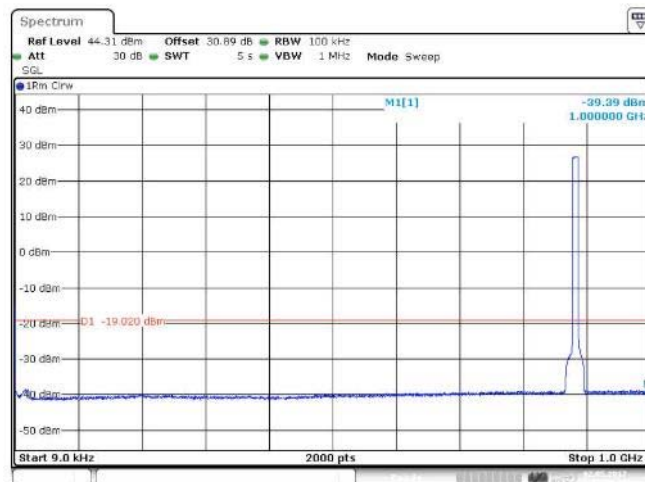




Product Service

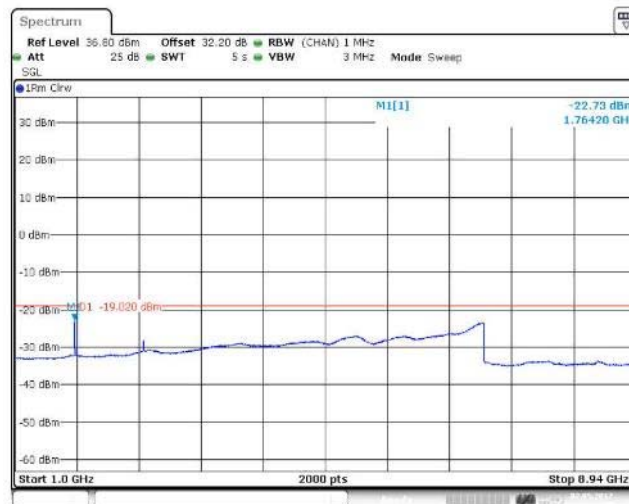
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:19:56

Figure 326 Spurious Emissions (9kHz – 1GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:34:32

Figure 327 Spurious Emissions (1 GHz – 8.94 GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

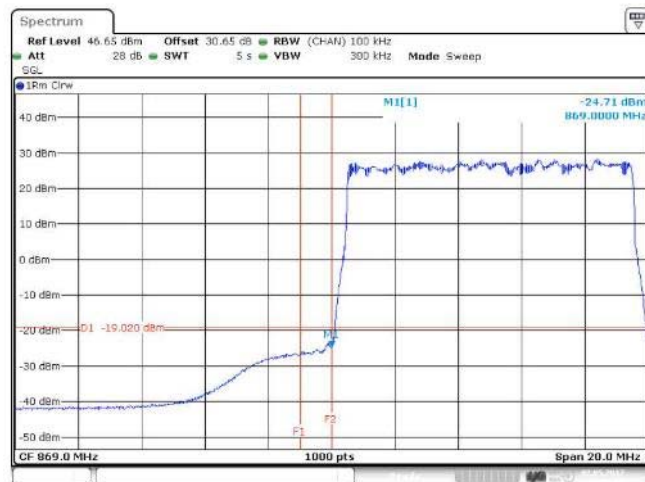


Figure 328 Spurious Emissions (Lower Band Edge) – 16QAM (874 MHz, 5 MHz Channel BW)

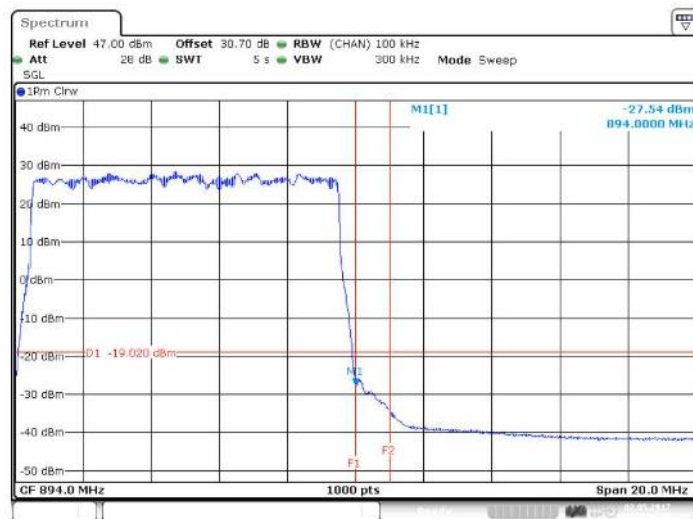


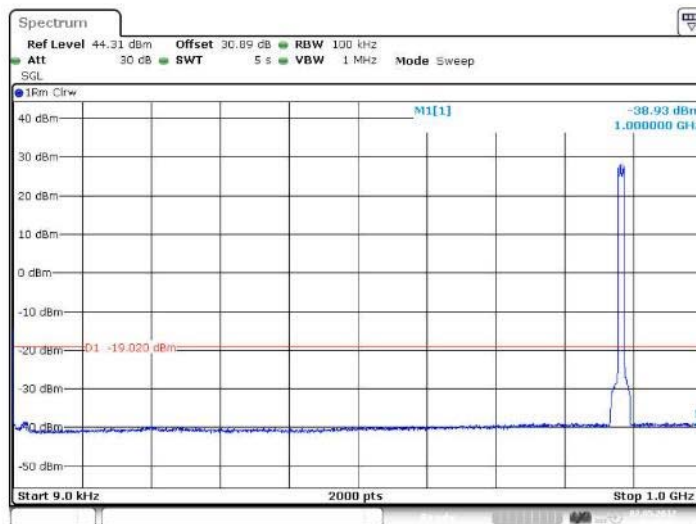
Figure 329 Spurious Emissions (Upper Band Edge) 16QAM (889.0 MHz, 5 MHz Channel BW)



Product Service

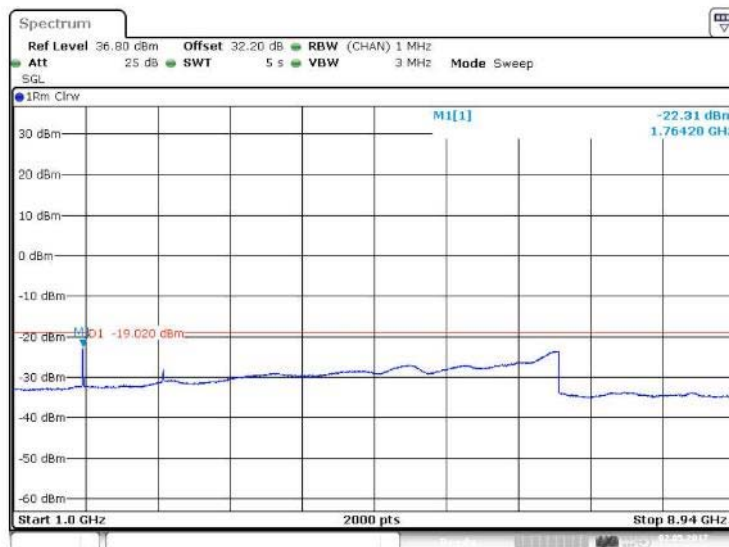
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:22:41

Figure 330 Spurious Emissions (9kHz – 1GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



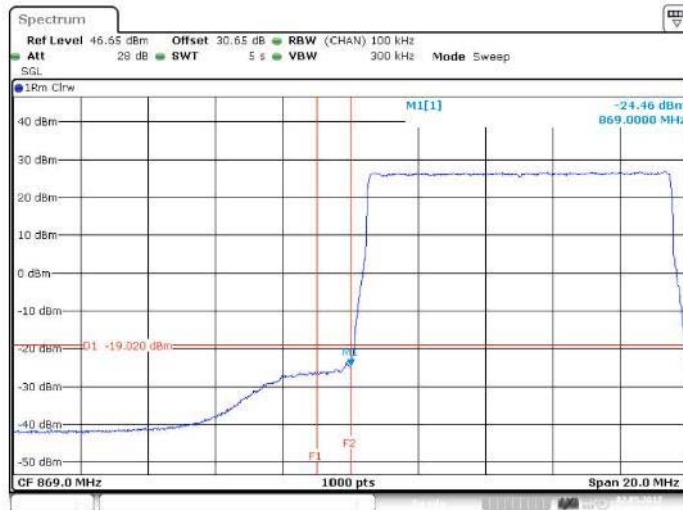
Date: 2.MAY.2017 12:37:57

Figure 331 Spurious Emissions (1 GHz – 8.94 GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



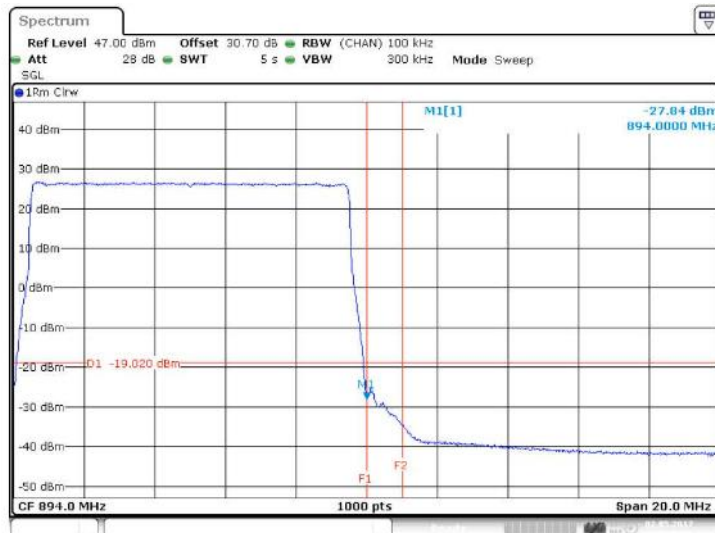
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 09:11:13

Figure 332 Spurious Emissions (Lower Band Edge) – 64QAM (874.0 MHz, 5 MHz Channel BW)



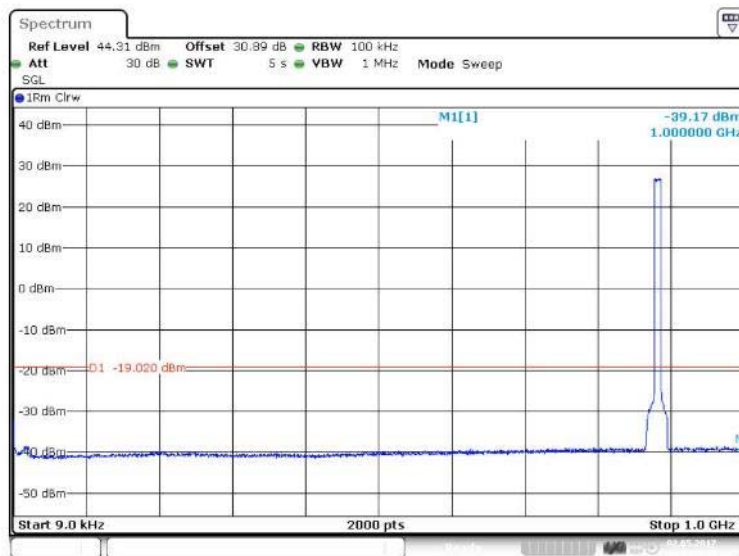
Date: 2.MAY.2017 10:19:37

Figure 333 Spurious Emissions (Upper Band Edge) – 64QAM (889.0 MHz, 5 MHz Channel BW)



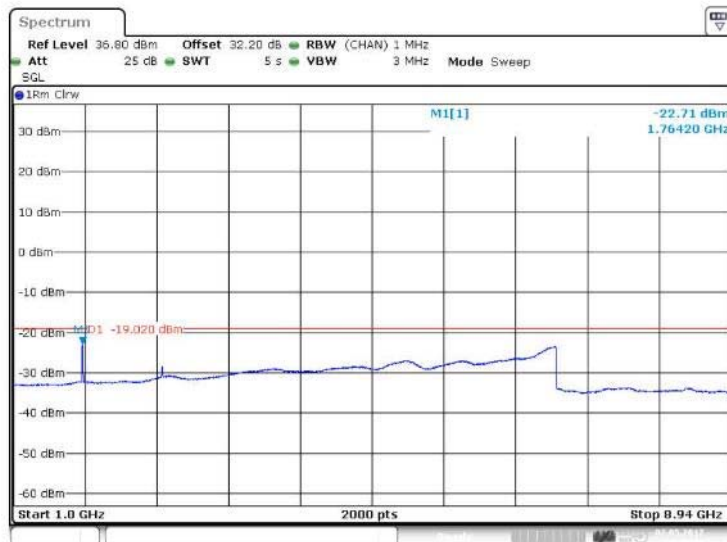
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:21:24

Figure 334 Spurious Emissions (9kHz – 1GHz) – 64QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:36:44

Figure 335 Spurious Emissions (1 GHz – 8.94 GHz) 64QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

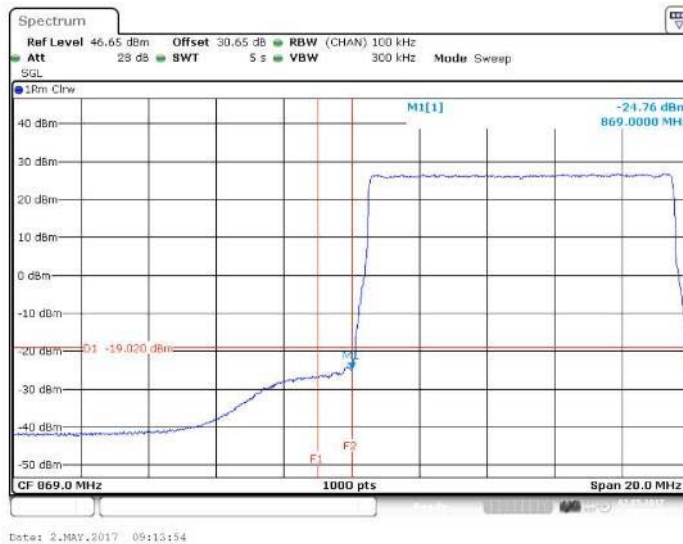


Figure 336 Spurious Emissions (Lower Band Edge) – 256QAM (874.0 MHz, 5 MHz Channel BW)

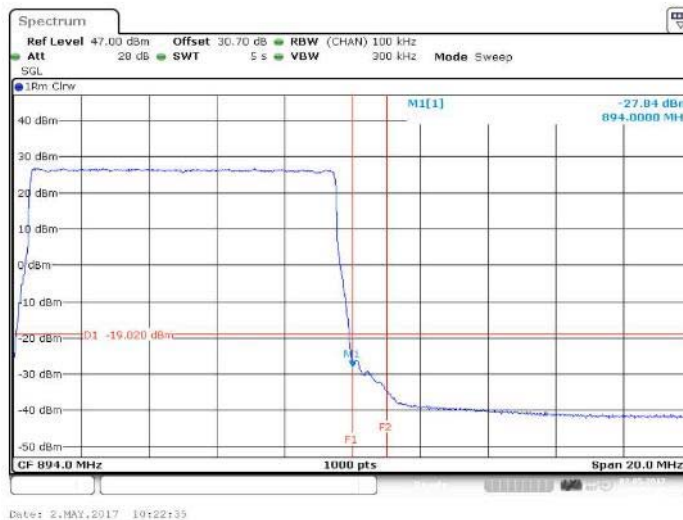


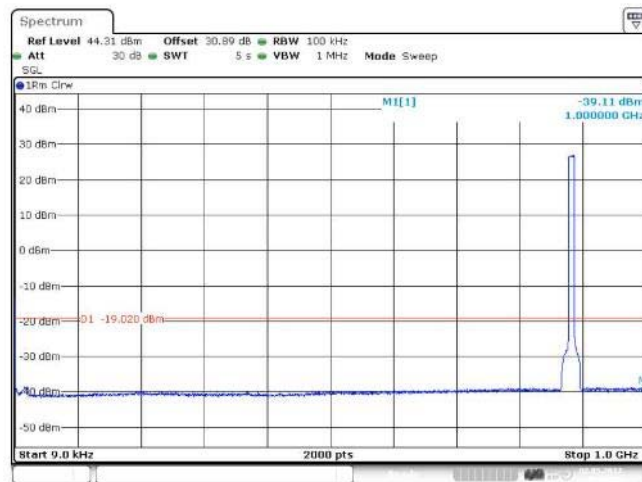
Figure 337 Spurious Emissions (Upper Band Edge) – 256QAM (889.0 MHz, 5 MHz Channel BW)



Product Service

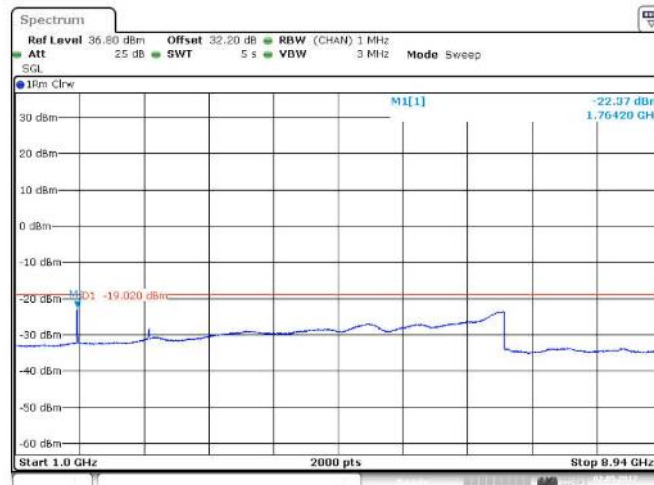
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:24:22

Figure 338 Spurious Emissions (9kHz – 1GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:39:10

Figure 339 Spurious Emissions (1 GHz – 8.94 GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



Product Service

FCC ID:
VBNAHCA-01

Test Report No:
D555647736

Config D ANT2:

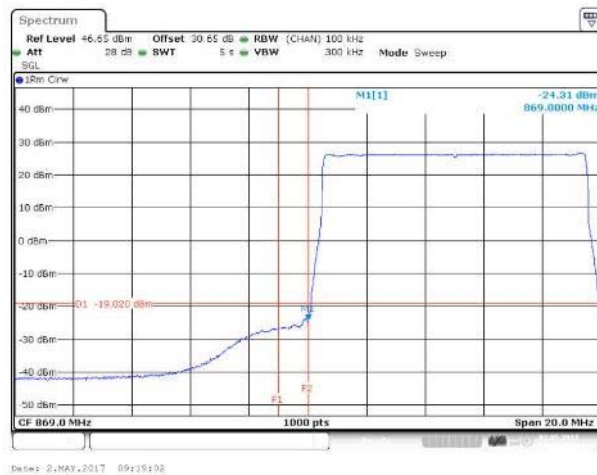


Figure 340 Spurious Emissions (Lower Band Edge) – QPSK (874 MHz, 5 MHz Channel BW)

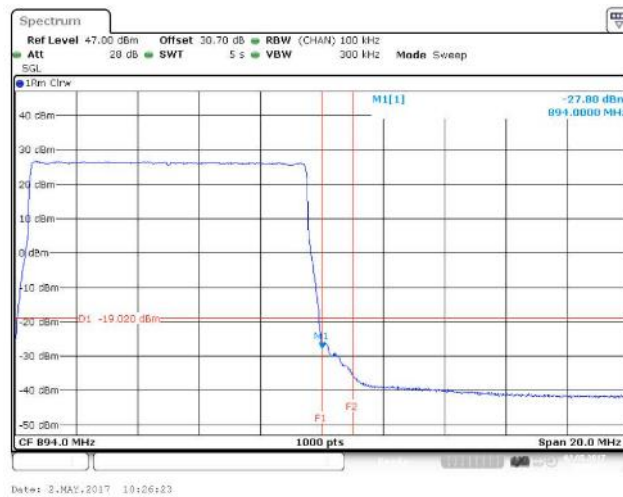


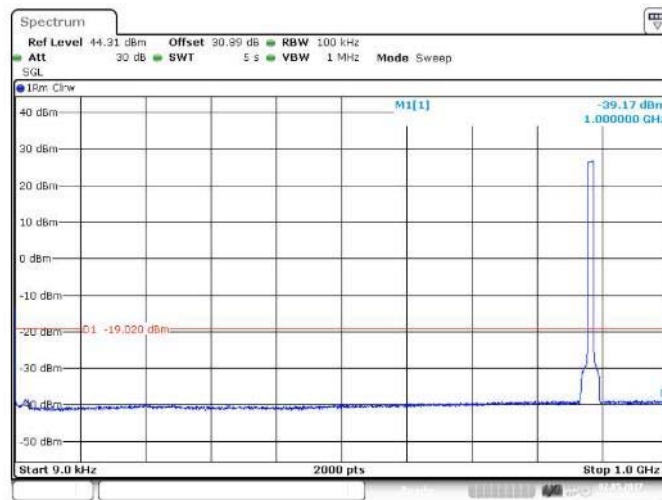
Figure 341 Spurious Emissions (Upper Band Edge) – QPSK (889.0 MHz, 5 MHz Channel BW)



Product Service

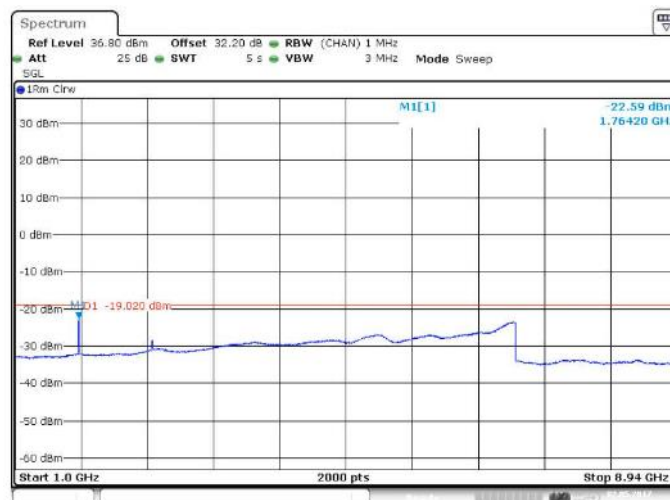
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:37:45

Figure 342 Spurious Emissions (9kHz – 1GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



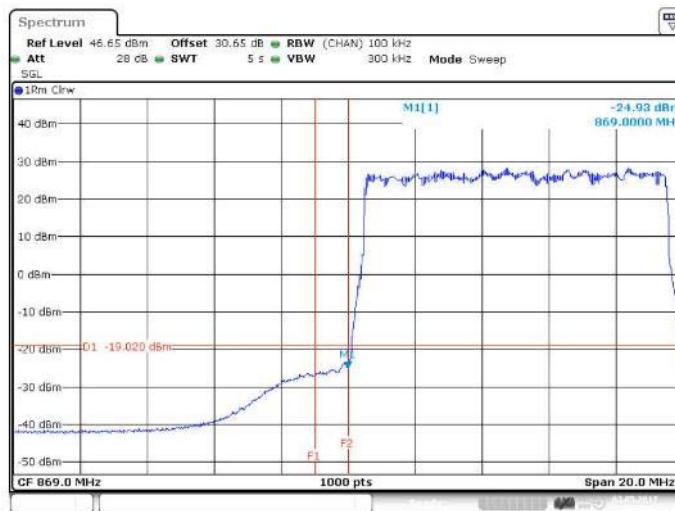
Date: 2.MAY.2017 12:43:42

Figure 343 Spurious Emissions (1 GHz – 8.94 GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



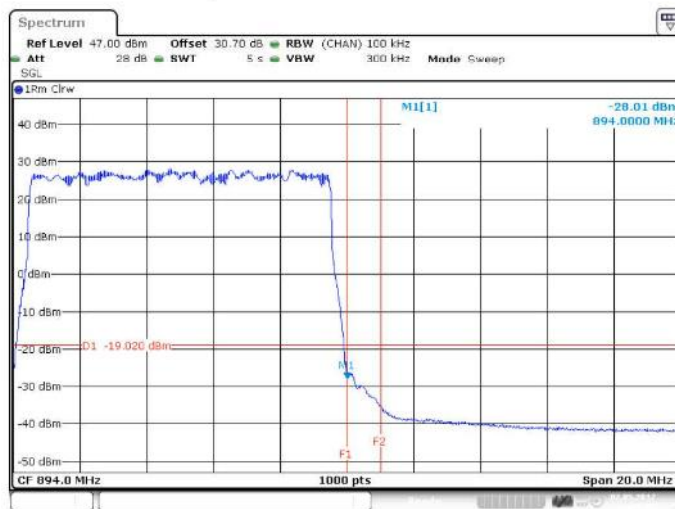
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 09:22:18

Figure 344 Spurious Emissions (Lower Band Edge) – 16QAM (874 MHz, 5 MHz Channel BW)



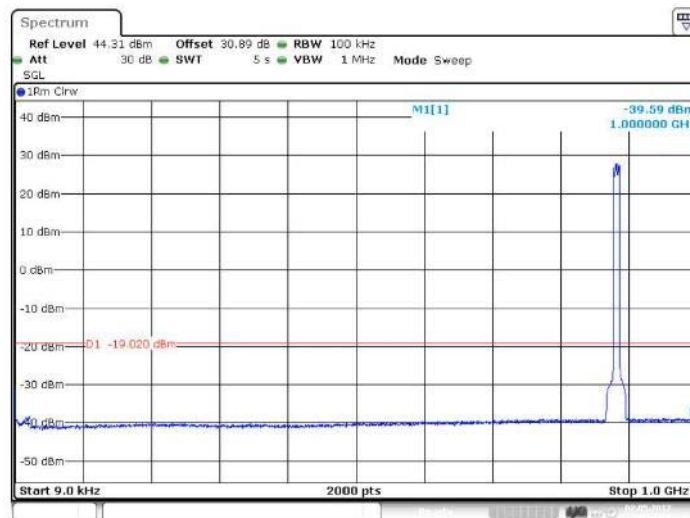
Date: 2.MAY.2017 10:29:04

Figure 345 Spurious Emissions (Upper Band Edge) 16QAM (889.0 MHz, 5 MHz Channel BW)



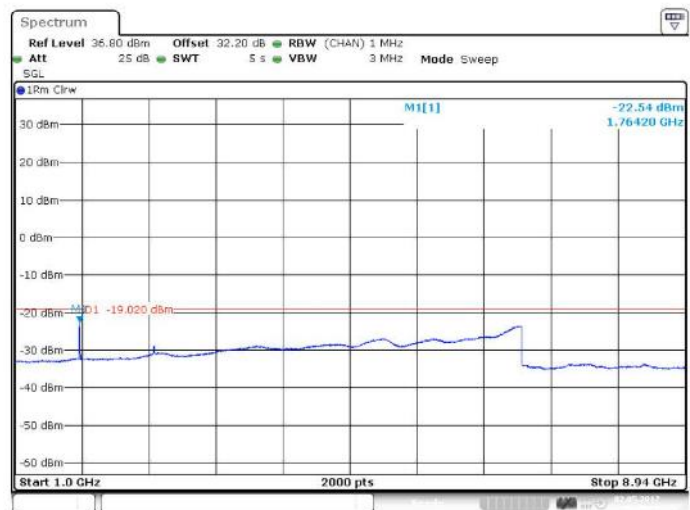
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:01:18

Figure 346 Spurious Emissions (9kHz – 1GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



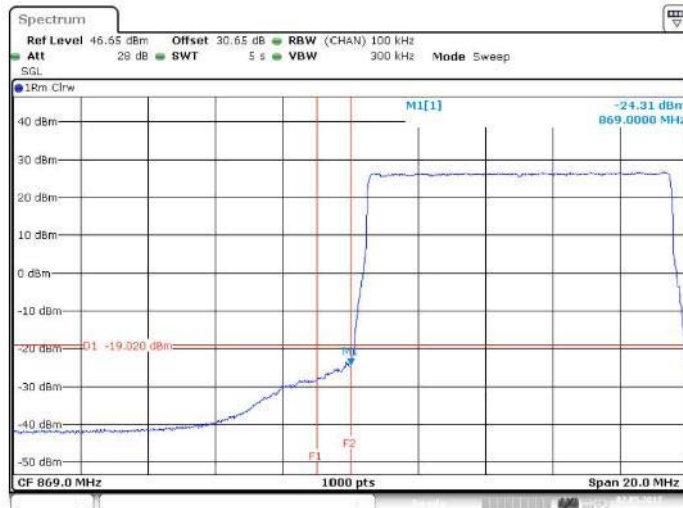
Date: 2.MAY.2017 12:46:10

Figure 347 Spurious Emissions (1 GHz – 8.94 GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



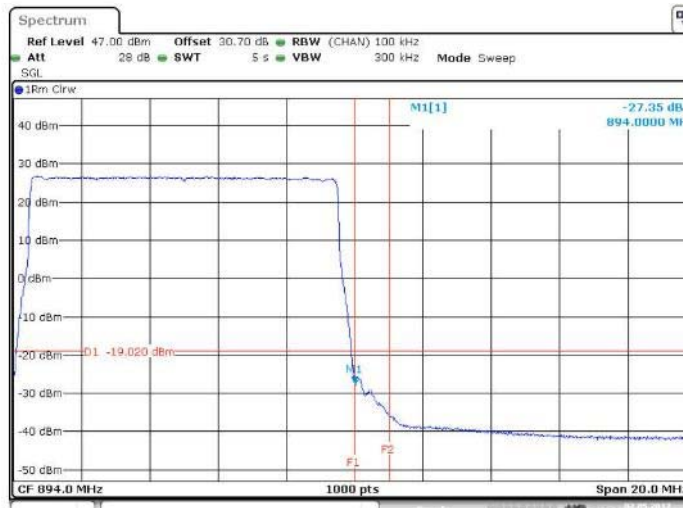
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 09:29:49

Figure 348 Spurious Emissions (Lower Band Edge) – 64QAM (874.0 MHz, 5 MHz Channel BW)



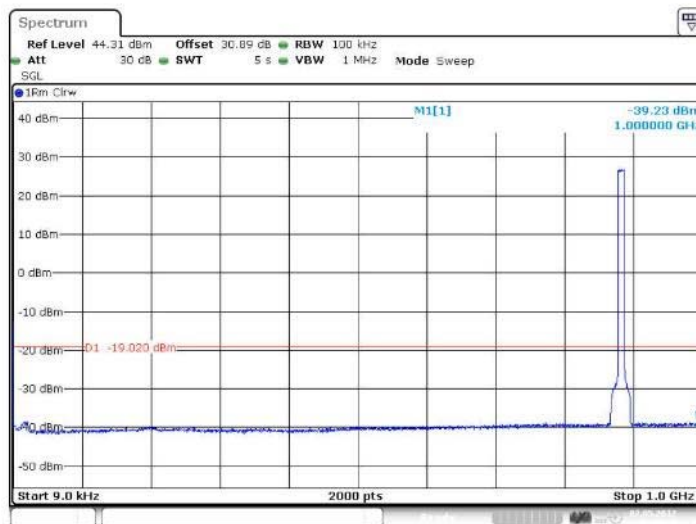
Date: 2.MAY.2017 10:27:37

Figure 349 Spurious Emissions (Upper Band Edge) – 64QAM (889.0 MHz, 5 MHz Channel BW)



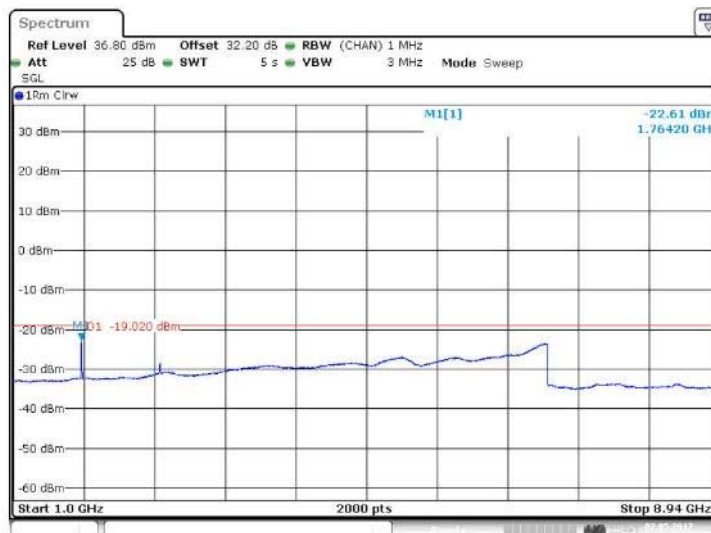
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 11:59:00

Figure 350 Spurious Emissions (9kHz – 1GHz) – 64QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:44:57

Figure 351 Spurious Emissions (1 GHz – 8.94 GHz) 64QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Figure 352 Spurious Emissions (Lower Band Edge) – 256QAM (874.0 MHz, 5 MHz Channel BW)

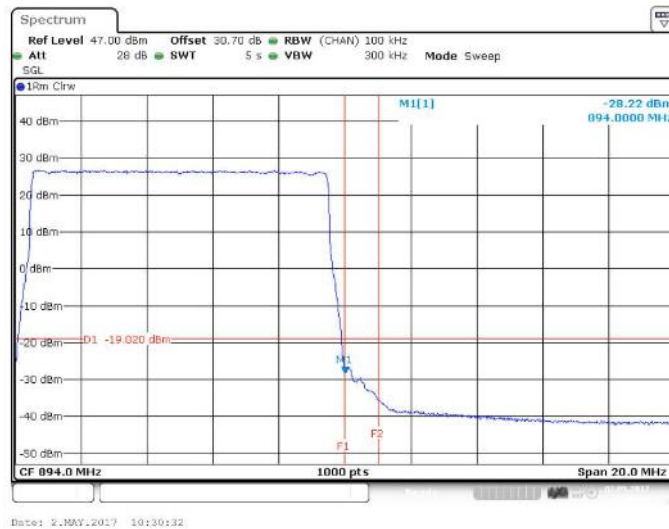


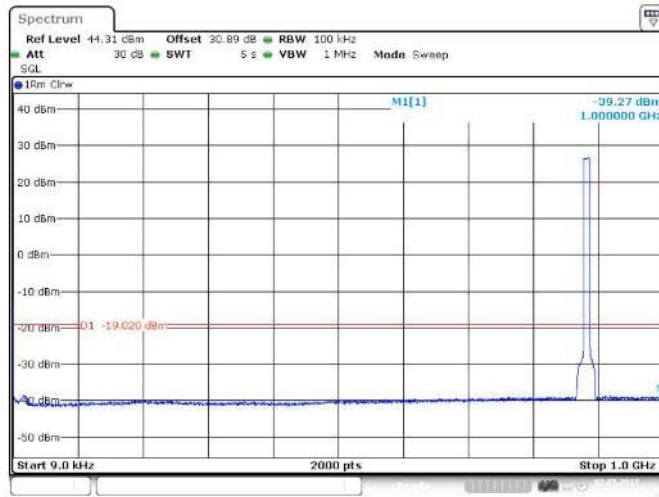
Figure 353 Spurious Emissions (Upper Band Edge) – 256QAM (889.0 MHz, 5 MHz Channel BW)



Product Service

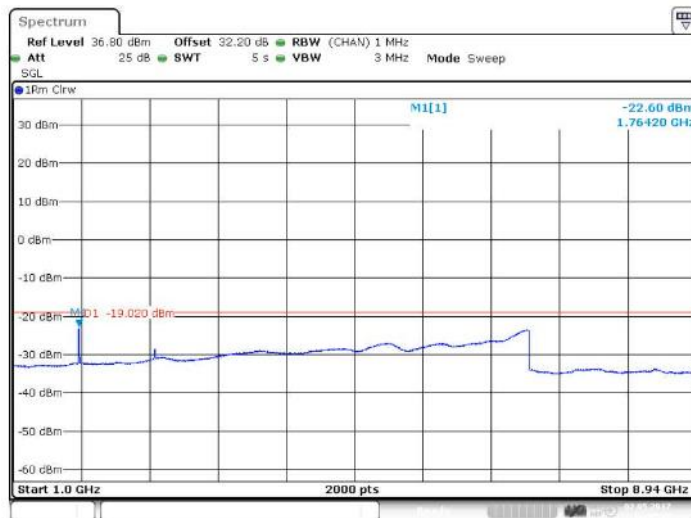
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:32:35

Figure 354 Spurious Emissions (9kHz – 1GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:47:25

Figure 355 Spurious Emissions (1 GHz – 8.94 GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)

Config D ANT3:



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

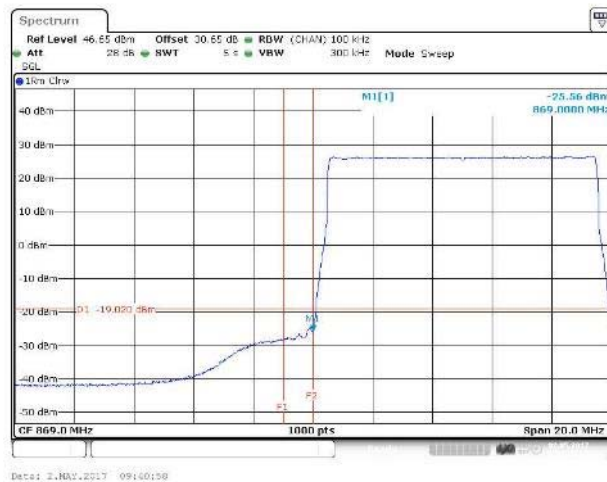


Figure 356 Spurious Emissions (Lower Band Edge) – QPSK (874 MHz, 5 MHz Channel BW)

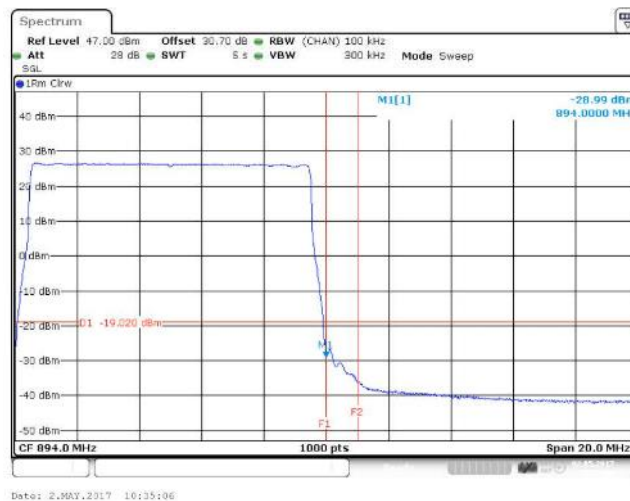
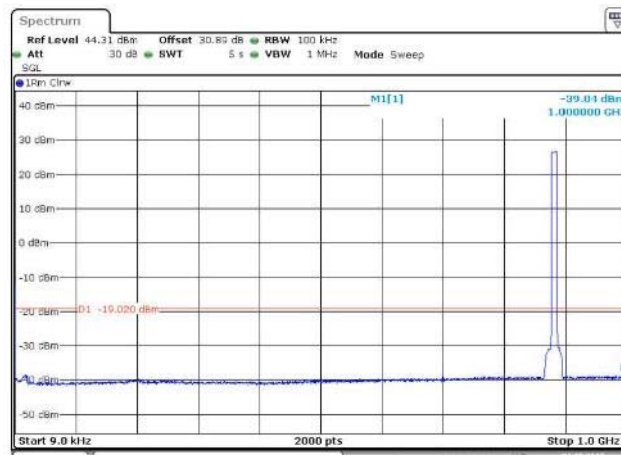


Figure 357 Spurious Emissions (Upper Band Edge) – QPSK (889.0 MHz, 5 MHz Channel BW)



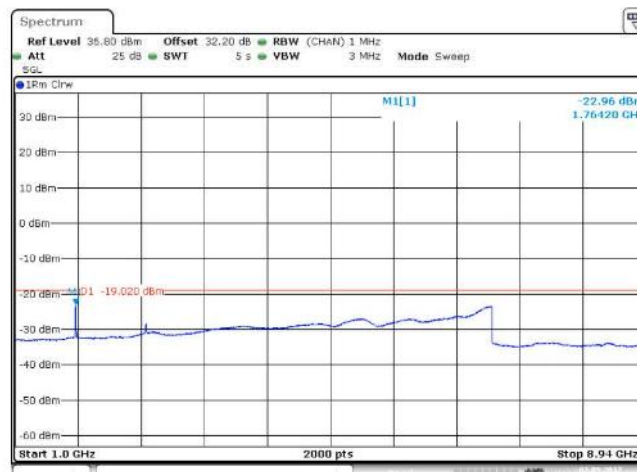
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:08:59

Figure 358 Spurious Emissions (9kHz – 1GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:10:52

Figure 359 Spurious Emissions (1 GHz – 8.94 GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

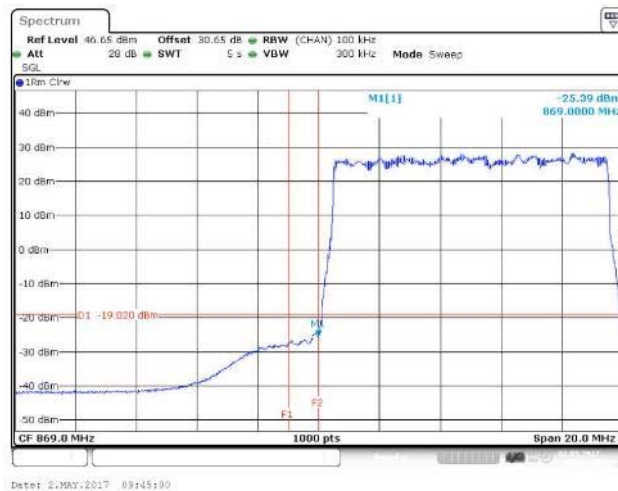


Figure 360 Spurious Emissions (Lower Band Edge) – 16QAM (874 MHz, 5 MHz Channel BW)

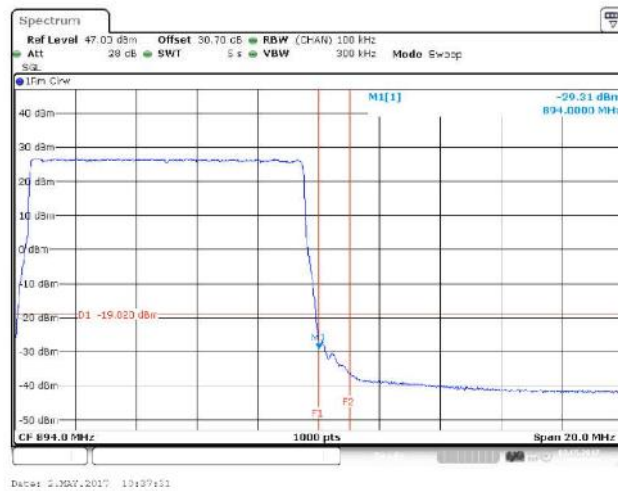
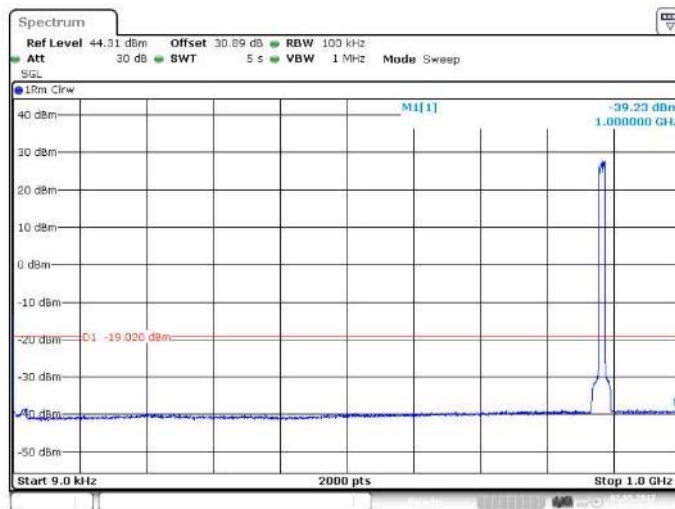


Figure 361 Spurious Emissions (Upper Band Edge) 16QAM (889.0 MHz, 5 MHz Channel BW)



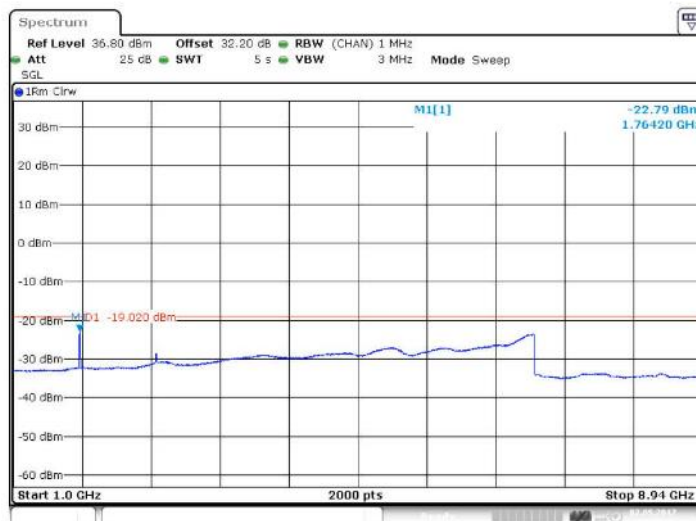
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:11:42

Figure 362 Spurious Emissions (9kHz – 1GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



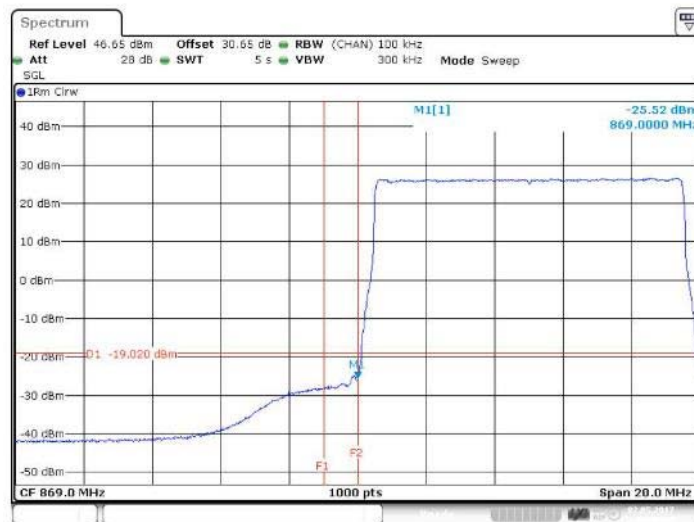
Date: 2.MAY.2017 12:55:17

Figure 363 Spurious Emissions (1 GHz – 8.94 GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



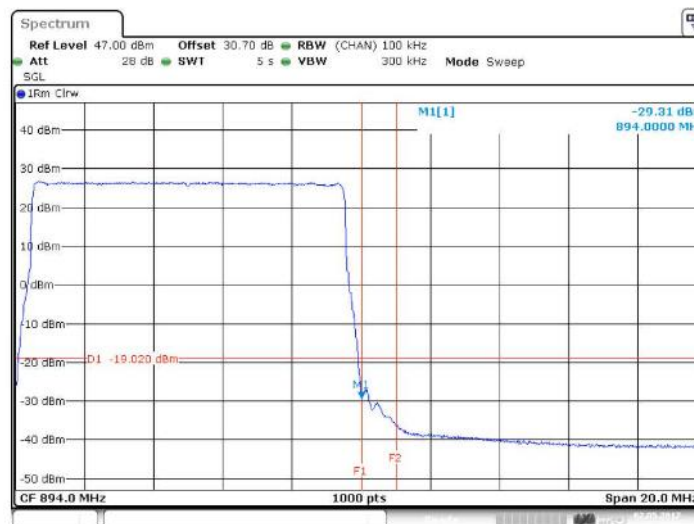
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 09:43:27

Figure 364 Spurious Emissions (Lower Band Edge) – 64QAM (874.0 MHz, 5 MHz Channel BW)



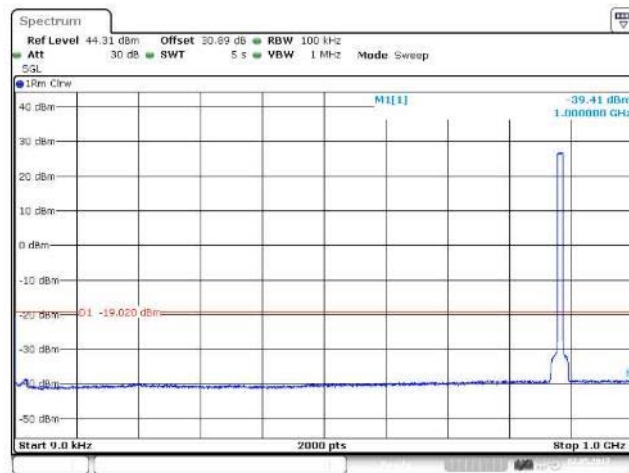
Date: 2.MAY.2017 10:37:31

Figure 365 Spurious Emissions (Upper Band Edge) – 64QAM (889.0 MHz, 5 MHz Channel BW)



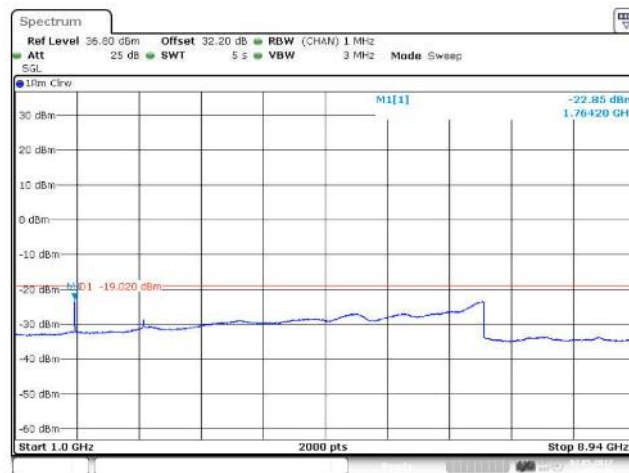
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:10:22

Figure 366 Spurious Emissions (9kHz – 1GHz) – 64QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:51:59

Figure 367 Spurious Emissions (1 GHz – 8.94 GHz) 64QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

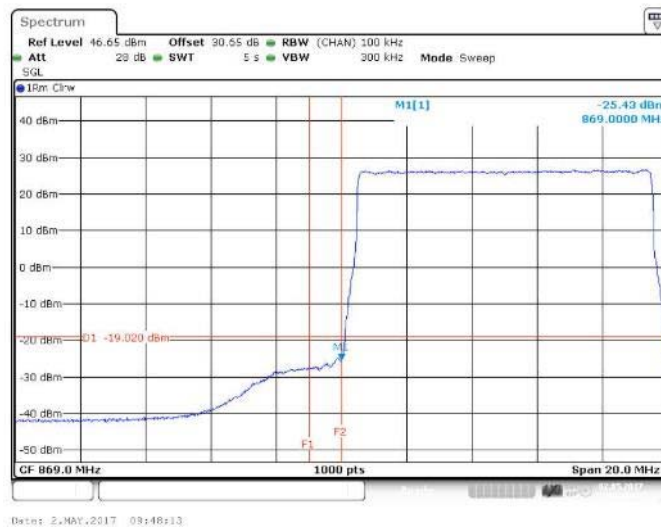


Figure 368 Spurious Emissions (Lower Band Edge) – 256QAM (874.0 MHz, 5 MHz Channel BW)

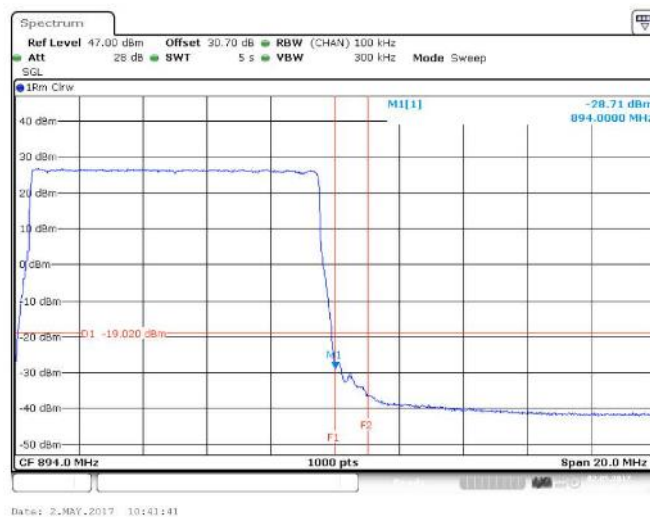
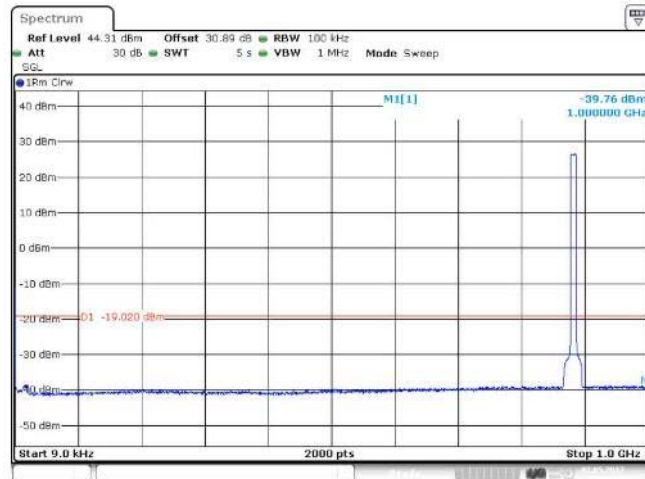


Figure 369 Spurious Emissions (Upper Band Edge) – 256QAM (889.0 MHz, 5 MHz Channel BW)



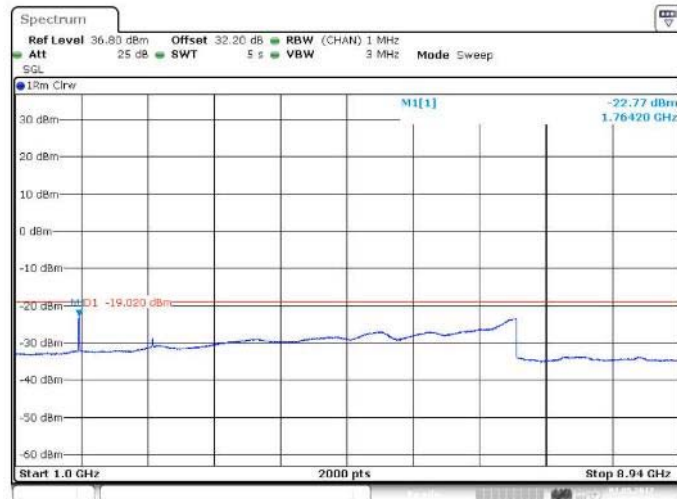
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:13:05

Figure 370 Spurious Emissions (9kHz – 1GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:56:38

Figure 371 Spurious Emissions (1 GHz – 8.94 GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

Config D ANT4:

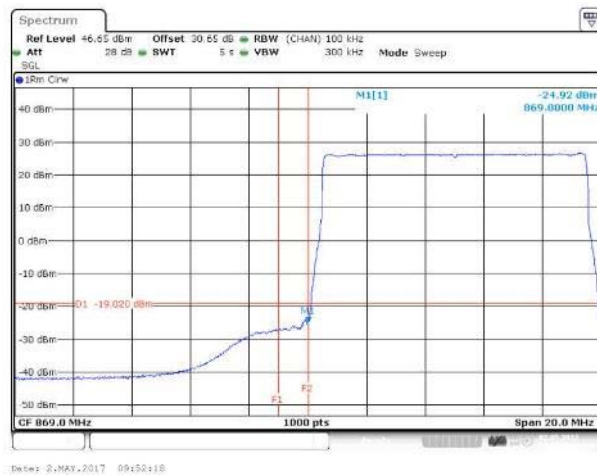


Figure 372 Spurious Emissions (Lower Band Edge) – QPSK (874 MHz, 5 MHz Channel BW)

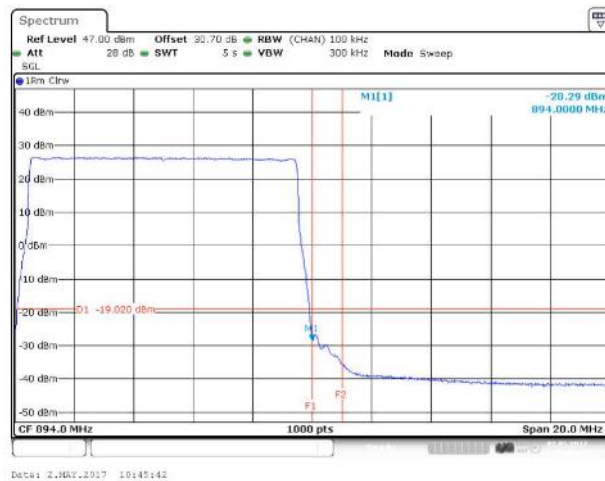
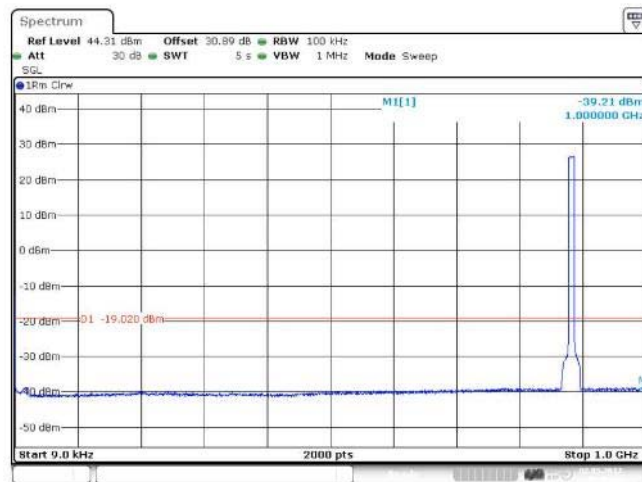


Figure 373 Spurious Emissions (Upper Band Edge) – QPSK (889.0 MHz, 5 MHz Channel BW)



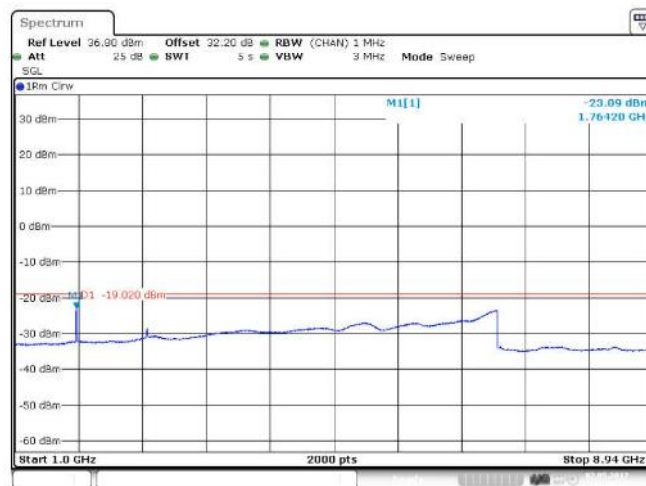
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:16:45

Figure 374 Spurious Emissions (9kHz – 1GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



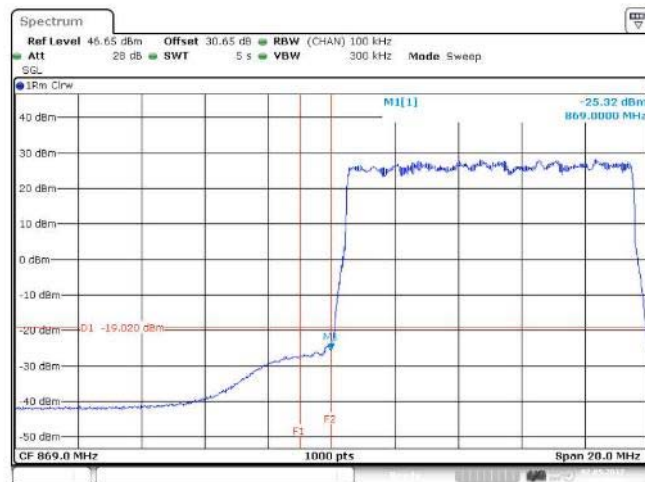
Date: 2.MAY.2017 12:26:55

Figure 375 Spurious Emissions (1 GHz – 8.94 GHz) – QPSK (881.5 MHz, 5 MHz Channel BW)



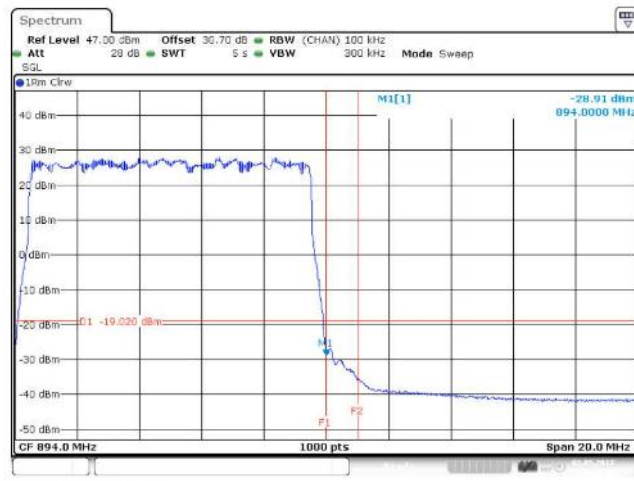
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 09:58:54

Figure 376 Spurious Emissions (Lower Band Edge) – 16QAM (874 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 10:48:24

Figure 377 Spurious Emissions (Upper Band Edge) 16QAM (889.0 MHz, 5 MHz Channel BW)



Product Service

FCC ID:
VBNAHCA-01

Test Report No:
D555647736

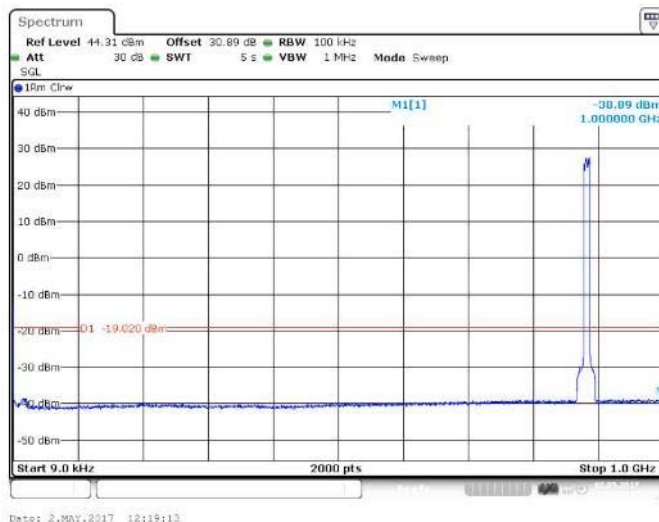


Figure 378 Spurious Emissions (9kHz – 1GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)

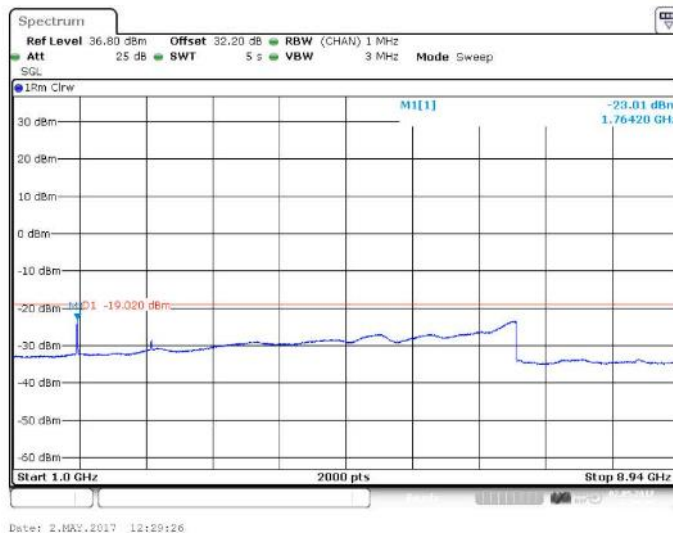


Figure 379 Spurious Emissions (1 GHz – 8.94 GHz) – 16QAM (881.5 MHz, 5 MHz Channel BW)



Product Service

FCC ID:
VBNAHCA-01

Test Report No:
D555647736

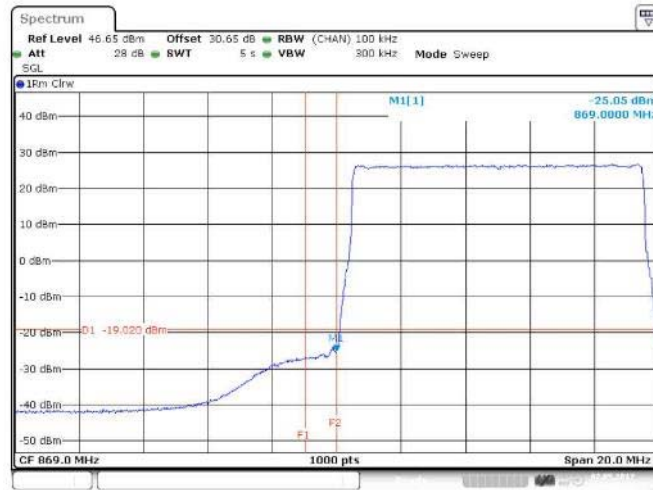


Figure 380 Spurious Emissions (Lower Band Edge) – 64QAM (874.0 MHz, 5 MHz Channel BW)

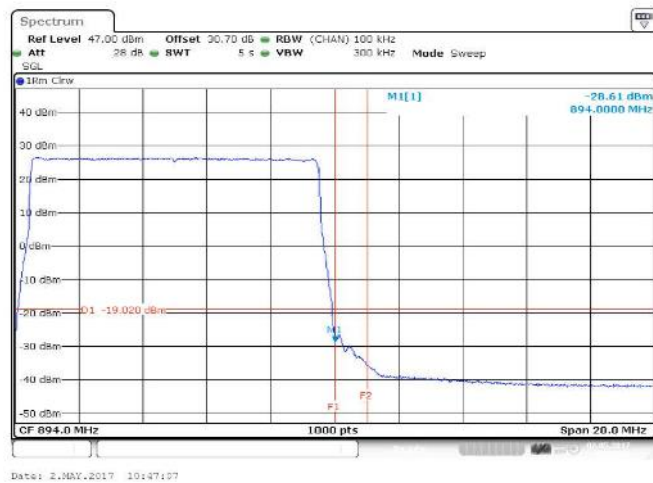
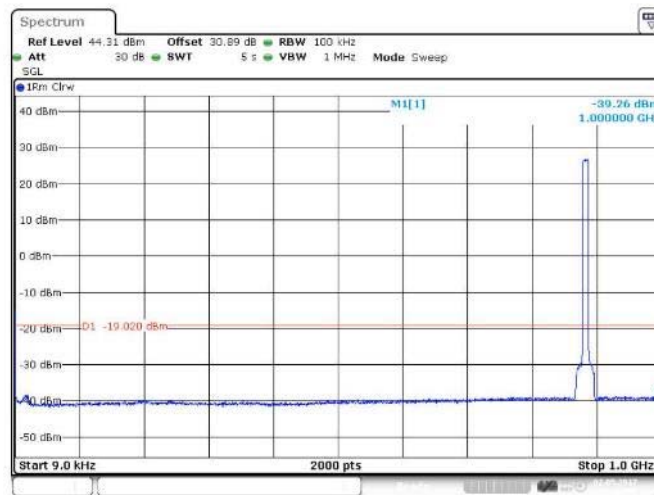


Figure 381 Spurious Emissions (Upper Band Edge) – 64QAM (889.0 MHz, 5 MHz Channel BW)



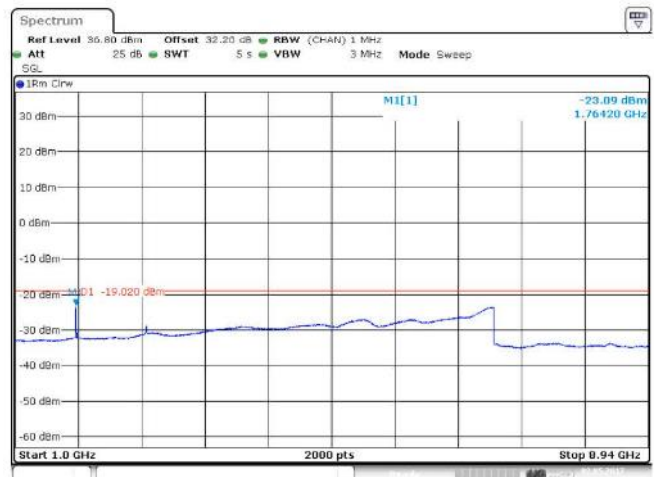
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:17:19

Figure 382 Spurious Emissions (9kHz – 1GHz) – 64QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:28:18

Figure 383 Spurious Emissions (1 GHz – 8.94 GHz) 64QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

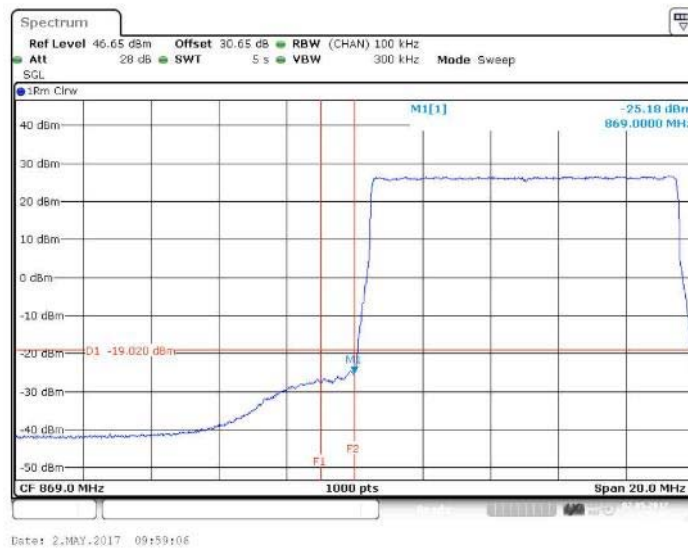


Figure 384 Spurious Emissions (Lower Band Edge) – 256QAM (874.0 MHz, 5 MHz Channel BW)

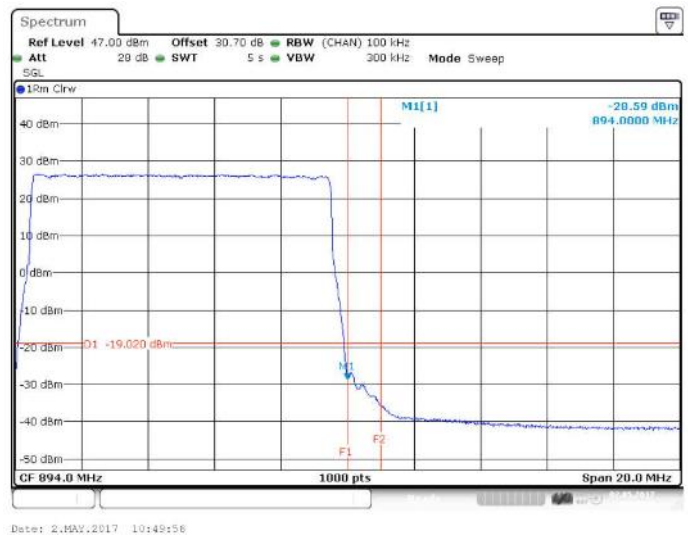
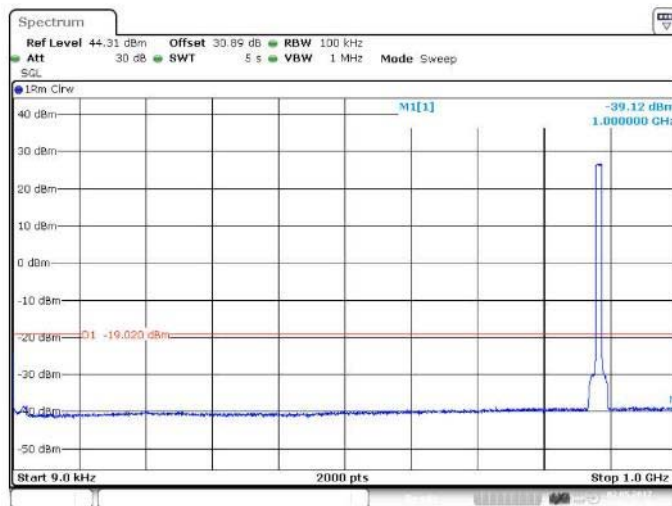


Figure 385 Spurious Emissions (Upper Band Edge) – 256QAM (889.0 MHz, 5 MHz Channel BW)



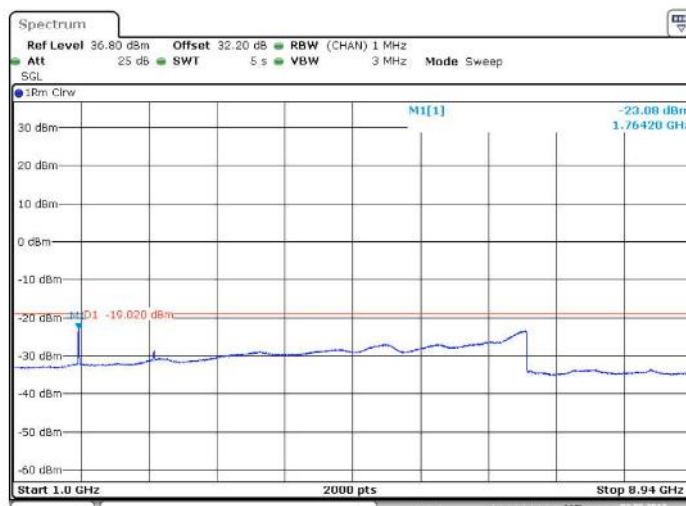
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 2.MAY.2017 12:21:13

Figure 386 Spurious Emissions (9kHz – 1GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



Date: 2.MAY.2017 12:20:38

Figure 387 Spurious Emissions (1 GHz – 8.94 GHz) – 256QAM (881.5 MHz, 5 MHz Channel BW)



FCC ID:
VBNAHCA-01

Test Report No:
D555647736

Config E ANT1:

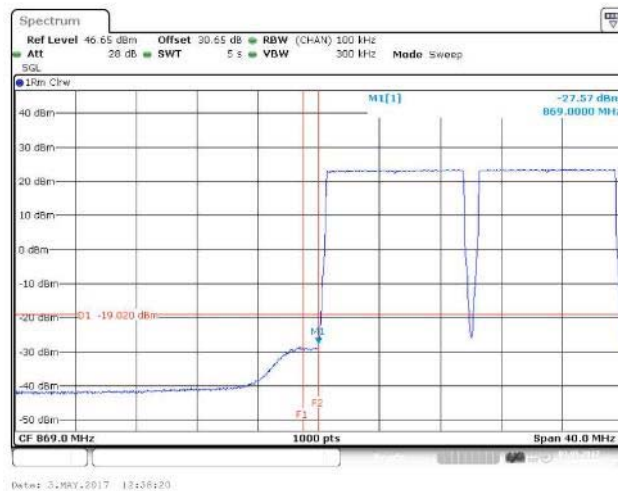


Figure 388 Spurious Emissions (Lower Band Edge) – QPSK (874 MHz, 884, 2 X 5 MHz Channel BW)

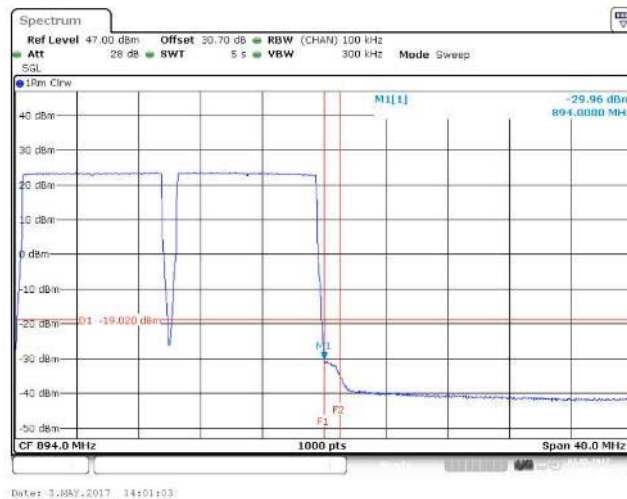


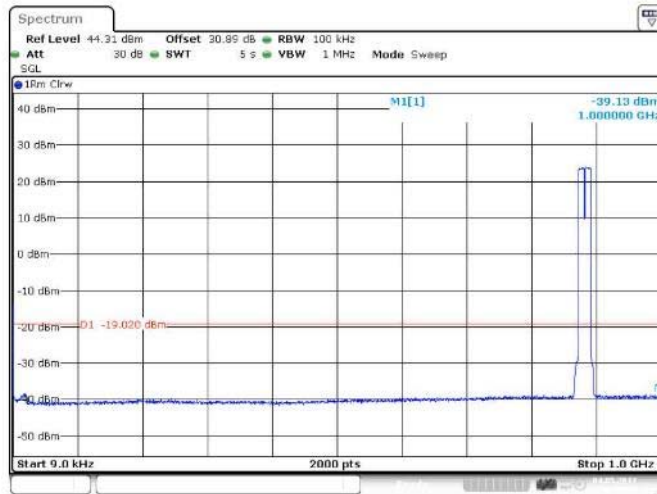
Figure 389 Spurious Emissions (Upper Band Edge) – QPSK (879,0 MHz, 889,0 MHz, 2 X 5 MHz Channel BW)



Product Service

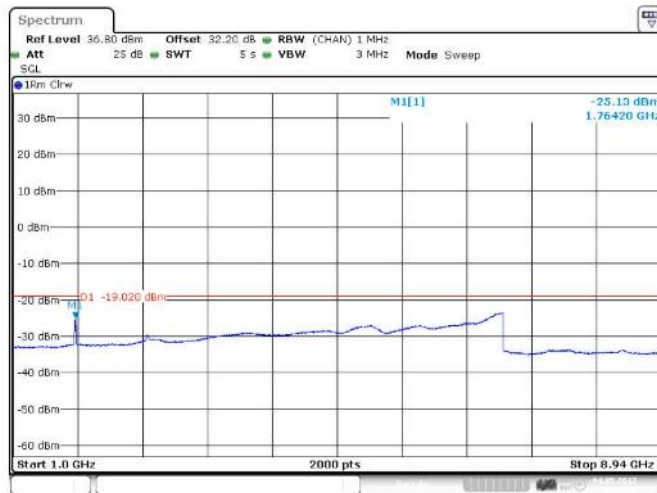
FCC ID:
VBNAHCA-01

Test Report No:
D555647736



Date: 4.MAY.2017 06:24:06

Figure 390 Spurious Emissions (9kHz – 1GHz) – QPSK (876.5 MHz, 886.5 MHz 2 X 5 MHz Channel BW)



Date: 4.MAY.2017 09:11:06

Figure 391 Spurious Emissions (1 GHz – 8.94 GHz) – QPSK (876.5 MHz, 886.5 MHz 2 X 5 MHz Channel BW)



Product Service

FCC ID:
VBNAHCA-01

Test Report No:
D555647736

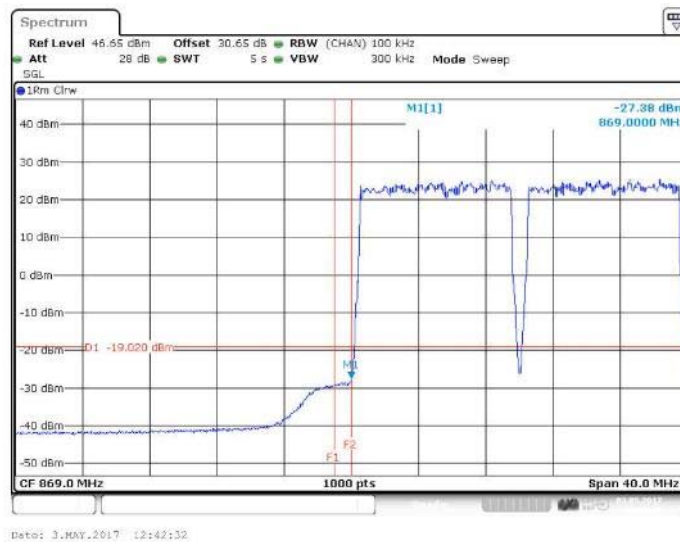


Figure 392 Spurious Emissions (Lower Band Edge) – 16QAM (874 MHz, 884, 2 X 5 MHz Channel BW)

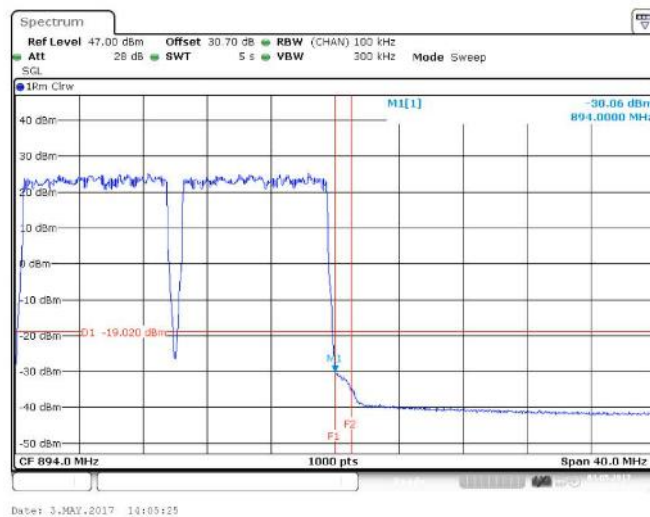


Figure 393 Spurious Emissions (Upper Band Edge) 16QAM (879,0 MHz, 889.0 MHz, 2 X 5 MHz Channel BW)