

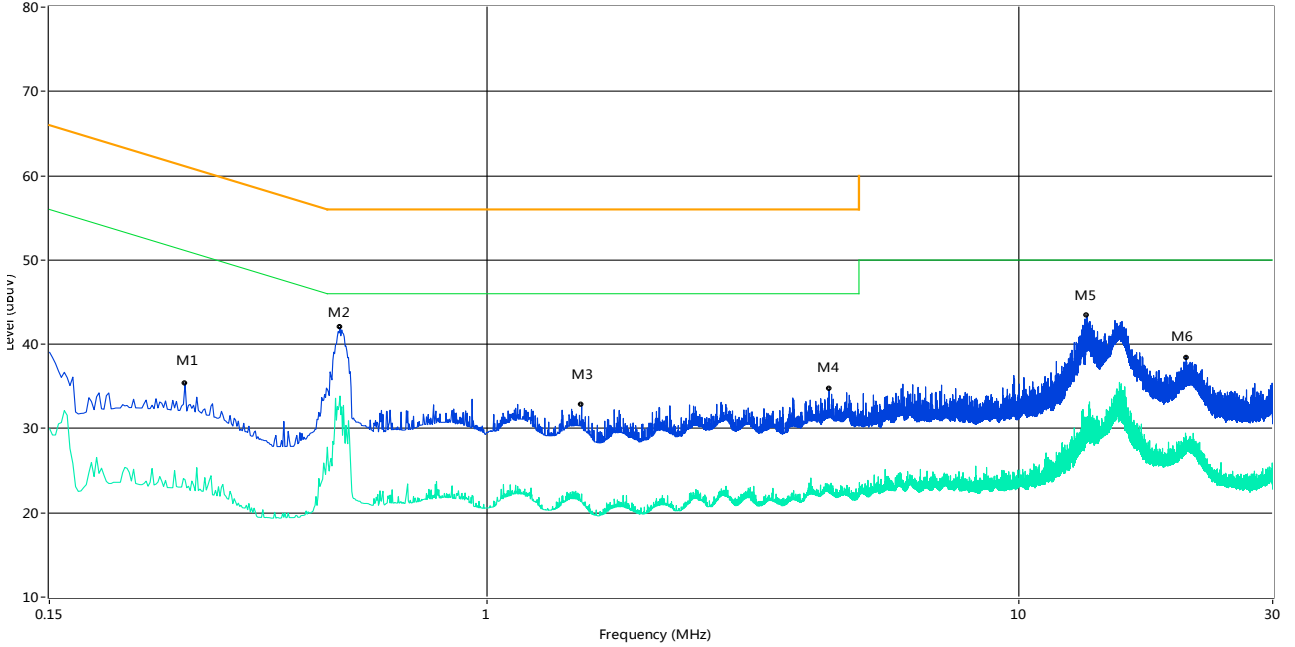
A.5 Conducted Emissions

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

Test Data and Plots

PHASE L

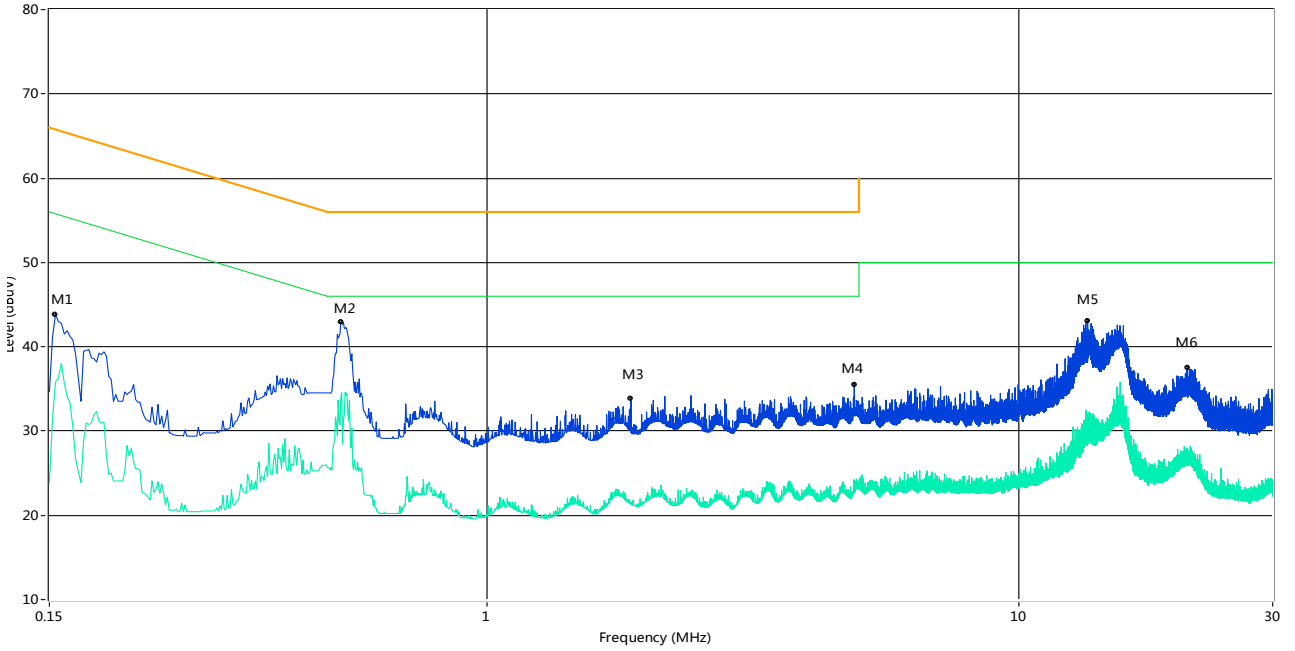
CE Test case_CE_FCC PART 15_ Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.27	35.3	13.00	62.6	27.30	Peak	L Line	Pass
1**	0.27	23.9	13.00	52.6	28.70	AV	L Line	Pass
2	0.53	42.0	13.00	56.0	14.00	Peak	L Line	Pass
2**	0.53	33.9	13.00	46.0	12.10	AV	L Line	Pass
3	1.50	32.8	13.00	56.0	23.20	Peak	L Line	Pass
3**	1.50	22.2	13.00	46.0	23.80	AV	L Line	Pass
4	4.39	34.7	13.00	56.0	21.30	Peak	L Line	Pass
4**	4.39	22.3	13.00	46.0	23.70	AV	L Line	Pass
5	13.42	43.4	13.00	60.0	16.60	Peak	L Line	Pass
5**	13.42	28.4	13.00	50.0	21.60	AV	L Line	Pass
6	20.63	38.4	13.00	60.0	21.60	Peak	L Line	Pass
6**	20.63	28.0	13.00	50.0	22.00	AV	L Line	Pass

PHASE N

CE Test case_CE_FCC PART 15_ Class B



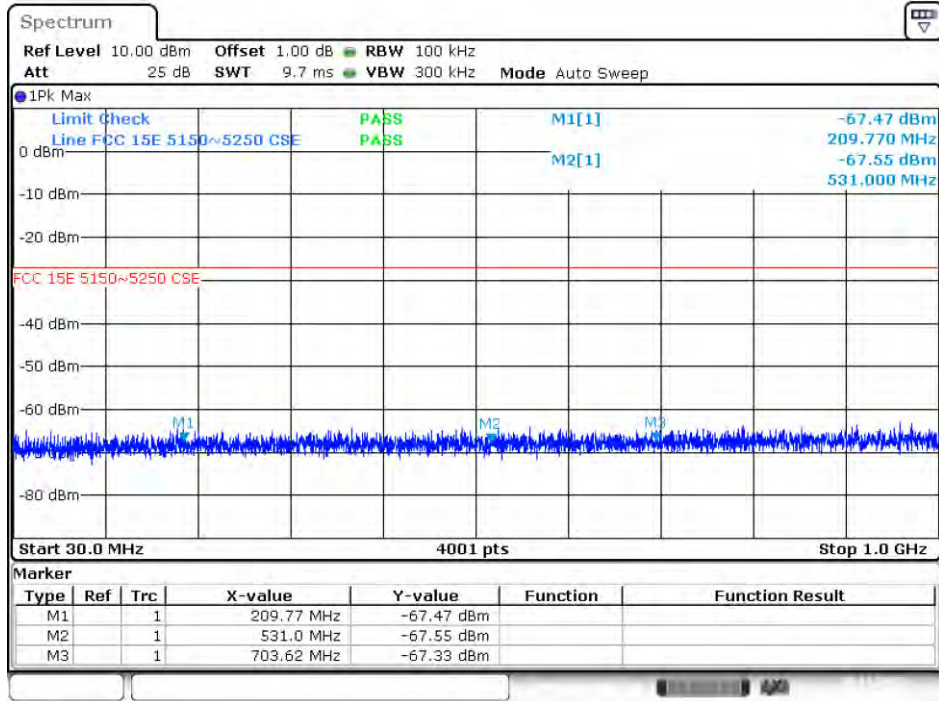
No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.15	43.8	13.00	65.9	22.10	Peak	N Line	Pass
1**	0.15	35.8	13.00	55.9	20.10	AV	N Line	Pass
2	0.53	42.9	13.00	56.0	13.10	Peak	N Line	Pass
2**	0.53	33.9	13.00	46.0	12.10	AV	N Line	Pass
3	1.86	33.8	13.00	56.0	22.20	Peak	N Line	Pass
3**	1.86	21.2	13.00	46.0	24.80	AV	N Line	Pass
4	4.90	35.5	13.00	56.0	20.50	Peak	N Line	Pass
4**	4.90	22.5	13.00	46.0	23.50	AV	N Line	Pass
5	13.46	43.1	13.00	60.0	16.90	Peak	N Line	Pass
5**	13.46	30.4	13.00	50.0	19.60	AV	N Line	Pass
6	20.75	37.5	13.00	60.0	22.50	Peak	N Line	Pass
6**	20.75	26.4	13.00	50.0	23.60	AV	N Line	Pass

A.6 Conducted Spurious Emission and Band Edge (Authorized-band)

Note: In 30 MHz-1000 MHz and 20 GHz-40 GHz, all configurations have been tested, only the worst (ANT0 Band I 11a CH36) configuration shown here.

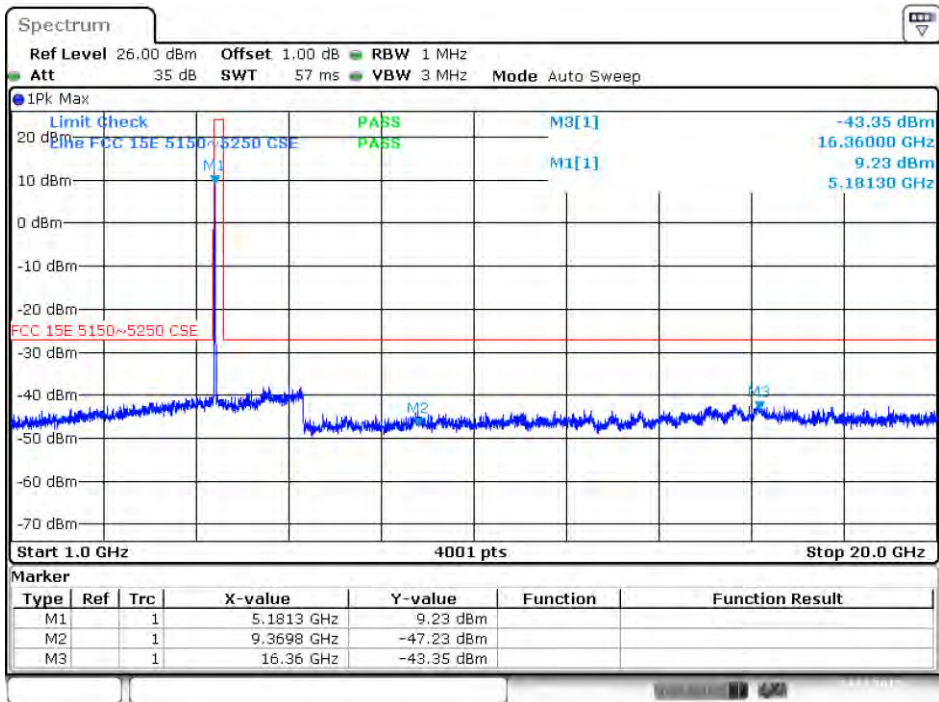
ANT 0

Band I 11a CH36 (30 ~ 1000 MHz)



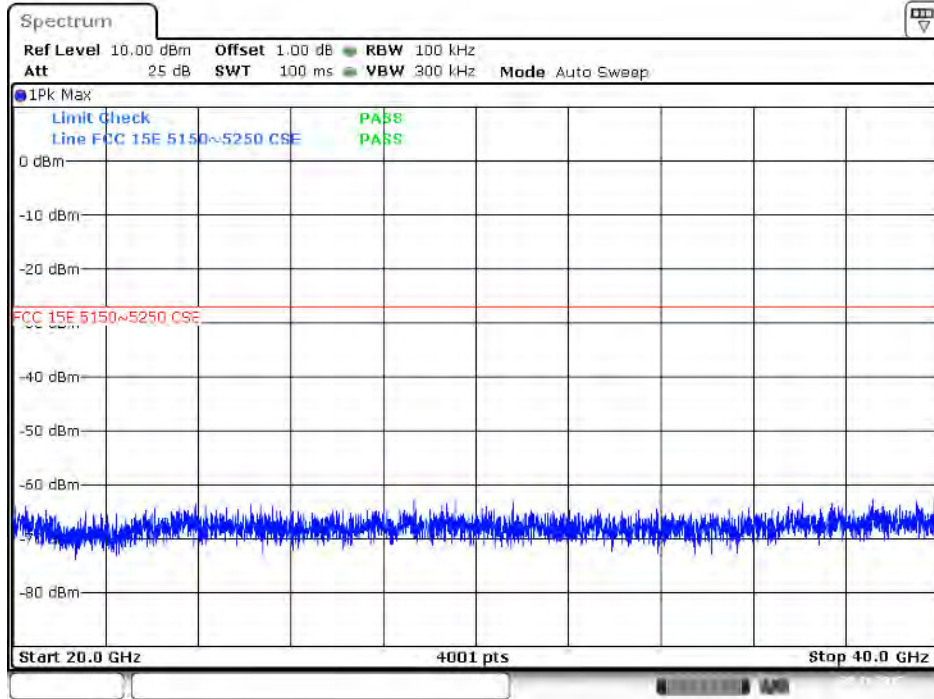
Date: 28.NOV.2015 16:38:54

Band I 11a CH36 (1 ~ 20 GHz)



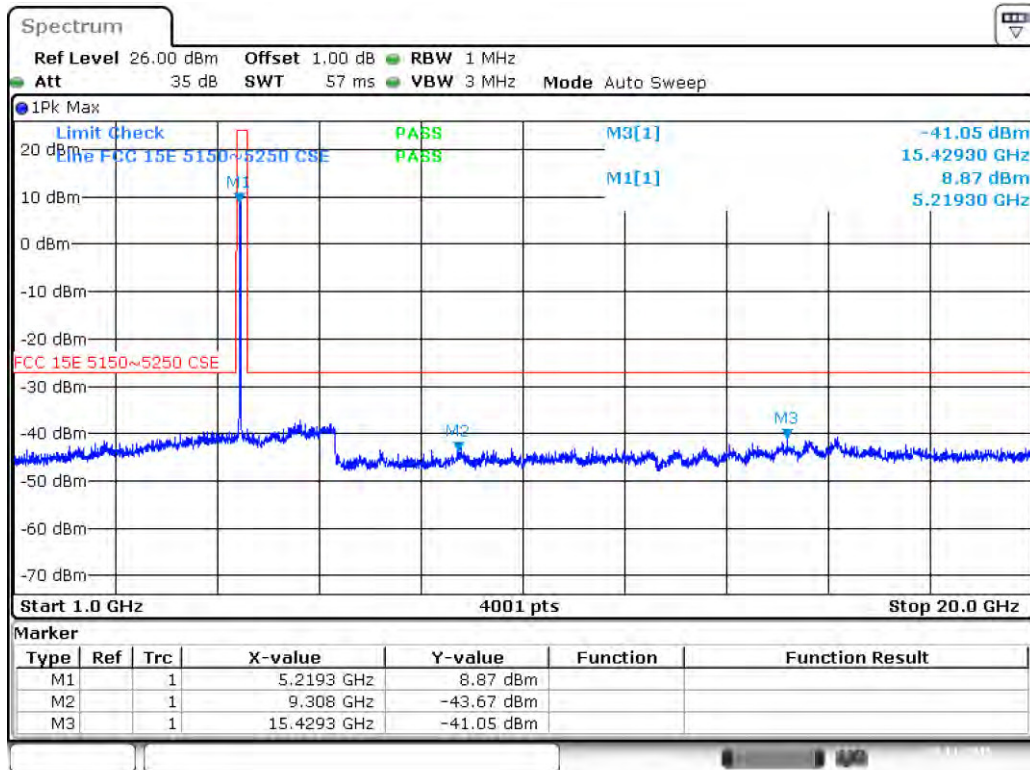
Date: 24.NOV.2015 17:50:01

Band I 11a CH36 (20 ~ 40 GHz)



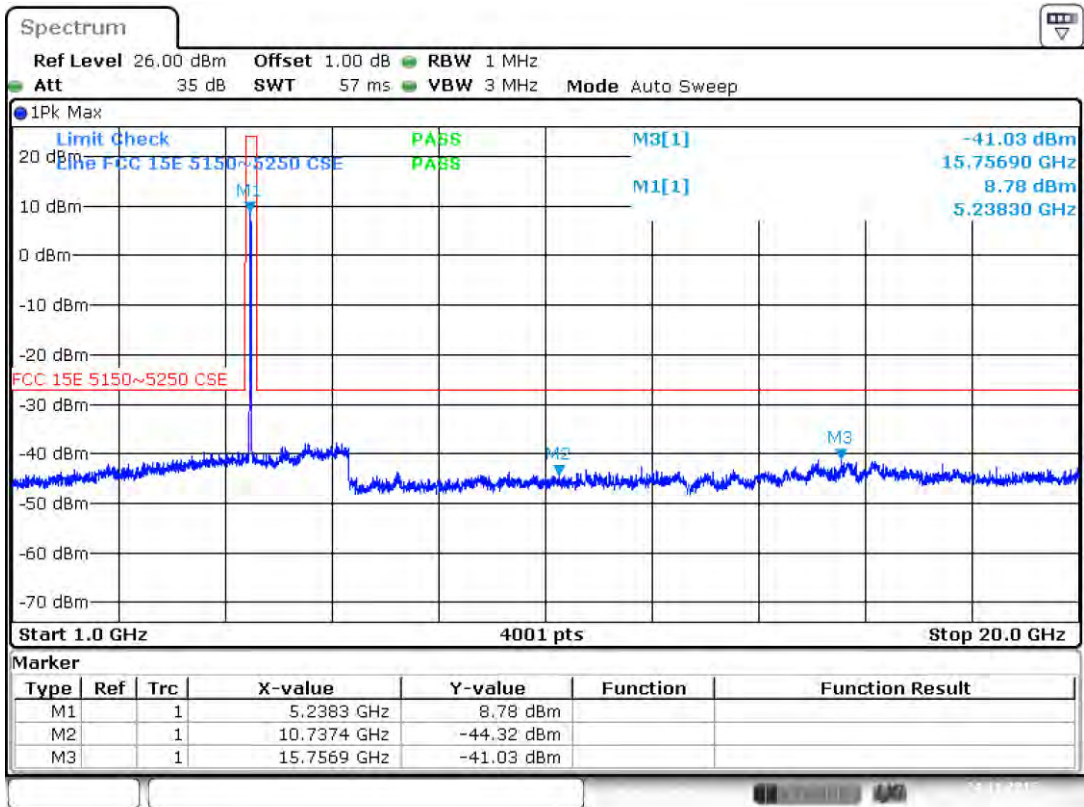
Date: 28.NOV.2015 16:39:51

Band I 11a CH44 (1 ~ 20 GHz)



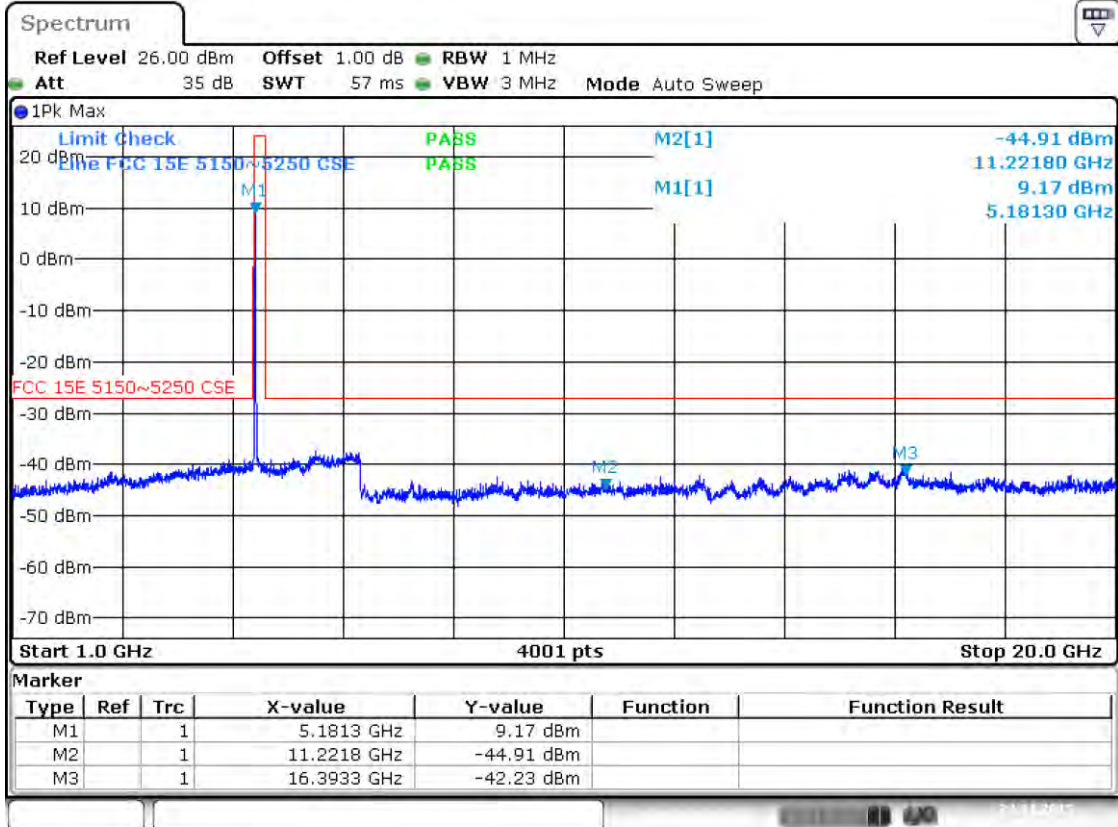
Date: 24.NOV.2015 17:52:20

Band I 11a CH48 (1 ~ 20 GHz)



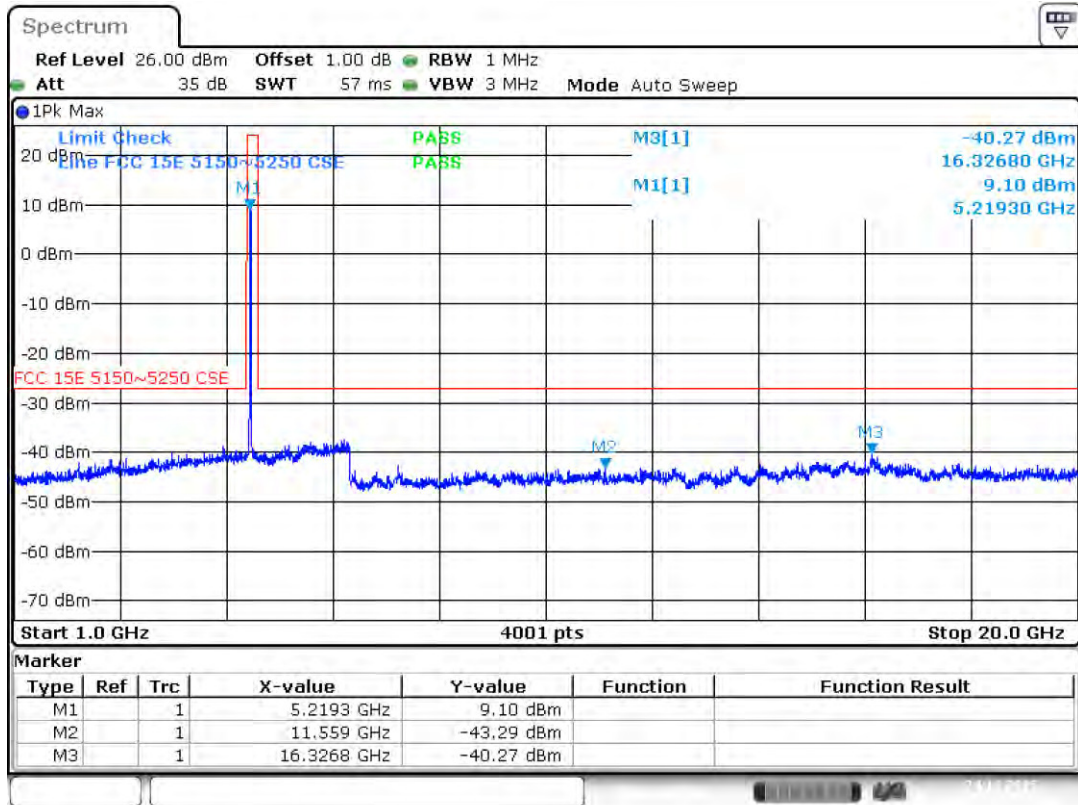
Date: 24.NOV.2015 17:54:05

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



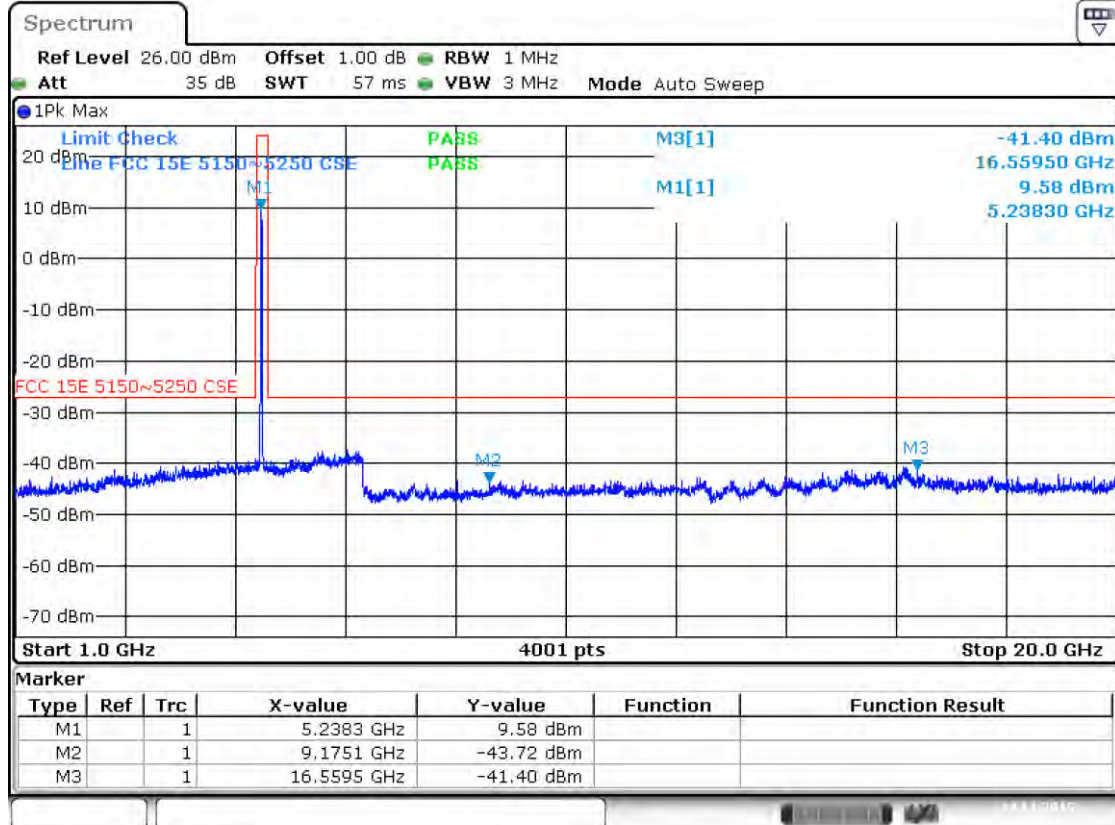
Date: 24.NOV.2015 18:17:53

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



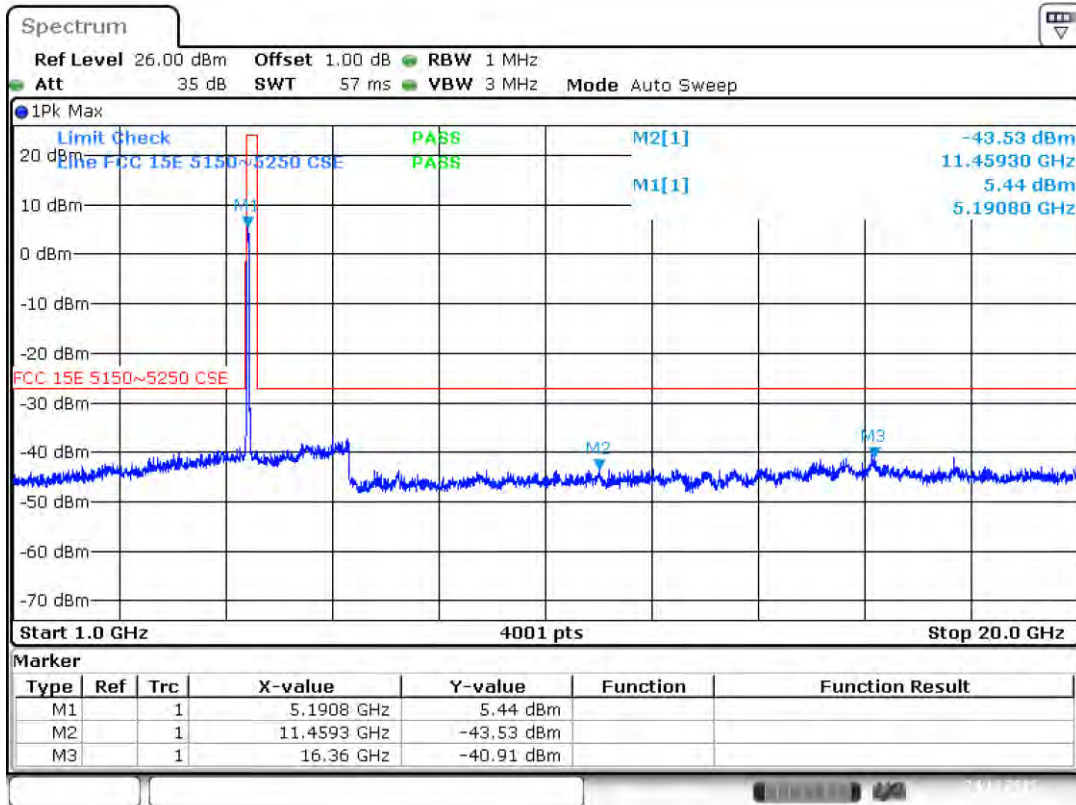
Date: 24.NOV.2015 18:19:38

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



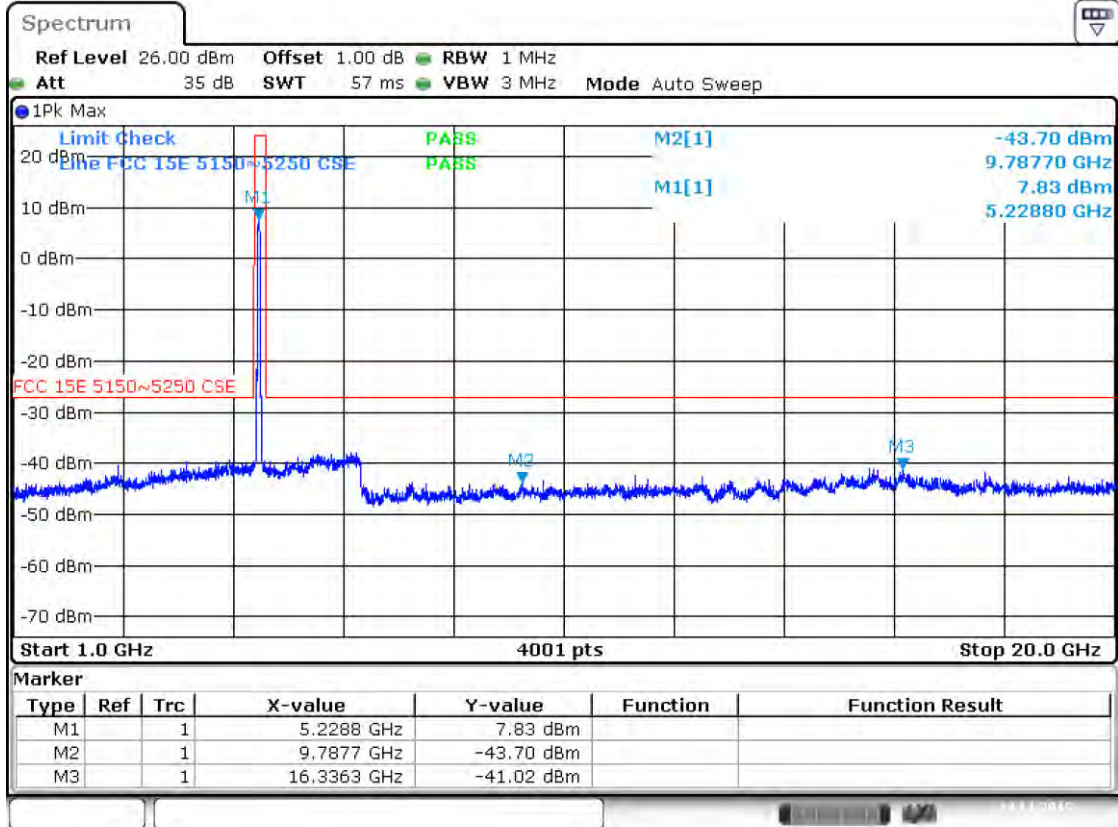
Date: 24.NOV.2015 18:21:30

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



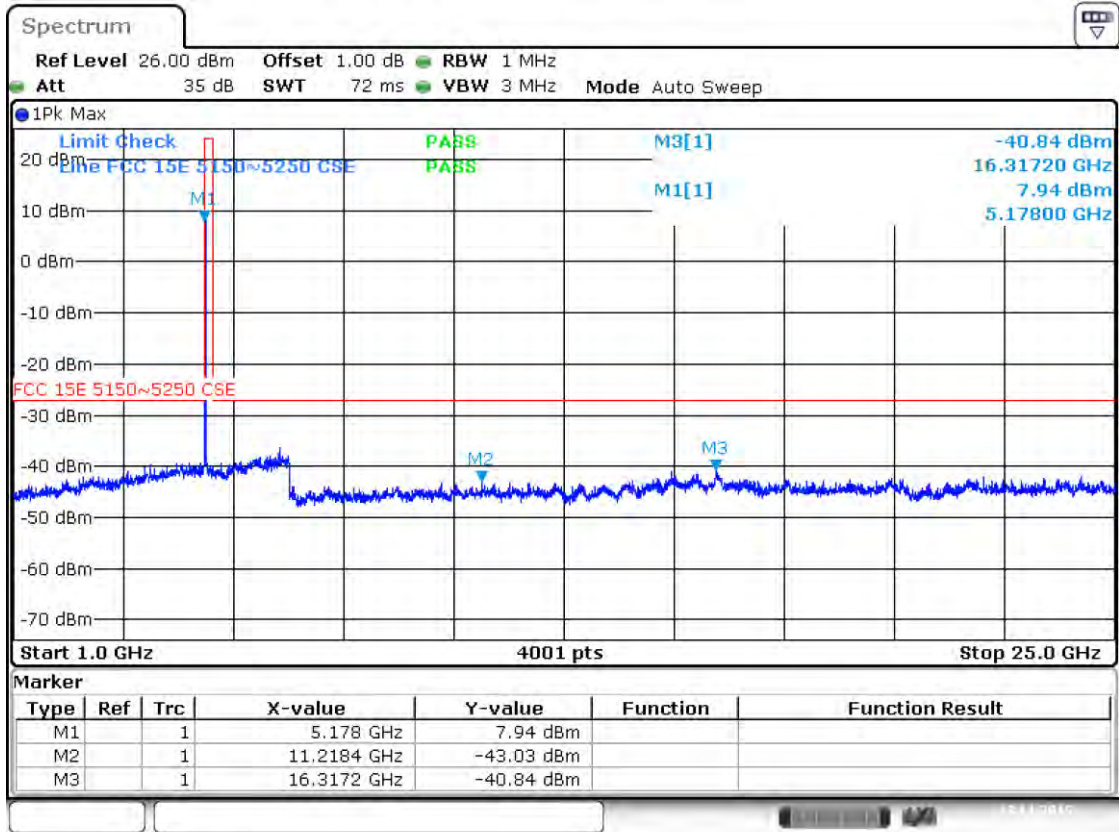
Date: 24.NOV.2015 18:58:43

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



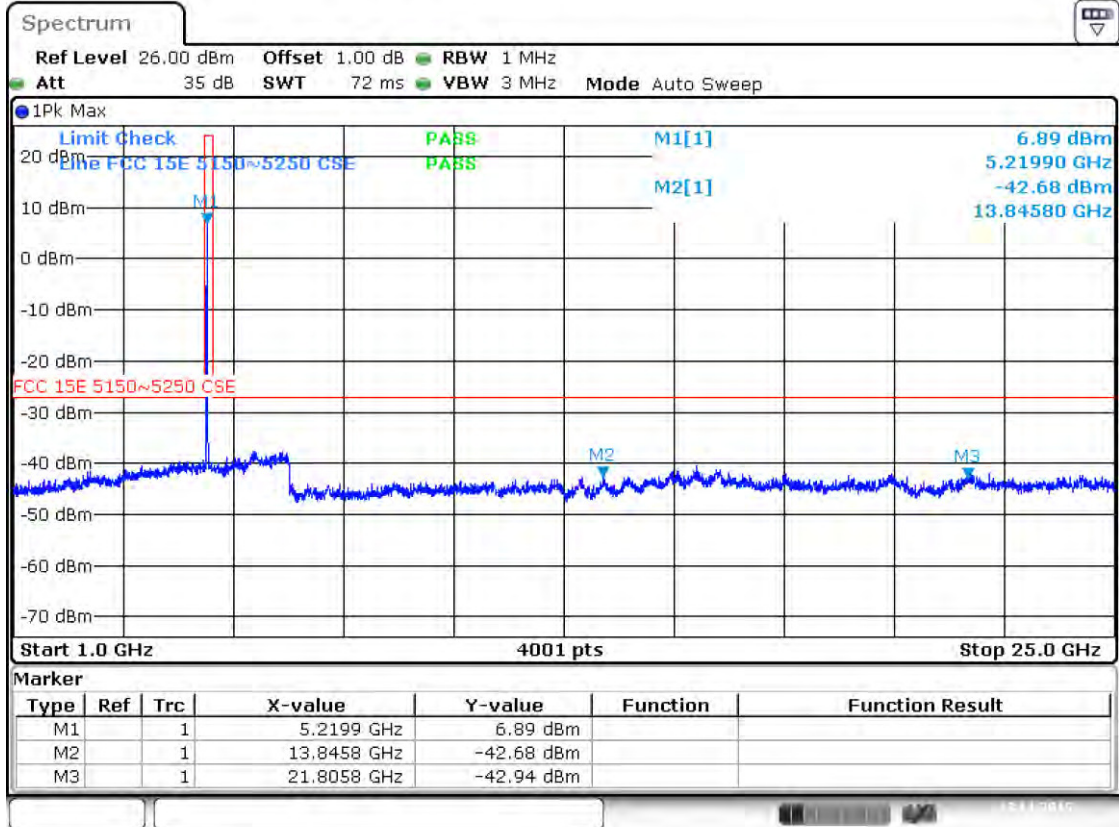
Date: 24.NOV.2015 19:00:09

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



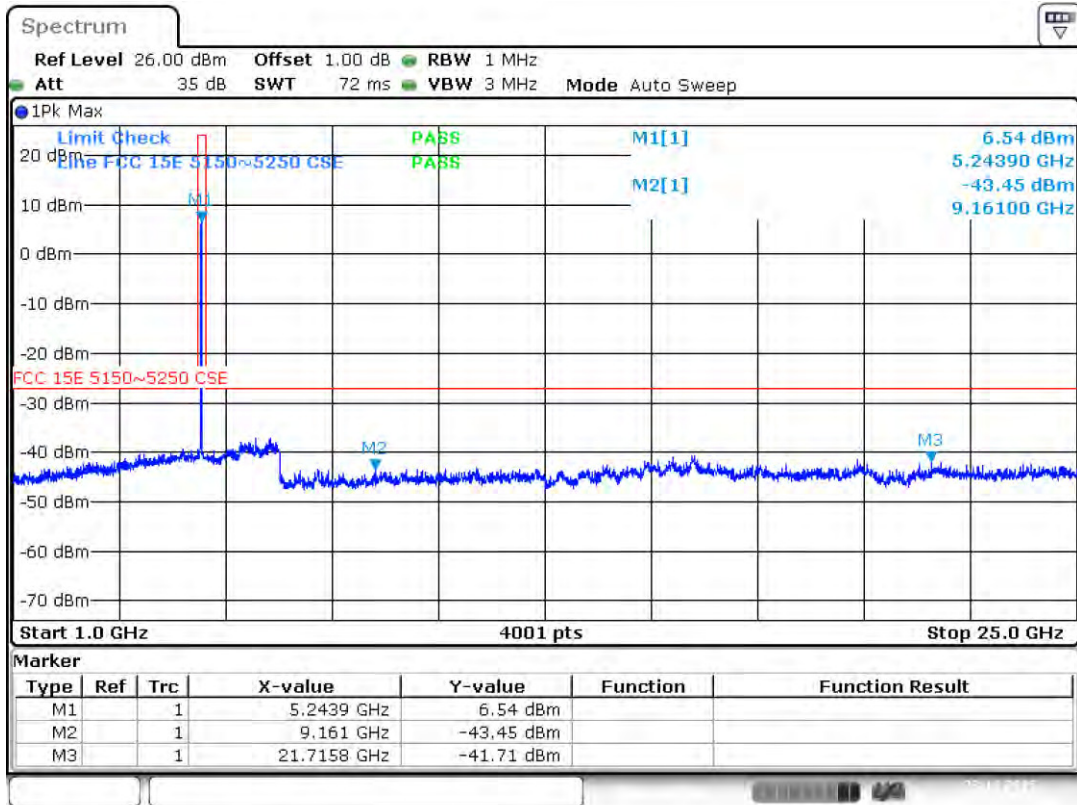
Date: 23.NOV.2015 14:59:43

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



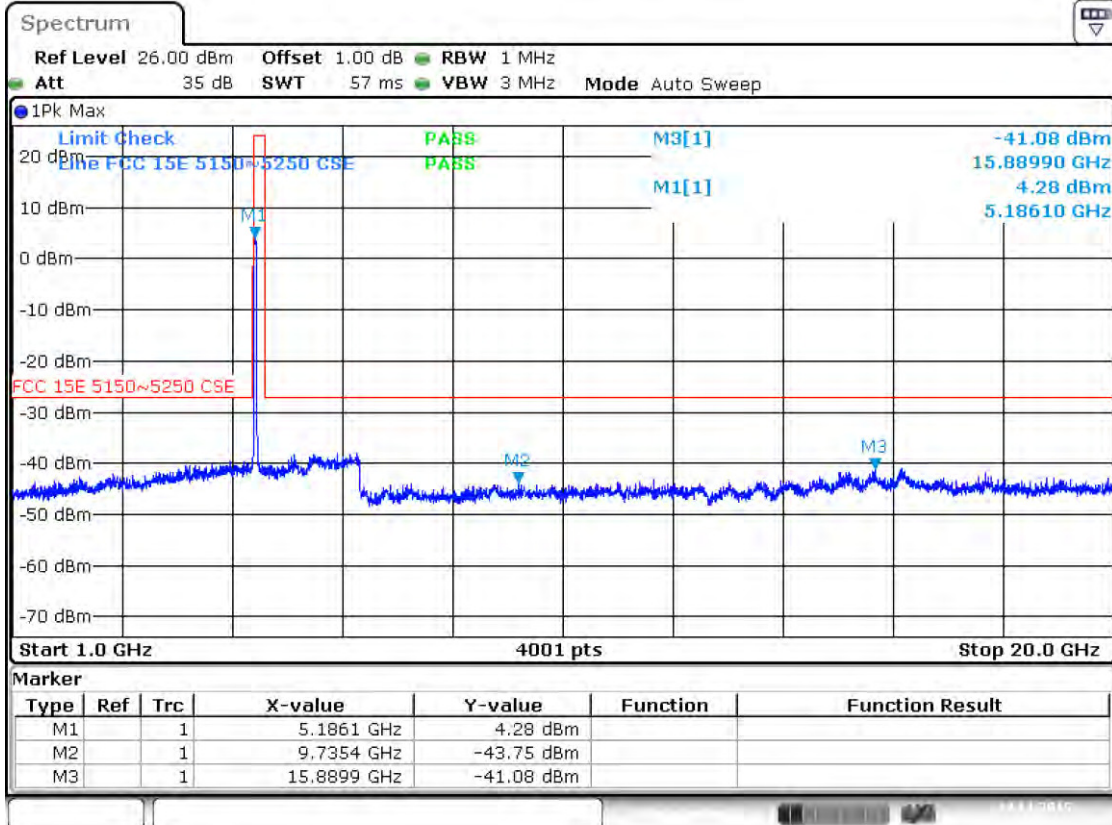
Date: 23.NOV.2015 15:01:50

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



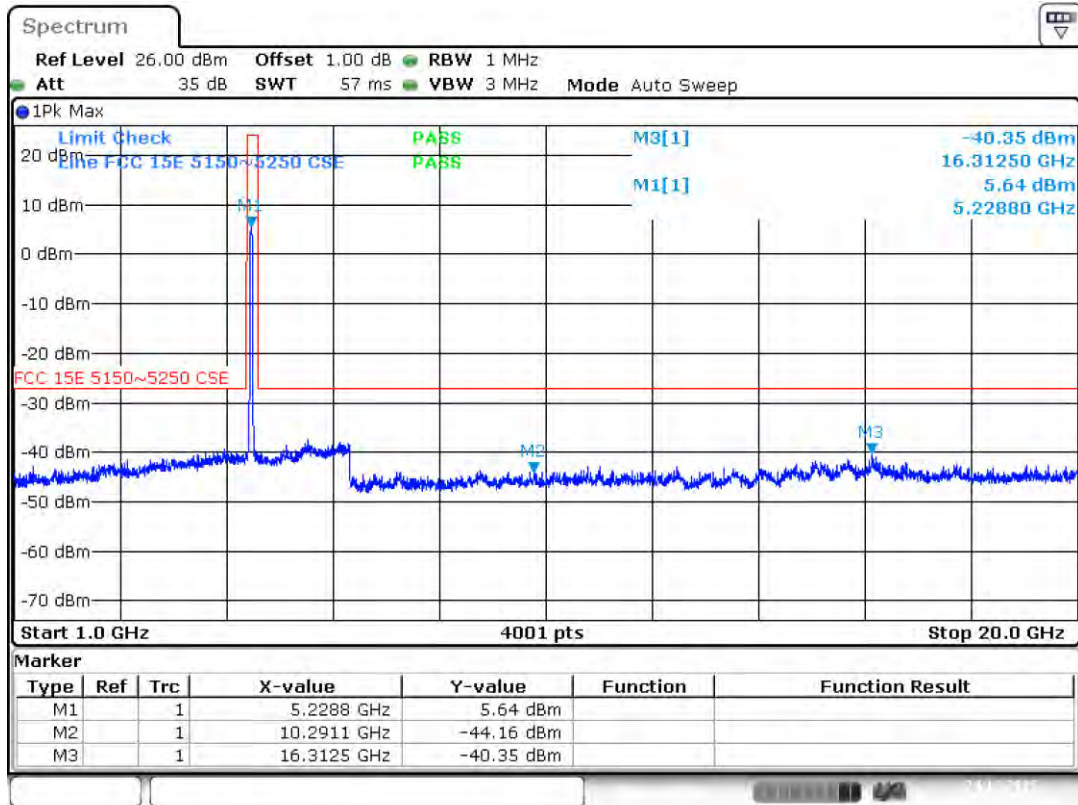
Date: 23.NOV.2015 15:04:49

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



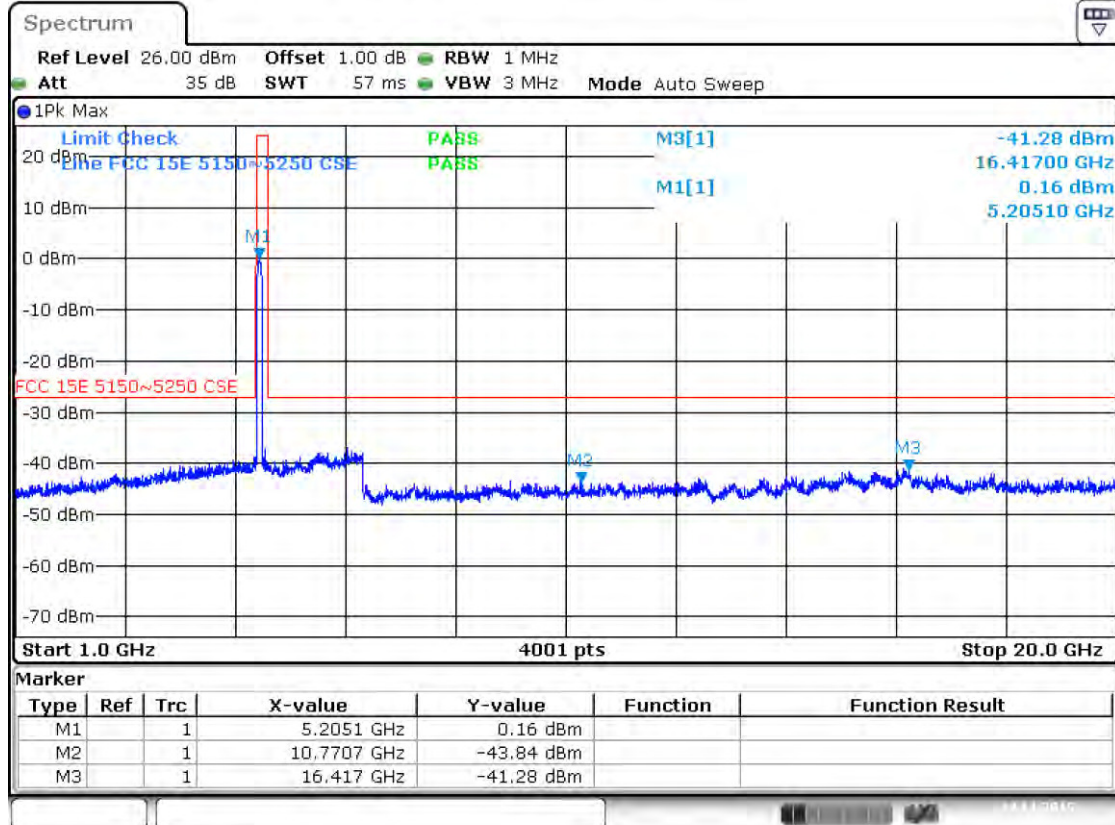
Date: 24.NOV.2015 18:38:47

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



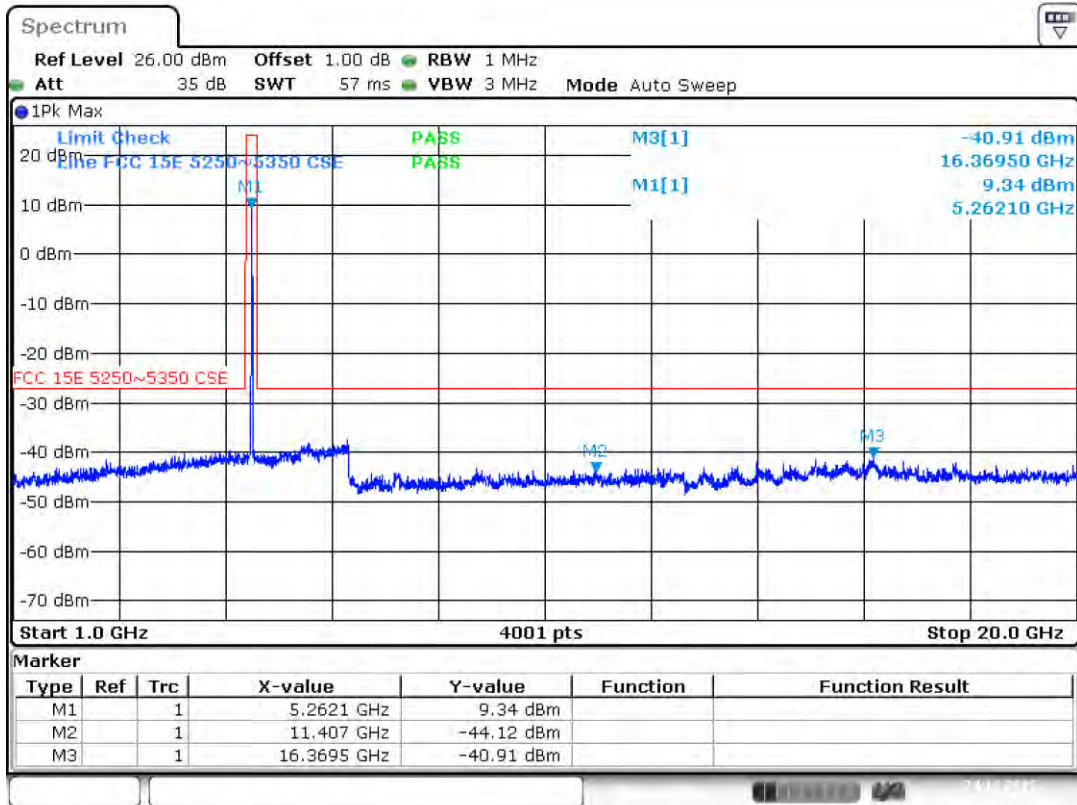
Date: 24.NOV.2015 18:47:10

Band I 11ac(HT80) CH42 (1 ~ 20 GHz)



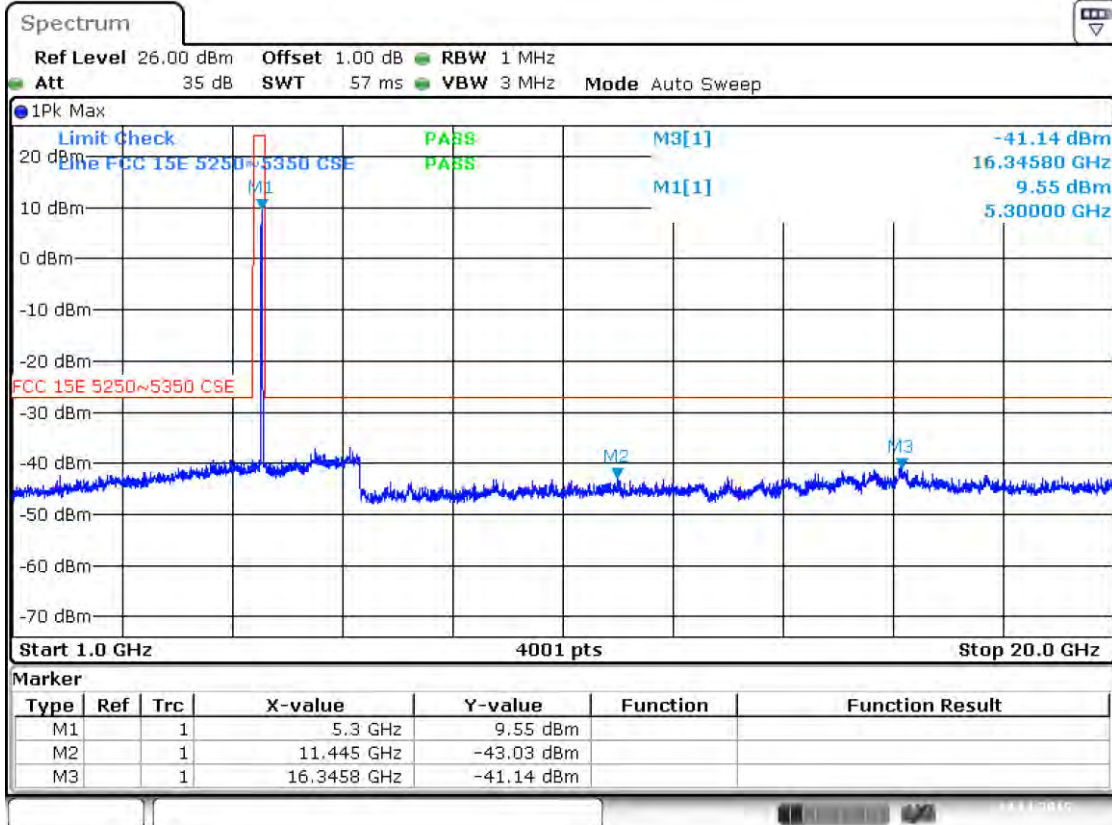
Date: 24.NOV.2015 19:12:30

Band II 11a CH52 (1 ~ 20 GHz)



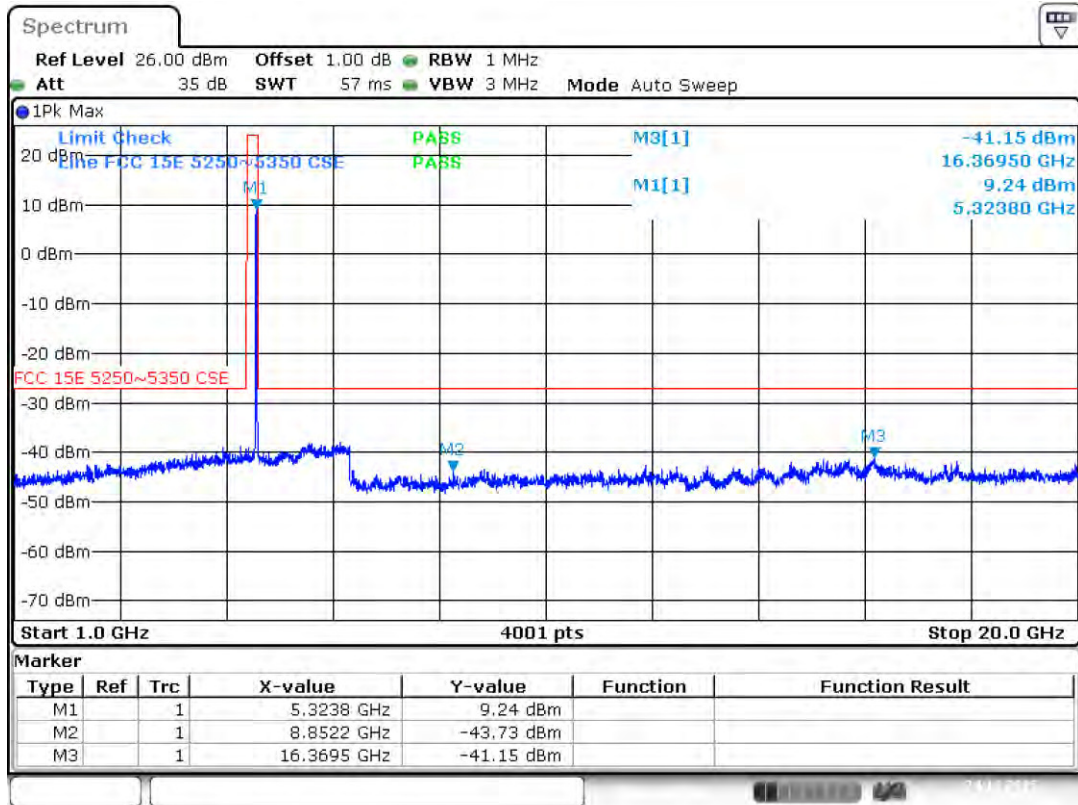
Date: 24.NOV.2015 17:56:12

Band II 11a CH60 (1 ~ 20 GHz)



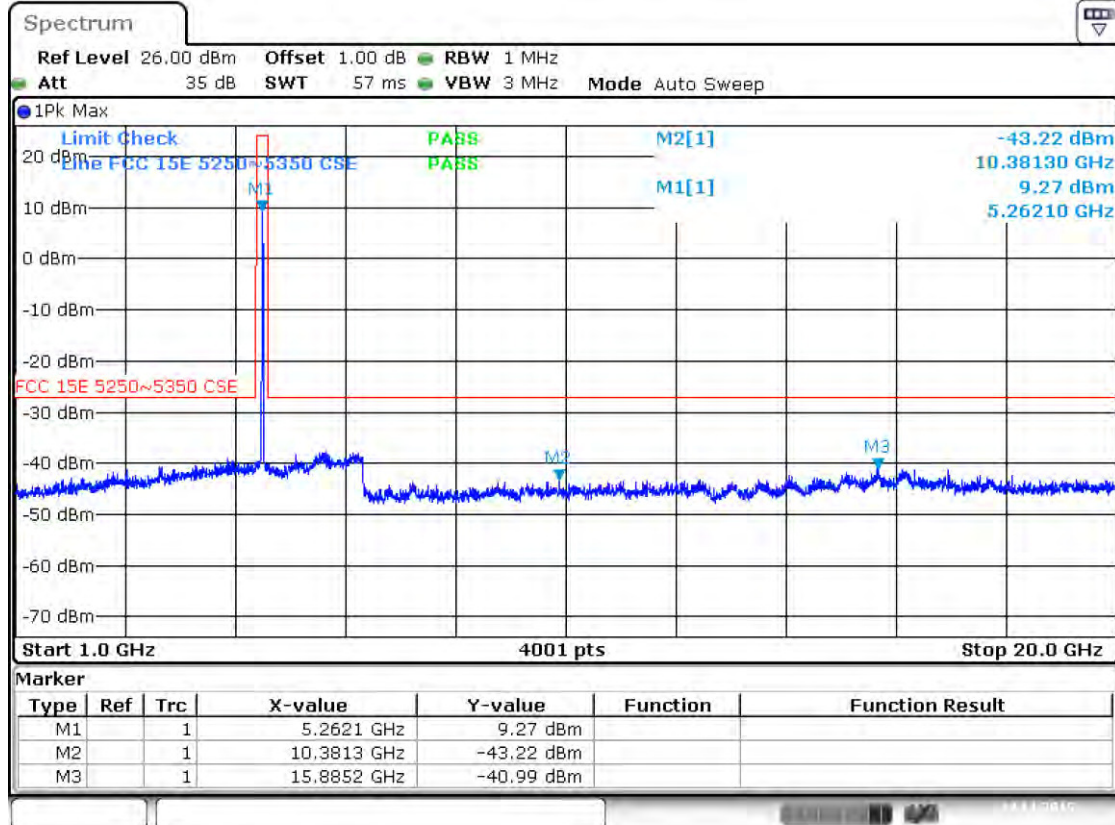
Date: 24.NOV.2015 17:57:52

Band II 11a CH64 (1 ~ 20 GHz)



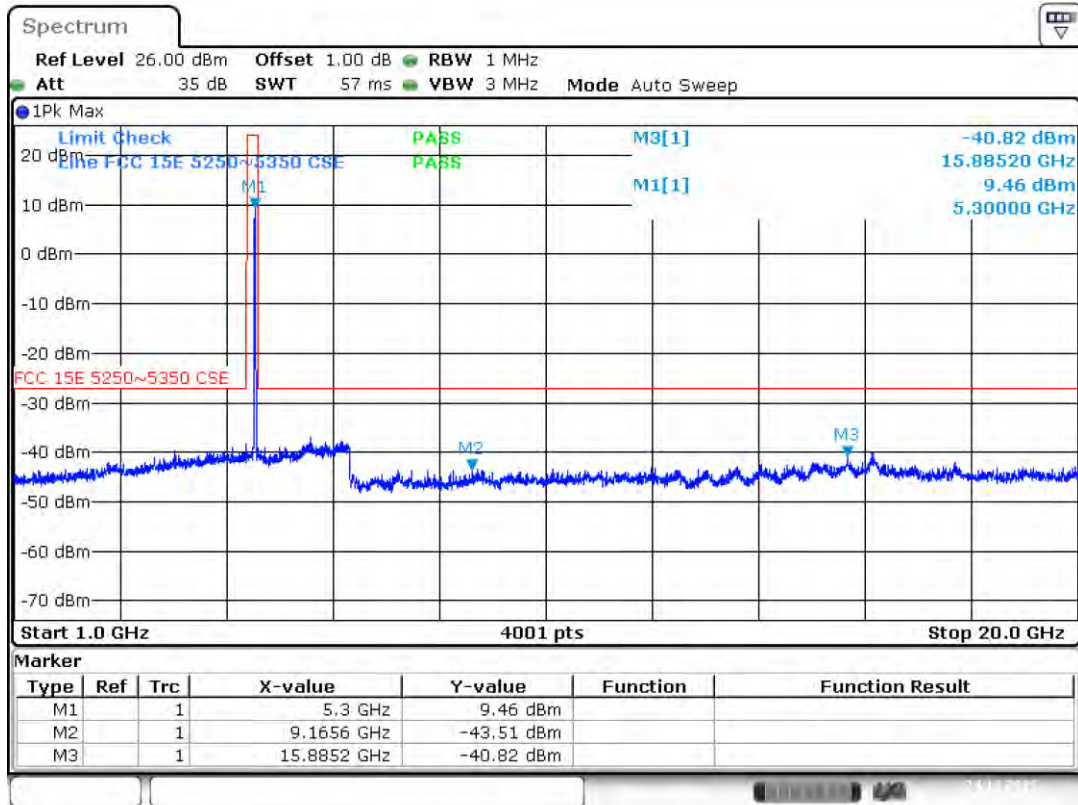
Date: 24.NOV.2015 17:59:22

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



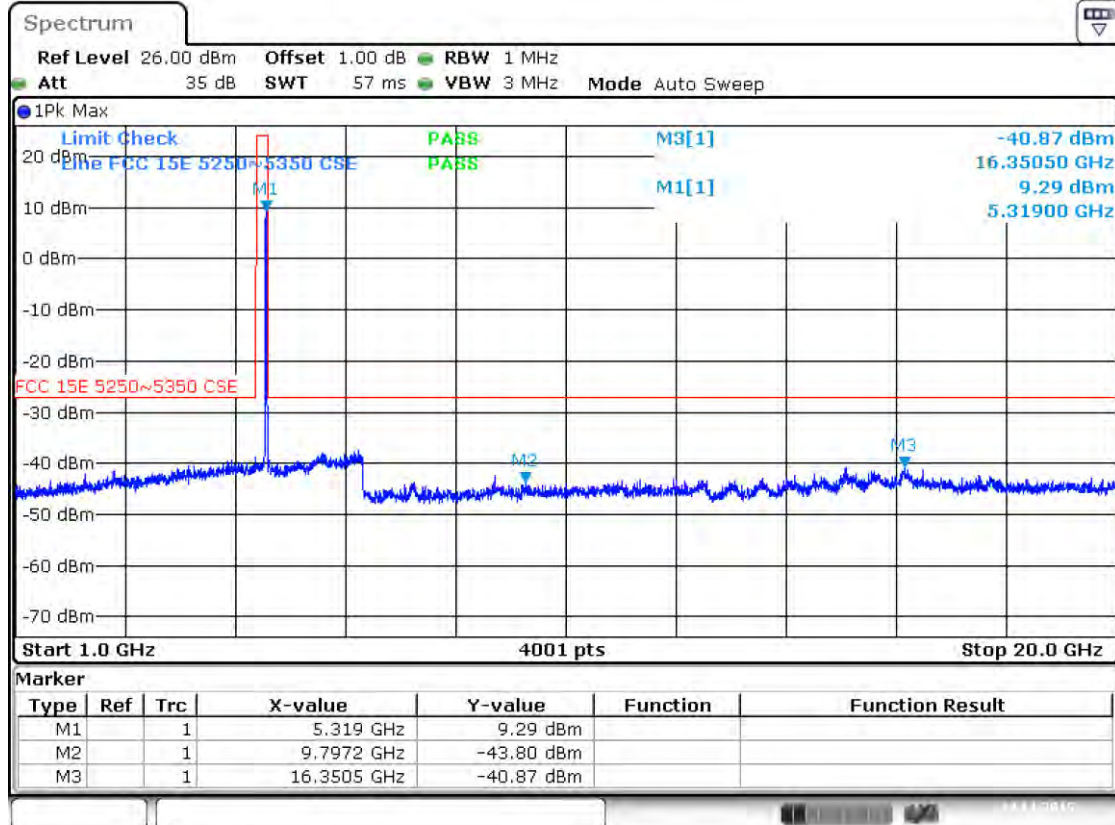
Date: 24.NOV.2015 18:23:04

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



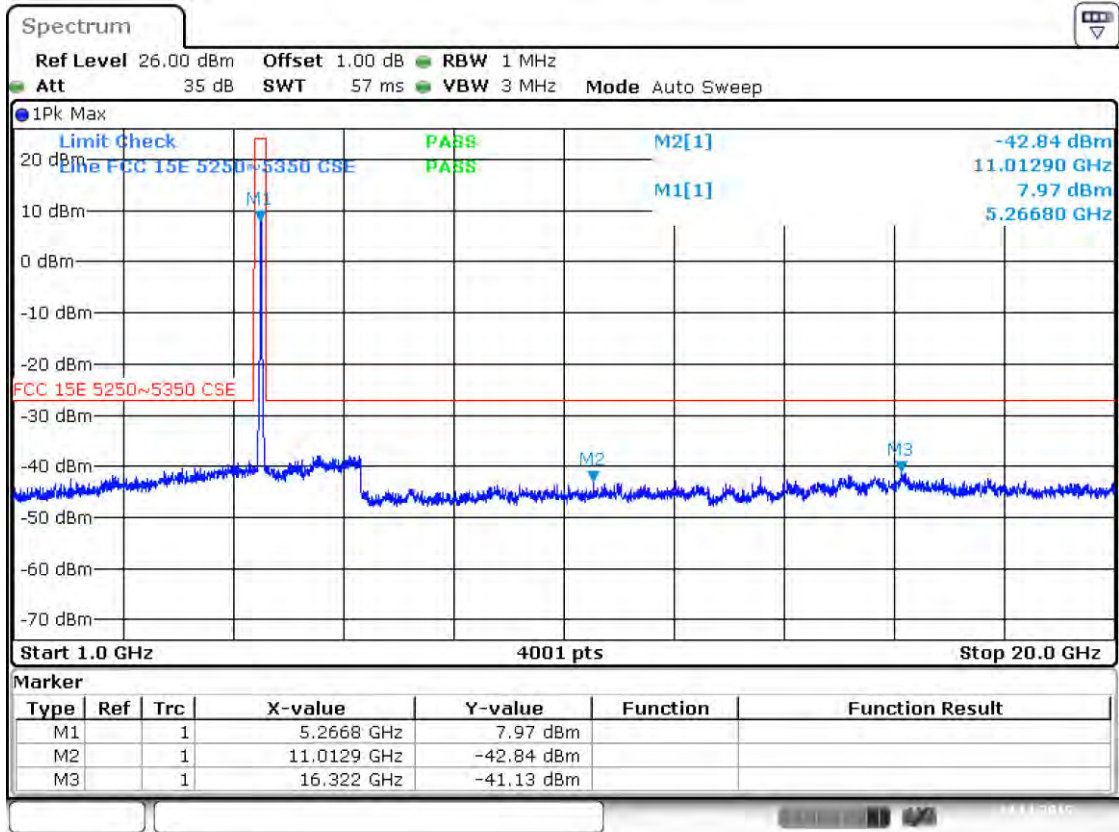
Date: 24.NOV.2015 18:24:43

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



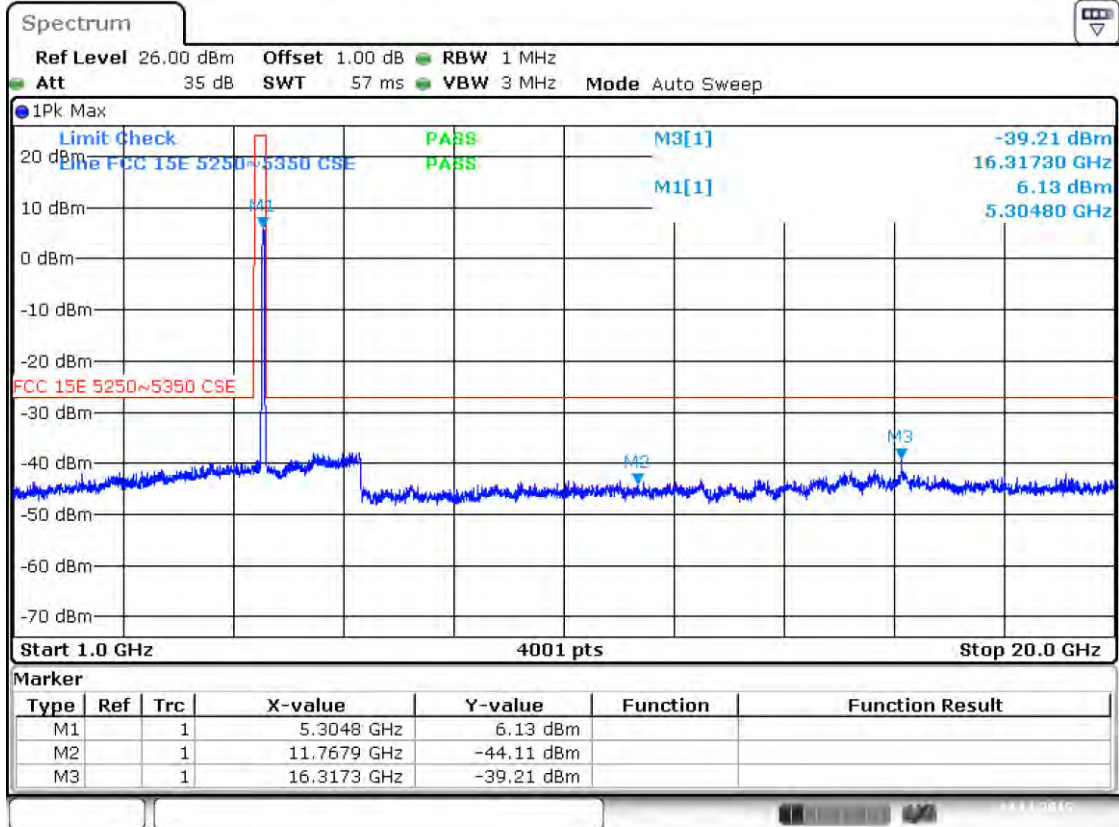
Date: 24.NOV.2015 18:26:18

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



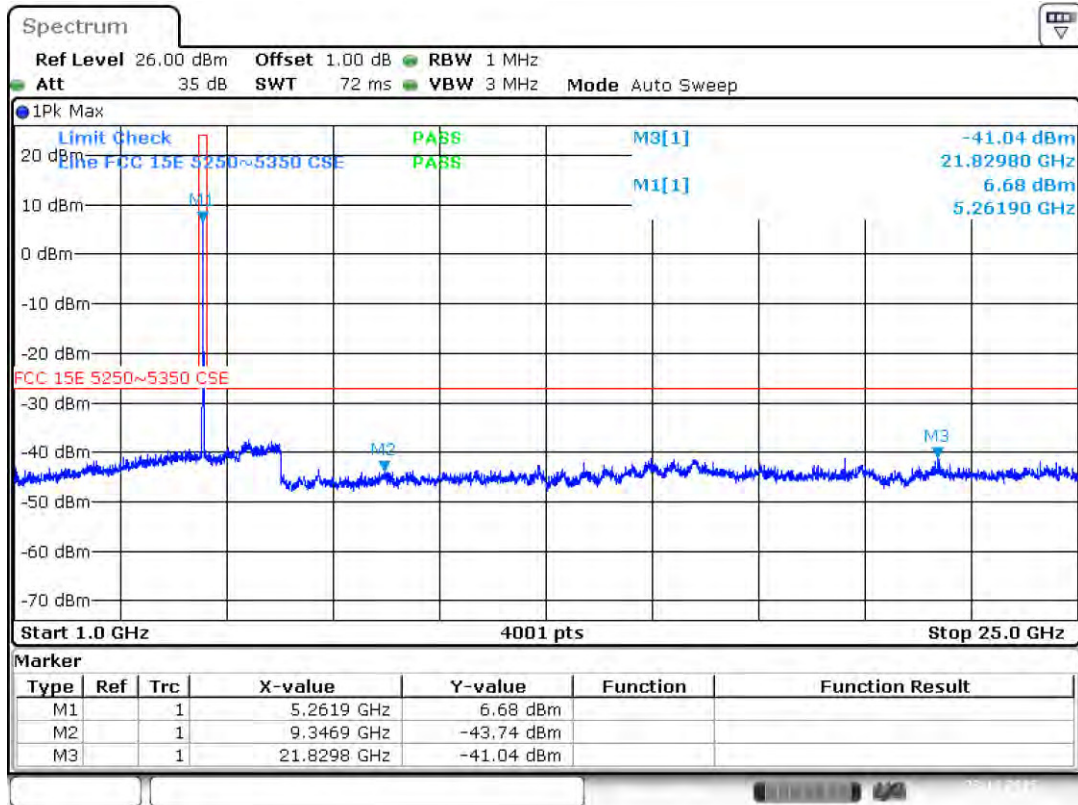
Date: 24.NOV.2015 19:01:51

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



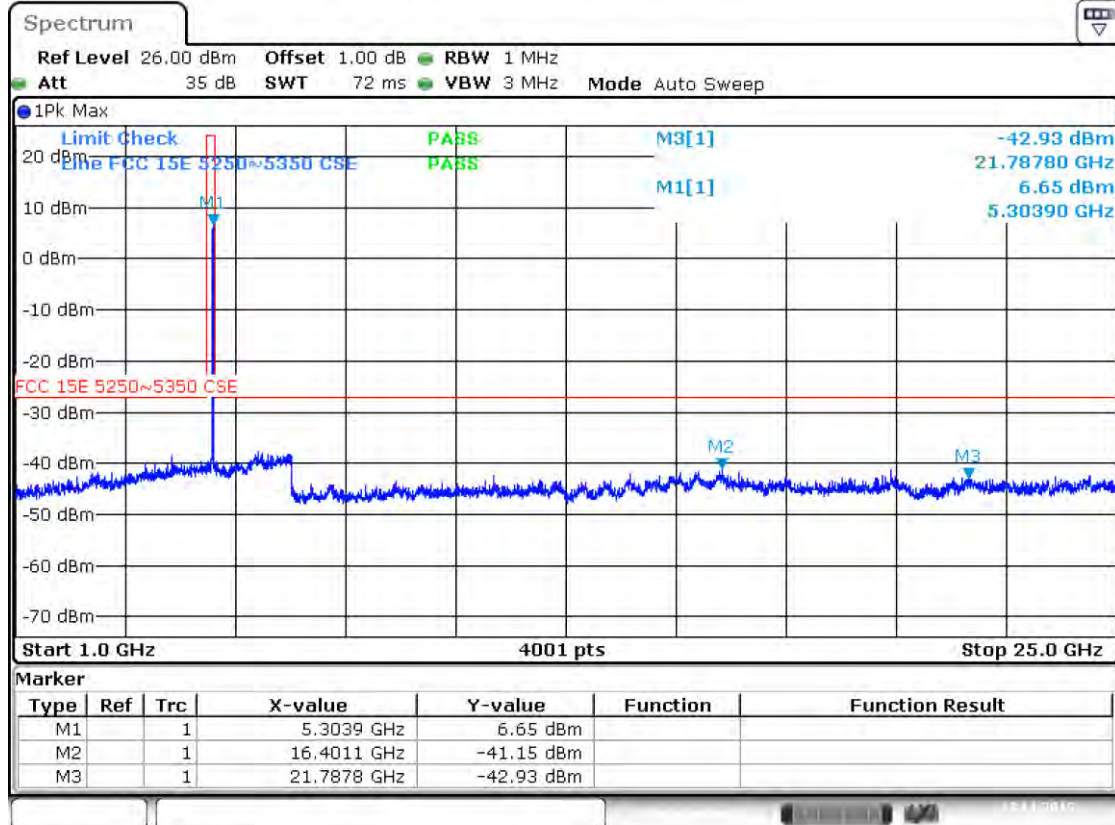
Date: 24.NOV.2015 19:03:17

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



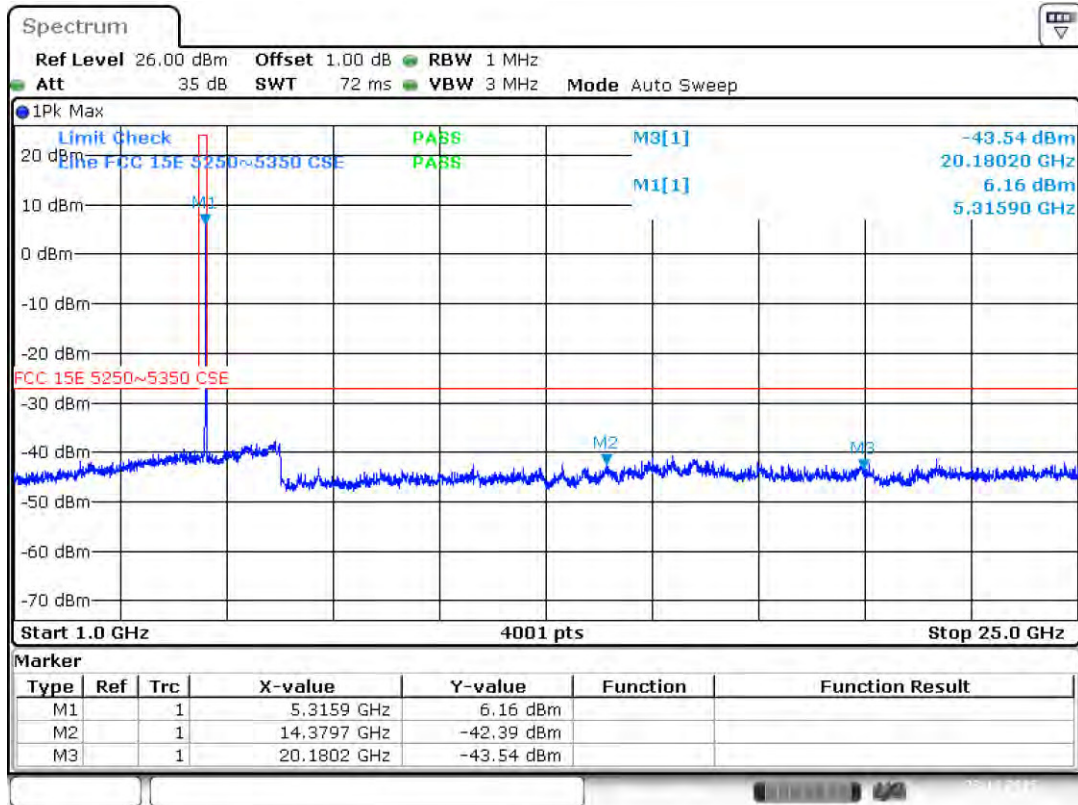
Date: 23.NOV.2015 15:09:29

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



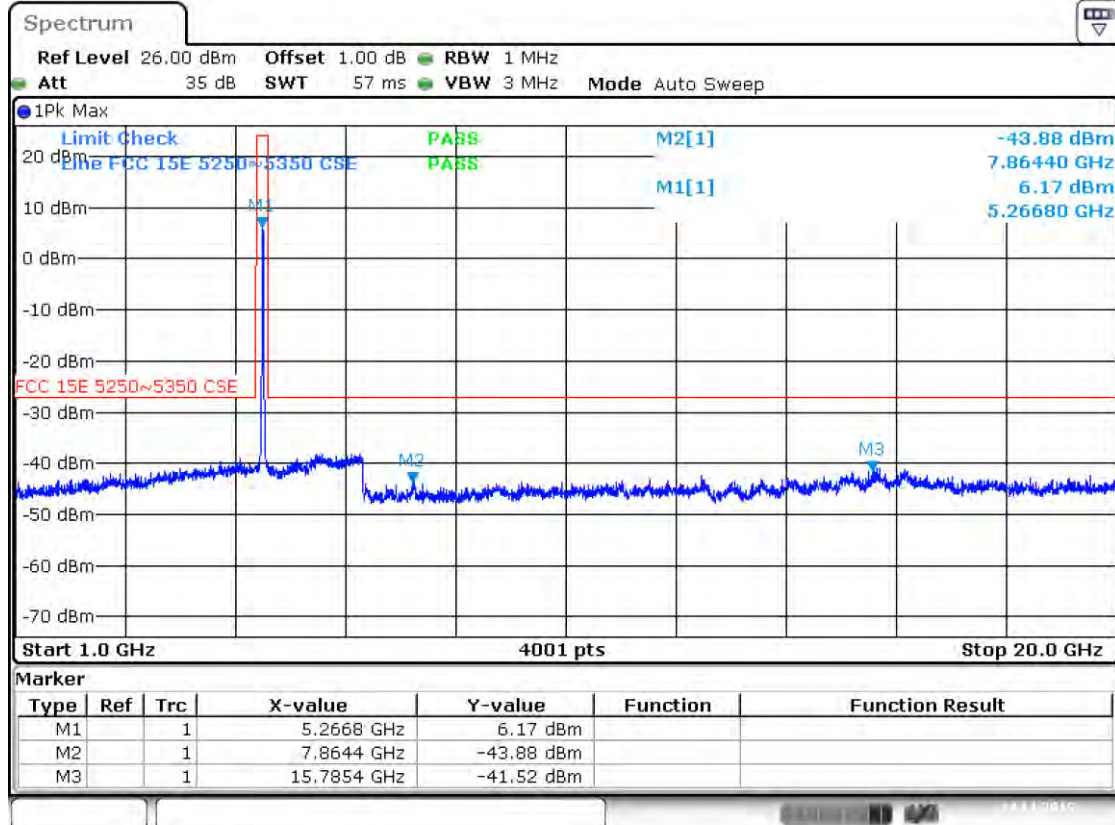
Date: 23.NOV.2015 15:11:53

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



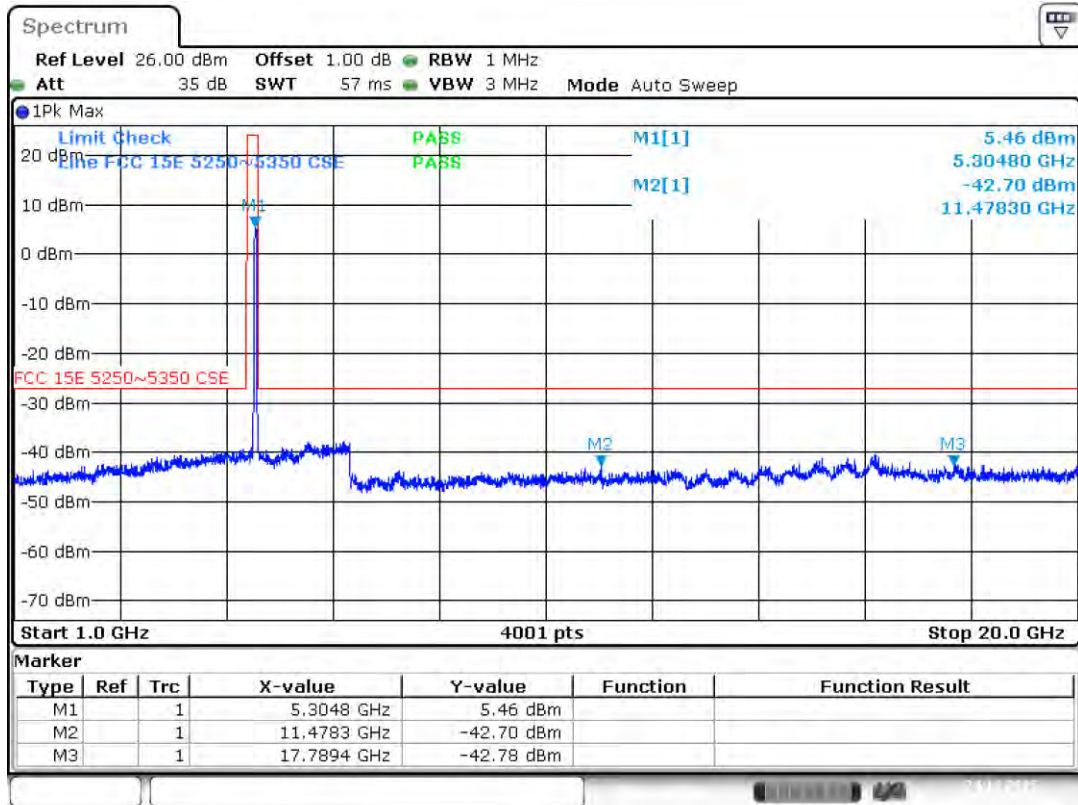
Date: 23.NOV.2015 15:13:29

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



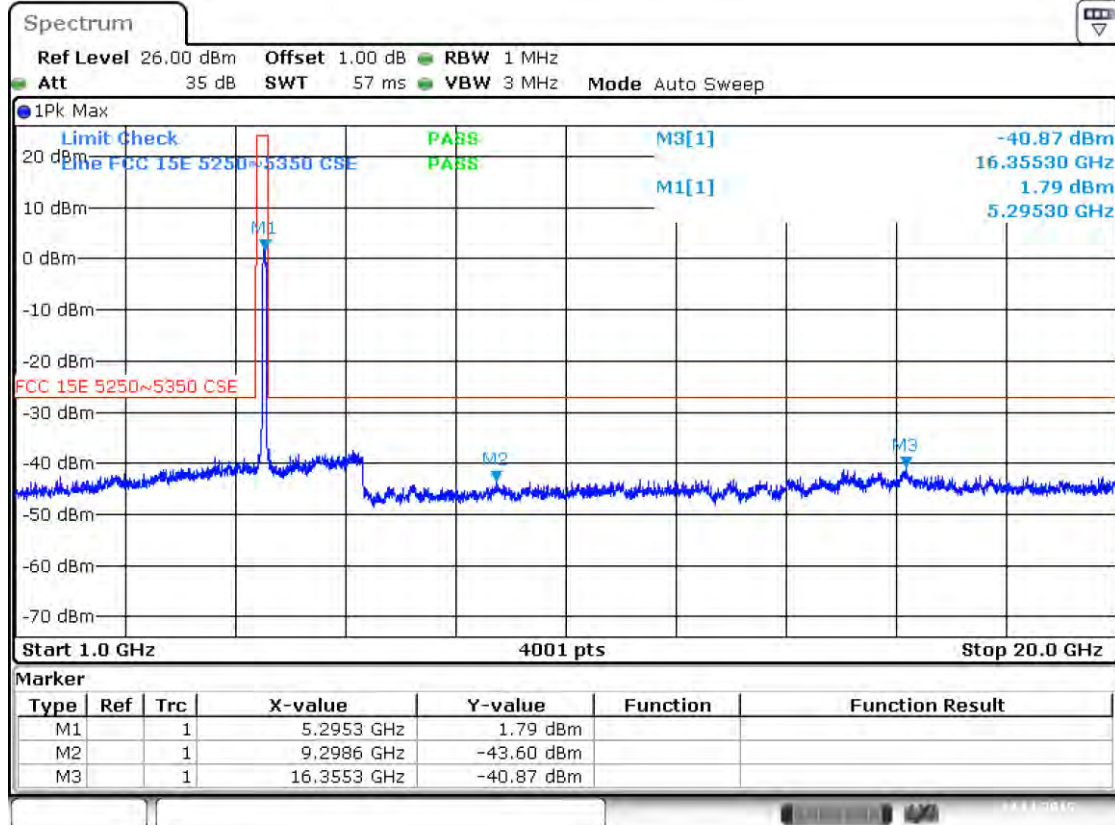
Date: 24.NOV.2015 18:48:33

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



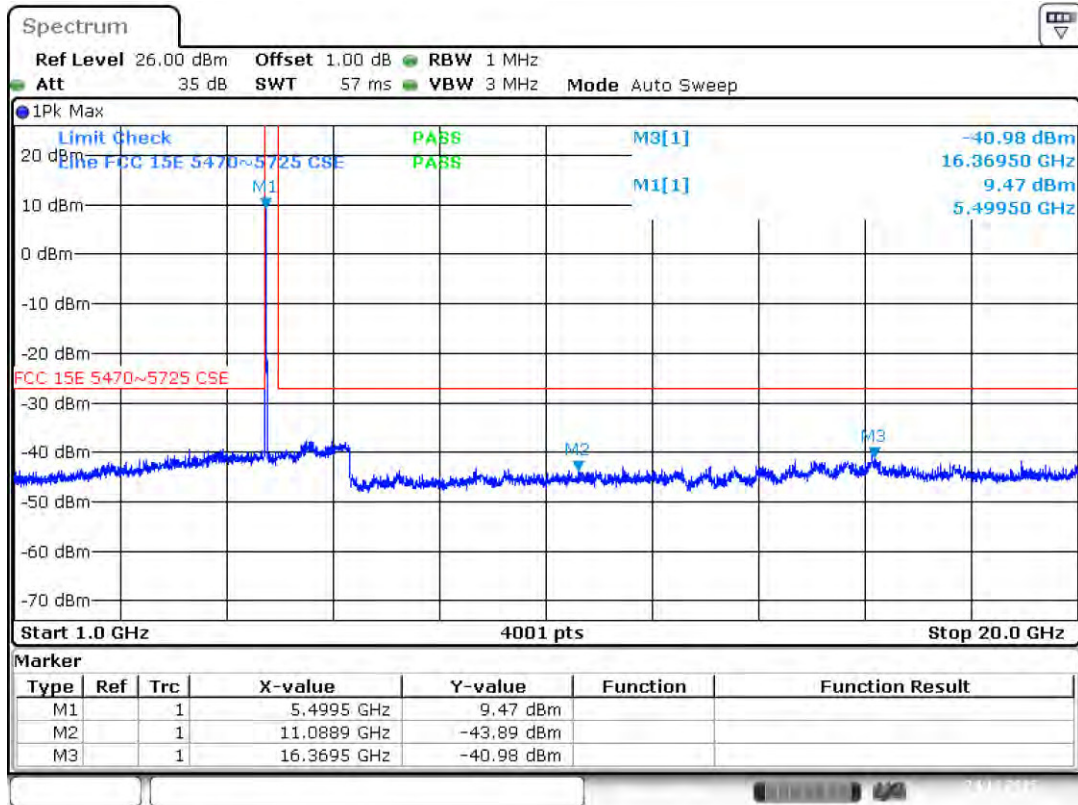
Date: 24.NOV.2015 18:50:43

Band II 11ac(HT80) CH58 (1 ~ 20 GHz)



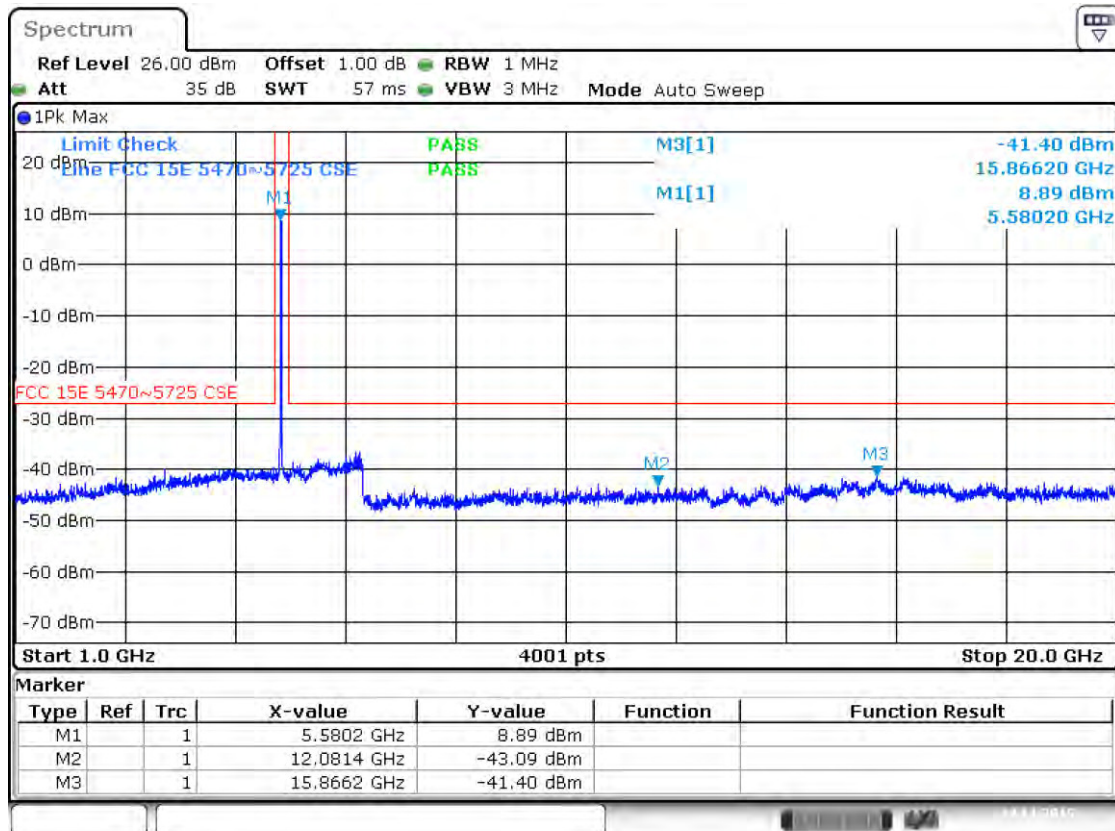
Date: 24.NOV.2015 19:14:12

Band III 11a CH100 (1 ~ 20 GHz)



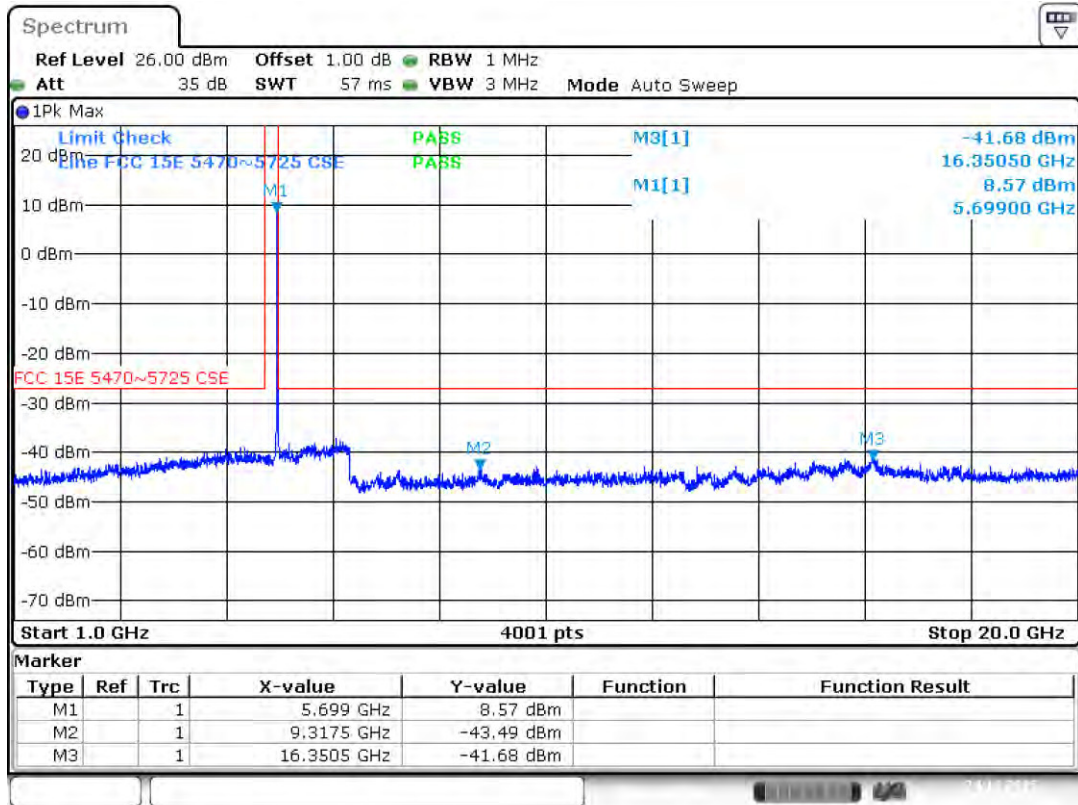
Date: 24.NOV.2015 18:01:09

Band III 11a CH116 (1 ~ 20 GHz)



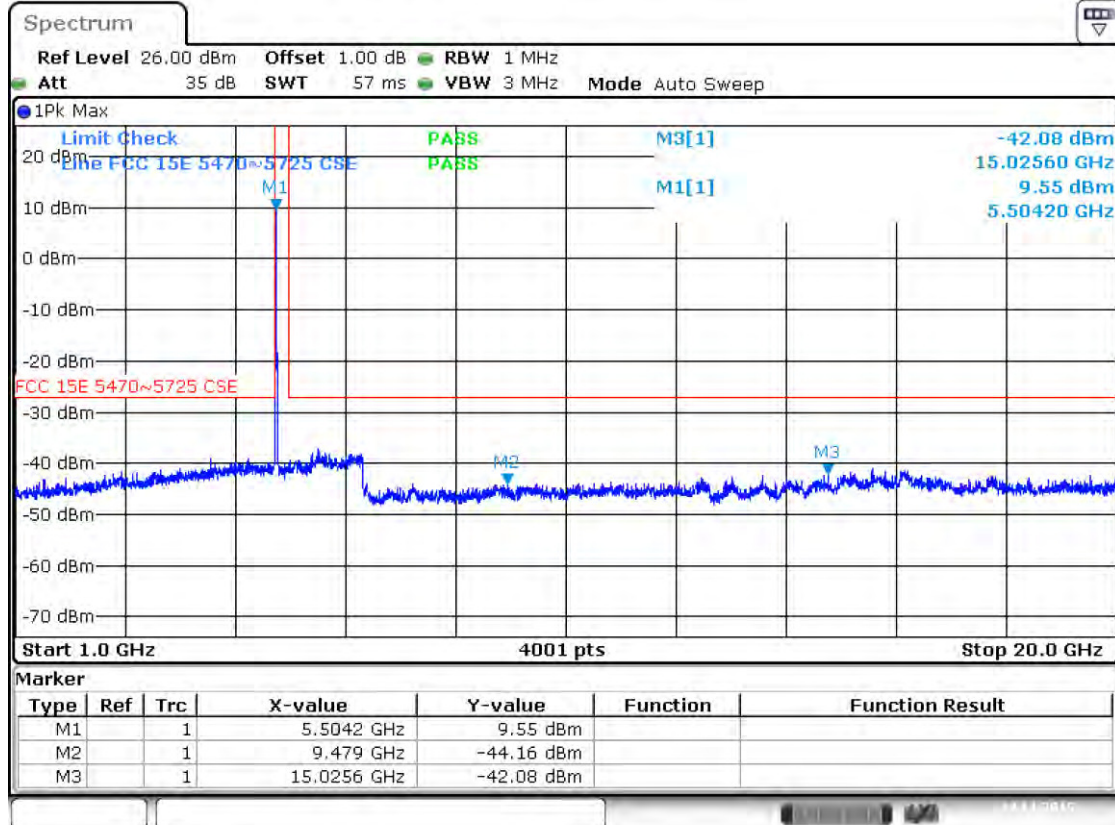
Date: 24.NOV.2015 18:02:37

Band III 11a CH140 (1 ~ 20 GHz)



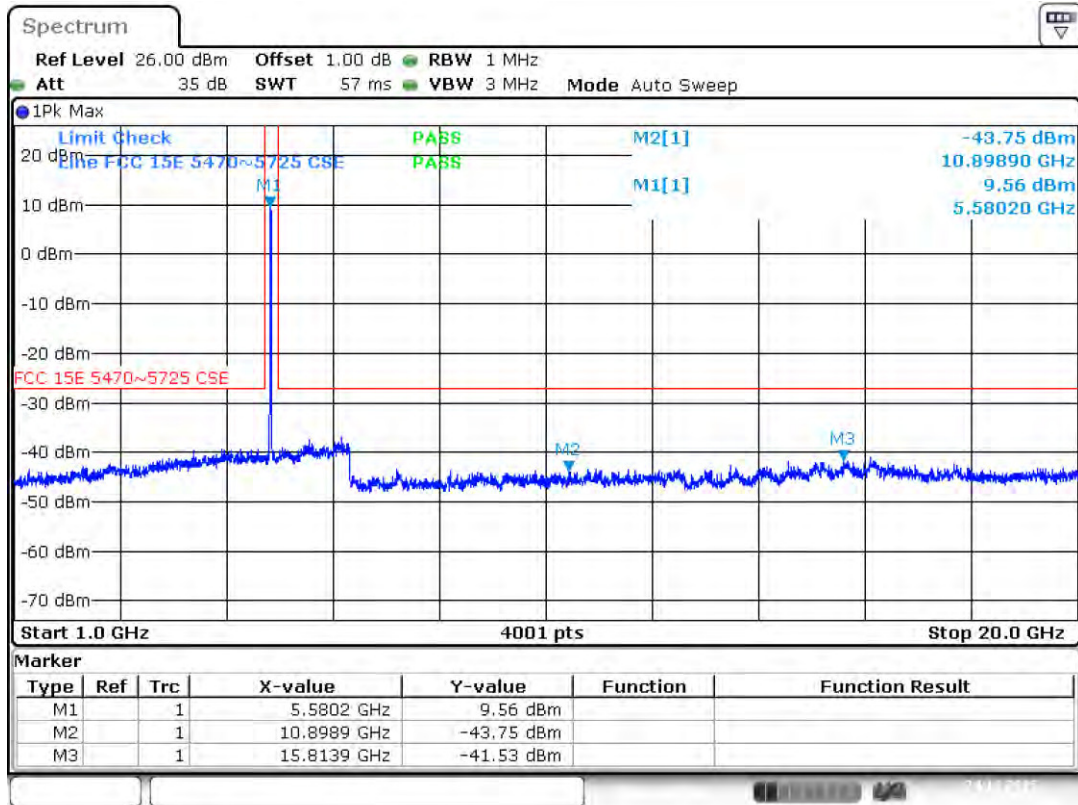
Date: 24.NOV.2015 18:04:43

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



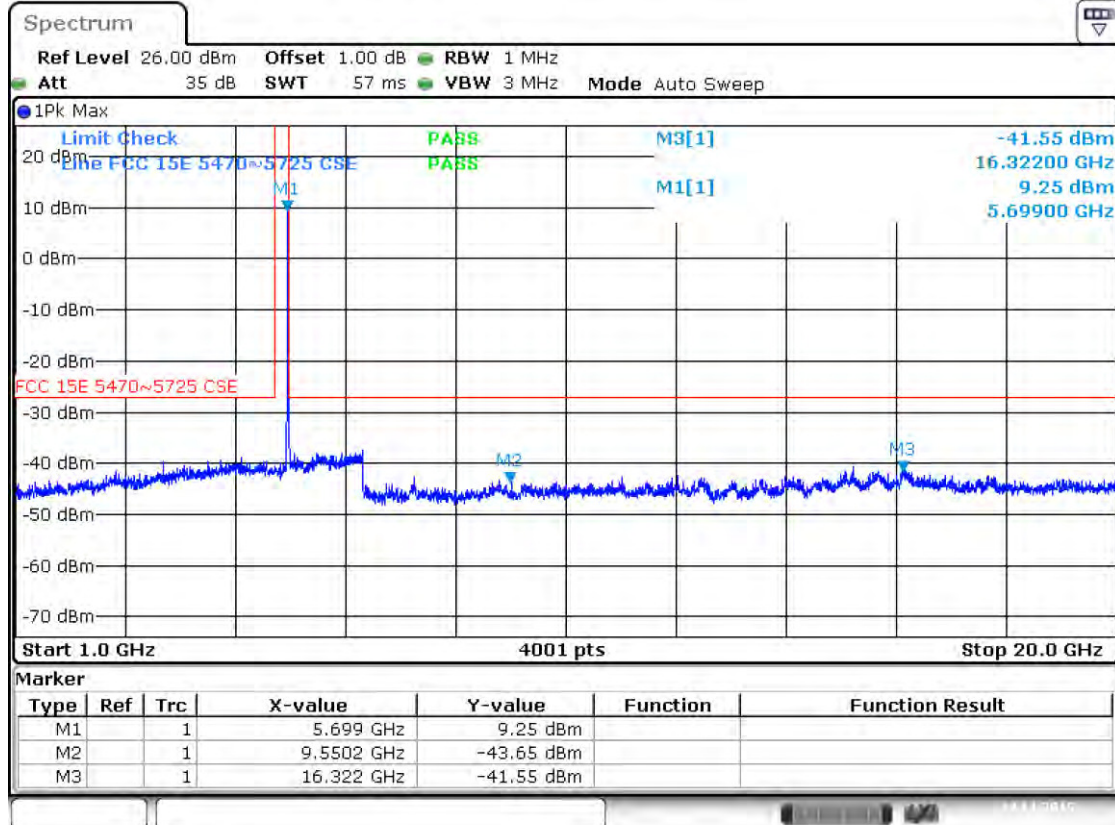
Date: 24.NOV.2015 18:27:56

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



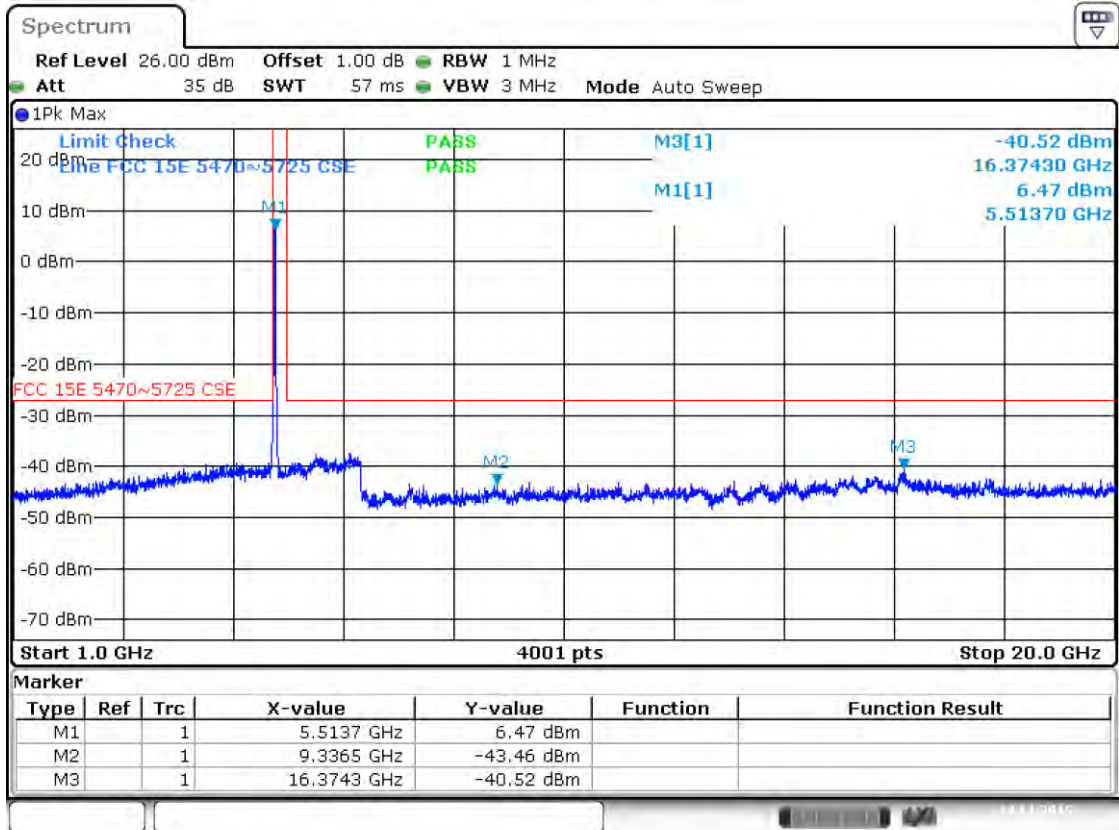
Date: 24.NOV.2015 18:29:28

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



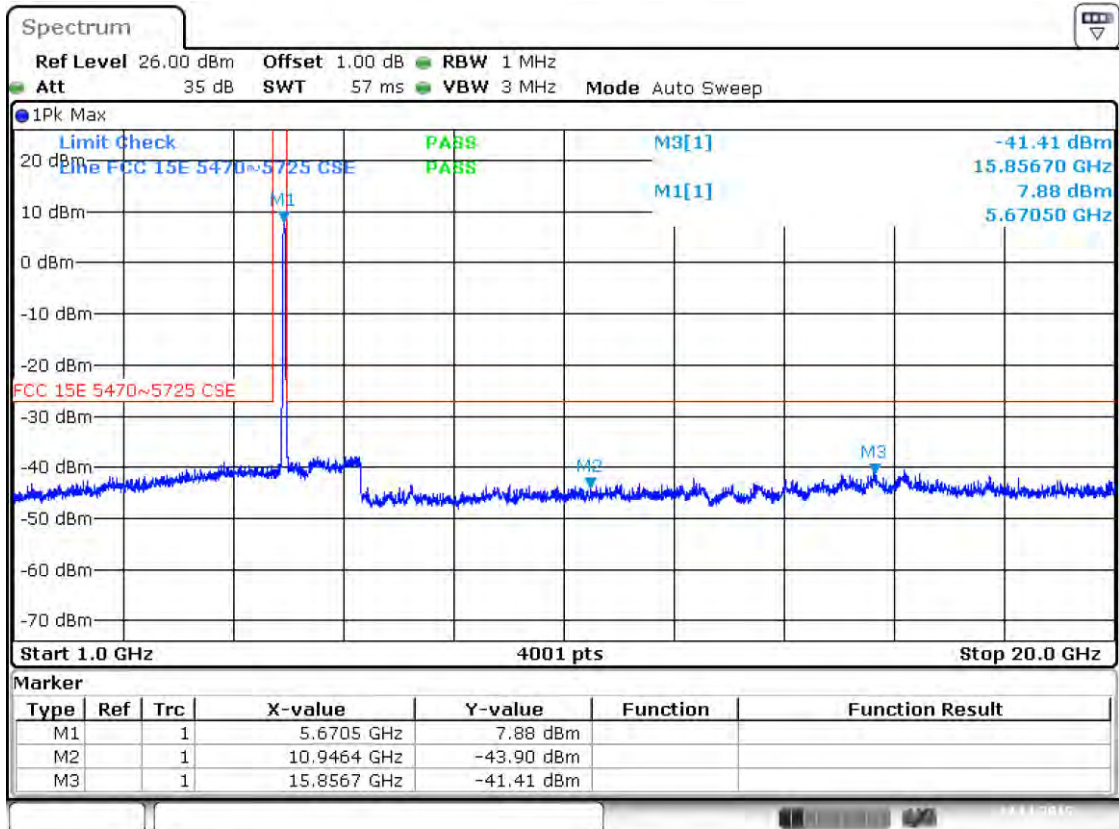
Date: 24.NOV.2015 18:30:56

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



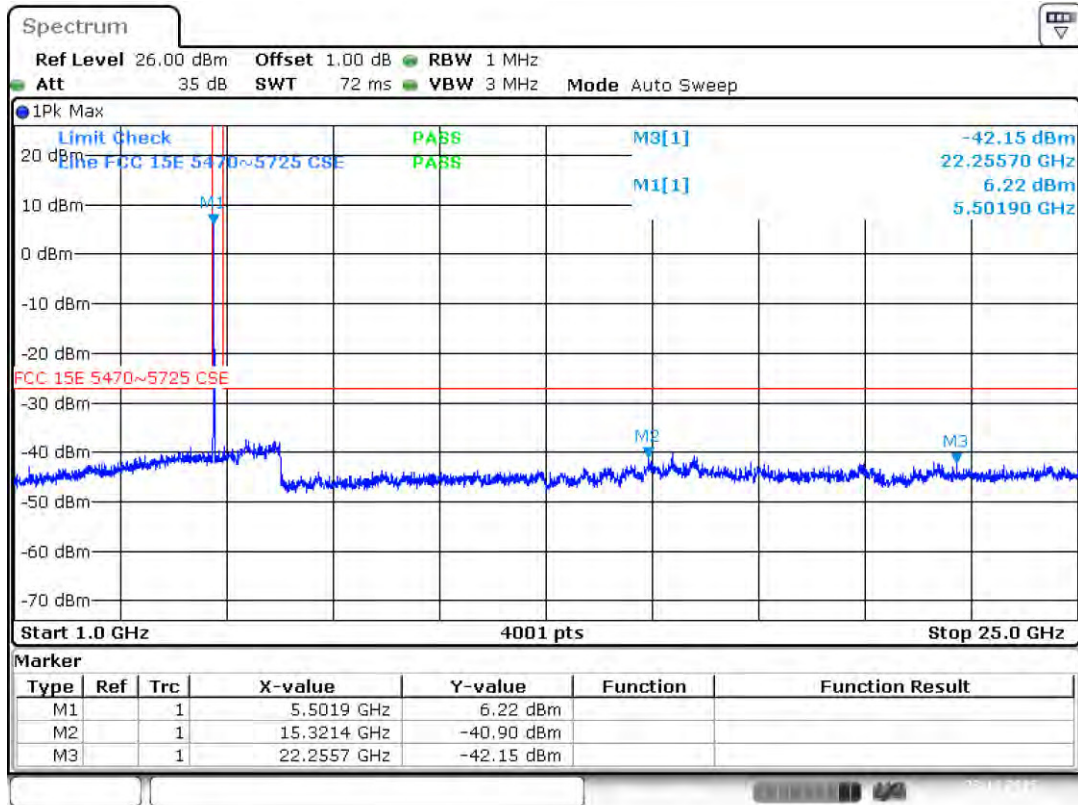
Date: 24.NOV.2015 19:04:54

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



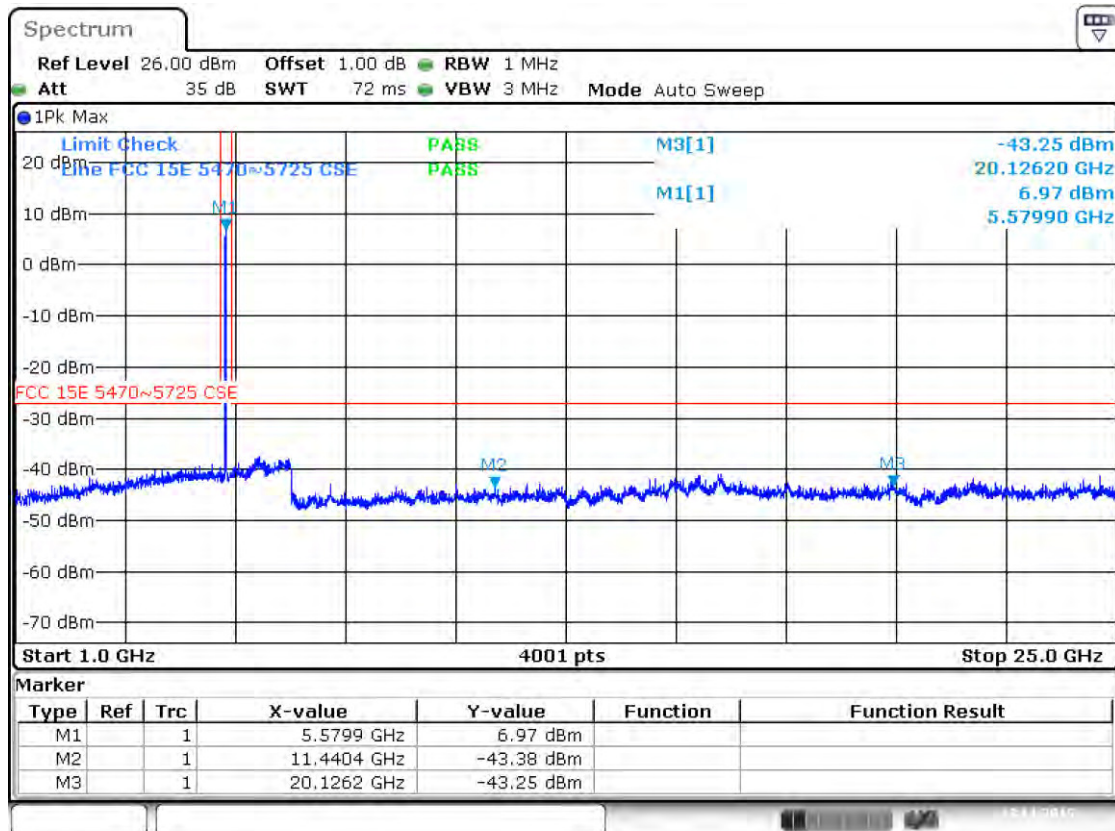
Date: 24.NOV.2015 19:06:33

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



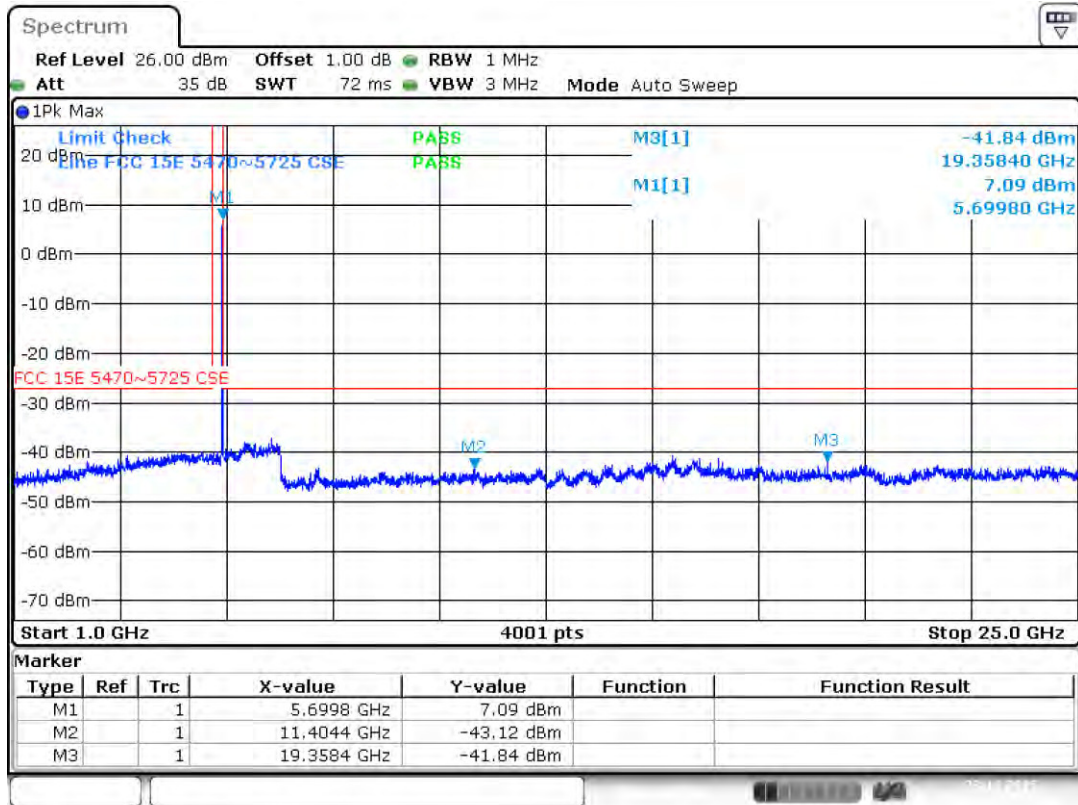
Date: 23.NOV.2015 15:15:11

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



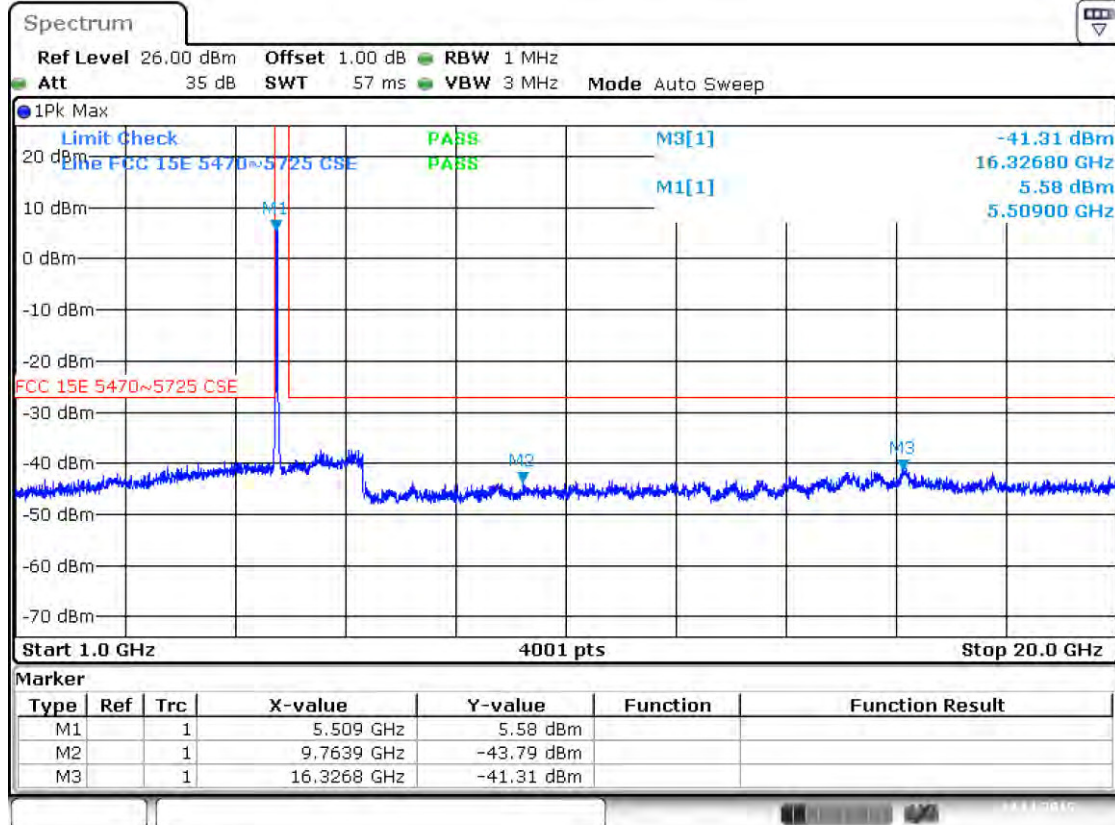
Date: 23.NOV.2015 15:16:56

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



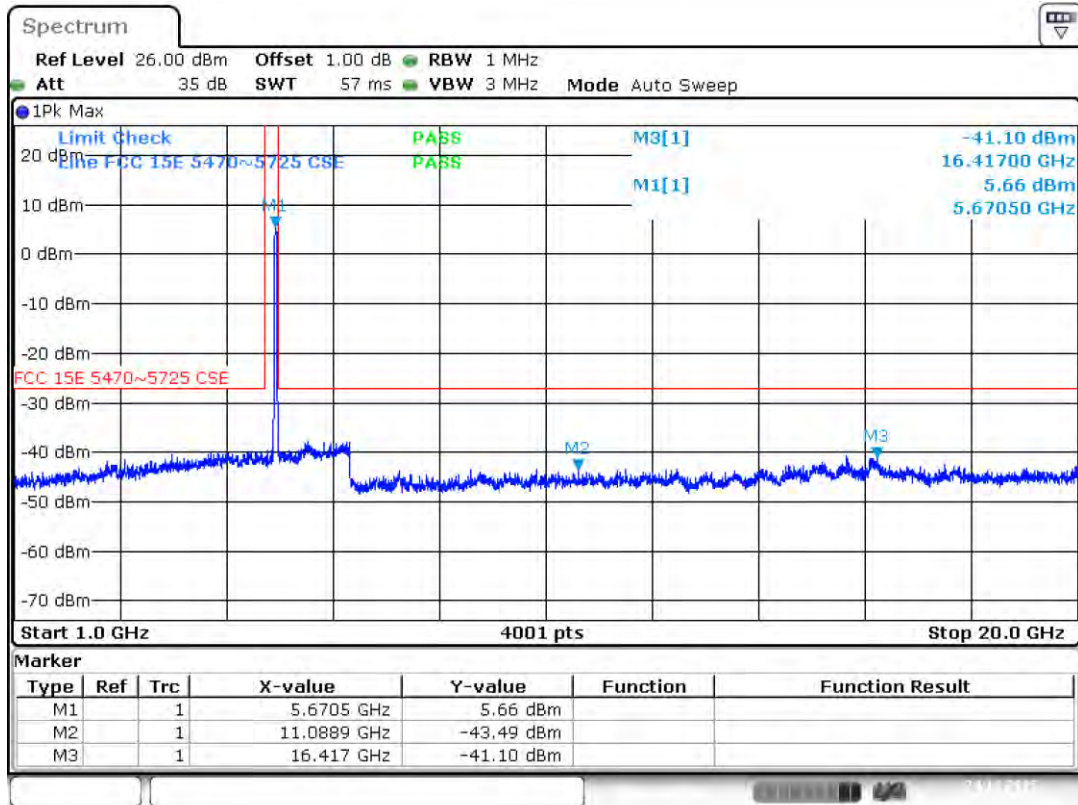
Date: 23.NOV.2015 15:19:25

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



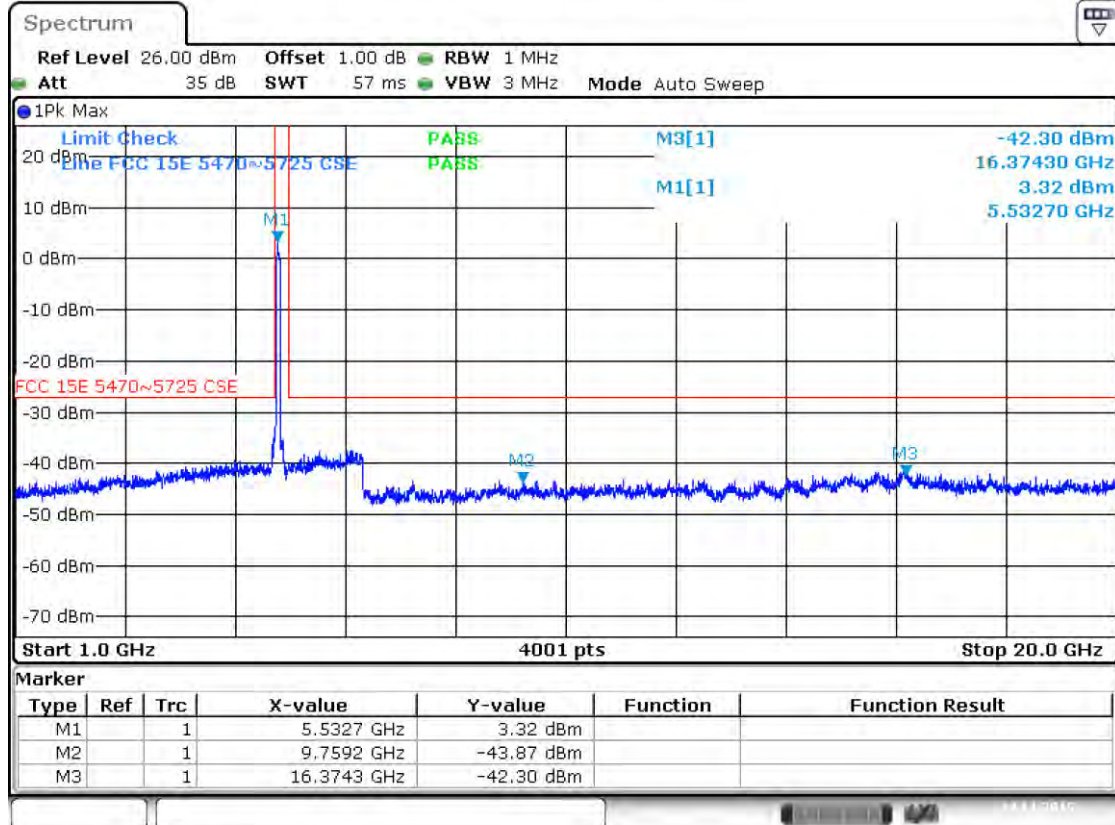
Date: 24.NOV.2015 18:52:27

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



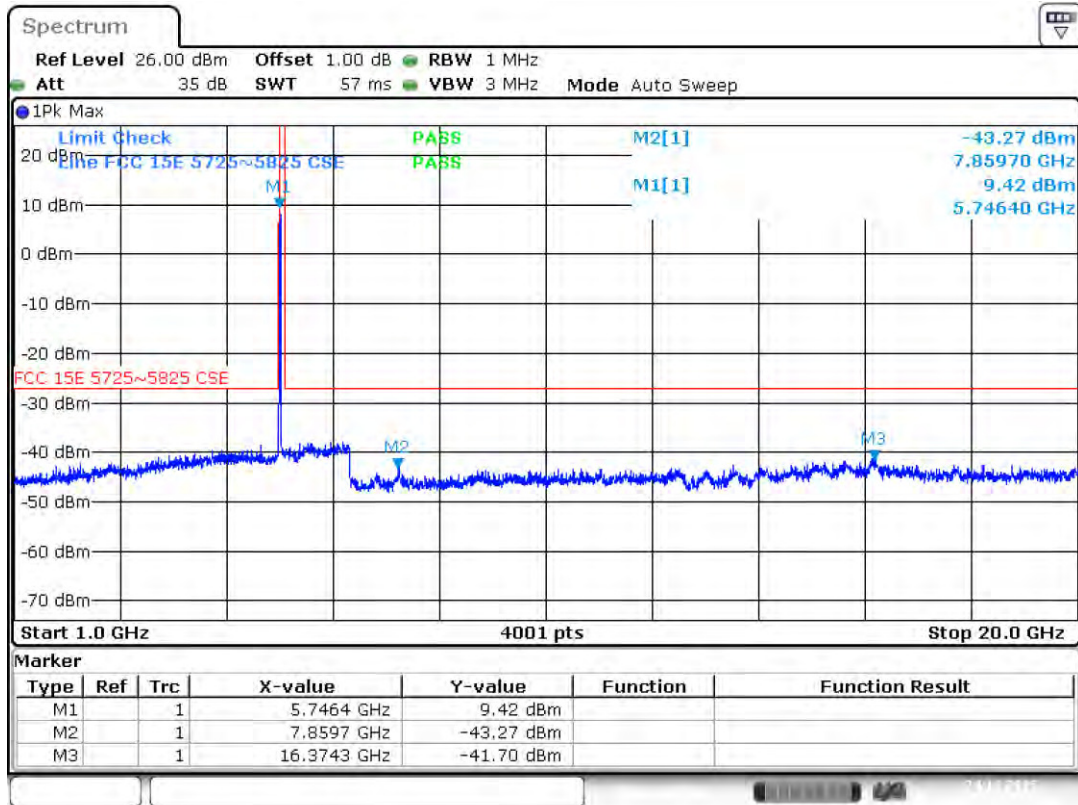
Date: 24.NOV.2015 18:53:52

Band III 11ac(HT80) CH106 (1 ~ 20 GHz)



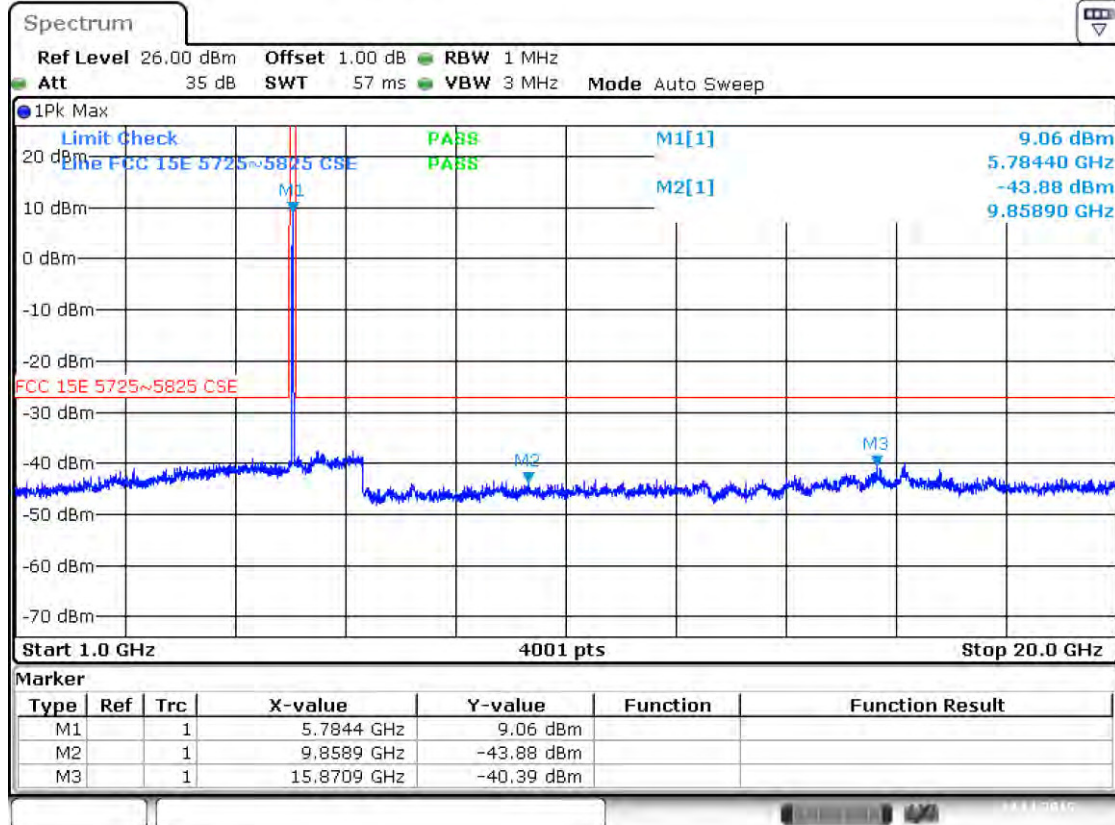
Date: 24.NOV.2015 19:15:47

Band IV 11a CH149 (1 ~ 20 GHz)



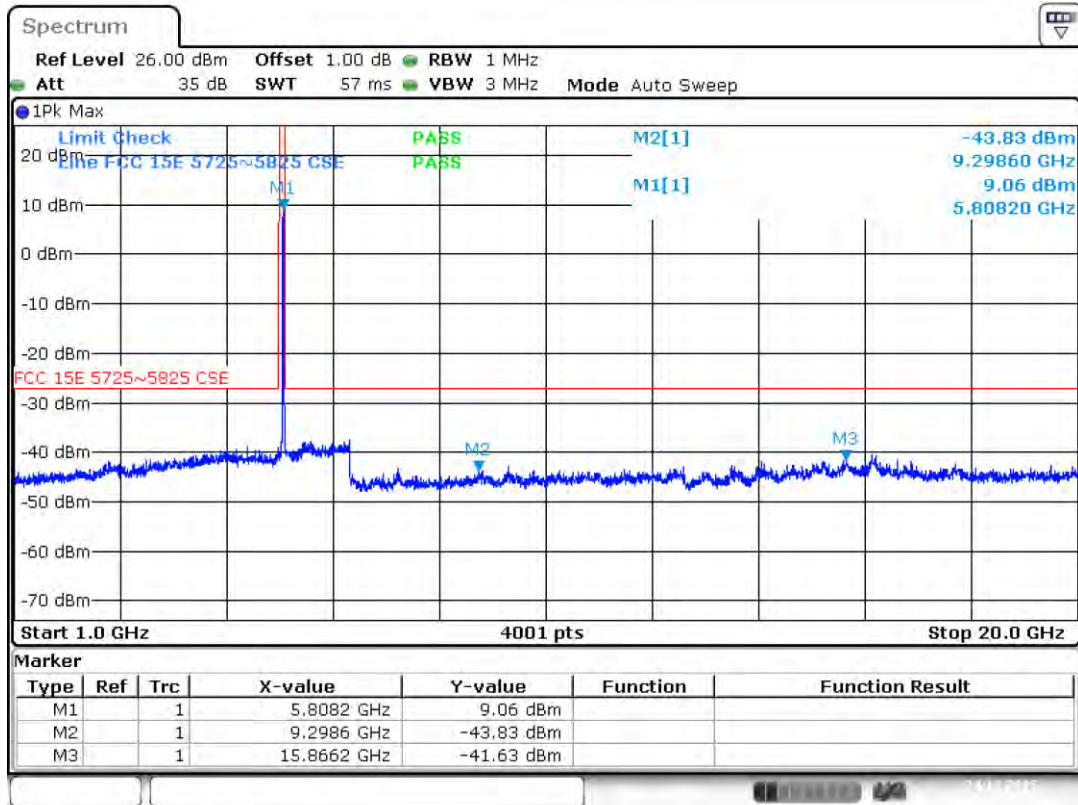
Date: 24.NOV.2015 18:07:06

Band IV 11a CH157 (1 ~ 20 GHz)



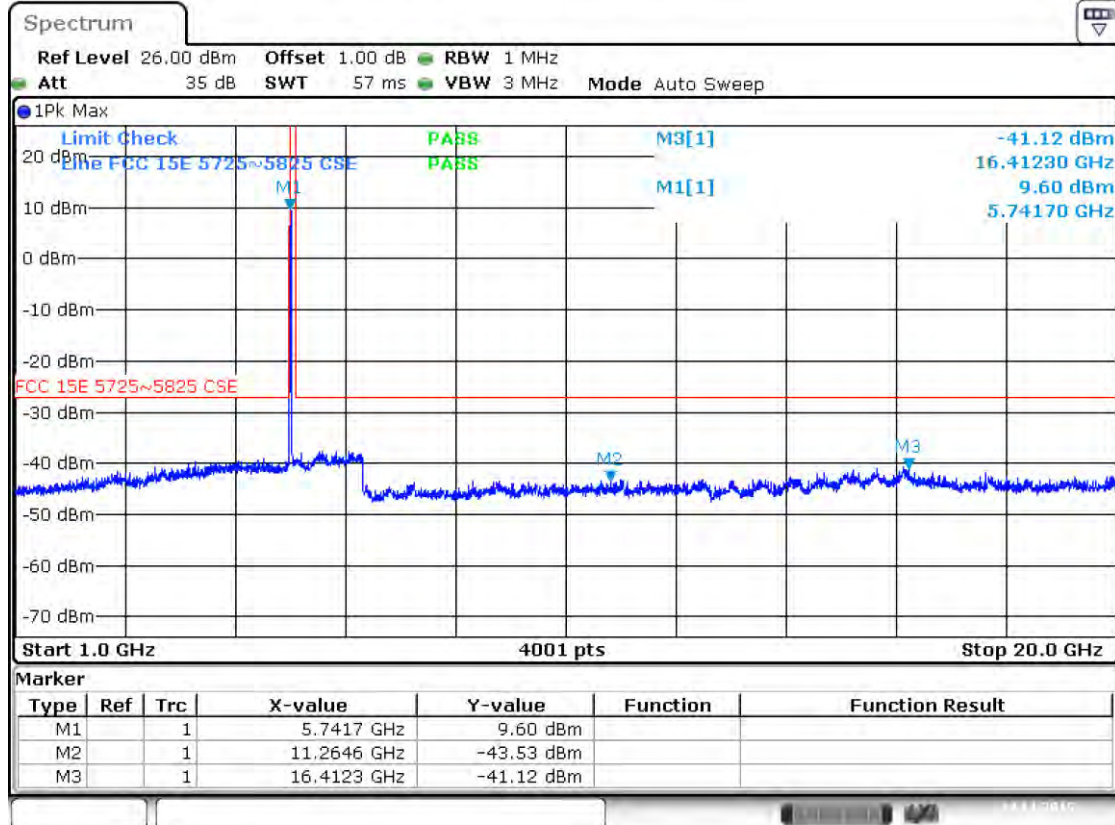
Date: 24.NOV.2015 18:08:53

Band IV 11a CH161 (1 ~ 20 GHz)



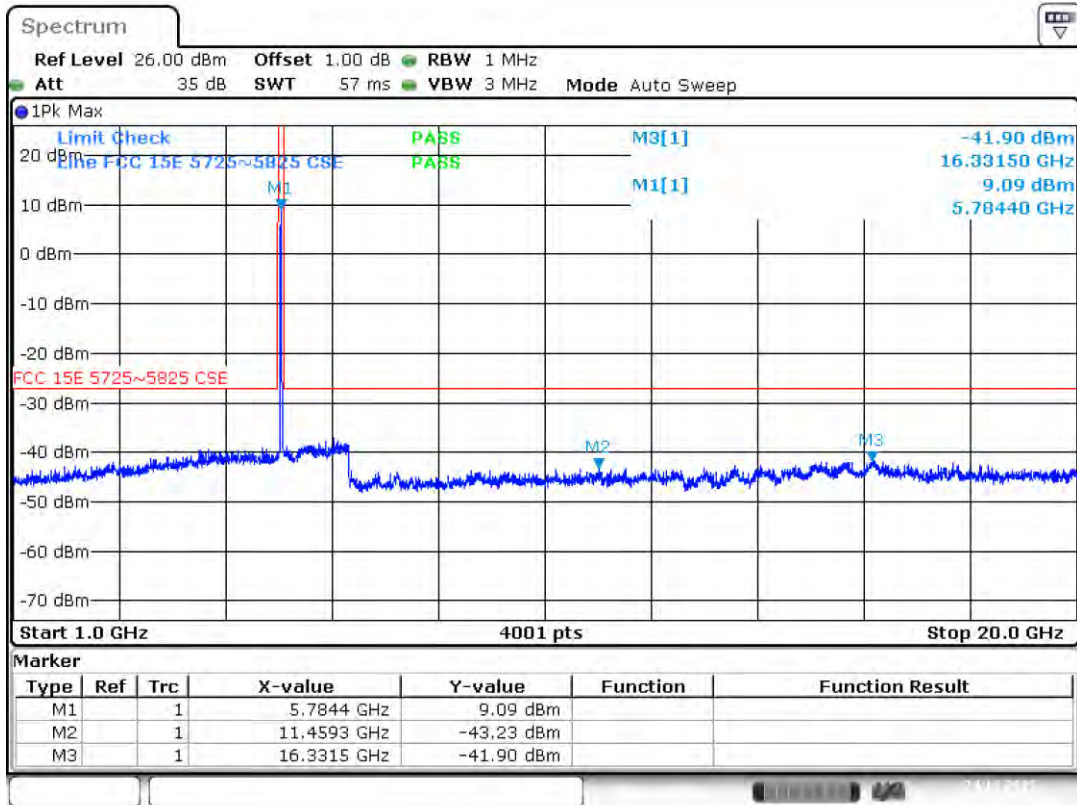
Date: 24.NOV.2015 18:10:32

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



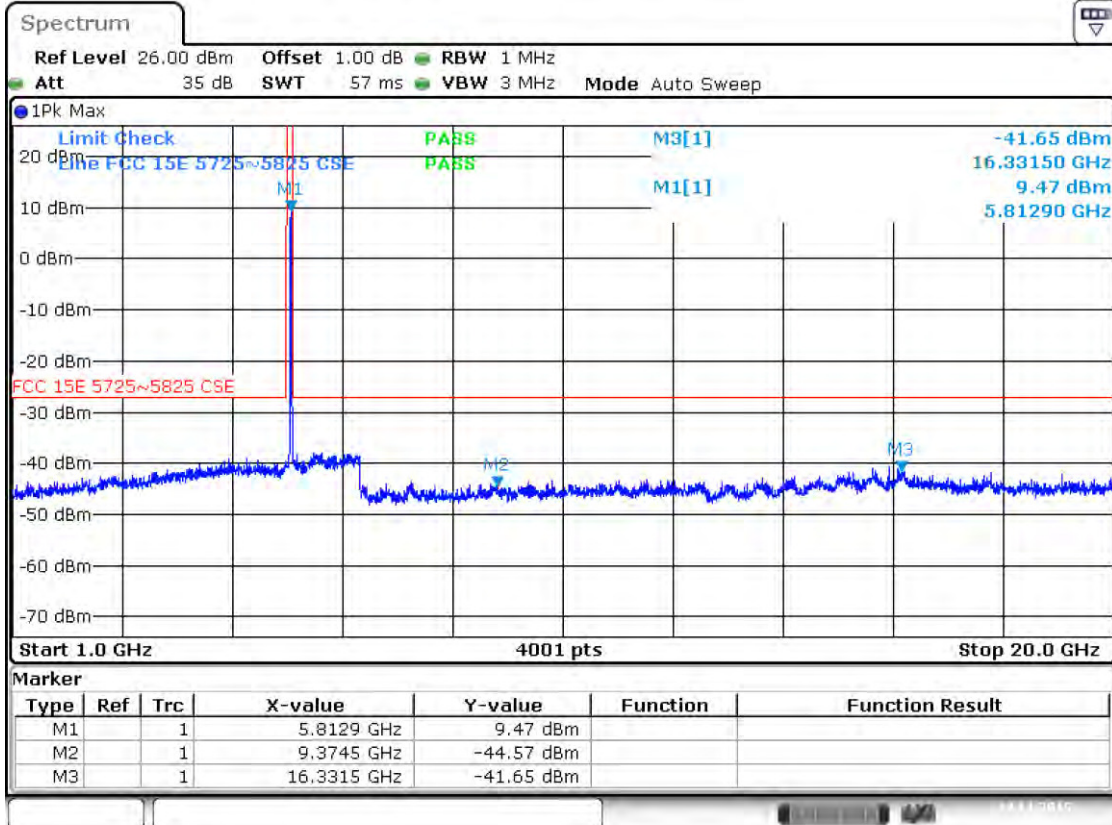
Date: 24.NOV.2015 18:32:53

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



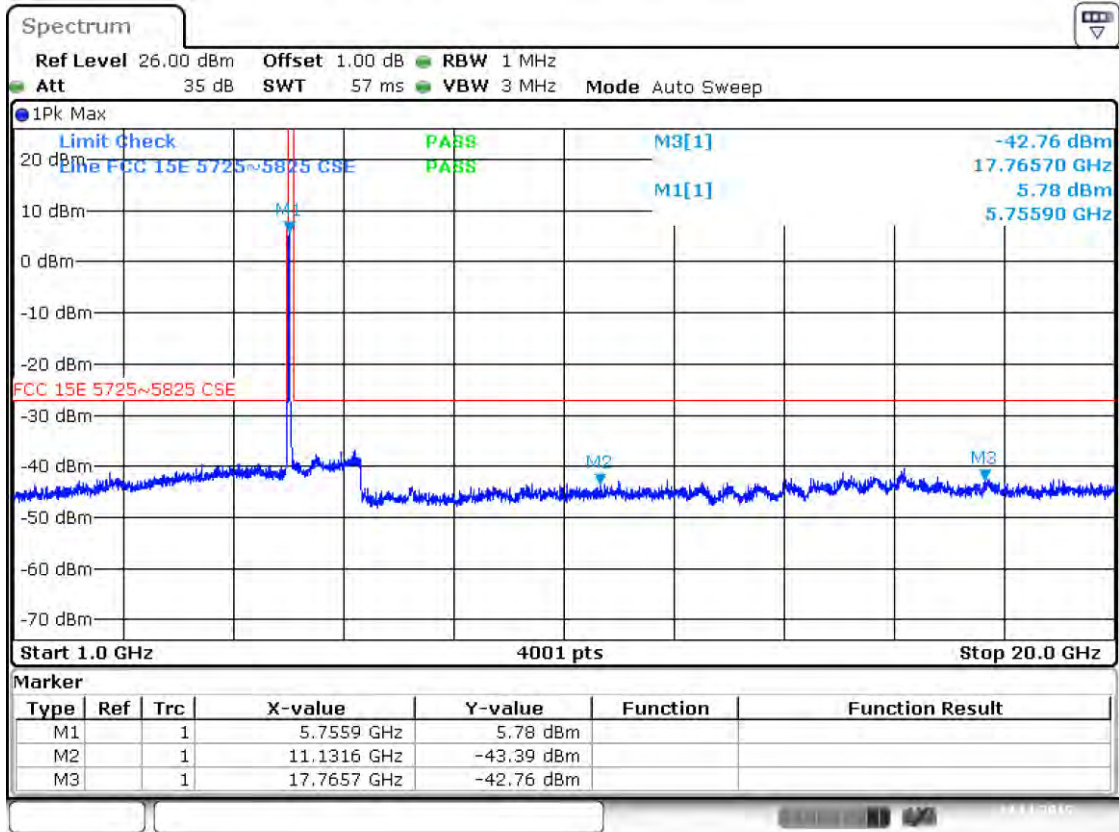
Date: 24.NOV.2015 18:34:36

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



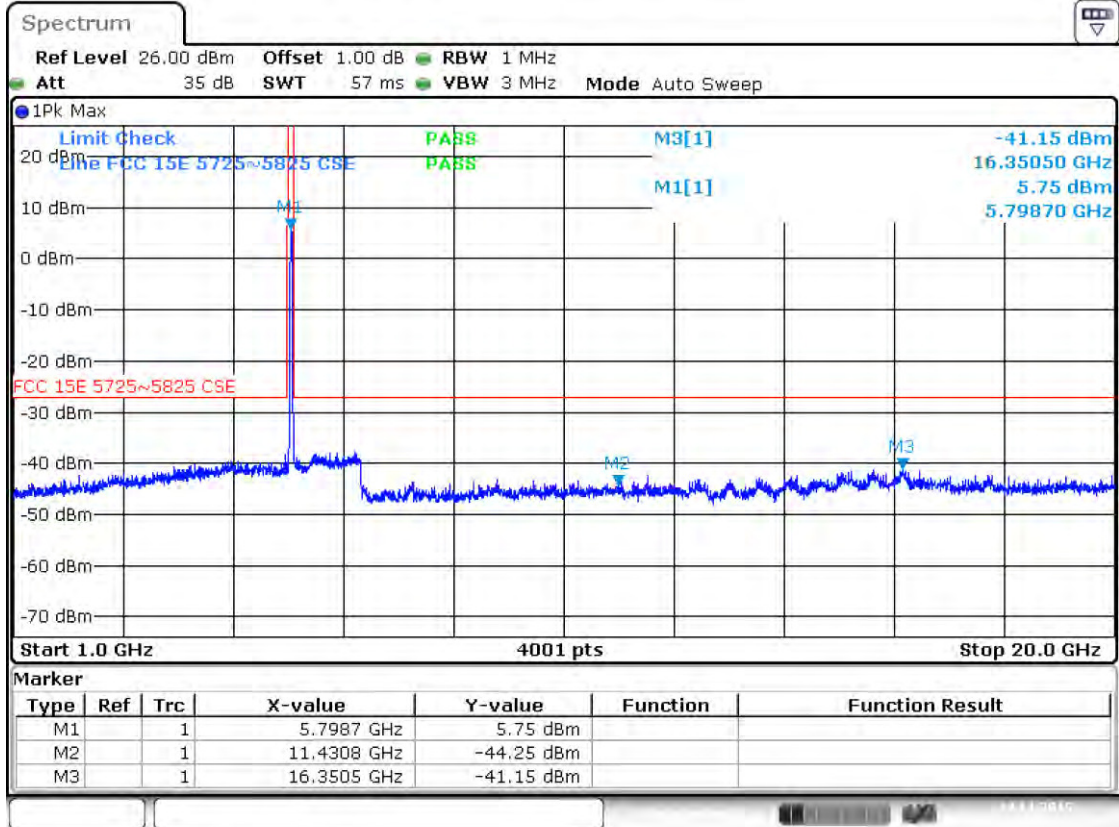
Date: 24.NOV.2015 18:36:01

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



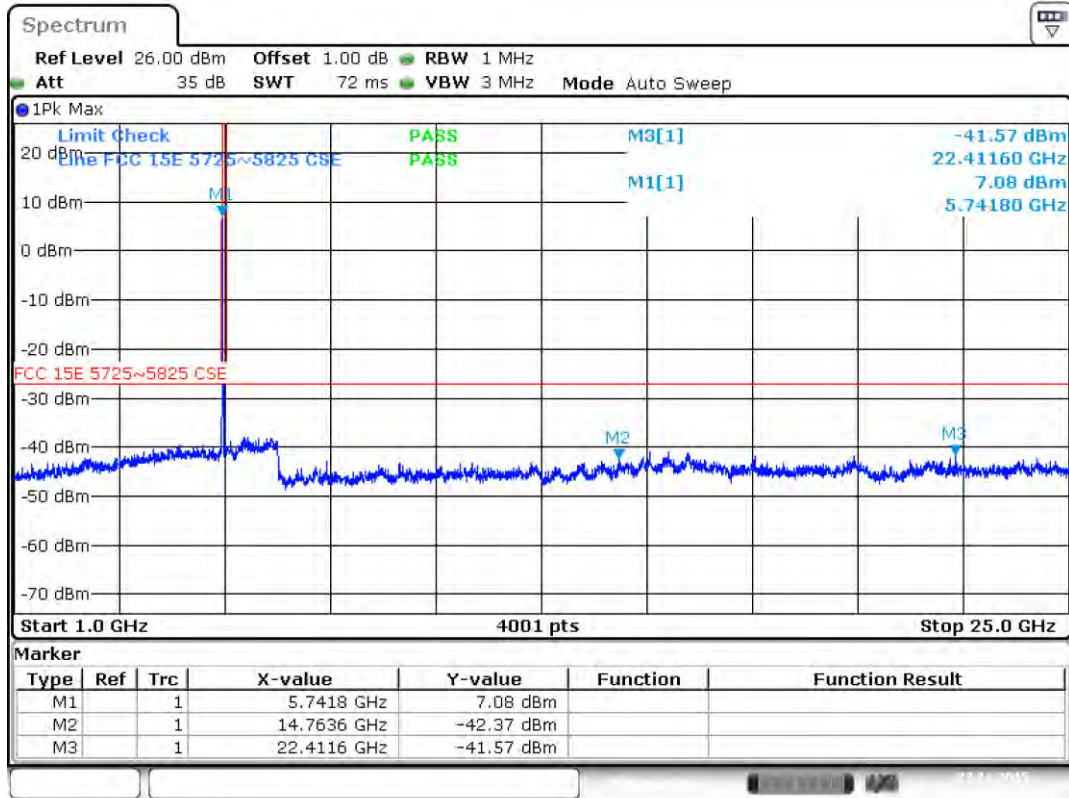
Date: 24.NOV.2015 19:08:11

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



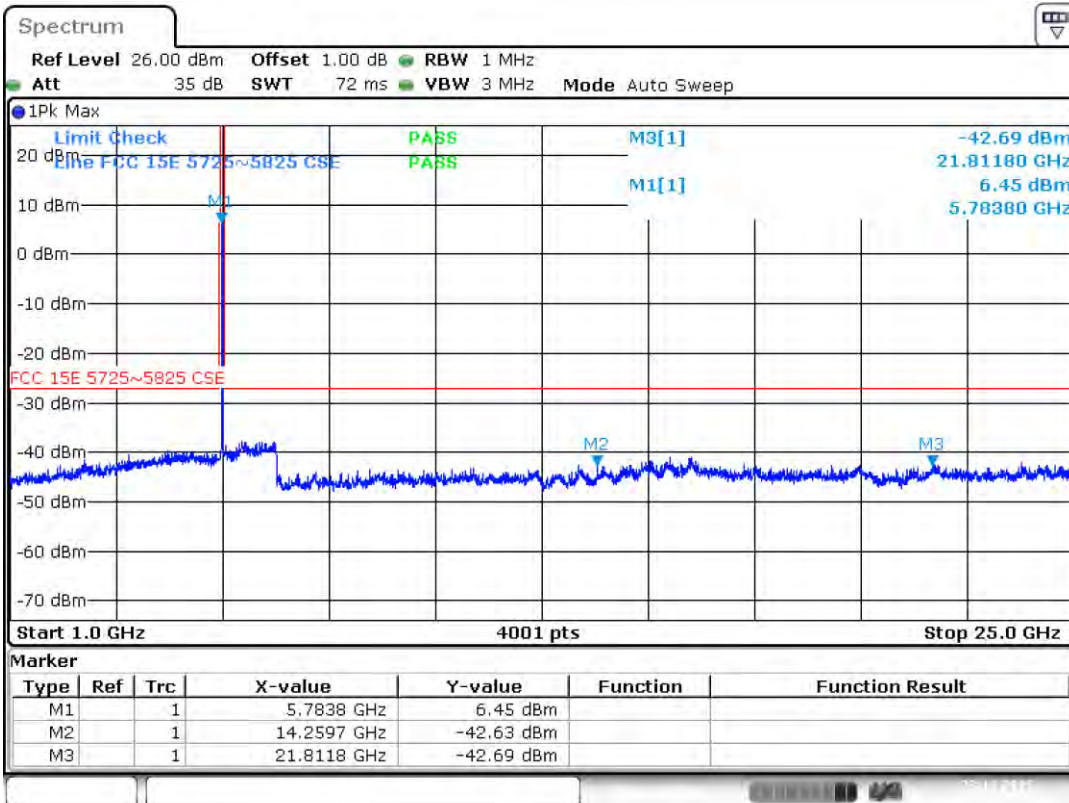
Date: 24.NOV.2015 19:09:43

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



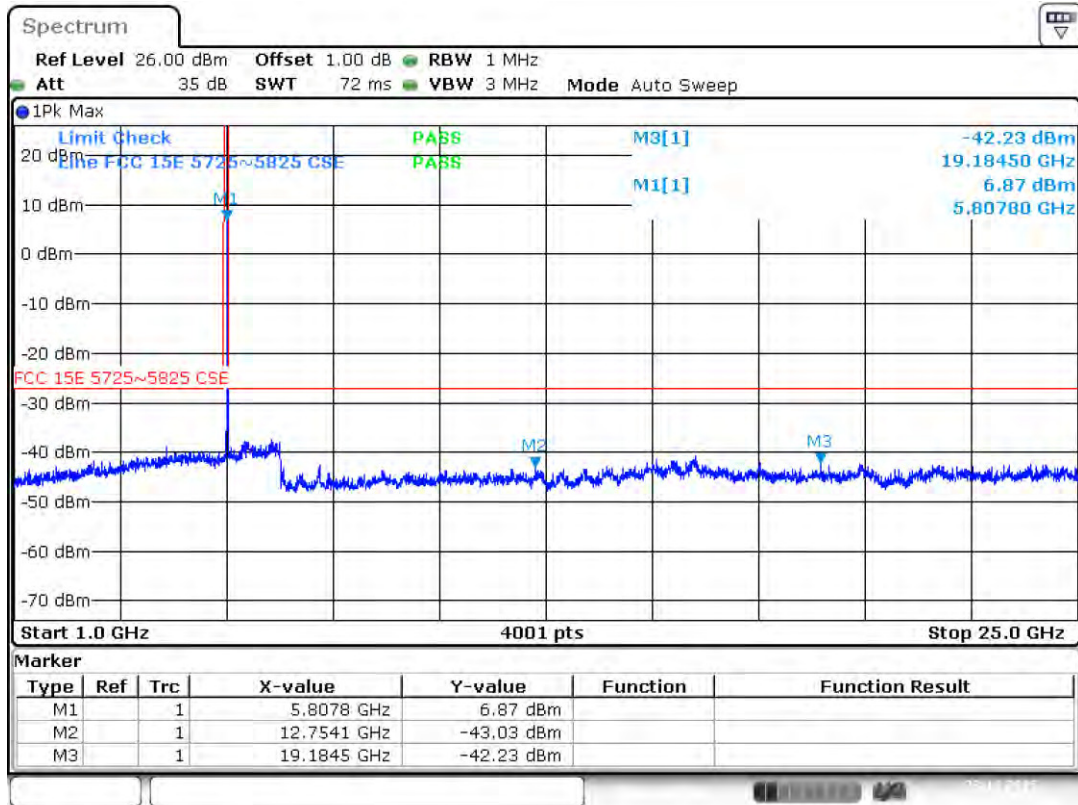
Date: 23.NOV.2015 15:23:14

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



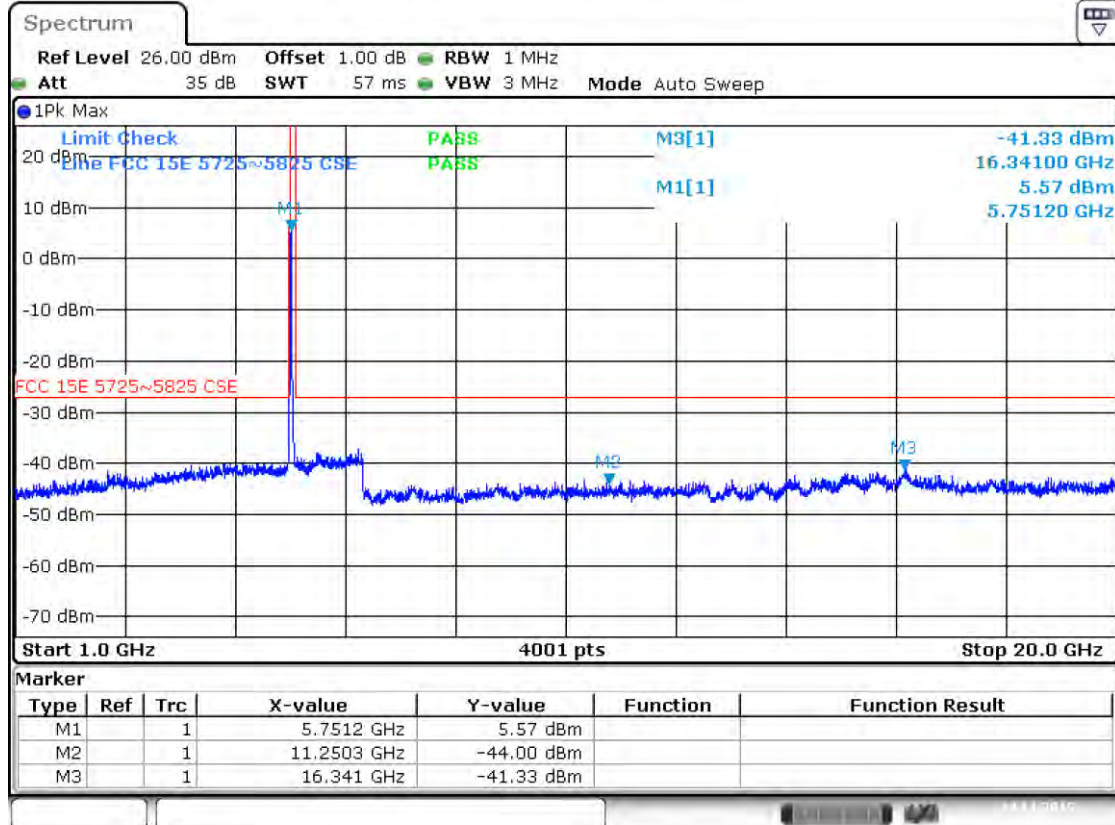
Date: 23.NOV.2015 15:24:59

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



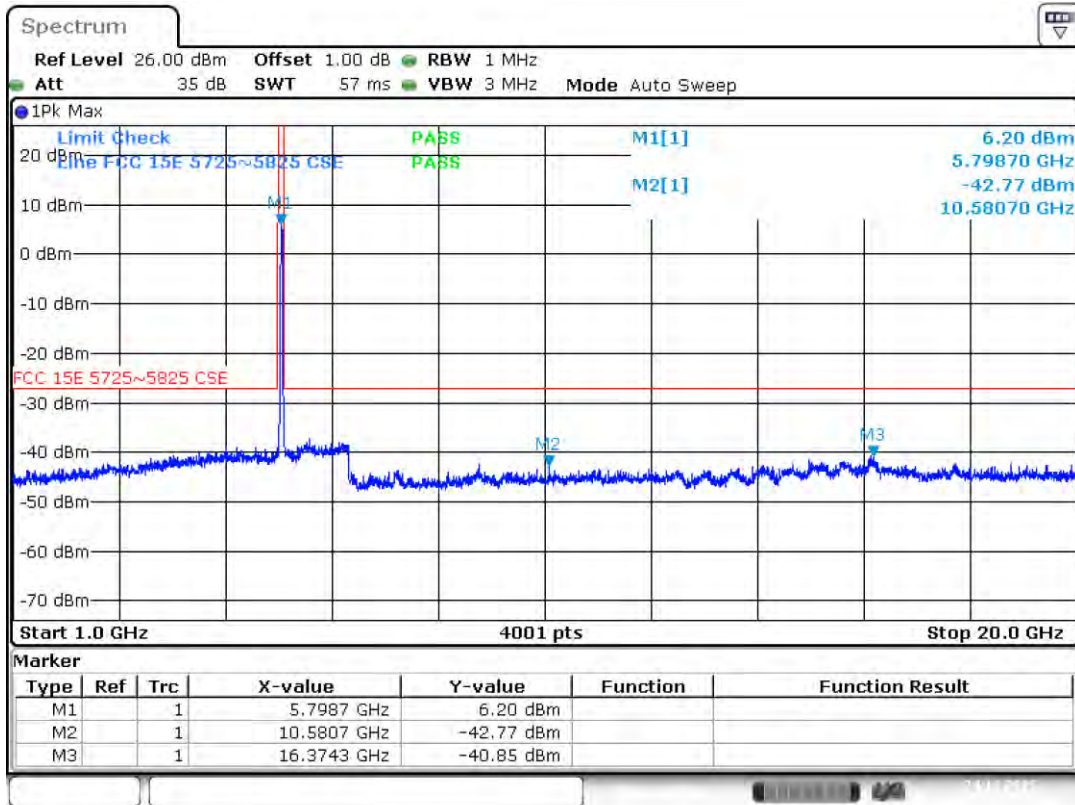
Date: 23.NOV.2015 15:26:24

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



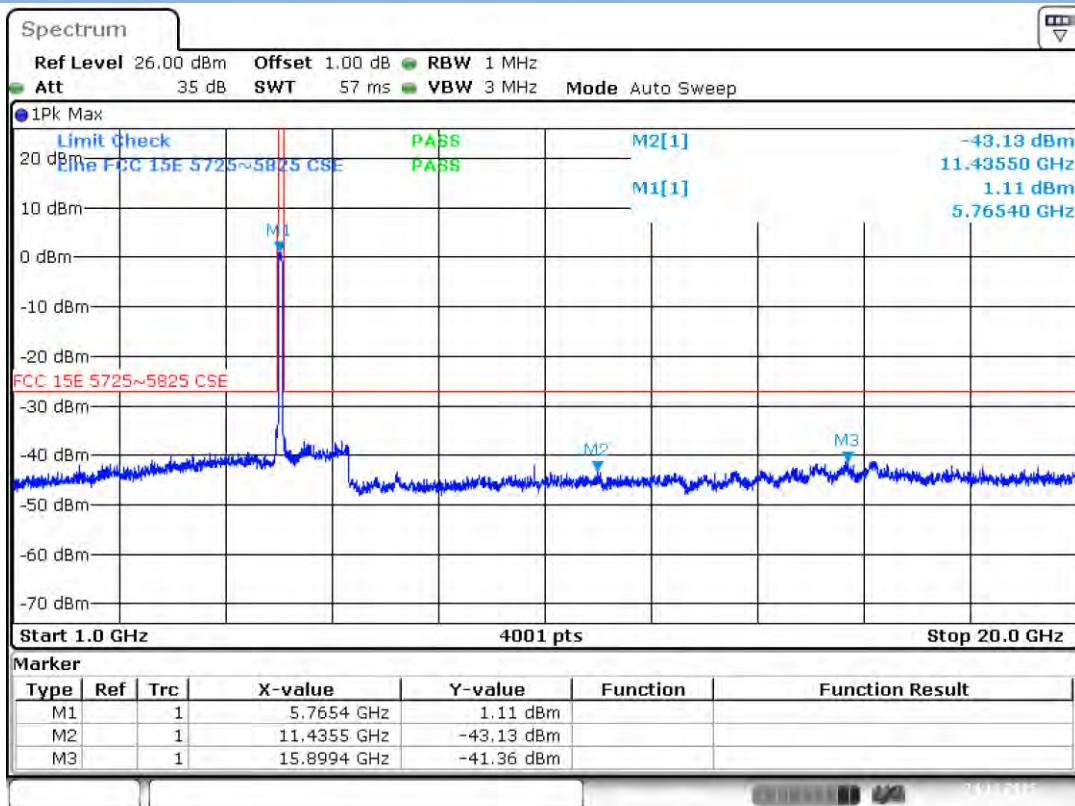
Date: 24.NOV.2015 18:55:18

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



Date: 24.NOV.2015 18:56:45

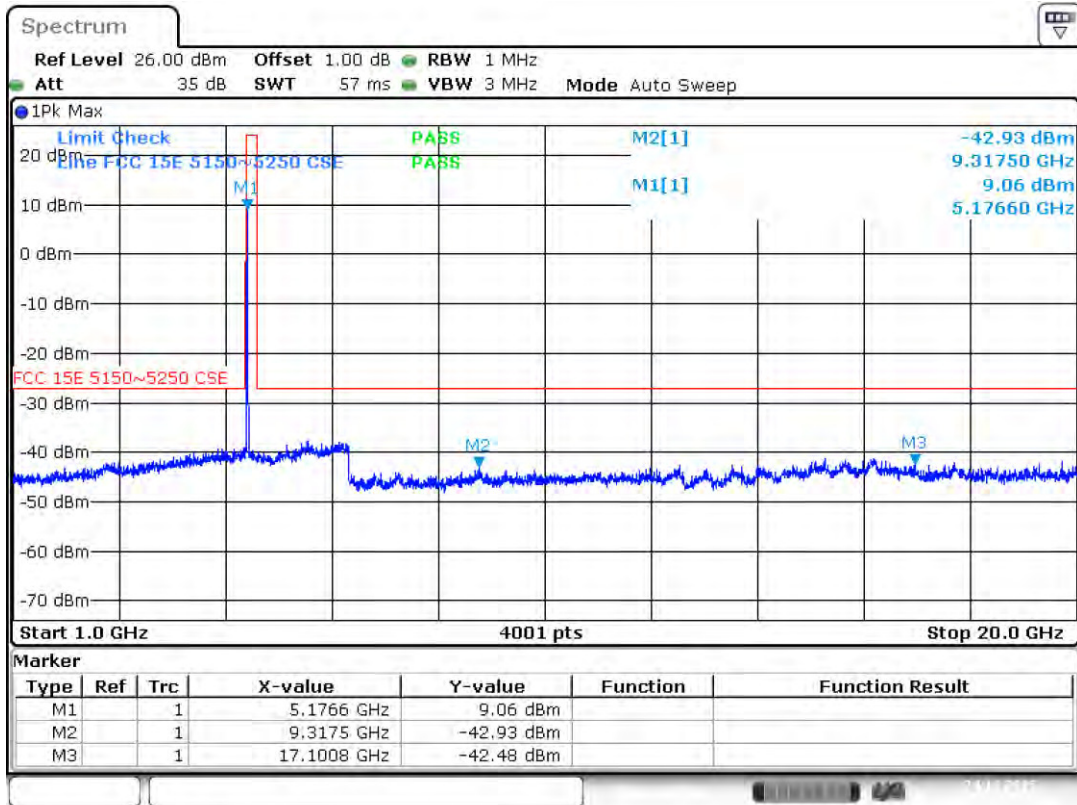
Band IV 11ac(HT80) CH155 (1 ~ 20 GHz)



Date: 24.NOV.2015 19:17:57

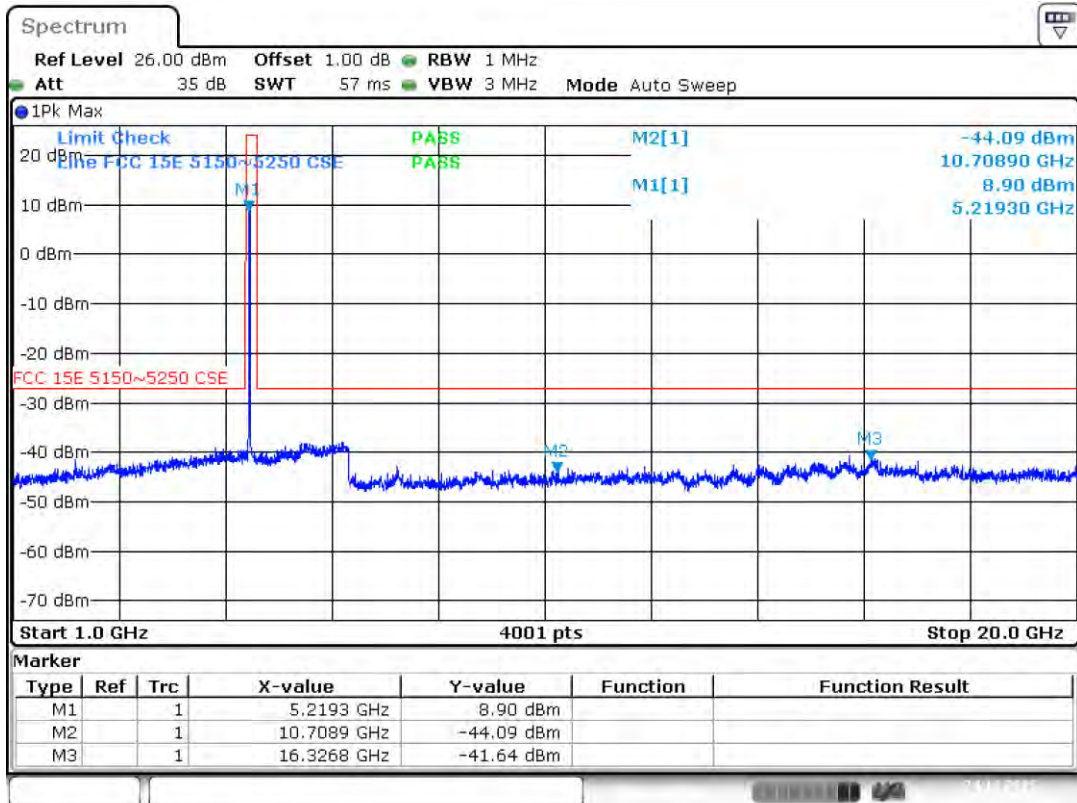
ANT 1

Band I 11a CH36 (1 ~ 20 GHz)



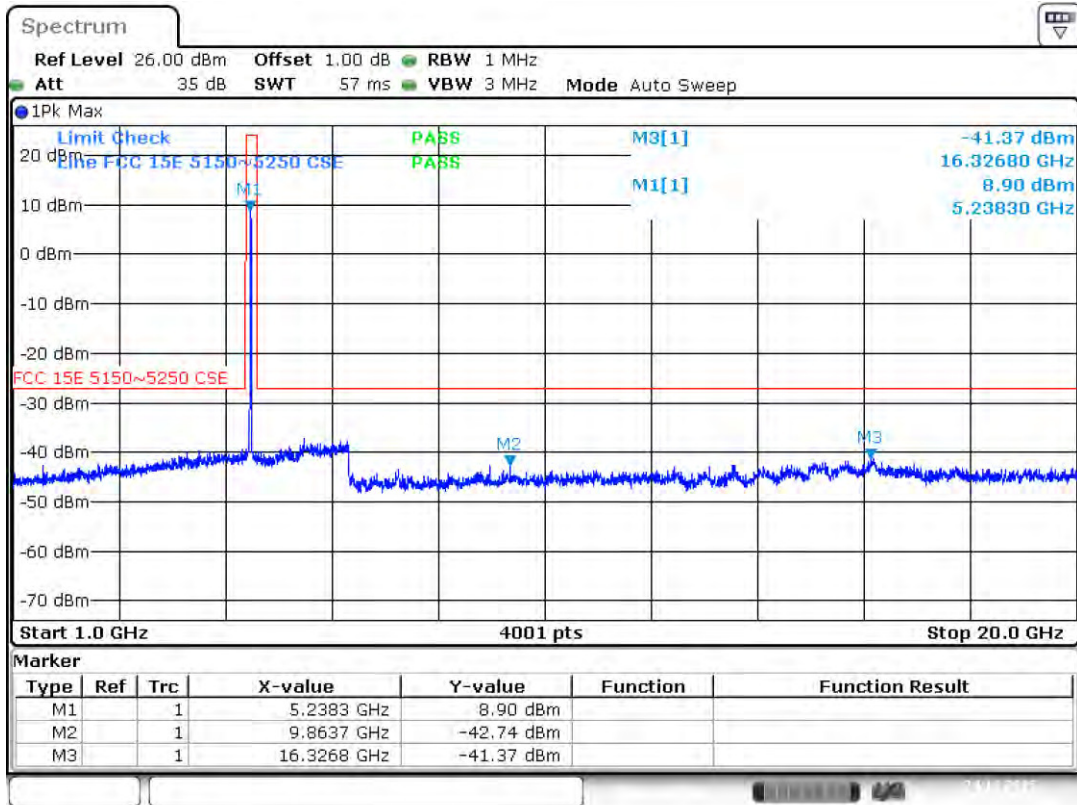
Date: 24.NOV.2015 17:51:17

Band I 11a CH44 (1 ~ 20 GHz)



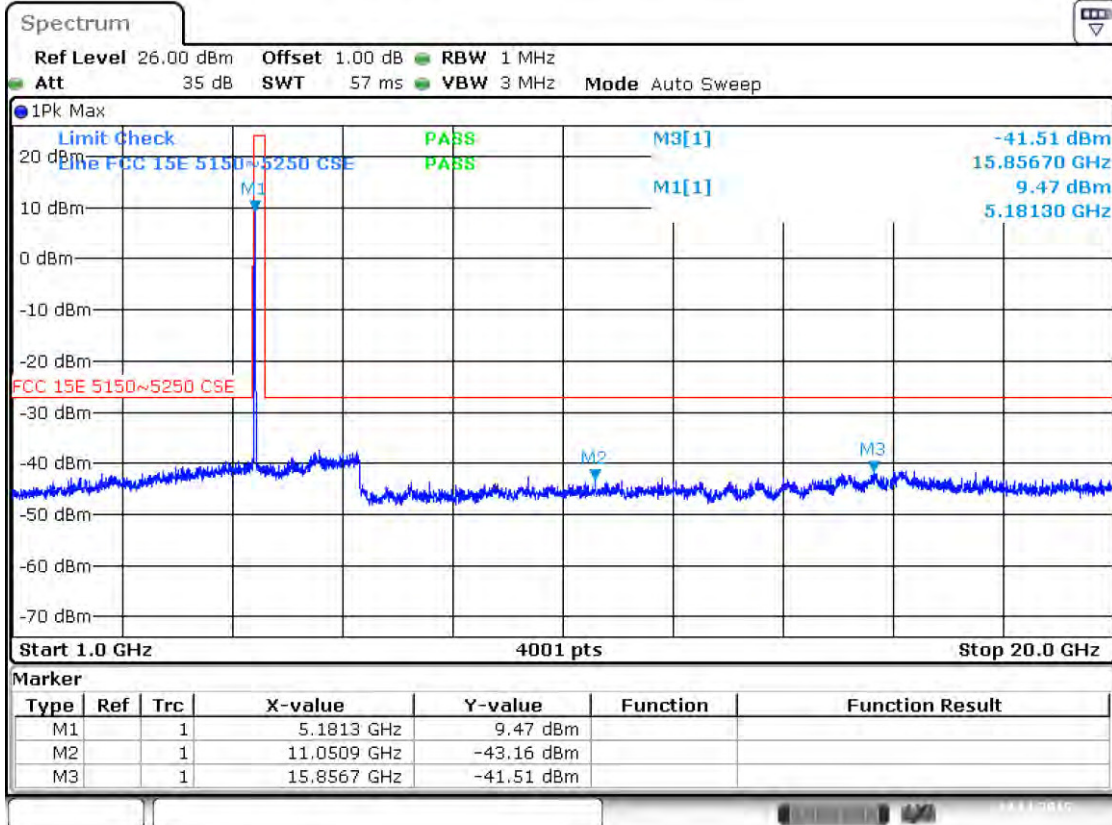
Date: 24.NOV.2015 17:53:07

Band I 11a CH48 (1 ~ 20 GHz)



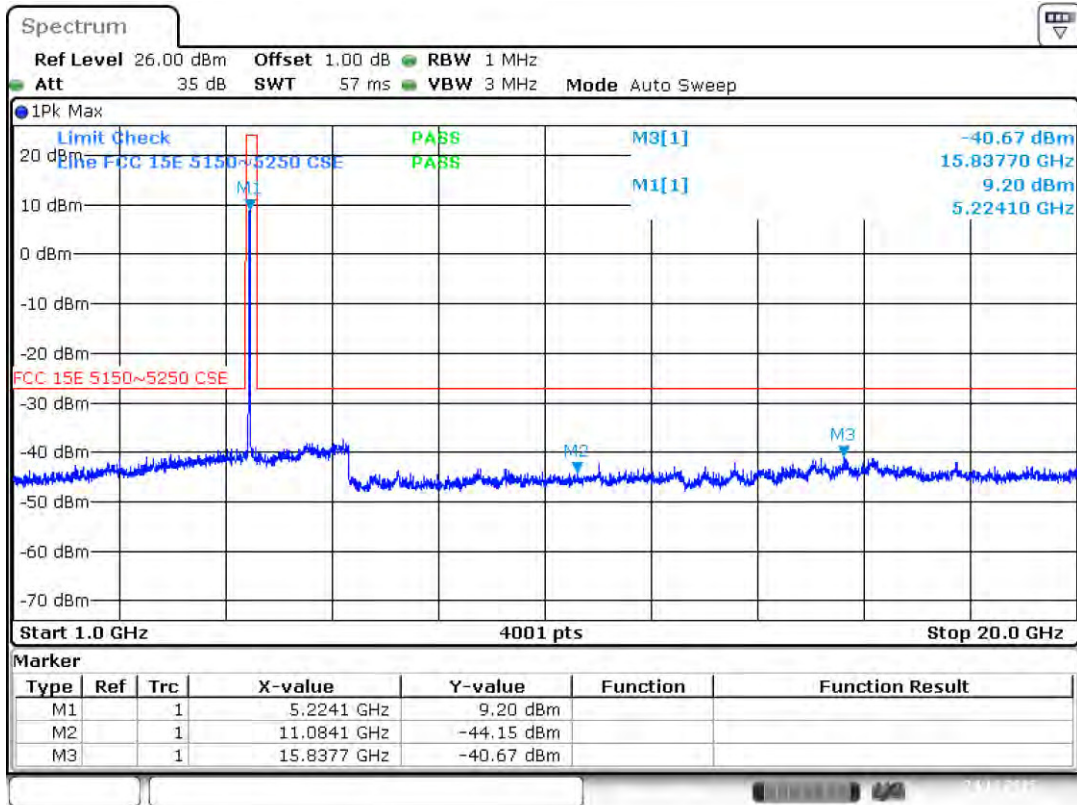
Date: 24.NOV.2015 17:55:08

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



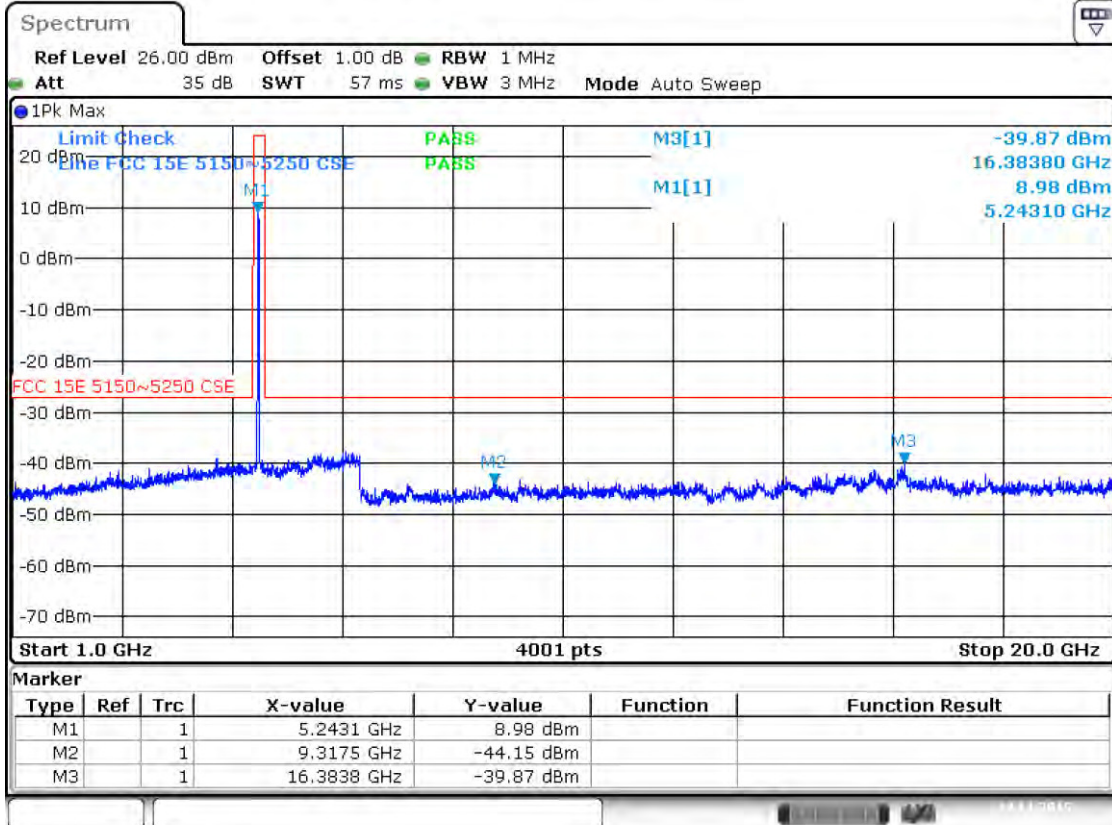
Date: 24.NOV.2015 18:18:30

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



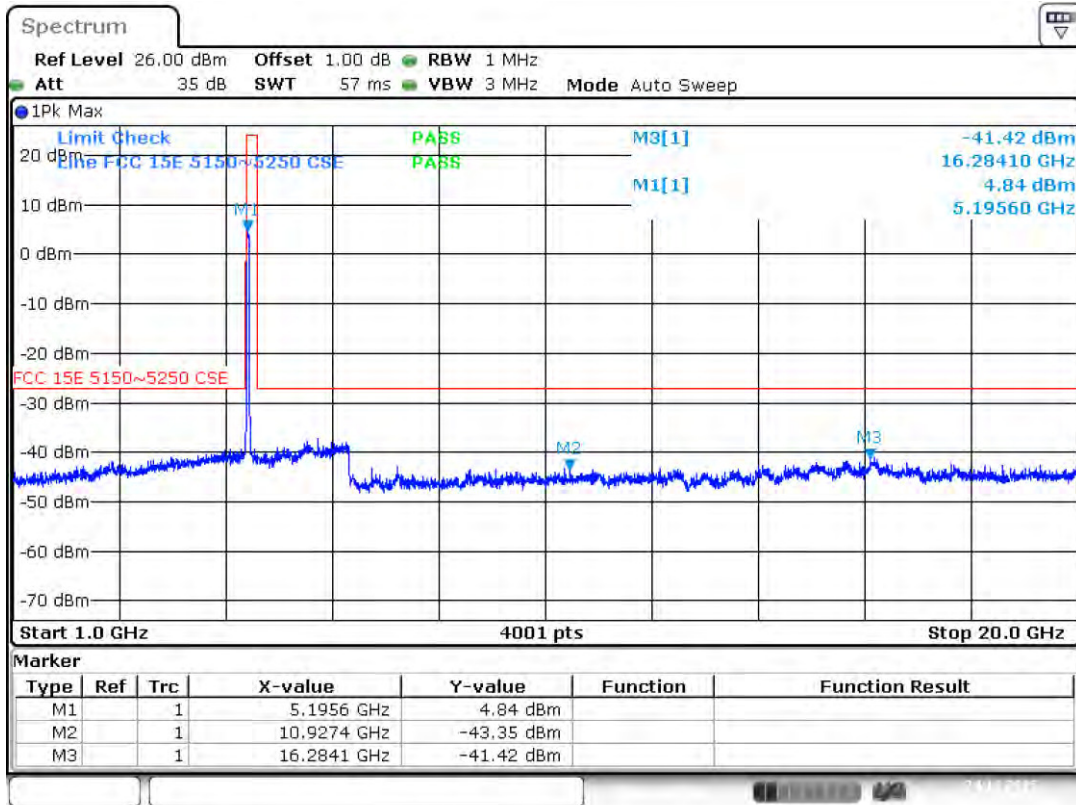
Date: 24.NOV.2015 18:20:34

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



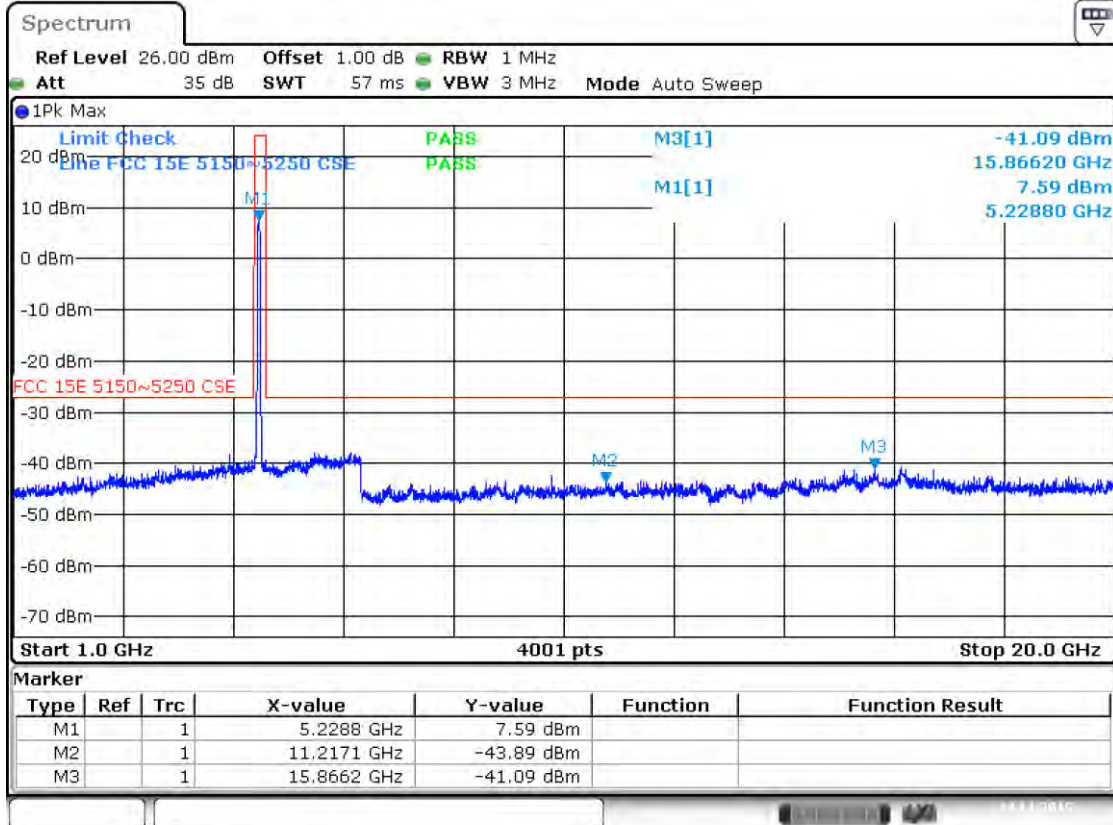
Date: 24.NOV.2015 18:22:02

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



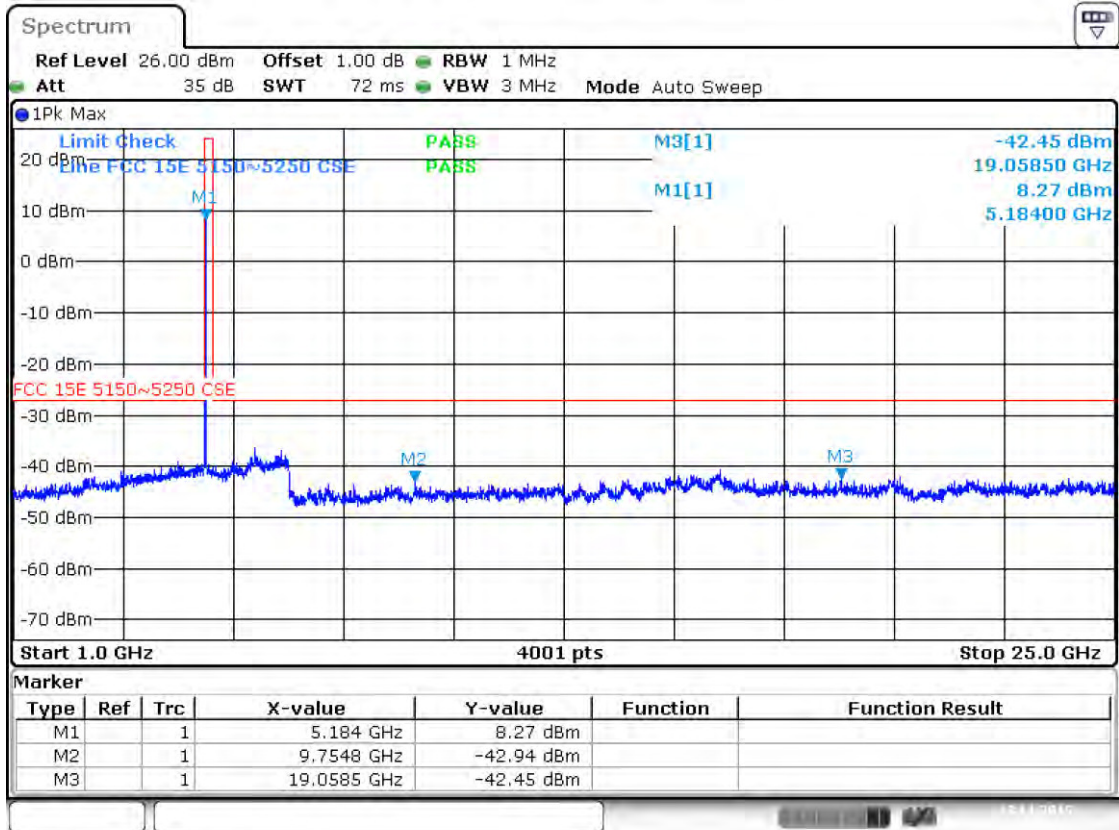
Date: 24.NOV.2015 18:59:23

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



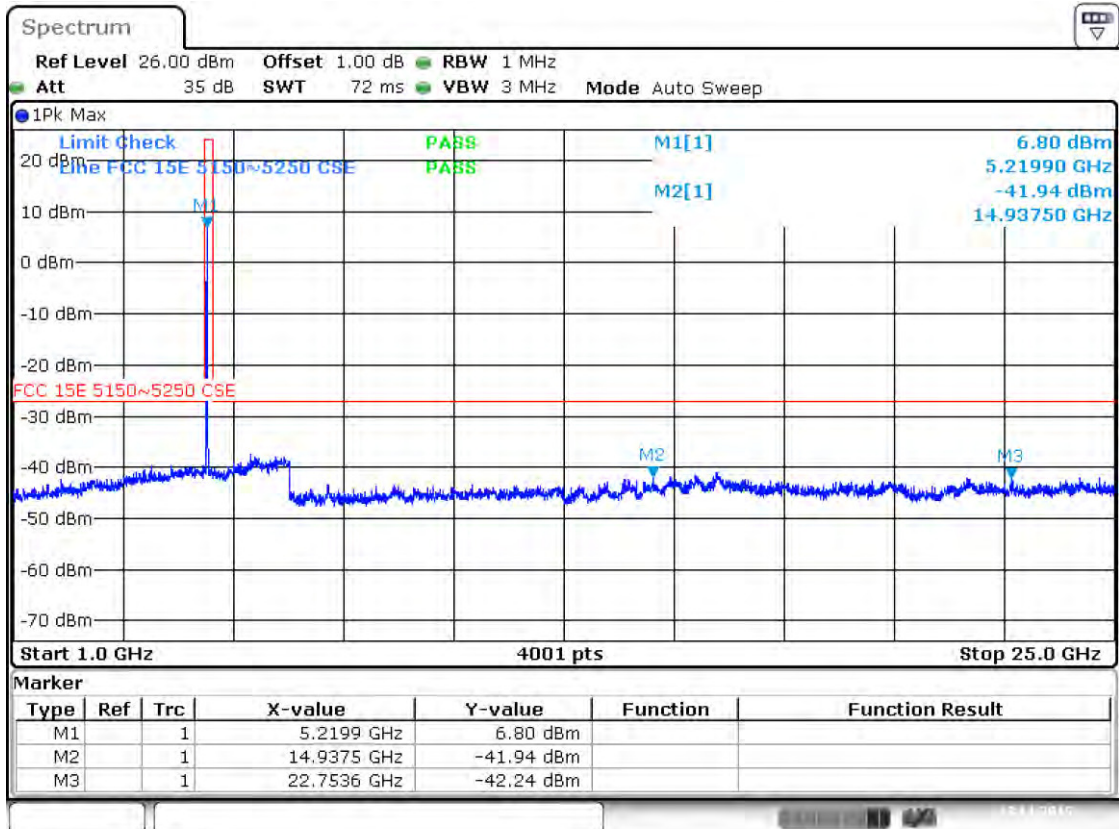
Date: 24.NOV.2015 19:00:48

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



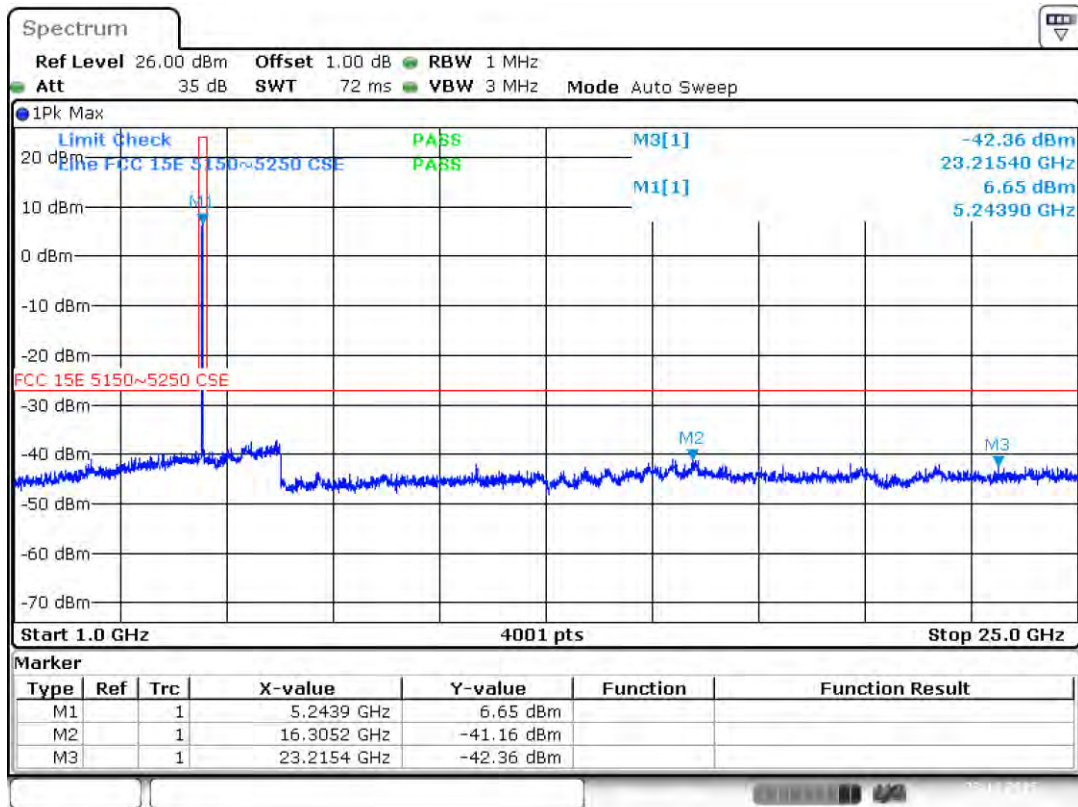
Date: 23.NOV.2015 15:00:30

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



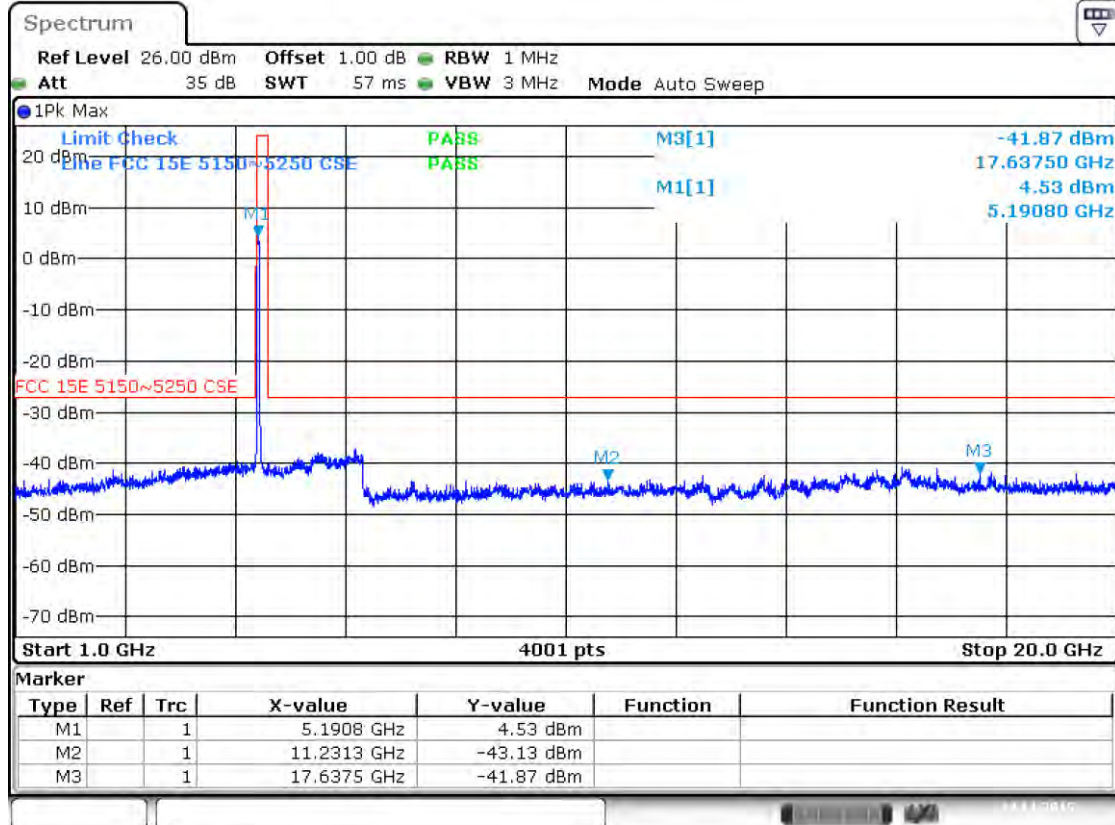
Date: 23.NOV.2015 15:02:42

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



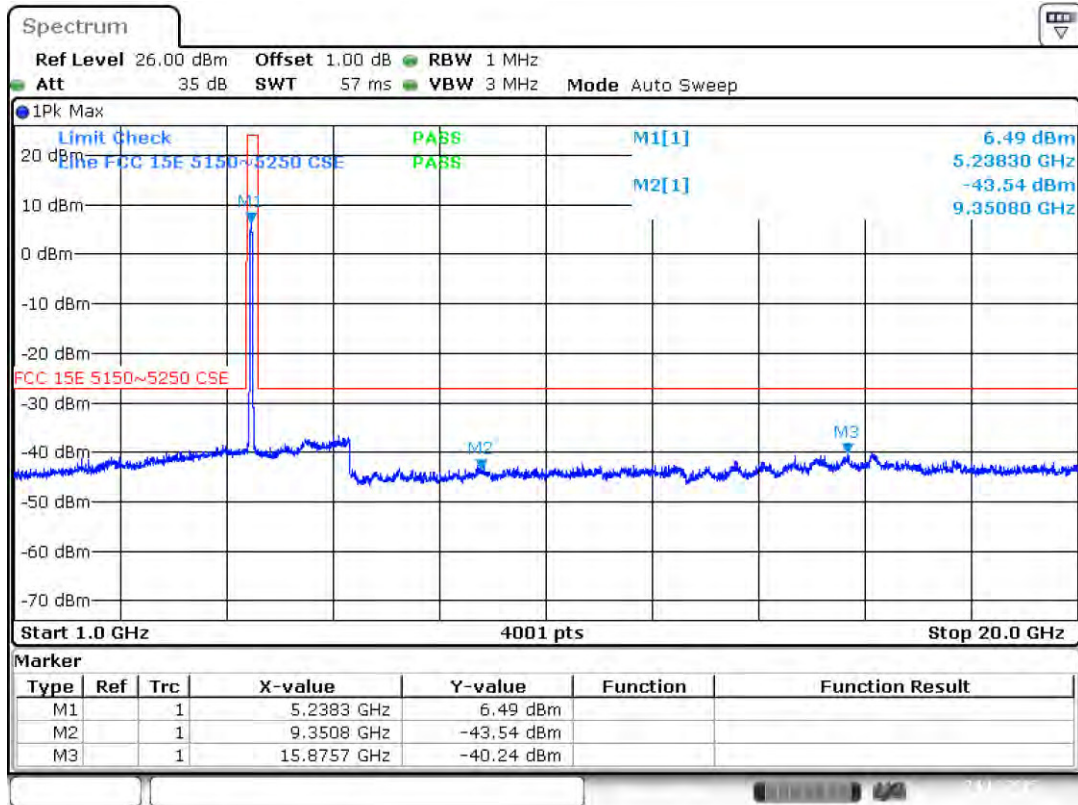
Date: 23.NOV.2015 15:05:42

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



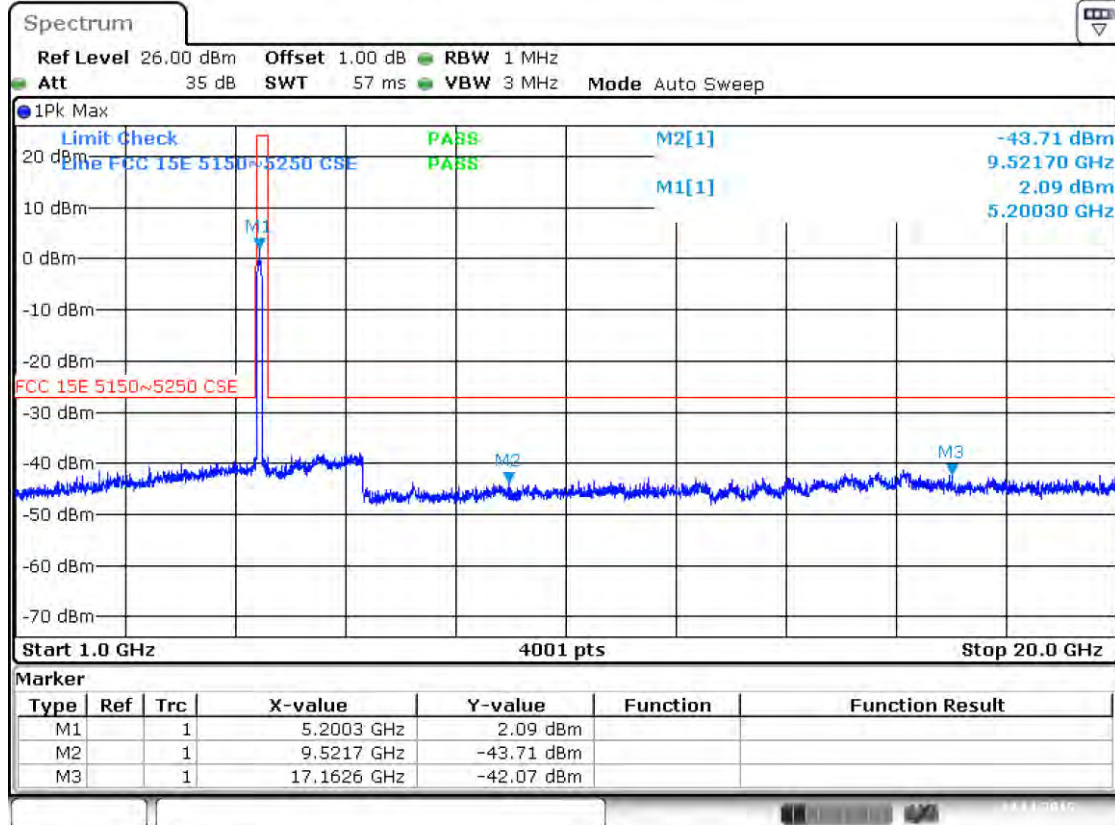
Date: 24.NOV.2015 18:39:46

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



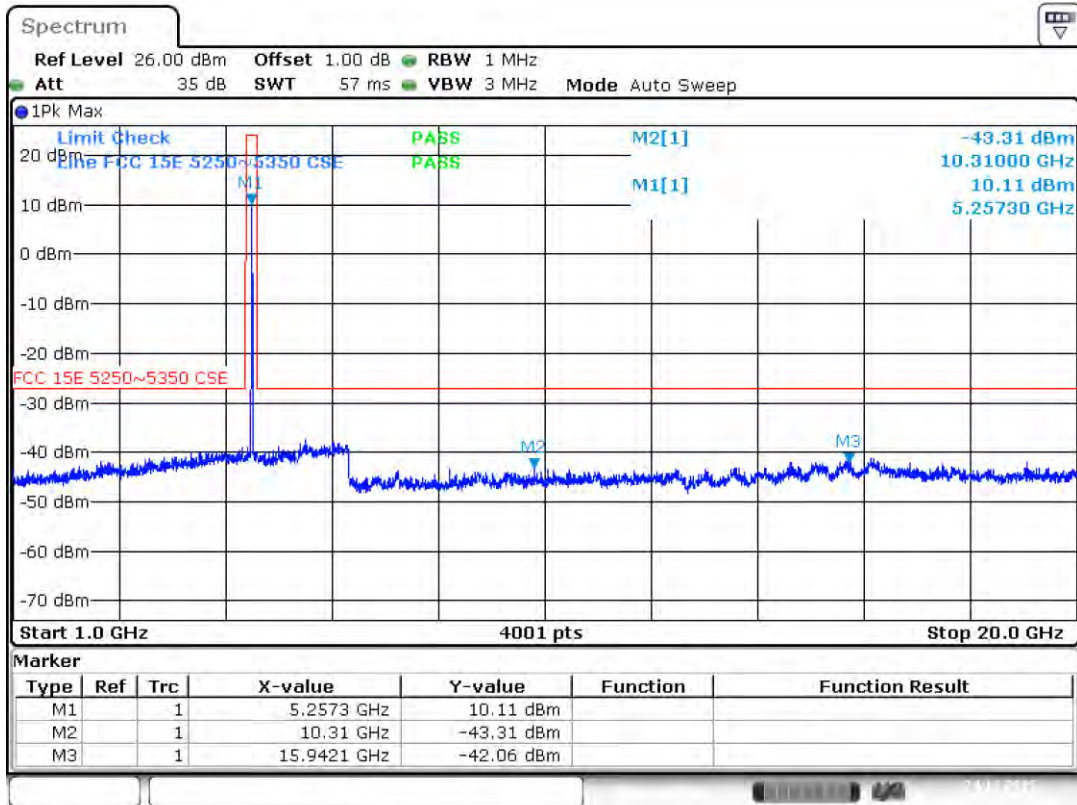
Date: 24.NOV.2015 18:46:36

Band I 11ac(HT80) CH42 (1 ~ 20 GHz)



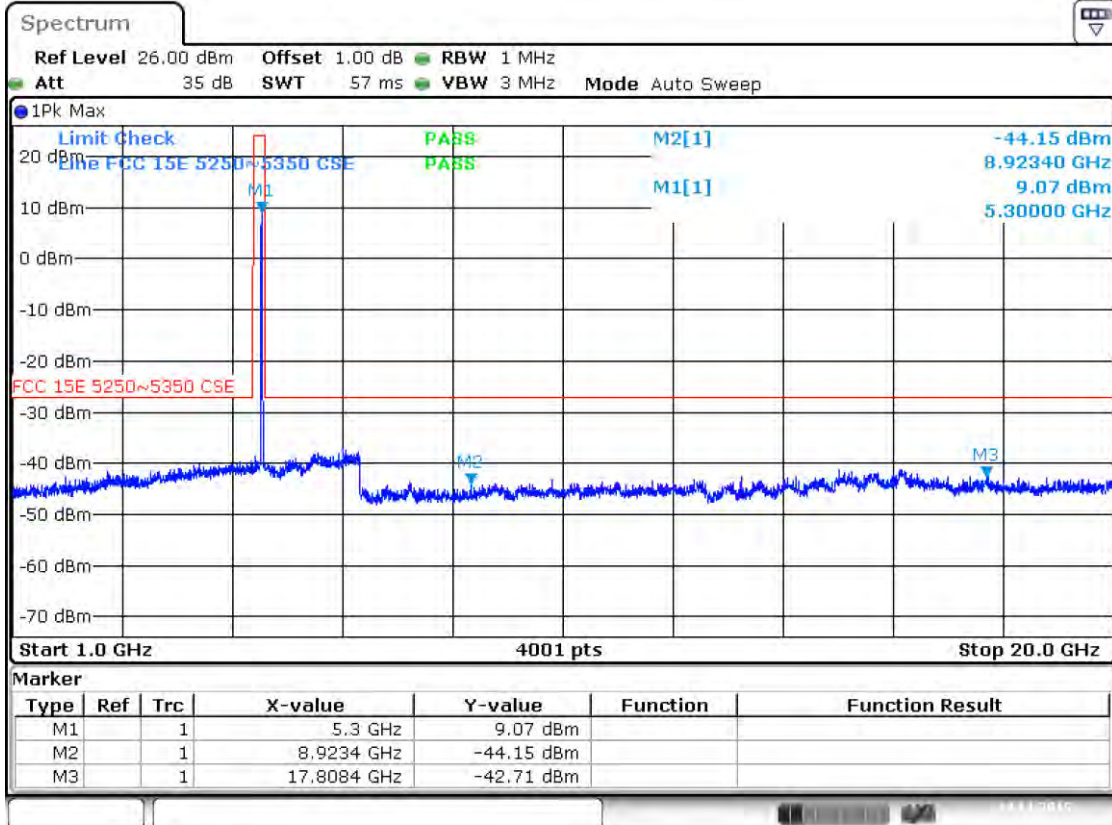
Date: 24.NOV.2015 19:13:16

Band II 11a CH52 (1 ~ 20 GHz)



Date: 24.NOV.2015 17:56:53

Band II 11a CH60 (1 ~ 20 GHz)



Date: 24.NOV.2015 17:58:39

Band II 11a CH64 (1 ~ 20 GHz)