

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		LG Electronics								
Project #:		15I20413								
Date:		4/13/2015								
Test Engineer:		R.Z								
Configuration:		EUT/ AC Charger/ Headset								
Location:		Chamber G								
Mode:		LTE_QPSK Band 26 Harmonics, 3MHz Bandwidth								
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Band	Low Ch, 815.5									
	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	2.1	H	3.0	36.4	1.0	-33.3	-13.0	-20.3	
LTE26	3262.00	-20.9	H	3.0	36.2	1.0	-56.1	-13.0	-43.1	
	3MHz									
QPSK	Mid Ch, 831.5									
	1663.00	-25.6	V	3.0	37.0	1.0	-61.6	-13.0	-48.6	
	2494.50	-17.6	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	H	3.0	36.4	1.0	-55.7	-13.0	-42.7	
	High Ch, 847.5									
	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	
	3390.00	-21.9	V	3.0	36.1	1.0	-57.0	-13.0	-44.0	
	1695.00	-28.5	H	3.0	37.0	1.0	-64.5	-13.0	-51.5	
	2542.50	-23.6	H	3.0	36.4	1.0	-59.1	-13.0	-46.1	
	3390.00	-21.1	H	3.0	36.1	1.0	-56.2	-13.0	-43.2	

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
Company:		LG Electronics							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/ AC Charger/ Headset							
Location:		Chamber G							
Mode:		LTE_16QAM Band 26 Harmonics, 1.4MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 814.7									
1629.40	-26.7	V	3.0	37.1	1.0	-62.8	-13.0	-49.8	
2444.10	-5.1	V	3.0	36.4	1.0	-40.5	-13.0	-27.5	
3258.80	-21.6	V	3.0	36.2	1.0	-56.8	-13.0	-43.8	
1629.40	-27.8	H	3.0	37.1	1.0	-63.9	-13.0	-50.9	
2444.10	-9.1	H	3.0	36.4	1.0	-44.6	-13.0	-31.6	
3258.80	-21.1	H	3.0	36.2	1.0	-56.3	-13.0	-43.3	
Mid Ch, 831.5									
1663.00	-26.9	V	3.0	37.0	1.0	-62.9	-13.0	-49.9	
2494.50	-7.3	V	3.0	36.4	1.0	-42.7	-13.0	-29.7	
3326.00	-21.3	V	3.0	36.1	1.0	-56.4	-13.0	-43.4	
1663.00	-27.9	H	3.0	37.0	1.0	-63.9	-13.0	-50.9	
2494.50	-17.4	H	3.0	36.4	1.0	-52.8	-13.0	-39.8	
3326.00	-21.9	H	3.0	36.1	1.0	-57.0	-13.0	-44.0	
High Ch, 848.3									
1696.60	-26.1	V	3.0	37.0	1.0	-62.1	-13.0	-49.1	
2544.90	-14.2	V	3.0	36.4	1.0	-49.6	-13.0	-36.6	
3393.20	-21.3	V	3.0	36.1	1.0	-56.3	-13.0	-43.3	
1696.60	-27.9	H	3.0	37.0	1.0	-63.9	-13.0	-50.9	
2544.90	-16.7	H	3.0	36.4	1.0	-52.1	-13.0	-39.1	
3393.20	-21.5	H	3.0	36.1	1.0	-56.6	-13.0	-43.6	

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
Company:		LG Electronics							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/ AC Charger/ Headset							
Location:		Chamber G							
Mode:		LTE_QPSK Band 26 Harmonics, 1.4MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 814.7									
1629.40	-28.1	V	3.0	37.1	1.0	-64.2	-13.0	-51.2	
2444.10	-8.3	V	3.0	36.4	1.0	-43.7	-13.0	-30.7	
3258.80	-21.2	V	3.0	36.2	1.0	-56.3	-13.0	-43.3	
1629.40	-28.9	H	3.0	37.1	1.0	-65.0	-13.0	-52.0	
2444.10	-19.3	H	3.0	36.4	1.0	-54.8	-13.0	-41.8	
3258.80	-22.3	H	3.0	36.2	1.0	-57.5	-13.0	-44.5	
Mid Ch, 831.5									
1663.00	-27.3	V	3.0	37.0	1.0	-63.3	-13.0	-50.3	
2494.50	-9.3	V	3.0	36.4	1.0	-44.7	-13.0	-31.7	
3326.00	-21.2	V	3.0	36.1	1.0	-56.3	-13.0	-43.3	
1663.00	-28.0	H	3.0	37.0	1.0	-64.0	-13.0	-51.0	
2494.50	-19.9	H	3.0	36.4	1.0	-55.3	-13.0	-42.3	
3326.00	-22.2	H	3.0	36.1	1.0	-57.3	-13.0	-44.3	
High Ch, 848.3									
1696.60	-27.1	V	3.0	37.0	1.0	-63.1	-13.0	-50.1	
2544.90	-13.1	V	3.0	36.4	1.0	-48.5	-13.0	-35.5	
3393.20	-21.3	V	3.0	36.1	1.0	-56.3	-13.0	-43.3	
1696.60	-27.7	H	3.0	37.0	1.0	-63.7	-13.0	-50.7	
2544.90	-15.6	H	3.0	36.4	1.0	-51.0	-13.0	-38.0	
3393.20	-21.0	H	3.0	36.1	1.0	-56.1	-13.0	-43.1	

LTE Band 41

Compliance Certification Services									
Above 1GHz High Frequency Substitution Measurement									
Company:		LG							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/AC Charger/Headset							
Location:		Chamber G							
Mode:		LTE_16QAM Band 41 Harmonics, 20MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2506									
Band	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
LTE41	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
20MHz	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, 2593									
16QAM	5186.00	-11.7	V	3.0	35.4	1.0	-46.1	-25.0	-21.1
	7779.00	-13.4	V	3.0	35.8	1.0	-48.2	-25.0	-23.2
	10372.00	-10.8	V	3.0	35.8	1.0	-45.6	-25.0	-20.6
	5186.00	-19.8	H	3.0	35.4	1.0	-54.3	-25.0	-29.3
	7779.00	-15.0	H	3.0	35.8	1.0	-49.8	-25.0	-24.8
	10372.00	-13.4	H	3.0	35.8	1.0	-48.2	-25.0	-23.2
High Ch, 2680									
	5360.00	-18.5	V	3.0	35.4	1.0	-52.9	-25.0	-27.9
	8040.00	-14.4	V	3.0	35.8	1.0	-49.2	-25.0	-24.2
	10720.00	-14.6	V	3.0	35.7	1.0	-49.3	-25.0	-24.3
	5360.00	-20.8	H	3.0	35.4	1.0	-55.2	-25.0	-30.2
	8040.00	-15.9	H	3.0	35.8	1.0	-50.7	-25.0	-25.7
	10720.00	-16.1	H	3.0	35.7	1.0	-50.8	-25.0	-25.8

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement									
Company:		LG							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/AC Charger/Headset							
Location:		Chamber G							
Mode:		LTE_QPSK Band 41 Harmonics, 20MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2506									
Band	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
LTE41	10024.00	-17.0	V	3.0	36.0	1.0	-52.0	-25.0	-27.0
	5012.00	-16.6	H	3.0	35.5	1.0	-51.1	-25.0	-26.1
	7518.00	-7.7	H	3.0	35.7	1.0	-42.5	-25.0	-17.5
20MHz	10024.00	-16.7	H	3.0	36.0	1.0	-51.7	-25.0	-26.7
Mid Ch, 2593									
QPSK	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	H	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, 2680									
	5360.00	-19.5	V	3.0	35.4	1.0	-53.9	-25.0	-28.9
	8040.00	-13.5	V	3.0	35.8	1.0	-48.3	-25.0	-23.3
	10720.00	-13.7	V	3.0	35.7	1.0	-48.4	-25.0	-23.4
	5360.00	-19.5	H	3.0	35.4	1.0	-53.9	-25.0	-28.9
	8040.00	-14.7	H	3.0	35.8	1.0	-49.5	-25.0	-24.5
	10720.00	-14.2	H	3.0	35.7	1.0	-48.9	-25.0	-23.9

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement									
Company:		LG							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/AC Charger/Headset							
Location:		Chamber G							
Mode:		LTE_16QAM Band 41 Harmonics, 15MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2503.5									
Band	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	-47.8	-25.0	-22.8
LTE41	10014.00	-18.0	V	3.0	36.0	1.0	-53.0	-25.0	-28.0
	5007.00	-16.4	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
15MHz	10014.00	-15.2	H	3.0	36.0	1.0	-50.2	-25.0	-25.2
Mid Ch, 2593									
16QAM	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	H	3.0	35.8	1.0	-44.4	-25.0	-19.4
High Ch, 2682.5									
	5365.00	-20.2	V	3.0	35.4	1.0	-54.6	-25.0	-29.6
	8047.50	-13.8	V	3.0	35.8	1.0	-48.6	-25.0	-23.6
	10730.00	-13.6	V	3.0	35.7	1.0	-48.3	-25.0	-23.3
	5365.00	-17.2	H	3.0	35.4	1.0	-51.6	-25.0	-26.6
	8047.50	-18.1	H	3.0	35.8	1.0	-52.9	-25.0	-27.9
	10730.00	-12.8	H	3.0	35.7	1.0	-47.5	-25.0	-22.5

Compliance Certification Services Above 1GHz High Frequency Substitution Measurement									
Company:		LG							
Project #:		15I20413							
Date:		4/13/2015							
Test Engineer:		R.Z							
Configuration:		EUT/AC Charger/Headset							
Location:		Chamber G							
Mode:		LTE_QPSK Band 41 Harmonics, 15MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2503.5									
Band	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	-48.8	-25.0	-23.8
LTE41	10014.00	-17.6	V	3.0	36.0	1.0	-52.6	-25.0	-27.6
	5007.00	-16.6	H	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
15MHz	10014.00	-15.8	H	3.0	36.0	1.0	-50.8	-25.0	-25.8
Mid Ch, 2593									
QPSK	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	H	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
	10372.00	-12.2	H	3.0	35.8	1.0	-47.0	-25.0	-22.0
High Ch, 2682.5									
	5365.00	-19.1	V	3.0	35.4	1.0	-53.5	-25.0	-28.5
	8047.50	-14.5	V	3.0	35.8	1.0	-49.3	-25.0	-24.3
	10730.00	-15.3	V	3.0	35.7	1.0	-50.0	-25.0	-25.0
	5365.00	-18.2	H	3.0	35.4	1.0	-52.6	-25.0	-27.6
	8047.50	-17.6	H	3.0	35.8	1.0	-52.4	-25.0	-27.4
	10730.00	-14.5	H	3.0	35.7	1.0	-49.2	-25.0	-24.2

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
Company:		LG							
Project #:		15I20413							
Date:		04/13/15							
Test Engineer:		R.Z							
Configuration:		EUT/AC Charger/Headset							
Location:		Chamber G							
Mode:		LTE_16QAM Band 41 Harmonics, 10MHz Bandwidth							
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2501									
Band	5002.00	-15.4	V	3.0	35.5	1.0	-49.8	-25.0	-24.8
	7503.00	-10.3	V	3.0	35.7	1.0	-45.1	-25.0	-20.1
LTE41	10004.00	-15.5	V	3.0	36.0	1.0	-50.5	-25.0	-25.5
	5002.00	-15.7	H	3.0	35.5	1.0	-50.1	-25.0	-25.1
	7503.00	-12.2	H	3.0	35.7	1.0	-46.9	-25.0	-21.9
10MHz	10004.00	-16.6	H	3.0	36.0	1.0	-51.6	-25.0	-26.6
Mid Ch, 2593									
16QAM	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	H	3.0	35.4	1.0	-46.8	-25.0	-21.8
	7779.00	-13.0	H	3.0	35.8	1.0	-47.8	-25.0	-22.8
	10372.00	-11.4	H	3.0	35.8	1.0	-46.2	-25.0	-21.2
High Ch, 2685									
	5370.00	-19.5	V	3.0	35.4	1.0	-54.0	-25.0	-29.0
	8055.00	-12.0	V	3.0	35.8	1.0	-46.8	-25.0	-21.8
	10740.00	-8.7	V	3.0	35.7	1.0	-43.4	-25.0	-18.4
	5370.00	-18.4	H	3.0	35.4	1.0	-52.8	-25.0	-27.8
	8055.00	-17.7	H	3.0	35.8	1.0	-52.5	-25.0	-27.5
	10740.00	-15.4	H	3.0	35.7	1.0	-50.1	-25.0	-25.1

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		LG								
Project #:		15I20413								
Date:		04/13/15								
Test Engineer:		R.Z								
Configuration:		EUT/AC Charger/Headset								
Location:		Chamber G								
Mode:		LTE_QPSK Band 41 Harmonics, 10MHz Bandwidth								
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2501									
Band	5002.00	-13.2	V	3.0	35.5	1.0	-47.6	-25.0	-22.6	
	7503.00	-8.2	V	3.0	35.7	1.0	-42.9	-25.0	-17.9	
LTE41	10004.00	-13.4	V	3.0	36.0	1.0	-48.4	-25.0	-23.4	
	5002.00	-16.2	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	
10MHz	10004.00	-16.1	H	3.0	36.0	1.0	-51.1	-25.0	-26.1	
	Mid Ch, 2593									
QPSK	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	H	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	H	3.0	35.8	1.0	-48.8	-25.0	-23.8	
	High Ch, 2685									
	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	
	10740.00	-13.6	V	3.0	35.7	1.0	-48.3	-25.0	-23.3	
	5370.00	-19.3	H	3.0	35.4	1.0	-53.7	-25.0	-28.7	
	8055.00	-16.0	H	3.0	35.8	1.0	-50.8	-25.0	-25.8	
	10740.00	-14.5	H	3.0	38.0	1.0	-51.5	-25.0	-26.5	

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		LG								
Project #:		15I20413								
Date:		04/13/15								
Test Engineer:		R.Z								
Configuration:		EUT/AC Charger/Headset								
Location:		Chamber G								
Mode:		LTE_16QAM Band 41 Harmonics, 5MHz Bandwidth								
f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes	
Low Ch, 2498.5										
Band	4997.00	-14.9	V	3.0	35.5	1.0	-49.3	-25.0	-24.3	-63.0
	7495.50	-14.2	V	3.0	35.7	1.0	-49.0	-25.0	-24.0	-66.5
LTE41	9994.00	-14.5	V	3.0	36.0	1.0	-49.5	-25.0	-24.5	-69.9
	4997.00	-17.6	H	3.0	35.5	1.0	-52.0	-25.0	-27.0	-66.0
	7495.50	-13.8	H	3.0	35.7	1.0	-48.5	-25.0	-23.5	-67.0
5MHz	9994.00	-15.3	H	3.0	36.0	1.0	-50.3	-25.0	-25.3	-71.5
Mid Ch, 2593										
16QAM	5186.00	-19.6	V	3.0	35.4	1.0	-54.0	-25.0	-29.0	-68.1
	7779.00	-12.2	V	3.0	35.8	1.0	-47.0	-25.0	-22.0	-64.8
	10372.00	-3.6	V	3.0	35.8	1.0	-38.5	-25.0	-13.5	-59.3
	5186.00	-18.1	H	3.0	35.4	1.0	-52.6	-25.0	-27.6	-67.1
	7779.00	-14.7	H	3.0	35.8	1.0	-49.5	-25.0	-24.5	-68.3
	10372.00	-11.9	H	3.0	35.8	1.0	-46.7	-25.0	-21.7	-68.1
High Ch, 2687.5										
	5375.00	-9.8	V	3.0	35.4	1.0	-44.3	-25.0	-19.3	-58.7
	8062.50	-15.2	V	3.0	35.8	1.0	-50.0	-25.0	-25.0	-68.2
	10750.00	-14.1	V	3.0	35.7	1.0	-48.8	-25.0	-23.8	-70.1
	5375.00	-20.9	H	3.0	35.4	1.0	-55.4	-25.0	-30.4	-70.3
	8062.50	-17.6	H	3.0	35.8	1.0	-52.4	-25.0	-27.4	-71.5
	10750.00	-16.2	H	3.0	35.7	1.0	-50.9	-25.0	-25.9	-72.4

UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement										
Company:		LG								
Project #:		15I20413								
Date:		04/13/15								
Test Engineer:		R.Z								
Configuration:		EUT/AC Charger/Headset								
Location:		Chamber G								
Mode:		LTE_QPSK Band 41 Harmonics, 5MHz Bandwidth								
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 2498.5									
Band	4997.00	-16.8	V	3.0	35.5	1.0	-51.2	-25.0	-26.2	
	7495.50	-13.4	V	3.0	35.7	1.0	-48.2	-25.0	-23.2	
LTE41	9994.00	-15.9	V	3.0	36.0	1.0	-50.9	-25.0	-25.9	
	4997.00	-16.6	H	3.0	35.5	1.0	-51.0	-25.0	-26.0	
	7495.50	-14.5	H	3.0	35.7	1.0	-49.2	-25.0	-24.2	
5MHz	9994.00	-15.4	H	3.0	36.0	1.0	-50.4	-25.0	-25.4	
	Mid Ch, 2593									
	5186.00	-19.0	V	3.0	35.4	1.0	-53.4	-25.0	-28.4	
QPSK	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	H	3.0	35.8	1.0	-49.2	-25.0	-24.2	
	10372.00	-11.6	H	3.0	35.8	1.0	-46.5	-25.0	-21.5	
	High Ch, 2687.5									
	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	
	10750.00	-12.5	V	3.0	35.7	1.0	-47.1	-25.0	-22.1	
	5375.00	-21.0	H	3.0	35.4	1.0	-55.5	-25.0	-30.5	
	8062.50	-15.2	H	3.0	35.8	1.0	-50.0	-25.0	-25.0	
	10750.00	-14.0	H	3.0	35.7	1.0	-48.7	-25.0	-23.7	