

LTE BAND 17

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 17	5 MHz, QPSK	25/0	710.0	4.5022	4.906
	5 MHz, 16QAM			4.5045	4.936
	5 MHz, 64QAM			4.5052	4.919
	10 MHz, QPSK	50/0		9.0011	10.060
	10 MHz, 16QAM			9.0072	9.953
	10 MHz, 64QAM			8.9914	10.420

LTE BAND 25

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 25	1.4 MHz, QPSK	6/0	1882.5	1.0947	1.249
	1.4 MHz, 16QAM			1.0939	1.247
	1.4 MHz, 64QAM			1.0909	1.243
	3 MHz, QPSK	15/0		2.7046	2.990
	3 MHz, 16QAM			2.7052	2.981
	3 MHz, 64QAM			2.6991	2.993
	5 MHz, QPSK	25/0		4.4972	4.926
	5 MHz, 16QAM			4.5048	4.964
	5 MHz, 64QAM			4.4940	4.932
	10 MHz, QPSK	50/0		8.9995	9.977
	10 MHz, 16QAM			8.9933	10.00
	10 MHz, 64QAM			9.0266	10.38
	15 MHz, QPSK	75/0		13.487	15.40
	15 MHz, 16QAM			13.500	15.40
	15 MHz, 64QAM			13.481	15.32
	20 MHz, QPSK	100/0		17.956	20.04
	20 MHz, 16QAM			17.938	19.84
	20 MHz, 64QAM			17.951	21.10

LTE BAND 26 (PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4 MHz, QPSK	1/0	819.0	0.23973	0.3510
	1.4 MHz,16QAM			0.25663	0.3750
	1.4 MHz, 64QAM			0.25238	0.3565
	1.4 MHz, QPSK	6/0		1.0932	1.238
	1.4 MHz,16QAM			1.0903	1.239
	1.4 MHz, 64QAM			1.0906	1.244
	3 MHz, QPSK	1/0		0.25645	0.3926
	3 MHz, 16QAM			0.27552	0.3945
	3 MHz, 64QAM			0.27662	0.3908
	3 MHz, QPSK	15/0		2.6982	2.988
	3 MHz, 16QAM			2.7064	2.984
	3 MHz, 64QAM			2.6988	2.987
	5 MHz, QPSK	1/0		0.23357	0.3839
	5 MHz, 16QAM			0.22940	0.3721
	5 MHz, 64QAM			0.23659	0.3873
	5 MHz, QPSK	25/0		4.4975	4.932
	5 MHz, 16QAM			4.5021	4.932
	5 MHz, 64QAM			4.5066	4.965
	10 MHz, QPSK	1/0		0.27729	0.3955
	10 MHz, 16QAM			0.28780	0.4437
	10 MHz, 64QAM			0.27311	0.4657
	10 MHz, QPSK	50/0		8.9894	10.060
	10 MHz, 16QAM			8.9865	10.060
	10 MHz, 64QAM			8.9803	9.972

LTE BAND 30

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 30	5 MHz, QPSK	25/0	2310.0	4.5003	4.934
	5 MHz, 16QAM			4.5019	4.939
	5 MHz, 64QAM			4.5046	4.920
	10 MHz, QPSK	50/0		8.9856	10.39
	10 MHz, 16QAM			9.0123	10.39
	10 MHz, 64QAM			9.0137	10.38

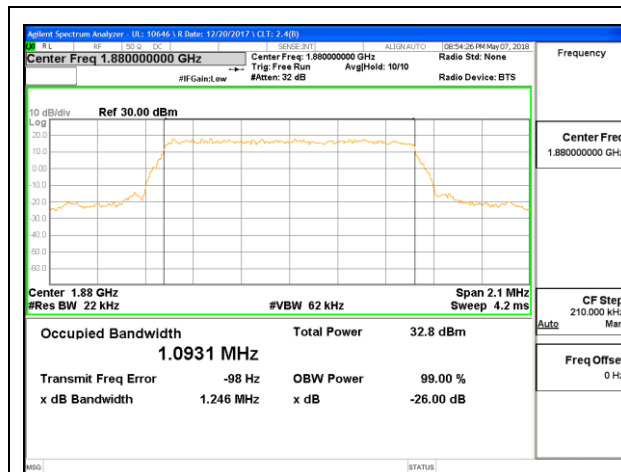
LTE BAND 41

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41	5 MHz, QPSK	25/0	2593.0	4.4878	5.139
	5 MHz, 16QAM			4.4811	5.135
	5 MHz, 64QAM			4.4858	4.930
	10 MHz, QPSK	50/0		8.9690	10.34
	10 MHz, 16QAM			8.9841	9.881
	10 MHz, 64QAM			9.0138	10.31
	15 MHz, QPSK	75/0		13.487	18.65
	15 MHz, 16QAM			13.478	18.57
	15 MHz, 64QAM			13.482	15.69
	20 MHz, QPSK	100/0		17.959	25.08
	20 MHz, 16QAM			17.949	21.41
	20 MHz, 64QAM			17.943	19.93

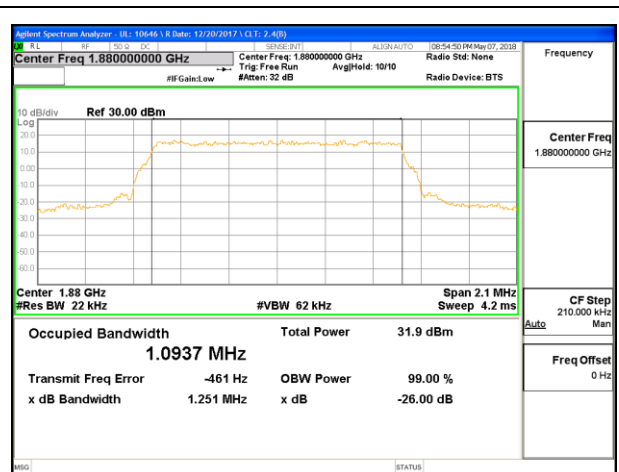
LTE BAND 66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 66	1.4 MHz, QPSK	6/0	1745	1.0874	1.239
	1.4 MHz,16QAM			1.0896	1.242
	1.4MHz 64QAM			1.0853	1.237
	3 MHz, QPSK	15/0		2.6924	2.970
	3 MHz, 16QAM			2.6910	2.989
	3MHz 64QAM			2.7018	2.967
	5 MHz, QPSK	25/0		4.4960	4.920
	5 MHz, 16QAM			4.5036	4.937
	5MHz 64QAM			4.4965	4.902
	10 MHz, QPSK	50/0		8.9715	10.01
	10 MHz, 16QAM			8.9694	10.06
	10MHz 64QAM			9.0035	10.45
	15 MHz, QPSK	75/0		13.461	15.46
	15 MHz, 16QAM			13.481	15.57
	15MHz 64QAM			13.523	15.34
	20 MHz, QPSK	100/0		17.936	19.72
	20 MHz, 16QAM			17.944	19.83
	20MHz 64QAM			17.945	19.65

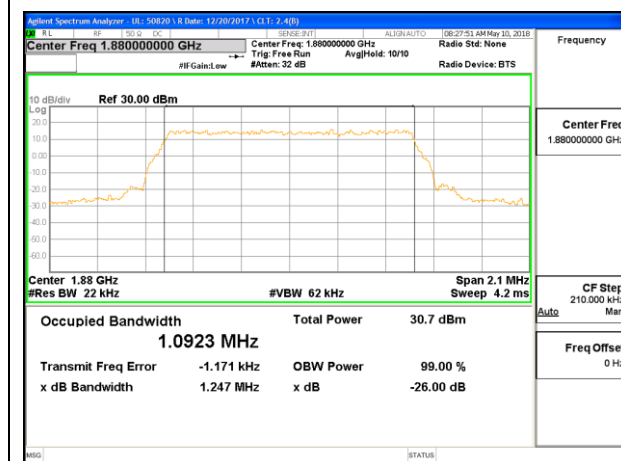
8.1.1. LTE BAND 2



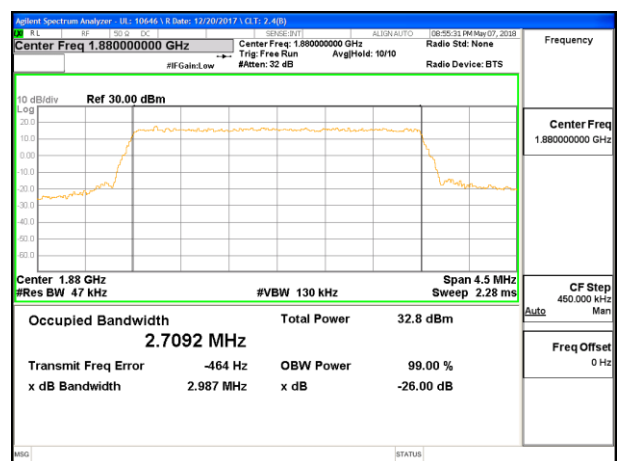
LTE B2 1.4MHz QPSK Middle Channel RB6-0



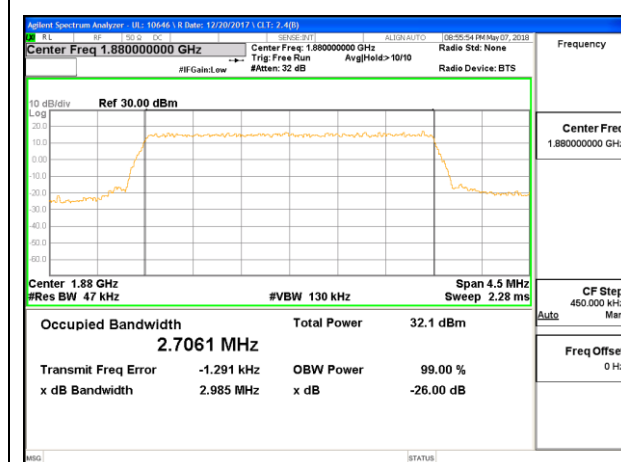
LTE B2 1.4MHz 16QAM Middle Channel RB6-0



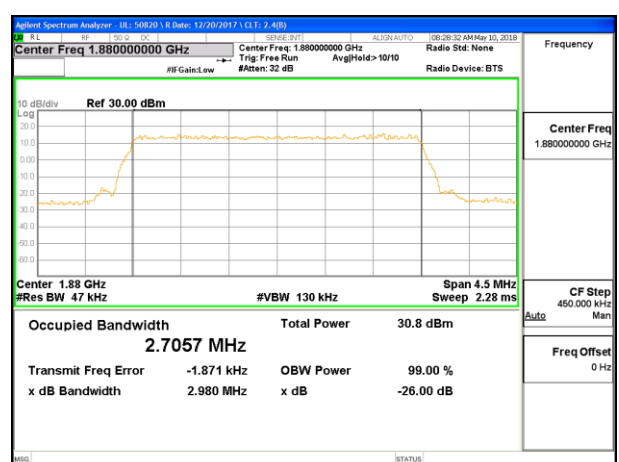
LTE B2 1.4MHz 64QAM Middle Channel RB6-0



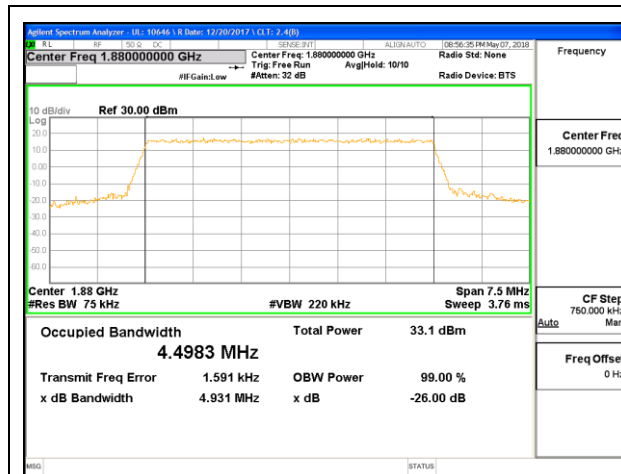
LTE B2 3MHz QPSK Middle Channel RB15-0



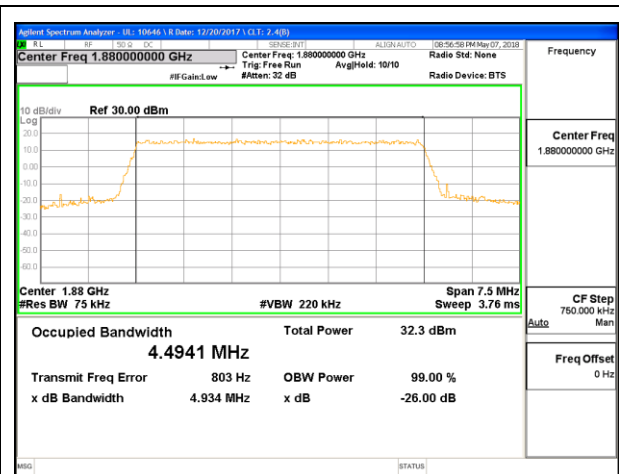
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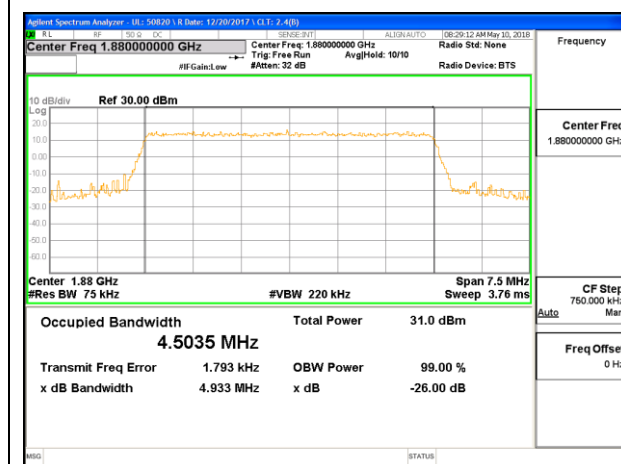
LTE B2 3MHz 64QAM Middle Channel RB15-0



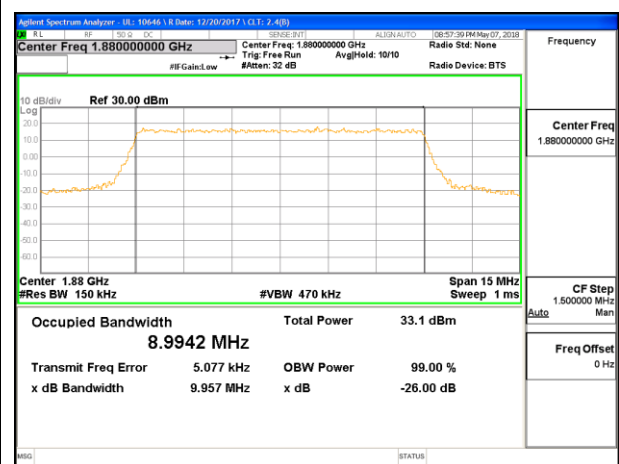
LTE B2 5MHz QPSK Middle Channel RB50-0



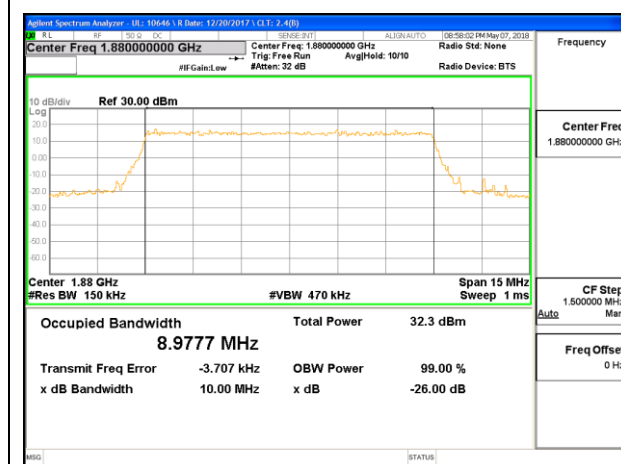
LTE B2 5MHz 16QAM Middle Channel RB50-0



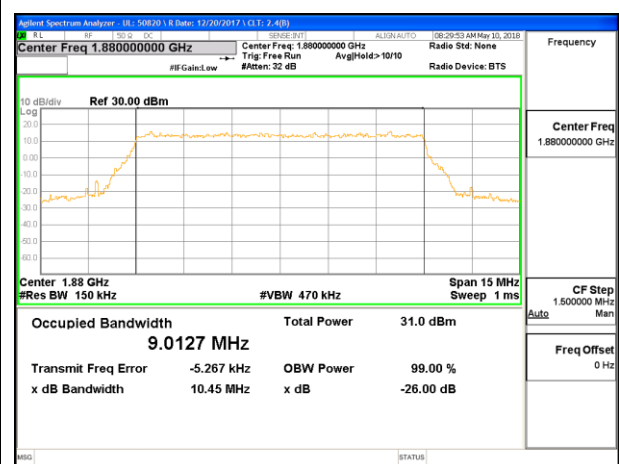
LTE B2 5MHz 64QAM Middle Channel RB50-0



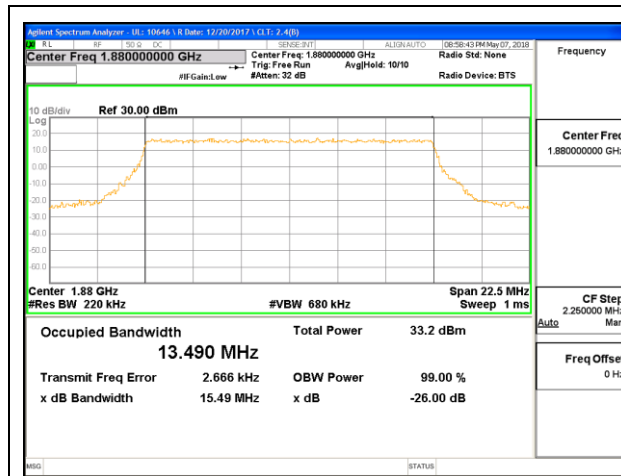
LTE B2 10MHz QPSK Middle Channel RB75-0



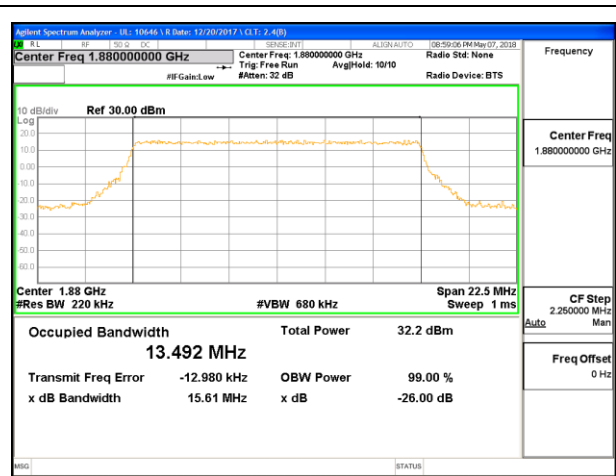
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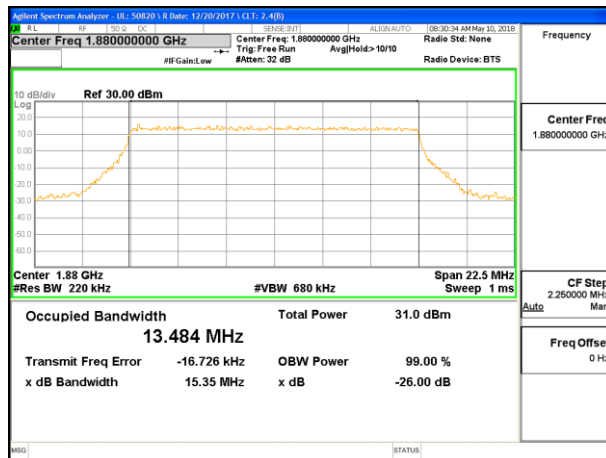
LTE B2 10MHz 64QAM Middle Channel RB75-0



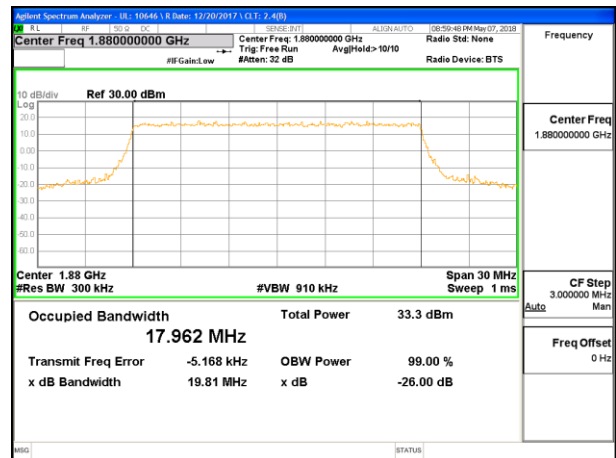
LTE B2 15MHz QPSK Middle Channel RB75-0



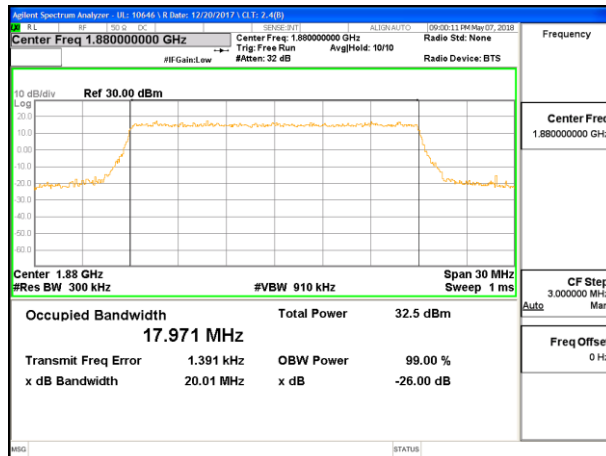
LTE B2 15MHz 16QAM Middle Channel RB75-0



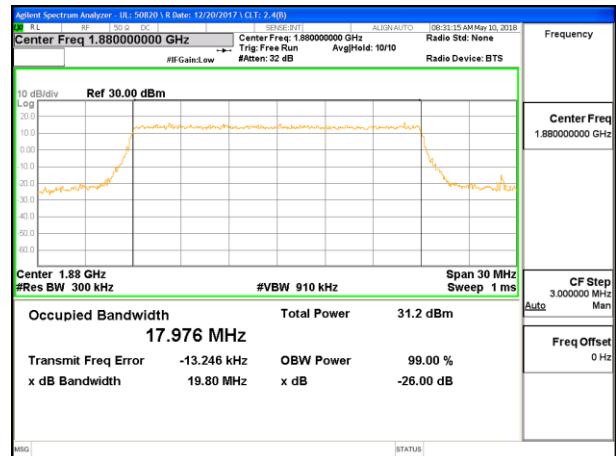
LTE B2 15MHz 64QAM Middle Channel RB75-0



LTE B2 20MHz QPSK Middle Channel RB100-0

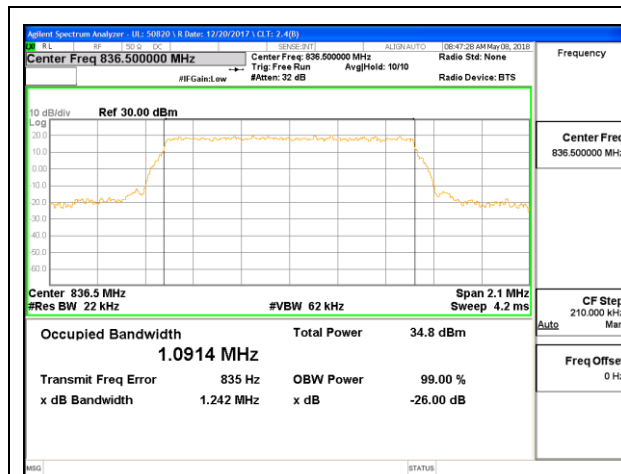


LTE B2 20MHz 16QAM Middle Channel RB100-0

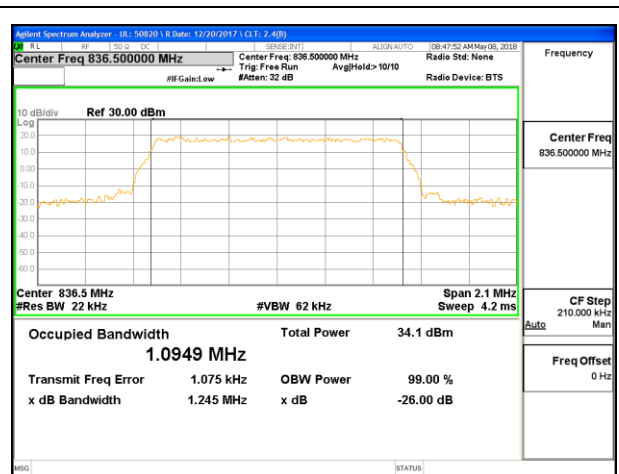


LTE B2 20MHz 64QAM Middle Channel RB100-0

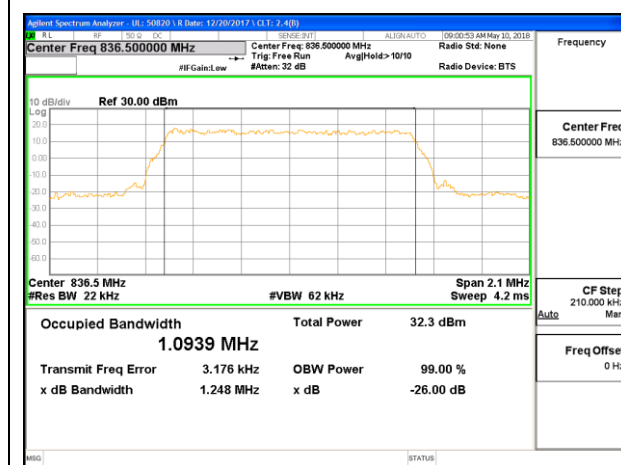
8.1.2. LTE BAND 5



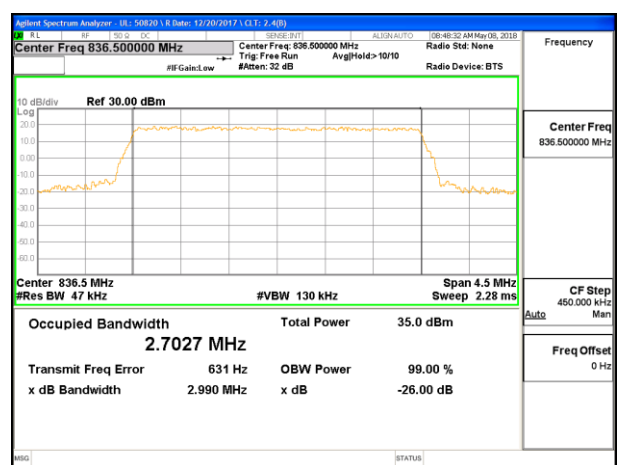
LTE B5 1.4MHz QPSK Middle Channel RB6-0



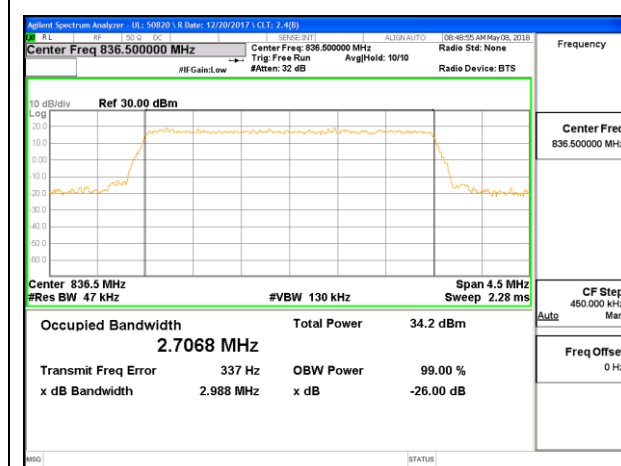
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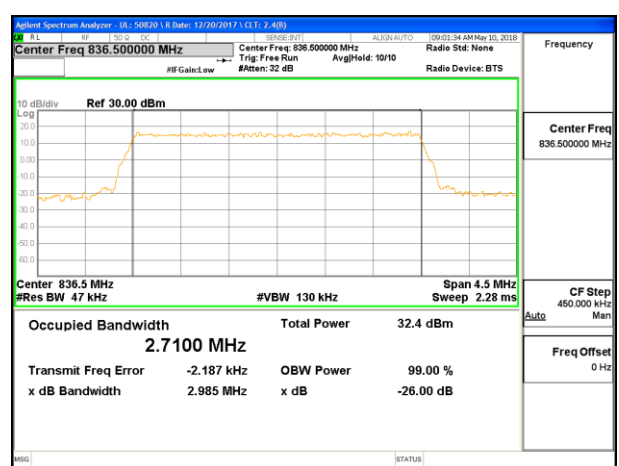
LTE B5 1.4MHz 64QAM Middle Channel RB6-0



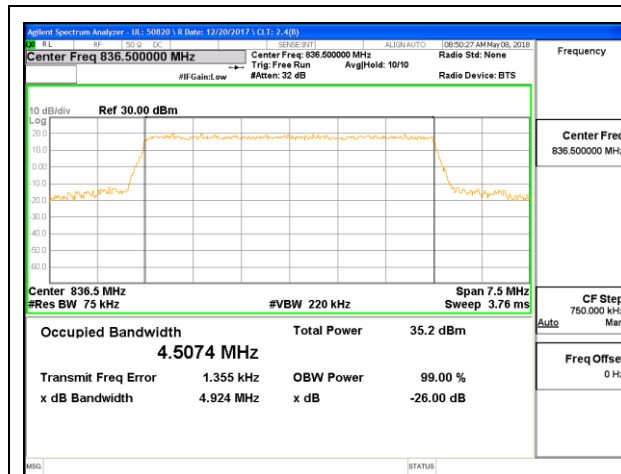
LTE B5 3MHz QPSK Middle Channel RB15-0



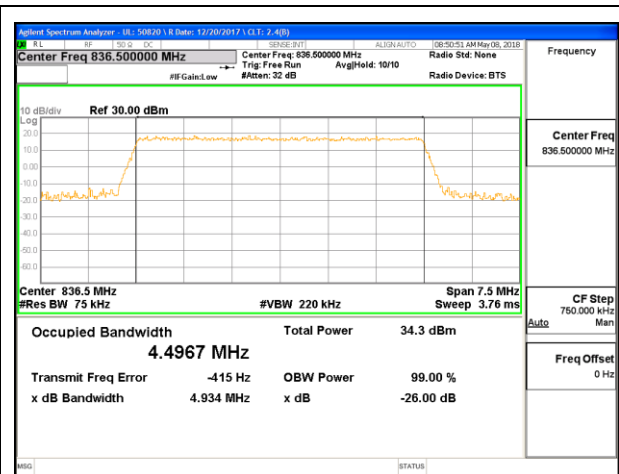
LTE B5 3MHz 16QAM Middle Channel RB15-0



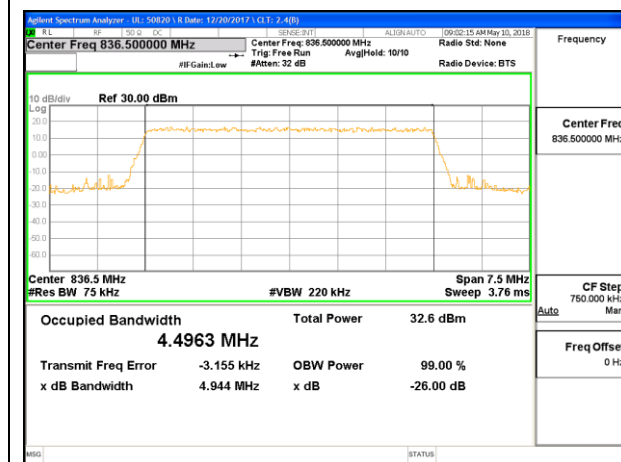
LTE B5 3MHz 64QAM Middle Channel RB15-0



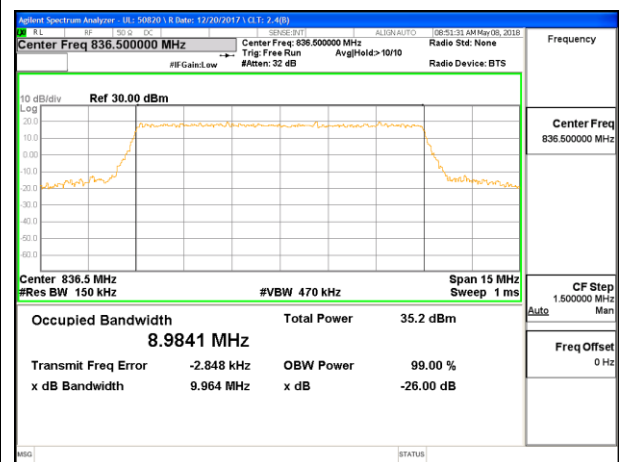
LTE B5 5MHz QPSK Middle Channel RB25-0



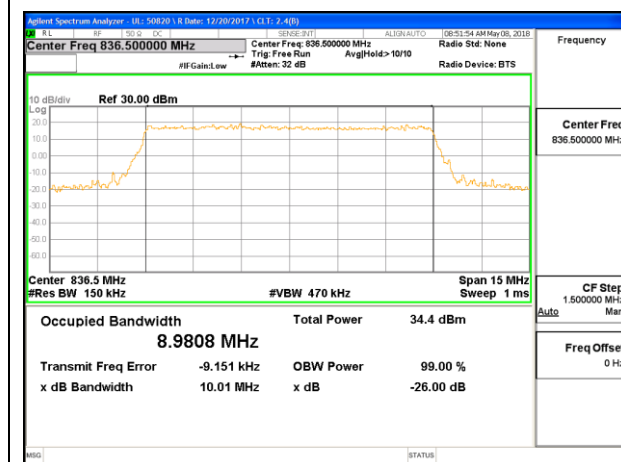
LTE B5 5MHz 16QAM Middle Channel RB25-0



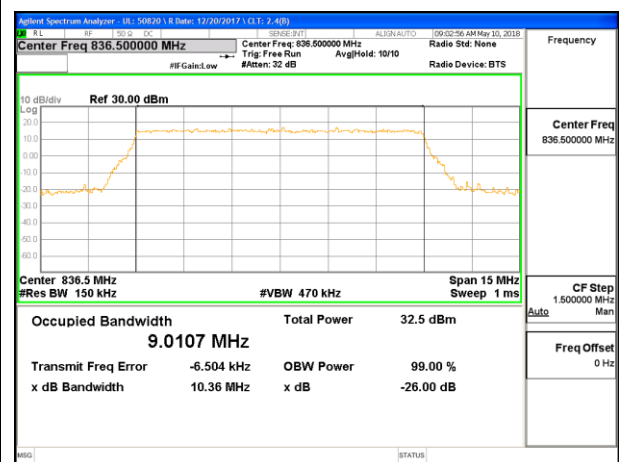
LTE B5 5MHz 64QAM Middle Channel RB25-0



LTE B5 10MHz QPSK Middle Channel RB50-0

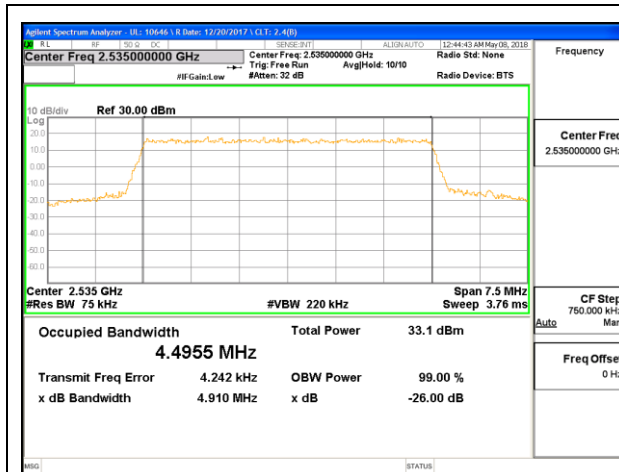


LTE B5 10MHz 16QAM Middle Channel RB50-0

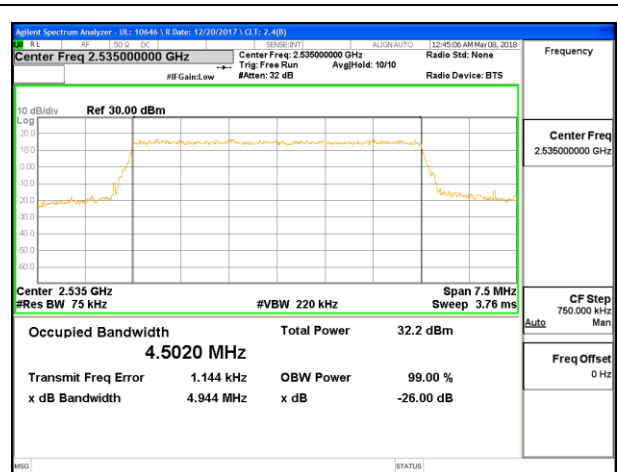


LTE B5 10MHz 64QAM Middle Channel RB50-0

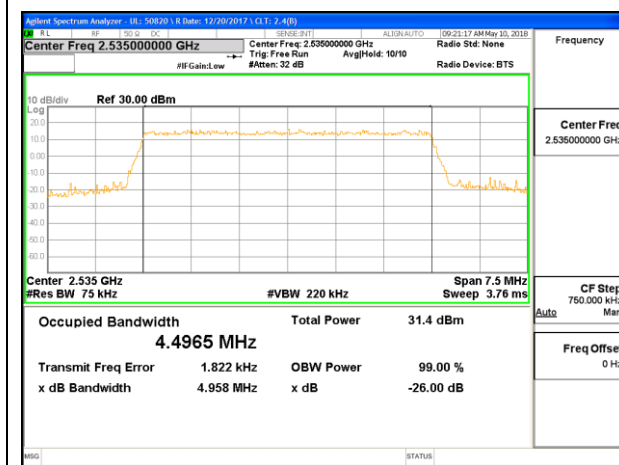
8.1.3. LTE BAND 7



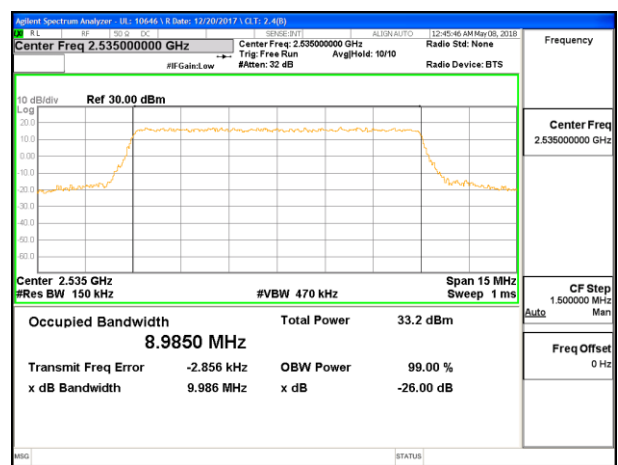
LTE B7 5MHz QPSK Middle Channel RB25-0



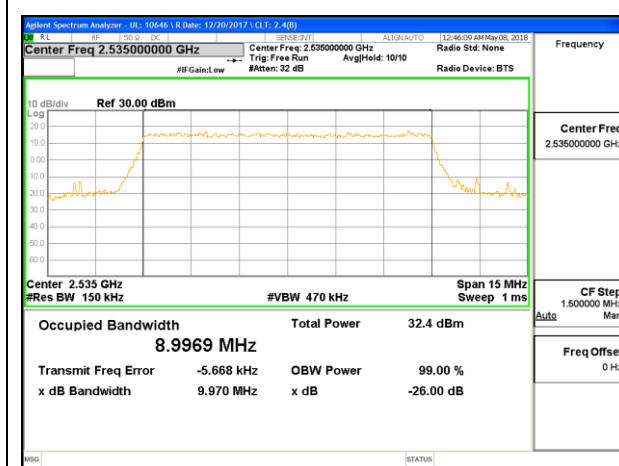
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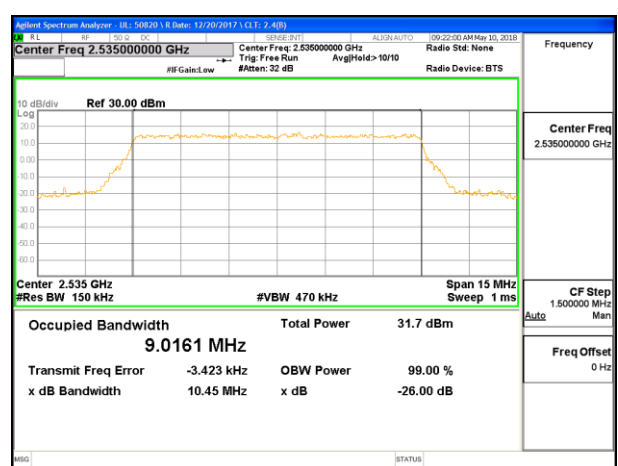
LTE B7 5MHz 64QAM Middle Channel RB25-0



LTE B7 10MHz QPSK Middle Channel RB50-0



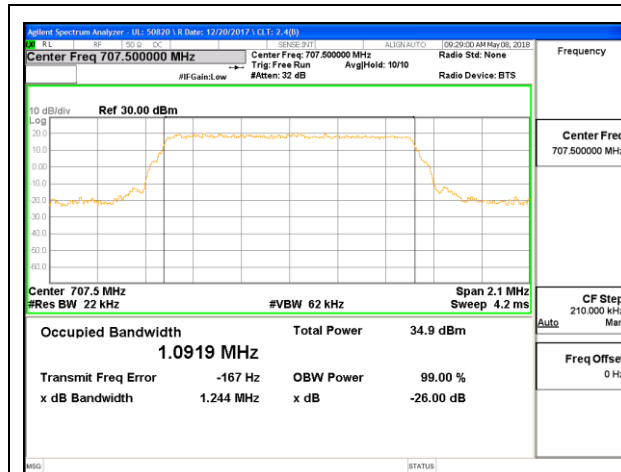
LTE B7 10MHz 16QAM Middle Channel RB50-0



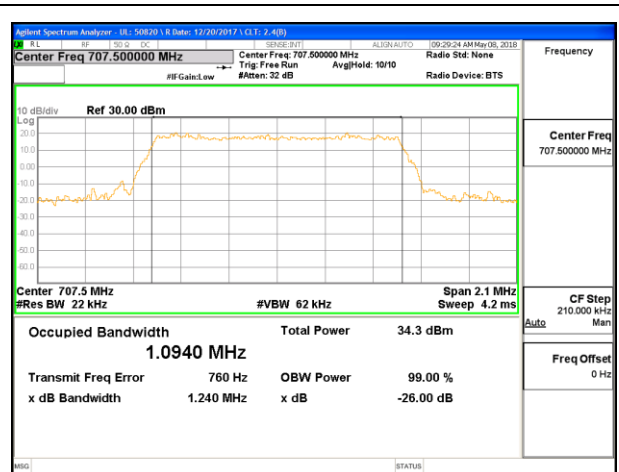
LTE B7 10MHz 64QAM Middle Channel RB50-0



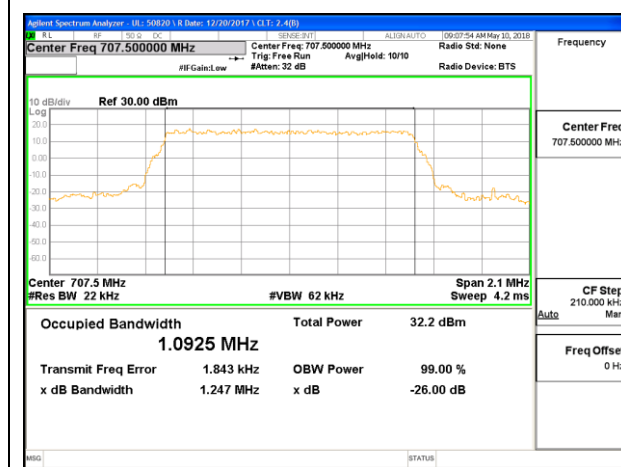
8.1.4. LTE BAND 12



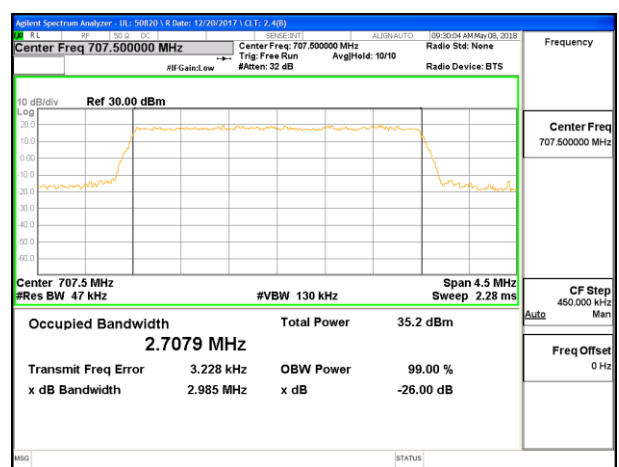
LTE B12 1.4MHz QPSK Middle Channel RB6-0



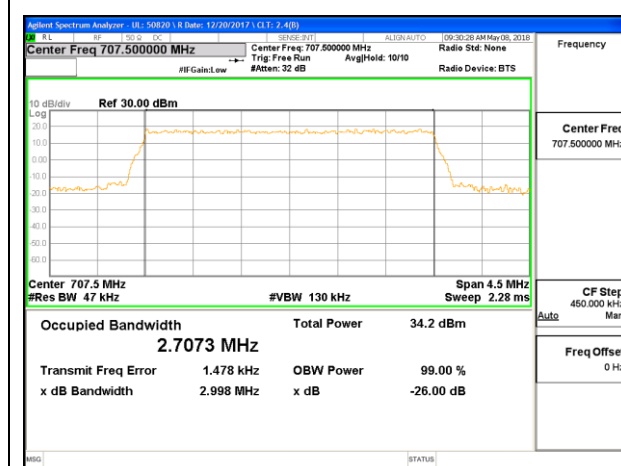
LTE B12 1.4MHz 16QAM Middle Channel RB6-0



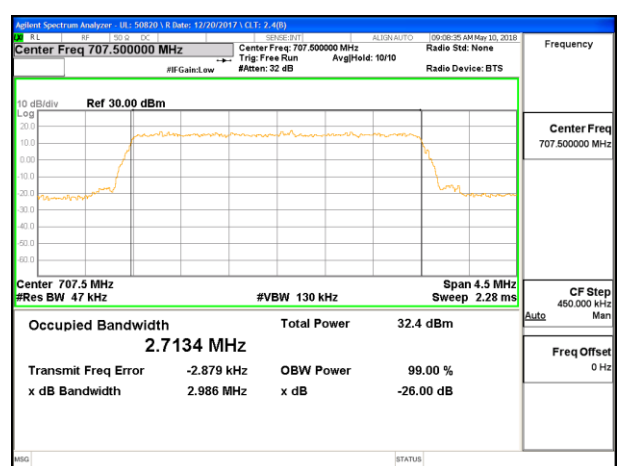
LTE B12 1.4MHz 64QAM Middle Channel RB6-0



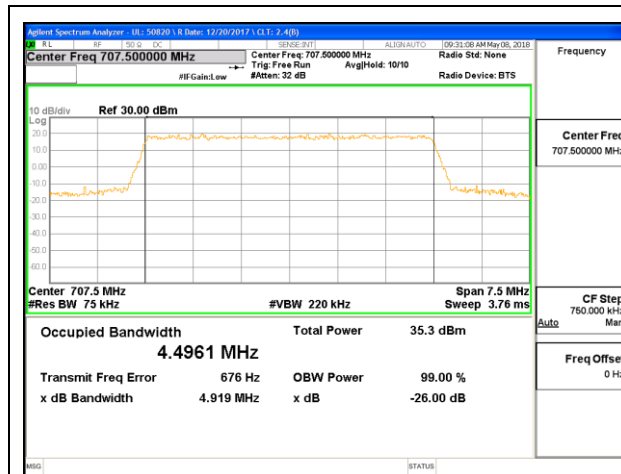
LTE B12 3MHz QPSK Middle Channel RB15-0



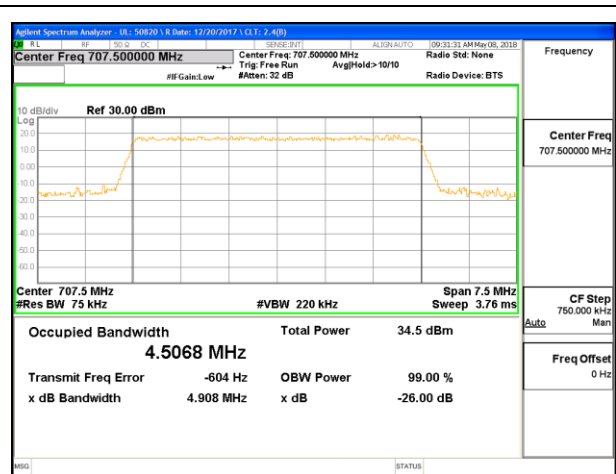
LTE B12 3MHz 16QAM Middle Channel RB15-0



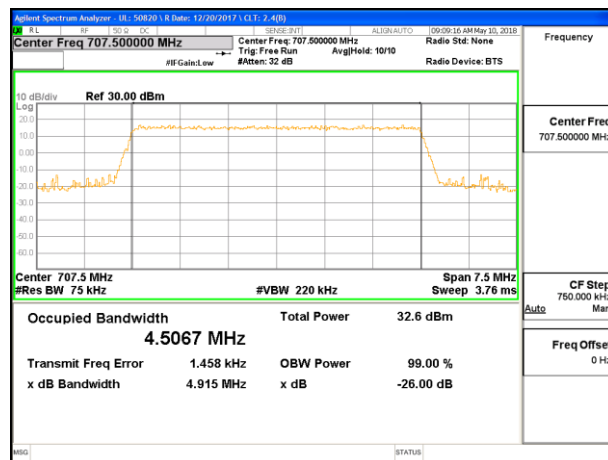
LTE B12 3MHz 64QAM Middle Channel RB15-0



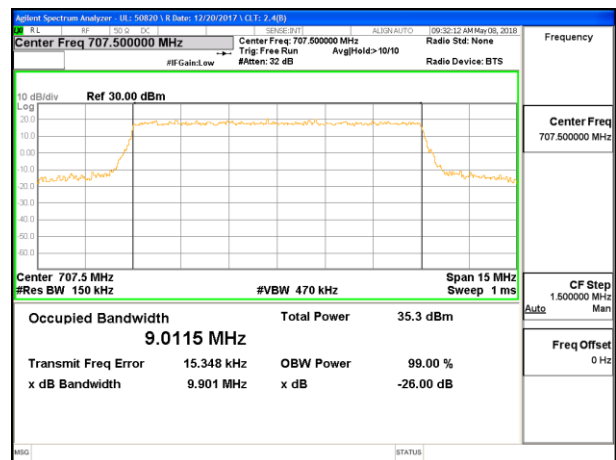
LTE B12 5MHz QPSK Middle Channel RB25-0



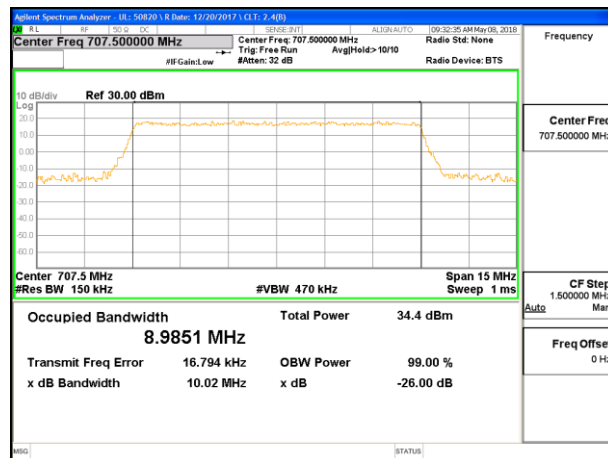
LTE B12 5MHz 16QAM Middle Channel RB25-0



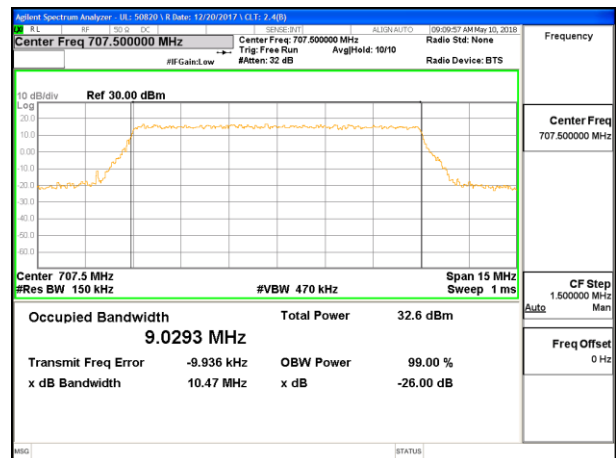
LTE B12 5MHz 64QAM Middle Channel RB25-0



LTE B12 10MHz QPSK Middle Channel RB50-0



LTE B12 10MHz 16QAM Middle Channel RB50-0

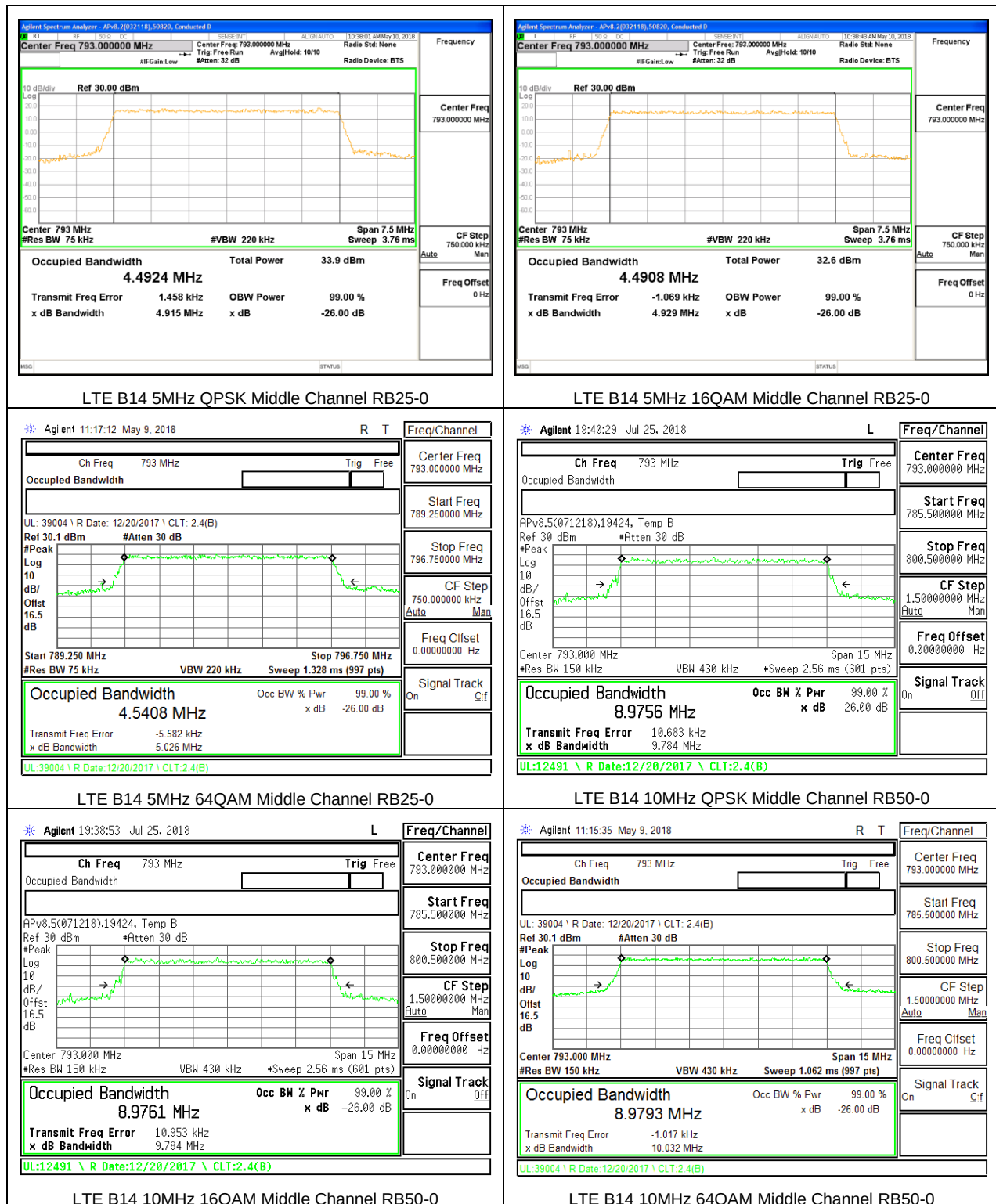


LTE B12 10MHz 64QAM Middle Channel RB50-0

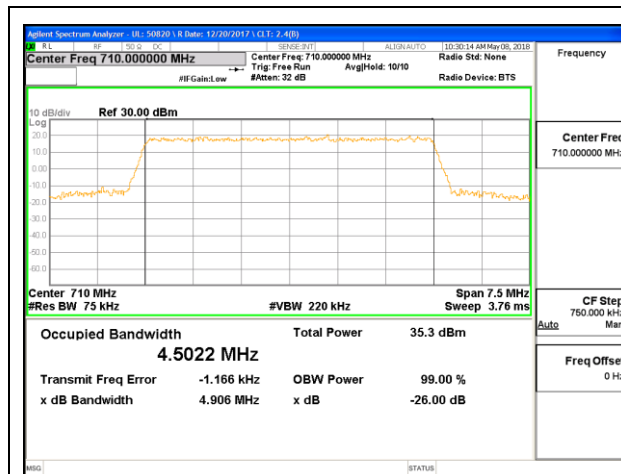
8.1.5. LTE BAND 13



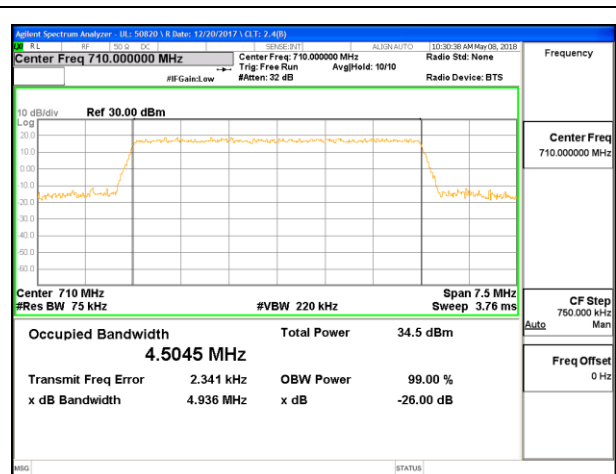
8.1.6. LTE BAND 14



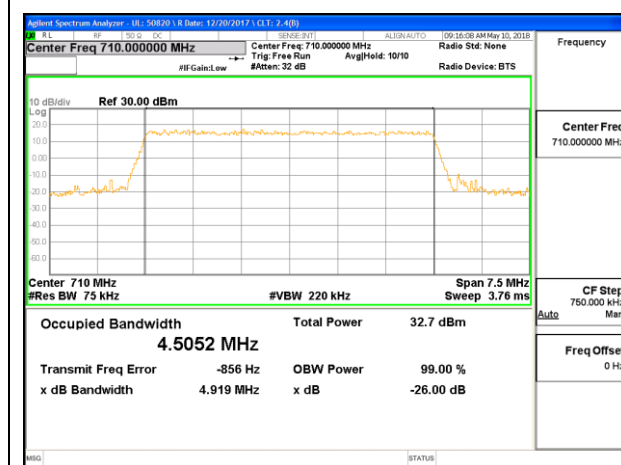
8.1.7. LTE BAND 17



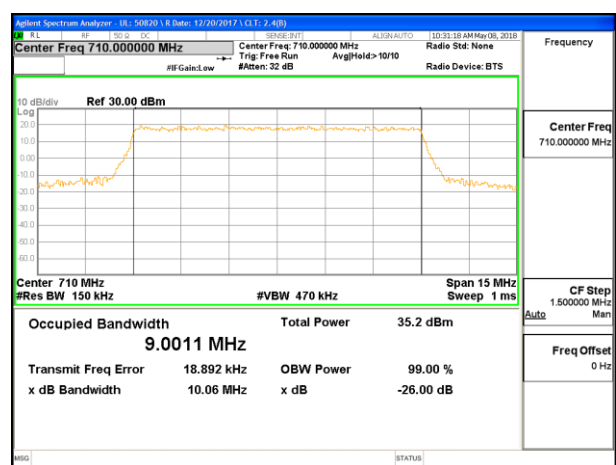
LTE B17 5MHz QPSK Middle Channel RB25-0



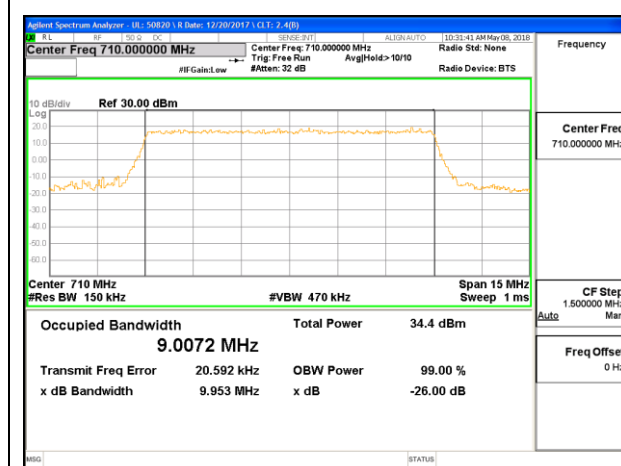
LTE B17 5MHz 16QAM Middle Channel RB25-0



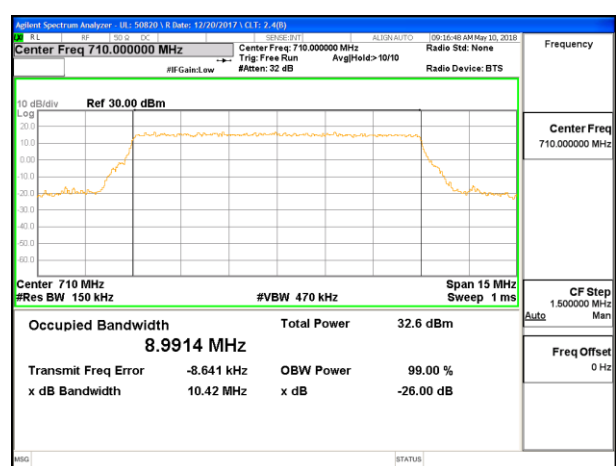
LTE B17 5MHz 64QAM Middle Channel RB25-0



LTE B17 10MHz QPSK Middle Channel RB50-0

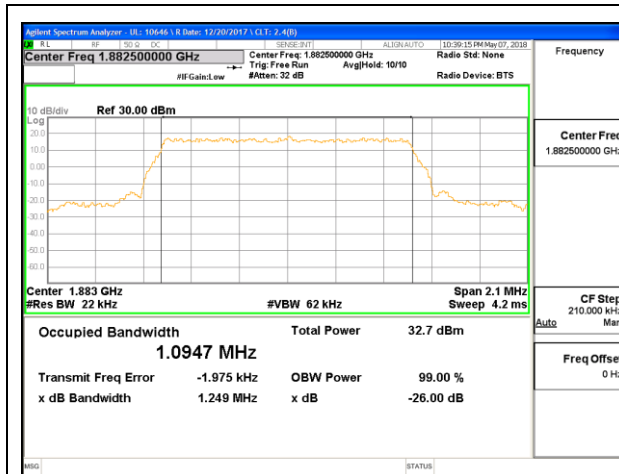


LTE B17 10MHz 16QAM Middle Channel RB50-0

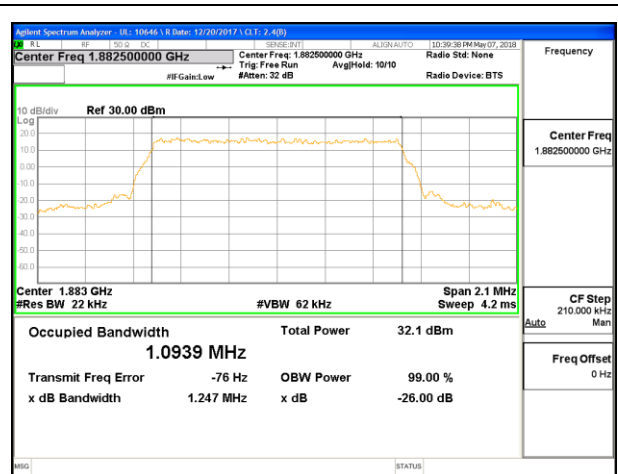


LTE B17 10MHz 64QAM Middle Channel RB50-0

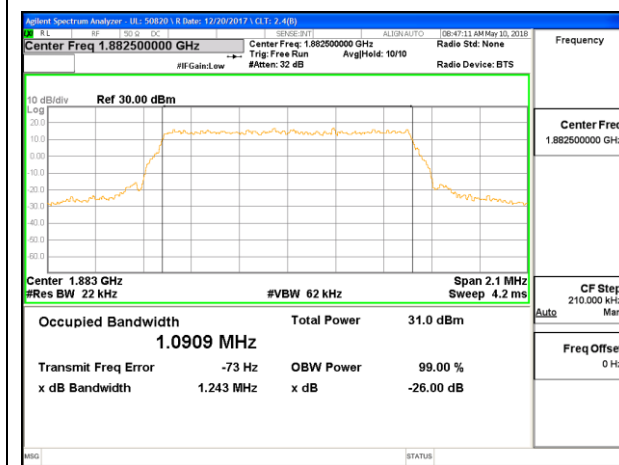
8.1.8. LTE BAND 25



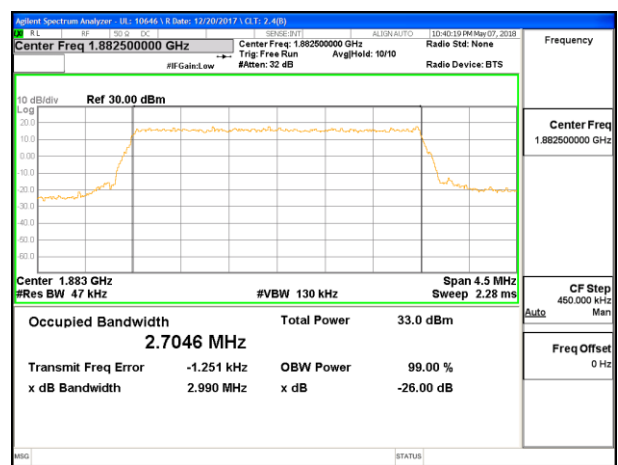
LTE B25 1.4MHz QPSK Middle Channel RB6-0



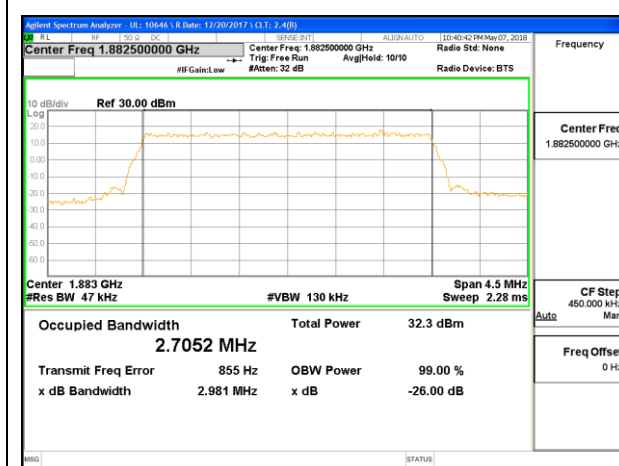
LTE B25 1.4MHz 16QAM Middle Channel RB6-0



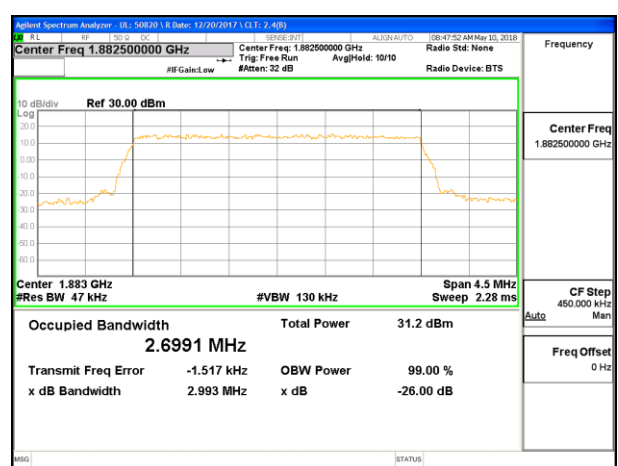
LTE B25 1.4MHz 64QAM Middle Channel RB6-0



LTE B25 3MHz QPSK Middle Channel RB15-0



LTE B25 3MHz 16QAM Middle Channel RB15-0

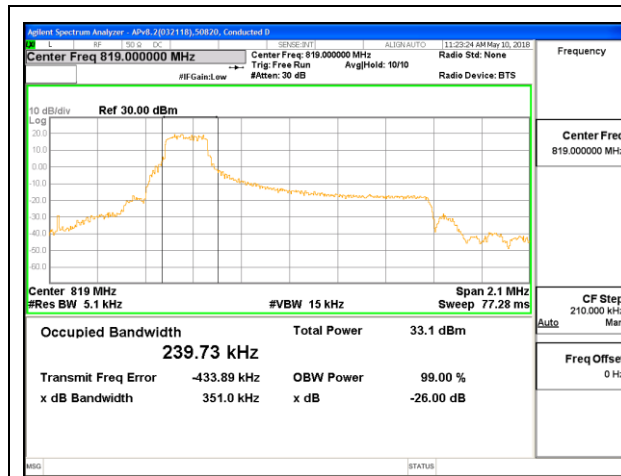


LTE B25 3MHz 64QAM Middle Channel RB15-0

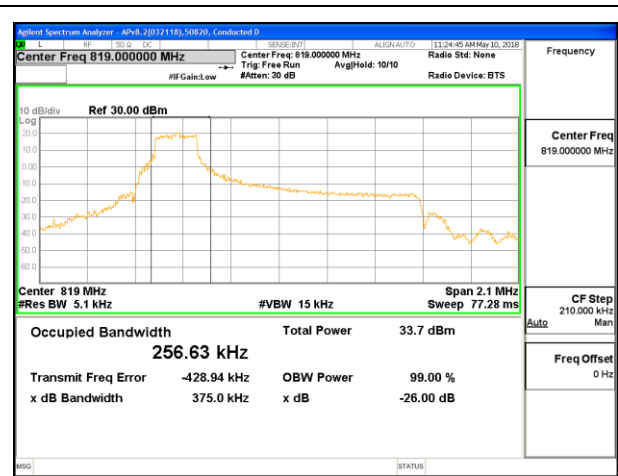




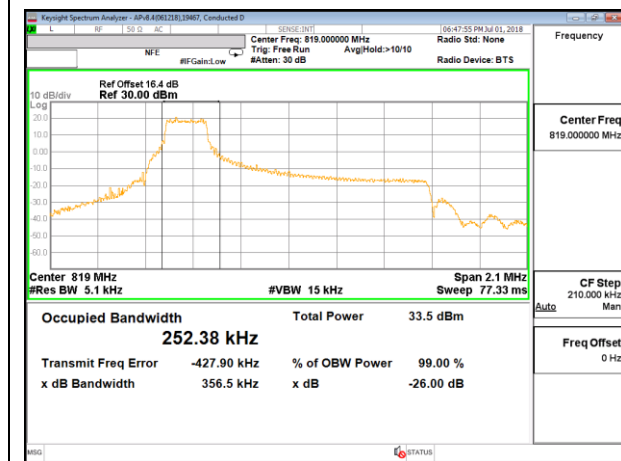
8.1.9. LTE BAND 26 (PART 90S)



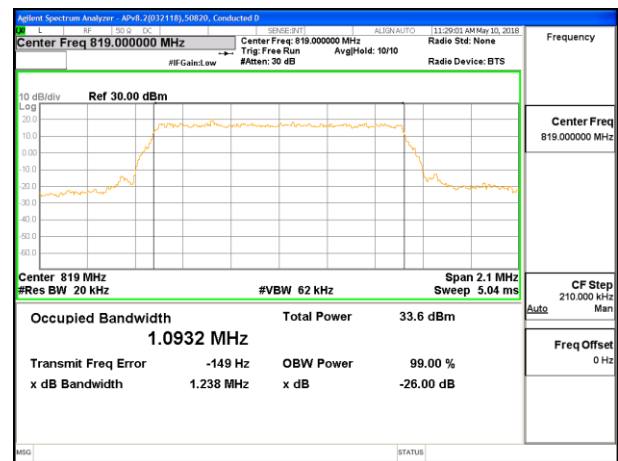
LTE B26 1.4MHz QPSK Middle Channel RB1-0



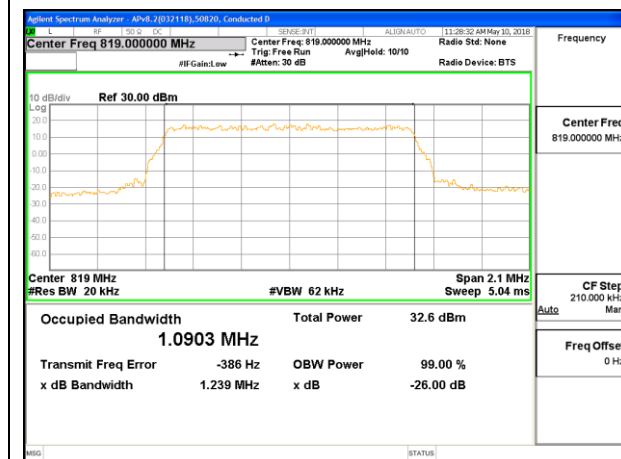
LTE B26 1.4MHz 16QAM Middle Channel RB1-0



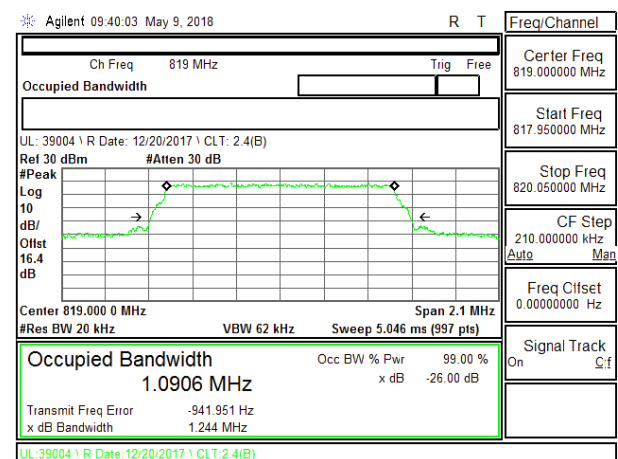
LTE B26 1.4MHz 64QAM Middle Channel RB1-0



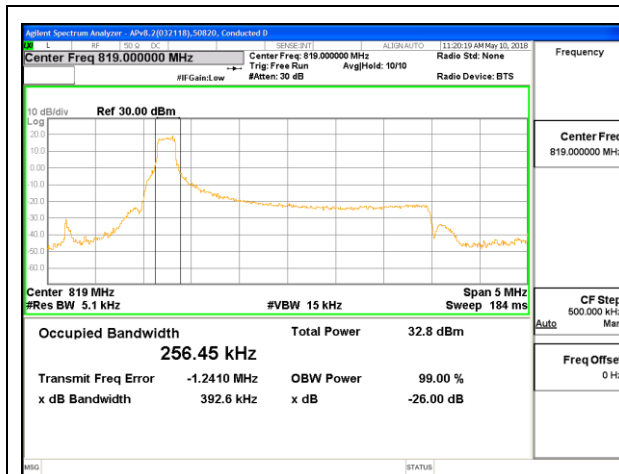
LTE B26 1.4MHz QPSK Middle Channel RB6-0



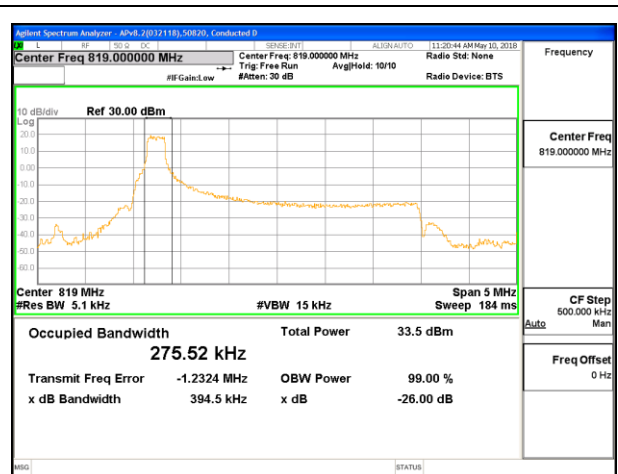
LTE B26 1.4MHz 16QAM Middle Channel RB6-0



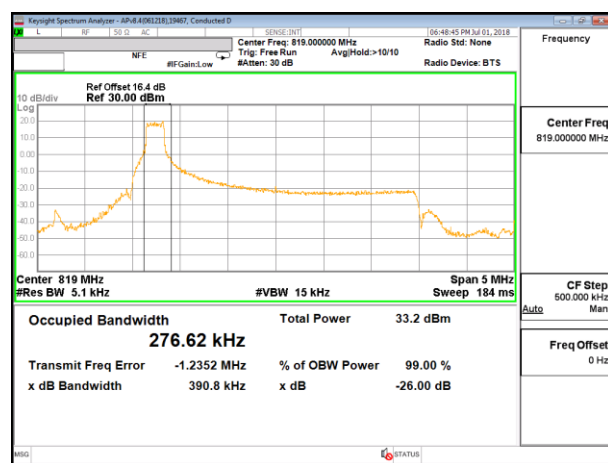
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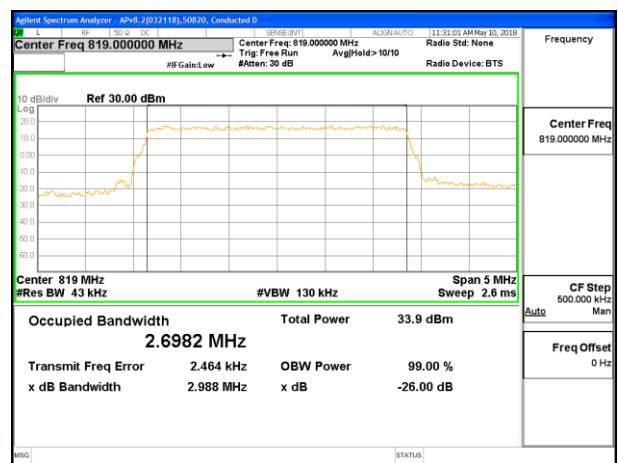
LTE B26 3MHz QPSK Middle Channel RB1-0



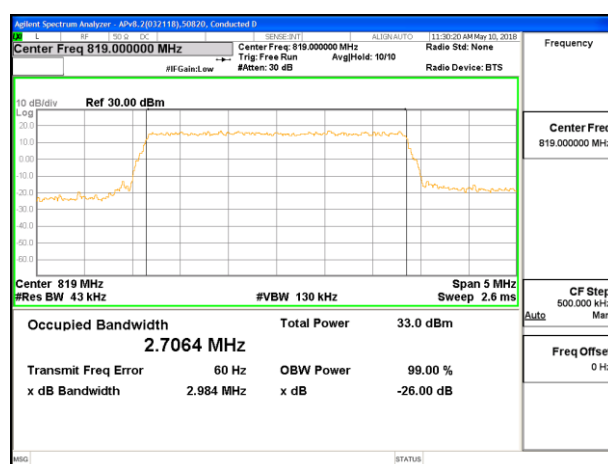
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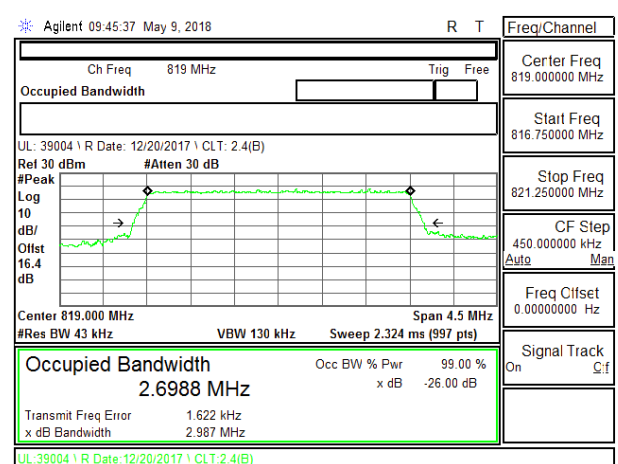
LTE B26 3MHz 64QAM Middle Channel RB1-0



LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 3MHz 16QAM Middle Channel RB15-0



LTE B26 3MHz 64QAM Middle Channel RB15-0