		۸ho	UL Ve 1GHz Hid	Verification			aurama	at	
		ADO		gn Frequen	cy Subsu		asureme	n	
Company	:	LG Electronics							
Project #:		15 20413							
Date:		4/13/2015							
Test Engi	neer:	R.Z							
Configura		EUT/ AC Charg	per/Headset						
Location:		Chamber G							
Mode:		LTE QPSK Ba	and 26 Harmonia	ce 3MHz Band	width				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
Low Ch, 81									
1631.00	-27.8	V	3.0	37.0	1.0	-63.9	-13.0	-50.9	
2446.50	-9.1	V	3.0	36.4	1.0	-44.5	-13.0	-31.5	
3262.00	-22.0	V	3.0	36.2	1.0	-57.2	-13.0	-44.2	
1631.00	-27.8	H	3.0	37.0	1.0	-63.9	-13.0	-50.9	
2446.50 3262.00	2.1 -20.9	H	3.0 3.0	36.4 36.2	1.0	-33.3	-13.0	-20.3 -43.1	
3262.00 Mid Ch, 83		Н	3.0	30.2	1.0	-56.1	-13.0	-43.1	
1663.00	-25.6	V	3.0	37.0	1.0	-61.6	-13.0	-48.6	
2494.50	-23.0	v	3.0	36.4	1.0	-53.0	-13.0	-40.0	
3326.00	-21.9	v	3.0	36.1	1.0	-57.0	-13.0	-44.0	
1663.00	-25.1	H	3.0	37.0	1.0	-61.1	-13.0	-48.1	
2494.50	-20.3	Н	3.0	36.4	1.0	-55.7	-13.0	-42.7	
3326.00	-21.8	Н	3.0	36.1	1.0	-56.9	-13.0	-43.9	
High Ch, 8	47.5		•						
1695.00	-24.0	V	3.0	37.0	1.0	-60.0	-13.0	-47.0	
2542.50	-24.0	V	3.0	36.4	1.0	-59.5	-13.0	-46.5	
	-21.9	V	3.0	36.1	1.0	-57.0	-13.0	-44.0	
3390.00	-28.5	H	3.0	37.0	1.0	-64.5	-13.0	-51.5	
1695.00	-23.6	H H	3.0	36.4	1.0	-59.1	-13.0	-46.1	
	-21.1		3.0	36.1	1.0	-56.2	-13.0	-43.2	

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		Abo	UL ve 1GHz Hig	Verification gh Frequen			asureme	nt	
ompany:		LG Electronics			-				
• •									
	tion:		ger/ Headset						
ode:		LTE_16QAM E	and 26 Harmon	iics, 1.4MHz B	andwidth				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
ow Ch, 81	4.7								
529.40	-26.7	V	3.0	37.1	1.0	-62.8	-13.0	-49.8	
44.10	-5.1	V	3.0	36.4	1.0	-40.5	-13.0		
258.80	-21.6				1.0				
		H	3.0	36.2	1.0	-56.3	-13.0	-43.3	
		п	3.0	30.1	1.0	-57.0	-13.0	-44.0	
		V	3.0	37.0	1 0	62.1	13.0	/9.1	
		à							
544.90									
93.20	-21.5	H	3.0	36.1	1.0	-56.6	-13.0	-43.6	
	f mHz wr Ch, 81 29.40 44.10 58.80 29.40 44.10 58.80 29.40 44.10 58.80 d Ch, 81 63.00 94.50 26.00 63.00 94.50 26.00 gh Ch, 84 96.60 44.90	f SG reading (dBm) over 000 ode: 000 work, 814.7 000 29.40 -26.7 44.10 -5.1 58.80 -21.6 29.40 -27.8 44.10 -9.1 58.80 -21.1 dCh, 831.5 63.00 63.00 -26.9 94.50 -7.3 26.00 -21.3 63.00 -27.9 94.50 -17.4 26.00 -21.9 9h Ch, 848.3 96.60 93.20 -21.3 93.20 -21.3 96.60 -27.9 44.90 -16.7	f SG reading chains Ant. Pol. Chamber G ode: LTE_16QAM E f SG reading (dBm) Ant. Pol. (H/V) wc h, 814.7 29.40 -26.7 29.40 -26.7 V 88.80 -21.6 V 29.40 -26.7 V 44.10 -5.1 V 58.80 -21.6 V 29.40 -27.8 H 44.10 -9.1 H 58.80 -21.1 H 63.00 -26.9 V 94.50 -7.3 V 26.00 -21.3 V 94.50 -17.4 H 94.50 -17.4 H 95.60 -26.1 V 93.20 -21.3 V 96.60 -27.9 H 93.20 -21.3 V 96.60 -27.9 H 44.90 -16.7 H	A 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset pocation: Chamber G ode: LTE_16QAM Band 26 Harmon MHz (dBm) (H/V) wc h, 814.7	Are: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Batter f SG reading (H/V) (m) (dB) WCh, 814.7 (dBm) (H/V) (m) (dB) 29.40 -26.7 V 29.40 -26.7 V 3.0 36.4 36.4 38.80 -21.6 V 29.40 -27.8 H 3.0 36.4 58.80 -21.1 H 3.0 36.4 58.80 -21.1 H 3.0 36.4 58.30 -21.1 H 3.0 36.4 58.30 -21.1 H 3.0 36.4 58.30 -21.1 H 3.0 36.4 26.00 -21.3 V 3.0 36.4 26.00 -21.3 V 3.0 36.1 63.00 -27.9 H 3.0 36.1 26.00 -21.9 H 3.0 36.1 94.50 <td>Arie: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (H/V) Distance (m) Filter (dB) MHz (dBm) (H/V) (m) (dB) wCh, 814.7 29.40 -26.7 V 3.0 37.1 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -27.8 H 3.0 36.2 1.0 29.40 -27.8 H 3.0 36.4 1.0 58.80 -21.1 H 3.0 36.4 1.0 63.00 -26.9 V 3.0 36.4 1.0 94.50 -7.3 V 3.0 36.4 1.0 94.50 -7.3 V 3.0 36.4 1.0 <td< td=""><td>Atte: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) wCh, 814.7 </td><td>Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) EIRP (dBm) Limit (dBm) wr Ch, 814.7 </td><td>Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) Limit (dBm) Delta (dB) v 3.0 37.1 1.0 62.8 -13.0 49.8 44.10 -5.1 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.6 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.1 H 3.0 37.1 1.0 63.9 -13.0 -30.9 44.10 -5.1 V 3.0 36.4 1.0 44.6 -13.0 -27.5 58.80 -21.1 H 3.0 37.0 1.0 63.9 -13.0 49.9 94.50 -7.3 V 3.0 36.4 1.0 44.6 -13.0 -29.7 26.00 -27.9</td></td<></td>	Arie: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (H/V) Distance (m) Filter (dB) MHz (dBm) (H/V) (m) (dB) wCh, 814.7 29.40 -26.7 V 3.0 37.1 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -26.7 V 3.0 36.4 1.0 29.40 -27.8 H 3.0 36.2 1.0 29.40 -27.8 H 3.0 36.4 1.0 58.80 -21.1 H 3.0 36.4 1.0 63.00 -26.9 V 3.0 36.4 1.0 94.50 -7.3 V 3.0 36.4 1.0 94.50 -7.3 V 3.0 36.4 1.0 <td< td=""><td>Atte: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) wCh, 814.7 </td><td>Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) EIRP (dBm) Limit (dBm) wr Ch, 814.7 </td><td>Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) Limit (dBm) Delta (dB) v 3.0 37.1 1.0 62.8 -13.0 49.8 44.10 -5.1 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.6 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.1 H 3.0 37.1 1.0 63.9 -13.0 -30.9 44.10 -5.1 V 3.0 36.4 1.0 44.6 -13.0 -27.5 58.80 -21.1 H 3.0 37.0 1.0 63.9 -13.0 49.9 94.50 -7.3 V 3.0 36.4 1.0 44.6 -13.0 -29.7 26.00 -27.9</td></td<>	Atte: 4/13/2015 est Engineer: R.Z ponfiguration: EUT/ AC Charger/ Headset bocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) wCh, 814.7	Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) EIRP (dBm) Limit (dBm) wr Ch, 814.7	Ate: 4/13/2015 est Engineer: R.Z onfiguration: EUT/ AC Charger/ Headset ocation: Chamber G ode: LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) Limit (dBm) Delta (dB) v 3.0 37.1 1.0 62.8 -13.0 49.8 44.10 -5.1 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.6 V 3.0 36.4 1.0 40.5 -13.0 -27.5 58.80 -21.1 H 3.0 37.1 1.0 63.9 -13.0 -30.9 44.10 -5.1 V 3.0 36.4 1.0 44.6 -13.0 -27.5 58.80 -21.1 H 3.0 37.0 1.0 63.9 -13.0 49.9 94.50 -7.3 V 3.0 36.4 1.0 44.6 -13.0 -29.7 26.00 -27.9

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		Abo	UL Ve 1GHz Hig	Verification gh Frequen			asuremei	nt	
Company:		LG Electronics			-				
Project #:									
-		15 20413							
-			ger/Headset						
Location:		Chamber G							
Mode:		LTE_QPSK Ba	nd 26 Harmonio	cs, 1.4MHz Ba	ndwidth				
			D! (5 %	FIDD		D.K.	
									Notes
		(1/2)	(11)	(ub)	(ub)	(ubiii)	(ubiii)	(00)	
·····		v	3.0	37 1	10	.64 2	-13.0	-51.2	
	·								
3258.80		v							
1629.40		H							
2444.10	-19.3	Н	3.0	36.4	1.0	-54.8	-13.0	-41.8	
3258.80	-22.3	Н	3.0	36.2	1.0	-57.5	-13.0	-44.5	
Mid Ch, 83	1.5			1					
1663.00	-27.3	V	3.0	37.0	1.0	-63.3	-13.0	-50.3	
2494.50			3.0		1.0	-44.7	-13.0		
		H	3.0	36.1	1.0	-57.3	-13.0	-44.3	
			2.0	27.0	4.0	C2 4	43.0	E0.4	
		à							
3393.20		H				٠			
	Configura Location: Mode: Mode: MHz Low Ch, 81 1629.40 2444.10 3258.80 1629.40 2444.10 3258.80 Mid Ch, 83 1663.00 2494.50 3326.00 1663.00 2494.50 3326.00 High Ch, 84 1696.60 2544.90 3393.20	Fest Engineer: Configuration: Location: Mode: Mode: Mode: Mode: Mode: SG reading (dBm) Low Ch, 814.7 Configuration: 1629.40 -28.1 2444.10 -8.3 3258.80 -21.2 1629.40 -28.9 2444.10 -19.3 3258.80 -22.3 Mid Ch, 831.5 1663.00 -27.3 1663.00 -27.3 2494.50 -19.3 3326.00 -21.2 1663.00 -22.2 High Ch, 848.3 159.6 22.2 High Ch, 848.3 159.4 13.1 33326.00 -22.1 13.1 33326.00 -22.1 13.1 1596.60 -27.1 2544.90 -13.6	Test Engineer: R.Z Configuration: EUT/ AC Charge Location: Chamber G Mode: LTE_QPSK Ba f SG reading (dBm) Ant. Pol. (H/V) Low Ch, 814.7 Coastion: 1629.40 -28.1 V 2444.10 -8.3 V 3258.80 -21.2 V 1663.00 -27.3 V 2326.00 -21.2 V 1663.00 -27.3 V 23326.00 -21.2 V 1663.00 -27.3 V 23326.00 -21.2 V 1663.00 -27.3 V 3326.00 -21.2 V 1663.00 -27.3 V 3326.00 -21.2 V 1663.00 -27.1 V 2394.50 -19.9 H 3326.00 -22.2 H High Ch, 848.3 U U 1696.60 -27.7 V	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmoni Mode: LTE_QPSK Band 26 Harmoni Mode: LTE_QPSK Band 26 Harmoni Mail Constraint Constraint Mail Constraint V 3.0 Zet44.10 -8.3 V 3.0 258.80 -21.2 V 3.0 2444.10 -19.3 H 3.0 258.80 -22.3 H 3.0 2444.10 -19.3 H 3.0 2494.50 -9.3 V 3.0 2494.50 -9.3 V 3.0 2494.50 -19.9 H 3.0 <	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmonics, 1.4MHz Band Mde: LTE_QPSK Band 26 Harmonics, 1.4MHz Band MHz (dBm) (H/V) (m) (dB) Low Ch, 814.7	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) Low Ch, 814.7	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dBm) EIRP (dBm) Low Ch, 814.7	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmonics, 1.4MHz Bandwidth f SG reading (dBm) Ant. Pol. (H/V) Distance (m) Preamp (dB) Filter (dB) EIRP (dBm) Limit (dBm) Low Ch, 814.7	Test Engineer: R.Z Configuration: EUT/ AC Charger/ Headset Location: Chamber G Mode: LTE_QPSK Band 26 Harmonics, 1.4MHz Bandwidth MHz (dBm) (dHV) Distance Preamp Filter EIRP Limit Delta MHz (dBm) (HV) (m) (dB) (dBm) (dB) (dB) Low Ch, 814.7

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LTE Band 41

		Abo	Com ve 1GHz Hig	pliance Cer gh Frequen			asureme	nt	
Company:		LG							
Project #:		15 20413							
-									
Date:		4/13/2015							
Test Engi		R.Z							
Configura	tion:	EUT/AC Charg	er/Headset						
Location:		Chamber G							
Mode:		LTE_16QAM E	and 41 Harmon	iics, 20MHz Ba	andwidth				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
Low Ch, 25				ļ					
5012.00	-15.0	V	3.0	35.5	1.0	-49.4	-25.0	-24.4	
7518.00	-10.1	V	3.0	35.7	1.0	-44.9	-25.0	-19.9	
10024.00	-13.2	V	3.0	36.0	1.0	-48.2	-25.0	-23.2	
5012.00	-17.1	H	3.0	35.5	1.0	-51.6	-25.0	-26.6	
7518.00	-13.8	H	3.0	35.7	1.0	-48.5	-25.0	-23.5	
10024.00	-16.2	H	3.0	36.0	1.0	-51.2	-25.0	-26.2	
Mid Ch, 25 5186.00	-11.7	V	3.0	35.4	1.0	-46.1	-25.0	-21.1	
7779.00	-11.7 -13.4	V	3.0	35.4 35.8	1.0	-40.1	-25.0	-21.1 -23.2	
	-13.4 -10.8	V	3.0	35.8	1.0	-40.2	-25.0	-23.2 -20.6	
10372.00	-10.8	H	3.0	35.4	1.0	-43.0	-25.0	-20.0	
10372.00 5186.00		H	3.0	35.4	1.0	-49.8	-25.0	-24.8	
5186.00	-10.0		3.0	35.8	1.0	-48.2	-25.0	-23.2	
5186.00 7779.00	-15.0 -13.4	Н				1			
5186.00 7779.00 10372.00	-13.4	H							
5186.00 7779.00 10372.00 High Ch, 20 5360.00	-13.4	H V	3.0	35.4	1.0	-52.9	-25.0	-27.9	
5186.00 7779.00 10372.00 High Ch, 20	-13.4 580		•	35.4 35.8	1.0 1.0	-52.9 -49.2	-25.0 -25.0	-27.9 -24.2	
5186.00 7779.00 10372.00 High Ch, 20 5360.00 8040.00 10720.00	-13.4 80 -18.5	v	3.0					-24.2 -24.3	
5186.00 7779.00 10372.00 High Ch, 20 5360.00	-13.4 580 -18.5 -14.4	V V V H	3.0 3.0	35.8	1.0	-49.2	-25.0	-24.2	
5186.00 7779.00 10372.00 High Ch, 20 5360.00 8040.00 10720.00	-13.4 680 -18.5 -14.4 -14.6	V V V	3.0 3.0 3.0	35.8 35.7	1.0 1.0	-49.2 -49.3	-25.0 -25.0	-24.2 -24.3	

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		Abo	Com ve 1GHz Hig	pliance Cer gh Frequen			asuremei	nt	
Company:	:	LG							
Project #:		15 20413							
Date:		4/13/2015							
Test Engi	neer:	R.Z							
Configura		EUT/AC Charg	er/Headset						
Location:		Chamber G							
Mode:			and 41 Harmoni	cs, 20MHz Ban	dwidth				
	C reading	Ant. Pol.	Distance	Droome	Filter	EIRP	1 inste	Datta	Natas
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	(dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 25			()			lanu	(ubiii)		
5012.00	-17.5	v	3.0	35.5	1.0	-51.9	-25.0	-26.9	
7518.00	-8.1	v	3.0	35.7	1.0	-42.9	-25.0	-17.9	
10024.00	-17.0	V	3.0	36.0	1.0	-52.0	-25.0	-27.0	
5012.00	-16.6	Н	3.0	35.5	1.0	-51.1	-25.0	-26.1	
7518.00	-7.7	Н	3.0	35.7	1.0	-42.5	-25.0	-17.5	
10024.00	-16.7	Н	3.0	36.0	1.0	-51.7	-25.0	-26.7	
Mid Ch, 25									
5186.00	-17.7	V	3.0	35.4	1.0	-52.1	-25.0	-27.1	
7779.00	-11.6	V	3.0	35.8	1.0	-46.4	-25.0	-21.4	
10372.00	-11.2	V	3.0	35.8	1.0	-46.1	-25.0	-21.1	
5186.00	-16.4	Н	3.0	35.4	1.0	-50.9	-25.0	-25.9	
7779.00	-13.4	H	3.0	35.8	1.0	-48.2	-25.0	-23.2	
10372.00	-13.9	H	3.0	35.8	1.0	-48.7	-25.0	-23.7	
High Ch, 26 5360.00	-19.5	v	3.0	35.4	1.0	-53.9	-25.0	-28.9	
5360.00 8040.00	-19.5	V V	3.0	35.8	1.0	-53.9 -48.3	-23.0 -25.0	-28.9 -23.3	
10720.00	-13.5	v	3.0	35.0 35.7	1.0	-40.3 -48.4	-25.0	-23.3 -23.4	
5360.00	-13.7	V H	3.0	35.4	1.0	-40.4	-25.0	-23.4	
	-13.5	H	3.0	35.8	1.0	-49.5	-25.0	-24.5	
0040.00	-14.2	H	3.0	35.7	1.0	-48.9	-25.0	-23.9	
8040.00 10720.00			J.V		1.0	-10.5	-23.0	-23.3	

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		Abo	Com ve 1GHz Hig	pliance Cer gh Frequen			asuremei	nt	
Company:		LG							
Project #:		15 20413							
Date:		4/13/2015							
Test Engi	neer	R.Z							
Configura		EUT/AC Charg	or/Hoadcot						
Location:		Chamber G	cirileauser						
Mode:		LTE 16QAM B	and 41 Harris	ing 16MHz D-	n duui dith				
inouc.		212_10@ W 2		100, 100012 00	namati				
f MHz	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP (dBm)	Limit	Delta (dB)	Notes
Low Ch, 25	(dBm)	(H/V)	<u>(m)</u>	(dB)	(dB)	(dBm)	(dBm)	(ab)	
5007.00	-15.6	v	3.0	35.5	1.0	-50.0	-25.0	-25.0	
7510.50	-13.0	v	3.0	35.7	1.0	-30.0	-25.0	-22.8	
10014.00	-18.0	v	3.0	36.0	1.0	-53.0	-25.0	-28.0	
5007.00	-16.4	, v H	3.0	35.5	1.0	-50.9	-25.0	-25.9	
7510.50	-11.1	H	3.0	35.7	1.0	-45.8	-25.0	-20.8	
10014.00	-15.2	H	3.0	36.0	1.0	-50.2	-25.0	-25.2	
Mid Ch, 25									
5186.00	-17.8	V	3.0	35.4	1.0	-52.2	-25.0	-27.2	
7779.00	-11.4	V	3.0	35.8	1.0	-46.2	-25.0	-21.2	
10372.00	-9.9	V	3.0	35.8	1.0	-44.8	-25.0	-19.8	
5186.00	-20.2	H	3.0	35.4	1.0	-54.7	-25.0	-29.7	
7779.00	-16.0	H	3.0	35.8	1.0	-50.8	-25.0	-25.8	
10372.00	-9.6	Н	3.0	35.8	1.0	-44.4	-25.0	-19.4	
High Ch, 20									
5365.00	-20.2	V	3.0	35.4	1.0	-54.6	-25.0	-29.6	
	-13.8	V	3.0	35.8	1.0	-48.6	-25.0	-23.6	
8047.50	-13.6	V	3.0	35.7	1.0	-48.3	-25.0	-23.3	
8047.50 10730.00	-17.2	Н	3.0 3.0	35.4	1.0	-51.6	-25.0	-26.6	
8047.50 10730.00 5365.00			5 0	35.8	1.0	-52.9	-25.0	-27.9 -22.5	
8047.50 10730.00	-18.1 -12.8	H H	3.0	35.7	1.0	-47.5	-25.0		

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		Abo	Com ve 1GHz Hig	pliance Cer gh Frequen			asureme	nt	
Company:		LG							
Project #:		15 20413							
Date:		4/13/2015							
Test Engi	neer:	R.Z							
Configura		EUT/AC Charg	er/Headset						
Location:		Chamber G	onnoudoor						
Mode:			and 41 Harmoni	cs. 15MHz Ban	idwidth				
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 25		(п/v)	<u> (m)</u>	(dB)	(ub)		(apili)	(UD)	
5007.00	-16.5	v	3.0	35.5	1.0	-50.9	-25.0	-25.9	
7510.50	-14.0	v	3.0	35.7	1.0	-30.5	-25.0	-23.8	
10014.00	-17.6	v	3.0	36.0	1.0	-52.6	-25.0	-27.6	
5007.00	-16.6	Ĥ	3.0	35.5	1.0	-51.1	-25.0	-26.1	
7510.50	-13.3	H	3.0	35.7	1.0	-48.0	-25.0	-23.0	
10014.00	-15.8	Н	3.0	36.0	1.0	-50.8	-25.0	-25.8	
Mid Ch, 25	93		•						
5186.00	-22.5	V	3.0	35.4	1.0	-56.9	-25.0	-31.9	
7779.00	-15.1	V	3.0	35.8	1.0	-49.9	-25.0	-24.9	
10372.00	-9.4	V	3.0	35.8	1.0	-44.3	-25.0	-19.3	
5186.00	-18.5	Н	3.0	35.4	1.0	-52.9	-25.0	-27.9	
7779.00	-15.7	H	3.0	35.8	1.0	-50.5	-25.0	-25.5	
	-12.2	Н	3.0	35.8	1.0	-47.0	-25.0	-22.0	
10372.00									
High Ch, 20	-19.1	V	3.0	35.4	1.0	-53.5	-25.0	-28.5	
High Ch, 20 5365.00		V	3.0	35.8 35.7	1.0 1.0	-49.3	-25.0	-24.3	
High Ch, 20 5365.00 8047.50	-14.5	. v			1.0	-50.0	-25.0	-25.0	
High Ch, 20 5365.00 8047.50 10730.00	-14.5 -15.3	V	3.0			50 C			
High Ch, 20 5365.00 8047.50 10730.00 5365.00	-14.5 -15.3 -18.2	H	3.0	35.4	1.0	-52.6	-25.0	-27.6	
High Ch, 20 5365.00 8047.50 10730.00	-14.5 -15.3					-52.6 -52.4 -49.2	-25.0 -25.0 -25.0	-27.6 -27.4 -24.2	

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		Abo	U ve 1GHz Hig	L Verificatio gh Frequen			asureme	nt	
Company:		LG							
Project #:		15 20413							
Date:		04/13/15							
Test Engi	neer:	R.Z							
Configura		EUT/AC Charg	or/Hondcot						
Location:		Chamber G	ciricausei						
Mode:		LTE 16QAM B	and 41 U		un du vi dè la				
moue.				iic3, 10iiii 12 Da	nawiatii				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
Low Ch, 25		V	2.0	25.5	1.0	40.0	25.0	-24.8	
5002.00 7503.00	-15.4 -10.3	V V	3.0 3.0	35.5 35.7	1.0 1.0	-49.8 -45.1	-25.0 -25.0	-24.8 -20.1	
10004.00	-10.5 -15.5	V	3.0 3.0	36.0	1.0	-43.1	-25.0	-20.1	
5002.00	-15.5 -15.7	V H	3.0 3.0	35.5	1.0	-50.5	-25.0	-25.5 -25.1	
7503.00	-13.7 -12.2	H	3.0	35.7	1.0	-46.9	-25.0	-23.1	
10004.00	-12.2	H	3.0	36.0	1.0	-40.5	-25.0	-26.6	
Mid Ch, 259			3.0		1.0	-91.0	-23.0	-20.0	
5186.00	-17.4	V	3.0	35.4	1.0	-51.8	-25.0	-26.8	
7779.00	-14.6	v	3.0	35.8	1.0	-49.4	-25.0	-24.4	
10372.00	-3.2	v	3.0	35.8	1.0	-38.1	-25.0	-13.1	
5186.00	-12.3	Ĥ	3.0	35.4	1.0	-46.8	-25.0	-21.8	
7779.00	-13.0	Н	3.0	35.8	1.0	-47.8	-25.0	-22.8	
	-11.4	Н	3.0	35.8	1.0	-46.2	-25.0	-21.2	
10372.00	85			Î			•		
10372.00 High Ch, 26	Y	V	3.0	35.4	1.0	-54.0	-25.0	-29.0	
	-19.5		3.0	35.8	1.0	-46.8	-25.0	-21.8	
High Ch, 26	-19.5 -12.0	V				-43.4	-25.0	-18.4	
High Ch, 26 5370.00 8055.00 10740.00	-12.0 -8.7	V	3.0	35.7	1.0				
High Ch, 26 5370.00 8055.00 10740.00 5370.00	-12.0 -8.7 -18.4	V H	3.0	35.4	1.0 1.0	-52.8	-25.0	-27.8	
High Ch, 26 5370.00 8055.00 10740.00	-12.0 -8.7	V					-25.0 -25.0 -25.0	-27.8 -27.5 -25.1	

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		Abo	U ve 1GHz Hig	L Verificatio gh Frequen			asureme	nt	
Company:		LG							
Project #:		15 20413							
Date:		04/13/15							
Test Engi	neer:	R.Z							
Configura		EUT/AC Charg	er/Headset						
Location:		Chamber G	on readout						
Mode:		LTE_QPSK Ba	nd 41 Harmoni	ce 10MHz Bar	dwidth				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz Low Ch, 25	(dBm)	(H/V)	<u>(m)</u>	(dB)	(dB)	(dBm)	(dBm)	(dB)	
5002.00	-13.2	V	3.0	35.5	1.0	-47.6	-25.0	-22.6	
7503.00	-13.2 -8.2	v	3.0	35.7	1.0	-47.0	-25.0	-22.6	
10004.00	-0.2	v	3.0	36.0	1.0	-42.5	-25.0	-17.5	
5002.00	-16.2	v H	3.0	35.5	1.0	-50.6	-25.0	-25.6	
7503.00	-11.0	H	3.0	35.7	1.0	-45.7	-25.0	-20.7	
10004.00	-16.1	H	3.0	36.0	1.0	-51.1	-25.0	-26.1	
Mid Ch, 259									
5186.00	-12.5	V	3.0	35.4	1.0	-46.9	-25.0	-21.9	
7779.00	-11.5	V	3.0	35.8	1.0	-46.3	-25.0	-21.3	
10372.00	-8.2	V	3.0	35.8	1.0	-43.1	-25.0	-18.1	
5186.00	-18.5	Н	3.0	35.4	1.0	-53.0	-25.0	-28.0	
7779.00	-16.3	H	3.0	35.8	1.0	-51.1	-25.0	-26.1	
10372.00	-14.0	Н	3.0	35.8	1.0	-48.8	-25.0	-23.8	
High Ch, 26									
5370.00	-19.3	V	3.0	35.4	1.0	-53.8	-25.0	-28.8	
8055.00	-14.9	V	3.0	35.8	1.0	-49.7	-25.0	-24.7	
	-13.6	V	3.0	35.7	1.0	-48.3	-25.0	-23.3	
10740.00	-19.3	H	3.0	35.4	1.0	-53.7	-25.0	-28.7	
5370.00		H	3.0	35.8	1.0 1.0	-50.8 -51.5	-25.0 -25.0	-25.8 -26.5	
	-16.0 -14.5	Н	3.0	38.0					

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			Abo	U ve 1GHz Hig	L Verificatio gh Frequen			asureme	nt	
Co	ompany:		LG							
Pre	oject #:		15 20413							
Da	ite:		04/13/15							
	st Engi	neer:	R.Z							
	onfigura		EUT/AC Charg	or/Hondcot						
	cation:	uon.	Chamber G	enneauser						
	ode:			and 41 Harmon		1.2.10				
inc	Juc.				ica, awi iz Dai	awidth				
_	f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
	MHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
	w Ch, 24		.,		25.5	4.0	40.0	25.0		
	97.00	-14.9	V V	3.0	35.5	1.0	-49.3	-25.0	-24.3	-63.0
	95.50	-14.2		3.0	35.7	1.0	-49.0	-25.0	-24.0	-66.5
	94.00	-14.5	V H	3.0	36.0	1.0	-49.5	-25.0	-24.5	-69.9
	97.00 95.50	-17.6	H	3.0 3.0	35.5 35.7	1.0	-52.0 -48.5	-25.0	-27.0 -23.5	-66.0
	93.30 94.00	-13.8 -15.3	H	3.0 3.0	35.7 36.0	1.0 1.0	-48.5 -50.3	-25.0 -25.0	-23.5 -25.3	-67.0 -71.5
	d Ch, 259		Π	3.0	30.0	1.0	-30.3	-23.0	-23.3	-/1.3
	a cn, 259 86.00	-19.6	V	3.0	35.4	1.0	-54.0	-25.0	-29.0	-68.1
	79.00	-13.0	v	3.0	35.8	1.0	-34.0	-25.0	-22.0	-64.8
	372.00	-3.6	v	3.0	35.8	1.0	-38.5	-25.0	-13.5	-59.3
	36.00	-18.1	Ĥ	3.0	35.4	1.0	-52.6	-25.0	-27.6	-67.1
	79.00	-14.7	H	3.0	35.8	1.0	-49.5	-25.0	-24.5	-68.3
	372.00	-11.9	Н	3.0	35.8	1.0	-46.7	-25.0	-21.7	-68.1
	h Ch, 26									
	75.00	-9.8	V	3.0	35.4	1.0	-44.3	-25.0	-19.3	-58.7
	52.50	-15.2	V	3.0	35.8	1.0	-50.0	-25.0	-25.0	-68.2
806	750.00	-14.1	V	3.0	35.7	1.0	-48.8	-25.0	-23.8	-70.1
	75.00	-20.9	H	3.0	35.4	1.0	-55.4	-25.0	-30.4	-70.3
107 537		-17.6	H H	3.0	35.8	1.0	-52.4	-25.0	-27.4	-71.5
107 537 806	52.50 750.00	-16.2		3.0	35.7	1.0	-50.9	-25.0	-25.9	-72.4

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		Abo	U ve 1GHz Hig	L Verificatio gh Frequen			asureme	nt	
Company:		LG							
Project #:		15 20413							
Date:		04/13/15							
Test Engi	neer:	R.Z							
Configura			as/Lisedaat						
-	uon.	EUT/AC Charg	enneauset						
Location: Mode:		Chamber G							
moue.			and 41 Harmonio		WIGHT				
f	SG reading	Ant. Pol.	Distance	Preamp	Filter	EIRP	Limit	Delta	Notes
MHz	(dBm)	(H/V)	<u>(m)</u>	(dB)	(dB)	(dBm)	(dBm)	(dB)	
Low Ch, 24									
4997.00	-16.8	V	3.0	35.5	1.0	-51.2	-25.0	-26.2	
7495.50	-13.4	V V	3.0	35.7	1.0	-48.2	-25.0	-23.2	
9994.00	-15.9 -16.6	V H	3.0 3.0	36.0 35.5	1.0 1.0	-50.9 -51.0	-25.0 -25.0	-25.9 -26.0	
4997.00 7495.50	-16.6 -14.5	н Н	3.0	35.5 35.7	1.0	-31.0	-25.0 -25.0	-26.0 -24.2	
7495.50 9994.00	-14.5 -15.4	H H	3.0	36.0	1.0	-49.2	-25.0	-24.2 -25.4	
Mid Ch, 259			5.0	50.0	1.V	-30.4	-£J.U	-23.4	
5186.00	-19.0	V	3.0	35.4	1.0	-53.4	-25.0	-28.4	
7779.00	-11.8	v	3.0	35.8	1.0	-46.6	-25.0	-21.6	
10372.00	-8.5	v	3.0	35.8	1.0	-43.4	-25.0	-18.4	
5186.00	-4.9	H	3.0	35.4	1.0	-39.4	-25.0	-14.4	
7779.00	-14.4	Н	3.0	35.8	1.0	-49.2	-25.0	-24.2	
10372.00	-11.6	Н	3.0	35.8	1.0	-46.5	-25.0	-21.5	
High Ch, 26									
5375.00	-20.0	V	3.0	35.4	1.0	-54.5	-25.0	-29.5	
8062.50	-14.0	V	3.0	35.8	1.0	-48.8	-25.0	-23.8	
	-12.5	V	3.0	35.7	1.0	-47.1	-25.0	-22.1	
10750.00	-21.0	H	3.0	35.4	1.0	-55.5	-25.0	-30.5	
10750.00 5375.00		Н	3.0	35.8 35.7	1.0 1.0	-50.0 -48.7	-25.0 -25.0	-25.0 -23.7	
10750.00	-15.2 -14.0	Н	3.0						

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