7 Power Spectral Density

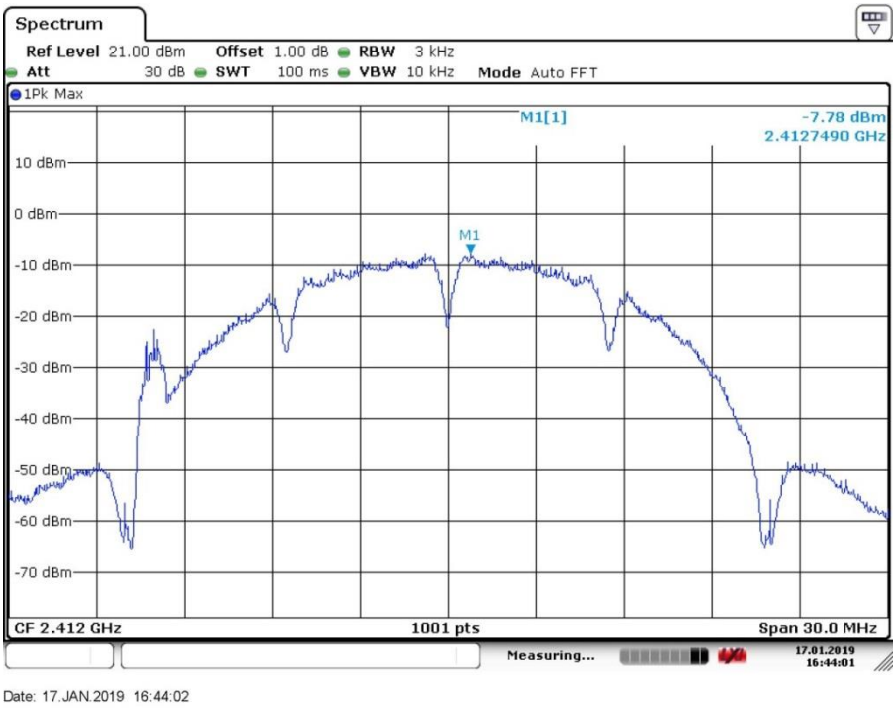
7.1 Test Results

Mode	Test Channel	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
802.11B	Lowest	-7.78	≤8.00	Pass
	Middle	-8.85	≤8.00	Pass
	Highest	-7.97	≤8.00	Pass
802.11G	Lowest	-13.54	≤8.00	Pass
	Middle	-13.80	≤8.00	Pass
	Highest	-13.11	≤8.00	Pass
802.11N20	Lowest	-14.36	≤8.00	Pass
	Middle	-13.36	≤8.00	Pass
	Highest	-13.51	≤8.00	Pass
802.11N40	Lowest	-17.97	≤8.00	Pass
	Middle	-17.43	≤8.00	Pass
	Highest	-17.97	≤8.00	Pass

7.2 Test plots

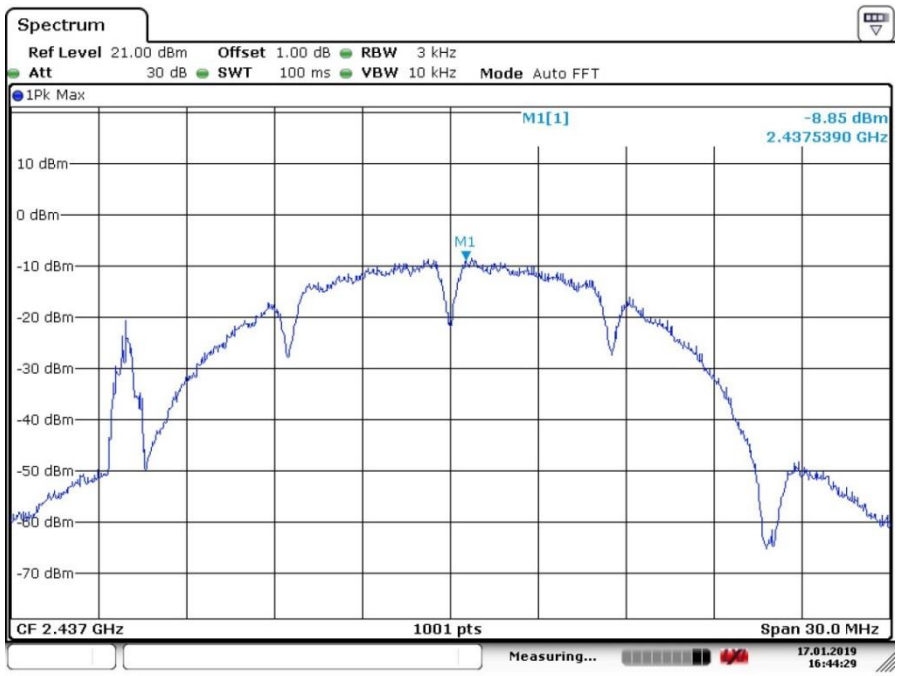
ANT1

802.11B_Lowest Channel



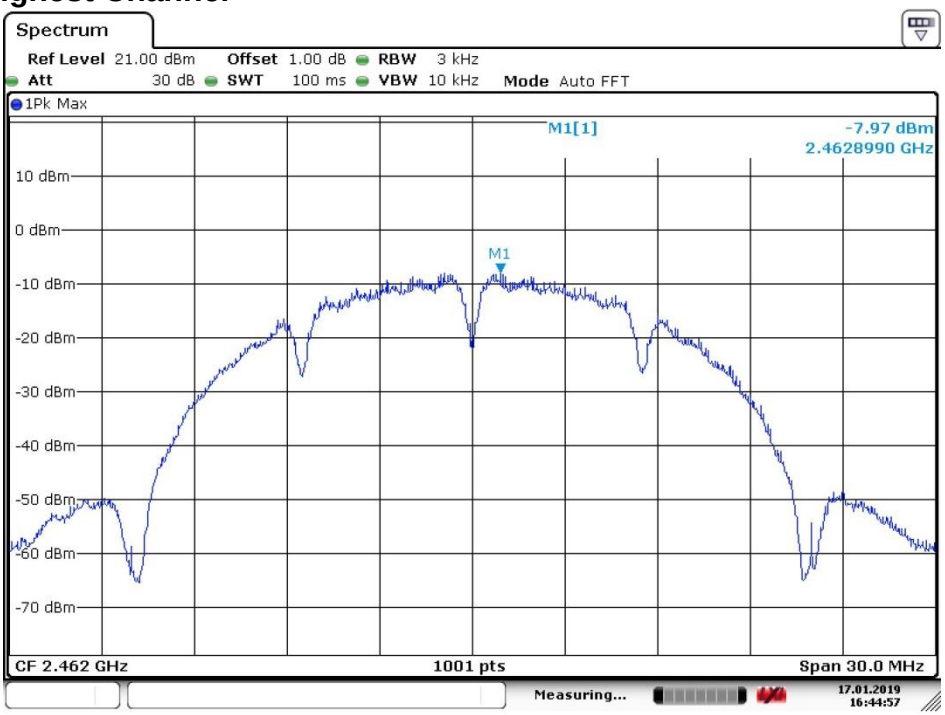
Date: 17.JAN.2019 16:44:02

802.11B_ Middle Channel



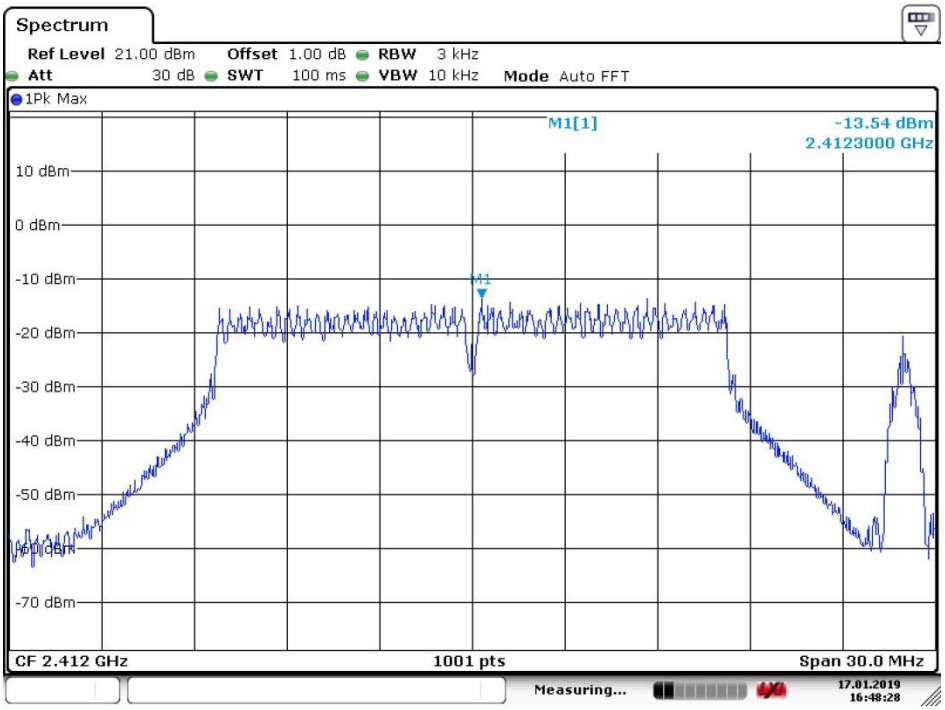
Date: 17.JAN.2019 16:44:29

802.11B_ Highest Channel



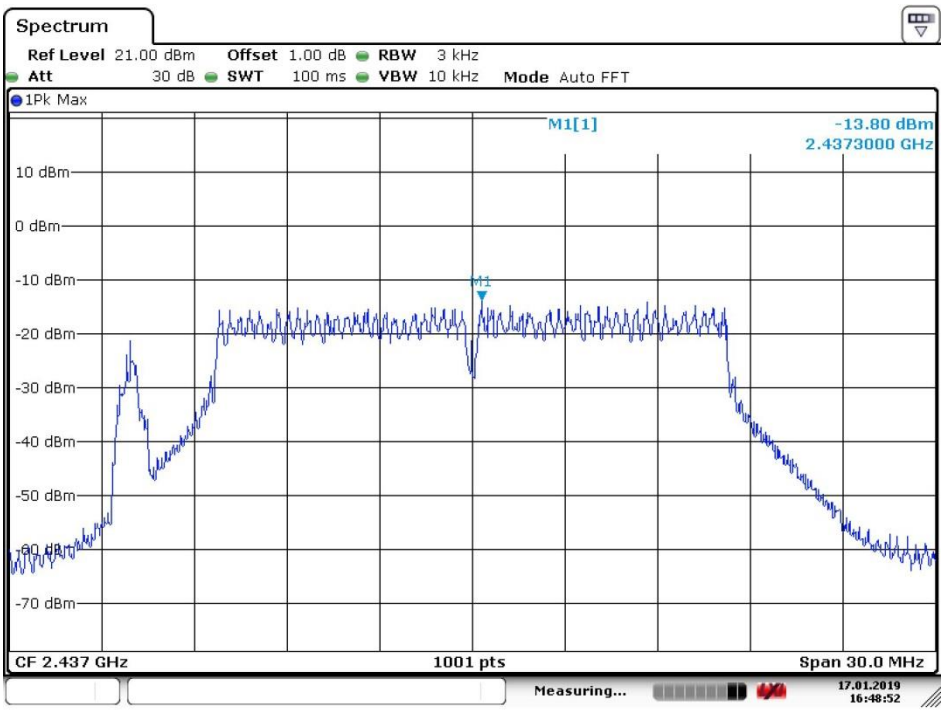
Date: 17.JAN.2019 16:44:58

802.11G_Lowest Channel



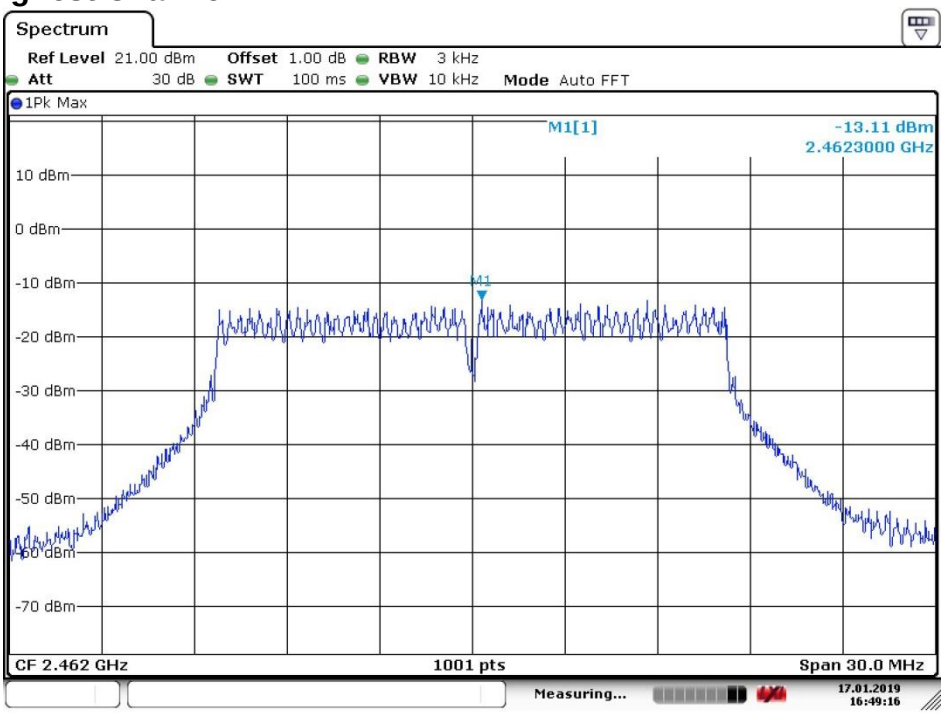
Date: 17.JAN.2019 16:48:28

802.11G_ Middle Channel



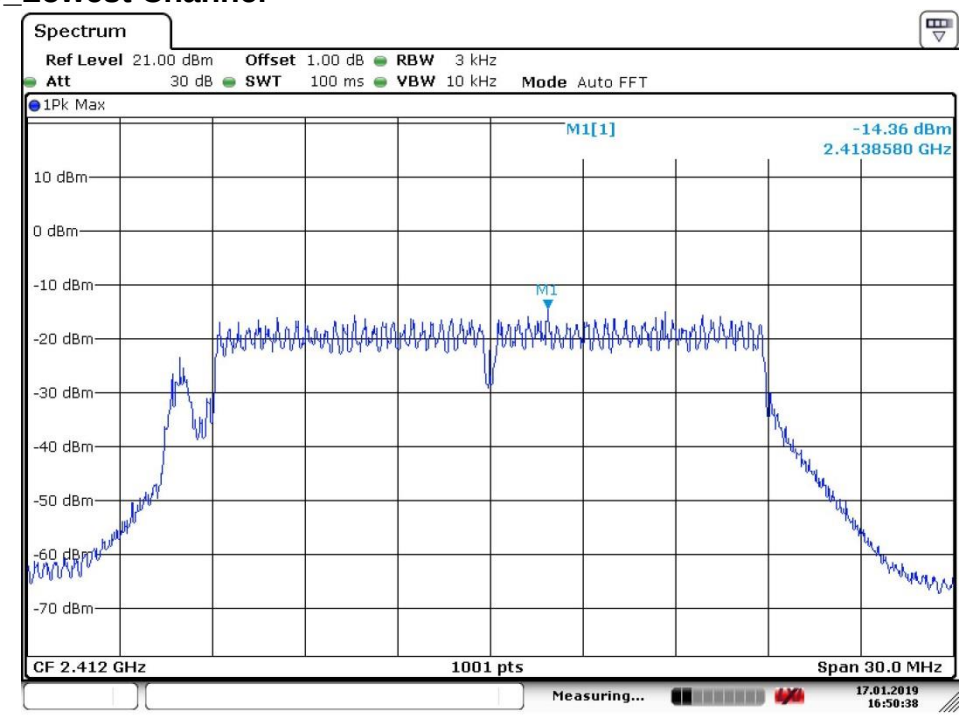
Date: 17.JAN.2019 16:48:53

802.11G_ Highest Channel



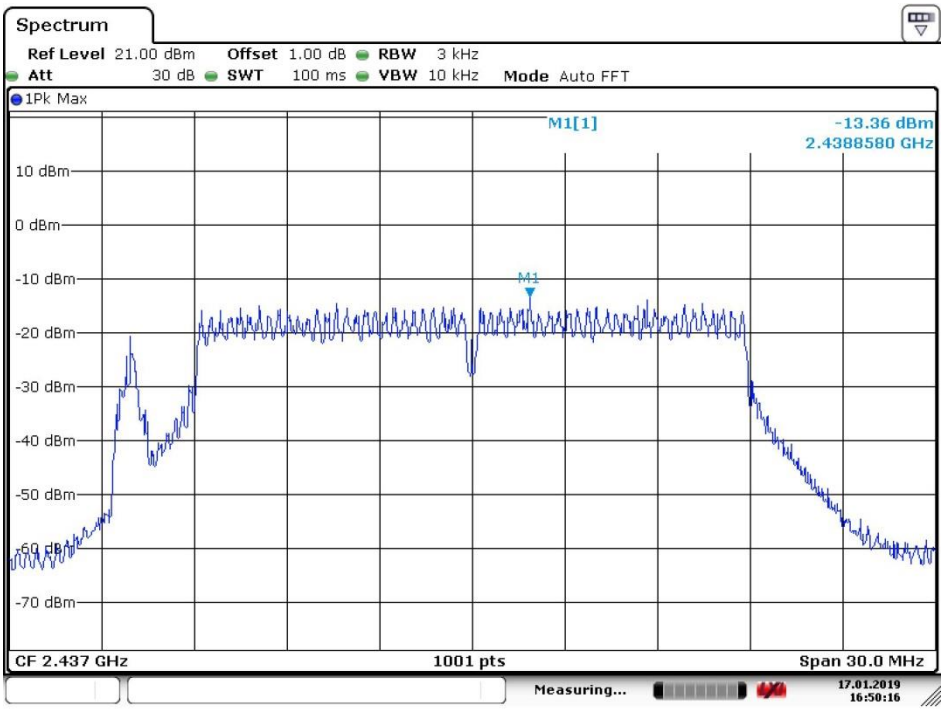
Date: 17.JAN.2019 16:49:17

802.11N20_Lowest Channel



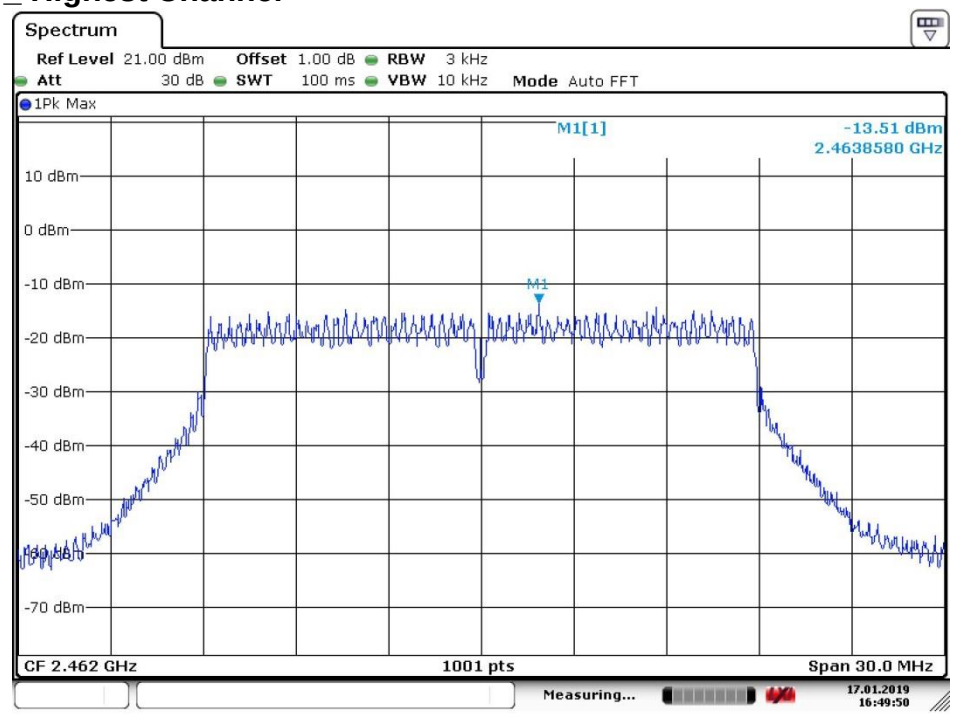
Date: 17.JAN.2019 16:50:38

802.11 N20_ Middle Channel



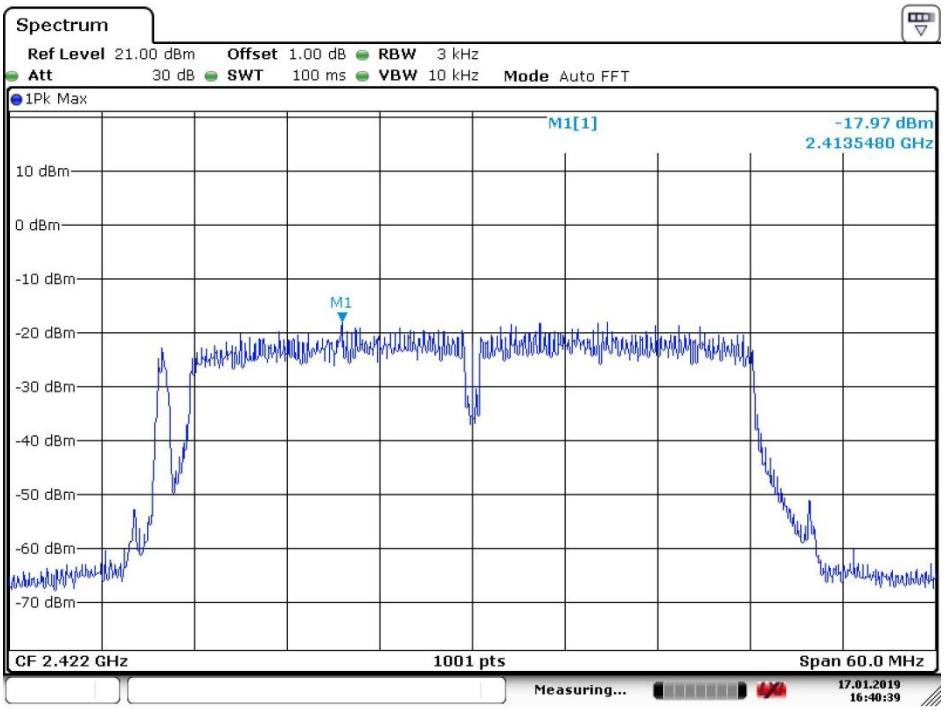
Date: 17.JAN.2019 16:50:16

802.11 N20_ Highest Channel



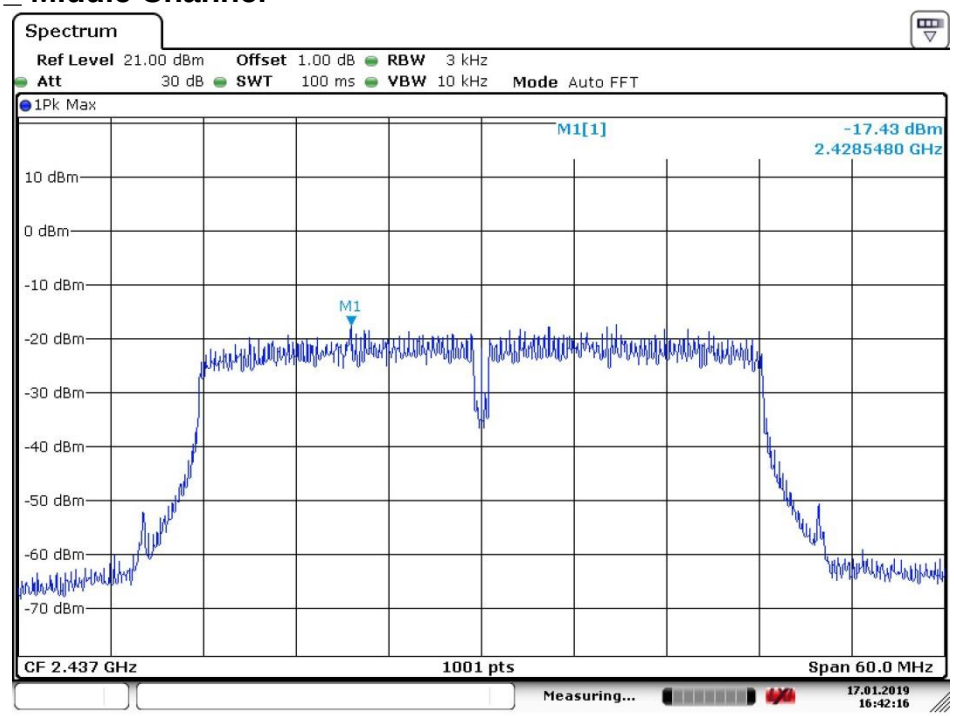
Date: 17.JAN.2019 16:49:51

802.11N40_Lowest Channel



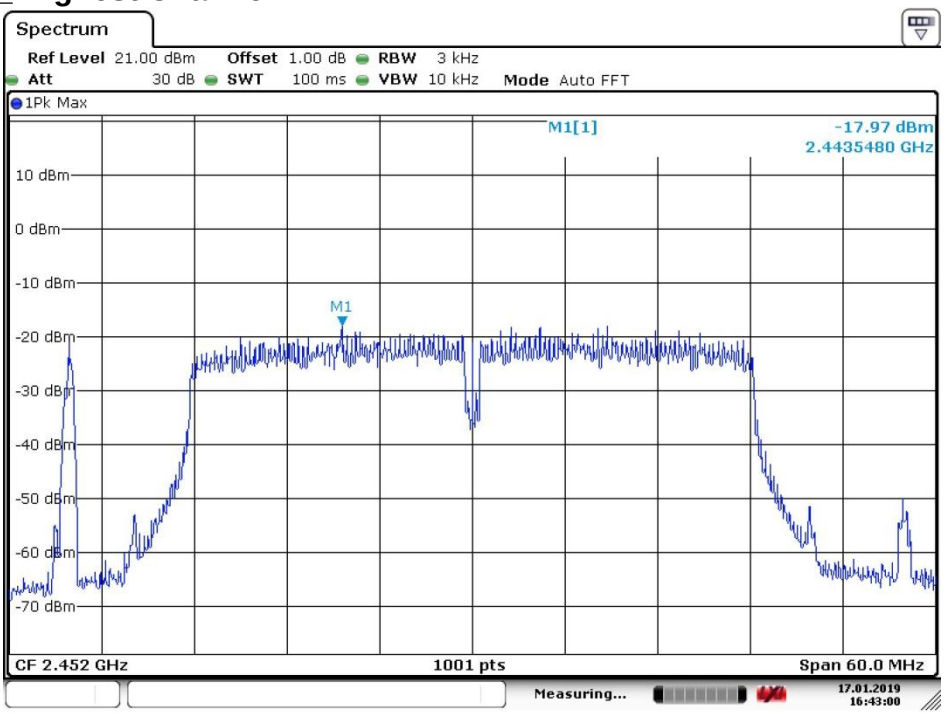
Date: 17.JAN.2019 16:40:39

802.11 N40_ Middle Channel



Date: 17.JAN.2019 16:42:16

802.11 N40_ Highest Channel



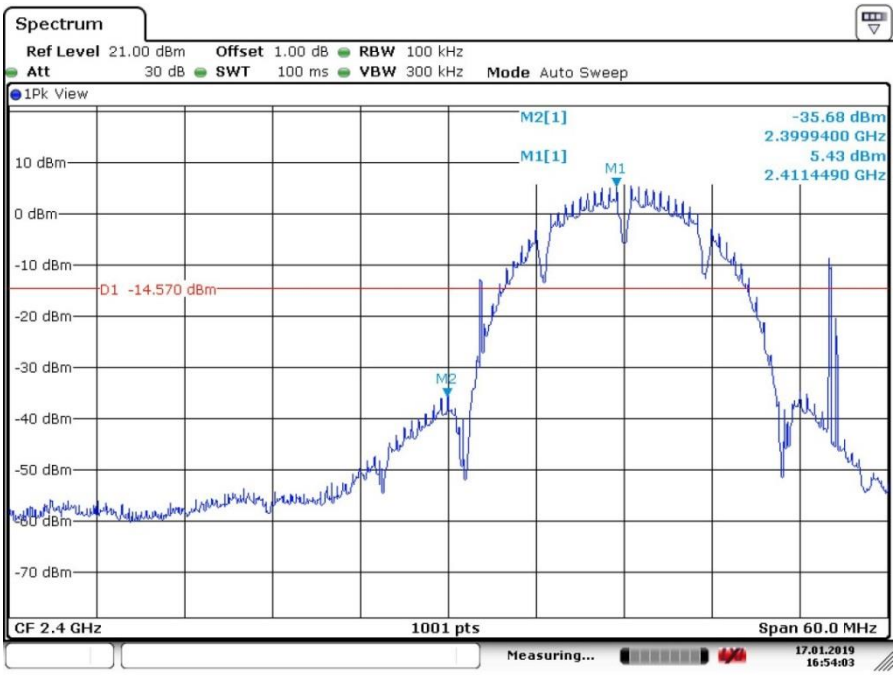
Date: 17.JAN.2019 16:42:59

8 Band-edge for RF Conducted Emissions

8.1 Test plots

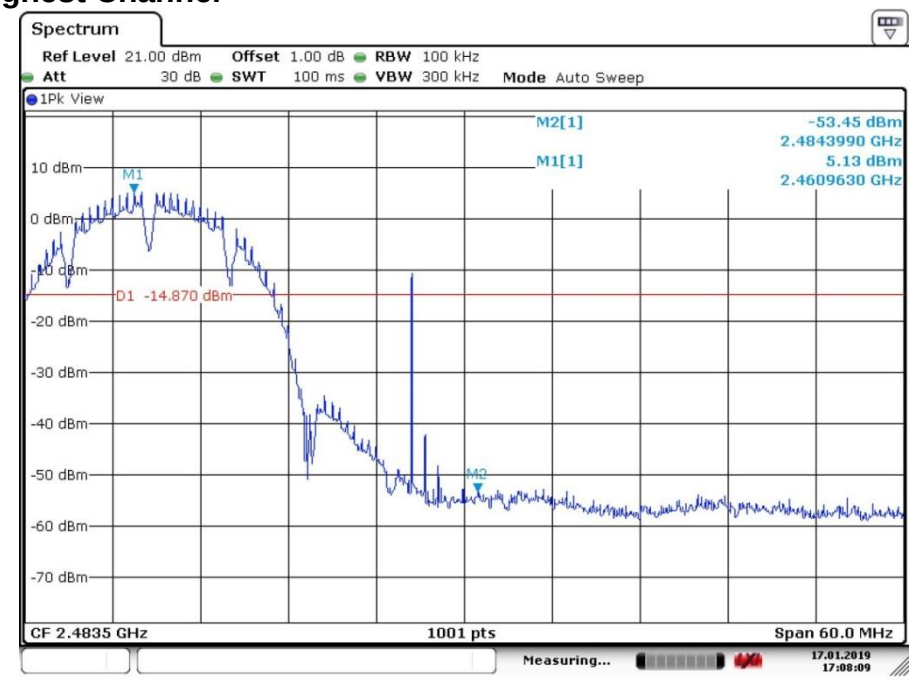
ANT1

802.11B_Lowest Channel



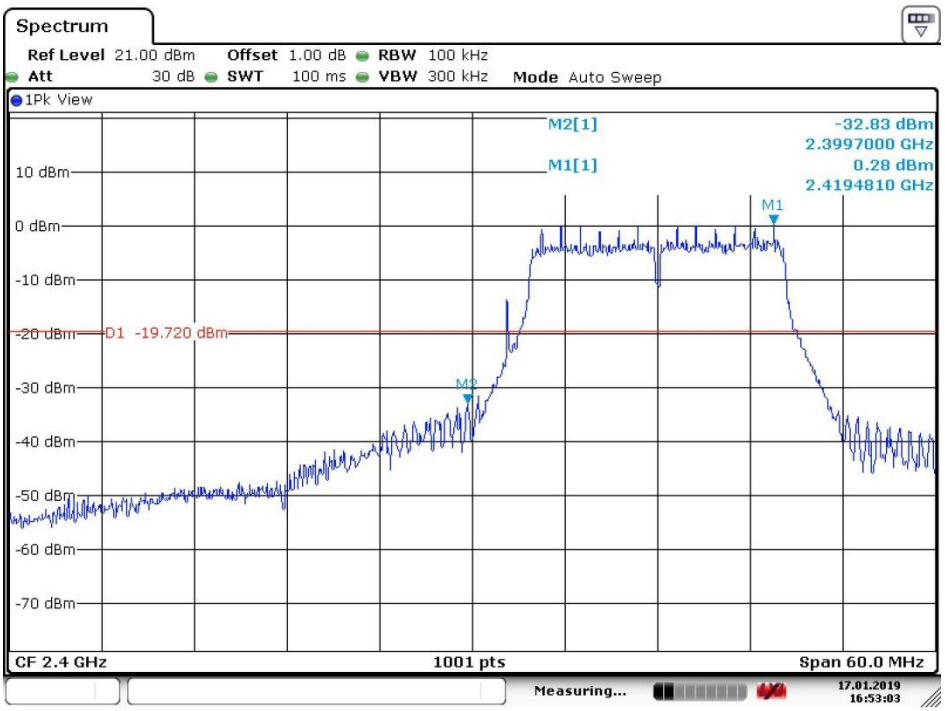
Date: 17.JAN.2019 16:54:03

802.11B_ Highest Channel



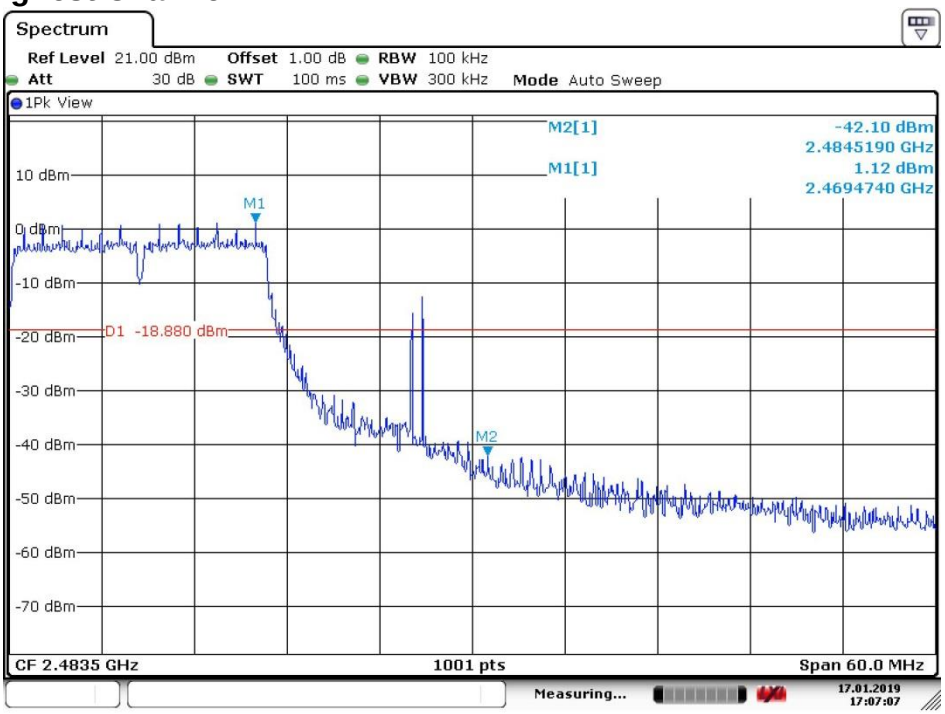
Date: 17.JAN.2019 17:08:09

802.11G_Lowest Channel



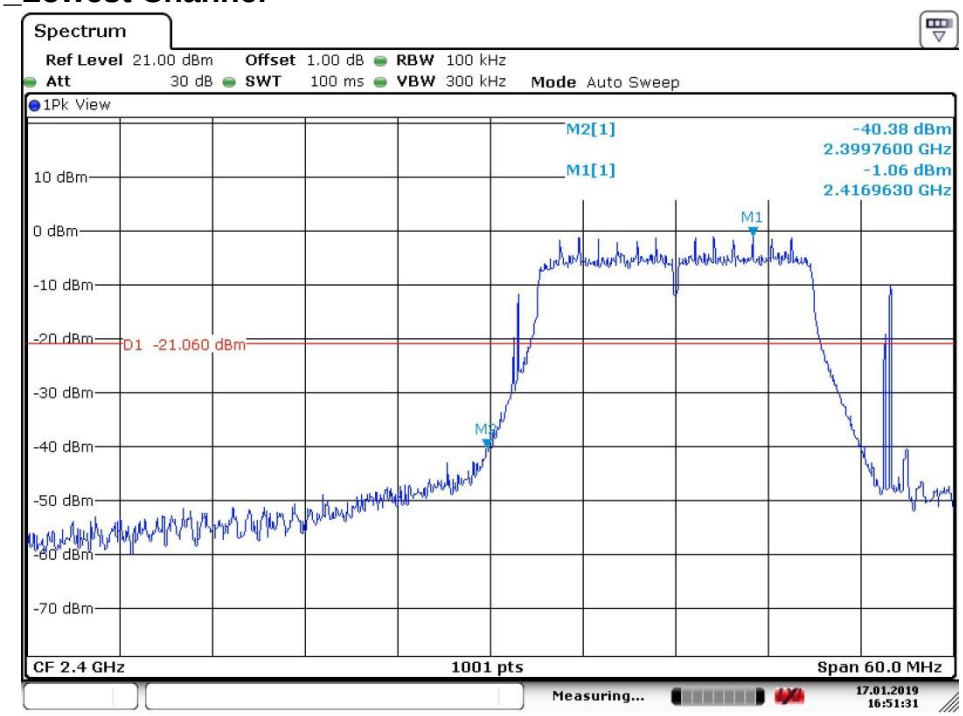
Date: 17.JAN.2019 16:53:03

802.11G_ Highest Channel



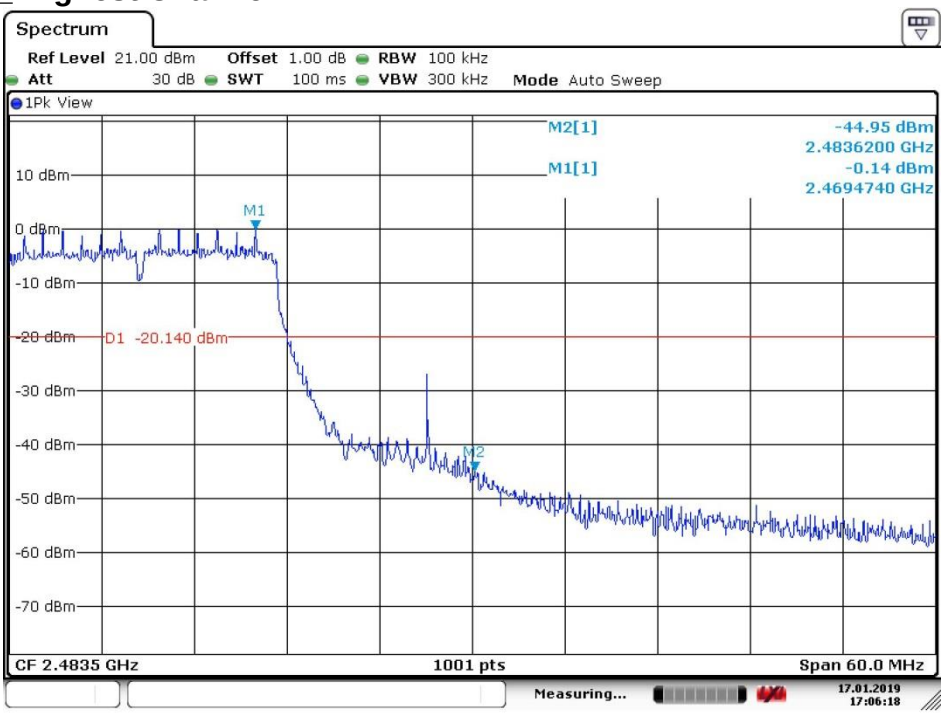
Date: 17.JAN.2019 17:07:07

802.11N20_Lowest Channel



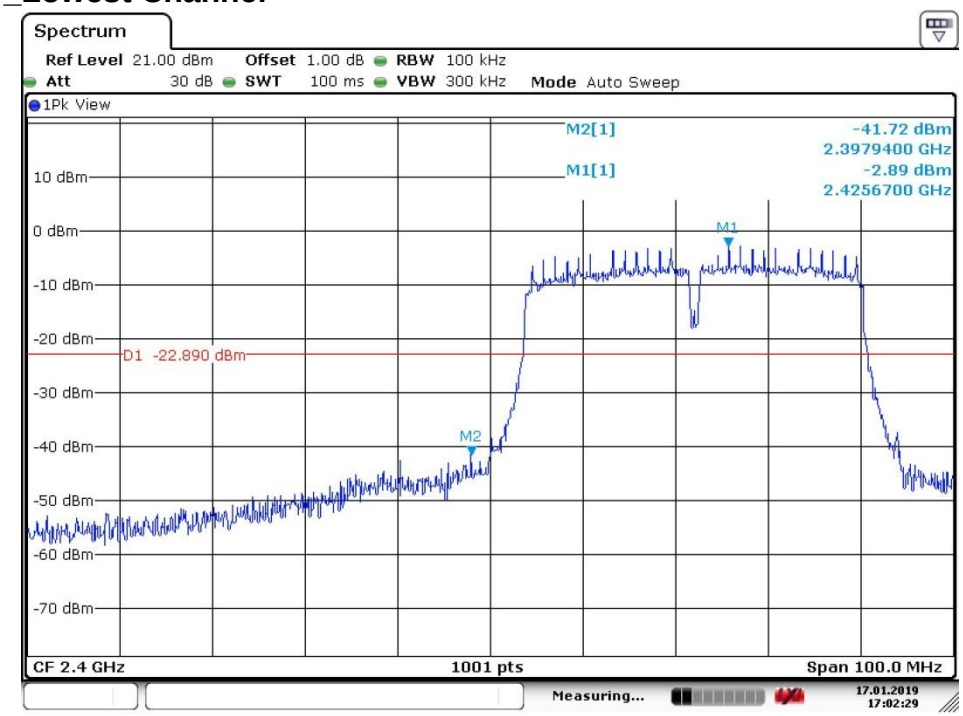
Date: 17.JAN.2019 16:51:31

802.11 N20_ Highest Channel



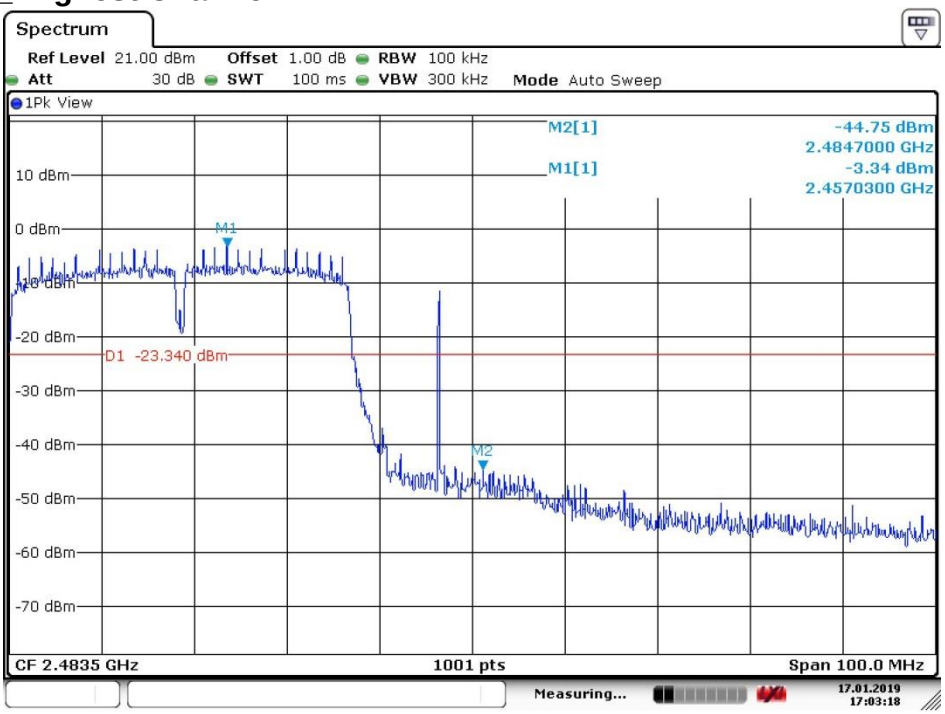
Date: 17.JAN.2019 17:06:19

802.11N40_Lowest Channel



Date: 17.JAN.2019 17:02:29

802.11 N40_ Highest Channel



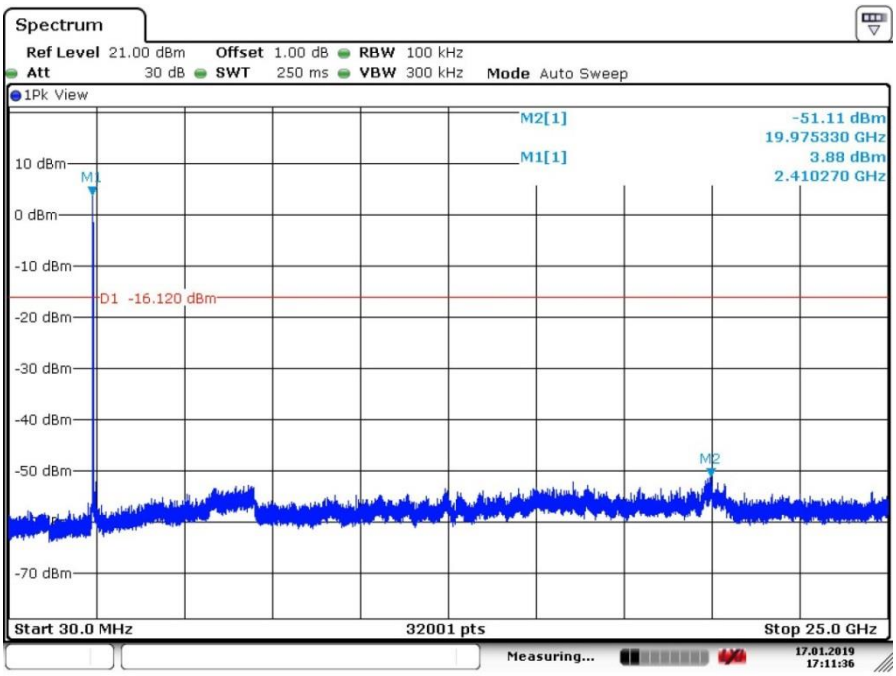
Date: 17.JAN.2019 17:03:19

9 RF Conducted Spurious Emissions

9.1 Test plots

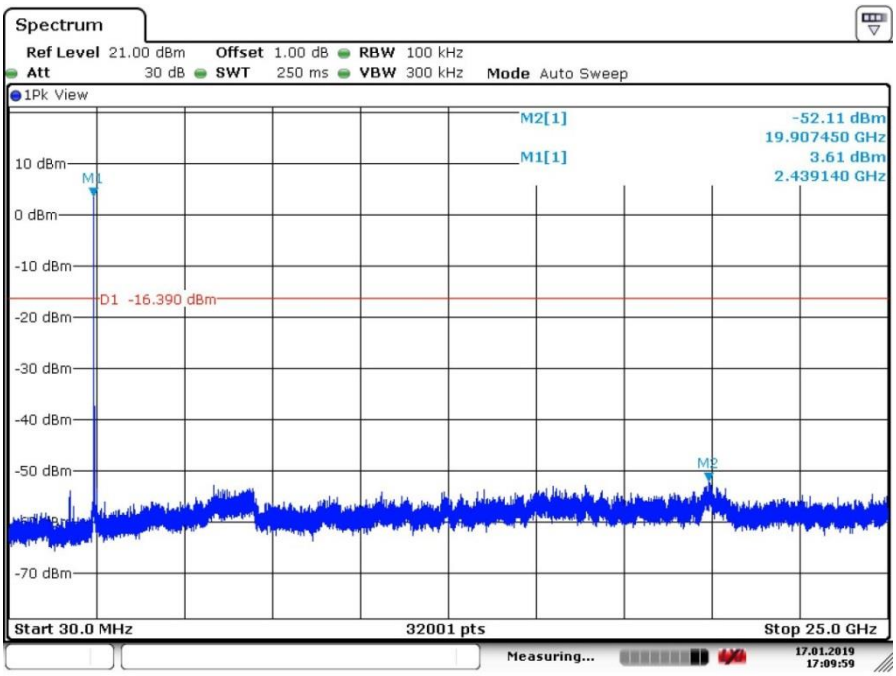
ANT1

802.11B_Lowest Channel



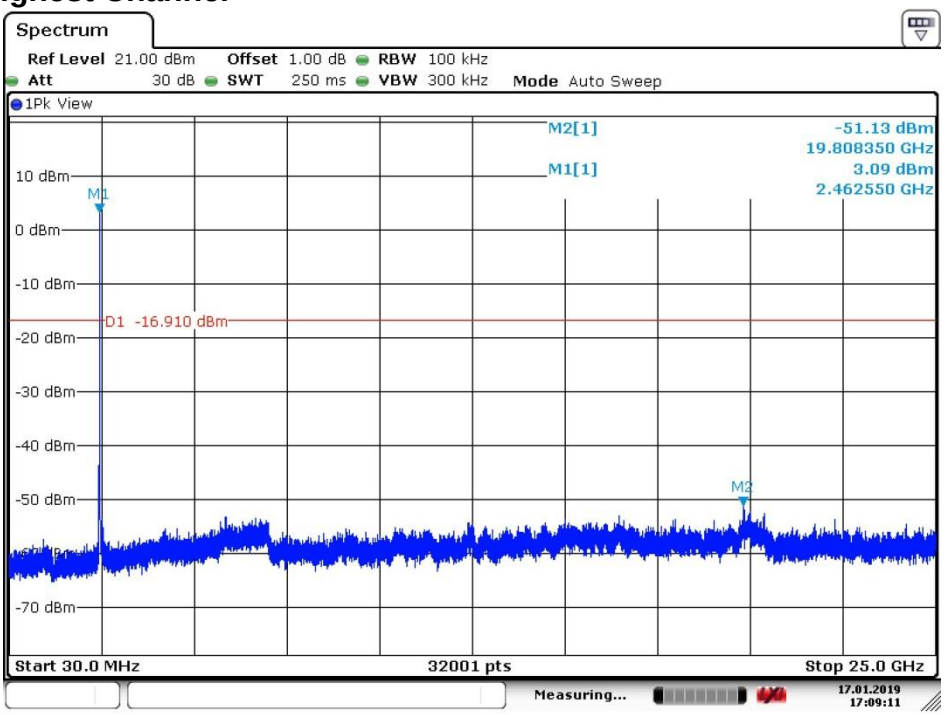
Date: 17.JAN.2019 17:11:37

802.11B_ Middle Channel



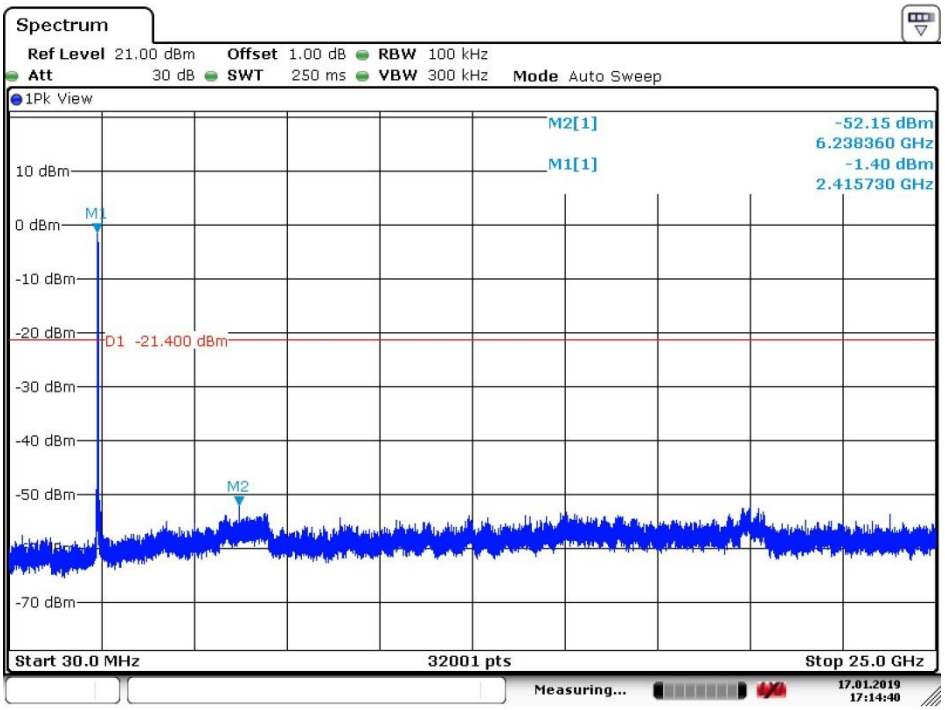
Date: 17.JAN.2019 17:10:00

802.11B_ Highest Channel



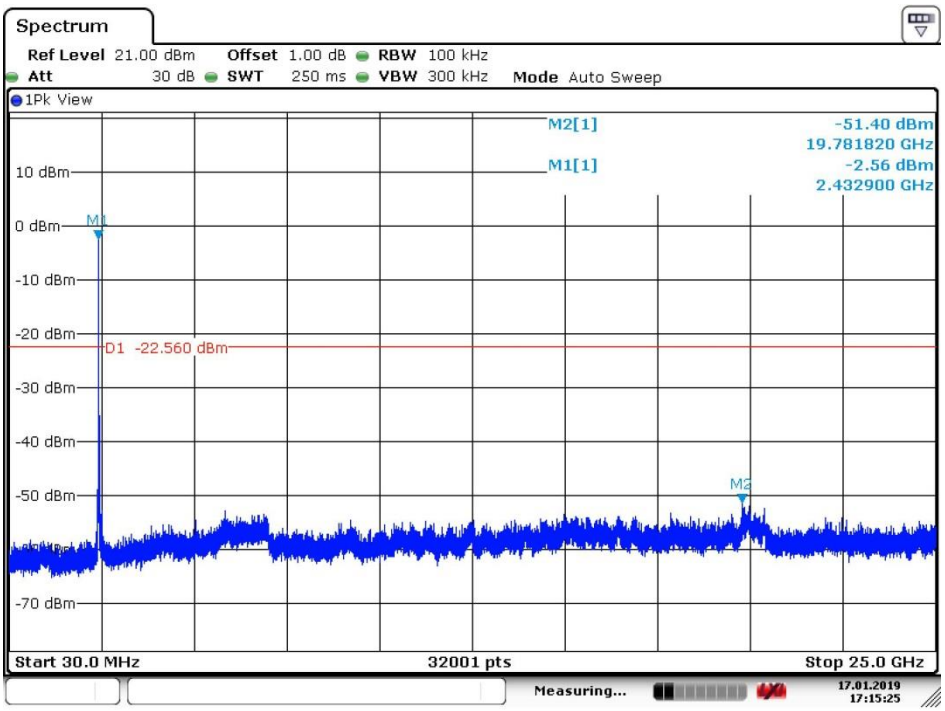
Date: 17.JAN.2019 17:09:11

802.11G_Lowest Channel



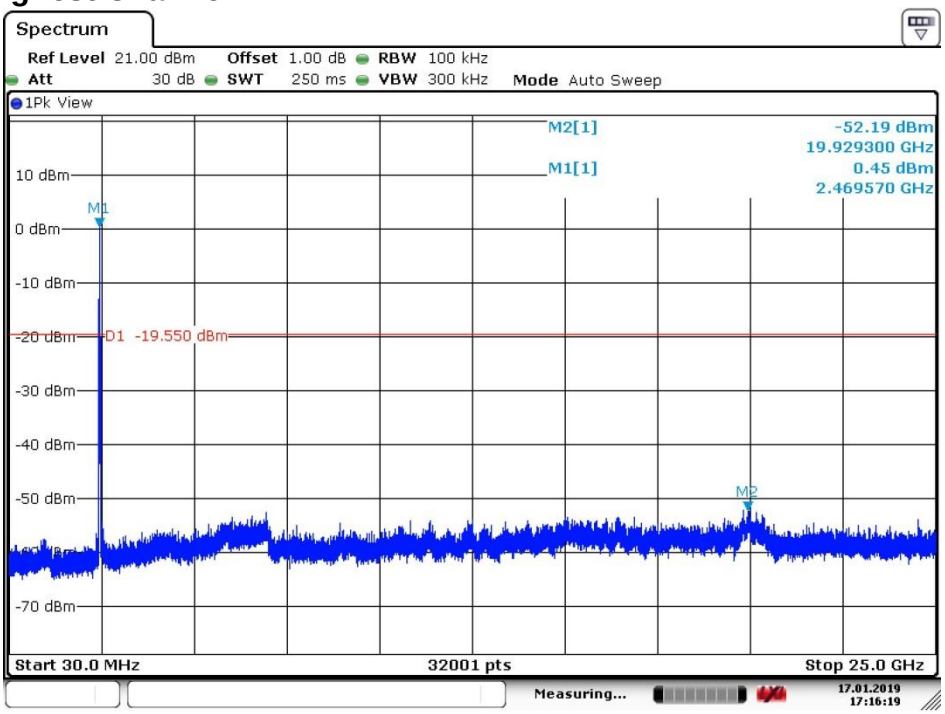
Date: 17.JAN.2019 17:14:41

802.11G_ Middle Channel



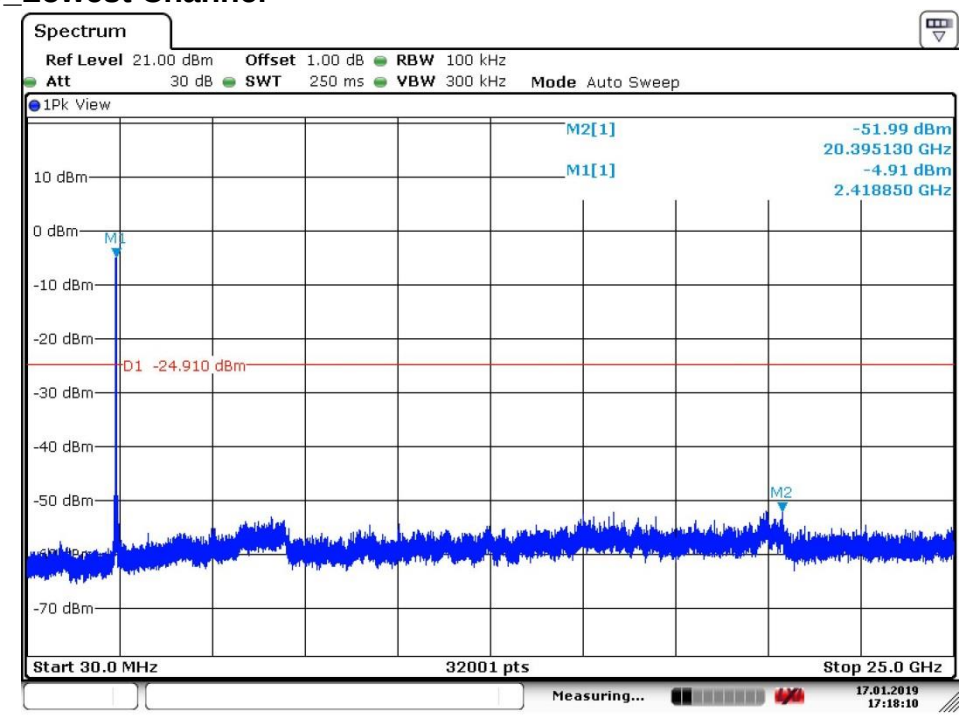
Date: 17.JAN.2019 17:15:26

802.11G_ Highest Channel



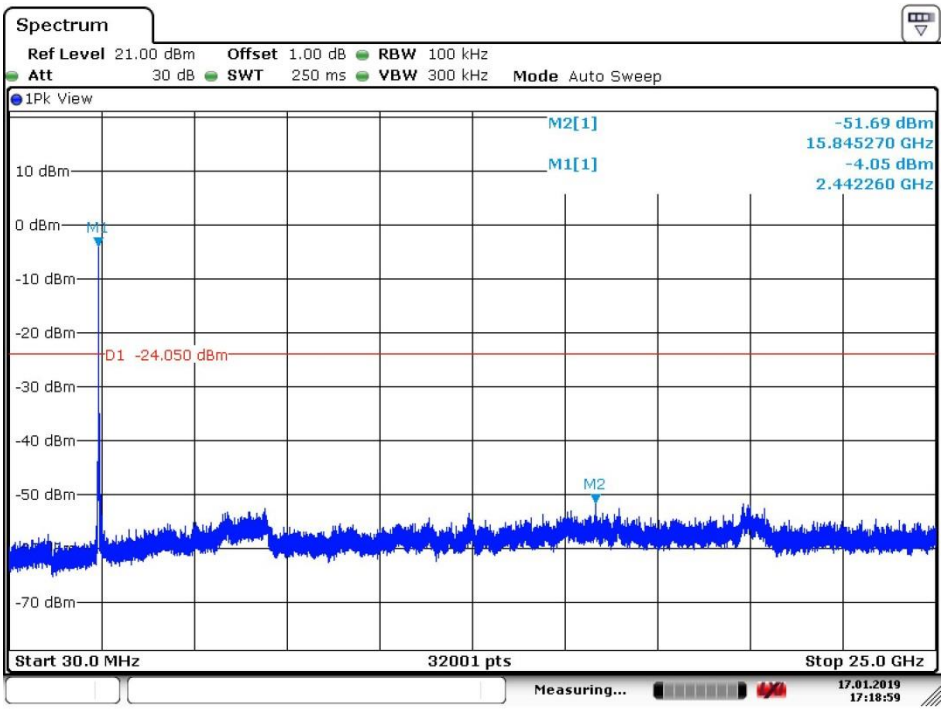
Date: 17.JAN.2019 17:16:19

802.11N20_Lowest Channel



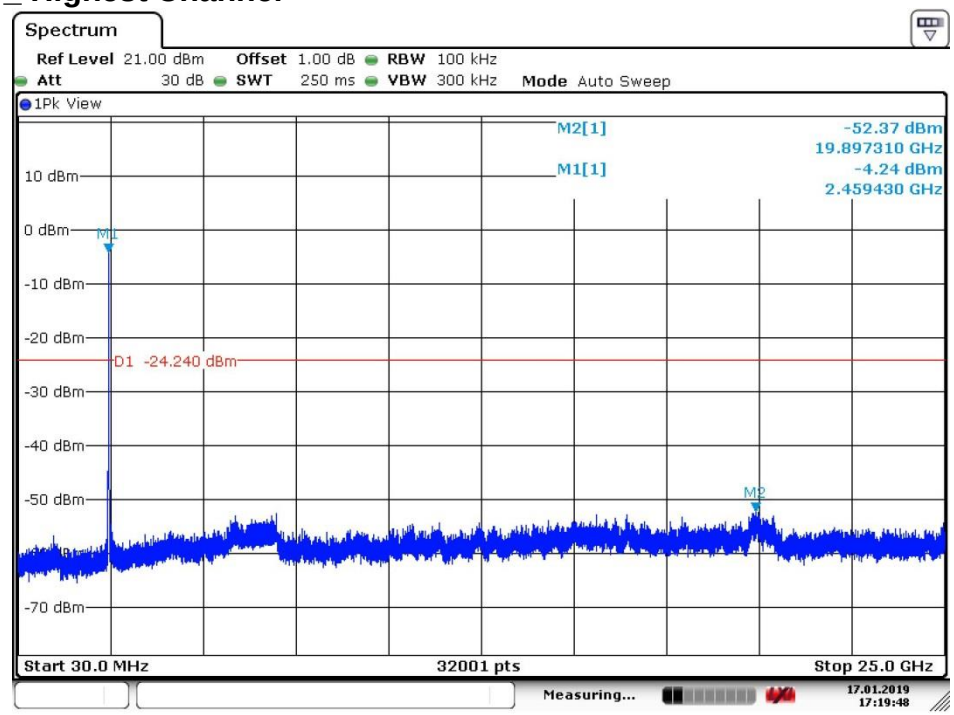
Date: 17.JAN.2019 17:18:10

802.11 N20_ Middle Channel



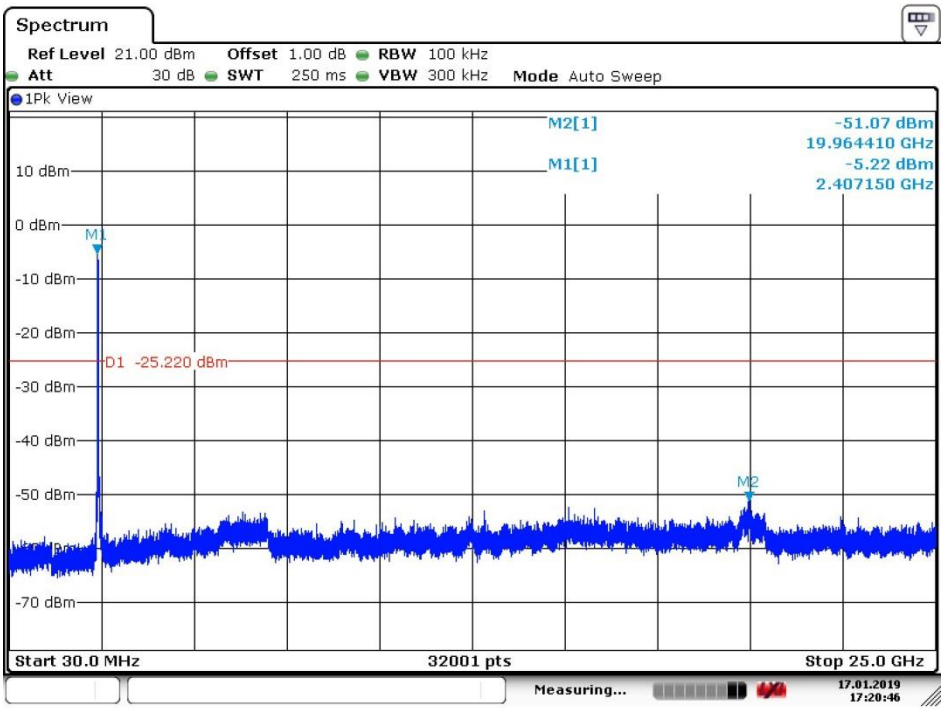
Date: 17.JAN.2019 17:19:00

802.11 N20_ Highest Channel



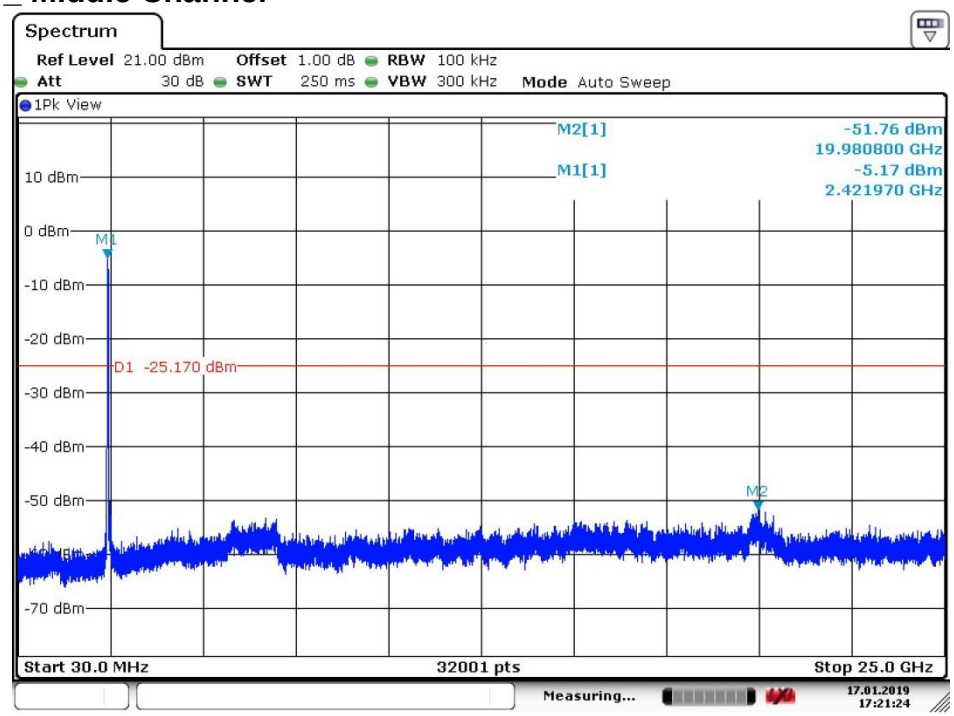
Date: 17.JAN.2019 17:19:49

802.11N40_Lowest Channel



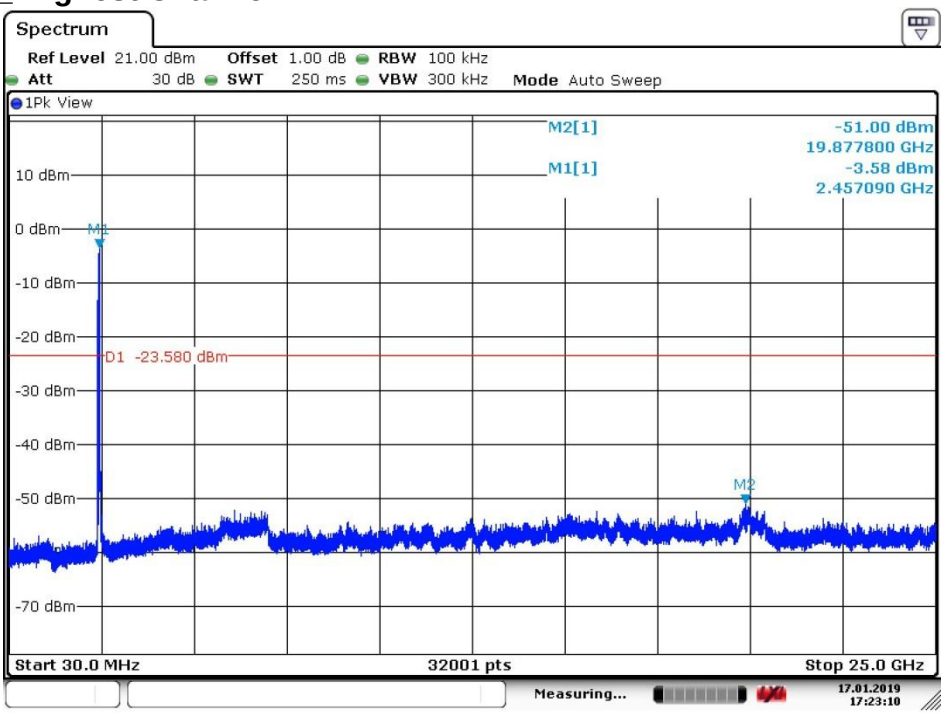
Date: 17.JAN.2019 17:20:46

802.11 N40_ Middle Channel



Date: 17.JAN.2019 17:21:25

802.11 N40_ Highest Channel



Date: 17.JAN.2019 17:23:10

Remark:

Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported