

Figure 491: 16QAM 5MHz B.W; 619.5MHz, 15kHz Output

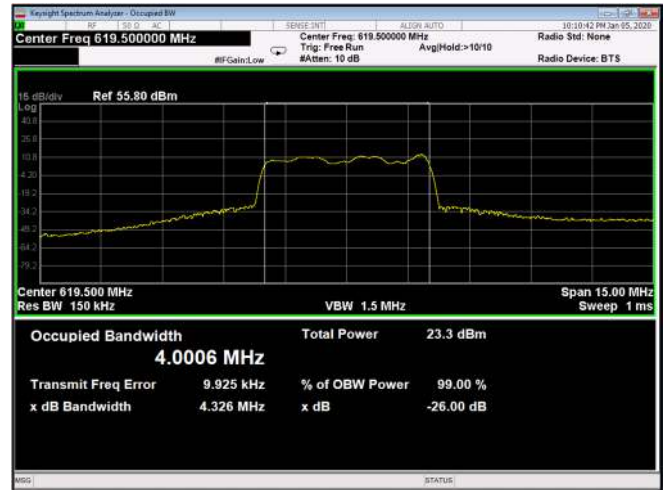


Figure 492: 16QAM 5MHz B.W; 619.5MHz, 30kHz Output

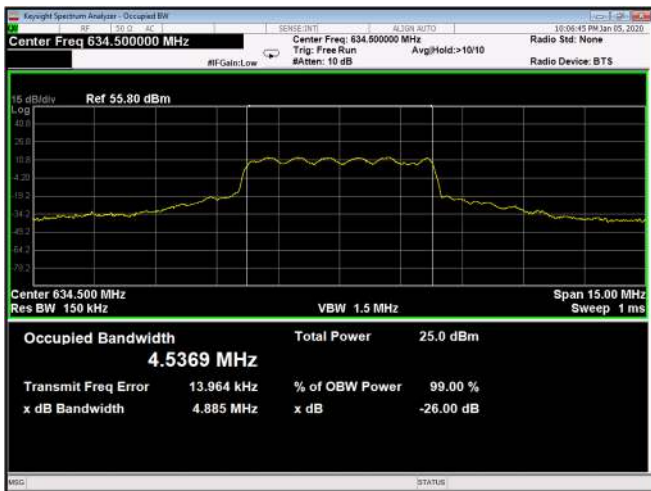


Figure 493: 16QAM 5MHz B.W; 634.5MHz, 15kHz Output

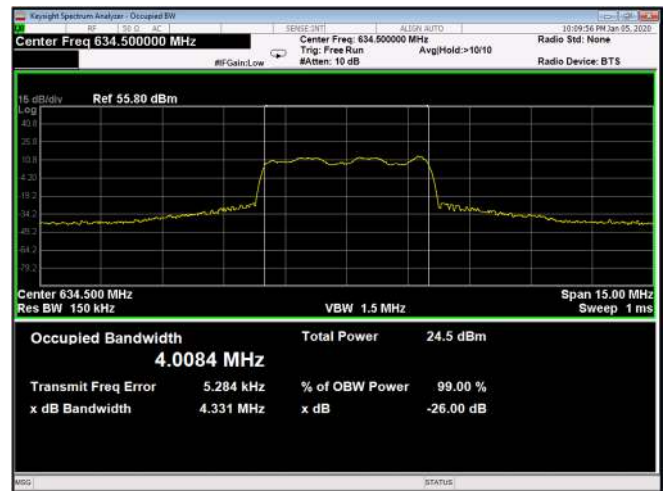


Figure 494: 16QAM 5MHz B.W; 634.5MHz, 30kHz Output

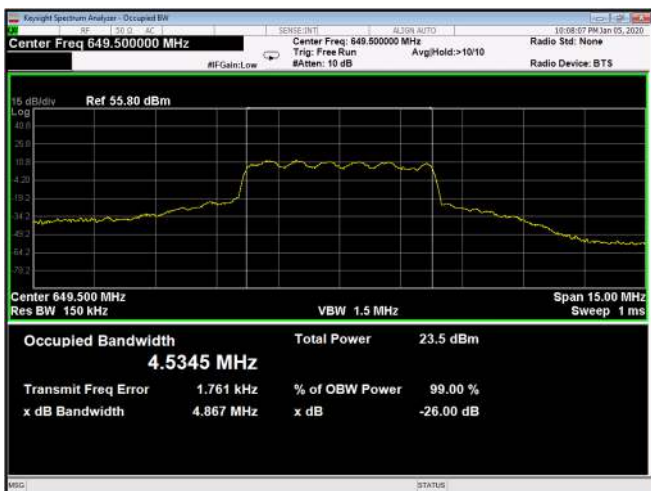


Figure 495: 16QAM 5MHz B.W; 649.5MHz, 15kHz Output

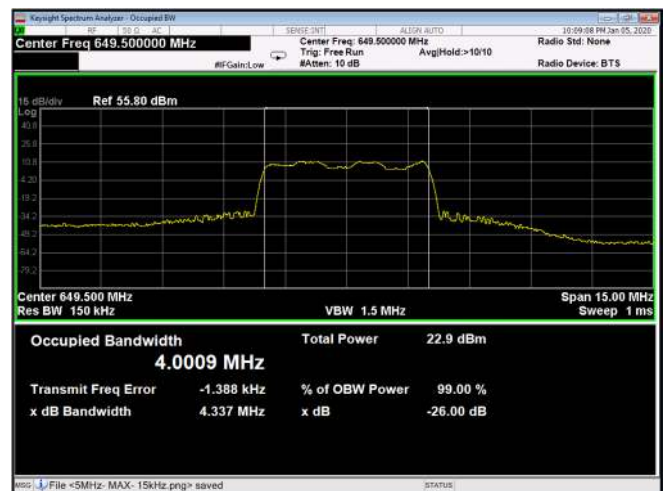


Figure 496: 16QAM 5MHz C.S; 649.5MHz, 30kHz Output

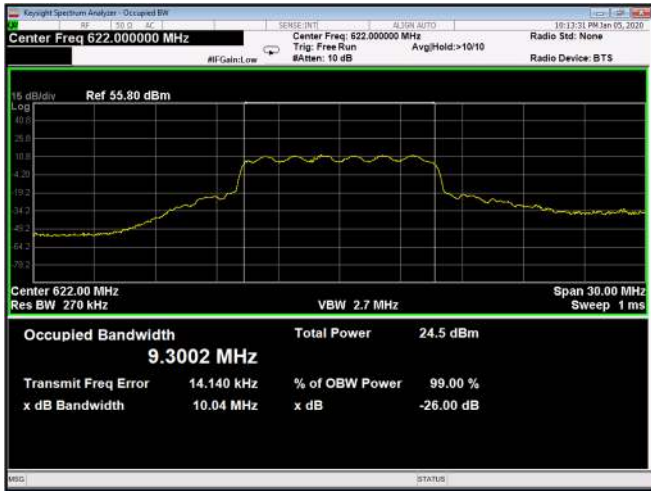


Figure 497: 16QAM 10MHz B.W; 622.0MHz, 15kHz Output

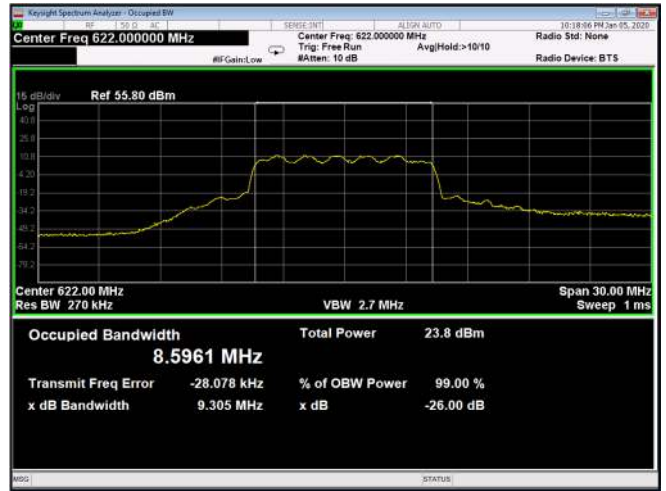


Figure 498: 16QAM 10MHz B.W; 622.0MHz, 30kHz Output

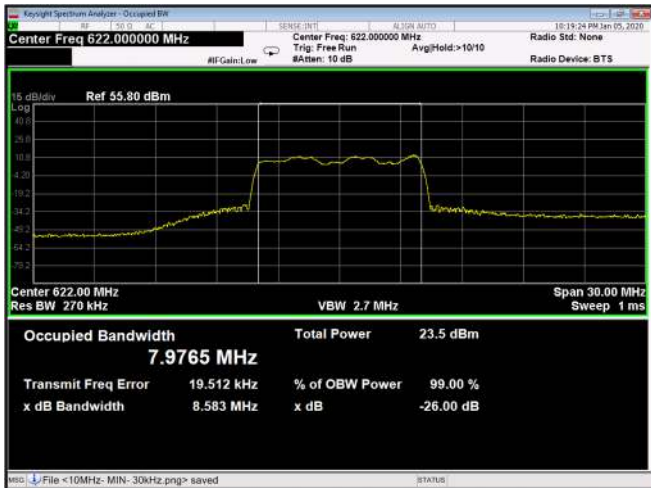


Figure 499: 16QAM 10MHz B.W; 622.0MHz, 60kHz Output

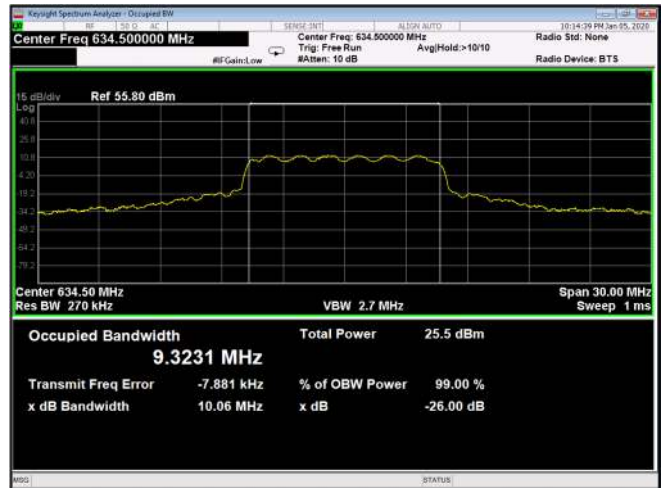


Figure 500: 16QAM 10MHz B.W; 634.5MHz, 15kHz Output



Figure 501: 16QAM 10MHz B.W; 634.5MHz, 30kHz Output

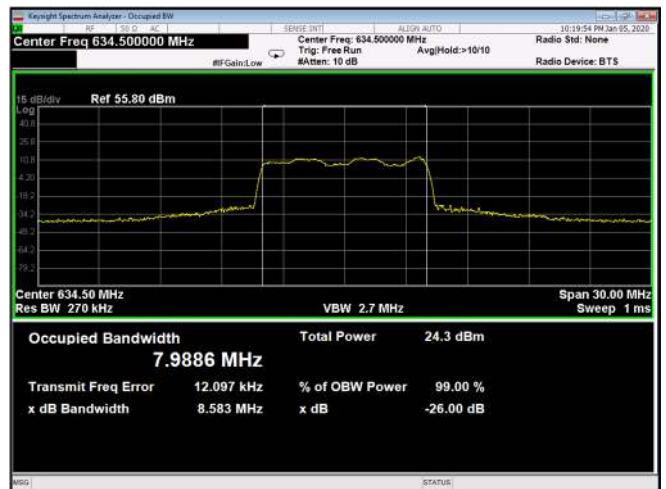


Figure 502: 16QAM 10MHz B.W; 634.5MHz, 60kHz Output

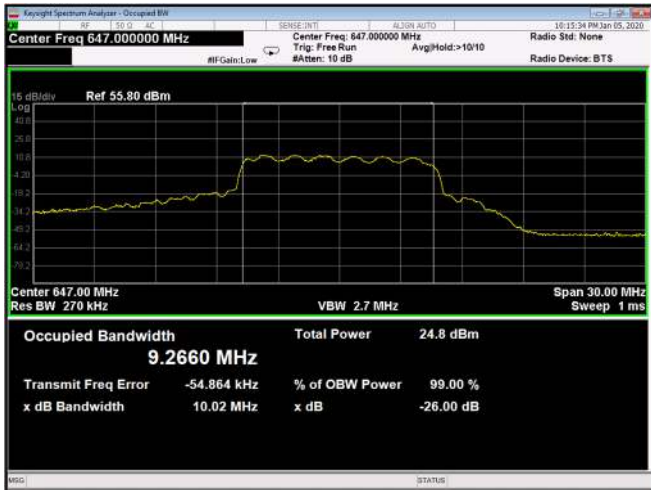


Figure 503: 16QAM 10MHz B.W; 647.0MHz, 15kHz Output

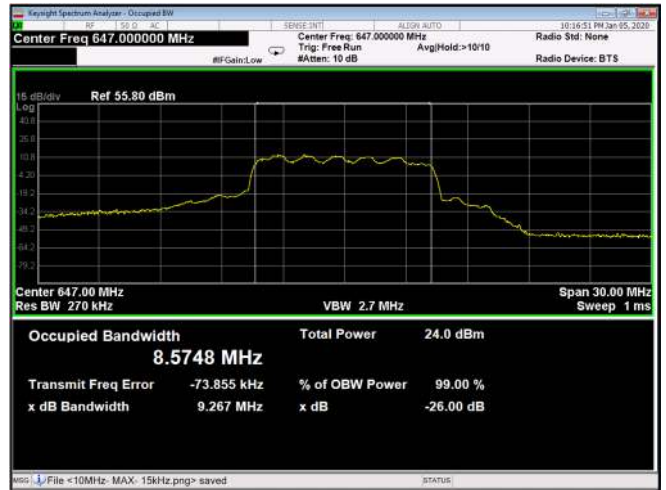


Figure 504: 16QAM 10MHz C.S; 647.0MHz, 30kHz Output

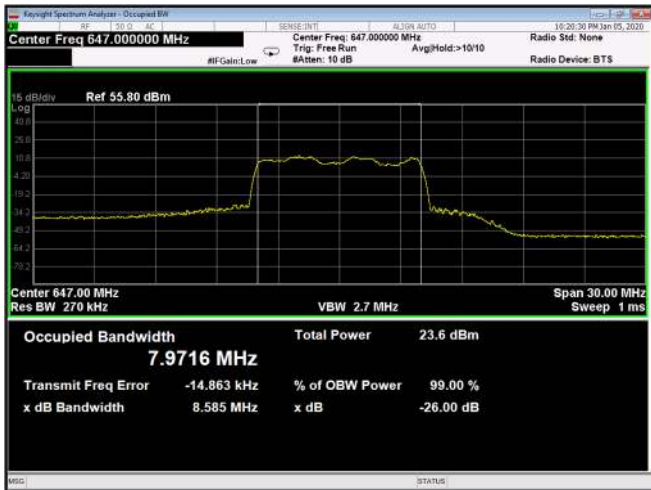


Figure 505: 16QAM 10MHz B.W; 647.0MHz, 60kHz Output

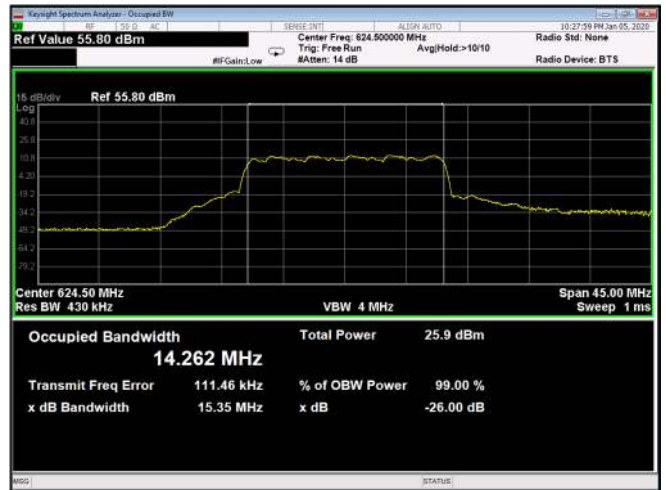


Figure 506: 16QAM 15MHz B.W; 624.5MHz, 15kHz Output

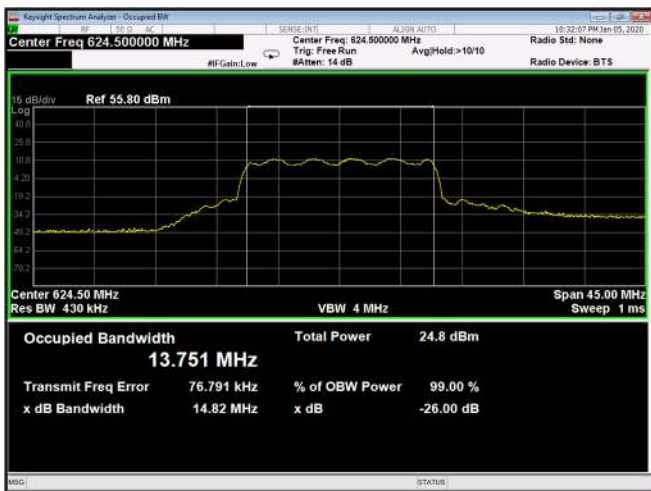


Figure 507: 16QAM 15MHz B.W; 624.5MHz, 30kHz Output

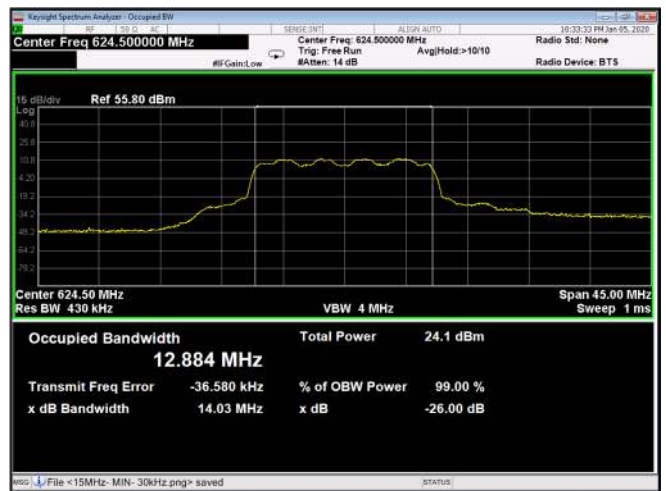


Figure 508: 16QAM 15MHz C.S; 624.5MHz, 60kHz Output



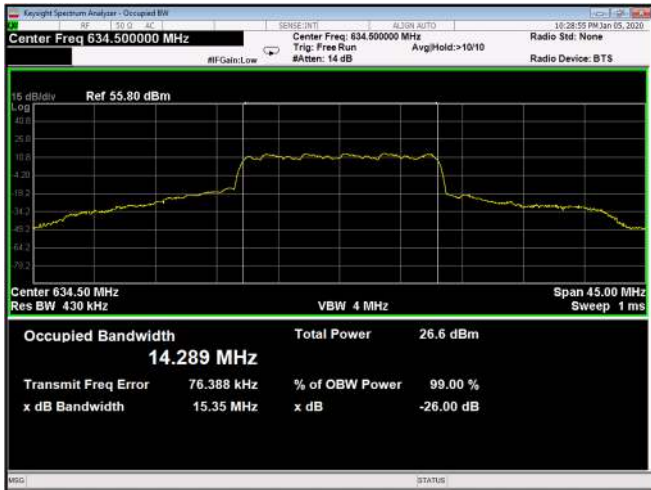


Figure 509: 16QAM 15MHz B.W; 634.5MHz, 15kHz Output

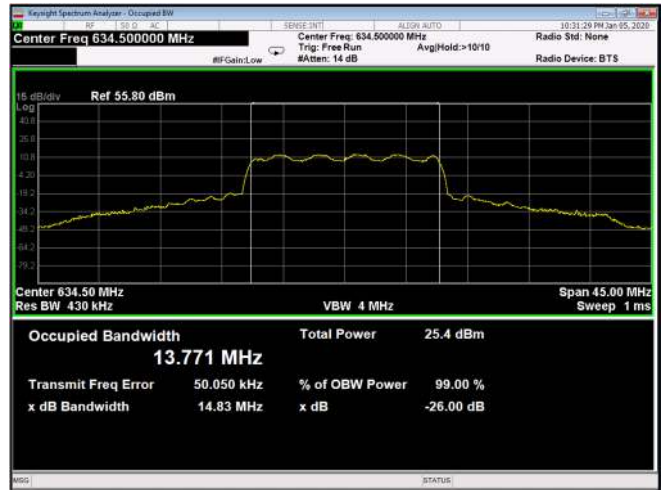


Figure 510: 16QAM 15MHz B.W; 634.5MHz, 30 kHz Output

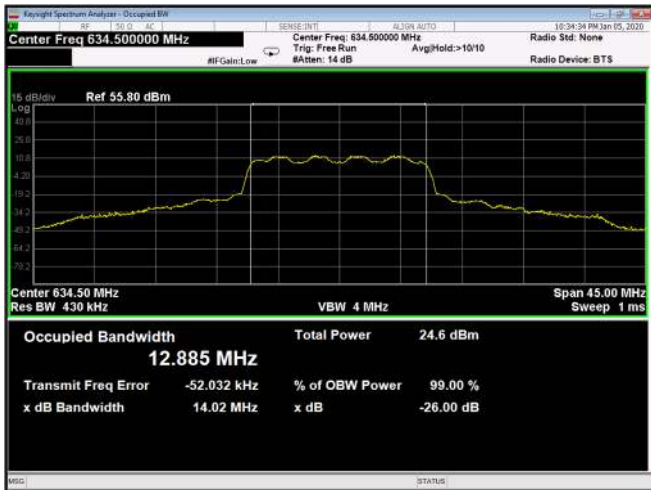


Figure 511: 16QAM 15MHz B.W; 634.5MHz, 60kHz Output

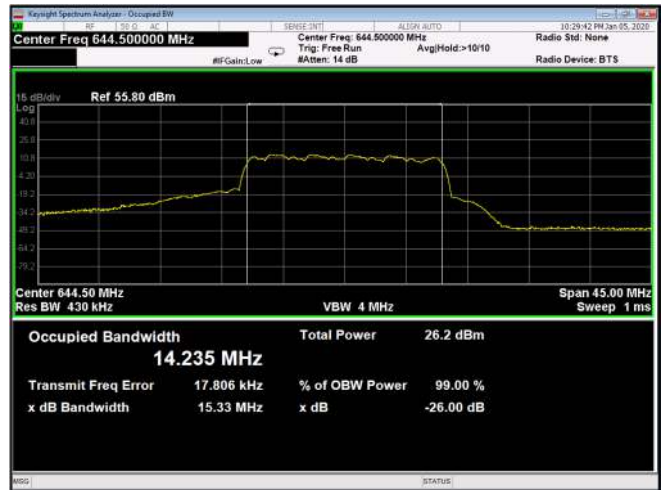


Figure 512: 16QAM 15MHz B.W; 644.5MHz, 15kHz Output

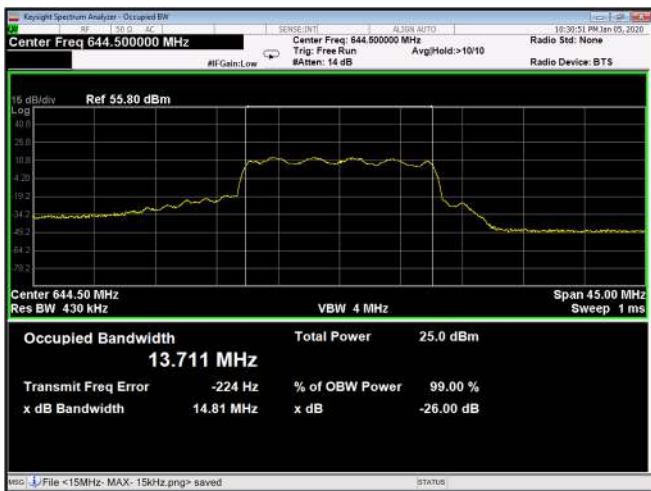


Figure 513: 16QAM 15MHz B.W; 644.5MHz, 30kHz Output

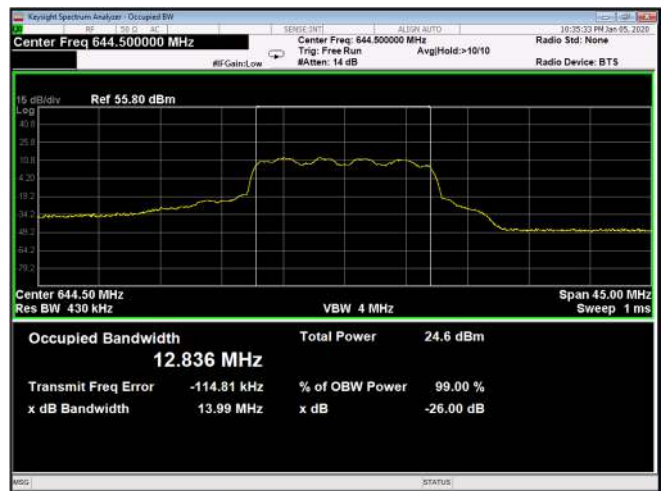


Figure 514: 16QAM 15MHz B.W; 644.5MHz, 60kHz Output

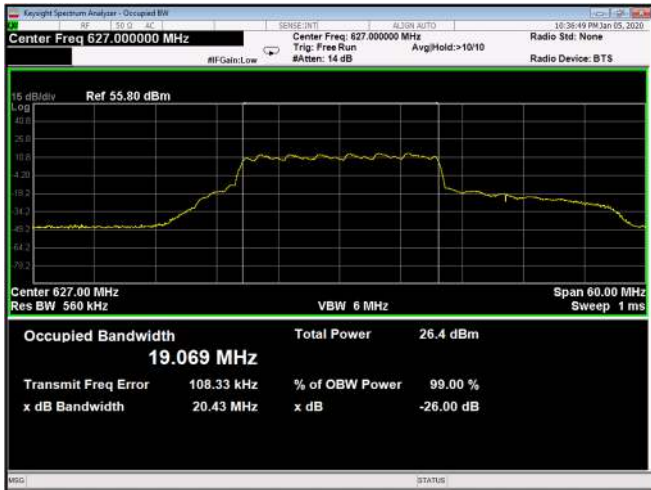


Figure 515: 16QAM 20MHz B.W; 627.0MHz, 15 kHz Output

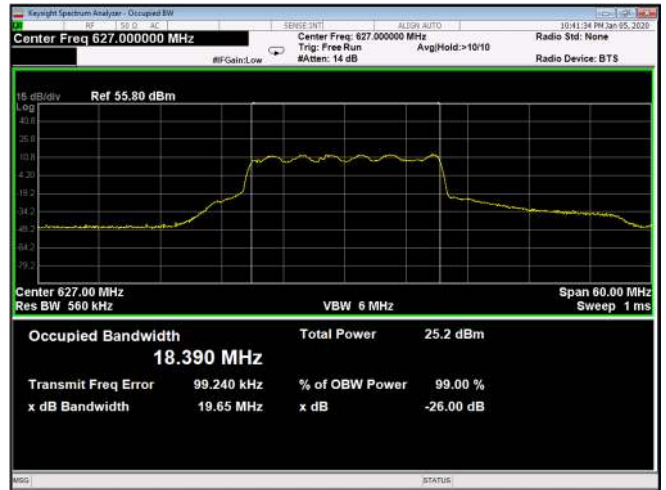


Figure 516: 16QAM 20MHz B.W; 627.0MHz, 30kHz Output

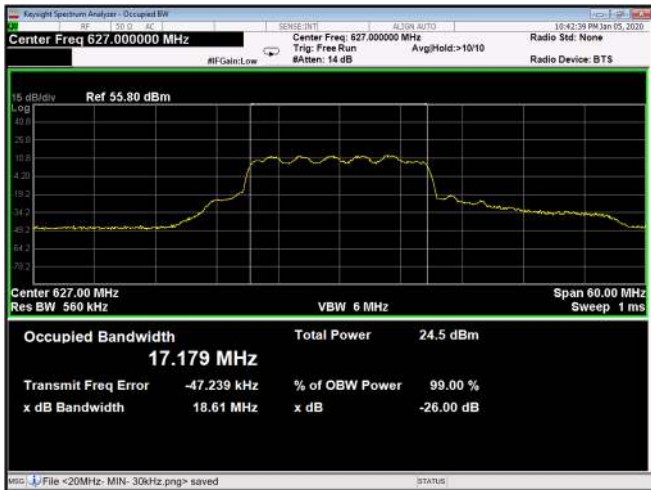


Figure 517: 16QAM 20MHz B.W; 627.0MHz, 60kHz Output

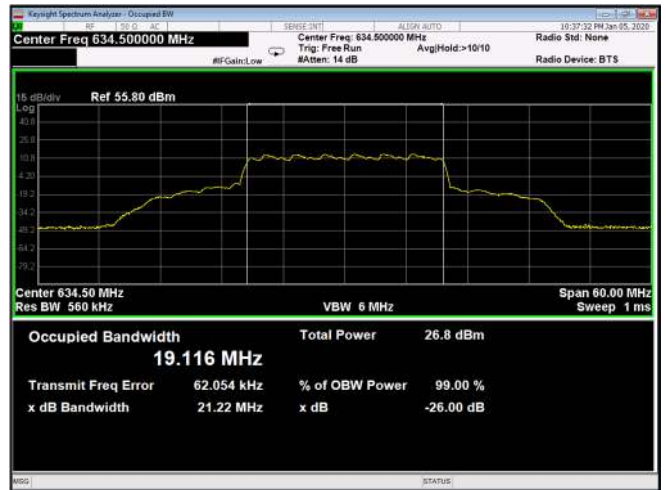


Figure 518: 16QAM 20MHz B.W; 634.5MHz, 15kHz Output

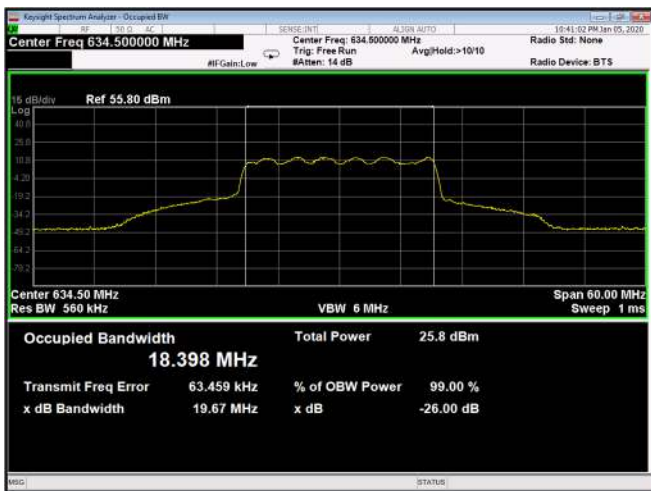


Figure 519: 16QAM 20MHz B.W; 634.5MHz, 30kHz Output

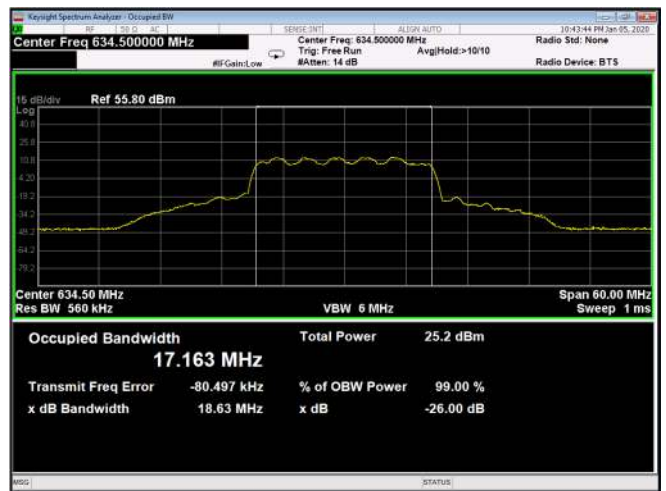


Figure 520: 16QAM 20MHz B.W; 634.5MHz, 60kHz Output



Figure 521: 16QAM 20MHz B.W; 642.0MHz, 15kHz Output

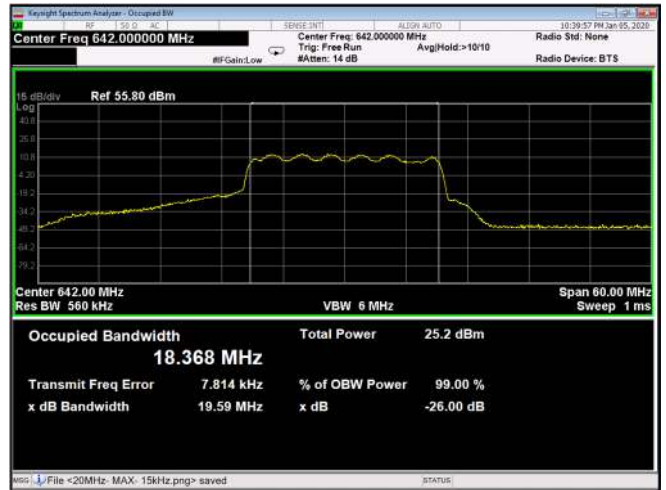


Figure 522: 16QAM 20MHz B.W; 642.0MHz, 30kHz Output

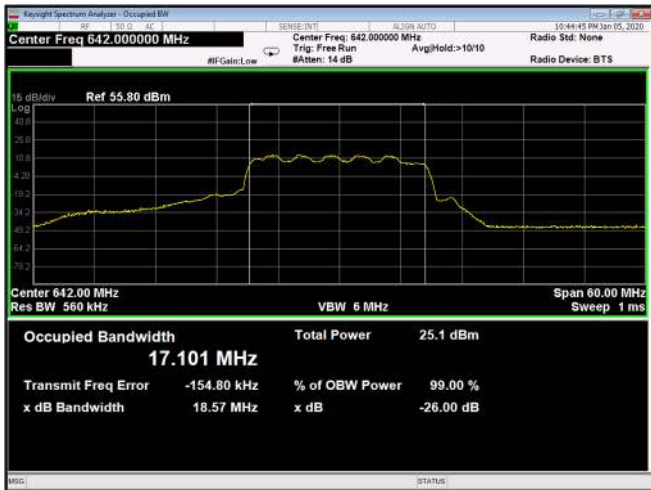


Figure 523: 16QAM 20MHz B.W; 642.0MHz, 60kHz Output

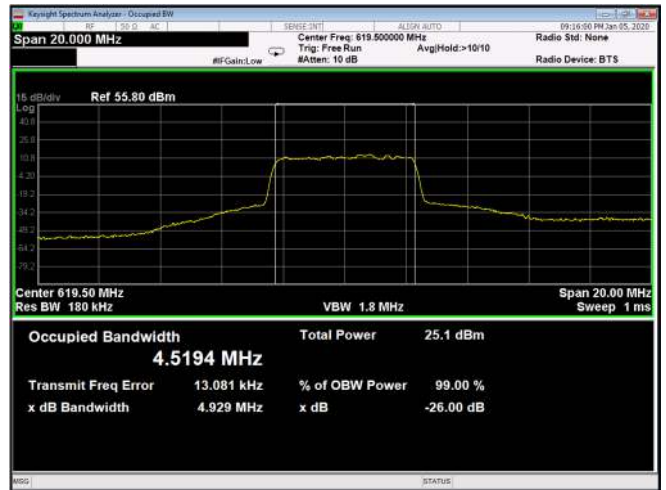


Figure 524: 64QAM 5MHz B.W; 619.5MHz, 15kHz Output



Figure 525: 64QAM 5MHz B.W; 619.5MHz, 30kHz Output



Figure 526: 64QAM 5MHz B.W; 634.5MHz, 15kHz Output



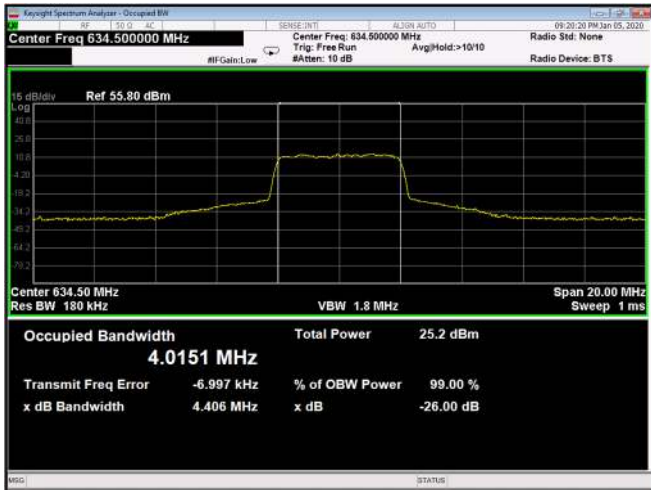


Figure 527: 64QAM 5MHz B.W; 634.5MHz, 30kHz Output

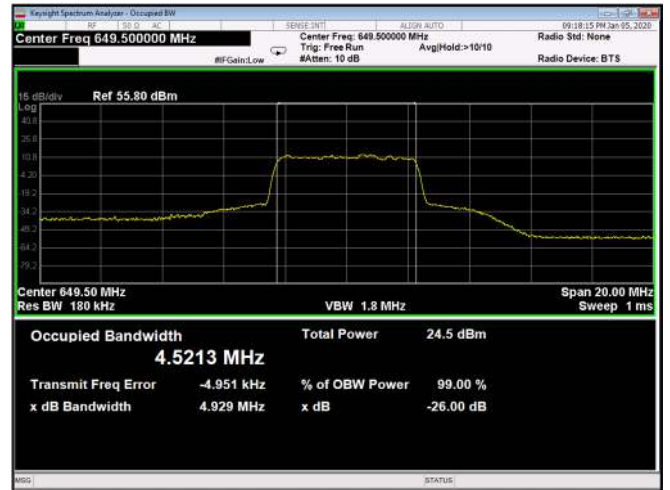


Figure 528: 64QAM 5MHz B.W; 649.5MHz, 15kHz Output

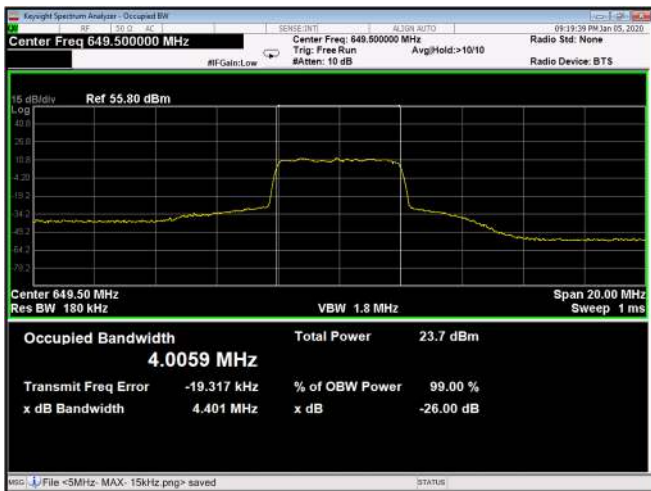


Figure 529: 64QAM 5MHz B.W; 649.5MHz, 30kHz Output

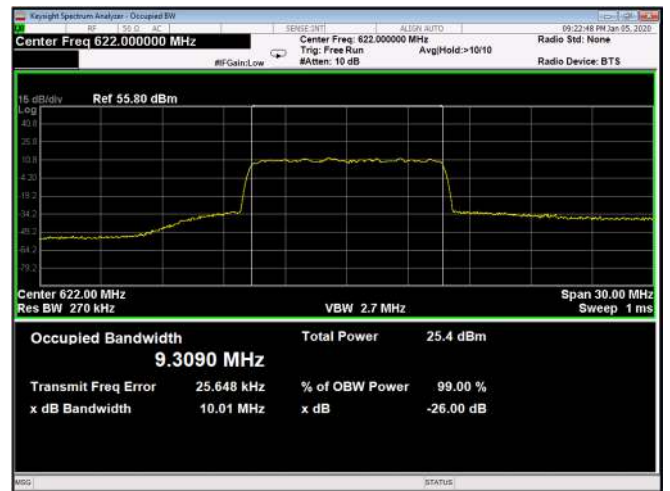


Figure 530: 64QAM 10MHz B.W; 622.0MHz, 15kHz Output



Figure 531: 64QAM 10MHz B.W; 622.0MHz, 60kHz Output



Figure 532: 64QAM 10MHz B.W; 622.0MHz, 60kHz Output

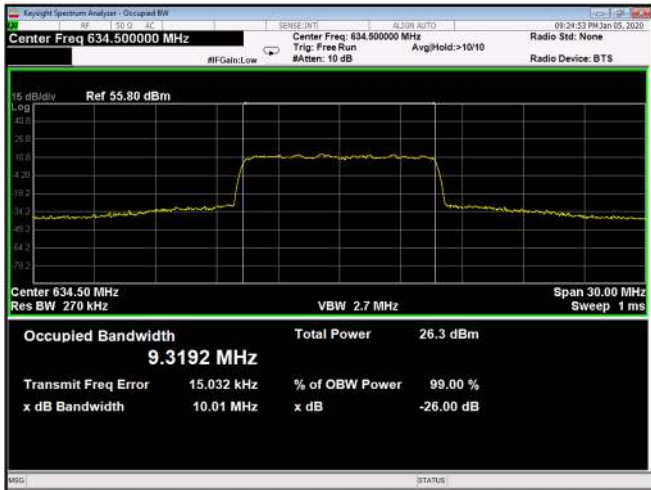


Figure 533: 64QAM 10MHz B.W; 634.5MHz, 15kHz Output



Figure 534: 64QAM 10MHz B.W; 634.5MHz, 30kHz Output

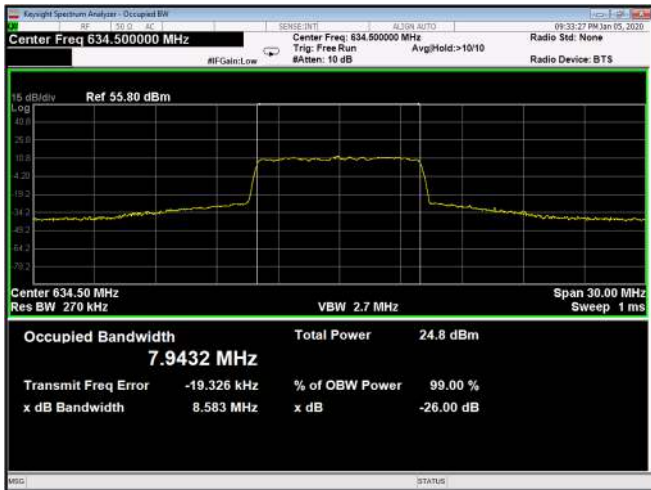


Figure 535: 64QAM 10MHz B.W; 634.5MHz, 60kHz Output

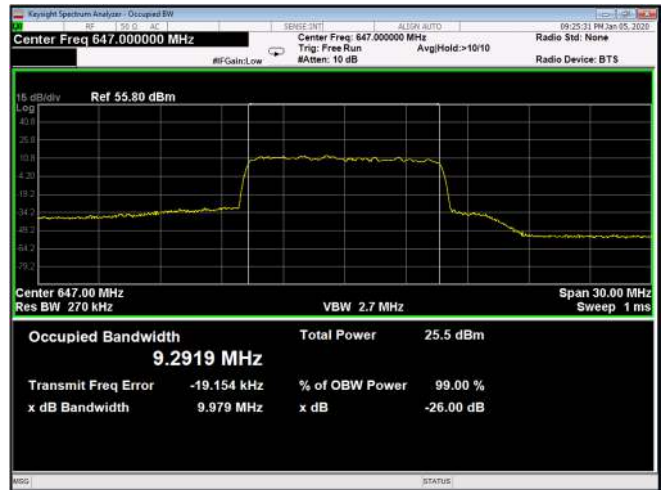


Figure 536: 64QAM 10MHz B.W; 647.0MHz, 15kHz Output

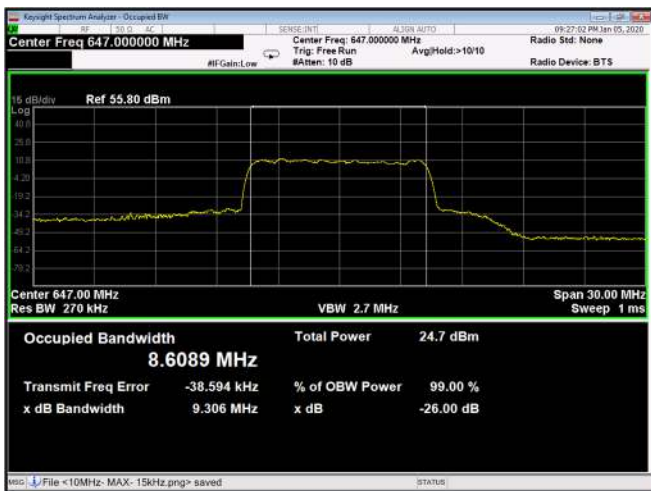


Figure 537: 64QAM 10MHz B.W; 647.0MHz, 30kHz Output



Figure 538: 64QAM 10MHz B.W; 647.0 MHz, 60kHz Output



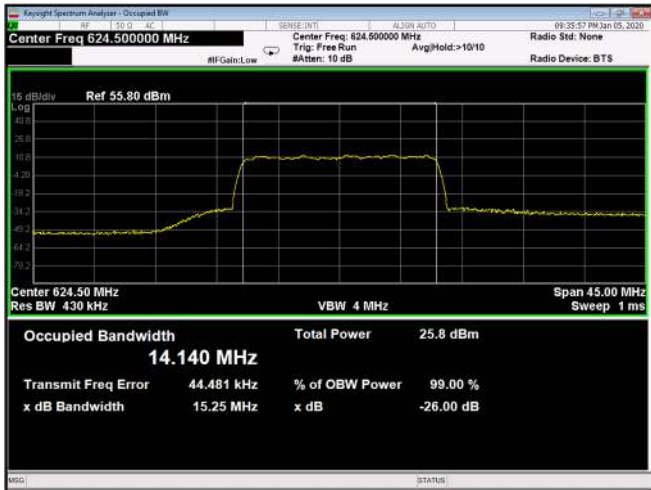


Figure 539: 64QAM 15MHz B.W; 624.5MHz, 15kHz Output

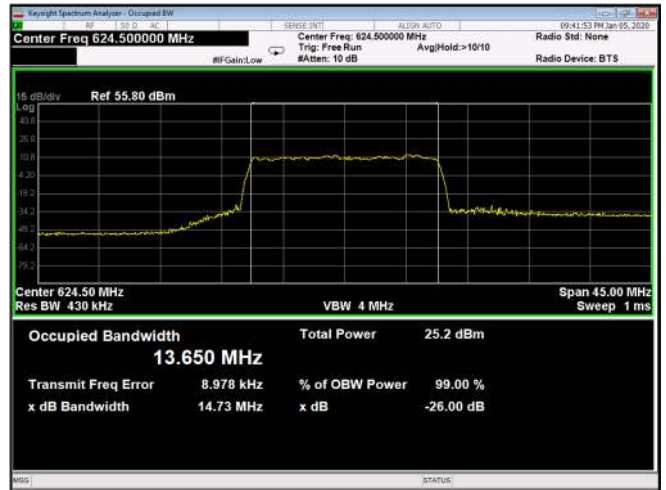


Figure 540: 64QAM 15MHz B.W; 624.5MHz, 30kHz Output

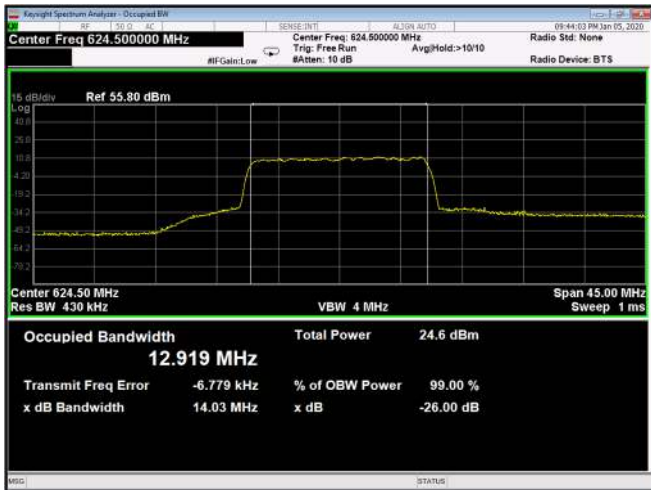


Figure 541: 64QAM 15MHz B.W; 624.5MHz, 60kHz Output

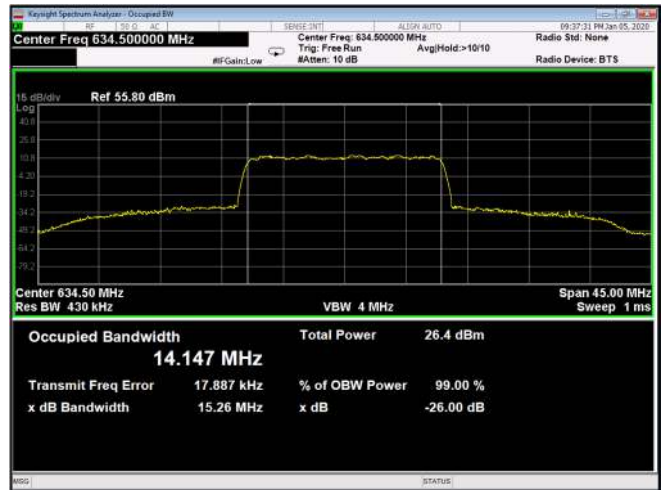


Figure 542: 64QAM 15MHz B.W; 634.5MHz, 15kHz Output

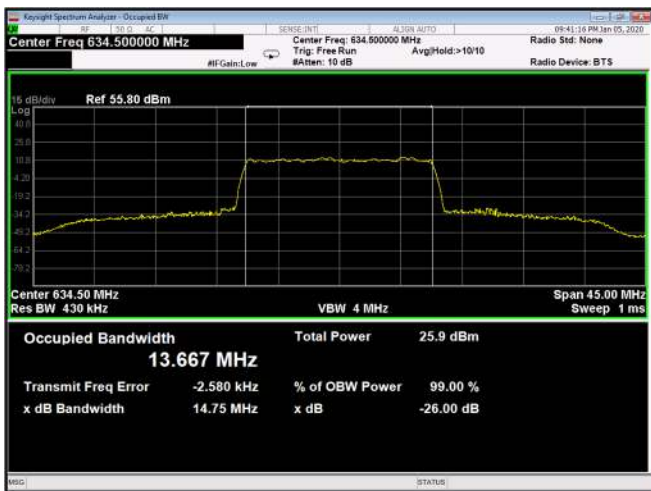


Figure 543: 64QAM 15MHz B.W; 634.5MHz, 30kHz Output



Figure 544: 64QAM 15MHz B.W; 634.5MHz, 60kHz Output

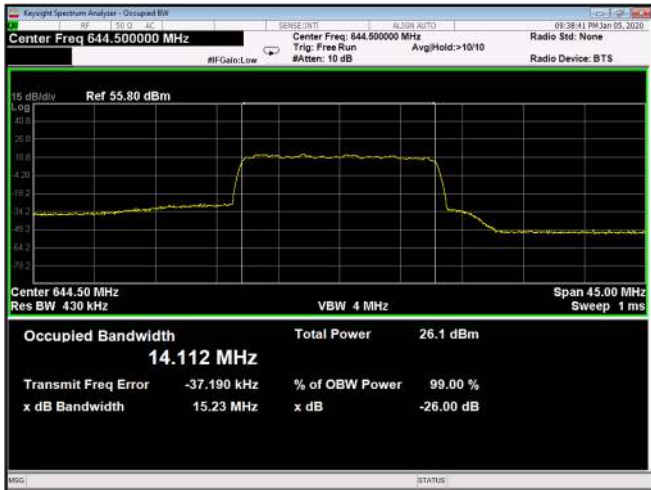


Figure 545: 64QAM 15MHz B.W; 644.5MHz, 15kHz Output

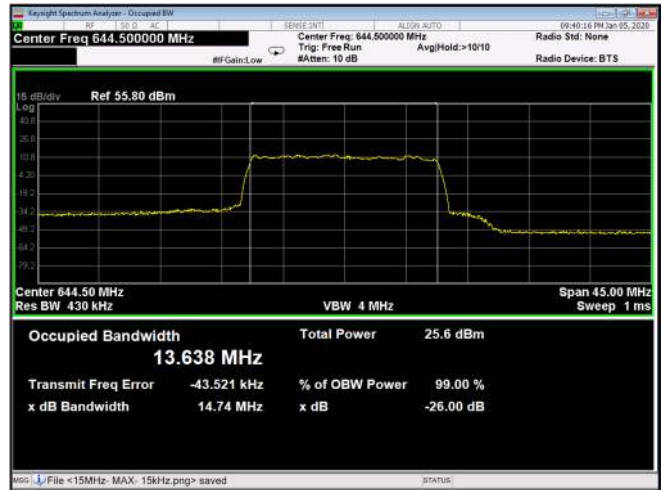


Figure 546: 64QAM 15MHz B.W; 644.5MHz, 30kHz Output

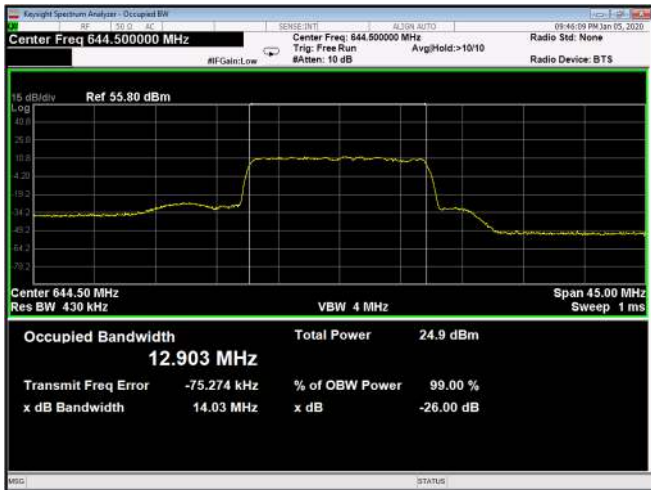


Figure 547: 64QAM 15MHz B.W; 644.5MHz, 60kHz Output

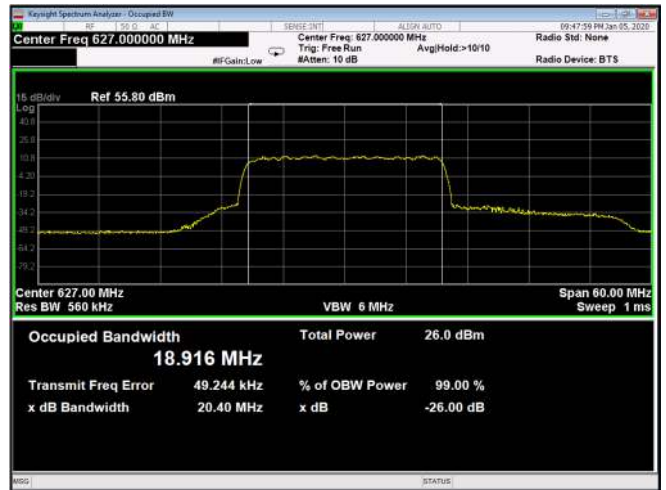


Figure 548: 64QAM 20MHz B.W; 627.0MHz, 15kHz Output



Figure 549: 64QAM 20MHz B.W; 627.0MHz, 30kHz Output

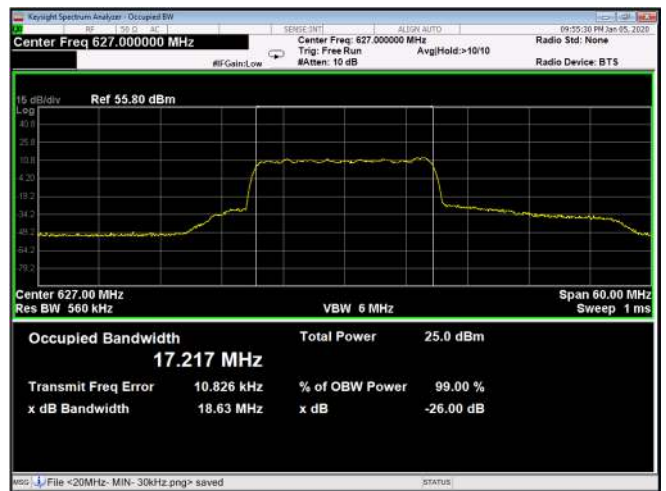


Figure 550: 64QAM 20MHz B.W; 627.0MHz, 60kHz Output

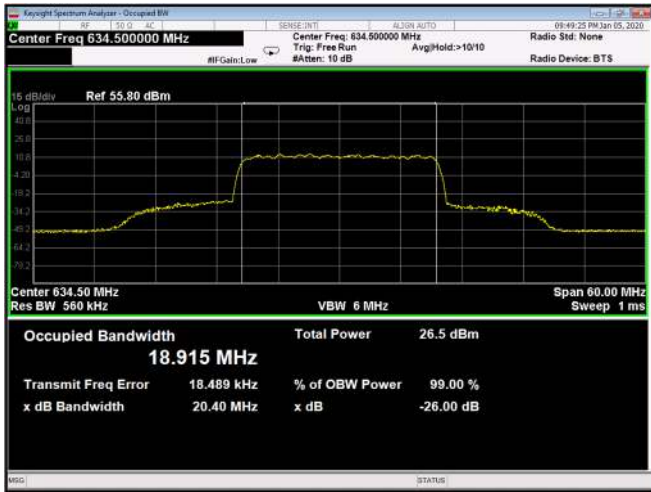


Figure 551: 64QAM 20MHz B.W; 634.5MHz, 15kHz Output

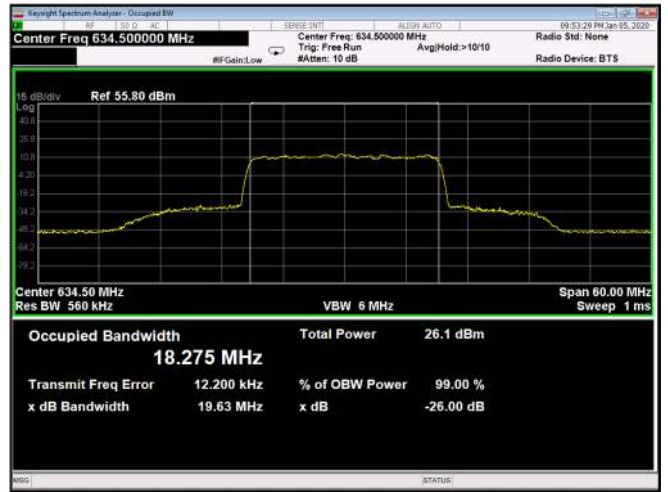


Figure 552: 64QAM 20MHz B.W; 634.5MHz, 30kHz Output

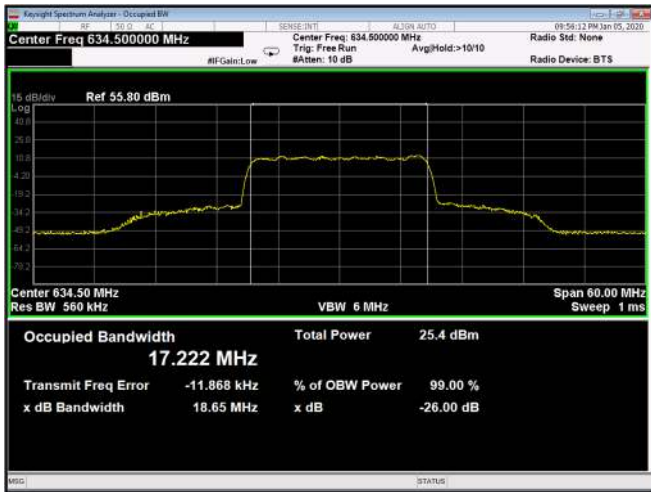


Figure 553: 64QAM 20MHz B.W; 634.5MHz, 60kHz Output

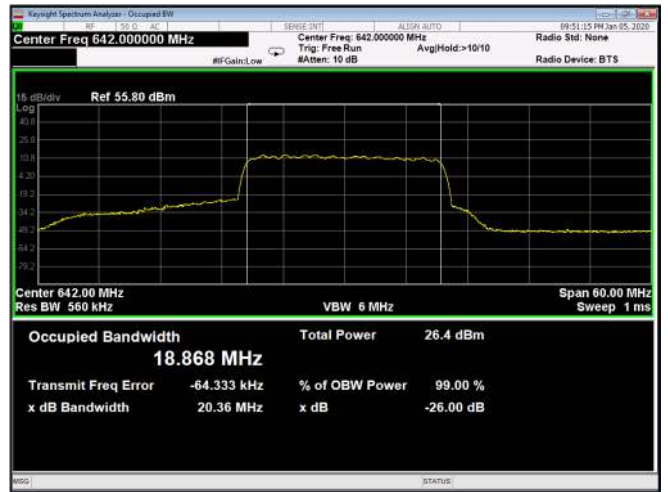


Figure 554: 64QAM 20MHz B.W; 642.0MHz, 15kHz Output

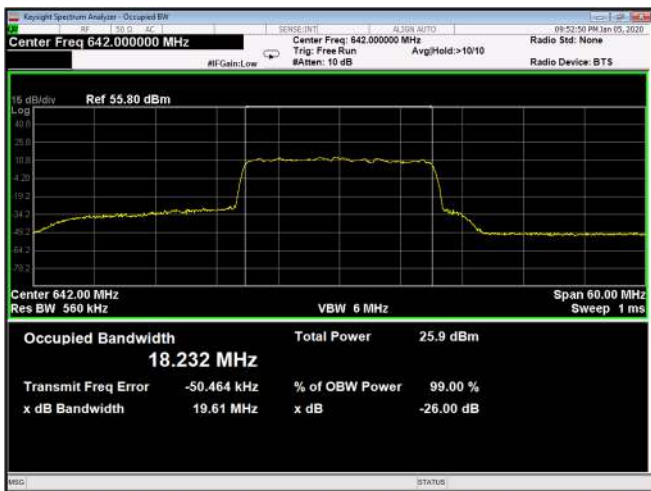


Figure 555: 64QAM 20MHz B.W; 642.0MHz, 30kHz Output

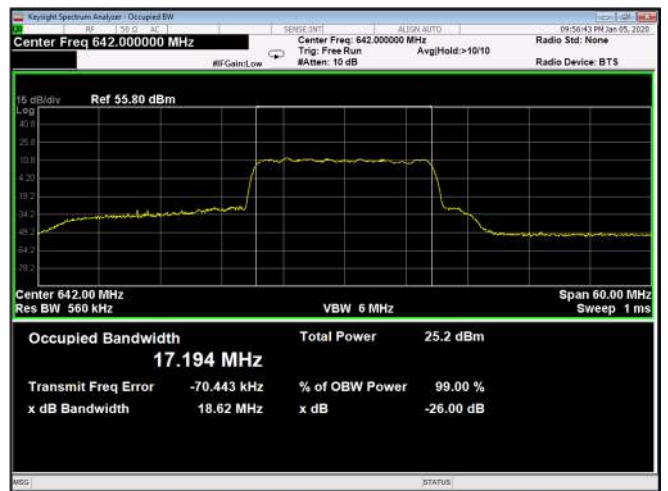


Figure 556: 64QAM 5MHz B.W; 642.0MHz, 60kHz Output





Figure 557: 256QAM 5MHz B.W; 619.5MHz, 15kHz Output

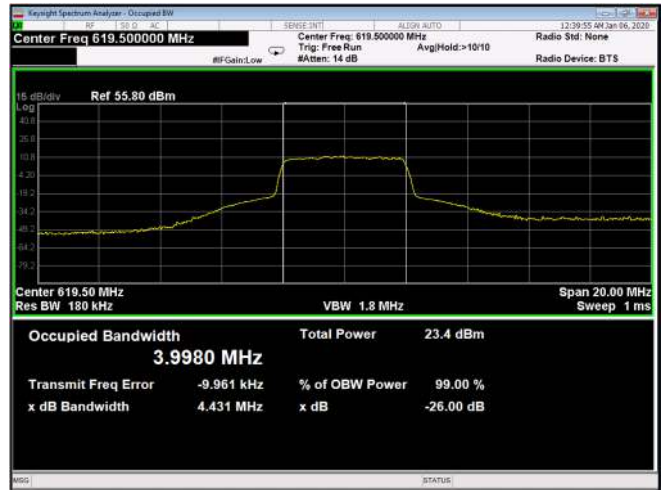


Figure 558: 256QAM 5MHz B.W; 619.5MHz, 30kHz Output

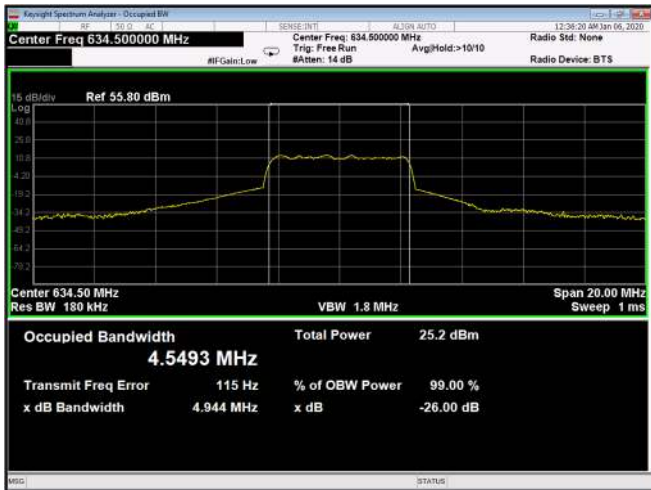


Figure 559: 256QAM 5MHz B.W; 634.5MHz, 15kHz Output

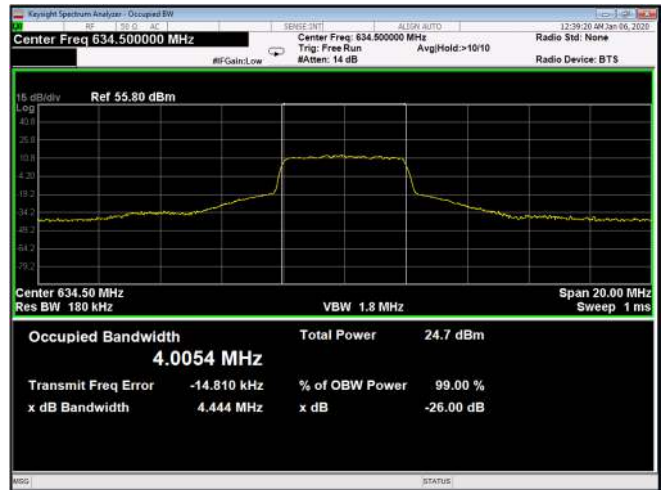


Figure 560: 256QAM 5MHz B.W; 634.5MHz, 30kHz Output



Figure 561: 256QAM 5MHz B.W; 649.5MHz, 15kHz Output



Figure 562: 256QAM 5MHz B.W; 649.5MHz, 30kHz Output

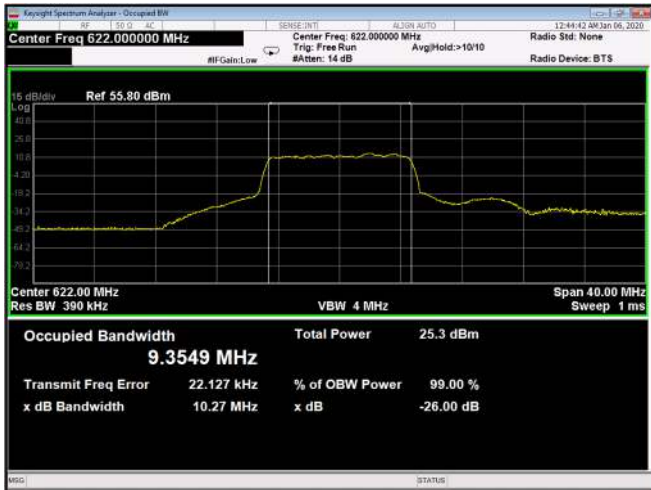


Figure 563: 256QAM 10MHz B.W; 622.0MHz, 15kHz Output



Figure 564: 256QAM 10MHz B.W; 622.0MHz, 30kHz Output



Figure 565: 256QAM 10MHz B.W; 622.0MHz, 60kHz Output

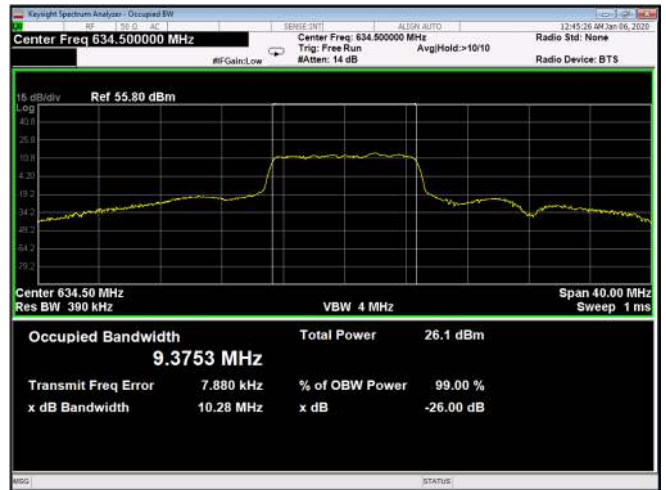


Figure 566: 256QAM 10MHz B.W; 634.5MHz, 15kHz Output

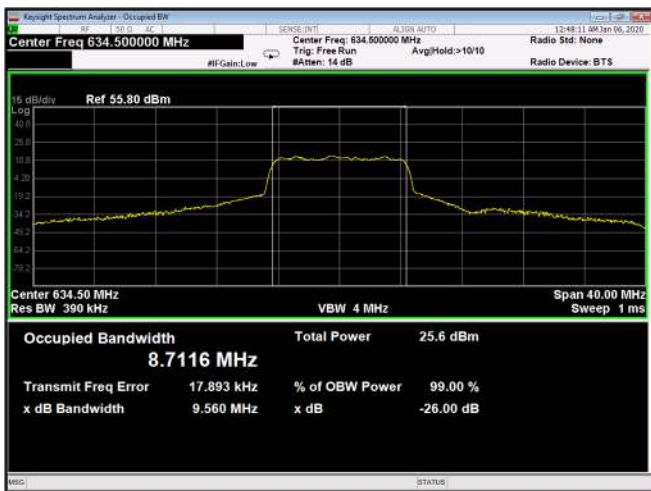


Figure 567: 256QAM 10MHz B.W; 634.5MHz, 30kHz Output



Figure 568: 256QAM 10MHz B.W; 634.5MHz, 60kHz Output



Figure 569: 256QAM 10MHz B.W; 647.0MHz, 15kHz Output

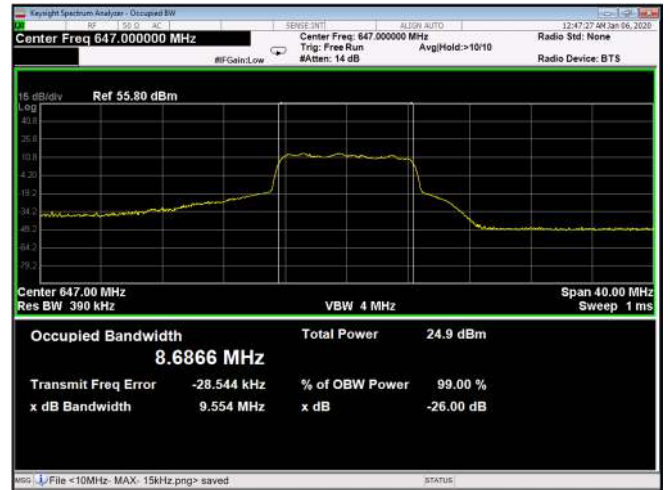


Figure 570: 256QAM 10MHz B.W; 647.0MHz, 30kHz Output

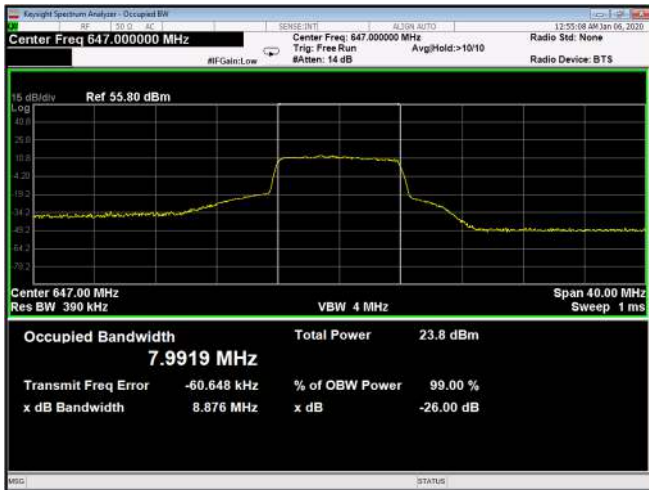


Figure 571: 256QAM 10MHz B.W; 647.0MHz, 60kHz Output

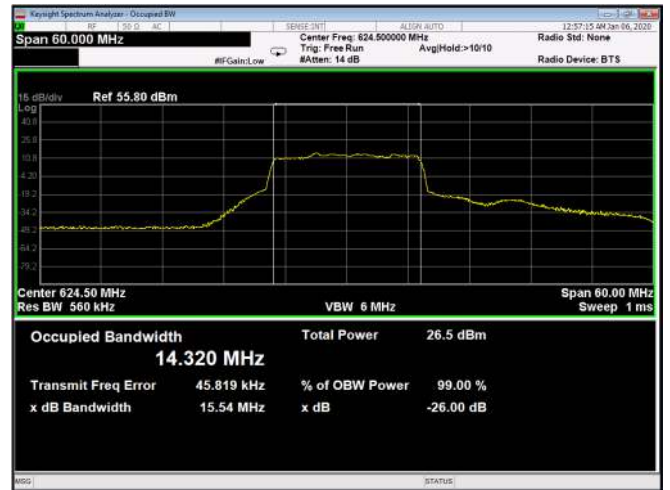


Figure 572: 256QAM 15MHz B.W; 624.5MHz, 15kHz Output



Figure 573: 256QAM 15MHz B.W; 624.5MHz, 30kHz Output



Figure 574: 256QAM 15MHz B.W; 624.5MHz, 60kHz Output





Figure 575: 256QAM 15MHz B.W; 634.5MHz, 15kHz Output

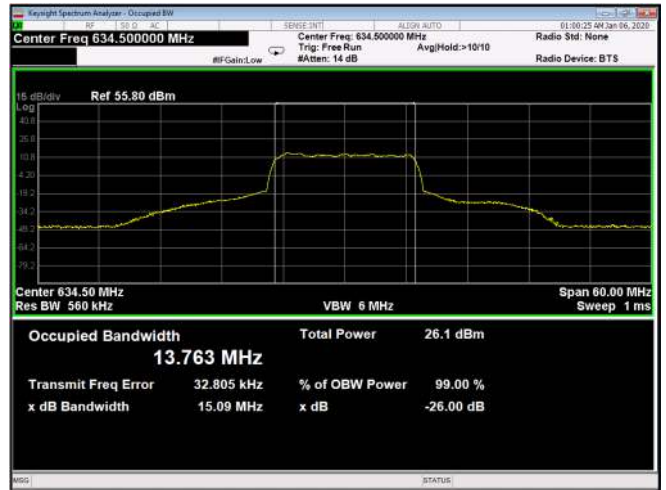


Figure 576: 256QAM 15MHz B.W; 634.5MHz, 30kHz Output

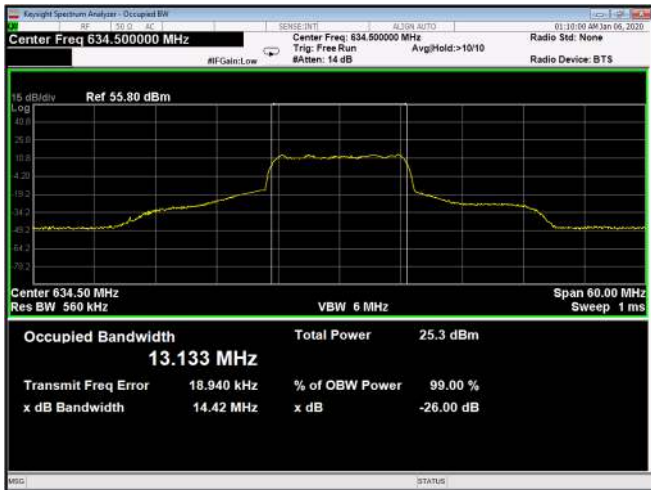


Figure 577: 256QAM 15MHz B.W; 634.5MHz, 60kHz Output

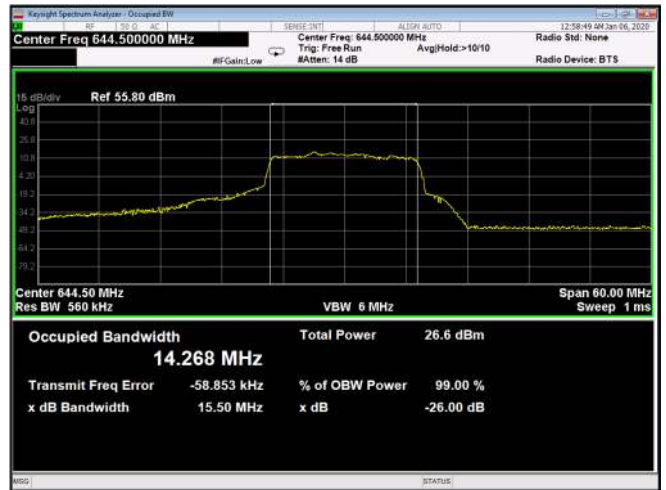


Figure 578: 256QAM 15MHz B.W; 644.5MHz, 15kHz Output

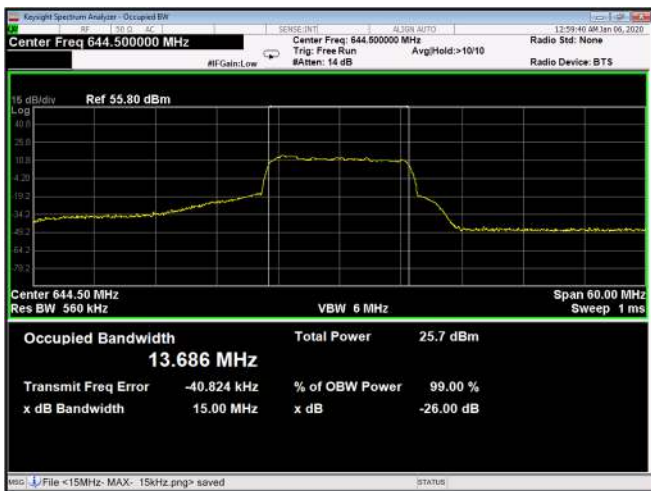


Figure 579: 256QAM 15MHz B.W; 644.5MHz, 30kHz Output



Figure 580: 256QAM 15MHz B.W; 644.5MHz, 60kHz Output

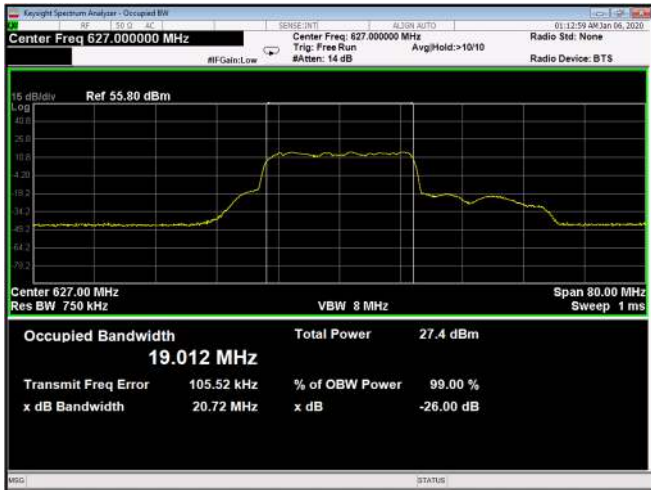


Figure 581: 256QAM 20MHz B.W; 627.0MHz, 15kHz Output

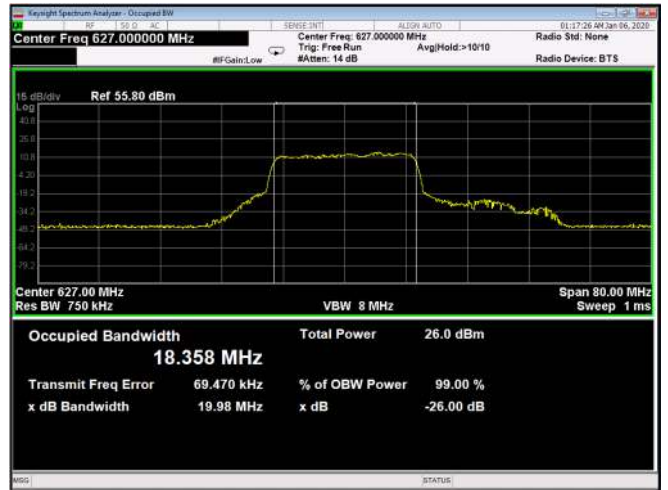


Figure 582: 256QAM 20MHz B.W; 627.0MHz, 30kHz Output

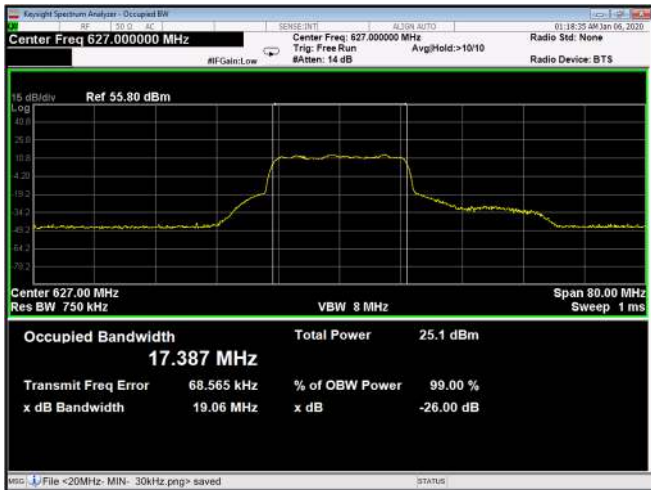


Figure 583: 256QAM 20MHz B.W; 627.0MHz, 60kHz Output

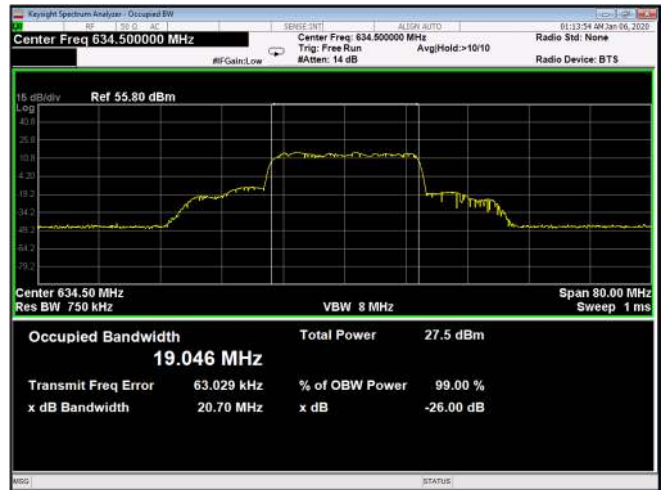


Figure 584: 256QAM 20MHz B.W; 634.5MHz, 15kHz Output

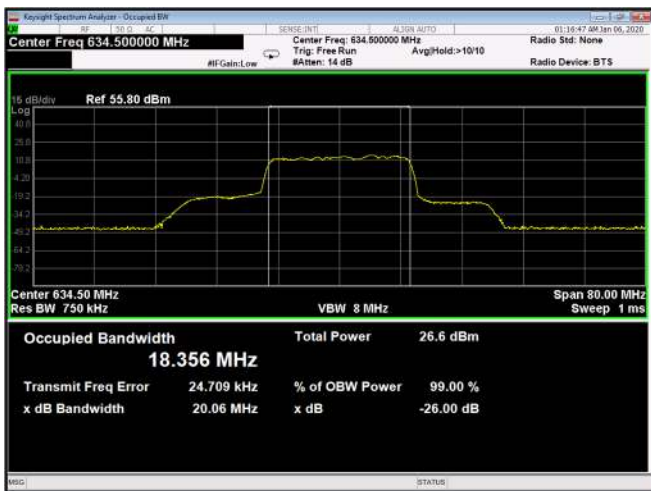


Figure 585: 256QAM 20MHz B.W; 634.5MHz, 30kHz Output



Figure 586: 256QAM 20MHz B.W; 634.4MHz, 60kHz Output

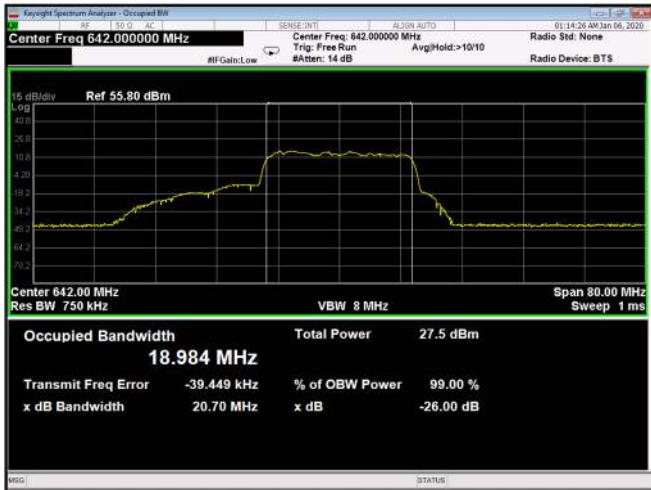


Figure 587: 256QAM 20MHz B.W; 642.0MHz, 15kHz Output

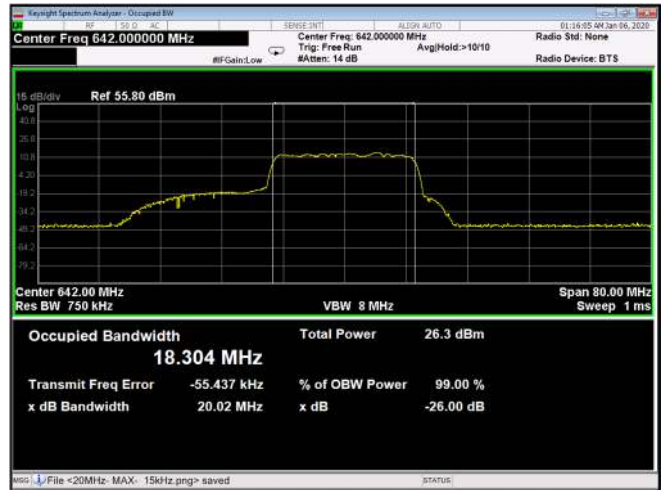


Figure 588: 256QAM 20MHz B.W; 642.0MHz, 30kHz Output



Figure 589: 256QAM 20MHz B.W; 642.0MHz, 60kHz Output

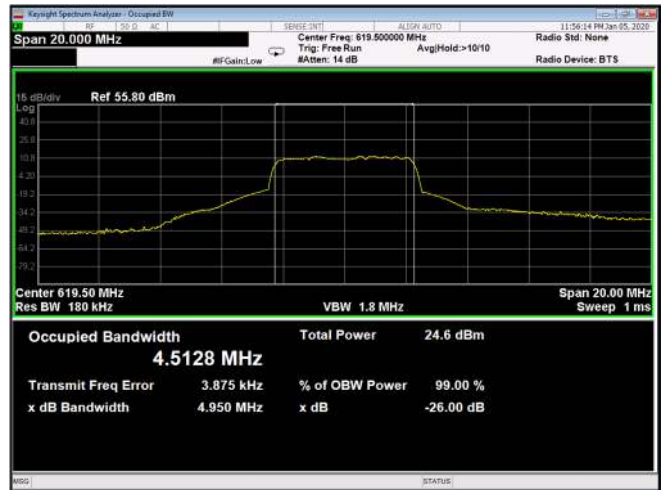


Figure 590: QPSK 5MHz B.W; 619.5MHz, 15kHz Output



Figure 591: QPSK 5MHz B.W; 619.5MHz, 30kHz Output



Figure 592: QPSK 5MHz B.W; 634.5MHz, 15kHz Output





Figure 593: QPSK 5MHz B.W; 634.5MHz, 30kHz Output

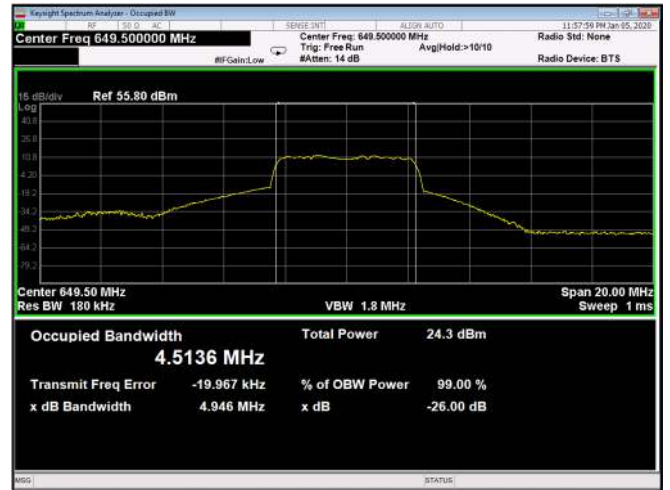


Figure 594: QPSK 5MHz B.W; 649.5MHz, 15kHz Output



Figure 595: QPSK 5MHz B.W; 649.5MHz, 30kHz Output

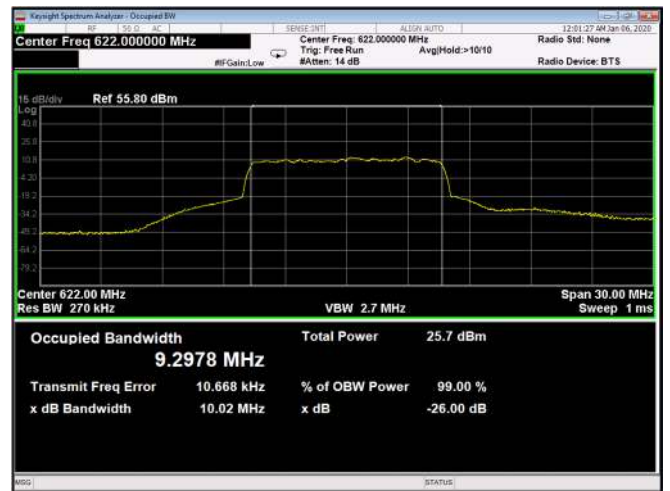


Figure 596: QPSK 10MHz B.W; 622.0MHz, 15kHz Output



Figure 597: QPSK 10MHz B.W; 622.0MHz, 30kHz Output

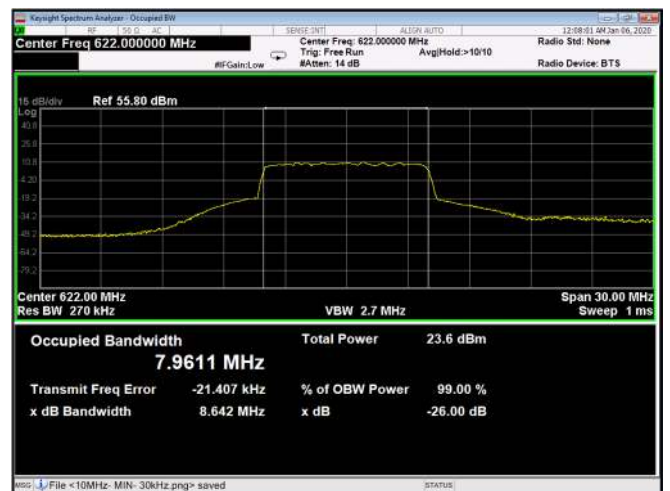


Figure 598: QPSK 10MHz B.W; 622.0MHz, 60kHz Output

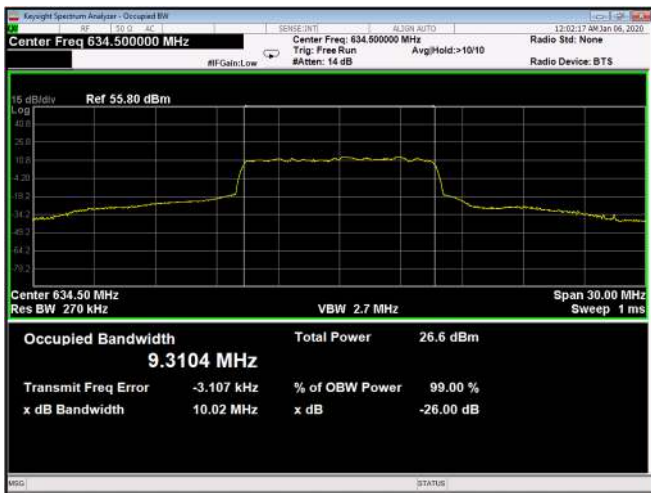


Figure 599: QPSK 10MHz B.W; 634.5MHz, 15kHz Output

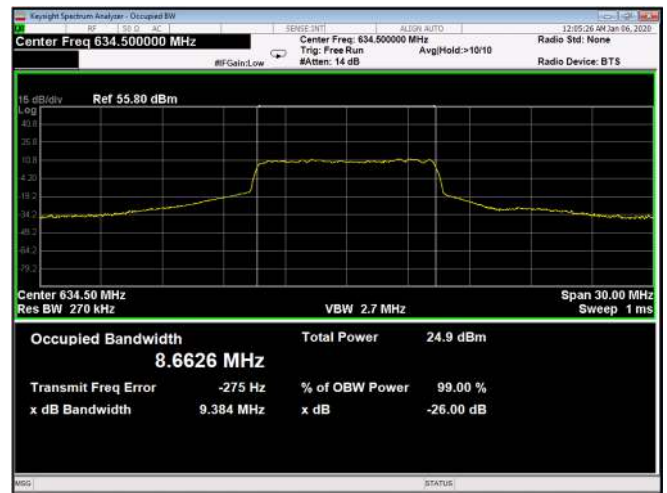


Figure 600: QPSK 10MHz B.W; 634.5MHz, 30kHz Output

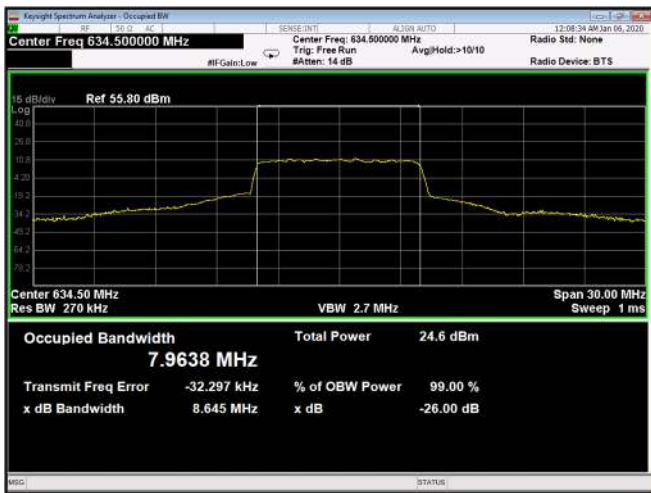


Figure 601: QPSK 10MHz B.W; 634.5MHz, 60kHz Output

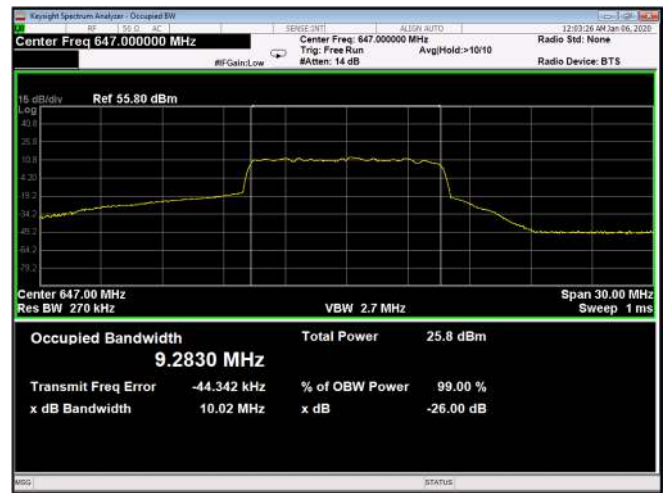


Figure 602: QPSK 10MHz B.W; 647.0MHz, 15kHz Output



Figure 603: QPSK 10MHz B.W; 647.0MHz, 30kHz Output



Figure 604: QPSK 10MHz B.W; 647.0MHz, 60kHz Output

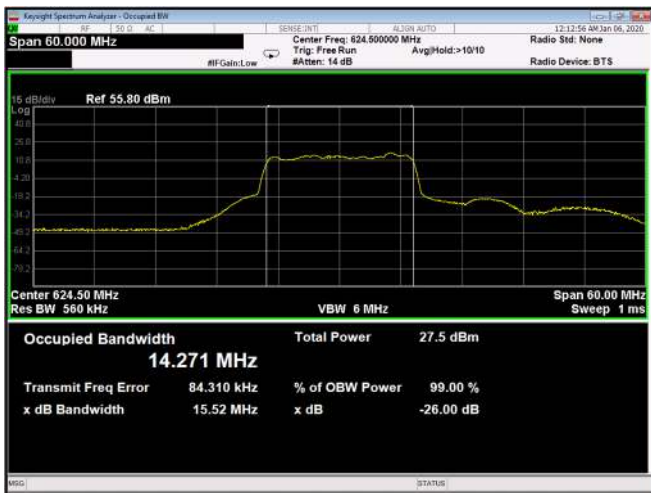


Figure 605: QPSK 15MHz B.W; 624.5MHz, 15kHz Output



Figure 606: QPSK 15MHz B.W; 624.5MHz, 30kHz Output

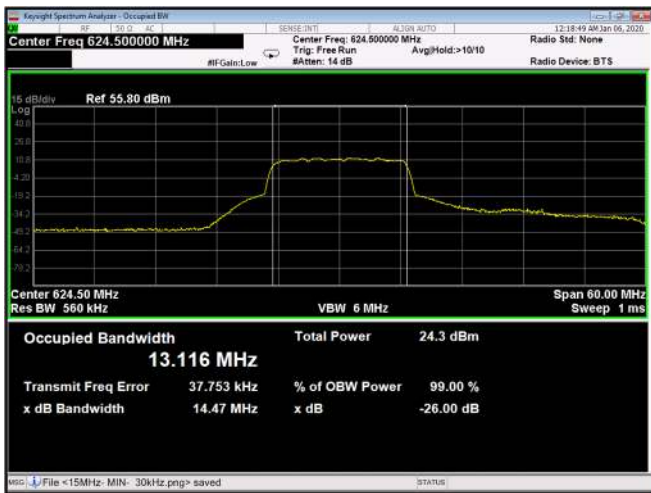


Figure 607: QPSK 15MHz B.W; 624.5MHz, 60kHz Output



Figure 608: QPSK 15MHz B.W; 634.5MHz, 15kHz Output



Figure 609: QPSK 15MHz B.W; 634.5MHz, 30kHz Output



Figure 610: QPSK 15MHz B.W; 634.5MHz, 60kHz Output



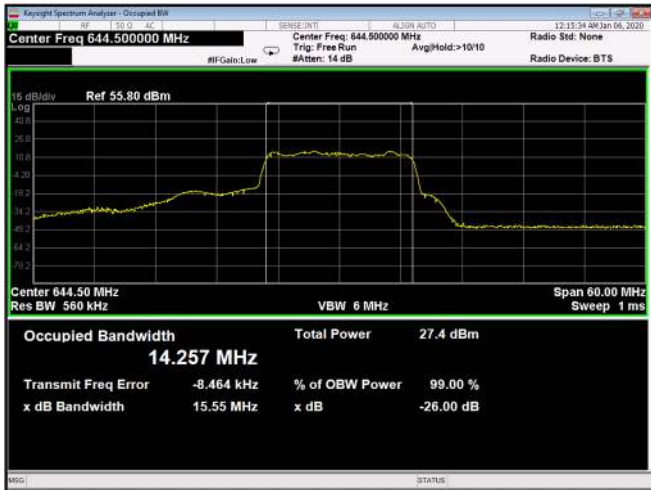


Figure 611: QPSK 15MHz B.W; 644.5MHz, 15kHz Output



Figure 612: QPSK 15MHz B.W; 644.5MHz, 30kHz Output

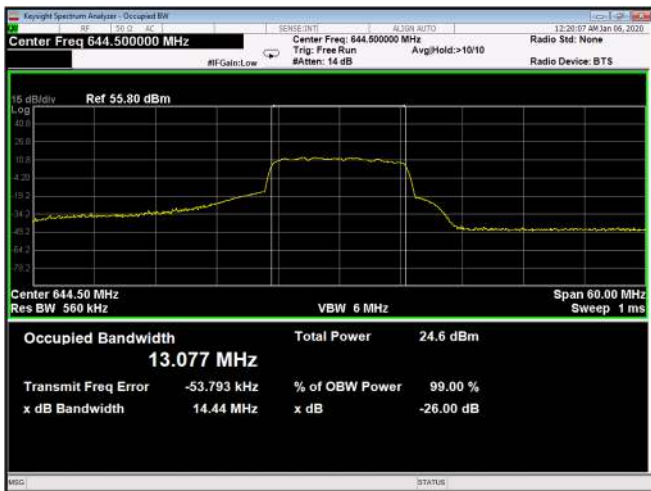


Figure 613: QPSK 15MHz B.W; 634.5MHz, 60kHz Output



Figure 614: QPSK 20MHz B.W; 627.0MHz, 15kHz Output

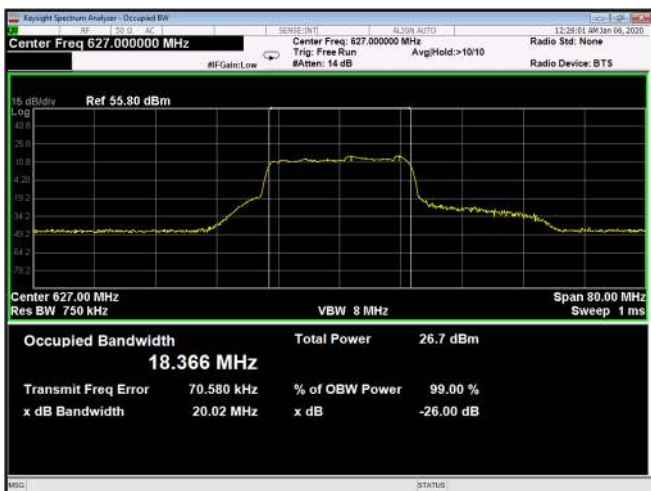


Figure 615: QPSK 20MHz B.W; 627.0MHz, 30kHz Output



Figure 616: QPSK 20MHz B.W; 627.0MHz, 60kHz Output

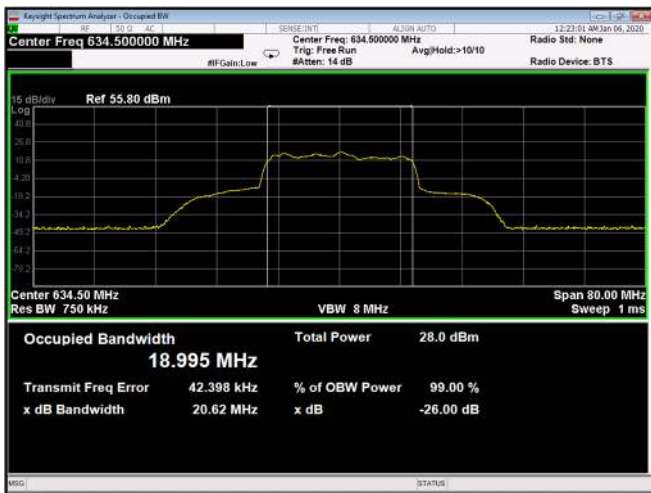


Figure 617: QPSK 20MHz B.W; 634.5MHz, 15kHz Output

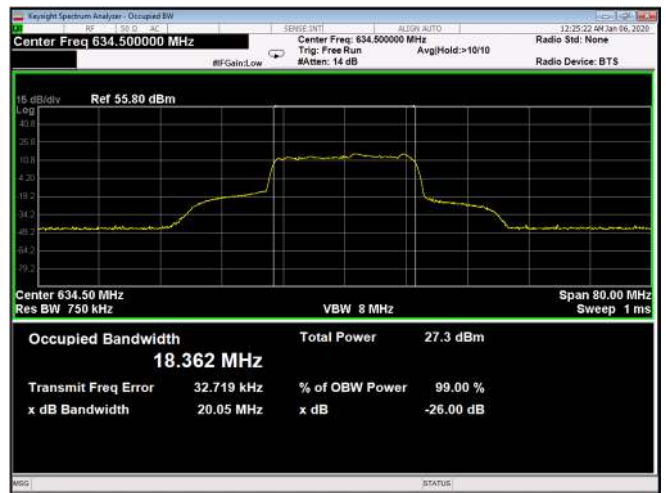


Figure 618: QPSK 20MHz B.W; 634.5MHz, 30kHz Output

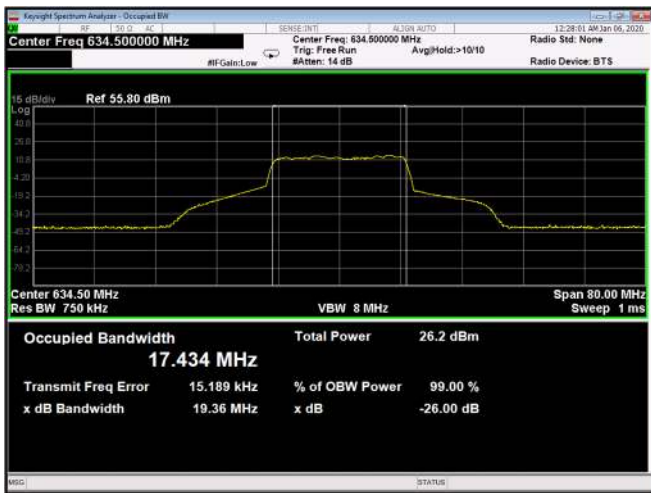


Figure 619: QPSK 20MHz B.W; 634.5MHz, 60kHz Output



Figure 620: QPSK 20MHz B.W; 642.0MHz, 15kHz Output



Figure 621: QPSK 20MHz B.W; 642.0MHz, 30kHz Output

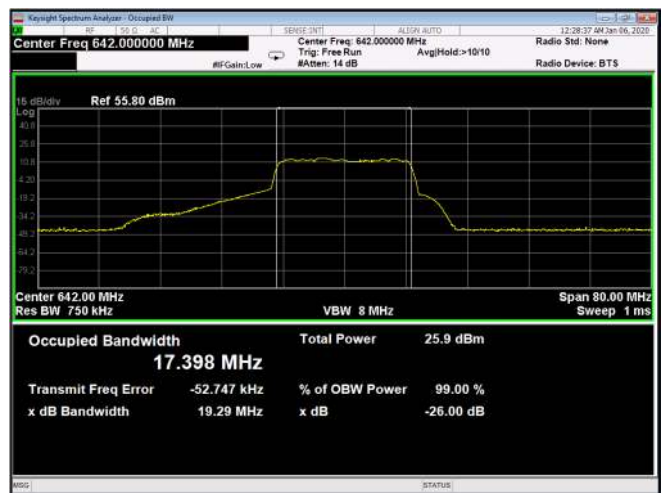


Figure 622: QPSK 20MHz B.W; 642.0MHz, 60kHz Output



**7.5 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 24 Test Equipment Used**