

Figure 294 Spurious Emissions (1 GHz – 5.15 GHz) – 16QAM (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)

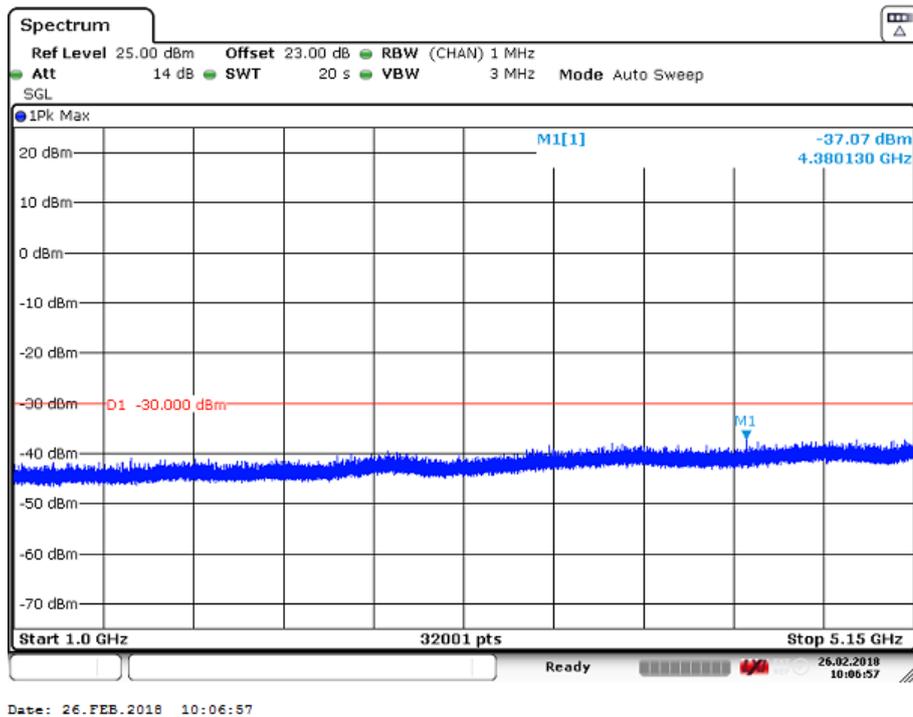
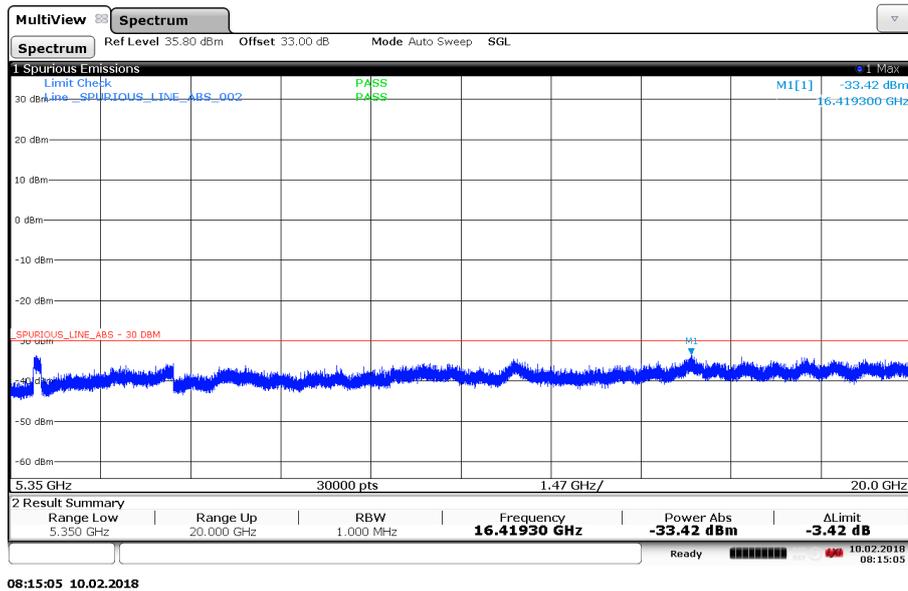
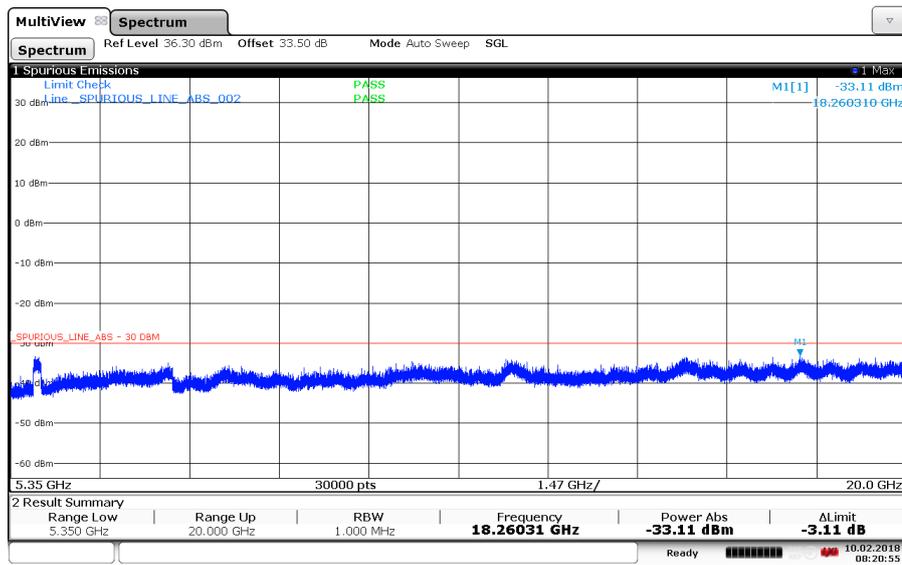


Figure 295 Spurious Emissions (1 GHz – 5.15 GHz) – 256QAM (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



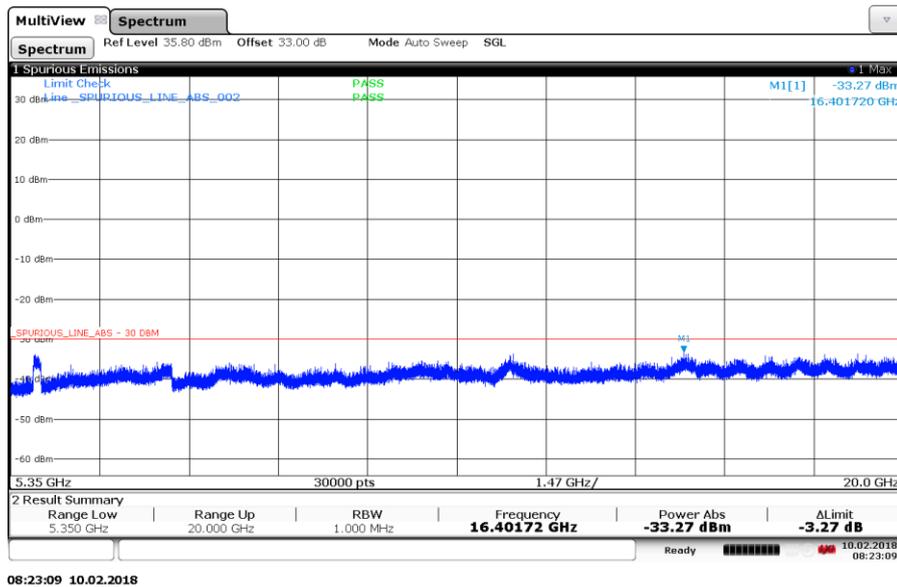
08:15:05 10.02.2018

Figure 296 Spurious Emissions (5.35 GHz – 20 GHz) – QPSK (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



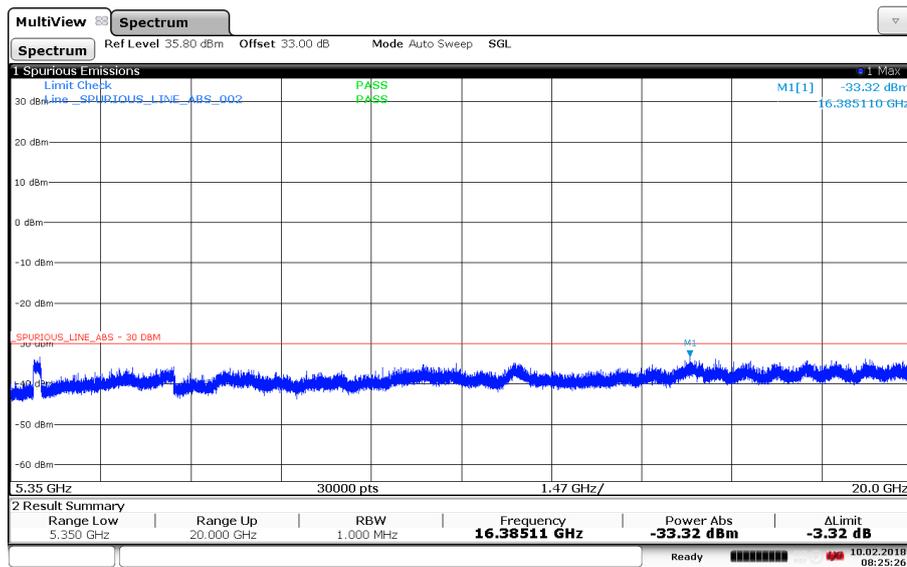
08:20:56 10.02.2018

Figure 297 Spurious Emissions (5.35 GHz – 20 GHz) – 64QAM (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



08:23:09 10.02.2018

Figure 298 Spurious Emissions (5.35 GHz – 20 GHz) – 16QAM (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



08:25:27 10.02.2018

Figure 299 Spurious Emissions (5.35 GHz – 20 GHz) – 256QAM (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)

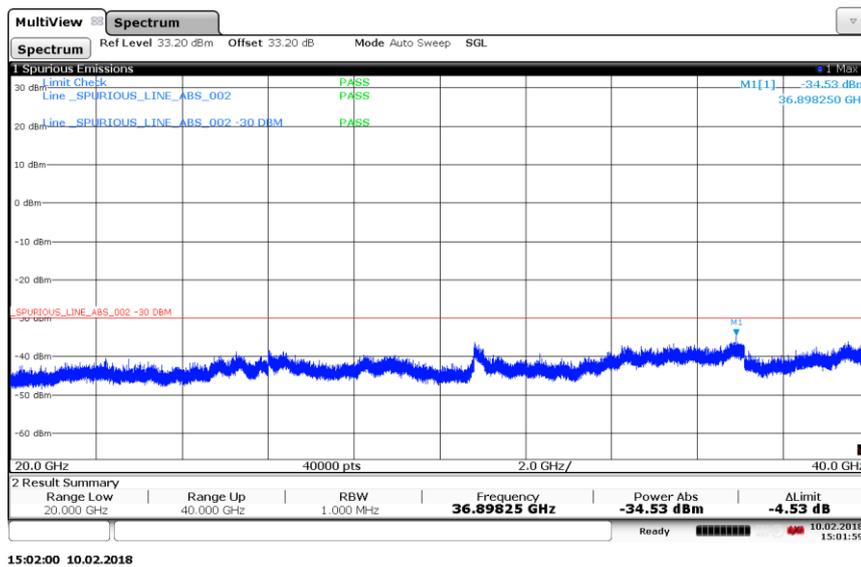


Figure 300 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)

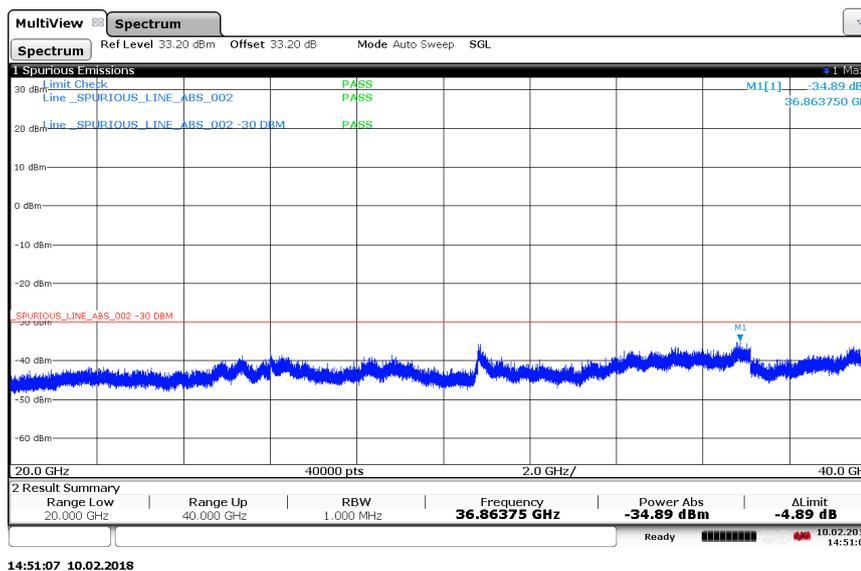
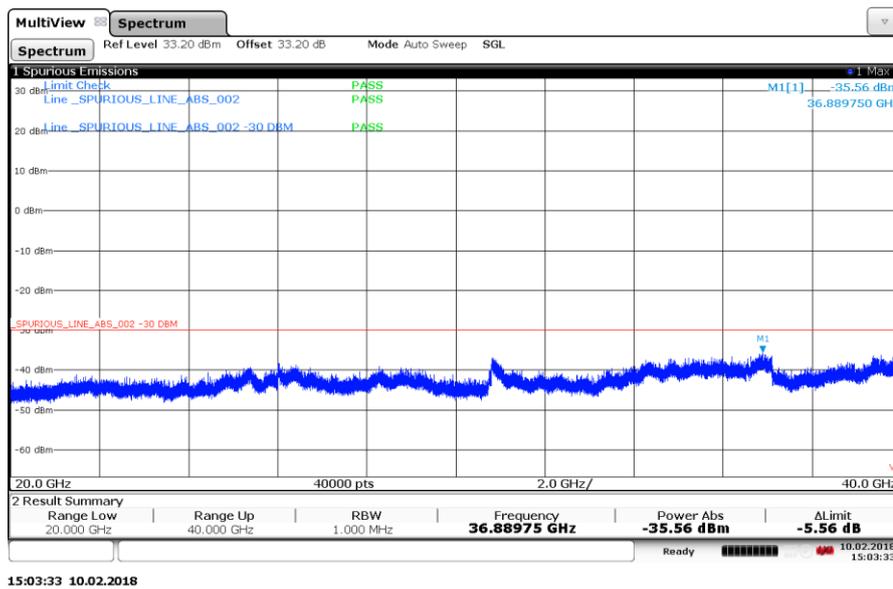
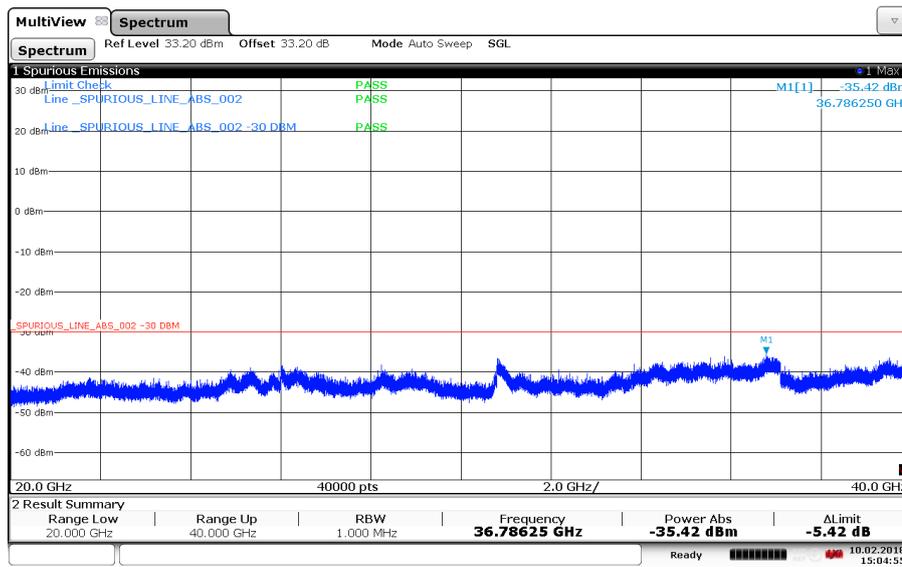


Figure 301 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



15:03:33 10.02.2018

Figure 302 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)



15:04:55 10.02.2018

Figure 303 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5200.0/ 5220.0/ 5240.0 MHz) (3 X 20MHz Channel BW)

Config A ANT2 UNII-3:

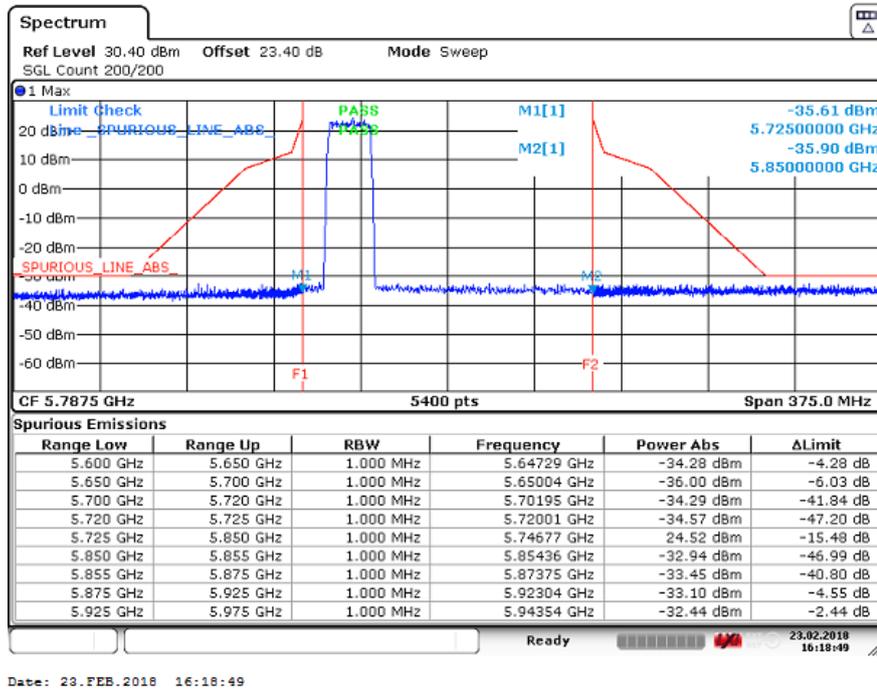


Figure 304 Spurious Emissions (Lower Band Edge) – QPSK (5745.0 MHz) (20MHz Channel BW)

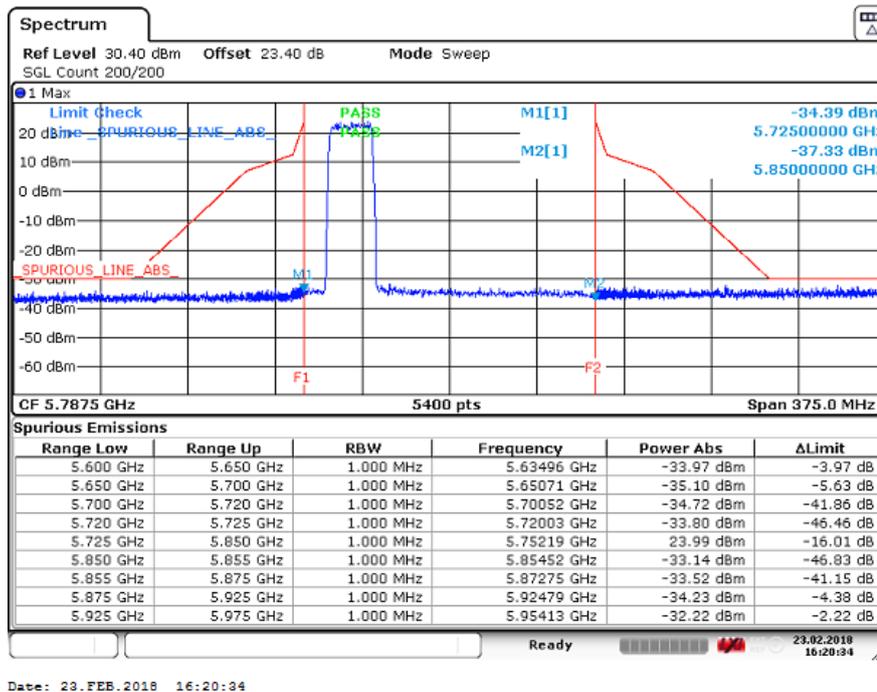


Figure 305 Spurious Emissions (Lower Band Edge) – 64QAM (5745.0 MHz) (20MHz Channel BW)

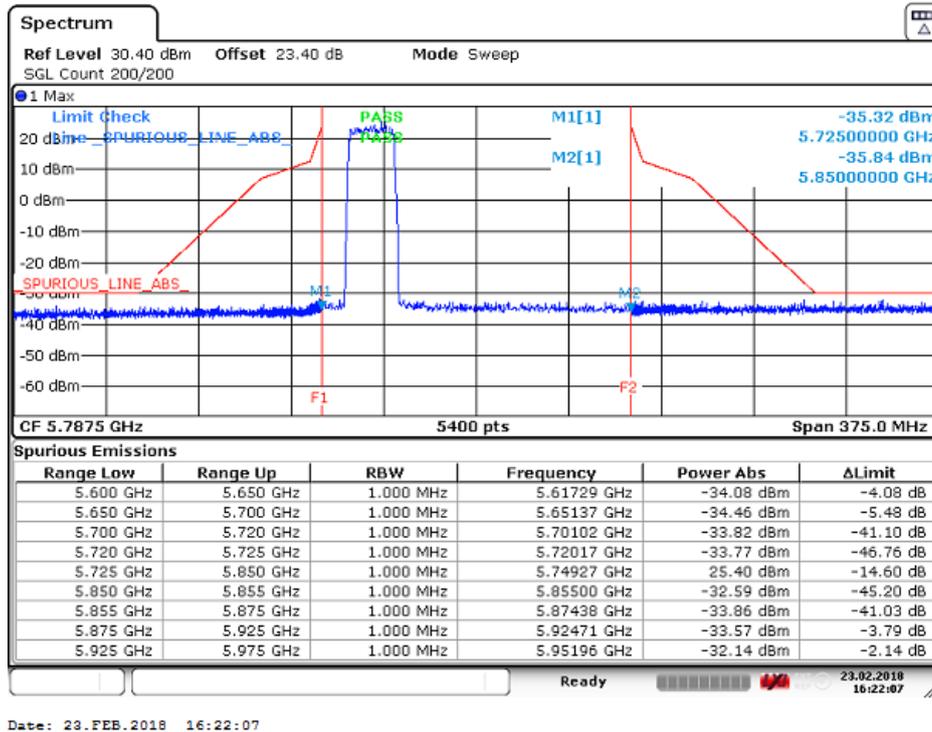


Figure 306 Spurious Emissions (Lower Band Edge) – 16QAM (5745.0 MHz) (20MHz Channel BW)

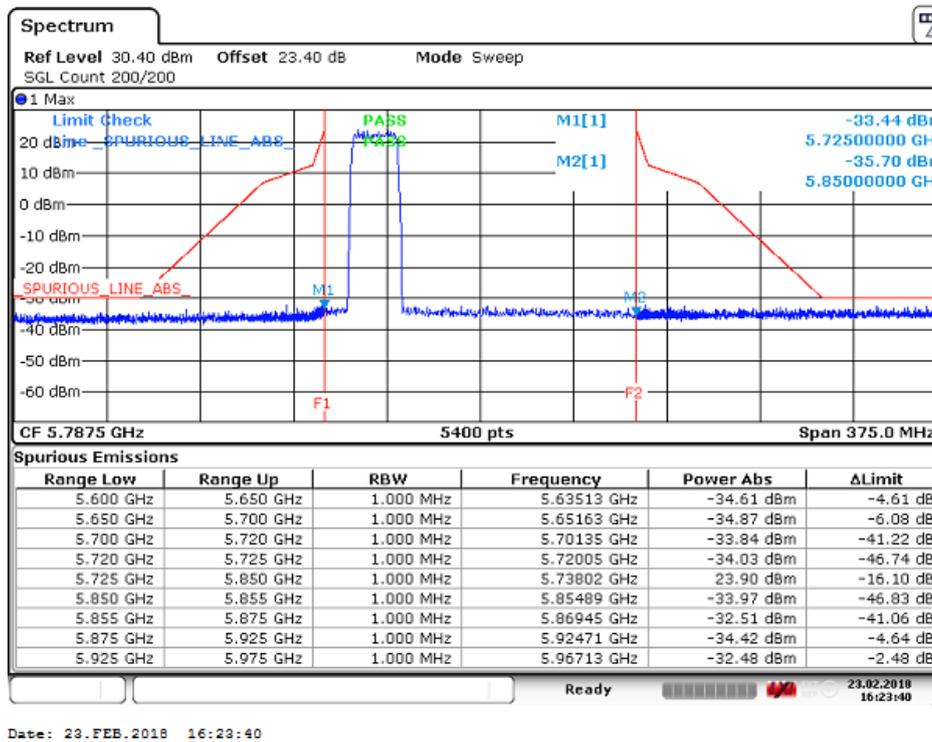


Figure 307 Spurious Emissions (Lower Band Edge) – 256QAM (5745.0 MHz) (20MHz Channel BW)

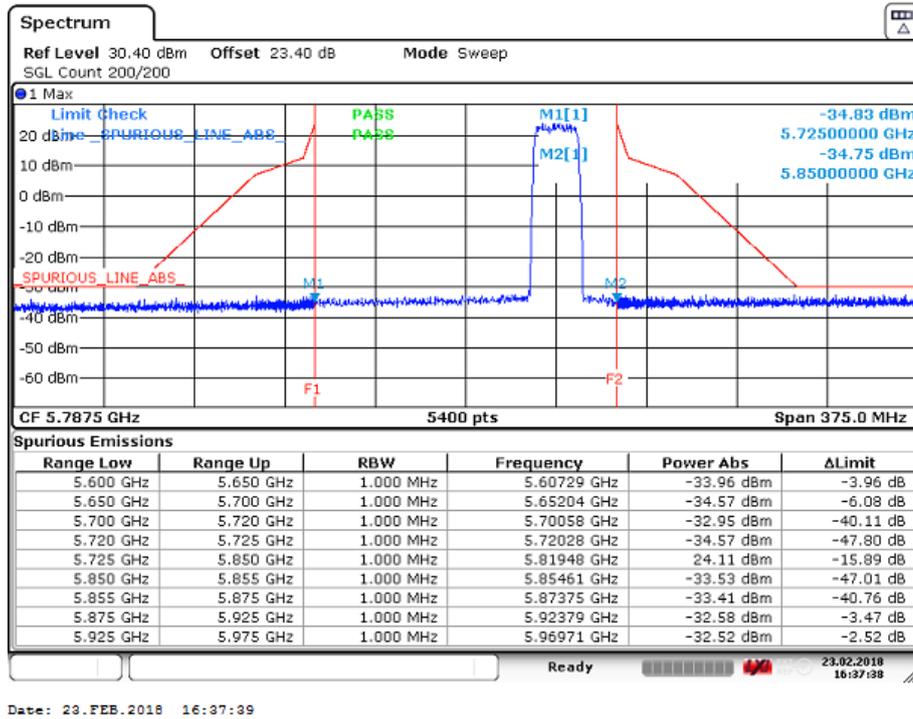


Figure 308 Spurious Emissions (Upper Band Edge) – QPSK (5825.0 MHz) (20MHz Channel BW)

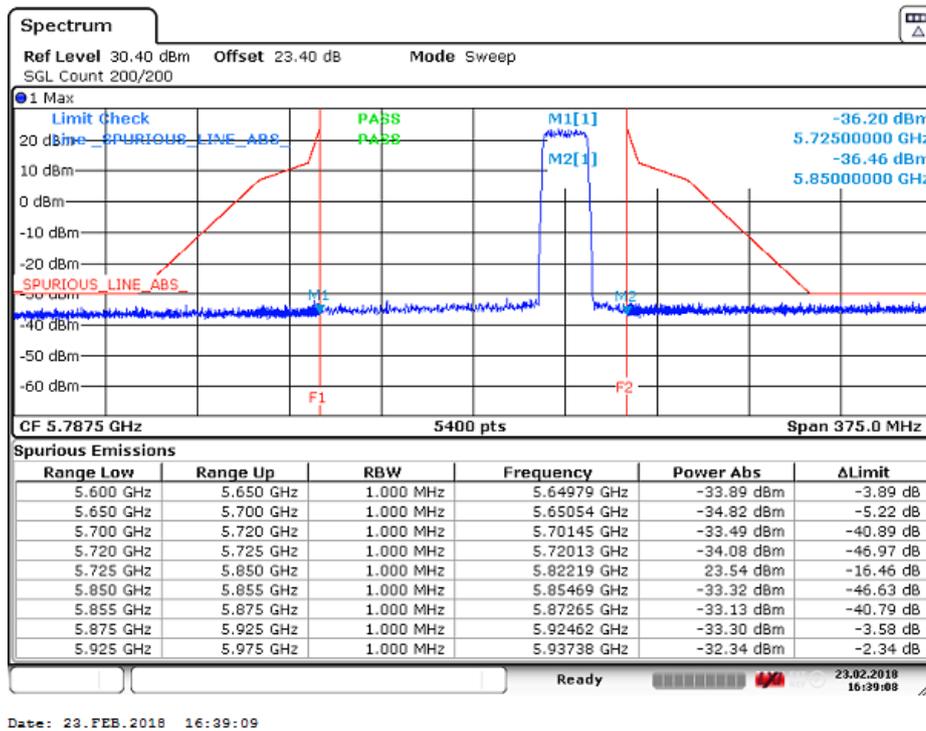


Figure 309 Spurious Emissions (Upper Band Edge) – 64QAM (5825.0 MHz) (20MHz Channel BW)

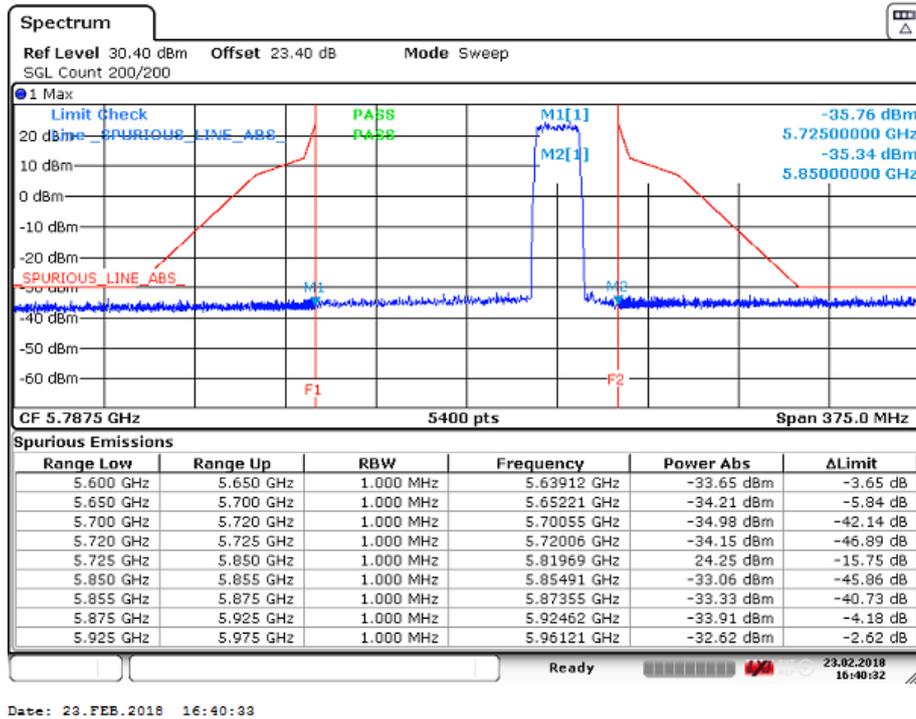


Figure 310 Spurious Emissions (Upper Band Edge) – 16QAM (5825.0 MHz) (20MHz Channel BW)

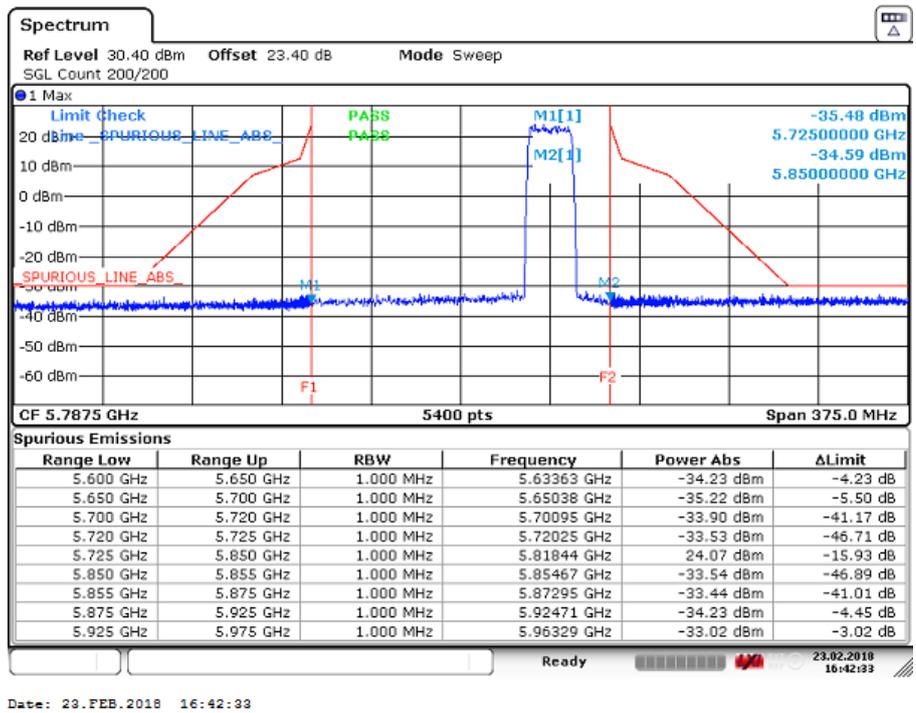


Figure 311 Spurious Emissions (Upper Band Edge) – 256QAM (5825.0 MHz) (20MHz Channel BW)

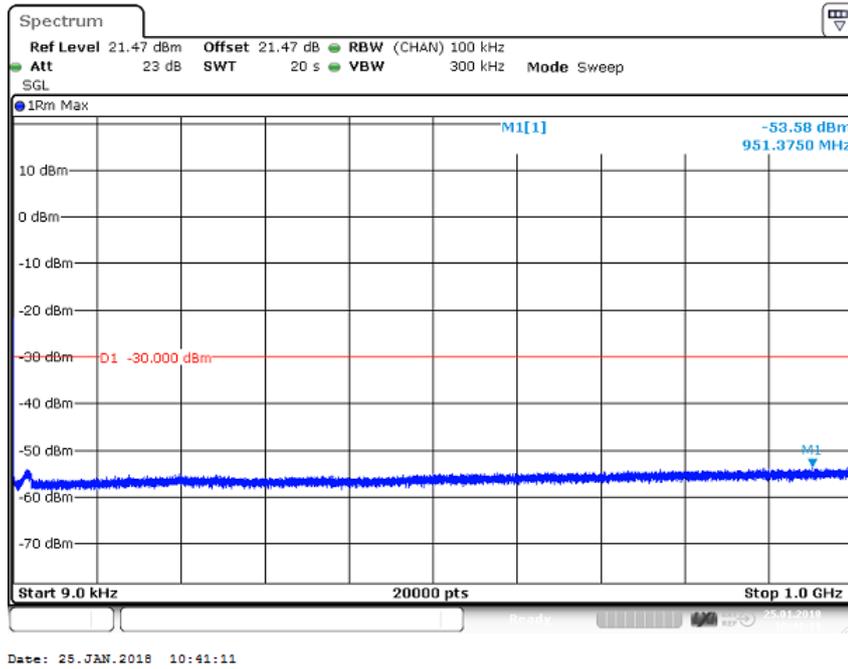


Figure 312 Spurious Emissions (9kHz – 1GHz) - QPSK (5785.0 MHz) (20MHz Channel BW)

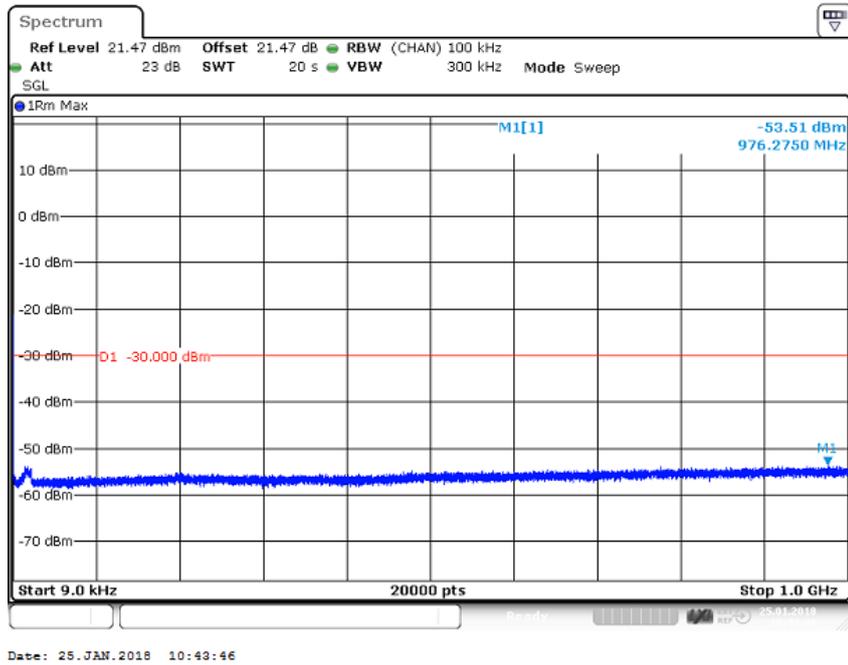
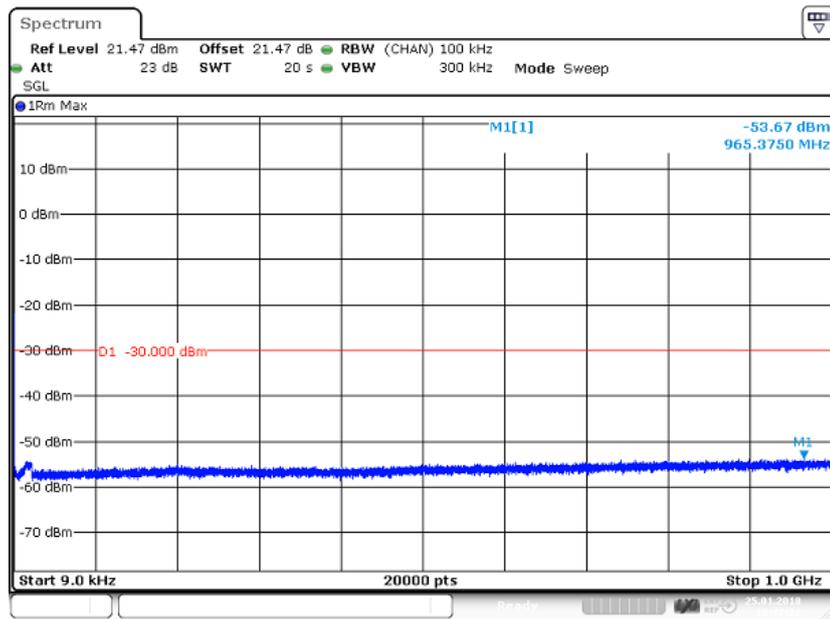
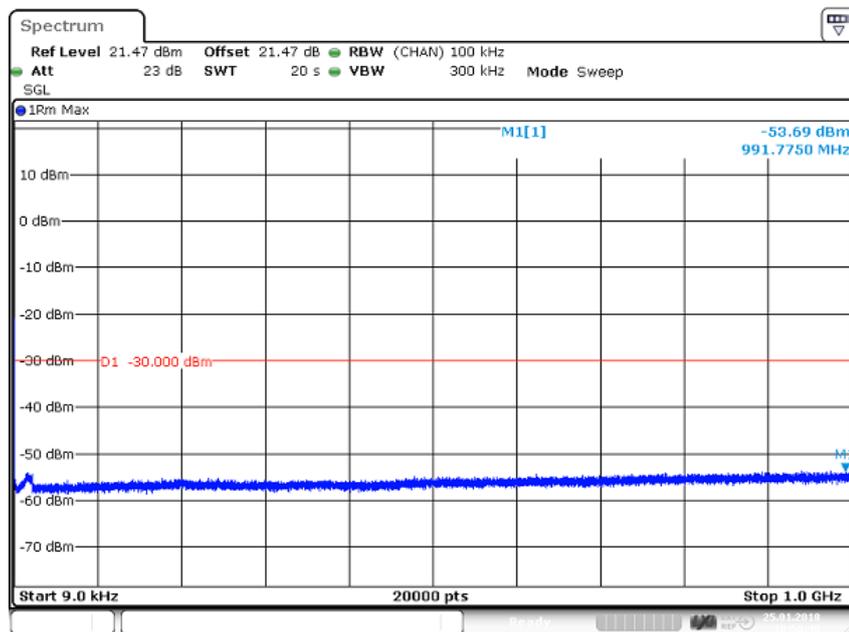


Figure 313 Spurious Emissions (9kHz – 1GHz) – 64QAM (5785.0 MHz) (20MHz Channel BW)



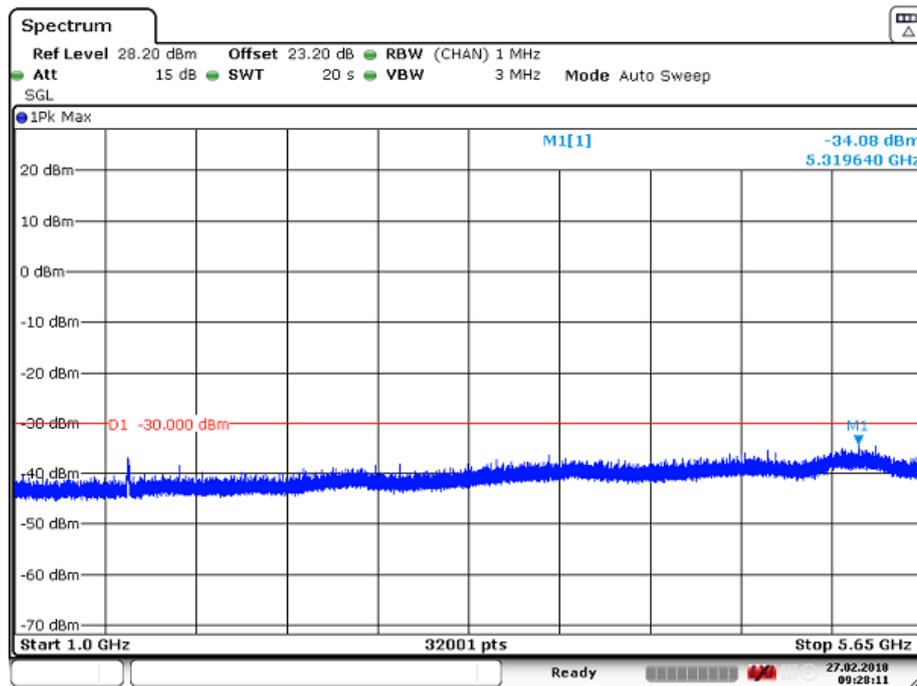
Date: 25.JAN.2018 10:47:22

Figure 314 Spurious Emissions (9kHz – 1GHz) – 16QAM (5785.0 MHz) (20MHz Channel BW)



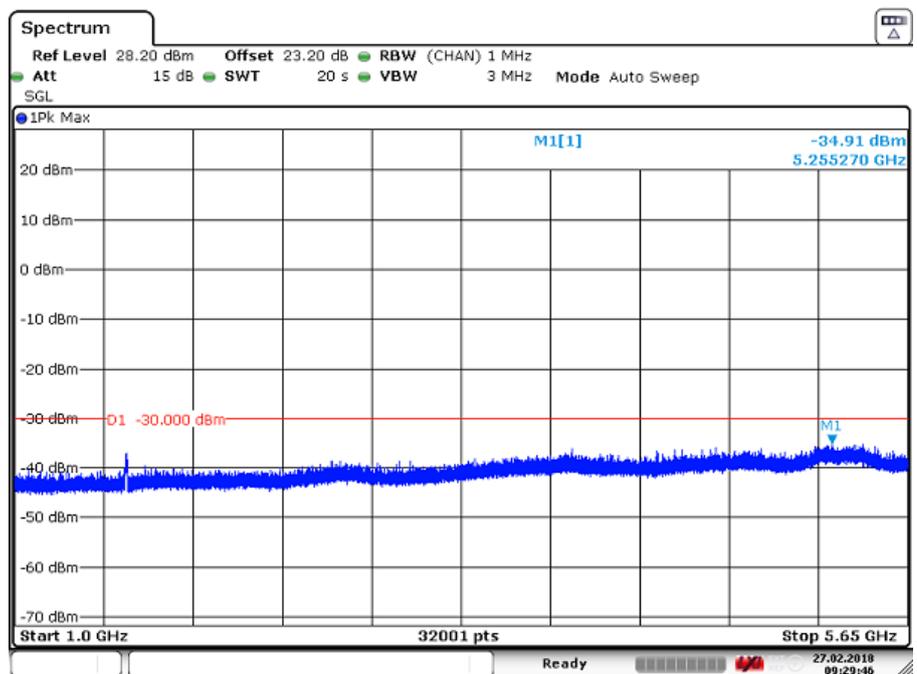
Date: 25.JAN.2018 10:50:48

Figure 315 Spurious Emissions (9kHz – 1GHz) – 256QAM (5785.0 MHz) (20MHz Channel BW)



Date: 27.FEB.2018 09:28:12

Figure 316 Spurious Emissions (1 GHz – 5.65 GHz) – QPSK (5785.0 MHz) (20MHz Channel BW)



Date: 27.FEB.2018 09:29:46

Figure 317 Spurious Emissions (1 GHz – 5.65 GHz) – 64QAM (5785.0 MHz) (20MHz Channel BW)

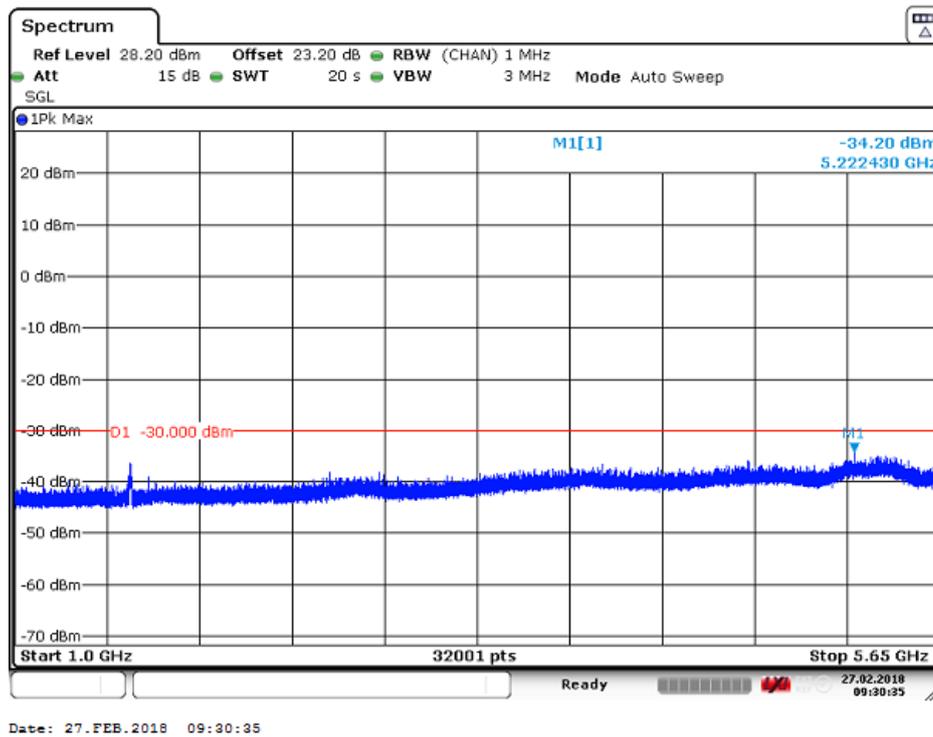


Figure 318 Spurious Emissions (1 GHz – 5.65 GHz) – 16QAM (5785.0 MHz) (20MHz Channel BW)

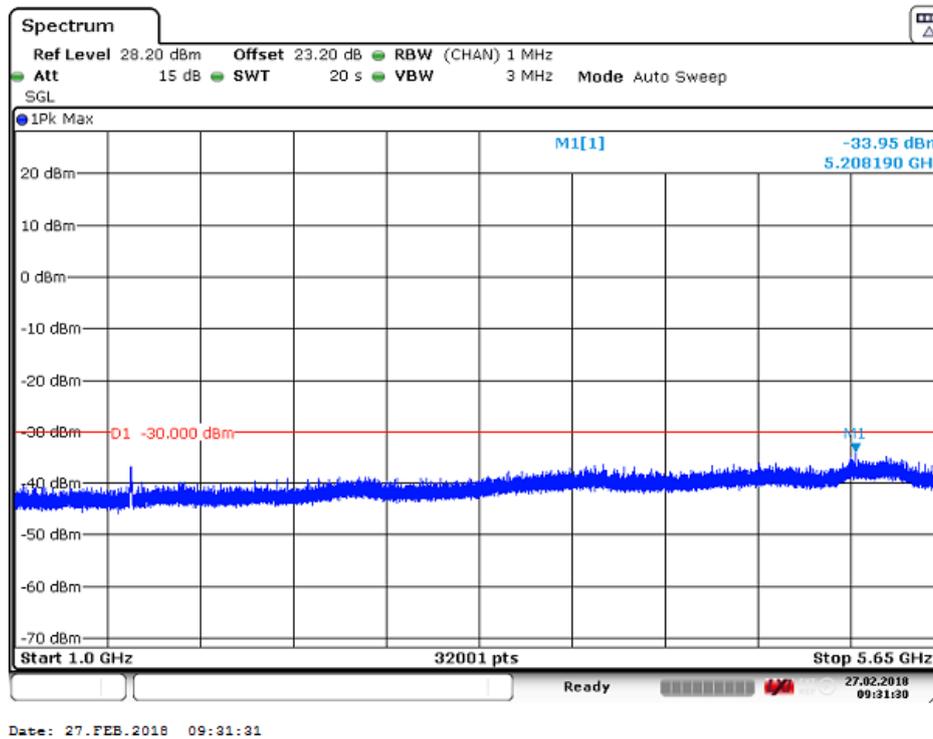
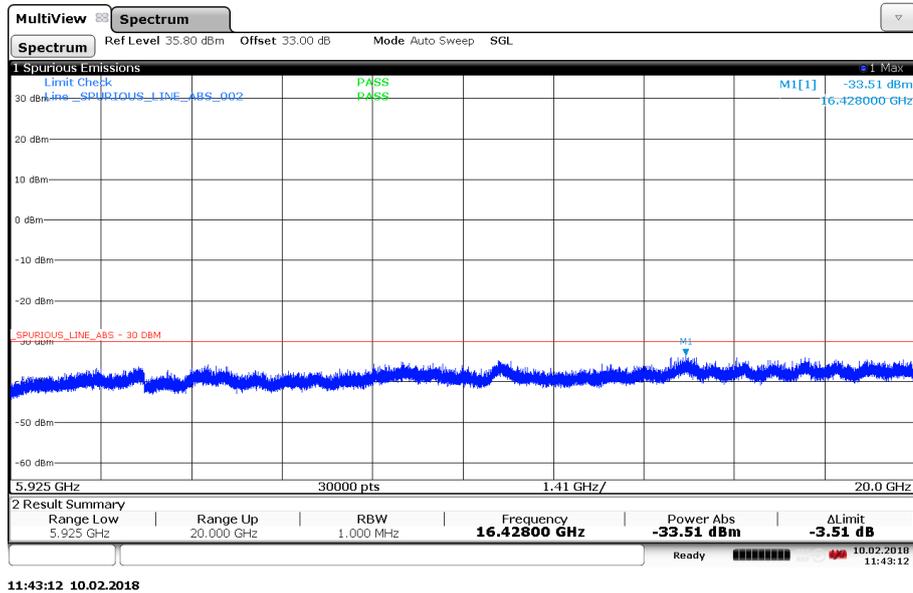
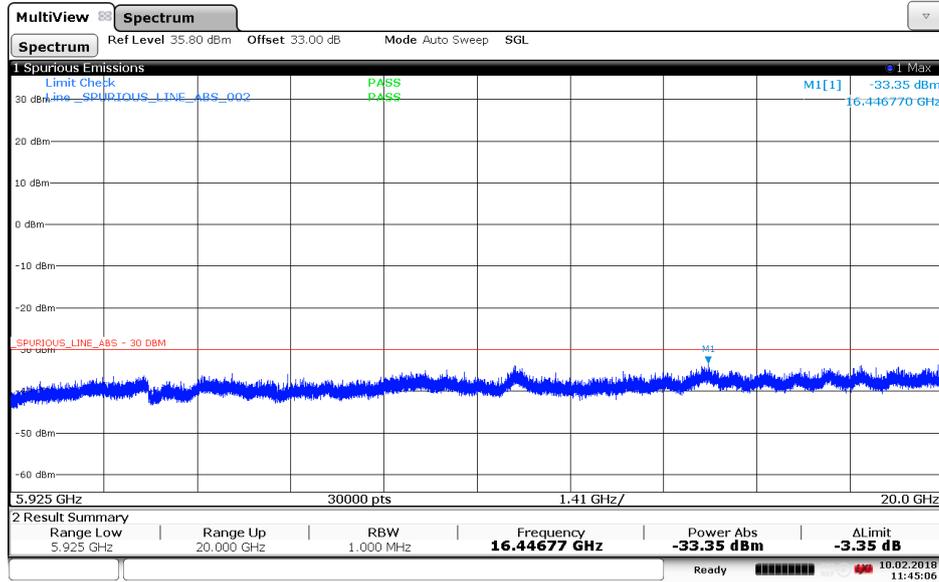


Figure 319 Spurious Emissions (1 GHz – 5.65 GHz) – 256QAM (5785.0 MHz) (20MHz Channel BW)



11:43:12 10.02.2018

Figure 320 Spurious Emissions (5.925 GHz – 20 GHz) – QPSK (5785.0 MHz) (20MHz Channel BW)



11:45:07 10.02.2018

Figure 321 Spurious Emissions (5.925 GHz – 20 GHz) – 64QAM (5785.0 MHz) (20MHz Channel BW)

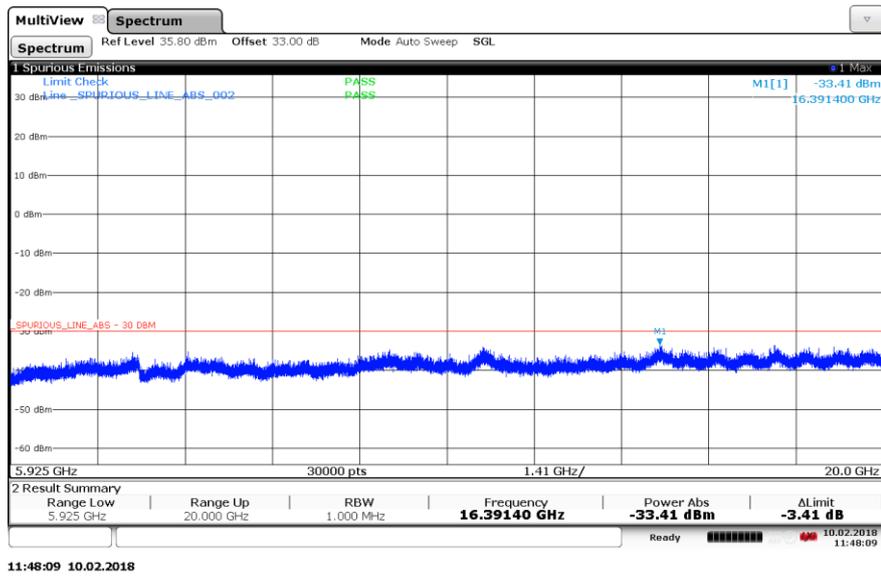


Figure 322 Spurious Emissions (5.925 GHz – 20 GHz) – 16QAM (5785.0 MHz) (20MHz Channel BW)

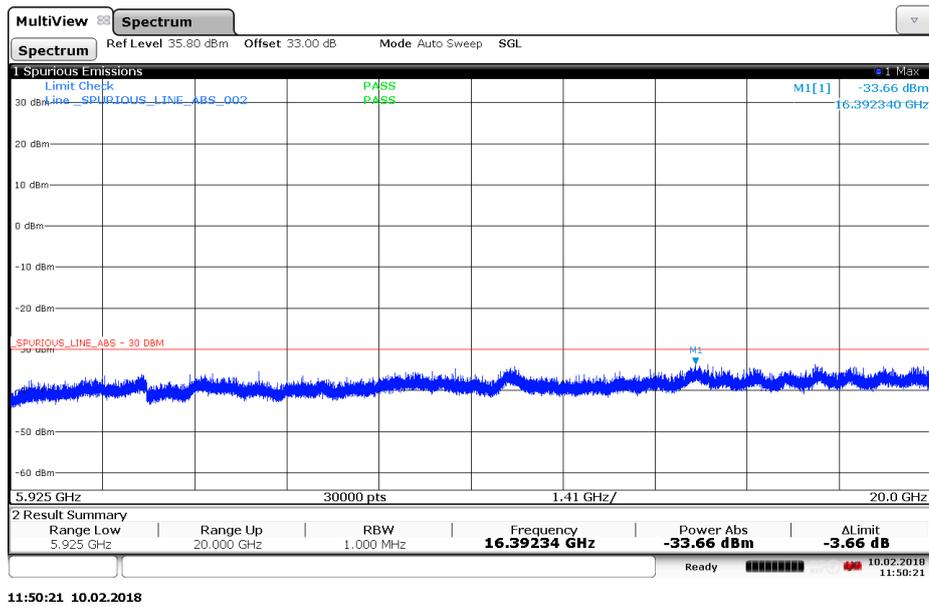
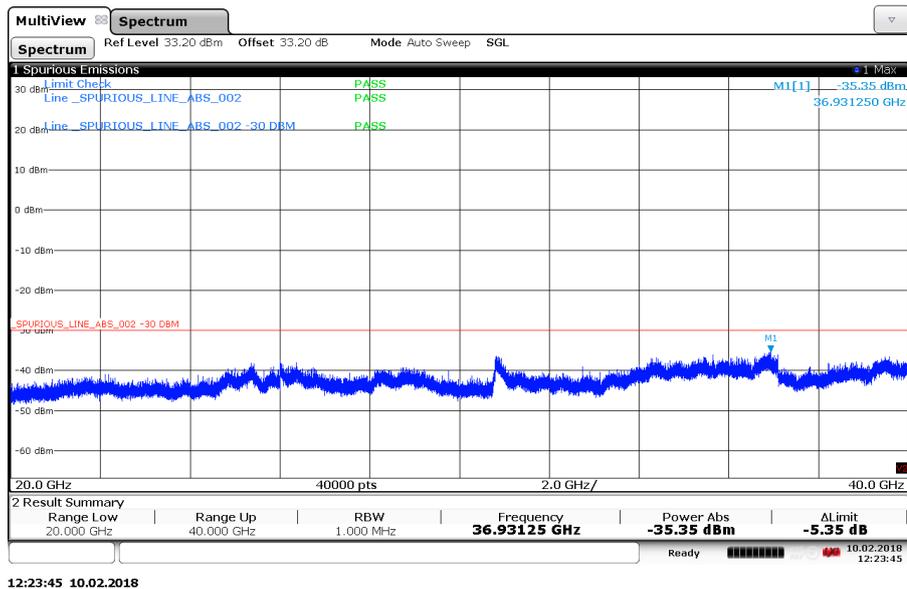
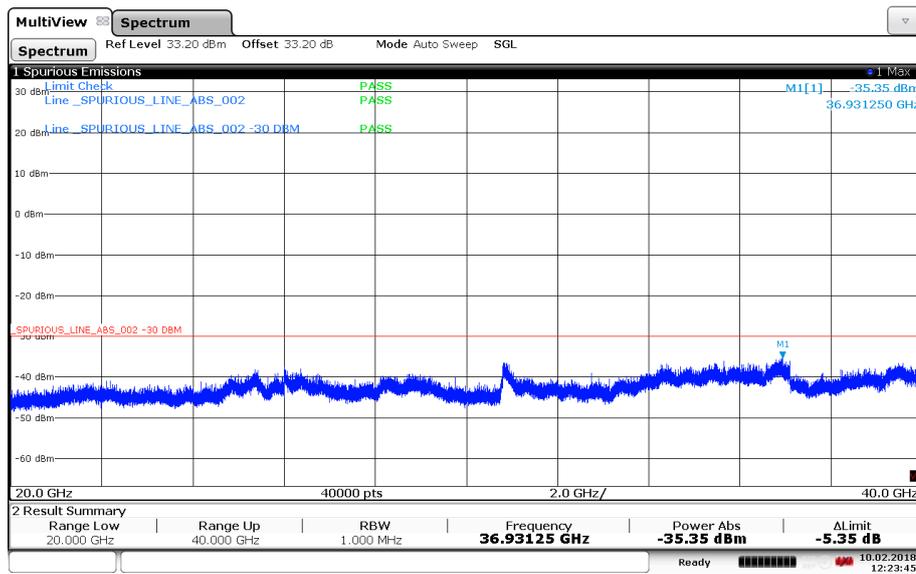


Figure 323 Spurious Emissions (5.925 GHz – 20 GHz) – 256QAM (5785.0 MHz) (20MHz Channel BW)



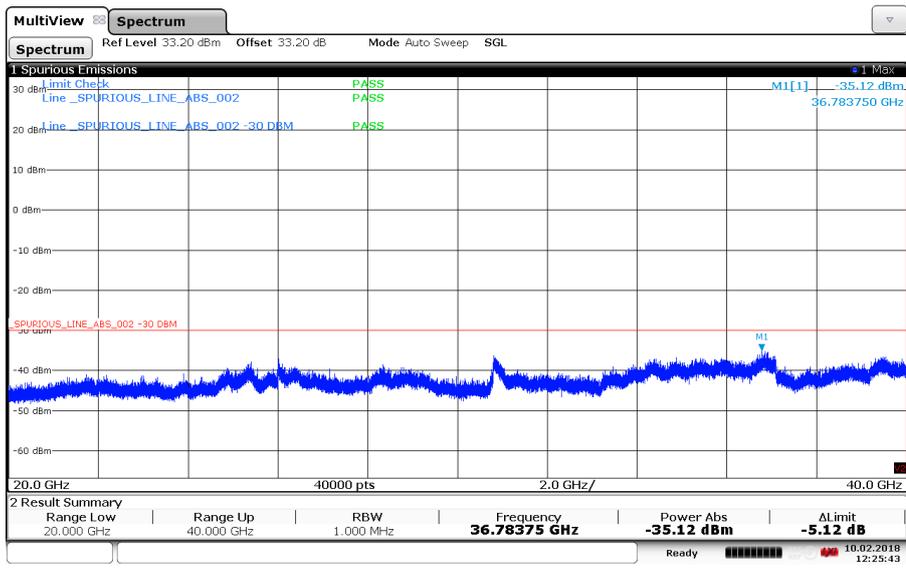
12:23:45 10.02.2018

Figure 324 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5785.0 MHz) (20MHz Channel BW)



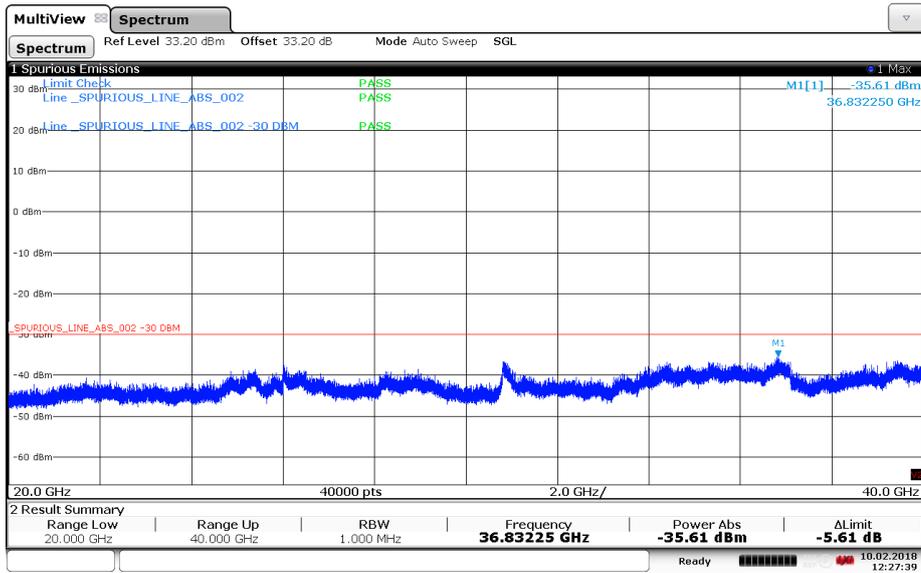
12:23:45 10.02.2018

Figure 325 Spurious Emissions (20 GHz – 40 GHz) – 64QAM (5785.0 MHz) (20MHz Channel BW)



12:25:44 10.02.2018

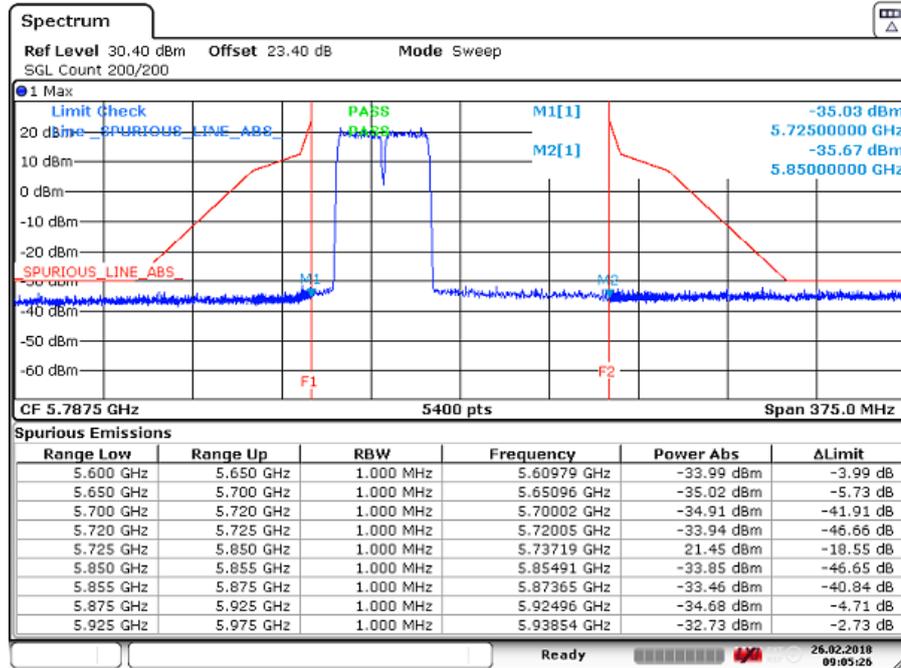
Figure 326 Spurious Emissions (20 GHz – 40 GHz) – 16QAM (5785.0 MHz) (20MHz Channel BW)



12:27:40 10.02.2018

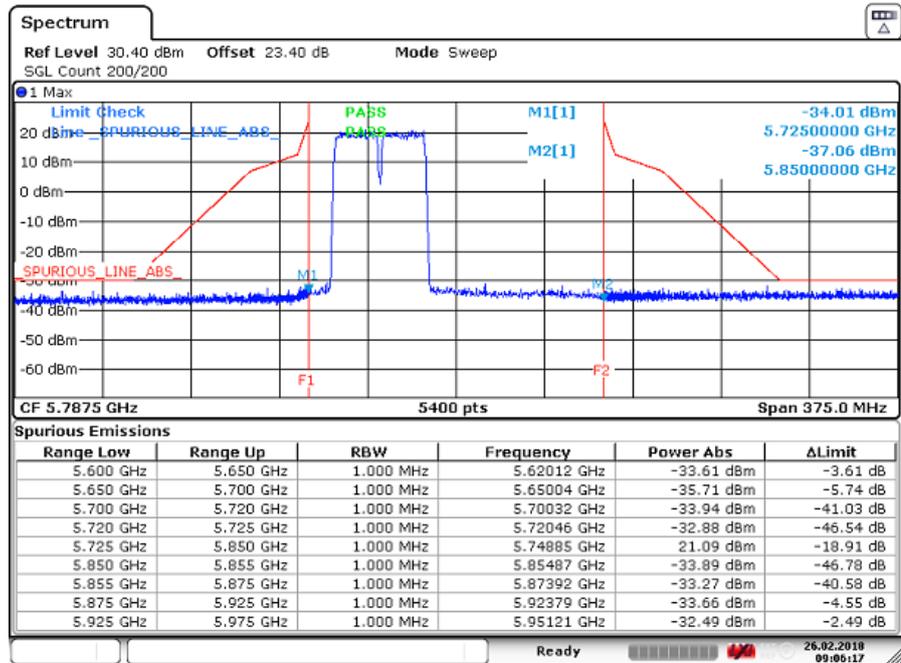
Figure 327 Spurious Emissions (20 GHz – 40 GHz) – 256QAM (5785.0 MHz) (20MHz Channel BW)

Config B ANT2:



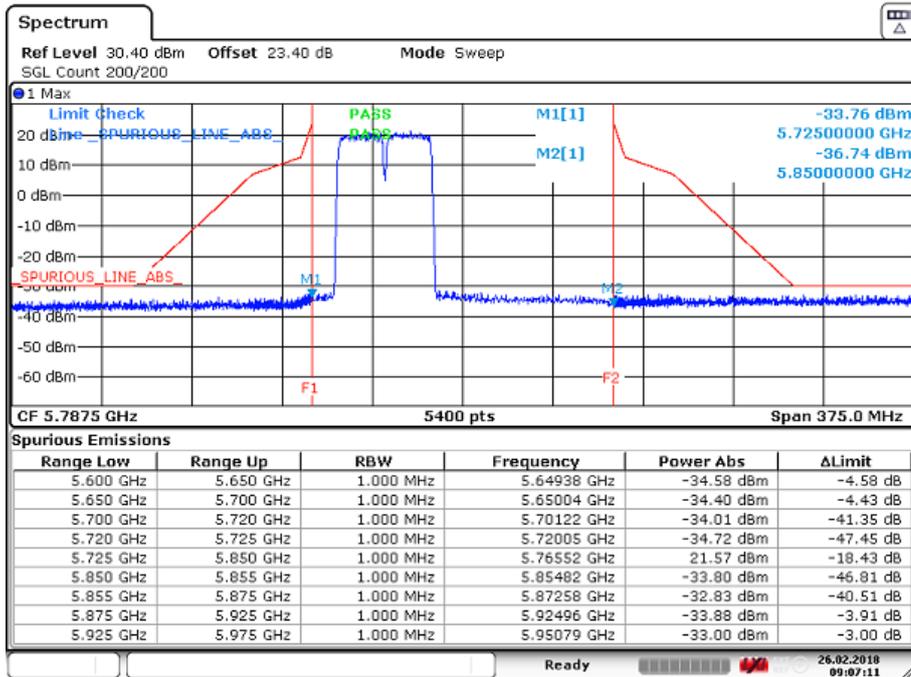
Date: 26.FEB.2018 09:05:27

Figure 328 Spurious Emissions (Lower Band Edge) – QPSK (5745.0/ 5765.0 MHz) (2 X 20MHz Channel BW)



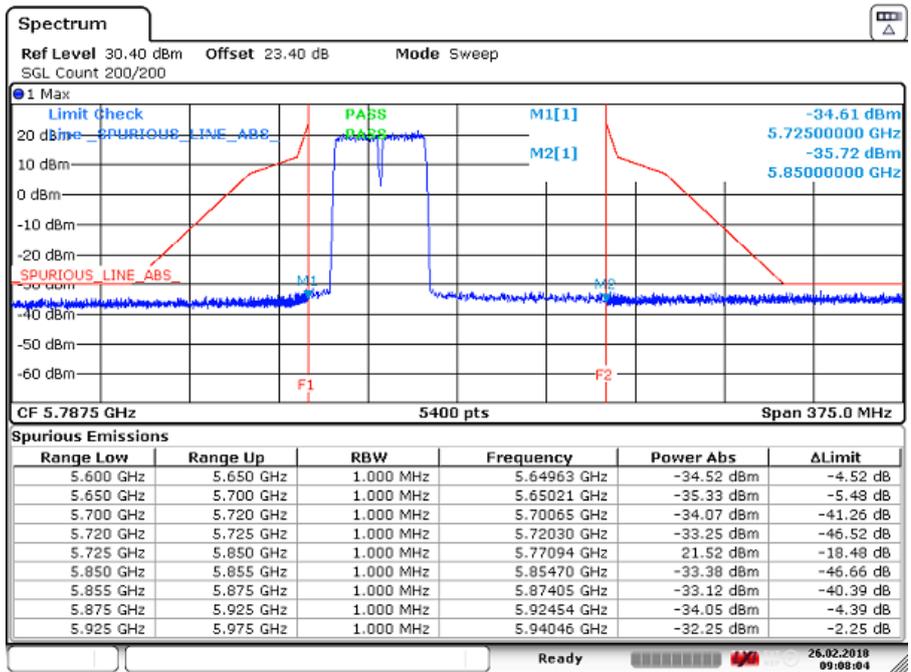
Date: 26.FEB.2018 09:06:17

Figure 329 Spurious Emissions (Lower Band Edge) – 64QAM (5745.0/ 5765.0 MHz) (2 X 20MHz Channel BW)



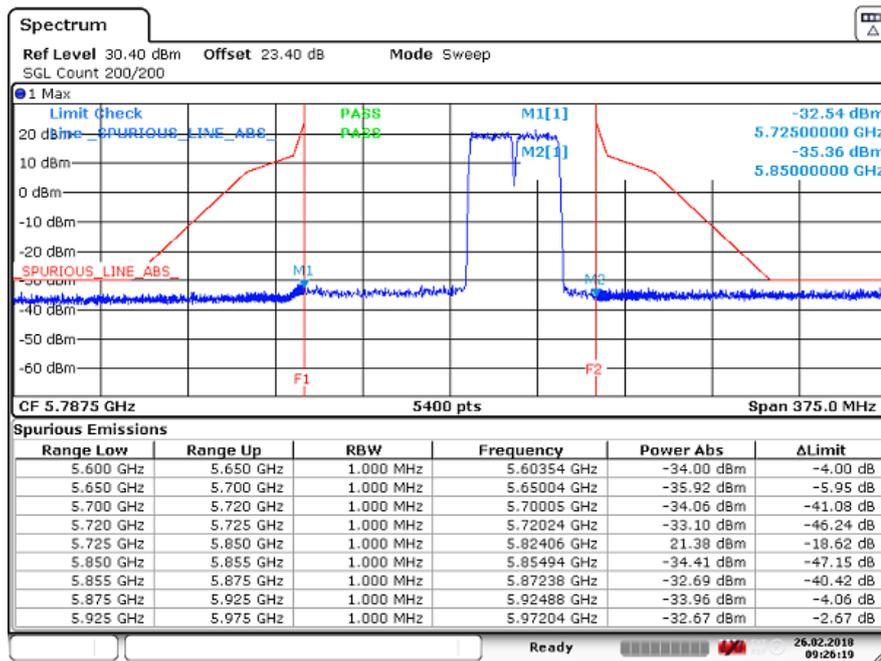
Date: 26.FEB.2018 09:07:12

Figure 330 Spurious Emissions (Lower Band Edge) – 16QAM (5745.0/ 5765.0 MHz) (2 X 20MHz Channel BW)



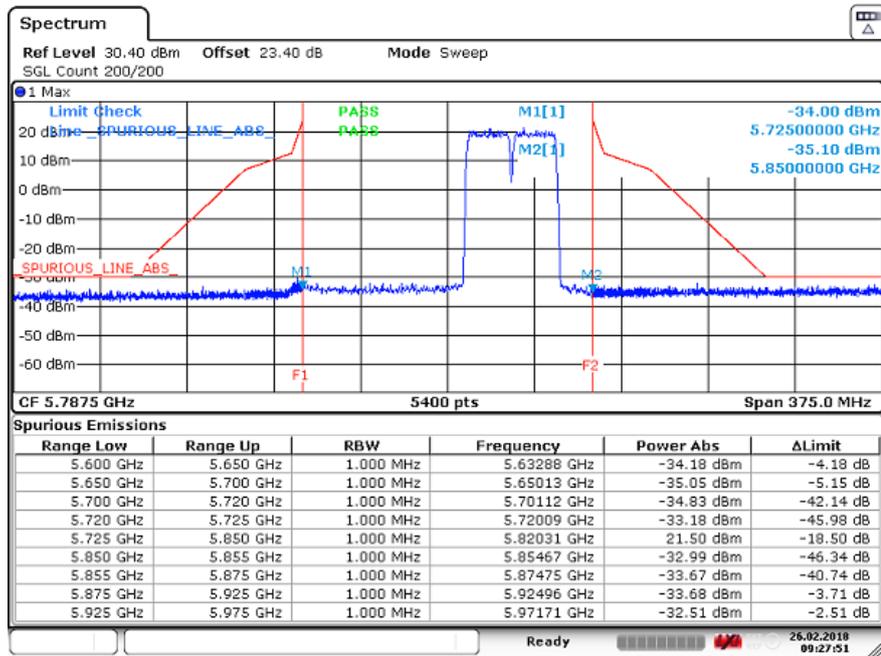
Date: 26.FEB.2018 09:08:05

Figure 331 Spurious Emissions (Lower Band Edge) – 256QAM (5745.0/ 5765.0 MHz) (2 X 20MHz Channel BW)



Date: 26.FEB.2018 09:26:20

Figure 332 Spurious Emissions (Upper Band Edge) – QPSK (5805.0/ 5825.0 MHz) (2 X 20MHz Channel BW)



Date: 26.FEB.2018 09:27:51

Figure 333 Spurious Emissions (Upper Band Edge) – 64QAM (5805.0/ 5825.0 MHz) (2 X 20MHz Channel BW)

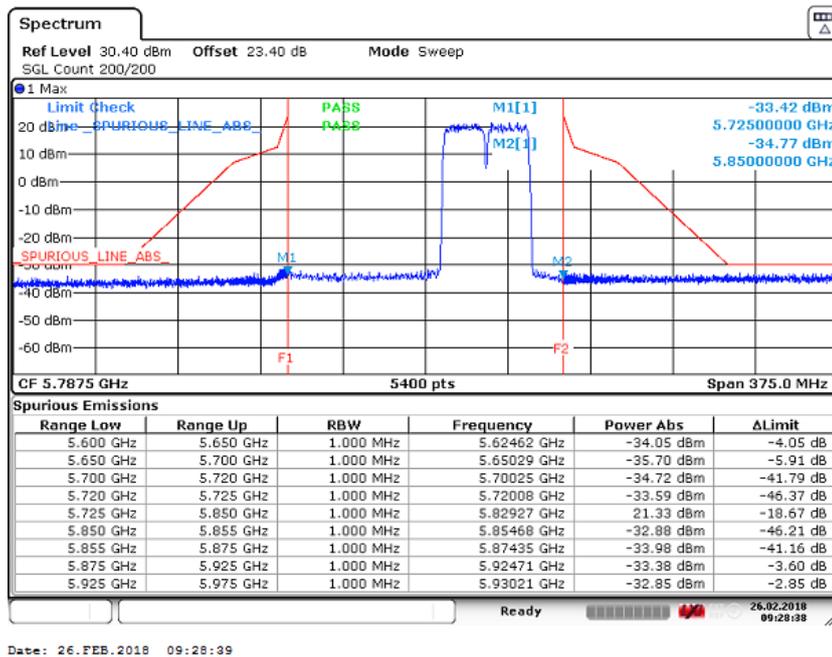


Figure 334 Spurious Emissions (Upper Band Edge) – 16QAM (5805.0/ 5825.0 MHz) (2 X 20MHz Channel BW)

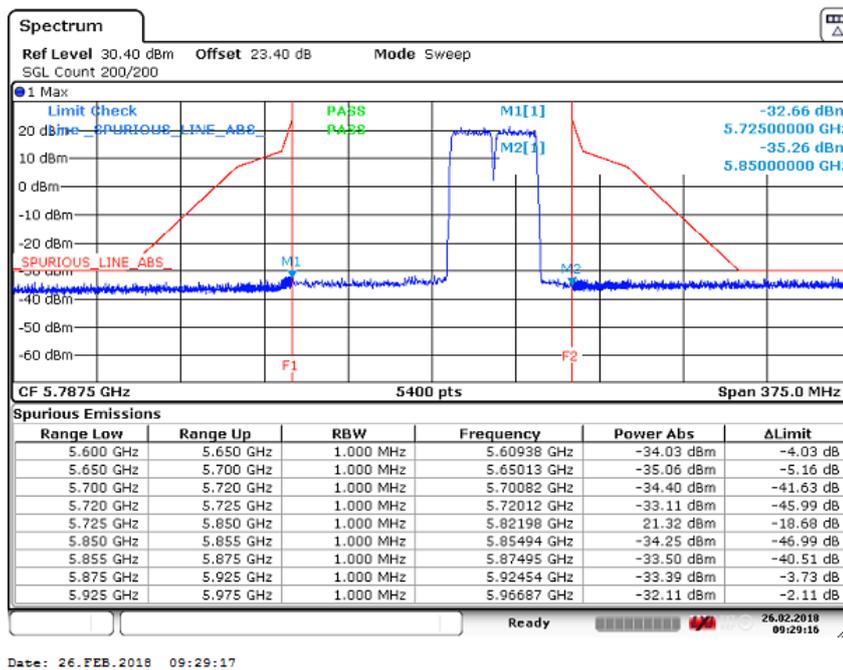


Figure 335 Spurious Emissions (Upper Band Edge) – 256QAM (5805.0/ 5825.0 MHz) (2 X 20MHz Channel BW)

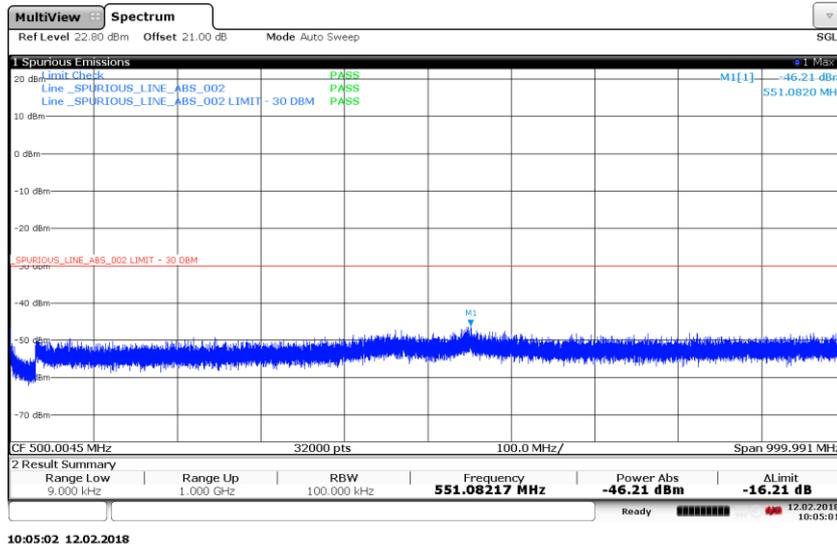


Figure 336 Spurious Emissions (9kHz – 1GHz) - QPSK (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

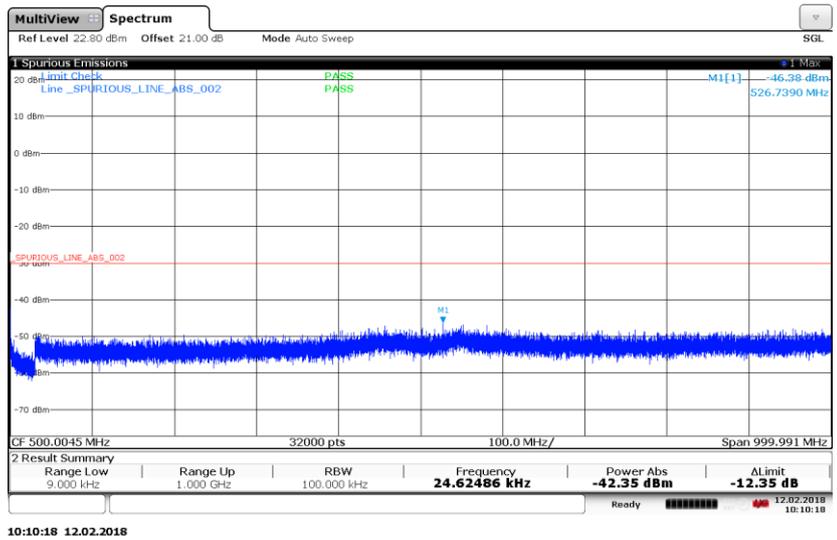


Figure 337 Spurious Emissions (9kHz – 1GHz) – 64QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

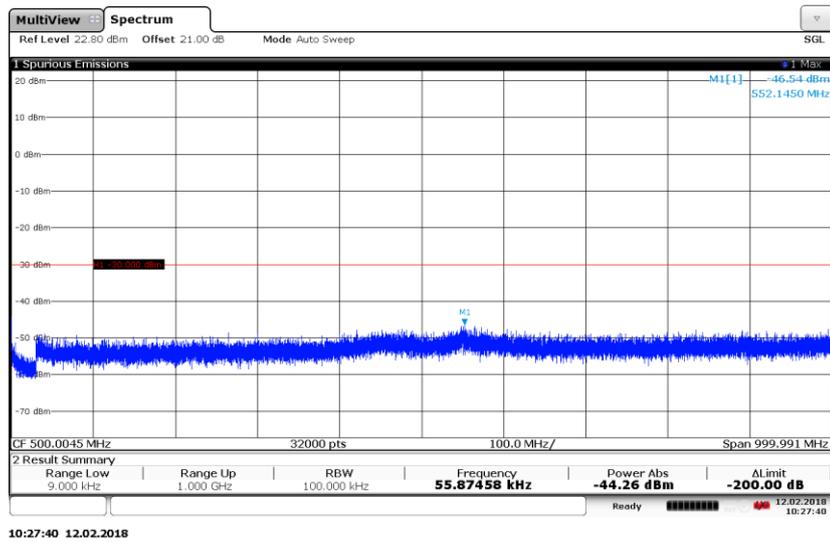


Figure 338 Spurious Emissions (9kHz – 1GHz) – 16QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

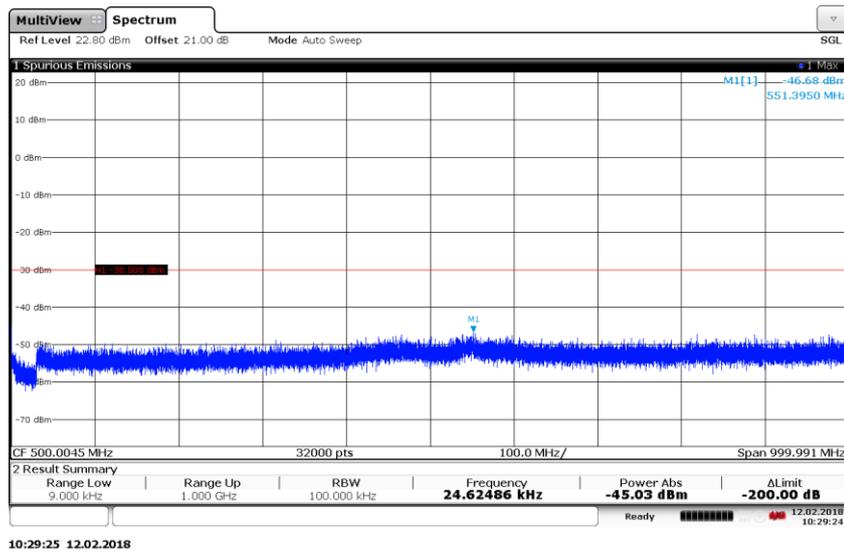


Figure 339 Spurious Emissions (9kHz – 1GHz) – 256QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

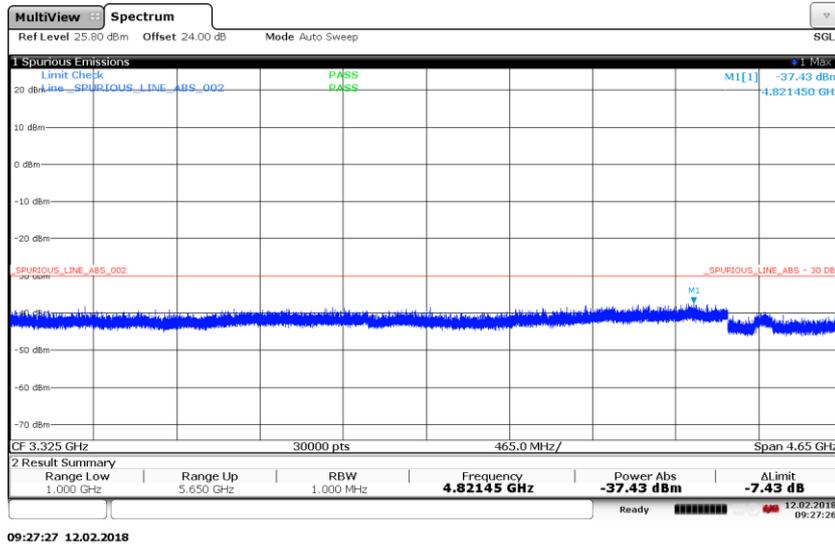


Figure 340 Spurious Emissions (1 GHz – 5.65 GHz) – QPSK (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

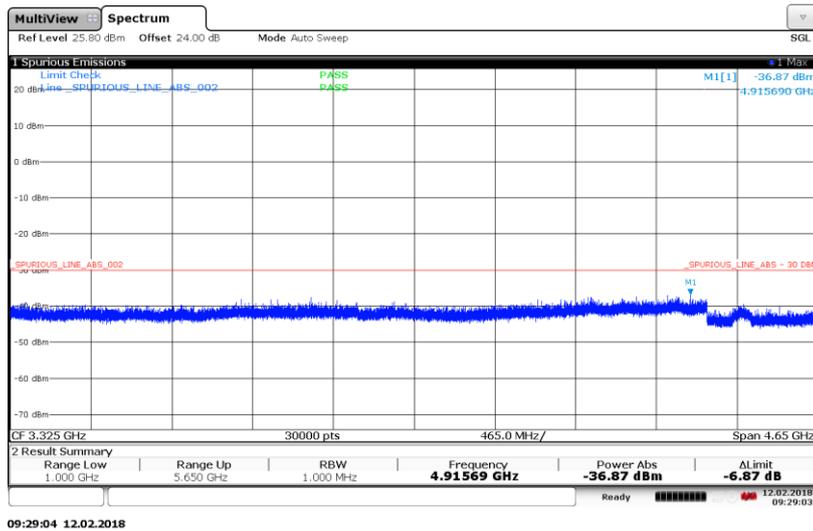


Figure 341 Spurious Emissions (1 GHz – 5.65 GHz) – 64QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

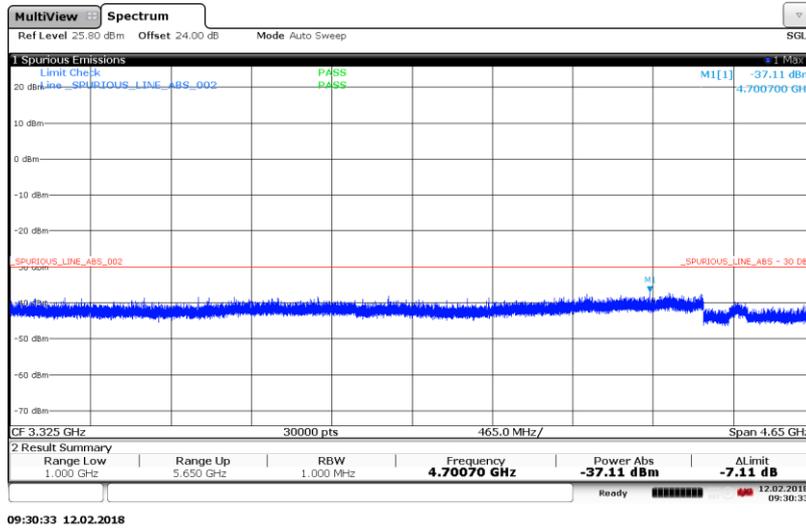


Figure 342 Spurious Emissions (1 GHz – 5.65 GHz) – 16QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

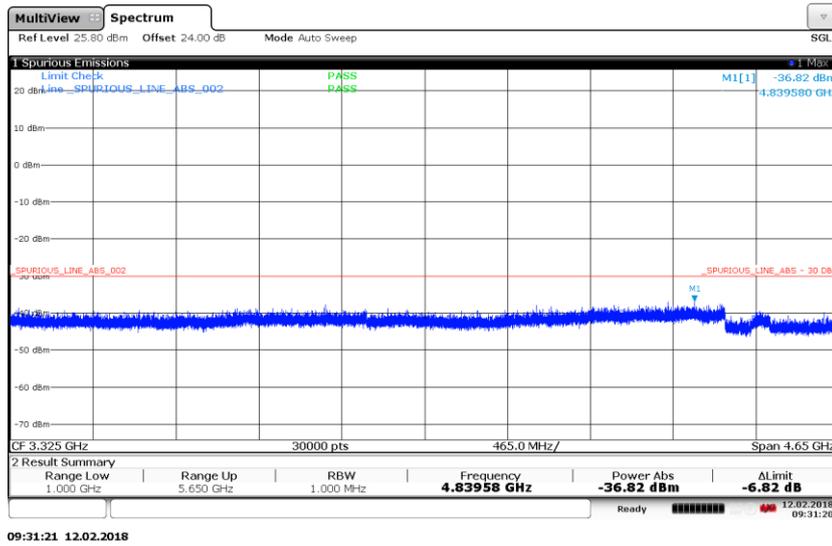


Figure 343 Spurious Emissions (1 GHz – 5.65 GHz) – 256QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

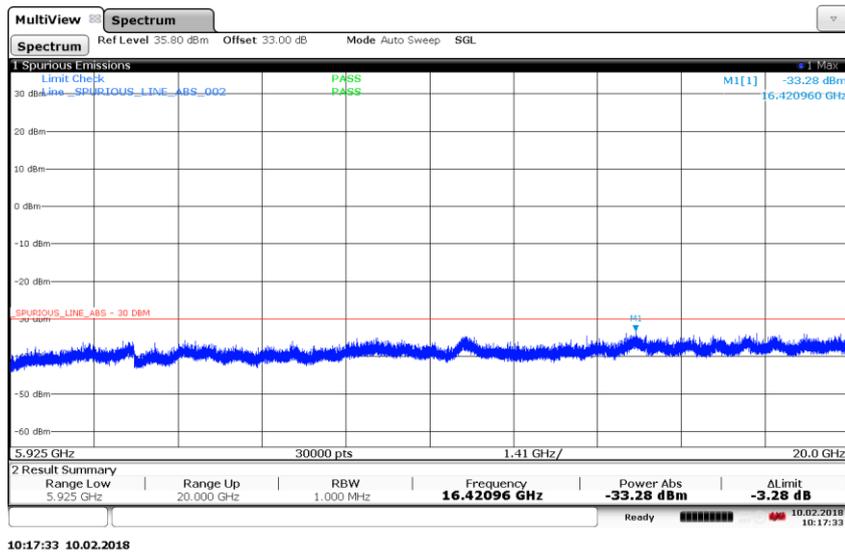


Figure 344 Spurious Emissions (5.925 GHz – 20 GHz) – QPSK (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

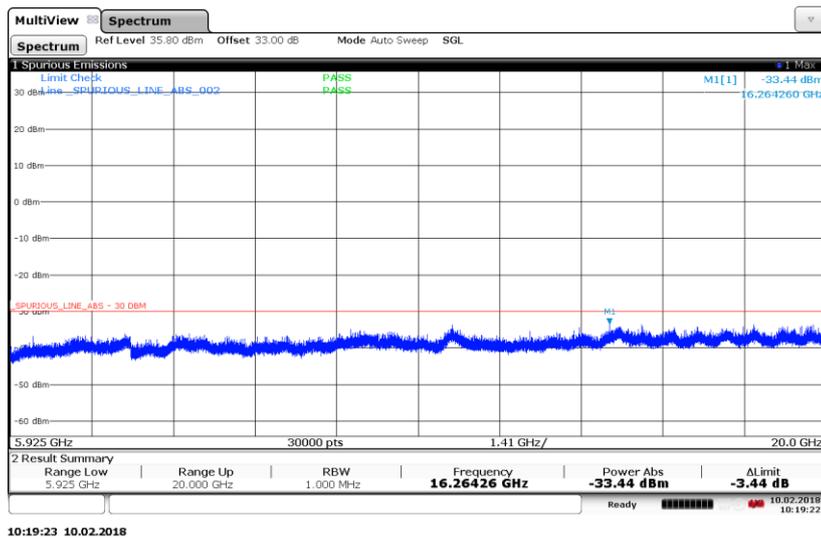


Figure 345 Spurious Emissions (5.925 GHz – 20 GHz) – 64QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

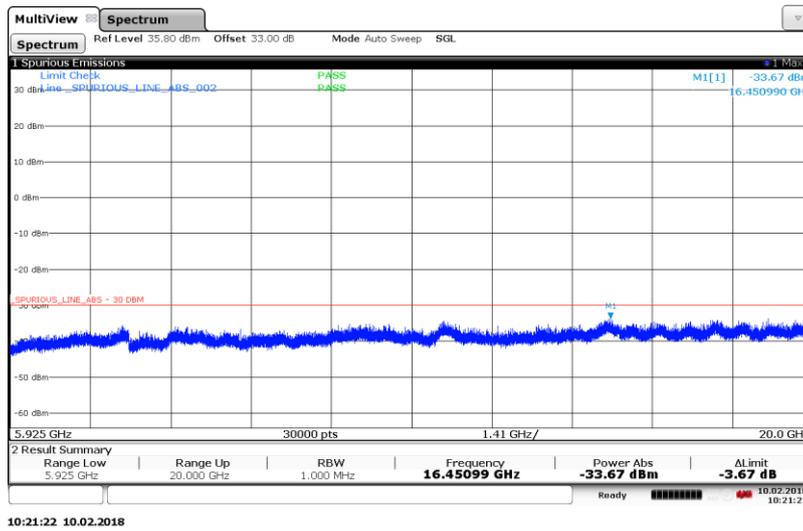


Figure 346 Spurious Emissions (5.925 GHz – 20 GHz) – 16QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

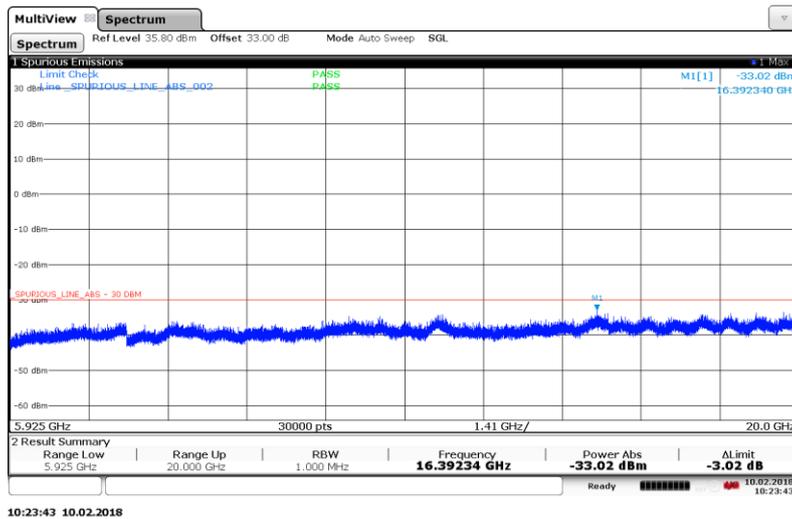


Figure 347 Spurious Emissions (5.925 GHz – 20 GHz) – 256QAM (5765.0/ 5785.0 MHz) (2 X 20MHz Channel BW)

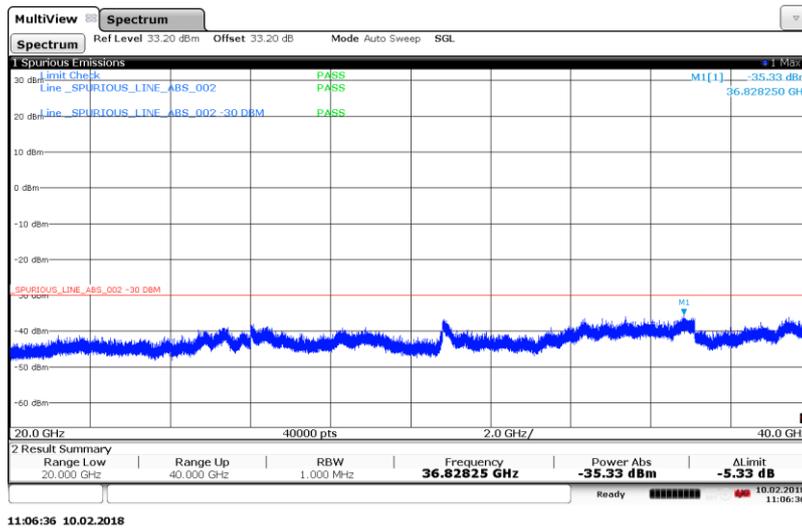


Figure 348 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5765.0/ 5785.0MHz) (2 X 20MHz Channel BW)

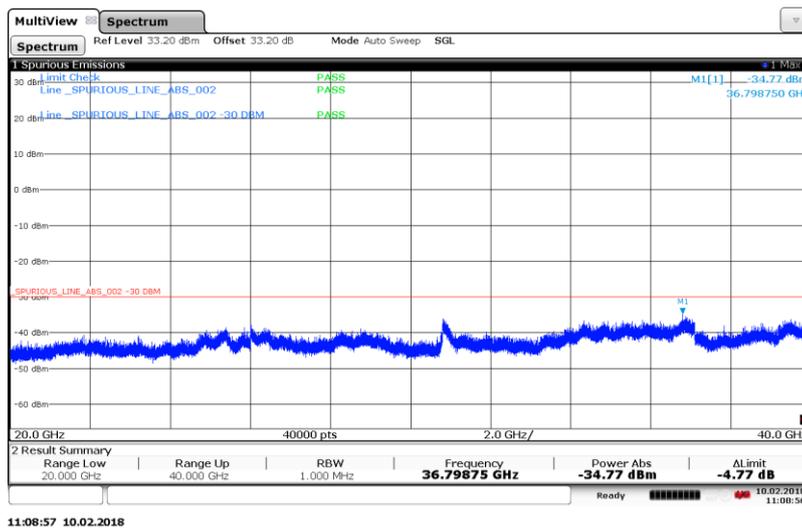


Figure 349 Spurious Emissions (20 GHz – 40 GHz) – 64QAM (5765.0/ 5785.0MHz) (2 X 20MHz Channel BW)

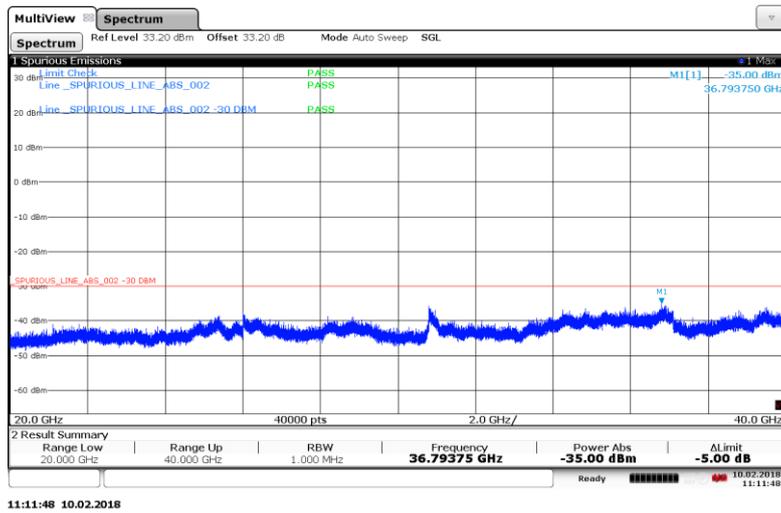


Figure 350 Spurious Emissions (20 GHz – 40 GHz) – 16QAM (5765.0/ 5785.0MHz) (2 X 20MHz Channel BW)

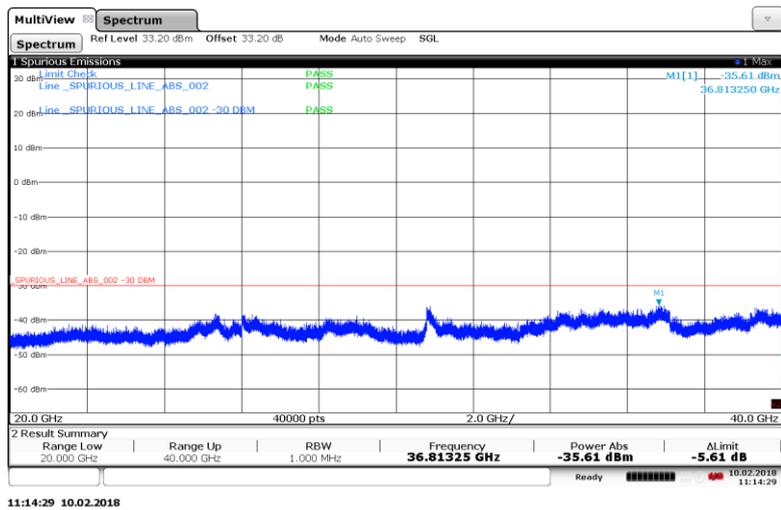
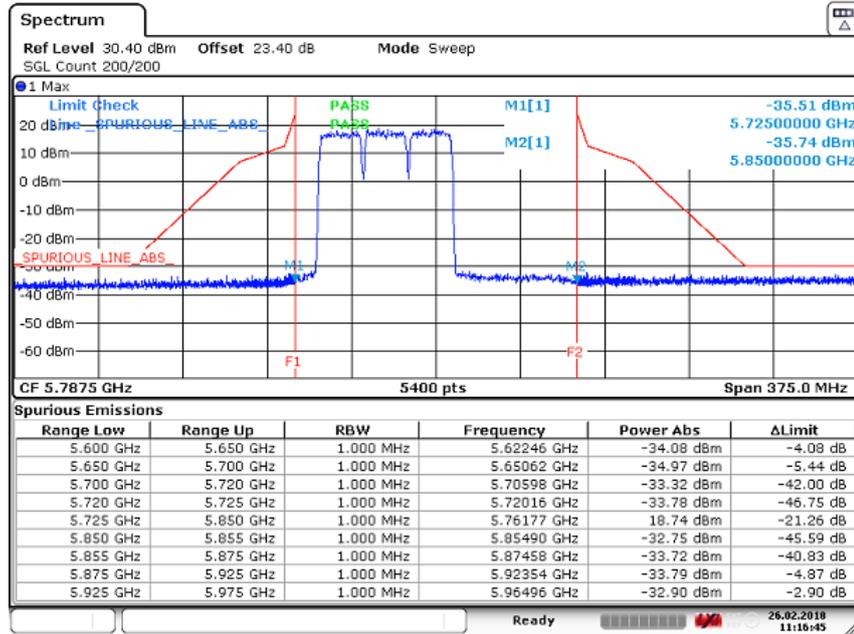


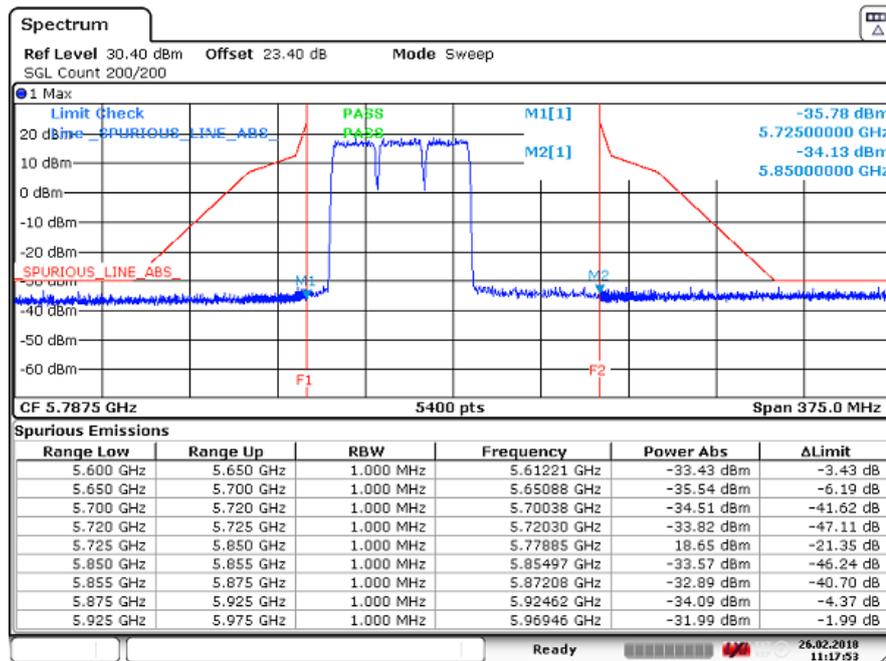
Figure 351 Spurious Emissions (20 GHz – 40 GHz) – 256QAM (5765.0/ 5785.0MHz) (2 X 20MHz Channel BW)

Config C ANT2:



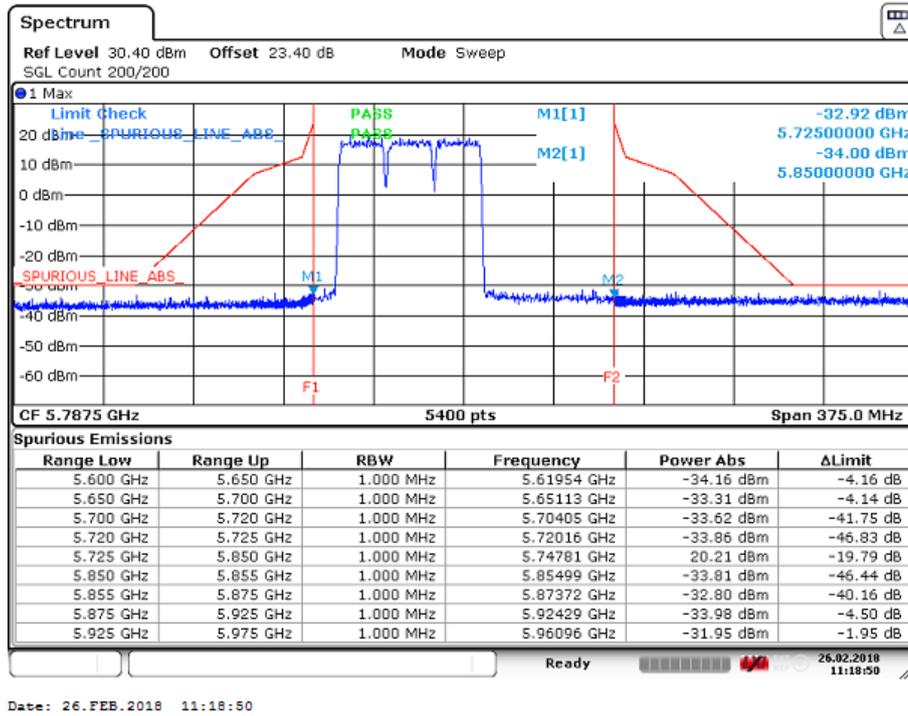
Date: 26.FEB.2018 11:16:46

Figure 352 Spurious Emissions (Lower Band Edge) – QPSK (5745.0/ 5765.0/ 5785.0 MHz) (3 X 20MHz Channel BW)



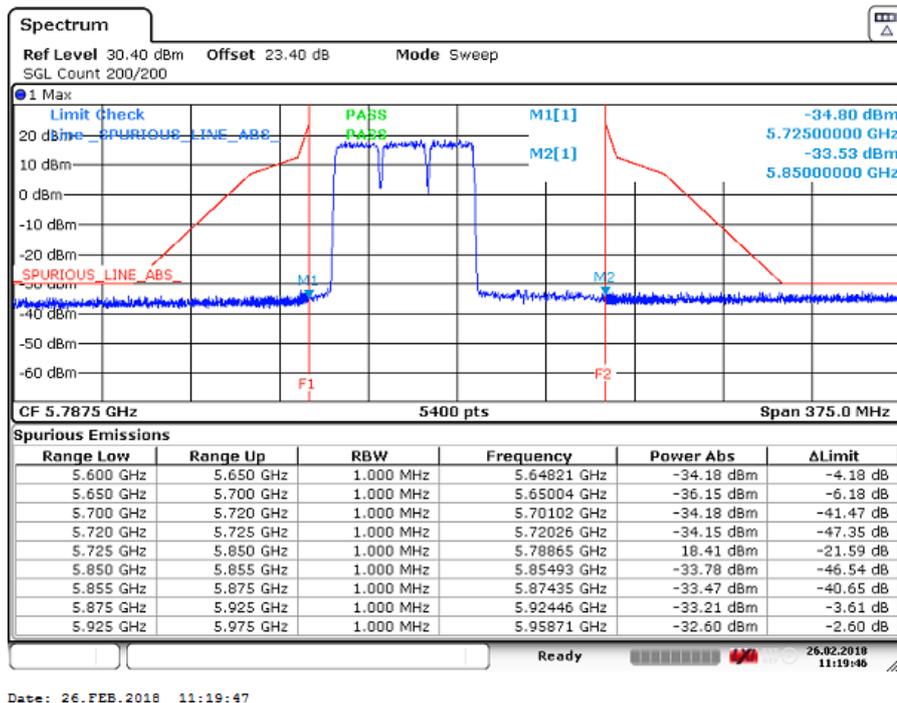
Date: 26.FEB.2018 11:17:53

Figure 353 Spurious Emissions (Lower Band Edge) – 64QAM (5745.0/ 5765.0/ 5785.0 MHz) (3 X 20MHz Channel BW)



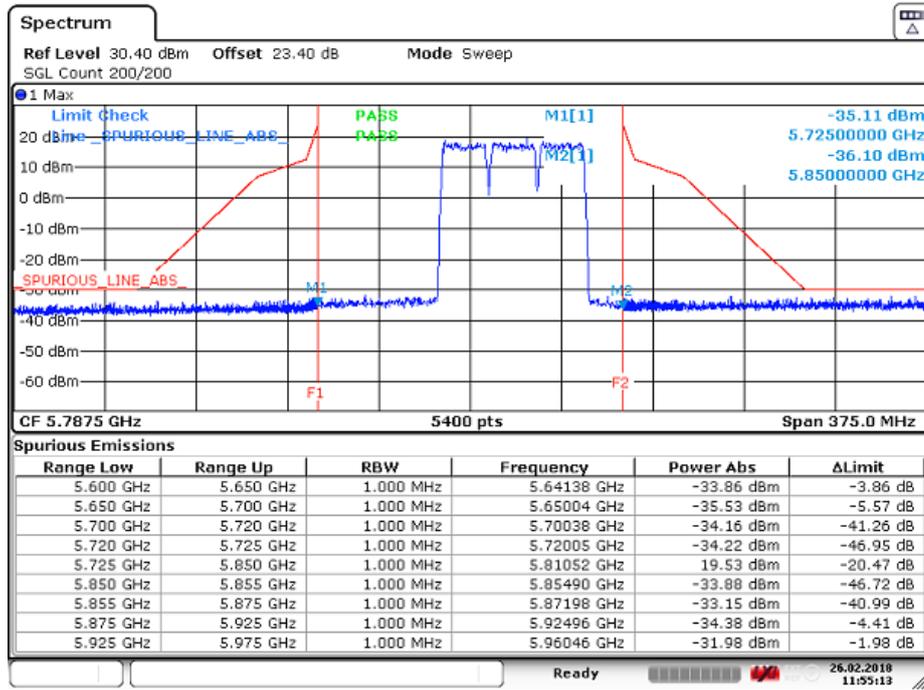
Date: 26.FEB.2018 11:18:50

Figure 354 Spurious Emissions (Lower Band Edge) – 16QAM (5745.0/ 5765.0/ 5785.0 MHz) (3 X 20MHz Channel BW)



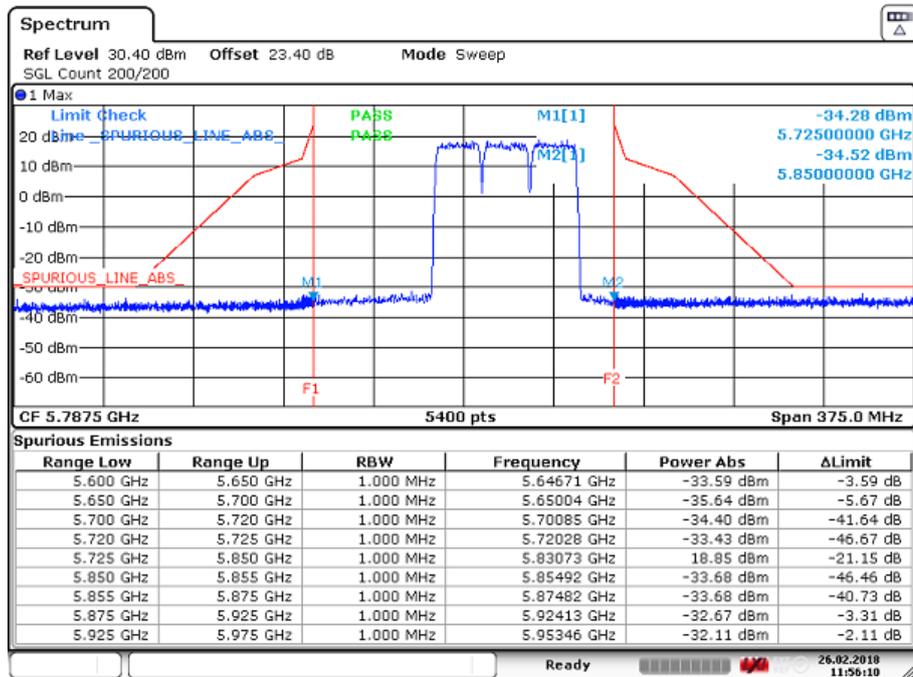
Date: 26.FEB.2018 11:19:47

Figure 355 Spurious Emissions (Lower Band Edge) – 256QAM (5745.0/ 5765.0/ 5785.0 MHz) (3 X 20MHz Channel BW)



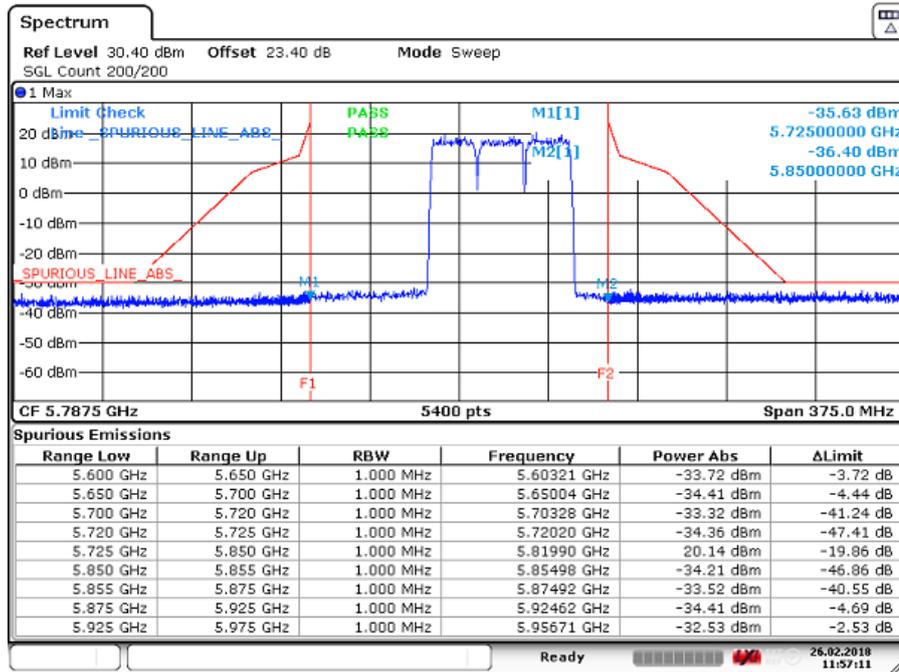
Date: 26.FEB.2018 11:55:13

Figure 356 Spurious Emissions (Upper Band Edge) – QPSK (5785.0/ 5805.0/ 5825.0 MHz) (3 X 20MHz Channel BW)



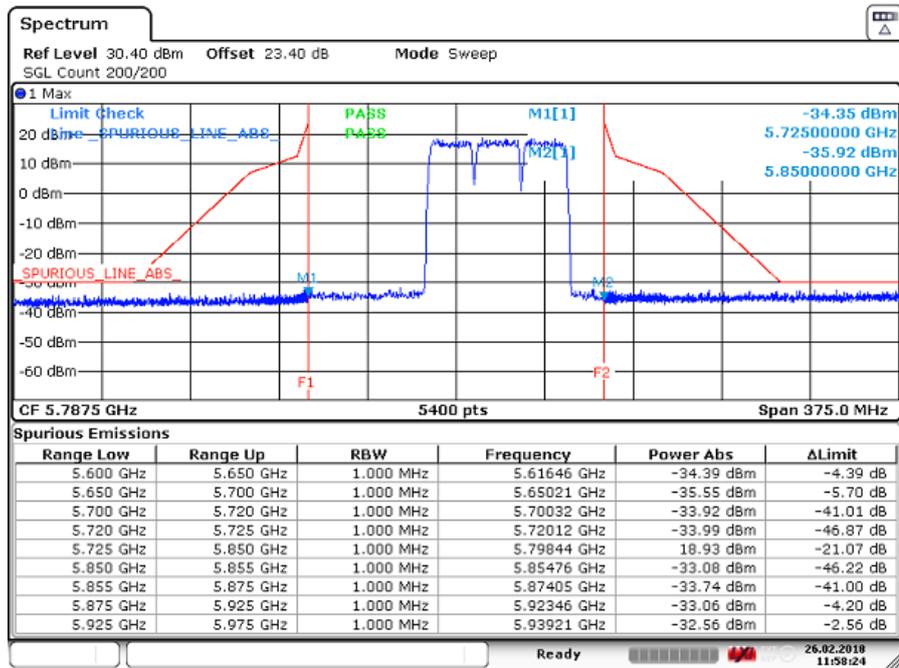
Date: 26.FEB.2018 11:56:10

Figure 357 Spurious Emissions (Upper Band Edge) – 64QAM (5785.0/ 5805.0/ 5825.0 MHz) (3 X 20MHz Channel BW)



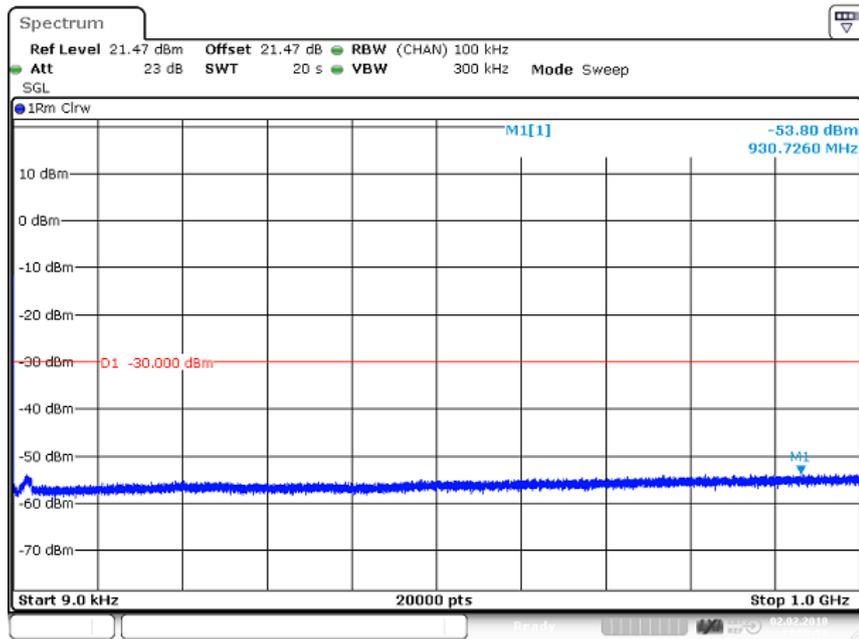
Date: 26.FEB.2018 11:57:11

Figure 358 Spurious Emissions (Upper Band Edge) – 16QAM (5785.0/ 5805.0/ 5825.0 MHz) (3 X 20MHz Channel BW)

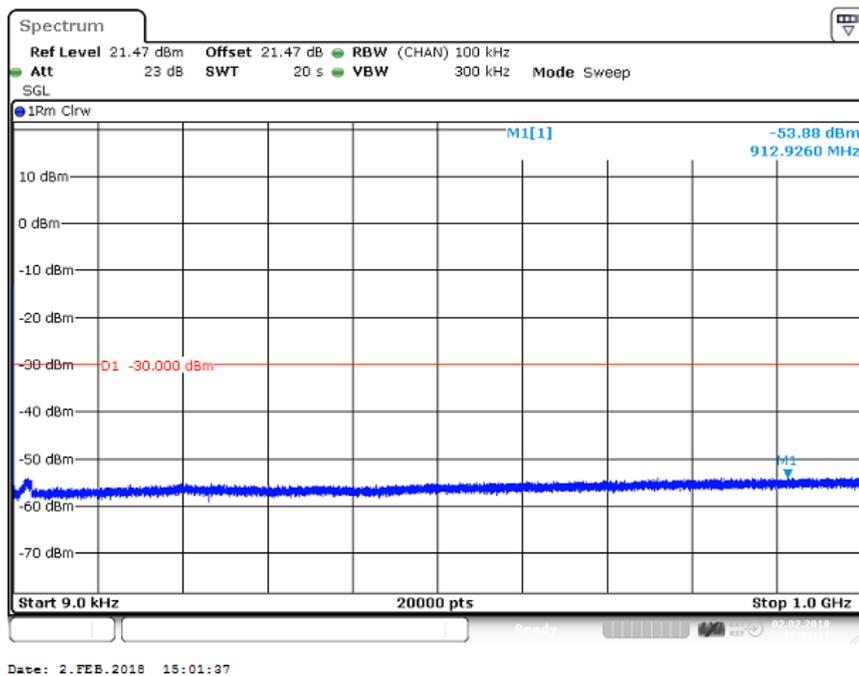


Date: 26.FEB.2018 11:58:25

Figure 359 Spurious Emissions (Upper Band Edge) – 256QAM (5785.0/ 5805.0/ 5825.0 MHz) (3 X 20MHz Channel BW)



**Figure 360 Spurious Emissions (9kHz – 1GHz) - QPSK (5765.0/ 5787.0/ 5805.0 MHz)
(3 X 20MHz Channel BW)**



**Figure 361 Spurious Emissions (9kHz – 1GHz) – 64QAM (5765.0/ 5787.0/ 5805.0 MHz)
(3 X 20MHz Channel BW)**

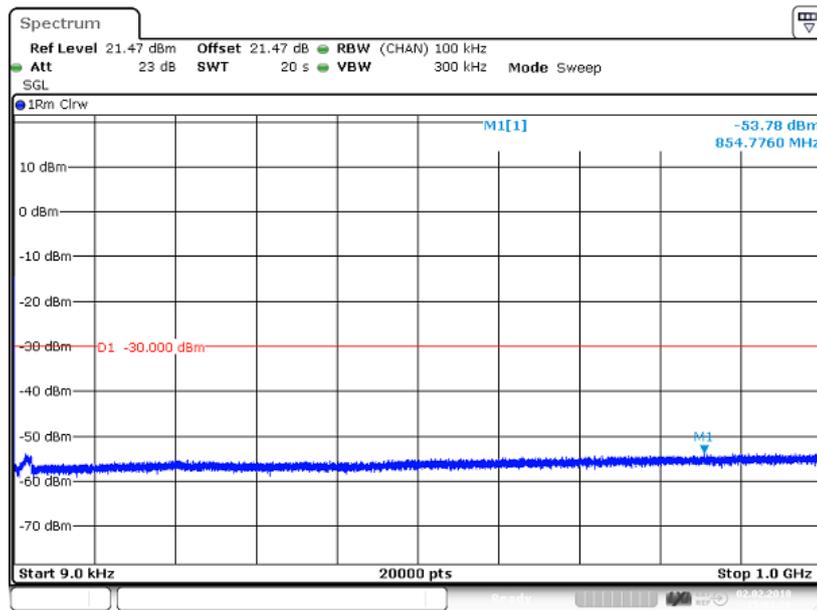


Figure 362 Spurious Emissions (9kHz – 1GHz) – 16QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

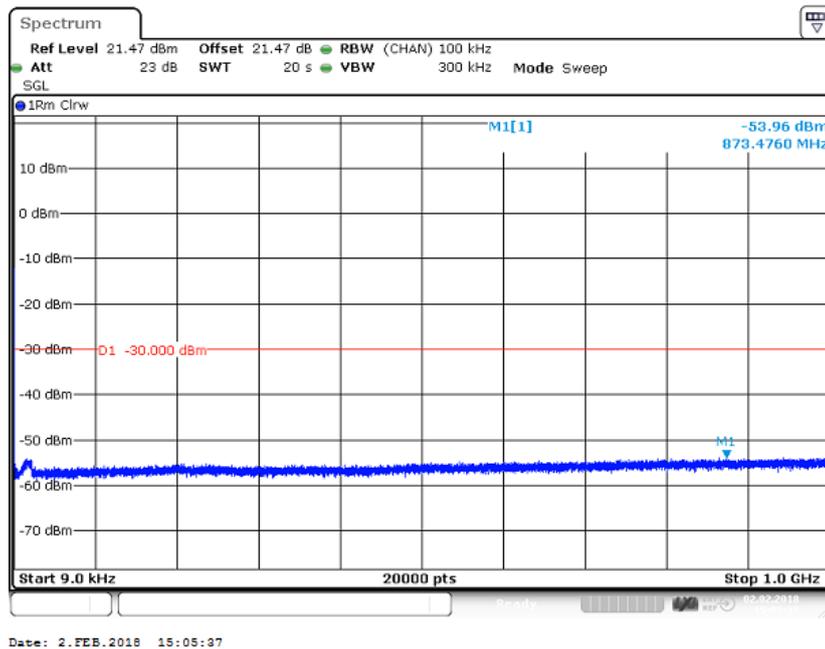
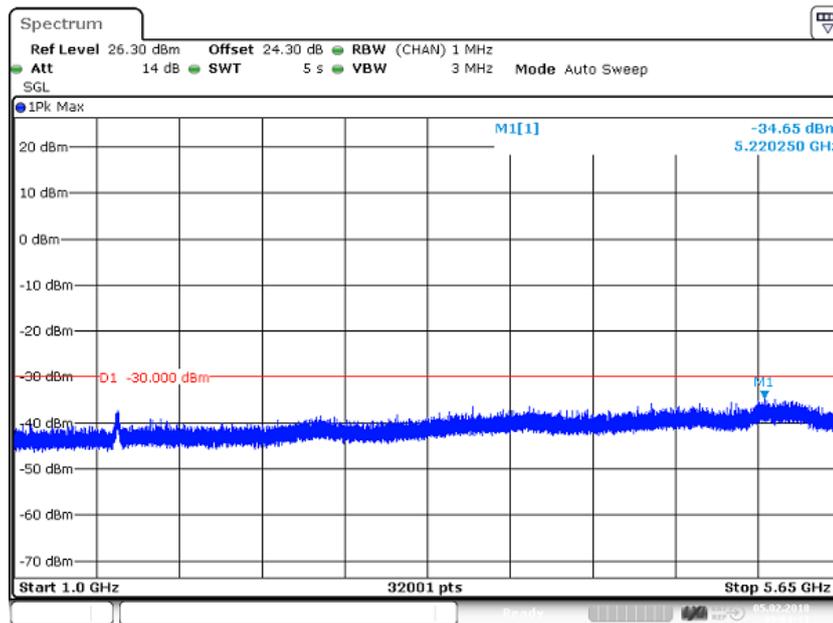
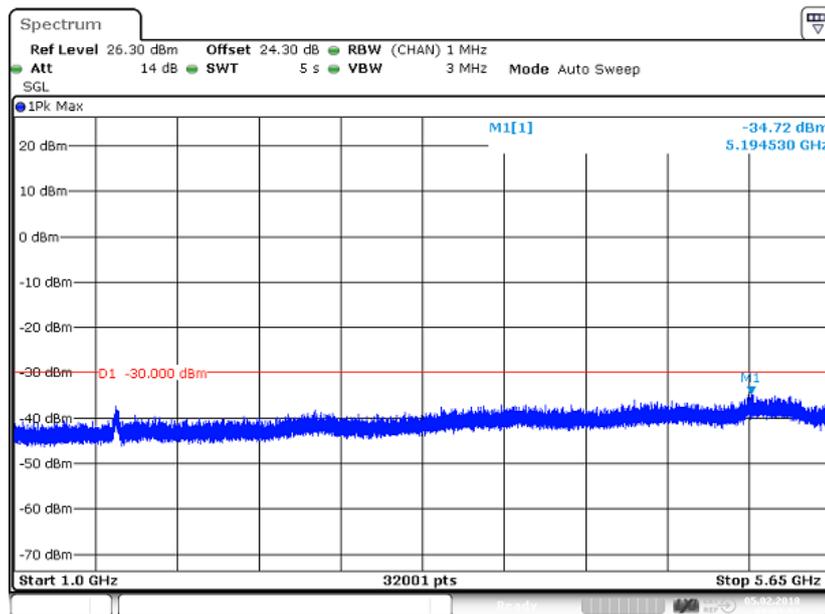


Figure 363 Spurious Emissions (9kHz – 1GHz) – 256QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)



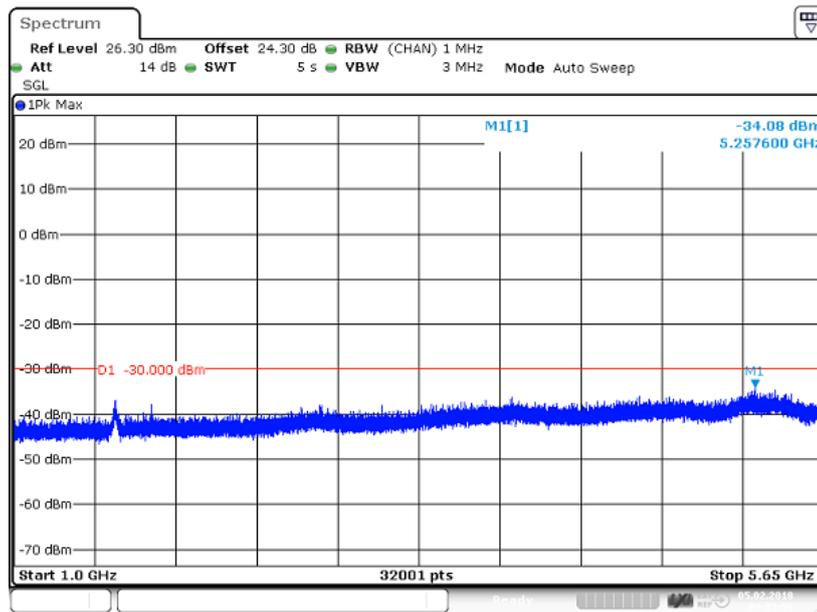
Date: 5.FEB.2018 09:01:11

Figure 364 Spurious Emissions (1 GHz – 5.65 GHz) – QPSK (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)



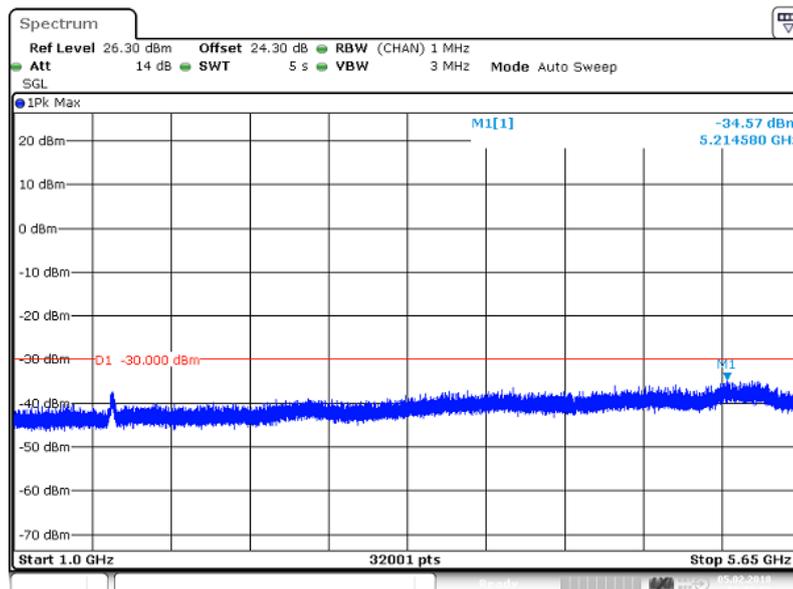
Date: 5.FEB.2018 09:02:52

Figure 365 Spurious Emissions (1 GHz – 5.65 GHz) – 64QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)



Date: 5.FEB.2018 09:05:56

Figure 366 Spurious Emissions (1 GHz – 5.65 GHz) – 16QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)



Date: 5.FEB.2018 09:07:59

Figure 367 Spurious Emissions (1 GHz – 5.65 GHz) – 256QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

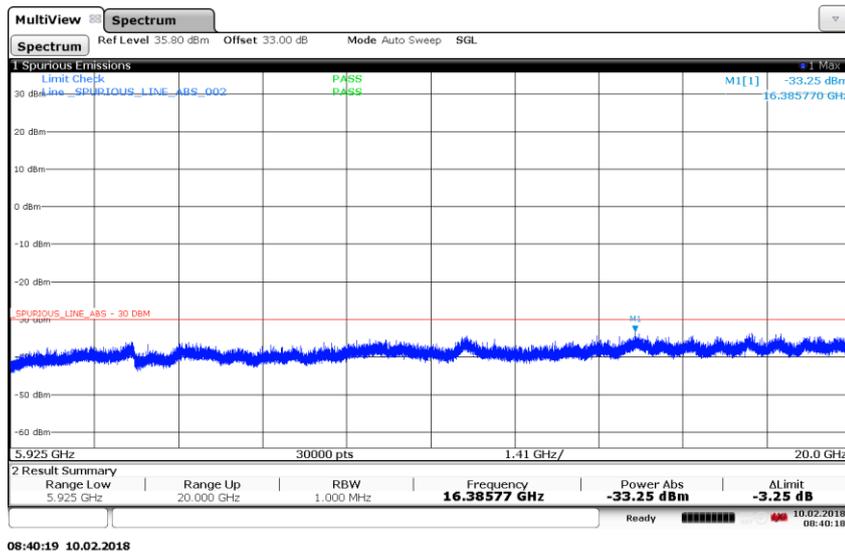


Figure 368 Spurious Emissions (5.925 GHz – 20 GHz) – QPSK (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

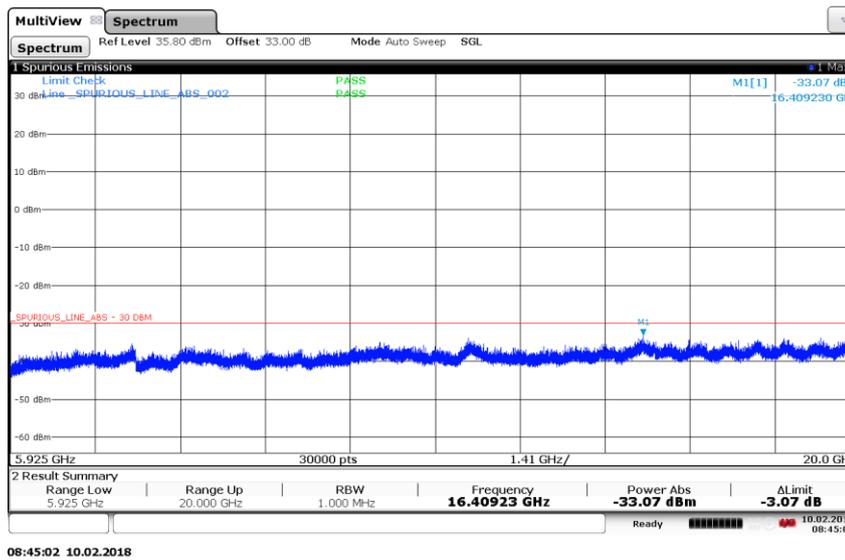


Figure 369 Spurious Emissions (5.925 GHz – 20 GHz) – 64QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

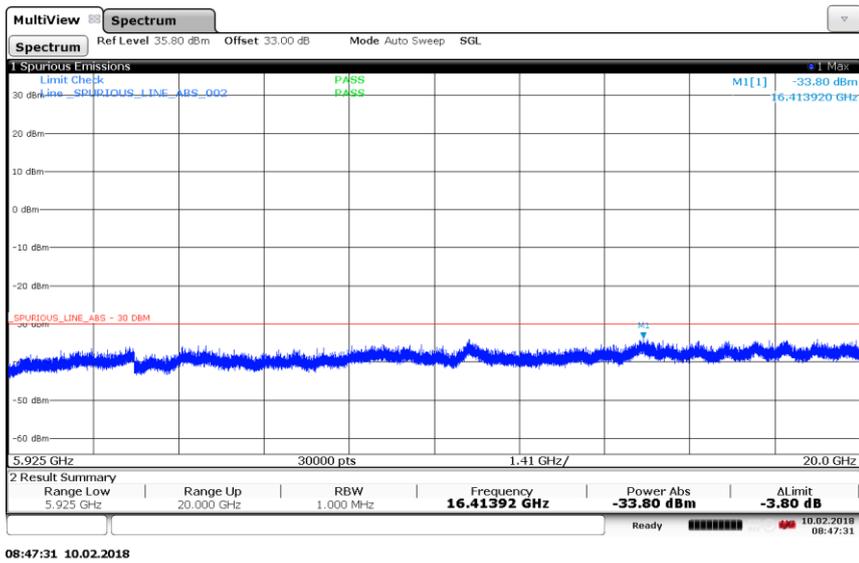


Figure 370 Spurious Emissions (5.925 GHz – 20 GHz) – 16QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

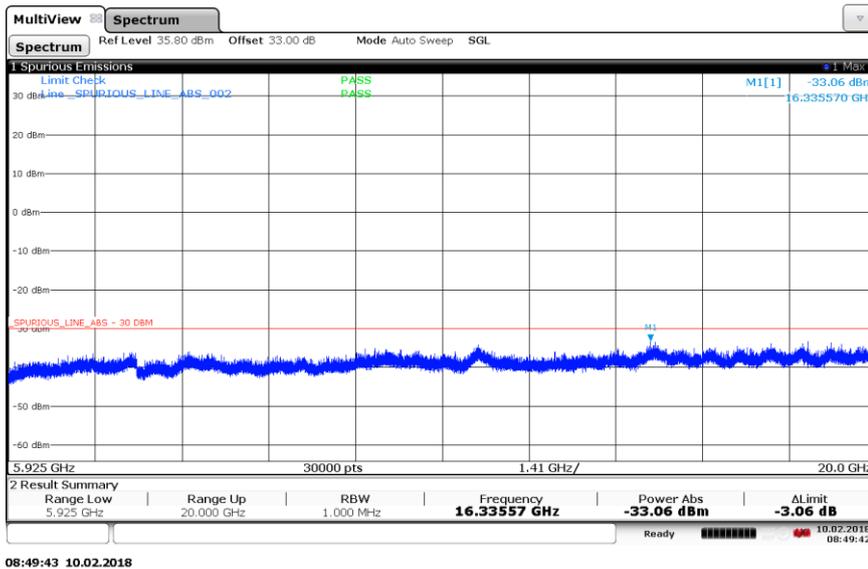


Figure 371 Spurious Emissions (5.925 GHz – 20 GHz) – 256QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

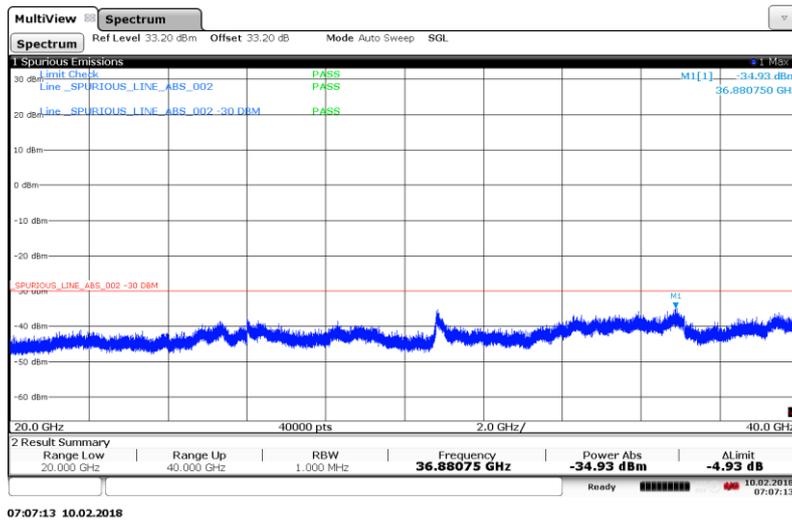


Figure 372 Spurious Emissions (20 GHz – 40 GHz) – QPSK (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

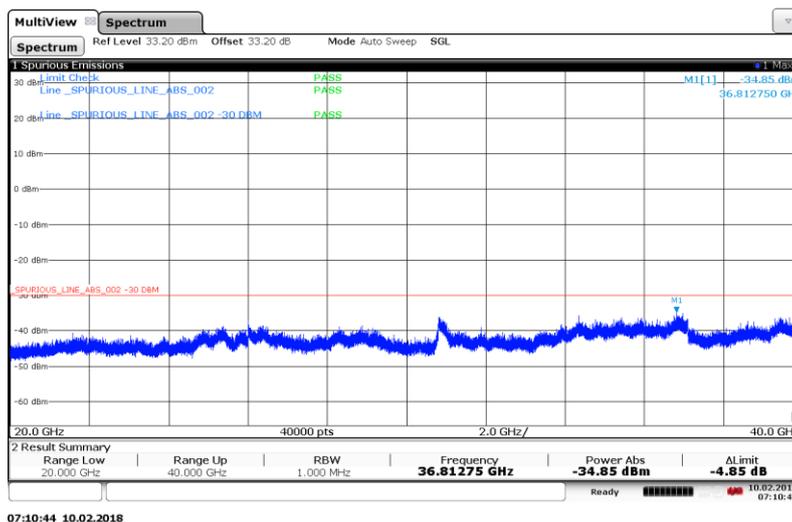


Figure 373 Spurious Emissions (20 GHz – 40 GHz) – 64QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

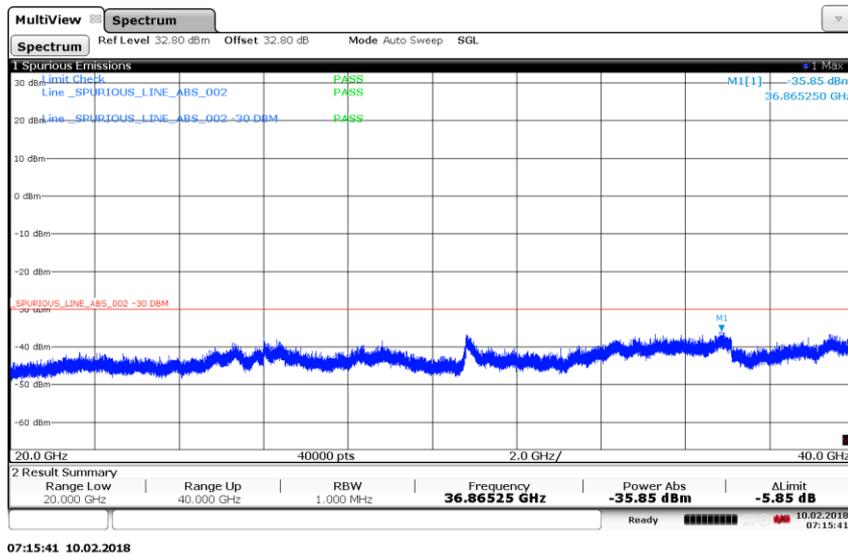


Figure 374 Spurious Emissions (20 GHz – 40 GHz) – 16QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

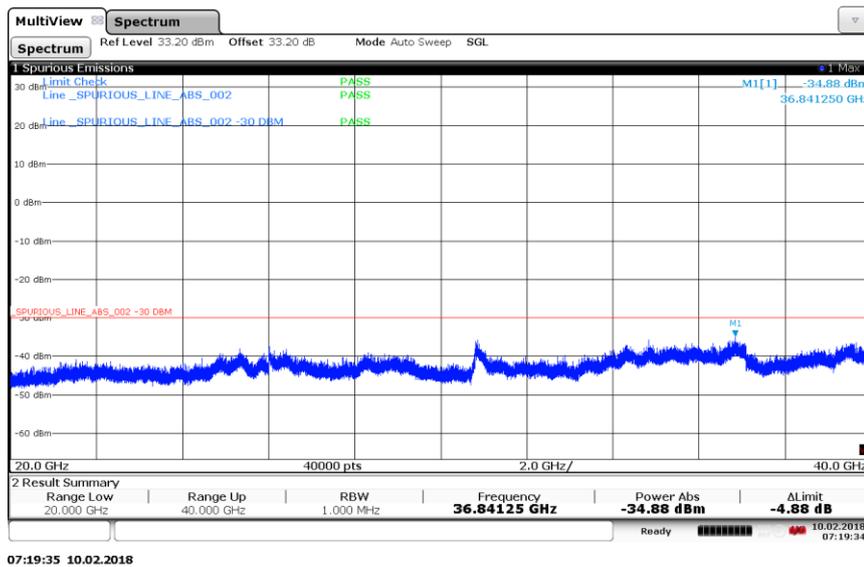


Figure 375 Spurious Emissions (20 GHz – 40 GHz) – 256QAM (5765.0/ 5787.0/ 5805.0 MHz) (3 X 20MHz Channel BW)

5.2.5. Test No. 5: Field Strength of Spurious Radiation

Config A, B, C:

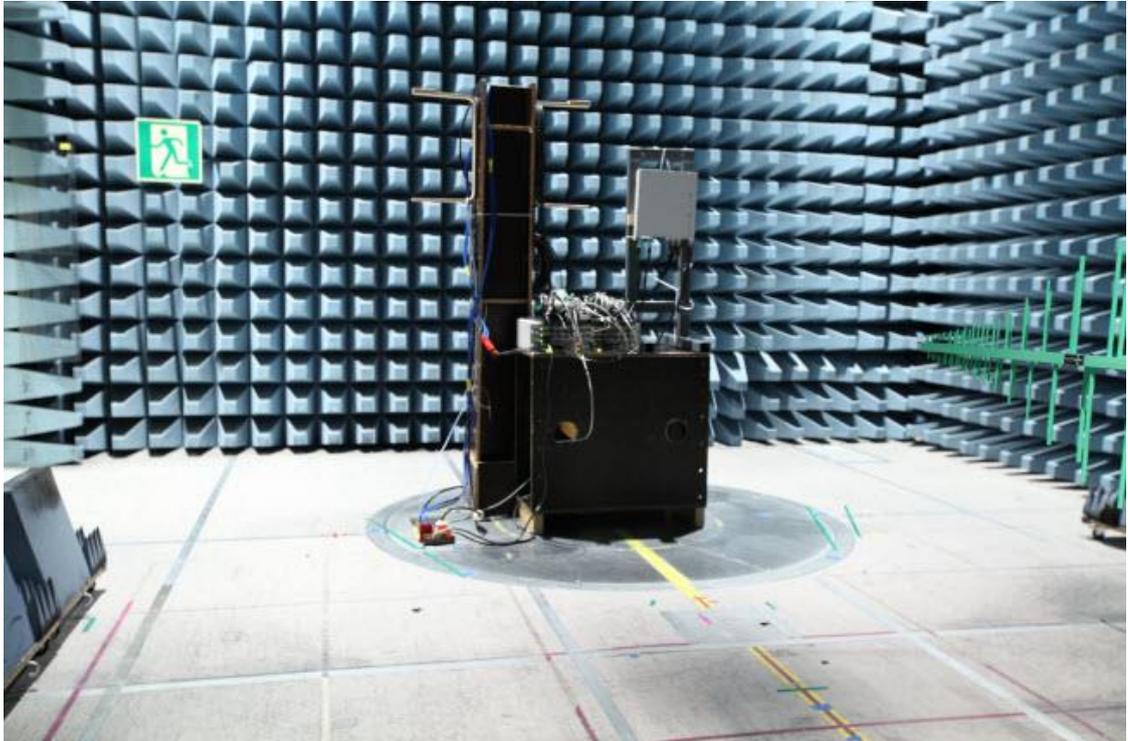
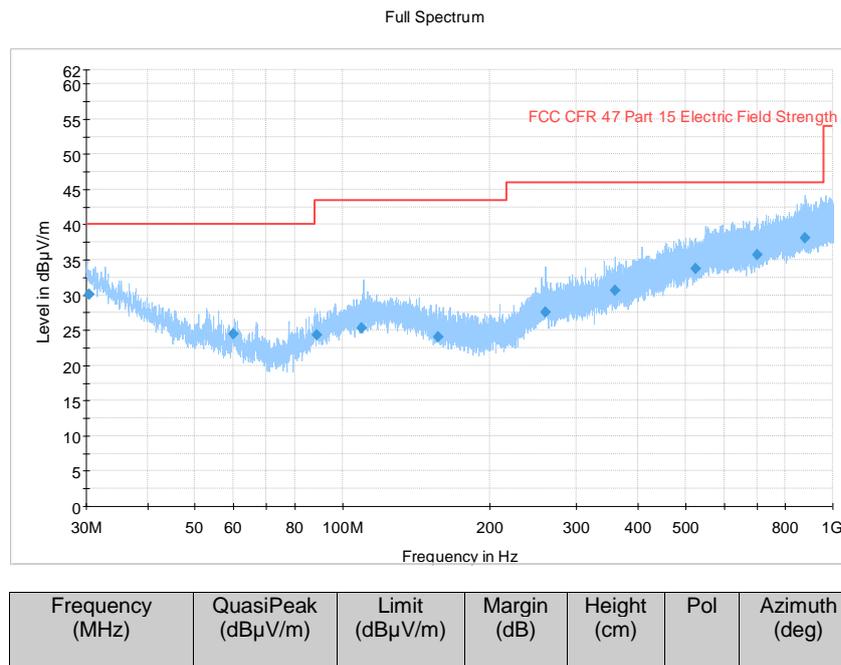


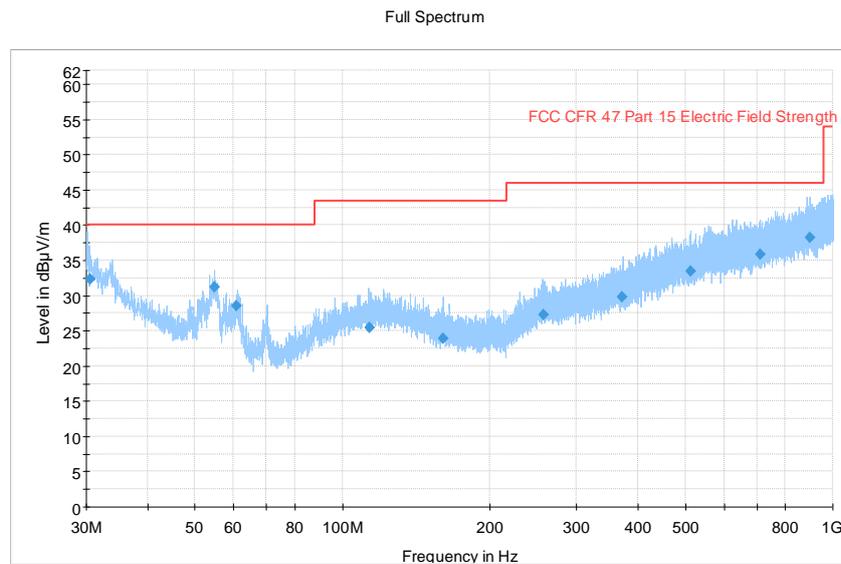
Figure 376 Photograph of the anechoic chamber with the EUT

Config A (UNII-1):



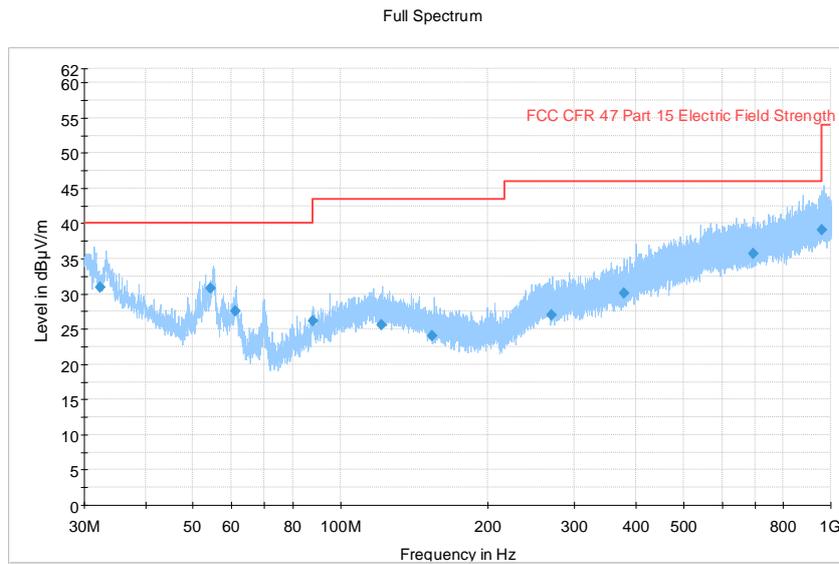
| | | | | | | |
|------------|-------|-------|-------|-------|---|-------|
| 30.390000 | 30.07 | 40.00 | 9.93 | 333.0 | H | 238.0 |
| 59.897000 | 24.50 | 40.00 | 15.50 | 190.0 | V | 31.0 |
| 88.529667 | 24.29 | 43.50 | 19.21 | 256.0 | H | 205.0 |
| 109.363000 | 25.28 | 43.50 | 18.22 | 145.0 | V | 116.0 |
| 156.496333 | 23.98 | 43.50 | 19.52 | 204.0 | V | 71.0 |
| 259.095667 | 27.62 | 46.00 | 18.38 | 106.0 | V | 305.0 |
| 359.077000 | 30.62 | 46.00 | 15.38 | 171.0 | V | 29.0 |
| 524.871333 | 33.68 | 46.00 | 12.32 | 121.0 | H | 152.0 |
| 700.060667 | 35.76 | 46.00 | 10.24 | 175.0 | V | 167.0 |
| 878.599000 | 38.10 | 46.00 | 7.90 | 124.0 | H | 152.0 |

Figure 377 Radiated Emission 30MHz – 1GHz (5180MHz) (20MHz Channel BW)



| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|
| 30.510000 | 32.29 | 40.00 | 7.71 | 227.0 | V | 289.0 |
| 54.672667 | 31.20 | 40.00 | 8.80 | 102.0 | V | 77.0 |
| 60.857667 | 28.50 | 40.00 | 11.50 | 116.0 | V | 34.0 |
| 113.648000 | 25.51 | 43.50 | 17.99 | 181.0 | V | 309.0 |
| 160.386667 | 23.84 | 43.50 | 19.66 | 133.0 | V | 15.0 |
| 256.688667 | 27.28 | 46.00 | 18.72 | 288.0 | V | 95.0 |
| 372.457000 | 29.76 | 46.00 | 16.24 | 186.0 | H | 58.0 |
| 512.261667 | 33.45 | 46.00 | 12.55 | 113.0 | V | 137.0 |
| 710.662333 | 35.90 | 46.00 | 10.10 | 167.0 | H | 222.0 |
| 897.429333 | 38.29 | 46.00 | 7.71 | 178.0 | H | 133.0 |

Figure 378 Radiated Emission 30MHz – 1GHz (5220MHz) (20MHz Channel BW)



| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) |
|-----------------|--------------------|----------------|-------------|-------------|-----|---------------|
| 32.265000 | 30.94 | 40.00 | 9.06 | 121.0 | V | 193.0 |
| 54.359000 | 30.75 | 40.00 | 9.25 | 102.0 | V | 54.0 |
| 61.111667 | 27.49 | 40.00 | 12.51 | 178.0 | V | 67.0 |
| 87.657333 | 26.15 | 40.00 | 13.85 | 186.0 | V | 167.0 |
| 120.933333 | 25.65 | 43.50 | 17.85 | 226.0 | H | 232.0 |
| 154.105333 | 23.98 | 43.50 | 19.52 | 264.0 | V | 51.0 |
| 269.429000 | 26.99 | 46.00 | 19.01 | 338.0 | H | 276.0 |
| 378.595000 | 30.11 | 46.00 | 15.89 | 102.0 | H | 45.0 |
| 694.419667 | 35.72 | 46.00 | 10.28 | 145.0 | V | 20.0 |
| 958.567333 | 39.05 | 46.00 | 6.95 | 111.0 | H | 282.0 |

Figure 379 Radiated Emission 30MHz – 1GHz (5240MHz) (20MHz Channel BW)

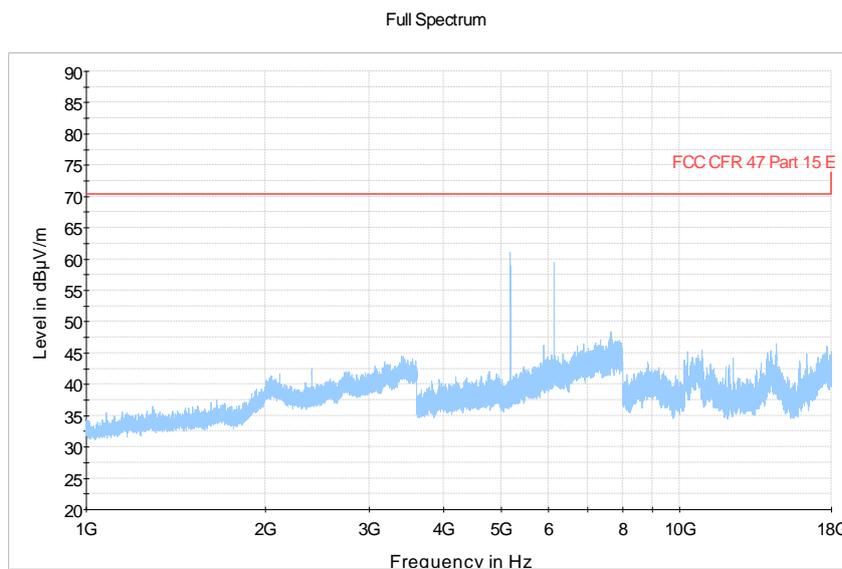


Figure 380 Radiated Emission 1GHz – 18GHz (5180MHz) (20MHz Channel BW)

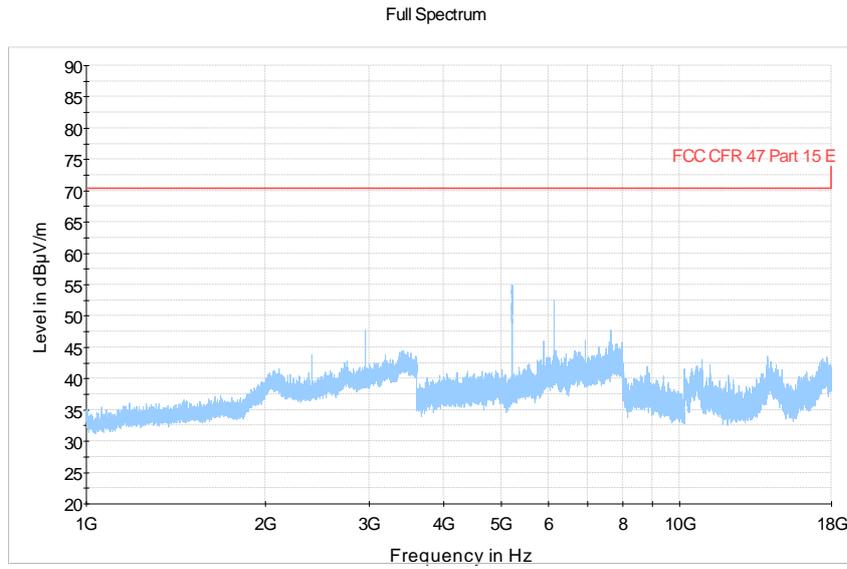


Figure 381 Radiated Emission 1GHz – 18GHz (5220MHz) (20MHz Channel BW)

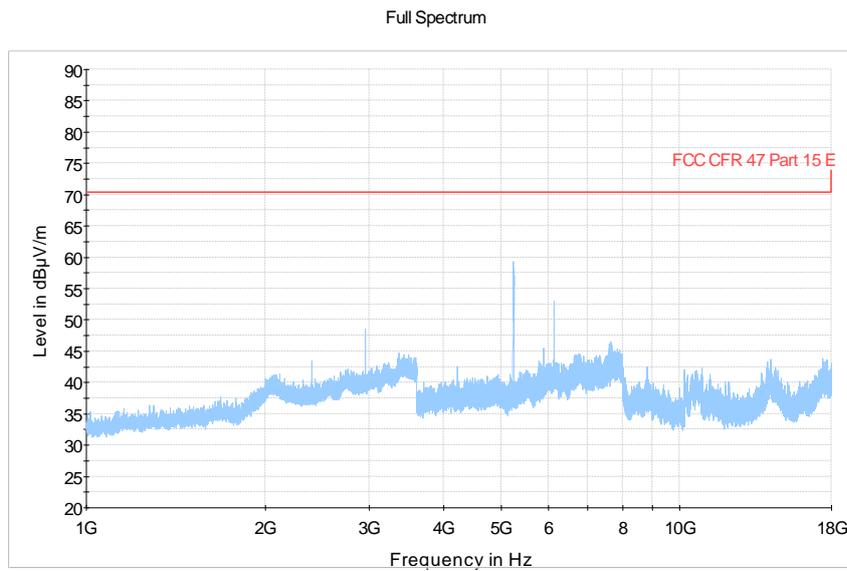


Figure 382 Radiated Emission 1GHz – 18GHz (5240MHz) (20MHz Channel BW)

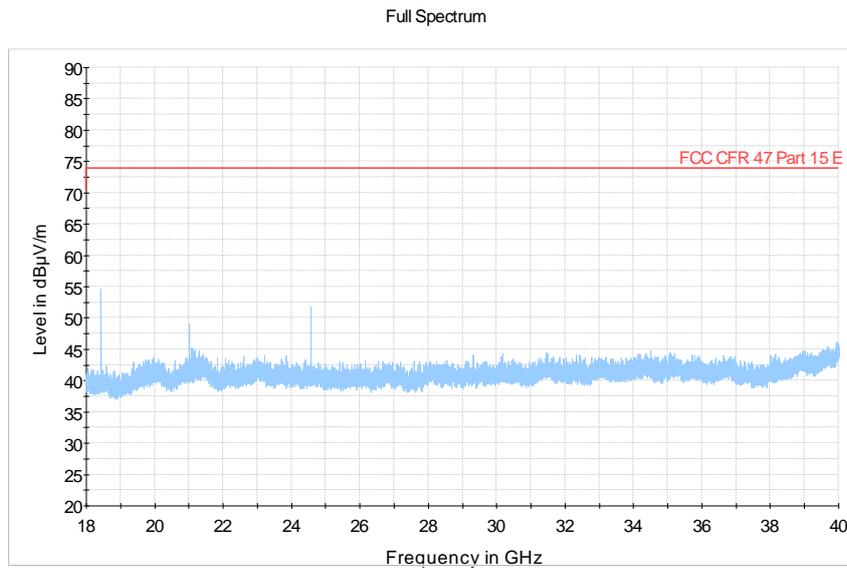


Figure 383 Radiated Emission 18GHz – 40GHz (5180MHz) (20MHz Channel BW)

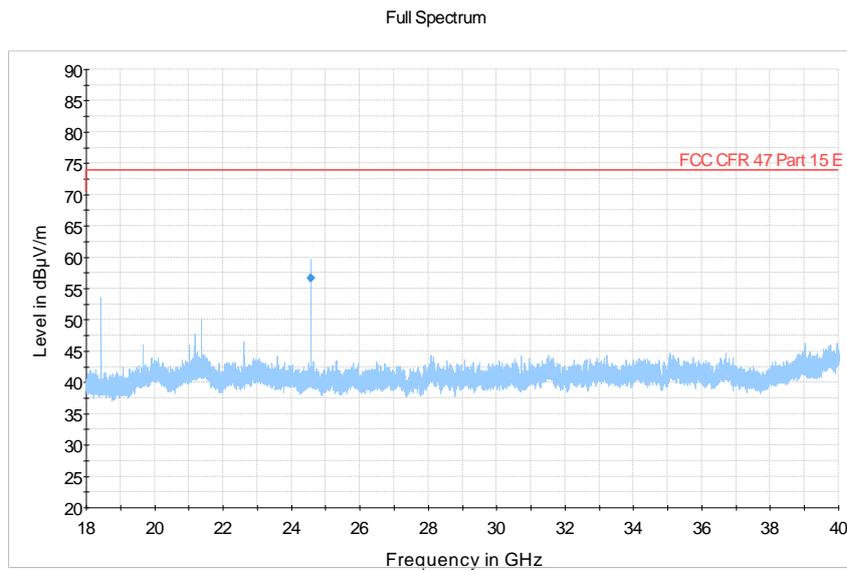


Figure 384 Radiated Emission 18GHz – 40GHz (5220MHz) (20MHz Channel BW)

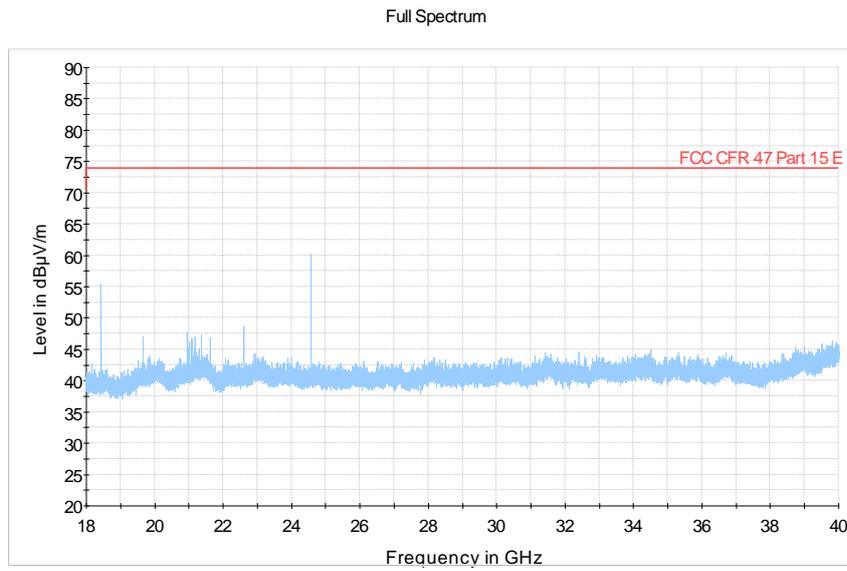


Figure 385 Radiated Emission 18GHz – 40GHz (5240MHz) (20MHz Channel BW)

Config B (UNII-1):

