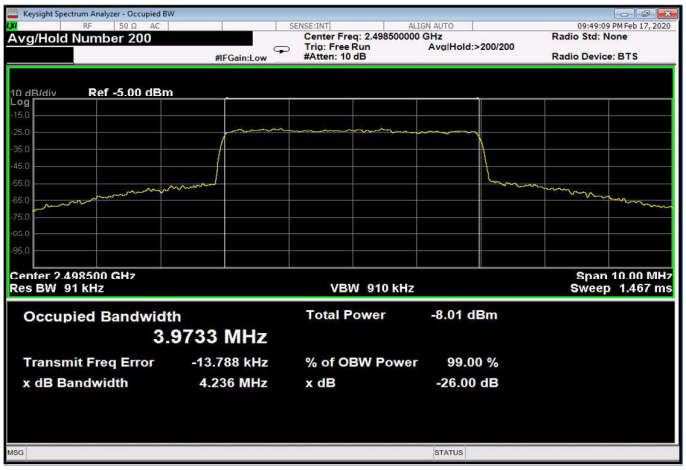

Figure 392: 256QAM 5MHz B.W.; 2498.5MHz, 15kHz Output

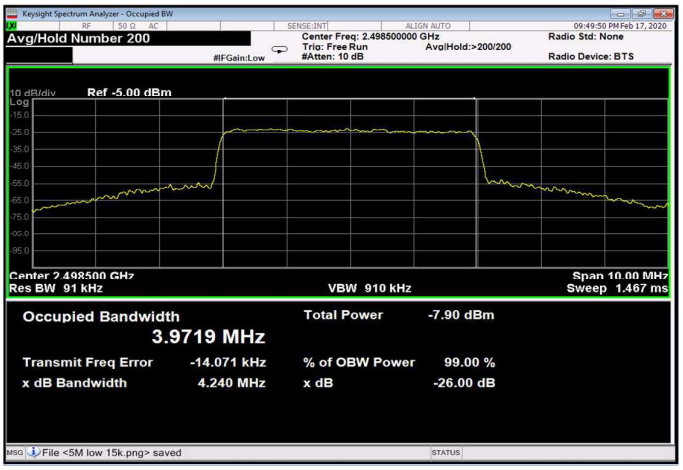

Figure 393: 256QAM 5MHz B.W.; 2498.5MHz, 30kHz Output

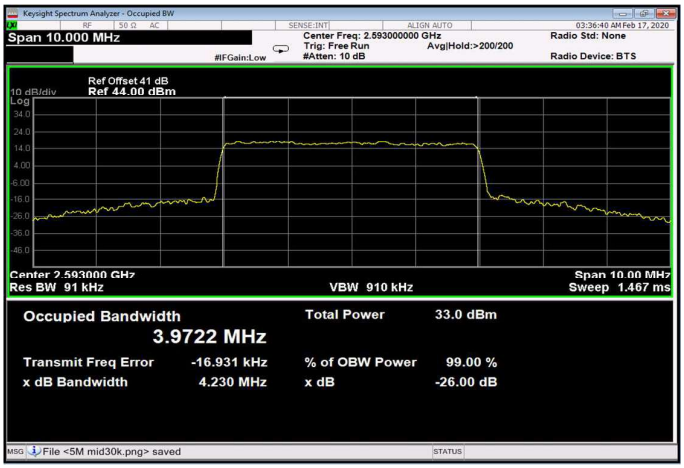

Figure 394: 256QAM 5MHz B.W.; 2593.0MHz, 15kHz Output

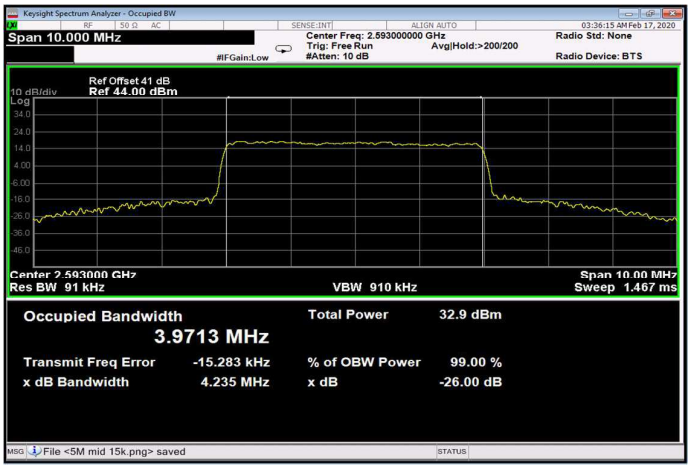

Figure 395: 256QAM 5MHz B.W.; 2593.0MHz, 30kHz Output

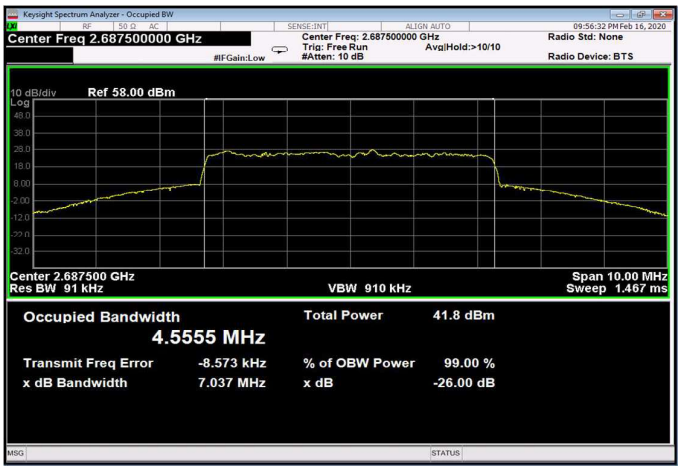

Figure 396: 256QAM 5MHz B.W.; 2687.5MHz, 15kHz Output

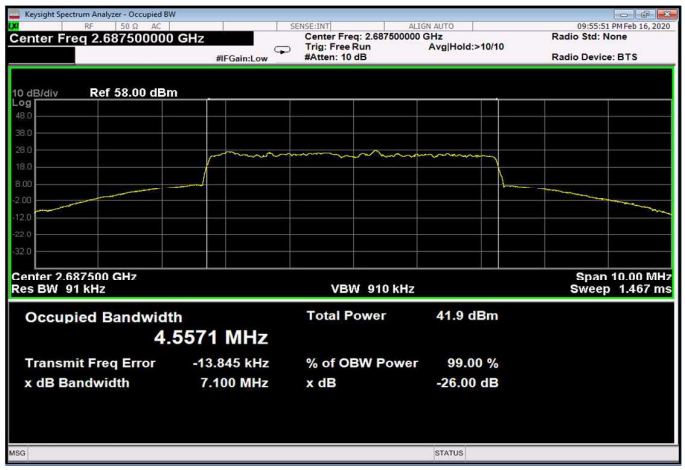

Figure 397: 256QAM 5MHz B.W.; 2687.5MHz, 30kHz Output

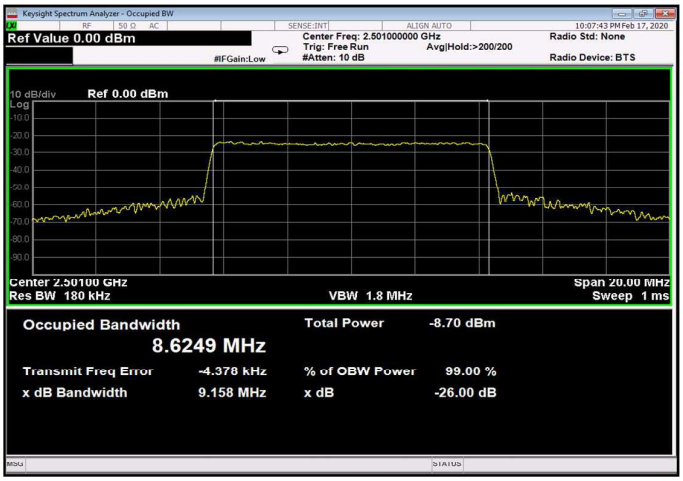

Figure 398: 256QAM 10MHz B.W.; 2501.0MHz, 15kHz Output

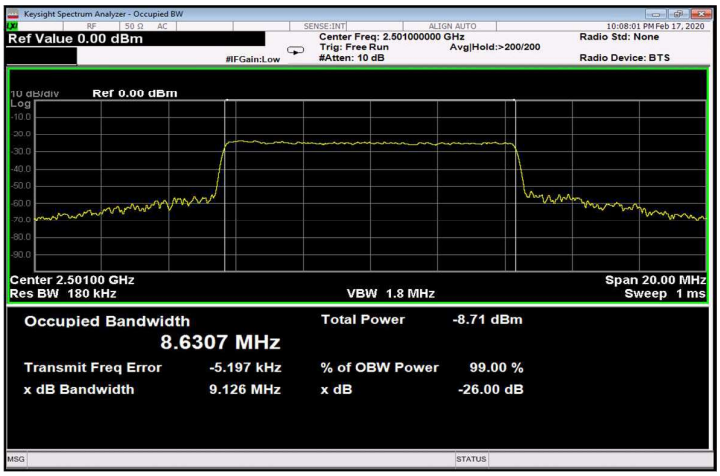

Figure 399: 256QAM 10MHz B.W.; 2501.0MHz, 30kHz Output

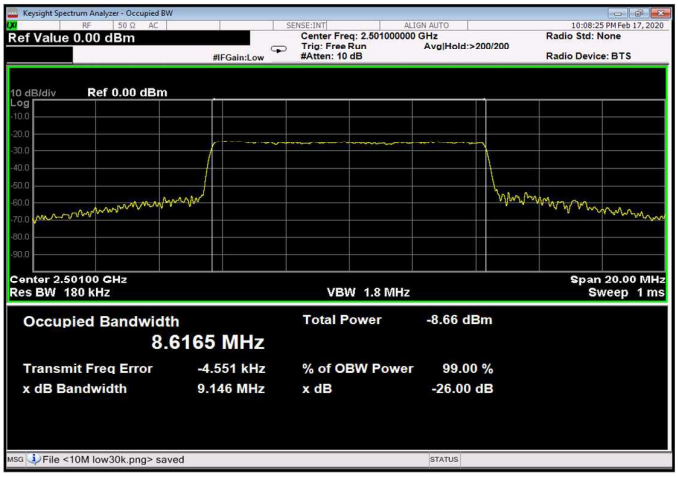

Figure 400: 256QAM 10MHz B.W.; 2501.0MHz, 60kHz Output

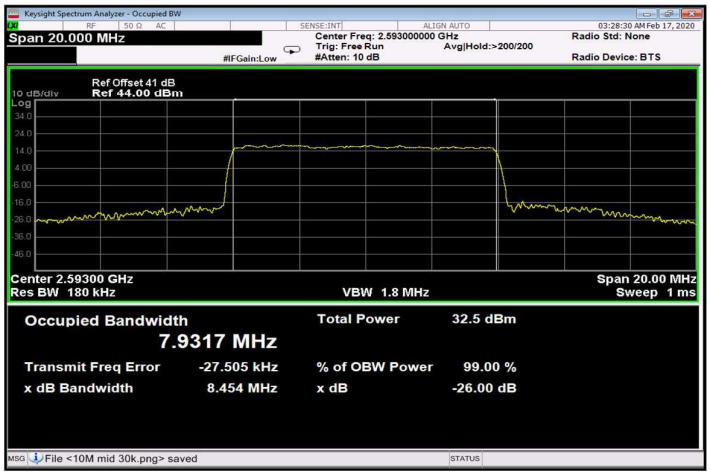

Figure 401: 256QAM 10MHz B.W.; 2593.0MHz, 15kHz Output

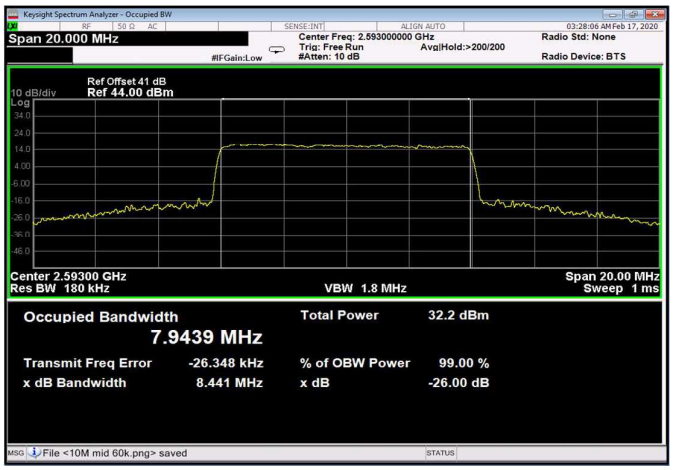

Figure 402: 256QAM 10MHz B.W.; 2593.0MHz, 30kHz Output

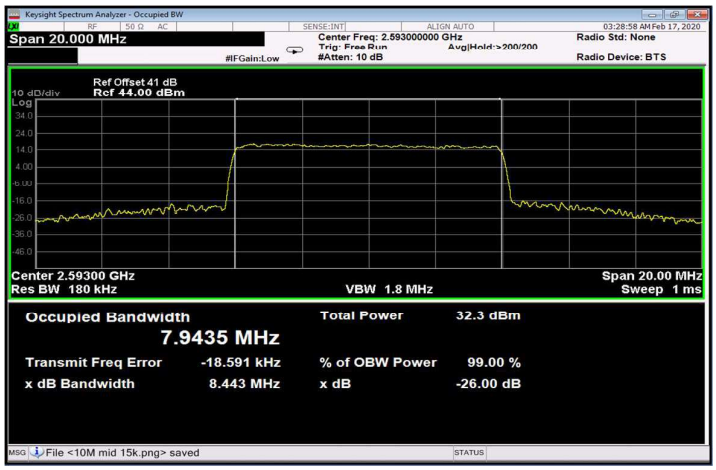

Figure 403: 256QAM 10MHz B.W.; 2593.0MHz, 60kHz Output

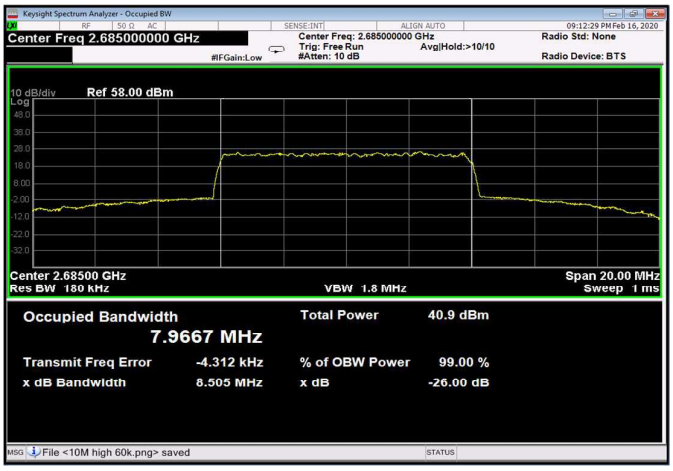

Figure 404: 256QAM 10MHz B.W.; 2685.0MHz, 15kHz Output

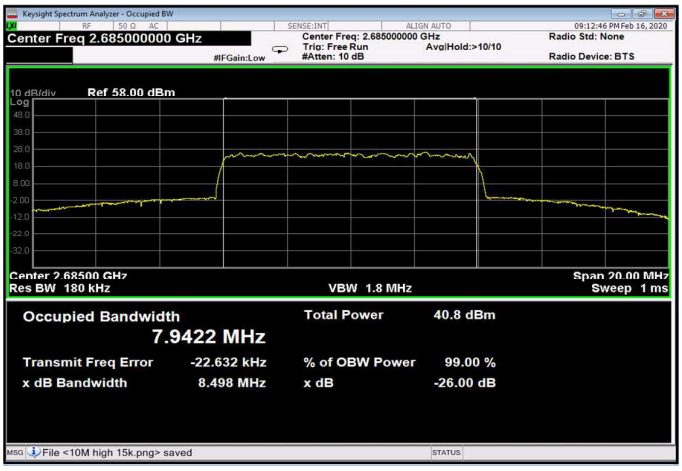

Figure 405: 256QAM 10MHz B.W.; 2685.0MHz, 30kHz Output

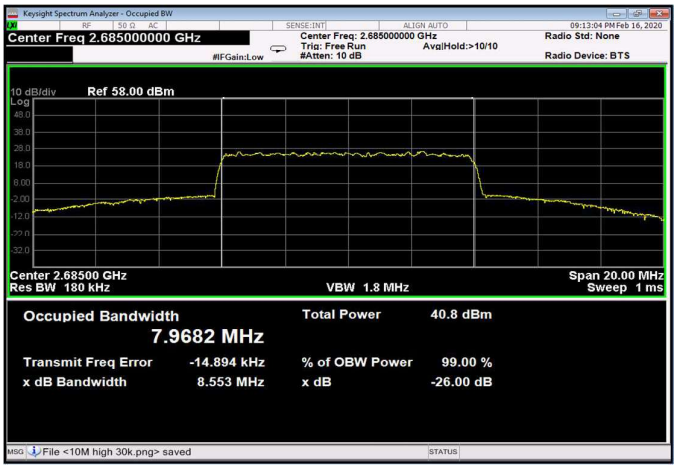

Figure 406: 256QAM 10MHz B.W.; 2685.0MHz, 60kHz Output

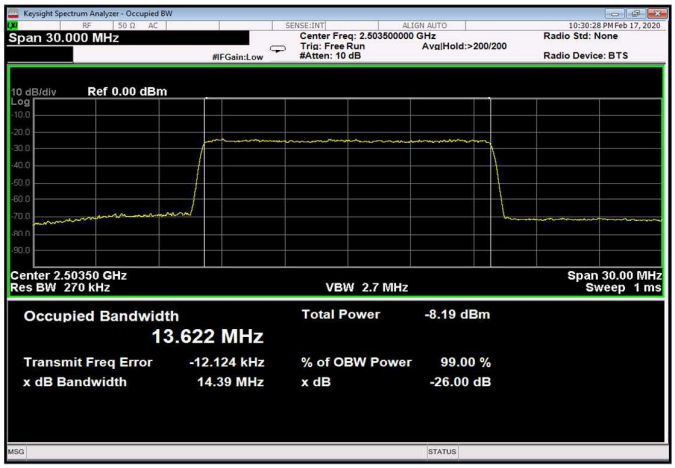

Figure 407: 256QAM 15MHz B.W.; 2503.5MHz, 15kHz Output

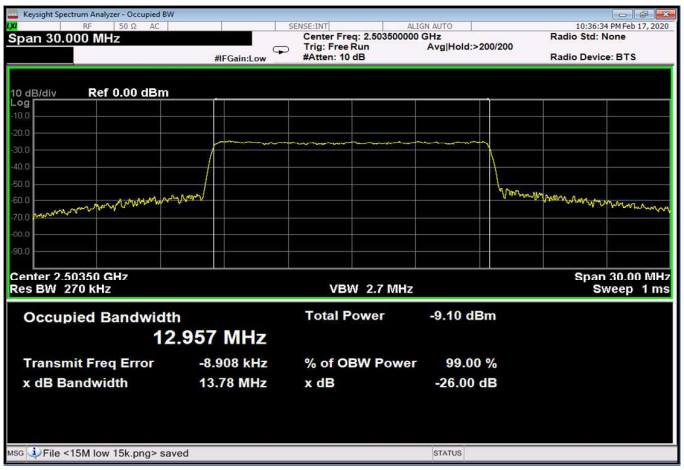

Figure 408: 256QAM 15MHz B.W.; 2503.5MHz, 30kHz Output

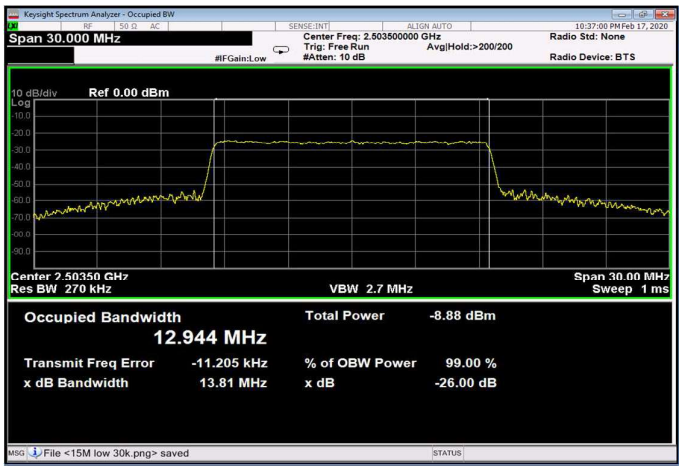

Figure 409: 256QAM 15MHz B.W.; 2503.5MHz, 60kHz Output

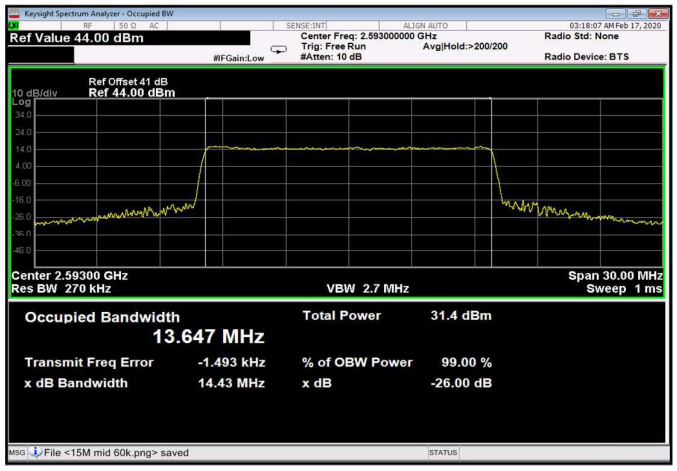

Figure 410: 256QAM 15MHz B.W.; 2593.0MHz, 15kHz Output

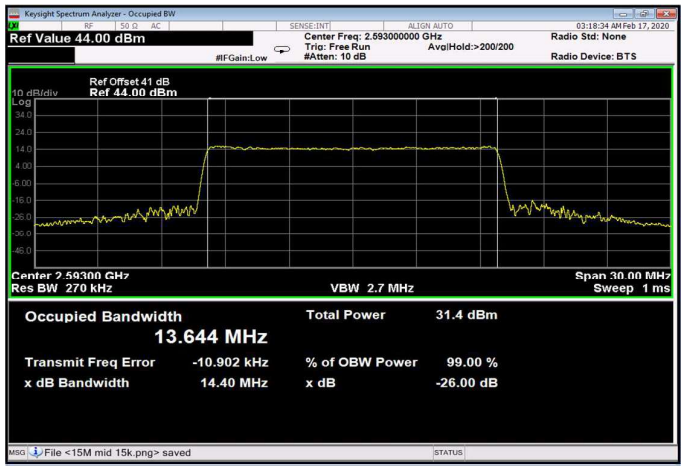

Figure 411: 256QAM 15MHz B.W.; 2593.0MHz, 30kHz Output

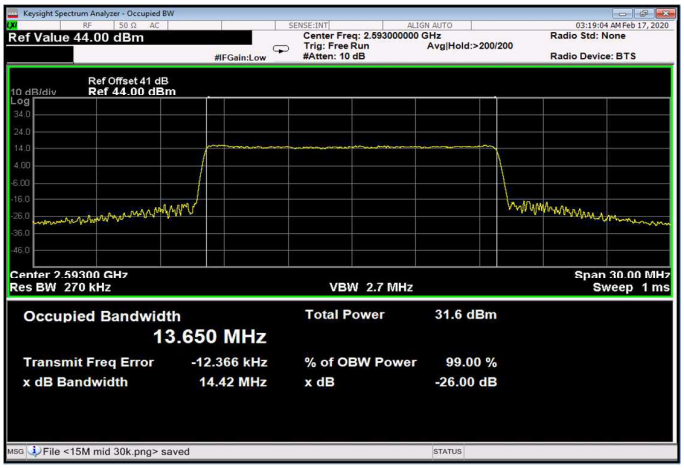

Figure 412: 256QAM 15MHz B.W.; 2593.0MHz, 60kHz Output

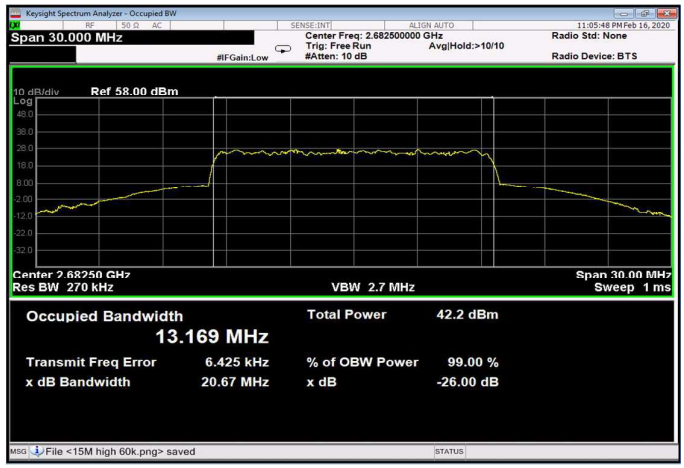

Figure 413: 256QAM 15MHz B.W.; 2682.5MHz, 15kHz Output

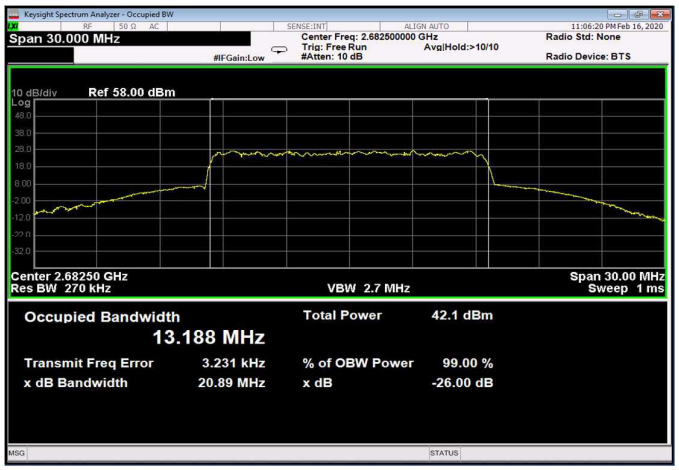

Figure 414: 256QAM 15MHz B.W.; 2682.5MHz, 30kHz Output

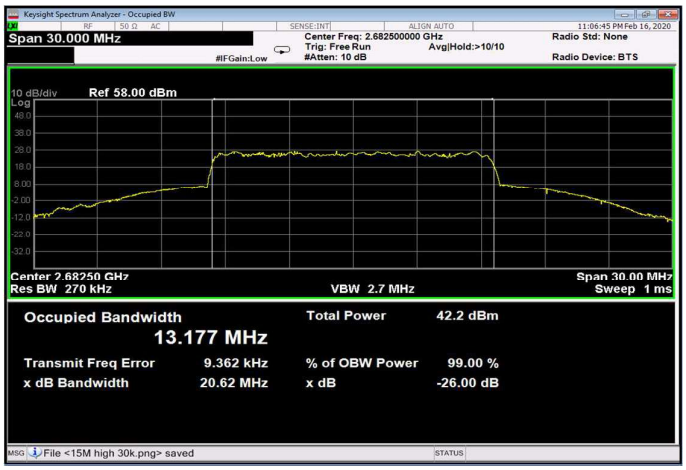

Figure 415: 256QAM 15MHz B.W.; 2682.5MHz, 60kHz Output

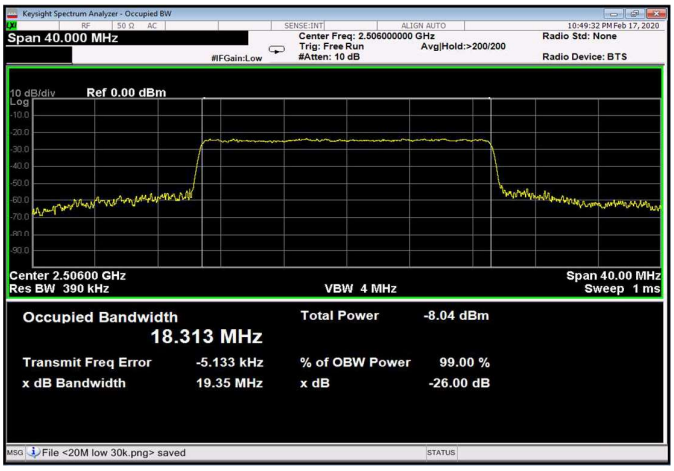

Figure 416: 256QAM 20MHz B.W.; 2506.0MHz, 15kHz Output

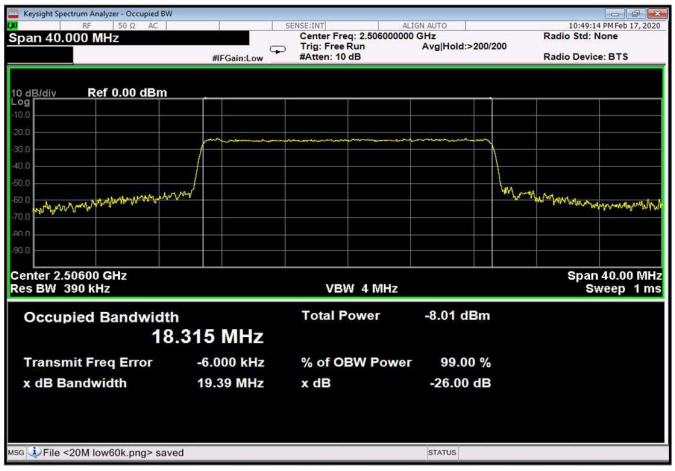

Figure 417: 256QAM 20MHz B.W.; 2506.0MHz, 30kHz Output

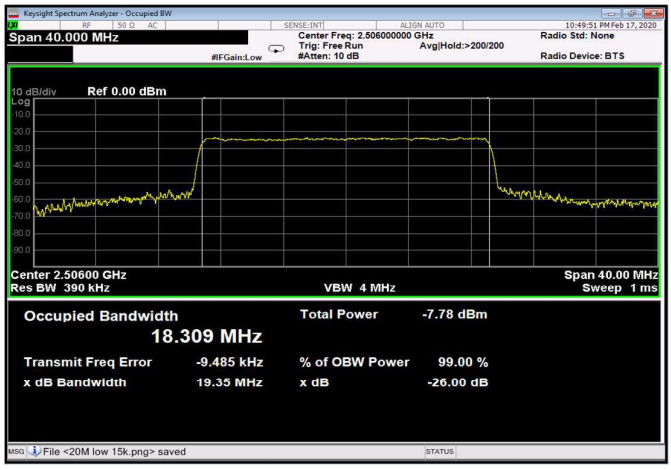

Figure 418: 256QAM 20MHz B.W.; 2506.0MHz, 60kHz Output

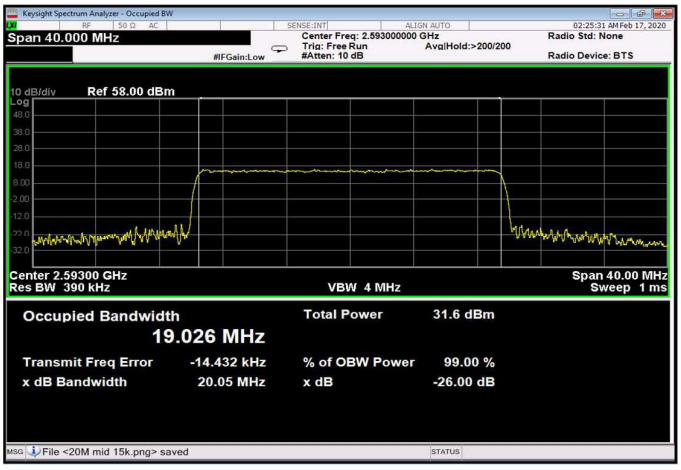

Figure 419: 256QAM 20MHz B.W.; 2593.0MHz, 15kHz Output

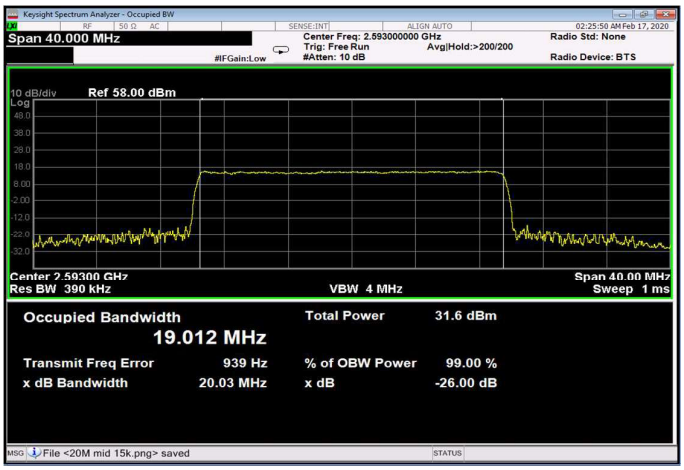

Figure 420: 256QAM 20MHz B.W.; 2593.0MHz, 30kHz Output

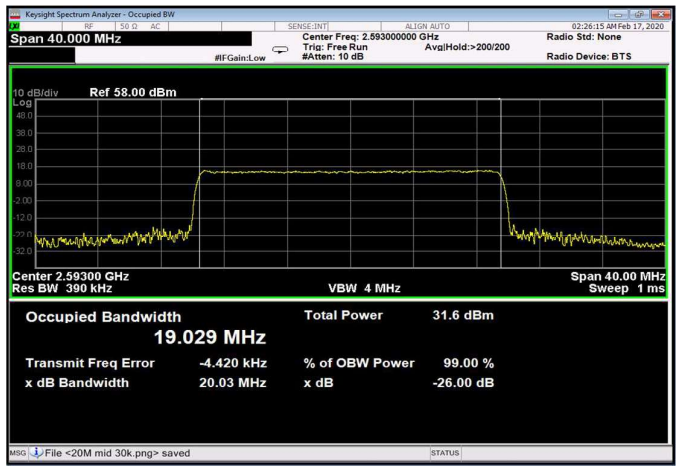

Figure 421: 256QAM 20MHz B.W.; 2593.0MHz, 60kHz Output

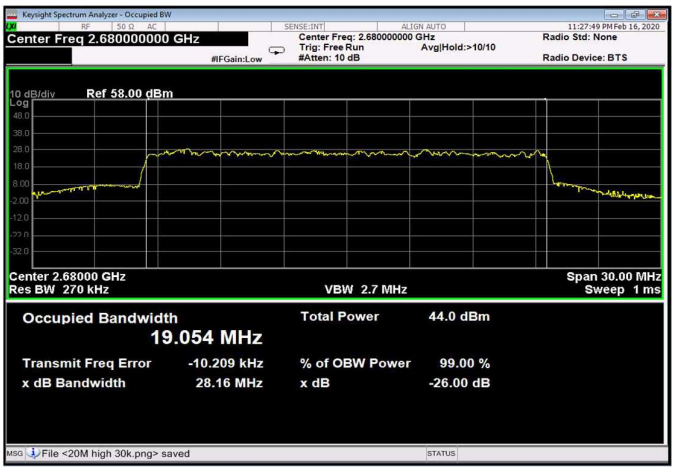

Figure 422: 256QAM 20MHz B.W.; 2680.0MHz, 15kHz Output

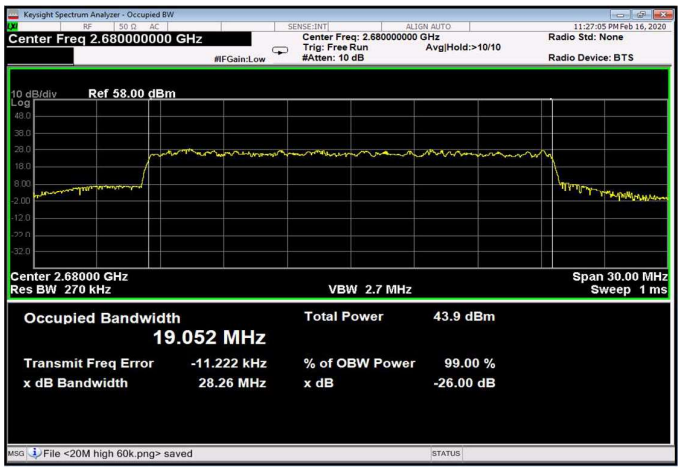

Figure 423: 256QAM 20MHz B.W.; 2680.0MHz, 30kHz Output

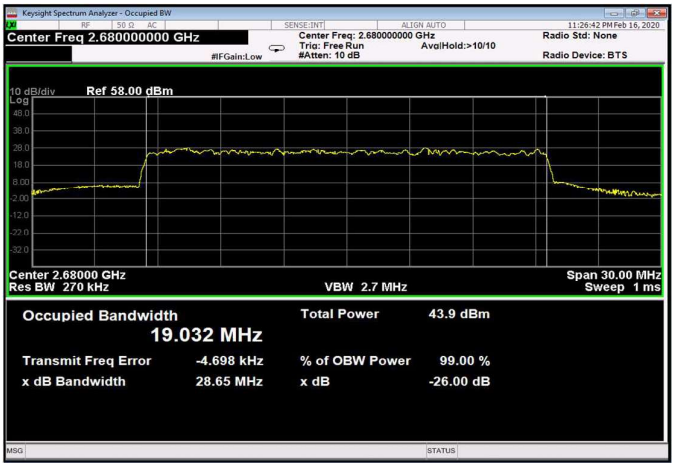

Figure 424: 256QAM 20MHz B.W.; 2680.0MHz, 60kHz Output

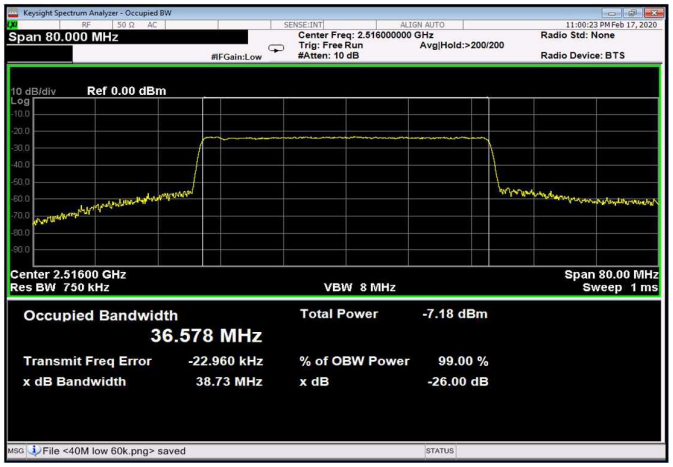

Figure 425: 256QAM 40MHz B.W.; 2516.0MHz, 15kHz Output

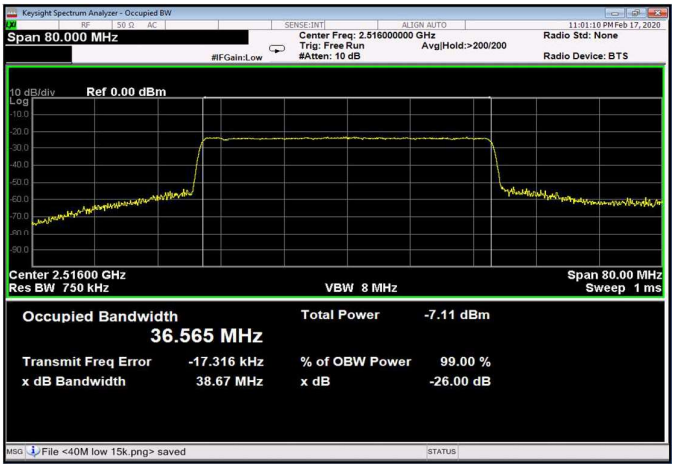

Figure 426: 256QAM 40MHz B.W.; 2516.0MHz, 30kHz Output

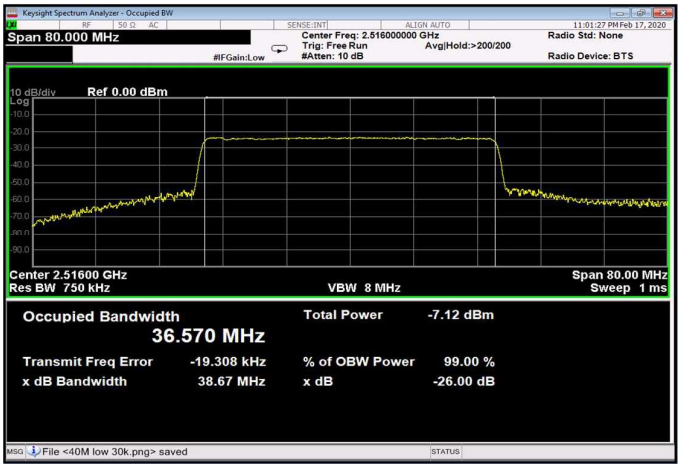

Figure 427: 256QAM 40MHz B.W.; 2516.0MHz, 60kHz Output

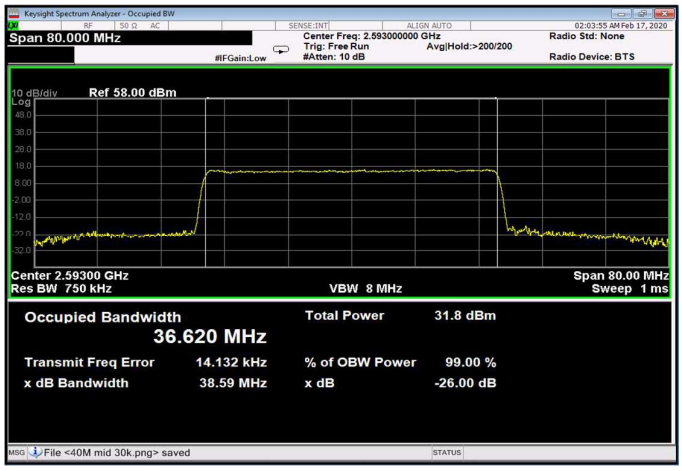

Figure 428: 256QAM 40MHz B.W.; 2593.0MHz, 15kHz Output

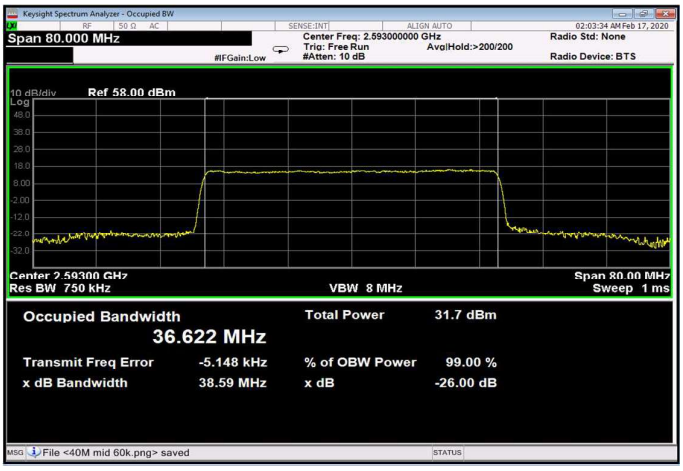

Figure 429: 256QAM 40MHz B.W.; 2593.0MHz, 30kHz Output

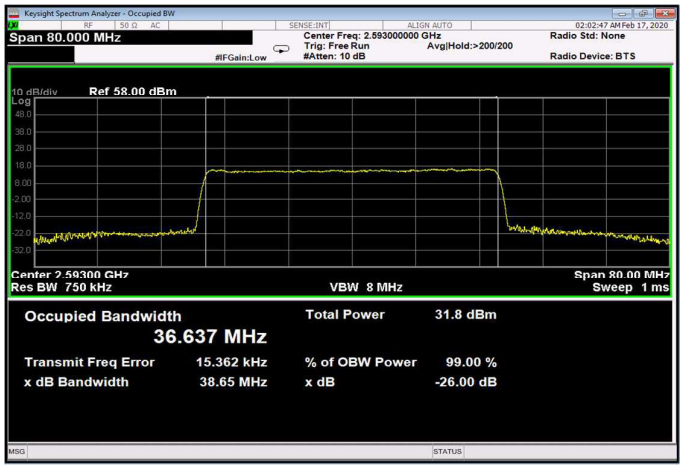

Figure 430: 256QAM 40MHz B.W.; 2593.0MHz, 60kHz Output

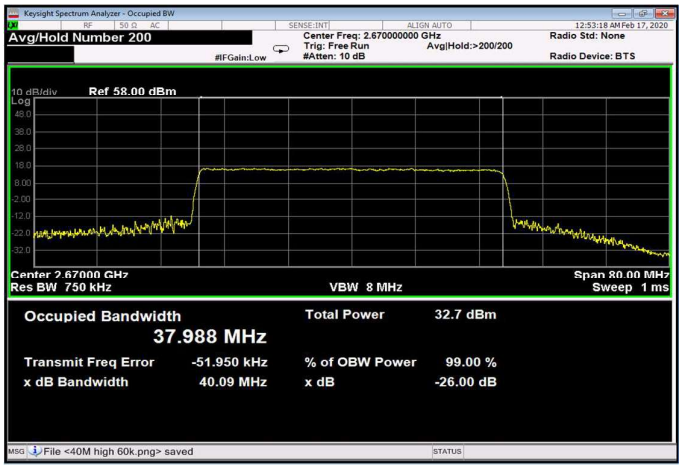

Figure 431: 256QAM 40MHz B.W.; 2670.0MHz, 15kHz Output

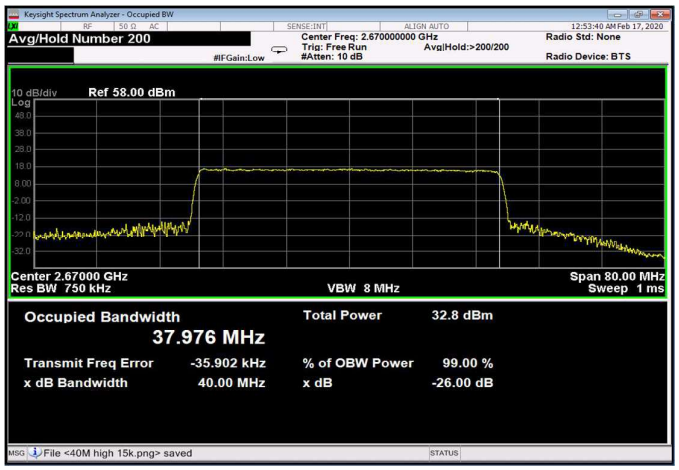

Figure 432: 256QAM 40MHz B.W.; 2670.0MHz, 30kHz Output

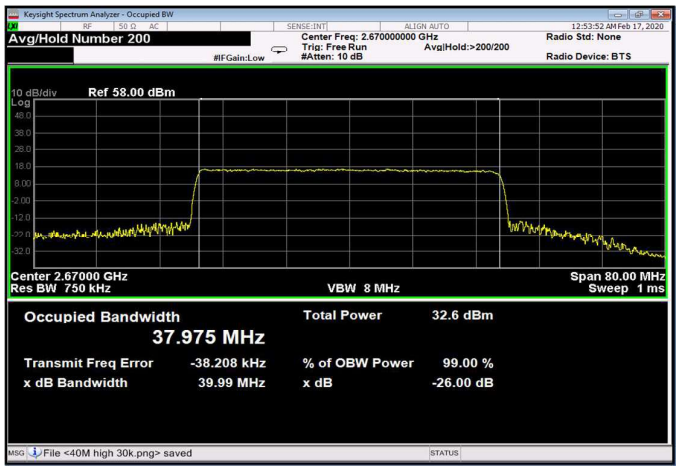

Figure 433: 256QAM 40MHz B.W.; 2670.0MHz, 60kHz Output

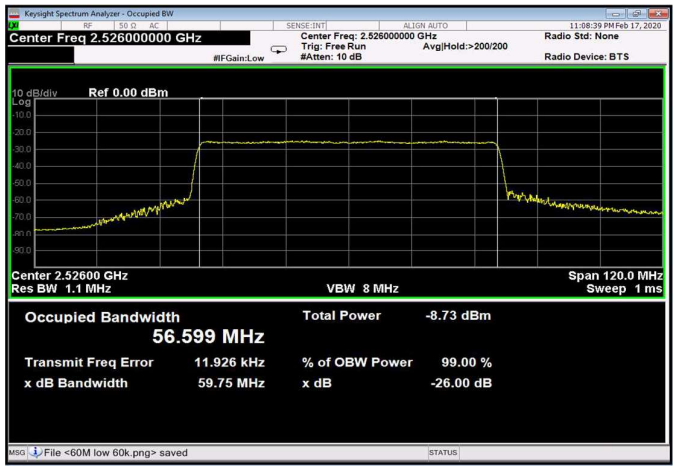

Figure 434: 256QAM 60MHz B.W.; 2526.0MHz, 30kHz Output

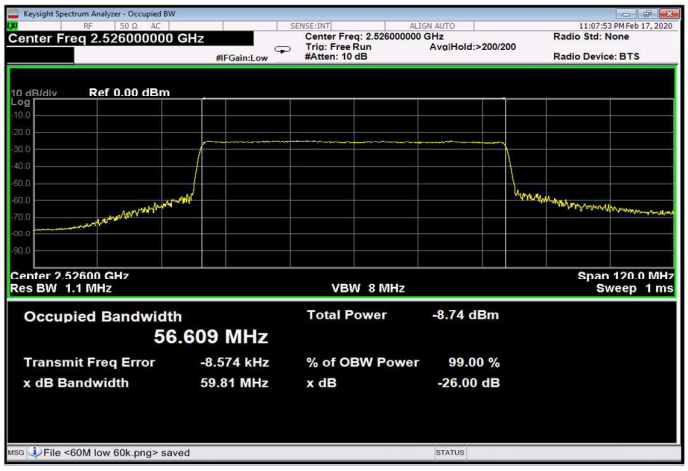

Figure 435: 256QAM 60MHz B.W.; 2526.0MHz, 60kHz Output

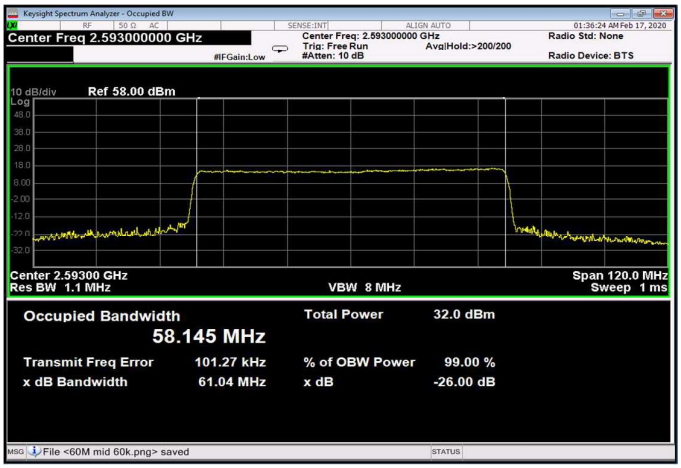

Figure 436: 256QAM 60MHz B.W.; 2593.0MHz, 30kHz Output

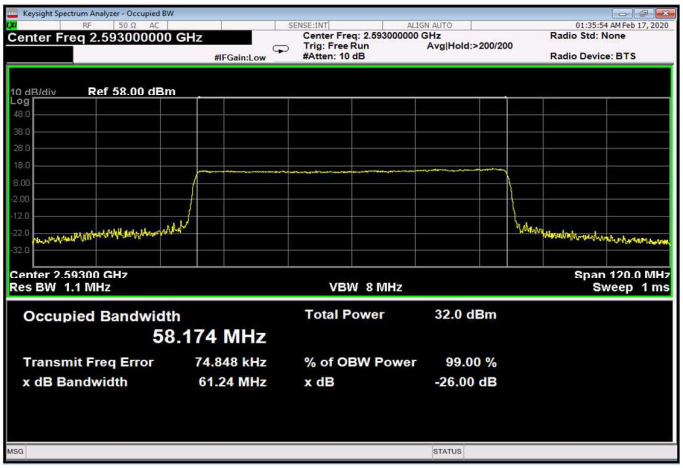

Figure 437: 256QAM 60MHz B.W.; 2593.0MHz, 60kHz Output

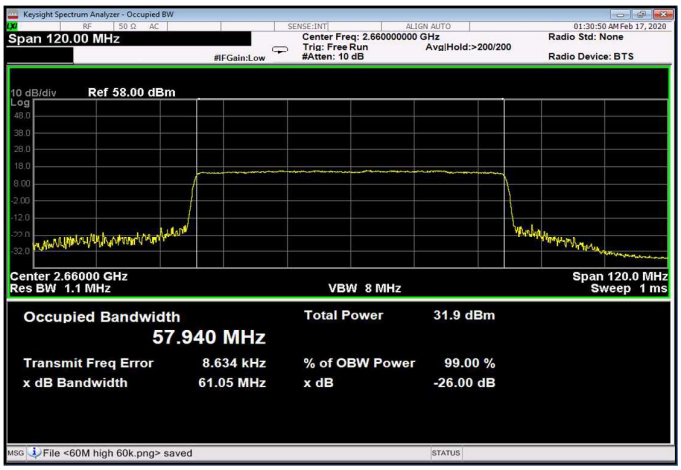

Figure 438: 256QAM 60MHz B.W.; 2660.0MHz, 30kHz Output

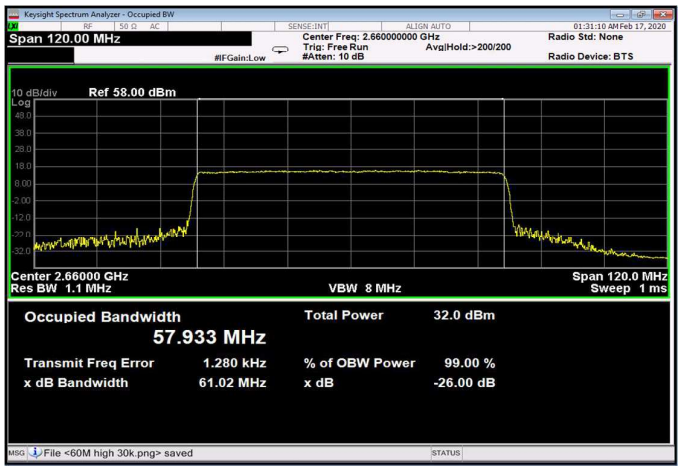

Figure 439: 256QAM 60MHz B.W.; 2660.0MHz, 60kHz Output

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	28 November 2018	28 November 2020
EXG Vector Signal Generator	Agilent Technologies	N5172B	MY51350437	03 December 2018	03 December 2020
20 dB Attenuator	Bird	8304-N20DB	-	24 December 2019	24 December 2020

Table 20 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 (36%RH))

The E.U.T. antenna terminal was connected to the spectrum analyzer through an external attenuator and an appropriate coaxial cable (max loss=20.8dB).

6.3 Test Limit

The power of any emission outside of the authorized operating frequency ranges (2496.0-2690.0 MHz) must be attenuated below the transmitting power (P) by a factor of 43+ 10 log (P) dB = -13 dBm.

6.4 Test Results

JUDGEMENT: Passed

See additional information in Figure 440 to Figure 583.

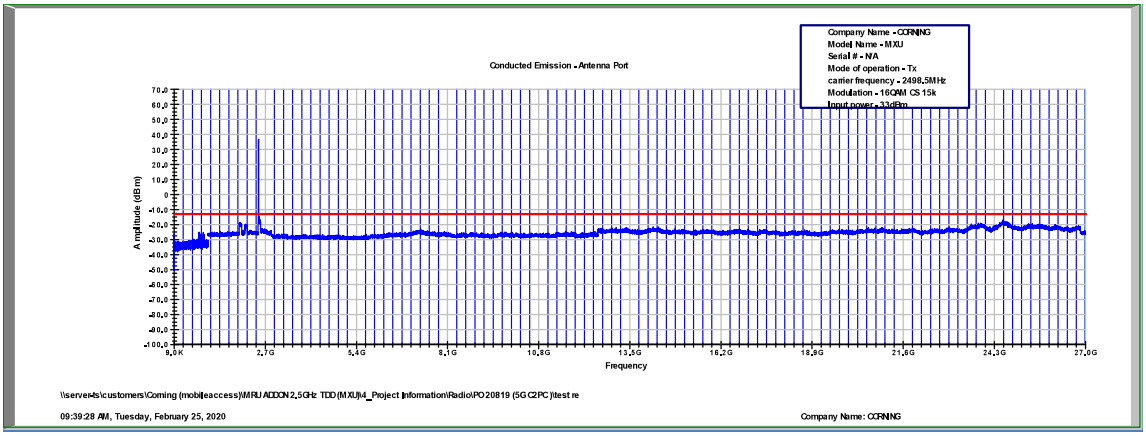

Figure 440: Spurious Emissions at Antenna Terminal 16QAM, 2498.5MHz, B.W. 5MHz, Sub Carrier 15kHz

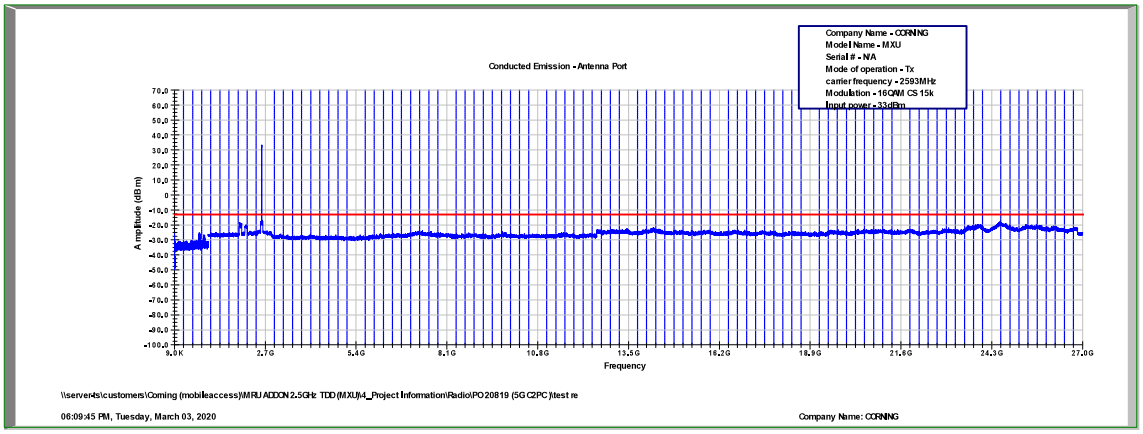

Figure 441: Spurious Emissions at Antenna Terminal 16QAM, 2593.0MHz, B.W. 5MHz, Sub Carrier 15kHz

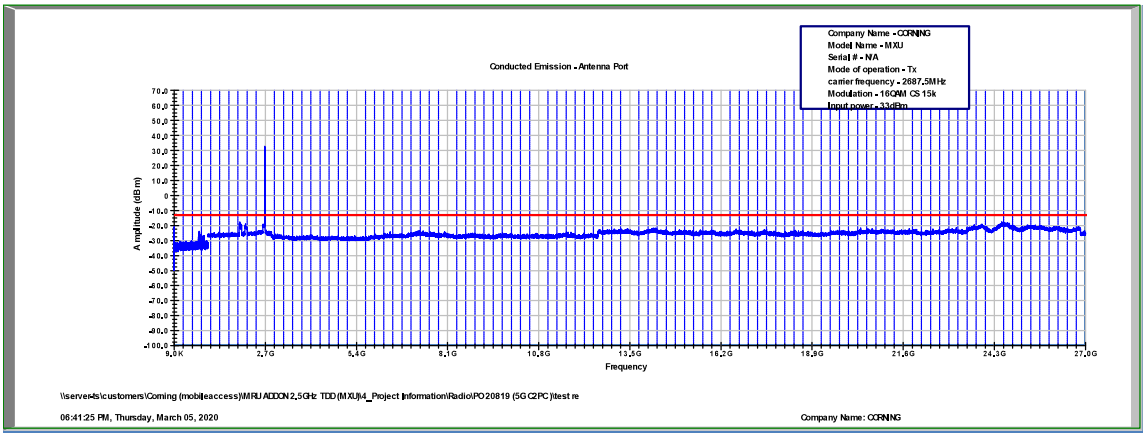

Figure 442: Spurious Emissions at Antenna Terminal 16QAM, 2687.5MHz, B.W. 5MHz, Sub Carrier 15kHz