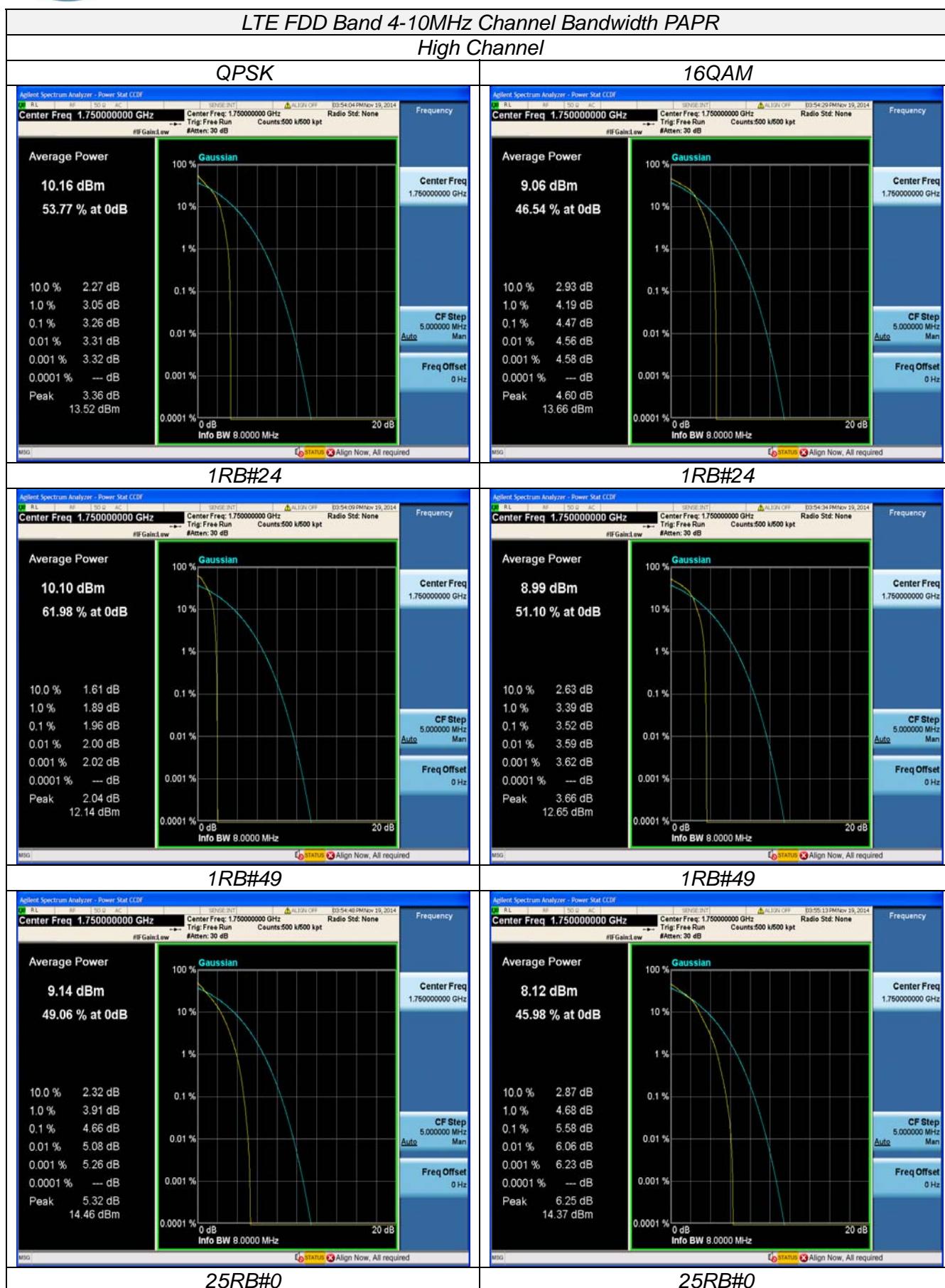
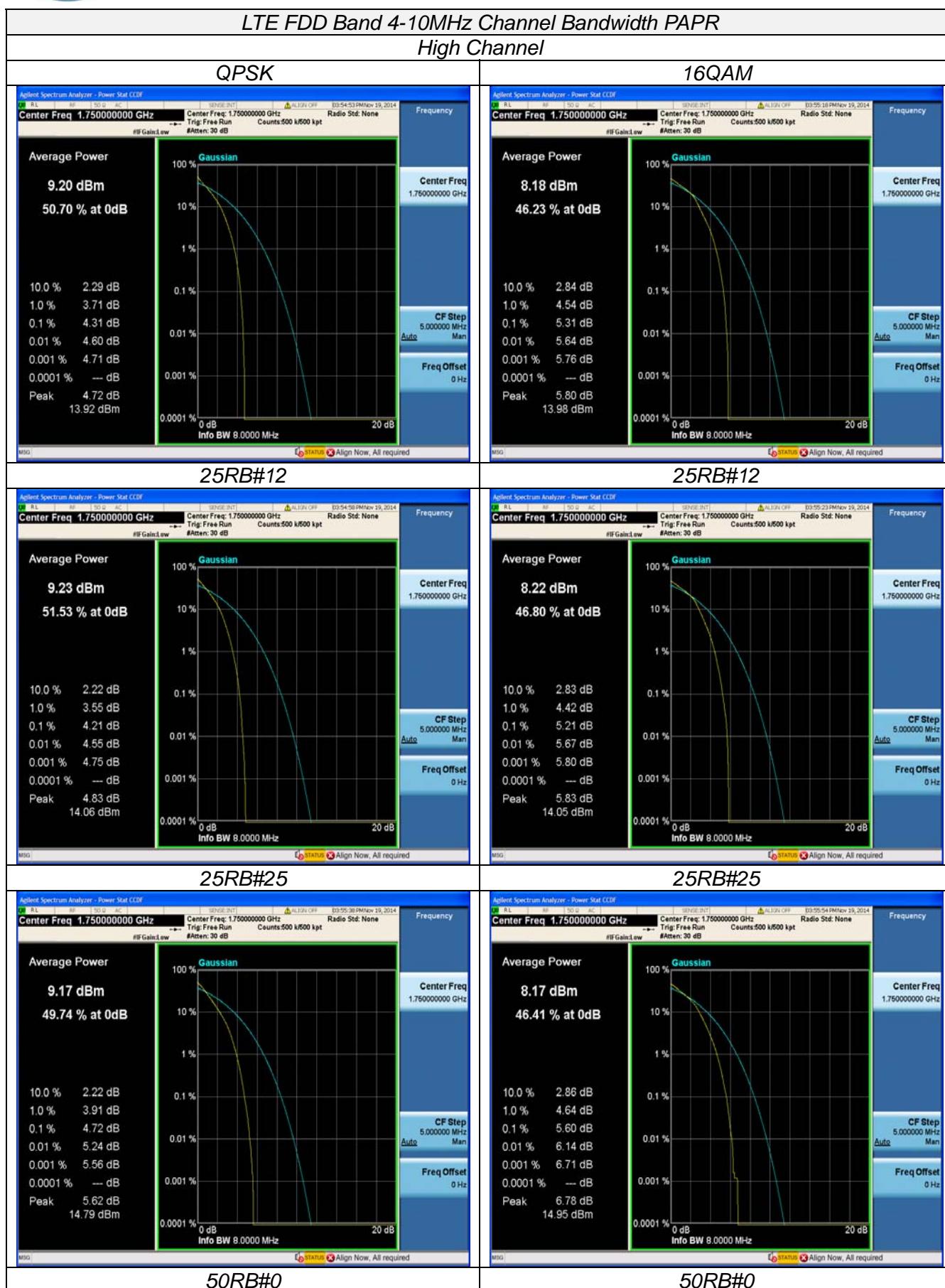
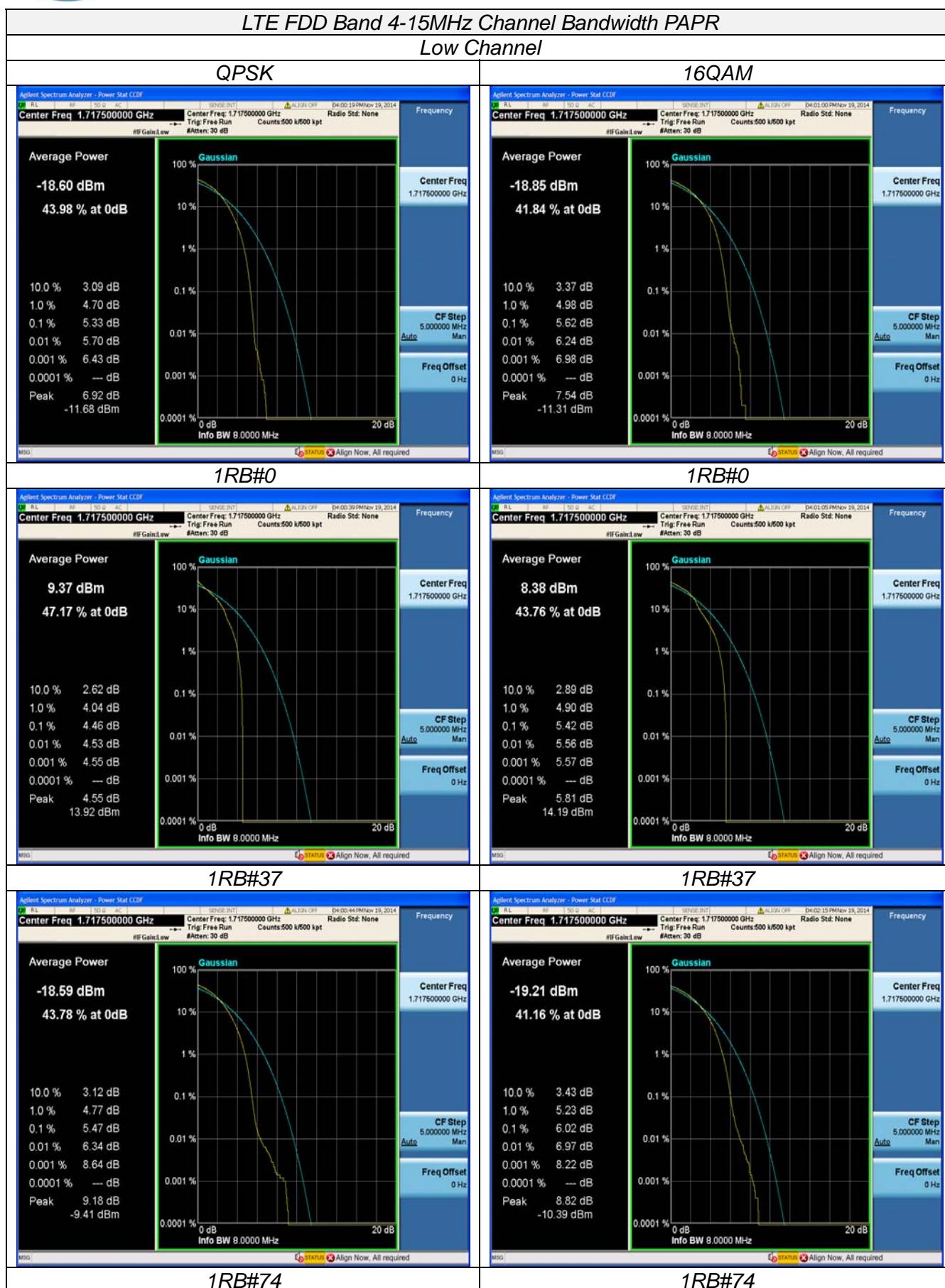


LTE FDD Band 4-10MHz Channel Bandwidth PAPR Middle Channel																																	
QPSK	16QAM																																
<p>Average Power 9.11 dBm 48.32 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.36 dB</td></tr> <tr><td>1.0 %</td><td>4.06 dB</td></tr> <tr><td>0.1 %</td><td>4.86 dB</td></tr> <tr><td>0.01 %</td><td>5.24 dB</td></tr> <tr><td>0.001 %</td><td>5.37 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>5.49 dB</td></tr> <tr><td></td><td>14.60 dBm</td></tr> </table> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.36 dB	1.0 %	4.06 dB	0.1 %	4.86 dB	0.01 %	5.24 dB	0.001 %	5.37 dB	0.0001 %	— dB	Peak	5.49 dB		14.60 dBm	<p>Average Power 8.09 dBm 45.45 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.83 dB</td></tr> <tr><td>1.0 %</td><td>4.77 dB</td></tr> <tr><td>0.1 %</td><td>5.76 dB</td></tr> <tr><td>0.01 %</td><td>6.34 dB</td></tr> <tr><td>0.001 %</td><td>6.52 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>6.56 dB</td></tr> <tr><td></td><td>14.65 dBm</td></tr> </table> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.83 dB	1.0 %	4.77 dB	0.1 %	5.76 dB	0.01 %	6.34 dB	0.001 %	6.52 dB	0.0001 %	— dB	Peak	6.56 dB		14.65 dBm
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0.0001 %	— dB																																
Peak	6.56 dB																																
	14.65 dBm																																
25RB#25	25RB#25																																
<p>Average Power 9.10 dBm 48.02 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.32 dB</td></tr> <tr><td>1.0 %</td><td>4.17 dB</td></tr> <tr><td>0.1 %</td><td>5.08 dB</td></tr> <tr><td>0.01 %</td><td>5.61 dB</td></tr> <tr><td>0.001 %</td><td>5.89 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>5.97 dB</td></tr> <tr><td></td><td>15.07 dBm</td></tr> </table> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.32 dB	1.0 %	4.17 dB	0.1 %	5.08 dB	0.01 %	5.61 dB	0.001 %	5.89 dB	0.0001 %	— dB	Peak	5.97 dB		15.07 dBm	<p>Average Power 8.05 dBm 45.51 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.83 dB</td></tr> <tr><td>1.0 %</td><td>4.86 dB</td></tr> <tr><td>0.1 %</td><td>5.97 dB</td></tr> <tr><td>0.01 %</td><td>6.58 dB</td></tr> <tr><td>0.001 %</td><td>7.00 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>7.04 dB</td></tr> <tr><td></td><td>15.09 dBm</td></tr> </table> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.83 dB	1.0 %	4.86 dB	0.1 %	5.97 dB	0.01 %	6.58 dB	0.001 %	7.00 dB	0.0001 %	— dB	Peak	7.04 dB		15.09 dBm
10.0 %	2.32 dB																																
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50RB#0	50RB#0																																
High Channel																																	
QPSK	16QAM																																
<p>Average Power 10.22 dBm 51.79 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.33 dB</td></tr> <tr><td>1.0 %</td><td>3.22 dB</td></tr> <tr><td>0.1 %</td><td>3.51 dB</td></tr> <tr><td>0.01 %</td><td>3.62 dB</td></tr> <tr><td>0.001 %</td><td>3.65 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>3.65 dB</td></tr> <tr><td></td><td>13.87 dBm</td></tr> </table> <p>Center Freq 1.750000000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.33 dB	1.0 %	3.22 dB	0.1 %	3.51 dB	0.01 %	3.62 dB	0.001 %	3.65 dB	0.0001 %	— dB	Peak	3.65 dB		13.87 dBm	<p>Average Power 9.16 dBm 46.15 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.93 dB</td></tr> <tr><td>1.0 %</td><td>4.25 dB</td></tr> <tr><td>0.1 %</td><td>4.55 dB</td></tr> <tr><td>0.01 %</td><td>4.63 dB</td></tr> <tr><td>0.001 %</td><td>4.67 dB</td></tr> <tr><td>0.0001 %</td><td>— dB</td></tr> <tr><td>Peak</td><td>4.68 dB</td></tr> <tr><td></td><td>13.84 dBm</td></tr> </table> <p>Center Freq 1.750000000 GHz CF Step 5.00000 MHz Freq Offset 0 Hz</p>	10.0 %	2.93 dB	1.0 %	4.25 dB	0.1 %	4.55 dB	0.01 %	4.63 dB	0.001 %	4.67 dB	0.0001 %	— dB	Peak	4.68 dB		13.84 dBm
10.0 %	2.33 dB																																
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Peak	3.65 dB																																
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	13.84 dBm																																
1RB#0	1RB#0																																











LTE FDD Band 4-15MHz Channel Bandwidth PAPR Middle Channel	
QPSK	16QAM
<p>Average Power <b>-18.36 dBm</b> 45.23 % at 0dB</p> <p>10.0 % 2.93 dB 1.0 % 4.29 dB 0.1 % 5.04 dB 0.01 % 6.30 dB 0.001 % 8.22 dB 0.0001 % --- dB Peak 9.33 dB -9.03 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>-18.60 dBm</b> 43.26 % at 0dB</p> <p>10.0 % 3.21 dB 1.0 % 4.61 dB 0.1 % 5.53 dB 0.01 % 7.31 dB 0.001 % 8.64 dB 0.0001 % --- dB Peak 9.31 dB -9.29 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
<b>1RB#74</b>	<b>1RB#74</b>
<p>Average Power <b>7.48 dBm</b> 45.56 % at 0dB</p> <p>10.0 % 2.91 dB 1.0 % 4.11 dB 0.1 % 4.70 dB 0.01 % 5.21 dB 0.001 % 5.60 dB 0.0001 % --- dB Peak 5.68 dB 13.16 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>6.44 dBm</b> 42.19 % at 0dB</p> <p>10.0 % 3.26 dB 1.0 % 5.07 dB 0.1 % 5.91 dB 0.01 % 6.45 dB 0.001 % 6.78 dB 0.0001 % --- dB Peak 6.95 dB 13.39 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
<b>37RB#0</b>	<b>37RB#0</b>
<p>Average Power <b>8.69 dBm</b> 46.97 % at 0dB</p> <p>10.0 % 2.46 dB 1.0 % 4.22 dB 0.1 % 4.93 dB 0.01 % 5.35 dB 0.001 % 5.65 dB 0.0001 % --- dB Peak 5.70 dB 14.39 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>7.64 dBm</b> 44.18 % at 0dB</p> <p>10.0 % 3.01 dB 1.0 % 4.85 dB 0.1 % 5.78 dB 0.01 % 6.43 dB 0.001 % 6.78 dB 0.0001 % --- dB Peak 6.82 dB 14.46 dBm</p> <p>Center Freq 1.732500000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
<b>37RB#18</b>	<b>37RB#18</b>

LTE FDD Band 4-15MHz Channel Bandwidth PAPR Middle Channel																																	
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<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>7.74 dBm</p> <p>46.14 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.81 dB</td></tr> <tr><td>1.0 %</td><td>3.99 dB</td></tr> <tr><td>0.1 %</td><td>4.54 dB</td></tr> <tr><td>0.01 %</td><td>5.09 dB</td></tr> <tr><td>0.001 %</td><td>5.36 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>5.46 dB</td></tr> <tr><td></td><td>13.20 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	2.81 dB	1.0 %	3.99 dB	0.1 %	4.54 dB	0.01 %	5.09 dB	0.001 %	5.36 dB	0.0001 %	--- dB	Peak	5.46 dB		13.20 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>6.63 dBm</p> <p>42.65 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.19 dB</td></tr> <tr><td>1.0 %</td><td>4.99 dB</td></tr> <tr><td>0.1 %</td><td>5.82 dB</td></tr> <tr><td>0.01 %</td><td>6.39 dB</td></tr> <tr><td>0.001 %</td><td>6.63 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>6.94 dB</td></tr> <tr><td></td><td>13.57 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	3.19 dB	1.0 %	4.99 dB	0.1 %	5.82 dB	0.01 %	6.39 dB	0.001 %	6.63 dB	0.0001 %	--- dB	Peak	6.94 dB		13.57 dBm
10.0 %	2.81 dB																																
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37RB#38	37RB#38																																
<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>7.74 dBm</p> <p>46.14 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.81 dB</td></tr> <tr><td>1.0 %</td><td>3.99 dB</td></tr> <tr><td>0.1 %</td><td>4.54 dB</td></tr> <tr><td>0.01 %</td><td>5.09 dB</td></tr> <tr><td>0.001 %</td><td>5.36 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>5.46 dB</td></tr> <tr><td></td><td>13.20 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	2.81 dB	1.0 %	3.99 dB	0.1 %	4.54 dB	0.01 %	5.09 dB	0.001 %	5.36 dB	0.0001 %	--- dB	Peak	5.46 dB		13.20 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>6.64 dBm</p> <p>42.55 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.25 dB</td></tr> <tr><td>1.0 %</td><td>5.06 dB</td></tr> <tr><td>0.1 %</td><td>6.14 dB</td></tr> <tr><td>0.01 %</td><td>6.78 dB</td></tr> <tr><td>0.001 %</td><td>7.17 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>7.39 dB</td></tr> <tr><td></td><td>14.03 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	3.25 dB	1.0 %	5.06 dB	0.1 %	6.14 dB	0.01 %	6.78 dB	0.001 %	7.17 dB	0.0001 %	--- dB	Peak	7.39 dB		14.03 dBm
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<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.747500000 GHz</p> <p>Center Freq: 1.747500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>-18.41 dBm</p> <p>45.39 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>2.91 dB</td></tr> <tr><td>1.0 %</td><td>4.30 dB</td></tr> <tr><td>0.1 %</td><td>4.96 dB</td></tr> <tr><td>0.01 %</td><td>5.91 dB</td></tr> <tr><td>0.001 %</td><td>6.90 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>7.66 dB</td></tr> <tr><td></td><td>-10.75 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.747500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	2.91 dB	1.0 %	4.30 dB	0.1 %	4.96 dB	0.01 %	5.91 dB	0.001 %	6.90 dB	0.0001 %	--- dB	Peak	7.66 dB		-10.75 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.747500000 GHz</p> <p>Center Freq: 1.747500000 GHz Radio Std: None</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>-18.21 dBm</p> <p>43.86 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.14 dB</td></tr> <tr><td>1.0 %</td><td>4.42 dB</td></tr> <tr><td>0.1 %</td><td>5.06 dB</td></tr> <tr><td>0.01 %</td><td>6.42 dB</td></tr> <tr><td>0.001 %</td><td>7.67 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>8.21 dB</td></tr> <tr><td></td><td>-10.00 dBm</td></tr> </table> <p>Gaussian</p> <p>Frequency</p> <p>Center Freq 1.747500000 GHz</p> <p>CF Step 5.000000 MHz Man</p> <p>Freq Offset 0 Hz</p>	10.0 %	3.14 dB	1.0 %	4.42 dB	0.1 %	5.06 dB	0.01 %	6.42 dB	0.001 %	7.67 dB	0.0001 %	--- dB	Peak	8.21 dB		-10.00 dBm
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Peak	8.21 dB																																
	-10.00 dBm																																
1RB#0	1RB#0																																



LTE FDD Band 4-15MHz Channel Bandwidth PAPR High Channel	
QPSK	16QAM
<p>Average Power 8.75 dBm 49.02 % at 0dB</p> <p>10.0 % 2.38 dB 1.0 % 4.00 dB 0.1 % 4.66 dB 0.01 % 5.03 dB 0.001 % 5.25 dB 0.0001 % --- dB Peak 5.42 dB 14.17 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 7.78 dBm 45.11 % at 0dB</p> <p>10.0 % 2.98 dB 1.0 % 4.61 dB 0.1 % 5.51 dB 0.01 % 6.01 dB 0.001 % 6.22 dB 0.0001 % --- dB Peak 6.29 dB 14.07 dBm</p> <p>MSG STATUS Align Now, All required</p>
37RB#18	37RB#18
<p>Average Power 7.94 dBm 46.38 % at 0dB</p> <p>10.0 % 2.76 dB 1.0 % 3.88 dB 0.1 % 4.48 dB 0.01 % 4.94 dB 0.001 % 5.41 dB 0.0001 % --- dB Peak 5.46 dB 13.40 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 6.91 dBm 43.41 % at 0dB</p> <p>10.0 % 3.14 dB 1.0 % 4.86 dB 0.1 % 5.67 dB 0.01 % 6.14 dB 0.001 % 6.57 dB 0.0001 % --- dB Peak 6.69 dB 13.60 dBm</p> <p>MSG STATUS Align Now, All required</p>
37RB#38	37RB#38
<p>Average Power 7.92 dBm 47.48 % at 0dB</p> <p>10.0 % 2.82 dB 1.0 % 4.12 dB 0.1 % 4.84 dB 0.01 % 5.27 dB 0.001 % 5.56 dB 0.0001 % --- dB Peak 5.76 dB 13.68 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 6.84 dBm 42.86 % at 0dB</p> <p>10.0 % 3.22 dB 1.0 % 4.97 dB 0.1 % 6.03 dB 0.01 % 6.62 dB 0.001 % 7.20 dB 0.0001 % --- dB Peak 7.26 dB 14.10 dBm</p> <p>MSG STATUS Align Now, All required</p>
75RB#0	75RB#0



LTE FDD Band 4-20MHz Channel Bandwidth PAPR Low Channel	
QPSK	16QAM
<p>Average Power <b>6.34 dBm</b> 44.43 % at 0dB</p> <p>10.0 % 3.22 dB 1.0 % 4.90 dB 0.1 % 5.55 dB 0.01 % 6.04 dB 0.001 % 6.35 dB 0.0001 % --- dB Peak 6.60 dB 12.94 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>5.34 dBm</b> 40.72 % at 0dB</p> <p>10.0 % 3.44 dB 1.0 % 5.44 dB 0.1 % 6.57 dB 0.01 % 7.27 dB 0.001 % 7.66 dB 0.0001 % --- dB Peak 7.96 dB 13.30 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
50RB#0	50RB#0
<p>Average Power <b>8.45 dBm</b> 47.53 % at 0dB</p> <p>10.0 % 2.31 dB 1.0 % 4.29 dB 0.1 % 5.30 dB 0.01 % 5.95 dB 0.001 % 6.47 dB 0.0001 % --- dB Peak 6.53 dB 14.98 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>7.48 dBm</b> 44.80 % at 0dB</p> <p>10.0 % 2.87 dB 1.0 % 4.96 dB 0.1 % 6.10 dB 0.01 % 6.81 dB 0.001 % 7.12 dB 0.0001 % --- dB Peak 7.20 dB 14.68 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
50RB#25	50RB#25
<p>Average Power <b>6.40 dBm</b> 44.26 % at 0dB</p> <p>10.0 % 3.26 dB 1.0 % 5.11 dB 0.1 % 5.79 dB 0.01 % 6.20 dB 0.001 % 6.67 dB 0.0001 % --- dB Peak 6.84 dB 13.24 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>	<p>Average Power <b>5.44 dBm</b> 40.96 % at 0dB</p> <p>10.0 % 3.52 dB 1.0 % 5.55 dB 0.1 % 6.60 dB 0.01 % 7.38 dB 0.001 % 8.06 dB 0.0001 % --- dB Peak 8.12 dB 13.56 dBm</p> <p>Center Freq 1.72000000 GHz CF Step 5.00000 MHz Man Freq Offset 0 Hz</p>
50RB#50	50RB#50



LTE FDD Band 4-20MHz Channel Bandwidth PAPR Middle Channel	
QPSK	16QAM
<p>Average Power <b>-26.48 dBm</b> 59.76 % at 0dB</p> <p>10.0 % 0.85 dB 1.0 % 1.32 dB 0.1 % 1.64 dB 0.01 % 1.97 dB 0.001 % 2.40 dB 0.0001 % --- dB Peak 3.75 dB -22.73 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power <b>-26.16 dBm</b> 57.73 % at 0dB</p> <p>10.0 % 0.72 dB 1.0 % 1.17 dB 0.1 % 1.49 dB 0.01 % 1.78 dB 0.001 % 5.00 dB 0.0001 % --- dB Peak 6.69 dB -19.47 dBm</p> <p>MSG STATUS Align Now, All required</p>
1RB#99	1RB#99
<p>Average Power <b>6.53 dBm</b> 44.41 % at 0dB</p> <p>10.0 % 3.21 dB 1.0 % 4.88 dB 0.1 % 5.57 dB 0.01 % 6.02 dB 0.001 % 6.36 dB 0.0001 % --- dB Peak 6.76 dB 13.29 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power <b>5.50 dBm</b> 40.83 % at 0dB</p> <p>10.0 % 3.42 dB 1.0 % 5.39 dB 0.1 % 6.49 dB 0.01 % 7.24 dB 0.001 % 7.57 dB 0.0001 % --- dB Peak 7.99 dB 13.49 dBm</p> <p>MSG STATUS Align Now, All required</p>
50RB#0	50RB#0
<p>Average Power <b>8.67 dBm</b> 47.59 % at 0dB</p> <p>10.0 % 2.30 dB 1.0 % 4.17 dB 0.1 % 5.09 dB 0.01 % 5.62 dB 0.001 % 6.04 dB 0.0001 % --- dB Peak 6.23 dB 14.90 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power <b>7.68 dBm</b> 45.15 % at 0dB</p> <p>10.0 % 2.86 dB 1.0 % 4.83 dB 0.1 % 5.92 dB 0.01 % 6.50 dB 0.001 % 6.98 dB 0.0001 % --- dB Peak 7.11 dB 14.79 dBm</p> <p>MSG STATUS Align Now, All required</p>
50RB#25	50RB#25

LTE FDD Band 4-20MHz Channel Bandwidth PAPR Middle Channel																																	
QPSK	16QAM																																
<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>6.48 dBm</p> <p>44.32 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.27 dB</td></tr> <tr><td>1.0 %</td><td>5.10 dB</td></tr> <tr><td>0.1 %</td><td>5.75 dB</td></tr> <tr><td>0.01 %</td><td>6.09 dB</td></tr> <tr><td>0.001 %</td><td>6.64 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>6.77 dB</td></tr> <tr><td></td><td>13.25 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	3.27 dB	1.0 %	5.10 dB	0.1 %	5.75 dB	0.01 %	6.09 dB	0.001 %	6.64 dB	0.0001 %	--- dB	Peak	6.77 dB		13.25 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>5.44 dBm</p> <p>41.00 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.50 dB</td></tr> <tr><td>1.0 %</td><td>5.54 dB</td></tr> <tr><td>0.1 %</td><td>6.54 dB</td></tr> <tr><td>0.01 %</td><td>7.26 dB</td></tr> <tr><td>0.001 %</td><td>7.84 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>8.00 dB</td></tr> <tr><td></td><td>13.44 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	3.50 dB	1.0 %	5.54 dB	0.1 %	6.54 dB	0.01 %	7.26 dB	0.001 %	7.84 dB	0.0001 %	--- dB	Peak	8.00 dB		13.44 dBm
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Peak	6.77 dB																																
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50RB#50	50RB#50																																
<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>6.53 dBm</p> <p>43.47 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.24 dB</td></tr> <tr><td>1.0 %</td><td>5.07 dB</td></tr> <tr><td>0.1 %</td><td>5.73 dB</td></tr> <tr><td>0.01 %</td><td>6.28 dB</td></tr> <tr><td>0.001 %</td><td>6.66 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>6.92 dB</td></tr> <tr><td></td><td>13.45 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	3.24 dB	1.0 %	5.07 dB	0.1 %	5.73 dB	0.01 %	6.28 dB	0.001 %	6.66 dB	0.0001 %	--- dB	Peak	6.92 dB		13.45 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.732500000 GHz</p> <p>Center Freq: 1.732500000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>5.46 dBm</p> <p>39.61 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>3.49 dB</td></tr> <tr><td>1.0 %</td><td>5.50 dB</td></tr> <tr><td>0.1 %</td><td>6.68 dB</td></tr> <tr><td>0.01 %</td><td>7.51 dB</td></tr> <tr><td>0.001 %</td><td>8.06 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>8.41 dB</td></tr> <tr><td></td><td>13.87 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.732500000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	3.49 dB	1.0 %	5.50 dB	0.1 %	6.68 dB	0.01 %	7.51 dB	0.001 %	8.06 dB	0.0001 %	--- dB	Peak	8.41 dB		13.87 dBm
10.0 %	3.24 dB																																
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High Channel																																	
QPSK	16QAM																																
<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.745000000 GHz</p> <p>Center Freq: 1.745000000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>-25.00 dBm</p> <p>60.53 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>0.82 dB</td></tr> <tr><td>1.0 %</td><td>1.27 dB</td></tr> <tr><td>0.1 %</td><td>1.59 dB</td></tr> <tr><td>0.01 %</td><td>1.93 dB</td></tr> <tr><td>0.001 %</td><td>2.37 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>2.46 dB</td></tr> <tr><td></td><td>-22.54 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.745000000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	0.82 dB	1.0 %	1.27 dB	0.1 %	1.59 dB	0.01 %	1.93 dB	0.001 %	2.37 dB	0.0001 %	--- dB	Peak	2.46 dB		-22.54 dBm	<p>Agilent Spectrum Analyzer - Power Stat CDF</p> <p>Center Freq 1.745000000 GHz</p> <p>Center Freq: 1.745000000 GHz Radio Std: None</p> <p>Trig: Free Run Counts:500 k/500 kpt</p> <p>#IF Gain:Low #Atten: 30 dB</p> <p>Average Power</p> <p>-24.76 dBm</p> <p>59.79 % at 0dB</p> <table border="1"> <tr><td>10.0 %</td><td>0.74 dB</td></tr> <tr><td>1.0 %</td><td>1.20 dB</td></tr> <tr><td>0.1 %</td><td>1.52 dB</td></tr> <tr><td>0.01 %</td><td>1.83 dB</td></tr> <tr><td>0.001 %</td><td>2.22 dB</td></tr> <tr><td>0.0001 %</td><td>--- dB</td></tr> <tr><td>Peak</td><td>2.46 dB</td></tr> <tr><td></td><td>-22.30 dBm</td></tr> </table> <p>Frequency</p> <p>Center Freq 1.745000000 GHz</p> <p>CF Step 5.00000 MHz Man</p> <p>Freq Offset 0 Hz</p> <p>Gaussian</p> <p>Info BW 8.0000 MHz</p> <p>0 dB 20 dB</p> <p>MSG STATUS Align Now, All required</p>	10.0 %	0.74 dB	1.0 %	1.20 dB	0.1 %	1.52 dB	0.01 %	1.83 dB	0.001 %	2.22 dB	0.0001 %	--- dB	Peak	2.46 dB		-22.30 dBm
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1RB#0	1RB#0																																



LTE FDD Band 4-20MHz Channel Bandwidth PAPR High Channel	
QPSK	16QAM
<p>Average Power 8.91 dBm 49.21 % at 0dB</p> <p>10.0 % 2.26 dB 1.0 % 3.98 dB 0.1 % 4.84 dB 0.01 % 5.32 dB 0.001 % 5.63 dB 0.0001 % --- dB Peak 5.77 dB 14.68 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 7.85 dBm 46.13 % at 0dB</p> <p>10.0 % 2.87 dB 1.0 % 4.67 dB 0.1 % 5.66 dB 0.01 % 6.32 dB 0.001 % 6.60 dB 0.0001 % --- dB Peak 6.62 dB 14.47 dBm</p> <p>MSG STATUS Align Now, All required</p>
50RB#25	50RB#25
<p>Average Power 6.88 dBm 44.61 % at 0dB</p> <p>10.0 % 3.25 dB 1.0 % 5.04 dB 0.1 % 5.61 dB 0.01 % 6.03 dB 0.001 % 6.36 dB 0.0001 % --- dB Peak 6.55 dB 13.43 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 5.85 dBm 41.13 % at 0dB</p> <p>10.0 % 3.47 dB 1.0 % 5.50 dB 0.1 % 6.50 dB 0.01 % 7.01 dB 0.001 % 7.51 dB 0.0001 % --- dB Peak 7.84 dB 13.69 dBm</p> <p>MSG STATUS Align Now, All required</p>
50RB#50	50RB#50
<p>Average Power 6.90 dBm 43.39 % at 0dB</p> <p>10.0 % 3.25 dB 1.0 % 5.12 dB 0.1 % 5.72 dB 0.01 % 6.15 dB 0.001 % 6.39 dB 0.0001 % --- dB Peak 6.58 dB 13.48 dBm</p> <p>MSG STATUS Align Now, All required</p>	<p>Average Power 5.89 dBm 39.53 % at 0dB</p> <p>10.0 % 3.52 dB 1.0 % 5.50 dB 0.1 % 6.60 dB 0.01 % 7.32 dB 0.001 % 7.86 dB 0.0001 % --- dB Peak 8.10 dB 13.99 dBm</p> <p>MSG STATUS Align Now, All required</p>
100RB#0	100RB#0