

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT w/ AC Adapter									
Mode:	TX, LTE B41 20MHZ QPSK									
Chamber Pre-amplifier Filter Limit 3m Chamber C T145 8449B Filter 1 Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE41 20MH z QPSK	Low Ch, (2506 MHz)									
	5.012	-16.4	V	3.0	28.9	1.0	-44.3	-25.0	-19.3	
	7.518	-9.8	V	3.0	26.3	1.0	-35.1	-25.0	-10.1	
	10.553	-8.0	V	3.0	22.9	1.0	-29.9	-25.0	-4.9	
	5.012	-16.6	H	3.0	28.9	1.0	-44.5	-25.0	-19.5	
	7.518	-8.1	H	3.0	26.3	1.0	-33.5	-25.0	-8.5	
	10.553	-6.5	H	3.0	22.9	1.0	-28.4	-25.0	-3.4	
	Mid Ch, (2593 MHz)									
	5.186	-16.4	V	3.0	28.7	1.0	-44.1	-25.0	-19.1	
	7.779	-8.9	V	3.0	26.0	1.0	-33.8	-25.0	-8.8	
	10.372	-7.4	V	3.0	23.0	1.0	-29.4	-25.0	-4.4	
	5.186	-15.4	H	3.0	28.7	1.0	-43.1	-25.0	-18.1	
	7.779	-8.0	H	3.0	26.0	1.0	-33.0	-25.0	-8.0	
	10.372	-6.3	H	3.0	23.0	1.0	-28.3	-25.0	-3.3	
	High Ch, (2680 MHz)									
	5.360	-15.5	V	3.0	28.5	1.0	-43.0	-25.0	-18.0	
	8.040	-9.6	V	3.0	25.6	1.0	-34.2	-25.0	-9.2	
	10.720	-6.7	V	3.0	22.9	1.0	-28.6	-25.0	-3.6	
5.360	-14.5	H	3.0	28.5	1.0	-42.0	-25.0	-17.0		
8.040	-8.8	H	3.0	25.6	1.0	-33.4	-25.0	-8.4		
10.720	-7.3	H	3.0	22.9	1.0	-29.1	-25.0	-4.1		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Company: LG
Project #: 14U16944
Date: 01/22/14
Test Engineer: Kiya Kedida
Configuration: EUT w/ AC charger
Mode: TX, LTE B4 15MHZ 16QAM

Chamber	Pre-amplifier	Filter	Limit
3m Chamber C	T145 8449B	Filter 1	Part 22

Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Note:
LTE41 15MH z 16QA M	Low Ch, (2503.5 MHz)									
	5.007	-17.1	V	3.0	28.9	1.0	-45.0	-25.0	-20.0	
	7.511	-10.0	V	3.0	26.3	1.0	-35.4	-25.0	-10.4	
	10.014	-7.7	V	3.0	23.1	1.0	-29.8	-25.0	-4.8	
	5.007	-16.3	H	3.0	28.9	1.0	-44.2	-25.0	-19.2	
	7.511	-9.5	H	3.0	26.3	1.0	-34.8	-25.0	-9.8	
	10.014	-7.6	H	3.0	23.1	1.0	-29.7	-25.0	-4.7	
	Mid Ch, (2593 MHz)									
	5.186	-16.9	V	3.0	28.7	1.0	-44.6	-25.0	-19.6	
	7.779	-9.1	V	3.0	26.0	1.0	-34.1	-25.0	-9.1	
10.372	-8.1	V	3.0	23.0	1.0	-30.1	-25.0	-5.1		
5.186	-17.0	H	3.0	28.7	1.0	-44.7	-25.0	-19.7		
7.779	-7.9	H	3.0	26.0	1.0	-32.9	-25.0	-7.9		
10.372	-7.3	H	3.0	23.0	1.0	-29.3	-25.0	-4.3		
High Ch, (2682.5 MHz)										
5.365	-16.5	V	3.0	28.5	1.0	-44.0	-25.0	-19.0		
8.052	-9.8	V	3.0	25.6	1.0	-34.5	-25.0	-9.5		
10.730	-7.5	V	3.0	22.9	1.0	-29.4	-25.0	-4.4		
5.365	-16.9	H	3.0	28.5	1.0	-44.4	-25.0	-19.4		
8.052	-8.7	H	3.0	25.6	1.0	-33.3	-25.0	-8.3		
10.730	-7.7	H	3.0	22.9	1.0	-29.6	-25.0	-4.6		

Rev. 03.03.09

Note: No other emissions were detected above the system noise floor.

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT w/ AC charger									
Mode:	TX, LTE B4 15MHZ QPSK									
Chamber 3m Chamber C Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE41 15MH z QPSK	Low Ch, (2503.5 MHz)									
	5.007	-16.6	V	3.0	28.9	1.0	-44.5	-25.0	-19.5	
	7.511	-9.0	V	3.0	26.3	1.0	-34.3	-25.0	-9.3	
	10.014	-7.1	V	3.0	23.1	1.0	-29.2	-25.0	-4.2	
	5.007	-16.2	H	3.0	28.9	1.0	-44.1	-25.0	-19.1	
	7.511	-8.3	H	3.0	26.3	1.0	-33.6	-25.0	-8.6	
	10.014	-7.1	H	3.0	23.1	1.0	-29.2	-25.0	-4.2	
	Mid Ch, (2593 MHz)									
	5.186	-16.3	V	3.0	28.7	1.0	-44.0	-25.0	-19.0	
	7.779	-8.5	V	3.0	26.0	1.0	-33.5	-25.0	-8.5	
	10.372	-7.2	V	3.0	23.0	1.0	-29.2	-25.0	-4.2	
	5.186	-16.5	H	3.0	28.7	1.0	-44.2	-25.0	-19.2	
	7.779	-7.5	H	3.0	26.0	1.0	-32.5	-25.0	-7.5	
	10.372	-6.3	H	3.0	23.0	1.0	-28.3	-25.0	-3.3	
	High Ch, (2682.5 MHz)									
	5.365	-15.8	V	3.0	28.5	1.0	-43.4	-25.0	-18.4	
	8.052	-9.2	V	3.0	25.6	1.0	-33.8	-25.0	-8.8	
	10.730	-6.6	V	3.0	22.9	1.0	-28.5	-25.0	-3.5	
	5.365	-16.0	H	3.0	28.5	1.0	-43.5	-25.0	-18.5	
	8.052	-7.9	H	3.0	25.6	1.0	-32.5	-25.0	-7.5	
	10.730	-7.1	H	3.0	22.9	1.0	-29.0	-25.0	-4.0	
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT w/ AC Adapter									
Mode:	TX, LTE band 41, 10MHz, 16QAM									
Chamber 3m Chamber C Pre-amplifier T145 8449B Filter Filter 1 Limit Part 24										
Band	f	SG reading	Ant. Pol.	Distance	Preamp	Filter	ERP	Limit	Delta	Notes
LTE41	GHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
	Low Ch, (2501 MHz)									
	5.002	-17.4	V	3.0	28.9	1.0	-45.3	-25.0	-20.3	
	7.503	-10.3	V	3.0	26.3	1.0	-35.7	-25.0	-10.7	
	10.004	-8.4	V	3.0	23.1	1.0	-30.5	-25.0	-5.5	
	5.002	-16.2	H	3.0	28.9	1.0	-44.1	-25.0	-19.1	
	7.503	-8.1	H	3.0	26.3	1.0	-33.4	-25.0	-8.4	
	10.004	-8.0	H	3.0	23.1	1.0	-30.1	-25.0	-5.1	
	Mid Ch, (2593 MHz)									
	5.186	-16.4	V	3.0	28.7	1.0	-44.1	-25.0	-19.1	
	7.779	-10.0	V	3.0	26.0	1.0	-35.0	-25.0	-10.0	
	10.372	-7.8	V	3.0	23.0	1.0	-29.8	-25.0	-4.8	
	5.186	-16.1	H	3.0	28.7	1.0	-43.8	-25.0	-18.8	
	7.779	-8.2	H	3.0	26.0	1.0	-33.2	-25.0	-8.2	
	10.372	-6.7	H	3.0	23.0	1.0	-28.7	-25.0	-3.7	
	High Ch, (2685 MHz)									
	5.375	-16.0	V	3.0	28.5	1.0	-43.6	-25.0	-18.6	
	8.055	-9.2	V	3.0	25.6	1.0	-33.9	-25.0	-8.9	
	10.740	-7.8	V	3.0	22.9	1.0	-29.7	-25.0	-4.7	
	5.375	-15.3	H	3.0	28.5	1.0	-42.9	-25.0	-17.9	
	8.055	-8.5	H	3.0	25.6	1.0	-33.1	-25.0	-8.1	
	10.740	-7.5	H	3.0	22.9	1.0	-29.4	-25.0	-4.4	
	Rev. 03.03.09									
	Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT w/ AC Adapter									
Mode:	TX, LTE band 41, 10MHz, QPSK									
Chamber		Pre-amplifier		Filter		Limit				
3m Chamber C		T145 8449B		Filter 1		Part 24				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE41 10MHz z QPSK	Low Ch, (2501 MHz)									
	5.002	-16.7	V	3.0	28.9	1.0	-44.6	-25.0	-19.6	
	7.503	-9.6	V	3.0	26.3	1.0	-35.0	-25.0	-10.0	
	10.004	-7.8	V	3.0	23.1	1.0	-29.9	-25.0	-4.9	
	5.002	-15.8	H	3.0	28.9	1.0	-43.7	-25.0	-18.7	
	7.503	-7.6	H	3.0	26.3	1.0	-33.0	-25.0	-8.0	
	10.004	-7.2	H	3.0	23.1	1.0	-29.3	-25.0	-4.3	
	Mid Ch, (2593 MHz)									
	5.186	-16.0	V	3.0	28.7	1.0	-43.7	-25.0	-18.7	
	7.779	-8.5	V	3.0	26.0	1.0	-33.5	-25.0	-8.5	
	10.372	-6.7	V	3.0	23.0	1.0	-28.7	-25.0	-3.7	
	5.186	-15.6	H	3.0	28.7	1.0	-43.3	-25.0	-18.3	
	7.779	-7.5	H	3.0	26.0	1.0	-32.5	-25.0	-7.5	
	10.372	-6.5	H	3.0	23.0	1.0	-28.5	-25.0	-3.5	
	High Ch, (2685 MHz)									
	5.375	-15.7	V	3.0	28.5	1.0	-43.3	-25.0	-18.3	
	8.055	-9.0	V	3.0	25.6	1.0	-33.6	-25.0	-8.6	
	10.740	-6.8	V	3.0	22.9	1.0	-28.7	-25.0	-3.7	
5.375	-15.1	H	3.0	28.5	1.0	-42.6	-25.0	-17.6		
8.055	-8.2	H	3.0	25.6	1.0	-32.8	-25.0	-7.8		
10.740	-6.6	H	3.0	22.9	1.0	-28.4	-25.0	-3.4		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 10MHZ har 16QAM									
Chamber 5m Chamber C Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band LTE26 10MH z 16QA M	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, (819MHz)										
	1.638	-21.6	V	3.0	32.7	1.0	-53.2	-13.0	-40.2	
	2.457	-18.2	V	3.0	31.3	1.0	-48.5	-13.0	-35.5	
	3.276	-16.1	V	3.0	30.6	1.0	-45.7	-13.0	-32.7	
	1.638	-21.0	H	3.0	32.7	1.0	-52.7	-13.0	-39.7	
	2.457	-19.6	H	3.0	31.3	1.0	-49.8	-13.0	-36.8	
	3.276	-15.8	H	3.0	30.6	1.0	-45.4	-13.0	-32.4	
Mid Ch, (831.5MHz)										
	1.663	-21.2	V	3.0	32.6	1.0	-52.8	-13.0	-39.8	
	2.495	-17.7	V	3.0	31.5	1.0	-48.2	-13.0	-35.2	
	3.326	-15.5	V	3.0	30.5	1.0	-45.0	-13.0	-32.0	
	1.663	-20.4	H	3.0	32.6	1.0	-52.1	-13.0	-39.1	
	2.495	-19.6	H	3.0	31.5	1.0	-50.0	-13.0	-37.0	
	3.326	-15.9	H	3.0	30.5	1.0	-45.4	-13.0	-32.4	
High Ch, (844MHz)										
	1.688	-20.5	V	3.0	32.6	1.0	-52.1	-13.0	-39.1	
	2.532	-18.9	V	3.0	31.5	1.0	-49.3	-13.0	-36.3	
	3.376	-16.9	V	3.0	30.5	1.0	-46.3	-13.0	-33.3	
	1.688	-21.1	H	3.0	32.6	1.0	-52.7	-13.0	-39.7	
	2.532	-19.7	H	3.0	31.5	1.0	-50.1	-13.0	-37.1	
	3.376	-16.0	H	3.0	30.5	1.0	-45.5	-13.0	-32.5	
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 10MHZ har QPSK									
Chamber		Pre-amplifier		Filter		Limit				
5m Chamber C		T145 8449B		Filter 1		Part 22				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 10MH z QPSK	Low Ch, (819MHz)									
	1.638	-21.2	V	3.0	32.7	1.0	-52.9	-13.0	-39.9	
	2.457	-17.6	V	3.0	31.3	1.0	-47.9	-13.0	-34.9	
	3.276	-15.2	V	3.0	30.6	1.0	-44.7	-13.0	-31.7	
	1.638	-20.1	H	3.0	32.7	1.0	-51.8	-13.0	-38.8	
	2.457	-19.1	H	3.0	31.3	1.0	-49.3	-13.0	-36.3	
	3.276	-15.5	H	3.0	30.6	1.0	-45.1	-13.0	-32.1	
	Mid Ch, (831.5MHz)									
	1.663	-20.6	V	3.0	32.6	1.0	-52.2	-13.0	-39.2	
	2.495	-16.7	V	3.0	31.5	1.0	-47.2	-13.0	-34.2	
	3.326	-14.6	V	3.0	30.5	1.0	-44.1	-13.0	-31.1	
	1.663	-18.6	H	3.0	32.6	1.0	-50.2	-13.0	-37.2	
	2.495	-19.6	H	3.0	31.5	1.0	-50.1	-13.0	-37.1	
	3.326	-15.2	H	3.0	30.5	1.0	-44.7	-13.0	-31.7	
	High Ch, (844MHz)									
	1.688	-19.6	V	3.0	32.6	1.0	-51.1	-13.0	-38.1	
	2.532	-17.1	V	3.0	31.5	1.0	-47.6	-13.0	-34.6	
	3.376	-14.9	V	3.0	30.5	1.0	-44.4	-13.0	-31.4	
1.688	-20.0	H	3.0	32.6	1.0	-51.6	-13.0	-38.6		
2.532	-18.7	H	3.0	31.5	1.0	-49.1	-13.0	-36.1		
3.376	-14.7	H	3.0	30.5	1.0	-44.2	-13.0	-31.2		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC charger									
Mode:	TX, LTE B26 5MHz har 16QAM									
Chamber		Pre-amplifier		Filter		Limit				
3m Chamber		T145 8449B		Filter 1		Part 22				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 5MHz 16QA M	Low Ch, (816.5MHz)									
	1.633	-19.4	V	3.0	32.7	1.0	-51.1	-13.0	-38.1	
	2.450	-24.8	V	3.0	31.2	1.0	-55.0	-13.0	-42.0	
	3.266	-23.2	V	3.0	30.6	1.0	-52.7	-13.0	-39.7	
	1.633	-18.9	H	3.0	32.7	1.0	-50.5	-13.0	-37.5	
	2.450	-27.0	H	3.0	31.2	1.0	-57.3	-13.0	-44.3	
	3.266	-22.8	H	3.0	30.6	1.0	-52.4	-13.0	-39.4	
	Mid Ch, (831.5MHz)									
	1.663	-16.2	V	3.0	32.6	1.0	-47.8	-13.0	-34.8	
	2.495	-24.8	V	3.0	31.5	1.0	-55.3	-13.0	-42.3	
	3.326	-23.0	V	3.0	30.5	1.0	-52.5	-13.0	-39.5	
	1.663	-16.7	H	3.0	32.6	1.0	-48.4	-13.0	-35.4	
	2.495	-26.1	H	3.0	31.5	1.0	-56.6	-13.0	-43.6	
	3.326	-23.0	H	3.0	30.5	1.0	-52.5	-13.0	-39.5	
	High Ch, (846.5MHz)									
	1.693	-23.1	V	3.0	32.6	1.0	-54.7	-13.0	-41.7	
	2.540	-24.8	V	3.0	31.4	1.0	-55.2	-13.0	-42.2	
	3.386	-22.6	V	3.0	30.5	1.0	-52.1	-13.0	-39.1	
1.693	-22.7	H	3.0	32.6	1.0	-54.3	-13.0	-41.3		
2.540	-25.8	H	3.0	31.4	1.0	-56.2	-13.0	-43.2		
3.386	-23.1	H	3.0	30.5	1.0	-52.5	-13.0	-39.5		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC charger									
Mode:	TX, LTE B26 5MHZ har QPSK									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 5MHz QPSK	Low Ch, (816.5MHz)									
	1.633	-19.7	V	3.0	32.7	1.0	-51.4	-13.0	-38.4	
	2.450	-24.8	V	3.0	31.2	1.0	-55.0	-13.0	-42.0	
	3.266	-23.2	V	3.0	30.6	1.0	-52.7	-13.0	-39.7	
	1.633	-20.2	H	3.0	32.7	1.0	-51.8	-13.0	-38.8	
	2.450	-26.7	H	3.0	31.2	1.0	-57.0	-13.0	-44.0	
	3.266	-23.3	H	3.0	30.6	1.0	-52.9	-13.0	-39.9	
	Mid Ch, (831.5MHz)									
	1.663	-16.2	V	3.0	32.6	1.0	-47.9	-13.0	-34.9	
	2.495	-24.4	V	3.0	31.5	1.0	-54.9	-13.0	-41.9	
	3.326	-22.4	V	3.0	30.5	1.0	-51.9	-13.0	-38.9	
	1.663	-16.5	H	3.0	32.6	1.0	-48.1	-13.0	-35.1	
	2.495	-26.5	H	3.0	31.5	1.0	-57.0	-13.0	-44.0	
	3.326	-22.2	H	3.0	30.5	1.0	-51.7	-13.0	-38.7	
	High Ch, (846.5MHz)									
	1.693	-22.9	V	3.0	32.6	1.0	-54.5	-13.0	-41.5	
	2.540	-24.3	V	3.0	31.4	1.0	-54.8	-13.0	-41.8	
	3.386	-22.3	V	3.0	30.5	1.0	-51.7	-13.0	-38.7	
1.693	-22.5	H	3.0	32.6	1.0	-54.1	-13.0	-41.1		
2.540	-25.7	H	3.0	31.4	1.0	-56.2	-13.0	-43.2		
3.386	-22.9	H	3.0	30.5	1.0	-52.3	-13.0	-39.3		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 3MHz har 16QAM									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 3MHz 16QA M	Low Ch, (815.5MHz)									
	1.631	-20.5	V	3.0	32.7	1.0	-52.2	-13.0	-39.2	
	2.447	-24.5	V	3.0	31.2	1.0	-54.7	-13.0	-41.7	
	3.262	-21.9	V	3.0	30.6	1.0	-51.4	-13.0	-38.4	
	1.631	-17.5	H	3.0	32.7	1.0	-49.2	-13.0	-36.2	
	2.447	-26.6	H	3.0	31.2	1.0	-56.9	-13.0	-43.9	
	3.262	-23.5	H	3.0	30.6	1.0	-53.0	-13.0	-40.0	
	Mid Ch, (831.5MHz)									
	1.663	-16.0	V	3.0	32.6	1.0	-47.6	-13.0	-34.6	
	2.495	-24.4	V	3.0	31.5	1.0	-54.9	-13.0	-41.9	
	3.326	-22.7	V	3.0	30.5	1.0	-52.3	-13.0	-39.3	
	1.663	-16.5	H	3.0	32.6	1.0	-48.1	-13.0	-35.1	
	2.495	-25.9	H	3.0	31.5	1.0	-56.3	-13.0	-43.3	
	3.326	-21.9	H	3.0	30.5	1.0	-51.4	-13.0	-38.4	
	High Ch, (847.5MHz)									
	1.695	-22.8	V	3.0	32.6	1.0	-54.4	-13.0	-41.4	
	2.543	-25.0	V	3.0	31.4	1.0	-55.4	-13.0	-42.4	
	3.390	-22.7	V	3.0	30.5	1.0	-52.2	-13.0	-39.2	
1.695	-21.1	H	3.0	32.6	1.0	-52.6	-13.0	-39.6		
2.543	-26.9	H	3.0	31.4	1.0	-57.3	-13.0	-44.3		
3.390	-23.5	H	3.0	30.5	1.0	-53.0	-13.0	-40.0		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 3MHz har QPSK									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 3MHz QPSK	Low Ch, (815.5MHz)									
	1.631	-19.5	V	3.0	32.7	1.0	-51.2	-13.0	-38.2	
	2.447	-24.5	V	3.0	31.2	1.0	-54.7	-13.0	-41.7	
	3.262	-22.9	V	3.0	30.6	1.0	-52.4	-13.0	-39.4	
	1.631	-18.3	H	3.0	32.7	1.0	-50.0	-13.0	-37.0	
	2.447	-26.1	H	3.0	31.2	1.0	-56.3	-13.0	-43.3	
	3.262	-23.2	H	3.0	30.6	1.0	-52.8	-13.0	-39.8	
	Mid Ch, (831.5MHz)									
	1.663	-16.0	V	3.0	32.6	1.0	-47.7	-13.0	-34.7	
	2.495	-24.5	V	3.0	31.5	1.0	-55.0	-13.0	-42.0	
	3.326	-22.8	V	3.0	30.5	1.0	-52.3	-13.0	-39.3	
	1.663	-16.6	H	3.0	32.6	1.0	-48.2	-13.0	-35.2	
	2.495	-26.0	H	3.0	31.5	1.0	-56.5	-13.0	-43.5	
	3.326	-22.9	H	3.0	30.5	1.0	-52.4	-13.0	-39.4	
	High Ch, (847.5MHz)									
	1.695	-23.5	V	3.0	32.6	1.0	-55.0	-13.0	-42.0	
	2.543	-24.9	V	3.0	31.4	1.0	-55.4	-13.0	-42.4	
	3.390	-22.9	V	3.0	30.5	1.0	-52.3	-13.0	-39.3	
1.695	-21.7	H	3.0	32.6	1.0	-53.2	-13.0	-40.2		
2.543	-26.0	H	3.0	31.4	1.0	-56.5	-13.0	-43.5		
3.390	-22.5	H	3.0	30.5	1.0	-51.9	-13.0	-38.9		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 1.4MHz har 16QAM									
Chamber		Pre-amplifier		Filter		Limit				
3m Chamber		T145 8449B		Filter 1		Part 22				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 1.4MHz 16QAM	Low Ch, (814.7MHz)									
	1.629	-18.2	V	3.0	32.7	1.0	-49.9	-13.0	-36.9	
	2.444	-25.5	V	3.0	31.2	1.0	-55.7	-13.0	-42.7	
	3.258	-23.5	V	3.0	30.6	1.0	-53.1	-13.0	-40.1	
	1.629	-19.2	H	3.0	32.7	1.0	-50.9	-13.0	-37.9	
	2.444	-26.8	H	3.0	31.2	1.0	-57.0	-13.0	-44.0	
	3.258	-23.6	H	3.0	30.6	1.0	-53.2	-13.0	-40.2	
	Mid Ch, (831.5MHz)									
	1.663	-16.8	V	3.0	32.6	1.0	-48.5	-13.0	-35.5	
	2.495	-24.5	V	3.0	31.5	1.0	-54.9	-13.0	-41.9	
	3.326	-23.4	V	3.0	30.5	1.0	-52.9	-13.0	-39.9	
	1.663	-18.0	H	3.0	32.6	1.0	-49.6	-13.0	-36.6	
	2.495	-26.3	H	3.0	31.5	1.0	-56.8	-13.0	-43.8	
	3.326	-23.5	H	3.0	30.5	1.0	-53.0	-13.0	-40.0	
	High Ch, (848.3MHz)									
	1.697	-22.5	V	3.0	32.6	1.0	-54.1	-13.0	-41.1	
	2.545	-24.8	V	3.0	31.4	1.0	-55.2	-13.0	-42.2	
	3.393	-22.3	V	3.0	30.5	1.0	-51.8	-13.0	-38.8	
	1.697	-19.6	H	3.0	32.6	1.0	-51.1	-13.0	-38.1	
	2.545	-26.2	H	3.0	31.4	1.0	-56.6	-13.0	-43.6	
	3.393	-24.0	H	3.0	30.5	1.0	-53.5	-13.0	-40.5	
	Rev. 03.03.09									
	Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT with AC adapter									
Mode:	TX, LTE B26 1.4MHz har QPSK									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 22										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE26 1.4MHz z QPSK	Low Ch, (814.7MHz)									
	1.629	-19.5	V	3.0	32.7	1.0	-51.2	-13.0	-38.2	
	2.444	-25.2	V	3.0	31.2	1.0	-55.4	-13.0	-42.4	
	3.258	-23.3	V	3.0	30.6	1.0	-52.8	-13.0	-39.8	
	1.629	-19.4	H	3.0	32.7	1.0	-51.2	-13.0	-38.2	
	2.444	-26.2	H	3.0	31.2	1.0	-56.4	-13.0	-43.4	
	3.258	-23.7	H	3.0	30.6	1.0	-53.3	-13.0	-40.3	
	Mid Ch, (831.5MHz)									
	1.663	-17.3	V	3.0	32.6	1.0	-48.9	-13.0	-35.9	
	2.495	-24.5	V	3.0	31.5	1.0	-55.0	-13.0	-42.0	
	3.326	-23.6	V	3.0	30.5	1.0	-53.1	-13.0	-40.1	
	1.663	-16.9	H	3.0	32.6	1.0	-48.5	-13.0	-35.5	
	2.495	-26.9	H	3.0	31.5	1.0	-57.4	-13.0	-44.4	
	3.326	-23.1	H	3.0	30.5	1.0	-52.7	-13.0	-39.7	
	High Ch, (848.3MHz)									
	1.697	-22.3	V	3.0	32.6	1.0	-53.9	-13.0	-40.9	
	2.545	-25.2	V	3.0	31.4	1.0	-55.6	-13.0	-42.6	
	3.393	-22.7	V	3.0	30.5	1.0	-52.1	-13.0	-39.1	
	1.697	-19.3	H	3.0	32.6	1.0	-50.8	-13.0	-37.8	
	2.545	-26.6	H	3.0	31.4	1.0	-57.0	-13.0	-44.0	
	3.393	-23.2	H	3.0	30.5	1.0	-52.7	-13.0	-39.7	
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y pos w/ AC Adapter									
Mode:	TX, LTE band 25, 10MHz, 16QAM									
Chamber Pre-amplifier Filter Limit 3m Chamber T145 8449B Filter 1 Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE2 5 10MH z 16QA M	Low Ch, (1855 MHz)									
	3.710	-21.3	V	3.0	30.2	1.0	-50.5	-13.0	-37.5	
	5.565	-19.7	V	3.0	28.4	1.0	-47.1	-13.0	-34.1	
	7.420	-14.8	V	3.0	26.5	1.0	-40.3	-13.0	-27.3	
	3.710	-22.2	H	3.0	30.2	1.0	-51.4	-13.0	-38.4	
	5.565	-17.7	H	3.0	28.4	1.0	-45.0	-13.0	-32.0	
	7.420	-12.6	H	3.0	26.5	1.0	-38.1	-13.0	-25.1	
	Mid Ch, (1882.5 MHz)									
	3.765	-21.7	V	3.0	30.1	1.0	-50.9	-13.0	-37.9	
	5.648	-19.3	V	3.0	28.3	1.0	-46.5	-13.0	-33.5	
	7.530	-12.5	V	3.0	26.3	1.0	-37.8	-13.0	-24.8	
	3.765	-22.2	H	3.0	30.1	1.0	-51.3	-13.0	-38.3	
	5.648	-18.8	H	3.0	28.3	1.0	-46.0	-13.0	-33.0	
	7.530	-11.9	H	3.0	26.3	1.0	-37.3	-13.0	-24.3	
	High Ch, (1909.8 MHz)									
	3.820	-21.6	V	3.0	30.1	1.0	-50.7	-13.0	-37.7	
	5.730	-18.0	V	3.0	28.2	1.0	-45.2	-13.0	-32.2	
	7.640	-11.0	V	3.0	26.2	1.0	-36.2	-13.0	-23.2	
3.820	-21.2	H	3.0	30.1	1.0	-50.3	-13.0	-37.3		
5.730	-19.4	H	3.0	28.2	1.0	-46.6	-13.0	-33.6		
7.640	-11.1	H	3.0	26.2	1.0	-36.2	-13.0	-23.2		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y position w/ AC Adapter									
Mode:	TX, LTE band 25, 10MHz, QPSK									
Chamber Pre-amplifier Filter Limit 3m Chamber T145 8449B Filter 1 Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE2 5 10MH z QPS K	Low Ch. (1855 MHz)									
	3.710	-21.3	V	3.0	30.2	1.0	-50.5	-13.0	-37.5	
	5.565	-19.5	V	3.0	28.4	1.0	-46.8	-13.0	-33.8	
	7.420	-14.1	V	3.0	26.5	1.0	-39.5	-13.0	-26.5	
	3.710	-21.9	H	3.0	30.2	1.0	-51.1	-13.0	-38.1	
	5.565	-18.7	H	3.0	28.4	1.0	-46.0	-13.0	-33.0	
	7.420	-10.8	H	3.0	26.5	1.0	-36.3	-13.0	-23.3	
	Mid Ch. (1882.5 MHz)									
	3.765	-21.7	V	3.0	30.1	1.0	-50.8	-13.0	-37.8	
	5.648	-19.1	V	3.0	28.3	1.0	-46.4	-13.0	-33.4	
	7.530	-10.2	V	3.0	26.3	1.0	-35.5	-13.0	-22.5	
	3.765	-21.5	H	3.0	30.1	1.0	-50.6	-13.0	-37.6	
	5.648	-18.3	H	3.0	28.3	1.0	-45.6	-13.0	-32.6	
	7.530	-10.5	H	3.0	26.3	1.0	-35.9	-13.0	-22.9	
	High Ch. (1910 MHz)									
	3.820	-20.9	V	3.0	30.1	1.0	-50.0	-13.0	-37.0	
	5.730	-19.3	V	3.0	28.2	1.0	-46.5	-13.0	-33.5	
	7.640	-11.3	V	3.0	26.2	1.0	-36.4	-13.0	-23.4	
3.820	-20.9	H	3.0	30.1	1.0	-50.0	-13.0	-37.0		
5.730	-19.1	H	3.0	28.2	1.0	-46.3	-13.0	-33.3		
7.640	-9.1	H	3.0	26.2	1.0	-34.3	-13.0	-21.3		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y pos w/ AC Adapter									
Mode:	TX, LTE band 25, 5MHz, 16QAM									
Chamber		Pre-amplifier		Filter		Limit				
3m Chamber		T145 8449B		Filter 1		Part 24				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE25 5MHz 16QA M	Low Ch, (1852.5 MHz)									
	3.705	-22.1	V	3.0	30.2	1.0	-51.3	-13.0	-38.3	
	5.558	-19.5	V	3.0	28.4	1.0	-46.9	-13.0	-33.9	
	7.410	-14.5	V	3.0	26.5	1.0	-40.0	-13.0	-27.0	
	3.705	-22.1	H	3.0	30.2	1.0	-51.3	-13.0	-38.3	
	5.558	-18.0	H	3.0	28.4	1.0	-45.3	-13.0	-32.3	
	7.410	-13.2	H	3.0	26.5	1.0	-38.7	-13.0	-25.7	
	Mid Ch, (1882.5 MHz)									
	3.765	-22.3	V	3.0	30.1	1.0	-51.5	-13.0	-38.5	
	5.648	-19.0	V	3.0	28.3	1.0	-46.3	-13.0	-33.3	
	7.530	-11.4	V	3.0	26.3	1.0	-36.7	-13.0	-23.7	
	3.765	-22.4	H	3.0	30.1	1.0	-51.6	-13.0	-38.6	
	5.648	-18.6	H	3.0	28.3	1.0	-45.9	-13.0	-32.9	
	7.530	-8.9	H	3.0	26.3	1.0	-34.2	-13.0	-21.2	
	High Ch, (1912.5 MHz)									
	3.825	-22.2	V	3.0	30.1	1.0	-51.3	-13.0	-38.3	
	5.738	-18.9	V	3.0	28.2	1.0	-46.1	-13.0	-33.1	
	7.650	-14.4	V	3.0	26.2	1.0	-39.6	-13.0	-26.6	
3.825	-22.3	H	3.0	30.1	1.0	-51.4	-13.0	-38.4		
5.738	-18.5	H	3.0	28.2	1.0	-45.7	-13.0	-32.7		
7.650	-12.9	H	3.0	26.2	1.0	-38.1	-13.0	-25.1		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y pos w/ AC Adapter									
Mode:	TX, LTE band 25, 5MHz, QPSK									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE25 5MHz QPSK	Low Ch, (1852.5 MHz)									
	3.705	-22.3	V	3.0	30.2	1.0	-51.5	-13.0	-38.5	
	5.558	-19.3	V	3.0	28.4	1.0	-46.7	-13.0	-33.7	
	7.410	-14.3	V	3.0	26.5	1.0	-39.8	-13.0	-26.8	
	3.705	-22.3	H	3.0	30.2	1.0	-51.5	-13.0	-38.5	
	5.558	-18.2	H	3.0	28.4	1.0	-45.6	-13.0	-32.6	
	7.410	-13.7	H	3.0	26.5	1.0	-39.2	-13.0	-26.2	
	Mid Ch, (1882.5 MHz)									
	3.765	-22.2	V	3.0	30.1	1.0	-51.3	-13.0	-38.3	
	5.648	-18.9	V	3.0	28.3	1.0	-46.1	-13.0	-33.1	
	7.530	-11.2	V	3.0	26.3	1.0	-36.5	-13.0	-23.5	
	3.765	-22.7	H	3.0	30.1	1.0	-51.9	-13.0	-38.9	
	5.648	-18.5	H	3.0	28.3	1.0	-45.7	-13.0	-32.7	
	7.530	-9.2	H	3.0	26.3	1.0	-34.5	-13.0	-21.5	
	High Ch, (1912.5 MHz)									
	3.825	-22.1	V	3.0	30.1	1.0	-51.2	-13.0	-38.2	
	5.738	-18.0	V	3.0	28.2	1.0	-45.2	-13.0	-32.2	
	7.650	-13.8	V	3.0	26.2	1.0	-38.9	-13.0	-25.9	
3.825	-22.0	H	3.0	30.1	1.0	-51.1	-13.0	-38.1		
5.738	118.9	H	3.0	28.2	1.0	91.7	-13.0	104.7		
7.650	-11.7	H	3.0	26.2	1.0	-36.8	-13.0	-23.8		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y pos w/ AC Adapter									
Mode:	TX, LTE band 25, 3MHz, 16QAM									
Chamber 3m Chamber Pre-amplifier T145 8449B Filter Filter 1 Limit Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE25 3MHz 16QAM	Low Ch, (1851.5 MHz)									
	3.703	-22.2	V	3.0	30.2	1.0	-51.4	-13.0	-38.4	
	5.555	-20.1	V	3.0	28.4	1.0	-47.4	-13.0	-34.4	
	7.406	-14.9	V	3.0	26.5	1.0	-40.4	-13.0	-27.4	
	3.703	-22.1	H	3.0	30.2	1.0	-51.3	-13.0	-38.3	
	5.555	-17.1	H	3.0	28.4	1.0	-44.5	-13.0	-31.5	
	7.406	-12.0	H	3.0	26.5	1.0	-37.5	-13.0	-24.5	
	Mid Ch, (1882.5 MHz)									
	3.765	-22.4	V	3.0	30.1	1.0	-51.5	-13.0	-38.5	
	5.647	-18.5	V	3.0	28.3	1.0	-45.8	-13.0	-32.8	
	7.530	-10.5	V	3.0	26.3	1.0	-35.8	-13.0	-22.8	
	3.765	-22.1	H	3.0	30.1	1.0	-51.2	-13.0	-38.2	
	5.647	-18.0	H	3.0	28.3	1.0	-45.3	-13.0	-32.3	
	7.530	-9.0	H	3.0	26.3	1.0	-34.3	-13.0	-21.3	
	High Ch, (1913.5 MHz)									
	3.828	-22.2	V	3.0	30.1	1.0	-51.3	-13.0	-38.3	
	5.741	-18.4	V	3.0	28.2	1.0	-45.6	-13.0	-32.6	
	7.654	-9.2	V	3.0	26.1	1.0	-34.4	-13.0	-21.4	
	3.828	-22.3	H	3.0	30.1	1.0	-51.4	-13.0	-38.4	
	5.743	-18.6	H	3.0	28.2	1.0	-45.8	-13.0	-32.8	
	7.654	-10.3	H	3.0	26.1	1.0	-35.5	-13.0	-22.5	
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	R. Alegre									
Configuration:	EUT , Y pos w/ AC Adapter									
Mode:	TX, LTE band 25, 3MHz, QPSK									
Chamber		Pre-amplifier		Filter		Limit				
3m Chamber		T145 8449B		Filter 1		Part 24				
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
LTE25 3MHz QPSK	Low Ch, (1851.5 MHz)									
	3.703	-21.8	V	3.0	30.2	1.0	-51.0	-13.0	-38.0	
	5.555	-19.8	V	3.0	28.4	1.0	-47.2	-13.0	-34.2	
	7.406	-13.9	V	3.0	26.5	1.0	-39.3	-13.0	-26.3	
	3.703	-22.5	H	3.0	30.2	1.0	-51.7	-13.0	-38.7	
	5.555	-18.2	H	3.0	28.4	1.0	-45.6	-13.0	-32.6	
	7.406	-13.9	H	3.0	26.5	1.0	-39.4	-13.0	-26.4	
	Mid Ch, (1882.5 MHz)									
	3.765	-22.3	V	3.0	30.1	1.0	-51.5	-13.0	-38.5	
	5.648	-17.9	V	3.0	28.3	1.0	-45.2	-13.0	-32.2	
	7.530	-10.5	V	3.0	26.3	1.0	-35.8	-13.0	-22.8	
	3.765	-21.9	H	3.0	30.1	1.0	-51.0	-13.0	-38.0	
	5.648	-18.2	H	3.0	28.3	1.0	-45.5	-13.0	-32.5	
	7.530	-8.6	H	3.0	26.3	1.0	-33.9	-13.0	-20.9	
	High Ch, (1913.5 MHz)									
	3.828	-22.2	V	3.0	30.1	1.0	-51.3	-13.0	-38.3	
	5.741	-16.1	V	3.0	28.2	1.0	-43.3	-13.0	-30.3	
	7.654	-9.1	V	3.0	26.1	1.0	-34.3	-13.0	-21.3	
3.828	-22.1	H	3.0	30.1	1.0	-51.1	-13.0	-38.1		
5.743	-17.6	H	3.0	28.2	1.0	-44.8	-13.0	-31.8		
7.654	-10.3	H	3.0	26.1	1.0	-35.4	-13.0	-22.4		
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	J Jackson									
Configuration:	Y Position, AC Charger									
Mode:	EVDO									
Chamber 3m Chamber Pre-amplifier T343 8449B Filter Filter 1 Limit Part 24										
Band BC1 EVDO REV. A	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 1851.25MHz										
	3.703	-15.6	V	3.0	35.4	1.0	-50.0	-13.0	-37.0	
	5.538	-12.4	V	3.0	34.7	1.0	-46.1	-13.0	-33.1	
	7.405	-12.3	V	3.0	34.9	1.0	-46.2	-13.0	-33.2	
	3.703	-15.9	H	3.0	35.4	1.0	-50.3	-13.0	-37.3	
	5.538	-9.8	H	3.0	34.7	1.0	-43.5	-13.0	-30.5	
	7.405	-6.1	H	3.0	34.9	1.0	-40.0	-13.0	-27.0	
Mid Ch, 1880.0MHz										
	3.760	-15.2	V	3.0	35.3	1.0	-49.6	-13.0	-36.6	
	5.640	-13.4	V	3.0	34.7	1.0	-47.1	-13.0	-34.1	
	7.520	-12.0	V	3.0	34.9	1.0	-45.9	-13.0	-32.9	
	3.760	-15.7	H	3.0	35.3	1.0	-50.0	-13.0	-37.0	
	5.640	-12.8	H	3.0	34.7	1.0	-46.5	-13.0	-33.5	
	7.520	-11.0	H	3.0	34.9	1.0	-44.9	-13.0	-31.9	
High Ch, 1908.75 MHz										
	3.820	-16.7	V	3.0	35.3	1.0	-51.0	-13.0	-38.0	
	5.726	-13.0	V	3.0	34.7	1.0	-46.7	-13.0	-33.7	
	7.635	-11.4	V	3.0	34.9	1.0	-45.3	-13.0	-32.3	
	3.820	-16.9	H	3.0	35.3	1.0	-51.1	-13.0	-38.1	
	5.726	-12.6	H	3.0	34.7	1.0	-46.3	-13.0	-33.3	
	7.635	-11.2	H	3.0	34.9	1.0	-45.1	-13.0	-32.1	
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/22/14									
Test Engineer:	J Jackson									
Configuration:	Y Position, AC Charger									
Mode:	CDMA									
Chamber Pre-amplifier Filter Limit 3m Chamber T343 8449B Filter 1 Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
BC1 1xRTT	Low Ch, 1851.25MHz									
	3.703	-15.4	V	3.0	35.4	1.0	-49.8	-13.0	-36.8	
	5.538	-12.8	V	3.0	34.7	1.0	-46.6	-13.0	-33.6	
	7.405	-12.8	V	3.0	34.9	1.0	-46.7	-13.0	-33.7	
	3.703	-15.1	H	3.0	35.4	1.0	-49.5	-13.0	-36.5	
	5.538	-9.3	H	3.0	34.7	1.0	-43.0	-13.0	-30.0	
	7.405	-5.9	H	3.0	34.9	1.0	-39.8	-13.0	-26.8	
	Mid Ch, 1880.0MHz									
	3.760	-15.1	V	3.0	35.3	1.0	-49.5	-13.0	-36.5	
	5.640	-13.4	V	3.0	34.7	1.0	-47.1	-13.0	-34.1	
	7.520	-12.3	V	3.0	34.9	1.0	-46.3	-13.0	-33.3	
	3.760	-16.1	H	3.0	35.3	1.0	-50.4	-13.0	-37.4	
	5.640	-12.7	H	3.0	34.7	1.0	-46.4	-13.0	-33.4	
	7.520	-10.6	H	3.0	34.9	1.0	-44.5	-13.0	-31.5	
	High Ch, 1908.75 MHz									
	3.820	-16.4	V	3.0	35.3	1.0	-50.7	-13.0	-37.7	
	5.726	-12.2	V	3.0	34.7	1.0	-46.0	-13.0	-33.0	
	7.635	-11.9	V	3.0	34.9	1.0	-45.8	-13.0	-32.8	
	3.820	-17.1	H	3.0	35.3	1.0	-51.4	-13.0	-38.4	
	5.726	-13.3	H	3.0	34.7	1.0	-47.0	-13.0	-34.0	
	7.635	-10.6	H	3.0	34.9	1.0	-44.6	-13.0	-31.6	
	Rev. 03.03.09									
	Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	EVDORA BC0 HARM									
Chamber Pre-amplifier Filter Limit 3m Chamber C T343 8449B Filter 1 Part 24										
Band BC0 EVDO REV. A	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 824.7MHz										
	1.650	-18.9	V	3.0	37.4	1.0	-55.3	-13.0	-42.3	
	2.474	-24.2	V	3.0	36.4	1.0	-59.6	-13.0	-46.6	
	3.298	-21.9	V	3.0	35.8	1.0	-56.7	-13.0	-43.7	
	1.650	-19.5	H	3.0	37.4	1.0	-55.8	-13.0	-42.8	
	2.474	-26.4	H	3.0	36.4	1.0	-61.8	-13.0	-48.8	
	3.298	-23.3	H	3.0	35.8	1.0	-58.1	-13.0	-45.1	
Mid Ch, 836.52MHz										
	1.673	-17.1	V	3.0	37.3	1.0	-53.5	-13.0	-40.5	
	2.509	-23.8	V	3.0	36.4	1.0	-59.2	-13.0	-46.2	
	3.346	-22.5	V	3.0	35.8	1.0	-57.2	-13.0	-44.2	
	1.673	-18.4	H	3.0	37.3	1.0	-54.7	-13.0	-41.7	
	2.509	-26.3	H	3.0	36.4	1.0	-61.6	-13.0	-48.6	
	3.346	-21.8	H	3.0	35.8	1.0	-56.6	-13.0	-43.6	
High Ch, 848.31 MHz										
	1.696	-25.1	V	3.0	37.3	1.0	-61.4	-13.0	-48.4	
	2.544	-23.5	V	3.0	36.3	1.0	-58.8	-13.0	-45.8	
	3.393	-22.6	V	3.0	35.7	1.0	-57.3	-13.0	-44.3	
	1.696	-18.2	H	3.0	37.3	1.0	-54.5	-13.0	-41.5	
	2.544	-24.2	H	3.0	36.3	1.0	-59.5	-13.0	-46.5	
	3.393	-22.0	H	3.0	35.7	1.0	-56.7	-13.0	-43.7	
Rev: 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	RTT BC0 HARM									
Chamber Pre-amplifier Filter Limit 3m Chamber C T343 8449B Filter 1 Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
BC0 1xRTT	Low Ch, 824.7MHz									
	1.650	-26.0	V	3.0	37.4	1.0	-62.4	-13.0	-49.4	
	2.474	-24.6	V	3.0	36.4	1.0	-60.0	-13.0	-47.0	
	3.298	-23.2	V	3.0	35.8	1.0	-58.0	-13.0	-45.0	
	1.650	-23.1	H	3.0	37.4	1.0	-59.4	-13.0	-46.4	
	2.474	-22.3	H	3.0	36.4	1.0	-57.7	-13.0	-44.7	
	3.298	-23.2	H	3.0	35.8	1.0	-58.0	-13.0	-45.0	
	Mid Ch, 836.52MHz									
	1.673	-25.4	V	3.0	37.3	1.0	-61.8	-13.0	-48.8	
	2.509	-24.4	V	3.0	36.4	1.0	-59.7	-13.0	-46.7	
	3.346	-22.4	V	3.0	35.8	1.0	-57.2	-13.0	-44.2	
	1.673	-20.5	H	3.0	37.3	1.0	-56.9	-13.0	-43.9	
	2.509	-23.0	H	3.0	36.4	1.0	-58.4	-13.0	-45.4	
	3.346	-23.2	H	3.0	35.8	1.0	-57.9	-13.0	-44.9	
	High Ch, 848.31 MHz									
	1.696	-25.7	V	3.0	37.3	1.0	-62.0	-13.0	-49.0	
	2.544	-24.5	V	3.0	36.3	1.0	-59.9	-13.0	-46.9	
	3.393	-22.4	V	3.0	35.7	1.0	-57.1	-13.0	-44.1	
	1.696	-18.5	H	3.0	37.3	1.0	-54.8	-13.0	-41.8	
	2.544	-22.6	H	3.0	36.3	1.0	-57.9	-13.0	-44.9	
	3.393	-22.4	H	3.0	35.7	1.0	-57.1	-13.0	-44.1	
	Rev: 03.03.09									
	Note: No other emissions were detected above the system noise floor.									

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	EVDORA BC10 HARM									
Chamber Pre-amplifier Filter Limit 3m Chamber C T343 8449B Filter 1 Part 24										
Band BC10 EVDO REV. A	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 817.9MHz										
	1.635	-26.0	V	3.0	37.4	1.0	-62.4	-13.0	-49.4	
	2.453	-23.0	V	3.0	36.4	1.0	-58.5	-13.0	-45.5	
	3.271	-23.0	V	3.0	35.8	1.0	-57.8	-13.0	-44.8	
	1.635	-25.2	H	3.0	37.4	1.0	-61.6	-13.0	-48.6	
	2.453	-22.5	H	3.0	36.4	1.0	-57.9	-13.0	-44.9	
	3.271	-21.9	H	3.0	35.8	1.0	-56.7	-13.0	-43.7	
Mid Ch, 820.5MHz										
	1.641	-27.6	V	3.0	37.4	1.0	-64.0	-13.0	-51.0	
	2.461	-24.2	V	3.0	36.4	1.0	-59.6	-13.0	-46.6	
	3.280	-22.7	V	3.0	35.8	1.0	-57.5	-13.0	-44.5	
	1.641	-26.7	H	3.0	37.4	1.0	-63.1	-13.0	-50.1	
	2.461	-24.1	H	3.0	36.4	1.0	-59.5	-13.0	-46.5	
	3.280	-23.2	H	3.0	35.8	1.0	-58.0	-13.0	-45.0	
High Ch, 823.1 MHz										
	1.646	-26.4	V	3.0	37.4	1.0	-62.8	-13.0	-49.8	
	2.469	-23.0	V	3.0	36.4	1.0	-58.4	-13.0	-45.4	
	3.292	-21.6	V	3.0	35.8	1.0	-56.4	-13.0	-43.4	
	1.646	-26.6	H	3.0	37.4	1.0	-63.0	-13.0	-50.0	
	2.469	-25.5	H	3.0	36.4	1.0	-60.9	-13.0	-47.9	
	3.292	-22.7	H	3.0	35.8	1.0	-57.5	-13.0	-44.5	
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement										
Company:	LG									
Project #:	14U16944									
Date:	01/23/14									
Test Engineer:	Kiya Kedida									
Configuration:	EUT with AC adapter									
Mode:	RTT BC10 HARM									
Chamber 3m Chamber C Pre-amplifier T343 8449B Filter Filter 1 Limit Part 24										
Band	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
BC10 1xRTT	Low Ch, 817.9MHz									
	1.635	-27.1	V	3.0	37.4	1.0	-63.5	-13.0	-50.5	
	2.453	-24.7	V	3.0	36.4	1.0	-60.2	-13.0	-47.2	
	3.271	-22.4	V	3.0	35.8	1.0	-57.2	-13.0	-44.2	
	1.635	-28.0	H	3.0	37.4	1.0	-64.4	-13.0	-51.4	
	2.453	-24.0	H	3.0	36.4	1.0	-59.4	-13.0	-46.4	
	3.271	-23.0	H	3.0	35.8	1.0	-57.8	-13.0	-44.8	
	Mid Ch, 820.5MHz									
	1.641	-28.1	V	3.0	37.4	1.0	-64.5	-13.0	-51.5	
	2.461	-22.6	V	3.0	36.4	1.0	-58.0	-13.0	-45.0	
	3.280	-22.9	V	3.0	35.8	1.0	-57.8	-13.0	-44.8	
	1.641	-27.3	H	3.0	37.4	1.0	-63.7	-13.0	-50.7	
	2.461	-24.7	H	3.0	36.4	1.0	-60.1	-13.0	-47.1	
	3.280	-22.5	H	3.0	35.8	1.0	-57.3	-13.0	-44.3	
	High Ch, 823.1 MHz									
	1.646	-27.8	V	3.0	37.4	1.0	-64.1	-13.0	-51.1	
	2.469	-24.2	V	3.0	36.4	1.0	-59.6	-13.0	-46.6	
	3.292	-22.6	V	3.0	35.8	1.0	-57.5	-13.0	-44.5	
	1.646	-28.8	H	3.0	37.4	1.0	-65.2	-13.0	-52.2	
	2.469	-26.4	H	3.0	36.4	1.0	-61.8	-13.0	-48.8	
	3.292	-23.3	H	3.0	35.8	1.0	-58.1	-13.0	-45.1	
	Rev. 03.03.09									
	Note: No other emissions were detected above the system noise floor.									