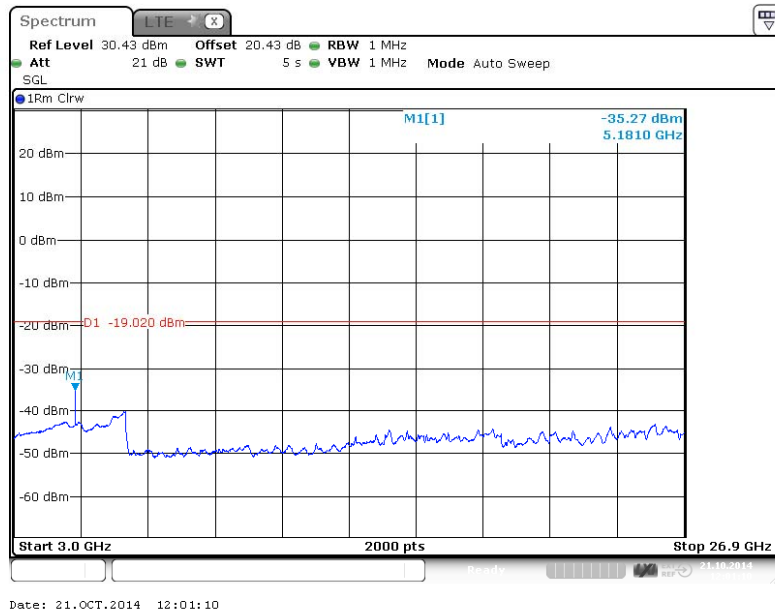




Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 142 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**

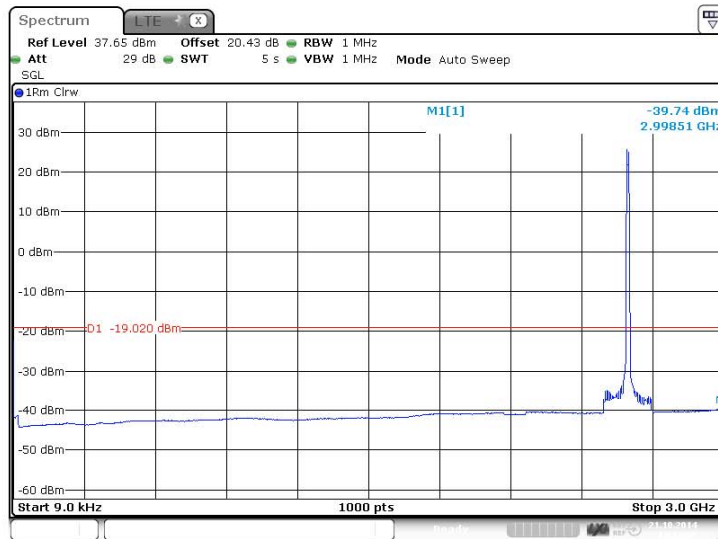




Product Service

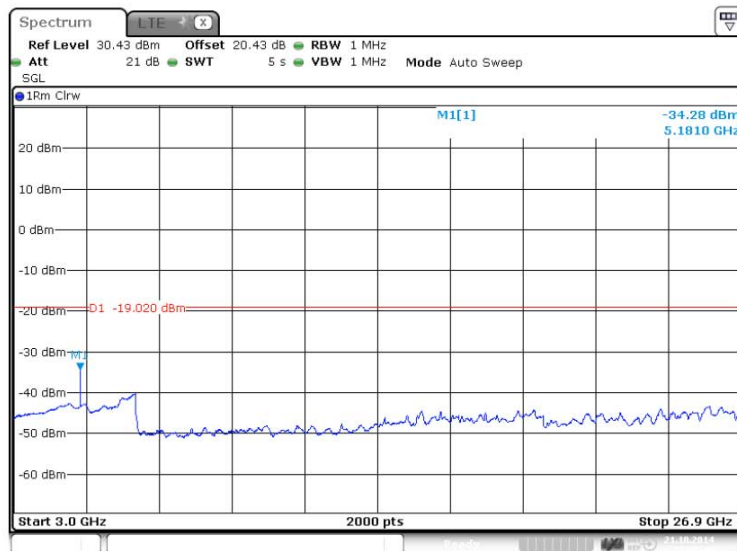
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 11:17:53

Figure 145 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (15MHz Channel BW)



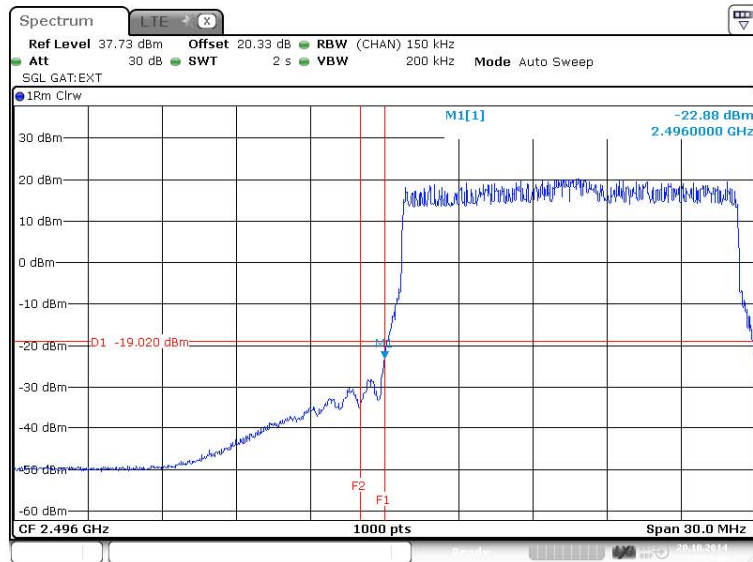
Date: 21.OCT.2014 11:18:39

Figure 146 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (15MHz Channel BW)



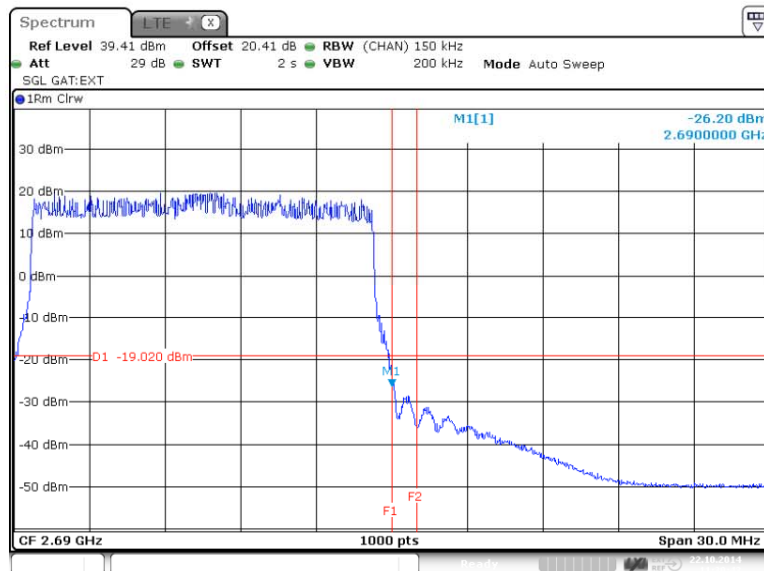
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 20.OCT.2014 13:15:31

**Figure 147 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5 MHz) (15MHz Channel BW)**



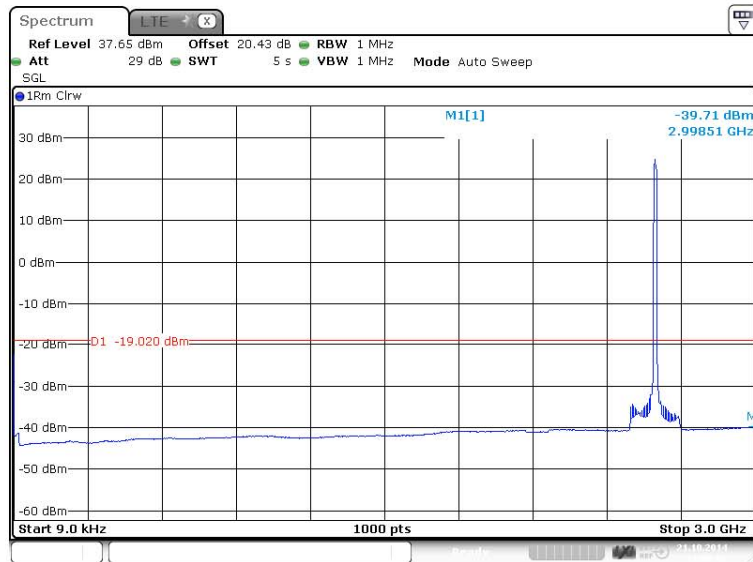
Date: 22.OCT.2014 11:30:43

**Figure 148 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz) (15MHz Channel BW)**



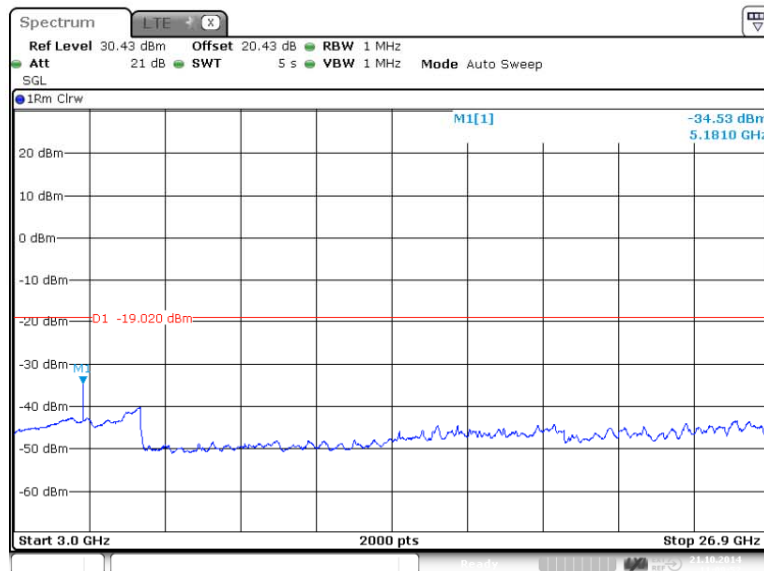
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 11:09:02

**Figure 149 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**



Date: 21.OCT.2014 11:09:52

**Figure 150 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (15MHz Channel BW)**

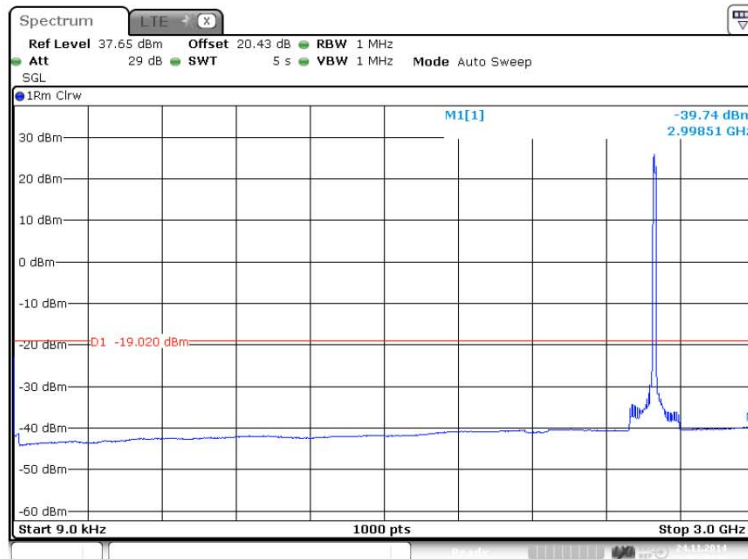




Product Service

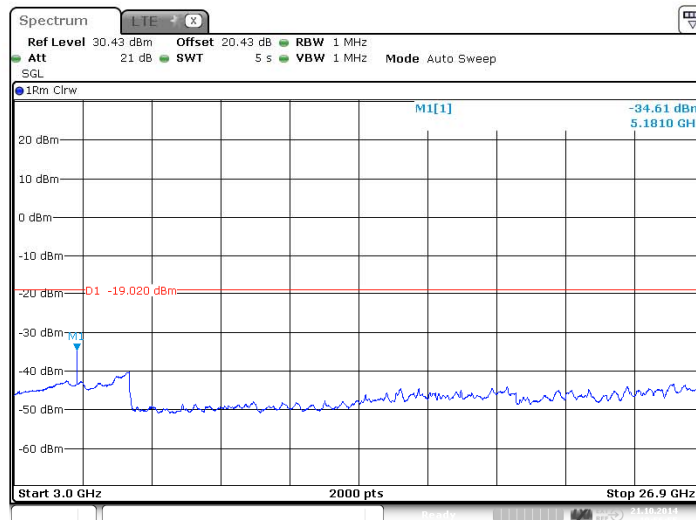
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 24.NOV.2014 16:40:40

**Figure 153 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**



Date: 21.OCT.2014 10:56:55

**Figure 154 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**

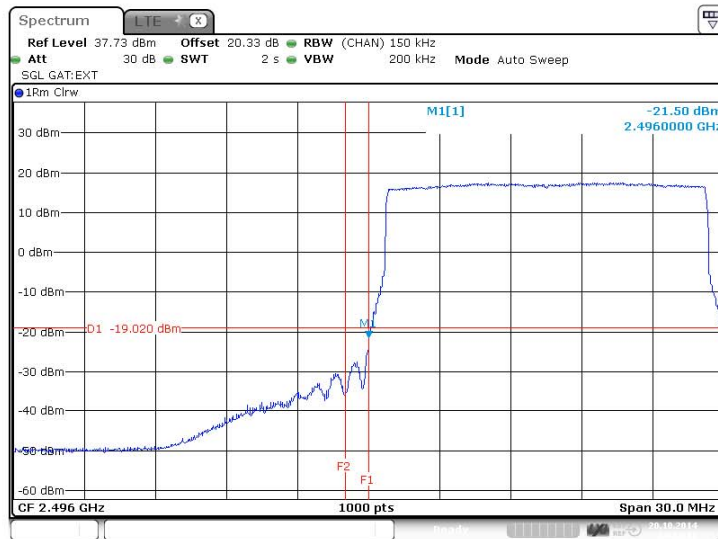
**Config C ANT2/Div:**



Product Service

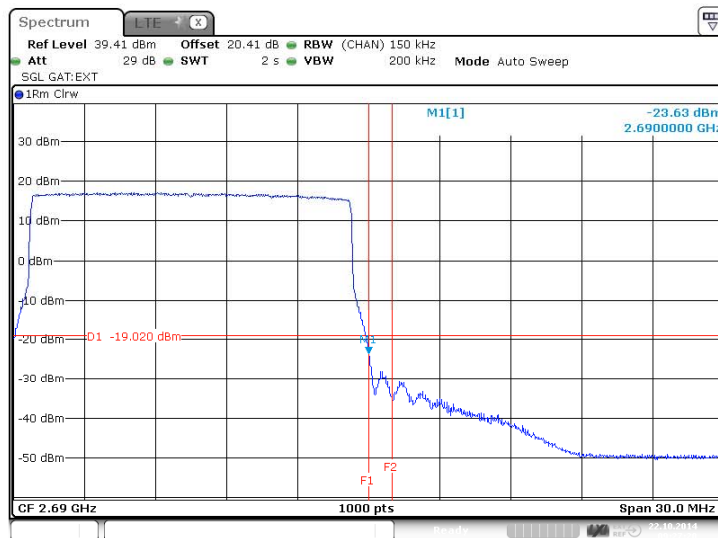
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 20.OCT.2014 14:17:12

**Figure 155 Spurious Emissions (Lower Band Edge) – QPSK (2503.5 MHz) (15MHz Channel BW)**



Date: 22.OCT.2014 09:27:20

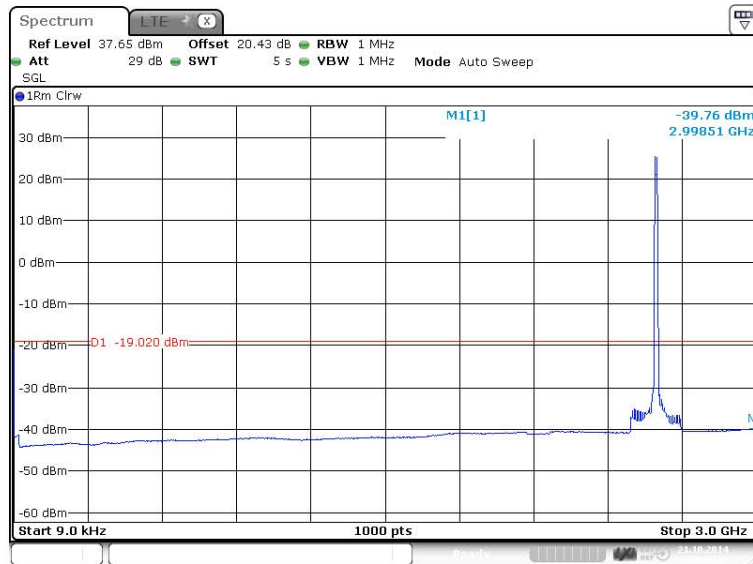
**Figure 156 Spurious Emissions (Upper Band Edge) – QPSK (2682.5 MHz) (15MHz Channel BW)**





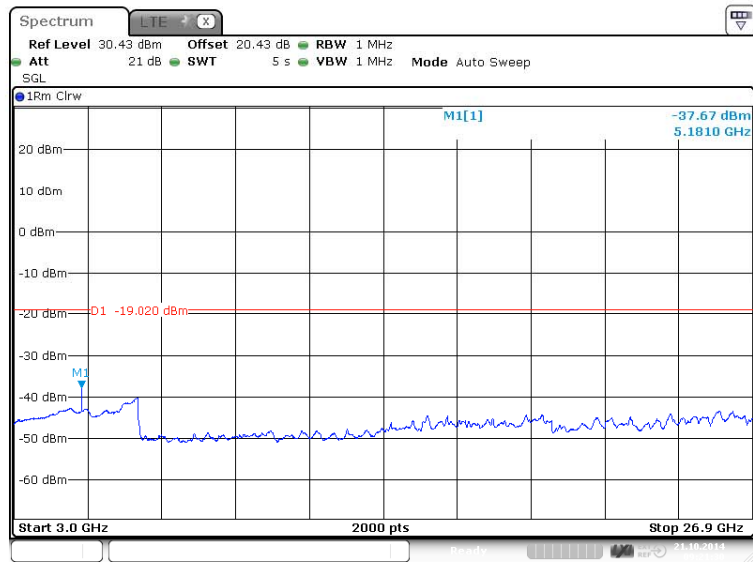
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 09:17:17

**Figure 157 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (15MHz Channel BW)**



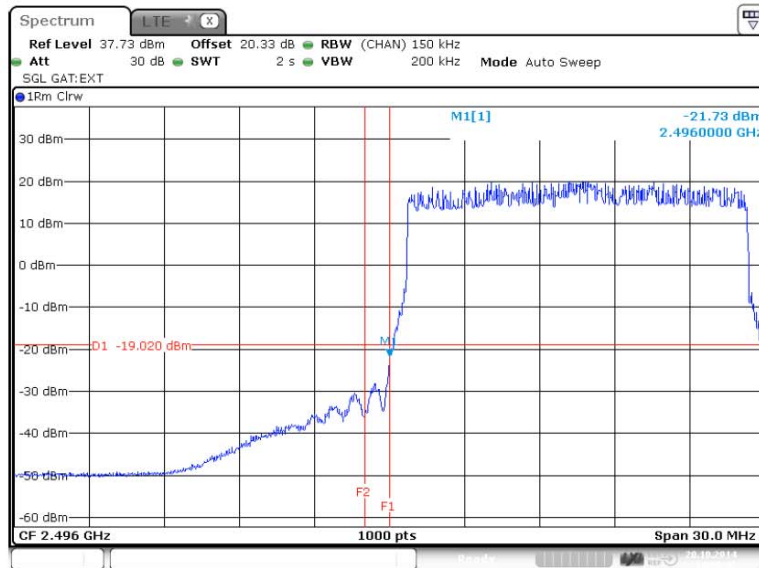
Date: 21.OCT.2014 09:21:31

**Figure 158 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (15MHz Channel BW)**



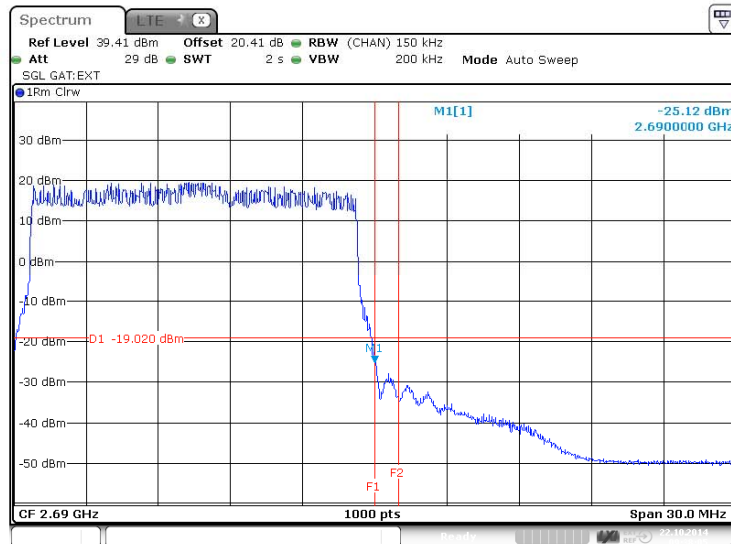
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 20.OCT.2014 14:08:42

**Figure 159 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5 MHz) (10MHz Channel BW)**



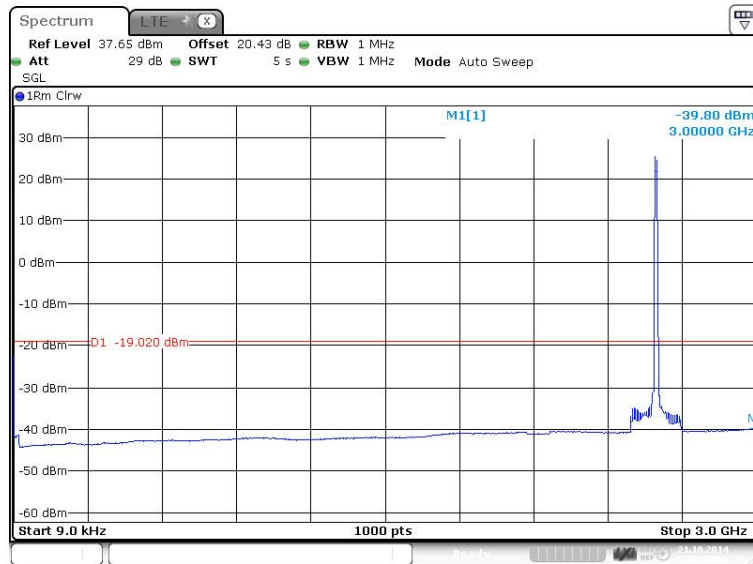
Date: 22.OCT.2014 09:38:05

**Figure 160 Spurious Emissions (Upper Band Edge) – 16QAM (2682.5 MHz) (10MHz Channel BW)**



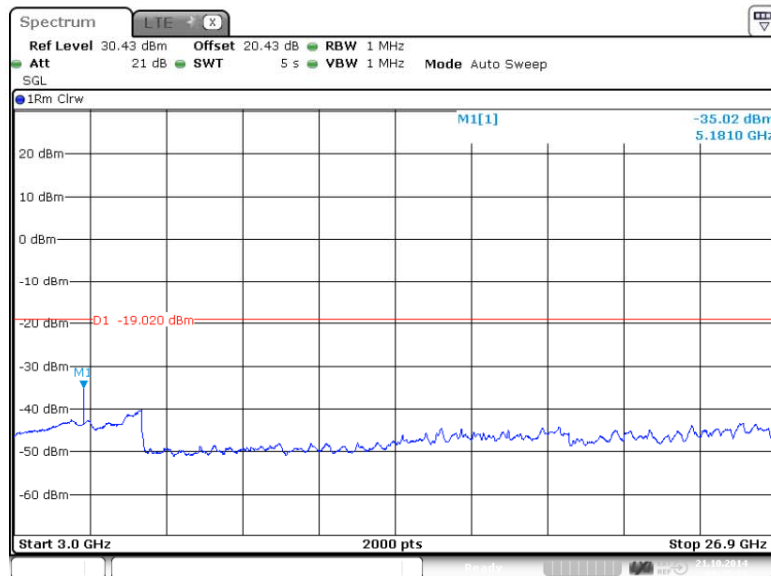
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 09:34:51

**Figure 161 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



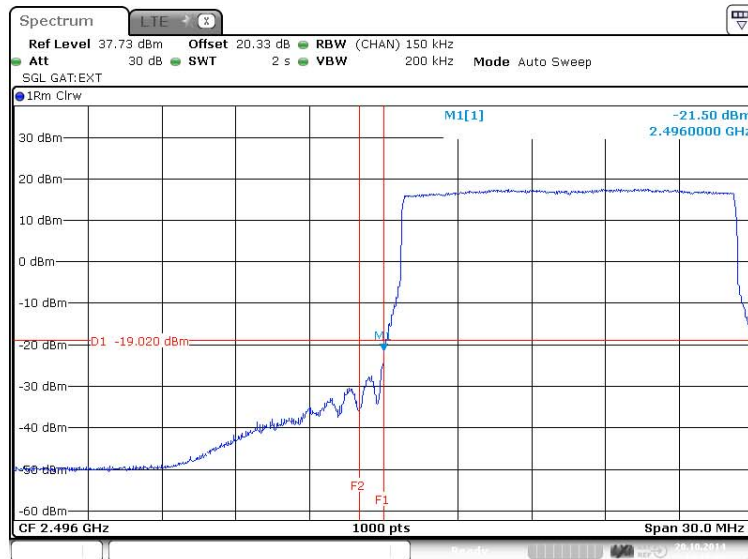
Date: 21.OCT.2014 09:35:33

**Figure 162 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (10MHz Channel BW)**



FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 20.OCT.2014 14:15:49

**Figure 163 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5 MHz) (10MHz Channel BW)**



Date: 22.OCT.2014 10:51:30

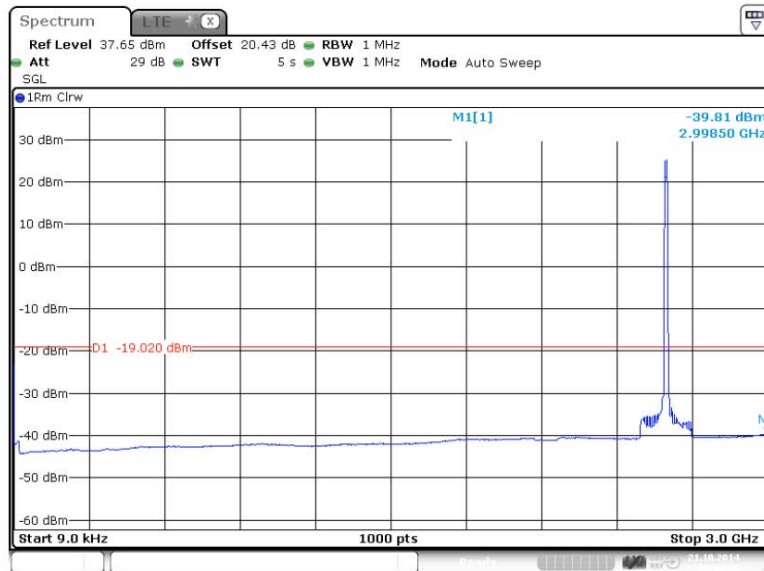
**Figure 164 Spurious Emissions (Upper Band Edge) – 64QAM (2682.5.0 MHz) (15MHz Channel BW)**



Product Service

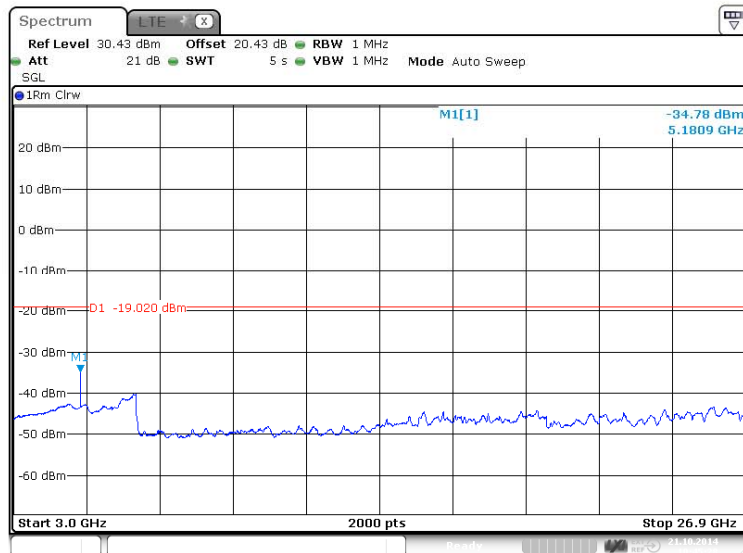
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 21.OCT.2014 10:44:33

**Figure 165 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**



Date: 21.OCT.2014 10:45:28

**Figure 166 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (15MHz Channel BW)**

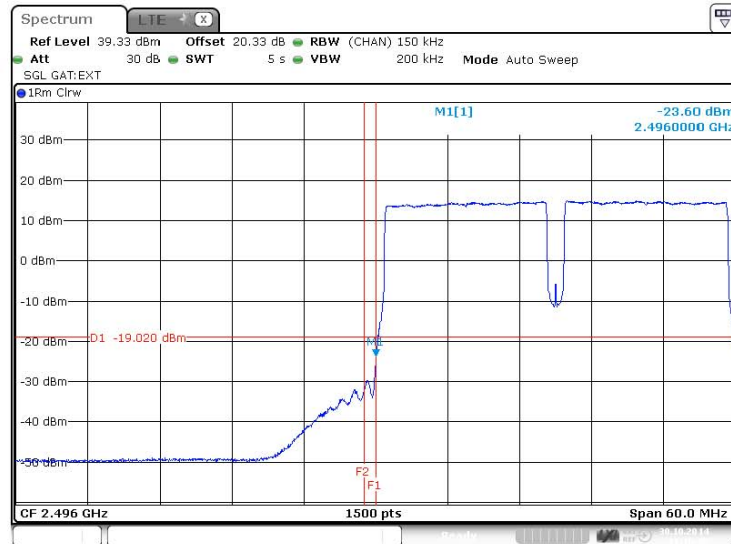


Product Service

FCC ID:  
VBNFWHD-01

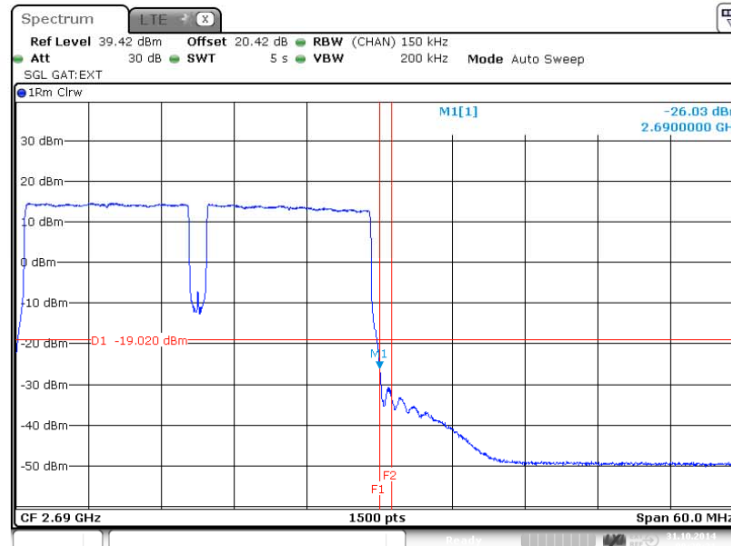
Test Report No:  
D522886124

**Config D ANT2/Main:**



Date: 30.OCT.2014 11:10:32

**Figure 167 Spurious Emissions (Lower Band Edge) – QPSK (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 09:29:22

**Figure 168 Spurious Emissions (Upper Band Edge) – QPSK (2667.5/2682.5 MHz) (15MHz Channel BW)**



Product Service

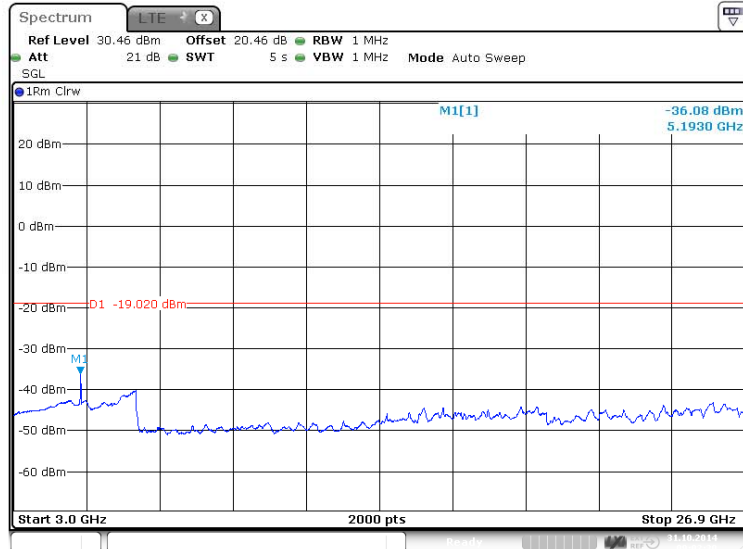
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 31.OCT.2014 09:03:47

**Figure 169 Spurious Emissions (9kHz – 3GHz) - QPSK (2585.5/2600.5 MHz) (15MHz Channel BW)**



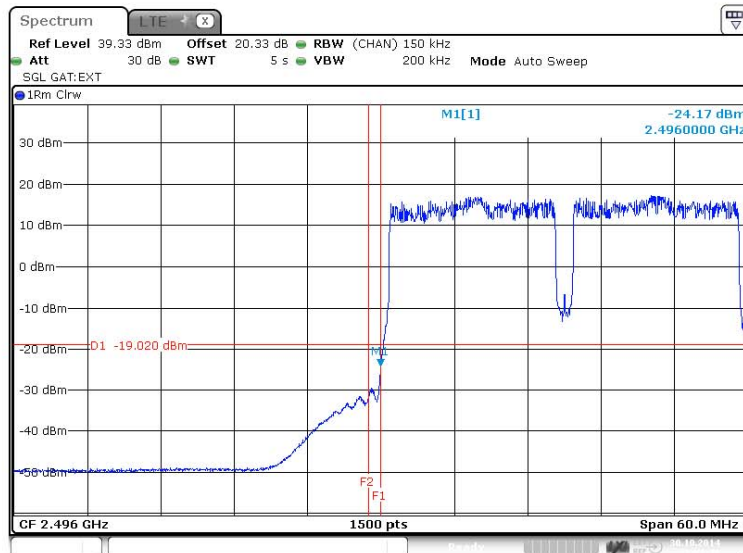
Date: 31.OCT.2014 09:02:31

**Figure 170 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2585.5/2600.5 MHz) (15MHz Channel BW)**



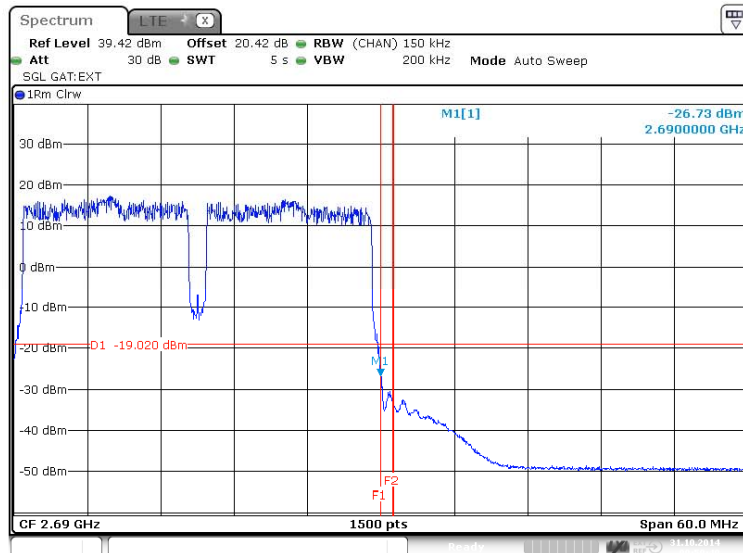
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 11:53:40

**Figure 171 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 09:50:40

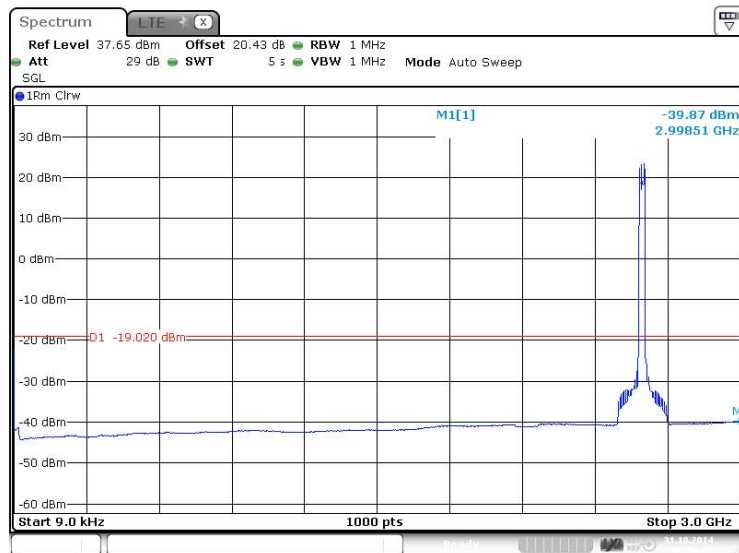
**Figure 172 Spurious Emissions (Upper Band Edge) – 16QAM (2667.5/2682.5 MHz) (15MHz Channel BW)**



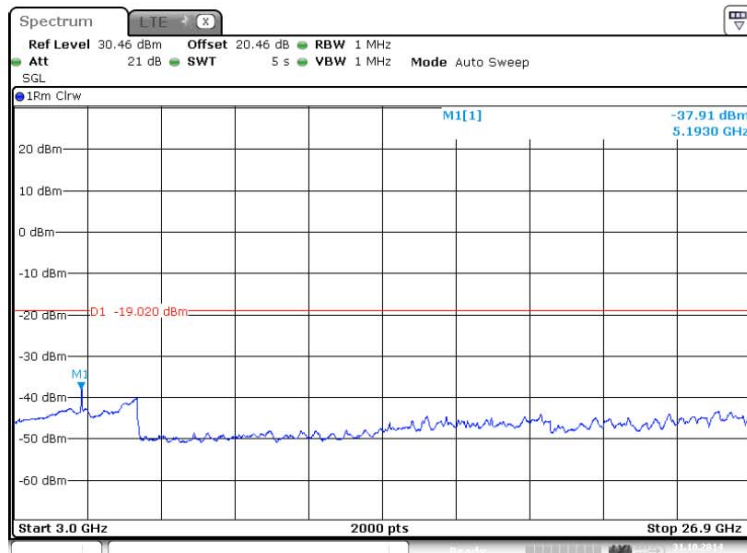


FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 173 Spurious Emissions (9kHz – 3GHz) – 16QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



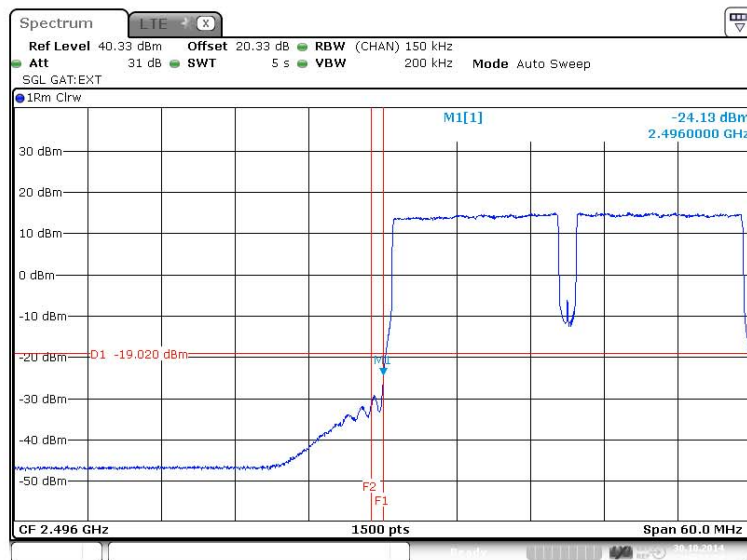
**Figure 174 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



Product Service

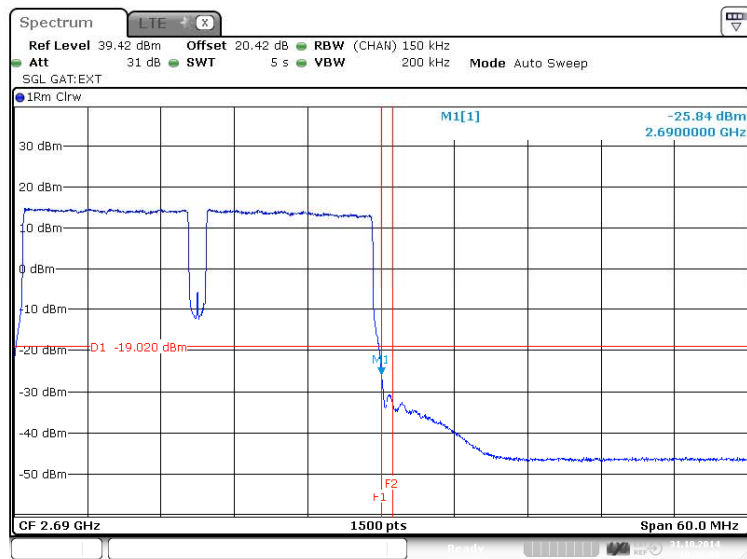
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 13:12:28

**Figure 175 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 10:36:00

**Figure 176 Spurious Emissions (Upper Band Edge) – 64QAM ((2667.5/2682.5 MHz) (15MHz Channel BW)**



Product Service

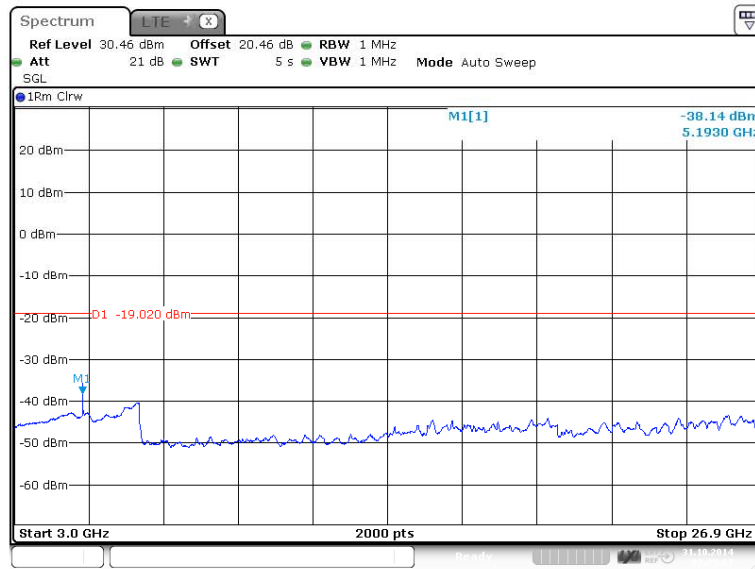
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 31.OCT.2014 07:27:25

**Figure 177 Spurious Emissions (9kHz – 3GHz) – 64QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 07:25:08

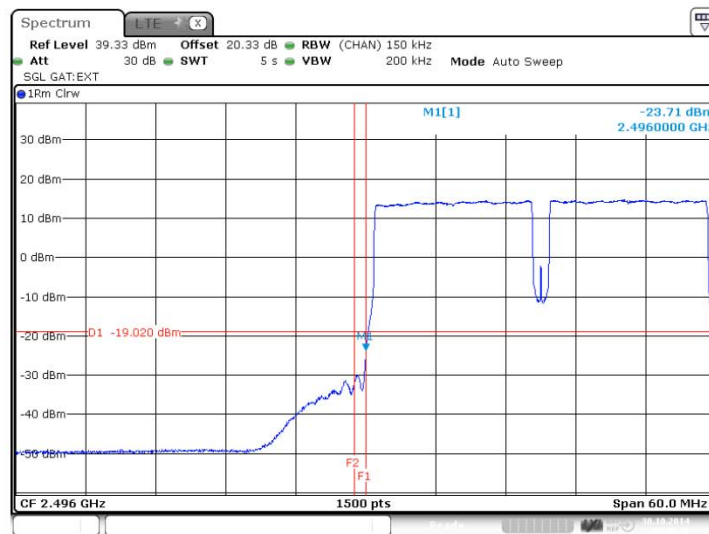
**Figure 178 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



FCC ID:  
VBNFWHD-01

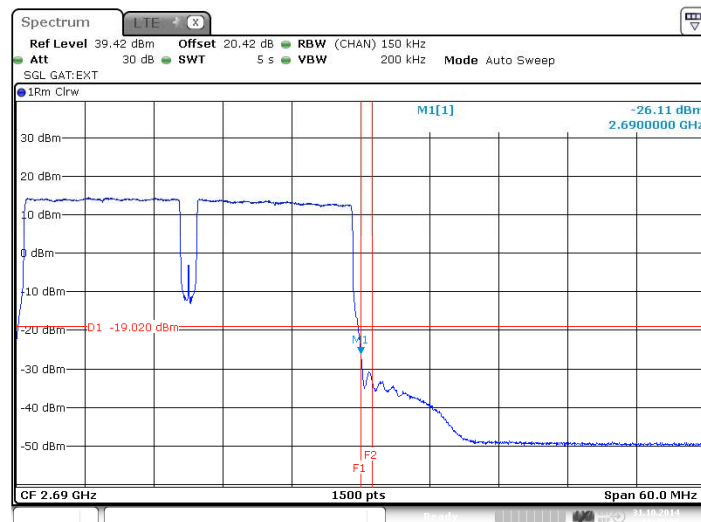
Test Report No:  
D522886124

**Config D ANT2/Div:**



Date: 30.OCT.2014 14:10:21

**Figure 179 Spurious Emissions (Lower Band Edge) – QPSK (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 11:48:06

**Figure 180 Spurious Emissions (Upper Band Edge) – QPSK ((2667.5/2682.5 MHz) (15MHz Channel BW)**



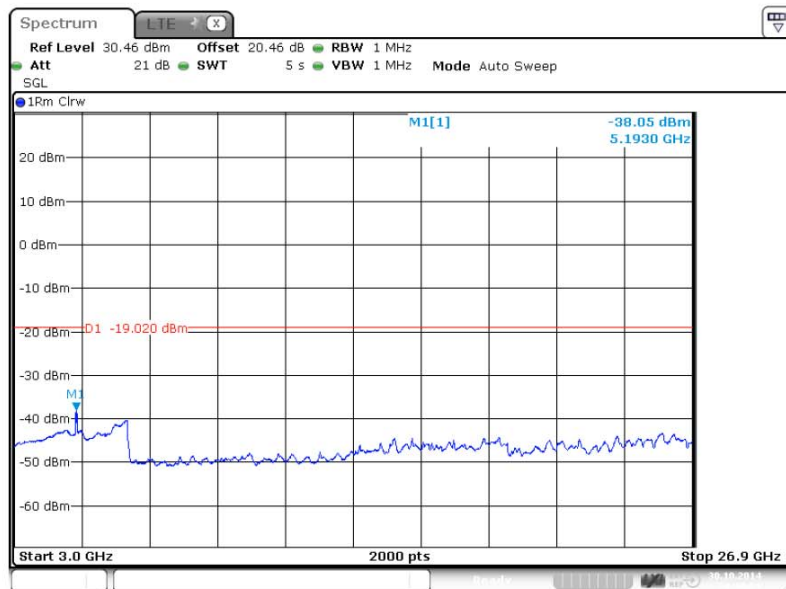
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 14:46:18

**Figure 181 Spurious Emissions (9kHz – 3GHz) - QPSK (2585.5/2600.5 MHz) (15MHz Channel BW)**



Date: 30.OCT.2014 14:48:51

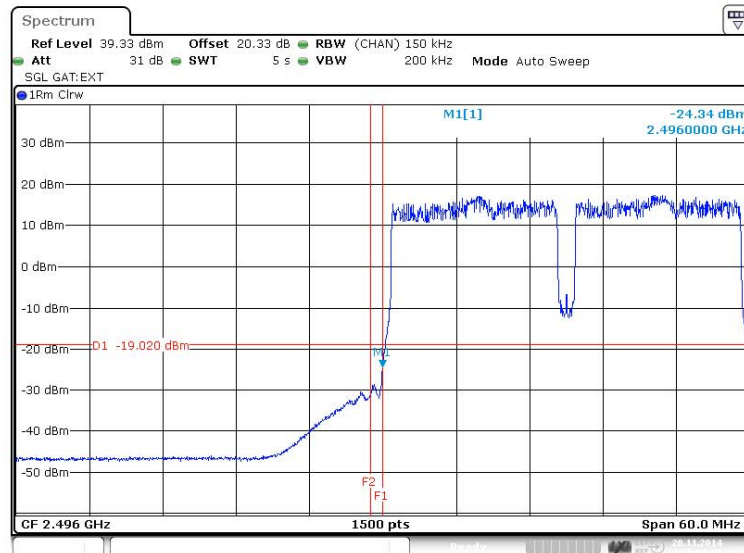
**Figure 182 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2585.5/2600.5 MHz) (15MHz Channel BW)**



Product Service

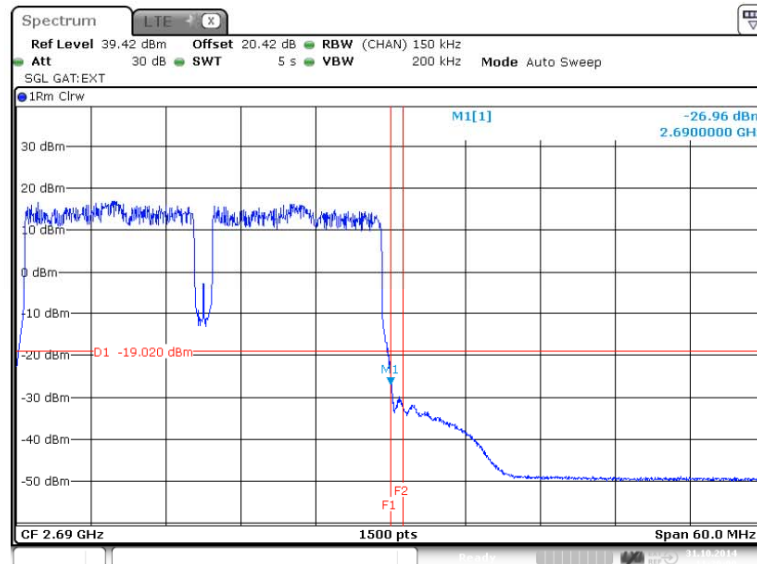
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 20.NOV.2014 16:51:50

**Figure 183 Spurious Emissions (Lower Band Edge) – 16QAM (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 11:30:00

**Figure 184 Spurious Emissions (Upper Band Edge) – 16QAM ((2667.5/2682.5 MHz) (15MHz Channel BW)**



Product Service

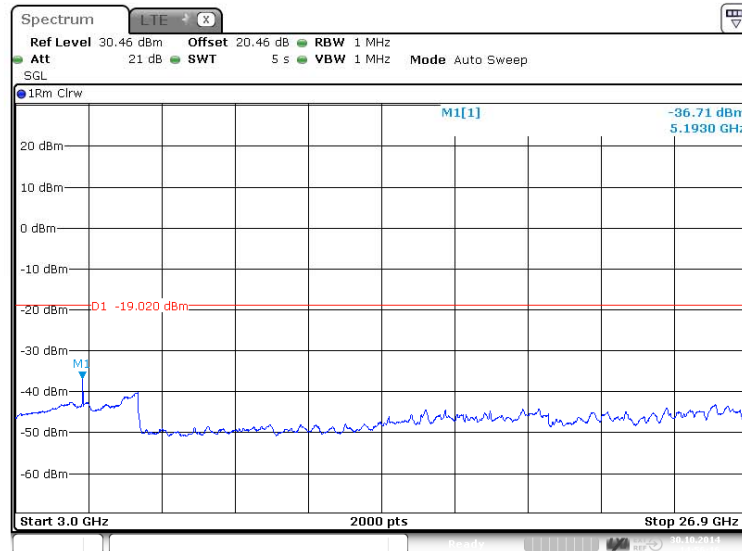
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 14:57:20

**Figure 185 Spurious Emissions (9kHz – 3GHz) – 16QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



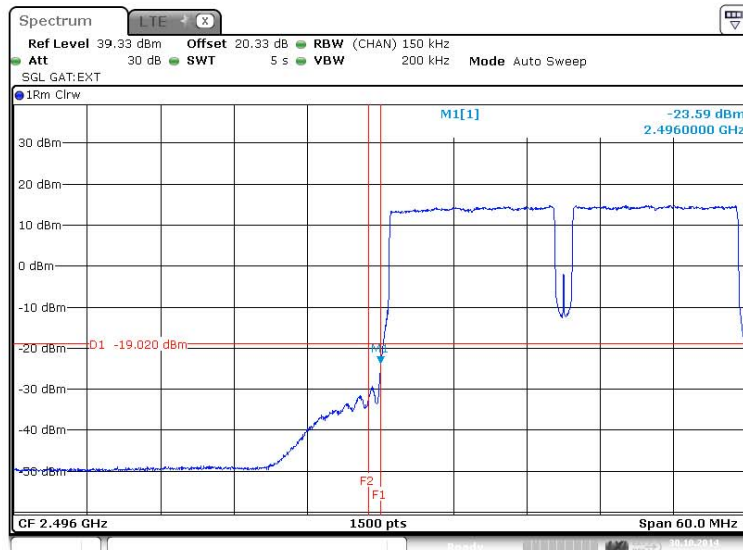
Date: 30.OCT.2014 14:56:16

**Figure 186 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



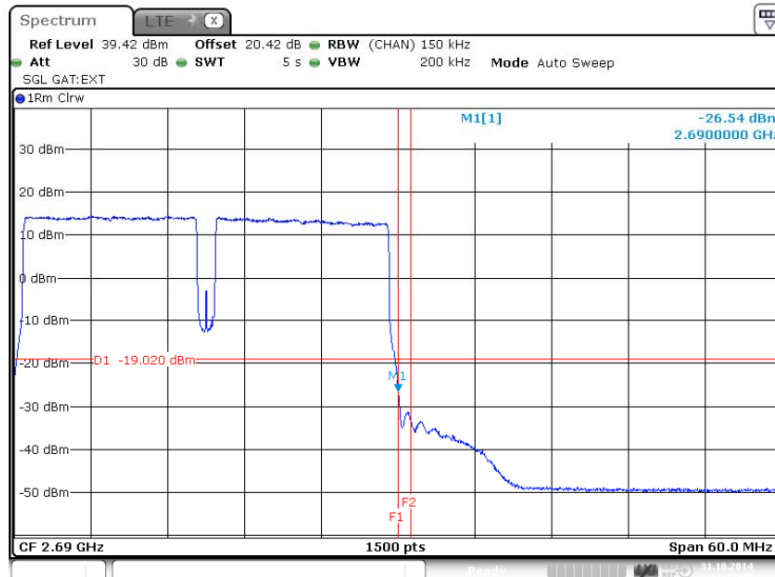
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 13:34:20

**Figure 187 Spurious Emissions (Lower Band Edge) – 64QAM (2503.5/2518.5 MHz) (15MHz Channel BW)**



Date: 31.OCT.2014 11:15:00

**Figure 188 Spurious Emissions (Upper Band Edge) – 64QAM ((2667.5/2682.5 MHz) (15MHz Channel BW)**





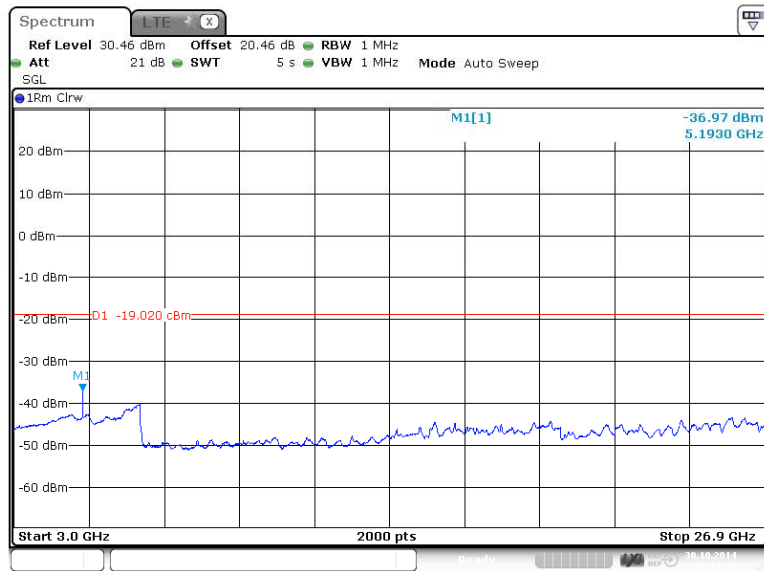
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 30.OCT.2014 15:09:55

**Figure 189 Spurious Emissions (9kHz – 3GHz) – 64QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



Date: 30.OCT.2014 15:12:30

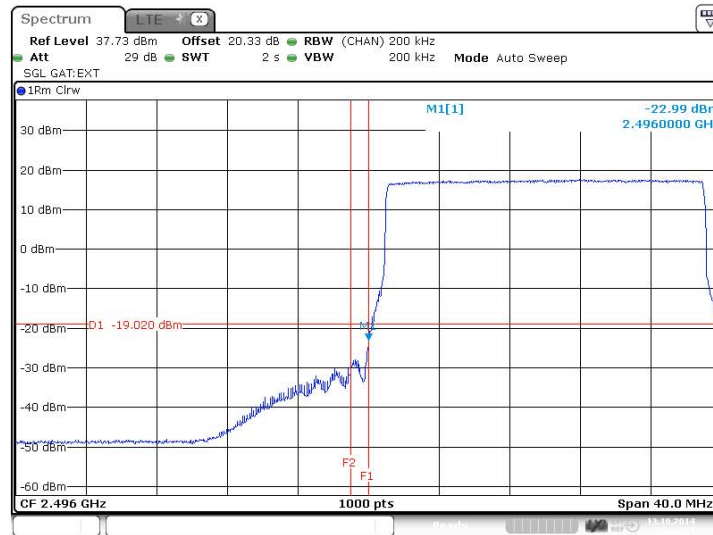
**Figure 190 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2585.5/2600.5 MHz) (15MHz Channel BW)**



FCC ID:  
VBNFWHD-01

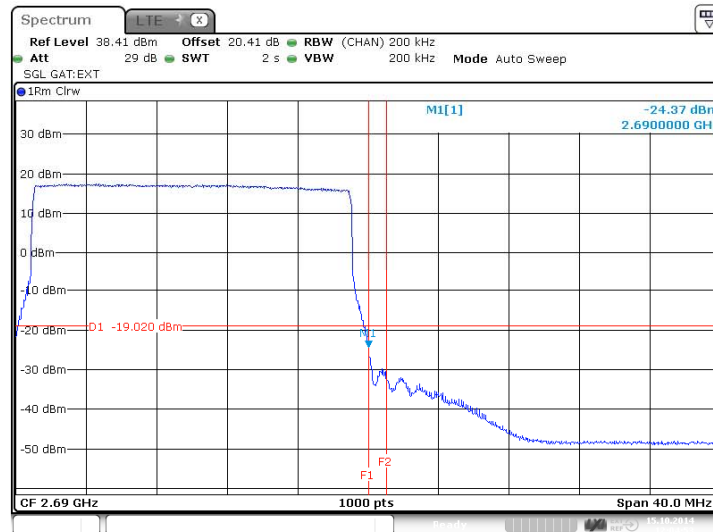
Test Report No:  
D522886124

**Config E ANT1/Main:**



Date: 13.OCT.2014 12:02:28

**Figure 191 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)**



Date: 15.OCT.2014 12:04:53

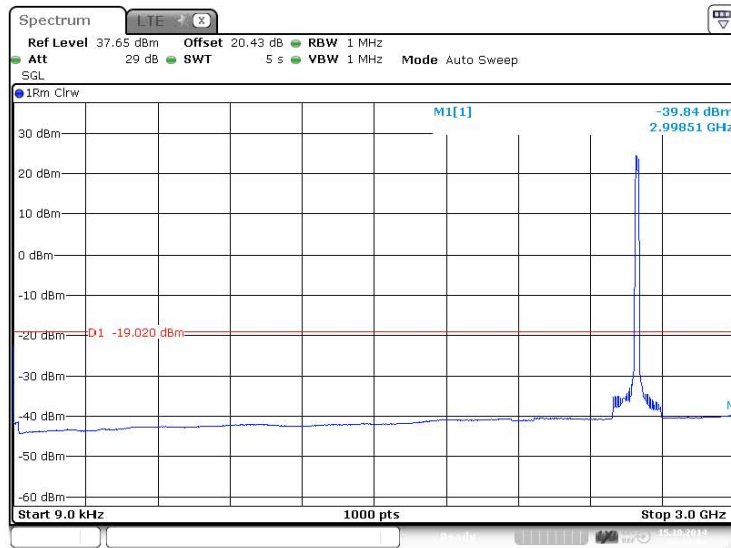
**Figure 192 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)**



Product Service

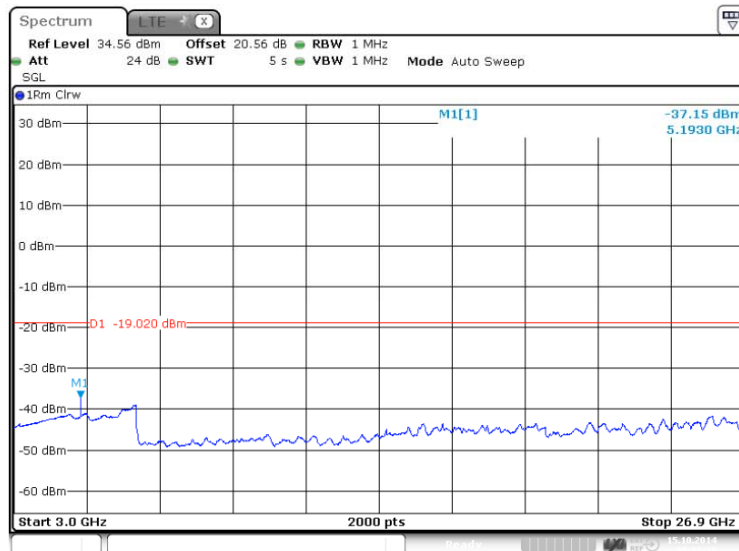
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 15.OCT.2014 09:31:05

**Figure 193 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (20MHz Channel BW)**



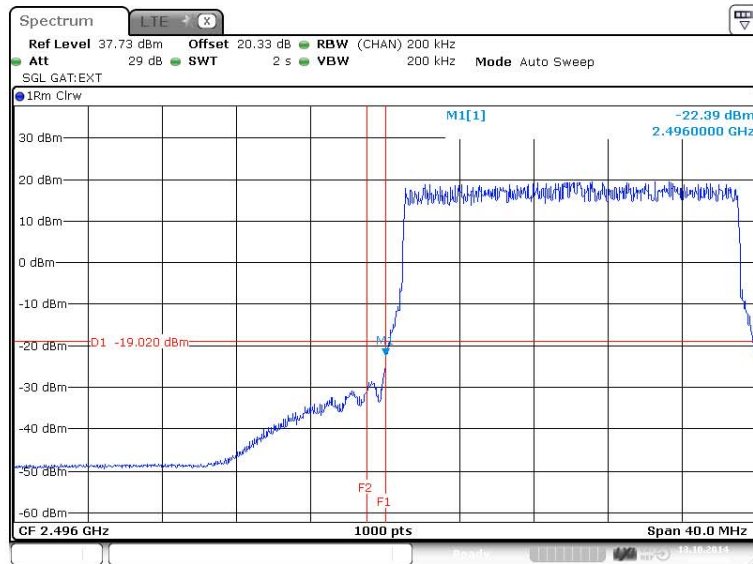
Date: 15.OCT.2014 09:32:38

**Figure 194 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)**



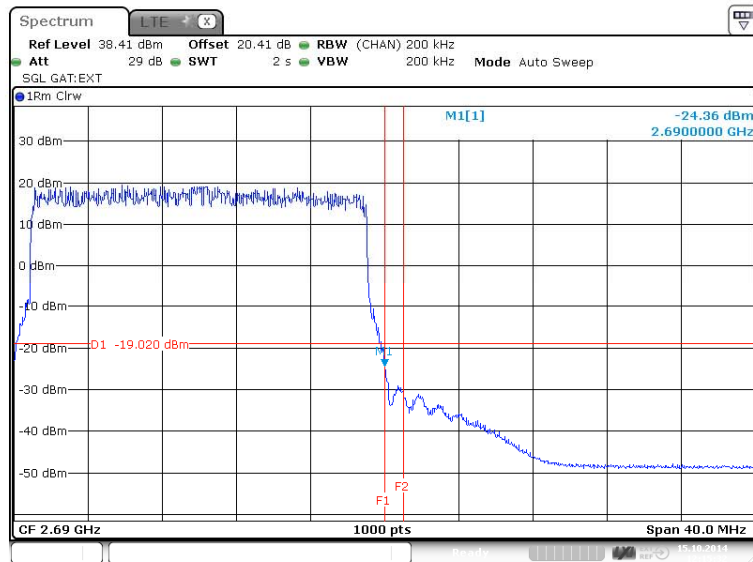
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 13.OCT.2014 13:03:38

**Figure 195 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz) (20MHz Channel BW)**



Date: 15.OCT.2014 12:15:32

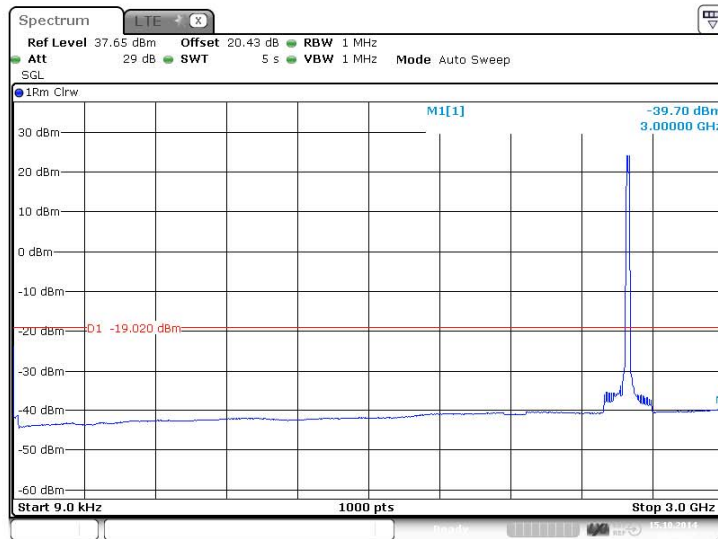
**Figure 196 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz) (20MHz Channel BW)**



Product Service

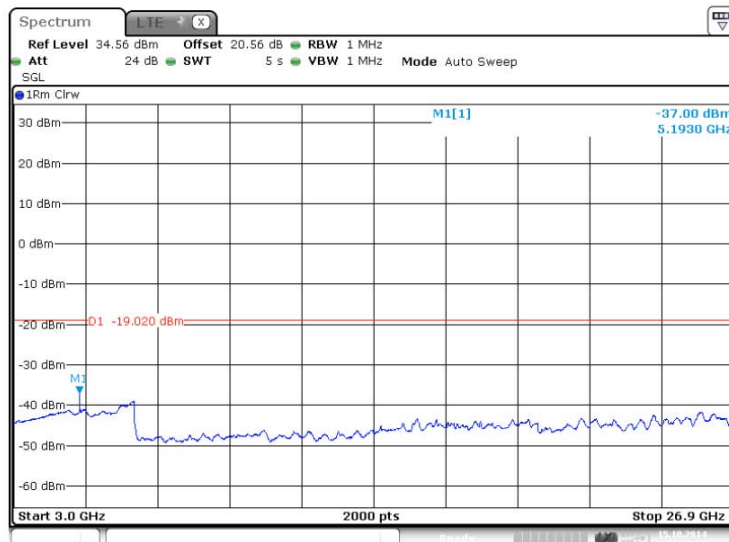
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 15.OCT.2014 10:43:33

Figure 197 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



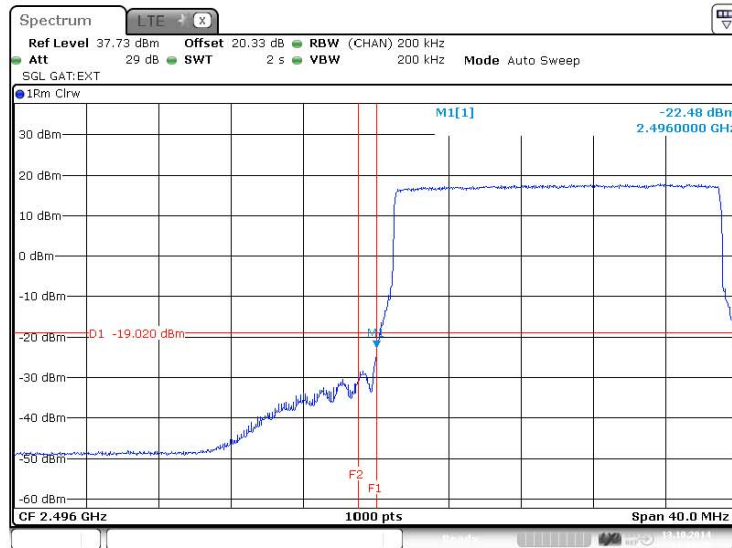
Date: 15.OCT.2014 09:43:57

Figure 198 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)



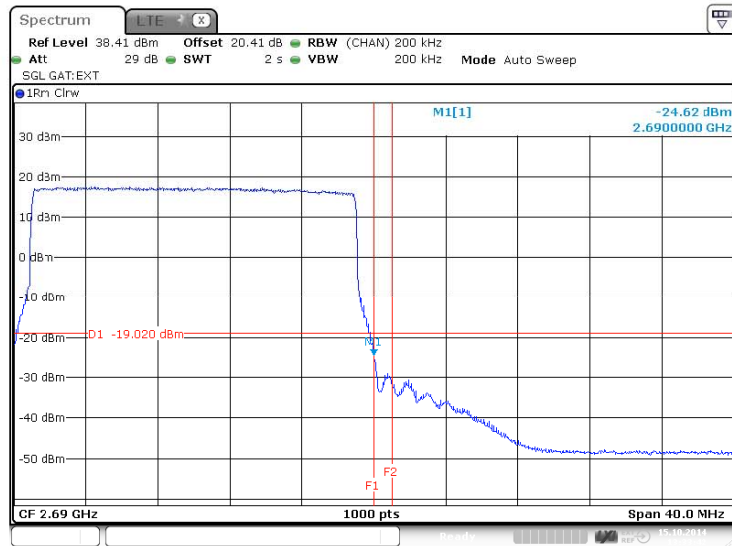
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 13.OCT.2014 13:16:21

**Figure 199 Spurious Emissions (Lower Band Edge) – 64QAM (2506.0 MHz) (20MHz Channel BW)**



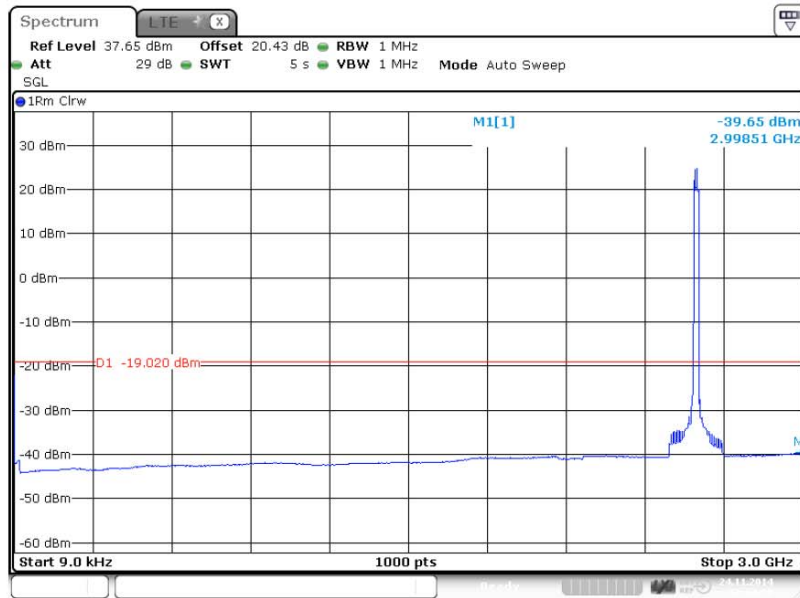
Date: 15.OCT.2014 13:33:42

**Figure 200 Spurious Emissions (Upper Band Edge) – 64QAM (2680.0 MHz) (20MHz Channel BW)**



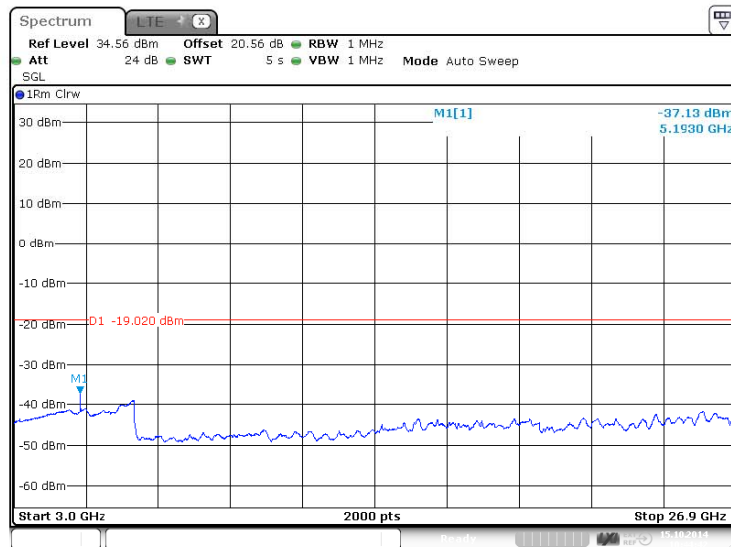
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 24.NOV.2014 16:34:59

**Figure 201 Spurious Emissions (9kHz – 3GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)**



Date: 15.OCT.2014 10:44:42

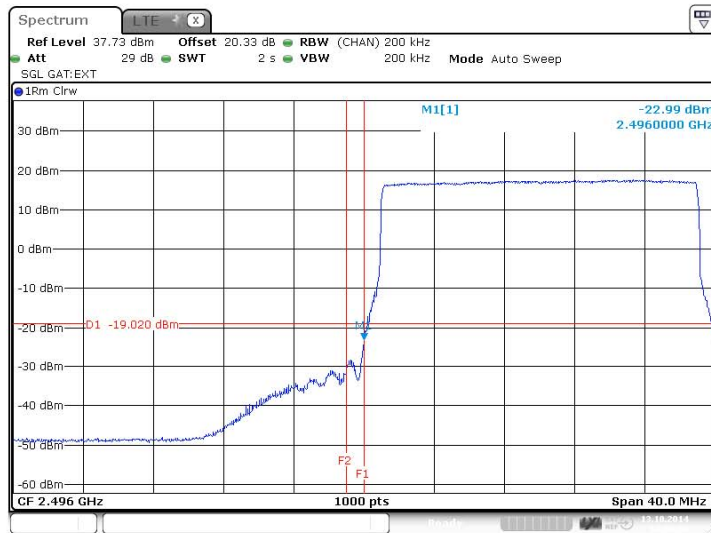
**Figure 202 Spurious Emissions (3GHz – 26.900GHz) – 64QAM (2593.0 MHz) (20MHz Channel BW)**



FCC ID:  
VBNFWHD-01

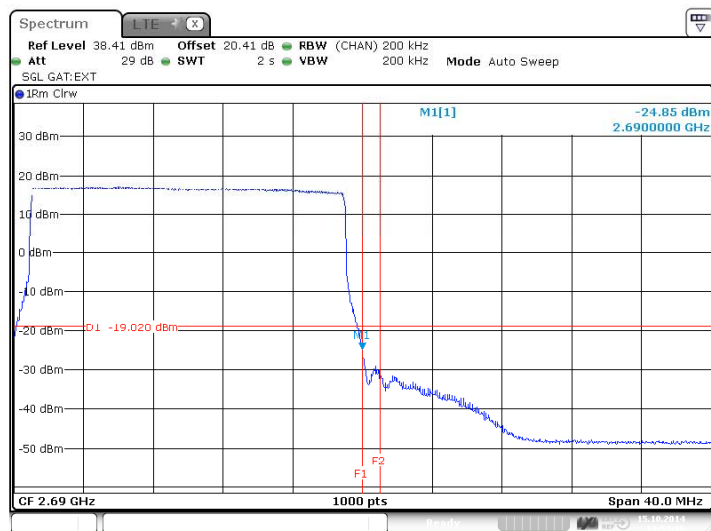
Test Report No:  
D522886124

**Config E ANT1/Div:**



Date: 13.OCT.2014 14:07:36

**Figure 203 Spurious Emissions (Lower Band Edge) – QPSK (2506.0 MHz) (20MHz Channel BW)**



Date: 15.OCT.2014 13:53:17

**Figure 204 Spurious Emissions (Upper Band Edge) – QPSK (2680.0 MHz) (20MHz Channel BW)**

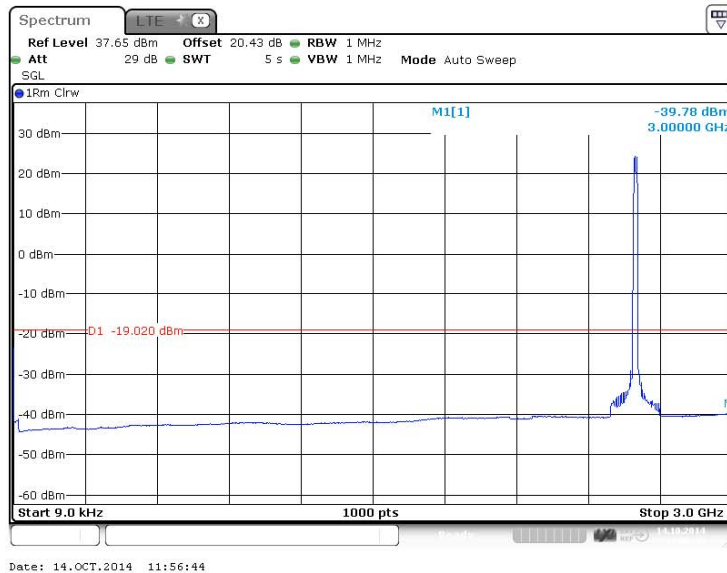




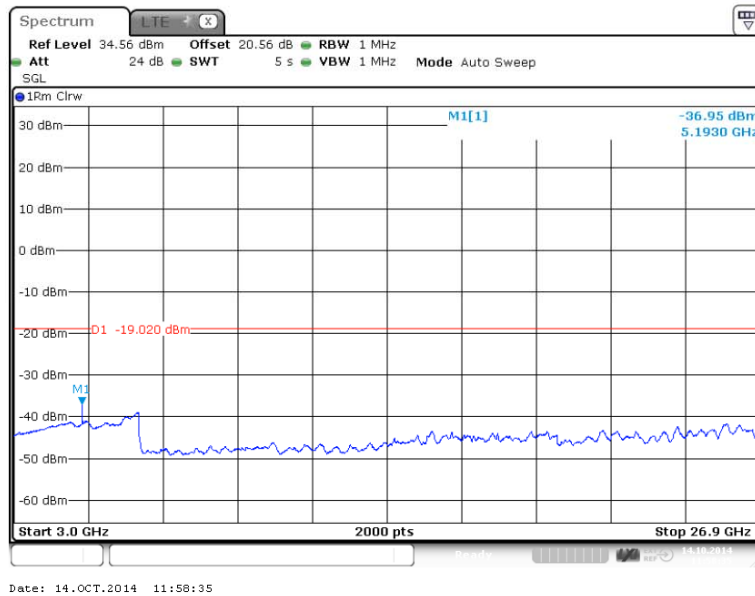
Product Service

FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



**Figure 205 Spurious Emissions (9kHz – 3GHz) - QPSK (2593.0 MHz) (20MHz Channel BW)**

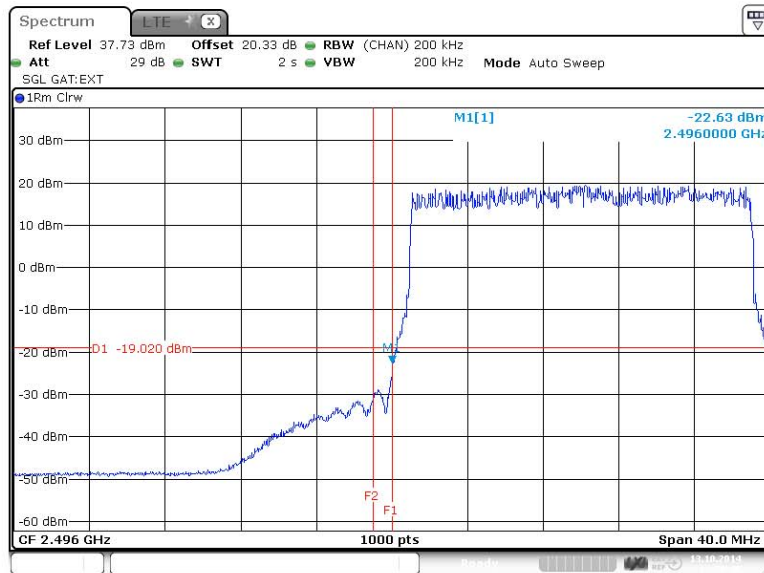


**Figure 206 Spurious Emissions (3GHz – 26.900GHz) – QPSK (2593.0 MHz) (20MHz Channel BW)**



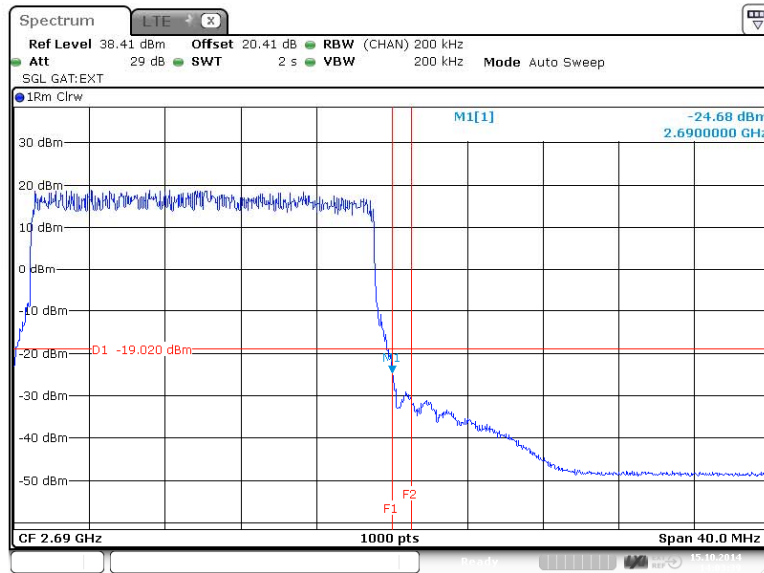
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 13.OCT.2014 13:50:40

**Figure 207 Spurious Emissions (Lower Band Edge) – 16QAM (2506.0 MHz) (20MHz Channel BW)**



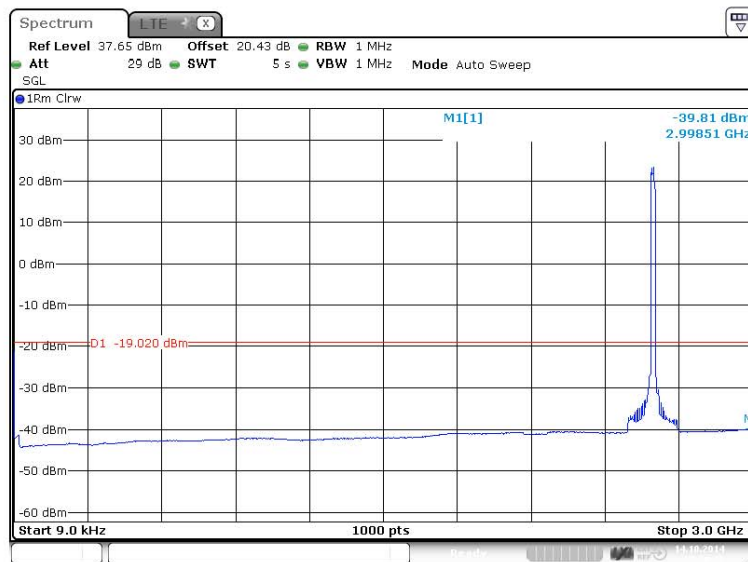
Date: 15.OCT.2014 14:03:39

**Figure 208 Spurious Emissions (Upper Band Edge) – 16QAM (2680.0 MHz) (20MHz Channel BW)**



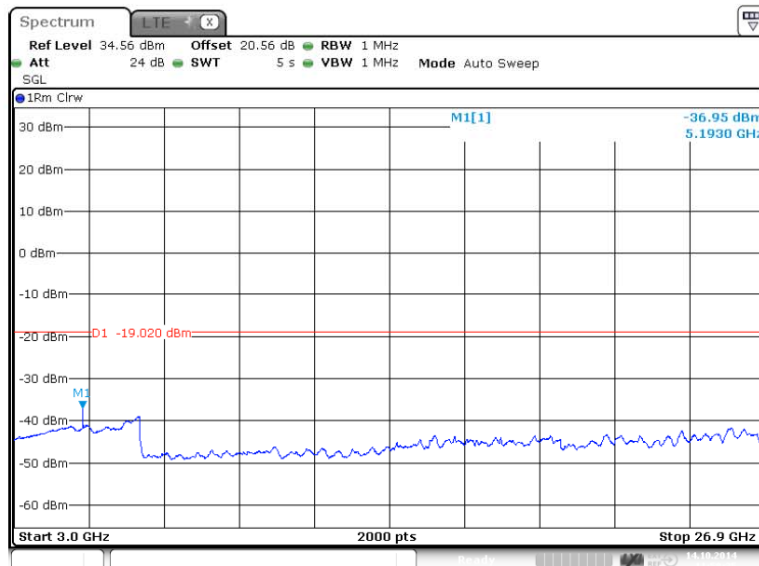
FCC ID:  
VBNFWHD-01

Test Report No:  
D522886124



Date: 14.OCT.2014 12:10:26

**Figure 209 Spurious Emissions (9kHz – 3GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)**



Date: 14.OCT.2014 11:58:35

**Figure 210 Spurious Emissions (3GHz – 26.900GHz) – 16QAM (2593.0 MHz) (20MHz Channel BW)**