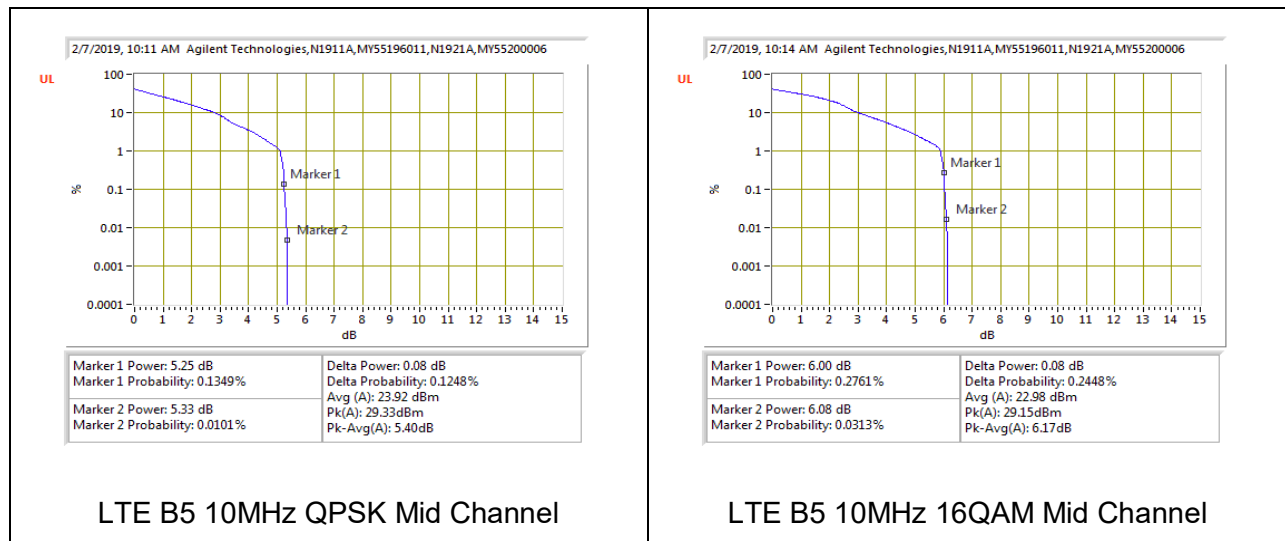
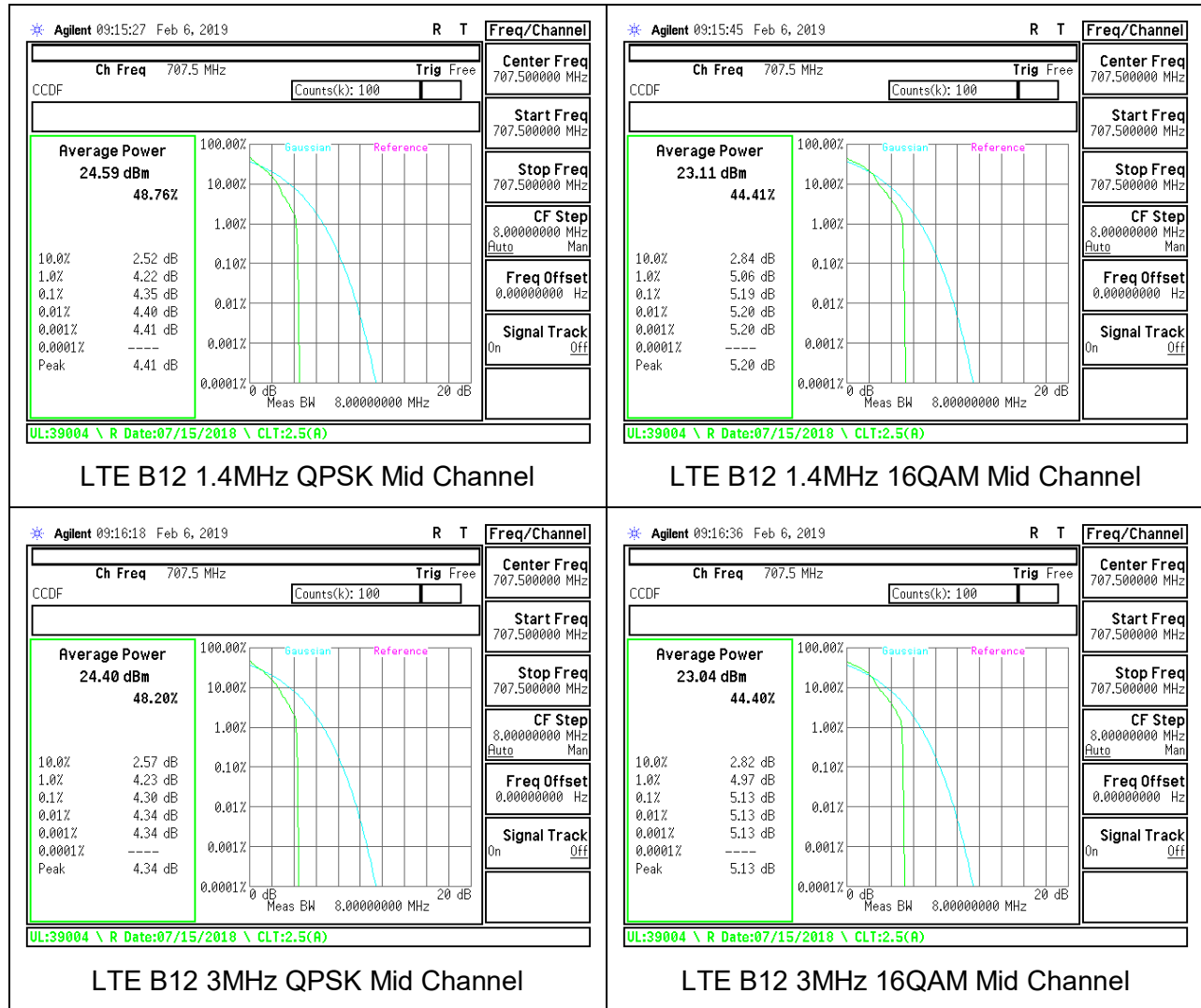
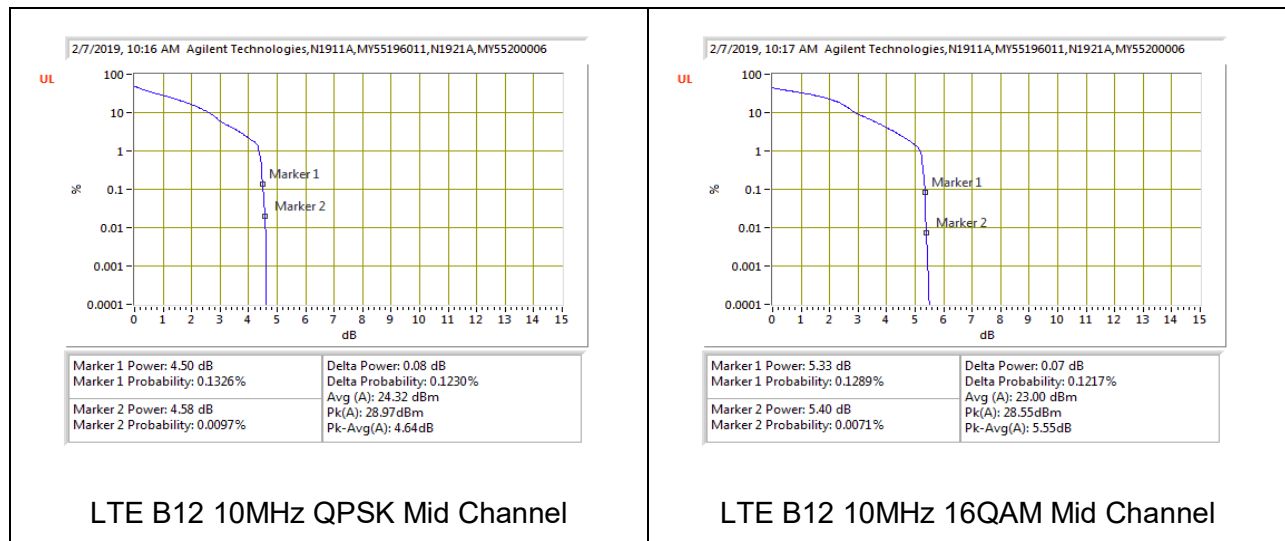




8.5.4. LTE BAND 12





9. TX SPURIOUS RADIATED TEST RESULTS

RULE PART(S)

FCC: §2.1053, §22.917, §24.238, §27.53
RSS130§4.6, RSS132§5.5; RSS133§6.5, RSS139§6.6

FCC LIMIT

FCC: §22.917(a), §24.238(a), §27.53 (g), (h)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

RSS130§4.6

4.6.1 The power of any unwanted emissions in any 100 kHz bandwidth on any frequency outside the frequency range(s) within which the equipment is designed to operate shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside the equipment's operating frequency range, a resolution bandwidth of 30 kHz may be employed.

4.6.2 In addition to the limit outlined in Section 4.6.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

- (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment, and
- (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment.

RSS132§5.5

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

- (i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).
- (ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

RSS133§6.5

Equipment shall comply with the limits in (i) and (ii) below.

- (i) In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p(\text{watts})$.
- (ii) After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p(\text{watts})$. If the measurement is performed using 1% of the emission bandwidth, power integration over 1.0 MHz is required.

RSS139§6.6

- (i) In the first 1.0 MHz bands immediately outside and adjacent to the equipment's smallest operating frequency block, Footnote 2 which can contain the equipment's occupied bandwidth, the emission power per any 1% of the emission bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least $43 + 10 \log_{10} p(\text{watts})$ dB.
- (ii) After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least $43 + 10 \log_{10} p(\text{watts})$ dB.

TEST PROCEDURE

KDB 971168 D01 v03r01/D02 v02/r01
TIA-603-E, Section 2.2.12.

MODES TESTED

- LTE Band 2
- LTE Band 4
- LTE Band 5
- LTE Band 12

RESULTS

9.1. LTE BAND 2

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 QPSK 1.4MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-74.54	Pk	30.7	-32.8	13	-63.64	-13	-50.64	0-360	149	H
3.701	-70.39	Pk	32.9	-30.3	11.9	-55.89	-13	-42.89	0-360	149	H
5.552	-72.16	Pk	34.9	-28.7	12	-53.96	-13	-40.96	0-360	149	H
7.403	-76.58	Pk	35.6	-26.1	11.7	-55.38	-13	-42.38	0-360	149	H
1.85	-75	Pk	30.7	-32.8	12.5	-64.6	-13	-51.6	0-360	149	V
3.701	-72	Pk	32.9	-30.3	12.1	-57.3	-13	-44.3	0-360	149	V
5.552	-70.73	Pk	34.9	-28.7	12.1	-52.43	-13	-39.43	0-360	149	V
7.403	-76.83	Pk	35.6	-26.1	11.8	-55.53	-13	-42.53	0-360	149	V
Mid Channel											
1.88	-71.21	Pk	30.6	-32.9	12.9	-60.61	-13	-47.61	0-360	149	H
3.76	-67.7	Pk	33	-30	11.8	-52.9	-13	-39.9	0-360	149	H
5.639	-71.01	Pk	35	-28.6	11.8	-52.81	-13	-39.81	0-360	149	H
7.52	-73.11	Pk	35.6	-25.8	11.9	-51.41	-13	-38.41	0-360	149	H
1.88	-71.75	Pk	30.6	-32.9	12.6	-61.45	-13	-48.45	0-360	149	V
3.76	-71.34	Pk	33	-30	11.8	-56.54	-13	-43.54	0-360	149	V
5.64	-69.78	Pk	35	-28.6	11.9	-51.48	-13	-38.48	0-360	149	V
7.52	-74.73	Pk	35.6	-25.8	12	-52.93	-13	-39.93	0-360	149	V
High Channel											
1.909	-72.53	Pk	30.7	-32.7	12.7	-61.83	-13	-48.83	0-360	149	H
3.818	-65.91	Pk	33.1	-30	11.6	-51.21	-13	-38.21	0-360	149	H
5.728	-50.1	Pk	35	-28.5	11.9	-31.7	-13	-18.7	0-360	149	H
7.637	-74.35	Pk	35.6	-25.8	11.8	-52.75	-13	-39.75	0-360	149	H
1.909	-73.1	Pk	30.7	-32.7	12.4	-62.7	-13	-49.7	0-360	149	V
3.818	-69.58	Pk	33.1	-30	11.4	-55.08	-13	-42.08	0-360	149	V
5.728	-53.44	Pk	35	-28.4	11.7	-35.14	-13	-22.14	0-360	149	V
7.637	-74.44	Pk	35.6	-25.8	11.9	-52.74	-13	-39.74	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 16QAM 1.4MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-74.84	Pk	30.7	-32.8	13	-63.94	-13	-50.94	0-360	149	H
3.701	-69.97	Pk	32.9	-30.3	11.9	-55.47	-13	-42.47	0-360	149	H
5.552	-73.24	Pk	34.8	-28.7	12	-55.14	-13	-42.14	0-360	149	H
7.403	-76.14	Pk	35.6	-26.1	11.7	-54.94	-13	-41.94	0-360	149	H
1.85	-75.02	Pk	30.7	-32.8	12.5	-64.62	-13	-51.62	0-360	149	V
3.701	-72.93	Pk	32.9	-30.3	12.1	-58.23	-13	-45.23	0-360	149	V
5.552	-68.5	Pk	34.9	-28.7	12.1	-50.2	-13	-37.2	0-360	149	V
7.403	-76.68	Pk	35.6	-26.1	11.8	-55.38	-13	-42.38	0-360	149	V
Mid Channel											
1.88	-72.44	Pk	30.6	-32.9	12.9	-61.84	-13	-48.84	0-360	149	H
3.76	-67.67	Pk	33	-30	11.8	-52.87	-13	-39.87	0-360	149	H
5.64	-72.96	Pk	35	-28.6	11.8	-54.76	-13	-41.76	0-360	149	H
7.52	-76.08	Pk	35.6	-25.8	11.9	-54.38	-13	-41.38	0-360	149	H
1.88	-70.51	Pk	30.6	-32.9	12.6	-60.21	-13	-47.21	0-360	149	V
3.76	-71.57	Pk	33	-30	11.8	-56.77	-13	-43.77	0-360	149	V
5.639	-69.7	Pk	35	-28.6	11.9	-51.4	-13	-38.4	0-360	149	V
7.52	-75.95	Pk	35.6	-25.8	12	-54.15	-13	-41.15	0-360	149	V
High Channel											
1.909	-74.66	Pk	30.7	-32.7	12.7	-63.96	-13	-50.96	0-360	149	H
3.818	-66.52	Pk	33.1	-30	11.6	-51.82	-13	-38.82	0-360	149	H
5.728	-53.78	Pk	35	-28.5	11.9	-35.38	-13	-22.38	0-360	149	H
7.637	-72.47	Pk	35.6	-25.8	11.8	-50.87	-13	-37.87	0-360	149	H
1.909	-72.78	Pk	30.7	-32.7	12.4	-62.38	-13	-49.38	0-360	149	V
3.818	-70.51	Pk	33.1	-30	11.4	-56.01	-13	-43.01	0-360	149	V
5.728	-53.79	Pk	35	-28.5	11.7	-35.59	-13	-22.59	0-360	149	V
7.637	-74.88	Pk	35.6	-25.8	11.9	-53.18	-13	-40.18	0-360	149	V

Company:			Qualcomm									
Project #:			12698625									
Date:			03/02/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 2 QPSK 3MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.851	-73.91	Pk	30.8	-32.8	12.9	-63.01	-13	-50.01	0-360	149	H	
3.703	-71.69	Pk	32.8	-30.3	11.9	-57.29	-13	-44.29	0-360	149	H	
5.554	-70.38	Pk	34.9	-28.7	11.9	-52.28	-13	-39.28	0-360	149	H	
7.406	-76.31	Pk	35.6	-26.2	11.7	-55.21	-13	-42.21	0-360	149	H	
1.851	-72.81	Pk	30.8	-32.8	12.4	-62.41	-13	-49.41	0-360	149	V	
3.703	-71.54	Pk	32.8	-30.3	12	-57.04	-13	-44.04	0-360	149	V	
5.554	-70.17	Pk	34.8	-28.7	12.1	-51.97	-13	-38.97	0-360	149	V	
7.406	-74.19	Pk	35.6	-26.2	11.8	-52.99	-13	-39.99	0-360	149	V	
Mid Channel												
1.88	-71.05	Pk	30.6	-32.9	12.9	-60.45	-13	-47.45	0-360	148	H	
3.76	-68.04	Pk	33	-30	11.8	-53.24	-13	-40.24	0-360	148	H	
5.64	-73.36	Pk	35	-28.6	11.8	-55.16	-13	-42.16	0-360	148	H	
7.52	-76.4	Pk	35.6	-25.8	11.9	-54.7	-13	-41.7	0-360	148	H	
1.88	-71.81	Pk	30.6	-32.9	12.6	-61.51	-13	-48.51	0-360	149	V	
3.76	-70.09	Pk	33	-30	11.8	-55.29	-13	-42.29	0-360	149	V	
5.639	-70.96	Pk	35	-28.6	11.9	-52.66	-13	-39.66	0-360	149	V	
7.52	-74.65	Pk	35.6	-25.8	12	-52.85	-13	-39.85	0-360	149	V	
High Channel												
1.908	-71.75	Pk	30.7	-32.7	12.7	-61.05	-13	-48.05	0-360	149	H	
3.817	-66.33	Pk	33.1	-30	11.7	-51.53	-13	-38.53	0-360	149	H	
5.725	-62.97	Pk	35	-28.5	11.9	-44.57	-13	-31.57	0-360	149	H	
7.634	-74.16	Pk	35.6	-25.8	11.9	-52.46	-13	-39.46	0-360	149	H	
1.908	-71.98	Pk	30.7	-32.7	12.4	-61.58	-13	-48.58	0-360	149	V	
3.817	-68.75	Pk	33.1	-30	11.4	-54.25	-13	-41.25	0-360	149	V	
5.726	-57.09	Pk	35	-28.5	11.8	-38.79	-13	-25.79	0-360	149	V	
7.635	-73.44	Pk	35.6	-25.8	12	-51.64	-13	-38.64	0-360	149	V	

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 16QAM 3MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-73.68	Pk	30.8	-32.8	12.9	-62.78	-13	-49.78	0-360	148	H
3.702	-69.58	Pk	32.8	-30.3	11.9	-55.18	-13	-42.18	0-360	148	H
5.554	-71.31	Pk	34.8	-28.7	11.9	-53.31	-13	-40.31	0-360	148	H
7.406	-77.29	Pk	35.6	-26.2	11.7	-56.19	-13	-43.19	0-360	148	H
1.851	-74.22	Pk	30.8	-32.8	12.4	-63.82	-13	-50.82	0-360	149	V
3.702	-71.56	Pk	32.8	-30.3	12.1	-56.96	-13	-43.96	0-360	149	V
5.554	-69.65	Pk	34.8	-28.7	12.1	-51.45	-13	-38.45	0-360	149	V
7.406	-76.66	Pk	35.6	-26.2	11.7	-55.56	-13	-42.56	0-360	149	V
Mid Channel											
1.88	-72.15	Pk	30.6	-32.9	12.9	-61.55	-13	-48.55	0-360	149	H
3.76	-67.79	Pk	33	-30	11.8	-52.99	-13	-39.99	0-360	149	H
5.64	-71.6	Pk	35	-28.6	11.8	-53.4	-13	-40.4	0-360	149	H
7.52	-76.11	Pk	35.6	-25.8	11.9	-54.41	-13	-41.41	0-360	149	H
1.88	-71.43	Pk	30.6	-32.9	12.6	-61.13	-13	-48.13	0-360	149	V
3.76	-70.52	Pk	33	-30	11.8	-55.72	-13	-42.72	0-360	149	V
5.64	-71.78	Pk	35	-28.6	11.9	-53.48	-13	-40.48	0-360	149	V
7.52	-75.83	Pk	35.6	-25.8	12	-54.03	-13	-41.03	0-360	149	V
High Channel											
1.908	-72.96	Pk	30.7	-32.7	12.7	-62.26	-13	-49.26	0-360	148	H
3.817	-66.9	Pk	33.1	-30	11.7	-52.1	-13	-39.1	0-360	148	H
5.725	-54	Pk	35	-28.5	11.9	-35.6	-13	-22.6	0-360	148	H
7.634	-73.62	Pk	35.6	-25.8	11.9	-51.92	-13	-38.92	0-360	148	H
1.908	-72.02	Pk	30.7	-32.7	12.4	-61.62	-13	-48.62	0-360	149	V
3.817	-68.94	Pk	33.1	-30	11.4	-54.44	-13	-41.44	0-360	149	V
5.725	-53.81	Pk	35	-28.5	11.8	-35.51	-13	-22.51	0-360	149	V
7.634	-71.34	Pk	35.6	-25.8	12	-49.54	-13	-36.54	0-360	149	V

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 2 QPSK 10MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.855	-73.35	Pk	30.8	-32.8	12.7	-62.65	-13	-49.65	0-360	149	H
3.71	-69.65	Pk	32.9	-30.2	11.7	-55.25	-13	-42.25	0-360	149	H
5.565	-70.88	Pk	34.9	-28.6	11.7	-52.88	-13	-39.88	0-360	149	H
7.423	-76.44	Pk	35.6	-26	11.7	-55.14	-13	-42.14	0-360	149	H
1.855	-73.12	Pk	30.8	-32.8	12.3	-62.82	-13	-49.82	0-360	149	V
3.709	-72.09	Pk	32.9	-30.2	11.8	-57.59	-13	-44.59	0-360	149	V
5.565	-71.12	Pk	34.9	-28.6	11.9	-52.92	-13	-39.92	0-360	149	V
7.419	-76.25	Pk	35.6	-26	11.5	-55.15	-13	-42.15	0-360	149	V
Mid Channel											
1.88	-71.25	Pk	30.6	-32.9	12.9	-60.65	-13	-47.65	0-360	149	H
3.759	-66.86	Pk	33	-30	11.8	-52.06	-13	-39.06	0-360	149	H
5.64	-70.57	Pk	35	-28.6	11.8	-52.37	-13	-39.37	0-360	149	H
7.52	-76.36	Pk	35.6	-25.8	11.9	-54.66	-13	-41.66	0-360	149	H
1.88	-71.26	Pk	30.6	-32.9	12.6	-60.96	-13	-47.96	0-360	149	V
3.76	-70.64	Pk	33	-30	11.8	-55.84	-13	-42.84	0-360	149	V
5.64	-68.25	Pk	35	-28.6	11.9	-49.95	-13	-36.95	0-360	149	V
7.52	-73.54	Pk	35.6	-25.8	12	-51.74	-13	-38.74	0-360	149	V
High Channel											
1.905	-73.08	Pk	30.7	-32.7	12.8	-62.28	-13	-49.28	0-360	149	H
3.809	-67.46	Pk	33.1	-30	11.8	-52.56	-13	-39.56	0-360	149	H
5.715	-66.79	Pk	35.1	-28.6	12	-48.29	-13	-35.29	0-360	149	H
7.62	-75.2	Pk	35.7	-25.7	11.9	-53.3	-13	-40.3	0-360	149	H
1.904	-72.56	Pk	30.7	-32.7	12.6	-61.96	-13	-48.96	0-360	149	V
3.81	-69.47	Pk	33.1	-30	11.4	-54.97	-13	-41.97	0-360	149	V
5.714	-67.87	Pk	35	-28.6	11.9	-49.57	-13	-36.57	0-360	149	V
7.62	-73.38	Pk	35.7	-25.7	12	-51.38	-13	-38.38	0-360	149	V

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 2 16QAM 10MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.855	-73.31	Pk	30.8	-32.8	12.7	-62.61	-13	-49.61	0-360	149	H
3.709	-71.03	Pk	32.9	-30.2	11.7	-56.63	-13	-43.63	0-360	149	H
5.565	-73.64	Pk	34.9	-28.6	11.7	-55.64	-13	-42.64	0-360	149	H
7.42	-76.25	Pk	35.6	-26	11.6	-55.05	-13	-42.05	0-360	149	H
1.855	-73.68	Pk	30.8	-32.8	12.3	-63.38	-13	-50.38	0-360	149	V
3.709	-70.95	Pk	32.9	-30.2	11.8	-56.45	-13	-43.45	0-360	149	V
5.565	-73.46	Pk	34.9	-28.6	11.9	-55.26	-13	-42.26	0-360	149	V
7.42	-75.28	Pk	35.6	-26	11.5	-54.18	-13	-41.18	0-360	149	V
Mid Channel											
1.879	-71.87	Pk	30.6	-32.9	12.9	-61.27	-13	-48.27	0-360	149	H
3.759	-67.36	Pk	33	-30	11.8	-52.56	-13	-39.56	0-360	149	H
5.639	-72.76	Pk	35	-28.6	11.8	-54.56	-13	-41.56	0-360	149	H
7.52	-77.17	Pk	35.6	-25.8	11.9	-55.47	-13	-42.47	0-360	149	H
1.88	-71.79	Pk	30.6	-32.9	12.6	-61.49	-13	-48.49	0-360	149	V
3.76	-70.35	Pk	33	-30	11.8	-55.55	-13	-42.55	0-360	149	V
5.639	-72.05	Pk	35	-28.6	11.9	-53.75	-13	-40.75	0-360	149	V
7.52	-75.96	Pk	35.6	-25.8	12	-54.16	-13	-41.16	0-360	149	V
High Channel											
1.905	-73.09	Pk	30.7	-32.7	12.8	-62.29	-13	-49.29	0-360	149	H
3.81	-67.83	Pk	33.1	-30	11.7	-53.03	-13	-40.03	0-360	149	H
5.715	-67.1	Pk	35.1	-28.6	12	-48.6	-13	-35.6	0-360	149	H
7.62	-76.41	Pk	35.7	-25.7	11.9	-54.51	-13	-41.51	0-360	149	H
1.905	-71.6	Pk	30.7	-32.7	12.5	-61.1	-13	-48.1	0-360	149	V
3.81	-70.02	Pk	33.1	-30	11.4	-55.52	-13	-42.52	0-360	149	V
5.715	-65.57	Pk	35.1	-28.6	11.8	-47.27	-13	-34.27	0-360	149	V
7.62	-73.71	Pk	35.7	-25.7	12	-51.71	-13	-38.71	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 QPSK 15MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.857	-72.17	Pk	30.8	-32.8	12.8	-61.37	-13	-48.37	0-360	149	H
3.715	-69.96	Pk	32.9	-30.2	11.6	-55.66	-13	-42.66	0-360	149	H
5.572	-70.31	Pk	34.9	-28.6	11.6	-52.41	-13	-39.41	0-360	149	H
7.449	-77.35	Pk	35.6	-26	12	-55.75	-13	-42.75	0-360	149	H
1.857	-71.51	Pk	30.8	-32.8	12.2	-61.31	-13	-48.31	0-360	149	V
3.715	-71.16	Pk	32.9	-30.2	11.6	-56.86	-13	-43.86	0-360	149	V
5.572	-69.78	Pk	34.9	-28.5	11.9	-51.48	-13	-38.48	0-360	149	V
7.43	-74.8	Pk	35.5	-25.9	11.8	-53.4	-13	-40.4	0-360	149	V
Mid Channel											
1.88	-72.52	Pk	30.6	-32.9	13	-61.82	-13	-48.82	0-360	149	H
3.76	-67.95	Pk	33	-30	11.8	-53.15	-13	-40.15	0-360	149	H
5.64	-70.76	Pk	35	-28.6	11.8	-52.56	-13	-39.56	0-360	149	H
7.52	-76.36	Pk	35.6	-25.8	11.9	-54.66	-13	-41.66	0-360	149	H
1.88	-71.03	Pk	30.6	-32.9	12.6	-60.73	-13	-47.73	0-360	149	V
3.759	-69.97	Pk	33	-30	11.8	-55.17	-13	-42.17	0-360	149	V
5.64	-71.39	Pk	35	-28.6	11.9	-53.09	-13	-40.09	0-360	149	V
7.52	-73.43	Pk	35.6	-25.8	12	-51.63	-13	-38.63	0-360	149	V
High Channel											
1.902	-72.81	Pk	30.7	-32.7	13	-61.81	-13	-48.81	0-360	149	H
3.805	-67.91	Pk	33.1	-30	11.7	-53.11	-13	-40.11	0-360	149	H
5.707	-71.96	Pk	35	-28.6	11.9	-53.66	-13	-40.66	0-360	149	H
7.61	-72.58	Pk	35.6	-25.8	11.9	-50.88	-13	-37.88	0-360	149	H
1.902	-72.18	Pk	30.7	-32.7	12.8	-61.38	-13	-48.38	0-360	149	V
3.804	-70.09	Pk	33.1	-30	11.5	-55.49	-13	-42.49	0-360	149	V
5.707	-70.25	Pk	35	-28.6	11.8	-52.05	-13	-39.05	0-360	149	V
7.61	-73.16	Pk	35.6	-25.8	12	-51.36	-13	-38.36	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 16QAM 15MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.857	-72.77	Pk	30.8	-32.8	12.8	-61.97	-13	-48.97	0-360	149	H
3.715	-70.22	Pk	32.9	-30.2	11.6	-55.92	-13	-42.92	0-360	149	H
5.572	-69.99	Pk	34.9	-28.6	11.6	-52.09	-13	-39.09	0-360	149	H
7.43	-73.92	Pk	35.5	-25.9	11.8	-52.52	-13	-39.52	0-360	149	H
1.857	-71.92	Pk	30.8	-32.8	12.2	-61.72	-13	-48.72	0-360	149	V
3.715	-71.88	Pk	32.9	-30.2	11.6	-57.58	-13	-44.58	0-360	149	V
5.572	-70.14	Pk	34.9	-28.5	11.9	-51.84	-13	-38.84	0-360	149	V
7.43	-73.85	Pk	35.5	-25.9	11.8	-52.45	-13	-39.45	0-360	149	V
Mid Channel											
1.88	-71.1	Pk	30.6	-32.9	12.9	-60.5	-13	-47.5	0-360	148	H
3.76	-67.73	Pk	33	-30	11.8	-52.93	-13	-39.93	0-360	148	H
5.64	-71.75	Pk	35	-28.6	11.8	-53.55	-13	-40.55	0-360	148	H
7.52	-77.47	Pk	35.6	-25.8	11.9	-55.77	-13	-42.77	0-360	148	H
1.88	-71.18	Pk	30.6	-32.9	12.6	-60.88	-13	-47.88	0-360	149	V
3.76	-70.27	Pk	33	-30	11.8	-55.47	-13	-42.47	0-360	149	V
5.64	-72.18	Pk	35	-28.6	11.9	-53.88	-13	-40.88	0-360	149	V
7.52	-76.75	Pk	35.6	-25.8	12	-54.95	-13	-41.95	0-360	149	V
High Channel											
1.903	-72.82	Pk	30.7	-32.7	12.9	-61.92	-13	-48.92	0-360	149	H
3.805	-67.91	Pk	33.1	-30	11.7	-53.11	-13	-40.11	0-360	149	H
5.707	-74.17	Pk	35	-28.6	11.9	-55.87	-13	-42.87	0-360	149	H
7.61	-75.71	Pk	35.6	-25.8	11.9	-54.01	-13	-41.01	0-360	149	H
1.902	-70.73	Pk	30.7	-32.7	12.8	-59.93	-13	-46.93	0-360	149	V
3.805	-69.35	Pk	33.1	-30	11.5	-54.75	-13	-41.75	0-360	149	V
5.707	-69.33	Pk	35	-28.6	11.8	-51.13	-13	-38.13	0-360	149	V
7.61	-73.9	Pk	35.6	-25.8	12	-52.1	-13	-39.1	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 QPSK 20MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.86	-73.05	Pk	30.8	-32.8	12.8	-62.25	-13	-49.25	0-360	149	H
3.719	-69.49	Pk	32.9	-30.1	11.8	-54.89	-13	-41.89	0-360	149	H
5.579	-72.66	Pk	35	-28.6	11.5	-54.76	-13	-41.76	0-360	149	H
7.44	-75.3	Pk	35.6	-26	11.9	-53.8	-13	-40.8	0-360	149	H
1.86	-74.5	Pk	30.8	-32.8	12.1	-64.4	-13	-51.4	0-360	149	V
3.719	-70.73	Pk	32.9	-30.1	11.7	-56.23	-13	-43.23	0-360	149	V
5.58	-69.74	Pk	35	-28.5	11.9	-51.34	-13	-38.34	0-360	149	V
7.439	-76.5	Pk	35.6	-26	11.9	-55	-13	-42	0-360	149	V
Mid Channel											
1.88	-72.14	Pk	30.6	-32.9	12.9	-61.54	-13	-48.54	0-360	148	H
3.76	-67.1	Pk	33	-30	11.8	-52.3	-13	-39.3	0-360	148	H
5.64	-73.26	Pk	35	-28.6	11.8	-55.06	-13	-42.06	0-360	148	H
7.52	-75.69	Pk	35.6	-25.8	11.9	-53.99	-13	-40.99	0-360	148	H
1.879	-71.58	Pk	30.6	-32.9	12.5	-61.38	-13	-48.38	0-360	149	V
3.759	-70.78	Pk	33	-30	11.8	-55.98	-13	-42.98	0-360	149	V
5.64	-71.22	Pk	35	-28.6	11.9	-52.92	-13	-39.92	0-360	149	V
7.52	-74.87	Pk	35.6	-25.8	12	-53.07	-13	-40.07	0-360	149	V
High Channel											
1.899	-71.76	Pk	30.6	-32.7	13	-60.86	-13	-47.86	0-360	148	H
3.8	-68.34	Pk	33.1	-29.9	11.4	-53.74	-13	-40.74	0-360	148	H
5.699	-72.84	Pk	35.1	-28.5	11.9	-54.34	-13	-41.34	0-360	148	H
7.6	-74	Pk	35.6	-25.8	11.9	-52.3	-13	-39.3	0-360	148	H
1.899	-71.57	Pk	30.6	-32.7	13.2	-60.47	-13	-47.47	0-360	149	V
3.8	-71.36	Pk	33.1	-29.9	11.3	-56.86	-13	-43.86	0-360	149	V
5.699	-70.48	Pk	35.1	-28.5	11.7	-52.18	-13	-39.18	0-360	149	V
7.599	-73.22	Pk	35.6	-25.8	11.9	-51.52	-13	-38.52	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 2 16QAM 20MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.86	-74.19	Pk	30.8	-32.8	12.8	-63.39	-13	-50.39	0-360	148	H
3.719	-69.38	Pk	32.9	-30.1	11.8	-54.78	-13	-41.78	0-360	148	H
5.58	-72.29	Pk	35	-28.5	11.6	-54.19	-13	-41.19	0-360	148	H
7.458	-76.99	Pk	35.6	-26	11.8	-55.59	-13	-42.59	0-360	148	H
1.86	-74.44	Pk	30.7	-32.8	12.1	-64.44	-13	-51.44	0-360	149	V
3.72	-72.32	Pk	32.9	-30.1	11.7	-57.82	-13	-44.82	0-360	149	V
5.579	-70.5	Pk	35	-28.6	11.9	-52.2	-13	-39.2	0-360	149	V
7.44	-76.3	Pk	35.6	-26	11.9	-54.8	-13	-41.8	0-360	149	V
Mid Channel											
1.879	-73.13	Pk	30.6	-32.9	12.9	-62.53	-13	-49.53	0-360	149	H
3.76	-67.8	Pk	33	-30	11.8	-53	-13	-40	0-360	149	H
5.64	-74.92	Pk	35	-28.6	11.8	-56.72	-13	-43.72	0-360	149	H
7.52	-76.06	Pk	35.6	-25.8	11.9	-54.36	-13	-41.36	0-360	149	H
1.88	-72.24	Pk	30.6	-32.9	12.6	-61.94	-13	-48.94	0-360	149	V
3.759	-71.63	Pk	33	-30	11.8	-56.83	-13	-43.83	0-360	149	V
5.639	-73.44	Pk	35	-28.6	11.9	-55.14	-13	-42.14	0-360	149	V
7.52	-77.23	Pk	35.6	-25.8	12	-55.43	-13	-42.43	0-360	149	V
High Channel											
1.899	-72.32	Pk	30.6	-32.7	13	-61.42	-13	-48.42	0-360	149	H
3.8	-67.59	Pk	33.1	-29.9	11.4	-52.99	-13	-39.99	0-360	149	H
5.7	-75.7	Pk	35.1	-28.5	11.9	-57.2	-13	-44.2	0-360	149	H
7.6	-75.01	Pk	35.6	-25.8	11.9	-53.31	-13	-40.31	0-360	149	H
1.899	-70.2	Pk	30.6	-32.7	13.2	-59.1	-13	-46.1	0-360	149	V
3.8	-71.97	Pk	33.1	-29.9	11.3	-57.47	-13	-44.47	0-360	149	V
5.699	-74.01	Pk	35.1	-28.5	11.7	-55.71	-13	-42.71	0-360	149	V
7.599	-76.48	Pk	35.6	-25.8	11.9	-54.78	-13	-41.78	0-360	149	V

9.2. LTE BAND 4

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 4 QPSK 1.4MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-74.54	Pk	30.7	-32.8	13	-63.64	-13	-50.64	0-360	149	H
3.701	-70.39	Pk	32.9	-30.3	11.9	-55.89	-13	-42.89	0-360	149	H
5.552	-72.16	Pk	34.9	-28.7	12	-53.96	-13	-40.96	0-360	149	H
7.403	-76.58	Pk	35.6	-26.1	11.7	-55.38	-13	-42.38	0-360	149	H
1.85	-75	Pk	30.7	-32.8	12.5	-64.6	-13	-51.6	0-360	149	V
3.701	-72	Pk	32.9	-30.3	12.1	-57.3	-13	-44.3	0-360	149	V
5.552	-70.73	Pk	34.9	-28.7	12.1	-52.43	-13	-39.43	0-360	149	V
7.403	-76.83	Pk	35.6	-26.1	11.8	-55.53	-13	-42.53	0-360	149	V
Mid Channel											
1.88	-71.21	Pk	30.6	-32.9	12.9	-60.61	-13	-47.61	0-360	149	H
3.76	-67.7	Pk	33	-30	11.8	-52.9	-13	-39.9	0-360	149	H
5.639	-71.01	Pk	35	-28.6	11.8	-52.81	-13	-39.81	0-360	149	H
7.52	-73.11	Pk	35.6	-25.8	11.9	-51.41	-13	-38.41	0-360	149	H
1.88	-71.75	Pk	30.6	-32.9	12.6	-61.45	-13	-48.45	0-360	149	V
3.76	-71.34	Pk	33	-30	11.8	-56.54	-13	-43.54	0-360	149	V
5.64	-69.78	Pk	35	-28.6	11.9	-51.48	-13	-38.48	0-360	149	V
7.52	-74.73	Pk	35.6	-25.8	12	-52.93	-13	-39.93	0-360	149	V
High Channel											
1.909	-72.53	Pk	30.7	-32.7	12.7	-61.83	-13	-48.83	0-360	149	H
3.818	-65.91	Pk	33.1	-30	11.6	-51.21	-13	-38.21	0-360	149	H
5.728	-50.1	Pk	35	-28.5	11.9	-31.7	-13	-18.7	0-360	149	H
7.637	-74.35	Pk	35.6	-25.8	11.8	-52.75	-13	-39.75	0-360	149	H
1.909	-73.1	Pk	30.7	-32.7	12.4	-62.7	-13	-49.7	0-360	149	V
3.818	-69.58	Pk	33.1	-30	11.4	-55.08	-13	-42.08	0-360	149	V
5.728	-53.44	Pk	35	-28.4	11.7	-35.14	-13	-22.14	0-360	149	V
7.637	-74.44	Pk	35.6	-25.8	11.9	-52.74	-13	-39.74	0-360	149	V

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 4 16QAM 1.4MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-74.84	Pk	30.7	-32.8	13	-63.94	-13	-50.94	0-360	149	H
3.701	-69.97	Pk	32.9	-30.3	11.9	-55.47	-13	-42.47	0-360	149	H
5.552	-73.24	Pk	34.8	-28.7	12	-55.14	-13	-42.14	0-360	149	H
7.403	-76.14	Pk	35.6	-26.1	11.7	-54.94	-13	-41.94	0-360	149	H
1.85	-75.02	Pk	30.7	-32.8	12.5	-64.62	-13	-51.62	0-360	149	V
3.701	-72.93	Pk	32.9	-30.3	12.1	-58.23	-13	-45.23	0-360	149	V
5.552	-68.5	Pk	34.9	-28.7	12.1	-50.2	-13	-37.2	0-360	149	V
7.403	-76.68	Pk	35.6	-26.1	11.8	-55.38	-13	-42.38	0-360	149	V
Mid Channel											
1.88	-72.44	Pk	30.6	-32.9	12.9	-61.84	-13	-48.84	0-360	149	H
3.76	-67.67	Pk	33	-30	11.8	-52.87	-13	-39.87	0-360	149	H
5.64	-72.96	Pk	35	-28.6	11.8	-54.76	-13	-41.76	0-360	149	H
7.52	-76.08	Pk	35.6	-25.8	11.9	-54.38	-13	-41.38	0-360	149	H
1.88	-70.51	Pk	30.6	-32.9	12.6	-60.21	-13	-47.21	0-360	149	V
3.76	-71.57	Pk	33	-30	11.8	-56.77	-13	-43.77	0-360	149	V
5.639	-69.7	Pk	35	-28.6	11.9	-51.4	-13	-38.4	0-360	149	V
7.52	-75.95	Pk	35.6	-25.8	12	-54.15	-13	-41.15	0-360	149	V
High Channel											
1.909	-74.66	Pk	30.7	-32.7	12.7	-63.96	-13	-50.96	0-360	149	H
3.818	-66.52	Pk	33.1	-30	11.6	-51.82	-13	-38.82	0-360	149	H
5.728	-53.78	Pk	35	-28.5	11.9	-35.38	-13	-22.38	0-360	149	H
7.637	-72.47	Pk	35.6	-25.8	11.8	-50.87	-13	-37.87	0-360	149	H
1.909	-72.78	Pk	30.7	-32.7	12.4	-62.38	-13	-49.38	0-360	149	V
3.818	-70.51	Pk	33.1	-30	11.4	-56.01	-13	-43.01	0-360	149	V
5.728	-53.79	Pk	35	-28.5	11.7	-35.59	-13	-22.59	0-360	149	V
7.637	-74.88	Pk	35.6	-25.8	11.9	-53.18	-13	-40.18	0-360	149	V

Company:			Qualcomm									
Project #:			12698625									
Date:			03/02/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 4 QPSK 3MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.851	-73.91	Pk	30.8	-32.8	12.9	-63.01	-13	-50.01	0-360	149	H	
3.703	-71.69	Pk	32.8	-30.3	11.9	-57.29	-13	-44.29	0-360	149	H	
5.554	-70.38	Pk	34.9	-28.7	11.9	-52.28	-13	-39.28	0-360	149	H	
7.406	-76.31	Pk	35.6	-26.2	11.7	-55.21	-13	-42.21	0-360	149	H	
1.851	-72.81	Pk	30.8	-32.8	12.4	-62.41	-13	-49.41	0-360	149	V	
3.703	-71.54	Pk	32.8	-30.3	12	-57.04	-13	-44.04	0-360	149	V	
5.554	-70.17	Pk	34.8	-28.7	12.1	-51.97	-13	-38.97	0-360	149	V	
7.406	-74.19	Pk	35.6	-26.2	11.8	-52.99	-13	-39.99	0-360	149	V	
Mid Channel												
1.88	-71.05	Pk	30.6	-32.9	12.9	-60.45	-13	-47.45	0-360	148	H	
3.76	-68.04	Pk	33	-30	11.8	-53.24	-13	-40.24	0-360	148	H	
5.64	-73.36	Pk	35	-28.6	11.8	-55.16	-13	-42.16	0-360	148	H	
7.52	-76.4	Pk	35.6	-25.8	11.9	-54.7	-13	-41.7	0-360	148	H	
1.88	-71.81	Pk	30.6	-32.9	12.6	-61.51	-13	-48.51	0-360	149	V	
3.76	-70.09	Pk	33	-30	11.8	-55.29	-13	-42.29	0-360	149	V	
5.639	-70.96	Pk	35	-28.6	11.9	-52.66	-13	-39.66	0-360	149	V	
7.52	-74.65	Pk	35.6	-25.8	12	-52.85	-13	-39.85	0-360	149	V	
High Channel												
1.908	-71.75	Pk	30.7	-32.7	12.7	-61.05	-13	-48.05	0-360	149	H	
3.817	-66.33	Pk	33.1	-30	11.7	-51.53	-13	-38.53	0-360	149	H	
5.725	-62.97	Pk	35	-28.5	11.9	-44.57	-13	-31.57	0-360	149	H	
7.634	-74.16	Pk	35.6	-25.8	11.9	-52.46	-13	-39.46	0-360	149	H	
1.908	-71.98	Pk	30.7	-32.7	12.4	-61.58	-13	-48.58	0-360	149	V	
3.817	-68.75	Pk	33.1	-30	11.4	-54.25	-13	-41.25	0-360	149	V	
5.726	-57.09	Pk	35	-28.5	11.8	-38.79	-13	-25.79	0-360	149	V	
7.635	-73.44	Pk	35.6	-25.8	12	-51.64	-13	-38.64	0-360	149	V	

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 4 16QAM 3MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.851	-73.68	Pk	30.8	-32.8	12.9	-62.78	-13	-49.78	0-360	148	H
3.702	-69.58	Pk	32.8	-30.3	11.9	-55.18	-13	-42.18	0-360	148	H
5.554	-71.31	Pk	34.8	-28.7	11.9	-53.31	-13	-40.31	0-360	148	H
7.406	-77.29	Pk	35.6	-26.2	11.7	-56.19	-13	-43.19	0-360	148	H
1.851	-74.22	Pk	30.8	-32.8	12.4	-63.82	-13	-50.82	0-360	149	V
3.702	-71.56	Pk	32.8	-30.3	12.1	-56.96	-13	-43.96	0-360	149	V
5.554	-69.65	Pk	34.8	-28.7	12.1	-51.45	-13	-38.45	0-360	149	V
7.406	-76.66	Pk	35.6	-26.2	11.7	-55.56	-13	-42.56	0-360	149	V
Mid Channel											
1.88	-72.15	Pk	30.6	-32.9	12.9	-61.55	-13	-48.55	0-360	149	H
3.76	-67.79	Pk	33	-30	11.8	-52.99	-13	-39.99	0-360	149	H
5.64	-71.6	Pk	35	-28.6	11.8	-53.4	-13	-40.4	0-360	149	H
7.52	-76.11	Pk	35.6	-25.8	11.9	-54.41	-13	-41.41	0-360	149	H
1.88	-71.43	Pk	30.6	-32.9	12.6	-61.13	-13	-48.13	0-360	149	V
3.76	-70.52	Pk	33	-30	11.8	-55.72	-13	-42.72	0-360	149	V
5.64	-71.78	Pk	35	-28.6	11.9	-53.48	-13	-40.48	0-360	149	V
7.52	-75.83	Pk	35.6	-25.8	12	-54.03	-13	-41.03	0-360	149	V
High Channel											
1.908	-72.96	Pk	30.7	-32.7	12.7	-62.26	-13	-49.26	0-360	148	H
3.817	-66.9	Pk	33.1	-30	11.7	-52.1	-13	-39.1	0-360	148	H
5.725	-54	Pk	35	-28.5	11.9	-35.6	-13	-22.6	0-360	148	H
7.634	-73.62	Pk	35.6	-25.8	11.9	-51.92	-13	-38.92	0-360	148	H
1.908	-72.02	Pk	30.7	-32.7	12.4	-61.62	-13	-48.62	0-360	149	V
3.817	-68.94	Pk	33.1	-30	11.4	-54.44	-13	-41.44	0-360	149	V
5.725	-53.81	Pk	35	-28.5	11.8	-35.51	-13	-22.51	0-360	149	V
7.634	-71.34	Pk	35.6	-25.8	12	-49.54	-13	-36.54	0-360	149	V

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 4 QPSK 10MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.855	-73.35	Pk	30.8	-32.8	12.7	-62.65	-13	-49.65	0-360	149	H
3.71	-69.65	Pk	32.9	-30.2	11.7	-55.25	-13	-42.25	0-360	149	H
5.565	-70.88	Pk	34.9	-28.6	11.7	-52.88	-13	-39.88	0-360	149	H
7.423	-76.44	Pk	35.6	-26	11.7	-55.14	-13	-42.14	0-360	149	H
1.855	-73.12	Pk	30.8	-32.8	12.3	-62.82	-13	-49.82	0-360	149	V
3.709	-72.09	Pk	32.9	-30.2	11.8	-57.59	-13	-44.59	0-360	149	V
5.565	-71.12	Pk	34.9	-28.6	11.9	-52.92	-13	-39.92	0-360	149	V
7.419	-76.25	Pk	35.6	-26	11.5	-55.15	-13	-42.15	0-360	149	V
Mid Channel											
1.88	-71.25	Pk	30.6	-32.9	12.9	-60.65	-13	-47.65	0-360	149	H
3.759	-66.86	Pk	33	-30	11.8	-52.06	-13	-39.06	0-360	149	H
5.64	-70.57	Pk	35	-28.6	11.8	-52.37	-13	-39.37	0-360	149	H
7.52	-76.36	Pk	35.6	-25.8	11.9	-54.66	-13	-41.66	0-360	149	H
1.88	-71.26	Pk	30.6	-32.9	12.6	-60.96	-13	-47.96	0-360	149	V
3.76	-70.64	Pk	33	-30	11.8	-55.84	-13	-42.84	0-360	149	V
5.64	-68.25	Pk	35	-28.6	11.9	-49.95	-13	-36.95	0-360	149	V
7.52	-73.54	Pk	35.6	-25.8	12	-51.74	-13	-38.74	0-360	149	V
High Channel											
1.905	-73.08	Pk	30.7	-32.7	12.8	-62.28	-13	-49.28	0-360	149	H
3.809	-67.46	Pk	33.1	-30	11.8	-52.56	-13	-39.56	0-360	149	H
5.715	-66.79	Pk	35.1	-28.6	12	-48.29	-13	-35.29	0-360	149	H
7.62	-75.2	Pk	35.7	-25.7	11.9	-53.3	-13	-40.3	0-360	149	H
1.904	-72.56	Pk	30.7	-32.7	12.6	-61.96	-13	-48.96	0-360	149	V
3.81	-69.47	Pk	33.1	-30	11.4	-54.97	-13	-41.97	0-360	149	V
5.714	-67.87	Pk	35	-28.6	11.9	-49.57	-13	-36.57	0-360	149	V
7.62	-73.38	Pk	35.7	-25.7	12	-51.38	-13	-38.38	0-360	149	V

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 4 16QAM 10MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
3.709	-71.03	Pk	32.9	-30.2	11.7	-56.63	-13	-43.63	0-360	149	H
5.565	-73.64	Pk	34.9	-28.6	11.7	-55.64	-13	-42.64	0-360	149	H
7.42	-76.25	Pk	35.6	-26	11.6	-55.05	-13	-42.05	0-360	149	H
1.855	-73.68	Pk	30.8	-32.8	12.3	-63.38	-13	-50.38	0-360	149	V
3.709	-70.95	Pk	32.9	-30.2	11.8	-56.45	-13	-43.45	0-360	149	V
5.565	-73.46	Pk	34.9	-28.6	11.9	-55.26	-13	-42.26	0-360	149	V
7.42	-75.28	Pk	35.6	-26	11.5	-54.18	-13	-41.18	0-360	149	V
Mid Channel											
1.879	-71.87	Pk	30.6	-32.9	12.9	-61.27	-13	-48.27	0-360	149	H
3.759	-67.36	Pk	33	-30	11.8	-52.56	-13	-39.56	0-360	149	H
5.639	-72.76	Pk	35	-28.6	11.8	-54.56	-13	-41.56	0-360	149	H
7.52	-77.17	Pk	35.6	-25.8	11.9	-55.47	-13	-42.47	0-360	149	H
1.88	-71.79	Pk	30.6	-32.9	12.6	-61.49	-13	-48.49	0-360	149	V
3.76	-70.35	Pk	33	-30	11.8	-55.55	-13	-42.55	0-360	149	V
5.639	-72.05	Pk	35	-28.6	11.9	-53.75	-13	-40.75	0-360	149	V
7.52	-75.96	Pk	35.6	-25.8	12	-54.16	-13	-41.16	0-360	149	V
High Channel											
1.905	-73.09	Pk	30.7	-32.7	12.8	-62.29	-13	-49.29	0-360	149	H
3.81	-67.83	Pk	33.1	-30	11.7	-53.03	-13	-40.03	0-360	149	H
5.715	-67.1	Pk	35.1	-28.6	12	-48.6	-13	-35.6	0-360	149	H
7.62	-76.41	Pk	35.7	-25.7	11.9	-54.51	-13	-41.51	0-360	149	H
1.905	-71.6	Pk	30.7	-32.7	12.5	-61.1	-13	-48.1	0-360	149	V
3.81	-70.02	Pk	33.1	-30	11.4	-55.52	-13	-42.52	0-360	149	V
5.715	-65.57	Pk	35.1	-28.6	11.8	-47.27	-13	-34.27	0-360	149	V
7.62	-73.71	Pk	35.7	-25.7	12	-51.71	-13	-38.71	0-360	149	V

Company:			Qualcomm									
Project #:			12698625									
Date:			03/02/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 4 QPSK 15MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.857	-72.17	Pk	30.8	-32.8	12.8	-61.37	-13	-48.37	0-360	149	H	
3.715	-69.96	Pk	32.9	-30.2	11.6	-55.66	-13	-42.66	0-360	149	H	
5.572	-70.31	Pk	34.9	-28.6	11.6	-52.41	-13	-39.41	0-360	149	H	
7.449	-77.35	Pk	35.6	-26	12	-55.75	-13	-42.75	0-360	149	H	
1.857	-71.51	Pk	30.8	-32.8	12.2	-61.31	-13	-48.31	0-360	149	V	
3.715	-71.16	Pk	32.9	-30.2	11.6	-56.86	-13	-43.86	0-360	149	V	
5.572	-69.78	Pk	34.9	-28.5	11.9	-51.48	-13	-38.48	0-360	149	V	
7.43	-74.8	Pk	35.5	-25.9	11.8	-53.4	-13	-40.4	0-360	149	V	
Mid Channel												
1.88	-72.52	Pk	30.6	-32.9	13	-61.82	-13	-48.82	0-360	149	H	
3.76	-67.95	Pk	33	-30	11.8	-53.15	-13	-40.15	0-360	149	H	
5.64	-70.76	Pk	35	-28.6	11.8	-52.56	-13	-39.56	0-360	149	H	
7.52	-76.36	Pk	35.6	-25.8	11.9	-54.66	-13	-41.66	0-360	149	H	
1.88	-71.03	Pk	30.6	-32.9	12.6	-60.73	-13	-47.73	0-360	149	V	
3.759	-69.97	Pk	33	-30	11.8	-55.17	-13	-42.17	0-360	149	V	
5.64	-71.39	Pk	35	-28.6	11.9	-53.09	-13	-40.09	0-360	149	V	
7.52	-73.43	Pk	35.6	-25.8	12	-51.63	-13	-38.63	0-360	149	V	
High Channel												
1.902	-72.81	Pk	30.7	-32.7	13	-61.81	-13	-48.81	0-360	149	H	
3.805	-67.91	Pk	33.1	-30	11.7	-53.11	-13	-40.11	0-360	149	H	
5.707	-71.96	Pk	35	-28.6	11.9	-53.66	-13	-40.66	0-360	149	H	
7.61	-72.58	Pk	35.6	-25.8	11.9	-50.88	-13	-37.88	0-360	149	H	
1.902	-72.18	Pk	30.7	-32.7	12.8	-61.38	-13	-48.38	0-360	149	V	
3.804	-70.09	Pk	33.1	-30	11.5	-55.49	-13	-42.49	0-360	149	V	
5.707	-70.25	Pk	35	-28.6	11.8	-52.05	-13	-39.05	0-360	149	V	
7.61	-73.16	Pk	35.6	-25.8	12	-51.36	-13	-38.36	0-360	149	V	

Company:		Qualcomm									
Project #:		12698625									
Date:		03/02/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 4 16QAM 15MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.857	-72.77	Pk	30.8	-32.8	12.8	-61.97	-13	-48.97	0-360	149	H
3.715	-70.22	Pk	32.9	-30.2	11.6	-55.92	-13	-42.92	0-360	149	H
5.572	-69.99	Pk	34.9	-28.6	11.6	-52.09	-13	-39.09	0-360	149	H
7.43	-73.92	Pk	35.5	-25.9	11.8	-52.52	-13	-39.52	0-360	149	H
1.857	-71.92	Pk	30.8	-32.8	12.2	-61.72	-13	-48.72	0-360	149	V
3.715	-71.88	Pk	32.9	-30.2	11.6	-57.58	-13	-44.58	0-360	149	V
5.572	-70.14	Pk	34.9	-28.5	11.9	-51.84	-13	-38.84	0-360	149	V
7.43	-73.85	Pk	35.5	-25.9	11.8	-52.45	-13	-39.45	0-360	149	V
Mid Channel											
1.88	-71.1	Pk	30.6	-32.9	12.9	-60.5	-13	-47.5	0-360	148	H
3.76	-67.73	Pk	33	-30	11.8	-52.93	-13	-39.93	0-360	148	H
5.64	-71.75	Pk	35	-28.6	11.8	-53.55	-13	-40.55	0-360	148	H
7.52	-77.47	Pk	35.6	-25.8	11.9	-55.77	-13	-42.77	0-360	148	H
1.88	-71.18	Pk	30.6	-32.9	12.6	-60.88	-13	-47.88	0-360	149	V
3.76	-70.27	Pk	33	-30	11.8	-55.47	-13	-42.47	0-360	149	V
5.64	-72.18	Pk	35	-28.6	11.9	-53.88	-13	-40.88	0-360	149	V
7.52	-76.75	Pk	35.6	-25.8	12	-54.95	-13	-41.95	0-360	149	V
High Channel											
1.903	-72.82	Pk	30.7	-32.7	12.9	-61.92	-13	-48.92	0-360	149	H
3.805	-67.91	Pk	33.1	-30	11.7	-53.11	-13	-40.11	0-360	149	H
5.707	-74.17	Pk	35	-28.6	11.9	-55.87	-13	-42.87	0-360	149	H
7.61	-75.71	Pk	35.6	-25.8	11.9	-54.01	-13	-41.01	0-360	149	H
1.902	-70.73	Pk	30.7	-32.7	12.8	-59.93	-13	-46.93	0-360	149	V
3.805	-69.35	Pk	33.1	-30	11.5	-54.75	-13	-41.75	0-360	149	V
5.707	-69.33	Pk	35	-28.6	11.8	-51.13	-13	-38.13	0-360	149	V
7.61	-73.9	Pk	35.6	-25.8	12	-52.1	-13	-39.1	0-360	149	V

Company:			Qualcomm									
Project #:			12698625									
Date:			03/02/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 4 QPSK 20MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.86	-73.05	Pk	30.8	-32.8	12.8	-62.25	-13	-49.25	0-360	149	H	
3.719	-69.49	Pk	32.9	-30.1	11.8	-54.89	-13	-41.89	0-360	149	H	
5.579	-72.66	Pk	35	-28.6	11.5	-54.76	-13	-41.76	0-360	149	H	
7.44	-75.3	Pk	35.6	-26	11.9	-53.8	-13	-40.8	0-360	149	H	
1.86	-74.5	Pk	30.8	-32.8	12.1	-64.4	-13	-51.4	0-360	149	V	
3.719	-70.73	Pk	32.9	-30.1	11.7	-56.23	-13	-43.23	0-360	149	V	
5.58	-69.74	Pk	35	-28.5	11.9	-51.34	-13	-38.34	0-360	149	V	
7.439	-76.5	Pk	35.6	-26	11.9	-55	-13	-42	0-360	149	V	
Mid Channel												
1.88	-72.14	Pk	30.6	-32.9	12.9	-61.54	-13	-48.54	0-360	148	H	
3.76	-67.1	Pk	33	-30	11.8	-52.3	-13	-39.3	0-360	148	H	
5.64	-73.26	Pk	35	-28.6	11.8	-55.06	-13	-42.06	0-360	148	H	
7.52	-75.69	Pk	35.6	-25.8	11.9	-53.99	-13	-40.99	0-360	148	H	
1.879	-71.58	Pk	30.6	-32.9	12.5	-61.38	-13	-48.38	0-360	149	V	
3.759	-70.78	Pk	33	-30	11.8	-55.98	-13	-42.98	0-360	149	V	
5.64	-71.22	Pk	35	-28.6	11.9	-52.92	-13	-39.92	0-360	149	V	
7.52	-74.87	Pk	35.6	-25.8	12	-53.07	-13	-40.07	0-360	149	V	
High Channel												
1.899	-71.76	Pk	30.6	-32.7	13	-60.86	-13	-47.86	0-360	148	H	
3.8	-68.34	Pk	33.1	-29.9	11.4	-53.74	-13	-40.74	0-360	148	H	
5.699	-72.84	Pk	35.1	-28.5	11.9	-54.34	-13	-41.34	0-360	148	H	
7.6	-74	Pk	35.6	-25.8	11.9	-52.3	-13	-39.3	0-360	148	H	
1.899	-71.57	Pk	30.6	-32.7	13.2	-60.47	-13	-47.47	0-360	149	V	
3.8	-71.36	Pk	33.1	-29.9	11.3	-56.86	-13	-43.86	0-360	149	V	
5.699	-70.48	Pk	35.1	-28.5	11.7	-52.18	-13	-39.18	0-360	149	V	
7.599	-73.22	Pk	35.6	-25.8	11.9	-51.52	-13	-38.52	0-360	149	V	

Company:			Qualcomm								
Project #:			12698625								
Date:			03/02/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 4 16QAM 20MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.86	-74.19	Pk	30.8	-32.8	12.8	-63.39	-13	-50.39	0-360	148	H
3.719	-69.38	Pk	32.9	-30.1	11.8	-54.78	-13	-41.78	0-360	148	H
5.58	-72.29	Pk	35	-28.5	11.6	-54.19	-13	-41.19	0-360	148	H
7.458	-76.99	Pk	35.6	-26	11.8	-55.59	-13	-42.59	0-360	148	H
1.86	-74.44	Pk	30.7	-32.8	12.1	-64.44	-13	-51.44	0-360	149	V
3.72	-72.32	Pk	32.9	-30.1	11.7	-57.82	-13	-44.82	0-360	149	V
5.579	-70.5	Pk	35	-28.6	11.9	-52.2	-13	-39.2	0-360	149	V
7.44	-76.3	Pk	35.6	-26	11.9	-54.8	-13	-41.8	0-360	149	V
Mid Channel											
1.879	-73.13	Pk	30.6	-32.9	12.9	-62.53	-13	-49.53	0-360	149	H
3.76	-67.8	Pk	33	-30	11.8	-53	-13	-40	0-360	149	H
5.64	-74.92	Pk	35	-28.6	11.8	-56.72	-13	-43.72	0-360	149	H
7.52	-76.06	Pk	35.6	-25.8	11.9	-54.36	-13	-41.36	0-360	149	H
1.88	-72.24	Pk	30.6	-32.9	12.6	-61.94	-13	-48.94	0-360	149	V
3.759	-71.63	Pk	33	-30	11.8	-56.83	-13	-43.83	0-360	149	V
5.639	-73.44	Pk	35	-28.6	11.9	-55.14	-13	-42.14	0-360	149	V
7.52	-77.23	Pk	35.6	-25.8	12	-55.43	-13	-42.43	0-360	149	V
High Channel											
1.899	-72.32	Pk	30.6	-32.7	13	-61.42	-13	-48.42	0-360	149	H
3.8	-67.59	Pk	33.1	-29.9	11.4	-52.99	-13	-39.99	0-360	149	H
5.7	-75.7	Pk	35.1	-28.5	11.9	-57.2	-13	-44.2	0-360	149	H
7.6	-75.01	Pk	35.6	-25.8	11.9	-53.31	-13	-40.31	0-360	149	H
1.899	-70.2	Pk	30.6	-32.7	13.2	-59.1	-13	-46.1	0-360	149	V
3.8	-71.97	Pk	33.1	-29.9	11.3	-57.47	-13	-44.47	0-360	149	V
5.699	-74.01	Pk	35.1	-28.5	11.7	-55.71	-13	-42.71	0-360	149	V
7.599	-76.48	Pk	35.6	-25.8	11.9	-54.78	-13	-41.78	0-360	149	V

9.3. LTE BAND 5

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 QPSK 1.4MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.649	-61.36	Pk	28.4	-33.3	12.5	-53.76	-13	-40.76	0-360	149	H	
2.474	-68.52	Pk	32.3	-32	11.3	-56.92	-13	-43.92	0-360	149	H	
3.299	-67.99	Pk	32.8	-30.9	11.8	-54.29	-13	-41.29	0-360	149	H	
4.123	-63.37	Pk	33.4	-29.5	11.3	-48.17	-13	-35.17	0-360	149	H	
1.649	-59.02	Pk	28.4	-33.3	11.4	-52.52	-13	-39.52	0-360	149	V	
2.474	-63.57	Pk	32.3	-32	11.5	-51.77	-13	-38.77	0-360	149	V	
3.299	-71.83	Pk	32.8	-30.9	12	-57.93	-13	-44.93	0-360	149	V	
4.123	-61.53	Pk	33.4	-29.5	11.1	-46.53	-13	-33.53	0-360	149	V	
Mid Channel												
1.673	-58.85	Pk	29	-33	11.6	-51.25	-13	-38.25	0-360	149	H	
2.509	-67.95	Pk	32.4	-31.8	11.4	-55.95	-13	-42.95	0-360	149	H	
3.345	-66.23	Pk	32.8	-30.7	11.4	-52.73	-13	-39.73	0-360	149	H	
4.182	-58.34	Pk	33.3	-29.4	11.6	-42.84	-13	-29.84	0-360	149	H	
1.673	-60.62	Pk	29	-33	10.9	-53.72	-13	-40.72	0-360	149	V	
2.51	-68.81	Pk	32.4	-31.7	11.4	-56.71	-13	-43.71	0-360	149	V	
3.346	-68.25	Pk	32.8	-30.7	12	-54.15	-13	-41.15	0-360	149	V	
4.182	-61.66	Pk	33.3	-29.4	11.8	-45.96	-13	-32.96	0-360	149	V	
High Channel												
1.696	-60.52	Pk	29.1	-33.1	11.3	-53.22	-13	-40.22	0-360	149	H	
2.544	-70.05	Pk	32.4	-31.7	12.1	-57.25	-13	-44.25	0-360	149	H	
3.393	-69.38	Pk	32.7	-30.9	11.7	-55.88	-13	-42.88	0-360	149	H	
4.241	-63.99	Pk	33.3	-29.6	11.7	-48.59	-13	-35.59	0-360	149	H	
2.545	-67.13	Pk	32.4	-31.7	11.8	-54.63	-13	-41.63	0-360	149	V	
1.696	-58.42	Pk	29.1	-33.1	12.3	-50.12	-13	-37.12	0-360	149	V	
3.393	-72.75	Pk	32.7	-30.9	11.8	-59.15	-13	-46.15	0-360	149	V	
4.242	-67.31	Pk	33.3	-29.6	12	-51.61	-13	-38.61	0-360	149	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 16QAM 1.4MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.649	-61.35	Pk	28.4	-33.3	12.5	-53.75	-13	-40.75	0-360	148	H	
2.474	-68.73	Pk	32.3	-32	11.3	-57.13	-13	-44.13	0-360	148	H	
3.298	-68.13	Pk	32.8	-30.9	11.9	-54.33	-13	-41.33	0-360	148	H	
4.123	-62.19	Pk	33.4	-29.5	11.3	-46.99	-13	-33.99	0-360	148	H	
1.649	-59.23	Pk	28.4	-33.3	11.4	-52.73	-13	-39.73	0-360	149	V	
2.473	-64.04	Pk	32.3	-32	11.5	-52.24	-13	-39.24	0-360	149	V	
3.298	-72.57	Pk	32.8	-30.9	12	-58.67	-13	-45.67	0-360	149	V	
4.123	-61.63	Pk	33.4	-29.5	11.1	-46.63	-13	-33.63	0-360	149	V	
Mid Channel												
1.673	-61.85	Pk	29	-33	11.6	-54.25	-13	-41.25	0-360	149	H	
2.509	-67.19	Pk	32.4	-31.8	11.4	-55.19	-13	-42.19	0-360	149	H	
3.346	-64.55	Pk	32.8	-30.7	11.4	-51.05	-13	-38.05	0-360	149	H	
4.182	-62.04	Pk	33.3	-29.4	11.6	-46.54	-13	-33.54	0-360	149	H	
2.509	-66.84	Pk	32.4	-31.8	11.4	-54.84	-13	-41.84	0-360	149	V	
1.673	-60.7	Pk	29	-33	10.9	-53.8	-13	-40.8	0-360	149	V	
3.346	-69.78	Pk	32.8	-30.7	12	-55.68	-13	-42.68	0-360	149	V	
4.183	-62.32	Pk	33.3	-29.4	11.8	-46.62	-13	-33.62	0-360	149	V	
High Channel												
1.696	-60.48	Pk	29.1	-33.1	11.2	-53.28	-13	-40.28	0-360	149	H	
2.545	-70.33	Pk	32.4	-31.7	12.1	-57.53	-13	-44.53	0-360	149	H	
3.393	-70.06	Pk	32.7	-30.9	11.7	-56.56	-13	-43.56	0-360	149	H	
4.241	-65.41	Pk	33.3	-29.6	11.7	-50.01	-13	-37.01	0-360	149	H	
1.696	-60.07	Pk	29.1	-33.1	12.2	-51.87	-13	-38.87	0-360	149	V	
2.544	-67.64	Pk	32.4	-31.7	11.8	-55.14	-13	-42.14	0-360	149	V	
3.396	-72.45	Pk	32.7	-30.8	11.8	-58.75	-13	-45.75	0-360	149	V	
4.241	-66.14	Pk	33.3	-29.6	12	-50.44	-13	-37.44	0-360	149	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 QPSK 3 MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.651	-60.16	Pk	28.4	-33.3	12.4	-52.66	-13	-39.66	0-360	149	H	
2.476	-66.54	Pk	32.3	-32	11.3	-54.94	-13	-41.94	0-360	149	H	
3.302	-68.06	Pk	32.7	-30.9	11.6	-54.66	-13	-41.66	0-360	149	H	
4.127	-62.66	Pk	33.4	-29.5	11.4	-47.36	-13	-34.36	0-360	149	H	
1.651	-56.28	Pk	28.4	-33.3	11.4	-49.78	-13	-36.78	0-360	149	V	
2.476	-62.34	Pk	32.3	-32	11.4	-50.64	-13	-37.64	0-360	149	V	
3.302	-72.19	Pk	32.7	-30.9	11.9	-58.49	-13	-45.49	0-360	149	V	
4.127	-61.22	Pk	33.4	-29.5	11	-46.32	-13	-33.32	0-360	149	V	
Mid Channel												
1.673	-59.29	Pk	29.1	-33	11.6	-51.59	-13	-38.59	0-360	149	H	
2.51	-66.69	Pk	32.4	-31.7	11.4	-54.59	-13	-41.59	0-360	149	H	
3.346	-65.1	Pk	32.8	-30.7	11.4	-51.6	-13	-38.6	0-360	149	H	
4.183	-56.45	Pk	33.3	-29.4	11.6	-40.95	-13	-27.95	0-360	149	H	
1.673	-58.83	Pk	29	-33	10.9	-51.93	-13	-38.93	0-360	149	V	
2.509	-67.22	Pk	32.4	-31.8	11.4	-55.22	-13	-42.22	0-360	149	V	
3.346	-70.06	Pk	32.8	-30.7	12	-55.96	-13	-42.96	0-360	149	V	
4.182	-61.44	Pk	33.3	-29.4	11.8	-45.74	-13	-32.74	0-360	149	V	
High Channel												
1.694	-62.23	Pk	29.1	-33.2	11.4	-54.93	-13	-41.93	0-360	149	H	
2.537	-70.54	Pk	32.3	-31.7	12.7	-57.24	-13	-44.24	0-360	149	H	
3.39	-68.39	Pk	32.7	-30.8	11.6	-54.89	-13	-41.89	0-360	149	H	
4.237	-63.14	Pk	33.3	-29.8	11.7	-47.94	-13	-34.94	0-360	149	H	
1.695	-60.06	Pk	29.1	-33.2	12.4	-51.76	-13	-38.76	0-360	149	V	
2.542	-69.15	Pk	32.4	-31.7	11.7	-56.75	-13	-43.75	0-360	149	V	
3.39	-73.23	Pk	32.7	-30.8	11.9	-59.43	-13	-46.43	0-360	149	V	
4.238	-66.71	Pk	33.3	-29.7	12.1	-51.01	-13	-38.01	0-360	149	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 16QAM 3MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.651	-60.87	Pk	28.4	-33.3	12.4	-53.37	-13	-40.37	0-360	149	H	
2.476	-65.6	Pk	32.3	-32	11.3	-54	-13	-41	0-360	149	H	
3.302	-68.55	Pk	32.7	-30.9	11.6	-55.15	-13	-42.15	0-360	149	H	
4.128	-61.99	Pk	33.4	-29.5	11.4	-46.69	-13	-33.69	0-360	149	H	
1.651	-58.93	Pk	28.4	-33.3	11.4	-52.43	-13	-39.43	0-360	149	V	
2.476	-62.56	Pk	32.3	-32	11.4	-50.86	-13	-37.86	0-360	149	V	
3.302	-71.12	Pk	32.7	-30.9	11.9	-57.42	-13	-44.42	0-360	149	V	
4.127	-65.86	Pk	33.4	-29.5	11	-50.96	-13	-37.96	0-360	149	V	
Mid Channel												
1.673	-61.67	Pk	29	-33	11.6	-54.07	-13	-41.07	0-360	148	H	
2.51	-65.2	Pk	32.4	-31.7	11.4	-53.1	-13	-40.1	0-360	148	H	
3.346	-62.53	Pk	32.8	-30.7	11.4	-49.03	-13	-36.03	0-360	148	H	
4.183	-57.79	Pk	33.3	-29.4	11.6	-42.29	-13	-29.29	0-360	148	H	
1.673	-60.99	Pk	29.1	-33	10.9	-53.99	-13	-40.99	0-360	149	V	
2.509	-67.99	Pk	32.4	-31.8	11.4	-55.99	-13	-42.99	0-360	149	V	
3.345	-71.5	Pk	32.8	-30.7	12	-57.4	-13	-44.4	0-360	149	V	
4.183	-62.15	Pk	33.3	-29.4	11.8	-46.45	-13	-33.45	0-360	149	V	
High Channel												
1.695	-63.16	Pk	29.1	-33.2	11.3	-55.96	-13	-42.96	0-360	149	H	
2.536	-71.16	Pk	32.3	-31.7	12.7	-57.86	-13	-44.86	0-360	149	H	
3.39	-67.53	Pk	32.7	-30.8	11.6	-54.03	-13	-41.03	0-360	149	H	
4.237	-64.38	Pk	33.3	-29.8	11.7	-49.18	-13	-36.18	0-360	149	H	
1.695	-61.81	Pk	29.1	-33.2	12.4	-53.51	-13	-40.51	0-360	149	V	
2.542	-68.78	Pk	32.4	-31.7	11.7	-56.38	-13	-43.38	0-360	149	V	
3.39	-72.79	Pk	32.7	-30.8	11.9	-58.99	-13	-45.99	0-360	149	V	
4.238	-67.56	Pk	33.3	-29.7	12.1	-51.86	-13	-38.86	0-360	149	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 QPSK 10MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.658	-61.51	Pk	28.7	-33.2	12	-54.01	-13	-41.01	0-360	149	H	
2.487	-68.39	Pk	32.4	-31.9	11.5	-56.39	-13	-43.39	0-360	149	H	
4.145	-63.98	Pk	33.4	-29.3	11.7	-48.18	-13	-35.18	0-360	149	H	
3.315	-71	Pk	32.7	-30.8	11.3	-57.8	-13	-44.8	0-360	149	H	
1.658	-64.34	Pk	28.7	-33.2	11.4	-57.44	-13	-44.44	0-360	149	V	
2.486	-64.36	Pk	32.4	-31.9	11.6	-52.26	-13	-39.26	0-360	149	V	
3.311	-71.94	Pk	32.7	-30.8	11.8	-58.24	-13	-45.24	0-360	149	V	
4.144	-66.45	Pk	33.4	-29.3	11.5	-50.85	-13	-37.85	0-360	149	V	
Mid Channel												
1.673	-57.98	Pk	29.1	-33	11.6	-50.28	-13	-37.28	0-360	148	H	
2.509	-67.19	Pk	32.4	-31.8	11.4	-55.19	-13	-42.19	0-360	148	H	
3.345	-62.01	Pk	32.8	-30.7	11.4	-48.51	-13	-35.51	0-360	148	H	
4.182	-58.92	Pk	33.3	-29.4	11.6	-43.42	-13	-30.42	0-360	148	H	
1.673	-58.08	Pk	29	-33	10.9	-51.18	-13	-38.18	0-360	149	V	
2.509	-65.82	Pk	32.4	-31.8	11.4	-53.82	-13	-40.82	0-360	149	V	
3.345	-69.43	Pk	32.8	-30.7	12	-55.33	-13	-42.33	0-360	149	V	
4.182	-57.87	Pk	33.3	-29.4	11.8	-42.17	-13	-29.17	0-360	149	V	
High Channel												
1.687	-57.3	Pk	29.1	-33	11.4	-49.8	-13	-36.8	0-360	149	H	
2.532	-69.44	Pk	32.4	-31.7	12.7	-56.04	-13	-43.04	0-360	149	H	
3.376	-64.81	Pk	32.7	-30.9	11.3	-51.71	-13	-38.71	0-360	149	H	
4.22	-65.7	Pk	33.3	-29.6	12.2	-49.8	-13	-36.8	0-360	149	H	
1.688	-58.85	Pk	29.1	-33	11.9	-50.85	-13	-37.85	0-360	149	V	
2.532	-67.87	Pk	32.4	-31.7	11.5	-55.67	-13	-42.67	0-360	149	V	
3.376	-70.1	Pk	32.7	-30.9	11.9	-56.4	-13	-43.4	0-360	149	V	
4.22	-67.92	Pk	33.3	-29.6	12.5	-51.72	-13	-38.72	0-360	149	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/05/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 5 16QAM 10MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.658	-62.08	Pk	28.7	-33.2	12	-54.58	-13	-41.58	0-360	148	H	
2.487	-68.16	Pk	32.4	-31.9	11.5	-56.16	-13	-43.16	0-360	148	H	
3.315	-69.84	Pk	32.7	-30.8	11.3	-56.64	-13	-43.64	0-360	148	H	
4.144	-64.58	Pk	33.4	-29.3	11.7	-48.78	-13	-35.78	0-360	148	H	
1.658	-65.75	Pk	28.7	-33.2	11.4	-58.85	-13	-45.85	0-360	149	V	
2.487	-65.33	Pk	32.4	-31.9	11.6	-53.23	-13	-40.23	0-360	149	V	
3.319	-72.94	Pk	32.8	-30.9	11.6	-59.44	-13	-46.44	0-360	149	V	
4.145	-66.75	Pk	33.4	-29.3	11.5	-51.15	-13	-38.15	0-360	149	V	
Mid Channel												
1.673	-61.55	Pk	29	-33	11.6	-53.95	-13	-40.95	0-360	149	H	
2.509	-68.52	Pk	32.4	-31.8	11.4	-56.52	-13	-43.52	0-360	149	H	
3.345	-65.24	Pk	32.8	-30.7	11.4	-51.74	-13	-38.74	0-360	149	H	
4.182	-60.16	Pk	33.3	-29.4	11.6	-44.66	-13	-31.66	0-360	149	H	
1.673	-59.22	Pk	29	-33	10.9	-52.32	-13	-39.32	0-360	149	V	
2.509	-68.29	Pk	32.4	-31.8	11.4	-56.29	-13	-43.29	0-360	149	V	
3.346	-71.43	Pk	32.8	-30.7	12	-57.33	-13	-44.33	0-360	149	V	
4.182	-60.7	Pk	33.3	-29.4	11.8	-45	-13	-32	0-360	149	V	
High Channel												
1.688	-55.97	Pk	29.1	-33	11.4	-48.47	-13	-35.47	0-360	148	H	
2.532	-71.77	Pk	32.4	-31.7	12.7	-58.37	-13	-45.37	0-360	148	H	
3.376	-63.68	Pk	32.7	-30.9	11.3	-50.58	-13	-37.58	0-360	148	H	
4.22	-66.33	Pk	33.3	-29.6	12.2	-50.43	-13	-37.43	0-360	148	H	
1.688	-59.95	Pk	29.1	-33	11.9	-51.95	-13	-38.95	0-360	149	V	
2.532	-67.76	Pk	32.4	-31.7	11.5	-55.56	-13	-42.56	0-360	149	V	
3.376	-71.66	Pk	32.7	-30.9	11.9	-57.96	-13	-44.96	0-360	149	V	
4.219	-69.06	Pk	33.3	-29.6	12.5	-52.86	-13	-39.86	0-360	149	V	

9.4. LTE BAND 12

Company:			Qualcomm									
Project #:			12698625									
Date:			03/06/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 12 QPSK 1.4MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.399	-62.35	Pk	29.1	-33.7	10.4	-56.55	-13	-43.55	0-360	148	H	
2.099	-66.79	Pk	31.2	-32.5	11.8	-56.29	-13	-43.29	0-360	148	H	
2.798	-69.32	Pk	32.3	-31.5	11.8	-56.72	-13	-43.72	0-360	148	H	
3.498	-67.51	Pk	32.8	-30.5	12.1	-53.11	-13	-40.11	0-360	148	H	
1.399	-61.06	Pk	29.1	-33.7	10.3	-55.36	-13	-42.36	0-360	148	V	
2.099	-69.32	Pk	31.2	-32.5	11.3	-59.32	-13	-46.32	0-360	148	V	
2.799	-70.65	Pk	32.3	-31.5	11.8	-58.05	-13	-45.05	0-360	148	V	
3.498	-73.47	Pk	32.8	-30.5	11.9	-59.27	-13	-46.27	0-360	148	V	
Mid Channel												
1.414	-62.35	Pk	28.8	-33.7	12.1	-55.15	-13	-42.15	0-360	148	H	
2.123	-65.94	Pk	31.3	-32.5	12.4	-54.74	-13	-41.74	0-360	148	H	
2.829	-70.9	Pk	32.3	-31.5	12	-58.1	-13	-45.1	0-360	148	H	
3.537	-64.25	Pk	33	-30.2	11.2	-50.25	-13	-37.25	0-360	148	H	
1.415	-65.52	Pk	28.8	-33.7	11.9	-58.52	-13	-45.52	0-360	148	V	
2.123	-67.83	Pk	31.3	-32.5	11.7	-57.33	-13	-44.33	0-360	148	V	
2.83	-73.29	Pk	32.3	-31.5	11.9	-60.59	-13	-47.59	0-360	148	V	
3.537	-71.43	Pk	33	-30.2	11.7	-56.93	-13	-43.93	0-360	148	V	
High Channel												
1.43	-62.77	Pk	28.5	-33.5	12.2	-55.57	-13	-42.57	0-360	148	H	
2.145	-66.15	Pk	31.3	-32.3	10.9	-56.25	-13	-43.25	0-360	148	H	
2.86	-73.26	Pk	32.1	-31.6	12	-60.76	-13	-47.76	0-360	148	H	
3.576	-70.18	Pk	33.1	-30.1	11.3	-55.88	-13	-42.88	0-360	148	H	
1.43	-61.09	Pk	28.5	-33.5	11.9	-54.19	-13	-41.19	0-360	148	V	
2.145	-60.89	Pk	31.3	-32.3	11.4	-50.49	-13	-37.49	0-360	148	V	
3.577	-71.49	Pk	33.1	-30.2	11.5	-57.09	-13	-44.09	0-360	148	V	
2.865	-75.24	Pk	32	-31.4	12.3	-62.34	-13	-49.34	0-360	148	V	

Company:			Qualcomm									
Project #:			12698625									
Date:			03/06/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 2 16QAM 1.4MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.399	-62.75	Pk	29.1	-33.7	10.4	-56.95	-13	-43.95	0-360	148	H	
2.099	-63.88	Pk	31.2	-32.5	11.8	-53.38	-13	-40.38	0-360	148	H	
2.797	-71.08	Pk	32.3	-31.5	11.8	-58.48	-13	-45.48	0-360	148	H	
3.498	-66.49	Pk	32.8	-30.5	12.1	-52.09	-13	-39.09	0-360	148	H	
1.399	-60.68	Pk	29.1	-33.7	10.3	-54.98	-13	-41.98	0-360	148	V	
2.099	-69.08	Pk	31.2	-32.5	11.4	-58.98	-13	-45.98	0-360	148	V	
2.798	-71.69	Pk	32.3	-31.5	11.8	-59.09	-13	-46.09	0-360	148	V	
3.498	-75.22	Pk	32.8	-30.5	11.9	-61.02	-13	-48.02	0-360	148	V	
Mid Channel												
1.414	-61.25	Pk	28.8	-33.7	12.1	-54.05	-13	-41.05	0-360	148	H	
2.123	-66.02	Pk	31.3	-32.5	12.4	-54.82	-13	-41.82	0-360	148	H	
2.83	-70.96	Pk	32.3	-31.5	12	-58.16	-13	-45.16	0-360	148	H	
3.537	-66.14	Pk	33	-30.1	11.2	-52.04	-13	-39.04	0-360	148	H	
2.122	-65.27	Pk	31.3	-32.5	11.7	-54.77	-13	-41.77	0-360	148	V	
2.122	-65.27	Pk	31.3	-32.5	11.7	-54.77	-13	-41.77	0-360	148	V	
2.83	-72.81	Pk	32.3	-31.5	11.9	-60.11	-13	-47.11	0-360	148	V	
3.537	-70.78	Pk	33	-30.2	11.7	-56.28	-13	-43.28	0-360	148	V	
High Channel												
1.43	-63.88	Pk	28.5	-33.5	12.2	-56.68	-13	-43.68	0-360	148	H	
2.146	-66.78	Pk	31.3	-32.3	10.9	-56.88	-13	-43.88	0-360	148	H	
2.857	-74.06	Pk	32.1	-31.5	11.8	-61.66	-13	-48.66	0-360	148	H	
3.577	-66.16	Pk	33.1	-30.2	11.3	-51.96	-13	-38.96	0-360	148	H	
1.43	-61.04	Pk	28.5	-33.5	11.9	-54.14	-13	-41.14	0-360	148	V	
2.145	-62.56	Pk	31.3	-32.3	11.4	-52.16	-13	-39.16	0-360	148	V	
2.857	-74.49	Pk	32.1	-31.5	11.8	-62.09	-13	-49.09	0-360	148	V	
3.577	-74.29	Pk	33.1	-30.2	11.5	-59.89	-13	-46.89	0-360	148	V	

Company:		Qualcomm									
Project #:		12698625									
Date:		03/06/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 12 QPSK 3 MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.401	-62.76	Pk	29	-33.7	10.4	-57.06	-13	-44.06	0-360	148	H
2.102	-69.59	Pk	31.1	-32.5	11.7	-59.29	-13	-46.29	0-360	148	H
2.801	-69.69	Pk	32.3	-31.4	11.8	-56.99	-13	-43.99	0-360	148	H
3.503	-69.68	Pk	32.9	-30.4	11.9	-55.28	-13	-42.28	0-360	148	H
1.401	-63.92	Pk	29	-33.7	10.3	-58.32	-13	-45.32	0-360	149	V
2.102	-71.79	Pk	31.1	-32.5	11.6	-61.59	-13	-48.59	0-360	149	V
2.802	-72.68	Pk	32.3	-31.4	11.8	-59.98	-13	-46.98	0-360	149	V
3.503	-74.26	Pk	32.9	-30.4	11.8	-59.96	-13	-46.96	0-360	149	V
Mid Channel											
1.415	-59.93	Pk	28.8	-33.7	12.1	-52.73	-13	-39.73	0-360	148	H
2.123	-65.78	Pk	31.3	-32.5	12.4	-54.58	-13	-41.58	0-360	148	H
2.83	-69.38	Pk	32.3	-31.5	12	-56.58	-13	-43.58	0-360	148	H
3.538	-64.03	Pk	33	-30.2	11.2	-50.03	-13	-37.03	0-360	148	H
1.415	-66.03	Pk	28.8	-33.7	11.9	-59.03	-13	-46.03	0-360	148	V
2.123	-67.21	Pk	31.3	-32.5	11.7	-56.71	-13	-43.71	0-360	148	V
2.83	-71.87	Pk	32.3	-31.5	11.9	-59.17	-13	-46.17	0-360	148	V
3.538	-71.08	Pk	33	-30.2	11.7	-56.58	-13	-43.58	0-360	148	V
High Channel											
1.429	-62.4	Pk	28.6	-33.6	12.3	-55.1	-13	-42.1	0-360	148	H
2.143	-67.78	Pk	31.2	-32.3	11	-57.88	-13	-44.88	0-360	148	H
2.858	-73.66	Pk	32.1	-31.5	11.8	-61.26	-13	-48.26	0-360	148	H
3.572	-68.73	Pk	33.1	-30.2	11.2	-54.63	-13	-41.63	0-360	148	H
1.429	-61.35	Pk	28.6	-33.6	12	-54.35	-13	-41.35	0-360	148	V
2.143	-69.71	Pk	31.2	-32.3	11.3	-59.51	-13	-46.51	0-360	148	V
2.852	-74.47	Pk	32.2	-31.6	11.8	-62.07	-13	-49.07	0-360	148	V
3.573	-71.89	Pk	33.1	-30.2	11.7	-57.29	-13	-44.29	0-360	148	V

Company:			Qualcomm									
Project #:			12698625									
Date:			03/06/2019									
Test Engineer:			19498									
Configuration:			EUT+ Support Equipment									
Mode:			LTE 2 16QAM 3MHz									
Chamber #:			Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity	
Low Channel												
1.401	-62.05	Pk	29	-33.7	10.4	-56.35	-13	-43.35	0-360	148	H	
2.101	-67.5	Pk	31.1	-32.5	11.7	-57.2	-13	-44.2	0-360	148	H	
2.803	-72.56	Pk	32.3	-31.4	11.9	-59.76	-13	-46.76	0-360	148	H	
3.502	-72.92	Pk	32.9	-30.4	12	-58.42	-13	-45.42	0-360	148	H	
1.401	-63.03	Pk	29	-33.7	10.3	-57.43	-13	-44.43	0-360	149	V	
2.101	-71.13	Pk	31.1	-32.5	11.6	-60.93	-13	-47.93	0-360	149	V	
2.802	-72.04	Pk	32.3	-31.4	11.8	-59.34	-13	-46.34	0-360	149	V	
Mid Channel												
1.415	-61.99	Pk	28.8	-33.7	12.1	-54.79	-13	-41.79	0-360	148	H	
2.123	-65.98	Pk	31.3	-32.5	12.4	-54.78	-13	-41.78	0-360	148	H	
2.83	-71.17	Pk	32.3	-31.5	12	-58.37	-13	-45.37	0-360	148	H	
3.538	-66.28	Pk	33	-30.2	11.2	-52.28	-13	-39.28	0-360	148	H	
1.415	-66.84	Pk	28.8	-33.7	11.9	-59.84	-13	-46.84	0-360	149	V	
2.123	-68.27	Pk	31.3	-32.5	11.7	-57.77	-13	-44.77	0-360	149	V	
2.83	-72.13	Pk	32.3	-31.5	11.9	-59.43	-13	-46.43	0-360	149	V	
3.537	-69.67	Pk	33	-30.2	11.7	-55.17	-13	-42.17	0-360	149	V	
High Channel												
1.429	-63.37	Pk	28.6	-33.6	12.3	-56.07	-13	-43.07	0-360	148	H	
2.143	-67.52	Pk	31.2	-32.3	11	-57.62	-13	-44.62	0-360	148	H	
2.857	-74.24	Pk	32.1	-31.5	11.8	-61.84	-13	-48.84	0-360	148	H	
3.573	-71.29	Pk	33.1	-30.2	11.2	-57.19	-13	-44.19	0-360	148	H	
1.429	-62.63	Pk	28.6	-33.6	12	-55.63	-13	-42.63	0-360	148	V	
2.143	-69.43	Pk	31.2	-32.3	11.3	-59.23	-13	-46.23	0-360	148	V	
2.863	-73.97	Pk	32	-31.5	12.1	-61.37	-13	-48.37	0-360	148	V	
3.572	-75.25	Pk	33.1	-30.2	11.8	-60.55	-13	-47.55	0-360	148	V	

Company:			Qualcomm								
Project #:			12698625								
Date:			03/06/2019								
Test Engineer:			19498								
Configuration:			EUT+ Support Equipment								
Mode:			LTE 12 QPSK 10MHz								
Chamber #:			Chamber I								
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.408	-63.18	Pk	28.8	-33.7	11.6	-56.48	-13	-43.48	0-360	148	H
2.112	-70.76	Pk	31.2	-32.6	12.2	-59.96	-13	-46.96	0-360	148	H
2.816	-73.42	Pk	32.3	-31.4	12.2	-60.32	-13	-47.32	0-360	148	H
3.52	-73.24	Pk	33	-30.1	11.8	-58.54	-13	-45.54	0-360	148	H
1.408	-65.98	Pk	28.8	-33.7	11.4	-59.48	-13	-46.48	0-360	148	V
2.112	-70.75	Pk	31.2	-32.6	11.6	-60.55	-13	-47.55	0-360	148	V
2.816	-71.83	Pk	32.3	-31.4	11.8	-59.13	-13	-46.13	0-360	148	V
3.523	-75.3	Pk	33	-30	11.8	-60.5	-13	-47.5	0-360	148	V
Mid Channel											
1.414	-52.84	Pk	28.8	-33.7	12.1	-45.64	-13	-32.64	0-360	149	H
2.123	-67.78	Pk	31.3	-32.5	12.4	-56.58	-13	-43.58	0-360	149	H
2.83	-72.03	Pk	32.3	-31.5	12	-59.23	-13	-46.23	0-360	149	H
3.537	-64.87	Pk	33	-30.2	11.2	-50.87	-13	-37.87	0-360	149	H
1.415	-64.21	Pk	28.8	-33.7	11.9	-57.21	-13	-44.21	0-360	149	V
2.122	-67.99	Pk	31.3	-32.5	11.7	-57.49	-13	-44.49	0-360	149	V
2.83	-72.91	Pk	32.3	-31.5	11.9	-60.21	-13	-47.21	0-360	149	V
3.537	-71.88	Pk	33	-30.2	11.7	-57.38	-13	-44.38	0-360	149	V
High Channel											
1.421	-59.72	Pk	28.7	-33.5	12.4	-52.12	-13	-39.12	0-360	148	H
2.133	-66.8	Pk	31.3	-32.5	12	-56	-13	-43	0-360	148	H
2.843	-67.52	Pk	32.2	-31.6	11.4	-55.52	-13	-42.52	0-360	148	H
3.554	-71	Pk	33.1	-30.1	11	-57	-13	-44	0-360	148	H
1.422	-63.66	Pk	28.7	-33.5	12.4	-56.06	-13	-43.06	0-360	148	V
2.133	-67.08	Pk	31.3	-32.5	12	-56.28	-13	-43.28	0-360	148	V
2.843	-72.9	Pk	32.2	-31.6	11.6	-60.7	-13	-47.7	0-360	148	V
3.555	-74.75	Pk	33.1	-30.1	11.7	-60.05	-13	-47.05	0-360	148	V

Company:		Qualcomm									
Project #:		12698625									
Date:		03/06/2019									
Test Engineer:		19498									
Configuration:		EUT+ Support Equipment									
Mode:		LTE 2 16QAM 10MHz									
Chamber #:		Chamber I									
Frequency (MHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Amp/Cbl (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
Low Channel											
1.407	-64.45	Pk	28.8	-33.7	11.5	-57.85	-13	-44.85	0-360	148	H
2.112	-69.26	Pk	31.2	-32.6	12.2	-58.46	-13	-45.46	0-360	148	H
2.817	-74.29	Pk	32.3	-31.4	12.2	-61.19	-13	-48.19	0-360	148	H
3.52	-72.09	Pk	33	-30.1	11.8	-57.39	-13	-44.39	0-360	148	H
1.407	-66.44	Pk	28.8	-33.7	11.3	-60.04	-13	-47.04	0-360	148	V
2.111	-69.21	Pk	31.2	-32.6	11.6	-59.01	-13	-46.01	0-360	148	V
2.818	-74.77	Pk	32.3	-31.4	11.9	-61.97	-13	-48.97	0-360	148	V
3.52	-75.11	Pk	33	-30.1	12	-60.21	-13	-47.21	0-360	148	V
Mid Channel											
1.414	-55.25	Pk	28.8	-33.7	12.1	-48.05	-13	-35.05	0-360	149	H
2.123	-67.49	Pk	31.3	-32.5	12.4	-56.29	-13	-43.29	0-360	149	H
2.83	-72.09	Pk	32.3	-31.5	12	-59.29	-13	-46.29	0-360	149	H
3.537	-67.65	Pk	33	-30.2	11.2	-53.65	-13	-40.65	0-360	149	H
1.415	-66.2	Pk	28.8	-33.7	11.9	-59.2	-13	-46.2	0-360	149	V
2.123	-67.51	Pk	31.3	-32.5	11.7	-57.01	-13	-44.01	0-360	149	V
2.83	-72.29	Pk	32.3	-31.5	11.9	-59.59	-13	-46.59	0-360	149	V
3.537	-69.24	Pk	33	-30.2	11.7	-54.74	-13	-41.74	0-360	149	V
High Channel											
1.422	-59.57	Pk	28.7	-33.5	12.4	-51.97	-13	-38.97	0-360	148	H
2.133	-65.49	Pk	31.3	-32.5	12	-54.69	-13	-41.69	0-360	148	H
2.843	-70.5	Pk	32.2	-31.6	11.4	-58.5	-13	-45.5	0-360	148	H
3.555	-70.07	Pk	33.1	-30.1	11	-56.07	-13	-43.07	0-360	148	H
1.422	-62.66	Pk	28.7	-33.5	12.4	-55.06	-13	-42.06	0-360	148	V
2.133	-66.2	Pk	31.3	-32.5	12	-55.4	-13	-42.4	0-360	148	V
2.844	-72.37	Pk	32.2	-31.6	11.6	-60.17	-13	-47.17	0-360	148	V
3.554	-74.28	Pk	33.1	-30.1	11.7	-59.58	-13	-46.58	0-360	148	V