

Band IV 11n(HT20) CH149



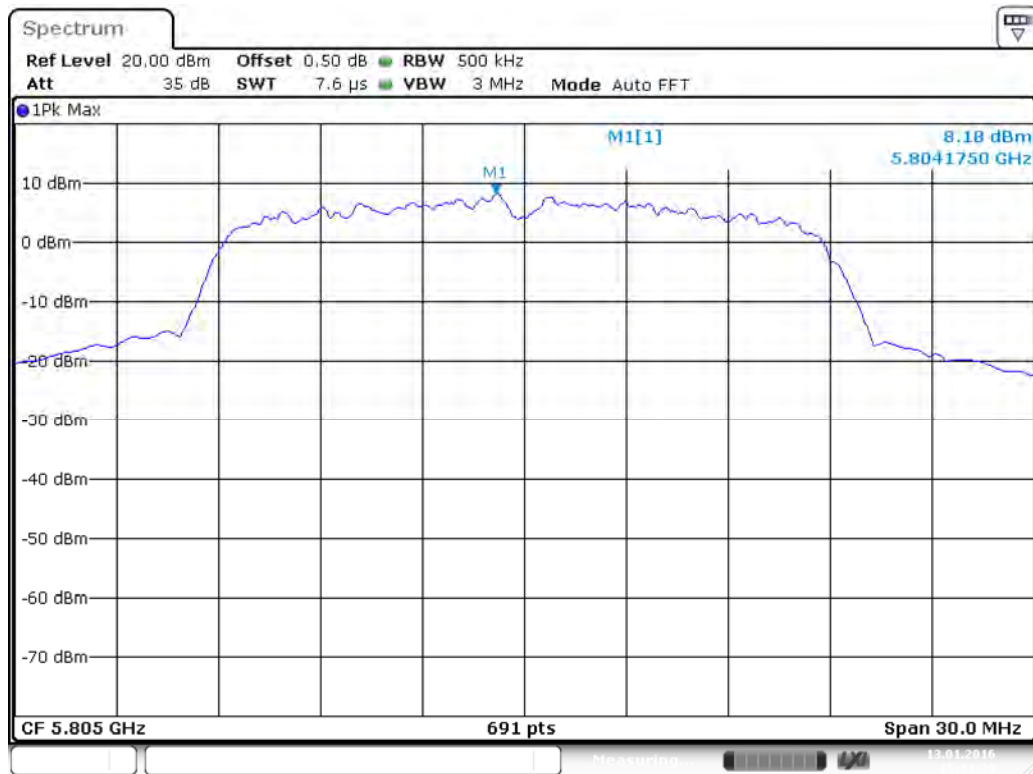
Date: 13.JAN.2016 15:29:46

Band IV 11n(HT20) CH157



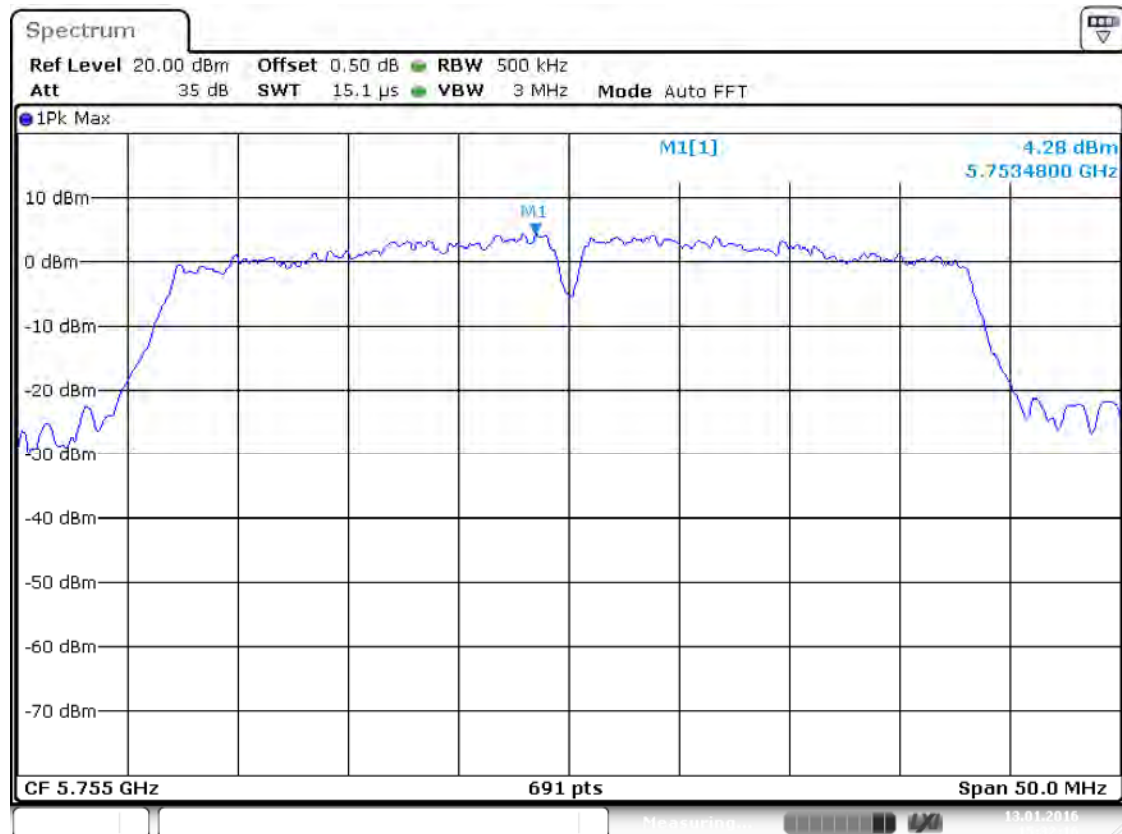
Date: 13.JAN.2016 15:30:50

Band IV 11n(HT20) CH161



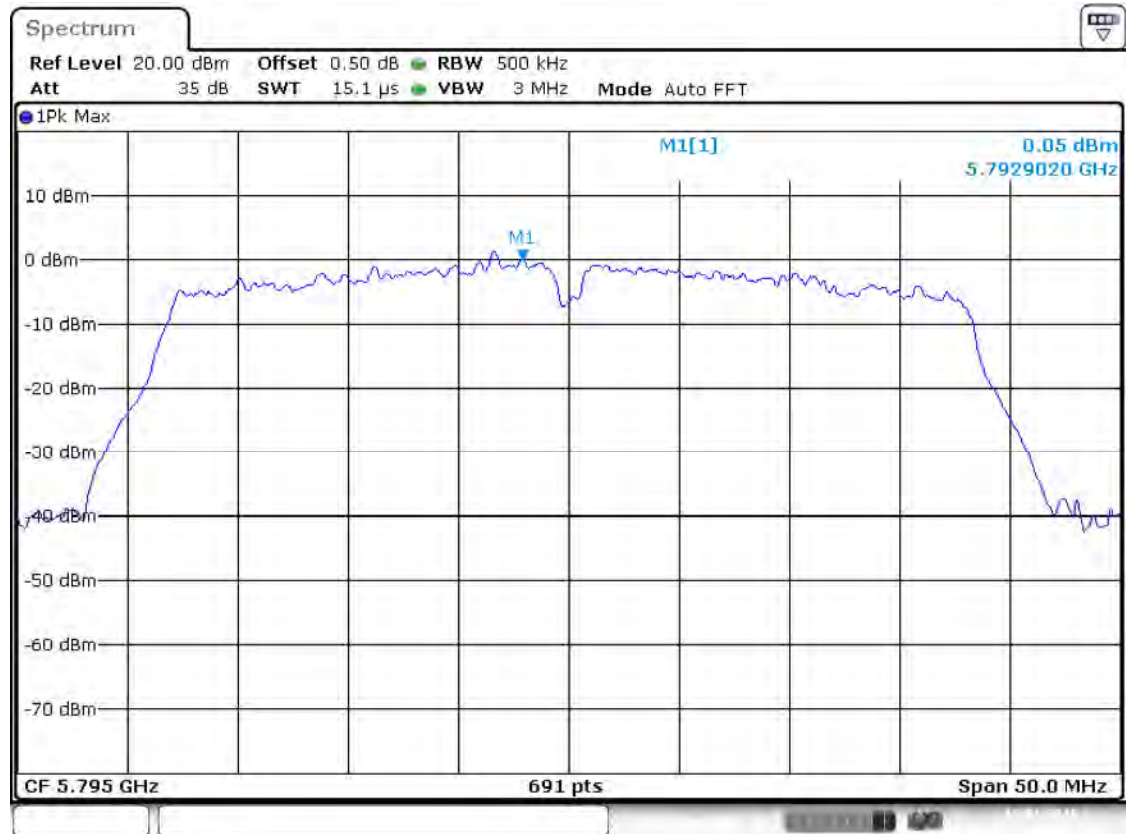
Date: 13.JAN.2016 15:31:30

Band IV 11n(HT40) CH151



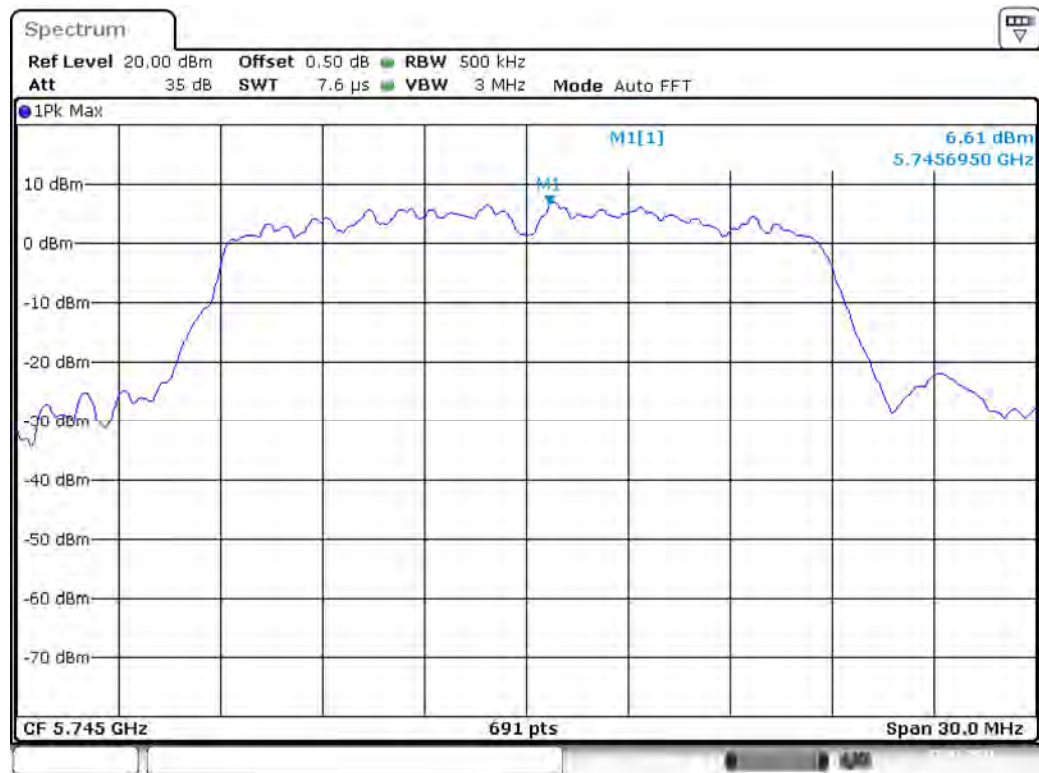
Date: 13.JAN.2016 15:32:16

Band IV 11n(HT40) CH159



Date: 13. JAN. 2016 15:32:52

Band IV 11ac(HT20) CH149



Date: 13. JAN. 2016 15:24:19

Band IV 11ac(HT20) CH157



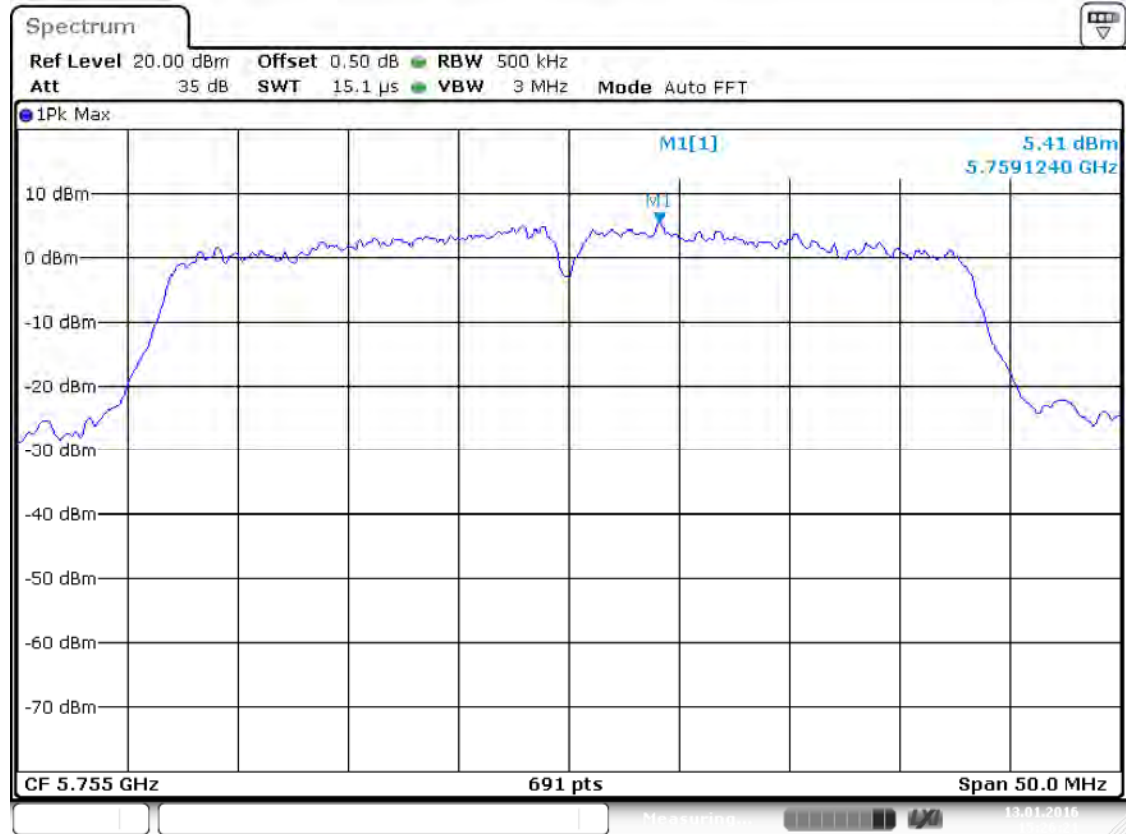
Date: 13. JAN. 2016 15:24:50

Band IV 11ac(HT20) CH161



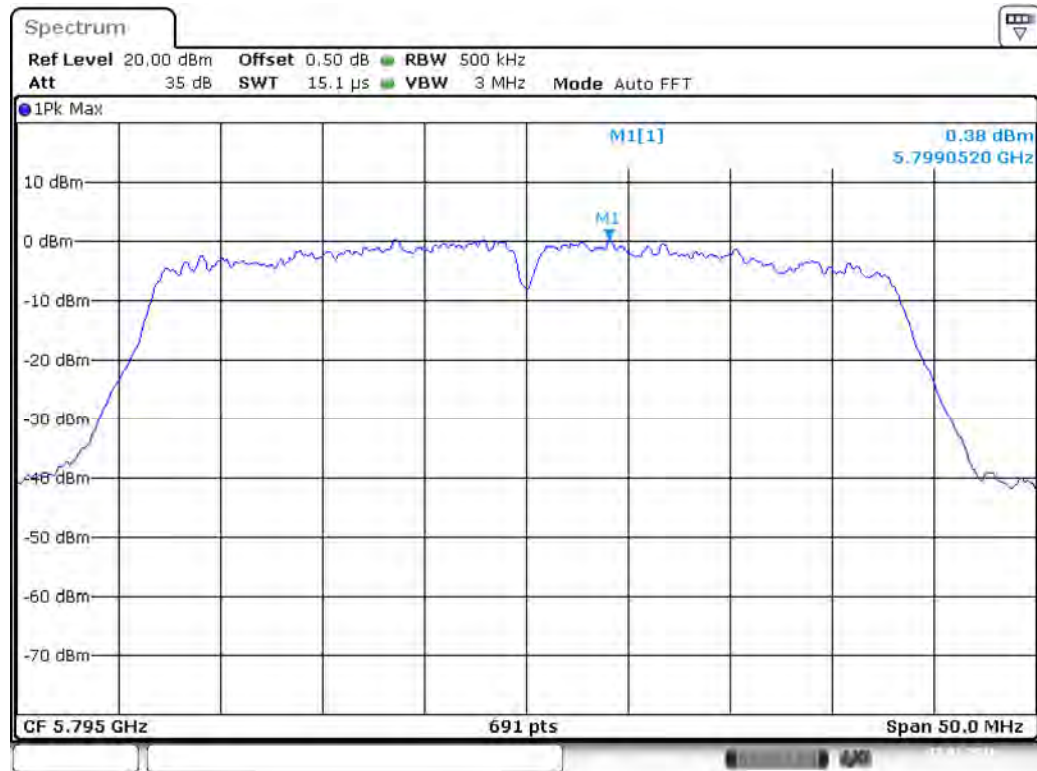
Date: 13. JAN. 2016 15:25:15

Band IV 11ac(HT40) CH151



Date: 13. JAN. 2016 15:26:21

Band IV 11ac(HT40) CH159



Date: 13. JAN. 2016 15:27:29

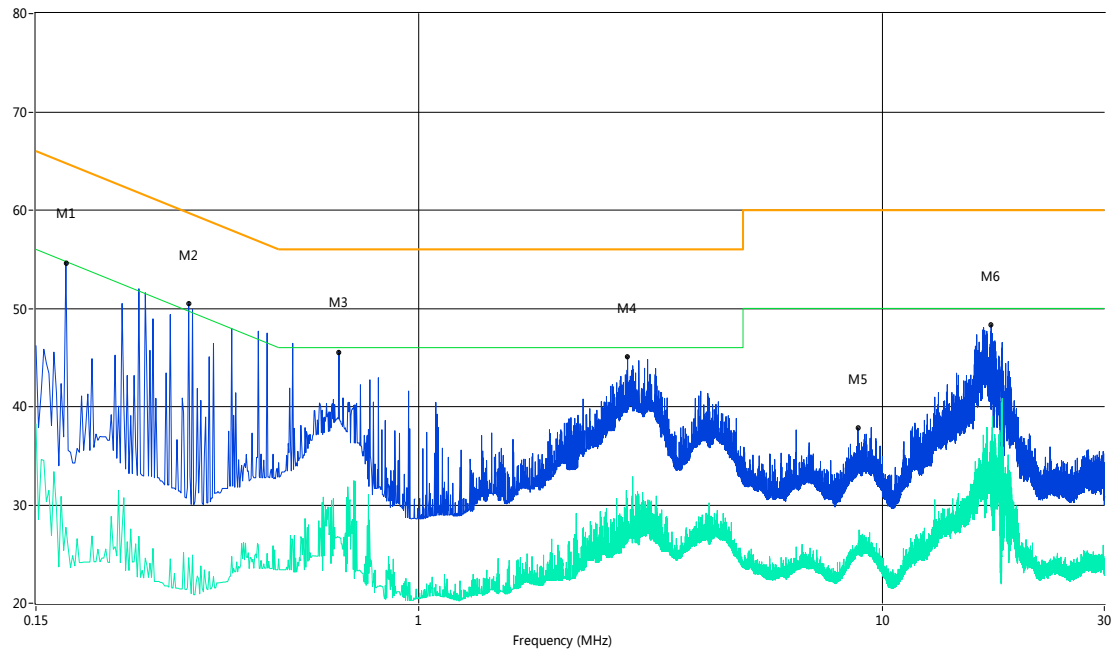
A.5 Conducted Emissions

Note: All configurations have been tested, only the worst configuration shown here.

Test Data and Plots

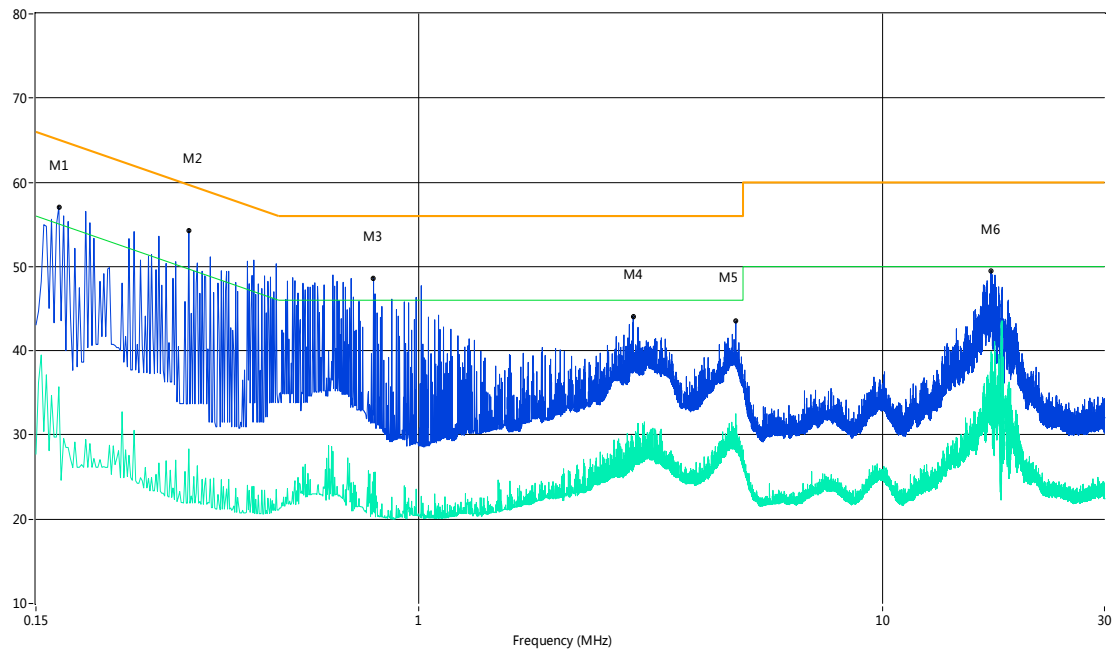
CONFIGURATION A+ C-P35 (HUNTKEY)

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.17	54.6	13.00	65.3	10.70	Peak	L Line	Pass
1**	0.17	27.7	13.00	55.3	27.60	AV	L Line	Pass
2	0.32	50.5	13.00	61.1	10.60	Peak	L Line	Pass
2**	0.32	24.6	13.00	51.1	26.50	AV	L Line	Pass
3	0.67	45.5	13.00	56.0	10.50	Peak	L Line	Pass
3**	0.67	22.4	13.00	46.0	23.60	AV	L Line	Pass
4	2.82	45.1	13.00	56.0	10.90	Peak	L Line	Pass
4**	2.82	28.1	13.00	46.0	17.90	AV	L Line	Pass
5	8.85	37.8	13.00	60.0	22.20	Peak	L Line	Pass
5**	8.85	25.4	13.00	50.0	24.60	AV	L Line	Pass
6	17.12	48.3	13.00	60.0	11.70	Peak	L Line	Pass
6**	17.12	36.5	13.00	50.0	13.50	AV	L Line	Pass

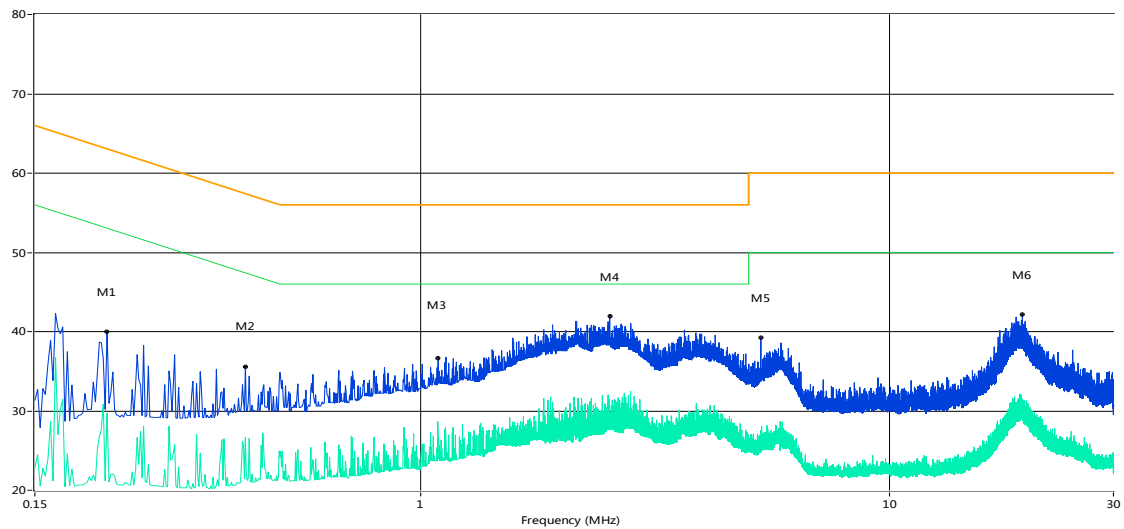
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.17	57.1	13.00	65.5	8.40	Peak	N Line	Pass
1**	0.17	35.7	13.00	55.5	19.80	AV	N Line	Pass
2	0.32	54.3	13.00	61.1	6.80	Peak	N Line	Pass
2**	0.32	28.3	13.00	51.1	22.80	AV	N Line	Pass
3	0.80	48.6	13.00	56.0	7.40	Peak	N Line	Pass
3**	0.80	25.6	13.00	46.0	20.40	AV	N Line	Pass
4	2.90	44.1	13.00	56.0	11.90	Peak	N Line	Pass
4**	2.90	29.2	13.00	46.0	16.80	AV	N Line	Pass
5	4.82	43.5	13.00	56.0	12.50	Peak	N Line	Pass
5**	4.82	32.5	13.00	46.0	13.50	AV	N Line	Pass
6	17.12	49.5	13.00	60.0	10.50	Peak	N Line	Pass
6**	17.12	37.7	13.00	50.0	12.30	AV	N Line	Pass

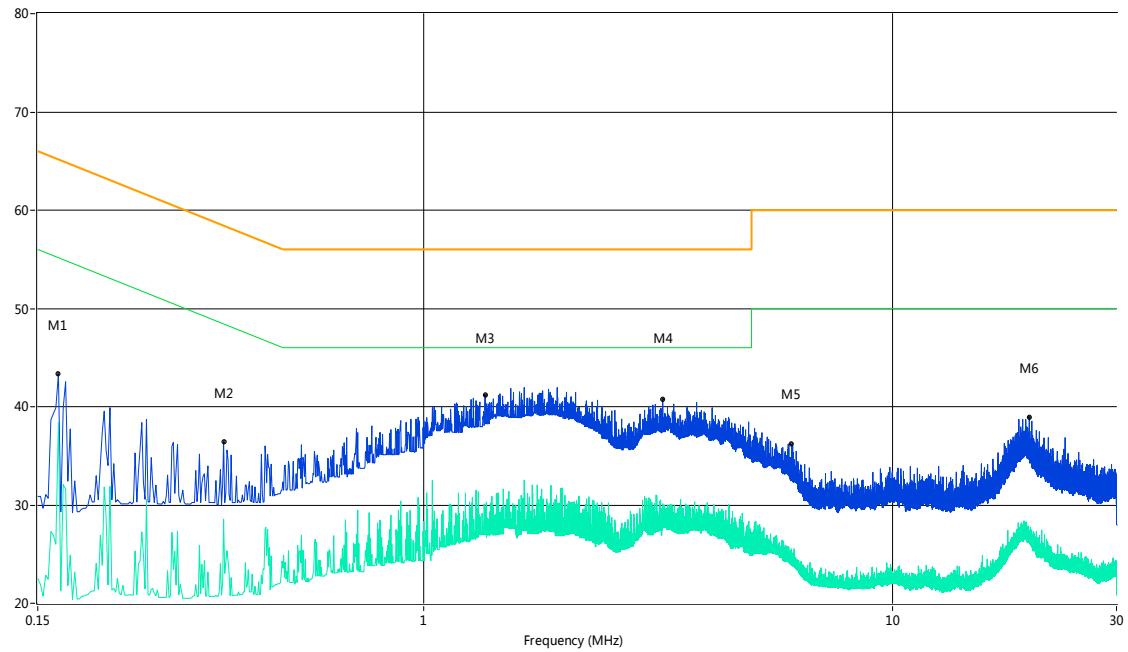
CONFIGURATION B+ C-P35 (Acbel)

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.21	40.0	13.00	64.2	24.20	Peak	L Line	Pass
1**	0.21	29.7	13.00	54.2	24.50	AV	L Line	Pass
2	0.42	35.6	13.00	58.2	22.60	Peak	L Line	Pass
2**	0.42	26.7	13.00	48.2	21.50	AV	L Line	Pass
3	1.09	36.7	13.00	56.0	19.30	Peak	L Line	Pass
3**	1.09	24.8	13.00	46.0	21.20	AV	L Line	Pass
4	2.53	41.9	13.00	56.0	14.10	Peak	L Line	Pass
4**	2.53	29.5	13.00	46.0	16.50	AV	L Line	Pass
5	5.31	39.2	13.00	60.0	20.80	Peak	L Line	Pass
5**	5.31	27.5	13.00	50.0	22.50	AV	L Line	Pass
6	19.18	42.2	13.00	60.0	17.80	Peak	L Line	Pass
6**	19.18	30.6	13.00	50.0	19.40	AV	L Line	Pass

PHASE N

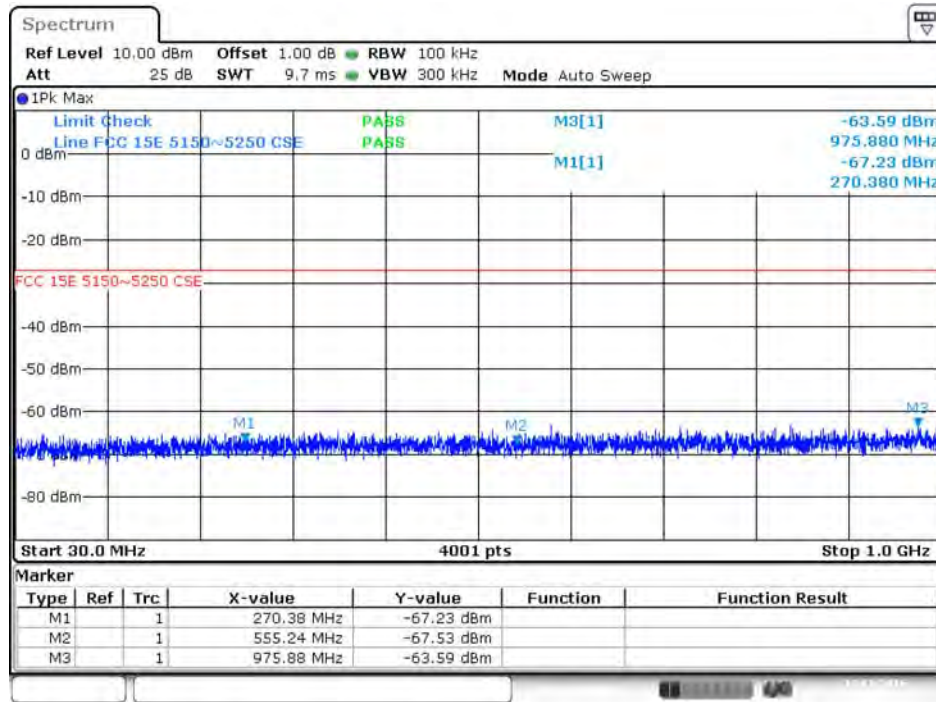


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.17	43.3	13.00	65.5	22.20	QP	N Line	Pass
1**	0.17	38.4	13.00	55.5	17.10	AV	N Line	Pass
2	0.37	36.4	13.00	59.6	23.20	QP	N Line	Pass
2**	0.37	28.5	13.00	49.6	21.10	AV	N Line	Pass
3	1.35	41.2	13.00	56.0	14.80	QP	N Line	Pass
3**	1.35	24.5	13.00	46.0	21.50	AV	N Line	Pass
4	3.23	40.7	13.00	56.0	15.30	QP	N Line	Pass
4**	3.23	30.1	13.00	46.0	15.90	AV	N Line	Pass
5	6.08	36.2	13.00	60.0	23.80	QP	N Line	Pass
5**	6.08	24.1	13.00	50.0	25.90	AV	N Line	Pass
6	19.55	38.9	13.00	60.0	21.10	QP	N Line	Pass
6**	19.55	26.8	13.00	50.0	23.20	AV	N Line	Pass

A.6 Conducted Spurious Emission

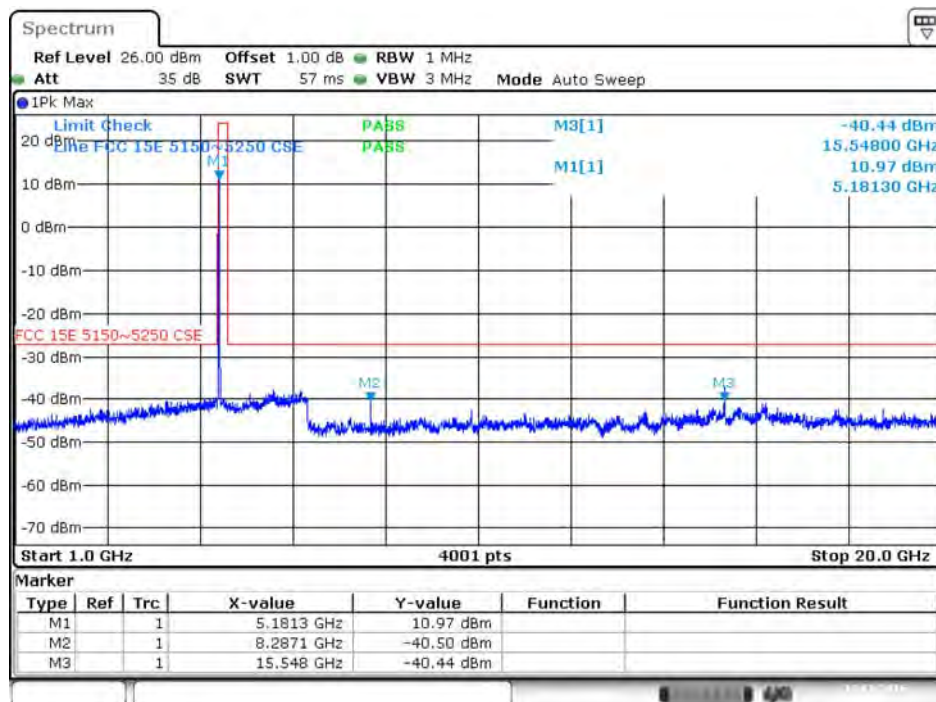
Note: In 30 MHz-1000 MHz and 20 GHz-40 GHz, all configurations have been tested, only the worst (Band I 11a CH36) configuration shown here.

Band I 11a CH36 (30 ~ 1000 MHz)



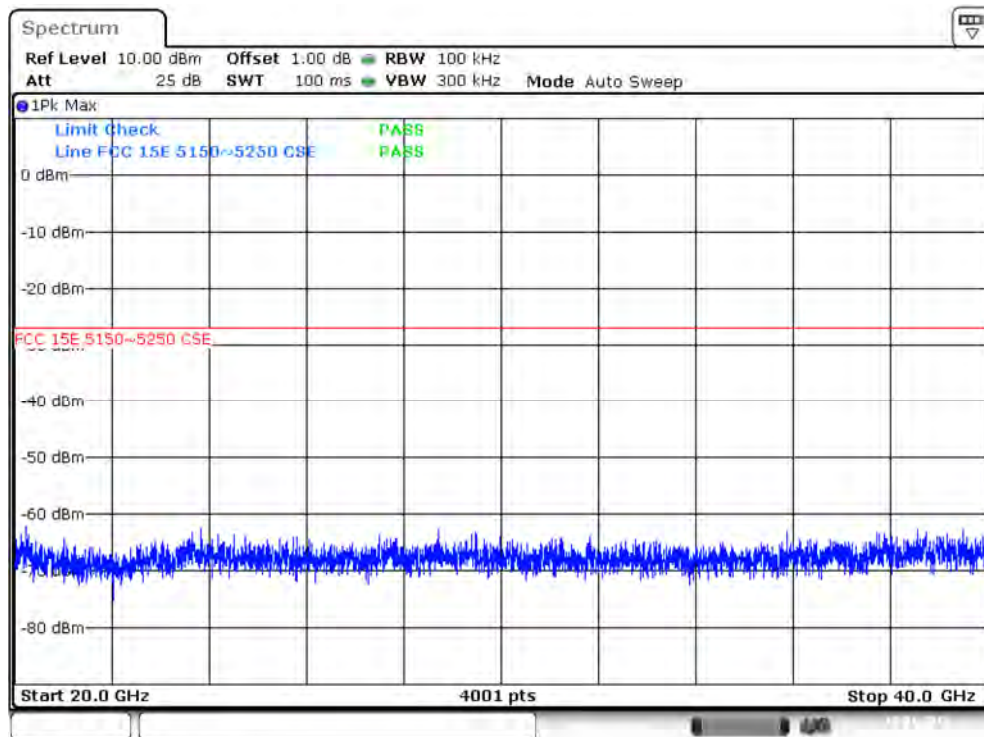
Date: 14. JAN 2016 13:32:33

Band I 11a CH36 (1 ~ 20 GHz)



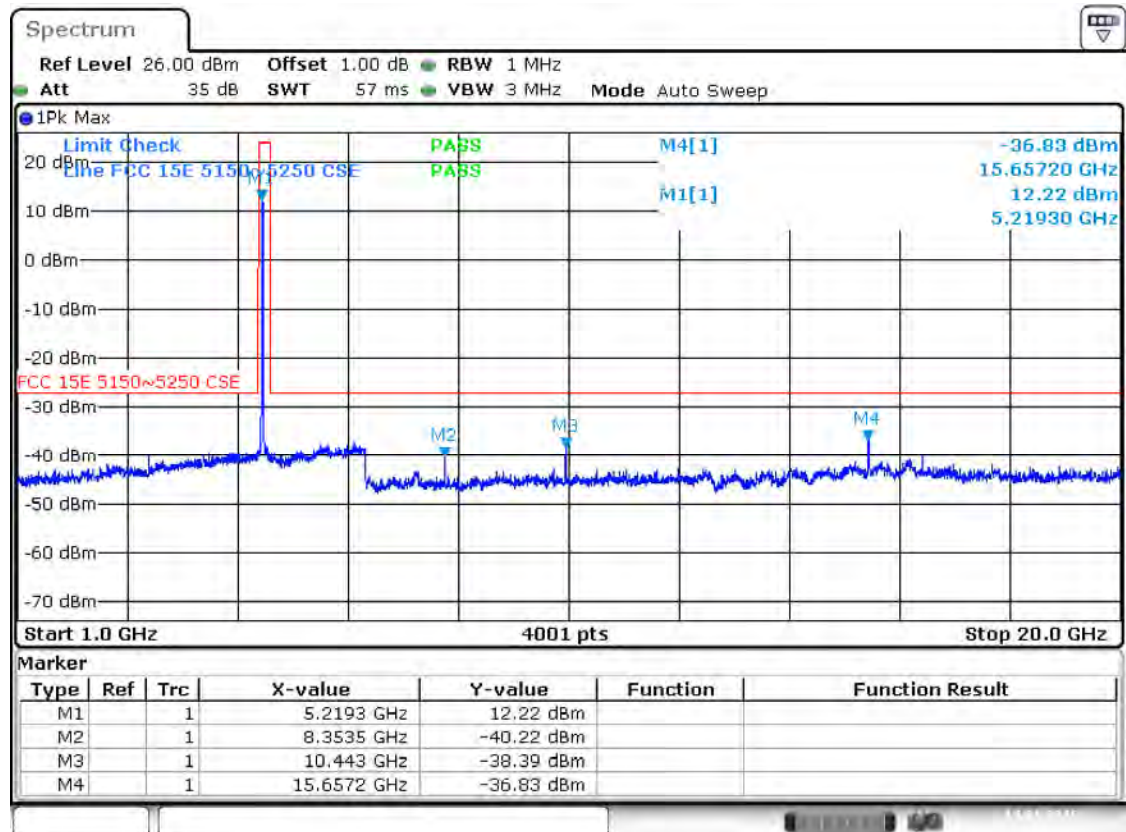
Date: 14. JAN 2016 13:40:32

Band I 11a CH36 (20 ~ 40 GHz)



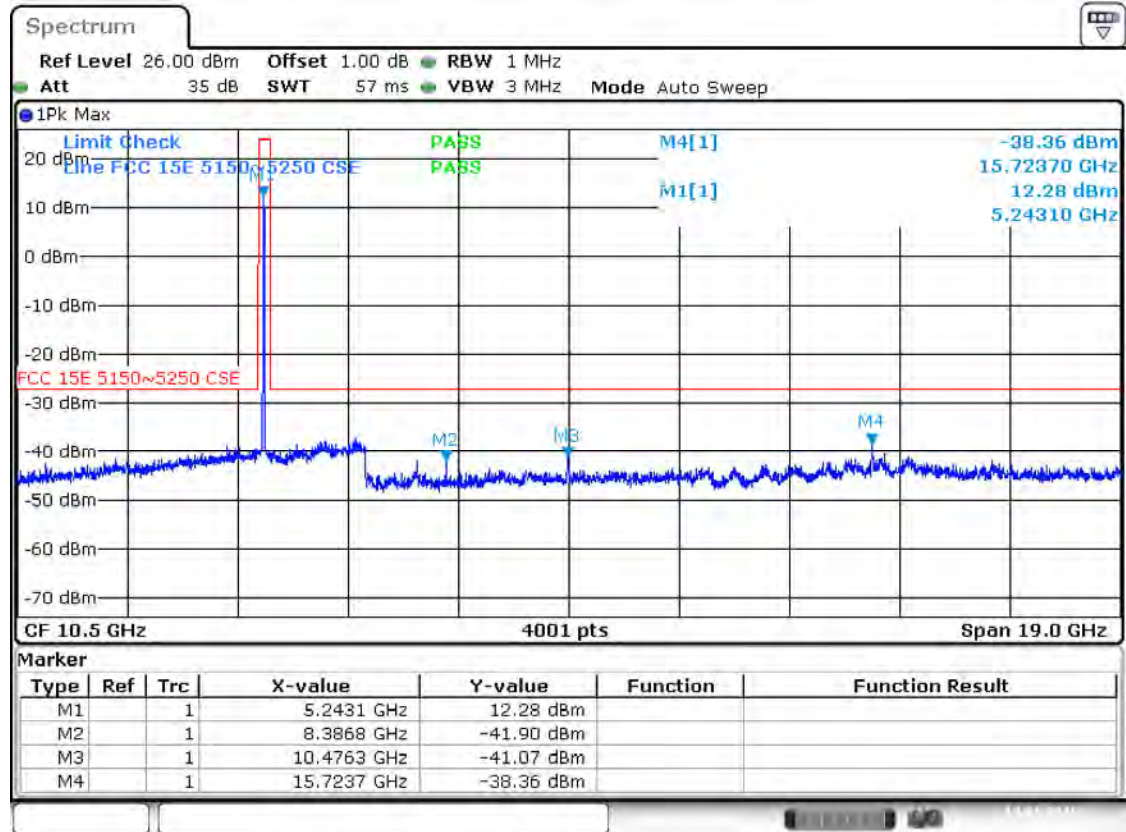
Date: 14.JAN.2016 13:34:45

Band I 11a CH44 (1 ~ 20 GHz)



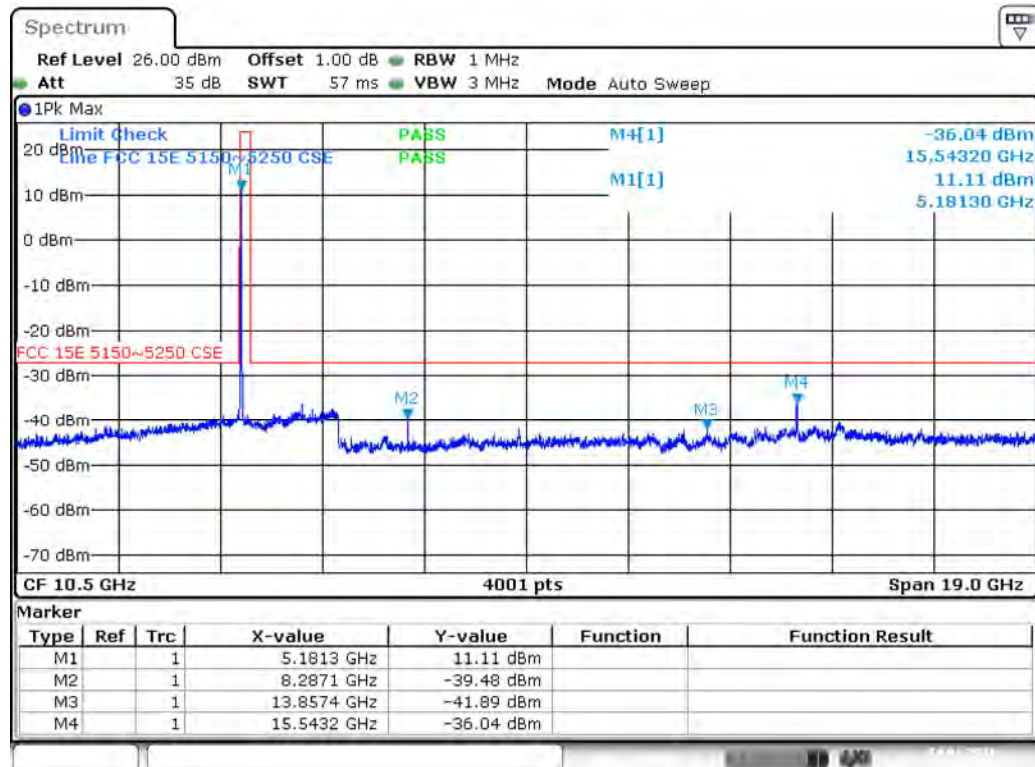
Date: 14.JAN.2016 13:41:45

Band I 11a CH48 (1 ~ 20 GHz)



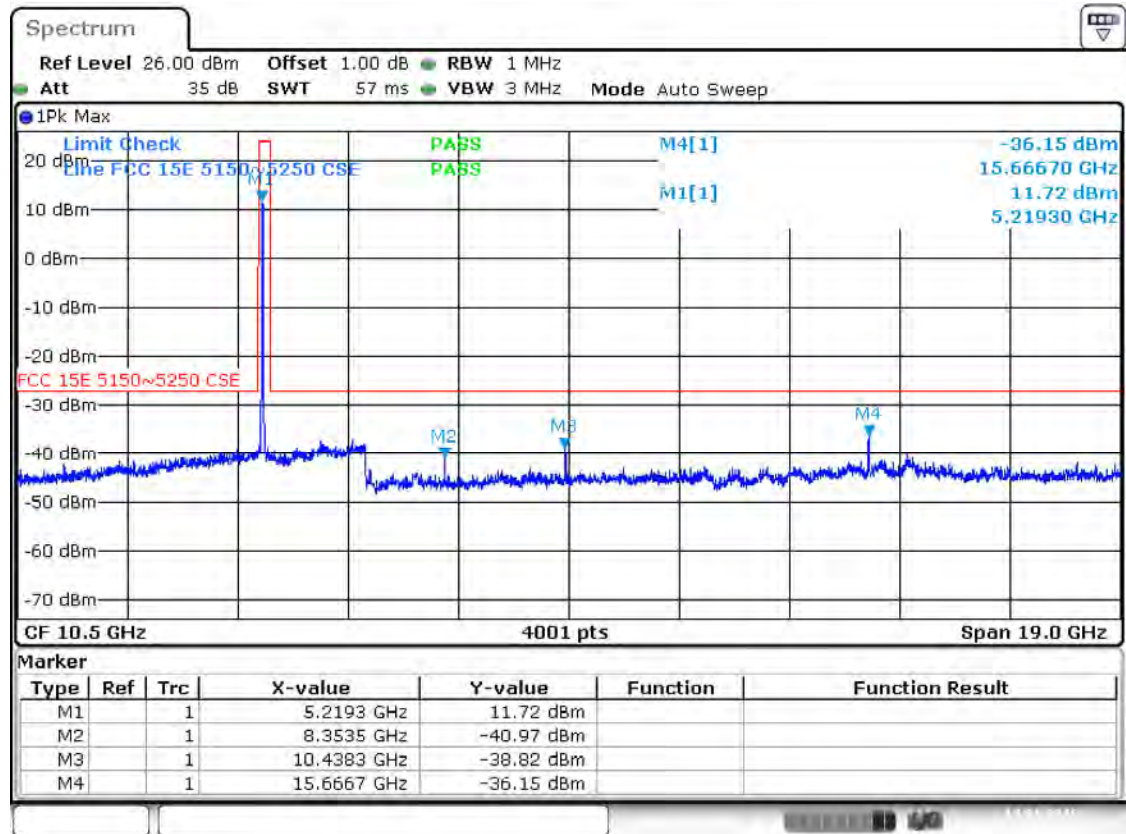
Date: 14.JAN.2016 13:42:36

Band I 11n(HT20) CH36 (1 ~ 20 GHz)



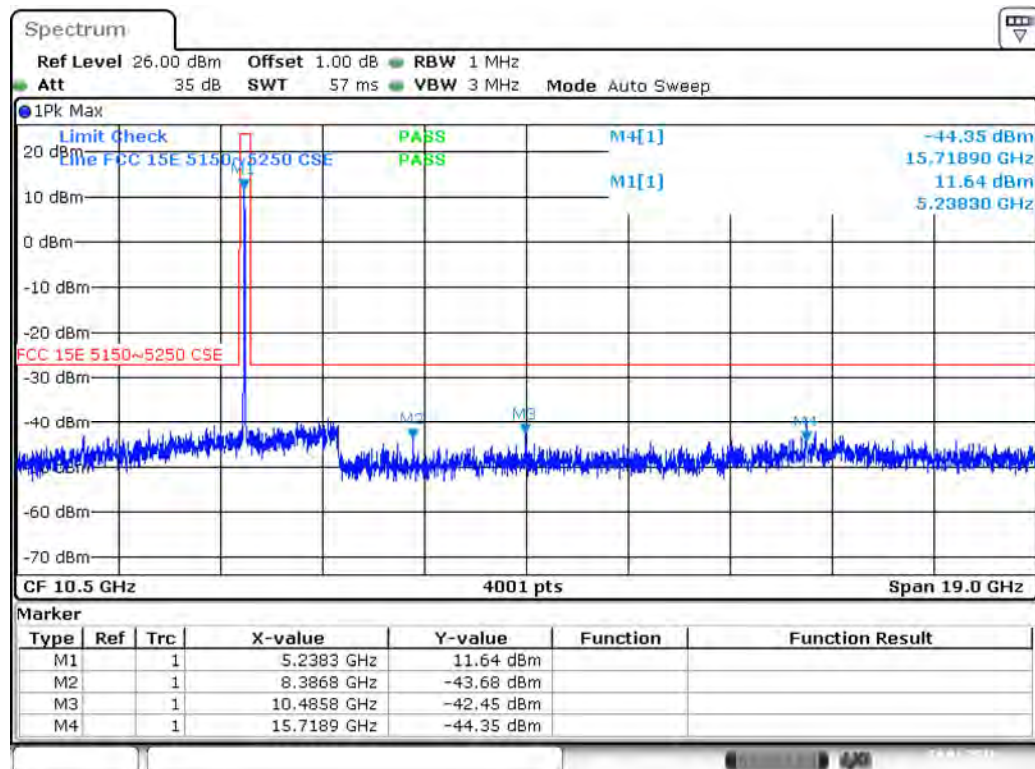
Date: 14.JAN.2016 14:27:00

Band I 11n(HT20) CH44 (1 ~ 20 GHz)



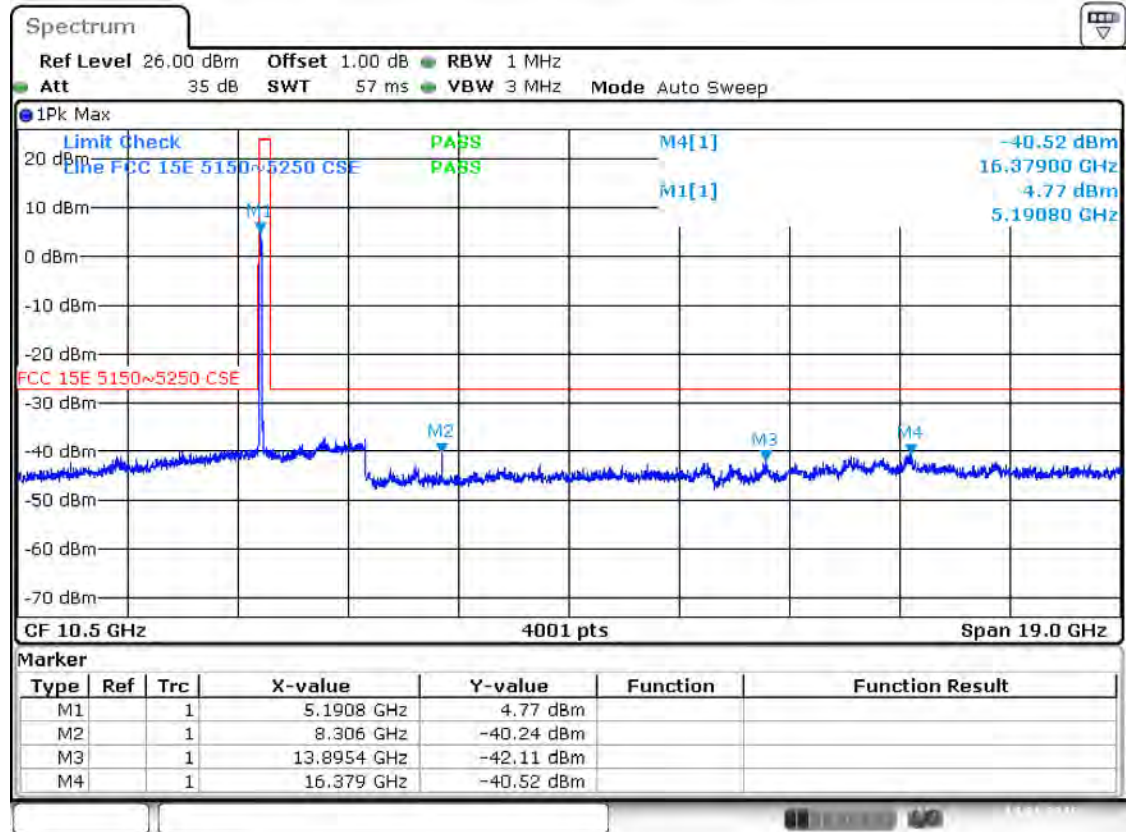
Date: 14.JAN.2016 14:28:00

Band I 11n(HT20) CH48 (1 ~ 20 GHz)



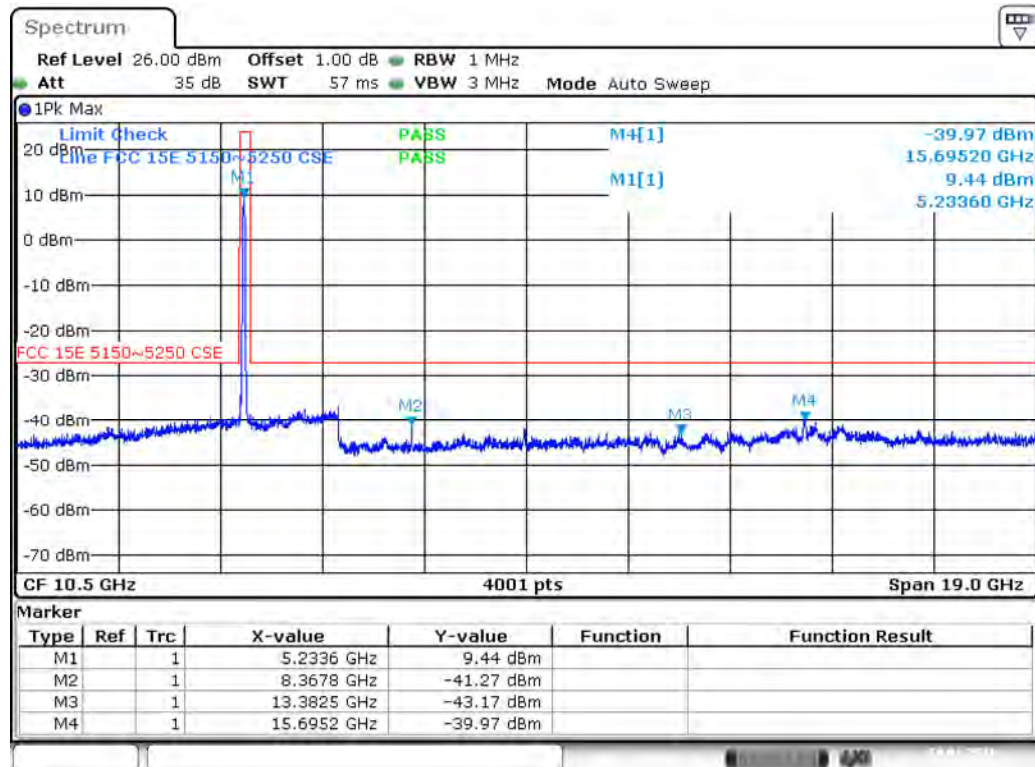
Date: 14.JAN.2016 15:10:48

Band I 11n(HT40) CH38 (1 ~ 20 GHz)



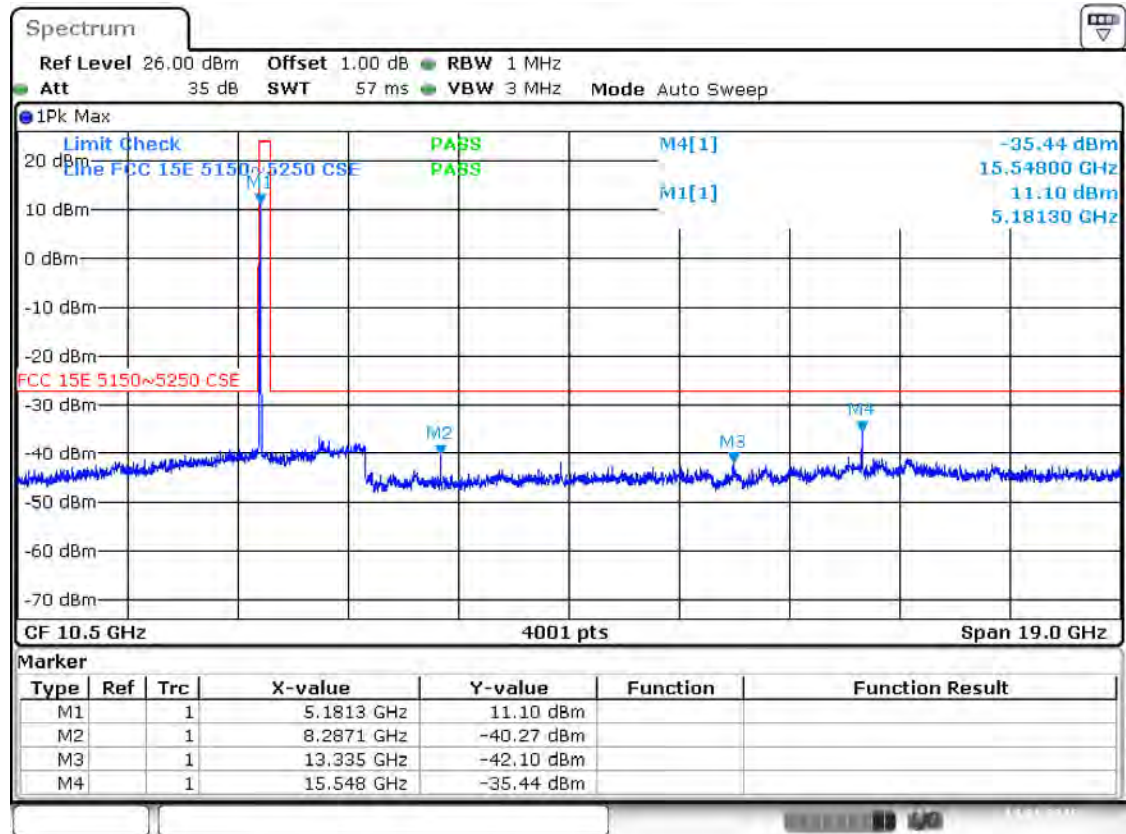
Date: 14.JAN.2016 15:25:51

Band I 11n(HT40) CH46 (1 ~ 20 GHz)



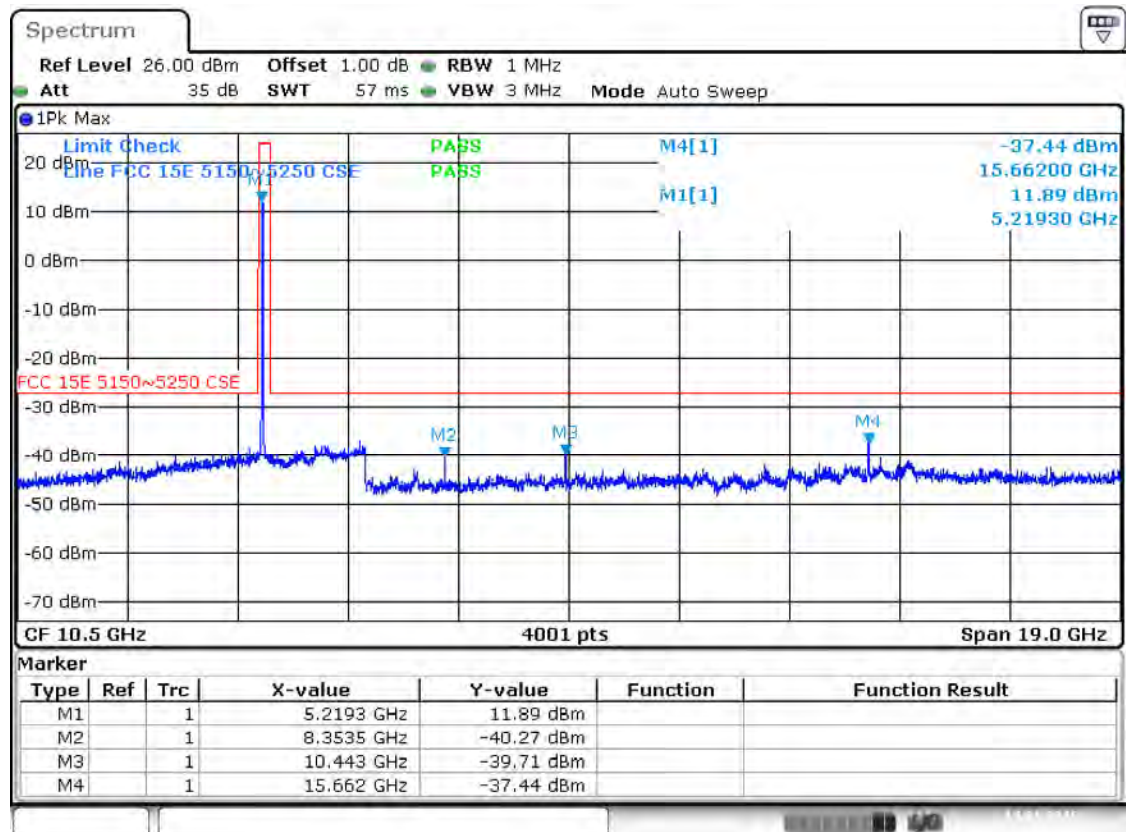
Date: 14.JAN.2016 15:26:44

Band I 11ac(HT20) CH36 (1 ~ 20 GHz)



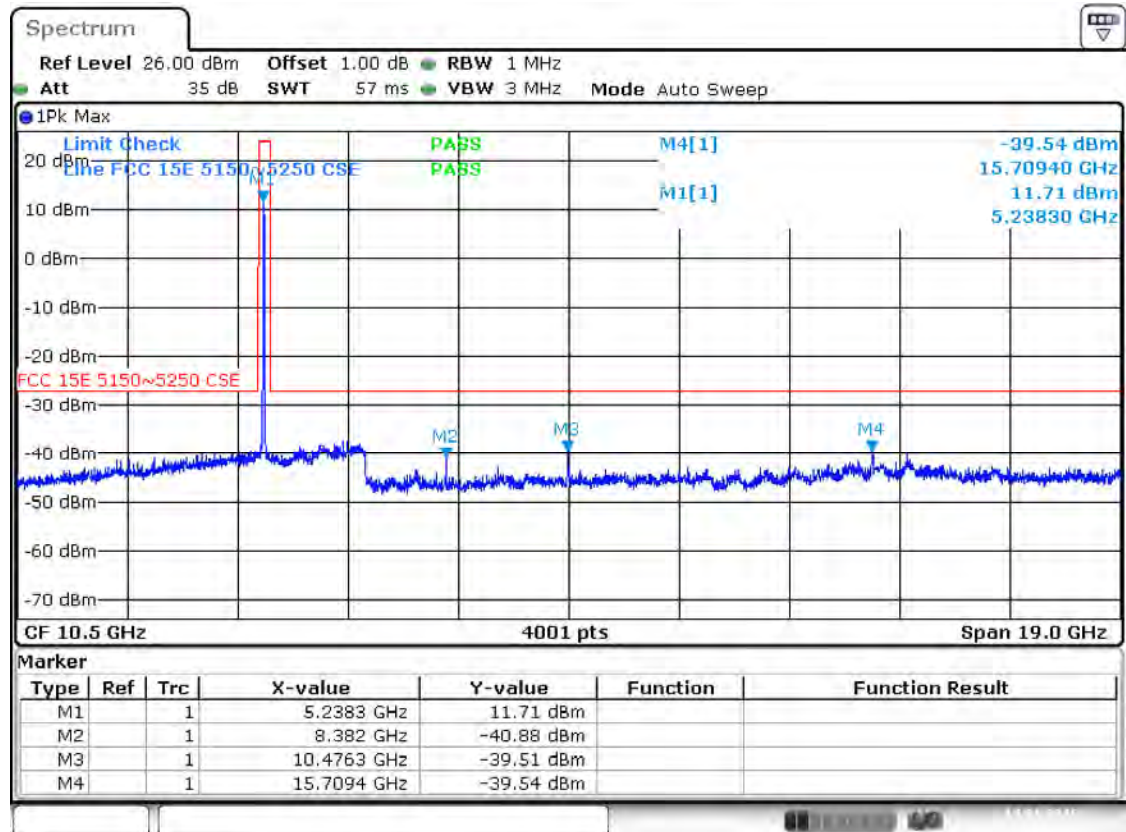
Date: 14.JAN.2016 13:56:26

Band I 11ac(HT20) CH44 (1 ~ 20 GHz)



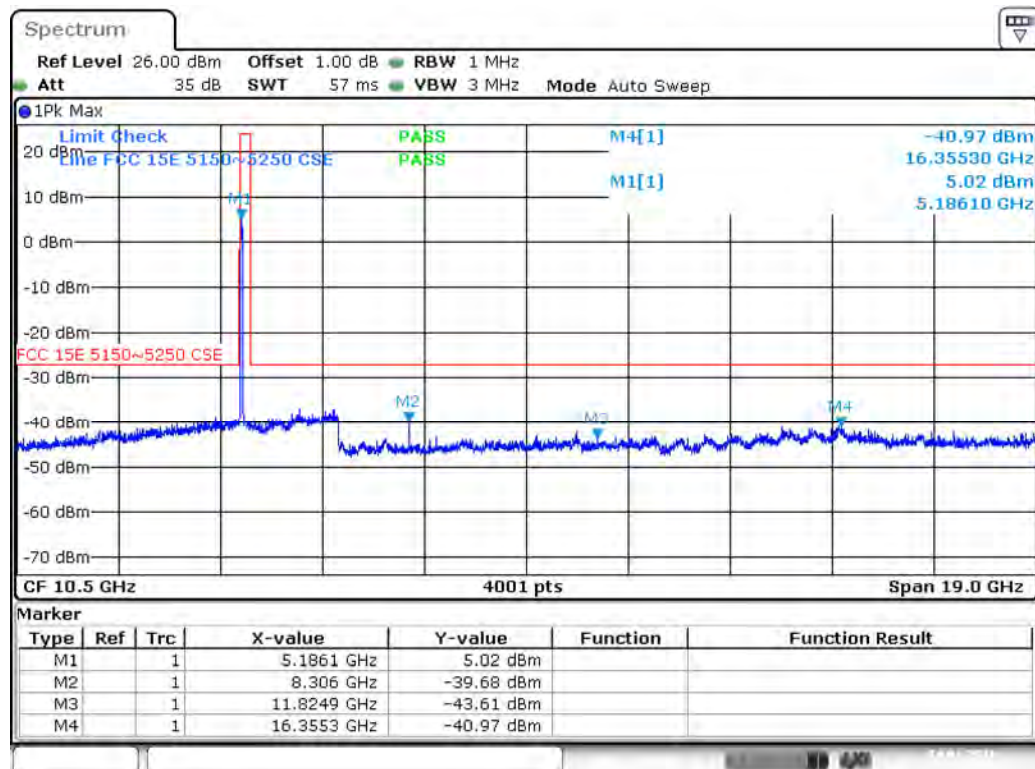
Date: 14.JAN.2016 13:59:56

Band I 11ac(HT20) CH48 (1 ~ 20 GHz)



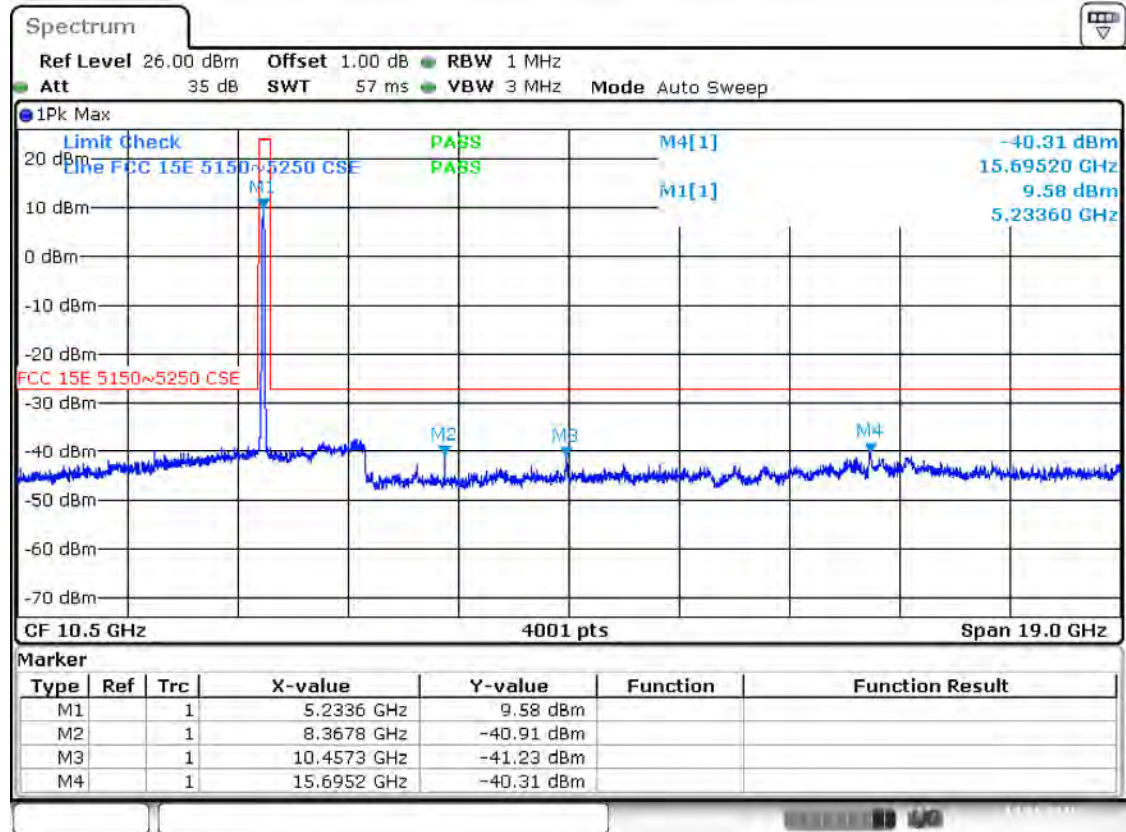
Date: 14.JAN.2016 14:00:40

Band I 11ac(HT40) CH38 (1 ~ 20 GHz)



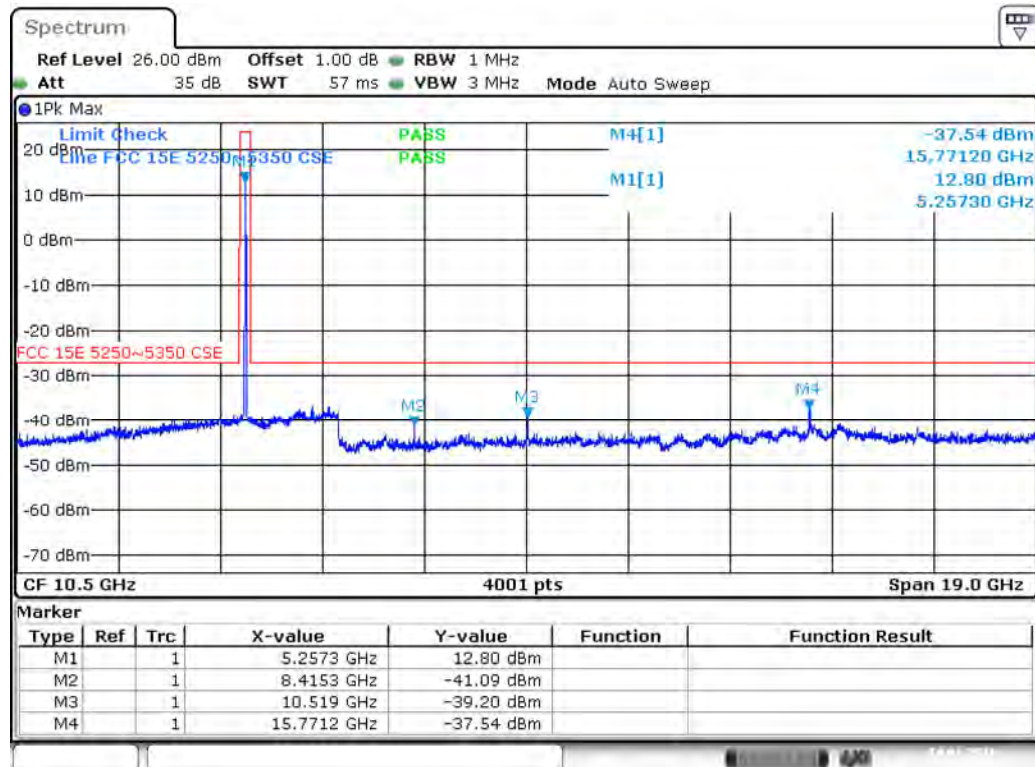
Date: 14.JAN.2016 14:15:29

Band I 11ac(HT40) CH46 (1 ~ 20 GHz)



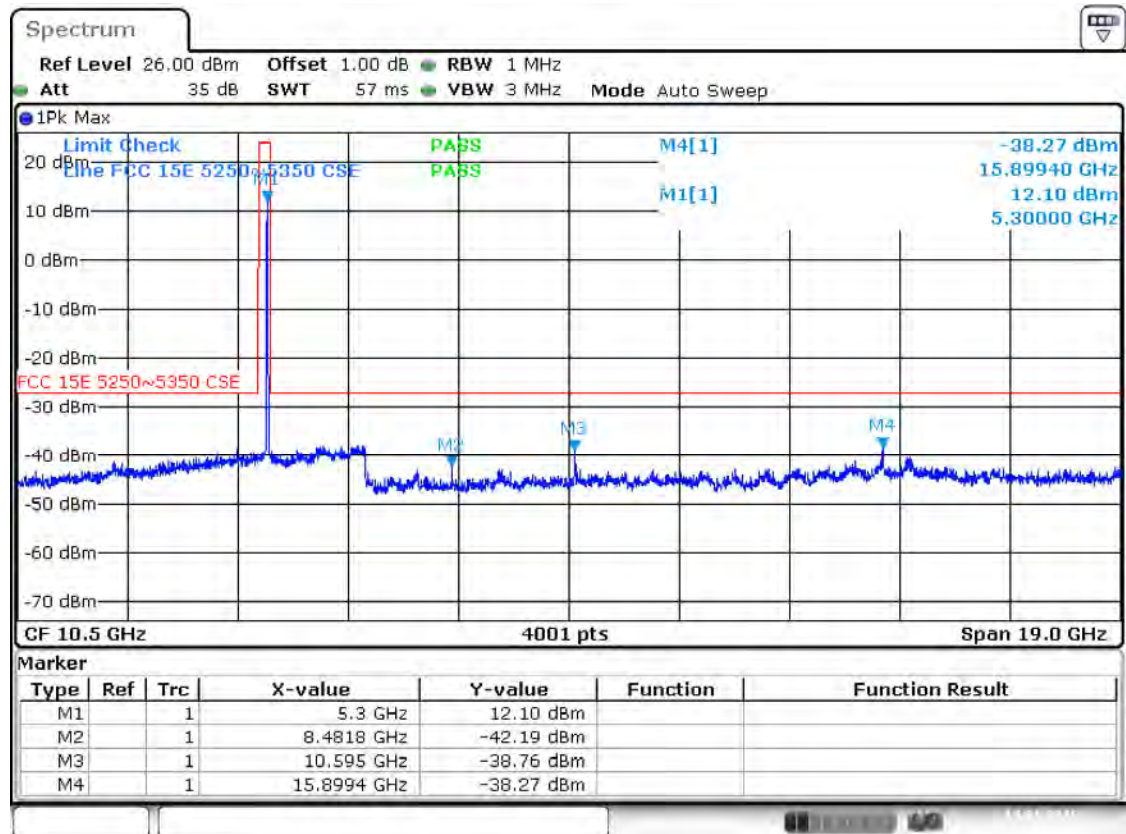
Date: 14.JAN.2016 14:16:42

Band II 11a CH52 (1 ~ 20 GHz)



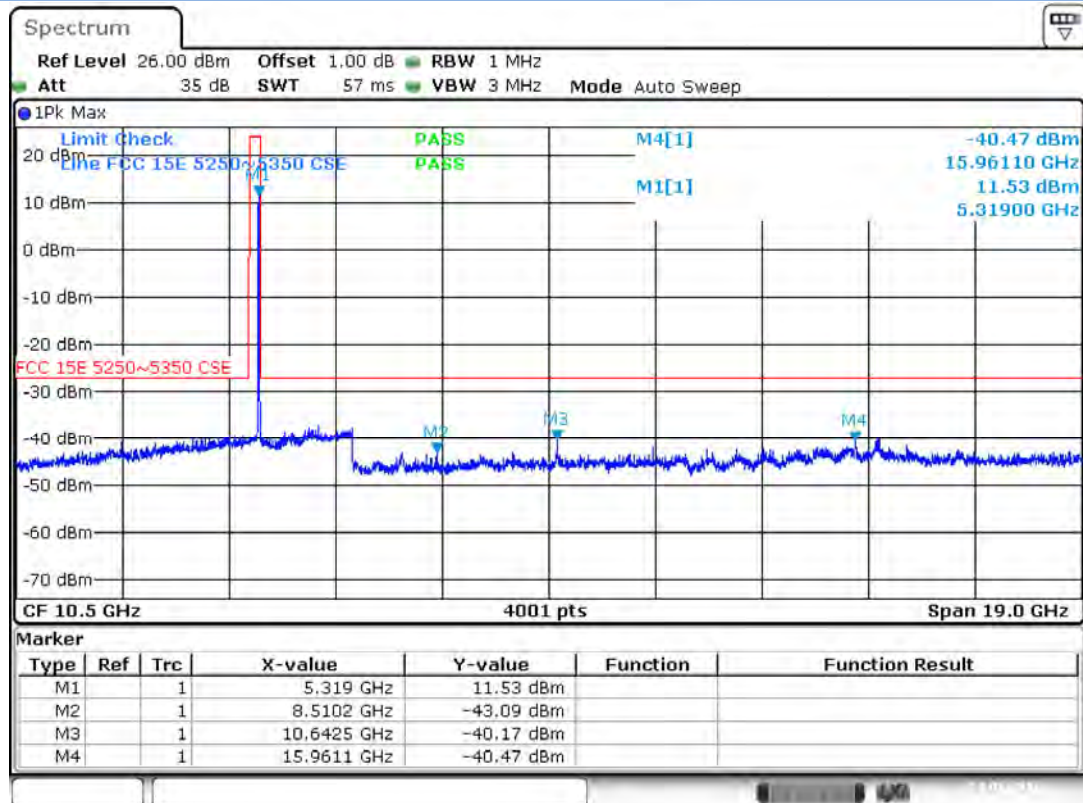
Date: 14.JAN.2016 13:44:23

Band II 11a CH60 (1 ~ 20 GHz)



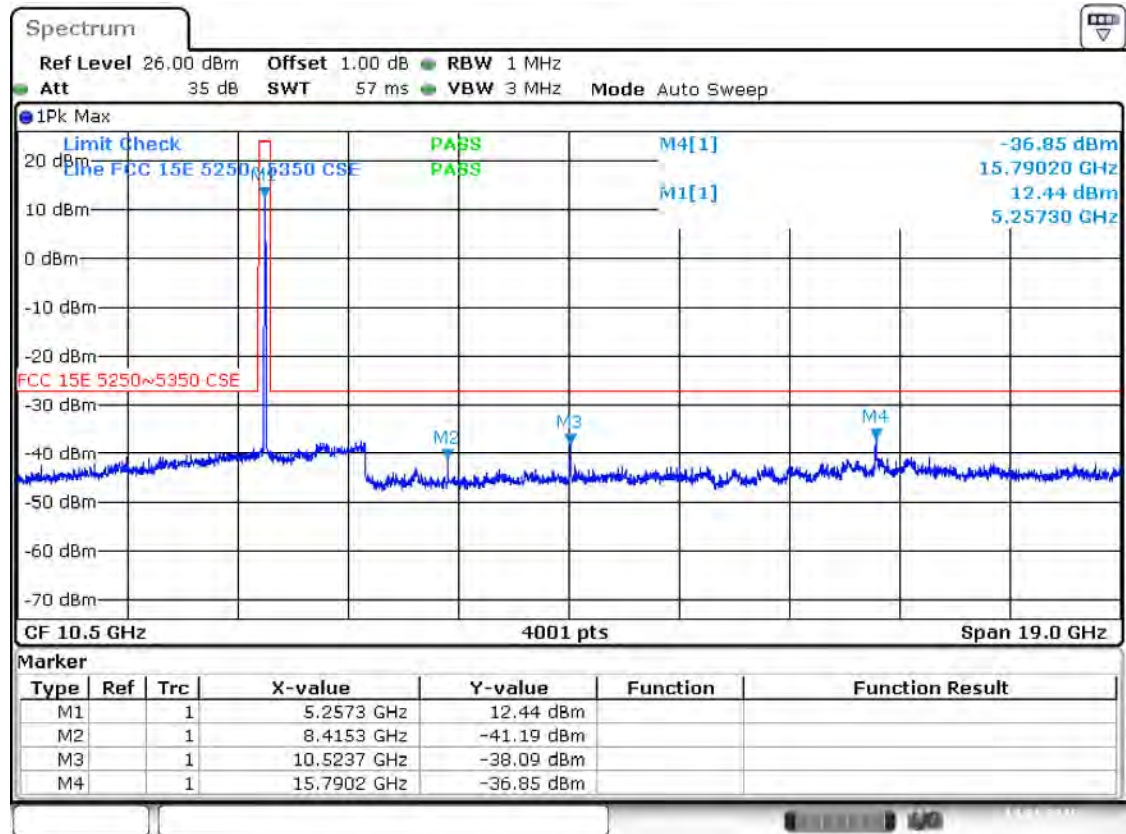
Date: 14.JAN.2016 13:45:10

Band II 11a CH64 (1 ~ 20 GHz)



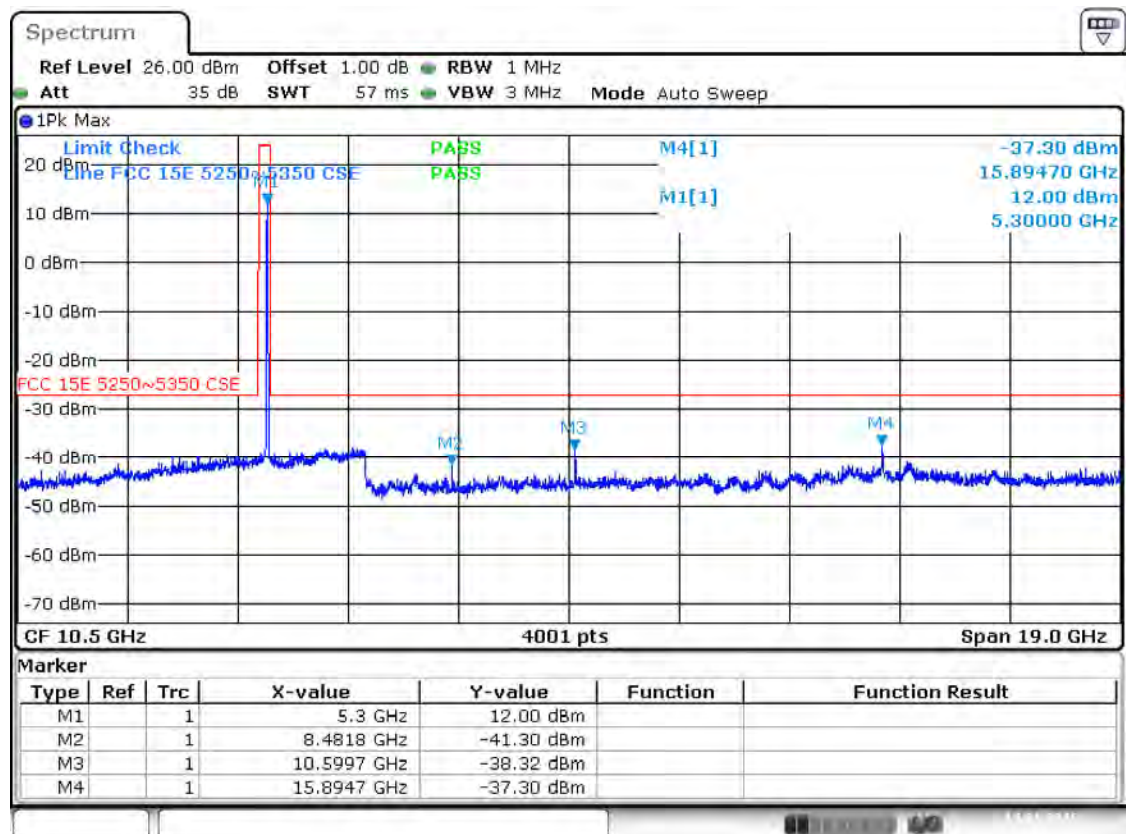
Date: 14.JAN.2016 13:46:04

Band II 11n(HT20) CH52 (1 ~ 20 GHz)



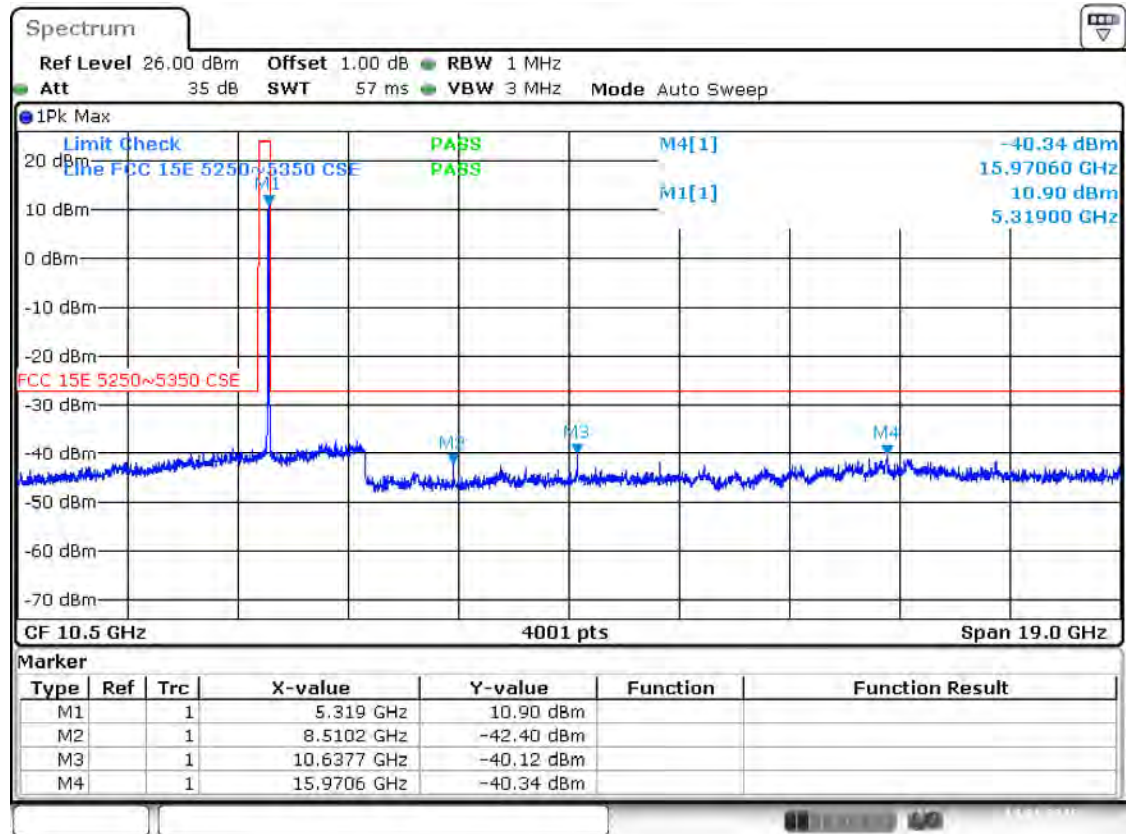
Date: 14.JAN.2016 15:12:57

Band II 11n(HT20) CH60 (1 ~ 20 GHz)



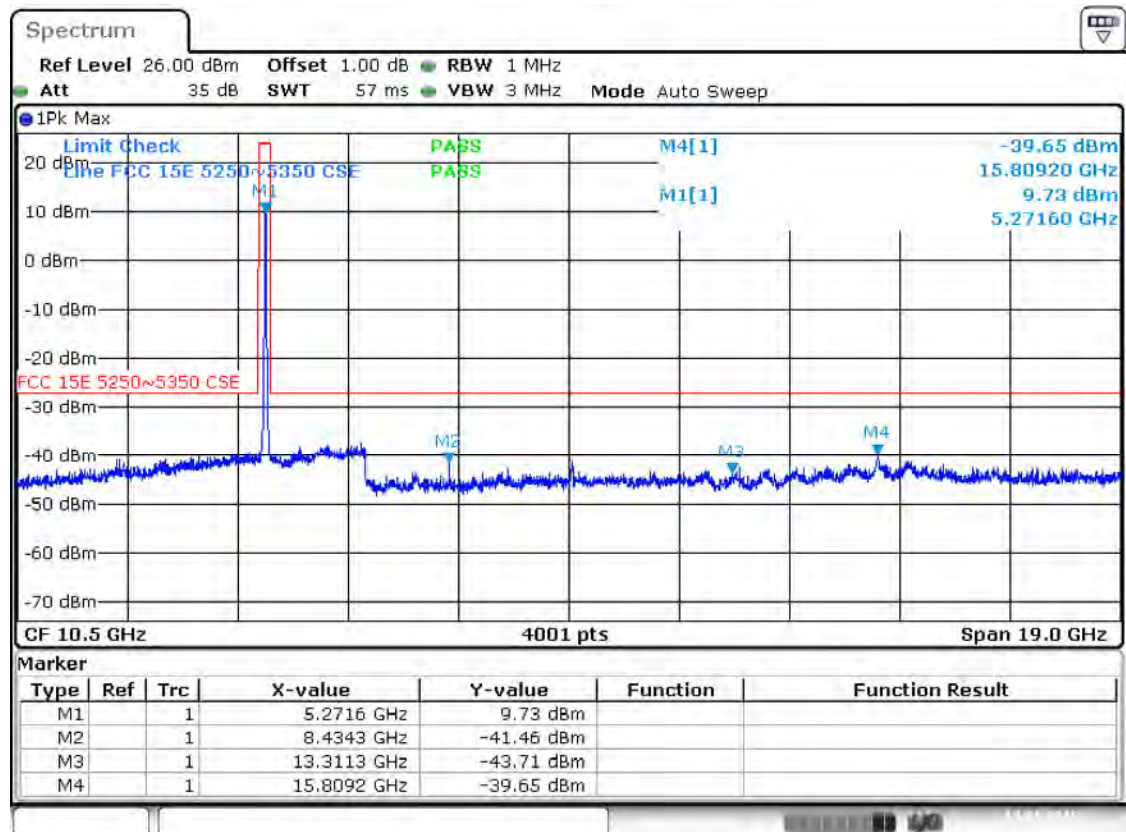
Date: 14.JAN.2016 15:13:48

Band II 11n(HT20) CH64 (1 ~ 20 GHz)



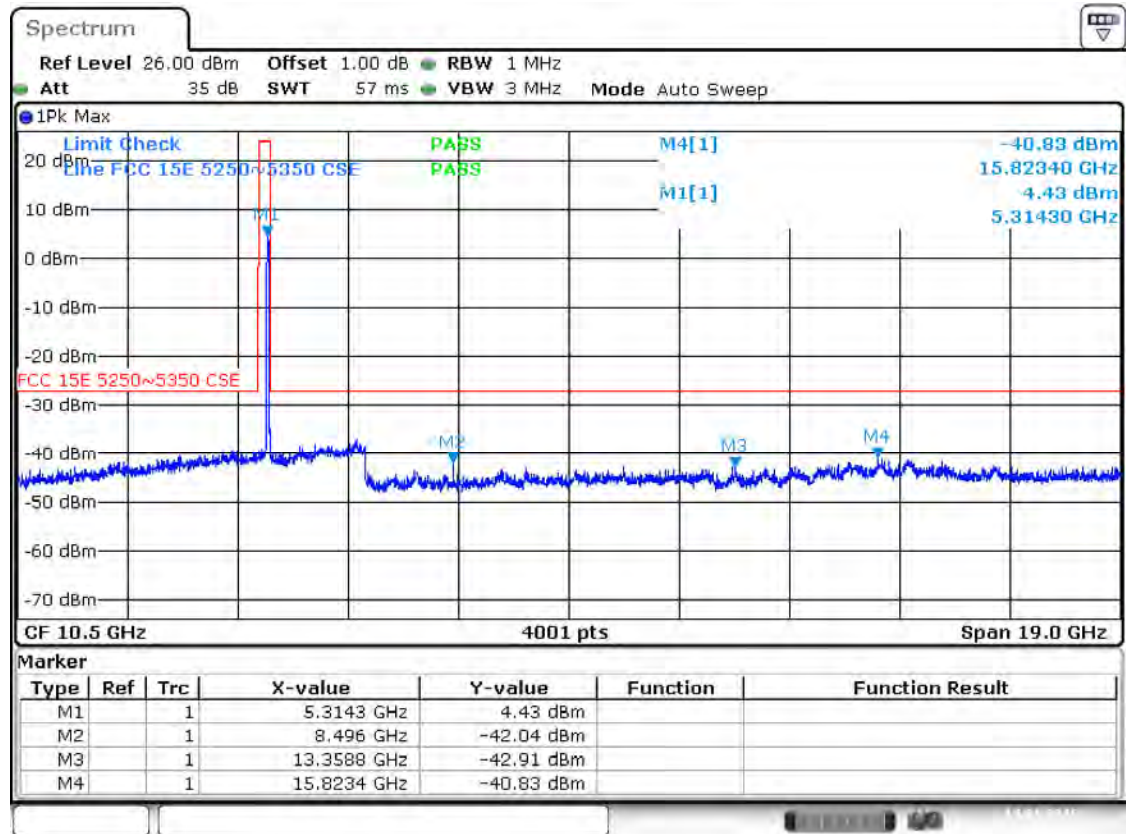
Date: 14.JAN.2016 15:14:39

Band II 11n(HT40) CH54 (1 ~ 20 GHz)



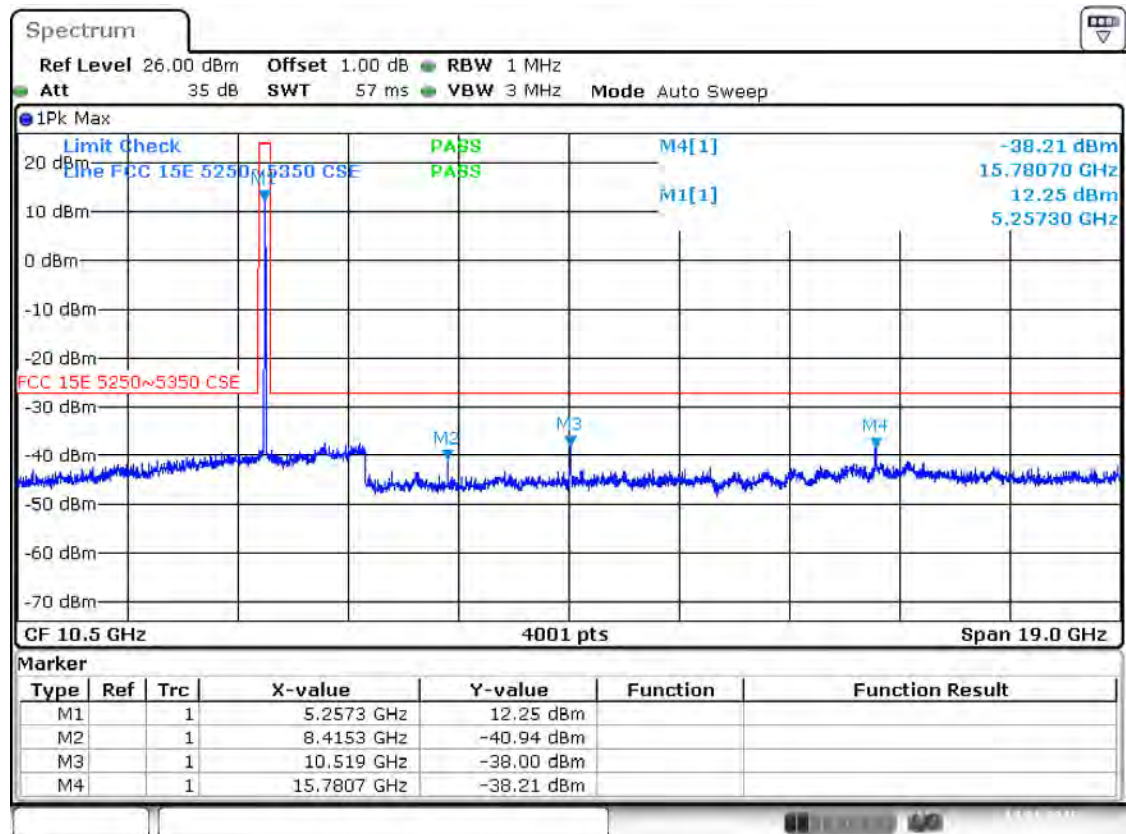
Date: 14.JAN.2016 15:27:56

Band II 11n(HT40) CH62 (1 ~ 20 GHz)



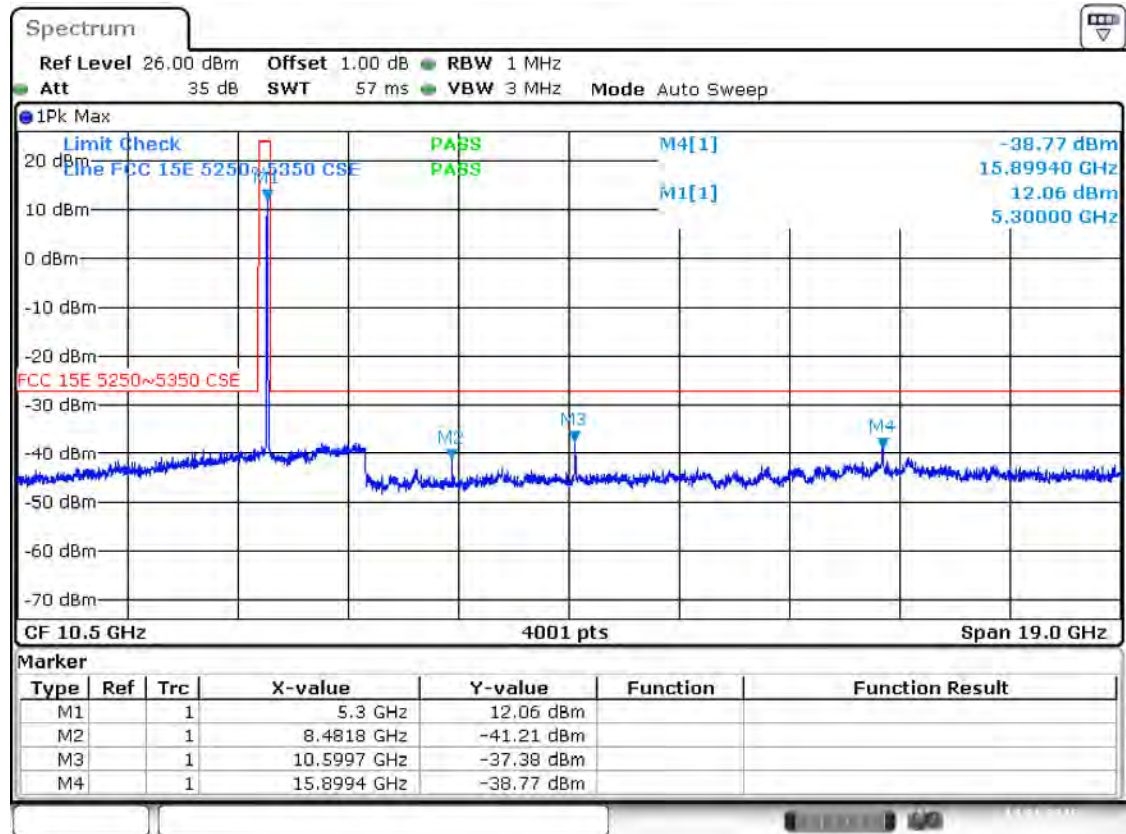
Date: 14.JAN.2016 15:28:49

Band II 11ac(HT20) CH52 (1 ~ 20 GHz)



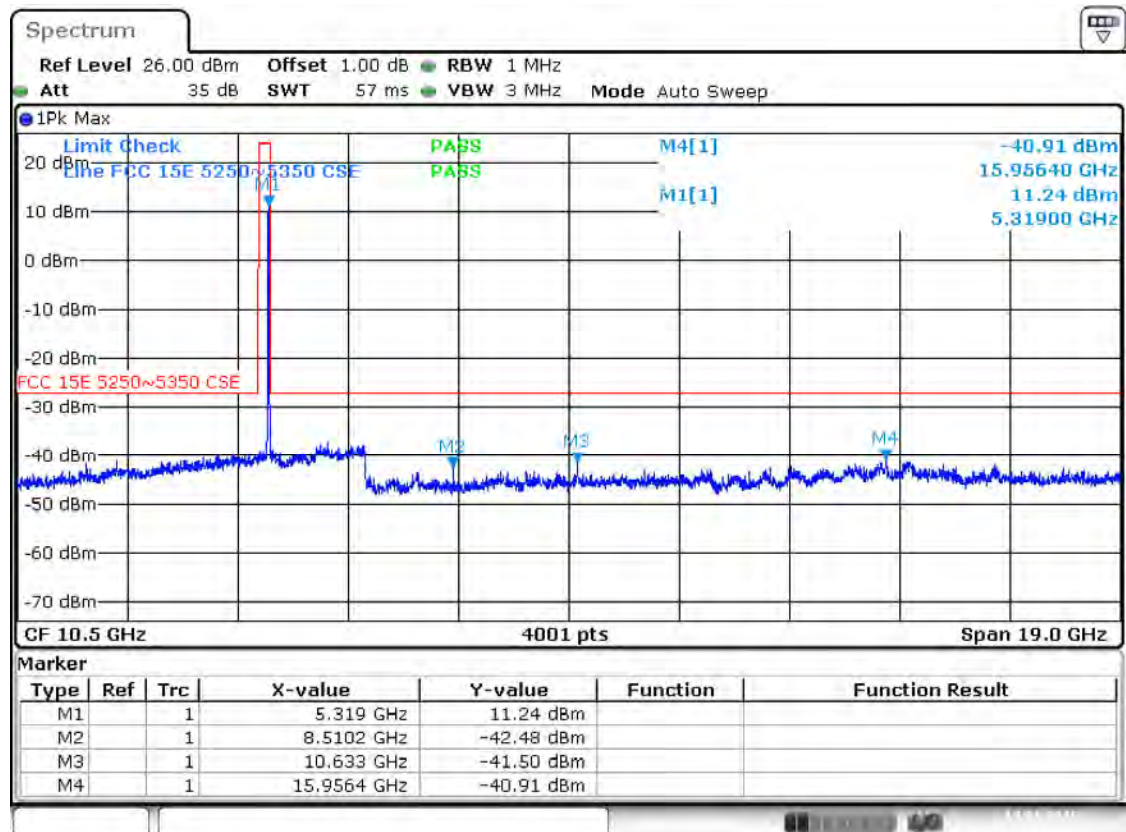
Date: 14.JAN.2016 14:02:06

Band II 11ac(HT20) CH60 (1 ~ 20 GHz)



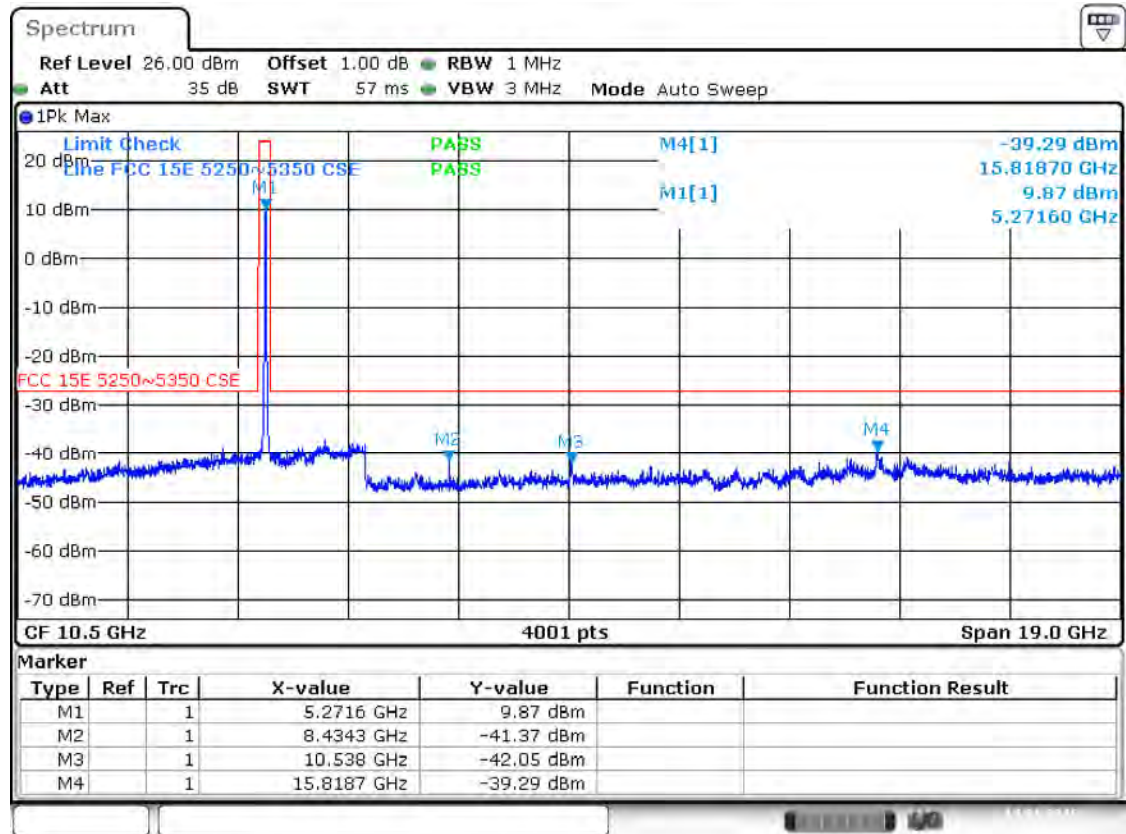
Date: 14.JAN.2016 14:03:06

Band II 11ac(HT20) CH64 (1 ~ 20 GHz)



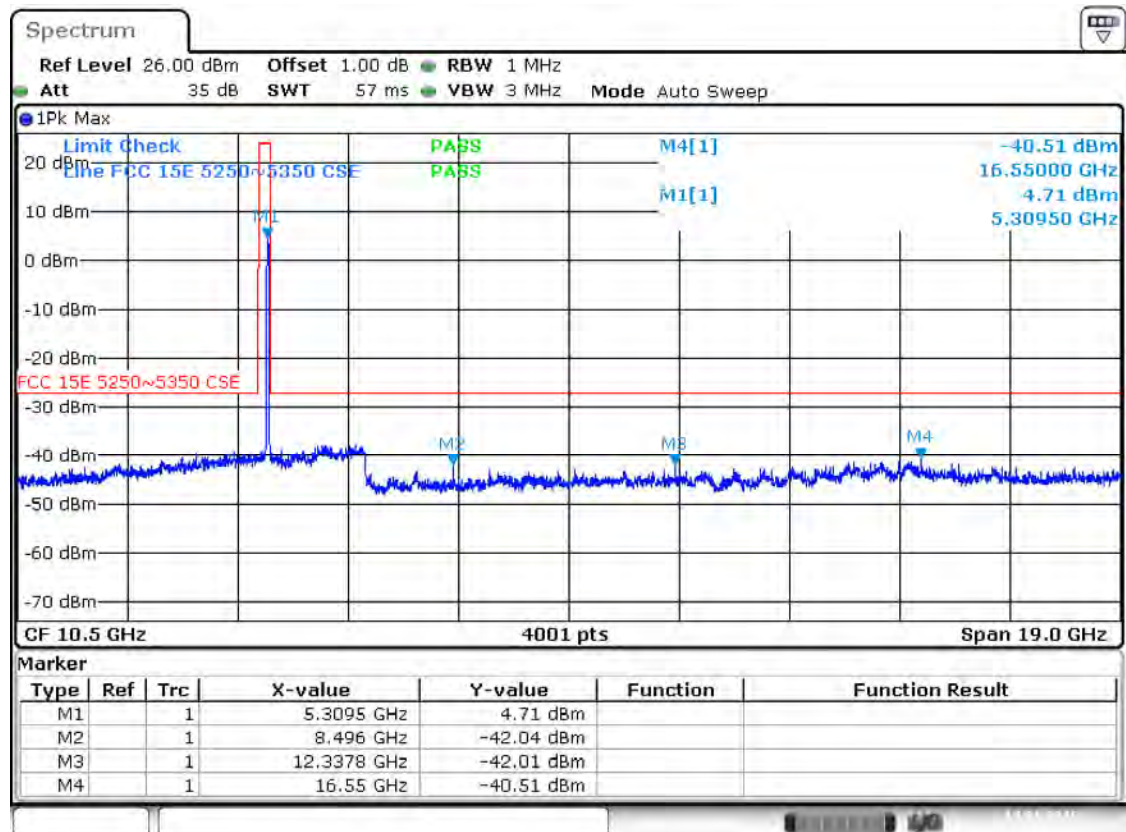
Date: 14.JAN.2016 14:03:52

Band II 11ac(HT40) CH54 (1 ~ 20 GHz)



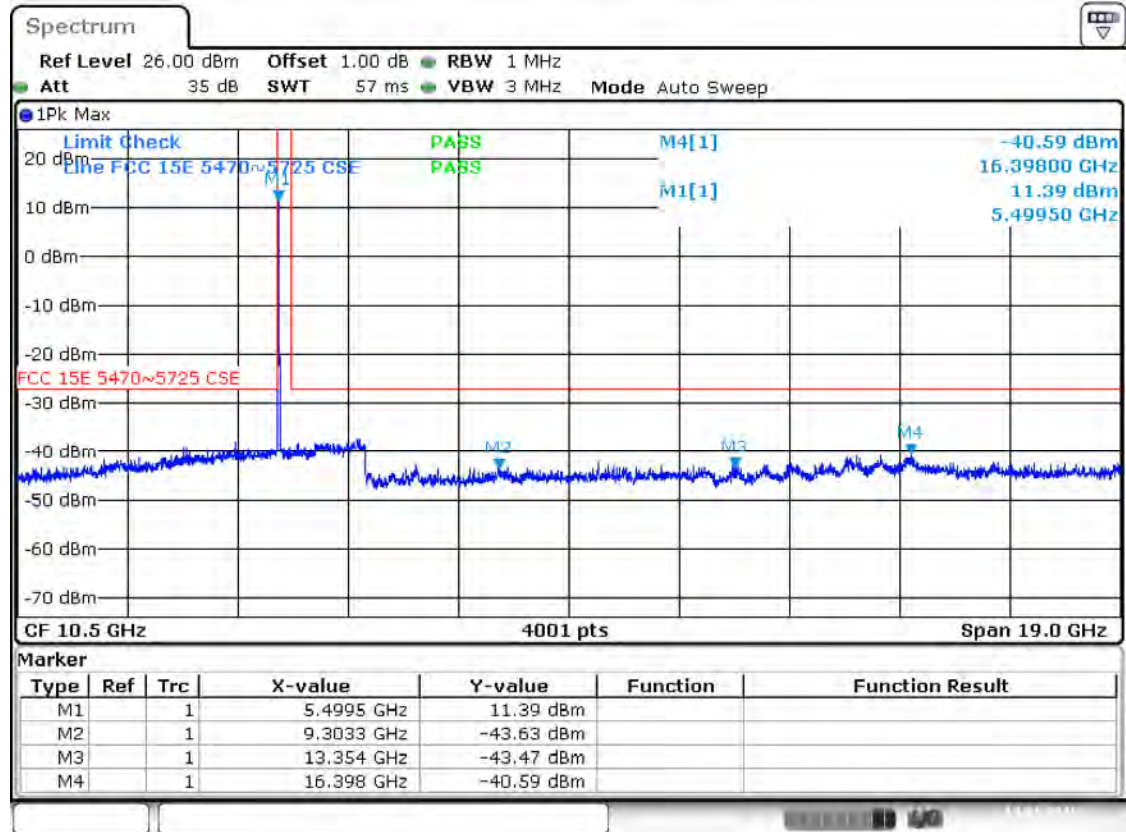
Date: 14.JAN.2016 14:17:38

Band II 11ac(HT40) CH62 (1 ~ 20 GHz)



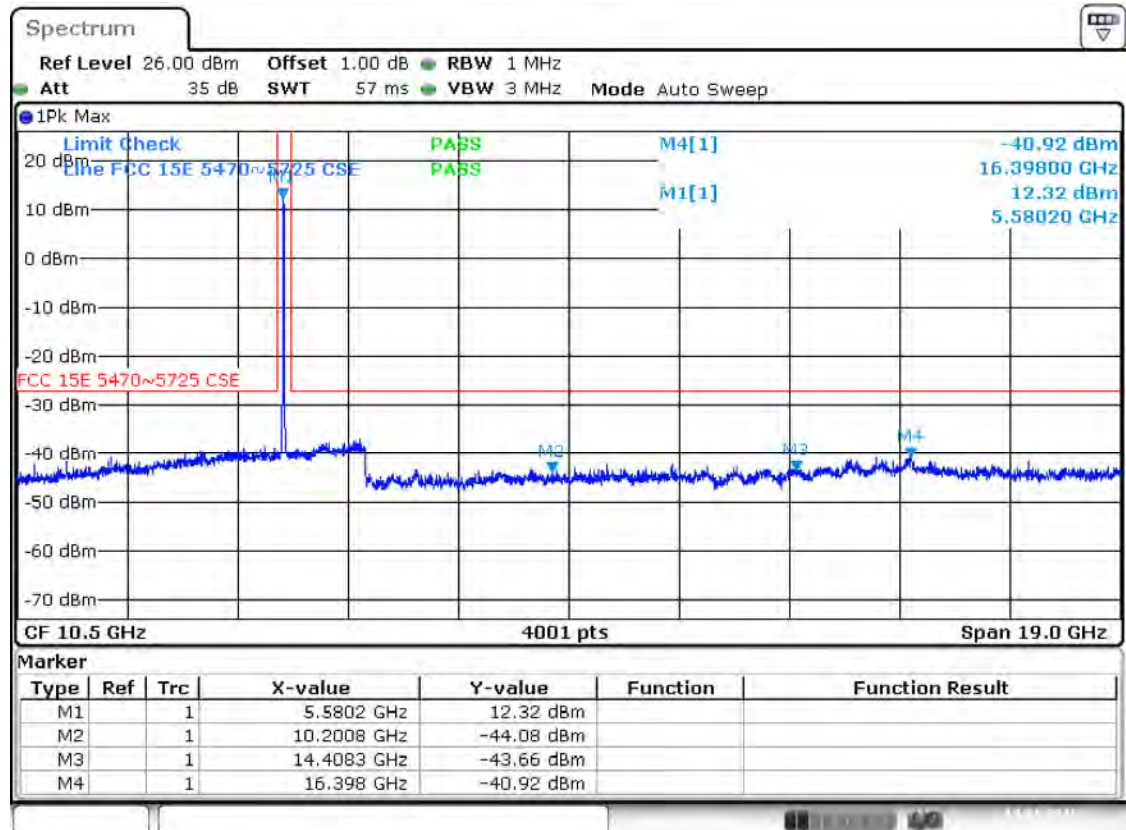
Date: 14.JAN.2016 14:18:26

Band III 11a CH100 (1 ~ 20 GHz)



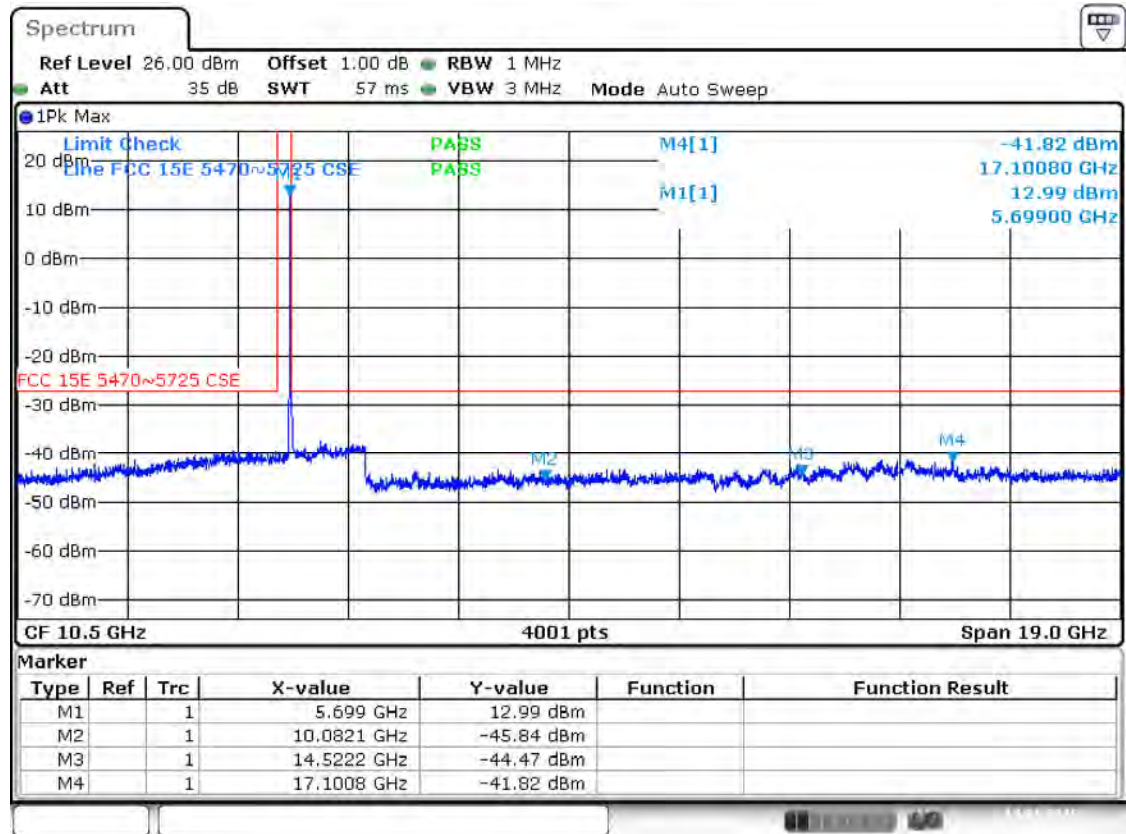
Date: 14.JAN.2016 13:47:34

Band III 11a CH116 (1 ~ 20 GHz)



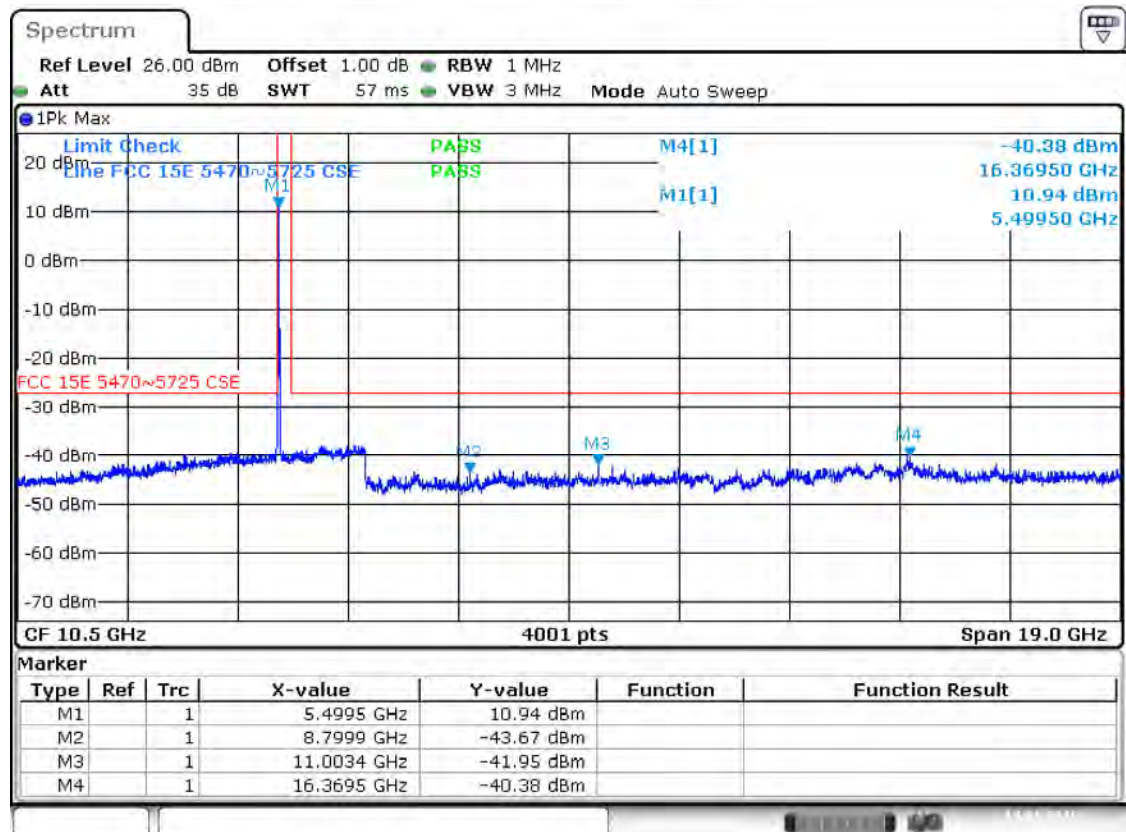
Date: 14.JAN.2016 13:49:18

Band III 11a CH140 (1 ~ 20 GHz)



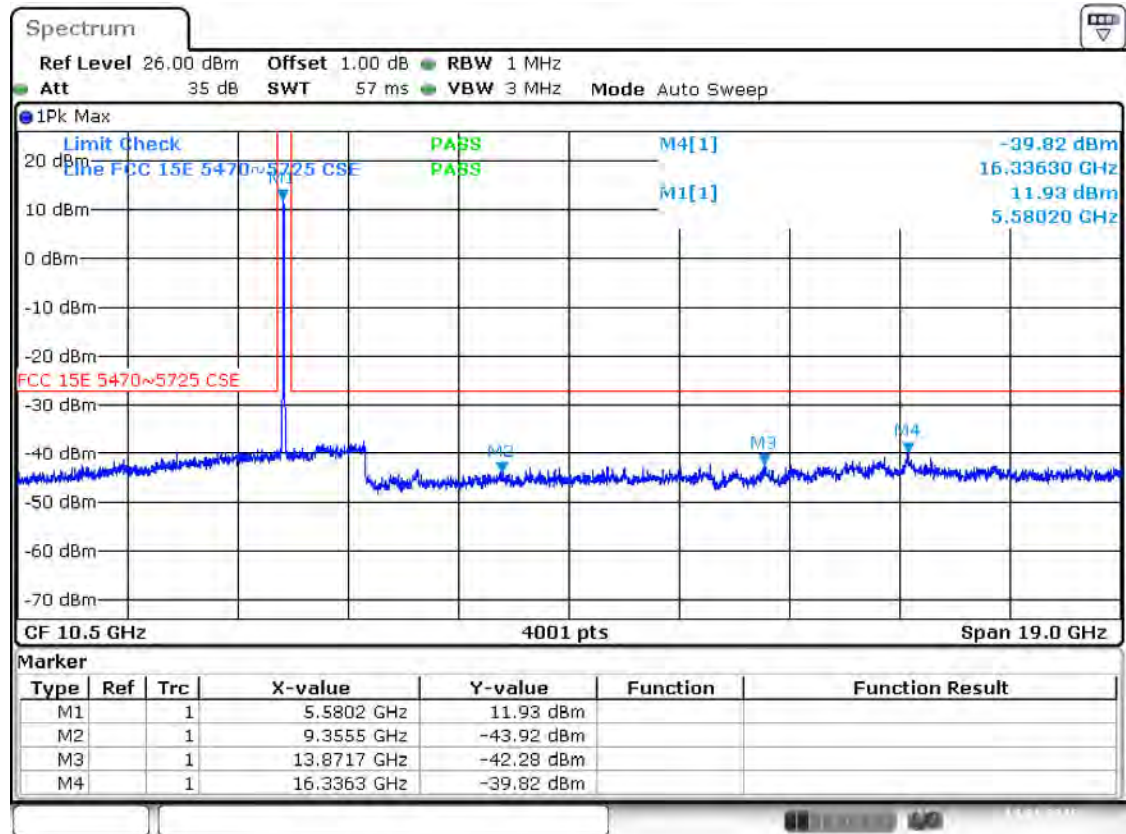
Date: 14.JAN.2016 13:51:42

Band III 11n(HT20) CH100 (1 ~ 20 GHz)



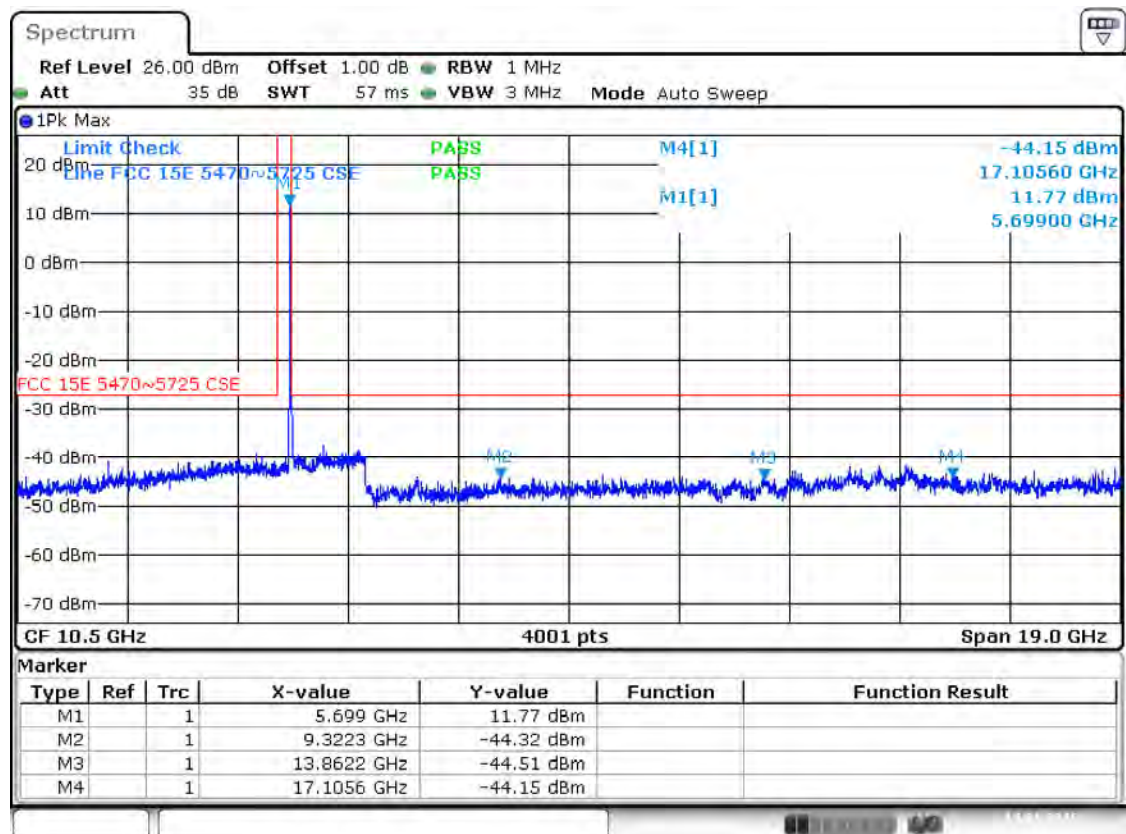
Date: 14.JAN.2016 15:15:47

Band III 11n(HT20) CH116 (1 ~ 20 GHz)



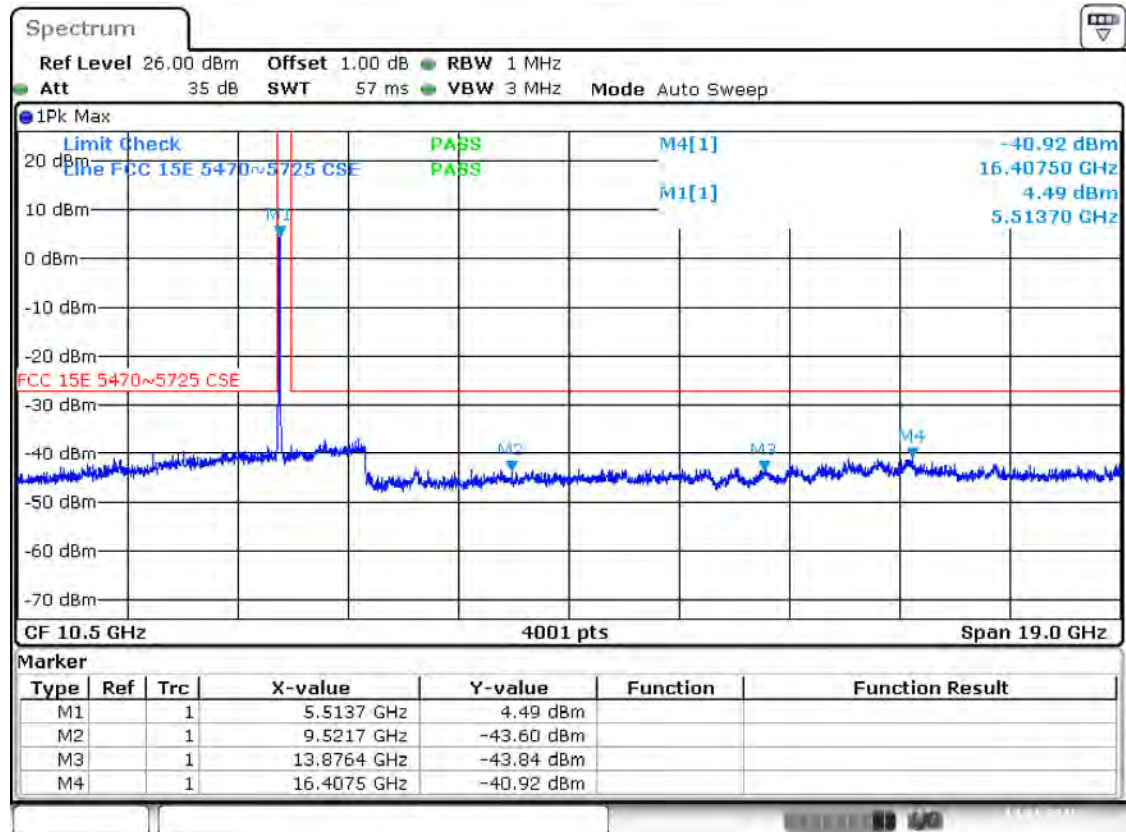
Date: 14, JAN, 2016 15:16:47

Band III 11n(HT20) CH140 (1 ~ 20 GHz)



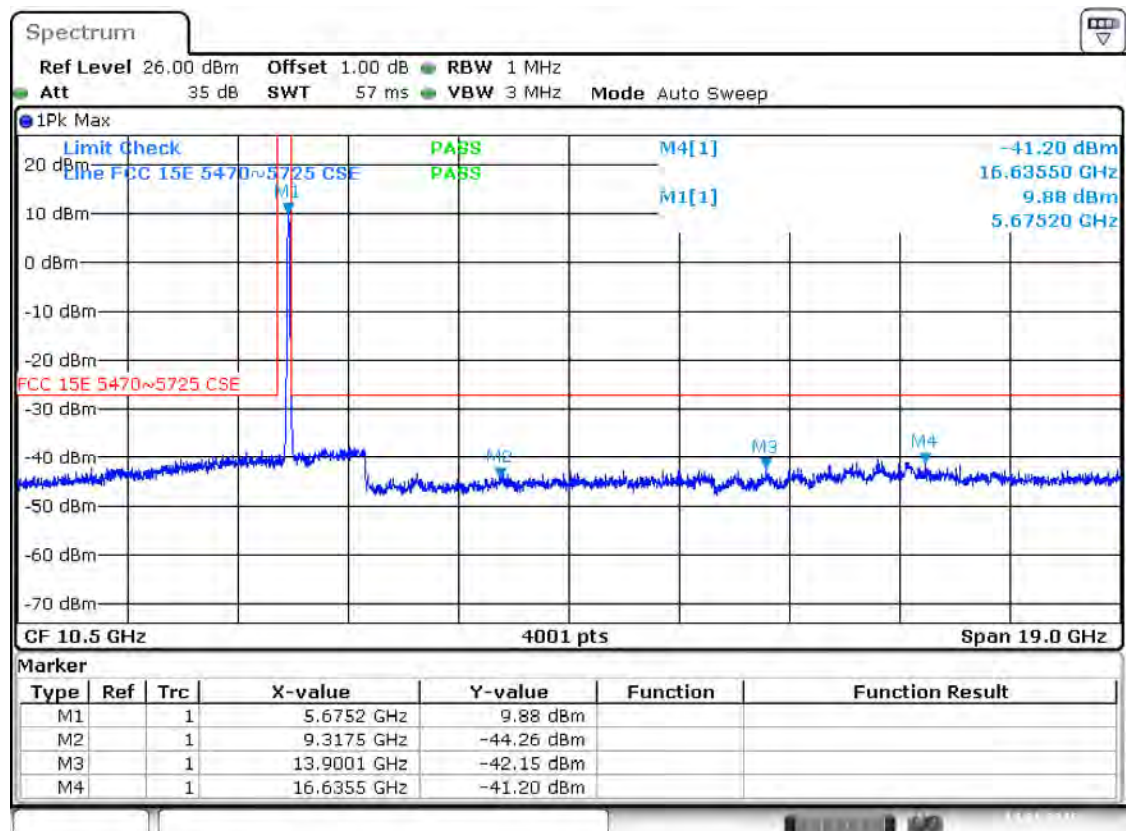
Date: 14, JAN, 2016 15:17:50

Band III 11n(HT40) CH102 (1 ~ 20 GHz)



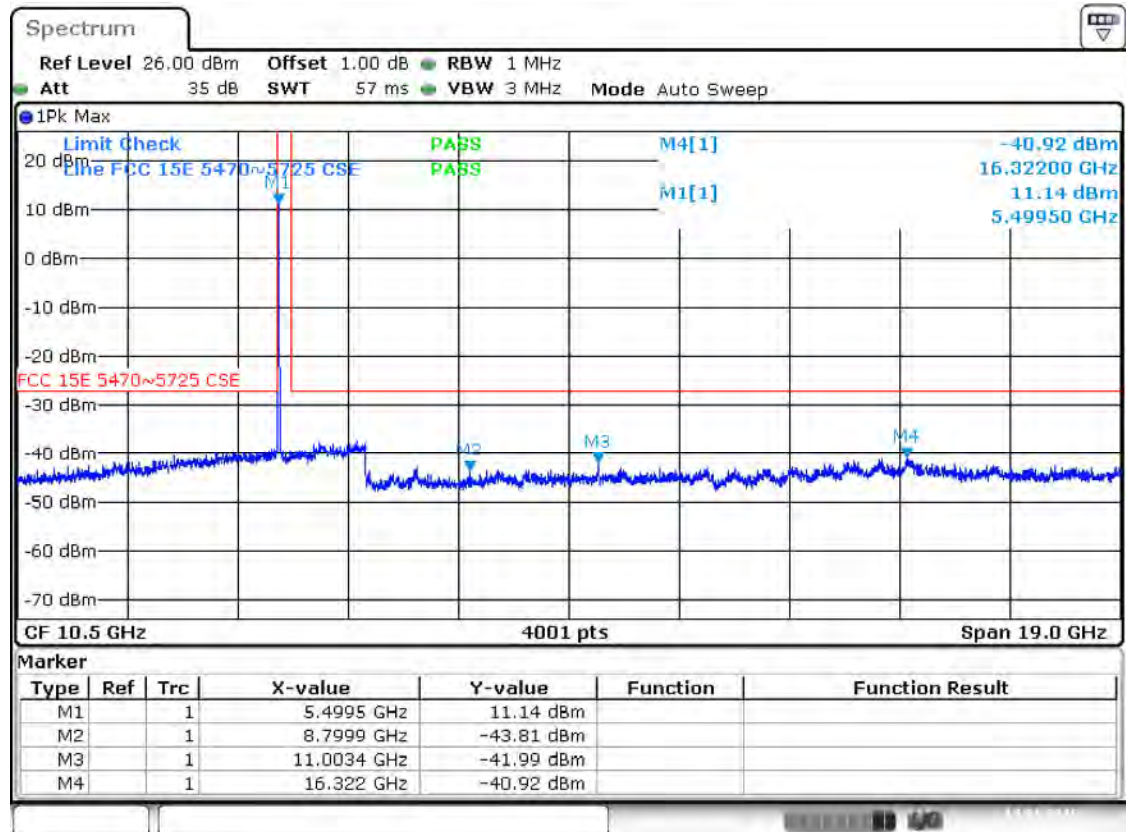
Date: 14.JAN.2016 15:30:30

Band III 11n(HT40) CH134 (1 ~ 20 GHz)



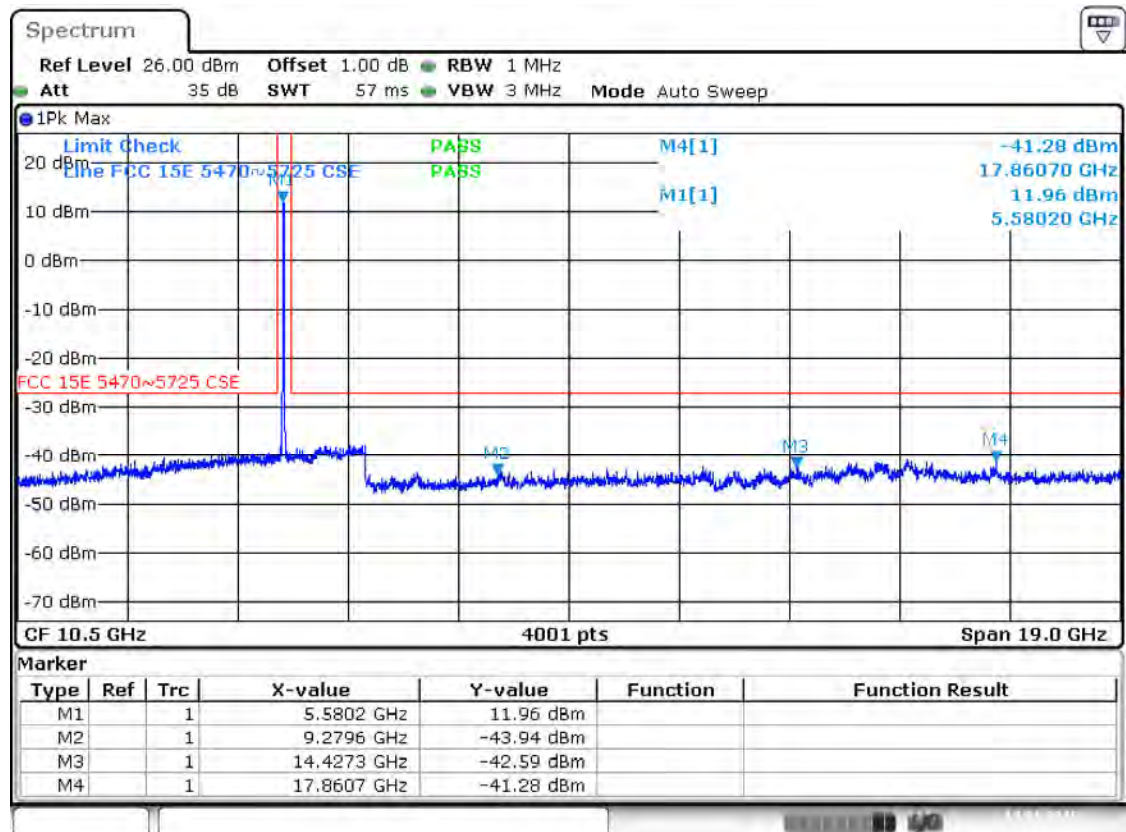
Date: 14.JAN.2016 15:31:26

Band III 11ac(HT20) CH100 (1 ~ 20 GHz)



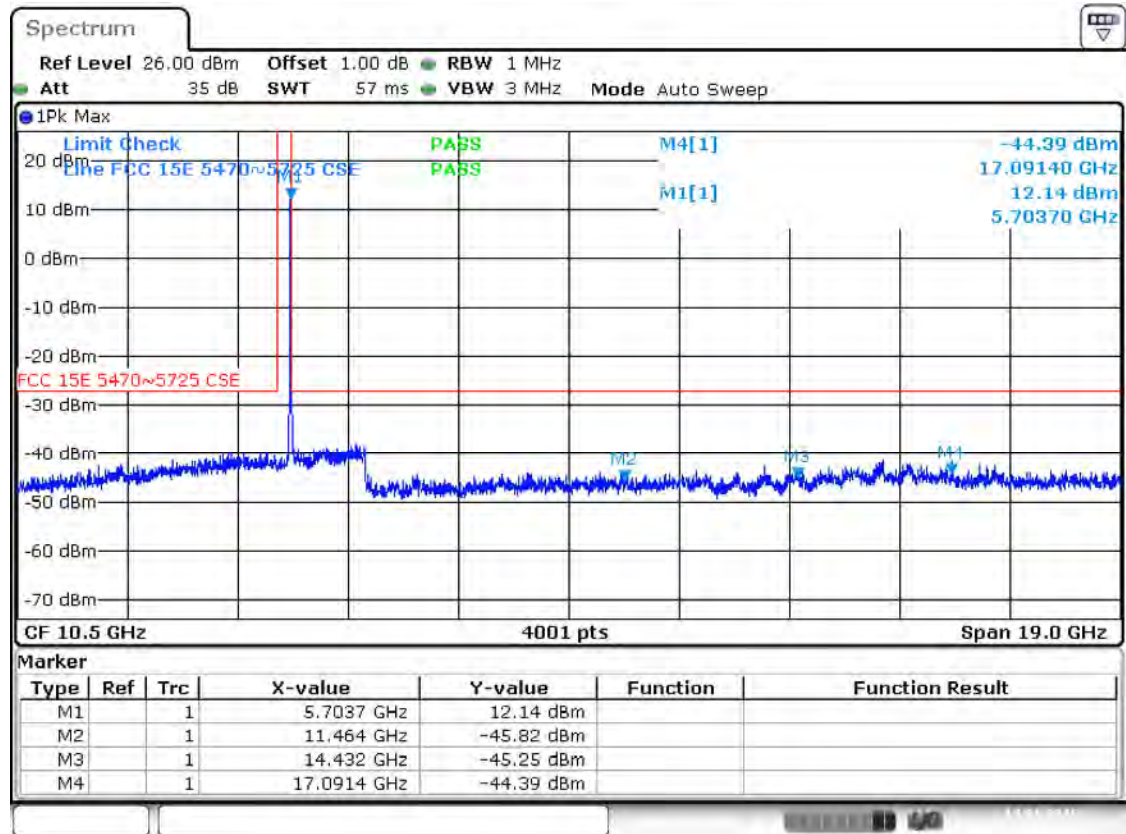
Date: 14.JAN.2016 14:05:10

Band III 11ac(HT20) CH116 (1 ~ 20 GHz)



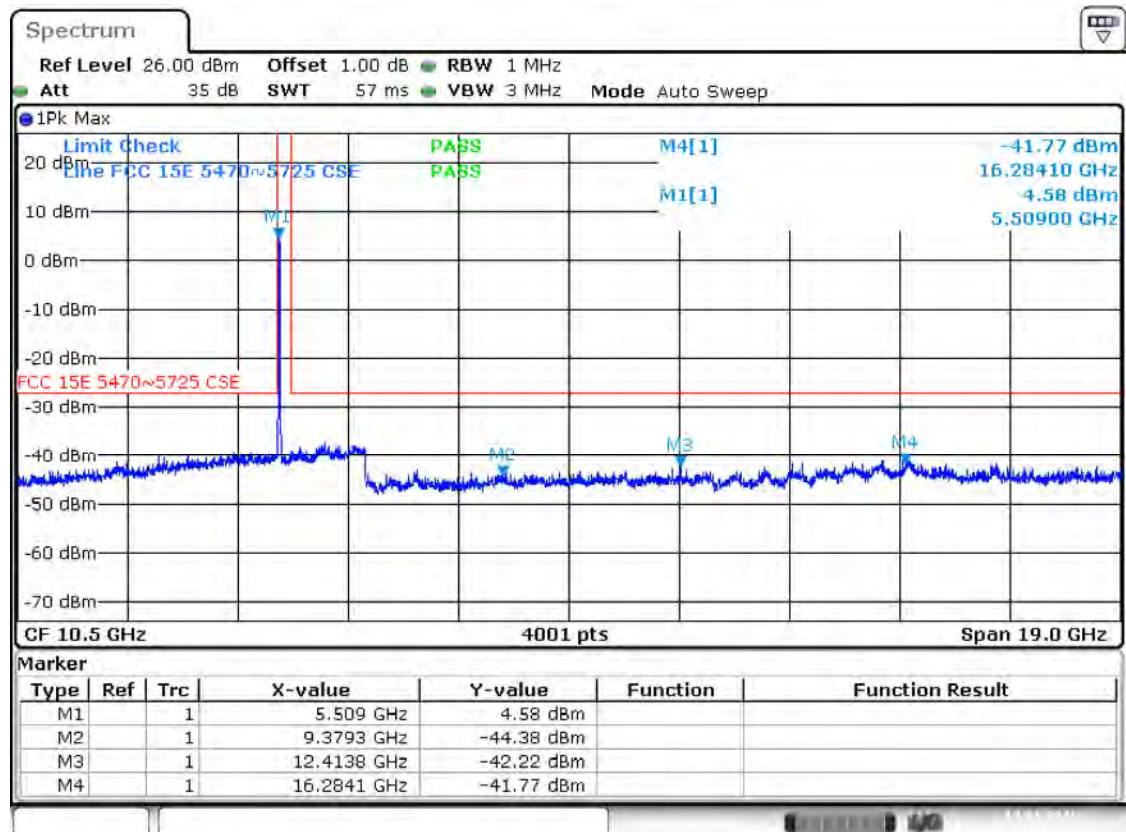
Date: 14.JAN.2016 14:07:01

Band III 11ac(HT20) CH140 (1 ~ 20 GHz)



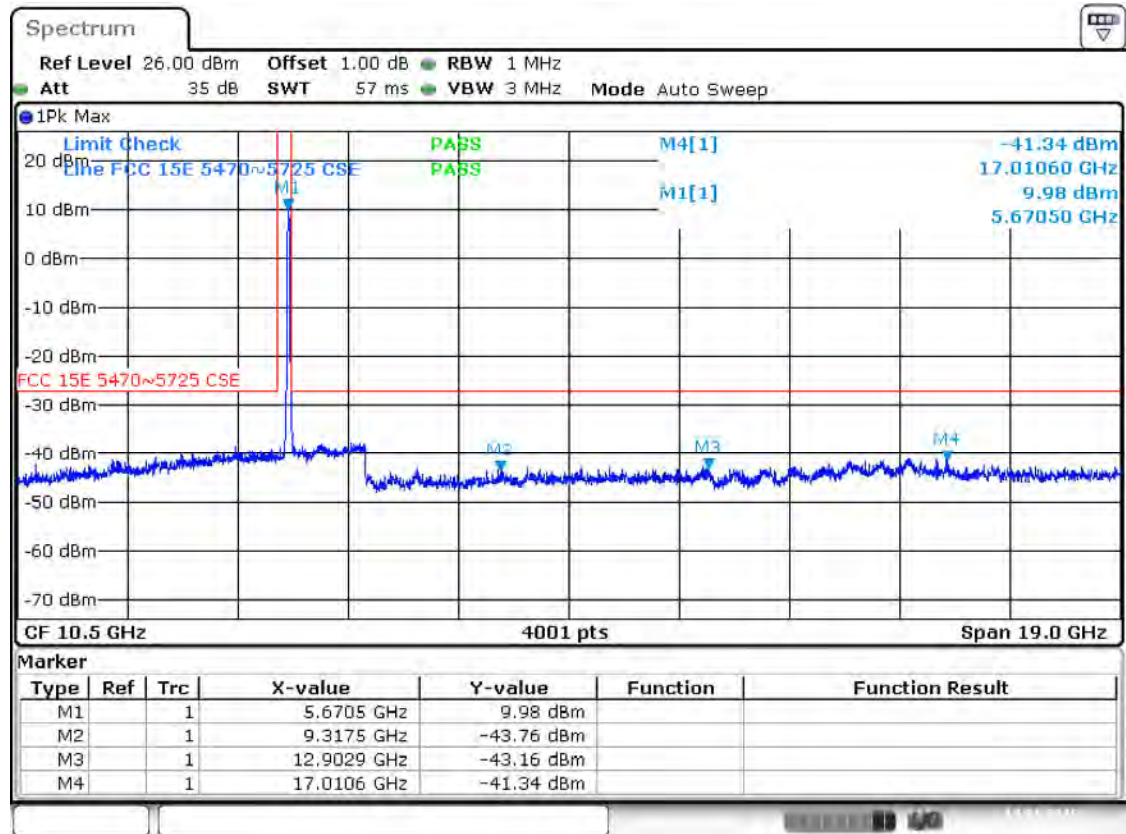
Date: 14.JAN.2016 14:08:36

Band III 11ac(HT40) CH102 (1 ~ 20 GHz)



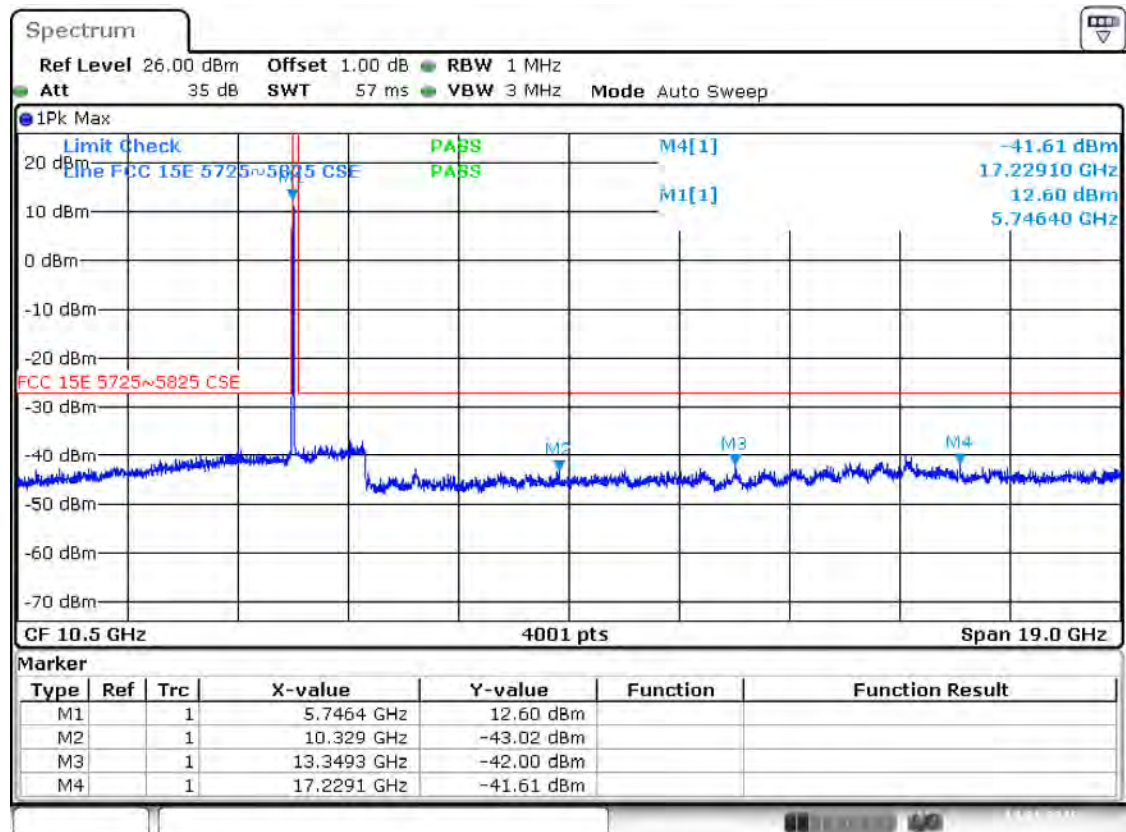
Date: 14.JAN.2016 14:20:02

Band III 11ac(HT40) CH134 (1 ~ 20 GHz)



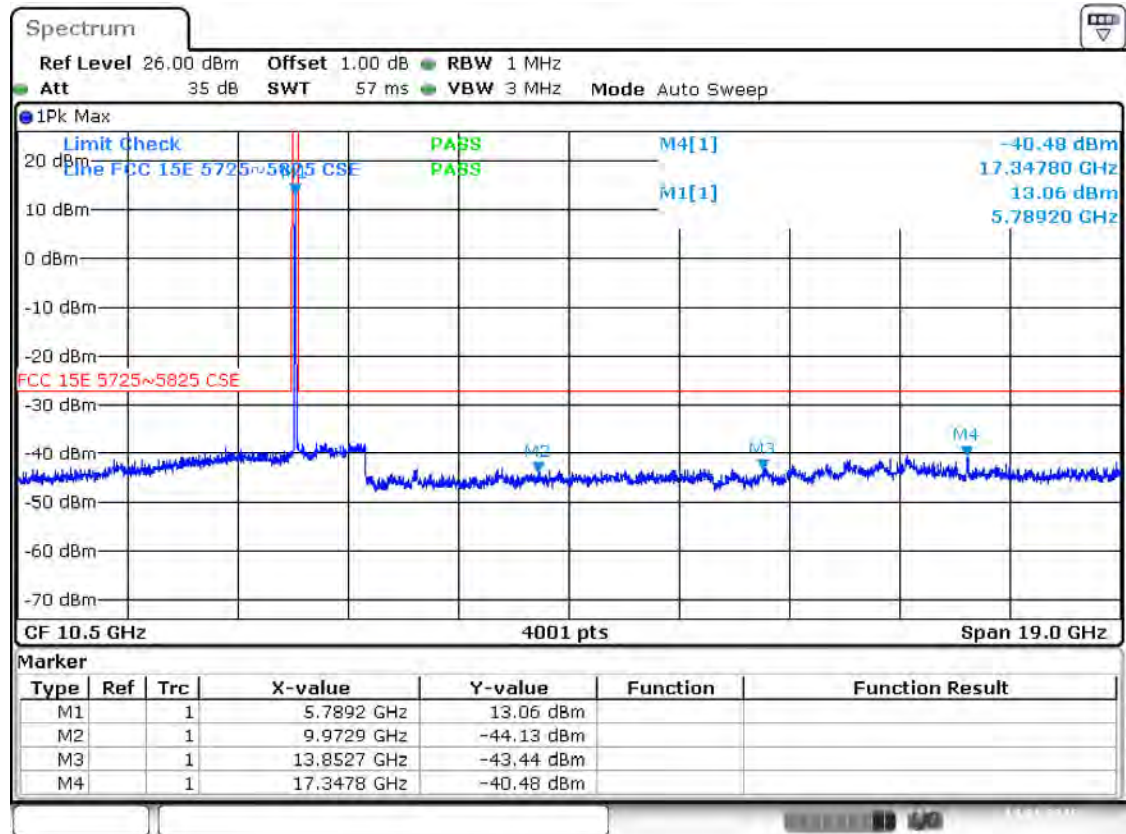
Date: 14.JAN.2016 14:21:24

Band IV 11a CH149 (1 ~ 20 GHz)



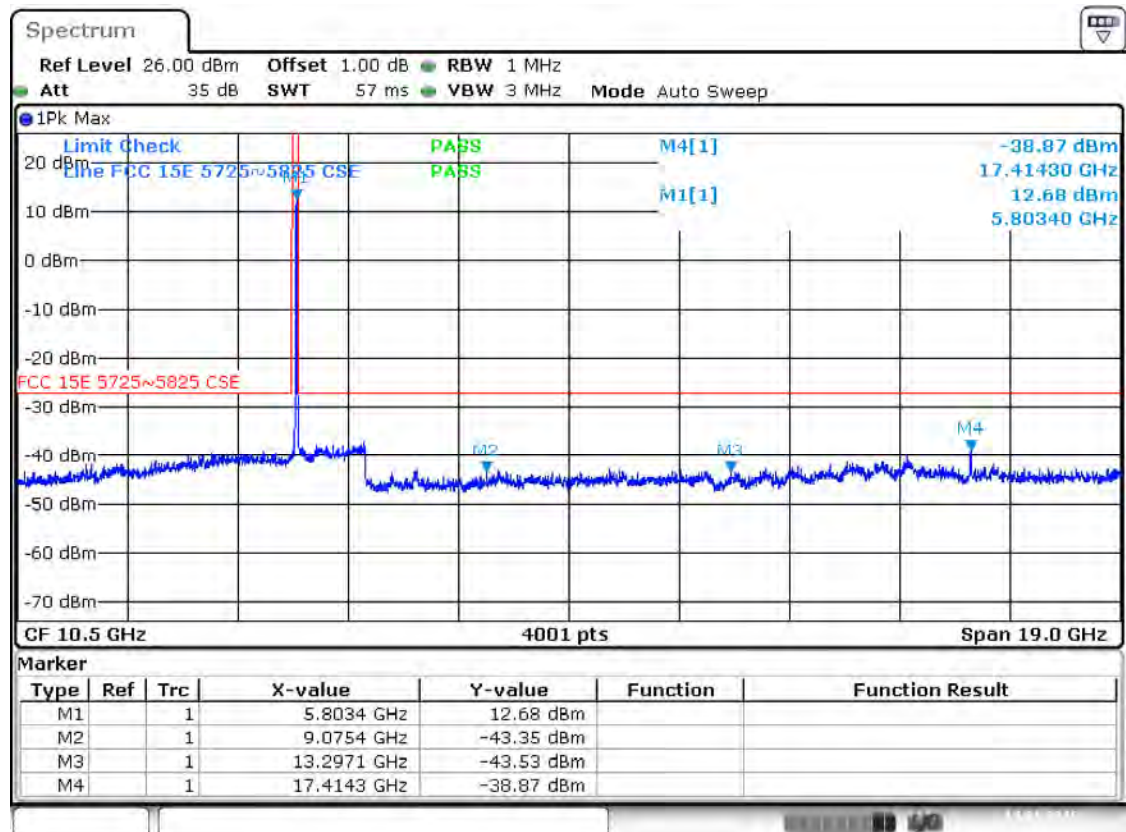
Date: 14.JAN.2016 13:52:51

Band IV 11a CH157 (1 ~ 20 GHz)



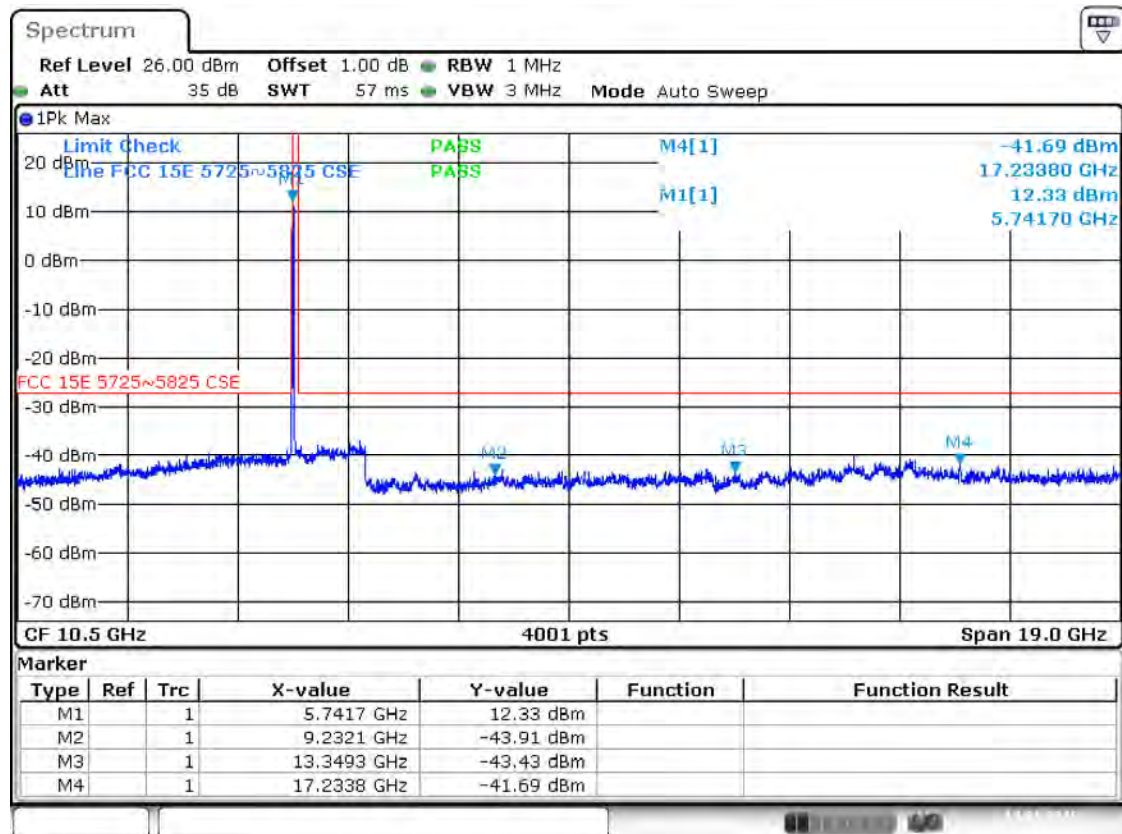
Date: 14.JAN.2016 13:53:48

Band IV 11a CH161 (1 ~ 20 GHz)



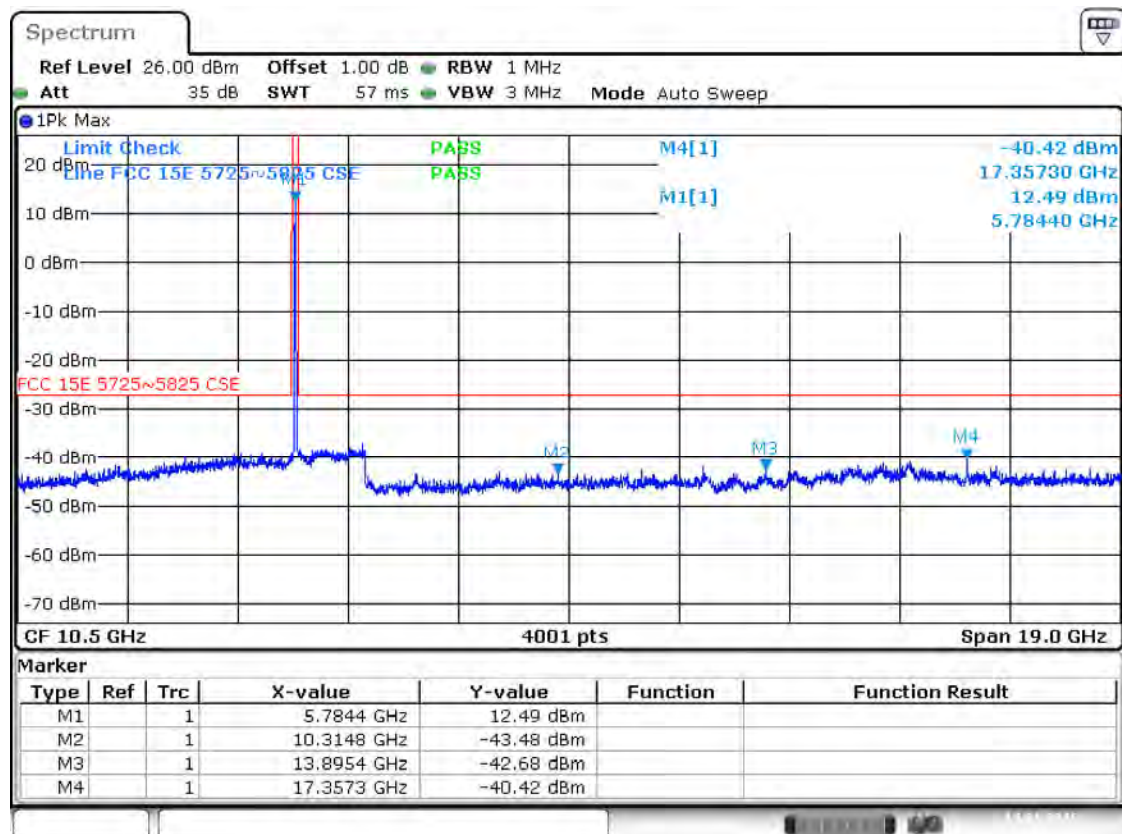
Date: 14.JAN.2016 13:54:52

Band IV 11n(HT20) CH149 (1 ~ 20 GHz)



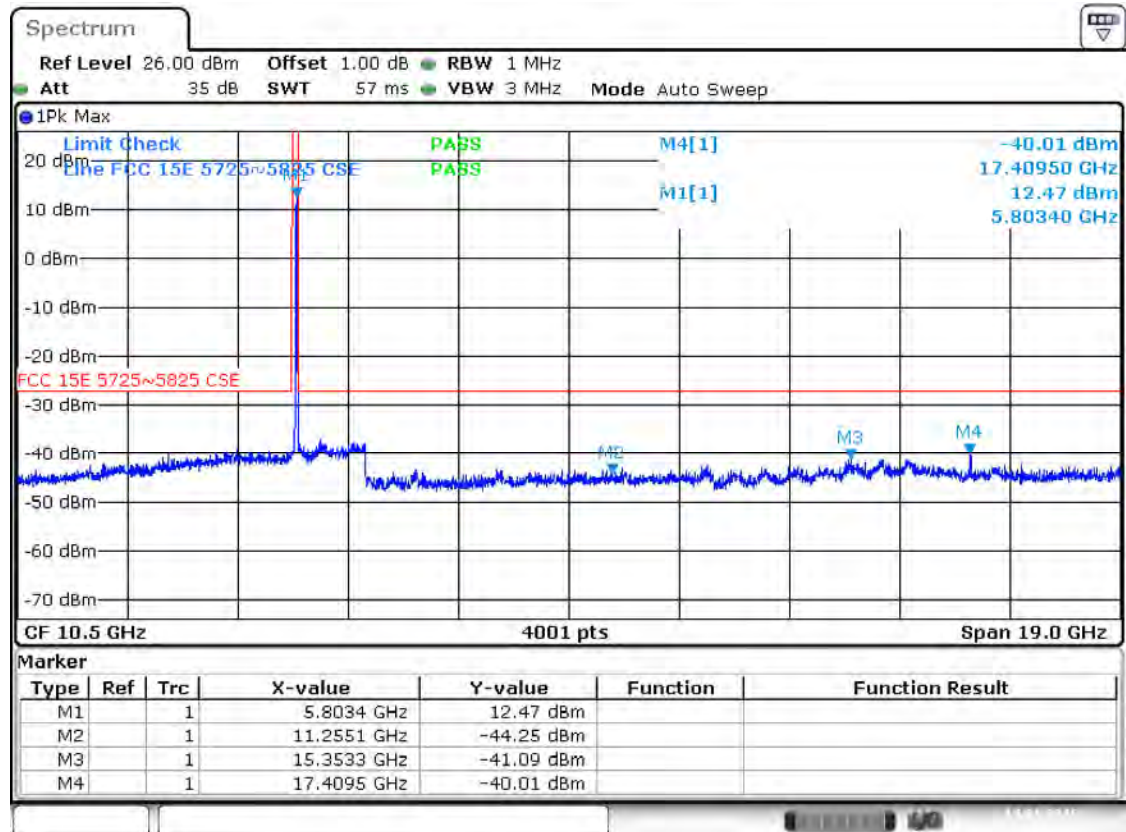
Date: 14.JAN.2016 15:19:06

Band IV 11n(HT20) CH157 (1 ~ 20 GHz)



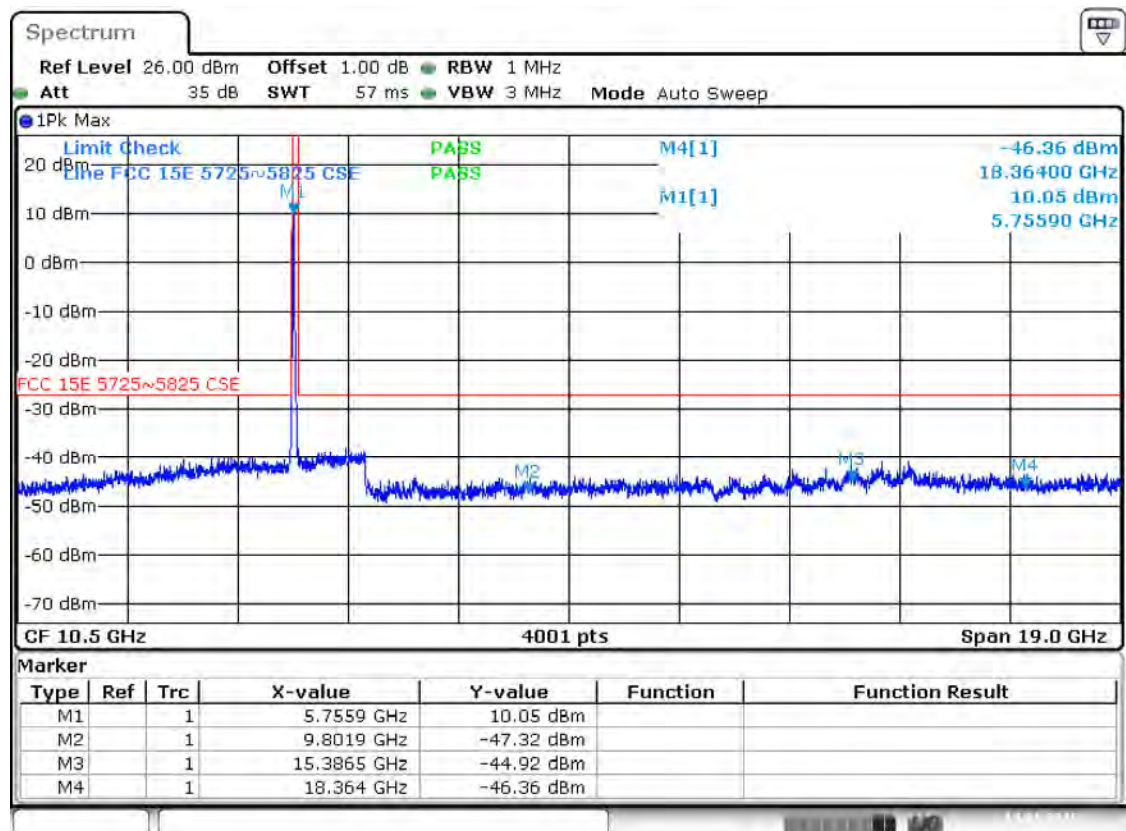
Date: 14.JAN.2016 15:20:25

Band IV 11n(HT20) CH161 (1 ~ 20 GHz)



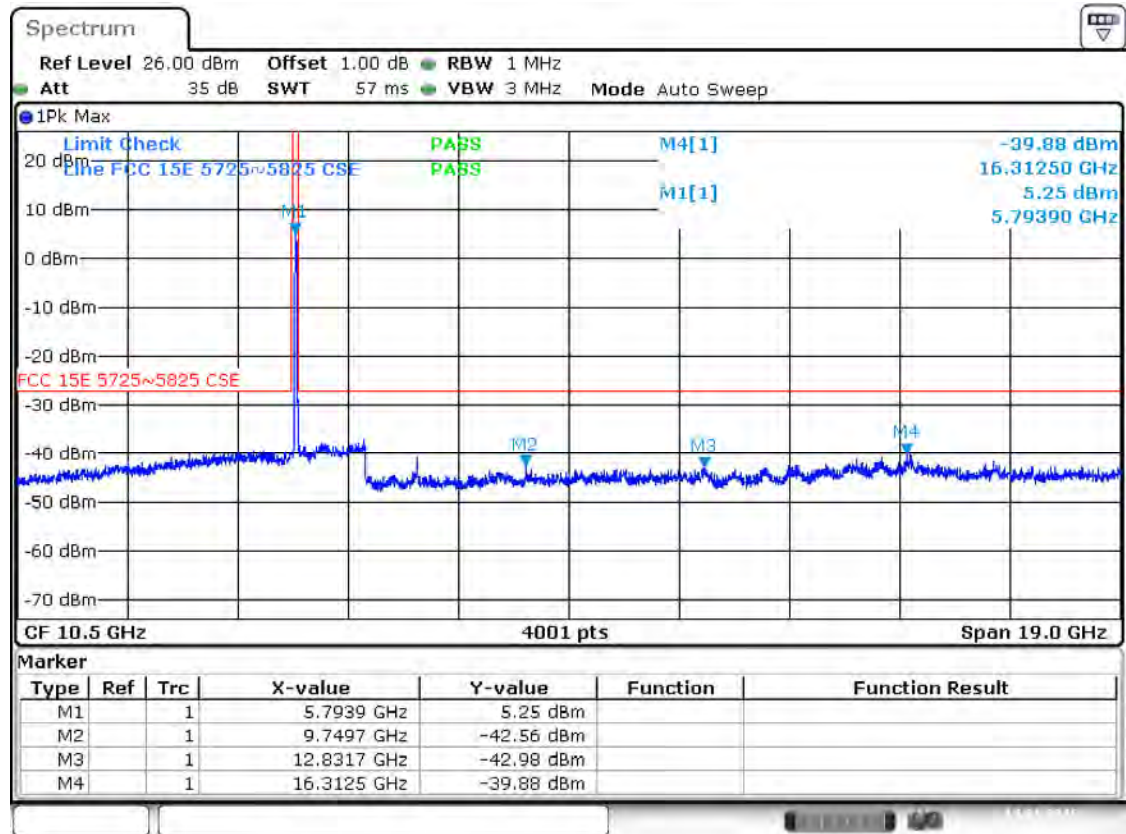
Date: 14.JAN.2016 15:21:22

Band IV 11n(HT40) CH151 (1 ~ 20 GHz)



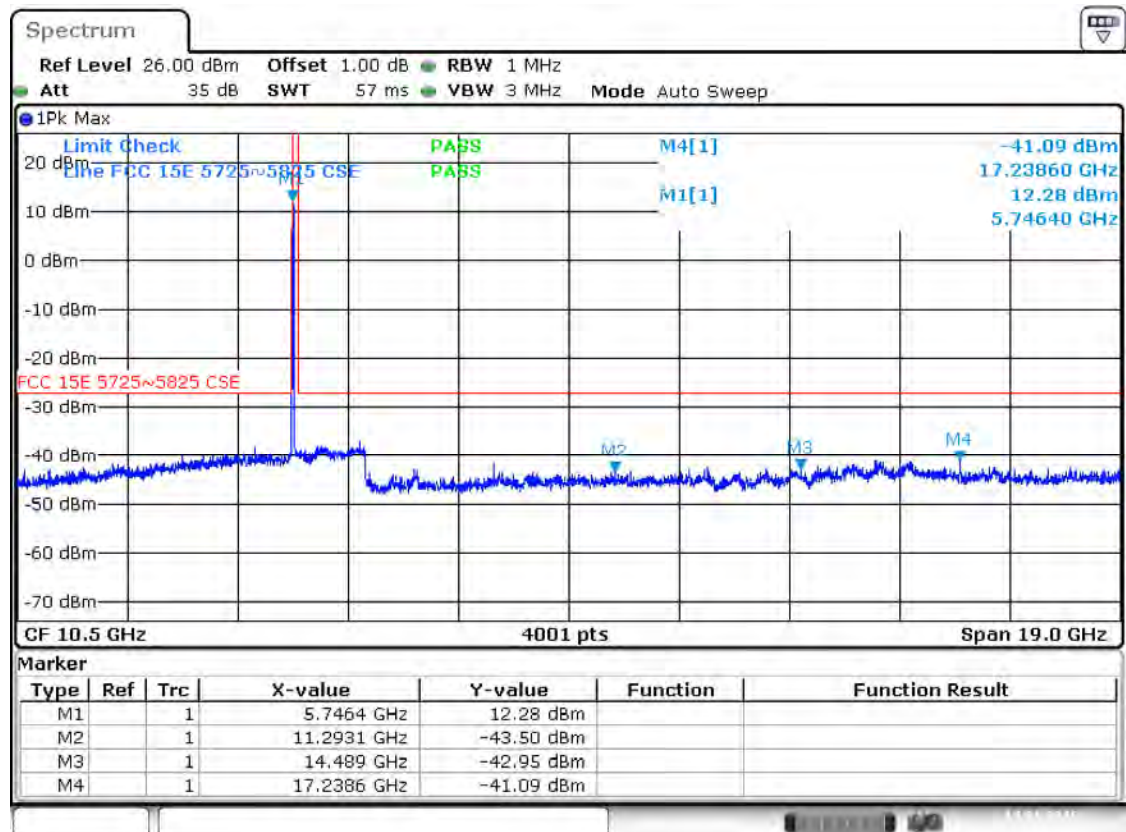
Date: 14.JAN.2016 15:32:57

Band IV 11n(HT40) CH159 (1 ~ 20 GHz)



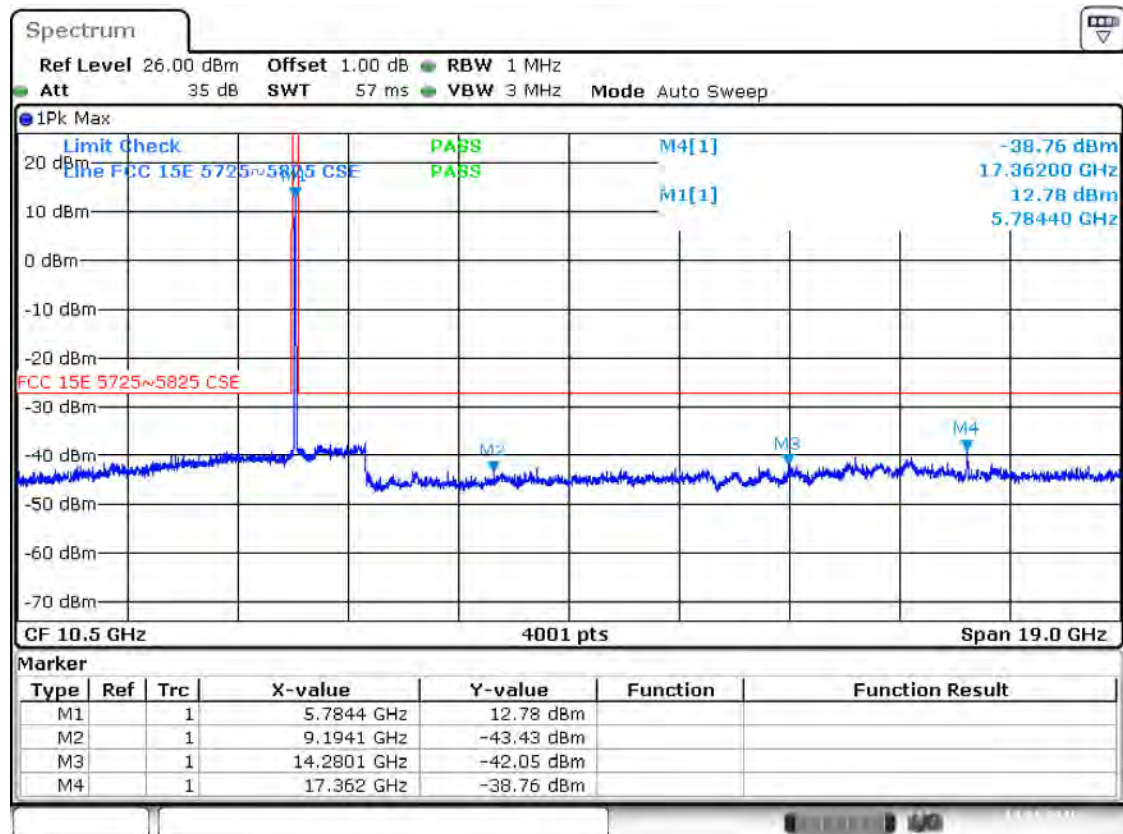
Date: 14.JAN.2016 15:33:50

Band IV 11ac(HT20) CH149 (1 ~ 20 GHz)



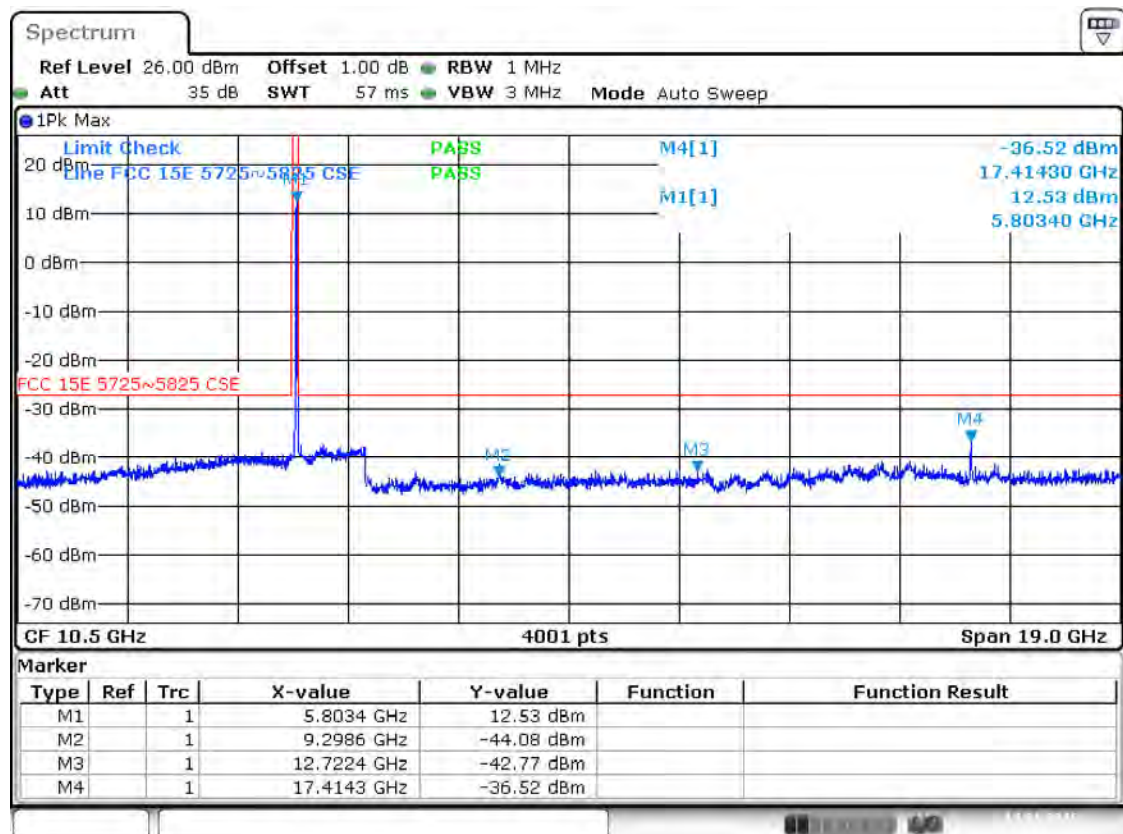
Date: 14.JAN.2016 14:09:46

Band IV 11ac(HT20) CH157 (1 ~ 20 GHz)



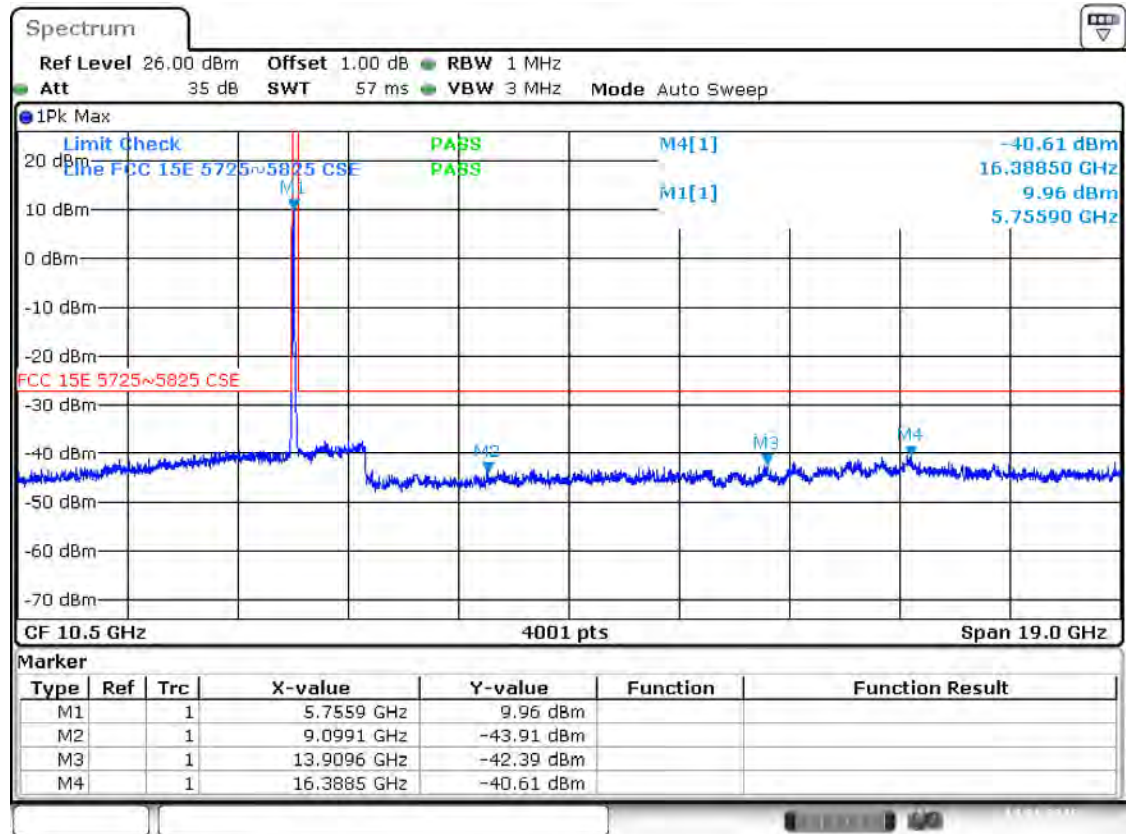
Date: 14.JAN.2016 14:11:14

Band IV 11ac(HT20) CH161 (1 ~ 20 GHz)



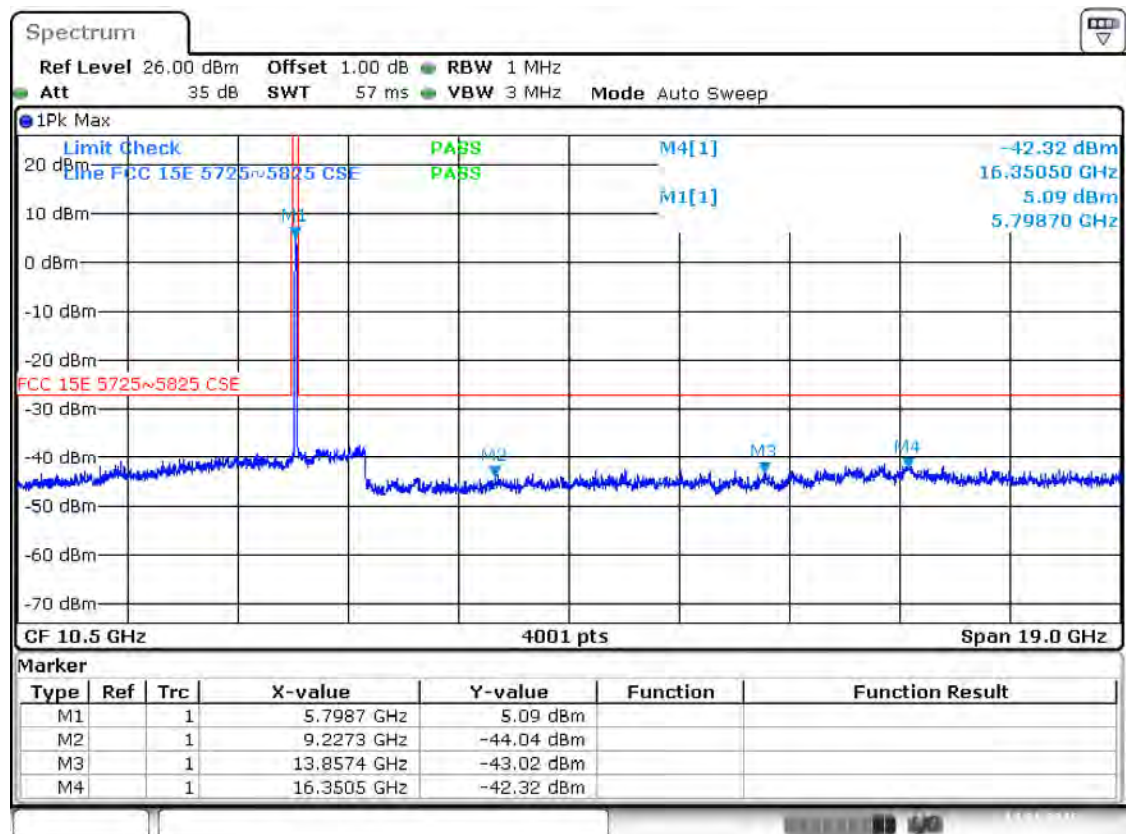
Date: 14.JAN.2016 14:12:49

Band IV 11ac(HT40) CH151 (1 ~ 20 GHz)



Date: 14.JAN.2016 14:23:01

Band IV 11ac(HT40) CH159 (1 ~ 20 GHz)



Date: 14.JAN.2016 14:23:50

A.7 Radiated Emission

Antenna-port Conducted test data

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

EIRP= Measure Conducted output power Value (dBm) + Maximum transmit antenna gain (dBi) + The appropriate maximum ground reflection factor(dB)

The worst data (Test frequency: below 1 GHz) (Band I 11a CH36)

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 0.4 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.

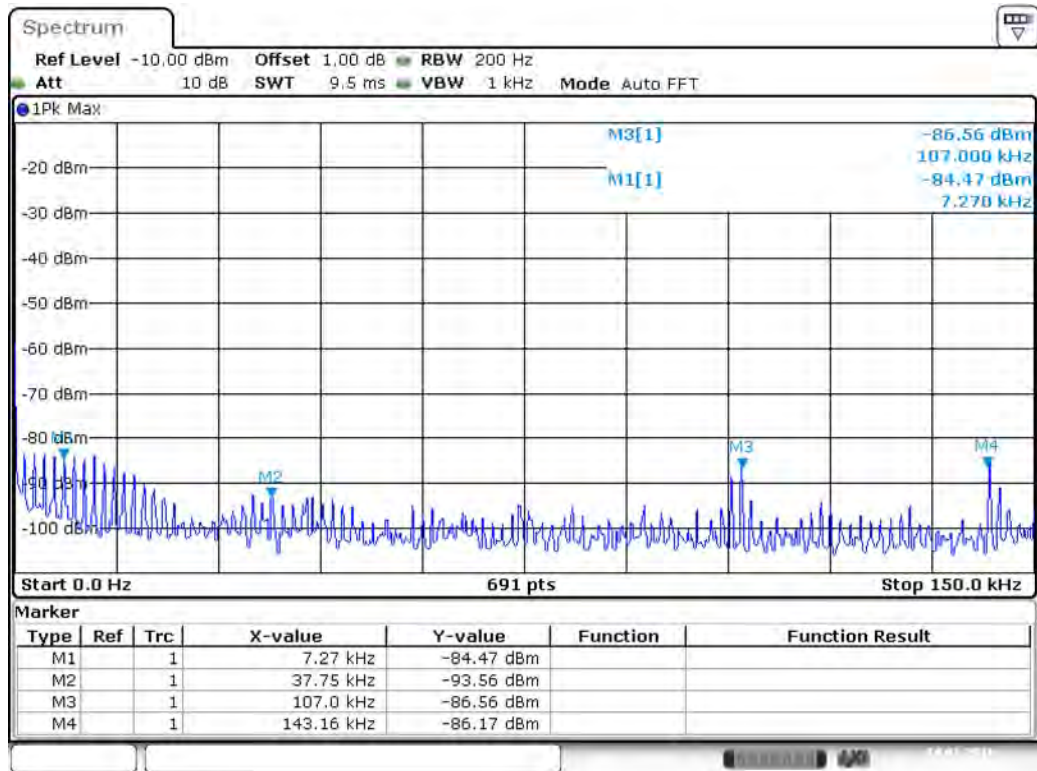
Note 4: The harmonic (2th, 3th, 4th,etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.

Band I 11a CH36

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Remark	Verdict
0.00727	-84.47	0	3	2	QP	12.79	86.63	73.84	Note 2	Pass
20	-64.64	6	3	2	QP	38.62	86.63	48.01	Note 2	Pass
189.3	-78.27	4.7	3	2	QP	23.69	86.63	62.94	Note 2	Pass
575.4	-68.71	4.7	3	2	QP	33.25	86.63	53.38	Note 2	Pass

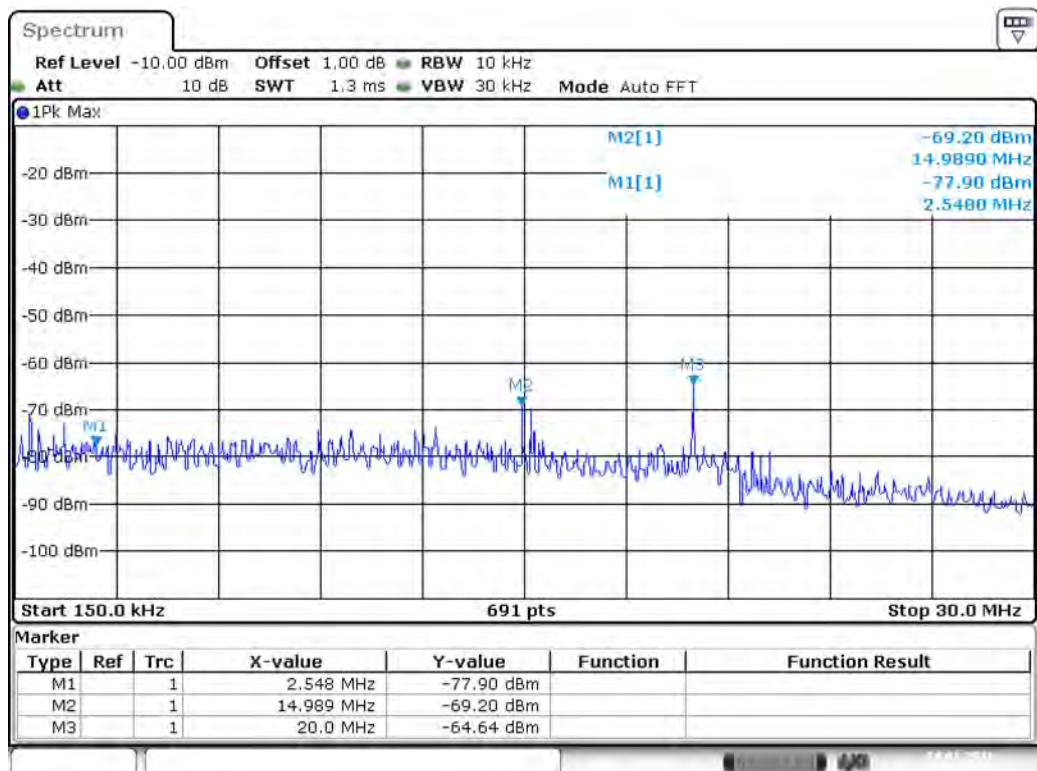
Test Plots

SPURIOUS 9 kHz ~ 150 kHz



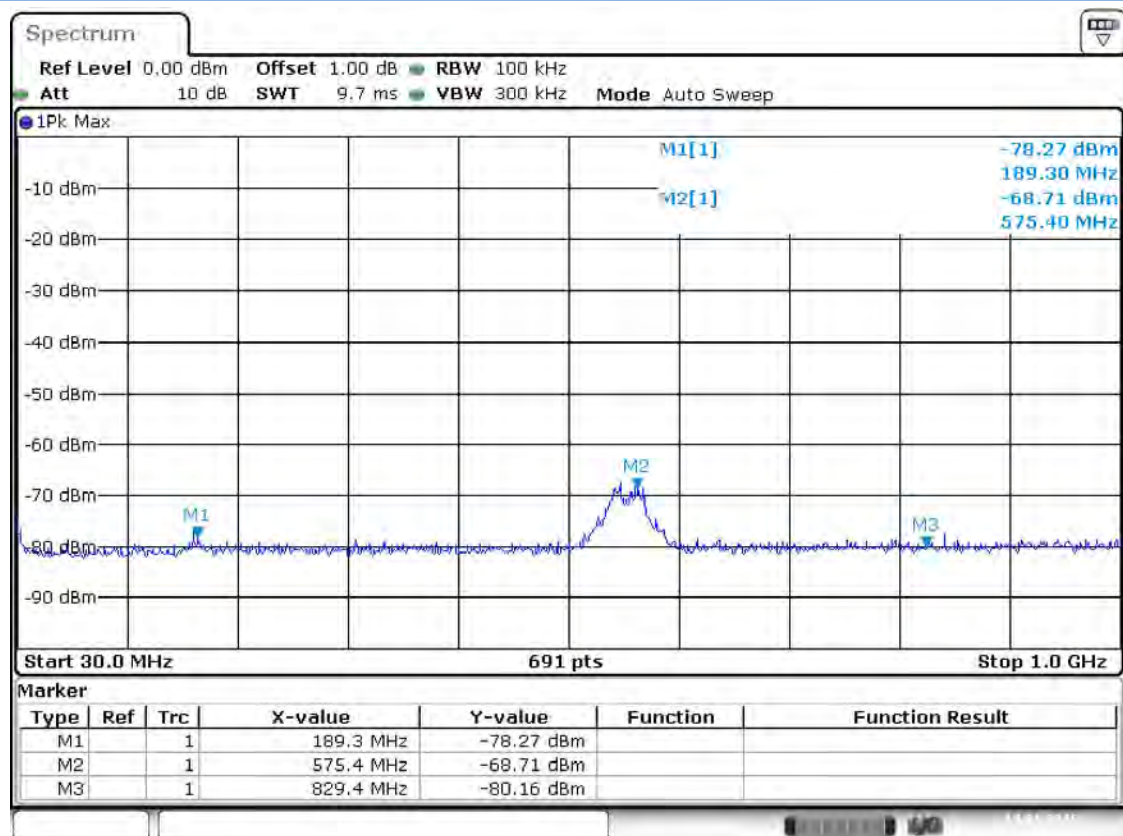
Date: 14.JAN.2016 15:39:42

SPURIOUS 150 kHz ~ 30 MHz



Date: 14.JAN.2016 15:41:37

SPURIOUS 30 MHz ~ 1 GHz



Date: 14.JAN.2016 15:43:09

Test Data (Test frequency: 1 - 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 0.4 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.

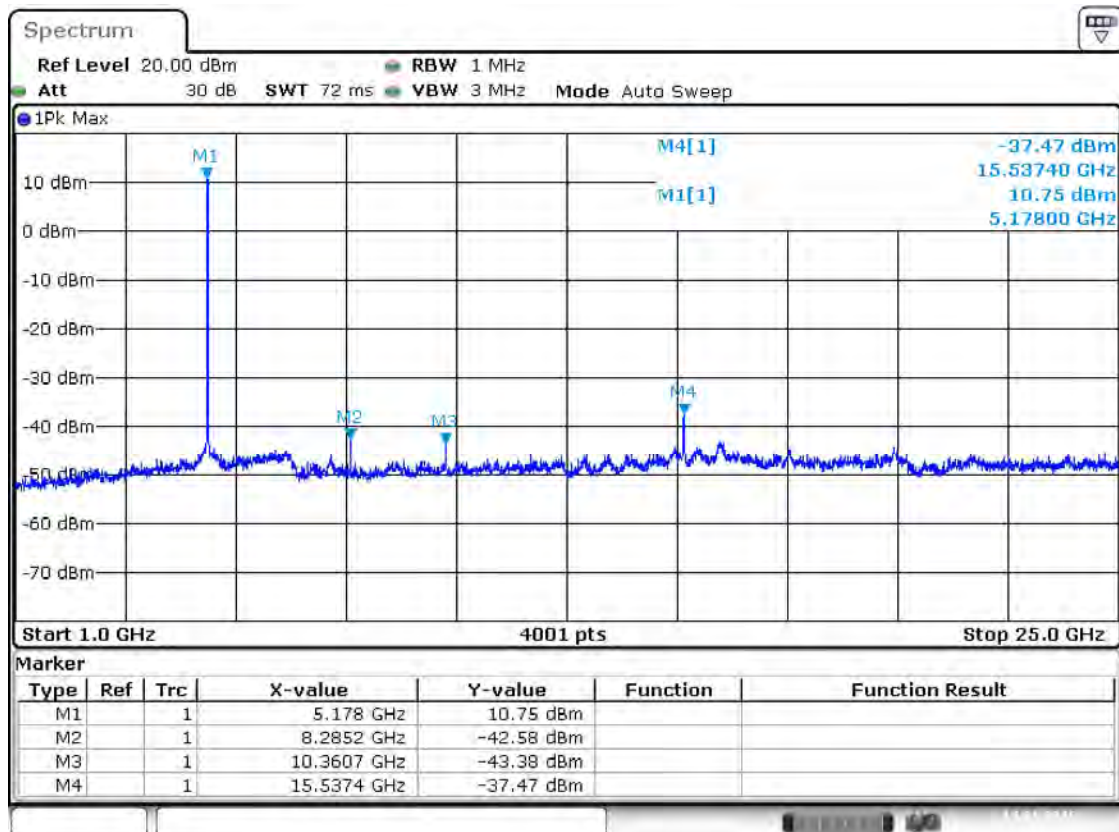
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band 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
8285.2	-42.58	0	3	2	PK	54.68	74.00	19.32	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
15537.4	-37.47	0	3	2	PK	59.79	74.00	14.21	--	Pass
	-62.32		3	2	AV	34.94	54.00	19.06	--	Pass
5178	10.75	0	3	2	PK	108.01	N/A	N/A	Note 1	N/A
	-14.10		3	2	AV	83.16	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:28:47

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 0.4 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.

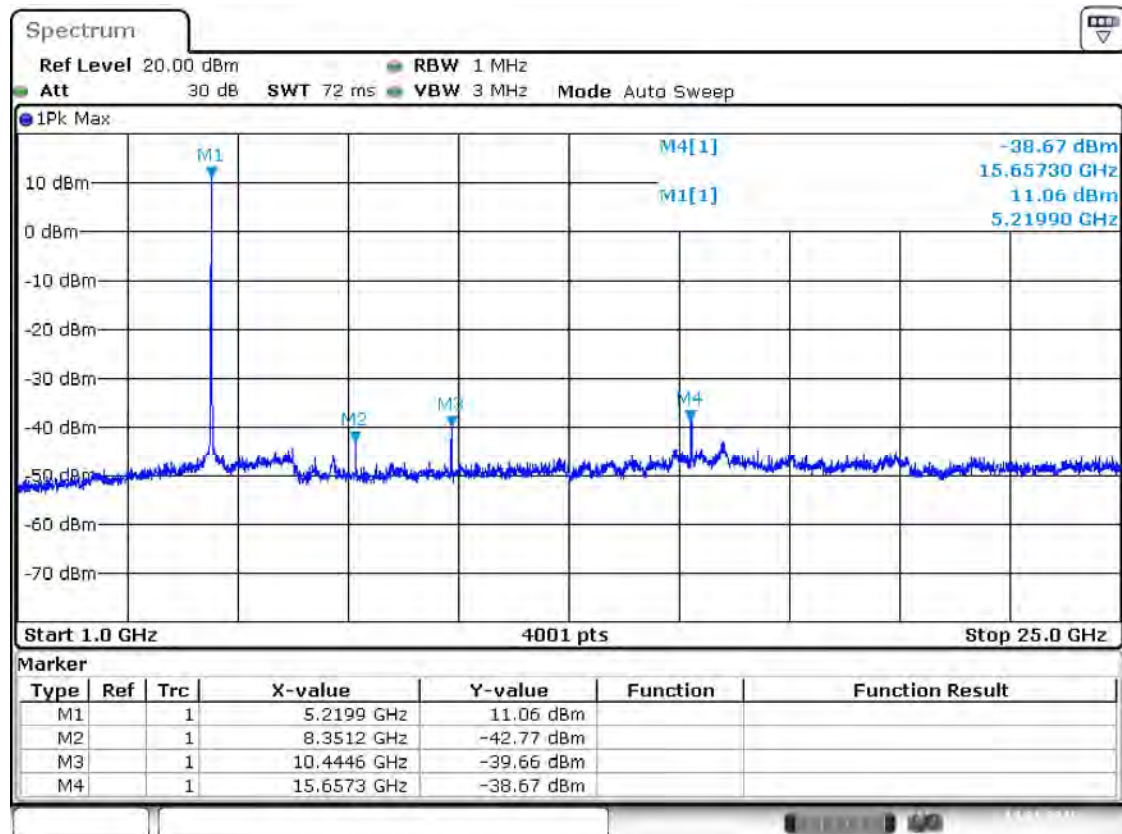
Note 4: The harmonic (4th ,5th , 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10444.6	-39.66	0	3	2	PK	57.60	88.32	30.72	Note 2	Pass
	-64.51		3	2	AV	32.75	68.32	35.57	--	Pass
15657.3	-38.67	0	3	2	PK	58.59	74.00	15.41	--	Pass
	-63.52		3	2	AV	33.74	54.00	20.26	--	Pass
5219.9	11.06	0	3	2	PK	108.32	N/A	N/A	Note 1	N/A
	-13.79		3	2	AV	83.47	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:29:39

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 0.4 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.

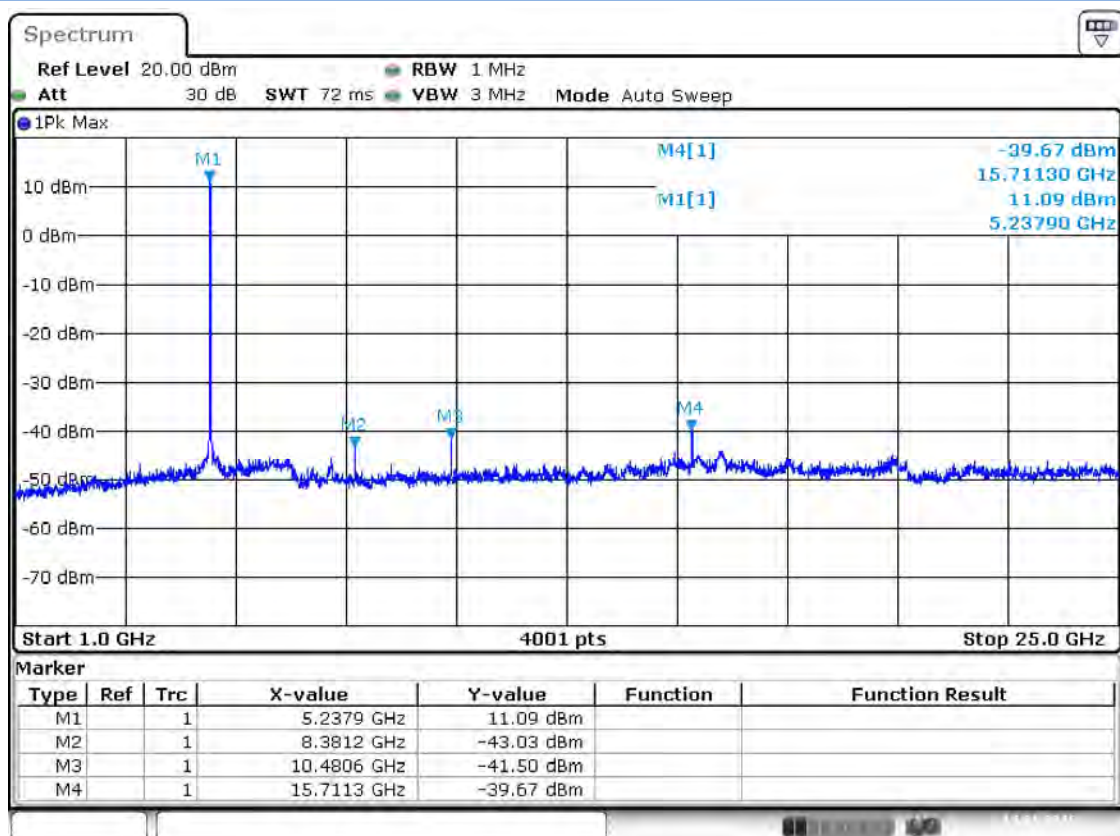
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10480.6	-41.5	0	3	2	PK	55.76	88.35	32.59	Note 2	Pass
	-66.35		3	2	AV	30.91	68.35	37.44	--	Pass
15711.3	-39.67	0	3	2	PK	57.59	74.00	16.41	--	Pass
	-64.52		3	2	AV	32.74	54.00	21.26	--	Pass
5237.9	11.09	0	3	2	PK	108.35	N/A	N/A	Note 1	N/A
	-13.76		3	2	AV	83.50	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:30:08

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 0.4 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.

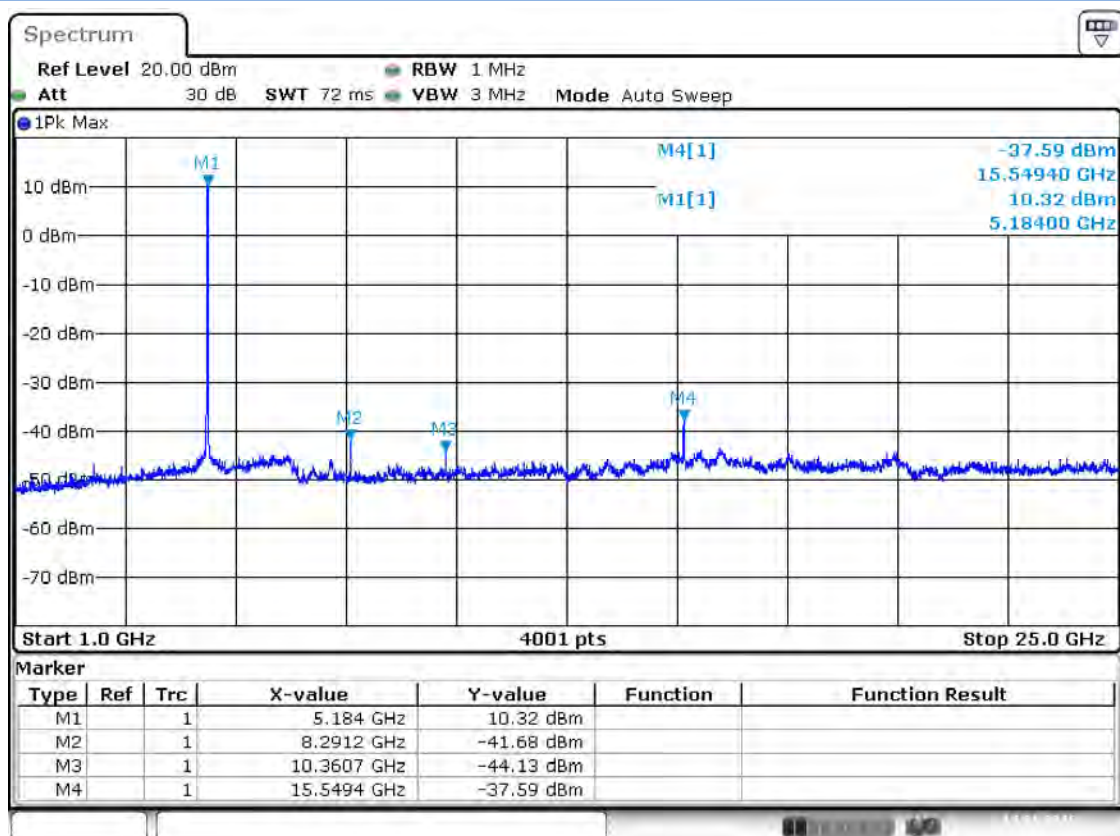
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band 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
8291.2	-41.68	0	3	2	PK	55.58	74.00	18.42	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
15549.4	-37.59	0	3	2	PK	59.67	74.00	14.33	--	Pass
	-62.44		3	2	AV	34.82	54.00	19.18	--	Pass
5184	10.32	0	3	2	PK	107.58	N/A	N/A	Note 1	N/A
	-14.53		3	2	AV	82.73	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:10:23

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 0.4 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.

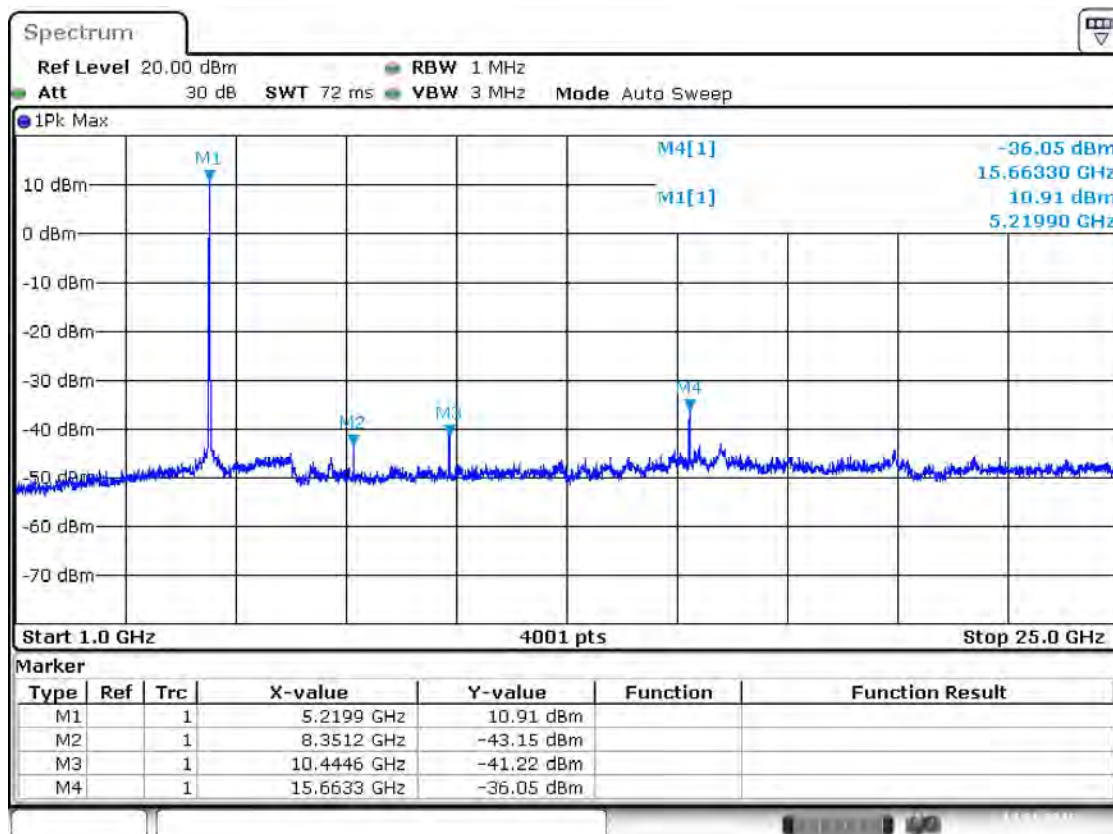
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10444.6	-41.22	0	3	2	PK	56.04	88.17	32.13	Note 2	Pass
	-66.07		3	2	AV	31.19	68.17	36.98	--	Pass
15663.3	-36.05	0	3	2	PK	61.21	74.00	12.79	--	Pass
	-60.90		3	2	AV	36.36	54.00	17.64	--	Pass
5219.9	10.91	0	3	2	PK	108.17	N/A	N/A	Note 1	N/A
	-13.94		3	2	AV	83.32	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 19:11:10

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 0.4dBi.

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.

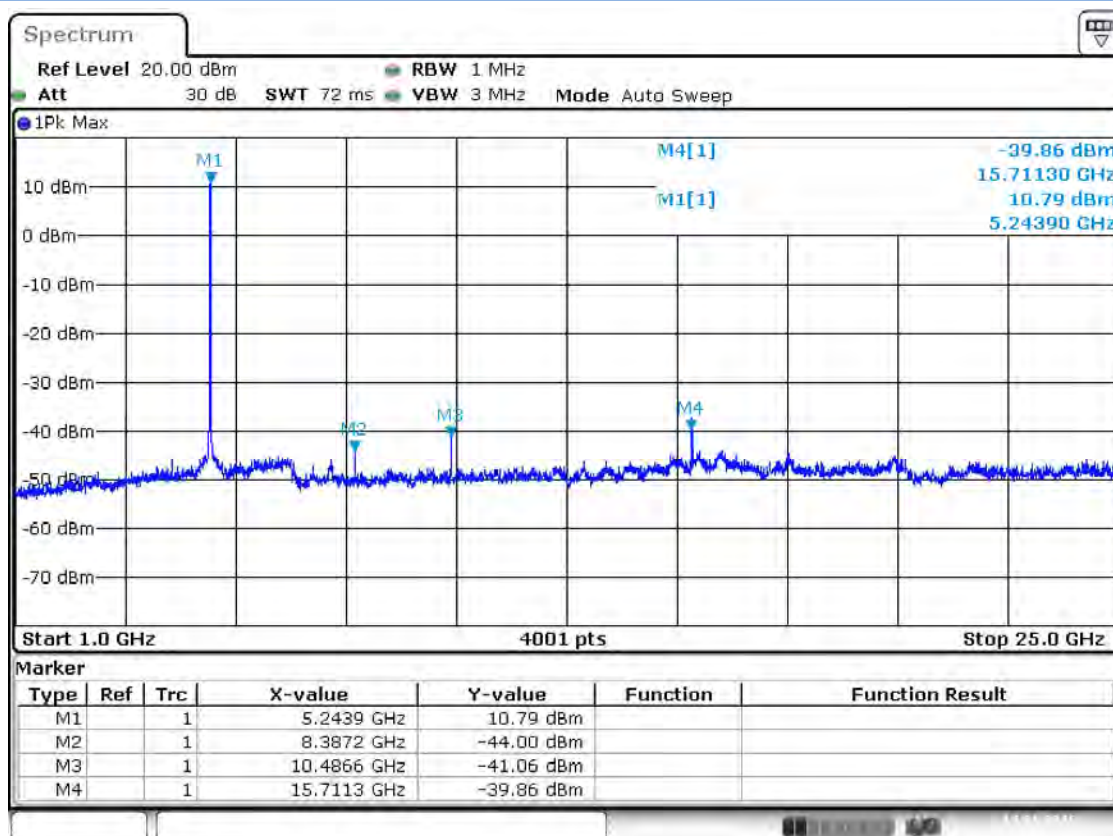
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10486.6	-41.06	0	3	2	PK	56.20	88.05	31.85	Note 2	Pass
	-65.91		3	2	AV	31.35	68.05	36.70	--	Pass
15711.3	-39.86	0	3	2	PK	57.40	74.00	16.60	--	Pass
	-64.71		3	2	AV	32.55	54.00	21.45	--	Pass
5243.9	10.79	0	3	2	PK	108.05	N/A	N/A	Note 1	N/A
	-14.06		3	2	AV	83.20	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:11:49

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 0.4 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.

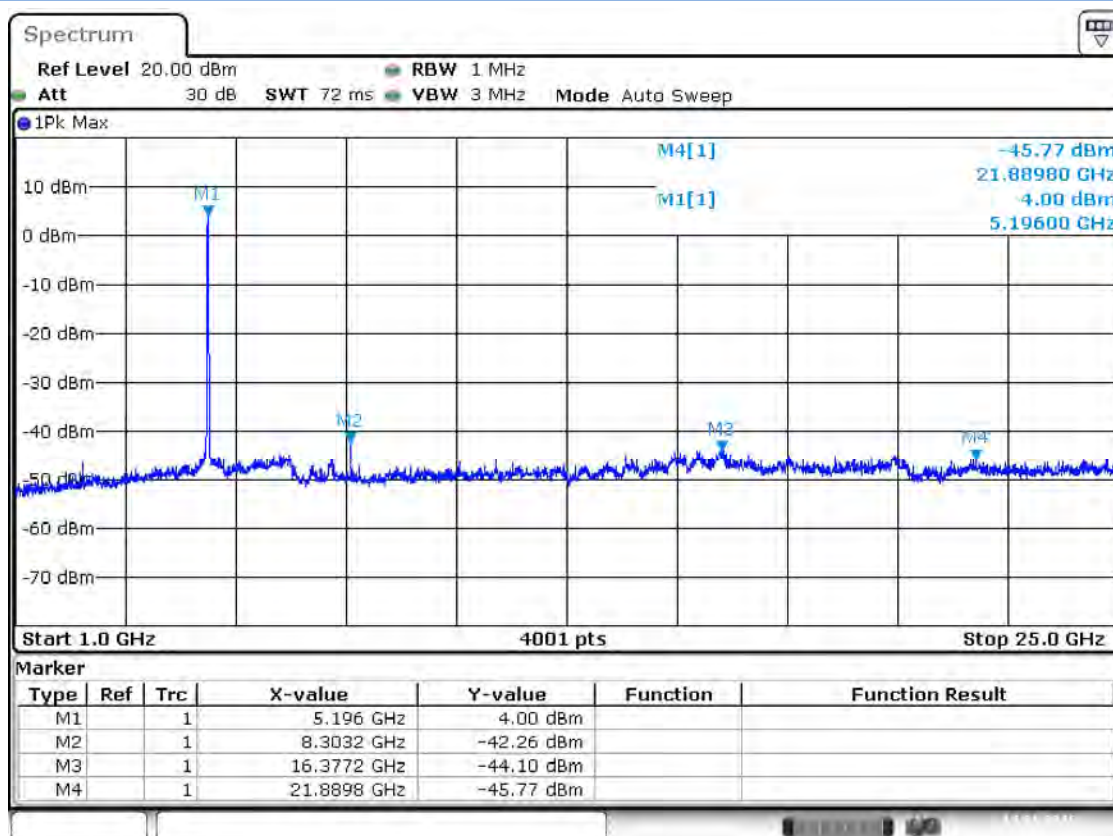
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
8303.2	-42.26	0	3	2	PK	55.00	74.00	19.00	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
16377.2	-44.1	0	3	2	PK	53.16	81.26	28.10	Note 2	Pass
	N/A		3	2	AV	N/A	61.26	N/A	Note 3	Pass
5196	4	0	3	2	PK	101.26	N/A	N/A	Note 1	N/A
	-20.85		3	2	AV	76.41	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:20:40

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 0.4 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.

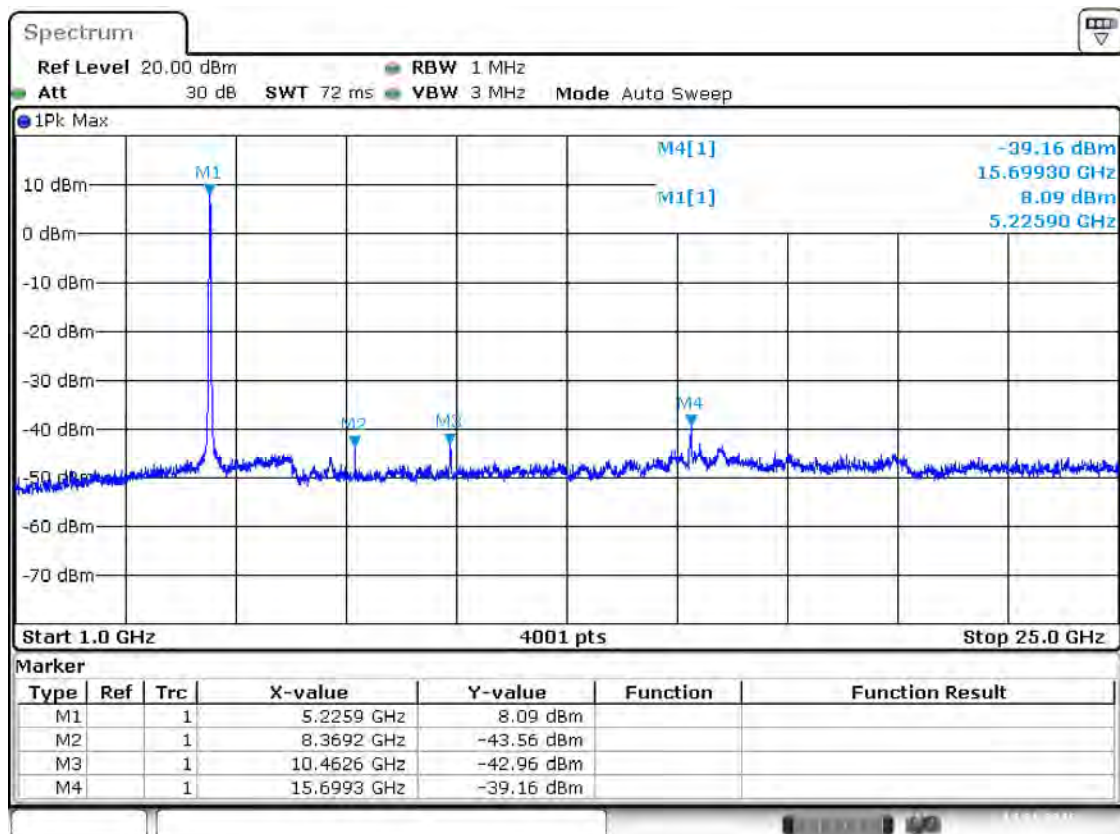
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10462.6	-42.96	0	3	2	PK	54.30	85.35	31.05	Note 2	Pass
	-67.81		3	2	AV	29.45	65.35	35.90	--	Pass
15699.3	-39.16	0	3	2	PK	58.10	74.00	15.90	--	Pass
	-64.01		3	2	AV	33.25	54.00	20.75	--	Pass
5225.9	8.09	0	3	2	PK	105.35	N/A	N/A	Note 1	N/A
	-16.76		3	2	AV	80.50	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:21:36

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 0.4 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.

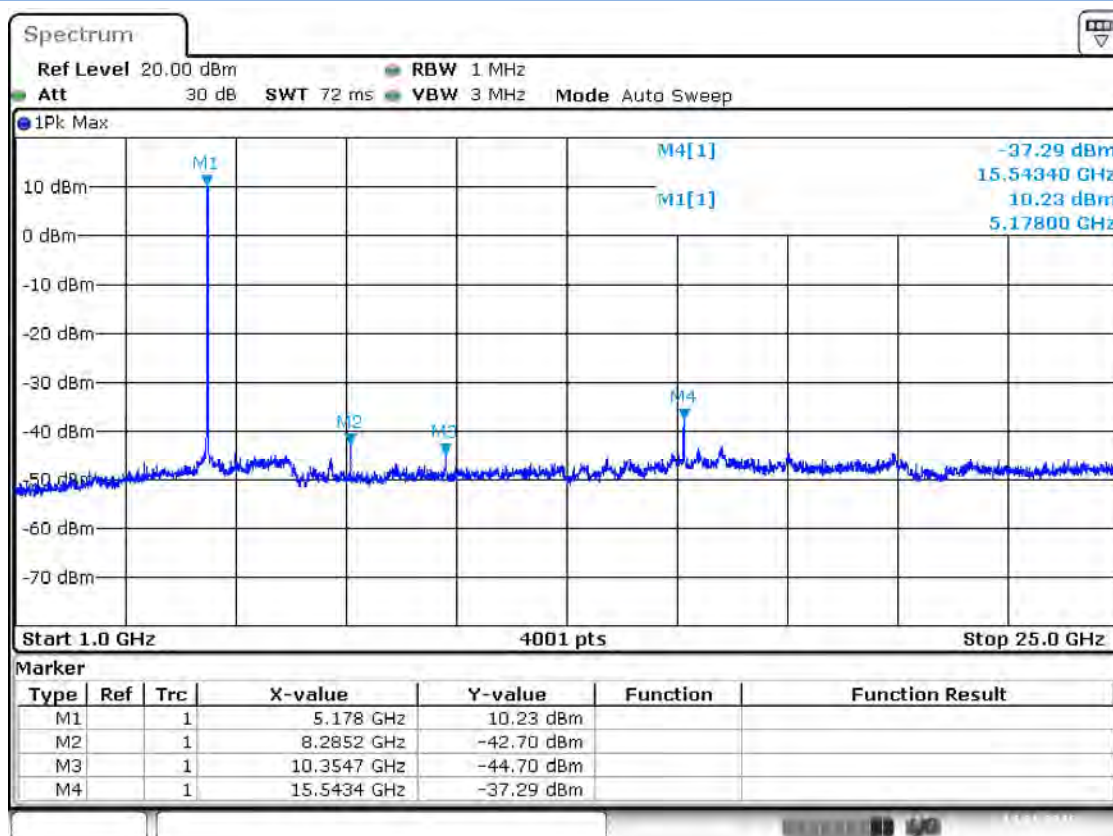
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band 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
8285.2	-42.7	0	3	2	PK	54.56	74.00	19.44	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
15543.4	-37.29	0	3	2	PK	59.97	74.00	14.03	--	Pass
	-62.14		3	2	AV	35.12	54.00	18.88	--	Pass
5178	10.23	0	3	2	PK	107.49	N/A	N/A	Note 1	N/A
	-14.62		3	2	AV	82.64	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:40:50

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 0.4 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.

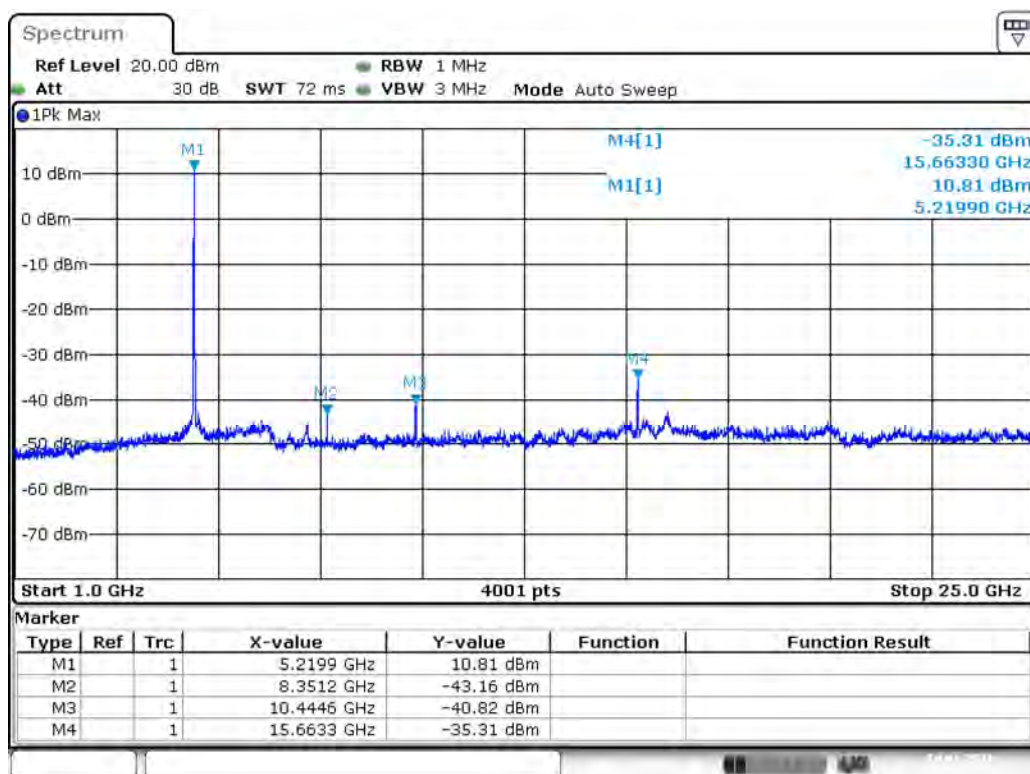
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10444.6	-40.82	0	3	2	PK	56.44	88.07	31.63	Note 2	Pass
	-65.67		3	2	AV	31.59	68.07	36.48	--	Pass
15663.3	-35.31	0	3	2	PK	61.95	74.00	12.05	--	Pass
	-60.16		3	2	AV	37.10	54.00	16.90	--	Pass
5219.9	10.81	0	3	2	PK	108.07	N/A	N/A	Note 1	N/A
	-14.04		3	2	AV	83.22	N/A	N/A		N/A

Test Plots

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



Date: 14. JAN 2016 16:41:42

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 0.4 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.

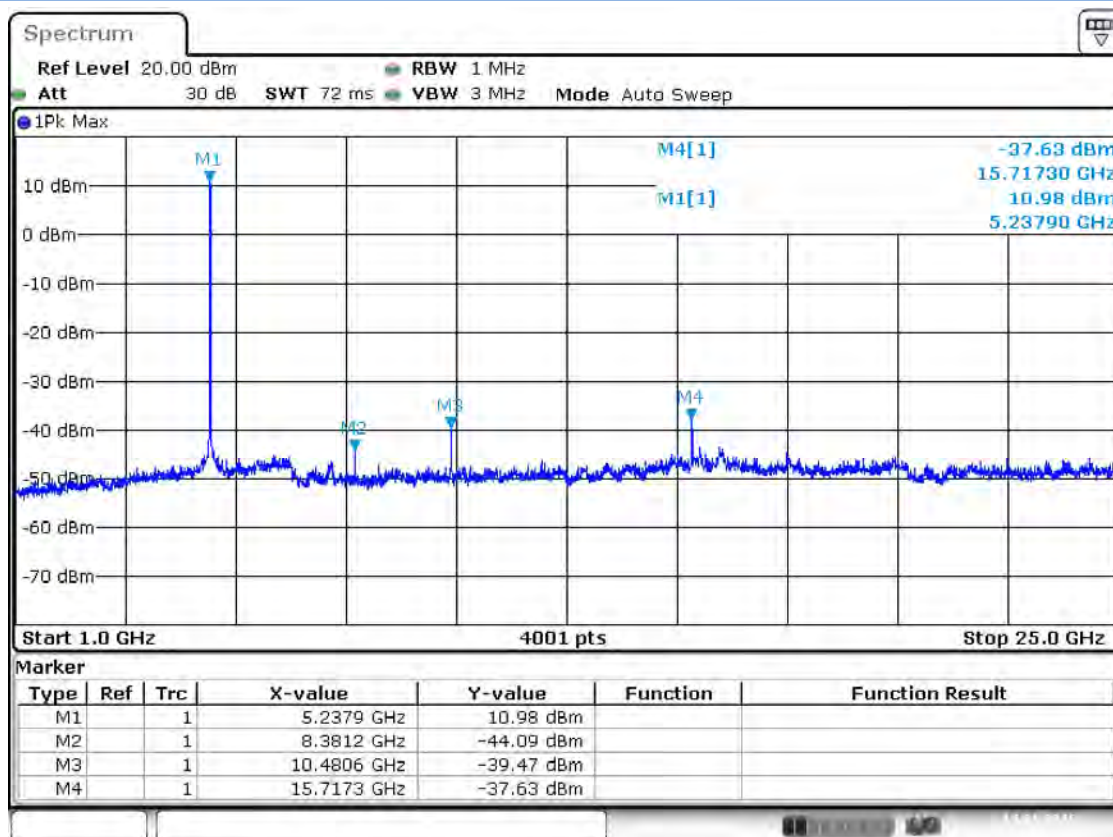
Note 4: The harmonic (4th ,5th , 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10480.6	-39.47	0	3	2	PK	57.79	88.24	30.45	Note 2	Pass
	-64.32		3	2	AV	32.94	68.24	35.30	--	Pass
15717.3	-37.63	0	3	2	PK	59.63	74.00	14.37	--	Pass
	-62.48		3	2	AV	34.78	54.00	19.22	--	Pass
5237.9	10.98	0	3	2	PK	108.24	N/A	N/A	Note 1	N/A
	-13.87		3	2	AV	83.39	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:42:15

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 0.4 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.

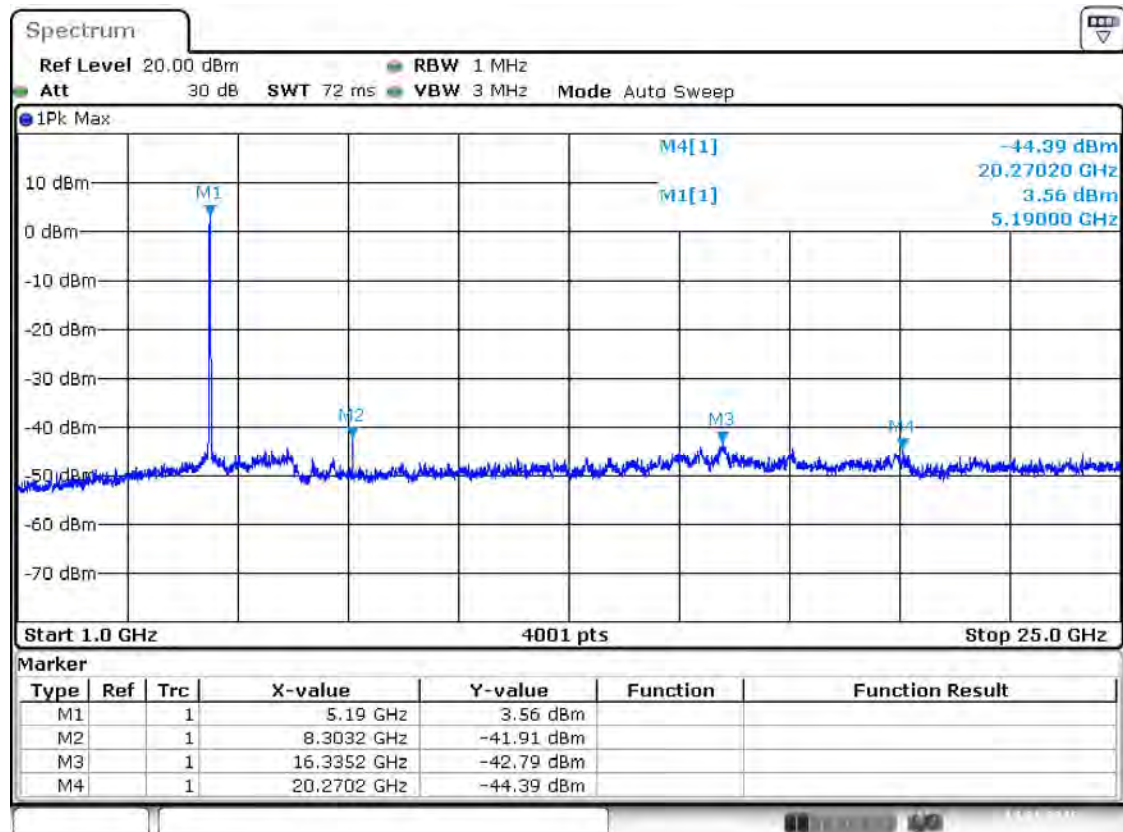
Note 4: The harmonic (2th, 3th, 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band I 11ac(HT40) 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
8303.2	-41.91	0	3	2	PK	55.35	74.00	18.65	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
16335.2	-42.79	0	3	2	PK	54.47	80.82	26.35	Note 2	Pass
	N/A		3	2	AV	N/A	60.82	N/A	Note 3	Pass
5190	3.56	0	3	2	PK	100.82	N/A	N/A	Note 1	N/A
	-21.29		3	2	AV	75.97	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:49:30

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 0.4dBi.

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.

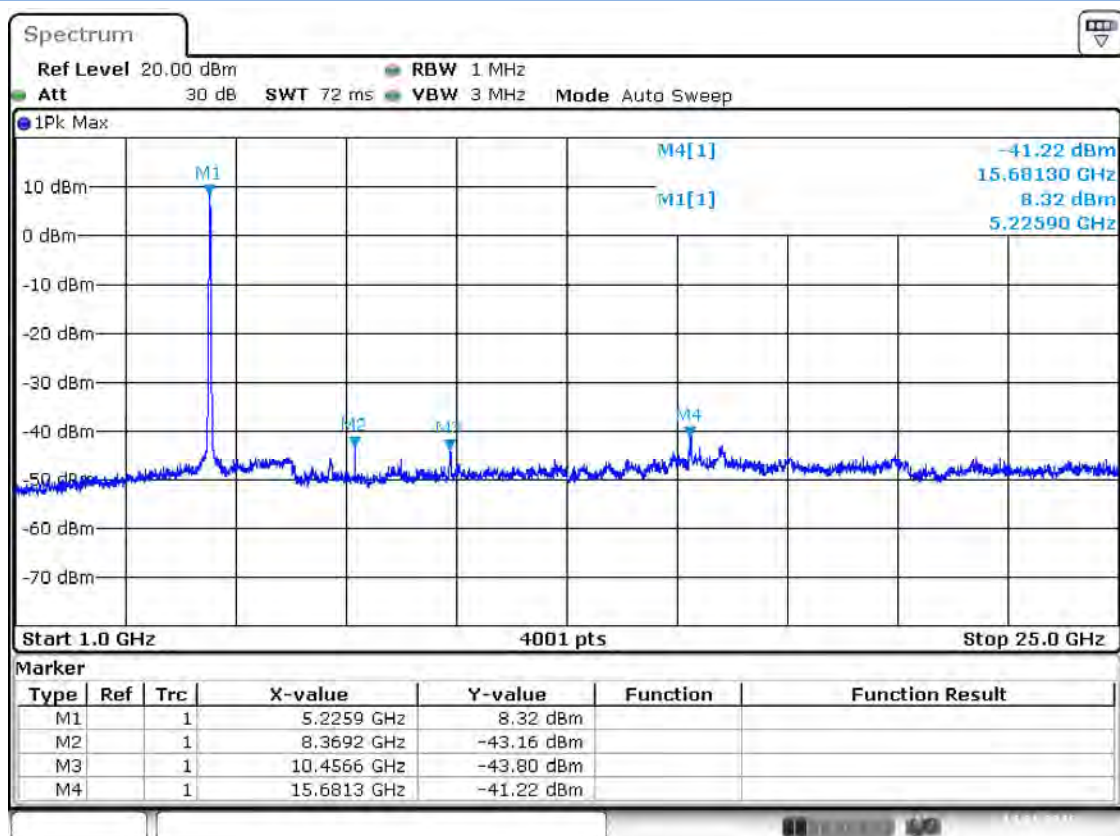
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
8369.2	-43.16	0	3	2	PK	54.10	74.00	19.90	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
15681.3	-41.22	0	3	2	PK	56.04	74.00	17.96	--	Pass
	-66.07		3	2	AV	31.19	54.00	22.81	--	Pass
5225.9	8.32	0	3	2	PK	105.58	N/A	N/A	Note 1	N/A
	-16.53		3	2	AV	80.73	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:50:30

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 1.02dBi.

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.

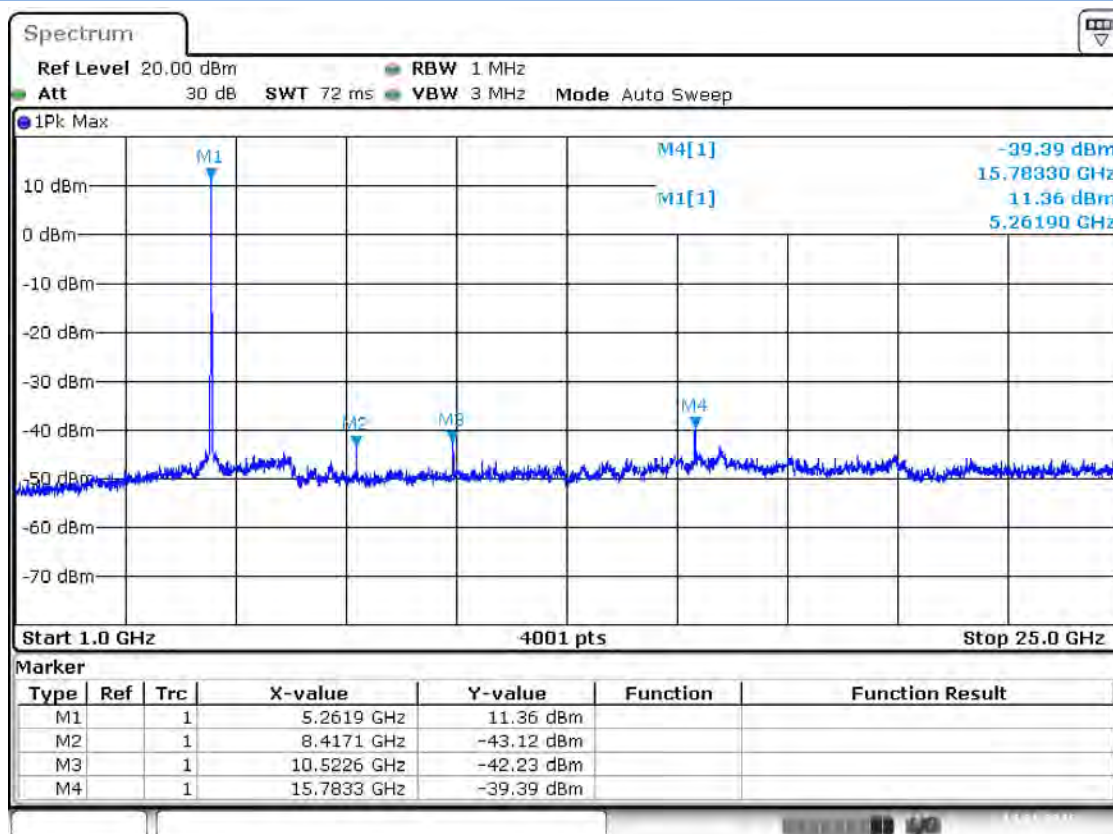
Note 4: The harmonic (4th ,5th , 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10522.6	-42.23	0	3	2	PK	55.03	88.62	33.59	Note 2	Pass
	-67.08		3	2	AV	30.18	68.62	38.44	--	Pass
15783.3	-39.39	0	3	2	PK	57.87	74.00	16.13	--	Pass
	-64.24		3	2	AV	33.02	54.00	20.98	--	Pass
5261.9	11.36	0	3	2	PK	108.62	N/A	N/A	Note 1	N/A
	-13.49		3	2	AV	83.77	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:30:40

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 1.02 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.

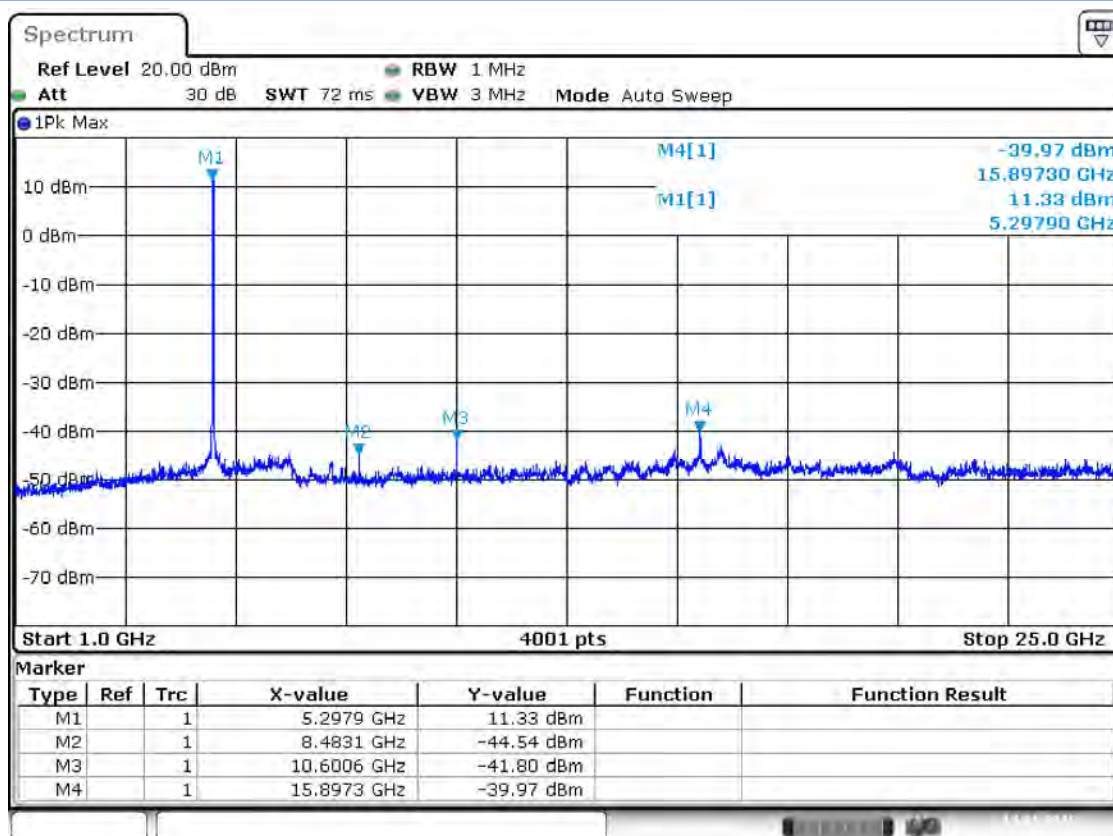
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10600.6	-41.8	0	3	2	PK	55.46	74.00	18.54	--	Pass
	-66.65		3	2	AV	30.61	54.00	23.39	--	Pass
15897.3	-39.97	0	3	2	PK	57.29	74.00	16.71	--	Pass
	-64.82		3	2	AV	32.44	54.00	21.56	--	Pass
5297.9	11.33	0	3	2	PK	108.59	N/A	N/A	Note 1	N/A
	-13.52		3	2	AV	83.74	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:31:18

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 1.02 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.

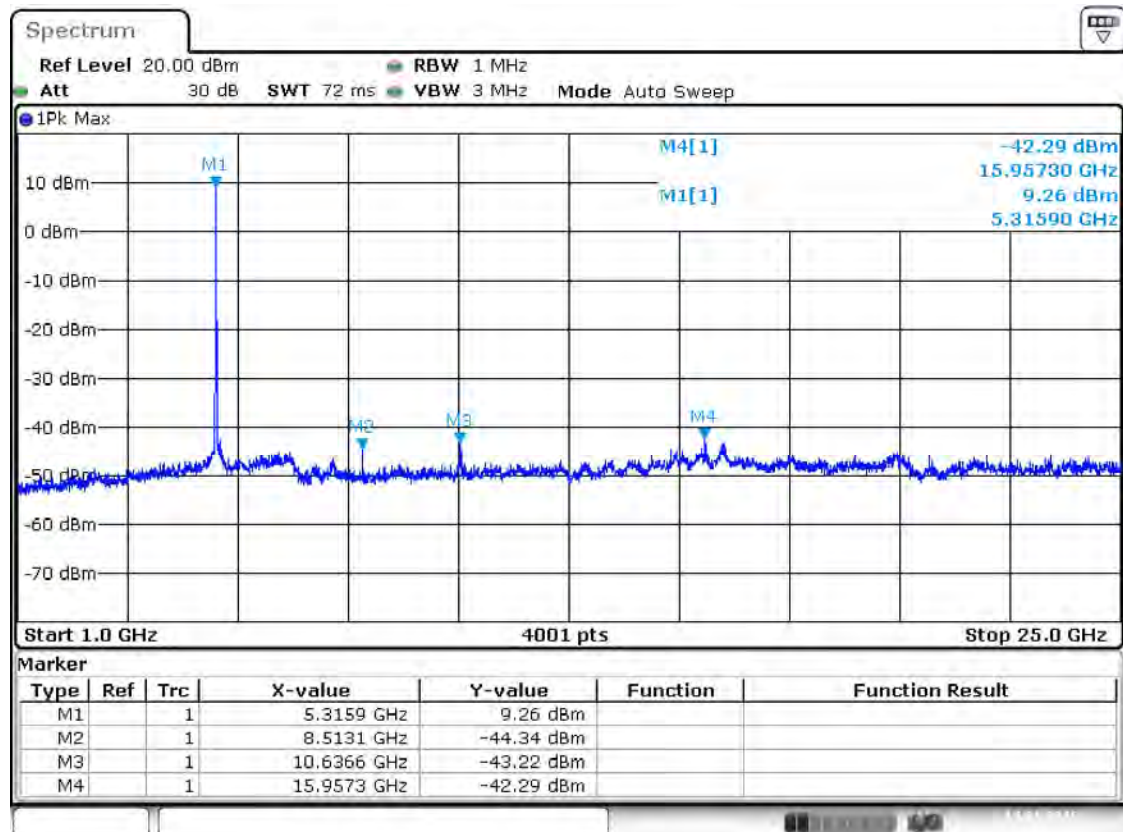
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10636.6	-43.22	0	3	2	PK	54.04	74.00	19.96	--	Pass
	-68.07		3	2	AV	29.19	54.00	24.81	--	Pass
15957.3	-42.29	0	3	2	PK	54.97	74.00	19.03	--	Pass
	-67.14		3	2	AV	30.12	54.00	23.88	--	Pass
5315.9	9.26	0	3	2	PK	106.52	N/A	N/A	Note 1	N/A
	-15.59		3	2	AV	81.67	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:31:49

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 1.02 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.

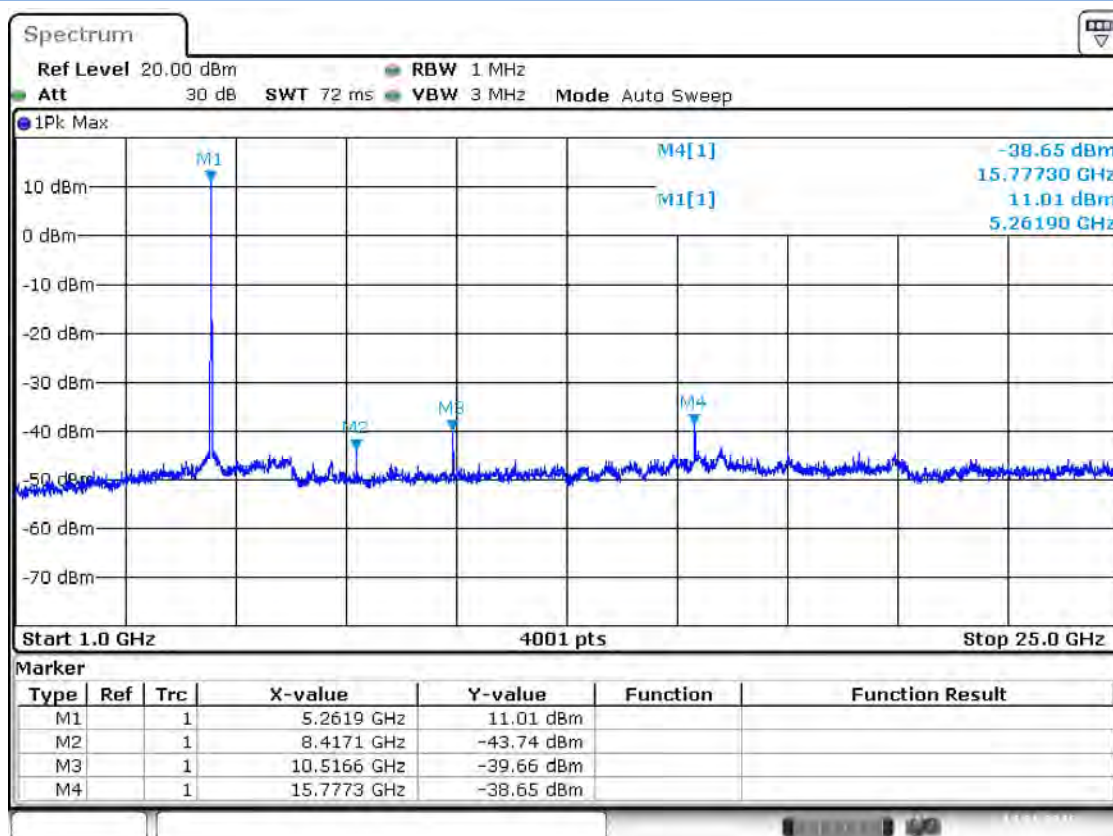
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10516.6	-39.66	0	3	2	PK	57.60	88.27	30.67	Note 2	Pass
	-64.51		3	2	AV	32.75	68.27	35.52	--	Pass
15777.3	-38.65	0	3	2	PK	58.61	74.00	15.39	--	Pass
	-63.50		3	2	AV	33.76	54.00	20.24	--	Pass
5261.9	11.01	0	3	2	PK	108.27	N/A	N/A	Note 1	N/A
	-13.84		3	2	AV	83.42	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:12:35

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 1.02 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.

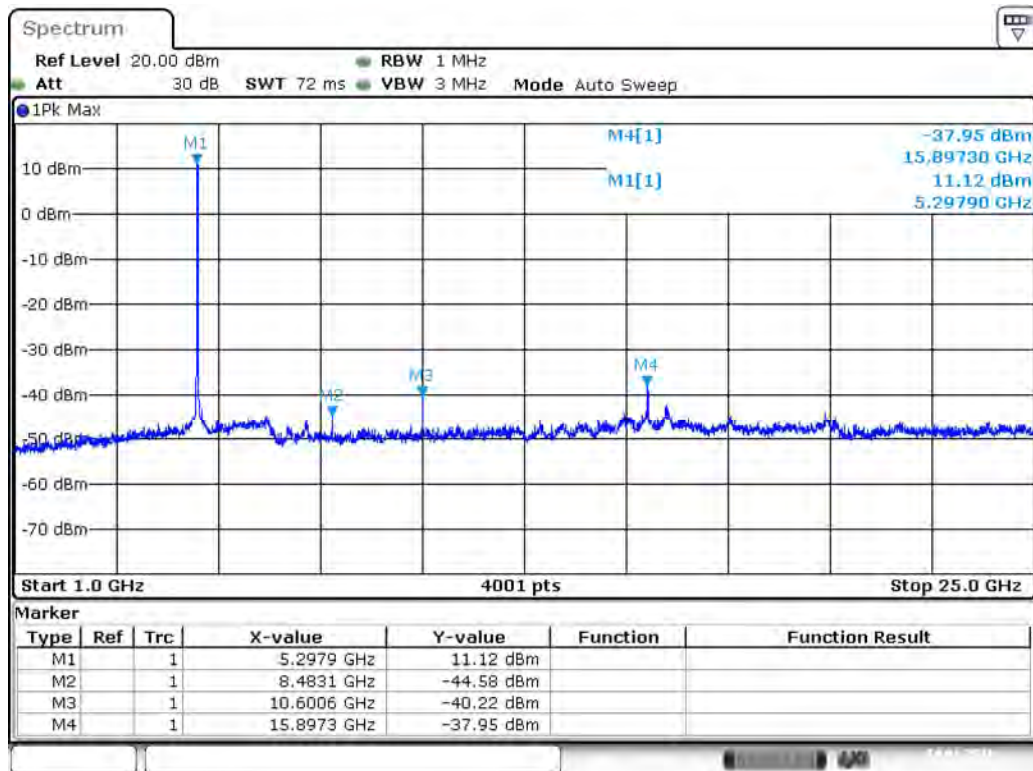
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11n(HT20) CH60

Frequency (MHz)	Value (dBm)	Ground Reflection Factor (dB)	D (m)	Max gain (dBi)	Detector	E (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark	Verdict
10600.6	-40.22	0	3	2	PK	57.04	74.00	16.96	--	Pass
	-65.07		3	2	AV	32.19	54.00	21.81	--	Pass
15897.3	-37.95	0	3	2	PK	59.31	74.00	14.69	--	Pass
	-62.80		3	2	AV	34.46	54.00	19.54	--	Pass
5297.9	11.12	0	3	2	PK	108.38	N/A	N/A	Note 1	N/A
	-13.73		3	2	AV	83.53	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN 2016 19:14:05

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 1.02 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.

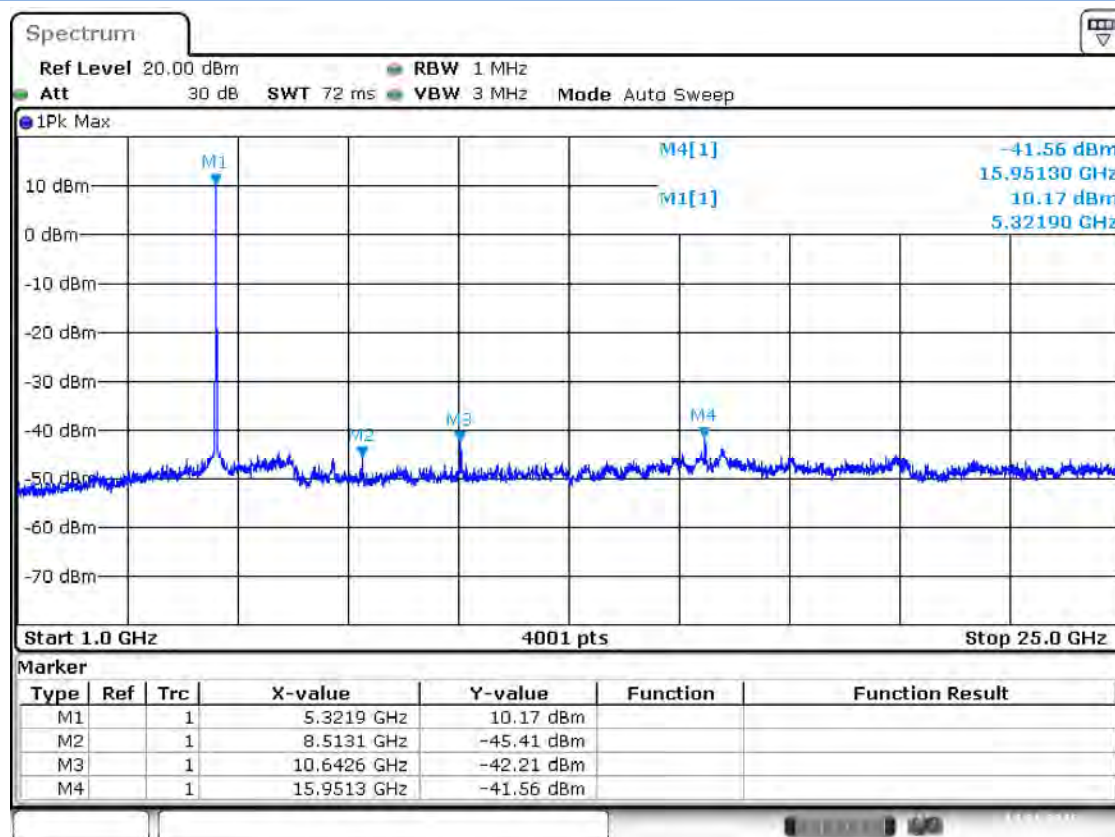
Note 4: The harmonic (4th, 5th, 6th, ... etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10642.6	-42.21	0	3	2	PK	55.05	74.00	18.95	--	Pass
	-67.06		3	2	AV	30.20	54.00	23.80	--	Pass
15951.3	-41.56	0	3	2	PK	55.70	74.00	18.30	--	Pass
	-66.41		3	2	AV	30.85	54.00	23.15	--	Pass
5321.9	10.17	0	3	2	PK	107.43	N/A	N/A	Note 1	N/A
	-14.68		3	2	AV	82.58	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:14:44

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 1.02 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.

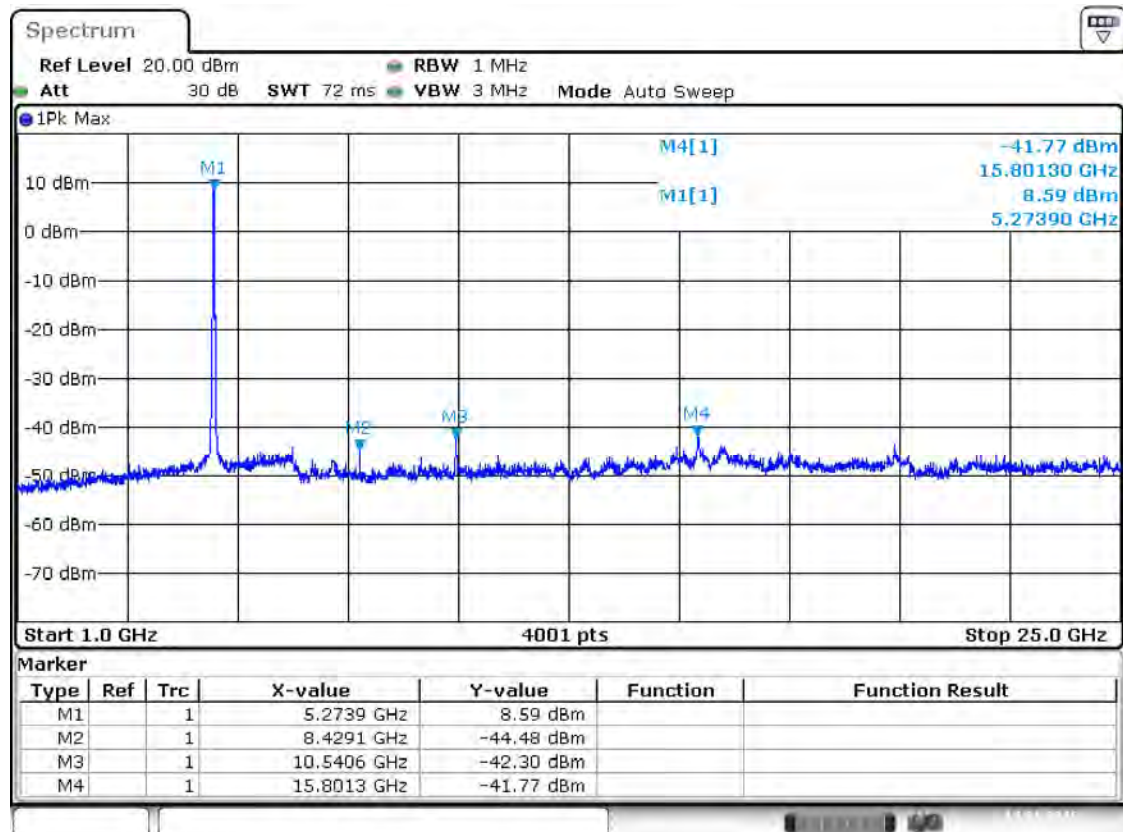
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10540.6	-42.3	0	3	2	PK	54.96	85.85	30.89	Note 2	Pass
	-67.15		3	2	AV	30.11	65.85	35.74	--	Pass
15801.3	-41.77	0	3	2	PK	55.49	74.00	18.51	--	Pass
	-66.62		3	2	AV	30.64	54.00	23.36	--	Pass
5273.9	8.59	0	3	2	PK	105.85	N/A	N/A	Note 1	N/A
	-16.26		3	2	AV	81.00	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:22:34

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 1.02 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.

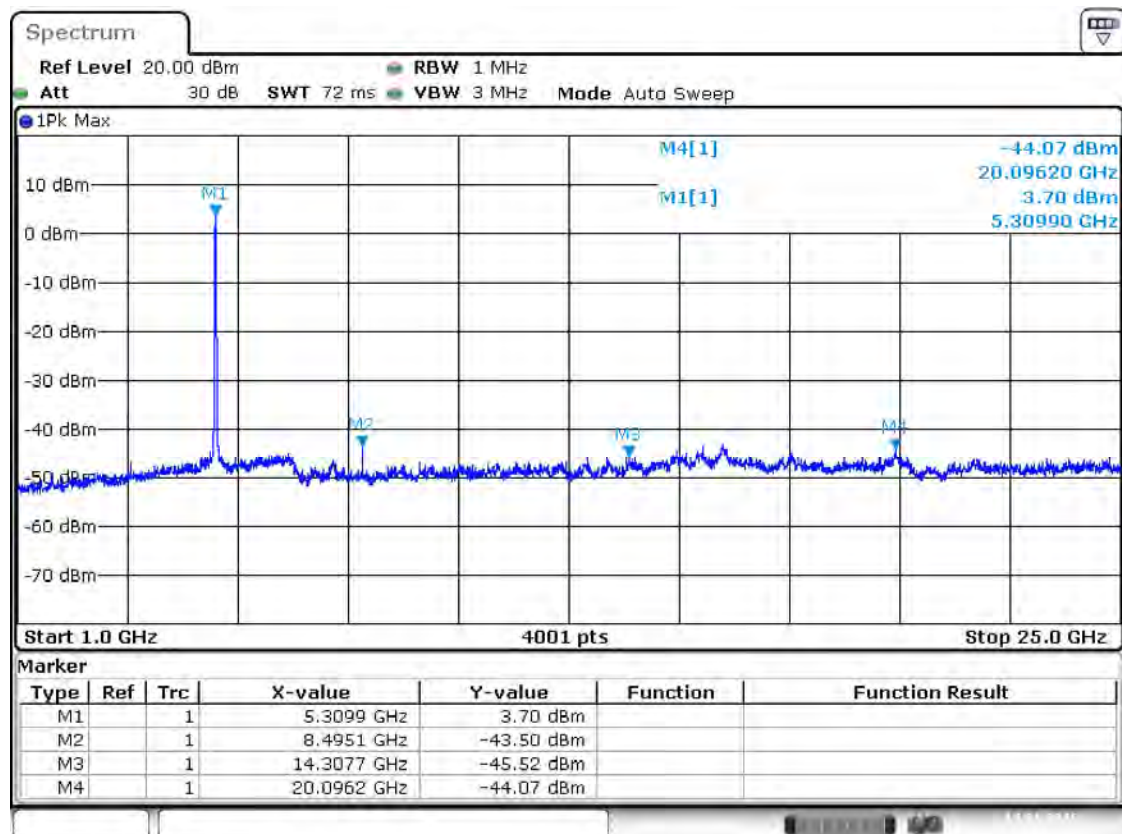
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
8485.1	-43.5	0	3	2	PK	53.76	74.00	20.24	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
20096.2	-44.07	0	3	2	PK	53.19	74.00	20.81	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5309.9	3.7	0	3	2	PK	100.96	N/A	N/A	Note 1	N/A
	-21.15		3	2	AV	76.11	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:24:06

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 1.02dBi.

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.

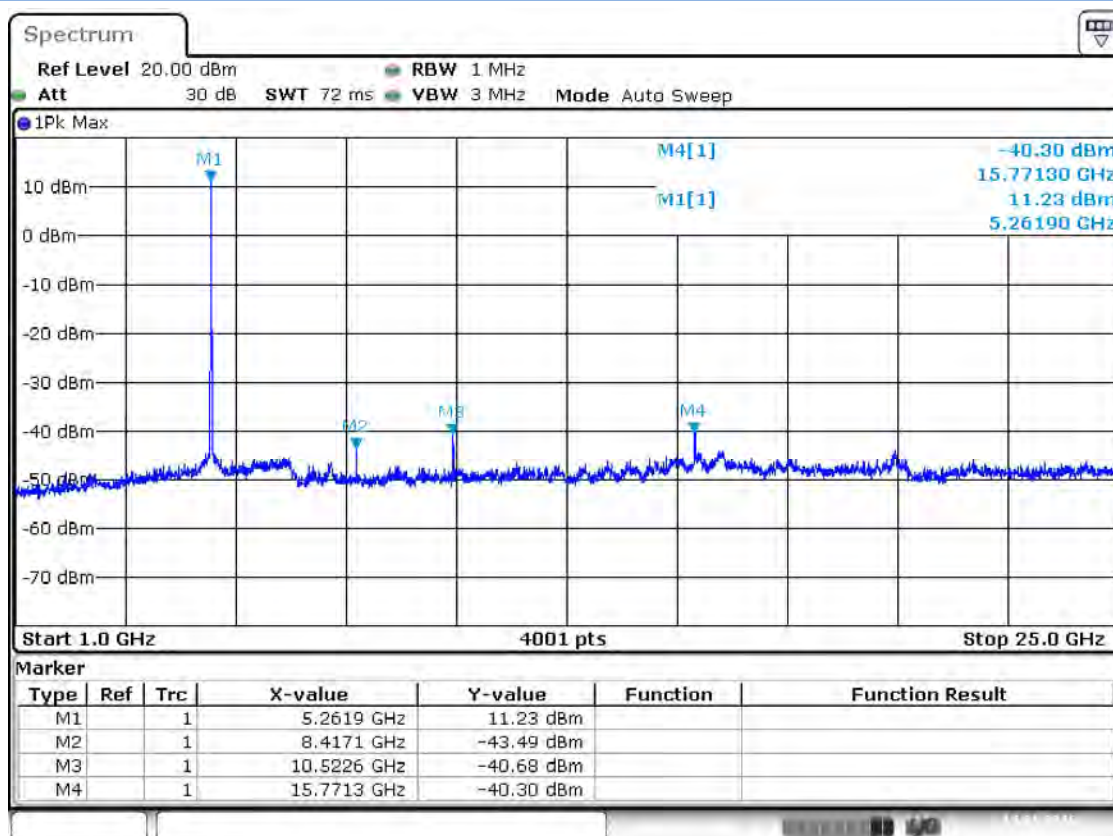
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10522.6	-40.68	0	3	2	PK	56.58	88.49	31.91	Note 2	Pass
	-65.53		3	2	AV	31.73	68.49	36.76	--	Pass
15771.3	-40.3	0	3	2	PK	56.96	74.00	17.04	--	Pass
	-65.15		3	2	AV	32.11	54.00	21.89	--	Pass
5261.9	11.23	0	3	2	PK	108.49	N/A	N/A	Note 1	N/A
	-13.62		3	2	AV	83.64	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:42:54

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 1.02 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.

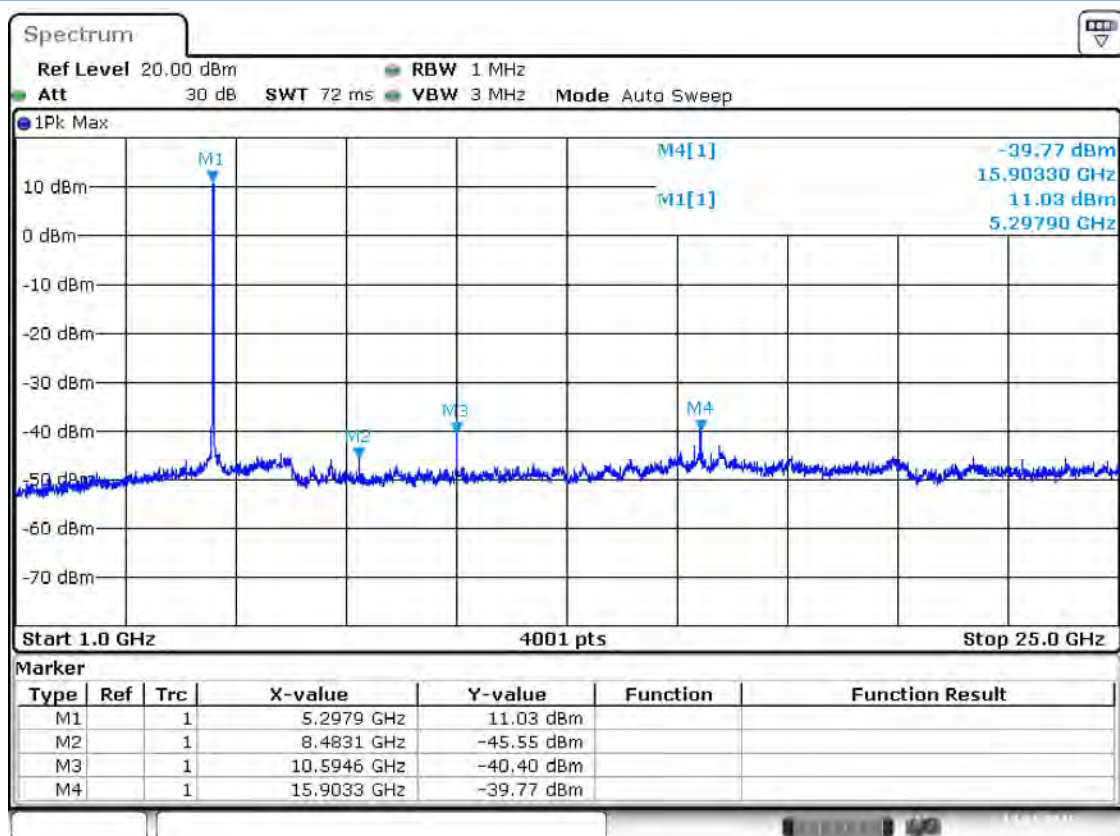
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10594.6	-40.4	0	3	2	PK	56.86	88.29	31.43	Note 2	Pass
	-65.25		3	2	AV	32.01	68.29	36.28	--	Pass
15903.3	-39.77	0	3	2	PK	57.49	74.00	16.51	--	Pass
	-64.62		3	2	AV	32.64	54.00	21.36	--	Pass
5297.9	11.03	0	3	2	PK	108.29	N/A	N/A	Note 1	N/A
	-13.82		3	2	AV	83.44	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:43:38

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 1.02dBi.

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.

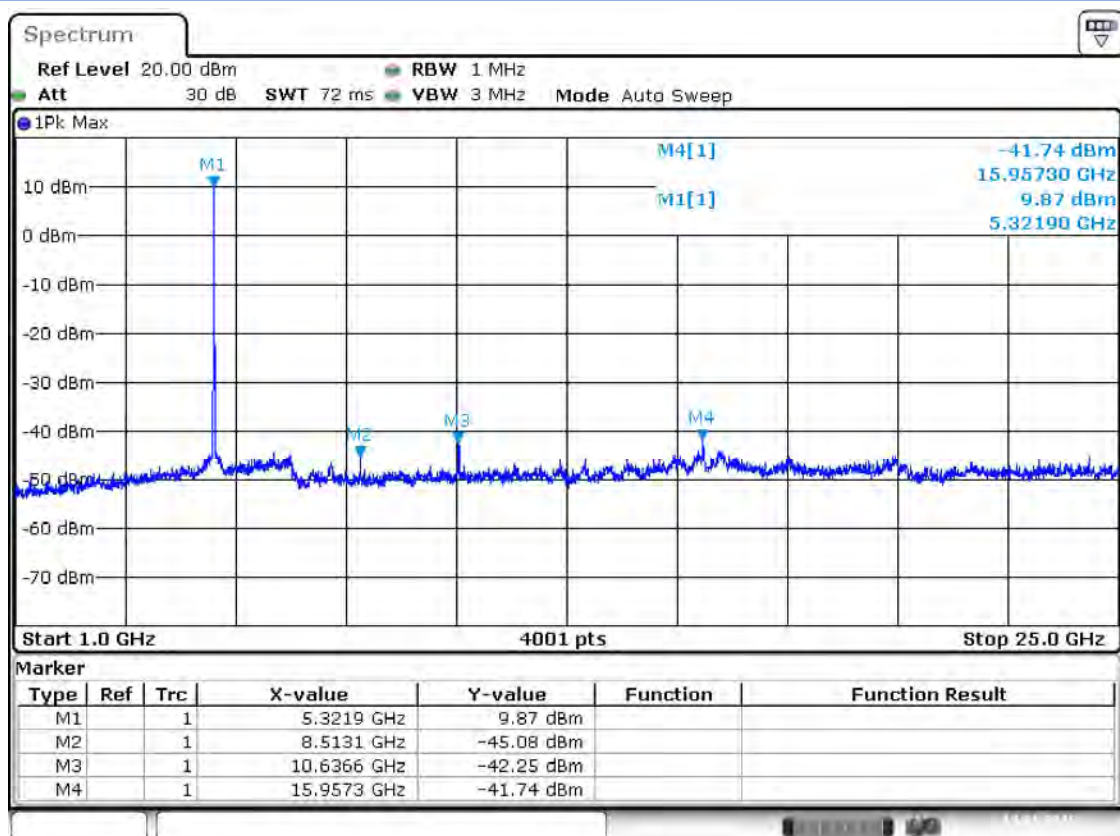
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10636.6	-42.25	0	3	2	PK	55.01	74.00	18.99	--	Pass
	-67.10		3	2	AV	30.16	54.00	23.84	--	Pass
15957.3	-41.74	0	3	2	PK	55.52	74.00	18.48	--	Pass
	-66.59		3	2	AV	30.67	54.00	23.33	--	Pass
5321.9	9.87	0	3	2	PK	107.13	N/A	N/A	Note 1	N/A
	-14.98		3	2	AV	82.28	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:44:12

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 1.02 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.

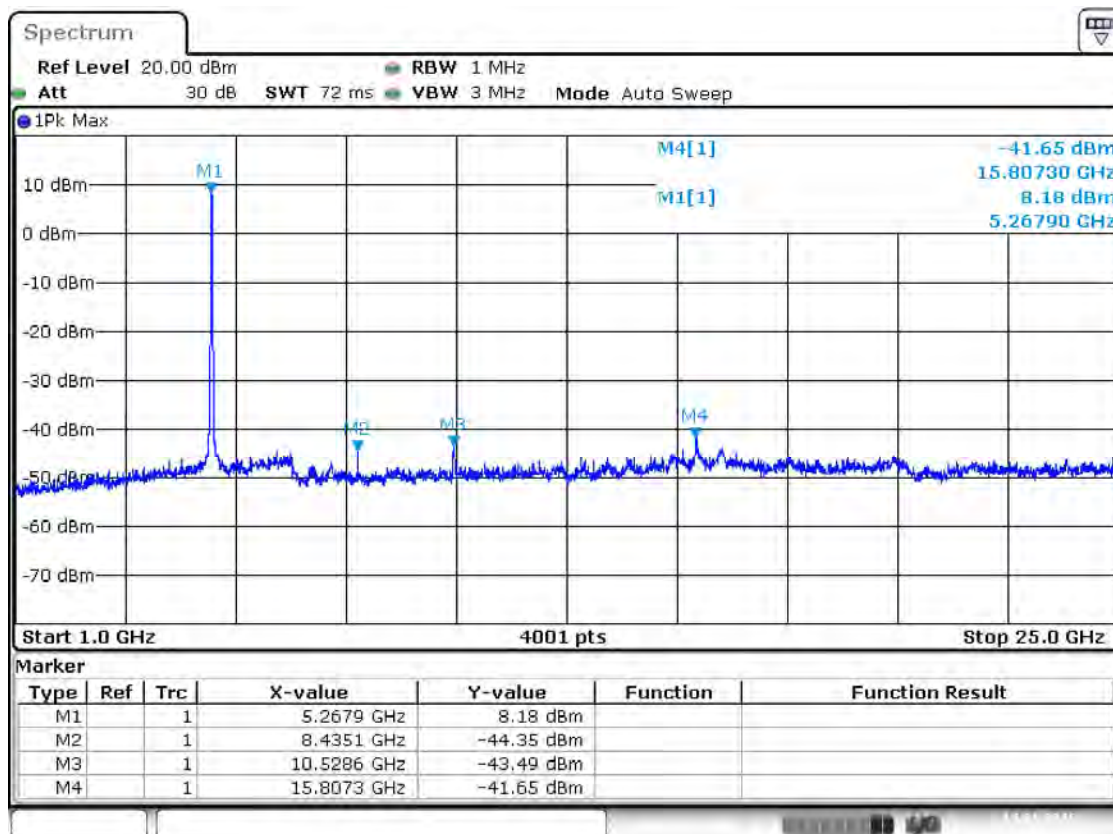
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
10528.6	-43.49	0	3	2	PK	53.77	85.44	31.67	Note 2	Pass
	-68.34		3	2	AV	28.92	65.44	36.52	--	Pass
15807.3	-41.65	0	3	2	PK	55.61	74.00	18.39	--	Pass
	-66.50		3	2	AV	30.76	54.00	23.24	--	Pass
5267.9	8.18	0	3	2	PK	105.44	N/A	N/A	Note 1	N/A
	-16.67		3	2	AV	80.59	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:51:25

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 1.02 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.

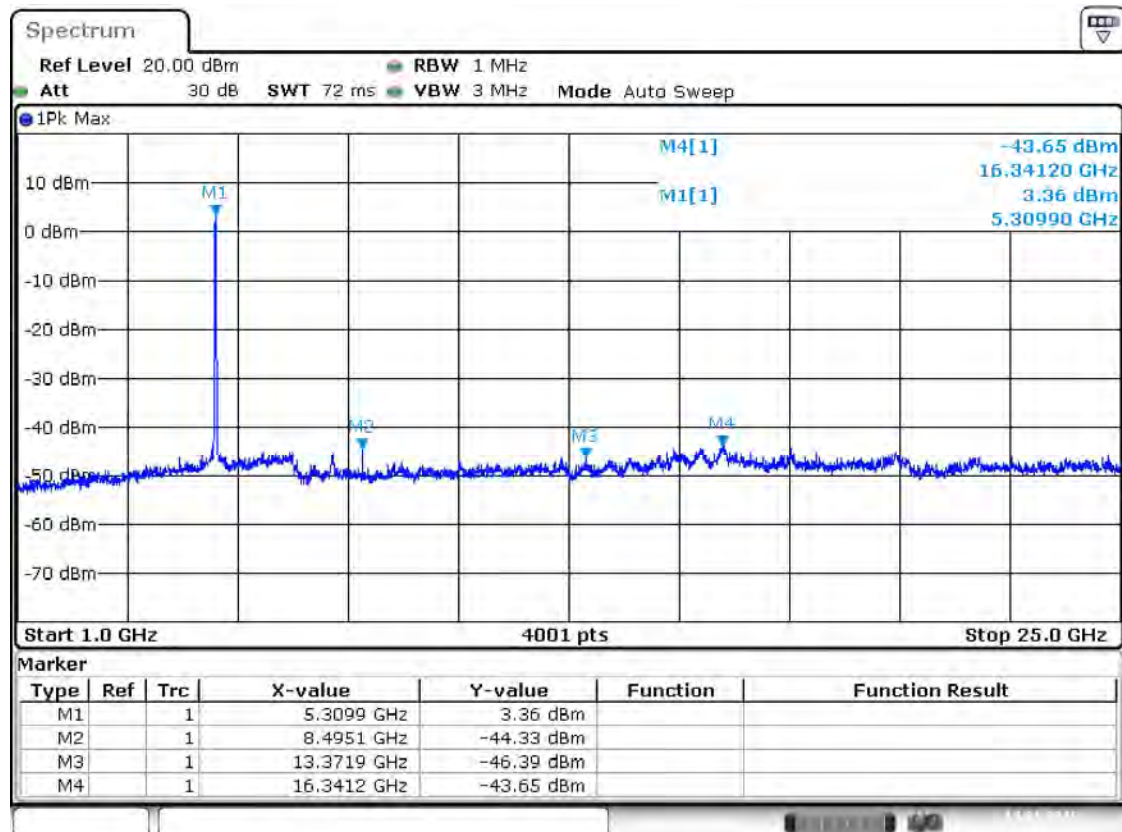
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band II 11ac(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
8495.1	-44.33	0	3	2	PK	52.93	74.00	21.07	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
16341.2	-43.65	0	3	2	PK	53.61	80.62	27.01	Note 2	Pass
	-68.50		3	2	AV	28.76	60.62	31.86	--	Pass
5309.9	3.36	0	3	2	PK	100.62	N/A	N/A	Note 1	N/A
	-21.49		3	2	AV	75.77	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:52:05

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 -1.72 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.

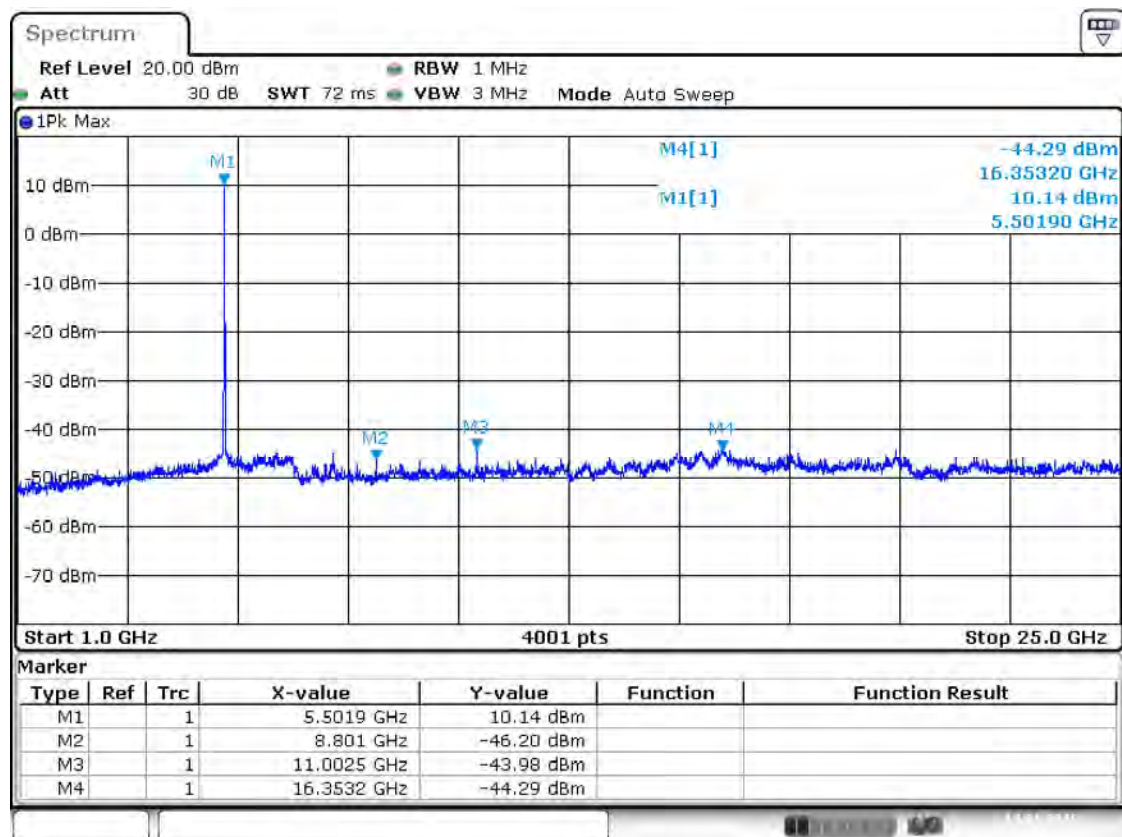
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
11002.5	-43.98	0	3	2	PK	53.28	74.00	20.72	--	Pass
	-68.83		3	2	AV	28.43	54.00	25.57	--	Pass
16353.2	-44.29	0	3	2	PK	52.97	87.40	34.43	Note 2	Pass
	-69.14		3	2	AV	28.12	67.40	39.28	--	Pass
5501.9	10.14	0	3	2	PK	107.40	N/A	N/A	Note 1	N/A
	-14.71		3	2	AV	82.55	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:32:34

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 -1.72 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.

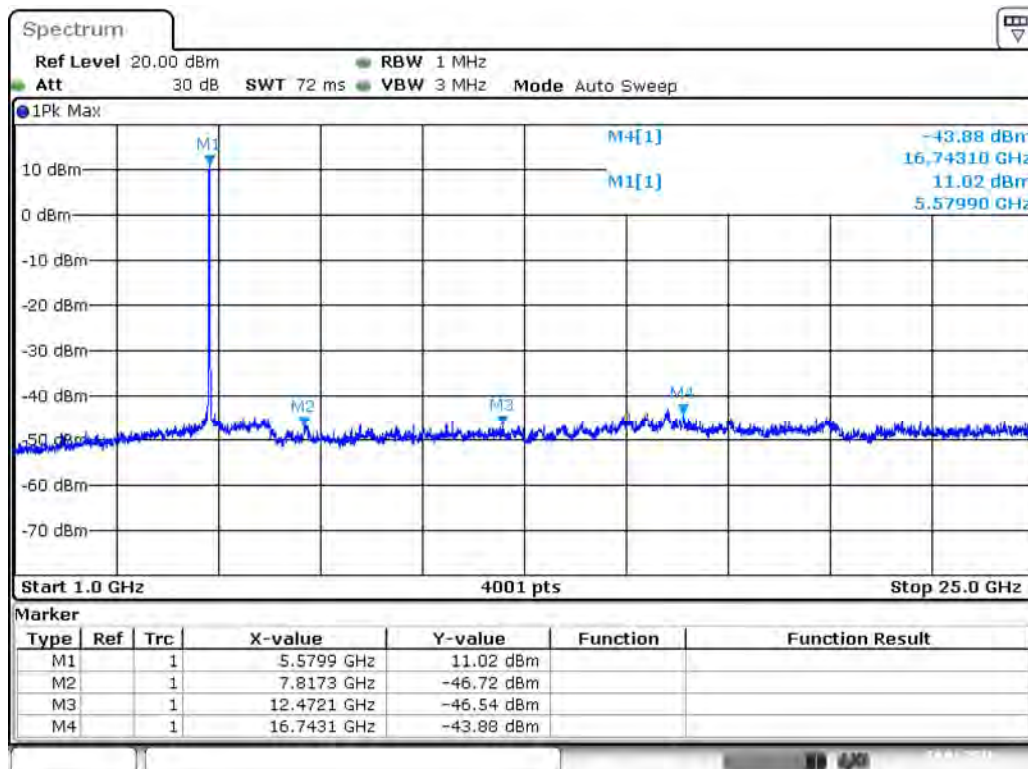
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a 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
12472.1	-46.54	0	3	2	PK	50.72	74.00	23.28	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
16743.1	-43.88	0	3	2	PK	53.38	88.28	34.90	Note 2	Pass
	-68.73		3	2	AV	28.53	68.28	39.75	--	Pass
5579.9	11.02	0	3	2	PK	108.28	N/A	N/A	Note 1	N/A
	-13.83		3	2	AV	83.43	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:45:45

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 -1.72 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.

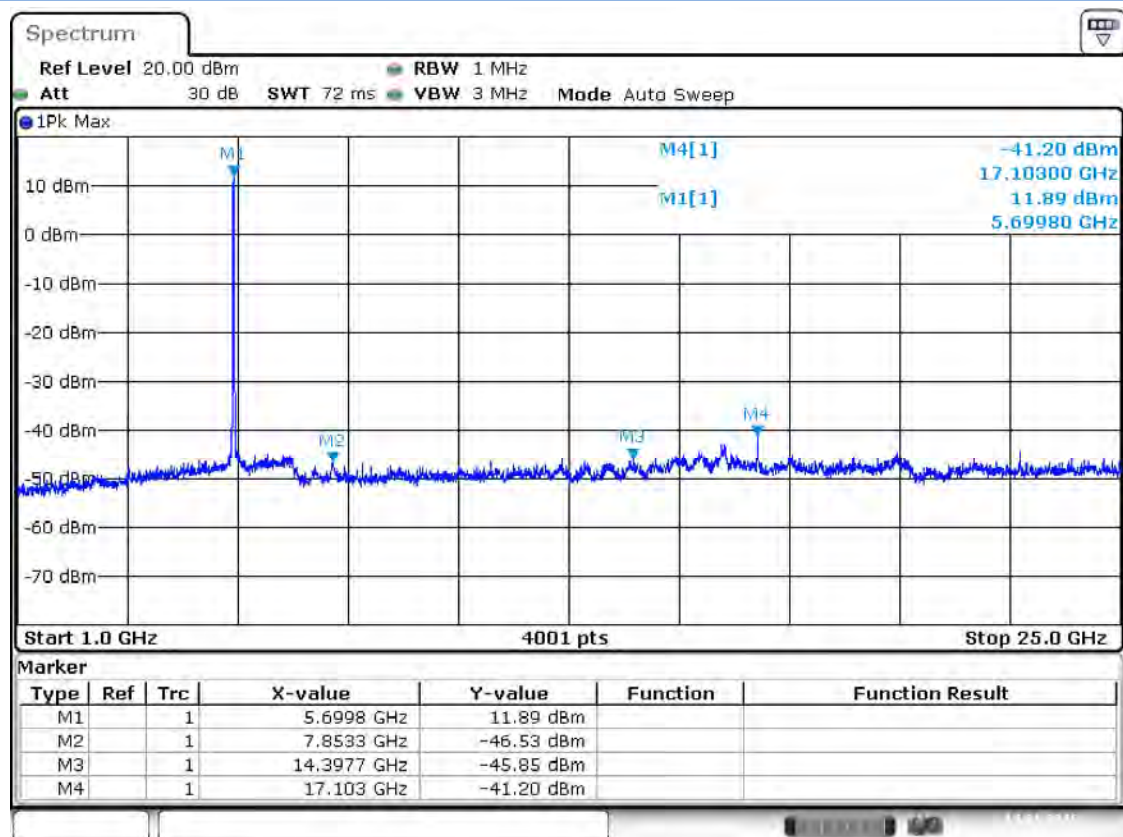
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11a 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
14397.7	-45.85	0	3	2	PK	51.41	89.15	37.74	Note 2	Pass
	N/A		3	2	AV	N/A	69.15	N/A	Note 3	Pass
17103	-41.2	0	3	2	PK	56.06	89.15	33.09	Note 2	Pass
	-66.05		3	2	AV	31.21	69.15	37.94	--	Pass
5699.8	11.89	0	3	2	PK	109.15	N/A	N/A	Note 1	N/A
	-12.96		3	2	AV	84.30	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:46:25

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 -1.72 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.

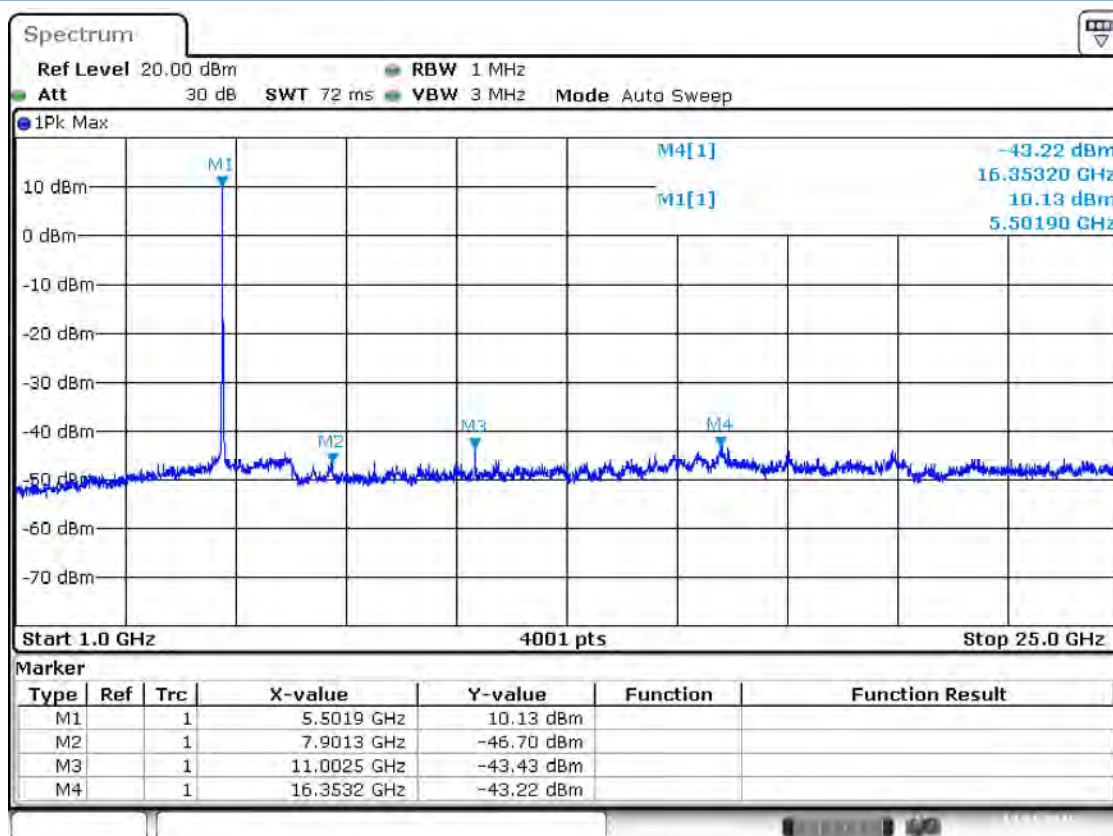
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
11002.5	-43.43	0	3	2	PK	53.83	74.00	20.17	--	Pass
	-68.28		3	2	AV	28.98	54.00	25.02	--	Pass
16353.2	-43.22	0	3	2	PK	54.04	87.39	33.35	Note 2	Pass
	-68.07		3	2	AV	29.19	67.39	38.20	--	Pass
5501.9	10.13	0	3	2	PK	107.39	N/A	N/A	Note 1	N/A
	-14.72		3	2	AV	82.54	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:15:33

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 -1.72 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.

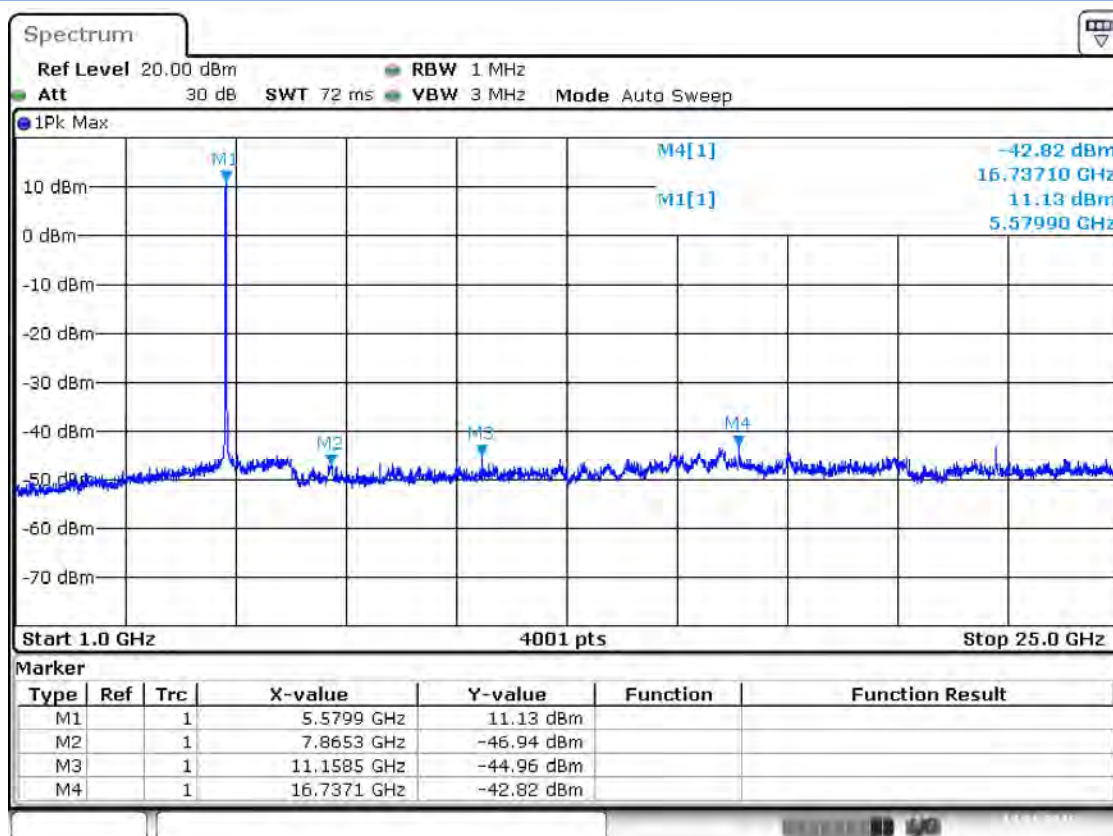
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
11158.5	-44.96	0	3	2	PK	52.30	74.00	21.70	--	Pass
	-69.81		3	2	AV	27.45	54.00	26.55	--	Pass
16737.1	-42.82	0	3	2	PK	54.44	88.39	33.95	Note 2	Pass
	-67.67		3	2	AV	29.59	68.39	38.80	--	Pass
5579.9	11.13	0	3	2	PK	108.39	N/A	N/A	Note 1	N/A
	-13.72		3	2	AV	83.54	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:16:20

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 -1.72 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.

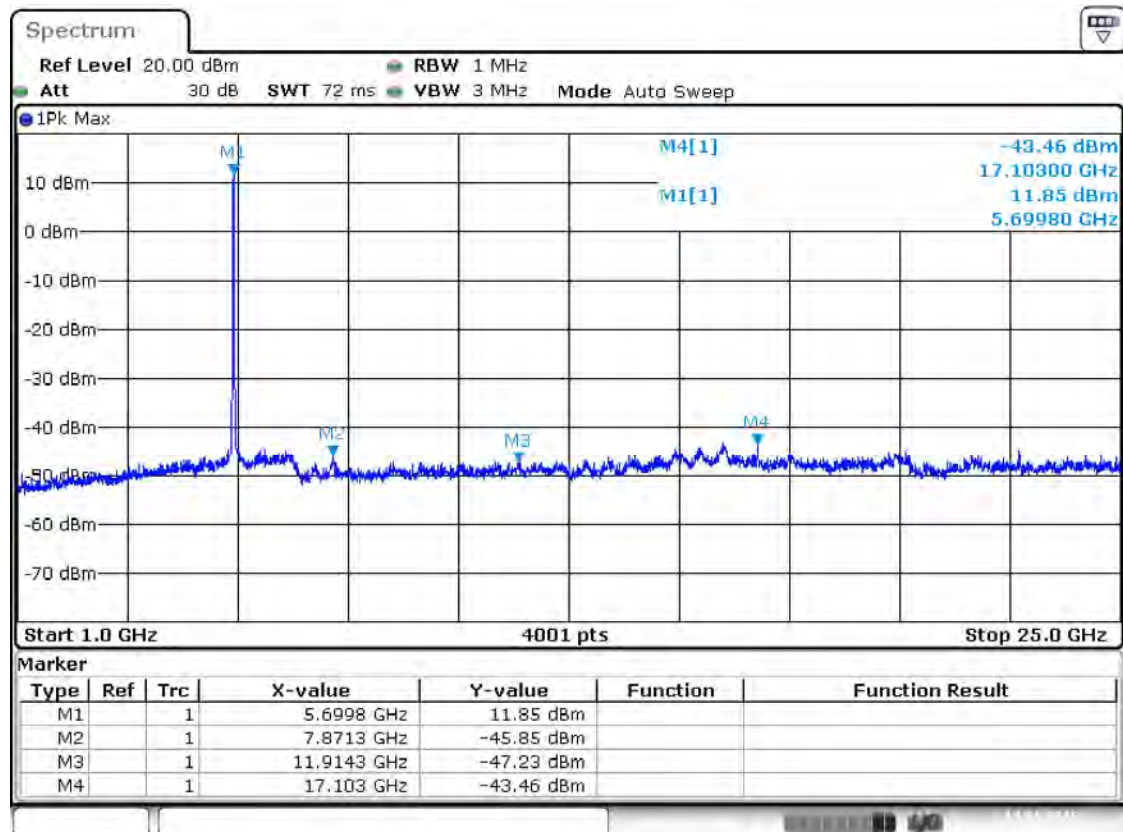
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT20) 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
7871.3	-45.85	0	3	2	PK	51.41	88.84	37.43	Note 2	Pass
	N/A		3	2	AV	N/A	68.84	N/A	Note 3	Pass
17103	-43.46	0	3	2	PK	53.80	88.84	35.04	Note 2	Pass
	-68.31		3	2	AV	28.95	68.84	39.89	--	Pass
5699.8	11.58	0	3	2	PK	108.84	N/A	N/A	Note 1	N/A
	-13.27		3	2	AV	83.99	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 19:17:17

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 -1.72 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.

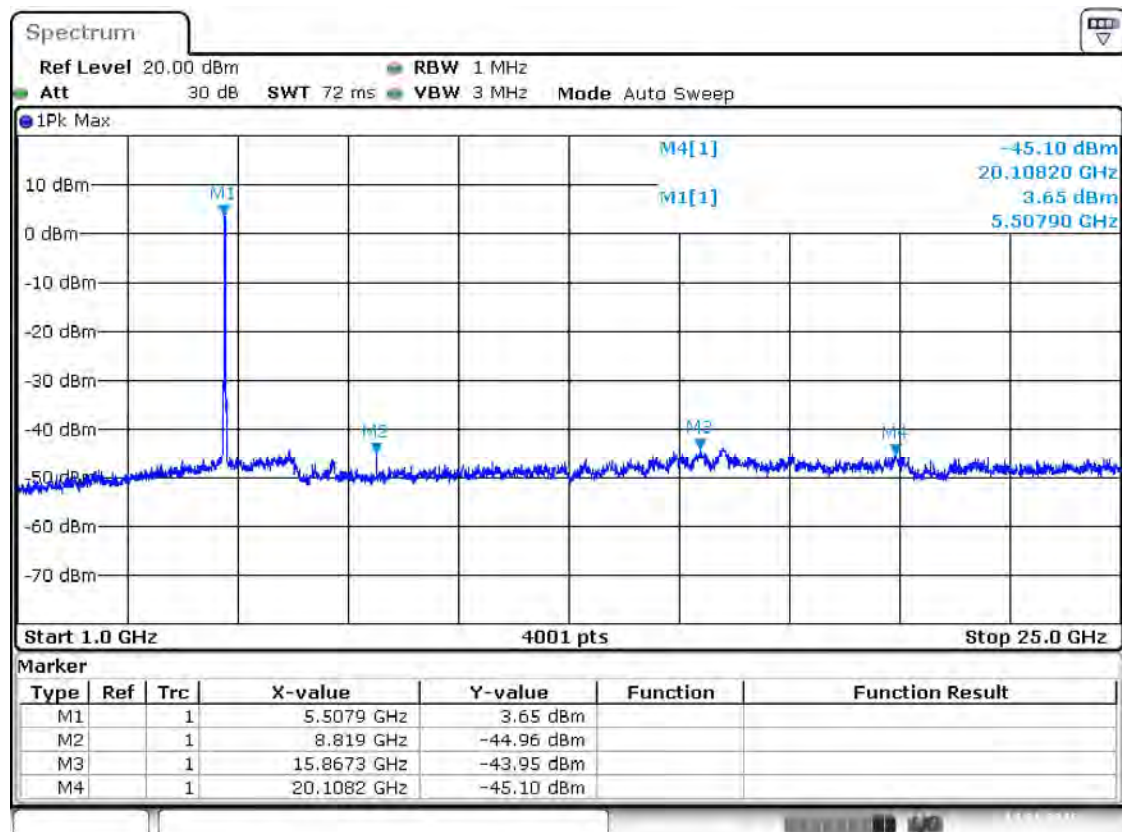
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11n(HT40) 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
8819	-44.96	0	3	2	PK	52.30	80.91	28.61	Note 2	Pass
	N/A		3	2	AV	N/A	60.91	N/A	Note 3	Pass
15867.3	-43.95	0	3	2	PK	53.31	74.00	20.69	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5507.9	3.65	0	3	2	PK	100.91	N/A	N/A	Note 1	N/A
	-21.20		3	2	AV	76.06	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:24:48

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 -1.72 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.

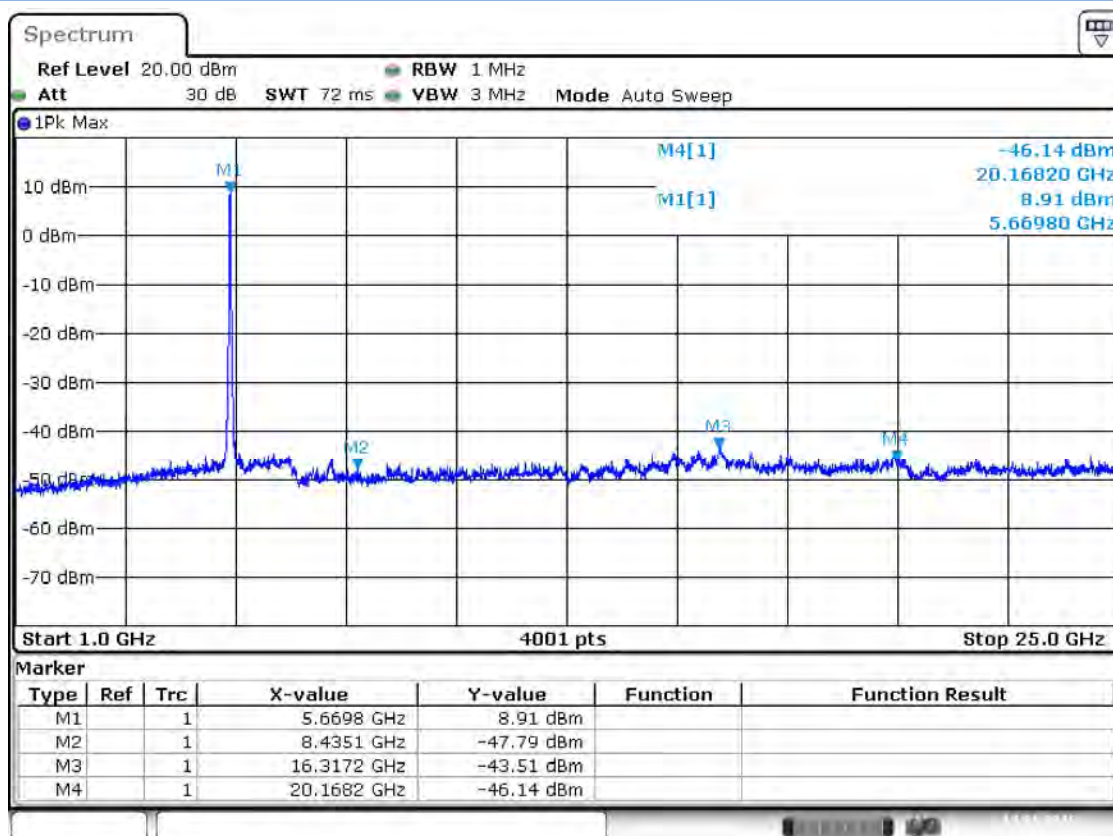
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
16317.2	-43.51	0	3	2	PK	53.75	86.17	32.42	Note 2	Pass
	N/A		3	2	AV	N/A	66.17	N/A	Note 3	Pass
20168.2	-46.14	0	3	2	PK	51.12	74.00	22.88	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5669.8	8.91	0	3	2	PK	106.17	N/A	N/A	Note 1	N/A
	-15.94		3	2	AV	81.32	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 19:26:11

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 -1.72 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.

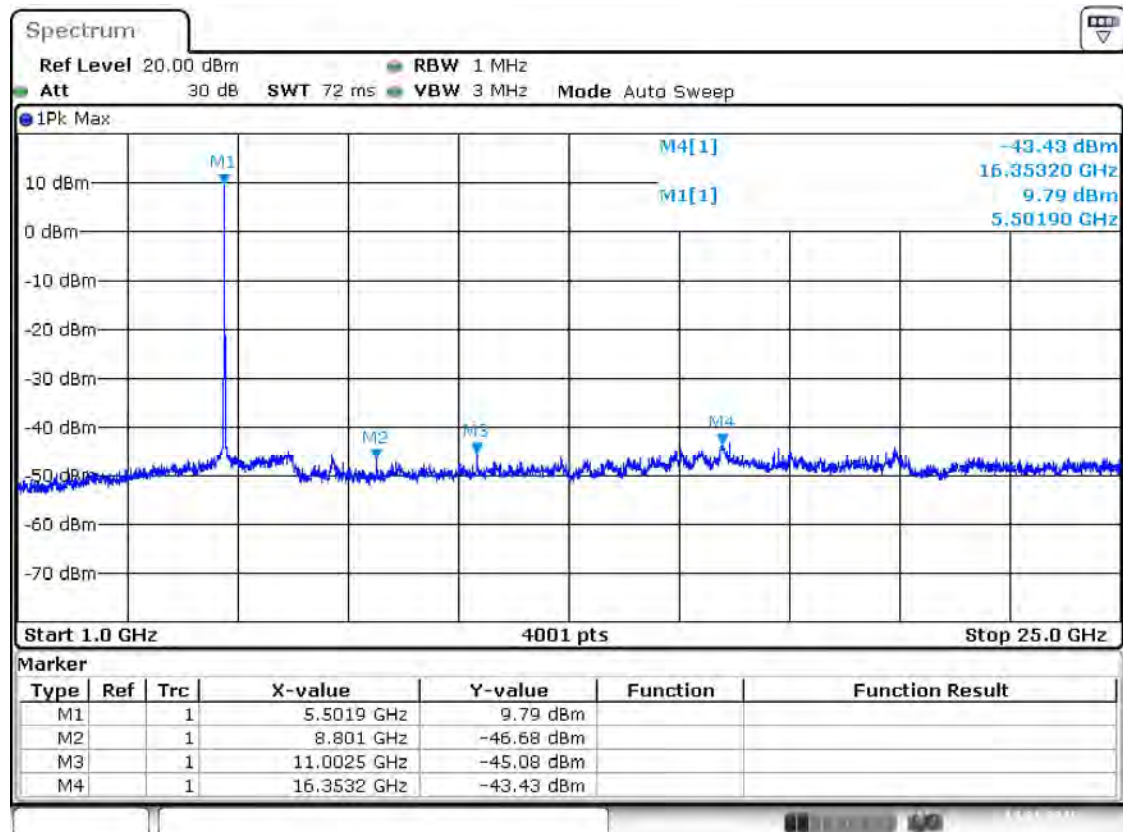
Note 4: The harmonic (4th, 5th, 6th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
11002.5	-45.08	0	3	2	PK	52.18	74.00	21.82	--	Pass
	-69.93		3	2	AV	27.33	54.00	26.67	--	Pass
16353.2	-43.43	0	3	2	PK	53.83	87.05	33.22	Note 2	Pass
	-68.28		3	2	AV	28.98	67.05	38.07	--	Pass
5501.9	9.79	0	3	2	PK	107.05	N/A	N/A	Note 1	N/A
	-15.06		3	2	AV	82.20	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:44:54

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 -1.72 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.

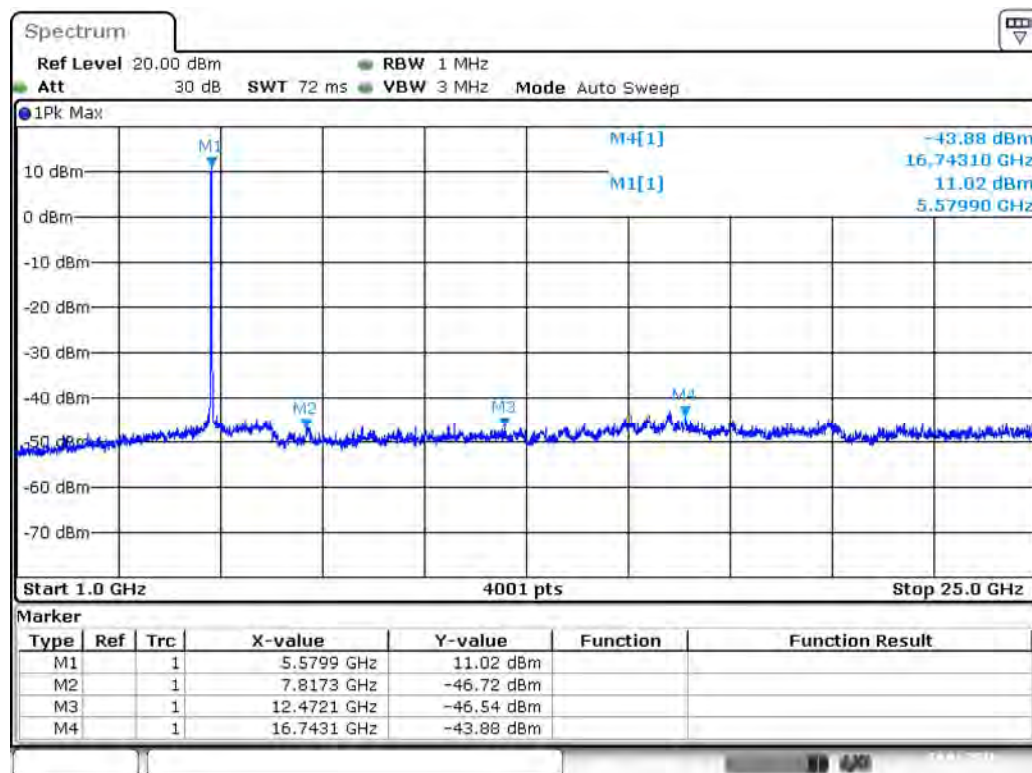
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) 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
12472.1	-46.54	0	3	2	PK	50.72	74.00	23.28	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
16743.1	-43.88	0	3	2	PK	53.38	88.28	34.90	Note 2	Pass
	-68.73		3	2	AV	28.53	68.28	39.75	--	Pass
5579.9	11.02	0	3	2	PK	108.28	N/A	N/A	Note 1	N/A
	-13.83		3	2	AV	83.43	N/A	N/A		N/A

Test Plots

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



Date: 14. JAN. 2016 16:45:45

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 -1.72 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.

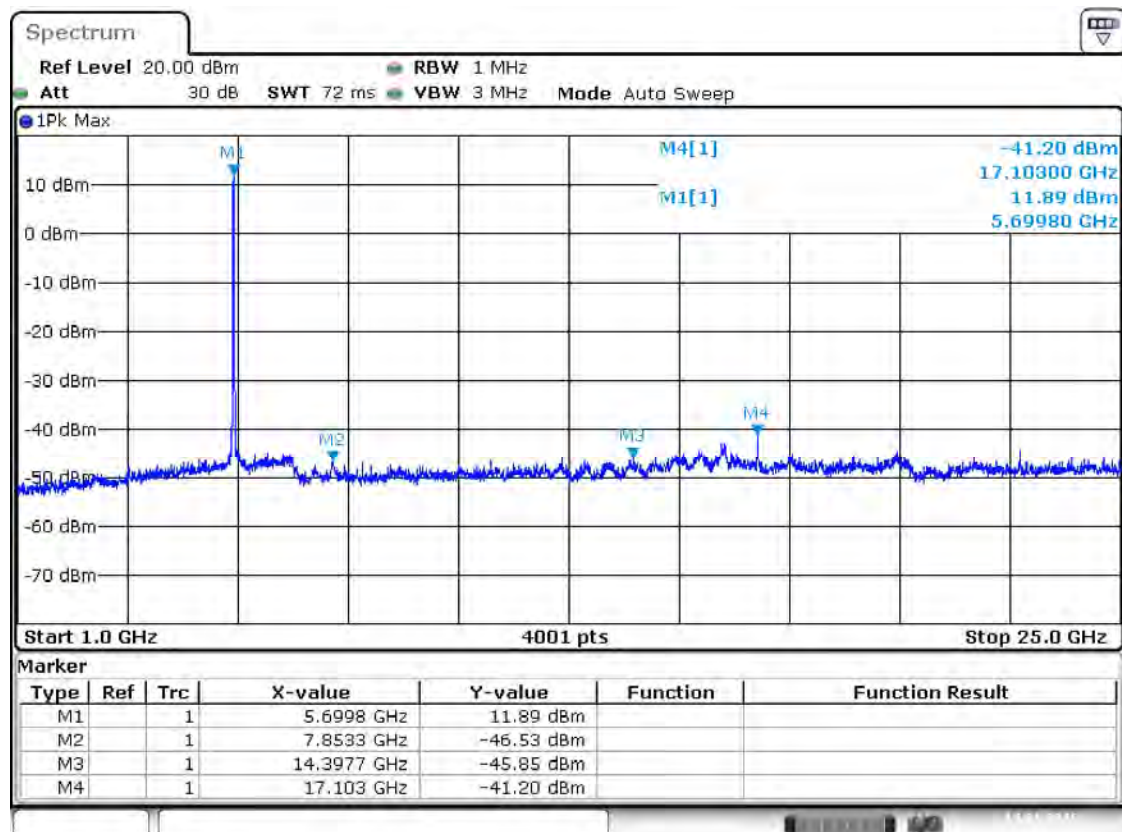
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT20) 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
14397.7	-45.85	0	3	2	PK	51.41	89.15	37.74	Note 2	Pass
	N/A		3	2	AV	N/A	69.15	N/A	Note 3	Pass
17103	-45.85	0	3	2	PK	51.41	89.15	37.74	Note 2	Pass
	-70.70		3	2	AV	26.56	69.15	42.59	--	Pass
5699.8	11.89	0	3	2	PK	109.15	N/A	N/A	Note 1	N/A
	-12.96		3	2	AV	84.30	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:46:25

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 -1.72 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.

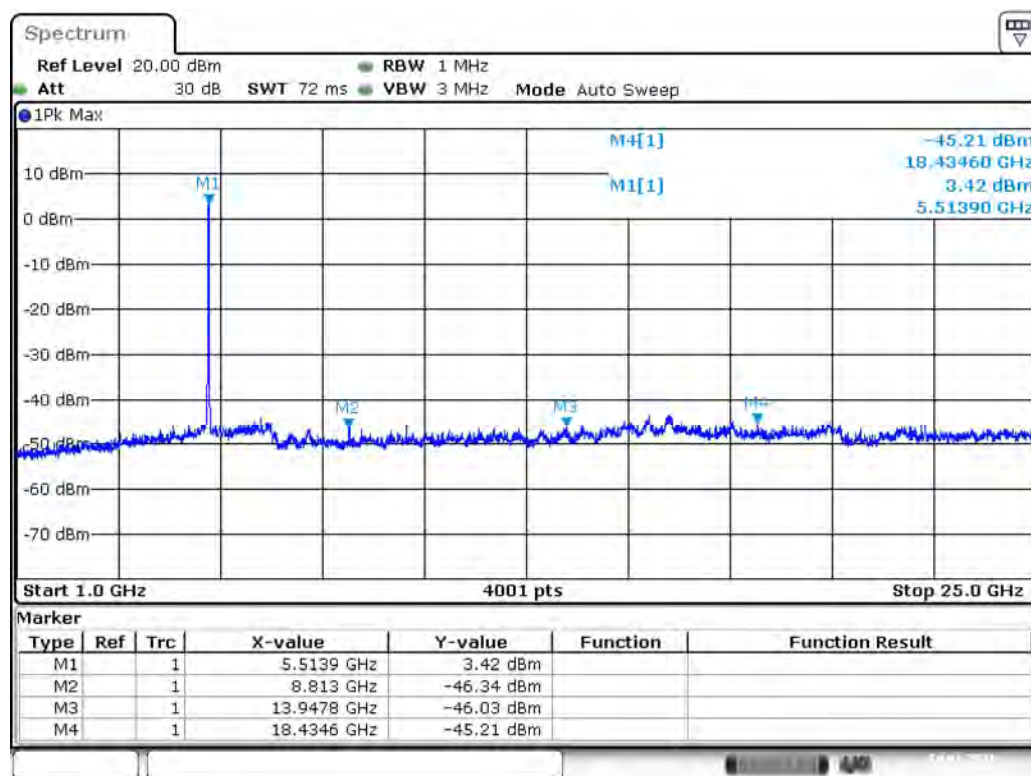
Note 4: The harmonic (2th, 3th, 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band III 11ac(HT40) 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
13947.8	-46.03	0	3	2	PK	51.23	80.68	29.45	Note 2	Pass
	N/A		3	2	AV	N/A	60.68	N/A	Note 3	Pass
18434.6	-45.21	0	3	2	PK	52.05	74.00	21.95	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5513.9	3.42	0	3	2	PK	100.68	N/A	N/A	Note 1	N/A
	-21.43		3	2	AV	75.83	N/A	N/A		N/A

Test Plots

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



Date: 14. JAN. 2016 16:53:05

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 -1.72 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.

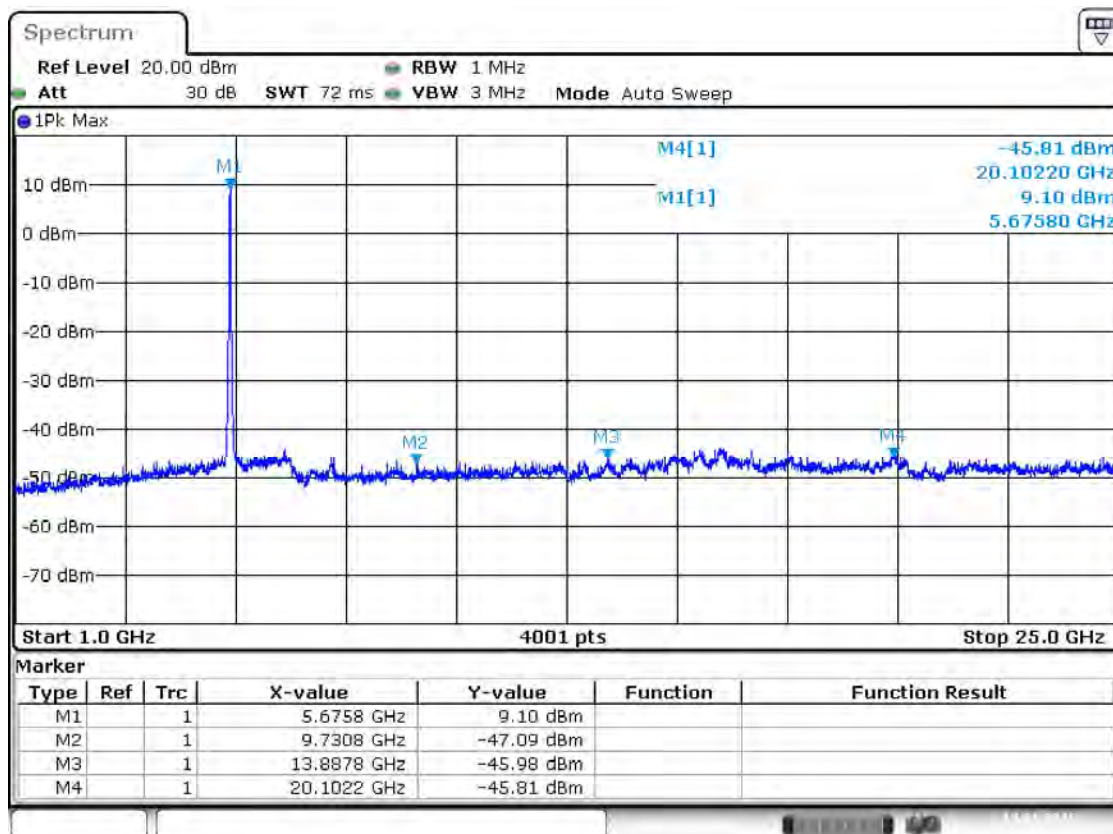
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
13887.8	-45.98	0	3	2	PK	51.28	86.36	35.08	Note 2	Pass
	N/A		3	2	AV	N/A	66.36	N/A	Note 3	Pass
20102.2	-45.81	0	3	2	PK	51.45	74.00	22.55	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5675.8	9.1	0	3	2	PK	106.36	N/A	N/A	Note 1	N/A
	-15.75		3	2	AV	81.51	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:53:46

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 0.86 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.

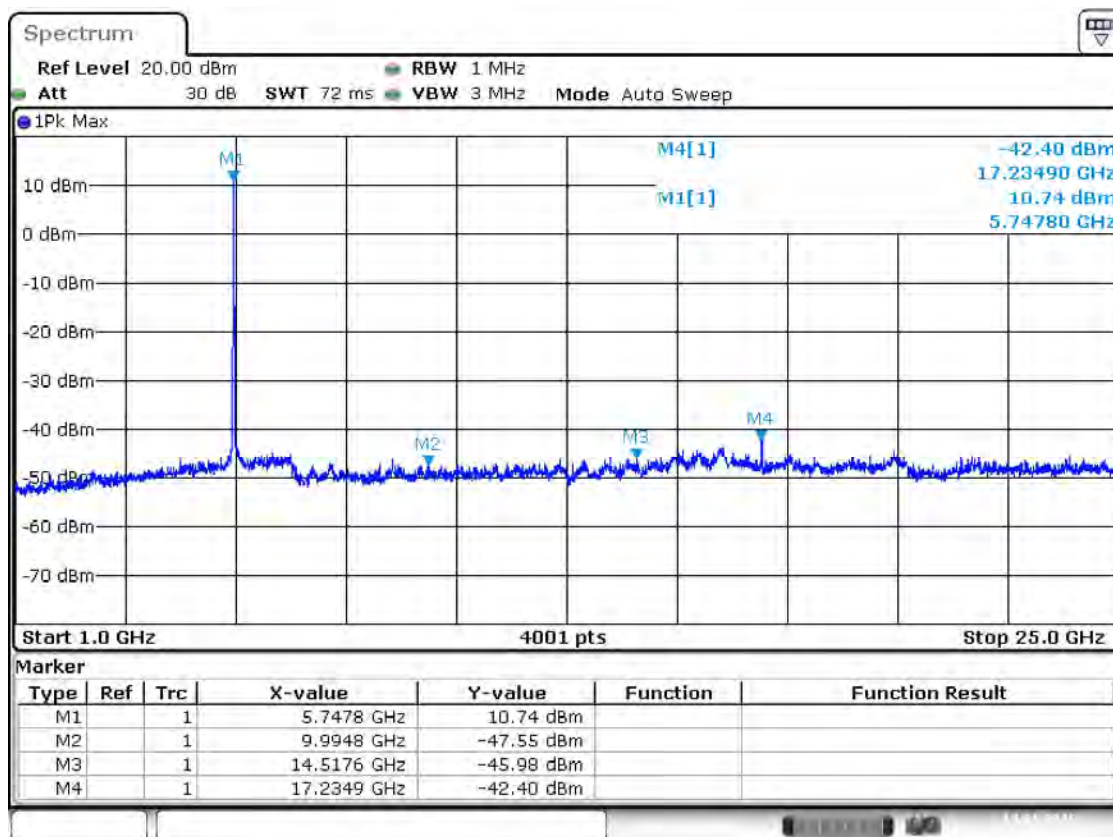
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
15517.6	-45.98	0	3	2	PK	51.28	74.00	22.72	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
17234.9	-42.4	0	3	2	PK	54.86	88.00	33.14	Note 2	Pass
	-67.25		3	2	AV	30.01	68.00	37.99	--	Pass
5747.8	10.74	0	3	2	PK	108.00	N/A	N/A	Note 1	N/A
	-14.11		3	2	AV	83.15	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:47:17

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 0.86 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.

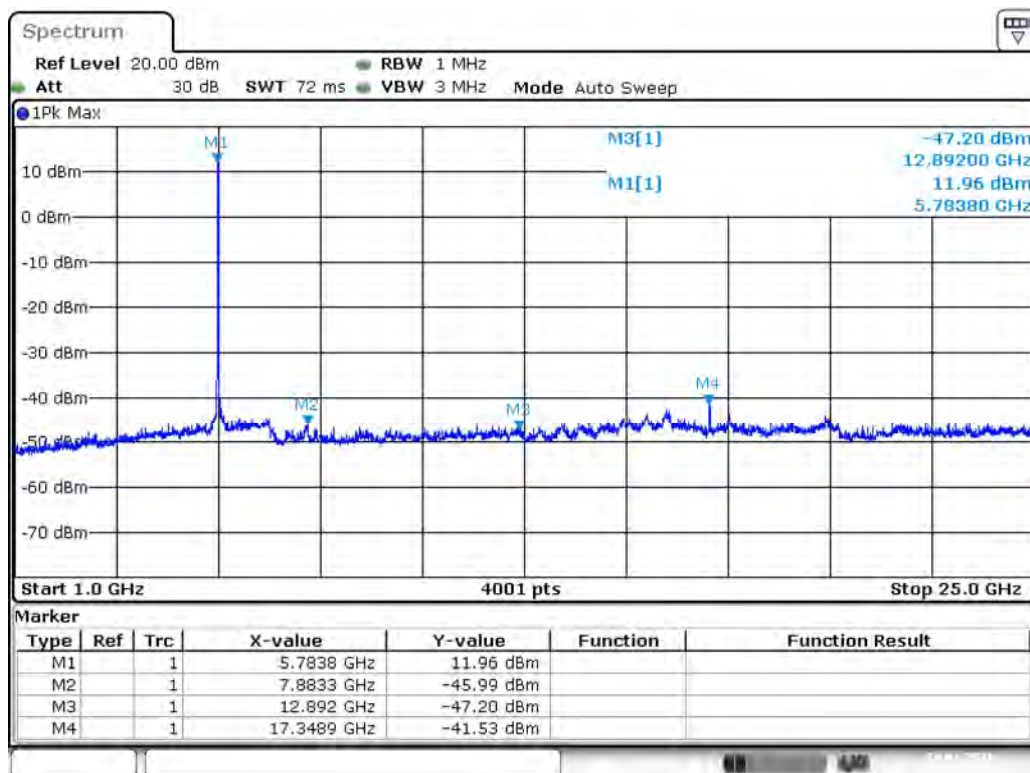
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a 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
7883.3	-45.99	0	3	2	PK	51.27	89.22	37.95	Note 2	Pass
	N/A		3	2	AV	N/A	69.22	N/A	Note 3	Pass
17348.9	-41.53	0	3	2	PK	55.73	89.22	33.49	Note 2	Pass
	-66.38		3	2	AV	30.88	69.22	38.34	--	Pass
5783.8	11.96	0	3	2	PK	109.22	N/A	N/A	Note 1	N/A
	-12.89		3	2	AV	84.37	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 16:38:42

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 0.86 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.

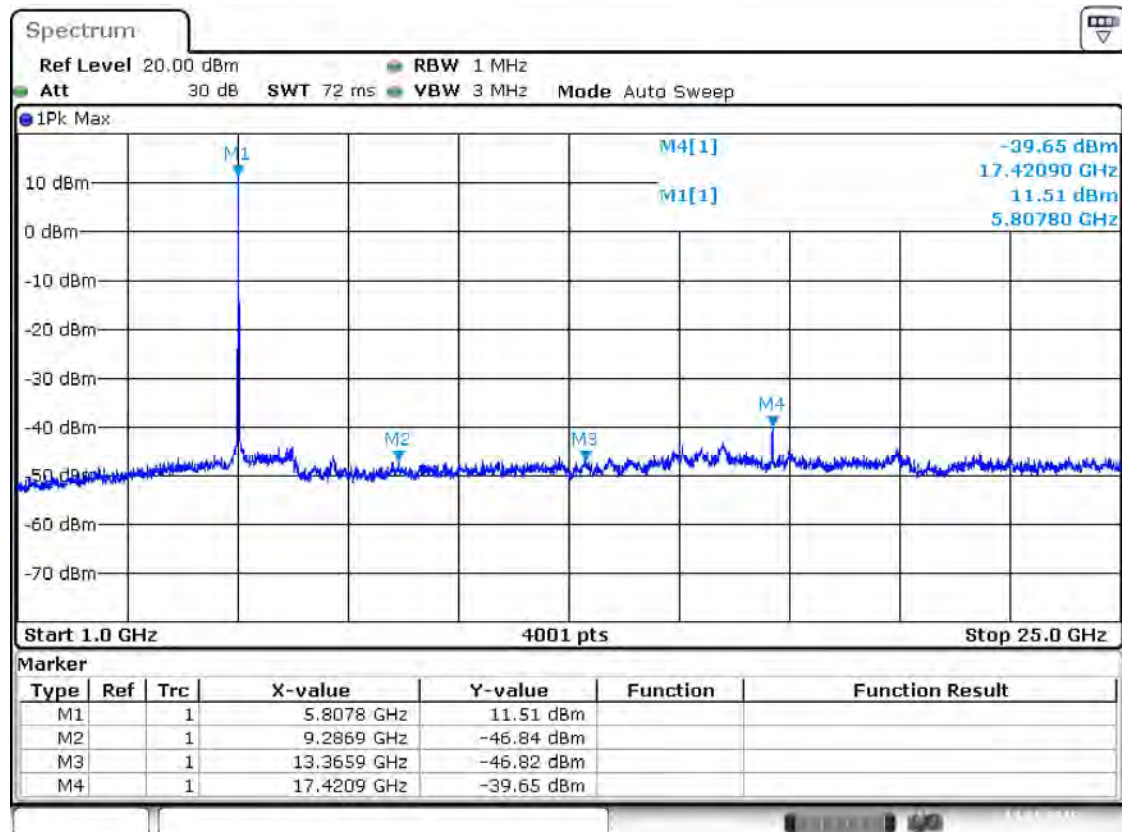
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11a 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
13365.9	-46.82	0	3	2	PK	50.44	74.00	23.56	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
17420.9	-39.65	0	3	2	PK	57.61	88.77	31.16	Note 2	Pass
	-64.50		3	2	AV	32.76	68.77	36.01	--	Pass
5807.8	11.51	0	3	2	PK	108.77	N/A	N/A	Note 1	N/A
	-13.34		3	2	AV	83.92	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:39:45

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 0.86 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.

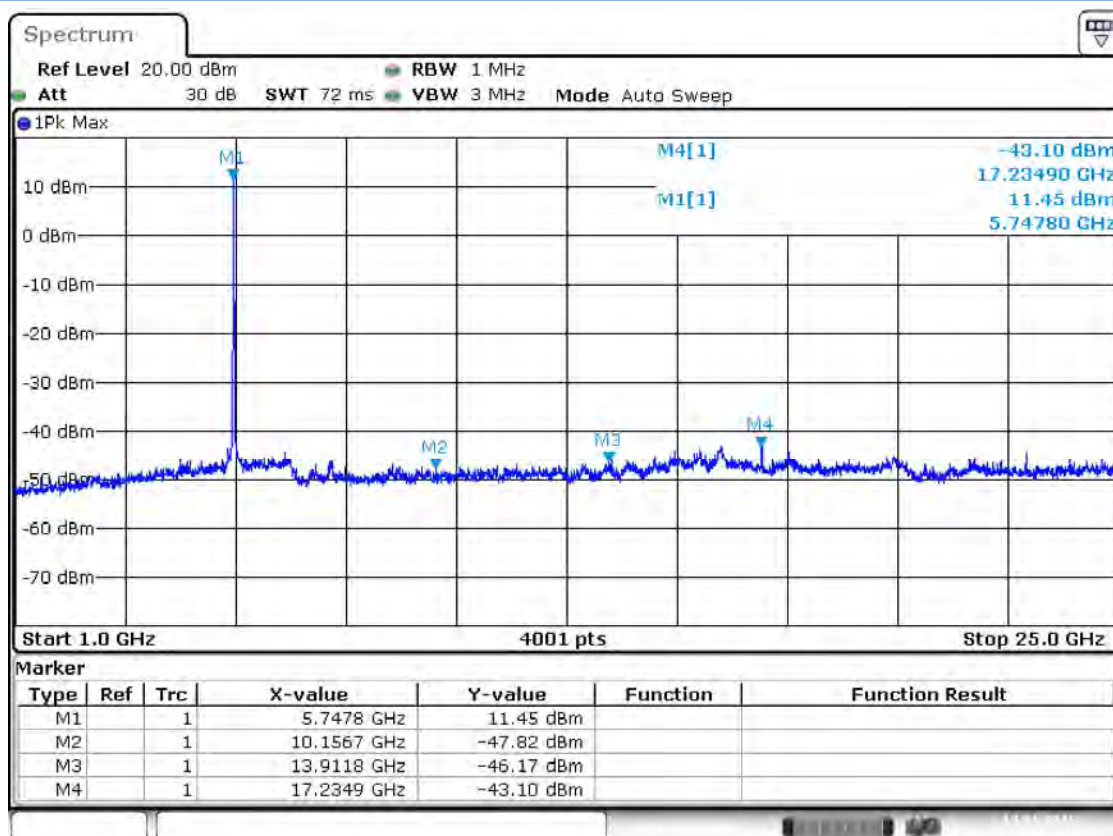
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 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
13911.8	-46.17	0	3	2	PK	51.09	88.71	37.62	Note 2	Pass
	N/A		3	2	AV	N/A	68.71	N/A	Note 3	Pass
17234.9	-43.1	0	3	2	PK	54.16	88.71	34.55	Note 2	Pass
	-67.95		3	2	AV	29.31	68.71	39.40	--	Pass
5747.8	11.45	0	3	2	PK	108.71	N/A	N/A	Note 1	N/A
	-13.40		3	2	AV	83.86	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:18:05

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 0.86 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.

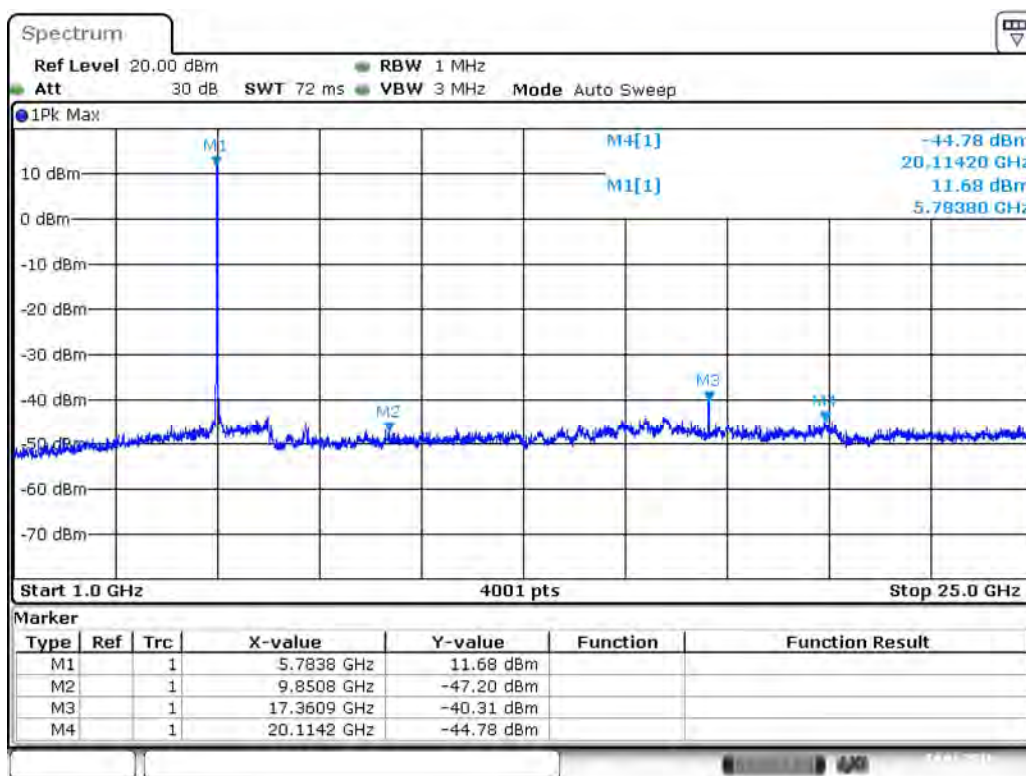
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 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
17360.9	-40.13	0	3	2	PK	57.13	88.94	31.81	Note 2	Pass
	-64.98		3	2	AV	32.28	68.94	36.66	--	Pass
20114.2	-44.78	0	3	2	PK	52.48	74.00	21.52	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5783.8	11.68	0	3	2	PK	108.94	N/A	N/A	Note 1	N/A
	-13.17		3	2	AV	84.09	N/A	N/A		N/A

Test Plots

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



Date: 14. JAN. 2016 19:18:49

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 0.86dBi.

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.

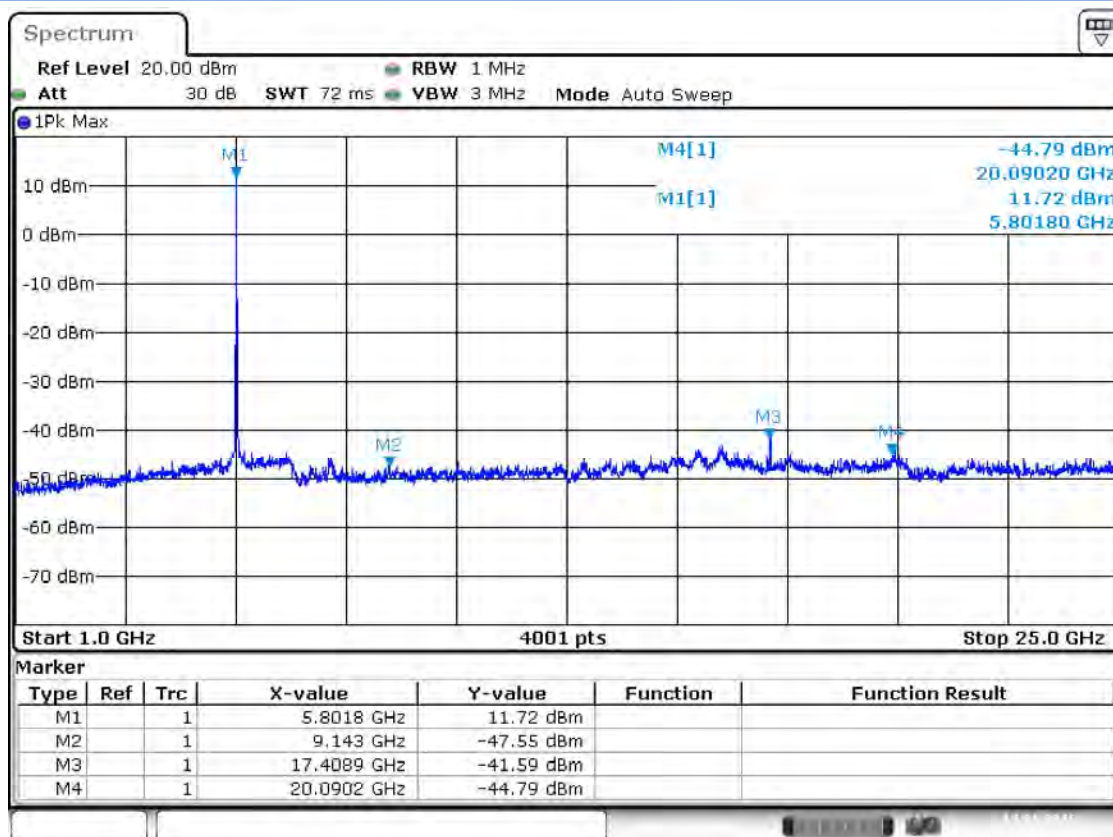
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 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
17408.9	-41.59	0	3	2	PK	55.67	88.98	33.31	Note 2	Pass
	-66.44		3	2	AV	30.82	68.98	38.16	--	Pass
20090.2	-44.79	0	3	2	PK	52.47	74.00	21.53	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5801.8	11.72	0	3	2	PK	108.98	N/A	N/A	Note 1	N/A
	-13.13		3	2	AV	84.13	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 19:19:36

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 0.86 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.

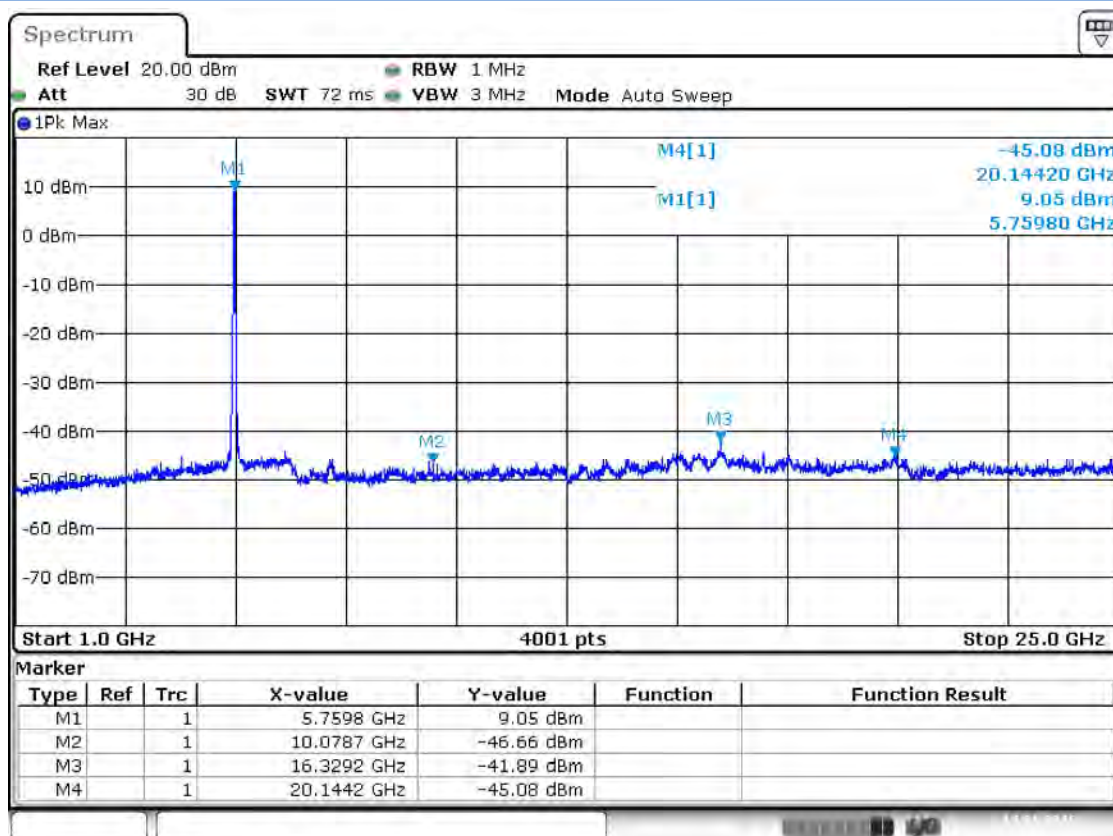
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
16329.2	-41.89	0	3	2	PK	55.37	86.31	30.94	Note 2	Pass
	N/A		3	2	AV	N/A	66.31	N/A	Note 3	Pass
20144.2	-45.08	0	3	2	PK	52.18	74.00	21.82	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5759.8	9.05	0	3	2	PK	106.31	N/A	N/A	Note 1	N/A
	-15.80		3	2	AV	81.46	N/A	N/A		N/A

Test Plots

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



Date: 14.JAN.2016 19:27:17

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 0.86 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.

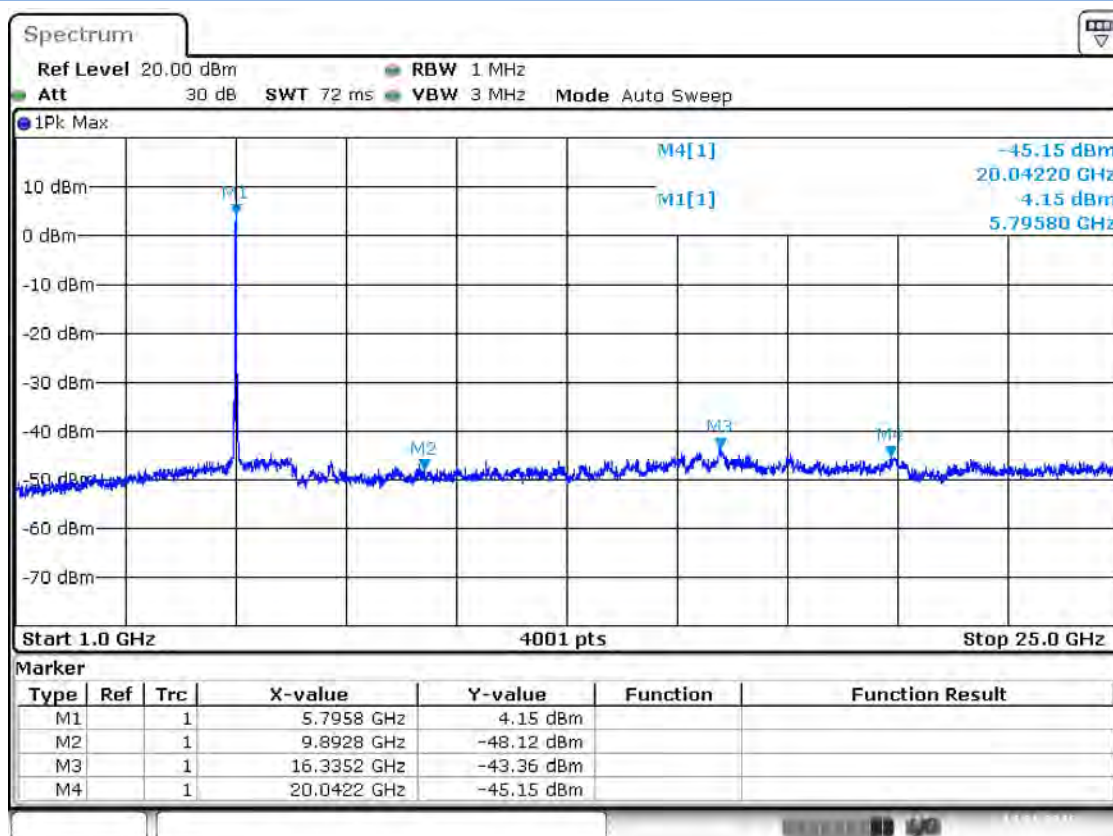
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
16335.2	-43.36	0	3	2	PK	53.90	81.41	27.51	Note 2	Pass
	N/A		3	2	AV	N/A	61.41	N/A	Note 3	Pass
20042.2	-45.15	0	3	2	PK	52.11	74.00	21.89	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5795.8	4.15	0	3	2	PK	101.41	N/A	N/A	Note 1	N/A
	-20.70		3	2	AV	76.56	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 19:28:07

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 0.86 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.

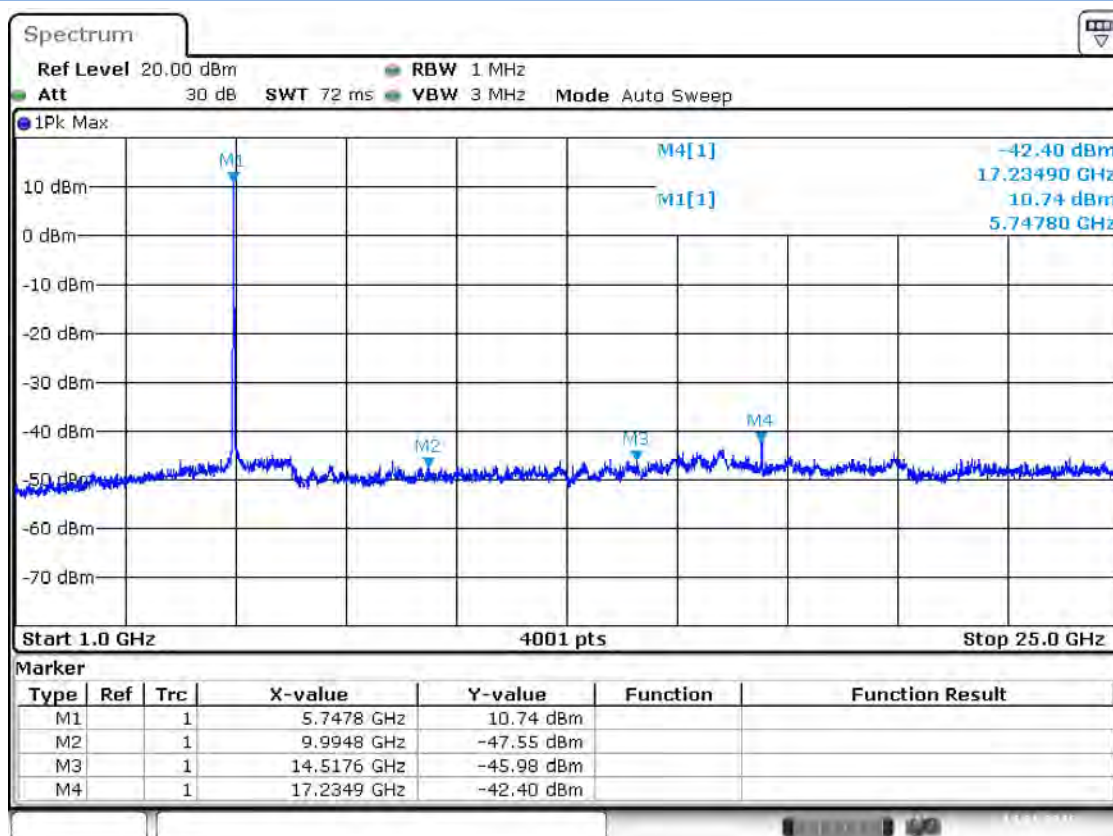
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) 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
14517.6	-45.98	0	3	2	PK	51.28	88.00	36.72	Note 2	Pass
	N/A		3	2	AV	N/A	68.00	N/A	Note 3	Pass
17234.9	-42.4	0	3	2	PK	54.86	88.00	33.14	Note 2	Pass
	-67.25		3	2	AV	30.01	68.00	37.99	--	Pass
5747.8	10.74	0	3	2	PK	108.00	N/A	N/A	Note 1	N/A
	-14.11		3	2	AV	83.15	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:47:17

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 0.86 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.

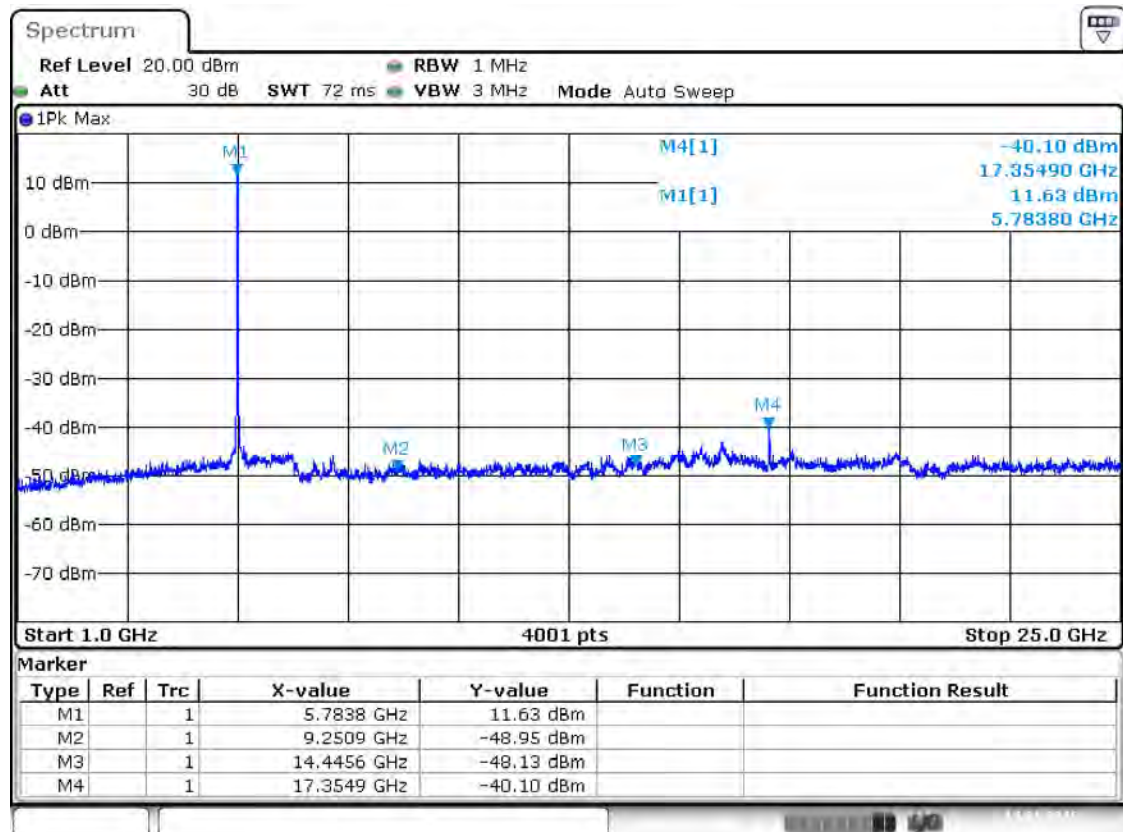
Note 4: The harmonic (3th, 4th, 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
14445.6	-48.13	0	3	2	PK	49.13	88.89	39.76	Note 2	Pass
	N/A		3	2	AV	N/A	68.89	N/A	Note 3	Pass
17354.9	-40.1	0	3	2	PK	57.16	88.89	31.73	Note 2	Pass
	-64.95		3	2	AV	32.31	68.89	36.58	--	Pass
5783.8	11.63	0	3	2	PK	108.89	N/A	N/A	Note 1	N/A
	-13.22		3	2	AV	84.04	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:48:03

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 0.86 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.

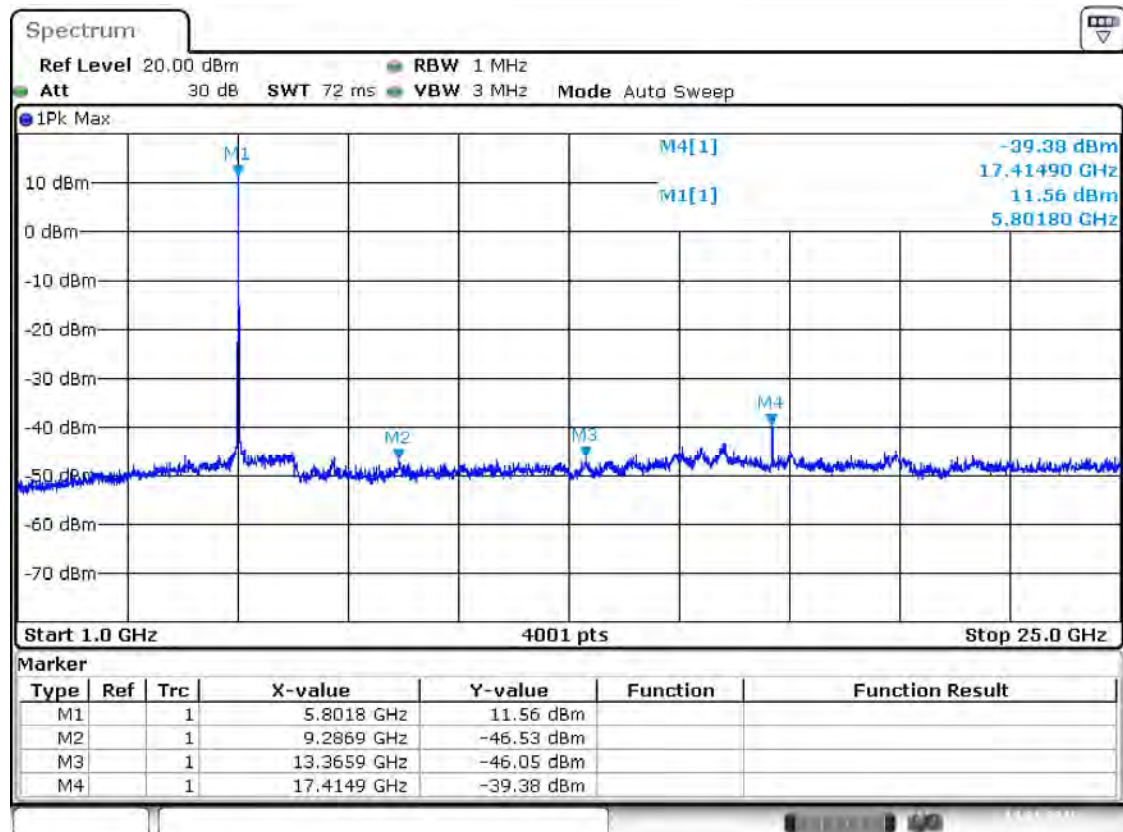
Note 4: The harmonic (3th ,4th , 5th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

Band IV 11ac(HT20) 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
13365.9	-46.05	0	3	2	PK	51.21	74.00	22.79	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
17414.9	-39.38	0	3	2	PK	57.88	88.82	30.94	Note 2	Pass
	-64.23		3	2	AV	33.03	68.82	35.79	--	Pass
5801.8	11.56	0	3	2	PK	108.82	N/A	N/A	Note 1	N/A
	-13.29		3	2	AV	83.97	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:48:43

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 0.86 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.

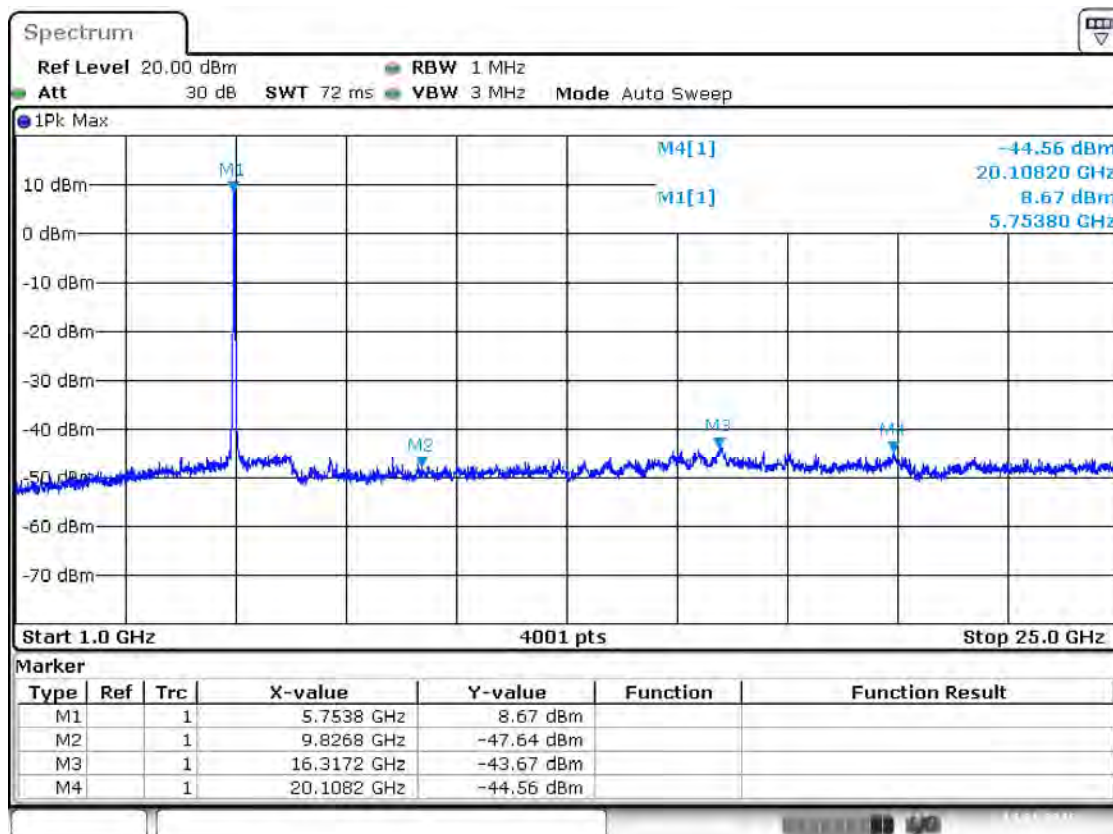
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
16317.2	-43.67	0	3	2	PK	53.59	85.93	32.34	Note 2	Pass
	N/A		3	2	AV	N/A	65.93	N/A	Note 3	Pass
20108.2	-44.56	0	3	2	PK	52.70	74.00	21.30	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5753.8	8.67	0	3	2	PK	105.93	N/A	N/A	Note 1	N/A
	-16.18		3	2	AV	81.08	N/A	N/A		N/A

Test Plots

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



Date: 14, JAN, 2016 16:54:38

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 0.86dBi.

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.

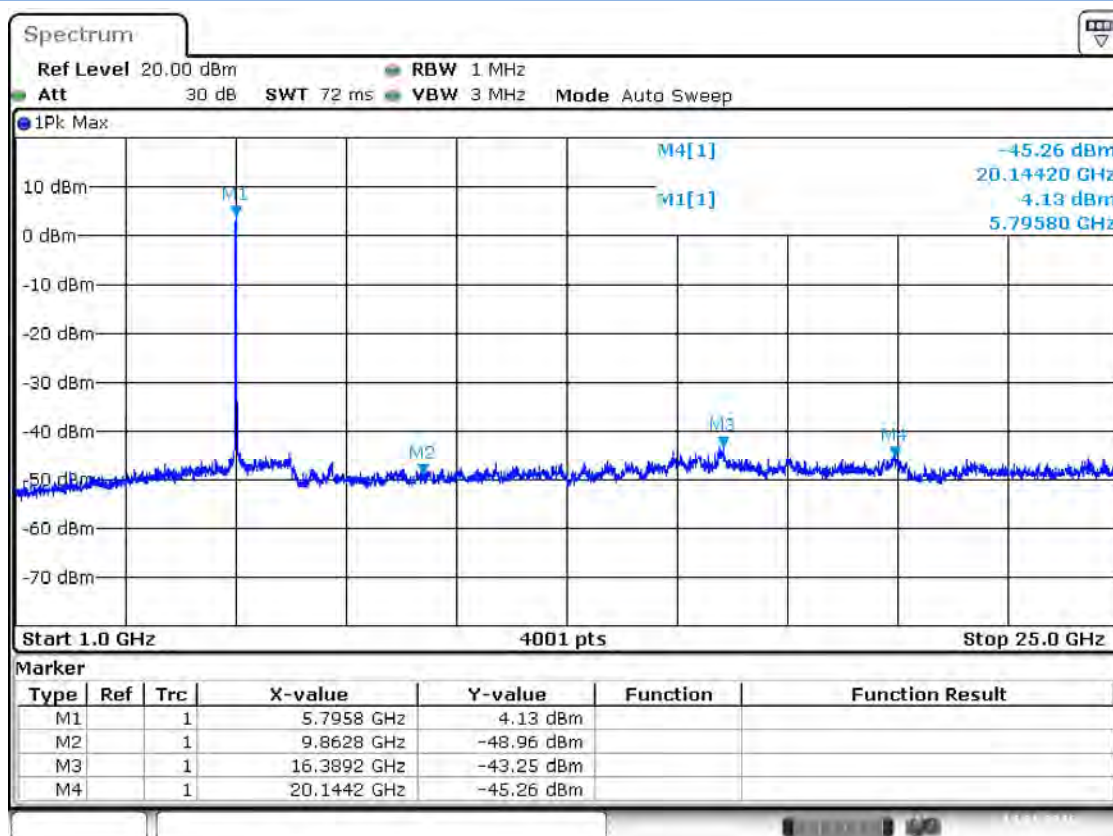
Note 4: The harmonic (2th ,3th , 4th,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise

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
16389.2	-43.25	0	3	2	PK	54.01	81.39	27.38	Note 2	Pass
	N/A		3	2	AV	N/A	61.39	N/A	Note 3	Pass
20144.2	-45.26	0	3	2	PK	52.00	74.00	22.00	--	Pass
	N/A		3	2	AV	N/A	54.00	N/A	Note 3	Pass
5795.8	4.13	0	3	2	PK	101.39	N/A	N/A	Note 1	N/A
	-20.72		3	2	AV	76.54	N/A	N/A		N/A

Test Plots

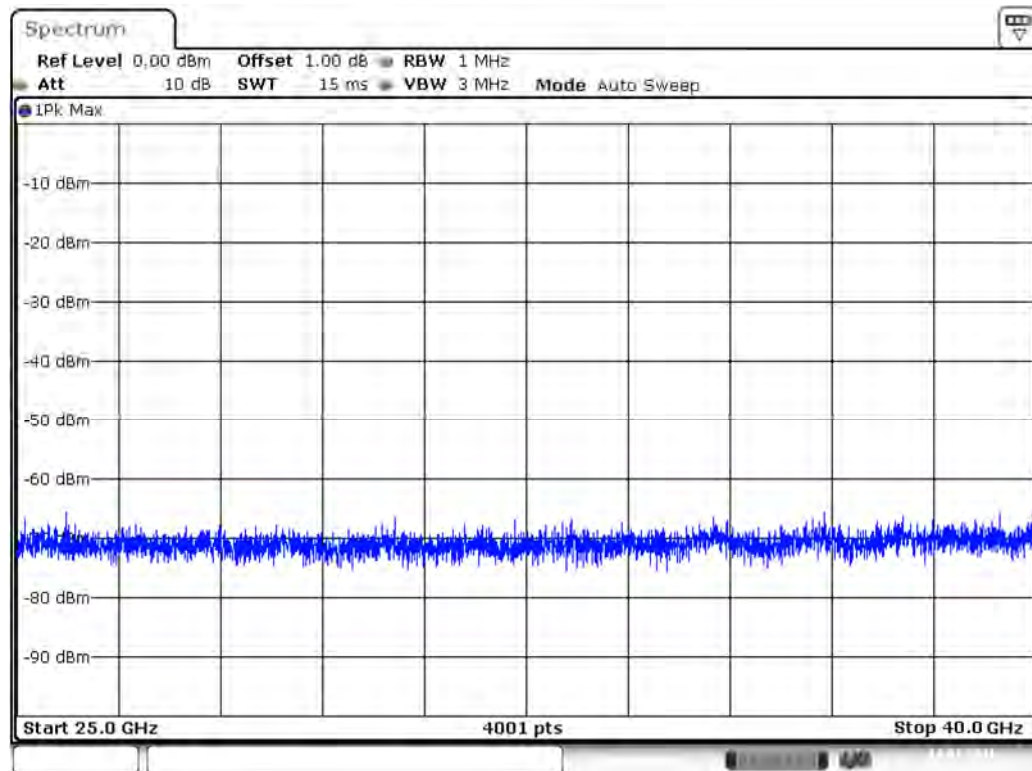
Band IV 11ac(HT40) CH159, SPURIOUS 1 GHz ~ 25 GHz



Date: 14.JAN.2016 16:55:13

Test Frequency: 20 GHz ~ 40 GHz

Note: Only the worst data was reported.



Date: 14, JAN. 2016 15:45:24

Cabinet Radiated spurious emission test

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

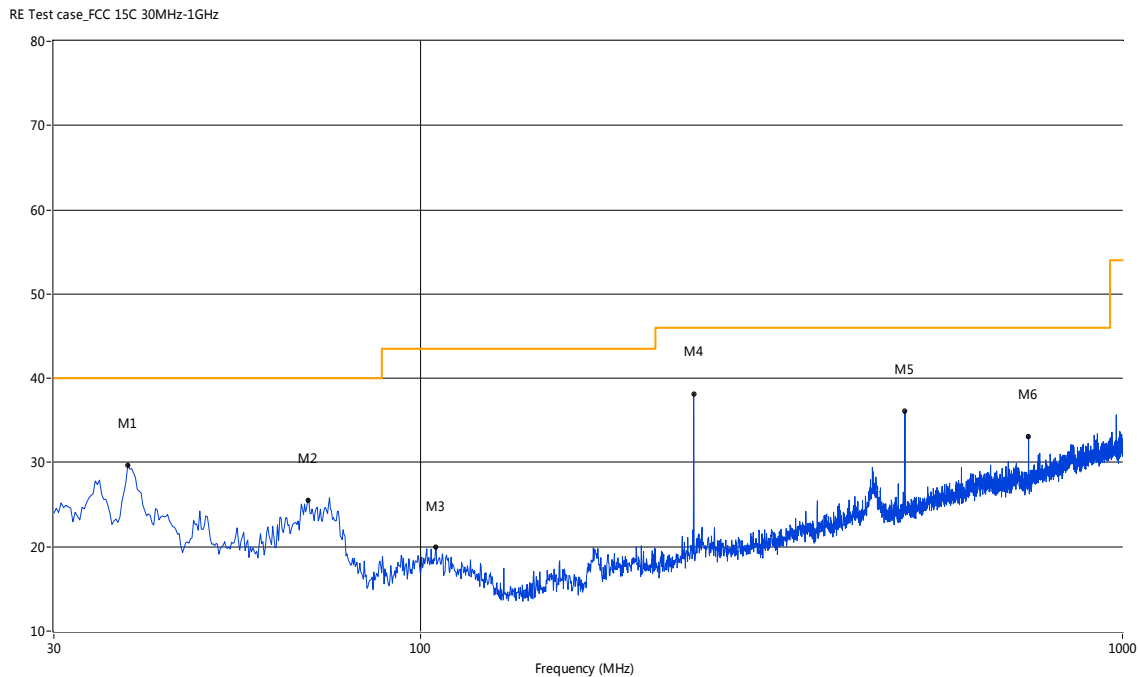
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: Both model of the charger were tested in this report. The C-P35 (Huntkey) is the main test model, and the C-P35 (Acbel) only retest the below 1GHz in this report which choose the Band I 11a CH36 mode.

CONFIGURATION A+ C-P35 (HUNTKEY)

Note 1: Based on the 1-25GHz test, the below 1GHz test data only reported the worst data (Band I 11a CH36 Low Channel) in this report.

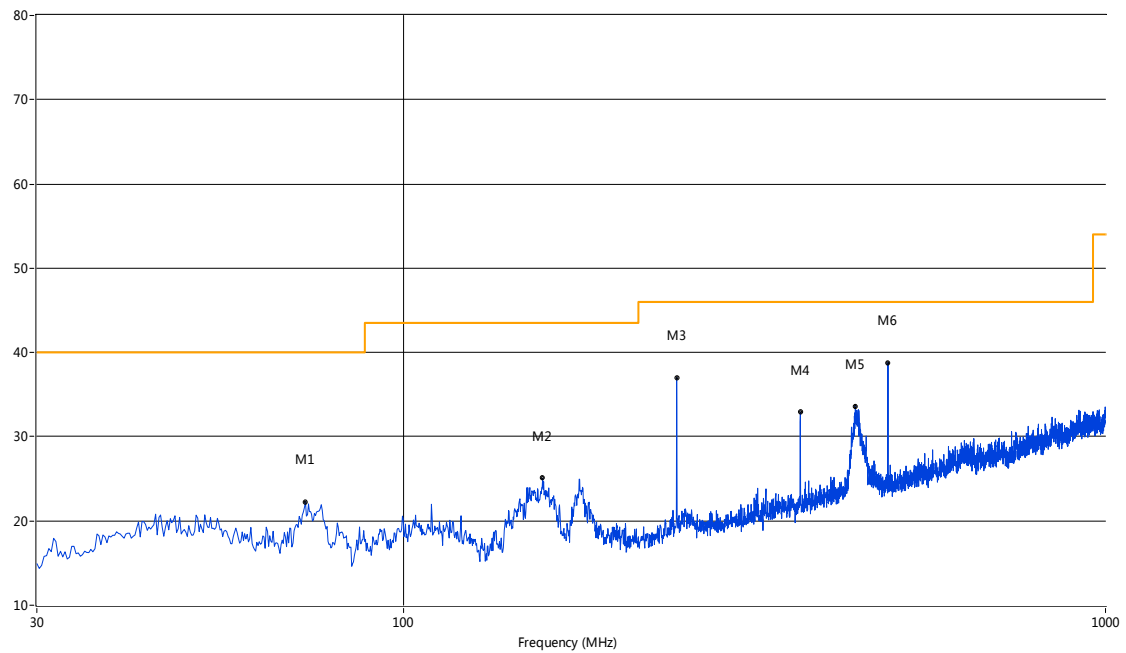
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	38.24	29.69	-20.23	40.0	10.31	Peak	351.50	100	Vertical	Pass
2	69.03	25.57	-22.33	40.0	14.43	Peak	271.50	100	Vertical	Pass
3	105.16	19.90	-20.25	43.5	23.60	Peak	316.80	100	Vertical	Pass
4	244.80	38.19	-19.00	46.0	7.81	Peak	351.50	100	Vertical	Pass
5	489.91	36.08	-13.45	46.0	9.92	Peak	14.10	100	Vertical	Pass
6	734.77	33.09	-8.91	46.0	12.91	Peak	356.60	100	Vertical	Pass

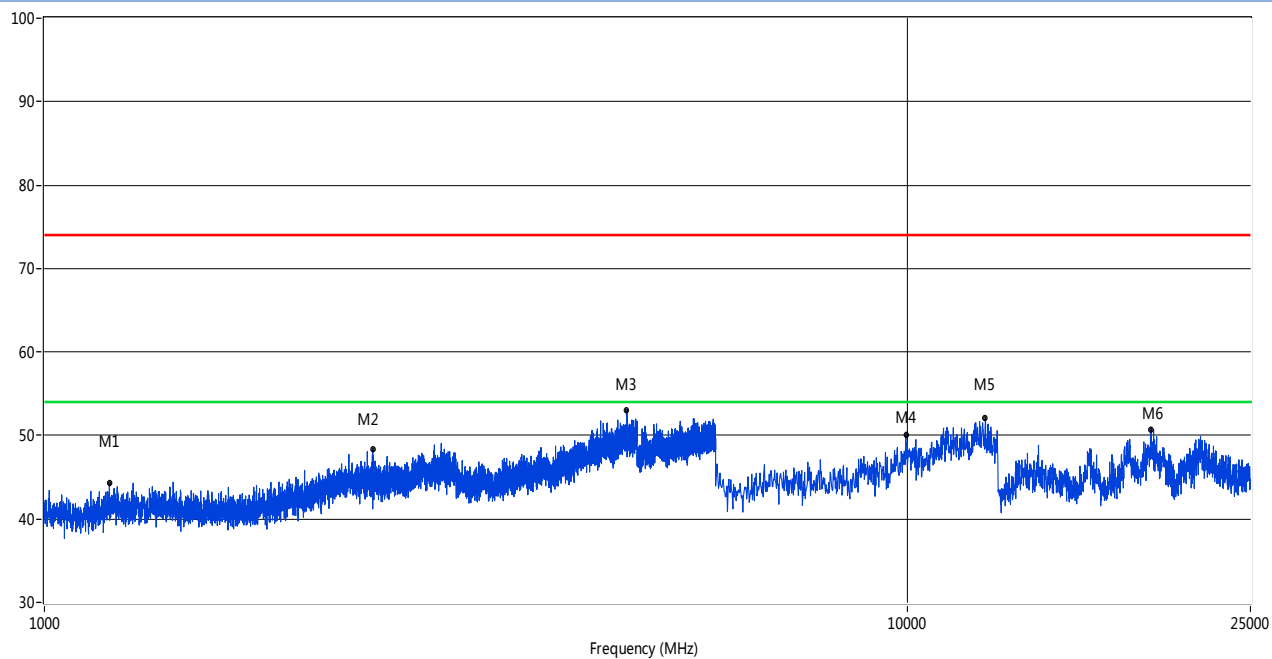
30 MHz to 1 GHz, ANT H

RE Test case_FCC 15C 30MHz-1GHz



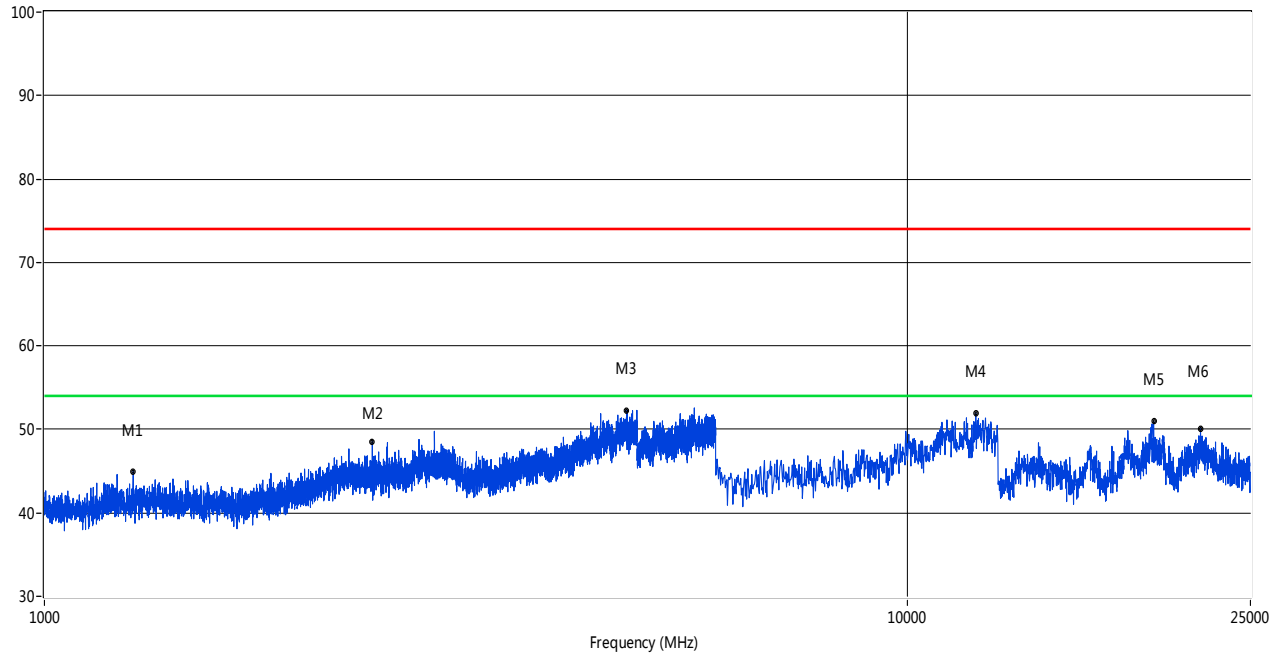
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	72.43	22.29	-23.63	40.0	17.71	Peak	0.80	100	Horizontal	Pass
2	157.77	25.09	-23.22	43.5	18.41	Peak	322.20	100	Horizontal	Pass
3	244.80	37.04	-19.00	46.0	8.96	Peak	97.30	100	Horizontal	Pass
4	367.48	32.93	-16.05	46.0	13.07	Peak	312.20	100	Horizontal	Pass
5	440.21	33.58	-14.54	46.0	12.42	Peak	117.40	100	Horizontal	Pass
6	489.91	38.81	-13.45	46.0	7.19	Peak	337.00	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11a Low channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1189.45	44.31	20.66	74.0	29.69	Peak	303.00	100	Vertical	Pass
2	2402.15	48.39	-0.34	74.0	25.61	Peak	120.00	100	Vertical	Pass
3	4732.82	53.01	13.68	74.0	20.99	Peak	208.00	100	Vertical	Pass
4	9964.64	50.05	19.25	74.0	23.95	Peak	226.00	100	Vertical	Pass
5	12323.21	52.13	20.64	74.0	21.87	Peak	173.00	100	Vertical	Pass
6	19169.72	50.71	14.01	74.0	23.29	Peak	144.00	100	Vertical	Pass

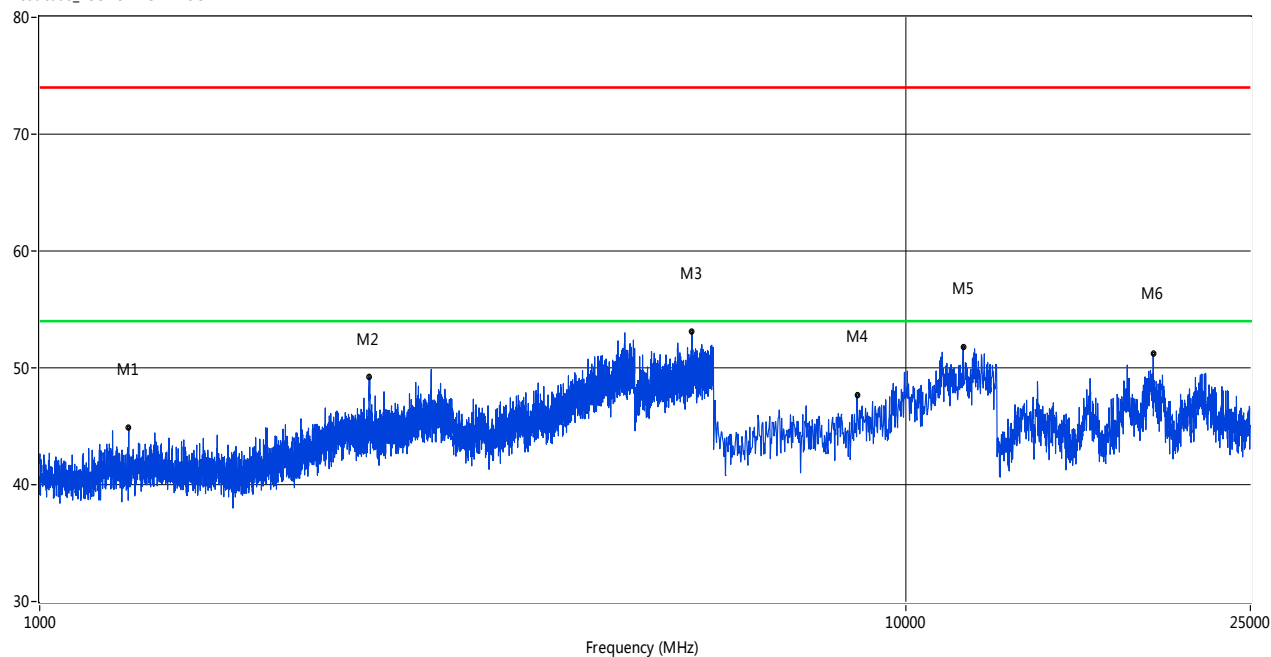
1 GHz to 25 GHz, ANT H Band I 11a Low channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	44.99	20.74	74.0	29.01	Peak	227.00	100	Horizontal	Pass
2	2399.65	48.56	-0.35	74.0	25.44	Peak	298.00	100	Horizontal	Pass
3	4732.82	52.31	13.68	74.0	21.69	Peak	127.00	100	Horizontal	Pass
4	12008.74	51.95	20.87	74.0	22.05	Peak	99.00	100	Horizontal	Pass
5	19309.48	50.92	13.46	74.0	23.08	Peak	213.00	100	Horizontal	Pass
6	21885.19	50.12	12.61	74.0	23.88	Peak	174.00	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11a Middle channel

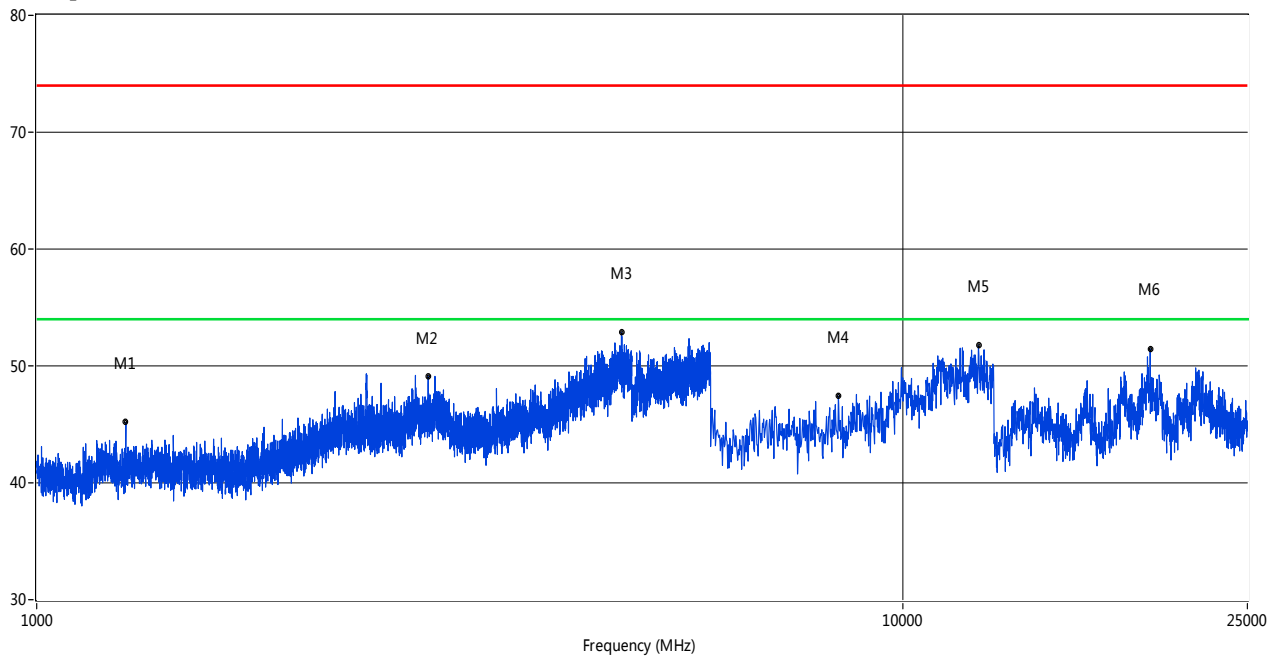
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.18	-5.02	74.0	28.82	Peak	74.20	100	Vertical	Pass
2	2402.15	49.17	-0.34	74.0	24.83	Peak	349.50	100	Vertical	Pass
3	5666.33	53.07	15.42	74.0	20.93	Peak	132.10	100	Vertical	Pass
4	8785.36	47.62	16.37	74.0	26.38	Peak	4.00	100	Vertical	Pass
5	11649.33	51.78	20.41	74.0	22.22	Peak	-0.10	100	Vertical	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11a Middle channel

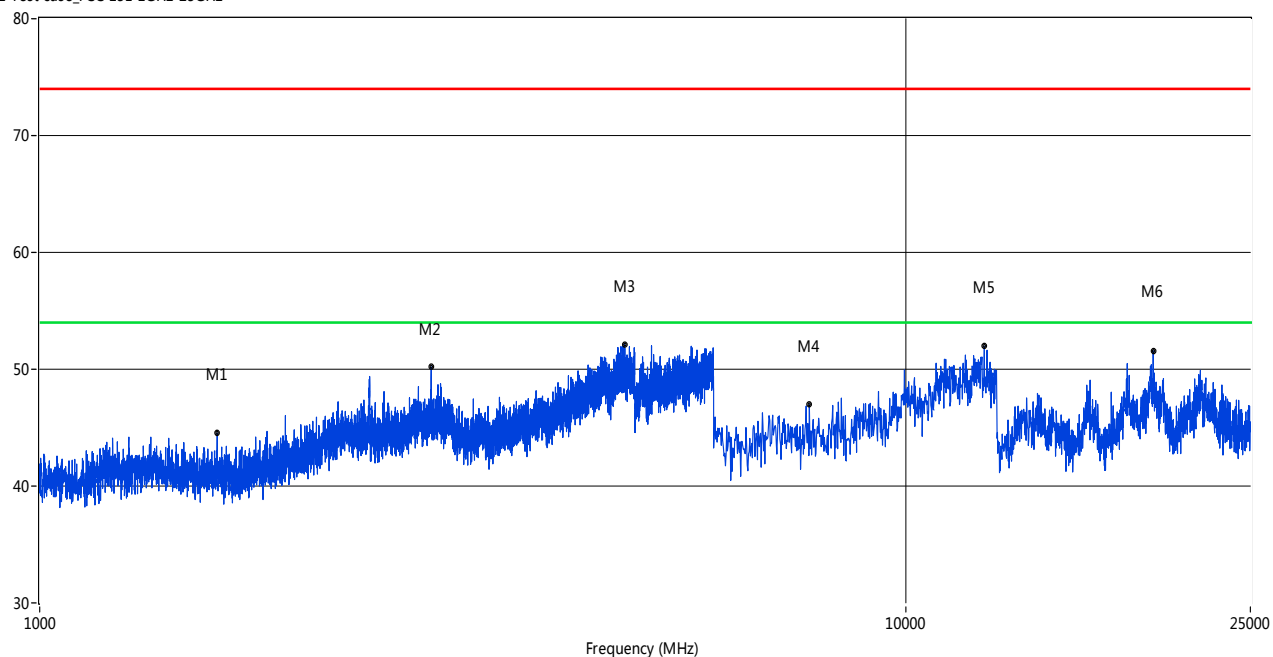
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.18	-5.02	74.0	28.82	Peak	74.20	100	Horizontal	Pass
2	2832.04	50.20	1.78	74.0	23.80	Peak	182.80	100	Horizontal	Pass
3	4733.57	52.89	13.61	74.0	21.11	Peak	356.50	100	Horizontal	Pass
4	8425.96	47.44	15.06	74.0	26.56	Peak	71.10	100	Horizontal	Pass
5	12233.36	51.75	20.65	74.0	22.25	Peak	-0.10	100	Horizontal	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11a High channel

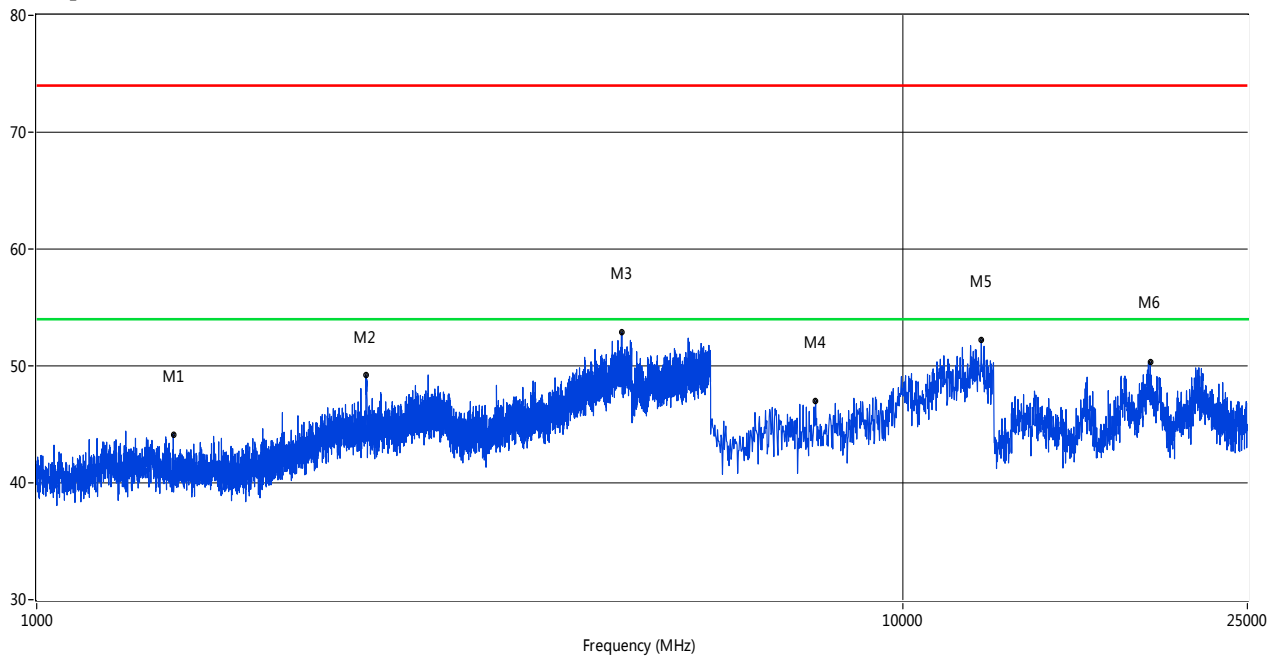
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1603.35	44.54	-4.38	74.0	29.46	Peak	358.90	100	Vertical	Pass
2	2832.04	50.20	1.78	74.0	23.80	Peak	182.80	100	Vertical	Pass
3	4732.82	52.11	13.68	74.0	21.89	Peak	356.80	100	Vertical	Pass
4	7740.85	47.00	14.51	74.0	27.00	Peak	183.60	100	Vertical	Pass
5	12323.21	52.22	20.64	74.0	21.78	Peak	343.60	100	Vertical	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11a High channel

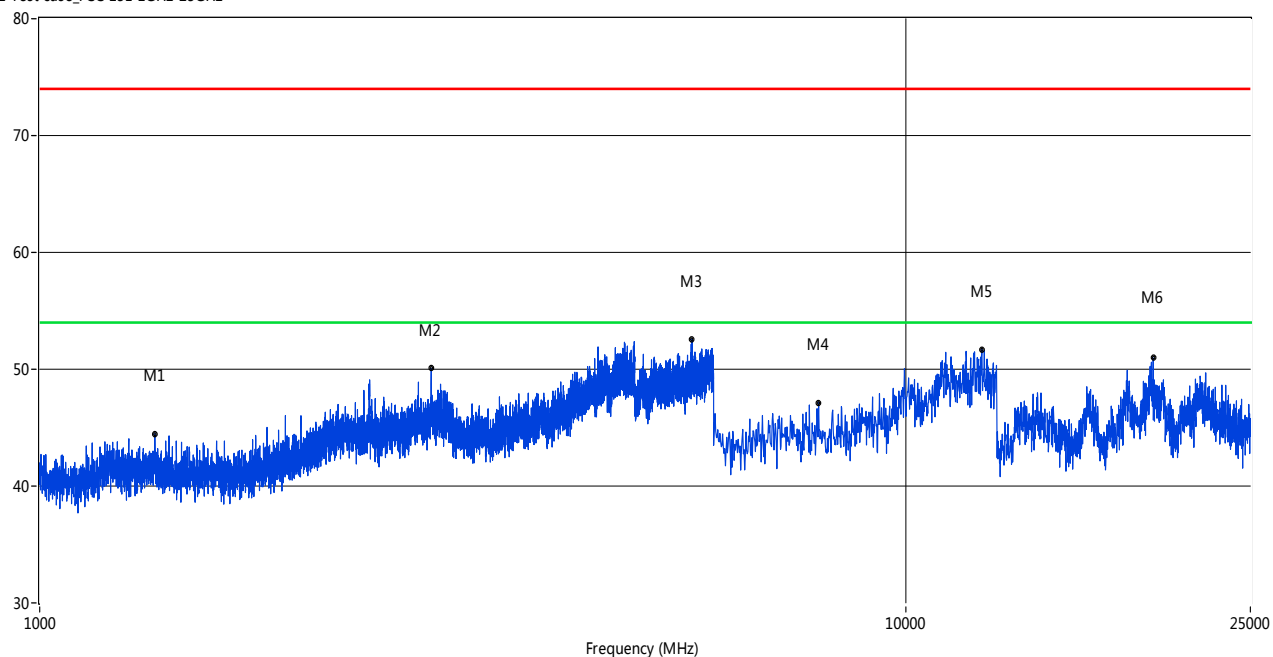
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1437.89	44.15	-4.61	74.0	29.85	Peak	291.30	100	Horizontal	Pass
2	2399.65	49.23	-0.35	74.0	24.77	Peak	349.20	100	Horizontal	Pass
3	4738.81	52.89	13.53	74.0	21.11	Peak	287.70	100	Horizontal	Pass
4	7931.78	47.14	14.71	74.0	26.86	Peak	334.40	100	Horizontal	Pass
5	12323.21	52.22	20.64	74.0	21.78	Peak	343.60	100	Horizontal	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11n20 Low channel

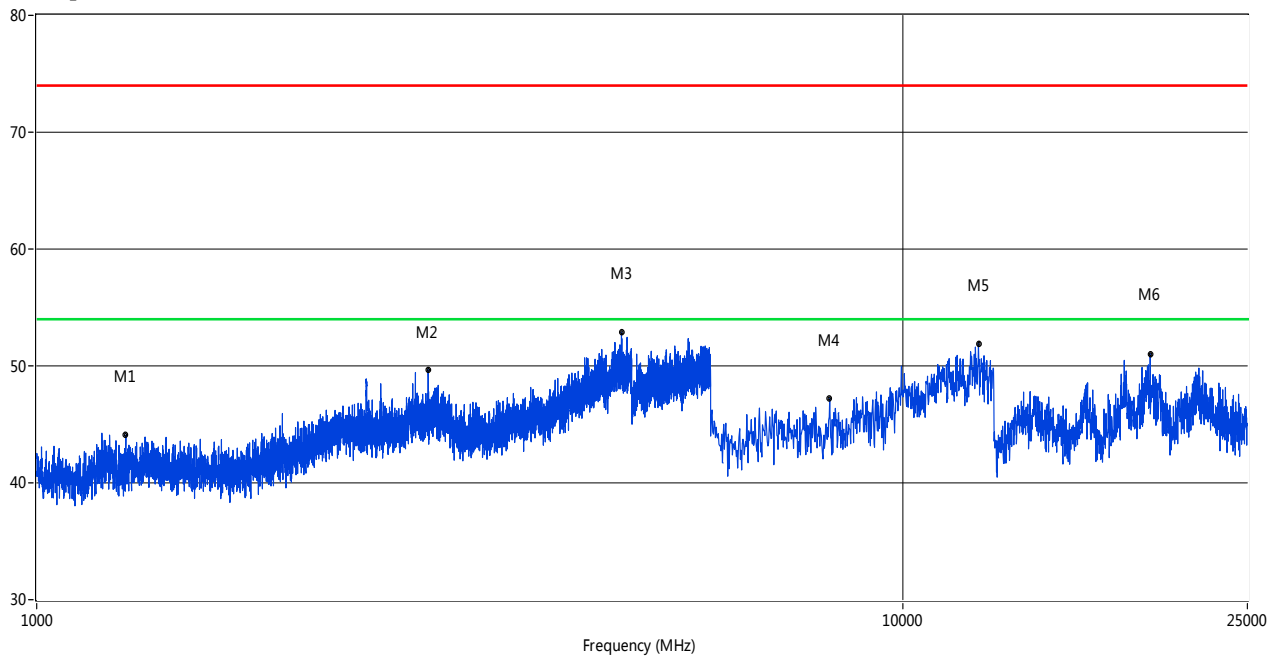
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1358.41	44.48	-4.42	74.0	29.52	Peak	177.20	100	Vertical	Pass
2	2832.04	50.06	1.78	74.0	23.94	Peak	182.10	100	Vertical	Pass
3	5666.33	52.59	15.42	74.0	21.41	Peak	132.10	100	Vertical	Pass
4	7931.78	47.14	14.71	74.0	26.86	Peak	334.40	100	Vertical	Pass
5	12244.59	51.70	20.65	74.0	22.30	Peak	108.10	100	Vertical	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11n20 Low channel

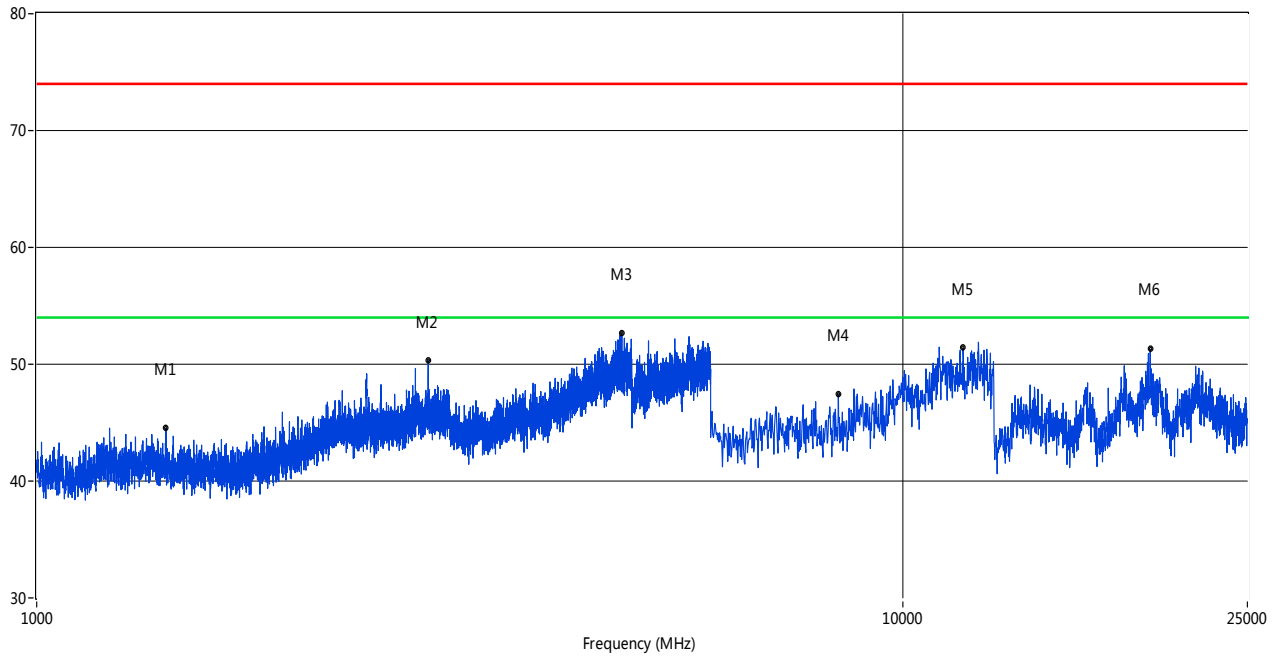
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	44.11	-5.02	74.0	29.89	Peak	73.90	100	Horizontal	Pass
2	2831.54	49.69	1.81	74.0	24.31	Peak	183.10	100	Horizontal	Pass
3	4733.57	52.88	13.61	74.0	21.12	Peak	355.10	100	Horizontal	Pass
4	8235.02	47.23	14.90	74.0	26.77	Peak	162.00	100	Horizontal	Pass
5	12233.36	51.94	20.65	74.0	22.06	Peak	-0.60	100	Horizontal	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11n20 Middle channel

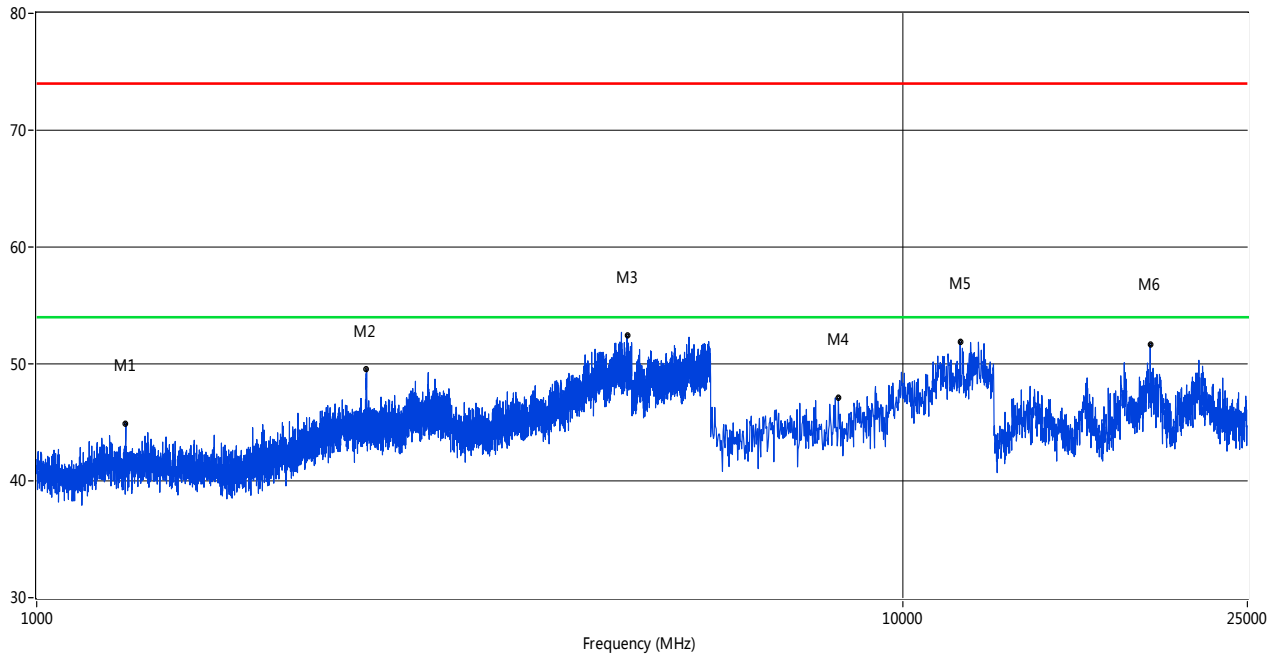
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1410.40	44.52	-4.62	74.0	29.48	Peak	254.00	100	Vertical	Pass
2	2832.04	50.31	1.78	74.0	23.69	Peak	183.00	100	Vertical	Pass
3	4732.82	52.69	13.68	74.0	21.31	Peak	357.30	100	Vertical	Pass
4	8425.96	47.52	15.06	74.0	26.48	Peak	70.50	100	Vertical	Pass
5	11739.18	51.40	20.47	74.0	22.60	Peak	97.30	100	Vertical	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11n20 Middle channel

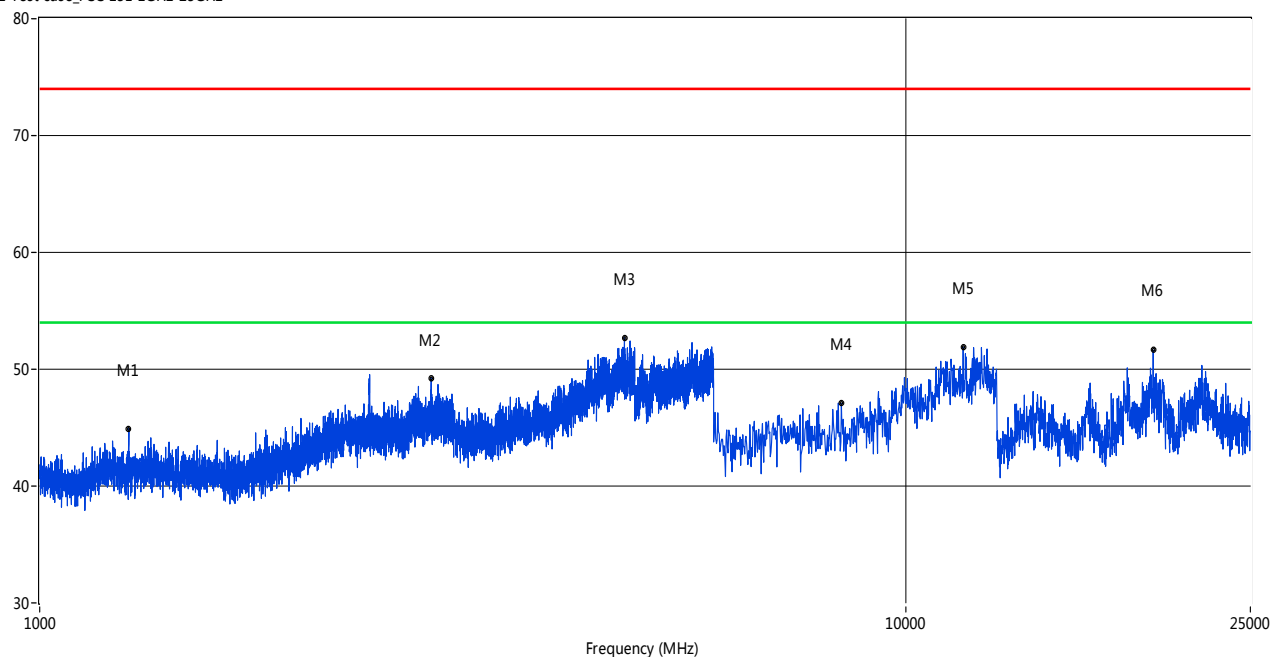
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.61	-5.02	74.0	28.39	Peak	74.00	100	Horizontal	Pass
2	2404.65	49.54	-0.31	74.0	24.46	Peak	349.30	100	Horizontal	Pass
3	4805.55	52.42	13.79	74.0	21.58	Peak	57.20	100	Horizontal	Pass
4	8425.96	47.52	15.06	74.0	26.48	Peak	70.50	100	Horizontal	Pass
5	11649.33	51.43	20.41	74.0	22.57	Peak	-0.10	100	Horizontal	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11n20 High channel

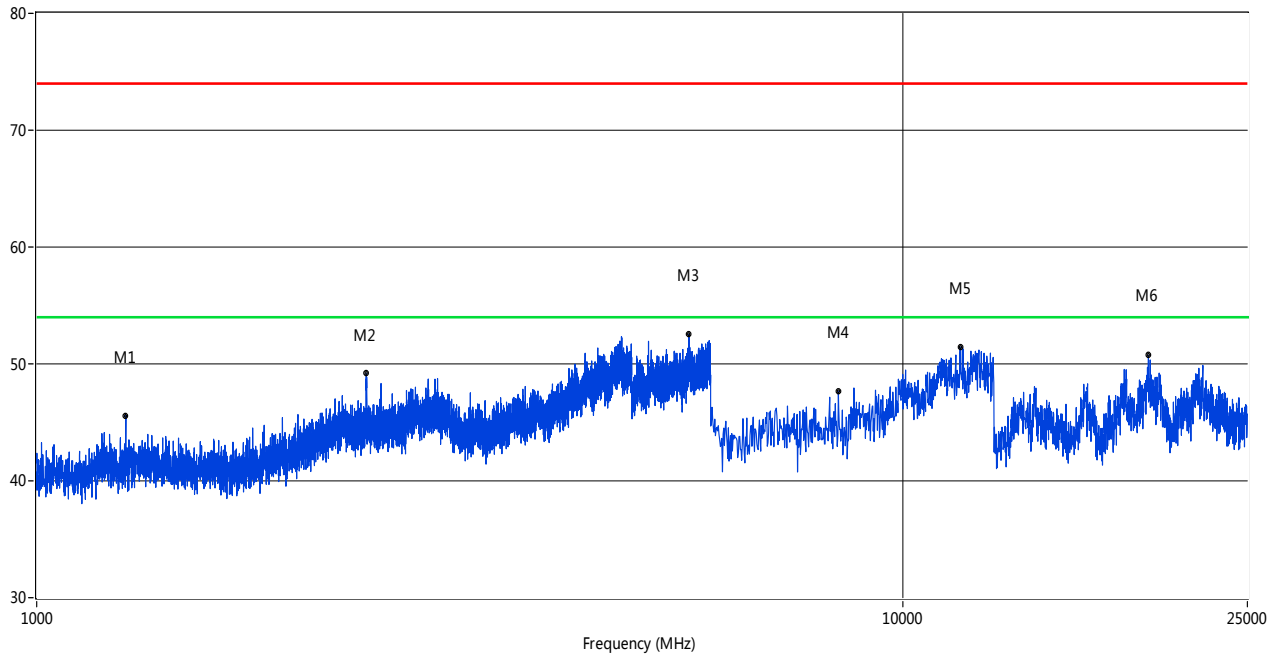
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.61	-5.02	74.0	28.39	Peak	74.00	100	Vertical	Pass
2	2832.04	49.27	1.78	74.0	24.73	Peak	183.00	100	Vertical	Pass
3	4732.82	52.63	13.68	74.0	21.37	Peak	356.60	100	Vertical	Pass
4	8425.96	47.52	15.06	74.0	26.48	Peak	70.50	100	Vertical	Pass
5	11649.33	51.43	20.41	74.0	22.57	Peak	-0.10	100	Vertical	Pass
6	19309.48	51.64	13.46	74.0	22.36	Peak	57.10	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11n20 High channel

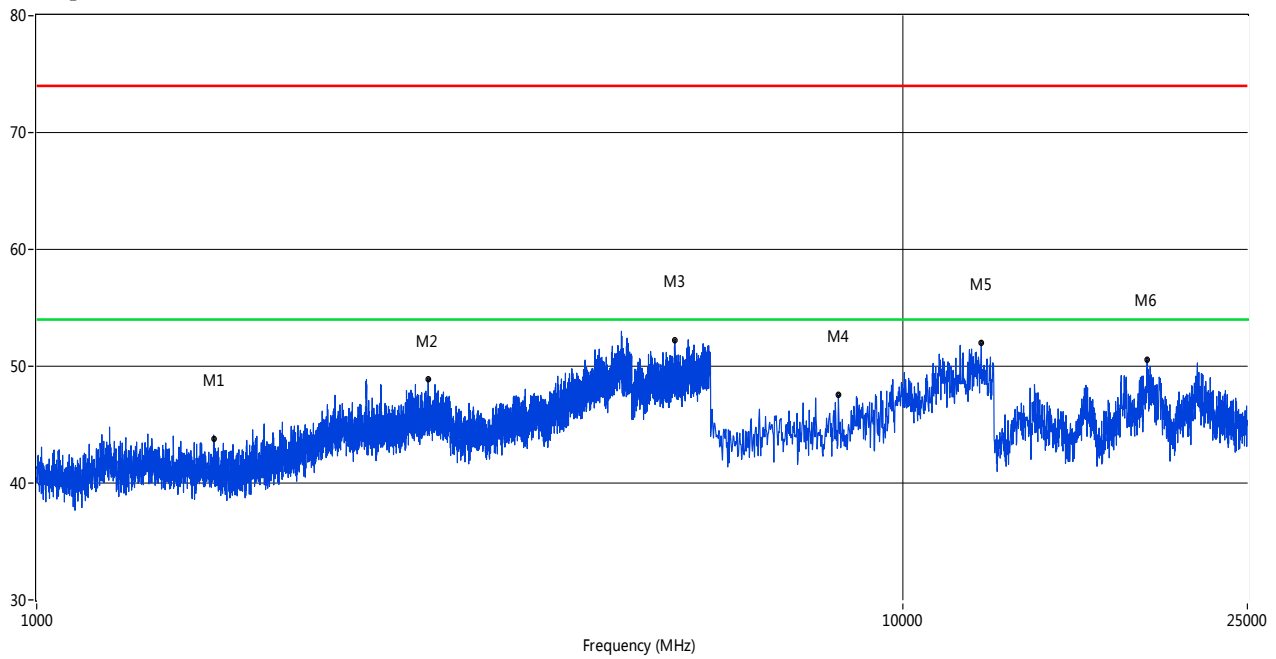
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.61	-5.02	74.0	28.39	Peak	74.00	100	Horizontal	Pass
2	2401.65	49.17	-0.27	74.0	24.83	Peak	348.60	100	Horizontal	Pass
3	5666.33	52.55	15.42	74.0	21.45	Peak	132.20	100	Horizontal	Pass
4	8425.96	47.52	15.06	74.0	26.48	Peak	70.50	100	Horizontal	Pass
5	11649.33	51.43	20.41	74.0	22.57	Peak	-0.10	100	Horizontal	Pass
6	19219.63	50.74	14.00	74.0	23.26	Peak	359.10	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11n40 Low channel

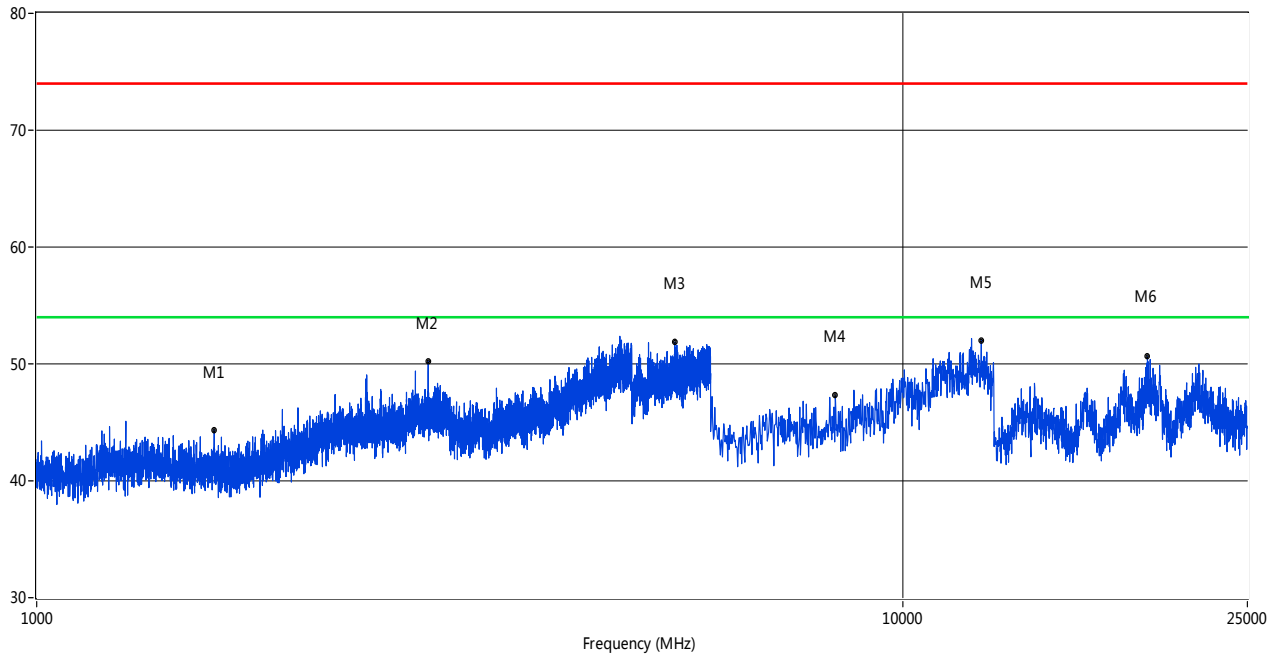
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1603.35	44.38	-4.38	74.0	29.62	Peak	359.20	100	Vertical	Pass
2	2832.04	50.23	1.78	74.0	23.77	Peak	181.90	100	Vertical	Pass
3	5456.39	51.89	14.78	74.0	22.11	Peak	180.20	100	Vertical	Pass
4	8425.96	47.52	15.06	74.0	26.48	Peak	70.50	100	Vertical	Pass
5	12323.21	52.17	20.64	74.0	21.83	Peak	344.20	100	Vertical	Pass
6	19149.75	50.56	13.93	74.0	23.44	Peak	356.40	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11n40 Low channel

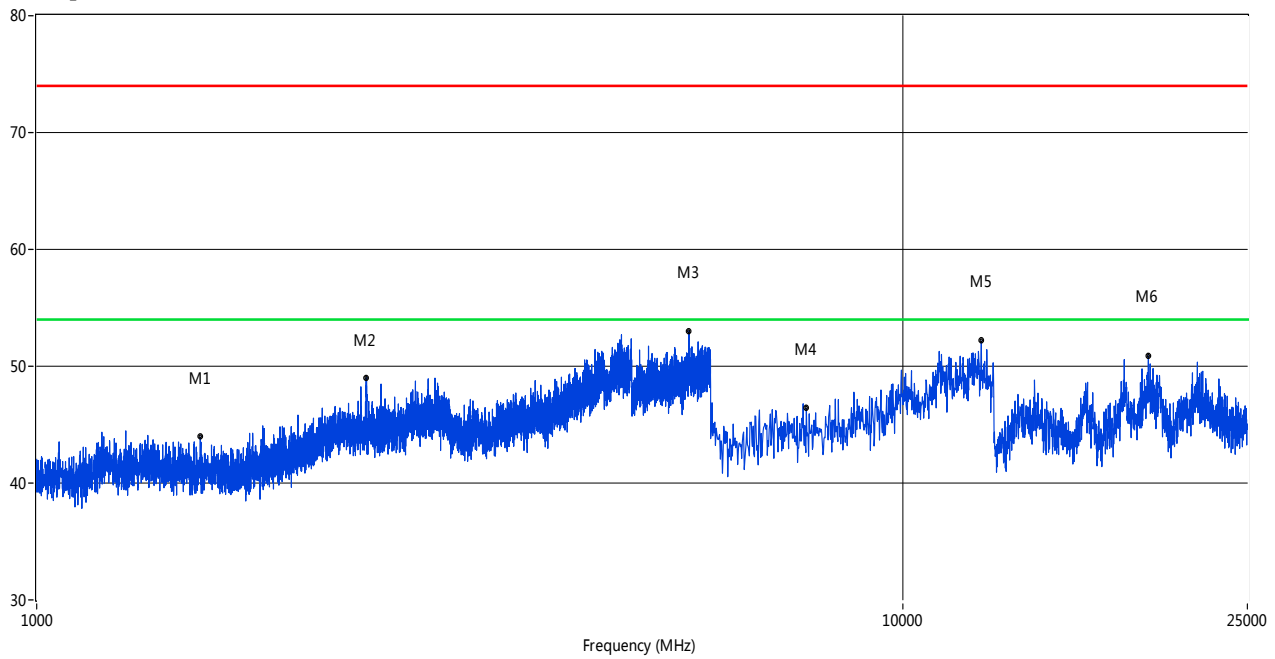
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1603.35	44.38	-4.38	74.0	29.62	Peak	359.20	100	Horizontal	Pass
2	2832.04	50.23	1.78	74.0	23.77	Peak	181.90	100	Horizontal	Pass
3	5456.39	51.89	14.78	74.0	22.11	Peak	180.20	100	Horizontal	Pass
4	8358.57	47.28	15.05	74.0	26.72	Peak	117.60	100	Horizontal	Pass
5	12323.21	52.17	20.64	74.0	21.83	Peak	344.20	100	Horizontal	Pass
6	19169.72	50.68	14.01	74.0	23.32	Peak	336.40	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11n40 High channel

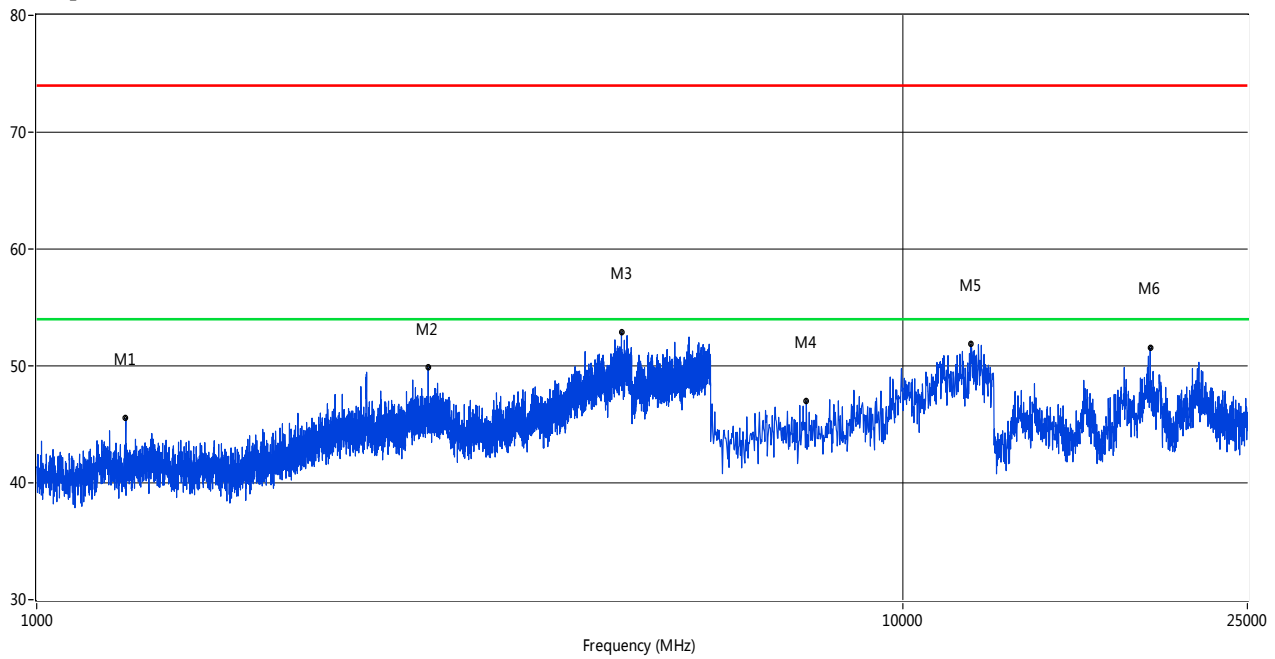
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1544.86	43.95	-4.23	74.0	30.05	Peak	113.80	100	Vertical	Pass
2	2401.65	48.97	-0.27	74.0	25.03	Peak	348.90	100	Vertical	Pass
3	5666.33	53.02	15.42	74.0	20.98	Peak	131.90	100	Vertical	Pass
4	7740.85	47.02	14.51	74.0	26.98	Peak	183.50	100	Vertical	Pass
5	12323.21	52.17	20.64	74.0	21.83	Peak	344.20	100	Vertical	Pass
6	19219.63	50.89	14.00	74.0	23.11	Peak	359.20	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11n40 High channel

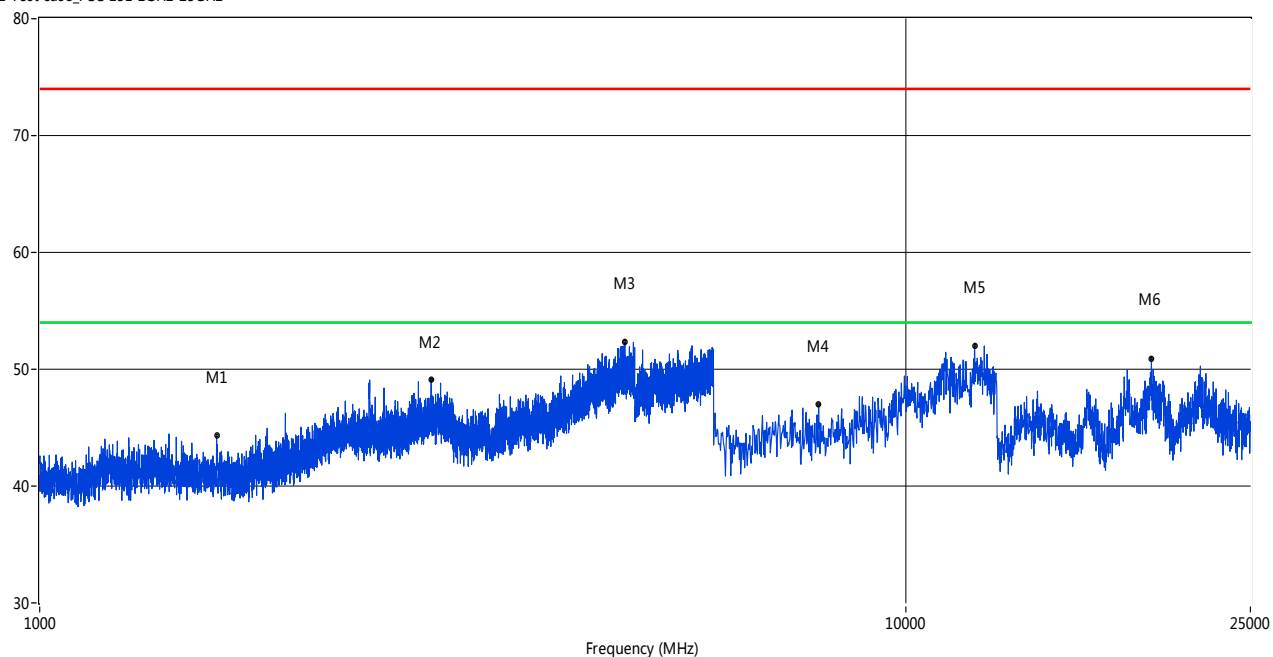
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.51	-5.02	74.0	28.49	Peak	73.40	100	Horizontal	Pass
2	2832.04	49.13	1.78	74.0	24.87	Peak	183.20	100	Horizontal	Pass
3	4733.57	52.87	13.61	74.0	21.13	Peak	356.80	100	Horizontal	Pass
4	7740.85	47.02	14.51	74.0	26.98	Peak	183.50	100	Horizontal	Pass
5	11975.04	51.83	20.76	74.0	22.17	Peak	70.60	100	Horizontal	Pass
6	19309.48	51.54	13.46	74.0	22.46	Peak	56.30	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11ac20 Low channel

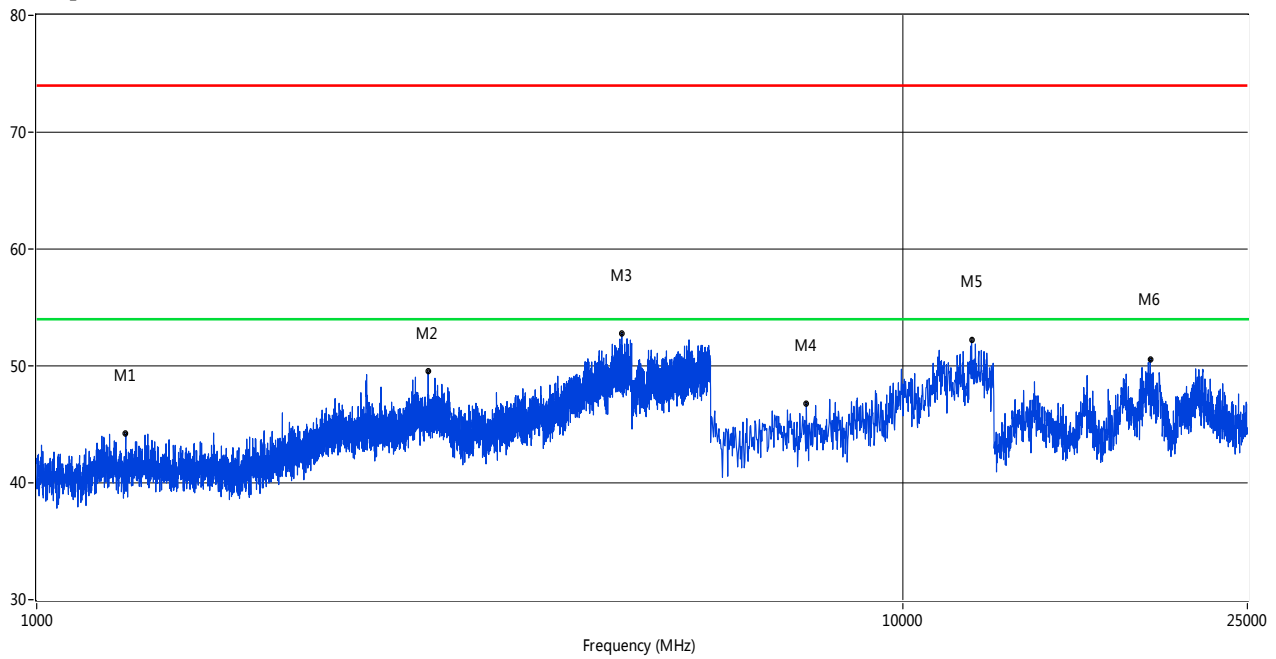
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1600.85	44.30	-4.33	74.0	29.70	Peak	28.30	100	Vertical	Pass
2	2832.04	49.13	1.78	74.0	24.87	Peak	183.20	100	Vertical	Pass
3	4738.81	52.81	13.53	74.0	21.19	Peak	287.10	100	Vertical	Pass
4	7931.78	46.98	14.71	74.0	27.02	Peak	334.60	100	Vertical	Pass
5	12008.74	52.17	20.87	74.0	21.83	Peak	310.80	100	Vertical	Pass
6	19219.63	50.90	14.00	74.0	23.10	Peak	358.70	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11ac20 Low channel

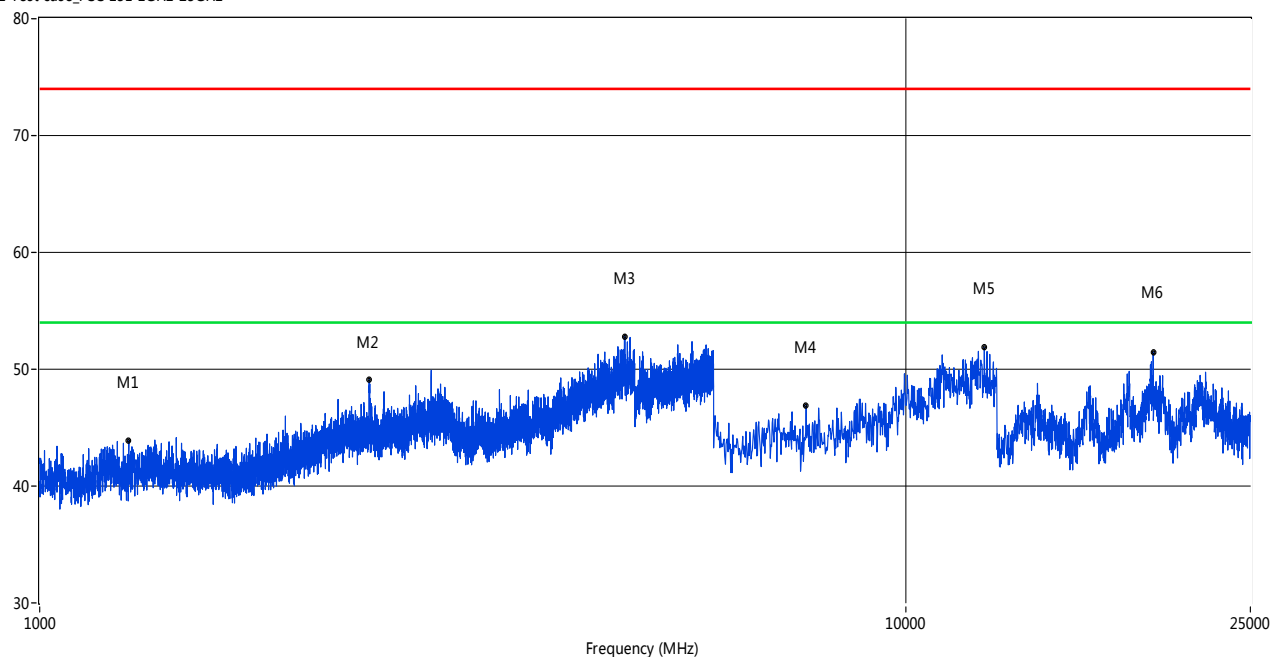
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.23	-5.02	74.0	28.77	Peak	73.60	100	Horizontal	Pass
2	2831.54	49.51	1.81	74.0	24.49	Peak	182.90	100	Horizontal	Pass
3	4738.81	52.81	13.53	74.0	21.19	Peak	287.10	100	Horizontal	Pass
4	7740.85	46.78	14.51	74.0	27.22	Peak	183.90	100	Horizontal	Pass
5	12008.74	52.17	20.87	74.0	21.83	Peak	310.80	100	Horizontal	Pass
6	19309.48	50.90	13.46	74.0	23.10	Peak	56.70	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11ac20 Middle channel

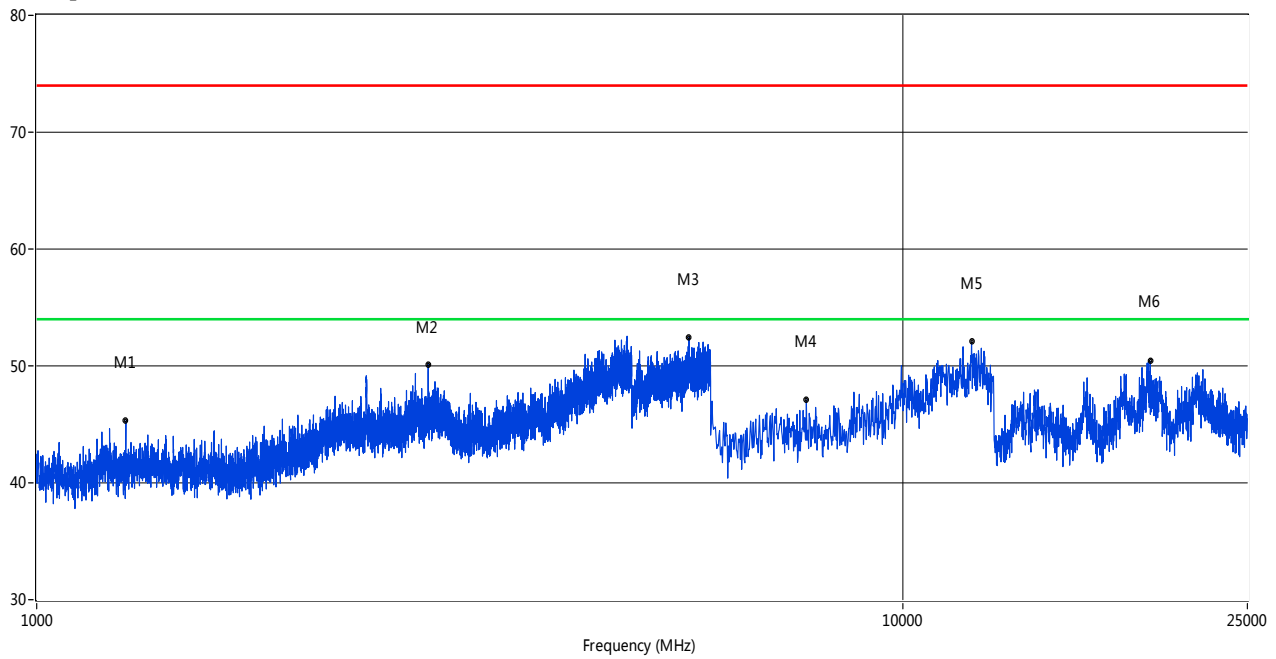
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.23	-5.02	74.0	28.77	Peak	73.60	100	Vertical	Pass
2	2402.15	49.10	-0.34	74.0	24.90	Peak	349.00	100	Vertical	Pass
3	4738.81	52.81	13.53	74.0	21.19	Peak	287.10	100	Vertical	Pass
4	7673.46	46.94	14.45	74.0	27.06	Peak	236.40	100	Vertical	Pass
5	12323.21	51.86	20.64	74.0	22.14	Peak	343.40	100	Vertical	Pass
6	19309.48	50.90	13.46	74.0	23.10	Peak	56.70	100	Vertical	Pass

1 GHz to 25 GHz, ANT H Band I 11ac20 Middle channel

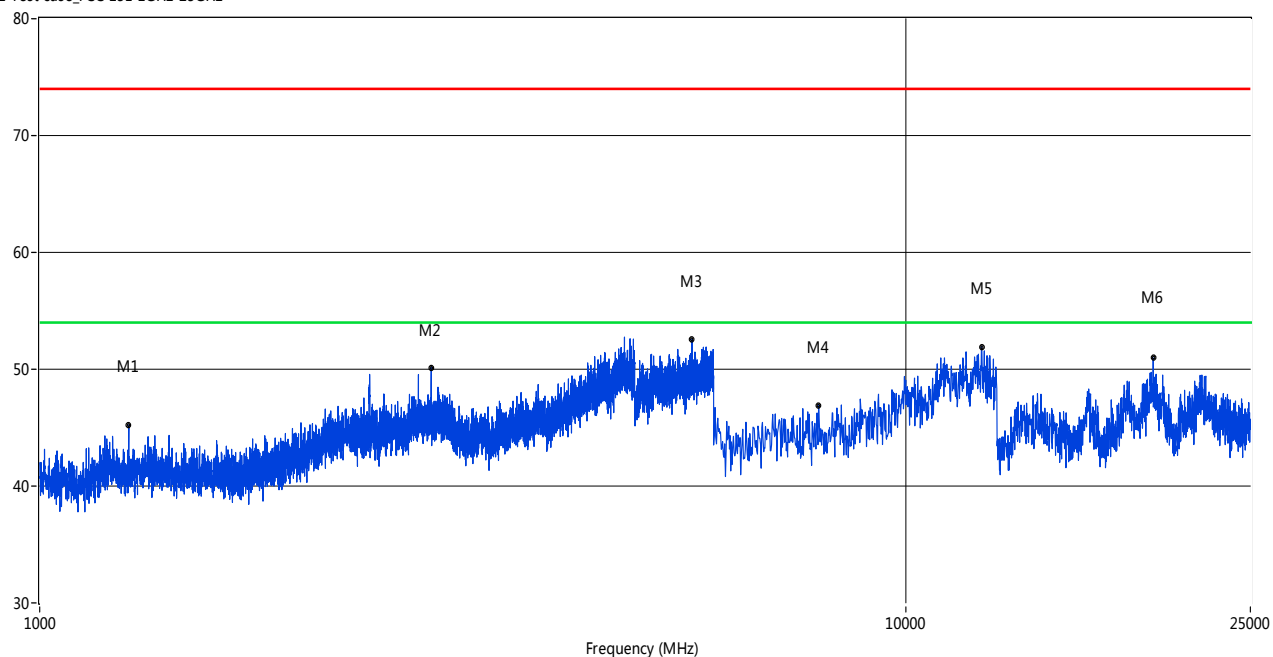
RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.23	-5.02	74.0	28.77	Peak	73.60	100	Horizontal	Pass
2	2832.04	50.13	1.78	74.0	23.87	Peak	183.00	100	Horizontal	Pass
3	5666.33	52.56	15.42	74.0	21.44	Peak	131.80	100	Horizontal	Pass
4	7740.85	47.09	14.51	74.0	26.91	Peak	183.70	100	Horizontal	Pass
5	12008.74	52.06	20.87	74.0	21.94	Peak	312.10	100	Horizontal	Pass
6	19309.48	50.90	13.46	74.0	23.10	Peak	56.70	100	Horizontal	Pass

1 GHz to 25 GHz, ANT V Band I 11ac20 High channel

RE Test case_FCC 15E 1GHz-25GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1267.43	45.23	-5.02	74.0	28.77	Peak	73.60	100	Vertical	Pass
2	2832.04	50.15	1.78	74.0	23.85	Peak	183.20	100	Vertical	Pass
3	5666.33	52.56	15.42	74.0	21.44	Peak	131.80	100	Vertical	Pass
4	7931.78	46.94	14.71	74.0	27.06	Peak	335.20	100	Vertical	Pass
5	12233.36	51.94	20.65	74.0	22.06	Peak	-0.40	100	Vertical	Pass
6	19309.48	50.90	13.46	74.0	23.10	Peak	56.70	100	Vertical	Pass