

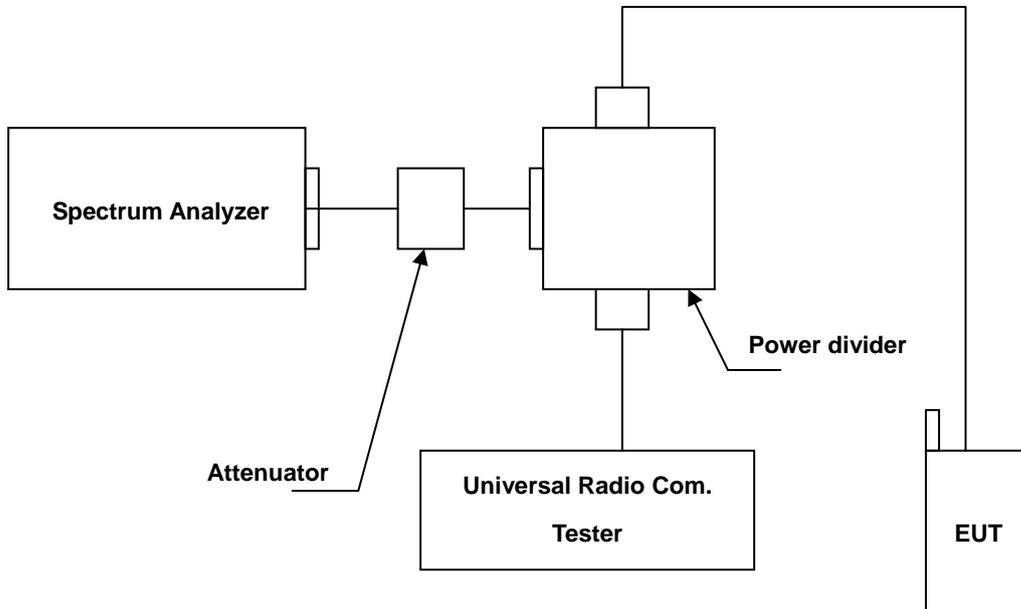
7.2. Test Instruments

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/10/2014	(1)
Wideband Radio Communication Test	R & S	CMW500	103168	11/05/2013	(1)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

7.3. Setup



7.4. Test Procedure

The measurement is made according to FCC rules:

- The EUT was set up for the maximum peak power with LTE/WCDMA link data modulation. The power was measured with R&S Spectrum Analyzer. All measurements were done at 2 channels (low and high operational frequency range.)
- The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer. This splitter loss and cable loss are the worst loss 7.2 dB in the transmitted path track.
- The center frequency of spectrum is the band edge frequency and span is 10 MHz. RB of the resolution bandwidth of at least one percent of the emission bandwidth.
- Record the max trace plot into the test report.

7.5. Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

7.6. Test Result

Frequency	LTE Band 2	Channel Bandwidth	1.4 MHz	RB Allocated	6																
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -31.214 dBm</p> <p>Center 1.850 00 GHz Span 10 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>1.85000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.84500000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.85500000 GHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz</td></tr> <tr><td>Auto</td><td>Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	1.85000000 GHz	Start Freq	1.84500000 GHz	Stop Freq	1.85500000 GHz	CF Step	1.00000000 MHz	Auto	Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Auto	Man																				
Freq Offset	0.00000000 Hz																				
Signal Track	On Off																				
Higher Band Edge	<p>Agilent R T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -29.227 dBm</p> <p>Center 1.910 00 GHz Span 10 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>1.91000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.90500000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.91500000 GHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz</td></tr> <tr><td>Auto</td><td>Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	1.91000000 GHz	Start Freq	1.90500000 GHz	Stop Freq	1.91500000 GHz	CF Step	1.00000000 MHz	Auto	Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																				
Signal Track	On Off																				

Frequency	LTE Band 2	Channel Bandwidth	3 MHz	RB Allocated	15														
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -29.410 dBm</p> <p>Center 1.850 00 GHz Span 10 MHz #Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>1.85000000 GHz</td> </tr> <tr> <td>Start Freq</td> <td>1.84500000 GHz</td> </tr> <tr> <td>Stop Freq</td> <td>1.85500000 GHz</td> </tr> <tr> <td>CF Step</td> <td>1.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	1.85000000 GHz	Start Freq	1.84500000 GHz	Stop Freq	1.85500000 GHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		
Higher Band Edge	<p>Agilent R T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -29.049 dBm</p> <p>Center 1.910 00 GHz Span 10 MHz #Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>1.91000000 GHz</td> </tr> <tr> <td>Start Freq</td> <td>1.90500000 GHz</td> </tr> <tr> <td>Stop Freq</td> <td>1.91500000 GHz</td> </tr> <tr> <td>CF Step</td> <td>1.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	1.91000000 GHz	Start Freq	1.90500000 GHz	Stop Freq	1.91500000 GHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Signal Track	On Off																		

Frequency	LTE Band 2	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -30.773 dBm</p> <p>Center Freq 1.8500000 GHz</p> <p>Start Freq 1.8450000 GHz</p> <p>Stop Freq 1.8550000 GHz</p> <p>CF Step 1.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.850 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -30.084 dBm</p> <p>Center Freq 1.9100000 GHz</p> <p>Start Freq 1.9050000 GHz</p> <p>Stop Freq 1.9150000 GHz</p> <p>CF Step 1.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.910 00 GHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 2	Channel Bandwidth	10 MHz	RB Allocated	50														
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -33.549 dBm</p> <p>Center 1.850 00 GHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>1.85000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.84000000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.86000000 GHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	1.85000000 GHz	Start Freq	1.84000000 GHz	Stop Freq	1.86000000 GHz	CF Step	2.00000000 MHz Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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CF Step	2.00000000 MHz Man																		
Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -31.395 dBm</p> <p>Center 1.910 00 GHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>1.91000000 GHz</td></tr> <tr><td>Start Freq</td><td>1.90000000 GHz</td></tr> <tr><td>Stop Freq</td><td>1.92000000 GHz</td></tr> <tr><td>CF Step</td><td>2.00000000 MHz Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	1.91000000 GHz	Start Freq	1.90000000 GHz	Stop Freq	1.92000000 GHz	CF Step	2.00000000 MHz Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		

Frequency	LTE Band 2	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 2	Channel Bandwidth	20 MHz	RB Allocated	100														
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.850 00 GHz -36.623 dBm</p> <p>#Avg 10 Log dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): FTun Swp</p> <p>Center 1.850 00 GHz Span 40 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>1.85000000 GHz</td> </tr> <tr> <td>Start Freq</td> <td>1.83000000 GHz</td> </tr> <tr> <td>Stop Freq</td> <td>1.87000000 GHz</td> </tr> <tr> <td>CF Step</td> <td>4.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	1.85000000 GHz	Start Freq	1.83000000 GHz	Stop Freq	1.87000000 GHz	CF Step	4.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.910 00 GHz -33.701 dBm</p> <p>#Avg 10 Log dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): FTun Swp</p> <p>Center 1.910 00 GHz Span 40 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>1.91000000 GHz</td> </tr> <tr> <td>Start Freq</td> <td>1.89000000 GHz</td> </tr> <tr> <td>Stop Freq</td> <td>1.93000000 GHz</td> </tr> <tr> <td>CF Step</td> <td>4.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	1.91000000 GHz	Start Freq	1.89000000 GHz	Stop Freq	1.93000000 GHz	CF Step	4.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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CF Step	4.00000000 MHz Auto Man																		
Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		

Frequency	LTE Band 4	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -30.800 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 1.710 00 GHz Span 10 MHz #Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 1.71000000 GHz</p> <p>Start Freq: 1.70500000 GHz</p> <p>Stop Freq: 1.71500000 GHz</p> <p>CF Step: 1.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -23.397 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 1.755 00 GHz Span 10 MHz #Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 1.75500000 GHz</p> <p>Start Freq: 1.75000000 GHz</p> <p>Stop Freq: 1.76000000 GHz</p> <p>CF Step: 1.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				

Frequency	LTE Band 4	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 4	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 4	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -34.434 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): FTun Swp</p> <p>Center 1.710 00 GHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Freq/Channel</p> <p>Center Freq 1.71000000 GHz</p> <p>Start Freq 1.70000000 GHz</p> <p>Stop Freq 1.72000000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p>				
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -28.308 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): FTun Swp</p> <p>Center 1.755 00 GHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Freq/Channel</p> <p>Center Freq 1.75500000 GHz</p> <p>Start Freq 1.74500000 GHz</p> <p>Stop Freq 1.76500000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p>				

Frequency	LTE Band 5	Channel Bandwidth	15 MHz	RB Allocated	75
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.710 00 GHz -36.804 dBm</p> <p>Center Freq 1.7100000 GHz</p> <p>Start Freq 1.6950000 GHz</p> <p>Stop Freq 1.7250000 GHz</p> <p>CF Step 3.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.710 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 4.48 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 1.755 00 GHz -30.821 dBm</p> <p>Center Freq 1.7550000 GHz</p> <p>Start Freq 1.7400000 GHz</p> <p>Stop Freq 1.7700000 GHz</p> <p>CF Step 3.0000000 MHz Auto Man</p> <p>Freq Offset 0.0000000 Hz</p> <p>Signal Track On Off</p> <p>Center 1.755 00 GHz Span 30 MHz</p> <p>#Res BW 160 kHz #VBW 160 kHz Sweep 4.48 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 4	Channel Bandwidth	20 MHz	RB Allocated	100
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 5	Channel Bandwidth	1.4 MHz	RB Allocated	6													
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -30.987 dBm</p> <p>Center 824.00 MHz Span 10 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th>Freq/Channel</th></tr> <tr><td>Center Freq</td><td>824.000000 MHz</td></tr> <tr><td>Start Freq</td><td>819.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>829.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel	Center Freq	824.000000 MHz	Start Freq	819.000000 MHz	Stop Freq	829.000000 MHz	CF Step	1.00000000 MHz	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Stop Freq	829.000000 MHz																	
CF Step	1.00000000 MHz																	
Freq Offset	0.00000000 Hz																	
Signal Track	On Off																	
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -32.980 dBm</p> <p>Center 849.00 MHz Span 10 MHz</p> <p>#Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th>Freq/Channel</th></tr> <tr><td>Center Freq</td><td>849.000000 MHz</td></tr> <tr><td>Start Freq</td><td>844.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>854.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel	Center Freq	849.000000 MHz	Start Freq	844.000000 MHz	Stop Freq	854.000000 MHz	CF Step	1.00000000 MHz	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																	
Signal Track	On Off																	

Frequency	LTE Band 5	Channel Bandwidth	3 MHz	RB Allocated	15
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -28.783 dBm</p> <p>Center Freq 824.000000 MHz</p> <p>Start Freq 819.000000 MHz</p> <p>Stop Freq 829.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 824.00 MHz Span 10 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -29.549 dBm</p> <p>Center Freq 849.000000 MHz</p> <p>Start Freq 844.000000 MHz</p> <p>Stop Freq 854.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 849.00 MHz Span 10 MHz</p> <p>#Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 5	Channel Bandwidth	5 MHz	RB Allocated	25														
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 824.00 MHz -29.288 dBm</p> <p>#Avg Log 10 dB/ Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 824.00 MHz Span 10 MHz #Res BW 51 kHz #VBN 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>824.000000 MHz</td></tr> <tr><td>Start Freq</td><td>819.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>829.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	824.000000 MHz	Start Freq	819.000000 MHz	Stop Freq	829.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 849.00 MHz -30.784 dBm</p> <p>#Avg Log 10 dB/ Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 849.00 MHz Span 10 MHz #Res BW 51 kHz #VBN 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <tr><th colspan="2">Freq/Channel</th></tr> <tr><td>Center Freq</td><td>849.000000 MHz</td></tr> <tr><td>Start Freq</td><td>844.000000 MHz</td></tr> <tr><td>Stop Freq</td><td>854.000000 MHz</td></tr> <tr><td>CF Step</td><td>1.00000000 MHz Auto Man</td></tr> <tr><td>Freq Offset</td><td>0.00000000 Hz</td></tr> <tr><td>Signal Track</td><td>On Off</td></tr> </table>					Freq/Channel		Center Freq	849.000000 MHz	Start Freq	844.000000 MHz	Stop Freq	854.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
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CF Step	1.00000000 MHz Auto Man																		
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Signal Track	On Off																		

Frequency	LTE Band 5	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 7	Channel Bandwidth	5 MHz	RB Allocated	25
Res BW	51kHz				
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 7	Channel Bandwidth	10 MHz	RB Allocated	50
Res BW	110kHz				
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 7	Channel Bandwidth	15 MHz	RB Allocated	75
Res BW	160kHz				
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 7	Channel Bandwidth	20 MHz	RB Allocated	100
Res BW	220kHz				
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.500 00 GHz -25.530 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAVg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(F): FTun Swp</p> <p>Center 2.500 00 GHz Span 40 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.50000000 GHz</p> <p>Start Freq: 2.48000000 GHz</p> <p>Stop Freq: 2.52000000 GHz</p> <p>CF Step: 4.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.570 00 GHz -27.841 dBm</p> <p>#Avg Log 10 dB/ Offst 5.2 dB DI -13.0 dBm PAVg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(F): FTun Swp</p> <p>Center 2.570 00 GHz Span 40 MHz #Res BW 220 kHz #VBW 220 kHz Sweep 3.16 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 2.57000000 GHz</p> <p>Start Freq: 2.55000000 GHz</p> <p>Stop Freq: 2.59000000 GHz</p> <p>CF Step: 4.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				

Frequency	LTE Band 7	Channel Bandwidth	5 MHz	RB Allocated	25
Res BW	1MHz				
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.494 50 GHz -36.316 dBm</p> <p>Center Freq 2.49450000 GHz</p> <p>Start Freq 2.48450000 GHz</p> <p>Stop Freq 2.50450000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.494 50 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.575 50 GHz -39.298 dBm</p> <p>Center Freq 2.57550000 GHz</p> <p>Start Freq 2.56550000 GHz</p> <p>Stop Freq 2.58550000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 50 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 7	Channel Bandwidth	10 MHz	RB Allocated	50
Res BW	1MHz				
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.494 50 GHz -29.517 dBm</p> <p>Center Freq 2.49450000 GHz</p> <p>Start Freq 2.48450000 GHz</p> <p>Stop Freq 2.50450000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.494 50 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.575 50 GHz -32.427 dBm</p> <p>Center Freq 2.57550000 GHz</p> <p>Start Freq 2.56550000 GHz</p> <p>Stop Freq 2.58550000 GHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 50 GHz Span 20 MHz</p> <p>#Res BW 1 MHz #VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 7	Channel Bandwidth	15 MHz	RB Allocated	75
Res BW	1MHz				
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 7	Channel Bandwidth	20 MHz	RB Allocated	100
Res BW	1MHz				
Lower Band Edge	<p>Agilent R L Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.494 50 GHz -33.297 dBm</p> <p>Center Freq 2.49450000 GHz</p> <p>Start Freq 2.47450000 GHz</p> <p>Stop Freq 2.51450000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.494 50 GHz Span 40 MHz</p> <p>#Res BW 1 MHz VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 2.575 50 GHz -31.479 dBm</p> <p>Center Freq 2.57550000 GHz</p> <p>Start Freq 2.55550000 GHz</p> <p>Stop Freq 2.59550000 GHz</p> <p>CF Step 4.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 2.575 50 GHz Span 40 MHz</p> <p>#Res BW 1 MHz VBW 1 MHz Sweep 1 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 12	Channel Bandwidth	1.4 MHz	RB Allocated	6
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Mkr1 699.00 MHz -32.015 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg 10 Log dB/ Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 699.00 MHz Span 10 MHz #Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq 699.000000 MHz Start Freq 694.000000 MHz Stop Freq 704.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Mkr1 716.00 MHz -29.677 dBm</p> <p>Ref 20 dBm Atten 30 dB</p> <p>#Avg 10 Log dB/ Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>Ⓔ(f): f>50k Swp</p> <p>Center 716.00 MHz Span 10 MHz #Res BW 15 kHz #VBW 15 kHz Sweep 169.5 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq 716.000000 MHz Start Freq 711.000000 MHz Stop Freq 721.000000 MHz CF Step 1.00000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off</p>				

Frequency	LTE Band 12	Channel Bandwidth	3 MHz	RB Allocated	15														
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -28.548 dBm</p> <p>#Avg 10 Log dB/Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>⊗(f): f>50k Swp</p> <p>Center 699.00 MHz Span 10 MHz #Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>699.000000 MHz</td> </tr> <tr> <td>Start Freq</td> <td>694.000000 MHz</td> </tr> <tr> <td>Stop Freq</td> <td>704.000000 MHz</td> </tr> <tr> <td>CF Step</td> <td>1.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	699.000000 MHz	Start Freq	694.000000 MHz	Stop Freq	704.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Freq/Channel																			
Center Freq	699.000000 MHz																		
Start Freq	694.000000 MHz																		
Stop Freq	704.000000 MHz																		
CF Step	1.00000000 MHz Auto Man																		
Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		
Higher Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -27.936 dBm</p> <p>#Avg 10 Log dB/Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FC AL</p> <p>⊗(f): f>50k Swp</p> <p>Center 716.00 MHz Span 10 MHz #Res BW 33 kHz #VBW 33 kHz Sweep 35.04 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <table border="1"> <thead> <tr> <th colspan="2">Freq/Channel</th> </tr> </thead> <tbody> <tr> <td>Center Freq</td> <td>716.000000 MHz</td> </tr> <tr> <td>Start Freq</td> <td>711.000000 MHz</td> </tr> <tr> <td>Stop Freq</td> <td>721.000000 MHz</td> </tr> <tr> <td>CF Step</td> <td>1.00000000 MHz Auto Man</td> </tr> <tr> <td>Freq Offset</td> <td>0.00000000 Hz</td> </tr> <tr> <td>Signal Track</td> <td>On Off</td> </tr> </tbody> </table>					Freq/Channel		Center Freq	716.000000 MHz	Start Freq	711.000000 MHz	Stop Freq	721.000000 MHz	CF Step	1.00000000 MHz Auto Man	Freq Offset	0.00000000 Hz	Signal Track	On Off
Freq/Channel																			
Center Freq	716.000000 MHz																		
Start Freq	711.000000 MHz																		
Stop Freq	721.000000 MHz																		
CF Step	1.00000000 MHz Auto Man																		
Freq Offset	0.00000000 Hz																		
Signal Track	On Off																		

Frequency	LTE Band 12	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -29.342 dBm</p> <p>Center Freq 699.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 704.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 699.00 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -30.046 dBm</p> <p>Center Freq 716.000000 MHz</p> <p>Start Freq 711.000000 MHz</p> <p>Stop Freq 721.000000 MHz</p> <p>CF Step 1.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 716.00 MHz Span 10 MHz</p> <p>#Res BW 51 kHz #VBW 51 kHz Sweep 14.68 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 12	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 699.00 MHz -31.947 dBm</p> <p>Center Freq 699.000000 MHz</p> <p>Start Freq 689.000000 MHz</p> <p>Stop Freq 709.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 699.00 MHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -32.511 dBm</p> <p>Center Freq 716.000000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 726.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 716.00 MHz Span 20 MHz #Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 13	Channel Bandwidth	5 MHz	RB Allocated	25
Res BW	100kHz				
Lower Band Edge	<p>Agilent T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 777.00 MHz -24.233 dBm #Avg 10 Log dB/Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AL f(f): f>50k Swp Center 777.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel Ref 20 dBm Atten 30 dB Mkr1 787.00 MHz -21.692 dBm #Avg 10 Log dB/Offst 4.6 dB DI -13.0 dBm PAvg 100 W1 S2 S3 FS AL f(f): f>50k Swp Center 787.00 MHz Span 10 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 3.04 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 13	Channel Bandwidth	10 MHz	RB Allocated	50
Res BW	100kHz				
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 777.00 MHz -28.276 dBm</p> <p>#Avg Log dB/Offst 4.6 dB DI -13.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Ⓔ(F): FTun Swp</p> <p>Center 777.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 777.000000 MHz</p> <p>Start Freq: 767.000000 MHz</p> <p>Stop Freq: 787.000000 MHz</p> <p>CF Step: 2.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 787.00 MHz -25.599 dBm</p> <p>#Avg Log dB/Offst 4.6 dB DI -13.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Ⓔ(F): FTun Swp</p> <p>Center 787.00 MHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 6.08 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Center Freq: 787.000000 MHz</p> <p>Start Freq: 777.000000 MHz</p> <p>Stop Freq: 797.000000 MHz</p> <p>CF Step: 2.00000000 MHz (Auto/Man)</p> <p>Freq Offset: 0.00000000 Hz</p> <p>Signal Track: On/Off</p>				

Frequency	LTE Band 13	Channel Bandwidth	5 MHz	RB Allocated	25
Res BW	10kHz				
Lower Band Edge	<p>Agilent T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 774.92 MHz -39.670 dBm</p> <p>#Avg Log 10 dB/ Offst 4.6 dB DI -35.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Ⓐ(F): FTun Swp</p> <p>Start 763.00 MHz Stop 775.00 MHz #Res BW 10 kHz #VBW 30 kHz Sweep 362.7 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Freq/Channel</p> <p>Center Freq 769.000000 MHz</p> <p>Start Freq 763.000000 MHz</p> <p>Stop Freq 775.000000 MHz</p> <p>CF Step 1.20000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p>				
Higher Band Edge	<p>Agilent R T</p> <p>Ref 20 dBm Atten 30 dB Mkr1 793.08 MHz -51.865 dBm</p> <p>#Avg Log 10 dB/ Offst 4.6 dB DI -35.0 dBm PAVg 100 W1 S2 S3 FS AL</p> <p>Ⓐ(F): FTun Swp</p> <p>Start 793.00 MHz Stop 805.00 MHz #Res BW 10 kHz #VBW 30 kHz Sweep 362.7 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p> <p>Freq/Channel</p> <p>Center Freq 799.000000 MHz</p> <p>Start Freq 793.000000 MHz</p> <p>Stop Freq 805.000000 MHz</p> <p>CF Step 1.20000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p>				

Frequency	LTE Band 13	Channel Bandwidth	10 MHz	RB Allocated	50
Res BW	10kHz				
Lower Band Edge	<p>Agilent T Freq/Channel Mkr1 774.90 MHz Center Freq 769.000000 MHz Start Freq 763.000000 MHz Stop Freq 775.000000 MHz CF Step 1.20000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Start 763.00 MHz Stop 775.00 MHz #Res BW 10 kHz #VBW 30 kHz Sweep 362.7 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel Mkr1 793.24 MHz Center Freq 799.000000 MHz Start Freq 793.000000 MHz Stop Freq 805.000000 MHz CF Step 1.20000000 MHz Auto Man Freq Offset 0.00000000 Hz Signal Track On Off Start 793.00 MHz Stop 805.00 MHz #Res BW 10 kHz #VBW 30 kHz Sweep 362.7 ms (601 pts) Copyright 2000-2005 Agilent Technologies</p>				

Frequency	LTE Band 17	Channel Bandwidth	5 MHz	RB Allocated	25
Lower Band Edge					
Higher Band Edge					

Frequency	LTE Band 17	Channel Bandwidth	10 MHz	RB Allocated	50
Lower Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 704.00 MHz -29.468 dBm</p> <p>Center Freq 704.000000 MHz</p> <p>Start Freq 694.000000 MHz</p> <p>Stop Freq 714.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 704.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				
Higher Band Edge	<p>Agilent T Freq/Channel</p> <p>Ref 20 dBm Atten 30 dB Mkr1 716.00 MHz -30.922 dBm</p> <p>Center Freq 716.000000 MHz</p> <p>Start Freq 706.000000 MHz</p> <p>Stop Freq 726.000000 MHz</p> <p>CF Step 2.00000000 MHz Auto Man</p> <p>Freq Offset 0.00000000 Hz</p> <p>Signal Track On Off</p> <p>Center 716.00 MHz Span 20 MHz</p> <p>#Res BW 110 kHz #VBW 110 kHz Sweep 6.32 ms (601 pts)</p> <p>Copyright 2000-2005 Agilent Technologies</p>				

8 Conducted Spurious Emission Test

8.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

8.2. Test Instruments

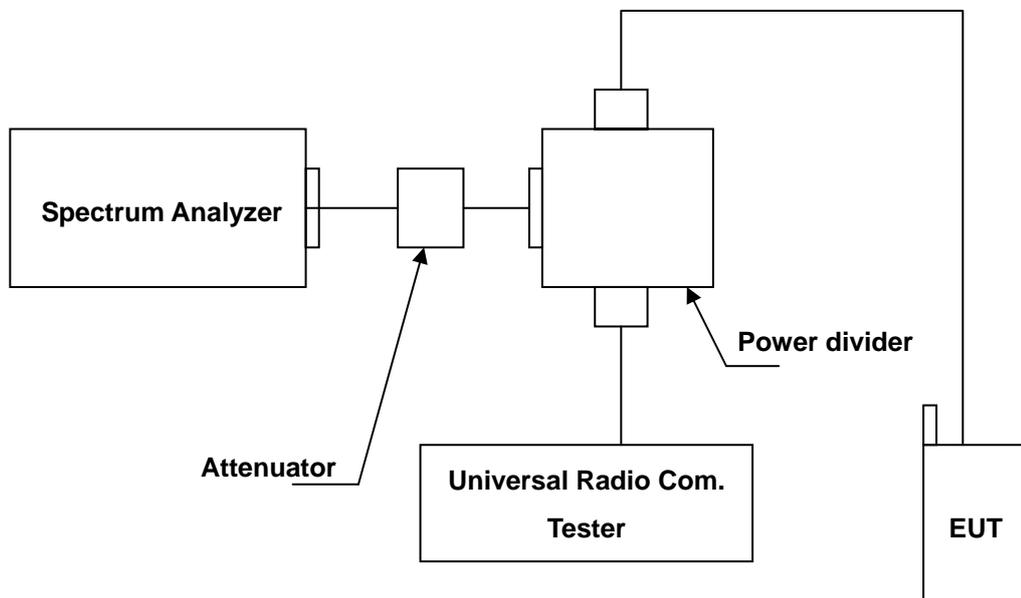
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/10/2014	(1)
Wideband Radio Communication Test	R & S	CMW500	103168	11/05/2013	(1)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

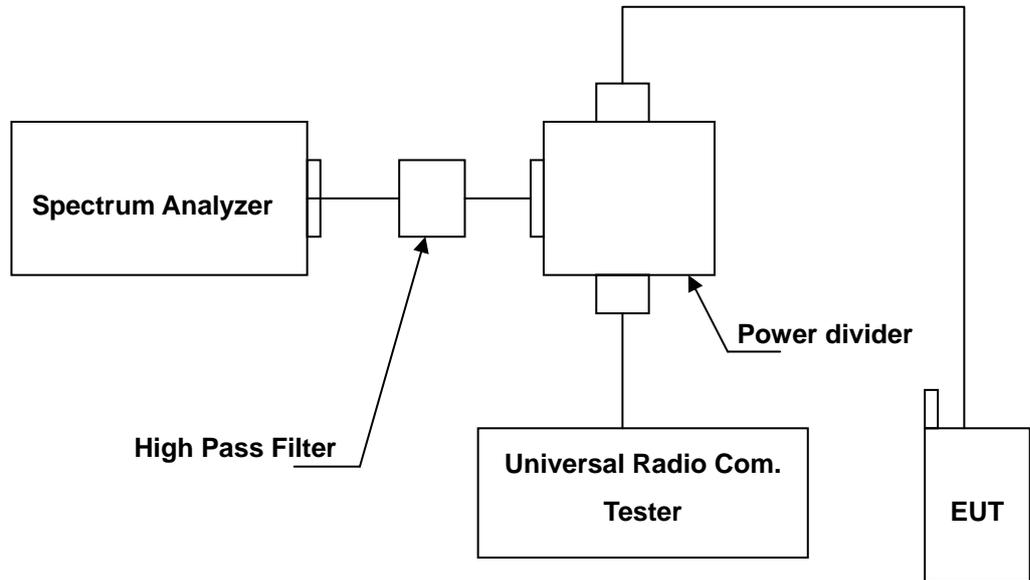
Note: N.C.R. = No Calibration Request.

8.3. Setup

Below 2.8GHz



Above 2.8GHz



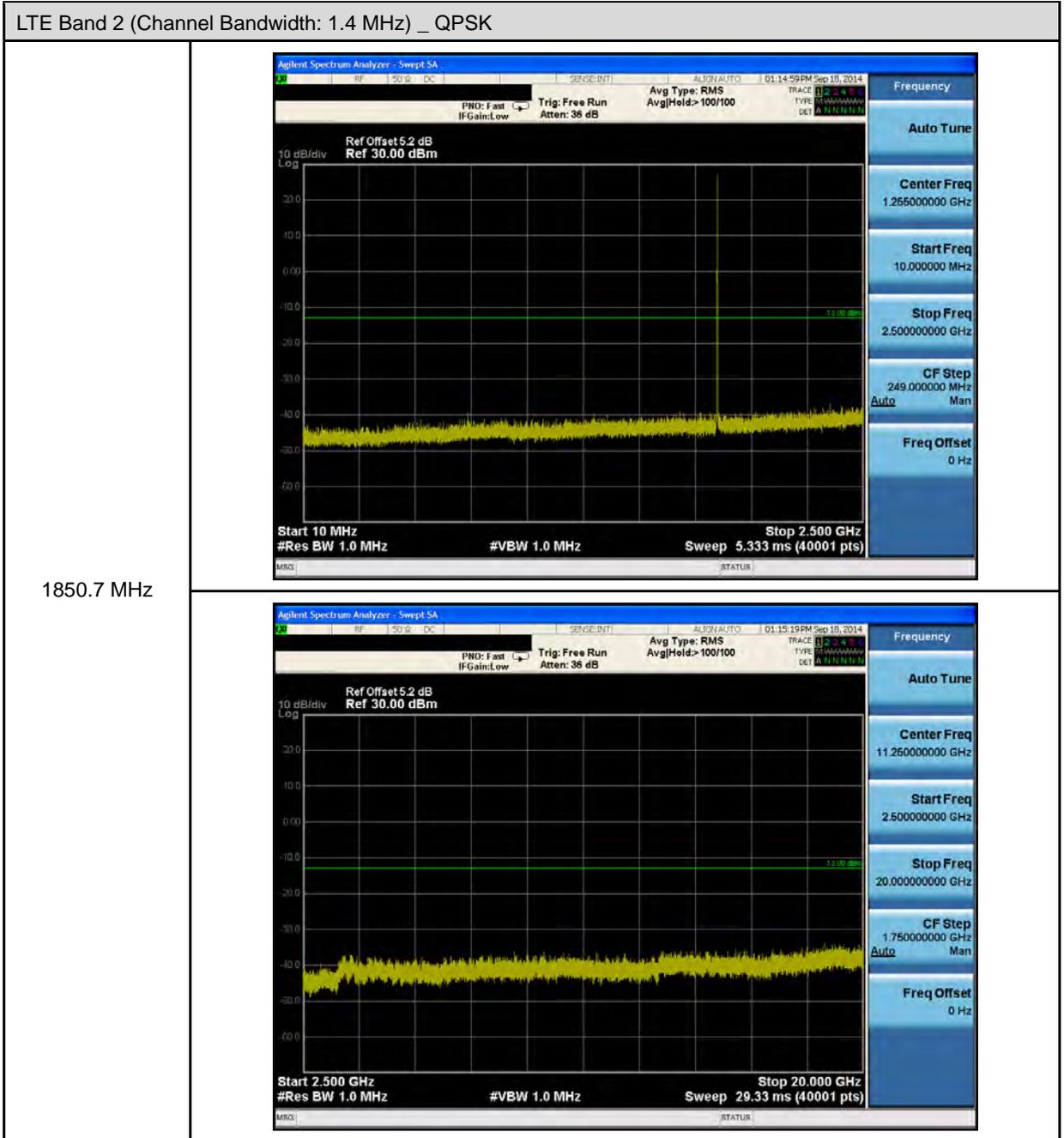
8.4. Test Procedure

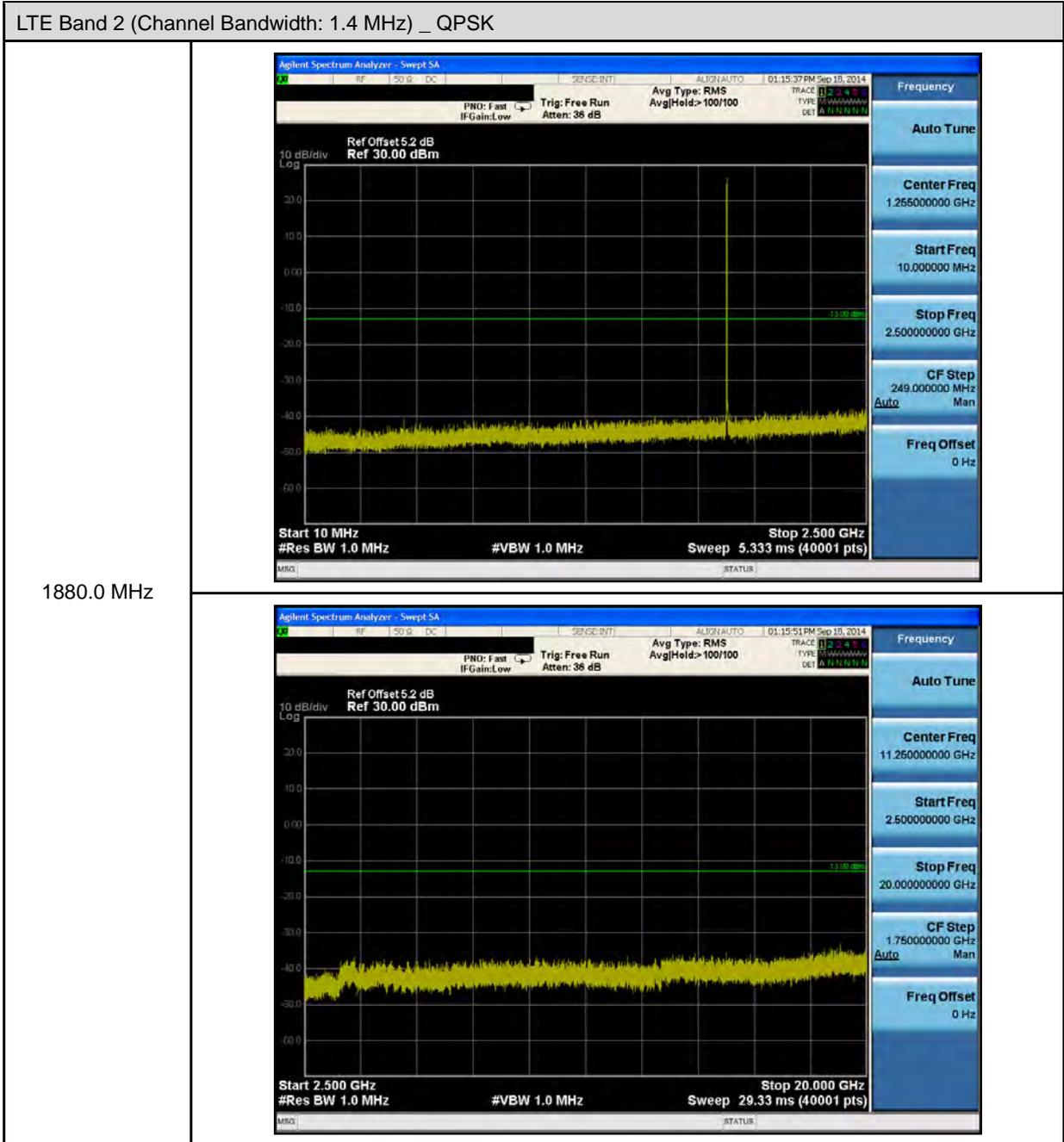
- The EUT was set up for the maximum peak power with LTE / WCDMA link data modulation. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range.).
- The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- When the spectrum scanned from 30MHz to 3GHz, it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.
- When the spectrum scanned from 3GHz to 20GHz, it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

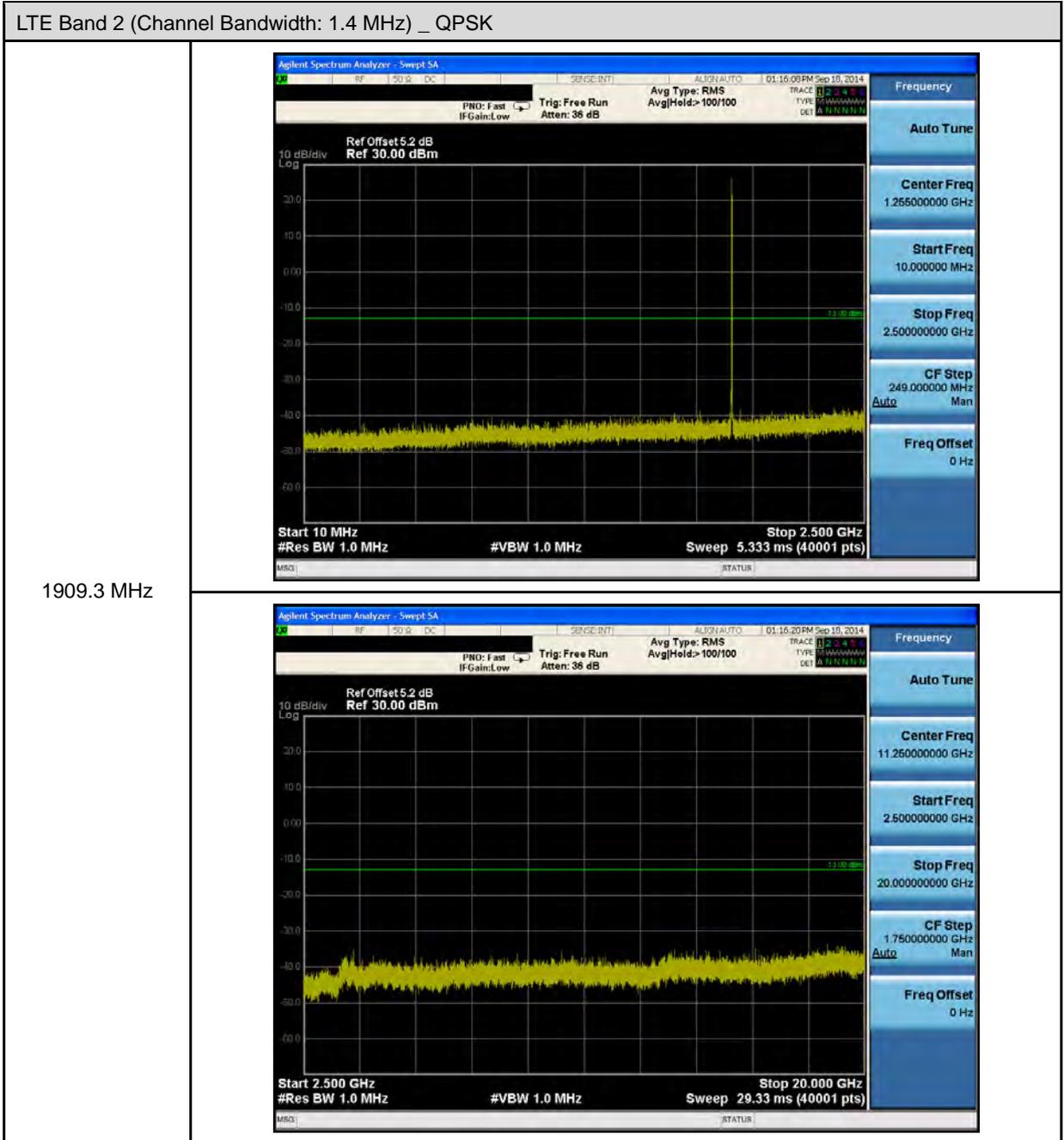
8.5. Uncertainty

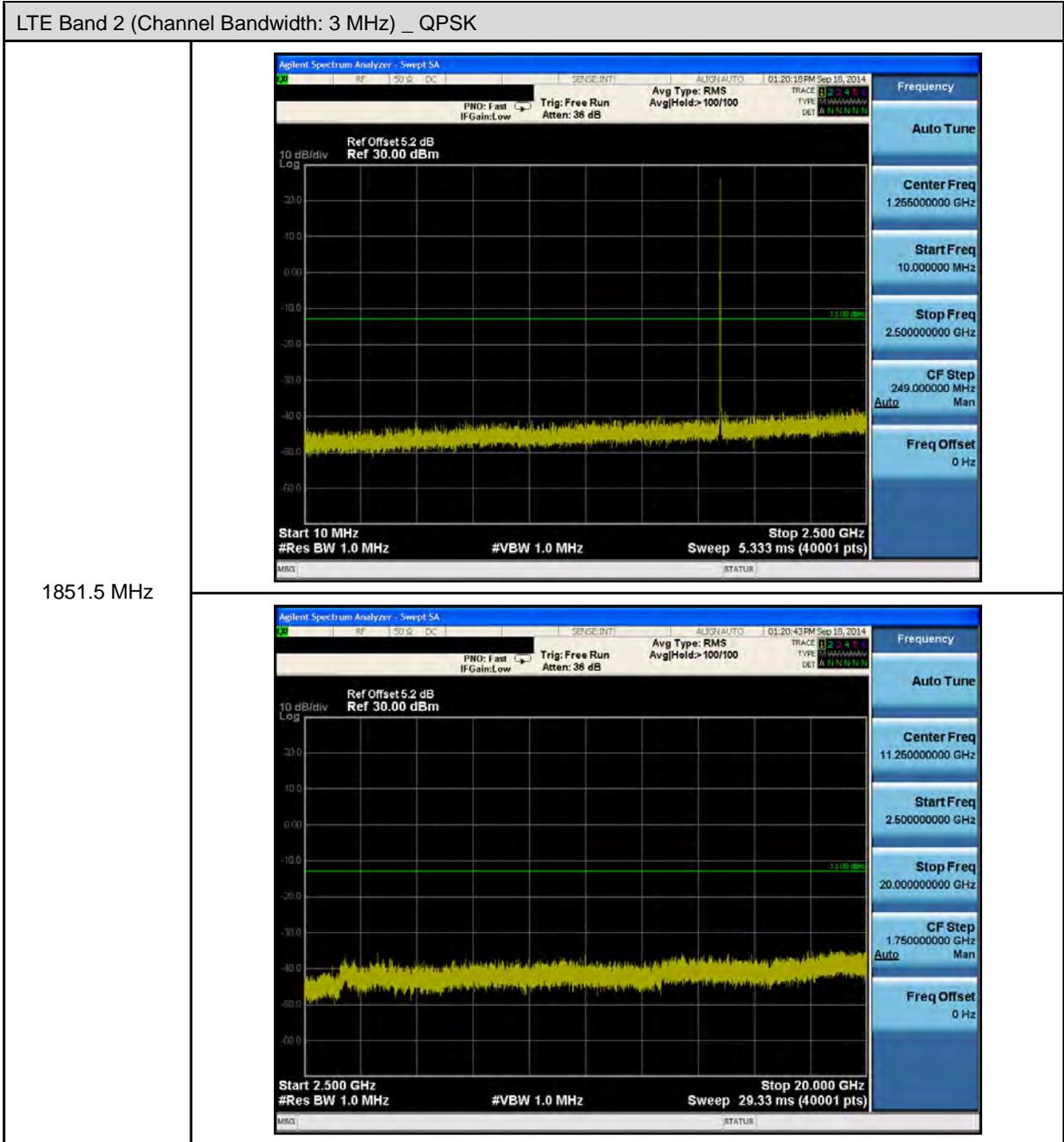
The measurement uncertainty is evaluated as ± 2.24 dB.

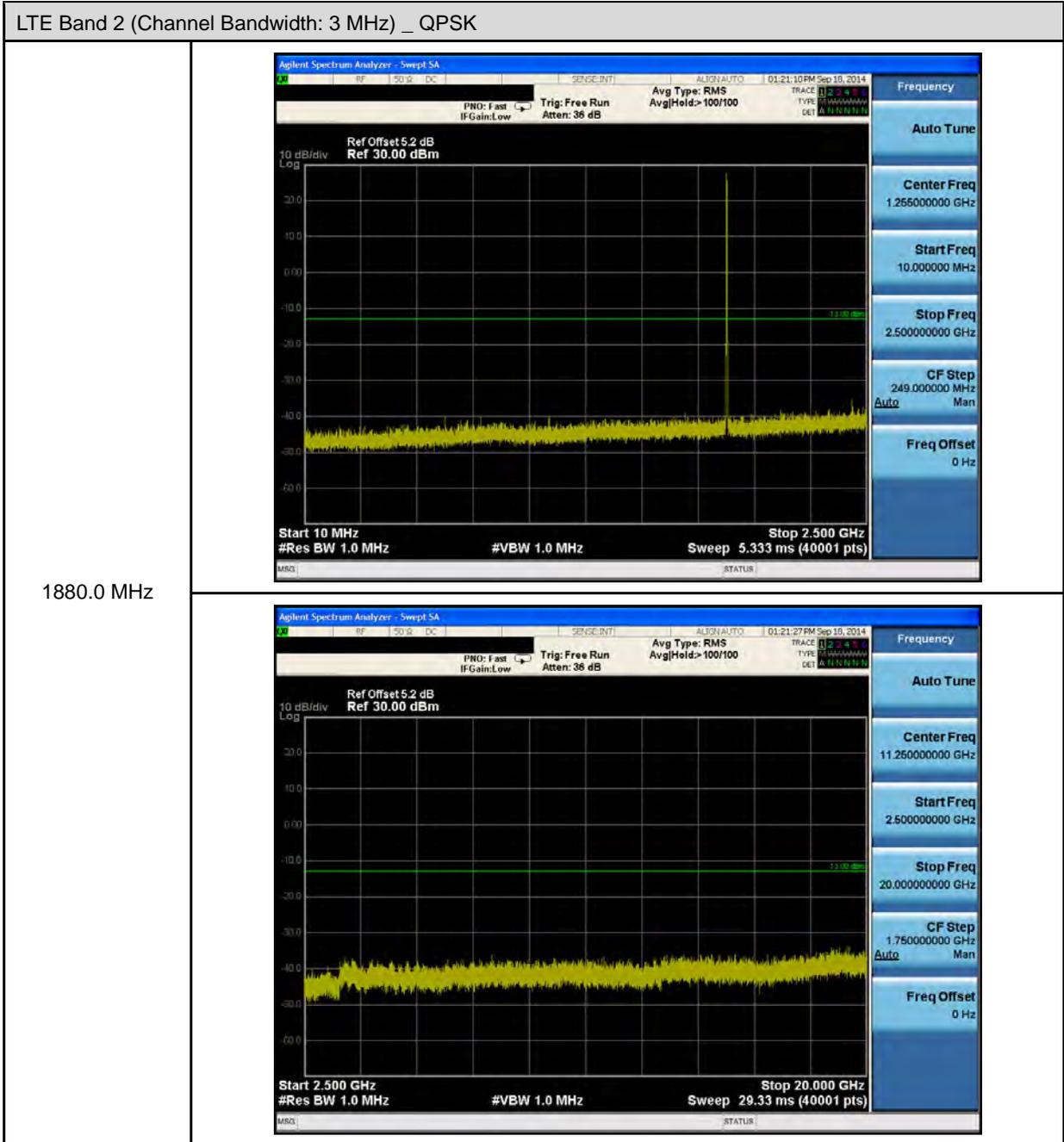
8.6. Test Graphs

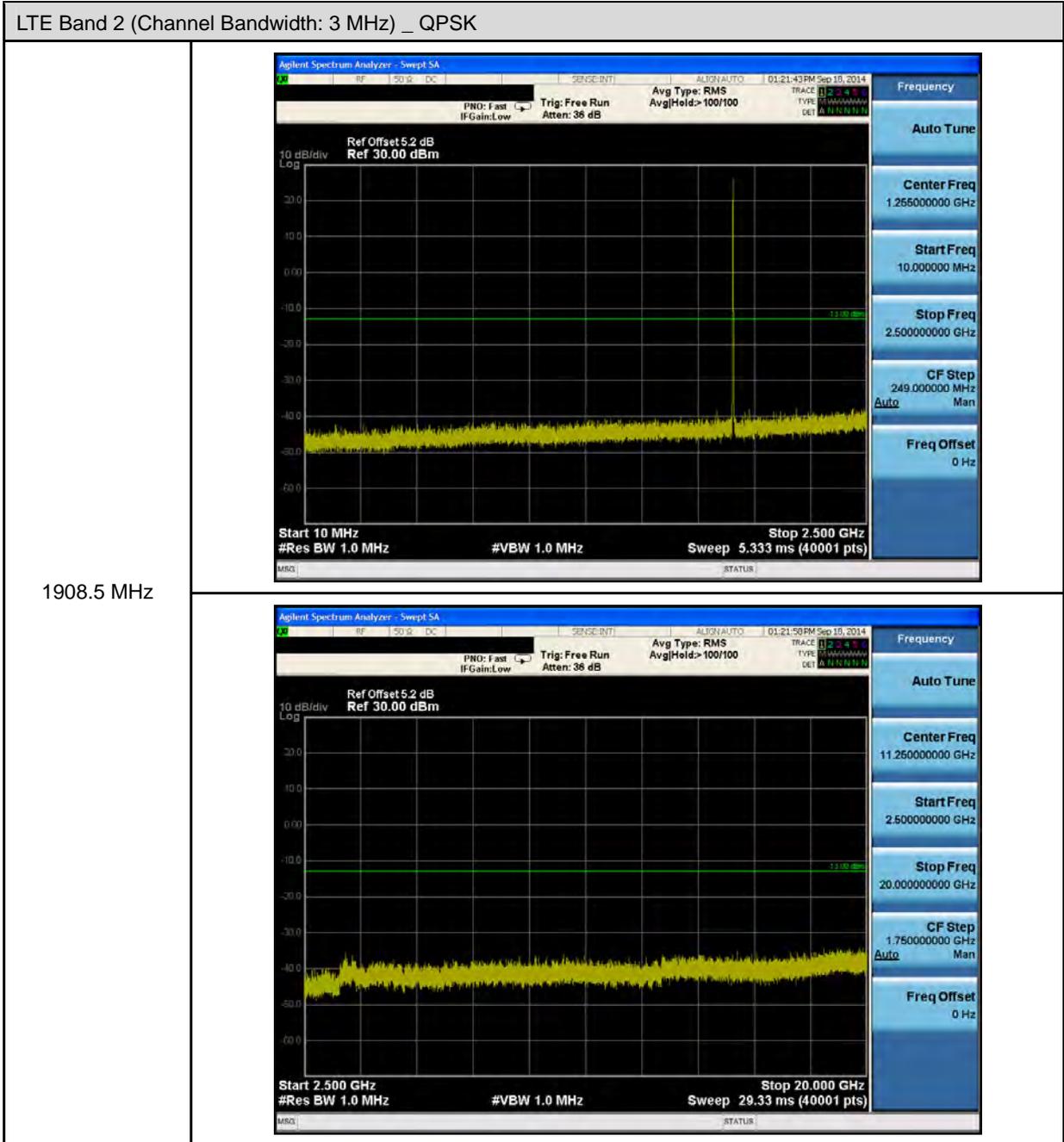


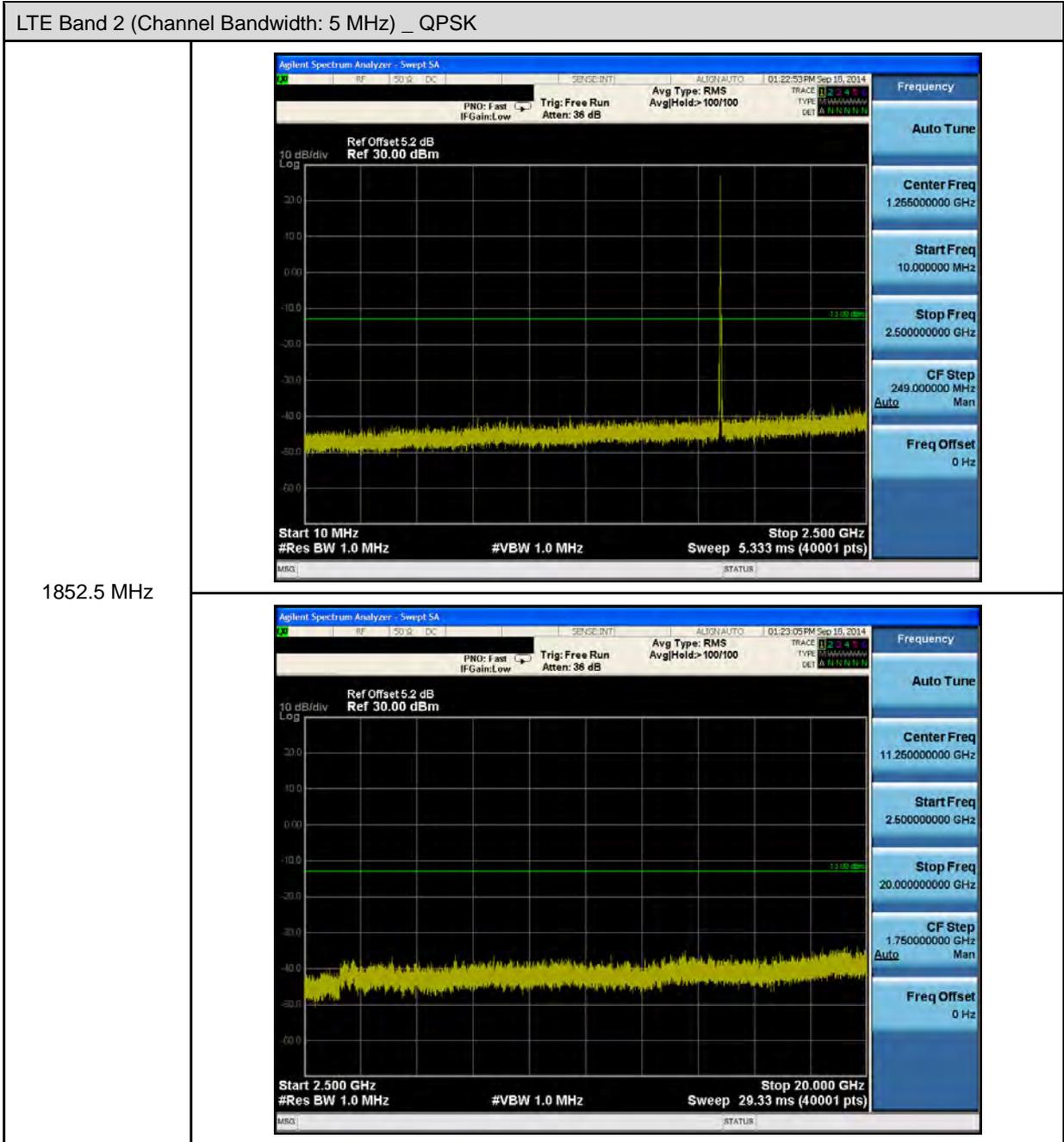


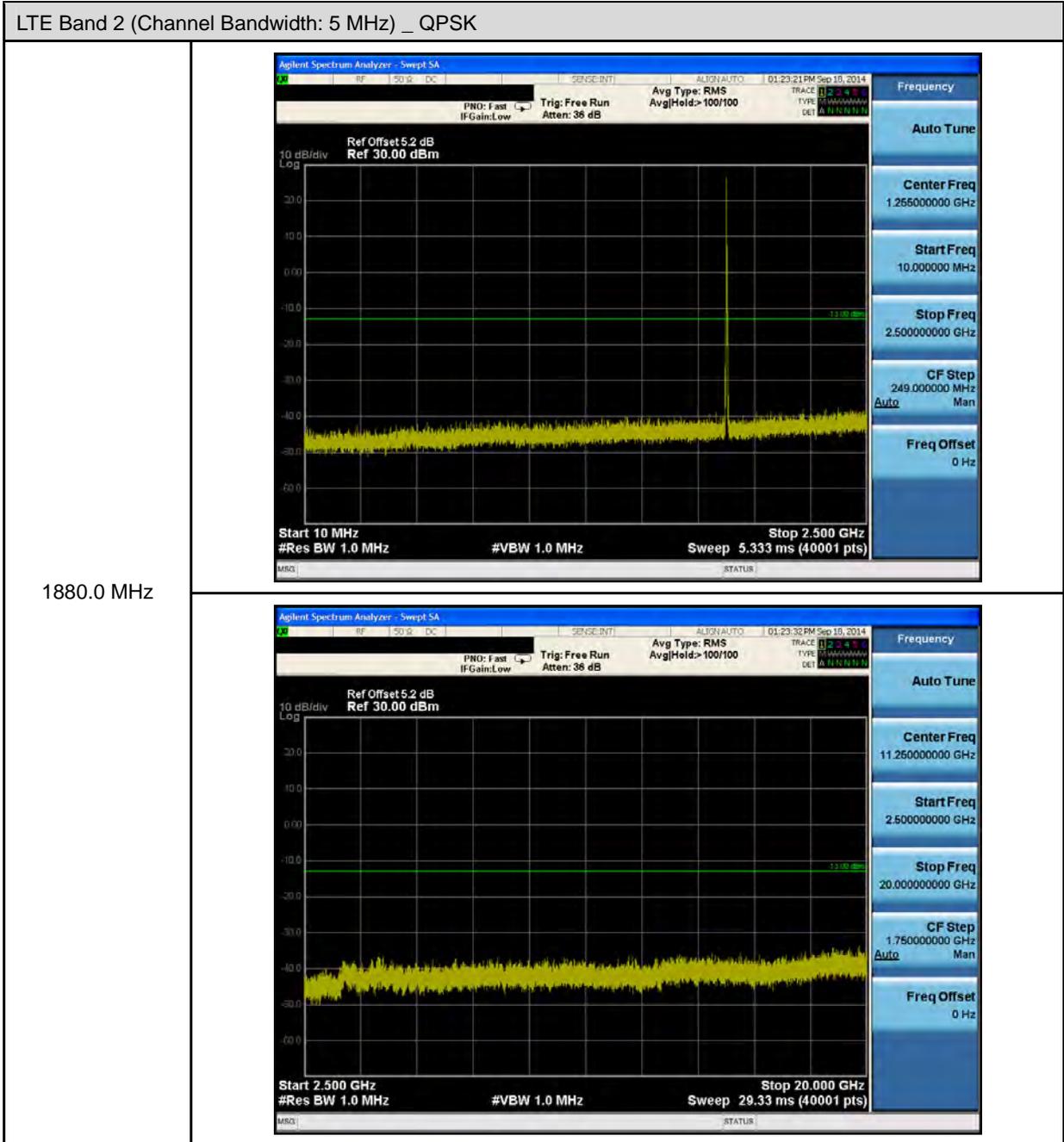


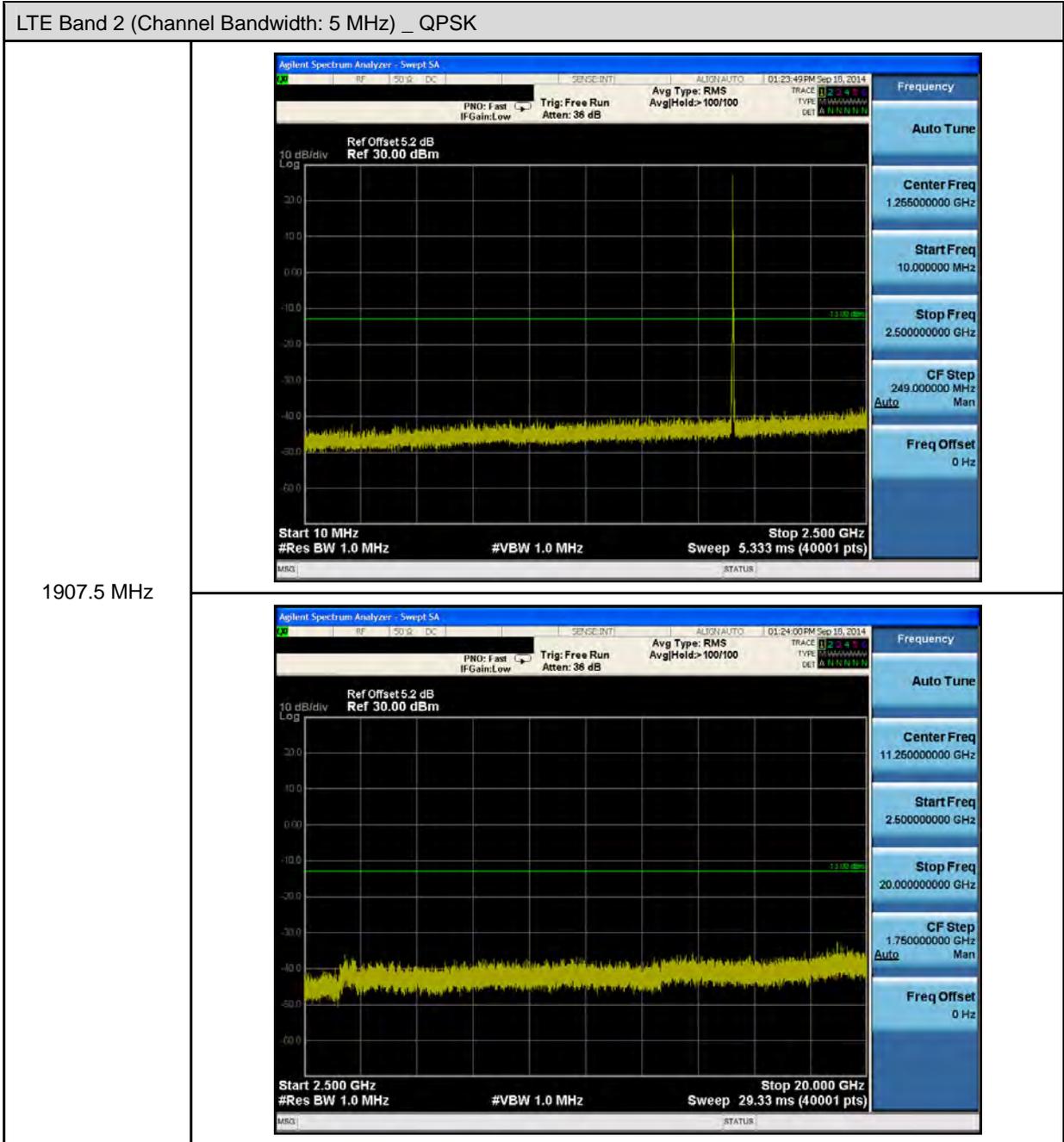


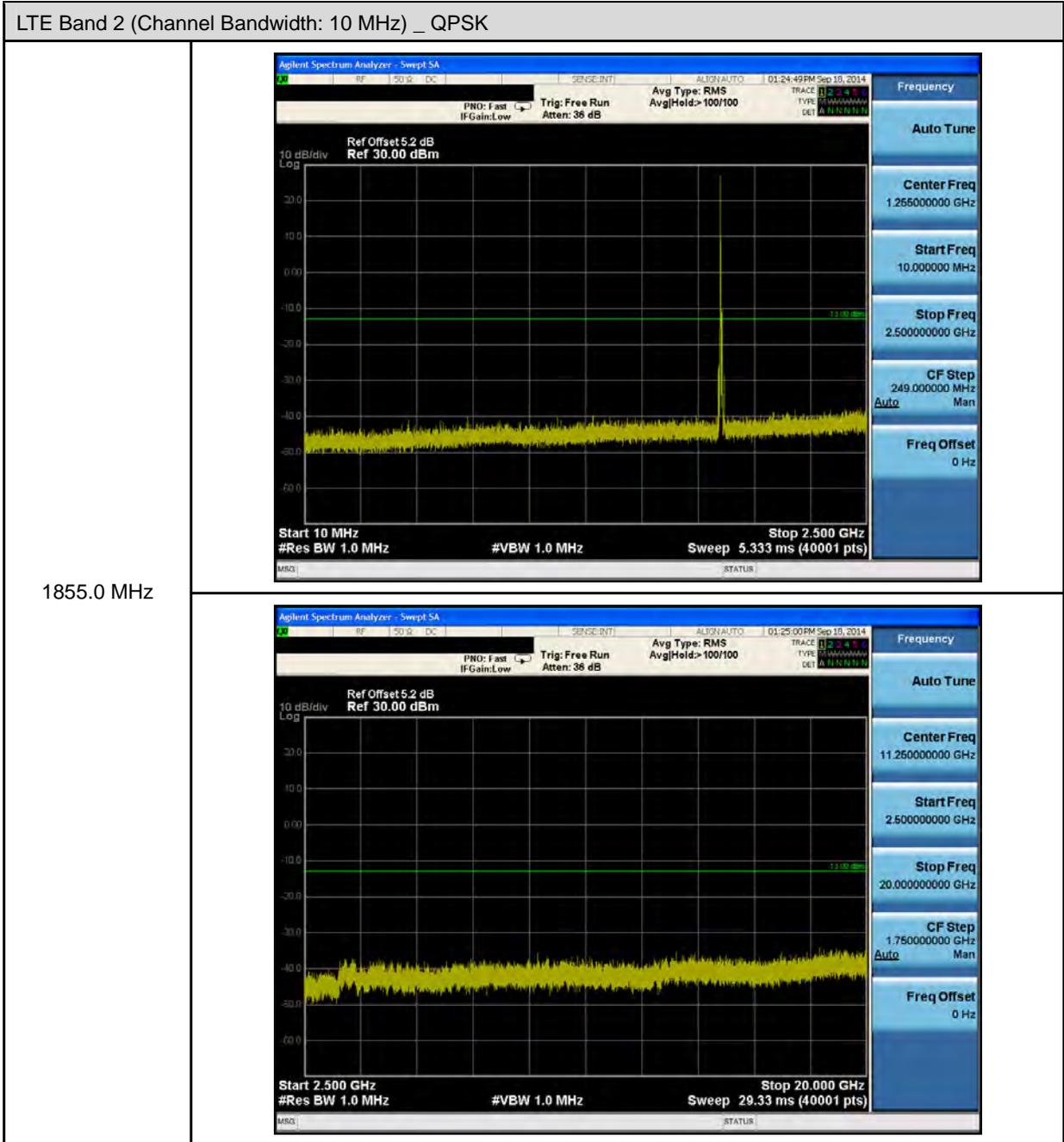


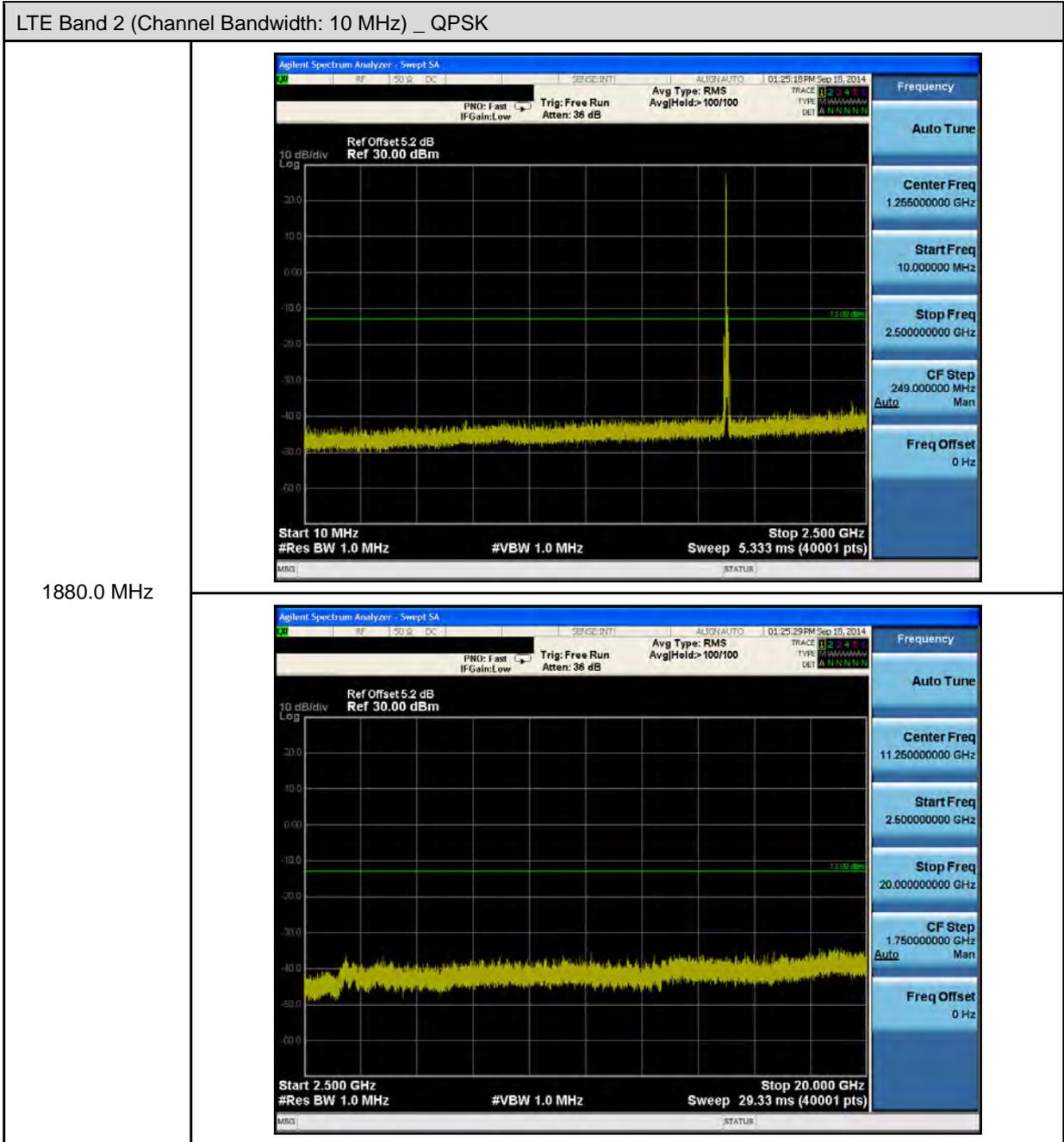


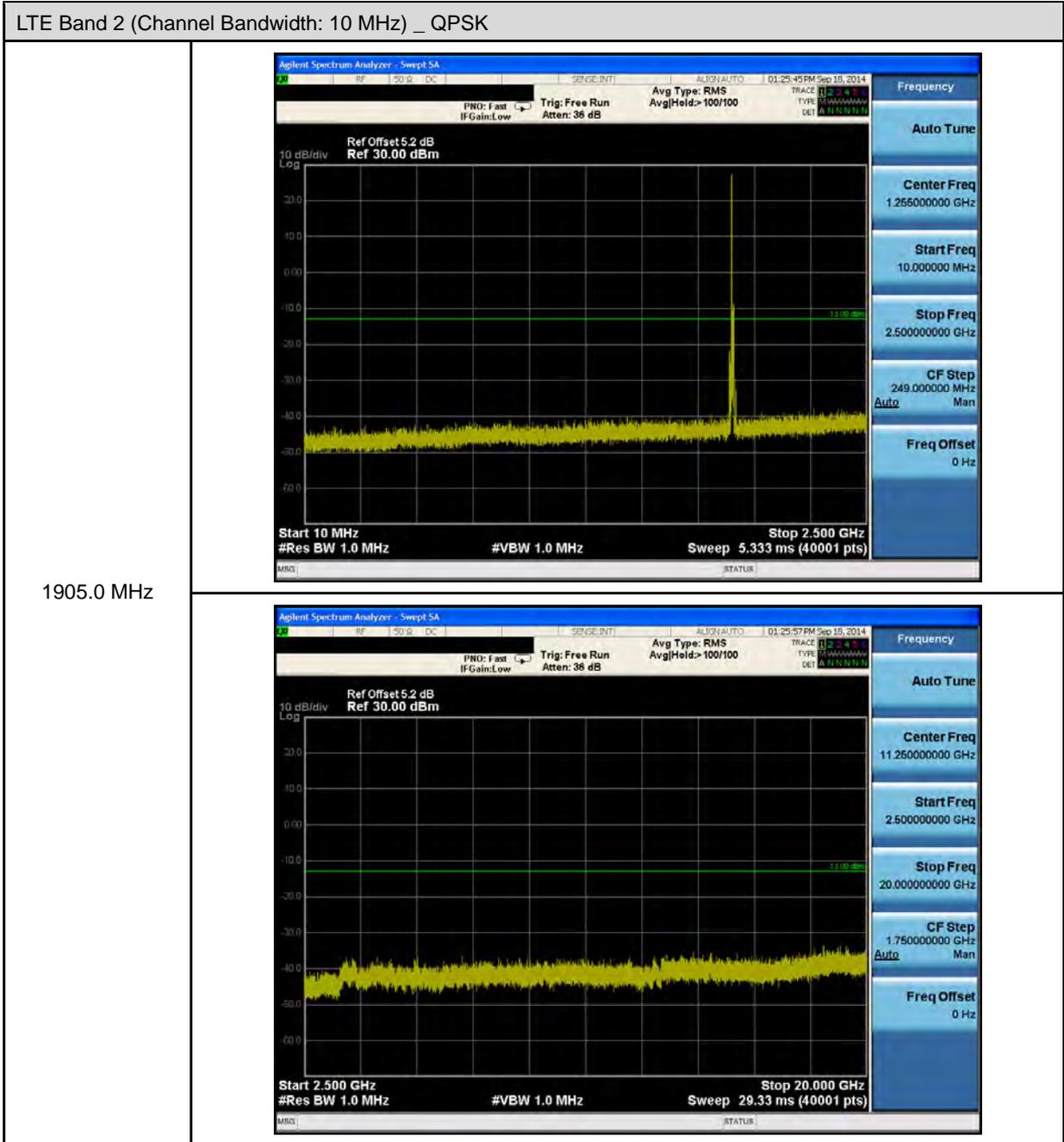


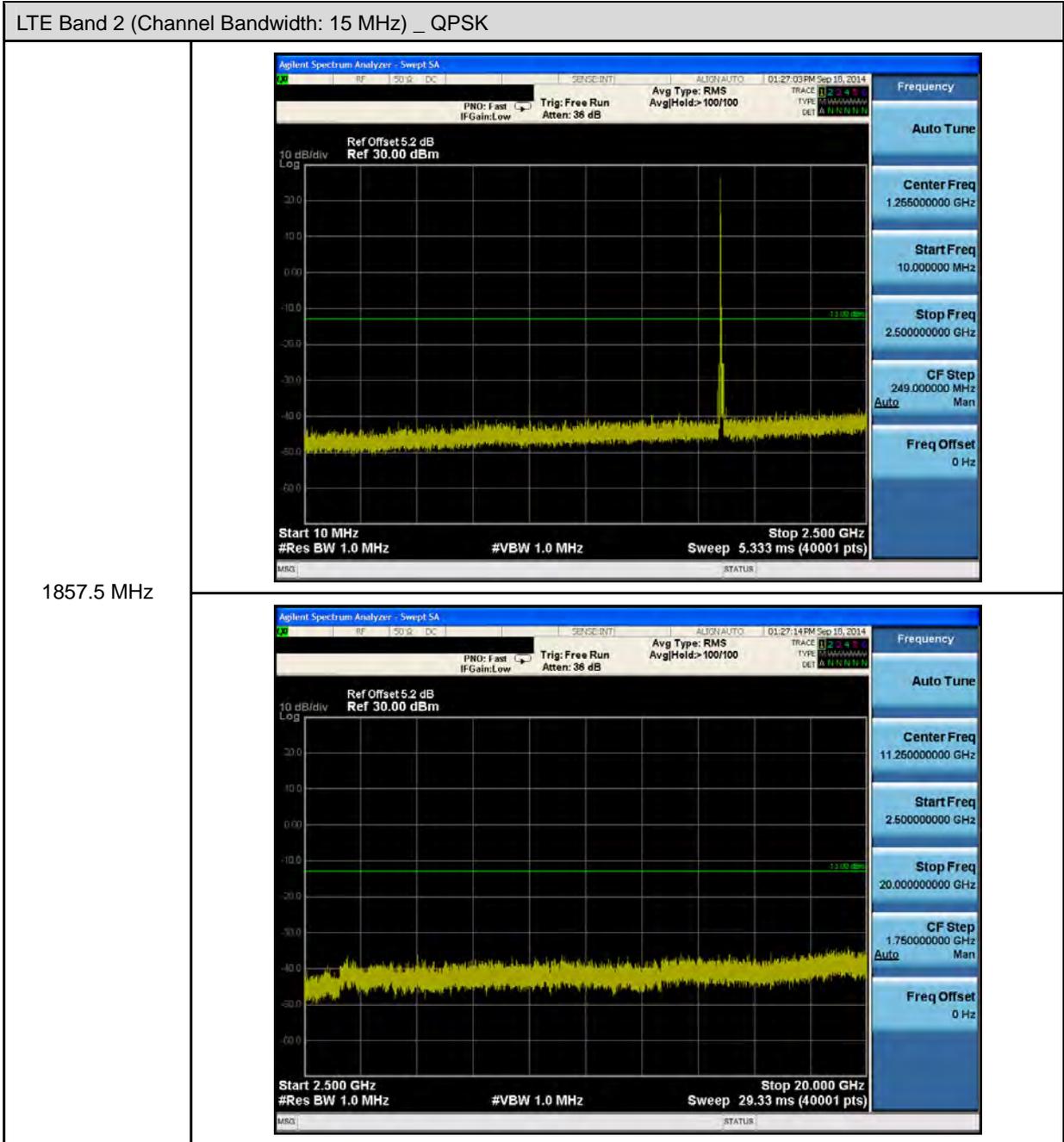


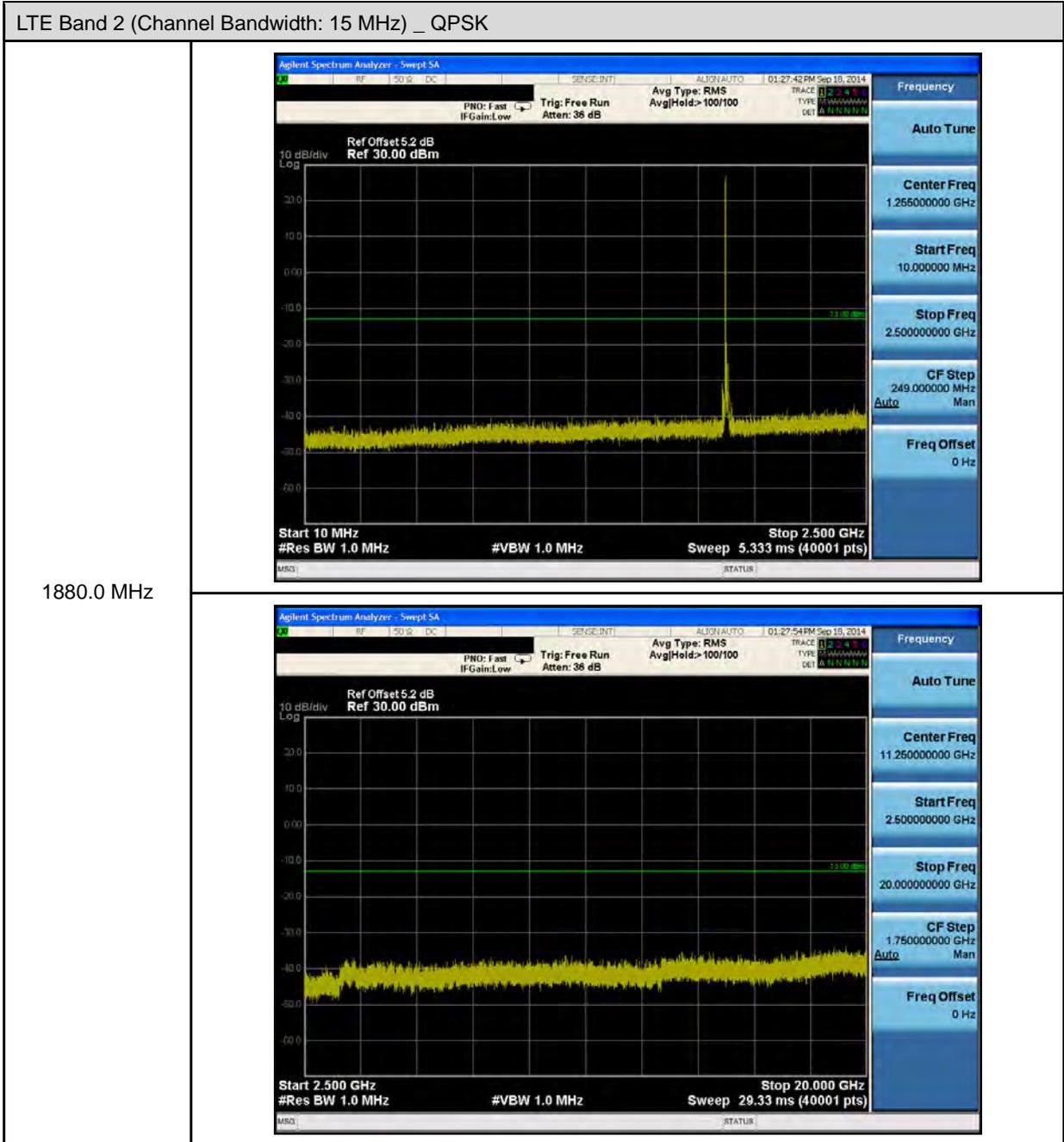


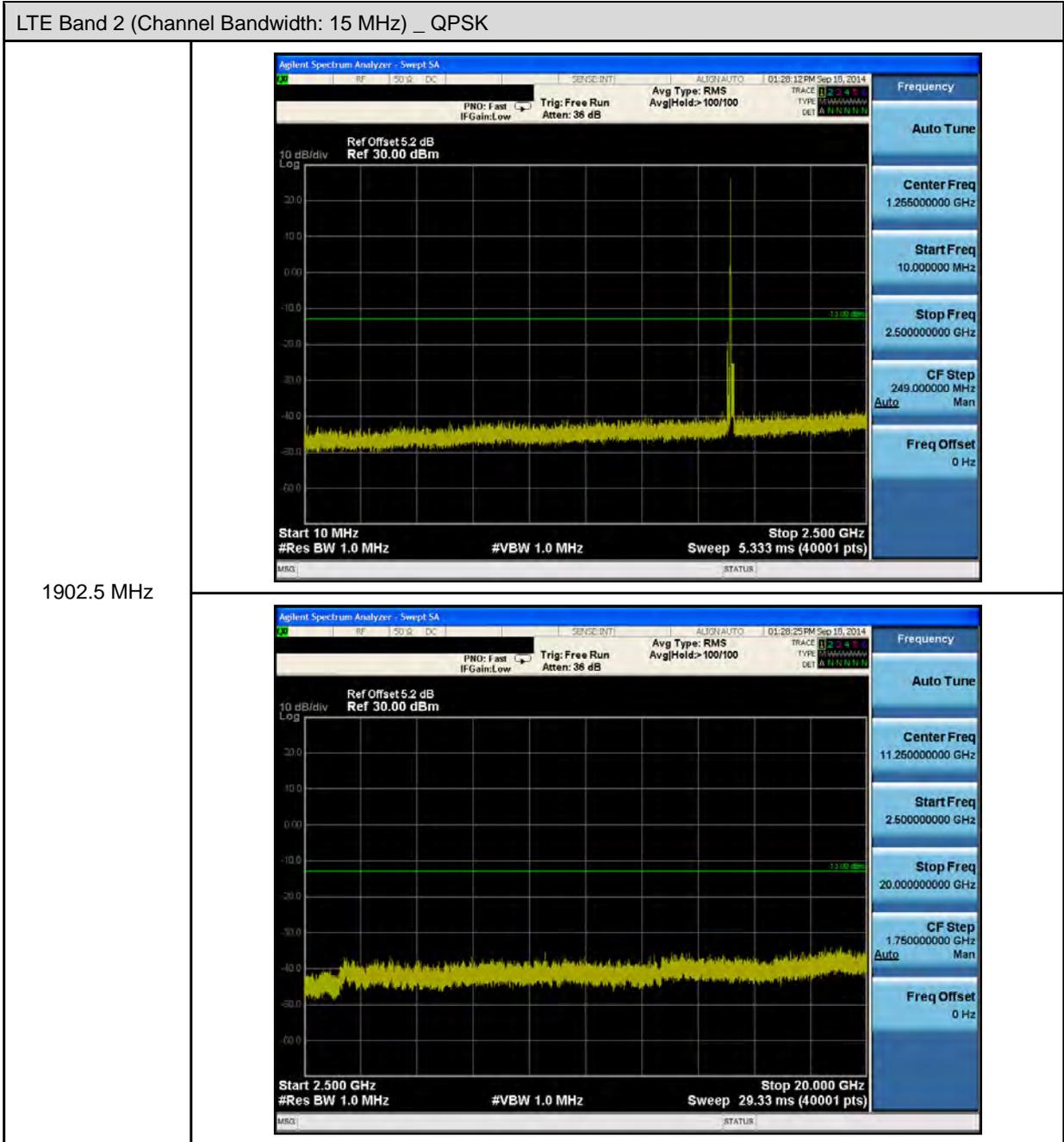


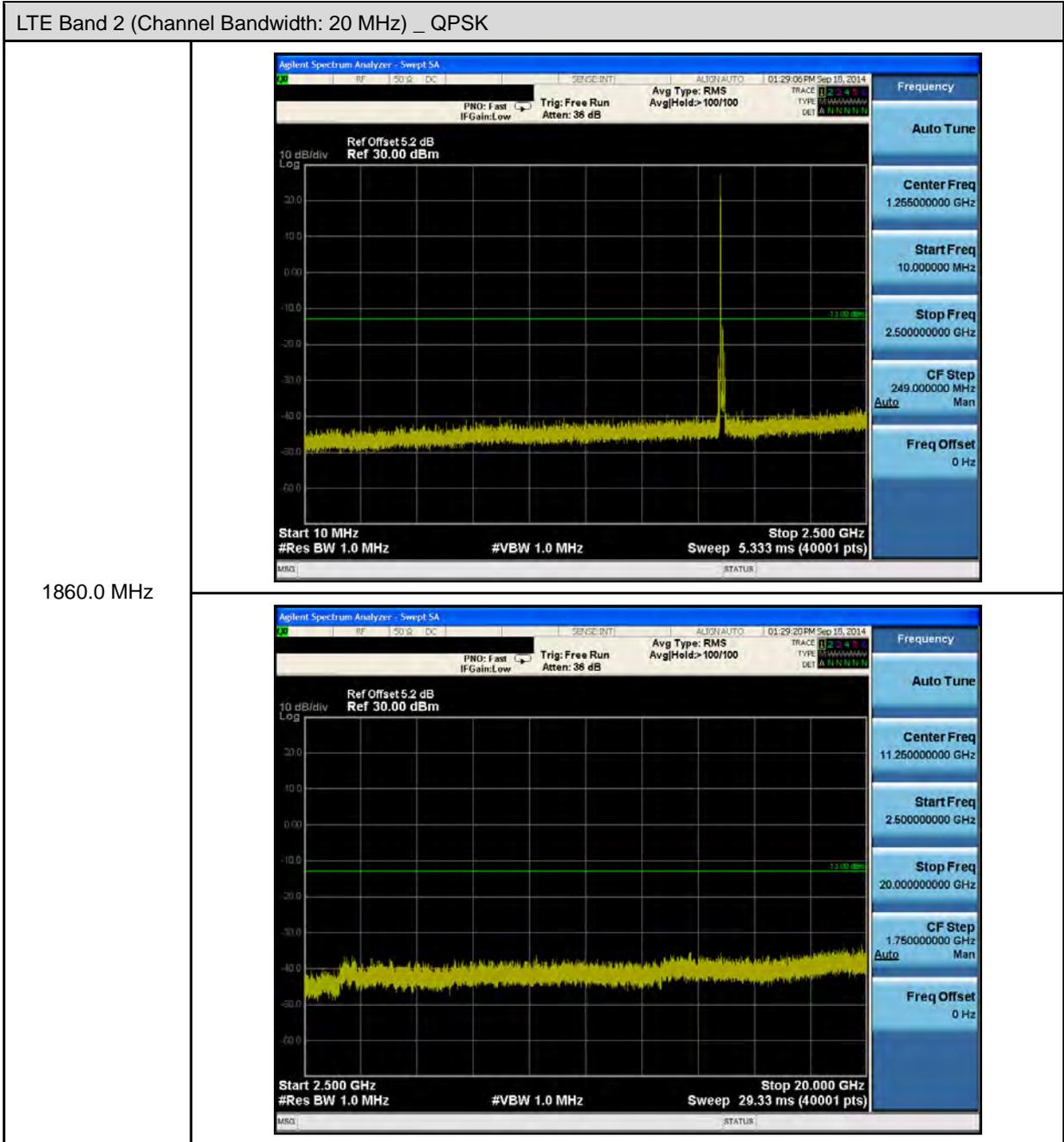


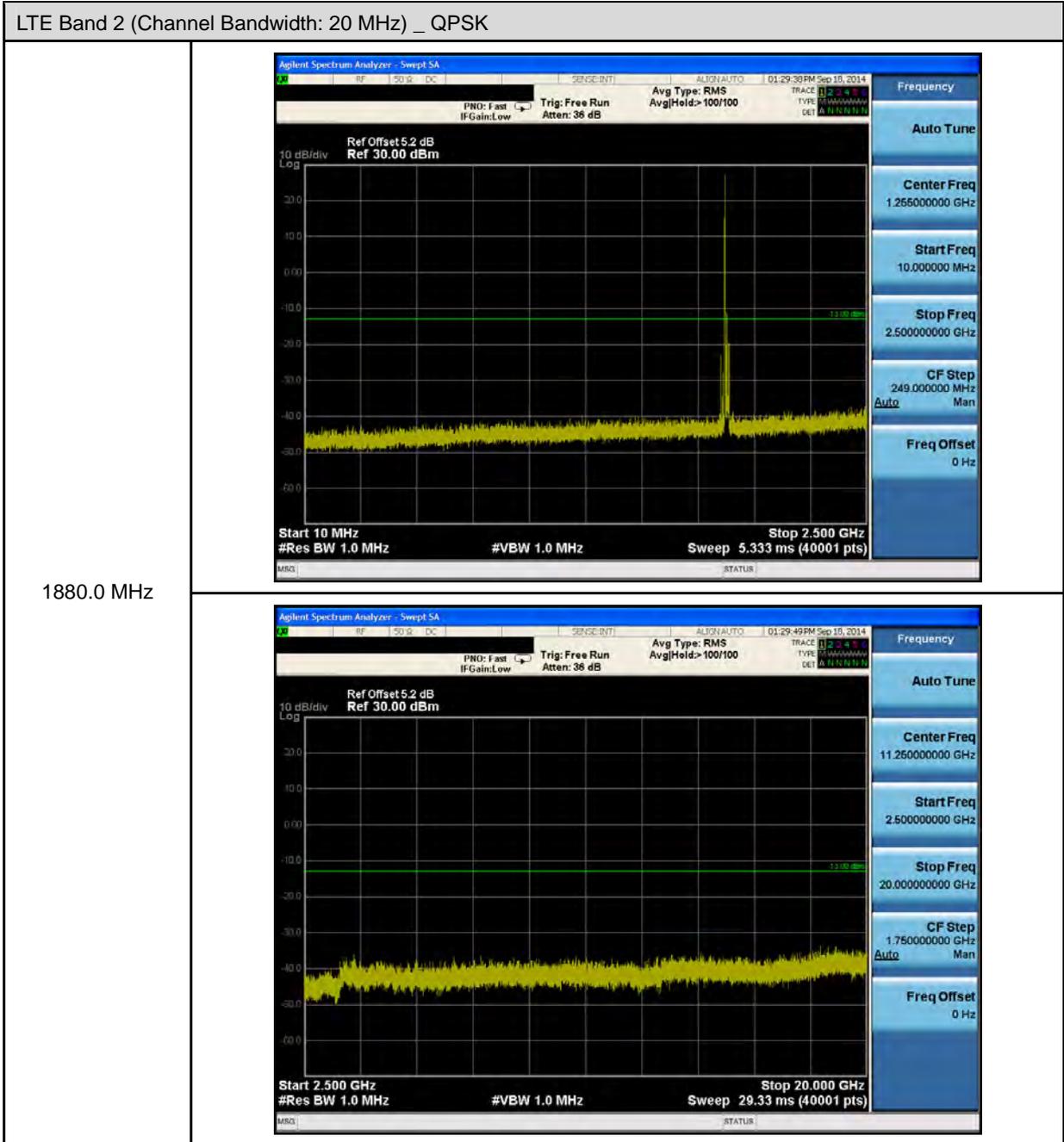


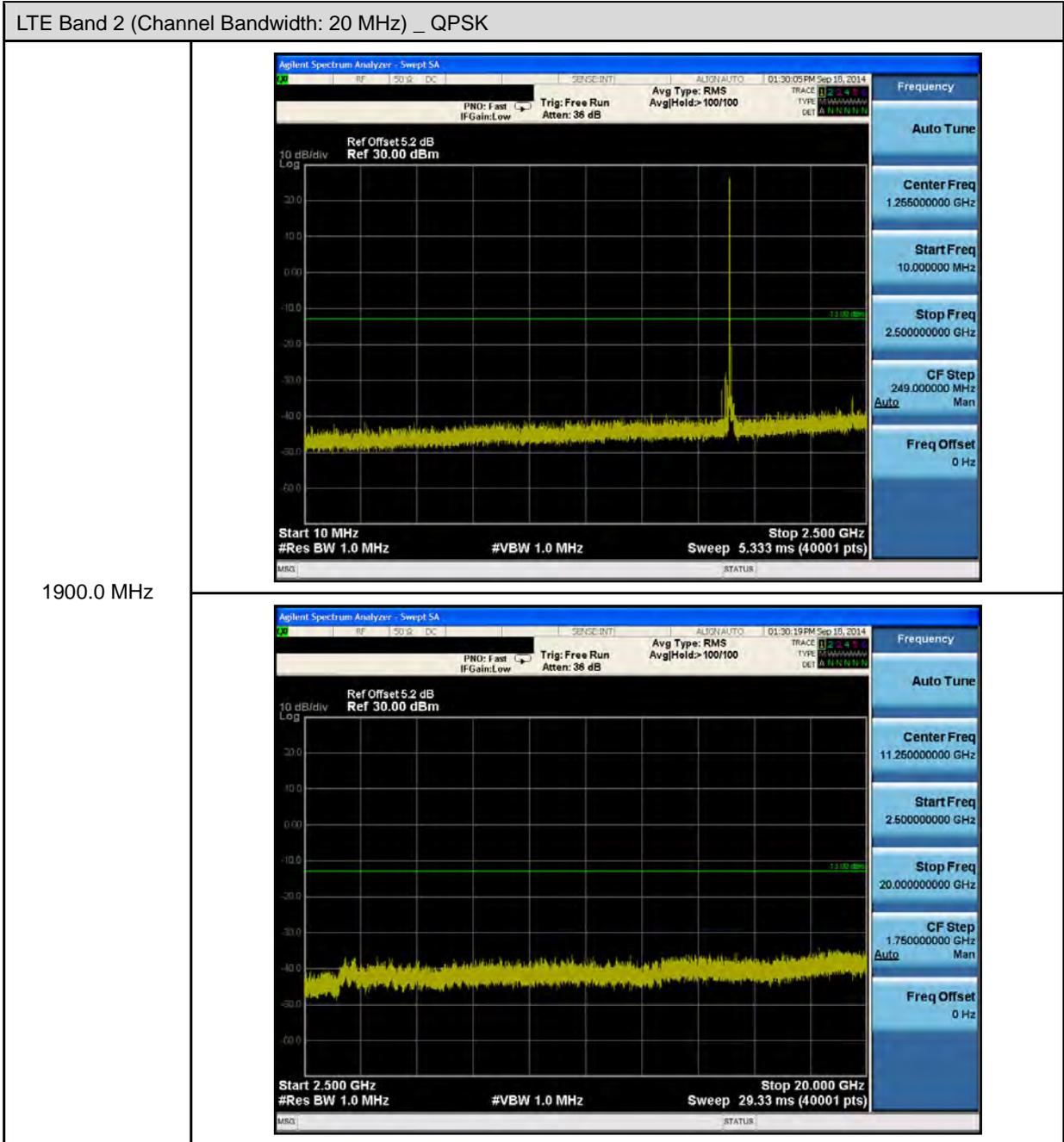


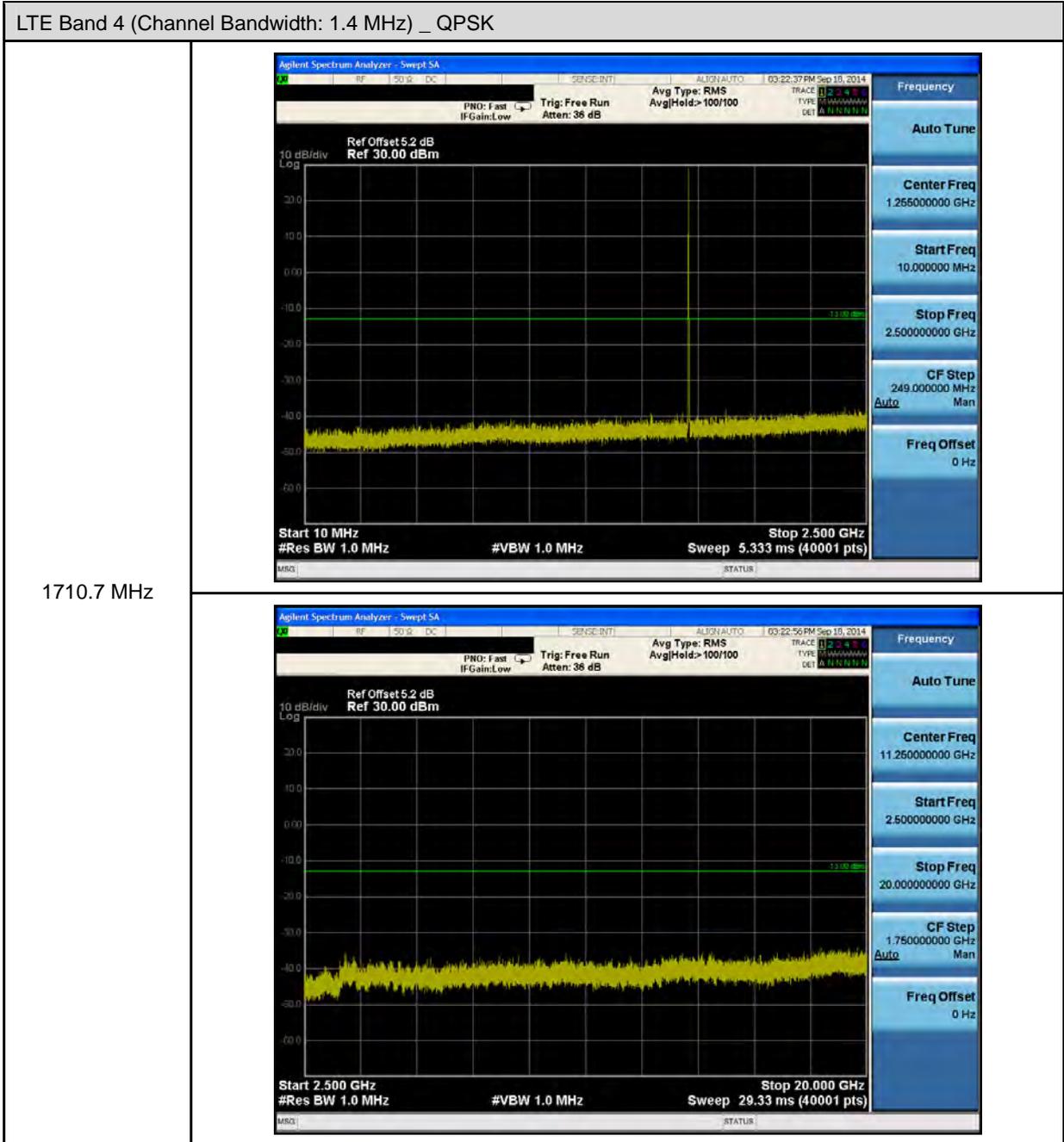


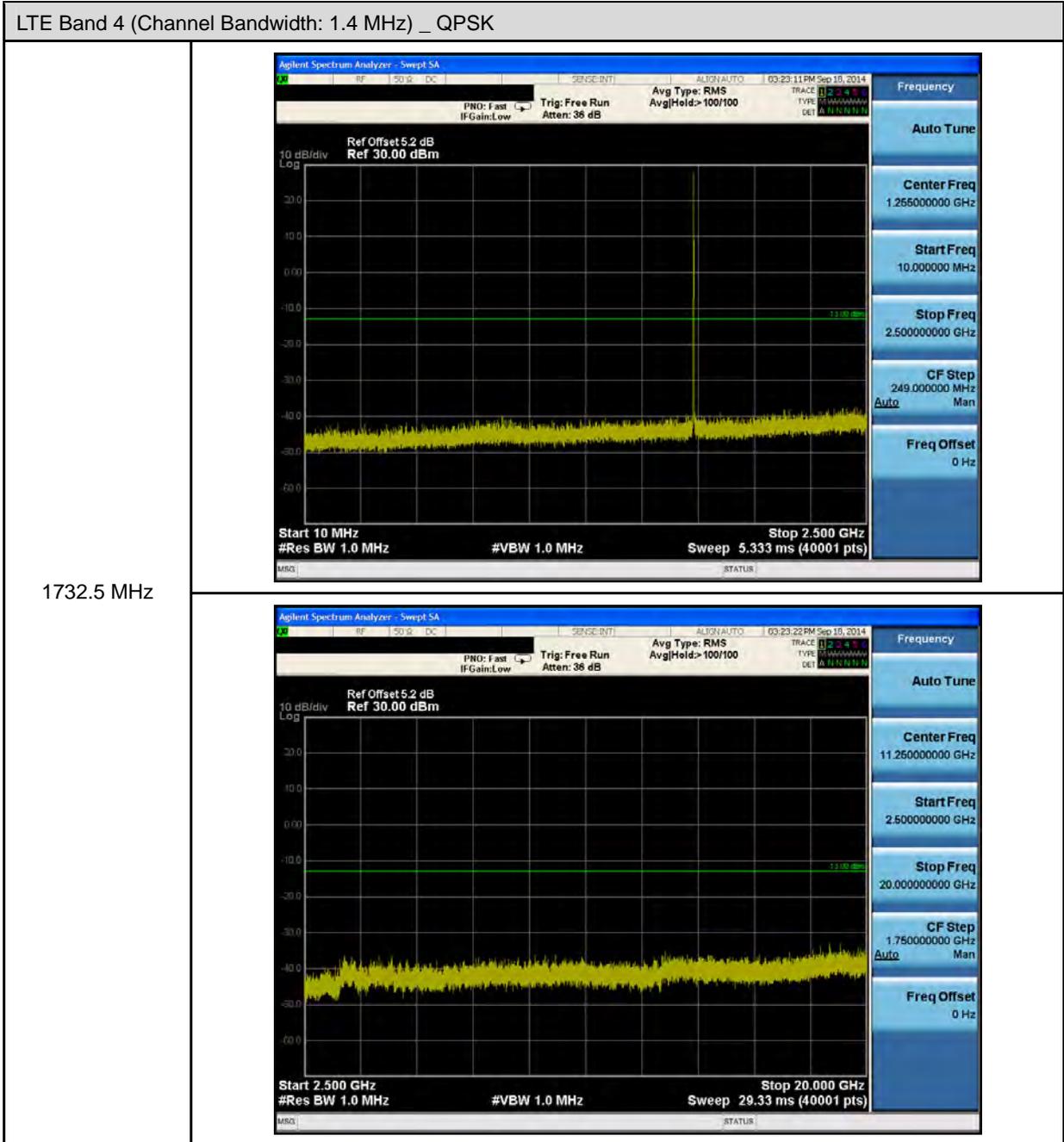


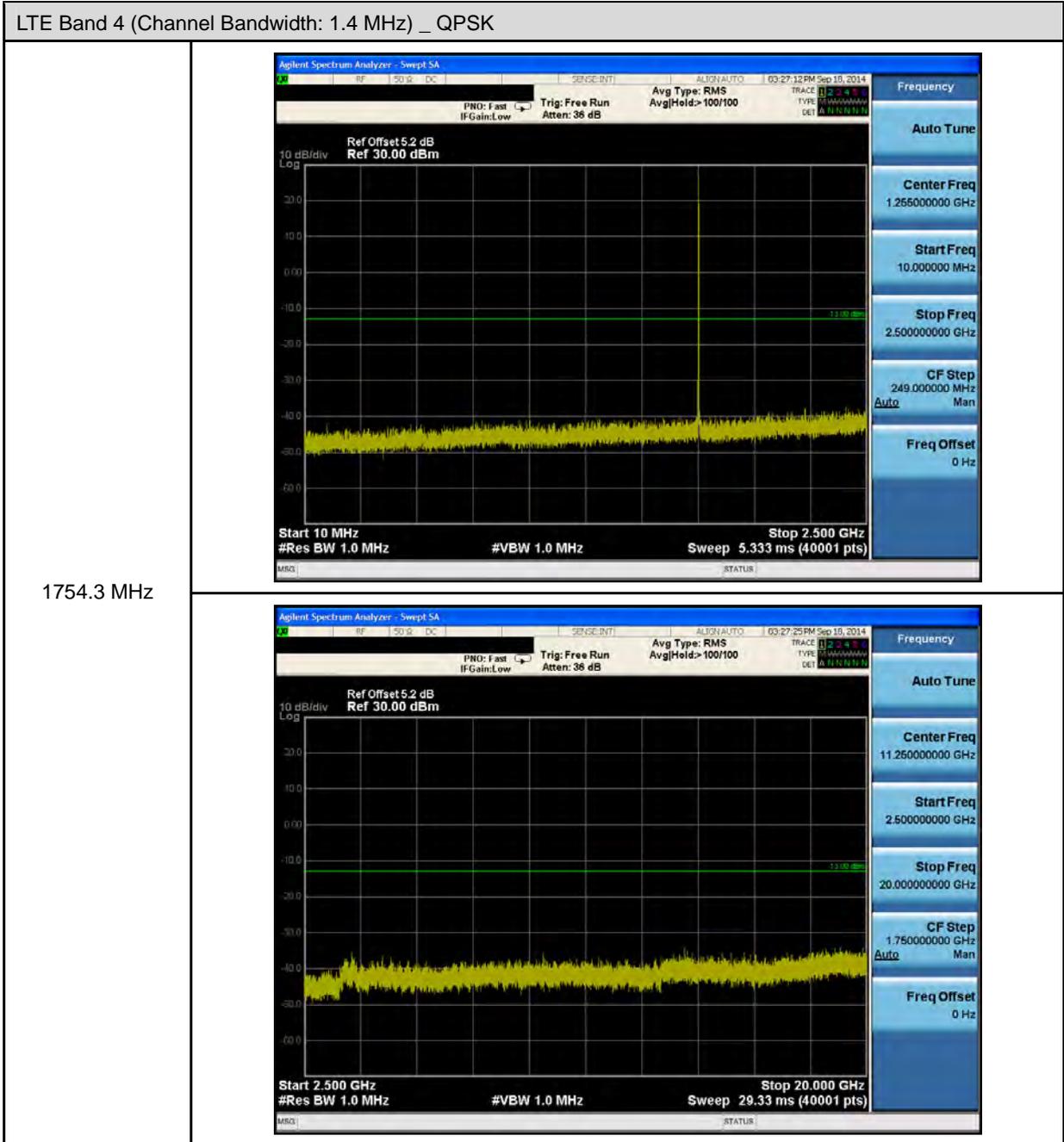


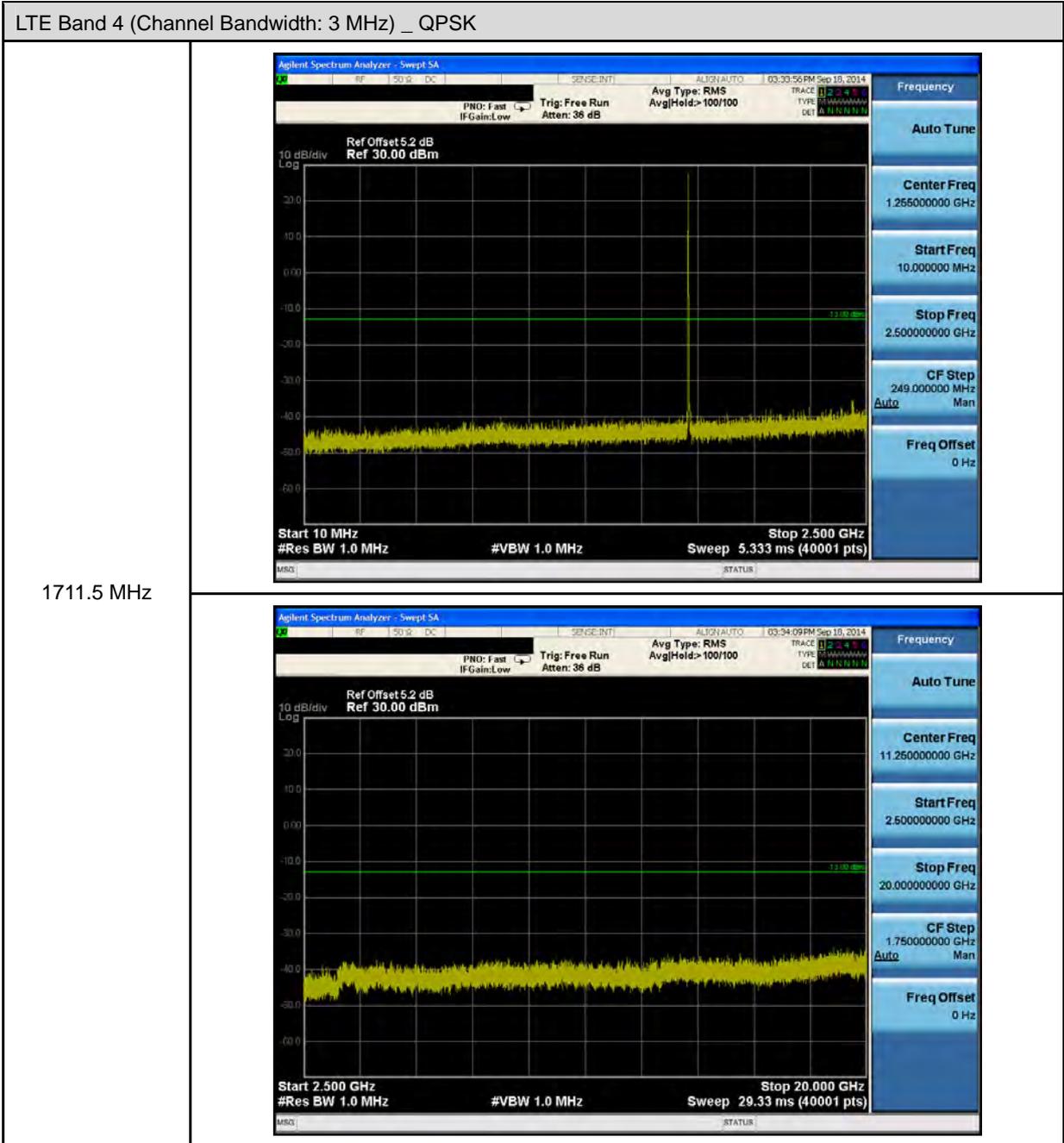


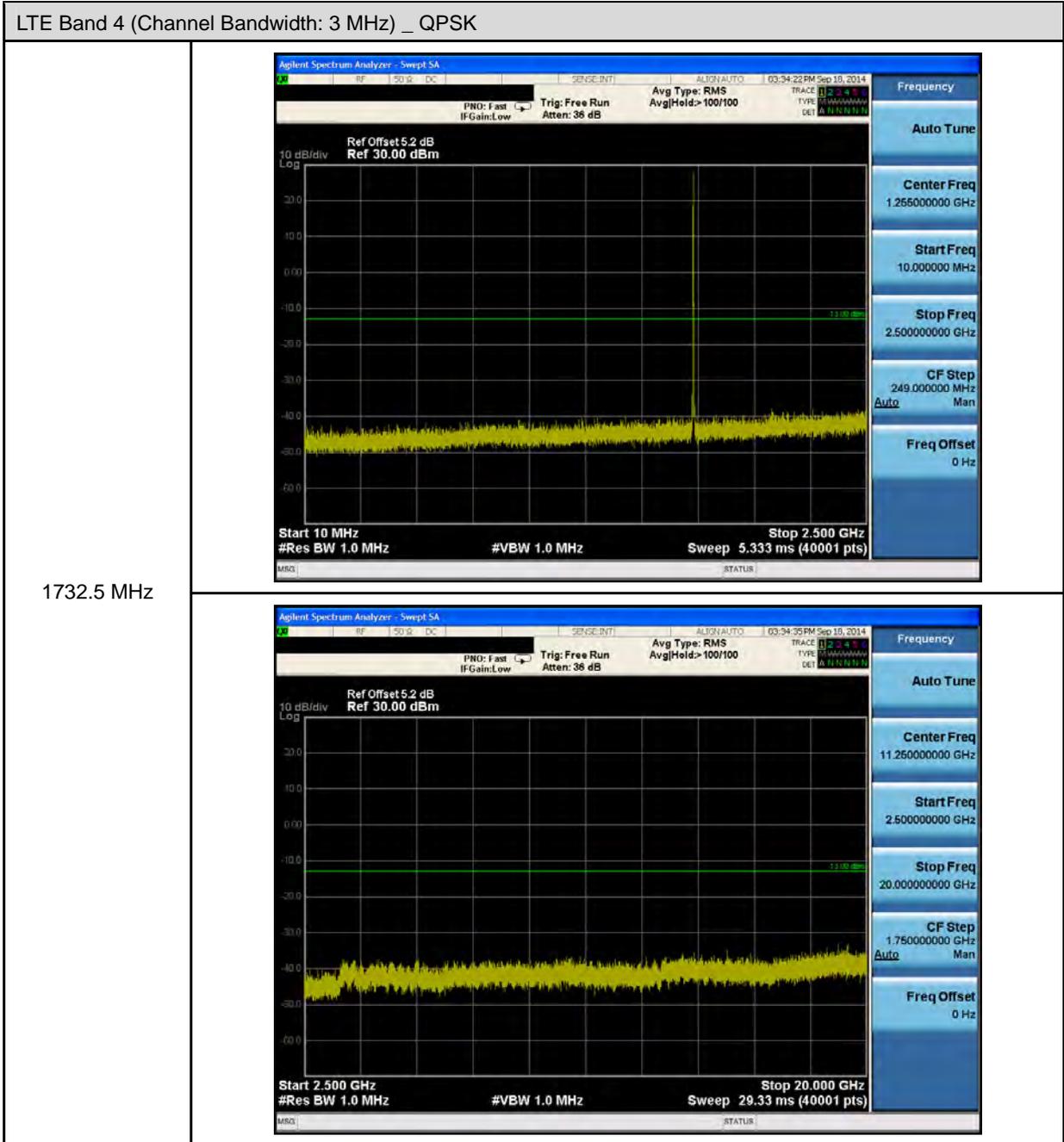


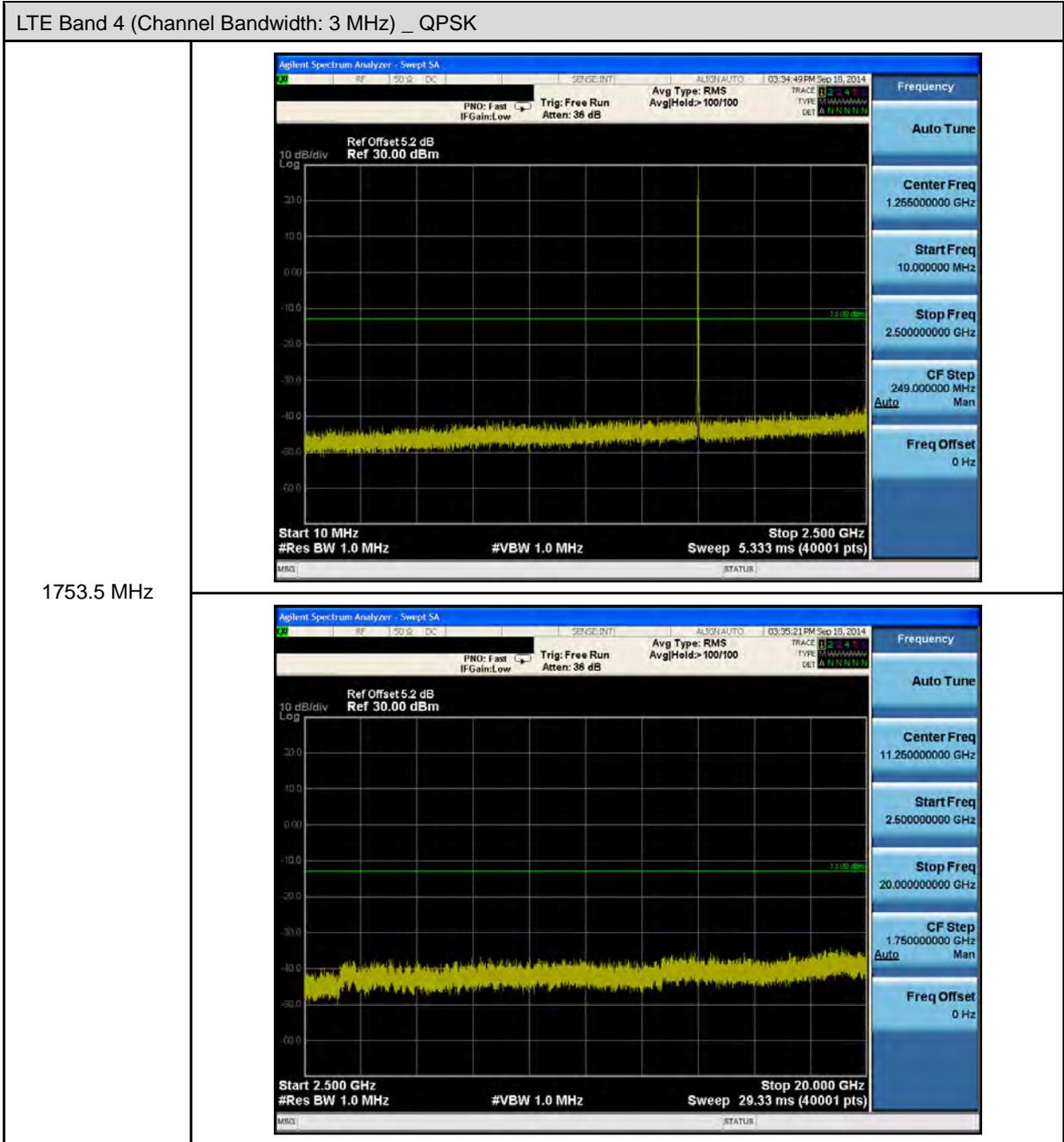


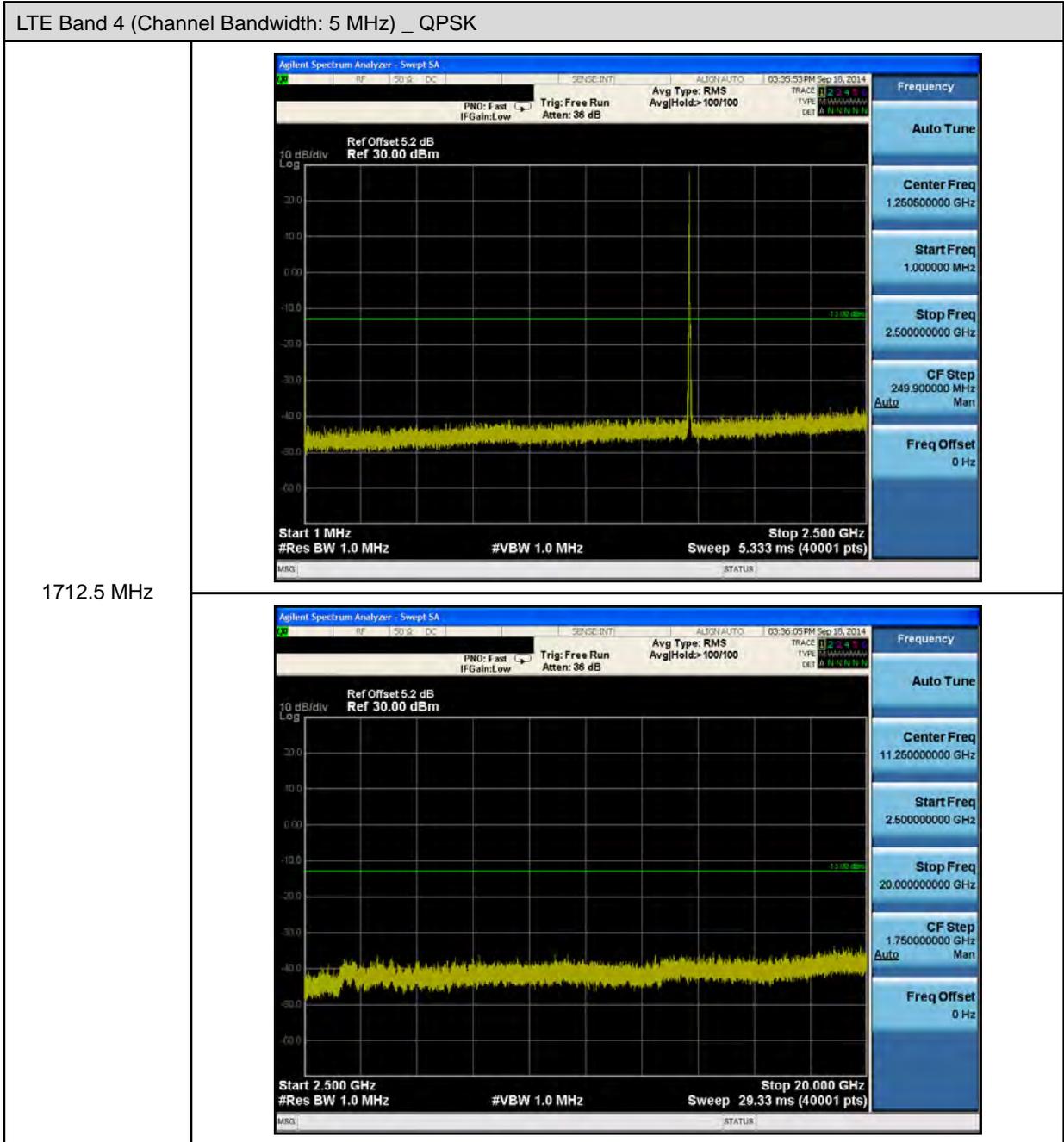


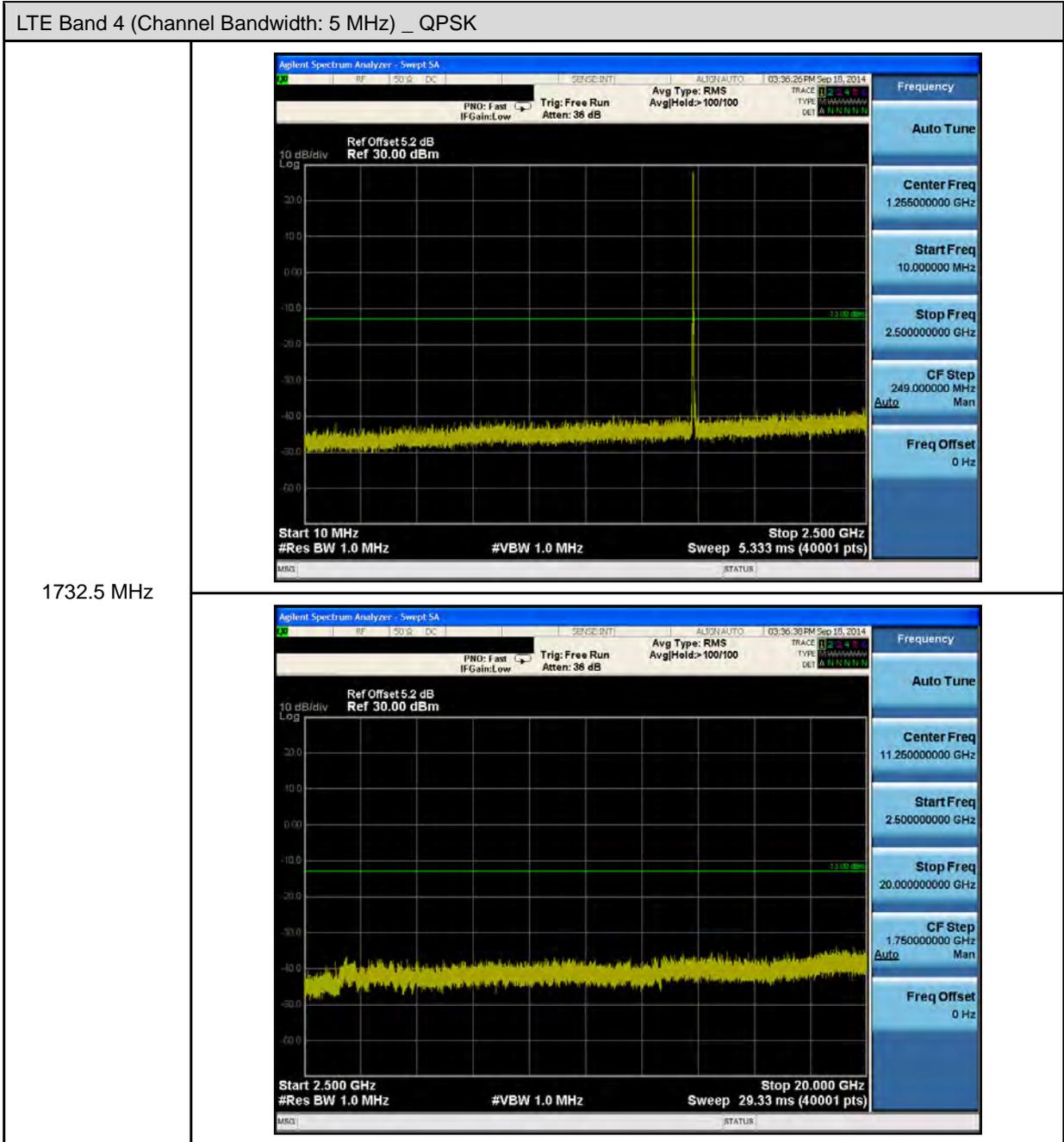


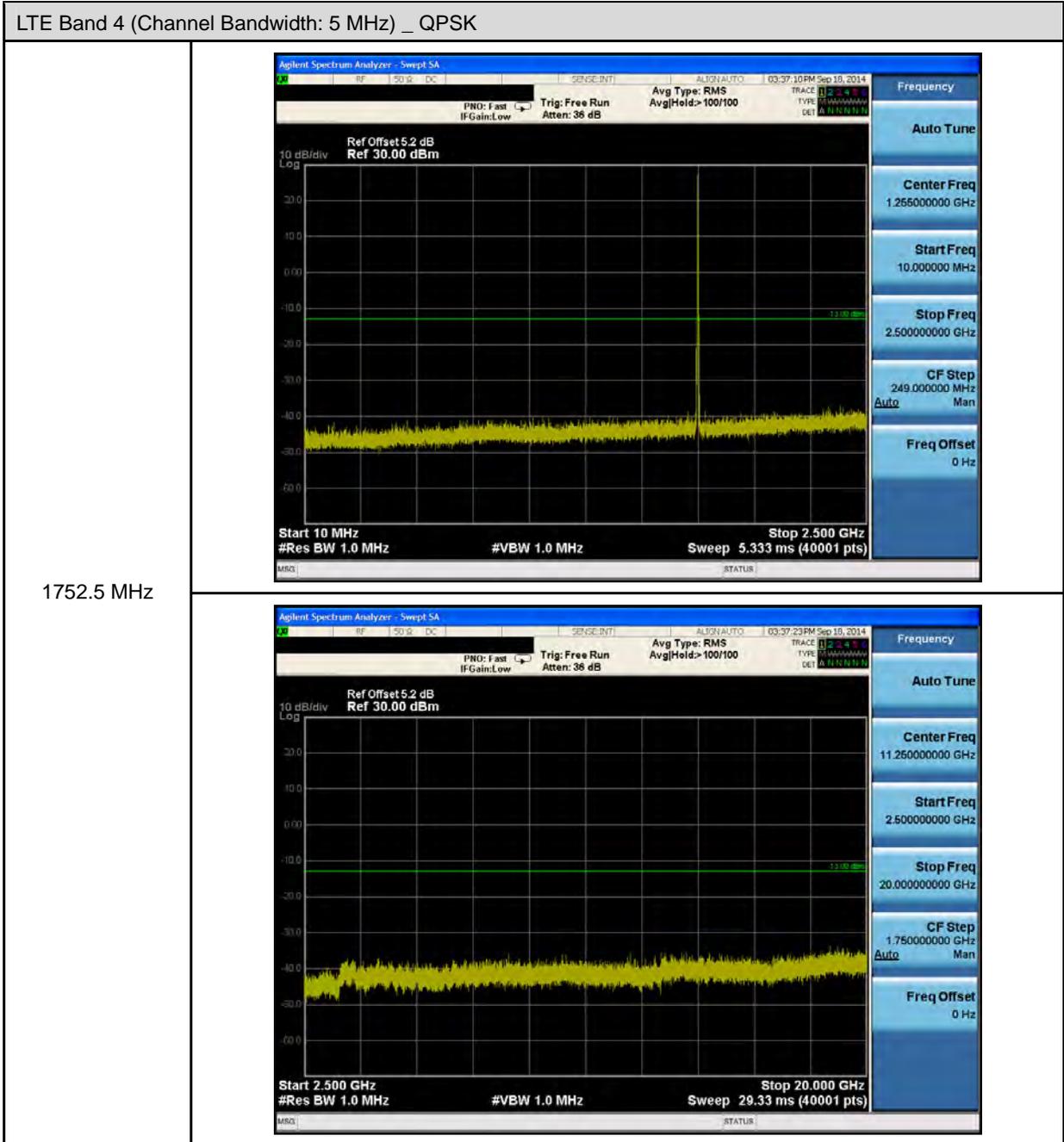


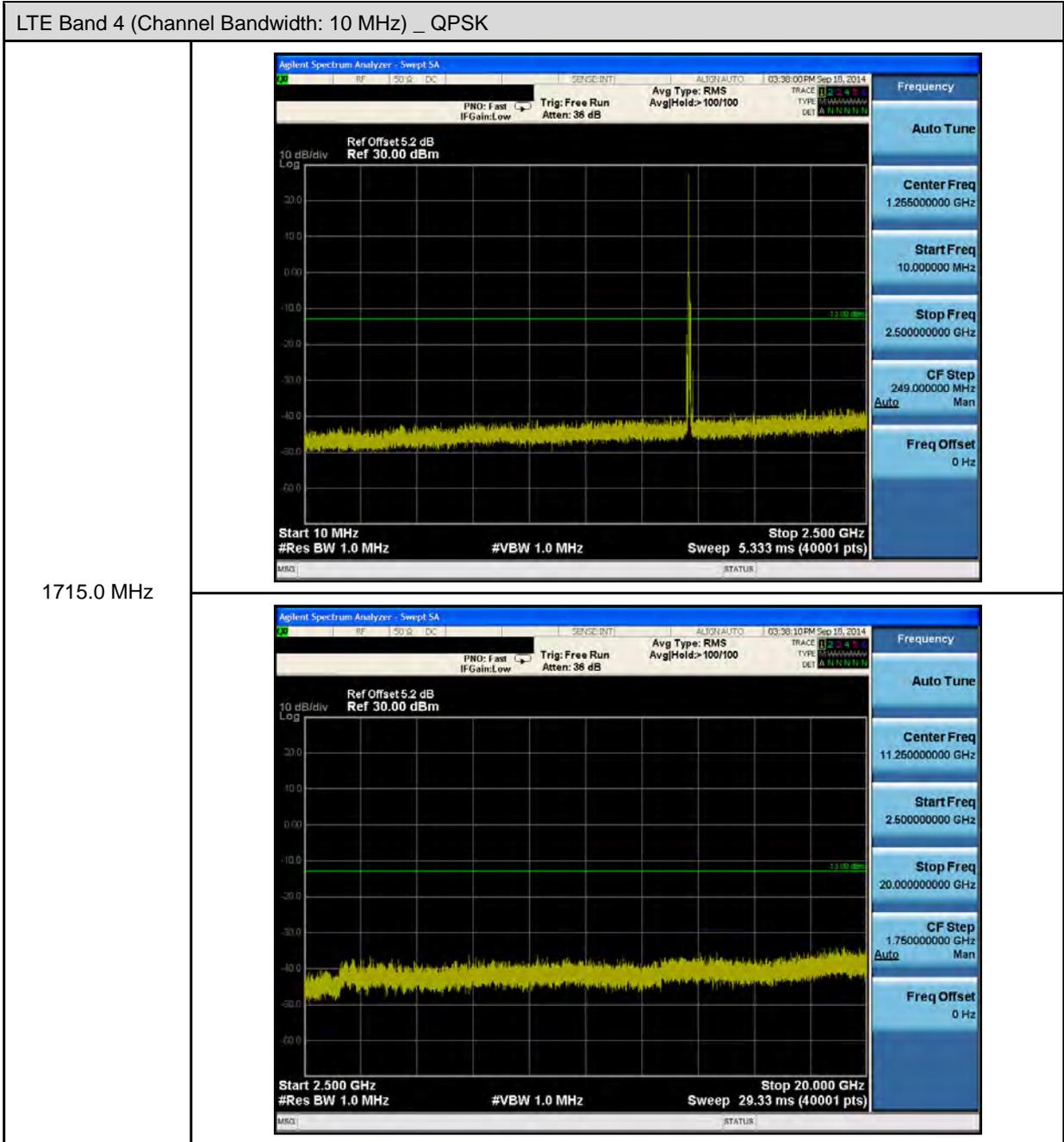


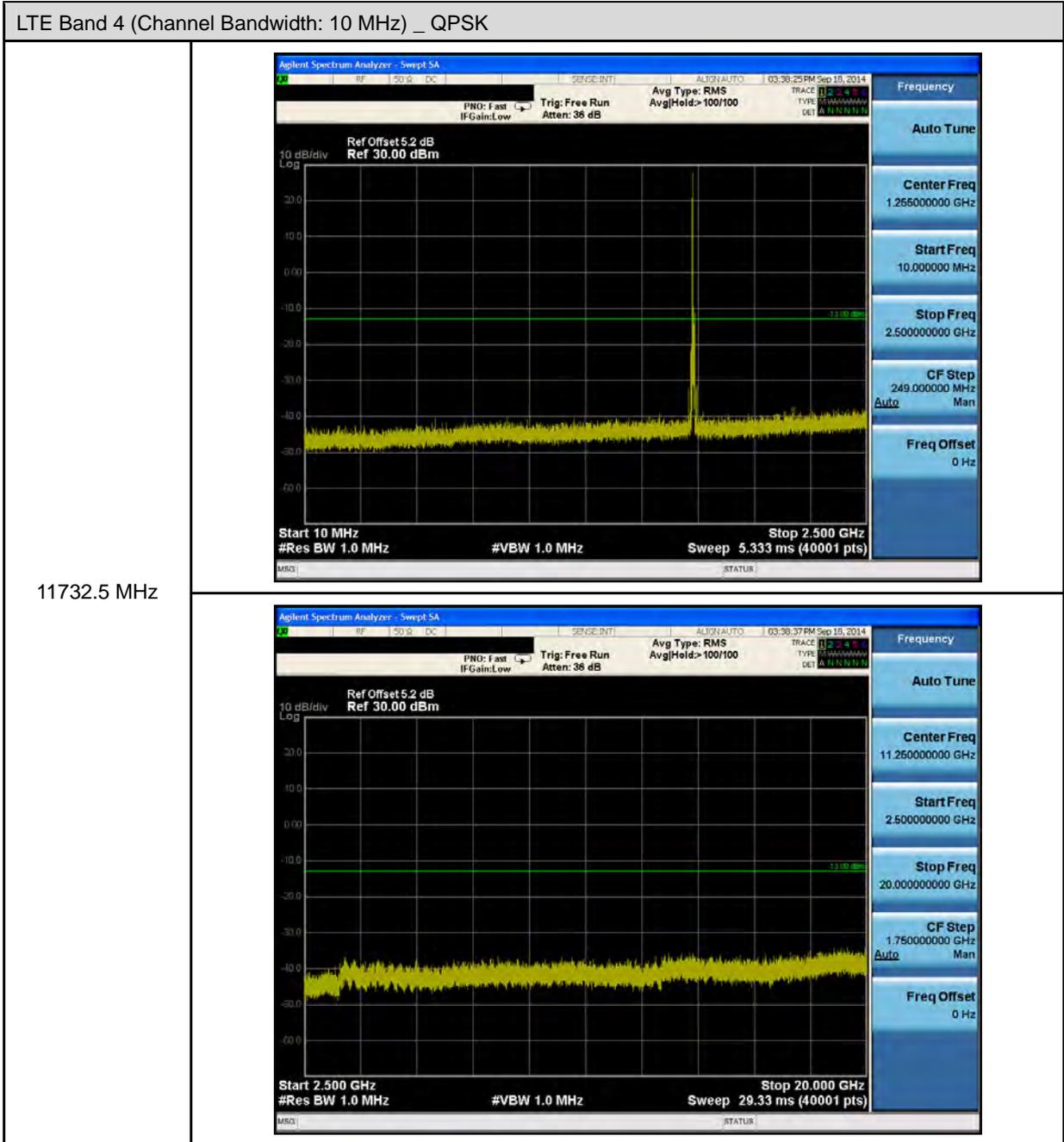


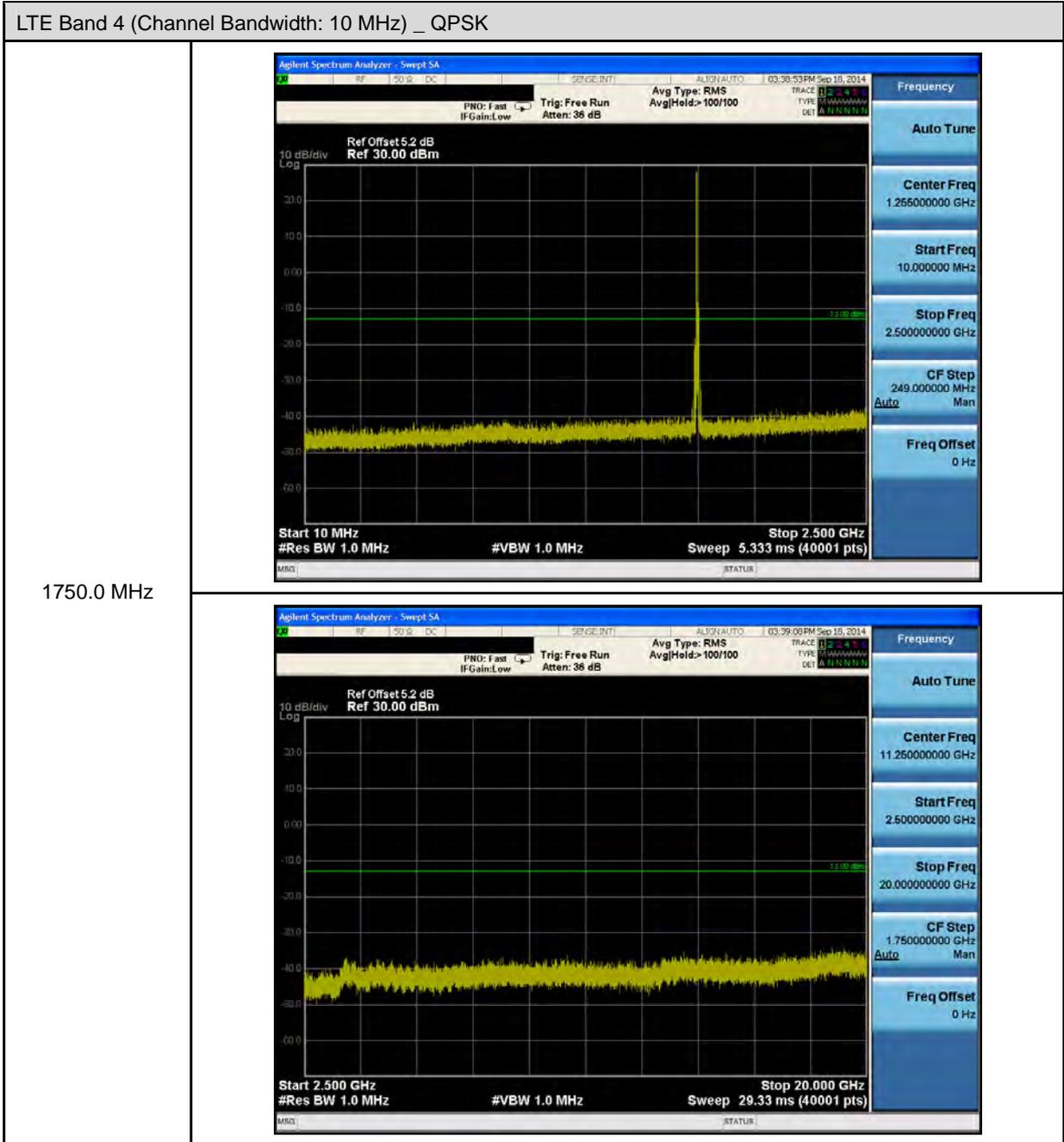


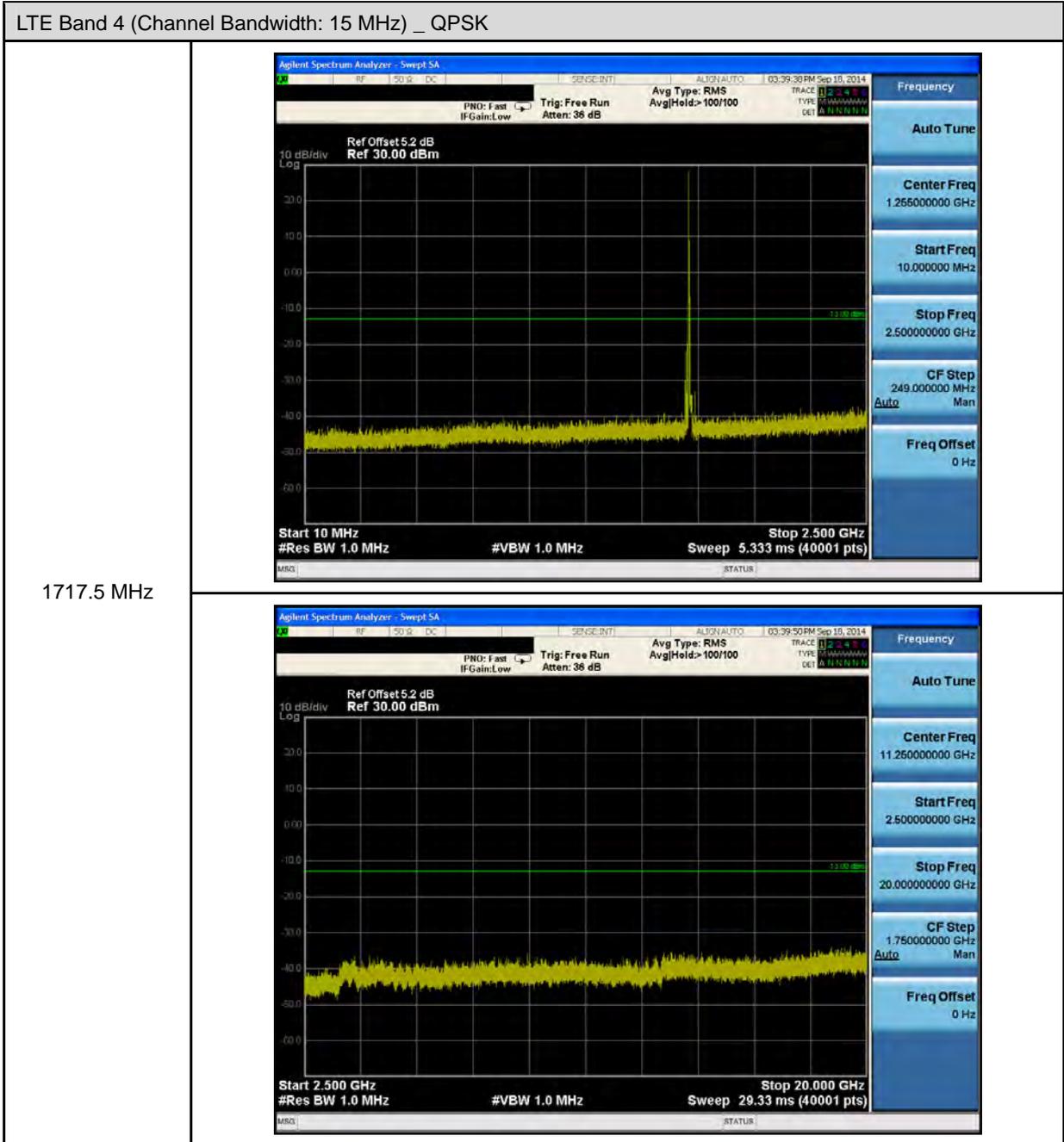


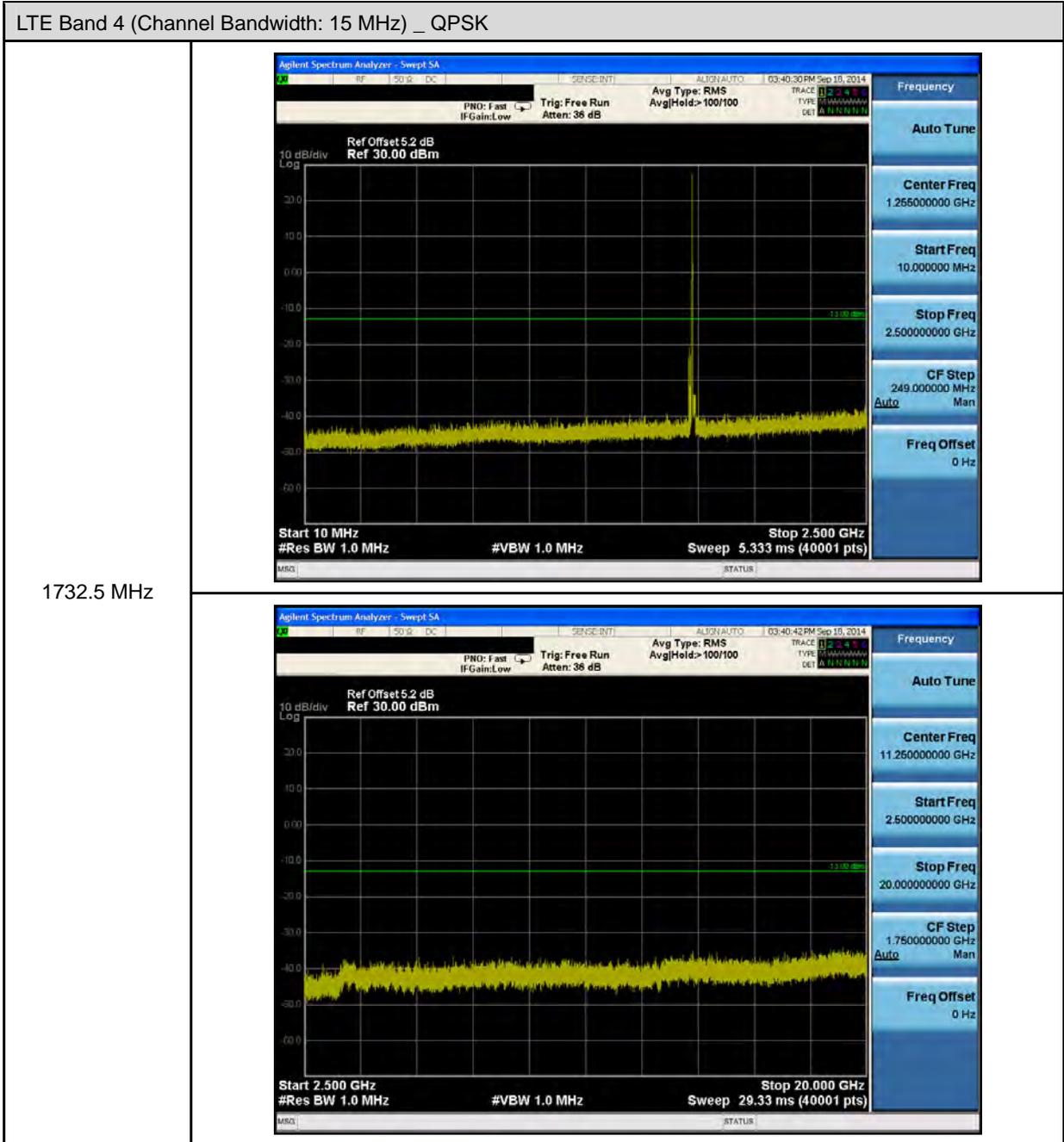


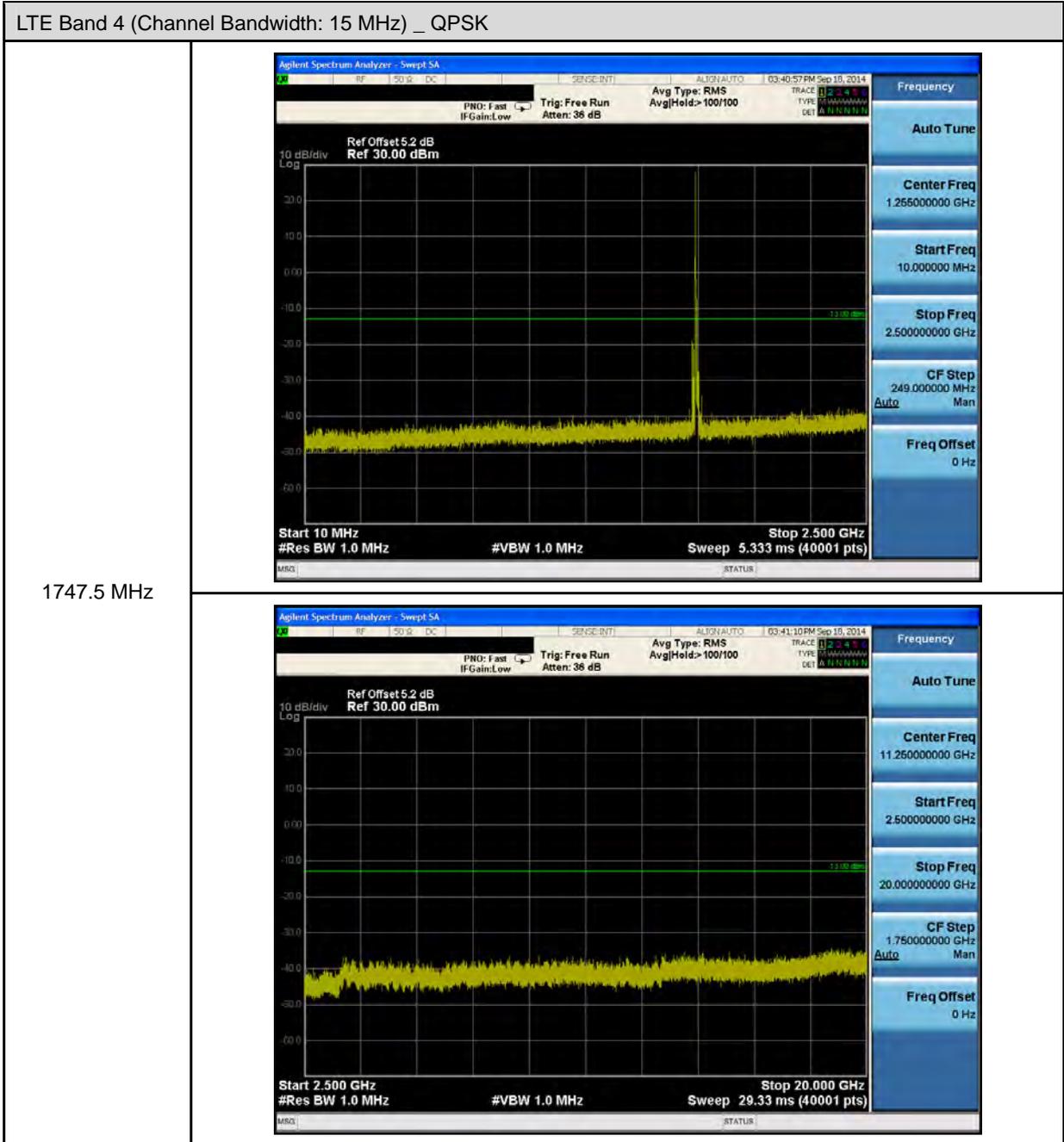


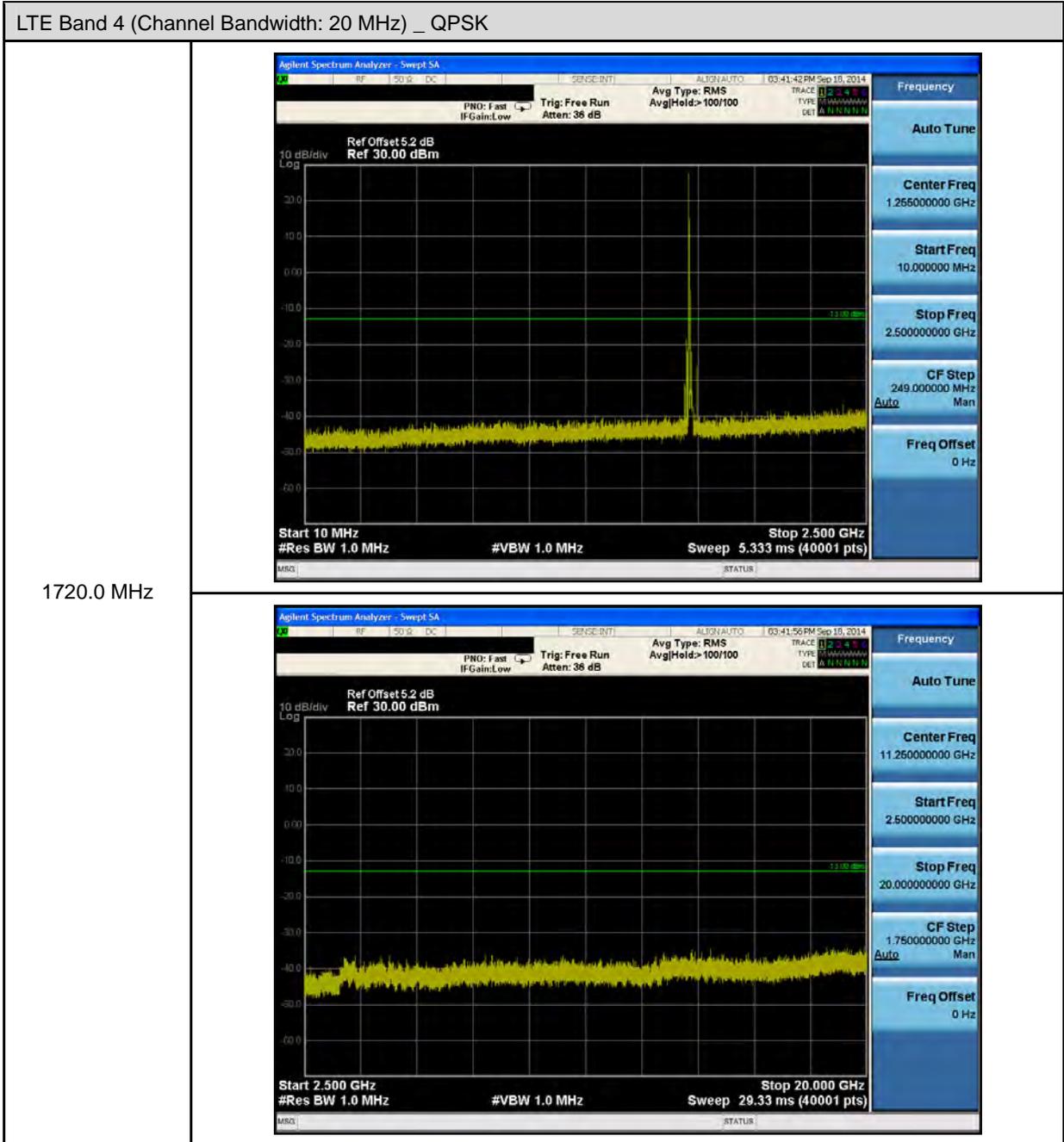


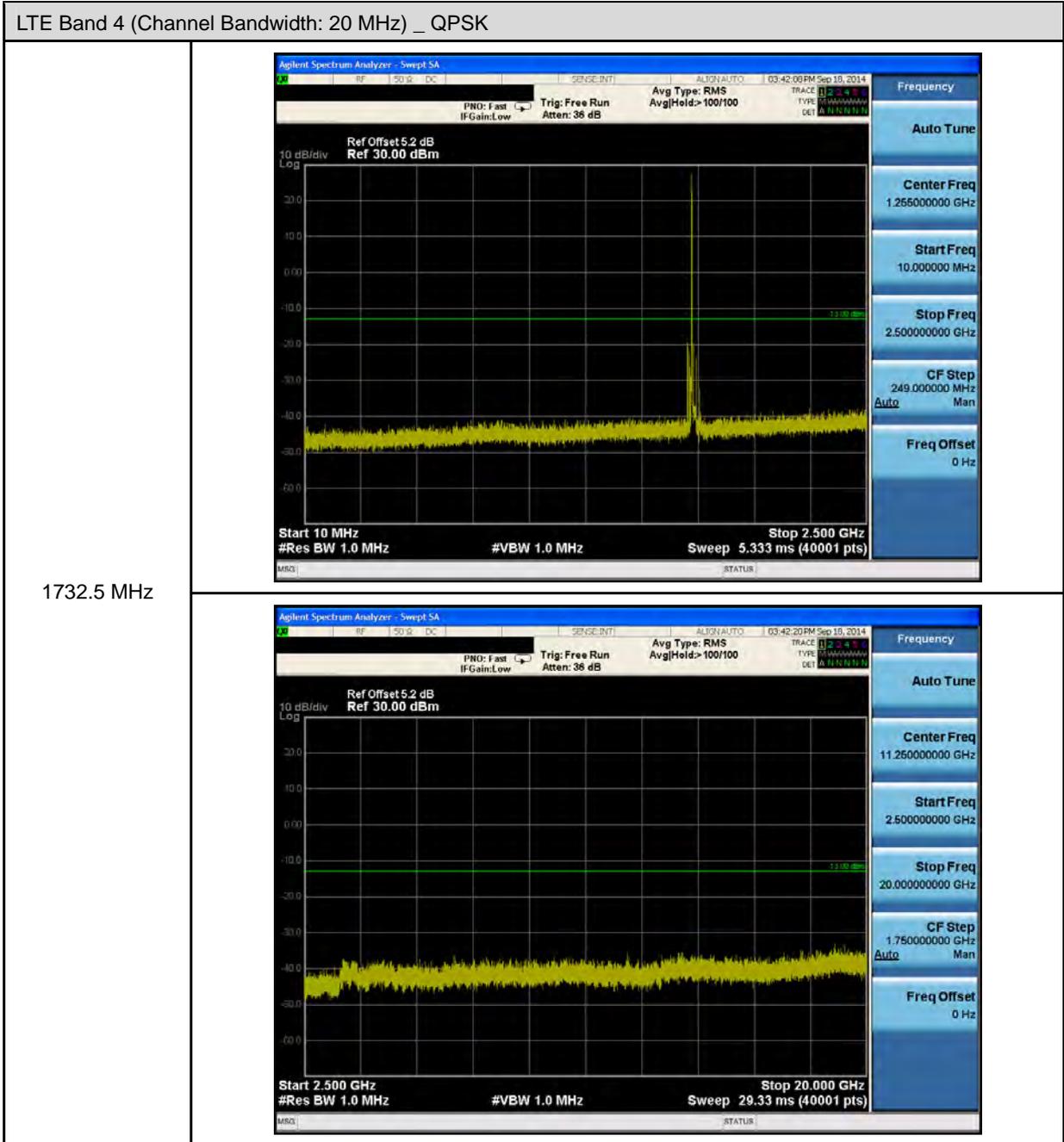


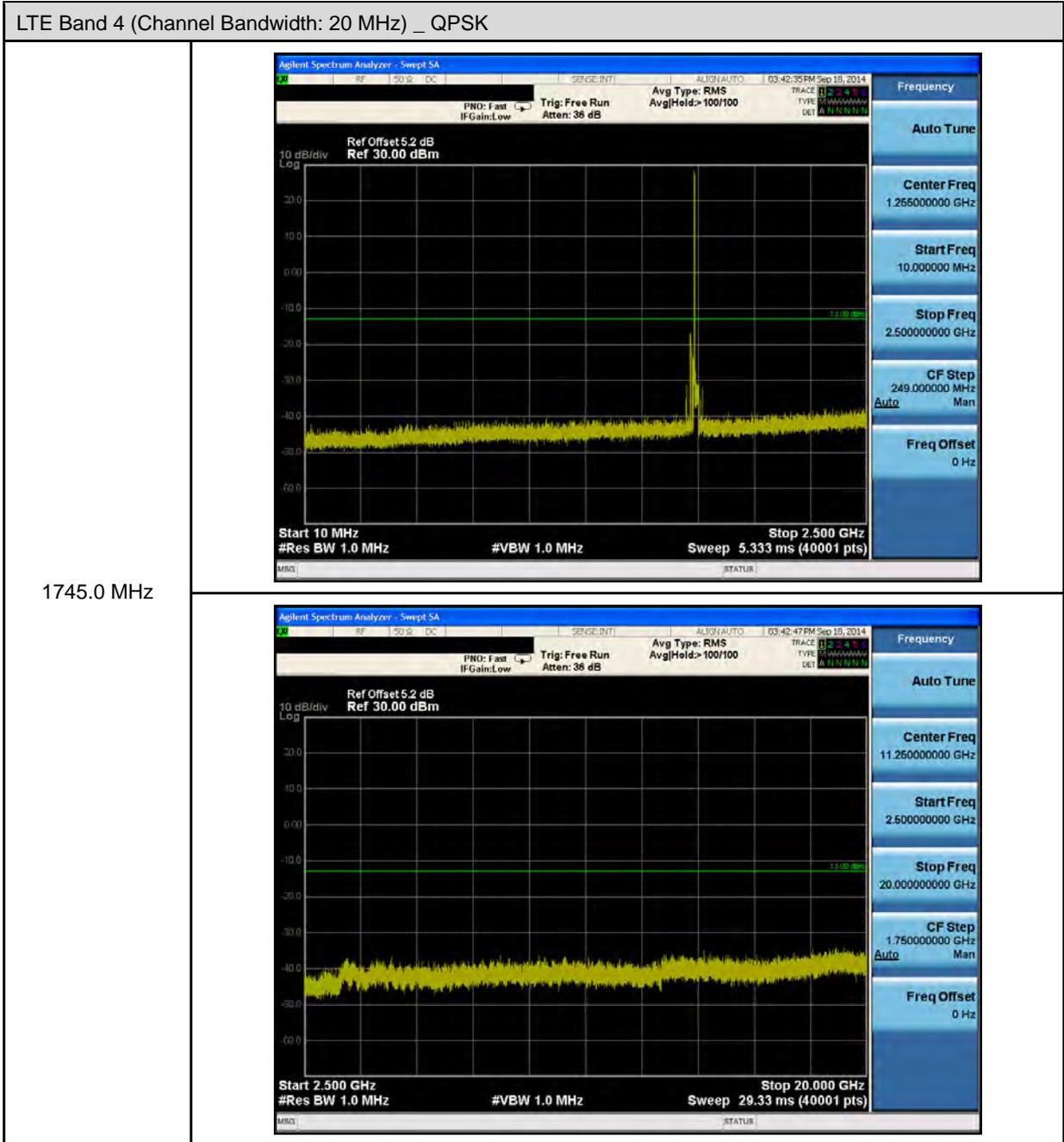


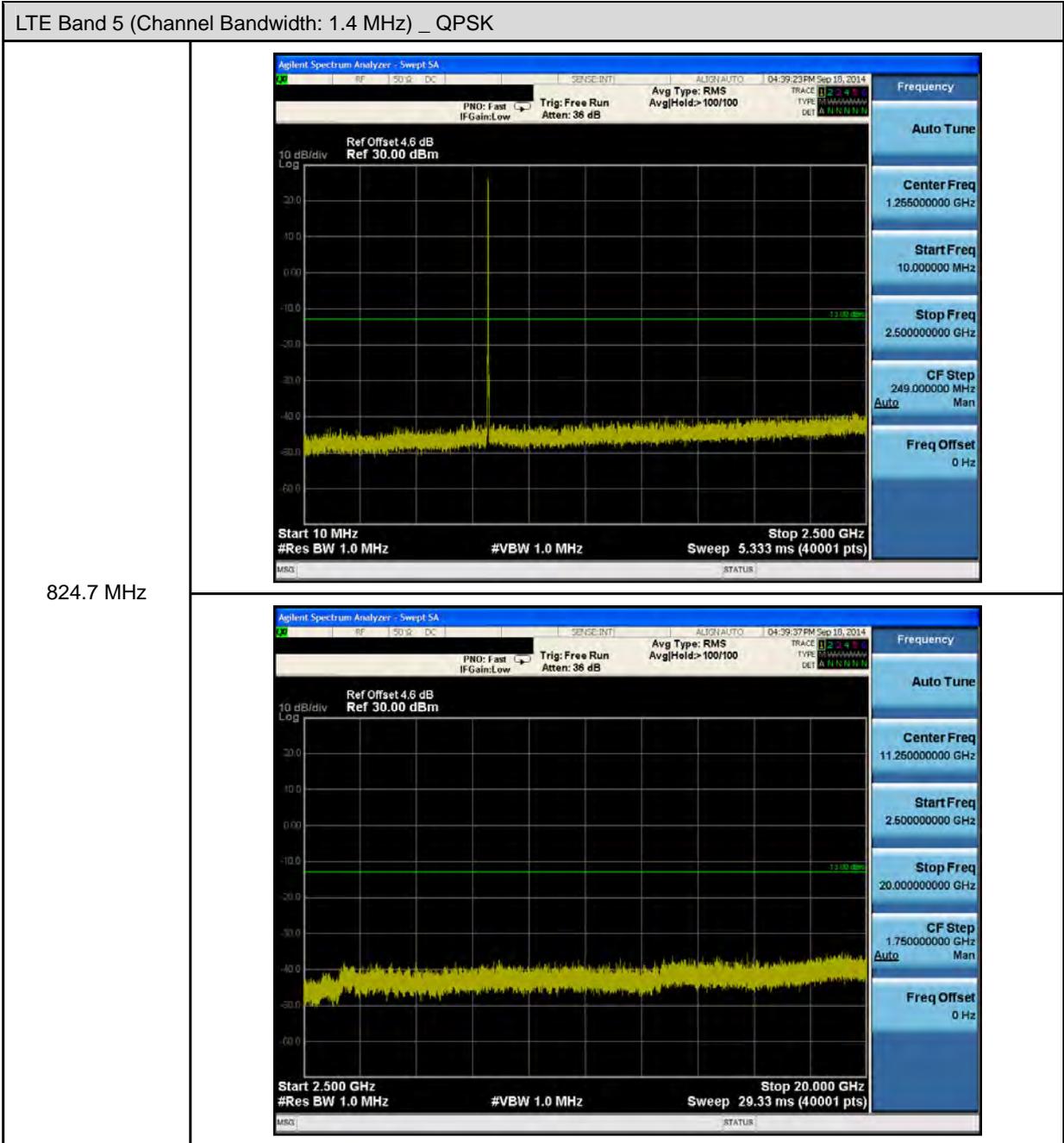


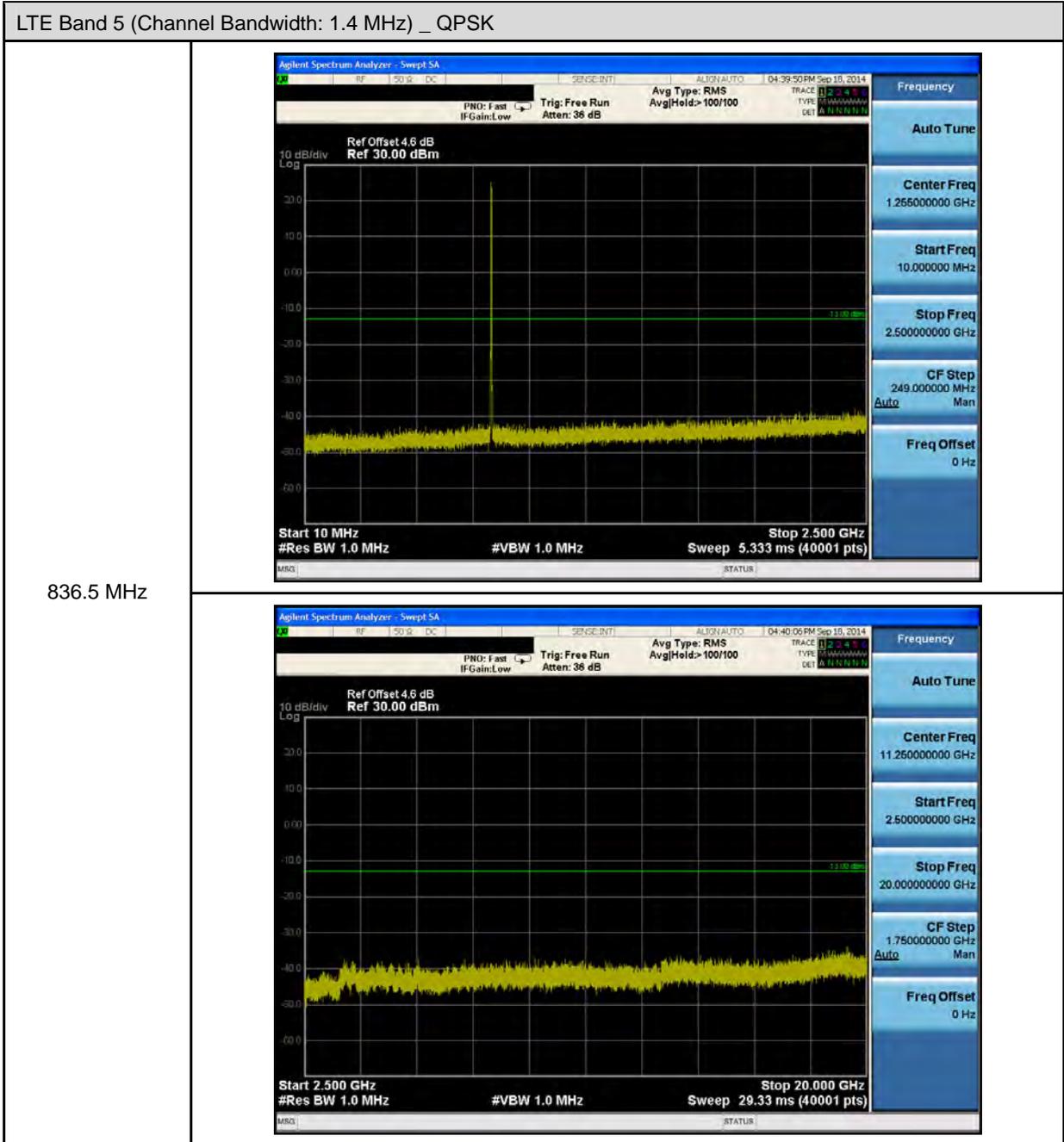


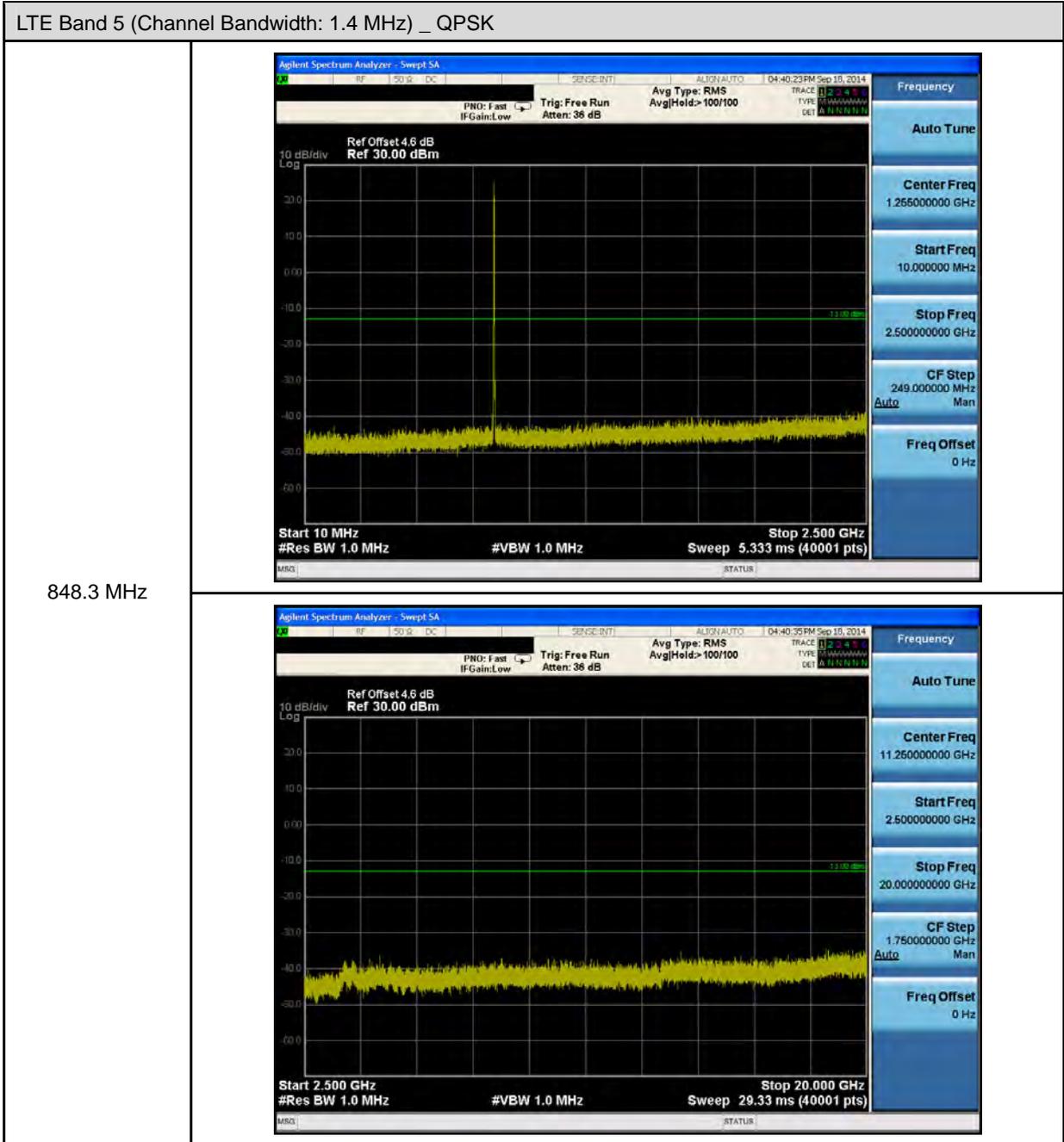


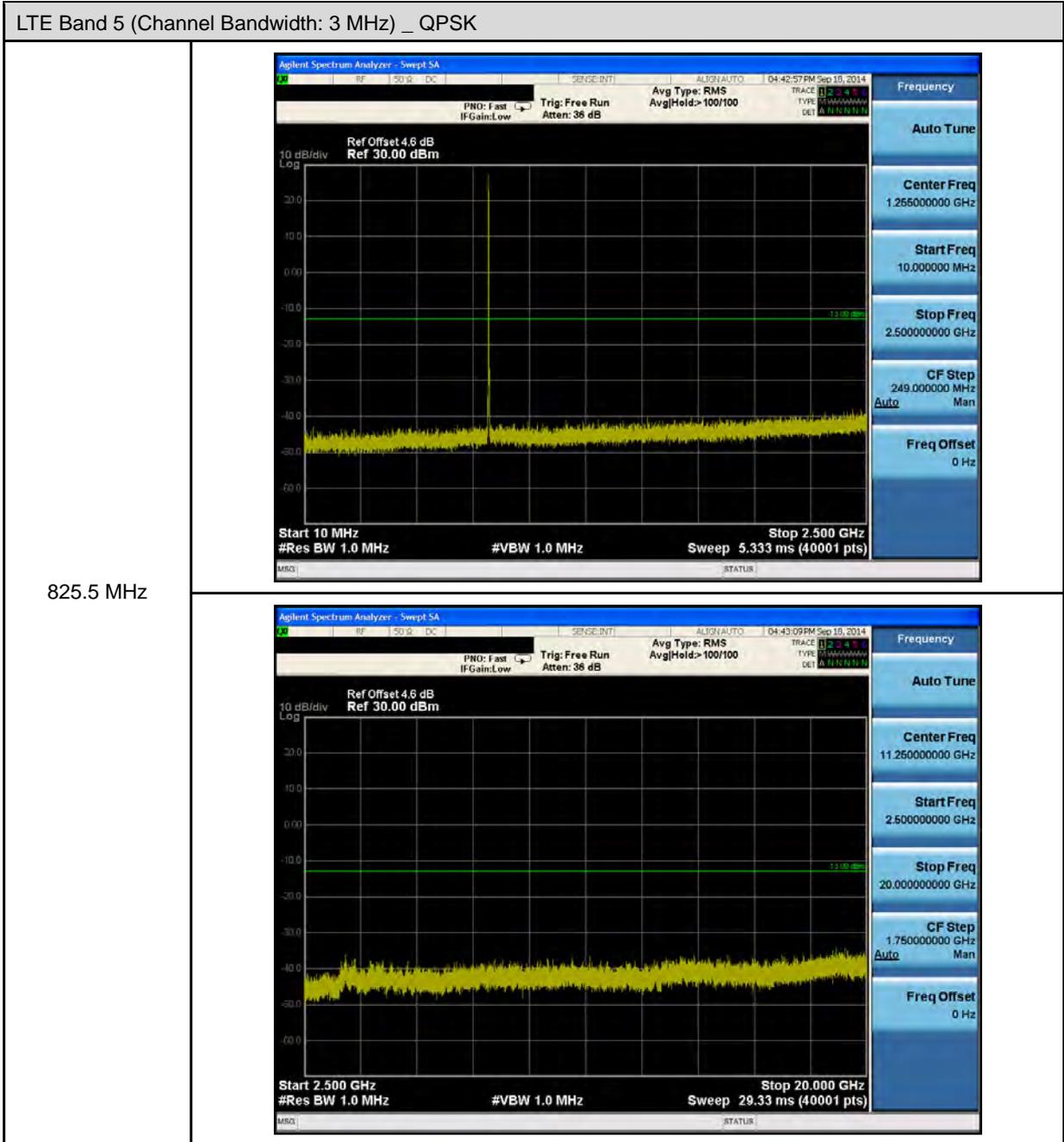


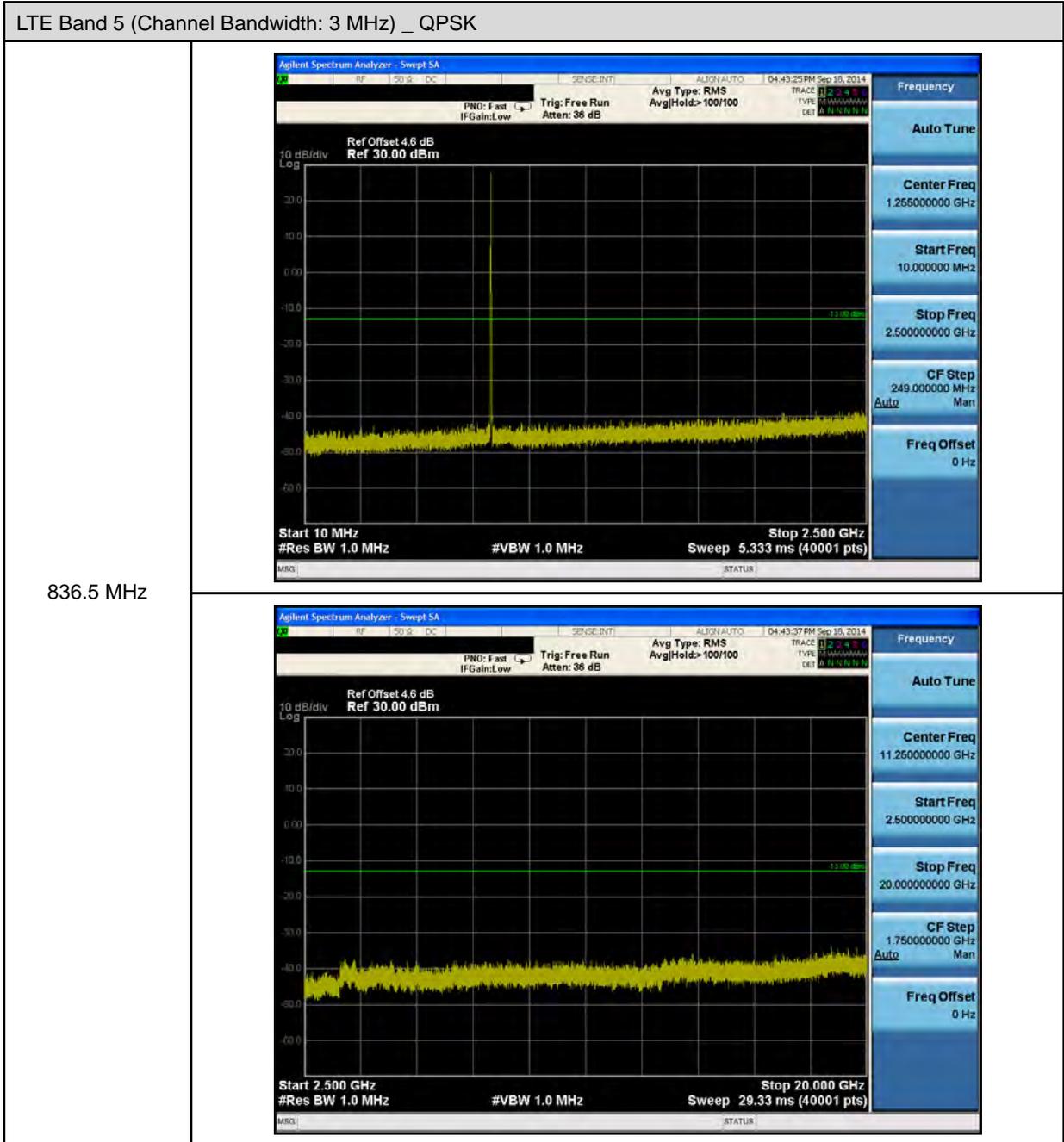


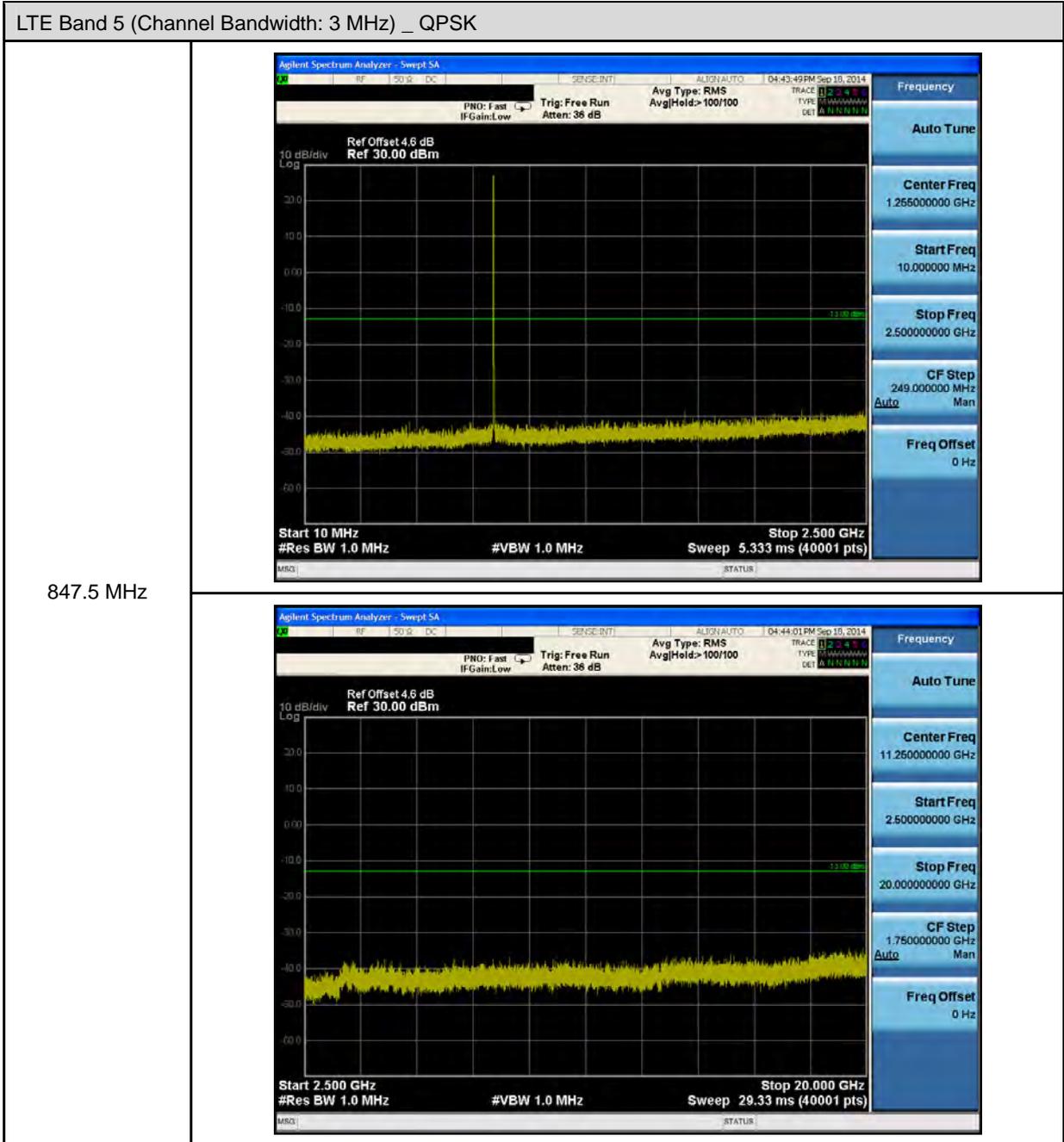


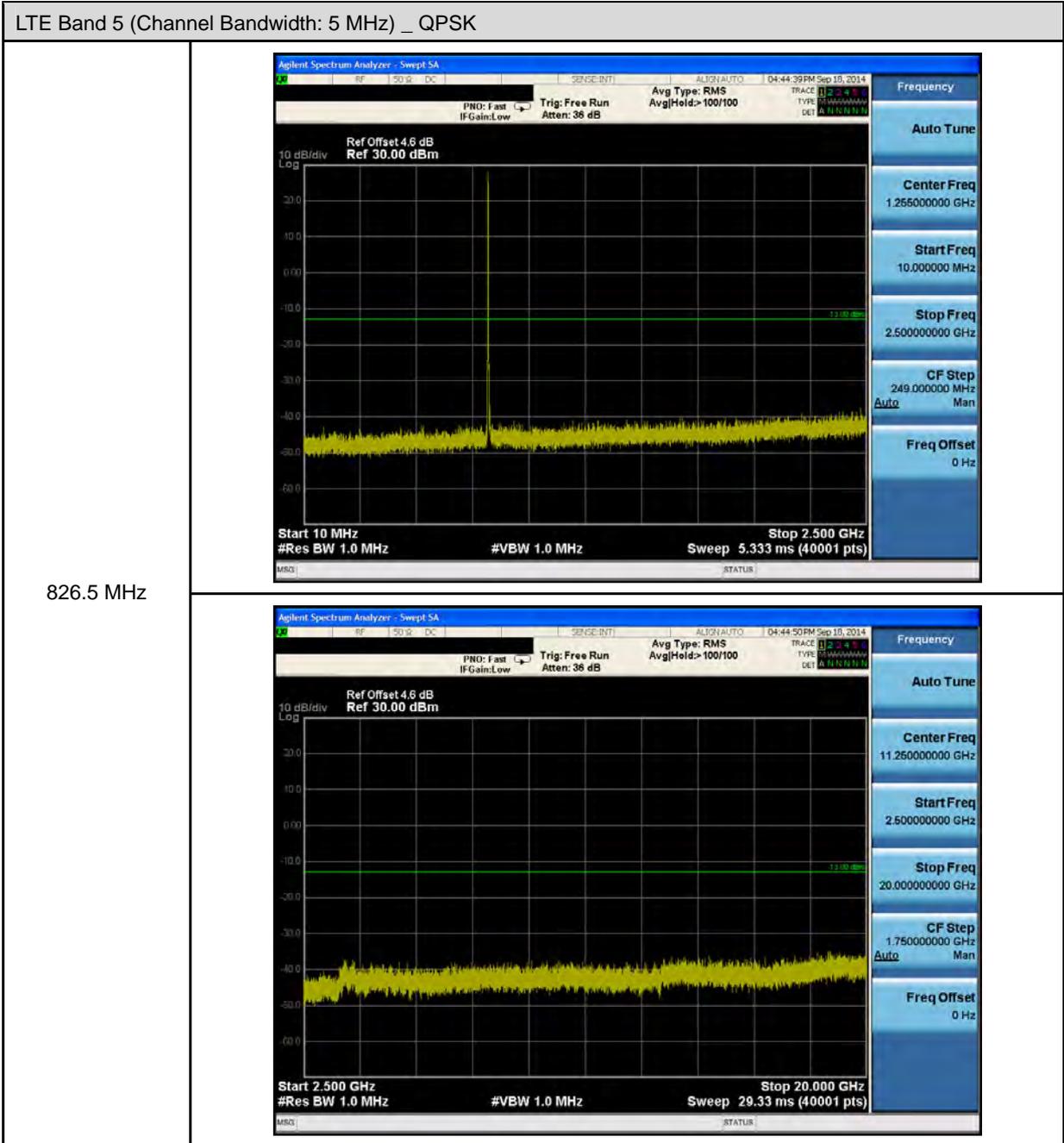


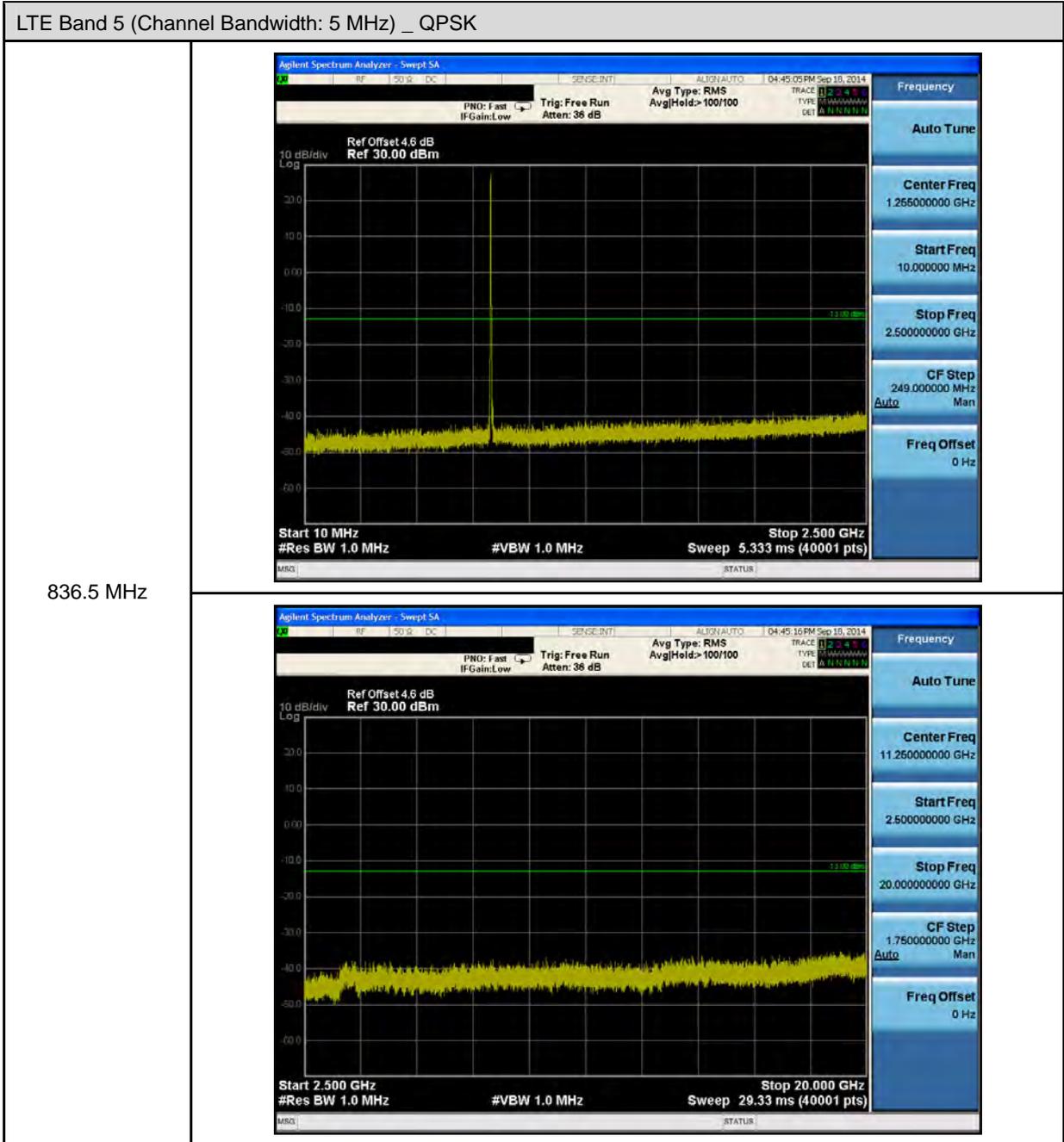


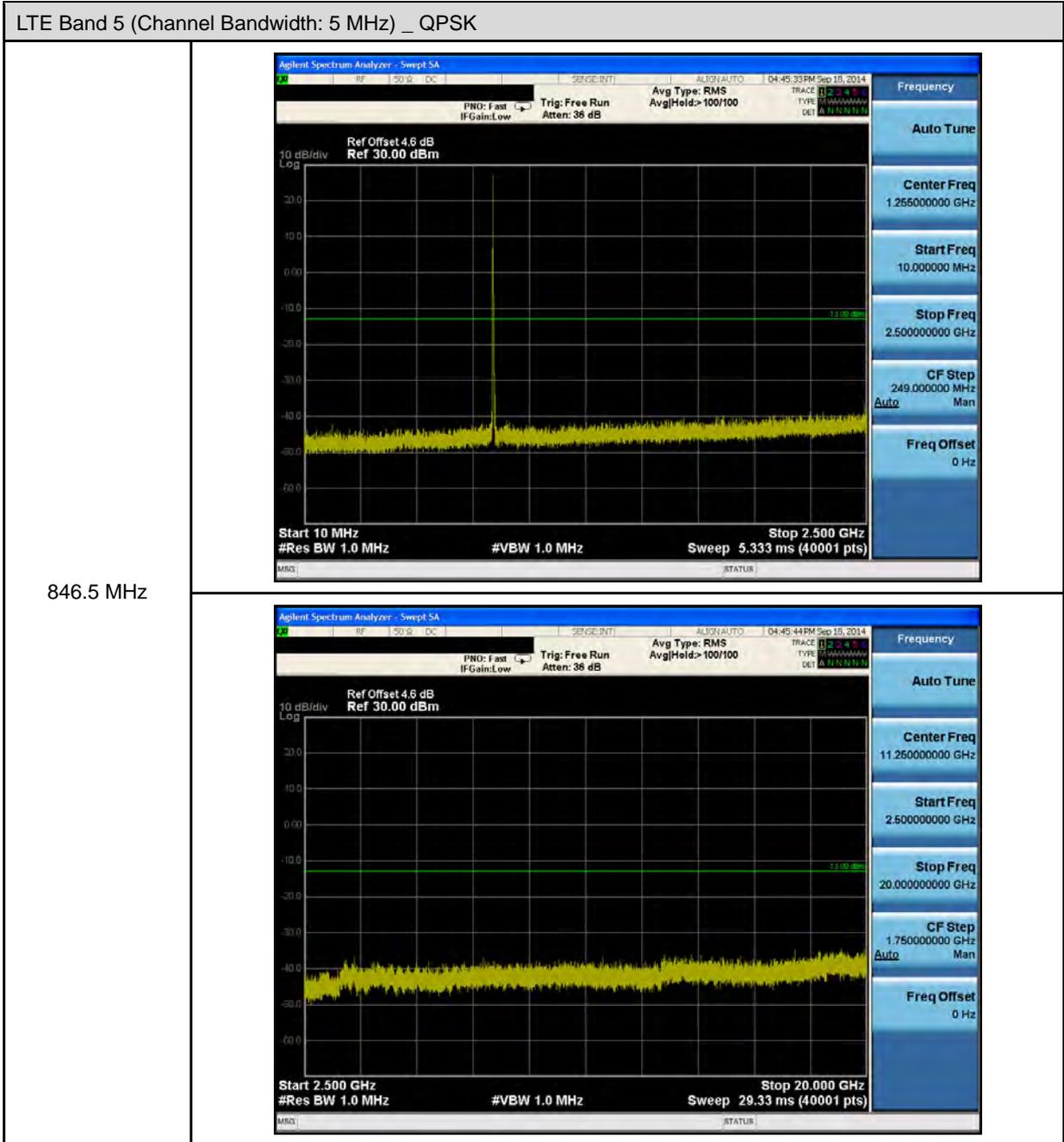


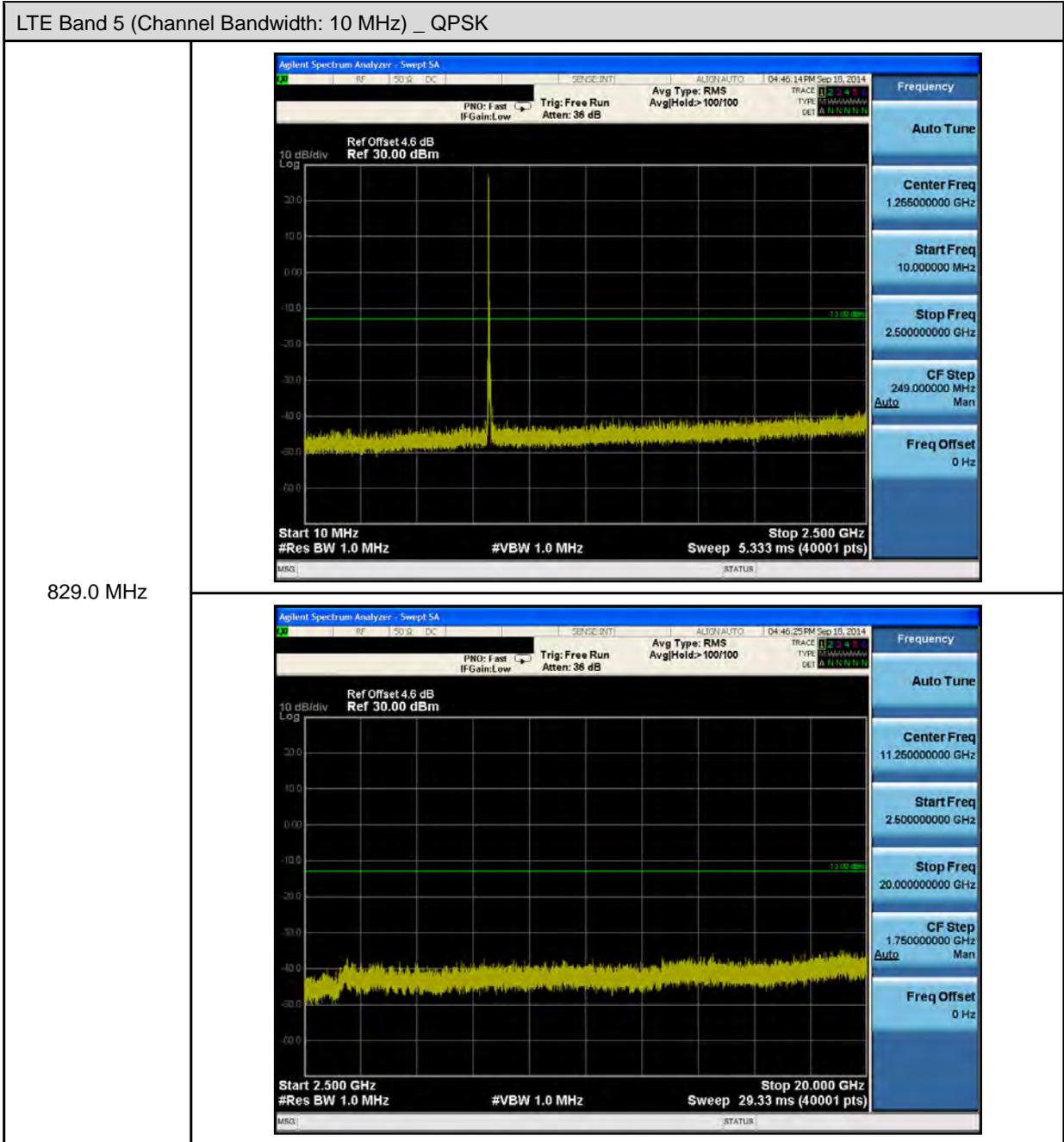


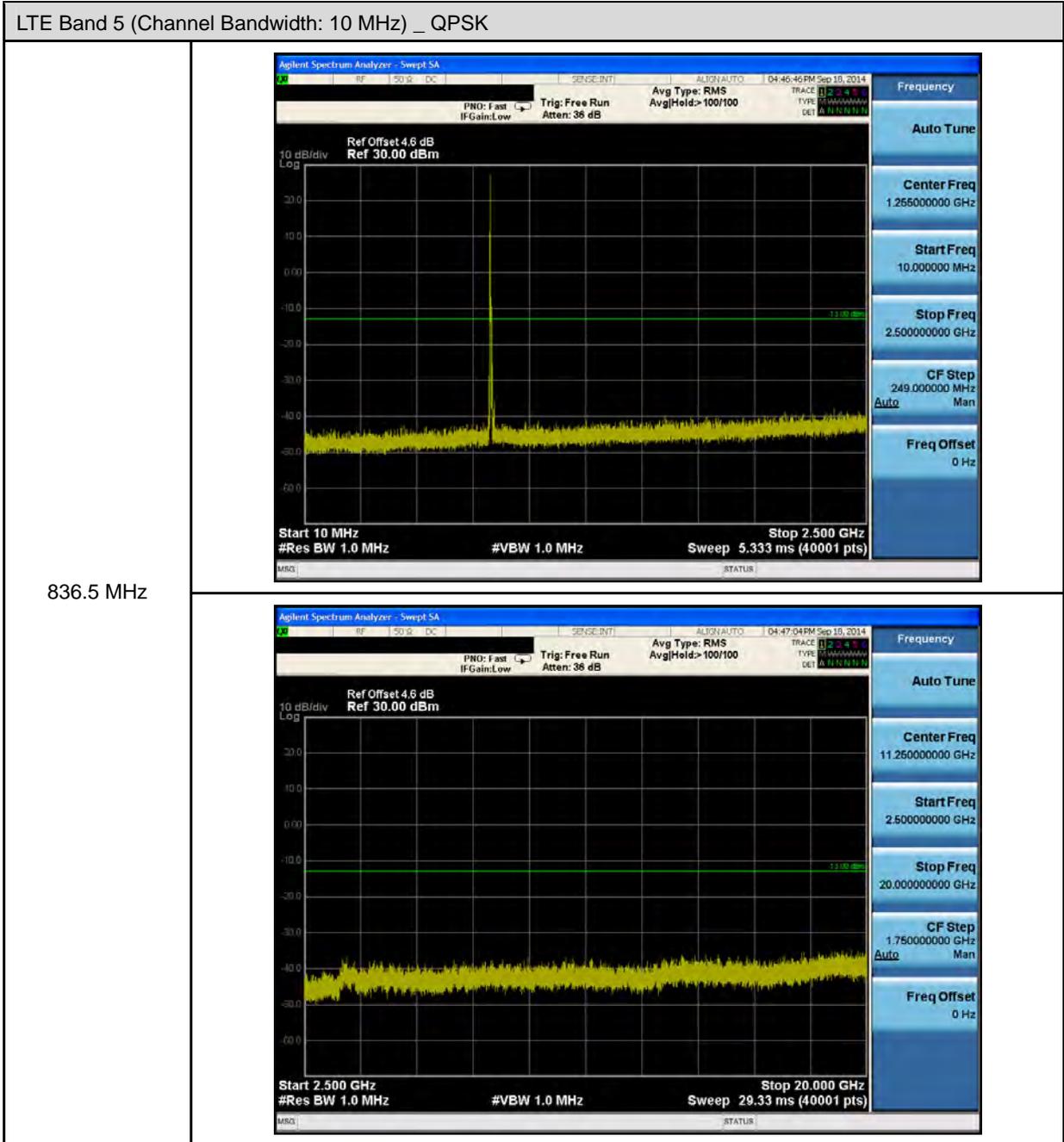


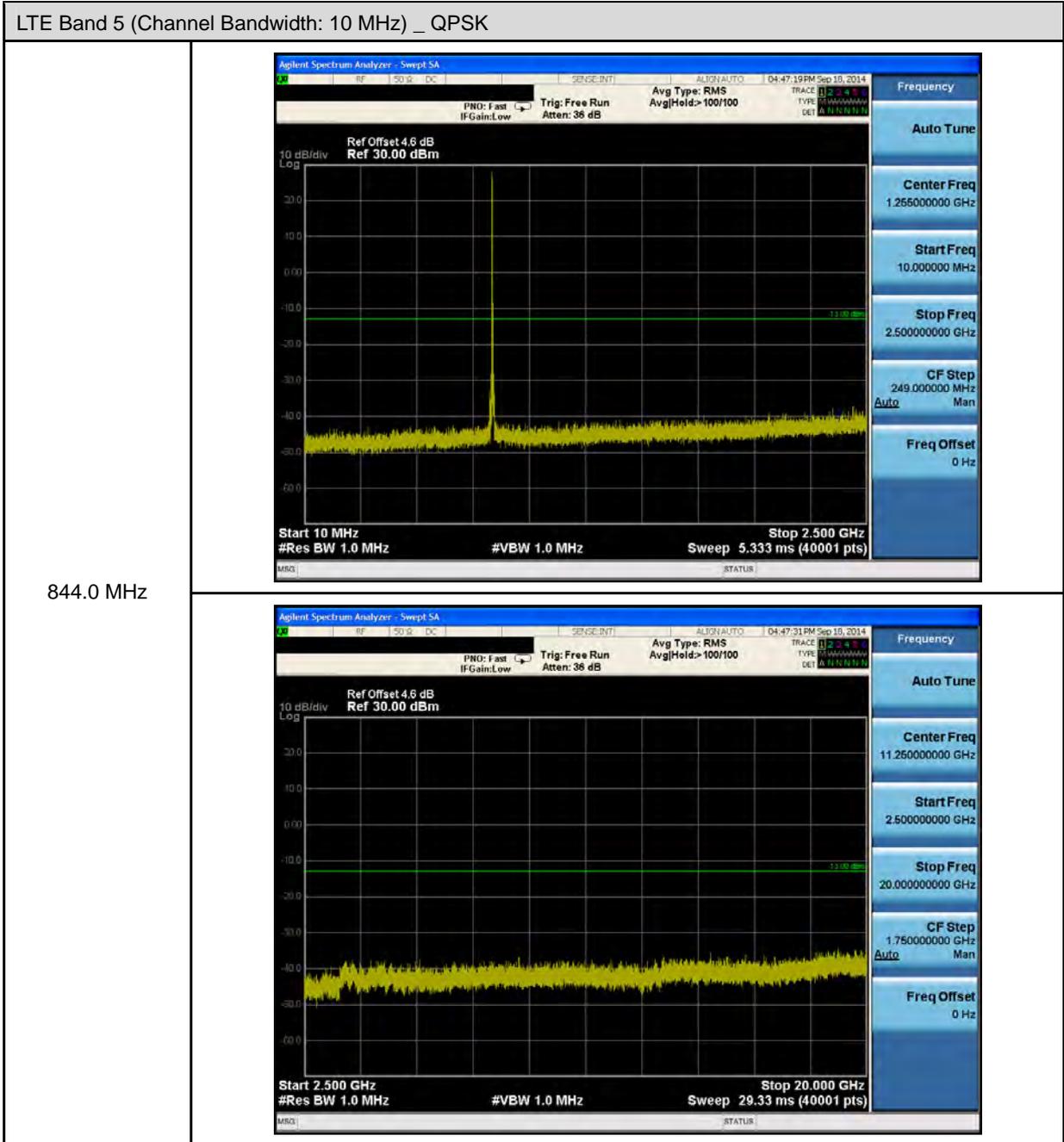


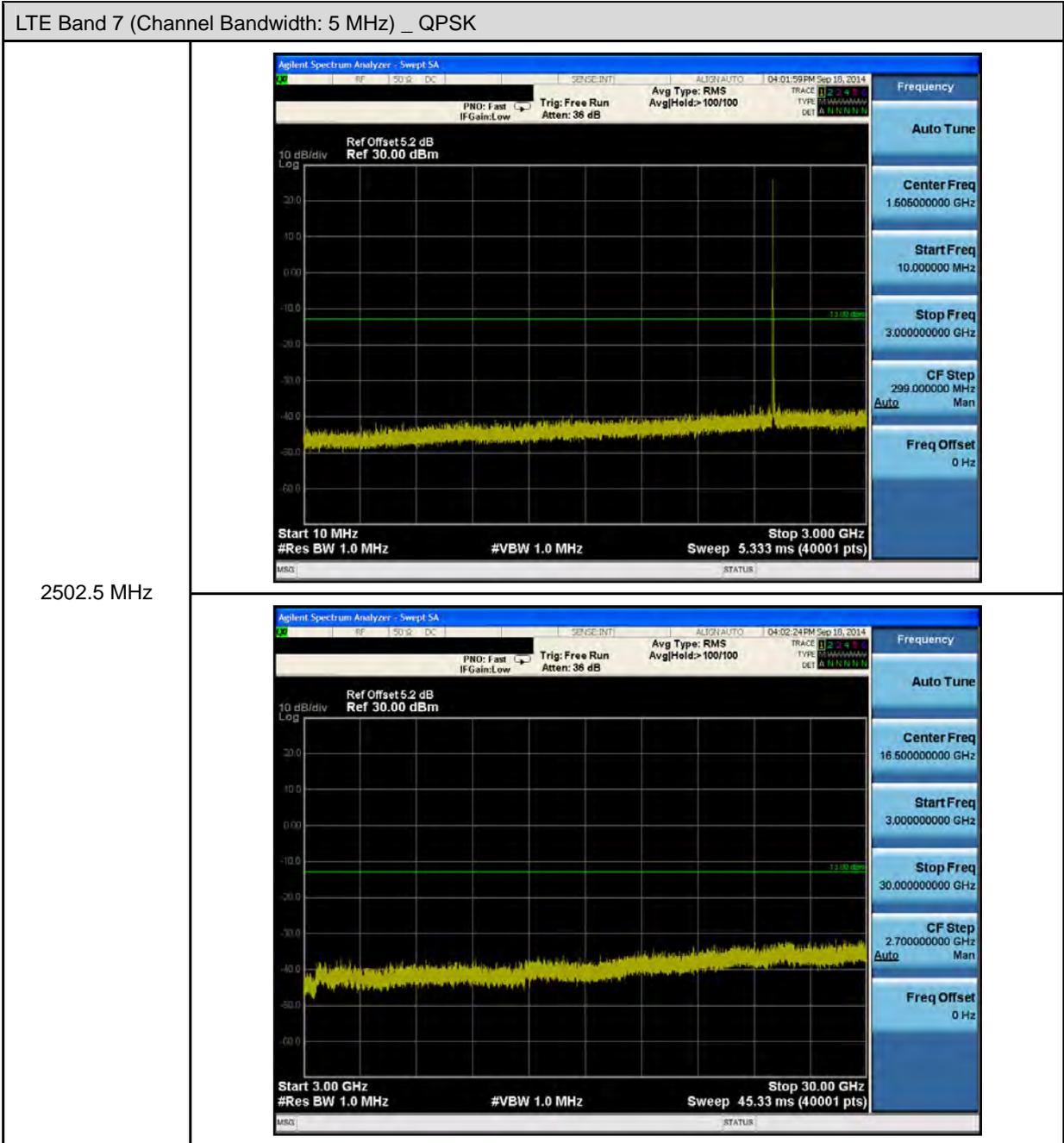


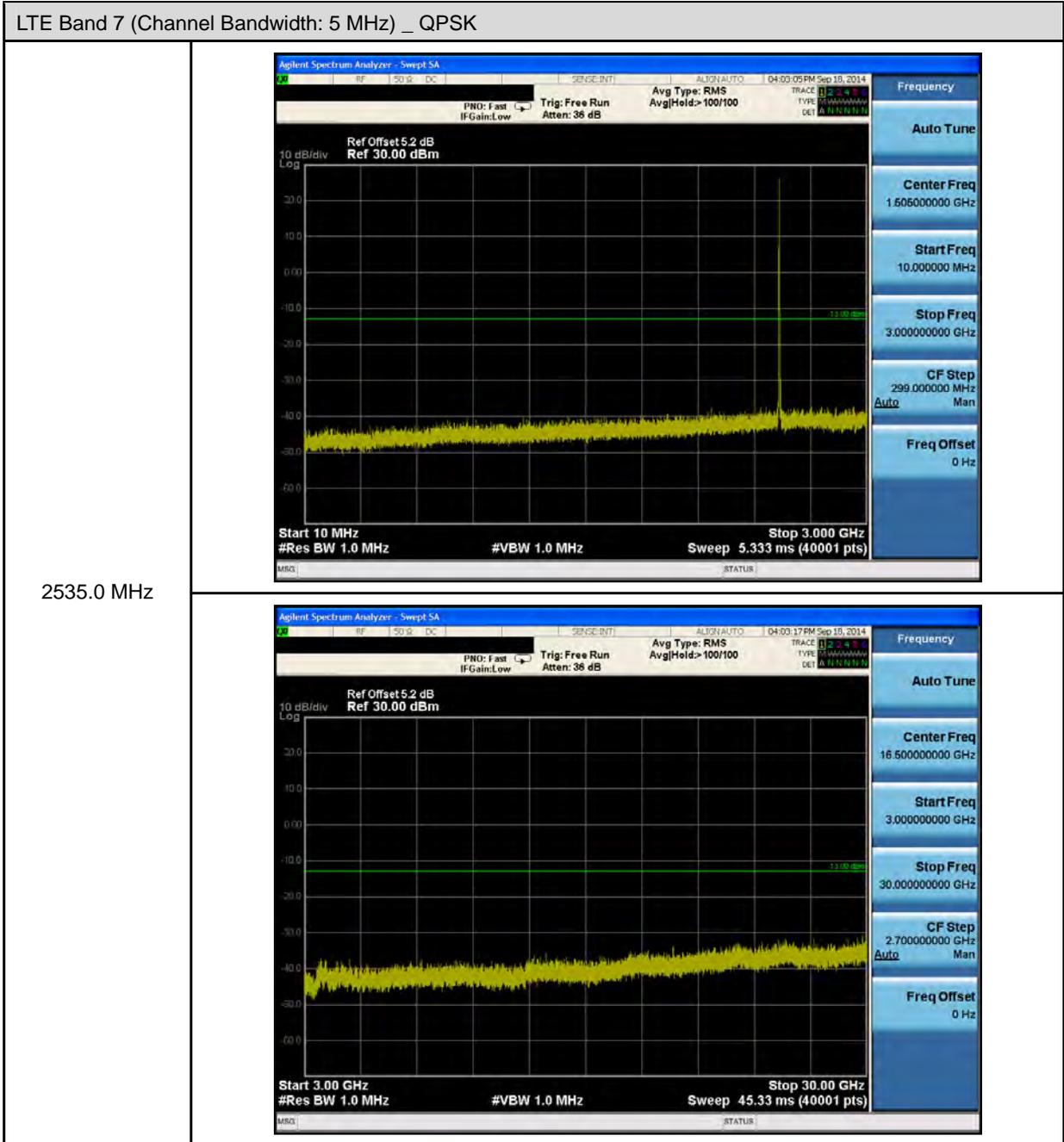


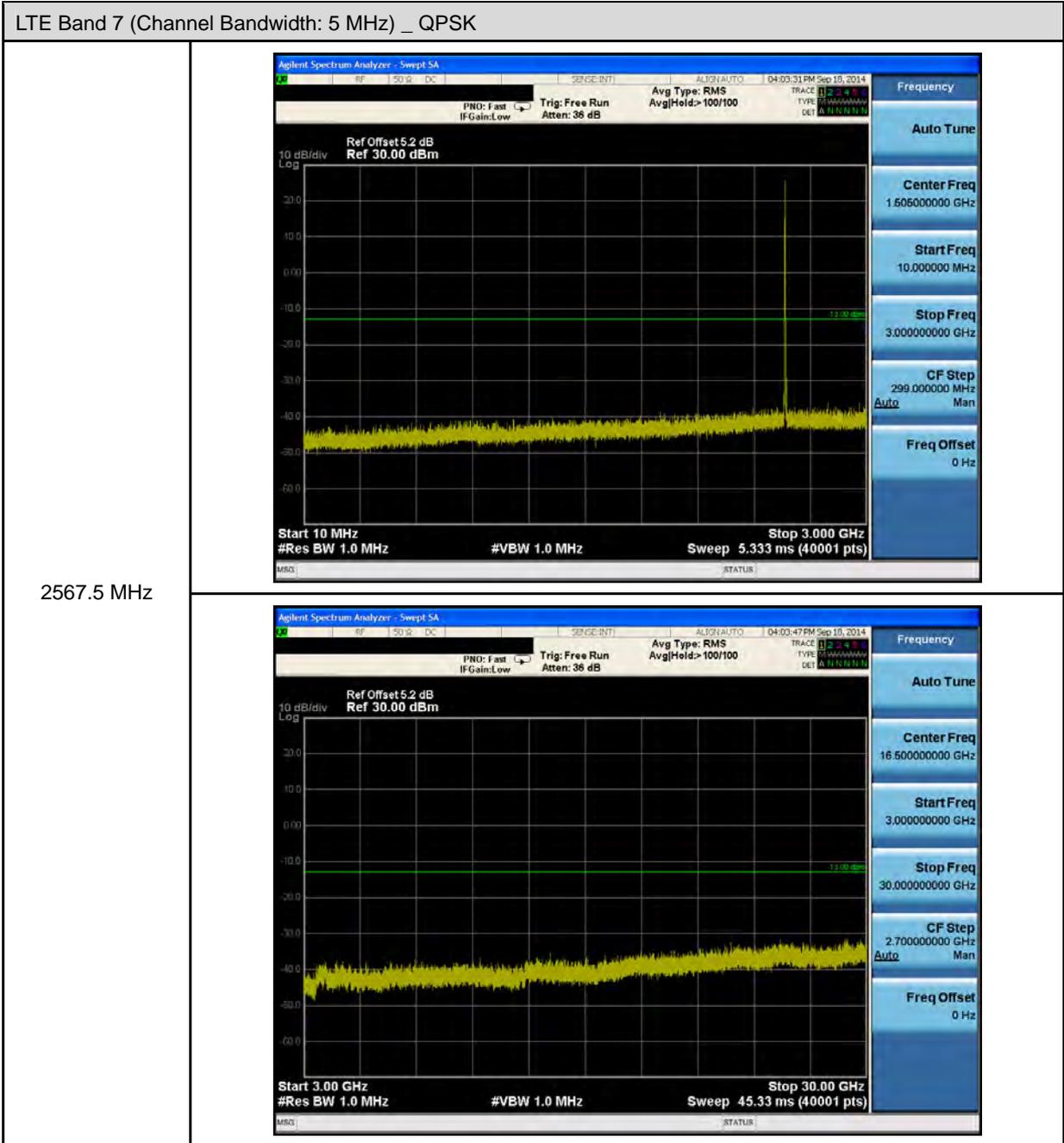


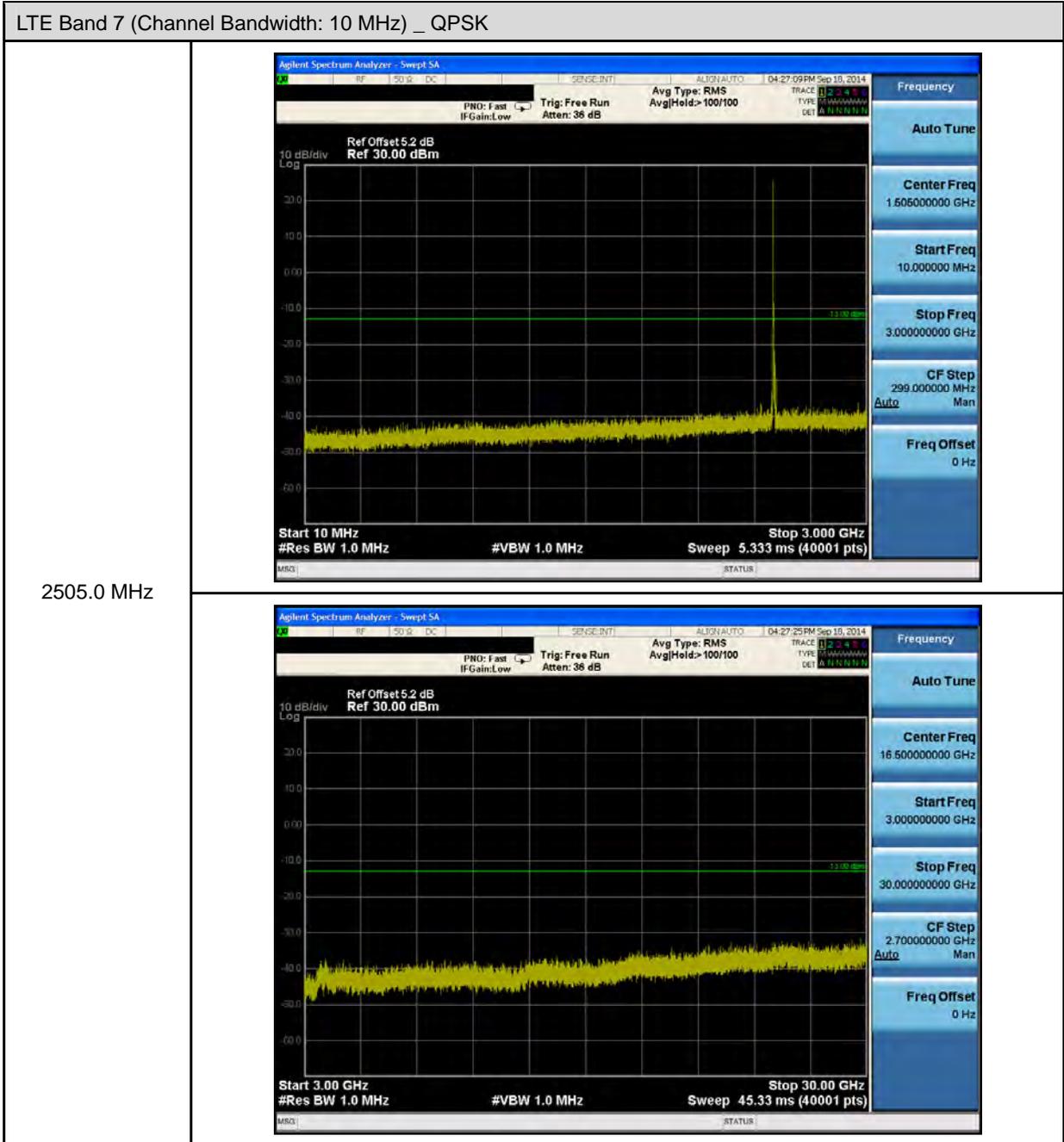


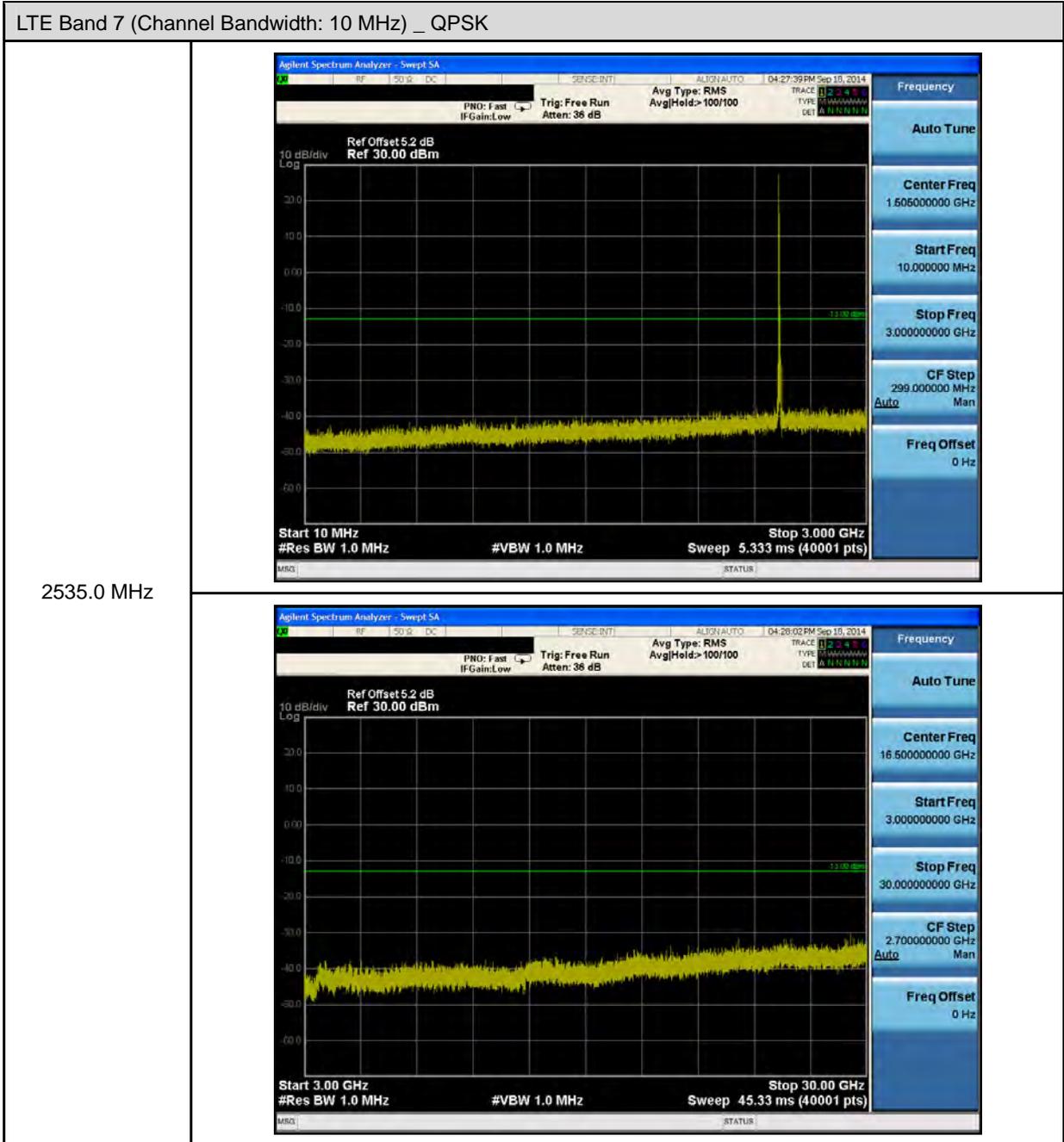


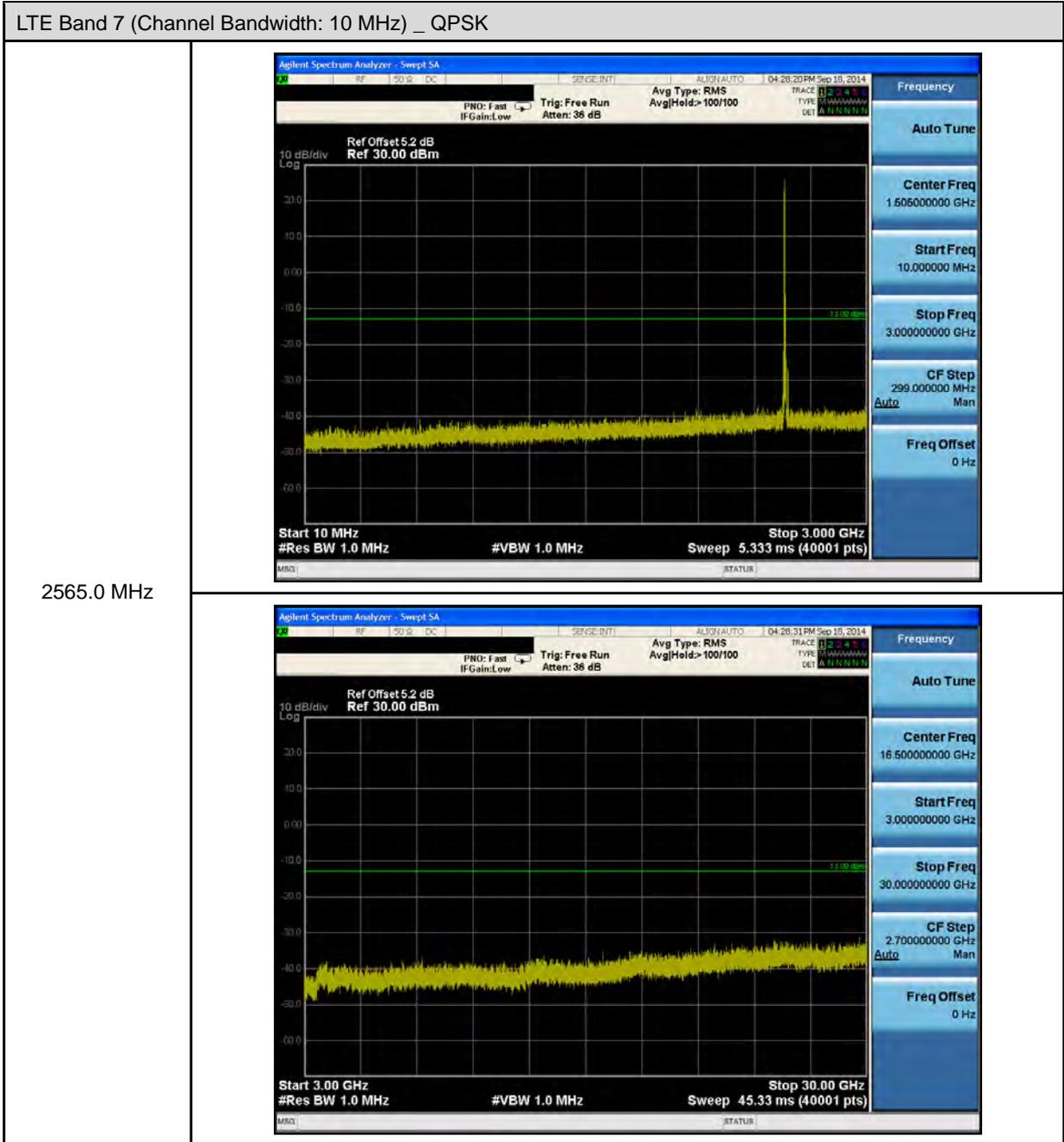


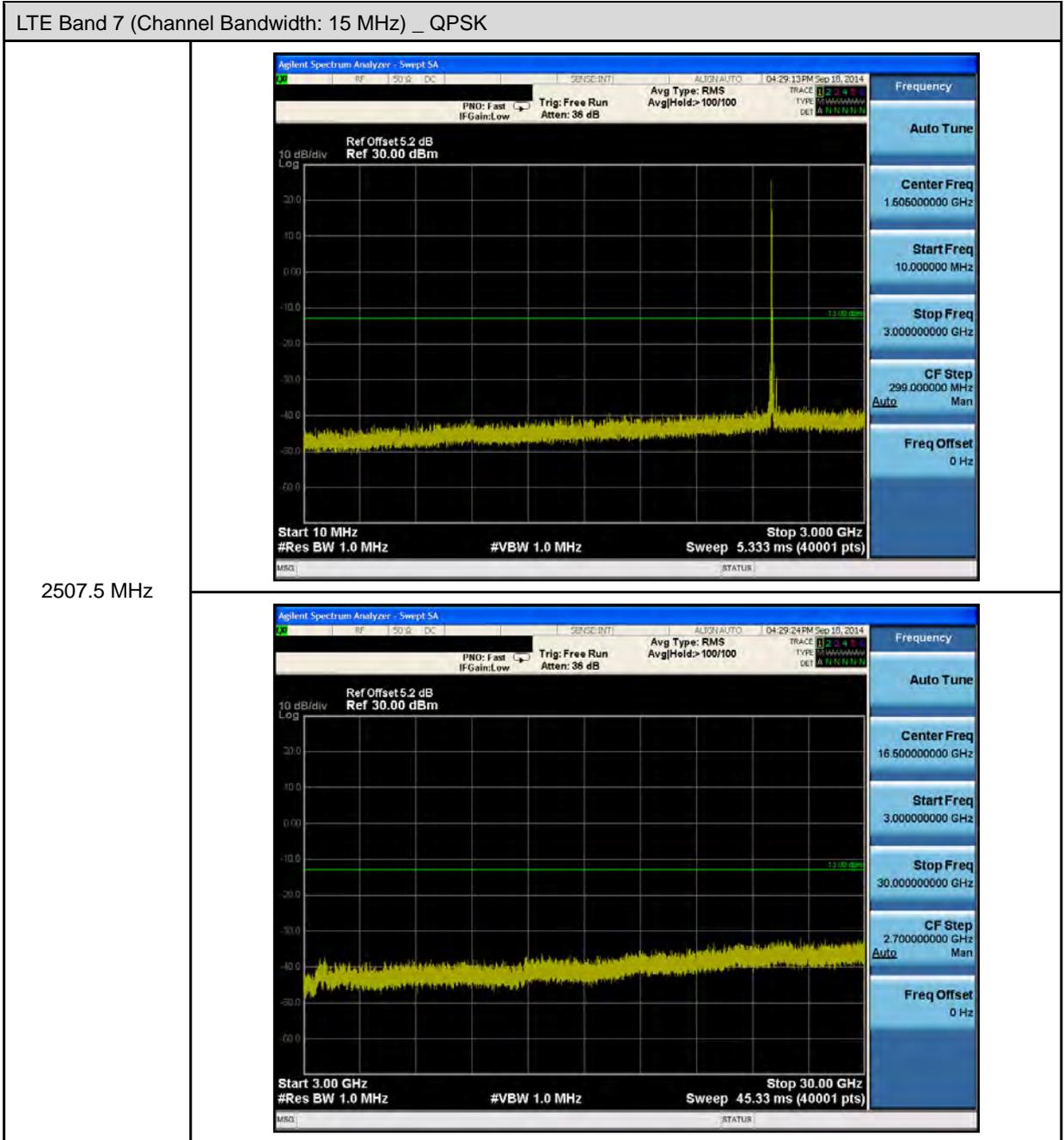


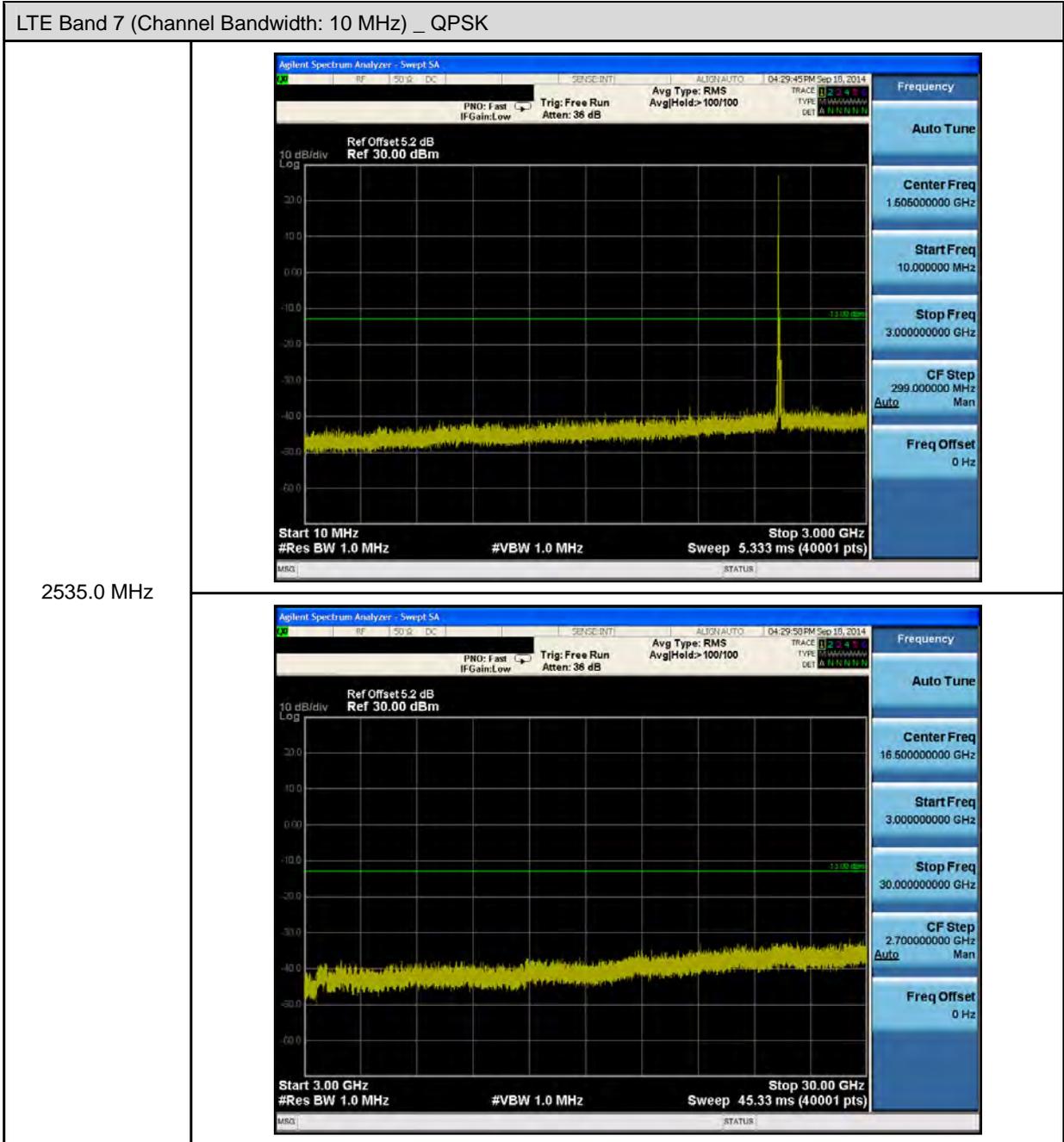


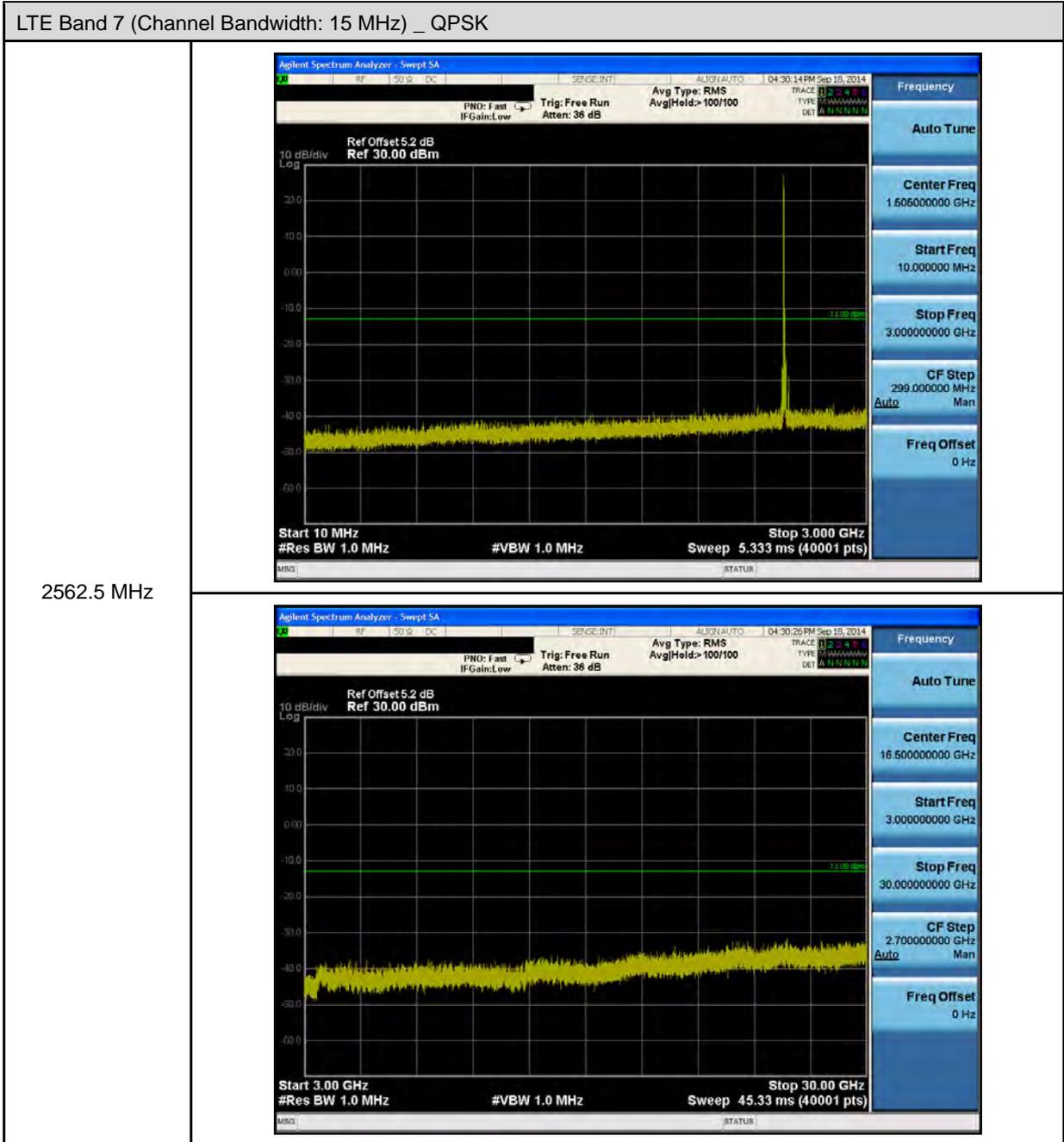


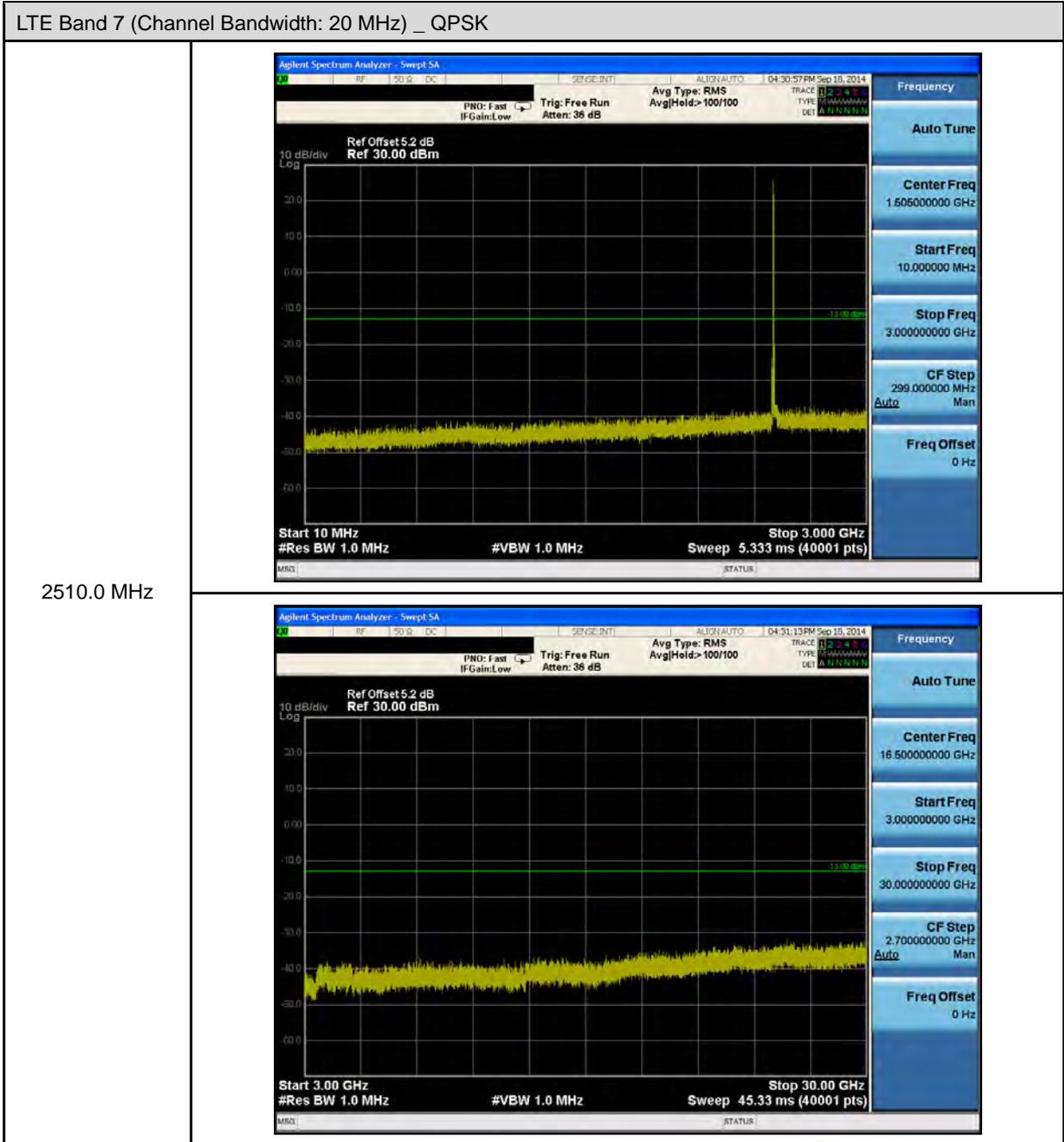


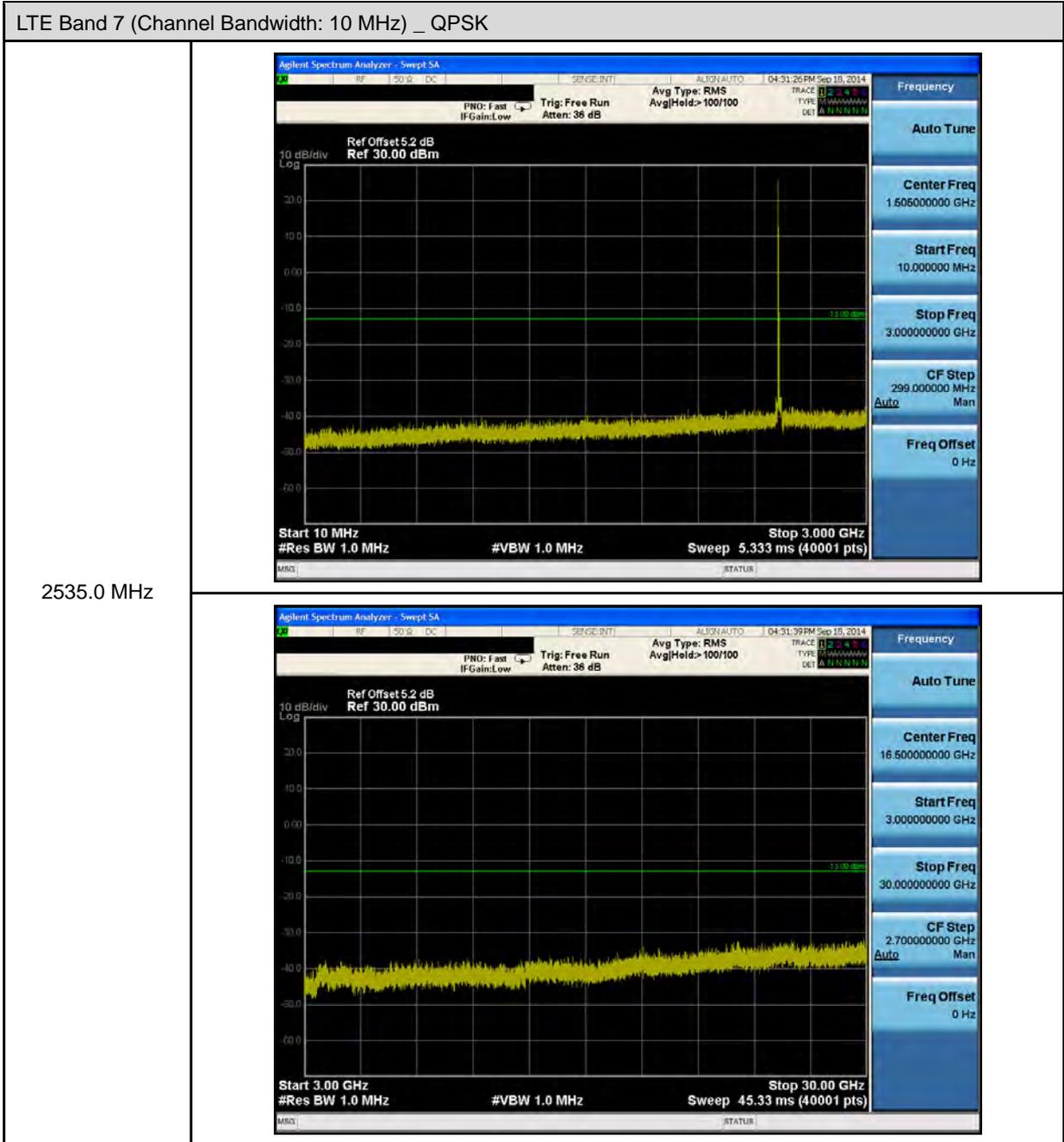


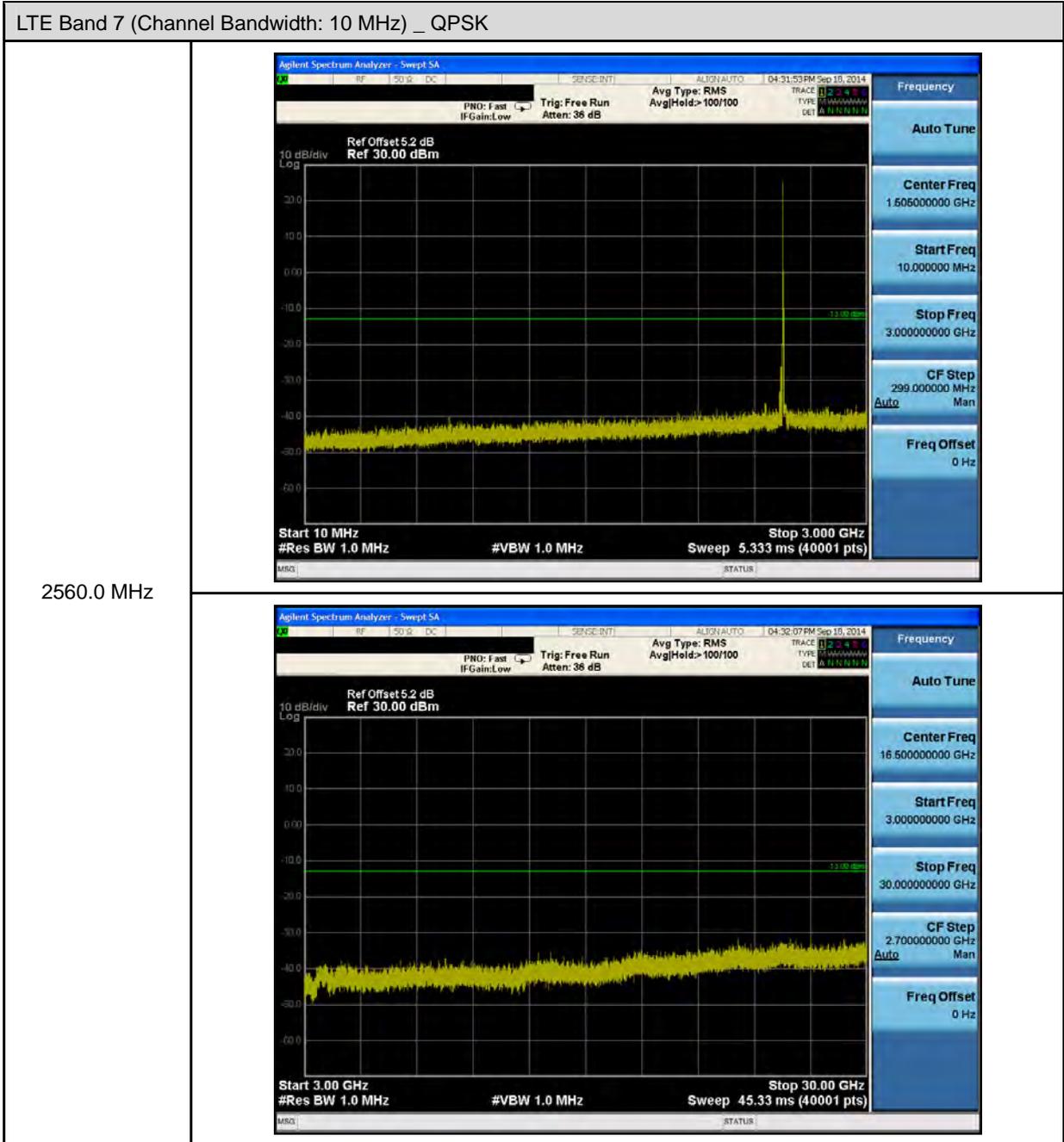


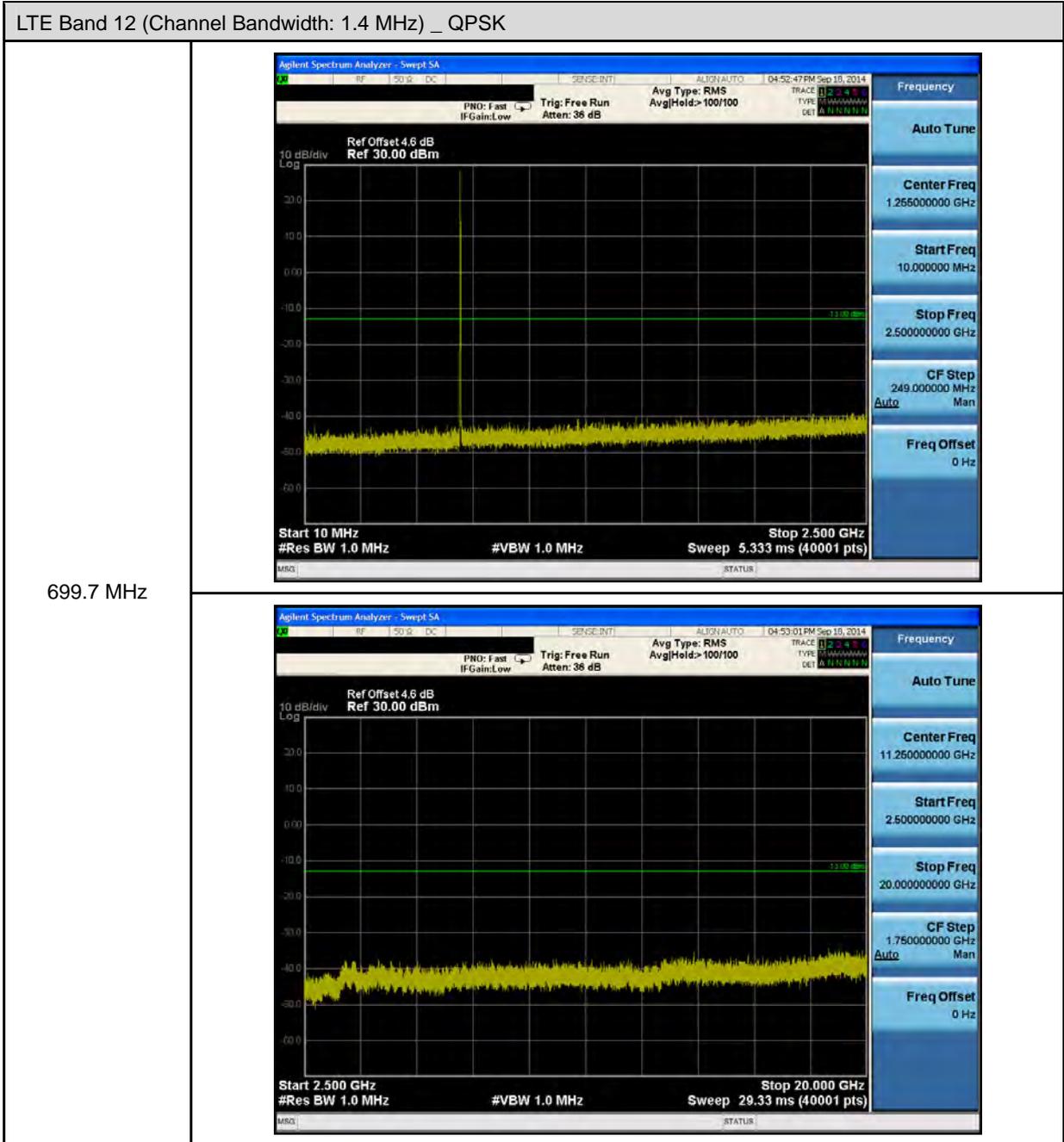


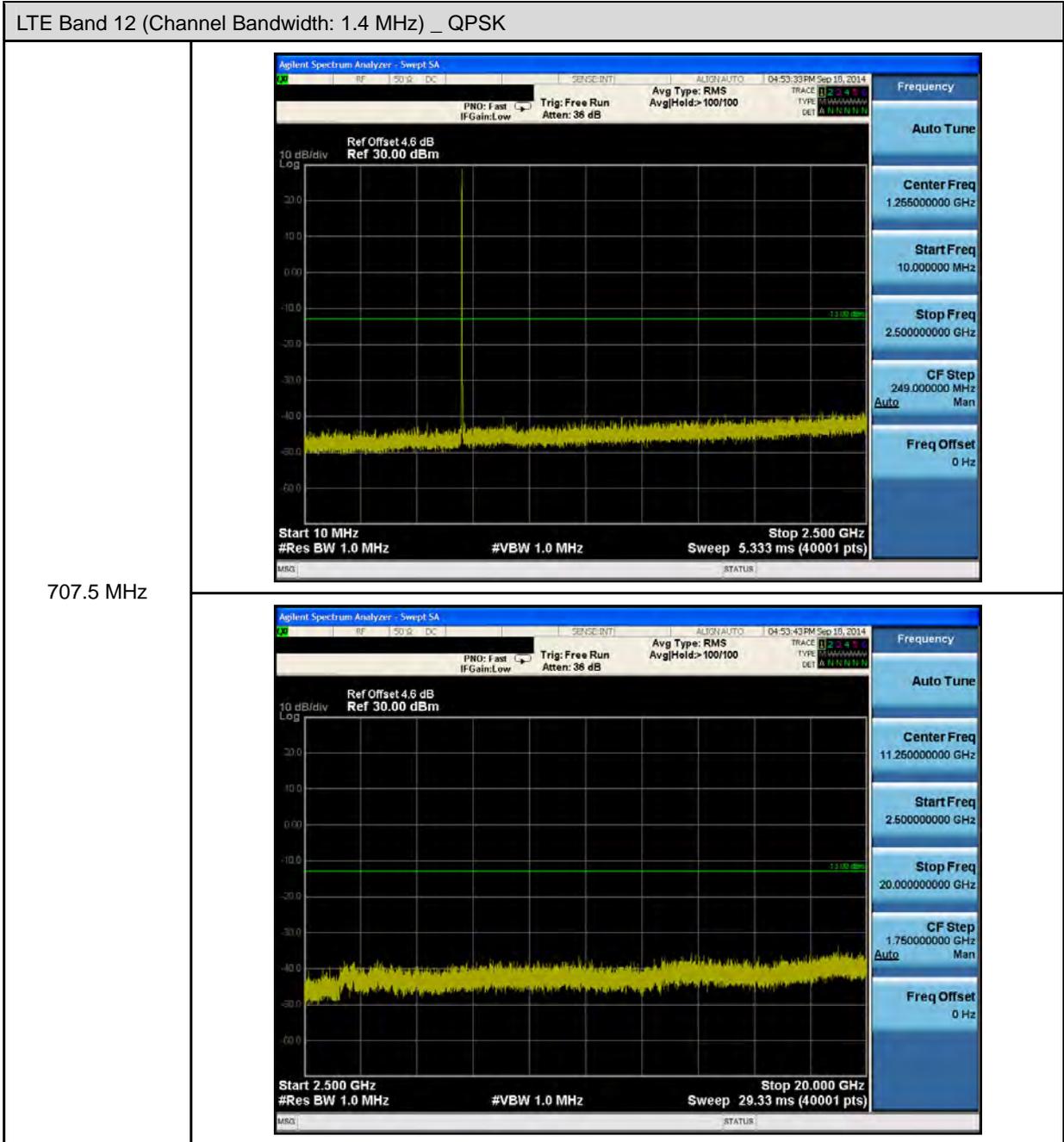


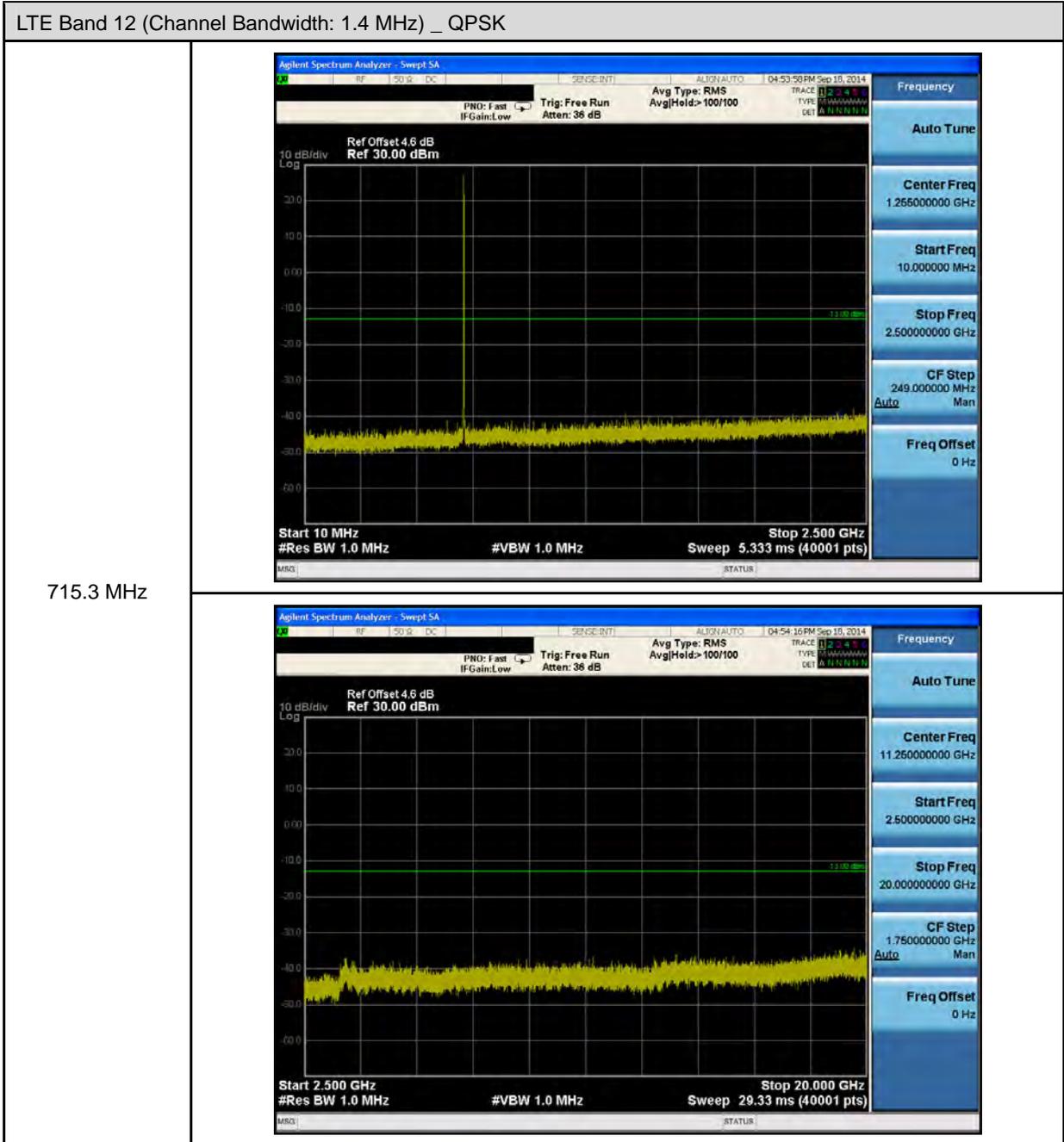


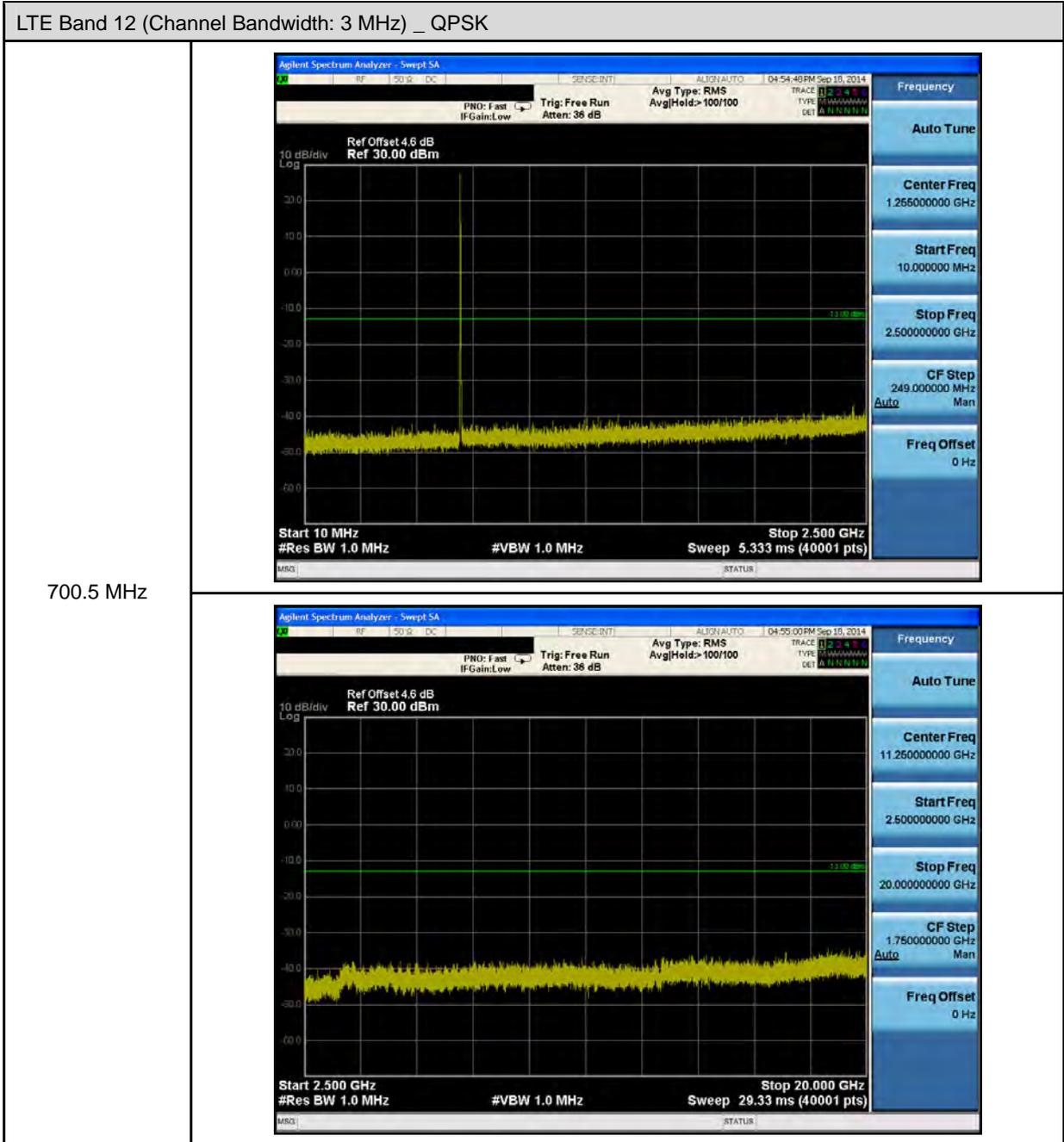


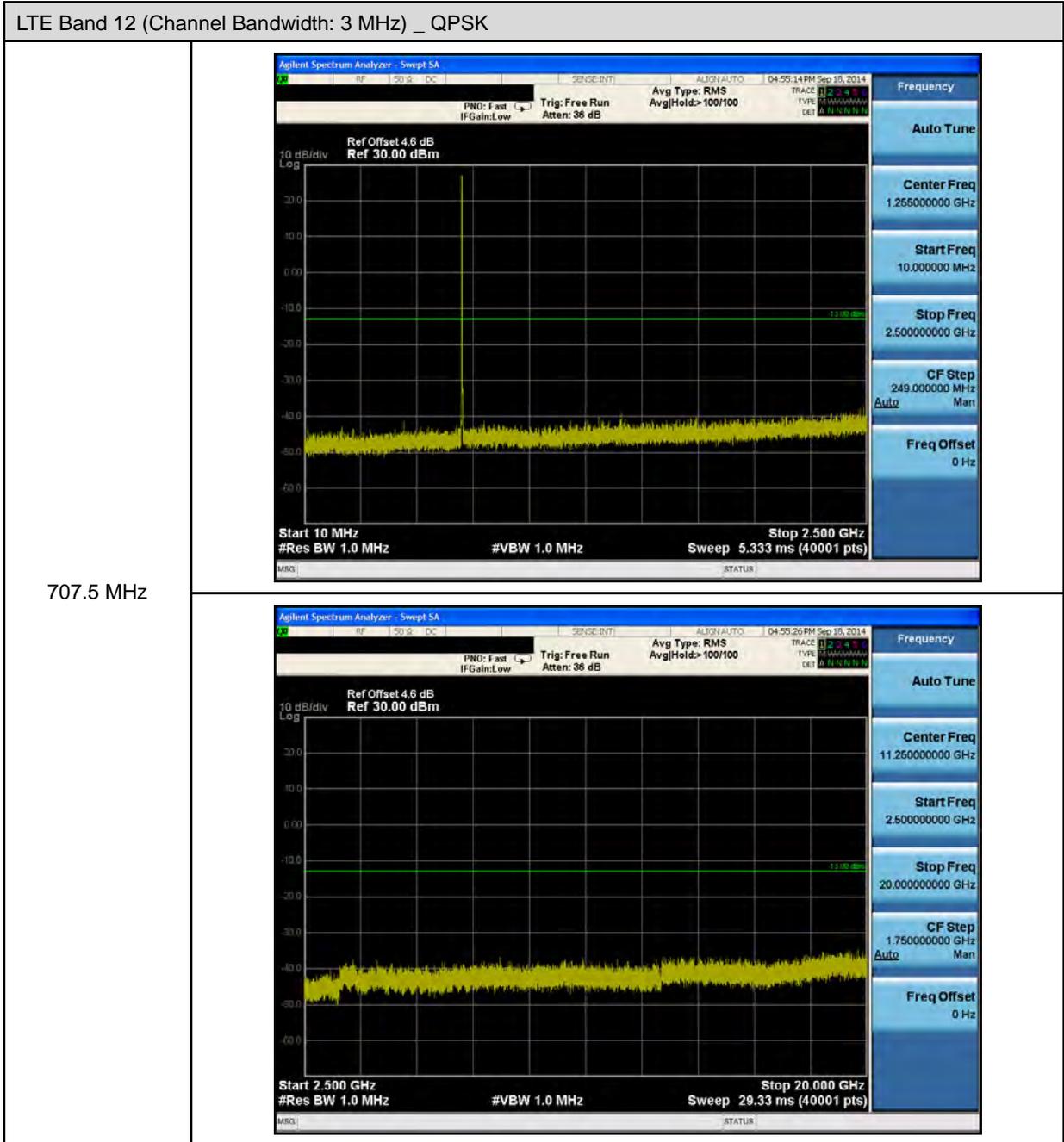


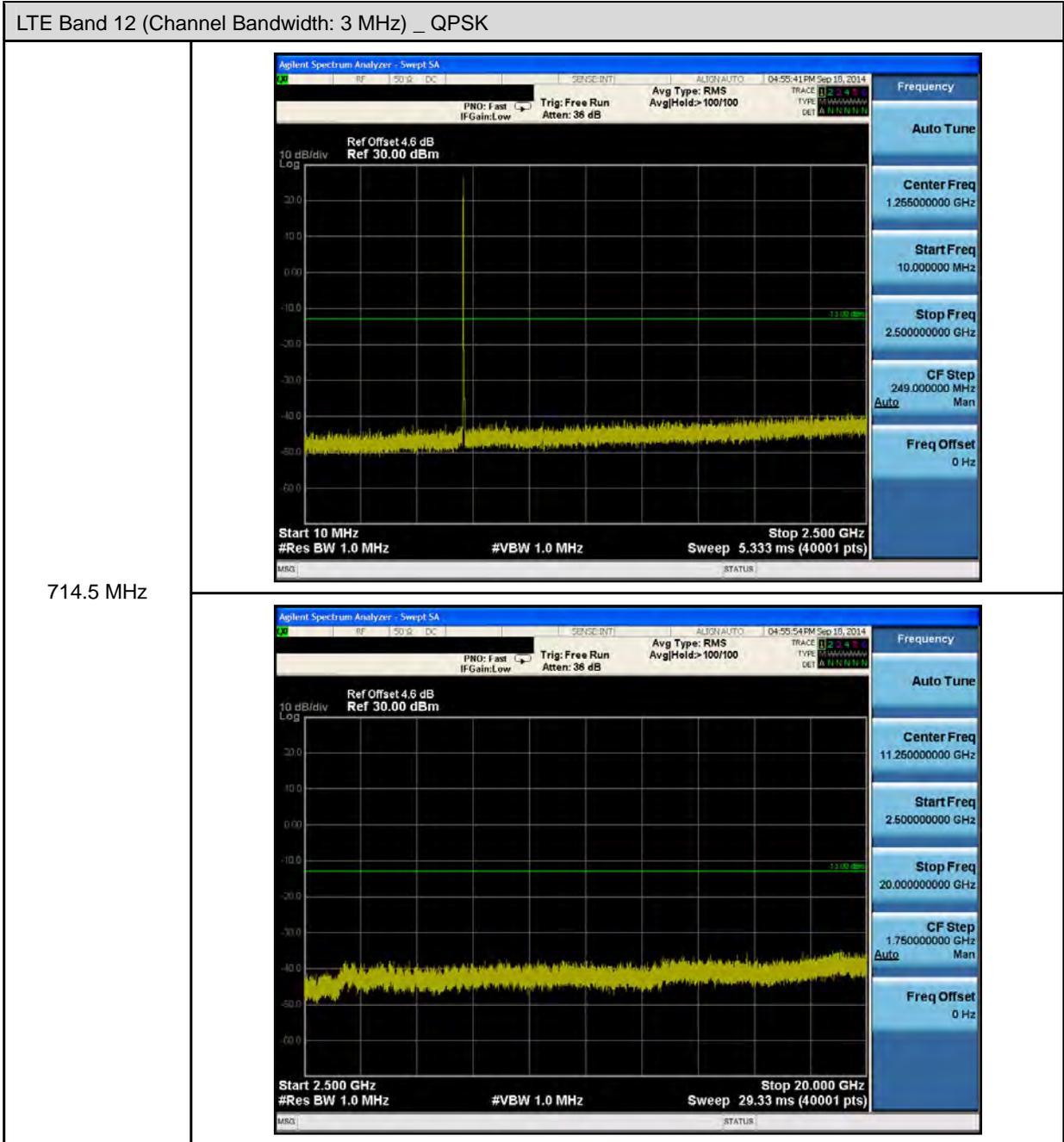


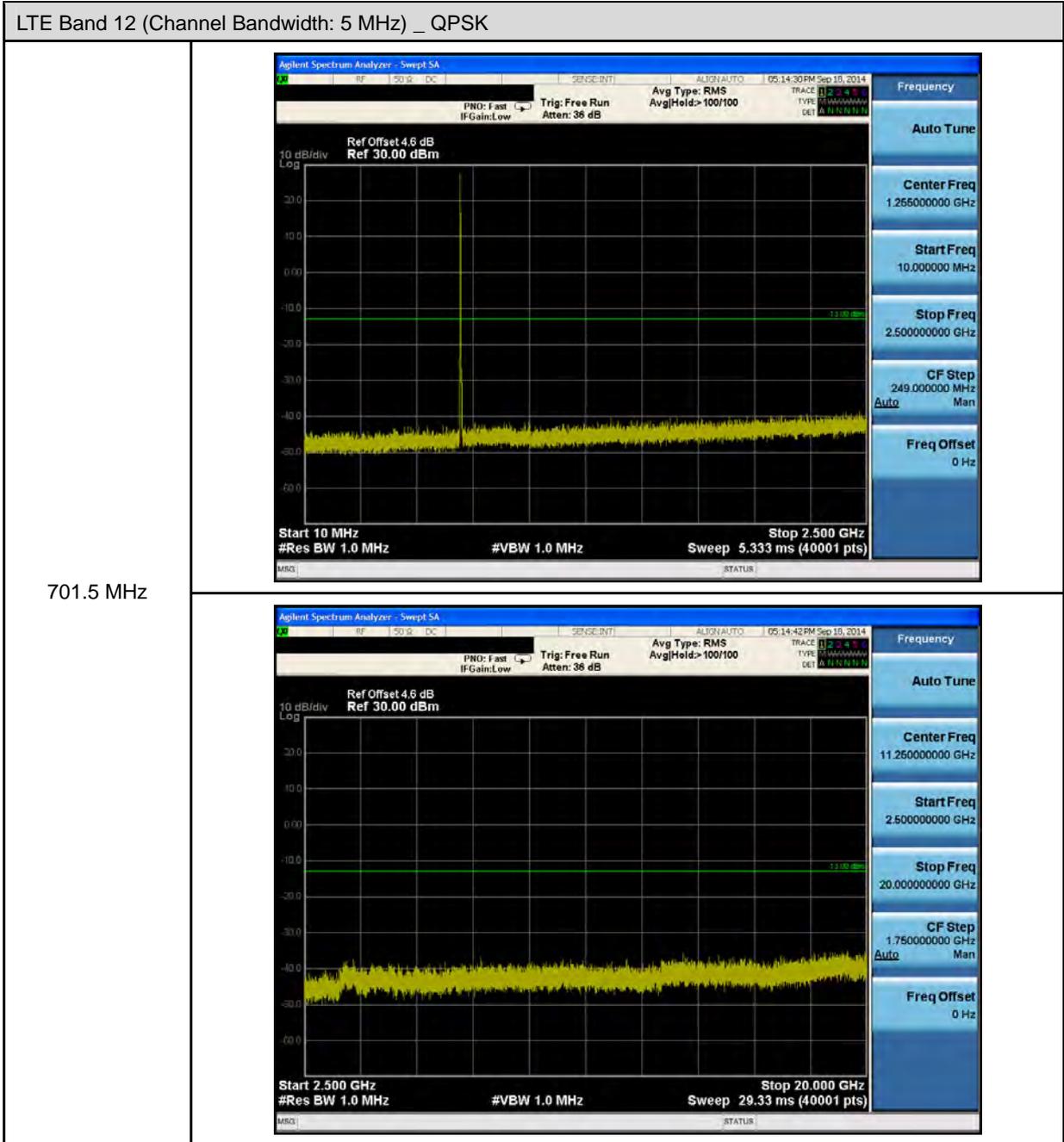


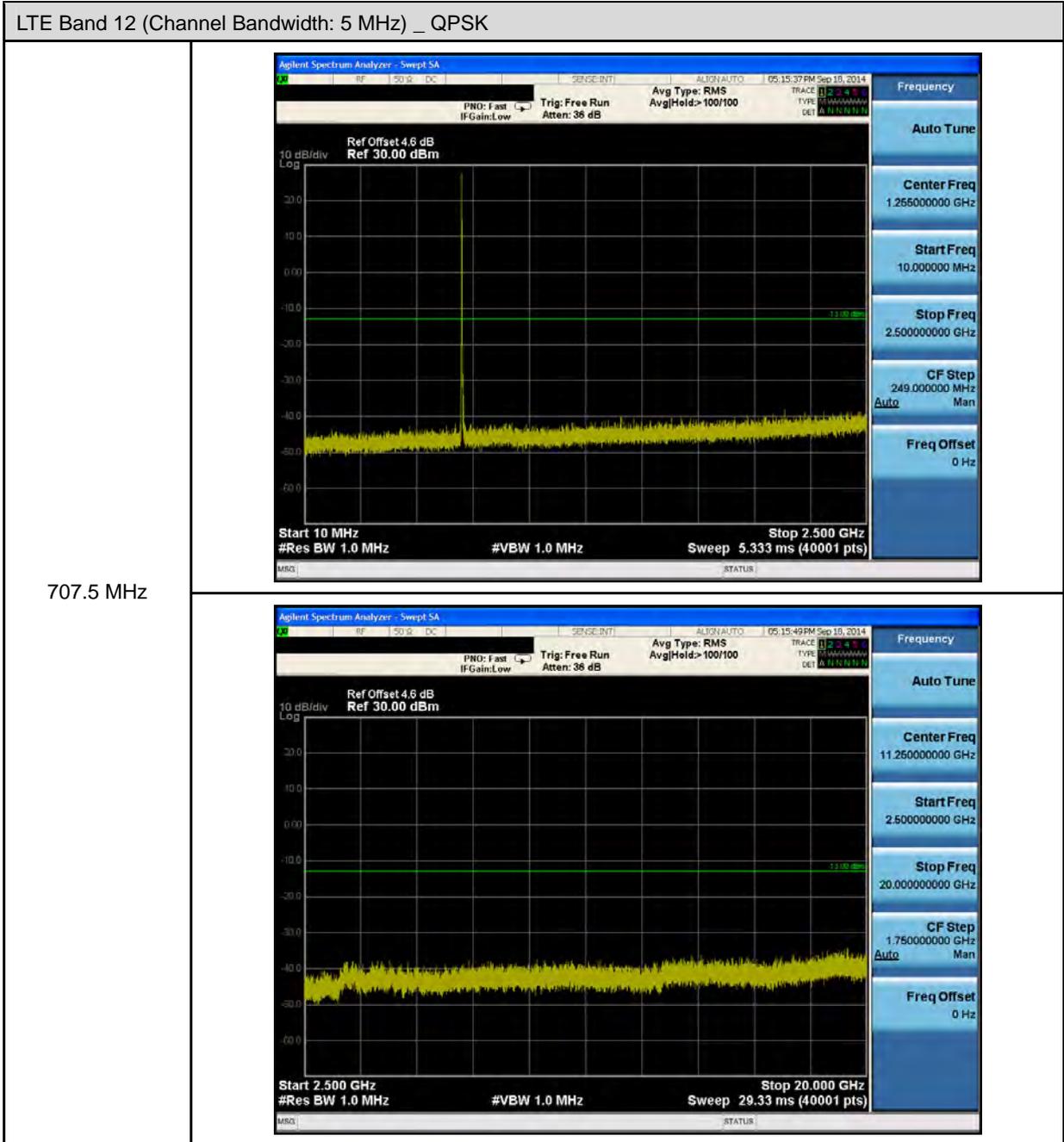


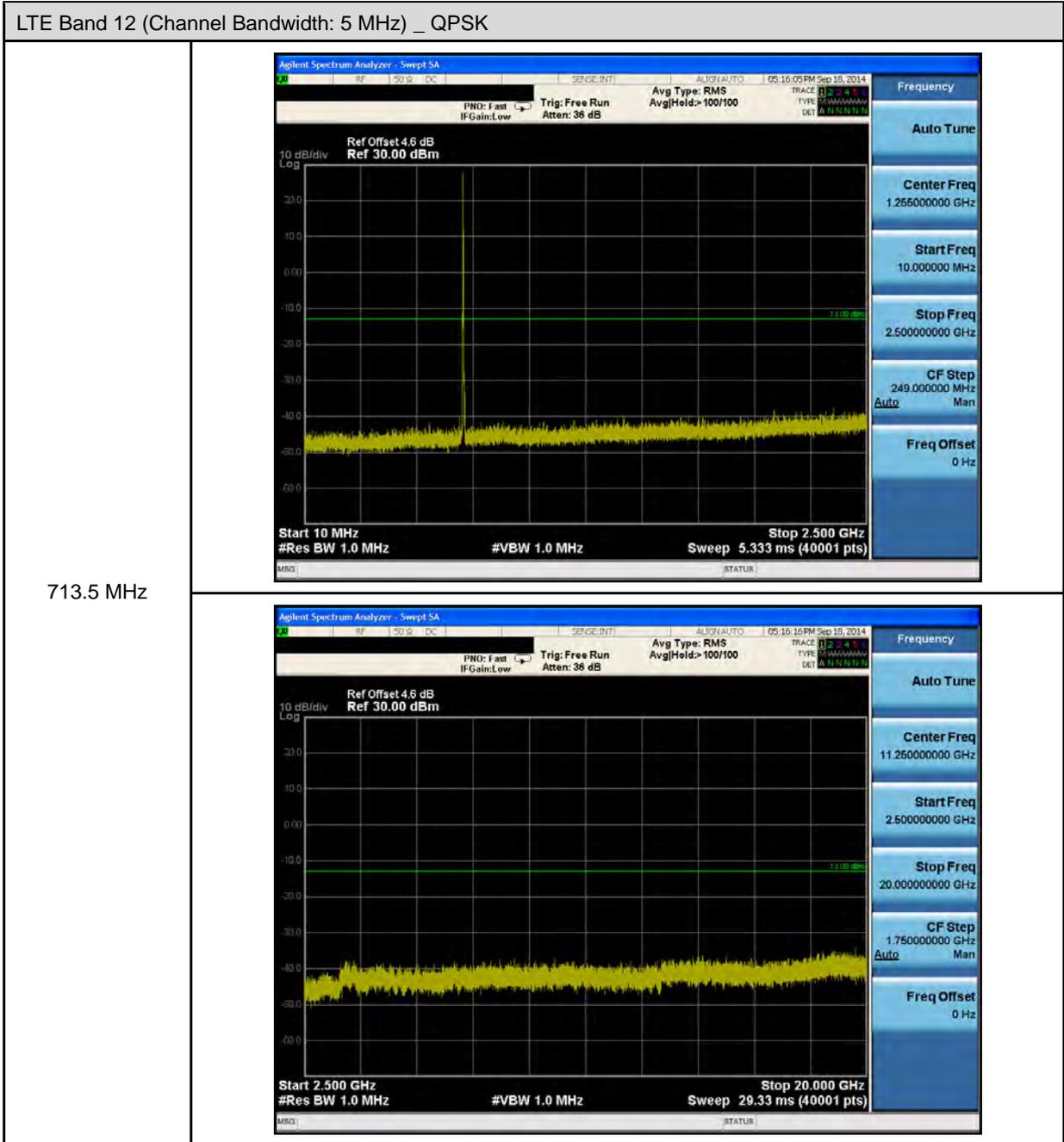


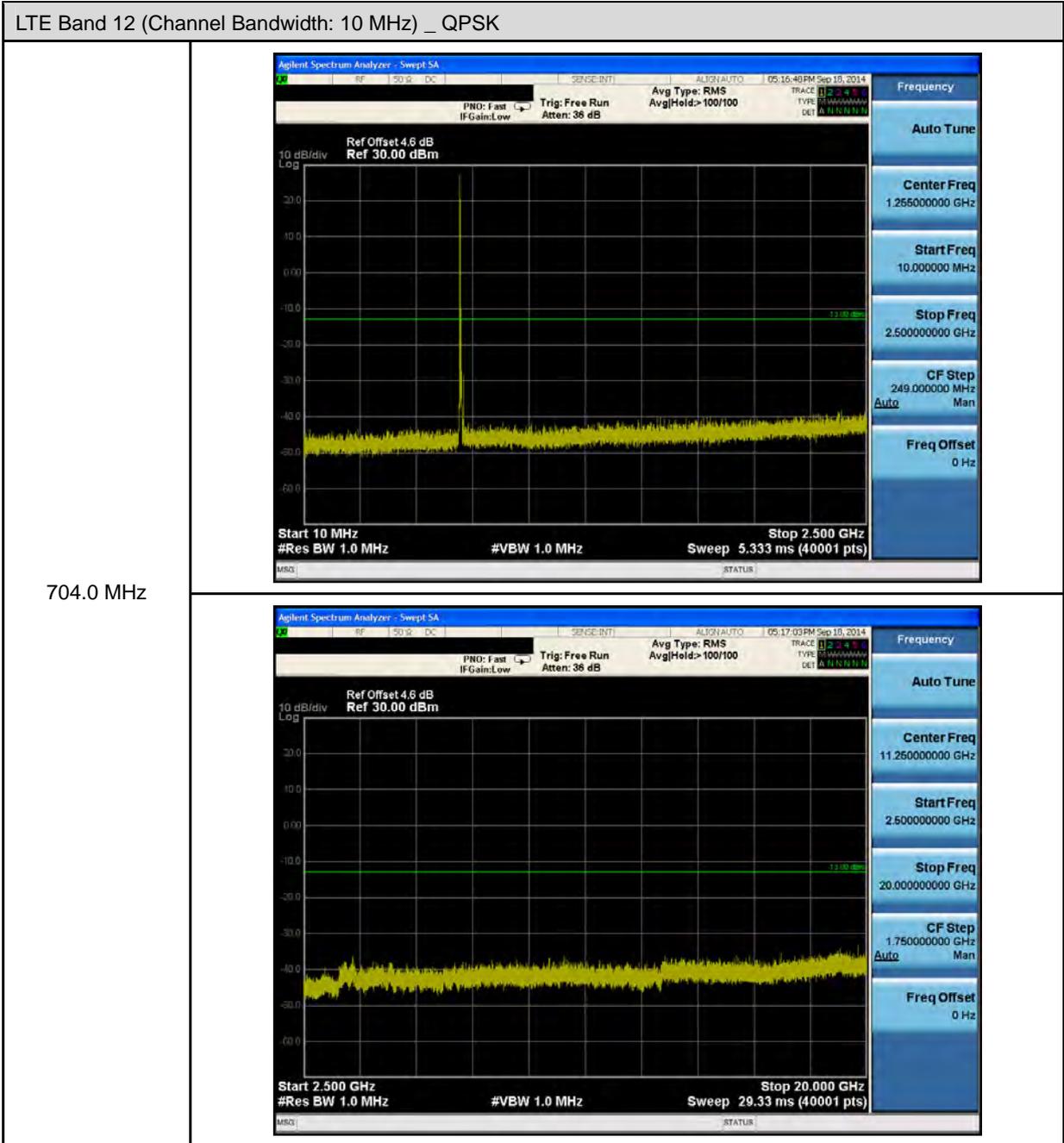


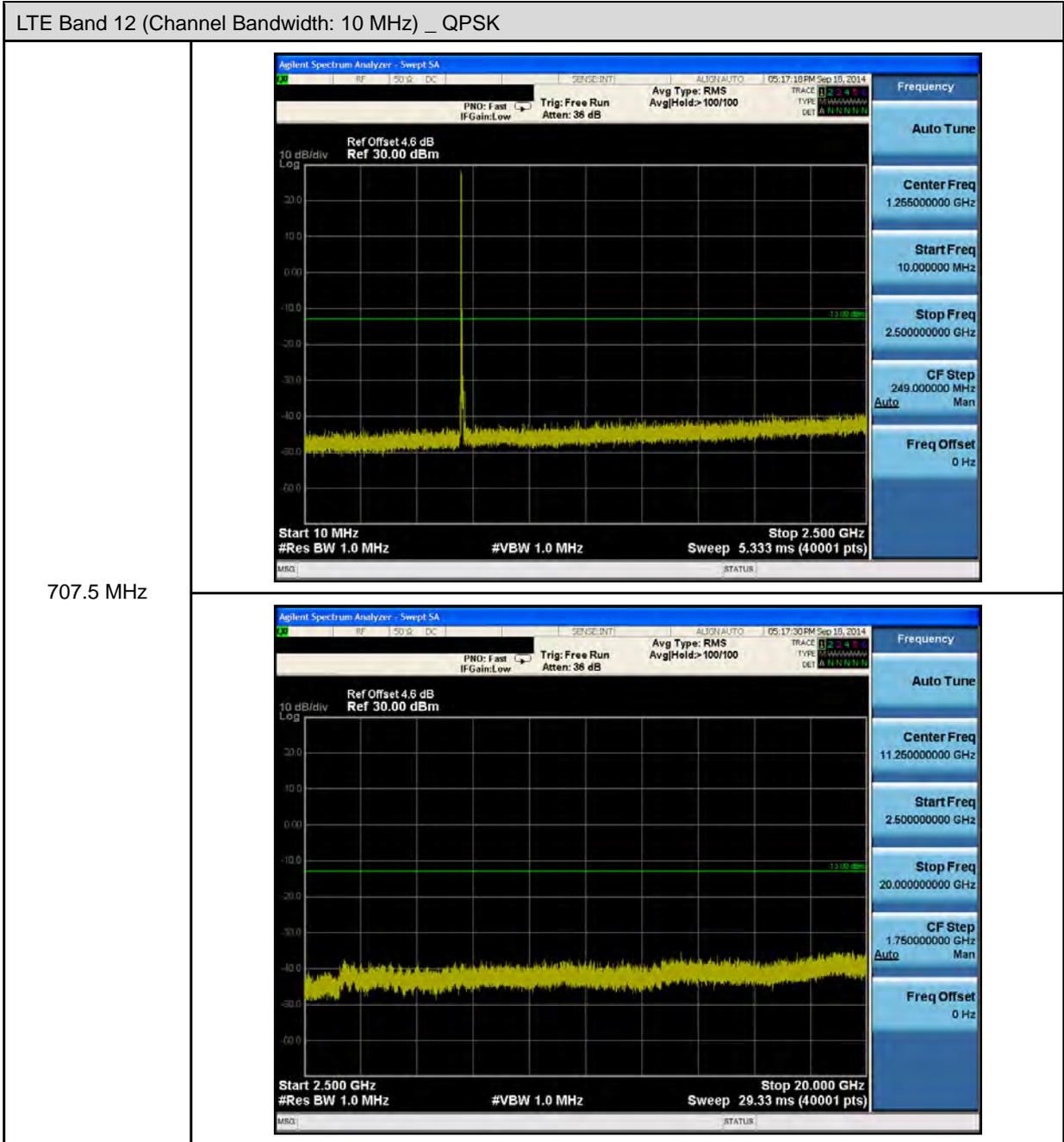


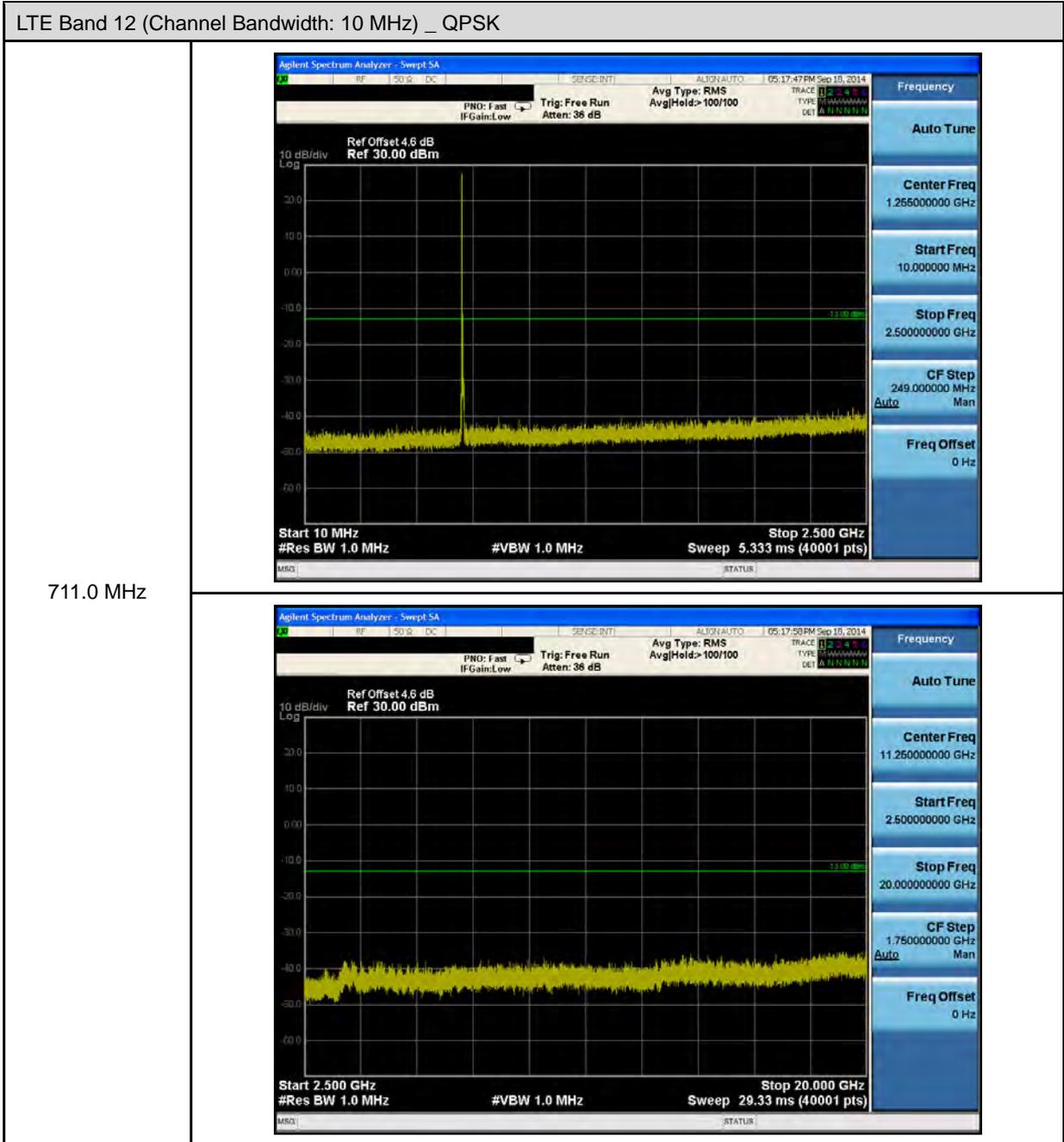


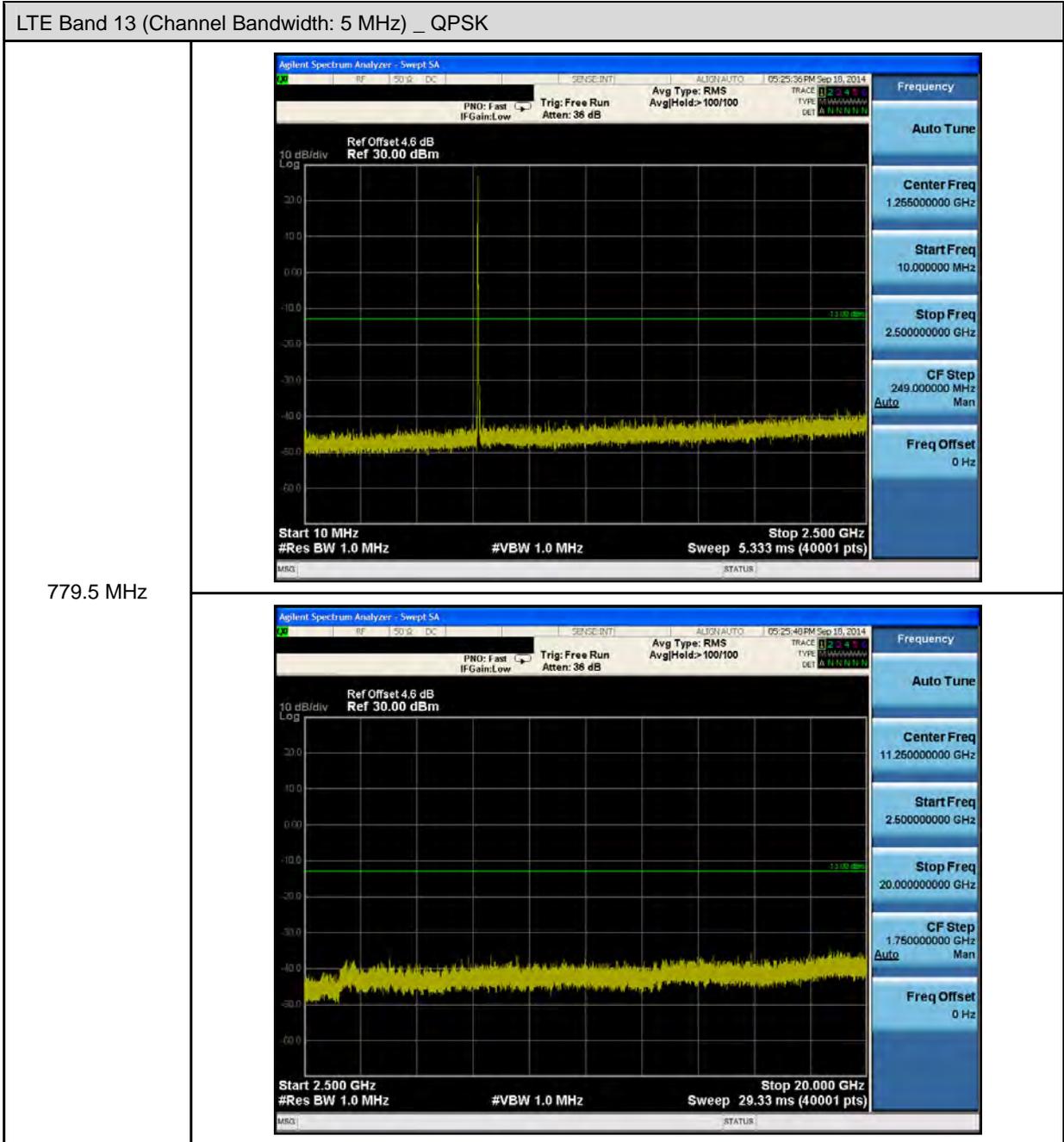


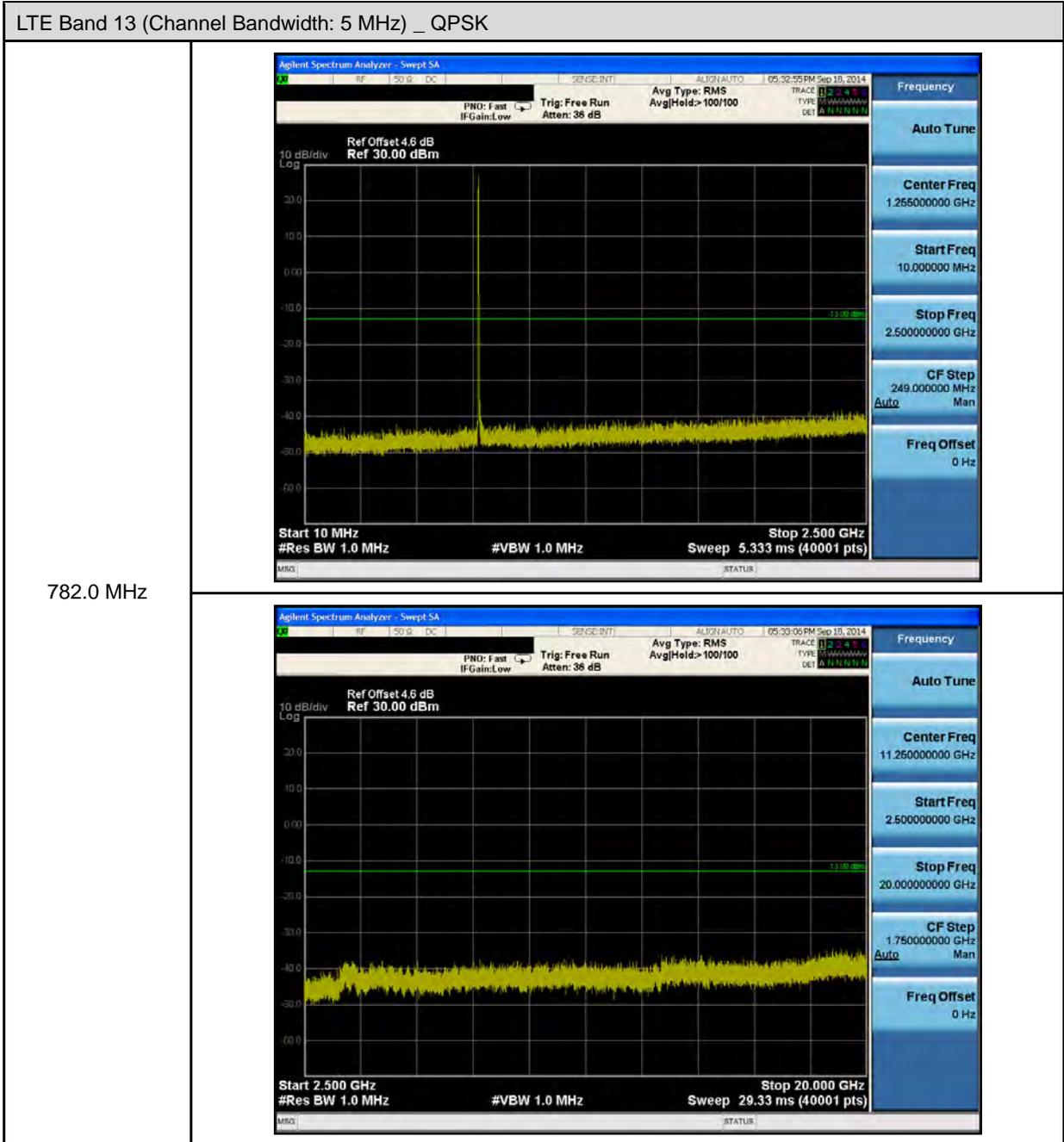


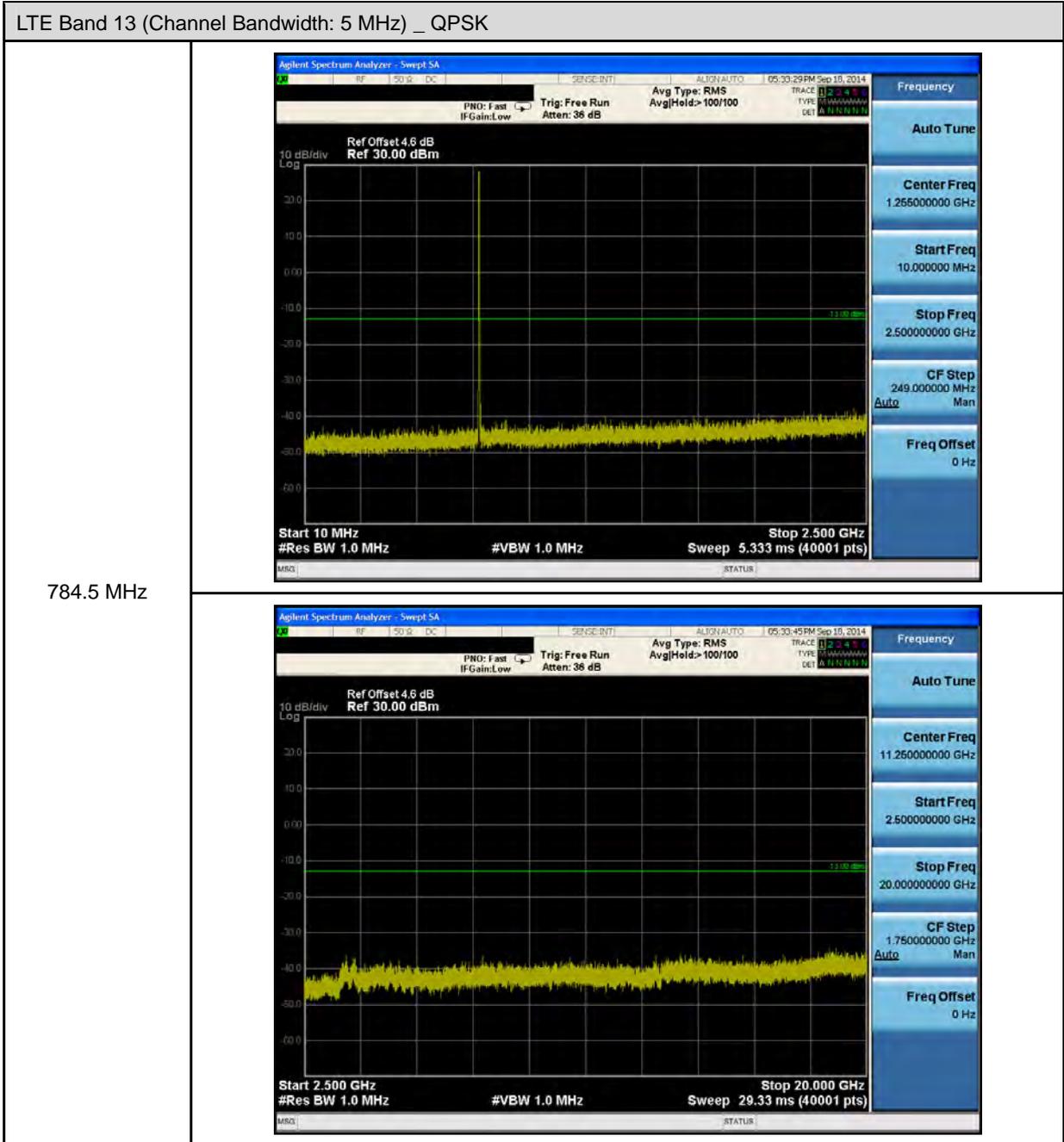


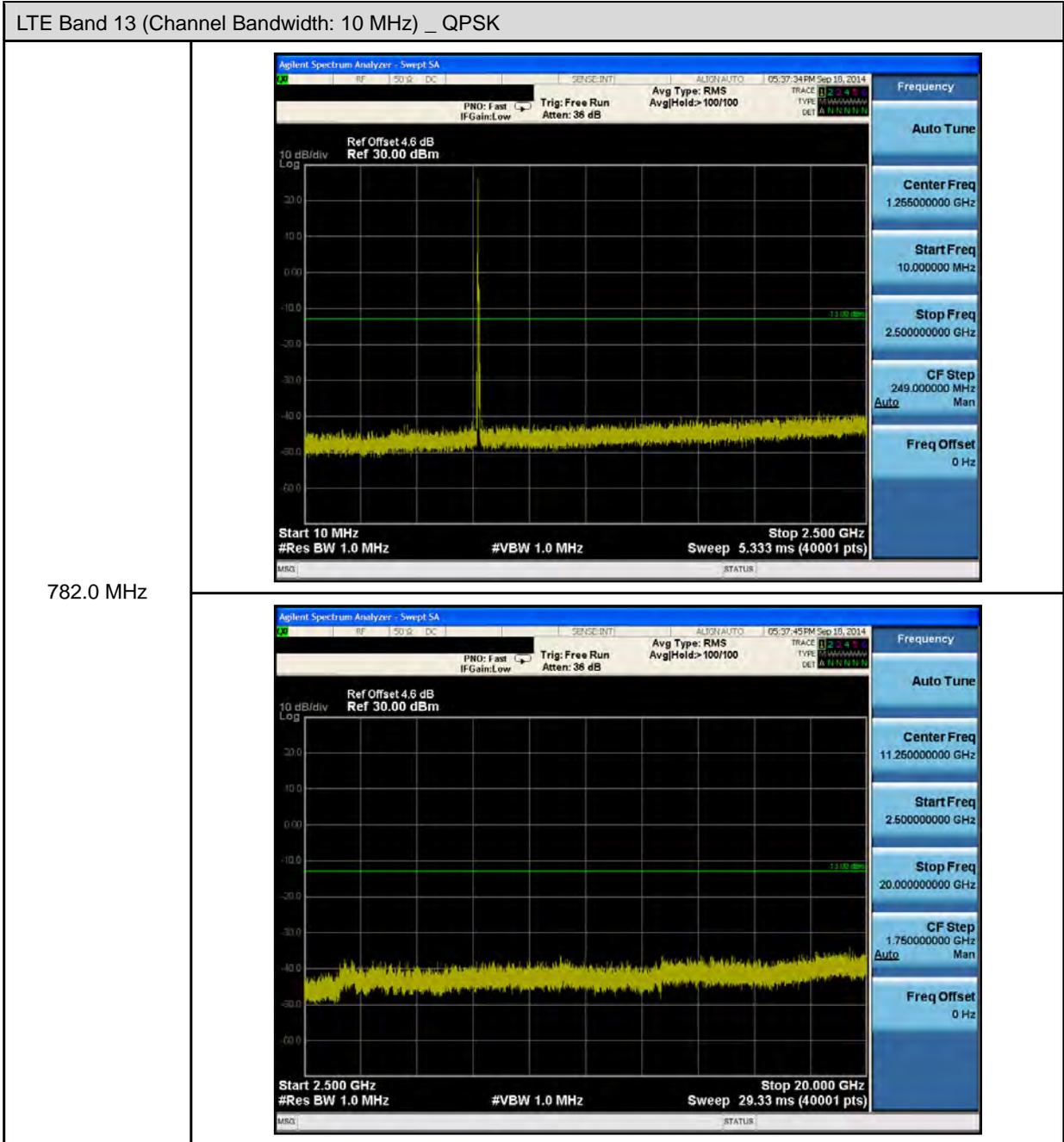


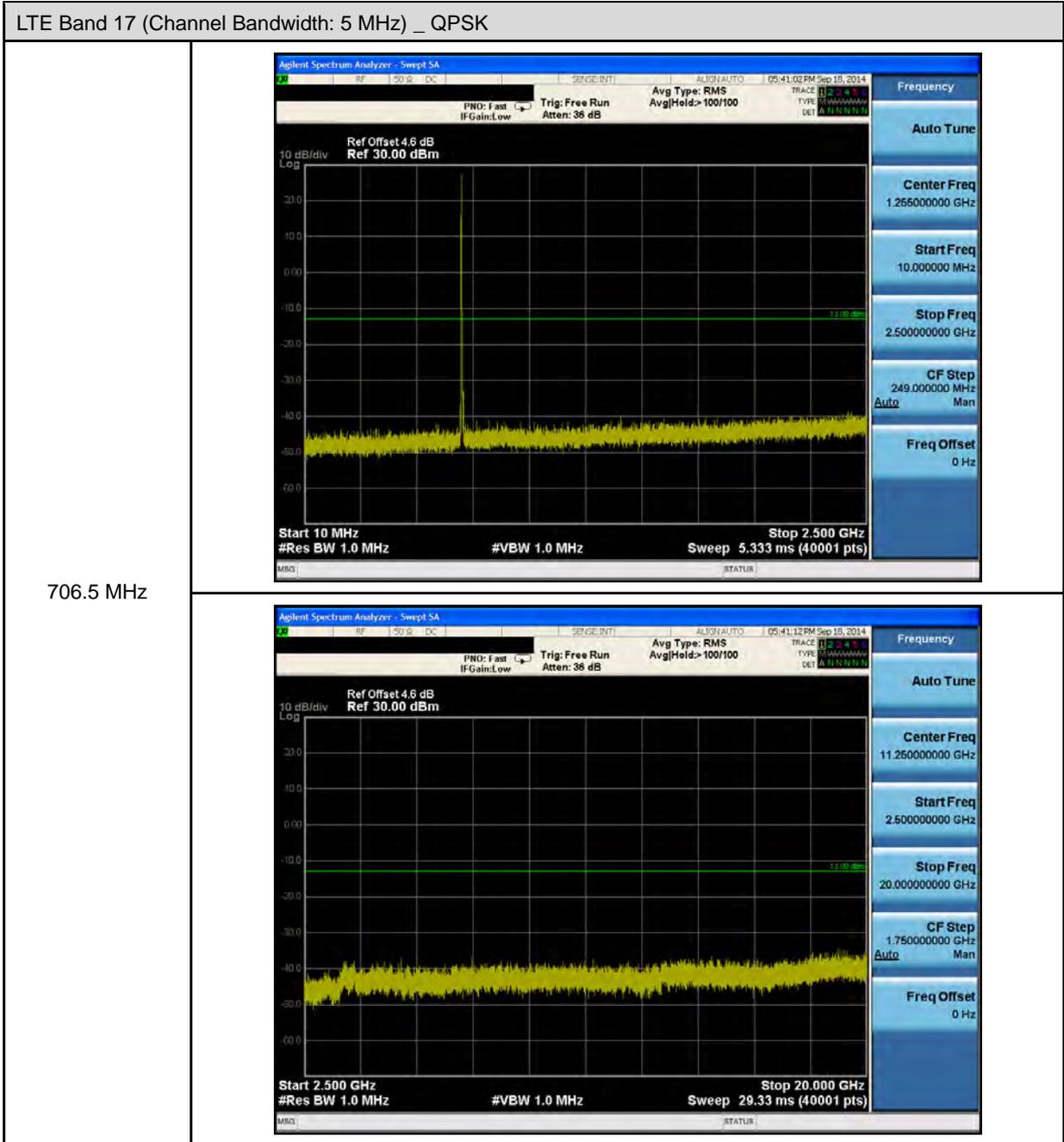


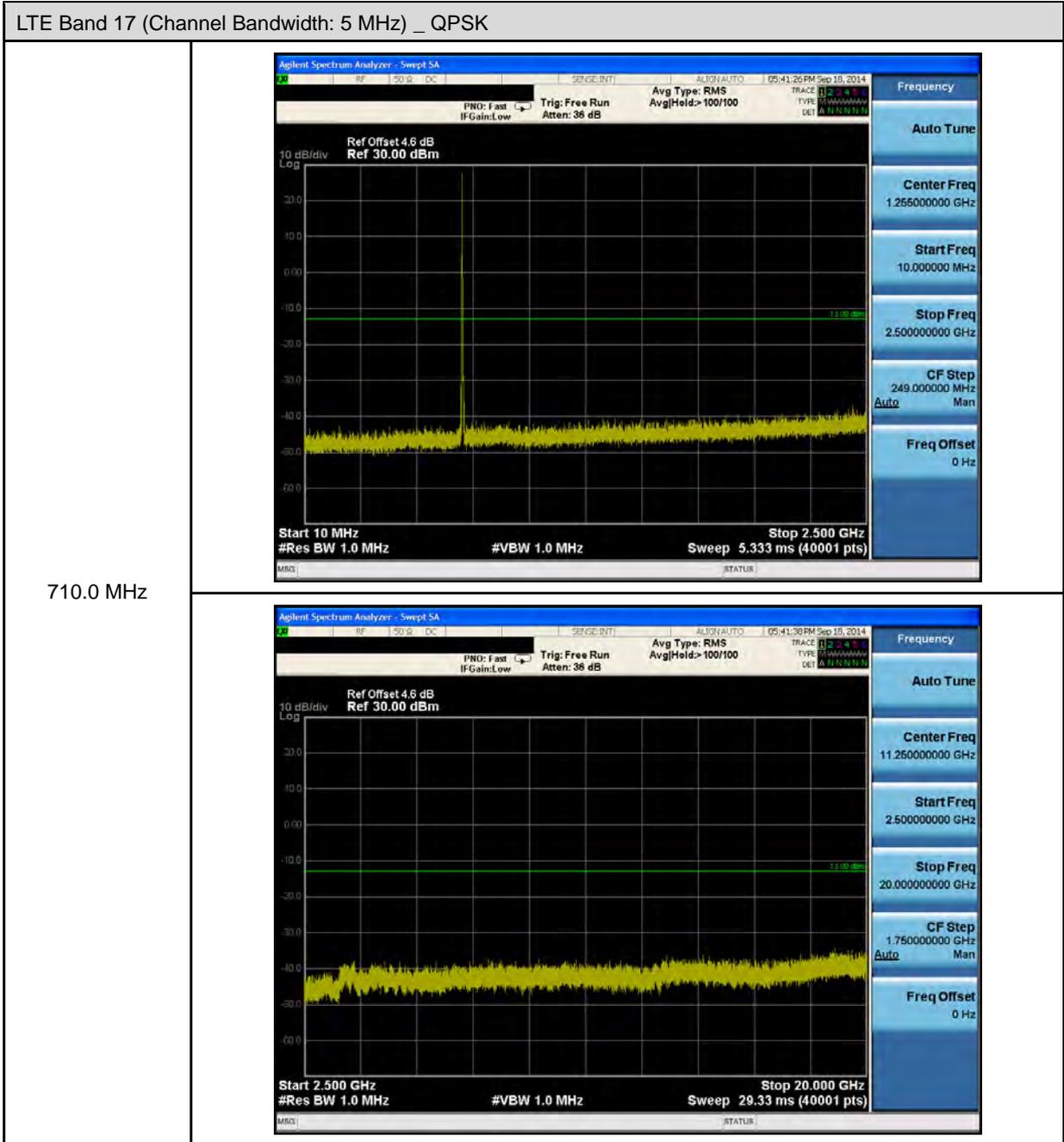


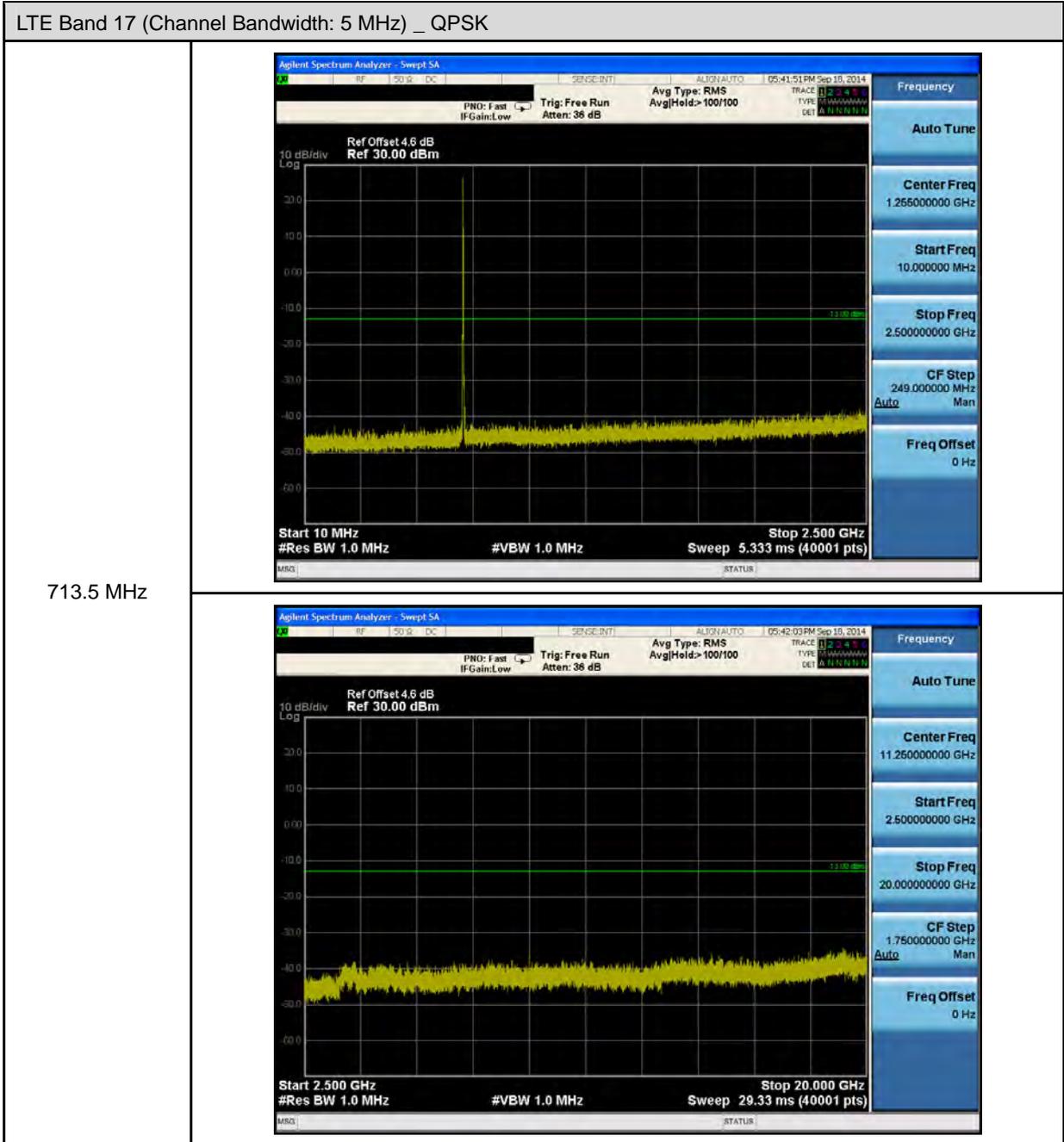


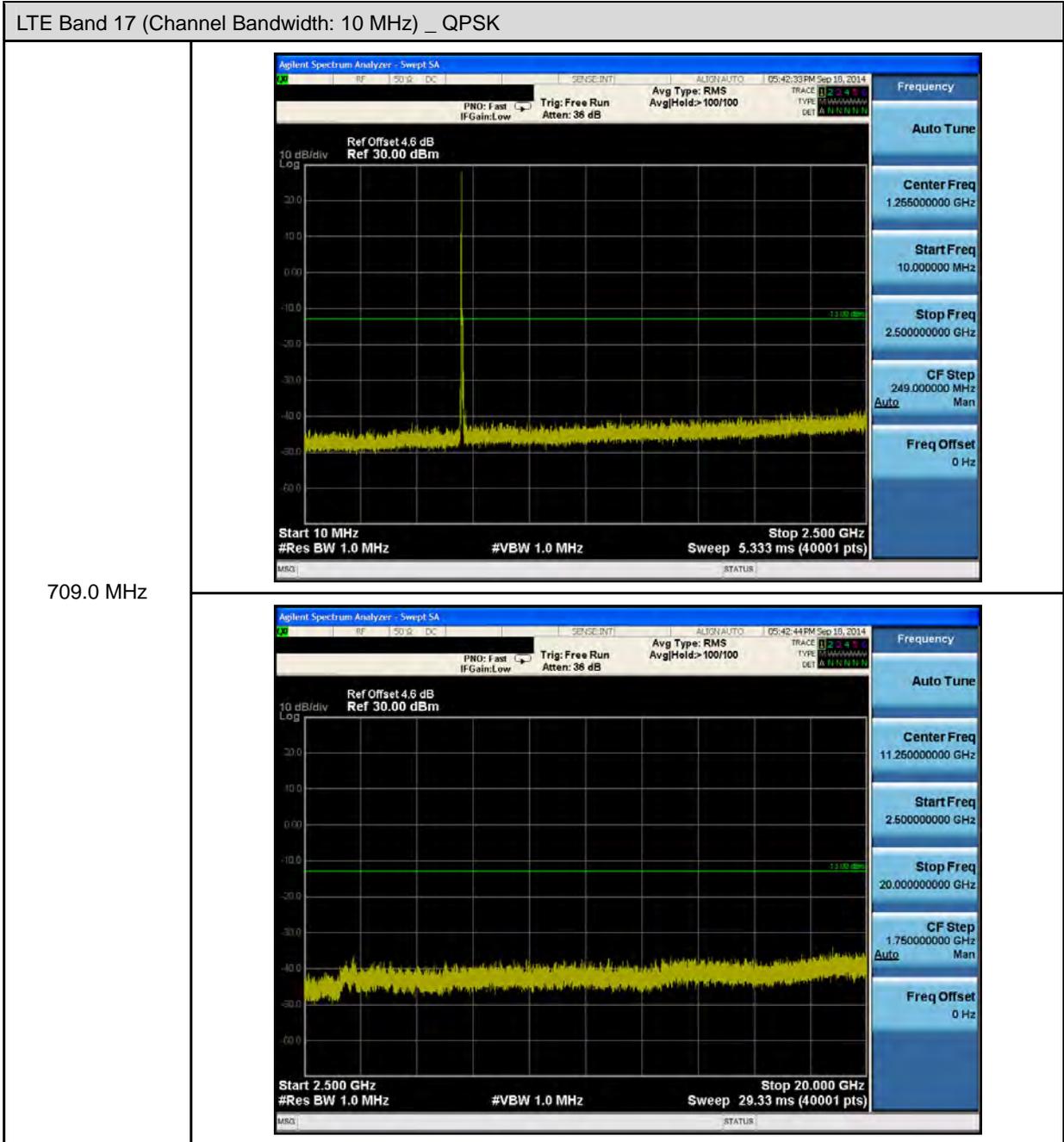


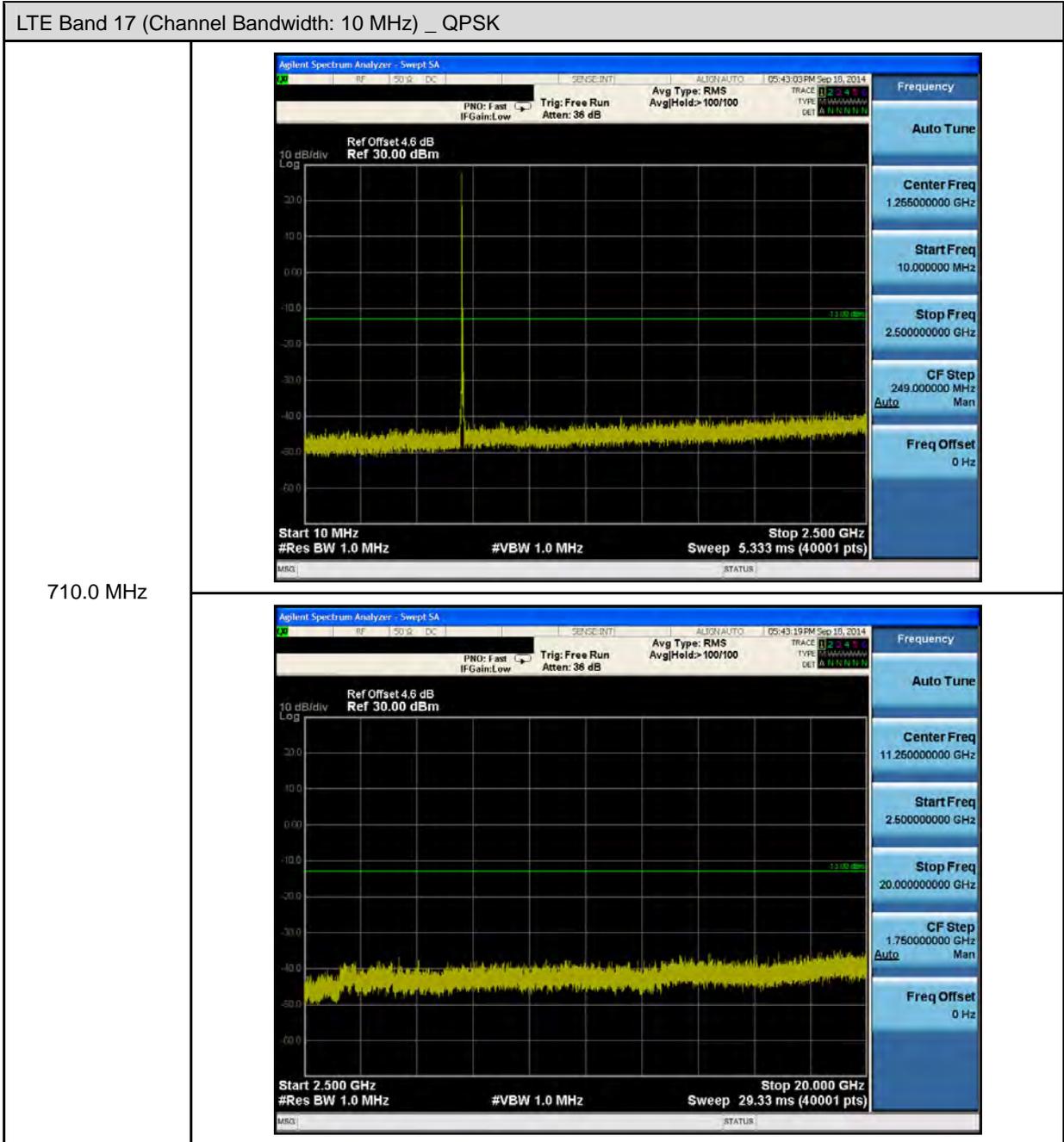


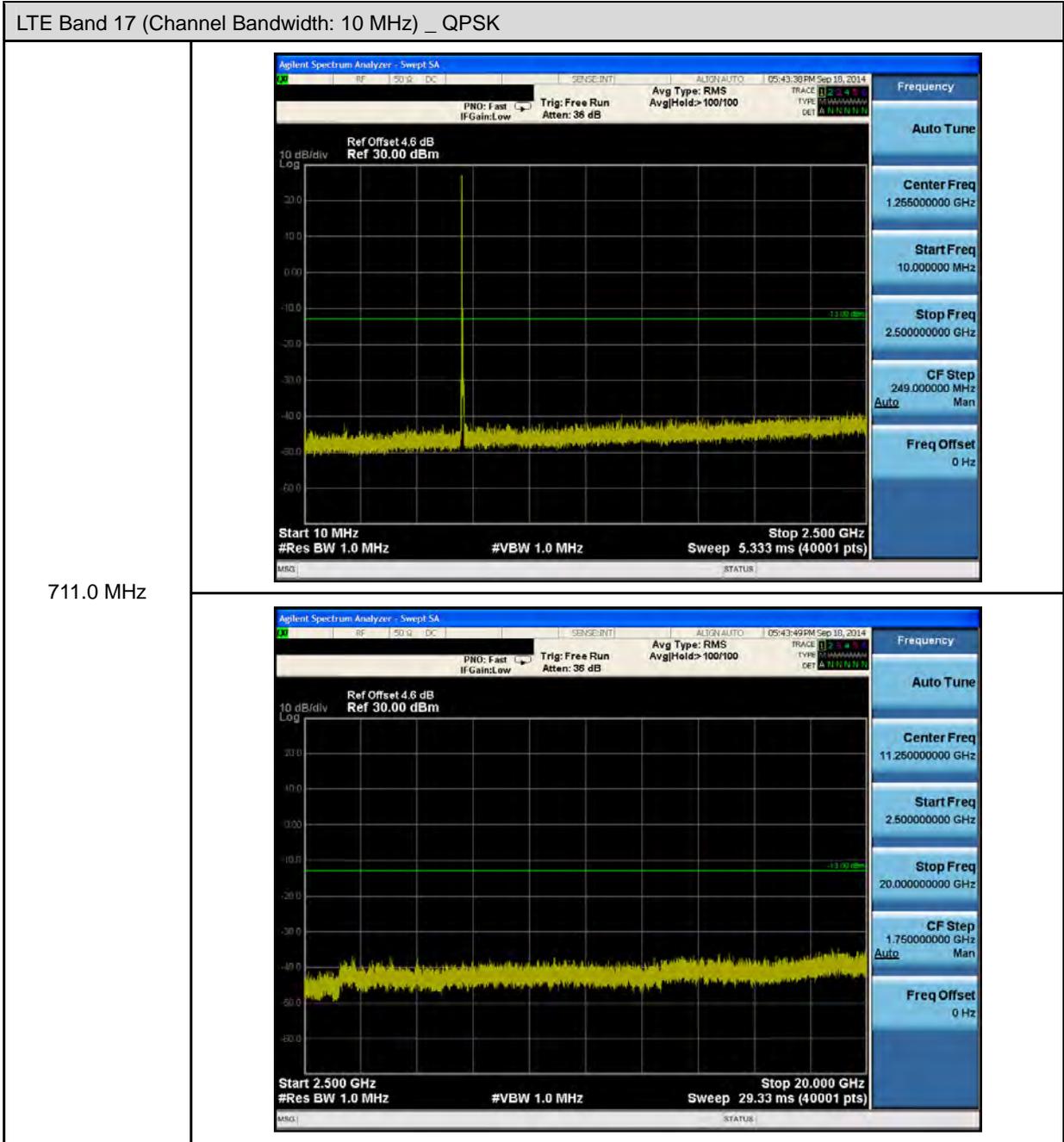












9 Radiated Emission Test

9.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

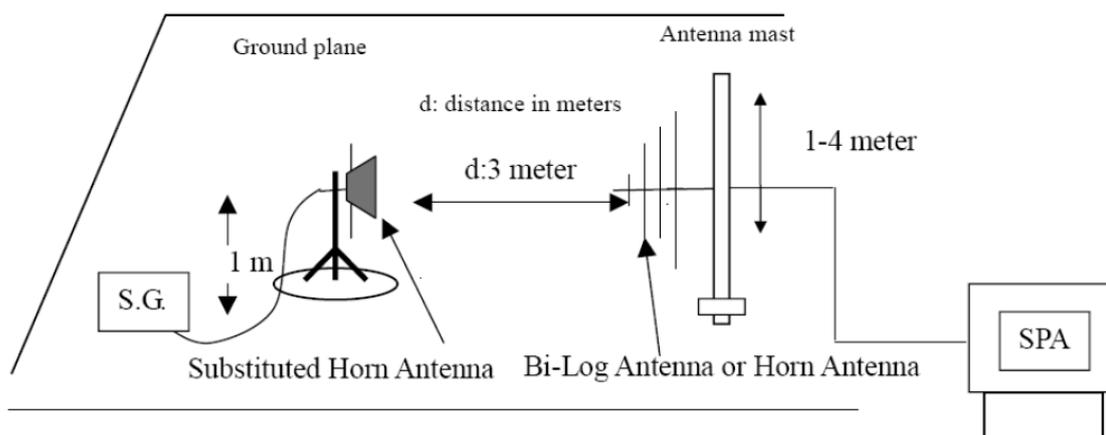
9.2. Test Instruments

3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
RF Pre-selector	Agilent	N9039A	MY46520256	01/10/2014	(1)
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/10/2014	(1)
Pre Amplifier	Agilent	8449B	3008A02237	02/21/2014	(1)
Pre Amplifier	Agilent	8447D	2944A10961	02/21/2014	(1)
Broadband Antenna (30MHz~1GHz)	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	07/22/2014	(1)
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/11/2014	(1)
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	07/02/2014	(1)
Test Site	ATL	TE01	888001	08/28/2014	(1)

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

Note: N.C.R. = No Calibration Request.

9.3. Setup



9.4. Test Procedure

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the receiving antenna, which was mounted on antenna tower and its position at 0.8 m above the ground.
- c. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading and recorded the value.
- d. Repeat step a ~ c for horizontal polarization.

Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

9.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

9.6. Test Result

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1850.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.39	6.90	-66.49	-13.00	-53.49	peak	H
2	288.0000	-61.04	-4.10	-65.14	-13.00	-52.14	peak	H
3	367.5000	-60.82	-0.49	-61.31	-13.00	-48.31	peak	H
4	480.0000	-72.25	4.99	-67.26	-13.00	-54.26	peak	H
5	576.0000	-75.75	6.64	-69.11	-13.00	-56.11	peak	H
6	701.5000	-77.19	6.91	-70.28	-13.00	-57.28	peak	H
7	3364.000	-71.11	12.57	-58.54	-13.00	-45.54	peak	H
8	4708.000	-74.17	15.11	-59.06	-13.00	-46.06	peak	H
9	7168.000	-74.32	24.01	-50.31	-13.00	-37.31	peak	H
1	144.0000	-65.62	14.96	-50.66	-13.00	-37.66	peak	V
2	200.5000	-63.06	9.73	-53.33	-13.00	-40.33	peak	V
3	336.0000	-62.34	0.50	-61.84	-13.00	-48.84	peak	V
4	480.0000	-60.79	1.65	-59.14	-13.00	-46.14	peak	V
5	601.5000	-67.48	6.63	-60.85	-13.00	-47.85	peak	V
6	672.0000	-75.71	9.23	-66.48	-13.00	-53.48	peak	V
7	3184.000	-69.71	15.06	-54.65	-13.00	-41.65	peak	V
8	4720.000	-73.91	19.52	-54.39	-13.00	-41.39	peak	V
9	7120.000	-75.65	21.63	-54.02	-13.00	-41.02	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.52	6.90	-66.62	-13.00	-53.62	peak	H
2	214.0000	-59.74	-0.35	-60.09	-13.00	-47.09	peak	H
3	330.0000	-61.54	-1.36	-62.90	-13.00	-49.90	peak	H
4	480.0000	-71.28	4.99	-66.29	-13.00	-53.29	peak	H
5	528.0000	-78.09	7.01	-71.08	-13.00	-58.08	peak	H
6	668.0000	-79.66	6.82	-72.84	-13.00	-59.84	peak	H
7	3268.000	-71.76	12.26	-59.50	-13.00	-46.50	peak	H
8	4756.000	-72.98	15.38	-57.60	-13.00	-44.60	peak	H
9	7108.000	-75.04	23.84	-51.20	-13.00	-38.20	peak	H
1	167.0000	-62.09	11.07	-51.02	-13.00	-38.02	peak	V
2	200.5000	-64.32	9.73	-54.59	-13.00	-41.59	peak	V
3	331.0000	-63.84	0.50	-63.34	-13.00	-50.34	peak	V
4	480.0000	-61.37	1.65	-59.72	-13.00	-46.72	peak	V
5	601.5000	-67.81	6.63	-61.18	-13.00	-48.18	peak	V
6	687.0000	-76.96	9.62	-67.34	-13.00	-54.34	peak	V
7	3328.000	-70.68	15.95	-54.73	-13.00	-41.73	peak	V
8	4756.000	-73.86	19.59	-54.27	-13.00	-41.27	peak	V
9	7204.000	-76.27	21.76	-54.51	-13.00	-41.51	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1909.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.07	6.90	-62.17	-13.00	-49.17	peak	H
2	226.0000	-66.46	-1.08	-67.54	-13.00	-54.54	peak	H
3	372.5000	-70.34	-0.33	-70.67	-13.00	-57.67	peak	H
4	480.0000	-71.51	4.99	-66.52	-13.00	-53.52	peak	H
5	576.0000	-75.41	6.64	-68.77	-13.00	-55.77	peak	H
6	720.0000	-75.34	7.39	-67.95	-13.00	-54.95	peak	H
7	3316.000	-71.10	12.41	-58.69	-13.00	-45.69	peak	H
8	4708.000	-73.79	15.11	-58.68	-13.00	-45.68	peak	H
9	7156.000	-73.69	23.97	-49.72	-13.00	-36.72	peak	H
1	133.5000	-68.81	17.84	-50.97	-13.00	-37.97	peak	V
2	200.5000	-64.60	9.73	-54.87	-13.00	-41.87	peak	V
3	336.0000	-64.92	0.50	-64.42	-13.00	-51.42	peak	V
4	480.0000	-61.88	1.65	-60.23	-13.00	-47.23	peak	V
5	601.5000	-67.76	6.63	-61.13	-13.00	-48.13	peak	V
6	687.0000	-75.93	9.62	-66.31	-13.00	-53.31	peak	V
7	3220.000	-69.04	15.28	-53.76	-13.00	-40.76	peak	V
8	4828.000	-74.11	19.72	-54.39	-13.00	-41.39	peak	V
9	7132.000	-73.92	21.65	-52.27	-13.00	-39.27	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1851.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-72.33	5.23	-67.10	-13.00	-54.10	peak	H
2	200.5000	-65.41	2.48	-62.93	-13.00	-49.93	peak	H
3	367.5000	-61.28	-0.49	-61.77	-13.00	-48.77	peak	H
4	480.0000	-72.34	4.99	-67.35	-13.00	-54.35	peak	H
5	601.5000	-78.37	6.99	-71.38	-13.00	-58.38	peak	H
6	720.0000	-77.87	7.39	-70.48	-13.00	-57.48	peak	H
7	3268.000	-71.23	12.26	-58.97	-13.00	-45.97	peak	H
8	4720.000	-73.46	15.18	-58.28	-13.00	-45.28	peak	H
9	7276.000	-75.22	24.31	-50.91	-13.00	-37.91	peak	H
1	132.0000	-70.63	18.46	-52.17	-13.00	-39.17	peak	V
2	200.5000	-64.30	9.73	-54.57	-13.00	-41.57	peak	V
3	336.0000	-66.00	0.50	-65.50	-13.00	-52.50	peak	V
4	480.0000	-61.45	1.65	-59.80	-13.00	-46.80	peak	V
5	601.5000	-67.75	6.63	-61.12	-13.00	-48.12	peak	V
6	720.0000	-76.92	10.76	-66.16	-13.00	-53.16	peak	V
7	3232.000	-70.83	15.36	-55.47	-13.00	-42.47	peak	V
8	4720.000	-74.03	19.52	-54.51	-13.00	-41.51	peak	V
9	7168.000	-75.72	21.72	-54.00	-13.00	-41.00	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.51	6.51	-62.00	-13.00	-49.00	peak	H
2	200.5000	-68.57	2.48	-66.09	-13.00	-53.09	peak	H
3	288.0000	-62.13	-4.10	-66.23	-13.00	-53.23	peak	H
4	367.5000	-60.98	-0.49	-61.47	-13.00	-48.47	peak	H
5	480.0000	-72.23	4.99	-67.24	-13.00	-54.24	peak	H
6	601.5000	-77.45	6.99	-70.46	-13.00	-57.46	peak	H
7	3340.000	-71.16	12.49	-58.67	-13.00	-45.67	peak	H
8	4780.000	-74.06	15.50	-58.56	-13.00	-45.56	peak	H
9	7084.000	-73.43	23.76	-49.67	-13.00	-36.67	peak	H
1	133.5000	-74.05	17.84	-56.21	-13.00	-43.21	peak	V
2	200.5000	-64.45	9.73	-54.72	-13.00	-41.72	peak	V
3	288.0000	-68.33	1.08	-67.25	-13.00	-54.25	peak	V
4	332.5000	-64.93	0.51	-64.42	-13.00	-51.42	peak	V
5	480.0000	-61.17	1.65	-59.52	-13.00	-46.52	peak	V
6	601.5000	-68.68	6.63	-62.05	-13.00	-49.05	peak	V
7	3244.000	-71.34	15.43	-55.91	-13.00	-42.91	peak	V
8	4732.000	-73.46	19.54	-53.92	-13.00	-40.92	peak	V
9	7168.000	-74.32	21.72	-52.60	-13.00	-39.60	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1908.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-69.99	6.26	-63.73	-13.00	-50.73	peak	H
2	200.5000	-65.90	2.48	-63.42	-13.00	-50.42	peak	H
3	367.5000	-61.06	-0.49	-61.55	-13.00	-48.55	peak	H
4	467.5000	-72.81	4.36	-68.45	-13.00	-55.45	peak	H
5	528.0000	-79.13	7.01	-72.12	-13.00	-59.12	peak	H
6	720.0000	-79.60	7.39	-72.21	-13.00	-59.21	peak	H
7	3340.000	-70.18	12.49	-57.69	-13.00	-44.69	peak	H
8	4672.000	-75.48	14.92	-60.56	-13.00	-47.56	peak	H
9	7180.000	-74.91	24.04	-50.87	-13.00	-37.87	peak	H
1	133.5000	-69.63	17.84	-51.79	-13.00	-38.79	peak	V
2	200.5000	-63.52	9.73	-53.79	-13.00	-40.79	peak	V
3	336.0000	-64.51	0.50	-64.01	-13.00	-51.01	peak	V
4	480.0000	-61.58	1.65	-59.93	-13.00	-46.93	peak	V
5	601.5000	-68.41	6.63	-61.78	-13.00	-48.78	peak	V
6	672.0000	-78.01	9.23	-68.78	-13.00	-55.78	peak	V
7	3292.000	-71.29	15.73	-55.56	-13.00	-42.56	peak	V
8	4684.000	-72.83	19.45	-53.38	-13.00	-40.38	peak	V
9	7024.000	-74.67	21.48	-53.19	-13.00	-40.19	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1852.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.0000	-69.31	5.75	-63.56	-13.00	-50.56	peak	H
2	209.5000	-61.19	0.18	-61.01	-13.00	-48.01	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	480.0000	-72.58	4.99	-67.59	-13.00	-54.59	peak	H
5	576.0000	-76.91	6.64	-70.27	-13.00	-57.27	peak	H
6	668.0000	-78.84	6.82	-72.02	-13.00	-59.02	peak	H
7	3268.000	-71.76	12.26	-59.50	-13.00	-46.50	peak	H
8	4708.000	-74.10	15.11	-58.99	-13.00	-45.99	peak	H
9	7132.000	-74.45	23.89	-50.56	-13.00	-37.56	peak	H
1	167.0000	-62.30	11.07	-51.23	-13.00	-38.23	peak	V
2	200.5000	-67.87	9.73	-58.14	-13.00	-45.14	peak	V
3	333.0000	-62.97	0.50	-62.47	-13.00	-49.47	peak	V
4	480.0000	-60.84	1.65	-59.19	-13.00	-46.19	peak	V
5	601.5000	-69.12	6.63	-62.49	-13.00	-49.49	peak	V
6	720.0000	-77.77	10.76	-67.01	-13.00	-54.01	peak	V
7	3244.000	-70.42	15.43	-54.99	-13.00	-41.99	peak	V
8	4708.000	-74.33	19.49	-54.84	-13.00	-41.84	peak	V
9	7084.000	-76.01	21.57	-54.44	-13.00	-41.44	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.46	6.63	-62.83	-13.00	-49.83	peak	H
2	200.5000	-66.52	2.48	-64.04	-13.00	-51.04	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	480.0000	-72.16	4.99	-67.17	-13.00	-54.17	peak	H
5	576.0000	-75.78	6.64	-69.14	-13.00	-56.14	peak	H
6	668.0000	-79.19	6.82	-72.37	-13.00	-59.37	peak	H
7	3268.000	-70.80	12.26	-58.54	-13.00	-45.54	peak	H
8	4732.000	-74.71	15.24	-59.47	-13.00	-46.47	peak	H
9	7108.000	-73.99	23.84	-50.15	-13.00	-37.15	peak	H
1	157.5000	-66.46	17.72	-48.74	-13.00	-35.74	peak	V
2	200.5000	-64.95	9.73	-55.22	-13.00	-42.22	peak	V
3	337.0000	-65.59	0.50	-65.09	-13.00	-52.09	peak	V
4	480.0000	-61.53	1.65	-59.88	-13.00	-46.88	peak	V
5	630.0000	-74.53	8.20	-66.33	-13.00	-53.33	peak	V
6	716.0000	-77.65	10.63	-67.02	-13.00	-54.02	peak	V
7	3292.000	-70.48	15.73	-54.75	-13.00	-41.75	peak	V
8	4720.000	-74.58	19.52	-55.06	-13.00	-42.06	peak	V
9	7072.000	-74.15	21.56	-52.59	-13.00	-39.59	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1907.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.71	0.99	-67.72	-13.00	-54.72	peak	H
2	200.5000	-67.45	2.48	-64.97	-13.00	-51.97	peak	H
3	288.0000	-61.66	-4.10	-65.76	-13.00	-52.76	peak	H
4	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
5	480.0000	-72.38	4.99	-67.39	-13.00	-54.39	peak	H
6	576.0000	-76.65	6.64	-70.01	-13.00	-57.01	peak	H
7	3232.000	-71.66	12.16	-59.50	-13.00	-46.50	peak	H
8	4780.000	-74.09	15.50	-58.59	-13.00	-45.59	peak	H
9	7132.000	-75.05	23.89	-51.16	-13.00	-38.16	peak	H
1	167.0000	-62.28	11.07	-51.21	-13.00	-38.21	peak	V
2	200.5000	-65.14	9.73	-55.41	-13.00	-42.41	peak	V
3	330.5000	-63.03	0.51	-62.52	-13.00	-49.52	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-68.51	6.63	-61.88	-13.00	-48.88	peak	V
6	698.5000	-77.06	10.05	-67.01	-13.00	-54.01	peak	V
7	3340.000	-72.25	16.02	-56.23	-13.00	-43.23	peak	V
8	4708.000	-74.58	19.49	-55.09	-13.00	-42.09	peak	V
9	7168.000	-75.05	21.72	-53.33	-13.00	-40.33	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1855.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-68.36	5.10	-63.26	-13.00	-50.26	peak	H
2	200.5000	-67.12	2.48	-64.64	-13.00	-51.64	peak	H
3	367.5000	-61.69	-0.49	-62.18	-13.00	-49.18	peak	H
4	480.0000	-72.23	4.99	-67.24	-13.00	-54.24	peak	H
5	576.0000	-75.50	6.64	-68.86	-13.00	-55.86	peak	H
6	672.0000	-79.66	6.81	-72.85	-13.00	-59.85	peak	H
7	3232.000	-72.14	12.16	-59.98	-13.00	-46.98	peak	H
8	4732.000	-73.07	15.24	-57.83	-13.00	-44.83	peak	H
9	7108.000	-75.32	23.84	-51.48	-13.00	-38.48	peak	H
1	144.0000	-66.83	14.96	-51.87	-13.00	-38.87	peak	V
2	200.5000	-64.33	9.73	-54.60	-13.00	-41.60	peak	V
3	336.5000	-65.14	0.51	-64.63	-13.00	-51.63	peak	V
4	480.0000	-61.46	1.65	-59.81	-13.00	-46.81	peak	V
5	601.5000	-67.88	6.63	-61.25	-13.00	-48.25	peak	V
6	701.5000	-77.17	10.16	-67.01	-13.00	-54.01	peak	V
7	3232.000	-71.27	15.36	-55.91	-13.00	-42.91	peak	V
8	4732.000	-74.39	19.54	-54.85	-13.00	-41.85	peak	V
9	7132.000	-73.71	21.65	-52.06	-13.00	-39.06	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	209.0000	-61.33	0.30	-61.03	-13.00	-48.03	peak	H
2	326.5000	-62.43	-1.38	-63.81	-13.00	-50.81	peak	H
3	372.5000	-68.59	-0.33	-68.92	-13.00	-55.92	peak	H
4	480.0000	-72.92	4.99	-67.93	-13.00	-54.93	peak	H
5	576.0000	-76.55	6.64	-69.91	-13.00	-56.91	peak	H
6	668.0000	-79.10	6.82	-72.28	-13.00	-59.28	peak	H
7	3244.000	-71.56	12.19	-59.37	-13.00	-46.37	peak	H
8	4768.000	-74.08	15.44	-58.64	-13.00	-45.64	peak	H
9	7108.000	-73.86	23.84	-50.02	-13.00	-37.02	peak	H
1	144.0000	-69.70	14.96	-54.74	-13.00	-41.74	peak	V
2	200.5000	-63.58	9.73	-53.85	-13.00	-40.85	peak	V
3	326.5000	-65.67	0.51	-65.16	-13.00	-52.16	peak	V
4	480.0000	-61.58	1.65	-59.93	-13.00	-46.93	peak	V
5	601.5000	-68.11	6.63	-61.48	-13.00	-48.48	peak	V
6	687.0000	-77.51	9.62	-67.89	-13.00	-54.89	peak	V
7	3244.000	-71.58	15.43	-56.15	-13.00	-43.15	peak	V
8	4732.000	-75.23	19.54	-55.69	-13.00	-42.69	peak	V
9	7084.000	-74.61	21.57	-53.04	-13.00	-40.04	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1905.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-72.87	6.63	-66.24	-13.00	-53.24	peak	H
2	220.5000	-61.77	-0.95	-62.72	-13.00	-49.72	peak	H
3	367.5000	-62.21	-0.49	-62.70	-13.00	-49.70	peak	H
4	480.0000	-72.46	4.99	-67.47	-13.00	-54.47	peak	H
5	576.0000	-76.42	6.64	-69.78	-13.00	-56.78	peak	H
6	701.5000	-78.35	6.91	-71.44	-13.00	-58.44	peak	H
7	3280.000	-72.20	12.31	-59.89	-13.00	-46.89	peak	H
8	4732.000	-75.06	15.24	-59.82	-13.00	-46.82	peak	H
9	7204.000	-74.26	24.10	-50.16	-13.00	-37.16	peak	H
1	157.5000	-66.33	17.72	-48.61	-13.00	-35.61	peak	V
2	200.5000	-63.67	9.73	-53.94	-13.00	-40.94	peak	V
3	336.0000	-64.45	0.50	-63.95	-13.00	-50.95	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-67.96	6.63	-61.33	-13.00	-48.33	peak	V
6	658.5000	-77.96	8.98	-68.98	-13.00	-55.98	peak	V
7	3316.000	-71.56	15.87	-55.69	-13.00	-42.69	peak	V
8	4708.000	-75.76	19.49	-56.27	-13.00	-43.27	peak	V
9	7120.000	-76.07	21.63	-54.44	-13.00	-41.44	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1857.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-74.43	6.90	-67.53	-13.00	-54.53	peak	H
2	204.0000	-64.34	1.58	-62.76	-13.00	-49.76	peak	H
3	325.0000	-63.61	-1.40	-65.01	-13.00	-52.01	peak	H
4	367.5000	-61.91	-0.49	-62.40	-13.00	-49.40	peak	H
5	480.0000	-73.58	4.99	-68.59	-13.00	-55.59	peak	H
6	695.5000	-79.46	6.85	-72.61	-13.00	-59.61	peak	H
7	3292.000	-73.15	12.35	-60.80	-13.00	-47.80	peak	H
8	4756.000	-74.06	15.38	-58.68	-13.00	-45.68	peak	H
9	7120.000	-74.74	23.86	-50.88	-13.00	-37.88	peak	H
1	157.5000	-68.84	17.72	-51.12	-13.00	-38.12	peak	V
2	200.5000	-68.10	9.73	-58.37	-13.00	-45.37	peak	V
3	333.0000	-63.94	0.50	-63.44	-13.00	-50.44	peak	V
4	480.0000	-61.83	1.65	-60.18	-13.00	-47.18	peak	V
5	601.5000	-68.80	6.63	-62.17	-13.00	-49.17	peak	V
6	701.5000	-78.16	10.16	-68.00	-13.00	-55.00	peak	V
7	3316.000	-72.57	15.87	-56.70	-13.00	-43.70	peak	V
8	4780.000	-74.05	19.63	-54.42	-13.00	-41.42	peak	V
9	7216.000	-75.28	21.79	-53.49	-13.00	-40.49	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.96	6.38	-62.58	-13.00	-49.58	peak	H
2	288.0000	-60.49	-4.10	-64.59	-13.00	-51.59	peak	H
3	367.5000	-60.71	-0.49	-61.20	-13.00	-48.20	peak	H
4	480.0000	-73.18	4.99	-68.19	-13.00	-55.19	peak	H
5	576.0000	-75.23	6.64	-68.59	-13.00	-55.59	peak	H
6	720.0000	-77.54	7.39	-70.15	-13.00	-57.15	peak	H
7	3232.000	-70.45	12.16	-58.29	-13.00	-45.29	peak	H
8	4756.000	-72.80	15.38	-57.42	-13.00	-44.42	peak	H
9	7084.000	-75.33	23.76	-51.57	-13.00	-38.57	peak	H
1	167.0000	-62.61	11.07	-51.54	-13.00	-38.54	peak	V
2	200.5000	-64.67	9.73	-54.94	-13.00	-41.94	peak	V
3	336.0000	-63.67	0.50	-63.17	-13.00	-50.17	peak	V
4	480.0000	-61.99	1.65	-60.34	-13.00	-47.34	peak	V
5	601.5000	-68.66	6.63	-62.03	-13.00	-49.03	peak	V
6	701.5000	-78.20	10.16	-68.04	-13.00	-55.04	peak	V
7	3316.000	-71.61	15.87	-55.74	-13.00	-42.74	peak	V
8	4720.000	-73.19	19.52	-53.67	-13.00	-40.67	peak	V
9	7120.000	-75.83	21.63	-54.20	-13.00	-41.20	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1902.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-70.23	5.48	-64.75	-13.00	-51.75	peak	H
2	200.5000	-67.89	2.48	-65.41	-13.00	-52.41	peak	H
3	367.5000	-61.54	-0.49	-62.03	-13.00	-49.03	peak	H
4	480.0000	-72.55	4.99	-67.56	-13.00	-54.56	peak	H
5	576.0000	-75.23	6.64	-68.59	-13.00	-55.59	peak	H
6	672.0000	-78.72	6.81	-71.91	-13.00	-58.91	peak	H
7	3268.000	-71.06	12.26	-58.80	-13.00	-45.80	peak	H
8	4708.000	-74.32	15.11	-59.21	-13.00	-46.21	peak	H
9	7120.000	-72.44	23.86	-48.58	-13.00	-35.58	peak	H
1	133.5000	-71.86	17.84	-54.02	-13.00	-41.02	peak	V
2	157.5000	-66.17	17.72	-48.45	-13.00	-35.45	peak	V
3	336.0000	-65.66	0.50	-65.16	-13.00	-52.16	peak	V
4	480.0000	-62.25	1.65	-60.60	-13.00	-47.60	peak	V
5	601.5000	-69.17	6.63	-62.54	-13.00	-49.54	peak	V
6	720.0000	-77.01	10.76	-66.25	-13.00	-53.25	peak	V
7	3268.000	-71.68	15.57	-56.11	-13.00	-43.11	peak	V
8	4720.000	-76.31	19.52	-56.79	-13.00	-43.79	peak	V
9	7084.000	-73.14	21.57	-51.57	-13.00	-38.57	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1860.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-71.57	5.36	-66.21	-13.00	-53.21	peak	H
2	200.5000	-68.95	2.48	-66.47	-13.00	-53.47	peak	H
3	288.0000	-60.83	-4.10	-64.93	-13.00	-51.93	peak	H
4	367.5000	-60.64	-0.49	-61.13	-13.00	-48.13	peak	H
5	467.5000	-72.62	4.36	-68.26	-13.00	-55.26	peak	H
6	601.5000	-77.90	6.99	-70.91	-13.00	-57.91	peak	H
7	3292.000	-71.93	12.35	-59.58	-13.00	-46.58	peak	H
8	4708.000	-74.83	15.11	-59.72	-13.00	-46.72	peak	H
9	7108.000	-73.83	23.84	-49.99	-13.00	-36.99	peak	H
1	167.0000	-61.95	11.07	-50.88	-13.00	-37.88	peak	V
2	200.5000	-66.09	9.73	-56.36	-13.00	-43.36	peak	V
3	336.0000	-63.92	0.50	-63.42	-13.00	-50.42	peak	V
4	480.0000	-61.61	1.65	-59.96	-13.00	-46.96	peak	V
5	601.5000	-68.79	6.63	-62.16	-13.00	-49.16	peak	V
6	701.5000	-77.69	10.16	-67.53	-13.00	-54.53	peak	V
7	3268.000	-71.08	15.57	-55.51	-13.00	-42.51	peak	V
8	4720.000	-74.04	19.52	-54.52	-13.00	-41.52	peak	V
9	7084.000	-74.86	21.57	-53.29	-13.00	-40.29	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.77	0.99	-67.78	-13.00	-54.78	peak	H
2	215.0000	-60.78	-0.43	-61.21	-13.00	-48.21	peak	H
3	367.5000	-61.20	-0.49	-61.69	-13.00	-48.69	peak	H
4	480.0000	-73.12	4.99	-68.13	-13.00	-55.13	peak	H
5	576.0000	-75.61	6.64	-68.97	-13.00	-55.97	peak	H
6	720.0000	-77.90	7.39	-70.51	-13.00	-57.51	peak	H
7	3292.000	-72.10	12.35	-59.75	-13.00	-46.75	peak	H
8	4732.000	-73.87	15.24	-58.63	-13.00	-45.63	peak	H
9	7120.000	-75.85	23.86	-51.99	-13.00	-38.99	peak	H
1	167.0000	-62.41	11.07	-51.34	-13.00	-38.34	peak	V
2	200.5000	-64.32	9.73	-54.59	-13.00	-41.59	peak	V
3	334.0000	-63.81	0.50	-63.31	-13.00	-50.31	peak	V
4	480.0000	-61.31	1.65	-59.66	-13.00	-46.66	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	687.0000	-76.78	9.62	-67.16	-13.00	-54.16	peak	V
7	3232.000	-71.09	15.36	-55.73	-13.00	-42.73	peak	V
8	4732.000	-74.33	19.54	-54.79	-13.00	-41.79	peak	V
9	7120.000	-75.32	21.63	-53.69	-13.00	-40.69	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1900.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.78	0.99	-67.79	-13.00	-54.79	peak	H
2	220.0000	-61.87	-0.94	-62.81	-13.00	-49.81	peak	H
3	367.5000	-61.45	-0.49	-61.94	-13.00	-48.94	peak	H
4	480.0000	-72.83	4.99	-67.84	-13.00	-54.84	peak	H
5	576.0000	-73.83	6.64	-67.19	-13.00	-54.19	peak	H
6	720.0000	-77.73	7.39	-70.34	-13.00	-57.34	peak	H
7	3268.000	-70.02	12.26	-57.76	-13.00	-44.76	peak	H
8	4756.000	-74.23	15.38	-58.85	-13.00	-45.85	peak	H
9	7156.000	-75.26	23.97	-51.29	-13.00	-38.29	peak	H
1	167.0000	-62.01	11.07	-50.94	-13.00	-37.94	peak	V
2	200.5000	-66.29	9.73	-56.56	-13.00	-43.56	peak	V
3	327.5000	-64.92	0.51	-64.41	-13.00	-51.41	peak	V
4	480.0000	-62.03	1.65	-60.38	-13.00	-47.38	peak	V
5	601.5000	-68.29	6.63	-61.66	-13.00	-48.66	peak	V
6	687.0000	-76.73	9.62	-67.11	-13.00	-54.11	peak	V
7	3244.000	-71.59	15.43	-56.16	-13.00	-43.16	peak	V
8	4720.000	-75.93	19.52	-56.41	-13.00	-43.41	peak	V
9	7156.000	-75.67	21.69	-53.98	-13.00	-40.98	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1850.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.0000	-73.50	6.60	-66.90	-13.00	-53.90	peak	H
2	209.0000	-61.90	0.30	-61.60	-13.00	-48.60	peak	H
3	367.5000	-61.24	-0.49	-61.73	-13.00	-48.73	peak	H
4	480.0000	-71.84	4.99	-66.85	-13.00	-53.85	peak	H
5	576.0000	-74.58	6.64	-67.94	-13.00	-54.94	peak	H
6	720.0000	-79.11	7.39	-71.72	-13.00	-58.72	peak	H
7	3268.000	-71.80	12.26	-59.54	-13.00	-46.54	peak	H
8	4732.000	-73.54	15.24	-58.30	-13.00	-45.30	peak	H
9	7084.000	-75.90	23.76	-52.14	-13.00	-39.14	peak	H
1	150.5000	-65.34	14.79	-50.55	-13.00	-37.55	peak	V
2	200.5000	-64.55	9.73	-54.82	-13.00	-41.82	peak	V
3	336.0000	-63.09	0.50	-62.59	-13.00	-49.59	peak	V
4	480.0000	-61.40	1.65	-59.75	-13.00	-46.75	peak	V
5	601.5000	-68.24	6.63	-61.61	-13.00	-48.61	peak	V
6	687.0000	-77.72	9.62	-68.10	-13.00	-55.10	peak	V
7	3280.000	-72.15	15.65	-56.50	-13.00	-43.50	peak	V
8	4732.000	-75.02	19.54	-55.48	-13.00	-42.48	peak	V
9	7132.000	-74.54	21.65	-52.89	-13.00	-39.89	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.41	6.51	-61.90	-13.00	-48.90	peak	H
2	217.5000	-62.69	-0.69	-63.38	-13.00	-50.38	peak	H
3	288.0000	-61.08	-4.10	-65.18	-13.00	-52.18	peak	H
4	367.5000	-61.29	-0.49	-61.78	-13.00	-48.78	peak	H
5	480.0000	-71.51	4.99	-66.52	-13.00	-53.52	peak	H
6	601.5000	-78.25	6.99	-71.26	-13.00	-58.26	peak	H
7	3268.000	-70.95	12.26	-58.69	-13.00	-45.69	peak	H
8	4732.000	-72.34	15.24	-57.10	-13.00	-44.10	peak	H
9	7084.000	-74.64	23.76	-50.88	-13.00	-37.88	peak	H
1	144.0000	-65.87	14.96	-50.91	-13.00	-37.91	peak	V
2	200.5000	-64.34	9.73	-54.61	-13.00	-41.61	peak	V
3	330.5000	-63.28	0.51	-62.77	-13.00	-49.77	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-68.31	6.63	-61.68	-13.00	-48.68	peak	V
6	672.0000	-76.29	9.23	-67.06	-13.00	-54.06	peak	V
7	3268.000	-71.45	15.57	-55.88	-13.00	-42.88	peak	V
8	4756.000	-74.29	19.59	-54.70	-13.00	-41.70	peak	V
9	7120.000	-74.08	21.63	-52.45	-13.00	-39.45	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1909.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-66.32	0.99	-65.33	-13.00	-52.33	peak	H
2	200.5000	-65.88	2.48	-63.40	-13.00	-50.40	peak	H
3	288.0000	-61.09	-4.10	-65.19	-13.00	-52.19	peak	H
4	367.5000	-60.63	-0.49	-61.12	-13.00	-48.12	peak	H
5	480.0000	-71.38	4.99	-66.39	-13.00	-53.39	peak	H
6	668.0000	-78.91	6.82	-72.09	-13.00	-59.09	peak	H
7	3268.000	-71.47	12.26	-59.21	-13.00	-46.21	peak	H
8	4636.000	-73.77	14.72	-59.05	-13.00	-46.05	peak	H
9	7060.000	-73.94	23.69	-50.25	-13.00	-37.25	peak	H
1	144.0000	-65.68	14.96	-50.72	-13.00	-37.72	peak	V
2	200.5000	-64.41	9.73	-54.68	-13.00	-41.68	peak	V
3	334.0000	-63.38	0.50	-62.88	-13.00	-49.88	peak	V
4	480.0000	-61.70	1.65	-60.05	-13.00	-47.05	peak	V
5	528.0000	-68.93	2.69	-66.24	-13.00	-53.24	peak	V
6	720.0000	-77.58	10.76	-66.82	-13.00	-53.82	peak	V
7	3292.000	-72.78	15.73	-57.05	-13.00	-44.05	peak	V
8	4756.000	-74.01	19.59	-54.42	-13.00	-41.42	peak	V
9	7060.000	-74.22	21.54	-52.68	-13.00	-39.68	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1851.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-70.94	6.00	-64.94	-13.00	-51.94	peak	H
2	200.5000	-68.21	2.48	-65.73	-13.00	-52.73	peak	H
3	288.0000	-60.56	-4.10	-64.66	-13.00	-51.66	peak	H
4	367.5000	-62.05	-0.49	-62.54	-13.00	-49.54	peak	H
5	480.0000	-71.95	4.99	-66.96	-13.00	-53.96	peak	H
6	624.0000	-80.30	6.90	-73.40	-13.00	-60.40	peak	H
7	3316.000	-71.00	12.41	-58.59	-13.00	-45.59	peak	H
8	4732.000	-74.86	15.24	-59.62	-13.00	-46.62	peak	H
9	7132.000	-72.62	23.89	-48.73	-13.00	-35.73	peak	H
1	157.5000	-66.42	17.72	-48.70	-13.00	-35.70	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	336.0000	-65.33	0.50	-64.83	-13.00	-51.83	peak	V
4	480.0000	-61.27	1.65	-59.62	-13.00	-46.62	peak	V
5	601.5000	-69.04	6.63	-62.41	-13.00	-49.41	peak	V
6	672.0000	-76.77	9.23	-67.54	-13.00	-54.54	peak	V
7	3340.000	-70.06	16.02	-54.04	-13.00	-41.04	peak	V
8	4768.000	-74.59	19.61	-54.98	-13.00	-41.98	peak	V
9	7180.000	-74.23	21.74	-52.49	-13.00	-39.49	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.5000	-73.03	7.15	-65.88	-13.00	-52.88	peak	H
2	288.0000	-60.97	-4.10	-65.07	-13.00	-52.07	peak	H
3	367.5000	-60.51	-0.49	-61.00	-13.00	-48.00	peak	H
4	480.0000	-72.20	4.99	-67.21	-13.00	-54.21	peak	H
5	576.0000	-76.25	6.64	-69.61	-13.00	-56.61	peak	H
6	668.0000	-79.04	6.82	-72.22	-13.00	-59.22	peak	H
7	3184.000	-70.84	12.01	-58.83	-13.00	-45.83	peak	H
8	4720.000	-74.21	15.18	-59.03	-13.00	-46.03	peak	H
9	7156.000	-75.34	23.97	-51.37	-13.00	-38.37	peak	H
1	157.5000	-66.32	17.72	-48.60	-13.00	-35.60	peak	V
2	200.5000	-64.28	9.73	-54.55	-13.00	-41.55	peak	V
3	331.5000	-65.08	0.51	-64.57	-13.00	-51.57	peak	V
4	480.0000	-61.45	1.65	-59.80	-13.00	-46.80	peak	V
5	601.5000	-68.64	6.63	-62.01	-13.00	-49.01	peak	V
6	720.0000	-76.78	10.76	-66.02	-13.00	-53.02	peak	V
7	3268.000	-68.73	15.57	-53.16	-13.00	-40.16	peak	V
8	4708.000	-73.96	19.49	-54.47	-13.00	-41.47	peak	V
9	7168.000	-74.42	21.72	-52.70	-13.00	-39.70	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1908.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.0000	-72.60	7.53	-65.07	-13.00	-52.07	peak	H
2	200.5000	-67.82	2.48	-65.34	-13.00	-52.34	peak	H
3	288.0000	-61.00	-4.10	-65.10	-13.00	-52.10	peak	H
4	367.5000	-61.01	-0.49	-61.50	-13.00	-48.50	peak	H
5	480.0000	-73.49	4.99	-68.50	-13.00	-55.50	peak	H
6	601.0000	-78.03	6.98	-71.05	-13.00	-58.05	peak	H
7	3316.000	-71.45	12.41	-59.04	-13.00	-46.04	peak	H
8	4756.000	-74.25	15.38	-58.87	-13.00	-45.87	peak	H
9	7156.000	-74.62	23.97	-50.65	-13.00	-37.65	peak	H
1	144.0000	-66.39	14.96	-51.43	-13.00	-38.43	peak	V
2	200.5000	-64.02	9.73	-54.29	-13.00	-41.29	peak	V
3	336.0000	-62.58	0.50	-62.08	-13.00	-49.08	peak	V
4	480.0000	-61.34	1.65	-59.69	-13.00	-46.69	peak	V
5	601.5000	-68.35	6.63	-61.72	-13.00	-48.72	peak	V
6	672.0000	-77.77	9.23	-68.54	-13.00	-55.54	peak	V
7	3280.000	-71.57	15.65	-55.92	-13.00	-42.92	peak	V
8	4732.000	-74.13	19.54	-54.59	-13.00	-41.59	peak	V
9	7132.000	-74.25	21.65	-52.60	-13.00	-39.60	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1852.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.22	6.51	-61.71	-13.00	-48.71	peak	H
2	209.5000	-62.41	0.18	-62.23	-13.00	-49.23	peak	H
3	330.5000	-61.46	-1.34	-62.80	-13.00	-49.80	peak	H
4	467.5000	-70.72	4.36	-66.36	-13.00	-53.36	peak	H
5	576.0000	-76.39	6.64	-69.75	-13.00	-56.75	peak	H
6	668.0000	-79.46	6.82	-72.64	-13.00	-59.64	peak	H
7	3268.000	-71.15	12.26	-58.89	-13.00	-45.89	peak	H
8	4684.000	-74.09	14.98	-59.11	-13.00	-46.11	peak	H
9	7168.000	-74.69	24.01	-50.68	-13.00	-37.68	peak	H
1	157.5000	-67.91	17.72	-50.19	-13.00	-37.19	peak	V
2	200.5000	-65.87	9.73	-56.14	-13.00	-43.14	peak	V
3	330.5000	-67.57	0.51	-67.06	-13.00	-54.06	peak	V
4	480.0000	-61.20	1.65	-59.55	-13.00	-46.55	peak	V
5	601.5000	-69.27	6.63	-62.64	-13.00	-49.64	peak	V
6	720.0000	-75.93	10.76	-65.17	-13.00	-52.17	peak	V
7	3292.000	-71.89	15.73	-56.16	-13.00	-43.16	peak	V
8	4684.000	-71.26	19.45	-51.81	-13.00	-38.81	peak	V
9	7156.000	-76.14	21.69	-54.45	-13.00	-41.45	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-70.27	6.38	-63.89	-13.00	-50.89	peak	H
2	220.5000	-61.60	-0.95	-62.55	-13.00	-49.55	peak	H
3	367.5000	-61.42	-0.49	-61.91	-13.00	-48.91	peak	H
4	480.0000	-71.25	4.99	-66.26	-13.00	-53.26	peak	H
5	576.0000	-75.92	6.64	-69.28	-13.00	-56.28	peak	H
6	701.5000	-79.32	6.91	-72.41	-13.00	-59.41	peak	H
7	3280.000	-72.79	12.31	-60.48	-13.00	-47.48	peak	H
8	4708.000	-75.55	15.11	-60.44	-13.00	-47.44	peak	H
9	7120.000	-75.65	23.86	-51.79	-13.00	-38.79	peak	H
1	133.5000	-70.00	17.84	-52.16	-13.00	-39.16	peak	V
2	200.5000	-63.79	9.73	-54.06	-13.00	-41.06	peak	V
3	336.0000	-64.93	0.50	-64.43	-13.00	-51.43	peak	V
4	480.0000	-62.11	1.65	-60.46	-13.00	-47.46	peak	V
5	601.5000	-68.13	6.63	-61.50	-13.00	-48.50	peak	V
6	687.0000	-76.86	9.62	-67.24	-13.00	-54.24	peak	V
7	3268.000	-72.61	15.57	-57.04	-13.00	-44.04	peak	V
8	4732.000	-75.25	19.54	-55.71	-13.00	-42.71	peak	V
9	7168.000	-76.29	21.72	-54.57	-13.00	-41.57	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1907.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-75.18	6.90	-68.28	-13.00	-55.28	peak	H
2	220.0000	-62.74	-0.94	-63.68	-13.00	-50.68	peak	H
3	288.0000	-60.19	-4.10	-64.29	-13.00	-51.29	peak	H
4	367.5000	-61.47	-0.49	-61.96	-13.00	-48.96	peak	H
5	480.0000	-72.14	4.99	-67.15	-13.00	-54.15	peak	H
6	668.0000	-80.25	6.82	-73.43	-13.00	-60.43	peak	H
7	3292.000	-71.69	12.35	-59.34	-13.00	-46.34	peak	H
8	4756.000	-72.91	15.38	-57.53	-13.00	-44.53	peak	H
9	7120.000	-74.63	23.86	-50.77	-13.00	-37.77	peak	H
1	133.5000	-69.53	17.84	-51.69	-13.00	-38.69	peak	V
2	200.5000	-65.95	9.73	-56.22	-13.00	-43.22	peak	V
3	330.0000	-63.14	0.49	-62.65	-13.00	-49.65	peak	V
4	480.0000	-61.52	1.65	-59.87	-13.00	-46.87	peak	V
5	601.5000	-67.94	6.63	-61.31	-13.00	-48.31	peak	V
6	672.0000	-77.10	9.23	-67.87	-13.00	-54.87	peak	V
7	3316.000	-72.94	15.87	-57.07	-13.00	-44.07	peak	V
8	4636.000	-74.19	19.36	-54.83	-13.00	-41.83	peak	V
9	7120.000	-74.51	21.63	-52.88	-13.00	-39.88	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1855.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	200.5000	-66.98	2.48	-64.50	-13.00	-51.50	peak	H
2	288.0000	-61.02	-4.10	-65.12	-13.00	-52.12	peak	H
3	367.5000	-62.12	-0.49	-62.61	-13.00	-49.61	peak	H
4	480.0000	-71.94	4.99	-66.95	-13.00	-53.95	peak	H
5	576.0000	-76.27	6.64	-69.63	-13.00	-56.63	peak	H
6	720.0000	-77.40	7.39	-70.01	-13.00	-57.01	peak	H
7	3280.000	-71.72	12.31	-59.41	-13.00	-46.41	peak	H
8	4768.000	-74.19	15.44	-58.75	-13.00	-45.75	peak	H
9	7156.000	-74.69	23.97	-50.72	-13.00	-37.72	peak	H
1	167.0000	-62.47	11.07	-51.40	-13.00	-38.40	peak	V
2	200.5000	-64.65	9.73	-54.92	-13.00	-41.92	peak	V
3	332.0000	-63.41	0.50	-62.91	-13.00	-49.91	peak	V
4	480.0000	-61.54	1.65	-59.89	-13.00	-46.89	peak	V
5	601.5000	-67.71	6.63	-61.08	-13.00	-48.08	peak	V
6	720.0000	-77.49	10.76	-66.73	-13.00	-53.73	peak	V
7	3232.000	-71.14	15.36	-55.78	-13.00	-42.78	peak	V
8	4816.000	-73.77	19.70	-54.07	-13.00	-41.07	peak	V
9	7120.000	-72.81	21.63	-51.18	-13.00	-38.18	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.32	6.90	-62.42	-13.00	-49.42	peak	H
2	288.0000	-60.91	-4.10	-65.01	-13.00	-52.01	peak	H
3	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
4	467.5000	-72.24	4.36	-67.88	-13.00	-54.88	peak	H
5	576.0000	-76.05	6.64	-69.41	-13.00	-56.41	peak	H
6	701.5000	-78.88	6.91	-71.97	-13.00	-58.97	peak	H
7	3280.000	-71.98	12.31	-59.67	-13.00	-46.67	peak	H
8	4756.000	-74.13	15.38	-58.75	-13.00	-45.75	peak	H
9	7084.000	-74.29	23.76	-50.53	-13.00	-37.53	peak	H
1	167.0000	-62.74	11.07	-51.67	-13.00	-38.67	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	331.5000	-63.48	0.51	-62.97	-13.00	-49.97	peak	V
4	480.0000	-61.75	1.65	-60.10	-13.00	-47.10	peak	V
5	601.5000	-67.66	6.63	-61.03	-13.00	-48.03	peak	V
6	687.0000	-77.65	9.62	-68.03	-13.00	-55.03	peak	V
7	3280.000	-72.58	15.65	-56.93	-13.00	-43.93	peak	V
8	4720.000	-76.22	19.52	-56.70	-13.00	-43.70	peak	V
9	7108.000	-75.14	21.63	-53.51	-13.00	-40.51	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1905.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-71.72	5.10	-66.62	-13.00	-53.62	peak	H
2	215.0000	-60.87	-0.43	-61.30	-13.00	-48.30	peak	H
3	331.5000	-63.06	-1.33	-64.39	-13.00	-51.39	peak	H
4	367.5000	-61.48	-0.49	-61.97	-13.00	-48.97	peak	H
5	480.0000	-72.04	4.99	-67.05	-13.00	-54.05	peak	H
6	668.0000	-79.46	6.82	-72.64	-13.00	-59.64	peak	H
7	3280.000	-73.14	12.31	-60.83	-13.00	-47.83	peak	H
8	4804.000	-74.06	15.63	-58.43	-13.00	-45.43	peak	H
9	7156.000	-74.92	23.97	-50.95	-13.00	-37.95	peak	H
1	136.5000	-71.03	16.63	-54.40	-13.00	-41.40	peak	V
2	200.5000	-64.63	9.73	-54.90	-13.00	-41.90	peak	V
3	330.0000	-65.52	0.49	-65.03	-13.00	-52.03	peak	V
4	480.0000	-61.63	1.65	-59.98	-13.00	-46.98	peak	V
5	601.5000	-67.80	6.63	-61.17	-13.00	-48.17	peak	V
6	720.0000	-77.81	10.76	-67.05	-13.00	-54.05	peak	V
7	3280.000	-71.34	15.65	-55.69	-13.00	-42.69	peak	V
8	4768.000	-74.88	19.61	-55.27	-13.00	-42.27	peak	V
9	7084.000	-75.75	21.57	-54.18	-13.00	-41.18	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1857.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-70.93	6.00	-64.93	-13.00	-51.93	peak	H
2	288.0000	-60.67	-4.10	-64.77	-13.00	-51.77	peak	H
3	367.5000	-60.73	-0.49	-61.22	-13.00	-48.22	peak	H
4	467.5000	-72.50	4.36	-68.14	-13.00	-55.14	peak	H
5	601.5000	-76.64	6.99	-69.65	-13.00	-56.65	peak	H
6	668.0000	-80.14	6.82	-73.32	-13.00	-60.32	peak	H
7	3328.000	-71.67	12.45	-59.22	-13.00	-46.22	peak	H
8	4756.000	-75.29	15.38	-59.91	-13.00	-46.91	peak	H
9	7084.000	-74.85	23.76	-51.09	-13.00	-38.09	peak	H
1	157.5000	-69.10	17.72	-51.38	-13.00	-38.38	peak	V
2	200.5000	-65.36	9.73	-55.63	-13.00	-42.63	peak	V
3	336.0000	-66.03	0.50	-65.53	-13.00	-52.53	peak	V
4	480.0000	-62.41	1.65	-60.76	-13.00	-47.76	peak	V
5	601.5000	-68.63	6.63	-62.00	-13.00	-49.00	peak	V
6	720.0000	-76.96	10.76	-66.20	-13.00	-53.20	peak	V
7	3316.000	-70.70	15.87	-54.83	-13.00	-41.83	peak	V
8	4708.000	-76.16	19.49	-56.67	-13.00	-43.67	peak	V
9	7108.000	-75.53	21.63	-53.90	-13.00	-40.90	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-69.05	6.38	-62.67	-13.00	-49.67	peak	H
2	323.0000	-63.74	-1.44	-65.18	-13.00	-52.18	peak	H
3	367.5000	-61.39	-0.49	-61.88	-13.00	-48.88	peak	H
4	480.0000	-72.55	4.99	-67.56	-13.00	-54.56	peak	H
5	576.0000	-75.08	6.64	-68.44	-13.00	-55.44	peak	H
6	701.5000	-78.87	6.91	-71.96	-13.00	-58.96	peak	H
7	3244.000	-71.28	12.19	-59.09	-13.00	-46.09	peak	H
8	4756.000	-73.08	15.38	-57.70	-13.00	-44.70	peak	H
9	7156.000	-74.12	23.97	-50.15	-13.00	-37.15	peak	H
1	132.0000	-70.34	18.46	-51.88	-13.00	-38.88	peak	V
2	167.0000	-62.34	11.07	-51.27	-13.00	-38.27	peak	V
3	336.0000	-65.04	0.50	-64.54	-13.00	-51.54	peak	V
4	480.0000	-61.68	1.65	-60.03	-13.00	-47.03	peak	V
5	601.5000	-68.04	6.63	-61.41	-13.00	-48.41	peak	V
6	699.0000	-78.18	10.08	-68.10	-13.00	-55.10	peak	V
7	3244.000	-69.57	15.43	-54.14	-13.00	-41.14	peak	V
8	4684.000	-74.88	19.45	-55.43	-13.00	-42.43	peak	V
9	7108.000	-75.02	21.63	-53.39	-13.00	-40.39	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1902.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-69.40	6.00	-63.40	-13.00	-50.40	peak	H
2	208.0000	-64.72	0.57	-64.15	-13.00	-51.15	peak	H
3	367.5000	-61.07	-0.49	-61.56	-13.00	-48.56	peak	H
4	480.0000	-72.50	4.99	-67.51	-13.00	-54.51	peak	H
5	576.0000	-74.36	6.64	-67.72	-13.00	-54.72	peak	H
6	698.5000	-79.54	6.86	-72.68	-13.00	-59.68	peak	H
7	3292.000	-72.23	12.35	-59.88	-13.00	-46.88	peak	H
8	4756.000	-73.33	15.38	-57.95	-13.00	-44.95	peak	H
9	7108.000	-74.06	23.84	-50.22	-13.00	-37.22	peak	H
1	150.5000	-66.04	14.79	-51.25	-13.00	-38.25	peak	V
2	200.5000	-66.64	9.73	-56.91	-13.00	-43.91	peak	V
3	336.0000	-64.45	0.50	-63.95	-13.00	-50.95	peak	V
4	480.0000	-61.60	1.65	-59.95	-13.00	-46.95	peak	V
5	601.5000	-69.24	6.63	-62.61	-13.00	-49.61	peak	V
6	687.5000	-77.56	9.64	-67.92	-13.00	-54.92	peak	V
7	3280.000	-71.33	15.65	-55.68	-13.00	-42.68	peak	V
8	4816.000	-74.52	19.70	-54.82	-13.00	-41.82	peak	V
9	7168.000	-72.21	21.72	-50.49	-13.00	-37.49	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1860.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-68.50	6.13	-62.37	-13.00	-49.37	peak	H
2	214.0000	-61.70	-0.35	-62.05	-13.00	-49.05	peak	H
3	367.5000	-61.44	-0.49	-61.93	-13.00	-48.93	peak	H
4	467.5000	-72.26	4.36	-67.90	-13.00	-54.90	peak	H
5	576.0000	-76.25	6.64	-69.61	-13.00	-56.61	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3220.000	-70.89	12.11	-58.78	-13.00	-45.78	peak	H
8	4756.000	-74.30	15.38	-58.92	-13.00	-45.92	peak	H
9	7084.000	-74.86	23.76	-51.10	-13.00	-38.10	peak	H
1	157.5000	-66.52	17.72	-48.80	-13.00	-35.80	peak	V
2	200.5000	-63.99	9.73	-54.26	-13.00	-41.26	peak	V
3	334.5000	-63.54	0.51	-63.03	-13.00	-50.03	peak	V
4	480.0000	-62.17	1.65	-60.52	-13.00	-47.52	peak	V
5	572.5000	-72.96	4.35	-68.61	-13.00	-55.61	peak	V
6	698.5000	-77.95	10.05	-67.90	-13.00	-54.90	peak	V
7	3292.000	-71.75	15.73	-56.02	-13.00	-43.02	peak	V
8	4732.000	-73.97	19.54	-54.43	-13.00	-41.43	peak	V
9	7108.000	-73.43	21.63	-51.80	-13.00	-38.80	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.0000	-71.17	6.60	-64.57	-13.00	-51.57	peak	H
2	288.0000	-60.13	-4.10	-64.23	-13.00	-51.23	peak	H
3	367.5000	-60.89	-0.49	-61.38	-13.00	-48.38	peak	H
4	467.5000	-72.31	4.36	-67.95	-13.00	-54.95	peak	H
5	576.0000	-75.74	6.64	-69.10	-13.00	-56.10	peak	H
6	720.0000	-79.82	7.39	-72.43	-13.00	-59.43	peak	H
7	3316.000	-72.69	12.41	-60.28	-13.00	-47.28	peak	H
8	4708.000	-74.72	15.11	-59.61	-13.00	-46.61	peak	H
9	7156.000	-74.21	23.97	-50.24	-13.00	-37.24	peak	H
1	132.0000	-72.29	18.46	-53.83	-13.00	-40.83	peak	V
2	200.5000	-65.54	9.73	-55.81	-13.00	-42.81	peak	V
3	330.5000	-63.98	0.51	-63.47	-13.00	-50.47	peak	V
4	480.0000	-61.74	1.65	-60.09	-13.00	-47.09	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	672.0000	-77.51	9.23	-68.28	-13.00	-55.28	peak	V
7	3292.000	-72.42	15.73	-56.69	-13.00	-43.69	peak	V
8	4768.000	-74.39	19.61	-54.78	-13.00	-41.78	peak	V
9	7132.000	-75.13	21.65	-53.48	-13.00	-40.48	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 2	Date:	10/03/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1900.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.62	6.51	-62.11	-13.00	-49.11	peak	H
2	203.5000	-64.21	1.71	-62.50	-13.00	-49.50	peak	H
3	331.0000	-61.92	-1.34	-63.26	-13.00	-50.26	peak	H
4	367.5000	-61.16	-0.49	-61.65	-13.00	-48.65	peak	H
5	480.0000	-72.28	4.99	-67.29	-13.00	-54.29	peak	H
6	672.0000	-77.36	6.81	-70.55	-13.00	-57.55	peak	H
7	3292.000	-71.42	12.35	-59.07	-13.00	-46.07	peak	H
8	4768.000	-73.66	15.44	-58.22	-13.00	-45.22	peak	H
9	7120.000	-73.77	23.86	-49.91	-13.00	-36.91	peak	H
1	144.0000	-66.45	14.96	-51.49	-13.00	-38.49	peak	V
2	200.5000	-64.79	9.73	-55.06	-13.00	-42.06	peak	V
3	336.0000	-64.37	0.50	-63.87	-13.00	-50.87	peak	V
4	480.0000	-61.74	1.65	-60.09	-13.00	-47.09	peak	V
5	601.5000	-67.80	6.63	-61.17	-13.00	-48.17	peak	V
6	720.0000	-77.45	10.76	-66.69	-13.00	-53.69	peak	V
7	3292.000	-73.05	15.73	-57.32	-13.00	-44.32	peak	V
8	4672.000	-74.88	19.43	-55.45	-13.00	-42.45	peak	V
9	7132.000	-75.94	21.65	-54.29	-13.00	-41.29	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1710.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-70.28	6.13	-64.15	-13.00	-51.15	peak	H
2	215.0000	-60.47	-0.43	-60.90	-13.00	-47.90	peak	H
3	329.5000	-61.53	-1.35	-62.88	-13.00	-49.88	peak	H
4	432.0000	-74.37	3.03	-71.34	-13.00	-58.34	peak	H
5	576.0000	-76.56	6.64	-69.92	-13.00	-56.92	peak	H
6	720.0000	-78.08	7.39	-70.69	-13.00	-57.69	peak	H
7	3268.000	-71.49	12.26	-59.23	-13.00	-46.23	peak	H
8	4684.000	-74.31	14.98	-59.33	-13.00	-46.33	peak	H
9	7120.000	-74.03	23.86	-50.17	-13.00	-37.17	peak	H
1	157.5000	-68.22	17.72	-50.50	-13.00	-37.50	peak	V
2	200.5000	-65.28	9.73	-55.55	-13.00	-42.55	peak	V
3	330.5000	-63.40	0.51	-62.89	-13.00	-49.89	peak	V
4	480.0000	-61.59	1.65	-59.94	-13.00	-46.94	peak	V
5	601.5000	-68.20	6.63	-61.57	-13.00	-48.57	peak	V
6	716.0000	-77.60	10.63	-66.97	-13.00	-53.97	peak	V
7	3244.000	-70.78	15.43	-55.35	-13.00	-42.35	peak	V
8	4720.000	-73.54	19.52	-54.02	-13.00	-41.02	peak	V
9	7180.000	-75.13	21.74	-53.39	-13.00	-40.39	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.35	0.99	-67.36	-13.00	-54.36	peak	H
2	209.0000	-61.66	0.30	-61.36	-13.00	-48.36	peak	H
3	330.0000	-61.40	-1.36	-62.76	-13.00	-49.76	peak	H
4	467.5000	-72.74	4.36	-68.38	-13.00	-55.38	peak	H
5	576.0000	-76.93	6.64	-70.29	-13.00	-57.29	peak	H
6	720.0000	-77.49	7.39	-70.10	-13.00	-57.10	peak	H
7	3280.000	-71.00	12.31	-58.69	-13.00	-45.69	peak	H
8	4684.000	-74.07	14.98	-59.09	-13.00	-46.09	peak	H
9	7180.000	-74.71	24.04	-50.67	-13.00	-37.67	peak	H
1	130.5000	-70.68	19.05	-51.63	-13.00	-38.63	peak	V
2	200.5000	-64.00	9.73	-54.27	-13.00	-41.27	peak	V
3	332.5000	-63.22	0.51	-62.71	-13.00	-49.71	peak	V
4	480.0000	-61.78	1.65	-60.13	-13.00	-47.13	peak	V
5	600.0000	-72.33	6.49	-65.84	-13.00	-52.84	peak	V
6	673.0000	-77.72	9.25	-68.47	-13.00	-55.47	peak	V
7	3244.000	-71.03	15.43	-55.60	-13.00	-42.60	peak	V
8	4684.000	-73.71	19.45	-54.26	-13.00	-41.26	peak	V
9	7024.000	-73.82	21.48	-52.34	-13.00	-39.34	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1754.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-67.91	0.99	-66.92	-13.00	-53.92	peak	H
2	288.0000	-61.40	-4.10	-65.50	-13.00	-52.50	peak	H
3	367.5000	-61.33	-0.49	-61.82	-13.00	-48.82	peak	H
4	467.5000	-72.05	4.36	-67.69	-13.00	-54.69	peak	H
5	576.0000	-76.82	6.64	-70.18	-13.00	-57.18	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3328.000	-71.75	12.45	-59.30	-13.00	-46.30	peak	H
8	4708.000	-75.02	15.11	-59.91	-13.00	-46.91	peak	H
9	7132.000	-75.85	23.89	-51.96	-13.00	-38.96	peak	H
1	133.5000	-72.14	17.84	-54.30	-13.00	-41.30	peak	V
2	200.5000	-64.63	9.73	-54.90	-13.00	-41.90	peak	V
3	336.0000	-65.09	0.50	-64.59	-13.00	-51.59	peak	V
4	480.0000	-61.91	1.65	-60.26	-13.00	-47.26	peak	V
5	601.5000	-68.97	6.63	-62.34	-13.00	-49.34	peak	V
6	687.5000	-77.55	9.64	-67.91	-13.00	-54.91	peak	V
7	3292.000	-71.07	15.73	-55.34	-13.00	-42.34	peak	V
8	4720.000	-73.53	19.52	-54.01	-13.00	-41.01	peak	V
9	7120.000	-74.68	21.63	-53.05	-13.00	-40.05	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1711.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.51	6.13	-63.38	-13.00	-50.38	peak	H
2	288.0000	-60.47	-4.10	-64.57	-13.00	-51.57	peak	H
3	367.5000	-60.75	-0.49	-61.24	-13.00	-48.24	peak	H
4	480.0000	-72.64	4.99	-67.65	-13.00	-54.65	peak	H
5	576.0000	-75.76	6.64	-69.12	-13.00	-56.12	peak	H
6	668.0000	-78.26	6.82	-71.44	-13.00	-58.44	peak	H
7	3292.000	-72.03	12.35	-59.68	-13.00	-46.68	peak	H
8	4684.000	-74.37	14.98	-59.39	-13.00	-46.39	peak	H
9	7120.000	-74.41	23.86	-50.55	-13.00	-37.55	peak	H
1	157.5000	-67.77	17.72	-50.05	-13.00	-37.05	peak	V
2	200.5000	-64.11	9.73	-54.38	-13.00	-41.38	peak	V
3	336.0000	-65.67	0.50	-65.17	-13.00	-52.17	peak	V
4	480.0000	-61.52	1.65	-59.87	-13.00	-46.87	peak	V
5	601.5000	-68.78	6.63	-62.15	-13.00	-49.15	peak	V
6	701.5000	-78.15	10.16	-67.99	-13.00	-54.99	peak	V
7	3292.000	-72.15	15.73	-56.42	-13.00	-43.42	peak	V
8	4732.000	-73.22	19.54	-53.68	-13.00	-40.68	peak	V
9	7084.000	-74.70	21.57	-53.13	-13.00	-40.13	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-67.70	5.10	-62.60	-13.00	-49.60	peak	H
2	209.0000	-61.77	0.30	-61.47	-13.00	-48.47	peak	H
3	329.0000	-61.94	-1.36	-63.30	-13.00	-50.30	peak	H
4	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
5	467.5000	-72.12	4.36	-67.76	-13.00	-54.76	peak	H
6	576.0000	-75.78	6.64	-69.14	-13.00	-56.14	peak	H
7	3196.000	-72.24	12.05	-60.19	-13.00	-47.19	peak	H
8	4768.000	-74.04	15.44	-58.60	-13.00	-45.60	peak	H
9	7204.000	-73.74	24.10	-49.64	-13.00	-36.64	peak	H
1	167.0000	-62.53	11.07	-51.46	-13.00	-38.46	peak	V
2	200.5000	-67.25	9.73	-57.52	-13.00	-44.52	peak	V
3	336.0000	-66.36	0.50	-65.86	-13.00	-52.86	peak	V
4	480.0000	-62.11	1.65	-60.46	-13.00	-47.46	peak	V
5	601.5000	-68.95	6.63	-62.32	-13.00	-49.32	peak	V
6	701.5000	-76.84	10.16	-66.68	-13.00	-53.68	peak	V
7	3292.000	-71.64	15.73	-55.91	-13.00	-42.91	peak	V
8	4684.000	-75.37	19.45	-55.92	-13.00	-42.92	peak	V
9	7120.000	-75.31	21.63	-53.68	-13.00	-40.68	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1753.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.25	5.23	-62.02	-13.00	-49.02	peak	H
2	214.0000	-61.29	-0.35	-61.64	-13.00	-48.64	peak	H
3	367.5000	-60.80	-0.49	-61.29	-13.00	-48.29	peak	H
4	467.5000	-72.21	4.36	-67.85	-13.00	-54.85	peak	H
5	576.0000	-75.45	6.64	-68.81	-13.00	-55.81	peak	H
6	701.5000	-78.88	6.91	-71.97	-13.00	-58.97	peak	H
7	3268.000	-71.75	12.26	-59.49	-13.00	-46.49	peak	H
8	4780.000	-73.27	15.50	-57.77	-13.00	-44.77	peak	H
9	7120.000	-73.88	23.86	-50.02	-13.00	-37.02	peak	H
1	156.0000	-66.75	17.09	-49.66	-13.00	-36.66	peak	V
2	200.5000	-69.26	9.73	-59.53	-13.00	-46.53	peak	V
3	332.0000	-63.75	0.50	-63.25	-13.00	-50.25	peak	V
4	480.0000	-61.99	1.65	-60.34	-13.00	-47.34	peak	V
5	601.5000	-68.15	6.63	-61.52	-13.00	-48.52	peak	V
6	687.0000	-77.29	9.62	-67.67	-13.00	-54.67	peak	V
7	3172.000	-70.18	14.98	-55.20	-13.00	-42.20	peak	V
8	4768.000	-73.20	19.61	-53.59	-13.00	-40.59	peak	V
9	7132.000	-73.65	21.65	-52.00	-13.00	-39.00	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1712.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-69.49	6.00	-63.49	-13.00	-50.49	peak	H
2	214.0000	-60.93	-0.35	-61.28	-13.00	-48.28	peak	H
3	367.5000	-61.24	-0.49	-61.73	-13.00	-48.73	peak	H
4	467.5000	-71.47	4.36	-67.11	-13.00	-54.11	peak	H
5	576.0000	-75.66	6.64	-69.02	-13.00	-56.02	peak	H
6	668.0000	-79.88	6.82	-73.06	-13.00	-60.06	peak	H
7	3280.000	-71.79	12.31	-59.48	-13.00	-46.48	peak	H
8	4804.000	-74.98	15.63	-59.35	-13.00	-46.35	peak	H
9	7108.000	-75.51	23.84	-51.67	-13.00	-38.67	peak	H
1	155.0000	-67.36	16.67	-50.69	-13.00	-37.69	peak	V
2	200.5000	-65.77	9.73	-56.04	-13.00	-43.04	peak	V
3	331.5000	-65.79	0.51	-65.28	-13.00	-52.28	peak	V
4	480.0000	-62.74	1.65	-61.09	-13.00	-48.09	peak	V
5	601.5000	-68.28	6.63	-61.65	-13.00	-48.65	peak	V
6	720.0000	-75.93	10.76	-65.17	-13.00	-52.17	peak	V
7	3244.000	-71.62	15.43	-56.19	-13.00	-43.19	peak	V
8	4708.000	-74.83	19.49	-55.34	-13.00	-42.34	peak	V
9	7204.000	-75.50	21.76	-53.74	-13.00	-40.74	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.76	6.51	-62.25	-13.00	-49.25	peak	H
2	200.5000	-66.13	2.48	-63.65	-13.00	-50.65	peak	H
3	288.0000	-60.98	-4.10	-65.08	-13.00	-52.08	peak	H
4	367.5000	-61.44	-0.49	-61.93	-13.00	-48.93	peak	H
5	467.5000	-72.94	4.36	-68.58	-13.00	-55.58	peak	H
6	576.0000	-75.89	6.64	-69.25	-13.00	-56.25	peak	H
7	3232.000	-70.68	12.16	-58.52	-13.00	-45.52	peak	H
8	4684.000	-73.85	14.98	-58.87	-13.00	-45.87	peak	H
9	7072.000	-74.56	23.73	-50.83	-13.00	-37.83	peak	H
1	144.0000	-65.09	14.96	-50.13	-13.00	-37.13	peak	V
2	200.5000	-65.10	9.73	-55.37	-13.00	-42.37	peak	V
3	334.0000	-63.35	0.50	-62.85	-13.00	-49.85	peak	V
4	480.0000	-62.07	1.65	-60.42	-13.00	-47.42	peak	V
5	601.5000	-66.83	6.63	-60.20	-13.00	-47.20	peak	V
6	768.0000	-76.09	10.90	-65.19	-13.00	-52.19	peak	V
7	3316.000	-71.02	15.87	-55.15	-13.00	-42.15	peak	V
8	4708.000	-75.89	19.49	-56.40	-13.00	-43.40	peak	V
9	7156.000	-75.17	21.69	-53.48	-13.00	-40.48	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1752.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-72.40	6.51	-65.89	-13.00	-52.89	peak	H
2	200.5000	-66.29	2.48	-63.81	-13.00	-50.81	peak	H
3	367.5000	-61.89	-0.49	-62.38	-13.00	-49.38	peak	H
4	467.5000	-72.16	4.36	-67.80	-13.00	-54.80	peak	H
5	576.0000	-75.56	6.64	-68.92	-13.00	-55.92	peak	H
6	624.0000	-79.77	6.90	-72.87	-13.00	-59.87	peak	H
7	3268.000	-70.25	12.26	-57.99	-13.00	-44.99	peak	H
8	4804.000	-72.74	15.63	-57.11	-13.00	-44.11	peak	H
9	7108.000	-75.59	23.84	-51.75	-13.00	-38.75	peak	H
1	144.0000	-65.82	14.96	-50.86	-13.00	-37.86	peak	V
2	213.5000	-70.71	7.14	-63.57	-13.00	-50.57	peak	V
3	336.0000	-62.88	0.50	-62.38	-13.00	-49.38	peak	V
4	480.0000	-64.39	1.65	-62.74	-13.00	-49.74	peak	V
5	601.5000	-69.43	6.63	-62.80	-13.00	-49.80	peak	V
6	672.0000	-76.90	9.23	-67.67	-13.00	-54.67	peak	V
7	3184.000	-72.28	15.06	-57.22	-13.00	-44.22	peak	V
8	4732.000	-74.71	19.54	-55.17	-13.00	-42.17	peak	V
9	7180.000	-74.06	21.74	-52.32	-13.00	-39.32	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1715.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-73.00	6.51	-66.49	-13.00	-53.49	peak	H
2	288.0000	-60.02	-4.10	-64.12	-13.00	-51.12	peak	H
3	367.5000	-61.33	-0.49	-61.82	-13.00	-48.82	peak	H
4	467.5000	-71.86	4.36	-67.50	-13.00	-54.50	peak	H
5	576.0000	-76.23	6.64	-69.59	-13.00	-56.59	peak	H
6	720.0000	-77.91	7.39	-70.52	-13.00	-57.52	peak	H
7	3340.000	-70.86	12.49	-58.37	-13.00	-45.37	peak	H
8	4684.000	-74.25	14.98	-59.27	-13.00	-46.27	peak	H
9	7168.000	-75.32	24.01	-51.31	-13.00	-38.31	peak	H
1	157.5000	-67.84	17.72	-50.12	-13.00	-37.12	peak	V
2	200.5000	-65.12	9.73	-55.39	-13.00	-42.39	peak	V
3	335.5000	-63.40	0.51	-62.89	-13.00	-49.89	peak	V
4	480.0000	-63.00	1.65	-61.35	-13.00	-48.35	peak	V
5	601.5000	-69.18	6.63	-62.55	-13.00	-49.55	peak	V
6	716.0000	-76.86	10.63	-66.23	-13.00	-53.23	peak	V
7	3292.000	-71.00	15.73	-55.27	-13.00	-42.27	peak	V
8	4732.000	-73.84	19.54	-54.30	-13.00	-41.30	peak	V
9	7084.000	-75.31	21.57	-53.74	-13.00	-40.74	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-70.22	6.26	-63.96	-13.00	-50.96	peak	H
2	210.0000	-62.08	0.05	-62.03	-13.00	-49.03	peak	H
3	367.5000	-61.10	-0.49	-61.59	-13.00	-48.59	peak	H
4	467.5000	-73.57	4.36	-69.21	-13.00	-56.21	peak	H
5	528.0000	-76.88	7.01	-69.87	-13.00	-56.87	peak	H
6	624.0000	-78.20	6.90	-71.30	-13.00	-58.30	peak	H
7	3292.000	-71.75	12.35	-59.40	-13.00	-46.40	peak	H
8	4732.000	-74.69	15.24	-59.45	-13.00	-46.45	peak	H
9	7072.000	-74.71	23.73	-50.98	-13.00	-37.98	peak	H
1	156.0000	-67.35	17.09	-50.26	-13.00	-37.26	peak	V
2	200.5000	-64.74	9.73	-55.01	-13.00	-42.01	peak	V
3	331.5000	-63.53	0.51	-63.02	-13.00	-50.02	peak	V
4	480.0000	-63.15	1.65	-61.50	-13.00	-48.50	peak	V
5	601.5000	-68.11	6.63	-61.48	-13.00	-48.48	peak	V
6	720.0000	-77.82	10.76	-67.06	-13.00	-54.06	peak	V
7	3292.000	-71.55	15.73	-55.82	-13.00	-42.82	peak	V
8	4708.000	-74.70	19.49	-55.21	-13.00	-42.21	peak	V
9	7180.000	-74.55	21.74	-52.81	-13.00	-39.81	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1750.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-67.65	5.10	-62.55	-13.00	-49.55	peak	H
2	203.5000	-63.94	1.71	-62.23	-13.00	-49.23	peak	H
3	288.0000	-60.03	-4.10	-64.13	-13.00	-51.13	peak	H
4	367.5000	-61.16	-0.49	-61.65	-13.00	-48.65	peak	H
5	528.0000	-78.16	7.01	-71.15	-13.00	-58.15	peak	H
6	630.5000	-80.43	6.68	-73.75	-13.00	-60.75	peak	H
7	3268.000	-72.70	12.26	-60.44	-13.00	-47.44	peak	H
8	4816.000	-75.72	15.70	-60.02	-13.00	-47.02	peak	H
9	7156.000	-74.56	23.97	-50.59	-13.00	-37.59	peak	H
1	144.0000	-66.42	14.96	-51.46	-13.00	-38.46	peak	V
2	200.5000	-66.10	9.73	-56.37	-13.00	-43.37	peak	V
3	336.0000	-62.96	0.50	-62.46	-13.00	-49.46	peak	V
4	528.0000	-69.09	2.69	-66.40	-13.00	-53.40	peak	V
5	601.5000	-68.71	6.63	-62.08	-13.00	-49.08	peak	V
6	672.0000	-78.39	9.23	-69.16	-13.00	-56.16	peak	V
7	3280.000	-72.25	15.65	-56.60	-13.00	-43.60	peak	V
8	4732.000	-72.28	19.54	-52.74	-13.00	-39.74	peak	V
9	7132.000	-75.72	21.65	-54.07	-13.00	-41.07	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1717.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.11	6.90	-62.21	-13.00	-49.21	peak	H
2	214.5000	-61.13	-0.39	-61.52	-13.00	-48.52	peak	H
3	367.5000	-61.25	-0.49	-61.74	-13.00	-48.74	peak	H
4	467.5000	-72.84	4.36	-68.48	-13.00	-55.48	peak	H
5	576.0000	-74.93	6.64	-68.29	-13.00	-55.29	peak	H
6	701.5000	-77.73	6.91	-70.82	-13.00	-57.82	peak	H
7	3232.000	-71.48	12.16	-59.32	-13.00	-46.32	peak	H
8	4768.000	-73.57	15.44	-58.13	-13.00	-45.13	peak	H
9	7168.000	-74.86	24.01	-50.85	-13.00	-37.85	peak	H
1	157.5000	-67.67	17.72	-49.95	-13.00	-36.95	peak	V
2	200.5000	-64.97	9.73	-55.24	-13.00	-42.24	peak	V
3	336.5000	-64.39	0.51	-63.88	-13.00	-50.88	peak	V
4	480.0000	-63.89	1.65	-62.24	-13.00	-49.24	peak	V
5	601.5000	-69.31	6.63	-62.68	-13.00	-49.68	peak	V
6	720.0000	-78.08	10.76	-67.32	-13.00	-54.32	peak	V
7	3292.000	-73.28	15.73	-57.55	-13.00	-44.55	peak	V
8	4768.000	-73.63	19.61	-54.02	-13.00	-41.02	peak	V
9	7120.000	-75.22	21.63	-53.59	-13.00	-40.59	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-70.93	5.36	-65.57	-13.00	-52.57	peak	H
2	204.5000	-63.13	1.47	-61.66	-13.00	-48.66	peak	H
3	327.5000	-62.09	-1.37	-63.46	-13.00	-50.46	peak	H
4	367.5000	-61.02	-0.49	-61.51	-13.00	-48.51	peak	H
5	576.0000	-74.95	6.64	-68.31	-13.00	-55.31	peak	H
6	701.5000	-79.22	6.91	-72.31	-13.00	-59.31	peak	H
7	3244.000	-69.82	12.19	-57.63	-13.00	-44.63	peak	H
8	4732.000	-73.96	15.24	-58.72	-13.00	-45.72	peak	H
9	7132.000	-74.85	23.89	-50.96	-13.00	-37.96	peak	H
1	144.0000	-65.46	14.96	-50.50	-13.00	-37.50	peak	V
2	200.5000	-63.99	9.73	-54.26	-13.00	-41.26	peak	V
3	331.0000	-63.18	0.50	-62.68	-13.00	-49.68	peak	V
4	480.0000	-62.71	1.65	-61.06	-13.00	-48.06	peak	V
5	601.5000	-68.59	6.63	-61.96	-13.00	-48.96	peak	V
6	720.0000	-79.03	10.76	-68.27	-13.00	-55.27	peak	V
7	3268.000	-71.75	15.57	-56.18	-13.00	-43.18	peak	V
8	4708.000	-73.31	19.49	-53.82	-13.00	-40.82	peak	V
9	7132.000	-73.93	21.65	-52.28	-13.00	-39.28	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1747.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.5000	-69.88	5.88	-64.00	-13.00	-51.00	peak	H
2	203.5000	-63.33	1.71	-61.62	-13.00	-48.62	peak	H
3	288.0000	-59.38	-4.10	-63.48	-13.00	-50.48	peak	H
4	367.5000	-61.47	-0.49	-61.96	-13.00	-48.96	peak	H
5	467.5000	-72.78	4.36	-68.42	-13.00	-55.42	peak	H
6	601.5000	-78.61	6.99	-71.62	-13.00	-58.62	peak	H
7	3280.000	-72.04	12.31	-59.73	-13.00	-46.73	peak	H
8	4732.000	-73.74	15.24	-58.50	-13.00	-45.50	peak	H
9	7072.000	-73.63	23.73	-49.90	-13.00	-36.90	peak	H
1	144.0000	-66.56	14.96	-51.60	-13.00	-38.60	peak	V
2	200.5000	-64.82	9.73	-55.09	-13.00	-42.09	peak	V
3	331.0000	-63.48	0.50	-62.98	-13.00	-49.98	peak	V
4	480.0000	-63.42	1.65	-61.77	-13.00	-48.77	peak	V
5	601.5000	-69.39	6.63	-62.76	-13.00	-49.76	peak	V
6	720.0000	-77.94	10.76	-67.18	-13.00	-54.18	peak	V
7	3268.000	-71.34	15.57	-55.77	-13.00	-42.77	peak	V
8	4756.000	-73.90	19.59	-54.31	-13.00	-41.31	peak	V
9	7120.000	-74.02	21.63	-52.39	-13.00	-39.39	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1720.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.15	6.63	-62.52	-13.00	-49.52	peak	H
2	214.5000	-60.44	-0.39	-60.83	-13.00	-47.83	peak	H
3	367.5000	-62.04	-0.49	-62.53	-13.00	-49.53	peak	H
4	467.5000	-73.05	4.36	-68.69	-13.00	-55.69	peak	H
5	576.0000	-75.68	6.64	-69.04	-13.00	-56.04	peak	H
6	672.0000	-78.92	6.81	-72.11	-13.00	-59.11	peak	H
7	3268.000	-69.86	12.26	-57.60	-13.00	-44.60	peak	H
8	4756.000	-73.80	15.38	-58.42	-13.00	-45.42	peak	H
9	7108.000	-73.46	23.84	-49.62	-13.00	-36.62	peak	H
1	133.5000	-73.79	17.84	-55.95	-13.00	-42.95	peak	V
2	157.5000	-68.43	17.72	-50.71	-13.00	-37.71	peak	V
3	200.5000	-69.11	9.73	-59.38	-13.00	-46.38	peak	V
4	331.0000	-64.43	0.50	-63.93	-13.00	-50.93	peak	V
5	480.0000	-63.74	1.65	-62.09	-13.00	-49.09	peak	V
6	601.5000	-69.54	6.63	-62.91	-13.00	-49.91	peak	V
7	3232.000	-69.94	15.36	-54.58	-13.00	-41.58	peak	V
8	4816.000	-72.01	19.70	-52.31	-13.00	-39.31	peak	V
9	7168.000	-74.50	21.72	-52.78	-13.00	-39.78	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.03	6.13	-62.90	-13.00	-49.90	peak	H
2	204.5000	-63.57	1.47	-62.10	-13.00	-49.10	peak	H
3	367.5000	-60.94	-0.49	-61.43	-13.00	-48.43	peak	H
4	467.5000	-73.23	4.36	-68.87	-13.00	-55.87	peak	H
5	576.0000	-75.56	6.64	-68.92	-13.00	-55.92	peak	H
6	667.5000	-80.41	6.82	-73.59	-13.00	-60.59	peak	H
7	3364.000	-71.05	12.57	-58.48	-13.00	-45.48	peak	H
8	4732.000	-73.83	15.24	-58.59	-13.00	-45.59	peak	H
9	7120.000	-75.79	23.86	-51.93	-13.00	-38.93	peak	H
1	144.0000	-64.28	14.96	-49.32	-13.00	-36.32	peak	V
2	200.5000	-65.76	9.73	-56.03	-13.00	-43.03	peak	V
3	336.0000	-65.39	0.50	-64.89	-13.00	-51.89	peak	V
4	480.0000	-63.20	1.65	-61.55	-13.00	-48.55	peak	V
5	601.5000	-69.40	6.63	-62.77	-13.00	-49.77	peak	V
6	720.0000	-77.97	10.76	-67.21	-13.00	-54.21	peak	V
7	3232.000	-70.06	15.36	-54.70	-13.00	-41.70	peak	V
8	4720.000	-74.10	19.52	-54.58	-13.00	-41.58	peak	V
9	7156.000	-74.75	21.69	-53.06	-13.00	-40.06	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	1745.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-70.16	5.36	-64.80	-13.00	-51.80	peak	H
2	202.5000	-64.88	1.97	-62.91	-13.00	-49.91	peak	H
3	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
4	432.0000	-73.30	3.03	-70.27	-13.00	-57.27	peak	H
5	576.0000	-75.27	6.64	-68.63	-13.00	-55.63	peak	H
6	720.0000	-79.65	7.39	-72.26	-13.00	-59.26	peak	H
7	3280.000	-70.80	12.31	-58.49	-13.00	-45.49	peak	H
8	4720.000	-75.18	15.18	-60.00	-13.00	-47.00	peak	H
9	7024.000	-73.92	23.59	-50.33	-13.00	-37.33	peak	H
1	144.0000	-64.48	14.96	-49.52	-13.00	-36.52	peak	V
2	200.5000	-67.49	9.73	-57.76	-13.00	-44.76	peak	V
3	336.0000	-62.66	0.50	-62.16	-13.00	-49.16	peak	V
4	480.0000	-63.02	1.65	-61.37	-13.00	-48.37	peak	V
5	601.5000	-68.28	6.63	-61.65	-13.00	-48.65	peak	V
6	673.0000	-78.28	9.25	-69.03	-13.00	-56.03	peak	V
7	3316.000	-71.89	15.87	-56.02	-13.00	-43.02	peak	V
8	4732.000	-75.33	19.54	-55.79	-13.00	-42.79	peak	V
9	7084.000	-73.34	21.57	-51.77	-13.00	-38.77	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1710.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.53	0.99	-67.54	-13.00	-54.54	peak	H
2	288.0000	-60.87	-4.10	-64.97	-13.00	-51.97	peak	H
3	367.5000	-61.25	-0.49	-61.74	-13.00	-48.74	peak	H
4	467.5000	-71.75	4.36	-67.39	-13.00	-54.39	peak	H
5	576.0000	-76.12	6.64	-69.48	-13.00	-56.48	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3220.000	-70.69	12.11	-58.58	-13.00	-45.58	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7120.000	-72.71	23.86	-48.85	-13.00	-35.85	peak	H
1	133.5000	-69.39	17.84	-51.55	-13.00	-38.55	peak	V
2	167.0000	-62.23	11.07	-51.16	-13.00	-38.16	peak	V
3	200.5000	-67.51	9.73	-57.78	-13.00	-44.78	peak	V
4	333.5000	-64.10	0.51	-63.59	-13.00	-50.59	peak	V
5	480.0000	-61.94	1.65	-60.29	-13.00	-47.29	peak	V
6	601.5000	-68.46	6.63	-61.83	-13.00	-48.83	peak	V
7	3268.000	-71.51	15.57	-55.94	-13.00	-42.94	peak	V
8	4684.000	-73.61	19.45	-54.16	-13.00	-41.16	peak	V
9	7120.000	-73.64	21.63	-52.01	-13.00	-39.01	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.68	5.23	-62.45	-13.00	-49.45	peak	H
2	213.0000	-64.94	-0.25	-65.19	-13.00	-52.19	peak	H
3	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
4	467.5000	-72.16	4.36	-67.80	-13.00	-54.80	peak	H
5	576.0000	-75.80	6.64	-69.16	-13.00	-56.16	peak	H
6	668.0000	-79.11	6.82	-72.29	-13.00	-59.29	peak	H
7	3268.000	-70.84	12.26	-58.58	-13.00	-45.58	peak	H
8	4708.000	-74.93	15.11	-59.82	-13.00	-46.82	peak	H
9	7120.000	-73.02	23.86	-49.16	-13.00	-36.16	peak	H
1	157.5000	-67.93	17.72	-50.21	-13.00	-37.21	peak	V
2	200.5000	-65.85	9.73	-56.12	-13.00	-43.12	peak	V
3	336.0000	-64.62	0.50	-64.12	-13.00	-51.12	peak	V
4	480.0000	-61.36	1.65	-59.71	-13.00	-46.71	peak	V
5	601.5000	-67.37	6.63	-60.74	-13.00	-47.74	peak	V
6	716.0000	-77.99	10.63	-67.36	-13.00	-54.36	peak	V
7	3316.000	-70.43	15.87	-54.56	-13.00	-41.56	peak	V
8	4732.000	-73.61	19.54	-54.07	-13.00	-41.07	peak	V
9	7036.000	-73.38	21.52	-51.86	-13.00	-38.86	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1754.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.27	6.38	-61.89	-13.00	-48.89	peak	H
2	218.0000	-63.43	-0.74	-64.17	-13.00	-51.17	peak	H
3	367.5000	-61.28	-0.49	-61.77	-13.00	-48.77	peak	H
4	467.5000	-72.20	4.36	-67.84	-13.00	-54.84	peak	H
5	576.0000	-75.45	6.64	-68.81	-13.00	-55.81	peak	H
6	720.0000	-78.47	7.39	-71.08	-13.00	-58.08	peak	H
7	3292.000	-71.03	12.35	-58.68	-13.00	-45.68	peak	H
8	4816.000	-74.70	15.70	-59.00	-13.00	-46.00	peak	H
9	7156.000	-74.07	23.97	-50.10	-13.00	-37.10	peak	H
1	144.0000	-66.96	14.96	-52.00	-13.00	-39.00	peak	V
2	200.5000	-64.33	9.73	-54.60	-13.00	-41.60	peak	V
3	336.0000	-64.90	0.50	-64.40	-13.00	-51.40	peak	V
4	480.0000	-61.49	1.65	-59.84	-13.00	-46.84	peak	V
5	601.5000	-68.34	6.63	-61.71	-13.00	-48.71	peak	V
6	672.0000	-77.93	9.23	-68.70	-13.00	-55.70	peak	V
7	3244.000	-70.14	15.43	-54.71	-13.00	-41.71	peak	V
8	4720.000	-73.44	19.52	-53.92	-13.00	-40.92	peak	V
9	7108.000	-73.19	21.63	-51.56	-13.00	-38.56	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1711.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.34	5.23	-62.11	-13.00	-49.11	peak	H
2	220.0000	-62.44	-0.94	-63.38	-13.00	-50.38	peak	H
3	367.5000	-60.87	-0.49	-61.36	-13.00	-48.36	peak	H
4	467.5000	-72.17	4.36	-67.81	-13.00	-54.81	peak	H
5	576.0000	-75.71	6.64	-69.07	-13.00	-56.07	peak	H
6	672.0000	-77.59	6.81	-70.78	-13.00	-57.78	peak	H
7	3244.000	-70.50	12.19	-58.31	-13.00	-45.31	peak	H
8	4732.000	-74.48	15.24	-59.24	-13.00	-46.24	peak	H
9	7072.000	-75.30	23.73	-51.57	-13.00	-38.57	peak	H
1	157.5000	-67.18	17.72	-49.46	-13.00	-36.46	peak	V
2	200.5000	-64.31	9.73	-54.58	-13.00	-41.58	peak	V
3	334.0000	-64.67	0.50	-64.17	-13.00	-51.17	peak	V
4	480.0000	-61.67	1.65	-60.02	-13.00	-47.02	peak	V
5	601.5000	-68.43	6.63	-61.80	-13.00	-48.80	peak	V
6	673.0000	-76.35	9.25	-67.10	-13.00	-54.10	peak	V
7	3268.000	-70.75	15.57	-55.18	-13.00	-42.18	peak	V
8	4720.000	-74.00	19.52	-54.48	-13.00	-41.48	peak	V
9	7132.000	-75.38	21.65	-53.73	-13.00	-40.73	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.0000	-72.84	6.76	-66.08	-13.00	-53.08	peak	H
2	215.0000	-60.59	-0.43	-61.02	-13.00	-48.02	peak	H
3	329.5000	-61.87	-1.35	-63.22	-13.00	-50.22	peak	H
4	367.5000	-60.99	-0.49	-61.48	-13.00	-48.48	peak	H
5	480.0000	-75.16	4.99	-70.17	-13.00	-57.17	peak	H
6	624.0000	-80.18	6.90	-73.28	-13.00	-60.28	peak	H
7	3268.000	-68.86	12.26	-56.60	-13.00	-43.60	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7108.000	-72.03	23.84	-48.19	-13.00	-35.19	peak	H
1	167.0000	-62.66	11.07	-51.59	-13.00	-38.59	peak	V
2	200.5000	-66.22	9.73	-56.49	-13.00	-43.49	peak	V
3	336.0000	-63.23	0.50	-62.73	-13.00	-49.73	peak	V
4	480.0000	-62.74	1.65	-61.09	-13.00	-48.09	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	687.0000	-76.79	9.62	-67.17	-13.00	-54.17	peak	V
7	3268.000	-71.30	15.57	-55.73	-13.00	-42.73	peak	V
8	4732.000	-73.18	19.54	-53.64	-13.00	-40.64	peak	V
9	7156.000	-73.11	21.69	-51.42	-13.00	-38.42	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1753.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.0000	-69.56	4.63	-64.93	-13.00	-51.93	peak	H
2	215.0000	-61.02	-0.43	-61.45	-13.00	-48.45	peak	H
3	288.0000	-60.08	-4.10	-64.18	-13.00	-51.18	peak	H
4	367.5000	-61.35	-0.49	-61.84	-13.00	-48.84	peak	H
5	467.5000	-72.39	4.36	-68.03	-13.00	-55.03	peak	H
6	668.0000	-79.77	6.82	-72.95	-13.00	-59.95	peak	H
7	3280.000	-71.91	12.31	-59.60	-13.00	-46.60	peak	H
8	4720.000	-75.59	15.18	-60.41	-13.00	-47.41	peak	H
9	7132.000	-74.49	23.89	-50.60	-13.00	-37.60	peak	H
1	167.0000	-62.19	11.07	-51.12	-13.00	-38.12	peak	V
2	200.5000	-65.75	9.73	-56.02	-13.00	-43.02	peak	V
3	336.0000	-65.47	0.50	-64.97	-13.00	-51.97	peak	V
4	480.0000	-63.17	1.65	-61.52	-13.00	-48.52	peak	V
5	601.5000	-68.34	6.63	-61.71	-13.00	-48.71	peak	V
6	716.0000	-77.88	10.63	-67.25	-13.00	-54.25	peak	V
7	3316.000	-73.26	15.87	-57.39	-13.00	-44.39	peak	V
8	4780.000	-74.74	19.63	-55.11	-13.00	-42.11	peak	V
9	7156.000	-75.27	21.69	-53.58	-13.00	-40.58	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1712.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.75	6.38	-62.37	-13.00	-49.37	peak	H
2	204.0000	-63.10	1.58	-61.52	-13.00	-48.52	peak	H
3	367.5000	-60.53	-0.49	-61.02	-13.00	-48.02	peak	H
4	467.5000	-72.72	4.36	-68.36	-13.00	-55.36	peak	H
5	528.0000	-76.97	7.01	-69.96	-13.00	-56.96	peak	H
6	672.0000	-78.83	6.81	-72.02	-13.00	-59.02	peak	H
7	3316.000	-71.83	12.41	-59.42	-13.00	-46.42	peak	H
8	4756.000	-74.36	15.38	-58.98	-13.00	-45.98	peak	H
9	7060.000	-74.42	23.69	-50.73	-13.00	-37.73	peak	H
1	157.5000	-68.06	17.72	-50.34	-13.00	-37.34	peak	V
2	200.5000	-68.39	9.73	-58.66	-13.00	-45.66	peak	V
3	332.5000	-63.36	0.51	-62.85	-13.00	-49.85	peak	V
4	480.0000	-63.70	1.65	-62.05	-13.00	-49.05	peak	V
5	601.5000	-70.18	6.63	-63.55	-13.00	-50.55	peak	V
6	716.0000	-77.97	10.63	-67.34	-13.00	-54.34	peak	V
7	3244.000	-72.05	15.43	-56.62	-13.00	-43.62	peak	V
8	4720.000	-75.50	19.52	-55.98	-13.00	-42.98	peak	V
9	7168.000	-74.47	21.72	-52.75	-13.00	-39.75	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-68.95	6.13	-62.82	-13.00	-49.82	peak	H
2	215.0000	-61.84	-0.43	-62.27	-13.00	-49.27	peak	H
3	367.5000	-61.55	-0.49	-62.04	-13.00	-49.04	peak	H
4	467.5000	-73.07	4.36	-68.71	-13.00	-55.71	peak	H
5	601.5000	-77.44	6.99	-70.45	-13.00	-57.45	peak	H
6	720.0000	-77.42	7.39	-70.03	-13.00	-57.03	peak	H
7	3316.000	-72.01	12.41	-59.60	-13.00	-46.60	peak	H
8	4756.000	-73.16	15.38	-57.78	-13.00	-44.78	peak	H
9	7084.000	-74.48	23.76	-50.72	-13.00	-37.72	peak	H
1	144.0000	-65.33	14.96	-50.37	-13.00	-37.37	peak	V
2	200.5000	-63.66	9.73	-53.93	-13.00	-40.93	peak	V
3	330.0000	-63.19	0.49	-62.70	-13.00	-49.70	peak	V
4	480.0000	-63.75	1.65	-62.10	-13.00	-49.10	peak	V
5	601.5000	-69.18	6.63	-62.55	-13.00	-49.55	peak	V
6	720.0000	-77.98	10.76	-67.22	-13.00	-54.22	peak	V
7	3232.000	-71.50	15.36	-56.14	-13.00	-43.14	peak	V
8	4804.000	-73.31	19.67	-53.64	-13.00	-40.64	peak	V
9	7180.000	-74.24	21.74	-52.50	-13.00	-39.50	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1752.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	144.0000	-68.67	2.89	-65.78	-13.00	-52.78	peak	H
2	200.5000	-66.11	2.48	-63.63	-13.00	-50.63	peak	H
3	288.0000	-61.09	-4.10	-65.19	-13.00	-52.19	peak	H
4	367.5000	-60.57	-0.49	-61.06	-13.00	-48.06	peak	H
5	467.5000	-72.59	4.36	-68.23	-13.00	-55.23	peak	H
6	601.5000	-78.48	6.99	-71.49	-13.00	-58.49	peak	H
7	3292.000	-70.95	12.35	-58.60	-13.00	-45.60	peak	H
8	4720.000	-74.52	15.18	-59.34	-13.00	-46.34	peak	H
9	7132.000	-73.84	23.89	-49.95	-13.00	-36.95	peak	H
1	144.0000	-64.23	14.96	-49.27	-13.00	-36.27	peak	V
2	200.5000	-64.25	9.73	-54.52	-13.00	-41.52	peak	V
3	336.0000	-65.45	0.50	-64.95	-13.00	-51.95	peak	V
4	480.0000	-63.97	1.65	-62.32	-13.00	-49.32	peak	V
5	601.5000	-67.95	6.63	-61.32	-13.00	-48.32	peak	V
6	668.0000	-77.65	9.17	-68.48	-13.00	-55.48	peak	V
7	3340.000	-70.32	16.02	-54.30	-13.00	-41.30	peak	V
8	4780.000	-74.52	19.63	-54.89	-13.00	-41.89	peak	V
9	7120.000	-75.26	21.63	-53.63	-13.00	-40.63	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1715.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.0000	-69.92	4.29	-65.63	-13.00	-52.63	peak	H
2	200.5000	-67.37	2.48	-64.89	-13.00	-51.89	peak	H
3	288.0000	-61.00	-4.10	-65.10	-13.00	-52.10	peak	H
4	384.0000	-70.18	0.27	-69.91	-13.00	-56.91	peak	H
5	528.0000	-76.64	7.01	-69.63	-13.00	-56.63	peak	H
6	667.5000	-81.06	6.82	-74.24	-13.00	-61.24	peak	H
7	3340.000	-71.52	12.49	-59.03	-13.00	-46.03	peak	H
8	4684.000	-74.09	14.98	-59.11	-13.00	-46.11	peak	H
9	7156.000	-75.21	23.97	-51.24	-13.00	-38.24	peak	H
1	144.0000	-65.74	14.96	-50.78	-13.00	-37.78	peak	V
2	200.5000	-65.04	9.73	-55.31	-13.00	-42.31	peak	V
3	331.5000	-63.77	0.51	-63.26	-13.00	-50.26	peak	V
4	480.0000	-63.74	1.65	-62.09	-13.00	-49.09	peak	V
5	601.5000	-69.43	6.63	-62.80	-13.00	-49.80	peak	V
6	720.0000	-76.66	10.76	-65.90	-13.00	-52.90	peak	V
7	3316.000	-70.28	15.87	-54.41	-13.00	-41.41	peak	V
8	4720.000	-74.37	19.52	-54.85	-13.00	-41.85	peak	V
9	7108.000	-75.33	21.63	-53.70	-13.00	-40.70	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.5000	-69.47	5.88	-63.59	-13.00	-50.59	peak	H
2	200.5000	-67.82	2.48	-65.34	-13.00	-52.34	peak	H
3	288.0000	-60.37	-4.10	-64.47	-13.00	-51.47	peak	H
4	367.5000	-62.14	-0.49	-62.63	-13.00	-49.63	peak	H
5	467.5000	-73.71	4.36	-69.35	-13.00	-56.35	peak	H
6	601.5000	-78.59	6.99	-71.60	-13.00	-58.60	peak	H
7	3292.000	-71.98	12.35	-59.63	-13.00	-46.63	peak	H
8	4756.000	-74.19	15.38	-58.81	-13.00	-45.81	peak	H
9	7120.000	-74.94	23.86	-51.08	-13.00	-38.08	peak	H
1	150.0000	-65.09	14.59	-50.50	-13.00	-37.50	peak	V
2	200.5000	-68.30	9.73	-58.57	-13.00	-45.57	peak	V
3	336.0000	-63.90	0.50	-63.40	-13.00	-50.40	peak	V
4	480.0000	-64.09	1.65	-62.44	-13.00	-49.44	peak	V
5	601.5000	-70.07	6.63	-63.44	-13.00	-50.44	peak	V
6	720.0000	-78.51	10.76	-67.75	-13.00	-54.75	peak	V
7	3196.000	-71.44	15.13	-56.31	-13.00	-43.31	peak	V
8	4780.000	-74.16	19.63	-54.53	-13.00	-41.53	peak	V
9	7108.000	-74.97	21.63	-53.34	-13.00	-40.34	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1750.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.0000	-71.49	6.76	-64.73	-13.00	-51.73	peak	H
2	215.0000	-61.10	-0.43	-61.53	-13.00	-48.53	peak	H
3	367.5000	-61.48	-0.49	-61.97	-13.00	-48.97	peak	H
4	467.5000	-73.47	4.36	-69.11	-13.00	-56.11	peak	H
5	601.5000	-78.71	6.99	-71.72	-13.00	-58.72	peak	H
6	720.0000	-78.97	7.39	-71.58	-13.00	-58.58	peak	H
7	3280.000	-72.40	12.31	-60.09	-13.00	-47.09	peak	H
8	4732.000	-73.38	15.24	-58.14	-13.00	-45.14	peak	H
9	7132.000	-75.04	23.89	-51.15	-13.00	-38.15	peak	H
1	144.0000	-64.03	14.96	-49.07	-13.00	-36.07	peak	V
2	200.5000	-65.25	9.73	-55.52	-13.00	-42.52	peak	V
3	331.5000	-64.93	0.51	-64.42	-13.00	-51.42	peak	V
4	480.0000	-63.24	1.65	-61.59	-13.00	-48.59	peak	V
5	601.5000	-69.27	6.63	-62.64	-13.00	-49.64	peak	V
6	672.0000	-78.16	9.23	-68.93	-13.00	-55.93	peak	V
7	3364.000	-71.32	16.17	-55.15	-13.00	-42.15	peak	V
8	4768.000	-73.81	19.61	-54.20	-13.00	-41.20	peak	V
9	7132.000	-74.22	21.65	-52.57	-13.00	-39.57	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1717.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.78	6.13	-63.65	-13.00	-50.65	peak	H
2	214.5000	-62.55	-0.39	-62.94	-13.00	-49.94	peak	H
3	367.5000	-61.05	-0.49	-61.54	-13.00	-48.54	peak	H
4	467.5000	-73.64	4.36	-69.28	-13.00	-56.28	peak	H
5	576.0000	-74.73	6.64	-68.09	-13.00	-55.09	peak	H
6	720.0000	-79.96	7.39	-72.57	-13.00	-59.57	peak	H
7	3220.000	-72.58	12.11	-60.47	-13.00	-47.47	peak	H
8	4756.000	-74.08	15.38	-58.70	-13.00	-45.70	peak	H
9	7156.000	-75.36	23.97	-51.39	-13.00	-38.39	peak	H
1	132.0000	-68.31	18.46	-49.85	-13.00	-36.85	peak	V
2	200.5000	-64.18	9.73	-54.45	-13.00	-41.45	peak	V
3	336.0000	-64.78	0.50	-64.28	-13.00	-51.28	peak	V
4	480.0000	-62.86	1.65	-61.21	-13.00	-48.21	peak	V
5	601.5000	-68.91	6.63	-62.28	-13.00	-49.28	peak	V
6	720.0000	-77.89	10.76	-67.13	-13.00	-54.13	peak	V
7	3244.000	-70.08	15.43	-54.65	-13.00	-41.65	peak	V
8	4708.000	-75.17	19.49	-55.68	-13.00	-42.68	peak	V
9	7108.000	-74.52	21.63	-52.89	-13.00	-39.89	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.5000	-72.08	6.13	-65.95	-13.00	-52.95	peak	H
2	200.5000	-68.35	2.48	-65.87	-13.00	-52.87	peak	H
3	367.5000	-60.46	-0.49	-60.95	-13.00	-47.95	peak	H
4	467.5000	-73.12	4.36	-68.76	-13.00	-55.76	peak	H
5	576.0000	-76.48	6.64	-69.84	-13.00	-56.84	peak	H
6	720.0000	-77.40	7.39	-70.01	-13.00	-57.01	peak	H
7	3292.000	-71.59	12.35	-59.24	-13.00	-46.24	peak	H
8	4816.000	-74.30	15.70	-58.60	-13.00	-45.60	peak	H
9	7168.000	-76.00	24.01	-51.99	-13.00	-38.99	peak	H
1	157.5000	-66.35	17.72	-48.63	-13.00	-35.63	peak	V
2	200.5000	-64.66	9.73	-54.93	-13.00	-41.93	peak	V
3	336.0000	-64.53	0.50	-64.03	-13.00	-51.03	peak	V
4	480.0000	-63.36	1.65	-61.71	-13.00	-48.71	peak	V
5	601.5000	-67.90	6.63	-61.27	-13.00	-48.27	peak	V
6	673.0000	-78.02	9.25	-68.77	-13.00	-55.77	peak	V
7	3280.000	-71.09	15.65	-55.44	-13.00	-42.44	peak	V
8	4756.000	-73.96	19.59	-54.37	-13.00	-41.37	peak	V
9	7132.000	-75.63	21.65	-53.98	-13.00	-40.98	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1747.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.01	6.51	-62.50	-13.00	-49.50	peak	H
2	288.0000	-61.33	-4.10	-65.43	-13.00	-52.43	peak	H
3	367.5000	-60.78	-0.49	-61.27	-13.00	-48.27	peak	H
4	480.0000	-73.62	4.99	-68.63	-13.00	-55.63	peak	H
5	528.0000	-77.61	7.01	-70.60	-13.00	-57.60	peak	H
6	624.0000	-78.32	6.90	-71.42	-13.00	-58.42	peak	H
7	3232.000	-71.19	12.16	-59.03	-13.00	-46.03	peak	H
8	4756.000	-72.88	15.38	-57.50	-13.00	-44.50	peak	H
9	7156.000	-74.34	23.97	-50.37	-13.00	-37.37	peak	H
1	157.5000	-66.57	17.72	-48.85	-13.00	-35.85	peak	V
2	200.5000	-65.17	9.73	-55.44	-13.00	-42.44	peak	V
3	330.5000	-63.43	0.51	-62.92	-13.00	-49.92	peak	V
4	480.0000	-63.13	1.65	-61.48	-13.00	-48.48	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	701.5000	-78.54	10.16	-68.38	-13.00	-55.38	peak	V
7	3268.000	-71.16	15.57	-55.59	-13.00	-42.59	peak	V
8	4756.000	-72.48	19.59	-52.89	-13.00	-39.89	peak	V
9	7132.000	-74.36	21.65	-52.71	-13.00	-39.71	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1720.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.0000	-68.61	4.98	-63.63	-13.00	-50.63	peak	H
2	221.0000	-62.73	-0.96	-63.69	-13.00	-50.69	peak	H
3	288.0000	-59.78	-4.10	-63.88	-13.00	-50.88	peak	H
4	367.5000	-60.96	-0.49	-61.45	-13.00	-48.45	peak	H
5	467.5000	-73.05	4.36	-68.69	-13.00	-55.69	peak	H
6	601.0000	-79.05	6.98	-72.07	-13.00	-59.07	peak	H
7	3220.000	-71.19	12.11	-59.08	-13.00	-46.08	peak	H
8	4708.000	-74.09	15.11	-58.98	-13.00	-45.98	peak	H
9	7108.000	-74.06	23.84	-50.22	-13.00	-37.22	peak	H
1	144.0000	-66.14	14.96	-51.18	-13.00	-38.18	peak	V
2	200.5000	-65.46	9.73	-55.73	-13.00	-42.73	peak	V
3	336.0000	-63.43	0.50	-62.93	-13.00	-49.93	peak	V
4	480.0000	-62.75	1.65	-61.10	-13.00	-48.10	peak	V
5	601.5000	-69.10	6.63	-62.47	-13.00	-49.47	peak	V
6	720.0000	-78.44	10.76	-67.68	-13.00	-54.68	peak	V
7	3316.000	-69.31	15.87	-53.44	-13.00	-40.44	peak	V
8	4732.000	-73.92	19.54	-54.38	-13.00	-41.38	peak	V
9	7108.000	-74.99	21.63	-53.36	-13.00	-40.36	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.10	6.51	-62.59	-13.00	-49.59	peak	H
2	200.5000	-66.19	2.48	-63.71	-13.00	-50.71	peak	H
3	288.0000	-60.10	-4.10	-64.20	-13.00	-51.20	peak	H
4	367.5000	-60.35	-0.49	-60.84	-13.00	-47.84	peak	H
5	467.5000	-72.42	4.36	-68.06	-13.00	-55.06	peak	H
6	576.0000	-75.85	6.64	-69.21	-13.00	-56.21	peak	H
7	3280.000	-70.24	12.31	-57.93	-13.00	-44.93	peak	H
8	4720.000	-75.39	15.18	-60.21	-13.00	-47.21	peak	H
9	7156.000	-75.62	23.97	-51.65	-13.00	-38.65	peak	H
1	156.0000	-66.12	17.09	-49.03	-13.00	-36.03	peak	V
2	200.5000	-66.00	9.73	-56.27	-13.00	-43.27	peak	V
3	336.0000	-64.48	0.50	-63.98	-13.00	-50.98	peak	V
4	480.0000	-63.11	1.65	-61.46	-13.00	-48.46	peak	V
5	601.5000	-68.31	6.63	-61.68	-13.00	-48.68	peak	V
6	701.5000	-78.71	10.16	-68.55	-13.00	-55.55	peak	V
7	3268.000	-71.58	15.57	-56.01	-13.00	-43.01	peak	V
8	4756.000	-74.08	19.59	-54.49	-13.00	-41.49	peak	V
9	7120.000	-75.11	21.63	-53.48	-13.00	-40.48	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 4	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	1745.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.21	6.63	-62.58	-13.00	-49.58	peak	H
2	209.0000	-62.75	0.30	-62.45	-13.00	-49.45	peak	H
3	325.0000	-62.80	-1.40	-64.20	-13.00	-51.20	peak	H
4	367.5000	-60.99	-0.49	-61.48	-13.00	-48.48	peak	H
5	467.5000	-72.64	4.36	-68.28	-13.00	-55.28	peak	H
6	576.0000	-76.10	6.64	-69.46	-13.00	-56.46	peak	H
7	3340.000	-71.62	12.49	-59.13	-13.00	-46.13	peak	H
8	4708.000	-74.46	15.11	-59.35	-13.00	-46.35	peak	H
9	7108.000	-74.75	23.84	-50.91	-13.00	-37.91	peak	H
1	144.0000	-67.66	14.96	-52.70	-13.00	-39.70	peak	V
2	167.0000	-62.35	11.07	-51.28	-13.00	-38.28	peak	V
3	336.0000	-64.96	0.50	-64.46	-13.00	-51.46	peak	V
4	480.0000	-63.40	1.65	-61.75	-13.00	-48.75	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	720.0000	-78.19	10.76	-67.43	-13.00	-54.43	peak	V
7	3316.000	-70.53	15.87	-54.66	-13.00	-41.66	peak	V
8	4708.000	-74.45	19.49	-54.96	-13.00	-41.96	peak	V
9	7072.000	-73.94	21.56	-52.38	-13.00	-39.38	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	824.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-68.97	6.63	-62.34	-13.00	-49.34	peak	H
2	214.0000	-60.90	-0.35	-61.25	-13.00	-48.25	peak	H
3	367.5000	-60.77	-0.49	-61.26	-13.00	-48.26	peak	H
4	467.5000	-72.14	4.36	-67.78	-13.00	-54.78	peak	H
5	576.0000	-75.41	6.64	-68.77	-13.00	-55.77	peak	H
6	668.0000	-80.29	6.82	-73.47	-13.00	-60.47	peak	H
7	3328.000	-70.91	12.45	-58.46	-13.00	-45.46	peak	H
8	4708.000	-73.28	15.11	-58.17	-13.00	-45.17	peak	H
9	7156.000	-75.66	23.97	-51.69	-13.00	-38.69	peak	H
1	157.5000	-67.77	17.72	-50.05	-13.00	-37.05	peak	V
2	210.0000	-60.68	8.36	-52.32	-13.00	-39.32	peak	V
3	336.0000	-65.72	0.50	-65.22	-13.00	-52.22	peak	V
4	480.0000	-63.34	1.65	-61.69	-13.00	-48.69	peak	V
5	601.5000	-67.94	6.63	-61.31	-13.00	-48.31	peak	V
6	716.0000	-78.21	10.63	-67.58	-13.00	-54.58	peak	V
7	3280.000	-71.79	15.65	-56.14	-13.00	-43.14	peak	V
8	4720.000	-74.68	19.52	-55.16	-13.00	-42.16	peak	V
9	7072.000	-74.67	21.56	-53.11	-13.00	-40.11	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.12	6.51	-62.61	-13.00	-49.61	peak	H
2	288.0000	-59.63	-4.10	-63.73	-13.00	-50.73	peak	H
3	367.5000	-61.04	-0.49	-61.53	-13.00	-48.53	peak	H
4	467.5000	-73.24	4.36	-68.88	-13.00	-55.88	peak	H
5	576.0000	-76.06	6.64	-69.42	-13.00	-56.42	peak	H
6	720.0000	-78.34	7.39	-70.95	-13.00	-57.95	peak	H
7	3328.000	-71.50	12.45	-59.05	-13.00	-46.05	peak	H
8	4732.000	-74.73	15.24	-59.49	-13.00	-46.49	peak	H
9	7132.000	-75.55	23.89	-51.66	-13.00	-38.66	peak	H
1	144.0000	-63.53	14.96	-48.57	-13.00	-35.57	peak	V
2	200.5000	-65.21	9.73	-55.48	-13.00	-42.48	peak	V
3	336.0000	-62.96	0.50	-62.46	-13.00	-49.46	peak	V
4	480.0000	-63.26	1.65	-61.61	-13.00	-48.61	peak	V
5	601.5000	-67.91	6.63	-61.28	-13.00	-48.28	peak	V
6	672.0000	-78.16	9.23	-68.93	-13.00	-55.93	peak	V
7	3268.000	-71.79	15.57	-56.22	-13.00	-43.22	peak	V
8	4828.000	-74.52	19.72	-54.80	-13.00	-41.80	peak	V
9	7132.000	-76.08	21.65	-54.43	-13.00	-41.43	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	848.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.15	6.51	-62.64	-13.00	-49.64	peak	H
2	214.0000	-61.92	-0.35	-62.27	-13.00	-49.27	peak	H
3	367.5000	-61.57	-0.49	-62.06	-13.00	-49.06	peak	H
4	467.5000	-72.88	4.36	-68.52	-13.00	-55.52	peak	H
5	576.0000	-76.57	6.64	-69.93	-13.00	-56.93	peak	H
6	672.0000	-79.78	6.81	-72.97	-13.00	-59.97	peak	H
7	3280.000	-72.84	12.31	-60.53	-13.00	-47.53	peak	H
8	4732.000	-74.38	15.24	-59.14	-13.00	-46.14	peak	H
9	7132.000	-73.32	23.89	-49.43	-13.00	-36.43	peak	H
1	167.0000	-62.29	11.07	-51.22	-13.00	-38.22	peak	V
2	200.5000	-63.84	9.73	-54.11	-13.00	-41.11	peak	V
3	336.0000	-65.15	0.50	-64.65	-13.00	-51.65	peak	V
4	480.0000	-63.47	1.65	-61.82	-13.00	-48.82	peak	V
5	601.5000	-68.41	6.63	-61.78	-13.00	-48.78	peak	V
6	687.0000	-77.24	9.62	-67.62	-13.00	-54.62	peak	V
7	3280.000	-71.05	15.65	-55.40	-13.00	-42.40	peak	V
8	4768.000	-74.46	19.61	-54.85	-13.00	-41.85	peak	V
9	7108.000	-75.44	21.63	-53.81	-13.00	-40.81	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	825.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.5000	-71.47	4.45	-67.02	-13.00	-54.02	peak	H
2	220.0000	-65.05	-0.94	-65.99	-13.00	-52.99	peak	H
3	288.0000	-60.17	-4.10	-64.27	-13.00	-51.27	peak	H
4	367.5000	-61.67	-0.49	-62.16	-13.00	-49.16	peak	H
5	467.5000	-74.12	4.36	-69.76	-13.00	-56.76	peak	H
6	576.0000	-75.69	6.64	-69.05	-13.00	-56.05	peak	H
7	3292.000	-70.68	12.35	-58.33	-13.00	-45.33	peak	H
8	4732.000	-72.56	15.24	-57.32	-13.00	-44.32	peak	H
9	7108.000	-72.88	23.84	-49.04	-13.00	-36.04	peak	H
1	144.0000	-67.27	14.96	-52.31	-13.00	-39.31	peak	V
2	200.5000	-67.12	9.73	-57.39	-13.00	-44.39	peak	V
3	336.0000	-63.73	0.50	-63.23	-13.00	-50.23	peak	V
4	480.0000	-64.55	1.65	-62.90	-13.00	-49.90	peak	V
5	601.5000	-69.05	6.63	-62.42	-13.00	-49.42	peak	V
6	720.0000	-79.09	10.76	-68.33	-13.00	-55.33	peak	V
7	3244.000	-70.35	15.43	-54.92	-13.00	-41.92	peak	V
8	4804.000	-73.60	19.67	-53.93	-13.00	-40.93	peak	V
9	7156.000	-75.35	21.69	-53.66	-13.00	-40.66	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.59	6.38	-62.21	-13.00	-49.21	peak	H
2	288.0000	-60.32	-4.10	-64.42	-13.00	-51.42	peak	H
3	367.5000	-61.13	-0.49	-61.62	-13.00	-48.62	peak	H
4	467.5000	-72.51	4.36	-68.15	-13.00	-55.15	peak	H
5	576.0000	-76.26	6.64	-69.62	-13.00	-56.62	peak	H
6	720.0000	-79.29	7.39	-71.90	-13.00	-58.90	peak	H
7	3316.000	-72.44	12.41	-60.03	-13.00	-47.03	peak	H
8	4720.000	-74.25	15.18	-59.07	-13.00	-46.07	peak	H
9	7108.000	-75.05	23.84	-51.21	-13.00	-38.21	peak	H
1	144.0000	-66.87	14.96	-51.91	-13.00	-38.91	peak	V
2	200.5000	-64.34	9.73	-54.61	-13.00	-41.61	peak	V
3	340.5000	-65.85	0.53	-65.32	-13.00	-52.32	peak	V
4	480.0000	-63.21	1.65	-61.56	-13.00	-48.56	peak	V
5	601.5000	-69.72	6.63	-63.09	-13.00	-50.09	peak	V
6	720.0000	-76.67	10.76	-65.91	-13.00	-52.91	peak	V
7	3292.000	-71.92	15.73	-56.19	-13.00	-43.19	peak	V
8	4672.000	-74.78	19.43	-55.35	-13.00	-42.35	peak	V
9	7132.000	-74.20	21.65	-52.55	-13.00	-39.55	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	847.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-68.64	5.10	-63.54	-13.00	-50.54	peak	H
2	204.0000	-65.68	1.58	-64.10	-13.00	-51.10	peak	H
3	367.5000	-61.54	-0.49	-62.03	-13.00	-49.03	peak	H
4	467.5000	-72.85	4.36	-68.49	-13.00	-55.49	peak	H
5	576.0000	-75.82	6.64	-69.18	-13.00	-56.18	peak	H
6	720.0000	-76.41	7.39	-69.02	-13.00	-56.02	peak	H
7	3328.000	-73.14	12.45	-60.69	-13.00	-47.69	peak	H
8	4756.000	-74.29	15.38	-58.91	-13.00	-45.91	peak	H
9	7132.000	-74.58	23.89	-50.69	-13.00	-37.69	peak	H
1	132.0000	-71.46	18.46	-53.00	-13.00	-40.00	peak	V
2	200.5000	-65.22	9.73	-55.49	-13.00	-42.49	peak	V
3	336.0000	-64.61	0.50	-64.11	-13.00	-51.11	peak	V
4	480.0000	-63.84	1.65	-62.19	-13.00	-49.19	peak	V
5	601.5000	-69.67	6.63	-63.04	-13.00	-50.04	peak	V
6	716.0000	-78.17	10.63	-67.54	-13.00	-54.54	peak	V
7	3280.000	-71.71	15.65	-56.06	-13.00	-43.06	peak	V
8	4768.000	-73.43	19.61	-53.82	-13.00	-40.82	peak	V
9	7156.000	-74.88	21.69	-53.19	-13.00	-40.19	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	826.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.0000	-71.54	4.29	-67.25	-13.00	-54.25	peak	H
2	214.0000	-61.93	-0.35	-62.28	-13.00	-49.28	peak	H
3	288.0000	-59.69	-4.10	-63.79	-13.00	-50.79	peak	H
4	367.5000	-60.75	-0.49	-61.24	-13.00	-48.24	peak	H
5	576.0000	-75.08	6.64	-68.44	-13.00	-55.44	peak	H
6	672.0000	-79.29	6.81	-72.48	-13.00	-59.48	peak	H
7	3316.000	-72.60	12.41	-60.19	-13.00	-47.19	peak	H
8	4660.000	-73.12	14.86	-58.26	-13.00	-45.26	peak	H
9	7120.000	-74.38	23.86	-50.52	-13.00	-37.52	peak	H
1	167.0000	-62.12	11.07	-51.05	-13.00	-38.05	peak	V
2	200.5000	-68.54	9.73	-58.81	-13.00	-45.81	peak	V
3	336.0000	-65.07	0.50	-64.57	-13.00	-51.57	peak	V
4	480.0000	-62.90	1.65	-61.25	-13.00	-48.25	peak	V
5	601.5000	-69.95	6.63	-63.32	-13.00	-50.32	peak	V
6	672.0000	-77.46	9.23	-68.23	-13.00	-55.23	peak	V
7	3268.000	-70.58	15.57	-55.01	-13.00	-42.01	peak	V
8	4720.000	-73.65	19.52	-54.13	-13.00	-41.13	peak	V
9	7168.000	-75.24	21.72	-53.52	-13.00	-40.52	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-71.71	5.23	-66.48	-13.00	-53.48	peak	H
2	200.5000	-65.31	2.48	-62.83	-13.00	-49.83	peak	H
3	367.5000	-60.80	-0.49	-61.29	-13.00	-48.29	peak	H
4	467.5000	-72.80	4.36	-68.44	-13.00	-55.44	peak	H
5	576.0000	-77.19	6.64	-70.55	-13.00	-57.55	peak	H
6	720.0000	-79.43	7.39	-72.04	-13.00	-59.04	peak	H
7	3280.000	-70.21	12.31	-57.90	-13.00	-44.90	peak	H
8	4768.000	-72.21	15.44	-56.77	-13.00	-43.77	peak	H
9	7120.000	-75.47	23.86	-51.61	-13.00	-38.61	peak	H
1	144.0000	-64.36	14.96	-49.40	-13.00	-36.40	peak	V
2	200.5000	-67.72	9.73	-57.99	-13.00	-44.99	peak	V
3	334.0000	-63.91	0.50	-63.41	-13.00	-50.41	peak	V
4	480.0000	-62.95	1.65	-61.30	-13.00	-48.30	peak	V
5	601.5000	-69.71	6.63	-63.08	-13.00	-50.08	peak	V
6	720.0000	-77.69	10.76	-66.93	-13.00	-53.93	peak	V
7	3244.000	-72.06	15.43	-56.63	-13.00	-43.63	peak	V
8	4732.000	-74.49	19.54	-54.95	-13.00	-41.95	peak	V
9	7168.000	-74.80	21.72	-53.08	-13.00	-40.08	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	846.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-72.50	6.51	-65.99	-13.00	-52.99	peak	H
2	288.0000	-60.10	-4.10	-64.20	-13.00	-51.20	peak	H
3	367.5000	-61.53	-0.49	-62.02	-13.00	-49.02	peak	H
4	467.5000	-73.43	4.36	-69.07	-13.00	-56.07	peak	H
5	576.0000	-75.19	6.64	-68.55	-13.00	-55.55	peak	H
6	720.0000	-78.17	7.39	-70.78	-13.00	-57.78	peak	H
7	3280.000	-70.94	12.31	-58.63	-13.00	-45.63	peak	H
8	4732.000	-73.60	15.24	-58.36	-13.00	-45.36	peak	H
9	7132.000	-74.52	23.89	-50.63	-13.00	-37.63	peak	H
1	133.5000	-73.19	17.84	-55.35	-13.00	-42.35	peak	V
2	200.5000	-66.20	9.73	-56.47	-13.00	-43.47	peak	V
3	330.5000	-64.45	0.51	-63.94	-13.00	-50.94	peak	V
4	480.0000	-62.65	1.65	-61.00	-13.00	-48.00	peak	V
5	601.5000	-69.01	6.63	-62.38	-13.00	-49.38	peak	V
6	672.0000	-77.83	9.23	-68.60	-13.00	-55.60	peak	V
7	3316.000	-71.26	15.87	-55.39	-13.00	-42.39	peak	V
8	4720.000	-73.90	19.52	-54.38	-13.00	-41.38	peak	V
9	7156.000	-75.59	21.69	-53.90	-13.00	-40.90	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	829.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	159.5000	-72.52	7.41	-65.11	-13.00	-52.11	peak	H
2	288.0000	-60.76	-4.10	-64.86	-13.00	-51.86	peak	H
3	367.5000	-61.95	-0.49	-62.44	-13.00	-49.44	peak	H
4	467.5000	-73.74	4.36	-69.38	-13.00	-56.38	peak	H
5	576.0000	-75.98	6.64	-69.34	-13.00	-56.34	peak	H
6	672.0000	-79.80	6.81	-72.99	-13.00	-59.99	peak	H
7	3292.000	-72.61	12.35	-60.26	-13.00	-47.26	peak	H
8	4684.000	-72.61	14.98	-57.63	-13.00	-44.63	peak	H
9	7132.000	-74.79	23.89	-50.90	-13.00	-37.90	peak	H
1	156.0000	-67.02	17.09	-49.93	-13.00	-36.93	peak	V
2	200.5000	-65.94	9.73	-56.21	-13.00	-43.21	peak	V
3	331.0000	-63.56	0.50	-63.06	-13.00	-50.06	peak	V
4	480.0000	-63.60	1.65	-61.95	-13.00	-48.95	peak	V
5	601.5000	-68.71	6.63	-62.08	-13.00	-49.08	peak	V
6	720.0000	-79.16	10.76	-68.40	-13.00	-55.40	peak	V
7	3220.000	-73.37	15.28	-58.09	-13.00	-45.09	peak	V
8	4804.000	-72.67	19.67	-53.00	-13.00	-40.00	peak	V
9	7108.000	-75.35	21.63	-53.72	-13.00	-40.72	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.0000	-68.67	4.98	-63.69	-13.00	-50.69	peak	H
2	288.0000	-60.38	-4.10	-64.48	-13.00	-51.48	peak	H
3	367.5000	-60.95	-0.49	-61.44	-13.00	-48.44	peak	H
4	480.0000	-74.63	4.99	-69.64	-13.00	-56.64	peak	H
5	576.0000	-75.83	6.64	-69.19	-13.00	-56.19	peak	H
6	720.0000	-77.95	7.39	-70.56	-13.00	-57.56	peak	H
7	3280.000	-70.69	12.31	-58.38	-13.00	-45.38	peak	H
8	4720.000	-73.95	15.18	-58.77	-13.00	-45.77	peak	H
9	7120.000	-75.66	23.86	-51.80	-13.00	-38.80	peak	H
1	144.0000	-65.09	14.96	-50.13	-13.00	-37.13	peak	V
2	200.5000	-66.53	9.73	-56.80	-13.00	-43.80	peak	V
3	330.5000	-64.95	0.51	-64.44	-13.00	-51.44	peak	V
4	480.0000	-63.64	1.65	-61.99	-13.00	-48.99	peak	V
5	601.5000	-68.08	6.63	-61.45	-13.00	-48.45	peak	V
6	661.5000	-77.40	9.07	-68.33	-13.00	-55.33	peak	V
7	3292.000	-72.59	15.73	-56.86	-13.00	-43.86	peak	V
8	4732.000	-73.66	19.54	-54.12	-13.00	-41.12	peak	V
9	7120.000	-72.65	21.63	-51.02	-13.00	-38.02	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	844.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-71.95	5.10	-66.85	-13.00	-53.85	peak	H
2	200.5000	-67.24	2.48	-64.76	-13.00	-51.76	peak	H
3	288.0000	-60.38	-4.10	-64.48	-13.00	-51.48	peak	H
4	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
5	467.5000	-73.26	4.36	-68.90	-13.00	-55.90	peak	H
6	576.0000	-75.06	6.64	-68.42	-13.00	-55.42	peak	H
7	3292.000	-72.26	12.35	-59.91	-13.00	-46.91	peak	H
8	4732.000	-72.78	15.24	-57.54	-13.00	-44.54	peak	H
9	7120.000	-75.39	23.86	-51.53	-13.00	-38.53	peak	H
1	144.0000	-66.87	14.96	-51.91	-13.00	-38.91	peak	V
2	200.5000	-68.96	9.73	-59.23	-13.00	-46.23	peak	V
3	332.5000	-63.60	0.51	-63.09	-13.00	-50.09	peak	V
4	480.0000	-63.66	1.65	-62.01	-13.00	-49.01	peak	V
5	601.5000	-68.65	6.63	-62.02	-13.00	-49.02	peak	V
6	720.0000	-75.73	10.76	-64.97	-13.00	-51.97	peak	V
7	3280.000	-72.46	15.65	-56.81	-13.00	-43.81	peak	V
8	4732.000	-74.23	19.54	-54.69	-13.00	-41.69	peak	V
9	7132.000	-75.53	21.65	-53.88	-13.00	-40.88	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	824.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.10	6.51	-62.59	-13.00	-49.59	peak	H
2	206.5000	-67.87	0.95	-66.92	-13.00	-53.92	peak	H
3	288.0000	-60.12	-4.10	-64.22	-13.00	-51.22	peak	H
4	367.5000	-61.17	-0.49	-61.66	-13.00	-48.66	peak	H
5	467.5000	-72.78	4.36	-68.42	-13.00	-55.42	peak	H
6	624.0000	-77.02	6.90	-70.12	-13.00	-57.12	peak	H
7	3292.000	-71.80	12.35	-59.45	-13.00	-46.45	peak	H
8	4732.000	-75.47	15.24	-60.23	-13.00	-47.23	peak	H
9	7156.000	-75.12	23.97	-51.15	-13.00	-38.15	peak	H
1	130.5000	-76.21	19.05	-57.16	-13.00	-44.16	peak	V
2	200.5000	-65.06	9.73	-55.33	-13.00	-42.33	peak	V
3	336.0000	-63.83	0.50	-63.33	-13.00	-50.33	peak	V
4	480.0000	-63.72	1.65	-62.07	-13.00	-49.07	peak	V
5	528.0000	-69.19	2.69	-66.50	-13.00	-53.50	peak	V
6	630.0000	-75.71	8.20	-67.51	-13.00	-54.51	peak	V
7	3292.000	-72.25	15.73	-56.52	-13.00	-43.52	peak	V
8	4756.000	-73.75	19.59	-54.16	-13.00	-41.16	peak	V
9	7072.000	-75.10	21.56	-53.54	-13.00	-40.54	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/03/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.34	6.38	-61.96	-13.00	-48.96	peak	H
2	209.0000	-61.80	0.30	-61.50	-13.00	-48.50	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	467.5000	-72.38	4.36	-68.02	-13.00	-55.02	peak	H
5	576.0000	-75.10	6.64	-68.46	-13.00	-55.46	peak	H
6	672.0000	-79.34	6.81	-72.53	-13.00	-59.53	peak	H
7	3292.000	-71.73	12.35	-59.38	-13.00	-46.38	peak	H
8	4660.000	-74.35	14.86	-59.49	-13.00	-46.49	peak	H
9	7204.000	-74.29	24.10	-50.19	-13.00	-37.19	peak	H
1	156.0000	-68.16	17.09	-51.07	-13.00	-38.07	peak	V
2	200.5000	-65.64	9.73	-55.91	-13.00	-42.91	peak	V
3	336.0000	-62.44	0.50	-61.94	-13.00	-48.94	peak	V
4	480.0000	-63.28	1.65	-61.63	-13.00	-48.63	peak	V
5	601.5000	-68.93	6.63	-62.30	-13.00	-49.30	peak	V
6	672.0000	-77.14	9.23	-67.91	-13.00	-54.91	peak	V
7	3196.000	-71.34	15.13	-56.21	-13.00	-43.21	peak	V
8	4732.000	-75.31	19.54	-55.77	-13.00	-42.77	peak	V
9	7132.000	-74.71	21.65	-53.06	-13.00	-40.06	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	848.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-71.04	6.63	-64.41	-13.00	-51.41	peak	H
2	288.0000	-60.40	-4.10	-64.50	-13.00	-51.50	peak	H
3	367.5000	-60.57	-0.49	-61.06	-13.00	-48.06	peak	H
4	467.5000	-73.14	4.36	-68.78	-13.00	-55.78	peak	H
5	576.0000	-76.30	6.64	-69.66	-13.00	-56.66	peak	H
6	720.0000	-78.25	7.39	-70.86	-13.00	-57.86	peak	H
7	3316.000	-71.25	12.41	-58.84	-13.00	-45.84	peak	H
8	4684.000	-73.22	14.98	-58.24	-13.00	-45.24	peak	H
9	7120.000	-75.15	23.86	-51.29	-13.00	-38.29	peak	H
1	130.0000	-72.35	19.26	-53.09	-13.00	-40.09	peak	V
2	167.0000	-61.63	11.07	-50.56	-13.00	-37.56	peak	V
3	336.0000	-64.93	0.50	-64.43	-13.00	-51.43	peak	V
4	480.0000	-63.05	1.65	-61.40	-13.00	-48.40	peak	V
5	601.5000	-69.66	6.63	-63.03	-13.00	-50.03	peak	V
6	687.0000	-78.45	9.62	-68.83	-13.00	-55.83	peak	V
7	3328.000	-72.10	15.95	-56.15	-13.00	-43.15	peak	V
8	4720.000	-74.27	19.52	-54.75	-13.00	-41.75	peak	V
9	7156.000	-74.42	21.69	-52.73	-13.00	-39.73	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	825.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.13	6.51	-61.62	-13.00	-48.62	peak	H
2	213.0000	-63.34	-0.25	-63.59	-13.00	-50.59	peak	H
3	367.5000	-60.34	-0.49	-60.83	-13.00	-47.83	peak	H
4	467.5000	-73.33	4.36	-68.97	-13.00	-55.97	peak	H
5	576.0000	-76.22	6.64	-69.58	-13.00	-56.58	peak	H
6	701.5000	-79.56	6.91	-72.65	-13.00	-59.65	peak	H
7	3328.000	-71.54	12.45	-59.09	-13.00	-46.09	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7084.000	-75.64	23.76	-51.88	-13.00	-38.88	peak	H
1	167.0000	-62.35	11.07	-51.28	-13.00	-38.28	peak	V
2	200.5000	-65.17	9.73	-55.44	-13.00	-42.44	peak	V
3	336.0000	-64.42	0.50	-63.92	-13.00	-50.92	peak	V
4	480.0000	-63.78	1.65	-62.13	-13.00	-49.13	peak	V
5	601.5000	-69.31	6.63	-62.68	-13.00	-49.68	peak	V
6	720.0000	-78.25	10.76	-67.49	-13.00	-54.49	peak	V
7	3268.000	-71.75	15.57	-56.18	-13.00	-43.18	peak	V
8	4672.000	-73.90	19.43	-54.47	-13.00	-41.47	peak	V
9	7120.000	-73.82	21.63	-52.19	-13.00	-39.19	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-73.24	6.51	-66.73	-13.00	-53.73	peak	H
2	200.5000	-68.51	2.48	-66.03	-13.00	-53.03	peak	H
3	367.5000	-61.29	-0.49	-61.78	-13.00	-48.78	peak	H
4	467.5000	-73.69	4.36	-69.33	-13.00	-56.33	peak	H
5	576.0000	-76.50	6.64	-69.86	-13.00	-56.86	peak	H
6	720.0000	-78.14	7.39	-70.75	-13.00	-57.75	peak	H
7	3292.000	-71.21	12.35	-58.86	-13.00	-45.86	peak	H
8	4684.000	-75.18	14.98	-60.20	-13.00	-47.20	peak	H
9	7156.000	-74.57	23.97	-50.60	-13.00	-37.60	peak	H
1	144.0000	-63.52	14.96	-48.56	-13.00	-35.56	peak	V
2	167.0000	-62.65	11.07	-51.58	-13.00	-38.58	peak	V
3	202.5000	-68.19	9.45	-58.74	-13.00	-45.74	peak	V
4	329.0000	-63.68	0.51	-63.17	-13.00	-50.17	peak	V
5	480.0000	-63.83	1.65	-62.18	-13.00	-49.18	peak	V
6	601.5000	-69.35	6.63	-62.72	-13.00	-49.72	peak	V
7	3244.000	-71.08	15.43	-55.65	-13.00	-42.65	peak	V
8	4732.000	-73.29	19.54	-53.75	-13.00	-40.75	peak	V
9	7156.000	-73.46	21.69	-51.77	-13.00	-38.77	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	847.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.57	0.99	-67.58	-13.00	-54.58	peak	H
2	215.0000	-60.88	-0.43	-61.31	-13.00	-48.31	peak	H
3	367.5000	-61.87	-0.49	-62.36	-13.00	-49.36	peak	H
4	528.0000	-77.92	7.01	-70.91	-13.00	-57.91	peak	H
5	601.5000	-78.97	6.99	-71.98	-13.00	-58.98	peak	H
6	720.0000	-77.57	7.39	-70.18	-13.00	-57.18	peak	H
7	3316.000	-72.42	12.41	-60.01	-13.00	-47.01	peak	H
8	4684.000	-72.61	14.98	-57.63	-13.00	-44.63	peak	H
9	7120.000	-75.59	23.86	-51.73	-13.00	-38.73	peak	H
1	167.0000	-62.08	11.07	-51.01	-13.00	-38.01	peak	V
2	200.5000	-63.77	9.73	-54.04	-13.00	-41.04	peak	V
3	336.0000	-64.88	0.50	-64.38	-13.00	-51.38	peak	V
4	480.0000	-63.20	1.65	-61.55	-13.00	-48.55	peak	V
5	601.5000	-68.38	6.63	-61.75	-13.00	-48.75	peak	V
6	720.0000	-77.51	10.76	-66.75	-13.00	-53.75	peak	V
7	3292.000	-72.14	15.73	-56.41	-13.00	-43.41	peak	V
8	4708.000	-72.91	19.49	-53.42	-13.00	-40.42	peak	V
9	7168.000	-74.71	21.72	-52.99	-13.00	-39.99	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	826.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-70.06	4.81	-65.25	-13.00	-52.25	peak	H
2	214.0000	-64.21	-0.35	-64.56	-13.00	-51.56	peak	H
3	367.5000	-61.01	-0.49	-61.50	-13.00	-48.50	peak	H
4	467.5000	-73.50	4.36	-69.14	-13.00	-56.14	peak	H
5	576.0000	-76.08	6.64	-69.44	-13.00	-56.44	peak	H
6	720.0000	-78.61	7.39	-71.22	-13.00	-58.22	peak	H
7	3328.000	-71.43	12.45	-58.98	-13.00	-45.98	peak	H
8	4720.000	-75.17	15.18	-59.99	-13.00	-46.99	peak	H
9	7156.000	-74.81	23.97	-50.84	-13.00	-37.84	peak	H
1	132.0000	-71.16	18.46	-52.70	-13.00	-39.70	peak	V
2	200.5000	-63.94	9.73	-54.21	-13.00	-41.21	peak	V
3	336.0000	-64.60	0.50	-64.10	-13.00	-51.10	peak	V
4	480.0000	-62.85	1.65	-61.20	-13.00	-48.20	peak	V
5	601.5000	-69.08	6.63	-62.45	-13.00	-49.45	peak	V
6	701.5000	-78.01	10.16	-67.85	-13.00	-54.85	peak	V
7	3244.000	-71.32	15.43	-55.89	-13.00	-42.89	peak	V
8	4672.000	-74.37	19.43	-54.94	-13.00	-41.94	peak	V
9	7156.000	-73.14	21.69	-51.45	-13.00	-38.45	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.07	0.99	-67.08	-13.00	-54.08	peak	H
2	200.5000	-67.49	2.48	-65.01	-13.00	-52.01	peak	H
3	288.0000	-59.30	-4.10	-63.40	-13.00	-50.40	peak	H
4	367.5000	-61.02	-0.49	-61.51	-13.00	-48.51	peak	H
5	467.5000	-73.63	4.36	-69.27	-13.00	-56.27	peak	H
6	624.0000	-79.78	6.90	-72.88	-13.00	-59.88	peak	H
7	3280.000	-71.55	12.31	-59.24	-13.00	-46.24	peak	H
8	4708.000	-74.48	15.11	-59.37	-13.00	-46.37	peak	H
9	7108.000	-75.57	23.84	-51.73	-13.00	-38.73	peak	H
1	167.0000	-62.34	11.07	-51.27	-13.00	-38.27	peak	V
2	200.5000	-65.07	9.73	-55.34	-13.00	-42.34	peak	V
3	334.5000	-66.45	0.51	-65.94	-13.00	-52.94	peak	V
4	480.0000	-63.09	1.65	-61.44	-13.00	-48.44	peak	V
5	601.5000	-67.99	6.63	-61.36	-13.00	-48.36	peak	V
6	720.0000	-77.06	10.76	-66.30	-13.00	-53.30	peak	V
7	3244.000	-71.24	15.43	-55.81	-13.00	-42.81	peak	V
8	4780.000	-73.58	19.63	-53.95	-13.00	-40.95	peak	V
9	7156.000	-74.96	21.69	-53.27	-13.00	-40.27	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	846.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-70.04	6.13	-63.91	-13.00	-50.91	peak	H
2	200.5000	-66.64	2.48	-64.16	-13.00	-51.16	peak	H
3	288.0000	-61.01	-4.10	-65.11	-13.00	-52.11	peak	H
4	367.5000	-61.27	-0.49	-61.76	-13.00	-48.76	peak	H
5	467.5000	-73.92	4.36	-69.56	-13.00	-56.56	peak	H
6	672.0000	-79.41	6.81	-72.60	-13.00	-59.60	peak	H
7	3292.000	-71.53	12.35	-59.18	-13.00	-46.18	peak	H
8	4732.000	-74.18	15.24	-58.94	-13.00	-45.94	peak	H
9	7132.000	-74.20	23.89	-50.31	-13.00	-37.31	peak	H
1	144.0000	-64.03	14.96	-49.07	-13.00	-36.07	peak	V
2	200.5000	-65.89	9.73	-56.16	-13.00	-43.16	peak	V
3	334.0000	-63.42	0.50	-62.92	-13.00	-49.92	peak	V
4	480.0000	-62.94	1.65	-61.29	-13.00	-48.29	peak	V
5	601.5000	-69.63	6.63	-63.00	-13.00	-50.00	peak	V
6	720.0000	-78.27	10.76	-67.51	-13.00	-54.51	peak	V
7	3316.000	-71.38	15.87	-55.51	-13.00	-42.51	peak	V
8	4672.000	-75.74	19.43	-56.31	-13.00	-43.31	peak	V
9	7132.000	-74.70	21.65	-53.05	-13.00	-40.05	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	829.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-69.98	4.81	-65.17	-13.00	-52.17	peak	H
2	288.0000	-60.25	-4.10	-64.35	-13.00	-51.35	peak	H
3	367.5000	-61.15	-0.49	-61.64	-13.00	-48.64	peak	H
4	467.5000	-73.00	4.36	-68.64	-13.00	-55.64	peak	H
5	576.0000	-76.11	6.64	-69.47	-13.00	-56.47	peak	H
6	720.0000	-78.33	7.39	-70.94	-13.00	-57.94	peak	H
7	3316.000	-71.05	12.41	-58.64	-13.00	-45.64	peak	H
8	4732.000	-74.58	15.24	-59.34	-13.00	-46.34	peak	H
9	7132.000	-74.44	23.89	-50.55	-13.00	-37.55	peak	H
1	150.5000	-67.01	14.79	-52.22	-13.00	-39.22	peak	V
2	200.5000	-66.17	9.73	-56.44	-13.00	-43.44	peak	V
3	337.5000	-65.02	0.51	-64.51	-13.00	-51.51	peak	V
4	480.0000	-62.94	1.65	-61.29	-13.00	-48.29	peak	V
5	601.5000	-68.10	6.63	-61.47	-13.00	-48.47	peak	V
6	673.0000	-77.89	9.25	-68.64	-13.00	-55.64	peak	V
7	3268.000	-72.96	15.57	-57.39	-13.00	-44.39	peak	V
8	4720.000	-74.97	19.52	-55.45	-13.00	-42.45	peak	V
9	7156.000	-75.82	21.69	-54.13	-13.00	-41.13	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	144.0000	-68.87	2.89	-65.98	-13.00	-52.98	peak	H
2	212.5000	-63.68	-0.21	-63.89	-13.00	-50.89	peak	H
3	367.5000	-61.35	-0.49	-61.84	-13.00	-48.84	peak	H
4	467.5000	-72.76	4.36	-68.40	-13.00	-55.40	peak	H
5	576.0000	-76.67	6.64	-70.03	-13.00	-57.03	peak	H
6	720.0000	-78.23	7.39	-70.84	-13.00	-57.84	peak	H
7	3280.000	-71.74	12.31	-59.43	-13.00	-46.43	peak	H
8	4768.000	-74.13	15.44	-58.69	-13.00	-45.69	peak	H
9	7156.000	-73.79	23.97	-49.82	-13.00	-36.82	peak	H
1	144.0000	-67.20	14.96	-52.24	-13.00	-39.24	peak	V
2	200.5000	-65.25	9.73	-55.52	-13.00	-42.52	peak	V
3	330.5000	-63.42	0.51	-62.91	-13.00	-49.91	peak	V
4	480.0000	-62.86	1.65	-61.21	-13.00	-48.21	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	720.0000	-77.90	10.76	-67.14	-13.00	-54.14	peak	V
7	3280.000	-71.27	15.65	-55.62	-13.00	-42.62	peak	V
8	4768.000	-74.10	19.61	-54.49	-13.00	-41.49	peak	V
9	7156.000	-73.75	21.69	-52.06	-13.00	-39.06	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 5	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	844.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-69.59	5.10	-64.49	-13.00	-51.49	peak	H
2	215.0000	-61.40	-0.43	-61.83	-13.00	-48.83	peak	H
3	326.5000	-62.25	-1.38	-63.63	-13.00	-50.63	peak	H
4	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
5	467.5000	-71.28	4.36	-66.92	-13.00	-53.92	peak	H
6	672.0000	-79.28	6.81	-72.47	-13.00	-59.47	peak	H
7	3268.000	-69.94	12.26	-57.68	-13.00	-44.68	peak	H
8	4720.000	-75.17	15.18	-59.99	-13.00	-46.99	peak	H
9	7156.000	-74.36	23.97	-50.39	-13.00	-37.39	peak	H
1	144.0000	-65.58	14.96	-50.62	-13.00	-37.62	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	336.0000	-65.45	0.50	-64.95	-13.00	-51.95	peak	V
4	480.0000	-62.38	1.65	-60.73	-13.00	-47.73	peak	V
5	601.5000	-67.55	6.63	-60.92	-13.00	-47.92	peak	V
6	720.0000	-77.15	10.76	-66.39	-13.00	-53.39	peak	V
7	3268.000	-71.24	15.57	-55.67	-13.00	-42.67	peak	V
8	4708.000	-74.38	19.49	-54.89	-13.00	-41.89	peak	V
9	7156.000	-74.74	21.69	-53.05	-13.00	-40.05	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2502.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.61	6.51	-62.10	-25.00	-37.10	peak	H
2	288.0000	-59.89	-4.10	-63.99	-25.00	-38.99	peak	H
3	367.5000	-61.65	-0.49	-62.14	-25.00	-37.14	peak	H
4	467.5000	-73.17	4.36	-68.81	-25.00	-43.81	peak	H
5	576.0000	-75.74	6.64	-69.10	-25.00	-44.10	peak	H
6	720.0000	-79.14	7.39	-71.75	-25.00	-46.75	peak	H
7	3268.000	-71.14	12.26	-58.88	-25.00	-33.88	peak	H
8	4768.000	-73.85	15.44	-58.41	-25.00	-33.41	peak	H
9	7132.000	-72.75	23.89	-48.86	-25.00	-23.86	peak	H
1	144.0000	-64.21	14.96	-49.25	-25.00	-24.25	peak	V
2	200.5000	-65.81	9.73	-56.08	-25.00	-31.08	peak	V
3	336.0000	-63.23	0.50	-62.73	-25.00	-37.73	peak	V
4	480.0000	-62.99	1.65	-61.34	-25.00	-36.34	peak	V
5	601.5000	-68.89	6.63	-62.26	-25.00	-37.26	peak	V
6	672.0000	-77.17	9.23	-67.94	-25.00	-42.94	peak	V
7	3244.000	-70.55	15.43	-55.12	-25.00	-30.12	peak	V
8	4780.000	-74.02	19.63	-54.39	-25.00	-29.39	peak	V
9	7120.000	-74.52	21.63	-52.89	-25.00	-27.89	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-68.38	5.23	-63.15	-25.00	-38.15	peak	H
2	203.0000	-67.73	1.85	-65.88	-25.00	-40.88	peak	H
3	300.5000	-63.49	-2.88	-66.37	-25.00	-41.37	peak	H
4	367.5000	-60.55	-0.49	-61.04	-25.00	-36.04	peak	H
5	467.5000	-73.52	4.36	-69.16	-25.00	-44.16	peak	H
6	576.0000	-75.73	6.64	-69.09	-25.00	-44.09	peak	H
7	3316.000	-71.10	12.41	-58.69	-25.00	-33.69	peak	H
8	4684.000	-72.43	14.98	-57.45	-25.00	-32.45	peak	H
9	7180.000	-73.99	24.04	-49.95	-25.00	-24.95	peak	H
1	144.0000	-66.32	14.96	-51.36	-25.00	-26.36	peak	V
2	200.5000	-64.02	9.73	-54.29	-25.00	-29.29	peak	V
3	344.0000	-71.19	0.71	-70.48	-25.00	-45.48	peak	V
4	480.0000	-63.11	1.65	-61.46	-25.00	-36.46	peak	V
5	601.5000	-68.69	6.63	-62.06	-25.00	-37.06	peak	V
6	720.0000	-77.45	10.76	-66.69	-25.00	-41.69	peak	V
7	3268.000	-70.28	15.57	-54.71	-25.00	-29.71	peak	V
8	4720.000	-73.90	19.52	-54.38	-25.00	-29.38	peak	V
9	7168.000	-74.14	21.72	-52.42	-25.00	-27.42	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2567.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.18	6.38	-61.80	-25.00	-36.80	peak	H
2	288.0000	-60.29	-4.10	-64.39	-25.00	-39.39	peak	H
3	367.5000	-61.40	-0.49	-61.89	-25.00	-36.89	peak	H
4	467.5000	-72.95	4.36	-68.59	-25.00	-43.59	peak	H
5	576.0000	-75.68	6.64	-69.04	-25.00	-44.04	peak	H
6	720.0000	-80.72	7.39	-73.33	-25.00	-48.33	peak	H
7	3280.000	-71.01	12.31	-58.70	-25.00	-33.70	peak	H
8	4684.000	-75.65	14.98	-60.67	-25.00	-35.67	peak	H
9	7132.000	-75.49	23.89	-51.60	-25.00	-26.60	peak	H
1	144.0000	-63.39	14.96	-48.43	-25.00	-23.43	peak	V
2	200.5000	-66.79	9.73	-57.06	-25.00	-32.06	peak	V
3	334.5000	-65.84	0.51	-65.33	-25.00	-40.33	peak	V
4	480.0000	-63.26	1.65	-61.61	-25.00	-36.61	peak	V
5	601.5000	-68.92	6.63	-62.29	-25.00	-37.29	peak	V
6	716.0000	-78.10	10.63	-67.47	-25.00	-42.47	peak	V
7	3268.000	-70.82	15.57	-55.25	-25.00	-30.25	peak	V
8	4732.000	-73.67	19.54	-54.13	-25.00	-29.13	peak	V
9	7132.000	-72.97	21.65	-51.32	-25.00	-26.32	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2505.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.02	6.51	-61.51	-25.00	-36.51	peak	H
2	200.5000	-64.94	2.48	-62.46	-25.00	-37.46	peak	H
3	367.5000	-60.14	-0.49	-60.63	-25.00	-35.63	peak	H
4	467.5000	-72.12	4.36	-67.76	-25.00	-42.76	peak	H
5	600.0000	-77.31	6.98	-70.33	-25.00	-45.33	peak	H
6	668.0000	-78.19	6.82	-71.37	-25.00	-46.37	peak	H
7	3292.000	-71.98	12.35	-59.63	-25.00	-34.63	peak	H
8	4732.000	-73.93	15.24	-58.69	-25.00	-33.69	peak	H
9	7156.000	-75.28	23.97	-51.31	-25.00	-26.31	peak	H
1	200.5000	-59.83	9.73	-50.10	-25.00	-25.10	peak	V
2	336.0000	-62.30	0.50	-61.80	-25.00	-36.80	peak	V
3	431.0000	-68.50	0.71	-67.79	-25.00	-42.79	peak	V
4	480.0000	-67.58	1.65	-65.93	-25.00	-40.93	peak	V
5	601.5000	-65.66	6.63	-59.03	-25.00	-34.03	peak	V
6	646.5000	-74.27	8.43	-65.84	-25.00	-40.84	peak	V
7	3268.000	-71.05	15.57	-55.48	-25.00	-30.48	peak	V
8	4684.000	-73.52	19.45	-54.07	-25.00	-29.07	peak	V
9	7156.000	-75.02	21.69	-53.33	-25.00	-28.33	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-67.26	6.38	-60.88	-25.00	-35.88	peak	H
2	238.0000	-59.64	-2.20	-61.84	-25.00	-36.84	peak	H
3	367.5000	-60.94	-0.49	-61.43	-25.00	-36.43	peak	H
4	467.5000	-74.28	4.36	-69.92	-25.00	-44.92	peak	H
5	561.0000	-75.95	6.83	-69.12	-25.00	-44.12	peak	H
6	716.5000	-79.01	7.30	-71.71	-25.00	-46.71	peak	H
7	3280.000	-71.56	12.31	-59.25	-25.00	-34.25	peak	H
8	4720.000	-75.00	15.18	-59.82	-25.00	-34.82	peak	H
9	7156.000	-75.36	23.97	-51.39	-25.00	-26.39	peak	H
1	154.5000	-68.25	16.47	-51.78	-25.00	-26.78	peak	V
2	200.5000	-59.45	9.73	-49.72	-25.00	-24.72	peak	V
3	333.5000	-61.99	0.51	-61.48	-25.00	-36.48	peak	V
4	501.0000	-68.13	1.96	-66.17	-25.00	-41.17	peak	V
5	601.5000	-66.81	6.63	-60.18	-25.00	-35.18	peak	V
6	646.5000	-72.35	8.43	-63.92	-25.00	-38.92	peak	V
7	3268.000	-69.59	15.57	-54.02	-25.00	-29.02	peak	V
8	4720.000	-74.83	19.52	-55.31	-25.00	-30.31	peak	V
9	7132.000	-74.05	21.65	-52.40	-25.00	-27.40	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2565.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.5000	-68.70	7.06	-61.64	-25.00	-36.64	peak	H
2	213.0000	-61.57	-0.25	-61.82	-25.00	-36.82	peak	H
3	331.0000	-61.02	-1.34	-62.36	-25.00	-37.36	peak	H
4	467.5000	-73.02	4.36	-68.66	-25.00	-43.66	peak	H
5	574.5000	-76.94	6.66	-70.28	-25.00	-45.28	peak	H
6	634.5000	-78.47	6.53	-71.94	-25.00	-46.94	peak	H
7	3244.000	-70.57	12.19	-58.38	-25.00	-33.38	peak	H
8	4756.000	-74.18	15.38	-58.80	-25.00	-33.80	peak	H
9	7168.000	-74.78	24.01	-50.77	-25.00	-25.77	peak	H
1	155.5000	-68.10	16.88	-51.22	-25.00	-26.22	peak	V
2	200.5000	-60.75	9.73	-51.02	-25.00	-26.02	peak	V
3	336.0000	-63.88	0.50	-63.38	-25.00	-38.38	peak	V
4	501.0000	-67.42	1.96	-65.46	-25.00	-40.46	peak	V
5	601.5000	-68.27	6.63	-61.64	-25.00	-36.64	peak	V
6	646.5000	-73.14	8.43	-64.71	-25.00	-39.71	peak	V
7	3196.000	-71.70	15.13	-56.57	-25.00	-31.57	peak	V
8	4720.000	-75.26	19.52	-55.74	-25.00	-30.74	peak	V
9	7204.000	-75.55	21.76	-53.79	-25.00	-28.79	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2507.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-70.05	6.51	-63.54	-25.00	-38.54	peak	H
2	214.0000	-61.93	-0.35	-62.28	-25.00	-37.28	peak	H
3	367.5000	-61.69	-0.49	-62.18	-25.00	-37.18	peak	H
4	467.5000	-74.30	4.36	-69.94	-25.00	-44.94	peak	H
5	601.0000	-76.95	6.98	-69.97	-25.00	-44.97	peak	H
6	701.5000	-77.74	6.91	-70.83	-25.00	-45.83	peak	H
7	3316.000	-71.47	12.41	-59.06	-25.00	-34.06	peak	H
8	4732.000	-74.01	15.24	-58.77	-25.00	-33.77	peak	H
9	7132.000	-73.56	23.89	-49.67	-25.00	-24.67	peak	H
1	153.5000	-67.91	16.05	-51.86	-25.00	-26.86	peak	V
2	225.5000	-51.91	3.26	-48.65	-25.00	-23.65	peak	V
3	336.0000	-63.81	0.50	-63.31	-25.00	-38.31	peak	V
4	501.0000	-69.00	1.96	-67.04	-25.00	-42.04	peak	V
5	601.5000	-66.24	6.63	-59.61	-25.00	-34.61	peak	V
6	668.0000	-74.16	9.17	-64.99	-25.00	-39.99	peak	V
7	3280.000	-69.63	15.65	-53.98	-25.00	-28.98	peak	V
8	4684.000	-73.72	19.45	-54.27	-25.00	-29.27	peak	V
9	7108.000	-75.38	21.63	-53.75	-25.00	-28.75	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-68.42	5.36	-63.06	-25.00	-38.06	peak	H
2	213.0000	-62.23	-0.25	-62.48	-25.00	-37.48	peak	H
3	367.5000	-61.40	-0.49	-61.89	-25.00	-36.89	peak	H
4	467.5000	-73.57	4.36	-69.21	-25.00	-44.21	peak	H
5	575.0000	-75.70	6.65	-69.05	-25.00	-44.05	peak	H
6	630.0000	-78.97	6.70	-72.27	-25.00	-47.27	peak	H
7	3316.000	-71.88	12.41	-59.47	-25.00	-34.47	peak	H
8	4720.000	-73.92	15.18	-58.74	-25.00	-33.74	peak	H
9	7120.000	-75.16	23.86	-51.30	-25.00	-26.30	peak	H
1	157.5000	-71.76	17.72	-54.04	-25.00	-29.04	peak	V
2	200.5000	-59.56	9.73	-49.83	-25.00	-24.83	peak	V
3	336.0000	-62.01	0.50	-61.51	-25.00	-36.51	peak	V
4	491.0000	-67.56	1.82	-65.74	-25.00	-40.74	peak	V
5	601.5000	-66.18	6.63	-59.55	-25.00	-34.55	peak	V
6	709.0000	-77.14	10.40	-66.74	-25.00	-41.74	peak	V
7	3268.000	-70.86	15.57	-55.29	-25.00	-30.29	peak	V
8	4756.000	-74.07	19.59	-54.48	-25.00	-29.48	peak	V
9	7168.000	-74.06	21.72	-52.34	-25.00	-27.34	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2562.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-71.42	5.48	-65.94	-25.00	-40.94	peak	H
2	209.0000	-61.61	0.30	-61.31	-25.00	-36.31	peak	H
3	367.5000	-60.55	-0.49	-61.04	-25.00	-36.04	peak	H
4	467.5000	-74.23	4.36	-69.87	-25.00	-44.87	peak	H
5	601.5000	-75.95	6.99	-68.96	-25.00	-43.96	peak	H
6	720.0000	-78.69	7.39	-71.30	-25.00	-46.30	peak	H
7	3280.000	-71.77	12.31	-59.46	-25.00	-34.46	peak	H
8	4708.000	-73.80	15.11	-58.69	-25.00	-33.69	peak	H
9	7108.000	-74.98	23.84	-51.14	-25.00	-26.14	peak	H
1	150.5000	-67.30	14.79	-52.51	-25.00	-27.51	peak	V
2	200.5000	-60.33	9.73	-50.60	-25.00	-25.60	peak	V
3	336.0000	-63.35	0.50	-62.85	-25.00	-37.85	peak	V
4	480.0000	-68.34	1.65	-66.69	-25.00	-41.69	peak	V
5	561.0000	-68.25	3.48	-64.77	-25.00	-39.77	peak	V
6	668.0000	-73.99	9.17	-64.82	-25.00	-39.82	peak	V
7	3280.000	-71.16	15.65	-55.51	-25.00	-30.51	peak	V
8	4732.000	-74.23	19.54	-54.69	-25.00	-29.69	peak	V
9	7180.000	-73.55	21.74	-51.81	-25.00	-26.81	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2510.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-70.78	5.23	-65.55	-25.00	-40.55	peak	H
2	214.0000	-61.17	-0.35	-61.52	-25.00	-36.52	peak	H
3	367.5000	-61.94	-0.49	-62.43	-25.00	-37.43	peak	H
4	467.5000	-74.88	4.36	-70.52	-25.00	-45.52	peak	H
5	601.5000	-76.07	6.99	-69.08	-25.00	-44.08	peak	H
6	701.5000	-78.64	6.91	-71.73	-25.00	-46.73	peak	H
7	3244.000	-71.59	12.19	-59.40	-25.00	-34.40	peak	H
8	4732.000	-74.94	15.24	-59.70	-25.00	-34.70	peak	H
9	7084.000	-75.31	23.76	-51.55	-25.00	-26.55	peak	H
1	157.5000	-71.06	17.72	-53.34	-25.00	-28.34	peak	V
2	200.5000	-64.53	9.73	-54.80	-25.00	-29.80	peak	V
3	336.0000	-62.36	0.50	-61.86	-25.00	-36.86	peak	V
4	480.0000	-69.18	1.65	-67.53	-25.00	-42.53	peak	V
5	561.0000	-68.78	3.48	-65.30	-25.00	-40.30	peak	V
6	601.5000	-66.14	6.63	-59.51	-25.00	-34.51	peak	V
7	3268.000	-71.51	15.57	-55.94	-25.00	-30.94	peak	V
8	4732.000	-72.91	19.54	-53.37	-25.00	-28.37	peak	V
9	7168.000	-74.26	21.72	-52.54	-25.00	-27.54	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.0000	-74.45	7.53	-66.92	-25.00	-41.92	peak	H
2	200.5000	-68.85	2.48	-66.37	-25.00	-41.37	peak	H
3	367.5000	-62.05	-0.49	-62.54	-25.00	-37.54	peak	H
4	467.5000	-74.17	4.36	-69.81	-25.00	-44.81	peak	H
5	575.0000	-77.15	6.65	-70.50	-25.00	-45.50	peak	H
6	601.5000	-74.16	6.99	-67.17	-25.00	-42.17	peak	H
7	3268.000	-71.75	12.26	-59.49	-25.00	-34.49	peak	H
8	4780.000	-73.53	15.50	-58.03	-25.00	-33.03	peak	H
9	7156.000	-75.51	23.97	-51.54	-25.00	-26.54	peak	H
1	132.0000	-70.19	18.46	-51.73	-25.00	-26.73	peak	V
2	200.5000	-63.79	9.73	-54.06	-25.00	-29.06	peak	V
3	341.5000	-64.95	0.59	-64.36	-25.00	-39.36	peak	V
4	480.0000	-68.39	1.65	-66.74	-25.00	-41.74	peak	V
5	601.5000	-68.05	6.63	-61.42	-25.00	-36.42	peak	V
6	644.5000	-73.37	8.33	-65.04	-25.00	-40.04	peak	V
7	3244.000	-70.90	15.43	-55.47	-25.00	-30.47	peak	V
8	4684.000	-74.43	19.45	-54.98	-25.00	-29.98	peak	V
9	7108.000	-75.20	21.63	-53.57	-25.00	-28.57	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	2560.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.23	6.51	-61.72	-25.00	-36.72	peak	H
2	215.0000	-61.90	-0.43	-62.33	-25.00	-37.33	peak	H
3	367.5000	-61.15	-0.49	-61.64	-25.00	-36.64	peak	H
4	467.5000	-73.72	4.36	-69.36	-25.00	-44.36	peak	H
5	601.5000	-75.05	6.99	-68.06	-25.00	-43.06	peak	H
6	720.0000	-77.82	7.39	-70.43	-25.00	-45.43	peak	H
7	3340.000	-70.47	12.49	-57.98	-25.00	-32.98	peak	H
8	4720.000	-74.68	15.18	-59.50	-25.00	-34.50	peak	H
9	7024.000	-75.29	23.59	-51.70	-25.00	-26.70	peak	H
1	158.0000	-70.55	17.94	-52.61	-25.00	-27.61	peak	V
2	200.5000	-62.97	9.73	-53.24	-25.00	-28.24	peak	V
3	336.0000	-63.41	0.50	-62.91	-25.00	-37.91	peak	V
4	420.5000	-68.34	0.58	-67.76	-25.00	-42.76	peak	V
5	601.5000	-67.08	6.63	-60.45	-25.00	-35.45	peak	V
6	720.0000	-78.15	10.76	-67.39	-25.00	-42.39	peak	V
7	3268.000	-71.73	15.57	-56.16	-25.00	-31.16	peak	V
8	4720.000	-73.23	19.52	-53.71	-25.00	-28.71	peak	V
9	7156.000	-75.69	21.69	-54.00	-25.00	-29.00	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2502.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-74.39	6.51	-67.88	-25.00	-42.88	peak	H
2	203.5000	-63.64	1.71	-61.93	-25.00	-36.93	peak	H
3	367.5000	-61.33	-0.49	-61.82	-25.00	-36.82	peak	H
4	467.5000	-73.56	4.36	-69.20	-25.00	-44.20	peak	H
5	576.0000	-74.06	6.64	-67.42	-25.00	-42.42	peak	H
6	720.0000	-78.47	7.39	-71.08	-25.00	-46.08	peak	H
7	3244.000	-71.66	12.19	-59.47	-25.00	-34.47	peak	H
8	4756.000	-72.34	15.38	-56.96	-25.00	-31.96	peak	H
9	7132.000	-74.71	23.89	-50.82	-25.00	-25.82	peak	H
1	167.0000	-61.45	11.07	-50.38	-25.00	-25.38	peak	V
2	200.5000	-66.86	9.73	-57.13	-25.00	-32.13	peak	V
3	336.0000	-65.61	0.50	-65.11	-25.00	-40.11	peak	V
4	480.0000	-63.18	1.65	-61.53	-25.00	-36.53	peak	V
5	601.5000	-70.00	6.63	-63.37	-25.00	-38.37	peak	V
6	720.0000	-77.01	10.76	-66.25	-25.00	-41.25	peak	V
7	3232.000	-70.76	15.36	-55.40	-25.00	-30.40	peak	V
8	4768.000	-74.52	19.61	-54.91	-25.00	-29.91	peak	V
9	7060.000	-76.05	21.54	-54.51	-25.00	-29.51	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.60	6.90	-62.70	-25.00	-37.70	peak	H
2	288.0000	-60.56	-4.10	-64.66	-25.00	-39.66	peak	H
3	367.5000	-60.70	-0.49	-61.19	-25.00	-36.19	peak	H
4	467.5000	-73.00	4.36	-68.64	-25.00	-43.64	peak	H
5	576.0000	-75.99	6.64	-69.35	-25.00	-44.35	peak	H
6	672.0000	-79.18	6.81	-72.37	-25.00	-47.37	peak	H
7	3244.000	-70.83	12.19	-58.64	-25.00	-33.64	peak	H
8	4732.000	-75.18	15.24	-59.94	-25.00	-34.94	peak	H
9	7180.000	-74.39	24.04	-50.35	-25.00	-25.35	peak	H
1	133.5000	-69.39	17.84	-51.55	-25.00	-26.55	peak	V
2	200.5000	-64.91	9.73	-55.18	-25.00	-30.18	peak	V
3	336.0000	-65.12	0.50	-64.62	-25.00	-39.62	peak	V
4	480.0000	-62.84	1.65	-61.19	-25.00	-36.19	peak	V
5	601.5000	-69.09	6.63	-62.46	-25.00	-37.46	peak	V
6	720.0000	-77.99	10.76	-67.23	-25.00	-42.23	peak	V
7	3316.000	-71.04	15.87	-55.17	-25.00	-30.17	peak	V
8	4780.000	-74.25	19.63	-54.62	-25.00	-29.62	peak	V
9	7156.000	-75.27	21.69	-53.58	-25.00	-28.58	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2567.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	59.5000	-68.06	6.12	-61.94	-25.00	-36.94	peak	H
2	209.5000	-62.07	0.18	-61.89	-25.00	-36.89	peak	H
3	329.0000	-62.03	-1.36	-63.39	-25.00	-38.39	peak	H
4	480.0000	-74.16	4.99	-69.17	-25.00	-44.17	peak	H
5	576.0000	-76.10	6.64	-69.46	-25.00	-44.46	peak	H
6	672.0000	-80.76	6.81	-73.95	-25.00	-48.95	peak	H
7	3292.000	-72.75	12.35	-60.40	-25.00	-35.40	peak	H
8	4684.000	-75.56	14.98	-60.58	-25.00	-35.58	peak	H
9	7132.000	-74.44	23.89	-50.55	-25.00	-25.55	peak	H
1	167.0000	-61.74	11.07	-50.67	-25.00	-25.67	peak	V
2	200.5000	-65.70	9.73	-55.97	-25.00	-30.97	peak	V
3	331.0000	-62.97	0.50	-62.47	-25.00	-37.47	peak	V
4	480.0000	-63.64	1.65	-61.99	-25.00	-36.99	peak	V
5	601.5000	-68.64	6.63	-62.01	-25.00	-37.01	peak	V
6	687.5000	-77.62	9.64	-67.98	-25.00	-42.98	peak	V
7	3268.000	-71.10	15.57	-55.53	-25.00	-30.53	peak	V
8	4780.000	-74.68	19.63	-55.05	-25.00	-30.05	peak	V
9	7156.000	-73.71	21.69	-52.02	-25.00	-27.02	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2505.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-70.63	5.10	-65.53	-25.00	-40.53	peak	H
2	200.5000	-63.55	2.48	-61.07	-25.00	-36.07	peak	H
3	367.5000	-60.93	-0.49	-61.42	-25.00	-36.42	peak	H
4	467.5000	-73.37	4.36	-69.01	-25.00	-44.01	peak	H
5	574.5000	-76.66	6.66	-70.00	-25.00	-45.00	peak	H
6	634.5000	-79.41	6.53	-72.88	-25.00	-47.88	peak	H
7	3292.000	-72.05	12.35	-59.70	-25.00	-34.70	peak	H
8	4768.000	-72.63	15.44	-57.19	-25.00	-32.19	peak	H
9	7120.000	-74.65	23.86	-50.79	-25.00	-25.79	peak	H
1	156.0000	-68.84	17.09	-51.75	-25.00	-26.75	peak	V
2	200.5000	-63.27	9.73	-53.54	-25.00	-28.54	peak	V
3	336.0000	-61.16	0.50	-60.66	-25.00	-35.66	peak	V
4	480.0000	-67.82	1.65	-66.17	-25.00	-41.17	peak	V
5	601.5000	-67.16	6.63	-60.53	-25.00	-35.53	peak	V
6	644.5000	-74.81	8.33	-66.48	-25.00	-41.48	peak	V
7	3268.000	-72.13	15.57	-56.56	-25.00	-31.56	peak	V
8	4756.000	-73.99	19.59	-54.40	-25.00	-29.40	peak	V
9	7156.000	-74.49	21.69	-52.80	-25.00	-27.80	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.29	6.38	-61.91	-25.00	-36.91	peak	H
2	200.5000	-64.56	2.48	-62.08	-25.00	-37.08	peak	H
3	367.5000	-60.47	-0.49	-60.96	-25.00	-35.96	peak	H
4	467.5000	-73.43	4.36	-69.07	-25.00	-44.07	peak	H
5	601.5000	-77.41	6.99	-70.42	-25.00	-45.42	peak	H
6	705.5000	-79.93	7.02	-72.91	-25.00	-47.91	peak	H
7	3292.000	-72.84	12.35	-60.49	-25.00	-35.49	peak	H
8	4768.000	-74.56	15.44	-59.12	-25.00	-34.12	peak	H
9	7120.000	-73.00	23.86	-49.14	-25.00	-24.14	peak	H
1	130.5000	-70.25	19.05	-51.20	-25.00	-26.20	peak	V
2	200.5000	-60.85	9.73	-51.12	-25.00	-26.12	peak	V
3	336.0000	-61.31	0.50	-60.81	-25.00	-35.81	peak	V
4	491.0000	-67.43	1.82	-65.61	-25.00	-40.61	peak	V
5	601.5000	-67.01	6.63	-60.38	-25.00	-35.38	peak	V
6	668.5000	-73.91	9.18	-64.73	-25.00	-39.73	peak	V
7	3280.000	-70.75	15.65	-55.10	-25.00	-30.10	peak	V
8	4732.000	-75.20	19.54	-55.66	-25.00	-30.66	peak	V
9	7156.000	-75.90	21.69	-54.21	-25.00	-29.21	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2565.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-71.45	5.48	-65.97	-25.00	-40.97	peak	H
2	207.5000	-62.47	0.69	-61.78	-25.00	-36.78	peak	H
3	367.5000	-61.63	-0.49	-62.12	-25.00	-37.12	peak	H
4	467.5000	-73.76	4.36	-69.40	-25.00	-44.40	peak	H
5	561.5000	-75.99	6.83	-69.16	-25.00	-44.16	peak	H
6	701.5000	-79.28	6.91	-72.37	-25.00	-47.37	peak	H
7	3292.000	-71.94	12.35	-59.59	-25.00	-34.59	peak	H
8	4720.000	-73.60	15.18	-58.42	-25.00	-33.42	peak	H
9	7084.000	-74.49	23.76	-50.73	-25.00	-25.73	peak	H
1	130.5000	-70.94	19.05	-51.89	-25.00	-26.89	peak	V
2	200.5000	-66.28	9.73	-56.55	-25.00	-31.55	peak	V
3	336.0000	-61.92	0.50	-61.42	-25.00	-36.42	peak	V
4	491.0000	-69.18	1.82	-67.36	-25.00	-42.36	peak	V
5	601.5000	-67.05	6.63	-60.42	-25.00	-35.42	peak	V
6	672.0000	-76.95	9.23	-67.72	-25.00	-42.72	peak	V
7	3268.000	-71.38	15.57	-55.81	-25.00	-30.81	peak	V
8	4708.000	-74.42	19.49	-54.93	-25.00	-29.93	peak	V
9	7132.000	-74.72	21.65	-53.07	-25.00	-28.07	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2507.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.54	6.90	-66.64	-25.00	-41.64	peak	H
2	200.5000	-64.63	2.48	-62.15	-25.00	-37.15	peak	H
3	367.5000	-61.22	-0.49	-61.71	-25.00	-36.71	peak	H
4	467.5000	-73.86	4.36	-69.50	-25.00	-44.50	peak	H
5	601.5000	-76.71	6.99	-69.72	-25.00	-44.72	peak	H
6	720.0000	-79.09	7.39	-71.70	-25.00	-46.70	peak	H
7	3244.000	-71.75	12.19	-59.56	-25.00	-34.56	peak	H
8	4720.000	-73.12	15.18	-57.94	-25.00	-32.94	peak	H
9	7168.000	-73.55	24.01	-49.54	-25.00	-24.54	peak	H
1	157.5000	-70.24	17.72	-52.52	-25.00	-27.52	peak	V
2	200.5000	-67.20	9.73	-57.47	-25.00	-32.47	peak	V
3	336.0000	-62.27	0.50	-61.77	-25.00	-36.77	peak	V
4	480.0000	-66.64	1.65	-64.99	-25.00	-39.99	peak	V
5	601.5000	-66.97	6.63	-60.34	-25.00	-35.34	peak	V
6	668.0000	-75.45	9.17	-66.28	-25.00	-41.28	peak	V
7	3316.000	-69.35	15.87	-53.48	-25.00	-28.48	peak	V
8	4768.000	-72.74	19.61	-53.13	-25.00	-28.13	peak	V
9	7108.000	-74.36	21.63	-52.73	-25.00	-27.73	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-71.38	6.51	-64.87	-25.00	-39.87	peak	H
2	200.5000	-65.28	2.48	-62.80	-25.00	-37.80	peak	H
3	367.5000	-61.68	-0.49	-62.17	-25.00	-37.17	peak	H
4	467.5000	-74.22	4.36	-69.86	-25.00	-44.86	peak	H
5	601.5000	-75.34	6.99	-68.35	-25.00	-43.35	peak	H
6	699.0000	-78.49	6.87	-71.62	-25.00	-46.62	peak	H
7	3280.000	-71.35	12.31	-59.04	-25.00	-34.04	peak	H
8	4720.000	-75.14	15.18	-59.96	-25.00	-34.96	peak	H
9	7060.000	-75.45	23.69	-51.76	-25.00	-26.76	peak	H
1	131.0000	-72.79	18.85	-53.94	-25.00	-28.94	peak	V
2	200.5000	-60.74	9.73	-51.01	-25.00	-26.01	peak	V
3	336.0000	-62.49	0.50	-61.99	-25.00	-36.99	peak	V
4	480.0000	-66.78	1.65	-65.13	-25.00	-40.13	peak	V
5	601.5000	-66.91	6.63	-60.28	-25.00	-35.28	peak	V
6	720.0000	-77.26	10.76	-66.50	-25.00	-41.50	peak	V
7	3268.000	-71.81	15.57	-56.24	-25.00	-31.24	peak	V
8	4780.000	-73.30	19.63	-53.67	-25.00	-28.67	peak	V
9	7168.000	-74.38	21.72	-52.66	-25.00	-27.66	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2562.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.5000	-73.74	7.15	-66.59	-25.00	-41.59	peak	H
2	200.5000	-65.48	2.48	-63.00	-25.00	-38.00	peak	H
3	367.5000	-60.81	-0.49	-61.30	-25.00	-36.30	peak	H
4	467.5000	-74.15	4.36	-69.79	-25.00	-44.79	peak	H
5	601.5000	-76.19	6.99	-69.20	-25.00	-44.20	peak	H
6	719.0000	-78.46	7.37	-71.09	-25.00	-46.09	peak	H
7	3292.000	-71.80	12.35	-59.45	-25.00	-34.45	peak	H
8	4708.000	-74.80	15.11	-59.69	-25.00	-34.69	peak	H
9	7108.000	-74.96	23.84	-51.12	-25.00	-26.12	peak	H
1	130.5000	-71.76	19.05	-52.71	-25.00	-27.71	peak	V
2	200.5000	-64.39	9.73	-54.66	-25.00	-29.66	peak	V
3	336.0000	-61.93	0.50	-61.43	-25.00	-36.43	peak	V
4	480.0000	-68.24	1.65	-66.59	-25.00	-41.59	peak	V
5	601.5000	-68.08	6.63	-61.45	-25.00	-36.45	peak	V
6	720.0000	-79.23	10.76	-68.47	-25.00	-43.47	peak	V
7	3280.000	-71.08	15.65	-55.43	-25.00	-30.43	peak	V
8	4732.000	-74.32	19.54	-54.78	-25.00	-29.78	peak	V
9	7132.000	-75.65	21.65	-54.00	-25.00	-29.00	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2510.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.46	6.90	-66.56	-25.00	-41.56	peak	H
2	200.5000	-64.65	2.48	-62.17	-25.00	-37.17	peak	H
3	367.5000	-62.35	-0.49	-62.84	-25.00	-37.84	peak	H
4	480.0000	-74.77	4.99	-69.78	-25.00	-44.78	peak	H
5	601.5000	-74.54	6.99	-67.55	-25.00	-42.55	peak	H
6	720.0000	-78.37	7.39	-70.98	-25.00	-45.98	peak	H
7	3316.000	-71.48	12.41	-59.07	-25.00	-34.07	peak	H
8	4732.000	-74.90	15.24	-59.66	-25.00	-34.66	peak	H
9	7120.000	-74.67	23.86	-50.81	-25.00	-25.81	peak	H
1	151.5000	-70.71	15.21	-55.50	-25.00	-30.50	peak	V
2	200.5000	-61.25	9.73	-51.52	-25.00	-26.52	peak	V
3	336.0000	-62.93	0.50	-62.43	-25.00	-37.43	peak	V
4	480.0000	-69.18	1.65	-67.53	-25.00	-42.53	peak	V
5	601.5000	-68.00	6.63	-61.37	-25.00	-36.37	peak	V
6	730.0000	-77.87	10.57	-67.30	-25.00	-42.30	peak	V
7	3280.000	-70.70	15.65	-55.05	-25.00	-30.05	peak	V
8	4732.000	-75.04	19.54	-55.50	-25.00	-30.50	peak	V
9	7072.000	-74.76	21.56	-53.20	-25.00	-28.20	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-71.14	6.38	-64.76	-25.00	-39.76	peak	H
2	200.5000	-65.06	2.48	-62.58	-25.00	-37.58	peak	H
3	367.5000	-61.09	-0.49	-61.58	-25.00	-36.58	peak	H
4	467.5000	-75.45	4.36	-71.09	-25.00	-46.09	peak	H
5	601.5000	-74.47	6.99	-67.48	-25.00	-42.48	peak	H
6	720.0000	-77.84	7.39	-70.45	-25.00	-45.45	peak	H
7	3292.000	-72.45	12.35	-60.10	-25.00	-35.10	peak	H
8	4660.000	-73.94	14.86	-59.08	-25.00	-34.08	peak	H
9	7120.000	-75.50	23.86	-51.64	-25.00	-26.64	peak	H
1	157.5000	-68.54	17.72	-50.82	-25.00	-25.82	peak	V
2	200.5000	-61.92	9.73	-52.19	-25.00	-27.19	peak	V
3	336.0000	-61.60	0.50	-61.10	-25.00	-36.10	peak	V
4	480.0000	-69.37	1.65	-67.72	-25.00	-42.72	peak	V
5	601.5000	-66.42	6.63	-59.79	-25.00	-34.79	peak	V
6	720.0000	-79.34	10.76	-68.58	-25.00	-43.58	peak	V
7	3328.000	-72.22	15.95	-56.27	-25.00	-31.27	peak	V
8	4660.000	-74.10	19.41	-54.69	-25.00	-29.69	peak	V
9	7156.000	-75.72	21.69	-54.03	-25.00	-29.03	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 7	Date:	10/04/2014
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	2560.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-69.21	6.26	-62.95	-25.00	-37.95	peak	H
2	214.5000	-61.84	-0.39	-62.23	-25.00	-37.23	peak	H
3	367.5000	-61.32	-0.49	-61.81	-25.00	-36.81	peak	H
4	467.5000	-74.14	4.36	-69.78	-25.00	-44.78	peak	H
5	601.5000	-75.48	6.99	-68.49	-25.00	-43.49	peak	H
6	720.0000	-78.09	7.39	-70.70	-25.00	-45.70	peak	H
7	3244.000	-70.03	12.19	-57.84	-25.00	-32.84	peak	H
8	4780.000	-72.93	15.50	-57.43	-25.00	-32.43	peak	H
9	7168.000	-75.58	24.01	-51.57	-25.00	-26.57	peak	H
1	142.5000	-70.28	15.05	-55.23	-25.00	-30.23	peak	V
2	200.5000	-65.98	9.73	-56.25	-25.00	-31.25	peak	V
3	336.0000	-61.80	0.50	-61.30	-25.00	-36.30	peak	V
4	480.0000	-69.62	1.65	-67.97	-25.00	-42.97	peak	V
5	601.5000	-66.82	6.63	-60.19	-25.00	-35.19	peak	V
6	720.0000	-78.47	10.76	-67.71	-25.00	-42.71	peak	V
7	3292.000	-72.57	15.73	-56.84	-25.00	-31.84	peak	V
8	4720.000	-74.42	19.52	-54.90	-25.00	-29.90	peak	V
9	7120.000	-75.45	21.63	-53.82	-25.00	-28.82	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	699.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-69.34	6.26	-63.08	-13.00	-50.08	peak	H
2	214.5000	-61.36	-0.39	-61.75	-13.00	-48.75	peak	H
3	334.0000	-61.48	-1.31	-62.79	-13.00	-49.79	peak	H
4	467.5000	-73.91	4.36	-69.55	-13.00	-56.55	peak	H
5	601.5000	-76.19	6.99	-69.20	-13.00	-56.20	peak	H
6	735.0000	-79.01	7.90	-71.11	-13.00	-58.11	peak	H
7	3280.000	-70.88	12.31	-58.57	-13.00	-45.57	peak	H
8	4768.000	-73.87	15.44	-58.43	-13.00	-45.43	peak	H
9	7132.000	-73.97	23.89	-50.08	-13.00	-37.08	peak	H
1	129.0000	-73.15	18.07	-55.08	-13.00	-42.08	peak	V
2	200.5000	-63.09	9.73	-53.36	-13.00	-40.36	peak	V
3	336.0000	-64.70	0.50	-64.20	-13.00	-51.20	peak	V
4	480.0000	-69.01	1.65	-67.36	-13.00	-54.36	peak	V
5	601.5000	-65.62	6.63	-58.99	-13.00	-45.99	peak	V
6	668.0000	-77.13	9.17	-67.96	-13.00	-54.96	peak	V
7	3244.000	-69.81	15.43	-54.38	-13.00	-41.38	peak	V
8	4732.000	-73.95	19.54	-54.41	-13.00	-41.41	peak	V
9	7132.000	-74.74	21.65	-53.09	-13.00	-40.09	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.55	6.51	-62.04	-13.00	-49.04	peak	H
2	200.5000	-67.61	2.48	-65.13	-13.00	-52.13	peak	H
3	367.5000	-61.61	-0.49	-62.10	-13.00	-49.10	peak	H
4	467.5000	-74.03	4.36	-69.67	-13.00	-56.67	peak	H
5	601.5000	-74.87	6.99	-67.88	-13.00	-54.88	peak	H
6	720.0000	-79.34	7.39	-71.95	-13.00	-58.95	peak	H
7	3268.000	-71.27	12.26	-59.01	-13.00	-46.01	peak	H
8	4684.000	-73.92	14.98	-58.94	-13.00	-45.94	peak	H
9	7120.000	-76.76	23.86	-52.90	-13.00	-39.90	peak	H
1	157.5000	-67.74	17.72	-50.02	-13.00	-37.02	peak	V
2	200.5000	-60.38	9.73	-50.65	-13.00	-37.65	peak	V
3	337.5000	-63.19	0.51	-62.68	-13.00	-49.68	peak	V
4	480.0000	-68.39	1.65	-66.74	-13.00	-53.74	peak	V
5	601.5000	-66.64	6.63	-60.01	-13.00	-47.01	peak	V
6	672.0000	-76.70	9.23	-67.47	-13.00	-54.47	peak	V
7	3232.000	-71.72	15.36	-56.36	-13.00	-43.36	peak	V
8	4816.000	-75.16	19.70	-55.46	-13.00	-42.46	peak	V
9	7132.000	-75.19	21.65	-53.54	-13.00	-40.54	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	715.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.5000	-72.13	5.61	-66.52	-13.00	-53.52	peak	H
2	215.0000	-60.80	-0.43	-61.23	-13.00	-48.23	peak	H
3	367.5000	-61.51	-0.49	-62.00	-13.00	-49.00	peak	H
4	467.5000	-75.32	4.36	-70.96	-13.00	-57.96	peak	H
5	601.5000	-74.42	6.99	-67.43	-13.00	-54.43	peak	H
6	720.0000	-78.05	7.39	-70.66	-13.00	-57.66	peak	H
7	3280.000	-72.89	12.31	-60.58	-13.00	-47.58	peak	H
8	4732.000	-75.11	15.24	-59.87	-13.00	-46.87	peak	H
9	7036.000	-75.03	23.64	-51.39	-13.00	-38.39	peak	H
1	157.5000	-71.77	17.72	-54.05	-13.00	-41.05	peak	V
2	200.5000	-62.30	9.73	-52.57	-13.00	-39.57	peak	V
3	333.0000	-63.13	0.50	-62.63	-13.00	-49.63	peak	V
4	480.0000	-68.18	1.65	-66.53	-13.00	-53.53	peak	V
5	601.5000	-66.61	6.63	-59.98	-13.00	-46.98	peak	V
6	720.0000	-78.17	10.76	-67.41	-13.00	-54.41	peak	V
7	3268.000	-70.82	15.57	-55.25	-13.00	-42.25	peak	V
8	4756.000	-73.88	19.59	-54.29	-13.00	-41.29	peak	V
9	7120.000	-75.06	21.63	-53.43	-13.00	-40.43	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	700.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.15	6.63	-62.52	-13.00	-49.52	peak	H
2	209.0000	-61.09	0.30	-60.79	-13.00	-47.79	peak	H
3	367.5000	-61.98	-0.49	-62.47	-13.00	-49.47	peak	H
4	467.5000	-74.83	4.36	-70.47	-13.00	-57.47	peak	H
5	601.5000	-76.50	6.99	-69.51	-13.00	-56.51	peak	H
6	701.5000	-78.57	6.91	-71.66	-13.00	-58.66	peak	H
7	3292.000	-71.63	12.35	-59.28	-13.00	-46.28	peak	H
8	4708.000	-73.66	15.11	-58.55	-13.00	-45.55	peak	H
9	7072.000	-72.84	23.73	-49.11	-13.00	-36.11	peak	H
1	157.5000	-66.04	17.72	-48.32	-13.00	-35.32	peak	V
2	200.5000	-62.34	9.73	-52.61	-13.00	-39.61	peak	V
3	336.0000	-61.16	0.50	-60.66	-13.00	-47.66	peak	V
4	480.0000	-68.59	1.65	-66.94	-13.00	-53.94	peak	V
5	601.5000	-65.51	6.63	-58.88	-13.00	-45.88	peak	V
6	700.0000	-79.37	10.11	-69.26	-13.00	-56.26	peak	V
7	3280.000	-70.89	15.65	-55.24	-13.00	-42.24	peak	V
8	4732.000	-73.84	19.54	-54.30	-13.00	-41.30	peak	V
9	7180.000	-74.01	21.74	-52.27	-13.00	-39.27	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.24	6.63	-62.61	-13.00	-49.61	peak	H
2	200.5000	-64.98	2.48	-62.50	-13.00	-49.50	peak	H
3	330.0000	-63.04	-1.36	-64.40	-13.00	-51.40	peak	H
4	367.5000	-61.76	-0.49	-62.25	-13.00	-49.25	peak	H
5	480.0000	-75.54	4.99	-70.55	-13.00	-57.55	peak	H
6	601.5000	-76.03	6.99	-69.04	-13.00	-56.04	peak	H
7	3292.000	-69.31	12.35	-56.96	-13.00	-43.96	peak	H
8	4756.000	-71.31	15.38	-55.93	-13.00	-42.93	peak	H
9	7168.000	-72.90	24.01	-48.89	-13.00	-35.89	peak	H
1	130.5000	-71.83	19.05	-52.78	-13.00	-39.78	peak	V
2	200.5000	-61.01	9.73	-51.28	-13.00	-38.28	peak	V
3	336.0000	-60.81	0.50	-60.31	-13.00	-47.31	peak	V
4	480.0000	-69.03	1.65	-67.38	-13.00	-54.38	peak	V
5	601.5000	-66.16	6.63	-59.53	-13.00	-46.53	peak	V
6	668.0000	-76.73	9.17	-67.56	-13.00	-54.56	peak	V
7	3280.000	-70.35	15.65	-54.70	-13.00	-41.70	peak	V
8	4756.000	-73.35	19.59	-53.76	-13.00	-40.76	peak	V
9	7132.000	-74.01	21.65	-52.36	-13.00	-39.36	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	714.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.0000	-73.18	7.03	-66.15	-13.00	-53.15	peak	H
2	208.5000	-62.67	0.43	-62.24	-13.00	-49.24	peak	H
3	332.5000	-62.46	-1.32	-63.78	-13.00	-50.78	peak	H
4	367.5000	-62.83	-0.49	-63.32	-13.00	-50.32	peak	H
5	501.0000	-78.46	6.21	-72.25	-13.00	-59.25	peak	H
6	601.5000	-74.26	6.99	-67.27	-13.00	-54.27	peak	H
7	3280.000	-70.64	12.31	-58.33	-13.00	-45.33	peak	H
8	4720.000	-74.81	15.18	-59.63	-13.00	-46.63	peak	H
9	7156.000	-74.33	23.97	-50.36	-13.00	-37.36	peak	H
1	156.0000	-68.25	17.09	-51.16	-13.00	-38.16	peak	V
2	200.5000	-60.24	9.73	-50.51	-13.00	-37.51	peak	V
3	336.0000	-63.04	0.50	-62.54	-13.00	-49.54	peak	V
4	480.0000	-68.66	1.65	-67.01	-13.00	-54.01	peak	V
5	601.5000	-65.61	6.63	-58.98	-13.00	-45.98	peak	V
6	668.0000	-76.08	9.17	-66.91	-13.00	-53.91	peak	V
7	3280.000	-70.45	15.65	-54.80	-13.00	-41.80	peak	V
8	4804.000	-74.36	19.67	-54.69	-13.00	-41.69	peak	V
9	7060.000	-73.90	21.54	-52.36	-13.00	-39.36	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	701.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-68.43	5.10	-63.33	-13.00	-50.33	peak	H
2	200.5000	-69.06	2.48	-66.58	-13.00	-53.58	peak	H
3	367.5000	-62.90	-0.49	-63.39	-13.00	-50.39	peak	H
4	467.5000	-74.68	4.36	-70.32	-13.00	-57.32	peak	H
5	601.5000	-76.10	6.99	-69.11	-13.00	-56.11	peak	H
6	701.5000	-78.83	6.91	-71.92	-13.00	-58.92	peak	H
7	3292.000	-71.89	12.35	-59.54	-13.00	-46.54	peak	H
8	4684.000	-74.60	14.98	-59.62	-13.00	-46.62	peak	H
9	7108.000	-72.49	23.84	-48.65	-13.00	-35.65	peak	H
1	157.5000	-66.72	17.72	-49.00	-13.00	-36.00	peak	V
2	200.5000	-61.95	9.73	-52.22	-13.00	-39.22	peak	V
3	336.0000	-63.38	0.50	-62.88	-13.00	-49.88	peak	V
4	480.0000	-70.50	1.65	-68.85	-13.00	-55.85	peak	V
5	601.5000	-66.62	6.63	-59.99	-13.00	-46.99	peak	V
6	672.0000	-75.90	9.23	-66.67	-13.00	-53.67	peak	V
7	3316.000	-69.55	15.87	-53.68	-13.00	-40.68	peak	V
8	4732.000	-73.36	19.54	-53.82	-13.00	-40.82	peak	V
9	7108.000	-73.26	21.63	-51.63	-13.00	-38.63	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-70.90	6.26	-64.64	-13.00	-51.64	peak	H
2	207.0000	-65.10	0.82	-64.28	-13.00	-51.28	peak	H
3	367.5000	-62.89	-0.49	-63.38	-13.00	-50.38	peak	H
4	467.5000	-75.25	4.36	-70.89	-13.00	-57.89	peak	H
5	601.5000	-76.39	6.99	-69.40	-13.00	-56.40	peak	H
6	701.5000	-77.11	6.91	-70.20	-13.00	-57.20	peak	H
7	3232.000	-70.74	12.16	-58.58	-13.00	-45.58	peak	H
8	4684.000	-73.91	14.98	-58.93	-13.00	-45.93	peak	H
9	7120.000	-75.23	23.86	-51.37	-13.00	-38.37	peak	H
1	135.0000	-73.26	17.23	-56.03	-13.00	-43.03	peak	V
2	200.5000	-61.97	9.73	-52.24	-13.00	-39.24	peak	V
3	336.0000	-62.74	0.50	-62.24	-13.00	-49.24	peak	V
4	480.0000	-70.11	1.65	-68.46	-13.00	-55.46	peak	V
5	601.5000	-66.15	6.63	-59.52	-13.00	-46.52	peak	V
6	668.0000	-77.33	9.17	-68.16	-13.00	-55.16	peak	V
7	3280.000	-71.03	15.65	-55.38	-13.00	-42.38	peak	V
8	4768.000	-73.61	19.61	-54.00	-13.00	-41.00	peak	V
9	7120.000	-73.28	21.63	-51.65	-13.00	-38.65	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-72.19	6.13	-66.06	-13.00	-53.06	peak	H
2	209.5000	-61.08	0.18	-60.90	-13.00	-47.90	peak	H
3	328.0000	-60.89	-1.37	-62.26	-13.00	-49.26	peak	H
4	467.5000	-74.06	4.36	-69.70	-13.00	-56.70	peak	H
5	601.5000	-73.93	6.99	-66.94	-13.00	-53.94	peak	H
6	701.5000	-77.04	6.91	-70.13	-13.00	-57.13	peak	H
7	3280.000	-71.35	12.31	-59.04	-13.00	-46.04	peak	H
8	4708.000	-72.12	15.11	-57.01	-13.00	-44.01	peak	H
9	7156.000	-74.02	23.97	-50.05	-13.00	-37.05	peak	H
1	130.5000	-76.30	19.05	-57.25	-13.00	-44.25	peak	V
2	200.5000	-61.21	9.73	-51.48	-13.00	-38.48	peak	V
3	336.0000	-61.33	0.50	-60.83	-13.00	-47.83	peak	V
4	467.5000	-74.10	1.29	-72.81	-13.00	-59.81	peak	V
5	568.0000	-73.35	4.01	-69.34	-13.00	-56.34	peak	V
6	668.0000	-77.39	9.17	-68.22	-13.00	-55.22	peak	V
7	3316.000	-70.38	15.87	-54.51	-13.00	-41.51	peak	V
8	4756.000	-74.04	19.59	-54.45	-13.00	-41.45	peak	V
9	7156.000	-73.20	21.69	-51.51	-13.00	-38.51	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	704.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.06	6.63	-62.43	-13.00	-49.43	peak	H
2	200.5000	-68.44	2.48	-65.96	-13.00	-52.96	peak	H
3	327.0000	-66.00	-1.38	-67.38	-13.00	-54.38	peak	H
4	367.5000	-62.26	-0.49	-62.75	-13.00	-49.75	peak	H
5	467.5000	-75.58	4.36	-71.22	-13.00	-58.22	peak	H
6	601.5000	-73.69	6.99	-66.70	-13.00	-53.70	peak	H
7	3268.000	-72.13	12.26	-59.87	-13.00	-46.87	peak	H
8	4708.000	-73.09	15.11	-57.98	-13.00	-44.98	peak	H
9	7156.000	-74.39	23.97	-50.42	-13.00	-37.42	peak	H
1	150.0000	-67.76	14.59	-53.17	-13.00	-40.17	peak	V
2	200.5000	-62.46	9.73	-52.73	-13.00	-39.73	peak	V
3	336.0000	-62.76	0.50	-62.26	-13.00	-49.26	peak	V
4	501.0000	-69.82	1.96	-67.86	-13.00	-54.86	peak	V
5	601.5000	-67.80	6.63	-61.17	-13.00	-48.17	peak	V
6	720.0000	-77.90	10.76	-67.14	-13.00	-54.14	peak	V
7	3292.000	-72.21	15.73	-56.48	-13.00	-43.48	peak	V
8	4732.000	-74.31	19.54	-54.77	-13.00	-41.77	peak	V
9	7084.000	-75.40	21.57	-53.83	-13.00	-40.83	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-75.70	6.90	-68.80	-13.00	-55.80	peak	H
2	200.5000	-65.85	2.48	-63.37	-13.00	-50.37	peak	H
3	367.5000	-62.67	-0.49	-63.16	-13.00	-50.16	peak	H
4	467.5000	-74.41	4.36	-70.05	-13.00	-57.05	peak	H
5	601.5000	-74.83	6.99	-67.84	-13.00	-54.84	peak	H
6	668.0000	-79.92	6.82	-73.10	-13.00	-60.10	peak	H
7	3280.000	-71.00	12.31	-58.69	-13.00	-45.69	peak	H
8	4684.000	-73.53	14.98	-58.55	-13.00	-45.55	peak	H
9	7084.000	-75.69	23.76	-51.93	-13.00	-38.93	peak	H
1	149.5000	-67.71	14.63	-53.08	-13.00	-40.08	peak	V
2	200.5000	-68.22	9.73	-58.49	-13.00	-45.49	peak	V
3	341.0000	-64.70	0.56	-64.14	-13.00	-51.14	peak	V
4	480.0000	-69.99	1.65	-68.34	-13.00	-55.34	peak	V
5	601.5000	-67.36	6.63	-60.73	-13.00	-47.73	peak	V
6	716.0000	-78.43	10.63	-67.80	-13.00	-54.80	peak	V
7	3328.000	-70.86	15.95	-54.91	-13.00	-41.91	peak	V
8	4720.000	-73.51	19.52	-53.99	-13.00	-40.99	peak	V
9	7108.000	-73.42	21.63	-51.79	-13.00	-38.79	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.83	6.38	-62.45	-13.00	-49.45	peak	H
2	200.5000	-65.37	2.48	-62.89	-13.00	-49.89	peak	H
3	367.5000	-62.40	-0.49	-62.89	-13.00	-49.89	peak	H
4	467.5000	-74.02	4.36	-69.66	-13.00	-56.66	peak	H
5	601.5000	-75.76	6.99	-68.77	-13.00	-55.77	peak	H
6	701.5000	-78.71	6.91	-71.80	-13.00	-58.80	peak	H
7	3280.000	-69.44	12.31	-57.13	-13.00	-44.13	peak	H
8	4708.000	-73.66	15.11	-58.55	-13.00	-45.55	peak	H
9	7108.000	-72.76	23.84	-48.92	-13.00	-35.92	peak	H
1	157.5000	-66.36	17.72	-48.64	-13.00	-35.64	peak	V
2	200.5000	-66.06	9.73	-56.33	-13.00	-43.33	peak	V
3	334.5000	-62.49	0.51	-61.98	-13.00	-48.98	peak	V
4	480.0000	-68.10	1.65	-66.45	-13.00	-53.45	peak	V
5	601.5000	-68.17	6.63	-61.54	-13.00	-48.54	peak	V
6	701.5000	-77.57	10.16	-67.41	-13.00	-54.41	peak	V
7	3340.000	-71.21	16.02	-55.19	-13.00	-42.19	peak	V
8	4732.000	-74.29	19.54	-54.75	-13.00	-41.75	peak	V
9	7108.000	-74.92	21.63	-53.29	-13.00	-40.29	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	699.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-67.58	5.10	-62.48	-13.00	-49.48	peak	H
2	200.5000	-65.40	2.48	-62.92	-13.00	-49.92	peak	H
3	367.5000	-62.28	-0.49	-62.77	-13.00	-49.77	peak	H
4	480.0000	-74.82	4.99	-69.83	-13.00	-56.83	peak	H
5	601.5000	-74.07	6.99	-67.08	-13.00	-54.08	peak	H
6	701.5000	-79.22	6.91	-72.31	-13.00	-59.31	peak	H
7	3316.000	-72.71	12.41	-60.30	-13.00	-47.30	peak	H
8	4684.000	-73.03	14.98	-58.05	-13.00	-45.05	peak	H
9	7060.000	-75.50	23.69	-51.81	-13.00	-38.81	peak	H
1	157.5000	-67.12	17.72	-49.40	-13.00	-36.40	peak	V
2	200.5000	-60.27	9.73	-50.54	-13.00	-37.54	peak	V
3	336.0000	-62.87	0.50	-62.37	-13.00	-49.37	peak	V
4	480.0000	-69.16	1.65	-67.51	-13.00	-54.51	peak	V
5	601.5000	-66.50	6.63	-59.87	-13.00	-46.87	peak	V
6	672.0000	-77.68	9.23	-68.45	-13.00	-55.45	peak	V
7	3292.000	-72.24	15.73	-56.51	-13.00	-43.51	peak	V
8	4720.000	-74.18	19.52	-54.66	-13.00	-41.66	peak	V
9	7108.000	-73.41	21.63	-51.78	-13.00	-38.78	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.5000	-71.49	5.61	-65.88	-13.00	-52.88	peak	H
2	209.0000	-61.10	0.30	-60.80	-13.00	-47.80	peak	H
3	367.5000	-62.69	-0.49	-63.18	-13.00	-50.18	peak	H
4	467.5000	-73.56	4.36	-69.20	-13.00	-56.20	peak	H
5	601.5000	-74.24	6.99	-67.25	-13.00	-54.25	peak	H
6	668.0000	-79.00	6.82	-72.18	-13.00	-59.18	peak	H
7	3316.000	-71.18	12.41	-58.77	-13.00	-45.77	peak	H
8	4720.000	-74.08	15.18	-58.90	-13.00	-45.90	peak	H
9	7084.000	-75.66	23.76	-51.90	-13.00	-38.90	peak	H
1	157.5000	-67.50	17.72	-49.78	-13.00	-36.78	peak	V
2	200.5000	-59.39	9.73	-49.66	-13.00	-36.66	peak	V
3	336.0000	-61.23	0.50	-60.73	-13.00	-47.73	peak	V
4	480.0000	-68.33	1.65	-66.68	-13.00	-53.68	peak	V
5	601.5000	-65.67	6.63	-59.04	-13.00	-46.04	peak	V
6	720.0000	-76.98	10.76	-66.22	-13.00	-53.22	peak	V
7	3280.000	-72.78	15.65	-57.13	-13.00	-44.13	peak	V
8	4720.000	-74.49	19.52	-54.97	-13.00	-41.97	peak	V
9	7180.000	-74.17	21.74	-52.43	-13.00	-39.43	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/04/2014
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	715.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.36	6.51	-62.85	-13.00	-49.85	peak	H
2	209.0000	-61.06	0.30	-60.76	-13.00	-47.76	peak	H
3	367.5000	-61.95	-0.49	-62.44	-13.00	-49.44	peak	H
4	467.5000	-73.76	4.36	-69.40	-13.00	-56.40	peak	H
5	601.5000	-75.26	6.99	-68.27	-13.00	-55.27	peak	H
6	701.5000	-78.30	6.91	-71.39	-13.00	-58.39	peak	H
7	3244.000	-70.84	12.19	-58.65	-13.00	-45.65	peak	H
8	4732.000	-75.17	15.24	-59.93	-13.00	-46.93	peak	H
9	7168.000	-75.28	24.01	-51.27	-13.00	-38.27	peak	H
1	157.5000	-68.39	17.72	-50.67	-13.00	-37.67	peak	V
2	200.5000	-60.89	9.73	-51.16	-13.00	-38.16	peak	V
3	336.0000	-60.39	0.50	-59.89	-13.00	-46.89	peak	V
4	480.0000	-69.96	1.65	-68.31	-13.00	-55.31	peak	V
5	601.5000	-66.03	6.63	-59.40	-13.00	-46.40	peak	V
6	668.0000	-76.70	9.17	-67.53	-13.00	-54.53	peak	V
7	3292.000	-71.75	15.73	-56.02	-13.00	-43.02	peak	V
8	4768.000	-73.94	19.61	-54.33	-13.00	-41.33	peak	V
9	7168.000	-74.48	21.72	-52.76	-13.00	-39.76	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	700.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	204.5000	-62.81	1.47	-61.34	-13.00	-48.34	peak	H
2	321.0000	-65.05	-1.47	-66.52	-13.00	-53.52	peak	H
3	367.5000	-62.05	-0.49	-62.54	-13.00	-49.54	peak	H
4	467.5000	-74.72	4.36	-70.36	-13.00	-57.36	peak	H
5	601.5000	-75.08	6.99	-68.09	-13.00	-55.09	peak	H
6	720.0000	-78.98	7.39	-71.59	-13.00	-58.59	peak	H
7	3328.000	-71.00	12.45	-58.55	-13.00	-45.55	peak	H
8	4708.000	-73.32	15.11	-58.21	-13.00	-45.21	peak	H
9	7120.000	-73.41	23.86	-49.55	-13.00	-36.55	peak	H
1	149.5000	-66.45	14.63	-51.82	-13.00	-38.82	peak	V
2	200.5000	-62.34	9.73	-52.61	-13.00	-39.61	peak	V
3	336.0000	-62.48	0.50	-61.98	-13.00	-48.98	peak	V
4	480.0000	-67.91	1.65	-66.26	-13.00	-53.26	peak	V
5	601.5000	-65.86	6.63	-59.23	-13.00	-46.23	peak	V
6	720.0000	-78.04	10.76	-67.28	-13.00	-54.28	peak	V
7	3268.000	-70.38	15.57	-54.81	-13.00	-41.81	peak	V
8	4720.000	-72.60	19.52	-53.08	-13.00	-40.08	peak	V
9	7120.000	-73.61	21.63	-51.98	-13.00	-38.98	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-69.91	6.38	-63.53	-13.00	-50.53	peak	H
2	200.5000	-65.10	2.48	-62.62	-13.00	-49.62	peak	H
3	333.5000	-63.19	-1.31	-64.50	-13.00	-51.50	peak	H
4	367.5000	-62.20	-0.49	-62.69	-13.00	-49.69	peak	H
5	467.5000	-74.59	4.36	-70.23	-13.00	-57.23	peak	H
6	601.5000	-75.75	6.99	-68.76	-13.00	-55.76	peak	H
7	3280.000	-70.17	12.31	-57.86	-13.00	-44.86	peak	H
8	4720.000	-73.77	15.18	-58.59	-13.00	-45.59	peak	H
9	7168.000	-74.83	24.01	-50.82	-13.00	-37.82	peak	H
1	156.0000	-67.87	17.09	-50.78	-13.00	-37.78	peak	V
2	200.5000	-66.10	9.73	-56.37	-13.00	-43.37	peak	V
3	336.0000	-61.67	0.50	-61.17	-13.00	-48.17	peak	V
4	480.0000	-69.09	1.65	-67.44	-13.00	-54.44	peak	V
5	601.5000	-65.61	6.63	-58.98	-13.00	-45.98	peak	V
6	668.0000	-76.97	9.17	-67.80	-13.00	-54.80	peak	V
7	3280.000	-70.77	15.65	-55.12	-13.00	-42.12	peak	V
8	4756.000	-73.79	19.59	-54.20	-13.00	-41.20	peak	V
9	7108.000	-72.97	21.63	-51.34	-13.00	-38.34	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	714.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-71.89	6.90	-64.99	-13.00	-51.99	peak	H
2	200.5000	-65.12	2.48	-62.64	-13.00	-49.64	peak	H
3	367.5000	-62.96	-0.49	-63.45	-13.00	-50.45	peak	H
4	467.5000	-73.72	4.36	-69.36	-13.00	-56.36	peak	H
5	601.5000	-74.69	6.99	-67.70	-13.00	-54.70	peak	H
6	720.0000	-77.36	7.39	-69.97	-13.00	-56.97	peak	H
7	3292.000	-71.07	12.35	-58.72	-13.00	-45.72	peak	H
8	4720.000	-73.43	15.18	-58.25	-13.00	-45.25	peak	H
9	7072.000	-73.01	23.73	-49.28	-13.00	-36.28	peak	H
1	129.0000	-74.97	18.07	-56.90	-13.00	-43.90	peak	V
2	157.5000	-72.41	17.72	-54.69	-13.00	-41.69	peak	V
3	336.0000	-62.23	0.50	-61.73	-13.00	-48.73	peak	V
4	480.0000	-70.54	1.65	-68.89	-13.00	-55.89	peak	V
5	601.5000	-68.17	6.63	-61.54	-13.00	-48.54	peak	V
6	668.0000	-76.83	9.17	-67.66	-13.00	-54.66	peak	V
7	3328.000	-71.13	15.95	-55.18	-13.00	-42.18	peak	V
8	4720.000	-74.04	19.52	-54.52	-13.00	-41.52	peak	V
9	7168.000	-74.26	21.72	-52.54	-13.00	-39.54	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	701.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.60	6.38	-62.22	-13.00	-49.22	peak	H
2	200.5000	-64.22	2.48	-61.74	-13.00	-48.74	peak	H
3	367.5000	-62.36	-0.49	-62.85	-13.00	-49.85	peak	H
4	467.5000	-74.08	4.36	-69.72	-13.00	-56.72	peak	H
5	601.5000	-74.62	6.99	-67.63	-13.00	-54.63	peak	H
6	668.0000	-78.44	6.82	-71.62	-13.00	-58.62	peak	H
7	3280.000	-69.73	12.31	-57.42	-13.00	-44.42	peak	H
8	4756.000	-73.55	15.38	-58.17	-13.00	-45.17	peak	H
9	7024.000	-74.96	23.59	-51.37	-13.00	-38.37	peak	H
1	129.0000	-72.01	18.07	-53.94	-13.00	-40.94	peak	V
2	200.5000	-61.16	9.73	-51.43	-13.00	-38.43	peak	V
3	333.5000	-62.25	0.51	-61.74	-13.00	-48.74	peak	V
4	480.0000	-69.47	1.65	-67.82	-13.00	-54.82	peak	V
5	601.5000	-66.41	6.63	-59.78	-13.00	-46.78	peak	V
6	720.0000	-77.61	10.76	-66.85	-13.00	-53.85	peak	V
7	3292.000	-70.94	15.73	-55.21	-13.00	-42.21	peak	V
8	4816.000	-74.84	19.70	-55.14	-13.00	-42.14	peak	V
9	7132.000	-74.81	21.65	-53.16	-13.00	-40.16	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.0000	-71.21	5.75	-65.46	-13.00	-52.46	peak	H
2	203.5000	-64.11	1.71	-62.40	-13.00	-49.40	peak	H
3	367.5000	-62.00	-0.49	-62.49	-13.00	-49.49	peak	H
4	467.5000	-73.94	4.36	-69.58	-13.00	-56.58	peak	H
5	601.5000	-76.38	6.99	-69.39	-13.00	-56.39	peak	H
6	668.0000	-78.22	6.82	-71.40	-13.00	-58.40	peak	H
7	3268.000	-71.52	12.26	-59.26	-13.00	-46.26	peak	H
8	4732.000	-74.45	15.24	-59.21	-13.00	-46.21	peak	H
9	7120.000	-74.44	23.86	-50.58	-13.00	-37.58	peak	H
1	128.0000	-75.91	16.91	-59.00	-13.00	-46.00	peak	V
2	200.5000	-60.81	9.73	-51.08	-13.00	-38.08	peak	V
3	336.0000	-62.39	0.50	-61.89	-13.00	-48.89	peak	V
4	480.0000	-68.96	1.65	-67.31	-13.00	-54.31	peak	V
5	601.5000	-66.11	6.63	-59.48	-13.00	-46.48	peak	V
6	720.0000	-77.65	10.76	-66.89	-13.00	-53.89	peak	V
7	3280.000	-70.37	15.65	-54.72	-13.00	-41.72	peak	V
8	4732.000	-72.91	19.54	-53.37	-13.00	-40.37	peak	V
9	7120.000	-73.09	21.63	-51.46	-13.00	-38.46	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.63	6.90	-62.73	-13.00	-49.73	peak	H
2	200.5000	-66.27	2.48	-63.79	-13.00	-50.79	peak	H
3	367.5000	-63.45	-0.49	-63.94	-13.00	-50.94	peak	H
4	467.5000	-74.54	4.36	-70.18	-13.00	-57.18	peak	H
5	601.5000	-75.67	6.99	-68.68	-13.00	-55.68	peak	H
6	635.0000	-78.22	6.51	-71.71	-13.00	-58.71	peak	H
7	3244.000	-71.31	12.19	-59.12	-13.00	-46.12	peak	H
8	4720.000	-74.09	15.18	-58.91	-13.00	-45.91	peak	H
9	7132.000	-73.16	23.89	-49.27	-13.00	-36.27	peak	H
1	130.5000	-71.63	19.05	-52.58	-13.00	-39.58	peak	V
2	157.5000	-71.07	17.72	-53.35	-13.00	-40.35	peak	V
3	200.5000	-63.71	9.73	-53.98	-13.00	-40.98	peak	V
4	336.0000	-60.67	0.50	-60.17	-13.00	-47.17	peak	V
5	480.0000	-69.46	1.65	-67.81	-13.00	-54.81	peak	V
6	601.5000	-67.39	6.63	-60.76	-13.00	-47.76	peak	V
7	3292.000	-71.75	15.73	-56.02	-13.00	-43.02	peak	V
8	4756.000	-74.45	19.59	-54.86	-13.00	-41.86	peak	V
9	7168.000	-74.34	21.72	-52.62	-13.00	-39.62	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	704.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-70.08	6.90	-63.18	-13.00	-50.18	peak	H
2	214.5000	-62.39	-0.39	-62.78	-13.00	-49.78	peak	H
3	367.5000	-62.03	-0.49	-62.52	-13.00	-49.52	peak	H
4	467.5000	-74.02	4.36	-69.66	-13.00	-56.66	peak	H
5	601.5000	-75.60	6.99	-68.61	-13.00	-55.61	peak	H
6	701.5000	-78.91	6.91	-72.00	-13.00	-59.00	peak	H
7	3328.000	-70.65	12.45	-58.20	-13.00	-45.20	peak	H
8	4756.000	-73.11	15.38	-57.73	-13.00	-44.73	peak	H
9	7108.000	-74.46	23.84	-50.62	-13.00	-37.62	peak	H
1	131.5000	-71.05	18.66	-52.39	-13.00	-39.39	peak	V
2	200.5000	-61.54	9.73	-51.81	-13.00	-38.81	peak	V
3	336.0000	-62.04	0.50	-61.54	-13.00	-48.54	peak	V
4	480.0000	-69.95	1.65	-68.30	-13.00	-55.30	peak	V
5	601.5000	-67.22	6.63	-60.59	-13.00	-47.59	peak	V
6	720.0000	-77.39	10.76	-66.63	-13.00	-53.63	peak	V
7	3280.000	-70.91	15.65	-55.26	-13.00	-42.26	peak	V
8	4684.000	-74.54	19.45	-55.09	-13.00	-42.09	peak	V
9	7120.000	-74.47	21.63	-52.84	-13.00	-39.84	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-74.68	6.90	-67.78	-13.00	-54.78	peak	H
2	209.0000	-62.25	0.30	-61.95	-13.00	-48.95	peak	H
3	327.5000	-61.63	-1.37	-63.00	-13.00	-50.00	peak	H
4	467.5000	-73.81	4.36	-69.45	-13.00	-56.45	peak	H
5	601.5000	-74.55	6.99	-67.56	-13.00	-54.56	peak	H
6	701.5000	-79.45	6.91	-72.54	-13.00	-59.54	peak	H
7	3268.000	-70.60	12.26	-58.34	-13.00	-45.34	peak	H
8	4708.000	-72.83	15.11	-57.72	-13.00	-44.72	peak	H
9	7084.000	-74.48	23.76	-50.72	-13.00	-37.72	peak	H
1	151.5000	-66.90	15.21	-51.69	-13.00	-38.69	peak	V
2	200.5000	-61.14	9.73	-51.41	-13.00	-38.41	peak	V
3	336.0000	-61.69	0.50	-61.19	-13.00	-48.19	peak	V
4	480.0000	-69.50	1.65	-67.85	-13.00	-54.85	peak	V
5	601.5000	-66.26	6.63	-59.63	-13.00	-46.63	peak	V
6	720.0000	-78.59	10.76	-67.83	-13.00	-54.83	peak	V
7	3280.000	-71.00	15.65	-55.35	-13.00	-42.35	peak	V
8	4708.000	-74.66	19.49	-55.17	-13.00	-42.17	peak	V
9	7132.000	-73.99	21.65	-52.34	-13.00	-39.34	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 12	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.60	6.51	-62.09	-13.00	-49.09	peak	H
2	200.5000	-67.11	2.48	-64.63	-13.00	-51.63	peak	H
3	367.5000	-62.25	-0.49	-62.74	-13.00	-49.74	peak	H
4	467.5000	-74.18	4.36	-69.82	-13.00	-56.82	peak	H
5	601.5000	-74.20	6.99	-67.21	-13.00	-54.21	peak	H
6	720.0000	-79.29	7.39	-71.90	-13.00	-58.90	peak	H
7	3292.000	-69.40	12.35	-57.05	-13.00	-44.05	peak	H
8	4720.000	-74.39	15.18	-59.21	-13.00	-46.21	peak	H
9	7132.000	-75.11	23.89	-51.22	-13.00	-38.22	peak	H
1	132.0000	-71.54	18.46	-53.08	-13.00	-40.08	peak	V
2	200.5000	-61.88	9.73	-52.15	-13.00	-39.15	peak	V
3	336.0000	-61.95	0.50	-61.45	-13.00	-48.45	peak	V
4	480.0000	-68.54	1.65	-66.89	-13.00	-53.89	peak	V
5	601.5000	-66.68	6.63	-60.05	-13.00	-47.05	peak	V
6	720.0000	-77.67	10.76	-66.91	-13.00	-53.91	peak	V
7	3292.000	-71.08	15.73	-55.35	-13.00	-42.35	peak	V
8	4732.000	-73.34	19.54	-53.80	-13.00	-40.80	peak	V
9	7204.000	-74.50	21.76	-52.74	-13.00	-39.74	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	779.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.23	6.90	-62.33	-13.00	-49.33	peak	H
2	200.5000	-65.55	2.48	-63.07	-13.00	-50.07	peak	H
3	367.5000	-63.15	-0.49	-63.64	-13.00	-50.64	peak	H
4	467.5000	-74.47	4.36	-70.11	-13.00	-57.11	peak	H
5	601.5000	-76.61	6.99	-69.62	-13.00	-56.62	peak	H
6	720.0000	-77.71	7.39	-70.32	-13.00	-57.32	peak	H
7	3328.000	-70.80	12.45	-58.35	-13.00	-45.35	peak	H
8	4732.000	-74.81	15.24	-59.57	-13.00	-46.57	peak	H
9	7108.000	-75.28	23.84	-51.44	-13.00	-38.44	peak	H
1	154.0000	-69.33	16.26	-53.07	-13.00	-40.07	peak	V
2	200.5000	-67.62	9.73	-57.89	-13.00	-44.89	peak	V
3	336.0000	-62.46	0.50	-61.96	-13.00	-48.96	peak	V
4	480.0000	-68.80	1.65	-67.15	-13.00	-54.15	peak	V
5	601.5000	-69.39	6.63	-62.76	-13.00	-49.76	peak	V
6	720.0000	-79.41	10.76	-68.65	-13.00	-55.65	peak	V
7	3244.000	-70.81	15.43	-55.38	-13.00	-42.38	peak	V
8	4732.000	-73.20	19.54	-53.66	-13.00	-40.66	peak	V
9	7072.000	-73.51	21.56	-51.95	-13.00	-38.95	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.46	6.90	-62.56	-13.00	-49.56	peak	H
2	202.0000	-67.49	2.09	-65.40	-13.00	-52.40	peak	H
3	367.5000	-62.75	-0.49	-63.24	-13.00	-50.24	peak	H
4	467.5000	-74.44	4.36	-70.08	-13.00	-57.08	peak	H
5	601.5000	-76.45	6.99	-69.46	-13.00	-56.46	peak	H
6	735.0000	-79.72	7.90	-71.82	-13.00	-58.82	peak	H
7	3244.000	-69.58	12.19	-57.39	-13.00	-44.39	peak	H
8	4732.000	-73.33	15.24	-58.09	-13.00	-45.09	peak	H
9	7156.000	-73.71	23.97	-49.74	-13.00	-36.74	peak	H
1	151.0000	-67.85	15.01	-52.84	-13.00	-39.84	peak	V
2	200.5000	-62.72	9.73	-52.99	-13.00	-39.99	peak	V
3	336.0000	-62.67	0.50	-62.17	-13.00	-49.17	peak	V
4	480.0000	-69.69	1.65	-68.04	-13.00	-55.04	peak	V
5	601.5000	-68.36	6.63	-61.73	-13.00	-48.73	peak	V
6	720.0000	-78.30	10.76	-67.54	-13.00	-54.54	peak	V
7	3316.000	-70.91	15.87	-55.04	-13.00	-42.04	peak	V
8	4708.000	-73.38	19.49	-53.89	-13.00	-40.89	peak	V
9	7084.000	-73.37	21.57	-51.80	-13.00	-38.80	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	784.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-68.42	6.63	-61.79	-13.00	-48.79	peak	H
2	200.5000	-69.25	2.48	-66.77	-13.00	-53.77	peak	H
3	367.5000	-62.35	-0.49	-62.84	-13.00	-49.84	peak	H
4	467.5000	-74.87	4.36	-70.51	-13.00	-57.51	peak	H
5	601.5000	-75.20	6.99	-68.21	-13.00	-55.21	peak	H
6	735.0000	-80.64	7.90	-72.74	-13.00	-59.74	peak	H
7	3280.000	-71.18	12.31	-58.87	-13.00	-45.87	peak	H
8	4720.000	-73.42	15.18	-58.24	-13.00	-45.24	peak	H
9	7120.000	-73.87	23.86	-50.01	-13.00	-37.01	peak	H
1	155.5000	-68.05	16.88	-51.17	-13.00	-38.17	peak	V
2	200.5000	-62.03	9.73	-52.30	-13.00	-39.30	peak	V
3	336.0000	-62.33	0.50	-61.83	-13.00	-48.83	peak	V
4	480.0000	-68.10	1.65	-66.45	-13.00	-53.45	peak	V
5	601.5000	-66.70	6.63	-60.07	-13.00	-47.07	peak	V
6	668.0000	-76.17	9.17	-67.00	-13.00	-54.00	peak	V
7	3268.000	-69.71	15.57	-54.14	-13.00	-41.14	peak	V
8	4708.000	-72.64	19.49	-53.15	-13.00	-40.15	peak	V
9	7168.000	-74.57	21.72	-52.85	-13.00	-39.85	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.55	6.90	-62.65	-13.00	-49.65	peak	H
2	203.5000	-64.24	1.71	-62.53	-13.00	-49.53	peak	H
3	367.5000	-62.11	-0.49	-62.60	-13.00	-49.60	peak	H
4	467.5000	-75.26	4.36	-70.90	-13.00	-57.90	peak	H
5	601.5000	-75.17	6.99	-68.18	-13.00	-55.18	peak	H
6	720.0000	-76.91	7.39	-69.52	-13.00	-56.52	peak	H
7	3316.000	-70.24	12.41	-57.83	-13.00	-44.83	peak	H
8	4732.000	-72.81	15.24	-57.57	-13.00	-44.57	peak	H
9	7108.000	-74.16	23.84	-50.32	-13.00	-37.32	peak	H
1	157.5000	-68.15	17.72	-50.43	-13.00	-37.43	peak	V
2	200.5000	-61.47	9.73	-51.74	-13.00	-38.74	peak	V
3	336.5000	-61.74	0.51	-61.23	-13.00	-48.23	peak	V
4	480.0000	-68.81	1.65	-67.16	-13.00	-54.16	peak	V
5	601.5000	-66.89	6.63	-60.26	-13.00	-47.26	peak	V
6	720.0000	-78.04	10.76	-67.28	-13.00	-54.28	peak	V
7	3292.000	-71.58	15.73	-55.85	-13.00	-42.85	peak	V
8	4780.000	-73.89	19.63	-54.26	-13.00	-41.26	peak	V
9	7132.000	-73.07	21.65	-51.42	-13.00	-38.42	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	779.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-70.00	6.90	-63.10	-13.00	-50.10	peak	H
2	203.5000	-64.58	1.71	-62.87	-13.00	-49.87	peak	H
3	315.0000	-64.29	-1.85	-66.14	-13.00	-53.14	peak	H
4	367.5000	-62.47	-0.49	-62.96	-13.00	-49.96	peak	H
5	467.5000	-74.17	4.36	-69.81	-13.00	-56.81	peak	H
6	601.5000	-76.41	6.99	-69.42	-13.00	-56.42	peak	H
7	3316.000	-70.53	12.41	-58.12	-13.00	-45.12	peak	H
8	4768.000	-73.70	15.44	-58.26	-13.00	-45.26	peak	H
9	7132.000	-74.85	23.89	-50.96	-13.00	-37.96	peak	H
1	129.0000	-70.61	18.07	-52.54	-13.00	-39.54	peak	V
2	200.5000	-60.80	9.73	-51.07	-13.00	-38.07	peak	V
3	336.0000	-61.55	0.50	-61.05	-13.00	-48.05	peak	V
4	480.0000	-68.02	1.65	-66.37	-13.00	-53.37	peak	V
5	601.5000	-65.95	6.63	-59.32	-13.00	-46.32	peak	V
6	687.0000	-77.57	9.62	-67.95	-13.00	-54.95	peak	V
7	3340.000	-70.82	16.02	-54.80	-13.00	-41.80	peak	V
8	4756.000	-72.87	19.59	-53.28	-13.00	-40.28	peak	V
9	7120.000	-74.67	21.63	-53.04	-13.00	-40.04	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	162.5000	-71.80	5.20	-66.60	-13.00	-53.60	peak	H
2	203.0000	-64.89	1.85	-63.04	-13.00	-50.04	peak	H
3	367.5000	-62.42	-0.49	-62.91	-13.00	-49.91	peak	H
4	467.5000	-74.63	4.36	-70.27	-13.00	-57.27	peak	H
5	601.5000	-75.67	6.99	-68.68	-13.00	-55.68	peak	H
6	735.0000	-79.41	7.90	-71.51	-13.00	-58.51	peak	H
7	3316.000	-71.18	12.41	-58.77	-13.00	-45.77	peak	H
8	4756.000	-73.04	15.38	-57.66	-13.00	-44.66	peak	H
9	7132.000	-75.01	23.89	-51.12	-13.00	-38.12	peak	H
1	157.5000	-71.23	17.72	-53.51	-13.00	-40.51	peak	V
2	200.5000	-62.65	9.73	-52.92	-13.00	-39.92	peak	V
3	334.0000	-61.96	0.50	-61.46	-13.00	-48.46	peak	V
4	480.0000	-68.64	1.65	-66.99	-13.00	-53.99	peak	V
5	601.5000	-68.14	6.63	-61.51	-13.00	-48.51	peak	V
6	720.0000	-78.44	10.76	-67.68	-13.00	-54.68	peak	V
7	3292.000	-71.89	15.73	-56.16	-13.00	-43.16	peak	V
8	4684.000	-73.90	19.45	-54.45	-13.00	-41.45	peak	V
9	7036.000	-75.19	21.52	-53.67	-13.00	-40.67	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	784.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-70.97	4.81	-66.16	-13.00	-53.16	peak	H
2	209.5000	-60.71	0.18	-60.53	-13.00	-47.53	peak	H
3	367.5000	-62.27	-0.49	-62.76	-13.00	-49.76	peak	H
4	467.5000	-75.36	4.36	-71.00	-13.00	-58.00	peak	H
5	601.5000	-75.35	6.99	-68.36	-13.00	-55.36	peak	H
6	668.0000	-78.55	6.82	-71.73	-13.00	-58.73	peak	H
7	3268.000	-71.65	12.26	-59.39	-13.00	-46.39	peak	H
8	4720.000	-75.05	15.18	-59.87	-13.00	-46.87	peak	H
9	7132.000	-75.33	23.89	-51.44	-13.00	-38.44	peak	H
1	129.0000	-72.58	18.07	-54.51	-13.00	-41.51	peak	V
2	200.5000	-62.20	9.73	-52.47	-13.00	-39.47	peak	V
3	336.0000	-61.23	0.50	-60.73	-13.00	-47.73	peak	V
4	480.0000	-68.90	1.65	-67.25	-13.00	-54.25	peak	V
5	601.5000	-67.41	6.63	-60.78	-13.00	-47.78	peak	V
6	720.0000	-78.98	10.76	-68.22	-13.00	-55.22	peak	V
7	3328.000	-69.71	15.95	-53.76	-13.00	-40.76	peak	V
8	4708.000	-74.24	19.49	-54.75	-13.00	-41.75	peak	V
9	7084.000	-74.28	21.57	-52.71	-13.00	-39.71	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 13	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-68.18	6.90	-61.28	-13.00	-48.28	peak	H
2	200.5000	-65.04	2.48	-62.56	-13.00	-49.56	peak	H
3	325.0000	-64.30	-1.40	-65.70	-13.00	-52.70	peak	H
4	401.0000	-72.33	1.67	-70.66	-13.00	-57.66	peak	H
5	501.0000	-78.54	6.21	-72.33	-13.00	-59.33	peak	H
6	601.5000	-76.42	6.99	-69.43	-13.00	-56.43	peak	H
7	3292.000	-71.16	12.35	-58.81	-13.00	-45.81	peak	H
8	4732.000	-74.38	15.24	-59.14	-13.00	-46.14	peak	H
9	7120.000	-74.71	23.86	-50.85	-13.00	-37.85	peak	H
1	154.5000	-69.34	16.47	-52.87	-13.00	-39.87	peak	V
2	200.5000	-61.61	9.73	-51.88	-13.00	-38.88	peak	V
3	336.0000	-61.72	0.50	-61.22	-13.00	-48.22	peak	V
4	480.0000	-68.96	1.65	-67.31	-13.00	-54.31	peak	V
5	601.5000	-67.90	6.63	-61.27	-13.00	-48.27	peak	V
6	668.0000	-77.11	9.17	-67.94	-13.00	-54.94	peak	V
7	3316.000	-72.60	15.87	-56.73	-13.00	-43.73	peak	V
8	4768.000	-72.74	19.61	-53.13	-13.00	-40.13	peak	V
9	7156.000	-74.78	21.69	-53.09	-13.00	-40.09	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	706.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.0000	-73.52	7.03	-66.49	-13.00	-53.49	peak	H
2	221.0000	-62.75	-0.96	-63.71	-13.00	-50.71	peak	H
3	328.5000	-61.62	-1.36	-62.98	-13.00	-49.98	peak	H
4	467.5000	-74.27	4.36	-69.91	-13.00	-56.91	peak	H
5	601.5000	-75.63	6.99	-68.64	-13.00	-55.64	peak	H
6	720.0000	-79.31	7.39	-71.92	-13.00	-58.92	peak	H
7	3316.000	-71.32	12.41	-58.91	-13.00	-45.91	peak	H
8	4708.000	-74.50	15.11	-59.39	-13.00	-46.39	peak	H
9	7120.000	-73.96	23.86	-50.10	-13.00	-37.10	peak	H
1	130.5000	-71.37	19.05	-52.32	-13.00	-39.32	peak	V
2	200.5000	-60.43	9.73	-50.70	-13.00	-37.70	peak	V
3	336.0000	-60.49	0.50	-59.99	-13.00	-46.99	peak	V
4	480.0000	-68.20	1.65	-66.55	-13.00	-53.55	peak	V
5	601.5000	-67.06	6.63	-60.43	-13.00	-47.43	peak	V
6	668.0000	-76.87	9.17	-67.70	-13.00	-54.70	peak	V
7	3328.000	-71.03	15.95	-55.08	-13.00	-42.08	peak	V
8	4708.000	-74.05	19.49	-54.56	-13.00	-41.56	peak	V
9	7132.000	-74.28	21.65	-52.63	-13.00	-39.63	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.77	6.90	-66.87	-13.00	-53.87	peak	H
2	200.0000	-71.06	2.61	-68.45	-13.00	-55.45	peak	H
3	367.5000	-62.43	-0.49	-62.92	-13.00	-49.92	peak	H
4	467.5000	-74.37	4.36	-70.01	-13.00	-57.01	peak	H
5	601.5000	-75.60	6.99	-68.61	-13.00	-55.61	peak	H
6	720.0000	-78.43	7.39	-71.04	-13.00	-58.04	peak	H
7	3316.000	-70.79	12.41	-58.38	-13.00	-45.38	peak	H
8	4708.000	-73.56	15.11	-58.45	-13.00	-45.45	peak	H
9	7072.000	-74.51	23.73	-50.78	-13.00	-37.78	peak	H
1	157.5000	-68.19	17.72	-50.47	-13.00	-37.47	peak	V
2	200.5000	-61.79	9.73	-52.06	-13.00	-39.06	peak	V
3	336.0000	-62.90	0.50	-62.40	-13.00	-49.40	peak	V
4	480.0000	-69.25	1.65	-67.60	-13.00	-54.60	peak	V
5	601.5000	-67.52	6.63	-60.89	-13.00	-47.89	peak	V
6	720.0000	-78.93	10.76	-68.17	-13.00	-55.17	peak	V
7	3316.000	-71.04	15.87	-55.17	-13.00	-42.17	peak	V
8	4732.000	-73.53	19.54	-53.99	-13.00	-40.99	peak	V
9	7120.000	-74.39	21.63	-52.76	-13.00	-39.76	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	159.0000	-72.34	7.28	-65.06	-13.00	-52.06	peak	H
2	214.5000	-60.29	-0.39	-60.68	-13.00	-47.68	peak	H
3	367.5000	-62.54	-0.49	-63.03	-13.00	-50.03	peak	H
4	467.5000	-74.08	4.36	-69.72	-13.00	-56.72	peak	H
5	601.5000	-74.97	6.99	-67.98	-13.00	-54.98	peak	H
6	668.0000	-78.84	6.82	-72.02	-13.00	-59.02	peak	H
7	3244.000	-71.46	12.19	-59.27	-13.00	-46.27	peak	H
8	4720.000	-74.01	15.18	-58.83	-13.00	-45.83	peak	H
9	7036.000	-73.14	23.64	-49.50	-13.00	-36.50	peak	H
1	157.5000	-71.83	17.72	-54.11	-13.00	-41.11	peak	V
2	200.5000	-61.93	9.73	-52.20	-13.00	-39.20	peak	V
3	333.5000	-62.50	0.51	-61.99	-13.00	-48.99	peak	V
4	480.0000	-69.27	1.65	-67.62	-13.00	-54.62	peak	V
5	601.5000	-68.09	6.63	-61.46	-13.00	-48.46	peak	V
6	720.0000	-78.25	10.76	-67.49	-13.00	-54.49	peak	V
7	3280.000	-71.23	15.65	-55.58	-13.00	-42.58	peak	V
8	4732.000	-73.96	19.54	-54.42	-13.00	-41.42	peak	V
9	7156.000	-73.81	21.69	-52.12	-13.00	-39.12	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	709.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.64	6.90	-62.74	-13.00	-49.74	peak	H
2	200.5000	-64.34	2.48	-61.86	-13.00	-48.86	peak	H
3	320.0000	-64.31	-1.49	-65.80	-13.00	-52.80	peak	H
4	467.5000	-73.90	4.36	-69.54	-13.00	-56.54	peak	H
5	601.5000	-75.26	6.99	-68.27	-13.00	-55.27	peak	H
6	634.5000	-77.56	6.53	-71.03	-13.00	-58.03	peak	H
7	3328.000	-72.28	12.45	-59.83	-13.00	-46.83	peak	H
8	4708.000	-74.22	15.11	-59.11	-13.00	-46.11	peak	H
9	7132.000	-73.05	23.89	-49.16	-13.00	-36.16	peak	H
1	132.5000	-70.28	18.25	-52.03	-13.00	-39.03	peak	V
2	200.5000	-61.53	9.73	-51.80	-13.00	-38.80	peak	V
3	336.0000	-61.30	0.50	-60.80	-13.00	-47.80	peak	V
4	501.0000	-67.78	1.96	-65.82	-13.00	-52.82	peak	V
5	601.5000	-67.36	6.63	-60.73	-13.00	-47.73	peak	V
6	668.0000	-77.41	9.17	-68.24	-13.00	-55.24	peak	V
7	3328.000	-69.55	15.95	-53.60	-13.00	-40.60	peak	V
8	4732.000	-74.10	19.54	-54.56	-13.00	-41.56	peak	V
9	7168.000	-74.76	21.72	-53.04	-13.00	-40.04	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-71.54	6.00	-65.54	-13.00	-52.54	peak	H
2	214.5000	-61.27	-0.39	-61.66	-13.00	-48.66	peak	H
3	367.5000	-62.72	-0.49	-63.21	-13.00	-50.21	peak	H
4	467.5000	-74.52	4.36	-70.16	-13.00	-57.16	peak	H
5	601.5000	-74.46	6.99	-67.47	-13.00	-54.47	peak	H
6	720.0000	-78.46	7.39	-71.07	-13.00	-58.07	peak	H
7	3316.000	-70.87	12.41	-58.46	-13.00	-45.46	peak	H
8	4684.000	-73.40	14.98	-58.42	-13.00	-45.42	peak	H
9	7156.000	-75.22	23.97	-51.25	-13.00	-38.25	peak	H
1	146.5000	-69.54	14.81	-54.73	-13.00	-41.73	peak	V
2	200.5000	-61.36	9.73	-51.63	-13.00	-38.63	peak	V
3	336.0000	-63.42	0.50	-62.92	-13.00	-49.92	peak	V
4	480.0000	-69.60	1.65	-67.95	-13.00	-54.95	peak	V
5	601.5000	-68.01	6.63	-61.38	-13.00	-48.38	peak	V
6	730.0000	-78.26	10.57	-67.69	-13.00	-54.69	peak	V
7	3268.000	-70.54	15.57	-54.97	-13.00	-41.97	peak	V
8	4732.000	-74.39	19.54	-54.85	-13.00	-41.85	peak	V
9	7216.000	-74.68	21.79	-52.89	-13.00	-39.89	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-70.50	6.51	-63.99	-13.00	-50.99	peak	H
2	215.0000	-60.00	-0.43	-60.43	-13.00	-47.43	peak	H
3	367.5000	-61.36	-0.49	-61.85	-13.00	-48.85	peak	H
4	467.5000	-73.17	4.36	-68.81	-13.00	-55.81	peak	H
5	601.5000	-75.49	6.99	-68.50	-13.00	-55.50	peak	H
6	742.5000	-80.29	8.17	-72.12	-13.00	-59.12	peak	H
7	3328.000	-70.31	12.45	-57.86	-13.00	-44.86	peak	H
8	4756.000	-73.84	15.38	-58.46	-13.00	-45.46	peak	H
9	7132.000	-74.03	23.89	-50.14	-13.00	-37.14	peak	H
1	131.5000	-69.65	18.66	-50.99	-13.00	-37.99	peak	V
2	200.5000	-61.64	9.73	-51.91	-13.00	-38.91	peak	V
3	336.0000	-63.92	0.50	-63.42	-13.00	-50.42	peak	V
4	501.0000	-69.86	1.96	-67.90	-13.00	-54.90	peak	V
5	601.5000	-67.53	6.63	-60.90	-13.00	-47.90	peak	V
6	735.0000	-78.82	10.46	-68.36	-13.00	-55.36	peak	V
7	3280.000	-70.41	15.65	-54.76	-13.00	-41.76	peak	V
8	4732.000	-73.08	19.54	-53.54	-13.00	-40.54	peak	V
9	7132.000	-74.46	21.65	-52.81	-13.00	-39.81	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	706.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-68.67	6.90	-61.77	-13.00	-48.77	peak	H
2	200.5000	-66.32	2.48	-63.84	-13.00	-50.84	peak	H
3	367.5000	-62.30	-0.49	-62.79	-13.00	-49.79	peak	H
4	467.5000	-74.38	4.36	-70.02	-13.00	-57.02	peak	H
5	601.5000	-75.93	6.99	-68.94	-13.00	-55.94	peak	H
6	701.5000	-77.21	6.91	-70.30	-13.00	-57.30	peak	H
7	3232.000	-70.61	12.16	-58.45	-13.00	-45.45	peak	H
8	4768.000	-72.90	15.44	-57.46	-13.00	-44.46	peak	H
9	7108.000	-75.83	23.84	-51.99	-13.00	-38.99	peak	H
1	156.0000	-69.78	17.09	-52.69	-13.00	-39.69	peak	V
2	200.5000	-65.06	9.73	-55.33	-13.00	-42.33	peak	V
3	336.0000	-61.44	0.50	-60.94	-13.00	-47.94	peak	V
4	480.0000	-69.28	1.65	-67.63	-13.00	-54.63	peak	V
5	601.5000	-68.18	6.63	-61.55	-13.00	-48.55	peak	V
6	730.0000	-78.00	10.57	-67.43	-13.00	-54.43	peak	V
7	3244.000	-70.43	15.43	-55.00	-13.00	-42.00	peak	V
8	4732.000	-73.16	19.54	-53.62	-13.00	-40.62	peak	V
9	7132.000	-73.30	21.65	-51.65	-13.00	-38.65	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-70.95	5.23	-65.72	-13.00	-52.72	peak	H
2	204.0000	-63.28	1.58	-61.70	-13.00	-48.70	peak	H
3	328.0000	-62.21	-1.37	-63.58	-13.00	-50.58	peak	H
4	467.5000	-73.77	4.36	-69.41	-13.00	-56.41	peak	H
5	601.5000	-75.54	6.99	-68.55	-13.00	-55.55	peak	H
6	720.0000	-79.14	7.39	-71.75	-13.00	-58.75	peak	H
7	3328.000	-70.26	12.45	-57.81	-13.00	-44.81	peak	H
8	4708.000	-73.39	15.11	-58.28	-13.00	-45.28	peak	H
9	7084.000	-74.59	23.76	-50.83	-13.00	-37.83	peak	H
1	155.0000	-69.75	16.67	-53.08	-13.00	-40.08	peak	V
2	200.5000	-61.99	9.73	-52.26	-13.00	-39.26	peak	V
3	336.0000	-62.82	0.50	-62.32	-13.00	-49.32	peak	V
4	480.0000	-68.82	1.65	-67.17	-13.00	-54.17	peak	V
5	601.5000	-67.47	6.63	-60.84	-13.00	-47.84	peak	V
6	720.0000	-78.70	10.76	-67.94	-13.00	-54.94	peak	V
7	3292.000	-70.99	15.73	-55.26	-13.00	-42.26	peak	V
8	4720.000	-72.39	19.52	-52.87	-13.00	-39.87	peak	V
9	7108.000	-73.64	21.63	-52.01	-13.00	-39.01	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.0000	-71.33	6.76	-64.57	-13.00	-51.57	peak	H
2	204.0000	-62.21	1.58	-60.63	-13.00	-47.63	peak	H
3	367.5000	-61.68	-0.49	-62.17	-13.00	-49.17	peak	H
4	467.5000	-74.76	4.36	-70.40	-13.00	-57.40	peak	H
5	601.5000	-75.79	6.99	-68.80	-13.00	-55.80	peak	H
6	701.5000	-80.13	6.91	-73.22	-13.00	-60.22	peak	H
7	3292.000	-70.87	12.35	-58.52	-13.00	-45.52	peak	H
8	4720.000	-74.15	15.18	-58.97	-13.00	-45.97	peak	H
9	7156.000	-72.97	23.97	-49.00	-13.00	-36.00	peak	H
1	157.5000	-71.85	17.72	-54.13	-13.00	-41.13	peak	V
2	200.5000	-61.70	9.73	-51.97	-13.00	-38.97	peak	V
3	336.0000	-61.16	0.50	-60.66	-13.00	-47.66	peak	V
4	501.0000	-69.73	1.96	-67.77	-13.00	-54.77	peak	V
5	601.5000	-67.83	6.63	-61.20	-13.00	-48.20	peak	V
6	672.0000	-78.25	9.23	-69.02	-13.00	-56.02	peak	V
7	3268.000	-71.69	15.57	-56.12	-13.00	-43.12	peak	V
8	4804.000	-73.60	19.67	-53.93	-13.00	-40.93	peak	V
9	7168.000	-74.23	21.72	-52.51	-13.00	-39.51	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	709.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-69.94	4.81	-65.13	-13.00	-52.13	peak	H
2	200.5000	-64.79	2.48	-62.31	-13.00	-49.31	peak	H
3	334.0000	-64.41	-1.31	-65.72	-13.00	-52.72	peak	H
4	480.0000	-75.02	4.99	-70.03	-13.00	-57.03	peak	H
5	601.5000	-75.87	6.99	-68.88	-13.00	-55.88	peak	H
6	720.0000	-80.18	7.39	-72.79	-13.00	-59.79	peak	H
7	3280.000	-70.15	12.31	-57.84	-13.00	-44.84	peak	H
8	4684.000	-73.66	14.98	-58.68	-13.00	-45.68	peak	H
9	7084.000	-74.98	23.76	-51.22	-13.00	-38.22	peak	H
1	157.5000	-70.92	17.72	-53.20	-13.00	-40.20	peak	V
2	200.5000	-61.44	9.73	-51.71	-13.00	-38.71	peak	V
3	346.5000	-68.59	0.86	-67.73	-13.00	-54.73	peak	V
4	501.0000	-69.65	1.96	-67.69	-13.00	-54.69	peak	V
5	601.5000	-68.29	6.63	-61.66	-13.00	-48.66	peak	V
6	720.0000	-77.82	10.76	-67.06	-13.00	-54.06	peak	V
7	3280.000	-70.14	15.65	-54.49	-13.00	-41.49	peak	V
8	4708.000	-73.54	19.49	-54.05	-13.00	-41.05	peak	V
9	7156.000	-75.11	21.69	-53.42	-13.00	-40.42	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 Hz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.88	6.38	-62.50	-13.00	-49.50	peak	H
2	200.5000	-64.46	2.48	-61.98	-13.00	-48.98	peak	H
3	367.5000	-62.39	-0.49	-62.88	-13.00	-49.88	peak	H
4	467.5000	-74.00	4.36	-69.64	-13.00	-56.64	peak	H
5	601.5000	-74.80	6.99	-67.81	-13.00	-54.81	peak	H
6	701.5000	-77.22	6.91	-70.31	-13.00	-57.31	peak	H
7	3292.000	-70.26	12.35	-57.91	-13.00	-44.91	peak	H
8	4720.000	-75.06	15.18	-59.88	-13.00	-46.88	peak	H
9	7108.000	-74.27	23.84	-50.43	-13.00	-37.43	peak	H
1	129.0000	-73.44	18.07	-55.37	-13.00	-42.37	peak	V
2	200.5000	-62.08	9.73	-52.35	-13.00	-39.35	peak	V
3	336.0000	-62.00	0.50	-61.50	-13.00	-48.50	peak	V
4	501.0000	-70.12	1.96	-68.16	-13.00	-55.16	peak	V
5	601.5000	-67.90	6.63	-61.27	-13.00	-48.27	peak	V
6	720.0000	-79.03	10.76	-68.27	-13.00	-55.27	peak	V
7	3292.000	-71.76	15.73	-56.03	-13.00	-43.03	peak	V
8	4756.000	-72.40	19.59	-52.81	-13.00	-39.81	peak	V
9	7132.000	-73.87	21.65	-52.22	-13.00	-39.22	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Band:	LTE Band 17	Date:	10/06/2014
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.54	6.51	-62.03	-13.00	-49.03	peak	H
2	200.5000	-64.81	2.48	-62.33	-13.00	-49.33	peak	H
3	367.5000	-62.70	-0.49	-63.19	-13.00	-50.19	peak	H
4	467.5000	-75.06	4.36	-70.70	-13.00	-57.70	peak	H
5	601.5000	-75.46	6.99	-68.47	-13.00	-55.47	peak	H
6	720.0000	-78.53	7.39	-71.14	-13.00	-58.14	peak	H
7	3328.000	-70.55	12.45	-58.10	-13.00	-45.10	peak	H
8	4756.000	-72.82	15.38	-57.44	-13.00	-44.44	peak	H
9	7060.000	-73.48	23.69	-49.79	-13.00	-36.79	peak	H
1	157.5000	-70.73	17.72	-53.01	-13.00	-40.01	peak	V
2	200.5000	-61.72	9.73	-51.99	-13.00	-38.99	peak	V
3	336.0000	-61.55	0.50	-61.05	-13.00	-48.05	peak	V
4	501.0000	-69.66	1.96	-67.70	-13.00	-54.70	peak	V
5	601.5000	-67.20	6.63	-60.57	-13.00	-47.57	peak	V
6	668.0000	-77.61	9.17	-68.44	-13.00	-55.44	peak	V
7	3280.000	-70.61	15.65	-54.96	-13.00	-41.96	peak	V
8	4684.000	-73.17	19.45	-53.72	-13.00	-40.72	peak	V
9	7108.000	-74.21	21.63	-52.58	-13.00	-39.58	peak	V

Standard:	RSS-Gen	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model Number:	AC785S-500	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Test Mode:	Receiver Spurious Emissions	Date:	10/06/2014
		Test By:	Eric Ou Yang

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3023.000	34.36	-0.14	34.22	74.00	-39.78	peak	H
2	4549.000	31.97	4.33	36.30	74.00	-37.70	peak	H
3	6698.000	30.24	10.03	40.27	74.00	-33.73	peak	H
1	3058.000	34.83	-0.04	34.79	74.00	-39.21	peak	V
2	4577.000	33.18	4.39	37.57	74.00	-36.43	peak	V
3	6663.000	33.68	9.94	43.62	74.00	-30.38	peak	V