

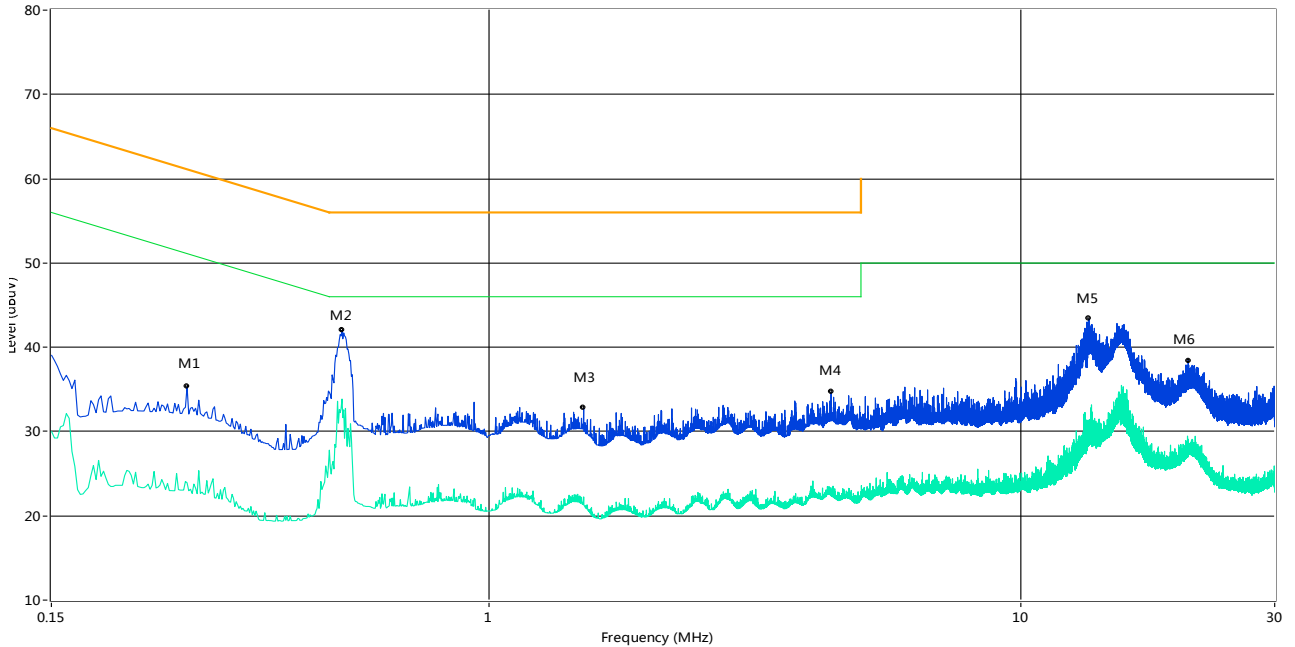
A.5 Conducted Emissions

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

Test Data and Plots

PHASE L

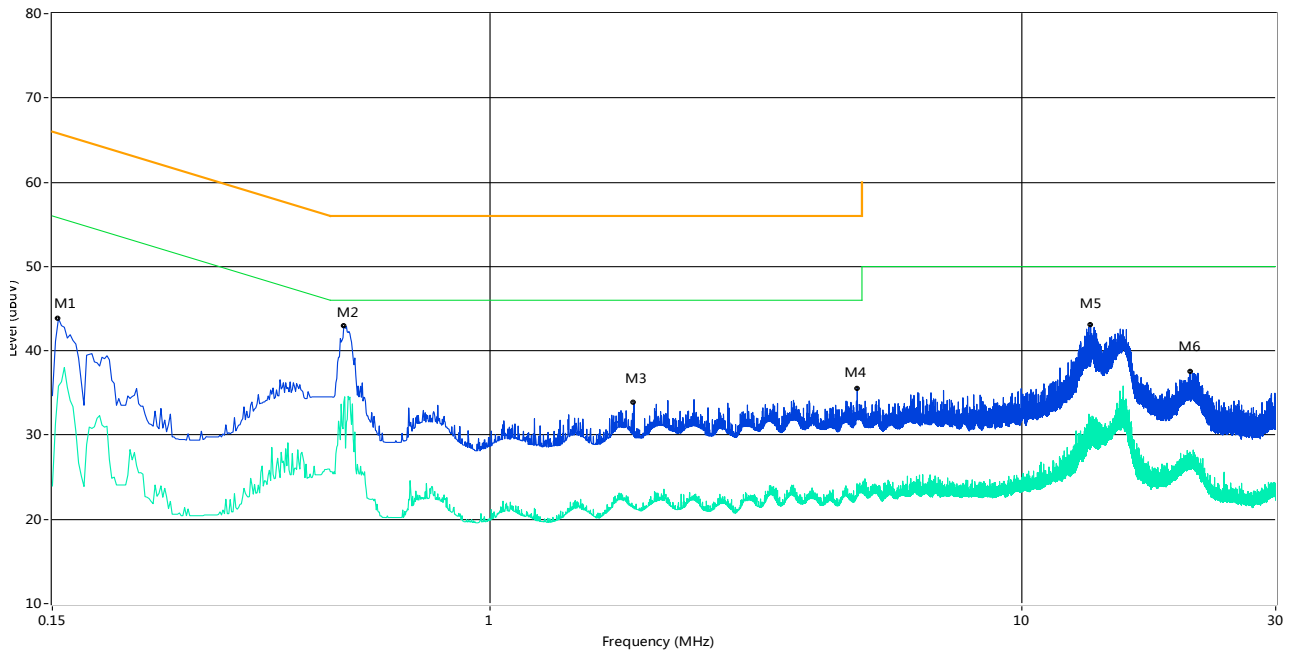
CE Test case_CE_FCC PART 15_ Class B



| 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



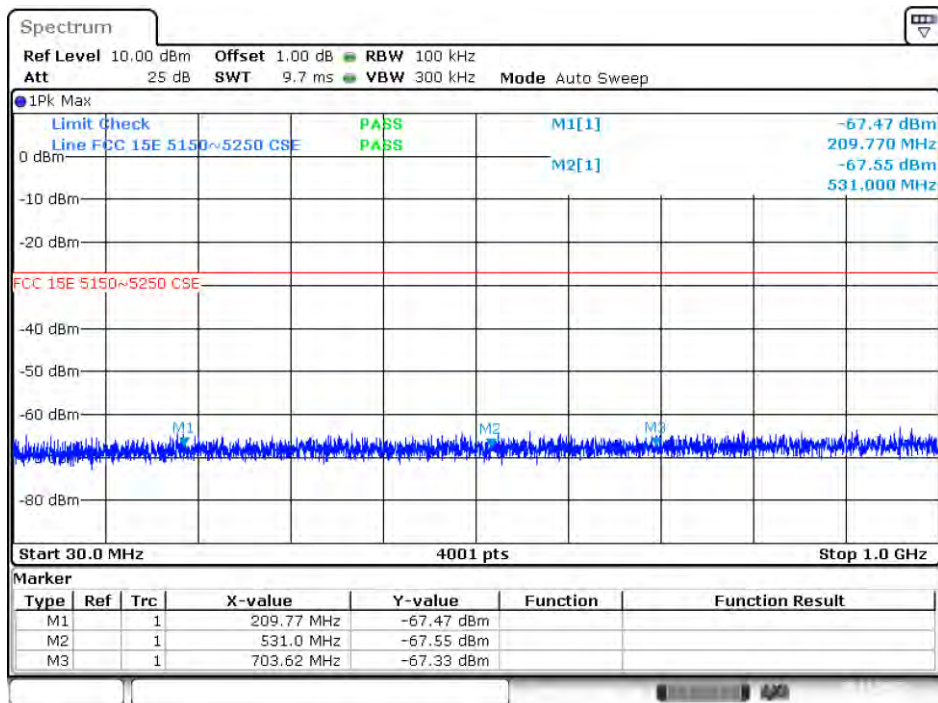
| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|--------|---------|
| 1 | 0.15 | 43.8 | 13.00 | 65.9 | 22.10 | Peak | N Line | Pass |
| 1** | 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.

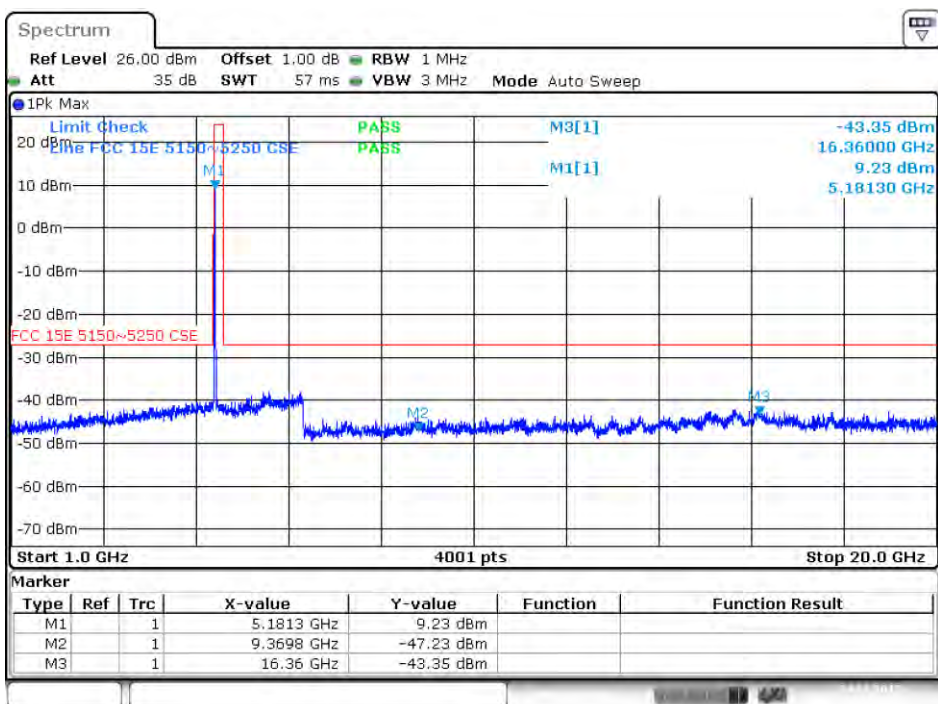
ANT 0

Band I 11a CH36 (30 ~ 1000 MHz)



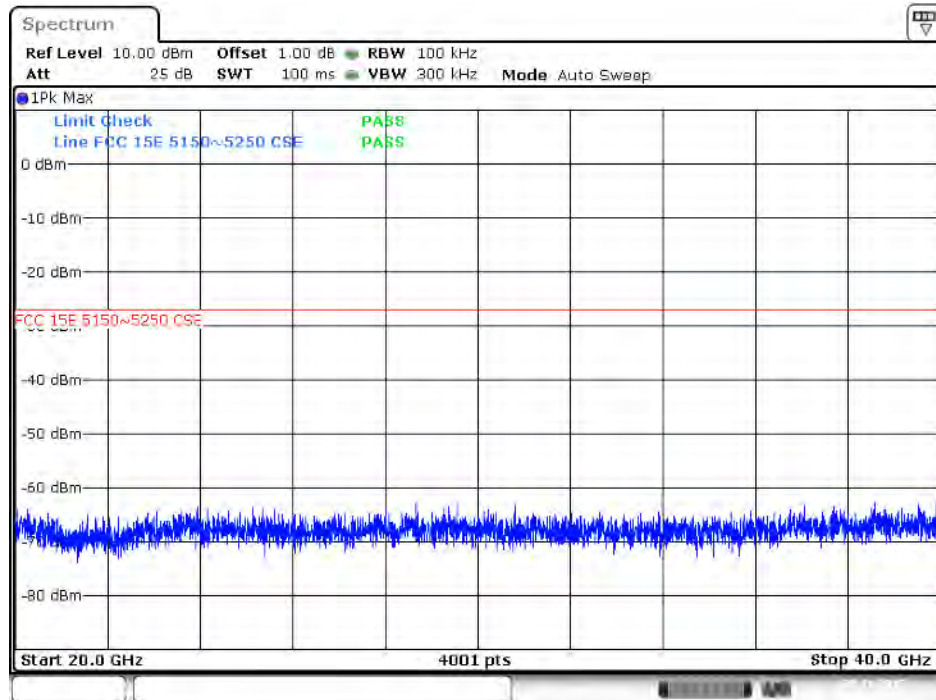
Date: 28.NOV.2015 16:38:54

Band I 11a CH36 (1 ~ 20 GHz)



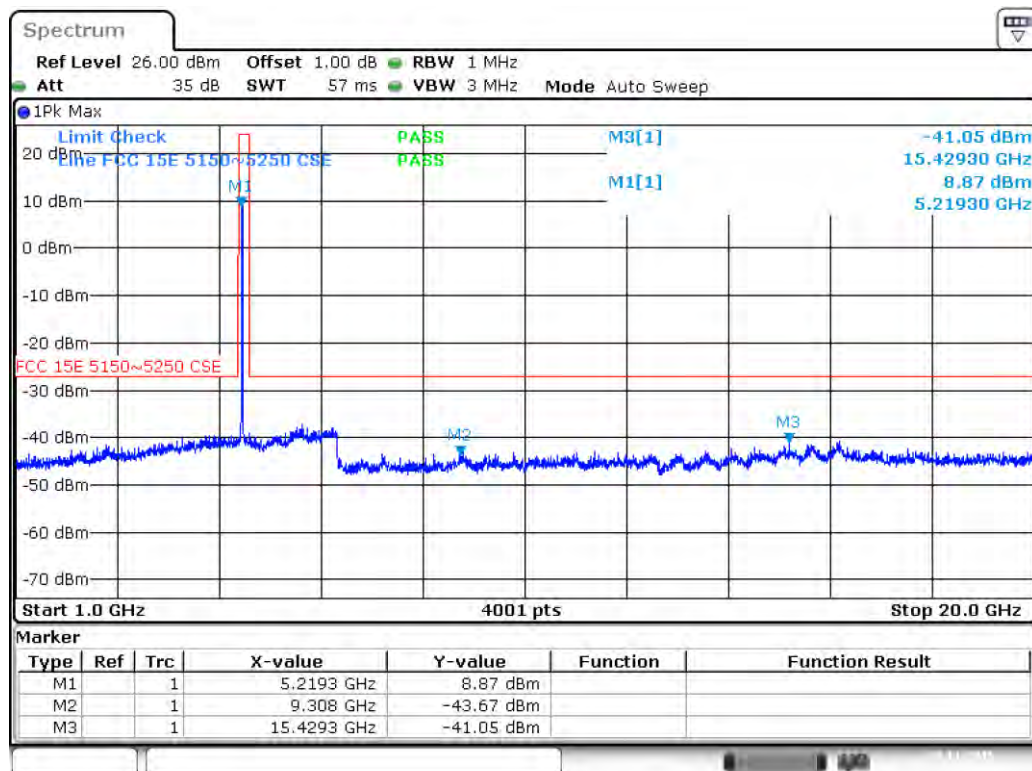
Date: 24.NOV.2015 17:50:01

Band I 11a CH36 (20 ~ 40 GHz)



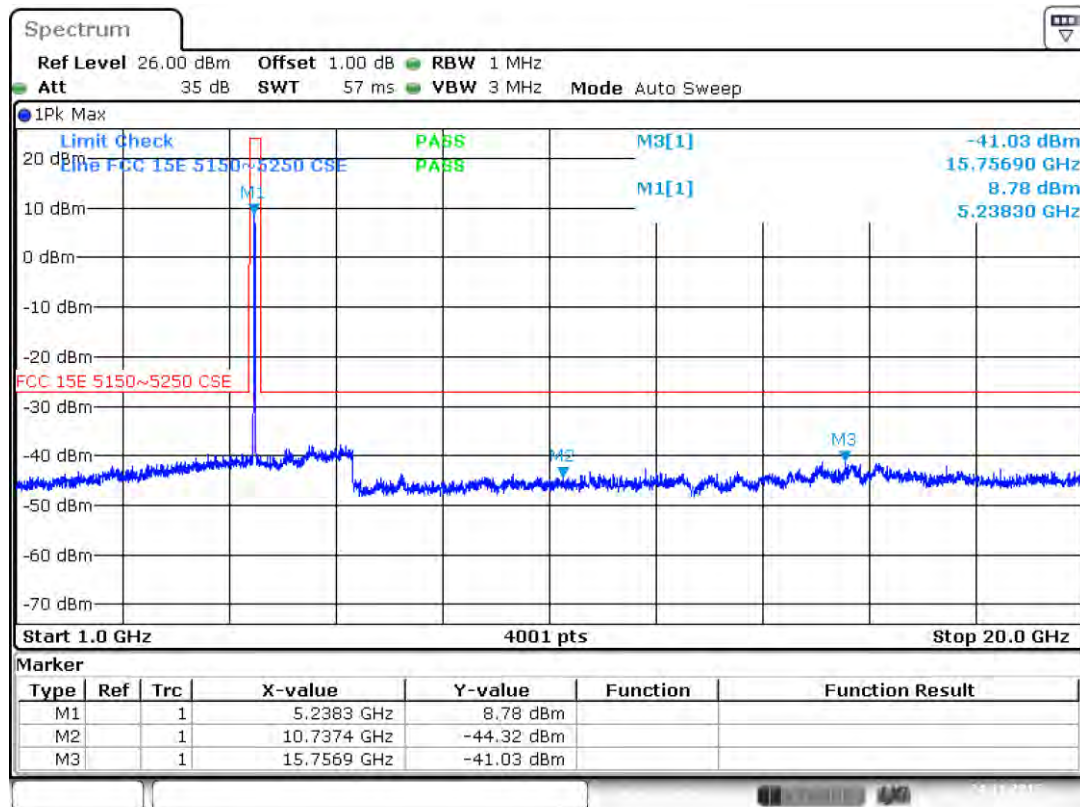
Date: 28.NOV.2015 16:39:51

Band I 11a CH44 (1 ~ 20 GHz)



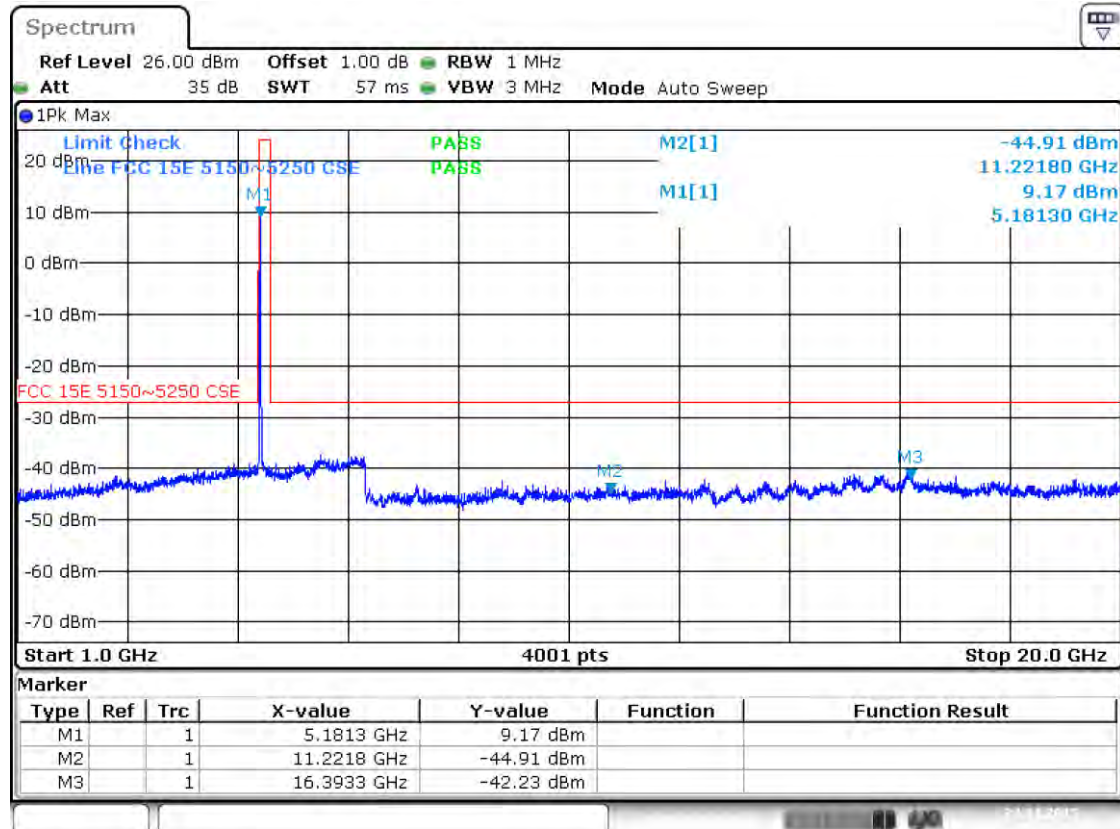
Date: 24.NOV.2015 17:52:20

Band I 11a CH48 (1 ~ 20 GHz)



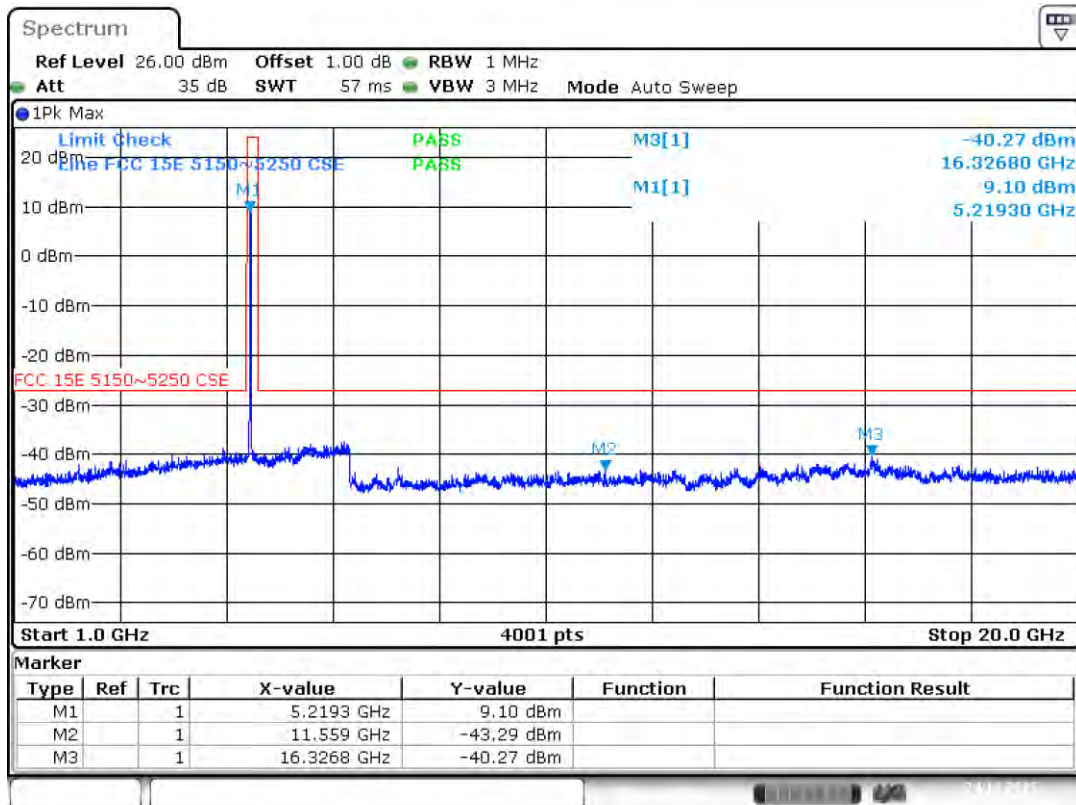
Date: 24.NOV.2015 17:54:05

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



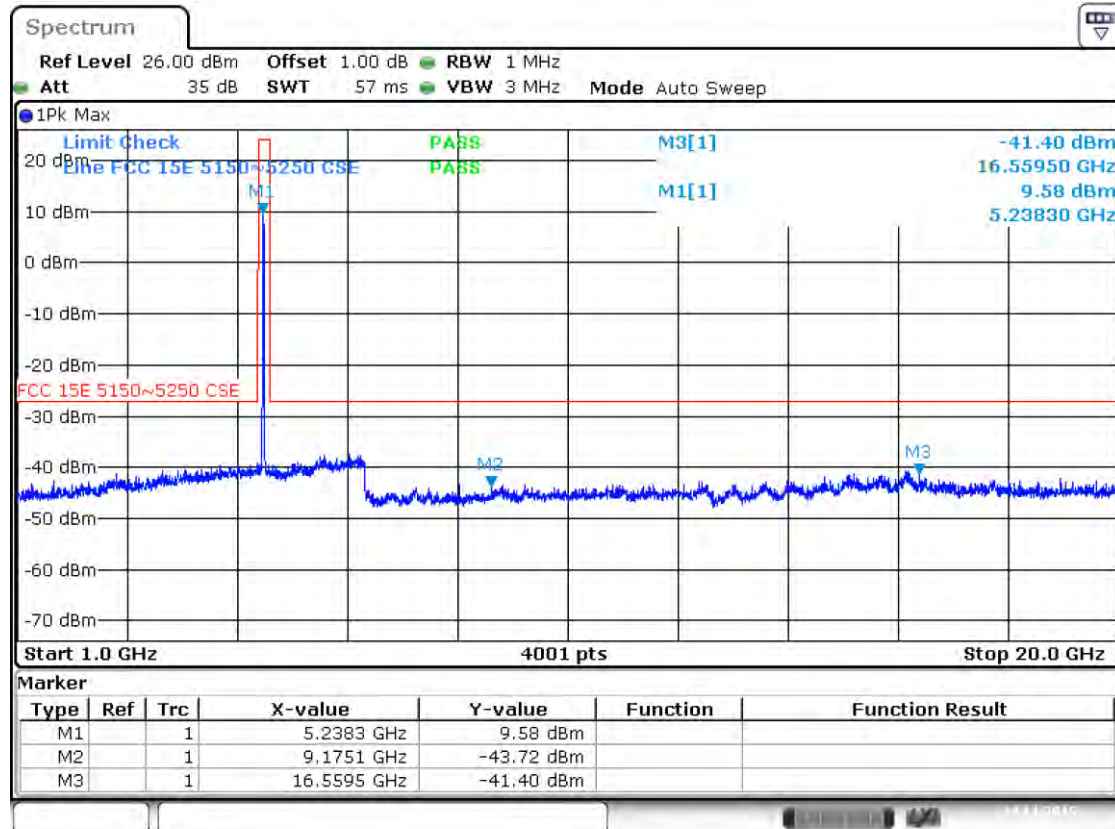
Date: 24.NOV.2015 18:17:53

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



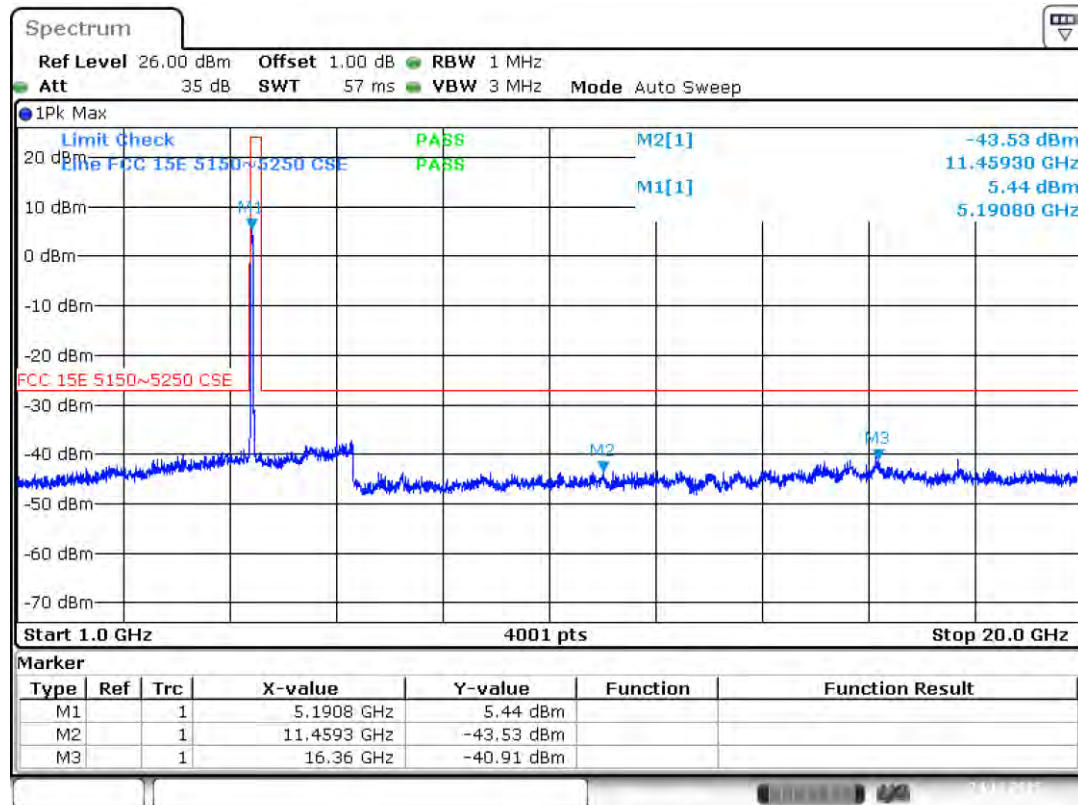
Date: 24.NOV.2015 18:19:38

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



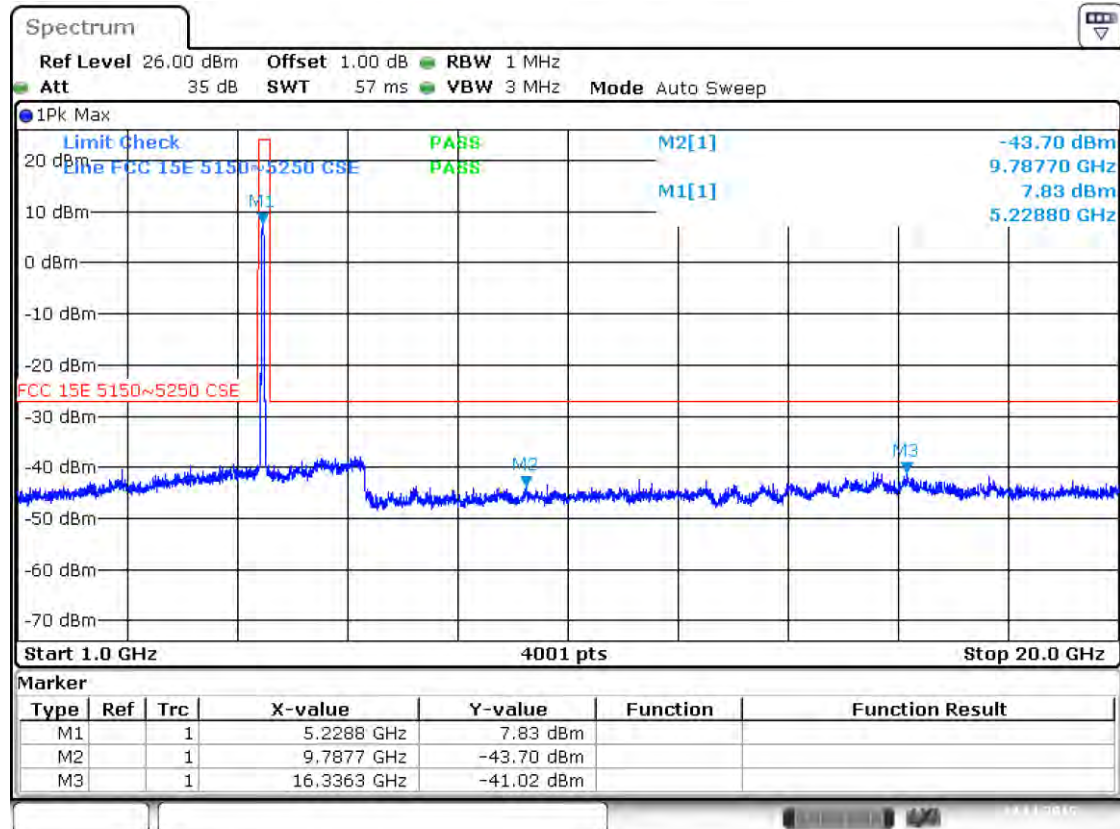
Date: 24.NOV.2015 18:21:30

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



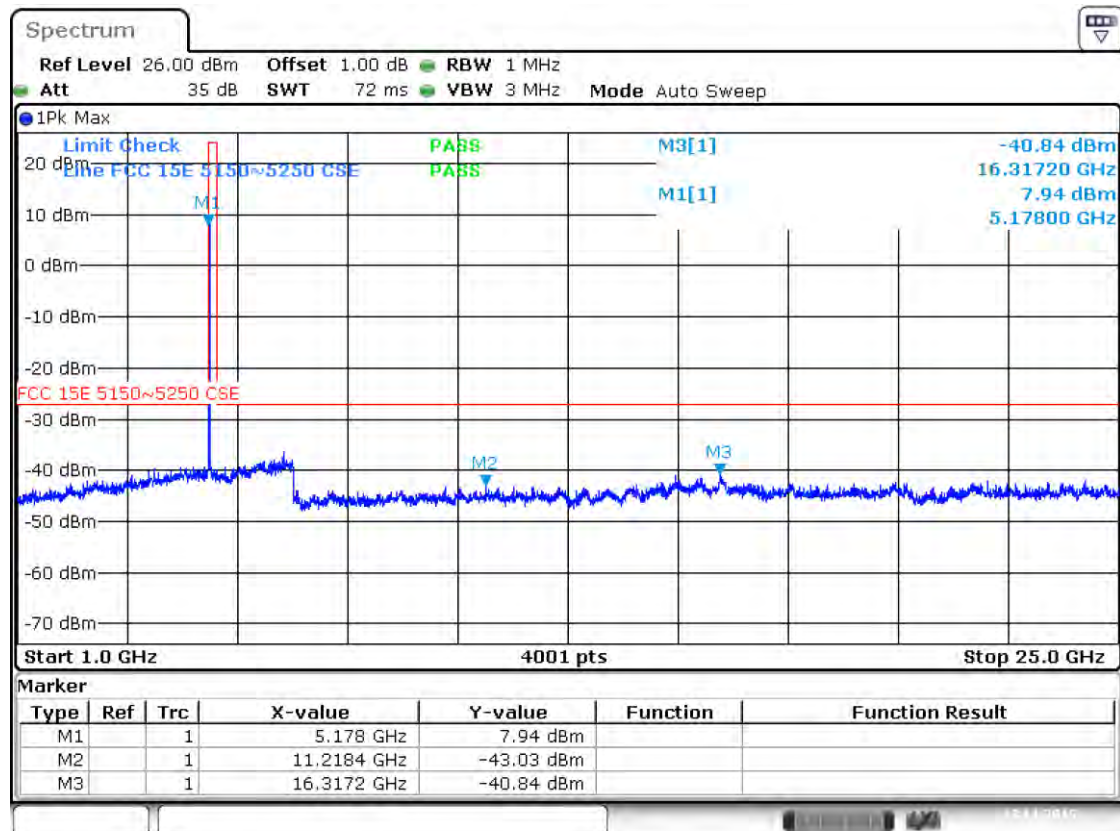
Date: 24.NOV.2015 18:58:43

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



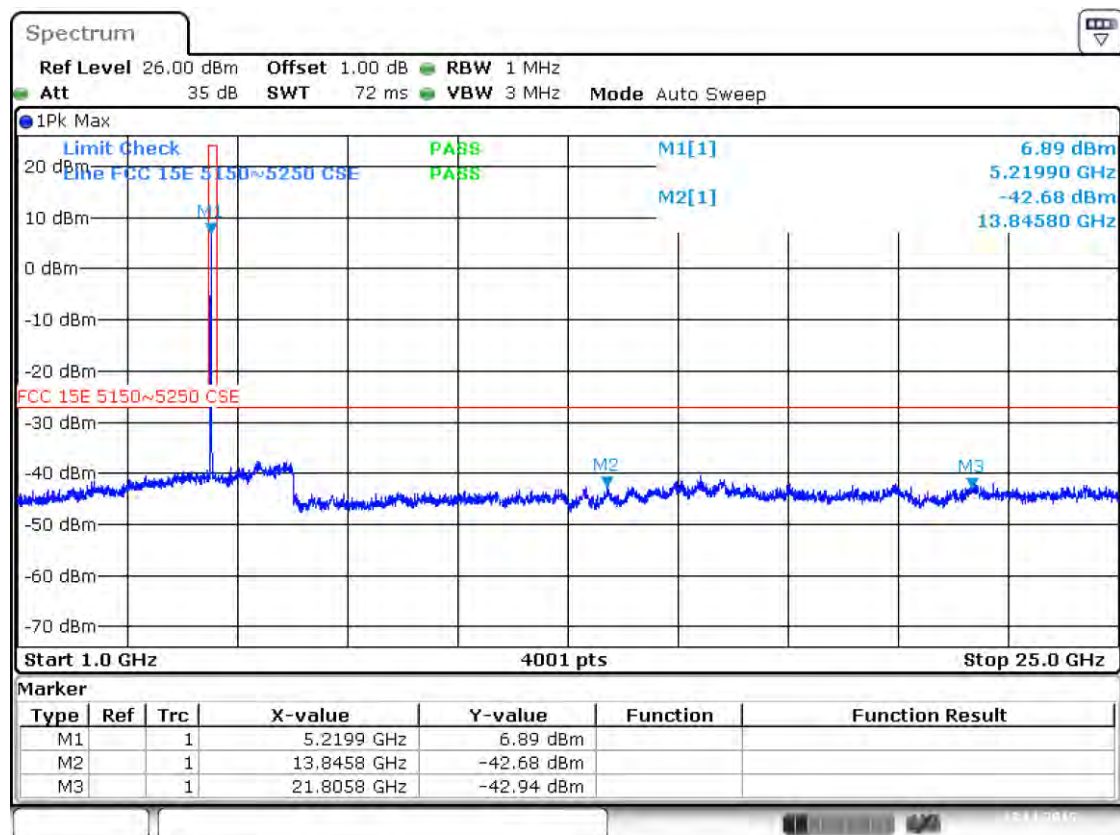
Date: 24.NOV.2015 19:00:09

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



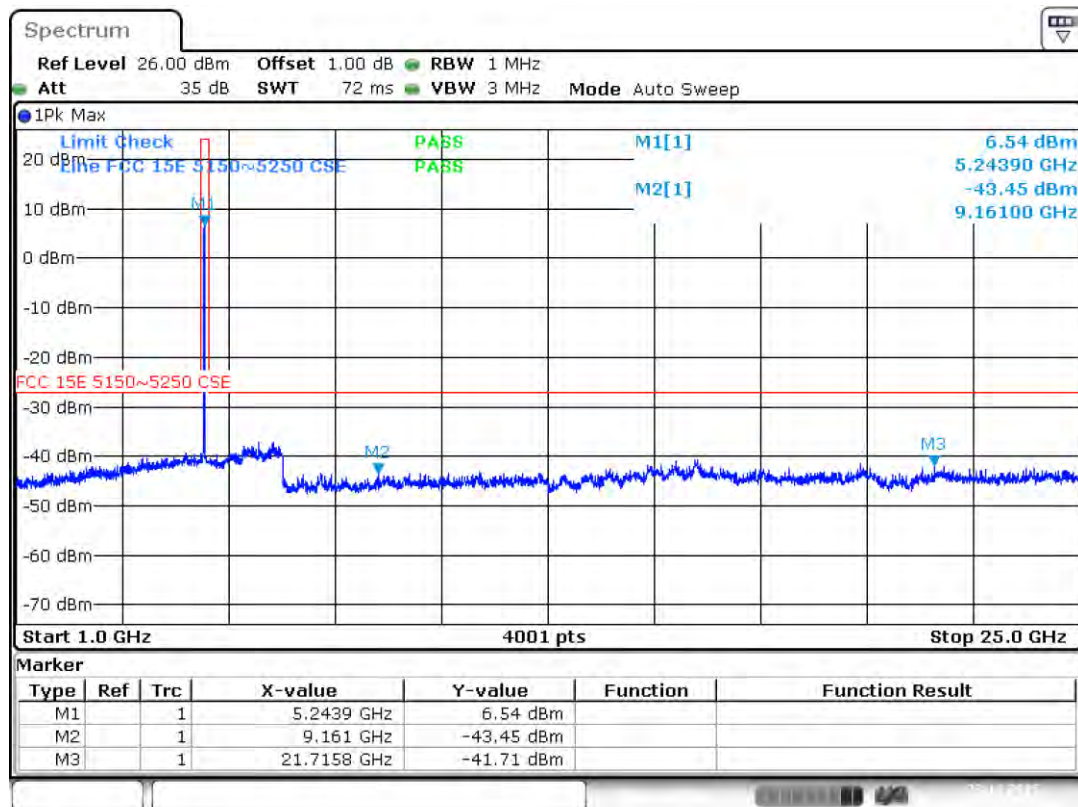
Date: 23.NOV.2015 14:59:43

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



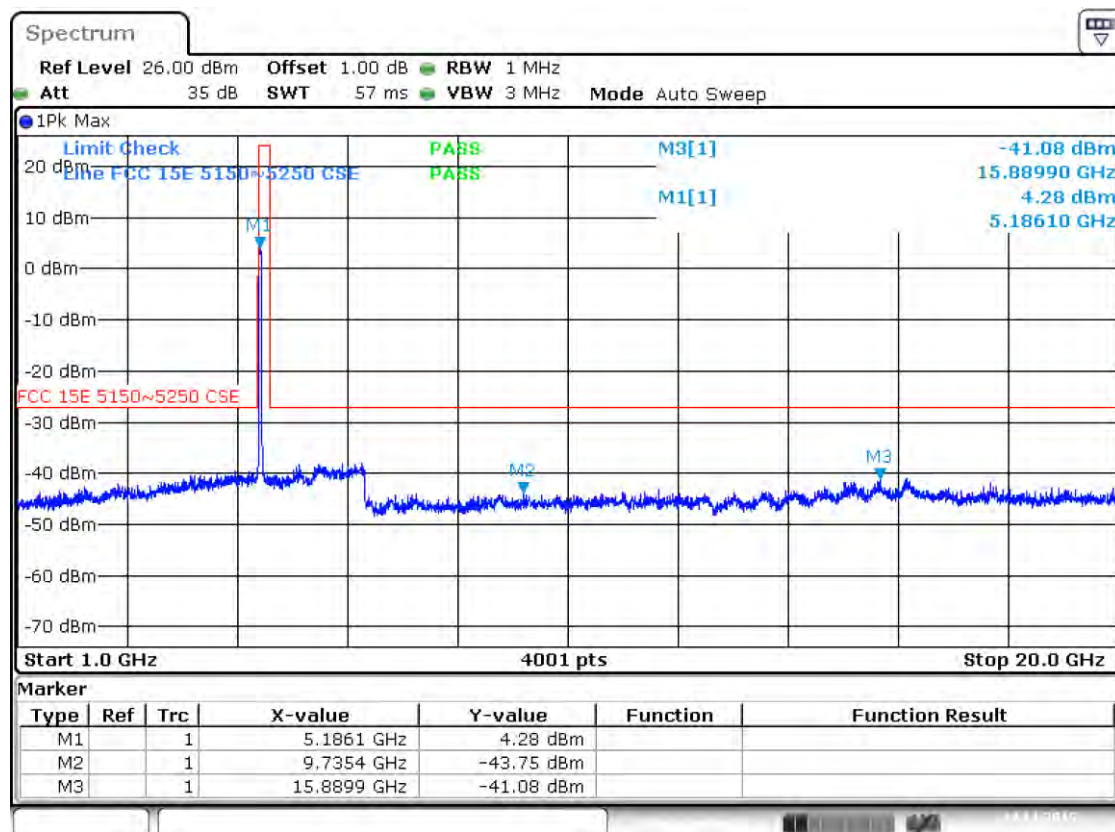
Date: 23.NOV.2015 15:01:50

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



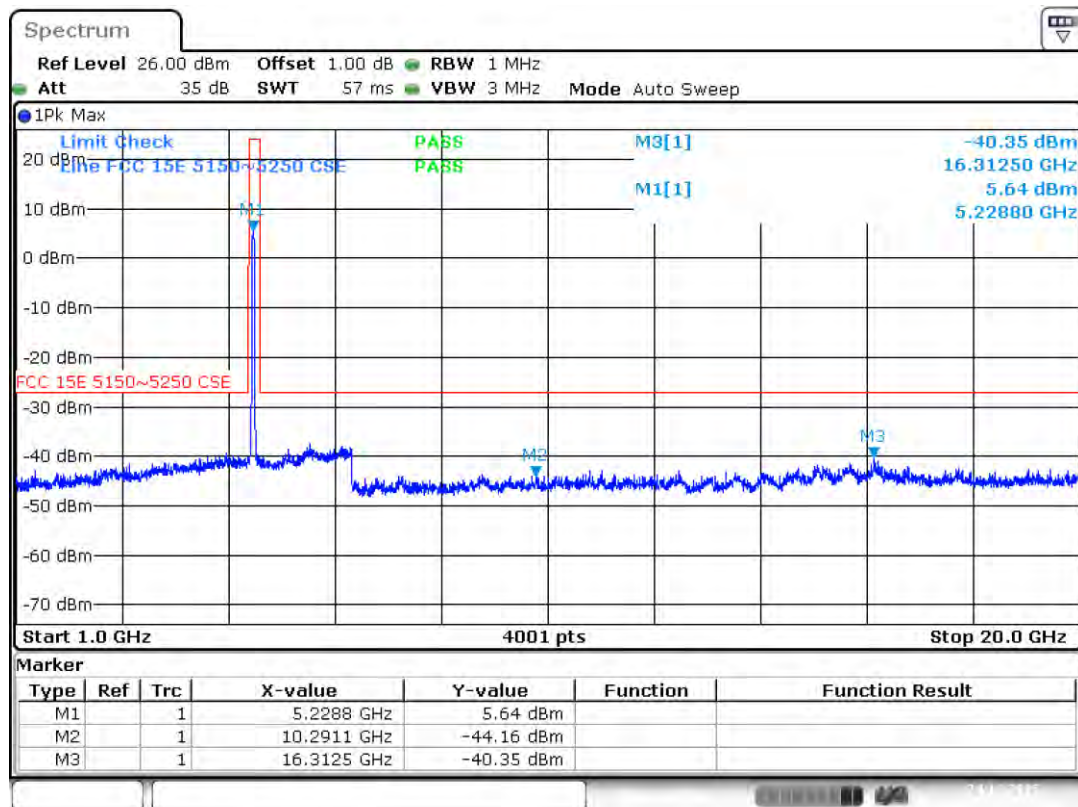
Date: 23.NOV.2015 15:04:49

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



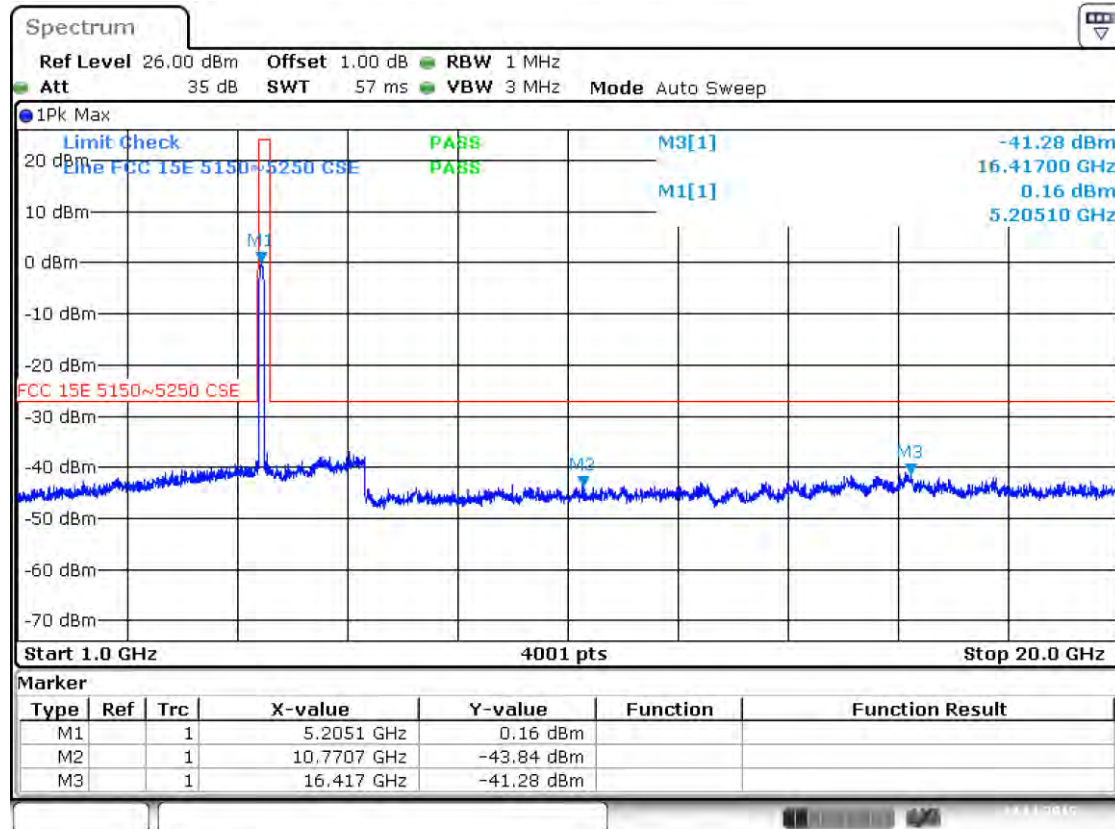
Date: 24.NOV.2015 18:38:47

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



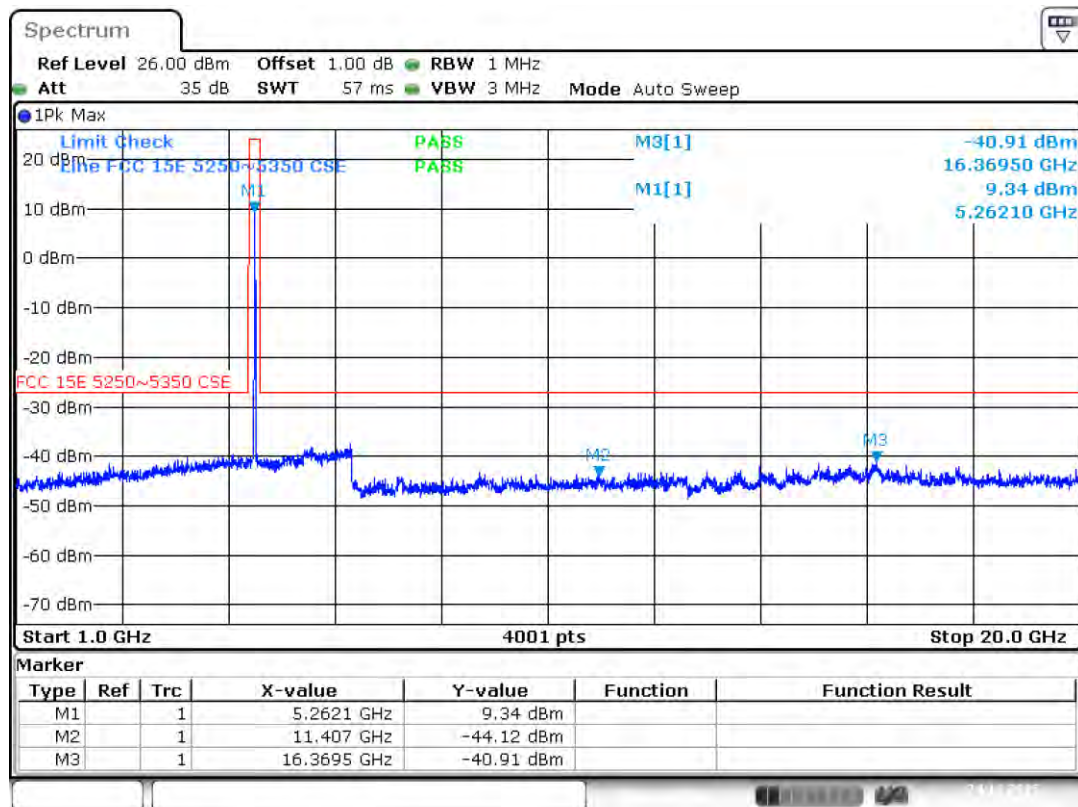
Date: 24.NOV.2015 18:47:10

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



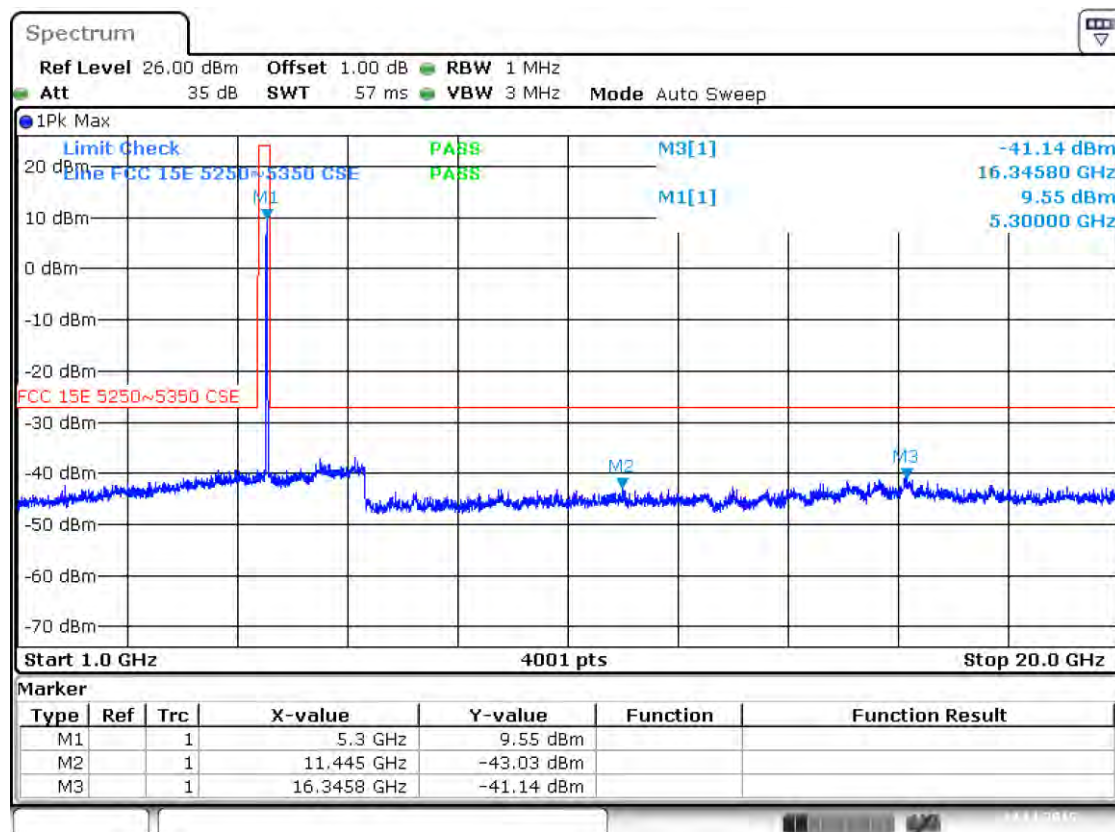
Date: 24.NOV.2015 19:12:30

Band II 11a CH52 (1 ~ 20 GHz)



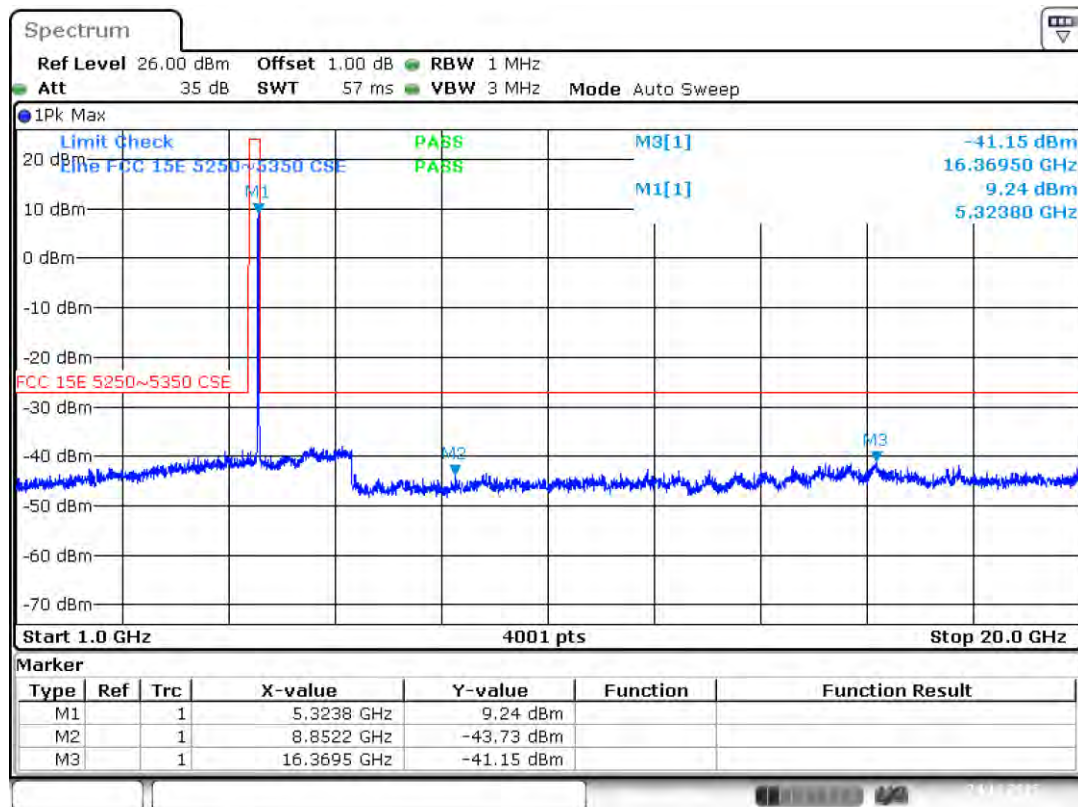
Date: 24.NOV.2015 17:56:12

Band II 11a CH60 (1 ~ 20 GHz)



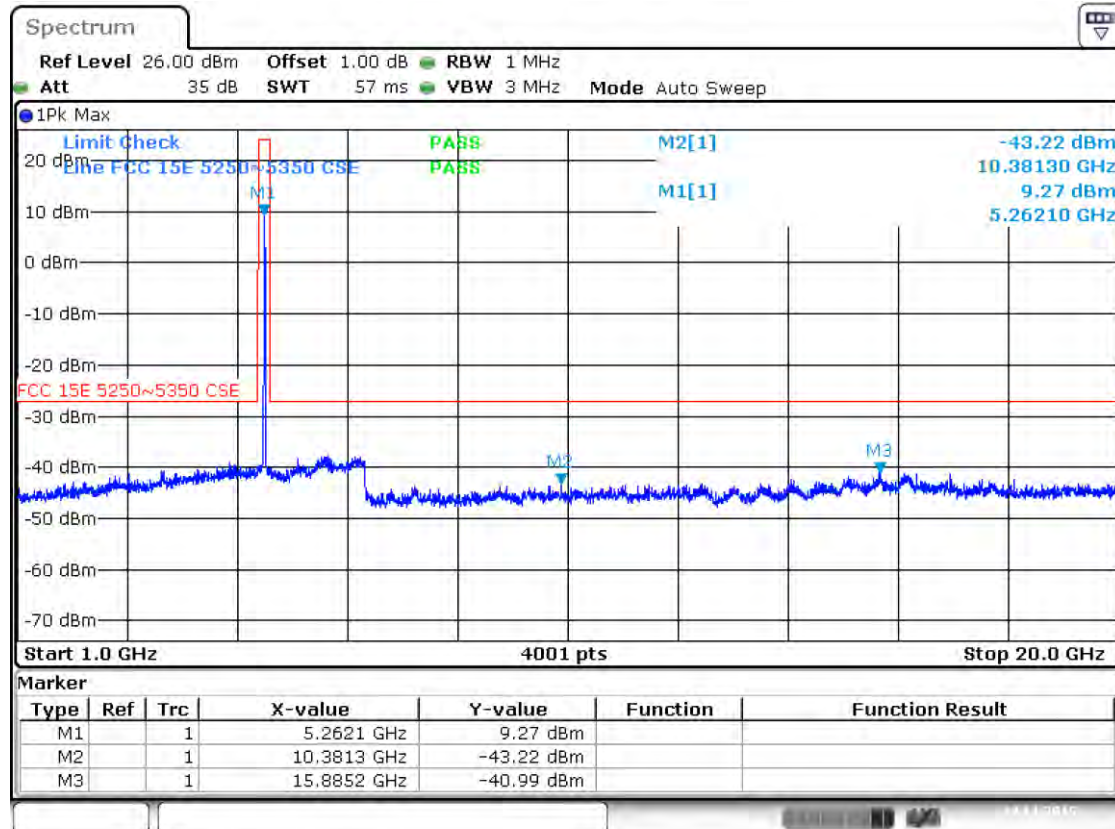
Date: 24.NOV.2015 17:57:52

Band II 11a CH64 (1 ~ 20 GHz)



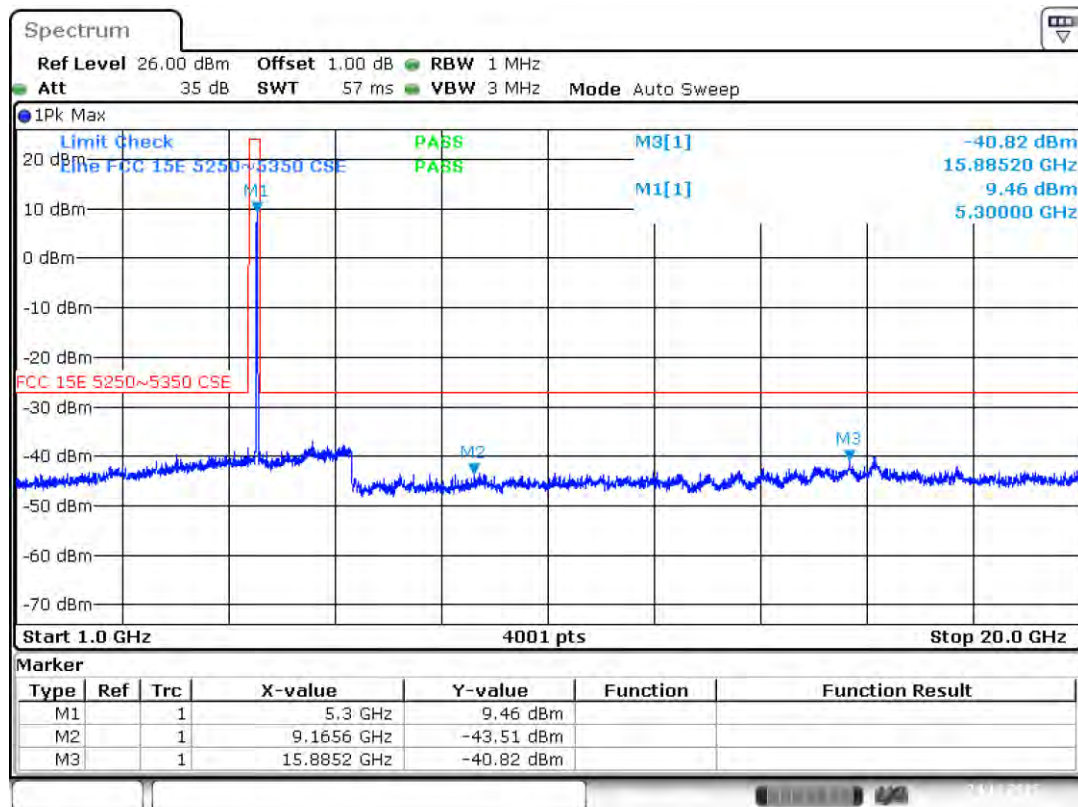
Date: 24.NOV.2015 17:59:22

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



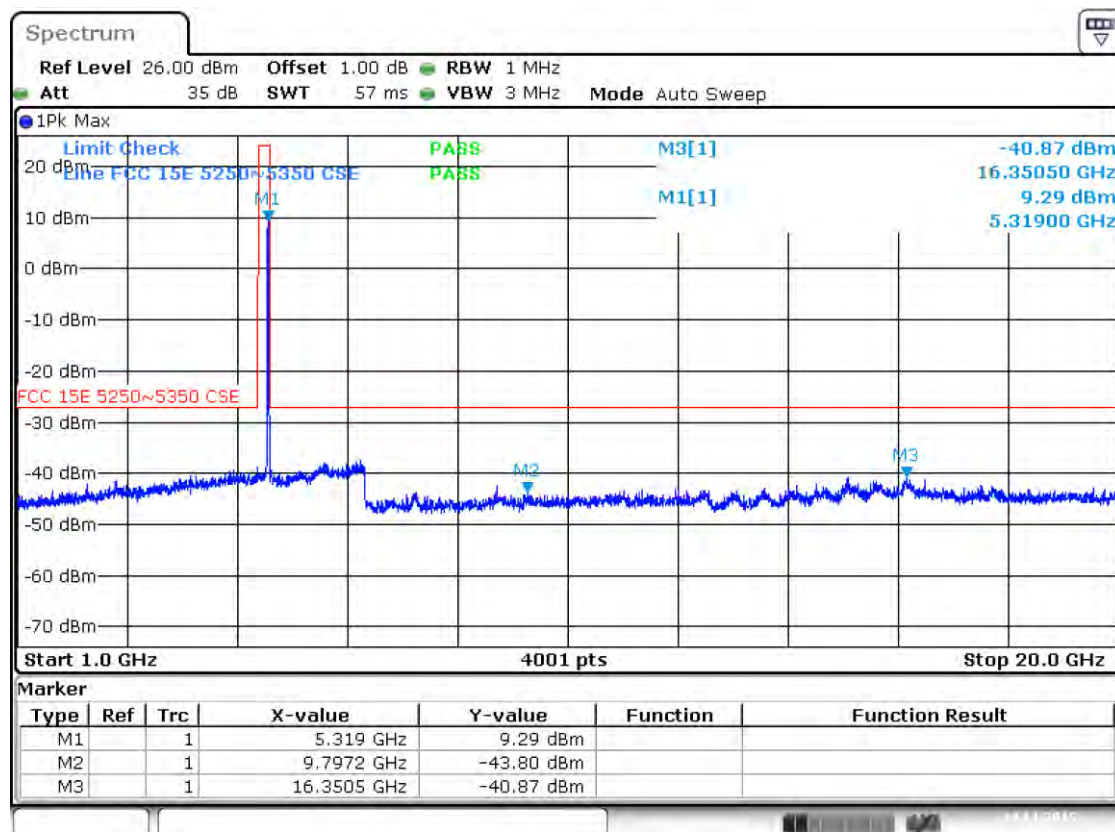
Date: 24.NOV.2015 18:23:04

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



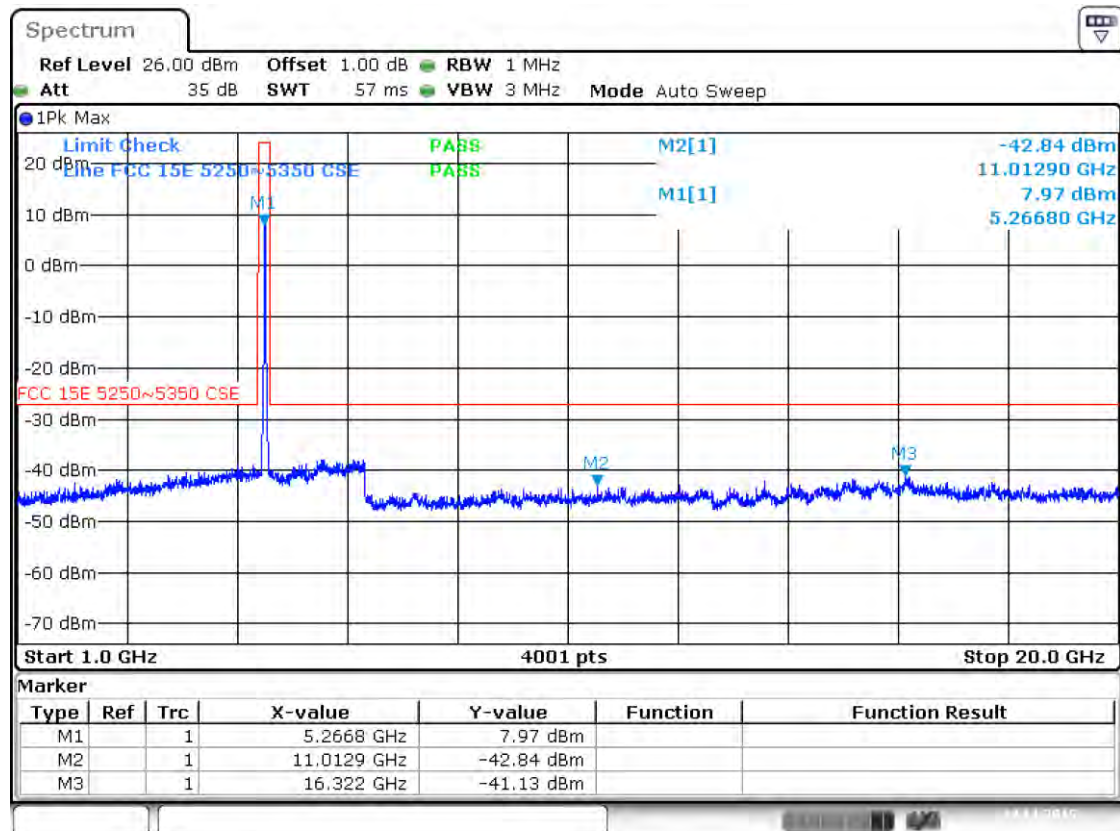
Date: 24.NOV.2015 18:24:43

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



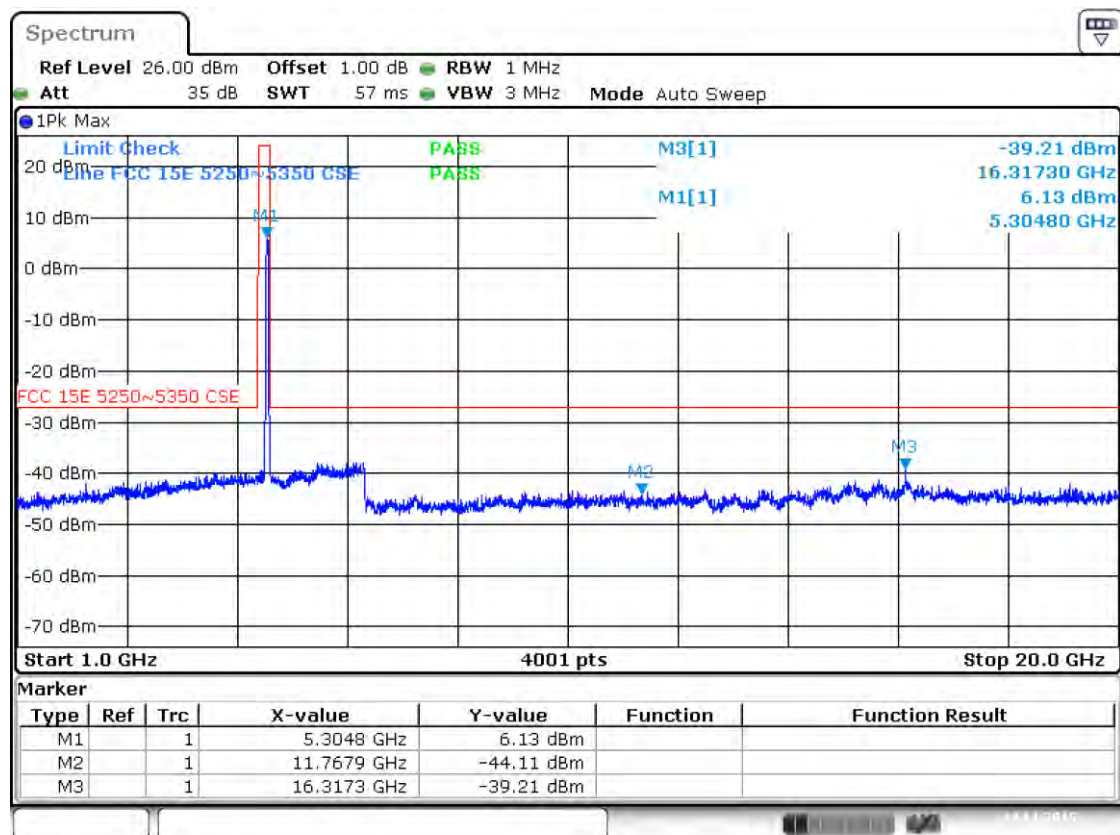
Date: 24.NOV.2015 18:26:18

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



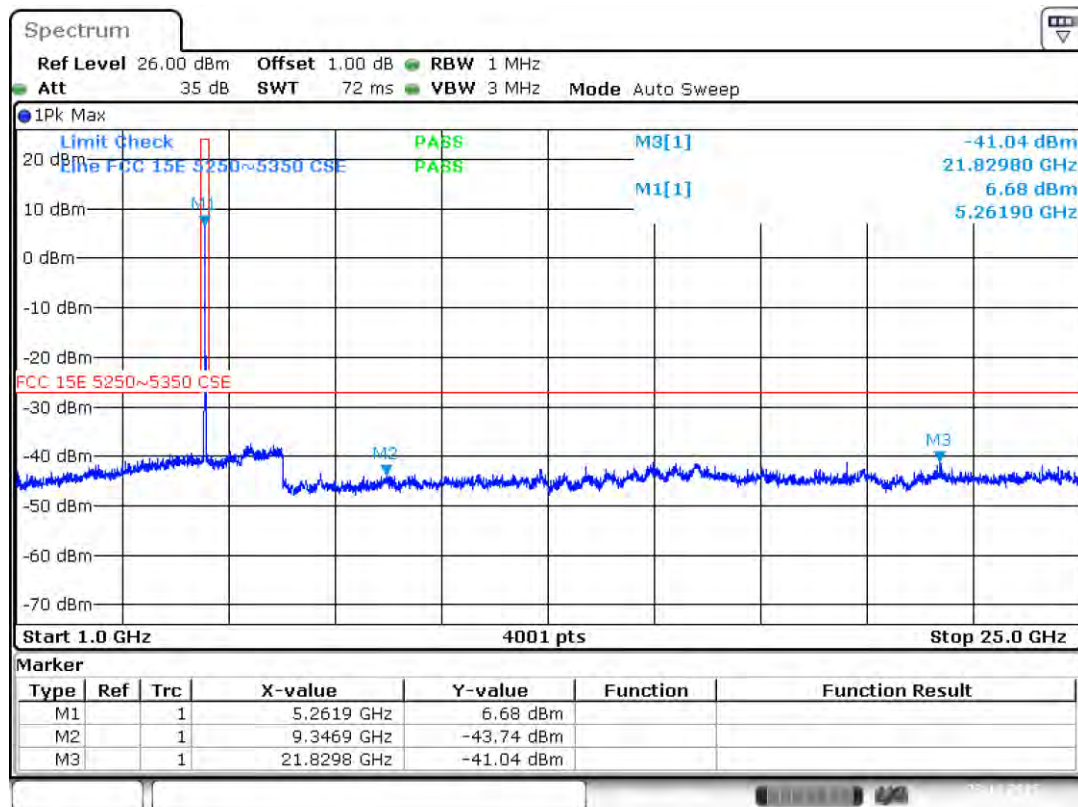
Date: 24.NOV.2015 19:01:51

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



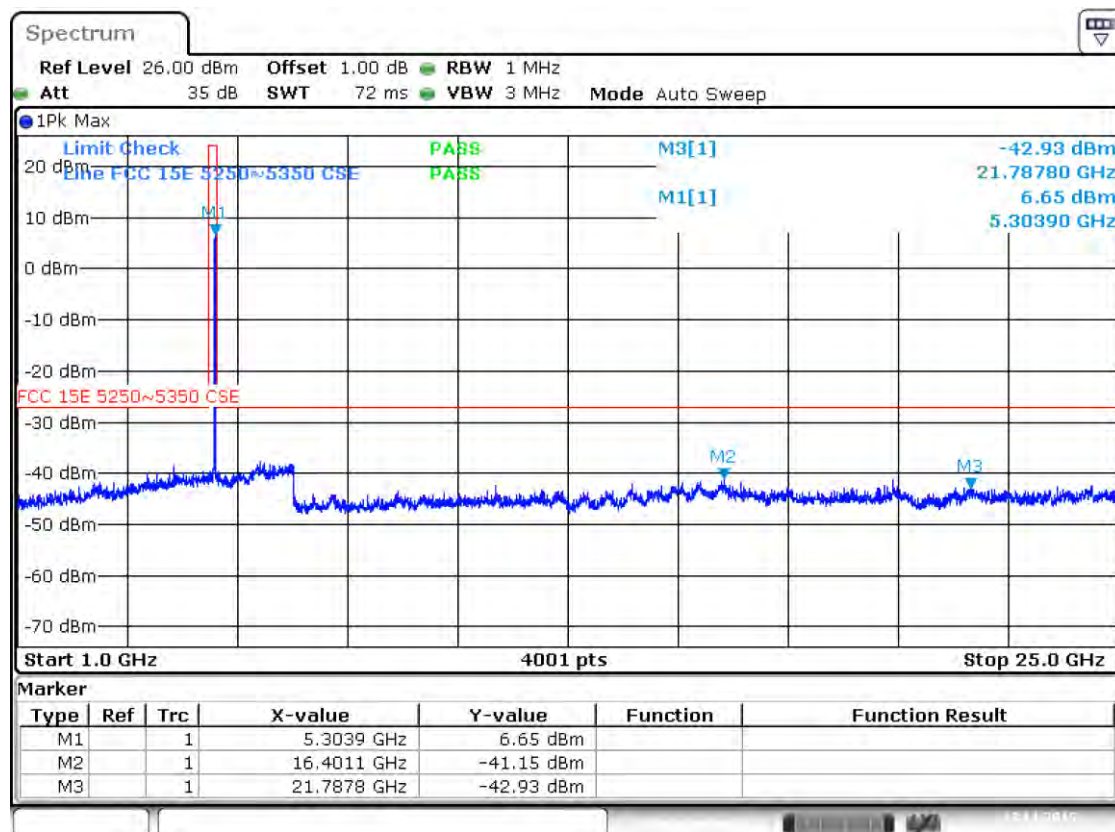
Date: 24.NOV.2015 19:03:17

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



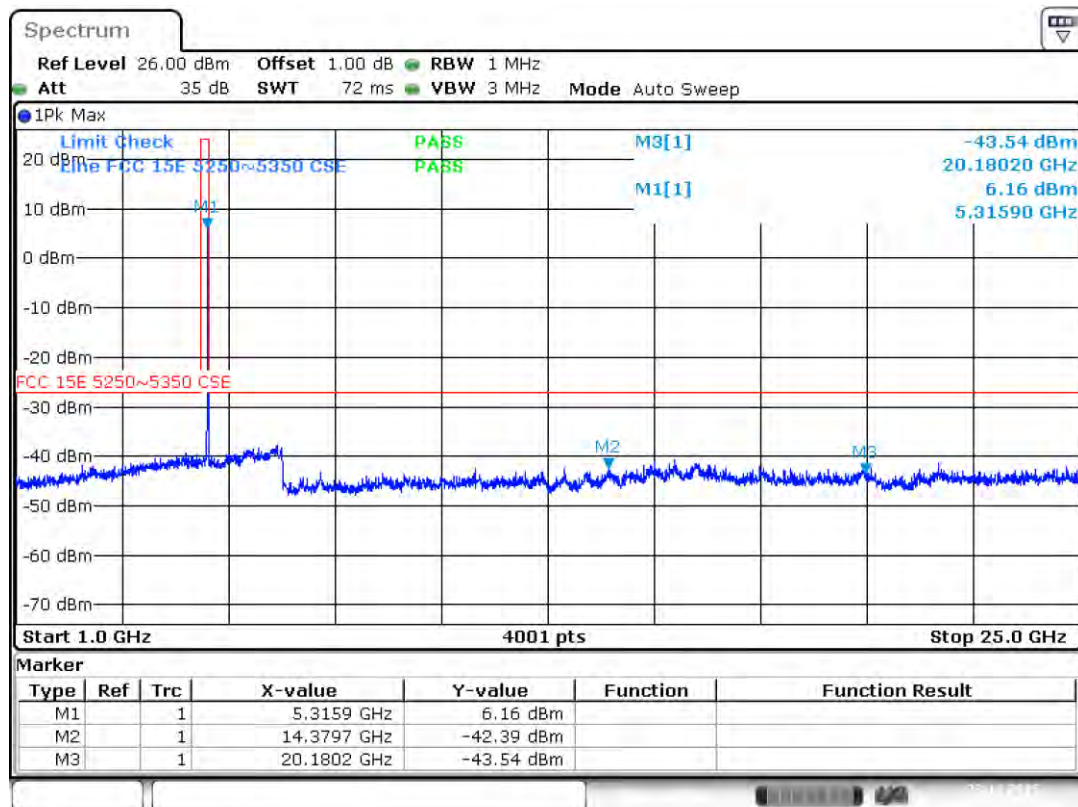
Date: 23.NOV.2015 15:09:29

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



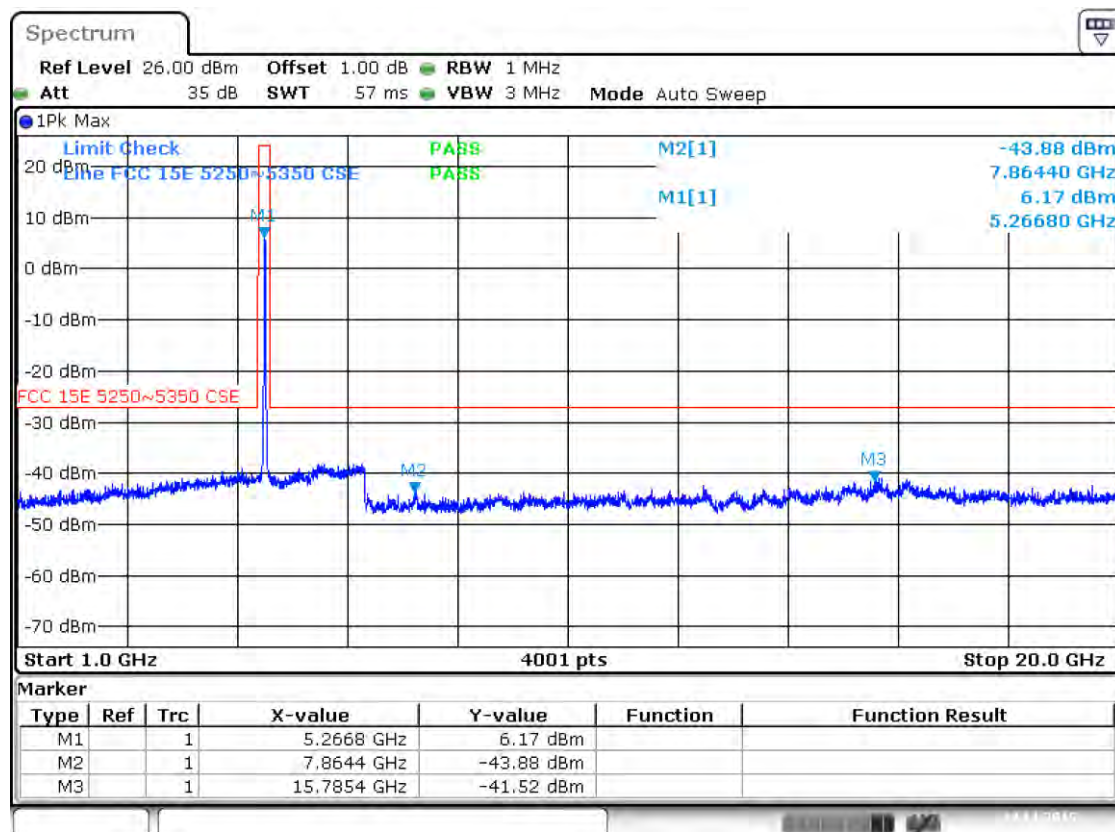
Date: 23.NOV.2015 15:11:53

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



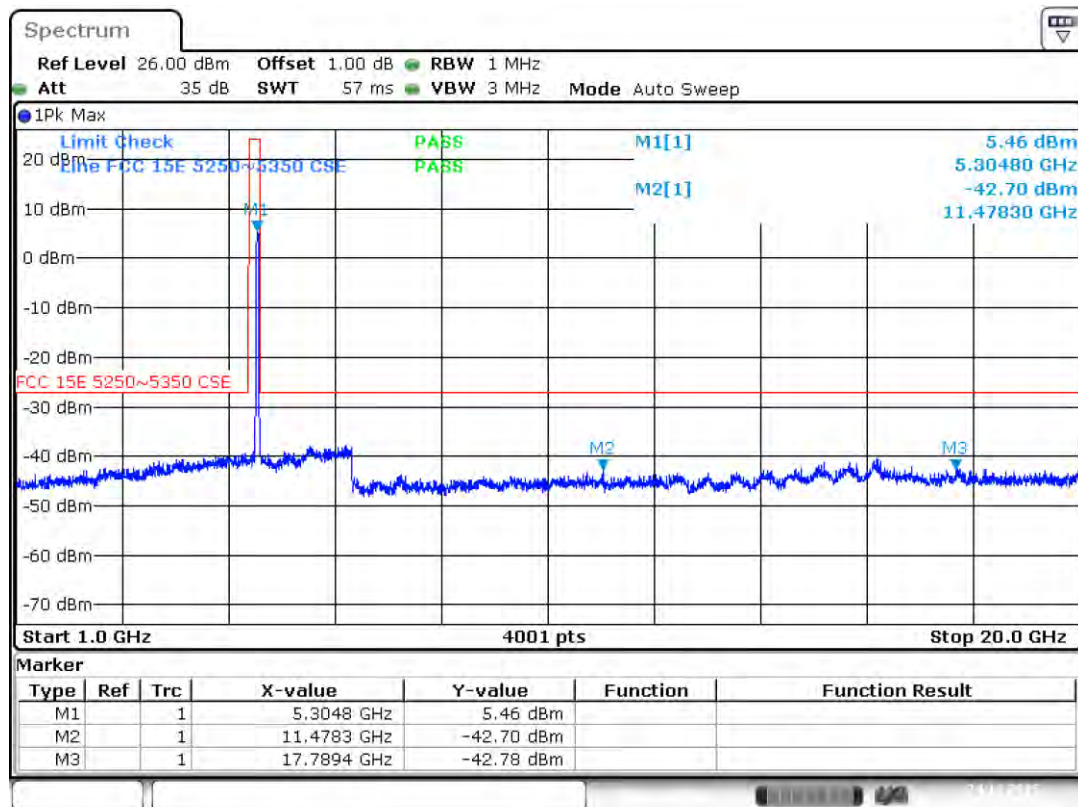
Date: 23.NOV.2015 15:13:29

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



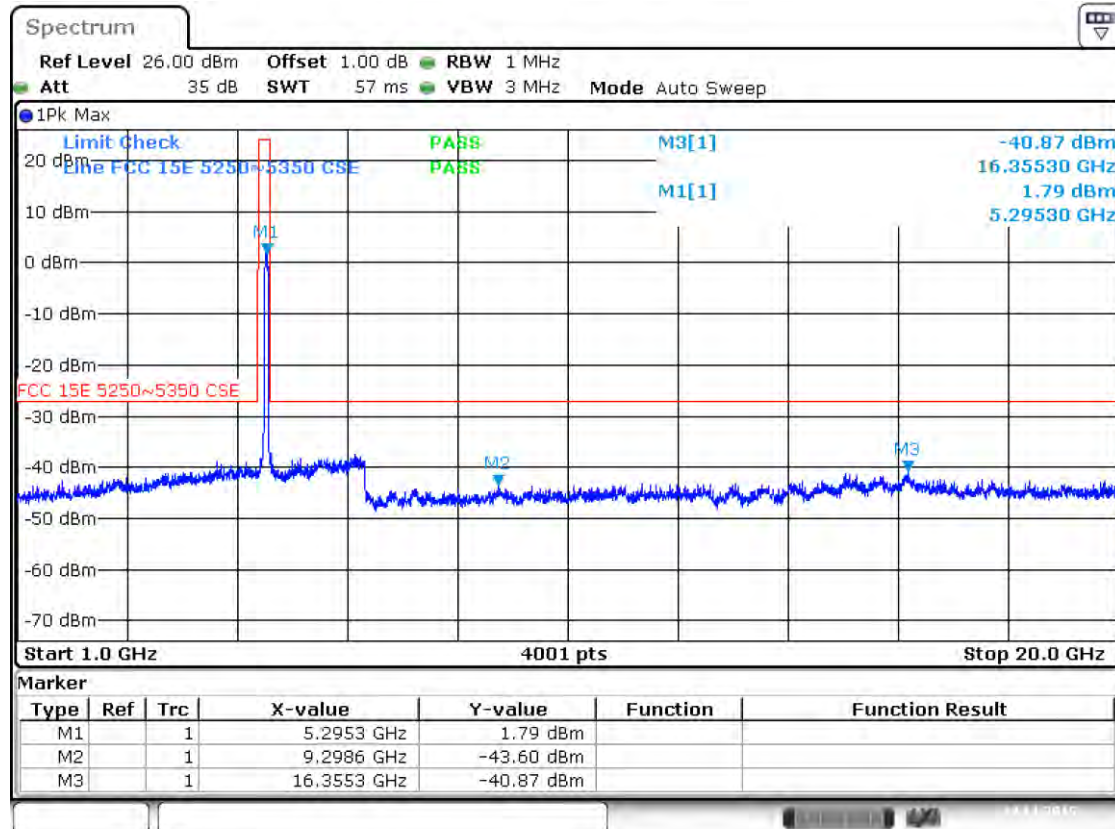
Date: 24.NOV.2015 18:48:33

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



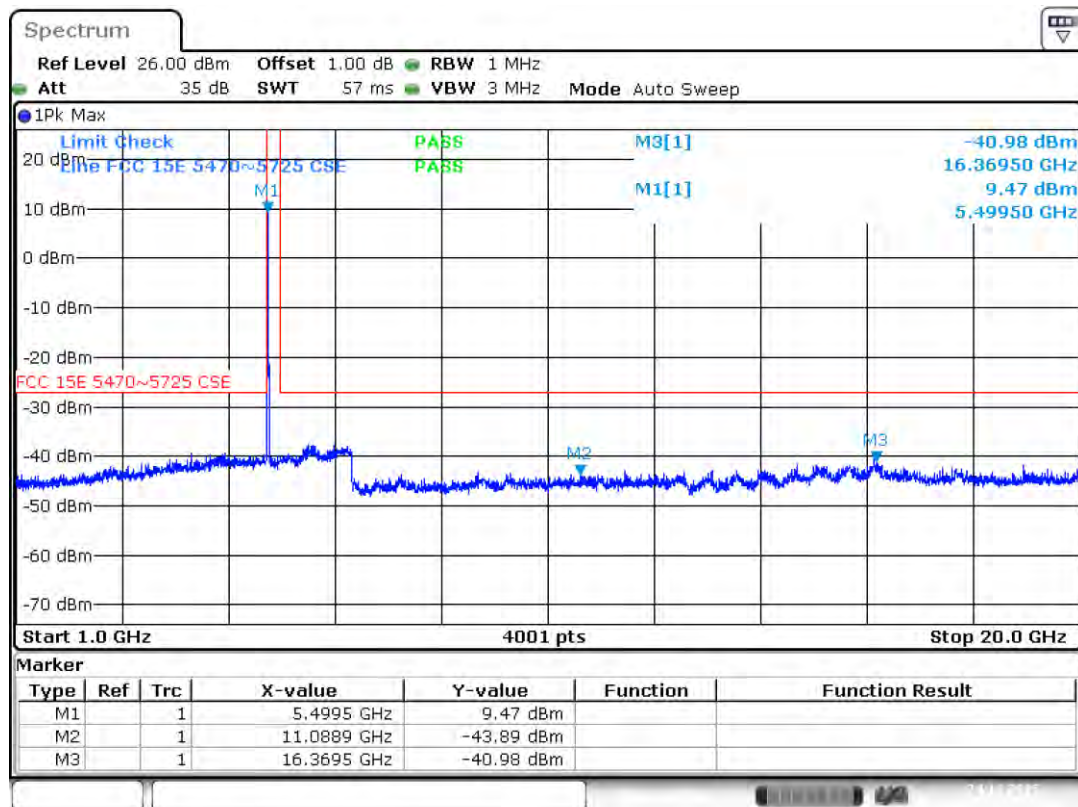
Date: 24.NOV.2015 18:50:43

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



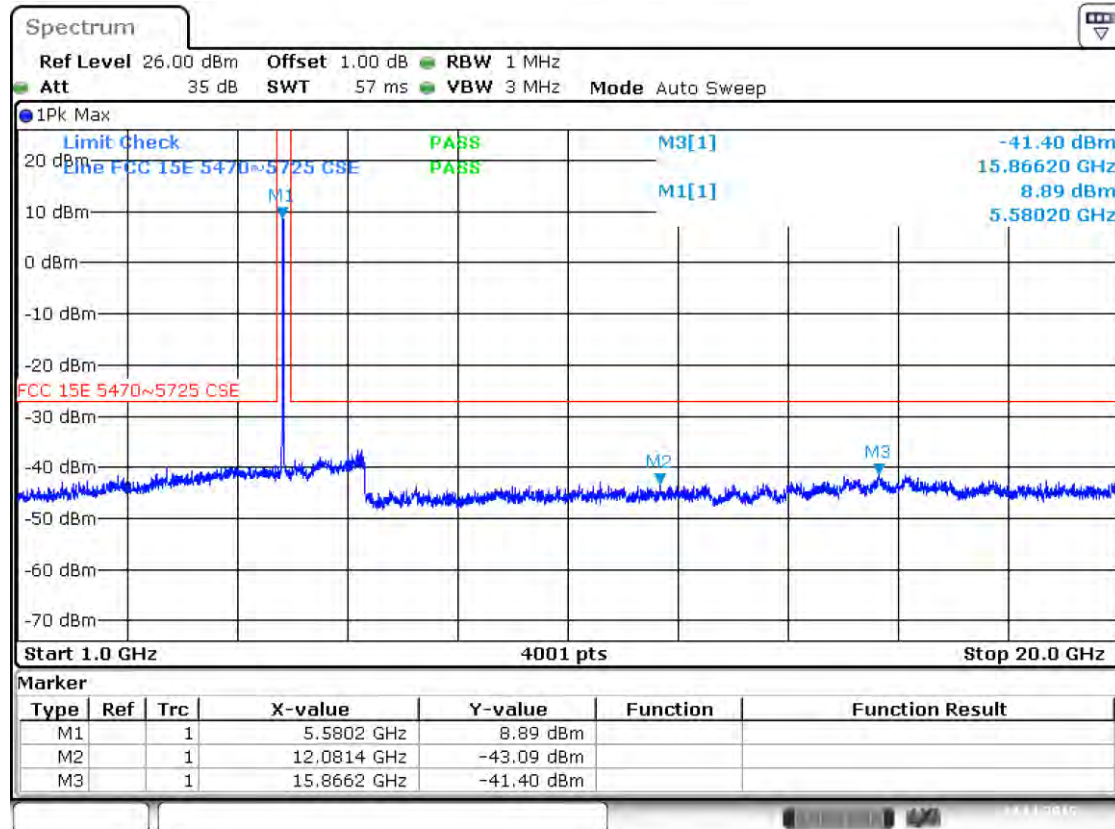
Date: 24.NOV.2015 19:14:12

Band III 11a CH100 (1 ~ 20 GHz)



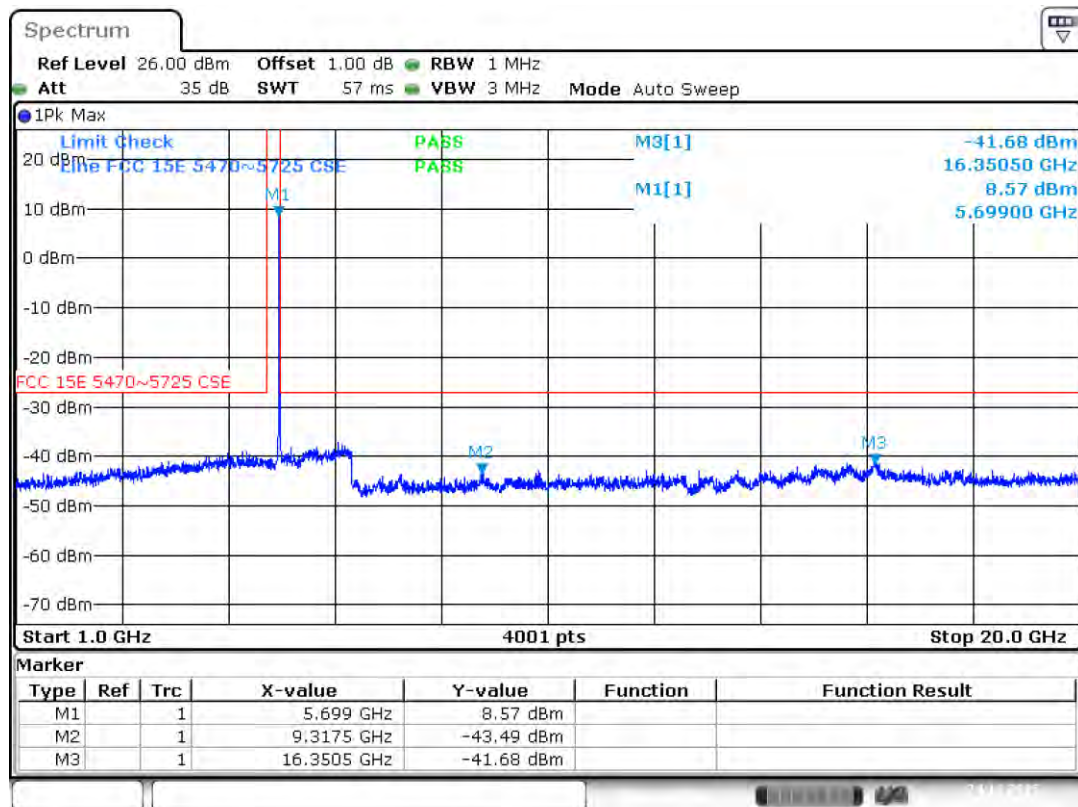
Date: 24.NOV.2015 18:01:09

Band III 11a CH116 (1 ~ 20 GHz)



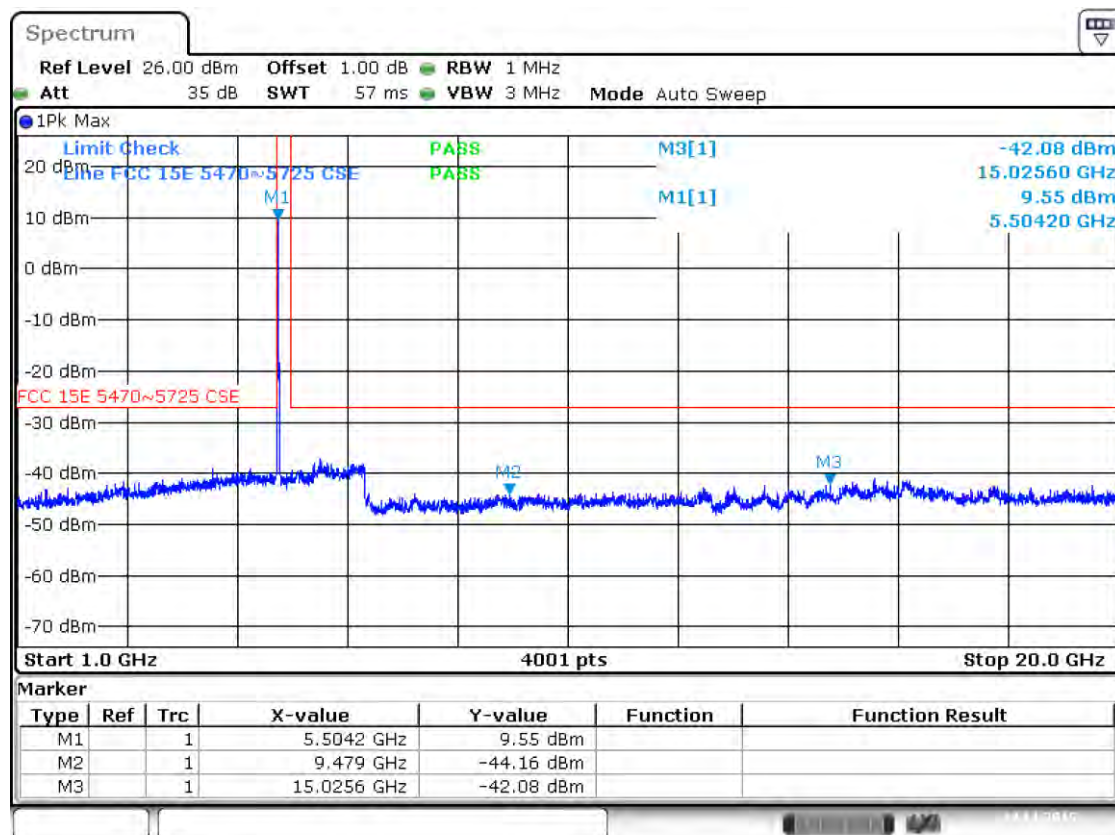
Date: 24.NOV.2015 18:02:37

Band III 11a CH140 (1 ~ 20 GHz)



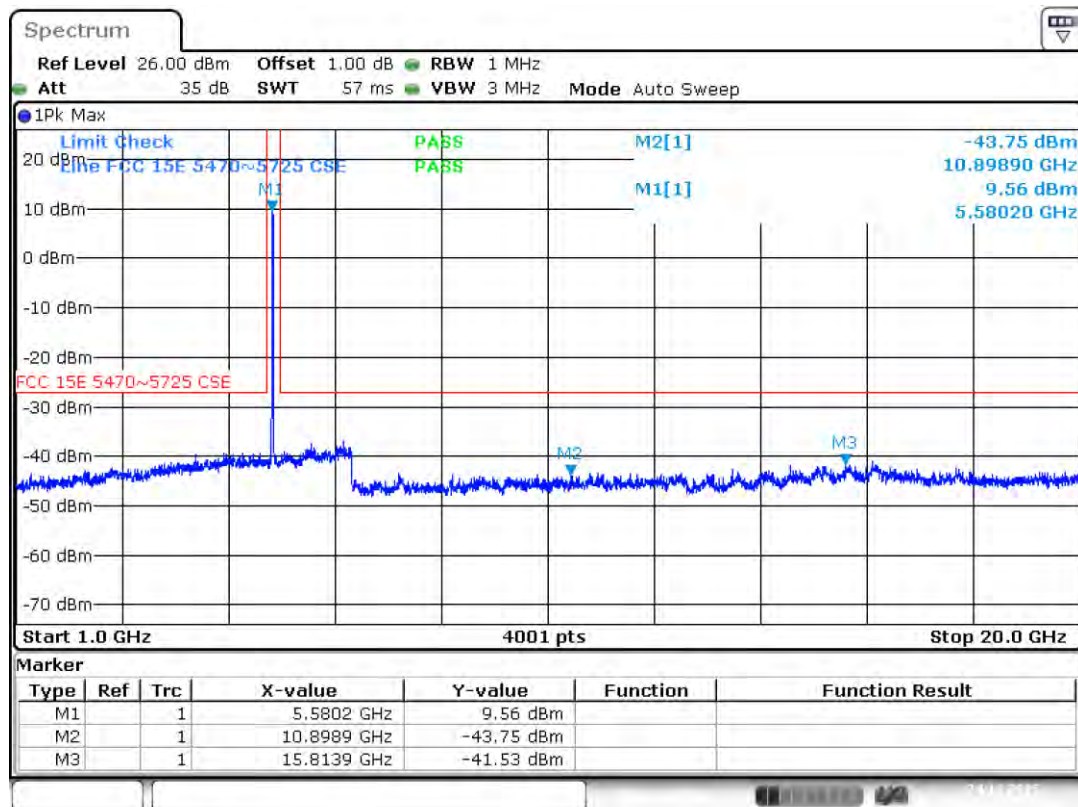
Date: 24.NOV.2015 18:04:43

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



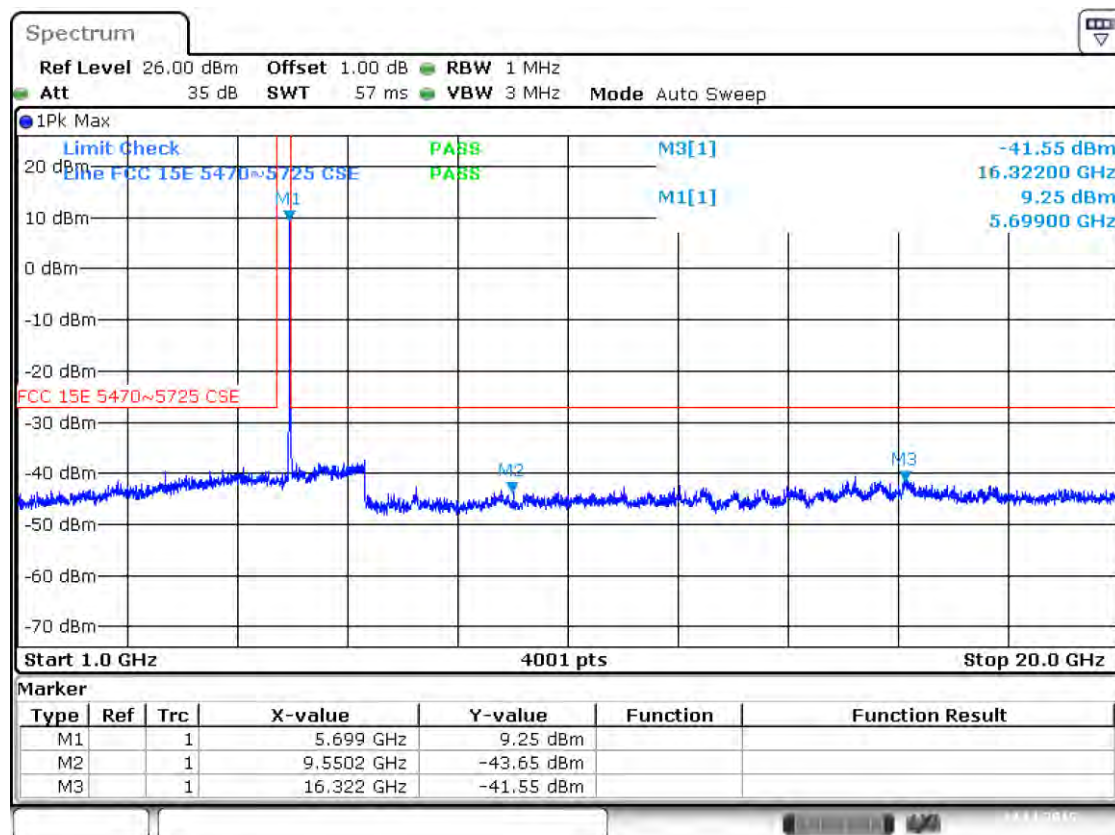
Date: 24.NOV.2015 18:27:56

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



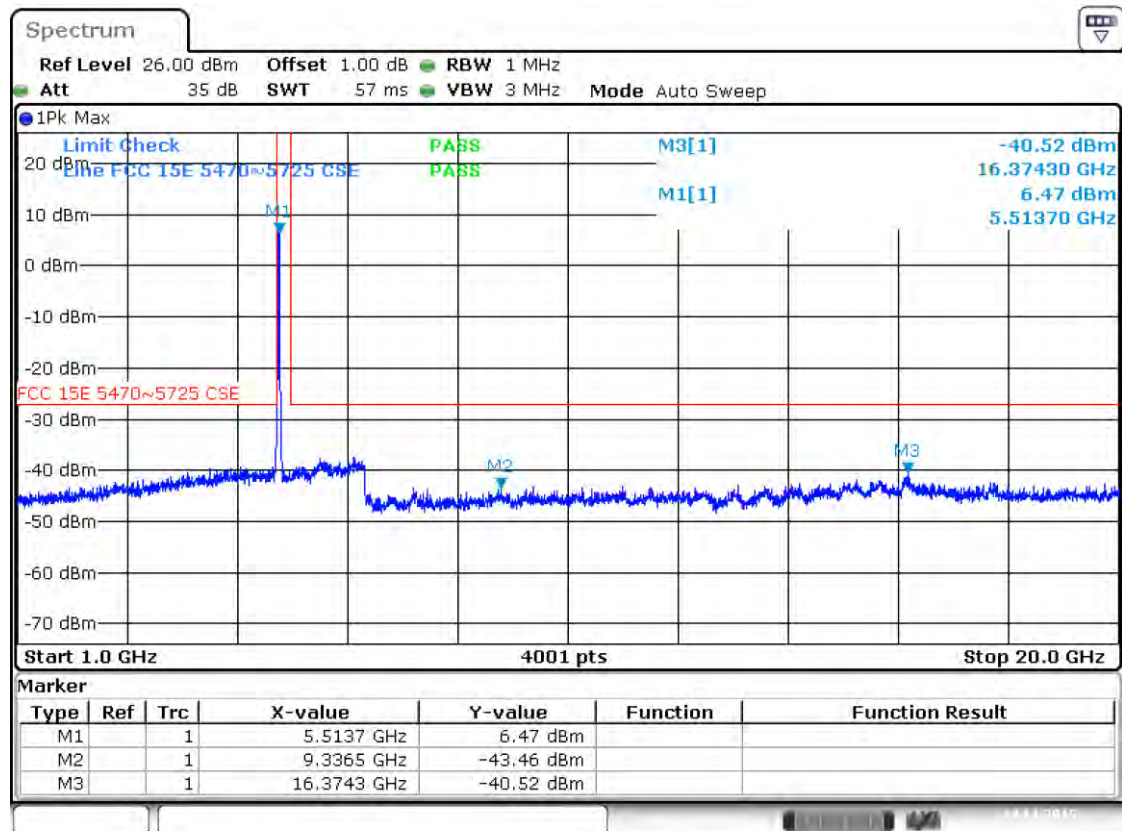
Date: 24.NOV.2015 18:29:28

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



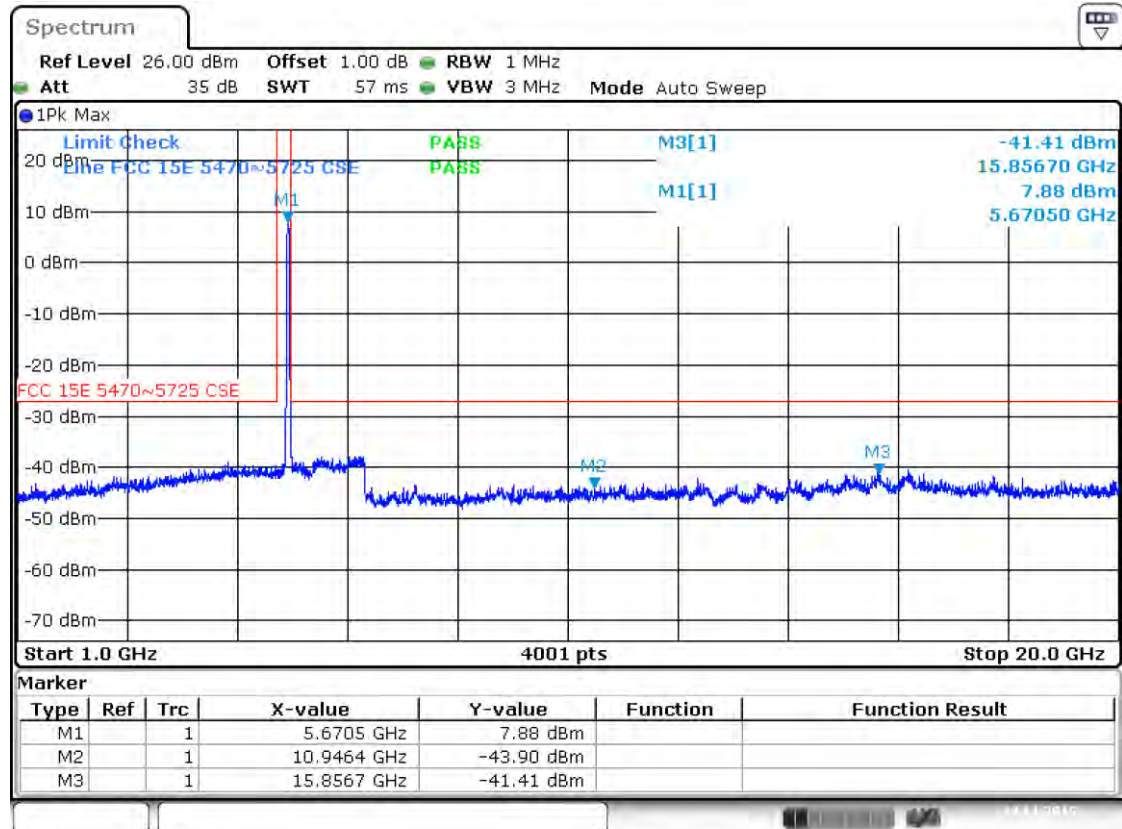
Date: 24.NOV.2015 18:30:56

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



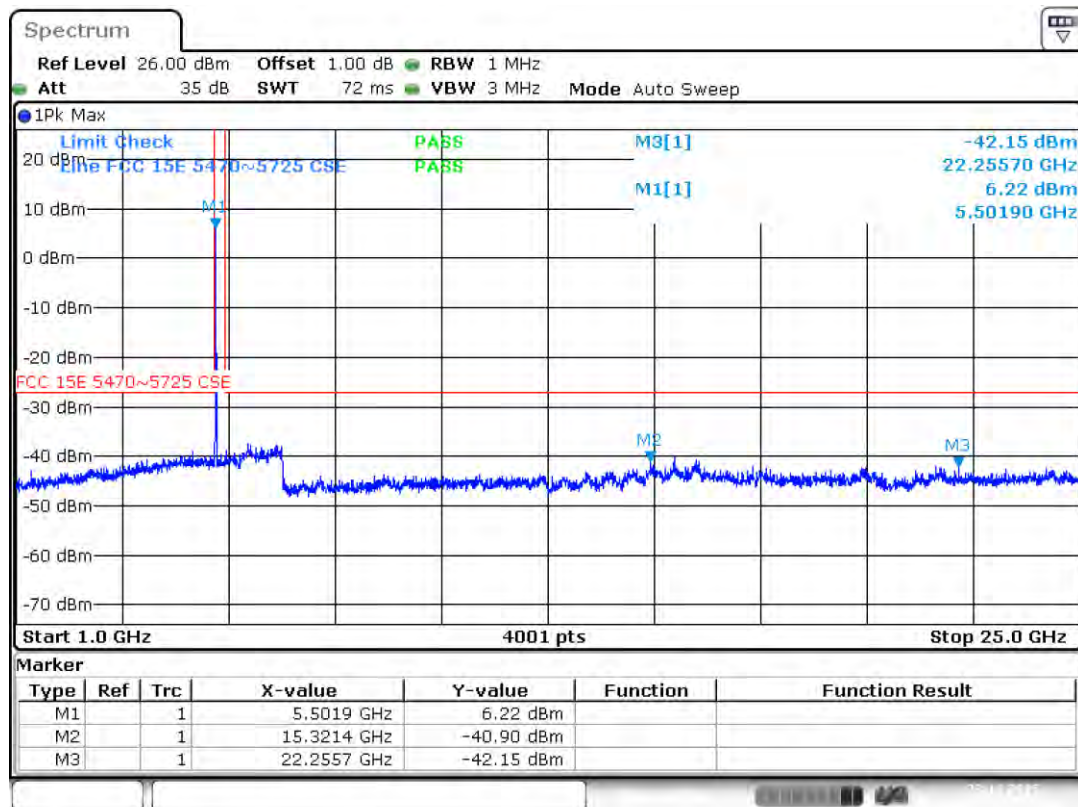
Date: 24.NOV.2015 19:04:54

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



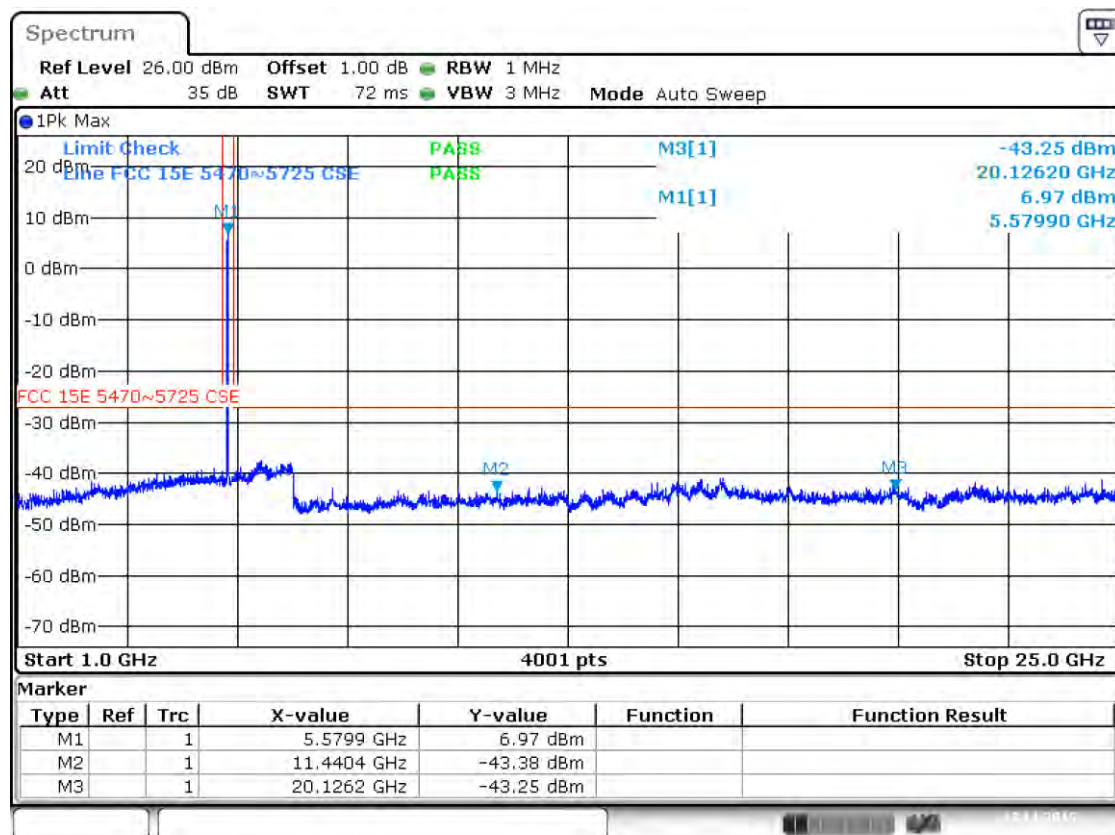
Date: 24.NOV.2015 19:06:33

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



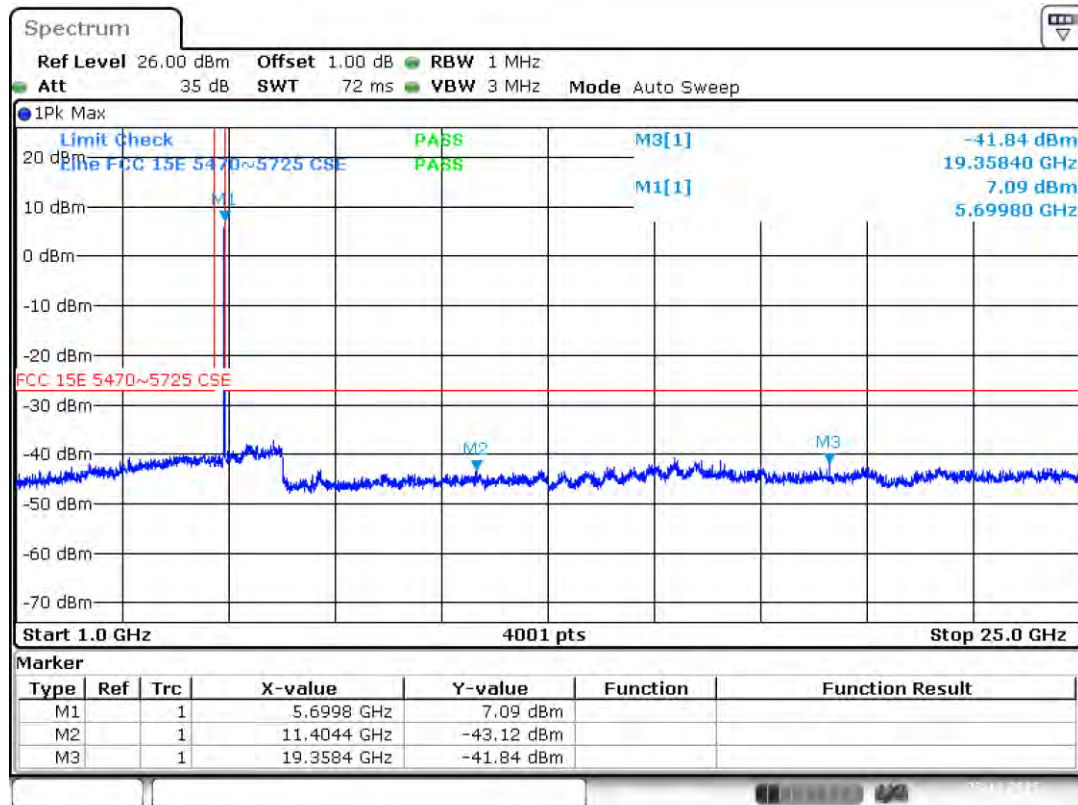
Date: 23.NOV.2015 15:15:11

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



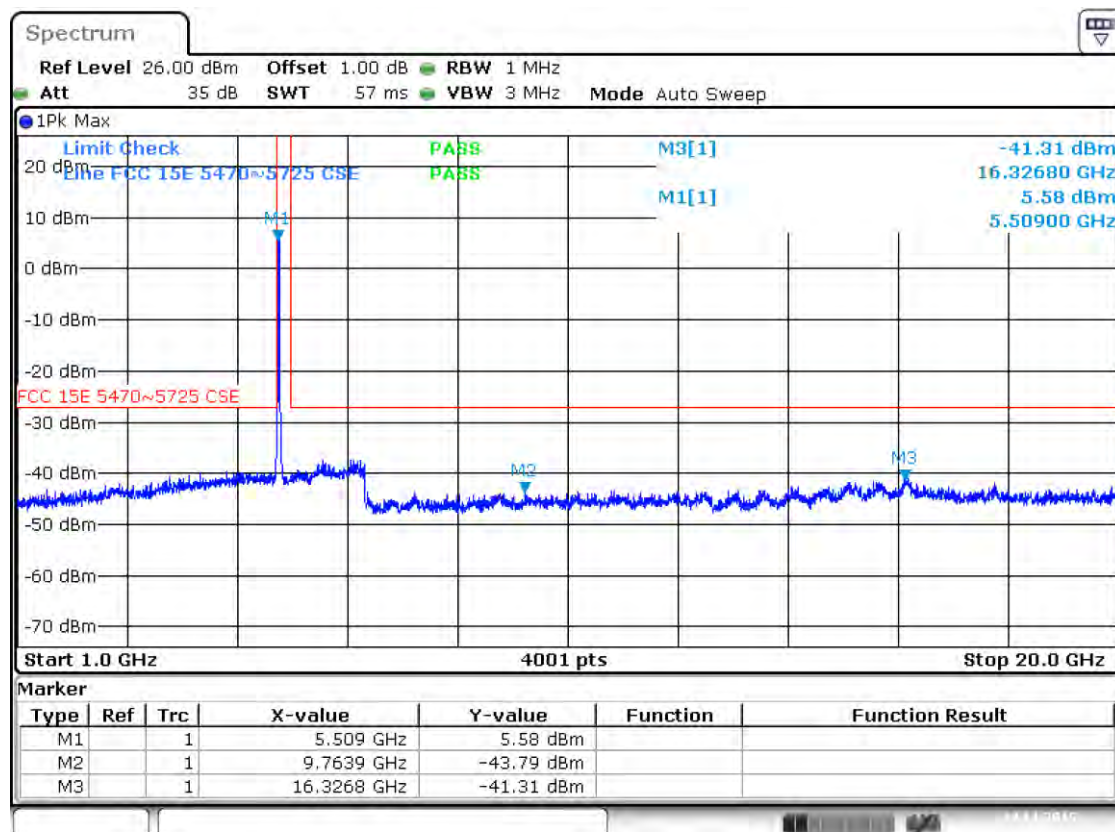
Date: 23.NOV.2015 15:16:56

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



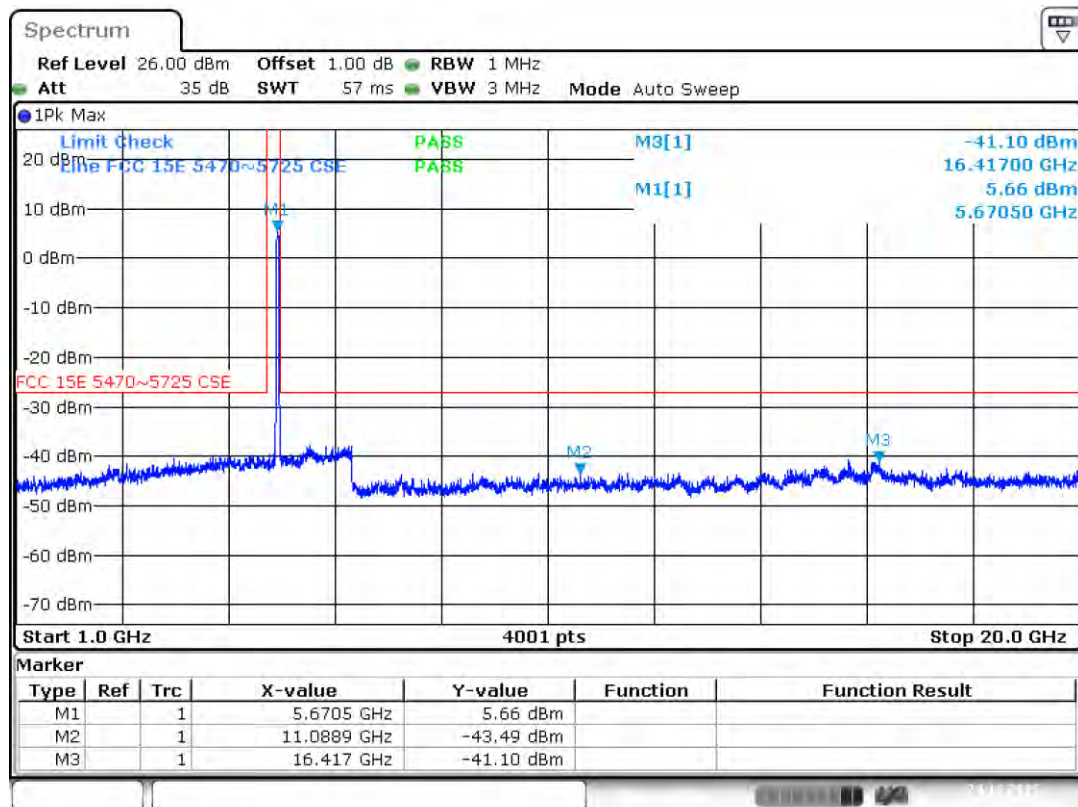
Date: 23.NOV.2015 15:19:25

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



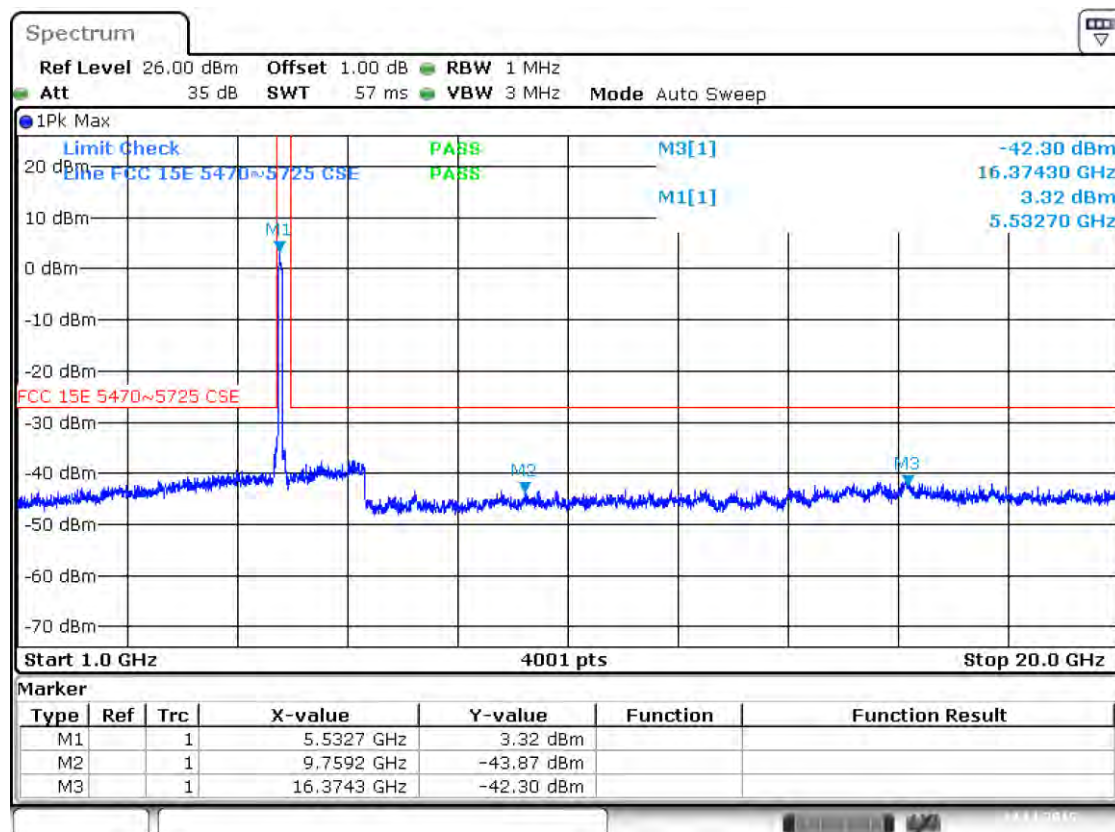
Date: 24.NOV.2015 18:52:27

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



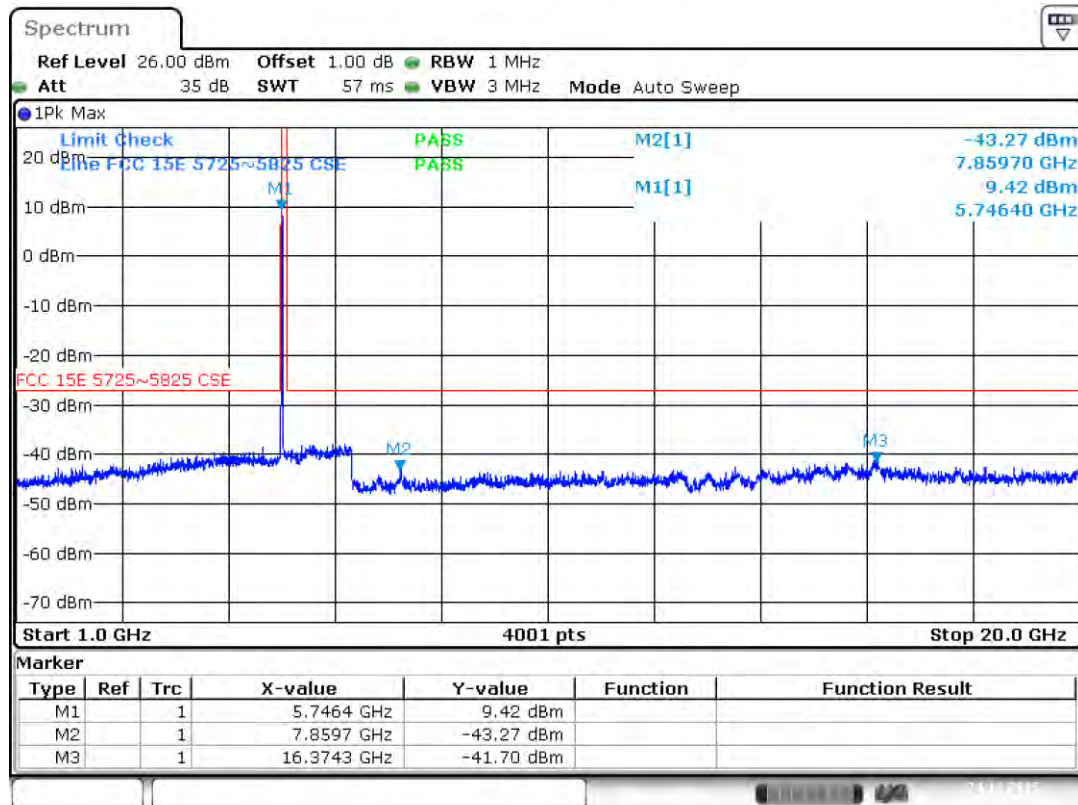
Date: 24.NOV.2015 18:53:52

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



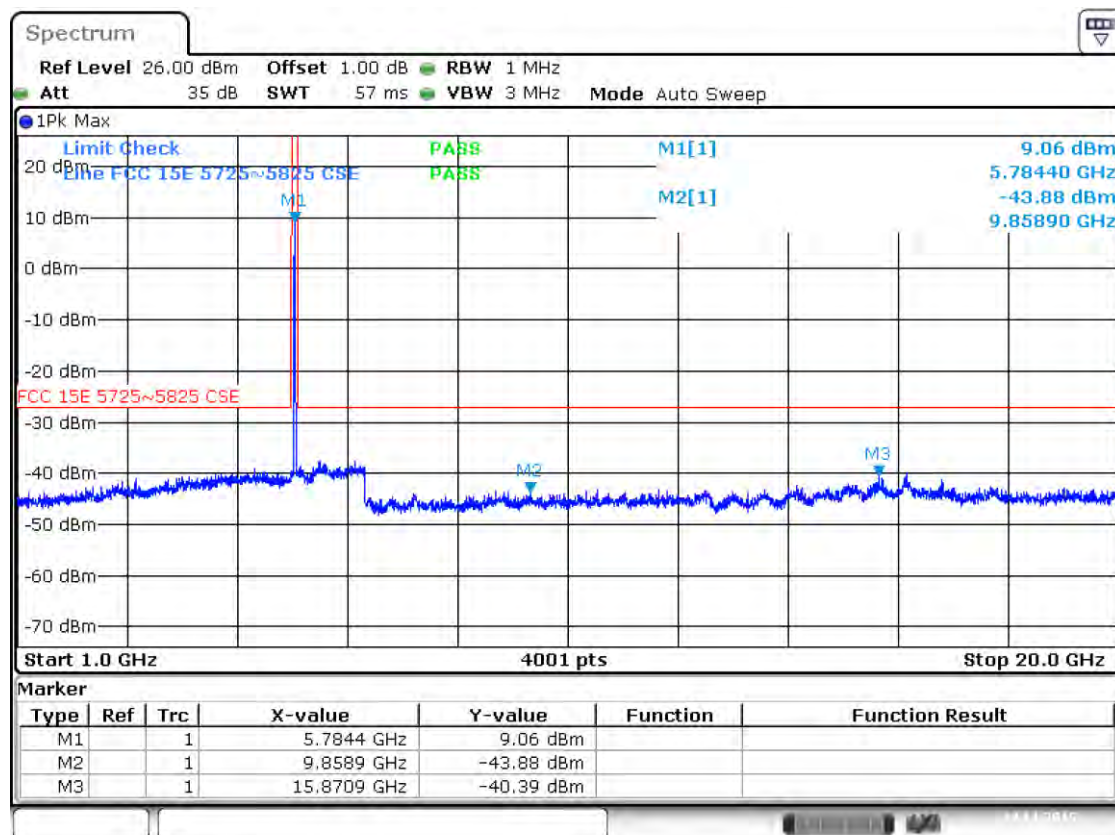
Date: 24.NOV.2015 19:15:47

Band IV 11a CH149 (1 ~ 20 GHz)



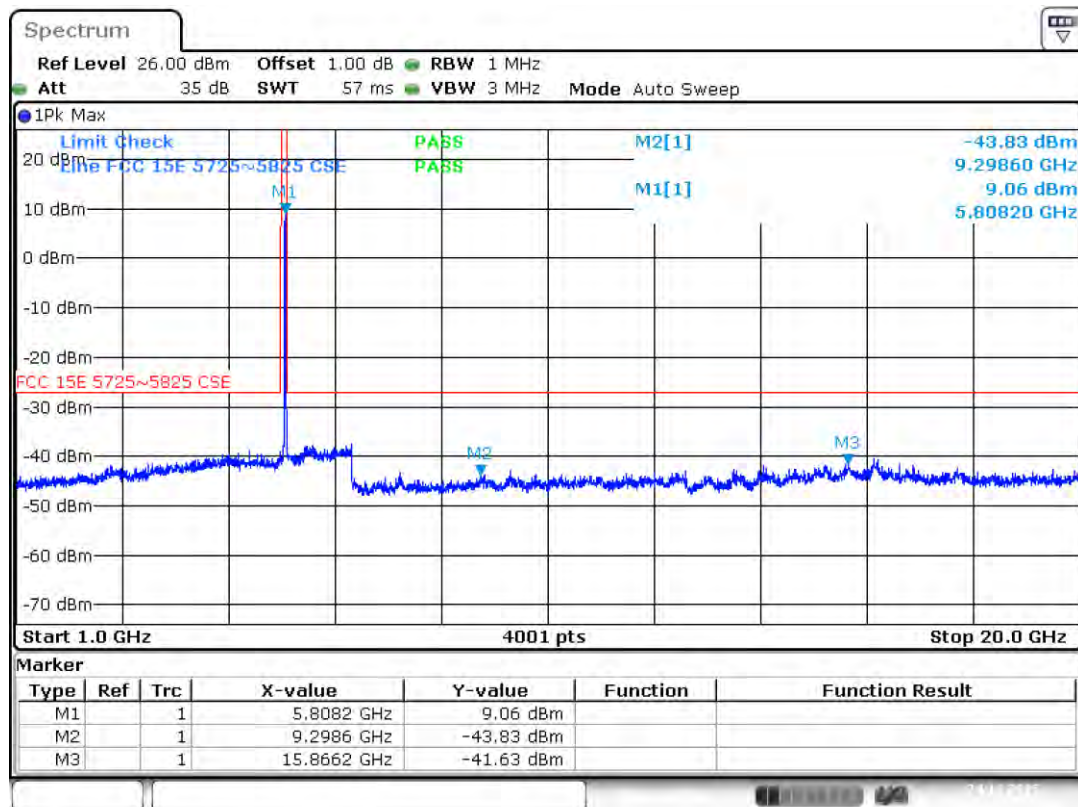
Date: 24.NOV.2015 18:07:06

Band IV 11a CH157 (1 ~ 20 GHz)



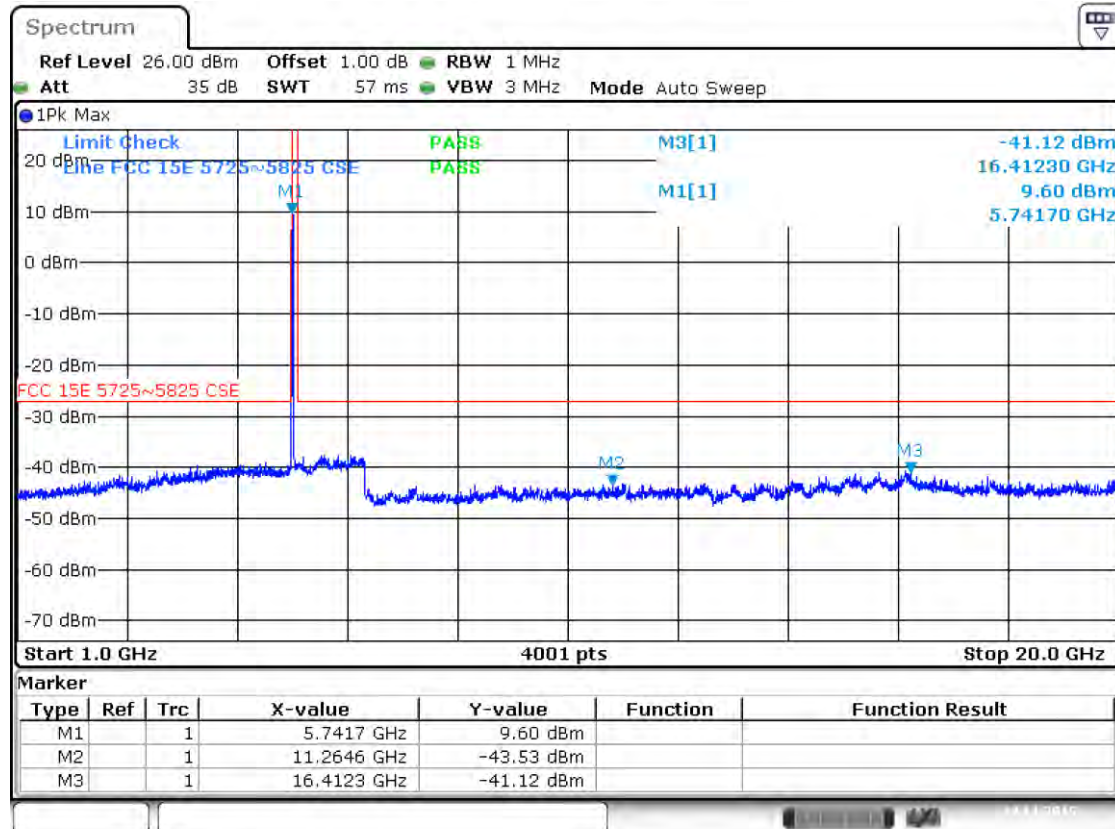
Date: 24.NOV.2015 18:08:53

Band IV 11a CH161 (1 ~ 20 GHz)



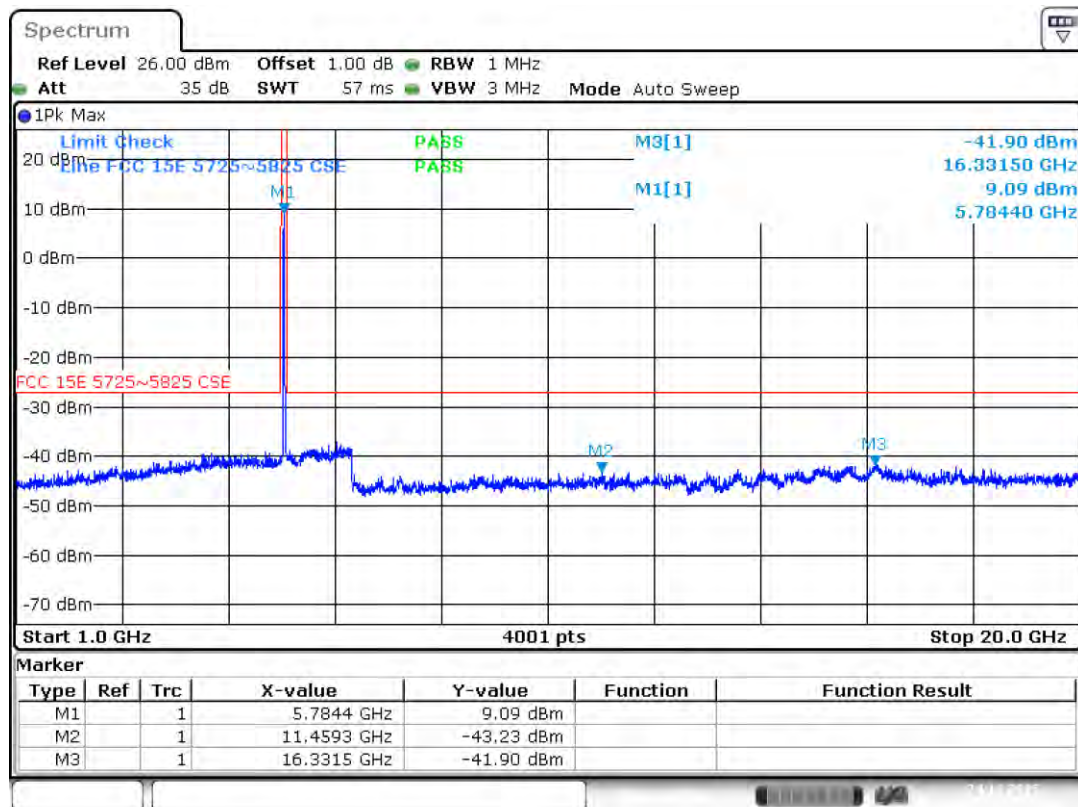
Date: 24.NOV.2015 18:10:32

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



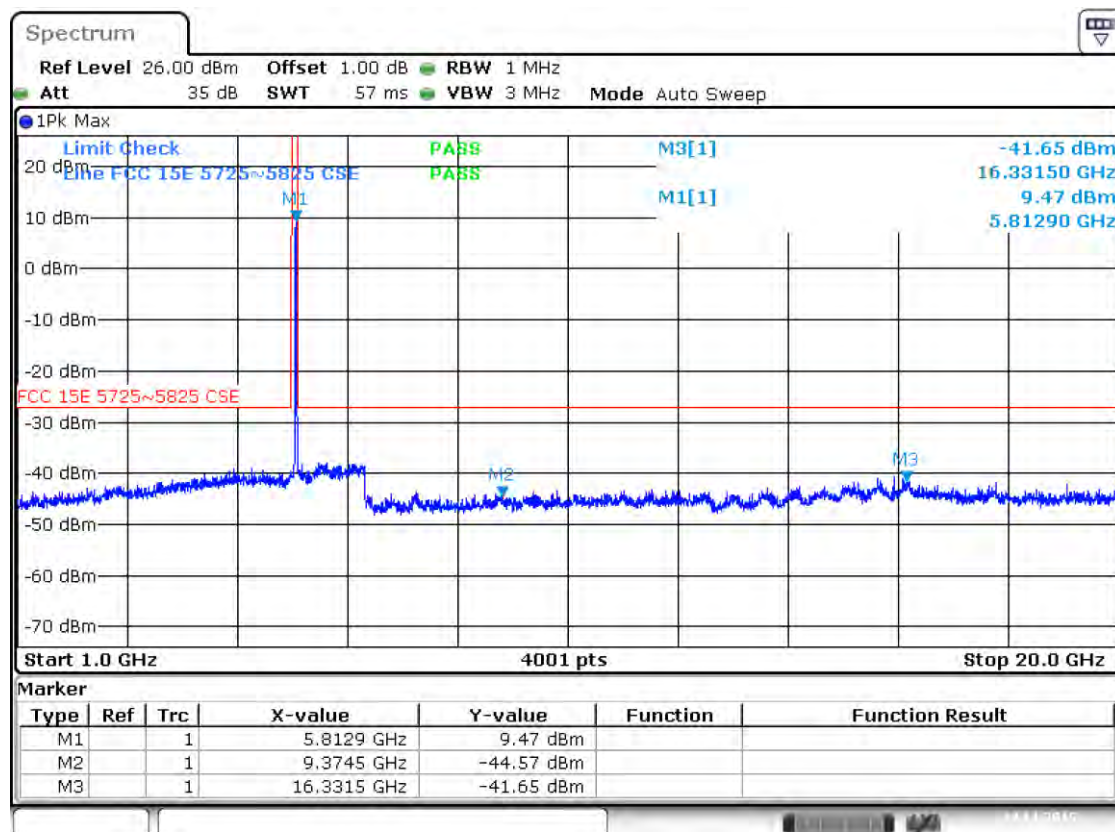
Date: 24.NOV.2015 18:32:53

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



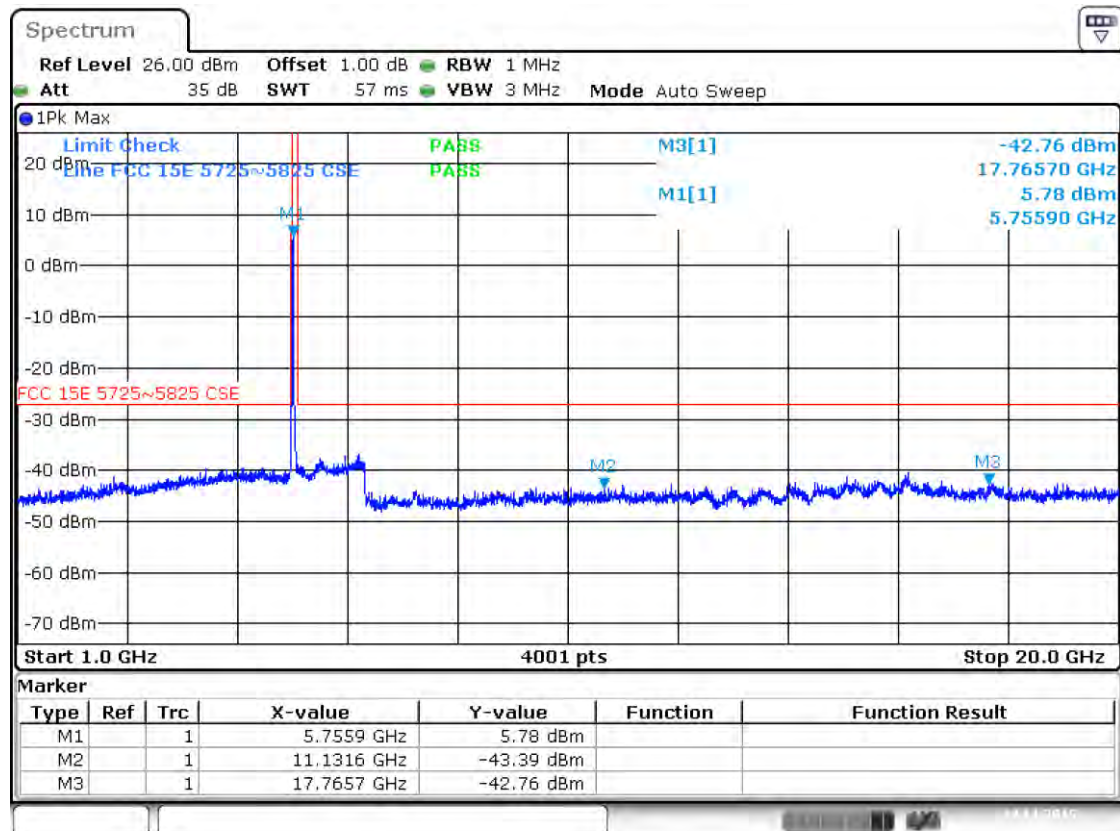
Date: 24.NOV.2015 18:34:36

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



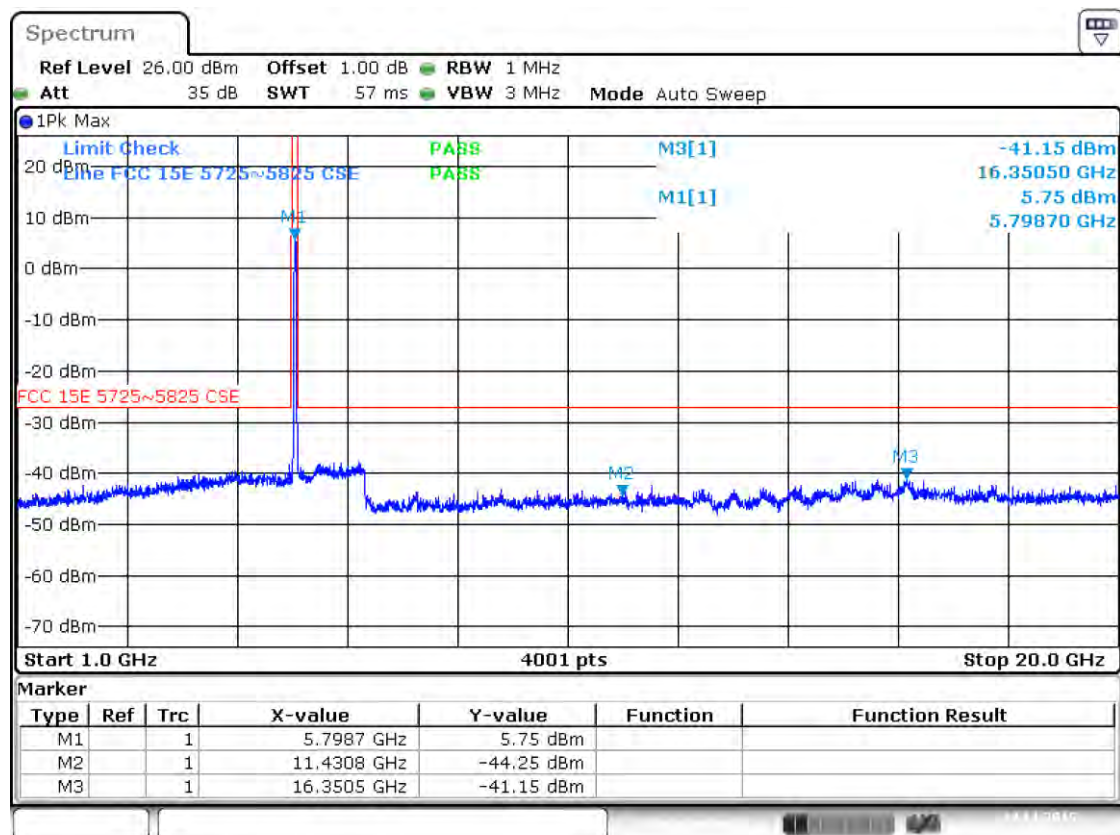
Date: 24.NOV.2015 18:36:01

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



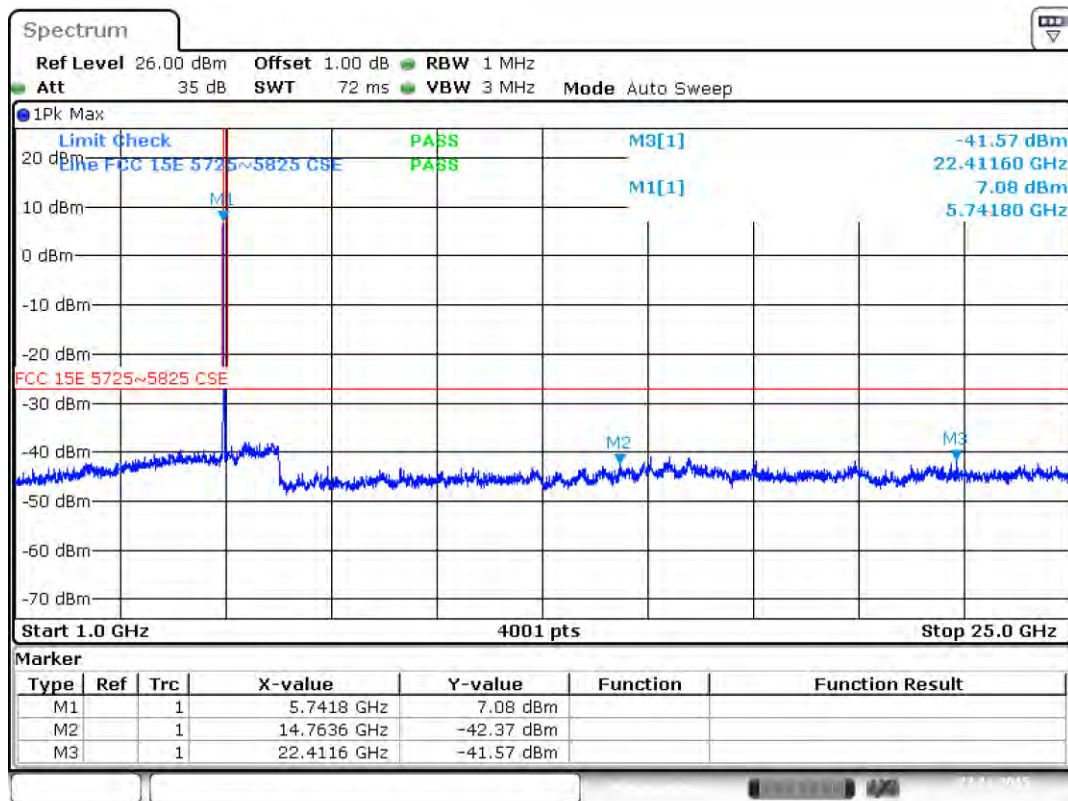
Date: 24.NOV.2015 19:08:11

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



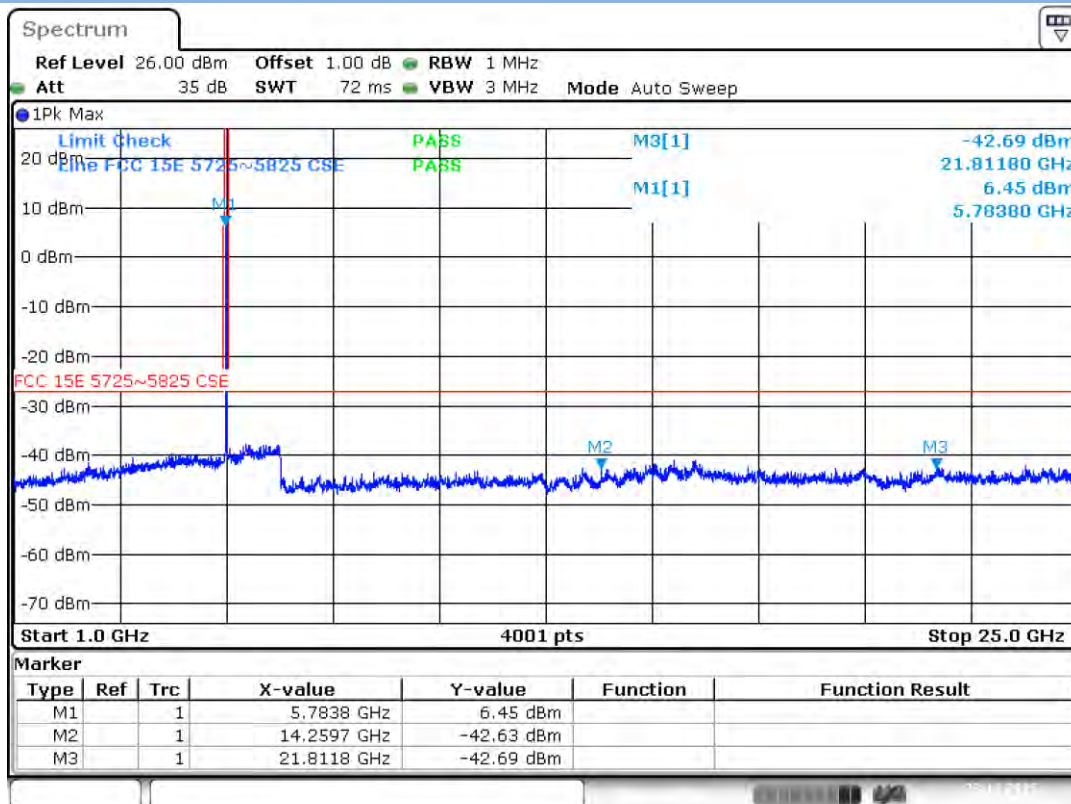
Date: 24.NOV.2015 19:09:43

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



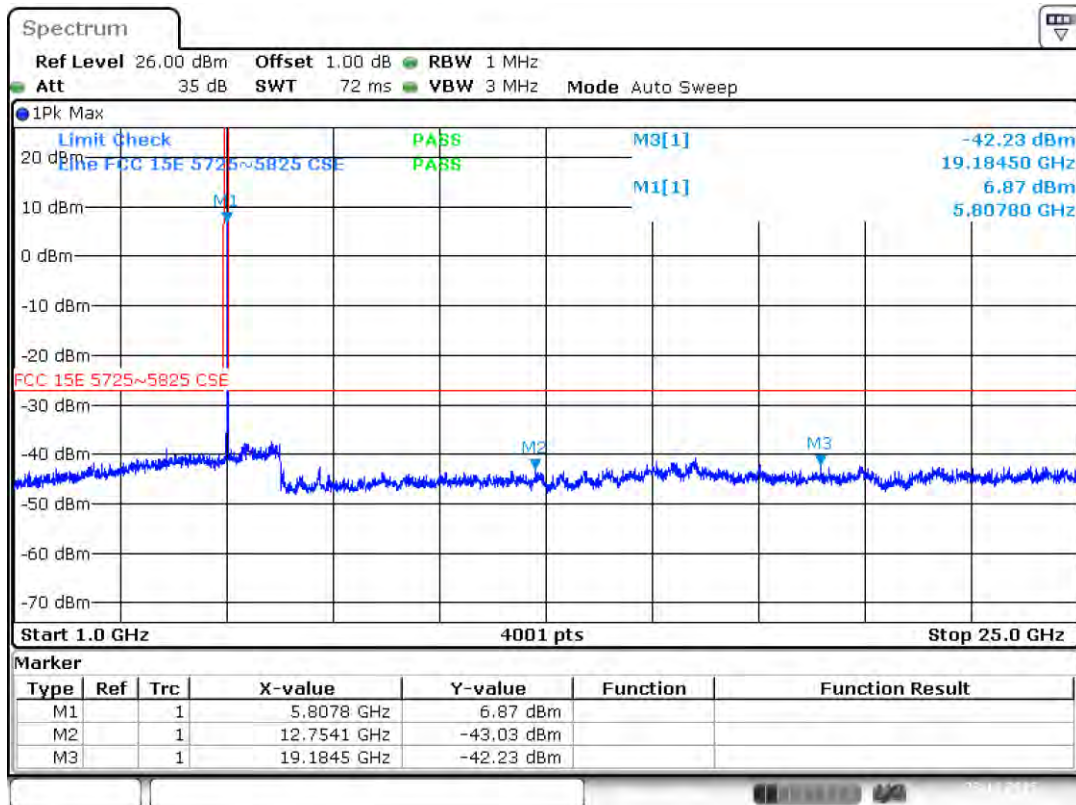
Date: 23.NOV.2015 15:23:14

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



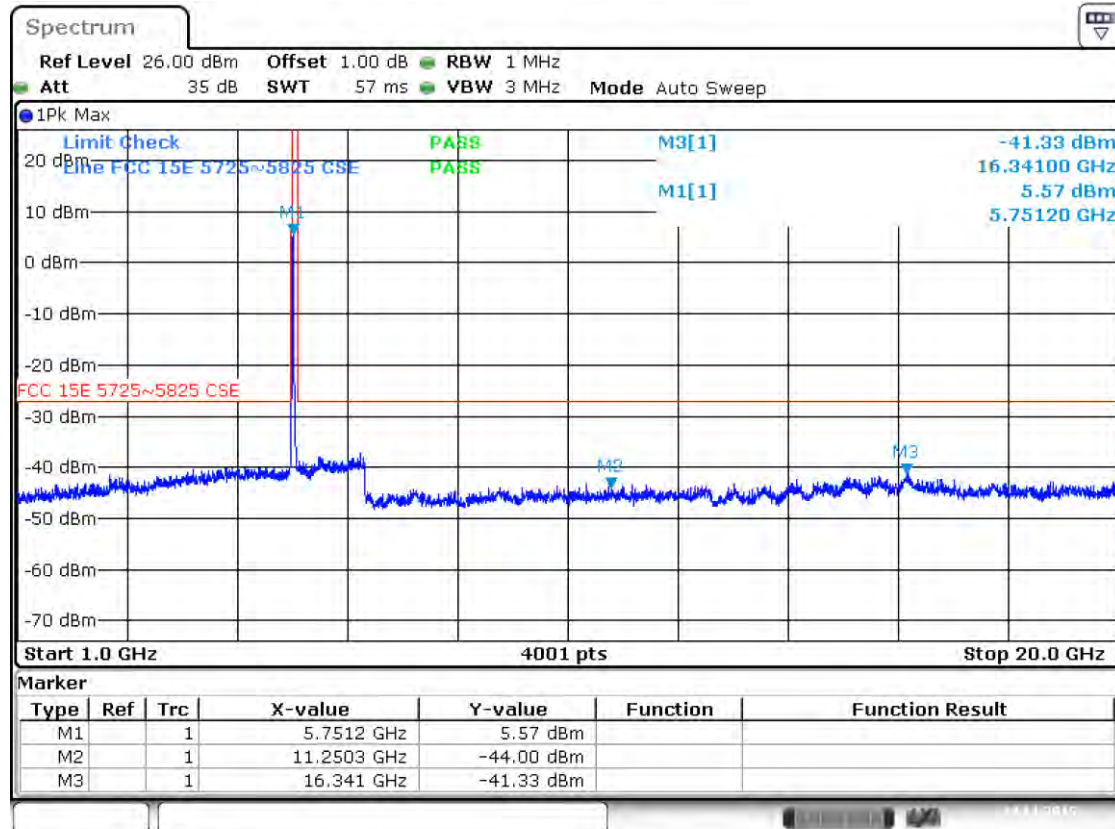
Date: 23.NOV.2015 15:24:59

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



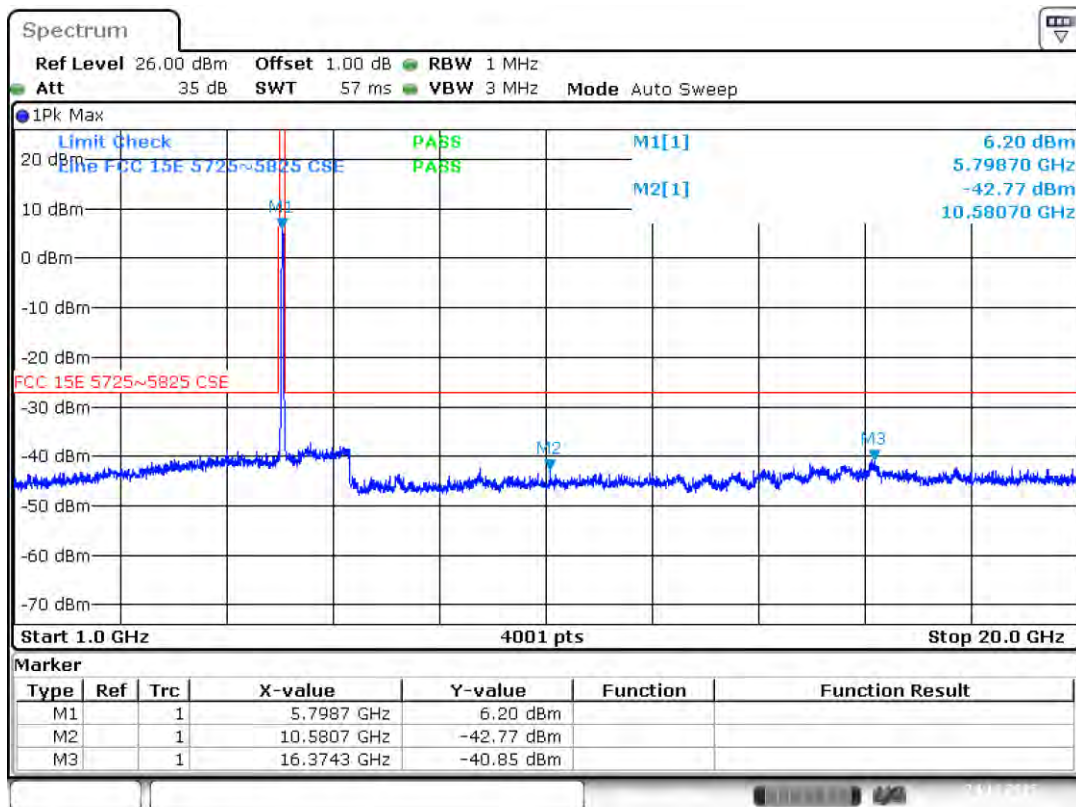
Date: 23.NOV.2015 15:26:24

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



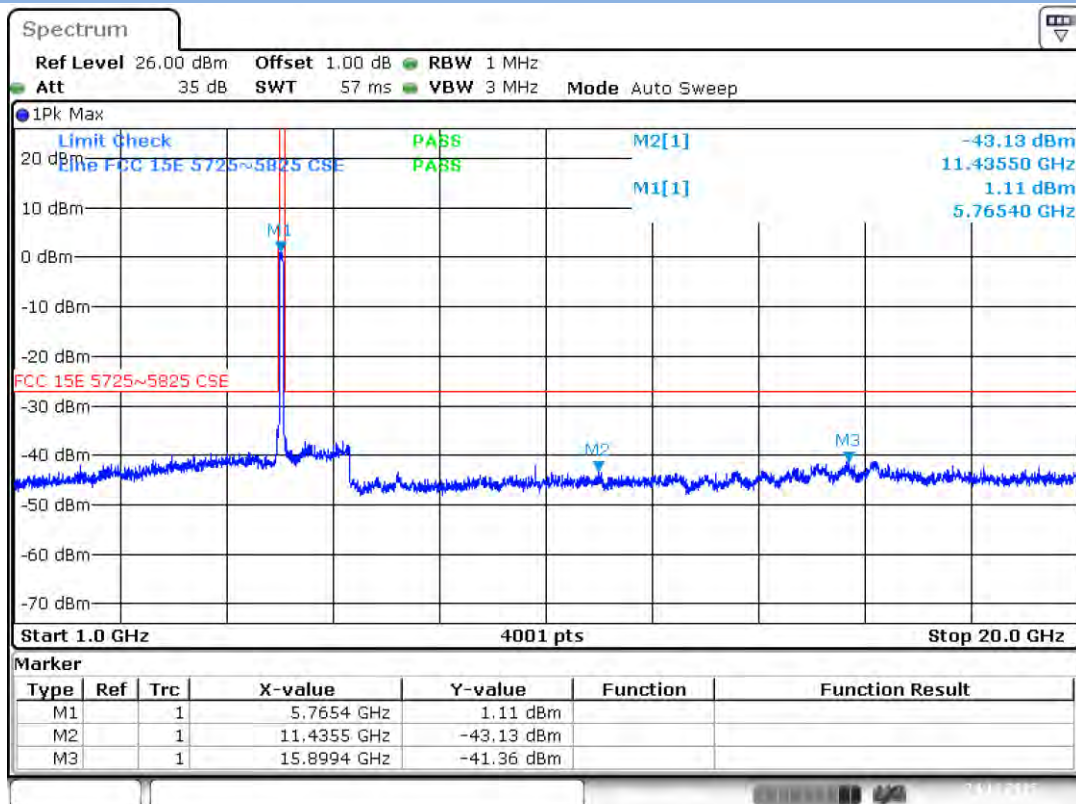
Date: 24.NOV.2015 18:55:18

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



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

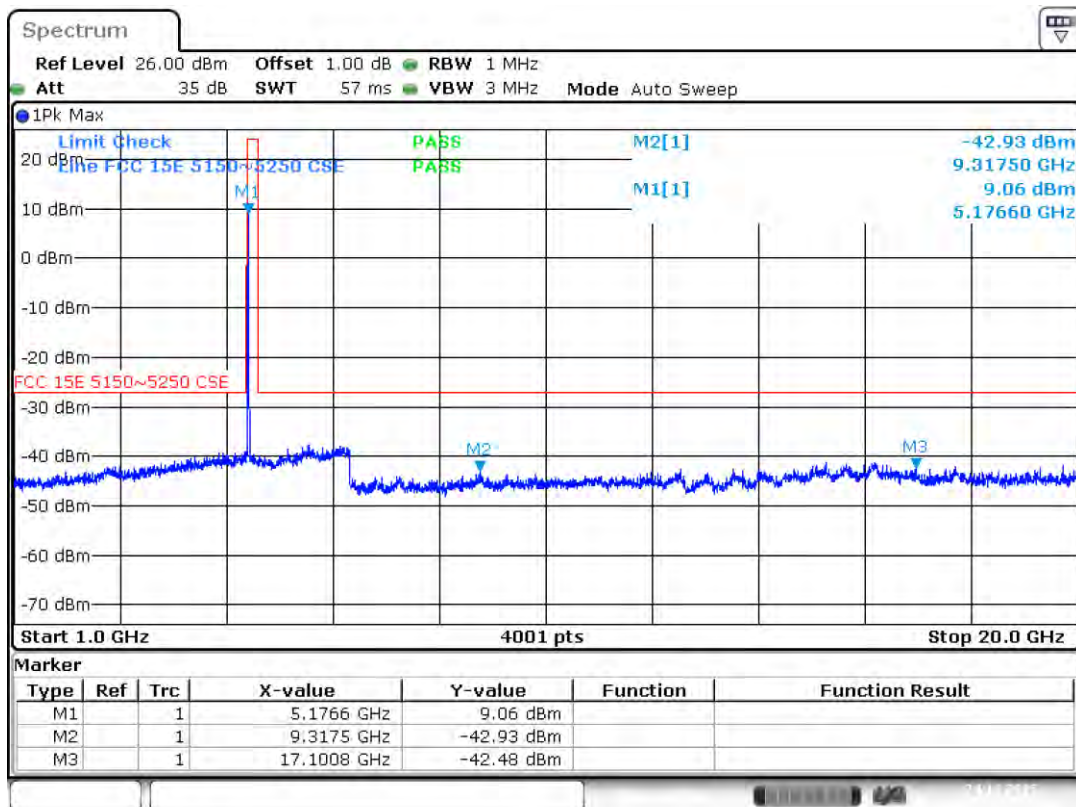
Band IV 11ac(HT80) CH155 (1 ~ 20 GHz)



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

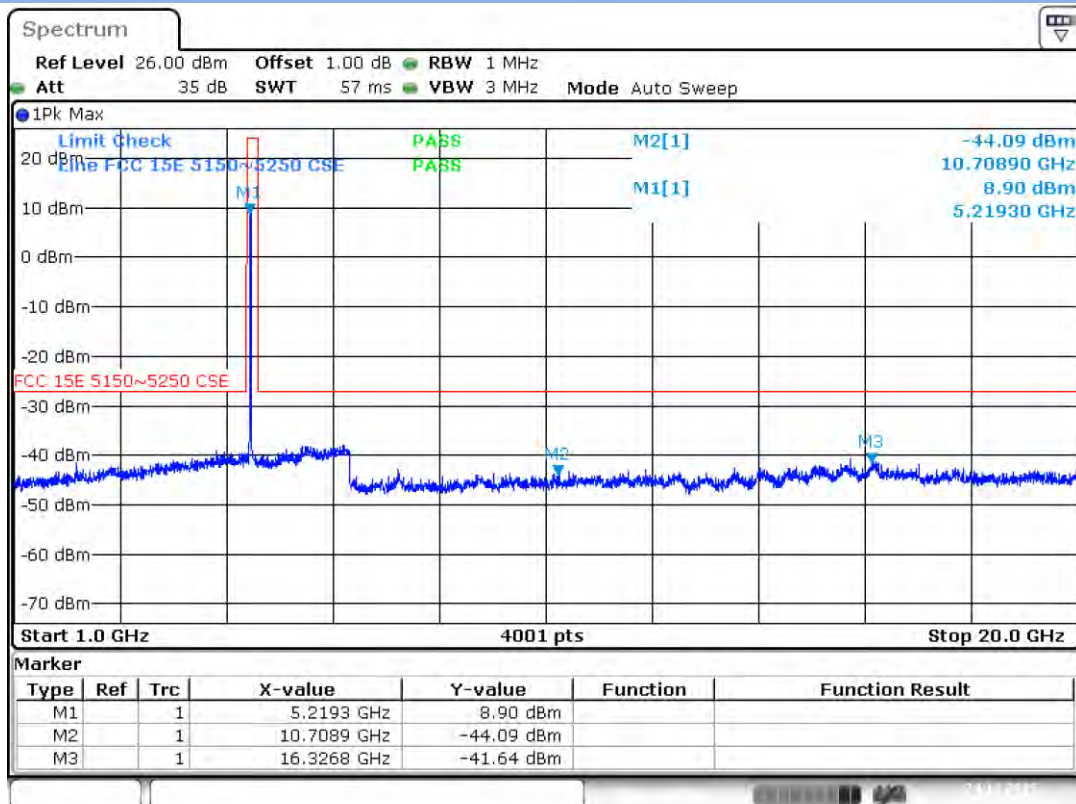
ANT 1

Band I 11a CH36 (1 ~ 20 GHz)



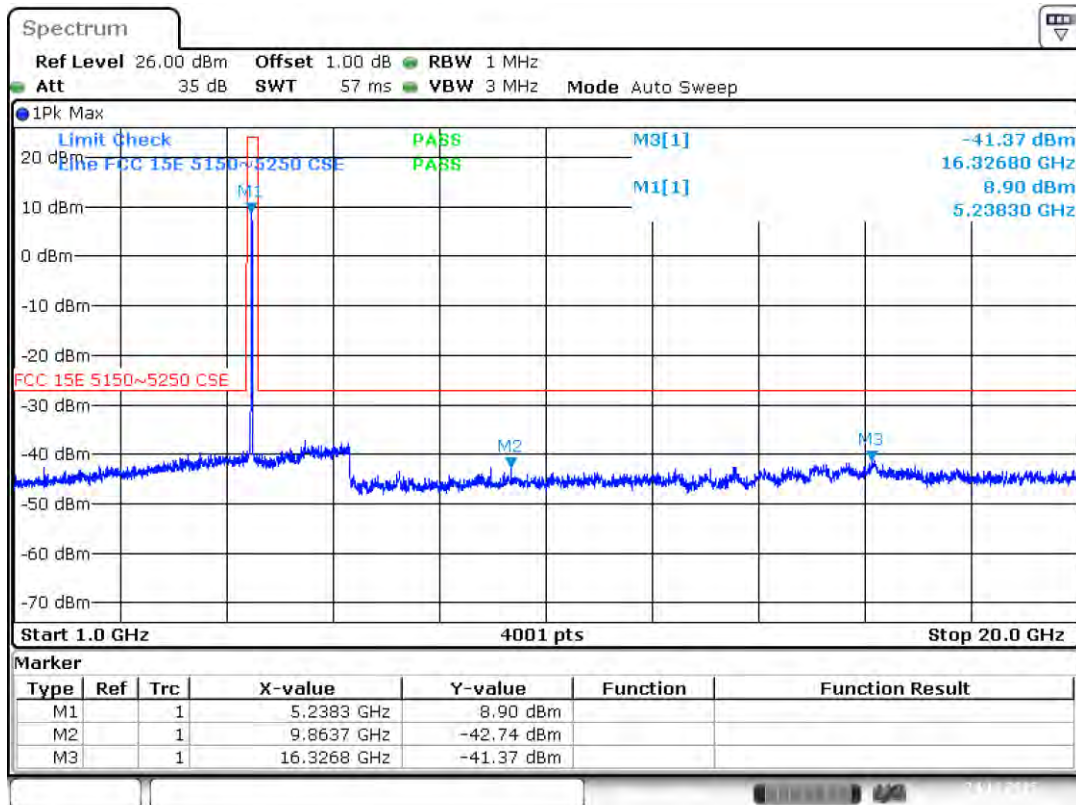
Date: 24.NOV.2015 17:51:17

Band I 11a CH44 (1 ~ 20 GHz)



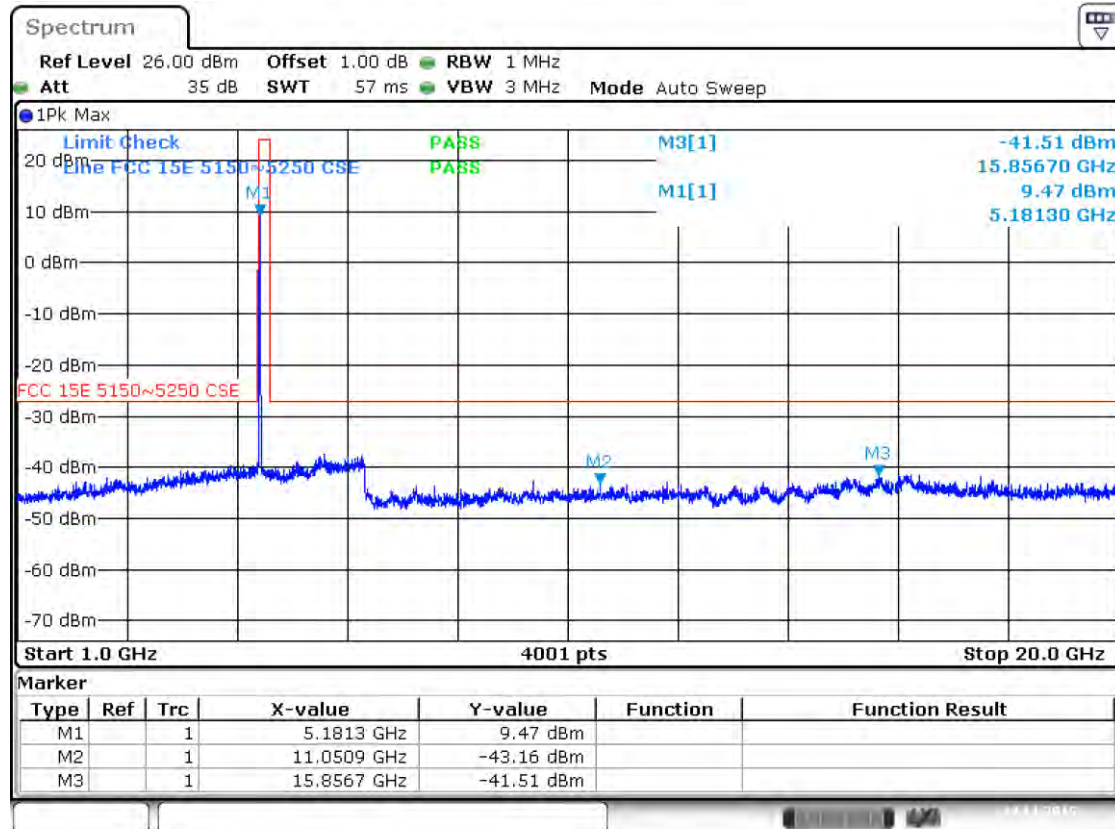
Date: 24.NOV.2015 17:53:07

Band I 11a CH48 (1 ~ 20 GHz)



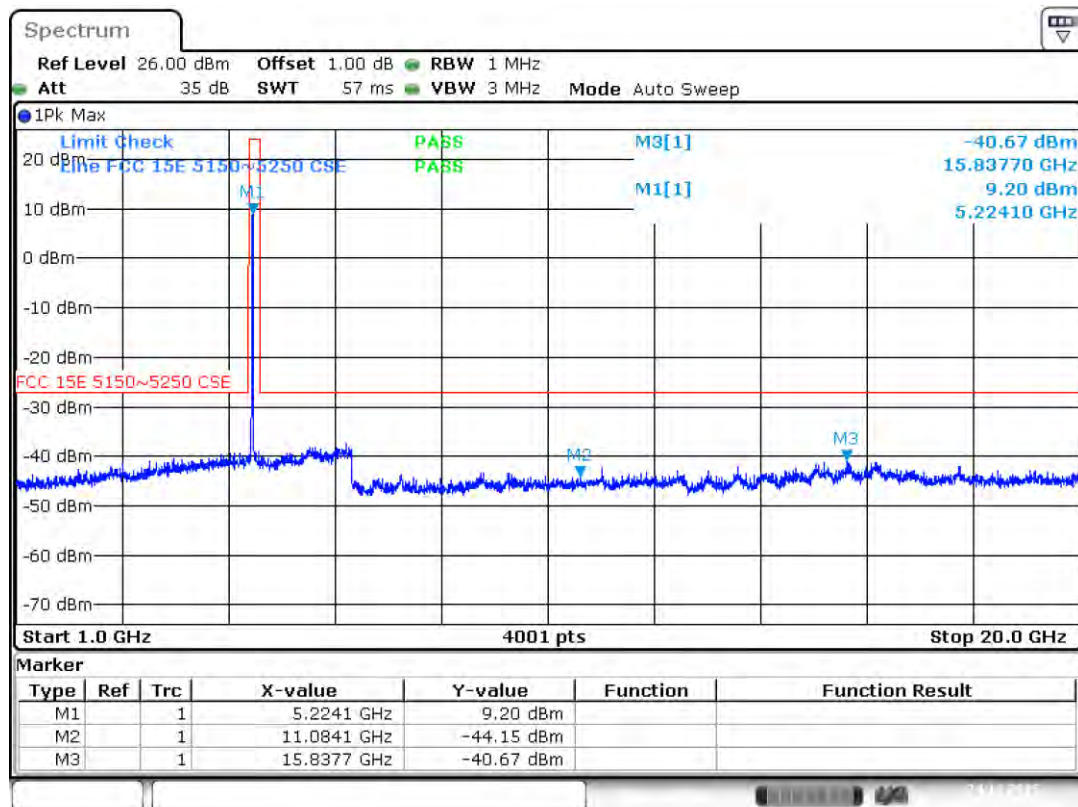
Date: 24.NOV.2015 17:55:08

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



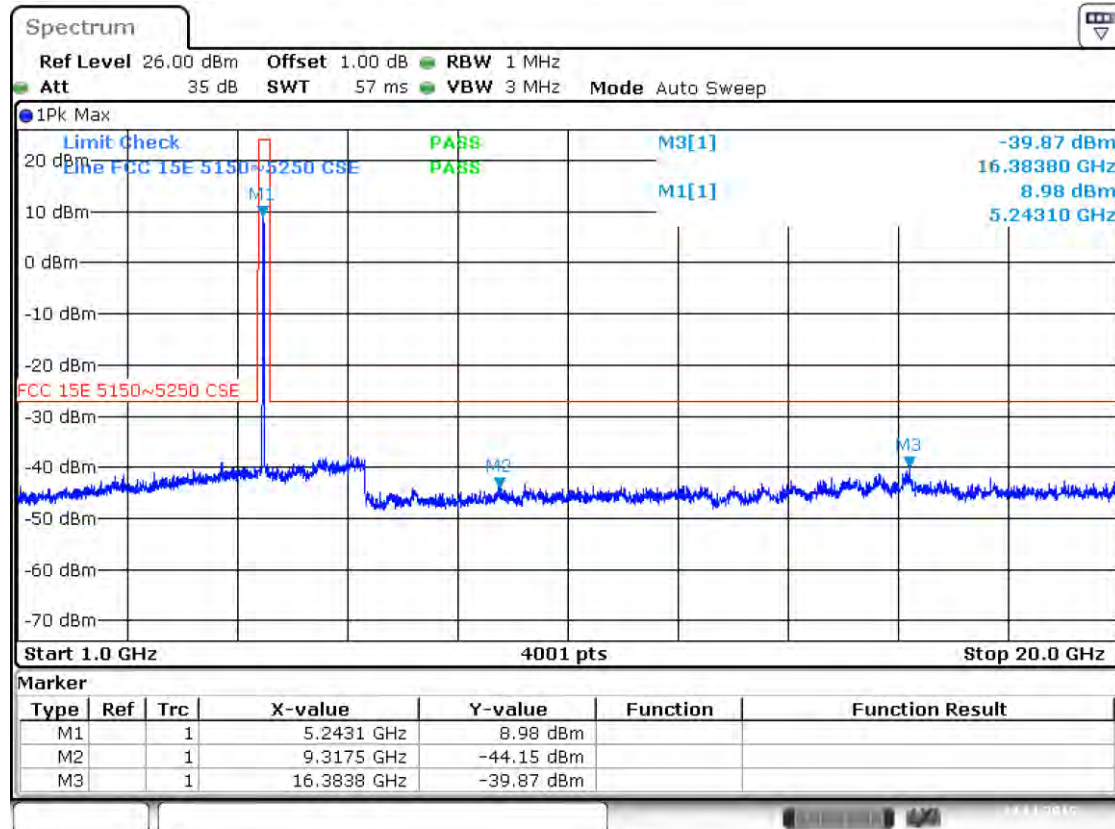
Date: 24.NOV.2015 18:18:30

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



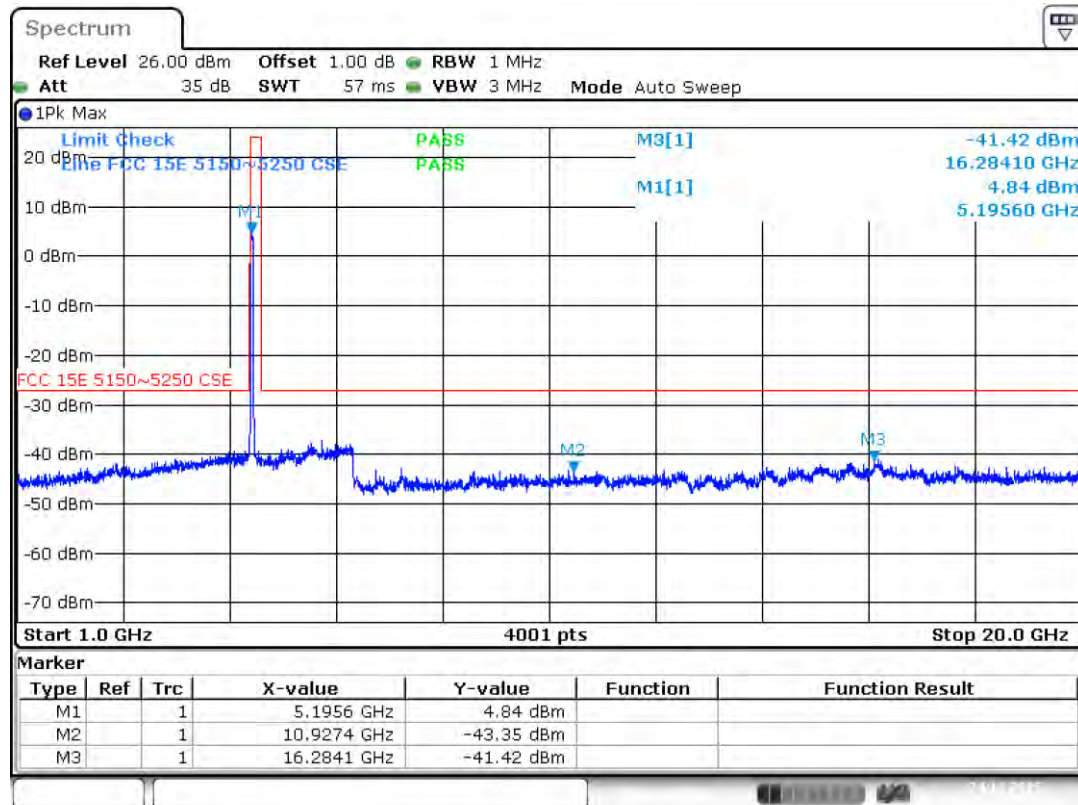
Date: 24.NOV.2015 18:20:34

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



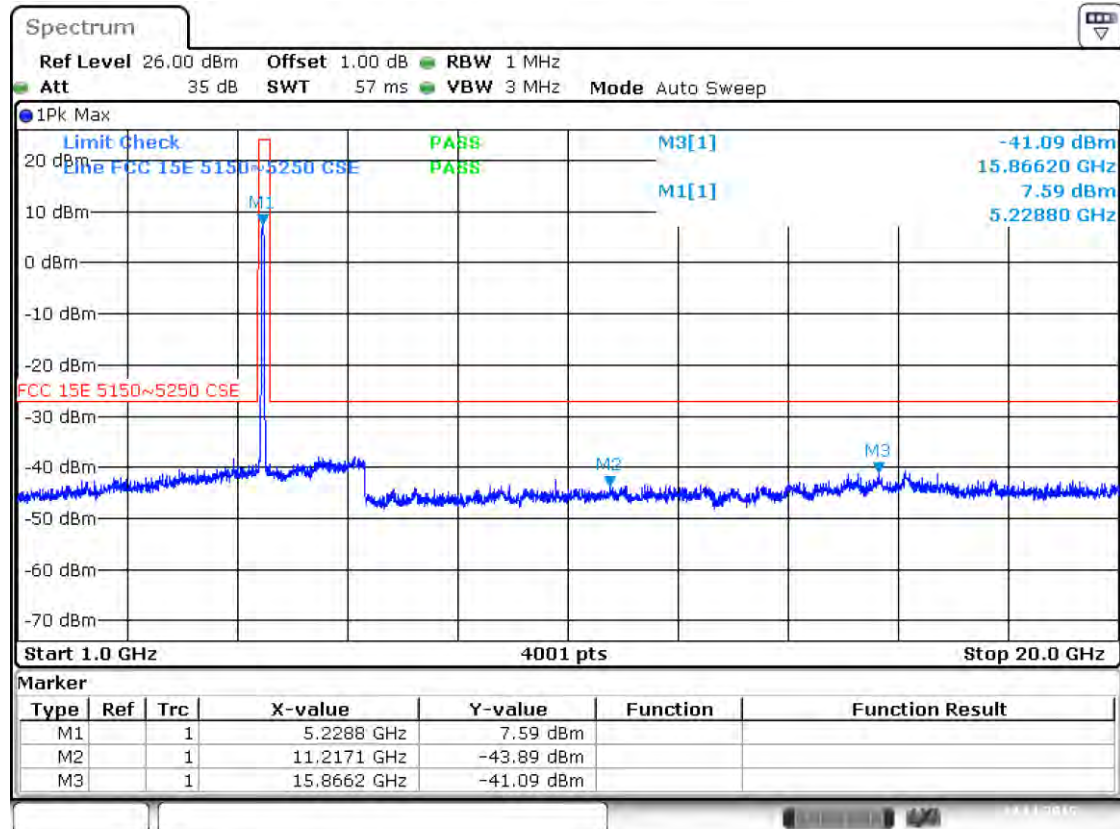
Date: 24.NOV.2015 18:22:02

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



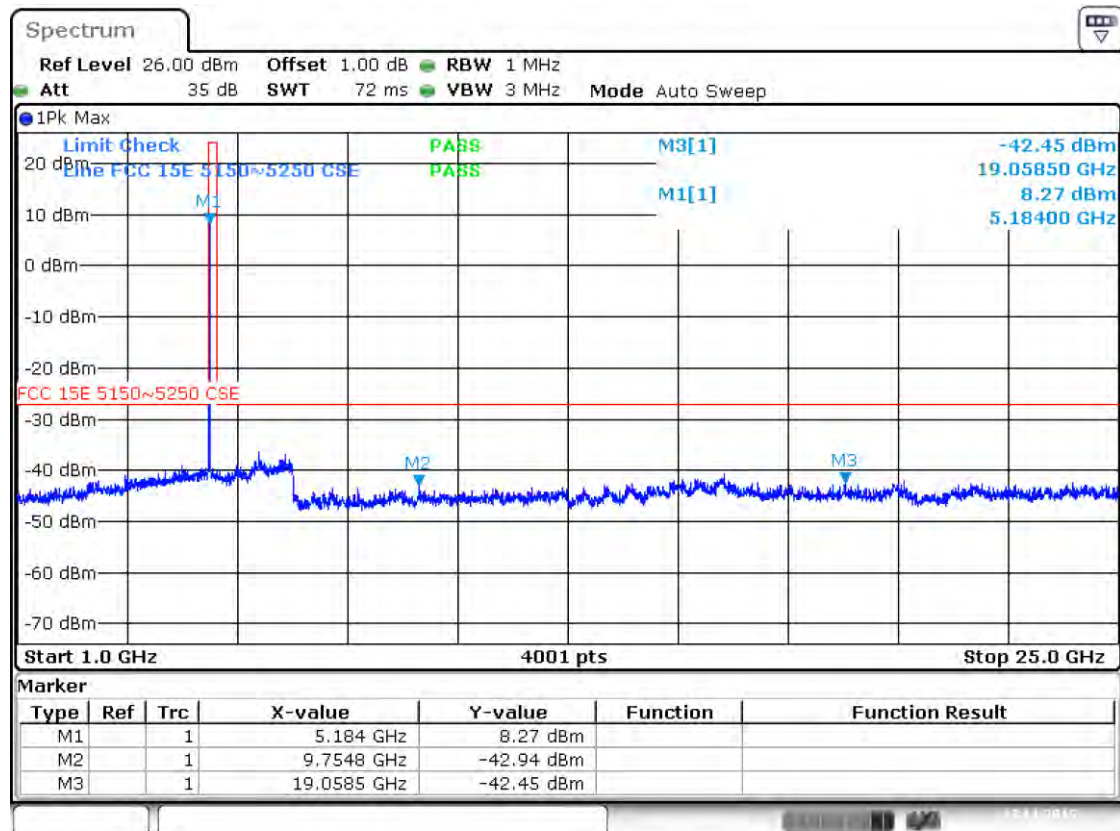
Date: 24.NOV.2015 18:59:23

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



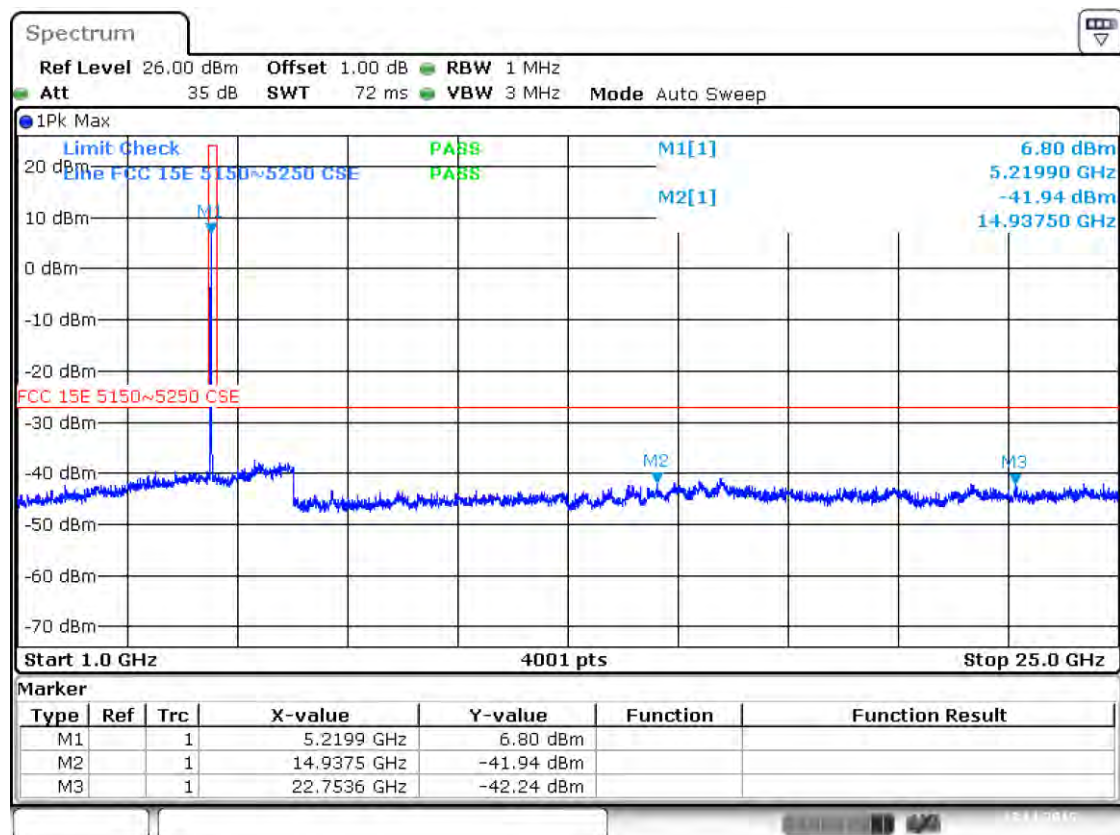
Date: 24.NOV.2015 19:00:48

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



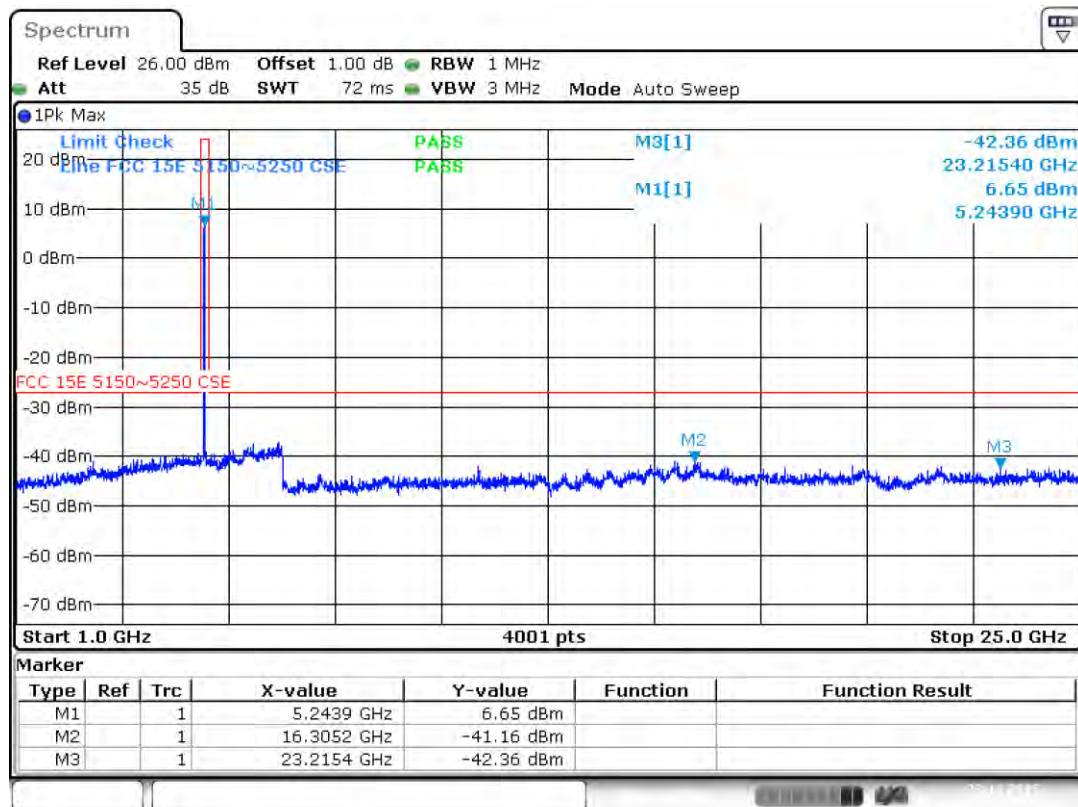
Date: 23.NOV.2015 15:00:30

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



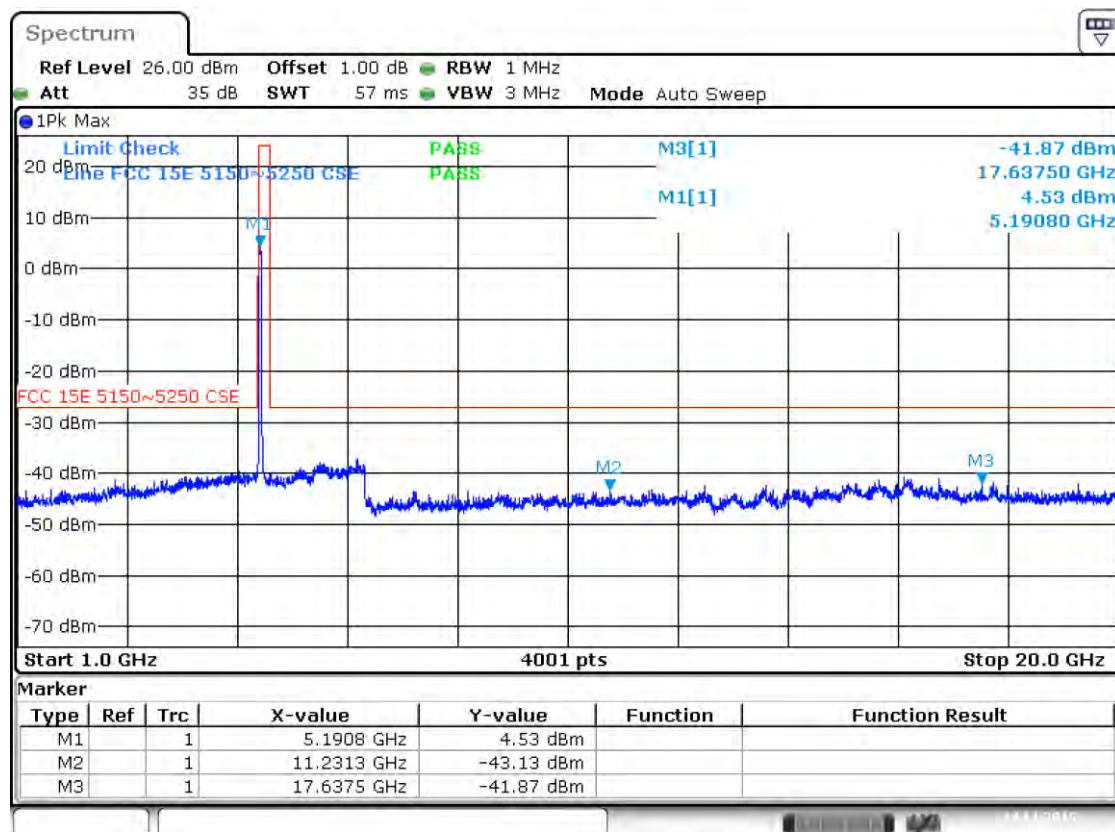
Date: 23.NOV.2015 15:02:42

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



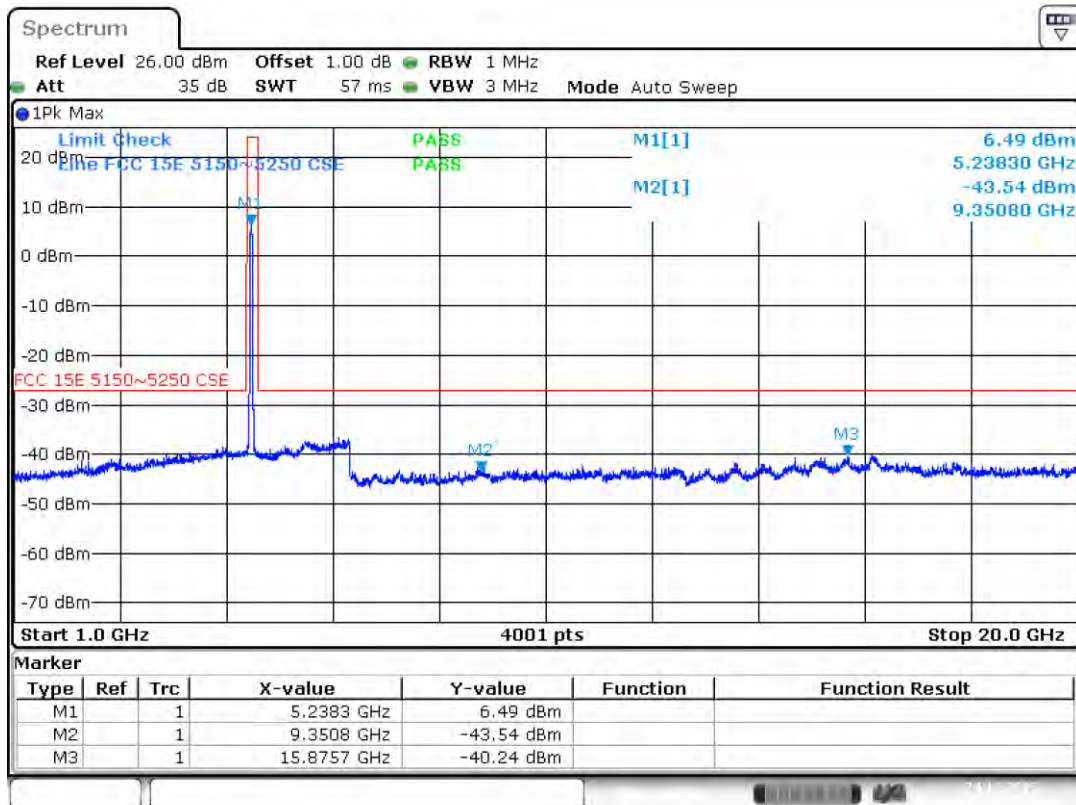
Date: 23.NOV.2015 15:05:42

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



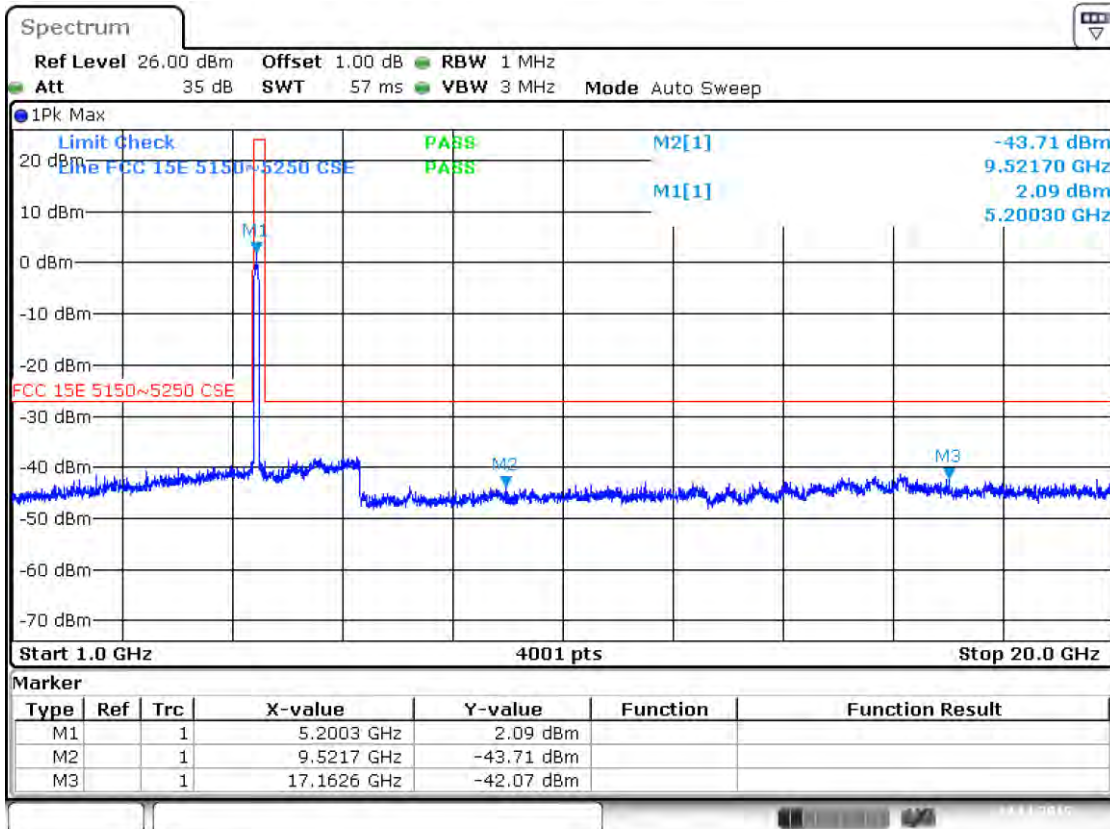
Date: 24.NOV.2015 18:39:46

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



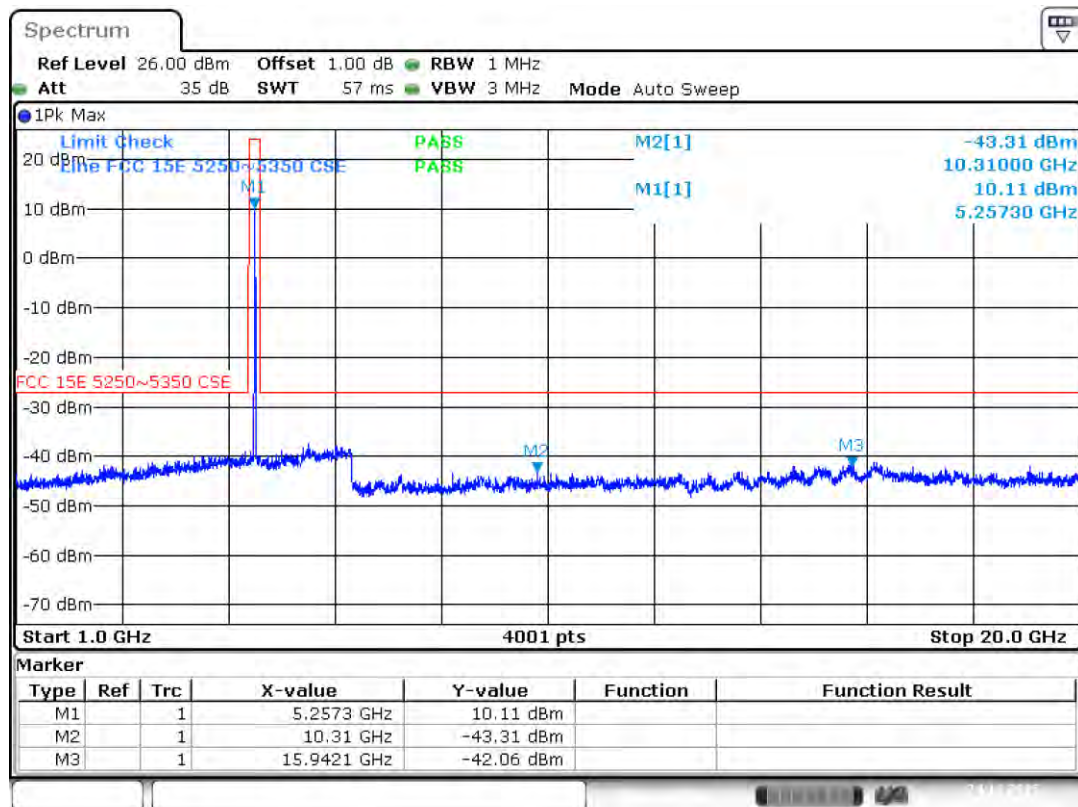
Date: 24.NOV.2015 18:46:36

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



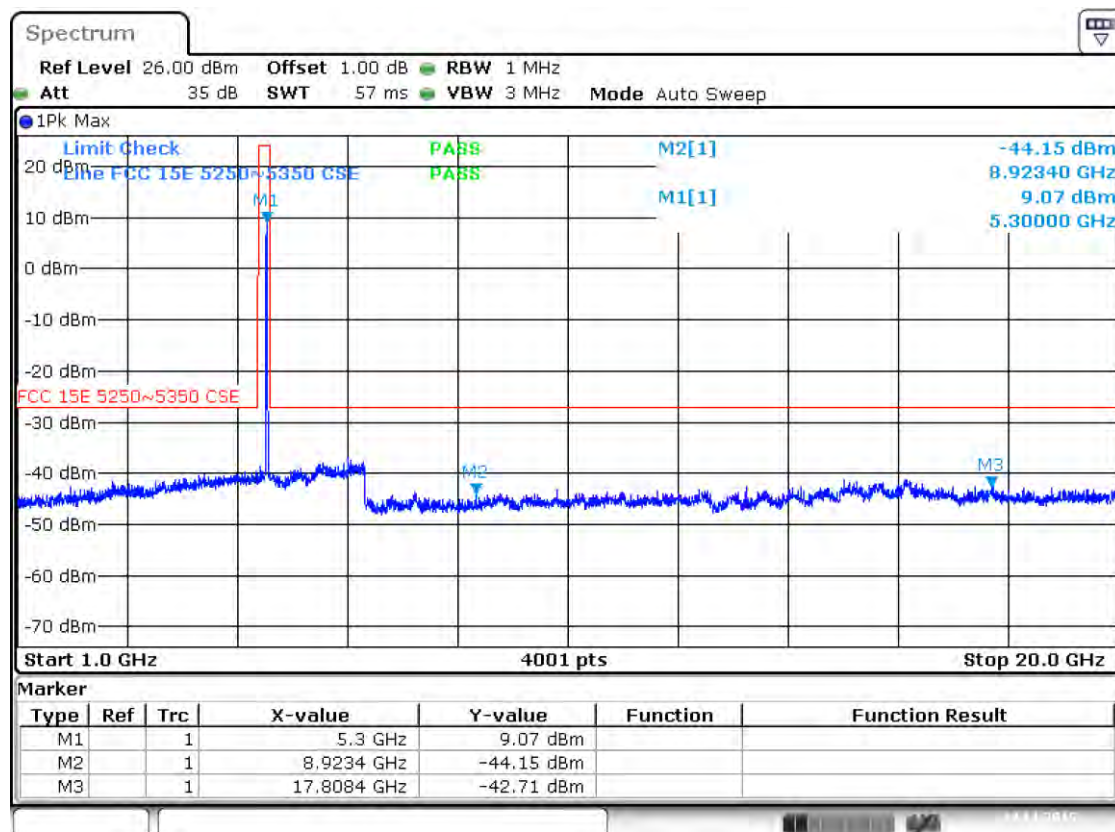
Date: 24.NOV.2015 19:13:16

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)