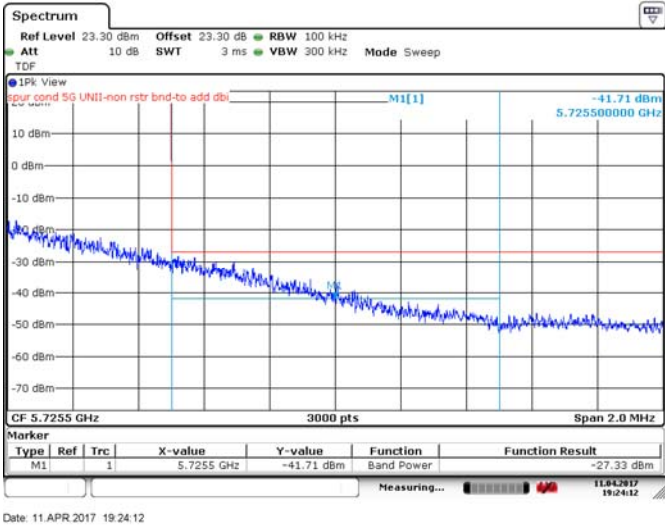
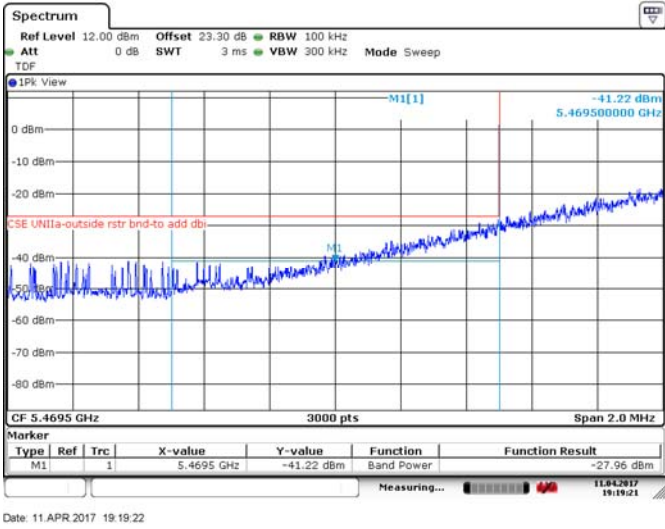
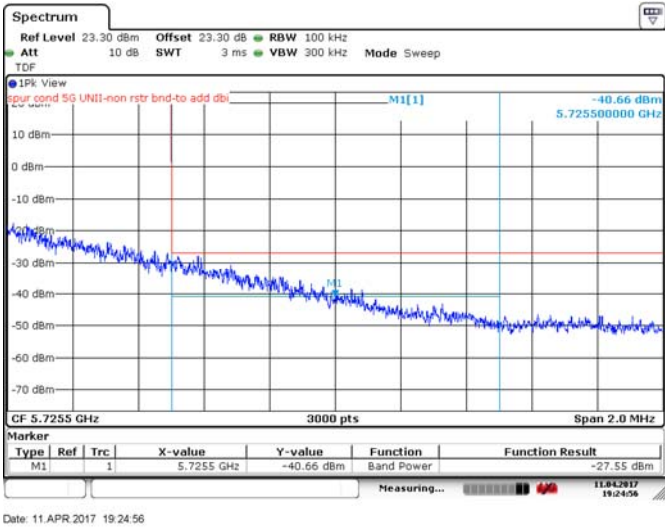
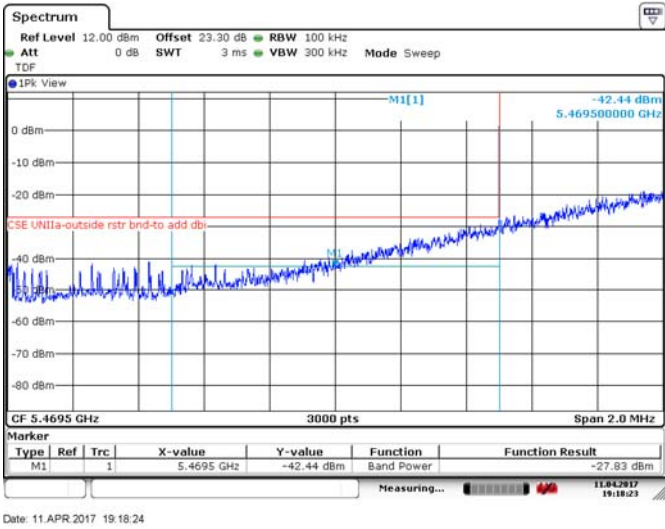




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Testing data
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FCC Part 15 Subpart E and RSS-247 Issue 2

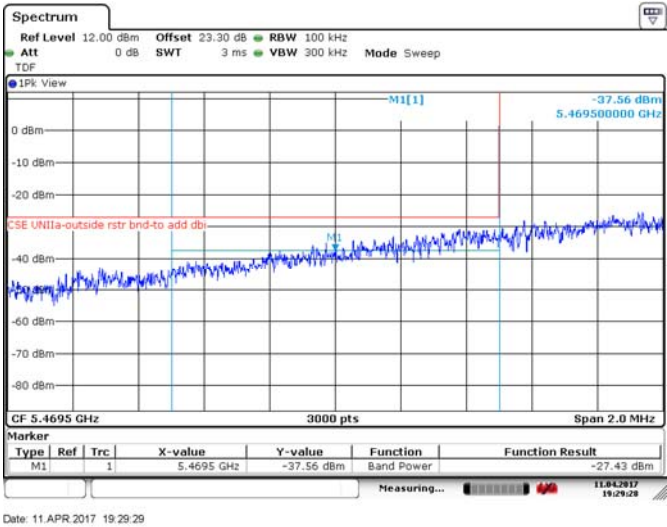


Figure 8.4-161: Lower band edge for FCC, 20 MHz channel, 24 dBi antenna, BPSK

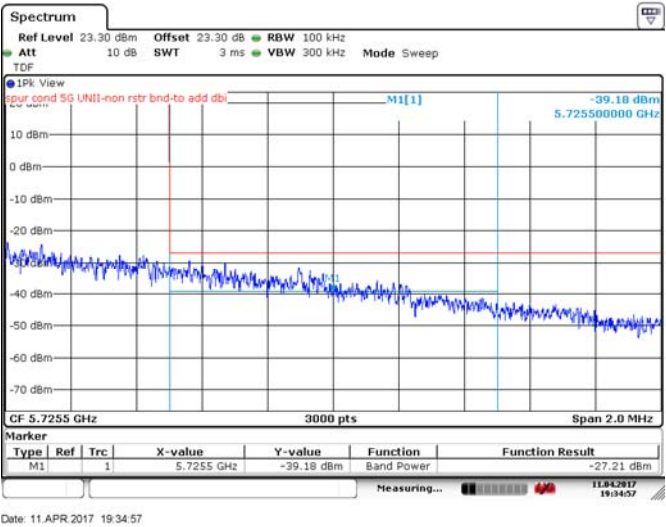


Figure 8.4-162: Upper band edge for FCC, 20 MHz channel, 24 dBi antenna, BPSK

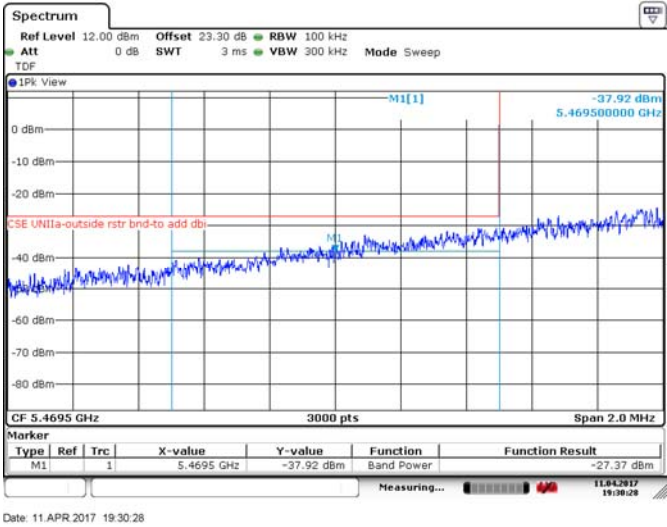


Figure 8.4-163: Lower band edge for FCC, 20 MHz channel, 24 dBi antenna, 256QAM

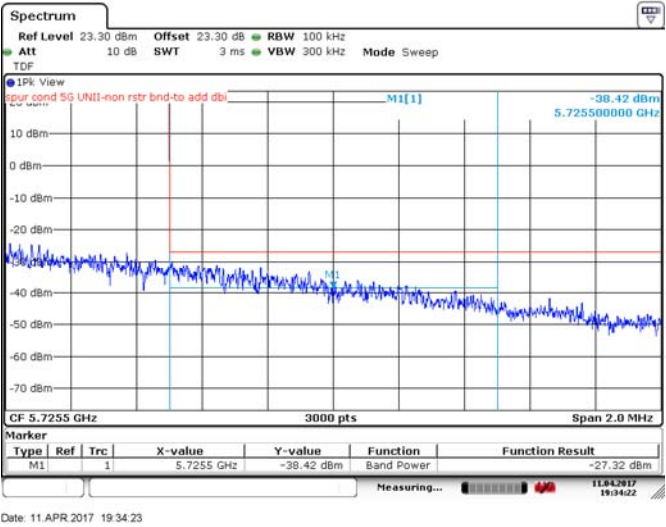


Figure 8.4-164: Upper band edge for FCC, 20 MHz channel, 24 dBi antenna, 256QAM

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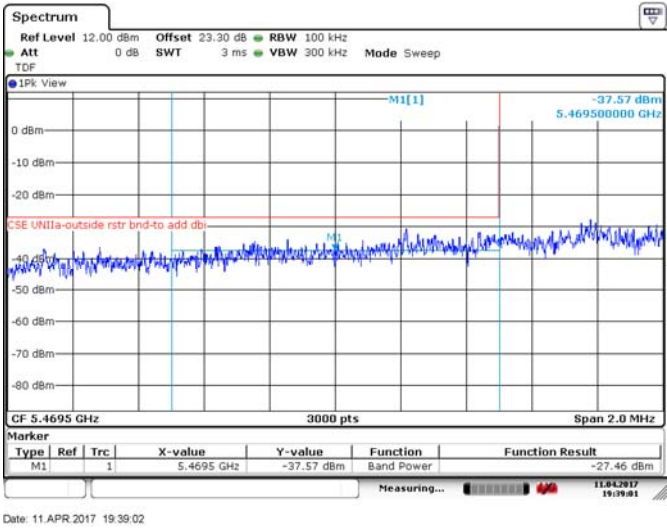


Figure 8.4-165: Lower band edge for FCC, 40 MHz channel, 24 dBi antenna, BPSK

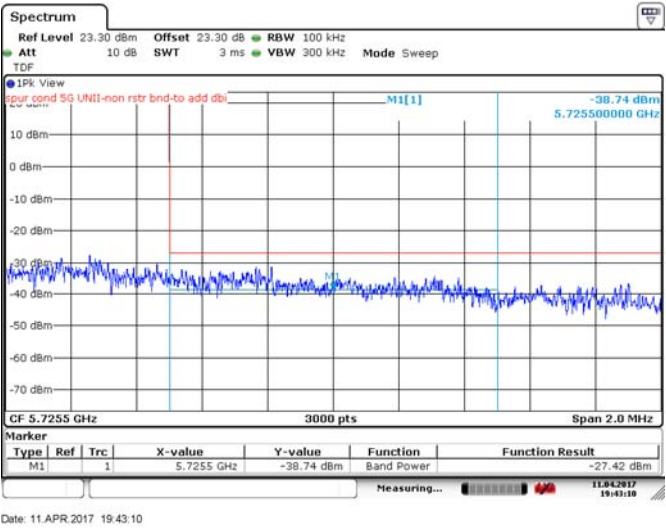


Figure 8.4-166: Upper band edge for FCC, 40 MHz channel, 24 dBi antenna, BPSK

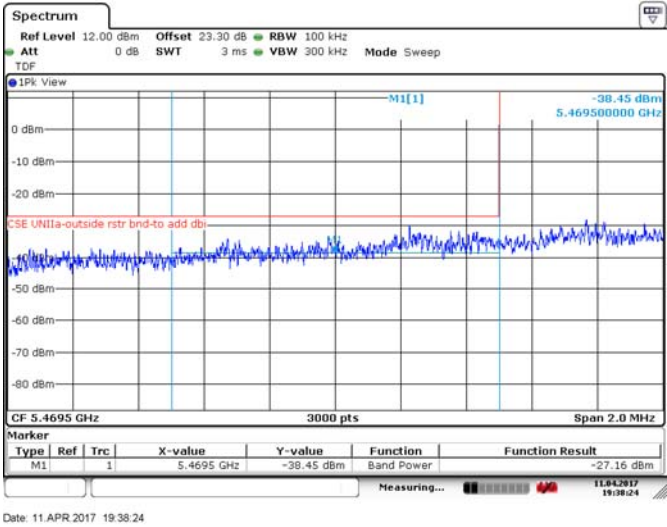


Figure 8.4-167: Lower band edge for FCC, 40 MHz channel, 24 dBi antenna, 256QAM

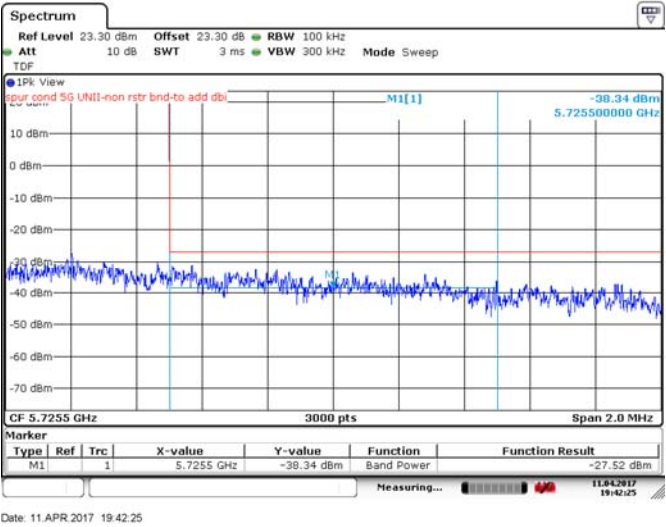


Figure 8.4-168: Upper band edge for FCC, 40 MHz channel, 24 dBi antenna, 256QAM

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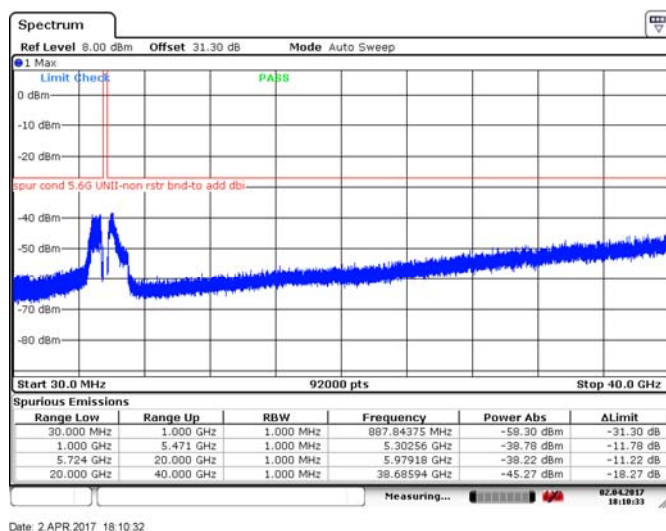


Figure 8.4-169: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK

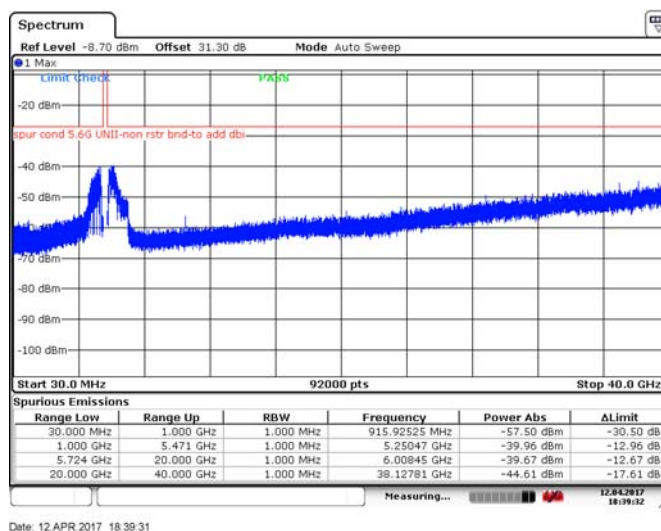


Figure 8.4-170: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

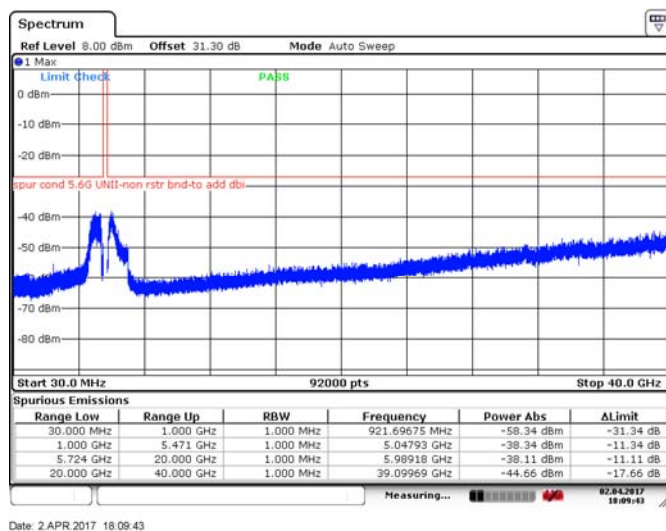


Figure 8.4-171: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

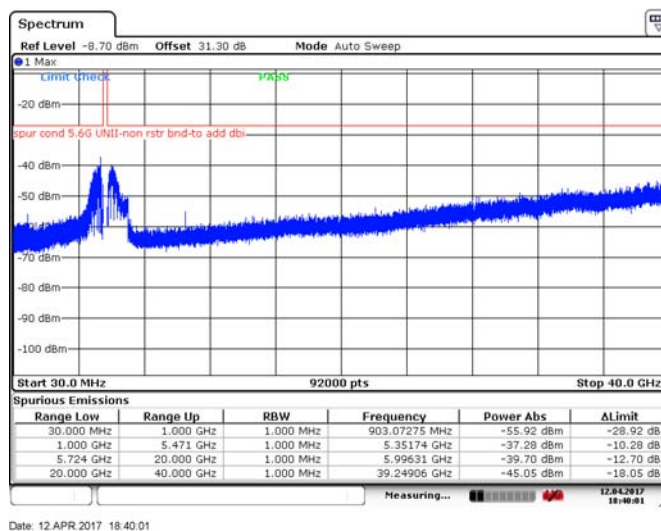


Figure 8.4-172: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

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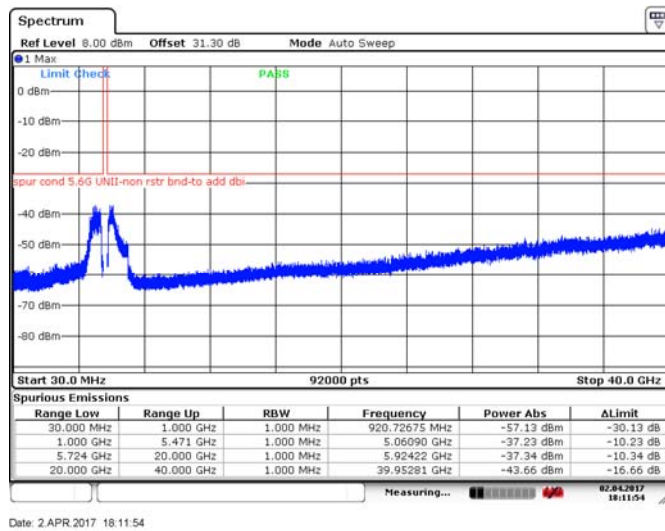


Figure 8.4-173: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK

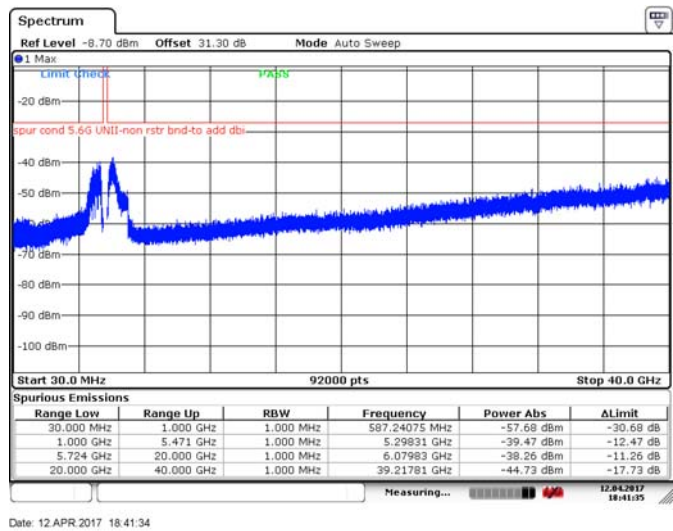


Figure 8.4-174: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK

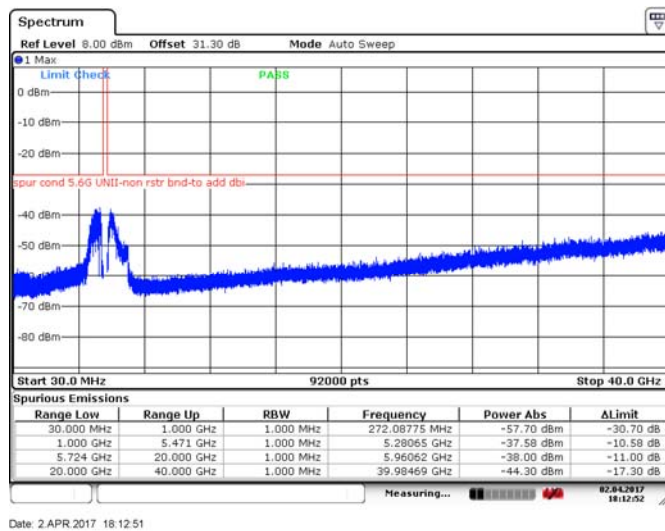


Figure 8.4-175: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM

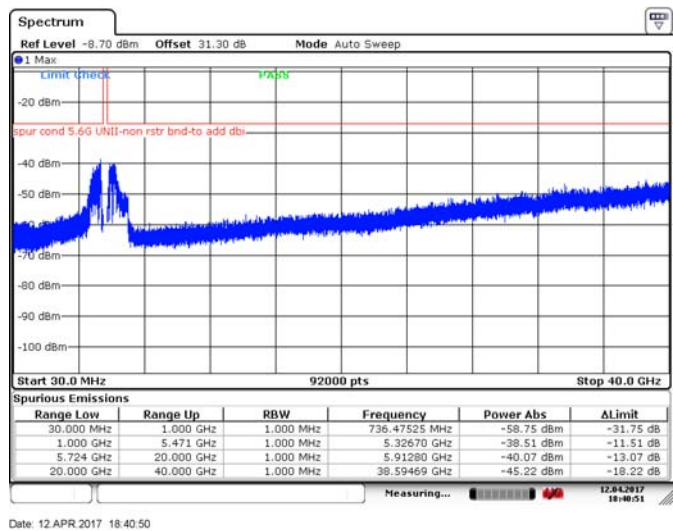


Figure 8.4-176: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM

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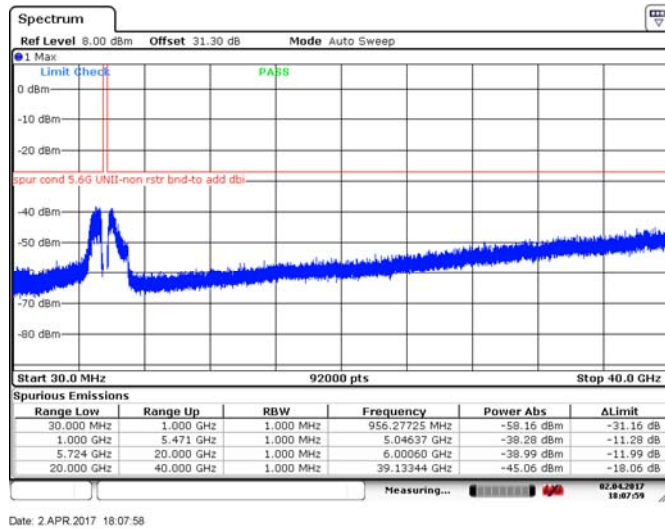


Figure 8.4-177: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, BPSK

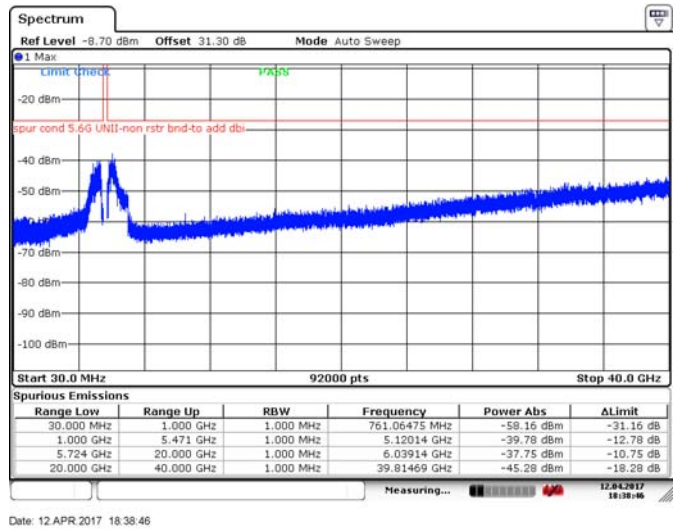


Figure 8.4-178: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, ch1, BPSK

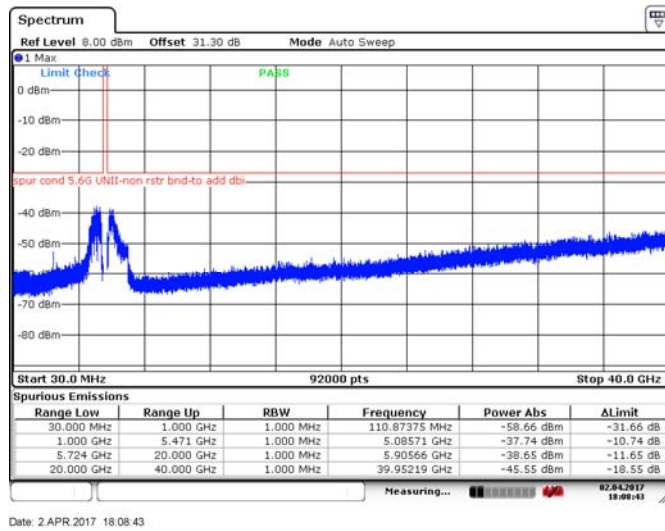


Figure 8.4-179: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

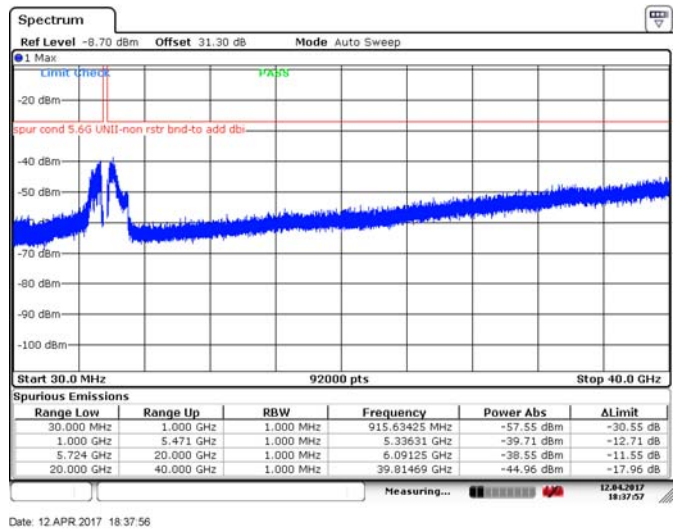


Figure 8.4-180: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

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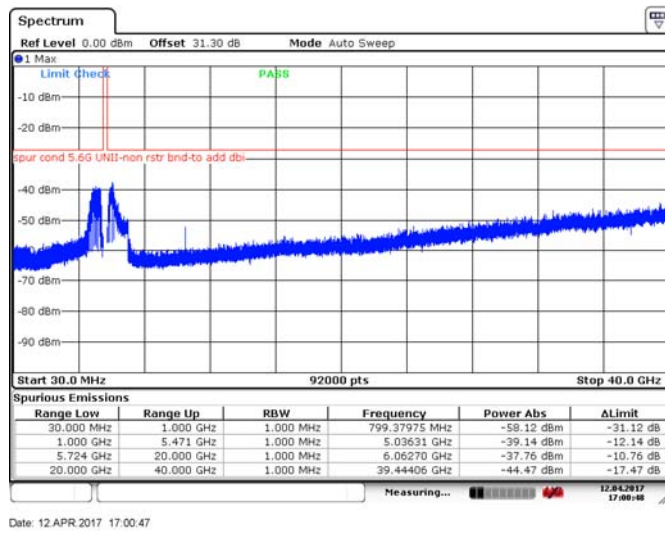


Figure 8.4-181: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, cho, BPSK

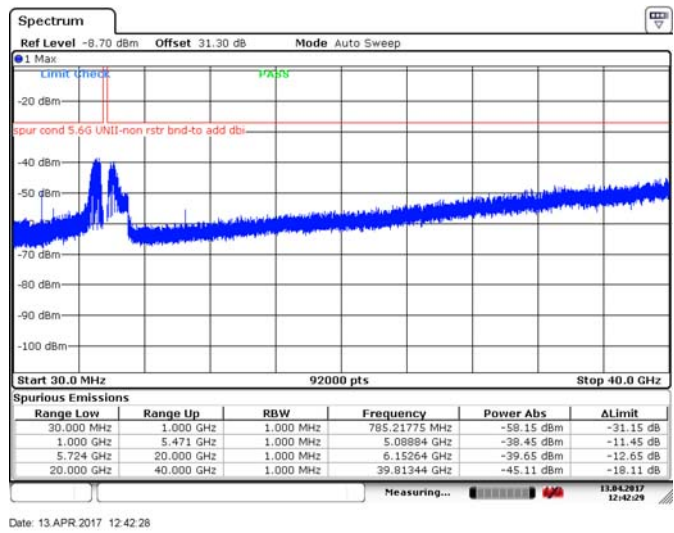


Figure 8.4-182: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

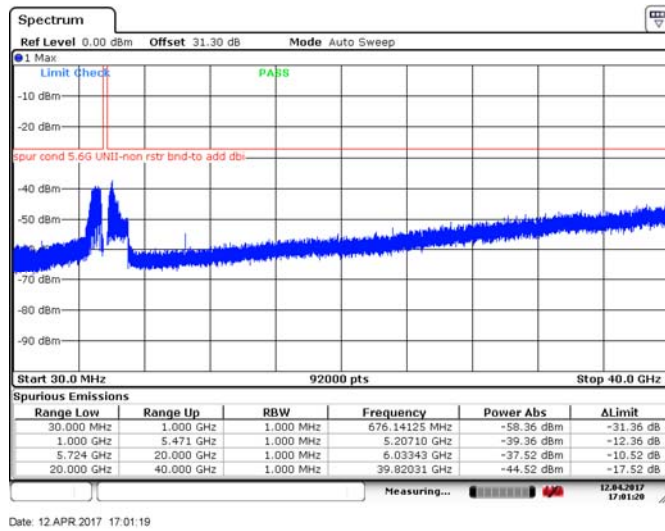


Figure 8.4-183: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

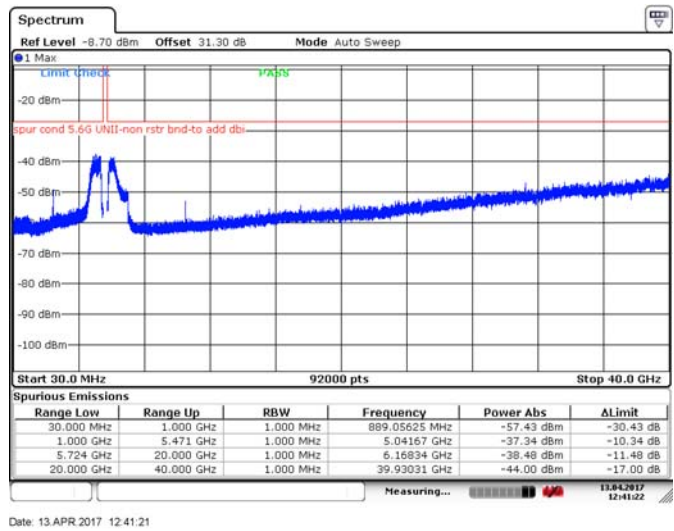


Figure 8.4-184: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

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 FCC 15.407(b) and RSS-247 6.2.3 Spurious (out-of-band) emissions
 FCC Part 15 Subpart E and RSS-247 Issue 2

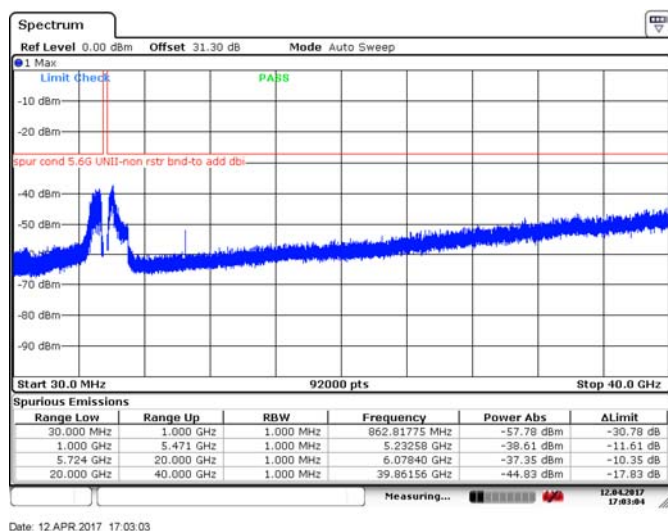


Figure 8.4-185: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, cho, BPSK

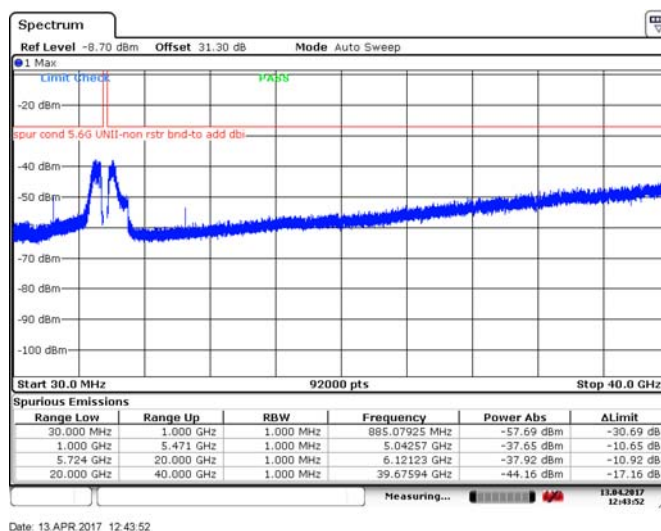


Figure 8.4-186: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK

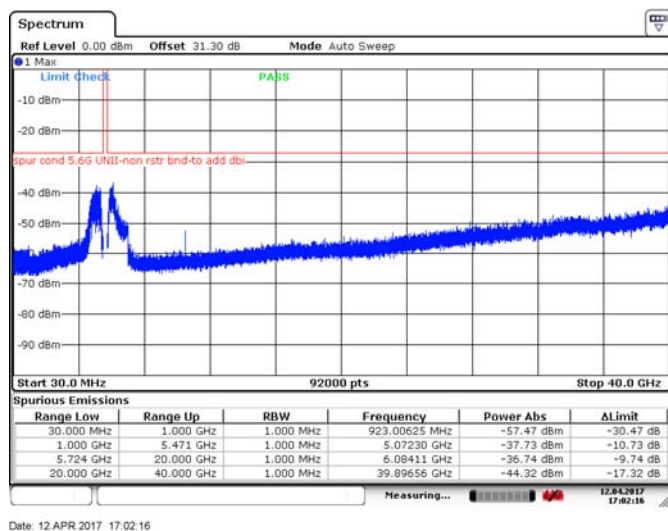


Figure 8.4-187: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM

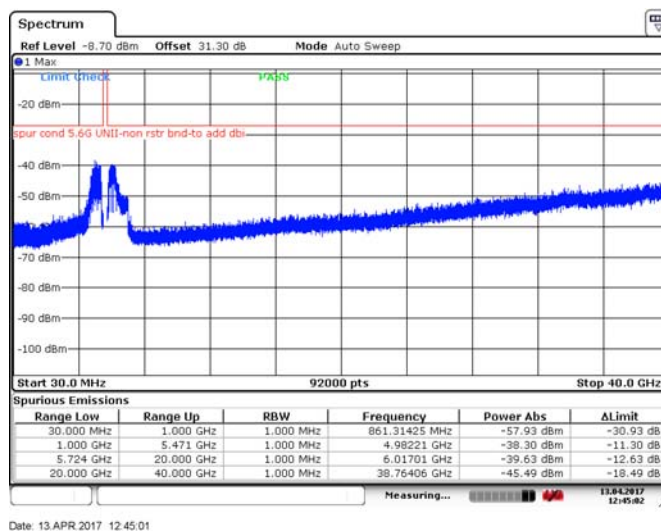


Figure 8.4-188: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM

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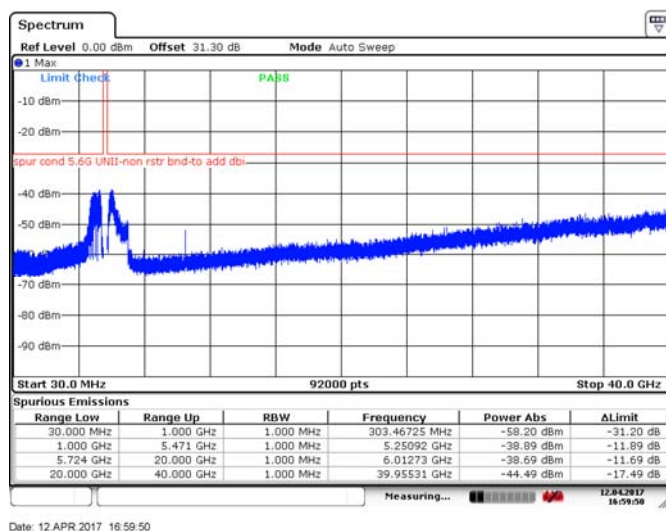


Figure 8.4-189: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, cho, BPSK

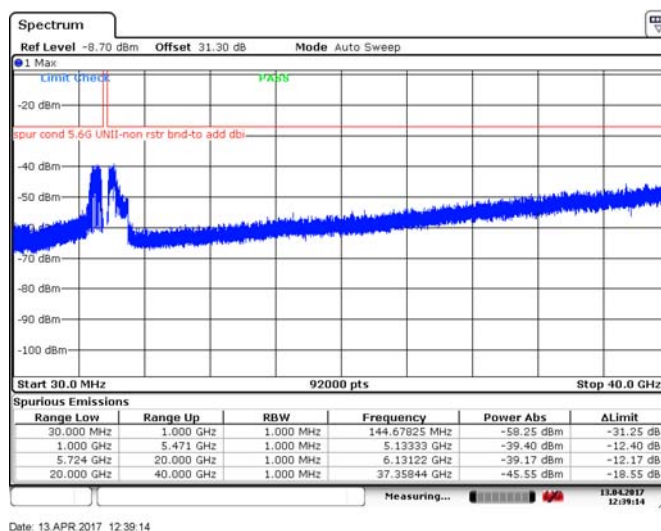


Figure 8.4-190: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, ch1, BPSK

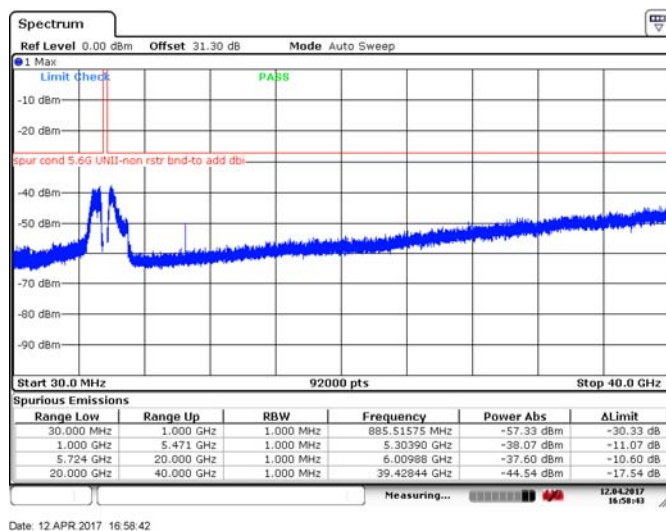


Figure 8.4-191: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

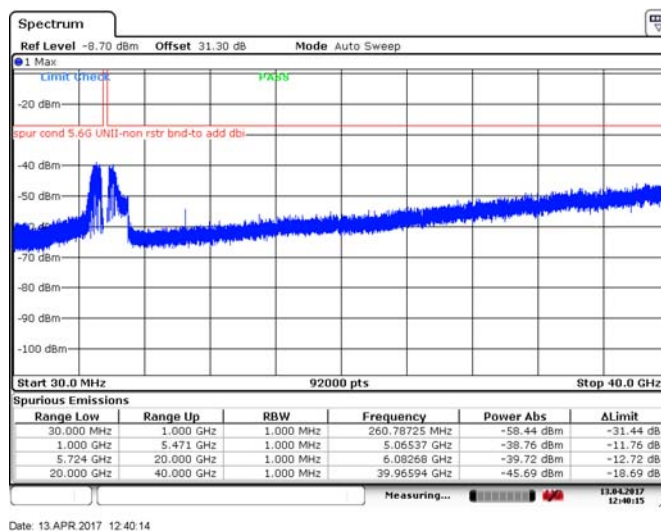


Figure 8.4-192: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 32 dBi antenna, ch1, 256-QAM

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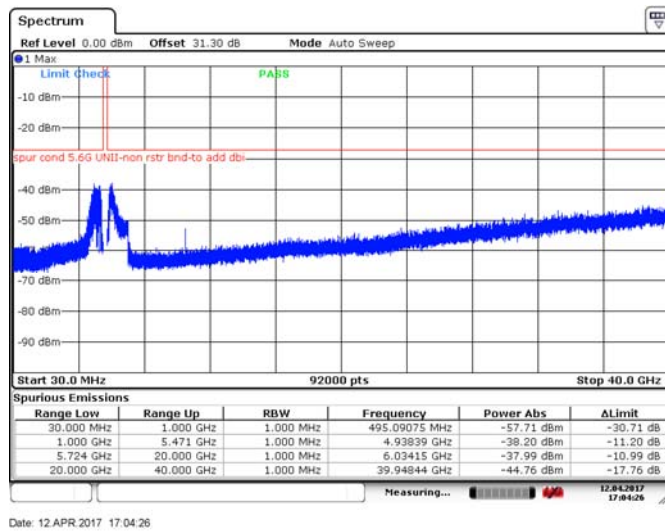


Figure 8.4-193: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, cho, BPSK

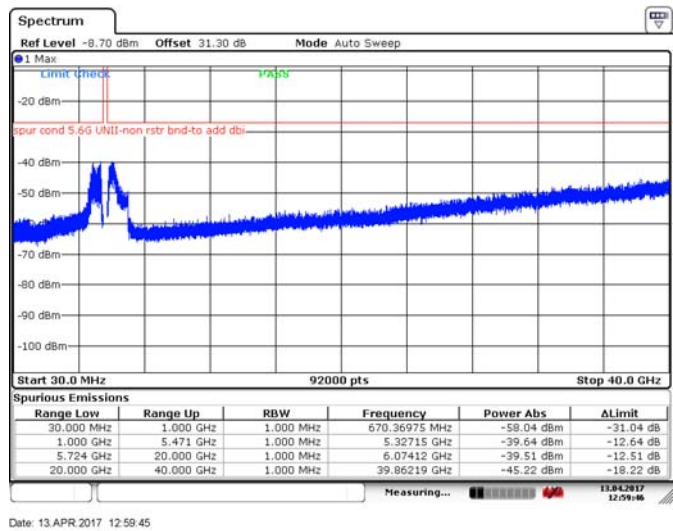


Figure 8.4-194: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

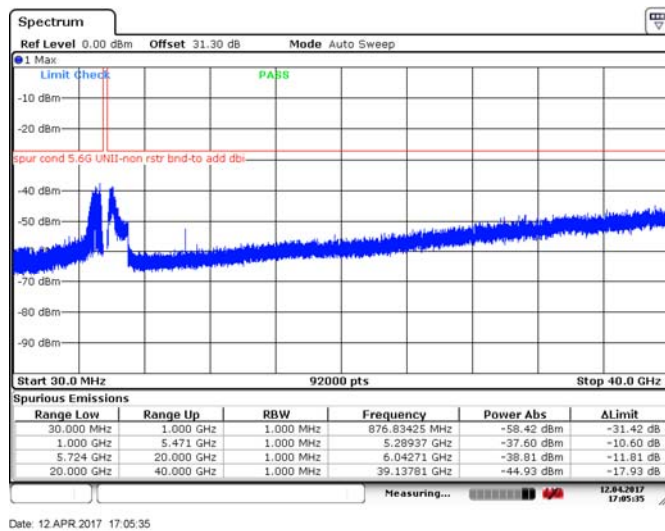


Figure 8.4-195: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

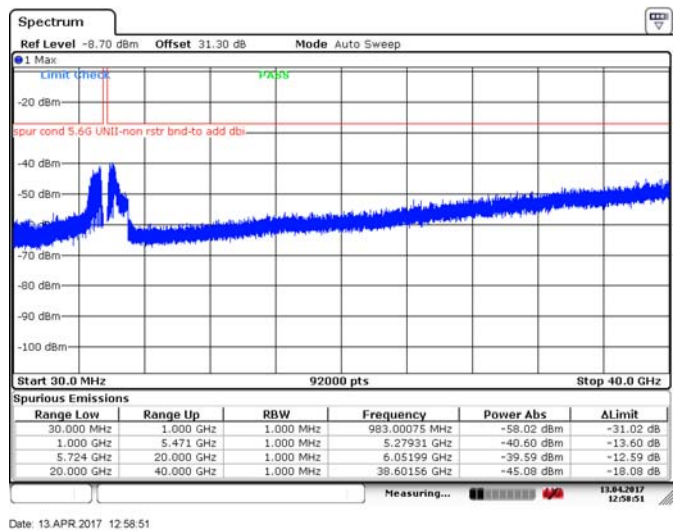


Figure 8.4-196: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

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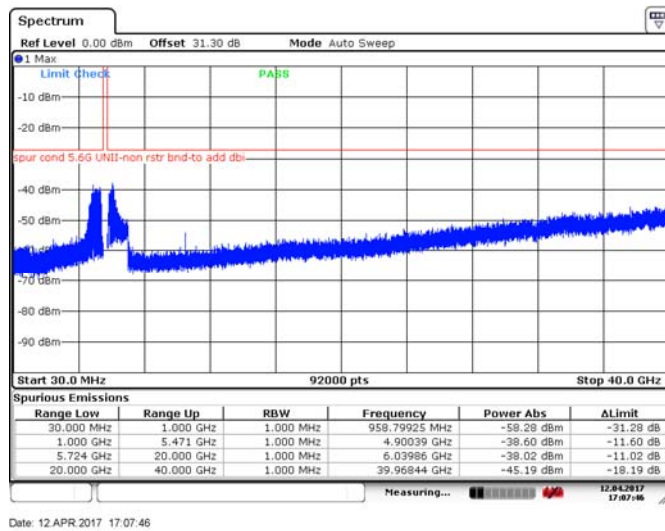


Figure 8.4-197: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, cho, BPSK

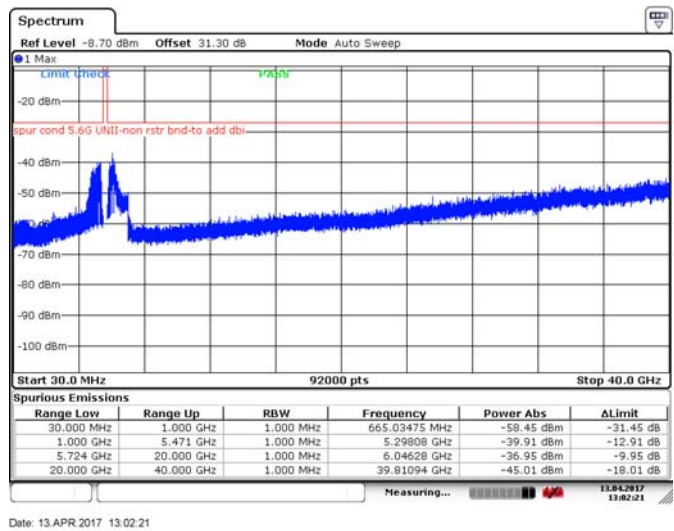


Figure 8.4-198: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, ch1, BPSK

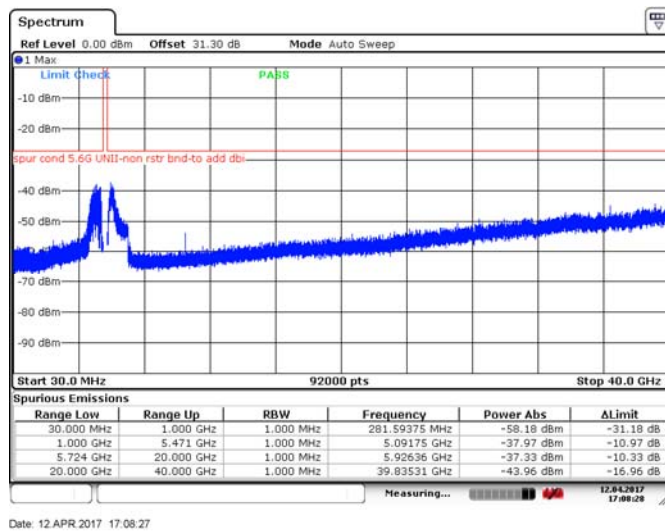


Figure 8.4-199: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, cho, 256-QAM

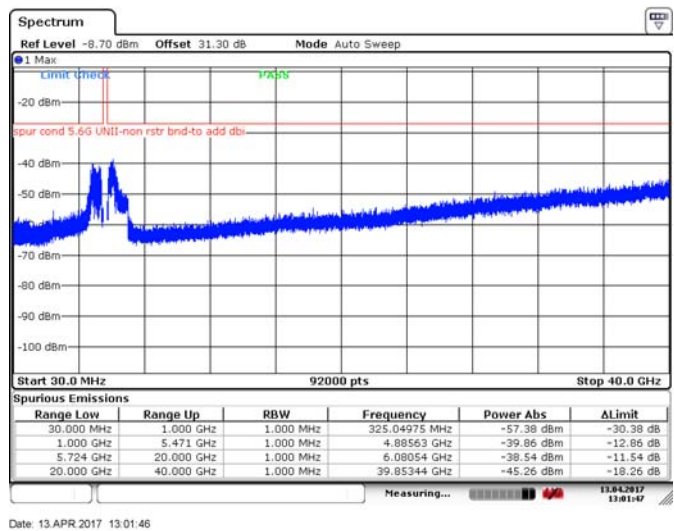


Figure 8.4-200: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 32 dBi antenna, ch1, 256-QAM

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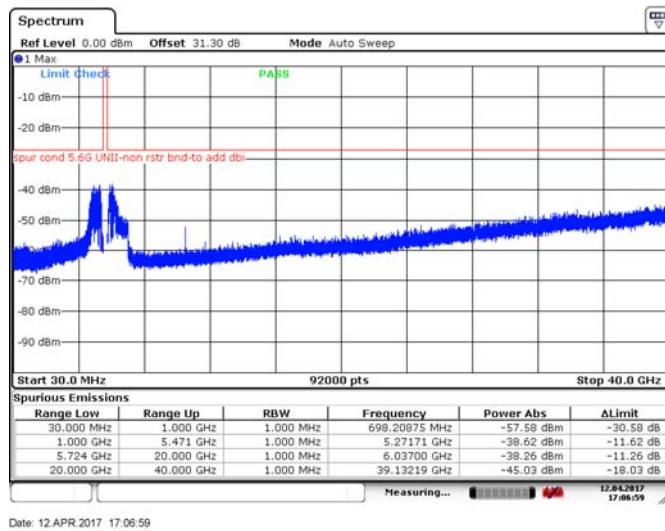


Figure 8.4-201: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, BPSK

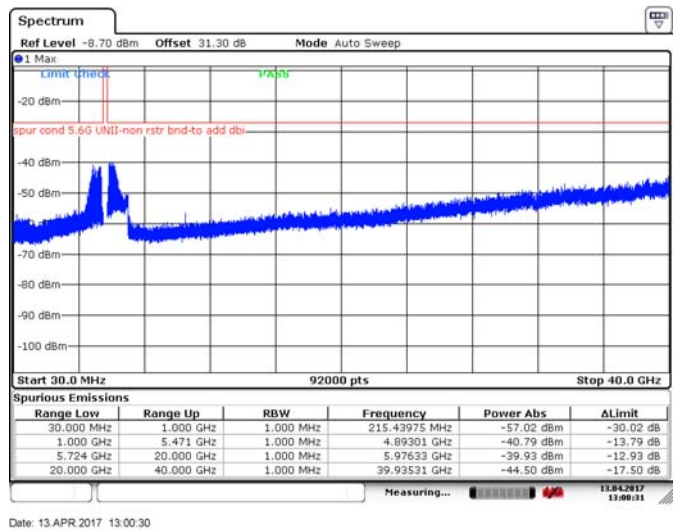


Figure 8.4-202: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, ch1, BPSK

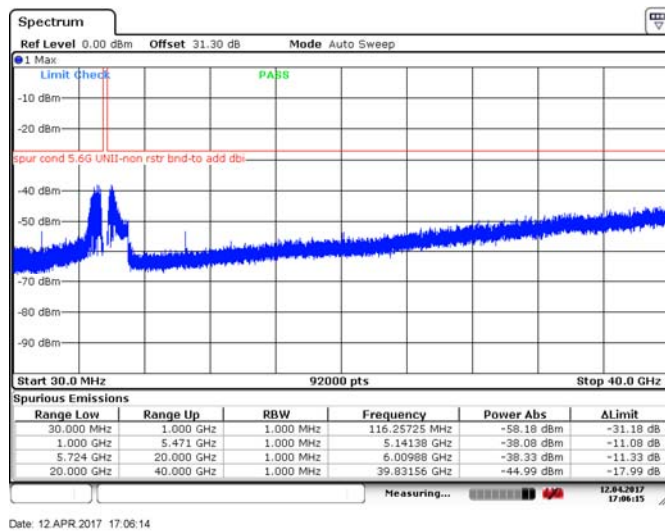


Figure 8.4-203: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

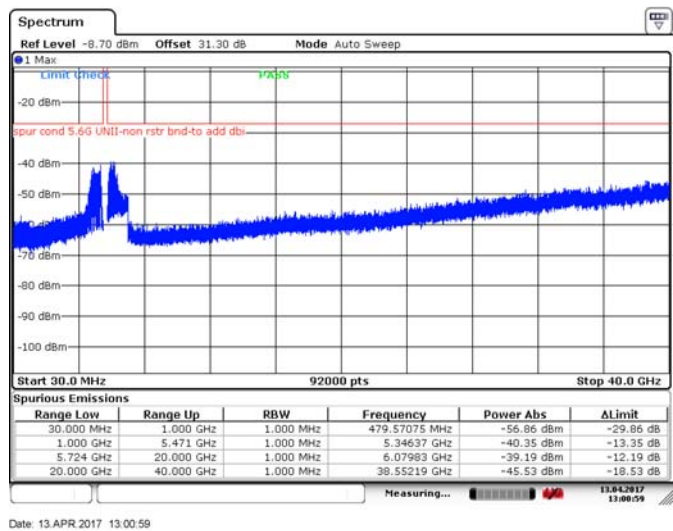


Figure 8.4-204: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 32 dBi antenna, cho, 256-QAM

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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

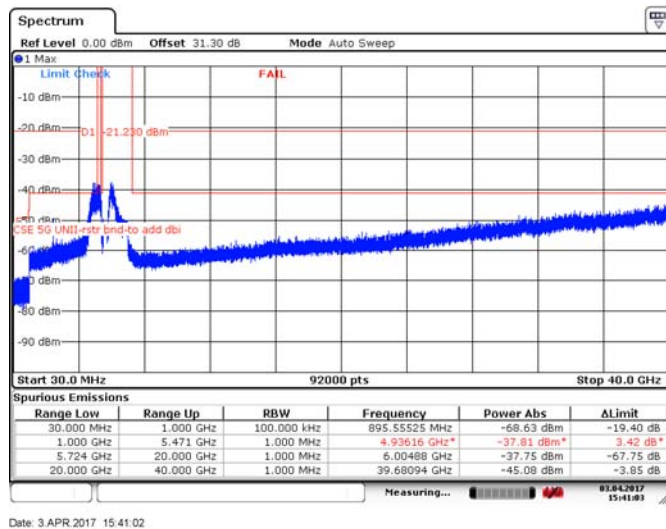


Figure 8.4-205: Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK

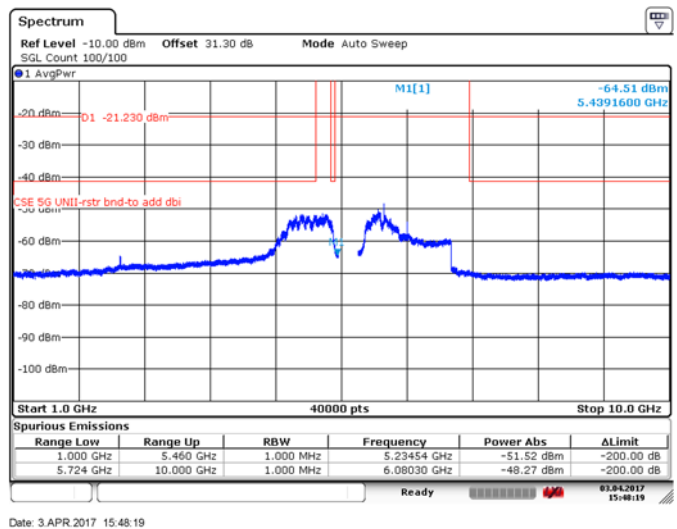


Figure 8.4-206: Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, BPSK

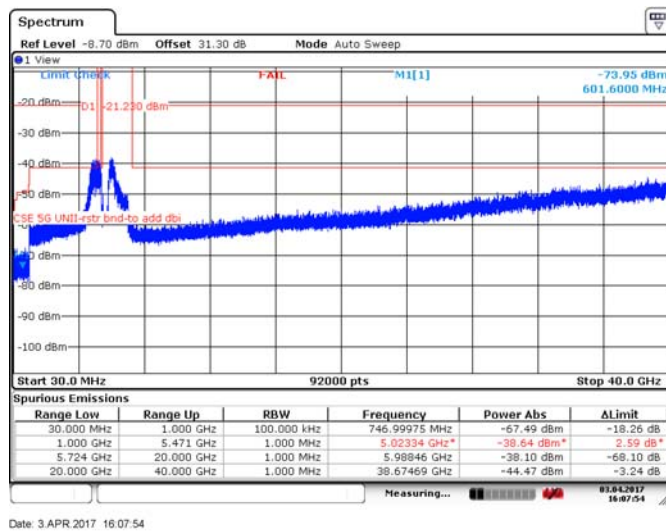


Figure 8.4-207: Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

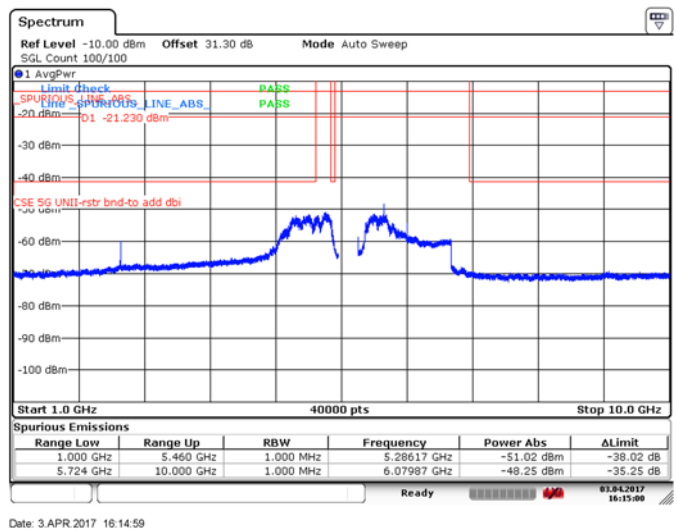


Figure 8.4-208: Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, cho, 256QAM

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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

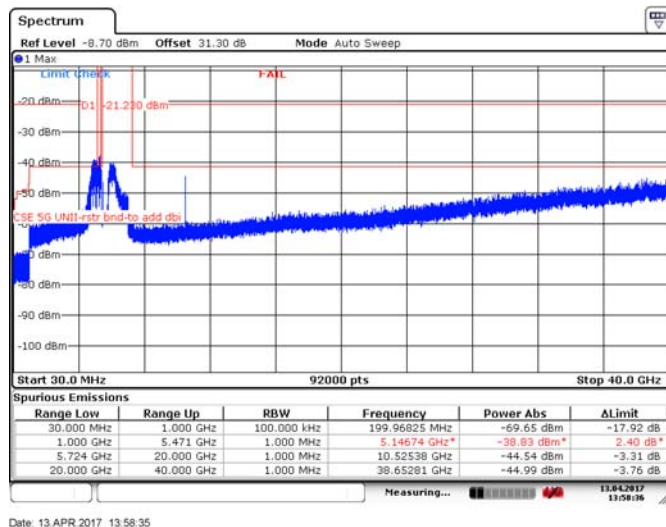


Figure 8.4-209: Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

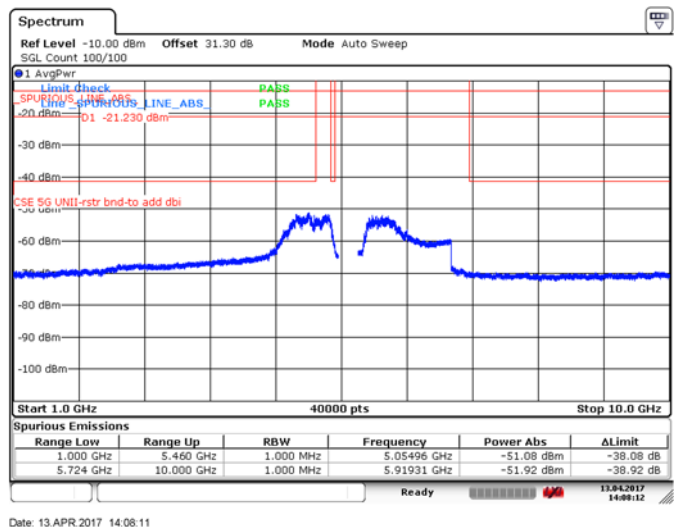


Figure 8.4-210: Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, BPSK

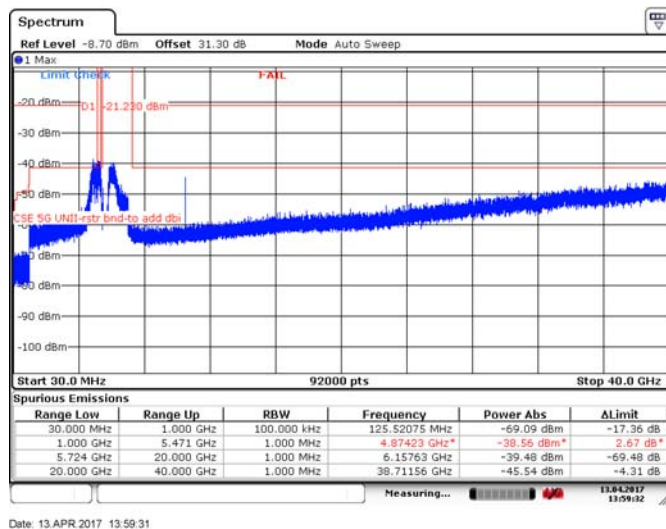


Figure 8.4-211: Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

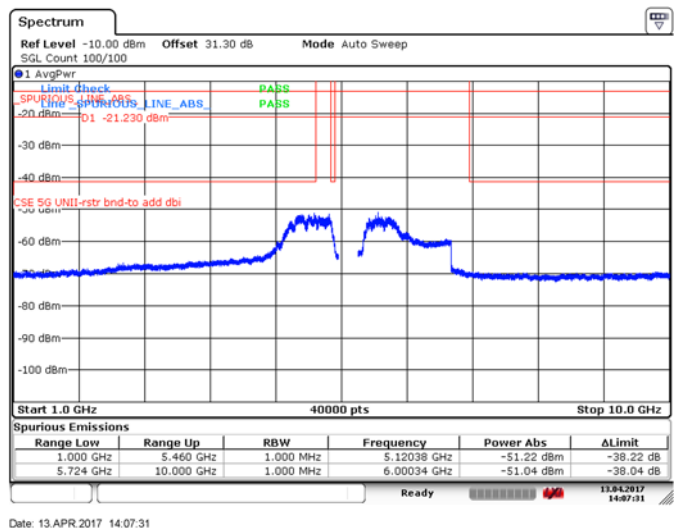
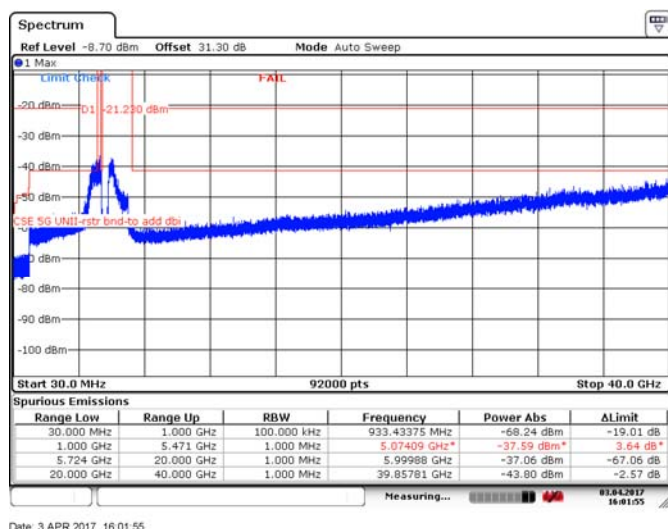


Figure 8.4-212: Average Spurious emissions within restricted bands, 10 MHz channel, low channel, 32 dBi antenna, ch1, 256QAM

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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

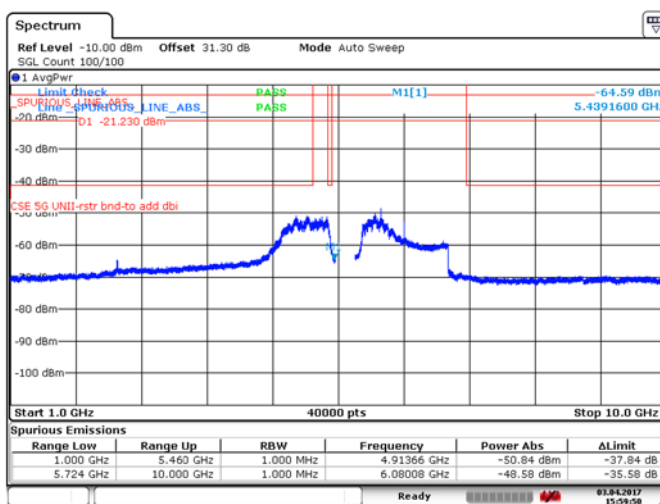
Peak limit EIRP equivalent: 74 dBμV/m – 95.23 dB = –21.23 dBm

Average limit EIRP equivalent: 54 dBμV/m – 95.23 dB = –41.23 dBm



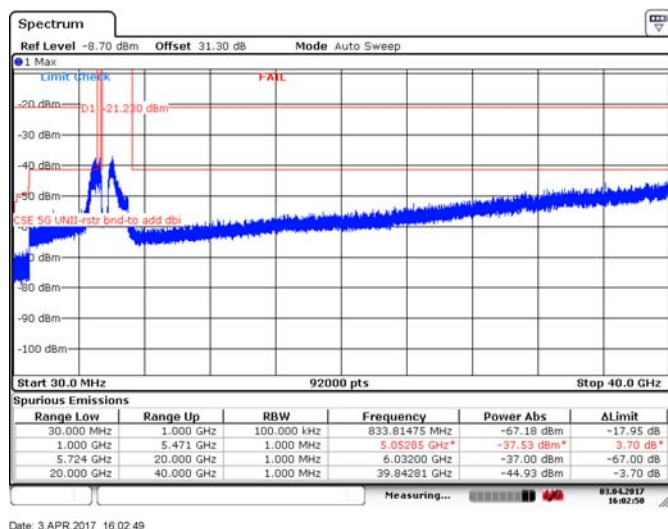
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Figure 8.4-213: Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK



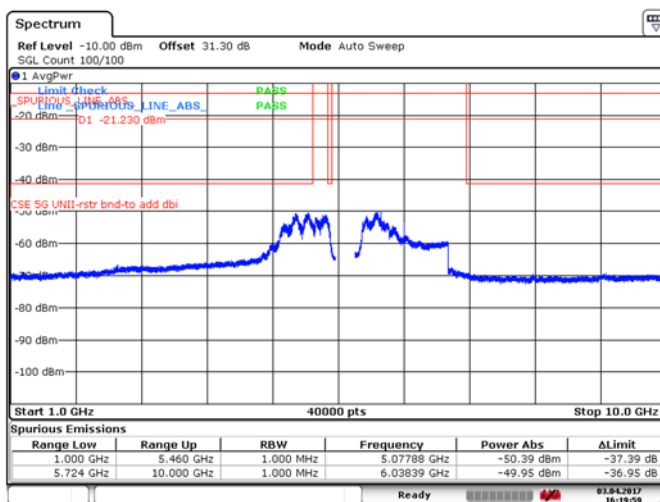
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Figure 8.4-214: Average Spurious emissions within restricted bands, 10 MHz channel, mid channel, 32 dBi antenna, cho, BPSK



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