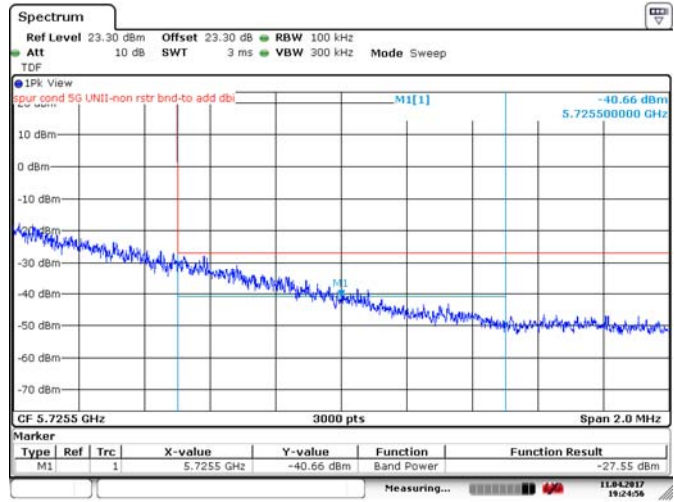


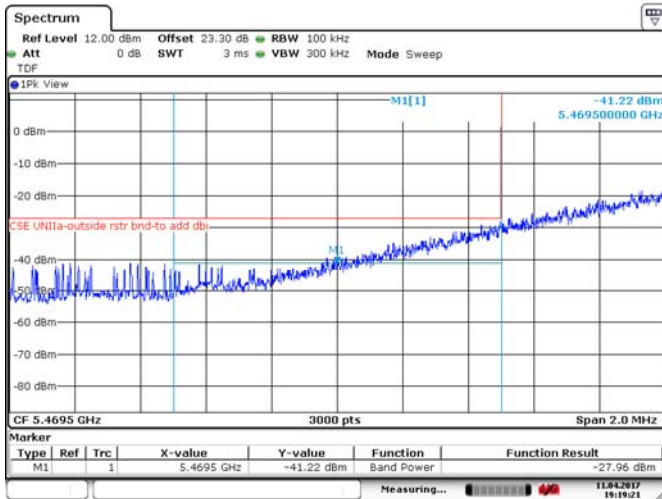
Date: 11.APR.2017 19:18:24

Figure 8.4-157: Lower band edge for FCC, 10 MHz channel, 24 dB antenna, BPSK



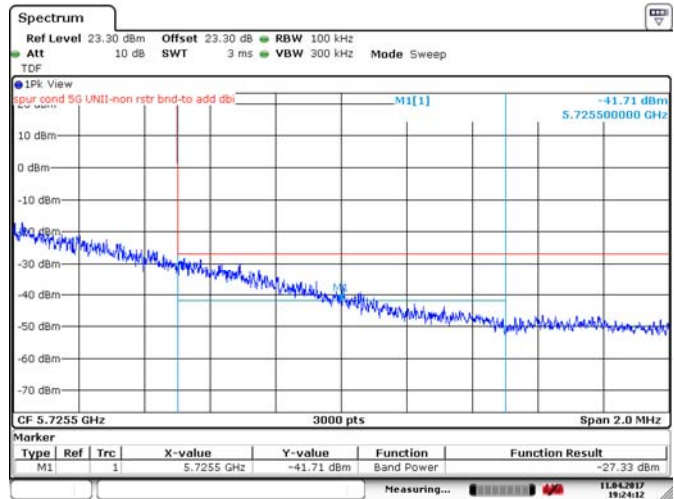
Date: 11.APR.2017 19:24:56

Figure 8.4-158: Upper band edge for FCC, 10 MHz channel, 24 dB antenna, BPSK



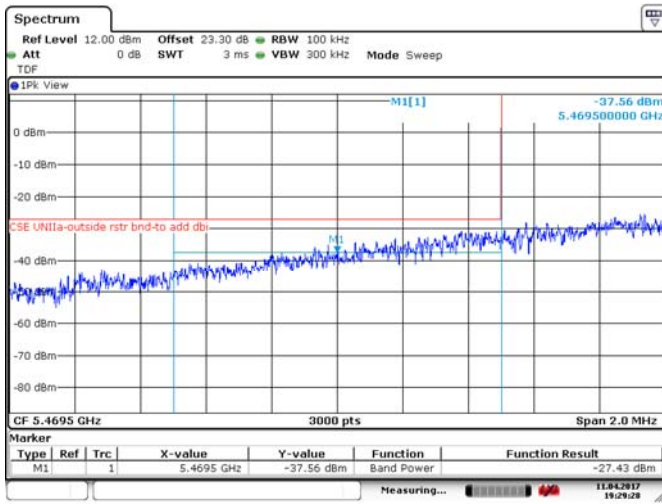
Date: 11.APR.2017 19:19:22

Figure 8.4-159: Lower band edge for FCC, 10 MHz channel, 24 dB antenna, 256QAM



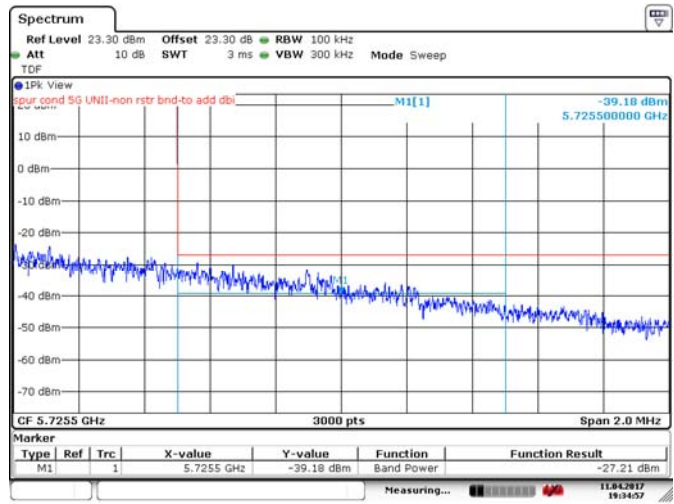
Date: 11.APR.2017 19:24:12

Figure 8.4-160: Upper band edge for FCC, 10 MHz channel, 24 dB antenna, 256QAM



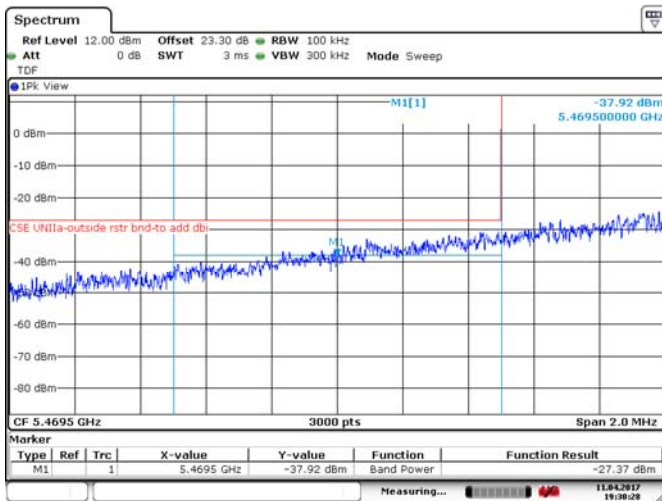
Date: 11.APR.2017 19:29:29

Figure 8.4-161: Lower band edge for FCC, 20 MHz channel, 24 dBi antenna, BPSK



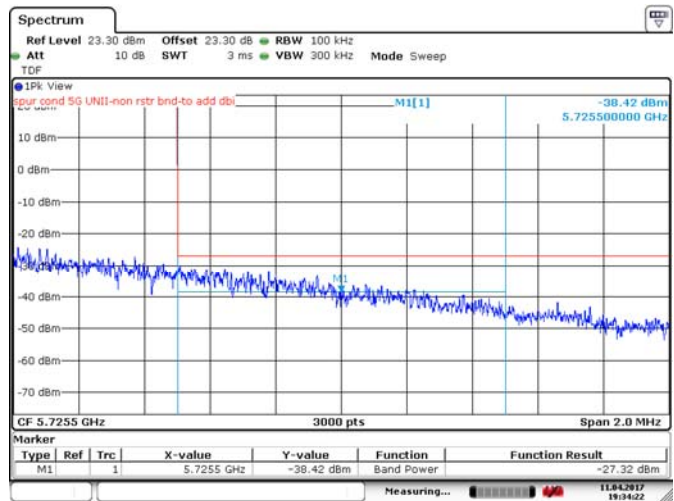
Date: 11.APR.2017 19:34:57

Figure 8.4-162: Upper band edge for FCC, 20 MHz channel, 24 dBi antenna, BPSK



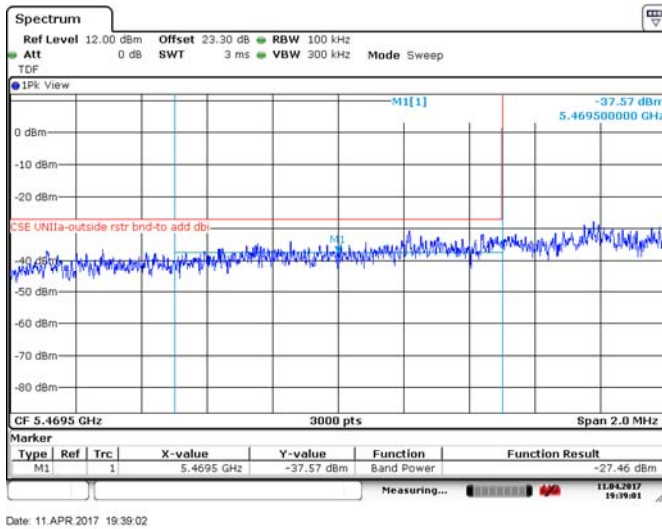
Date: 11.APR.2017 19:30:28

Figure 8.4-163: Lower band edge for FCC, 20 MHz channel, 24 dBi antenna, 256QAM



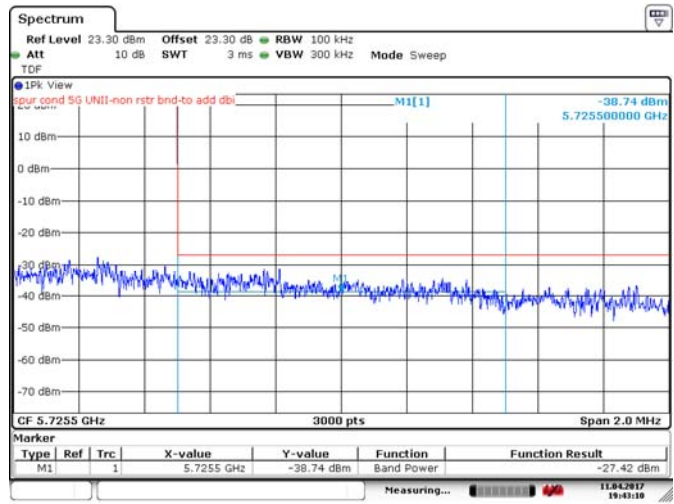
Date: 11.APR.2017 19:34:23

Figure 8.4-164: Upper band edge for FCC, 20 MHz channel, 24 dBi antenna, 256QAM



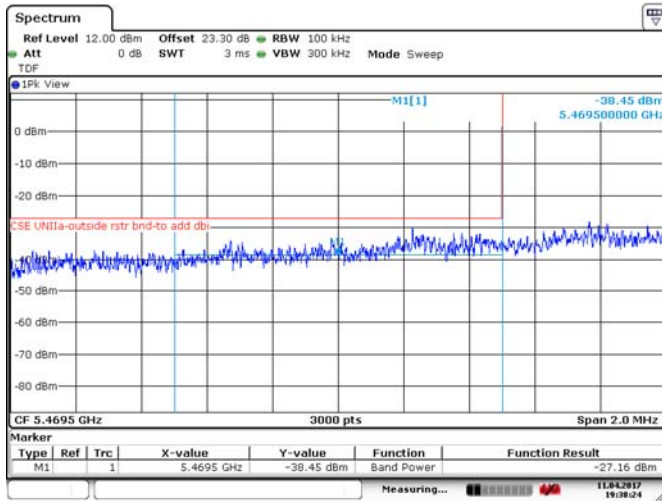
Date: 11.APR.2017 19:39:02

Figure 8.4-165: Lower band edge for FCC, 40 MHz channel, 24 dBi antenna, BPSK



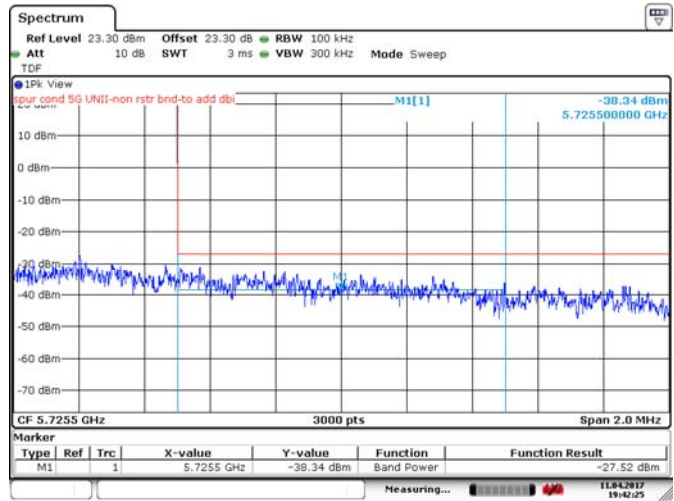
Date: 11.APR.2017 19:43:10

Figure 8.4-166: Upper band edge for FCC, 40 MHz channel, 24 dBi antenna, BPSK



Date: 11.APR.2017 19:38:24

Figure 8.4-167: Lower band edge for FCC, 40 MHz channel, 24 dBi antenna, 256QAM



Date: 11.APR.2017 19:42:25

Figure 8.4-168: Upper band edge for FCC, 40 MHz channel, 24 dBi antenna, 256QAM

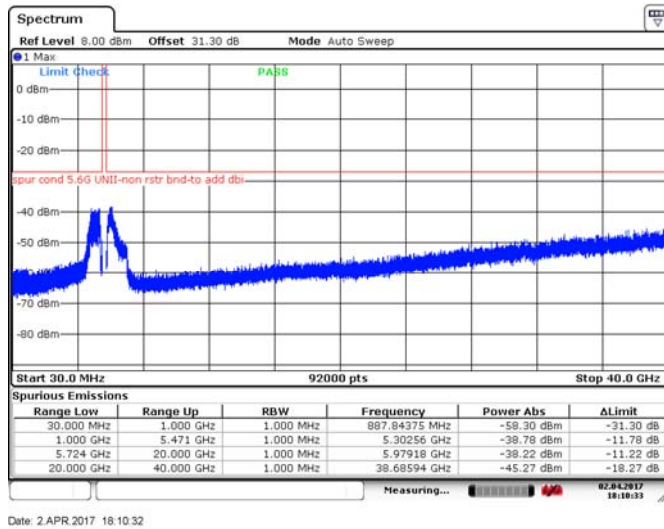


Figure 8.4-169: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK

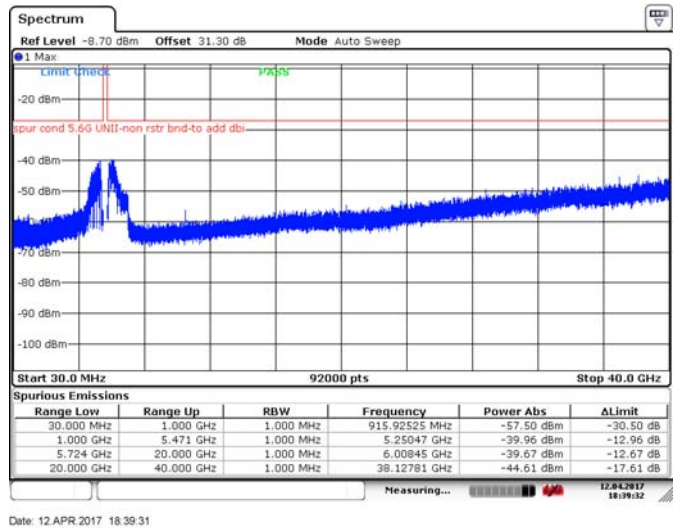


Figure 8.4-170: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

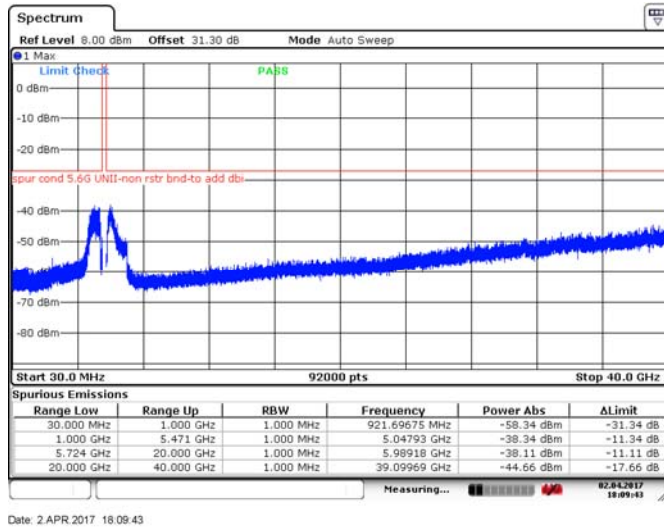


Figure 8.4-171: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

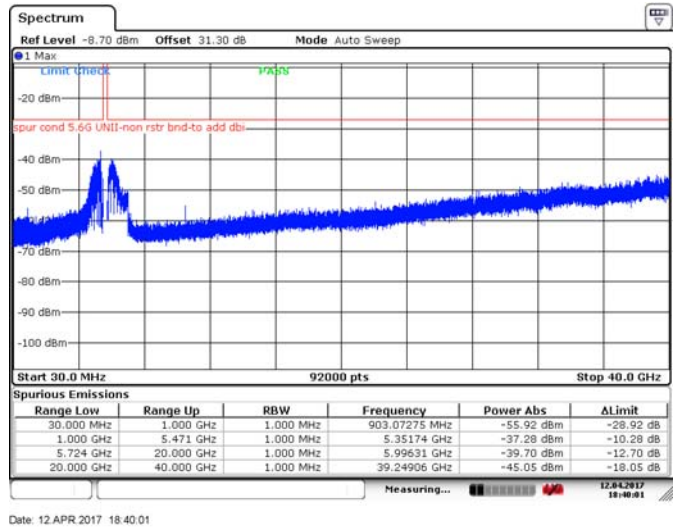


Figure 8.4-172: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

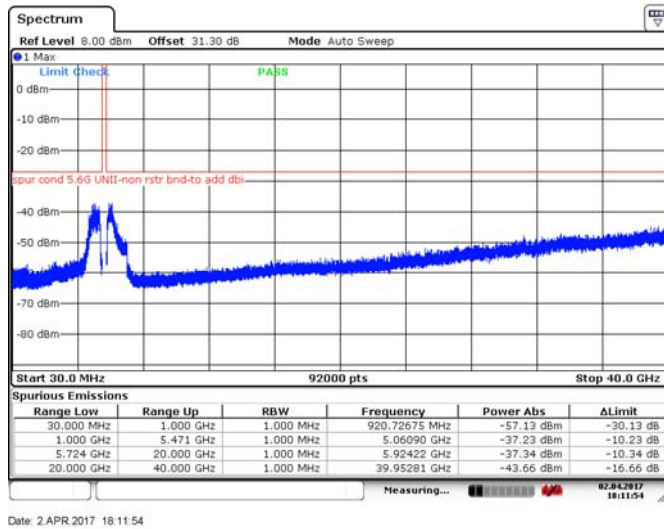


Figure 8.4-173: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK

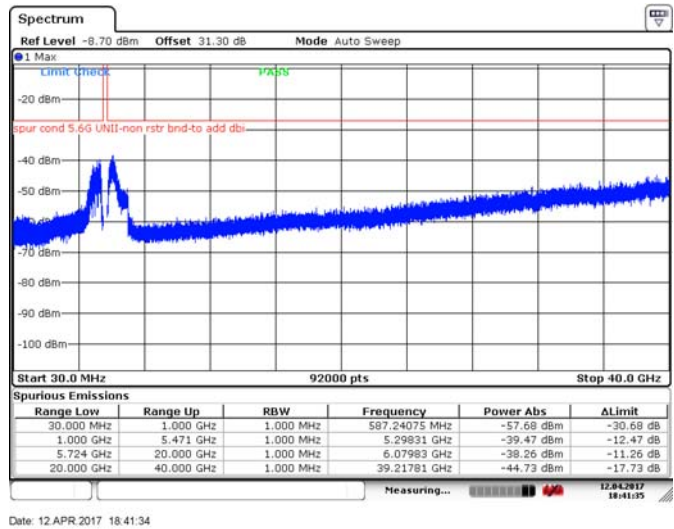


Figure 8.4-174: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK

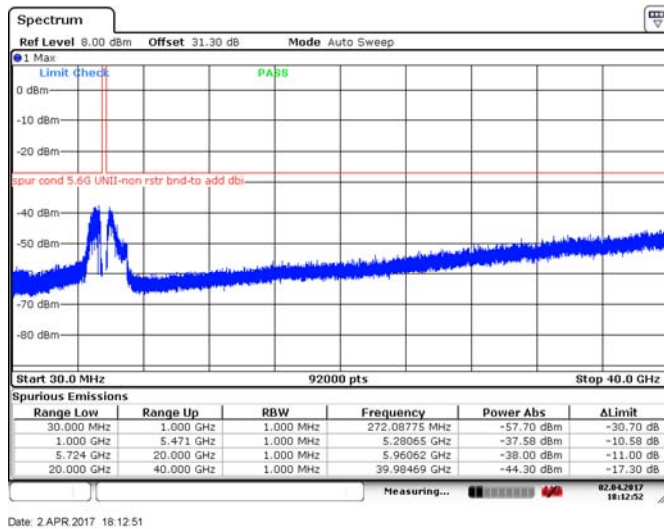


Figure 8.4-175: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM

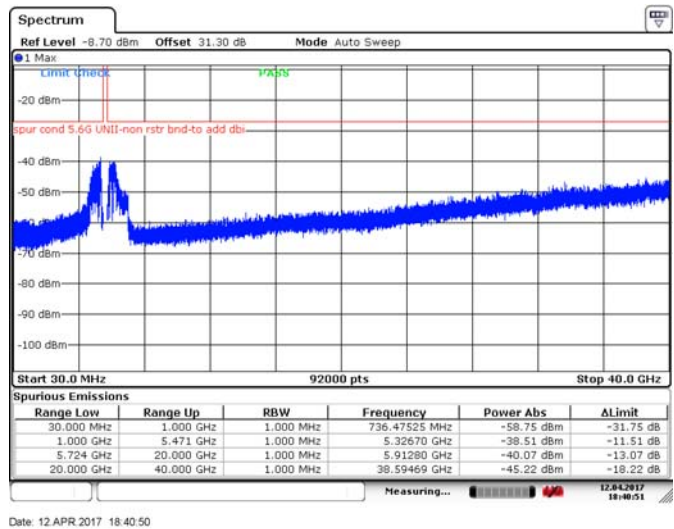


Figure 8.4-176: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM



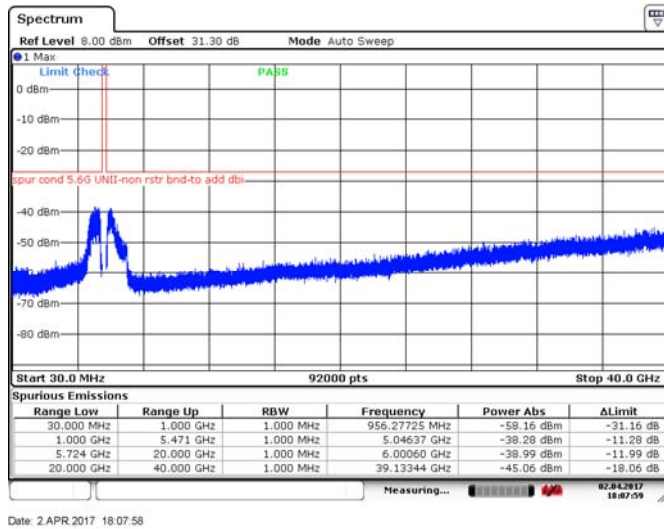


Figure 8.4-177: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, BPSK

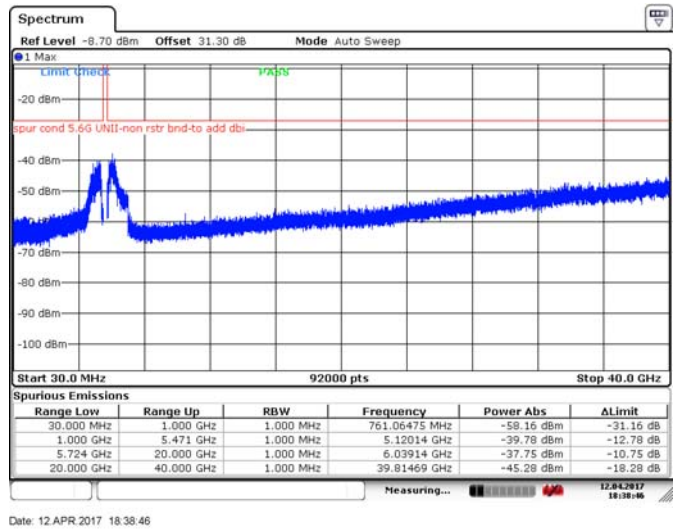


Figure 8.4-178: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, ch1, BPSK

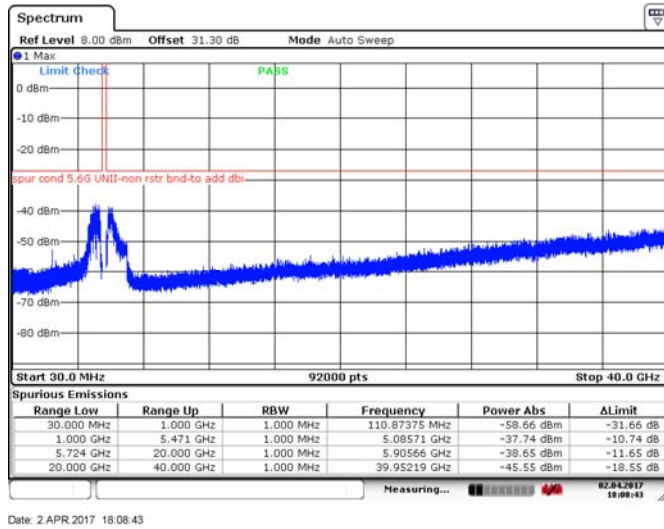


Figure 8.4-179: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

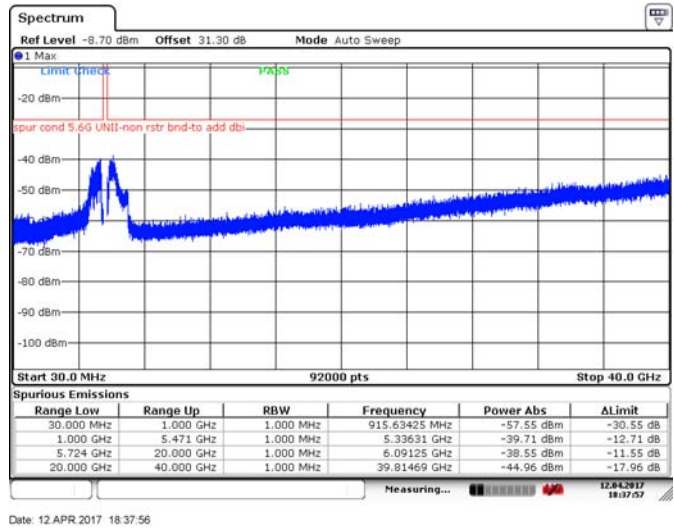
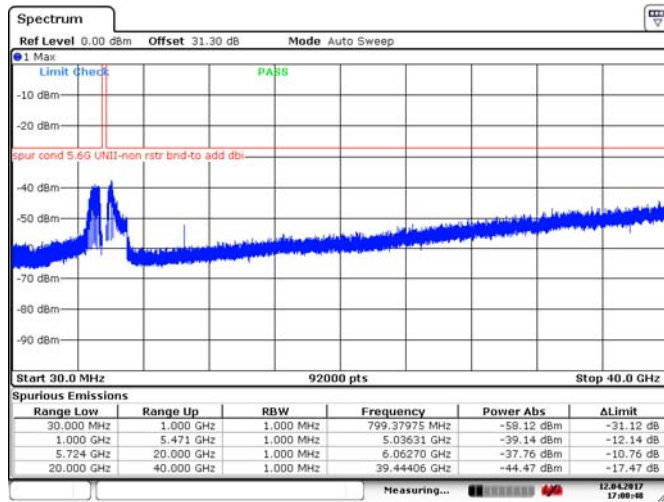
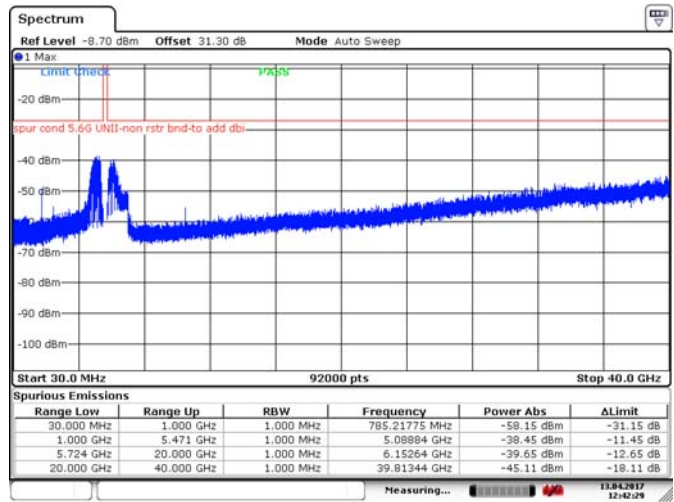


Figure 8.4-180: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM



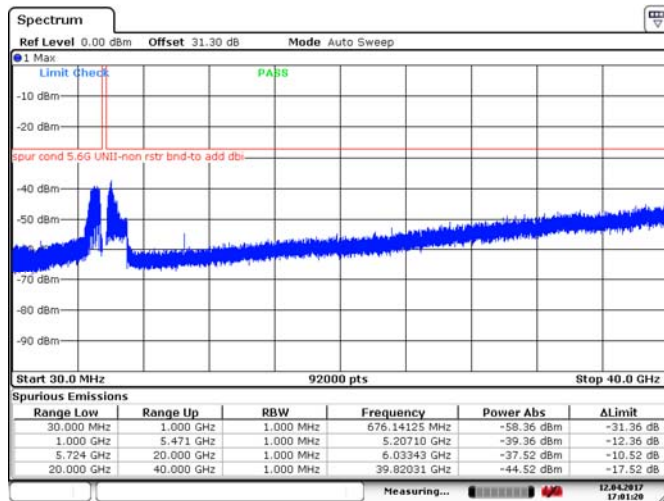
Date: 12.APR.2017 17:00:47

Figure 8.4-181: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, cho, BPSK



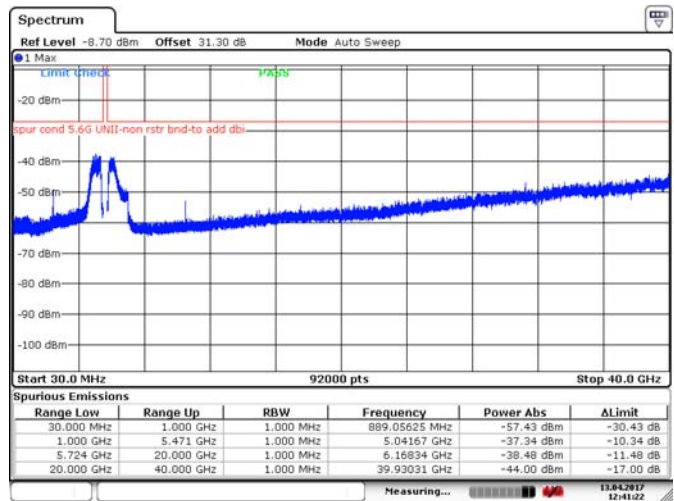
Date: 13.APR.2017 12:42:28

Figure 8.4-182: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, ch1, BPSK



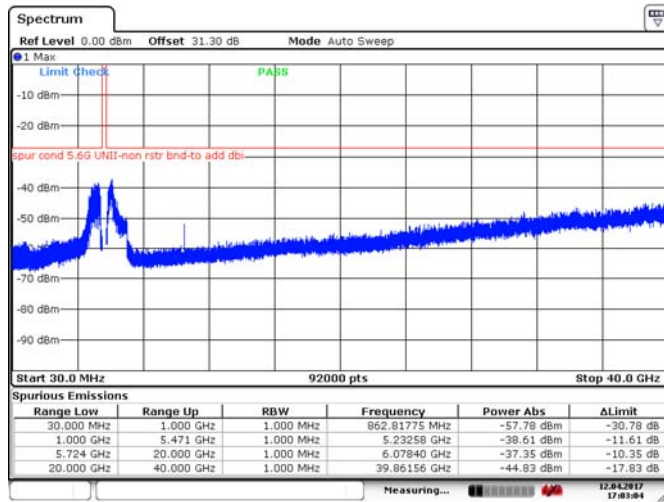
Date: 12.APR.2017 17:01:19

Figure 8.4-183: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, cho, 256QAM



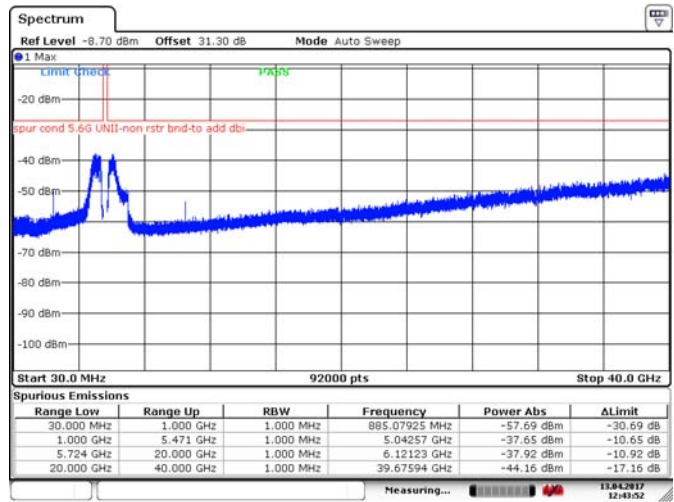
Date: 13.APR.2017 12:41:21

Figure 8.4-184: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM



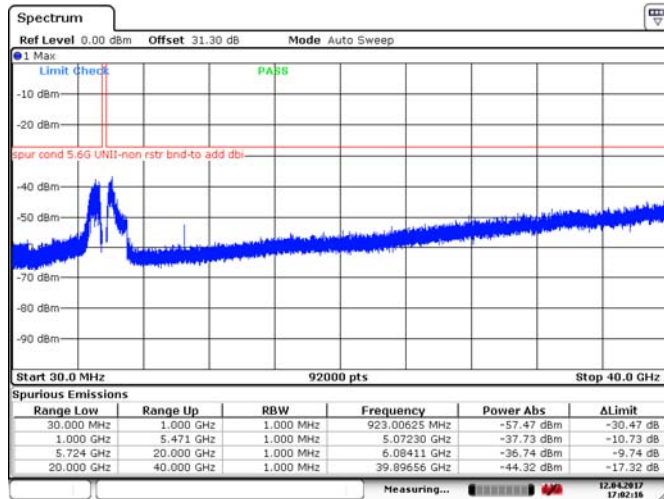
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Figure 8.4-185: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, cho, BPSK



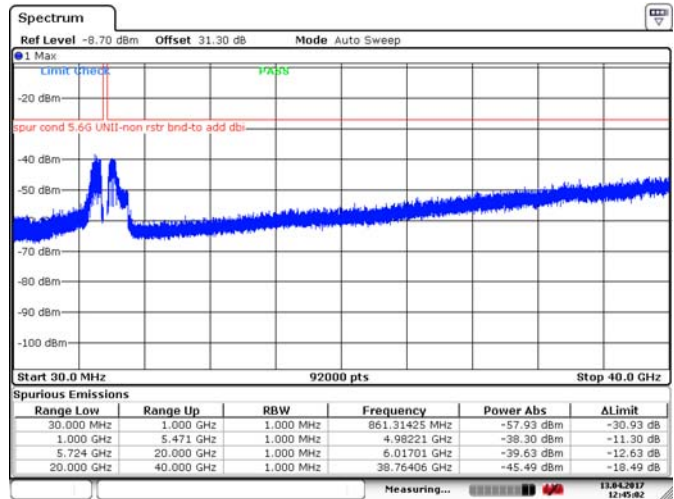
Date: 13.APR.2017 12:43:52

Figure 8.4-186: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK



Date: 12.APR.2017 17:02:16

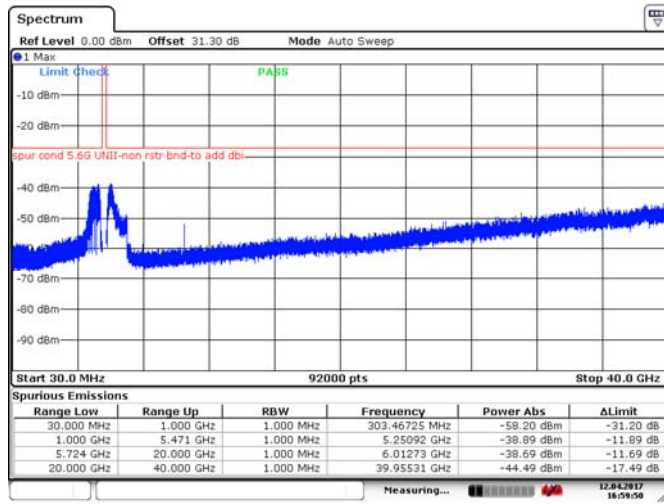
Figure 8.4-187: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM



Date: 13.APR.2017 12:45:01

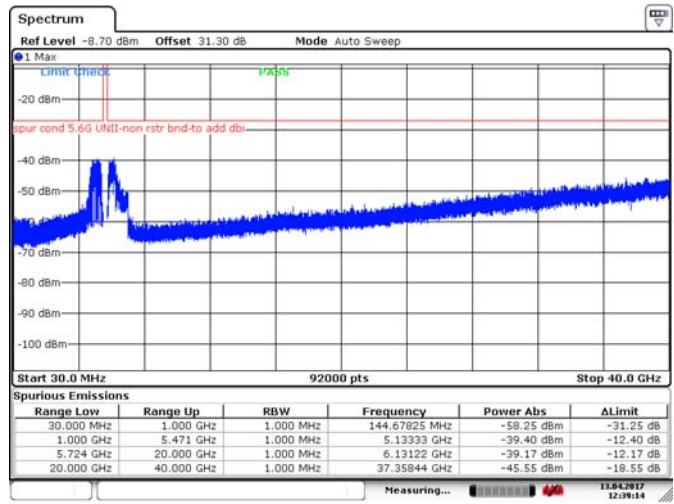
Figure 8.4-188: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM





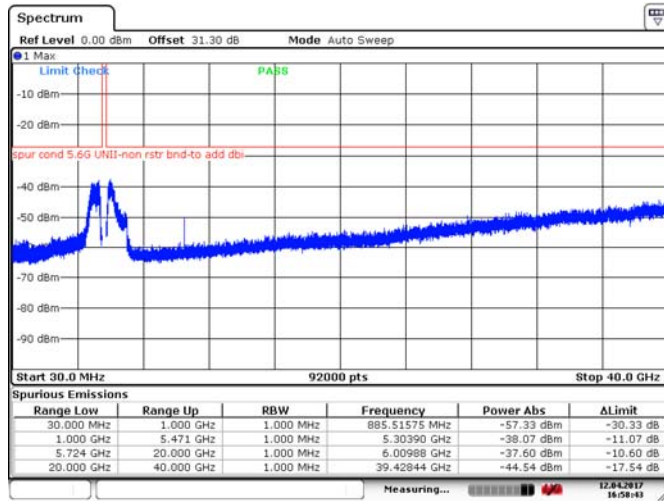
Date: 12.APR.2017 16:59:50

Figure 8.4-189: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, cho, BPSK



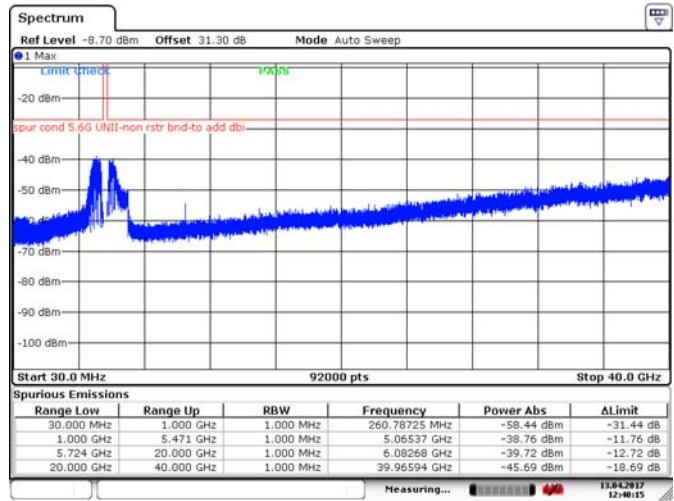
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Figure 8.4-190: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, ch1, BPSK



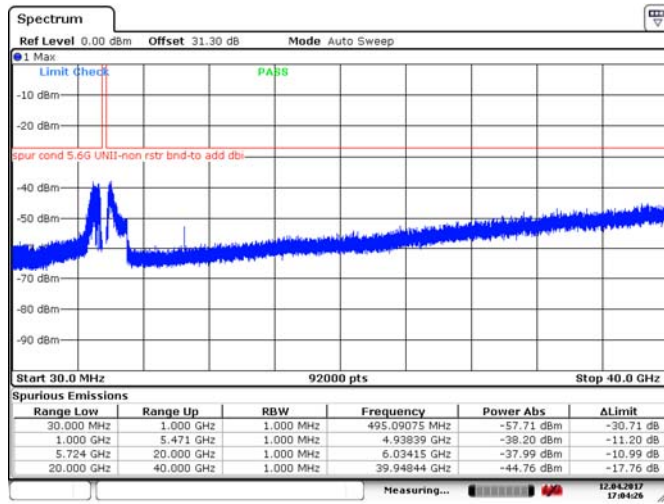
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Figure 8.4-191: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM



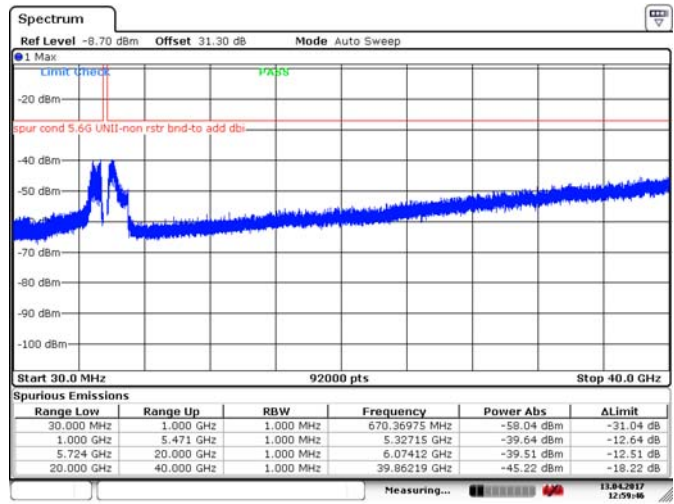
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Figure 8.4-192: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, ch1, 256-QAM



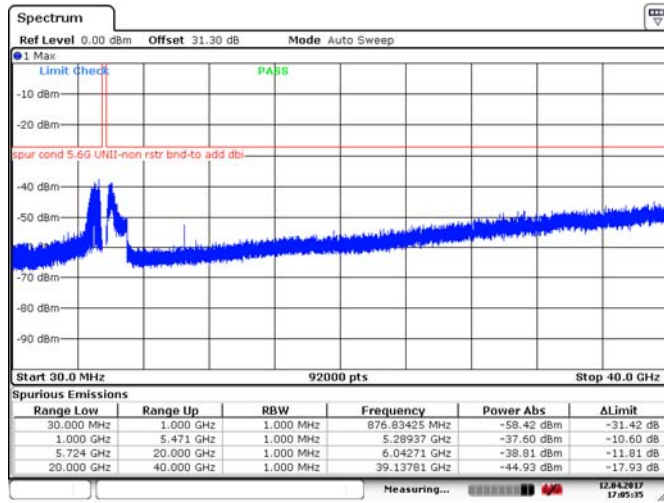
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Figure 8.4-193: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, cho, BPSK



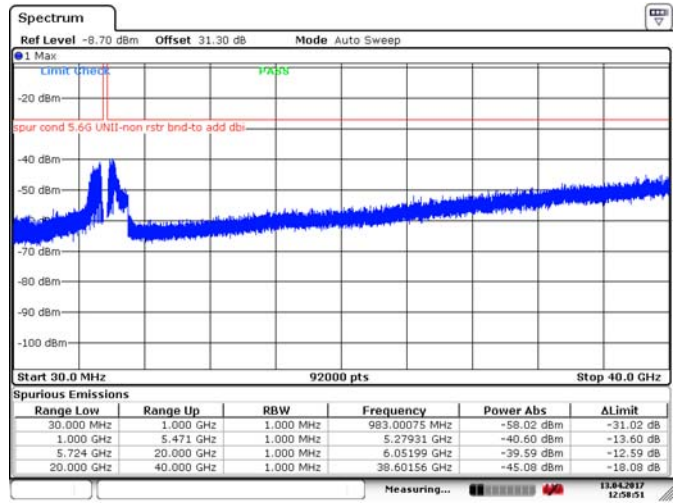
Date: 13.APR.2017 12:58:45

Figure 8.4-194: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, ch1, BPSK



Date: 12.APR.2017 17:05:35

Figure 8.4-195: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, cho, 256QAM



Date: 13.APR.2017 12:58:51

Figure 8.4-196: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

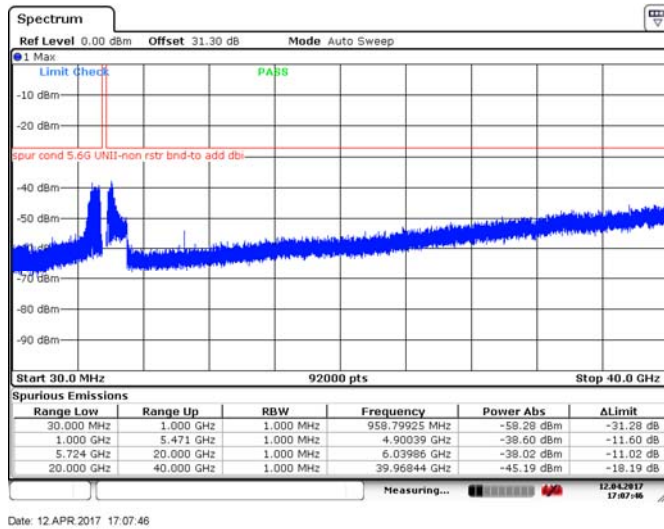


Figure 8.4-197: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, cho, BPSK

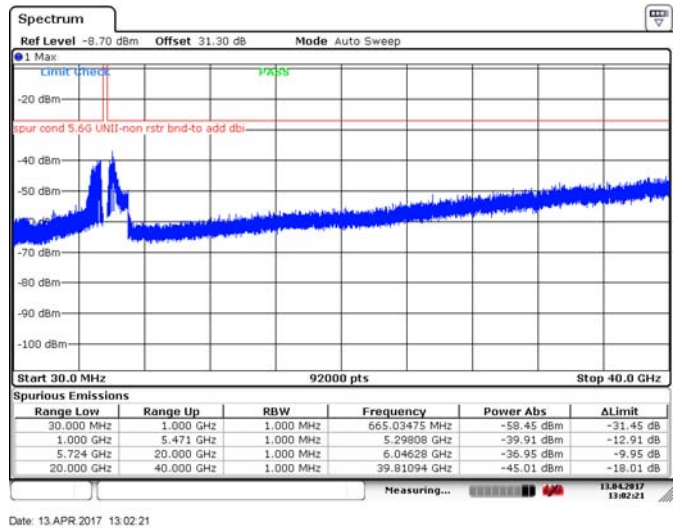


Figure 8.4-198: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK

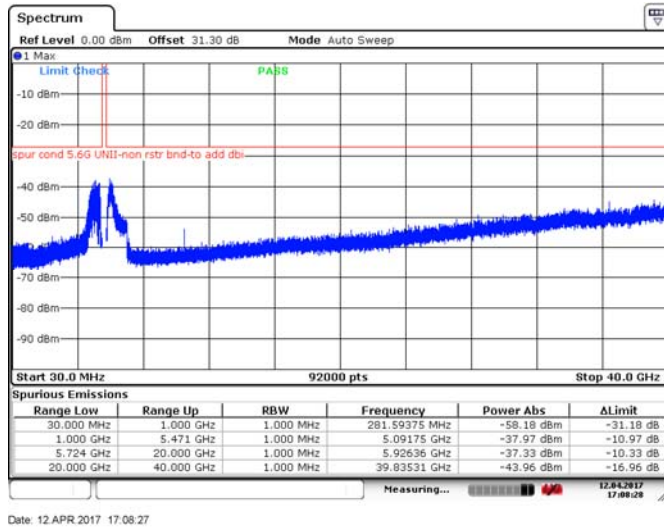


Figure 8.4-199: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM

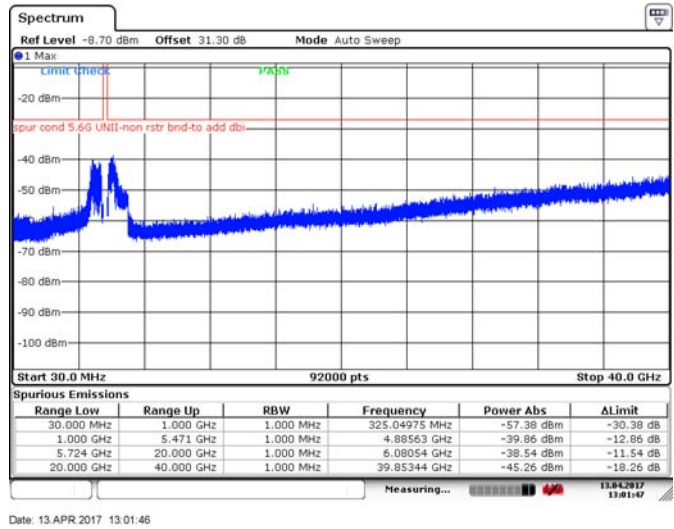


Figure 8.4-200: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM

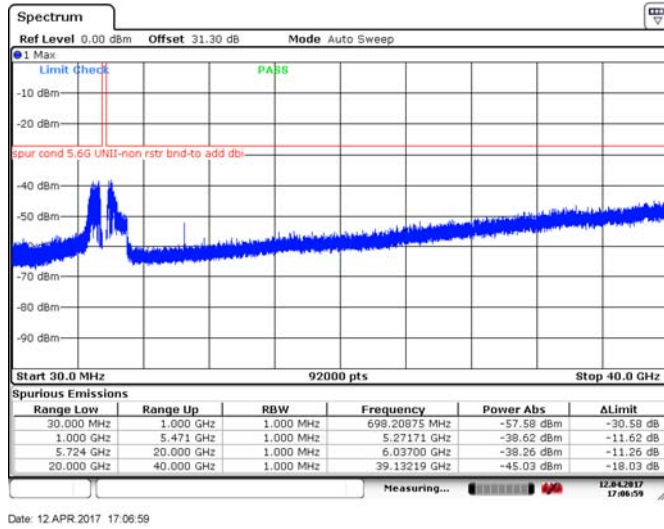


Figure 8.4-201: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, BPSK

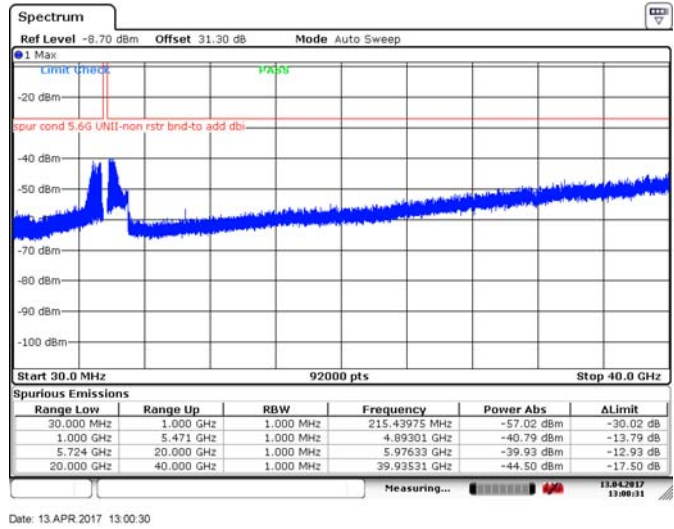


Figure 8.4-202: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, ch1, BPSK

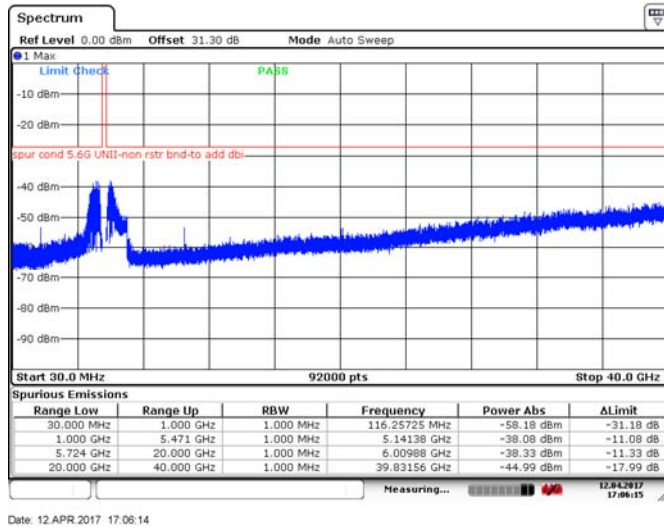


Figure 8.4-203: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

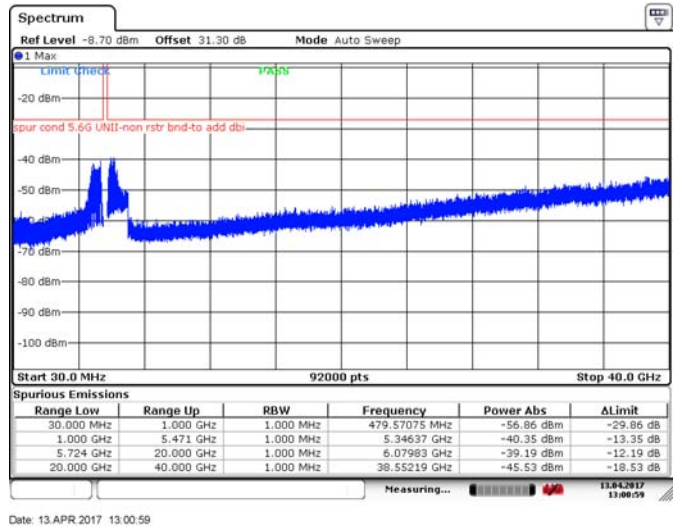
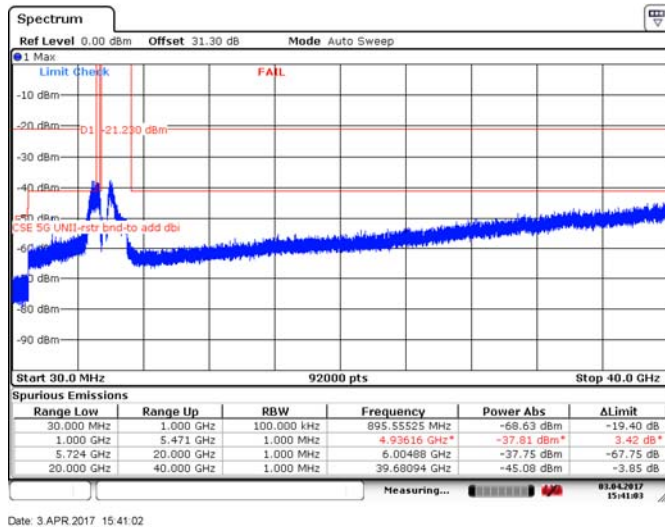


Figure 8.4-204: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

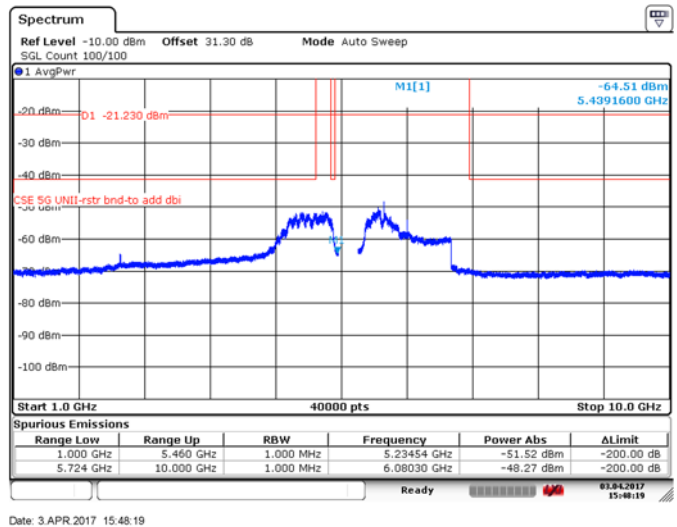
**Section 8** Testing data  
**Test name** FCC 15.407(b) and RSS-247 6.2.3 Spurious (out-of-band) emissions  
**Specification** FCC Part 15 Subpart E and RSS-247 Issue 2

Peak limit EIRP equivalent: 74 dBμV/m – 95.23 dB = -21.23 dBm  
 Average limit EIRP equivalent: 54 dBμV/m – 95.23 dB = -41.23 dBm



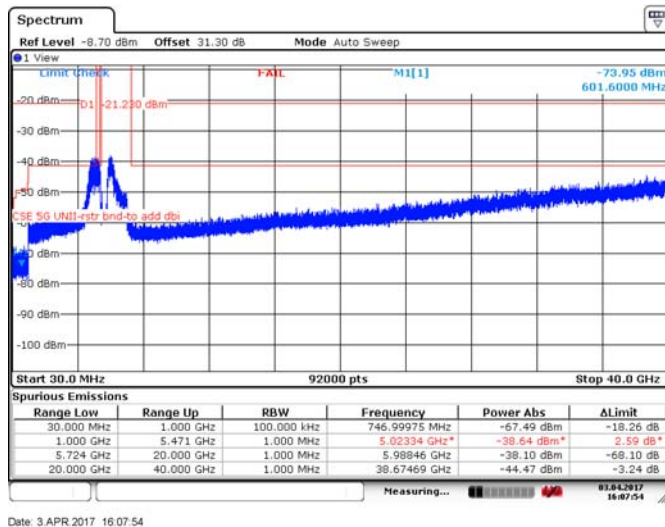
Date: 3 APR 2017 15:41:02

**Figure 8.4-205:** Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK



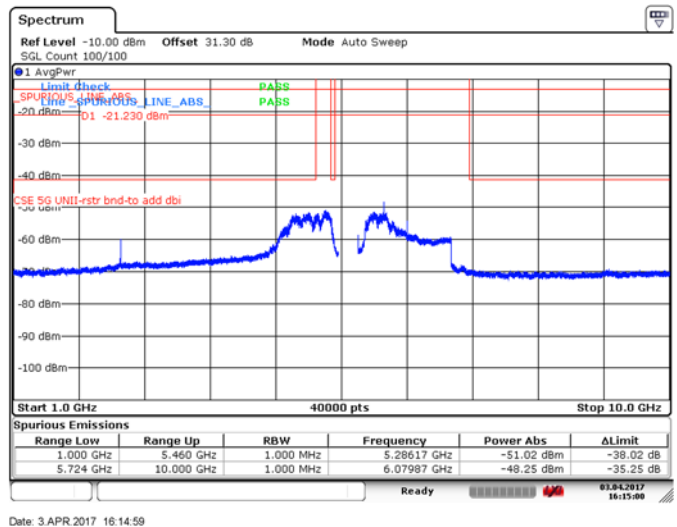
Date: 3 APR 2017 15:48:19

**Figure 8.4-206:** Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK



Date: 3 APR 2017 16:07:54

**Figure 8.4-207:** Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM



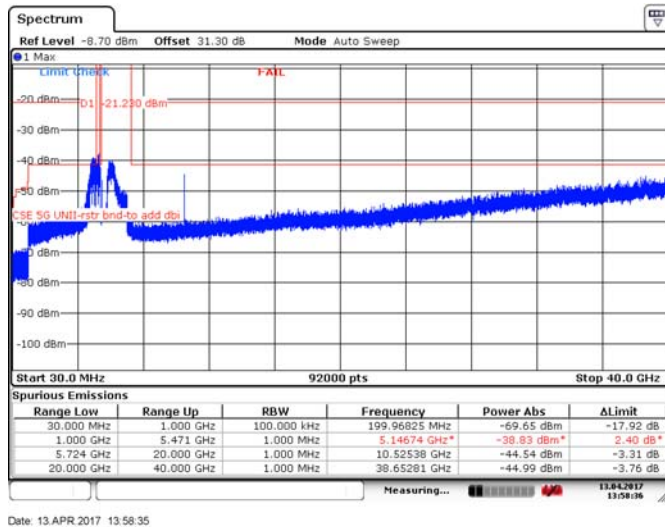
Date: 3 APR 2017 16:14:59

**Figure 8.4-208:** Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM



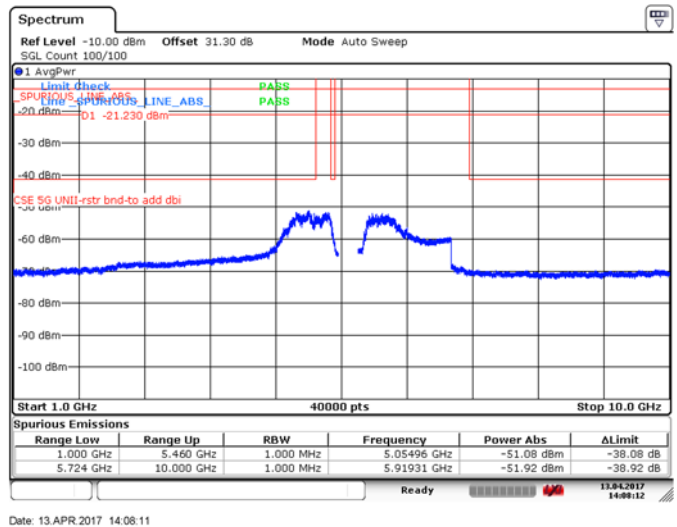
**Section 8** Testing data  
**Test name** FCC 15.407(b) and RSS-247 6.2.3 Spurious (out-of-band) emissions  
**Specification** FCC Part 15 Subpart E and RSS-247 Issue 2

Peak limit EIRP equivalent: 74 dBμV/m – 95.23 dB = -21.23 dBm  
 Average limit EIRP equivalent: 54 dBμV/m – 95.23 dB = -41.23 dBm



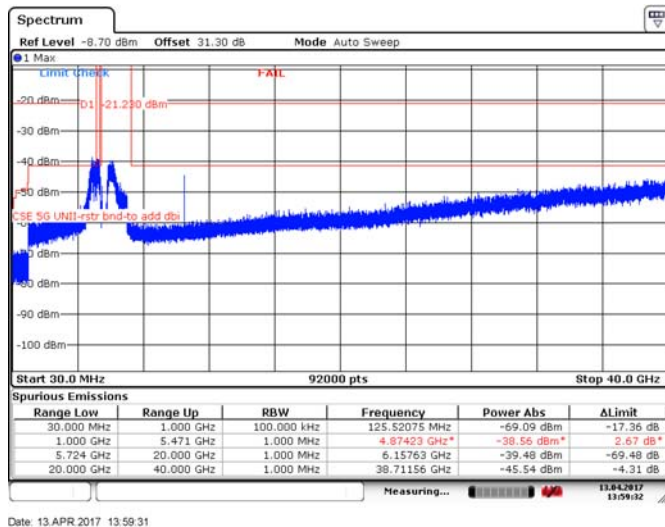
Date: 13 APR 2017 13:58:35

**Figure 8.4-209:** Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK



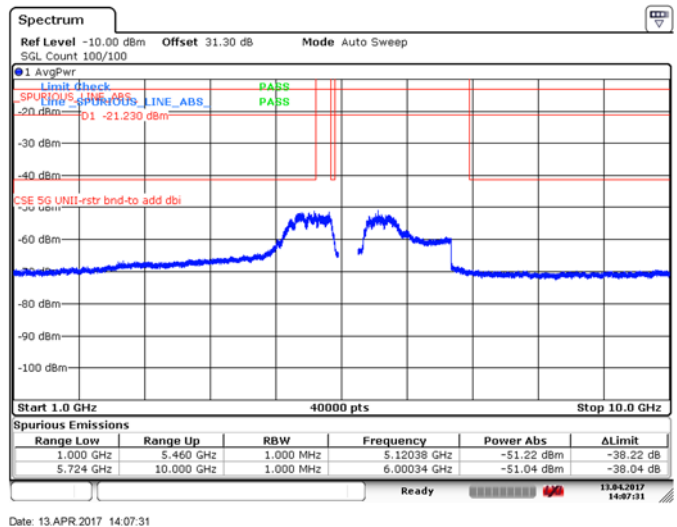
Date: 13 APR 2017 14:08:11

**Figure 8.4-210:** Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK



Date: 13 APR 2017 13:59:31

**Figure 8.4-211:** Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

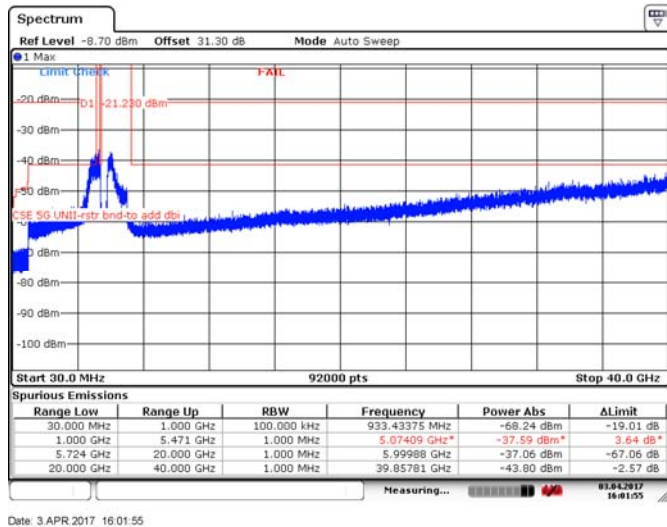


Date: 13 APR 2017 14:07:31

**Figure 8.4-212:** Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

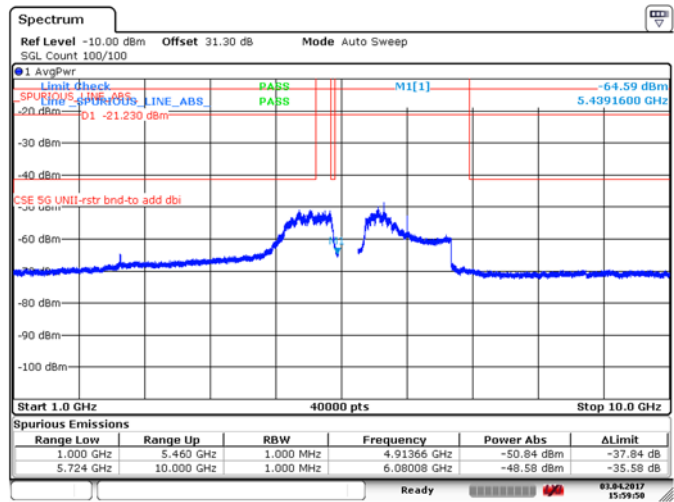
**Section 8** Testing data  
**Test name** FCC 15.407(b) and RSS-247 6.2.3 Spurious (out-of-band) emissions  
**Specification** FCC Part 15 Subpart E and RSS-247 Issue 2

Peak limit EIRP equivalent: 74 dBμV/m – 95.23 dB = -21.23 dBm  
 Average limit EIRP equivalent: 54 dBμV/m – 95.23 dB = -41.23 dBm



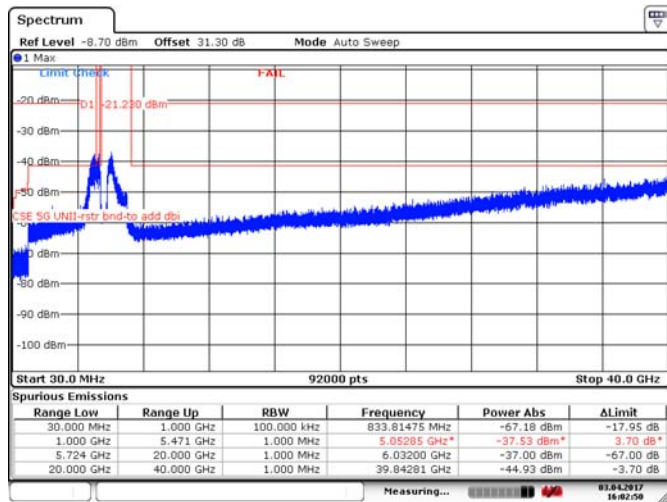
Date: 3 APR 2017 16:01:55

**Figure 8.4-213:** Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK



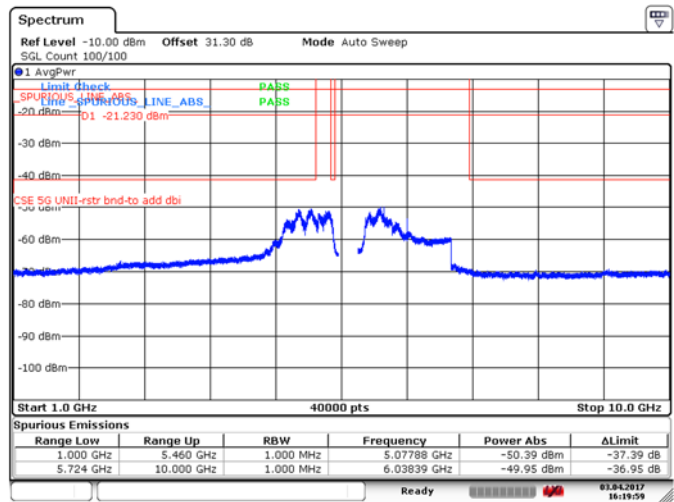
Date: 3 APR 2017 15:59:49

**Figure 8.4-214:** Average Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK



Date: 3 APR 2017 16:02:49

**Figure 8.4-215:** Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM



Date: 3 APR 2017 16:19:59

**Figure 8.4-216:** Average Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM