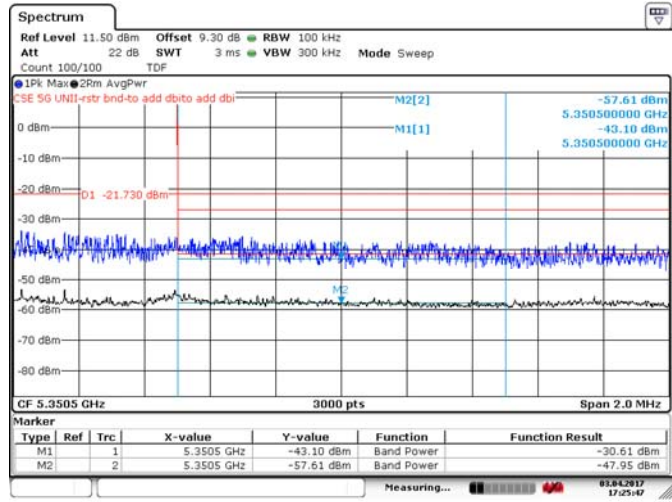


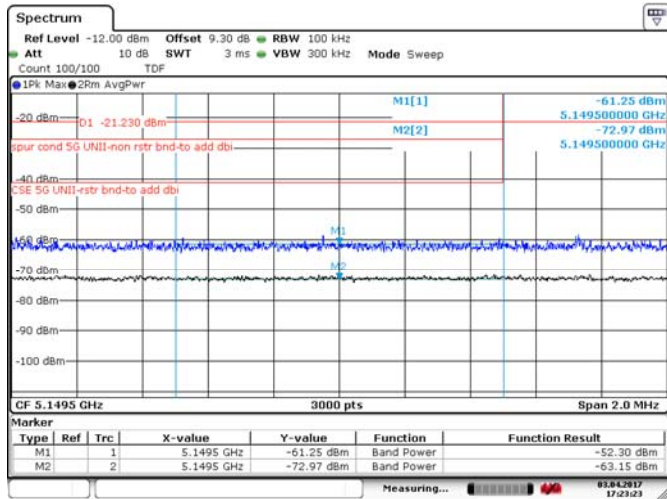
Date: 3.APR 2017 17:22:36

Figure 8.4-73: Lower band edge for FCC, 10 MHz channel, 10 dBi antenna, BPSK



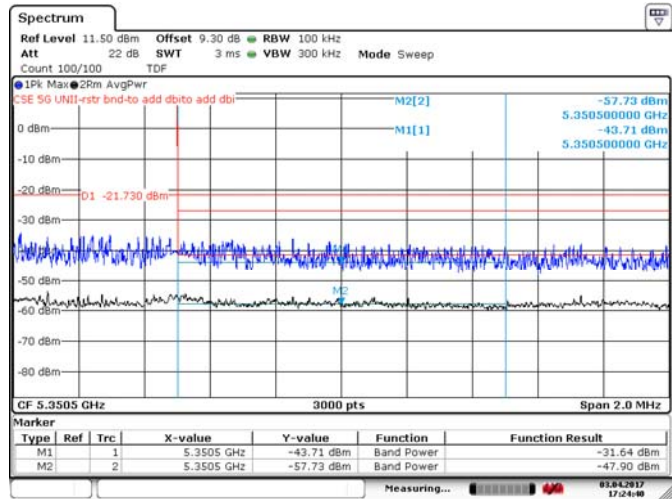
Date: 3.APR 2017 17:25:47

Figure 8.4-74: Upper band edge for FCC, 10 MHz channel, 10 dBi antenna, BPSK



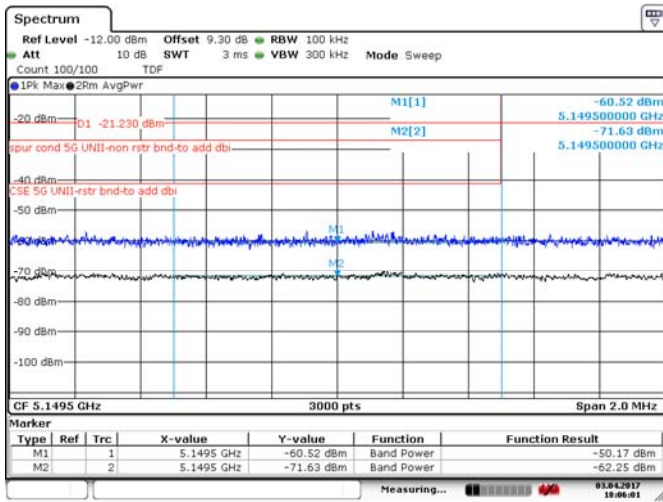
Date: 3.APR 2017 17:23:23

Figure 8.4-75: Lower band edge for FCC, 10 MHz channel, 10 dBi antenna, 256QAM



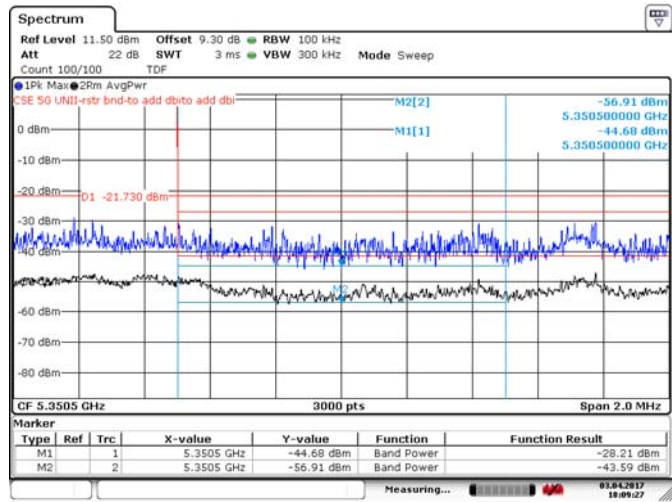
Date: 3.APR 2017 17:24:40

Figure 8.4-76: Upper band edge for FCC, 10 MHz channel, 10 dBi antenna, 256QAM



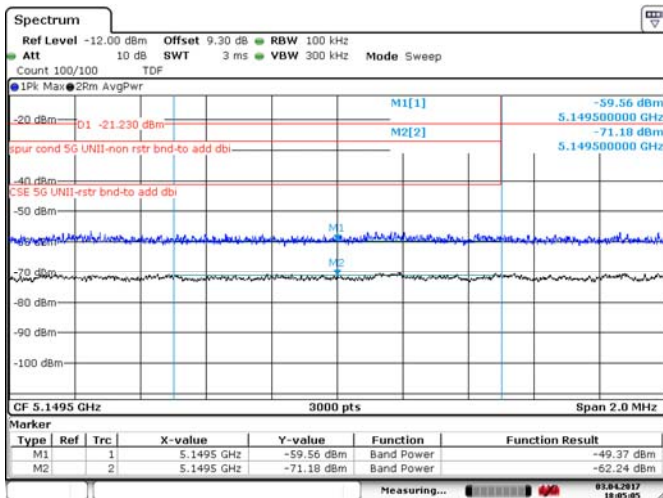
Date: 3.APR.2017 18:06:01

Figure 8.4-77: Lower band edge for FCC, 20 MHz channel, 10 dBi antenna, BPSK



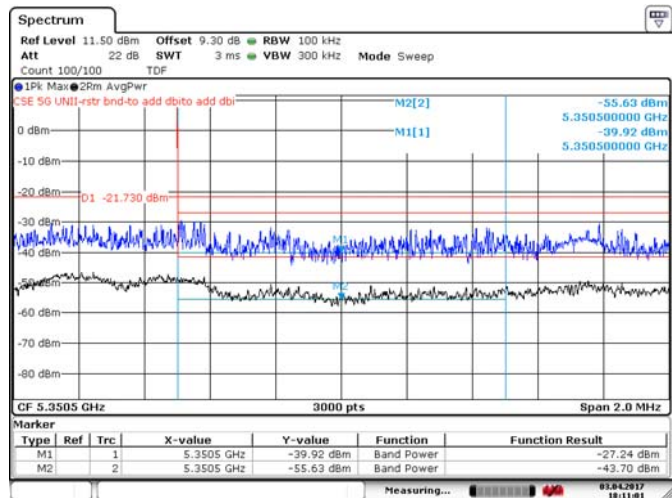
Date: 3.APR.2017 18:09:27

Figure 8.4-78: Upper band edge for FCC, 20 MHz channel, 10 dBi antenna, BPSK



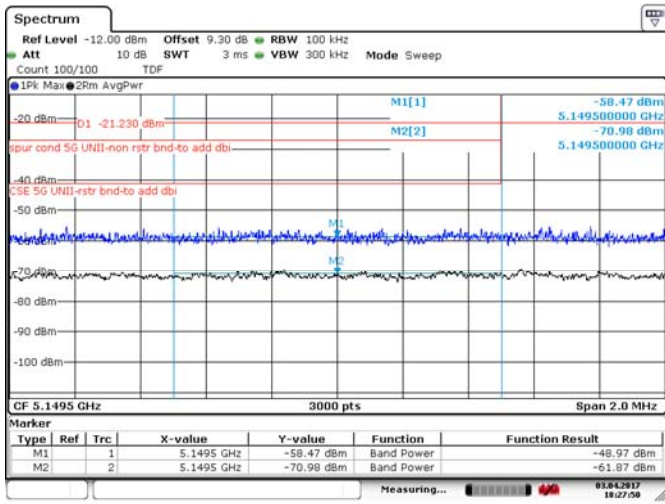
Date: 3.APR.2017 18:05:06

Figure 8.4-79: Lower band edge for FCC, 20 MHz channel, 10 dBi antenna, 256QAM



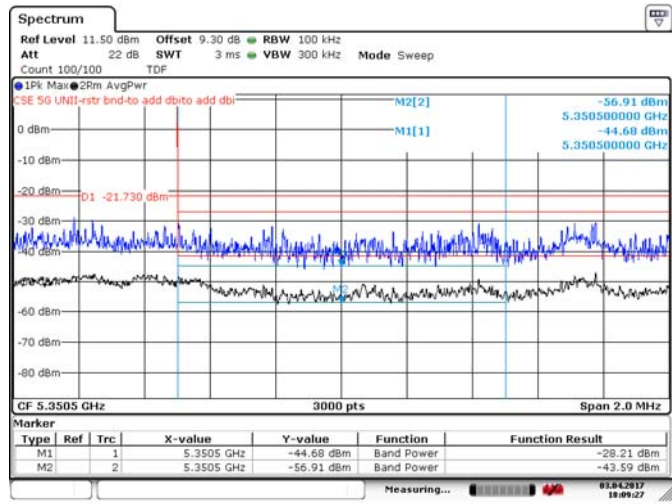
Date: 3.APR.2017 18:11:02

Figure 8.4-80: Upper band edge for FCC, 20 MHz channel, 10 dBi antenna, 256QAM



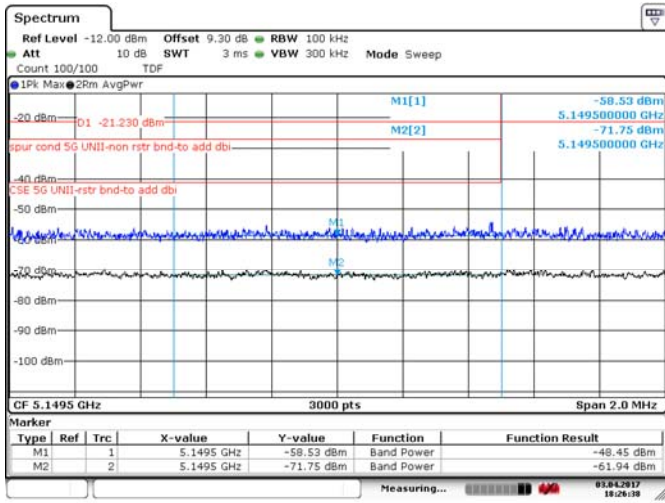
Date: 3.APR 2017 18:27:50

Figure 8.4-81: Lower band edge for FCC, 40 MHz channel, 10 dBi antenna, BPSK



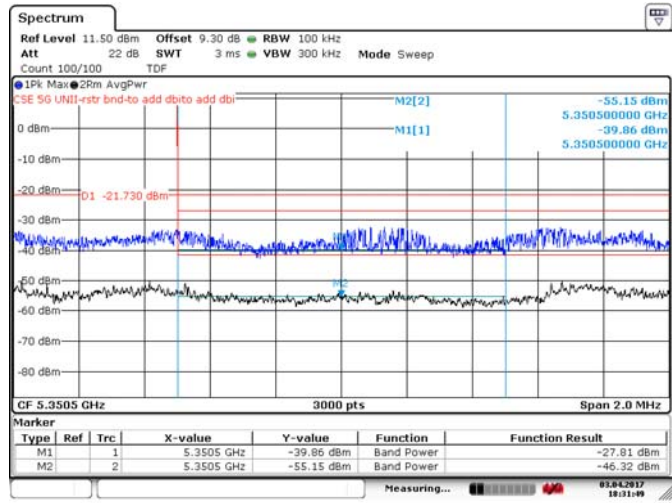
Date: 3.APR 2017 18:09:27

Figure 8.4-82: Upper band edge for FCC, 40 MHz channel, 10 dBi antenna, BPSK



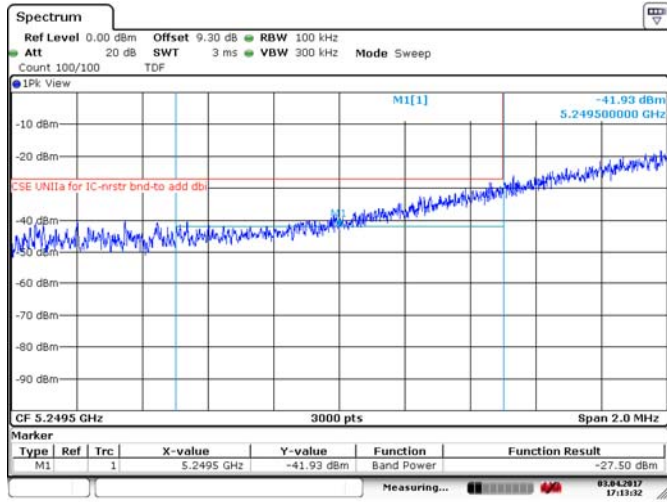
Date: 3.APR 2017 18:26:38

Figure 8.4-83: Lower band edge for FCC, 40 MHz channel, 10 dBi antenna, 256QAM



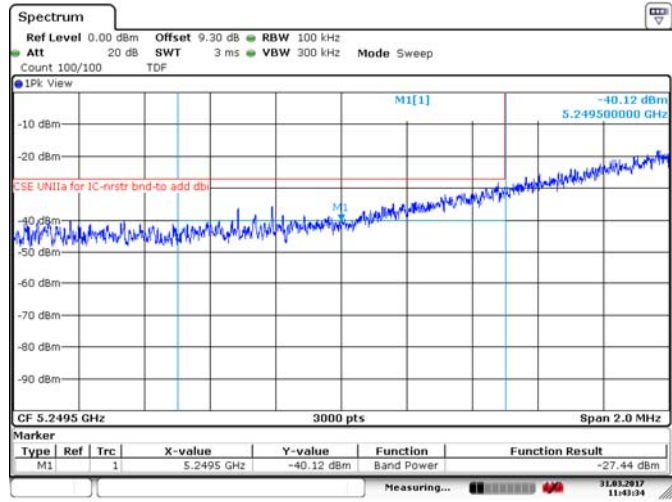
Date: 3.APR 2017 18:31:50

Figure 8.4-84: Upper band edge for FCC, 40 MHz channel, 10 dBi antenna, 256QAM



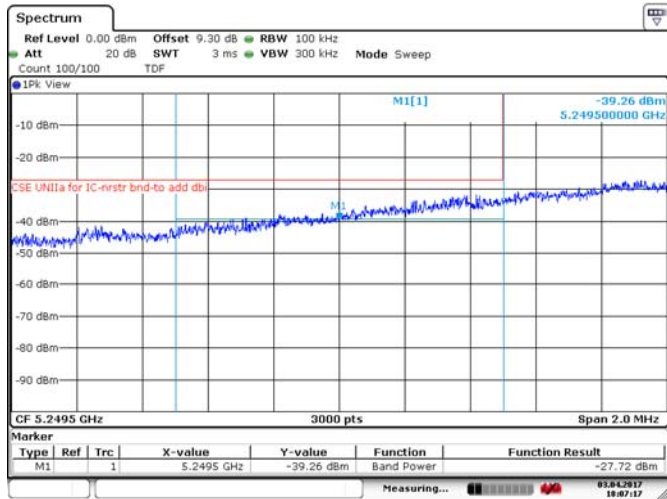
Date: 3 APR 2017 17:13:32

Figure 8.4-85: Lower band edge for ISED, 10 MHz channel, 10 dBi antenna, BPSK



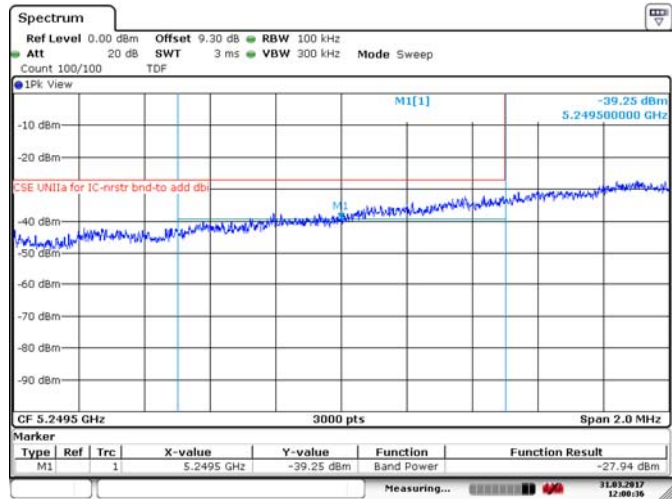
Date: 31 MAR 2017 11:43:34

Figure 8.4-86: Lower band edge for ISED, 10 MHz channel, 10 dBi antenna, 256QAM



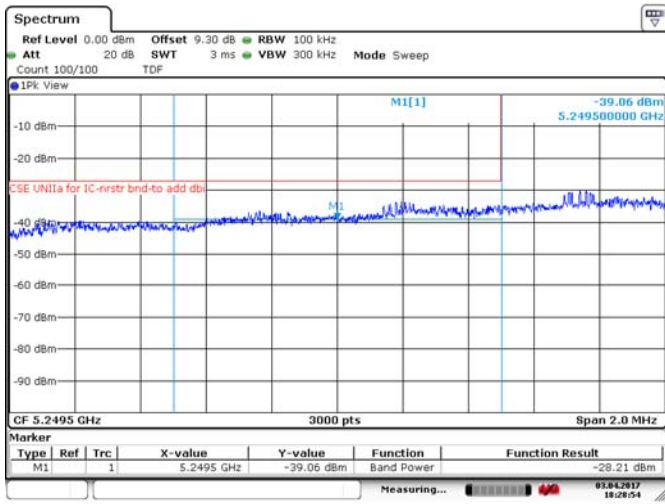
Date: 3 APR 2017 18:07:17

Figure 8.4-87: Lower band edge for ISED, 20 MHz channel, 10 dBi antenna, BPSK



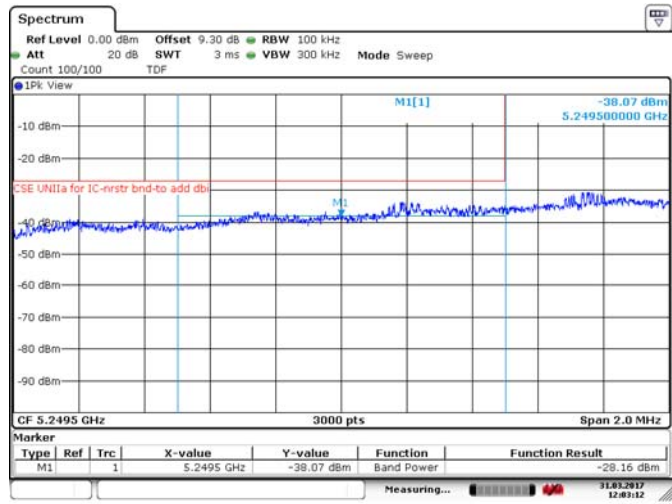
Date: 31 MAR 2017 12:00:36

Figure 8.4-88: Lower band edge for ISED, 20 MHz channel, 10 dBi antenna, 256QAM



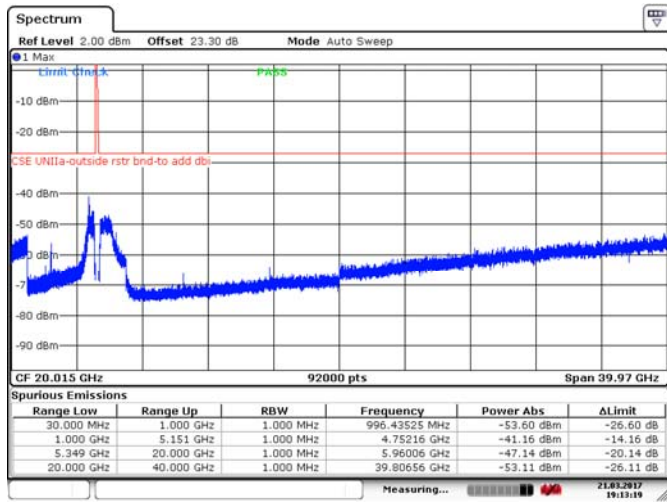
Date: 3 APR 2017 18:28:55

Figure 8.4-89: Lower band edge for ISED, 40 MHz channel, 10 dBi antenna, BPSK



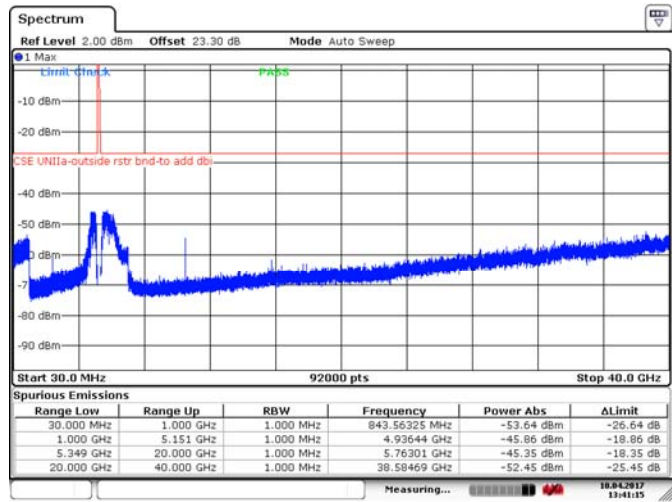
Date: 31 MAR 2017 12:03:13

Figure 8.4-90: Lower band edge for ISED, 40 MHz channel, 10 dBi antenna, 256QAM



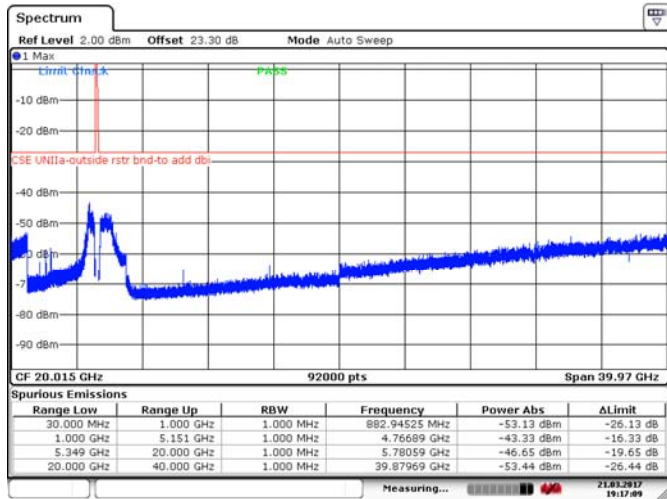
Date: 21.MAR.2017 19:13:19

Figure 8.4-91: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 24 dBi antenna, cho, BPSK



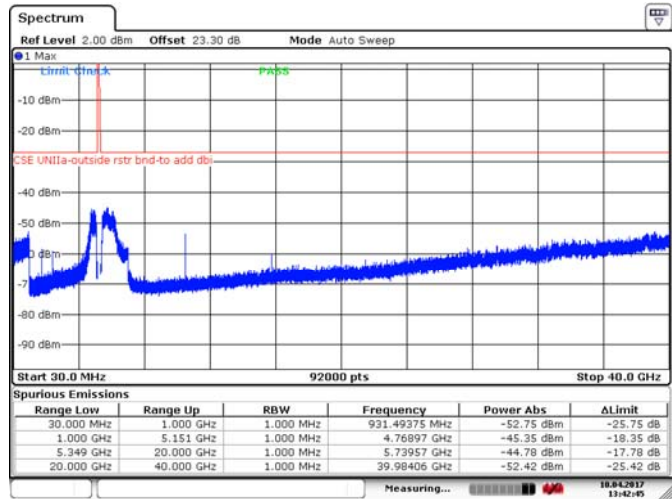
Date: 10.APR.2017 13:41:14

Figure 8.4-92: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



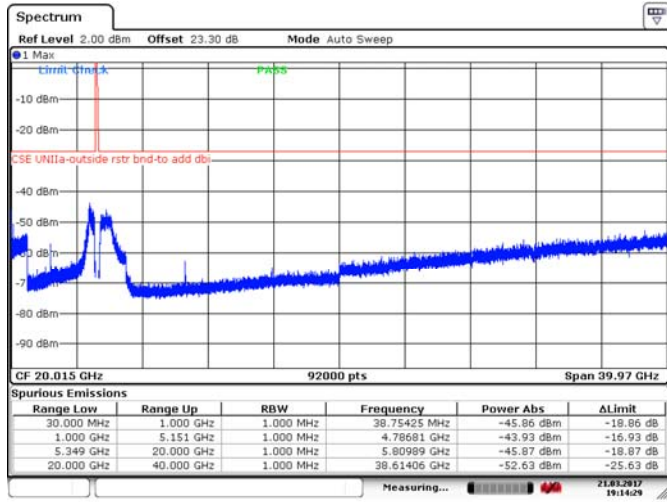
Date: 21.MAR.2017 19:17:09

Figure 8.4-93: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 24 dBi antenna, cho, 256QAM



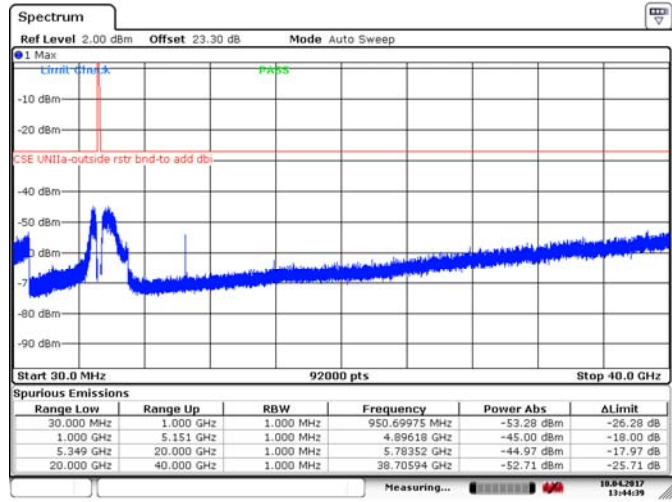
Date: 10.APR.2017 13:42:45

Figure 8.4-94: Spurious emissions outside restricted bands, 10 MHz channel, low channel, 24 dBi antenna, ch1, 256QAM



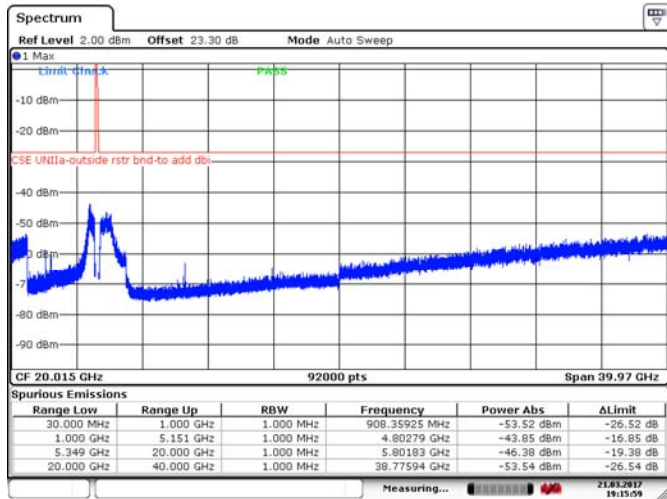
Date: 21.MAR.2017 19:14:29

Figure 8.4-95: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, cho, BPSK



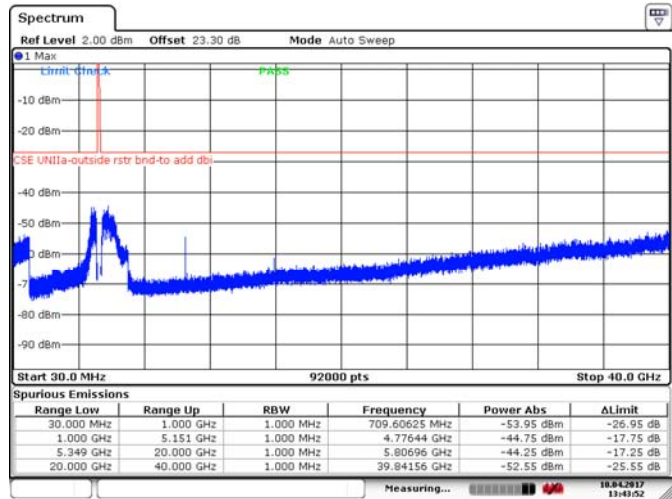
Date: 10.APR.2017 13:44:38

Figure 8.4-96: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK



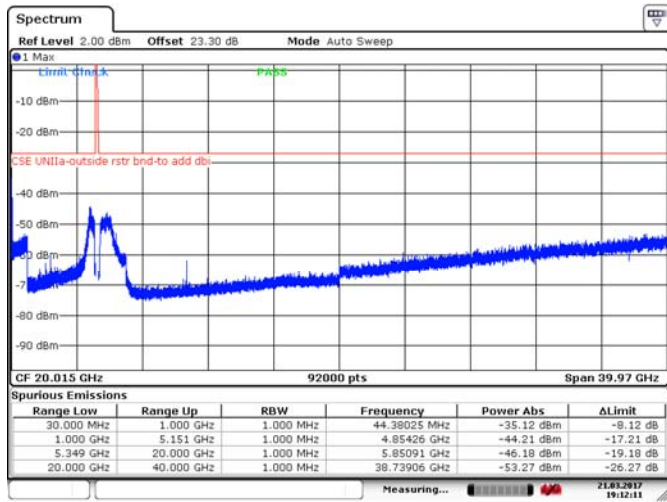
Date: 21.MAR.2017 19:15:59

Figure 8.4-97: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM



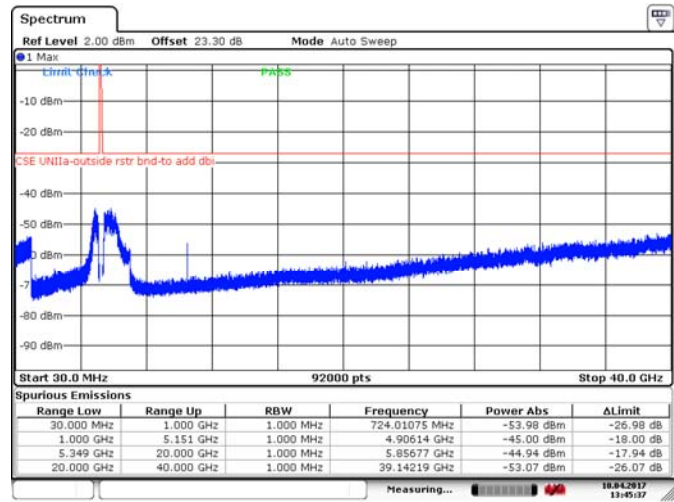
Date: 10.APR.2017 13:43:52

Figure 8.4-98: Spurious emissions outside restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM



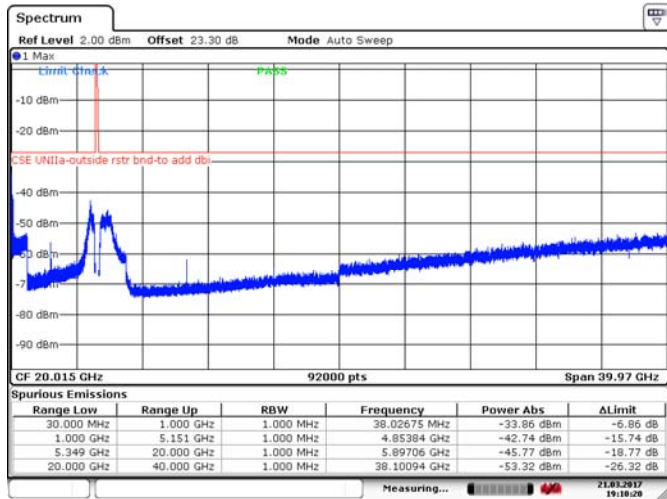
Date: 21.MAR.2017 19:12:10

Figure 8.4-99: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 24 dBi antenna, cho, BPSK



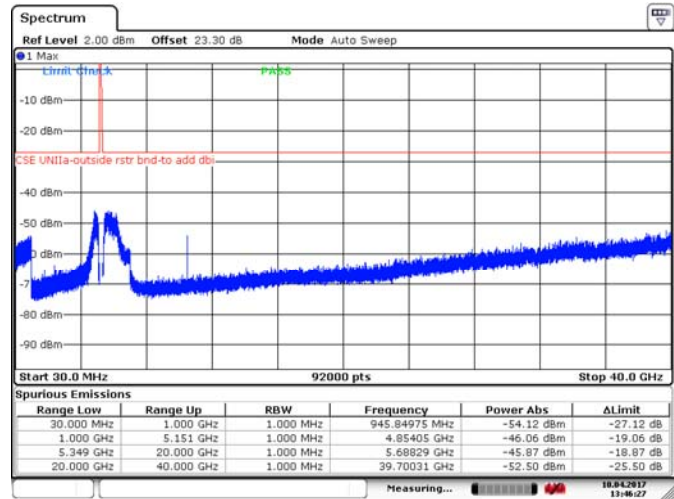
Date: 10.APR.2017 13:45:37

Figure 8.4-100: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 24 dBi antenna, ch1, BPSK



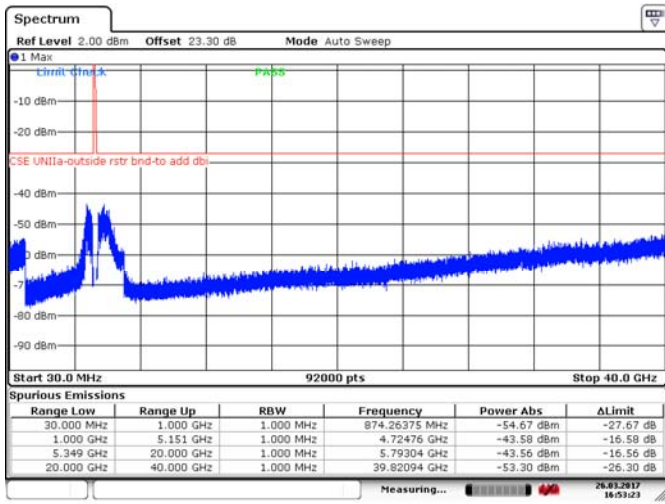
Date: 21.MAR.2017 19:10:19

Figure 8.4-101: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM



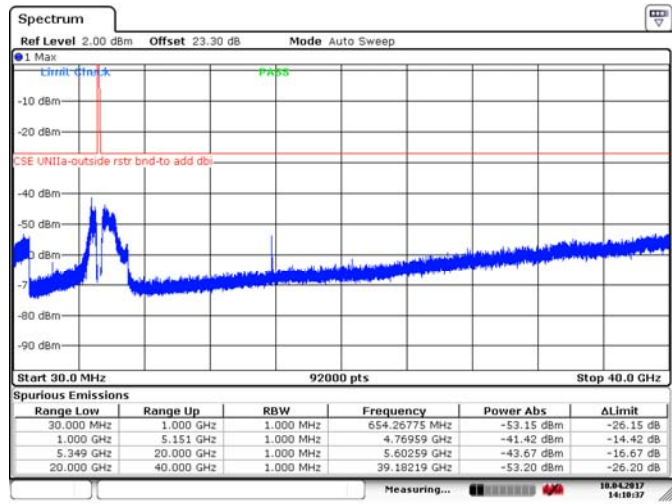
Date: 10.APR.2017 13:46:27

Figure 8.4-102: Spurious emissions outside restricted bands, 10 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM



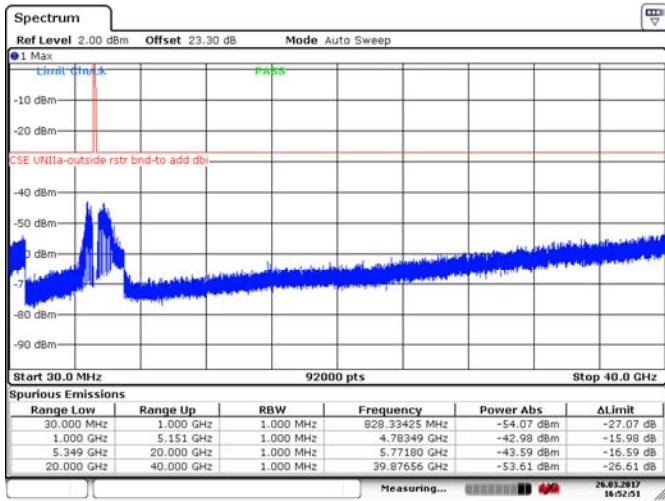
Date: 26 MAR 2017 16:53:23

Figure 8.4-103: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 24 dBi antenna, cho, BPSK



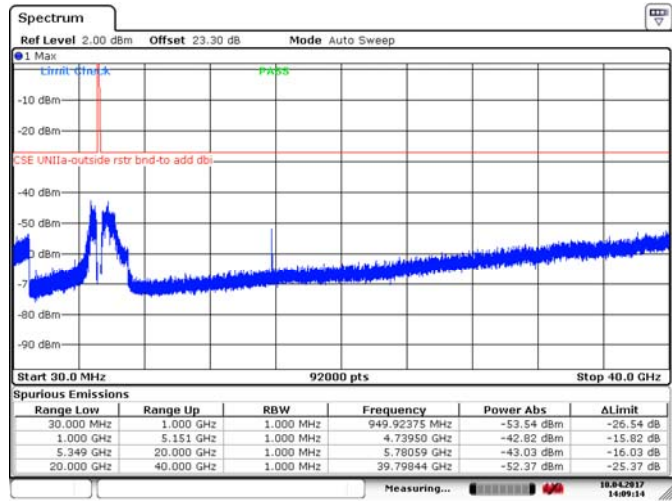
Date: 10 APR 2017 14:10:36

Figure 8.4-104: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



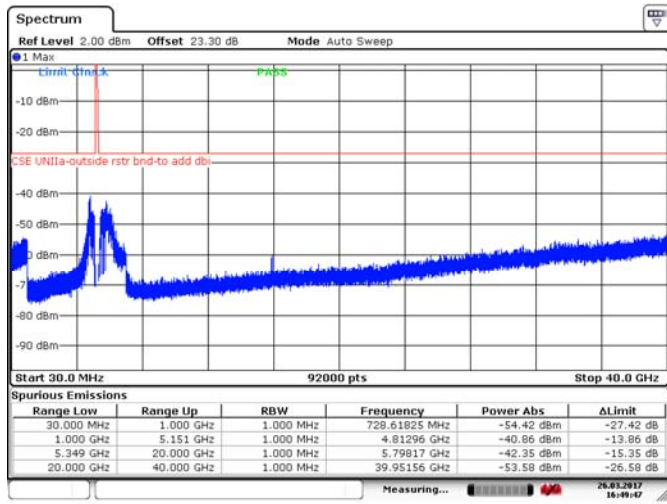
Date: 26 MAR 2017 16:52:50

Figure 8.4-105: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 24 dBi antenna, cho, 256QAM



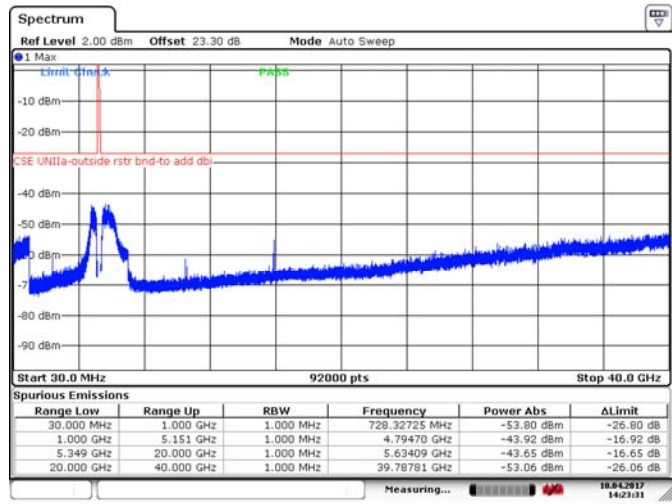
Date: 10 APR 2017 14:09:13

Figure 8.4-106: Spurious emissions outside restricted bands, 20 MHz channel, low channel, 24 dBi antenna, ch1, 256QAM



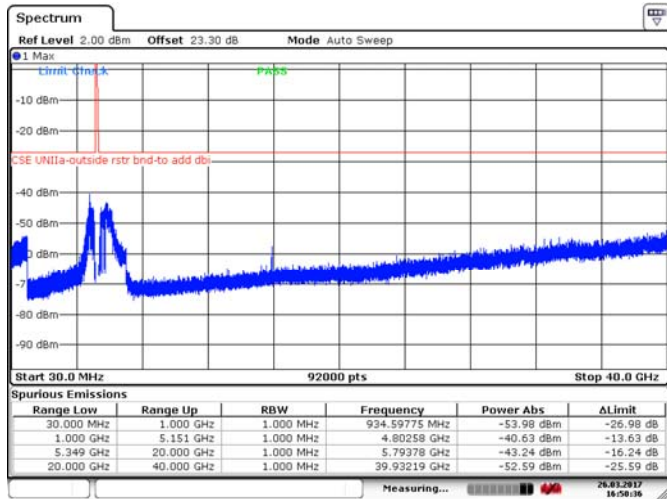
Date: 26 MAR 2017 16:49:47

Figure 8.4-107: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, cho, BPSK



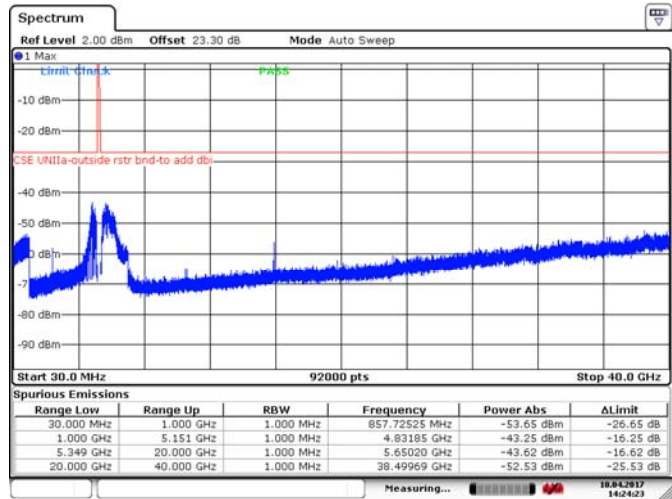
Date: 10 APR 2017 14:23:31

Figure 8.4-108: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 16:50:36

Figure 8.4-109: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM



Date: 10 APR 2017 14:24:22

Figure 8.4-110: Spurious emissions outside restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM

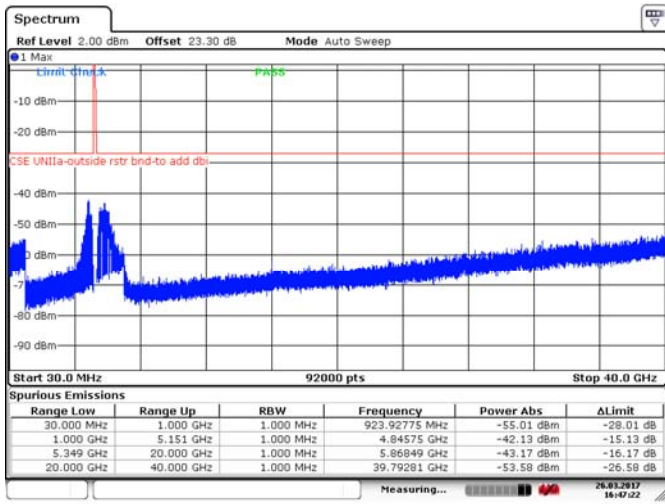


Figure 8.4-111: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 24 dBi antenna, cho, BPSK

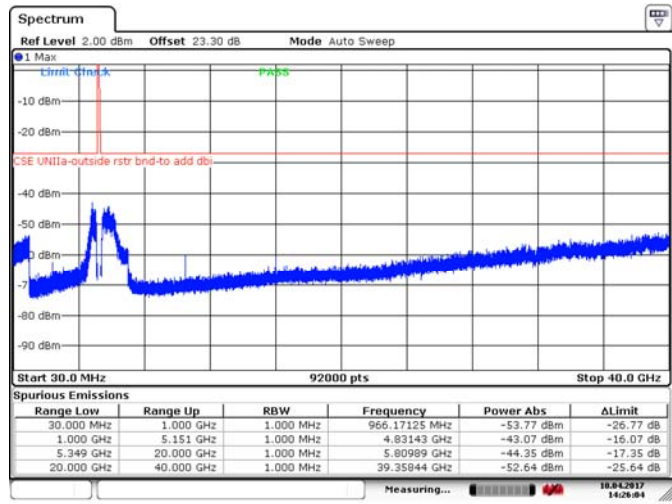


Figure 8.4-112: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 24 dBi antenna, ch1, BPSK

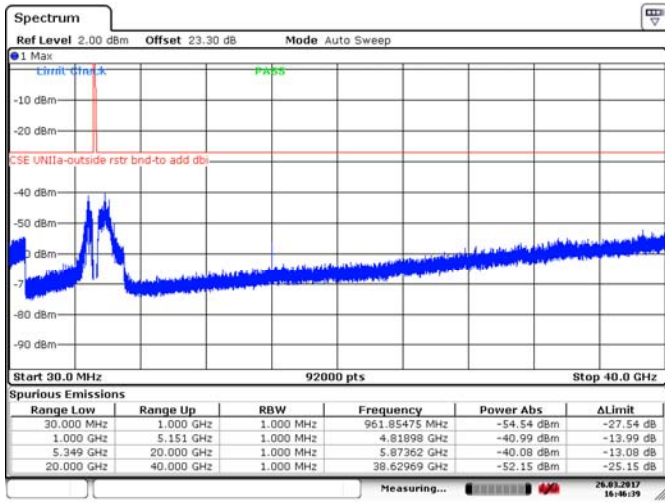


Figure 8.4-113: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM

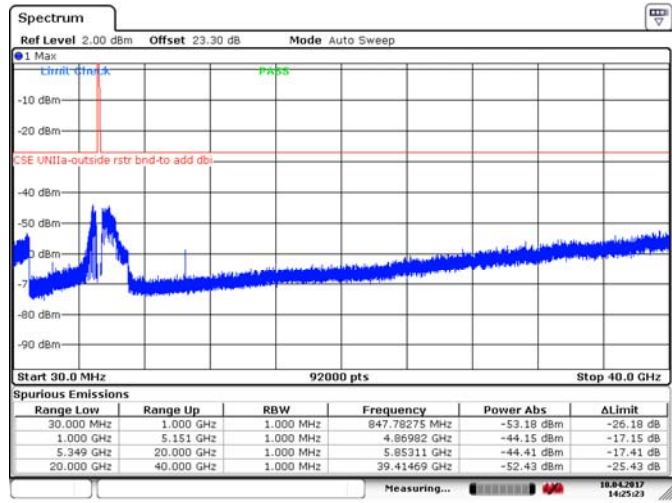
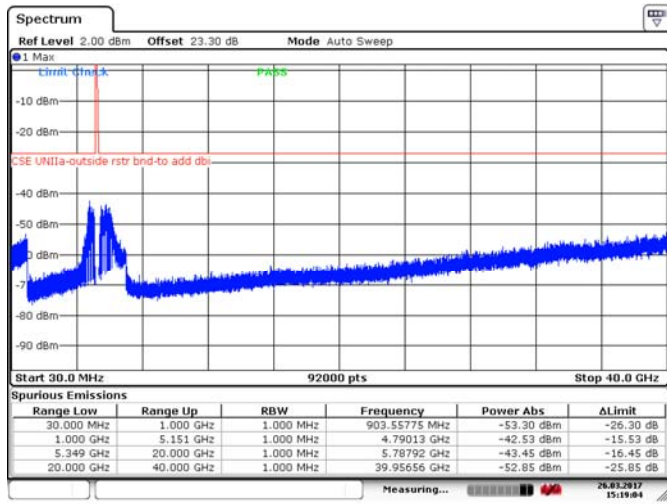
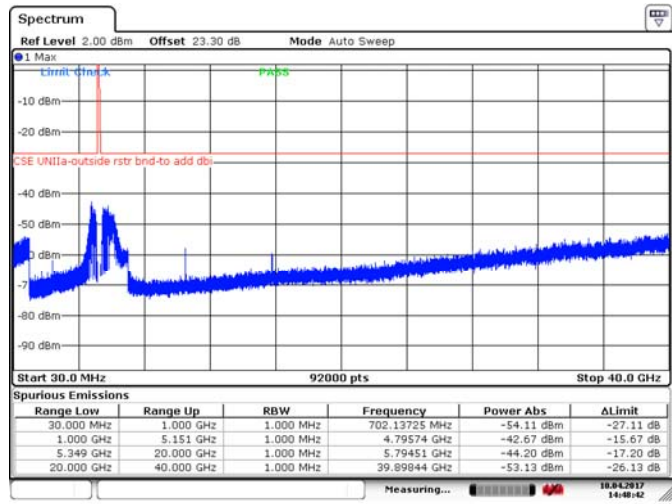


Figure 8.4-114: Spurious emissions outside restricted bands, 20 MHz channel, high channel, 24 dBi antenna, ch1, 256-QAM



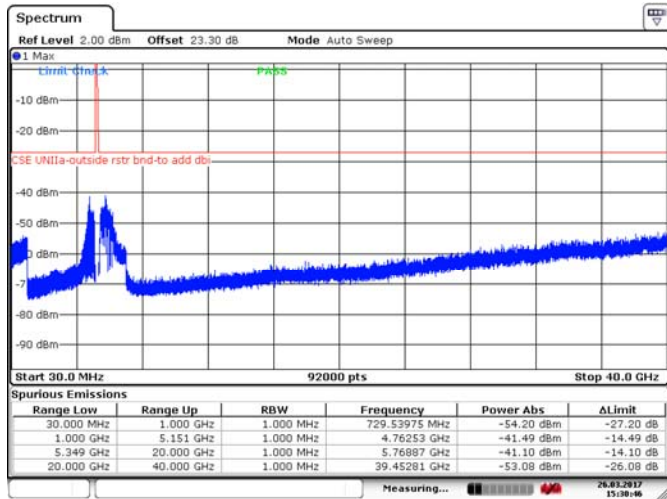
Date: 26 MAR 2017 15:19:04

Figure 8.4-115: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 24 dBi antenna, cho, BPSK



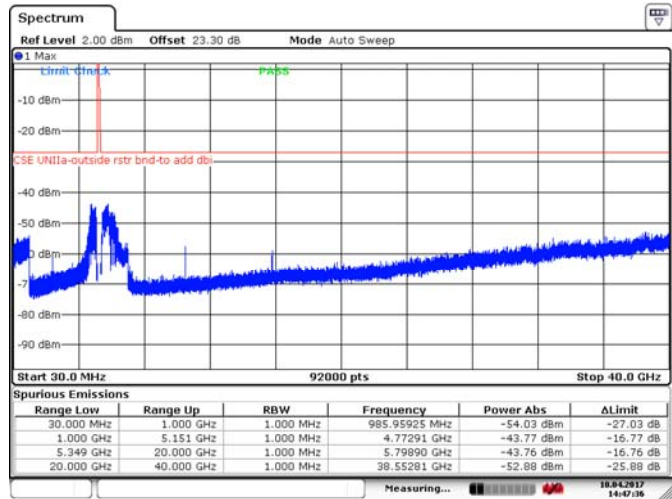
Date: 10 APR 2017 14:48:42

Figure 8.4-116: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



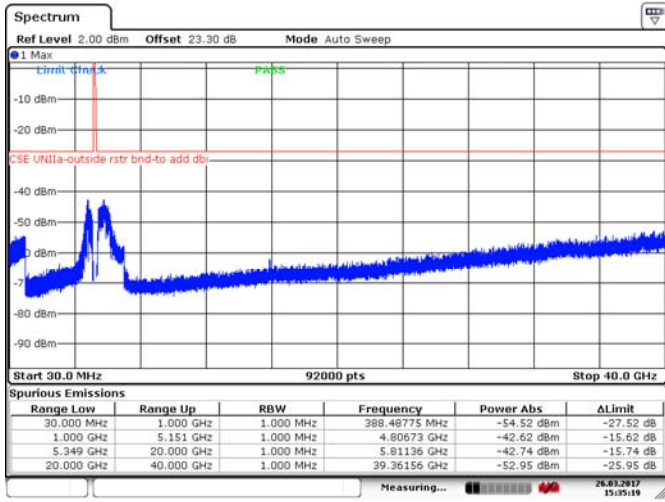
Date: 26 MAR 2017 15:30:47

Figure 8.4-117: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 24 dBi antenna, cho, 256QAM



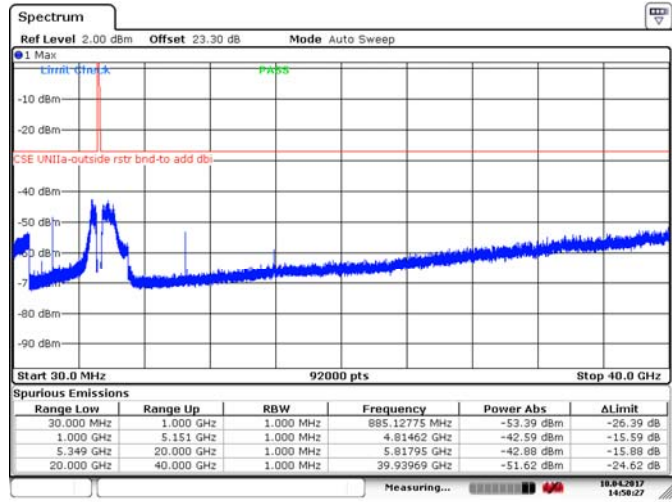
Date: 10 APR 2017 14:47:35

Figure 8.4-118: Spurious emissions outside restricted bands, 40 MHz channel, low channel, 24 dBi antenna, ch1, 256QAM



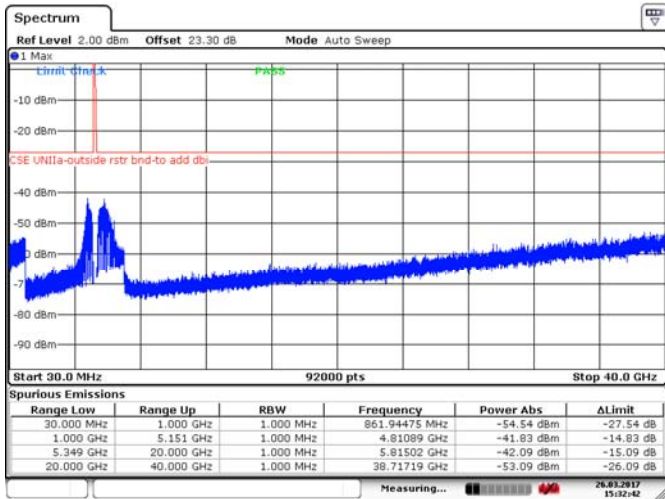
Date: 26 MAR 2017 15:35:19

Figure 8.4-119: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, cho, BPSK



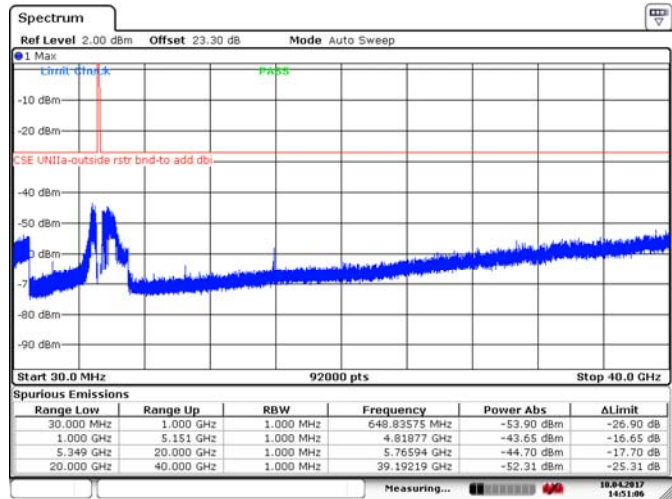
Date: 10 APR 2017 14:50:26

Figure 8.4-120: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK



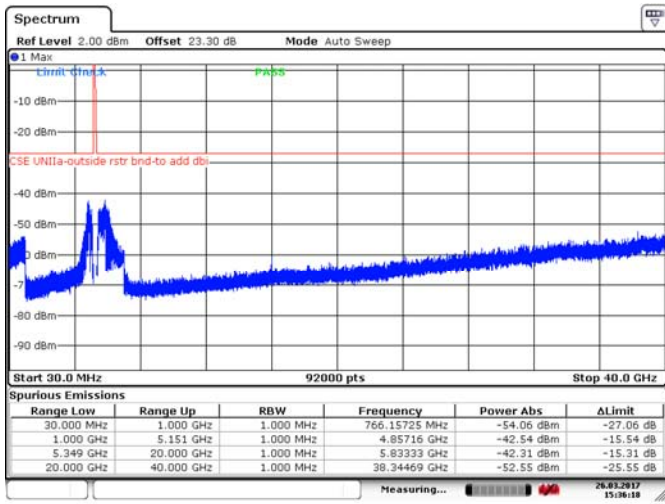
Date: 26 MAR 2017 15:32:42

Figure 8.4-121: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM



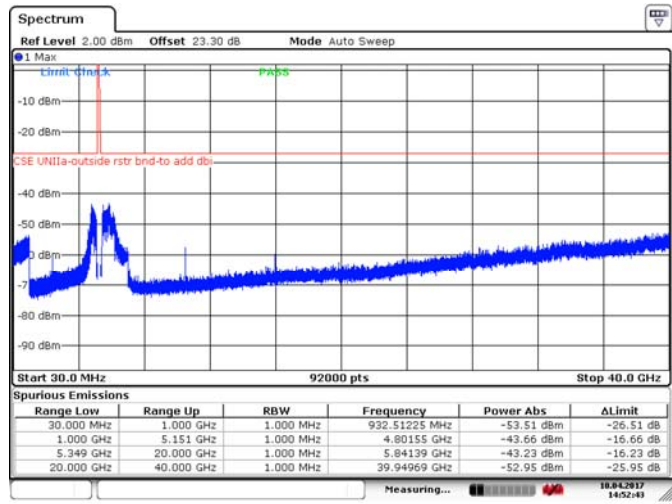
Date: 10 APR 2017 14:51:06

Figure 8.4-122: Spurious emissions outside restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM



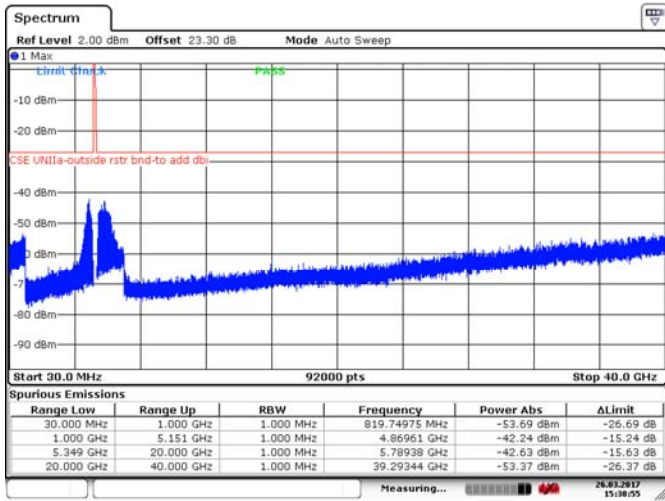
Date: 26 MAR 2017 15:36:18

Figure 8.4-123: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 24 dBi antenna, cho, BPSK



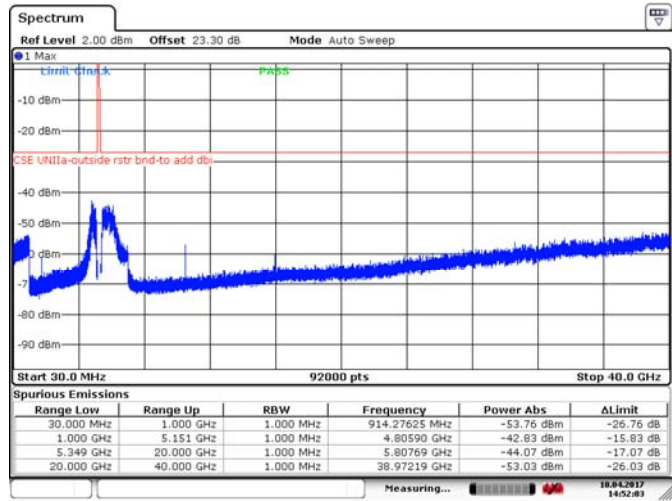
Date: 10 APR 2017 14:52:43

Figure 8.4-124: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 15:38:55

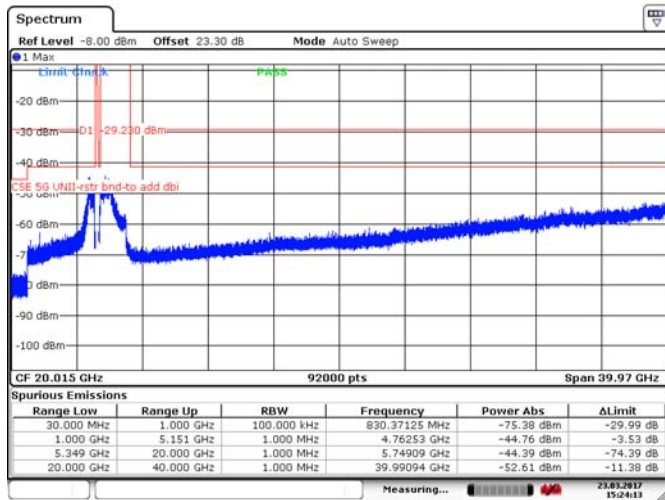
Figure 8.4-125: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM



Date: 10 APR 2017 14:52:02

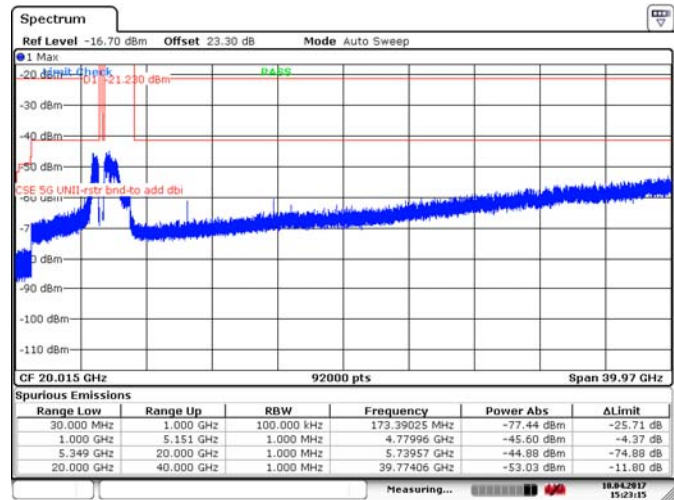
Figure 8.4-126: Spurious emissions outside restricted bands, 40 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM

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



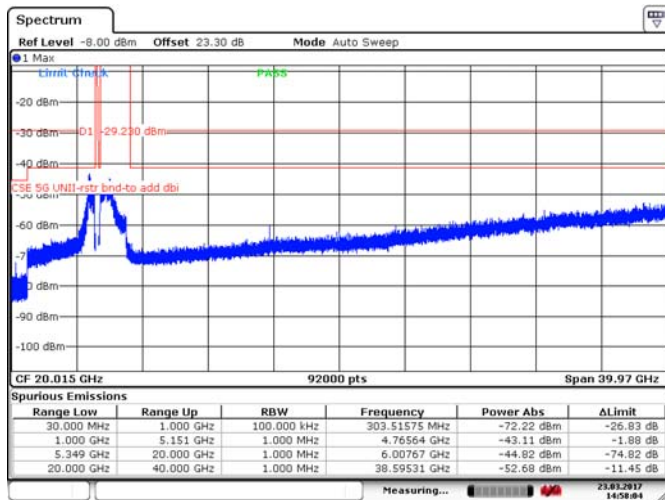
Date: 23 MAR 2017 15:24:12

Figure 8.4-127: Spurious emissions within restricted bands, 10 MHz channel, low channel, 24 dBi antenna, cho, BPSK



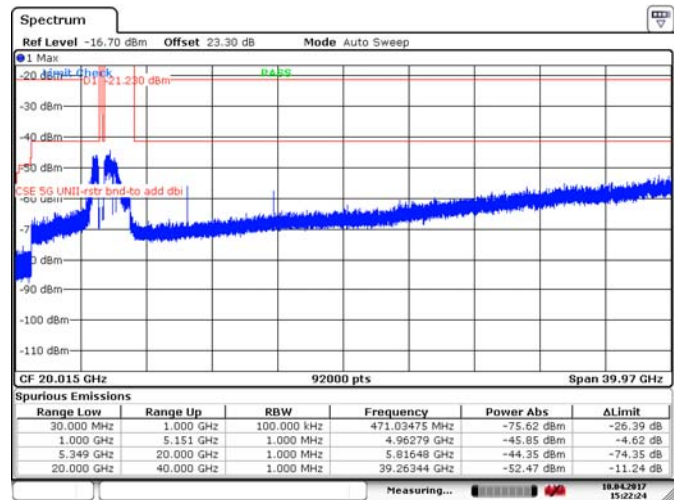
Date: 10 APR 2017 15:23:14

Figure 8.4-128: Spurious emissions within restricted bands, 10 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



Date: 23 MAR 2017 14:58:04

Figure 8.4-129: Spurious emissions within restricted bands, 10 MHz channel, low channel, 24 dBi antenna, cho, 256QAM



Date: 10 APR 2017 15:22:23

Figure 8.4-130: Spurious emissions within restricted bands, 10 MHz channel, low channel, 24 dBi antenna, ch1, 256QAM

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

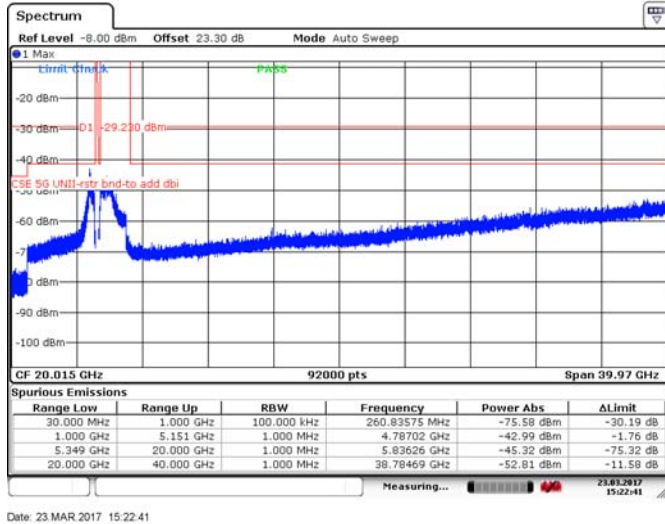


Figure 8.4-131: Spurious emissions within restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, cho, BPSK

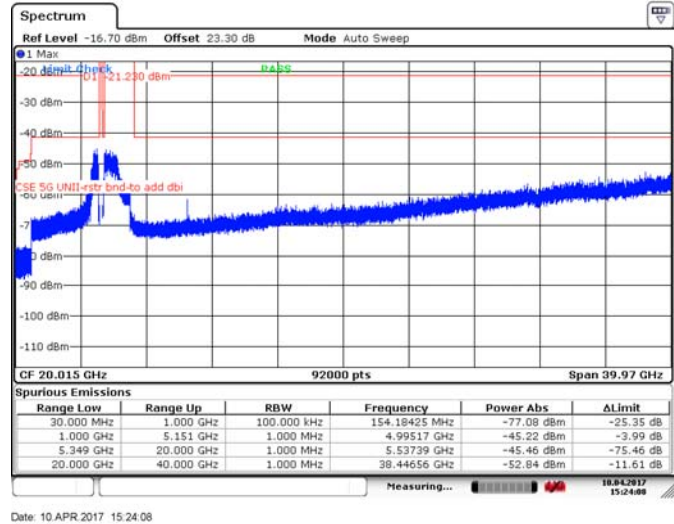


Figure 8.4-132: Spurious emissions within restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK

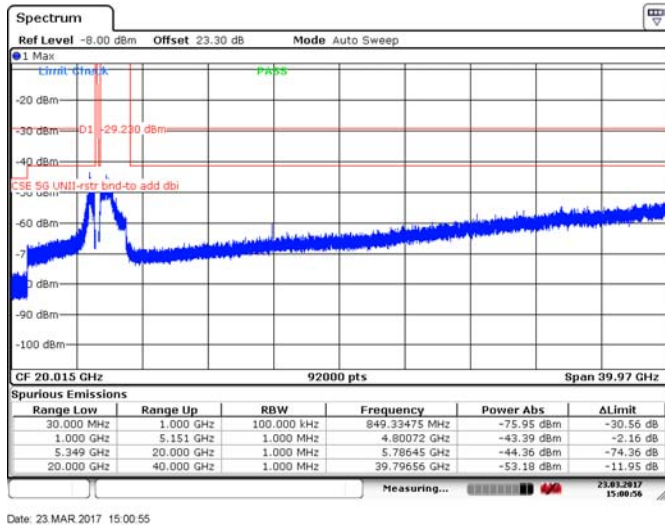


Figure 8.4-133: Spurious emissions within restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM

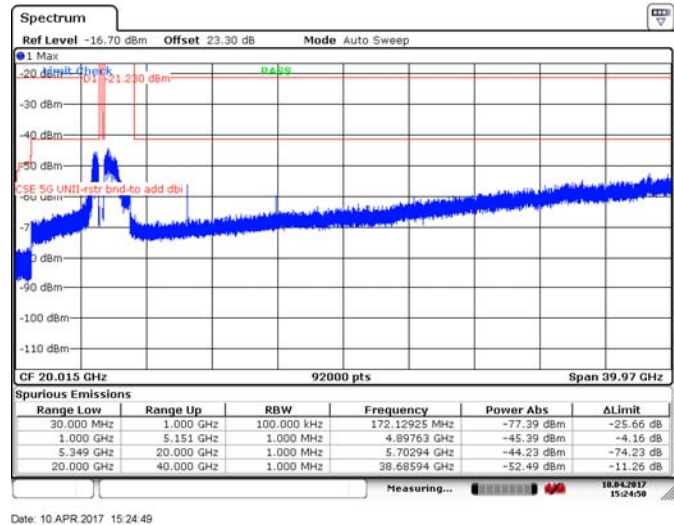
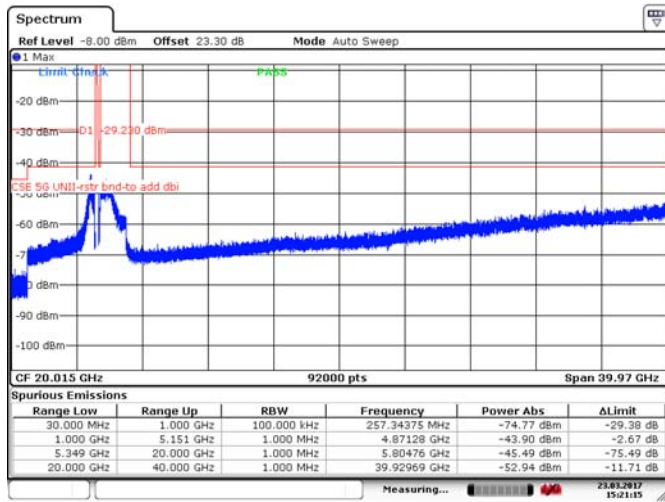


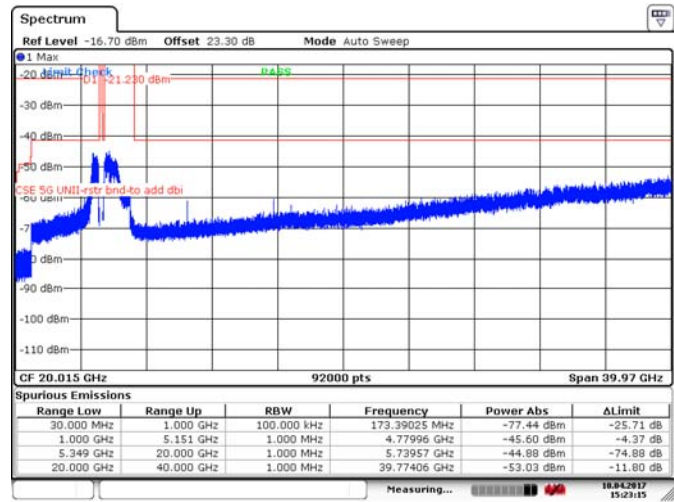
Figure 8.4-134: Spurious emissions within restricted bands, 10 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM

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



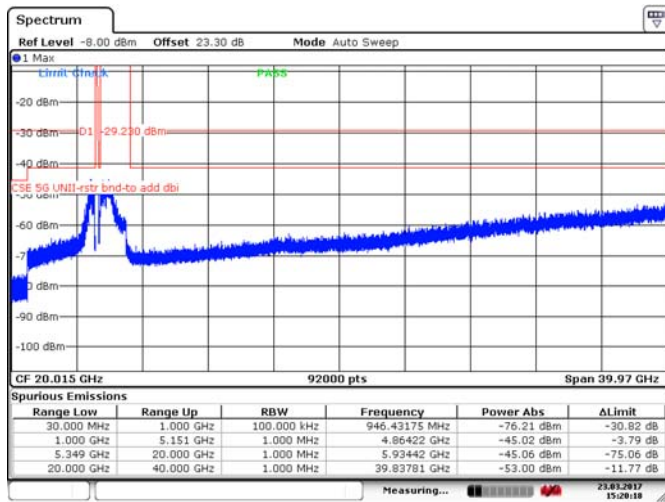
Date: 23 MAR 2017 15:21:15

Figure 8.4-135: Spurious emissions within restricted bands, 10 MHz channel, high channel, 24 dBi antenna, cho, BPSK



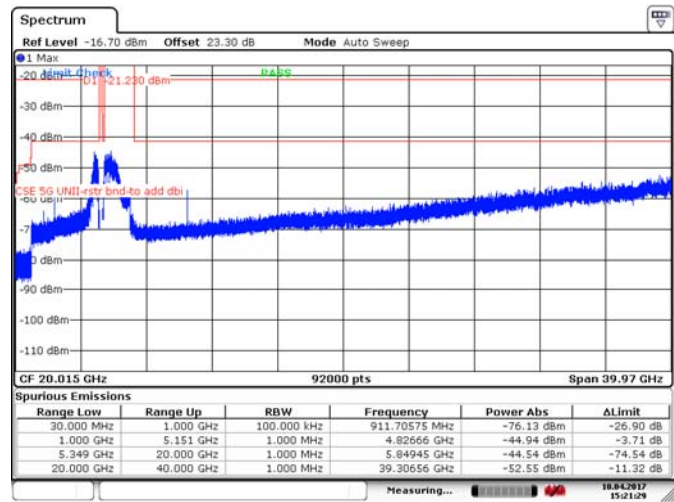
Date: 10 APR 2017 15:23:14

Figure 8.4-136: Spurious emissions within restricted bands, 10 MHz channel, high channel, 24 dBi antenna, ch1, BPSK



Date: 23 MAR 2017 15:20:18

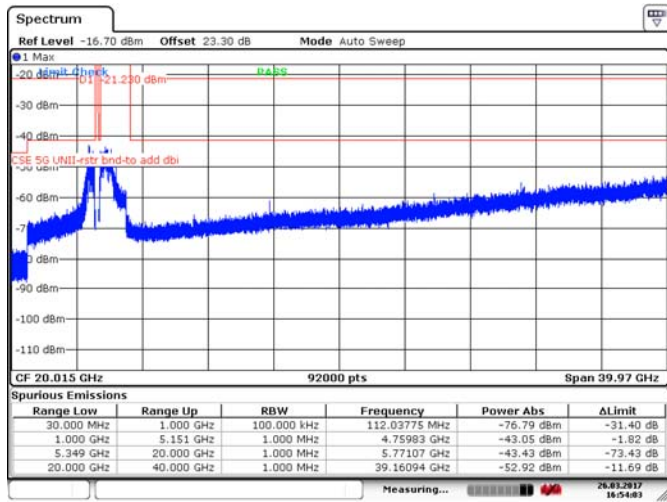
Figure 8.4-137: Spurious emissions within restricted bands, 10 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM



Date: 10 APR 2017 15:21:28

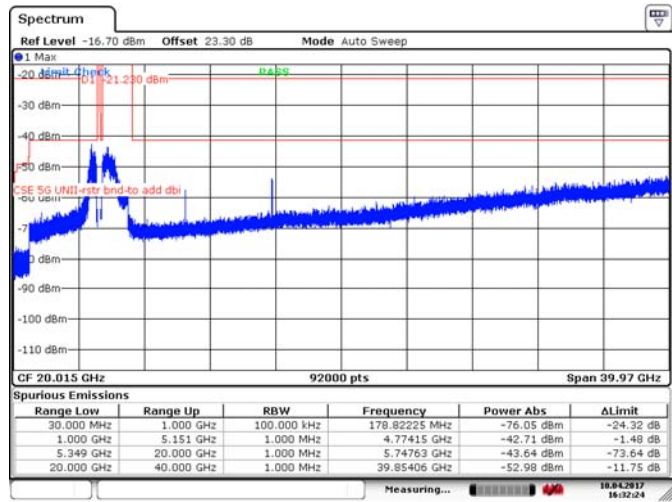
Figure 8.4-138: Spurious emissions within restricted bands, 10 MHz channel, high channel, 24 dBi antenna, ch1, 256-QAM

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



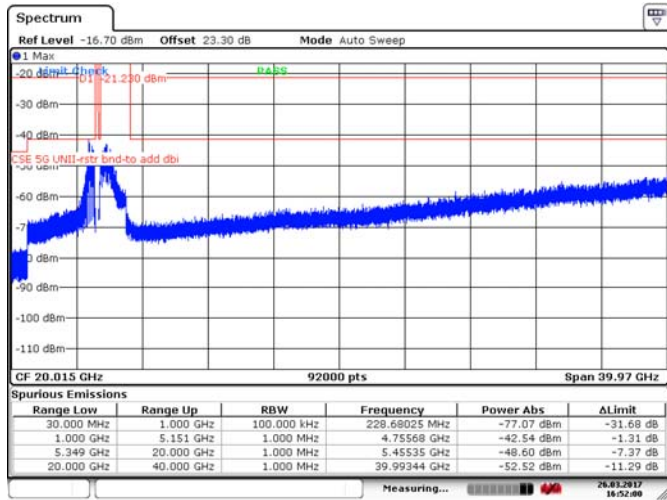
Date: 26 MAR 2017 16:54:03

Figure 8.4-139: Spurious emissions within restricted bands, 20 MHz channel, low channel, 24 dBi antenna, cho, BPSK



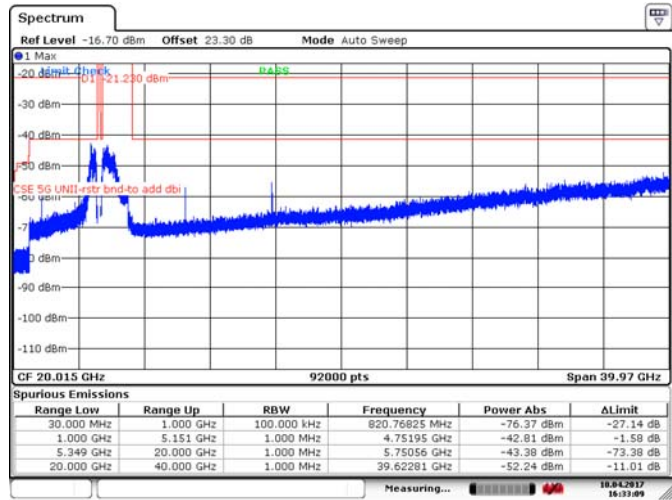
Date: 10 APR 2017 16:32:23

Figure 8.4-140: Spurious emissions within restricted bands, 20 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 16:52:00

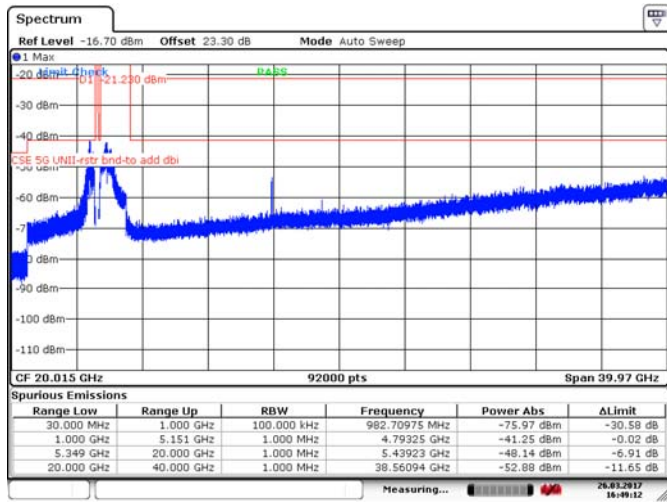
Figure 8.4-141: Spurious emissions within restricted bands, 20 MHz channel, low channel, 24 dBi antenna, cho,256QAM



Date: 10 APR 2017 16:33:08

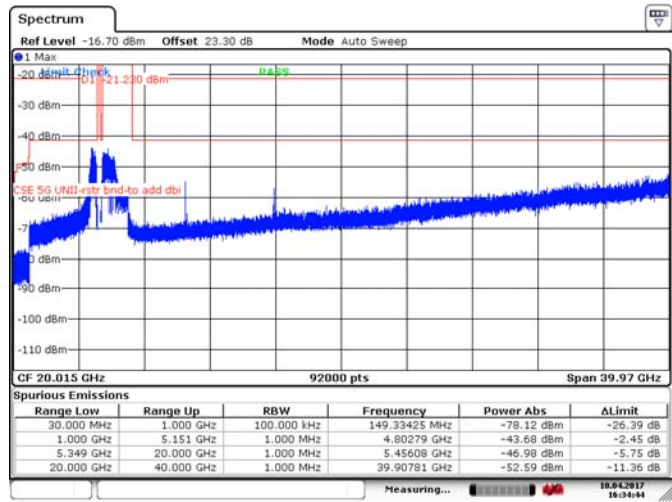
Figure 8.4-142: Spurious emissions within restricted bands, 20 MHz channel, low channel, 24 dBi antenna, ch1,256QAM

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



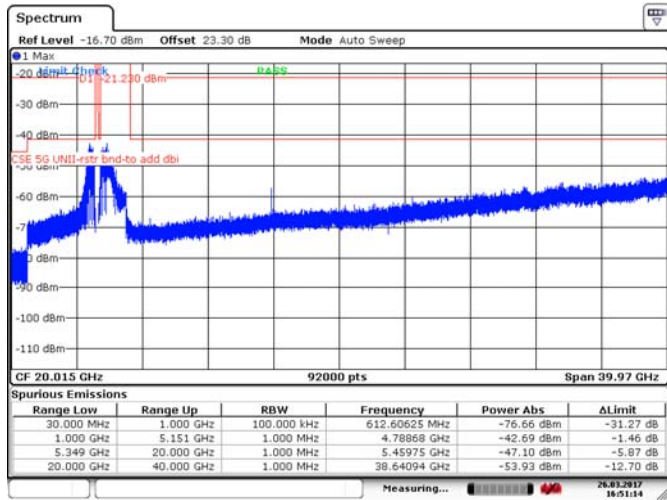
Date: 26 MAR 2017 16:48:11

Figure 8.4-143: Spurious emissions within restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, cho, BPSK



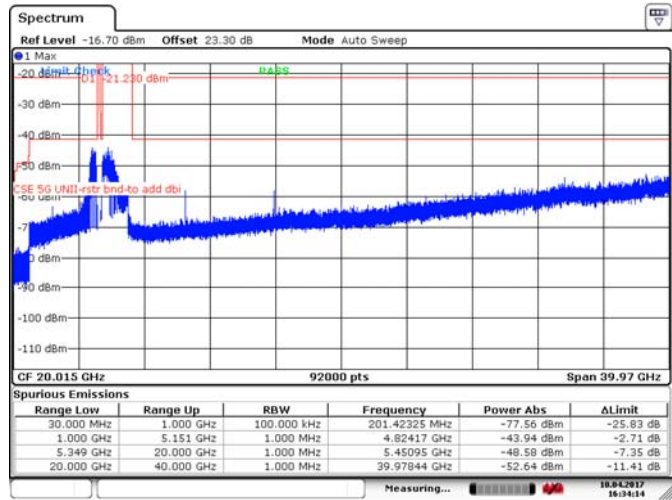
Date: 10 APR 2017 16:34:43

Figure 8.4-144: Spurious emissions within restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 16:51:13

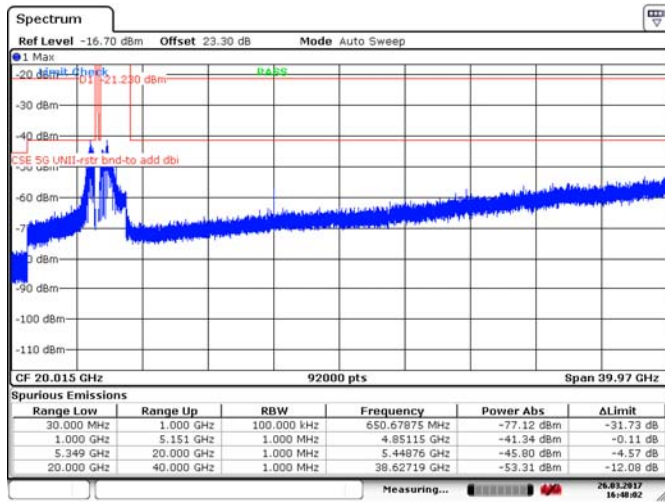
Figure 8.4-145: Spurious emissions within restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM



Date: 10 APR 2017 16:34:13

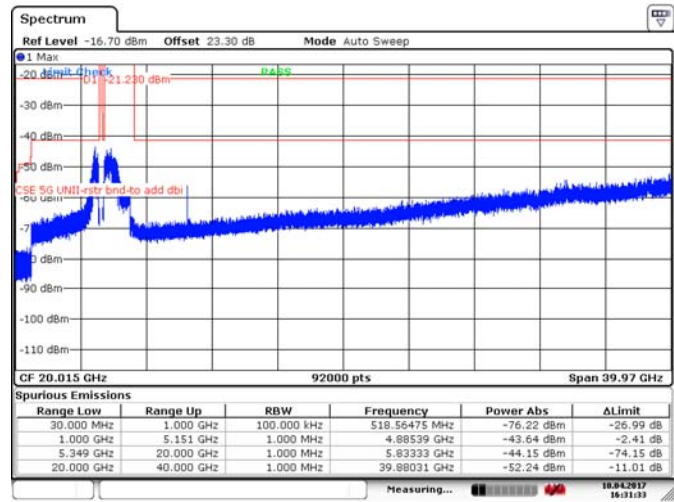
Figure 8.4-146: Spurious emissions within restricted bands, 20 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM

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



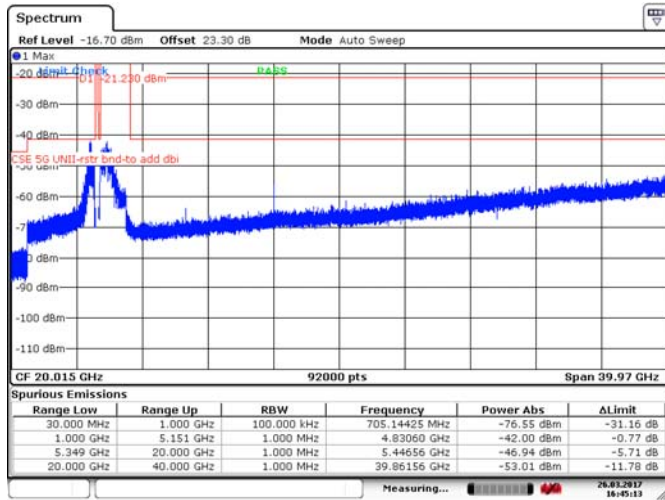
Date: 26 MAR 2017 16:48:01

Figure 8.4-147: Spurious emissions within restricted bands, 20 MHz channel, high channel, 24 dBi antenna, cho, BPSK



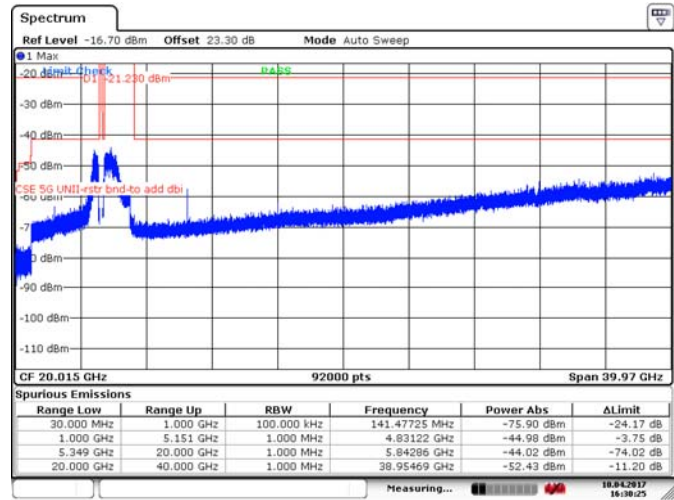
Date: 10 APR 2017 16:31:33

Figure 8.4-148: Spurious emissions within restricted bands, 20 MHz channel, high channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 16:45:13

Figure 8.4-149: Spurious emissions within restricted bands, 20 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM,



Date: 10 APR 2017 16:30:25

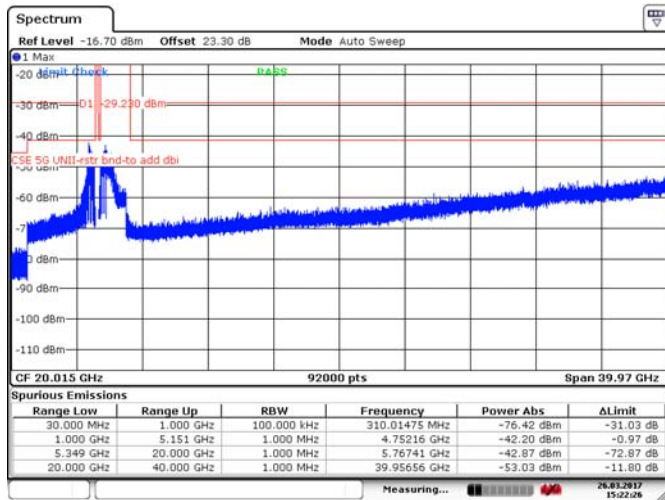
Figure 8.4-150: Spurious emissions within restricted bands, 20 MHz channel, high channel, 24 dBi antenna, ch1, 256-QAM,

Section 8
Test name
Specification

Testing data
 FCC 15.407(b) and RSS-247 6.2.2.2 Spurious (out-of-band) emissions
 FCC Part 15 Subpart E and RSS-247 Issue 2

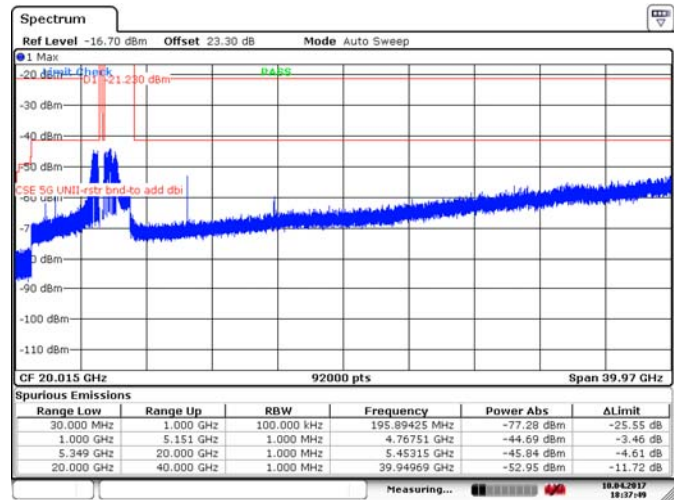


Peak limit EIRP equivalent: 74 dBμV/m – 95.23 dB = –21.23 dBm
 Average limit EIRP equivalent: 54 dBμV/m – 95.23 dB = –41.23 dBm



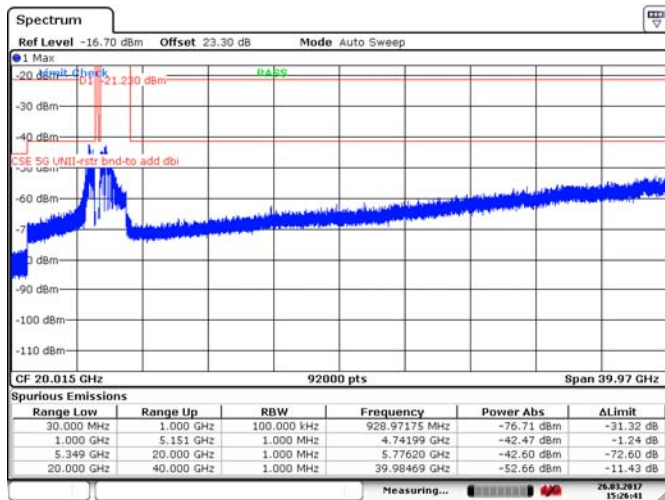
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Figure 8.4-151: Spurious emissions within restricted bands, 40 MHz channel, low channel, 24 dBi antenna, cho, BPSK



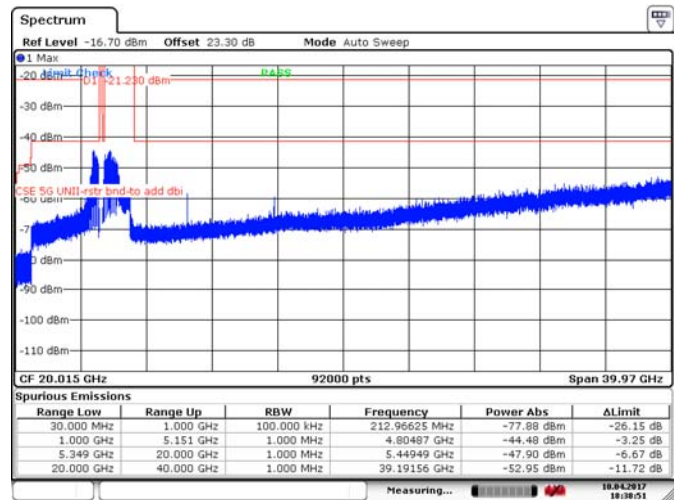
Date: 10 APR 2017 18:37:49

Figure 8.4-152: Spurious emissions within restricted bands, 40 MHz channel, low channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 15:26:40

Figure 8.4-153: Spurious emissions within restricted bands, 40 MHz channel, low channel, 24 dBi antenna, cho, 256QAM



Date: 10 APR 2017 18:38:50

Figure 8.4-154: Spurious emissions within restricted bands, 40 MHz channel, low channel, 24 dBi antenna, ch1, 256QAM

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

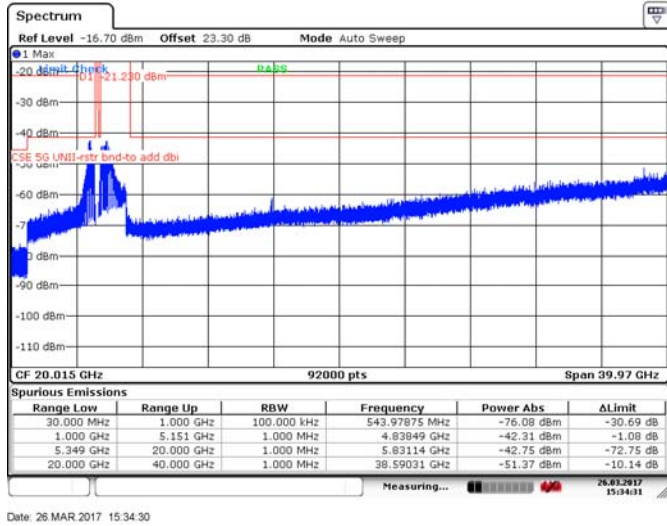


Figure 8.4-155: Spurious emissions within restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, cho, BPSK

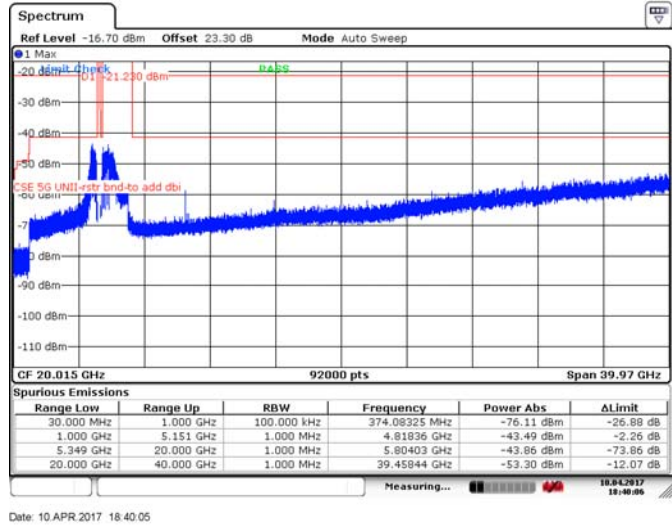


Figure 8.4-156: Spurious emissions within restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, ch1, BPSK

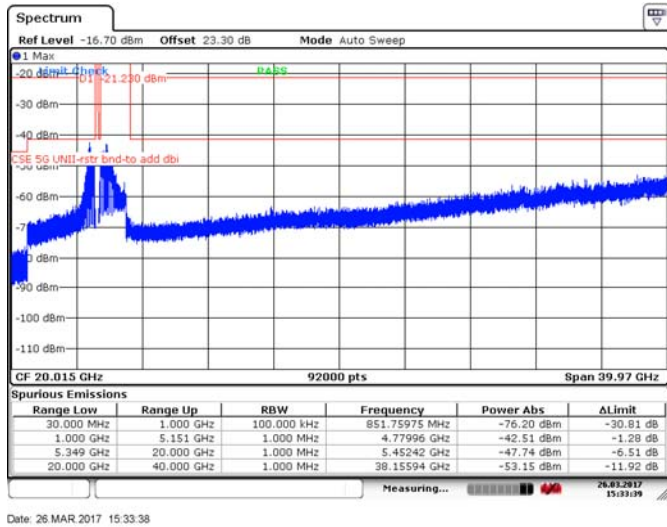


Figure 8.4-157: Spurious emissions within restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, cho, 256-QAM

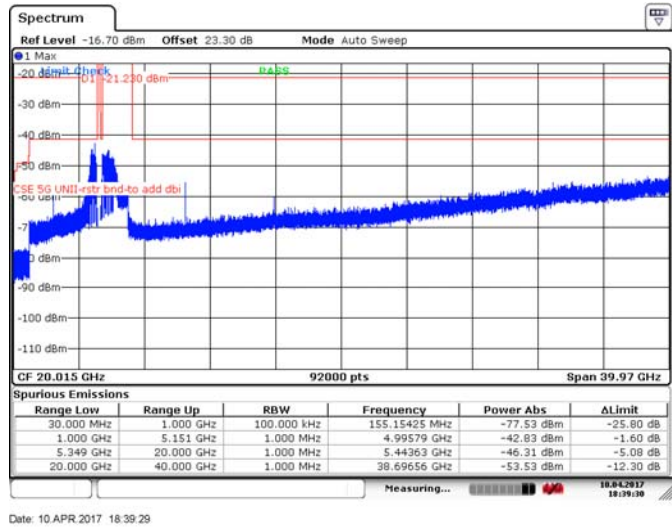
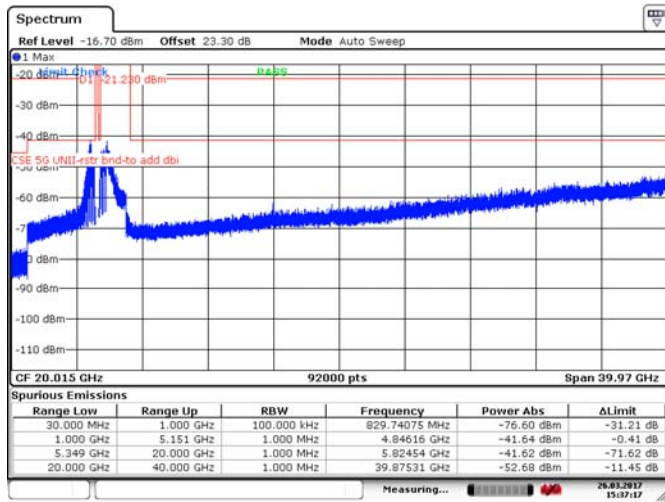


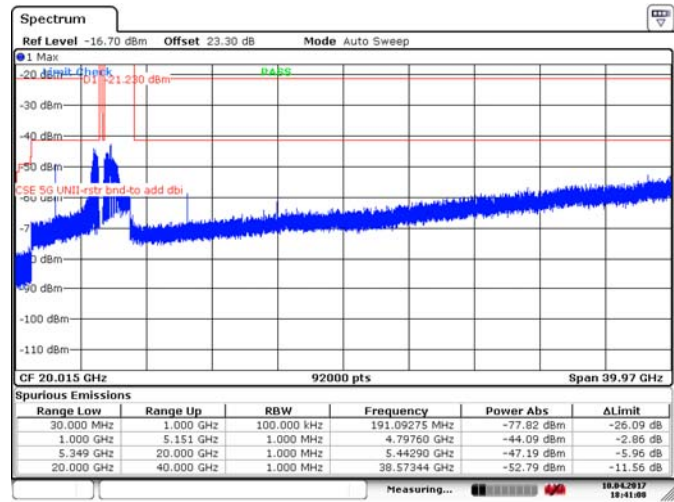
Figure 8.4-158: Spurious emissions within restricted bands, 40 MHz channel, mid channel, 24 dBi antenna, ch1, 256-QAM

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



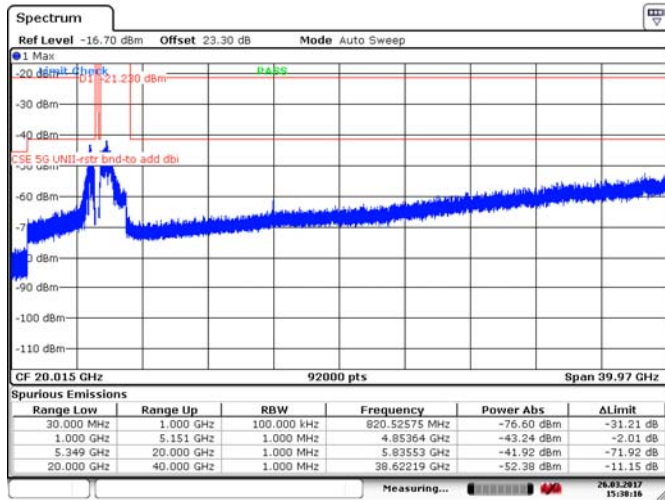
Date: 26 MAR 2017 15:37:17

Figure 8.4-159: Spurious emissions within restricted bands, 40 MHz channel, high channel, 24 dBi antenna, cho, BPSK



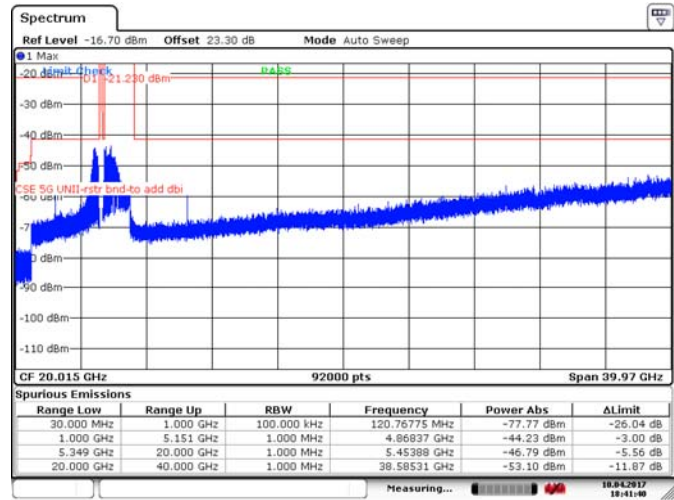
Date: 10 APR 2017 18:41:07

Figure 8.4-160: Spurious emissions within restricted bands, 40 MHz channel, high channel, 24 dBi antenna, ch1, BPSK



Date: 26 MAR 2017 15:38:16

Figure 8.4-161: Spurious emissions within restricted bands, 40 MHz channel, high channel, 24 dBi antenna, cho, 256-QAM



Date: 10 APR 2017 18:41:39

Figure 8.4-162: Spurious emissions within restricted bands, 40 MHz channel, high channel, 24 dBi antenna, ch1, 256-QAM