

7 Occupied Bandwidth

7.1 Test Specification

FCC Part 2, Section 1049

7.2 Test Procedure

(Temperature (22°C)/ Humidity (35%RH))

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

OBW function (99%) was employed for this evaluation.

Occupied bandwidth measured was repeated for each modulation.

7.3 Test Limit

N/A

7.4 Test Results

JUDGEMENT: Passed

See additional information in Table 16 to Table 23 and Figure 357 to Figure 620.

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading	
	(MHz)	(kHz)	(MHz)	(MHz)	
16QAM	5	15	730.5	4.5378	
		30	730.5	4.0020	
		15	743.0	4.5358	
		30	743.0	4.0068	
		15	755.5	4.5384	
		30	755.5	4.0031	
	10	10	15	733.0	9.2979
			30	733.0	8.5871
			60	733.0	7.9813
			15	743.0	9.2949
			30	743.0	8.5906
			60	743.0	7.9882
			15	753.0	9.2936
			30	753.0	8.5893
			60	753.0	7.9883
	15	15	15	735.5	14.278
			30	735.5	13.763
			60	735.5	12.888
			15	743.0	14.263
			30	743.0	13.762
			60	743.0	12.883
			15	750.5	14.276
			30	750.5	13.740
			60	750.5	12.884
	20	20	15	738.0	19.061
			30	738.0	18.413
			60	738.0	17.180
			15	743.0	19.050
			30	743.0	18.391
			60	743.0	17.177
			15	748.0	19.046
			30	748.0	18.408
			60	748.0	17.173

Table 16 Occupied Bandwidth 16 QAM Input

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading
	(MHz)	(kHz)	(MHz)	(MHz)
16QAM	5	15	730.5	4.5200
		30	730.5	3.9789
		15	743.0	4.5339
		30	743.0	3.9835
		15	755.5	4.5333
		30	755.5	3.9798
	10	15	733.0	9.2918
			733.0	8.6020
			733.0	7.9404
		30	743.0	9.3069
			743.0	8.5828
			743.0	9.487
		60	753.0	9.2914
			753.0	8.6060
			753.0	7.9472
	15	15	735.5	14.107
			735.5	13.656
			735.5	12.897
		30	743.0	14.215
			743.0	13.705
			743.0	12.902
		60	750.5	14.194
			750.5	13.680
			750.5	12.876
	20	15	738.0	18.911
			738.0	18.283
			738.0	17.105
		30	743.0	18.961
			743.0	18.311
			743.0	17.139
		60	748.0	18.911
			748.0	18.283
			748.0	17.105

Table 17 Occupied Bandwidth 16QAM Output

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading	
	(MHz)	(kHz)	(MHz)	(MHz)	
64QAM	5	15	730.5	4.5007	
		30	730.5	3.9888	
		15	743.0	4.4993	
		30	743.0	3.9886	
		15	755.5	4.500	
		30	755.5	3.9844	
	10	10	15	733.0	9.3219
			30	733.0	8.6324
			60	733.0	7.9459
			15	743.0	9.3195
			30	743.0	8.6245
			60	743.0	7.9340
			15	753.0	9.3246
			30	753.0	8.6295
			60	753.0	7.9456
	15	15	15	735.5	14.157
			30	735.5	13.648
			60	735.5	12.924
			15	743.0	14.161
			30	743.0	13.669
			60	743.0	12.941
			15	750.5	14.160
			30	750.5	13.664
			60	750.5	12.941
	20	20	15	738.0	18.955
			30	738.0	18.331
			60	738.0	17.243
			15	743.0	18.939
			30	743.0	18.320
			60	743.0	17.237
			15	748.0	18.962
			30	748.0	18.321
			60	748.0	17.238

Table 18 Occupied Bandwidth 64QAM Input

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading
	(MHz)	(kHz)	(MHz)	(MHz)
64QAM	5	15	730.5	4.5694
		30	730.5	4.0595
		15	743.0	4.5970
		30	743.0	4.0676
		15	755.5	4.5835
		30	755.5	4.0568
	10	15	733.0	9.4213
			733.0	8.7411
			733.0	8.0844
		30	743.0	9.4523
			743.0	8.7978
			743.0	8.1081
		60	753.0	9.4313
			753.0	8.7824
			753.0	8.0886
	15	15	735.5	14.265
			735.5	13.822
			735.5	13.034
		30	743.0	14.322
			743.0	13.875
			743.0	13.088
		60	750.5	14.294
			750.5	13.828
			750.5	13.108
	20	15	738.0	18.985
			738.0	18.381
			738.0	17.364
		30	743.0	19.058
			743.0	18.438
			743.0	17.416
		60	748.0	19.023
			748.0	18.412
			748.0	17.407

Table 19 Occupied Bandwidth 64QAM Output

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading
	(MHz)	(kHz)	(MHz)	(MHz)
256AM	5	15	730.5	4.5156
		30	730.5	3.9846
		15	743.0	4.5130
		30	743.0	3.9833
		15	755.5	4.5104
		30	755.5	3.9843
	10	15	733.0	9.3147
			733.0	8.6629
			733.0	7.9491
		30	743.0	9.3329
			743.0	8.6662
			743.0	7.9447
		60	753.0	9.335
			753.0	8.6683
			753.0	7.9445
	15	15	735.5	14.231
			735.5	13.694
			735.5	13.083
		30	743.0	14.244
			743.0	13.684
			743.0	13.066
		60	750.5	14.243
			750.5	13.703
			750.5	13.079
	20	15	738.0	18.953
			738.0	18.285
			738.0	17.323
		30	743.0	18.958
			743.0	18.296
			743.0	17.299
		60	748.0	18.937
			748.0	18.296
			748.0	17.328

Table 20 Occupied Bandwidth 256QAM Input

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading
	(MHz)	(kHz)	(MHz)	(MHz)
256QAM	5	15	730.5	4.5185
		30	730.5	3.9738
		15	743.0	4.5259
		30	743.0	3.9802
		15	755.5	4.5254
		30	755.5	3.9782
	10	15	733.0	9.2986
		30	733.0	8.5966
		60	733.0	7.9065
		15	743.0	9.3268
		30	743.0	8.6103
		60	743.0	7.9197
		15	753.0	9.3243
		30	753.0	8.6020
	15	60	753.0	7.9010
		15	735.5	14.148
		30	735.5	13.586
		60	735.5	12.931
		15	743.0	14.173
		30	743.0	13.624
		60	743.0	12.947
		15	750.5	14.150
		30	750.5	13.613
	20	60	750.5	12.923
		15	738.0	18.885
		30	738.0	18.230
		60	738.0	17.136
		15	743.0	18.931
		30	743.0	18.266
		60	743.0	17.175
		15	748.0	18.928
		30	748.0	18.257
	60	748.0	17.135	

Table 21 Occupied Bandwidth 256QAM Output

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading	
	(MHz)	(kHz)	(MHz)	(MHz)	
QPSK	5	15	730.5	4.4975	
		30	730.5	3.9818	
		15	743.0	4.4931	
		30	743.0	3.9826	
		15	755.5	4.4950	
		30	755.5	3.9798	
	10	10	15	733.0	9.2965
			30	733.0	8.6482
			60	733.0	7.9439
			15	743.0	9.2980
			30	743.0	8.6446
			60	743.0	7.9481
			15	753.0	9.2977
			30	753.0	8.6469
			60	753.0	7.9487
	15	15	15	735.5	14.224
			30	735.5	13.768
			60	735.5	13.066
			15	743.0	14.223
			30	743.0	13.780
			60	743.0	13.067
			15	750.5	14.223
			30	750.5	13.774
			60	750.5	13.068
	20	20	15	738.0	18.888
			30	738.0	18.278
			60	738.0	17.293
			15	743.0	18.895
			30	743.0	18.278
			60	743.0	17.299
			15	748.0	18.900
			30	748.0	18.283
			60	748.0	17.295

Table 22 Occupied Bandwidth QPSK Input

Modulation	Bandwidth	Sub Carrier	Operation Frequency	Reading	
	(MHz)	(kHz)	(MHz)	(MHz)	
QPSK	5	15	730.5	4.5262	
		30	730.5	3.9651	
		15	743.0	4.5342	
		30	743.0	3.9667	
		15	755.5	4.5244	
		30	755.5	3.9637	
	10	10	15	733.0	9.3256
			30	733.0	8.6248
			60	733.0	7.9364
			15	743.0	9.3419
			30	743.0	8.6368
			60	743.0	7.9541
			15	753.0	9.3245
			30	753.0	8.6288
			60	753.0	7.9418
	15	15	15	735.5	14.120
			30	735.5	13.649
			60	735.5	13.147
			15	743.0	14.144
			30	743.0	13.680
			60	743.0	13.214
			15	750.5	14.136
			30	750.5	13.675
			60	750.5	13.164
	20	20	15	738.0	18.826
			30	738.0	18.155
			60	738.0	17.352
			15	743.0	18.861
			30	743.0	18.184
			60	743.0	17.406
			15	748.0	18.872
			30	748.0	18.177
			60	748.0	17.370

Table 23 Occupied Bandwidth QPSK Output

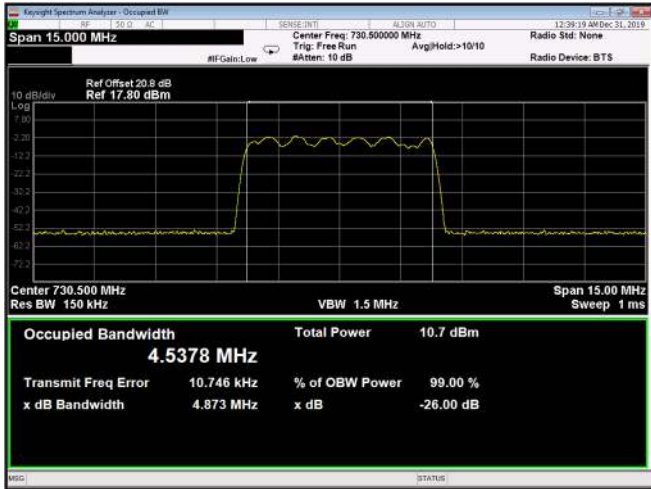


Figure 357: 16QAM 5MHz B.W.; 730.5MHz, 15kHz Input

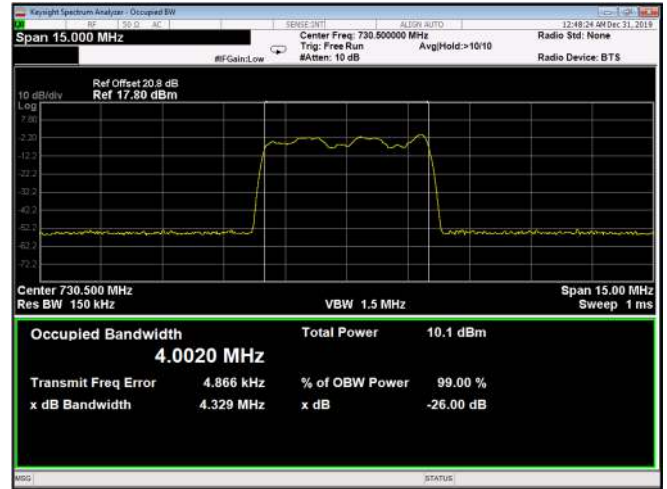


Figure 358: 16QAM 5MHz B.W.; 730.5MHz, 30kHz Input

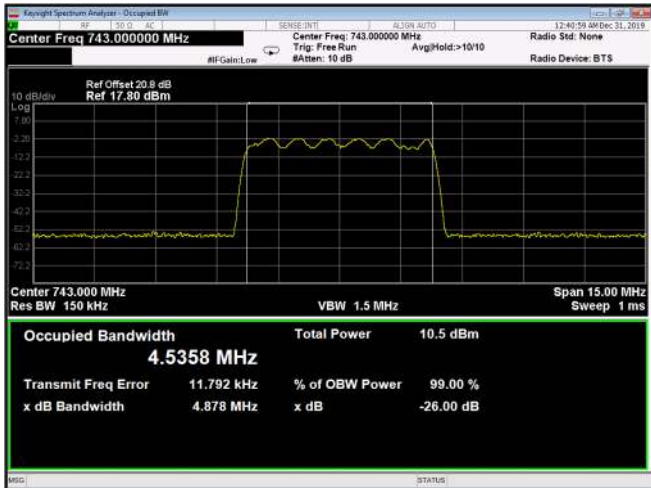


Figure 359: 16QAM 5MHz B.W.; 743.0MHz, 15kHz Input

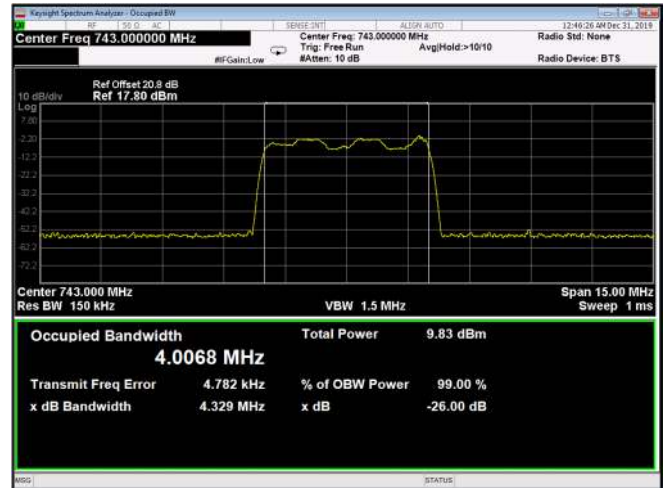


Figure 360: 16QAM 5MHz B.W.; 743.0MHz, 30kHz Input

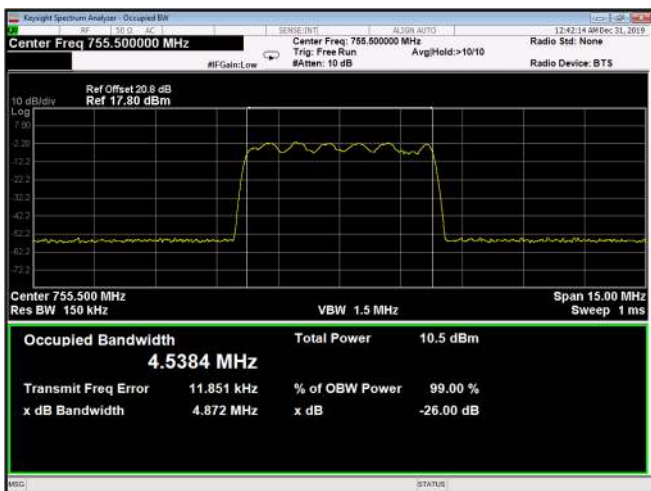


Figure 361: 16QAM 5MHz B.W.; 755.5MHz, 15kHz Input

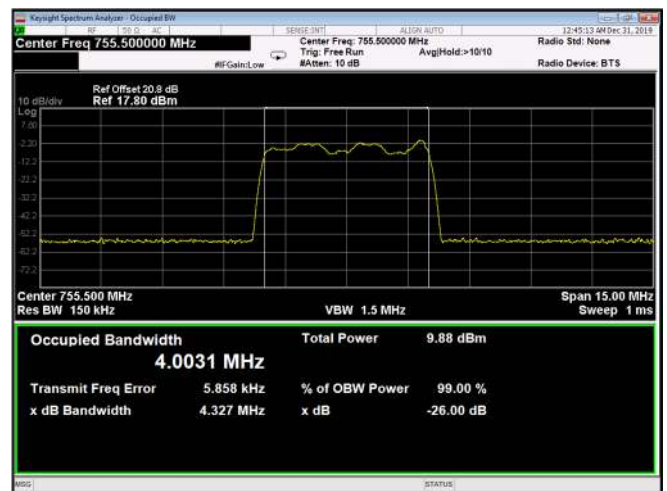


Figure 362: 16QAM 5MHz C.S.; 755.5MHz, 30kHz Input

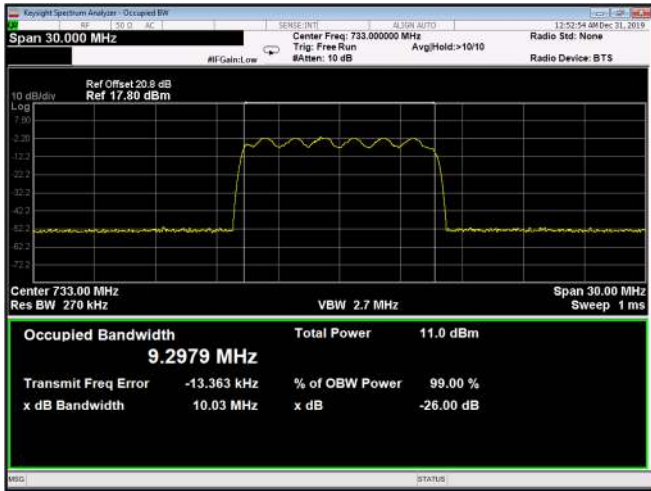


Figure 363: 16QAM 10MHz B.W.; 733.0MHz, 15kHz Input

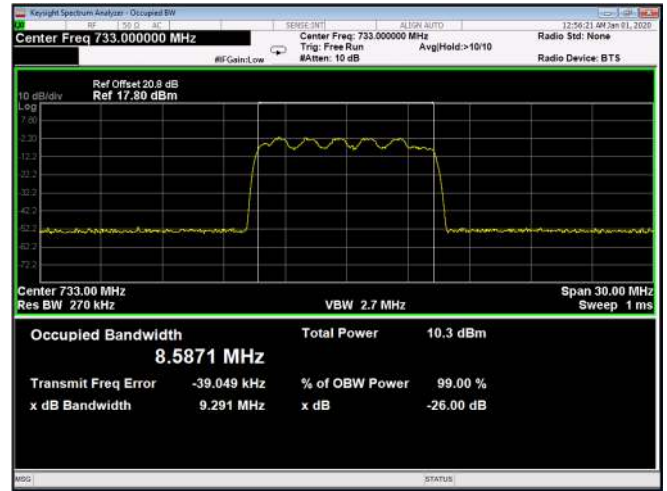


Figure 364: 16QAM 10MHz B.W.; 733.0MHz, 30kHz Input

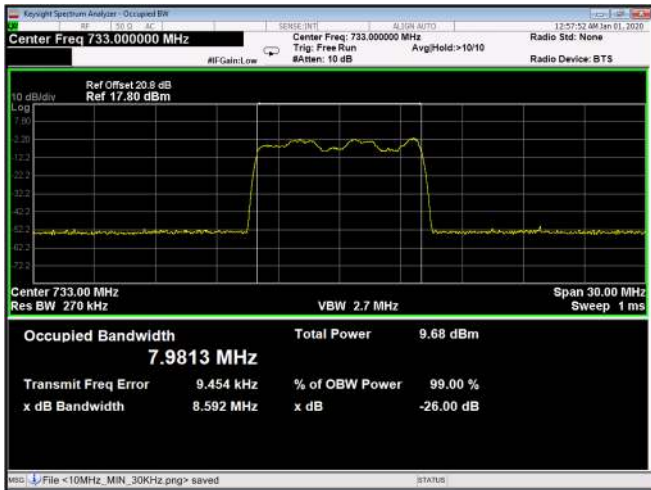


Figure 365: 16QAM 10MHz B.W.; 733.0MHz, 60kHz Input

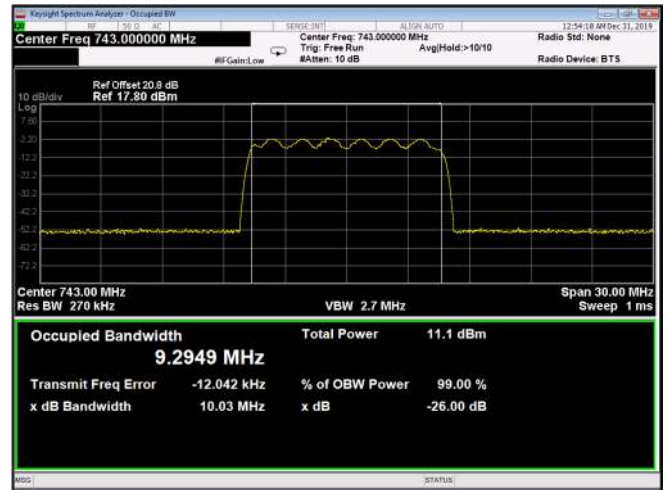


Figure 366: 16QAM 10MHz B.W.; 743.0MHz, 15kHz Input

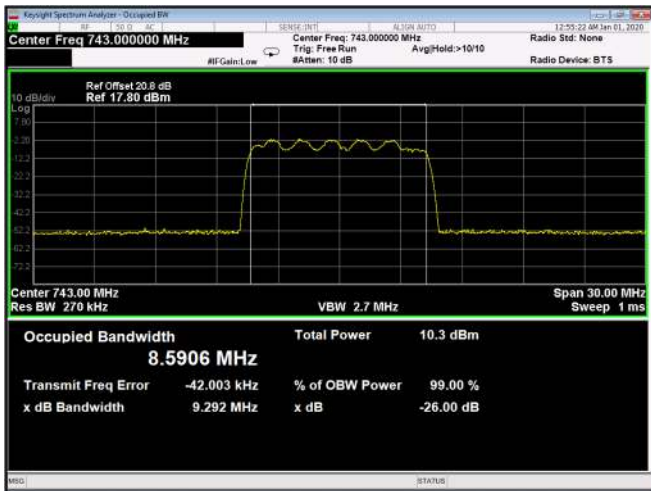


Figure 367: 16QAM 10MHz B.W.; 743.0MHz, 30kHz Input

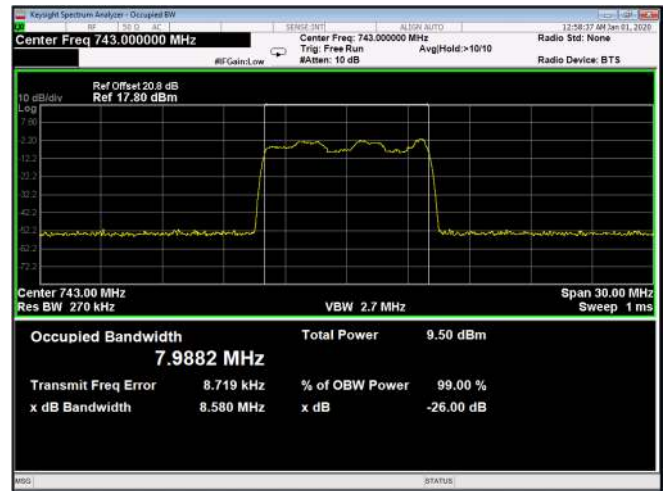


Figure 368: 16QAM 10MHz B.W.; 743.0MHz, 60kHz Input

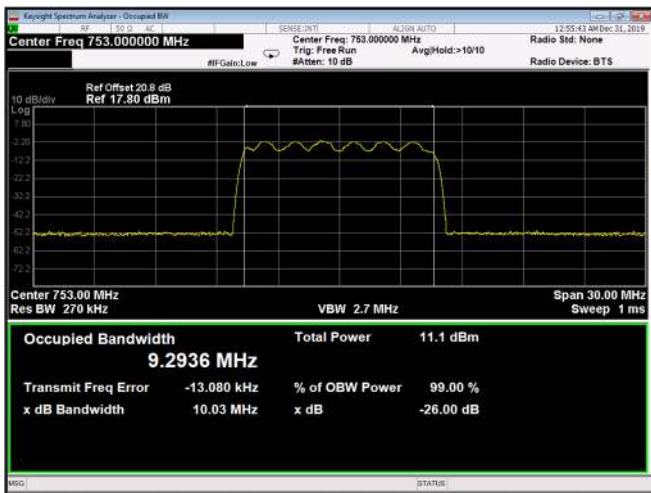


Figure 369: 16QAM 10MHz B.W.; 753.0MHz, 15kHz Input

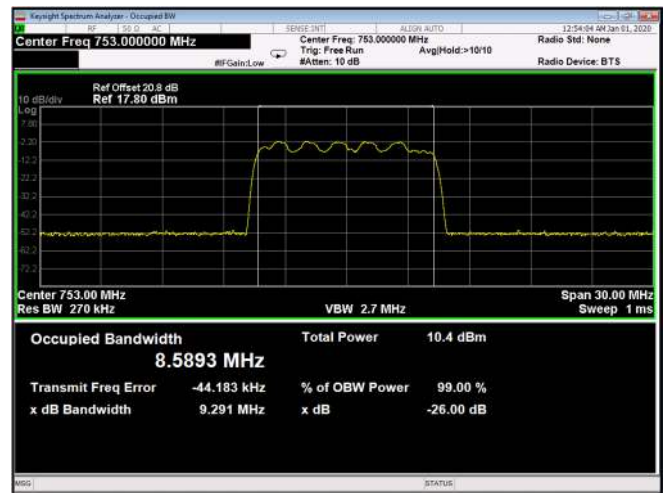


Figure 370: 16QAM 10MHz C.S; 753.0MHz, 30kHz Input

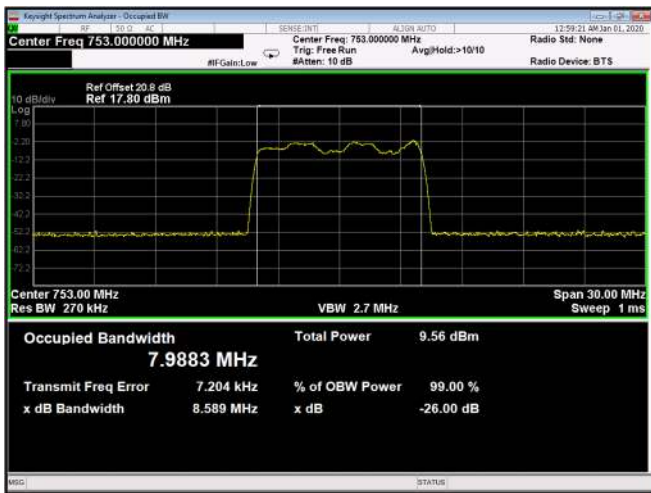


Figure 371: 16QAM 10MHz B.W.; 753.0MHz, 60kHz Input

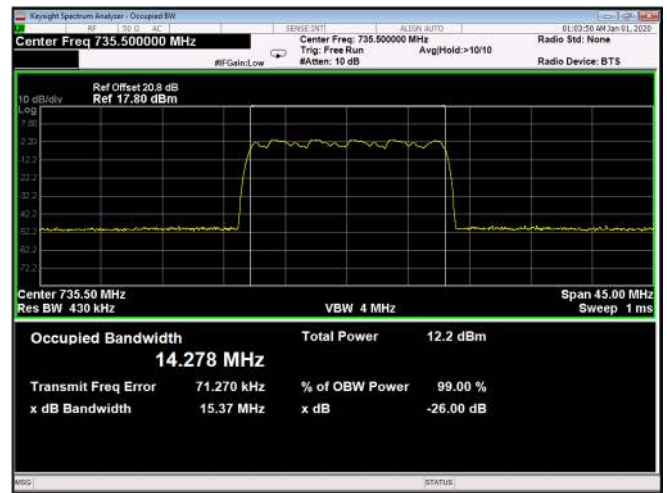


Figure 372: 16QAM 15MHz B.W.; 735.5MHz, 15kHz Input

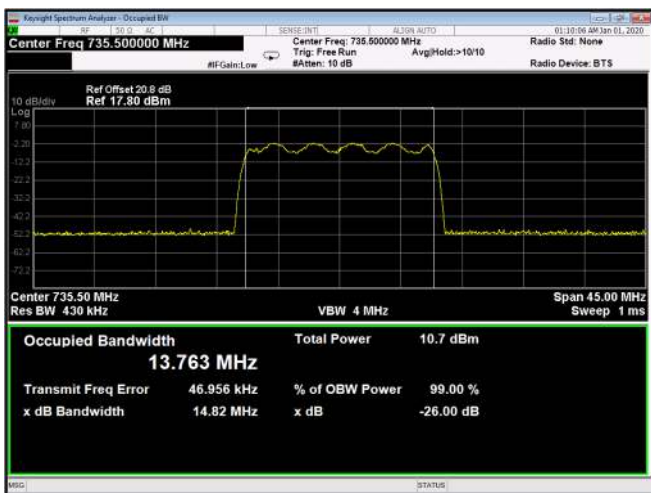


Figure 373: 16QAM 15MHz B.W.; 735.5MHz, 30kHz Input

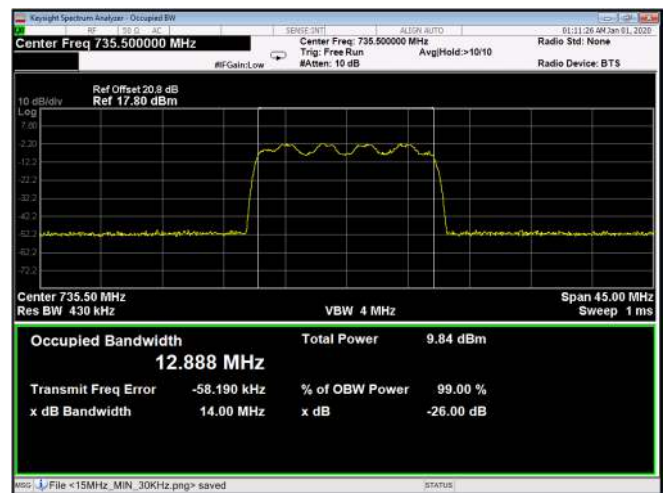


Figure 374: 16QAM 15MHz B.W.; 735.5MHz, 60kHz Input

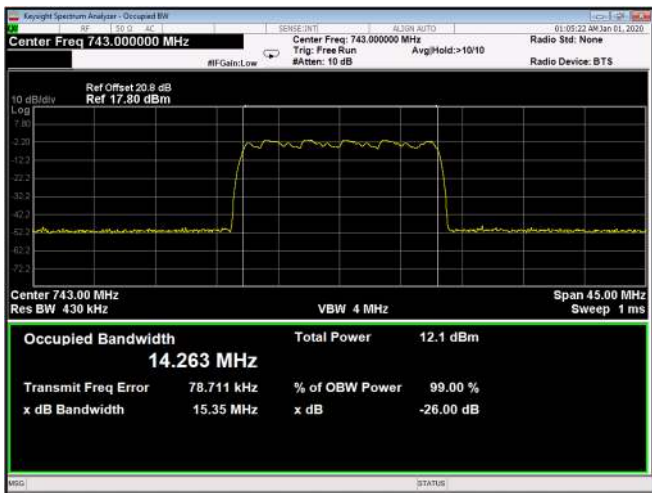


Figure 375: 16QAM 15MHz B.W.; 743.0MHz, 15kHz Input

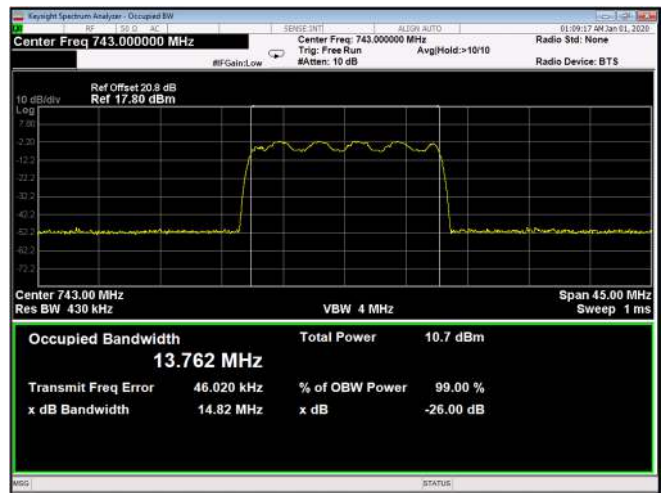


Figure 376: 16QAM 15MHz B.W.; 743.0MHz, 30 kHz Input

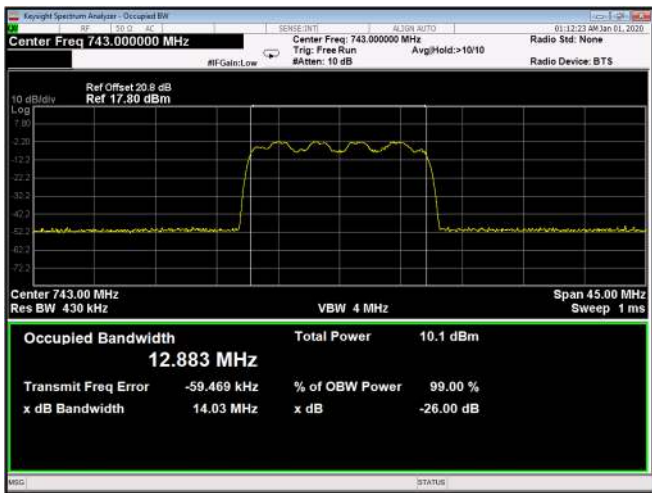


Figure 377: 16QAM 15MHz B.W.; 743.0MHz, 60kHz Input

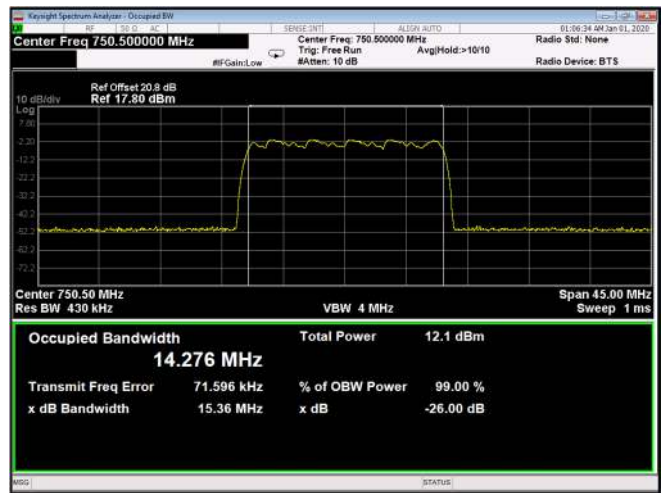


Figure 378: 16QAM 15MHz B.W.; 750.5MHz, 15kHz Input

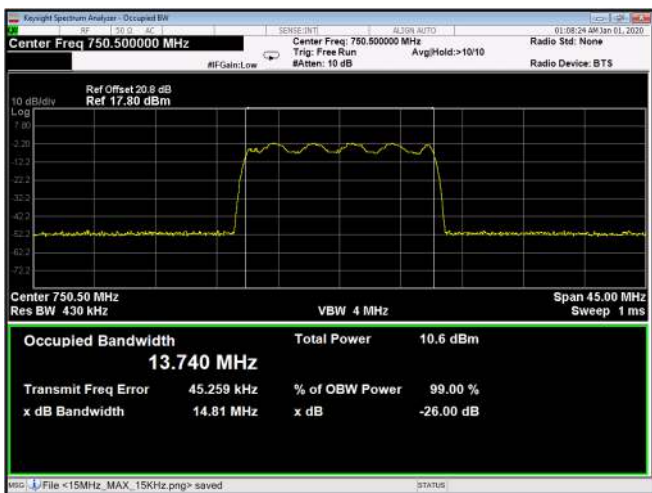


Figure 379: 16QAM 15MHz B.W.; 750.5MHz, 30kHz Input

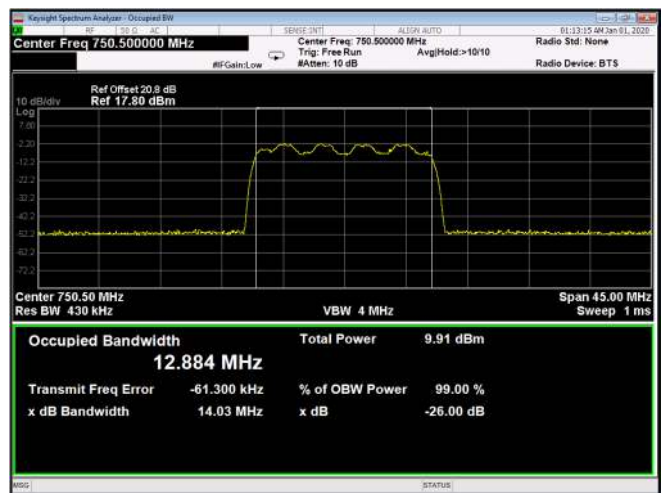


Figure 380: 16QAM 15MHz; 750.5MHz, 60kHz Input

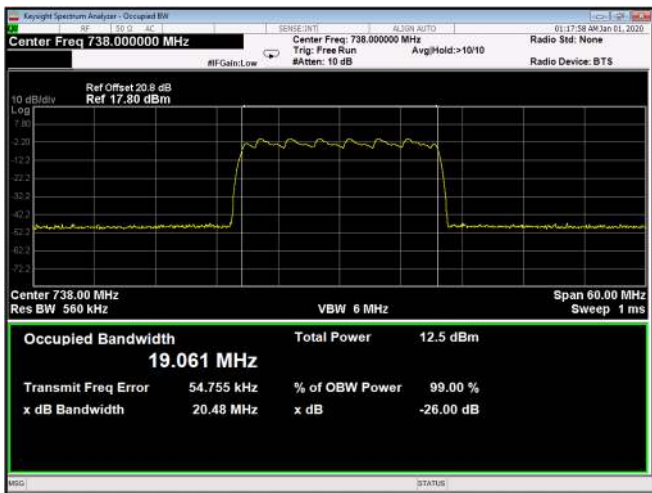


Figure 381: 16QAM 20MHz B.W.; 738.0MHz, 15 kHz Input

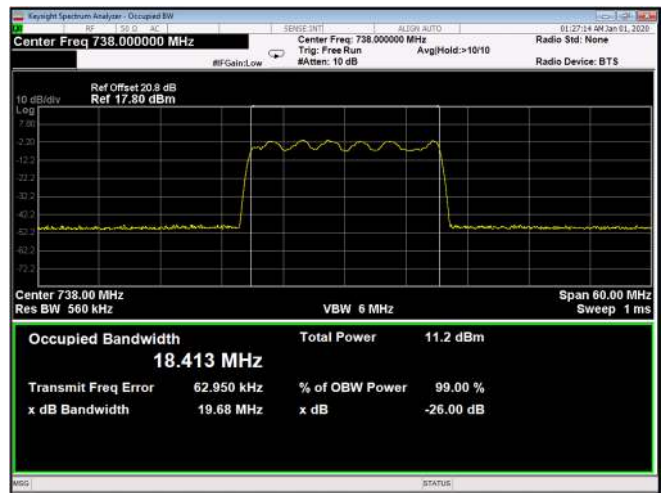


Figure 382: 16QAM 20MHz B.W.; 738.0MHz, 30kHz Input

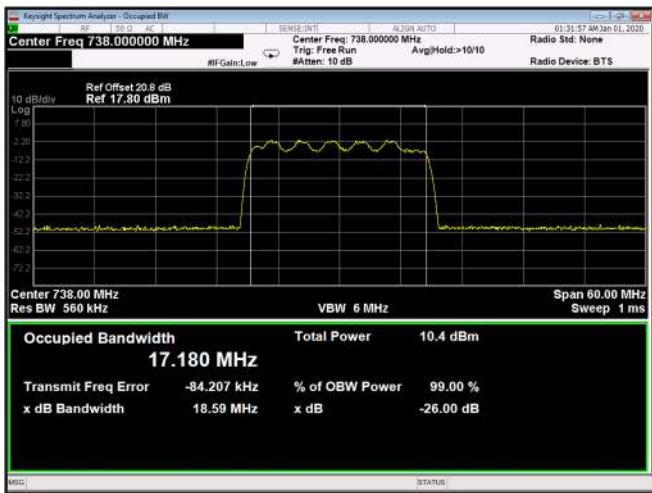


Figure 383: 16QAM 20MHz B.W.; 738.0MHz, 60kHz Input

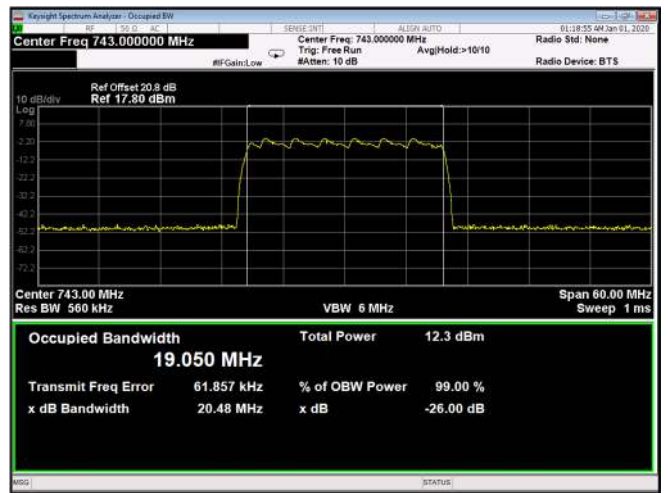


Figure 384: 16QAM 20MHz B.W.; 743.0MHz, 15kHz Input

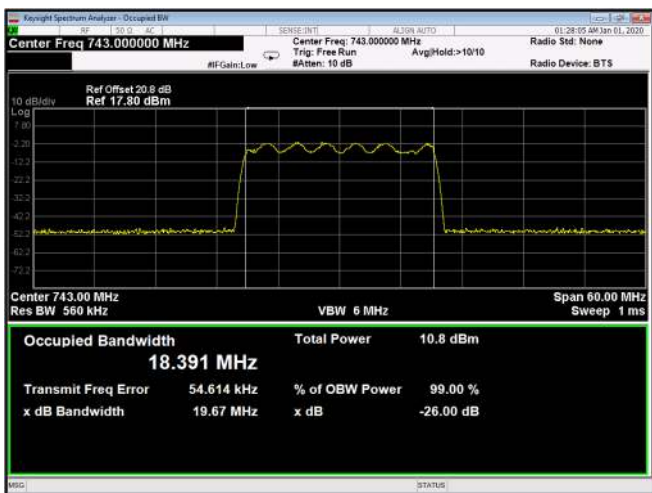


Figure 385: 16QAM 20MHz B.W.; 743.0MHz, 30kHz Input

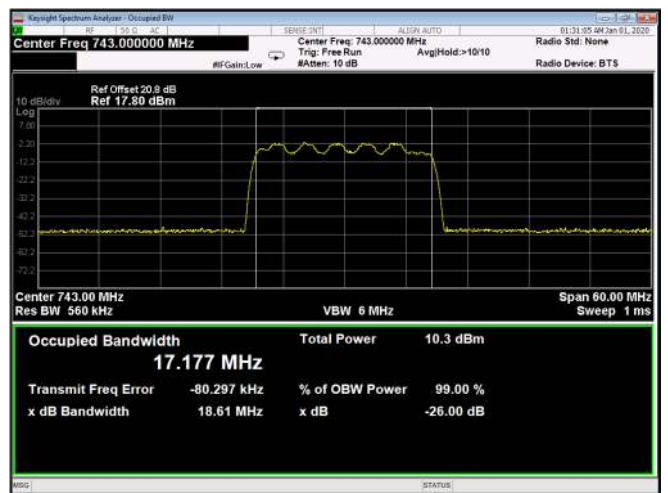


Figure 386: 16QAM 20MHz B.W.; 743.0MHz, 60kHz Input

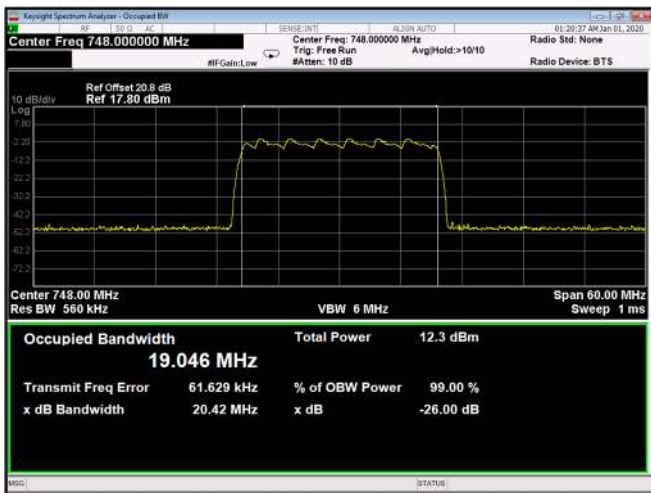


Figure 387: 16QAM 20MHz B.W.; 748.0MHz, 15kHz Input

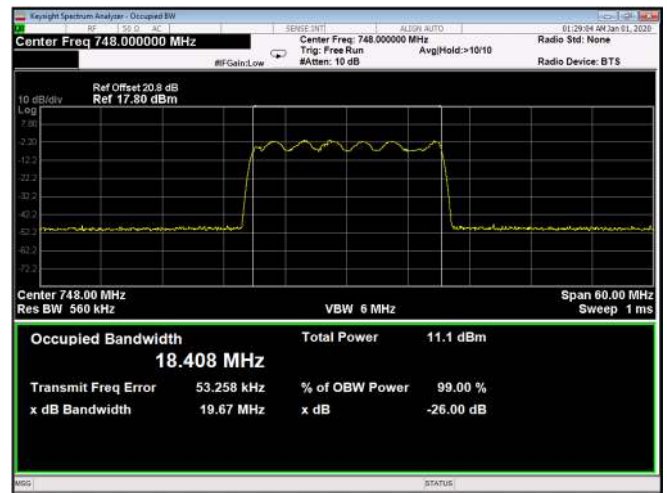


Figure 388: 16QAM 20MHz B.W.; 748.0MHz, 30kHz Input

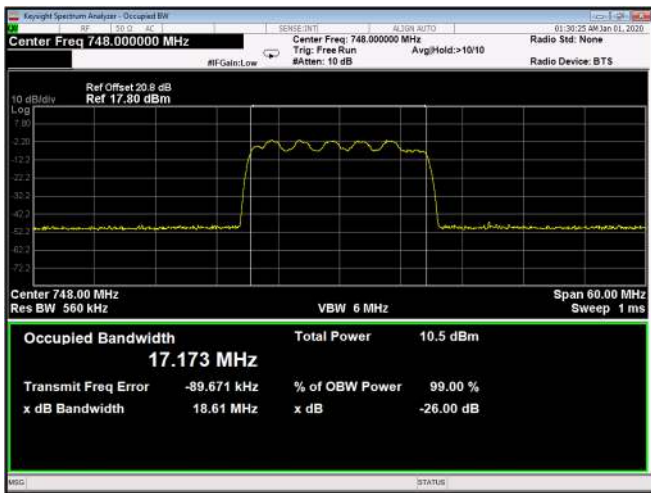


Figure 389: 16QAM 20MHz B.W.; 748.0MHz, 60kHz Input

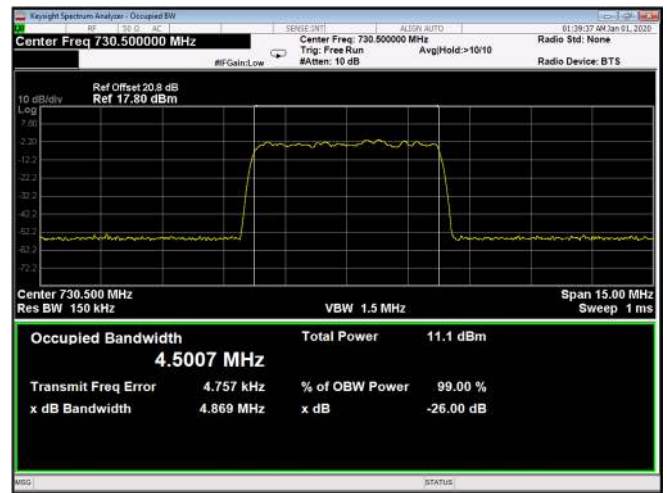


Figure 390: 64QAM 5MHz B.W.; 730.5MHz, 15kHz Input

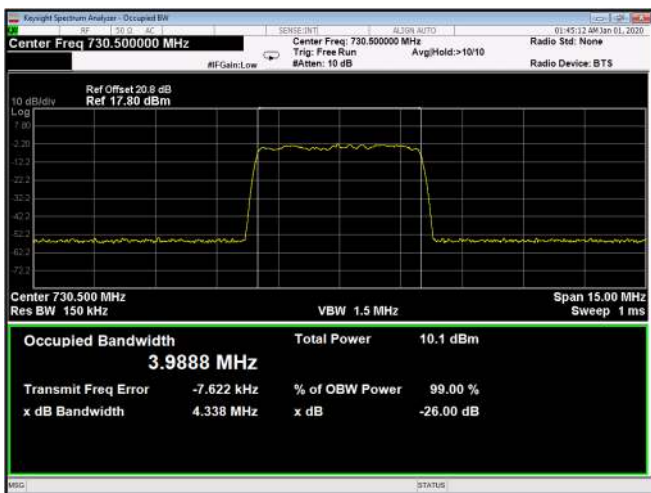


Figure 391: 64QAM 5MHz B.W.; 730.5MHz, 30kHz Input

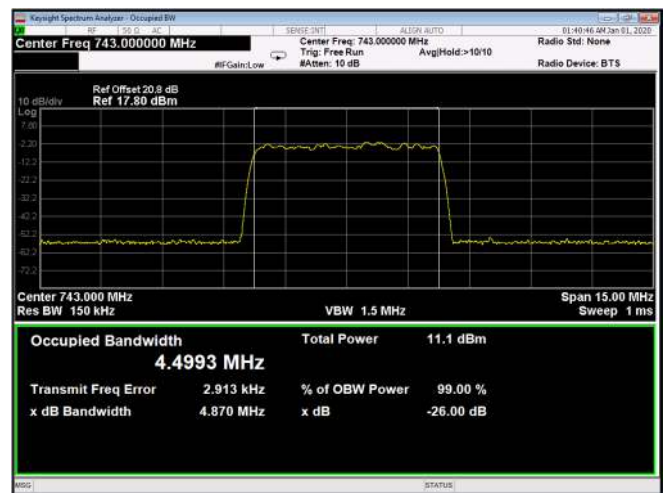


Figure 392: 64QAM 5MHz B.W.; 743.0MHz, 15kHz Input

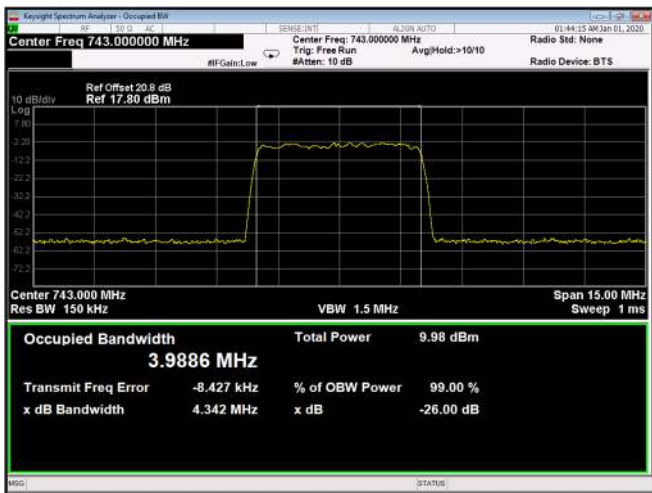


Figure 393: 64QAM 5MHz B.W.; 743.0MHz, 30kHz Input

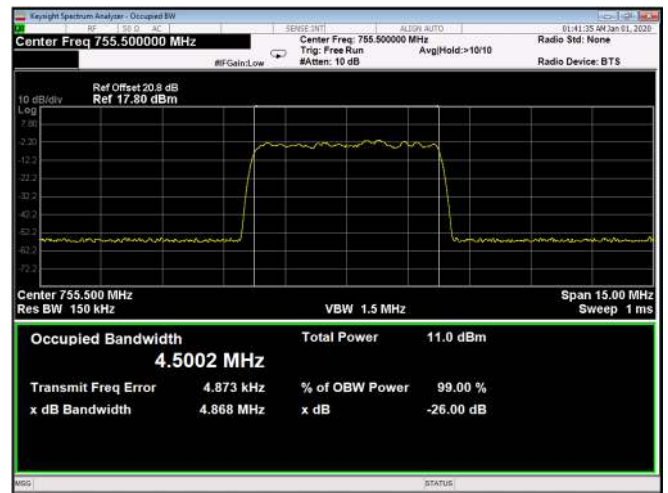


Figure 394: 64QAM 5MHz B.W.; 755.5MHz, 15kHz Input

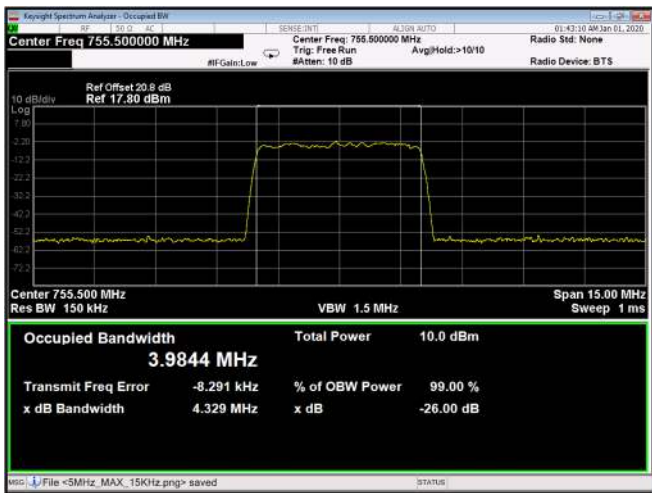


Figure 395: 64QAM 5MHz B.W.; 755.5MHz, 30kHz Input

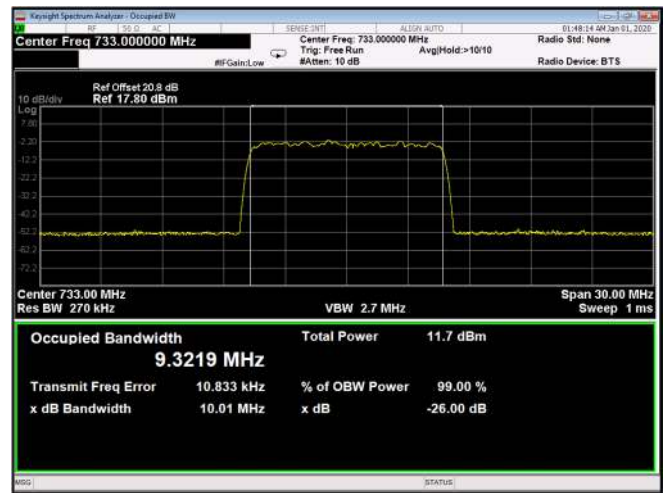


Figure 396: 64QAM 10MHz B.W.; 733.0MHz, 15kHz Input

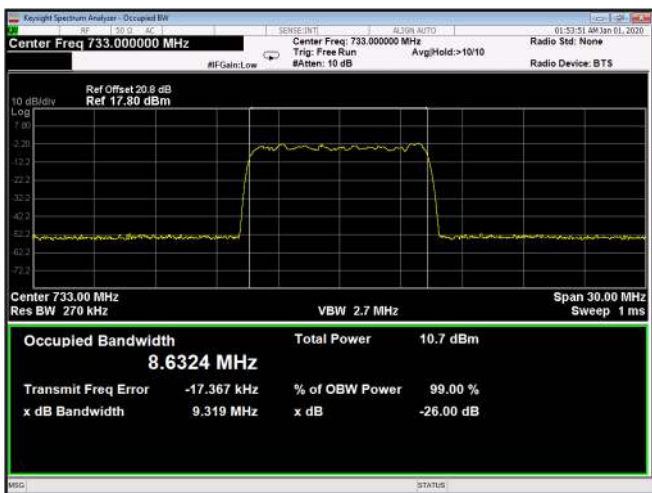


Figure 397: 64QAM 10MHz B.W.; 733.0MHz, 60kHz Input

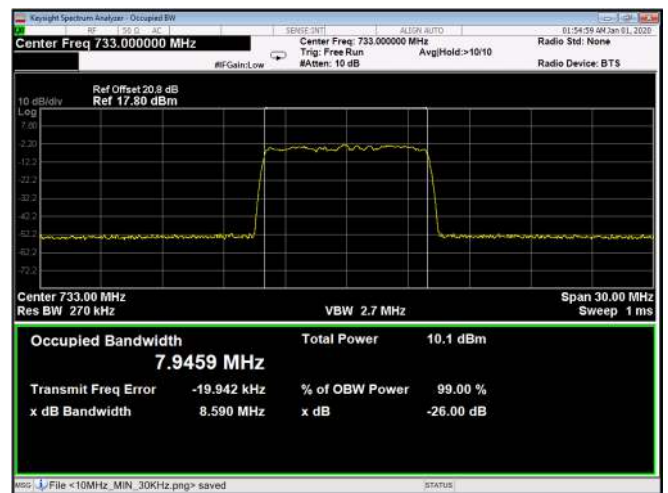


Figure 398: 64QAM 10MHz B.W.; 733.0MHz, 60kHz Input

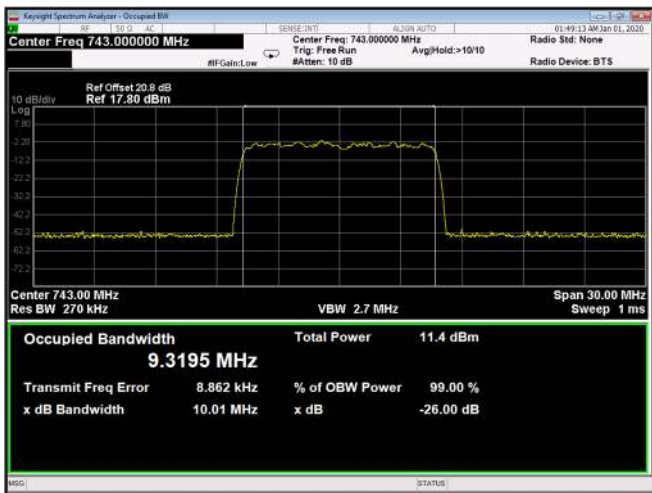


Figure 399: 64QAM 10MHz B.W.; 743.0MHz, 15kHz Input

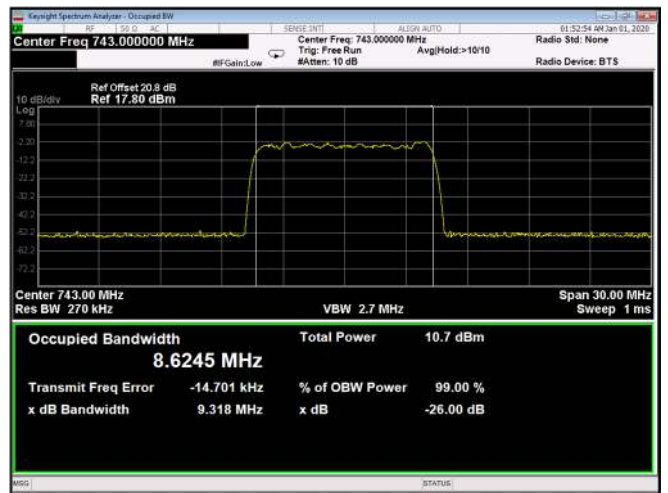


Figure 400: 64QAM 10MHz B.W.; 743.0MHz, 30kHz Input

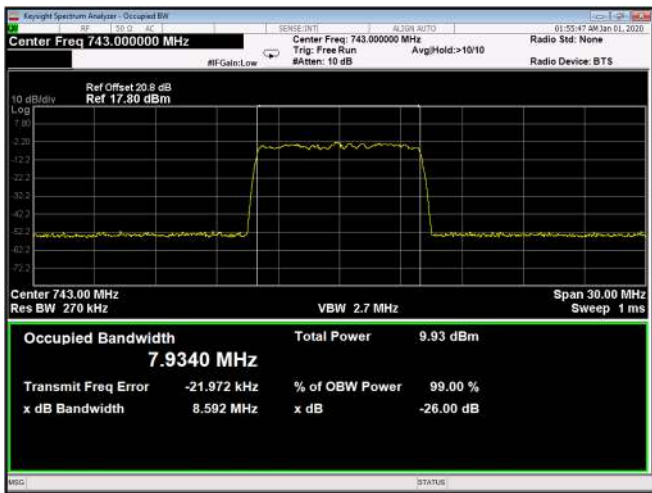


Figure 401: 64QAM 10MHz B.W.; 743.0MHz, 60kHz Input

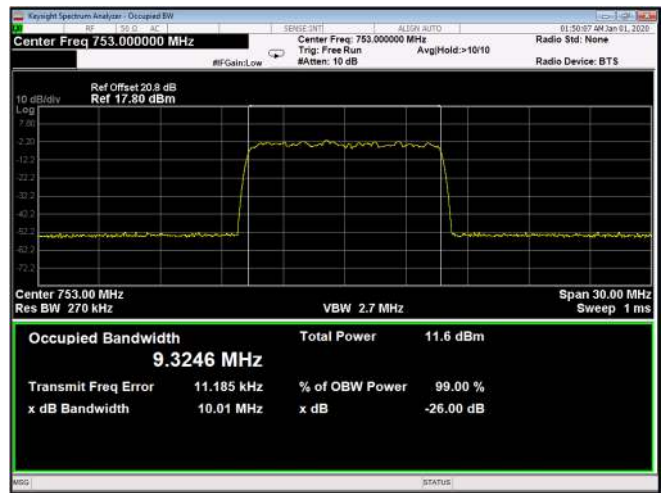


Figure 402: 64QAM 10MHz B.W.; 753.0MHz, 15kHz Input

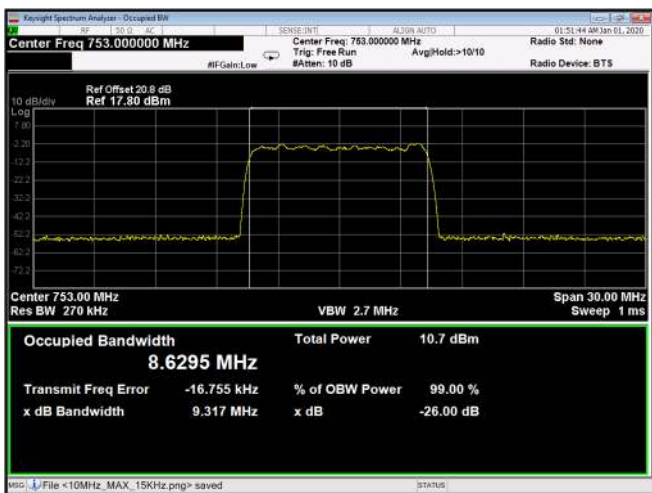


Figure 403: 64QAM 10MHz B.W.; 753.0MHz, 30kHz Input

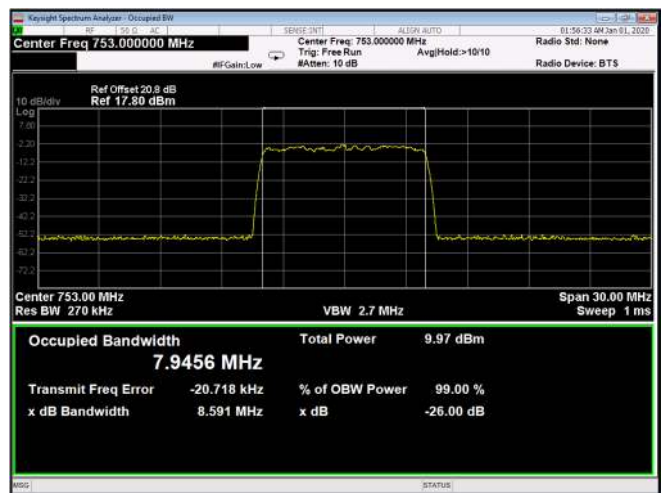


Figure 404: 64QAM 10MHz B.W.; 753.0 MHz, 60kHz Input

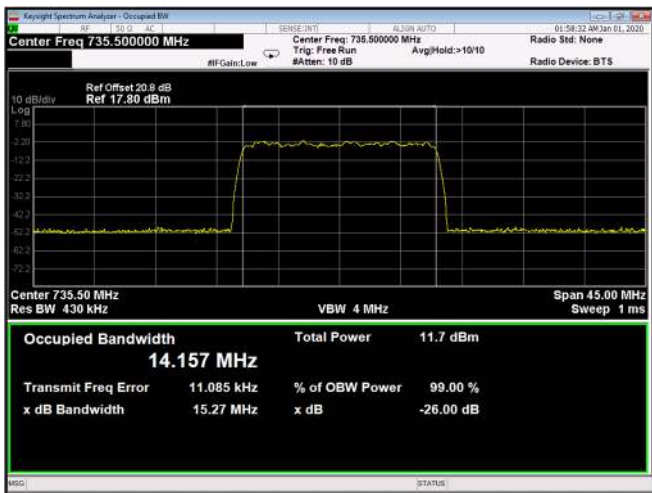


Figure 405: 64QAM 15MHz B.W.; 735.5MHz, 15kHz Input

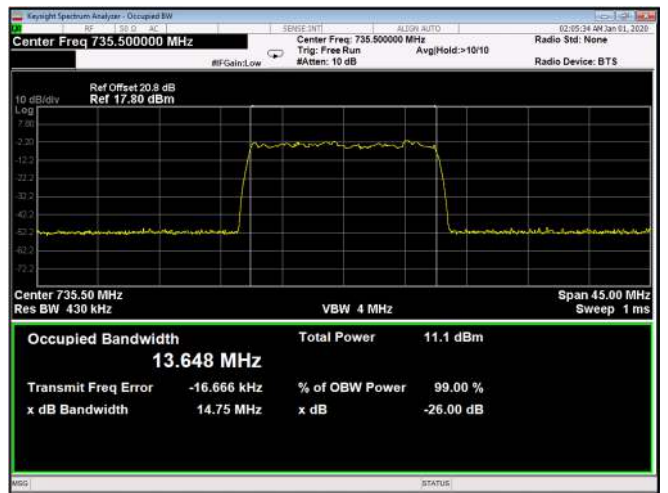


Figure 406: 64QAM 15MHz B.W.; 735.5MHz, 30kHz Input

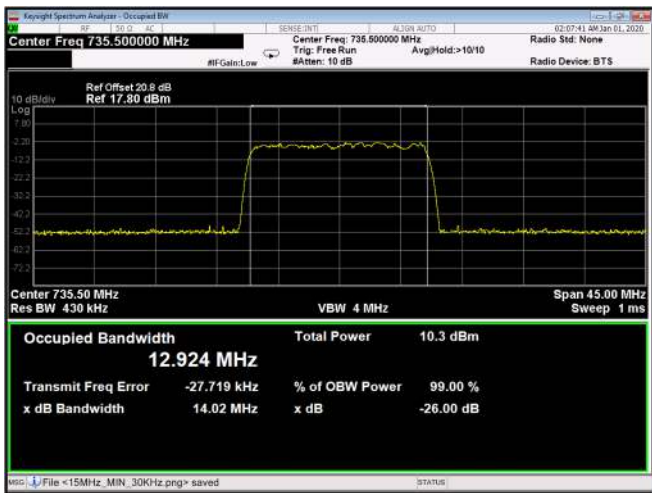


Figure 407: 64QAM 15MHz B.W.; 735.5MHz, 60kHz Input

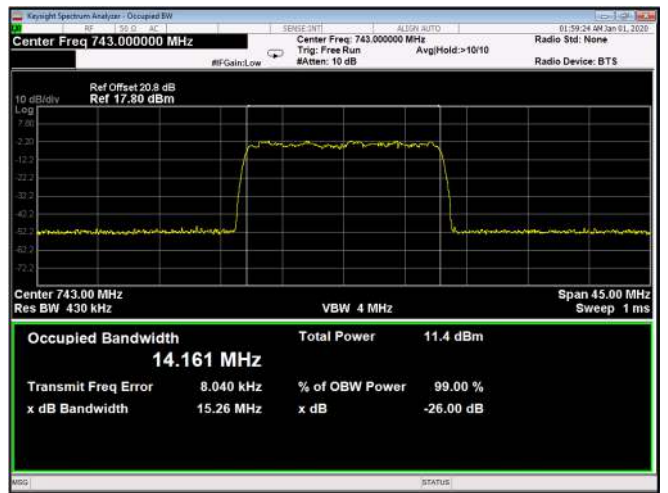


Figure 408: 64QAM 15MHz B.W.; 743.0MHz, 15kHz Input

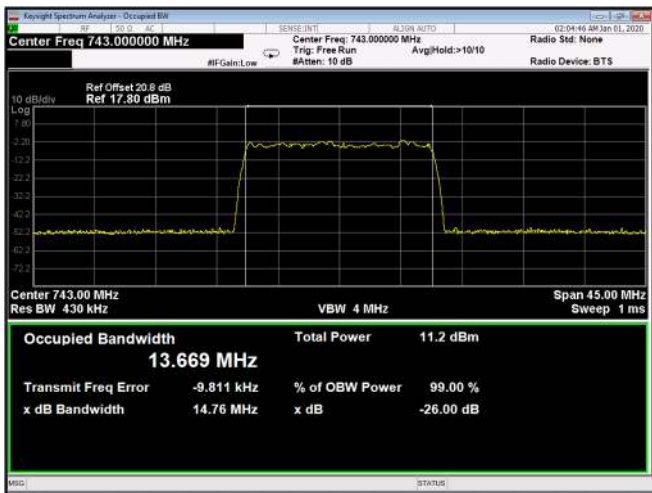


Figure 409: 64QAM 15MHz B.W.; 743.0MHz, 30kHz Input

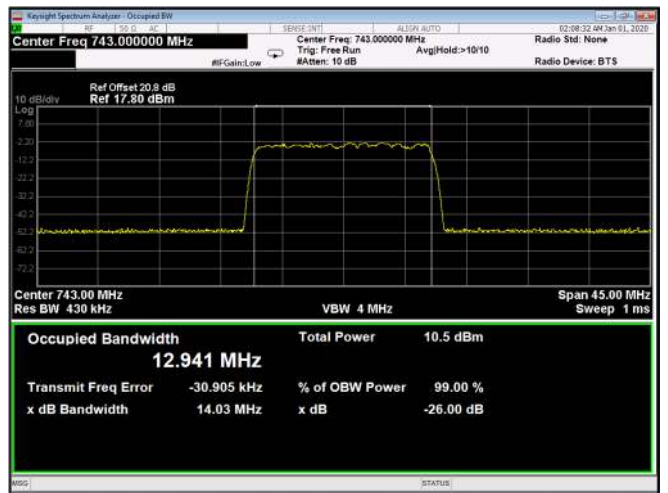


Figure 410: 64QAM 15MHz B.W.; 743.0MHz, 60kHz Input

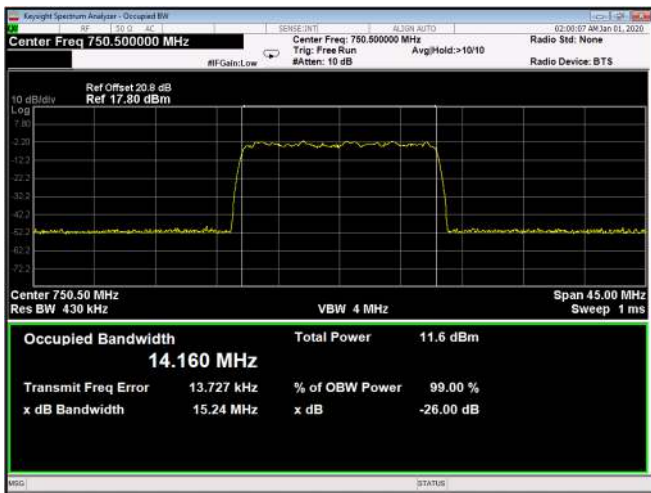


Figure 411: 64QAM 15MHz B.W.; 750.5MHz, 15kHz Input

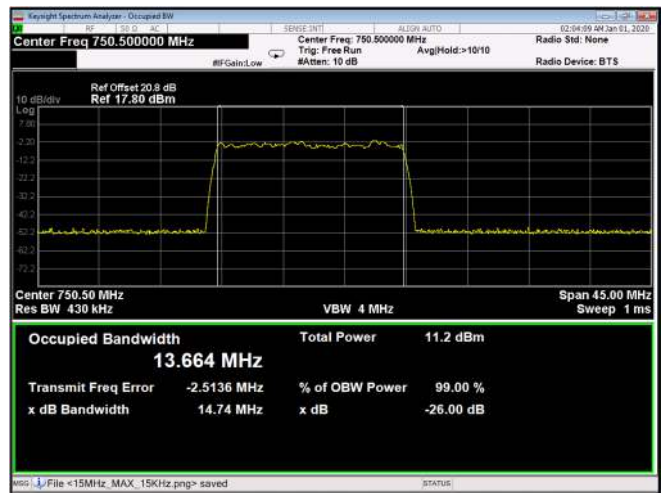


Figure 412: 64QAM 15MHz B.W.; 750.5MHz, 30kHz Input

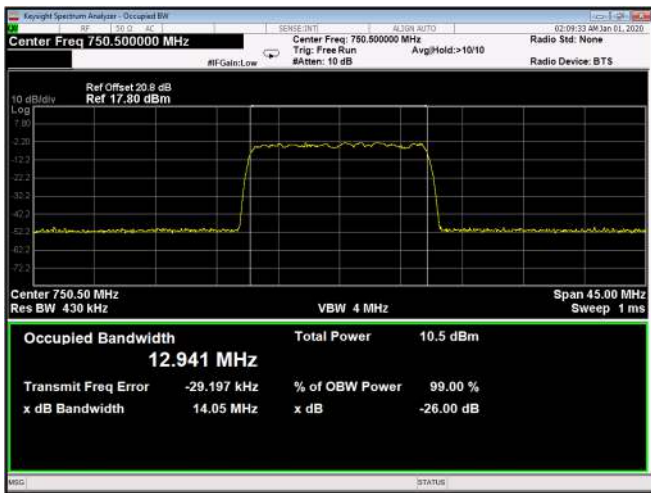


Figure 413: 64QAM 15MHz B.W.; 750.5MHz, 60kHz Input

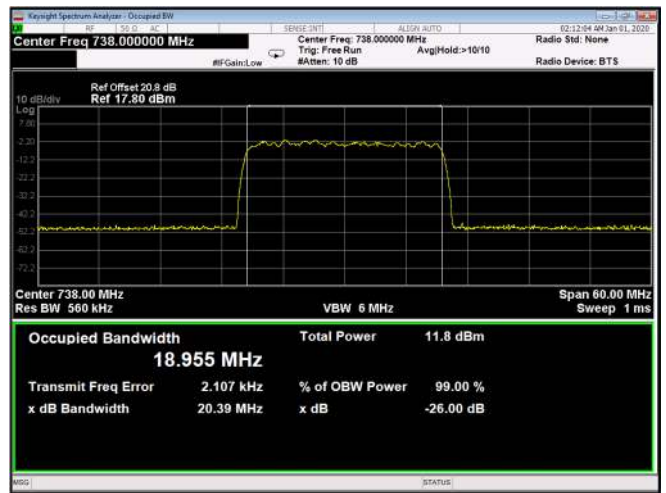


Figure 414: 64QAM 20MHz B.W.; 738.0MHz, 15kHz Input

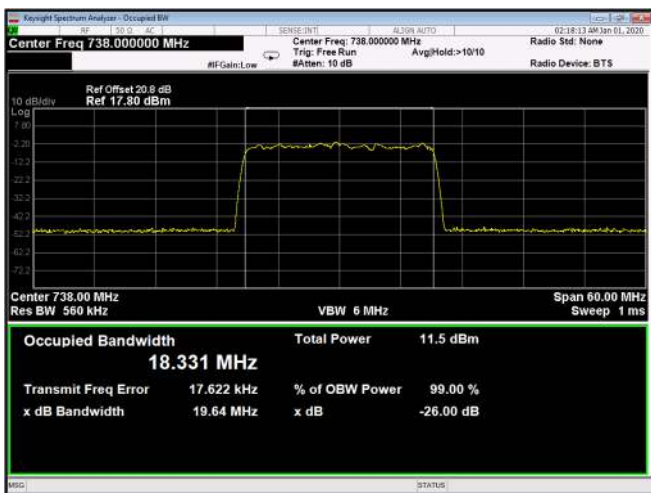


Figure 415: 64QAM 20MHz B.W.; 738.0MHz, 30kHz Input

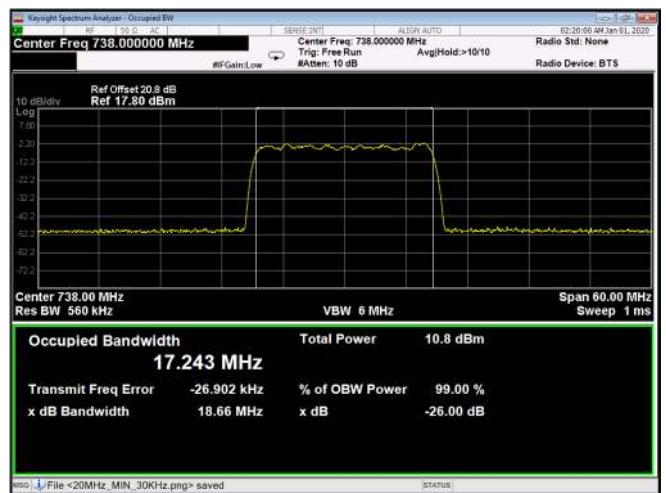


Figure 416: 64QAM 20MHz B.W.; 738.0MHz, 60kHz Input

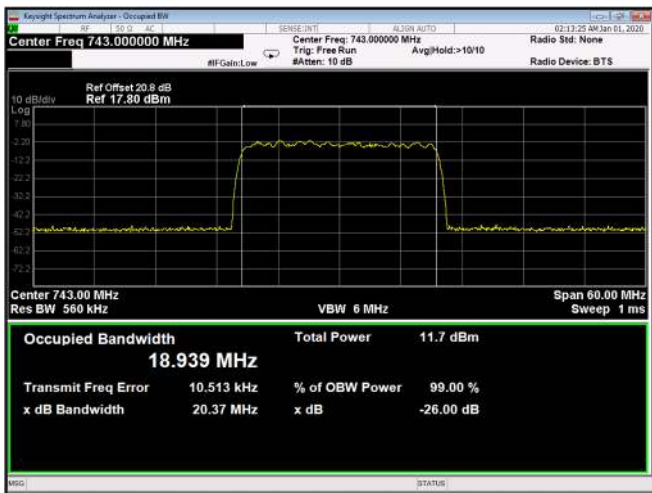


Figure 417: 64QAM 20MHz B.W.; 743.0MHz, 15kHz Input

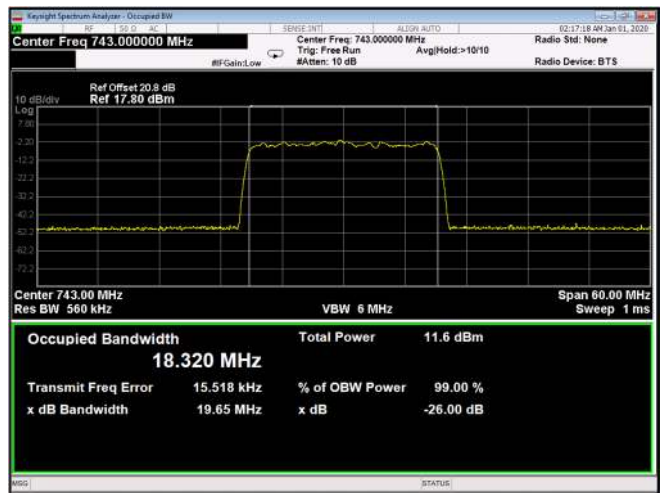


Figure 418: 64QAM 20MHz B.W.; 743.0MHz, 30kHz Input

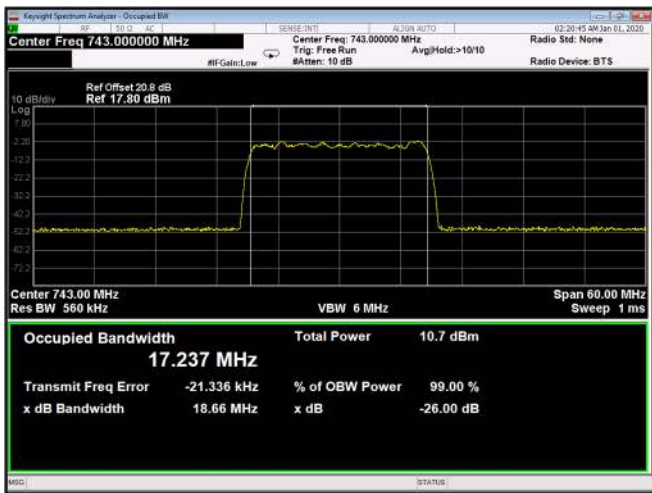


Figure 419: 64QAM 20MHz B.W.; 743.0MHz, 60kHz Input

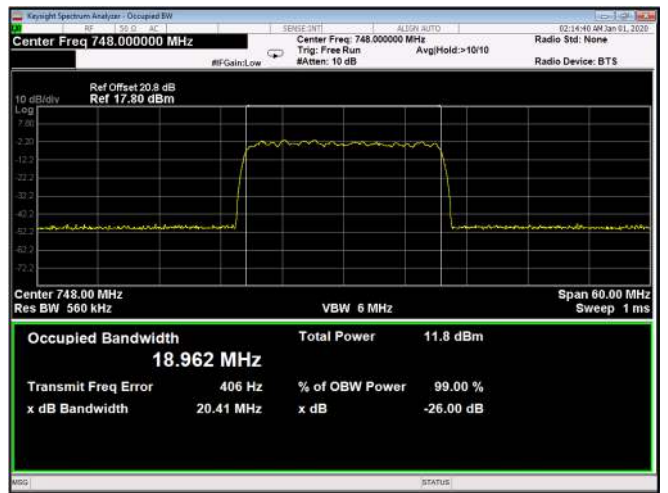


Figure 420: 64QAM 20MHz B.W.; 748.0MHz, 15kHz Input

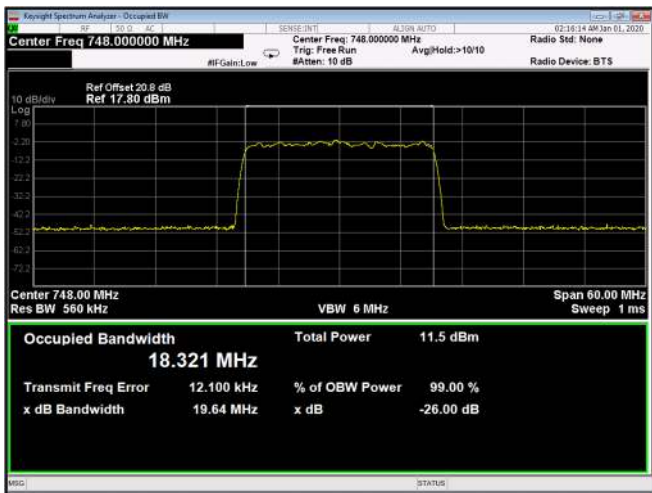


Figure 421: 64QAM 20MHz B.W.; 748.0MHz, 30kHz Input

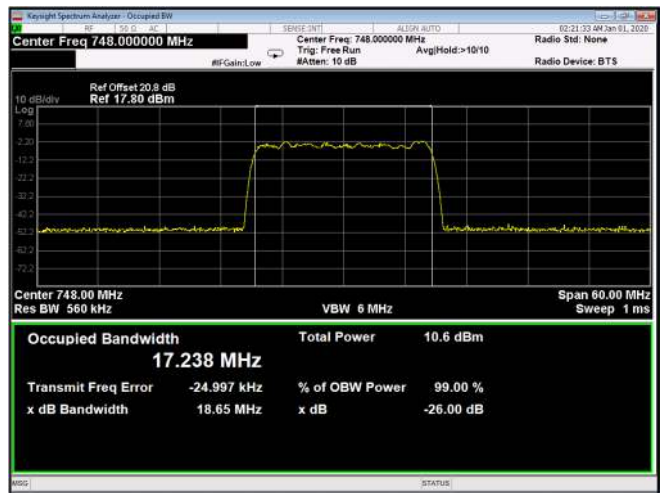


Figure 422: 64QAM 5MHz B.W.; 748.0MHz, 60kHz Input

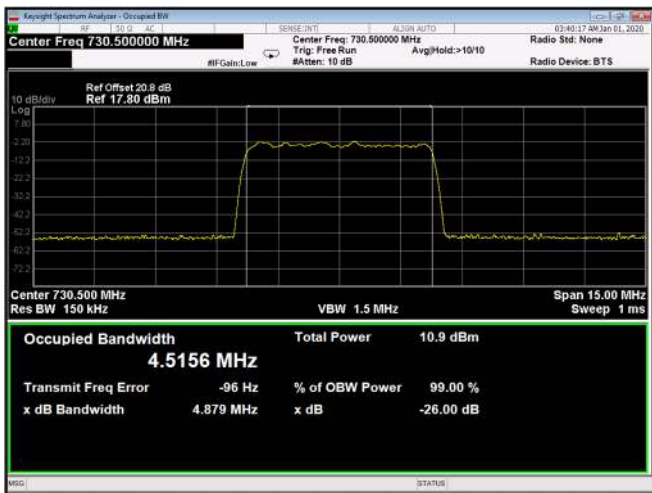


Figure 423: 256QAM 5MHz B.W.; 730.5MHz, 15kHz Input

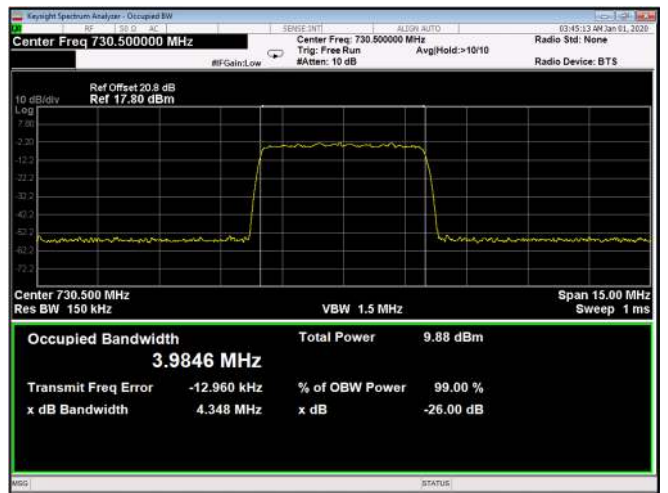


Figure 424: 256QAM 5MHz B.W.; 730.5MHz, 30kHz Input

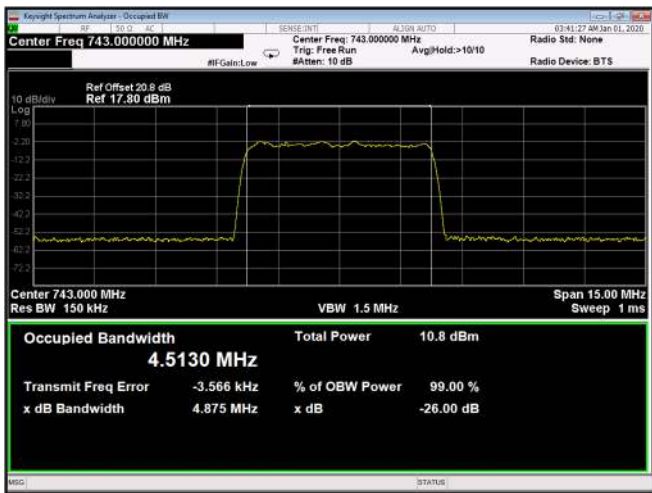


Figure 425: 256QAM 5MHz B.W.; 743.0MHz, 15kHz Input

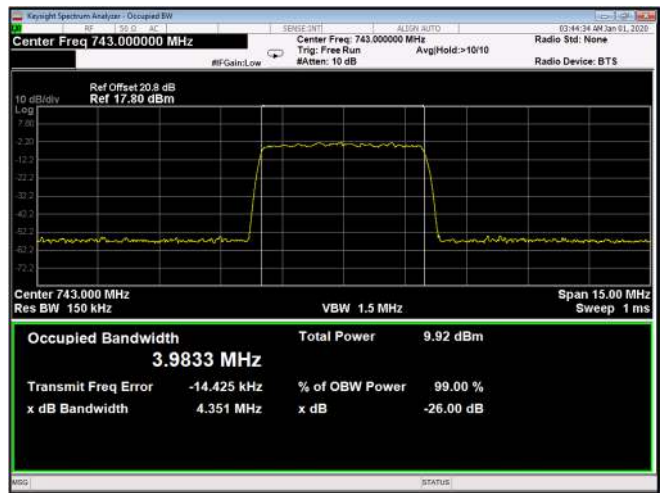


Figure 426: 256QAM 5MHz B.W.; 743.0MHz, 30kHz Input

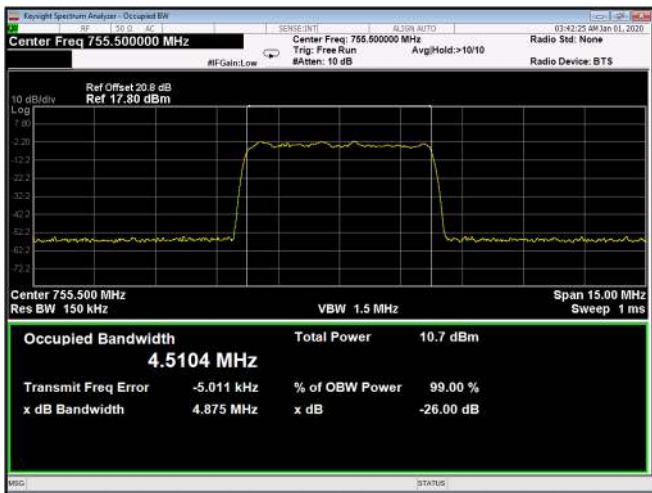


Figure 427: 256QAM 5MHz B.W.; 755.5MHz, 15kHz Input

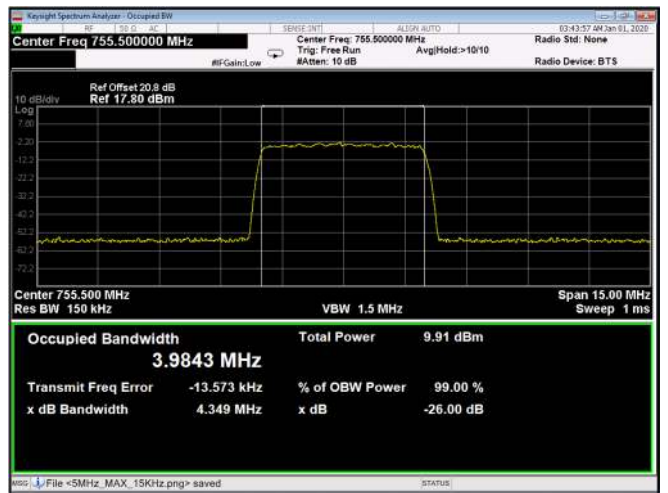


Figure 428: 256QAM 5MHz B.W.; 755.5MHz, 30kHz Input

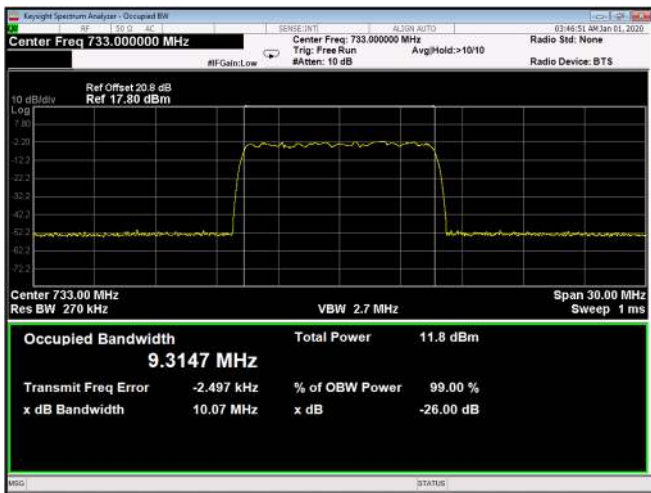


Figure 429: 256QAM 10MHz B.W.; 733.0MHz, 15kHz Input

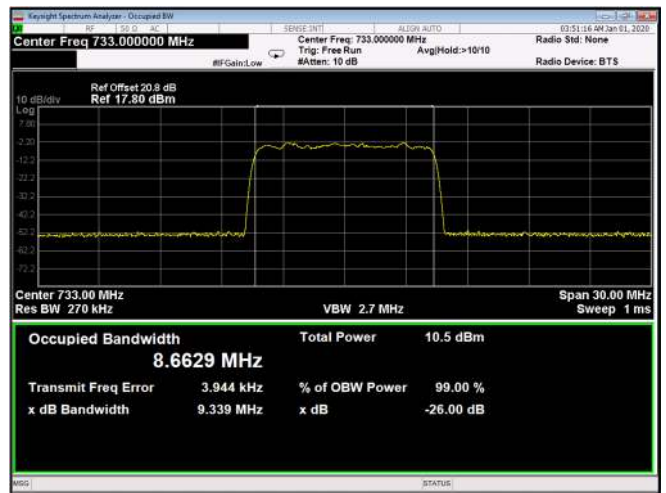


Figure 430: 256QAM 10MHz B.W.; 733.0MHz, 30kHz Input

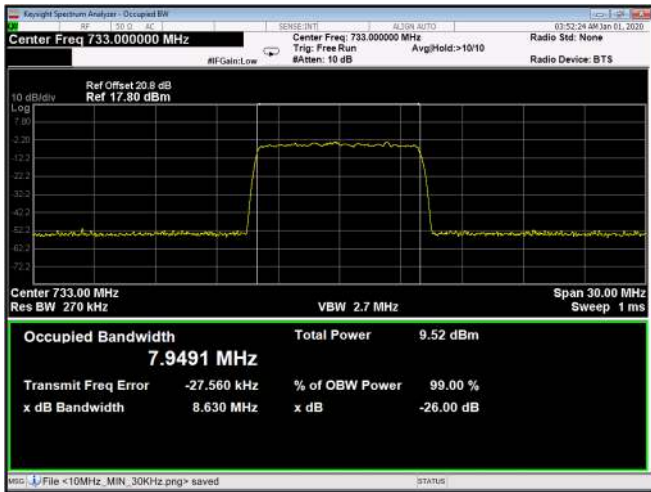


Figure 431: 256QAM 10MHz B.W.; 733.0MHz, 60kHz Input

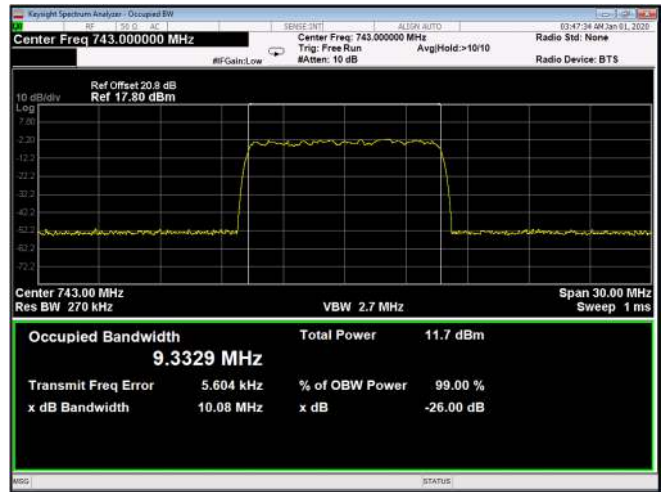


Figure 432: 256QAM 10MHz B.W.; 743.0MHz, 15kHz Input

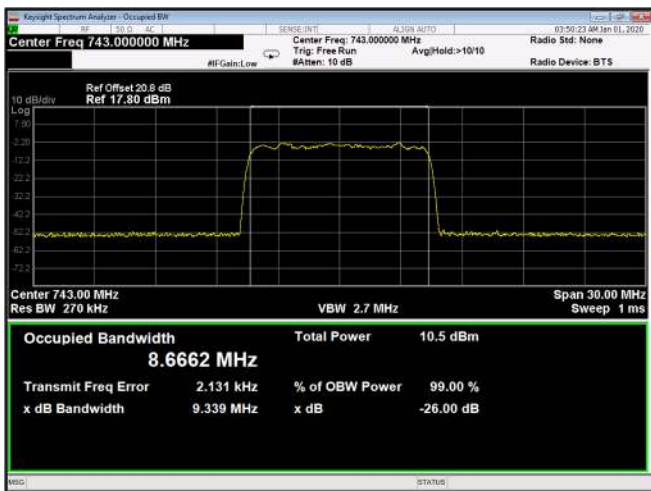


Figure 433: 256QAM 10MHz B.W.; 743.0MHz, 30kHz Input

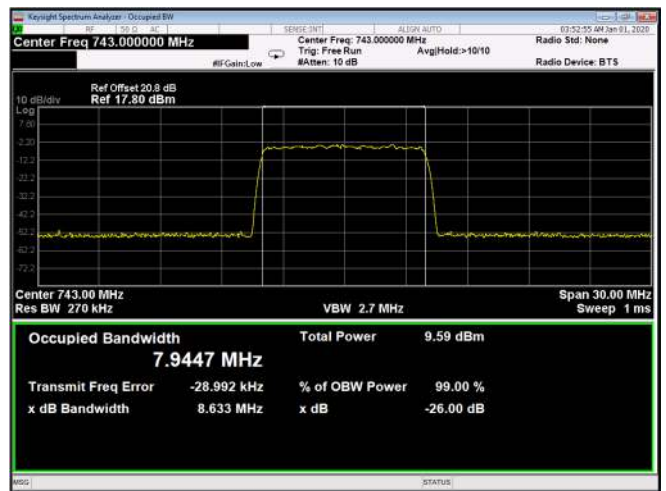


Figure 434: 256QAM 10MHz B.W.; 743.0MHz, 60kHz Input

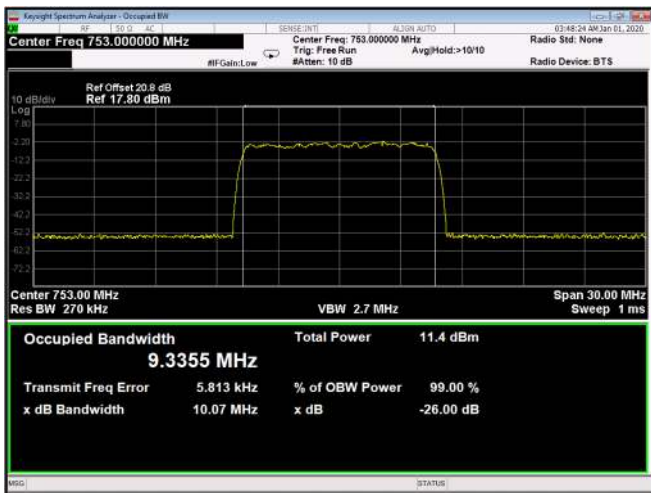


Figure 435: 256QAM 10MHz B.W.; 753.0MHz, 15kHz Input

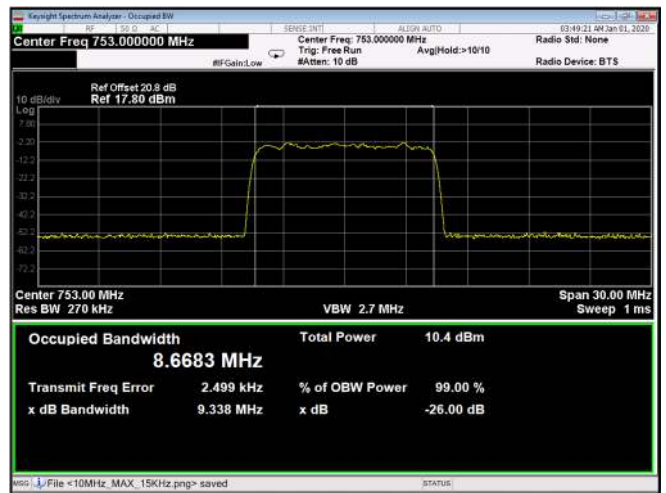


Figure 436: 256QAM 10MHz B.W.; 753.0MHz, 30kHz Input

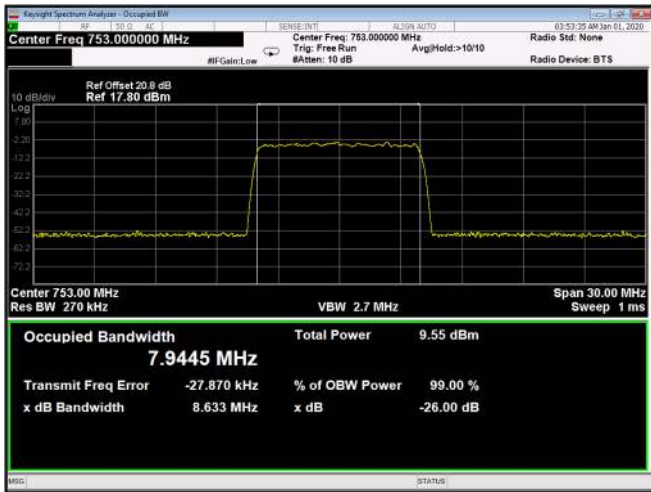


Figure 437: 256QAM 10MHz B.W.; 753.0MHz, 60kHz Input

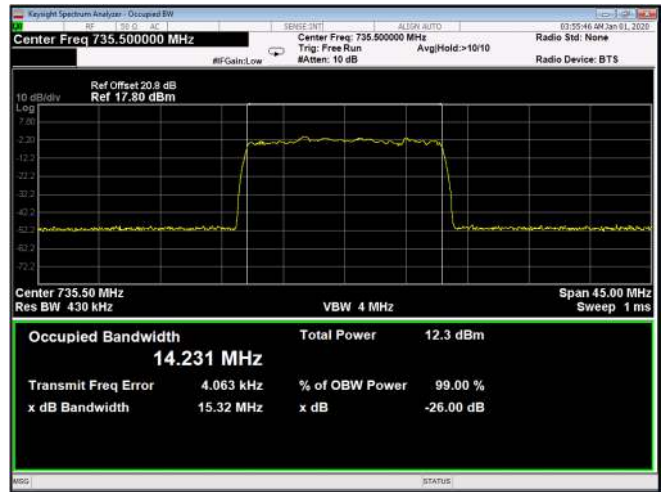


Figure 438: 256QAM 15MHz B.W.; 735.5MHz, 15kHz Input

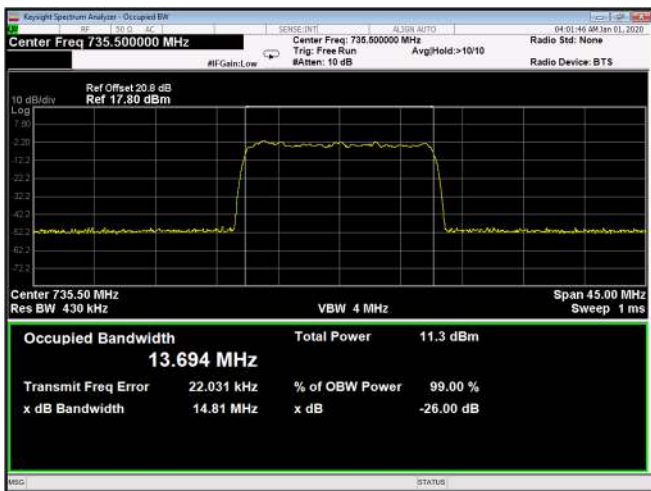


Figure 439: 256QAM 15MHz B.W.; 735.5MHz, 30kHz Input

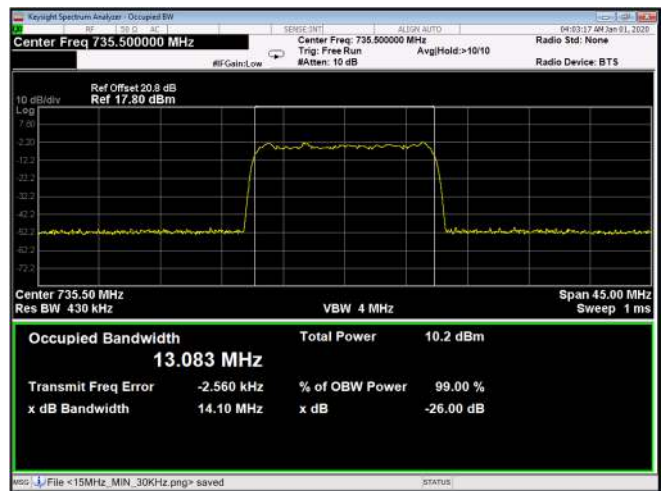


Figure 440: 256QAM 15MHz B.W.; 735.5MHz, 60kHz Input

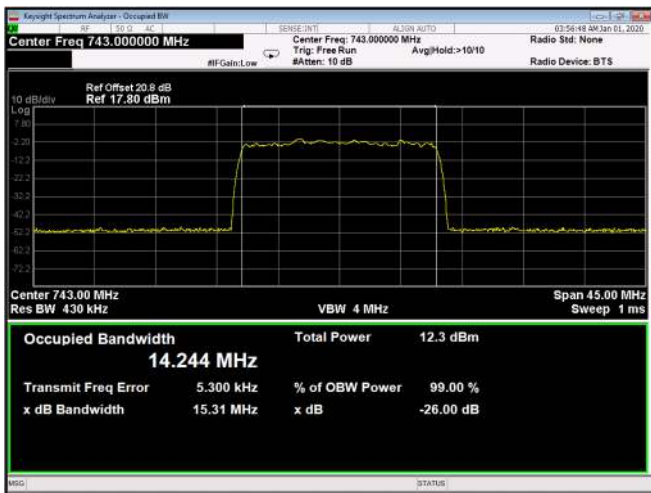


Figure 441: 256QAM 15MHz B.W.; 743.0MHz, 15kHz Input

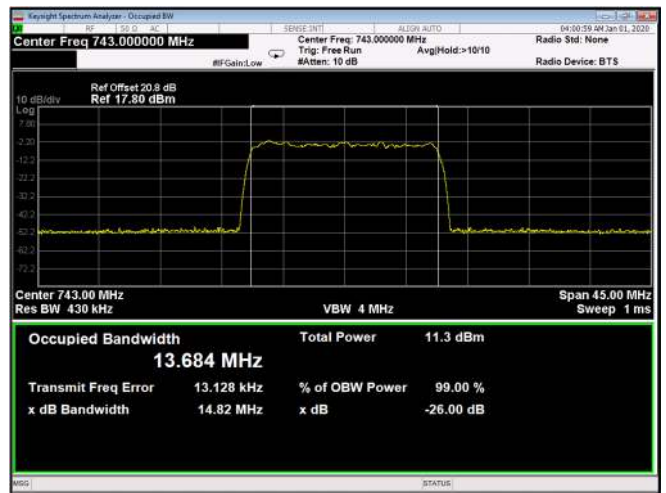


Figure 442: 256QAM 15MHz B.W.; 743.0MHz, 30kHz Input

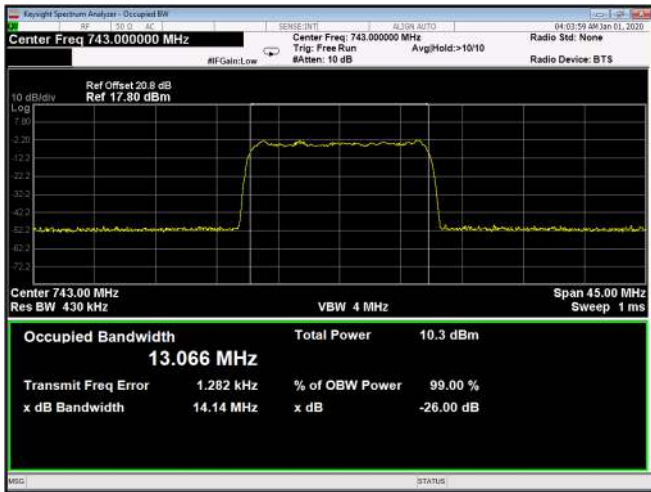


Figure 443: 256QAM 15MHz B.W.; 743.0MHz, 60kHz Input

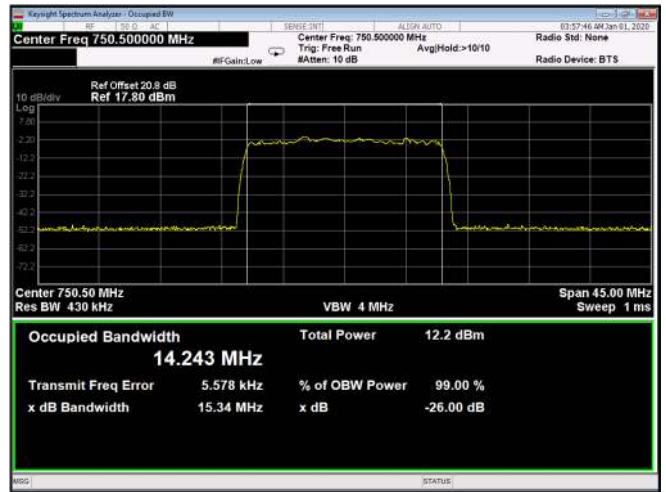


Figure 444: 256QAM 15MHz B.W.; 750.5MHz, 15kHz Input

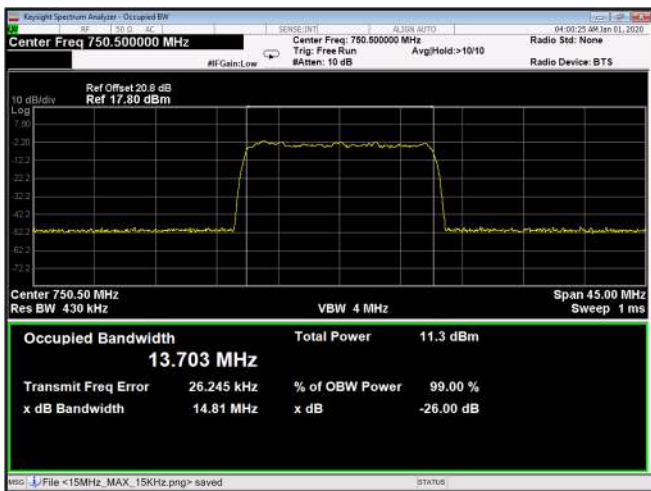


Figure 445: 256QAM 15MHz B.W.; 750.5MHz, 30kHz Input

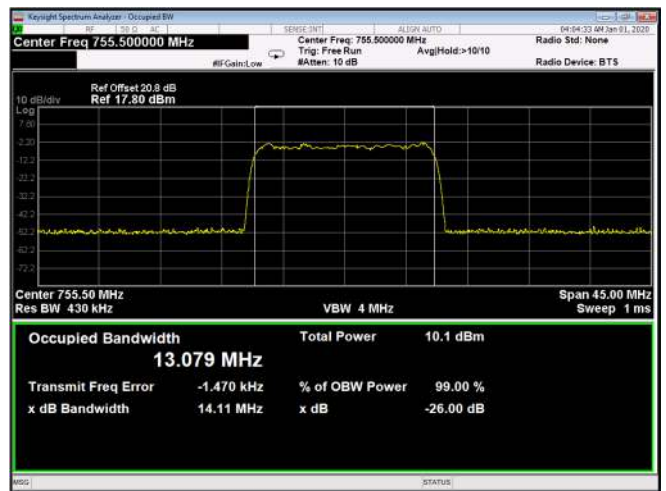


Figure 446: 256QAM 15MHz B.W.; 750.5MHz, 60kHz Input

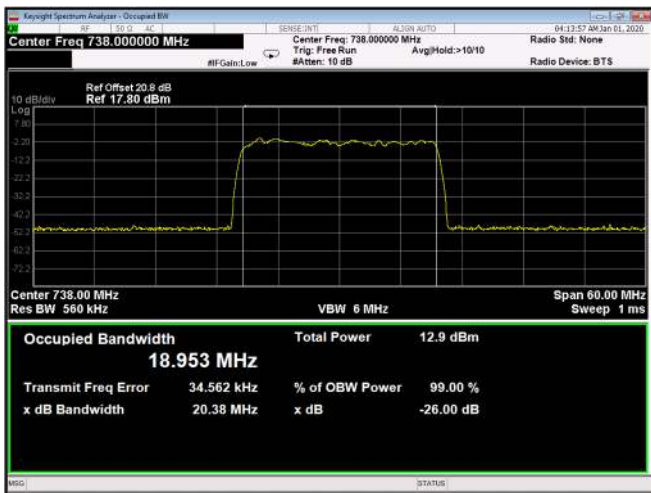


Figure 447: 256QAM 20MHz B.W.; 738.0MHz, 15kHz Input

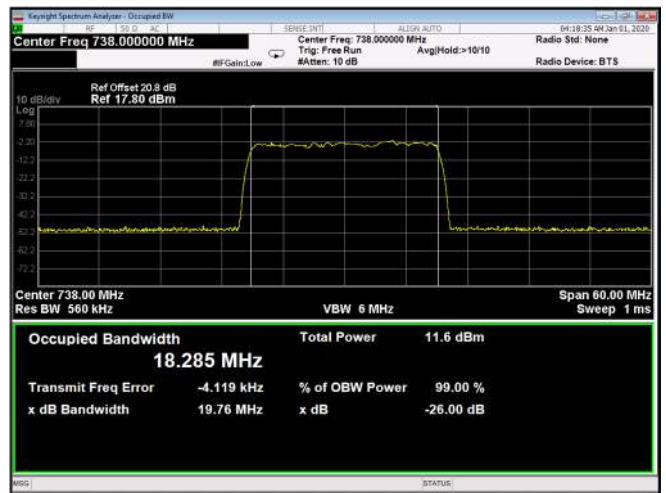


Figure 448: 256QAM 20MHz B.W.; 738.0MHz, 30kHz Input

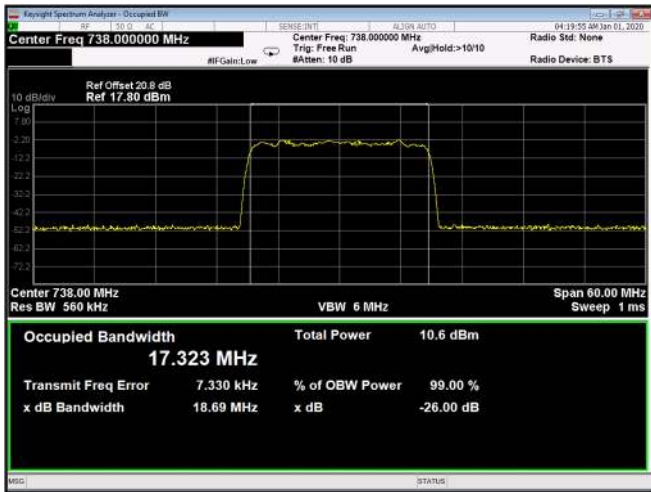


Figure 449: 256QAM 20MHz B.W.; 738.0MHz, 60kHz Input

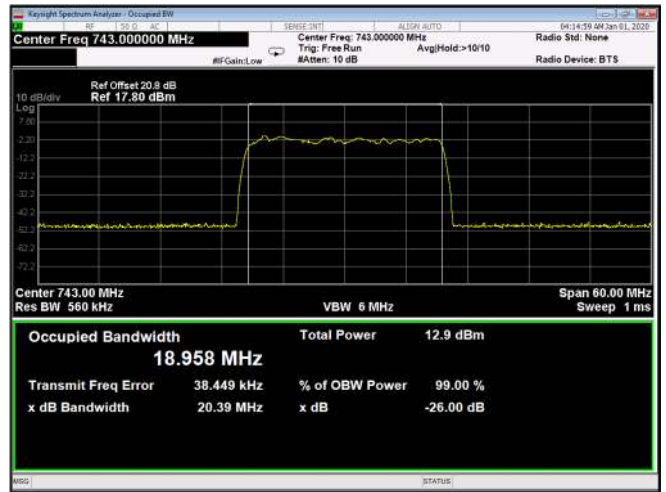


Figure 450: 256QAM 20MHz B.W.; 743.0MHz, 15kHz Input

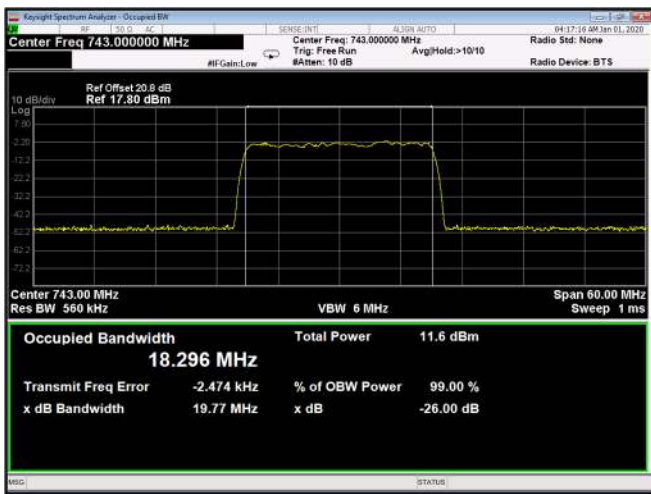


Figure 451: 256QAM 20MHz B.W.; 743.0MHz, 30kHz Input

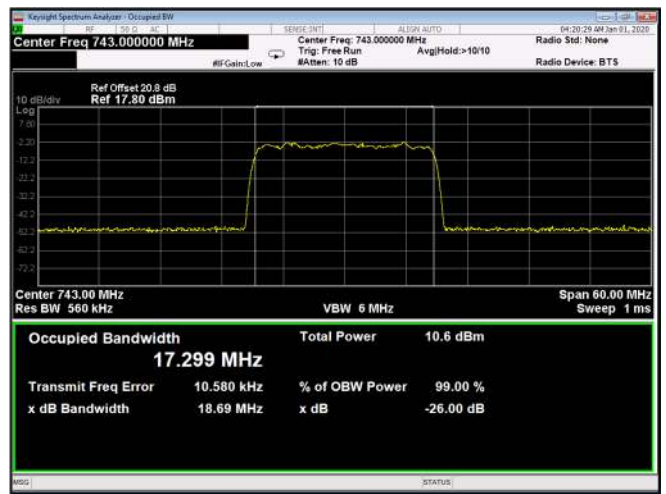


Figure 452: 256QAM 20MHz B.W.; 743.0MHz, 60kHz Input

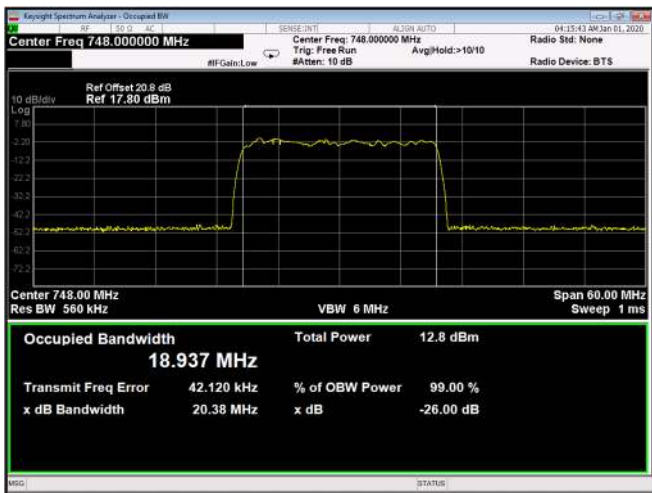


Figure 453: 256QAM 20MHz B.W.; 748.0MHz, 15kHz Input

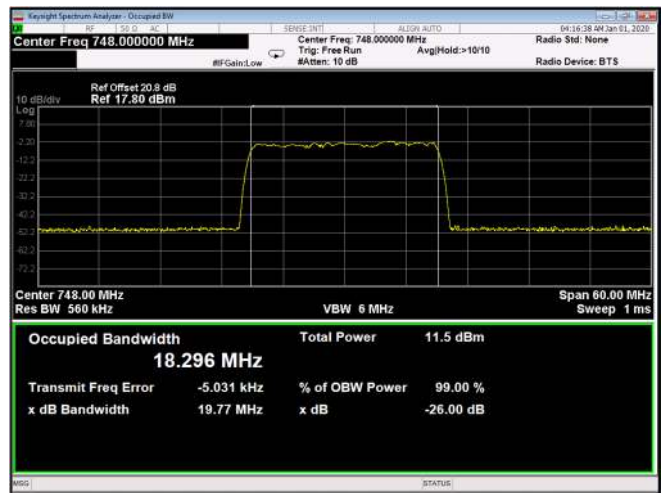


Figure 454: 256QAM 20MHz B.W.; 748.0MHz, 30kHz Input

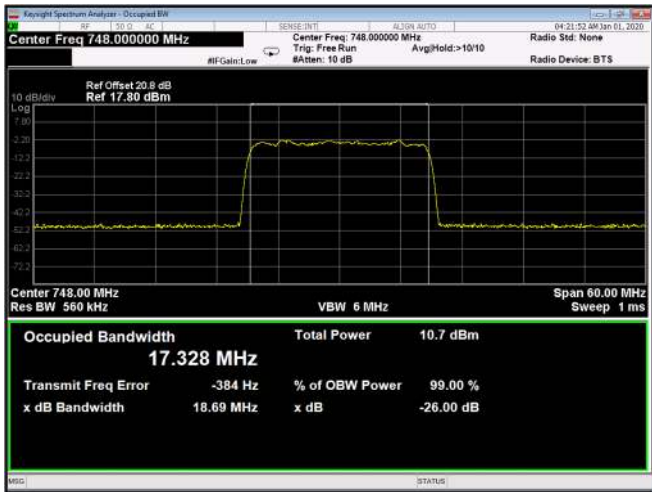


Figure 455: 256QAM 20MHz B.W.; 748.0MHz, 60kHz Input

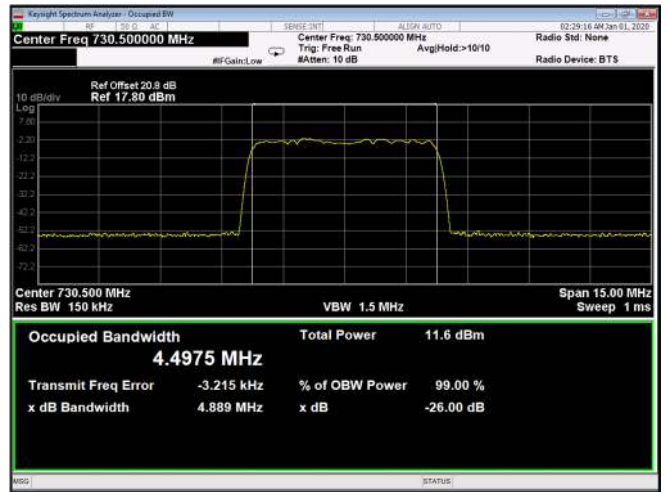


Figure 456: QPSK 5MHz B.W.; 730.5MHz, 15kHz Input

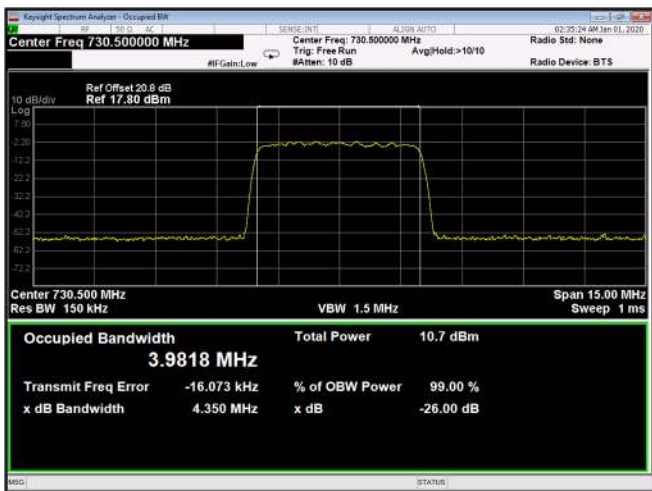


Figure 457: QPSK 5MHz B.W.; 730.5MHz, 30kHz Input

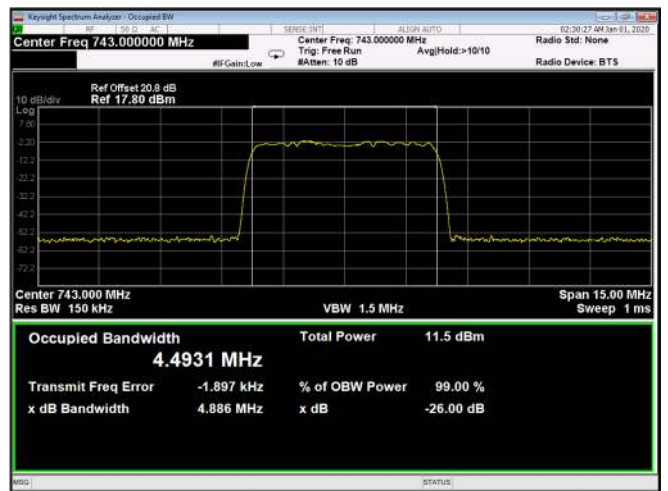


Figure 458: QPSK 5MHz B.W.; 743.0MHz, 15kHz Input

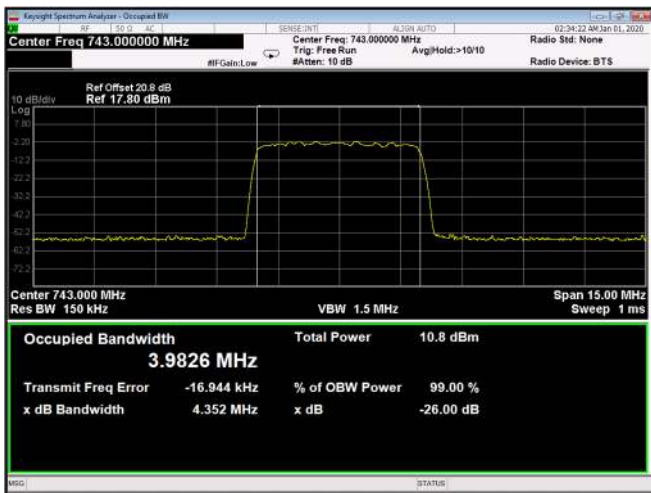


Figure 459: QPSK 5MHz B.W.; 743.0MHz, 30kHz Input

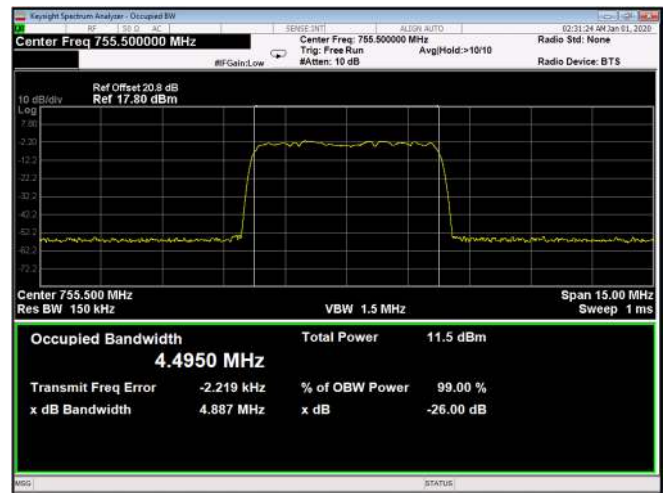


Figure 460: QPSK 5MHz B.W.; 755.5MHz, 15kHz Input

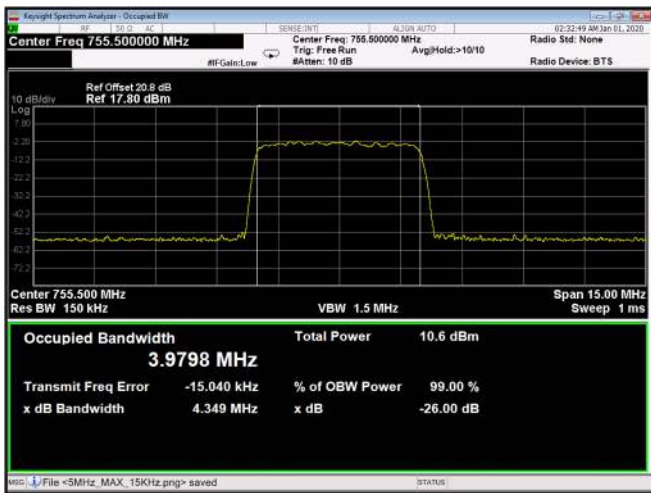


Figure 461: QPSK 5MHz B.W.; 755.5MHz, 30kHz Input

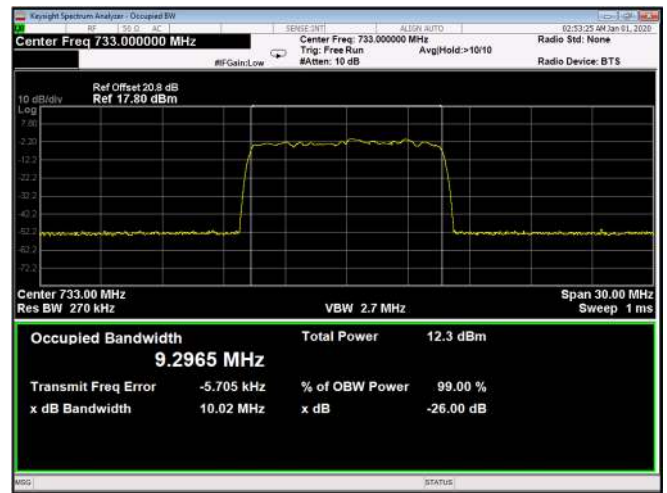


Figure 462: QPSK 10MHz B.W.; 733.0MHz, 15kHz Input



Figure 463: QPSK 10MHz B.W.; 733.0MHz, 30kHz Input

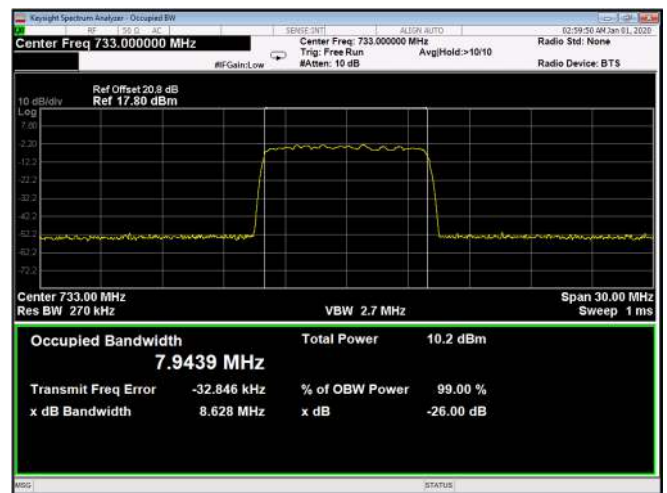


Figure 464: QPSK 10MHz B.W.; 733.0MHz, 60kHz Input

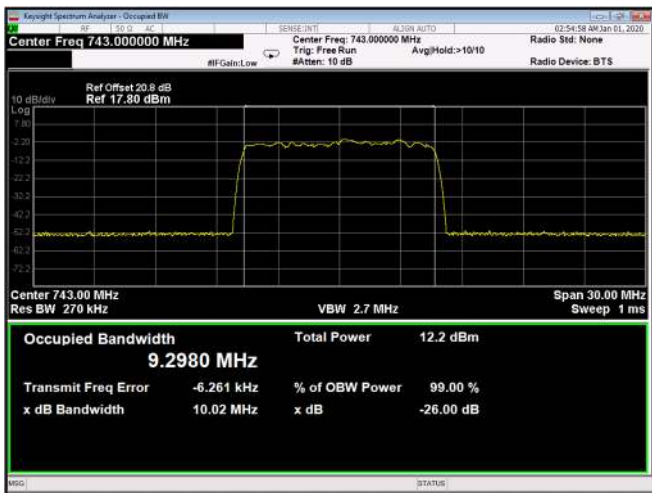


Figure 465: QPSK 10MHz B.W.; 743.0MHz, 15kHz Input

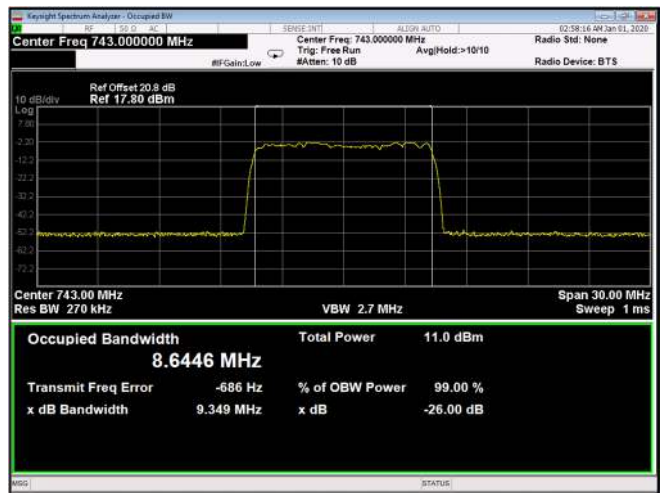


Figure 466: QPSK 10MHz B.W.; 743.0MHz, 30kHz Input

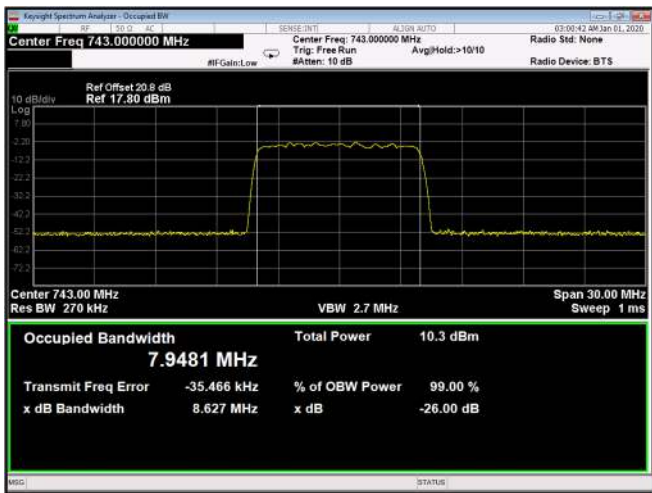


Figure 467: QPSK 10MHz B.W.; 743.0MHz, 60kHz Input

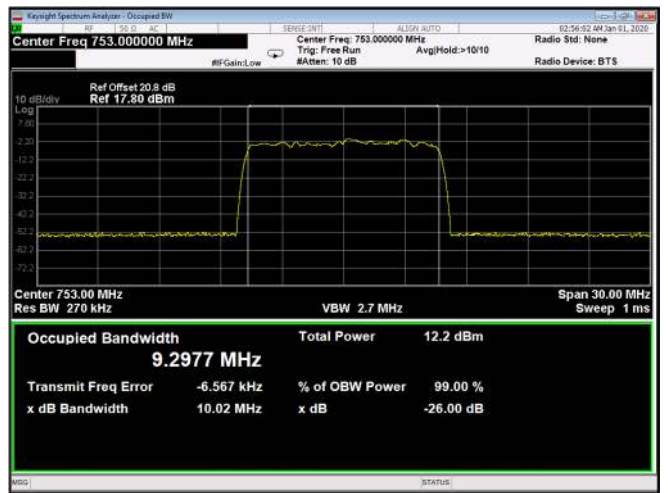


Figure 468: QPSK 10MHz B.W.; 753.0MHz, 15kHz Input

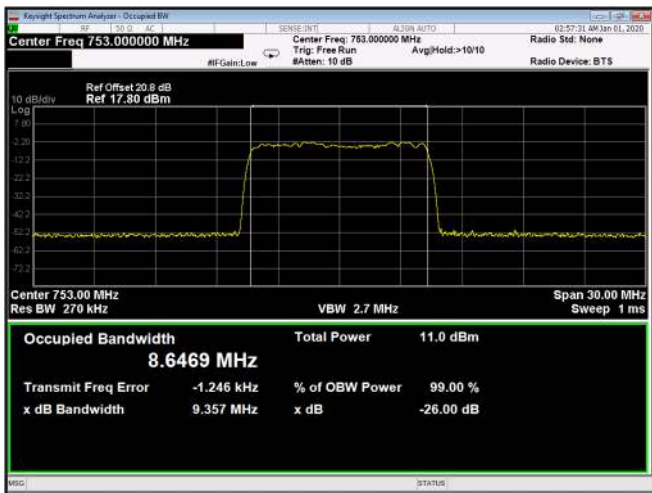


Figure 469: QPSK 10MHz B.W.; 753.0MHz, 30kHz Input

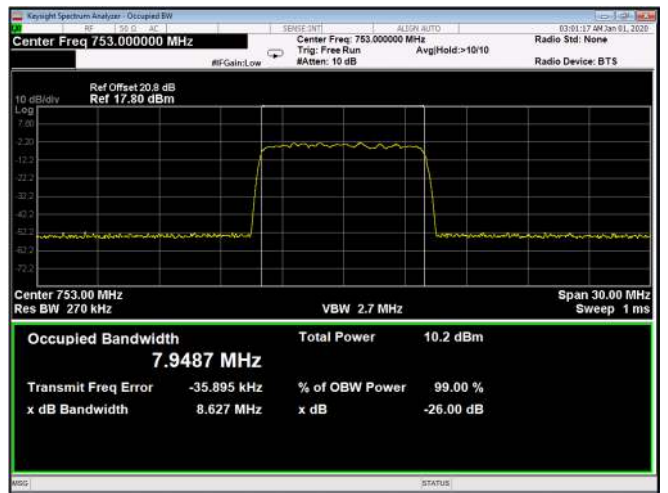


Figure 470: QPSK 10MHz B.W.; 753.0MHz, 60kHz Input



Figure 471: QPSK 15MHz B.W.; 735.5MHz, 15kHz Input

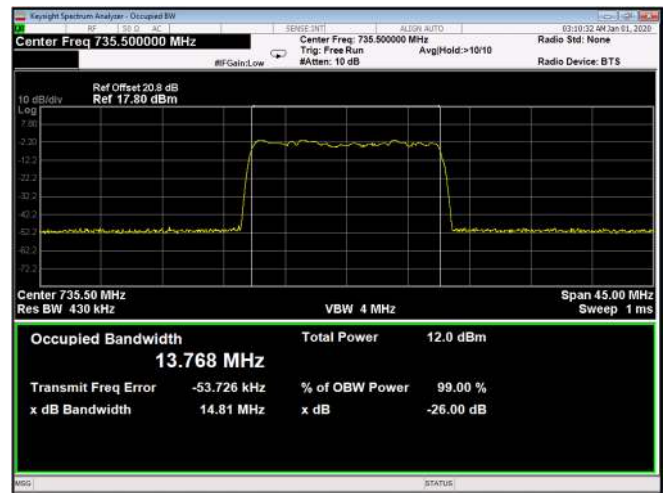


Figure 472: QPSK 15MHz B.W.; 735.5MHz, 30kHz Input

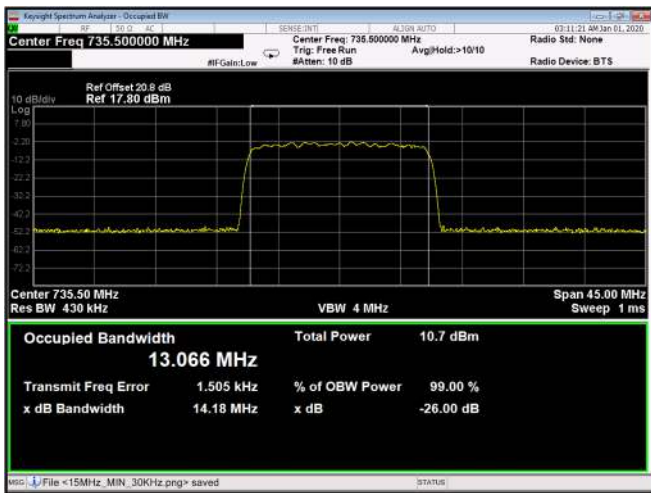


Figure 473: QPSK 15MHz B.W.; 735.5MHz, 60kHz Input

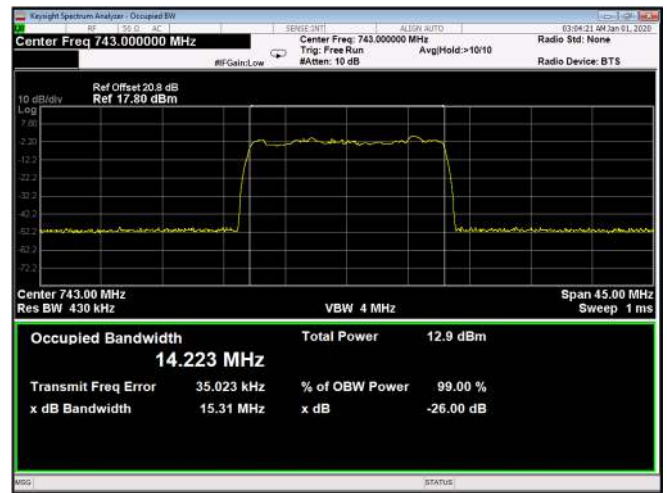


Figure 474: QPSK 15MHz B.W.; 743.0MHz, 15kHz Input

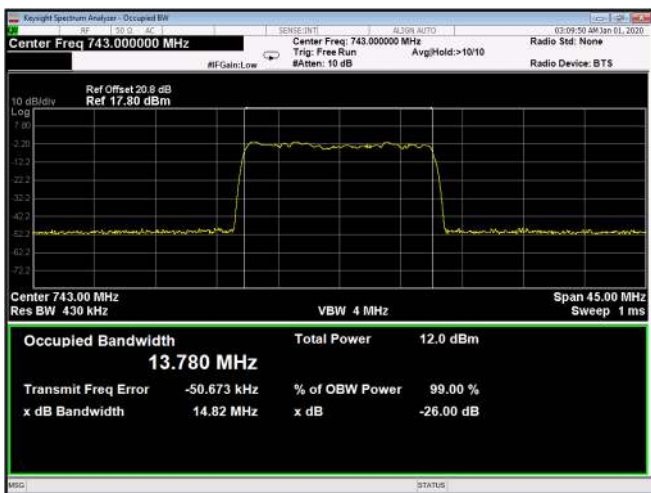


Figure 475: QPSK 15MHz B.W.; 743.0MHz, 30kHz Input

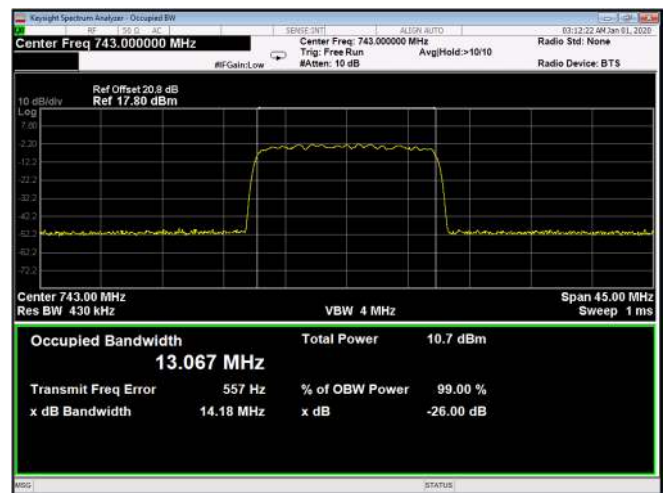


Figure 476: QPSK 15MHz B.W.; 743.0MHz, 60kHz Input

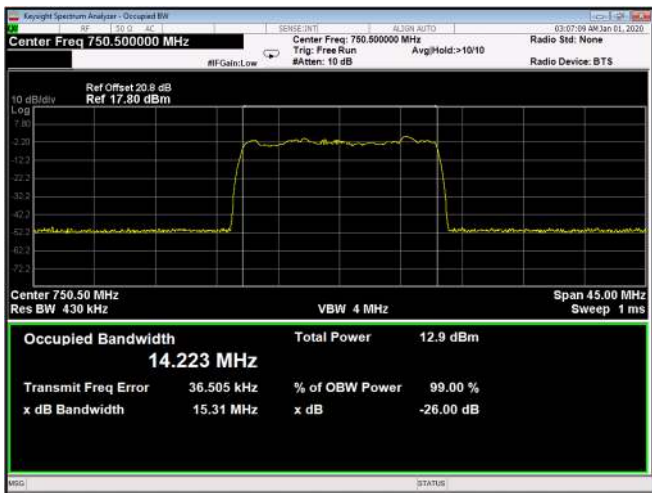


Figure 477: QPSK 15MHz B.W.; 750.5MHz, 15kHz Input

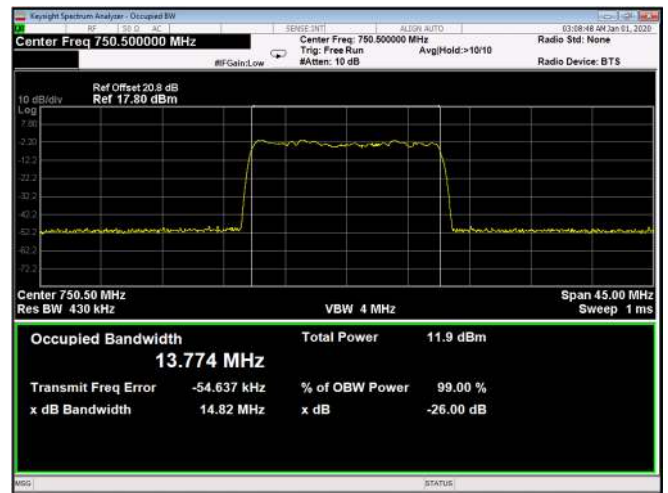


Figure 478: QPSK 15MHz B.W.; 750.5MHz, 30kHz Input

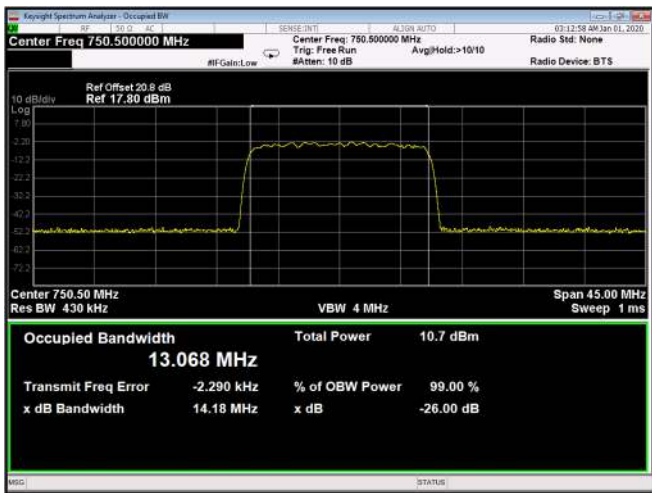


Figure 479: QPSK 15MHz B.W.; 750.5MHz, 60kHz Input

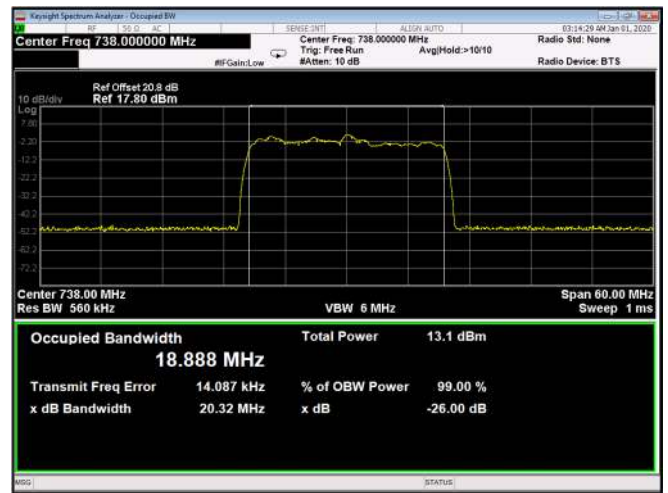


Figure 480: QPSK 20MHz B.W.; 738.0MHz, 15kHz Input

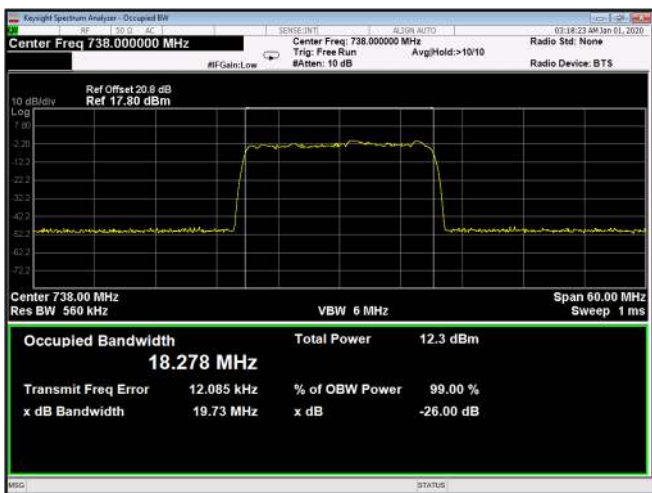


Figure 481: QPSK 20MHz B.W.; 738.0MHz, 30kHz Input

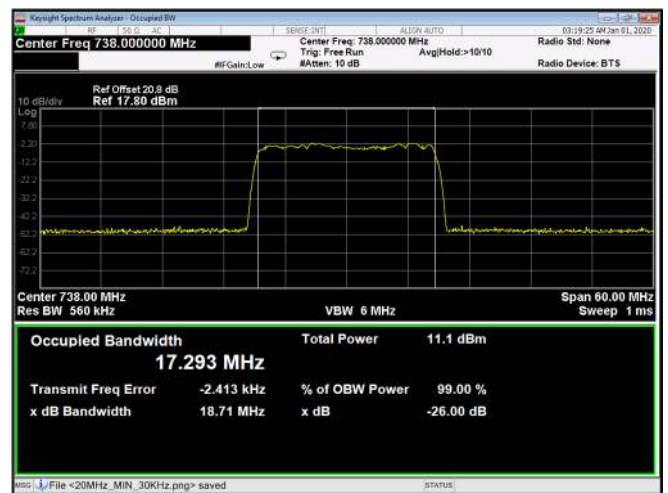


Figure 482: QPSK 20MHz B.W.; 738.0MHz, 60kHz Input

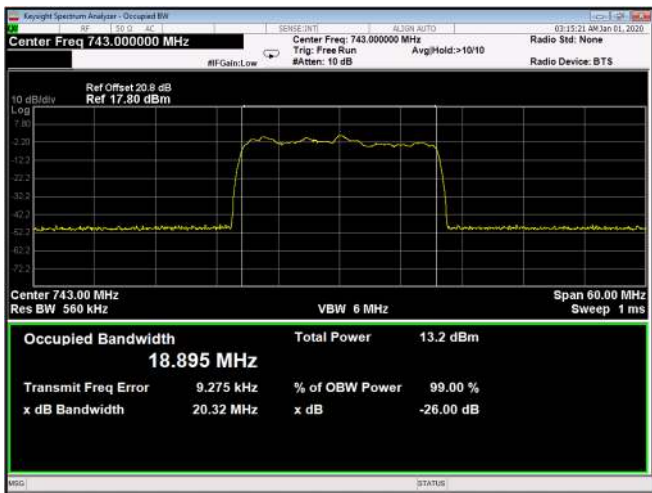


Figure 483: QPSK 20MHz B.W.; 743.0MHz, 15kHz Input

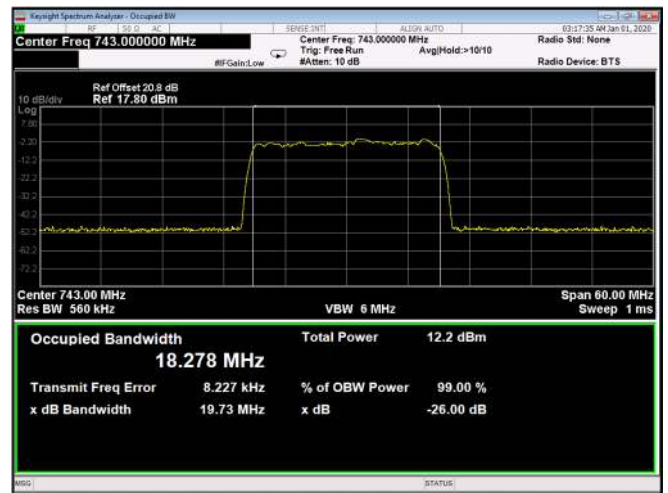


Figure 484: QPSK 20MHz B.W.; 743.0MHz, 30kHz Input

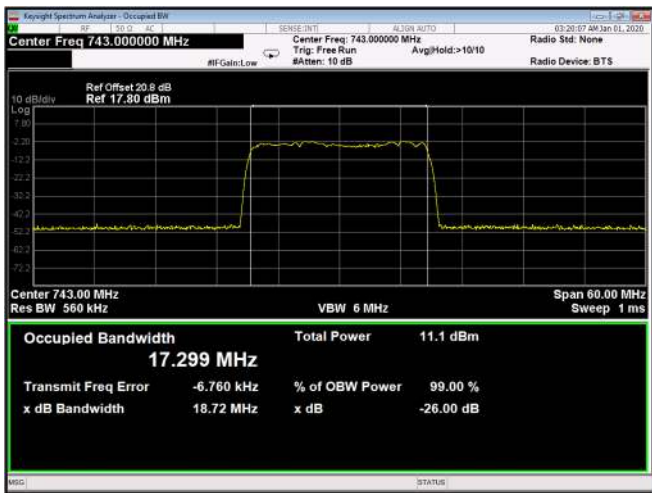


Figure 485: QPSK 20MHz B.W.; 743.0MHz, 60kHz Input

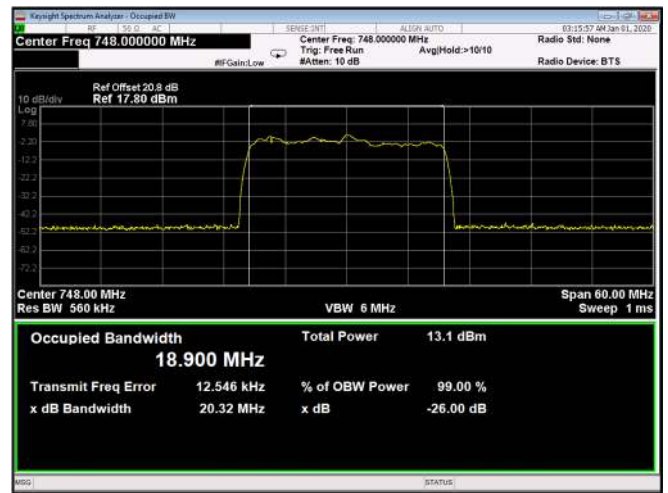


Figure 486: QPSK 20MHz B.W.; 748.0MHz, 15kHz Input

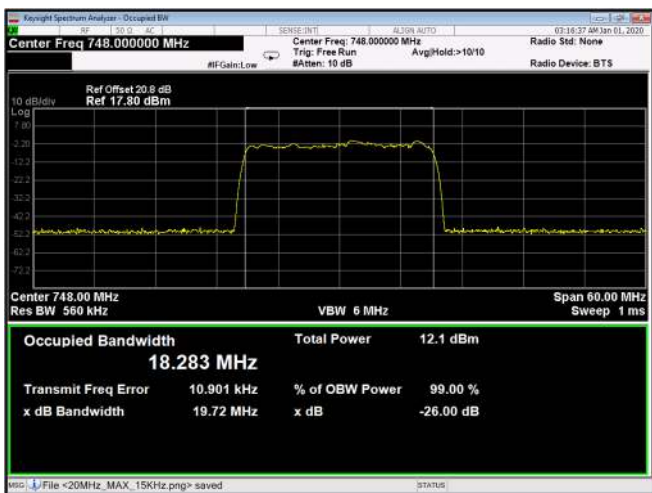


Figure 487: QPSK 20MHz B.W.; 748.0MHz, 30kHz Input

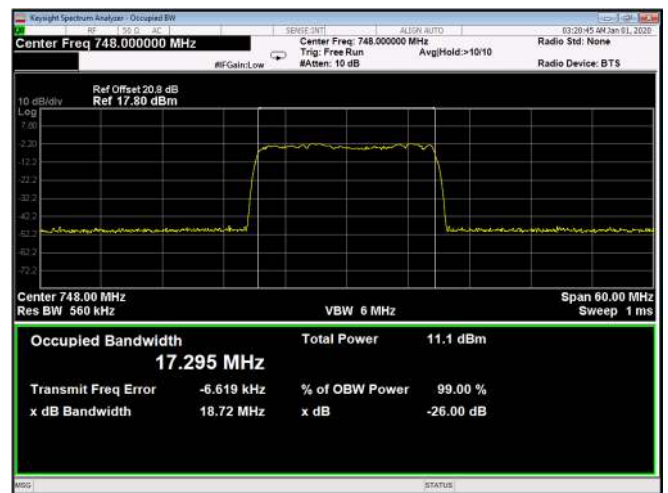


Figure 488: QPSK 20MHz B.W.; 748.0MHz, 60kHz Input