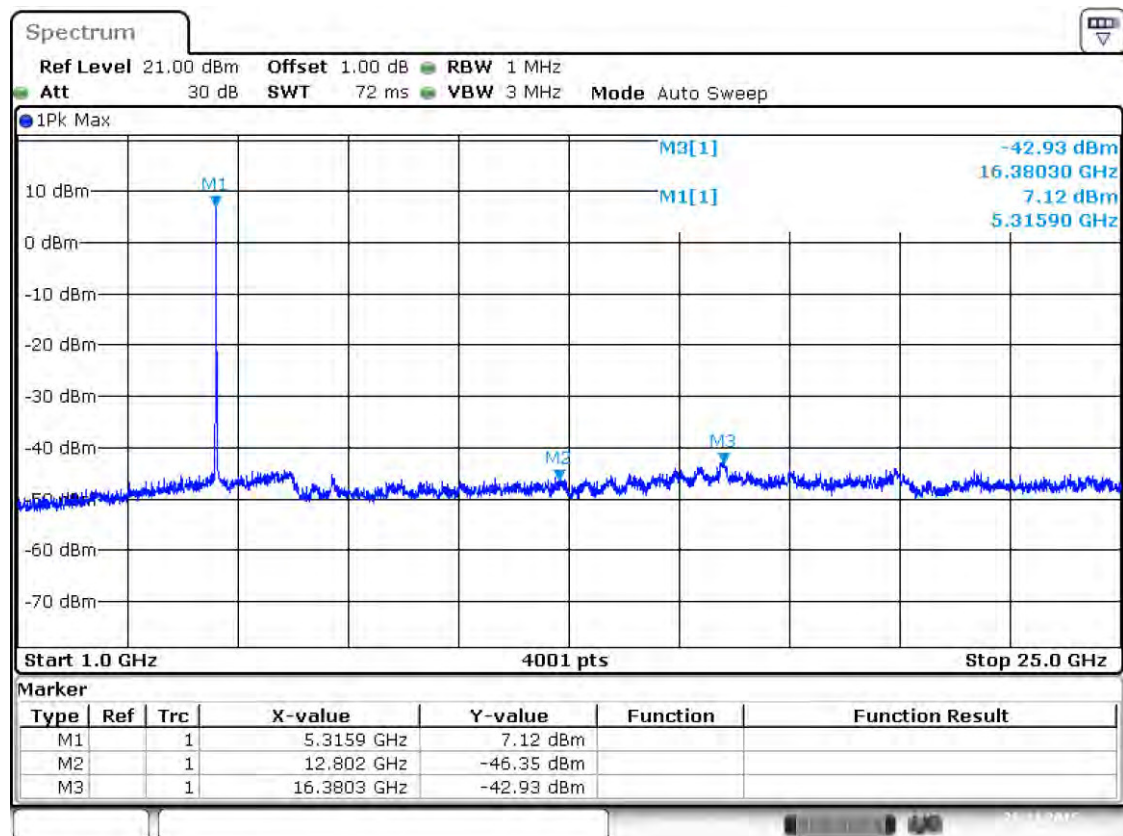
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12802	-46.35	0	3	6.4	PK	55.31	88.78	33.47	Note 2	PASS
	N/A		3	6.4	AV	N/A	68.78	N/A	Note 3	PASS
16380.3	-42.93	0	3	6.4	PK	58.73	88.78	30.05	Note 2	PASS
	N/A		3	6.4	AV	N/A	68.78	N/A	Note 3	PASS
5315.9	7.12	0	3	6.4	PK	108.78	N/A	N/A	Note 1	N/A
	-17.73		3	6.4	AV	83.93	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH64, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:38:19

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

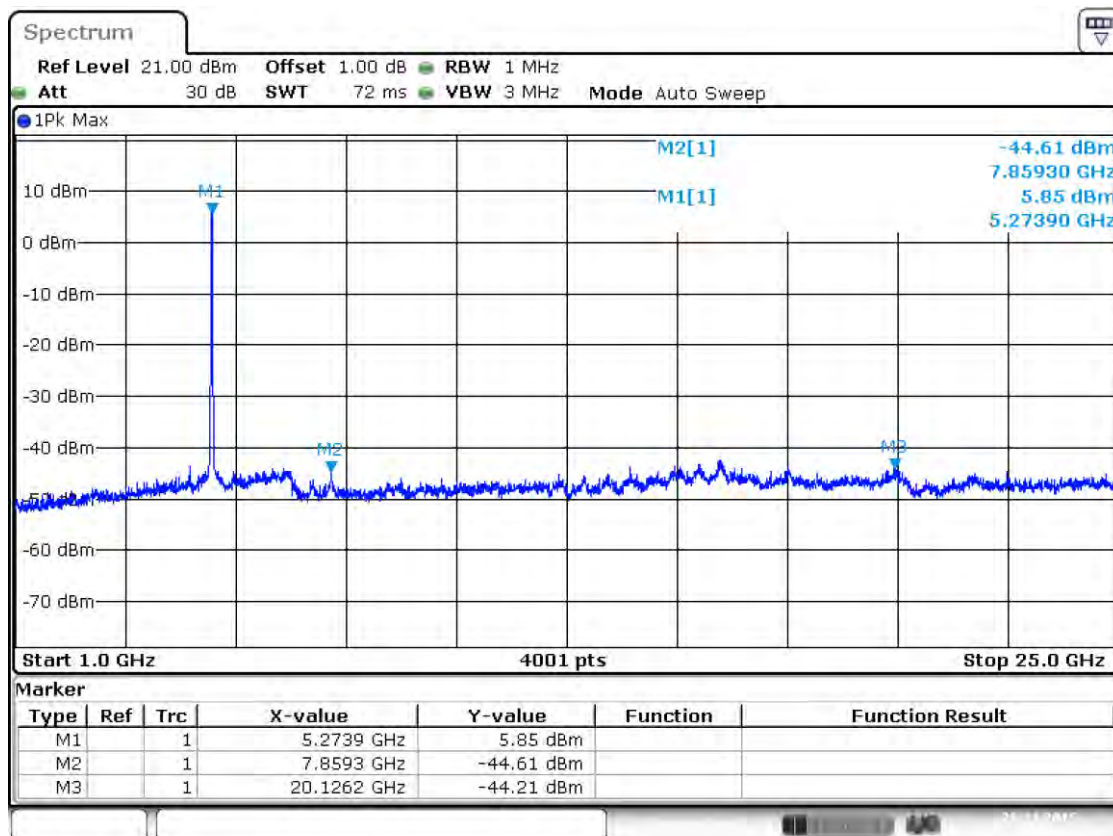
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7859.3	-44.61	0	3	6.4	PK	57.05	87.51	30.46	Note 2	PASS
	N/A		3	6.4	AV	N/A	67.51	N/A	Note 3	PASS
20126.2	-44.21	0	3	6.4	PK	57.45	74.00	16.55	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
5273.9	5.85	0	3	6.4	PK	107.51	N/A	N/A	Note 1	N/A
	-19.00		3	6.4	AV	82.66	N/A	N/A		N/A

Test Plots

Band II 11ac(HT40) CH54, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:29:12

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

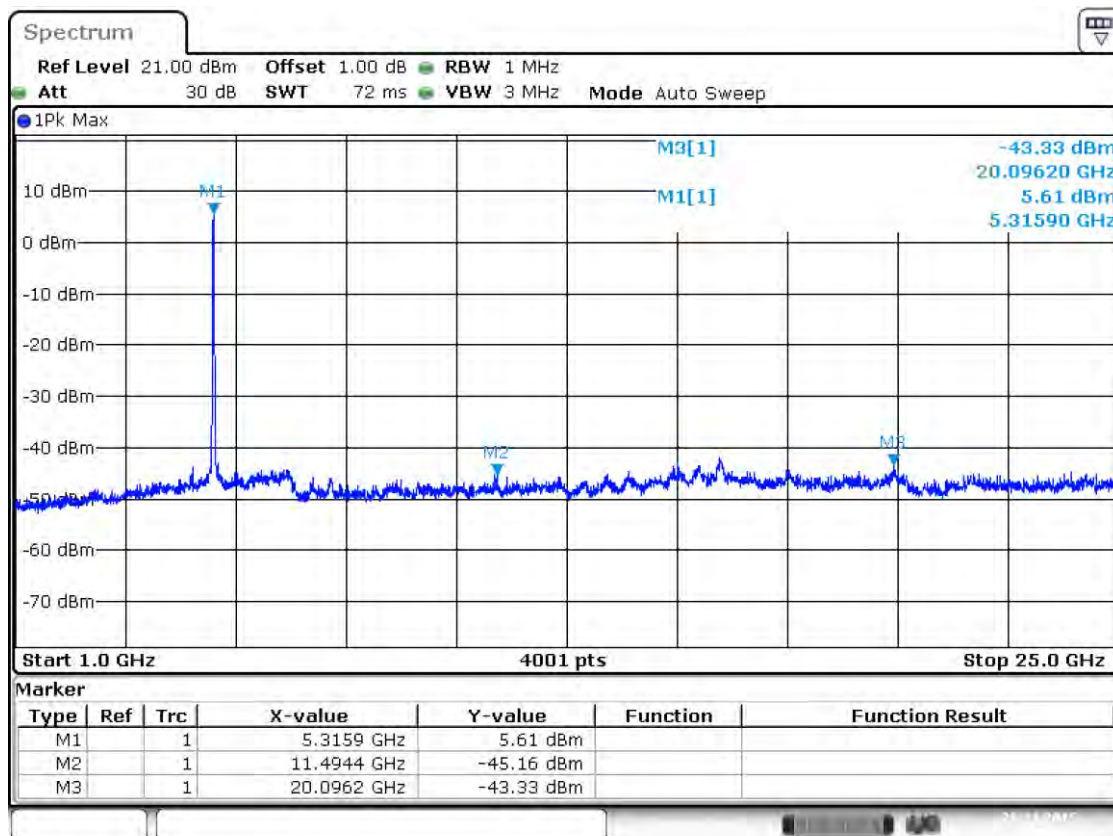
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11494.4	-45.16	0	3	6.4	PK	56.50	74.00	17.50	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
20096.2	-43.33	0	3	6.4	PK	58.33	74.00	15.67	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
5315.9	5.61	0	3	6.4	PK	107.27	N/A	N/A	Note 1	N/A
	-19.24		3	6.4	AV	82.42	N/A	N/A		N/A

Test Plots

Band II 11ac(HT40) CH62, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:30:41

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

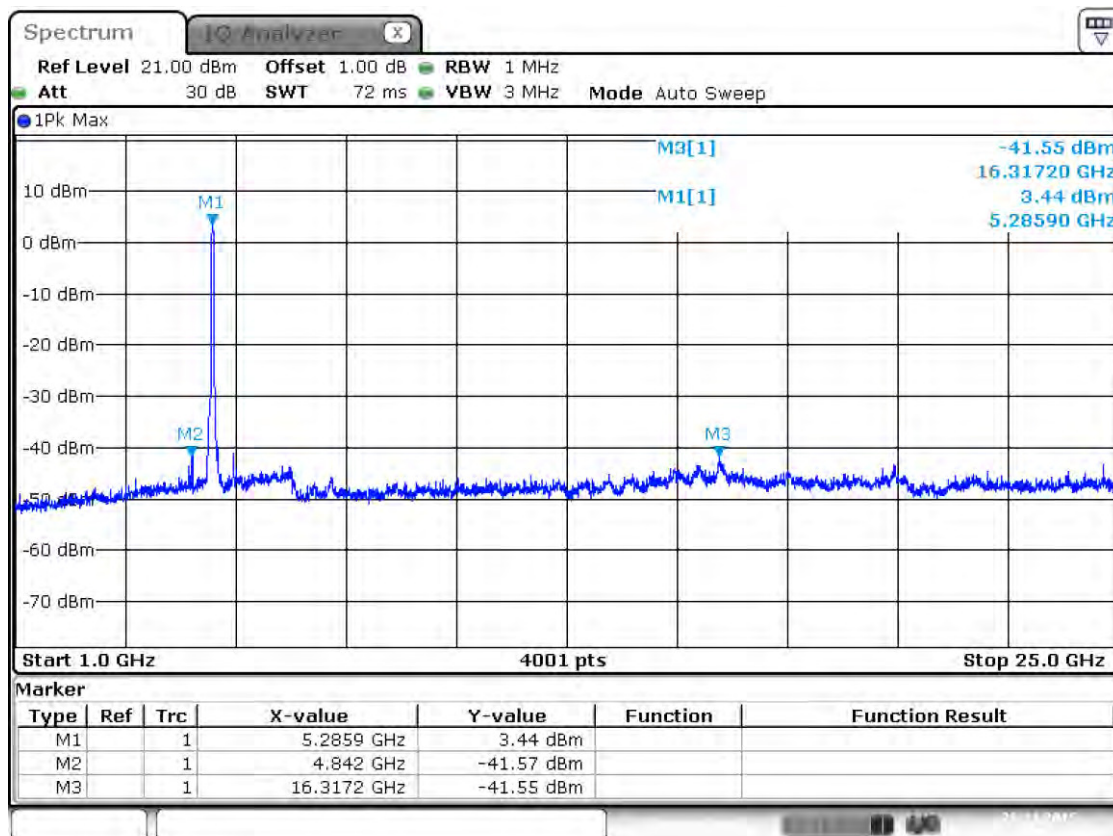
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT80) CH58

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
4842	-41.57	0	3	6.4	PK	60.09	74.00	13.91	--	PASS
	N/A		3	6.4	AV	N/A	54.00	N/A	Note 3	PASS
16317.2	-41.55	0	3	6.4	PK	60.11	85.10	24.99	Note 2	PASS
	N/A		3	6.4	AV	N/A	65.10	N/A	Note 3	PASS
5285.9	3.44	0	3	6.4	PK	105.10	N/A	N/A	Note 1	N/A
	-21.41		3	6.4	AV	80.25	N/A	N/A		N/A

Test Plots

Band II 11ac(HT80) CH58, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:22:43

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

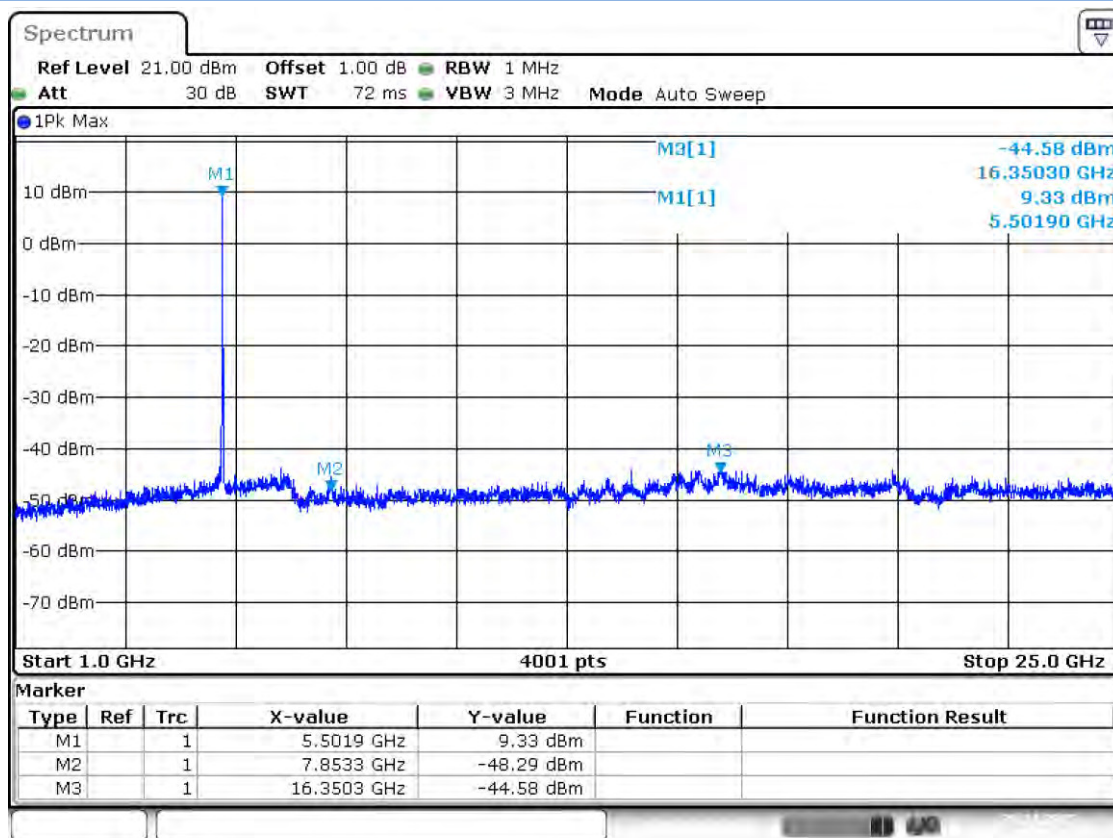
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7853.3	-48.29	0	3	5.3	PK	52.27	89.89	37.62	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.89	N/A	Note 3	PASS
16350.3	-44.58	0	3	5.3	PK	55.98	89.89	33.91	Note 2	PASS
	-69.43		3	5.3	AV	31.13	69.89	38.76	--	PASS
5501.9	9.33	0	3	5.3	PK	109.89	N/A	N/A	Note 1	N/A
	-15.52		3	5.3	AV	85.04	N/A	N/A		N/A

Test Plots

Band III 11a CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:48:08

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

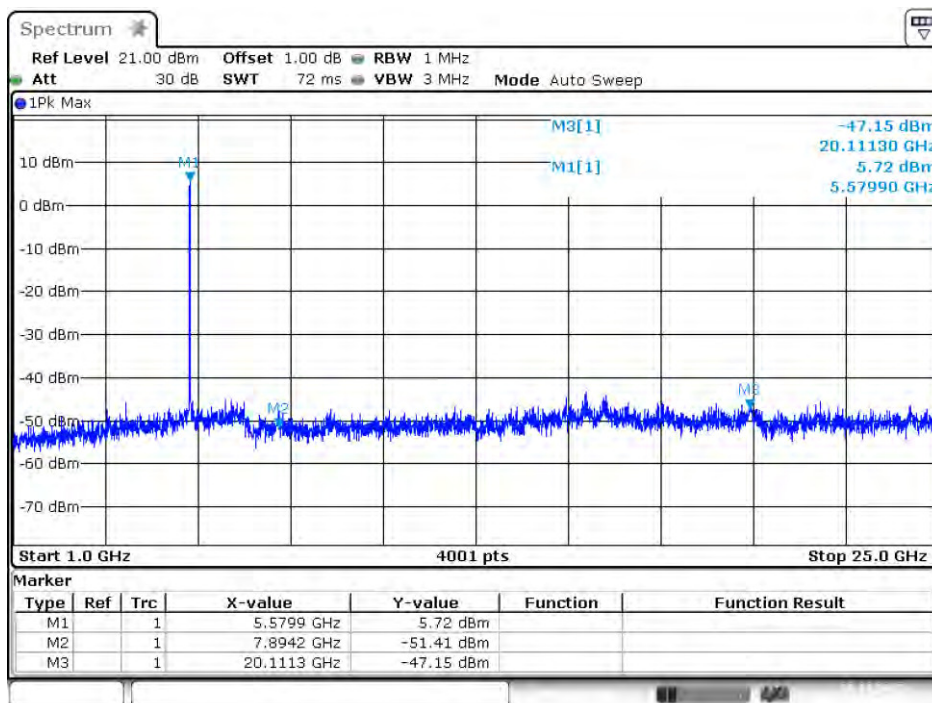
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7894.2	-51.41	0	3	5.3	PK	49.15	86.28	37.13	Note 2	PASS
	N/A		3	5.3	AV	N/A	66.28	N/A	Note 3	PASS
20111.3	-47.15	0	3	5.3	PK	53.41	74.00	20.59	--	PASS
	N/A		3	5.3	AV	N/A	54.00	N/A	Note 3	PASS
5579.9	5.72	0	3	5.3	PK	106.28	N/A	N/A	Note 1	N/A
	-19.13		3	5.3	AV	81.43	N/A	N/A		N/A

Test Plots

Band III 11a CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:38:02

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

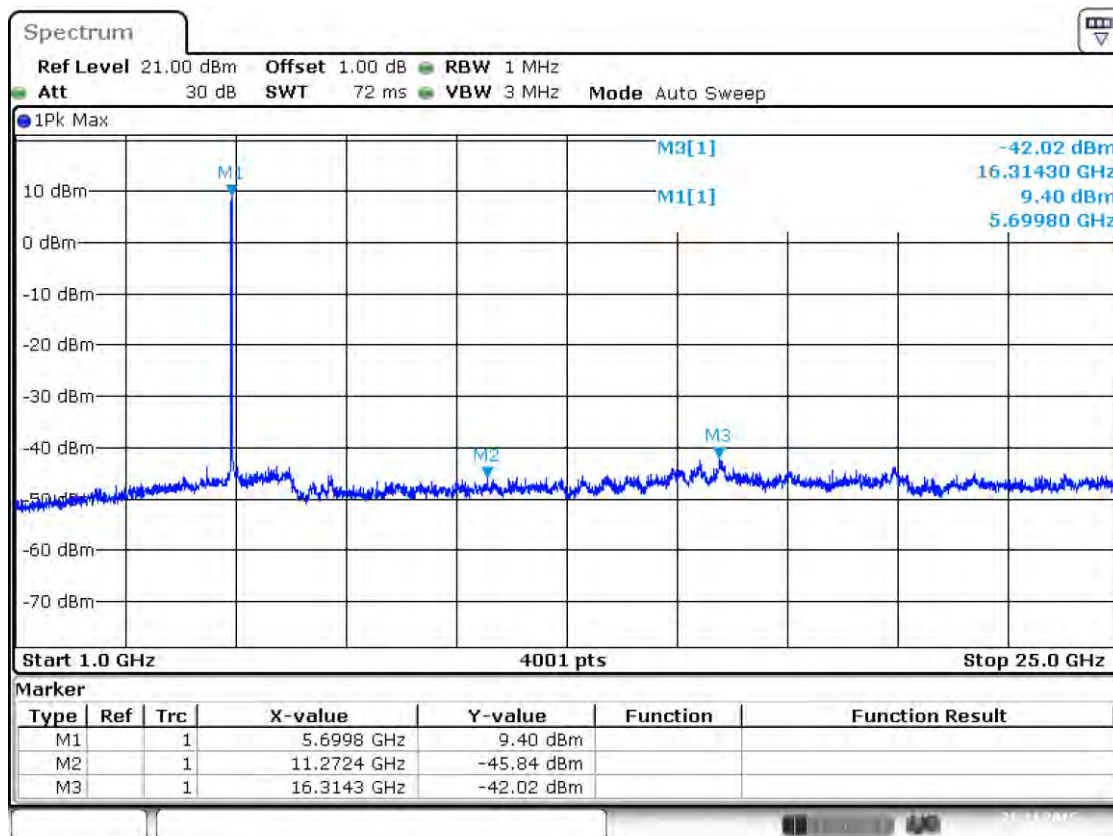
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
1172.4	-45.84	0	3	5.3	PK	54.72	74.00	19.28	--	PASS
	N/A		3	5.3	AV	N/A	54.00	N/A	Note 3	PASS
16314.3	-42.02	0	3	5.3	PK	58.54	89.96	31.42	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.96	N/A	Note 3	PASS
5699.8	9.4	0	3	5.3	PK	109.96	N/A	N/A	Note 1	N/A
	-15.45		3	5.3	AV	85.11	N/A	N/A		N/A

Test Plots

Band III 11a CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:49:24

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

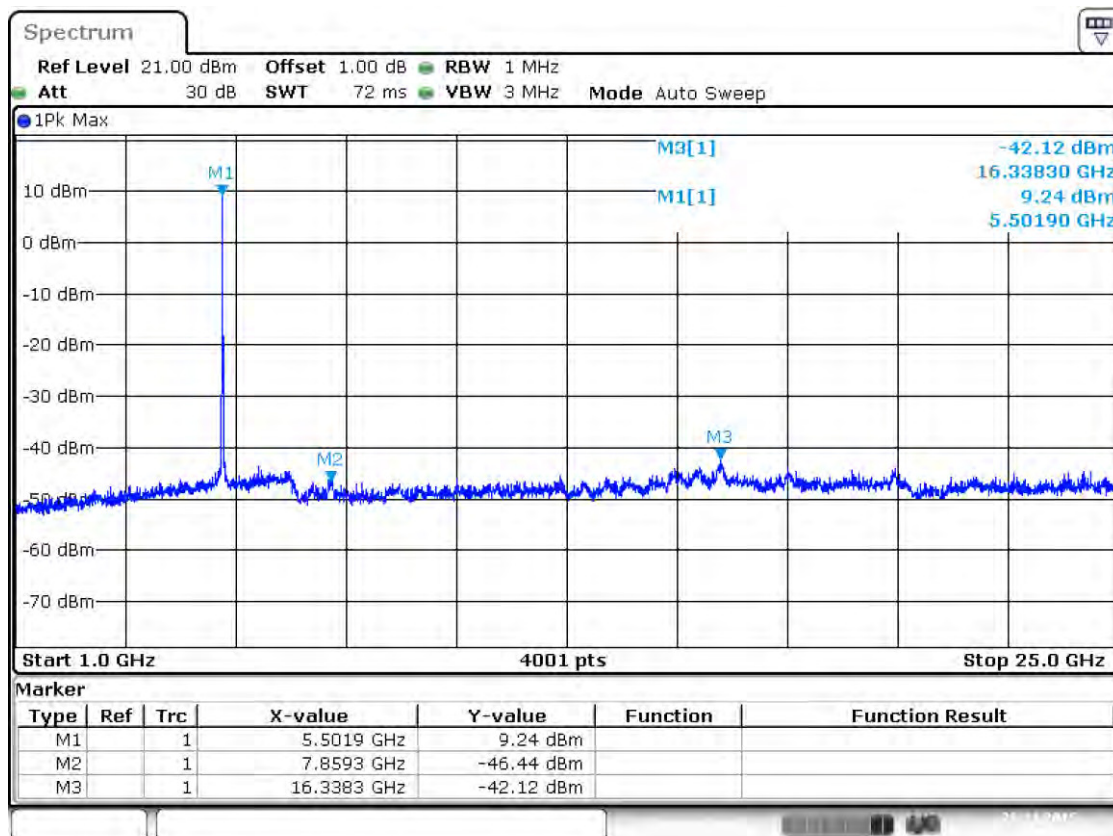
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7859.3	-46.44	0	3	5.3	PK	54.12	89.80	35.68	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.80	N/A	Note 3	PASS
16338.3	-42.12	0	3	5.3	PK	58.44	89.80	31.36	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.80	N/A	Note 3	PASS
5501.9	9.24	0	3	5.3	PK	109.80	N/A	N/A	Note 1	N/A
	-15.61		3	5.3	AV	84.95	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:00:47

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

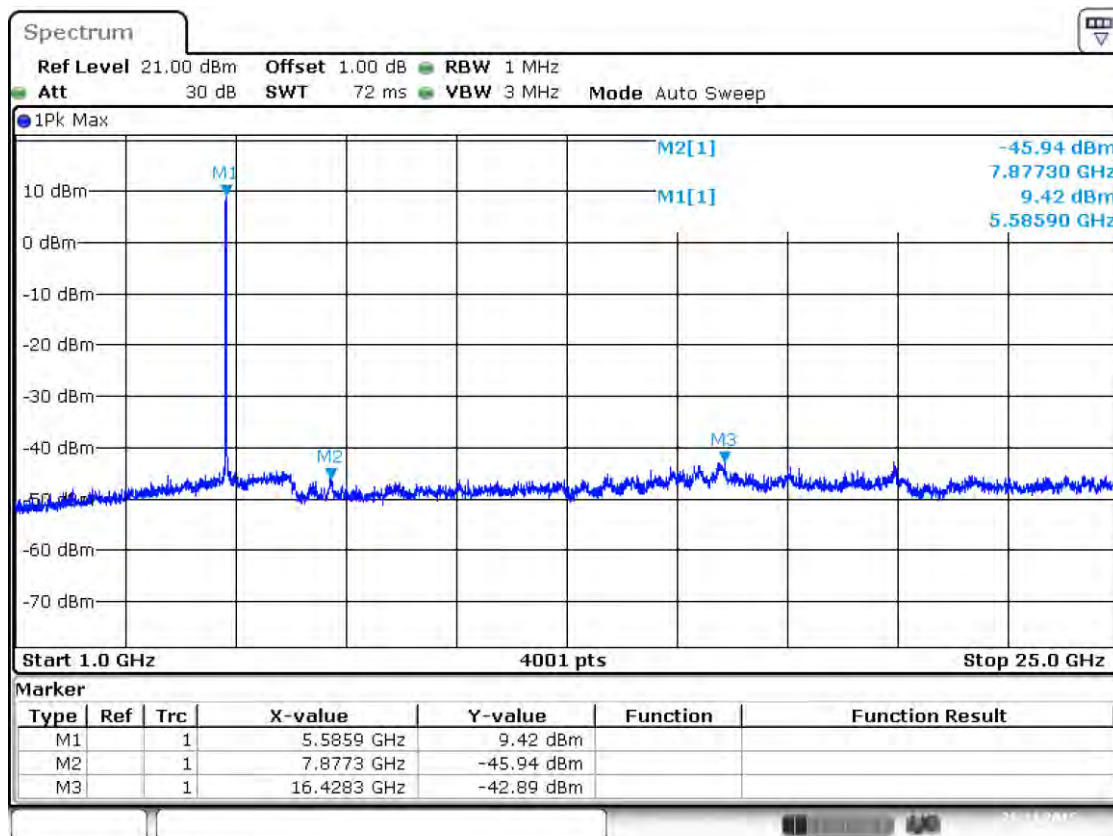
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.94	0	3	5.3	PK	54.62	89.98	35.36	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.98	N/A	Note 3	PASS
16428.3	-42.89	0	3	5.3	PK	57.67	89.98	32.31	Note 2	PASS
	N/A		3	5.3	AV	N/A	69.98	N/A	Note 3	PASS
5585.9	9.42	0	3	5.3	PK	109.98	N/A	N/A	Note 1	N/A
	-15.43		3	5.3	AV	85.13	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:02:00

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

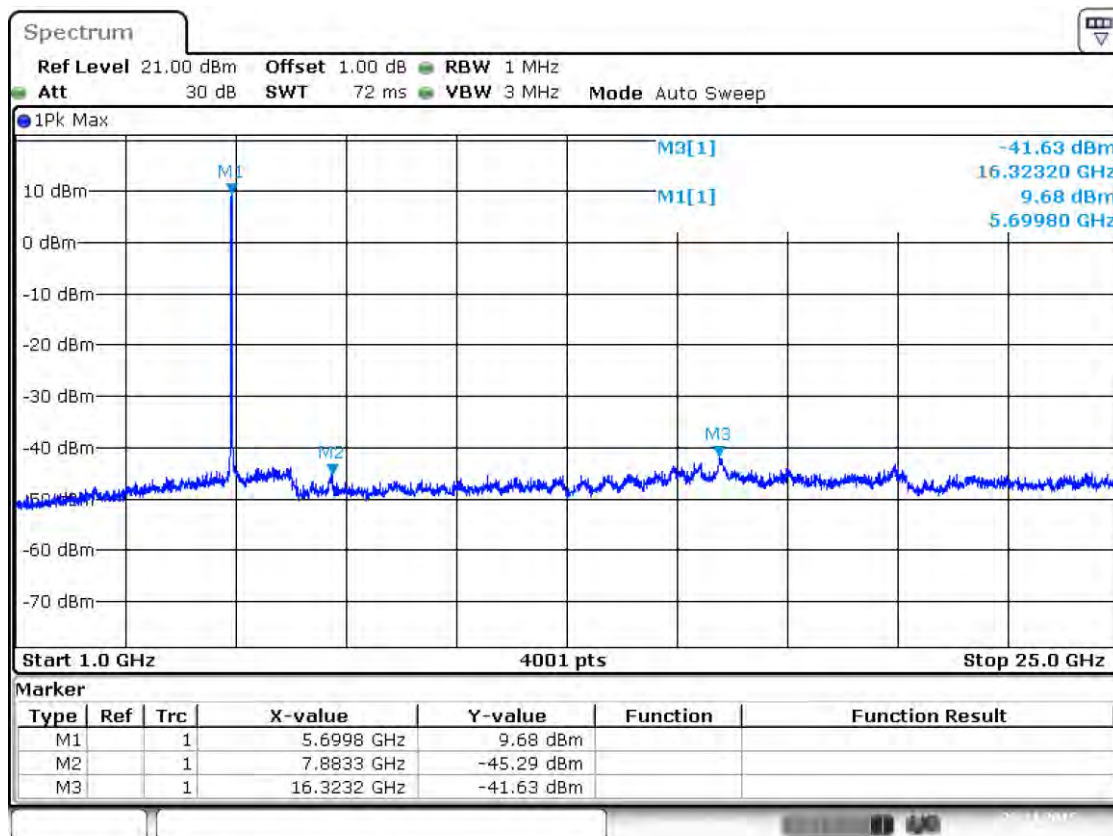
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7883.3	-45.29	0	3	5.3	PK	55.27	90.24	34.97	Note 2	PASS
	N/A		3	5.3	AV	N/A	70.24	N/A	Note 3	PASS
16323.2	-41.63	0	3	5.3	PK	58.93	90.24	31.31	Note 2	PASS
	N/A		3	5.3	AV	N/A	70.24	N/A	Note 3	PASS
5699.8	9.68	0	3	5.3	PK	110.24	N/A	N/A	Note 1	N/A
	-15.17		3	5.3	AV	85.39	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:04:13

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

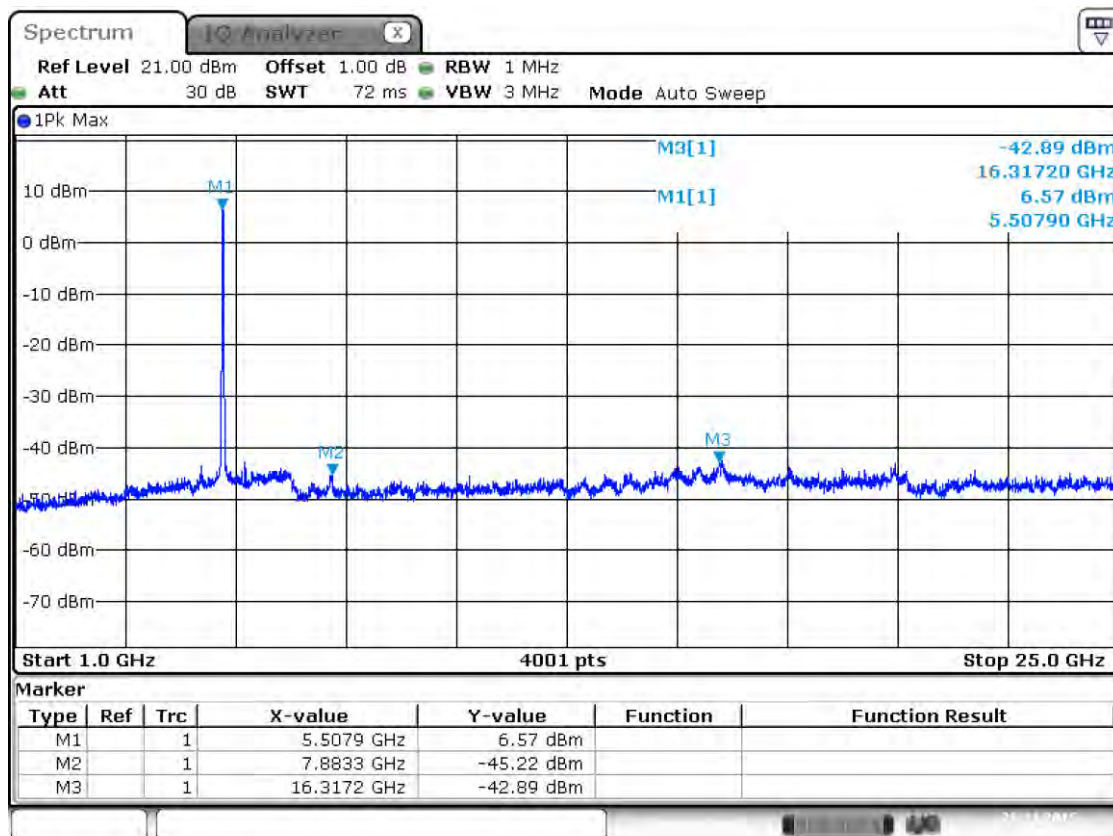
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7883.3	-45.22	0	3	5.3	PK	55.34	87.13	31.79	Note 2	PASS
	N/A		3	5.3	AV	N/A	67.13	N/A	Note 3	PASS
16317.2	-42.89	0	3	5.3	PK	57.67	87.13	29.46	Note 2	PASS
	-67.74		3	5.3	AV	N/A	67.13	N/A	Note 3	PASS
5507.9	6.57	0	3	5.3	PK	107.13	N/A	N/A	Note 1	N/A
	-18.28		3	5.3	AV	82.28	N/A	N/A		N/A

Test Plots

Band III 11n(HT40) CH102, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:15:06

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

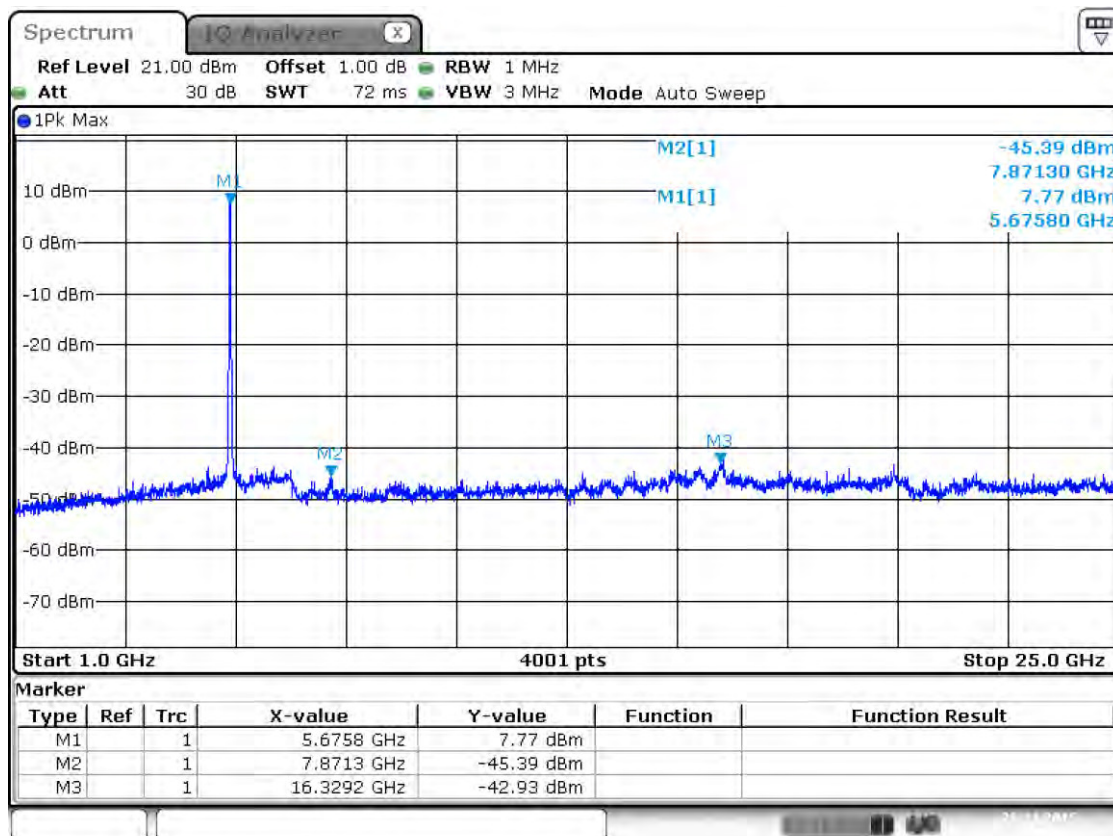
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7871.3	-45.39	0	3	5.3	PK	55.17	88.33	33.16	Note 2	PASS
	N/A		3	5.3	AV	N/A	68.33	N/A	Note 3	PASS
16329.2	-42.93	0	3	5.3	PK	57.63	88.33	30.70	Note 2	PASS
	-67.78		3	5.3	AV	N/A	68.33	N/A	Note 3	PASS
5675.8	7.77	0	3	5.3	PK	108.33	N/A	N/A	Note 1	N/A
	-17.08		3	5.3	AV	83.48	N/A	N/A		N/A

Test Plots

Band III 11n(HT40) CH134, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:16:01

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 6.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

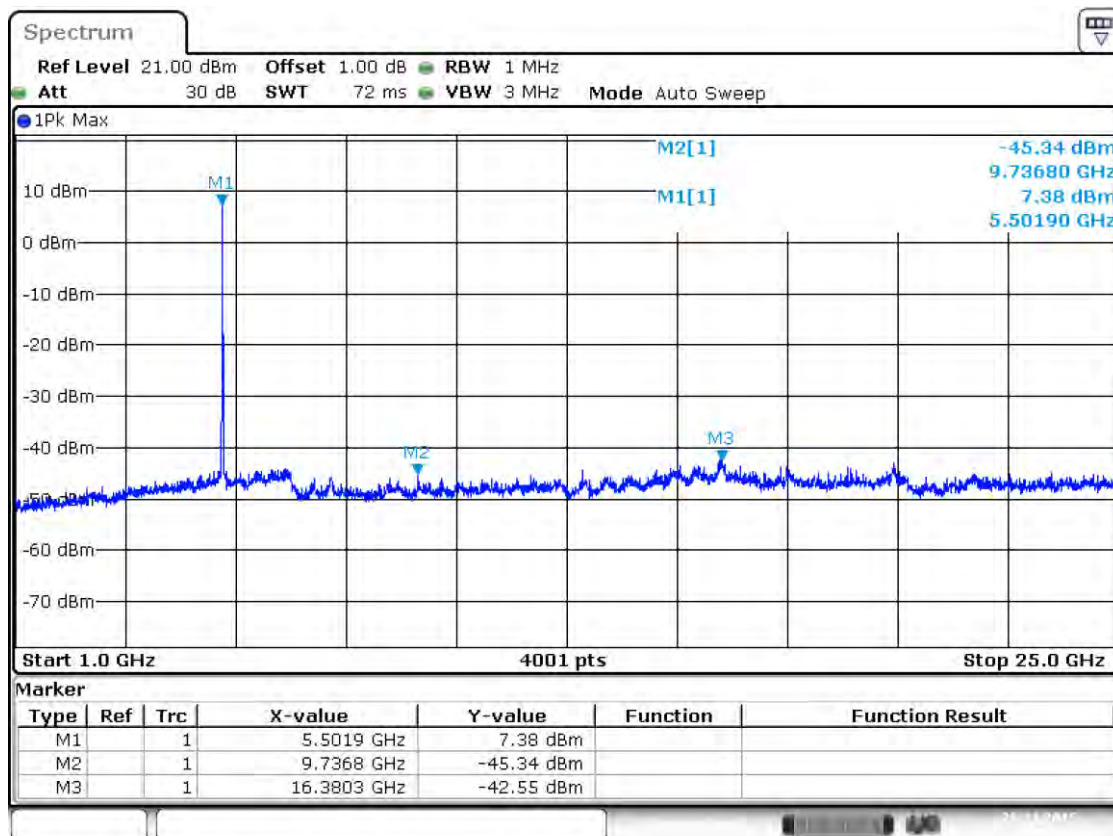
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9736.8	-45.34	0	3	5.3	PK	55.22	87.94	32.72	Note 2	PASS
	N/A		3	5.3	AV	N/A	67.94	N/A	Note 3	PASS
16380.3	-42.55	0	3	5.3	PK	58.01	87.94	29.93	Note 2	PASS
	-67.40		3	5.3	AV	33.16	67.94	34.78	--	PASS
5501.9	7.38	0	3	5.3	PK	107.94	N/A	N/A	Note 1	N/A
	-17.47		3	5.3	AV	83.09	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:39:44

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

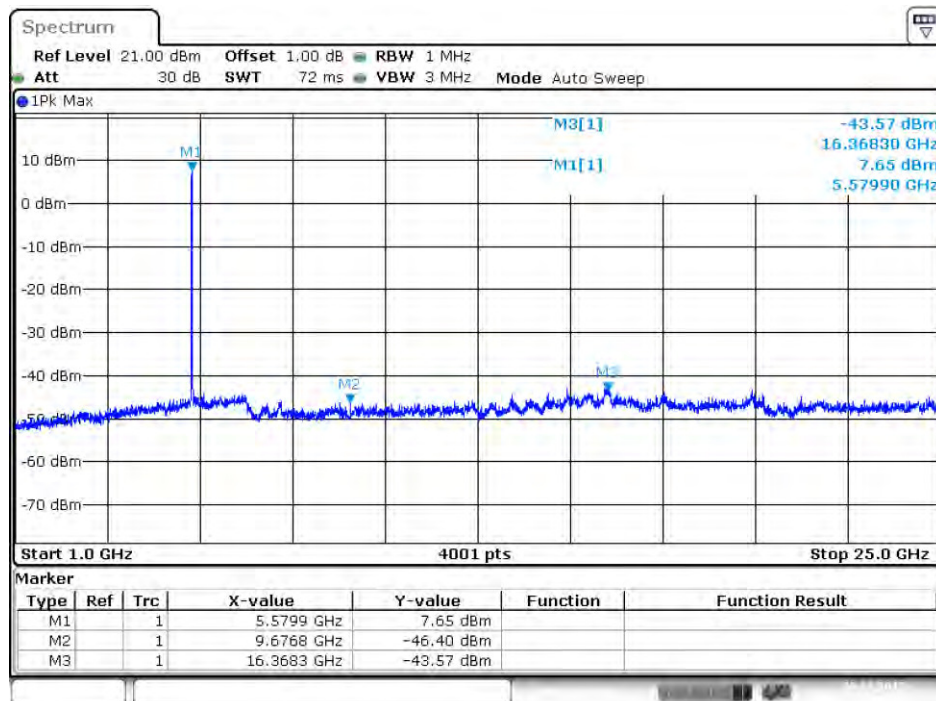
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9676.8	-46.4	0	3	5.3	PK	54.16	88.21	34.05	Note 2	PASS
	N/A		3	5.3	AV	N/A	68.21	N/A	Note 3	PASS
16368.3	-43.57	0	3	5.3	PK	56.99	88.21	31.22	Note 2	PASS
	N/A		3	5.3	AV	N/A	68.21	N/A	Note 3	PASS
5579.9	7.65	0	3	5.3	PK	108.21	N/A	N/A	Note 1	N/A
	-17.20		3	5.3	AV	83.36	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26, NOV. 2015 12:41:21

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

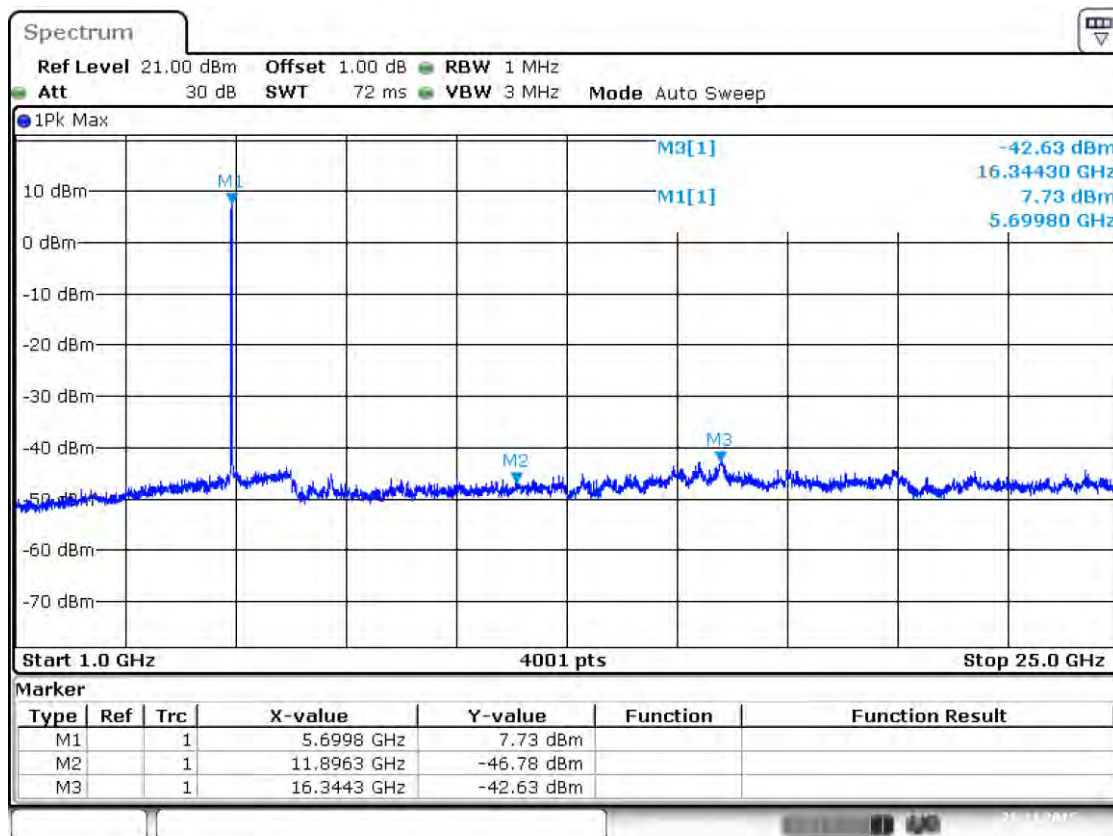
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11896.3	-46.78	0	3	5.3	PK	53.78	74.00	20.22	--	PASS
	N/A		3	5.3	AV	N/A	54.00	N/A	Note 3	PASS
16344.3	-42.63	0	3	5.3	PK	57.93	88.29	30.36	Note 2	PASS
	N/A		3	5.3	AV	N/A	68.29	N/A	Note 3	PASS
5699.8	7.73	0	3	5.3	PK	108.29	N/A	N/A	Note 1	N/A
	-17.12		3	5.3	AV	83.44	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:43:47

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

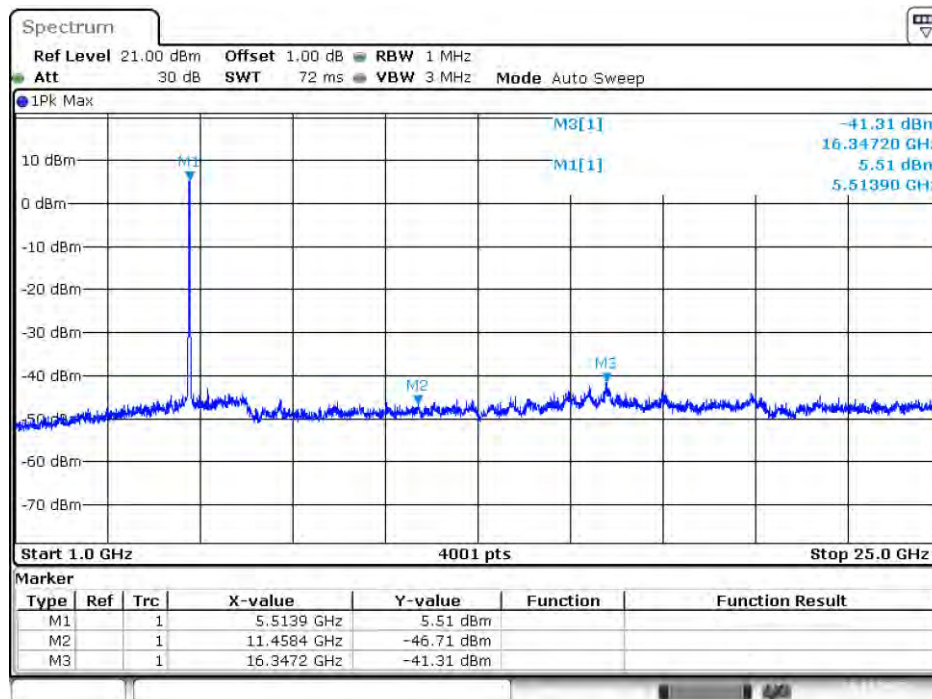
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11458.4	-46.71	0	3	5.3	PK	53.85	74.00	20.15	--	PASS
	N/A		3	5.3	AV	N/A	54.00	N/A	Note 3	PASS
16347.2	-41.31	0	3	5.3	PK	59.25	86.07	26.82	Note 2	PASS
	-66.16		3	5.3	AV	34.40	66.07	31.67	--	PASS
5513.9	5.51	0	3	5.3	PK	106.07	N/A	N/A	Note 1	N/A
	-19.34		3	5.3	AV	81.22	N/A	N/A		N/A

Test Plots

Band III 11ac(HT40) CH102, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:31:59

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

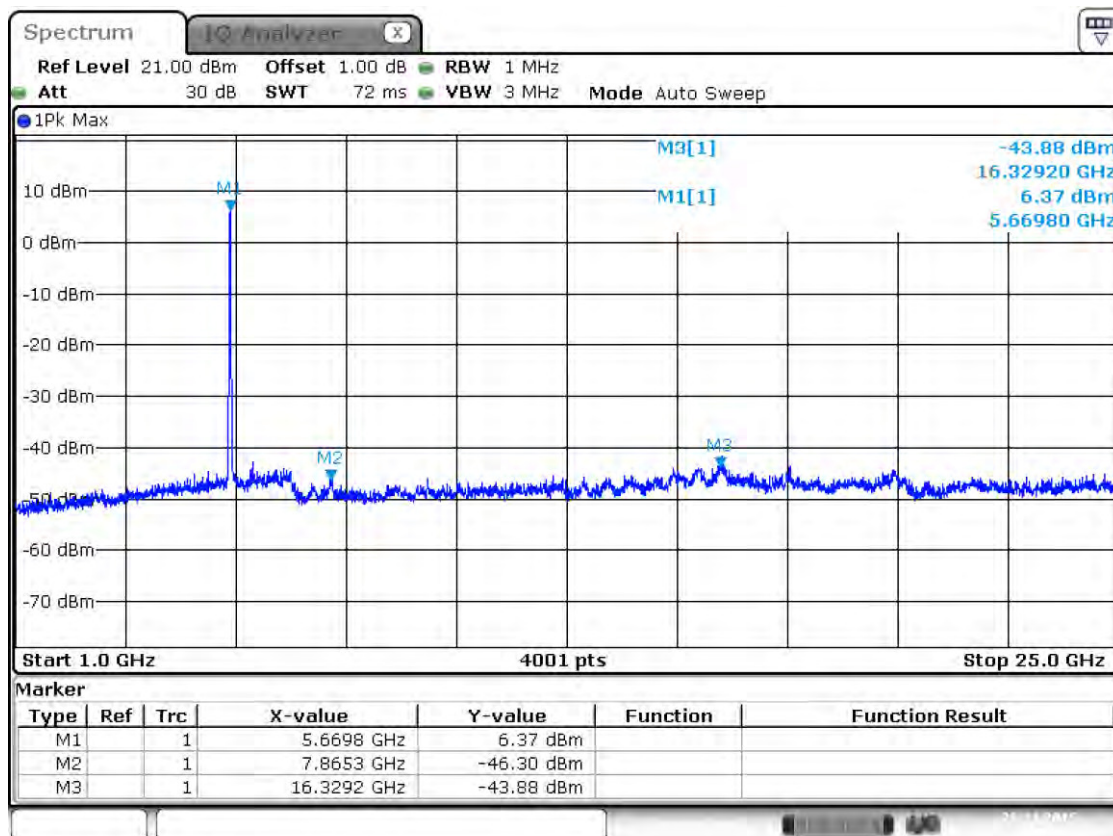
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-46.3	0	3	5.3	PK	54.26	86.93	32.67	Note 2	PASS
	N/A		3	5.3	AV	N/A	66.93	N/A	Note 3	PASS
16329.2	-43.88	0	3	5.3	PK	56.68	86.93	30.25	Note 2	PASS
	N/A		3	5.3	AV	N/A	66.93	N/A	Note 3	PASS
5669.8	6.37	0	3	5.3	PK	106.93	N/A	N/A	Note 1	N/A
	-18.48		3	5.3	AV	82.08	N/A	N/A		N/A

Test Plots

Band III 11ac(HT40) CH134, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:00:39

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 5.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

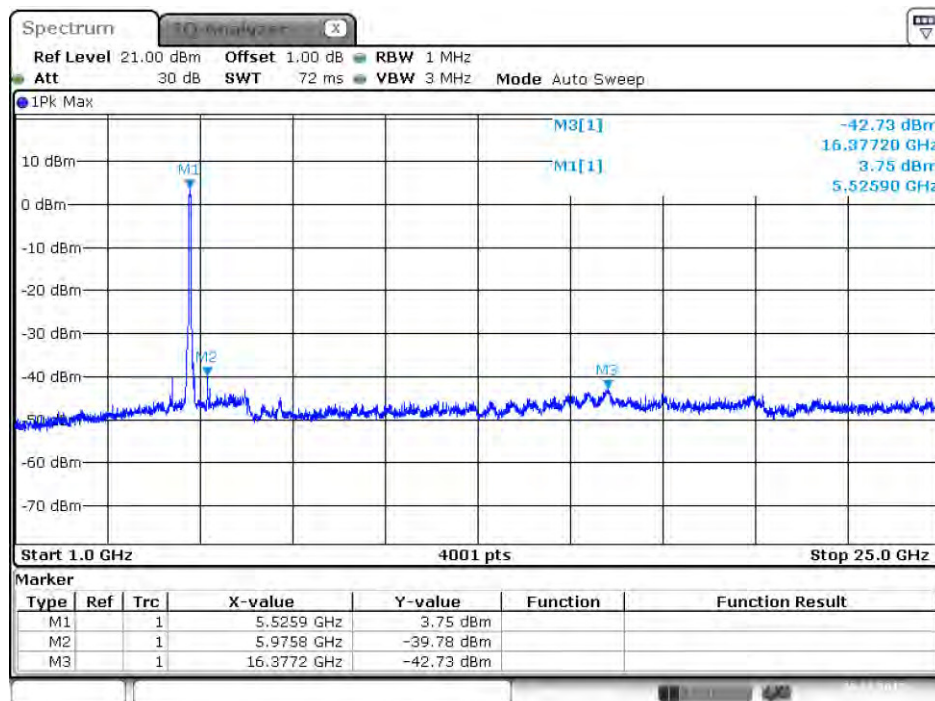
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT80) CH106

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
5975.8	-39.78	0	3	5.3	PK	60.78	84.31	23.53	Note 2	PASS
	N/A		3	5.3	AV	N/A	64.31	N/A	Note 3	PASS
16377.2	-42.73	0	3	5.3	PK	57.83	84.31	26.48	Note 2	PASS
	N/A		3	5.3	AV	N/A	64.31	N/A	Note 3	PASS
5525.9	3.75	0	3	5.3	PK	104.31	N/A	N/A	Note 1	N/A
	-21.10		3	5.3	AV	79.46	N/A	N/A		N/A

Test Plots

Band III 11ac(HT80) CH106, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:23:58

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

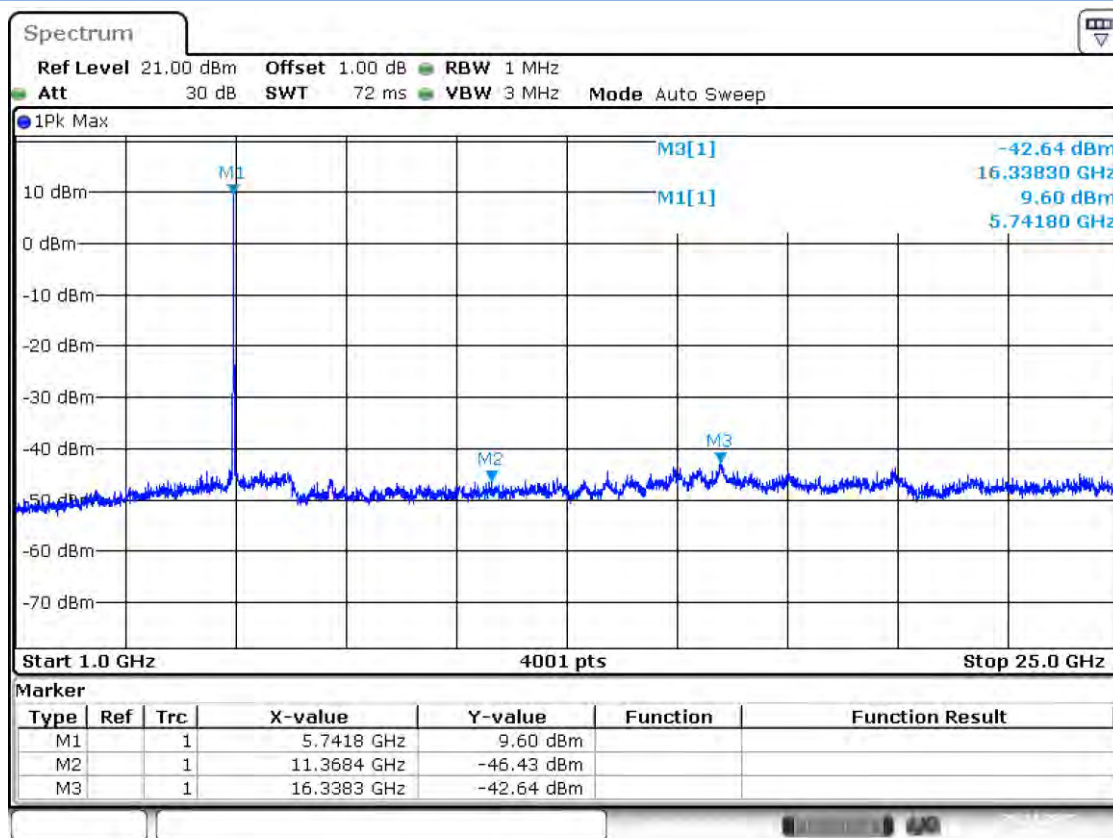
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11368.4	-46.43	0	3	3.7	PK	52.53	74.00	21.47	--	PASS
	-71.28		3	3.7	AV	27.68	54.00	26.32	--	PASS
16338.3	-42.64	0	3	3.7	PK	56.32	88.56	32.24	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.56	N/A	Note 3	PASS
5741.8	9.6	0	3	3.7	PK	108.56	N/A	N/A	Note 1	N/A
	-15.25		3	3.7	AV	83.71	N/A	N/A		N/A

Test Plots

Band IV 11a CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:51:41

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

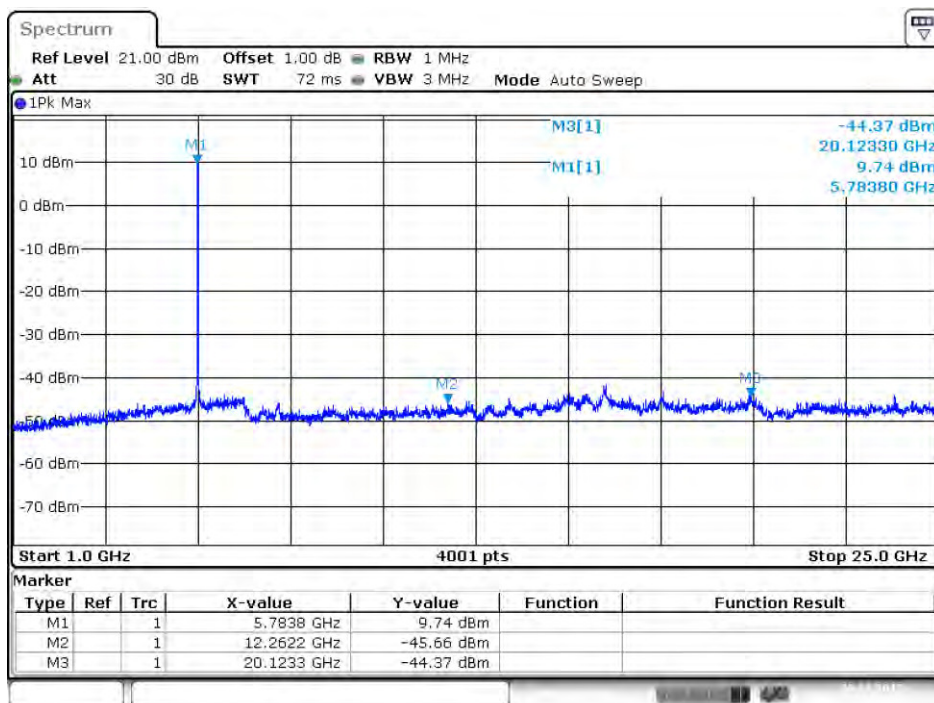
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12262.2	-45.66	0	3	3.7	PK	53.30	74.00	20.70	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
20123.3	-44.37	0	3	3.7	PK	54.59	74.00	19.41	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
5783.8	9.74	0	3	3.7	PK	108.70	N/A	N/A	Note 1	N/A
	-15.11		3	3.7	AV	83.85	N/A	N/A		N/A

Test Plots

Band IV 11a CH157, SPURIOUS 1 GHz ~ 25 GHz



Date: 26, NOV. 2015 10:52:42

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

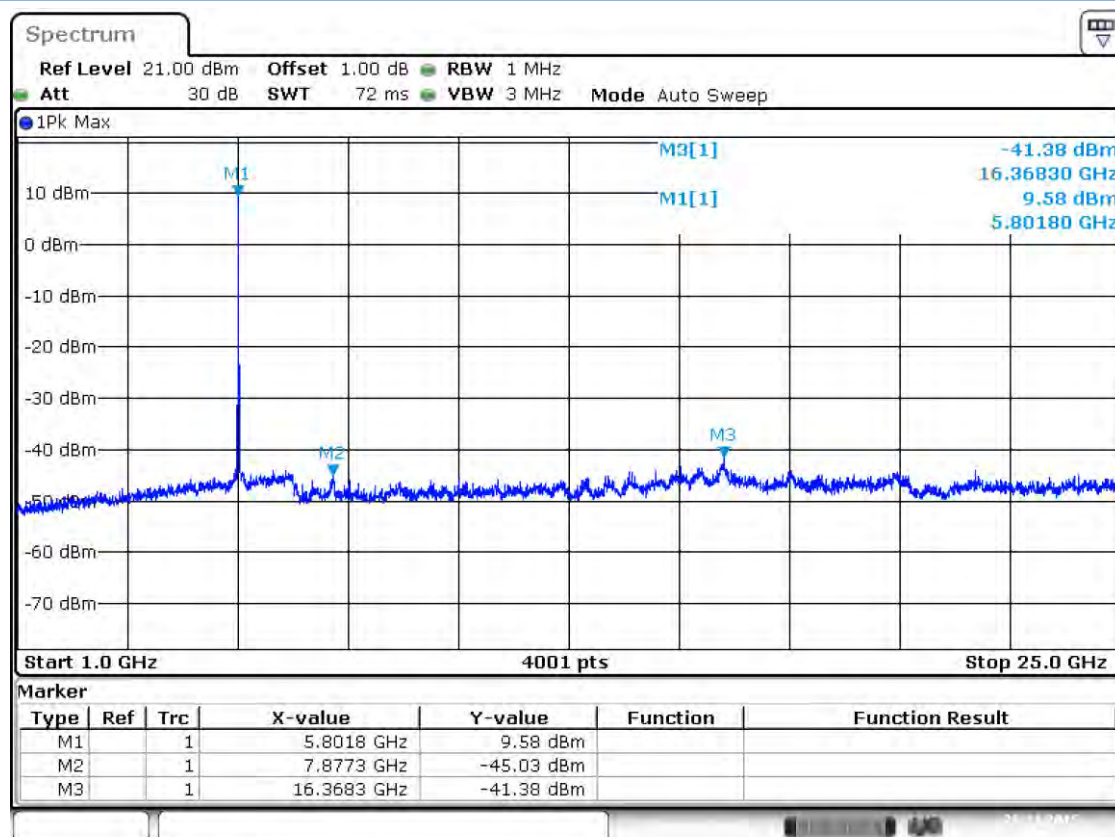
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH161

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.03	0	3	3.7	PK	53.93	88.54	34.61	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.54	N/A	Note 3	PASS
16368.3	-41.38	0	3	3.7	PK	57.58	88.54	30.96	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.54	N/A	Note 3	PASS
5801.8	9.58	0	3	3.7	PK	108.54	N/A	N/A	Note 1	N/A
	-15.27		3	3.7	AV	83.69	N/A	N/A		N/A

Test Plots

Band IV 11a CH161, SPURIOUS 1 GHz ~ 25 GHz



Date: 26 NOV 2015 10:53:49

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

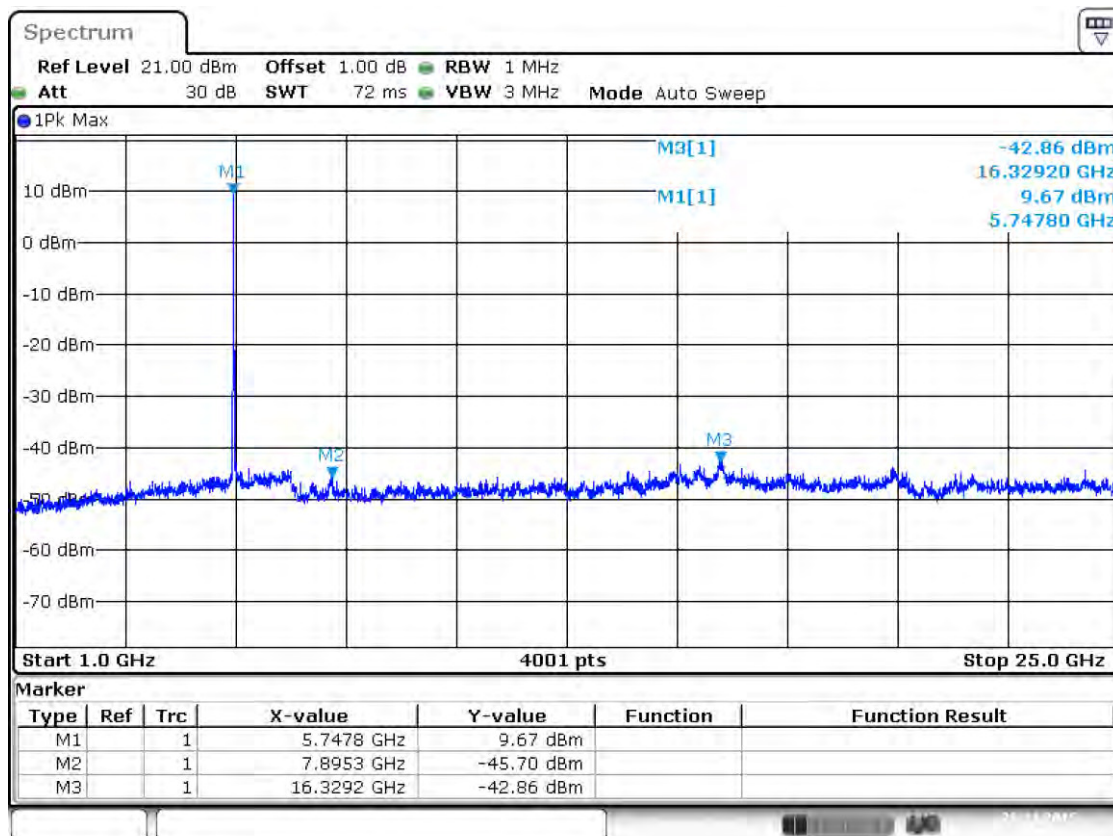
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7895.3	-45.7	0	3	3.7	PK	53.26	88.63	35.37	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.63	N/A	Note 3	PASS
16329.2	-42.86	0	3	3.7	PK	56.10	88.63	32.53	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.63	N/A	Note 3	PASS
5747.8	9.67	0	3	3.7	PK	108.63	N/A	N/A	Note 1	N/A
	-15.18		3	3.7	AV	83.78	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:05:13

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

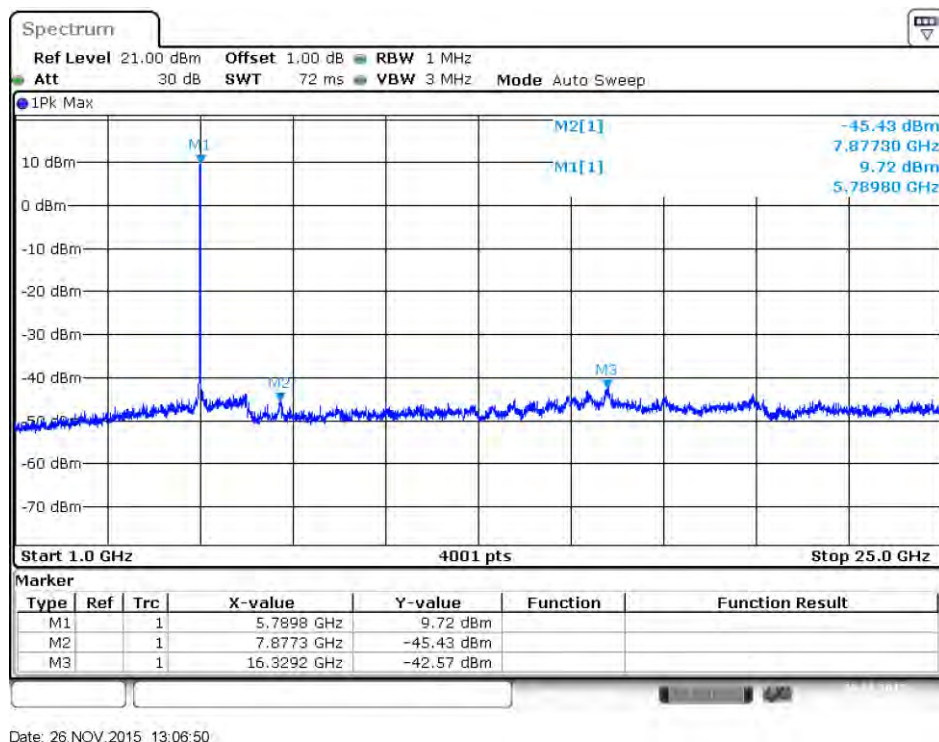
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.43	0	3	3.7	PK	53.53	88.68	35.15	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.68	N/A	Note 3	PASS
16329.2	-42.57	0	3	3.7	PK	56.39	88.68	32.29	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.68	N/A	Note 3	PASS
5789.8	9.72	0	3	3.7	PK	108.68	N/A	N/A	Note 1	N/A
	-15.13		3	3.7	AV	83.83	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH157, SPURIOUS 1 GHz ~ 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

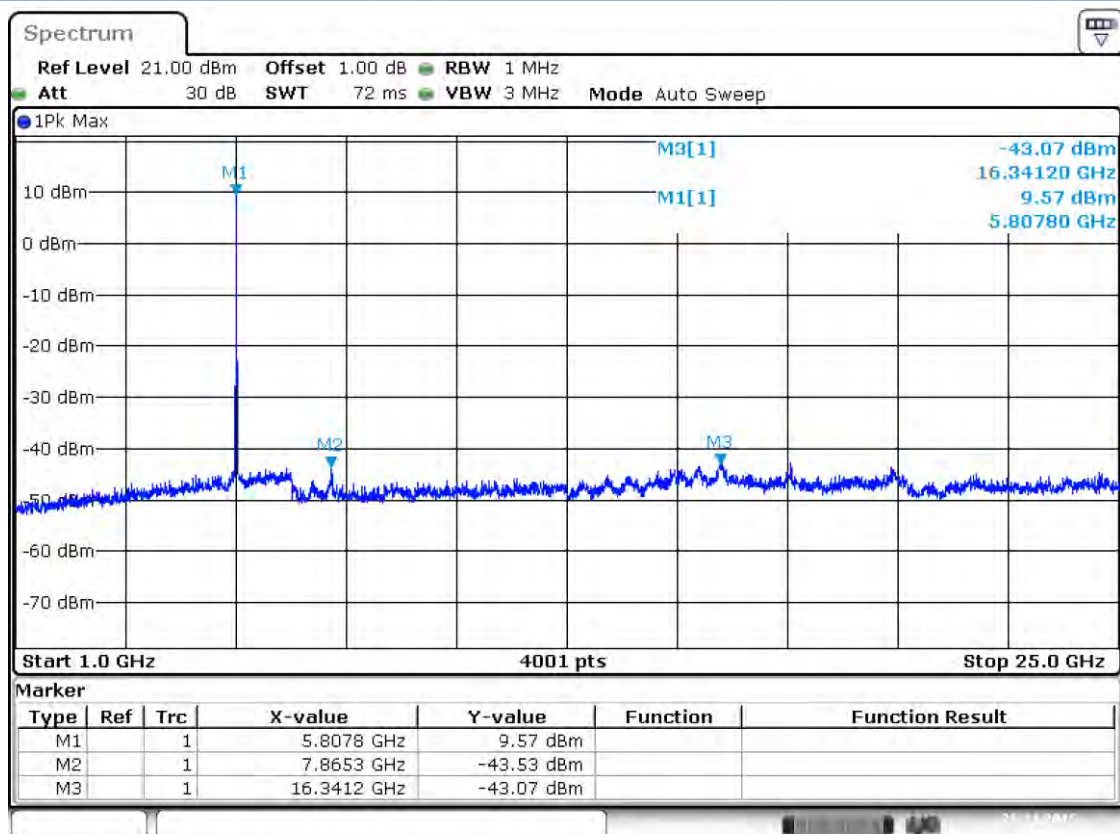
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH161

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.53	0	3	3.7	PK	53.43	88.53	35.10	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.53	N/A	Note 3	PASS
16341.2	-43.07	0	3	3.7	PK	55.89	88.53	32.64	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.53	N/A	Note 3	PASS
5807.8	9.57	0	3	3.7	PK	108.53	N/A	N/A	Note 1	N/A
	-15.28		3	3.7	AV	83.68	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH161, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:08:06

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

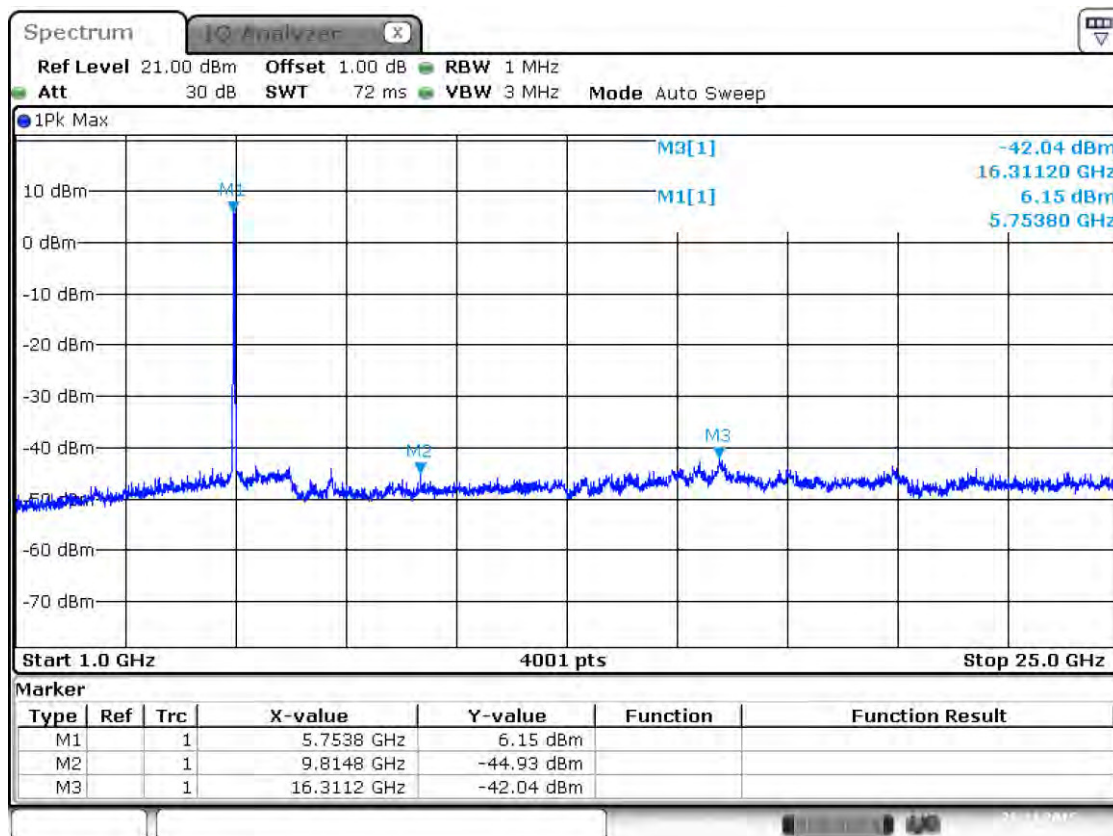
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9814.8	-44.93	0	3	3.7	PK	54.03	85.11	31.08	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.11	N/A	Note 3	PASS
16311.2	-42.04	0	3	3.7	PK	56.92	85.11	28.19	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.11	N/A	Note 3	PASS
5753.8	6.15	0	3	3.7	PK	105.11	N/A	N/A	Note 1	N/A
	-18.70		3	3.7	AV	80.26	N/A	N/A		N/A

Test Plots

Band IV 11n(HT40) CH151, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:17:17

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

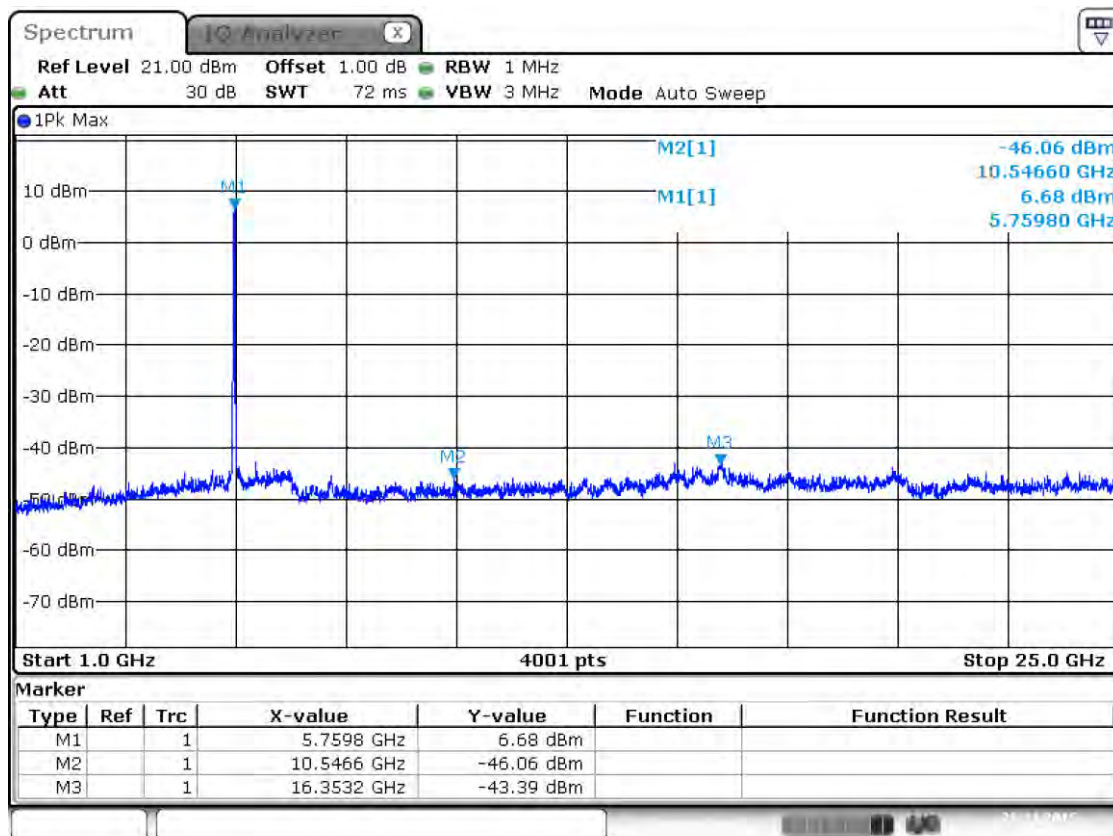
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
10546.6	-46.06	0	3	3.7	PK	52.90	85.64	32.74	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.64	N/A	Note 3	PASS
16353.2	-43.39	0	3	3.7	PK	55.57	85.64	30.07	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.64	N/A	Note 3	PASS
5759.8	6.68	0	3	3.7	PK	105.64	N/A	N/A	Note 1	N/A
	-18.17		3	3.7	AV	80.79	N/A	N/A		N/A

Test Plots

Band IV 11n(HT40) CH159, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:18:18

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

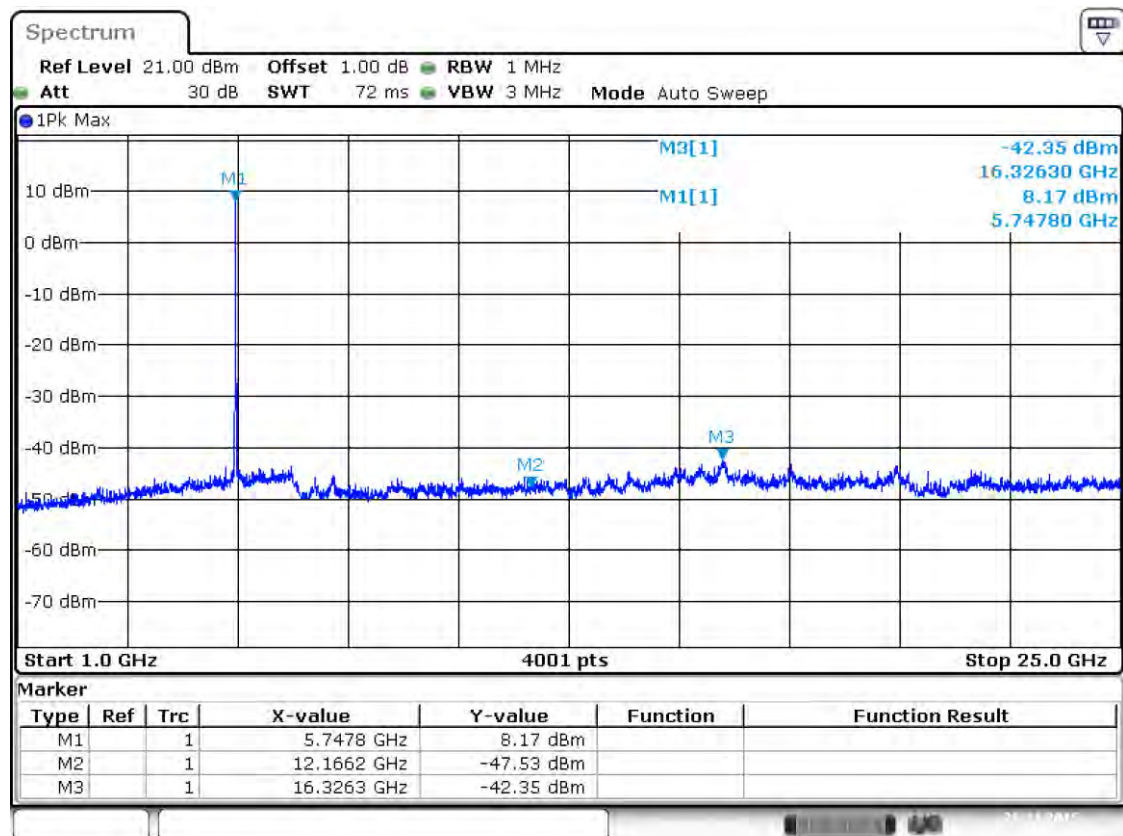
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12166.2	-47.53	0	3	3.7	PK	51.43	74.00	22.57	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
16326.3	-42.35	0	3	3.7	PK	56.61	87.13	30.52	Note 2	PASS
	N/A		3	3.7	AV	N/A	67.13	N/A	Note 3	PASS
5757.8	8.17	0	3	3.7	PK	107.13	N/A	N/A	Note 1	N/A
	-16.68		3	3.7	AV	82.28	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT20) CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:46:19

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

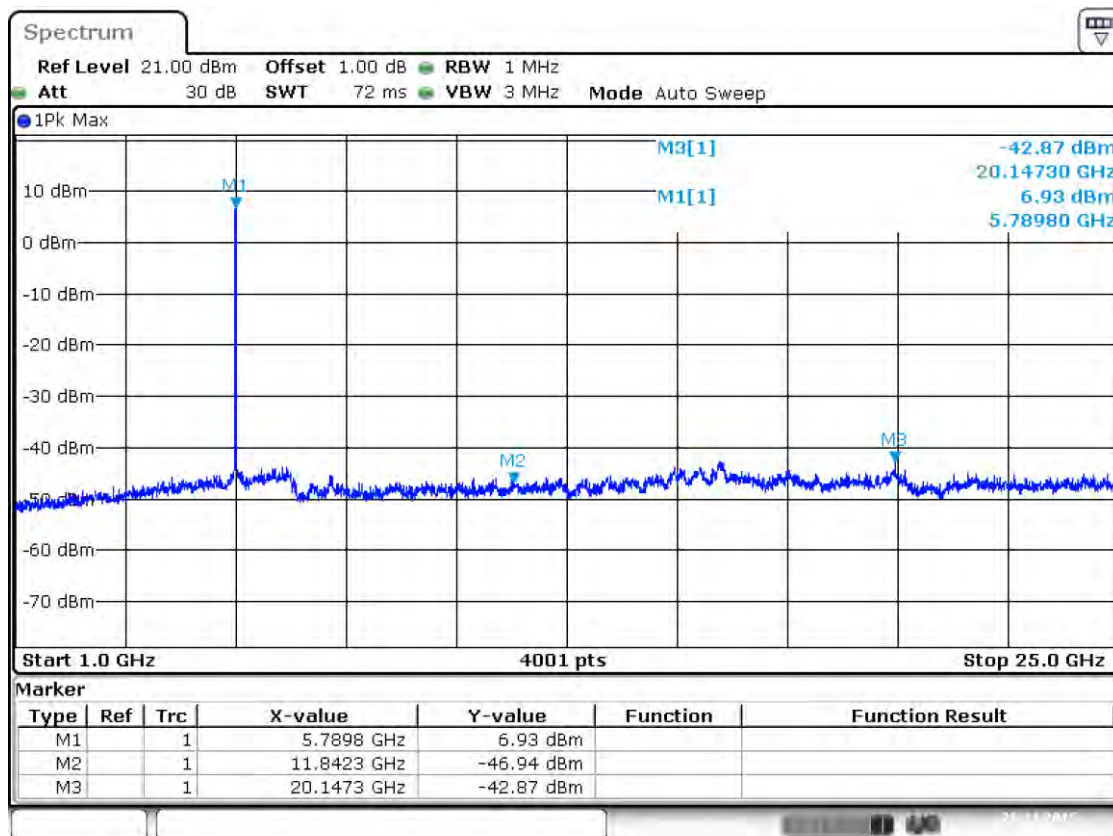
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11842.3	-46.94	0	3	3.7	PK	52.02	74.00	21.98	--	PASS
	-71.79		3	3.7	AV	27.17	54.00	26.83	--	PASS
20147.3	-42.87	0	3	3.7	PK	56.09	74.00	17.91	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
5789.9	6.93	0	3	3.7	PK	105.89	N/A	N/A	Note 1	N/A
	-17.92		3	3.7	AV	81.04	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT20) CH157, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:48:01

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

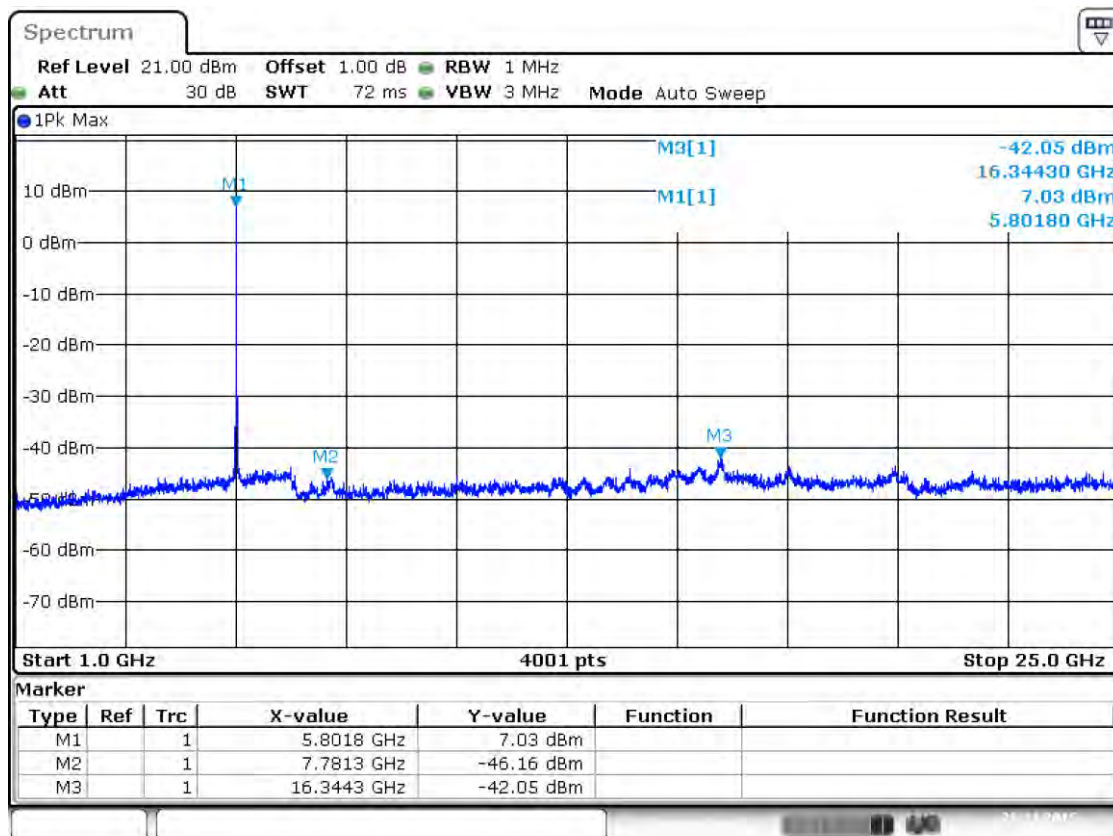
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) CH161

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7781.3	-46.16	0	3	3.7	PK	52.80	85.99	33.19	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.99	N/A	Note 3	PASS
16344.3	-42.05	0	3	3.7	PK	56.91	85.99	29.08	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.99	N/A	Note 3	PASS
5801.8	7.03	0	3	3.7	PK	105.99	N/A	N/A	Note 1	N/A
	-17.82		3	3.7	AV	81.14	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT20) CH161, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:49:37

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

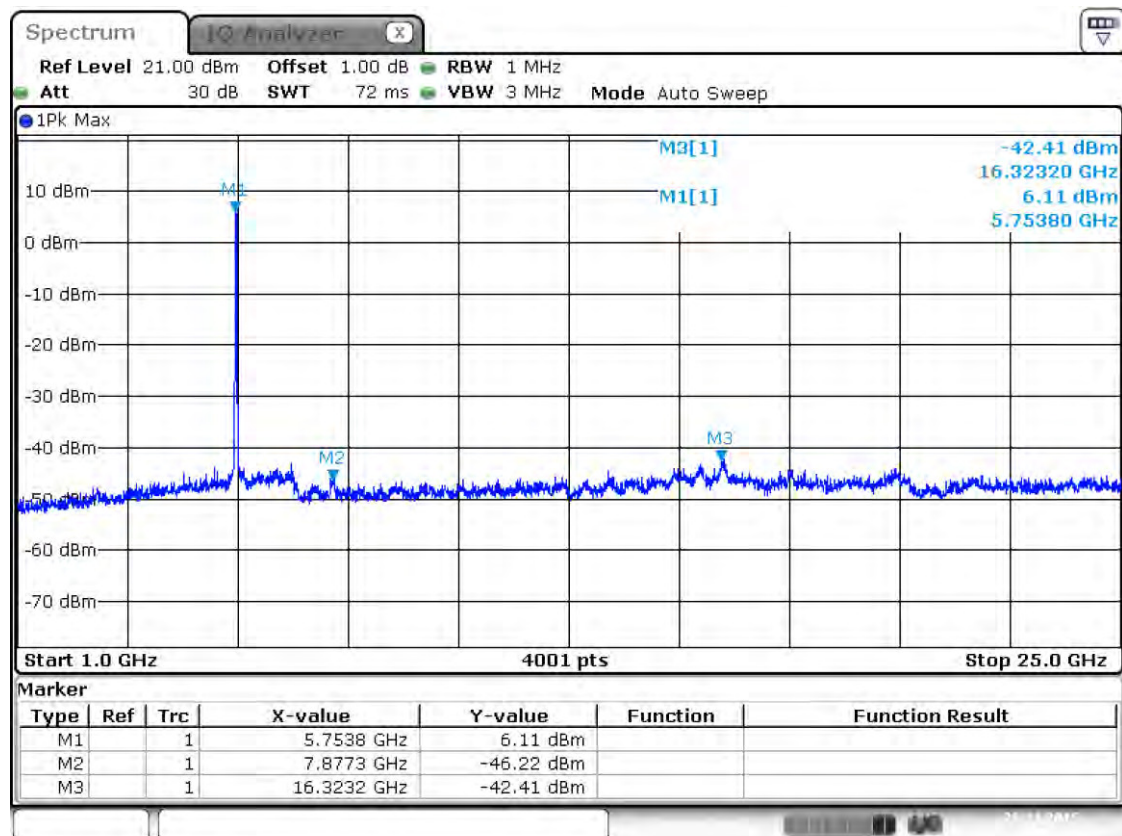
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-46.22	0	3	3.7	PK	52.74	85.07	32.33	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.07	N/A	Note 3	PASS
16323.2	-42.41	0	3	3.7	PK	56.55	85.07	28.52	Note 2	PASS
	N/A		3	3.7	AV	N/A	65.07	N/A	Note 3	PASS
5753.8	6.11	0	3	3.7	PK	105.07	N/A	N/A	Note 1	N/A
	-18.74		3	3.7	AV	80.22	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT40) CH151, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:03:49

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

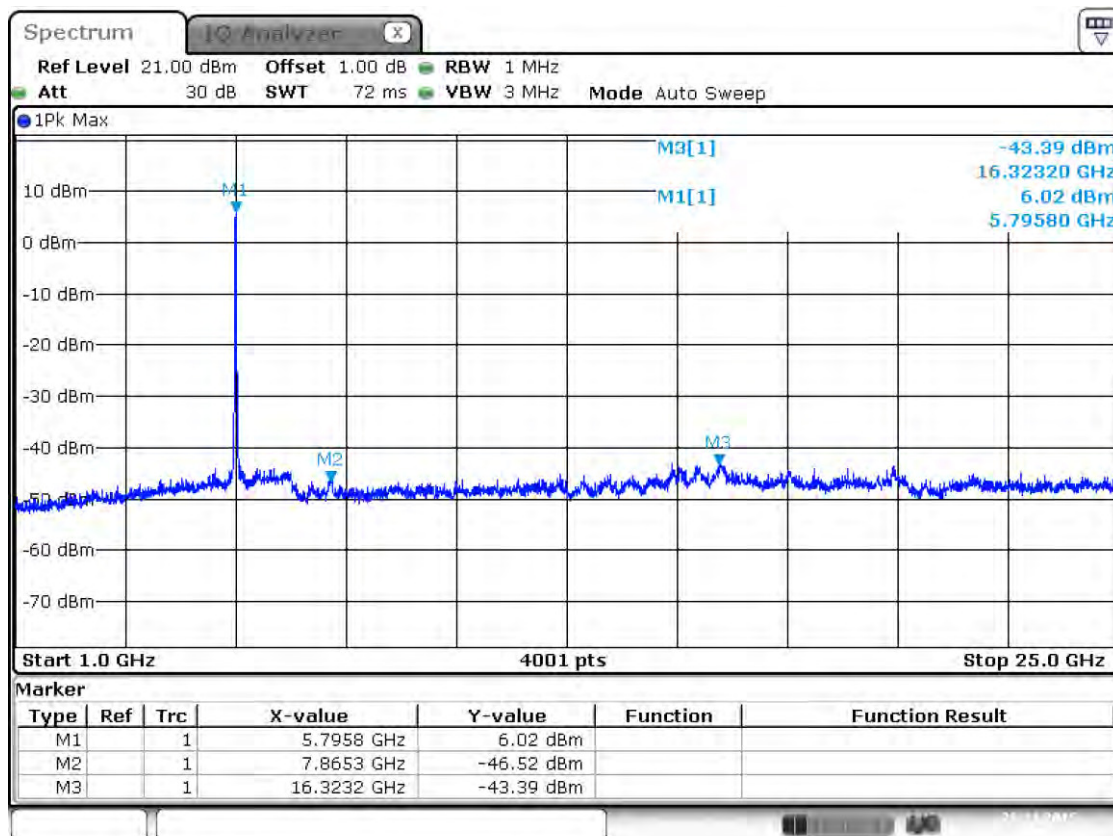
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-46.52	0	3	3.7	PK	52.44	72.94	20.50	Note 2	PASS
	N/A		3	3.7	AV	N/A	52.94	N/A	Note 3	PASS
16323.2	-43.39	0	3	3.7	PK	55.57	72.94	17.37	Note 2	PASS
	N/A		3	3.7	AV	N/A	52.94	N/A	Note 3	PASS
5795.8	-6.02	0	3	3.7	PK	92.94	N/A	N/A	Note 1	N/A
	-30.87		3	3.7	AV	68.09	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT40) CH159, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:05:20

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

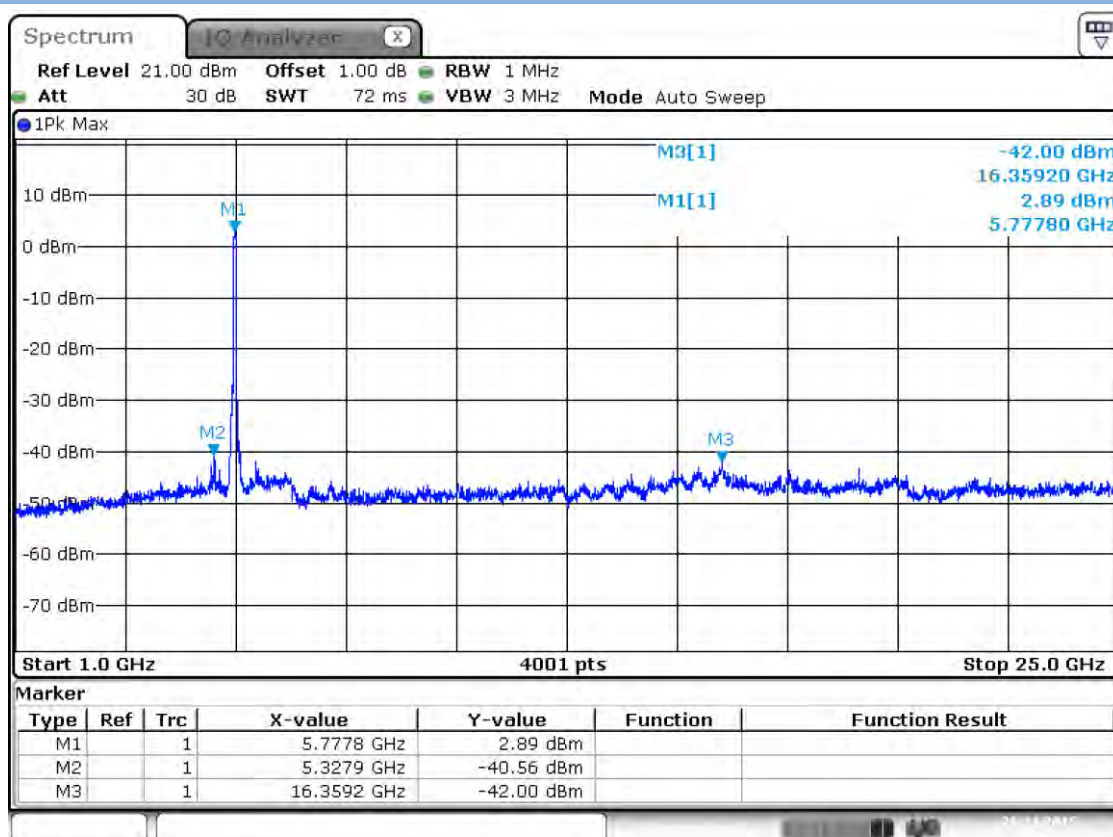
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT80) CH155

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
5327.9	-40.56	0	3	3.7	PK	58.40	81.85	23.45	Note 2	PASS
	N/A		3	3.7	AV	N/A	61.85	N/A	Note 3	PASS
16359.2	-42	0	3	3.7	PK	56.96	81.85	24.89	Note 2	PASS
	N/A		3	3.7	AV	N/A	61.85	N/A	Note 3	PASS
5777.8	2.89	0	3	3.7	PK	101.85	N/A	N/A	Note 1	N/A
	-21.96		3	3.7	AV	77.00	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT80) CH155, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:24:58

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

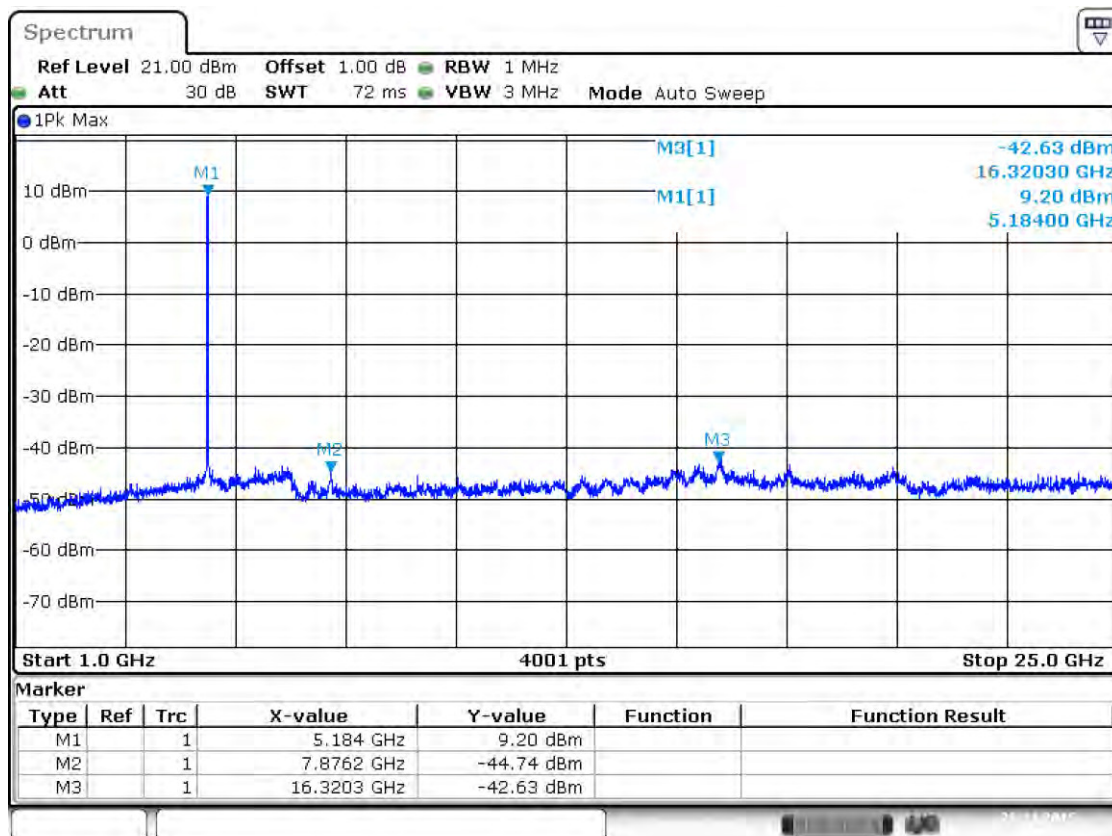
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11a CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7876.2	-44.74	0	3	3.4	PK	53.92	87.86	33.94	Note 2	PASS
	N/A		3	3.4	AV	N/A	67.86	N/A	Note 3	PASS
16320.3	-42.63	0	3	3.4	PK	56.03	87.86	31.83	Note 2	PASS
	N/A		3	3.4	AV	N/A	67.86	N/A	Note 3	PASS
5184	9.2	0	3	3.4	PK	107.86	N/A	N/A	Note 1	N/A
	-15.65		3	3.4	AV	83.01	N/A	N/A		N/A

Test Plots

Band I 11a CH36, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:37:56

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

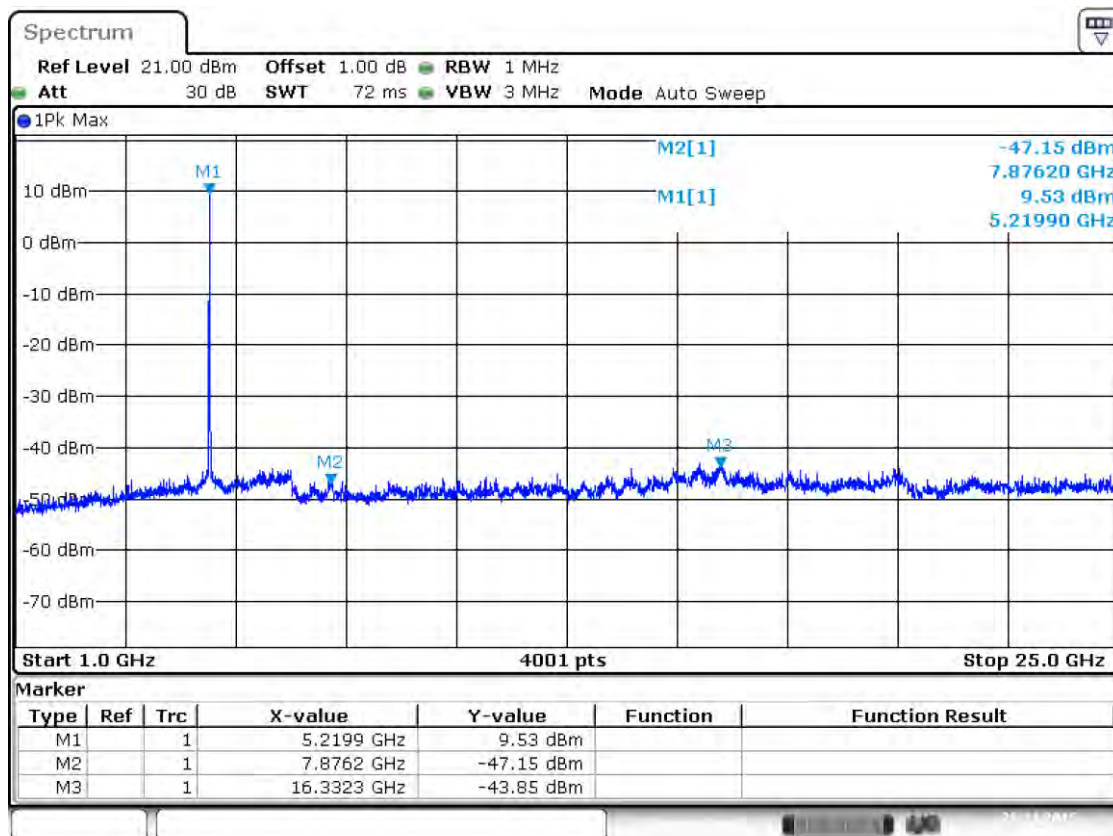
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11a CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7876.2	-47.15	0	3	3.4	PK	51.51	88.19	36.68	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.19	N/A	Note 3	PASS
16332.3	-43.85	0	3	3.4	PK	54.81	88.19	33.38	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.19	N/A	Note 3	PASS
5219.9	9.53	0	3	3.4	PK	108.19	N/A	N/A	Note 1	N/A
	-15.32		3	3.4	AV	83.34	N/A	N/A		N/A

Test Plots

Band I 11a CH44, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:39:45

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

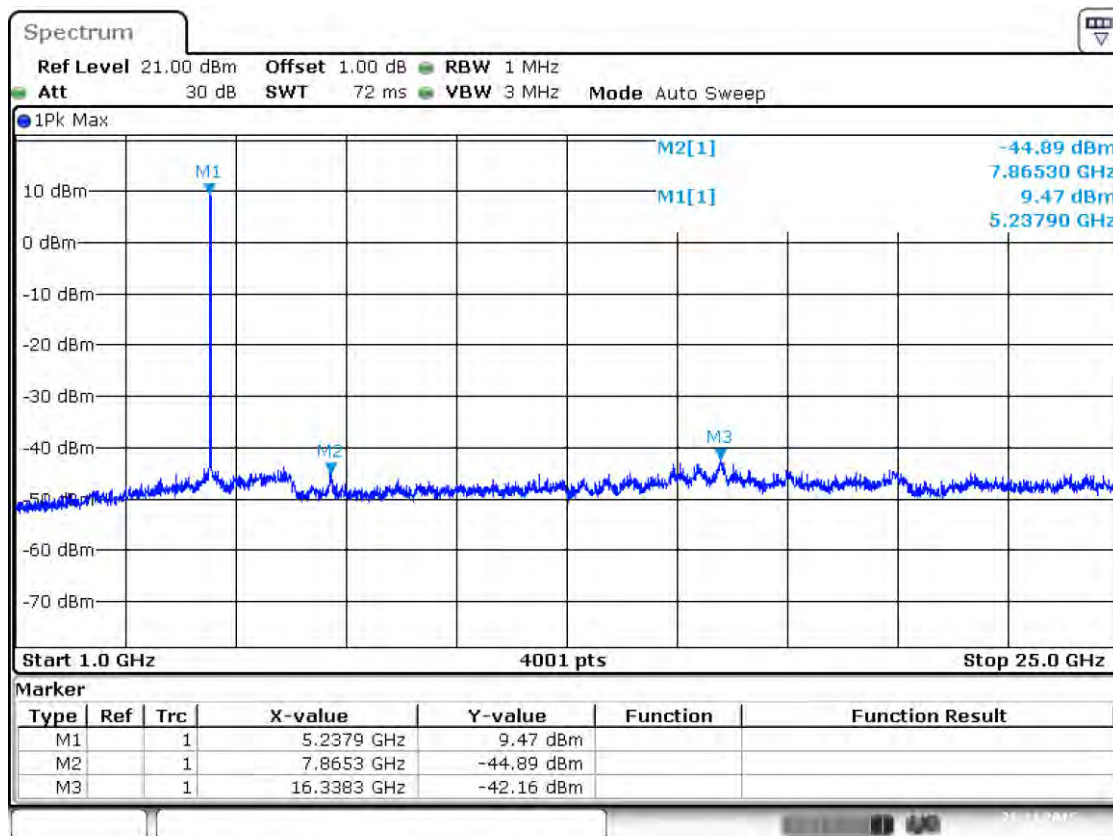
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11a CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-44.89	0	3	3.4	PK	53.77	88.13	34.36	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.13	N/A	Note 3	PASS
16338.3	-42.16	0	3	3.4	PK	56.50	88.13	31.63	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.13	N/A	Note 3	PASS
5237.9	9.47	0	3	3.4	PK	108.13	N/A	N/A	Note 1	N/A
	-15.38		3	3.4	AV	83.28	N/A	N/A		N/A

Test Plots

Band I 11a CH48, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:43:54

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

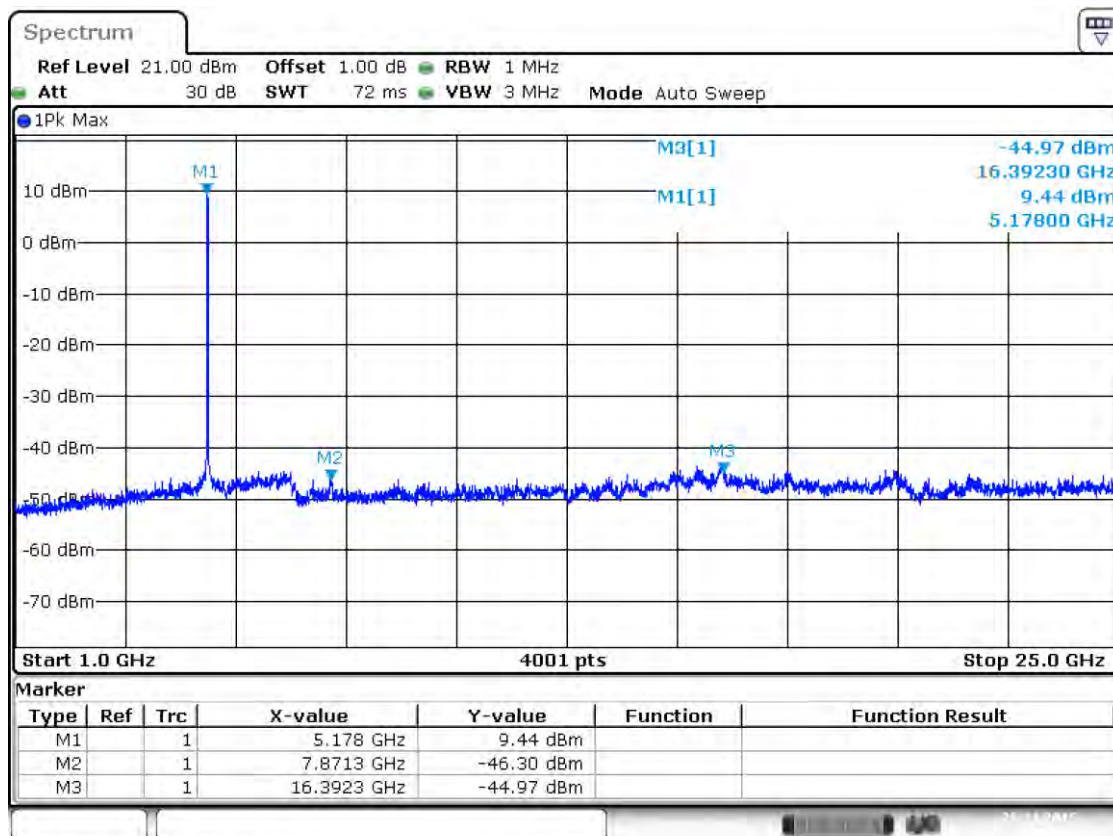
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11n(HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7871.3	-46.3	0	3	3.4	PK	52.36	88.10	35.74	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.10	N/A	Note 3	PASS
16392.3	-44.97	0	3	3.4	PK	53.69	88.10	34.41	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.10	N/A	Note 3	PASS
5178	9.44	0	3	3.4	PK	108.10	N/A	N/A	Note 1	N/A
	-15.41		3	3.4	AV	83.25	N/A	N/A		N/A

Test Plots

Band I 11n(HT20) CH36, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:52:03

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

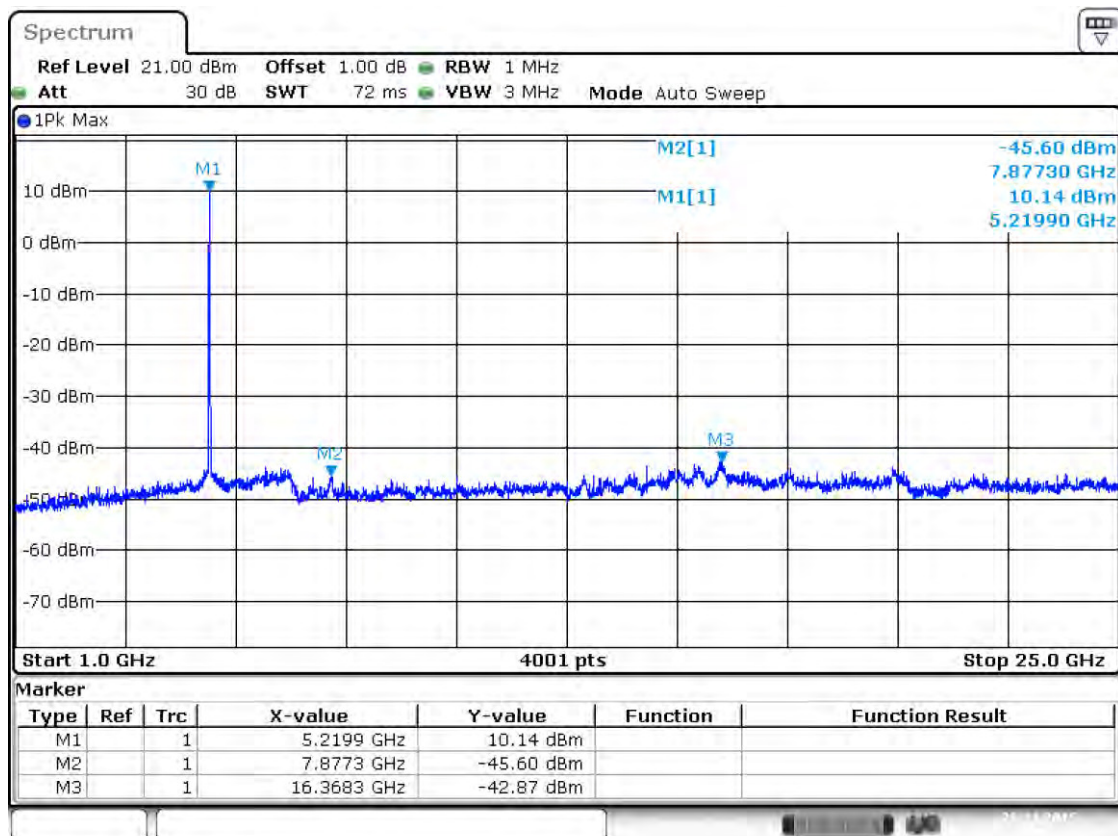
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11n(HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.6	0	3	3.4	PK	53.06	88.80	35.74	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.80	N/A	Note 3	PASS
16368.3	-42.87	0	3	3.4	PK	55.79	88.80	33.01	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.80	N/A	Note 3	PASS
5219.9	10.14	0	3	3.4	PK	108.80	N/A	N/A	Note 1	N/A
	-14.71		3	3.4	AV	83.95	N/A	N/A		N/A

Test Plots

Band I 11n(HT20) CH44, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:53:33

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

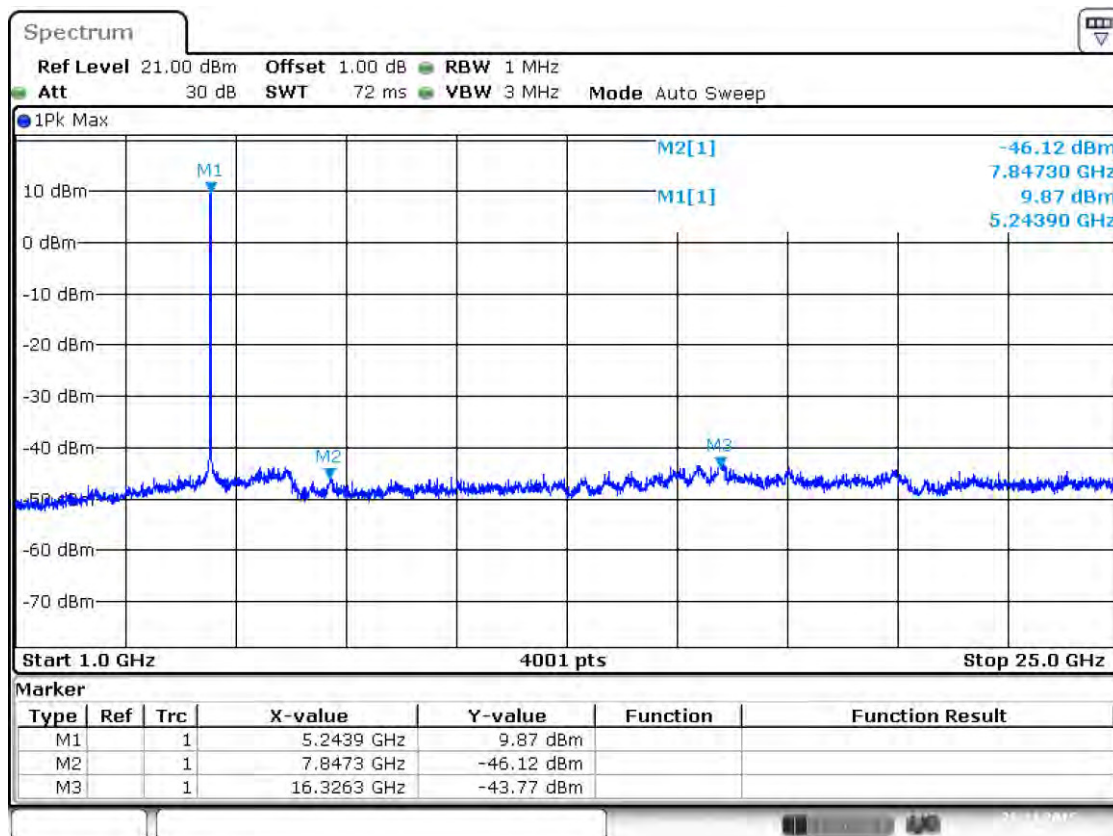
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11n(HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7847.3	-46.12	0	3	3.4	PK	52.54	88.53	35.99	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.53	N/A	Note 3	PASS
16326.3	-43.77	0	3	3.4	PK	54.89	88.53	33.64	Note 2	PASS
	N/A		3	3.4	AV	N/A	68.53	N/A	Note 3	PASS
5243.9	9.87	0	3	3.4	PK	108.53	N/A	N/A	Note 1	N/A
	-14.98		3	3.4	AV	83.68	N/A	N/A		N/A

Test Plots

Band I 11n(HT20) CH48, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:55:49

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

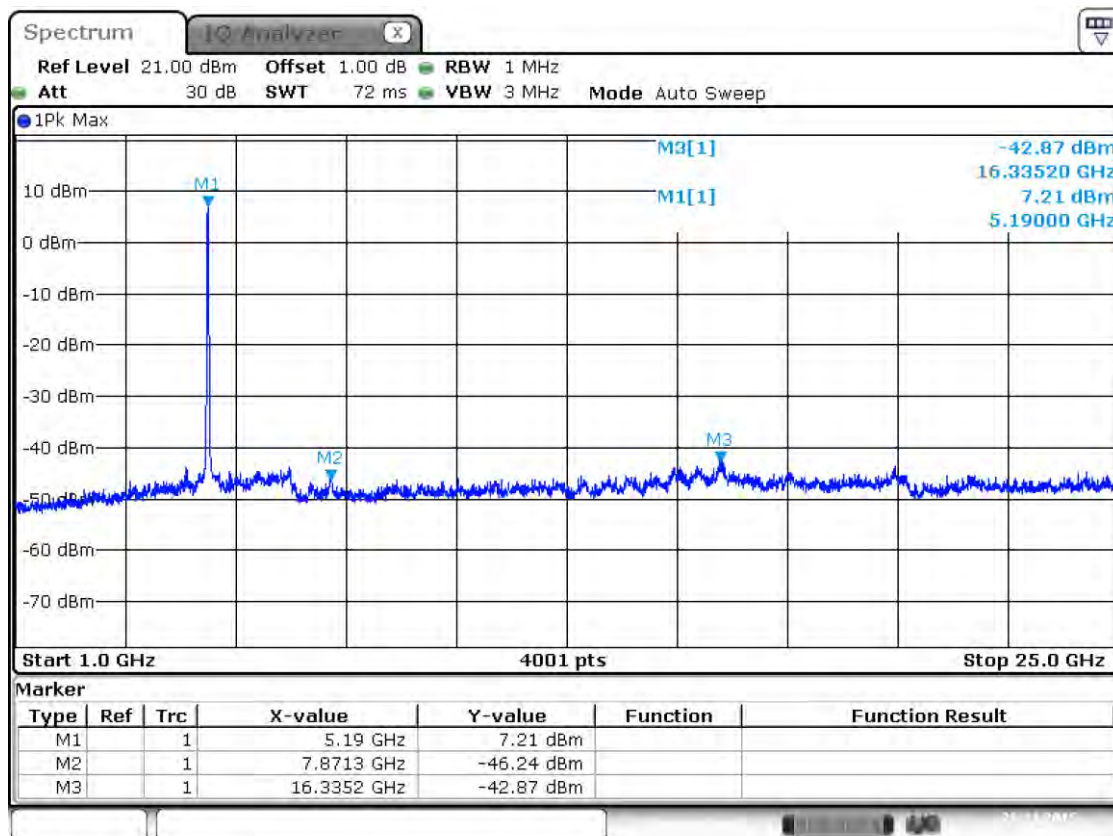
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11n(HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7871.3	-46.24	0	3	3.4	PK	52.42	85.87	33.45	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.87	N/A	Note 3	PASS
16335.2	-42.87	0	3	3.4	PK	55.79	85.87	30.08	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.87	N/A	Note 3	PASS
5190	7.21	0	3	3.4	PK	105.87	N/A	N/A	Note 1	N/A
	-17.64		3	3.4	AV	81.02	N/A	N/A		N/A

Test Plots

Band I 11n(HT40) CH38, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:10:45

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

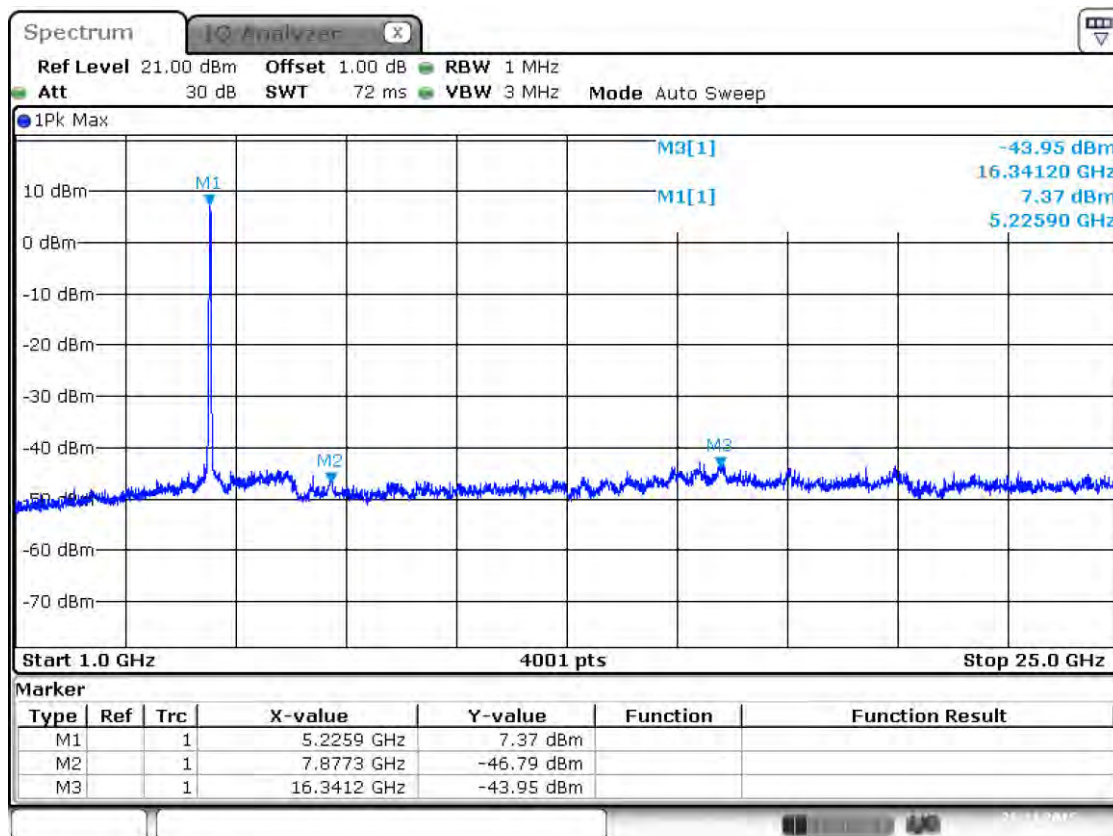
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11n(HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-46.79	0	3	3.4	PK	51.87	86.03	34.16	Note 2	PASS
	N/A		3	3.4	AV	N/A	66.03	N/A	Note 3	PASS
16341.2	-43.95	0	3	3.4	PK	54.71	86.03	31.32	Note 2	PASS
	N/A		3	3.4	AV	N/A	66.03	N/A	Note 3	PASS
5225.9	7.37	0	3	3.4	PK	106.03	N/A	N/A	Note 1	N/A
	-17.48		3	3.4	AV	81.18	N/A	N/A		N/A

Test Plots

Band I 11n(HT40) CH46, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:09:27

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

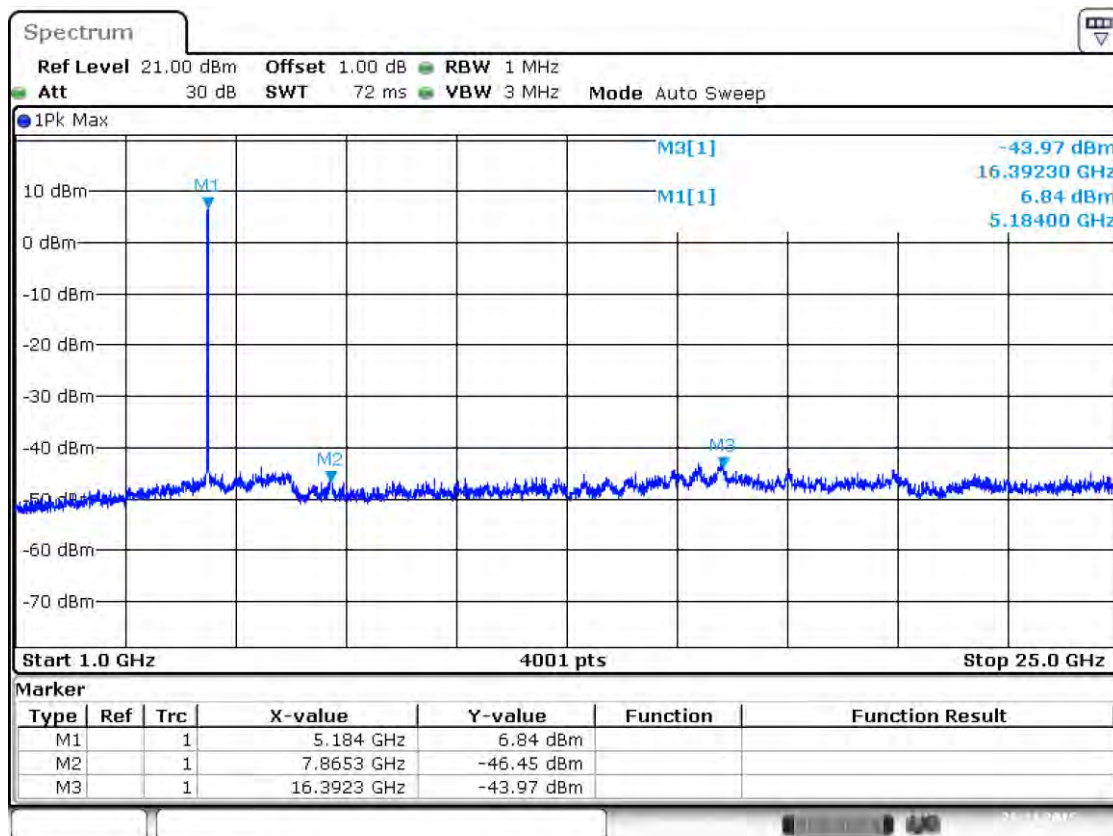
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT20) CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-46.45	0	3	3.4	PK	52.21	85.50	33.29	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.50	N/A	Note 3	PASS
16392.3	-43.97	0	3	3.4	PK	54.69	85.50	30.81	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.50	N/A	Note 3	PASS
5184	6.84	0	3	3.4	PK	105.50	N/A	N/A	Note 1	N/A
	-18.01		3	3.4	AV	80.65	N/A	N/A		N/A

Test Plots

Band I 11ac(HT20) CH36, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:55:45

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

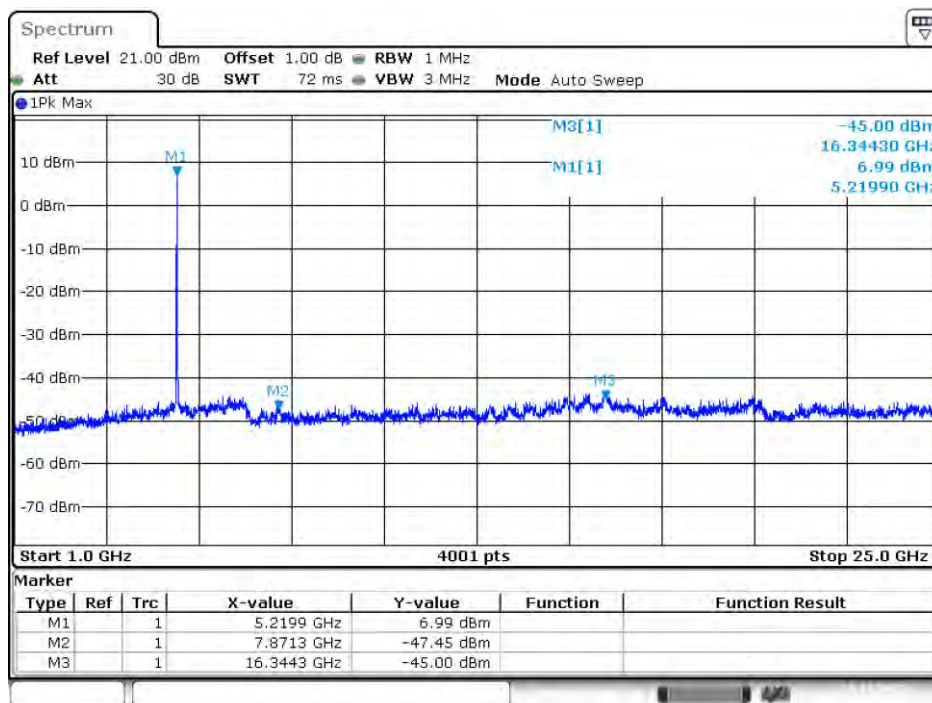
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT20) CH44

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7871.3	-47.45	0	3	3.4	PK	51.21	85.65	34.44	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.65	N/A	Note 3	PASS
16344.3	-45	0	3	3.4	PK	53.66	85.65	31.99	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.65	N/A	Note 3	PASS
5219.9	6.99	0	3	3.4	PK	105.65	N/A	N/A	Note 1	N/A
	-17.86		3	3.4	AV	80.80	N/A	N/A		N/A

Test Plots

Band I 11ac(HT20) CH44, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:56:44

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

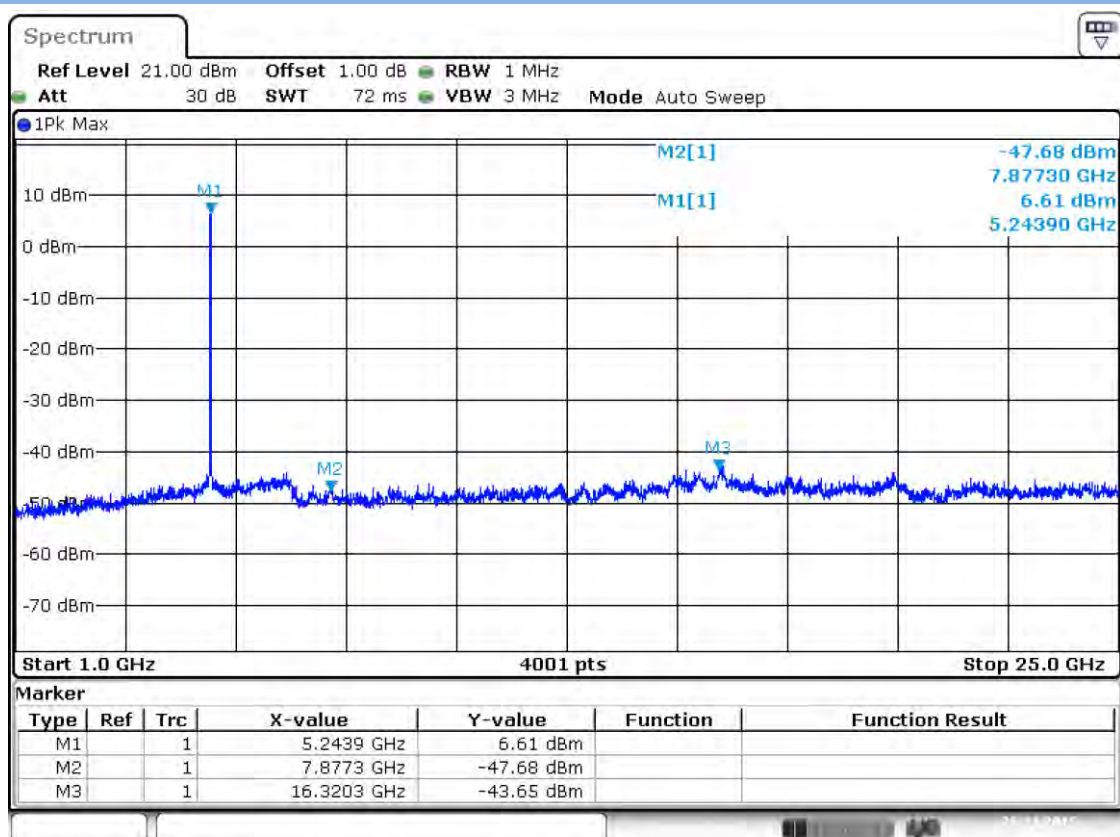
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT20) CH48

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-47.68	0	3	3.4	PK	50.98	85.27	34.29	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.27	N/A	Note 3	PASS
16320.3	-43.65	0	3	3.4	PK	55.01	85.27	30.26	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.27	N/A	Note 3	PASS
5243.9	6.61	0	3	3.4	PK	105.27	N/A	N/A	Note 1	N/A
	-18.24		3	3.4	AV	80.42	N/A	N/A		N/A

Test Plots

Band I 11ac(HT20) CH48, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:57:45

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

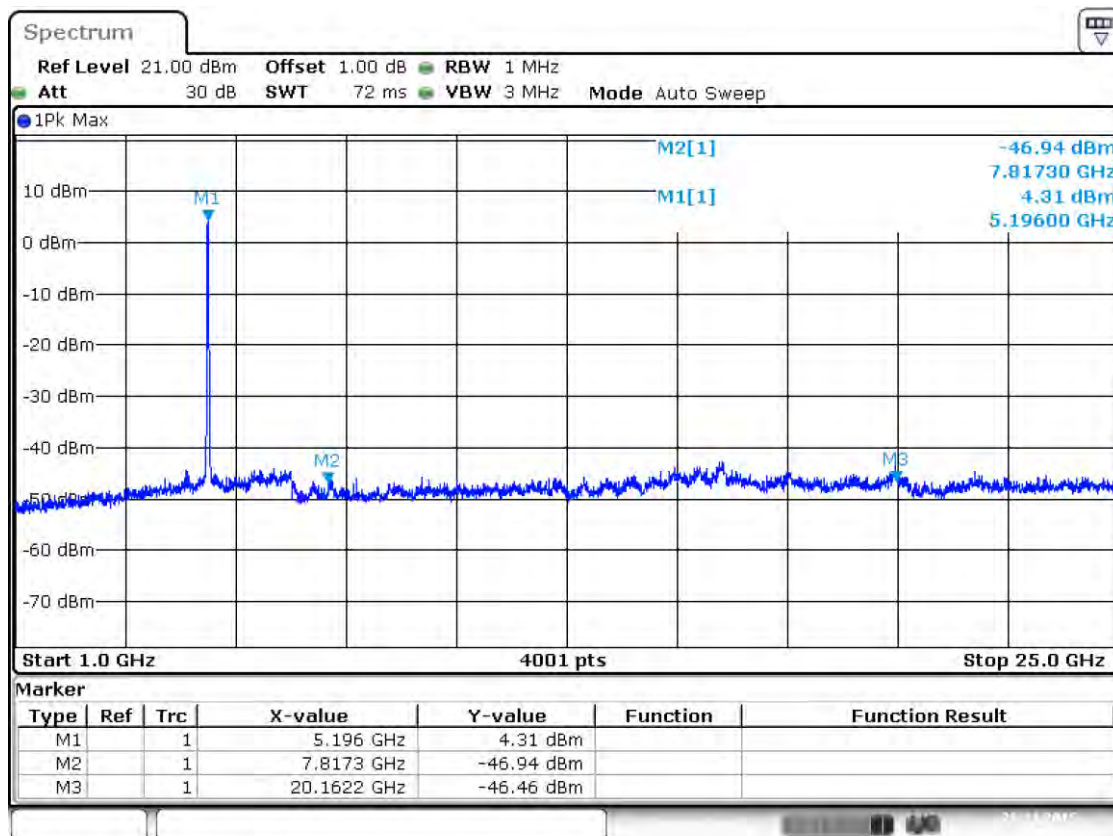
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT40) CH38

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7817.3	-46.94	0	3	3.4	PK	51.72	82.97	31.25	Note 2	PASS
	N/A		3	3.4	AV	N/A	62.97	N/A	Note 3	PASS
20162.2	-46.46	0	3	3.4	PK	52.20	74.00	21.80	--	PASS
	N/A		3	3.4	AV	N/A	54.00	N/A	Note 3	PASS
5196	4.31	0	3	3.4	PK	102.97	N/A	N/A	Note 1	N/A
	-20.54		3	3.4	AV	78.12	N/A	N/A		N/A

Test Plots

Band I 11ac(HT40) CH38, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:14:47

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

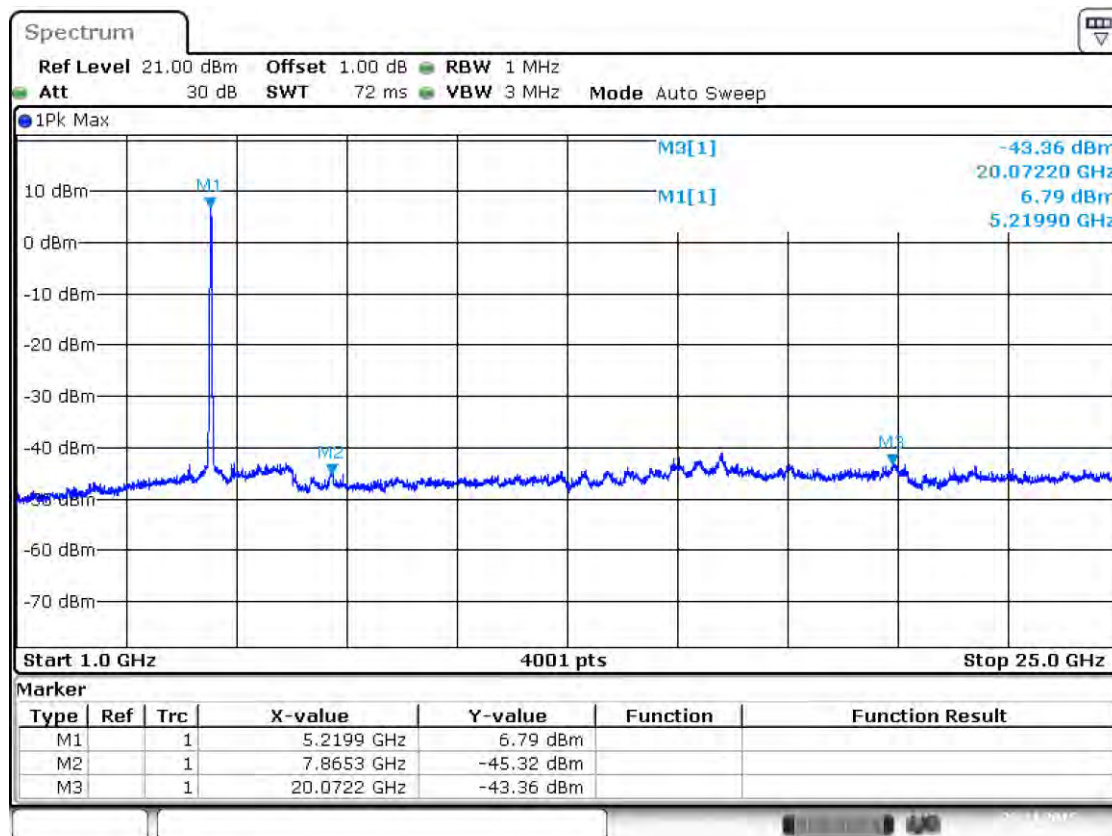
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT40) CH46

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.32	0	3	3.4	PK	53.34	85.45	32.11	Note 2	PASS
	N/A		3	3.4	AV	N/A	65.45	N/A	Note 3	PASS
20072.2	-43.36	0	3	3.4	PK	55.30	74.00	18.70	--	PASS
	N/A		3	3.4	AV	N/A	54.00	N/A	Note 3	PASS
5219.9	6.79	0	3	3.4	PK	105.45	N/A	N/A	Note 1	N/A
	-18.06		3	3.4	AV	80.60	N/A	N/A		N/A

Test Plots

Band I 11ac(HT40) CH46, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:28:00

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.4 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

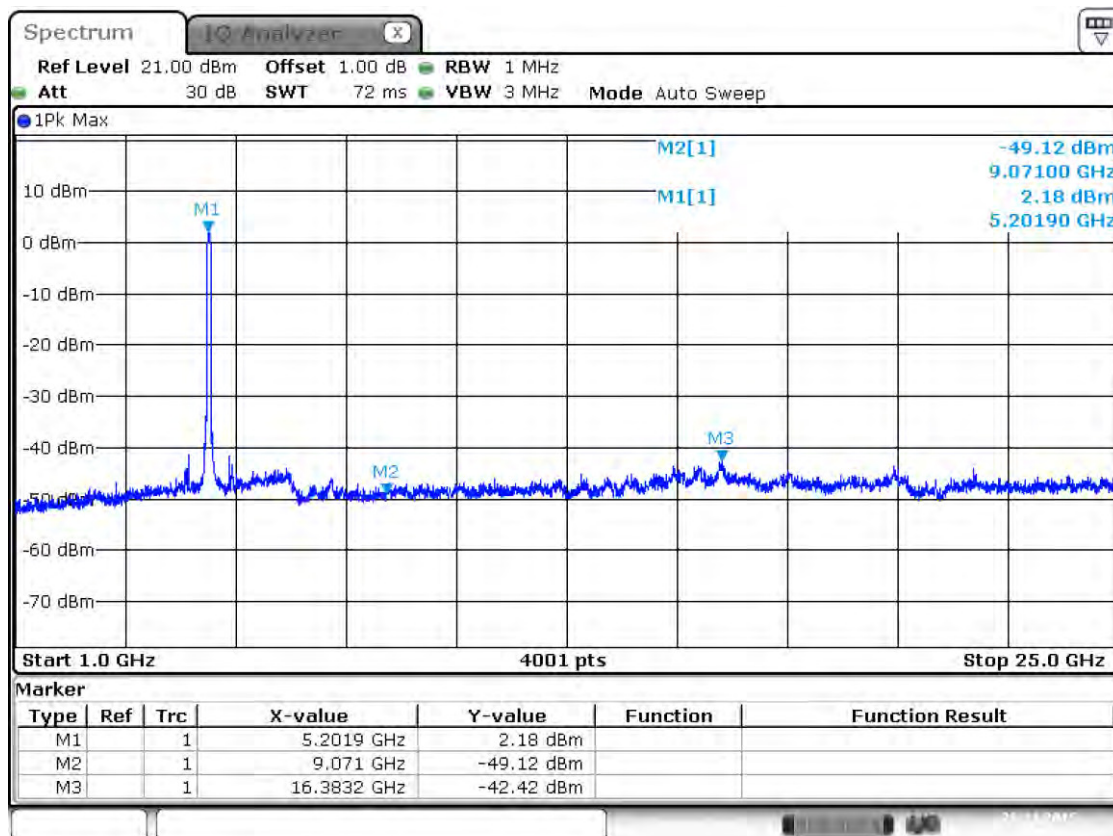
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT80) CH42

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9071	-49.12	0	3	3.4	PK	49.54	74.00	24.46	--	PASS
	N/A		3	3.4	AV	N/A	54.00	N/A	Note 3	PASS
16383.2	-42.42	0	3	3.4	PK	56.24	80.84	24.60	Note 2	PASS
	N/A		3	3.4	AV	N/A	60.84	N/A	Note 3	PASS
5201.9	2.18	0	3	3.4	PK	100.84	N/A	N/A	Note 1	N/A
	-22.67		3	3.4	AV	75.99	N/A	N/A		N/A

Test Plots

Band I 11ac(HT80) CH42, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:21:51

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

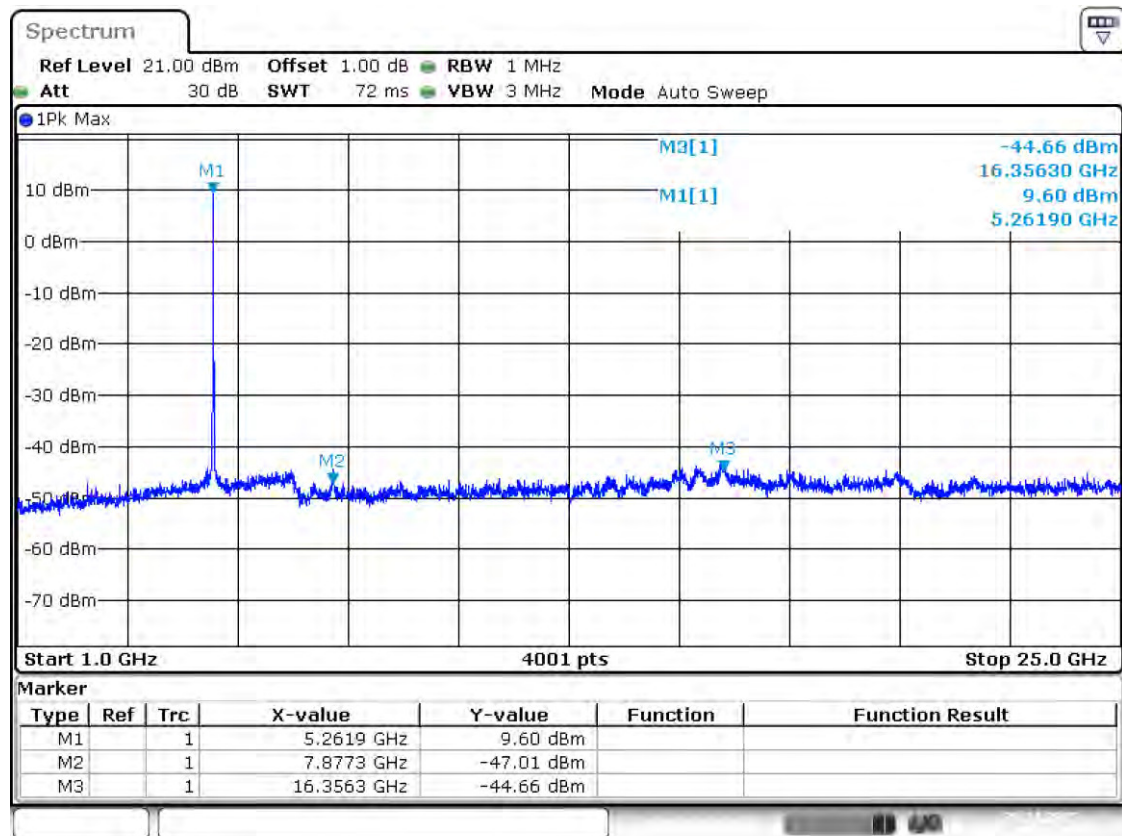
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11a CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-47.01	0	3	3.2	PK	51.45	88.06	36.61	Note 2	PASS
	N/A		3	3.2	AV	N/A	68.06	N/A	Note 3	PASS
16356.3	-44.66	0	3	3.2	PK	53.80	88.06	34.26	Note 2	PASS
	N/A		3	3.2	AV	N/A	68.06	N/A	Note 3	PASS
5261.9	9.6	0	3	3.2	PK	108.06	N/A	N/A	Note 1	N/A
	-15.25		3	3.2	AV	83.21	N/A	N/A		N/A

Test Plots

Band II 11a CH52, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:44:58

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

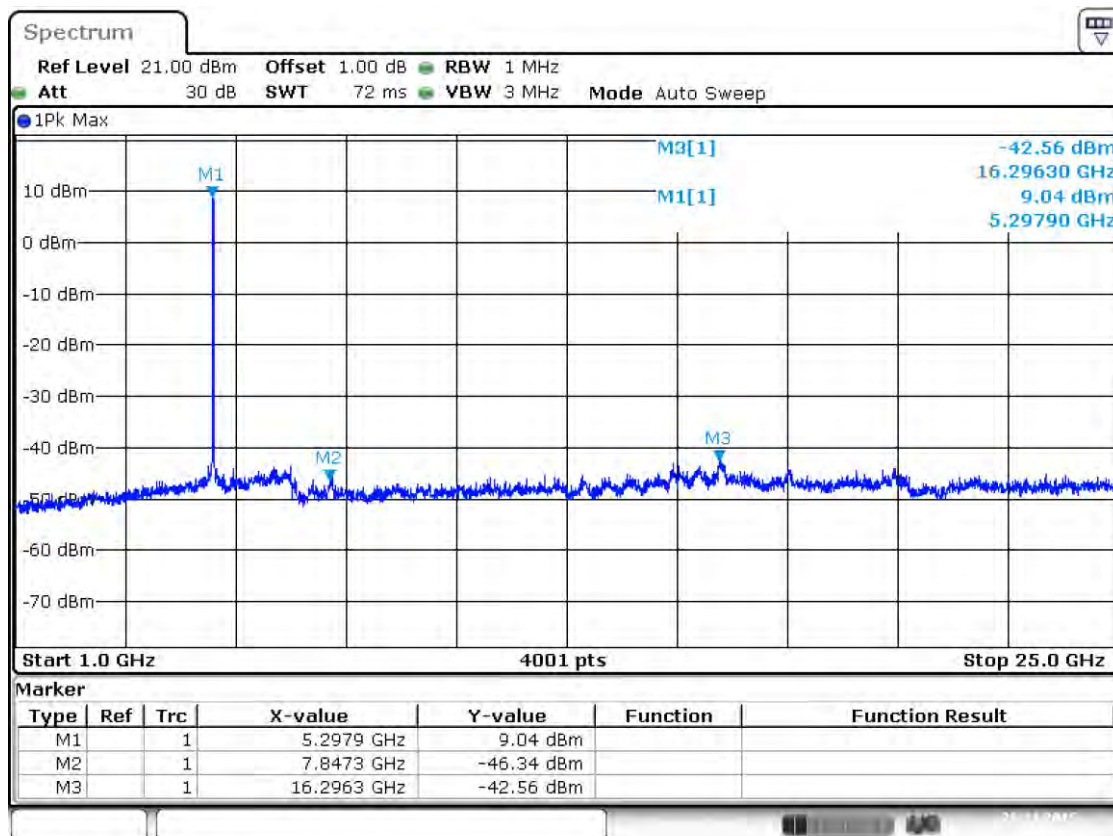
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11a CH56

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7847.3	-46.34	0	3	3.2	PK	52.12	87.50	35.38	Note 2	PASS
	N/A		3	3.2	AV	N/A	67.50	N/A	Note 3	PASS
16296.3	-42.56	0	3	3.2	PK	55.90	87.50	31.60	Note 2	PASS
	N/A		3	3.2	AV	N/A	67.50	N/A	Note 3	PASS
5297.9	9.04	0	3	3.2	PK	107.50	N/A	N/A	Note 1	N/A
	-15.81		3	3.2	AV	82.65	N/A	N/A		N/A

Test Plots

Band II 11a CH60, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:46:06

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

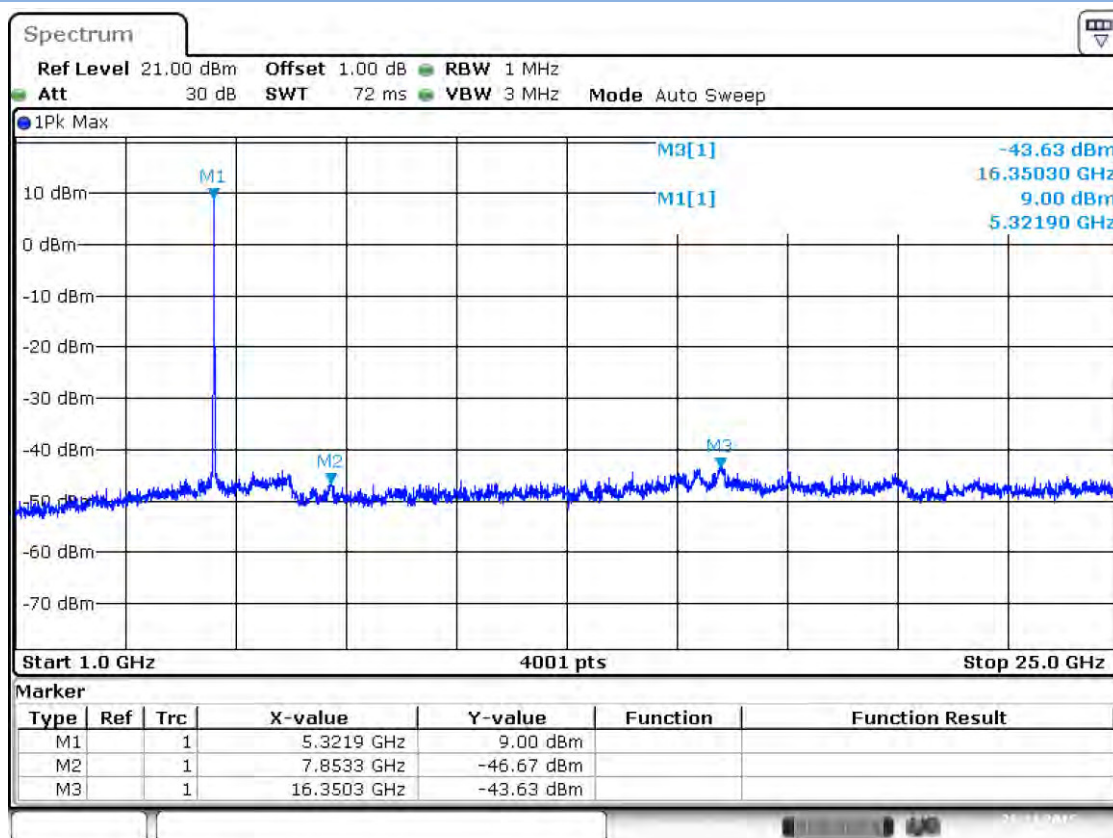
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11a CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7853.3	-46.67	0	3	3.2	PK	51.79	87.46	35.67	Note 2	PASS
	N/A		3	3.2	AV	N/A	67.46	N/A	Note 3	PASS
16350.3	-43.63	0	3	3.2	PK	54.83	87.46	32.63	Note 2	PASS
	N/A		3	3.2	AV	N/A	67.46	N/A	Note 3	PASS
5321.9	9	0	3	3.2	PK	107.46	N/A	N/A	Note 1	N/A
	-15.85		3	3.2	AV	82.61	N/A	N/A		N/A

Test Plots

Band II 11a CH64, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:47:37

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

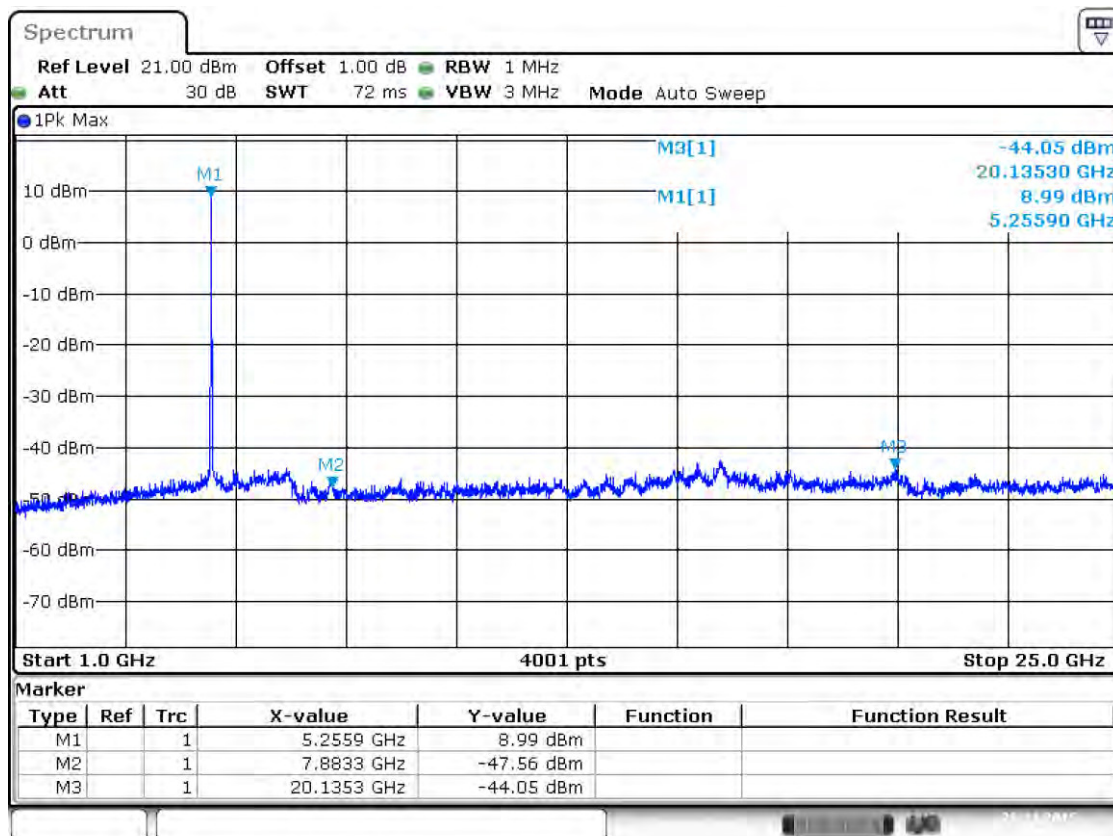
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7883.3	-47.56	0	3	3.2	PK	50.90	87.45	36.55	Note 2	PASS
	N/A		3	3.2	AV	N/A	67.45	N/A	Note 3	PASS
20135.3	-44.05	0	3	3.2	PK	54.41	74.00	19.59	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
5255.9	8.99	0	3	3.2	PK	107.45	N/A	N/A	Note 1	N/A
	-15.86		3	3.2	AV	82.60	N/A	N/A		N/A

Test Plots

Band II 11n(HT20) CH52, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:57:41

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

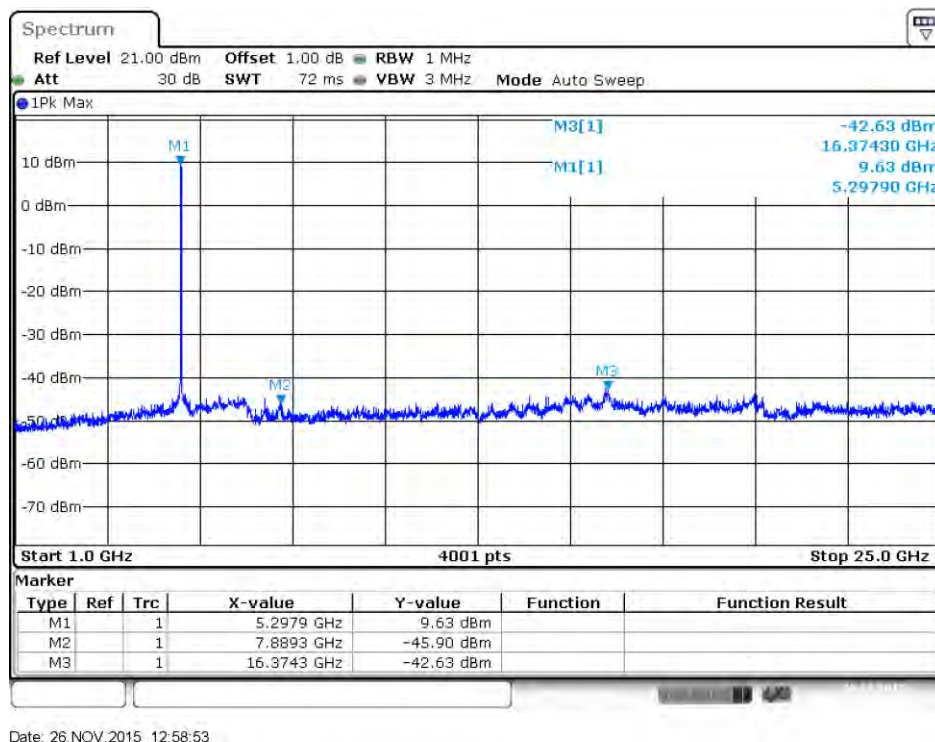
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT20) CH56

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7889.3	-45.9	0	3	3.2	PK	52.56	88.09	35.53	Note 2	PASS
	N/A		3	3.2	AV	N/A	68.09	N/A	Note 3	PASS
16374.3	-42.63	0	3	3.2	PK	55.83	88.09	32.26	Note 2	PASS
	N/A		3	3.2	AV	N/A	68.09	N/A	Note 3	PASS
5297.9	9.63	0	3	3.2	PK	108.09	N/A	N/A	Note 1	N/A
	-15.22		3	3.2	AV	83.24	N/A	N/A		N/A

Test Plots

Band II 11n(HT20) CH60, SPURIOUS 1 GHz ~ 25 GHz



The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

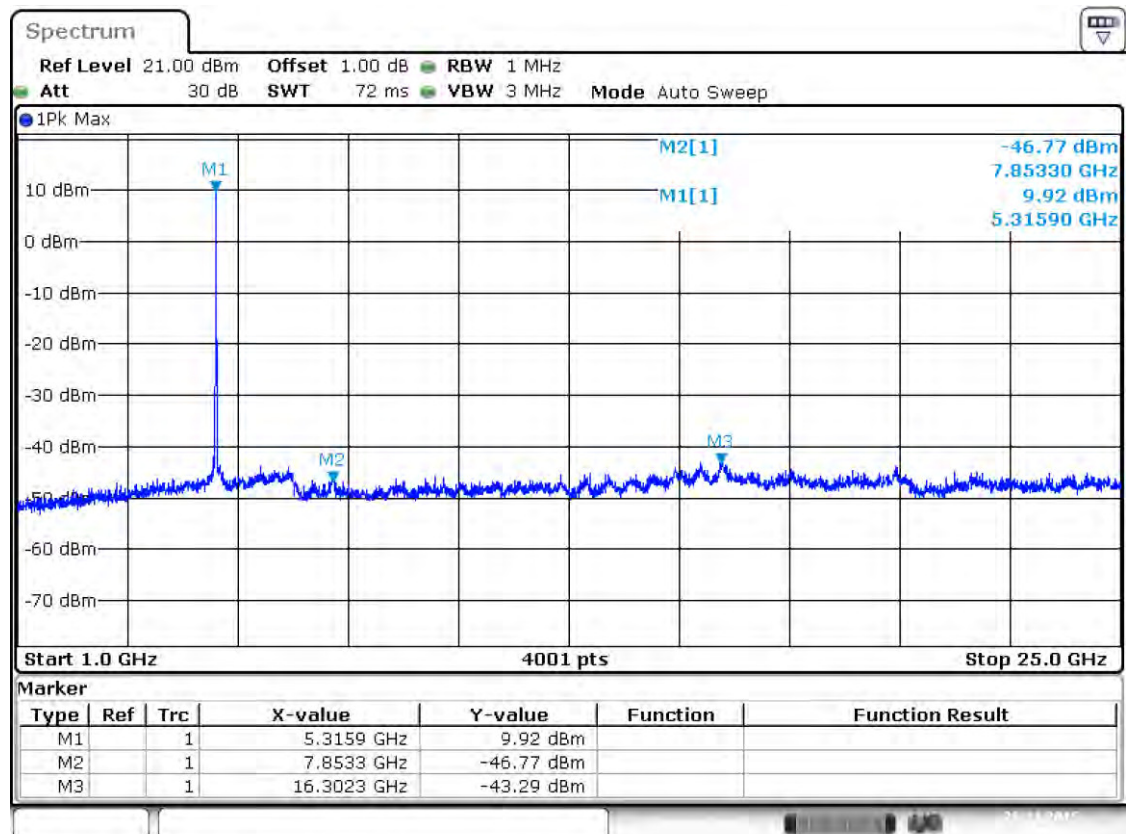
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7853.3	-46.77	0	3	3.2	PK	51.69	88.38	36.69	Note 2	PASS
	N/A		3	3.2	AV	N/A	68.38	N/A	Note 3	PASS
16302.3	-43.29	0	3	3.2	PK	55.17	88.38	33.21	Note 2	PASS
	-68.14		3	3.2	AV	30.32	68.38	38.06	--	PASS
5315.9	9.92	0	3	3.2	PK	108.38	N/A	N/A	Note 1	N/A
	-14.93		3	3.2	AV	83.53	N/A	N/A		N/A

Test Plots

Band II 11n(HT20) CH64, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:00:03

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

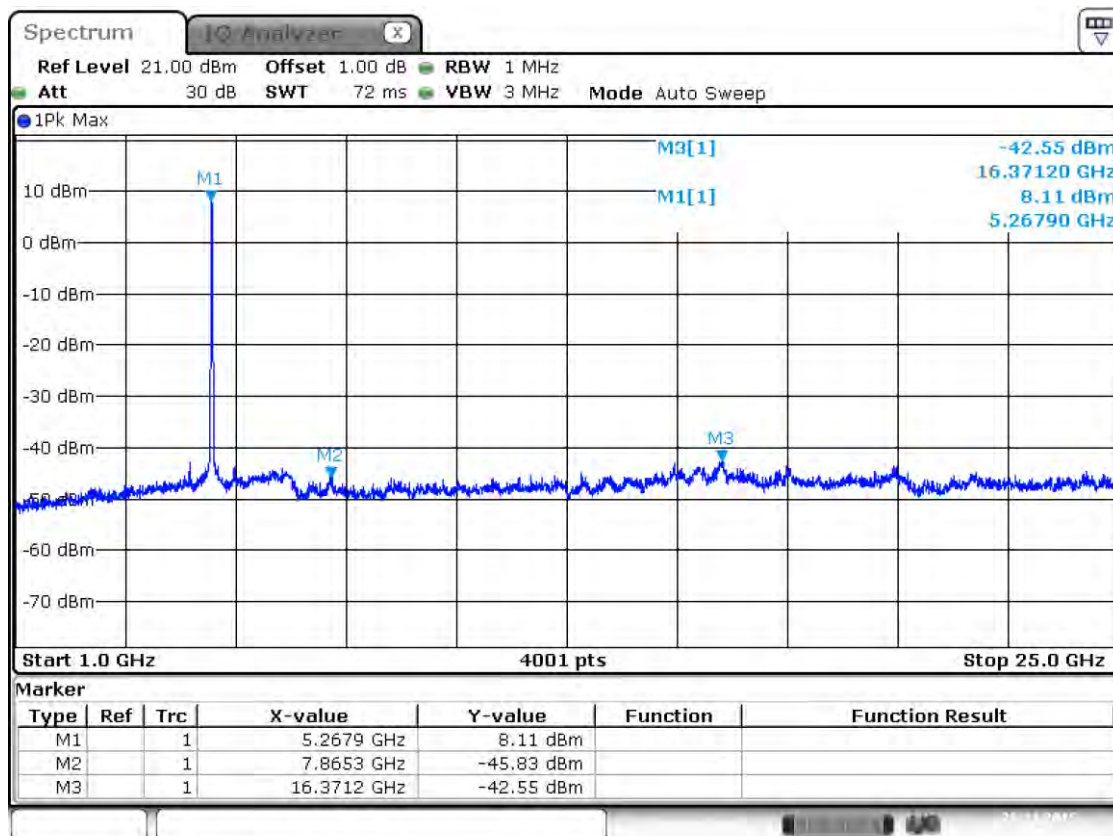
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.83	0	3	3.2	PK	52.63	86.57	33.94	Note 2	PASS
	N/A		3	3.2	AV	N/A	66.57	N/A	Note 3	PASS
16371.2	-42.55	0	3	3.2	PK	55.91	86.57	30.66	Note 2	PASS
	N/A		3	3.2	AV	N/A	66.57	N/A	Note 3	PASS
5267.9	8.11	0	3	3.2	PK	106.57	N/A	N/A	Note 1	N/A
	-16.74		3	3.2	AV	81.72	N/A	N/A		N/A

Test Plots

Band II 11n(HT40) CH54, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:12:33

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

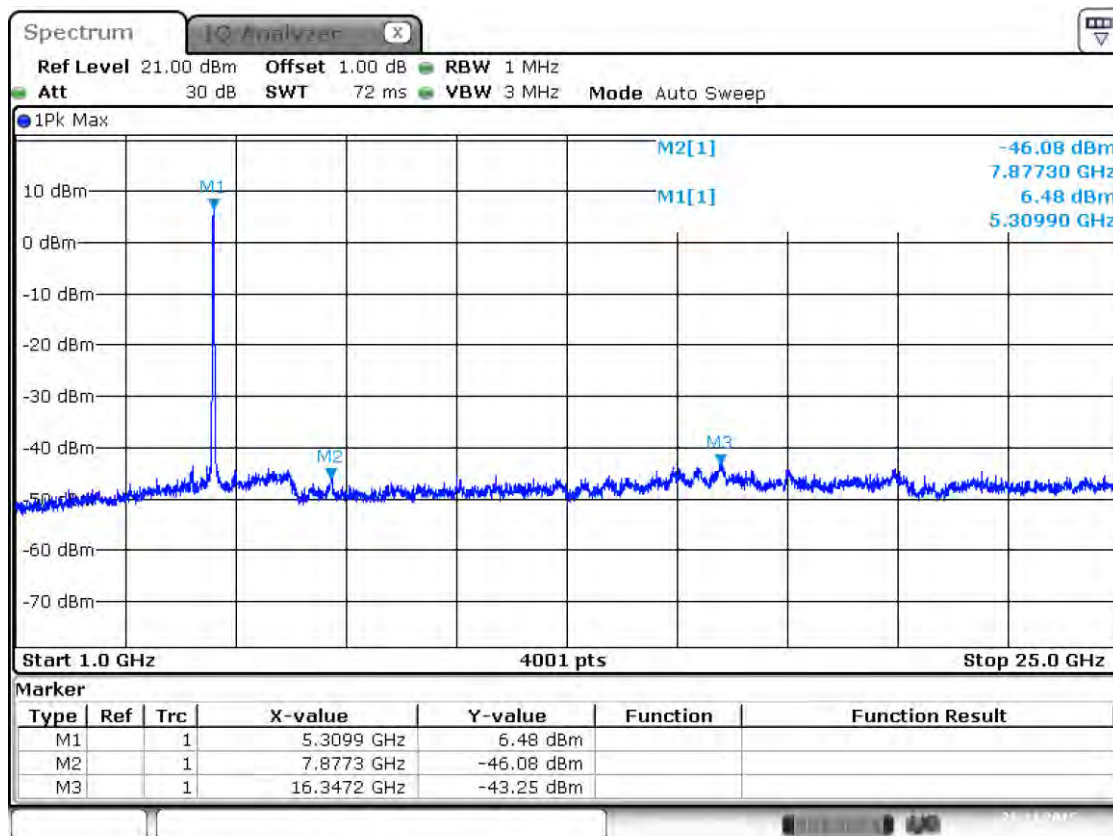
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-46.08	0	3	3.2	PK	52.38	84.94	32.56	Note 2	PASS
	N/A		3	3.2	AV	N/A	64.94	N/A	Note 3	PASS
16347.2	-43.25	0	3	3.2	PK	55.21	84.94	29.73	Note 2	PASS
	N/A		3	3.2	AV	N/A	64.94	N/A	Note 3	PASS
5309.9	6.48	0	3	3.2	PK	104.94	N/A	N/A	Note 1	N/A
	-18.37		3	3.2	AV	80.09	N/A	N/A		N/A

Test Plots

Band II 11n(HT40) CH62, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:13:54

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

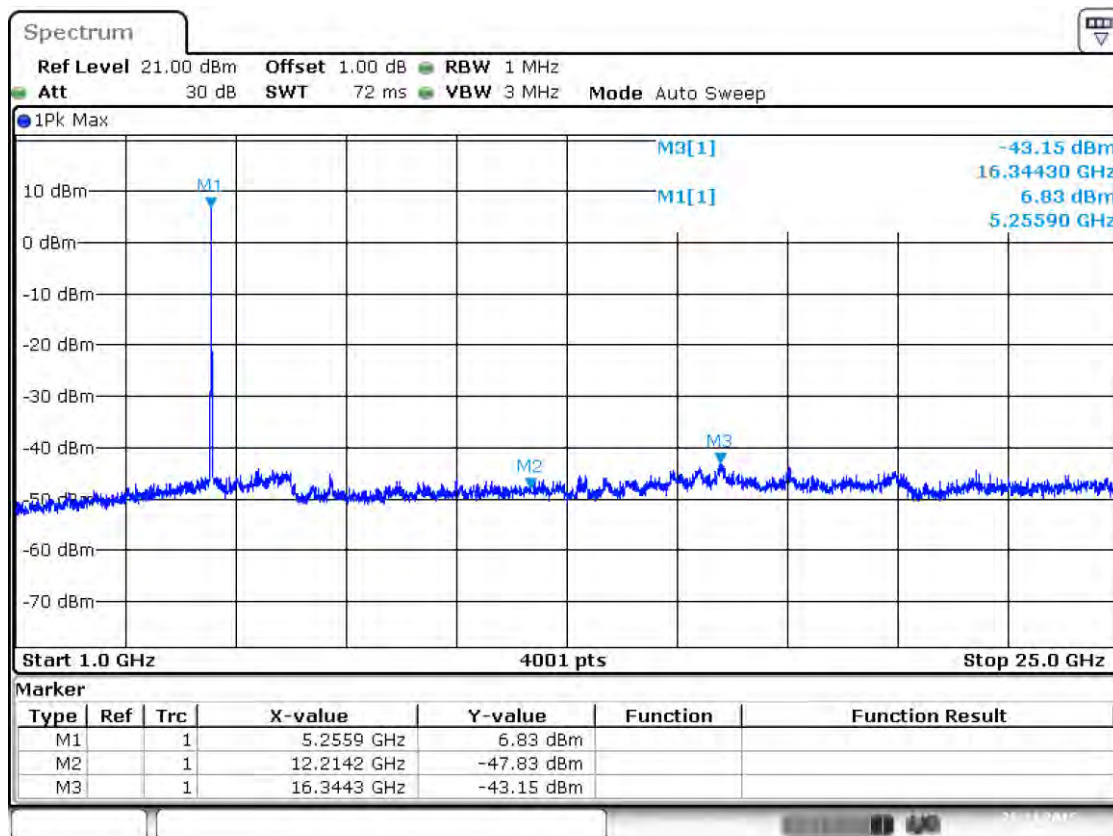
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH52

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12214.2	-47.83	0	3	3.2	PK	50.63	74.00	23.37	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
16344.3	-43.15	0	3	3.2	PK	55.31	85.29	29.98	Note 2	PASS
	N/A		3	3.2	AV	N/A	65.29	N/A	Note 3	PASS
5255.9	6.83	0	3	3.2	PK	105.29	N/A	N/A	Note 1	N/A
	-18.02		3	3.2	AV	80.44	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH52, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:59:17

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

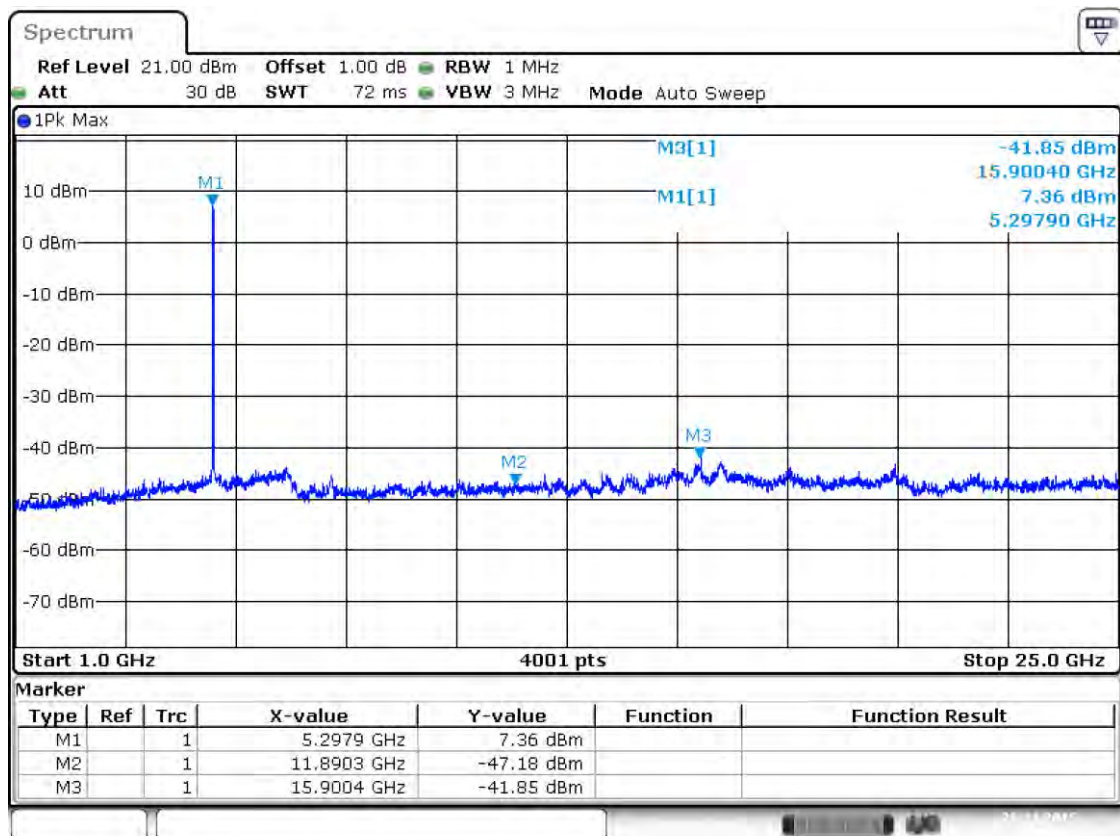
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH56

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11890.3	-47.18	0	3	3.2	PK	51.28	74.00	22.72	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
15900.4	-41.85	0	3	3.2	PK	56.61	74.00	17.39	--	PASS
	-66.70		3	3.2	AV	31.76	54.00	22.24	--	PASS
5297.9	7.36	0	3	3.2	PK	105.82	N/A	N/A	Note 1	N/A
	-17.49		3	3.2	AV	80.97	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH60, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 11:00:31

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

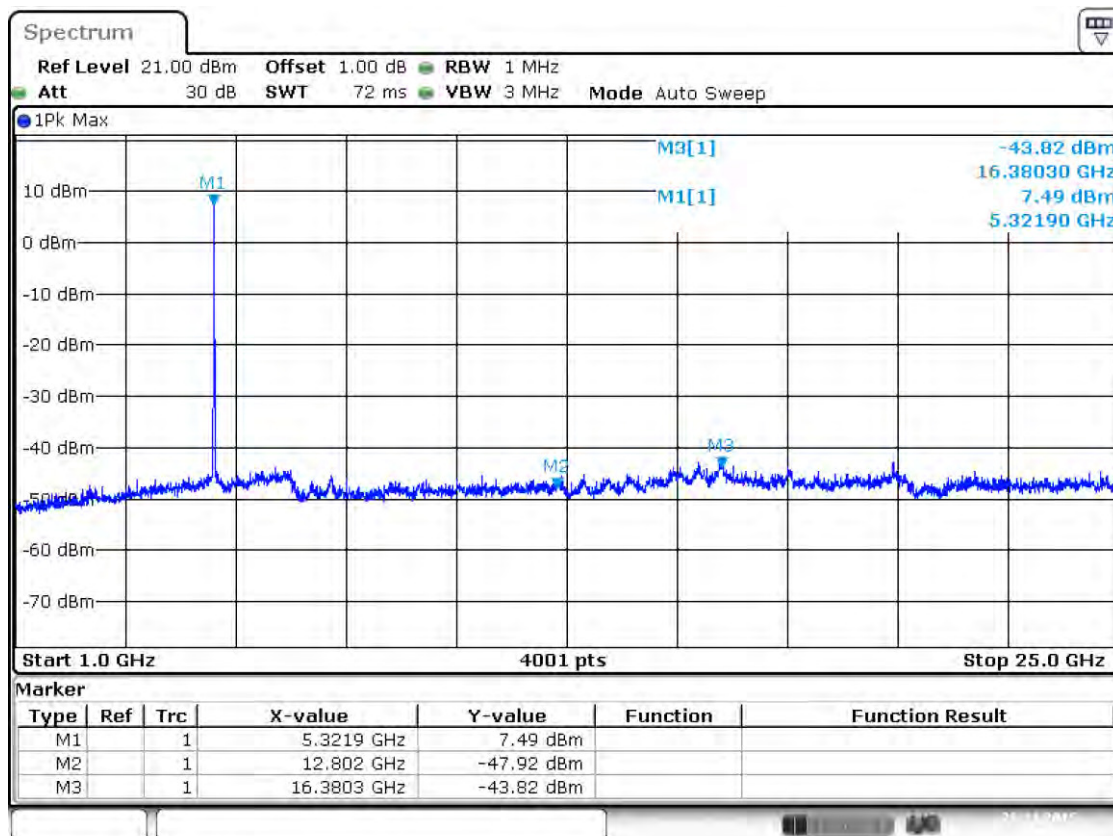
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT20) CH64

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12802	-47.92	0	3	3.2	PK	50.54	85.95	35.41	Note 2	PASS
	N/A		3	3.2	AV	N/A	65.95	N/A	Note 3	PASS
163380.3	-43.82	0	3	3.2	PK	54.64	85.95	31.31	Note 2	PASS
	-68.67		3	3.2	AV	N/A	65.95	N/A	Note 3	PASS
5321.9	7.49	0	3	3.2	PK	105.95	N/A	N/A	Note 1	N/A
	-17.36		3	3.2	AV	81.10	N/A	N/A		N/A

Test Plots

Band II 11ac(HT20) CH64, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:38:56

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

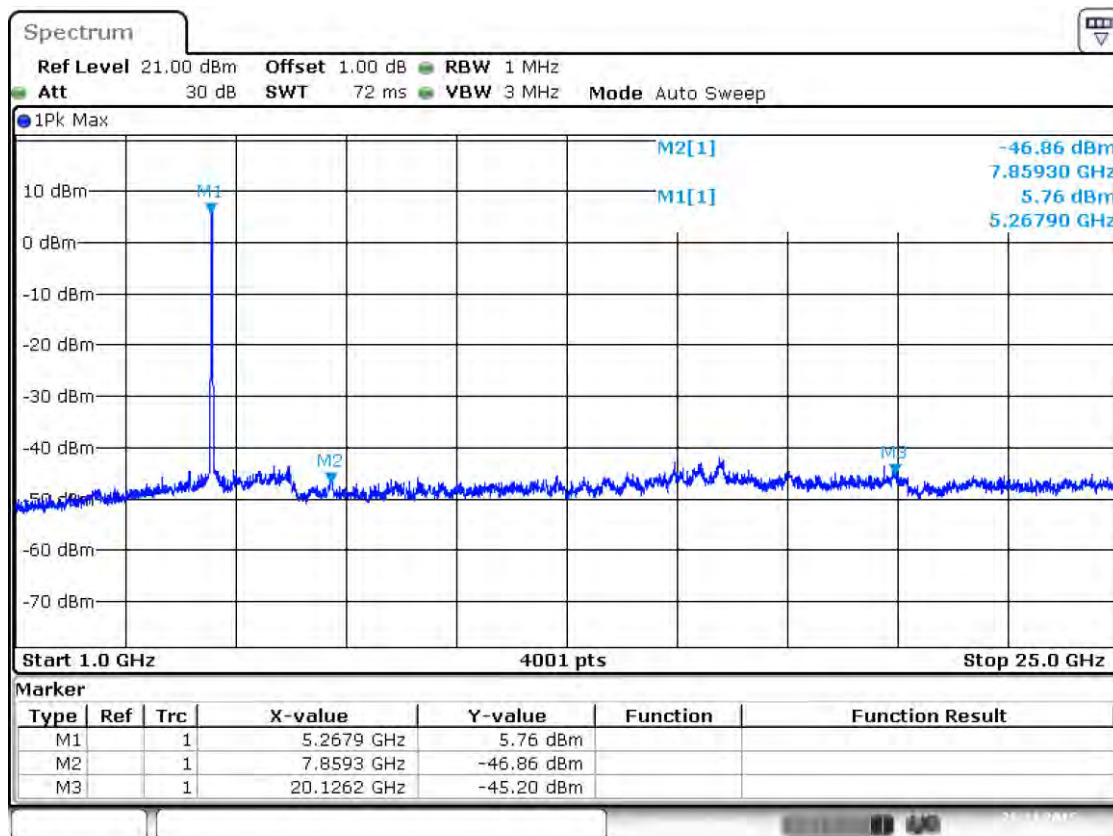
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT40) CH54

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7859.3	-46.86	0	3	3.2	PK	51.60	84.22	32.62	Note 2	PASS
	N/A		3	3.2	AV	N/A	64.22	N/A	Note 3	PASS
20126.2	-45.2	0	3	3.2	PK	53.26	74.00	20.74	--	PASS
	-70.05		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
5267.9	5.76	0	3	3.2	PK	104.22	N/A	N/A	Note 1	N/A
	-19.09		3	3.2	AV	79.37	N/A	N/A		N/A

Test Plots

Band II 11ac(HT40) CH54, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:29:46

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

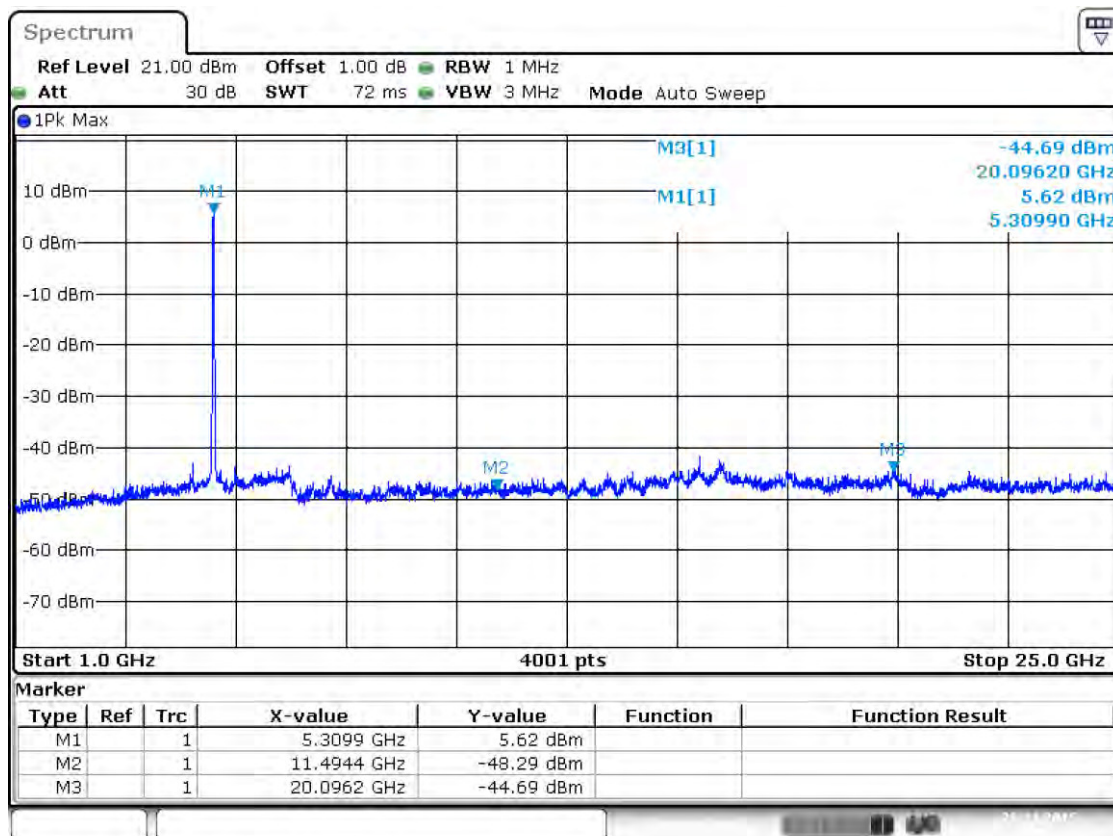
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT40) CH62

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11494.4	-48.29	0	3	3.2	PK	50.17	74.00	23.83	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
20096.2	-44.69	0	3	3.2	PK	53.77	74.00	20.23	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
5309.9	5.62	0	3	3.2	PK	104.08	N/A	N/A	Note 1	N/A
	-19.23		3	3.2	AV	79.23	N/A	N/A		N/A

Test Plots

Band II 11ac(HT40) CH62, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:31:11

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.2 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

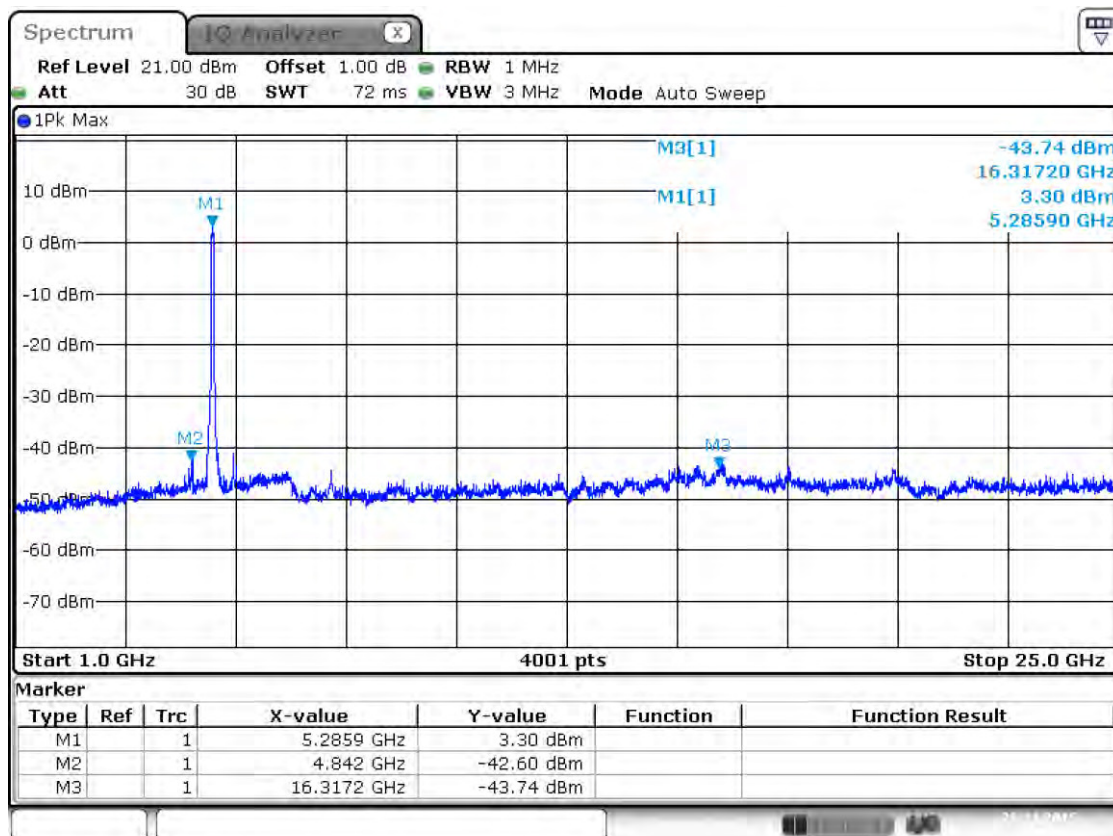
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(HT80) CH58

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
4842	-42.6	0	3	3.2	PK	55.86	74.00	18.14	--	PASS
	N/A		3	3.2	AV	N/A	54.00	N/A	Note 3	PASS
16317.2	-43.74	0	3	3.2	PK	54.72	81.76	27.04	Note 2	PASS
	-68.59		3	3.2	AV	N/A	61.76	N/A	Note 3	PASS
5285.9	3.3	0	3	3.2	PK	101.76	N/A	N/A	Note 1	N/A
	-21.55		3	3.2	AV	76.91	N/A	N/A		N/A

Test Plots

Band II 11ac(HT80) CH58, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:23:08

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

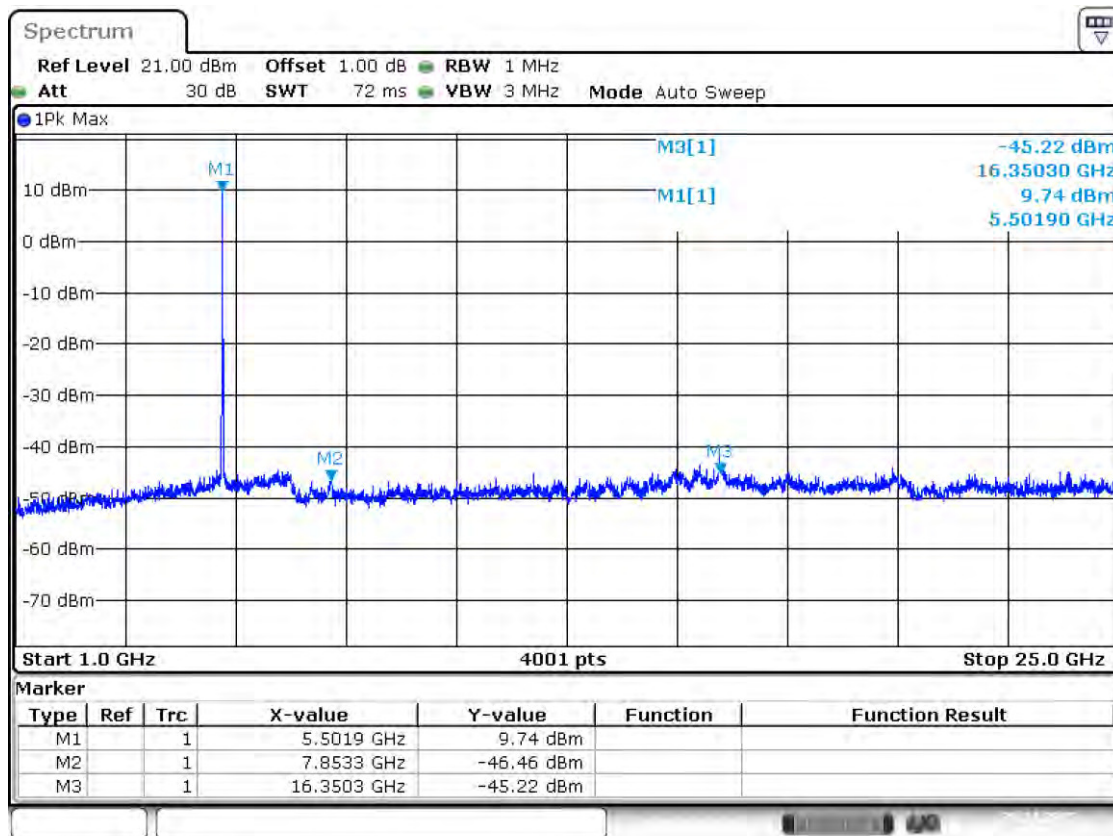
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7853.3	-46.46	0	3	3.3	PK	52.10	88.30	36.20	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.30	N/A	Note 3	PASS
16350.3	-45.22	0	3	3.3	PK	53.34	88.30	34.96	Note 2	PASS
	-70.07		3	3.3	AV	N/A	68.30	N/A	Note 3	PASS
5501.9	9.74	0	3	3.3	PK	108.30	N/A	N/A	Note 1	N/A
	-15.11		3	3.3	AV	83.45	N/A	N/A		N/A

Test Plots

Band III 11a CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:48:28

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

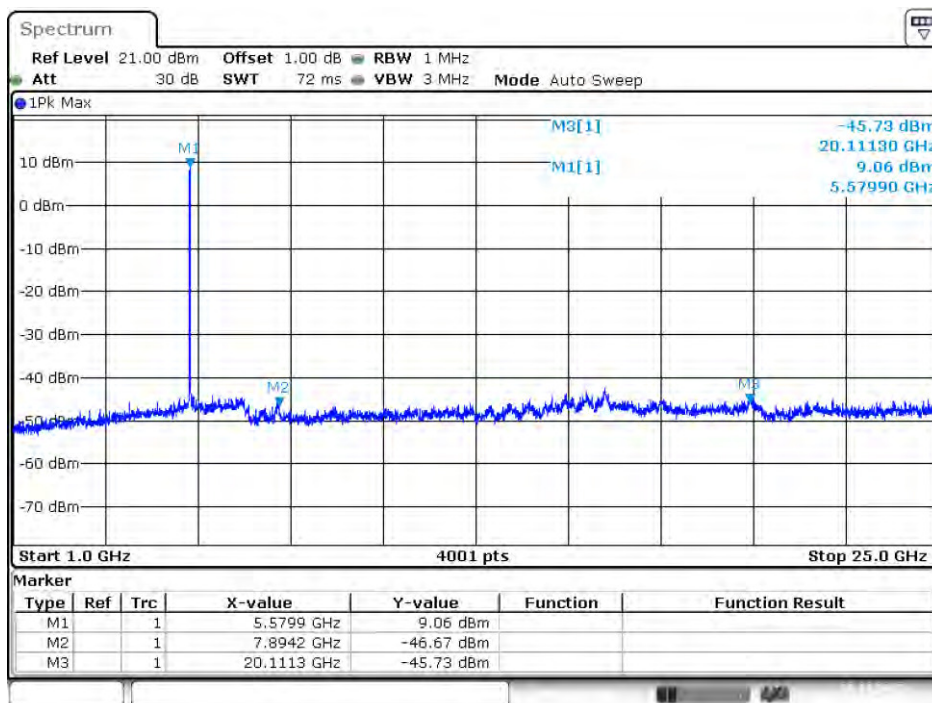
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7894.2	-46.67	0	3	3.3	PK	51.89	87.62	35.73	Note 2	PASS
	N/A		3	3.3	AV	N/A	67.62	N/A	Note 3	PASS
20111.3	-45.73	0	3	3.3	PK	52.83	74.00	21.17	--	PASS
	N/A		3	3.3	AV	N/A	54.00	N/A	Note 3	PASS
5579.9	9.06	0	3	3.3	PK	107.62	N/A	N/A	Note 1	N/A
	-15.79		3	3.3	AV	82.77	N/A	N/A		N/A

Test Plots

Band III 11a CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26 NOV.2015 10:36:33

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

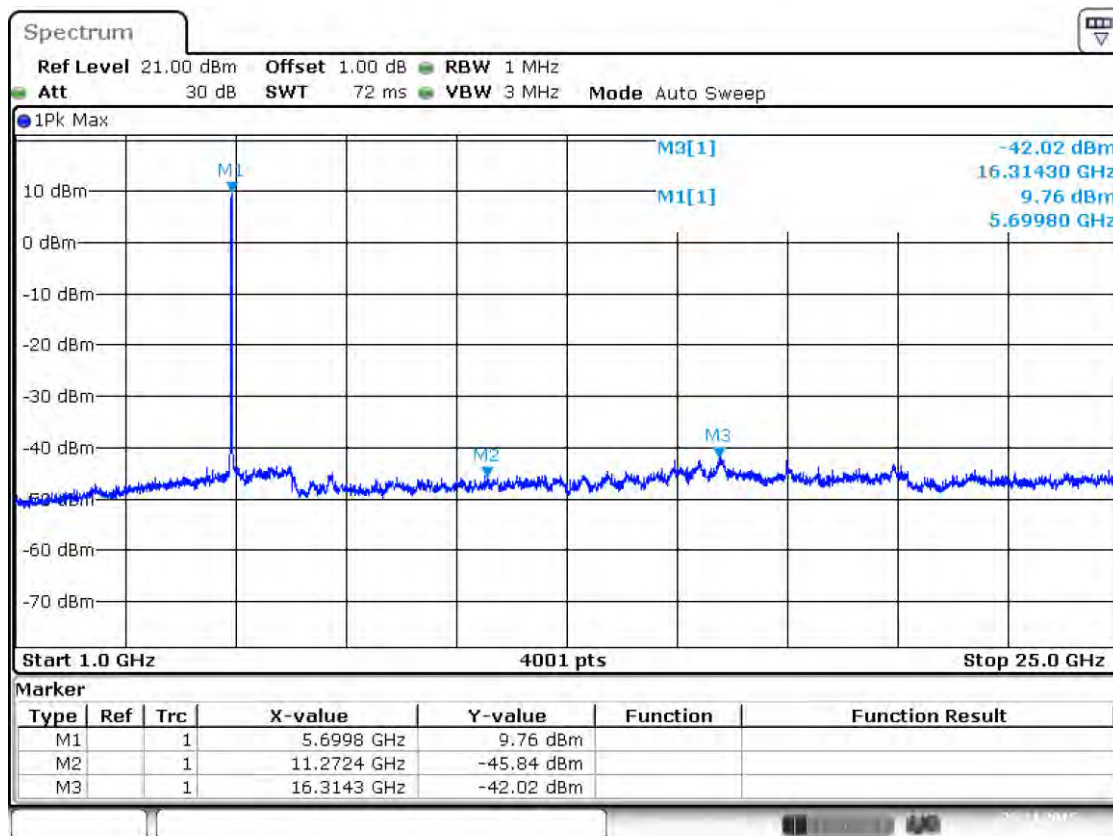
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11272.4	-45.84	0	3	3.3	PK	52.72	74.00	21.28	--	PASS
	N/A		3	3.3	AV	N/A	54.00	N/A	Note 3	PASS
16314.3	-42.02	0	3	3.3	PK	56.54	88.32	31.78	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.32	N/A	Note 3	PASS
5699.8	9.76	0	3	3.3	PK	108.32	N/A	N/A	Note 1	N/A
	-15.09		3	3.3	AV	83.47	N/A	N/A		N/A

Test Plots

Band III 11a CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:51:06

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

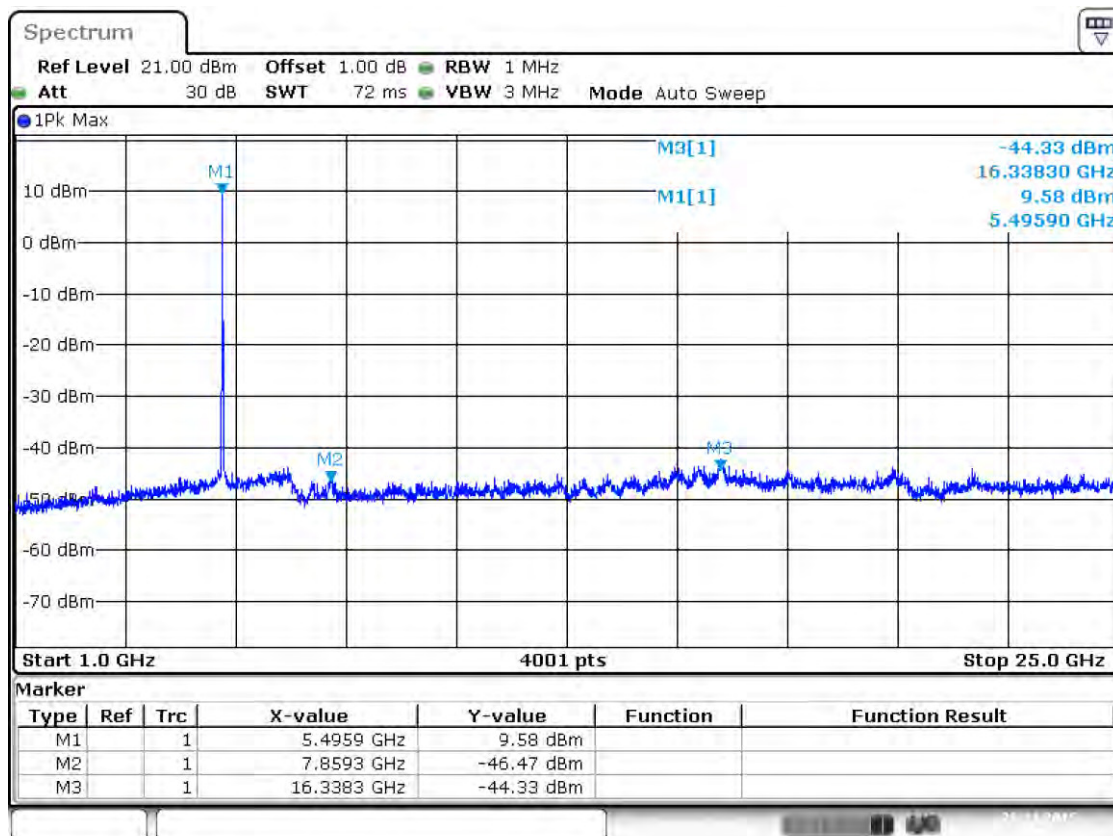
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7859.3	-46.47	0	3	3.3	PK	52.09	88.14	36.05	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.14	N/A	Note 3	PASS
16338.3	-44.33	0	3	3.3	PK	54.23	88.14	33.91	Note 2	PASS
	-69.18		3	3.3	AV	N/A	68.14	N/A	Note 3	PASS
5495.9	9.58	0	3	3.3	PK	108.14	N/A	N/A	Note 1	N/A
	-15.27		3	3.3	AV	83.29	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:01:12

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

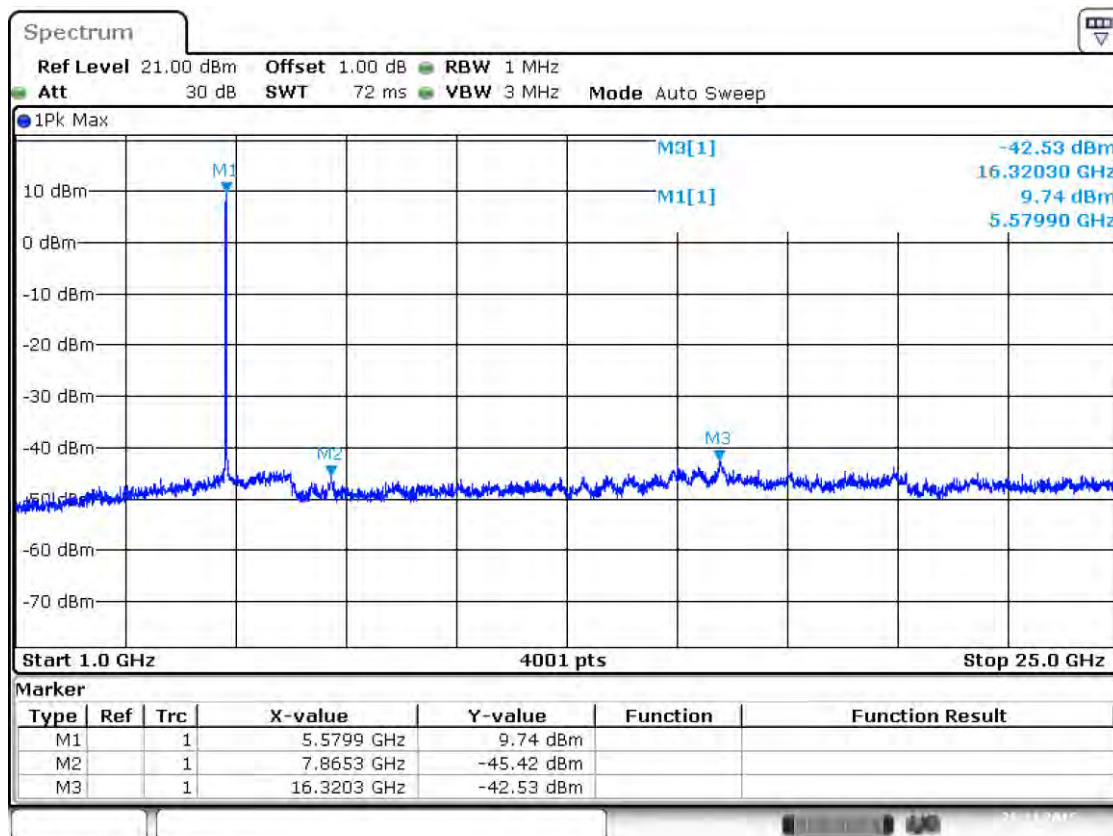
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.42	0	3	3.3	PK	53.14	88.30	35.16	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.30	N/A	Note 3	PASS
16320.3	-42.53	0	3	3.3	PK	56.03	88.30	32.27	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.30	N/A	Note 3	PASS
5579.9	9.74	0	3	3.3	PK	108.30	N/A	N/A	Note 1	N/A
	-15.11		3	3.3	AV	83.45	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:02:34

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

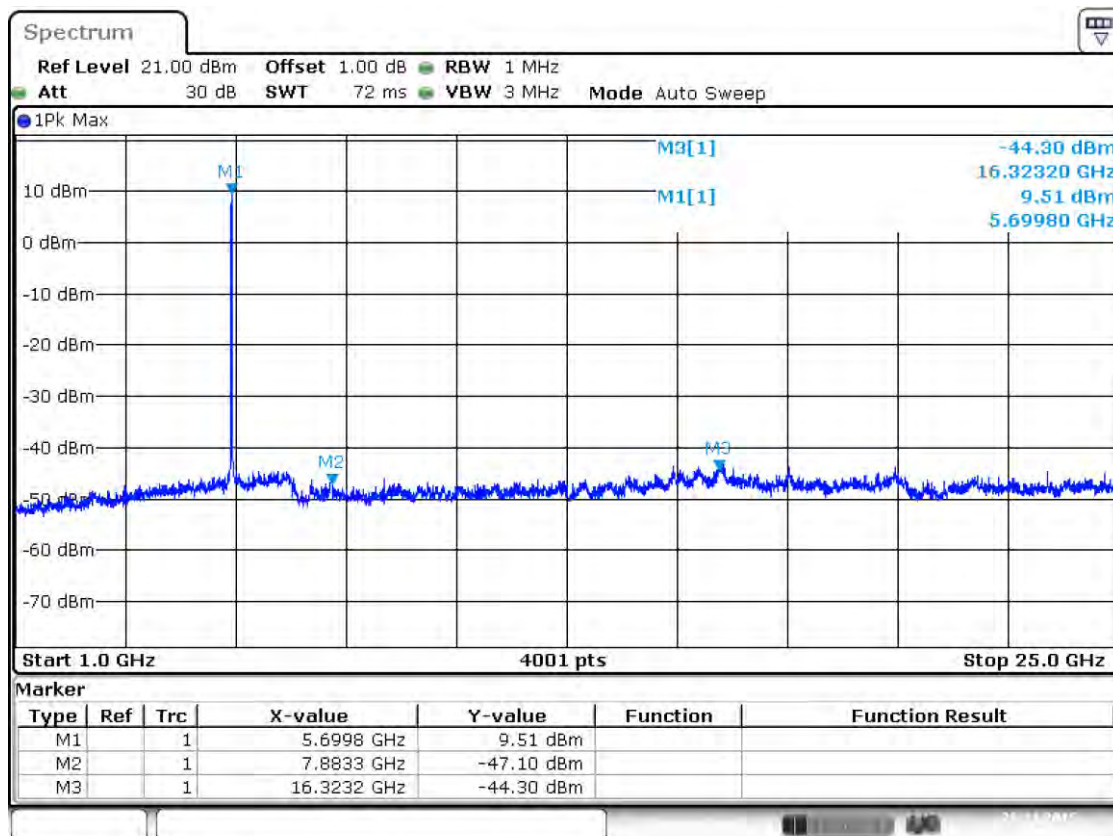
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7883.3	-47.1	0	3	3.3	PK	51.46	88.07	36.61	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.07	N/A	Note 3	PASS
16323.2	-44.3	0	3	3.3	PK	54.26	88.07	33.81	Note 2	PASS
	N/A		3	3.3	AV	N/A	68.07	N/A	Note 3	PASS
5699.8	9.51	0	3	3.3	PK	108.07	N/A	N/A	Note 1	N/A
	-15.34		3	3.3	AV	83.22	N/A	N/A		N/A

Test Plots

Band III 11n(HT20) CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:04:36

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

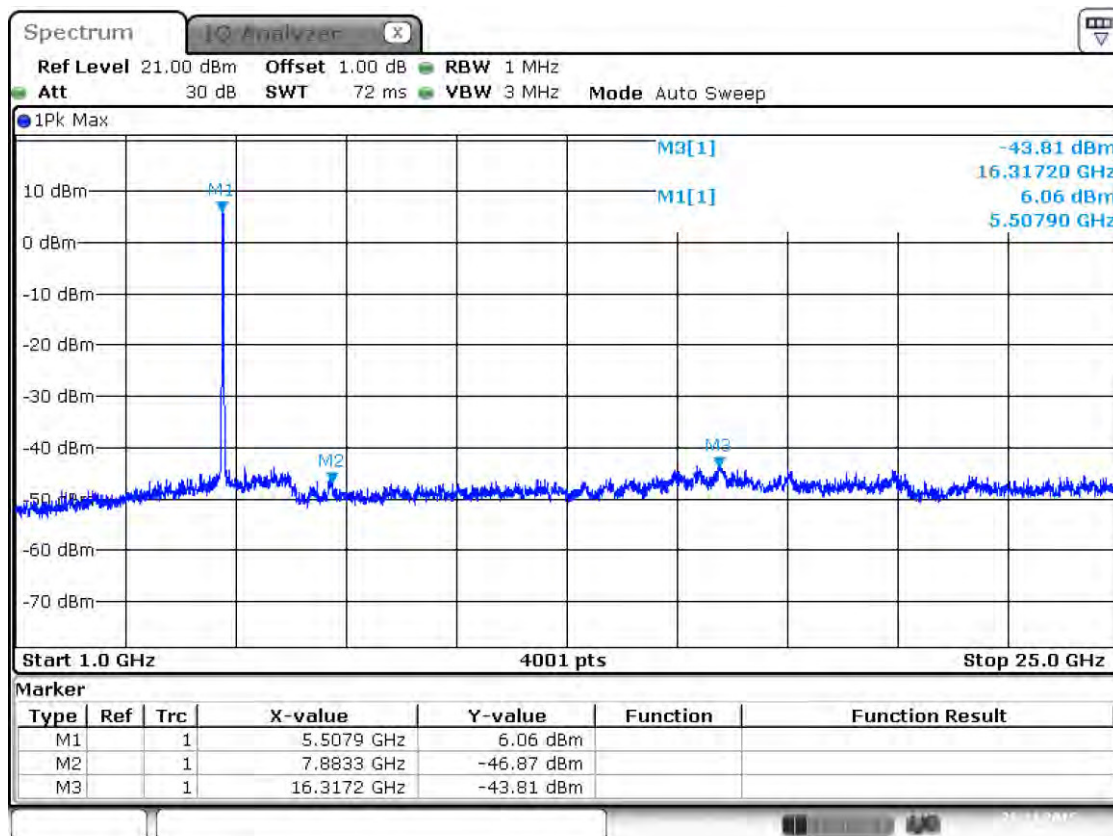
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7883.3	-46.87	0	3	3.3	PK	51.69	84.62	32.93	Note 2	PASS
	N/A		3	3.3	AV	N/A	64.62	N/A	Note 3	PASS
16317.2	-43.81	0	3	3.3	PK	54.75	84.62	29.87	Note 2	PASS
	-68.66		3	3.3	AV	29.90	64.62	34.72	--	PASS
5507.9	6.06	0	3	3.3	PK	104.62	N/A	N/A	Note 1	N/A
	-18.79		3	3.3	AV	79.77	N/A	N/A		N/A

Test Plots

Band III 11n(HT40) CH102, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:15:25

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

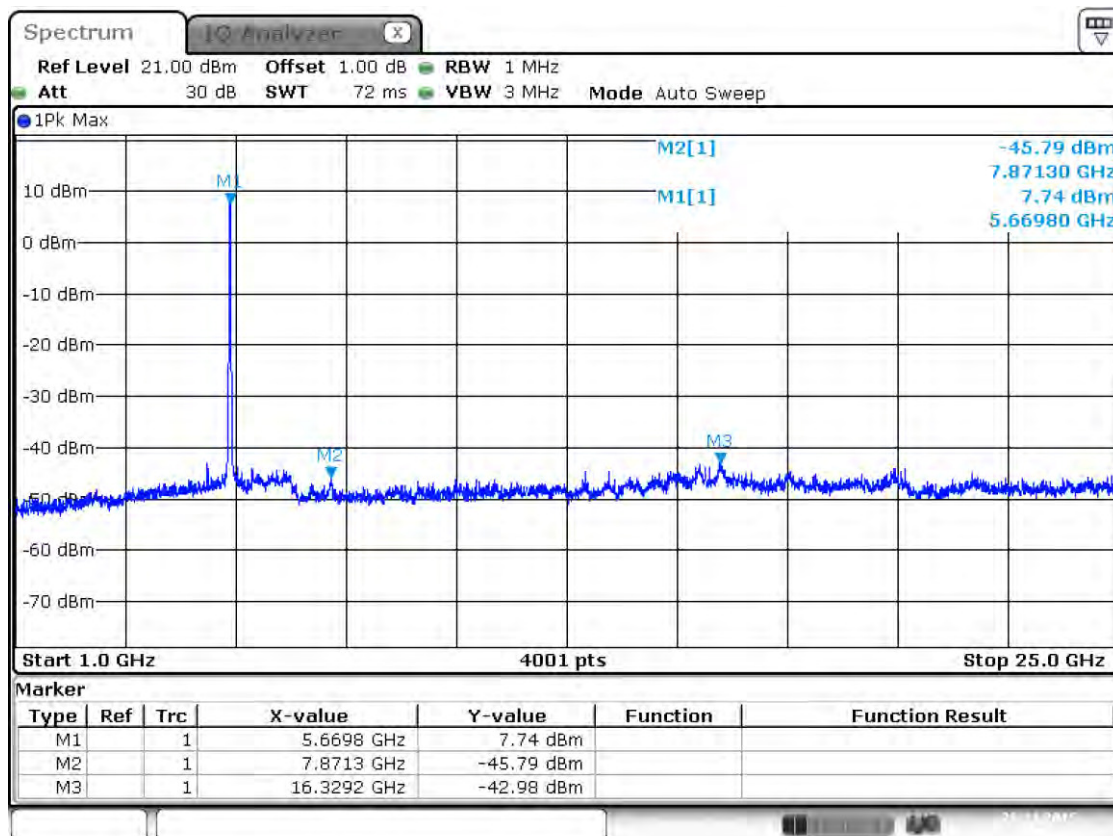
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7871.3	-45.79	0	3	3.3	PK	52.77	86.30	33.53	Note 2	PASS
	N/A		3	3.3	AV	N/A	66.30	N/A	Note 3	PASS
16329.2	-42.98	0	3	3.3	PK	55.58	86.30	30.72	Note 2	PASS
	N/A		3	3.3	AV	N/A	66.30	N/A	Note 3	PASS
5669.8	7.74	0	3	3.3	PK	106.30	N/A	N/A	Note 1	N/A
	-17.11		3	3.3	AV	81.45	N/A	N/A		N/A

Test Plots

Band III 11n(HT40) CH134, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:16:23

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

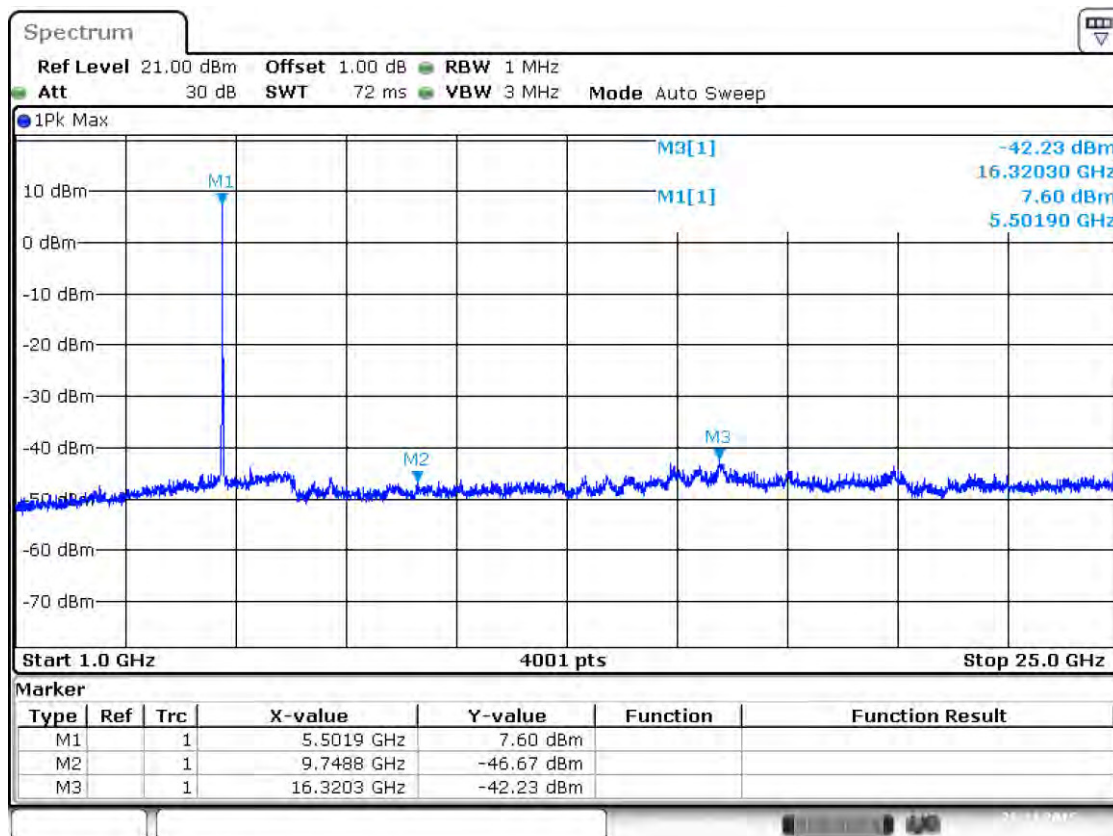
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH100

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9748.8	-46.67	0	3	3.3	PK	51.89	86.16	34.27	Note 2	PASS
	N/A		3	3.3	AV	N/A	66.16	N/A	Note 3	PASS
16320.3	-42.23	0	3	3.3	PK	56.33	86.16	29.83	Note 2	PASS
	-67.08		3	3.3	AV	N/A	66.16	N/A	Note 3	PASS
5501.9	7.6	0	3	3.3	PK	106.16	N/A	N/A	Note 1	N/A
	-17.25		3	3.3	AV	81.31	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH100, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:40:30

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

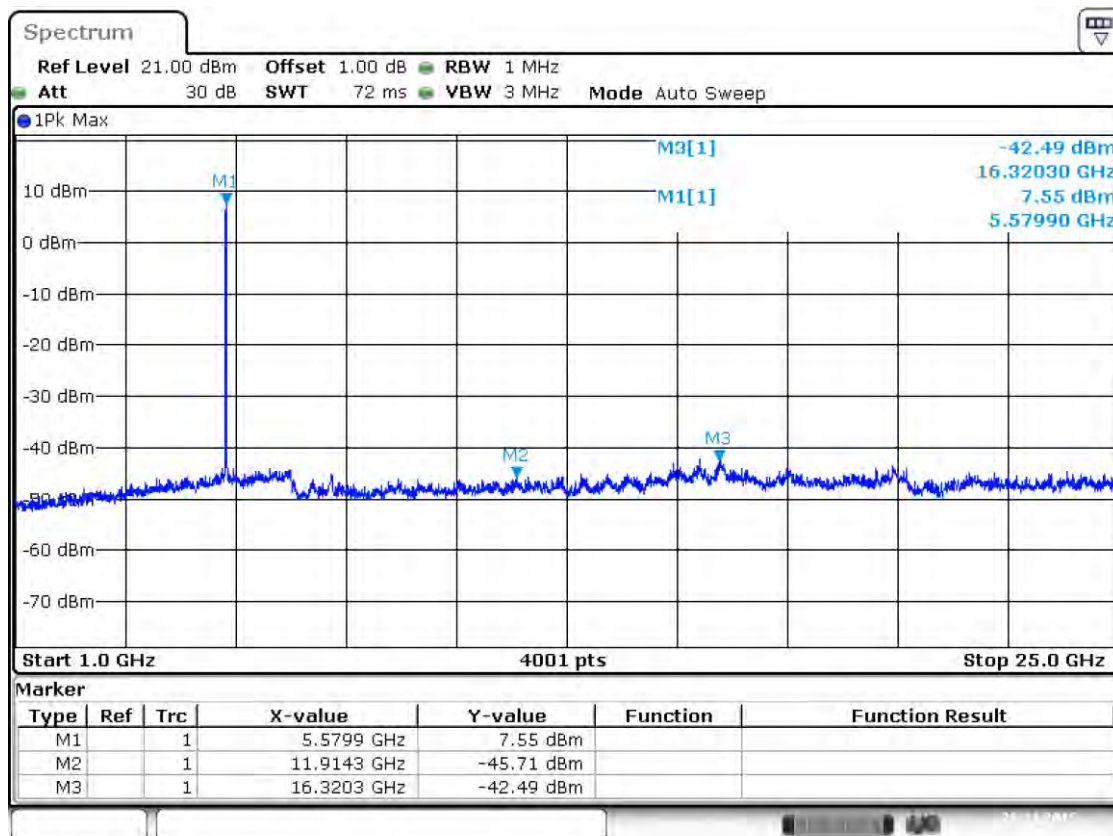
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH116

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11914.3	-45.71	0	3	3.3	PK	52.85	74.00	21.15	--	PASS
	N/A		3	3.3	AV	N/A	54.00	N/A	Note 3	PASS
16320.3	-42.49	0	3	3.3	PK	56.07	86.11	30.04	Note 2	PASS
	N/A		3	3.3	AV	N/A	66.11	N/A	Note 3	PASS
5579.9	7.55	0	3	3.3	PK	106.11	N/A	N/A	Note 1	N/A
	-17.30		3	3.3	AV	81.26	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH116, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:42:20

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

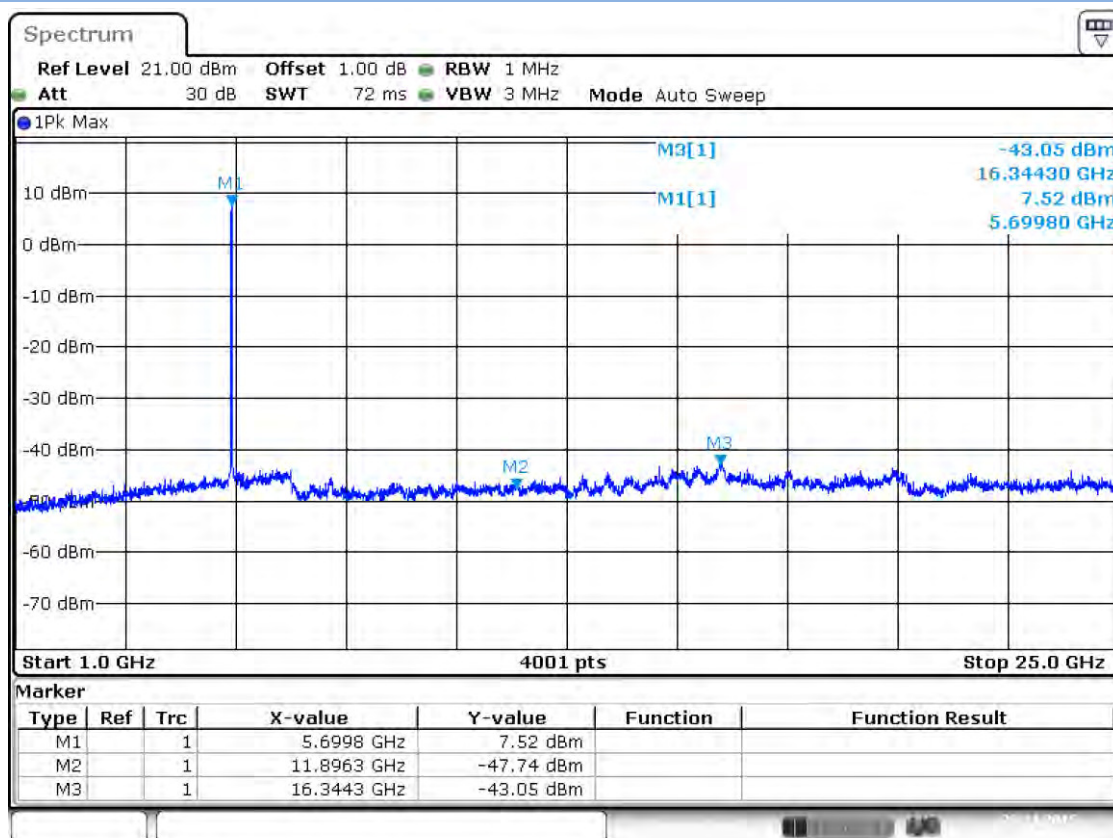
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) CH140

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11896.3	-47.74	0	3	3.3	PK	50.82	74.00	23.18	--	PASS
	N/A		3	3.3	AV	N/A	54.00	N/A	Note 3	PASS
16344.3	-43.05	0	3	3.3	PK	55.51	92.08	36.57	Note 2	PASS
	N/A		3	3.3	AV	N/A	72.08	N/A	Note 3	PASS
5.6998	7.52	6	3	3.3	PK	112.08	N/A	N/A	Note 1	N/A
	-17.33		3	3.3	AV	81.23	N/A	N/A		N/A

Test Plots

Band III 11ac(HT20) CH140, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:44:54

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

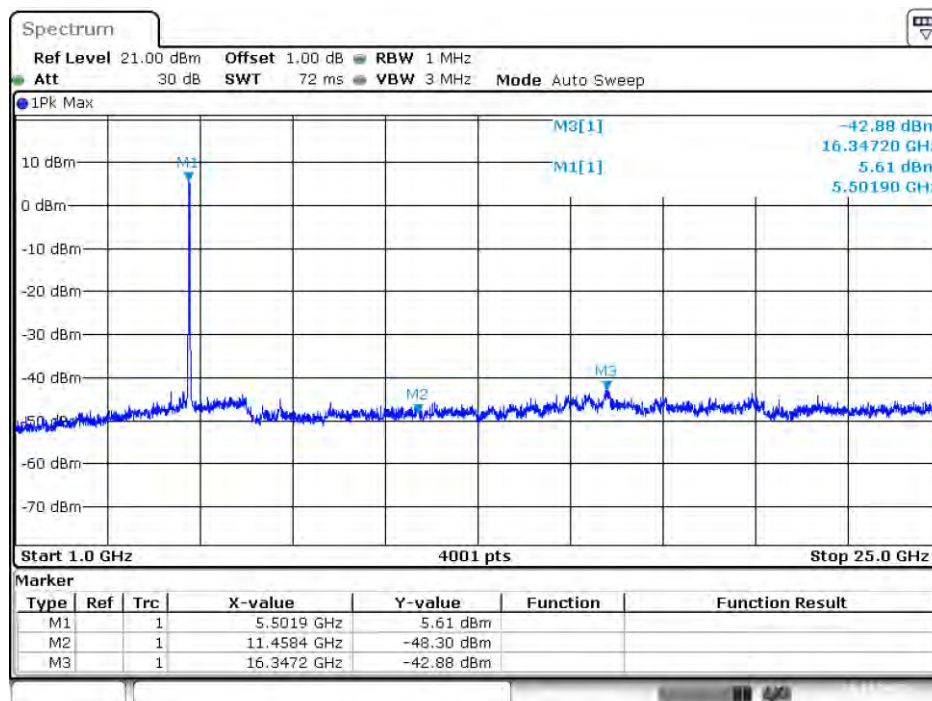
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT40) CH102

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11458.4	-48.3	0	3	3.3	PK	50.26	74.00	23.74	--	PASS
	N/A		3	3.3	AV	N/A	54.00	N/A	Note 3	PASS
16347.2	-42.88	0	3	3.3	PK	55.68	84.17	28.49	Note 2	PASS
	-67.73		3	3.3	AV	N/A	64.17	N/A	Note 3	PASS
5501.9	5.61	0	3	3.3	PK	104.17	N/A	N/A	Note 1	N/A
	-19.24		3	3.3	AV	79.32	N/A	N/A		N/A

Test Plots

Band III 11ac(HT40) CH102, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:32:25

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

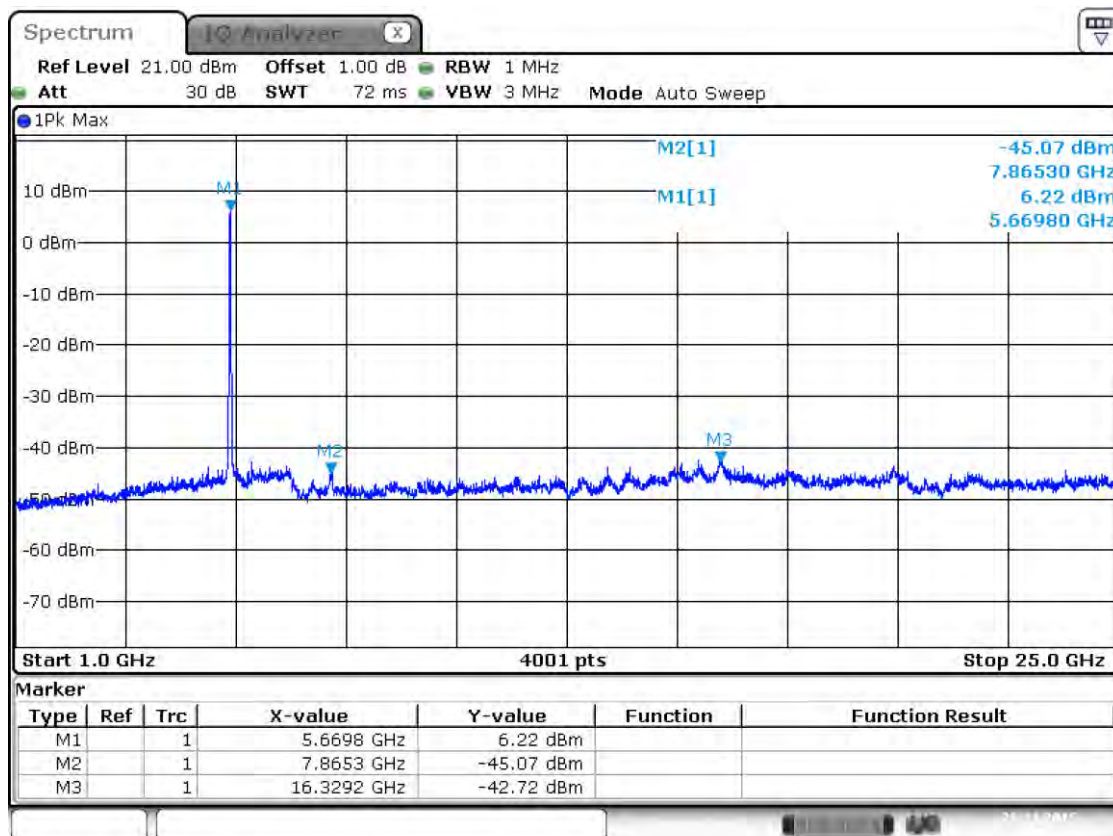
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT40) CH134

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.07	0	3	3.3	PK	53.49	84.78	31.29	Note 2	PASS
	N/A		3	3.3	AV	N/A	64.78	N/A	Note 3	PASS
16329.2	-42.72	0	3	3.3	PK	55.84	84.78	28.94	Note 2	PASS
	N/A		3	3.3	AV	N/A	64.78	N/A	Note 3	PASS
5669.8	6.22	0	3	3.3	PK	104.78	N/A	N/A	Note 1	N/A
	-18.63		3	3.3	AV	79.93	N/A	N/A		N/A

Test Plots

Band III 11ac(HT40) CH134, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:02:26

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.3 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

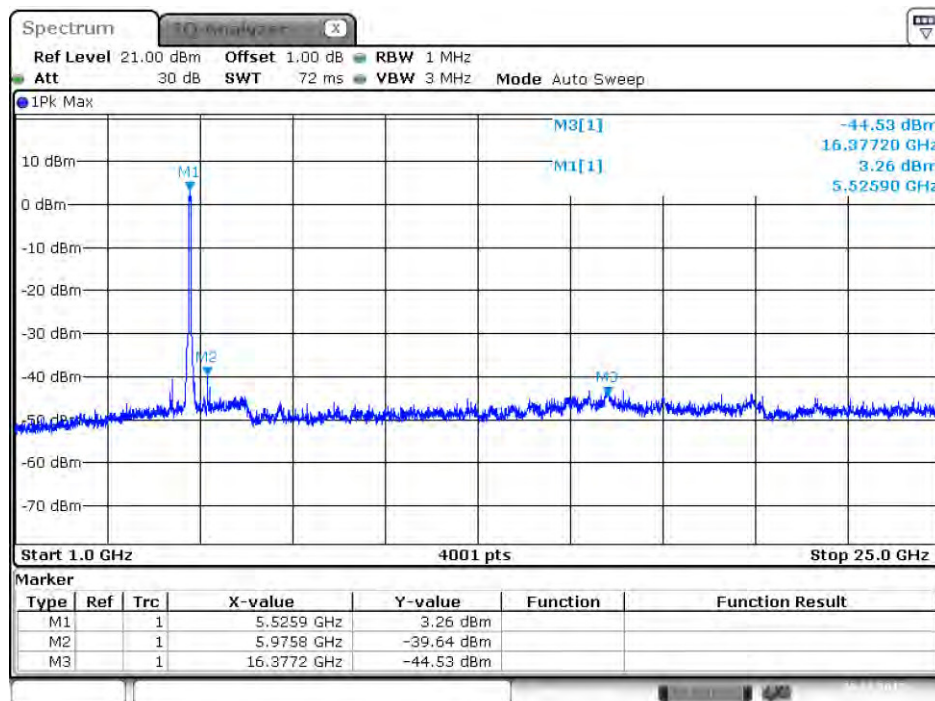
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT80) CH106

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
5975.8	-39.64	0	3	3.3	PK	58.92	81.82	22.90	Note 2	PASS
	N/A		3	3.3	AV	N/A	61.82	N/A	Note 3	PASS
16377.2	-44.53	0	3	3.3	PK	54.03	81.82	27.79	Note 2	PASS
	-69.38		3	3.3	AV	29.18	61.82	32.64	--	PASS
5525.9	3.26	0	3	3.3	PK	101.82	N/A	N/A	Note 1	N/A
	-21.59		3	3.3	AV	76.97	N/A	N/A		N/A

Test Plots

Band III 11ac(HT80) CH106, SPURIOUS 1 GHz ~ 25 GHz



Date: 26,NOV.2015 15:24:18

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

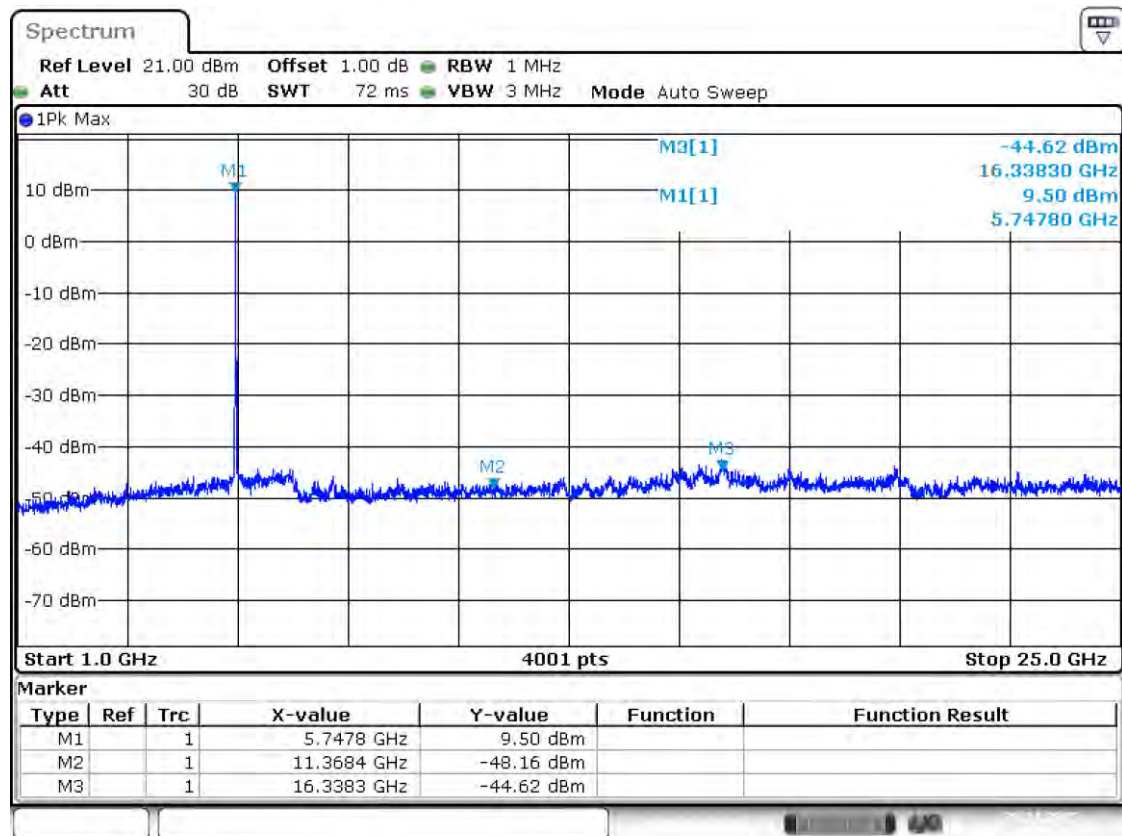
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
11368.4	-48.16	0	3	3.7	PK	50.80	74.00	23.20	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
16338.3	-44.62	0	3	3.7	PK	54.34	88.46	34.12	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.46	N/A	Note 3	PASS
5747.8	9.5	0	3	3.7	PK	108.46	N/A	N/A	Note 1	N/A
	-15.35		3	3.7	AV	83.61	N/A	N/A		N/A

Test Plots

Band IV 11a CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 10:52:01

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

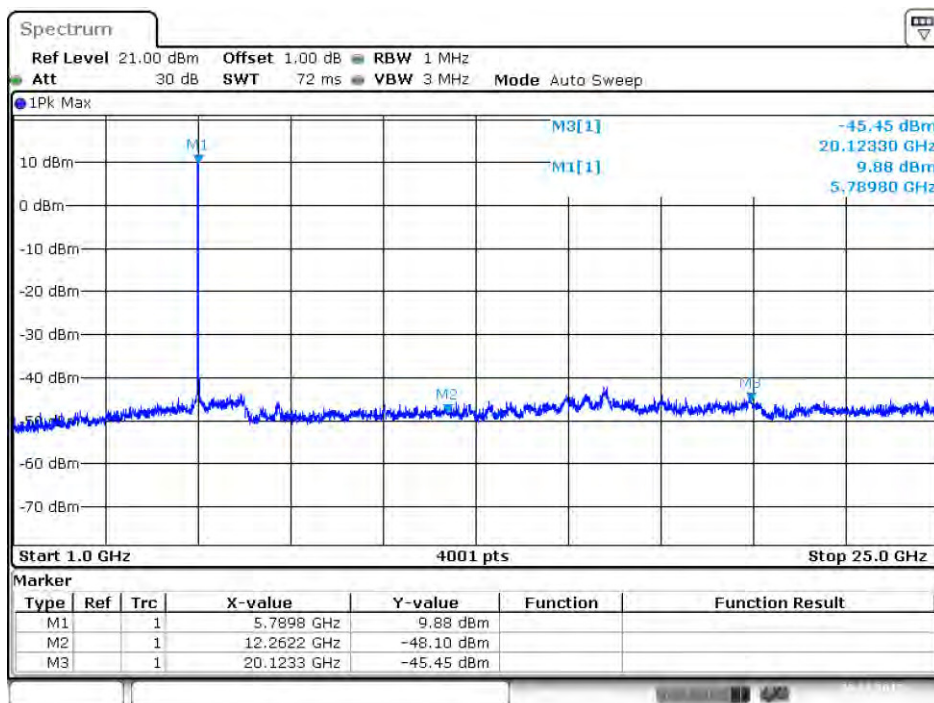
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12262.2	-48.1	0	3	3.7	PK	50.86	74.00	23.14	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
20123.3	-45.45	0	3	3.7	PK	53.51	74.00	20.49	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
5789.8	9.88	0	3	3.7	PK	108.84	N/A	N/A	Note 1	N/A
	-14.97		3	3.7	AV	83.99	N/A	N/A		N/A

Test Plots

Band IV 11a CH157, SPURIOUS 1 GHz ~ 25 GHz



Date: 26, NOV. 2015 10:53:06

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

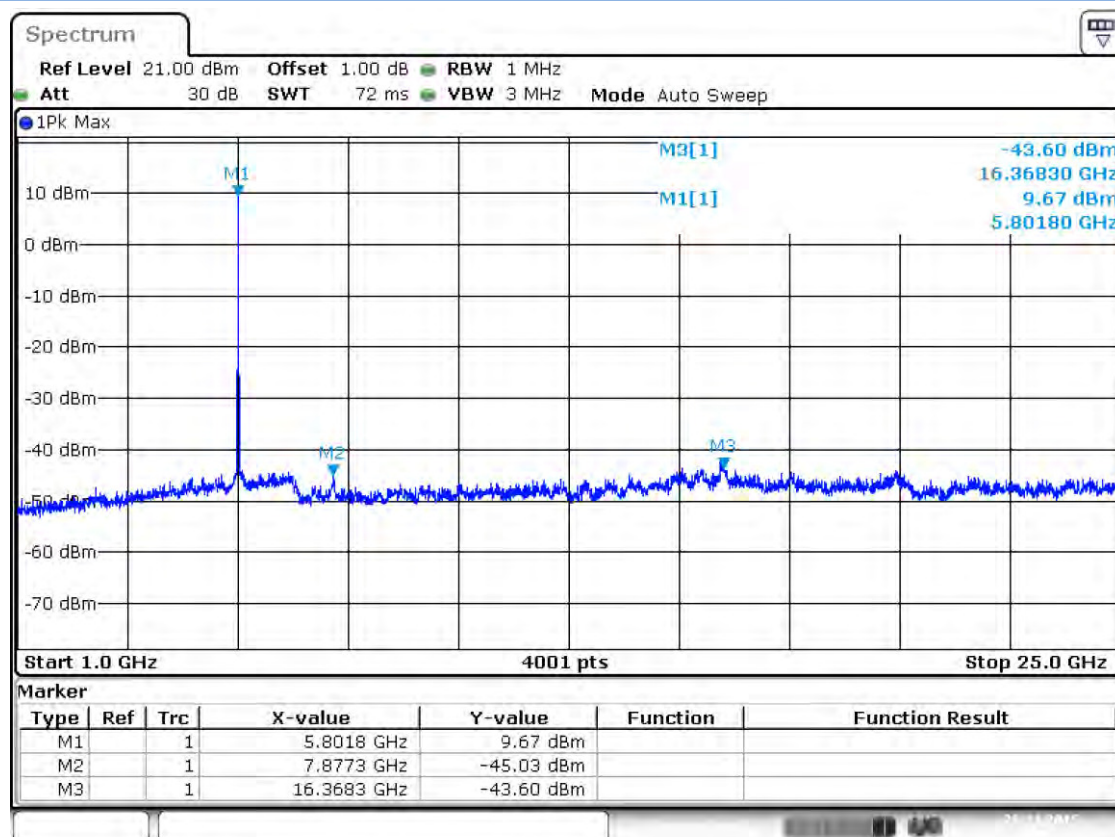
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a CH161

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.03	0	3	3.7	PK	53.93	88.63	34.70	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.63	N/A	Note 3	PASS
16368.3	-43.6	0	3	3.7	PK	55.36	88.63	33.27	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.63	N/A	Note 3	PASS
5801.8	9.67	0	3	3.7	PK	108.63	N/A	N/A	Note 1	N/A
	-15.18		3	3.7	AV	83.78	N/A	N/A		N/A

Test Plots

Band IV 11a CH161, SPURIOUS 1 GHz ~ 25 GHz



Date: 26 NOV 2015 10:54:17

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

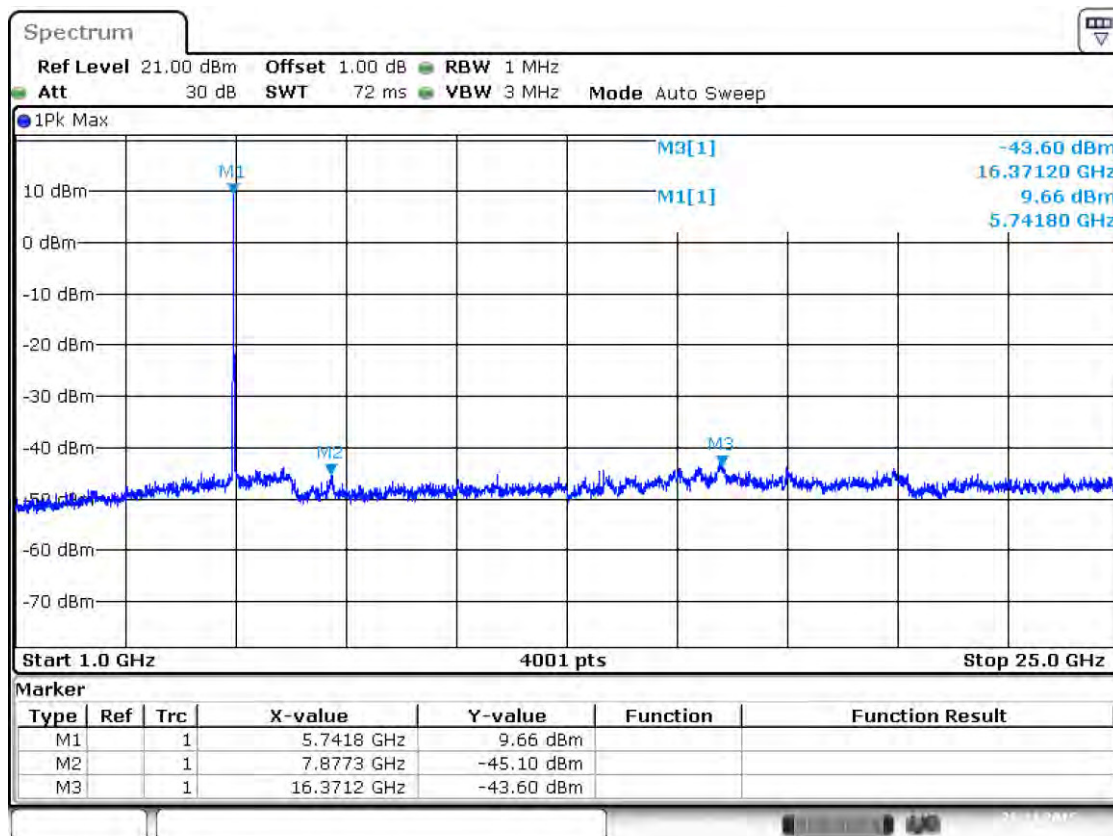
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-45.1	0	3	3.7	PK	53.86	88.62	34.76	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.62	N/A	Note 3	PASS
16371.2	-43.6	0	3	3.7	PK	55.36	88.62	33.26	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.62	N/A	Note 3	PASS
5741.8	9.66	0	3	3.7	PK	108.62	N/A	N/A	Note 1	N/A
	-15.19		3	3.7	AV	83.77	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:05:47

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

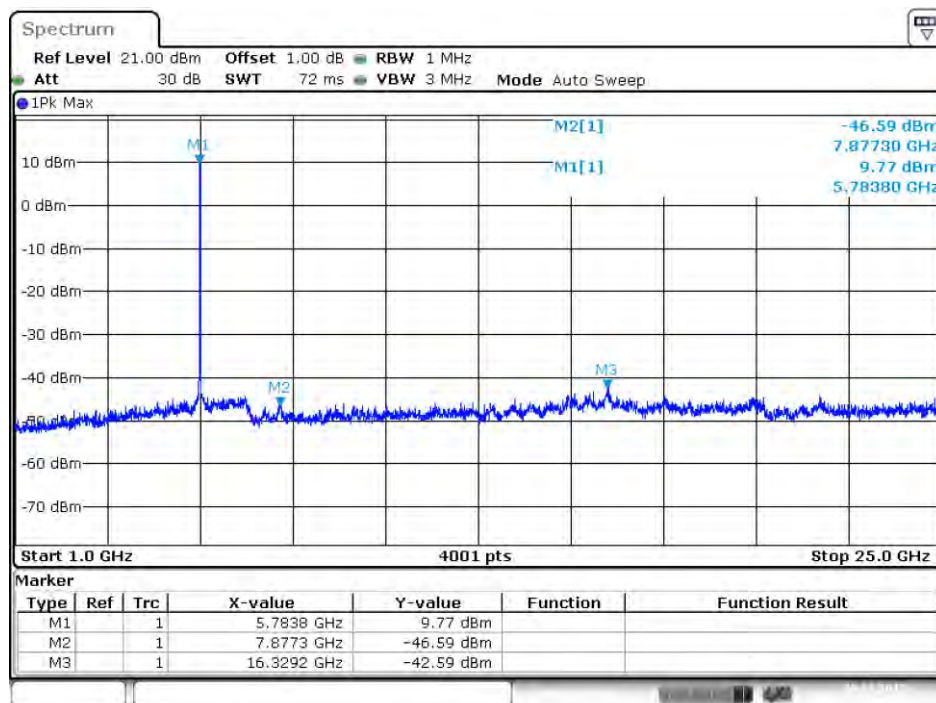
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH157

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7877.3	-46.59	0	3	3.7	PK	52.37	88.73	36.36	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.73	N/A	Note 3	PASS
16329.2	-42.59	0	3	3.7	PK	56.37	88.73	32.36	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.73	N/A	Note 3	PASS
5783.8	9.77	0	3	3.7	PK	108.73	N/A	N/A	Note 1	N/A
	-15.08		3	3.7	AV	83.88	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH157, SPURIOUS 1 GHz ~ 25 GHz



Date: 26,NOV.2015 13:07:15

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

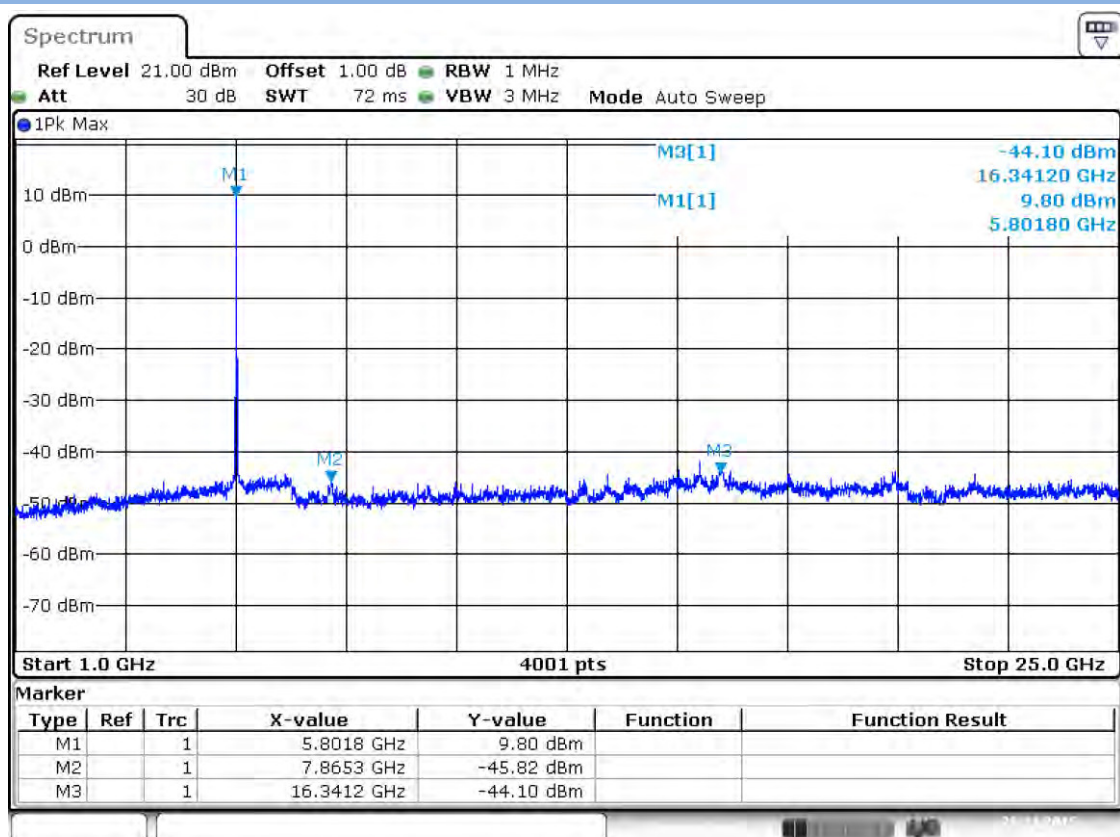
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT20) CH161

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
7865.3	-45.82	0	3	3.7	PK	53.14	88.76	35.62	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.76	N/A	Note 3	PASS
16341.2	-44.1	0	3	3.7	PK	54.86	88.76	33.90	Note 2	PASS
	N/A		3	3.7	AV	N/A	68.76	N/A	Note 3	PASS
5801.8	9.8	0	3	3.7	PK	108.76	N/A	N/A	Note 1	N/A
	-15.05		3	3.7	AV	83.91	N/A	N/A		N/A

Test Plots

Band IV 11n(HT20) CH161, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 13:08:29

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

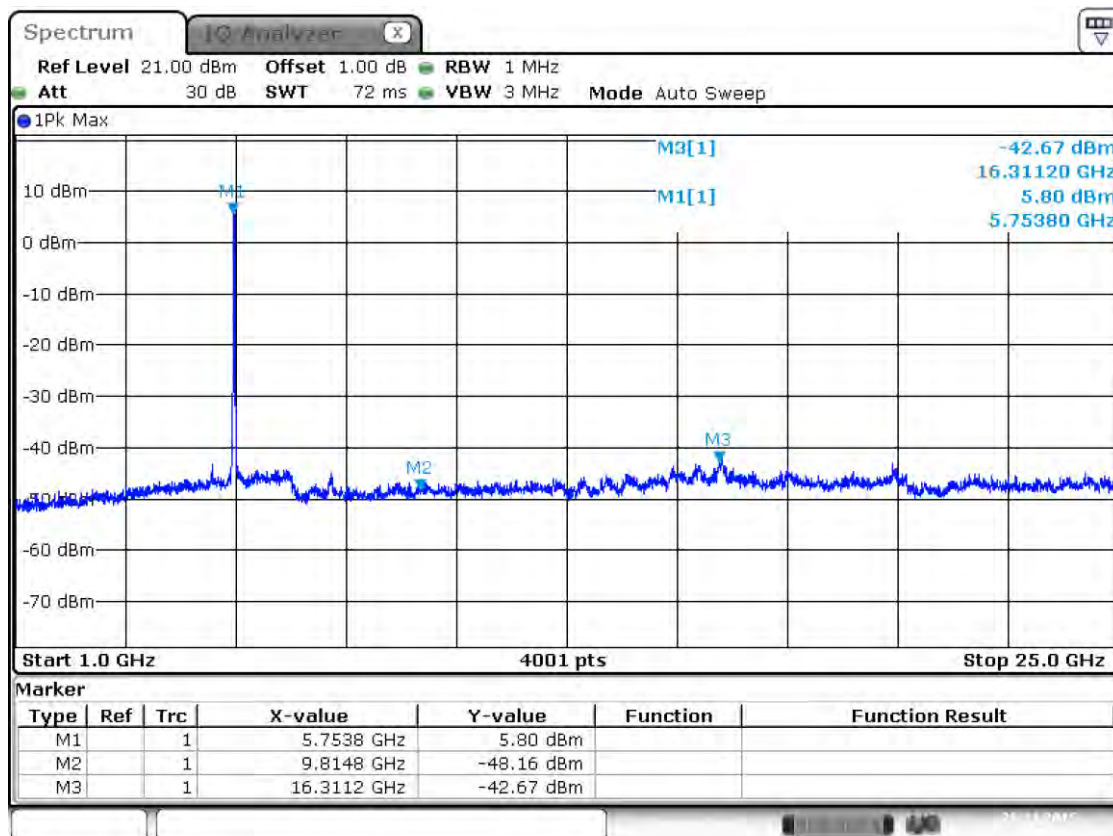
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT40) CH151

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
9814.8	-48.16	0	3	3.7	PK	50.80	84.76	33.96	Note 2	PASS
	N/A		3	3.7	AV	N/A	64.76	N/A	Note 3	PASS
16311.2	-42.67	0	3	3.7	PK	56.29	84.76	28.47	Note 2	PASS
	N/A		3	3.7	AV	N/A	64.76	N/A	Note 3	PASS
5753.8	5.8	0	3	3.7	PK	104.76	N/A	N/A	Note 1	N/A
	-19.05		3	3.7	AV	79.91	N/A	N/A		N/A

Test Plots

Band IV 11n(HT40) CH151, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:17:52

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

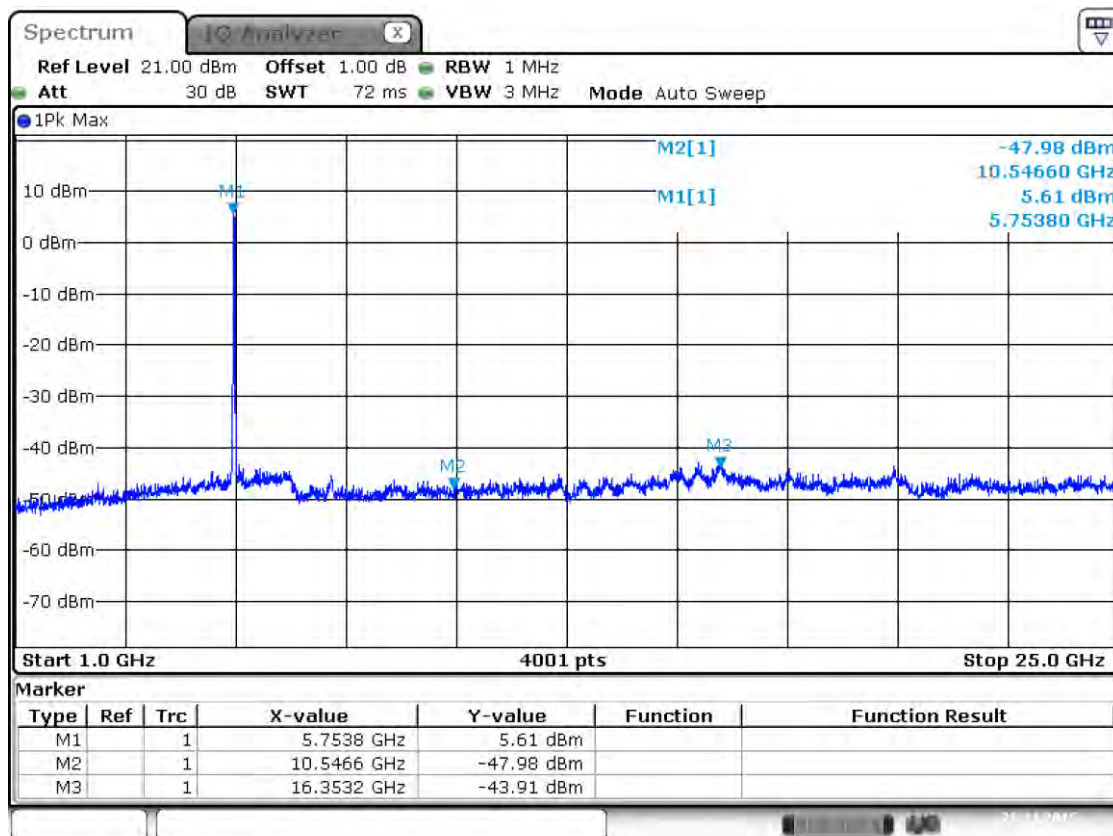
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11n(HT40) CH159

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
10546.6	-47.98	0	3	3.7	PK	50.98	84.57	33.59	Note 2	PASS
	N/A		3	3.7	AV	N/A	64.57	N/A	Note 3	PASS
16353.2	-43.91	0	3	3.7	PK	55.05	84.57	29.52	Note 2	PASS
	N/A		3	3.7	AV	N/A	64.57	N/A	Note 3	PASS
5753.8	5.61	0	3	3.7	PK	104.57	N/A	N/A	Note 1	N/A
	-19.24		3	3.7	AV	79.72	N/A	N/A		N/A

Test Plots

Band IV 11n(HT40) CH159, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 15:18:44

The EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2dBi, whichever is greater.

And the maximum in-band gain of the antenna is 3.7 dBi.

Note 1: The frequency is fundamental signal which can be ignored.

Note 2: Which frequency is not within a restricted band, and its limit line is 20dB below the highest emission level.

Note 3: Average measurement was not performed if peak level went lower than the average limit.

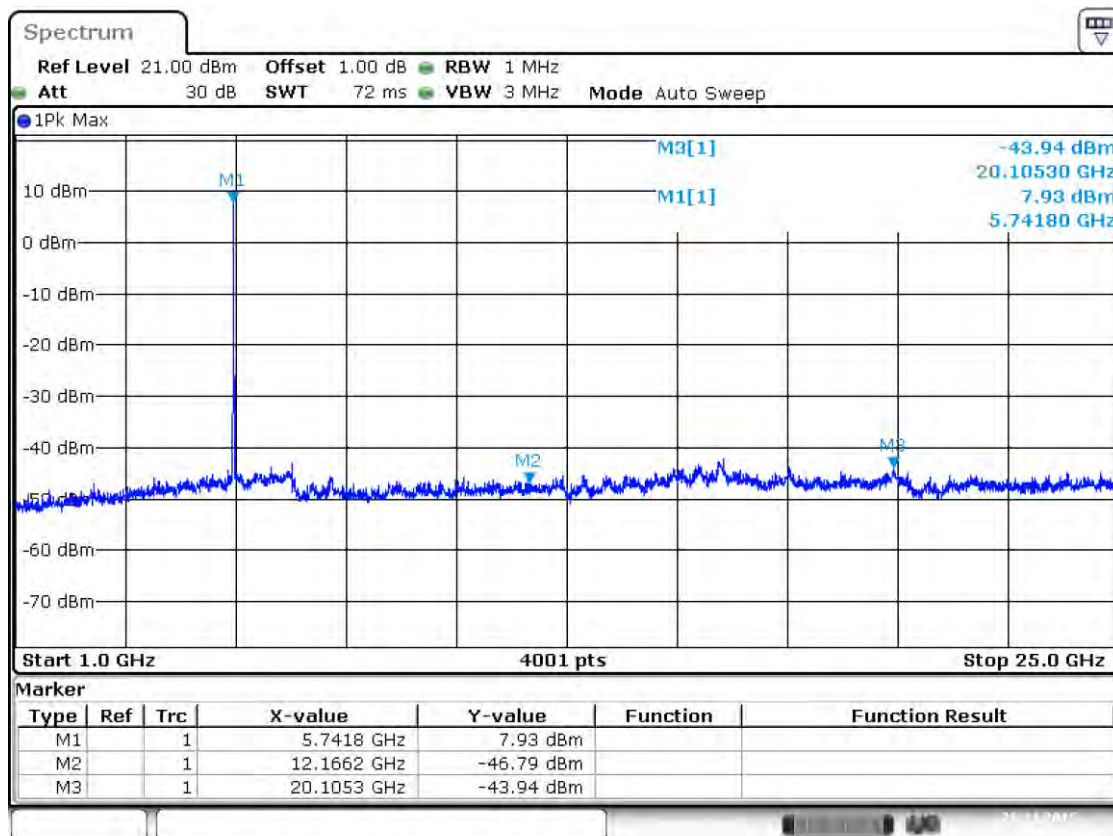
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) CH149

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
12166.2	-46.79	0	3	3.7	PK	52.17	74.00	21.83	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
20105.3	-43.94	0	3	3.7	PK	55.02	74.00	18.98	--	PASS
	N/A		3	3.7	AV	N/A	54.00	N/A	Note 3	PASS
5741.8	7.93	0	3	3.7	PK	106.89	N/A	N/A	Note 1	N/A
	-16.92		3	3.7	AV	82.04	N/A	N/A		N/A

Test Plots

Band IV 11ac(HT20) CH149, SPURIOUS 1 GHz ~ 25 GHz



Date: 26.NOV.2015 12:47:04