



**OUTPUT**

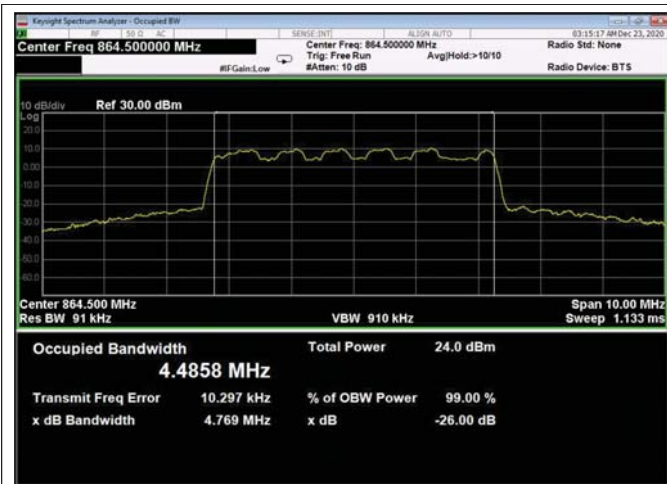


Figure 344: 16QAM 5MHz B.W.; 864.5MHz, 15kHz - Output

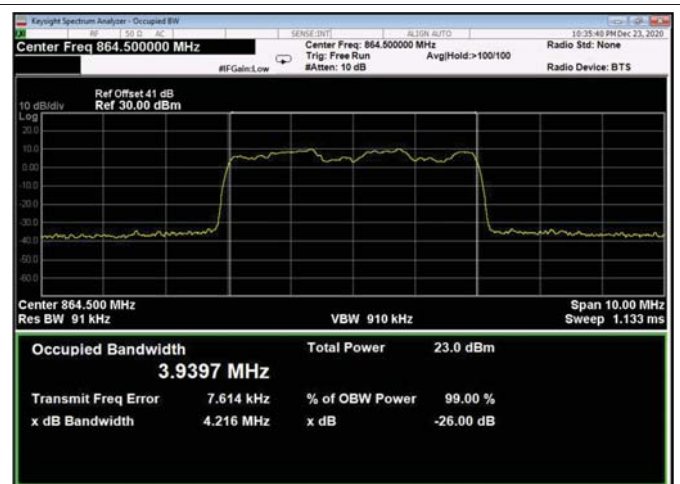


Figure 345: 16QAM 5MHz B.W.; 864.5MHz, 30kHz- Output

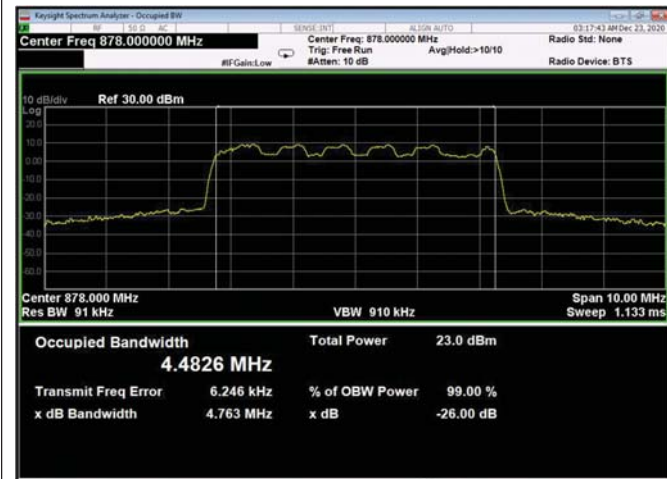


Figure 346: 16QAM 5MHz B.W.; 878.0MHz, 15kHz- Output

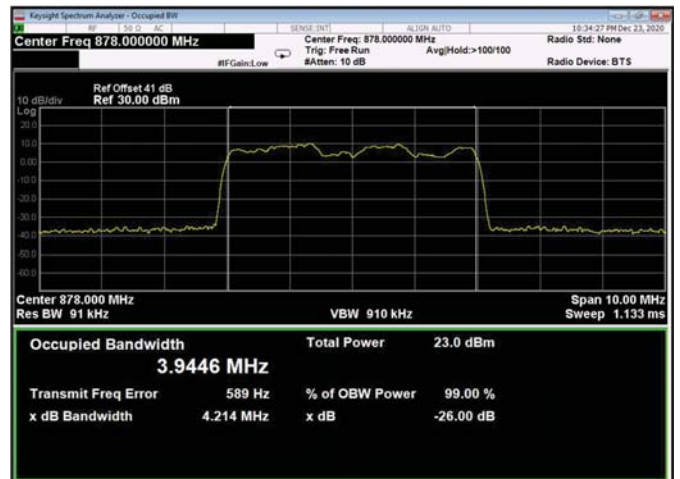


Figure 347: 16QAM 5MHz B.W.; 878.0MHz, 30kHz- Output

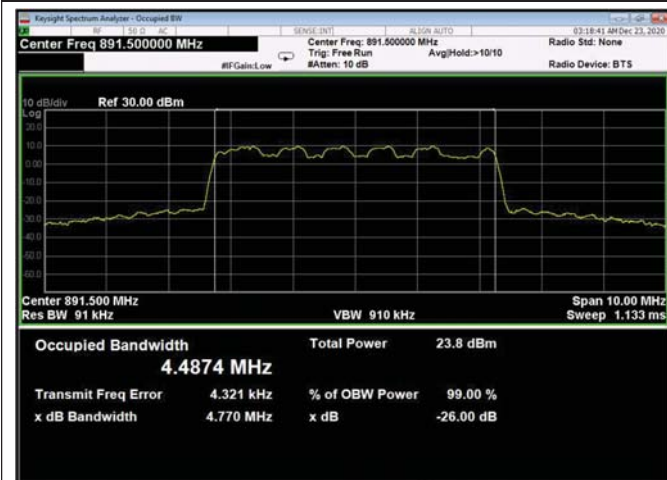


Figure 348: 16QAM 5MHz B.W.; 891.5MHz, 15kHz - Output

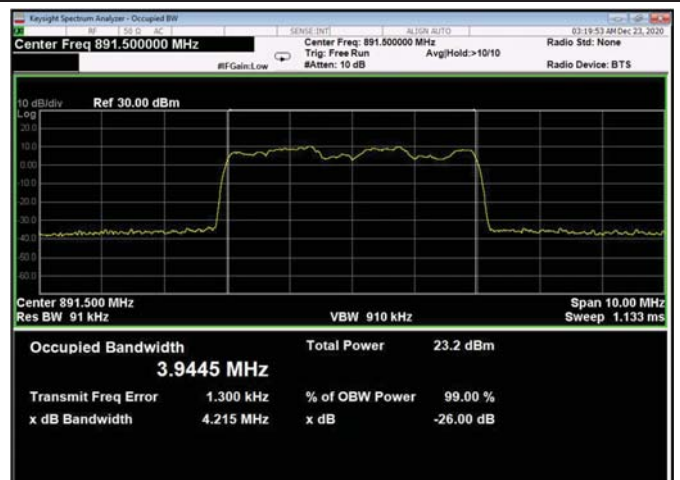


Figure 349: 16QAM 5MHz C.S; 891.5MHz, 30kHz- Output

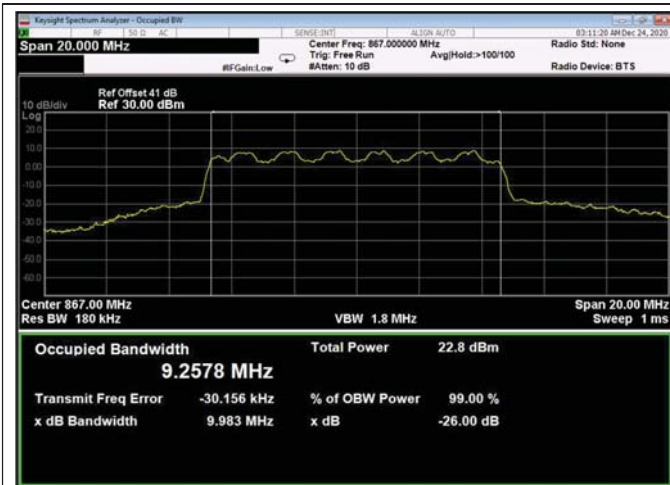


Figure 350: 16QAM 10MHz B.W.; 867.0MHz, 15kHz- Output

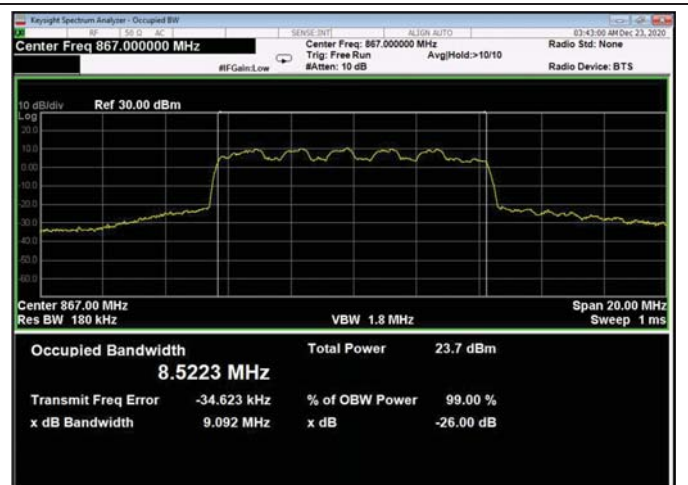


Figure 351: 16QAM 10MHz B.W.; 867.0MHz, 30kHz- Output

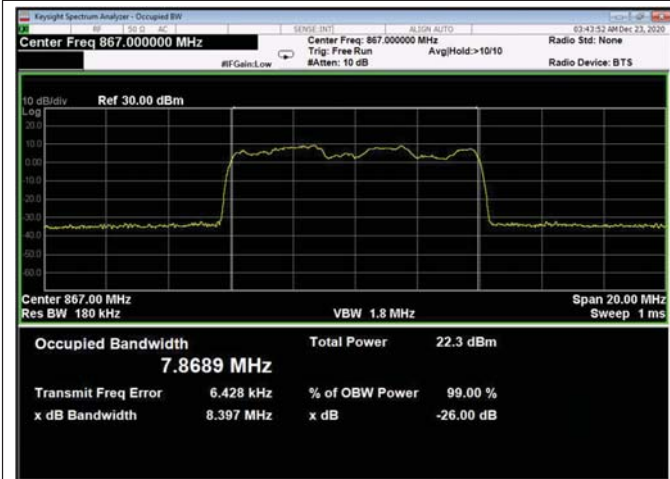


Figure 352: 16QAM 10MHz B.W.; 867.0MHz, 60kHz- Output

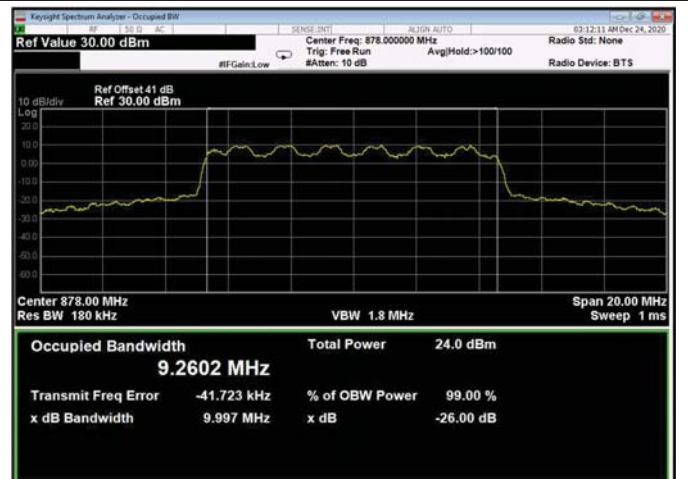


Figure 353: 16QAM 10MHz B.W.; 878.0MHz, 15kHz- Output

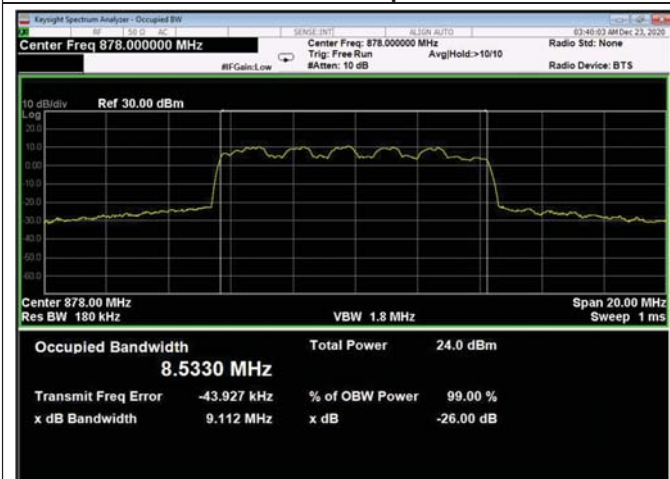


Figure 354: 16QAM 10MHz B.W.; 878.0MHz, 30kHz- Output

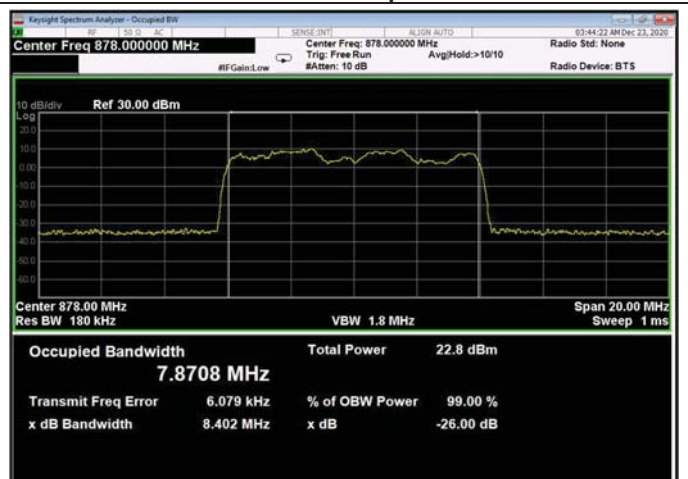


Figure 355: 16QAM 10MHz B.W.; 878.0MHz, 60kHz - Output

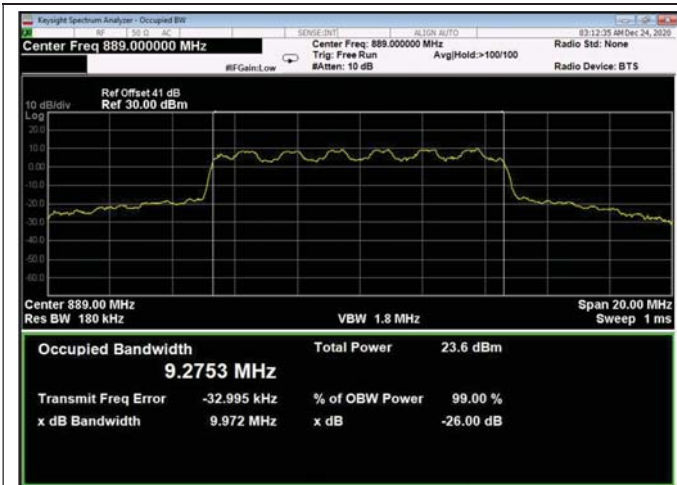


Figure 356: 16QAM 10MHz B.W.; 889.0MHz, 15kHz - Output

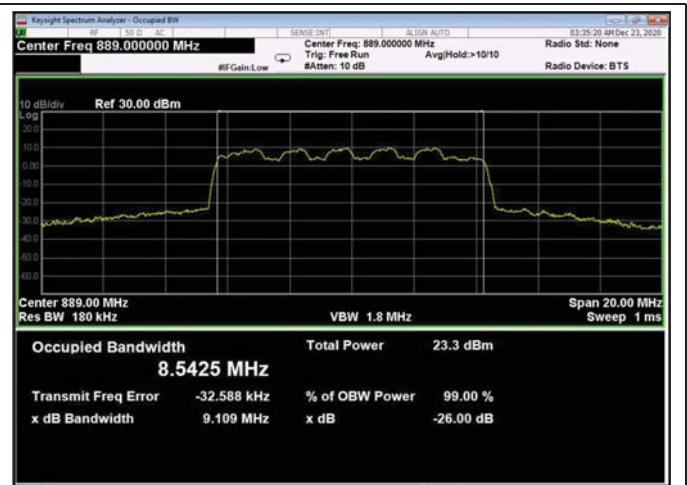


Figure 357: 16QAM 10MHz B.W.; 889.0MHz, 30kHz - Output

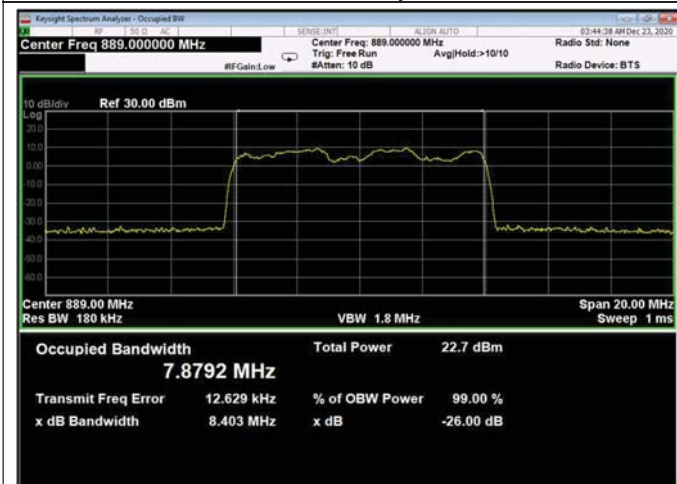


Figure 358: 16QAM 10MHz B.W.; 889.0MHz, 60kHz - Output



Figure 359: 16QAM 15MHz B.W.; 869.0MHz, 15kHz - Output



Figure 360: 16QAM 15MHz B.W.; 869.0MHz, 30kHz - Output



Figure 361: 16QAM 15MHz B.W.; 869.0MHz, 60kHz - Output

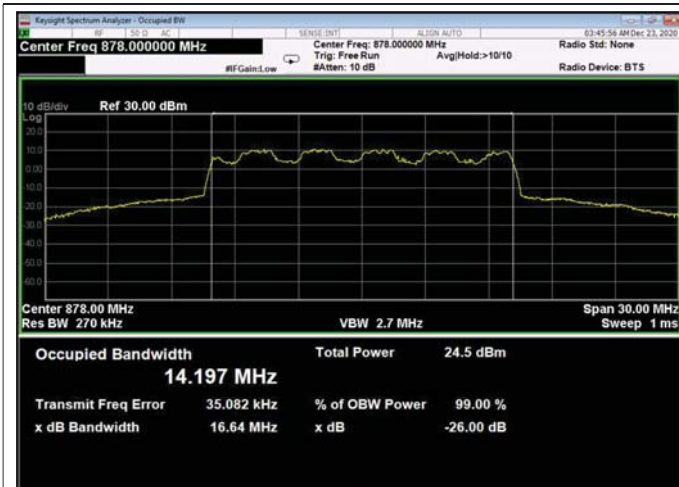


Figure 362: 16QAM 15MHz B.W.; 878.0MHz, 15kHz- Output

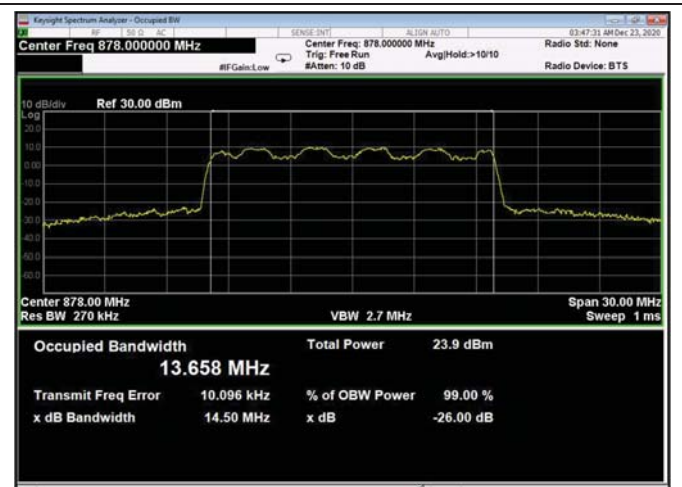


Figure 363: 16QAM 15MHz B.W.; 878.0MHz, 30kHz- Output



Figure 364: 16QAM 15MHz B.W.; 878.0MHz, 60kHz - Output

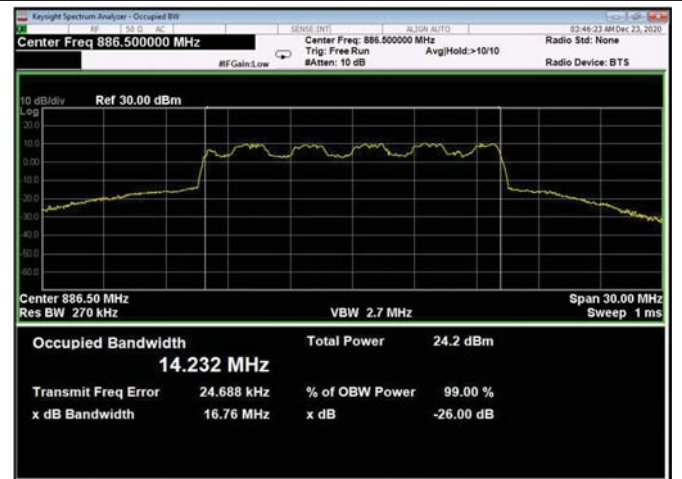


Figure 365: 16QAM 15MHz B.W.; 886.5MHz, 15kHz - Output



Figure 366: 16QAM 15MHz B.W.; 886.5MHz, 30kHz - Output

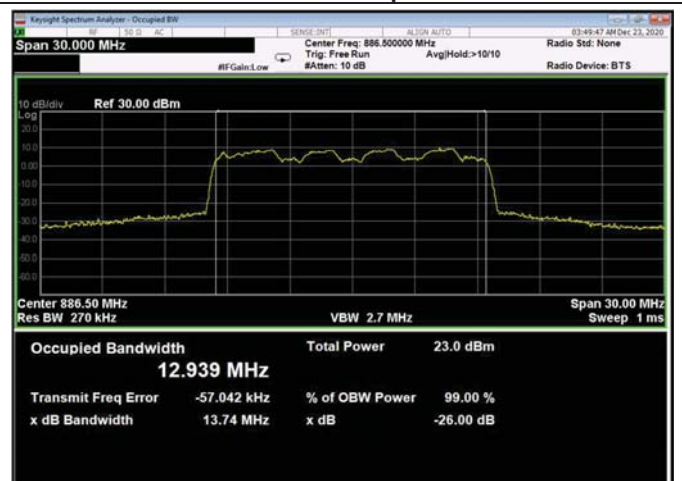


Figure 367: 16QAM 15MHz B.W.; 886.5MHz, 60kHz - Output

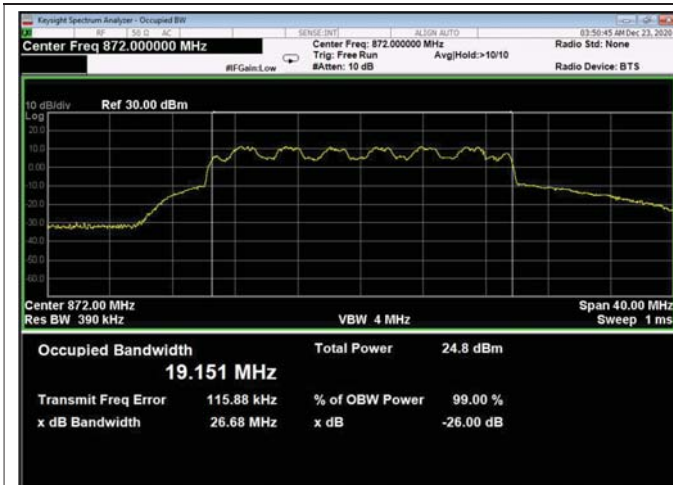


Figure 368: 16QAM 20MHz B.W.; 872.0MHz, 15kHz - Output

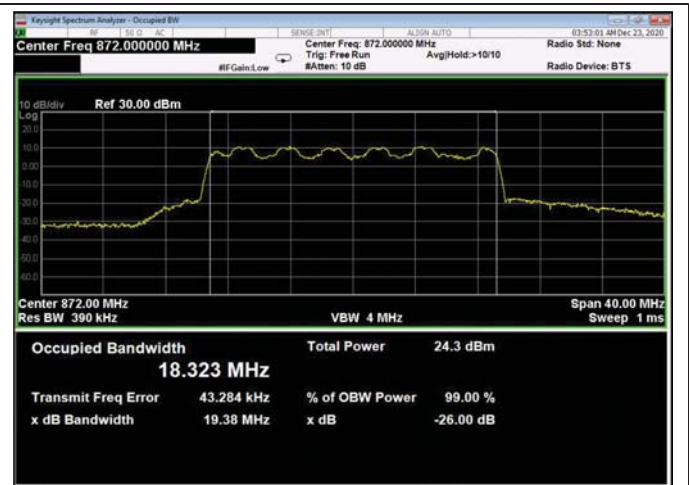


Figure 369: 16QAM 20MHz B.W.; 872.0MHz, 30kHz - Output

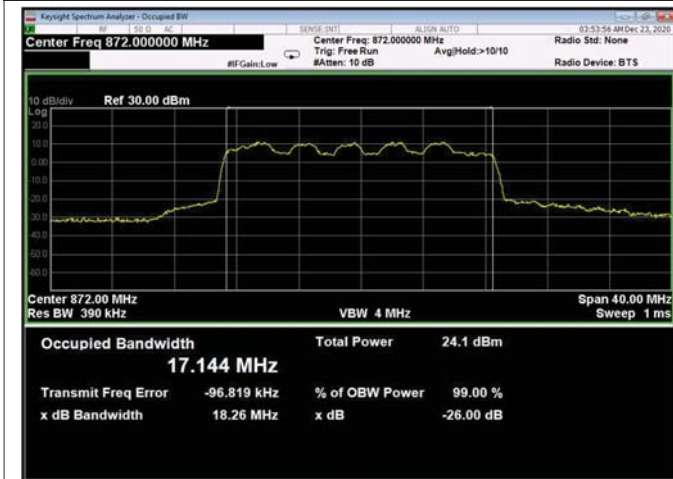


Figure 370: 16QAM 20MHz B.W.; 872.0MHz, 60kHz - Output

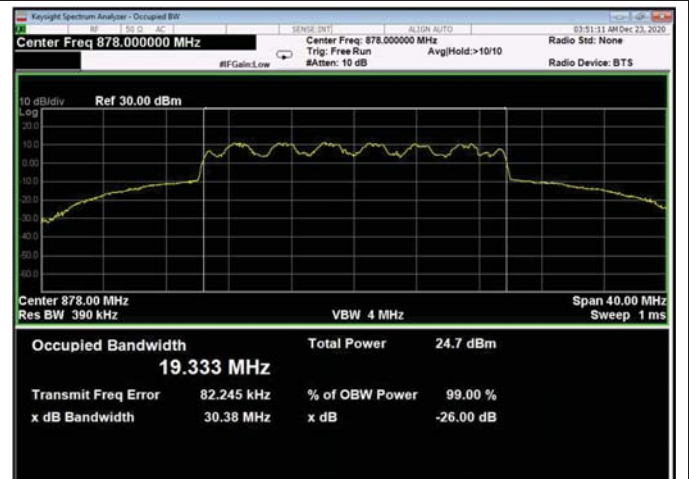


Figure 371: 16QAM 20MHz B.W.; 878.0MHz, 15kHz - Output

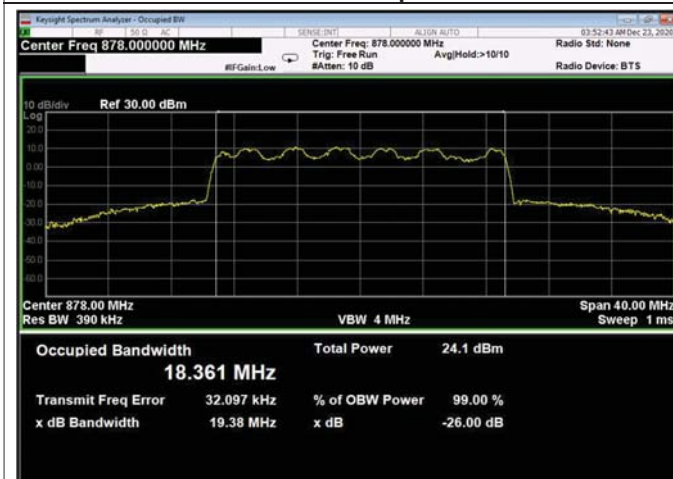


Figure 372: 16QAM 20MHz B.W.; 878.0MHz, 30kHz - Output

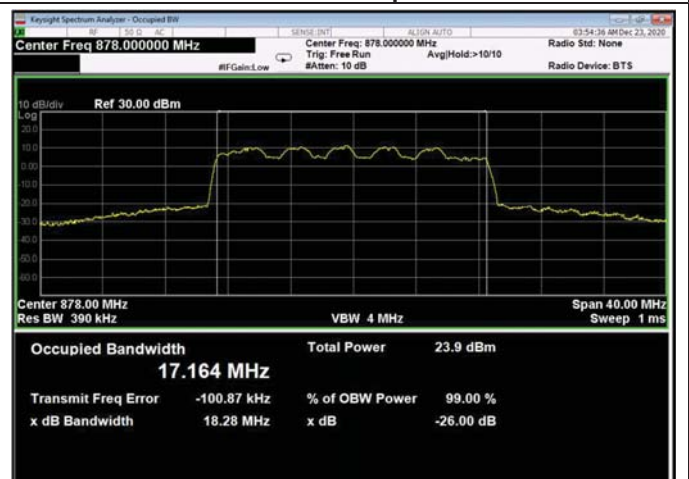


Figure 373: 16QAM 20MHz B.W.; 878.0MHz, 60kHz - Output

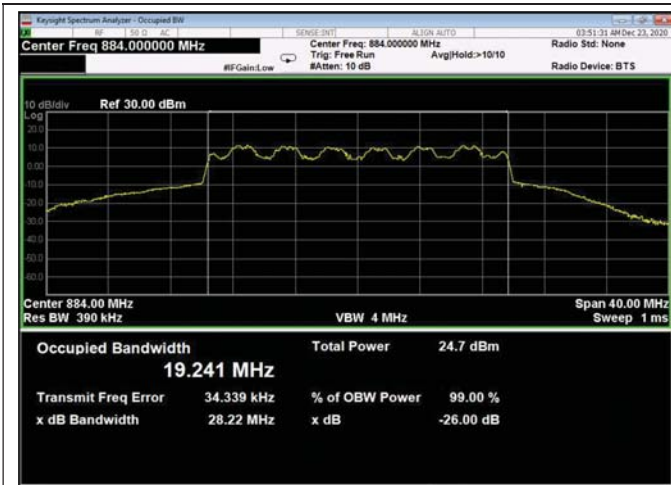


Figure 374: 16QAM 20MHz B.W.; 884.0MHz, 15kHz - Output

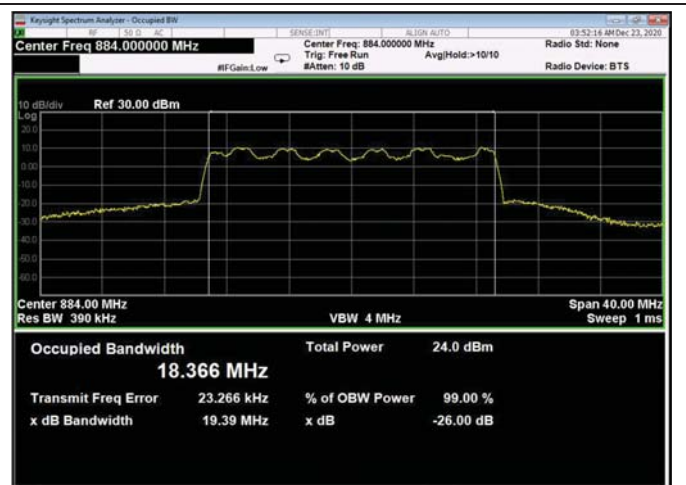


Figure 375: 16QAM 20MHz B.W.; 884.0MHz, 30kHz - Output

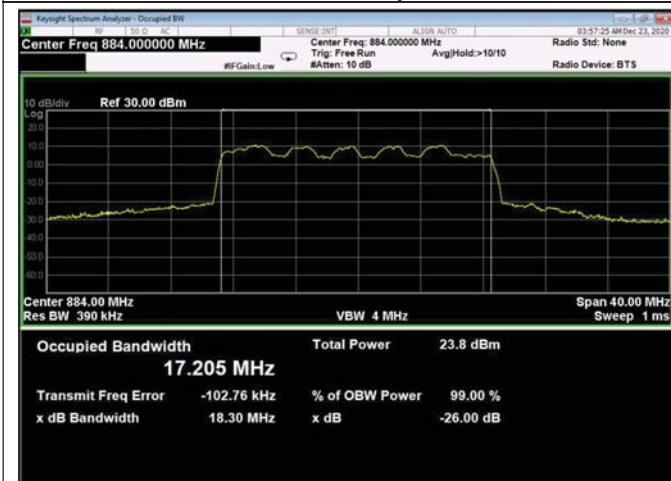


Figure 376: 16QAM 20MHz B.W.; 884.0MHz, 60kHz - Output

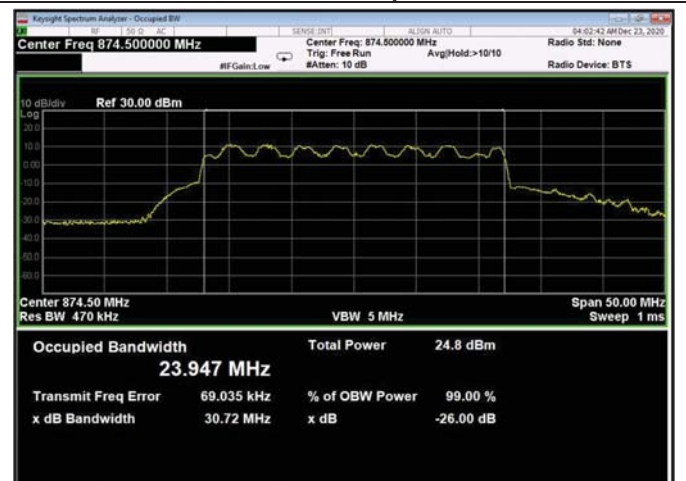


Figure 377: 16QAM 25MHz B.W.; 874.5MHz, 15kHz - Output

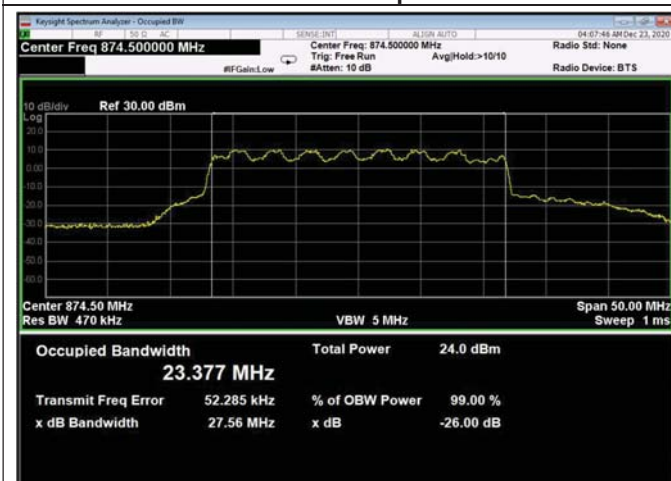


Figure 378: 16QAM 25MHz B.W.; 874.5MHz, 30kHz - Output

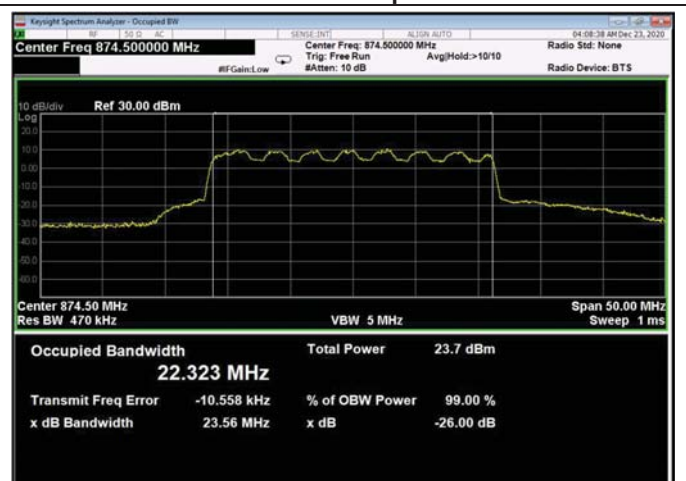


Figure 379: 16QAM 25MHz B.W.; 874.5MHz, 60kHz - Output

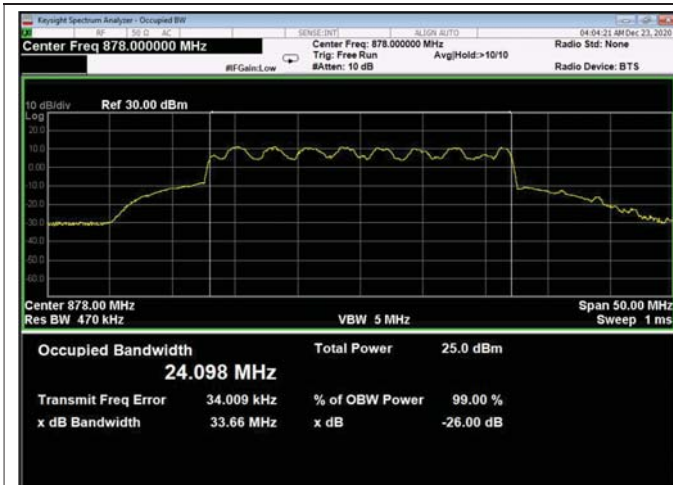


Figure 380: 16QAM 25MHz B.W.; 878.0MHz, 15kHz - Output



Figure 381: 16QAM 25MHz B.W.; 878.0MHz, 30kHz - Output

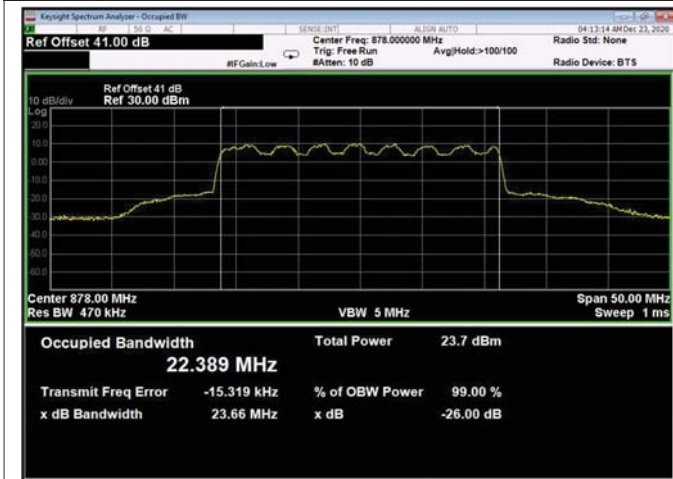


Figure 382: 16QAM 25MHz B.W.; 878.0MHz, 60kHz - Output

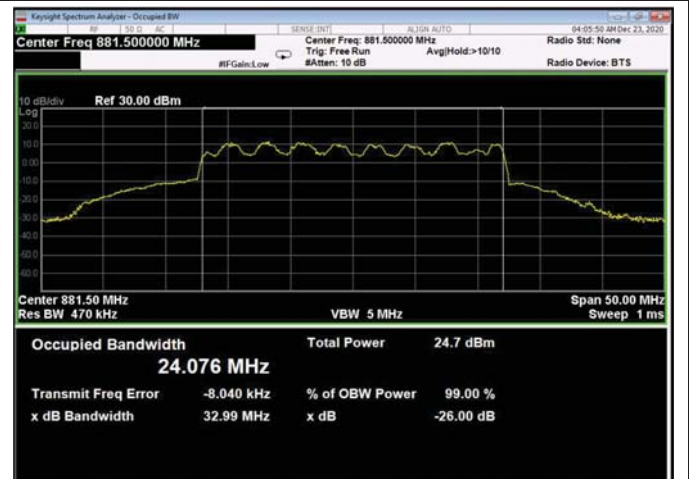


Figure 383: 16QAM 25MHz B.W.; 881.5MHz, 15kHz - Output

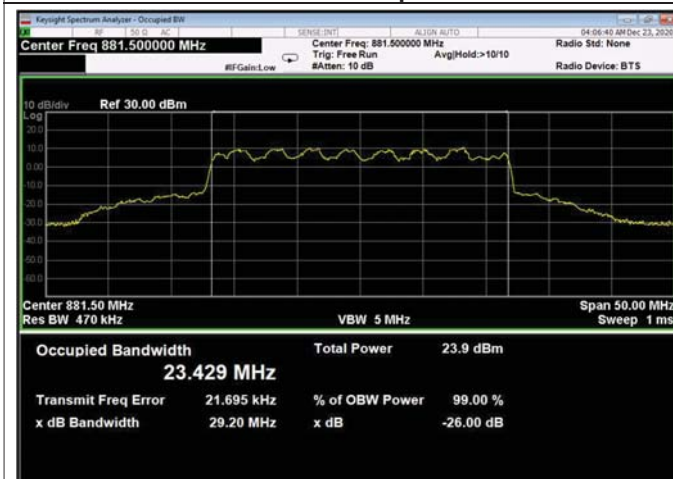


Figure 384: 16QAM 25MHz B.W.; 881.5MHz, 30kHz - Output

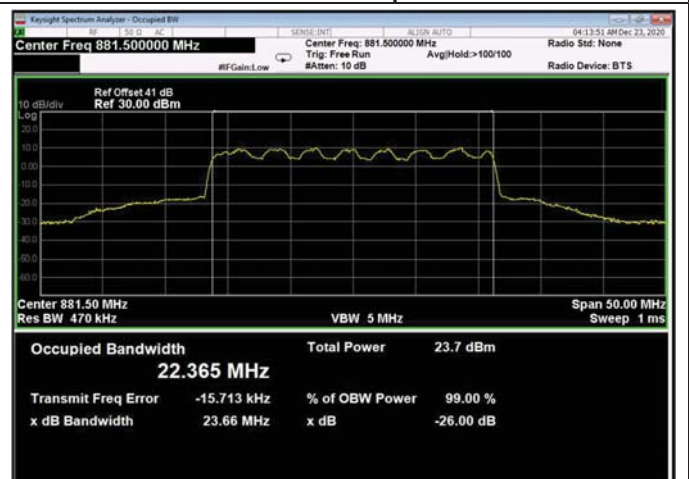


Figure 385: 16QAM 25MHz B.W.; 881.5MHz, 60kHz - Output

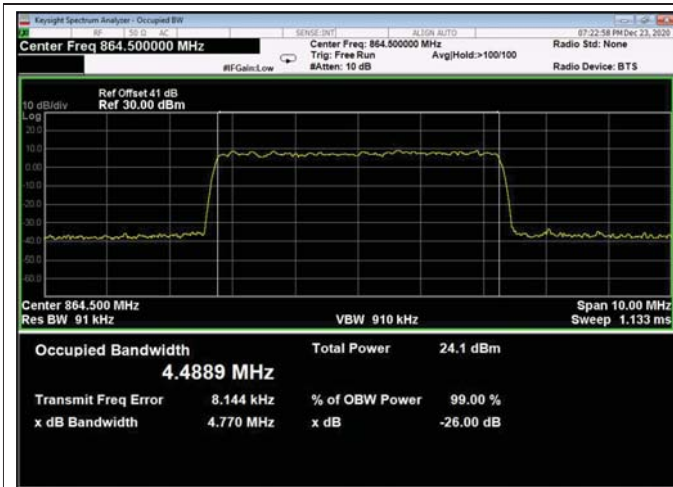


Figure 386: 64QAM 5MHz B.W.; 864.5MHz, 15kHz - Output



Figure 387: 64QAM 5MHz B.W.; 864.5MHz, 30kHz - Output

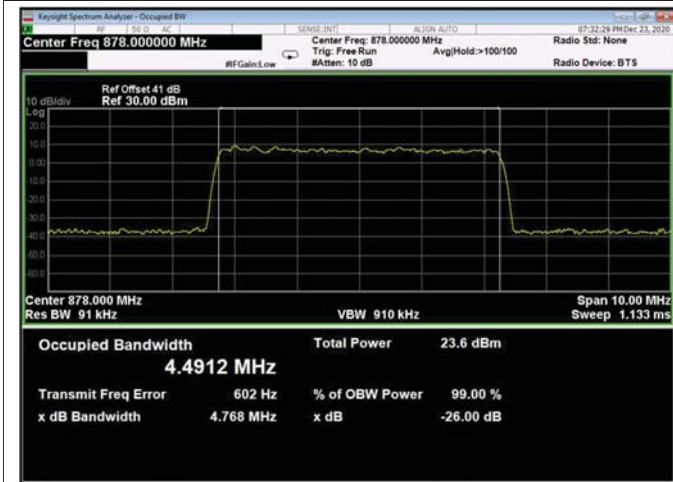


Figure 388: 64QAM 5MHz B.W.; 878.0MHz, 15kHz - Output

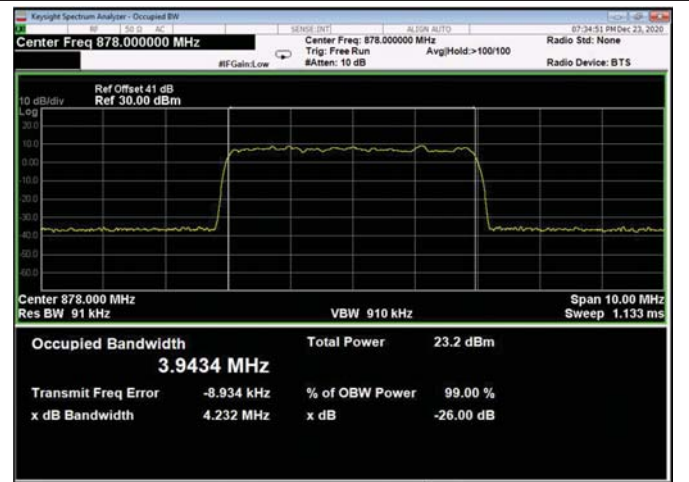


Figure 389: 64QAM 5MHz B.W.; 878.0MHz, 30kHz - Output



Figure 390: 64QAM 5MHz B.W.; 891.5MHz, 15kHz - Output

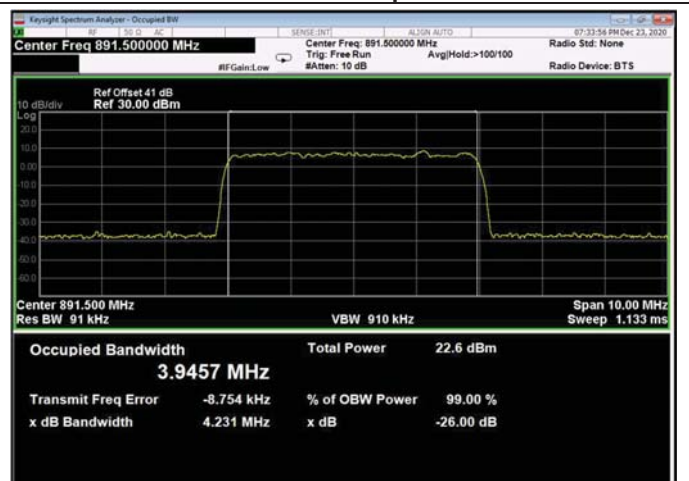


Figure 391: 64QAM 5MHz B.W.; 891.5MHz, 30kHz - Output



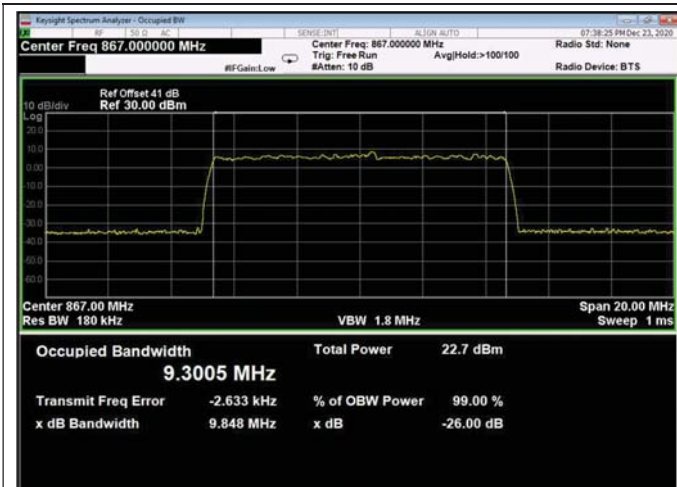


Figure 392: 64QAM 10MHz B.W.; 867.0MHz, 15kHz - Output



Figure 393: 64QAM 10MHz B.W.; 867.0MHz, 30kHz - Output

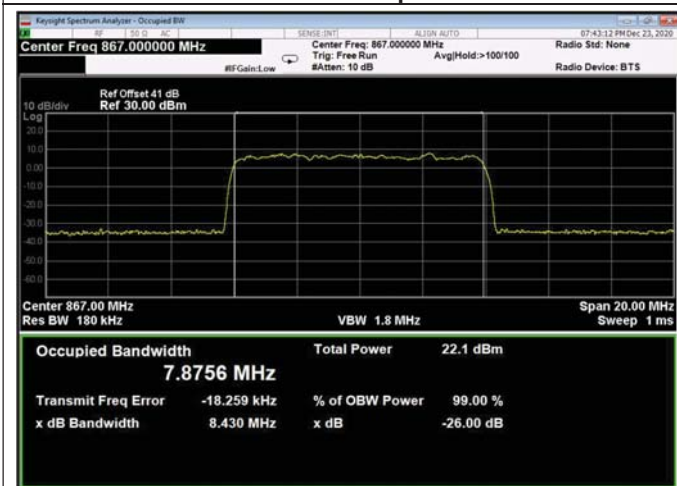


Figure 394: 64QAM 10MHz B.W.; 867.0MHz, 60kHz - Output

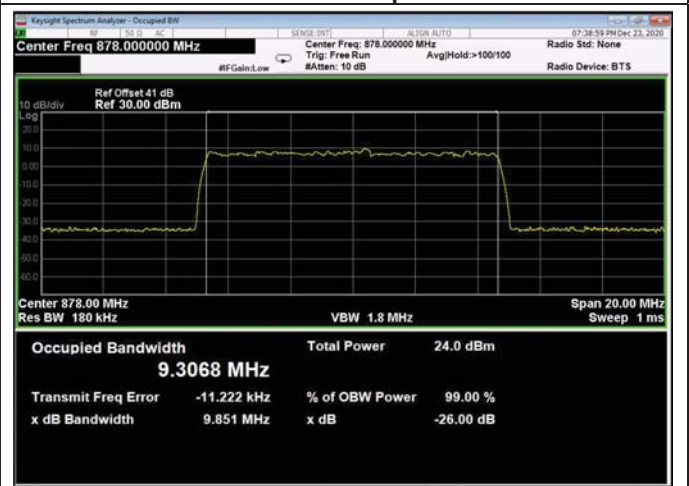


Figure 395: 64QAM 10MHz B.W.; 878.0MHz, 15kHz - Output

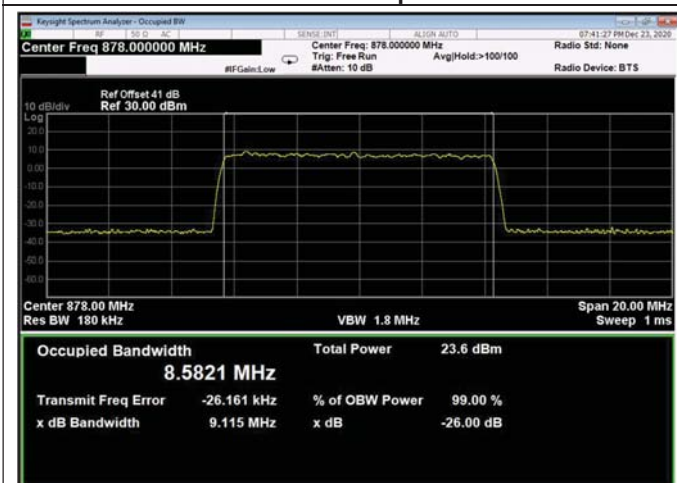


Figure 396: 64QAM 10MHz B.W.; 878.0MHz, 30kHz - Output

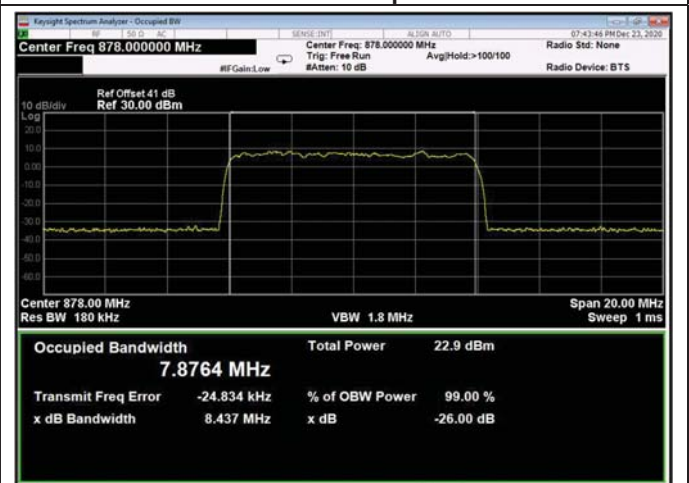


Figure 397: 64QAM 5MHz B.W.; 878.0MHz, 60kHz - Output

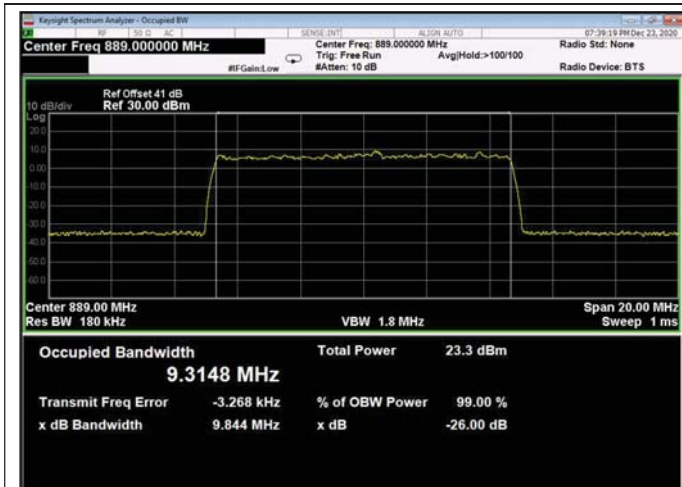


Figure 398: 64QAM 10MHz B.W.; 889.0MHz, 15kHz - Output



Figure 399: 64QAM 10MHz B.W.; 889.0MHz, 30kHz - Output

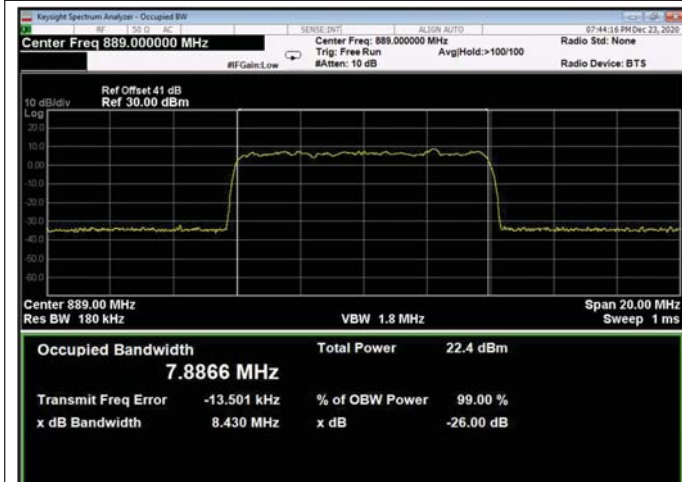


Figure 400: 64QAM 10MHz B.W.; 889.0MHz, 60kHz- Output

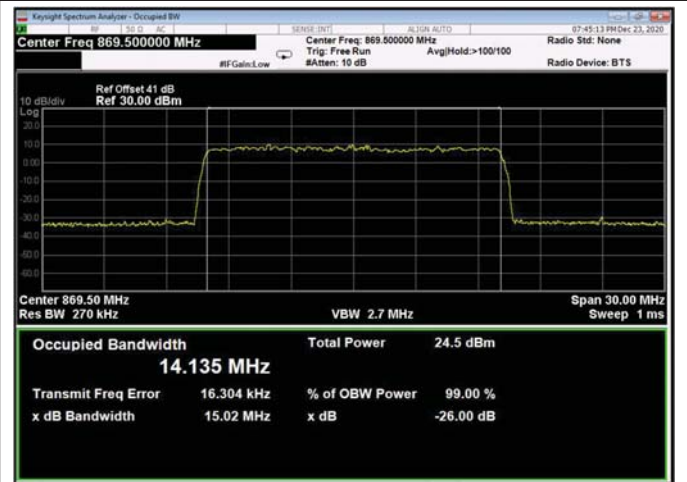


Figure 401: 64QAM 15MHz B.W.; 869.5MHz, 15kHz- Output

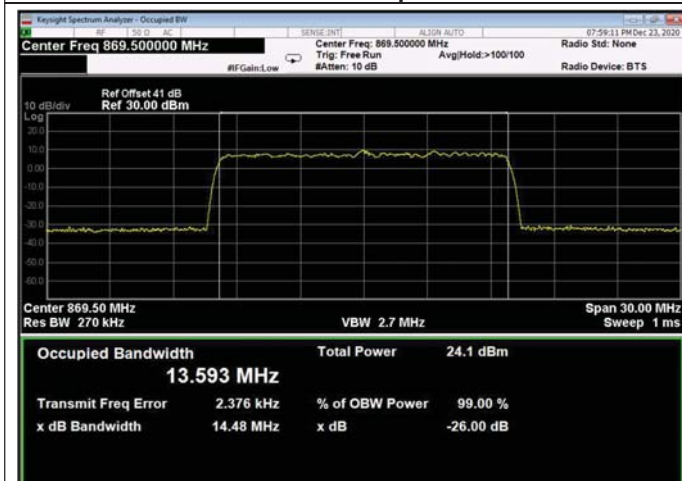


Figure 402: 64QAM 15MHz B.W.; 869.5MHz, 30kHz - Output

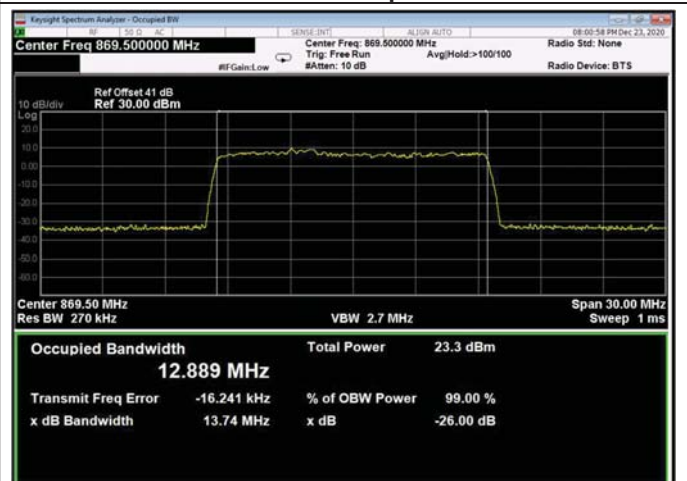


Figure 403: 64QAM 15MHz B.W.; 869.5MHz, 60kHz - Output

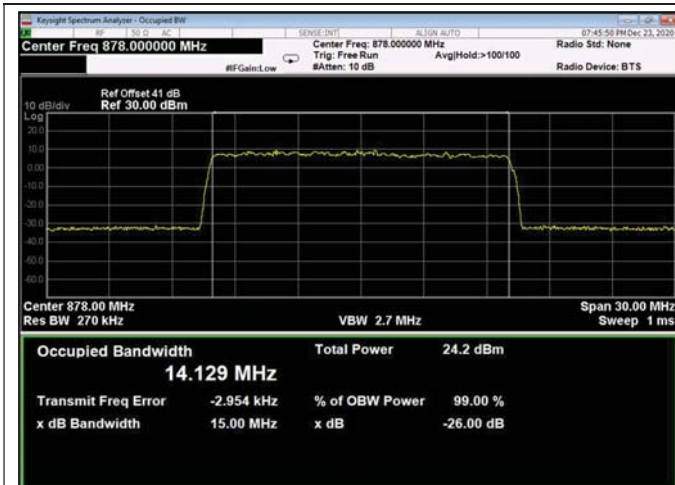


Figure 404: 64QAM 15MHz B.W.; 878.0MHz, 15kHz - Output

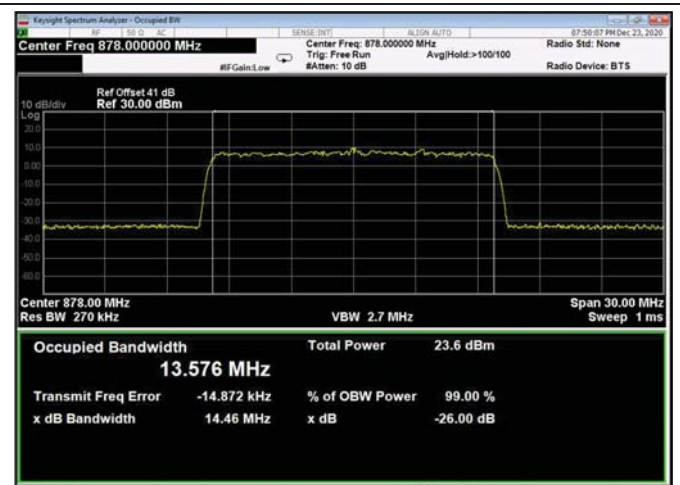


Figure 405: 64QAM 15MHz B.W.; 878.0MHz, 30kHz - Output

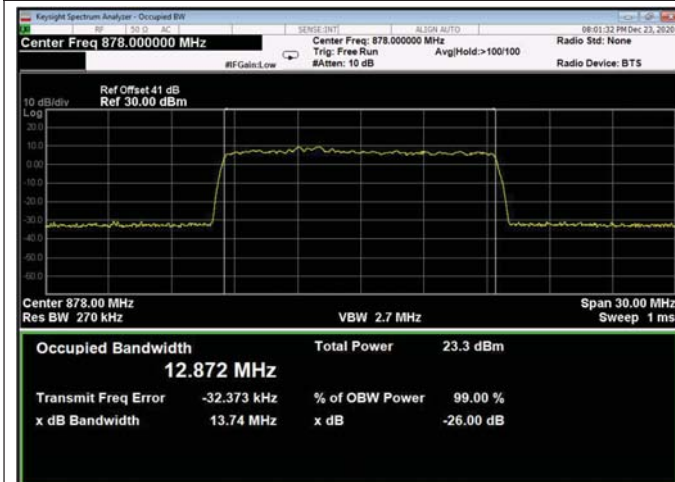


Figure 406: 64QAM 15MHz B.W.; 878.0MHz, 60kHz - Output



Figure 407: 64QAM 15MHz B.W.; 886.5MHz, 15kHz - Output

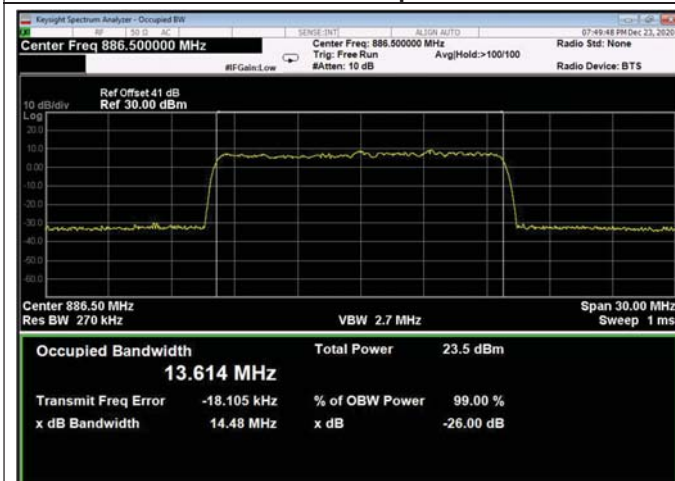


Figure 408: 64QAM 15MHz B.W.; 886.5MHz, 30kHz- Output

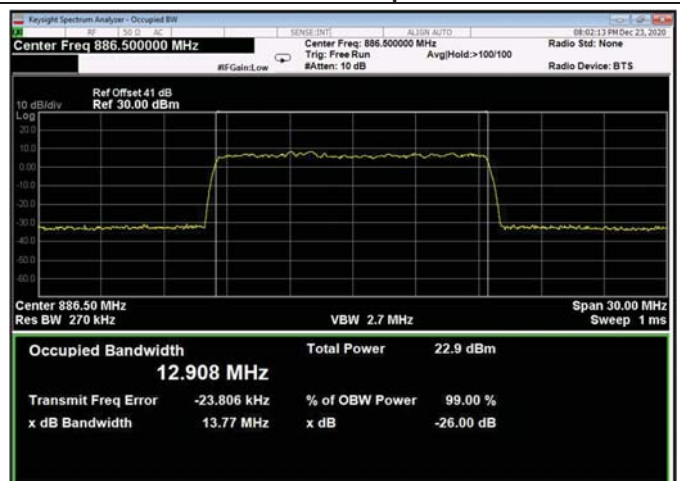


Figure 409: 64QAM 15MHz B.W.; 886.5MHz, 60kHz- Output



Figure 410: 64QAM 20MHz B.W.; 872.0MHz, 15kHz - Output

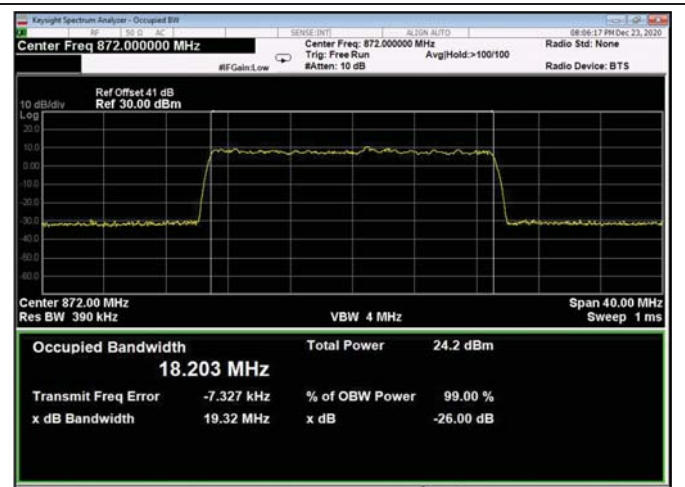


Figure 411: 64QAM 20MHz B.W.; 872.0MHz, 30kHz - Output

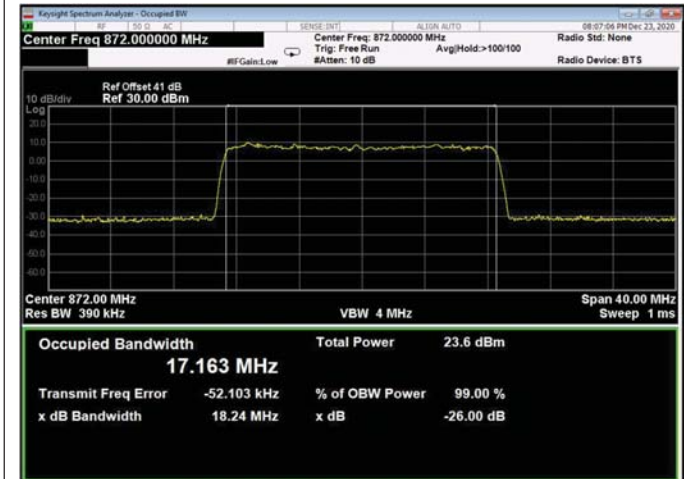


Figure 412: 64QAM 20MHz B.W.; 872.0MHz, 60kHz - Output

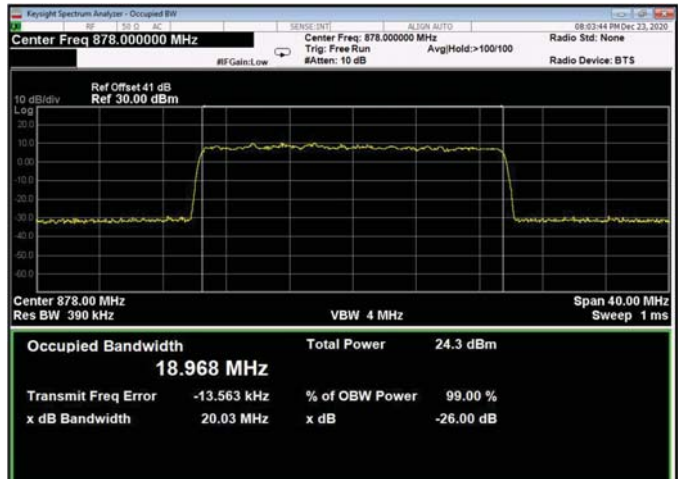


Figure 413: 64QAM 20MHz B.W.; 878.0MHz, 15kHz - Output

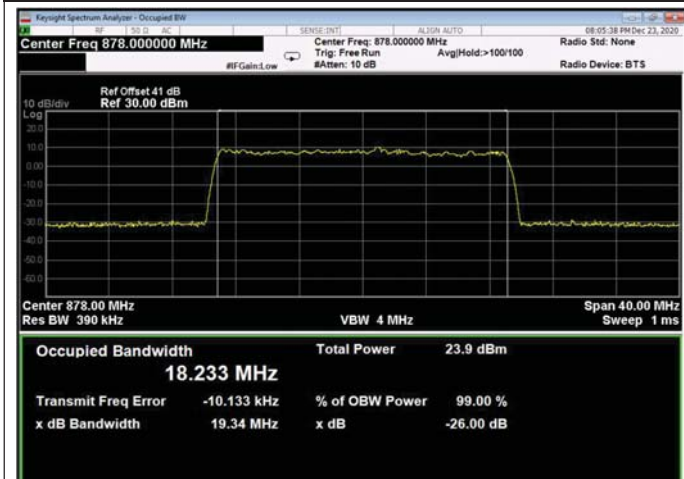


Figure 414: 64QAM 20MHz B.W.; 878.0MHz, 30kHz - Output

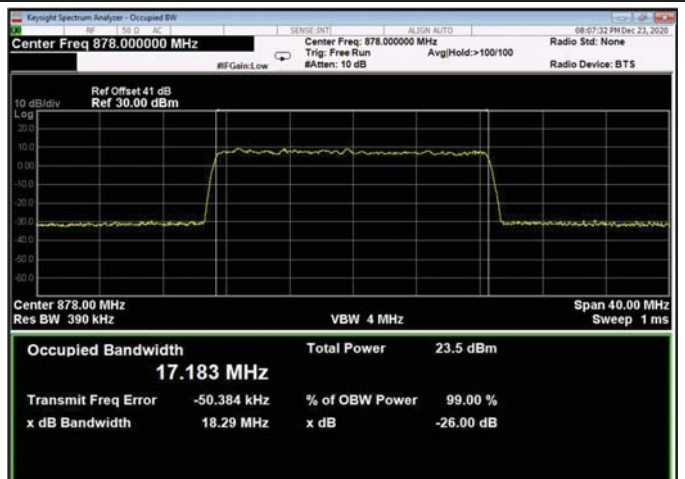


Figure 415: 64QAM 20MHz B.W.; 878.0MHz, 60kHz - Output

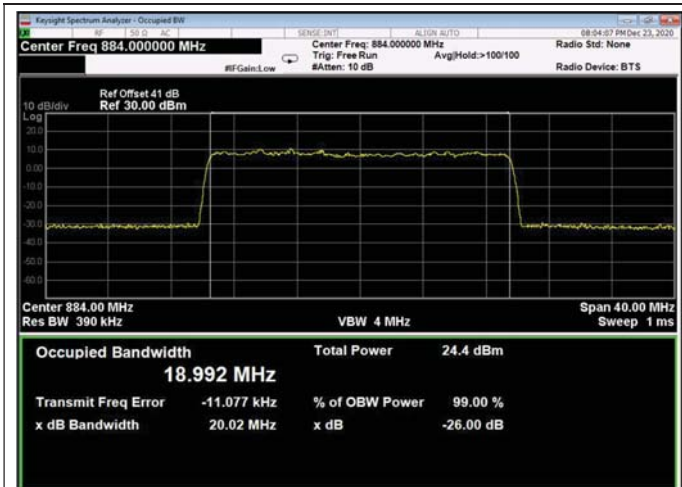


Figure 416: 64QAM 20MHz B.W.; 884.0MHz, 15kHz - Output

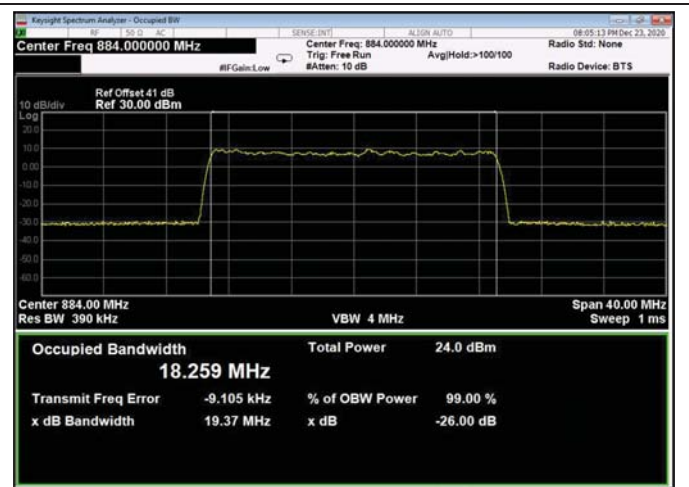


Figure 417: 64QAM 20MHz B.W.; 884.0MHz, 30kHz - Output

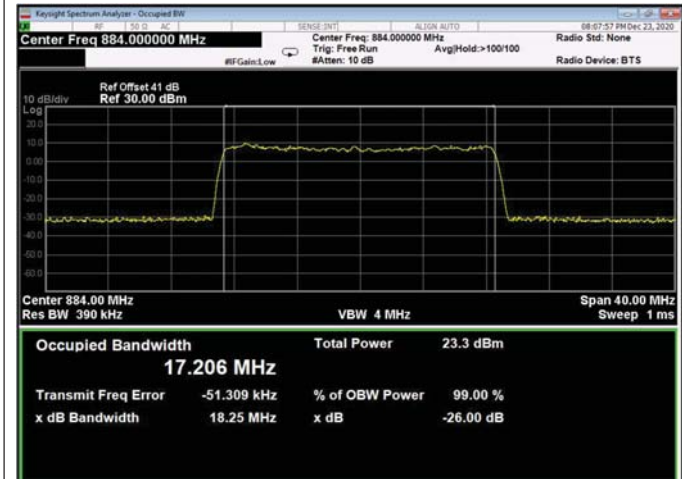


Figure 418: 64QAM 20MHz B.W.; 884.0MHz, 60kHz Output

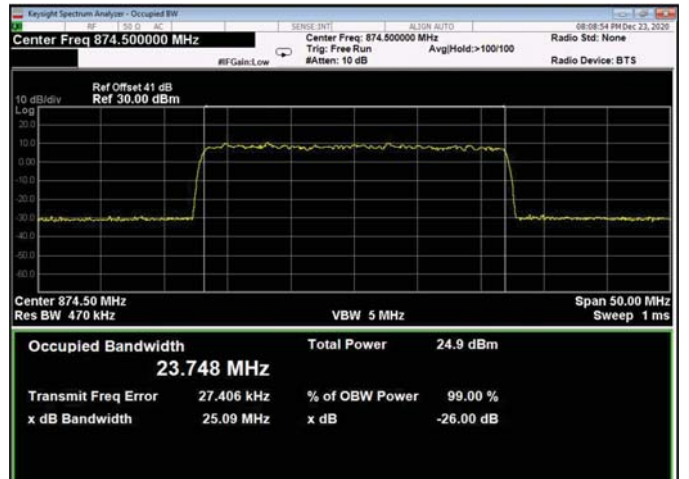


Figure 419: 64QAM 25MHz B.W.; 874.5 MHz, 15kHz - Output

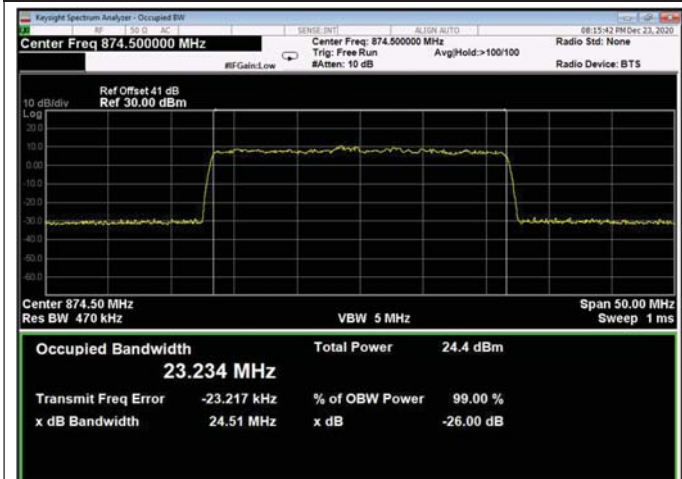


Figure 420: 64QAM 25MHz B.W.; 874.5MHz, 30kHz - Output

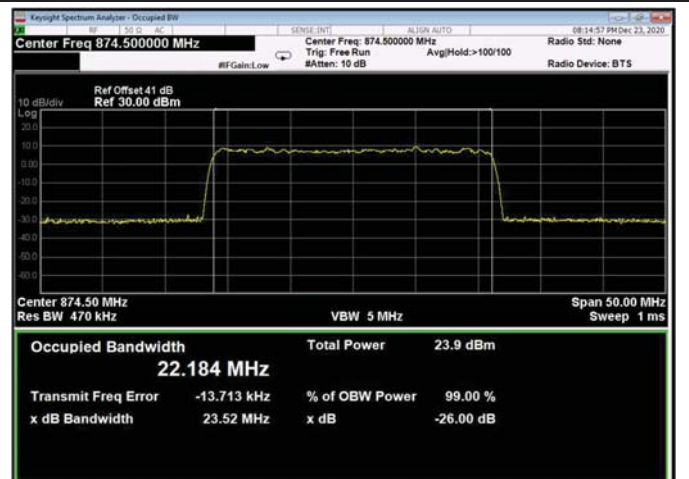


Figure 421: 64QAM 25MHz B.W.; 874.5MHz, 60kHz - Output

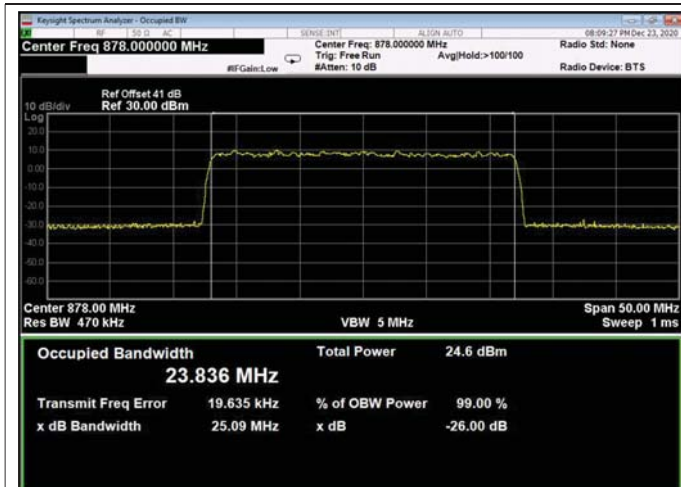


Figure 422: 64QAM 25MHz B.W.; 878.0MHz, 15kHz - Output

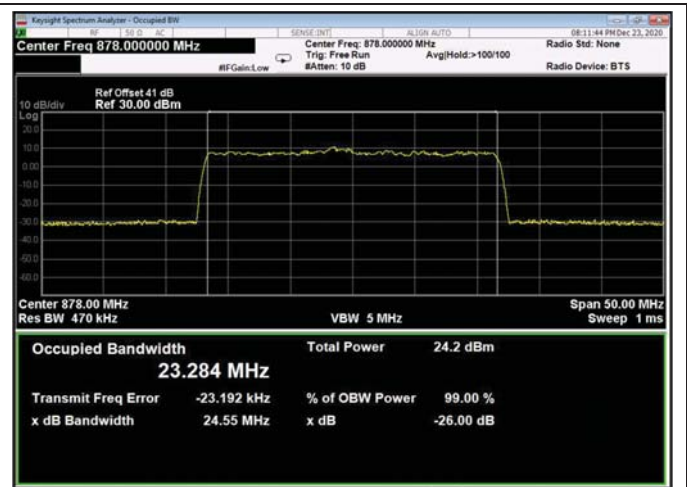


Figure 423: 64QAM 25MHz B.W.; 878.0MHz, 30kHz - Output

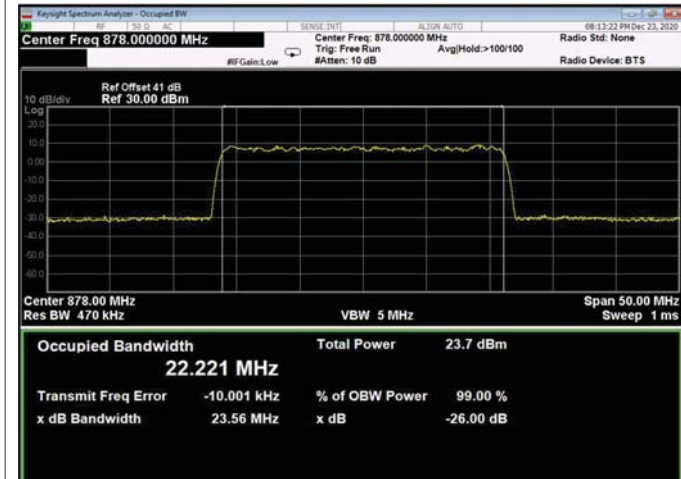


Figure 424: 64QAM 25MHz B.W.; 878.5MHz, 60kHz - Output

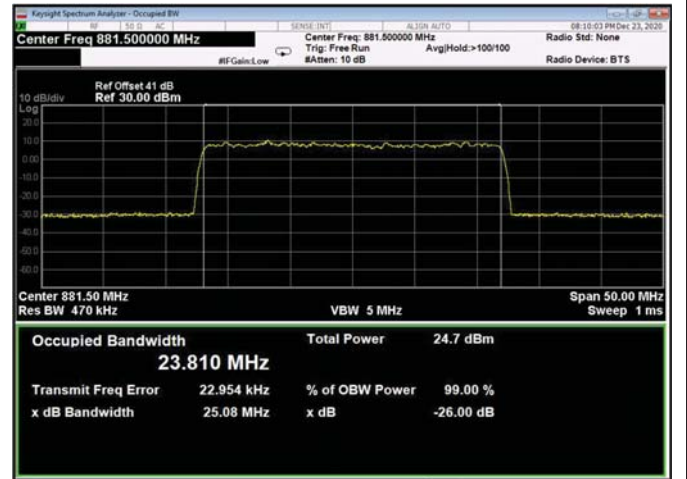


Figure 425: 64QAM 25MHz B.W.; 881.5MHz, 15kHz - Output

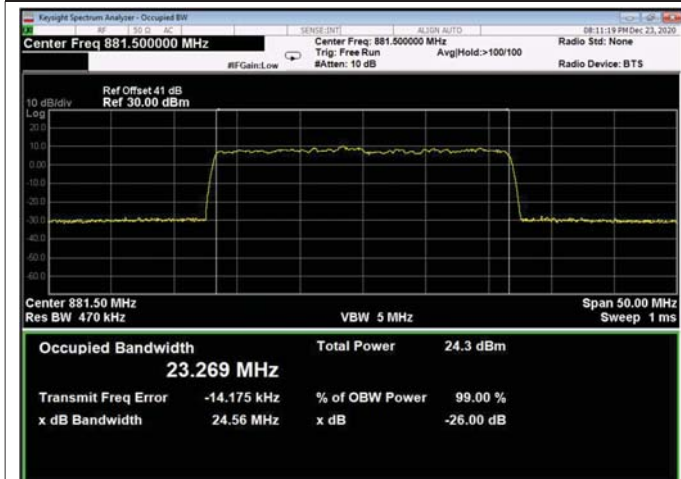


Figure 426: 64QAM 25MHz B.W.; 881.5MHz, 30kHz - Output

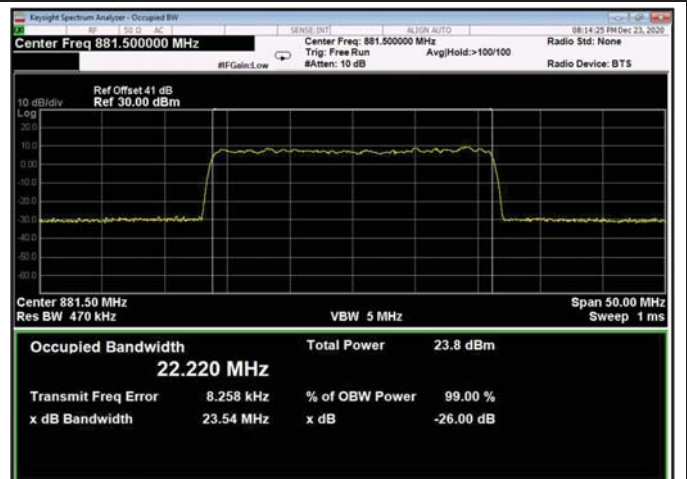


Figure 427: 64QAM 25MHz B.W.; 881.5MHz, 60kHz - Output

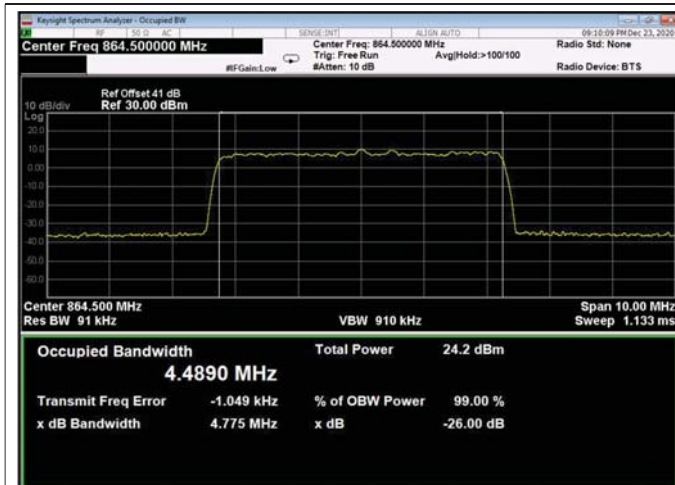


Figure 428: 256QAM 5MHz B.W.; 864.5MHz, 15kHz - Output

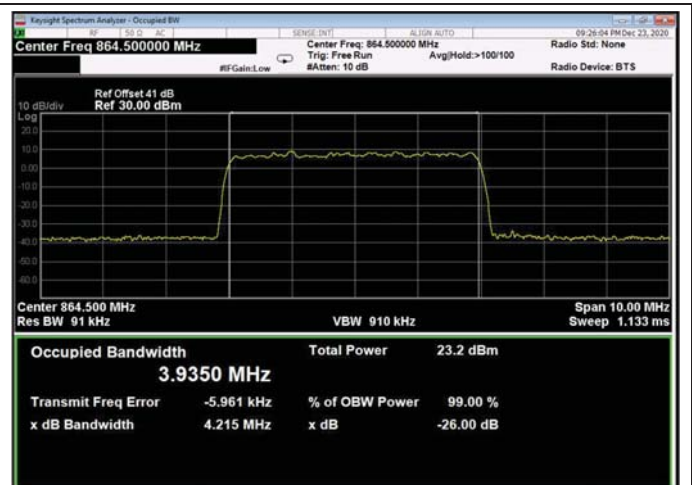


Figure 429: 256QAM 5MHz B.W.; 864.5MHz, 30kHz - Output

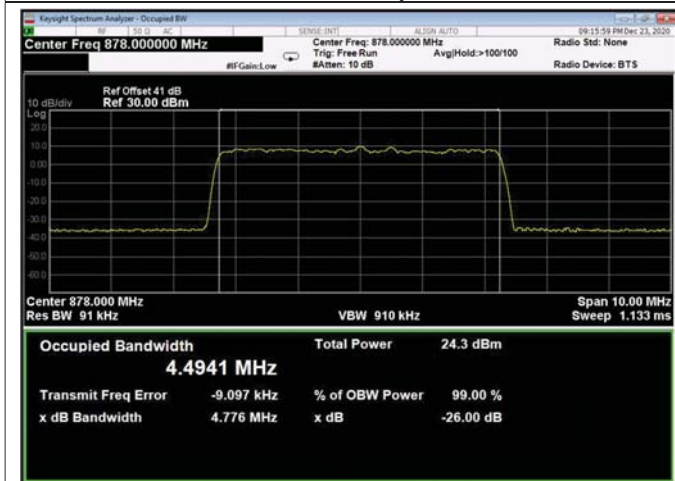


Figure 430: 256QAM 5MHz B.W.; 878.0MHz, 15kHz - Output

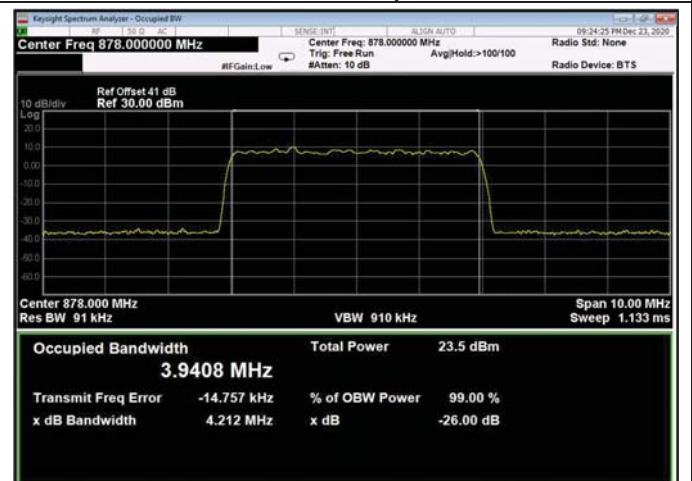


Figure 431: 256QAM 5MHz B.W.; 878.0MHz, 30kHz - Output

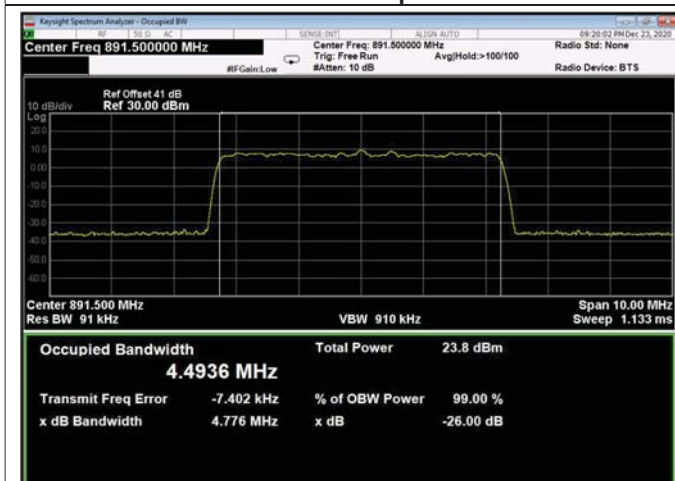


Figure 432: 256QAM 5MHz B.W.; 891.5MHz, 15kHz - Output

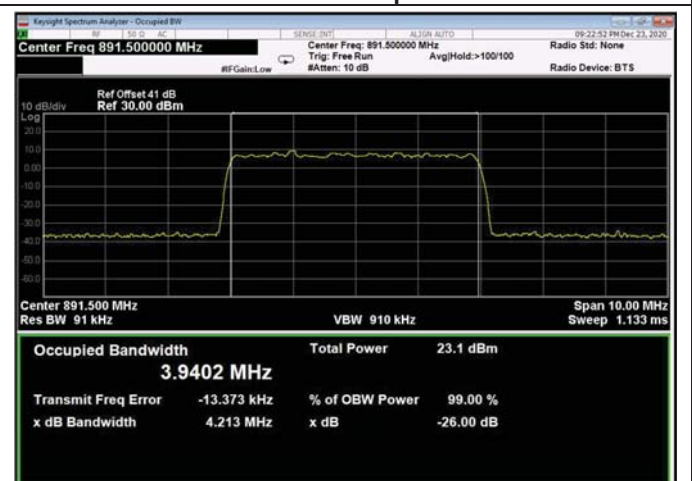


Figure 433: 256QAM 5MHz B.W.; 891.5MHz, 30kHz - Output

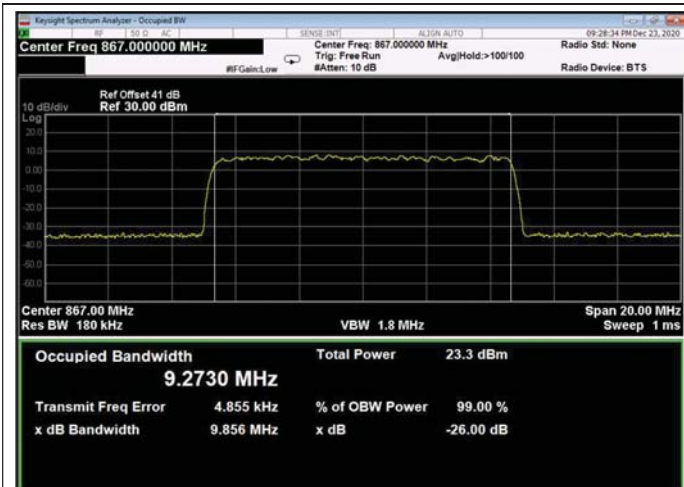


Figure 434: 256QAM 10MHz B.W.; 867.0MHz, 15kHz - Output

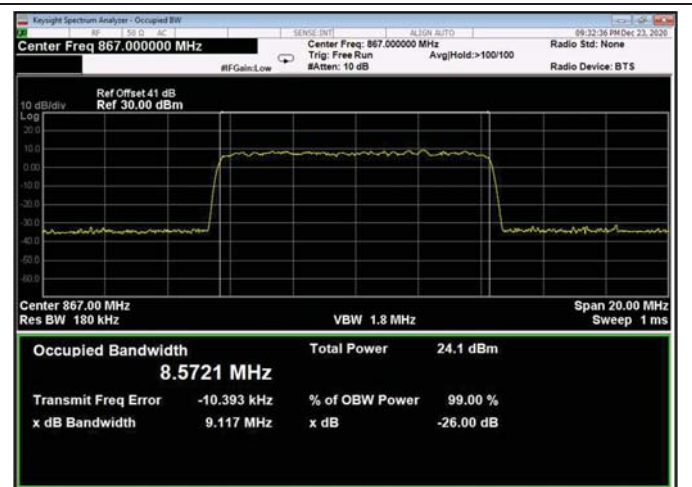


Figure 435: 256QAM 10MHz B.W.; 867.0MHz, 30kHz - Output

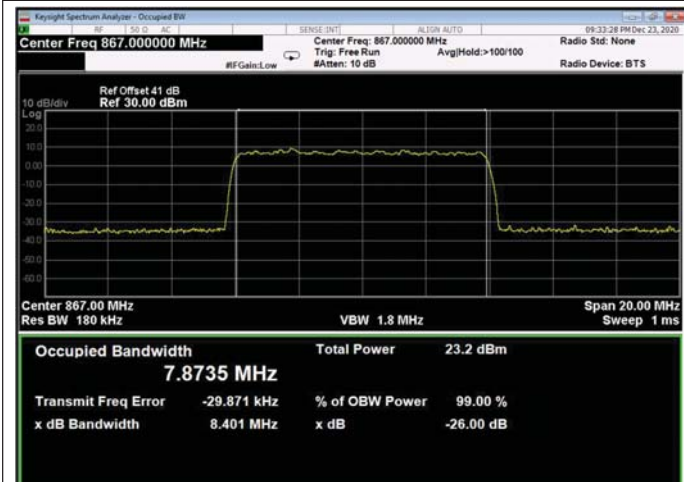


Figure 436: 256QAM 10MHz B.W.; 867.0MHz, 60kHz - Output

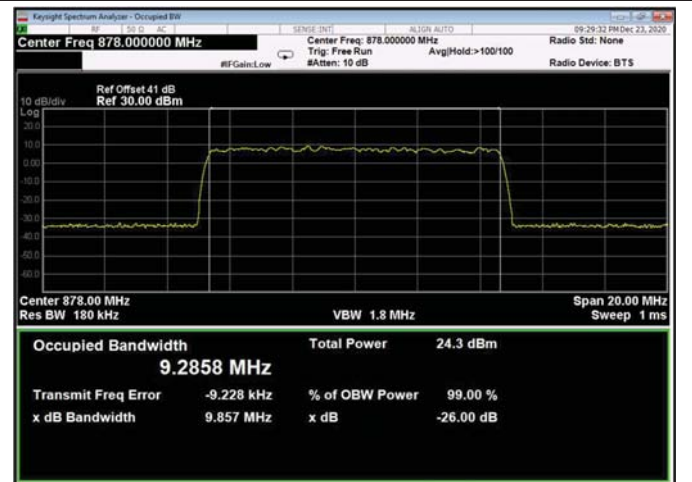


Figure 437: 256QAM 10MHz B.W.; 878.0MHz, 15kHz - Output



Figure 438: 256QAM 10MHz B.W.; 878.0MHz, 30kHz - Output

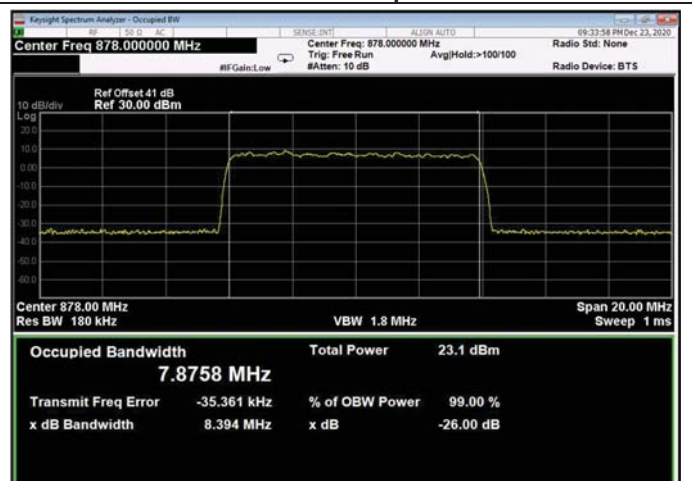


Figure 439: 256QAM 10MHz B.W.; 878.0MHz, 60kHz - Output





Figure 440: 256QAM 10MHz B.W.; 889.0MHz, 15kHz - Output

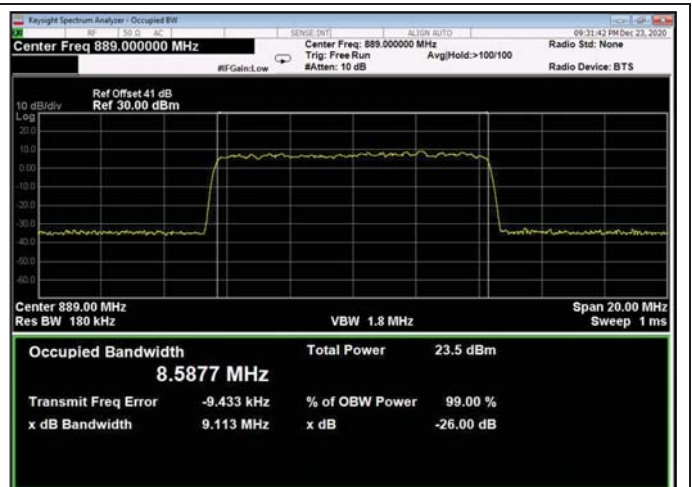


Figure 441: 256QAM 10MHz B.W.; 889.0MHz, 30kHz - Output

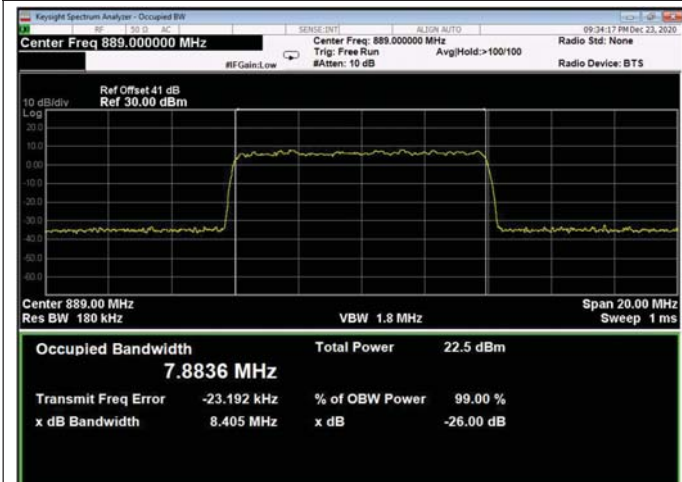


Figure 442: 256QAM 10MHz B.W.; 889.0MHz, 60kHz - Output

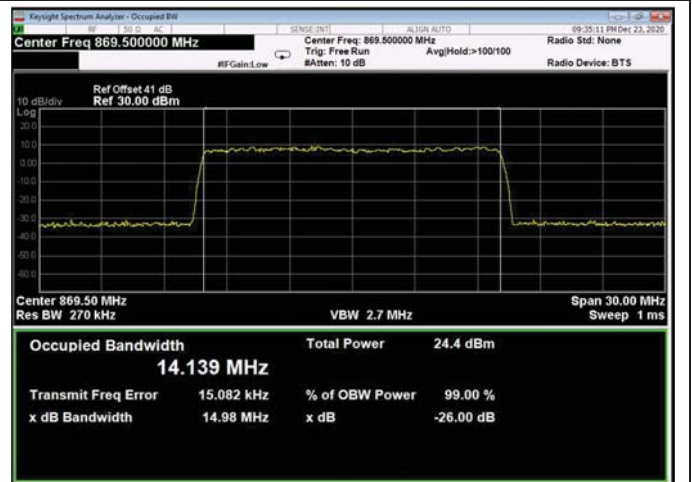


Figure 443: 256QAM 15MHz B.W.; 869.5MHz, 15kHz - Output

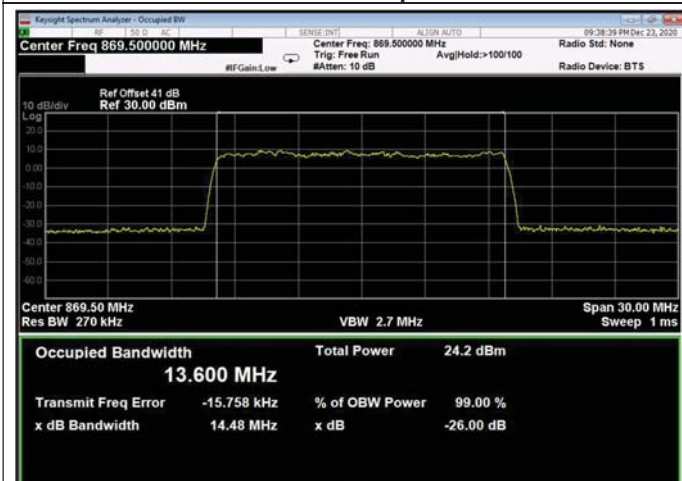


Figure 444: 256QAM 15MHz B.W.; 869.5MHz, 30kHz - Output

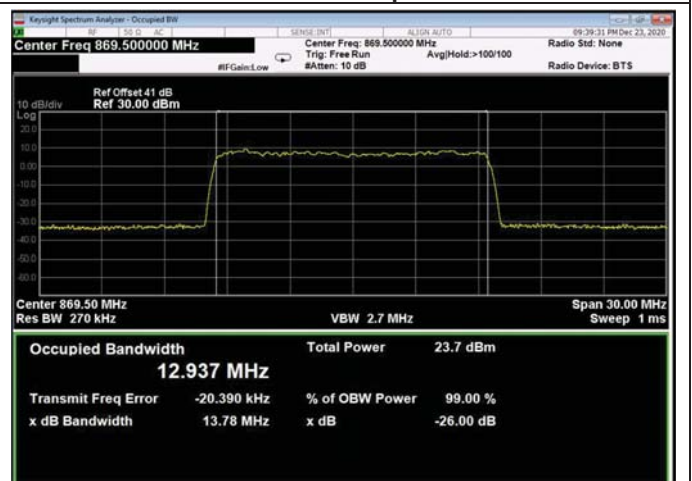


Figure 445: 256QAM 15MHz B.W.; 869.5MHz, 60kHz - Output

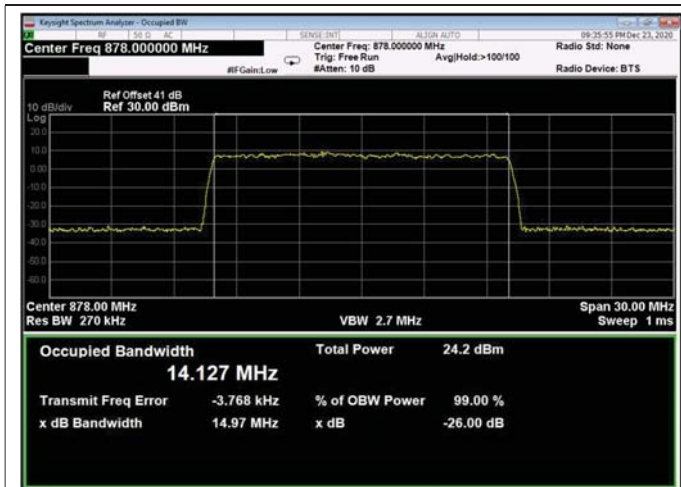


Figure 446: 256QAM 15MHz B.W.; 878.0MHz, 15kHz - Output

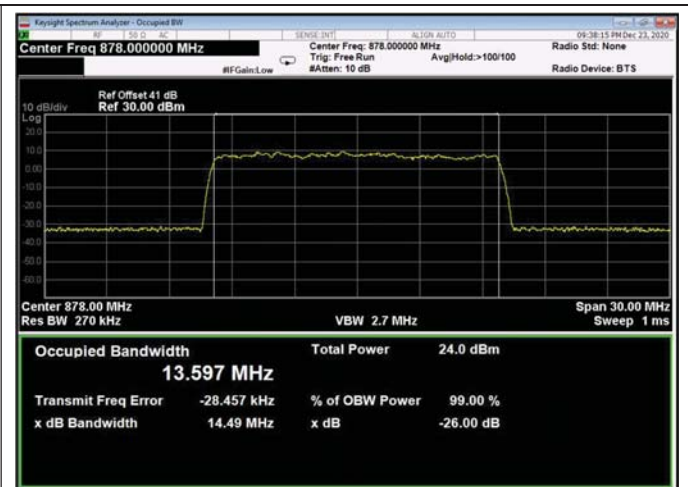


Figure 447: 256QAM 15MHz B.W.; 878.0MHz, 30kHz - Output

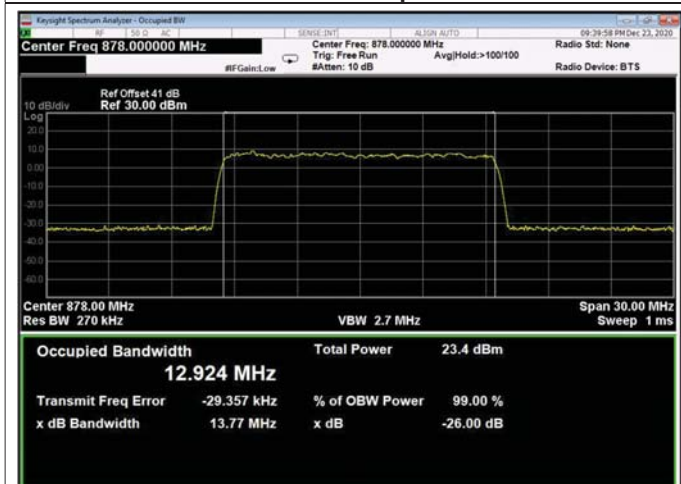


Figure 448: 256QAM 15MHz B.W.; 878.0MHz, 60kHz - Output

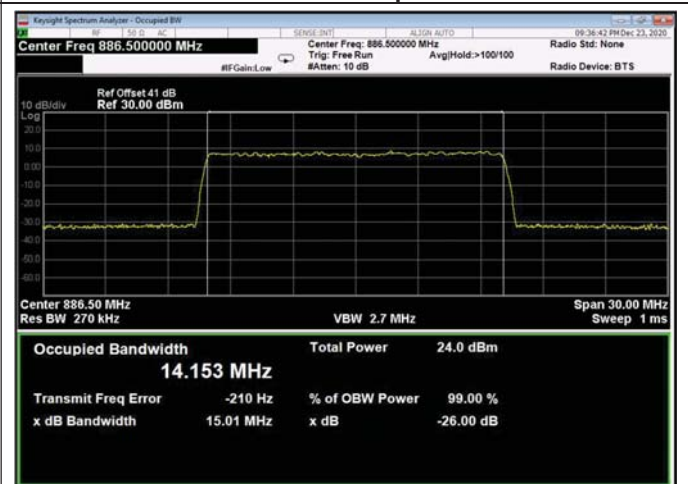


Figure 449: 256QAM 15MHz B.W.; 886.5MHz, 15kHz - Output

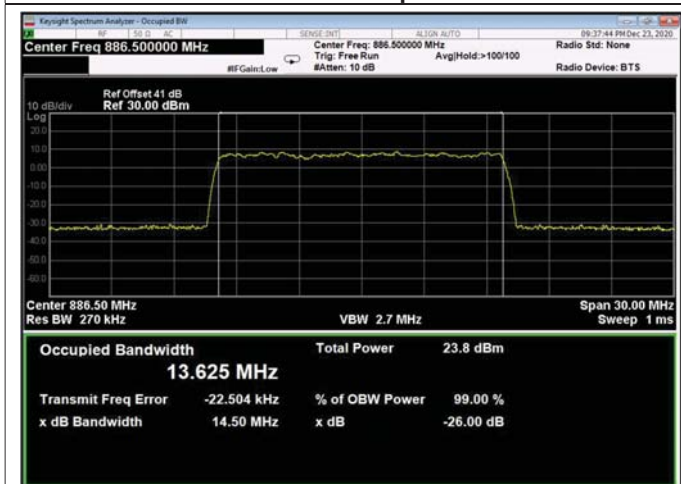


Figure 450: 256QAM 15MHz B.W.; 886.5MHz, 30kHz - Output

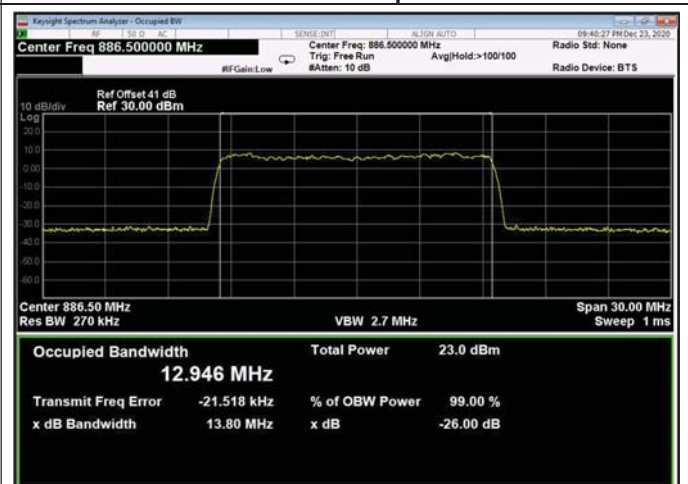


Figure 451: 256QAM 15MHz B.W.; 886.5MHz, 60kHz - Output

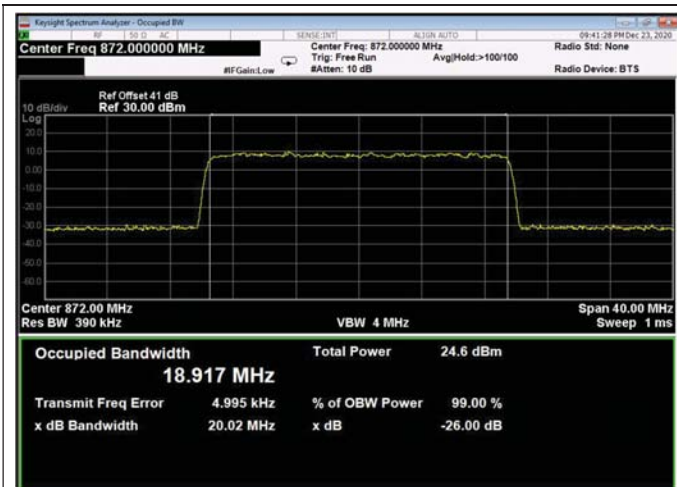


Figure 452: 256QAM 20MHz B.W.; 872.0MHz, 15kHz - Output

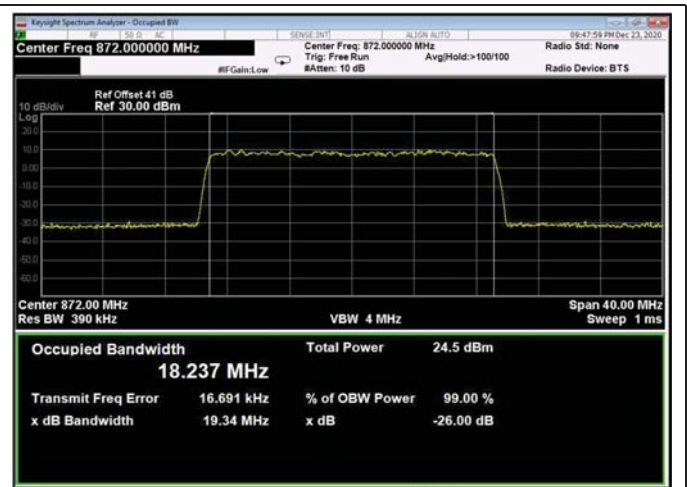


Figure 453: 256QAM 20MHz B.W.; 872.0MHz, 30kHz - Output

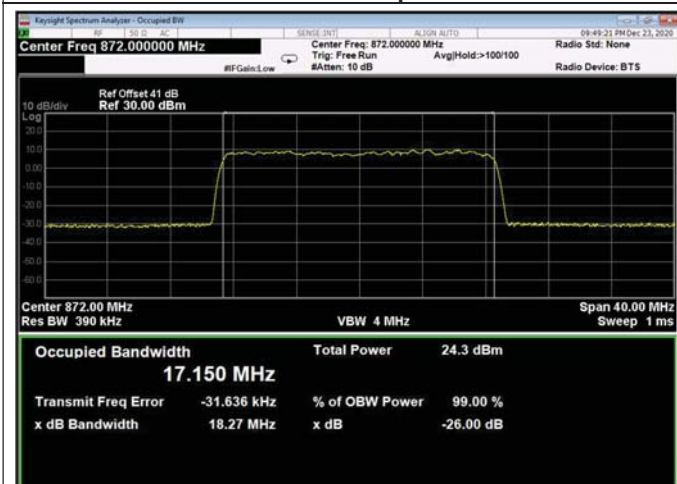


Figure 454: 256QAM 20MHz B.W.; 872.0MHz, 60kHz - Output

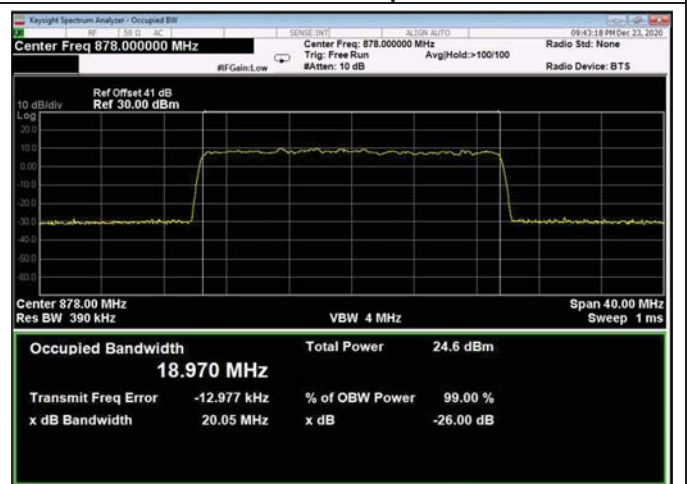


Figure 455: 256QAM 20MHz B.W.; 878.0MHz, 15kHz - Output

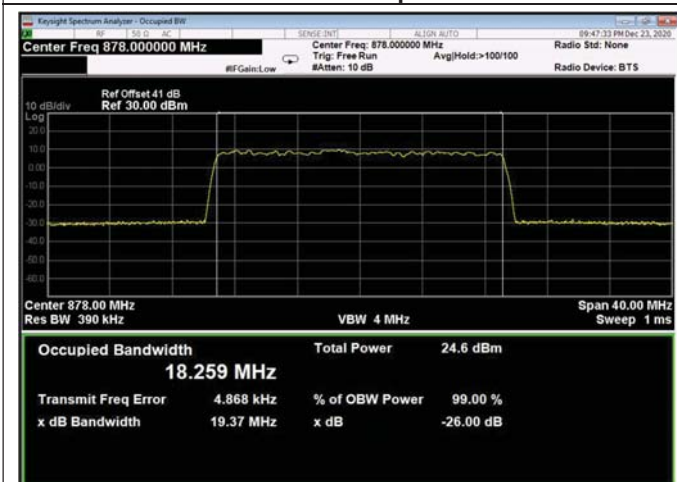


Figure 456: 256QAM 20MHz B.W.; 878.0MHz, 30kHz - Output

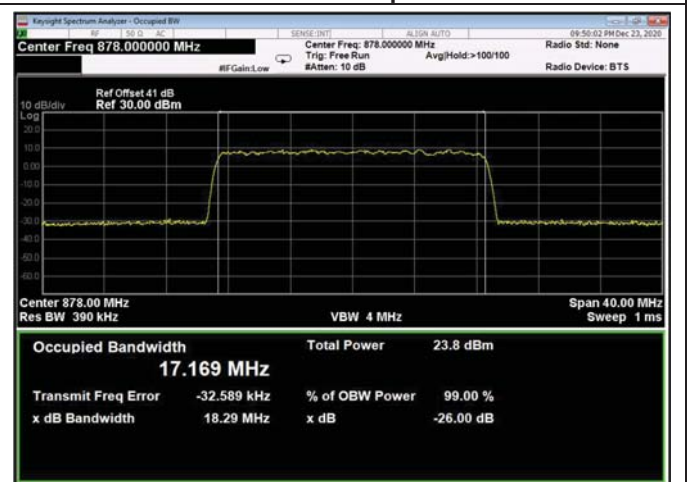


Figure 457: 256QAM 20MHz B.W.; 878.0MHz, 60kHz - Output

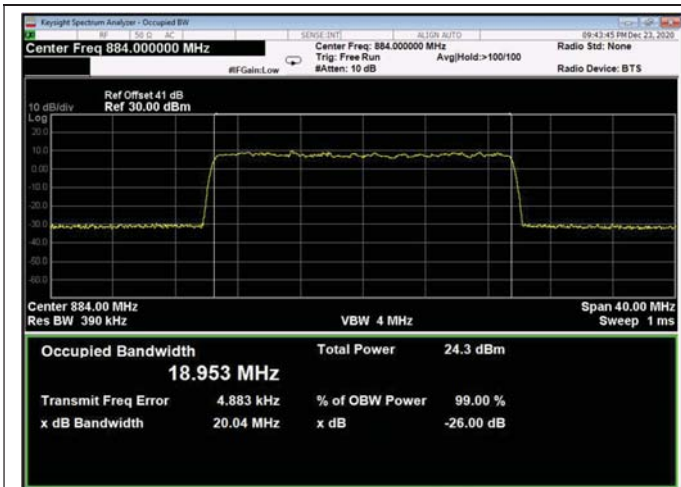


Figure 458: 256QAM 20MHz B.W.; 884.0MHz, 15kHz - Output

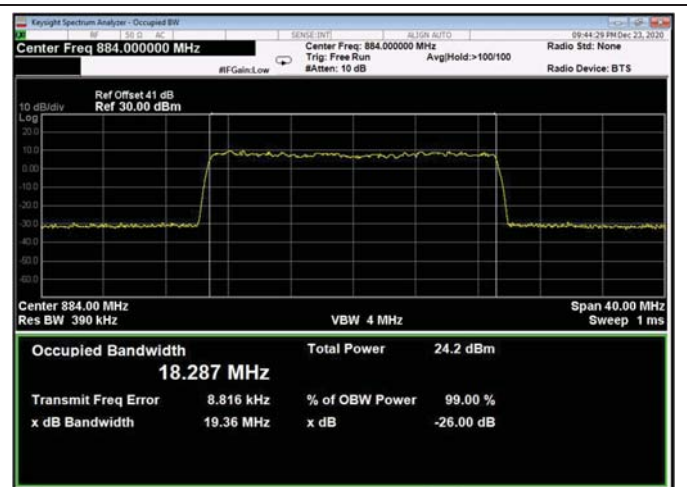


Figure 459: 256QAM 20MHz B.W.; 884.0MHz, 30kHz - Output

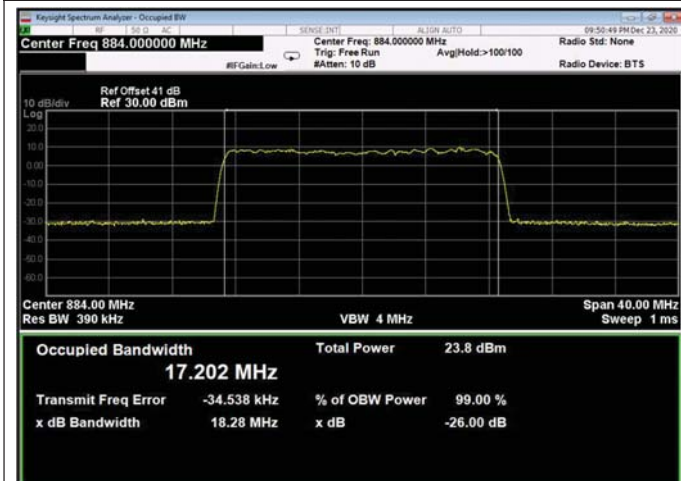


Figure 460: 256QAM 20MHz B.W.; 884.0MHz, 60kHz - Output

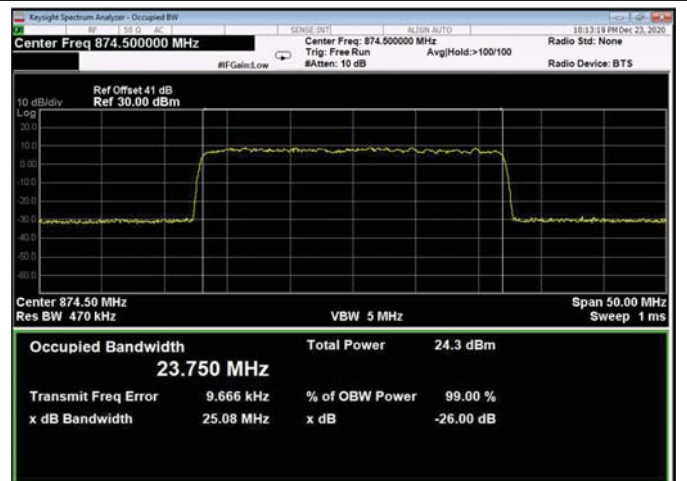


Figure 461: 256QAM 25MHz B.W.; 874.5MHz, 15kHz - Output

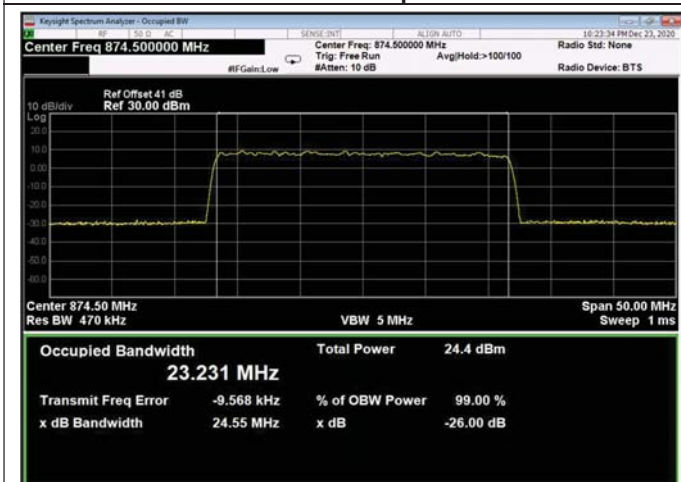


Figure 462: 256QAM 25MHz B.W.; 874.5MHz, 30kHz - Output

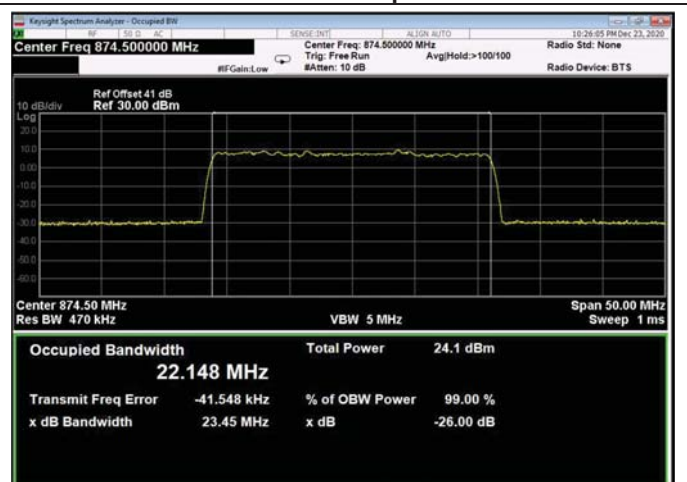


Figure 463: 256QAM 25MHz B.W.; 874.5MHz, 60kHz - Output

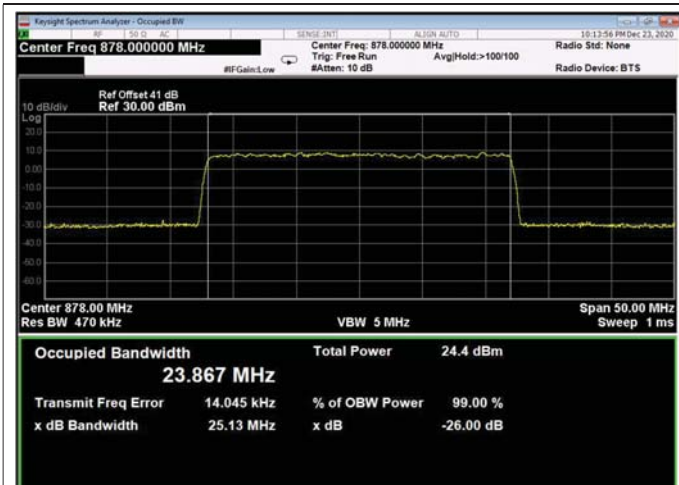


Figure 464: 256QAM 25MHz B.W.; 878.0MHz, 15kHz - Output

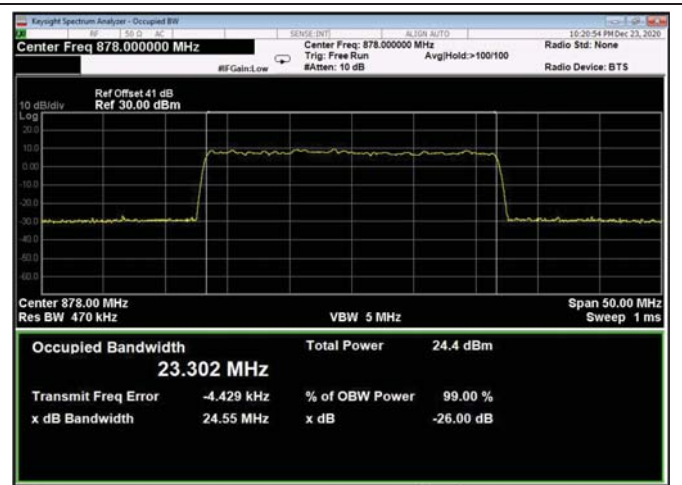


Figure 465: 256QAM 25MHz B.W.; 878.0MHz, 30kHz - Output

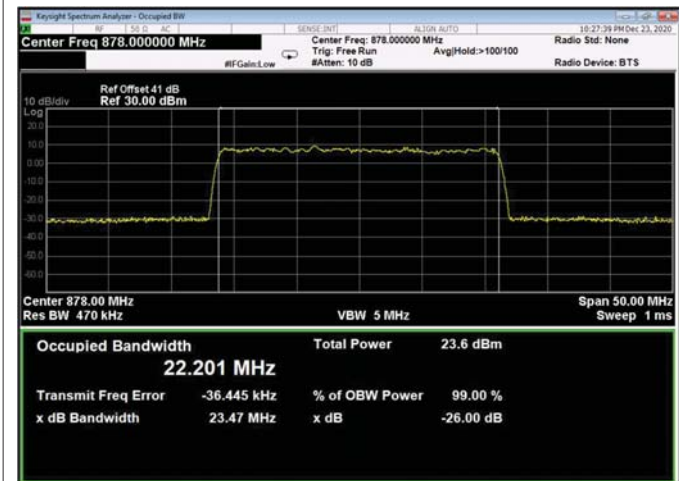


Figure 466: 256QAM 25MHz B.W.; 878.0MHz, 60kHz - Output



Figure 467: 256QAM 25MHz B.W.; 881.5MHz, 15kHz - Output

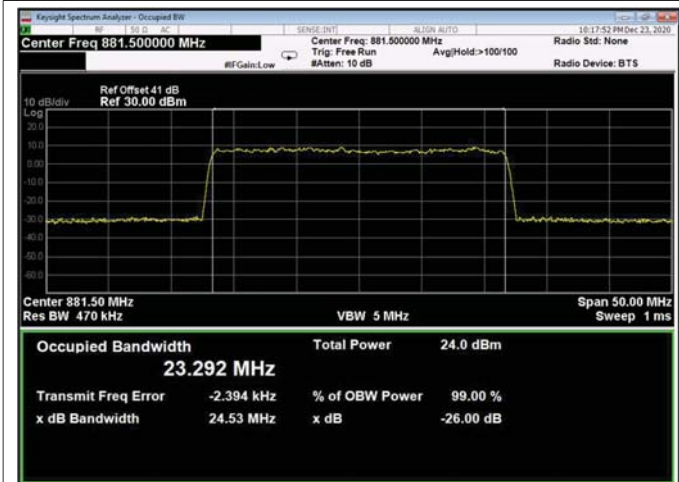


Figure 468: 256QAM 25MHz B.W.; 881.5MHz, 30kHz - Output

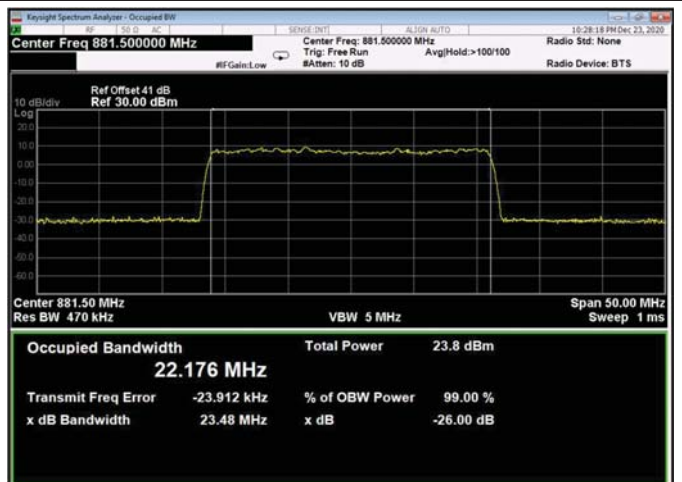


Figure 469: 256QAM 25MHz B.W.; 881.5MHz, 60kHz - Output

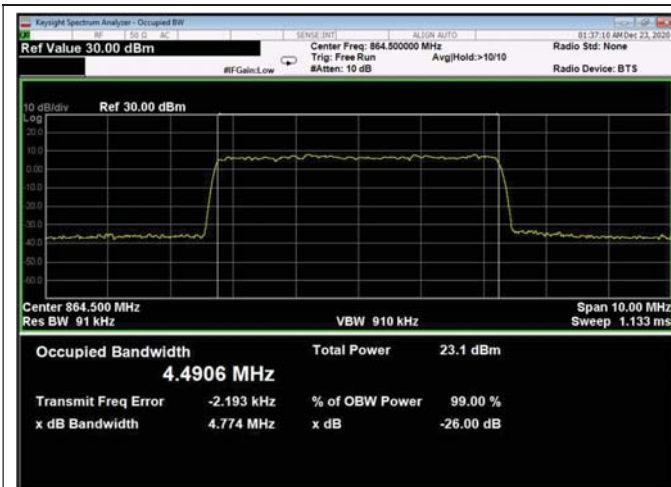


Figure 470: QPSK 5MHz B.W.; 864.5MHz, 15kHz - Output

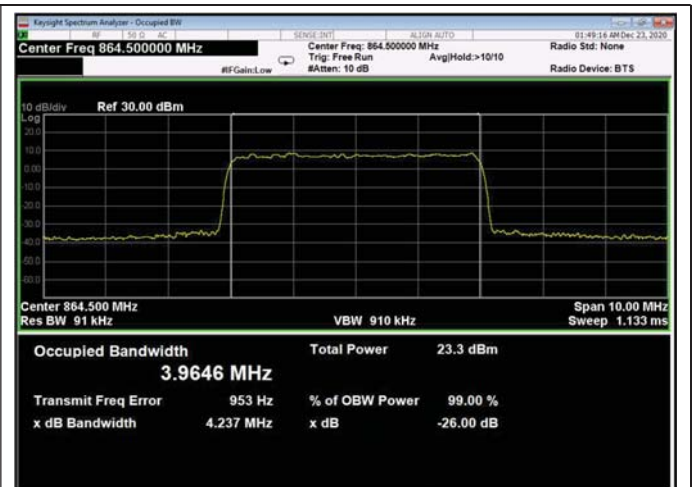


Figure 471: QPSK 5MHz B.W.; 864.5MHz, 30kHz - Output



Figure 472: QPSK 5MHz B.W.; 878.0MHz, 15kHz - Output

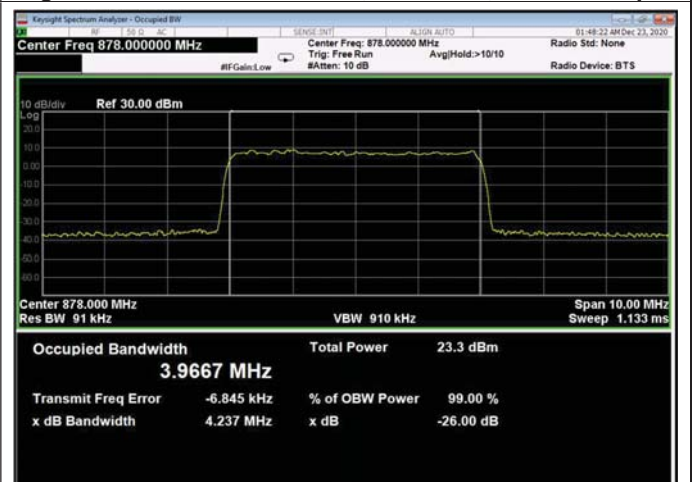


Figure 473: QPSK 5MHz B.W.; 878.0MHz, 30kHz - Output

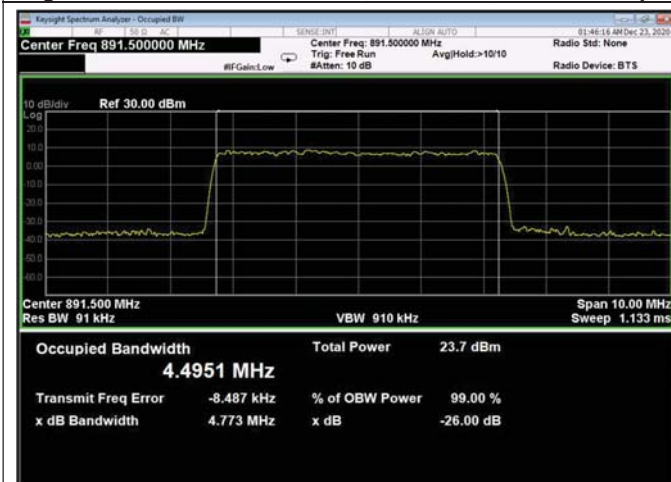


Figure 474: QPSK 5MHz B.W.; 891.5MHz, 15kHz - Output

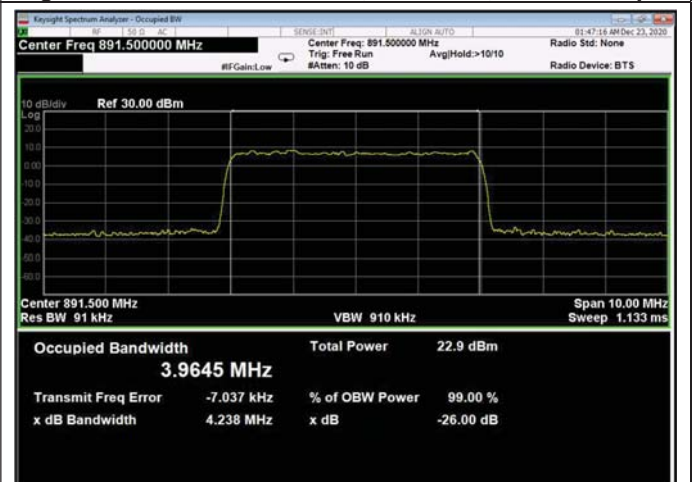


Figure 475: QPSK 5MHz B.W.; 891.5MHz, 30kHz - Output

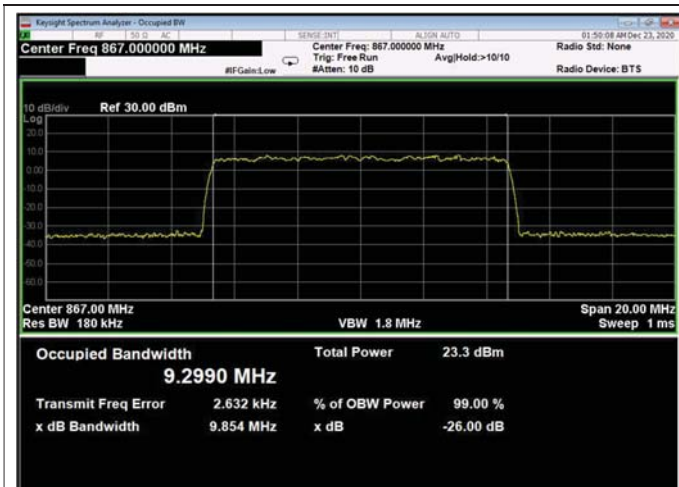


Figure 476: QPSK 10MHz B.W.; 867.0MHz, 15kHz - Output

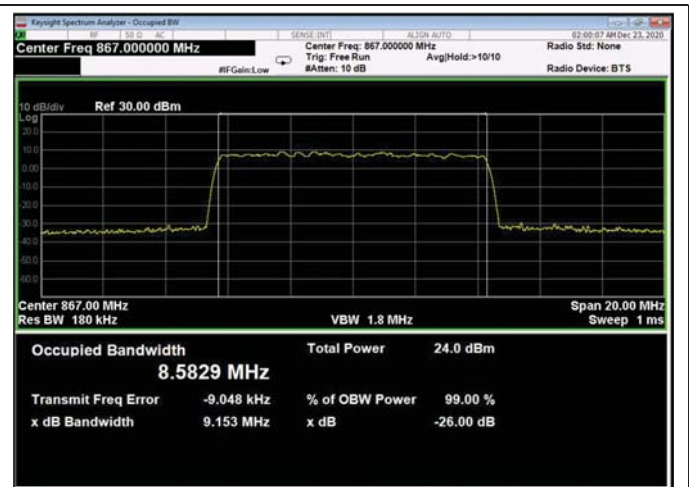


Figure 477: QPSK 10MHz B.W.; 867.0MHz, 30kHz - Output

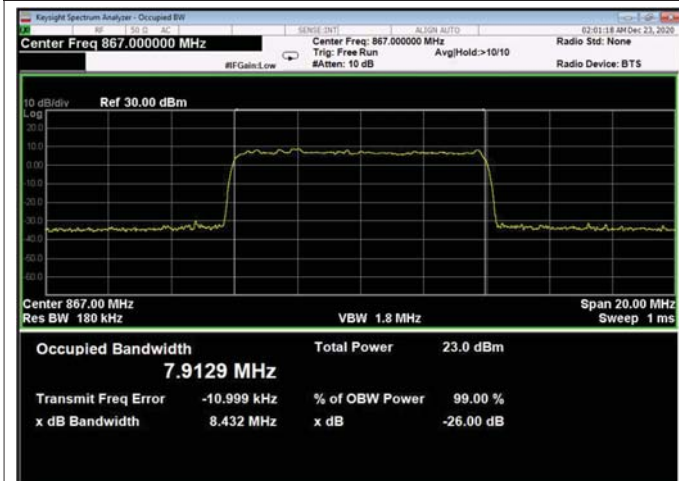


Figure 478: QPSK 10MHz B.W.; 867.0MHz, 60kHz - Output

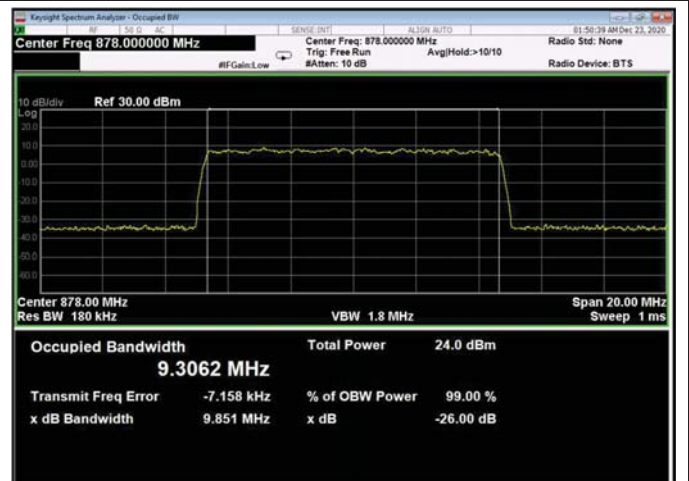


Figure 479: QPSK 10MHz B.W.; 878.0MHz, 15kHz - Output



Figure 480: QPSK 10MHz B.W.; 878.0MHz, 30kHz - Output

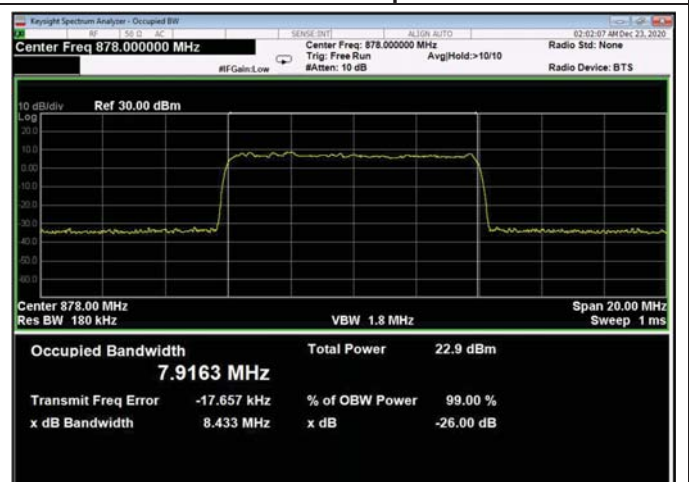


Figure 481: QPSK 10MHz B.W.; 878.0MHz, 60kHz - Output



Figure 482: QPSK 10MHz B.W.; 889.0MHz, 15kHz - Output

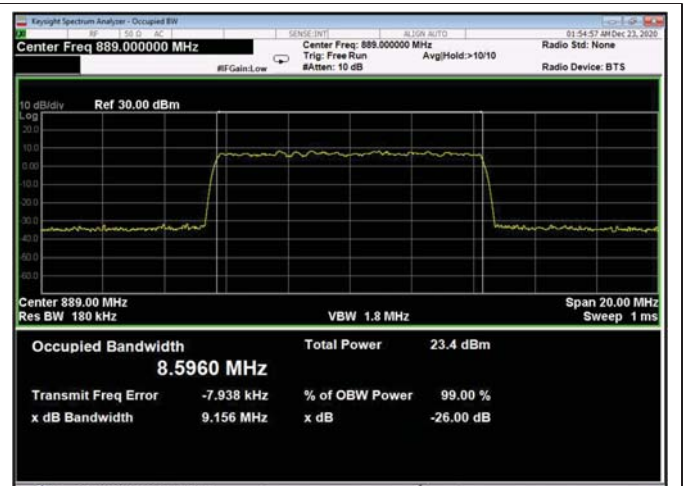


Figure 483: QPSK 10MHz B.W.; 889.0MHz, 30kHz - Output

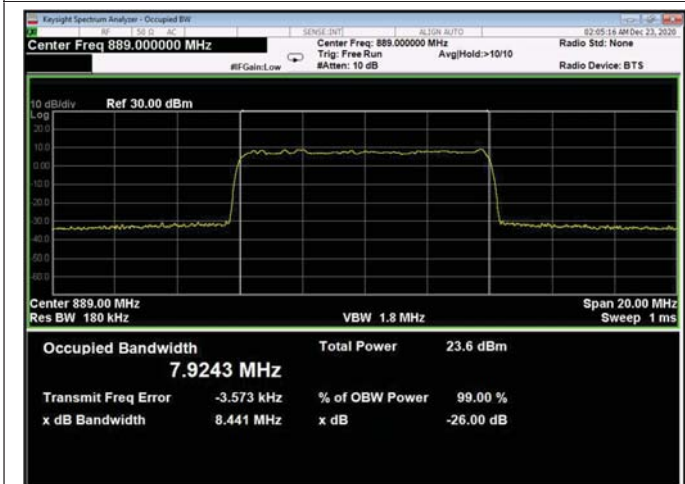


Figure 484: QPSK 10MHz B.W.; 889.0MHz, 60kHz - Output



Figure 485: QPSK 15MHz B.W.; 869.5MHz, 15kHz - Output

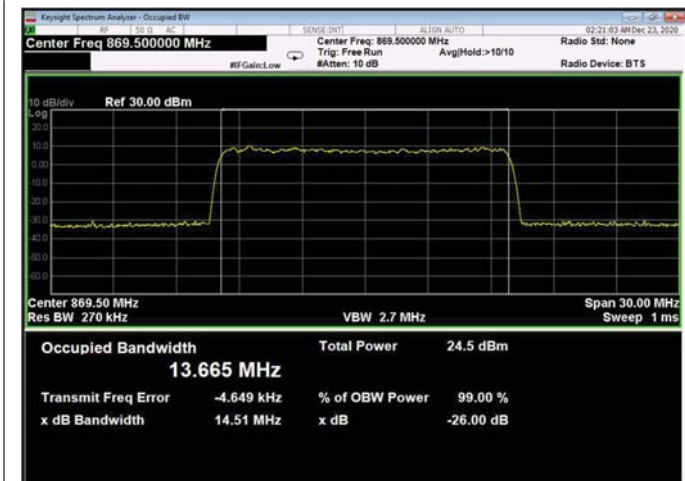


Figure 486: QPSK 15MHz B.W.; 869.5MHz, 30kHz - Output

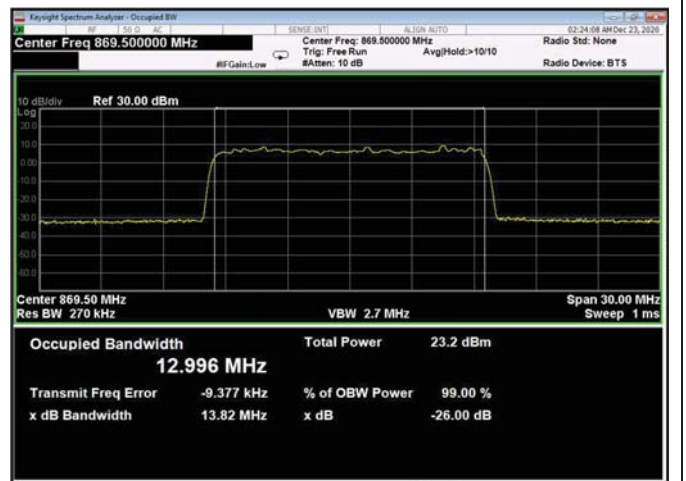


Figure 487: QPSK 15MHz B.W.; 869.5MHz, 60kHz - Output



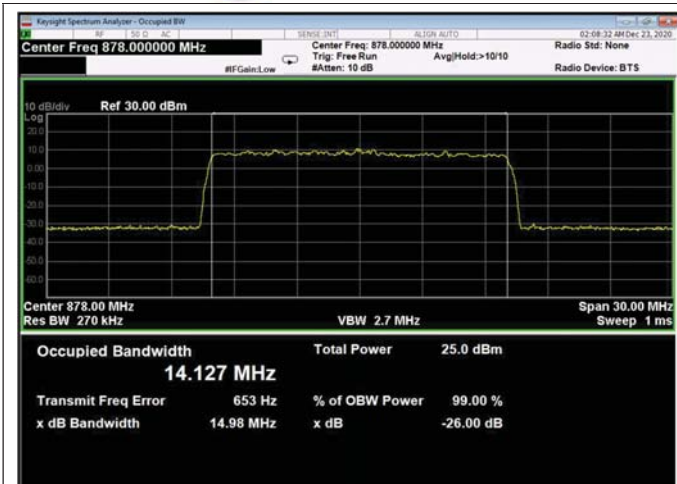


Figure 488: QPSK 15MHz B.W.; 878.0MHz, 15kHz - Output

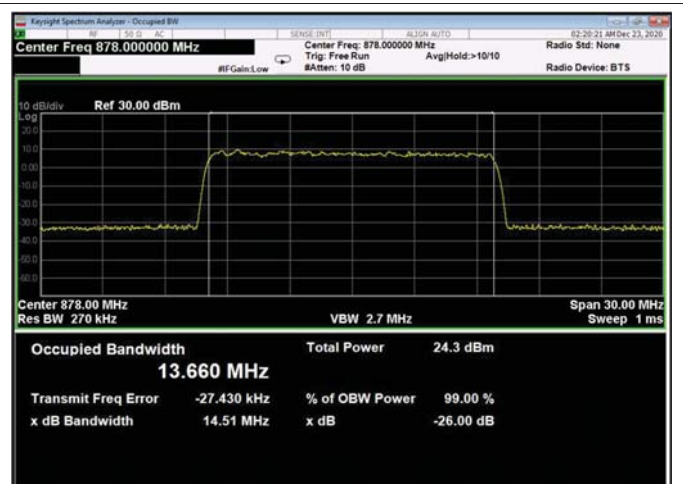


Figure 489: QPSK 15MHz B.W.; 878.0MHz, 30kHz - Output

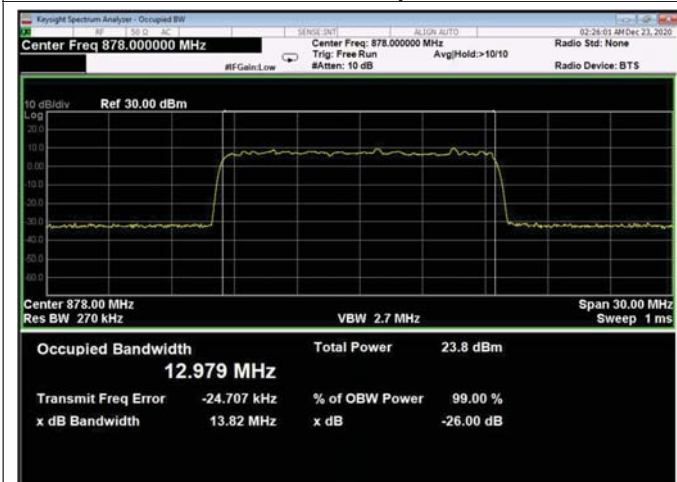


Figure 490: QPSK 15MHz B.W.; 878.0MHz, 60kHz - Output

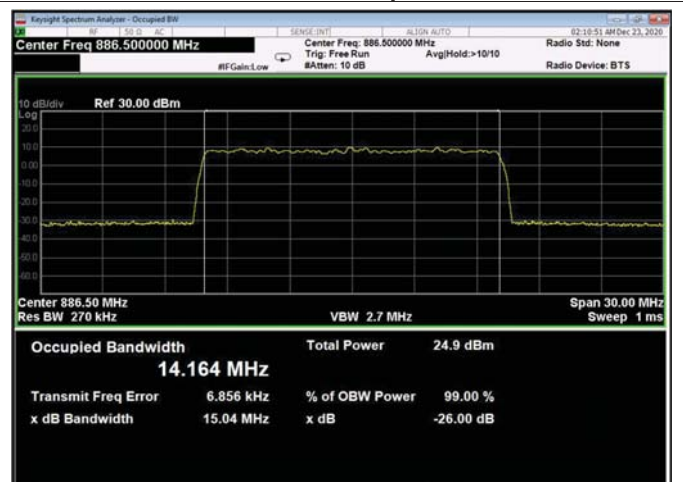


Figure 491: QPSK 15MHz B.W.; 886.5MHz, 15kHz - Output

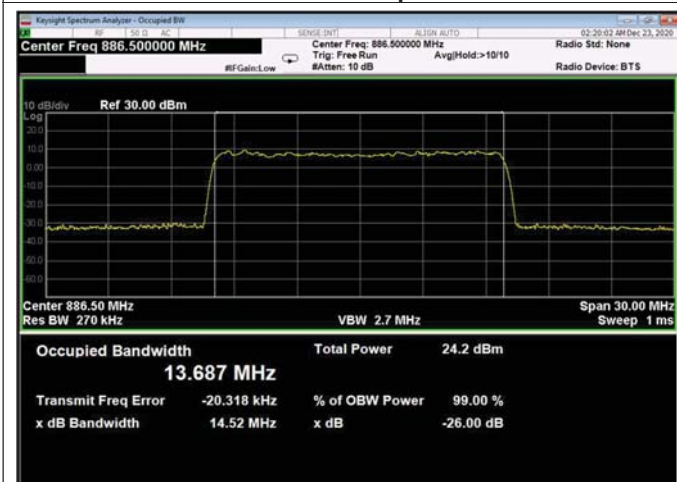


Figure 492: QPSK 15MHz B.W.; 886.5MHz, 30kHz - Output

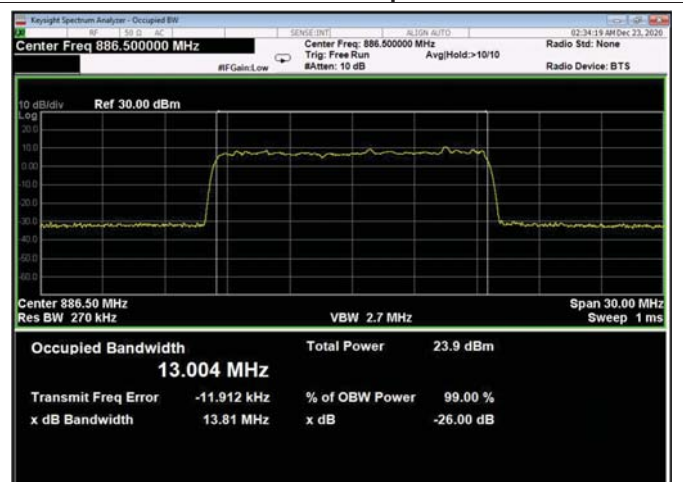


Figure 493: QPSK 15MHz B.W.; 886.5MHz, 60kHz - Output

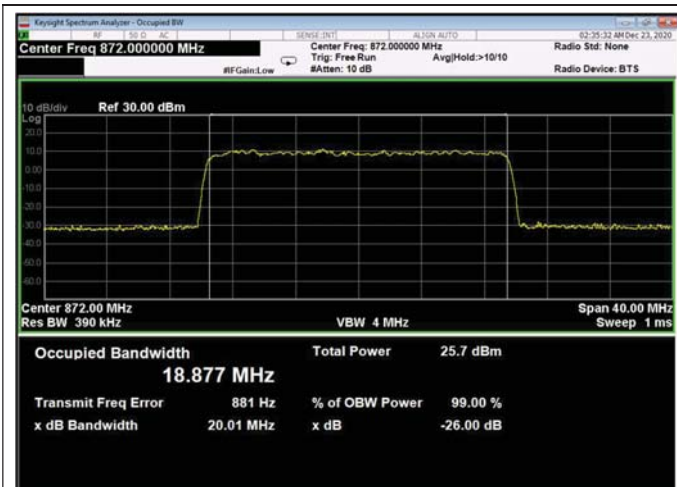


Figure 494: QPSK 20MHz B.W.; 872.0MHz, 15kHz - Output

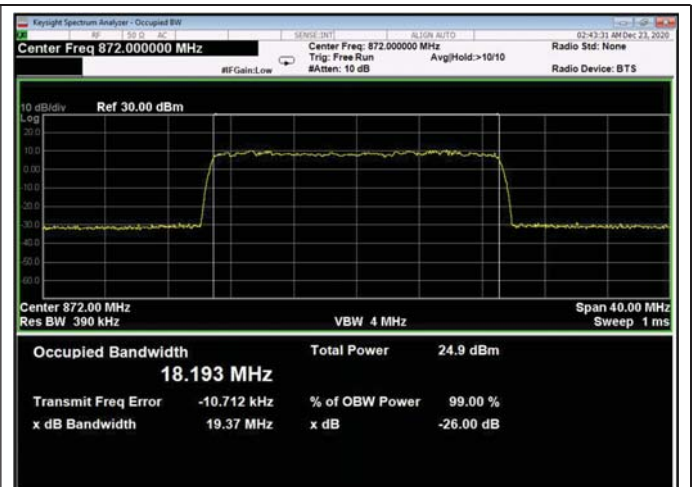


Figure 495: QPSK 20MHz B.W.; 872.05MHz, 30kHz - Output

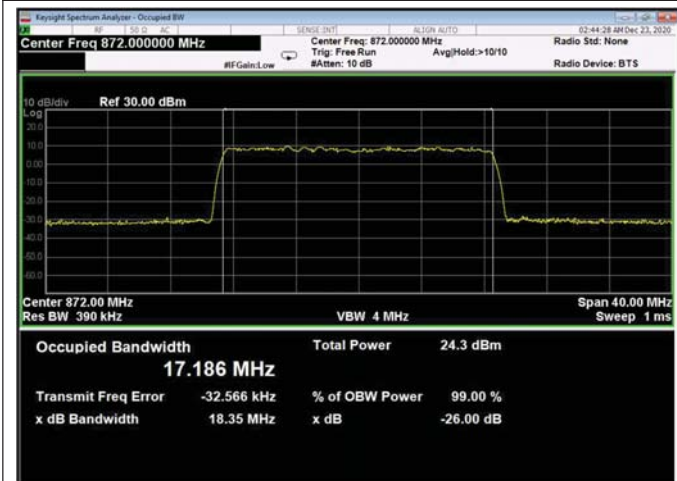


Figure 496: QPSK 20MHz B.W.; 872.0MHz, 60kHz - Output

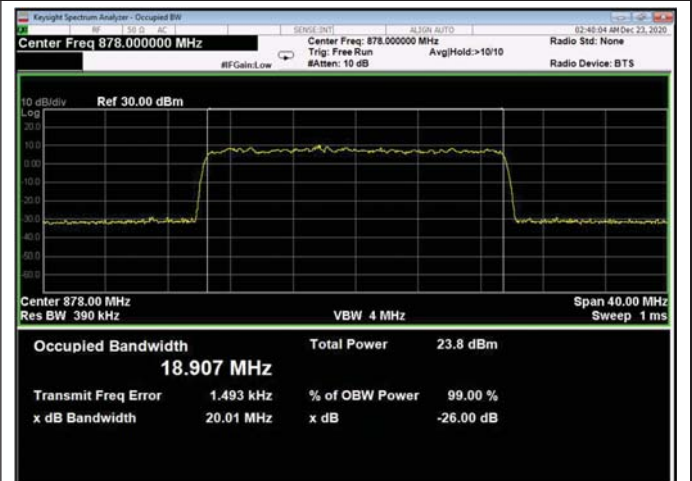


Figure 497: QPSK 20MHz B.W.; 878.0MHz, 15kHz - Output

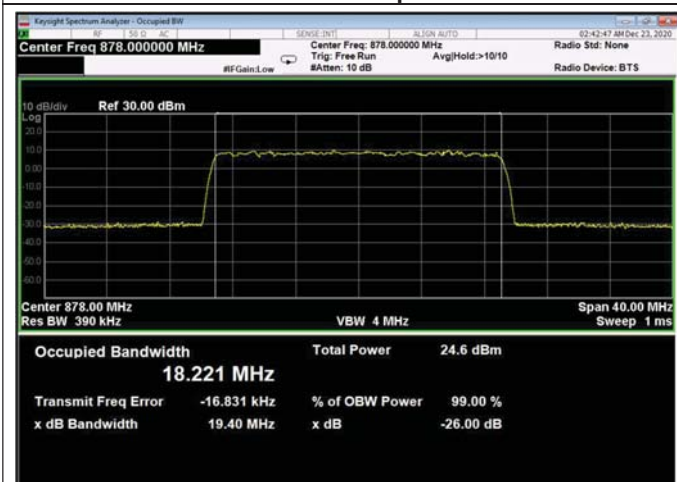


Figure 498: QPSK 20MHz B.W.; 878.0MHz, 30kHz - Output

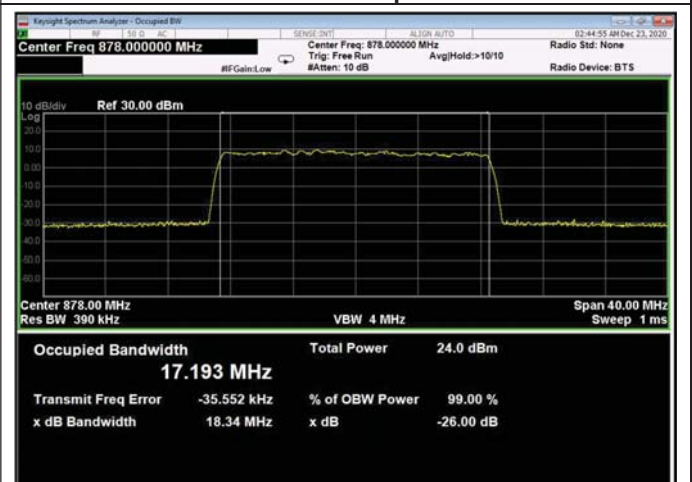


Figure 499: QPSK 20MHz B.W.; 878.0MHz, 60kHz - Output

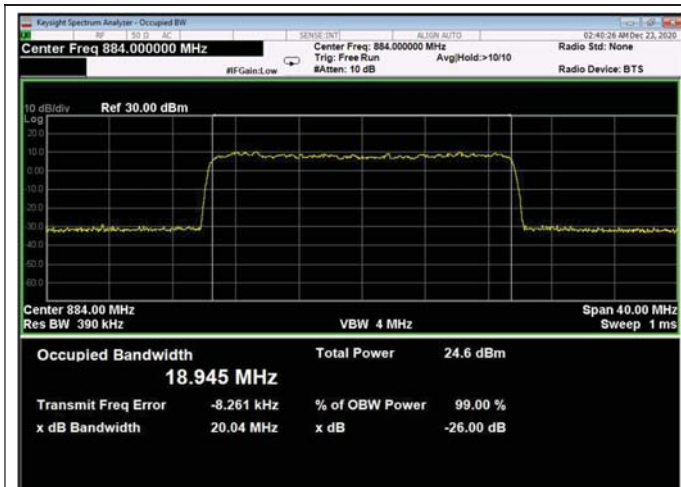


Figure 500: QPSK 20MHz B.W.; 884.0MHz, 15kHz - Output

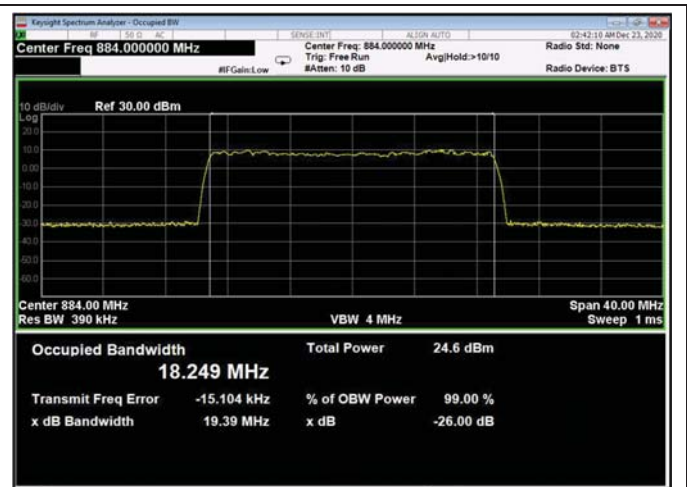


Figure 501: QPSK 20MHz B.W.; 884.0MHz, 30kHz - Output

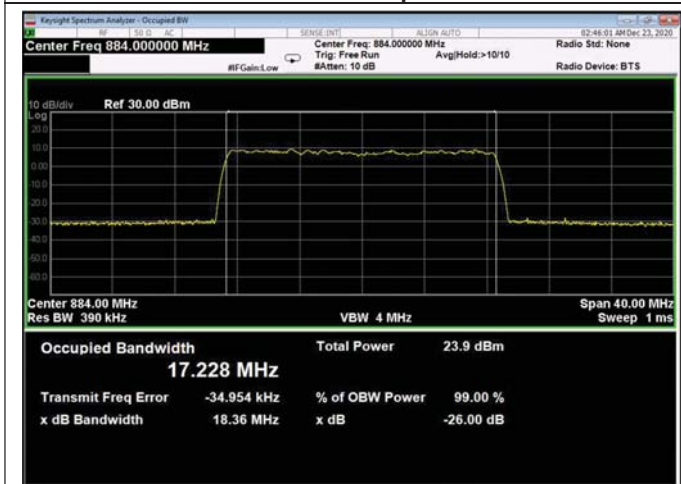


Figure 502: QPSK 20MHz B.W.; 884.0MHz, 60kHz - Output

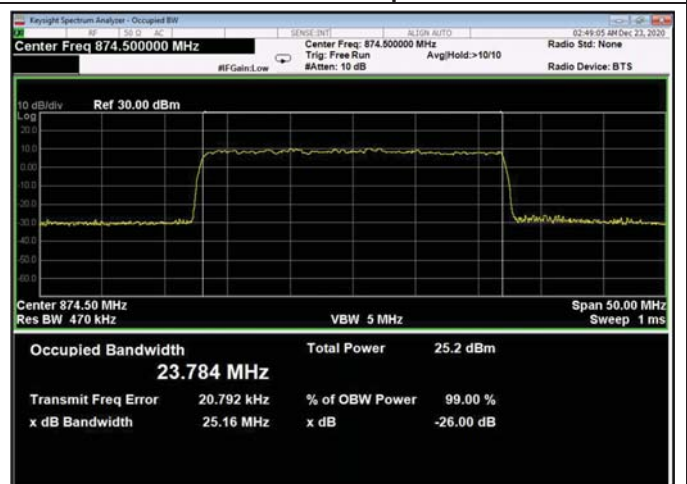


Figure 503: QPSK 25MHz B.W.; 874.5MHz, 15kHz - Output



Figure 504: QPSK 25MHz B.W.; 874.5MHz, 30kHz - Output

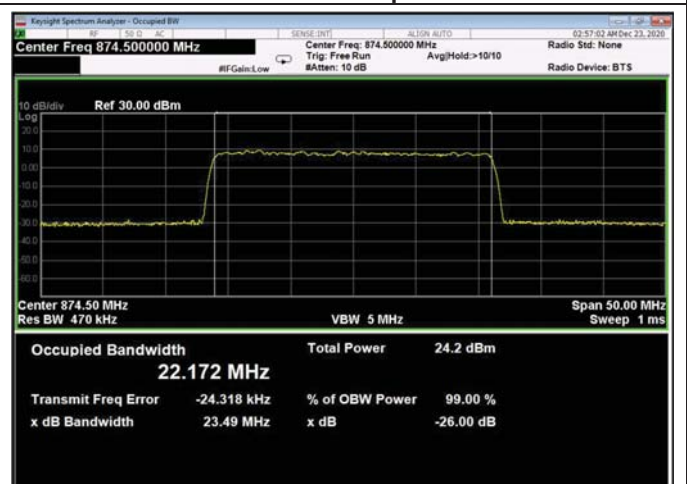


Figure 505: QPSK 25MHz B.W.; 874.5MHz, 60kHz - Output

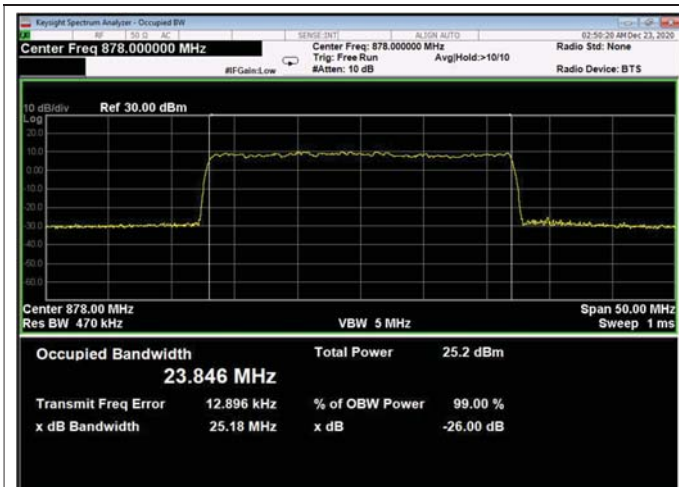


Figure 506: QPSK 25MHz B.W.; 878.0MHz, 15kHz - Output

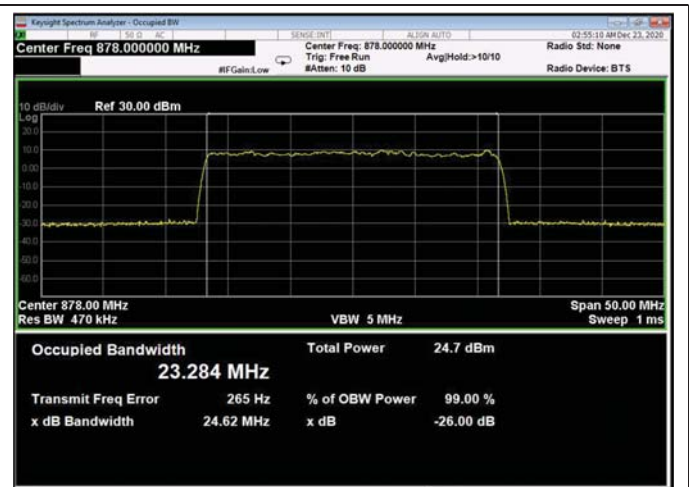


Figure 507: QPSK 25MHz B.W.; 878.0MHz, 30kHz - Output

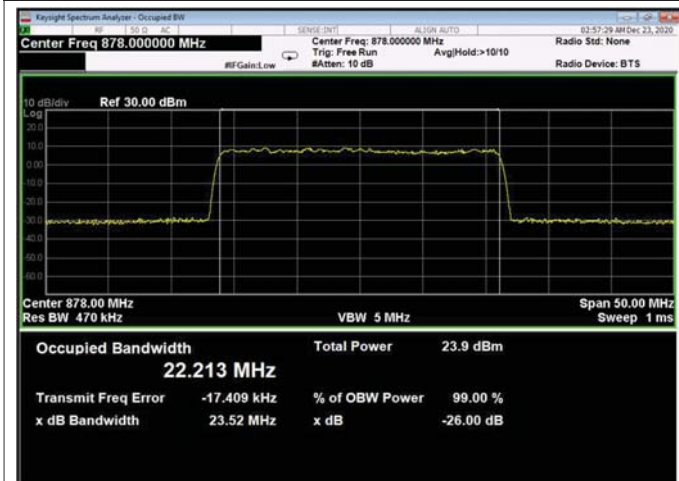


Figure 508: QPSK 25MHz B.W.; 878.0MHz, 60kHz - Output

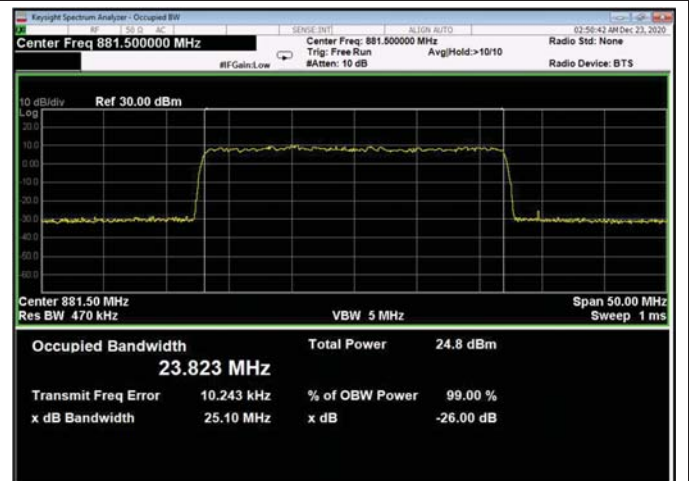


Figure 509: QPSK 25MHz B.W.; 881.5MHz, 15kHz - Output

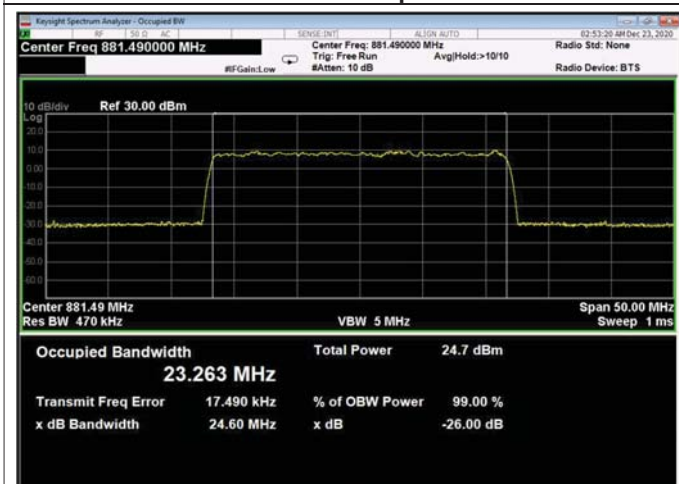


Figure 510: QPSK 25MHz B.W.; 881.5MHz, 30kHz - Output

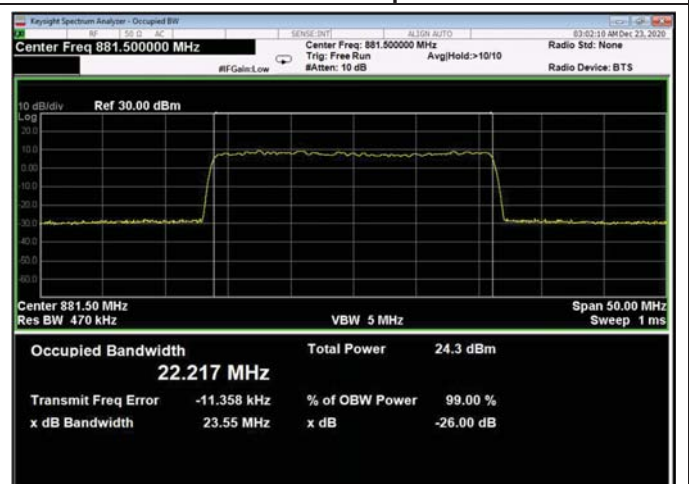


Figure 511: QPSK 25MHz B.W.; 881.5MHz, 60kHz - Output



### 5.5 Test Equipment Used; Occupied Bandwidth

Instrument	Manufacturer	Model	Serial Number	Calibration	
				Last Calibration Date	Next Calibration Due
EXA signal Analyzer	Agilent Technologies	N9010A	MY52220686	November 28, 2018	May 30, 2021
Vector Signal Generator	R&S	SMBV100B	1423.1003K02-101470-XE	October 2, 2019	October 2, 2022
40 dB Attenuator	Weinschel	WA 39-40-33	A1323	July 7, 2020	July 31, 2021
RF Cable	Huber Suner	Sucofelex	27504/4PEA	August 23, 2020	August 31, 2021

Table 14 Test Equipment Used



## 6 Spurious Emissions at Antenna Terminals

### 6.1 Test Specification

FCC Part 27, Subpart C, Sections 27.53(c)(1) (3) 27.53 (g)

### 6.2 Test Procedure

(Temperature (22°C)/ Humidity (50%RH))

The E.U.T. antenna terminal was connected to the spectrum analyzer through an external attenuator and an appropriate coaxial cable (max loss 42.0 dB).

The evaluation was performed in the frequency band from 9.0kHz-10.0GHz.

### 6.3 Test Limit

The power of any emission outside of the authorized operating frequency ranges (862 - 894 MHz) must be attenuated below the transmitting power (P) by a factor of at least  $43 + \log(P)$  dB, yielding  $-13\text{dBm}$ .

### 6.4 Test Results

JUDGEMENT: Passed

See additional information in *Figure 512* to *Figure 679*.