

LTE BAND 25

BAND	MODE	RB SIZE/RB OFFSET	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 25	1.4 MHz, QPSK	6/0	1882.5	1.0969	1.242
	1.4 MHz, 16QAM			1.0837	1.232
	1.4 MHz, 64QAM			1.0833	1.233
	3 MHz, QPSK	15/0		2.6987	2.995
	3 MHz, 16QAM			2.6935	2.996
	3 MHz, 64QAM			2.6815	2.953
	5 MHz, QPSK	25/0		4.4890	4.941
	5 MHz, 16QAM			4.4843	4.919
	5 MHz, 64QAM			4.4793	4.925
	10 MHz, QPSK	50/0		8.9705	9.825
	10 MHz, 16QAM			8.9669	9.716
	10 MHz, 64QAM			8.9745	9.607
	15 MHz, QPSK	75/0		13.466	14.56
	15 MHz, 16QAM			13.431	14.53
	15 MHz, 64QAM			13.404	14.28
	20 MHz, QPSK	100/0		17.910	19.26
	20 MHz, 16QAM			17.924	19.29
	20 MHz, 64QAM			17.905	18.99

LTE BAND 26

BAND	MODE	RB SIZE/RB OFFSET	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4 MHz, QPSK	1/0	819.0	0.20425	0.2944
	1.4 MHz,16QAM			0.20845	0.3115
	1.4 MHz, QPSK	6/0		1.0796	1.212
	1.4 MHz,16QAM			1.0800	1.190
	1.4 MHz,64QAM			1.0802	1.208
	3 MHz, QPSK	1/0		0.20405	0.3248
	3 MHz, 16QAM			0.20517	0.3153
	3 MHz, QPSK	15/0		2.6717	2.917
	3 MHz, 16QAM			2.6901	2.954
	3 MHz, 64QAM			2.6977	2.972
	5 MHz, QPSK	1/0		0.21687	0.3495
	5 MHz, 16QAM			0.22266	0.3643
	5 MHz, QPSK	25/0		4.5019	4.973
	5 MHz, 16QAM			4.4920	4.891
	5 MHz, 64QAM			4.4887	4.910
	10 MHz, QPSK	1/0		0.23177	0.4043
	10 MHz, 16QAM			0.23114	0.4137
	10 MHz, QPSK	50/0		8.9596	9.612
	10 MHz, 16QAM			8.9560	9.599
	10 MHz, 64QAM			8.9712	9.708

LTE BAND 30

BAND	MODE	RB SIZE/RB OFFSET	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 30	5 MHz, QPSK	25/0	2310.0	4.4957	4.943
	5 MHz, 16QAM			4.4839	4.932
	5 MHz, 64QAM			4.4721	4.915
	10 MHz, QPSK	50/0		8.9846	9.745
	10 MHz, 16QAM			8.9857	9.726
	10 MHz, 64QAM			8.9698	9.616

LTE BAND 41

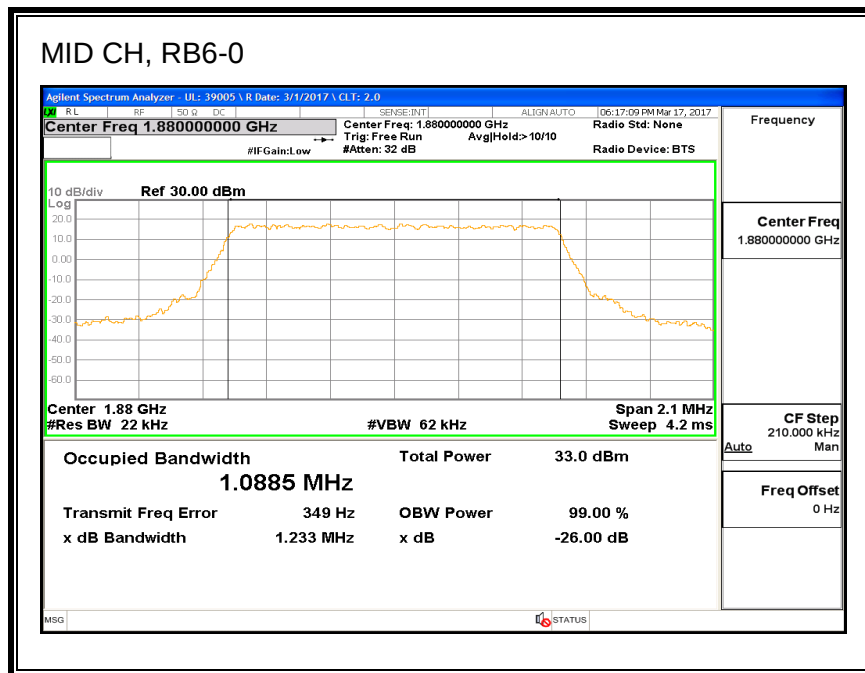
BAND	MODE	RB SIZE/RB OFFSET	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41	5 MHz, QPSK	25/0	2593.0	4.4883	4.913
	5 MHz, 16QAM			4.4939	4.916
	5 MHz, 64QAM			4.4650	4.907
	10 MHz, QPSK	50/0		8.9659	9.743
	10 MHz, 16QAM			8.9622	9.736
	10 MHz, 64QAM			8.9470	9.321
	15 MHz, QPSK	75/0		13.421	14.53
	15 MHz, 16QAM			13.443	14.50
	15 MHz, 64QAM			13.421	13.94
	20 MHz, QPSK	100/0		17.865	19.26
	20 MHz, 16QAM			17.868	19.28
	20 MHz, 64QAM			17.918	18.68

LTE BAND 66

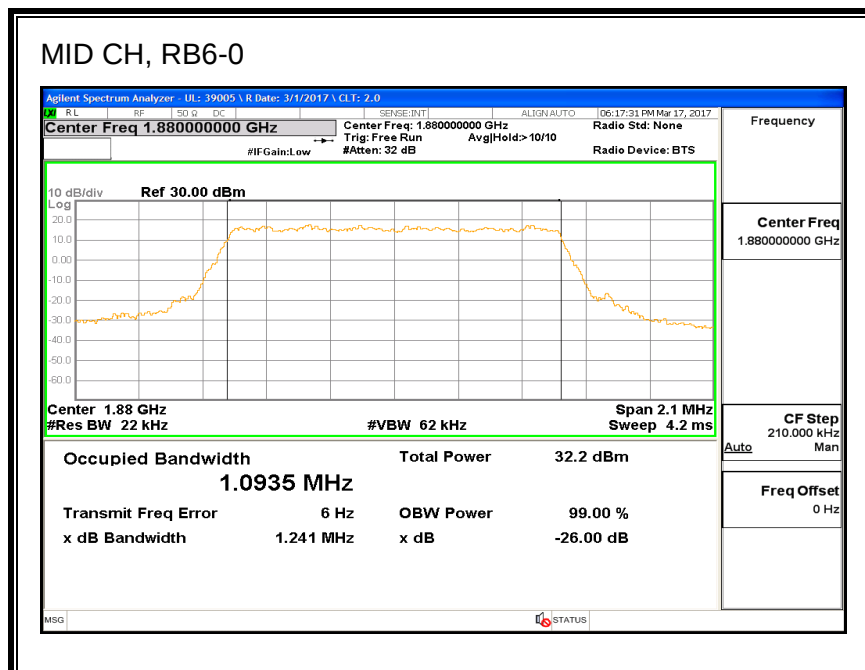
BAND	MODE	RB SIZE/RB OFFSET	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 66	5 MHz, QPSK	25/0	1745.0	4.4927	4.854
	5 MHz, 16QAM			4.4898	4.894
	5 MHz, 64QAM			4.4844	4.884
	10 MHz, QPSK	50/0		8.9058	9.753
	10 MHz, 16QAM			8.9378	9.583
	10 MHz, 64QAM			8.9029	9.347
	15 MHz, QPSK	75/0		13.4213	14.315
	15 MHz, 16QAM			13.3574	14.218
	15 MHz, 64QAM			13.388	13.99
	20 MHz, QPSK	100/0		17.8774	19.202
	20 MHz, 16QAM			17.8505	19.012
	20 MHz, 64QAM			17.788	18.67

8.1.1. LTE BAND 2

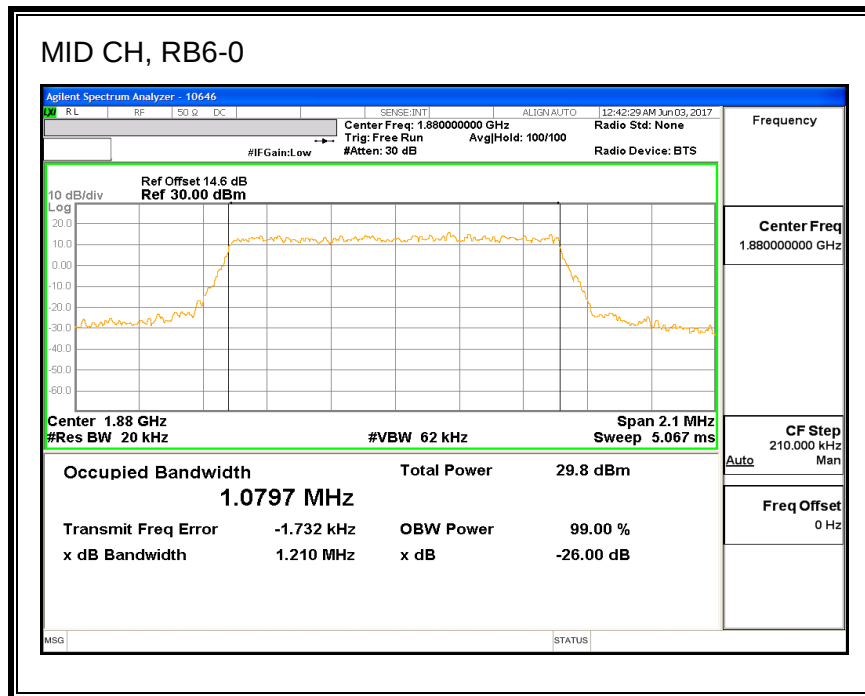
QPSK, (1.4 MHz BAND WIDTH)



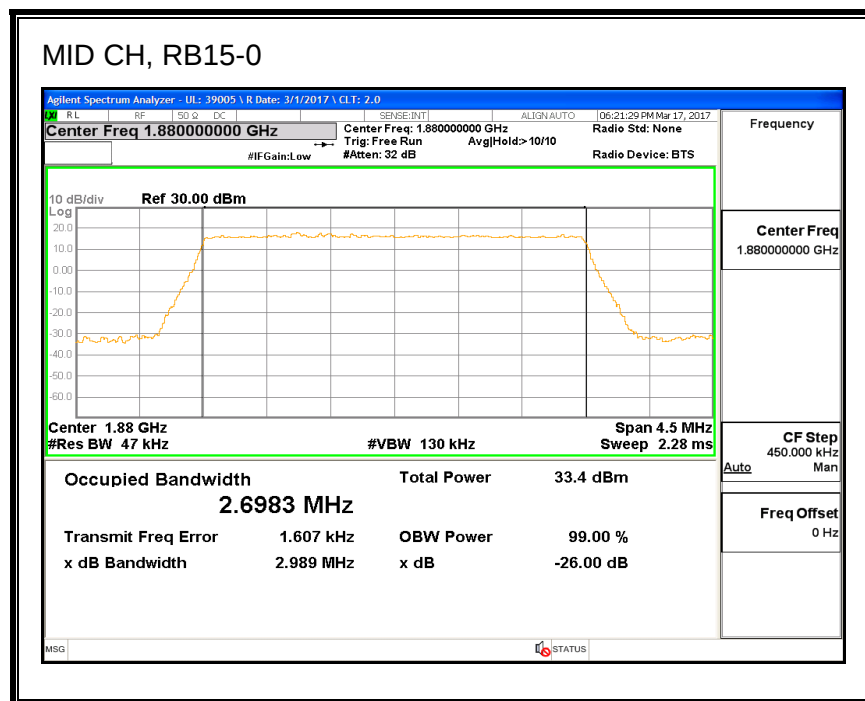
16QAM, (1.4 MHz BAND WIDTH)



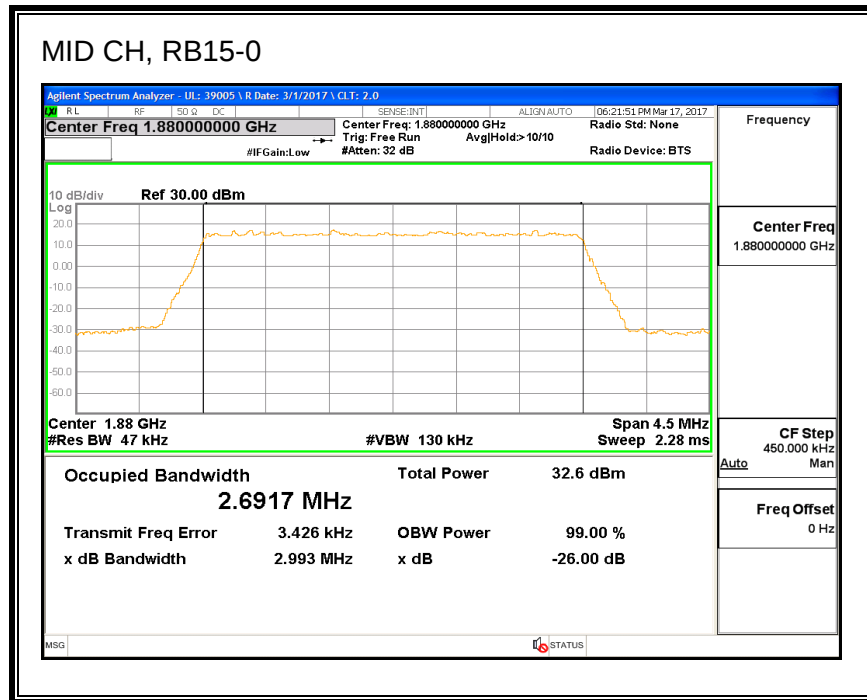
64QAM, (1.4 MHz BAND WIDTH)



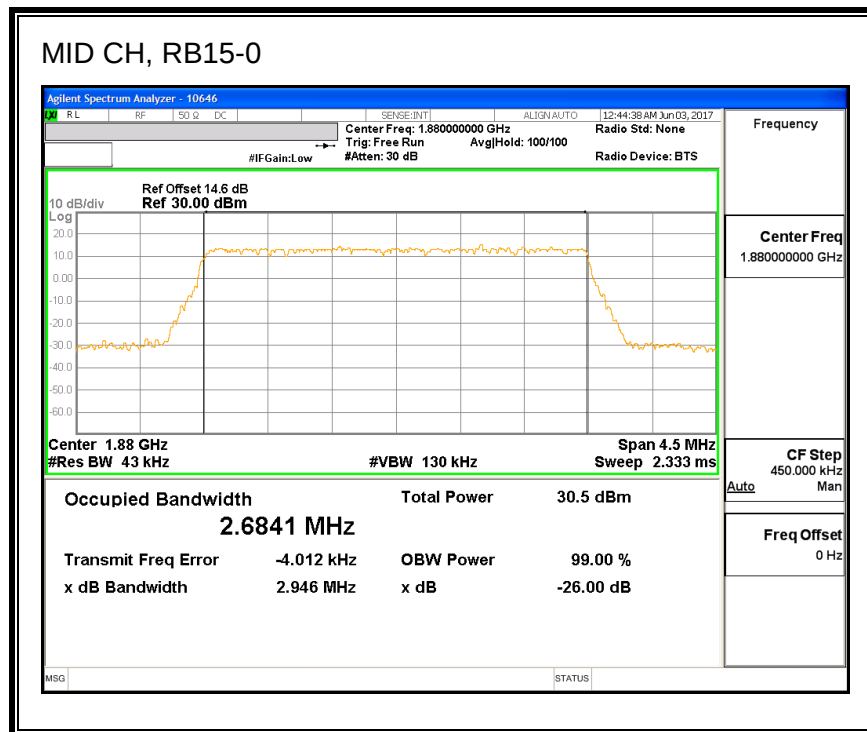
QPSK, (3.0 MHz BAND WIDTH)



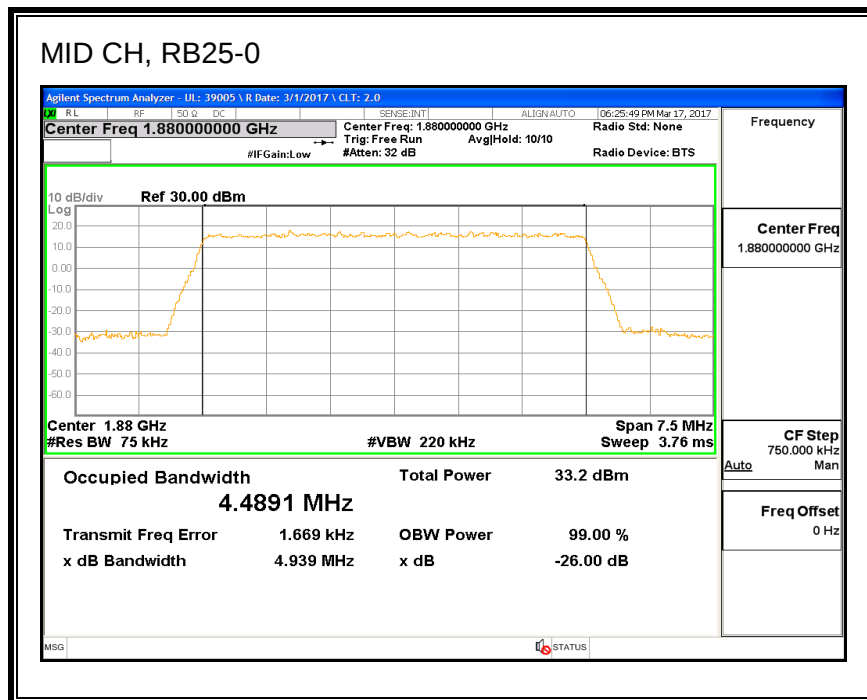
16QAM, (3.0 MHz BAND WIDTH)



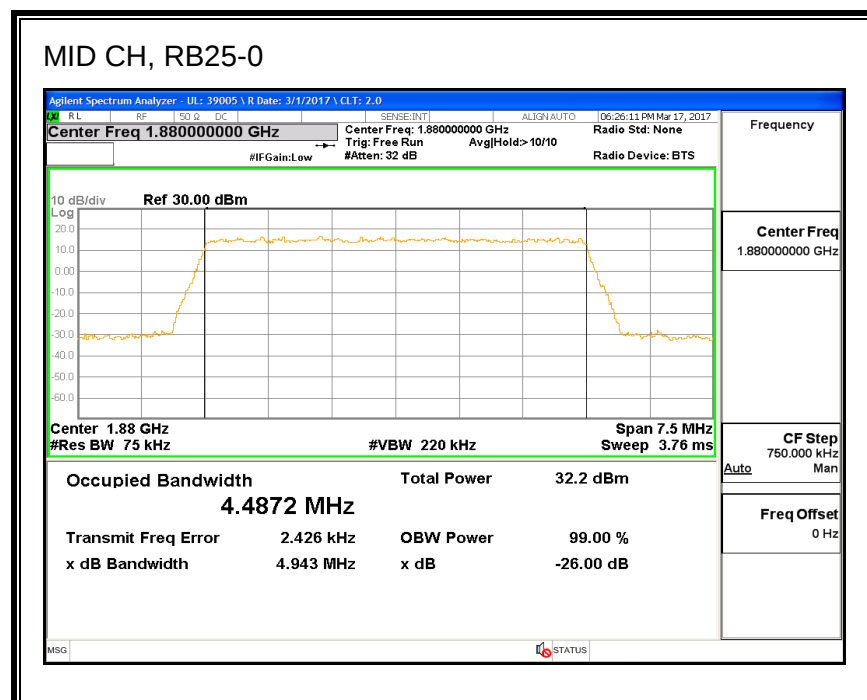
64QAM, (3.0 MHz BAND WIDTH)



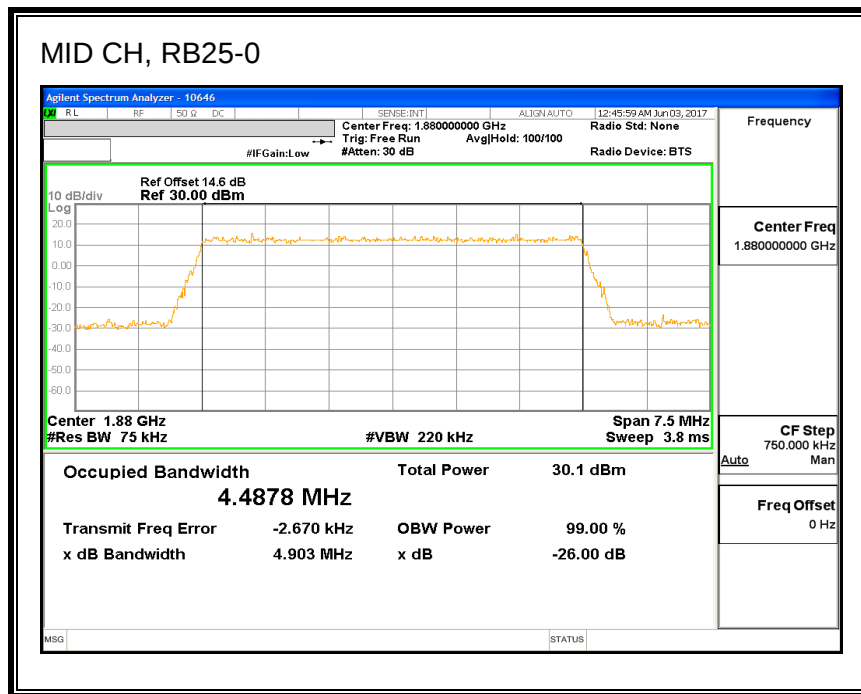
QPSK, (5.0 MHz BAND WIDTH)



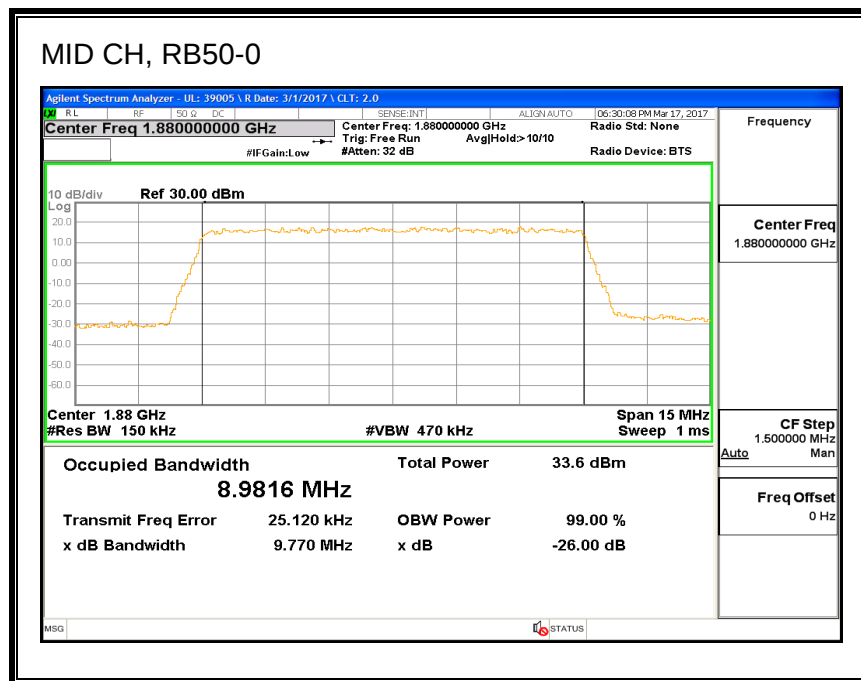
16QAM, (5.0 MHz BAND WIDTH)



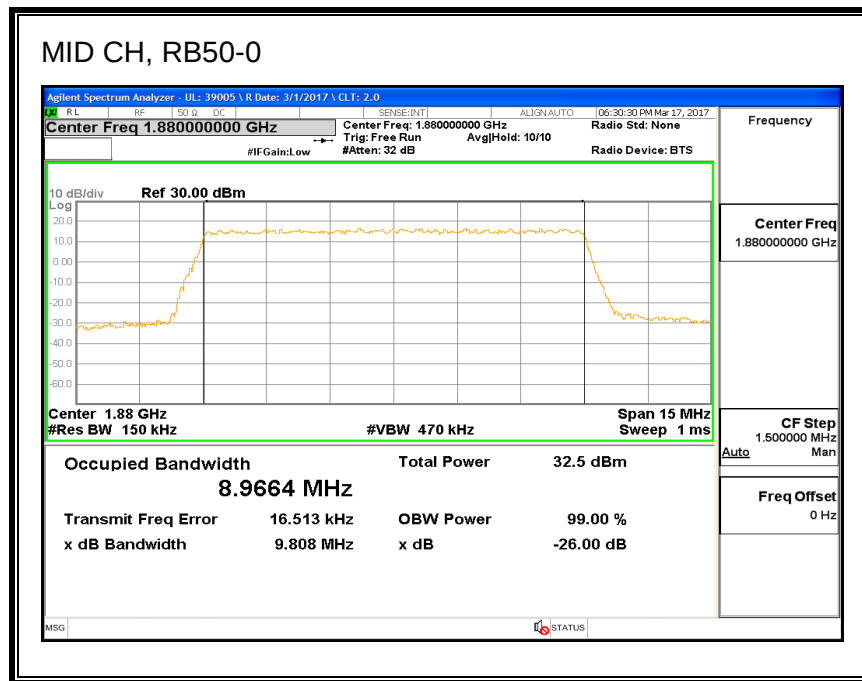
64QAM, (5.0 MHz BAND WIDTH)



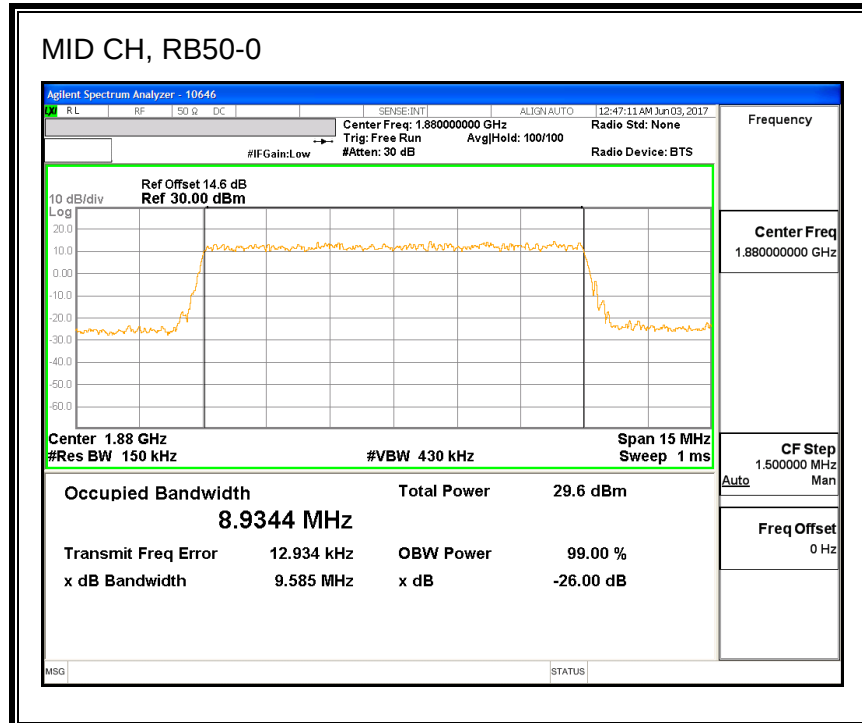
QPSK, (10.0 MHz BAND WIDTH)



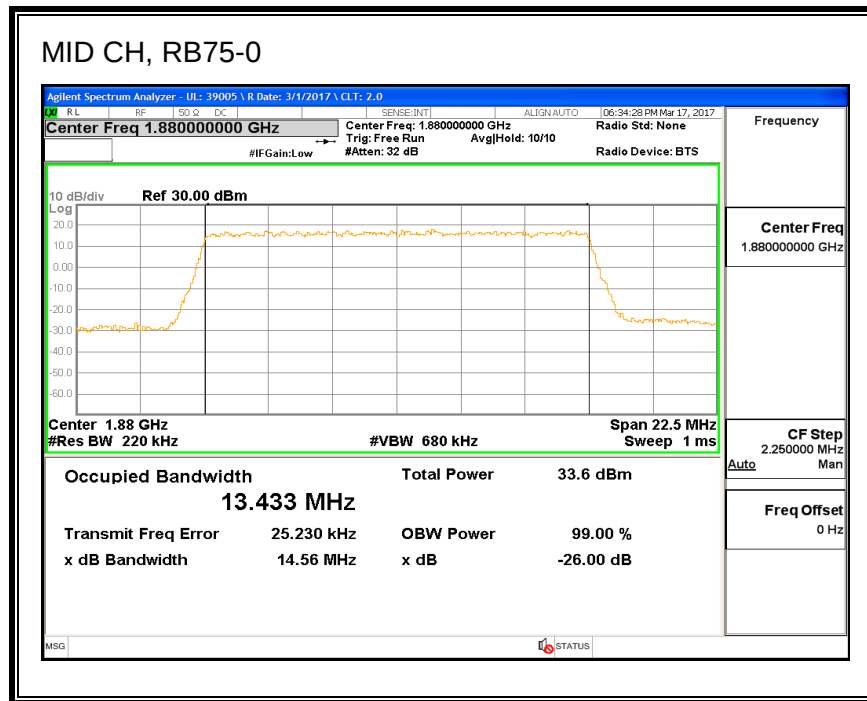
16QAM, (10.0 MHz BAND WIDTH)



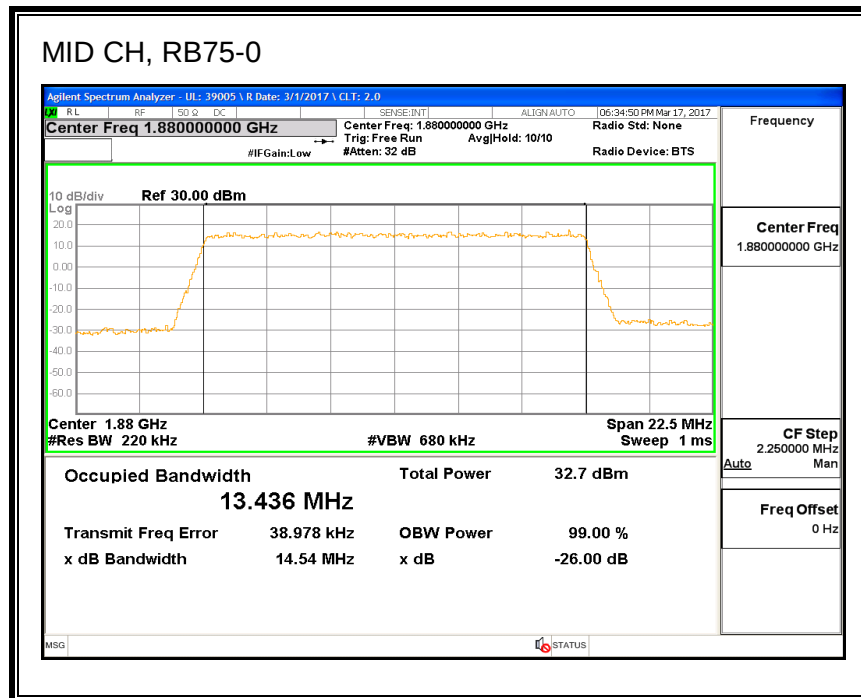
64QAM, (10.0 MHz BAND WIDTH)



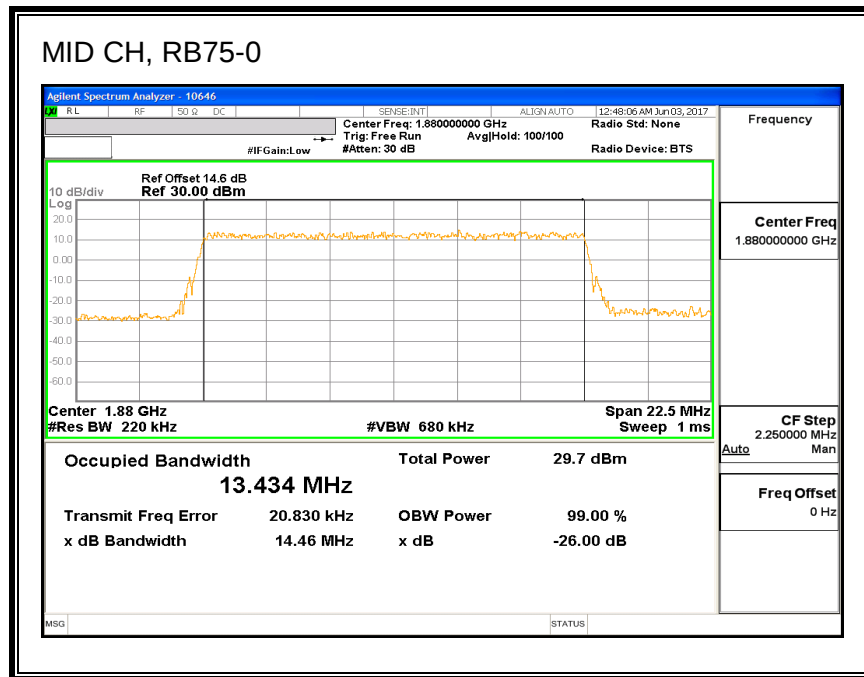
QPSK, (15.0 MHz BAND WIDTH)



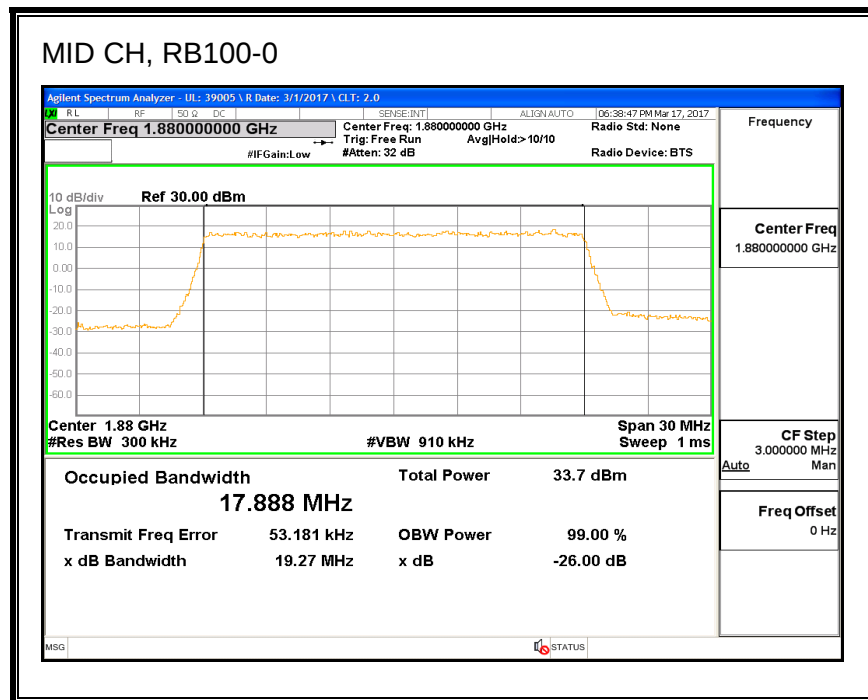
16QAM, (15.0 MHz BAND WIDTH)



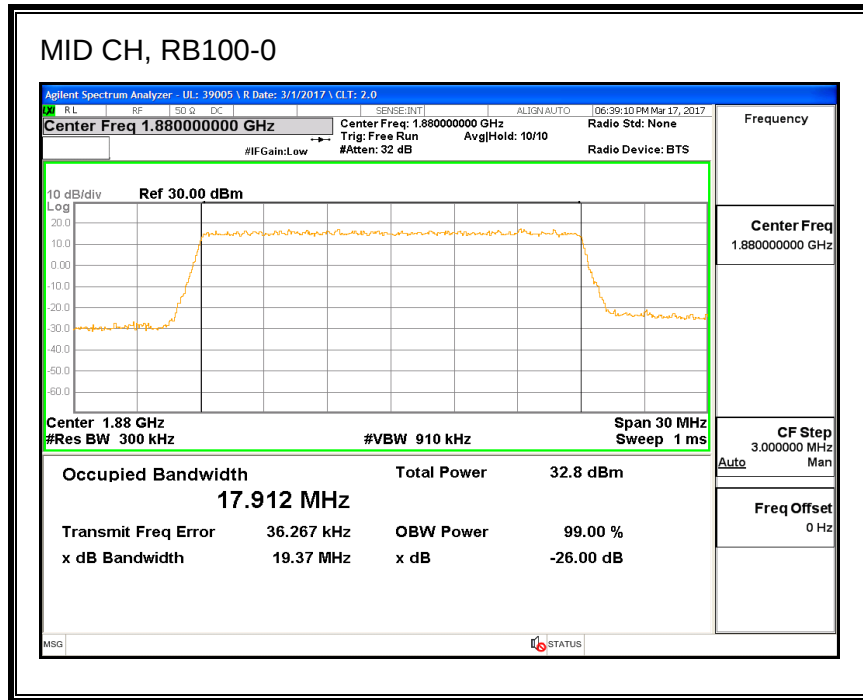
64QAM, (15.0 MHz BAND WIDTH)



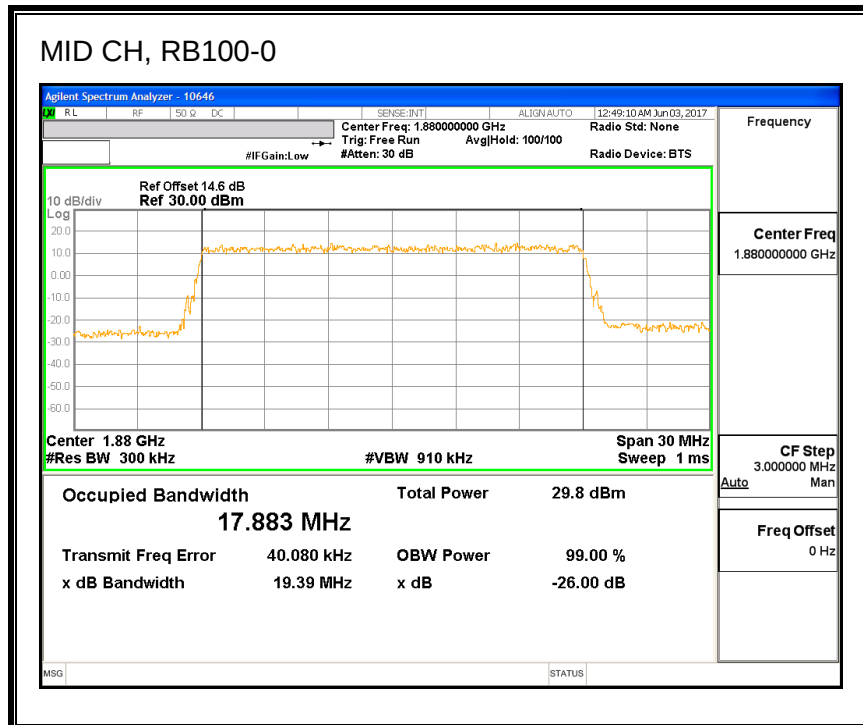
QPSK, (20.0 MHz BAND WIDTH)



16QAM, (20.0 MHz BAND WIDTH)

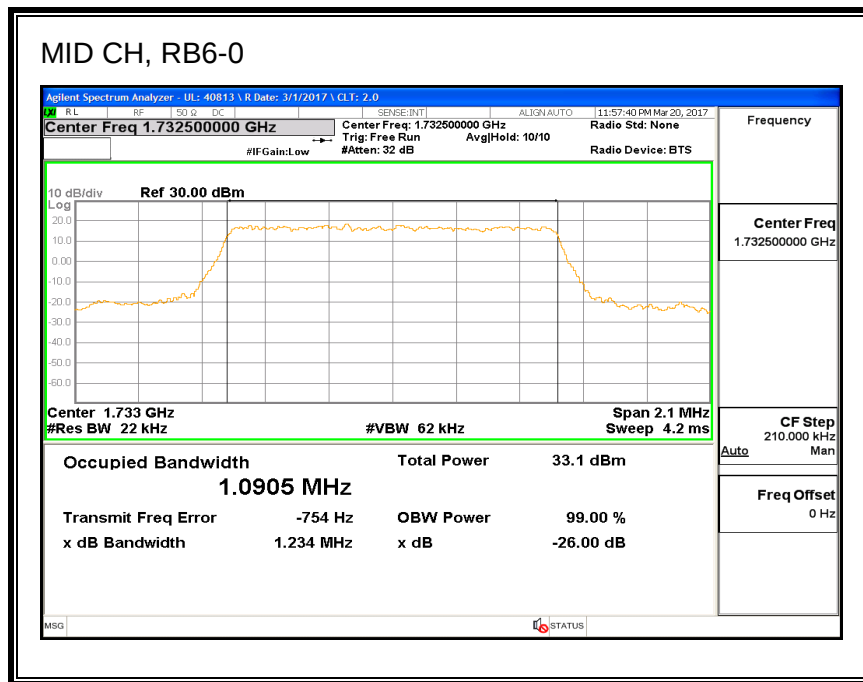


64QAM, (20.0 MHz BAND WIDTH)

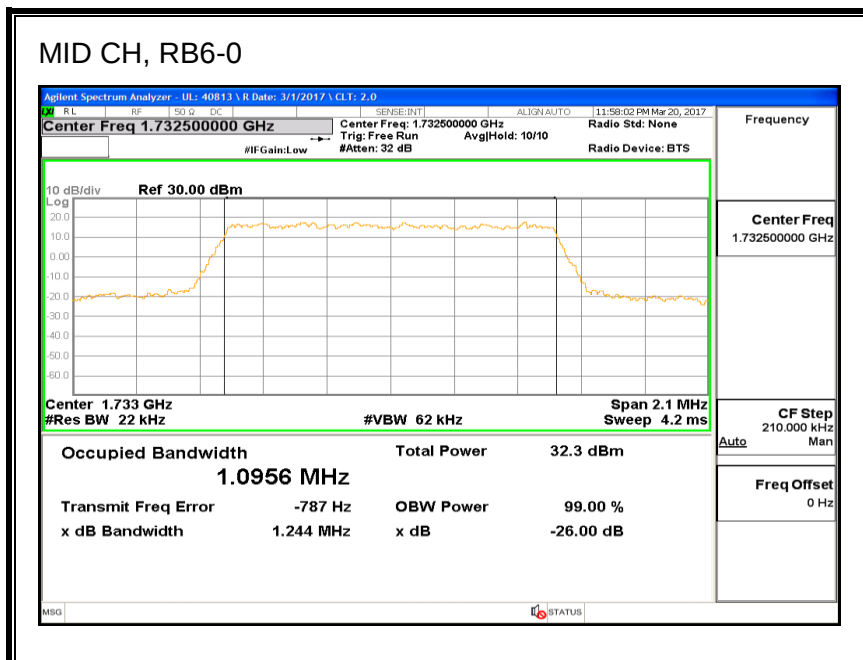


8.1.2. LTE BAND 4

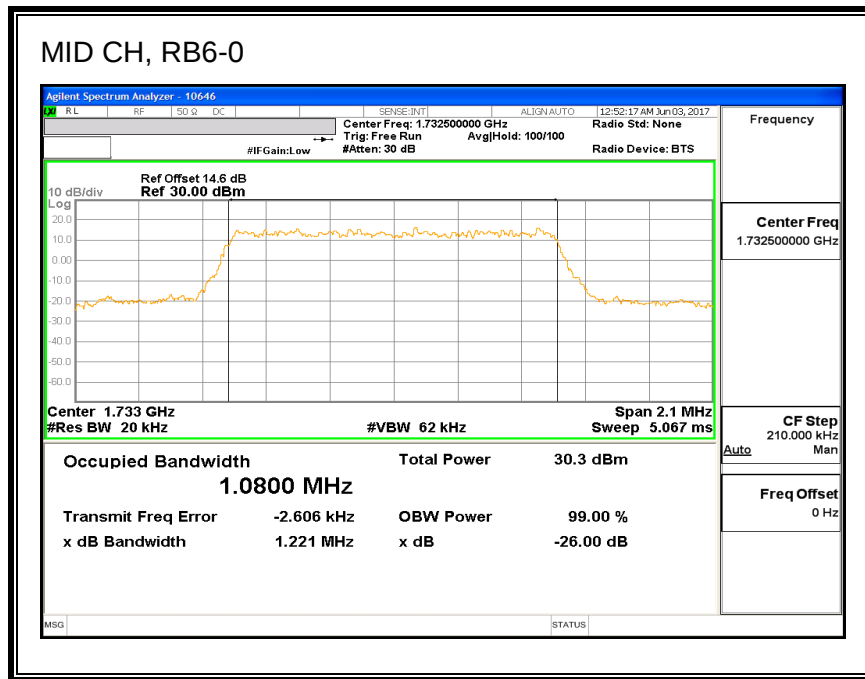
QPSK, (1.4 MHz BAND WIDTH)



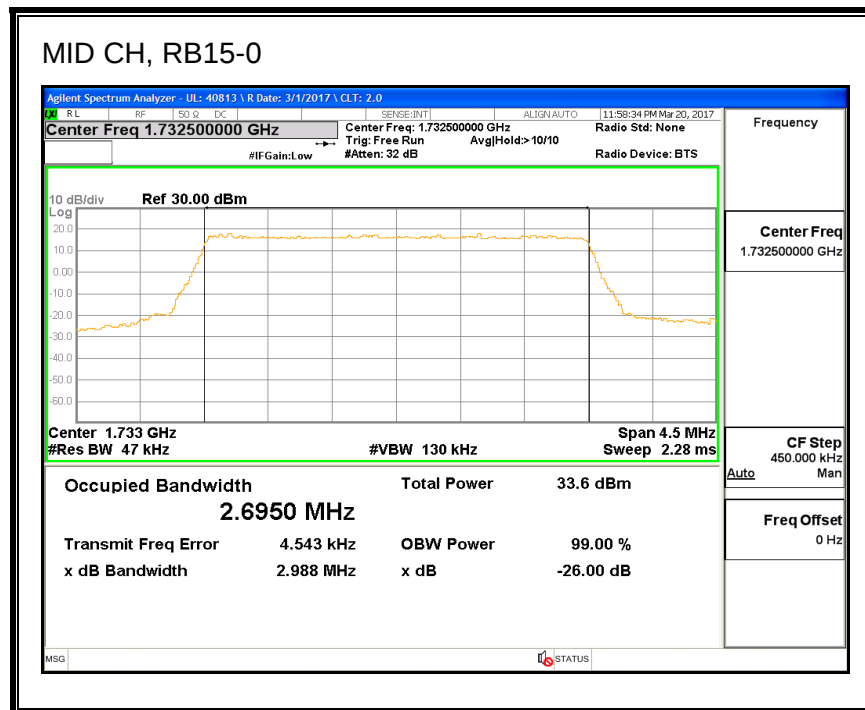
16QAM, (1.4 MHz BAND WIDTH)



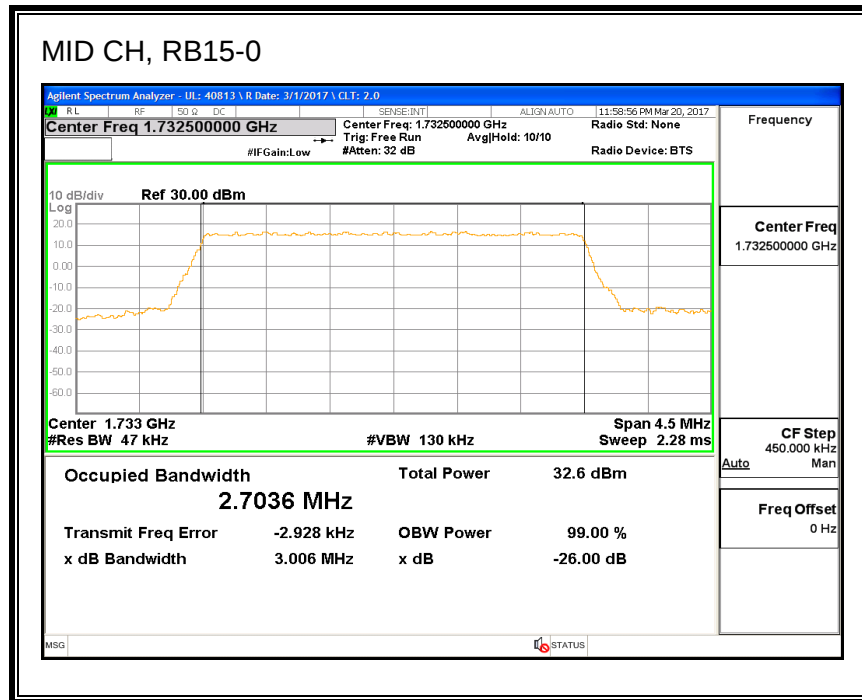
64QAM, (1.4 MHz BAND WIDTH)



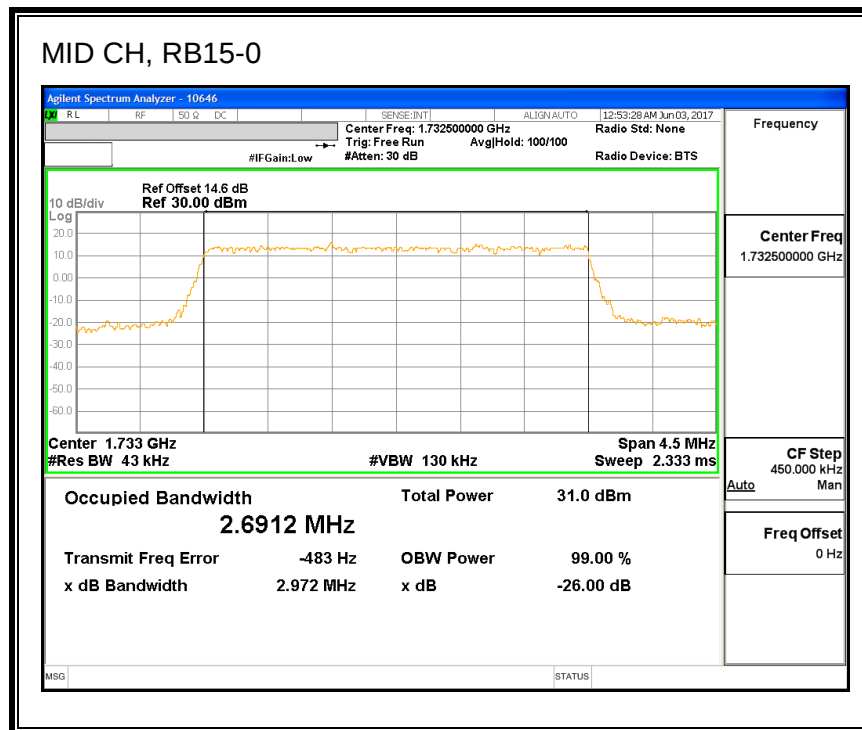
QPSK, (3.0 MHz BAND WIDTH)



16QAM, (3.0 MHz BAND WIDTH)

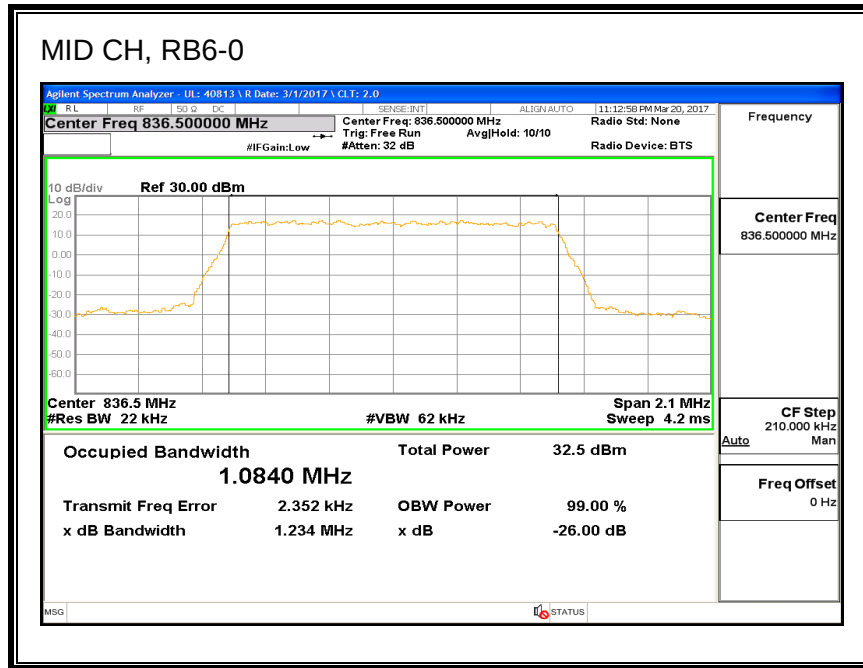


64QAM, (3.0 MHz BAND WIDTH)

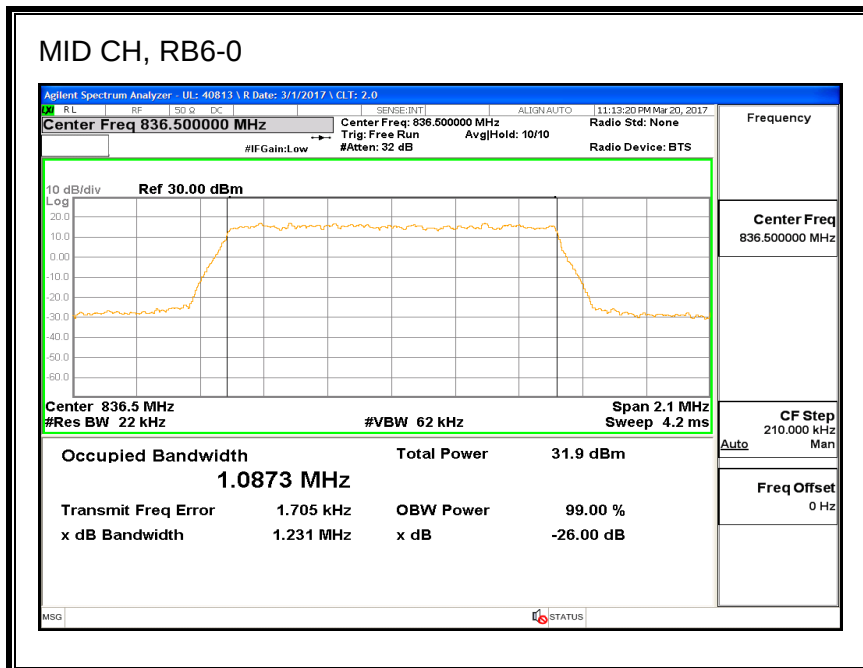


8.1.3. LTE BAND 5

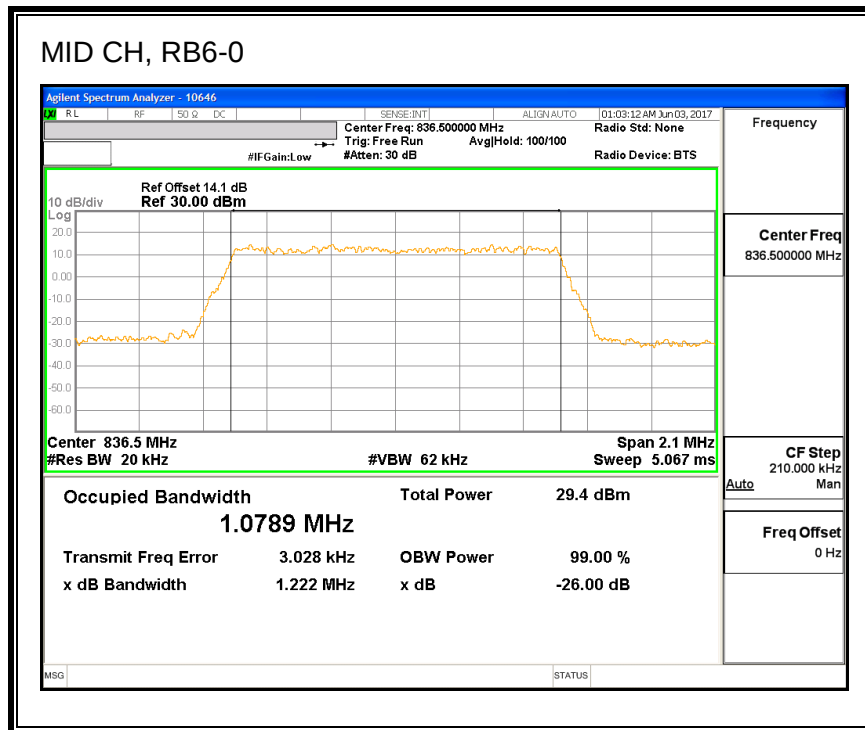
QPSK, (1.4 MHz BAND WIDTH)



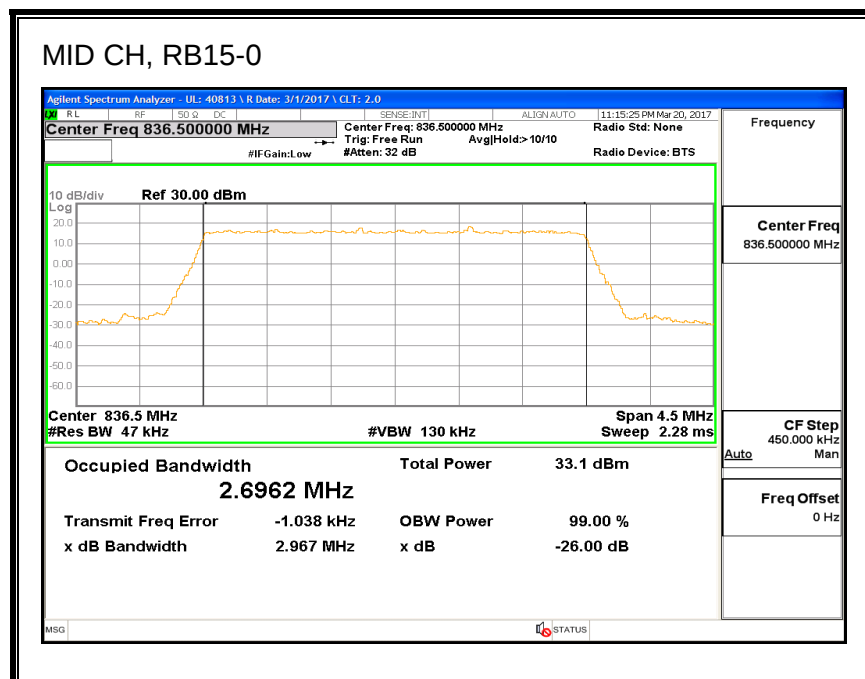
16QAM, (1.4 MHz BAND WIDTH)



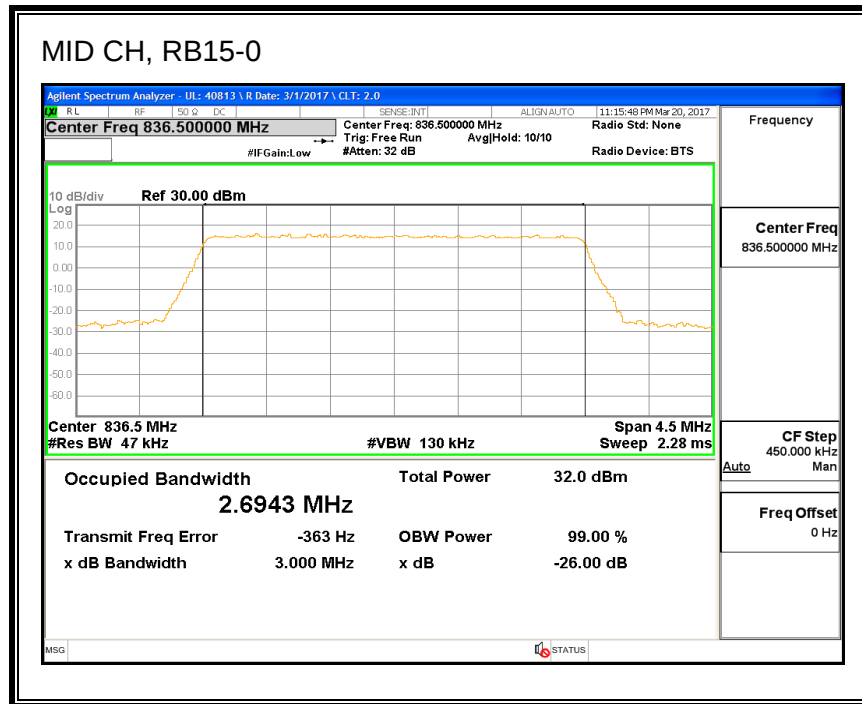
64QAM, (1.4 MHz BAND WIDTH)



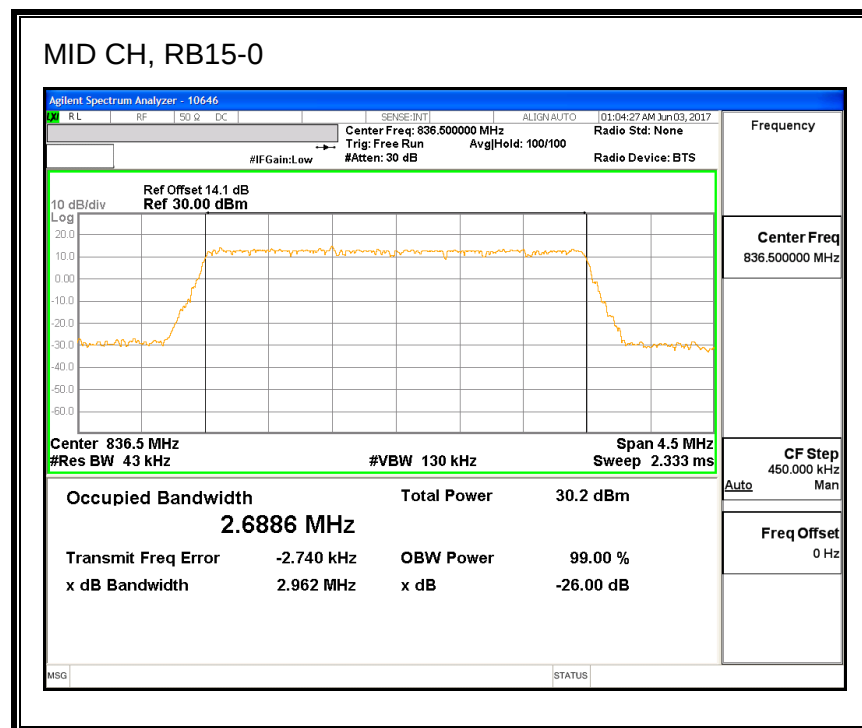
QPSK, (3.0 MHz BAND WIDTH)



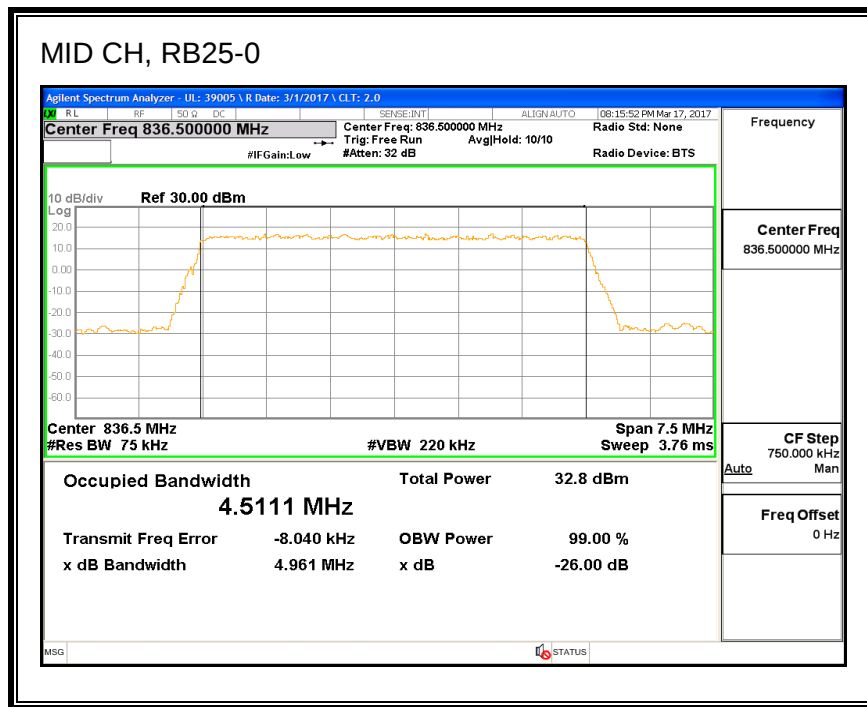
16QAM, (3.0 MHz BAND WIDTH)



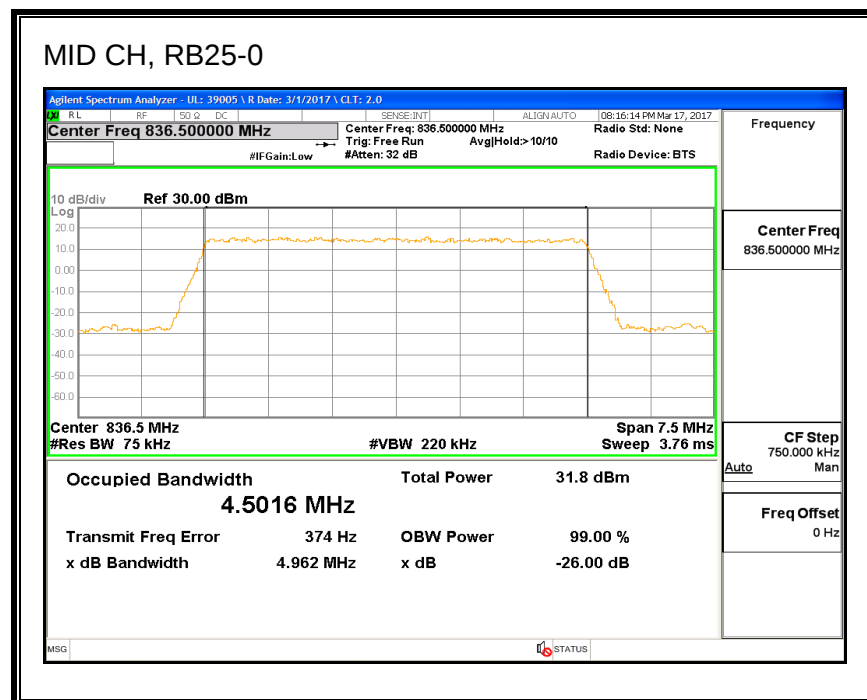
64QAM, (3.0 MHz BAND WIDTH)



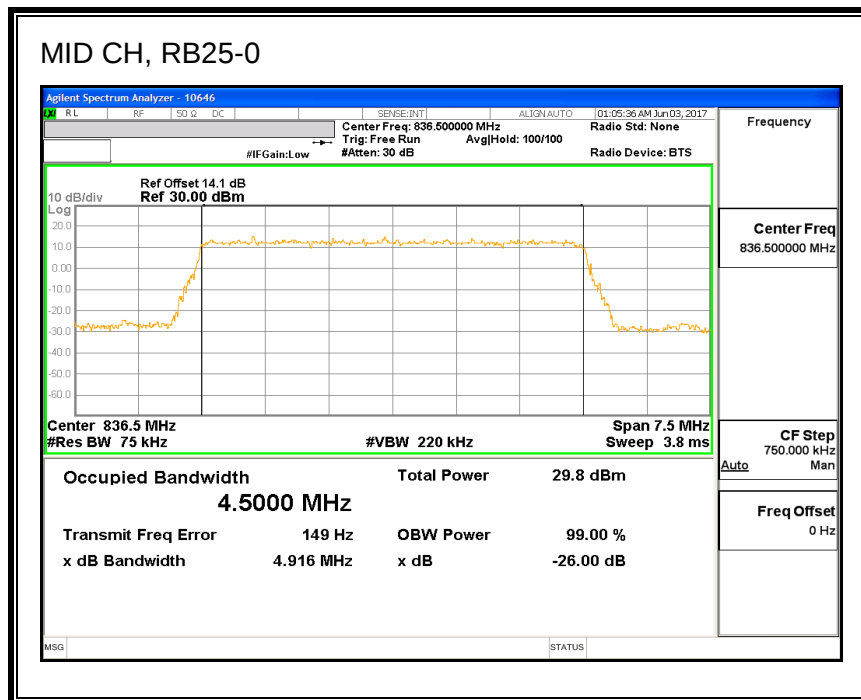
QPSK, (5.0 MHz BAND WIDTH)



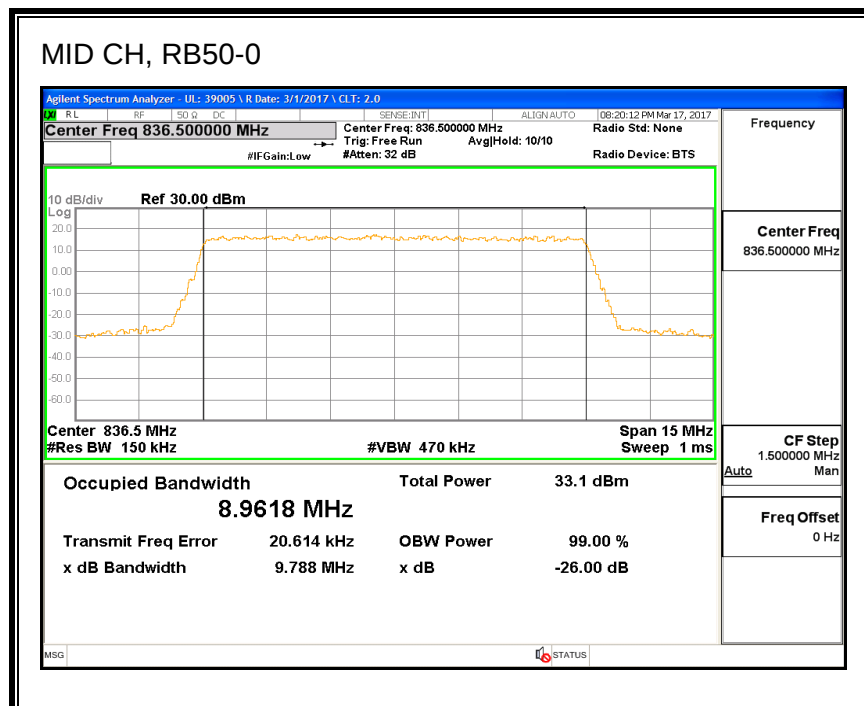
16QAM, (5.0 MHz BAND WIDTH)



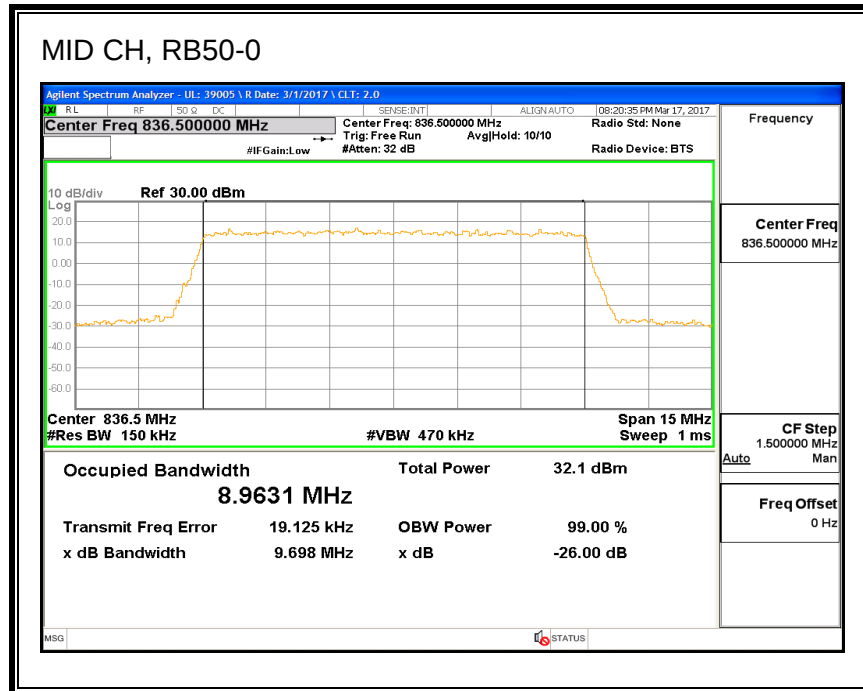
64QAM, (5.0 MHz BAND WIDTH)



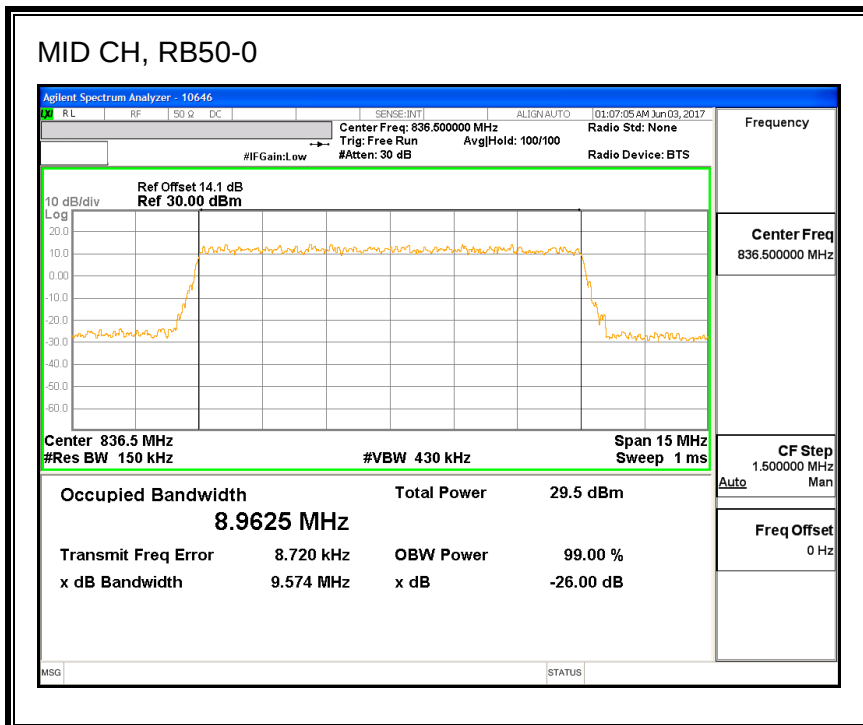
QPSK, (10.0 MHz BAND WIDTH)



16QAM, (10.0 MHz BAND WIDTH)

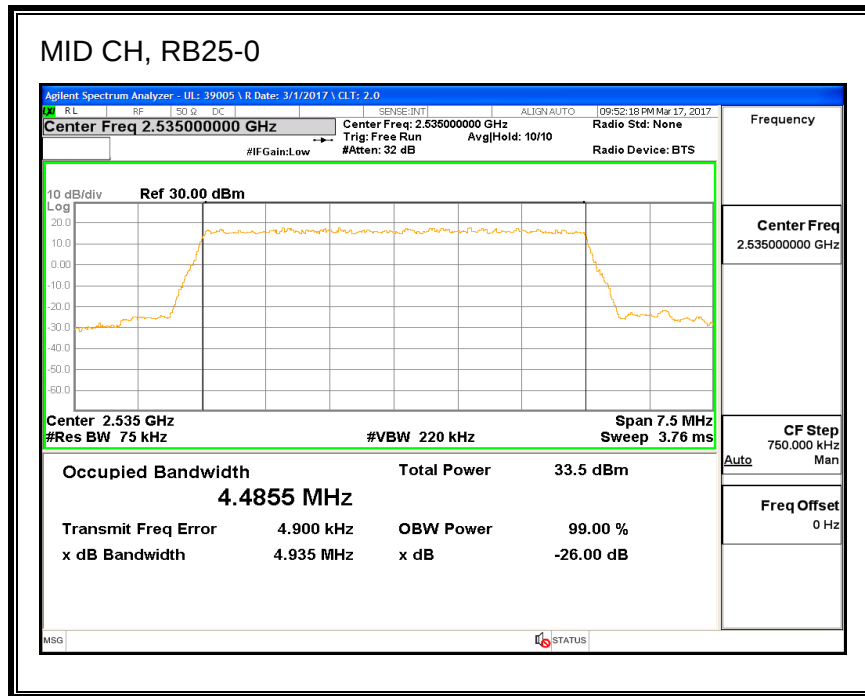


64QAM, (10.0 MHz BAND WIDTH)

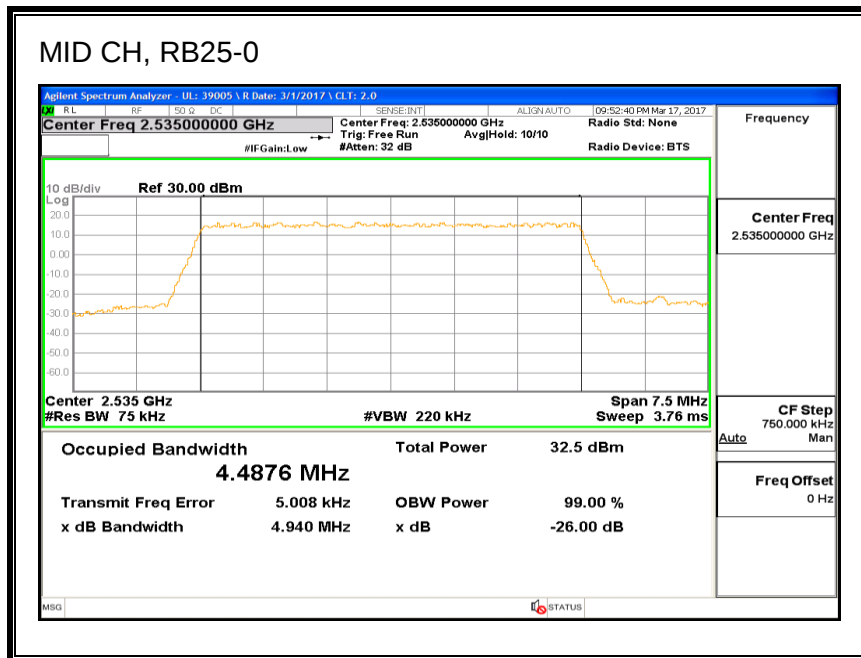


8.1.4. LTE BAND 7

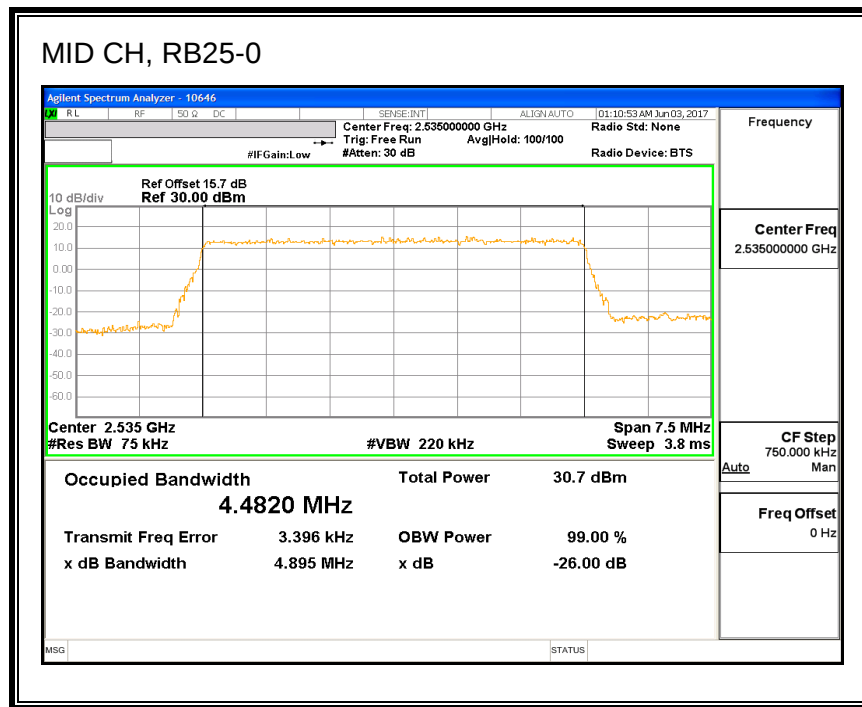
QPSK, (5.0 MHz BAND WIDTH)



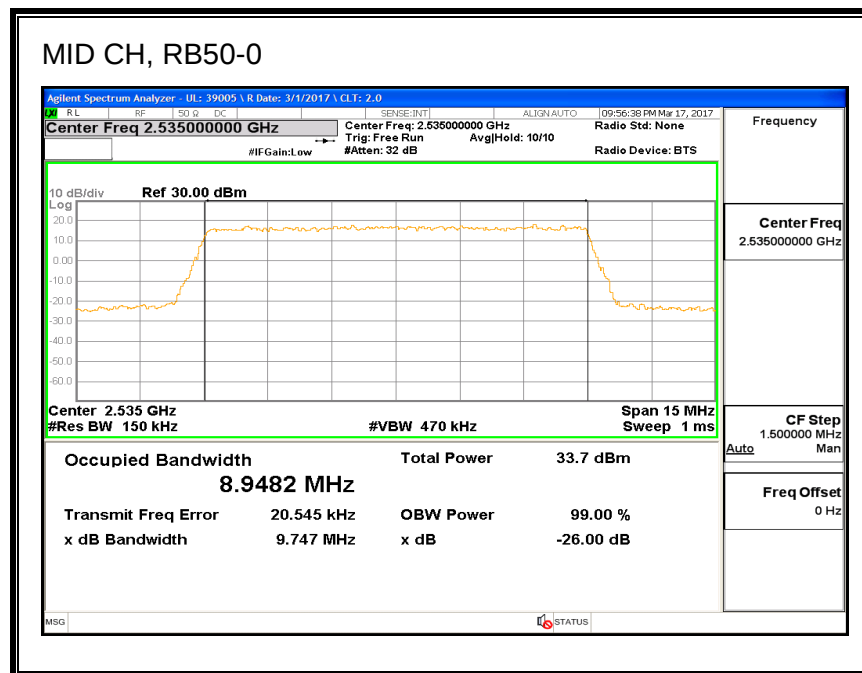
16QAM, (5.0 MHz BAND WIDTH)



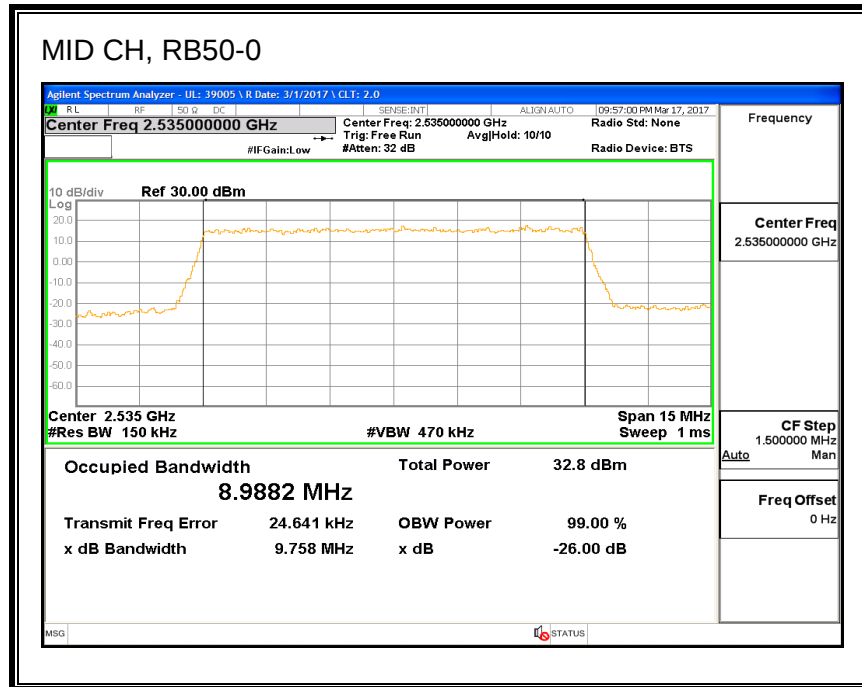
64QAM, (5.0 MHz BAND WIDTH)



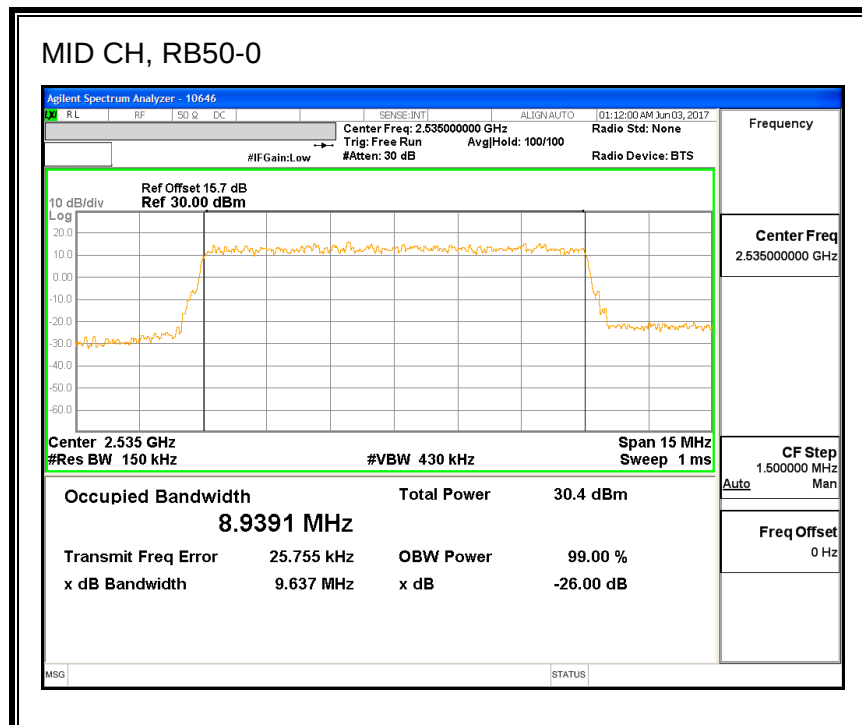
QPSK, (10.0 MHz BAND WIDTH)



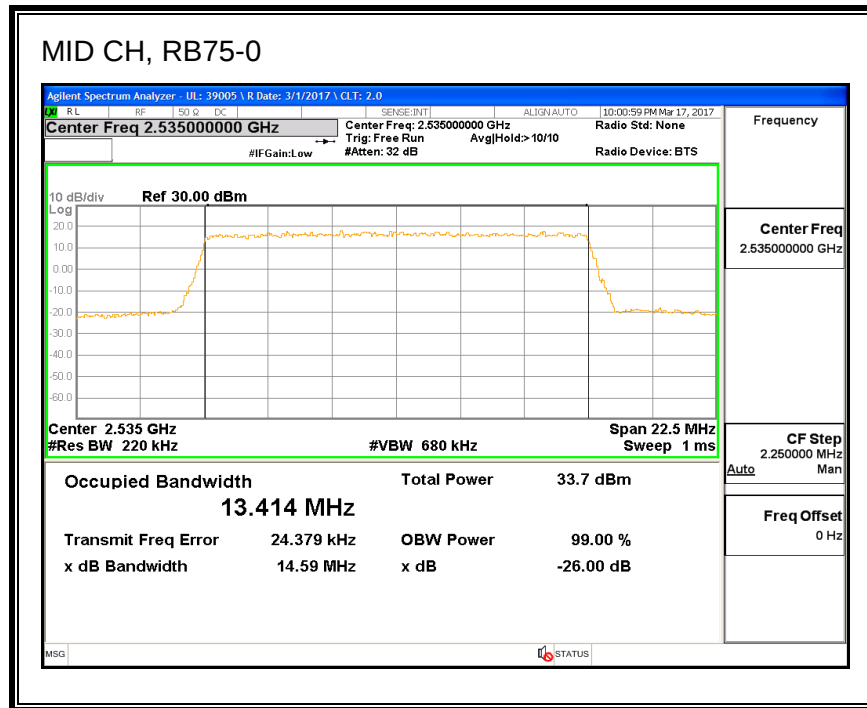
16QAM, (10.0 MHz BAND WIDTH)



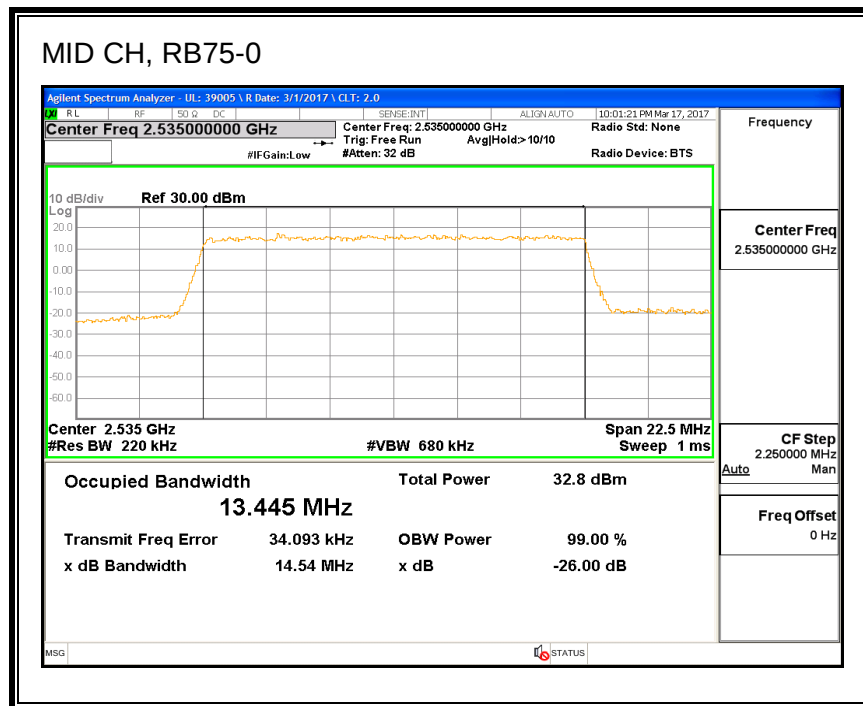
64QAM, (10.0 MHz BAND WIDTH)



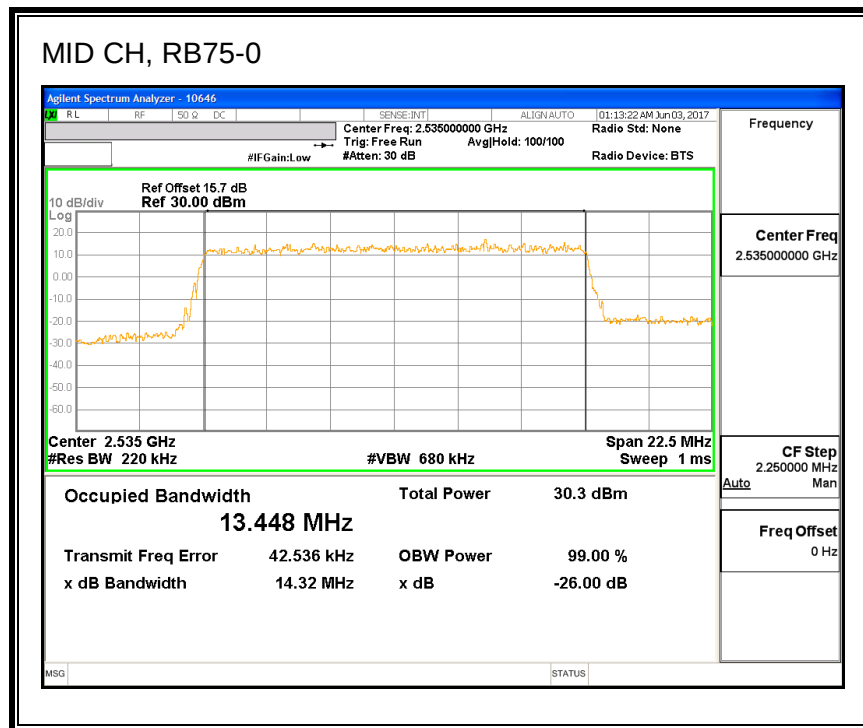
QPSK, (15.0 MHz BAND WIDTH)



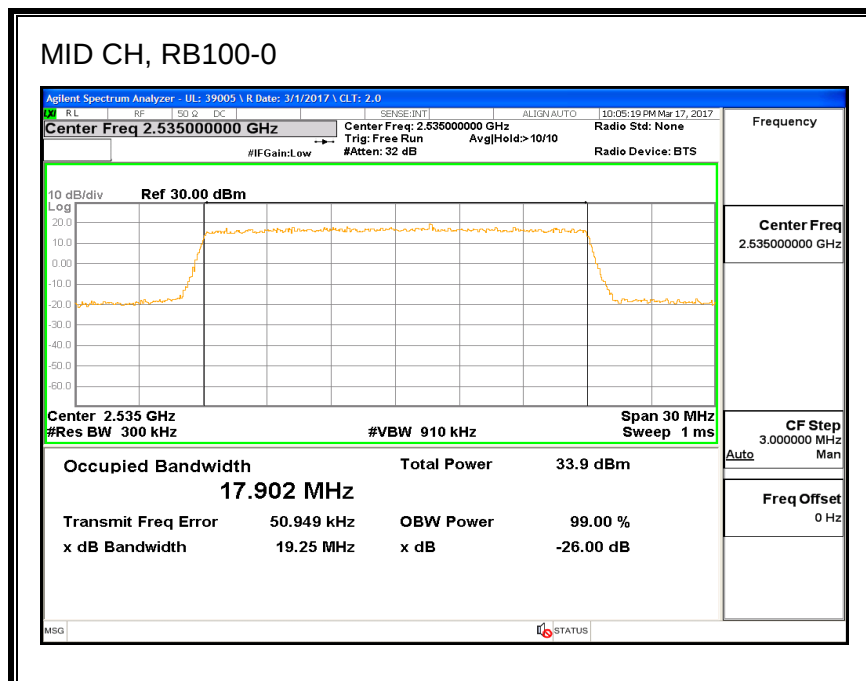
16QAM, (15.0 MHz BAND WIDTH)



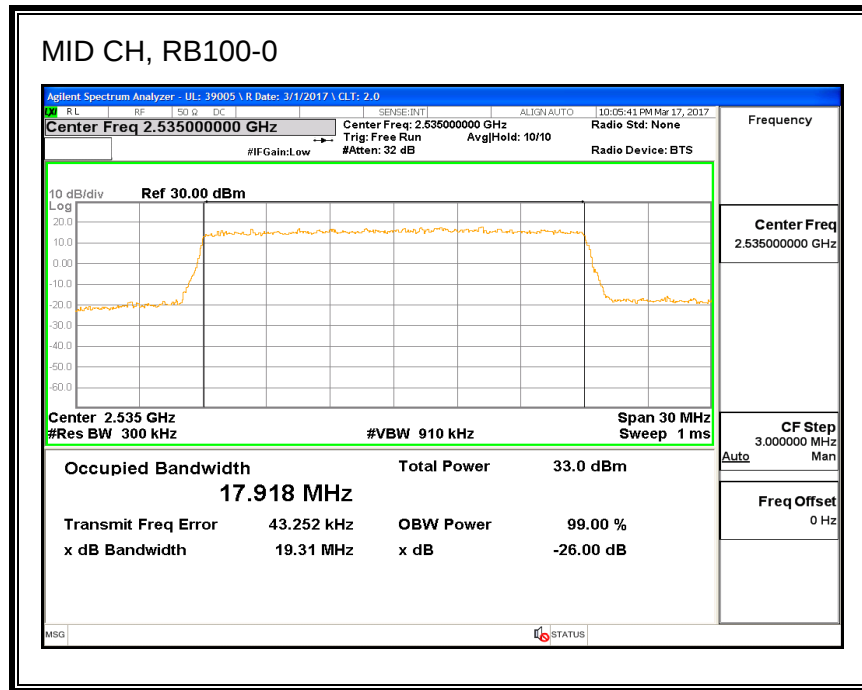
64QAM, (15.0 MHz BAND WIDTH)



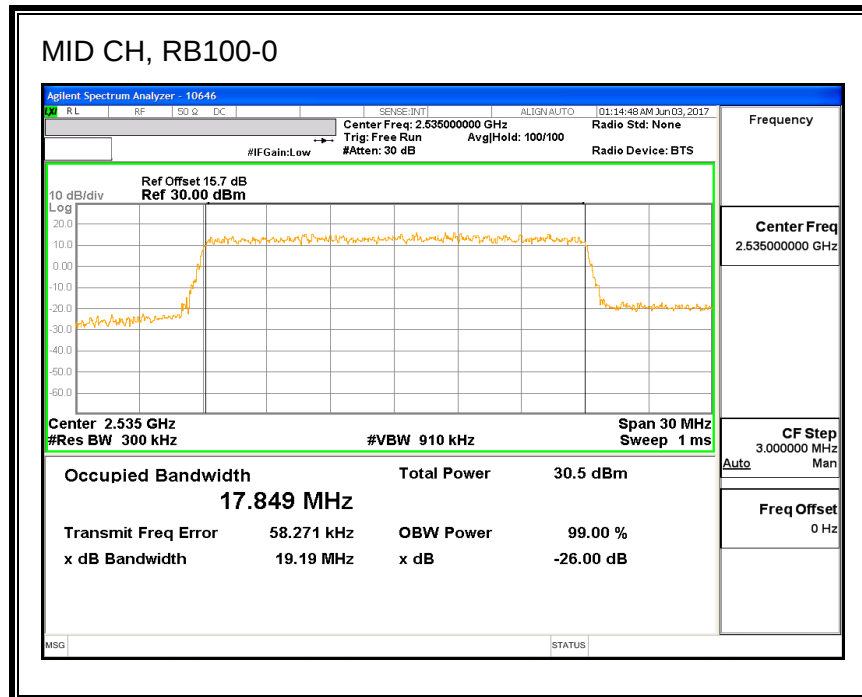
QPSK, (20.0 MHz BAND WIDTH)



16QAM, (20.0 MHz BAND WIDTH)

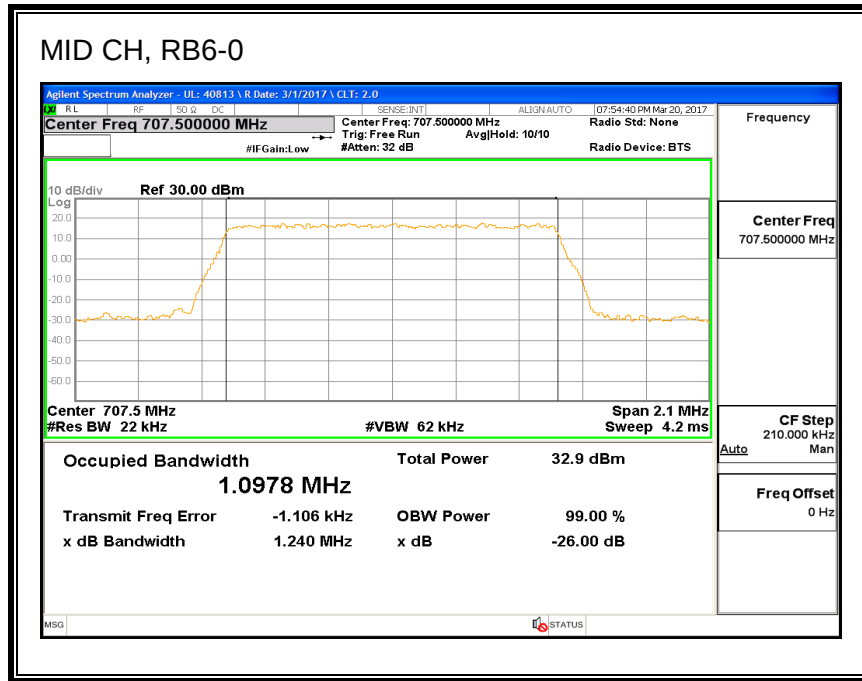


64QAM, (20.0 MHz BAND WIDTH)

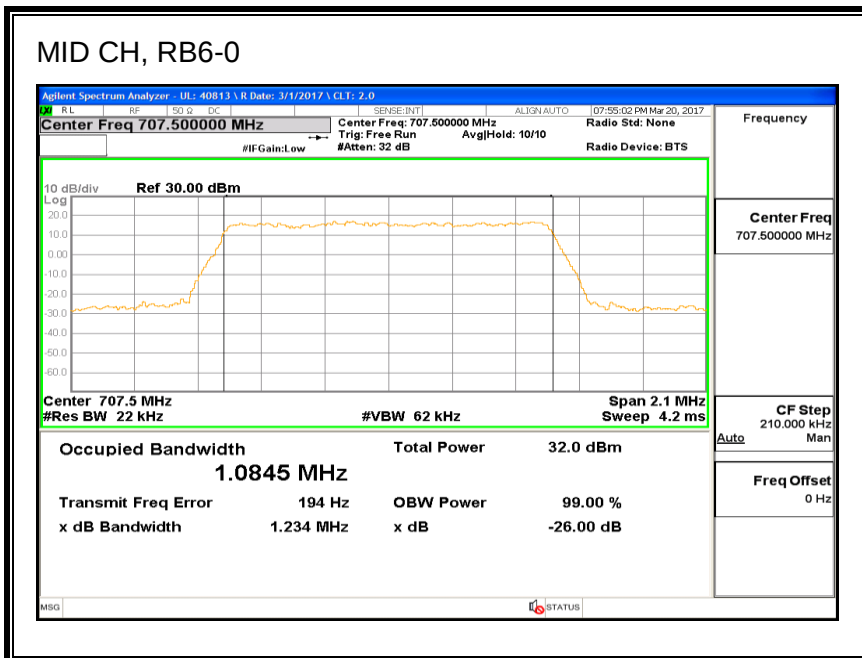


8.1.5. LTE BAND 12

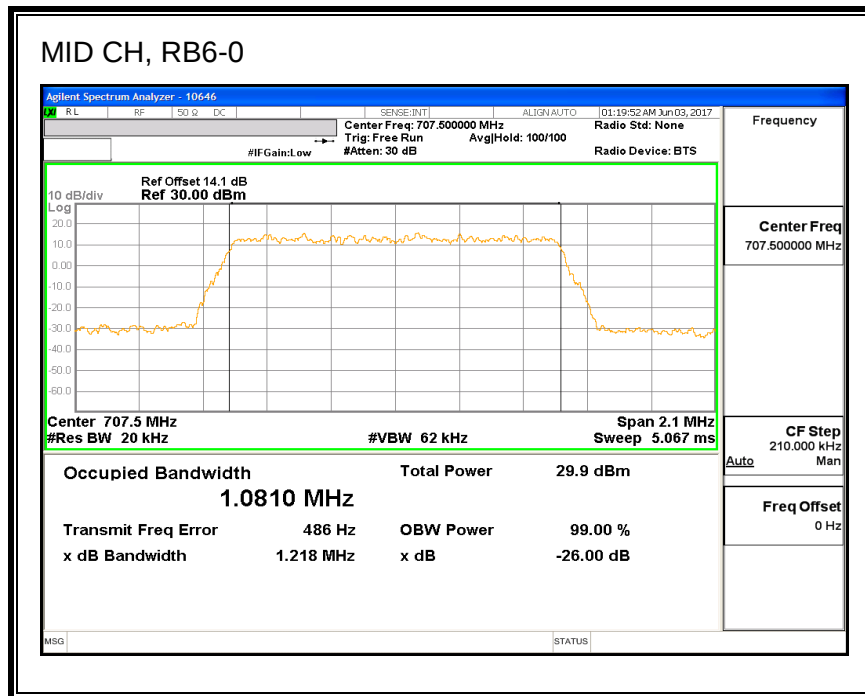
QPSK, (1.4 MHz BAND WIDTH)



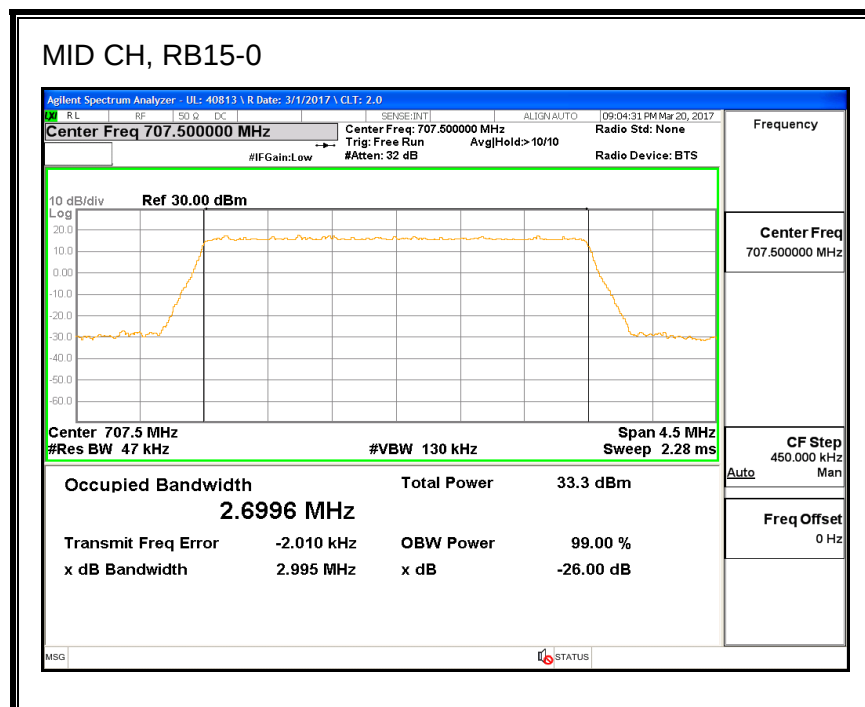
16QAM, (1.4 MHz BAND WIDTH)



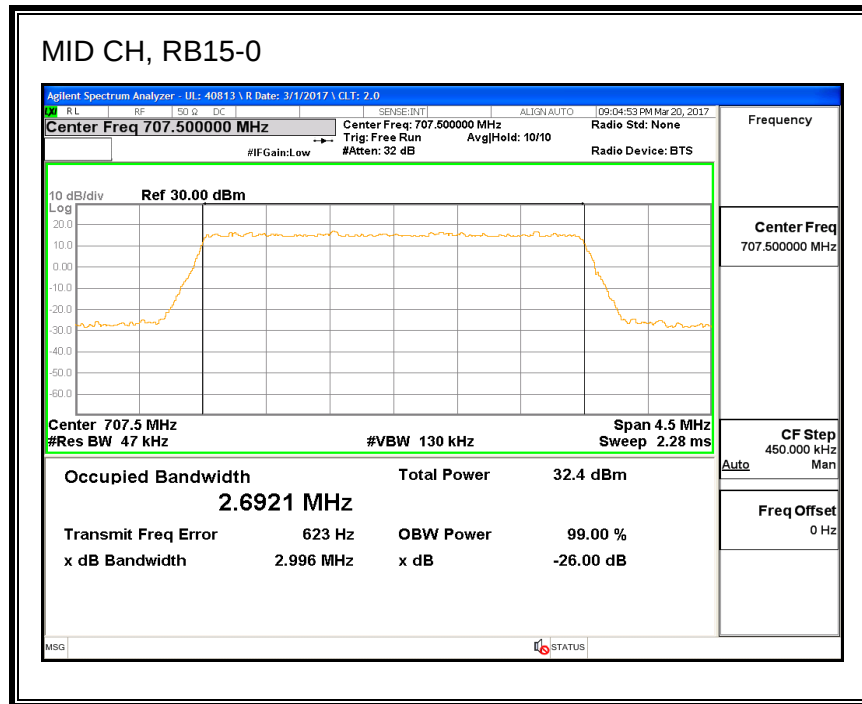
64QAM, (1.4 MHz BAND WIDTH)



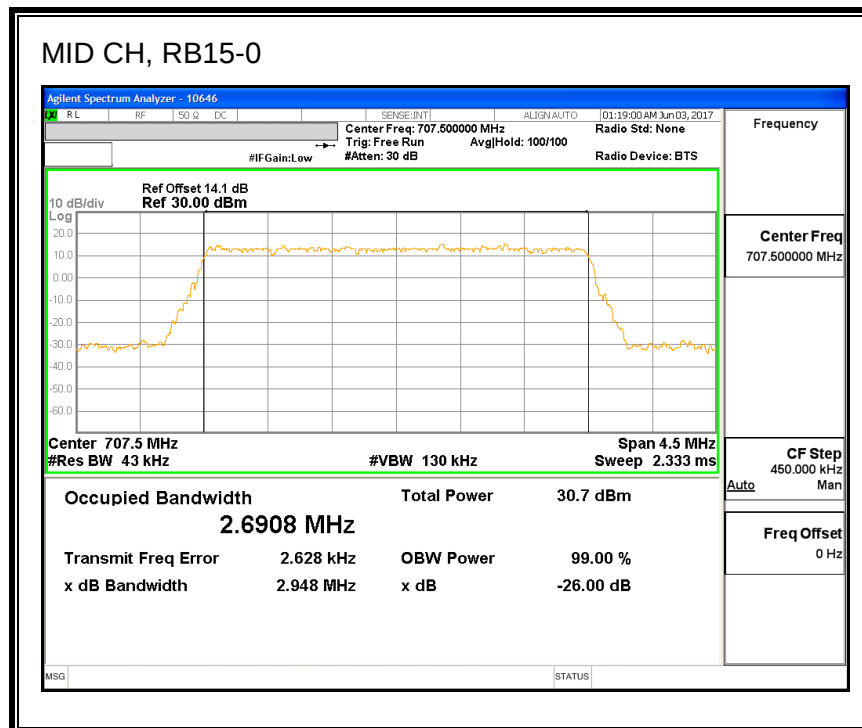
QPSK, (3.0 MHz BAND WIDTH)



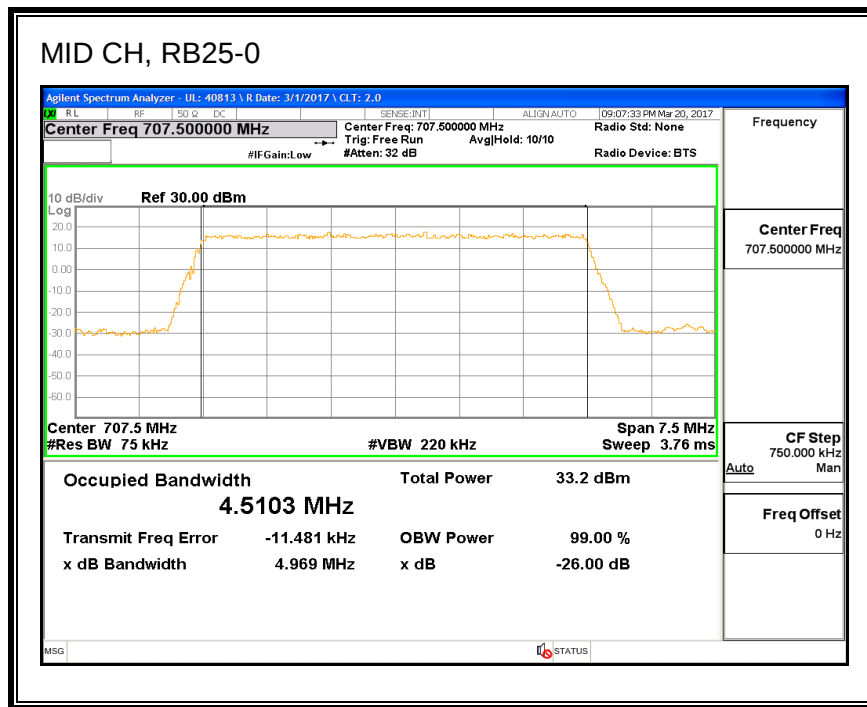
16QAM, (3.0 MHz BAND WIDTH)



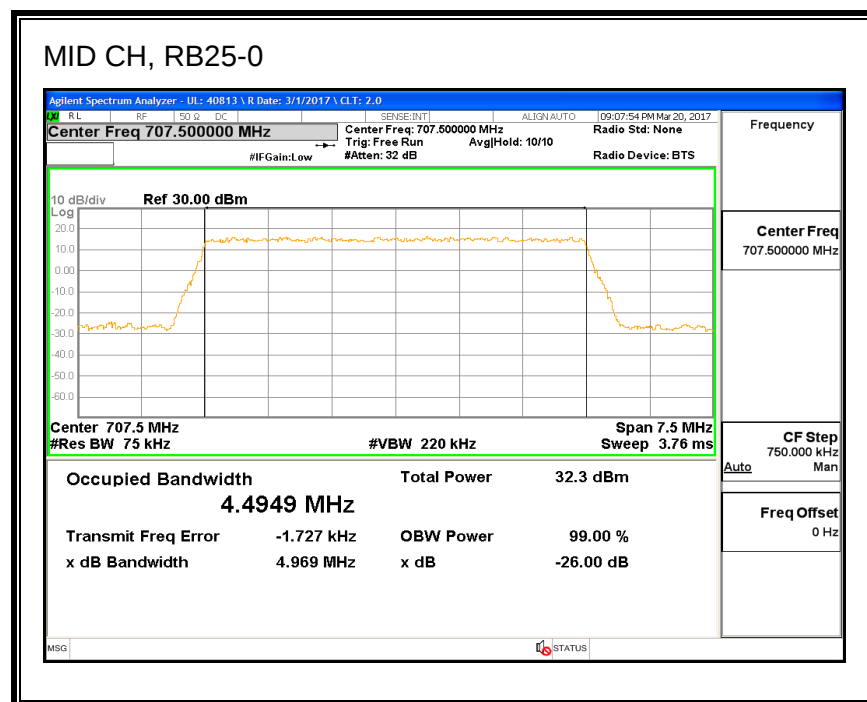
64QAM, (3.0 MHz BAND WIDTH)



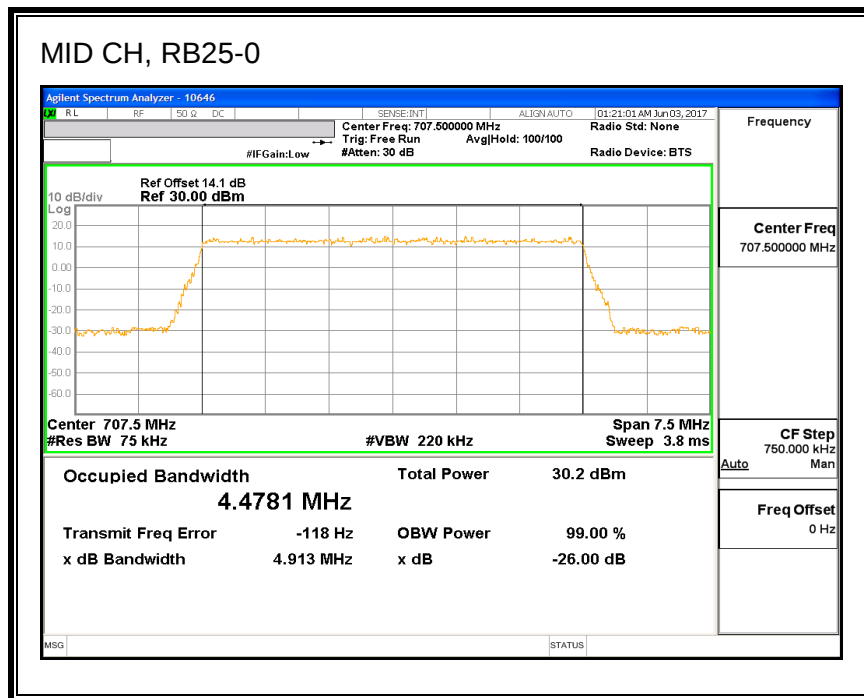
QPSK, (5.0 MHz BAND WIDTH)



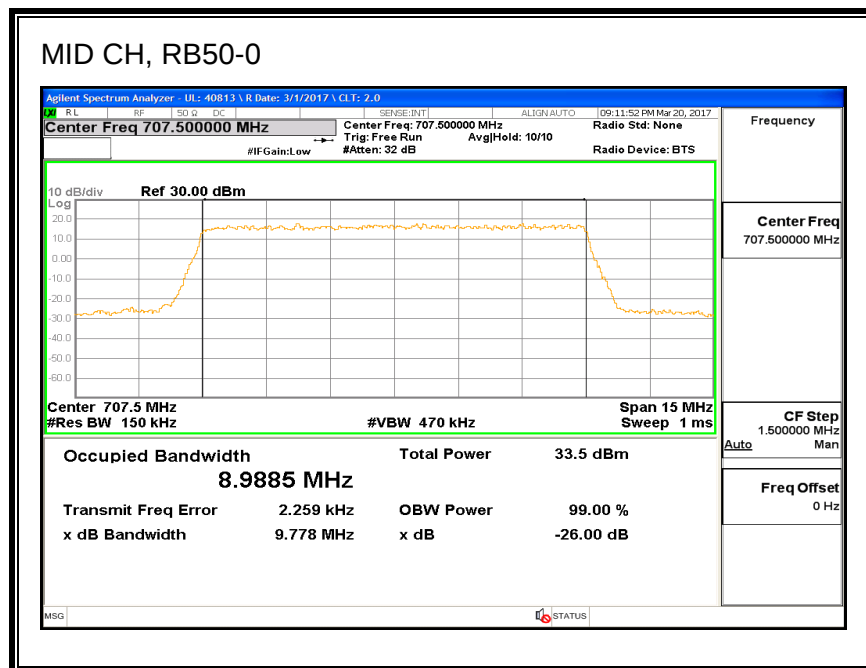
16QAM, (5.0 MHz BAND WIDTH)



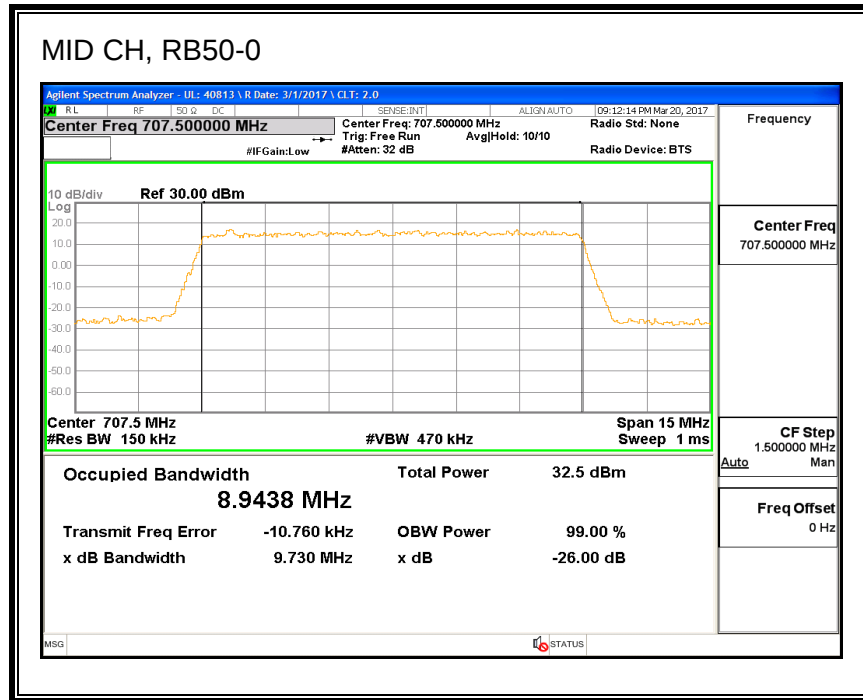
64QAM, (5.0 MHz BAND WIDTH)



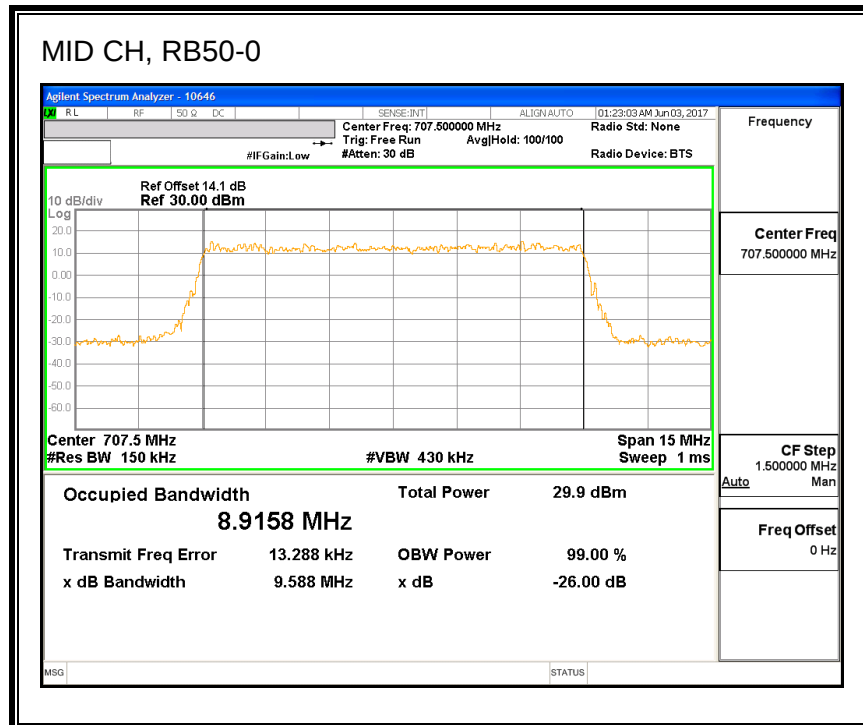
QPSK, (10.0 MHz BAND WIDTH)



16QAM, (10.0 MHz BAND WIDTH)

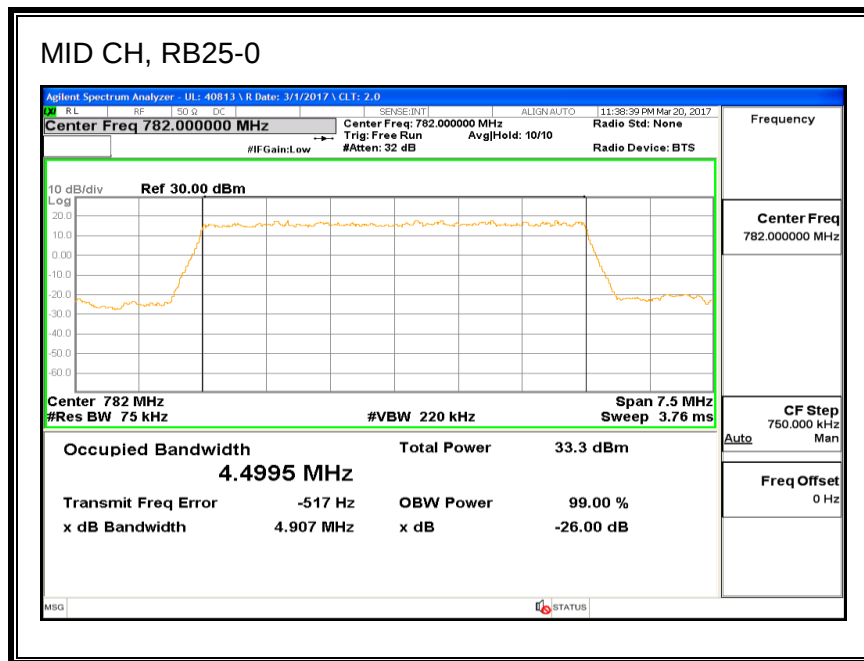


64QAM, (10.0 MHz BAND WIDTH)

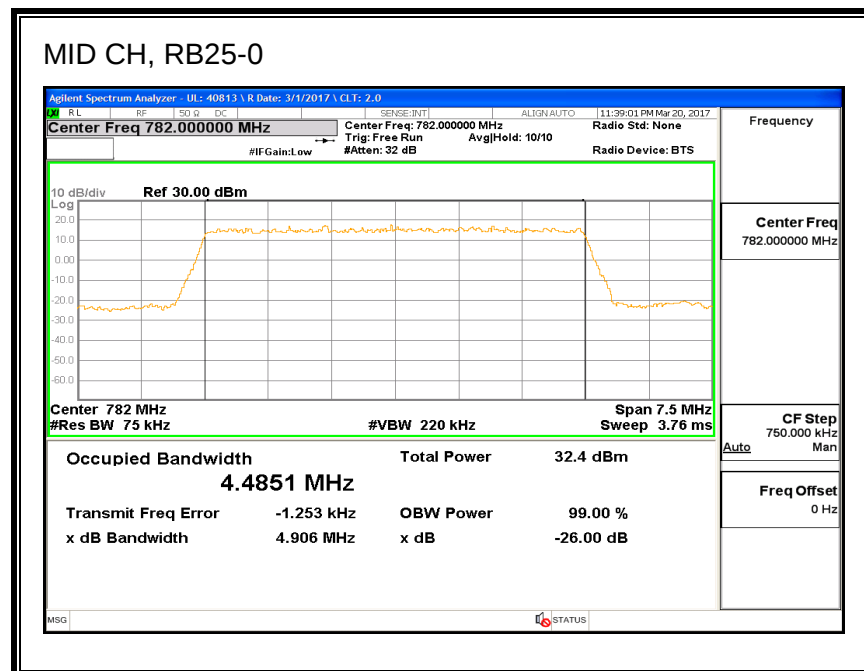


8.1.6. LTE BAND 13

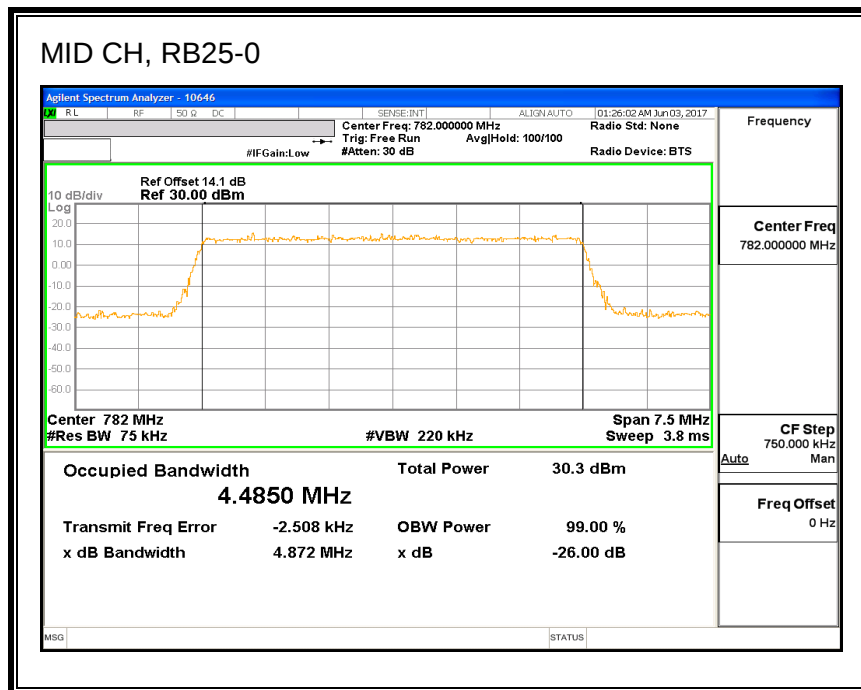
QPSK, (5.0 MHz BAND WIDTH)



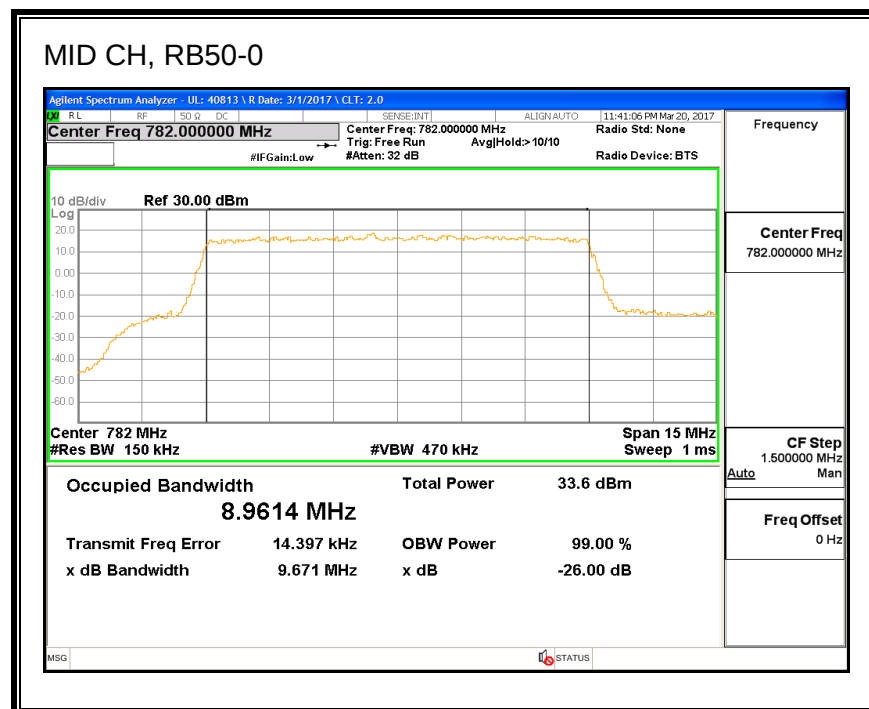
16QAM, (5.0 MHz BAND WIDTH)



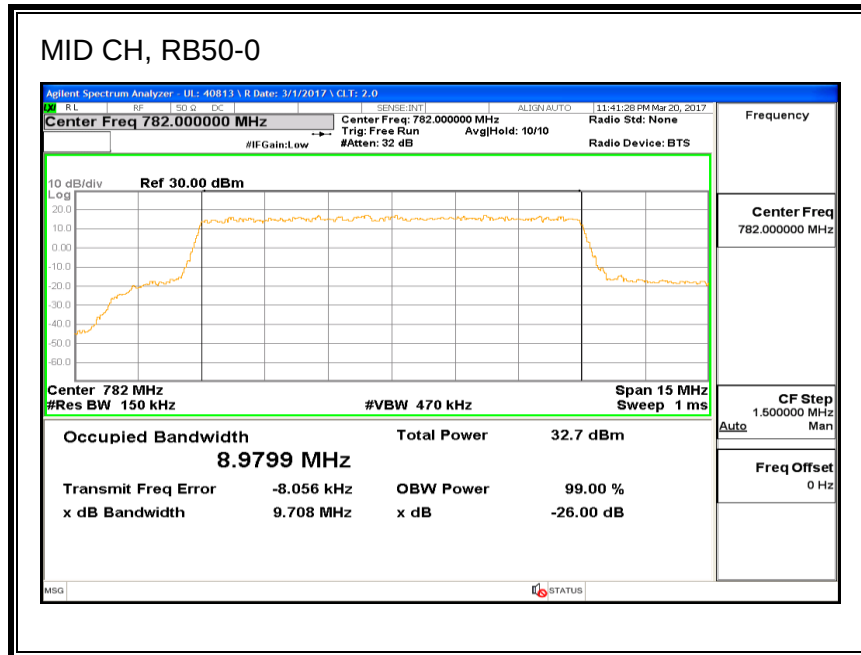
64QAM, (5.0 MHz BAND WIDTH)



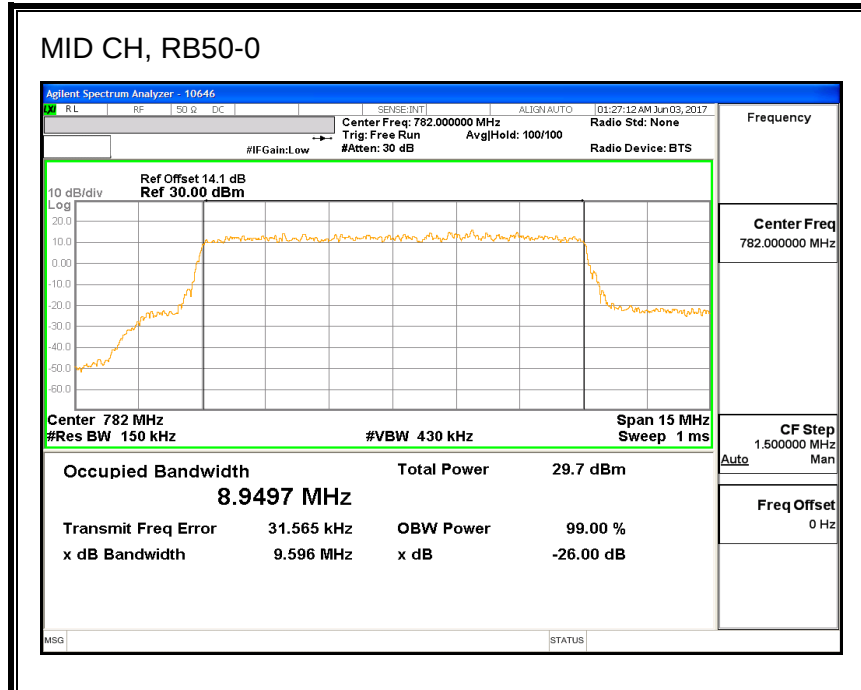
QPSK, (10.0 MHz BAND WIDTH)



16QAM, (10.0 MHz BAND WIDTH)

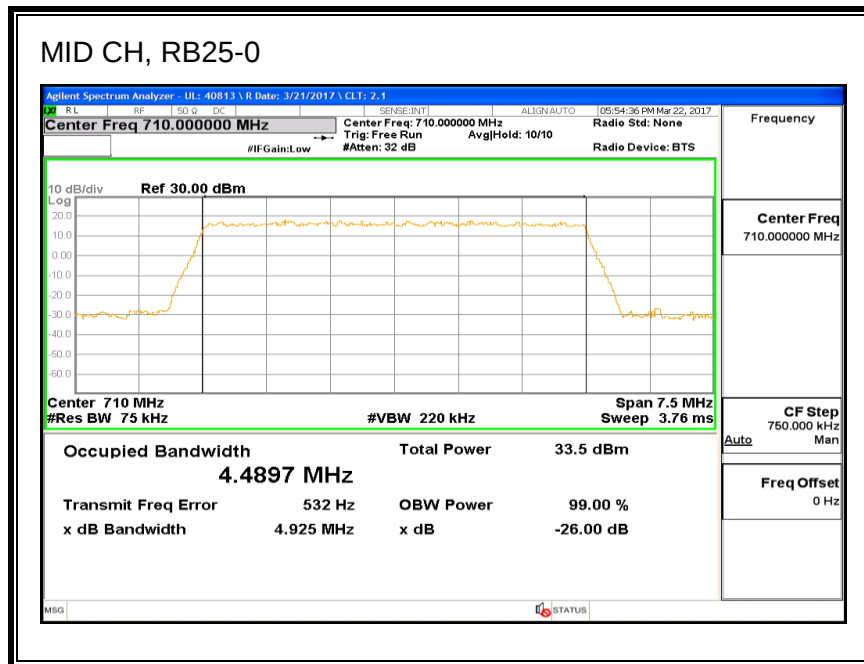


64QAM, (10.0 MHz BAND WIDTH)

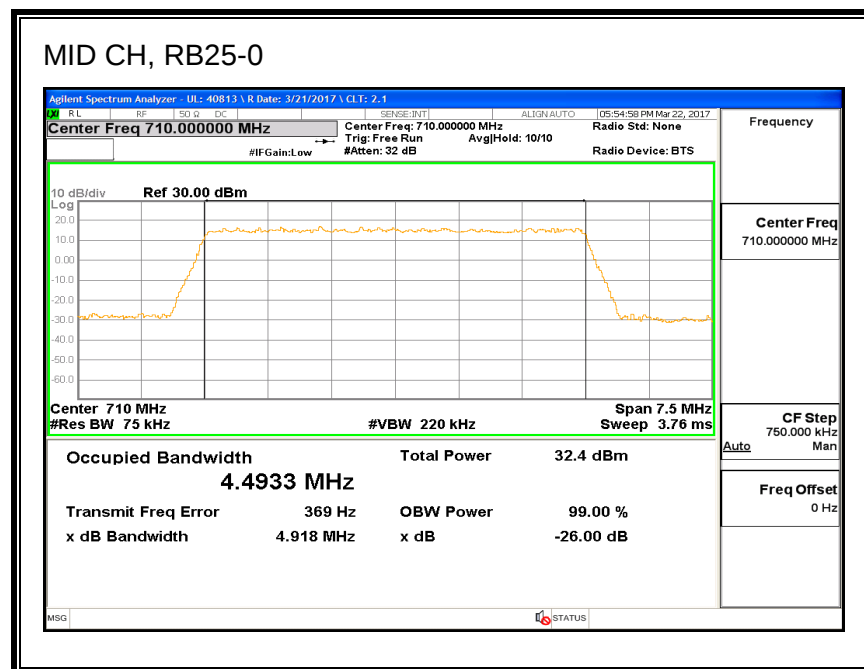


8.1.7. LTE BAND 17

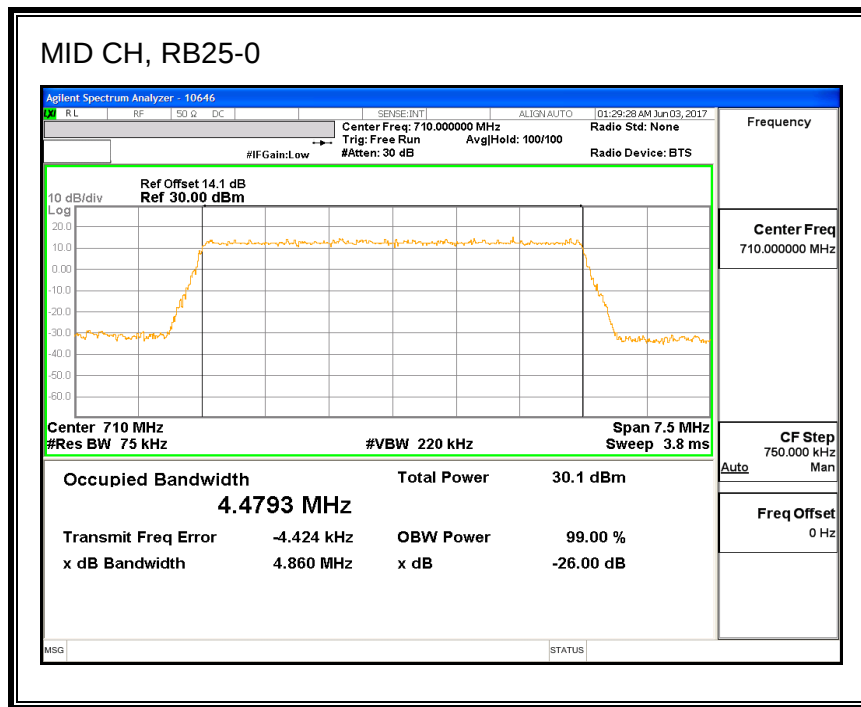
QPSK, (5.0 MHz BAND WIDTH)



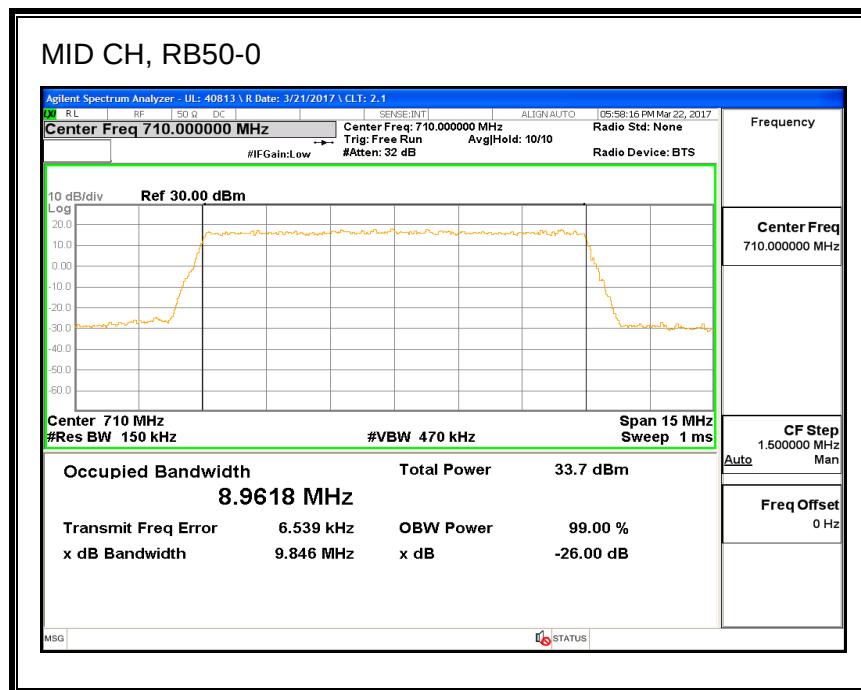
16QAM, (5.0 MHz BAND WIDTH)



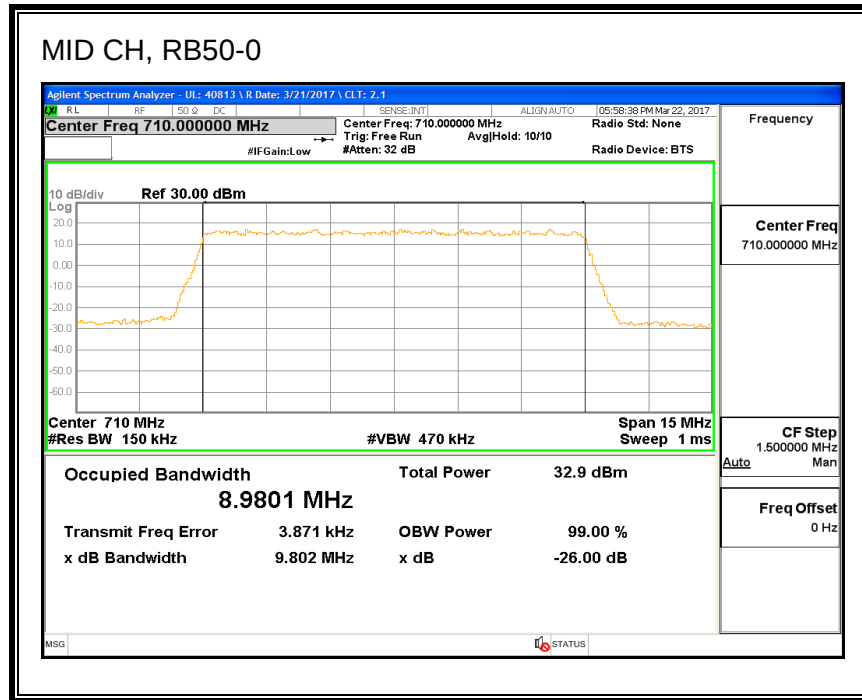
64QAM, (5.0 MHz BAND WIDTH)



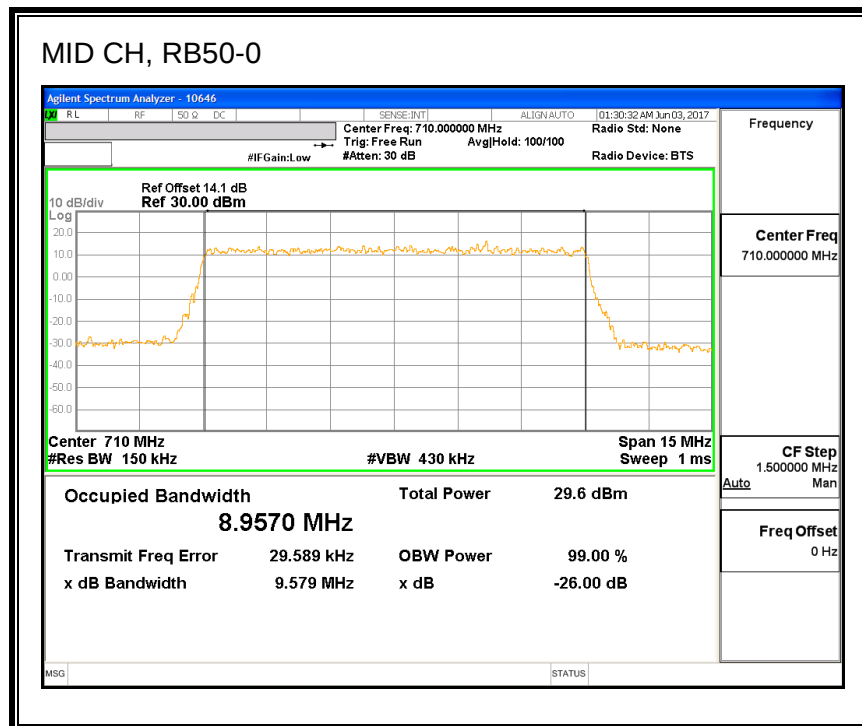
QPSK, (10.0 MHz BAND WIDTH)



16QAM, (10.0 MHz BAND WIDTH)

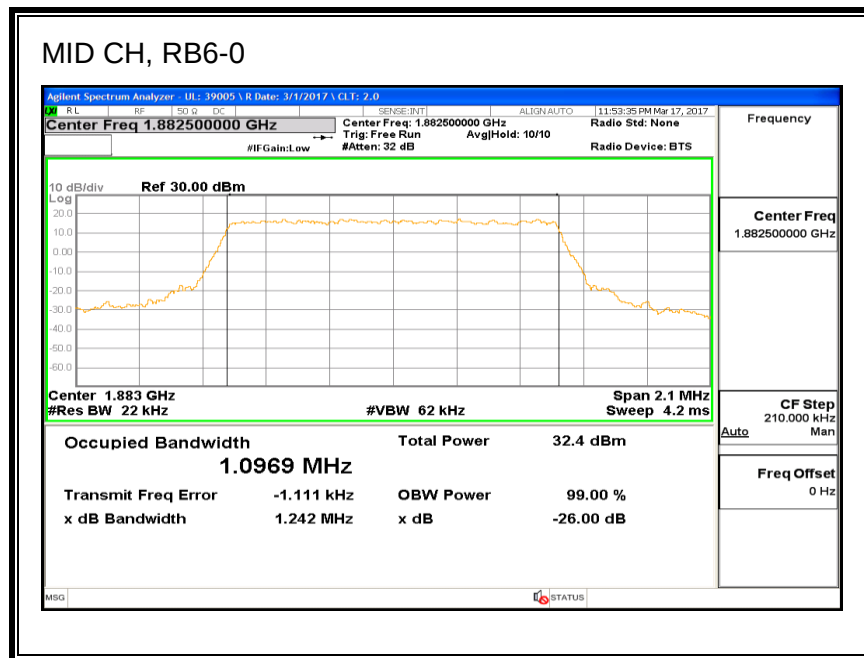


64QAM, (10.0 MHz BAND WIDTH)

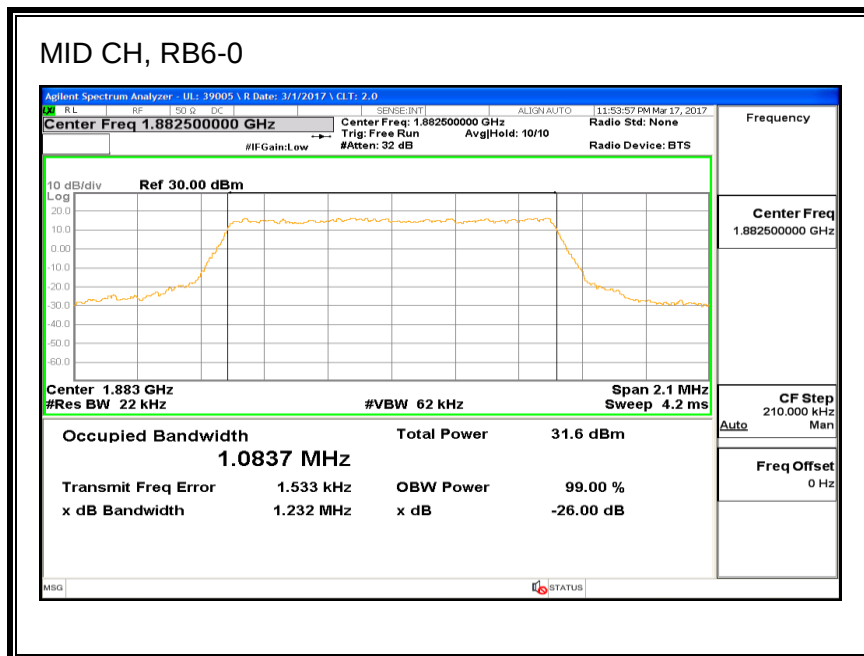


8.1.8. LTE BAND 25

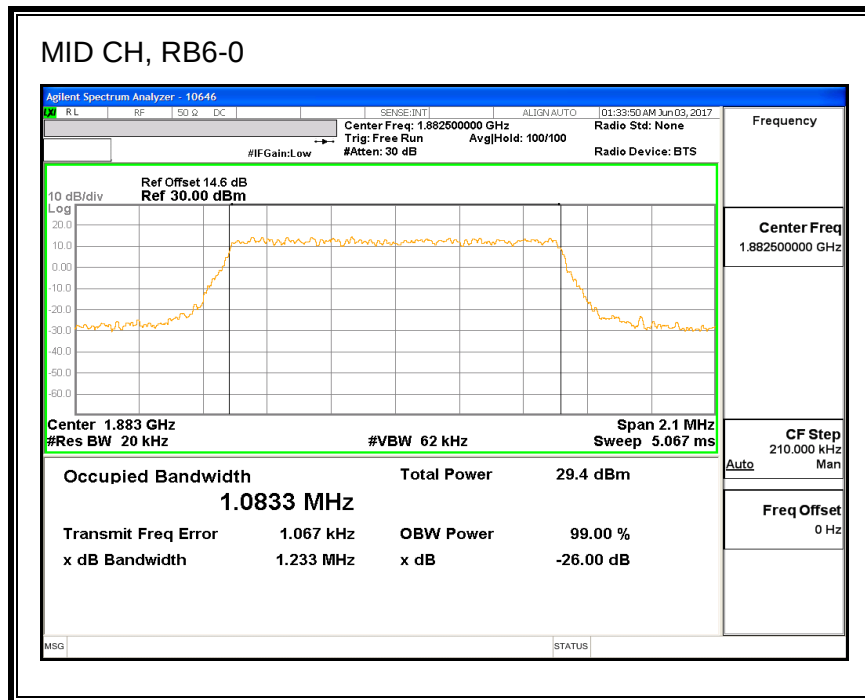
QPSK, (1.4 MHz BAND WIDTH)



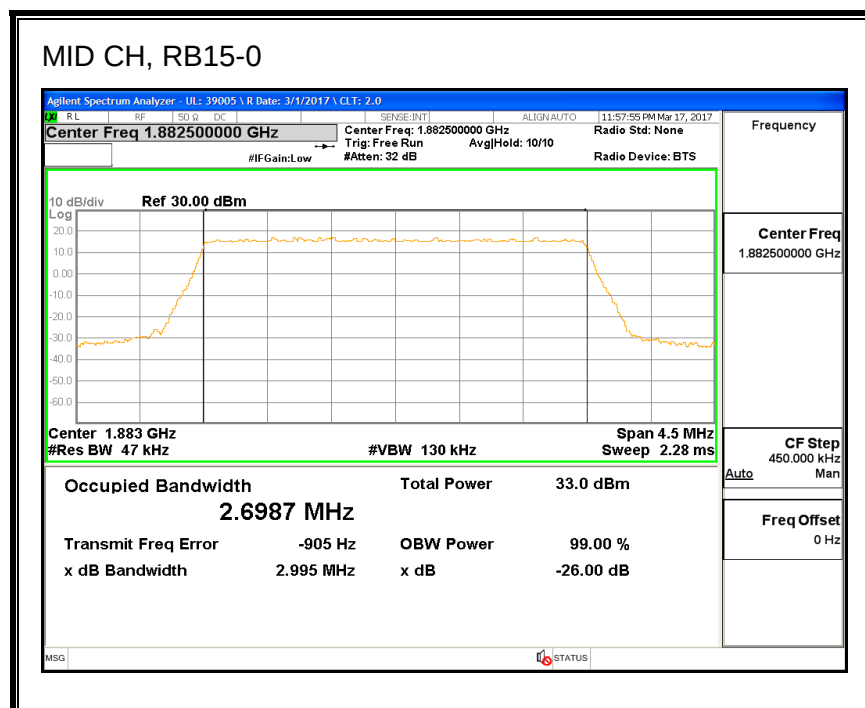
16QAM, (1.4 MHz BAND WIDTH)



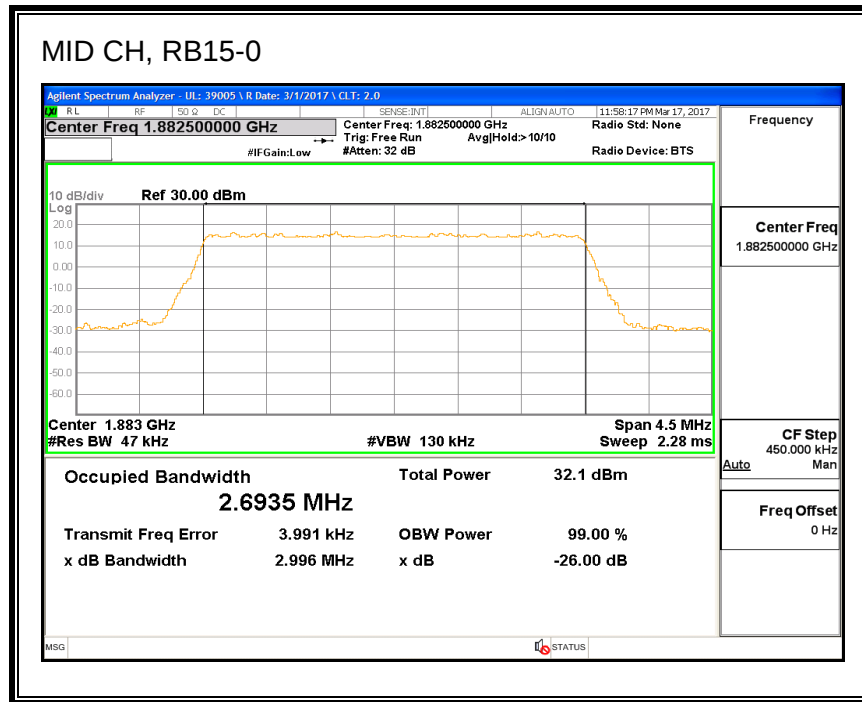
64QAM, (1.4 MHz BAND WIDTH)



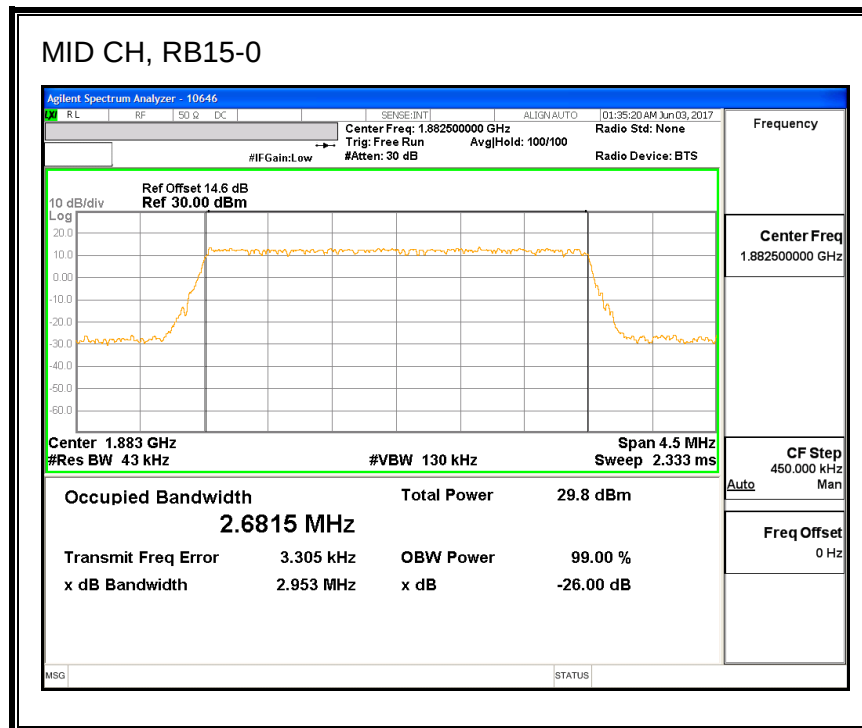
QPSK, (3.0 MHz BAND WIDTH)



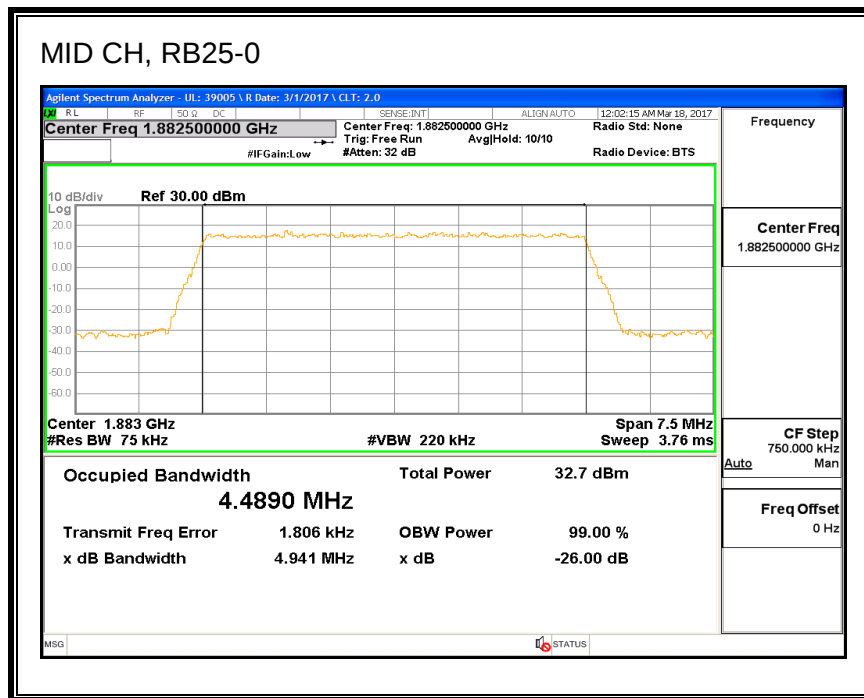
16QAM, (3.0 MHz BAND WIDTH)



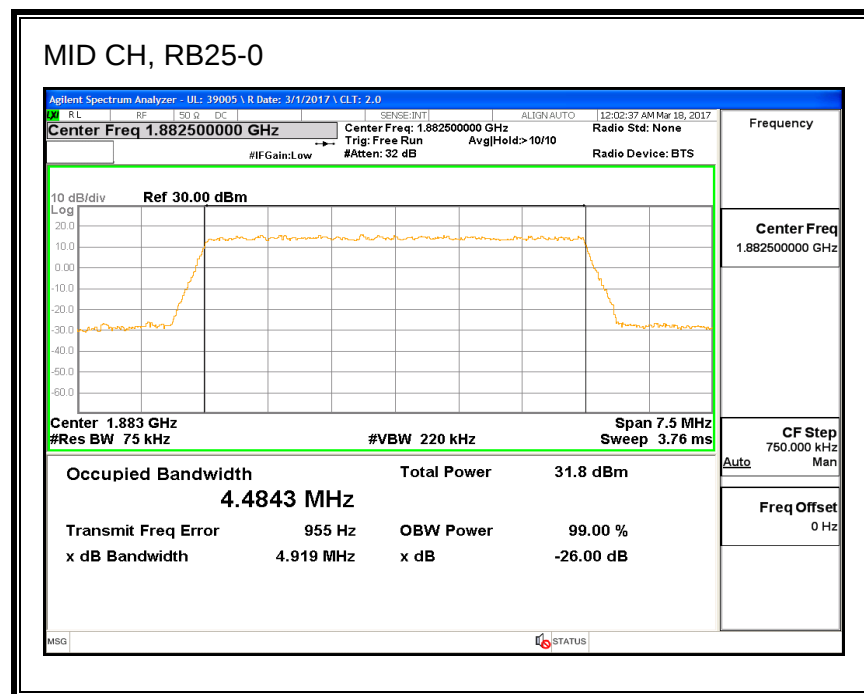
64QAM, (3.0 MHz BAND WIDTH)



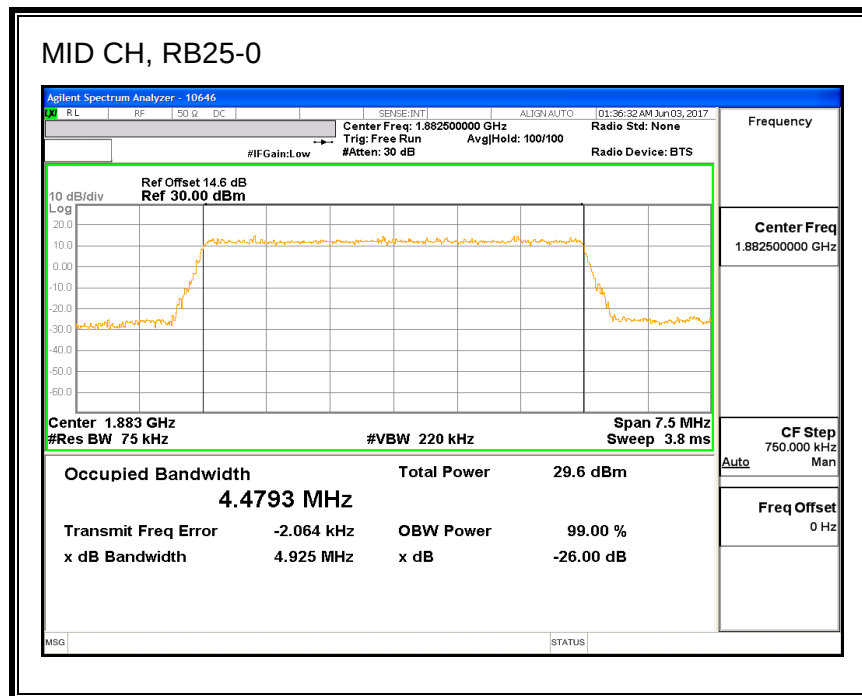
QPSK, (5.0 MHz BAND WIDTH)



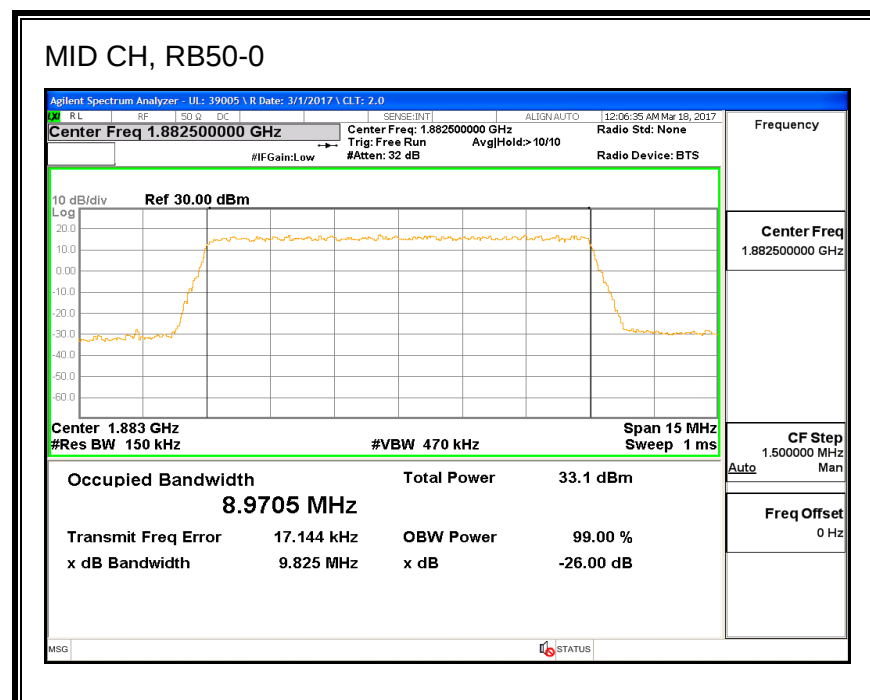
16QAM, (5.0 MHz BAND WIDTH)



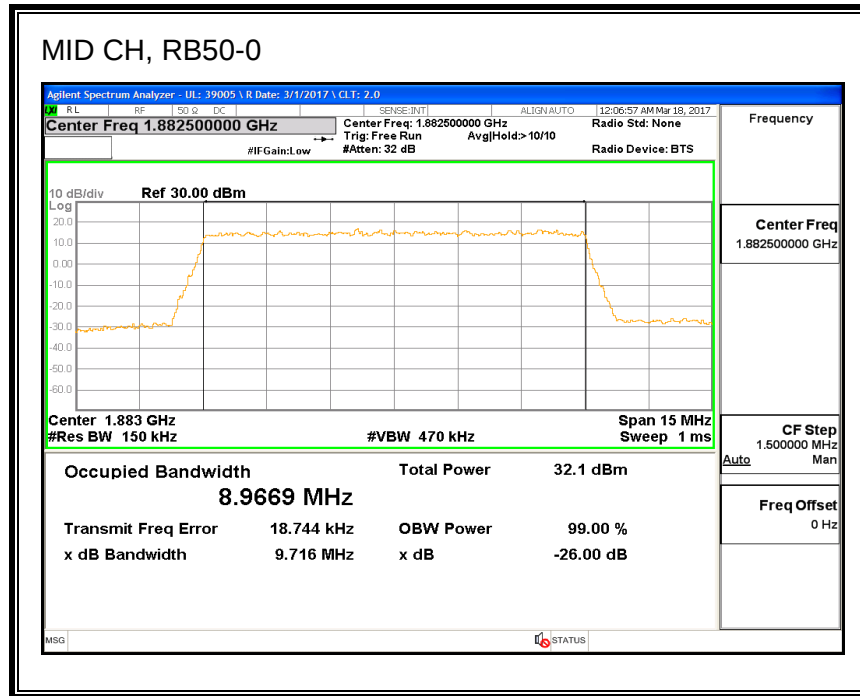
64QAM, (5.0 MHz BAND WIDTH)



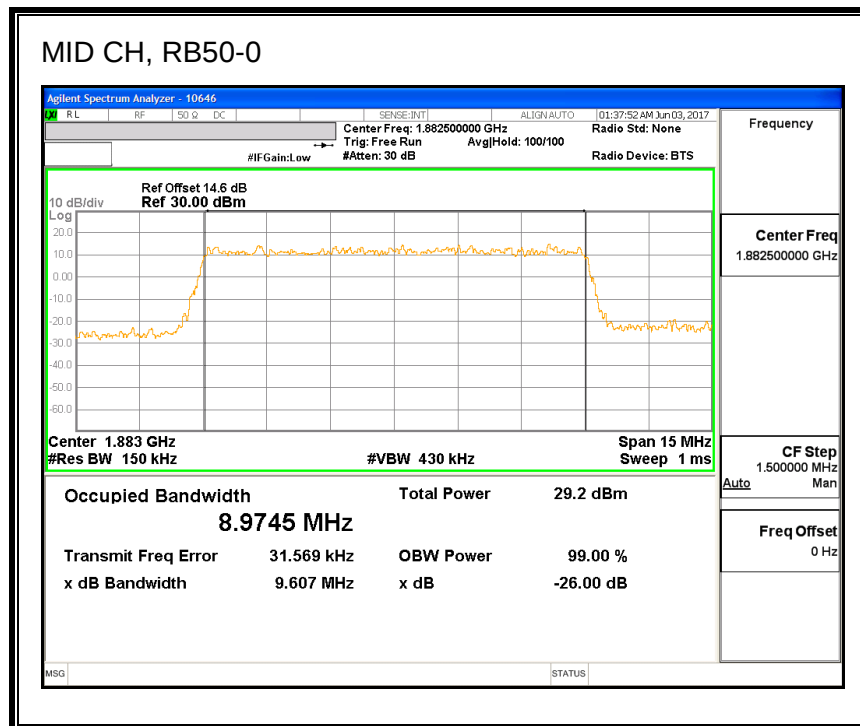
QPSK, (10.0 MHz BAND WIDTH)



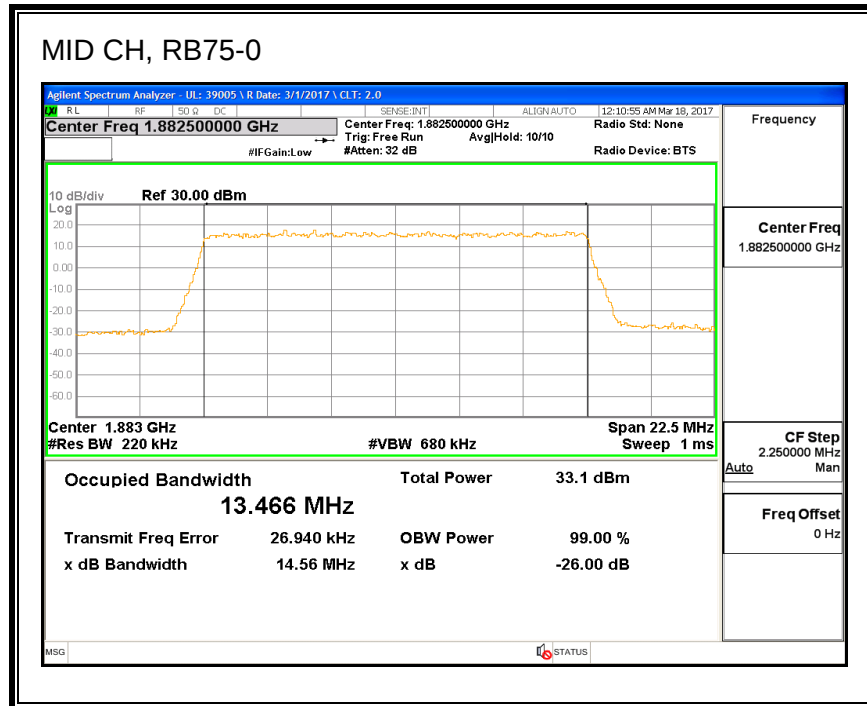
16QAM, (10.0 MHz BAND WIDTH)



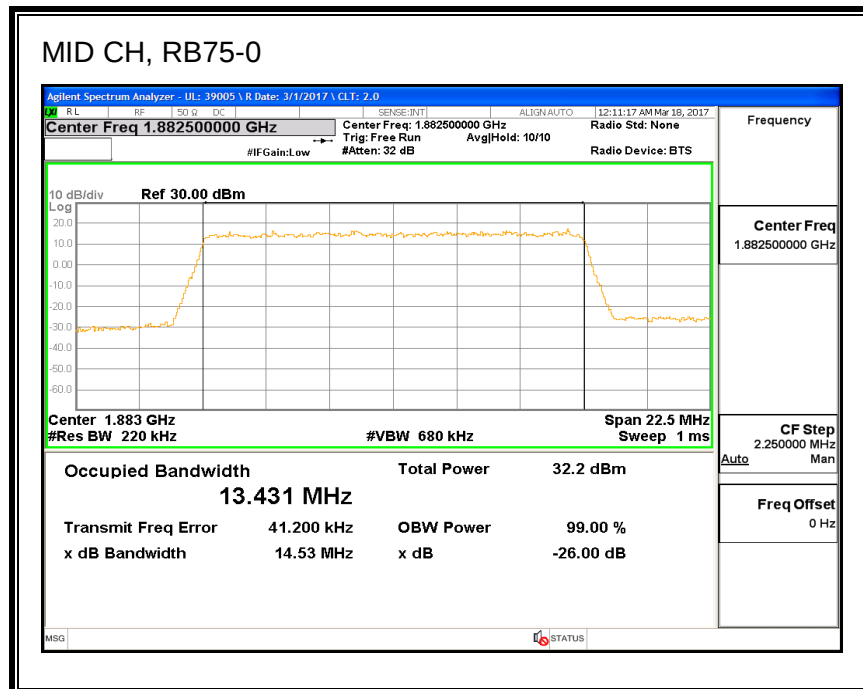
64QAM, (10.0 MHz BAND WIDTH)



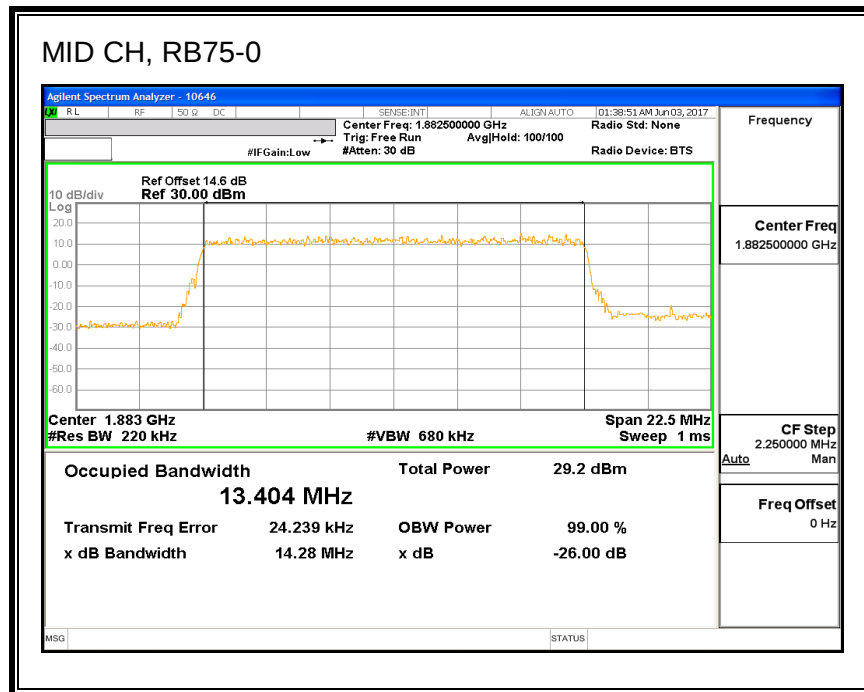
QPSK, (15.0 MHz BAND WIDTH)



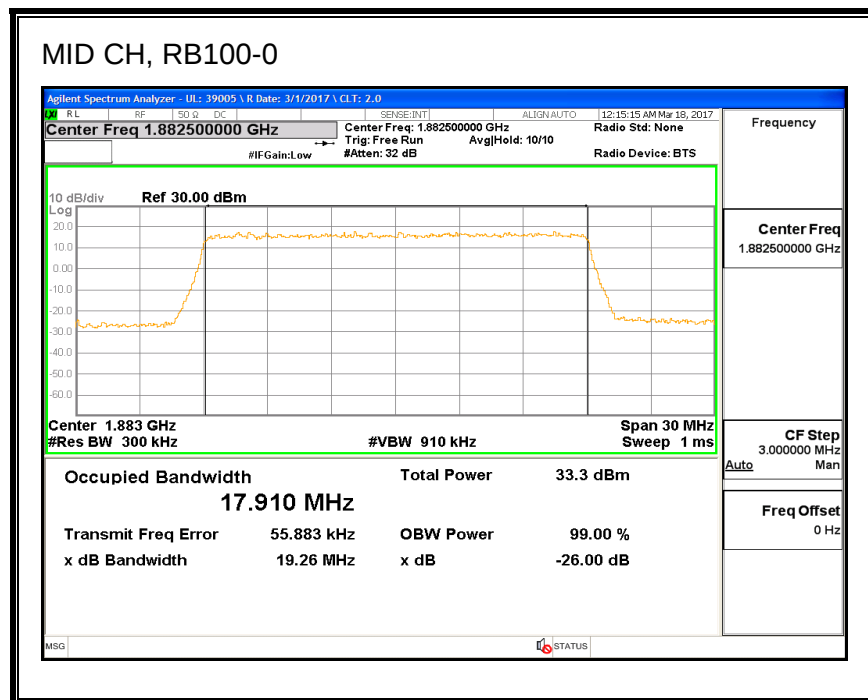
16QAM, (15.0 MHz BAND WIDTH)



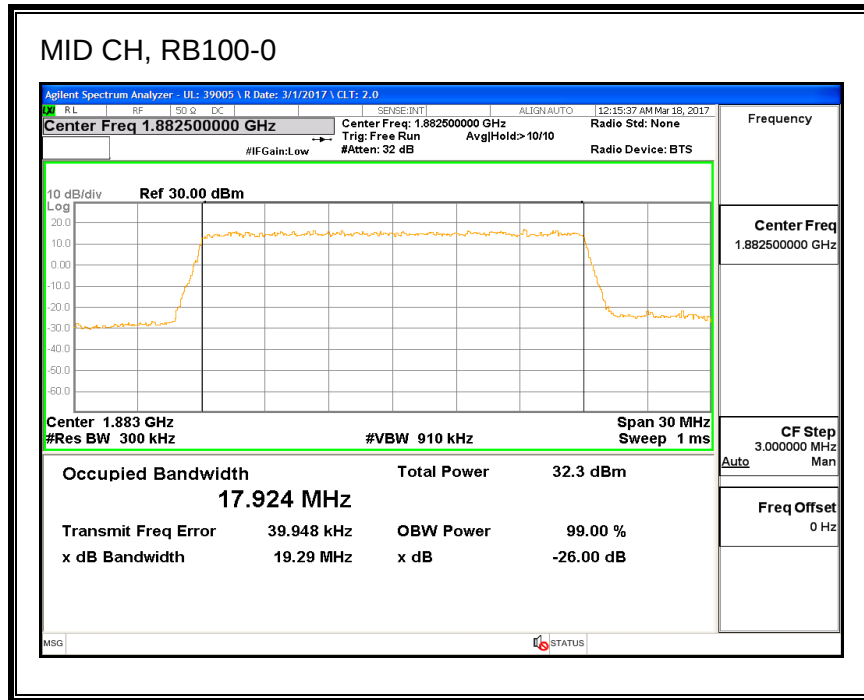
64QAM, (15.0 MHz BAND WIDTH)



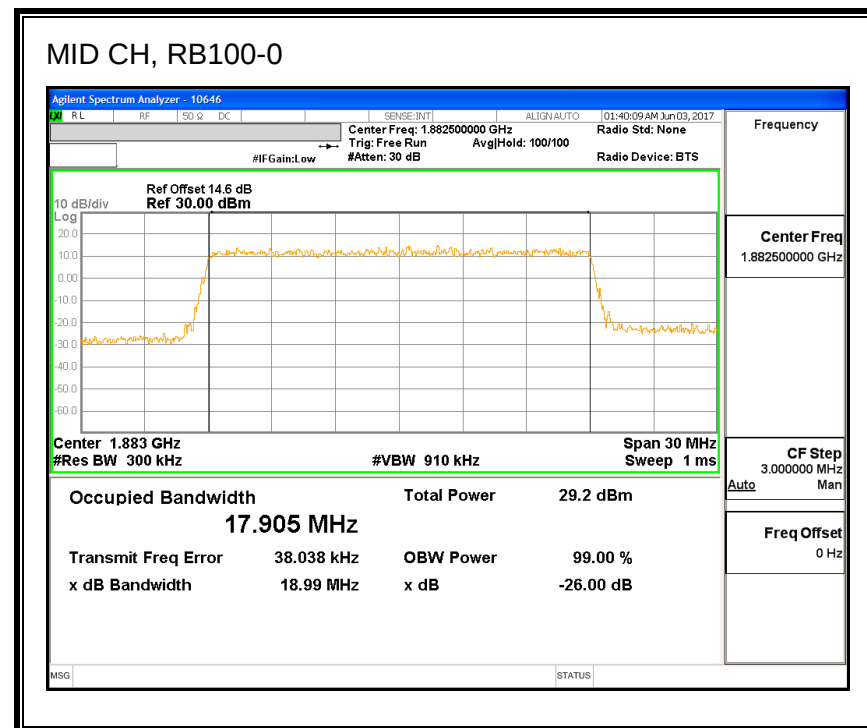
QPSK, (20.0 MHz BAND WIDTH)



16QAM, (20.0 MHz BAND WIDTH)

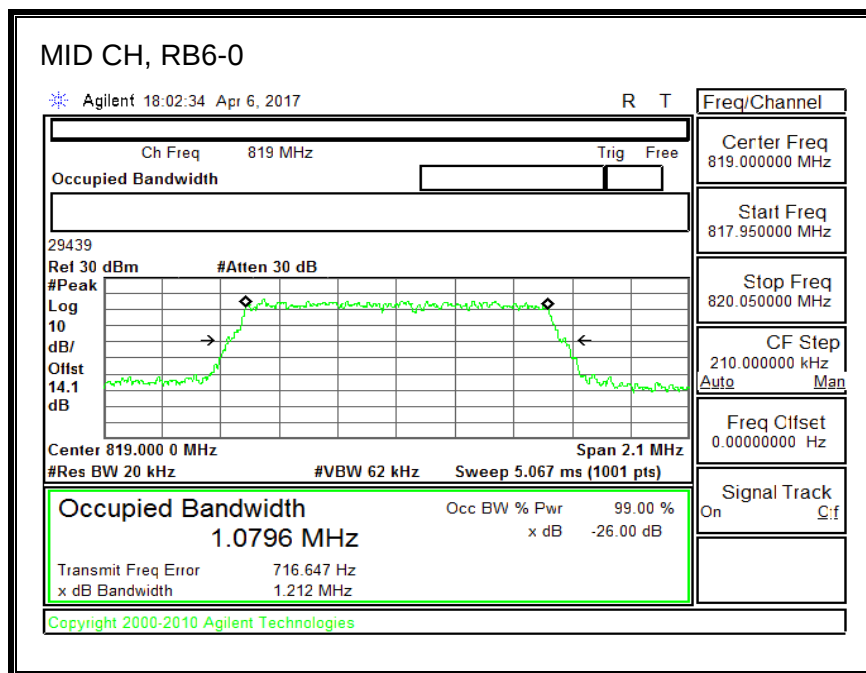
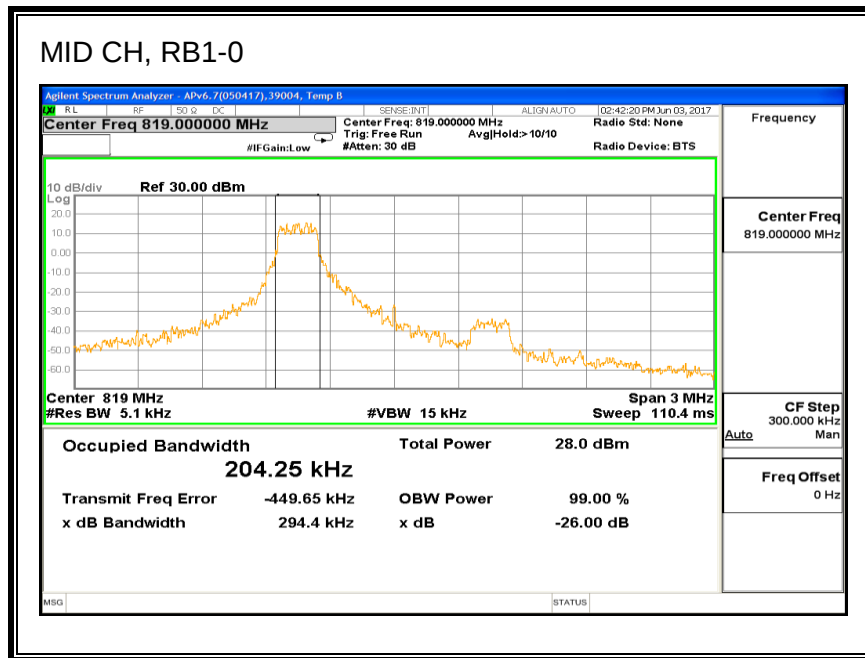


64QAM, (20.0 MHz BAND WIDTH)

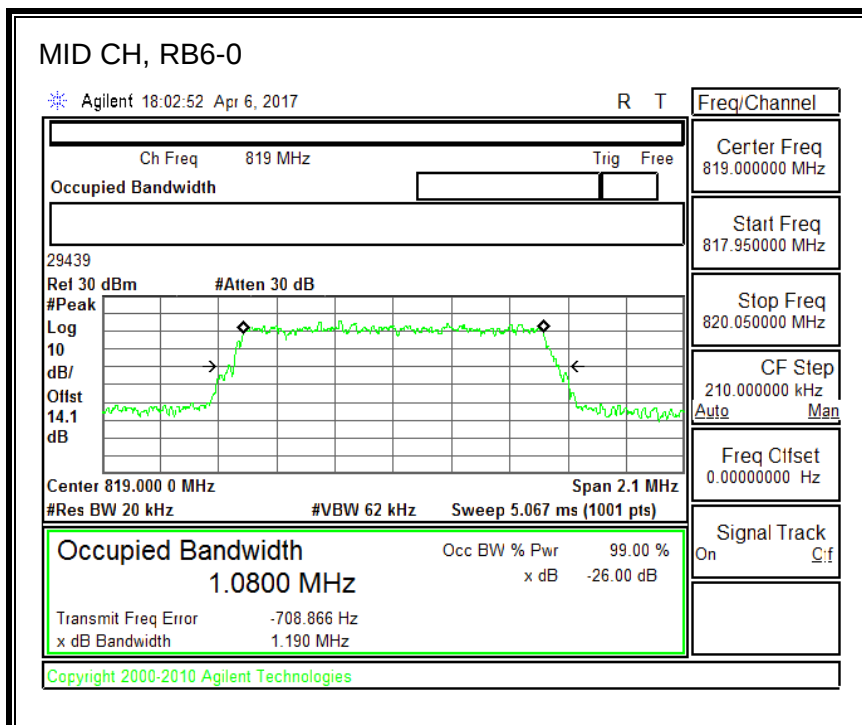
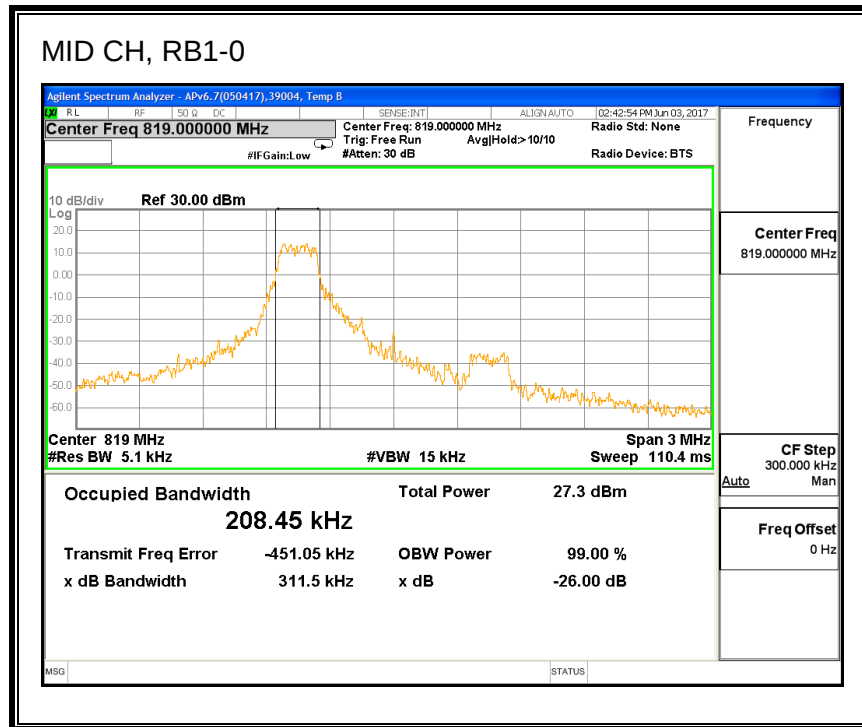


8.1.9. LTE BAND 26

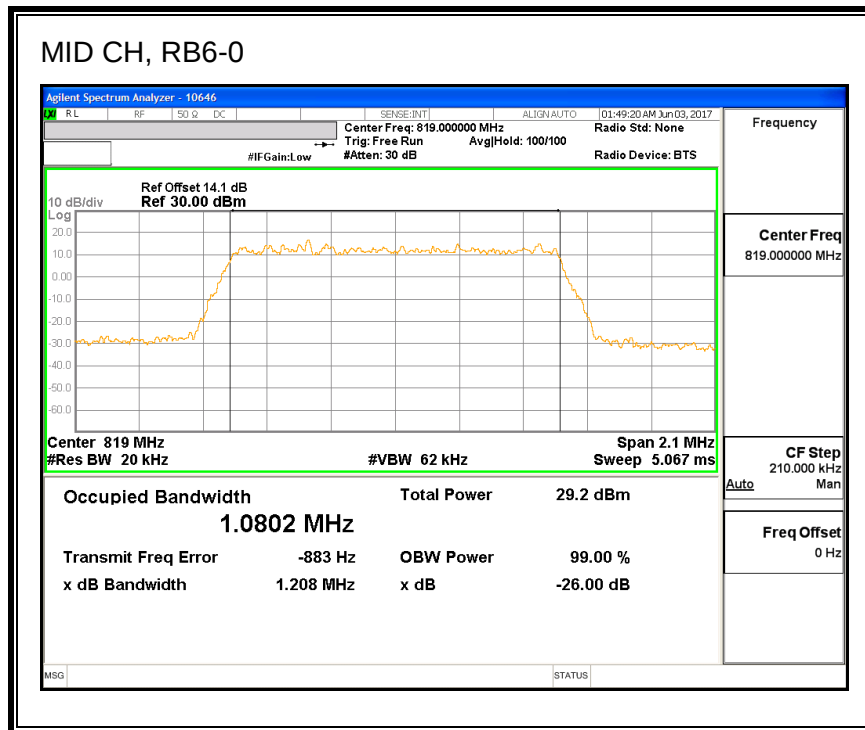
QPSK, (1.4 MHz BAND WIDTH)



16QAM, (1.4 MHz BAND WIDTH)



64QAM, (1.4 MHz BAND WIDTH)



QPSK, (3.0 MHz BAND WIDTH)

