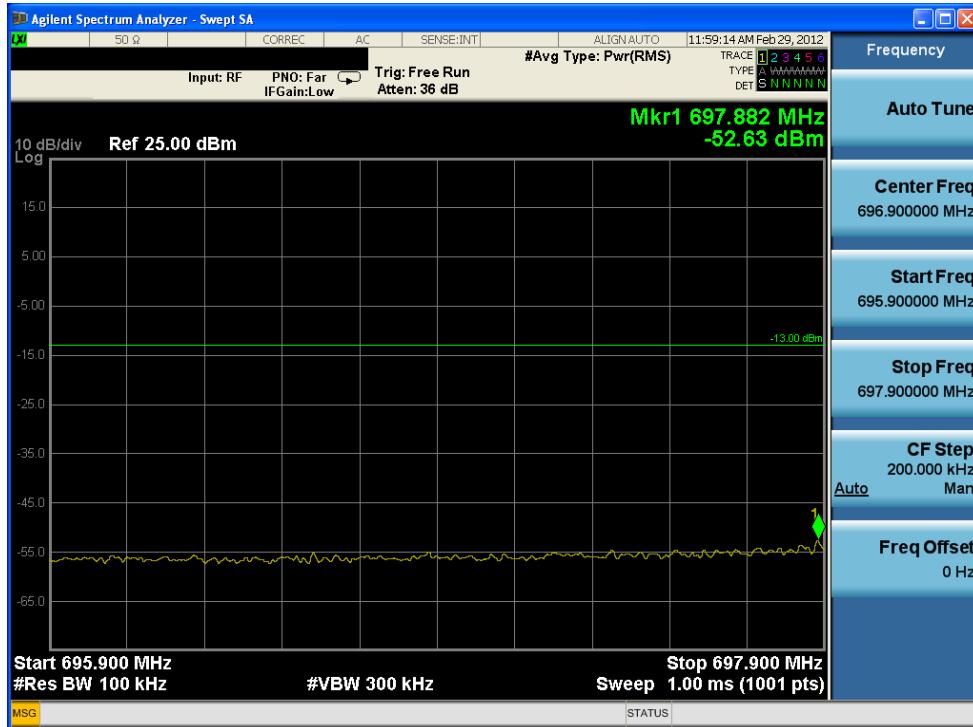
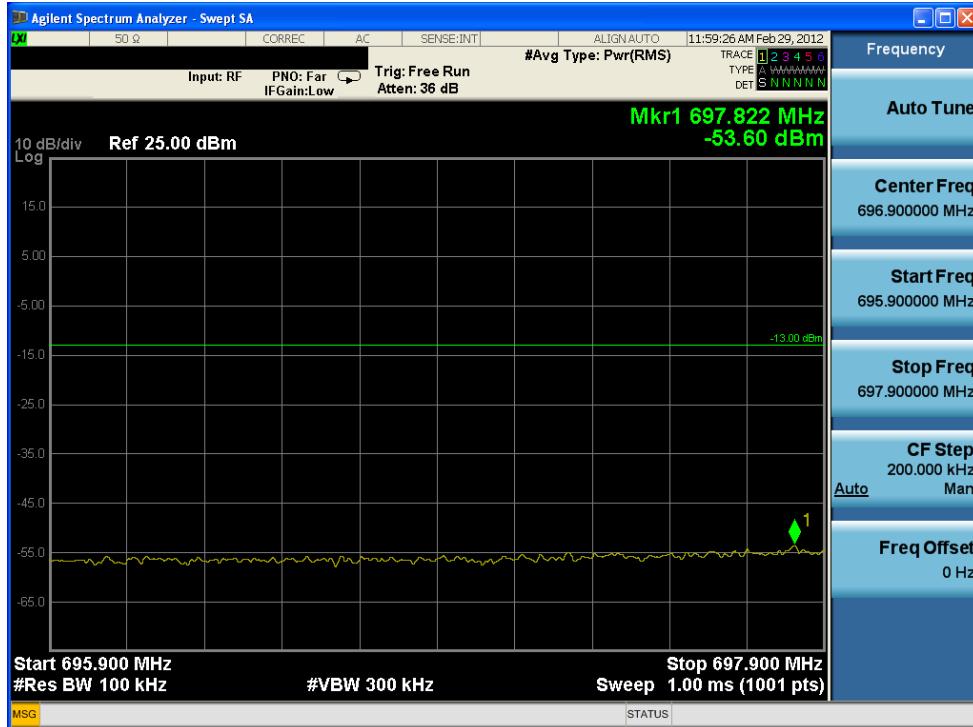


BAND 12 – 10 MHZ BW



Plot 7-96. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

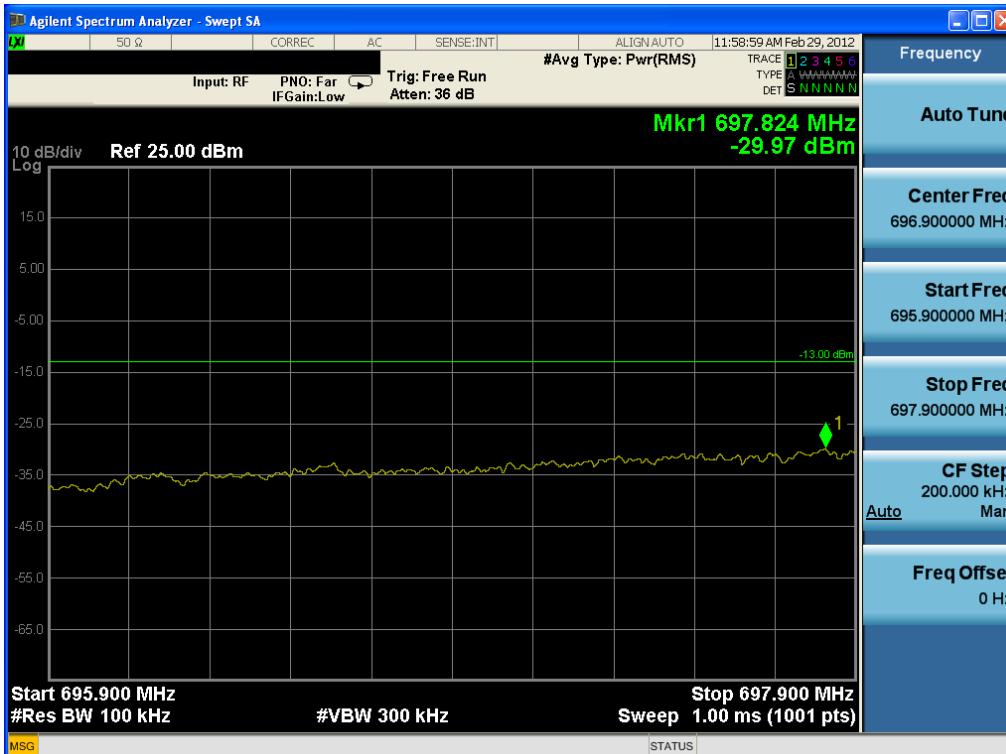


Plot 7-97. Lower Band Edge Plot (16QAM – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router			Page 85 of 167

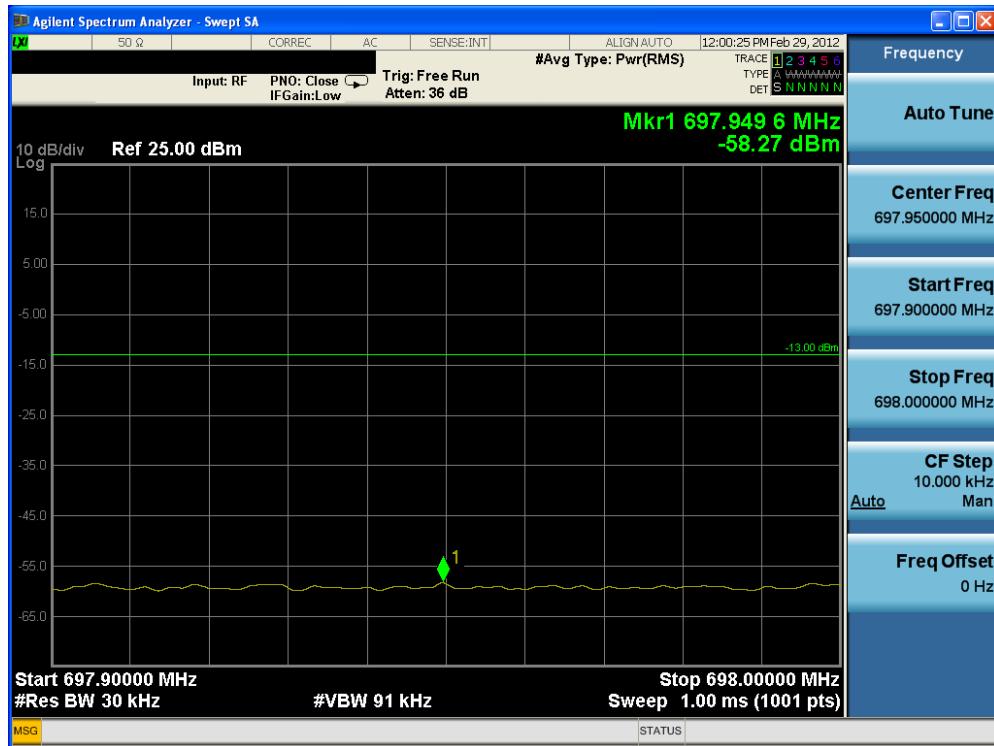


Plot 7-98. Lower Band Edge Plot (QPSK – RB Size 50)

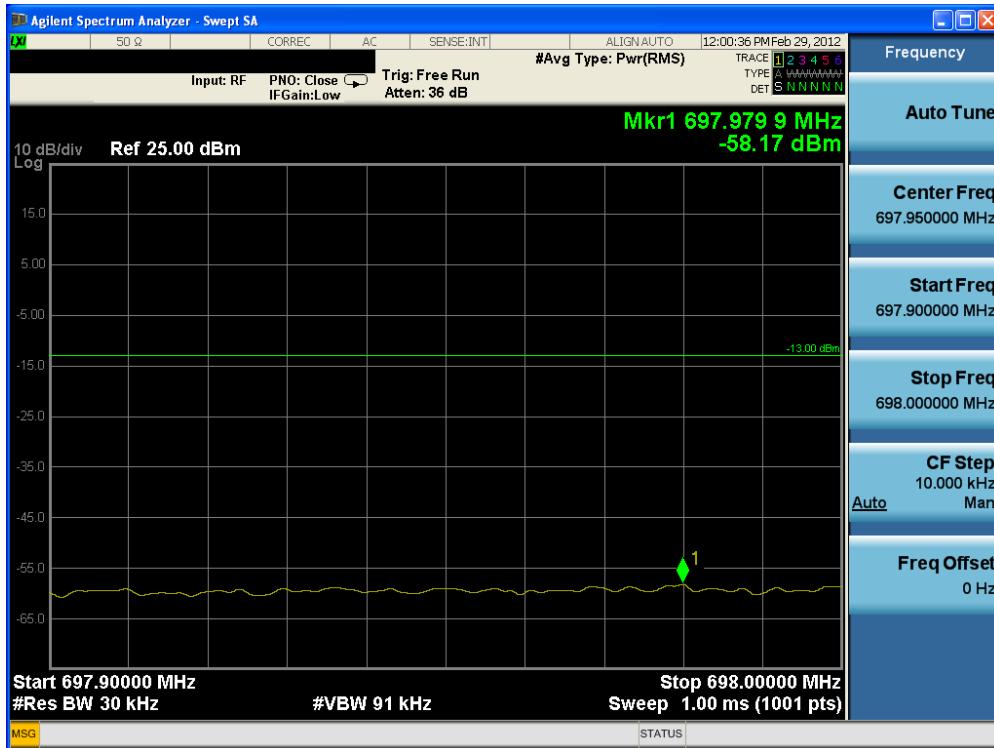


Plot 7-99. Lower Band Edge Plot (16-QAM – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 86 of 167

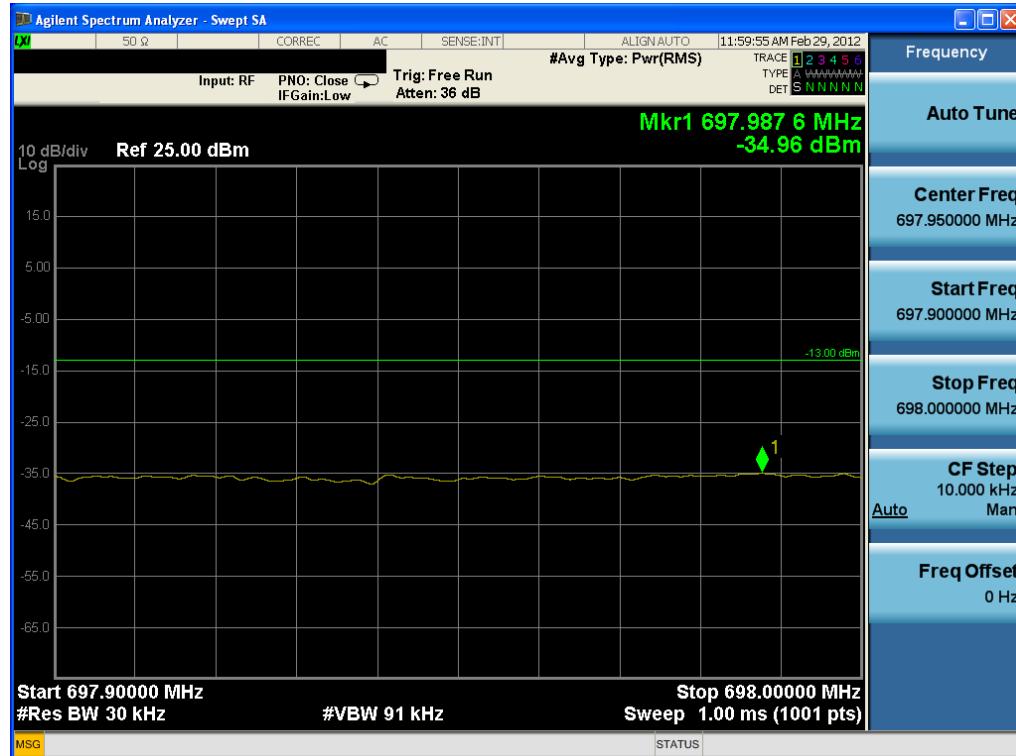


Plot 7-100. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

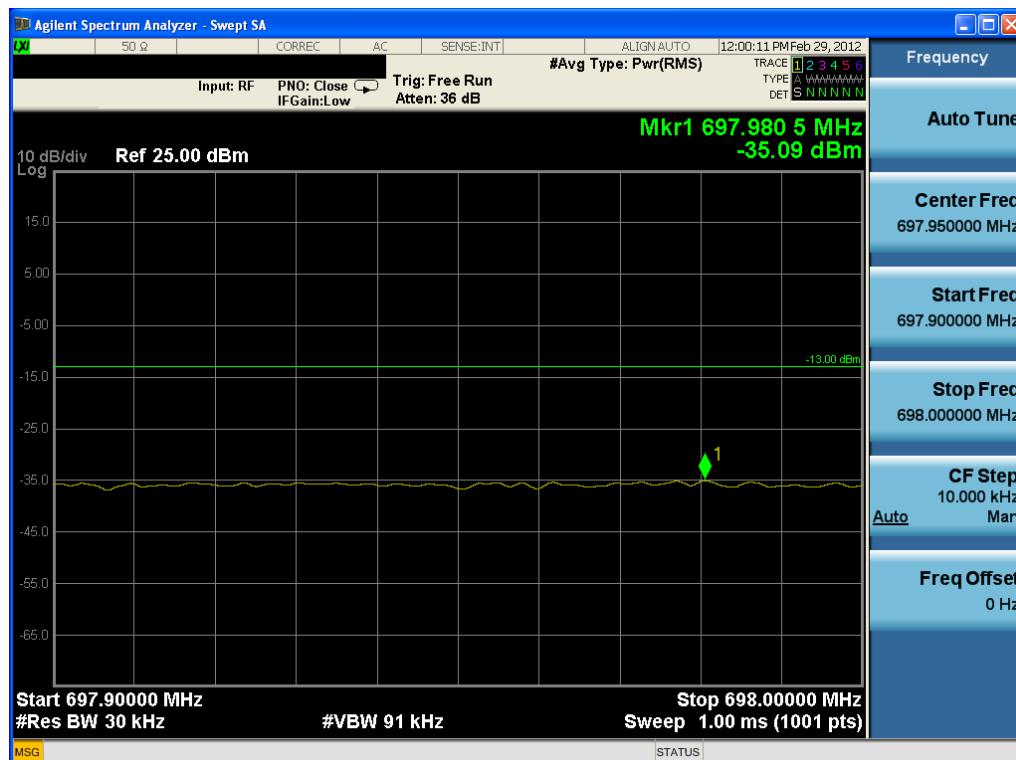


Plot 7-101. Lower Band Edge Plot (16-QAM – RB Size, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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Plot 7-102. Lower Band Edge Plot (QPSK – RB Size 50)

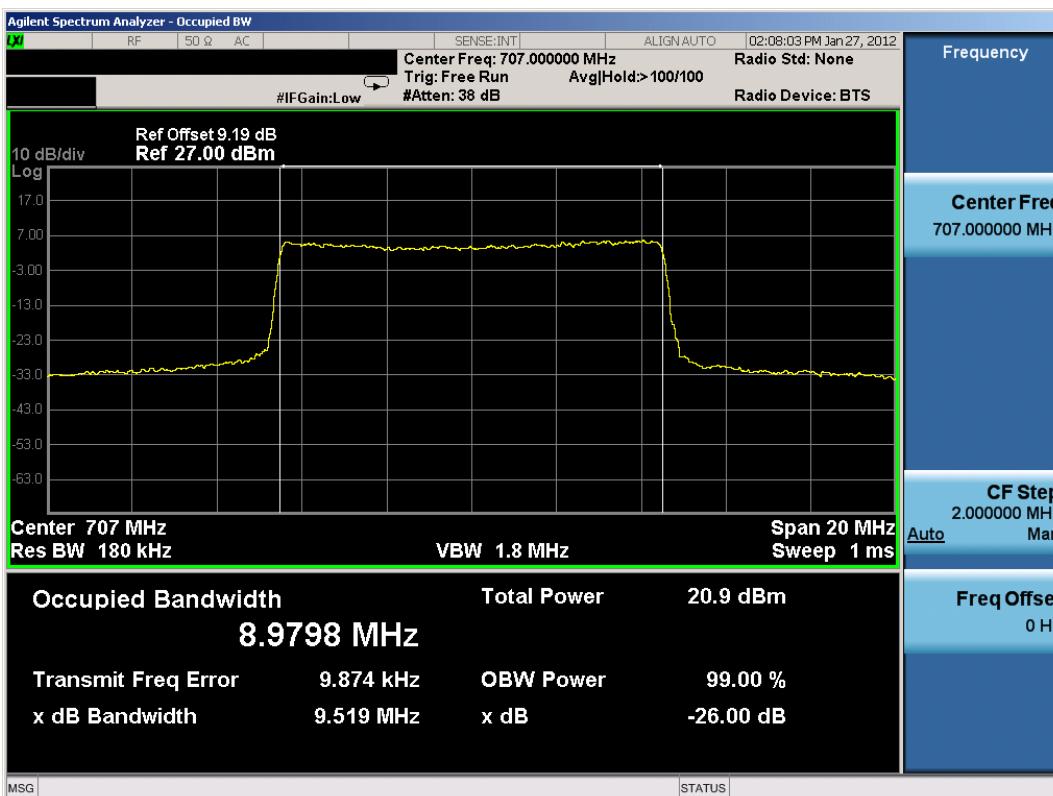


Plot 7-103. Lower Band Edge Plot (16-QAM – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 88 of 167

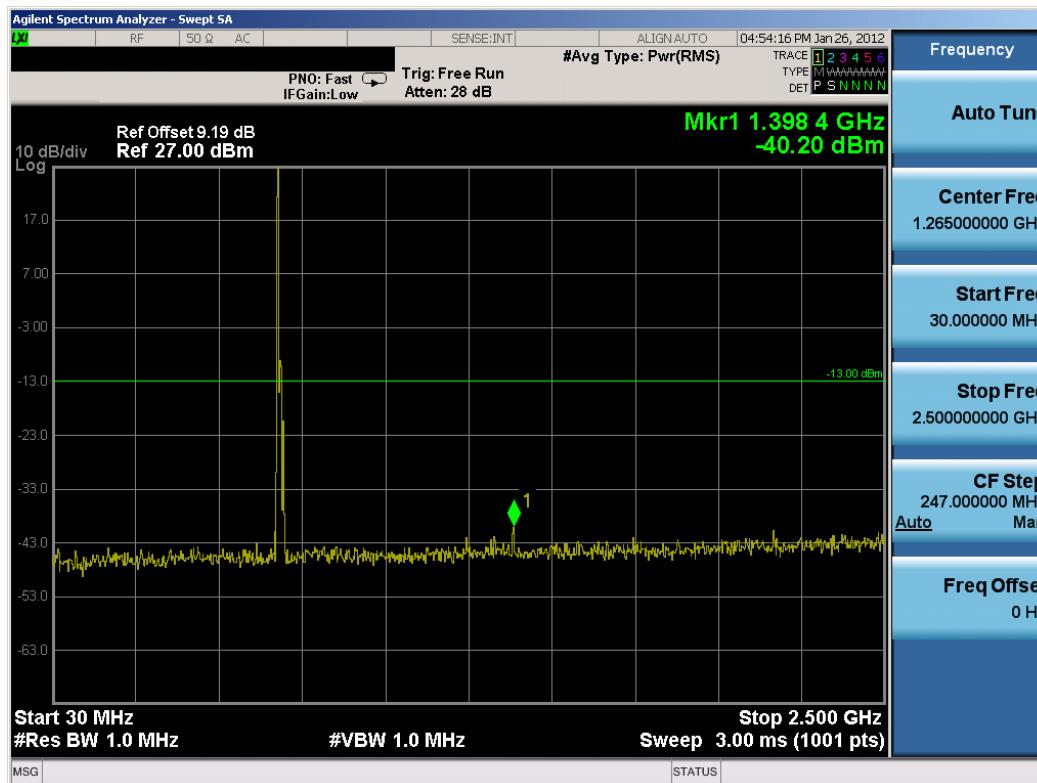


Plot 7-104. Occupied Bandwidth Plot (QPSK – RB Size 50)

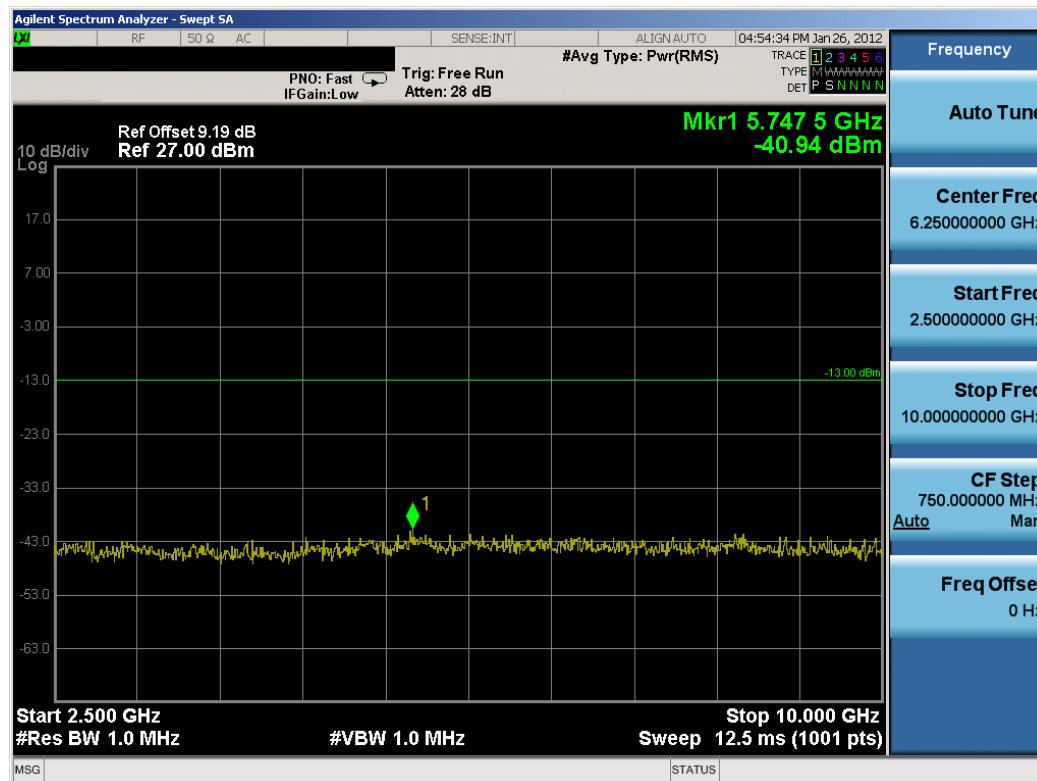


Plot 7-105. Occupied Bandwidth Plot (16-QAM – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 89 of 167

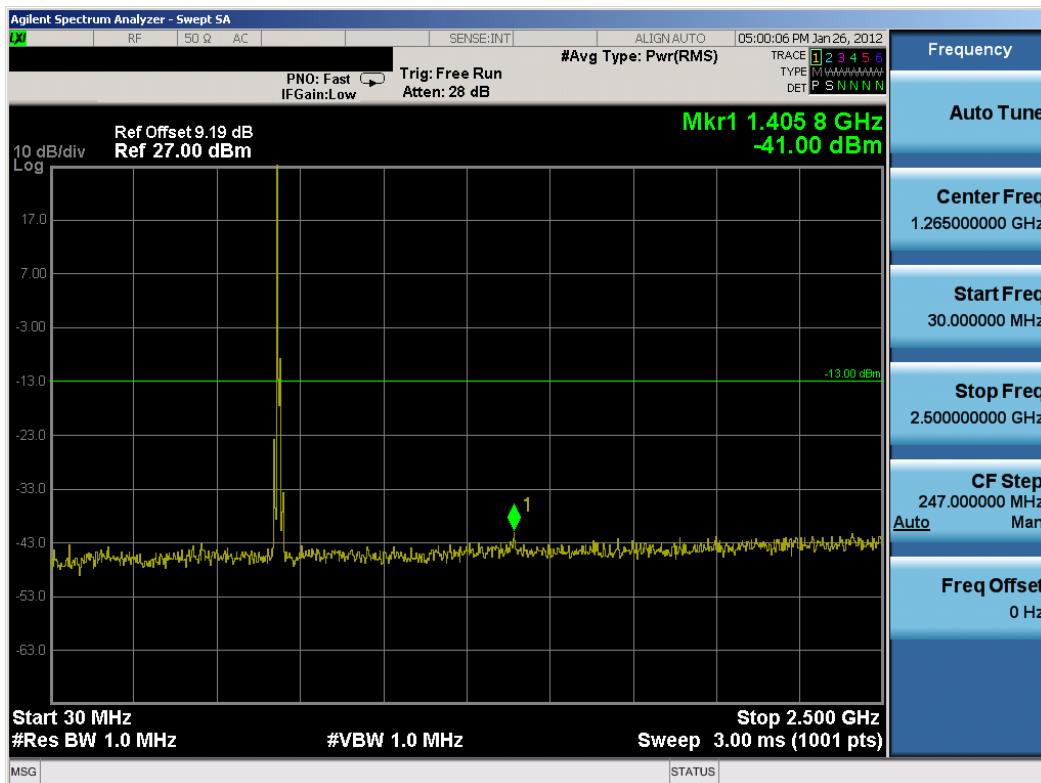


Plot 7-106. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

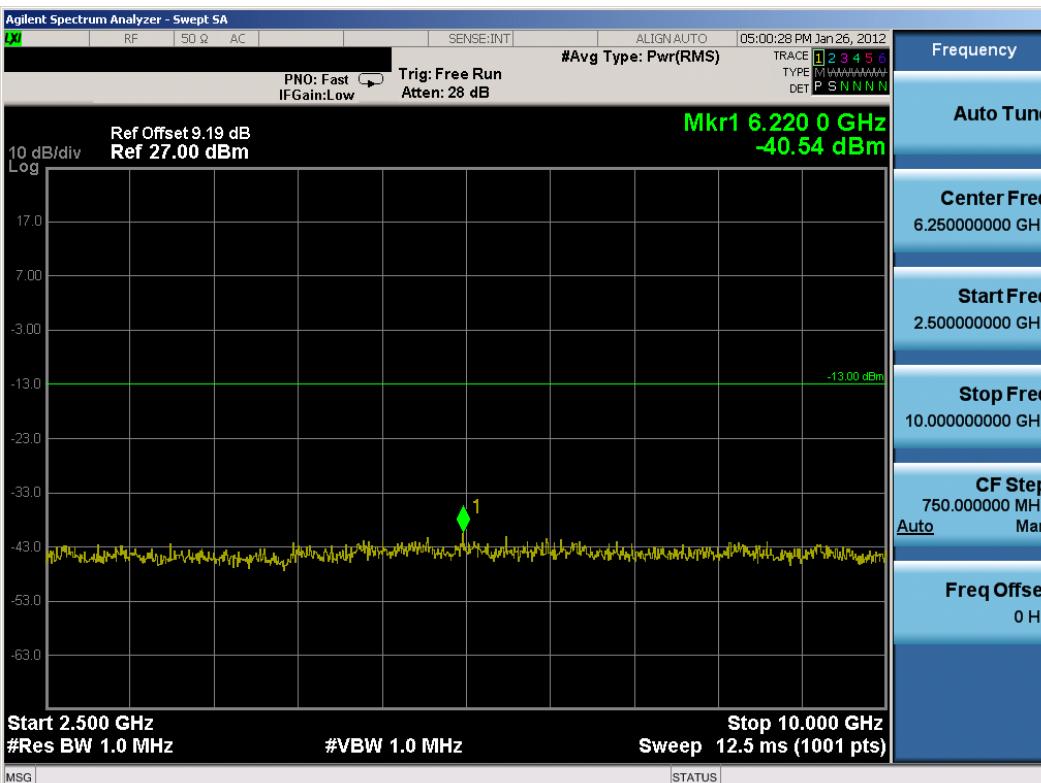


Plot 7-107. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 90 of 167

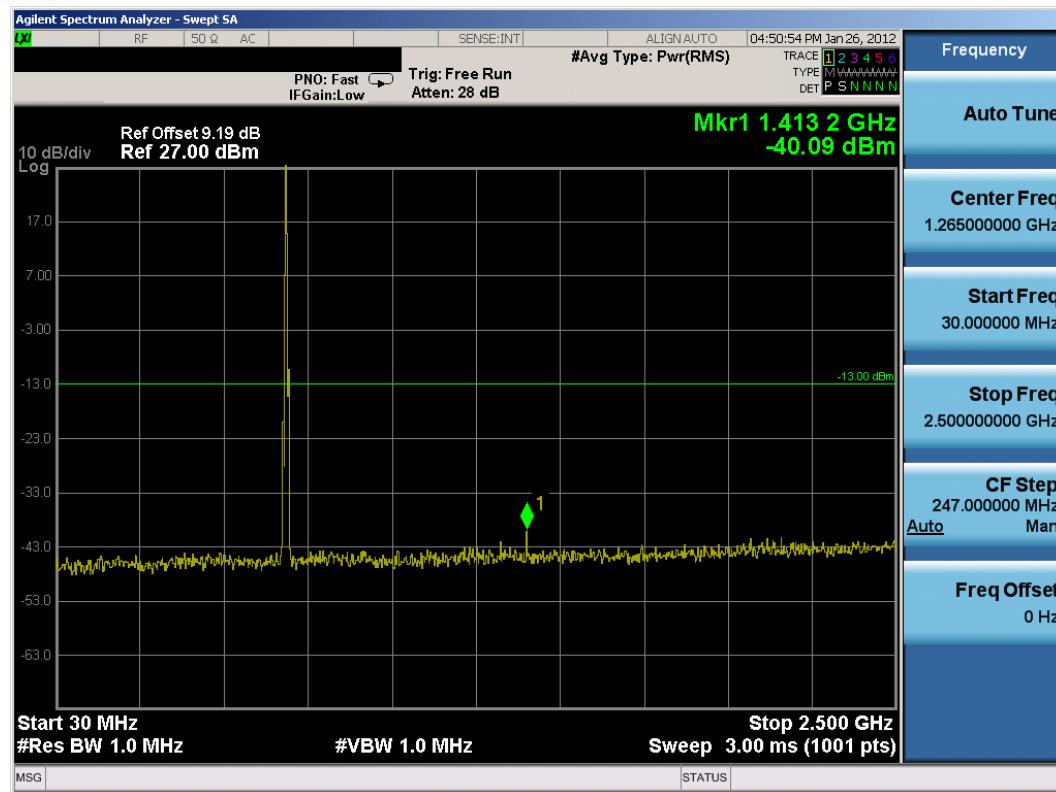


Plot 7-108. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

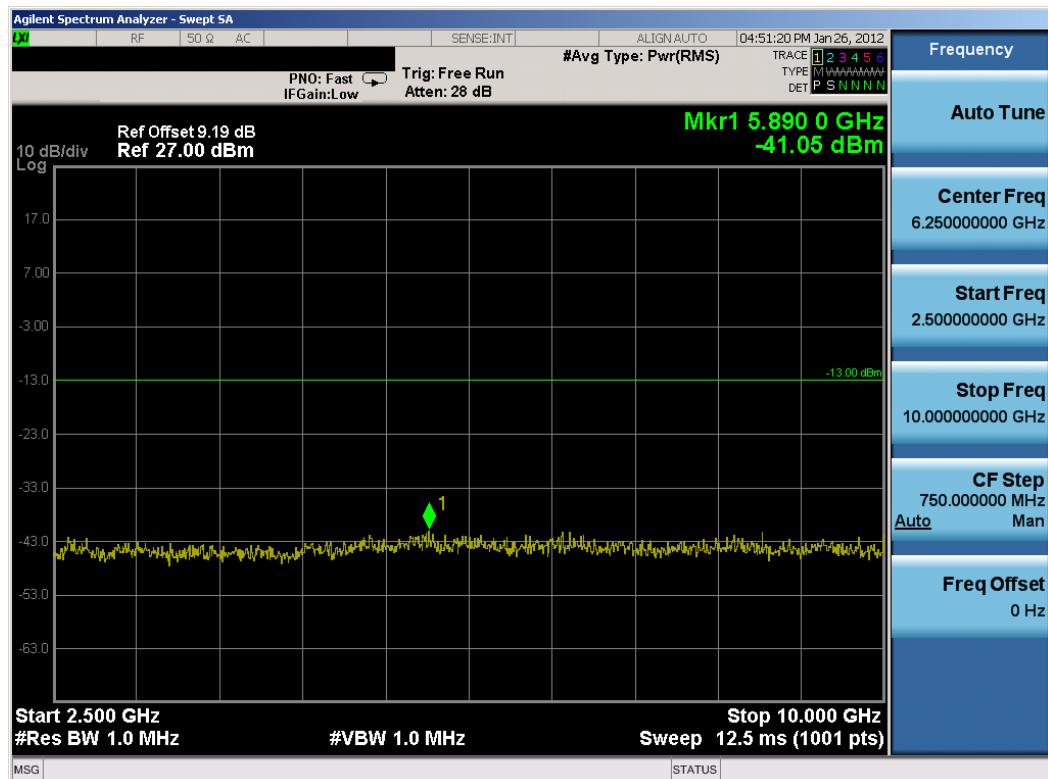


Plot 7-109. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 91 of 167

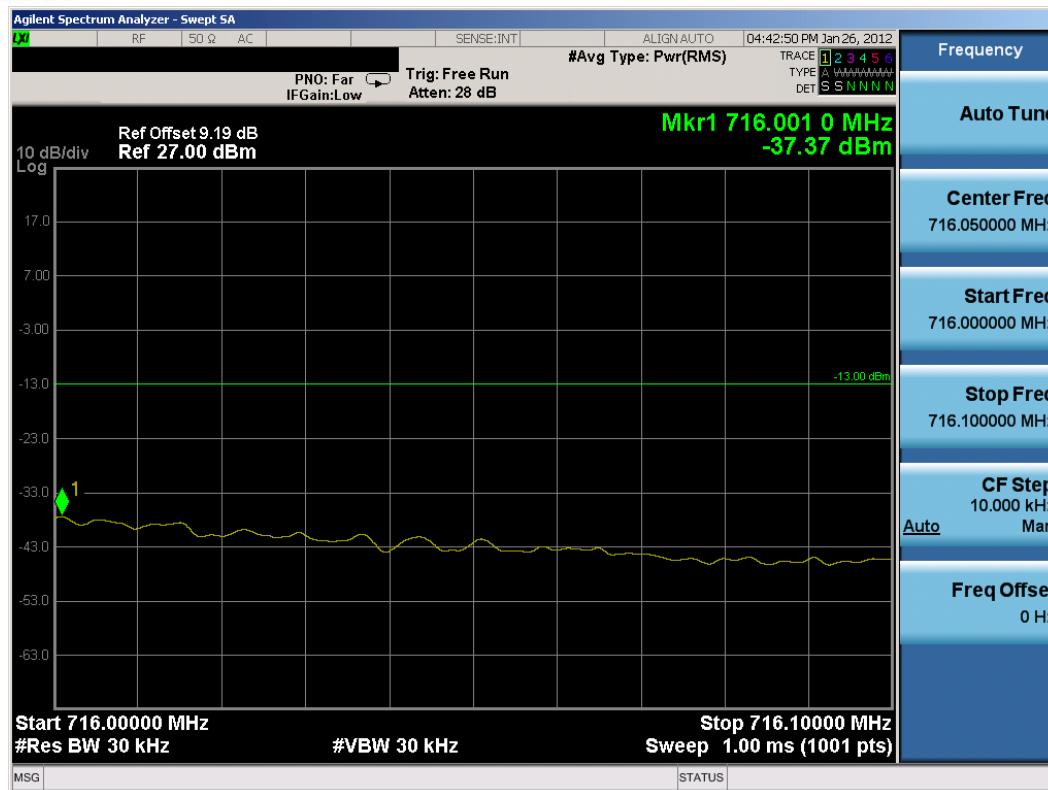


Plot 7-110. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-111. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 92 of 167

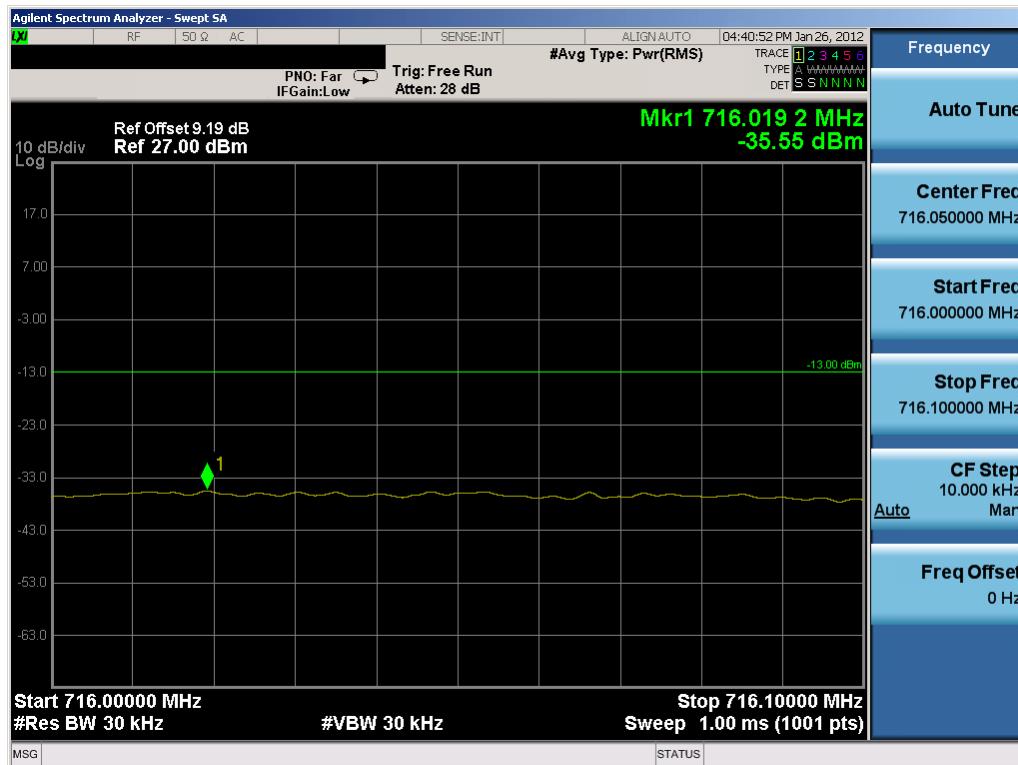


Plot 7-112. Upper Band Edge Plot (QPSK – RB Size 1, Offset 49)

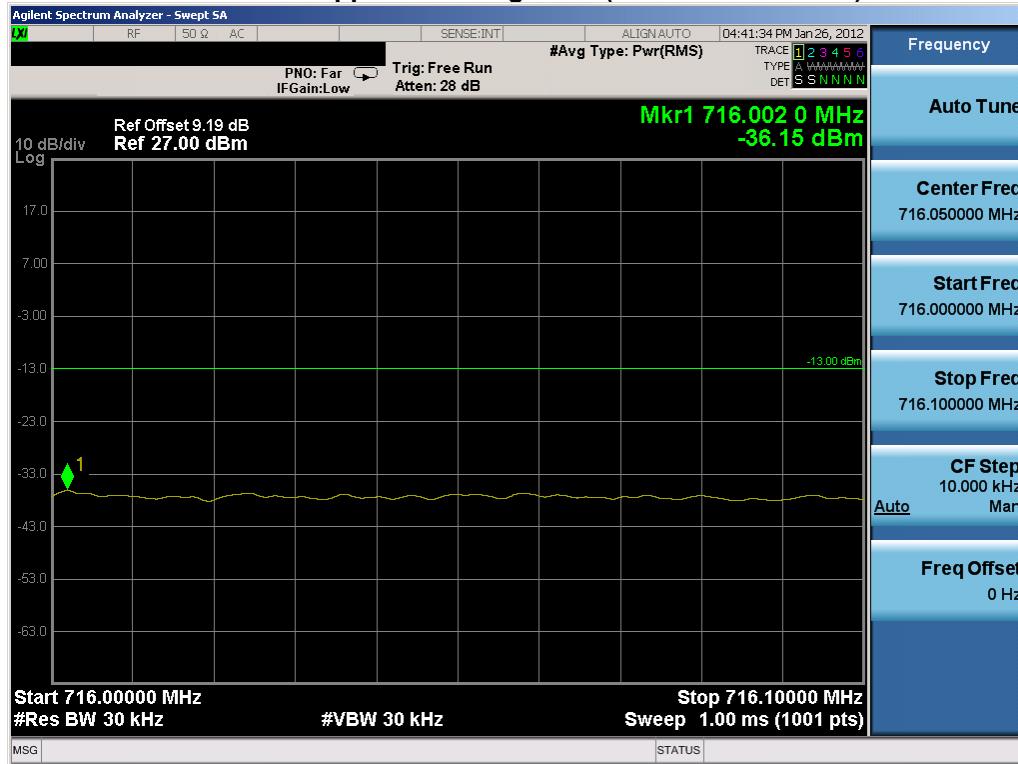


Plot 7-113. Upper Band Edge Plot (16QAM – RB Size 1, Offset 49)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 93 of 167



Plot 7-114. Upper Band Edge Plot (QPSK – RB Size 50)

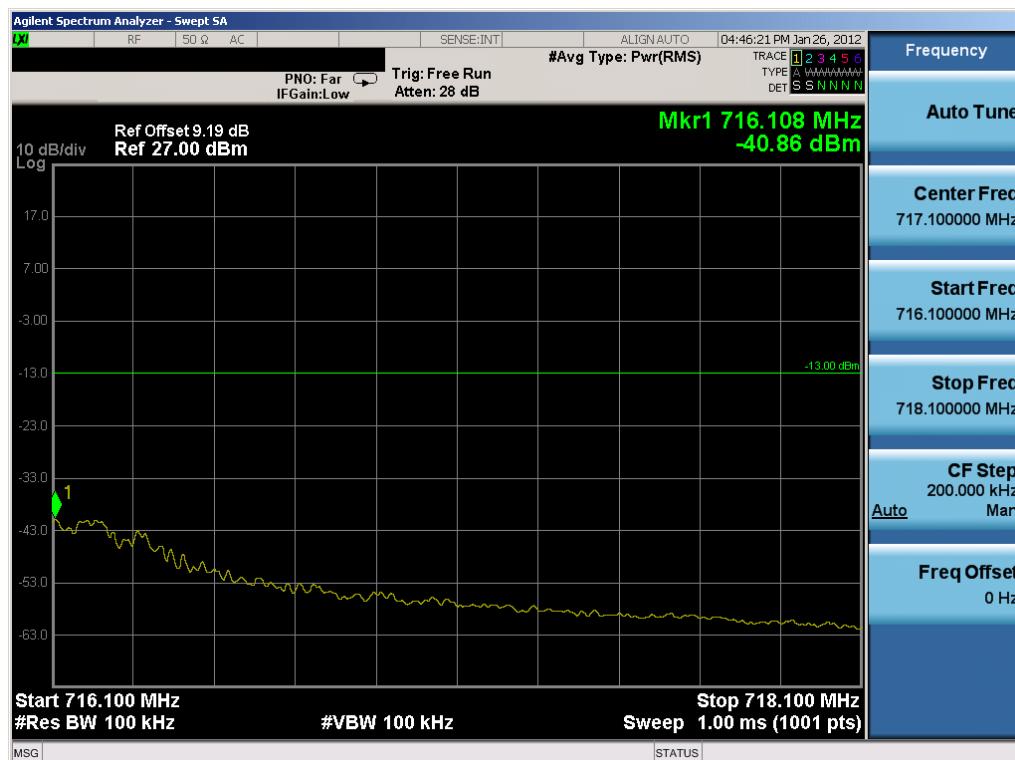


Plot 7-115. Upper Band Edge Plot (16-QAM – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 94 of 167

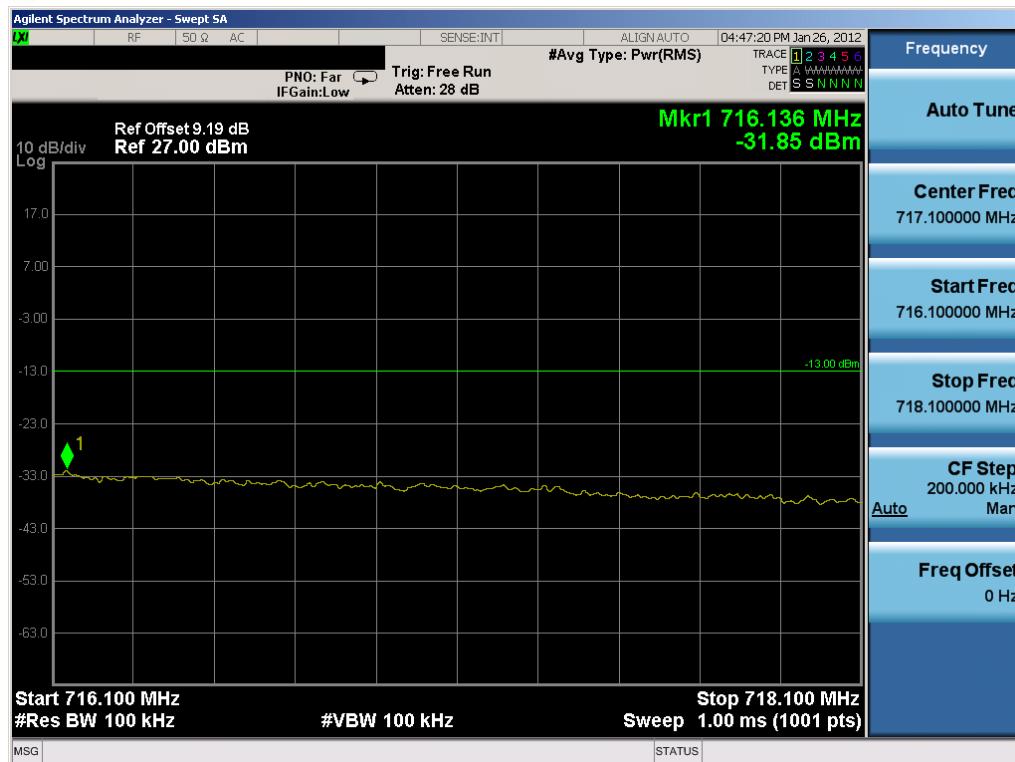


Plot 7-116. Upper Band Edge Plot (QPSK – RB Size 1, Offset 49)



Plot 7-117. Upper Band Edge Plot (16QAM – RB Size 1, Offset 49)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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Plot 7-118. Upper Band Edge Plot (QPSK – RB Size 50)



Plot 7-119. Upper Band Edge Plot (16-QAM – RB Size 50)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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BAND 2 – 1.4 MHZ BW

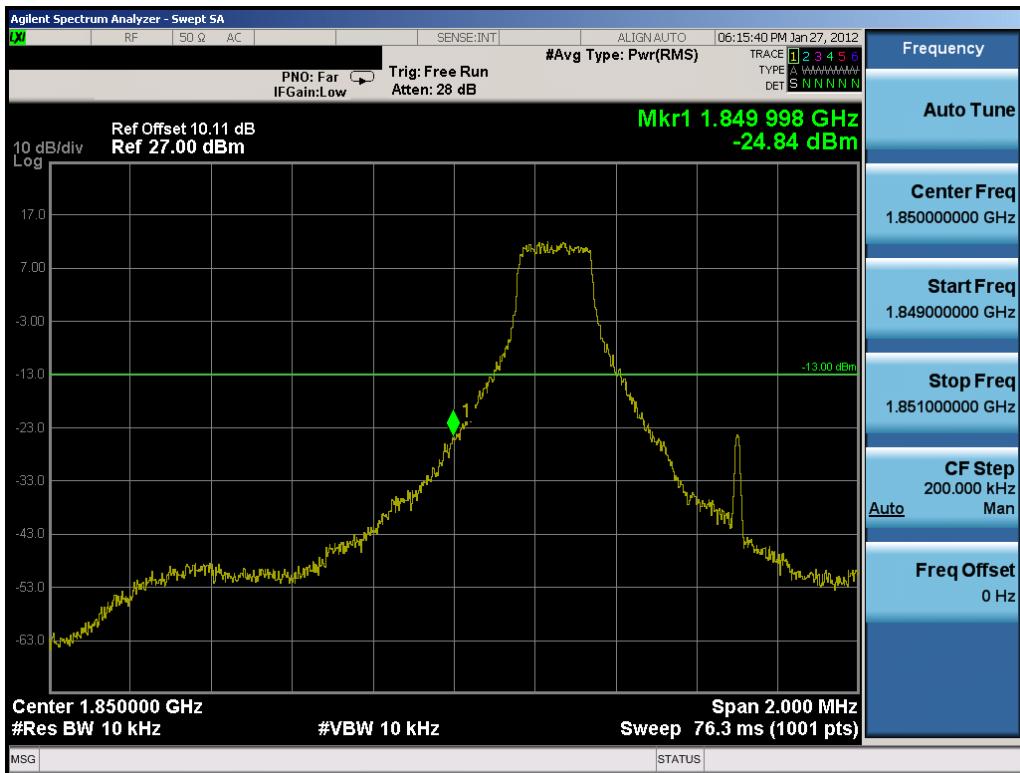
Note: The following plots show worst case emissions for band edge plots with RBW = 10kHz. A minimum of 11kHz or 1% of Mid Occupied Bandwidth for 1.4MHz is necessary for compliance. The table below applies a Bandwidth correction factor of $10 \times \log(11\text{kHz}/10\text{kHz}) = 0.4\text{dBm}$ to worst case emissions observed in the band edge plots. As seen below, the emissions exhibit compliance.

				Power (dbm)				
	BE	BW (MHz)	RB Size/Offset	RBW = 10kHz	BWCF	RBW = 11kHz	Limit	Margin
QPSK	Low	1.4	1 / 0	-24.84	0.4	-24.44	-13	11.44
16QAM	Low	1.4	1 / 0	-26	0.4	-25.6	-13	12.6
QPSK	Low	1.4	6 / 0	-36.98	0.4	-36.58	-13	23.58
16QAM	Low	1.4	6 / 0	-35.89	0.4	-35.49	-13	22.49
QPSK	High	1.4	1 / 5	-29.22	0.4	-28.82	-13	15.82
16QAM	High	1.4	1 / 5	-28.9	0.4	-28.5	-13	15.5
QPSK	High	1.4	6 / 0	-41.49	0.4	-41.09	-13	28.09
16QAM	High	1.4	6 / 0	-40.68	0.4	-40.28	-13	27.28

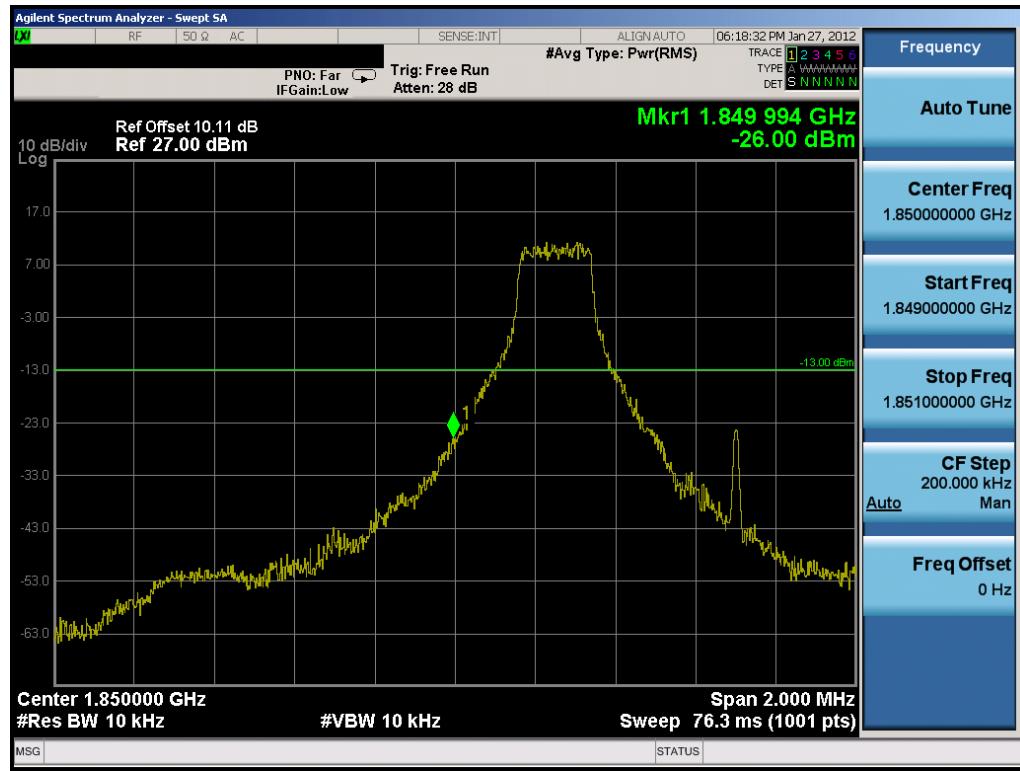
In addition, upper and Lower Band Edge plots more than 1MHz removed from the licensee's frequency block require emissions to be attenuated below the carrier by $43 + 10\log(P)$ where $\text{RBW} \geq 1\text{MHz}$. In the following Band edge plots with RB size = 1, RBW = 100kHz was employed and a BWCF ($10 \times \log(1\text{MHz}/100\text{kHz}) = 10 \text{ dB}$) was applied to the worst case emissions. In the Table below, it was observed that the powers are attenuated below the prescribed limit.

			Power (dbm)				
	BE	BW (MHz)	RBW = 100kHz	BWCF	RBW = 1MHz	Limit	Margin
QPSK	Low	1.4	-41.33	10	-31.33	-13	18.33
16QAM	Low	1.4	-41.25	10	-31.25	-13	18.25
QPSK	High	1.4	-41.78	10	-31.78	-13	18.78
16QAM	High	1.4	-40.18	10	-30.18	-13	17.18

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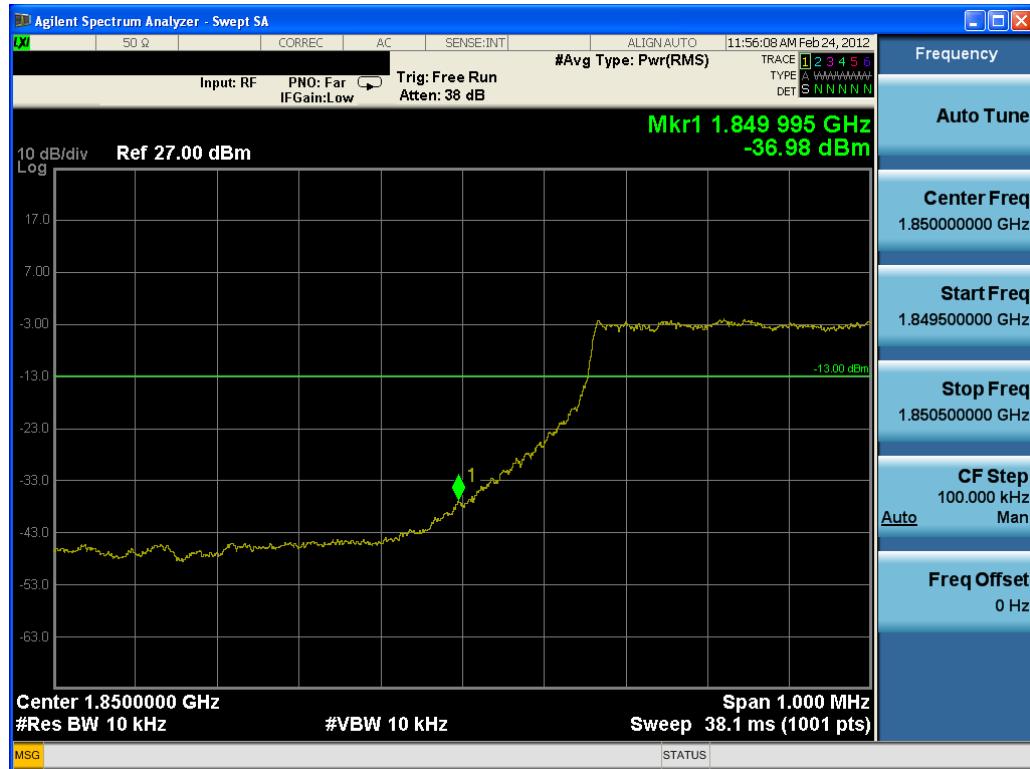


Plot 7-120. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

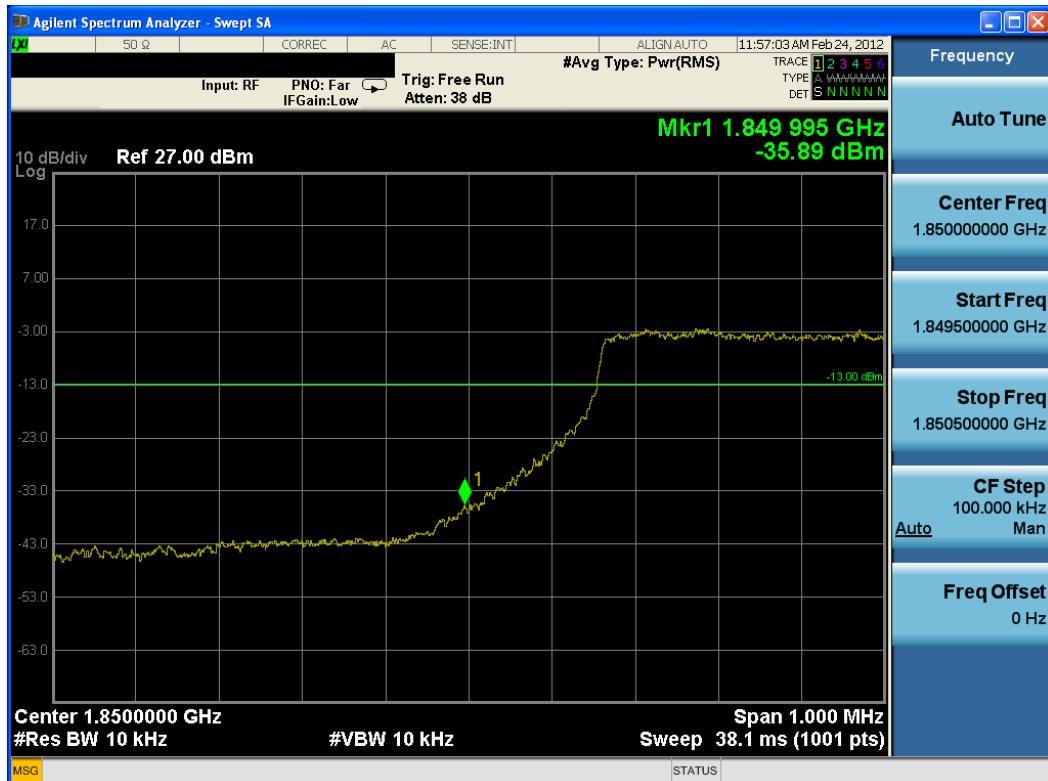


Plot 7-121. Lower Band Edge Plot (16-QAM – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 98 of 167

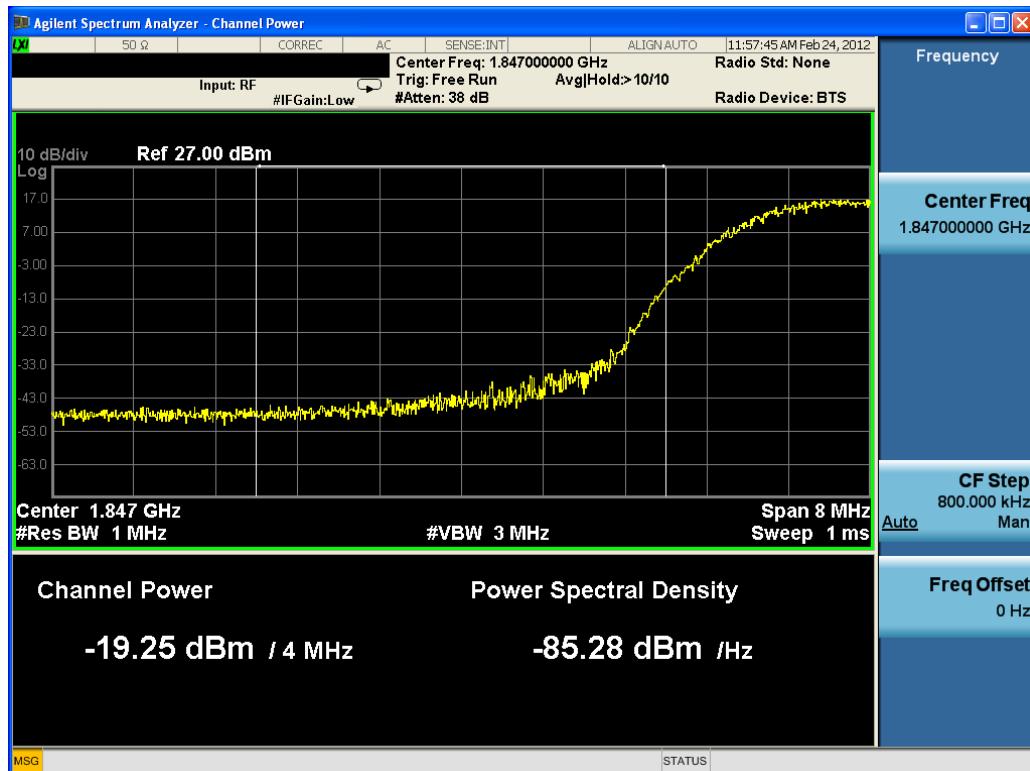


Plot 7-122. Lower Band Edge Plot (QPSK – RB Size 6)

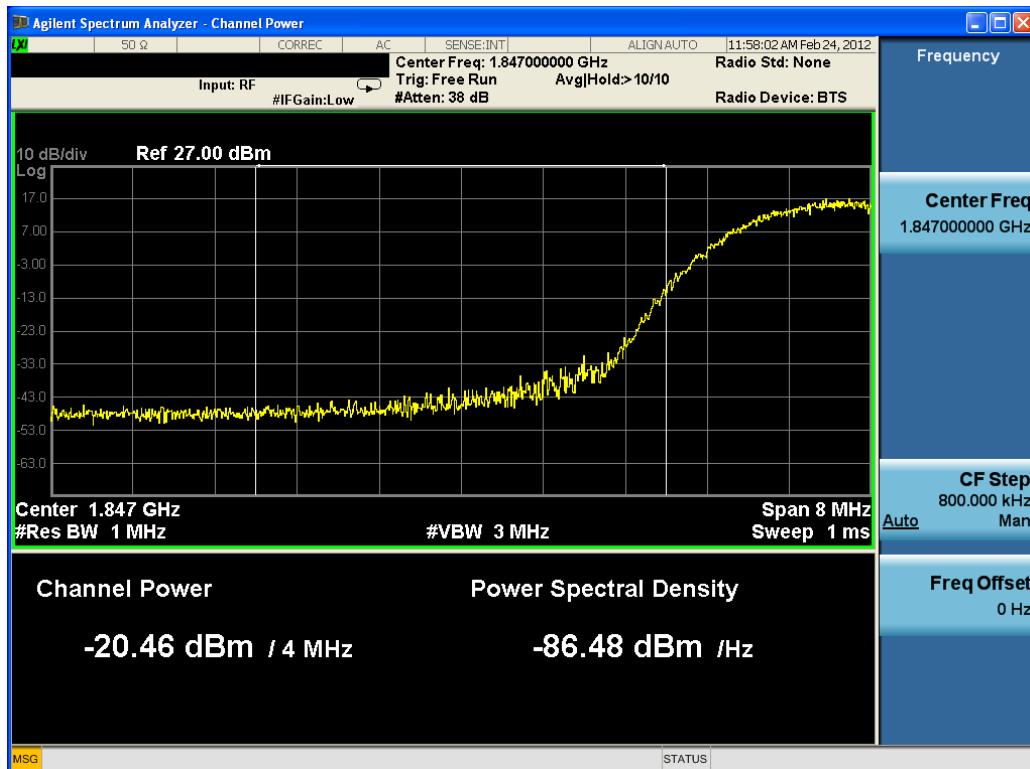


Plot 7-123. Lower Band Edge Plot (16-QAM – RB Size 6)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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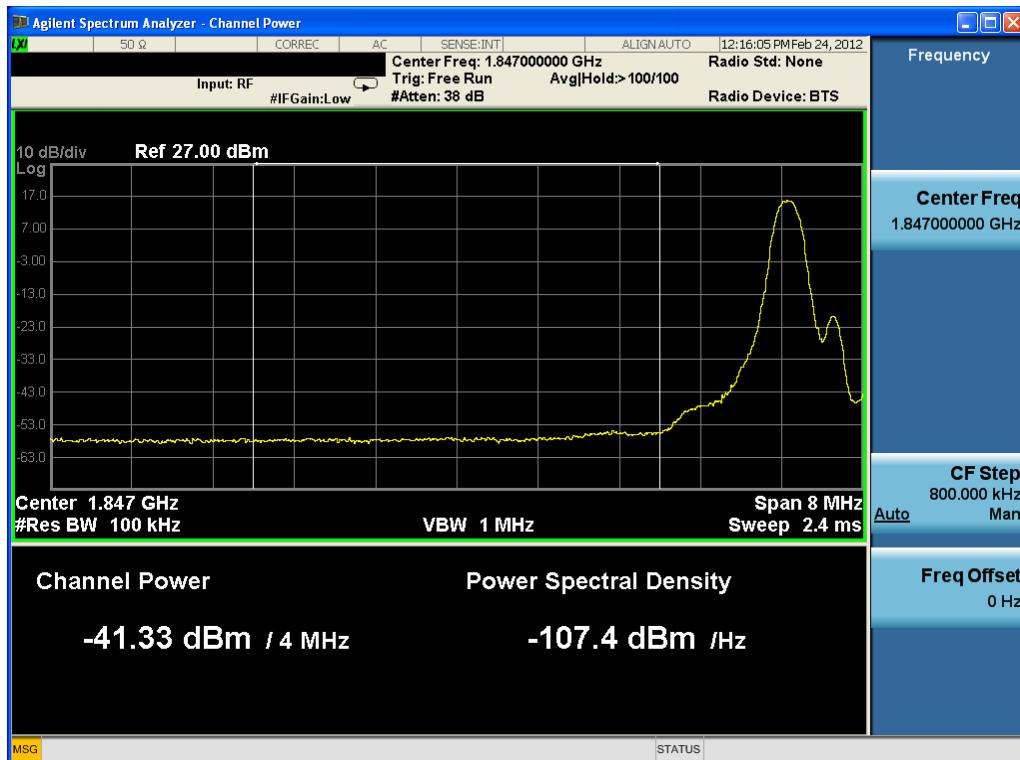


Plot 7-124. Lower Emission Mask (1845 – 1849MHz) Plot (QPSK – RB Size 6)

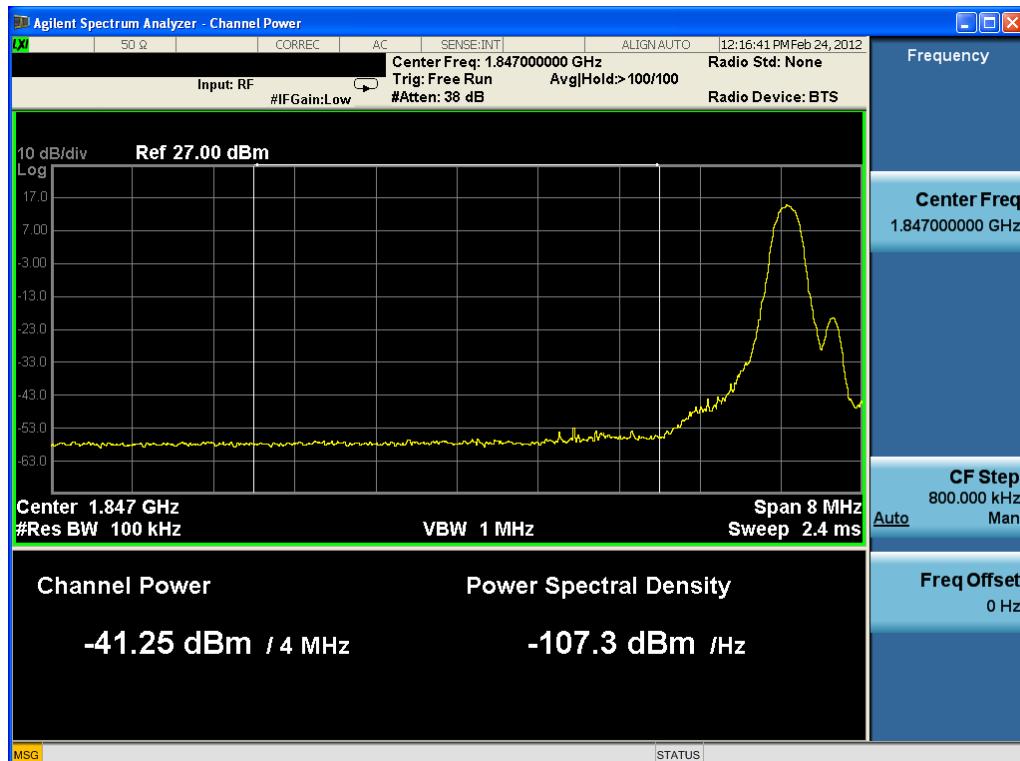


Plot 7-125. Lower Emission Mask (1845 – 1849MHz) Plot (16-QAM – RB Size 6)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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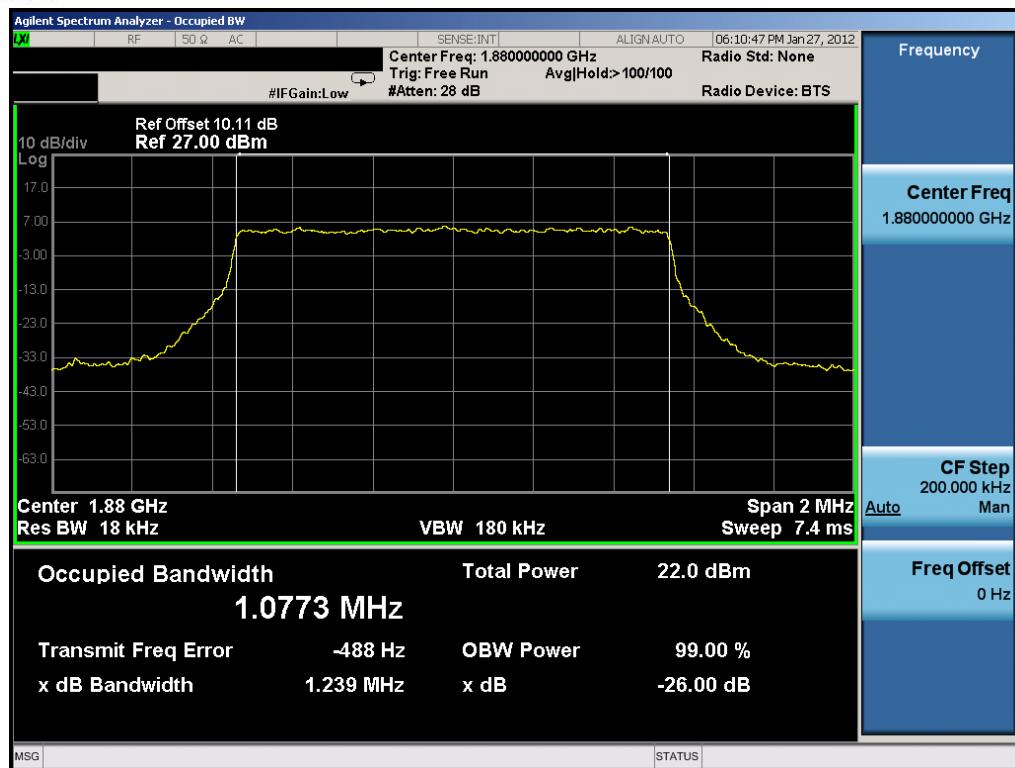


Plot 7-126. Lower Emission Mask (1845 – 1849MHz) Plot (QPSK – RB Size 1, Offset 5)

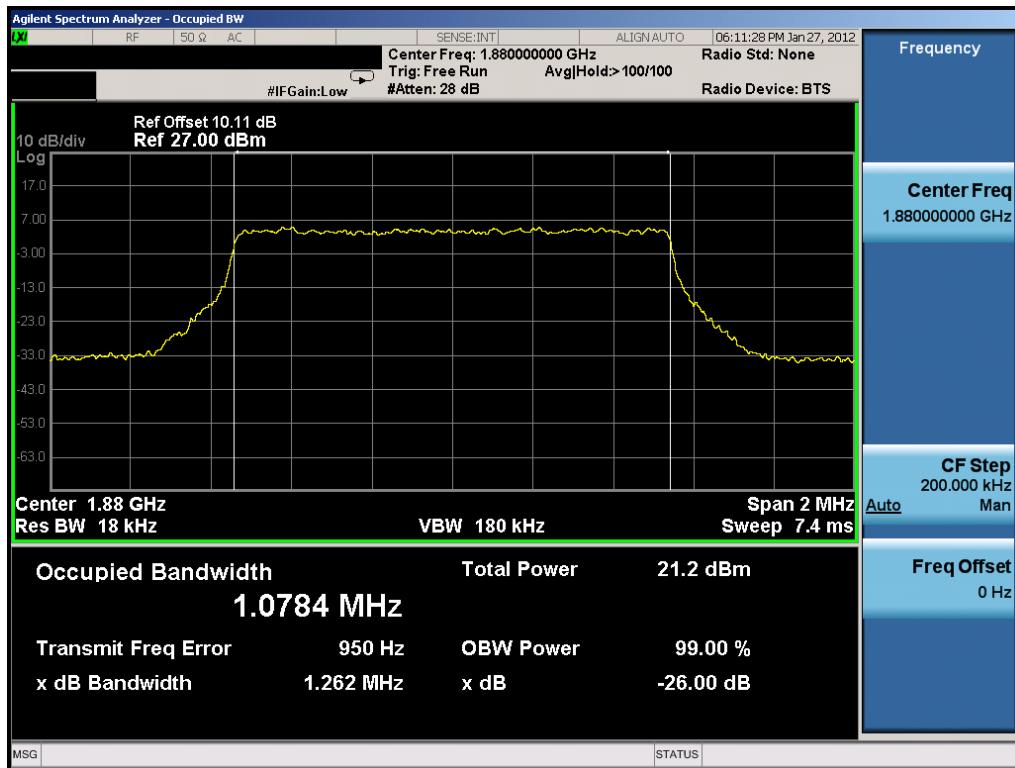


Plot 7-127. Lower Emission Mask (1845 – 1849MHz) Plot (16-QAM – RB Size 1, Offset 5)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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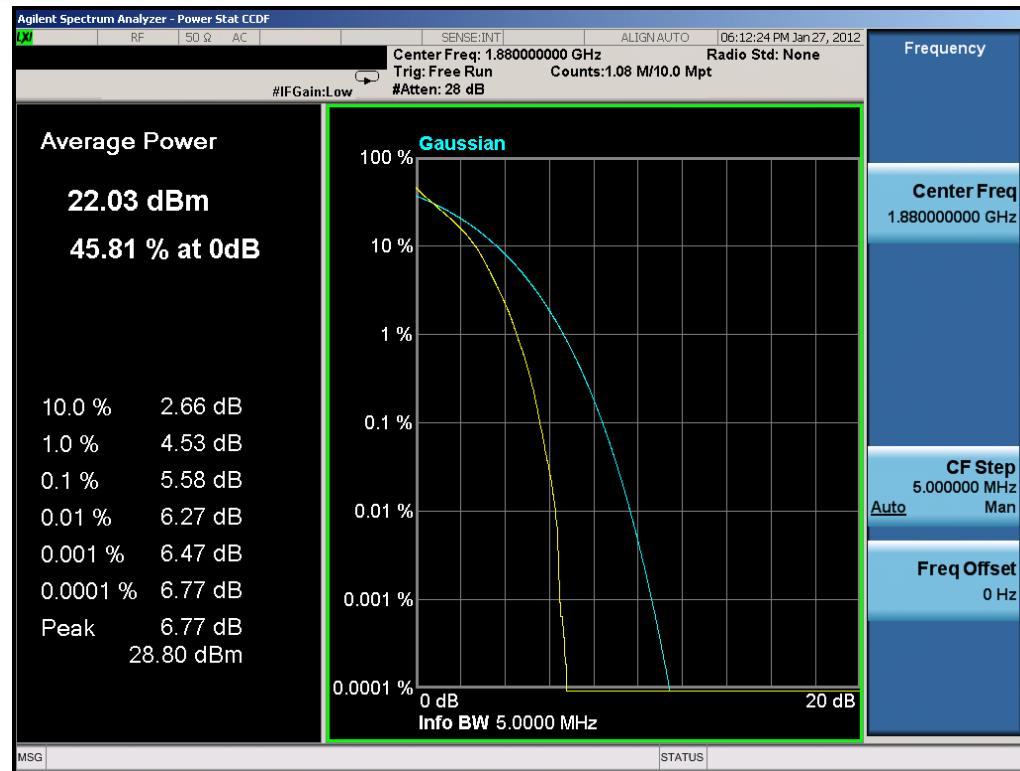


Plot 7-128. Occupied Bandwidth Plot (QPSK – RB Size 6)

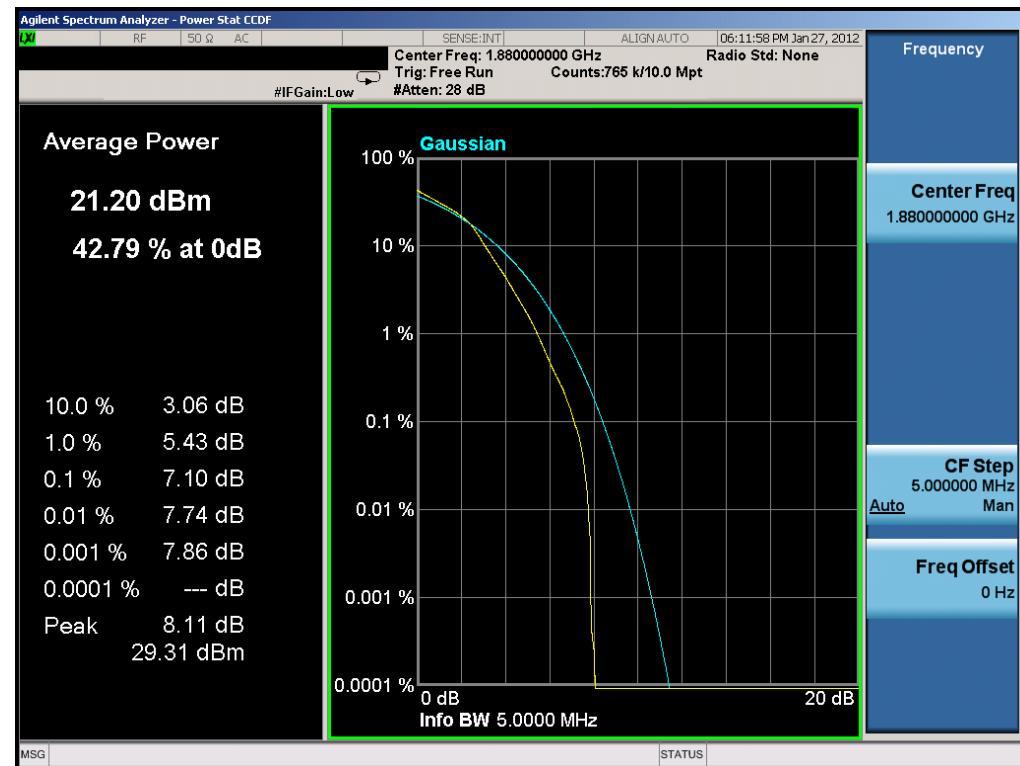


Plot 7-129. Occupied Bandwidth Plot (16-QAM – RB Size 6)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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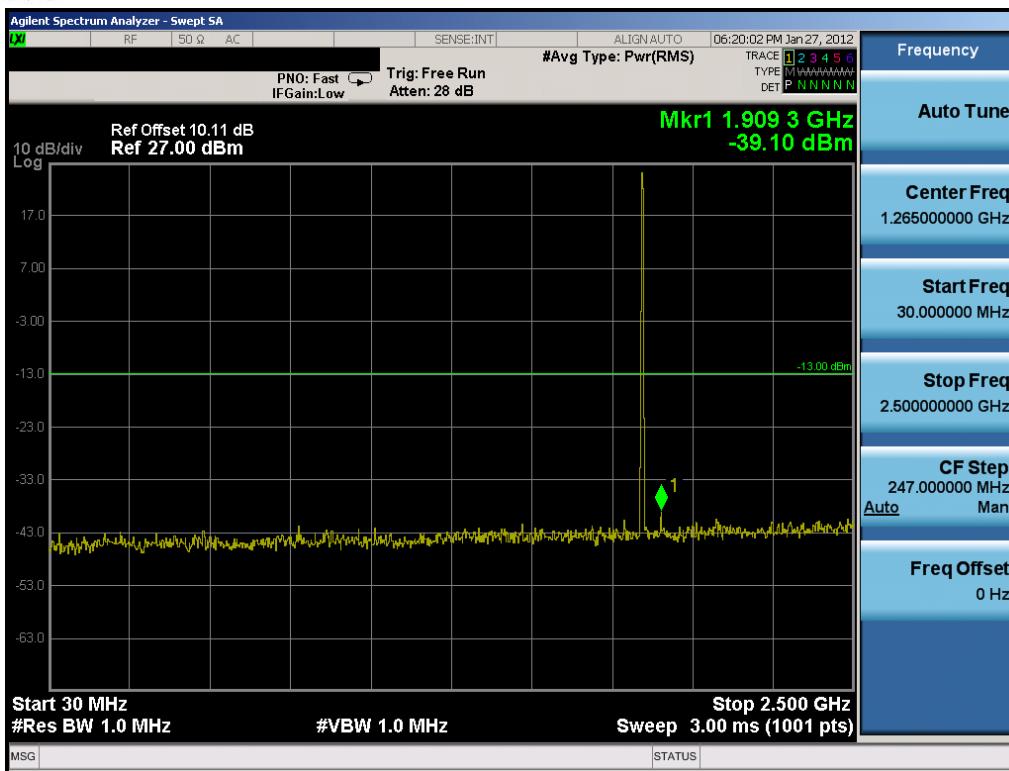


Plot 7-130. Peak to Average Ratio Plot (QPSK - RB Size 6)

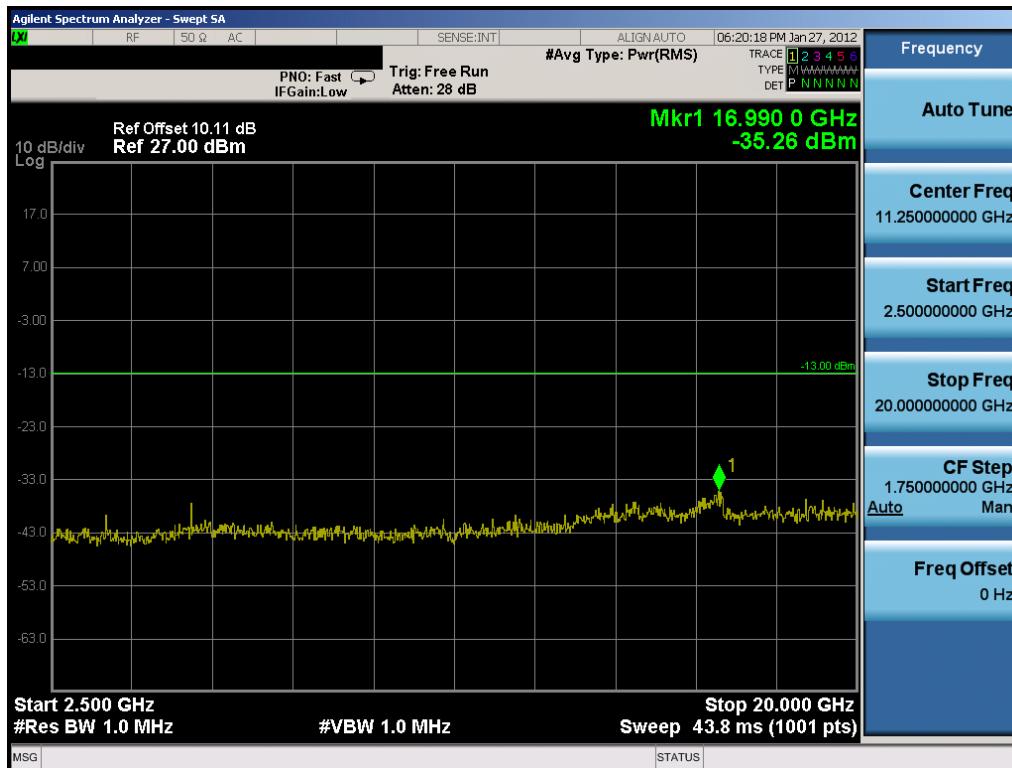


Plot 7-131. Peak to Average Ratio Plot (16QAM - RB Size 6)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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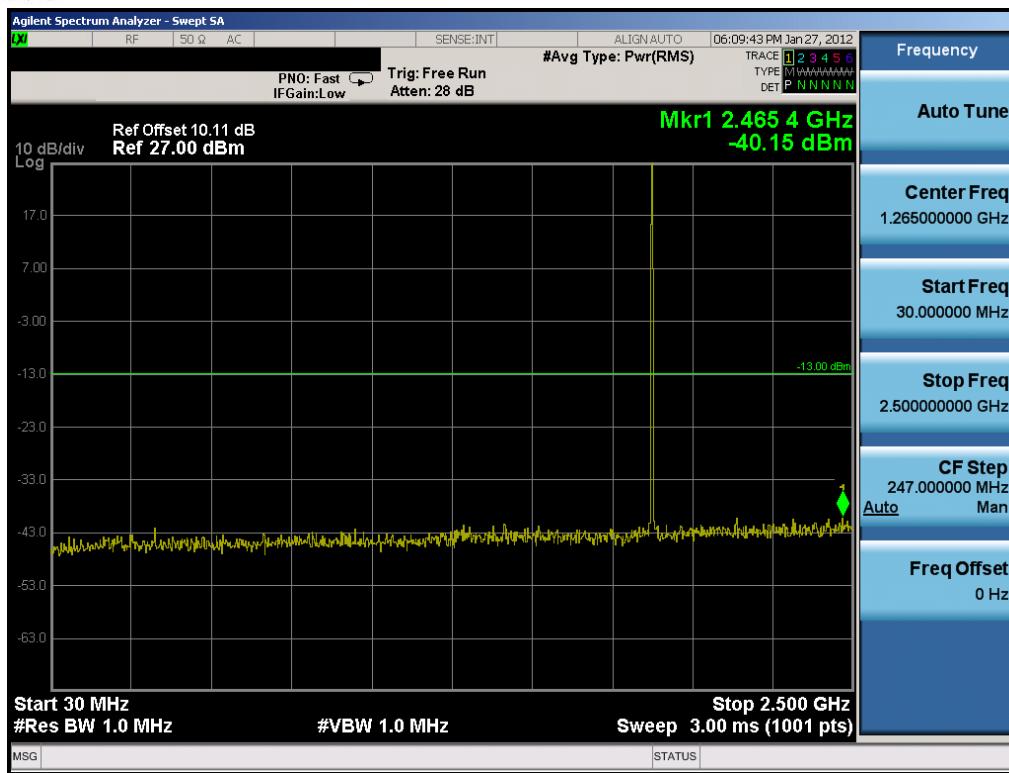


Plot 7-132. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – Low Channel)

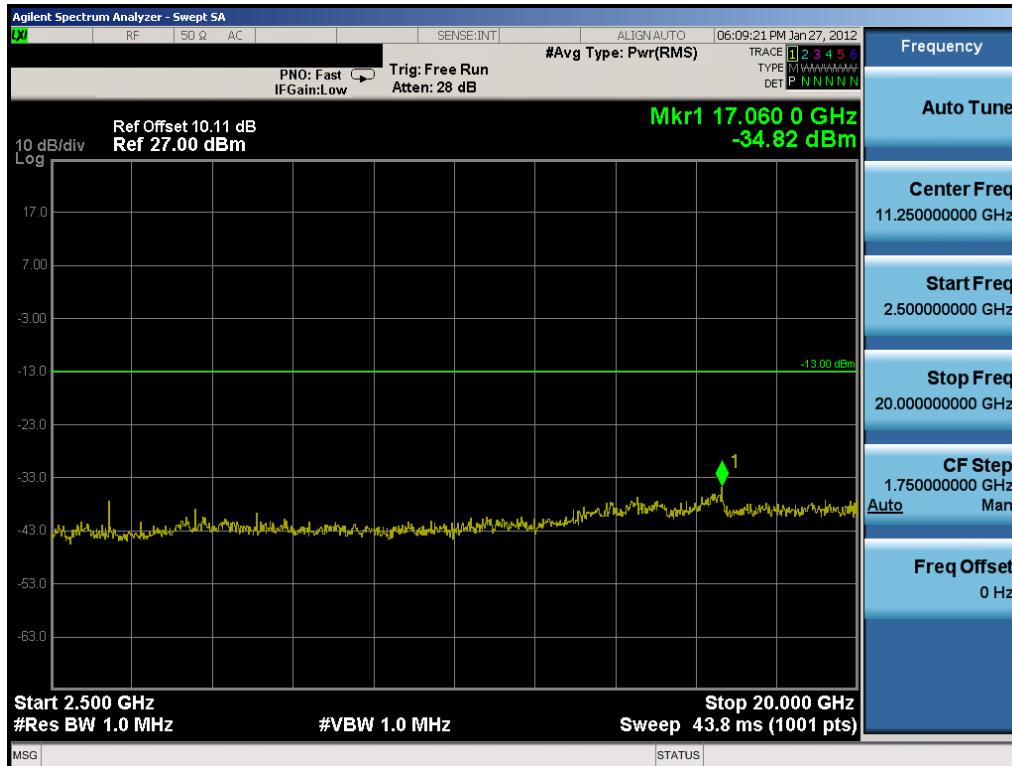


Plot 7-133. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – Low Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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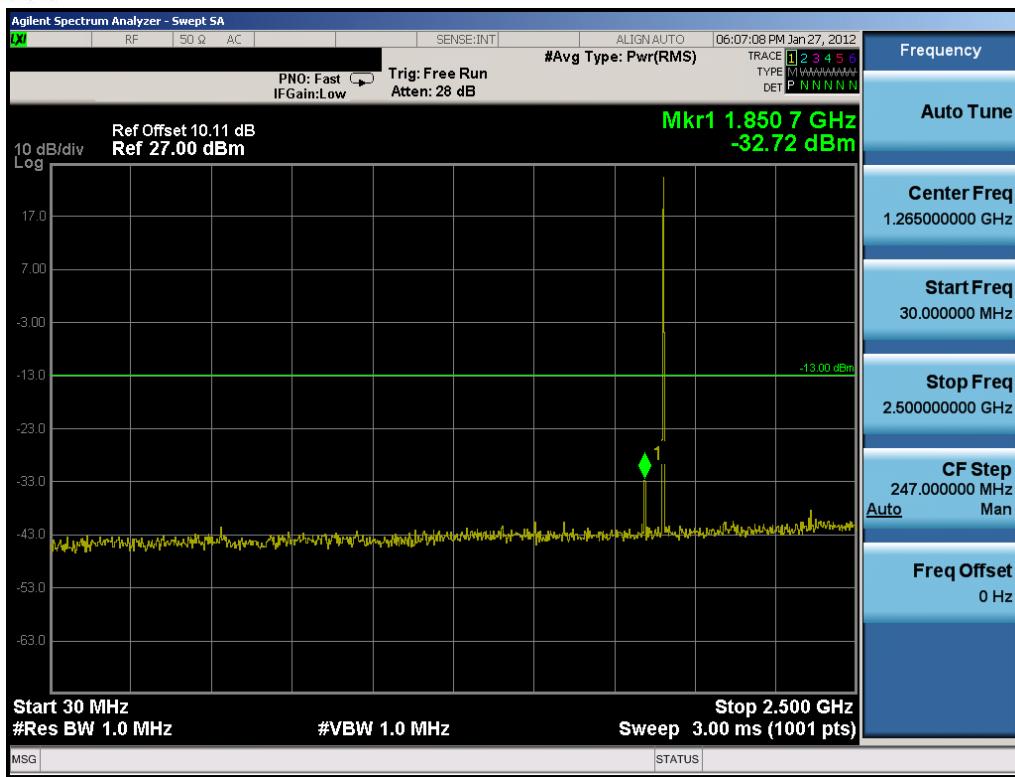


Plot 7-134. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – Mid Channel)

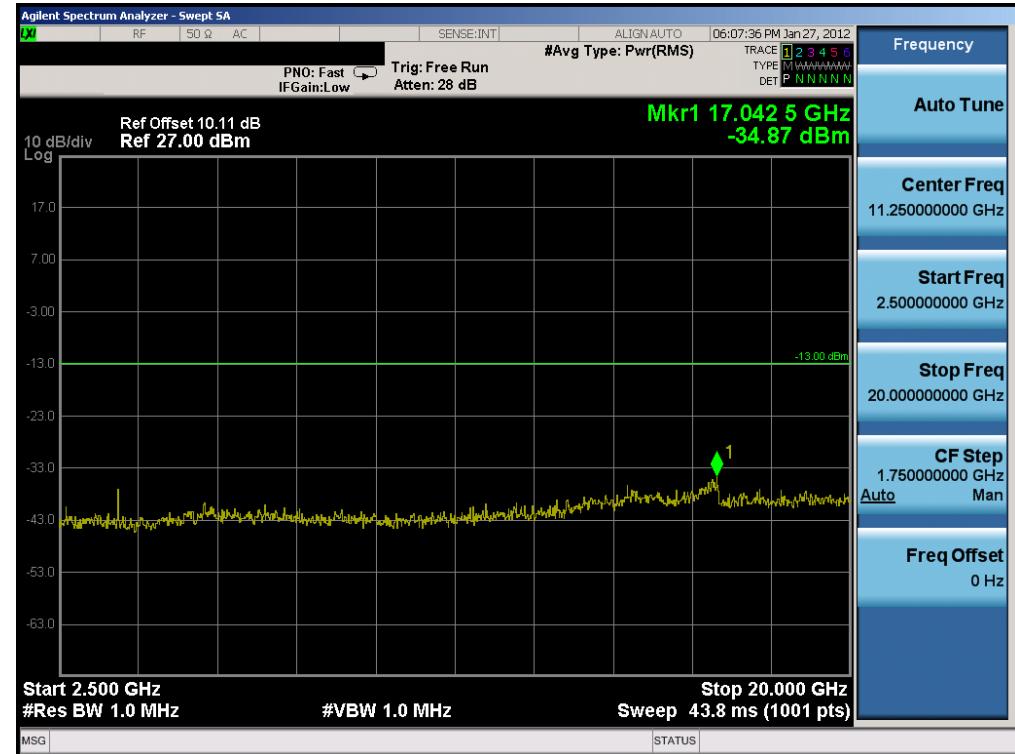


Plot 7-135. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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Plot 7-136. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – High Channel)

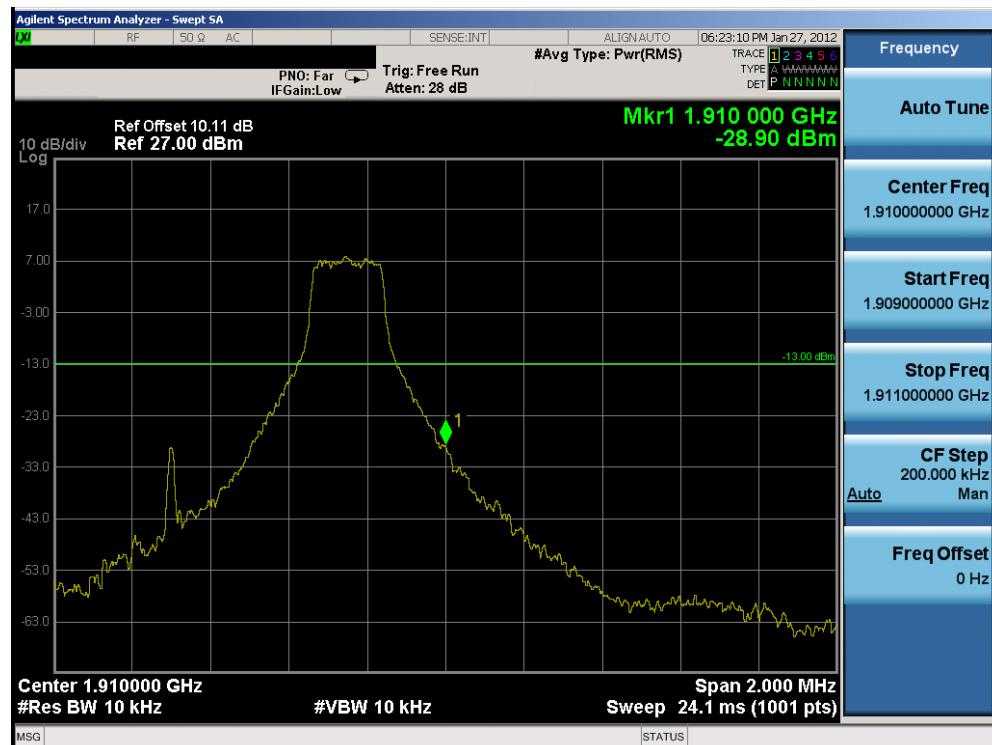


Plot 7-137. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 5 – High Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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Plot 7-138. Upper Band Edge Plot (QPSK – RB Size 1, Offset 5)



Plot 7-139. Upper Band Edge Plot (16-QAM – RB Size 1, Offset 5)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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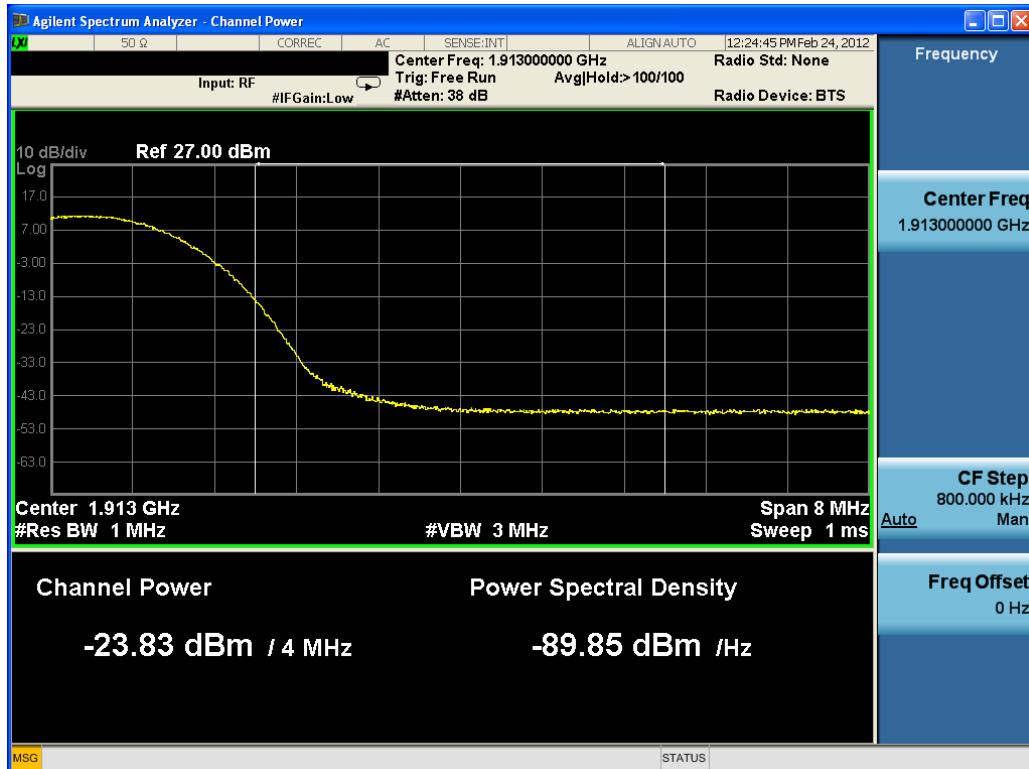


Plot 7-140. Upper Band Edge Plot (QPSK – RB Size 6)

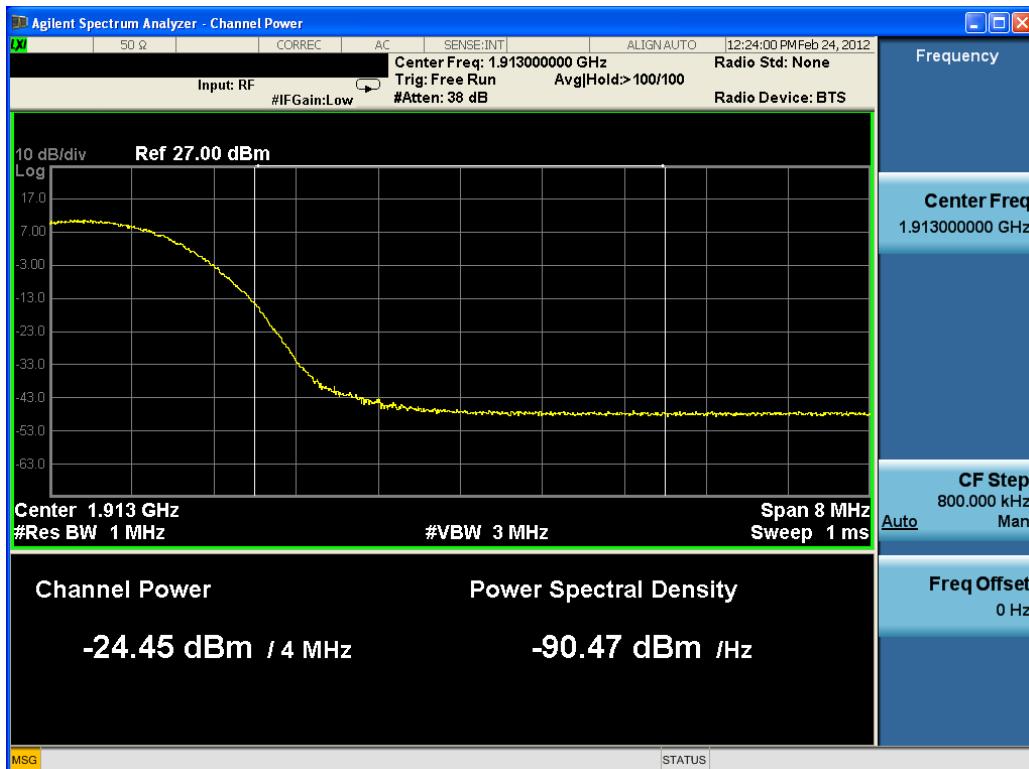


Plot 7-141. Upper Band Edge Plot (16-QAM – RB Size 6)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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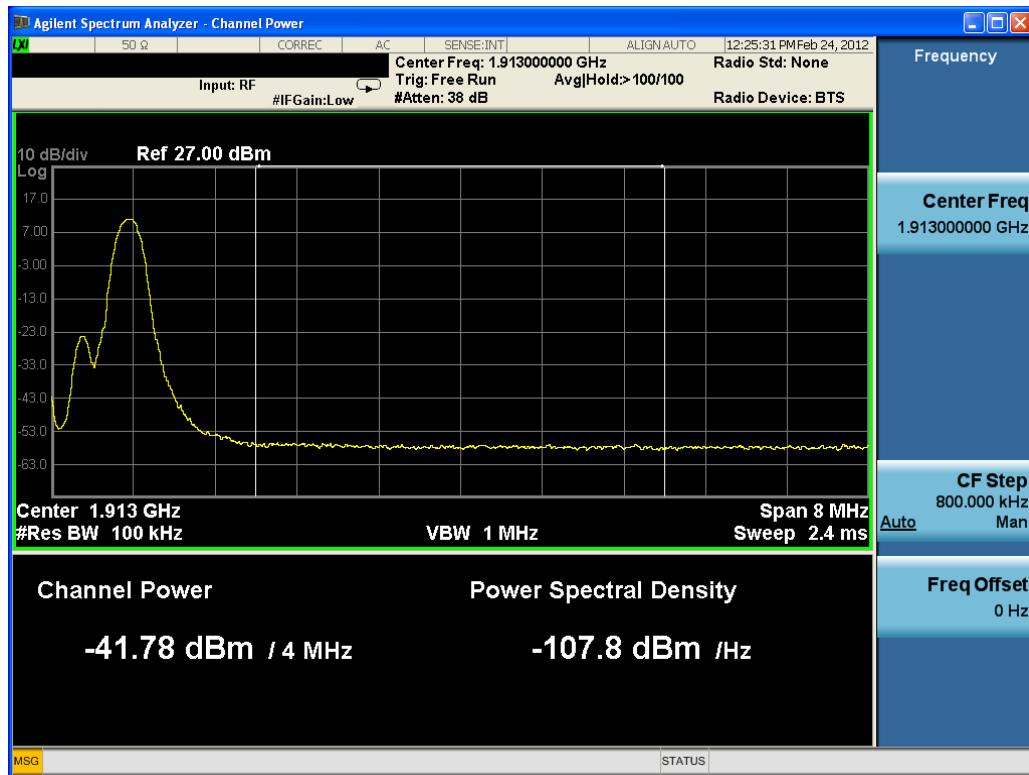


Plot 7-142. Upper Emission Mask (1911 – 1915MHz) Plot (QPSK – RB Size 6)

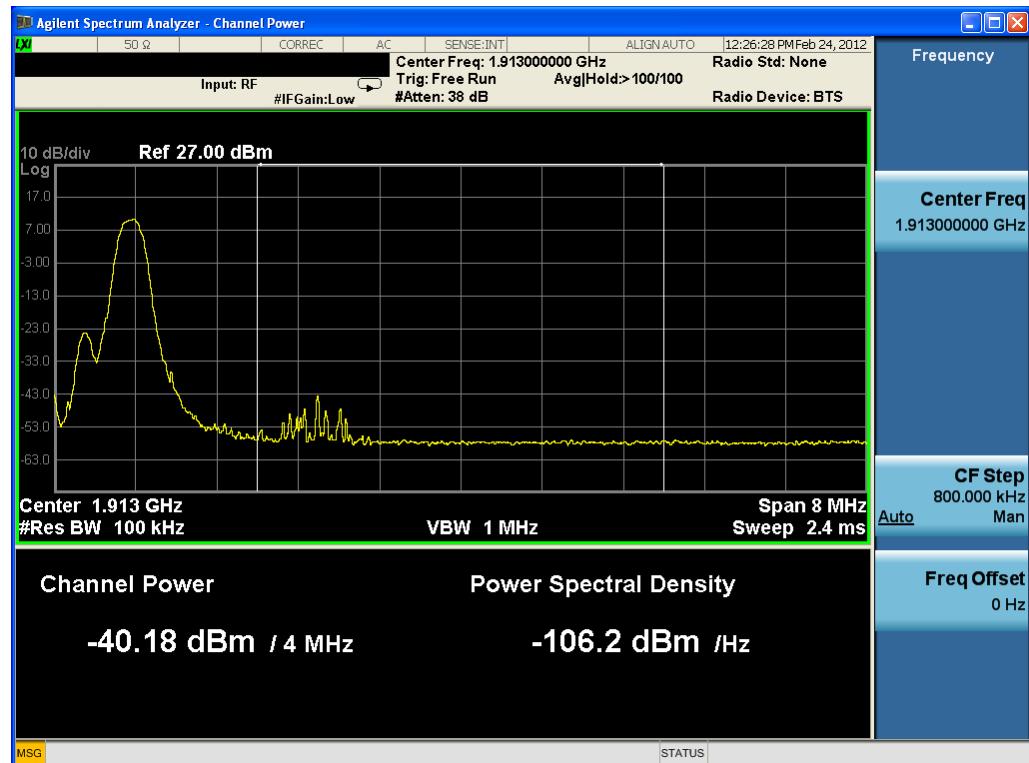


Plot 7-143. Upper Emission Mask (1911 – 1915MHz) Plot (16-QAM – RB Size 6)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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Plot 7-144. Upper Emission Mask (1911 – 1915MHz) Plot (QPSK – RB Size 1, Offset 5)



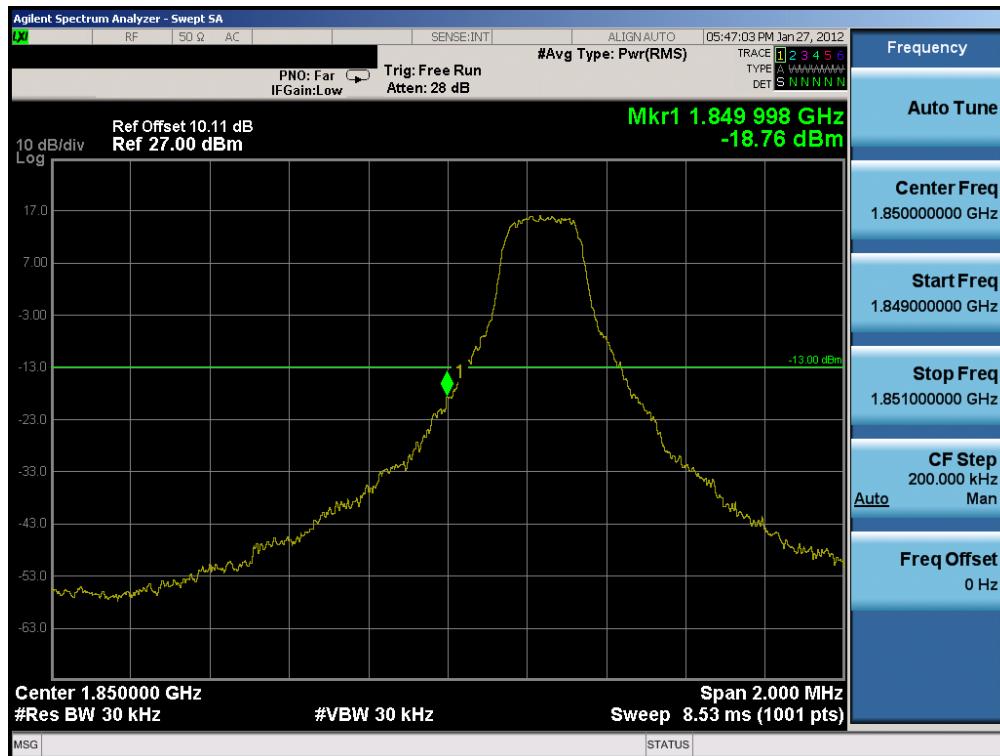
Plot 7-145. Upper Emission Mask (1911 – 1915MHz) Plot (16-QAM – RB Size 1, Offset 5)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
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BAND 2 – 3 MHZ BW

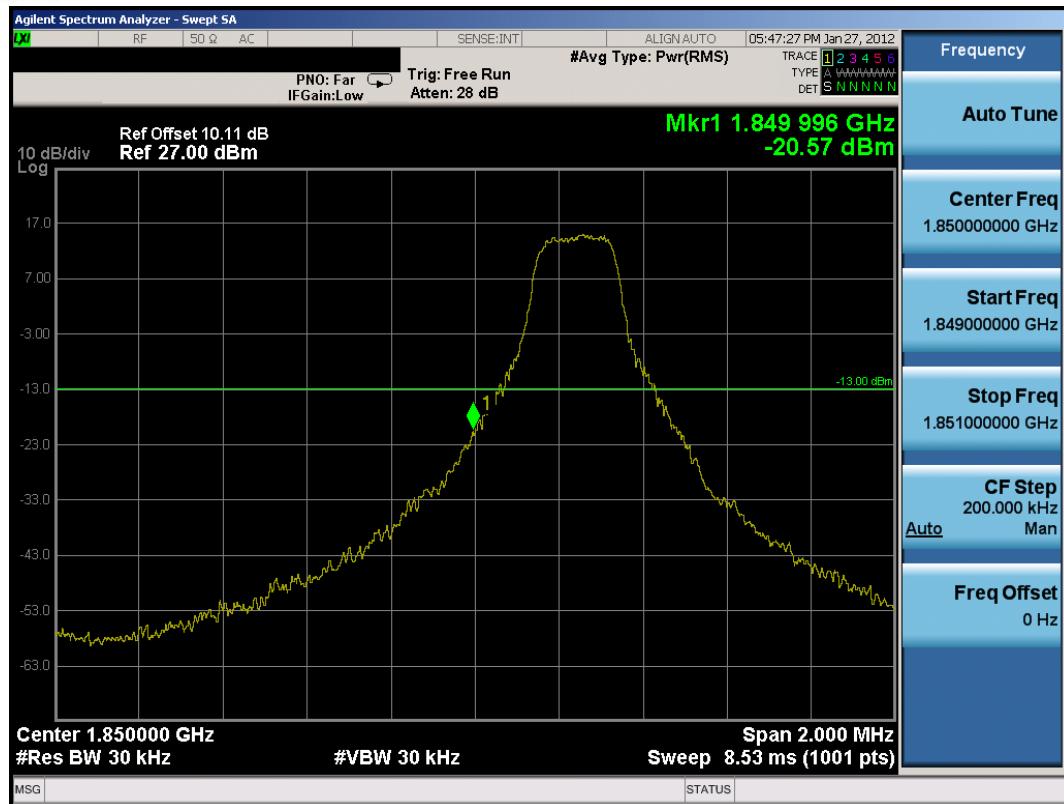
Note: Upper and Lower Band Edge plots more than 1MHz removed from the licensee's frequency block require emissions to be attenuated below the carrier by $43+10\log(P)$ where $RBW \geq 1\text{MHz}$. In the following Band edge plots with RB size = 1, RBW = 100kHz was employed and a BWCF ($10^{\log(1\text{MHz}/100\text{kHz})} = 10 \text{ dB}$) was applied to the worst case emissions. In the Table below, it was observed that the powers are attenuated below the prescribed limit.

			Power (dbm)				
	BE	BW (MHz)	RBW = 100kHz	BWCF	RBW = 1MHz	Limit	Margin
QPSK	Low	3	-40.35	10	-30.35	-13	17.35
16QAM	Low	3	-40.7	10	-30.7	-13	17.7
QPSK	High	3	-41.5	10	-31.5	-13	18.5
16QAM	High	3	-41.58	10	-31.58	-13	18.58

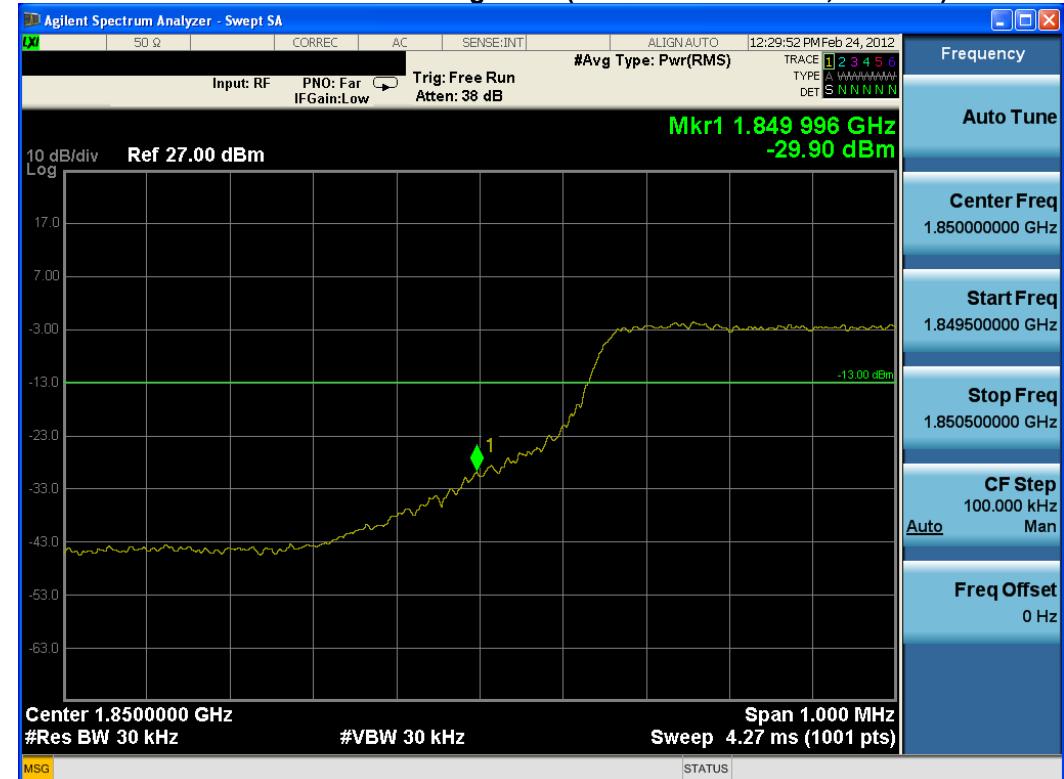


Plot 7-146. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 111 of 167

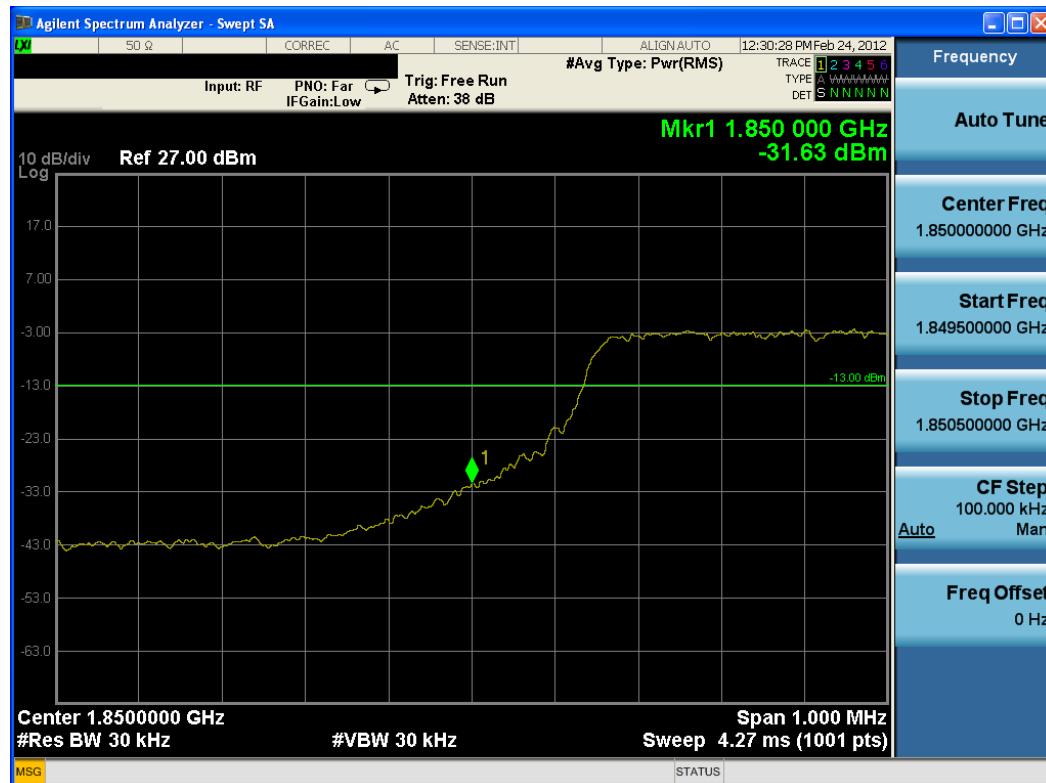


Plot 7-147. Lower Band Edge Plot (16-QAM – RB Size 1, Offset 0)



Plot 7-148. Lower Band Edge Plot (QPSK – RB Size 15)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 112 of 167



Plot 7-149. Lower Band Edge Plot (16-QAM – RB Size 15)

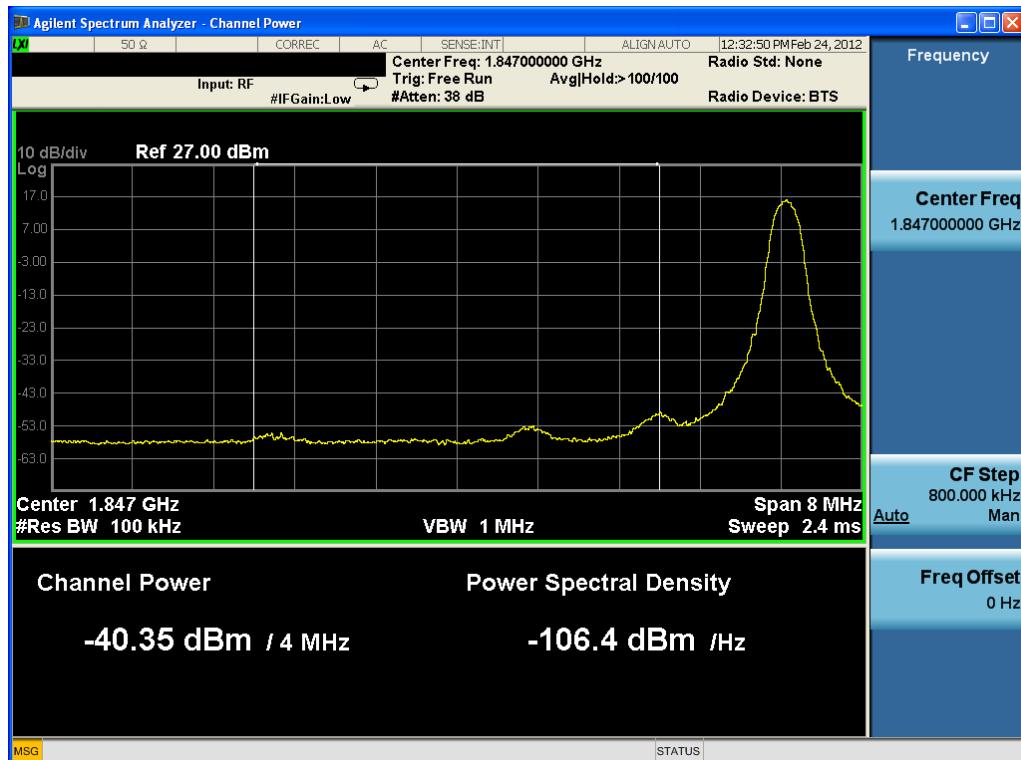


Plot 7-150. Lower Emission Mask (1845-1849 MHz) Plot (QPSK – RB Size 15)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router	Page 113 of 167

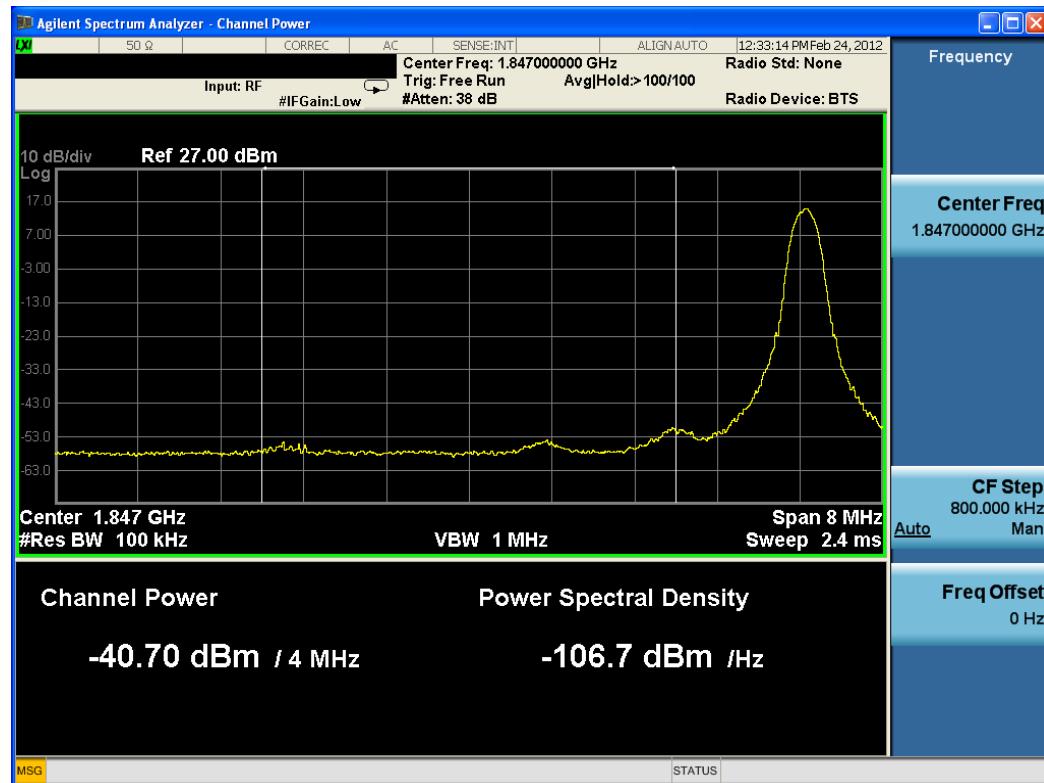


Plot 7-151. Lower Emission Mask (1845-1849 MHz) Plot (16-QAM – RB Size 15)

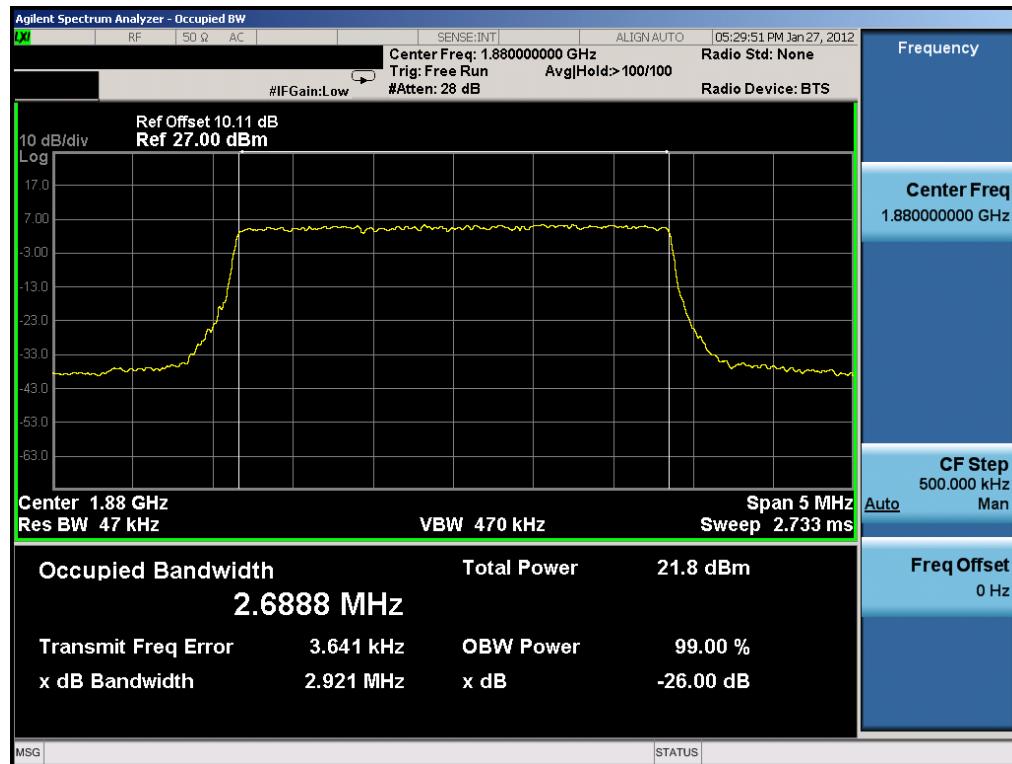


Plot 7-152. Lower Emission Mask (1845-1849 MHz) Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 114 of 167



Plot 7-153. Lower Emission Mask (1845-1849 MHz) Plot (16-QAM – RB Size 1, Offset 0)

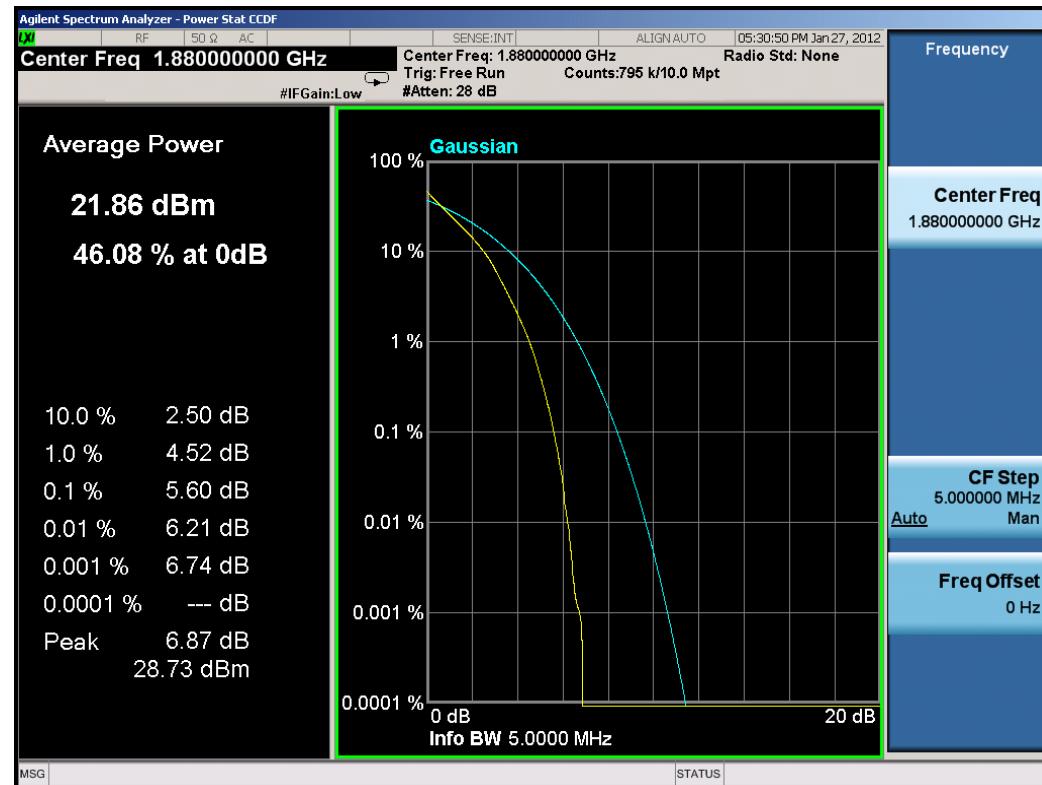


Plot 7-154. Occupied Bandwidth Plot (QPSK – RB Size 15)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router			Page 115 of 167

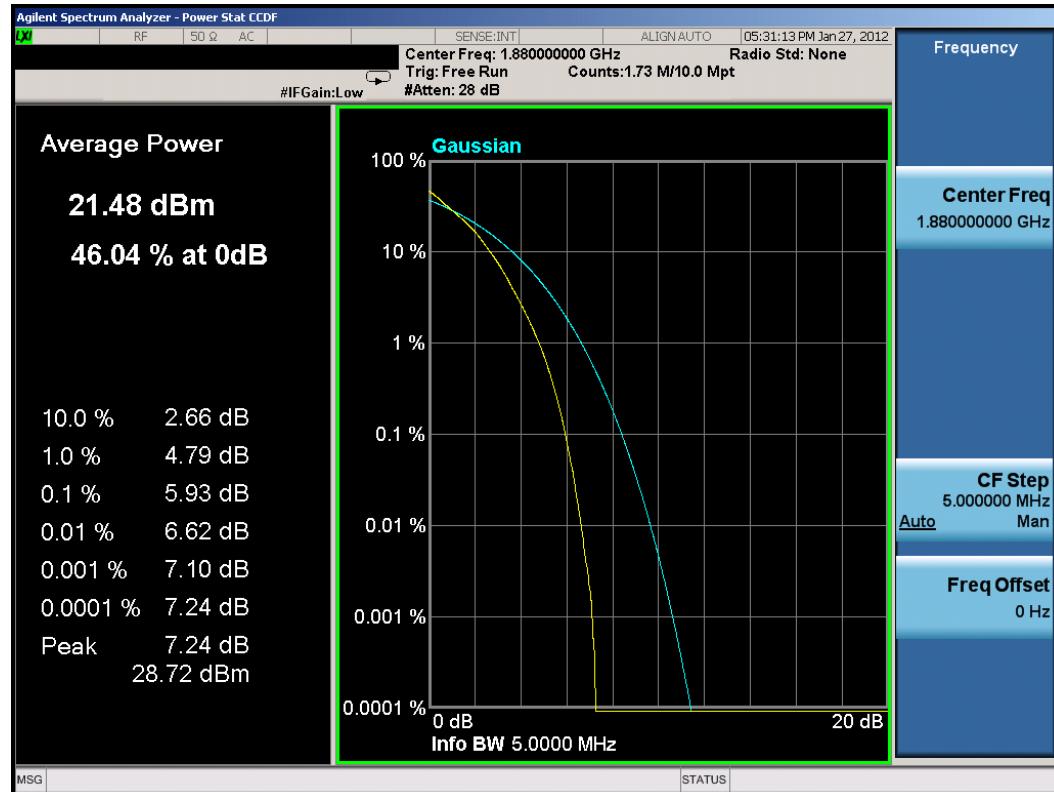


Plot 7-155. Occupied Bandwidth Plot (16-QAM – RB Size 15)

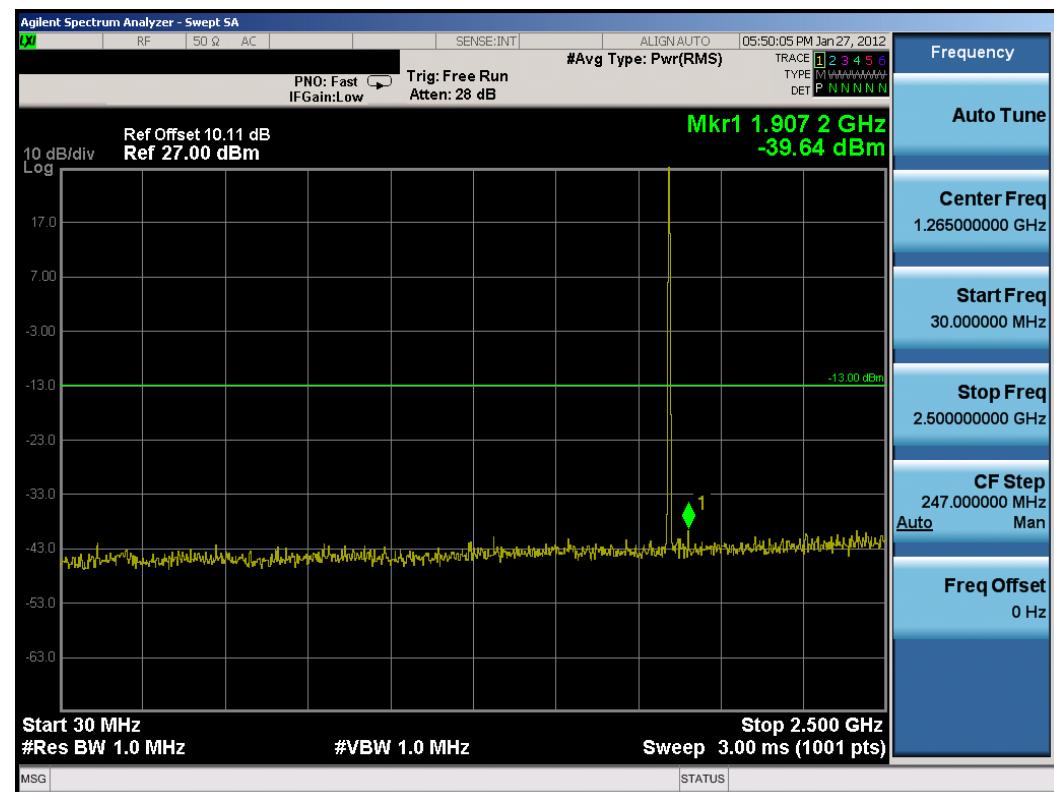


Plot 7-156. Peak to Average Ratio Plot (QPSK - RB Size 15)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 116 of 167

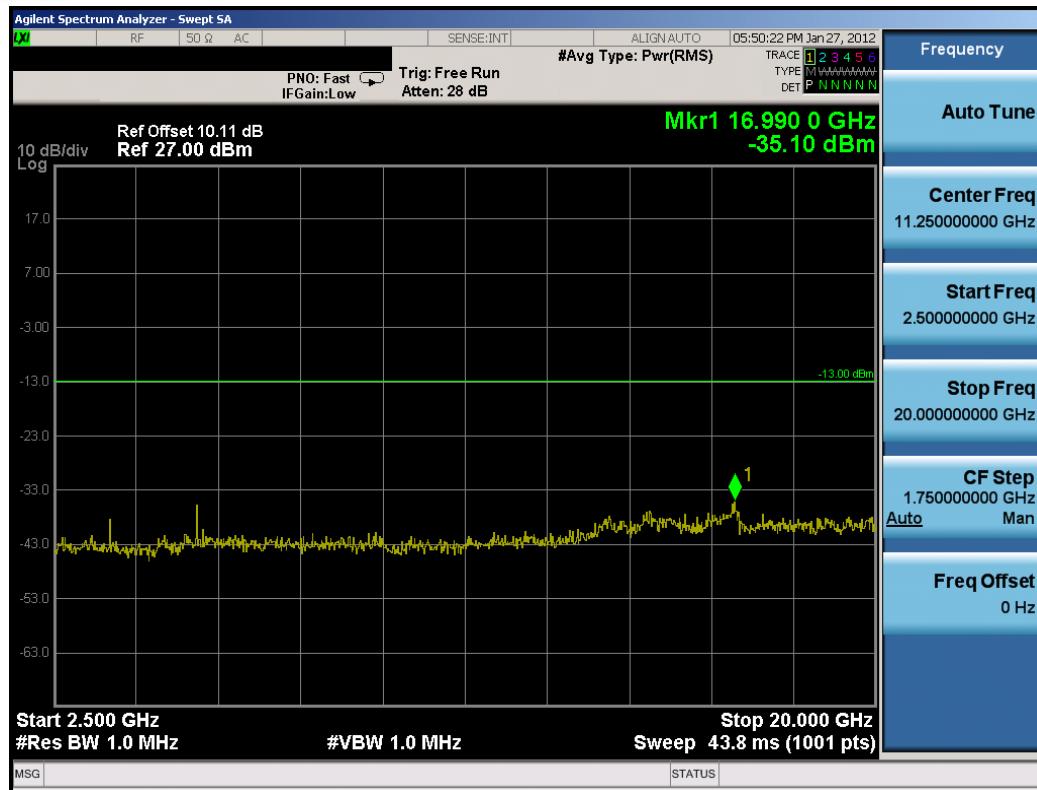


Plot 7-157. Peak to Average Ratio Plot (16QAM - RB Size 15)

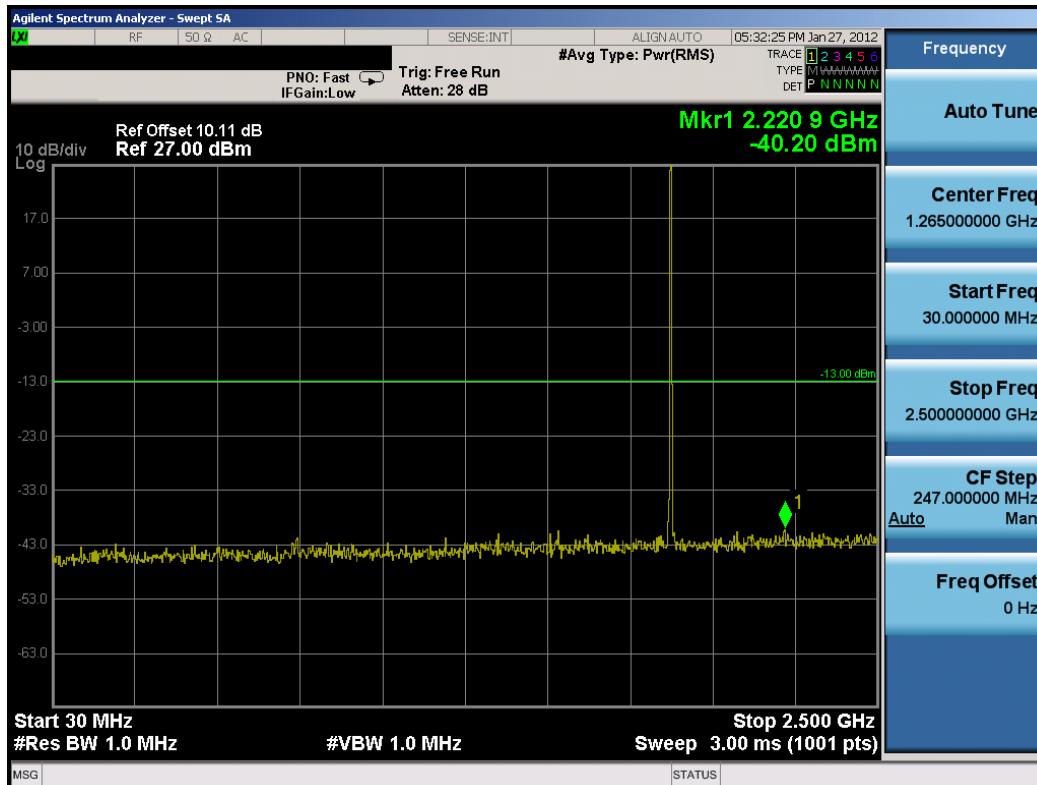


Plot 7-158. Conducted Spurious Plot (QPSK - RB Size 1, RB Offset 0 - Low Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router	Page 117 of 167

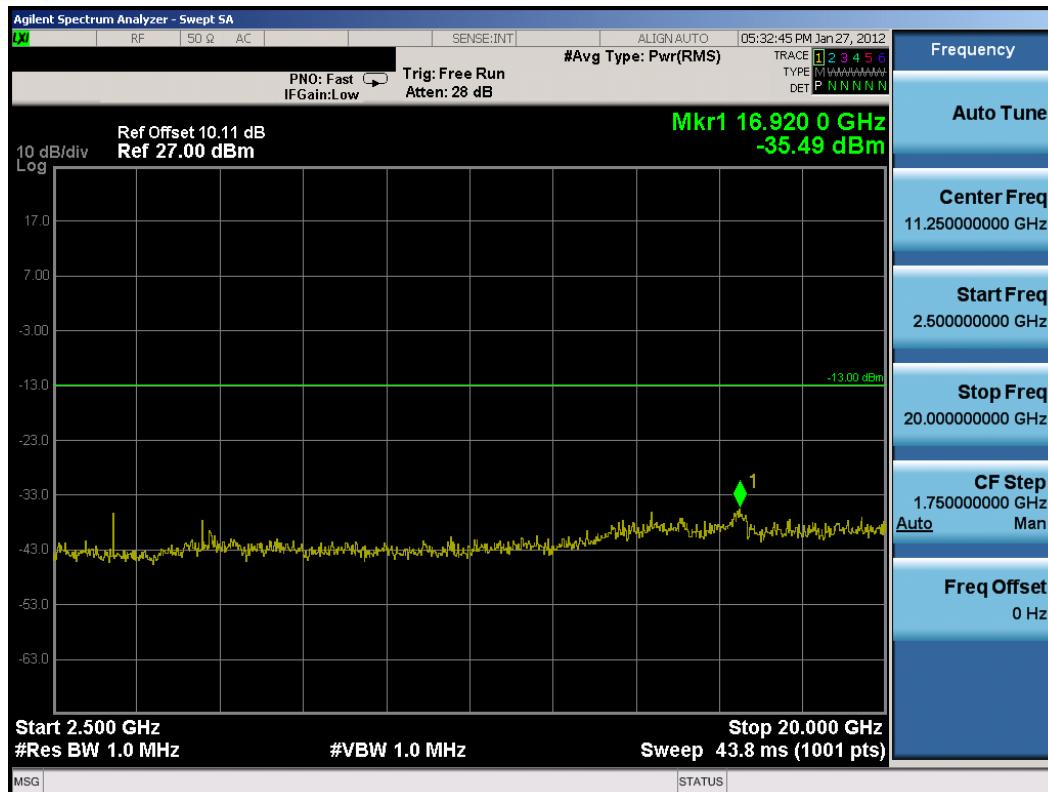


Plot 7-159. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

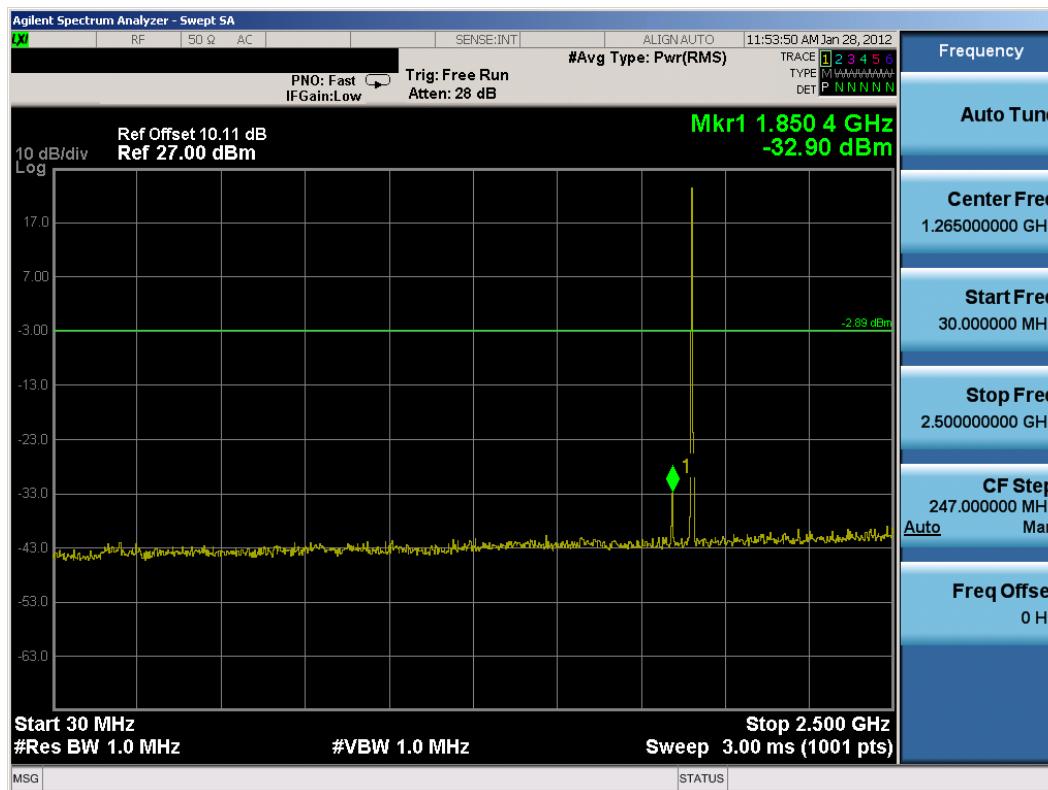


Plot 7-160. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 118 of 167

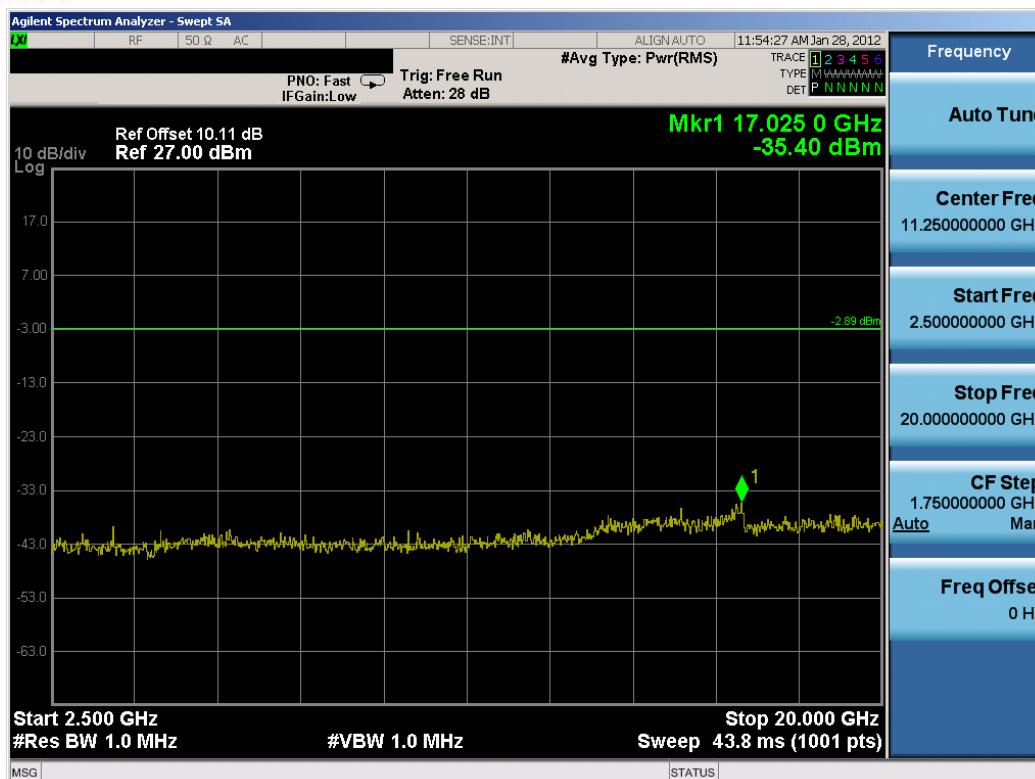


Plot 7-161. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

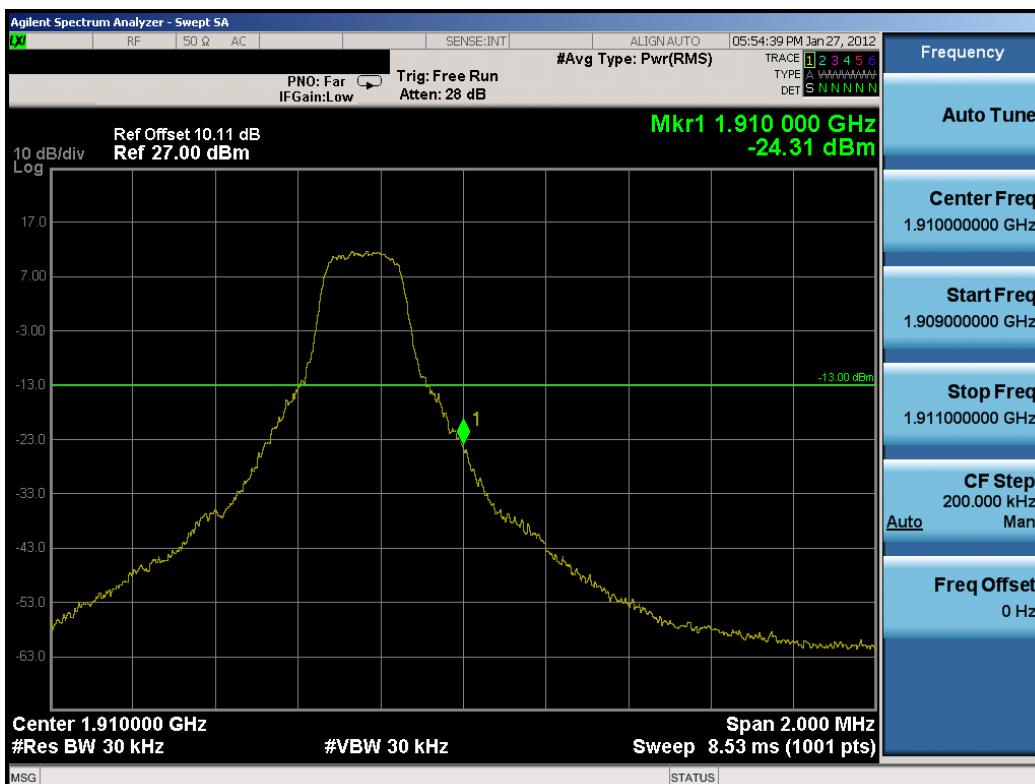


Plot 7-162. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 119 of 167

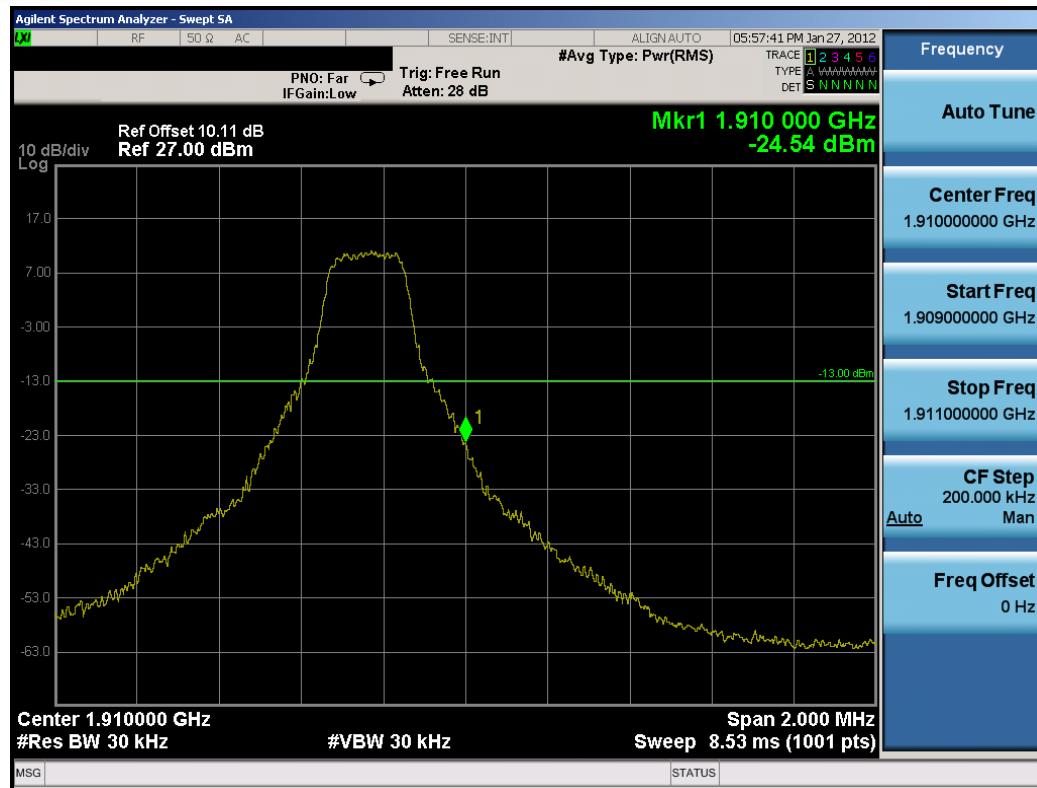


Plot 7-163. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

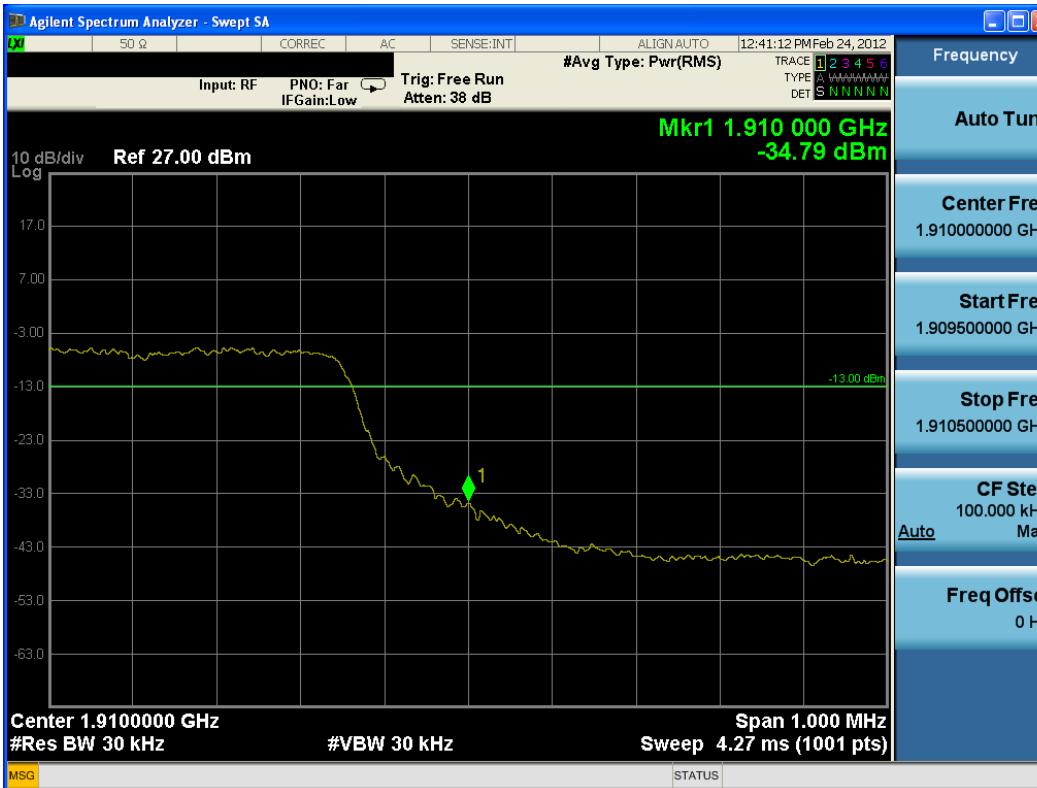


Plot 7-164. Upper Band Edge Plot (QPSK – RB Size 1, Offset 14)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 120 of 167



Plot 7-165. Upper Band Edge Plot (16-QAM – RB Size 1, Offset 14)

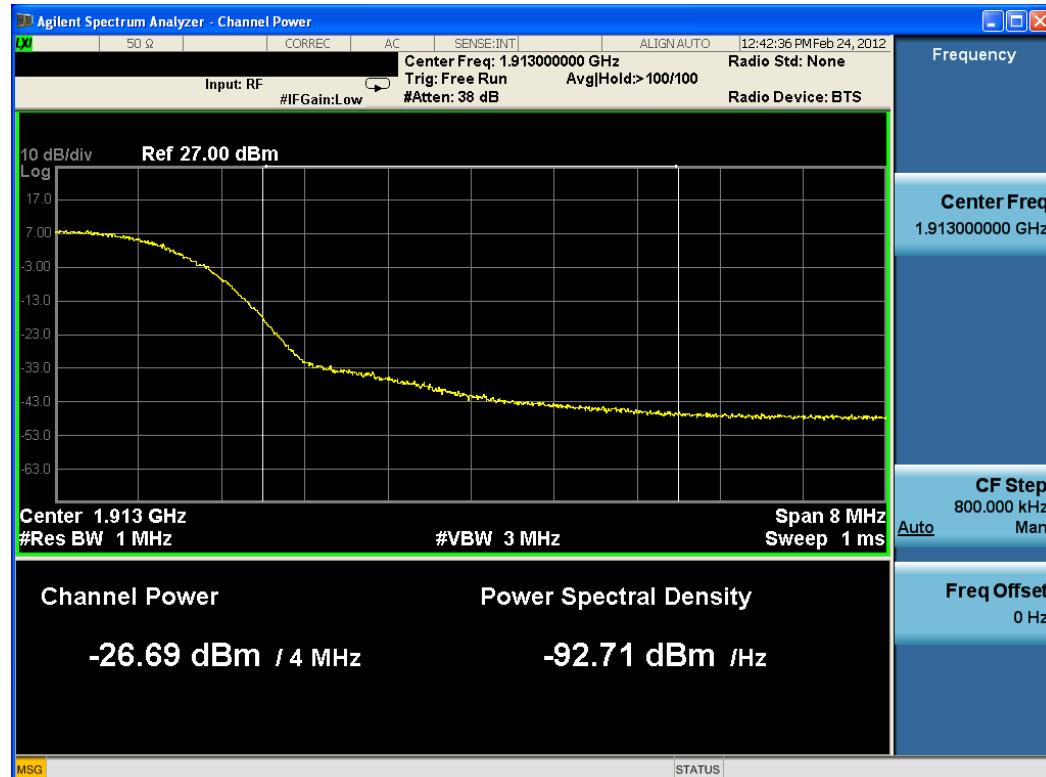


Plot 7-166. Upper Band Edge Plot (QPSK – RB Size 15)

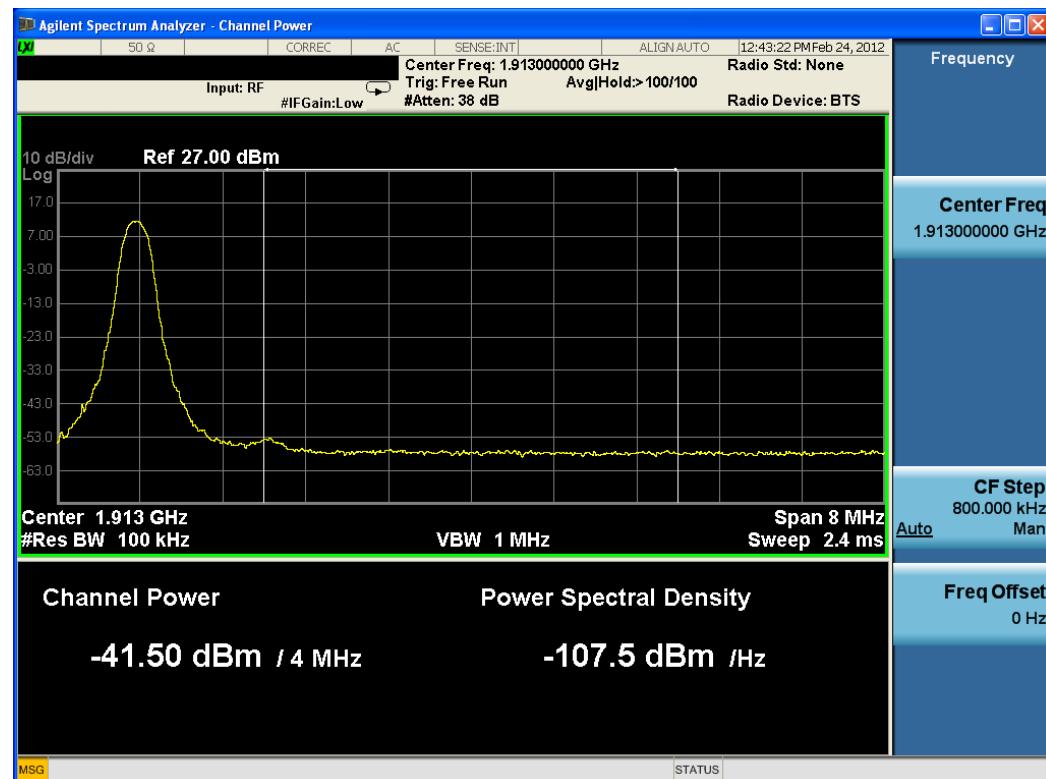
FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 121 of 167



FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 122 of 167

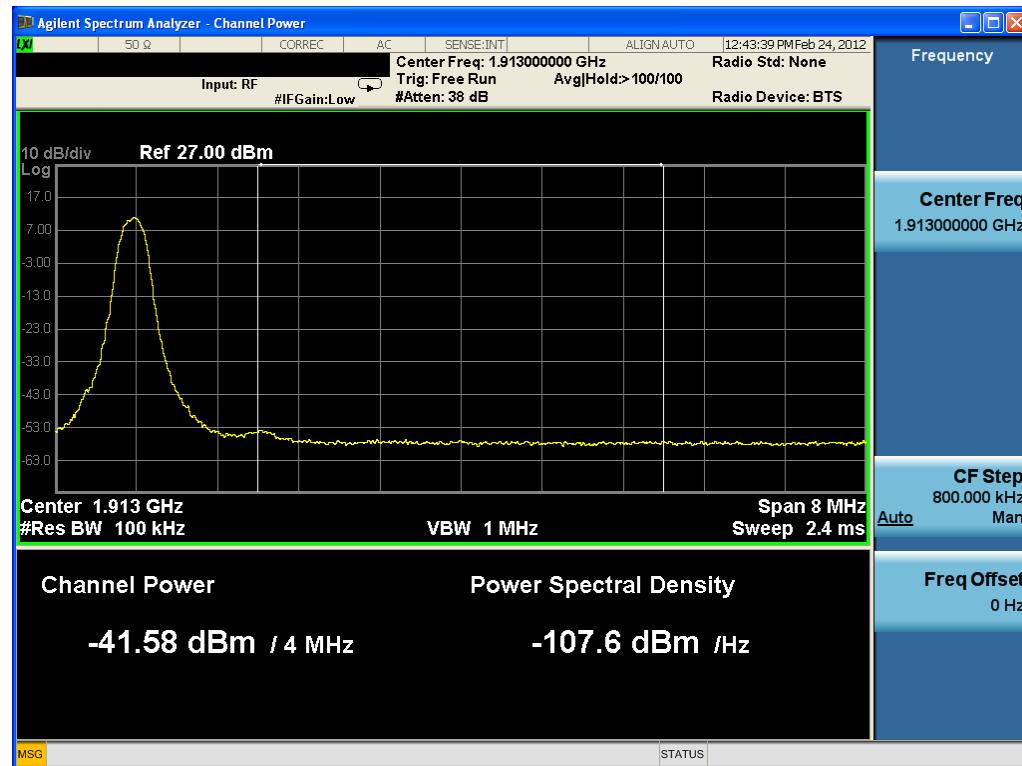


Plot 7-169. Upper Emission Mask (1911-1915 MHz) Plot (16-QAM – RB Size 15)



Plot 7-170. Upper Emission Mask (1911-1915 MHz) Plot (QPSK – RB Size 1, Offset 14)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 123 of 167



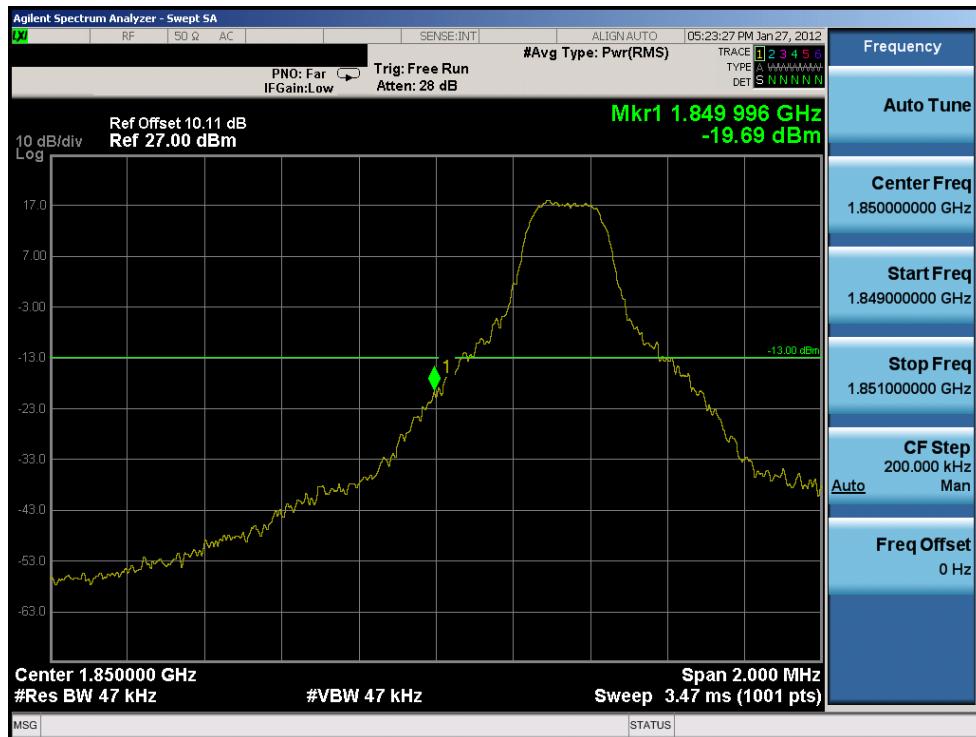
Plot 7-171. Upper Emission Mask (1911-1915 MHz) Plot (16-QAM – RB Size 1, Offset 14)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router	Page 124 of 167	
© 2012 PCTEST Engineering Laboratory, Inc.				REV 1.7AWSC 12/10/09

BAND 2 – 5 MHZ BW

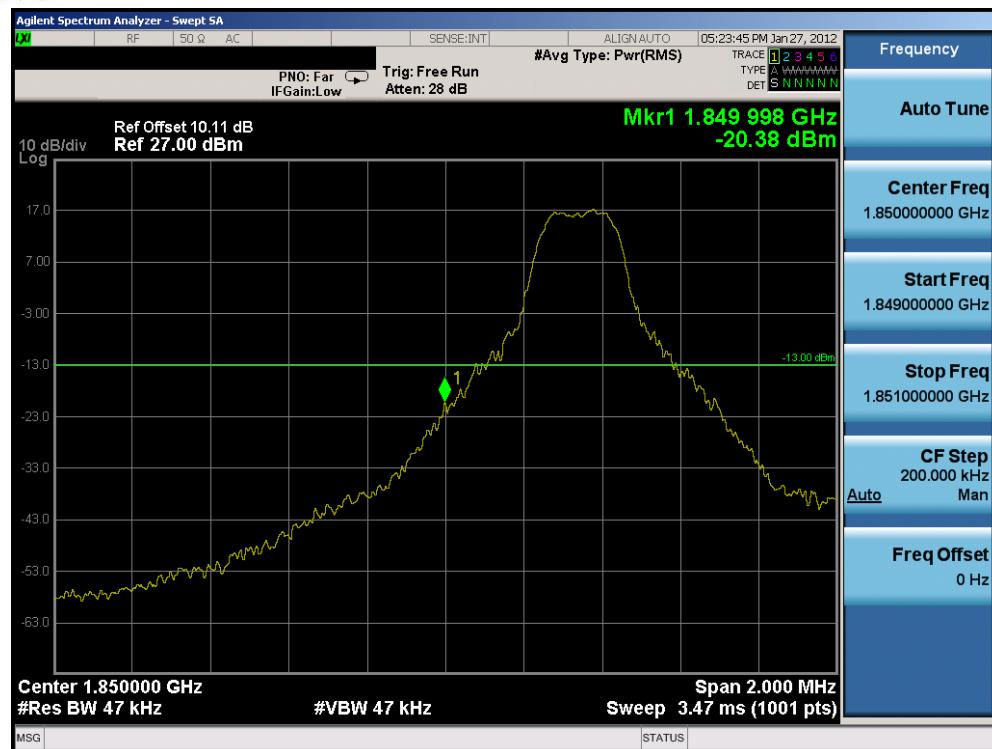
Note: Upper and Lower Band Edge plots more than 1MHz removed from the licensee's frequency block require emissions to be attenuated below the carrier by $43+10\log(P)$ where $RBW \geq 1\text{MHz}$. In the following Band edge plots with RB size = 1, RBW = 100kHz was employed and a BWCF ($10^{\log(1\text{MHz}/100\text{kHz})} = 10 \text{ dB}$) was applied to the worst case emissions. In the Table below, it was observed that the powers are attenuated below the prescribed limit.

			Power (dbm)				
	BE	BW (MHz)	RBW = 100kHz	BWCF	RBW = 1MHz	Limit	Margin
QPSK	Low	5	-39.95	10	-29.95	-13	16.95
16QAM	Low	5	-39.96	10	-29.96	-13	16.96
QPSK	High	5	-41.35	10	-31.35	-13	18.35
16QAM	High	5	-41.42	10	-31.42	-13	18.42

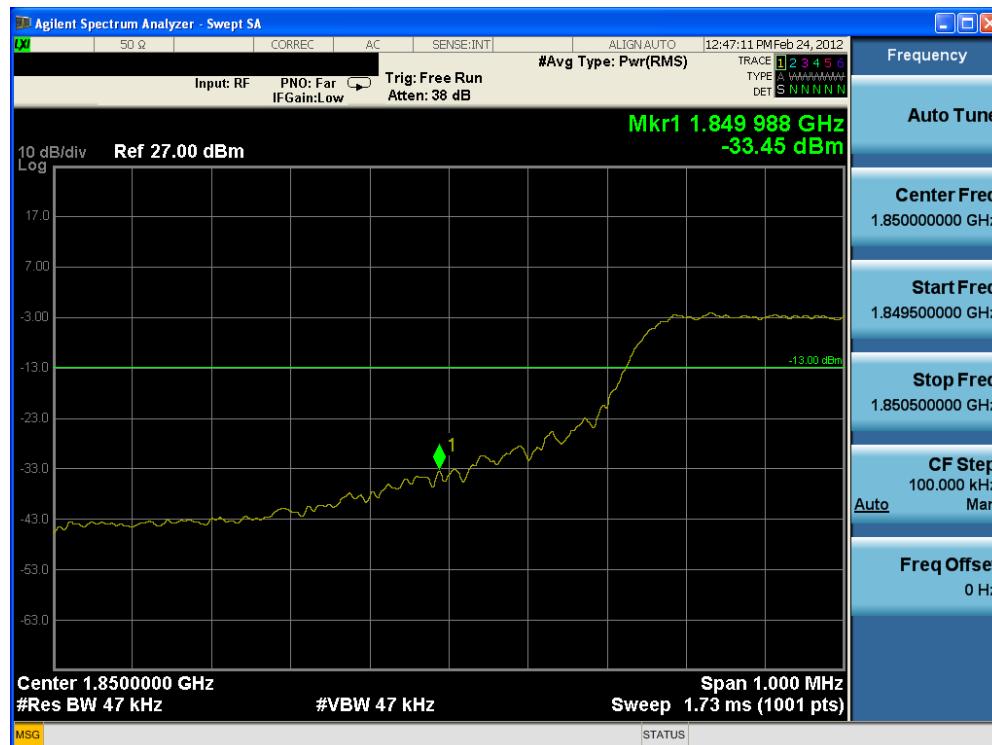


Plot 7-172. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 125 of 167

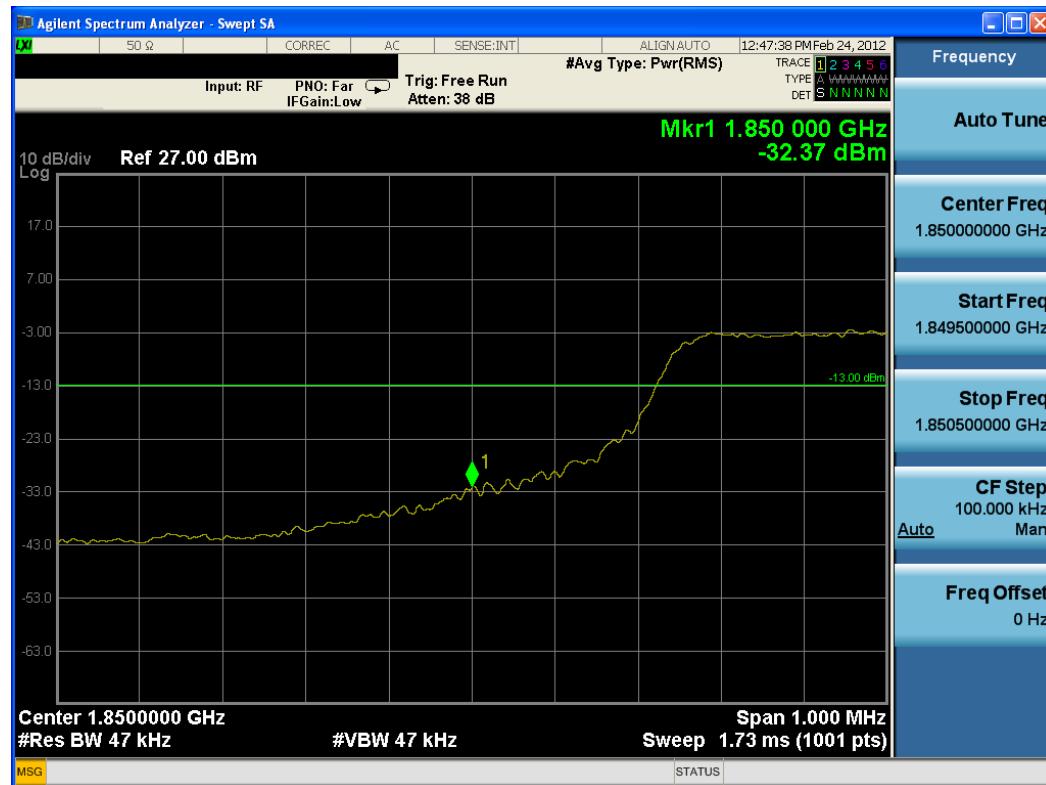


Plot 7-173. Lower Band Edge Plot (16-QAM – RB Size 1, Offset 0)



Plot 7-174. Lower Band Edge Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 126 of 167



Plot 7-175. Lower Band Edge Plot (16-QAM – RB Size 25)

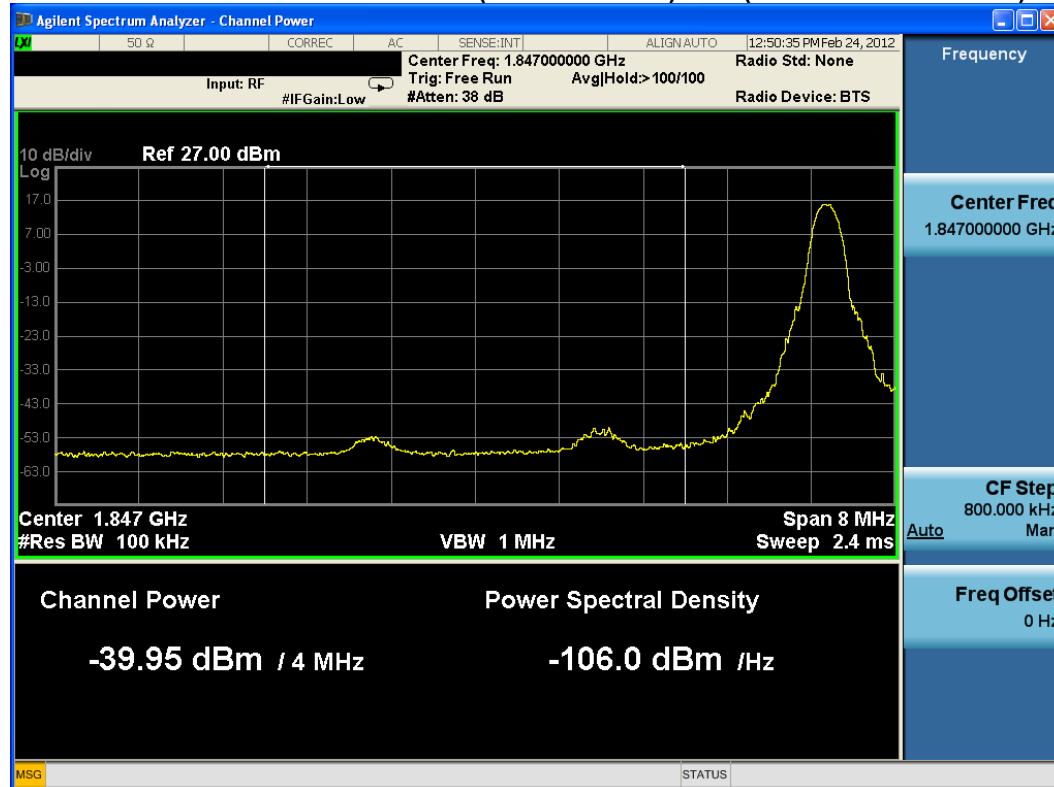


Plot 7-176. Lower Emission Mask (1845-1849MHz) Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 127 of 167

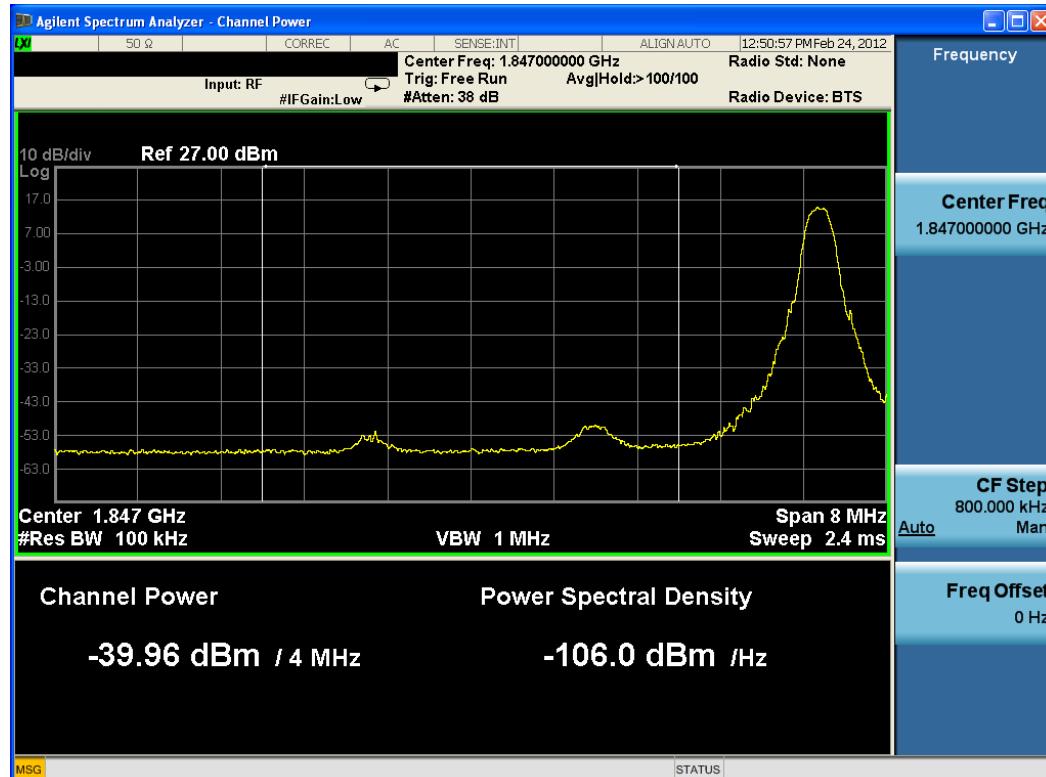


Plot 7-177. Lower Emission Mask (1845-1849MHz) Plot (16-QAM – RB Size 25)

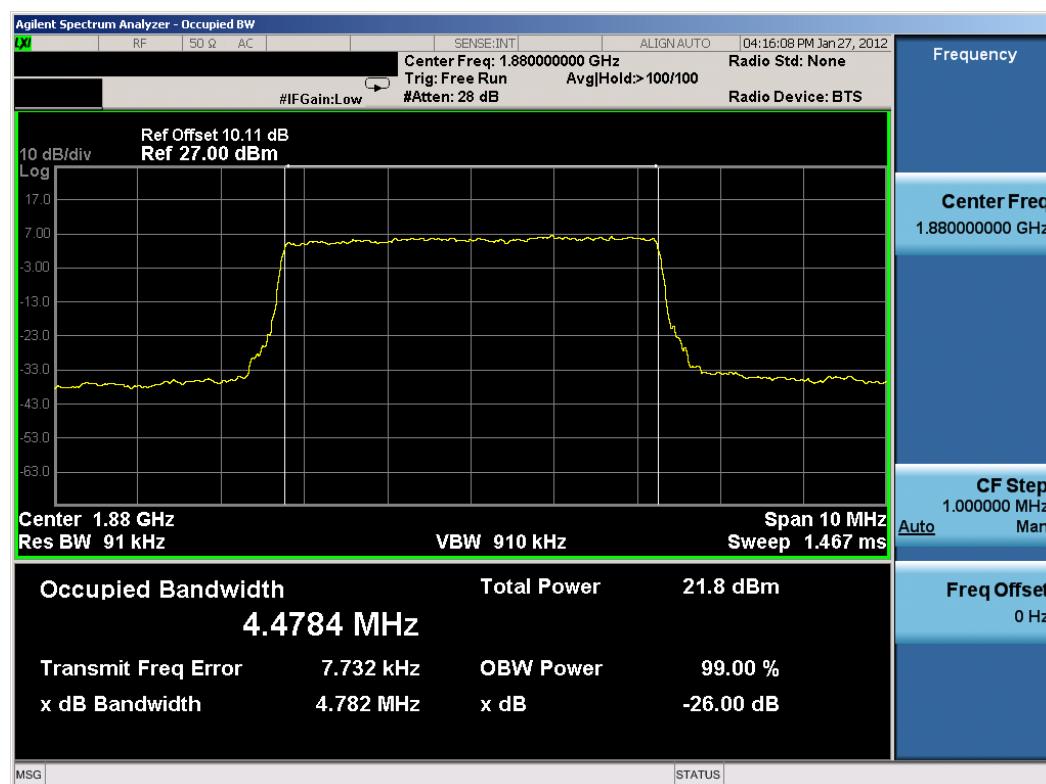


Plot 7-178. Lower Emission Mask (1845-1849MHz) Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 128 of 167

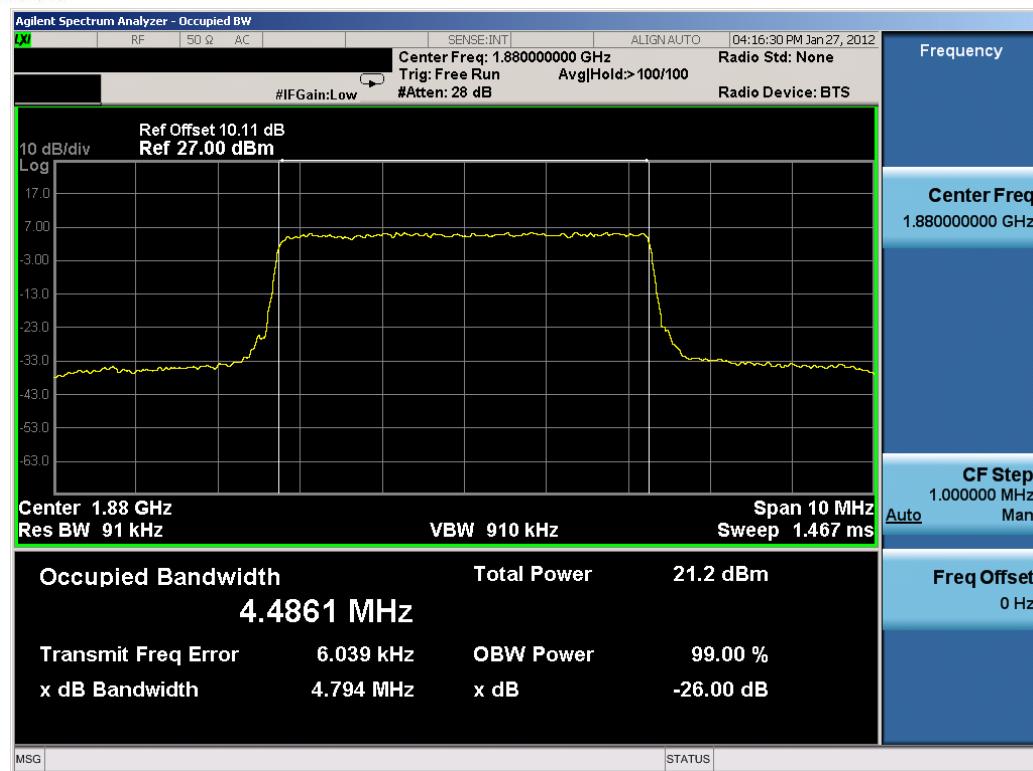


Plot 7-179. Lower Emission Mask (1845-1849MHz) Plot (16-QAM – RB Size 1, Offset 0)

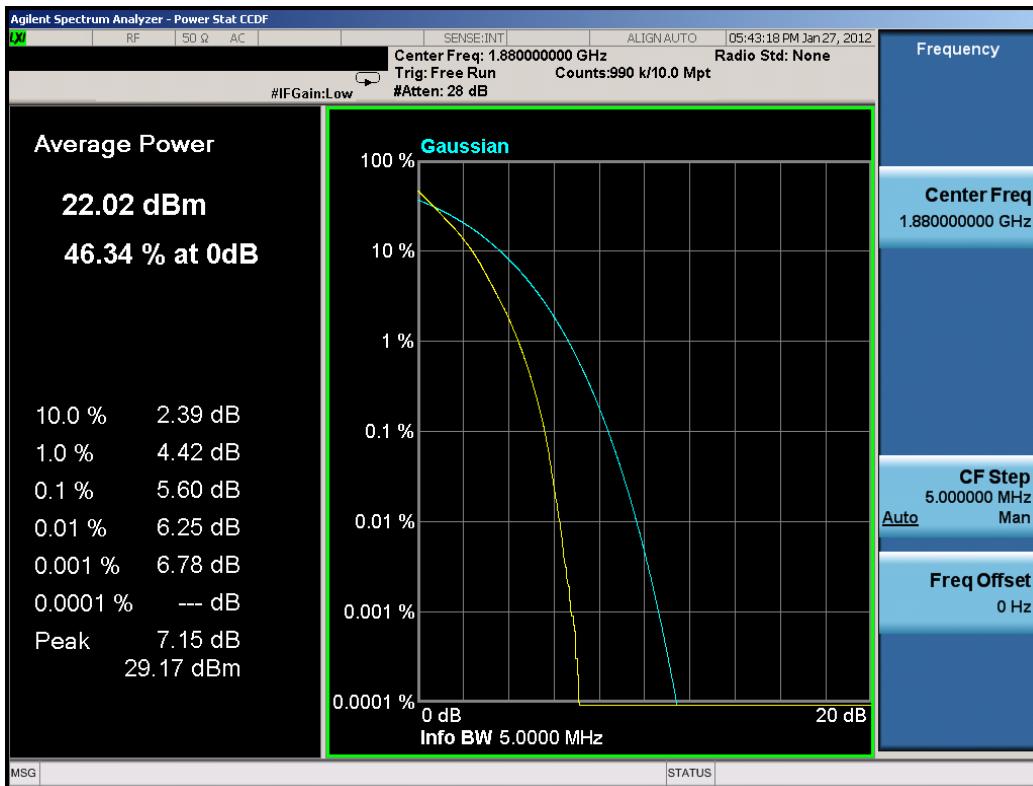


Plot 7-180. Occupied Bandwidth Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 129 of 167

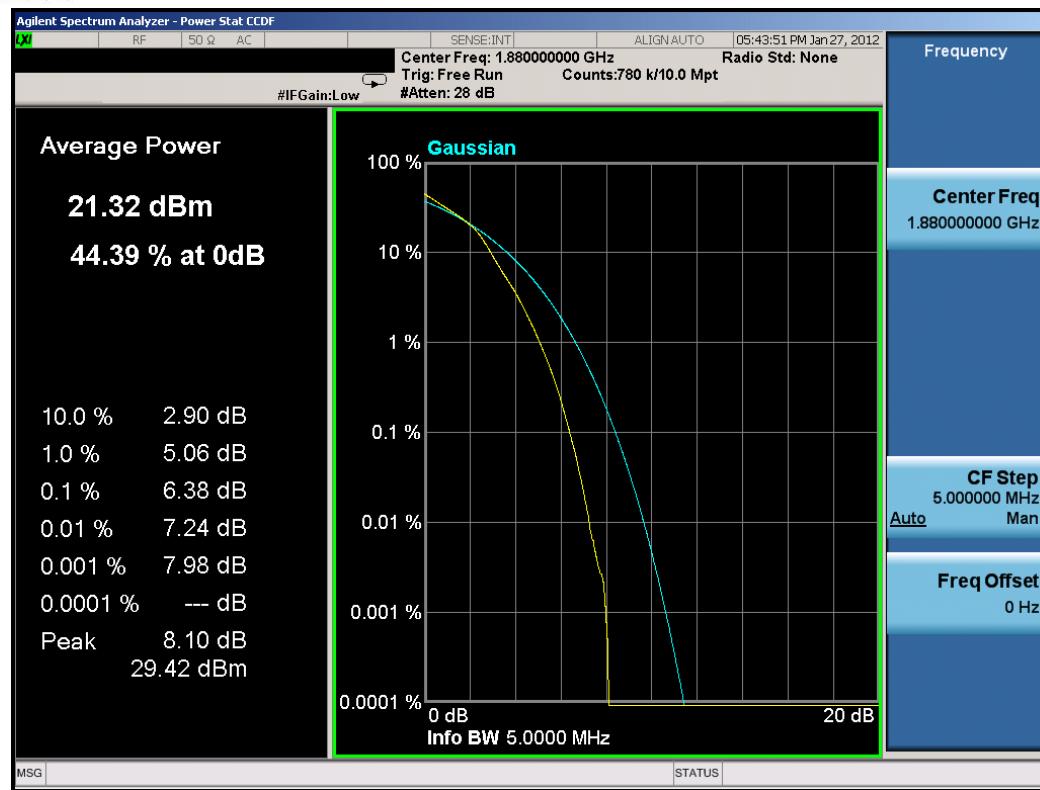


Plot 7-181. Occupied Bandwidth Plot (16-QAM – RB Size 25)

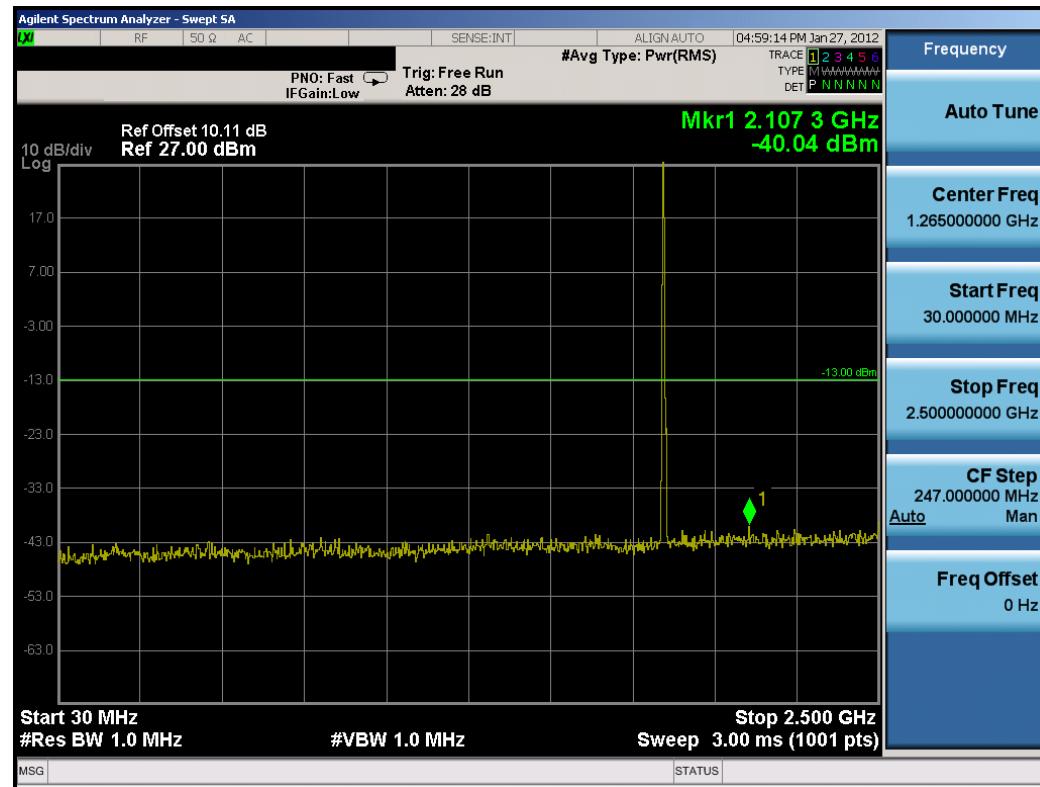


Plot 7-182. Peak to Average Ratio Plot (QPSK - RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 130 of 167

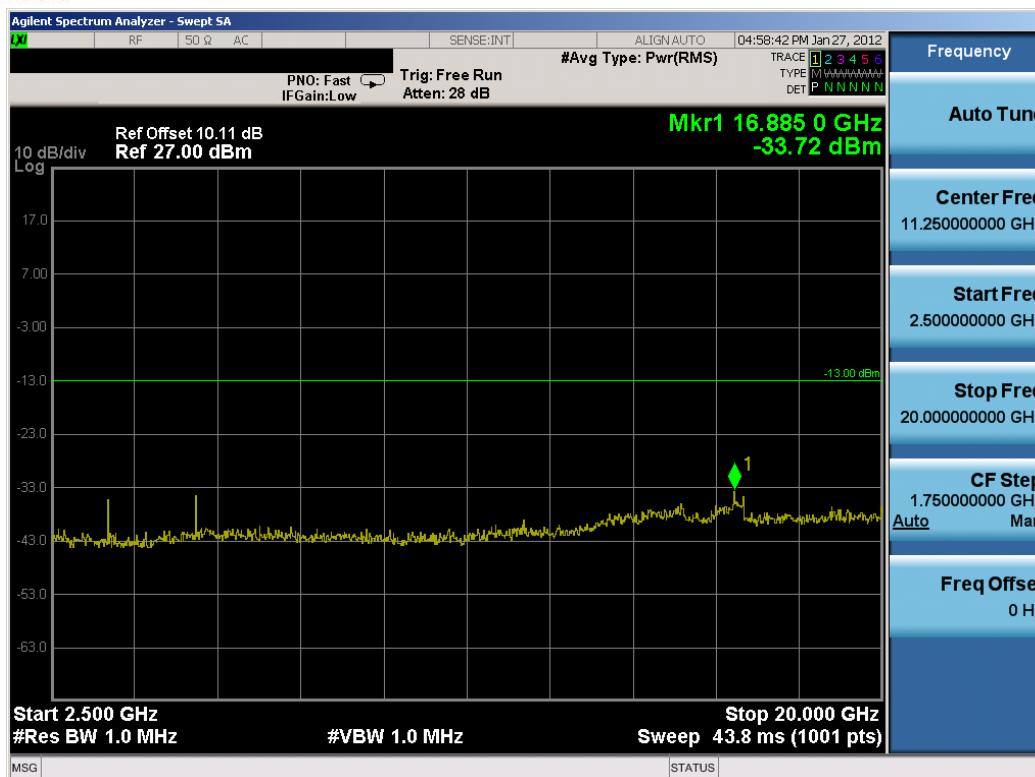


Plot 7-183. Peak to Average Ratio Plot (16QAM – RB Size 25)

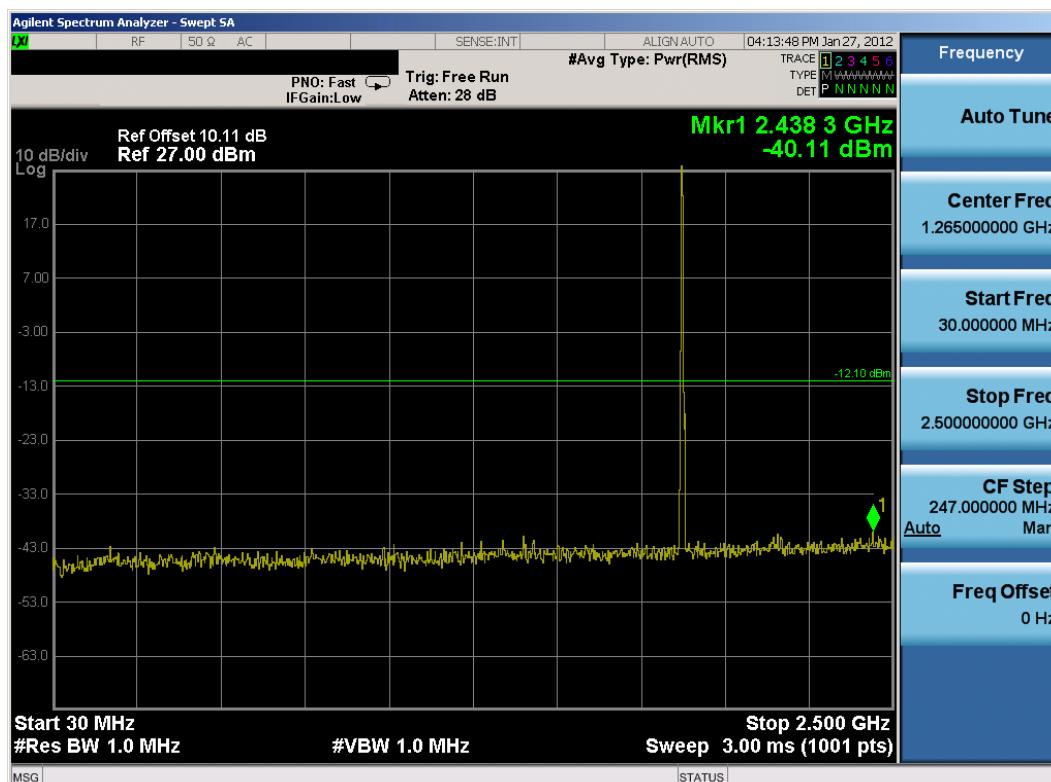


Plot 7-184. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 131 of 167

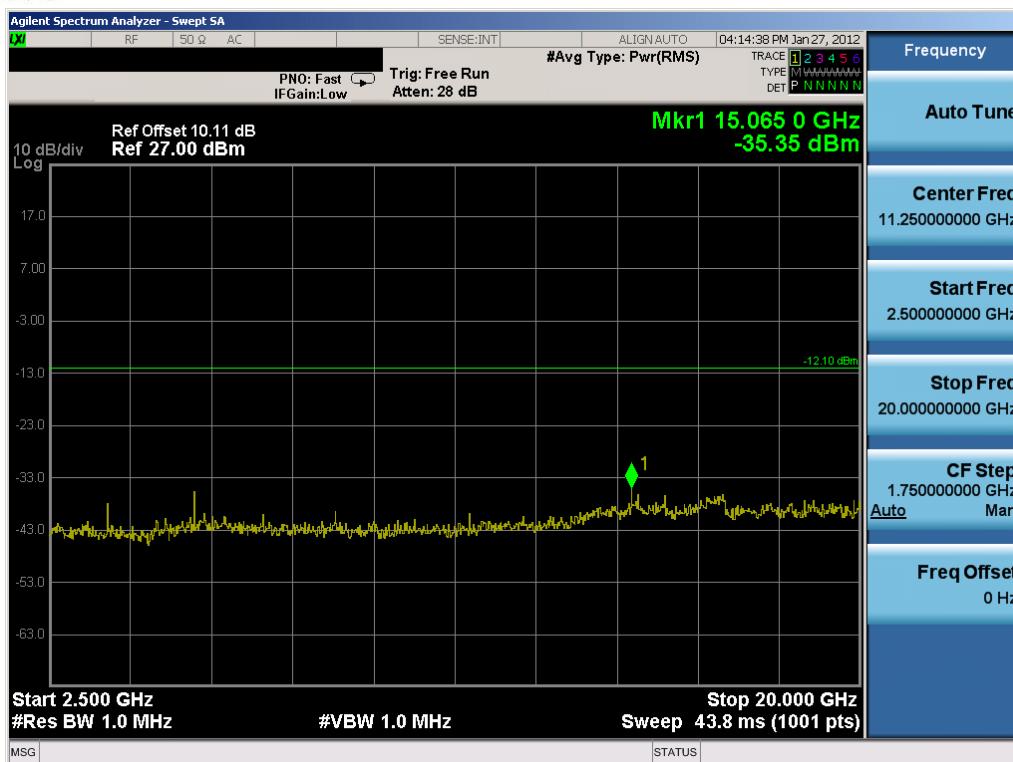


Plot 7-185. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

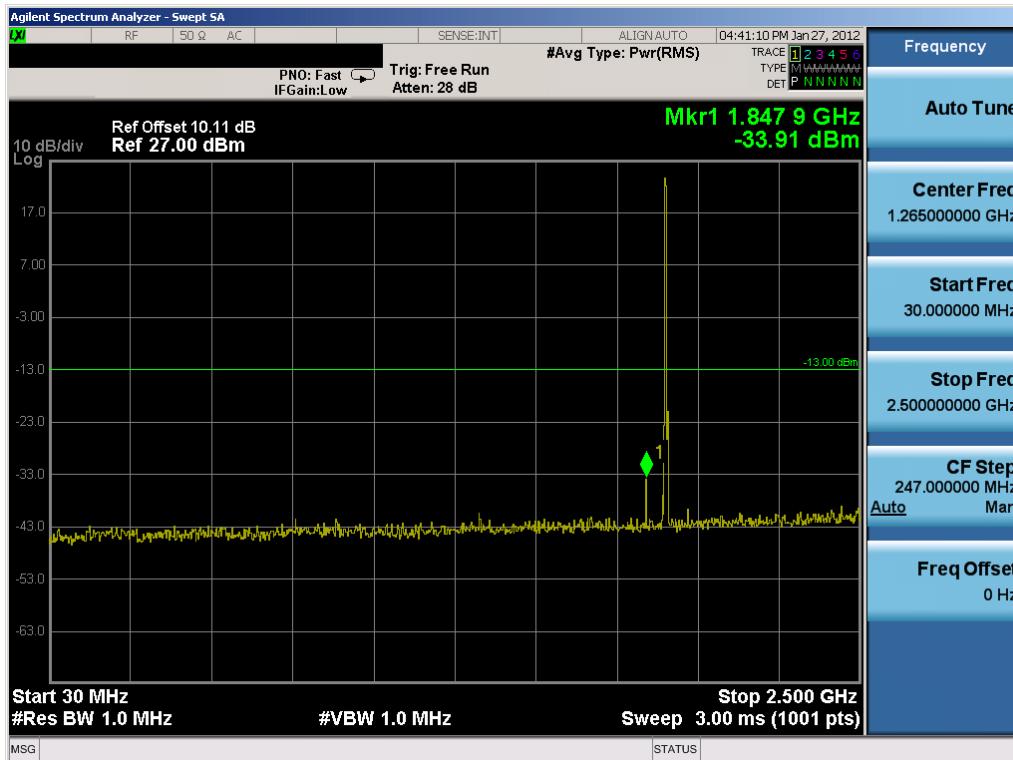


Plot 7-186. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 132 of 167

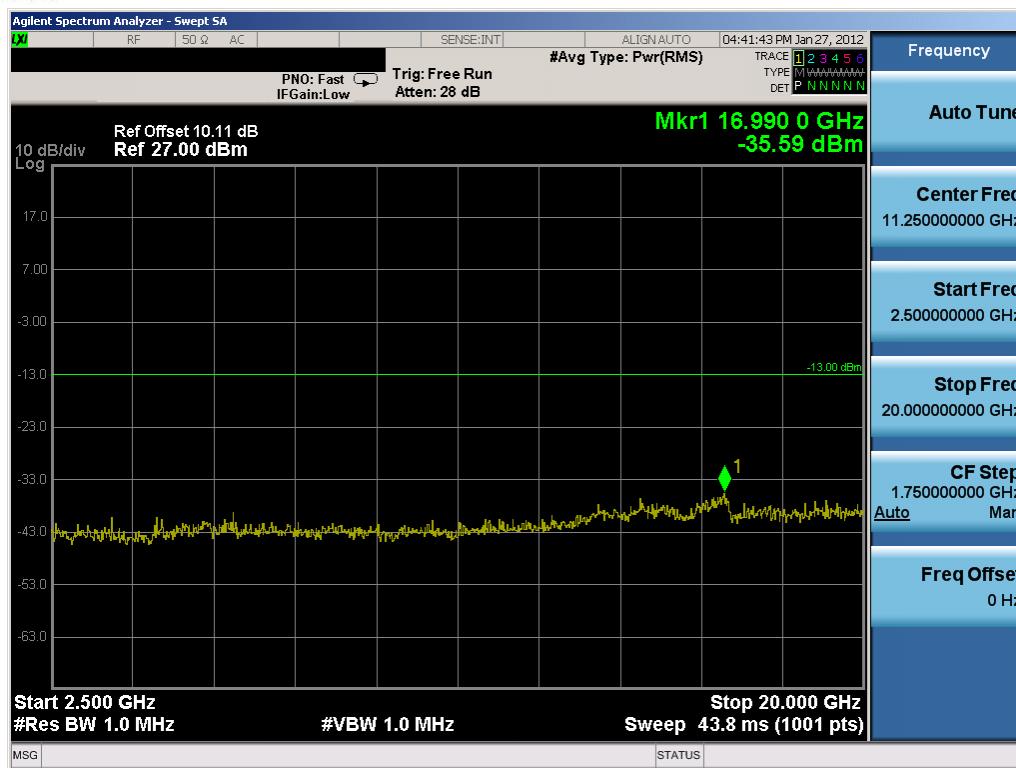


Plot 7-187. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

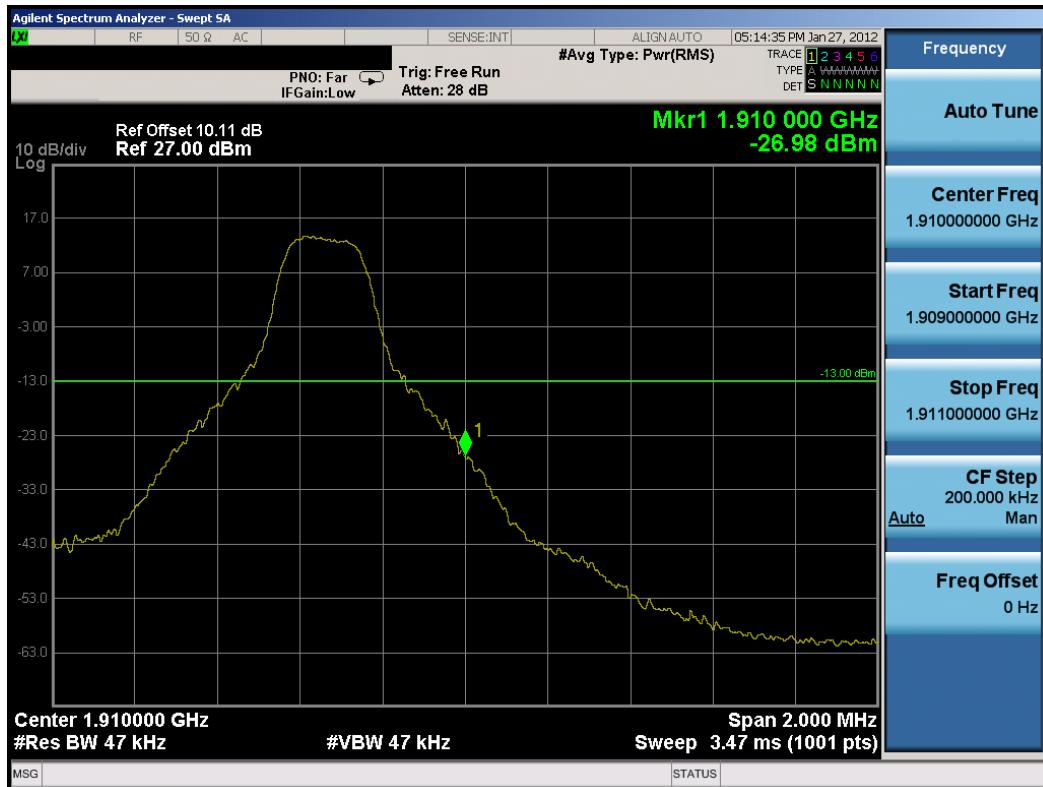


Plot 7-188. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0– High Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 133 of 167

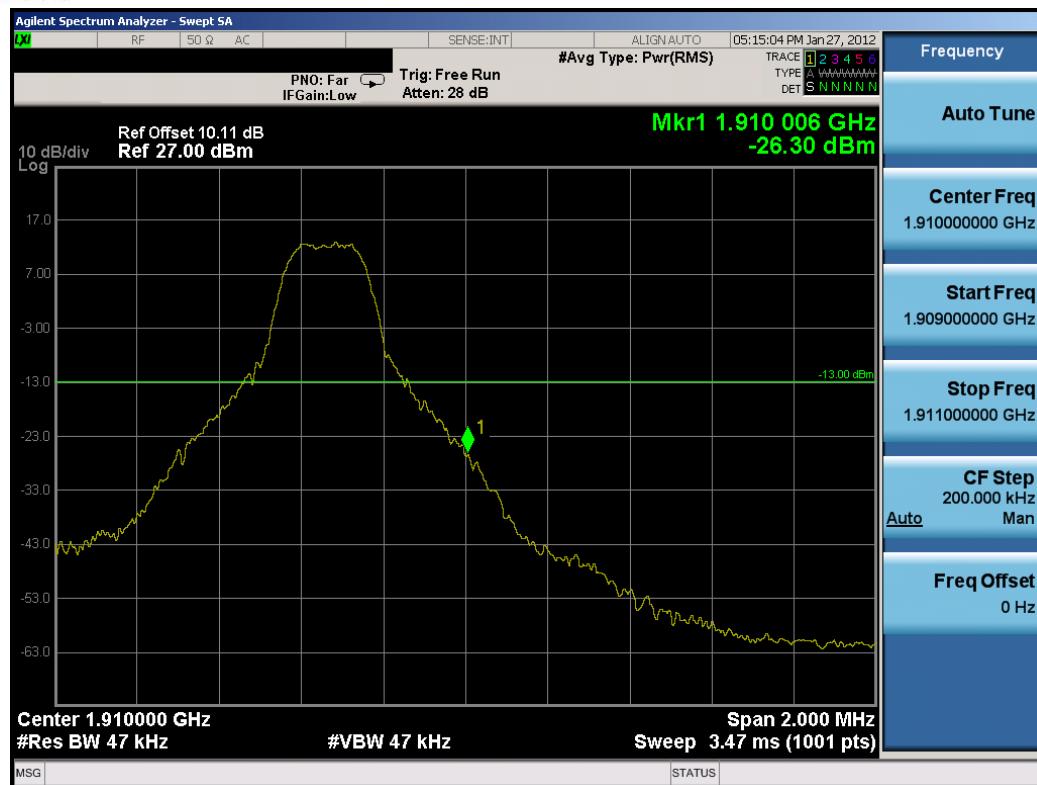


Plot 7-189. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)



Plot 7-190. Upper Band Edge Plot (QPSK – RB Size 1, Offset 24)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 134 of 167



Plot 7-191. Upper Band Edge Plot (16-QAM – RB Size 1, Offset 24)



Plot 7-192. Upper Band Edge Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 135 of 167

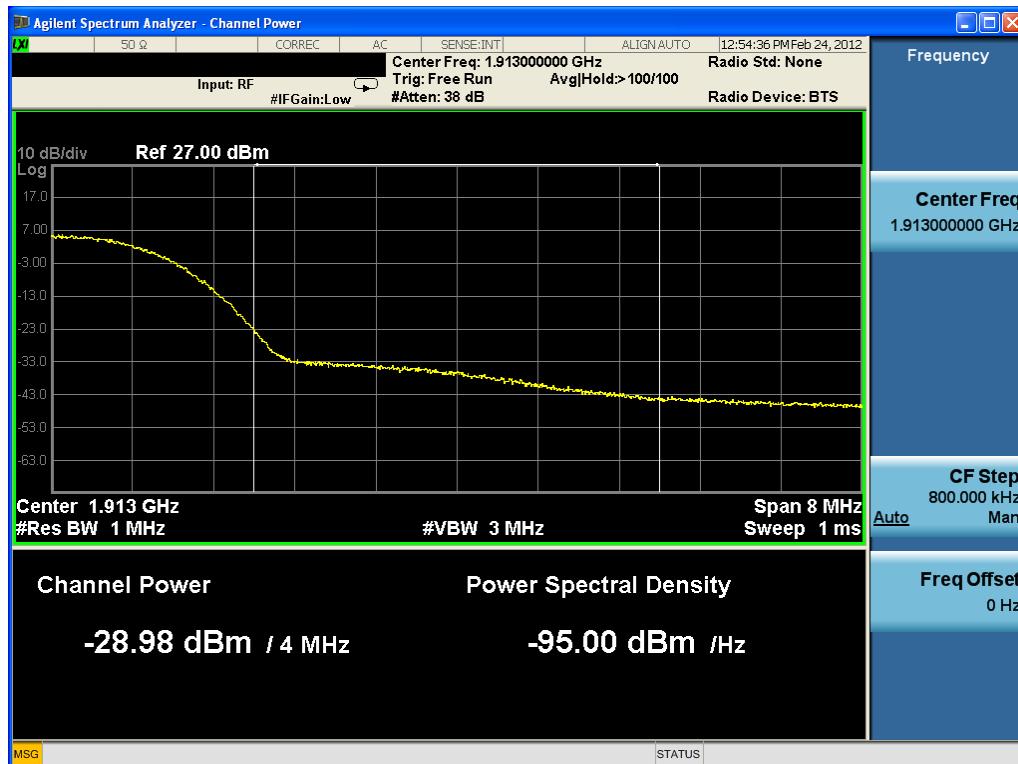


Plot 7-193. Upper Band Edge Plot (16-QAM – RB Size 25)

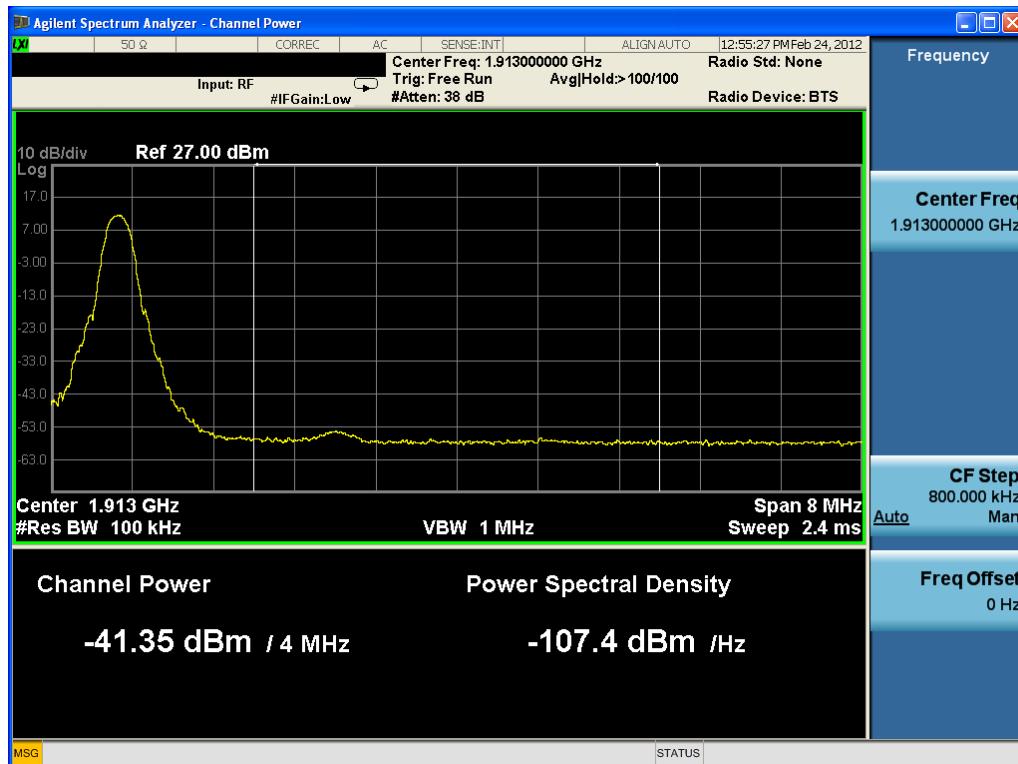


Plot 7-194. Upper Emission Mask (1911-1915 MHz) Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router	Page 136 of 167

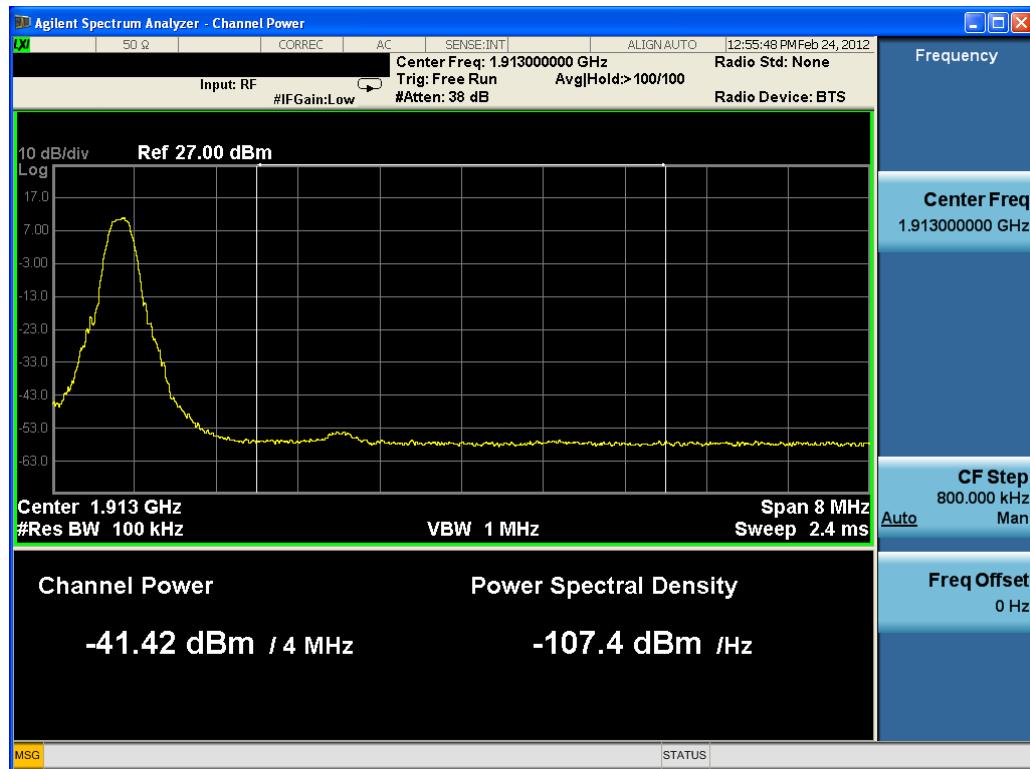


Plot 7-195. Upper Emission Mask (1911-1915 MHz) Plot (16-QAM – RB Size 25)



Plot 7-196. Upper Emission Mask (1911-1915 MHz) Plot (QPSK – RB Size 1. Offset 24)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 137 of 167



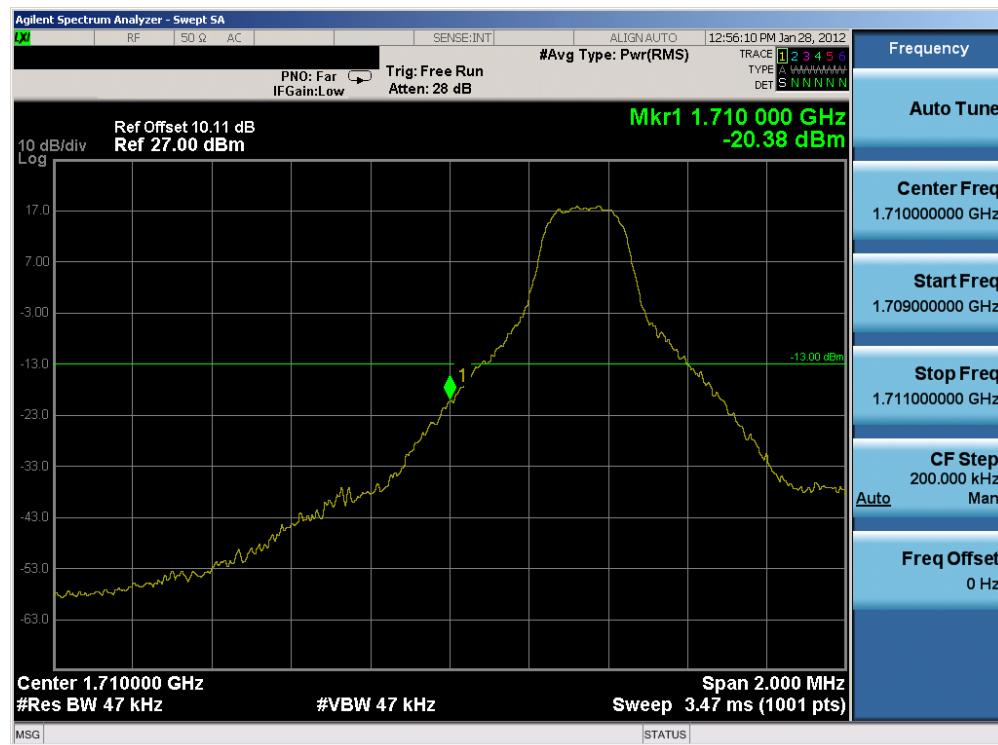
Plot 7-197. Upper Emission Mask (1911-1915 MHz) Plot (16-QAM – RB Size 1, Offset 24)

FCC ID: A3LSCHLC11R	 PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router			Page 138 of 167

BAND 4 – 5 MHZ BW

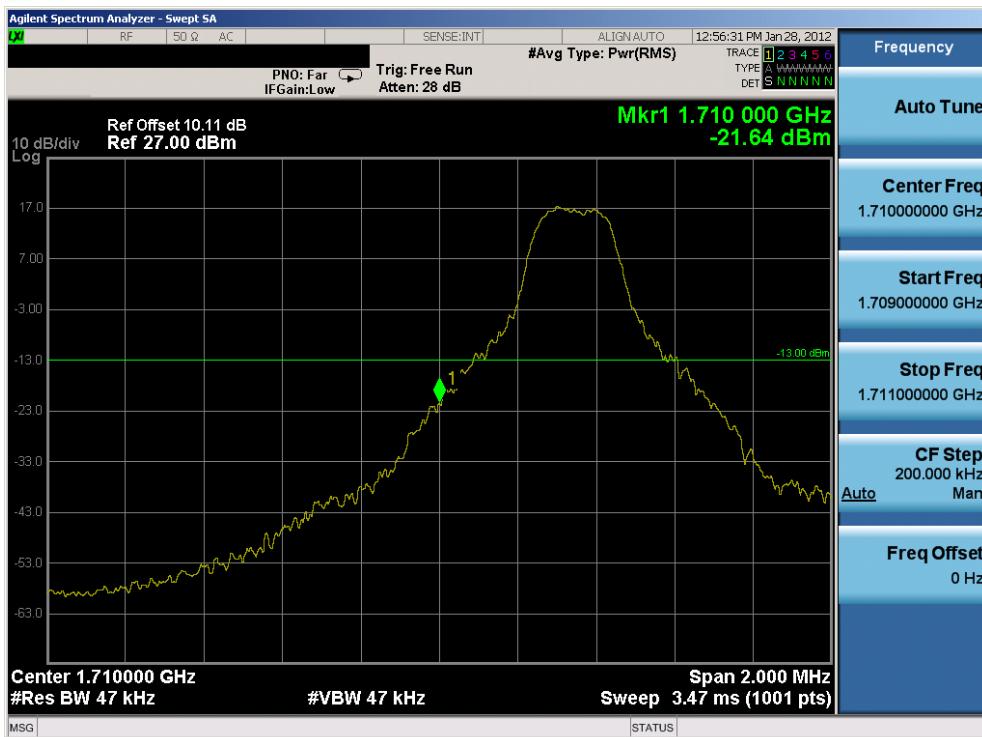
Note: Upper and Lower Band Edge plots more than 1MHz removed from the licensee's frequency block require emissions to be attenuated below the carrier by $43+10\log(P)$ where $RBW \geq 1\text{MHz}$. In the following Band edge plots with RB size = 1, RBW = 100kHz was employed and a BWCF ($10^{\log(1\text{MHz}/100\text{kHz})} = 10 \text{ dB}$) was applied to the worst case emissions. In the Table below, it was observed that the powers are attenuated below the prescribed limit.

			Power (dbm)					
	BE	BW (MHz)	RBW = 100kHz	BWCF	RBW = 1MHz	Limit	Margin	
QPSK	Low	5	-37.74	10	-27.74	-13	14.74	
16QAM	Low	5	-38.03	10	-28.03	-13	15.03	
QPSK	High	5	-37.3	10	-27.3	-13	14.3	
16QAM	High	5	-37.61	10	-27.61	-13	14.61	

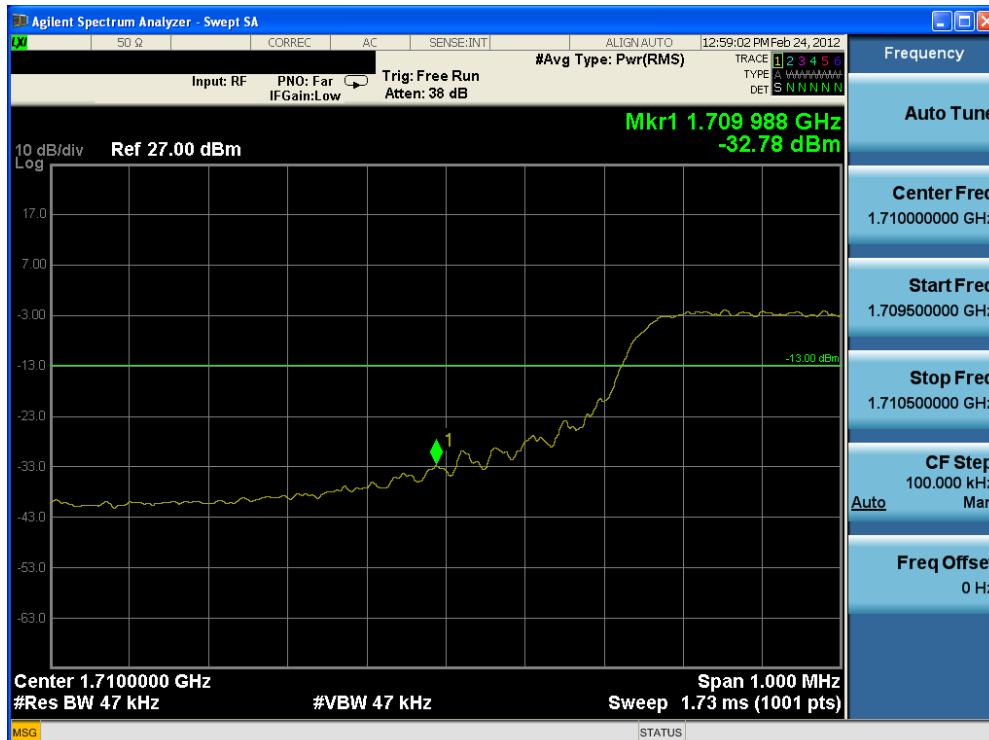


Plot 7-198. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 139 of 167

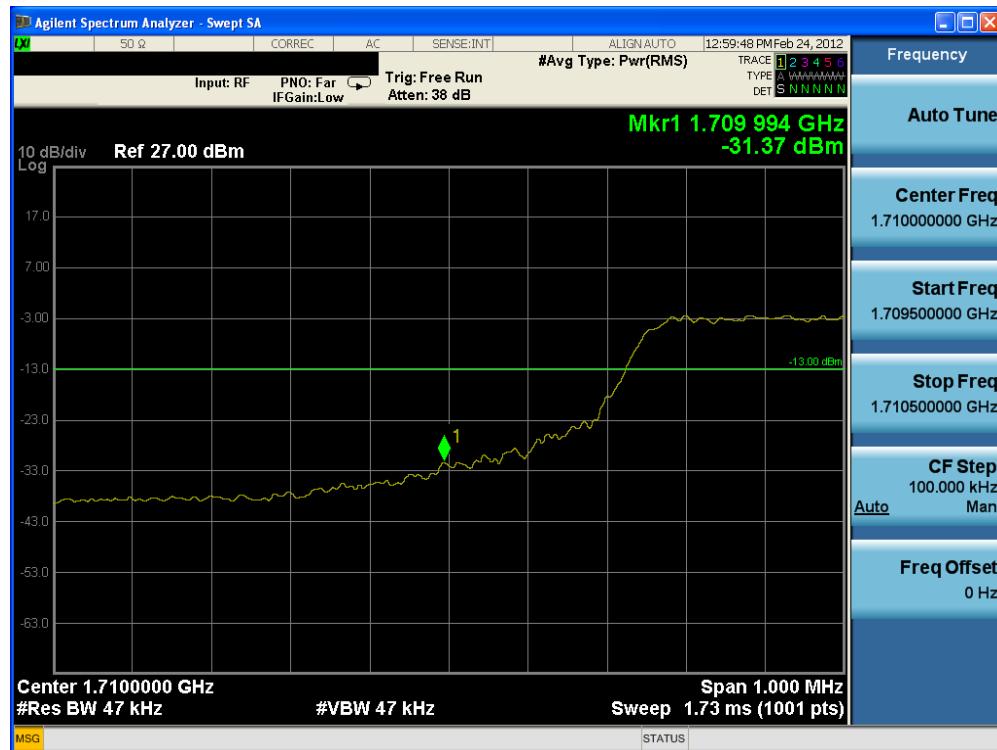


Plot 7-199. Lower Band Edge Plot (16-QAM – RB Size 1, Offset 0)



Plot 7-200. Lower Band Edge Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 140 of 167

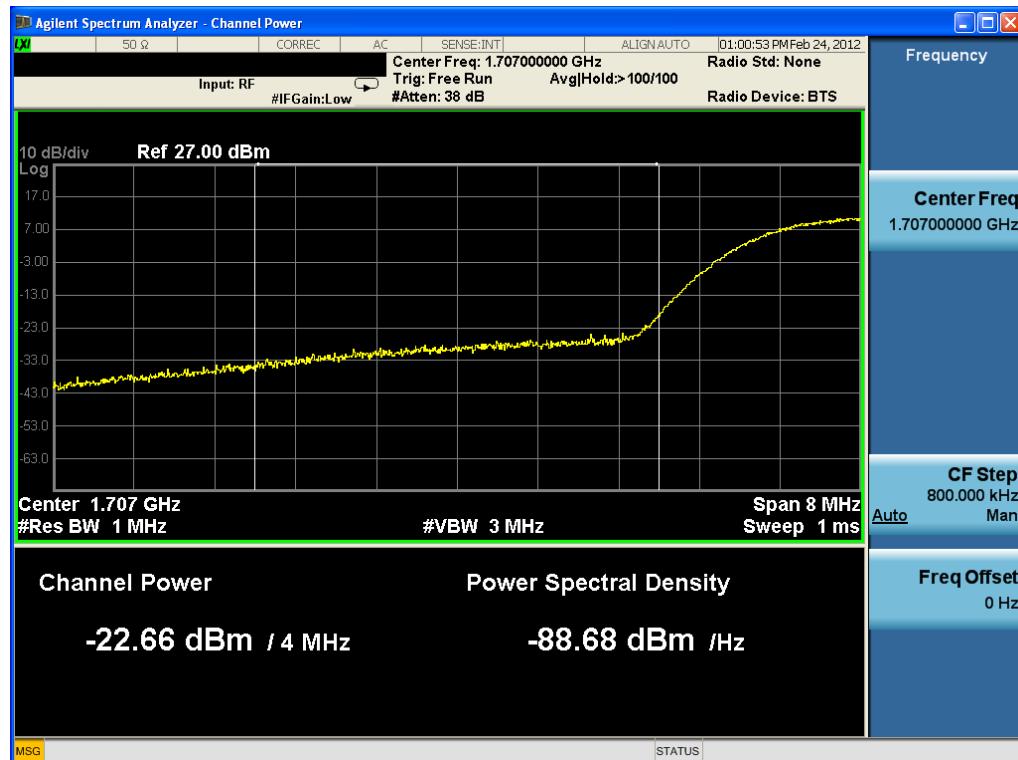


Plot 7-201. Lower Band Edge Plot (16-QAM – RB Size 25)



Plot 7-202. Lower Emission Mask (1705-1709 MHz) Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 141 of 167

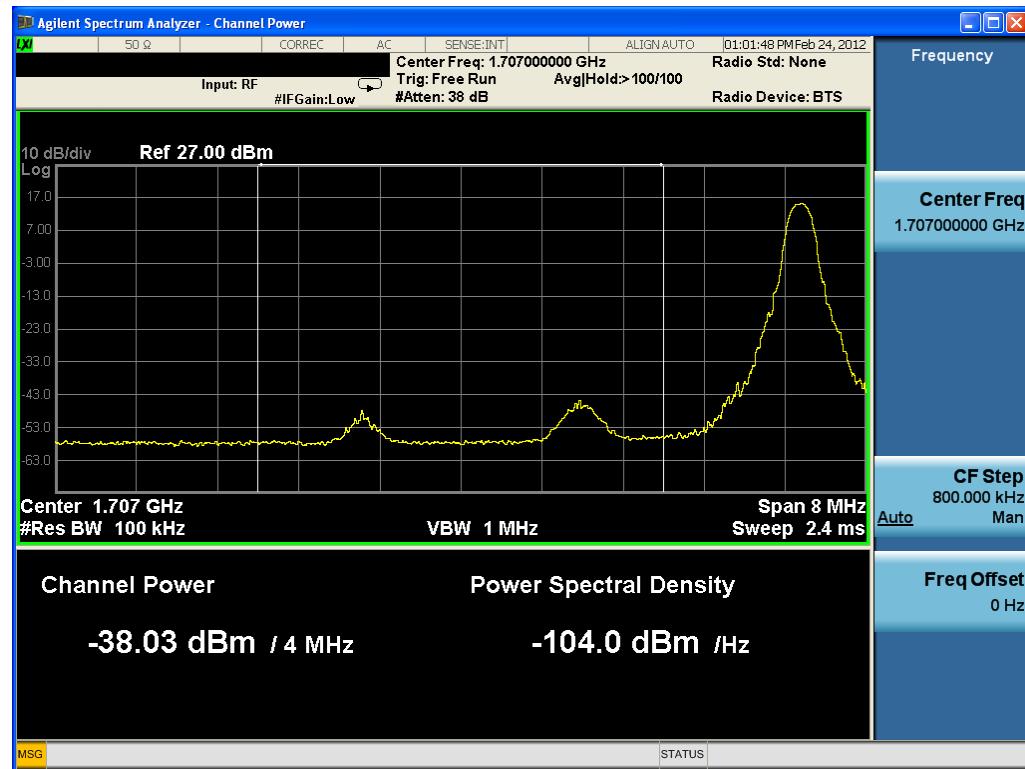


Plot 7-203 Lower Emission Mask (1705-1709 MHz) Plot (16-QAM – RB Size 25)

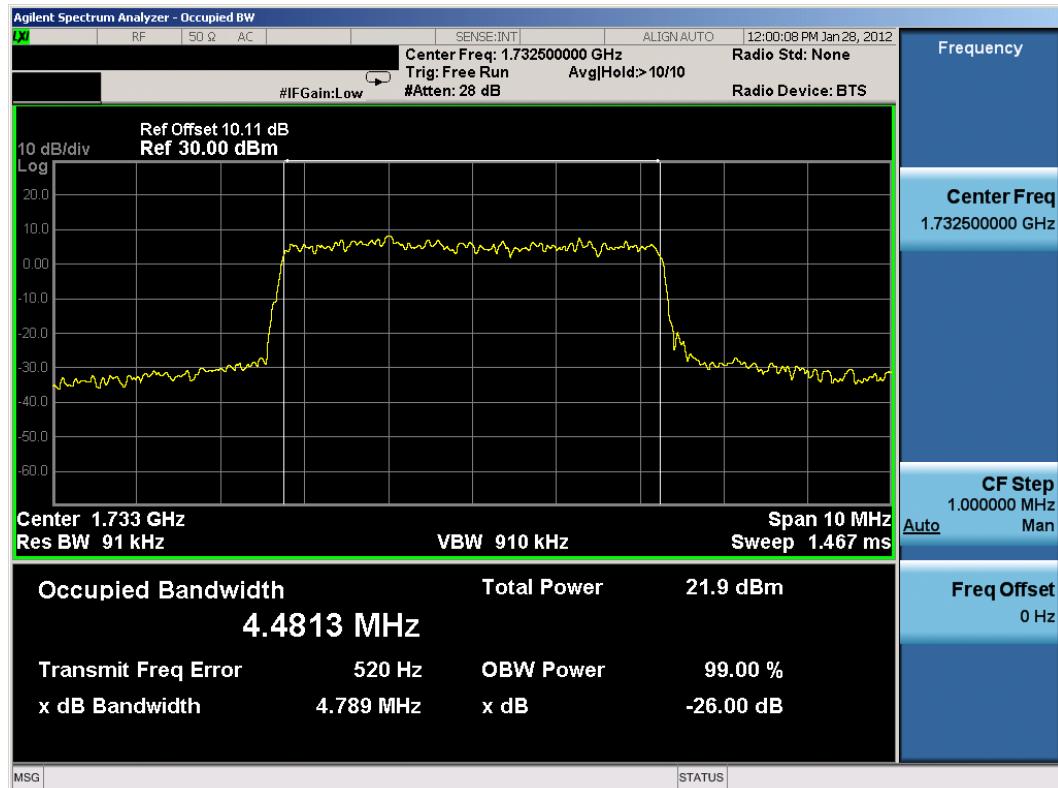


Plot 7-204 Lower Emission Mask (1705-1709 MHz) Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 142 of 167

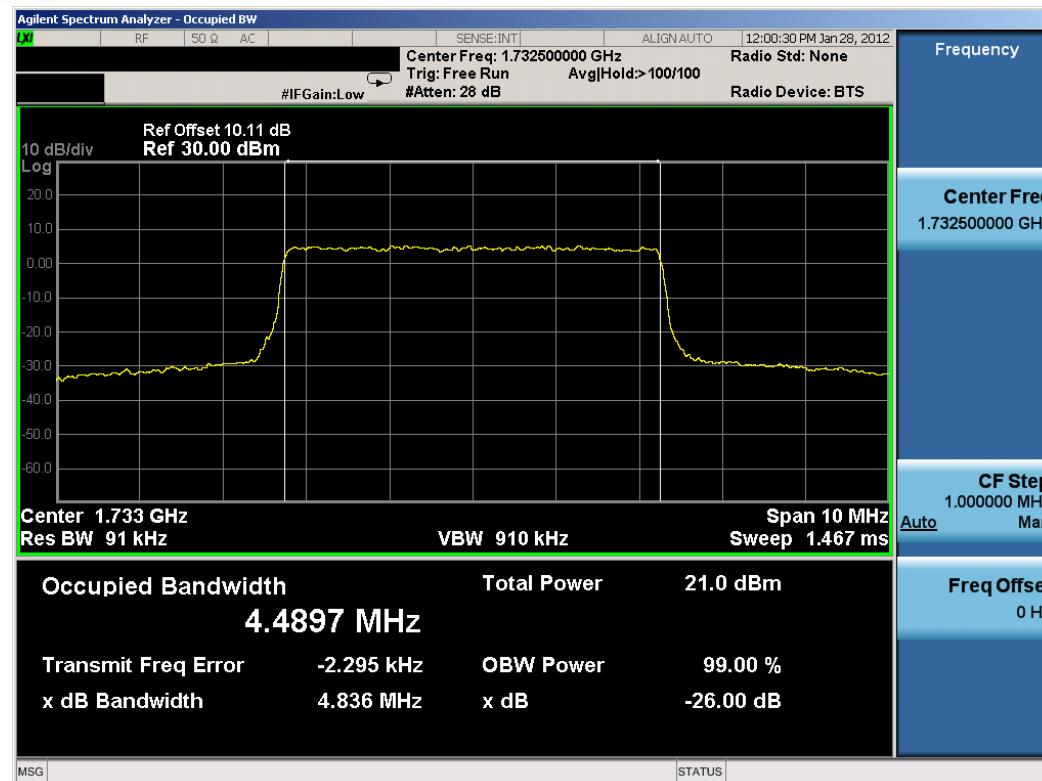


Plot 7-205 Lower Emission Mask (1705-1709 MHz) Plot (16-QAM – RB Size 1, Offset 0)

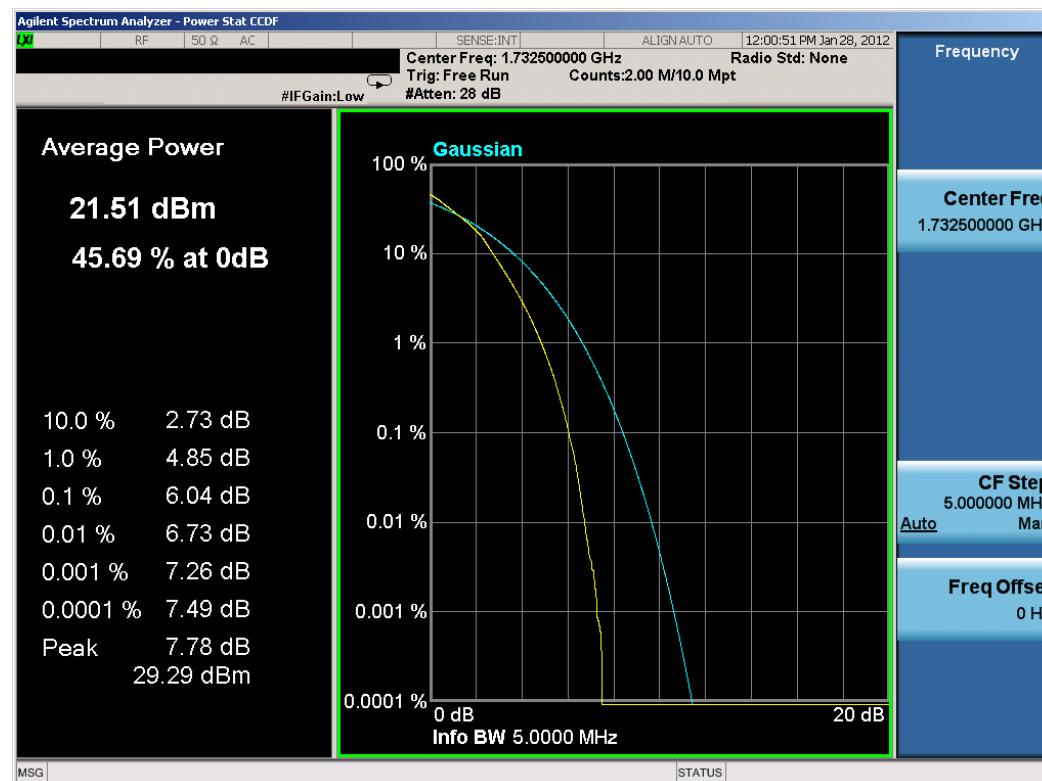


Plot 7-206 Occupied Bandwidth Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 143 of 167

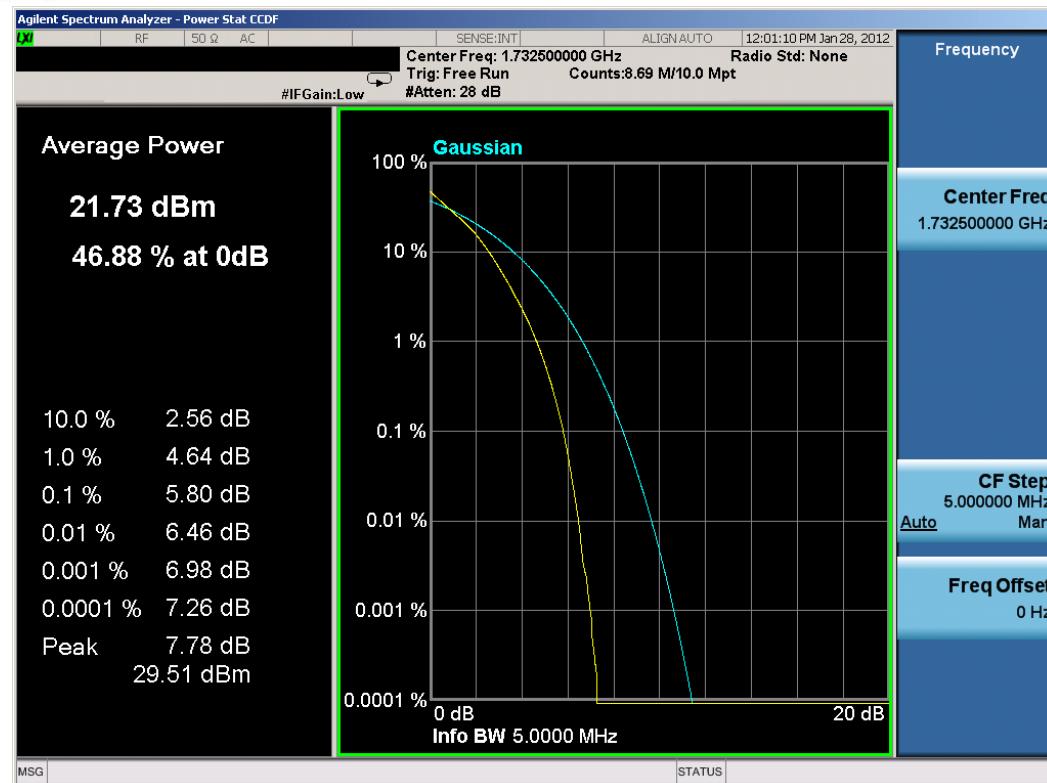


Plot 7-207 Occupied Bandwidth Plot (16-QAM – RB Size 25)

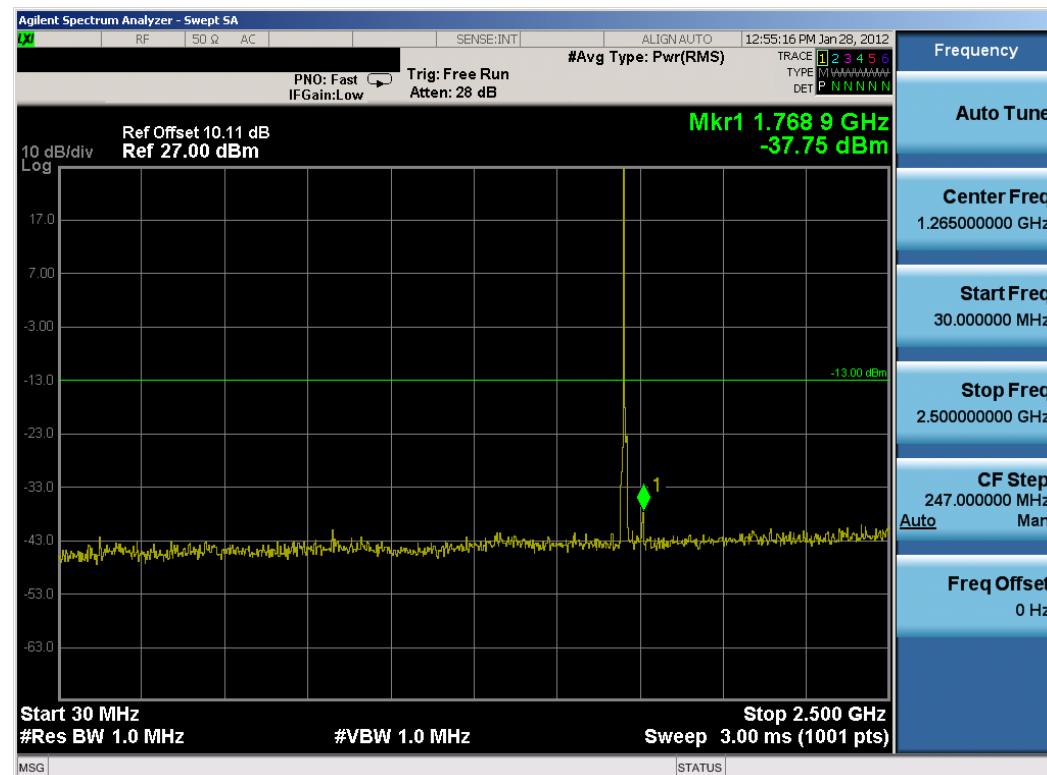


Plot 7-208.Peak to Average Ratio Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 144 of 167

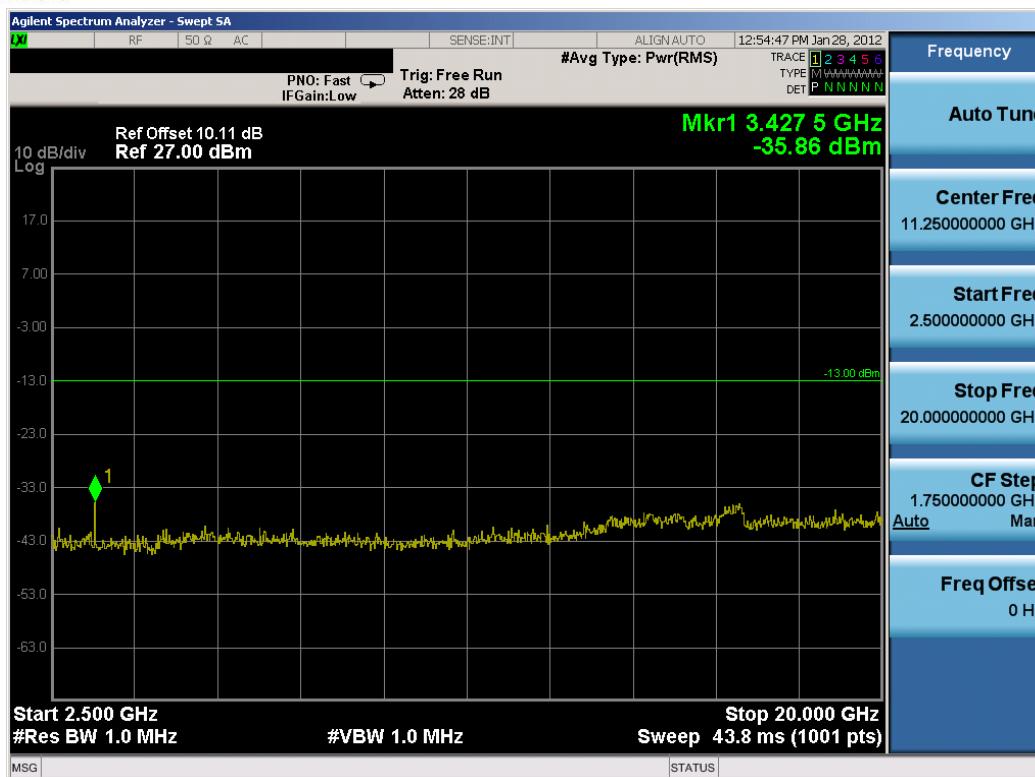


Plot 7-209. Peak to Average Ratio Plot (16QAM – RB Size 25)

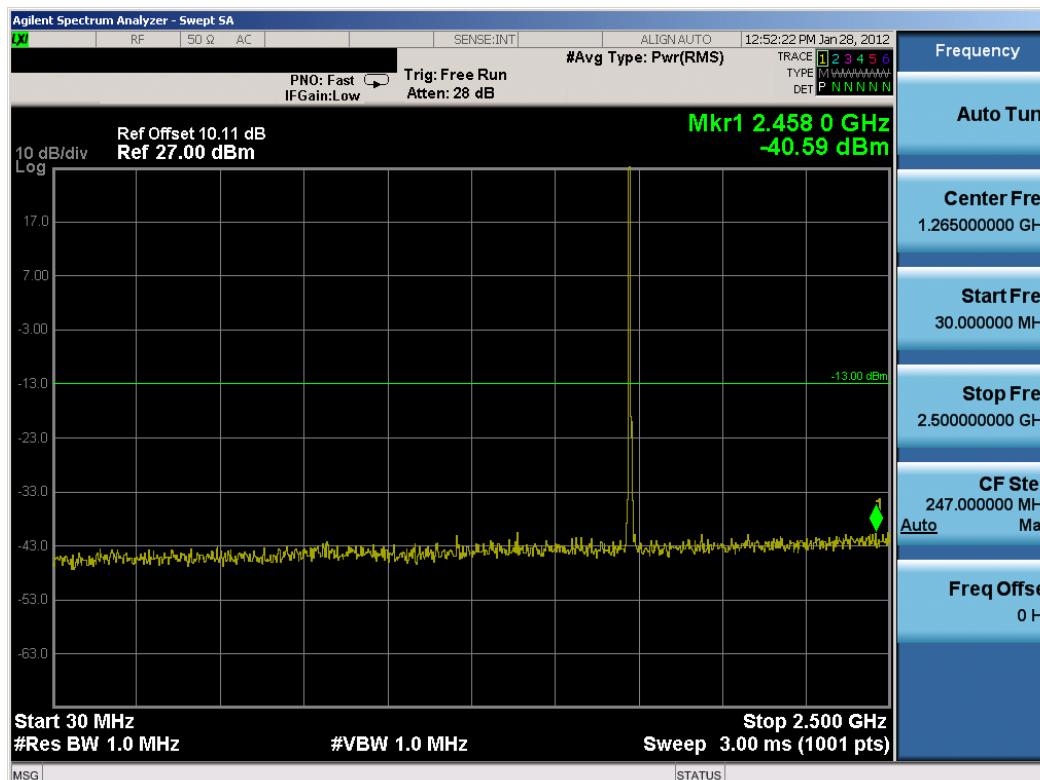


Plot 7-210. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – Low Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 145 of 167

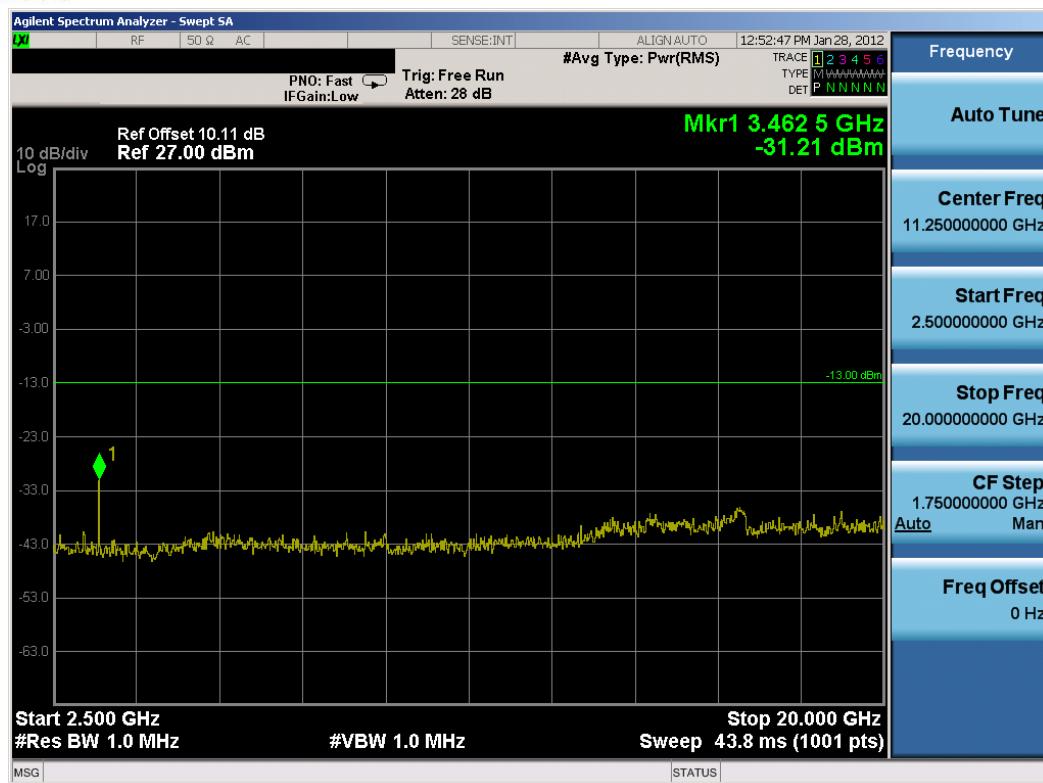


Plot 7-211. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – Low Channel)

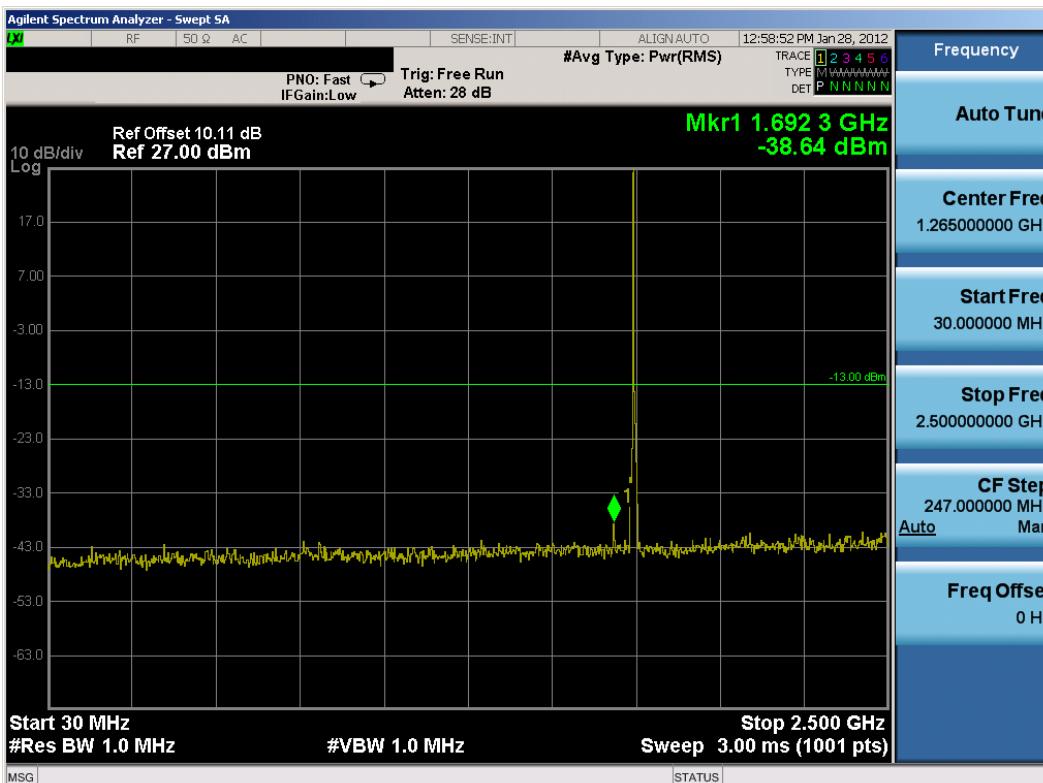


Plot 7-212. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 146 of 167

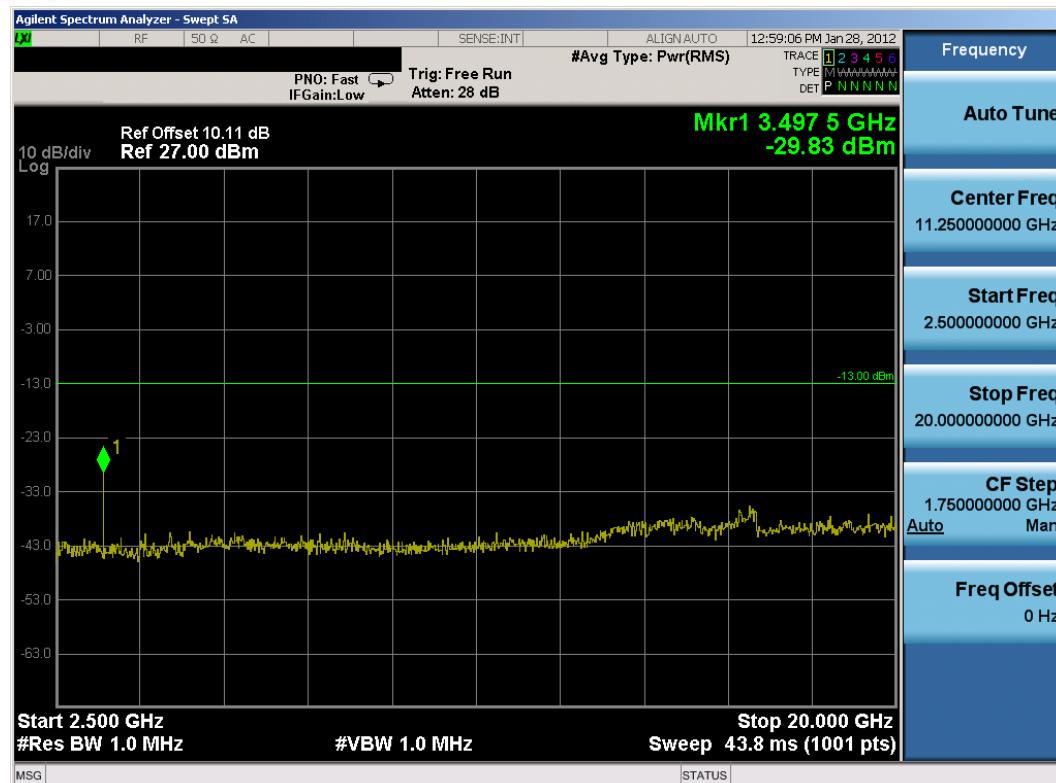


Plot 7-213. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – Mid Channel)

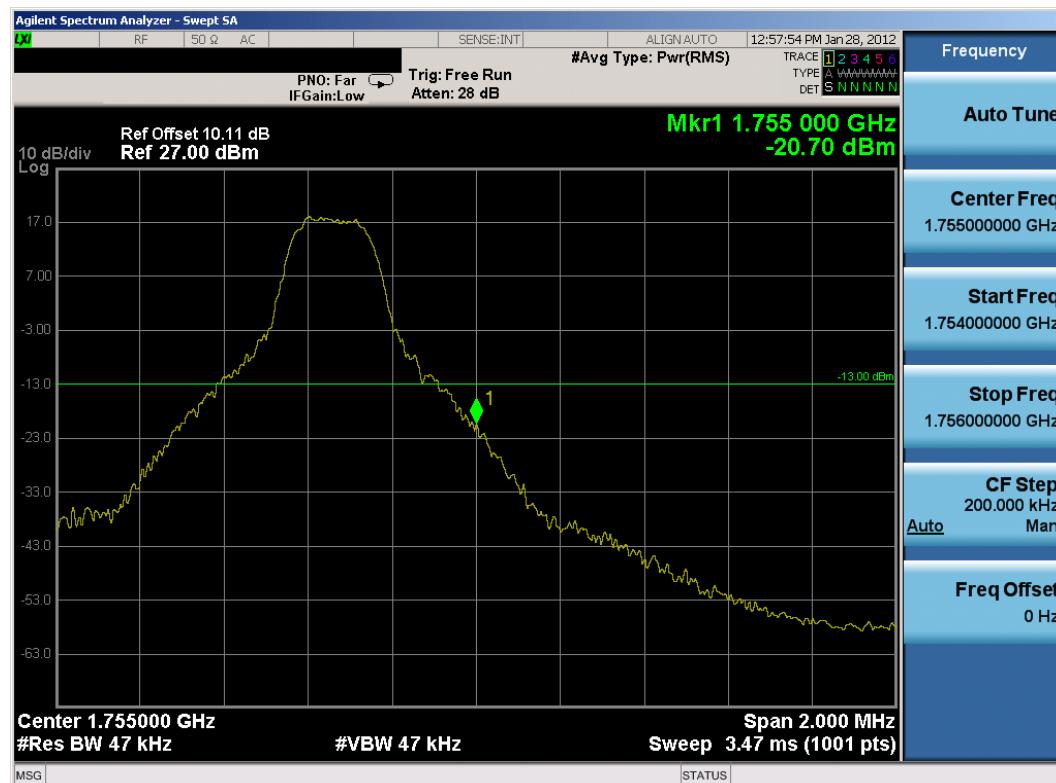


Plot 7-214. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – High Channel)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 147 of 167

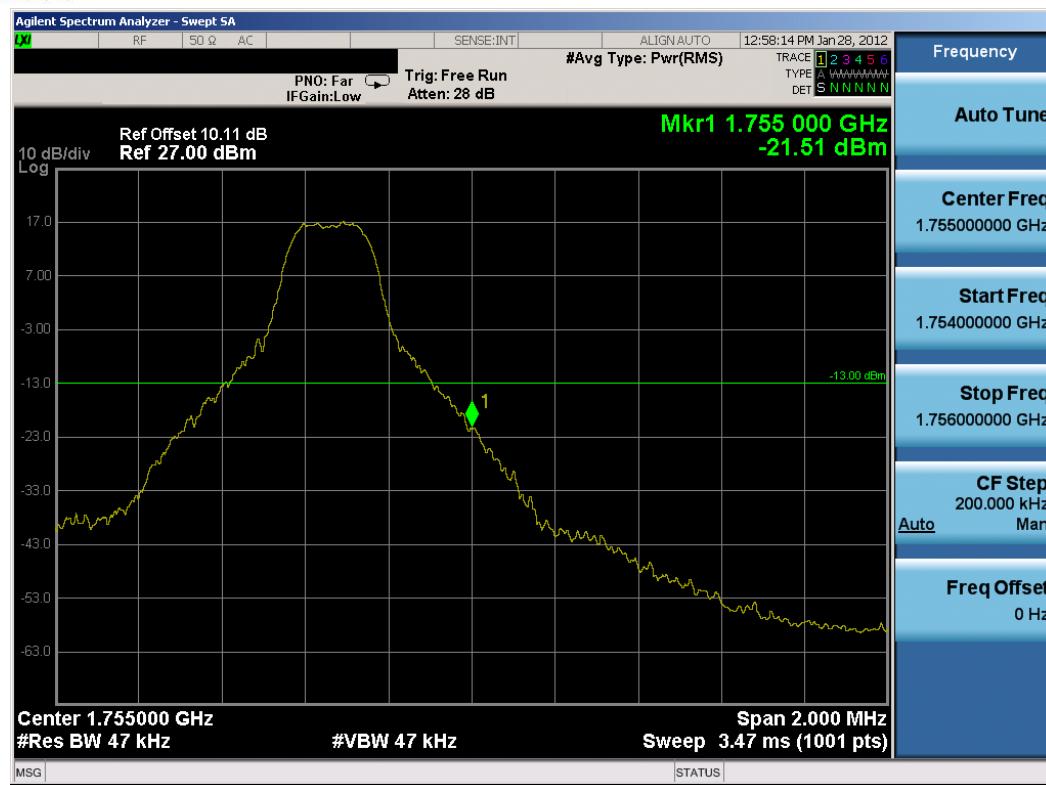


Plot 7-215. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 24 – High Channel)

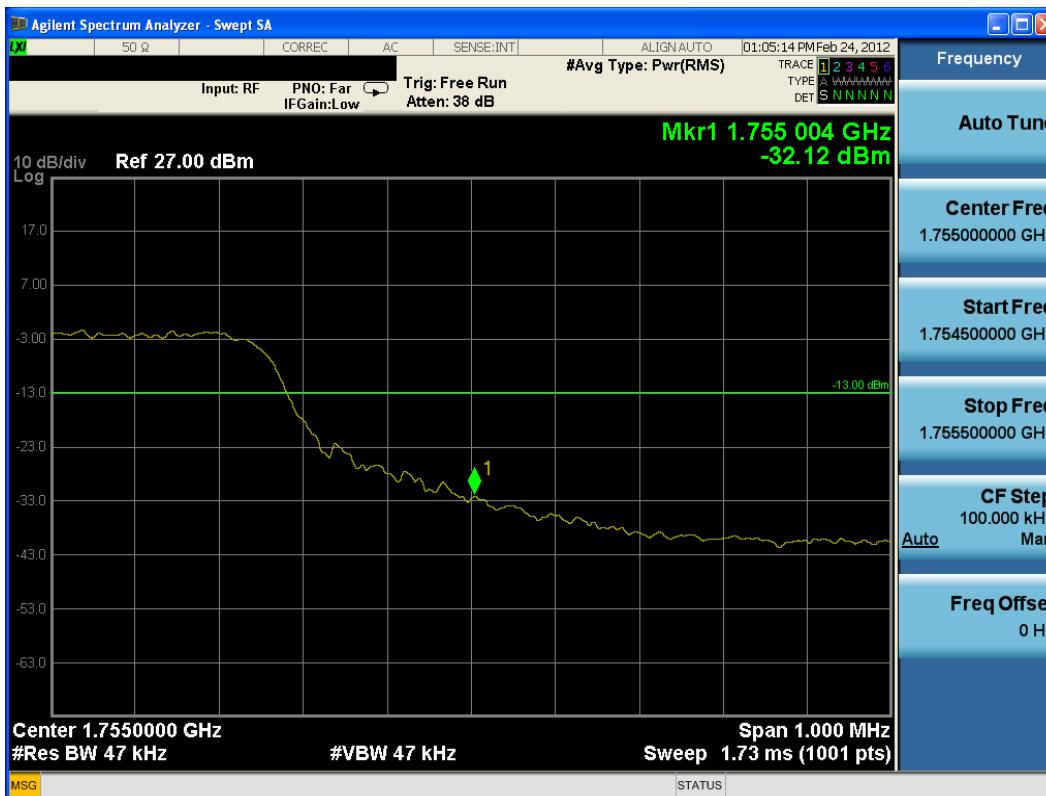


Plot 7-216. Upper Band Edge Plot (QPSK – RB Size 1, Offset 24)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 148 of 167

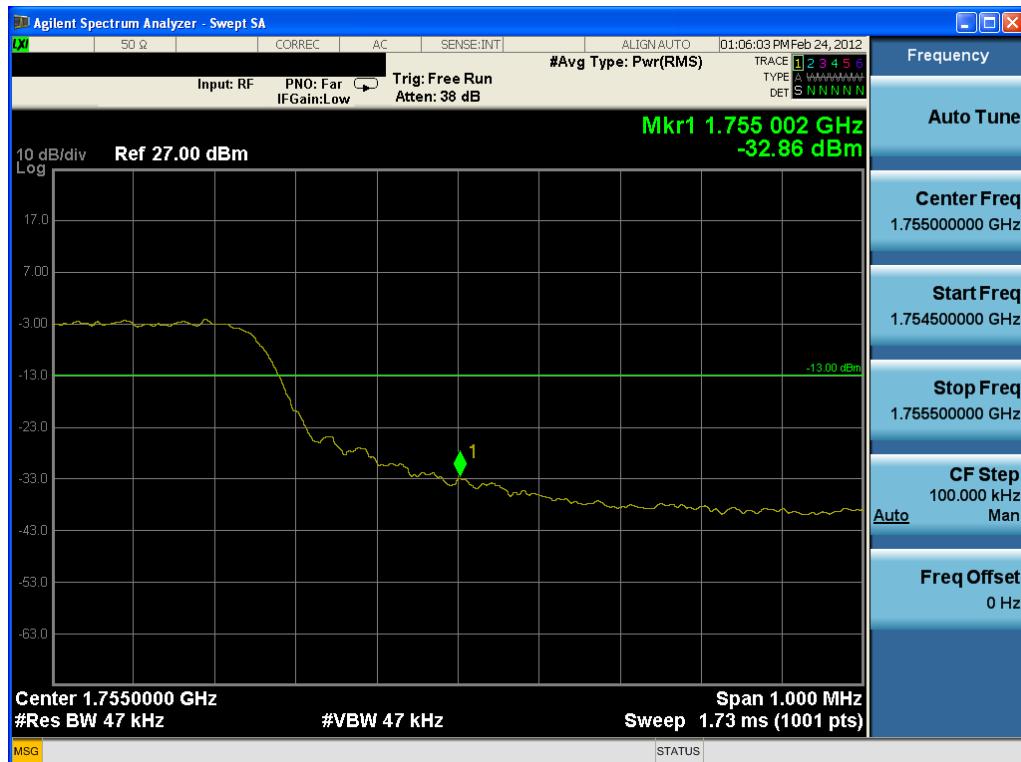


Plot 7-217. Upper Band Edge Plot (16-QAM – RB Size 1, Offset 24)

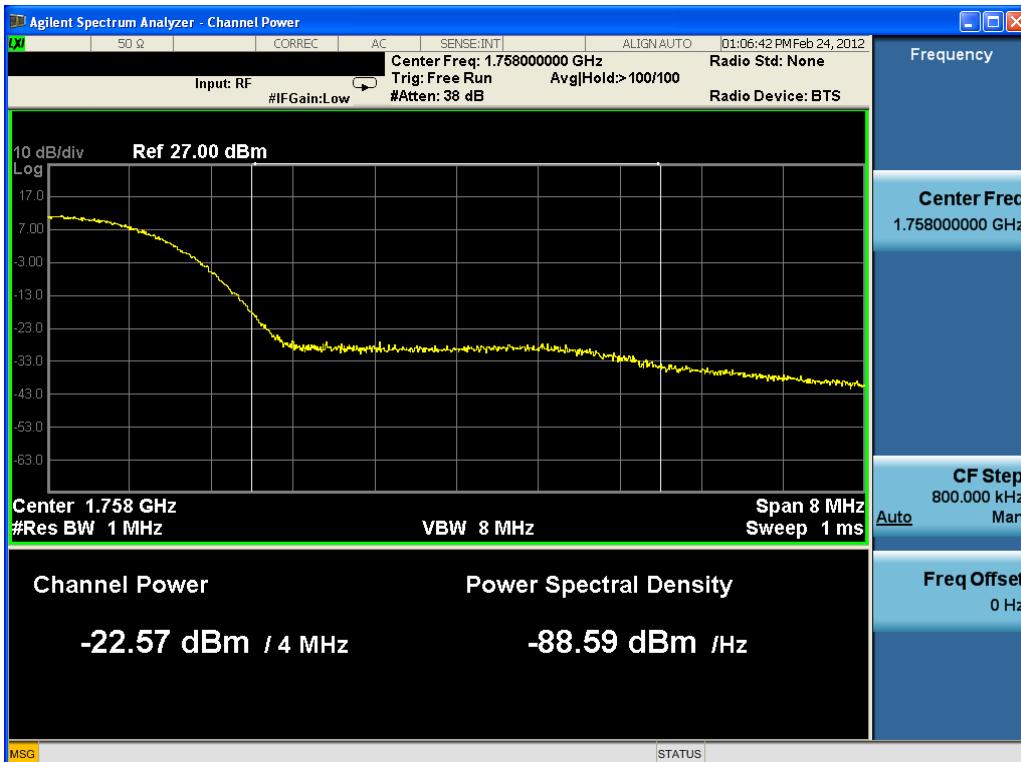


Plot 7-218. Upper Band Edge Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 149 of 167

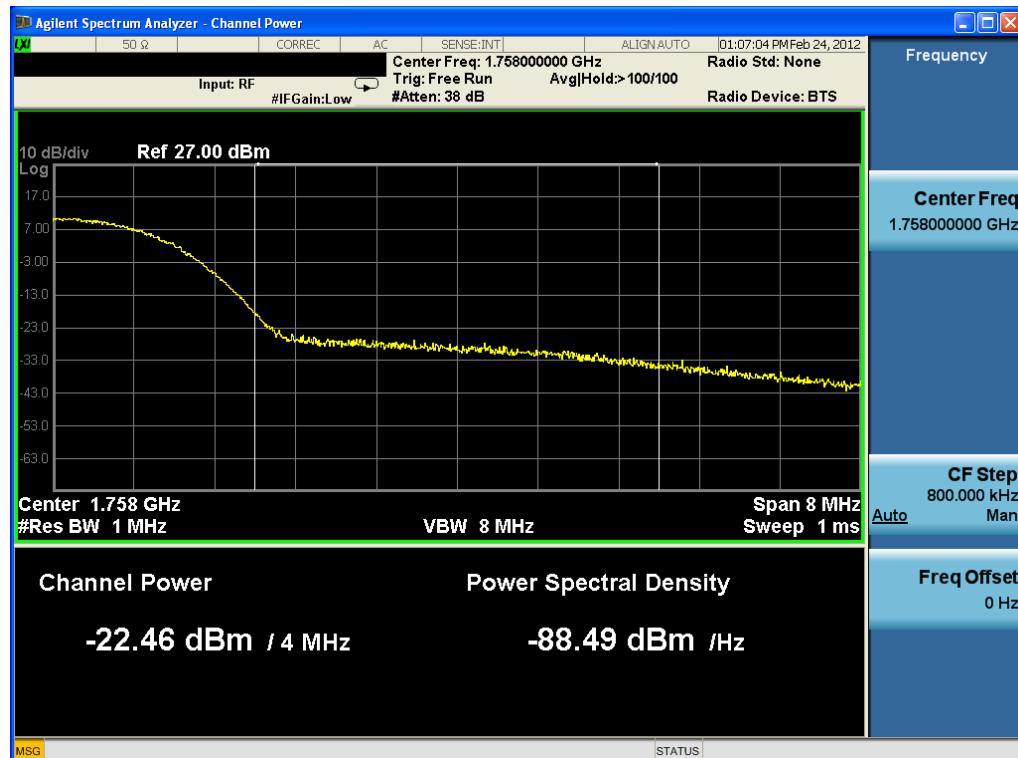


Plot 7-219. Upper Band Edge Plot (16-QAM – RB Size 25)

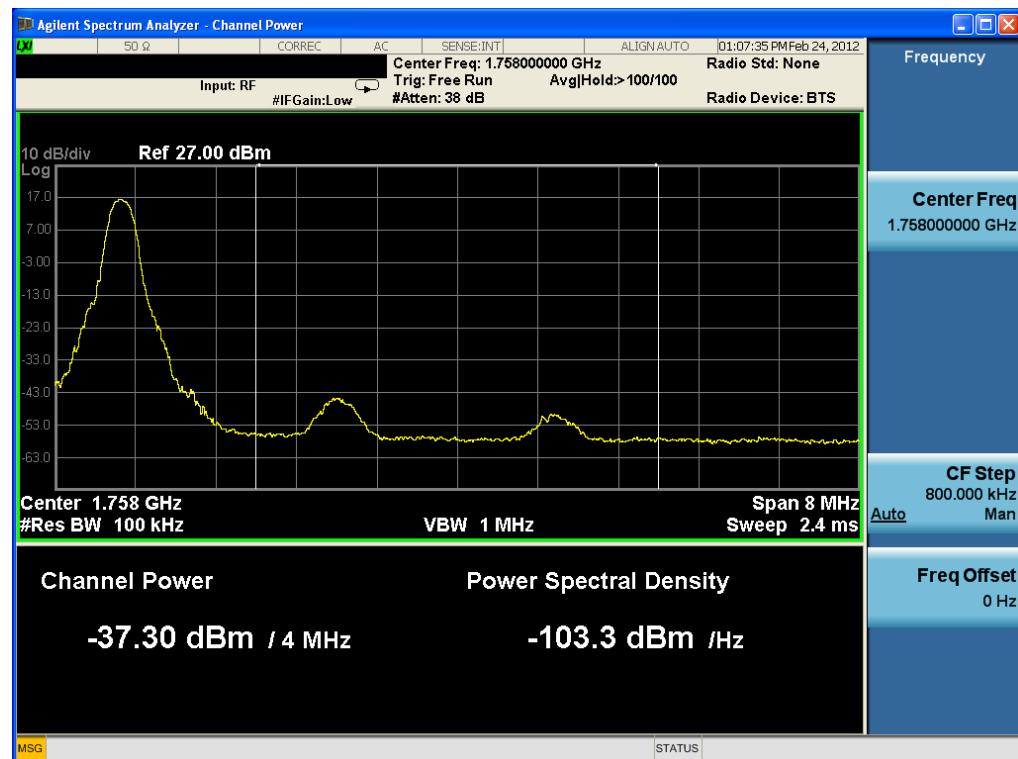


Plot 7-220. Upper Emission Mask (1756-1760 MHz) Plot (QPSK – RB Size 25)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 150 of 167

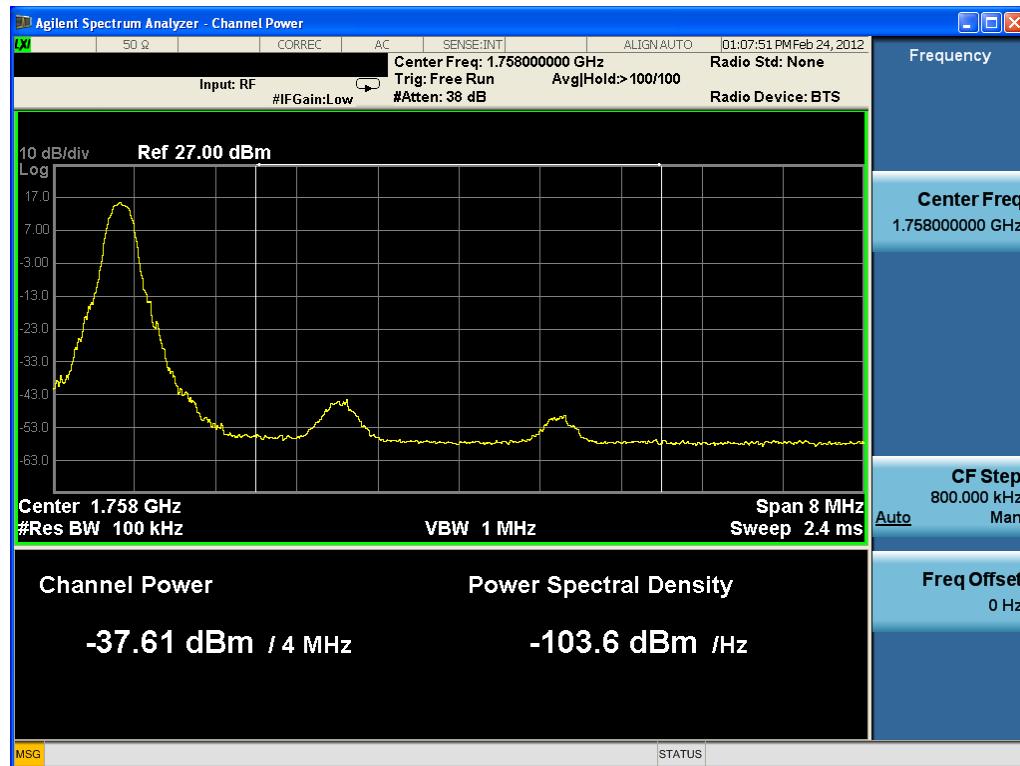


Plot 7-221. Upper Emission Mask (1756-1760 MHz) Plot (16-QAM – RB Size 25)



Plot 7-222. Upper Emission Mask (1756-1760 MHz) Plot (QPSK – RB Size 1, Offset 24)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 151 of 167



Plot 7-223. Upper Emission Mask (1756-1760 MHz) Plot (16-QAM – RB Size 1, Offset 24)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 152 of 167

BAND 4 – 10 MHZ BW

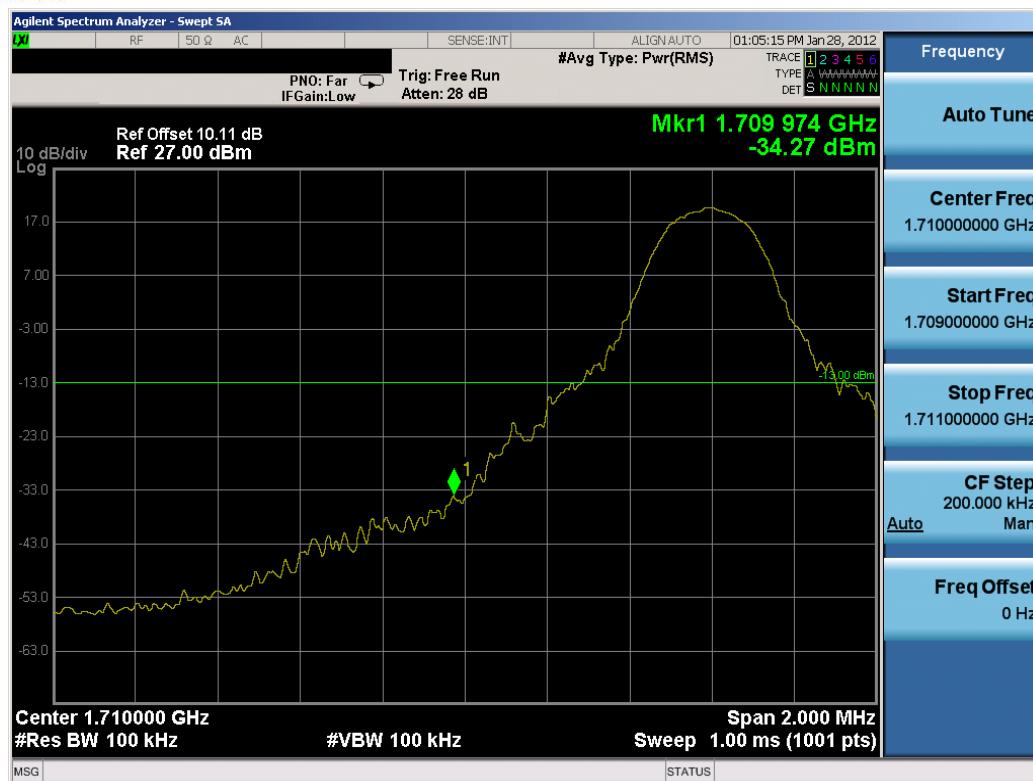
Note: Upper and Lower Band Edge plots more than 1MHz removed from the licensee's frequency block require emissions to be attenuated below the carrier by $43+10\log(P)$ where $RBW \geq 1\text{MHz}$. In the following Band edge plots with RB size = 1, RBW = 100kHz was employed and a BWCF ($10^{\log(1\text{MHz}/100\text{kHz})} = 10 \text{ dB}$) was applied to the worst case emissions. In the Table below, it was observed that the powers are attenuated below the prescribed limit.

			Power (dbm)				
	BE	BW (MHz)	RBW = 100kHz	BWCF	RBW = 1MHz	Limit	Margin
QPSK	Low	10	-38.1	10	-28.1	-13	15.1
16QAM	Low	10	-39.02	10	-29.02	-13	16.02
QPSK	High	10	-39.1	10	-29.1	-13	16.1
16QAM	High	10	-39.14	10	-29.14	-13	16.14



Plot 7-224. Lower Band Edge Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 153 of 167

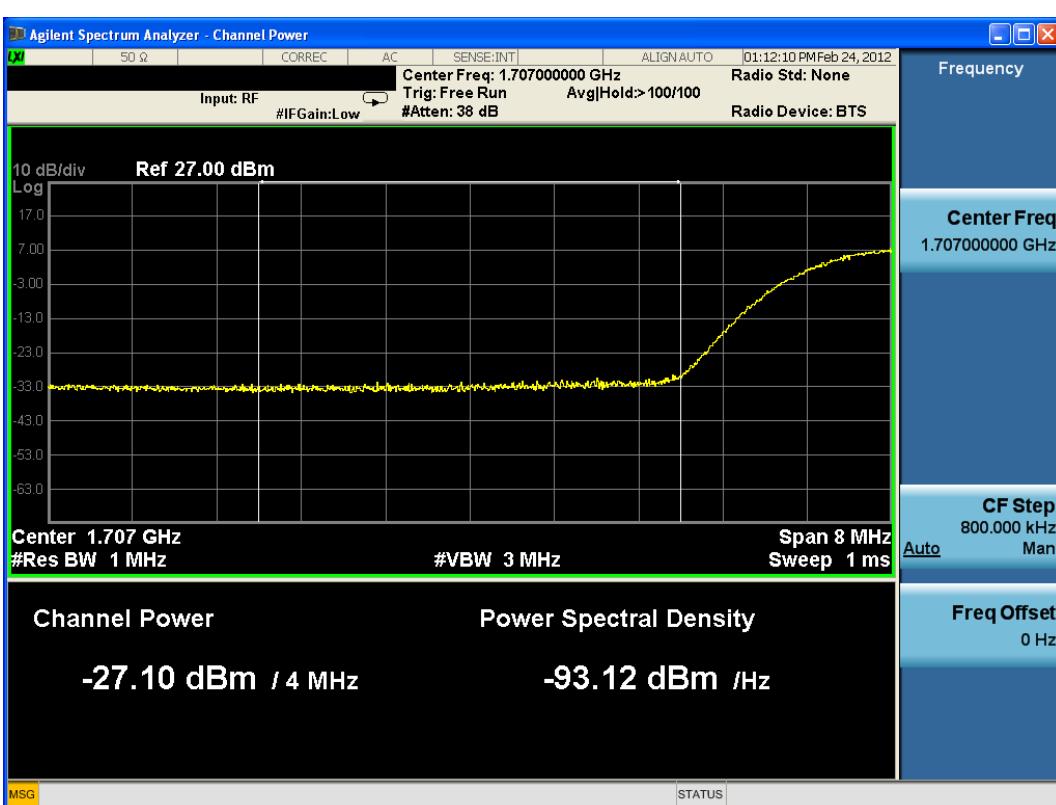


Plot 7-225. Lower Band Edge Plot (16-QAM – RB Size 1, Offset 0)



Plot 7-226. Lower Band Edge Plot (QPSK – RB Size 50)

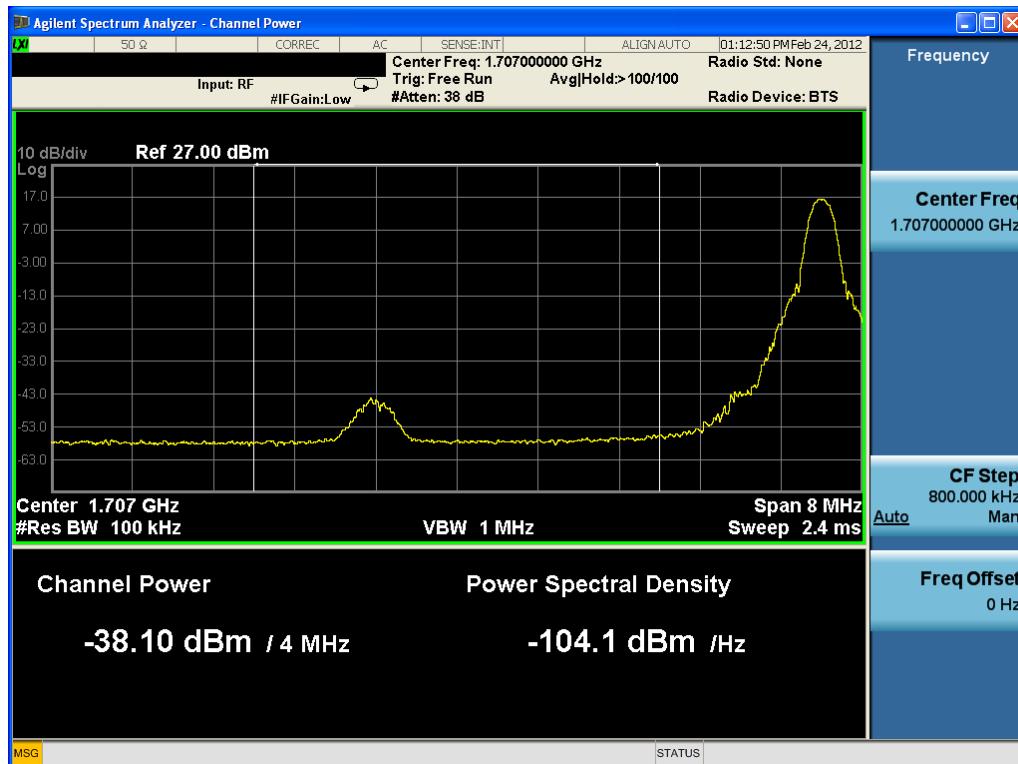
FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 154 of 167



FCC ID: A3LSCHLC11R	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)	Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router	Page 155 of 167

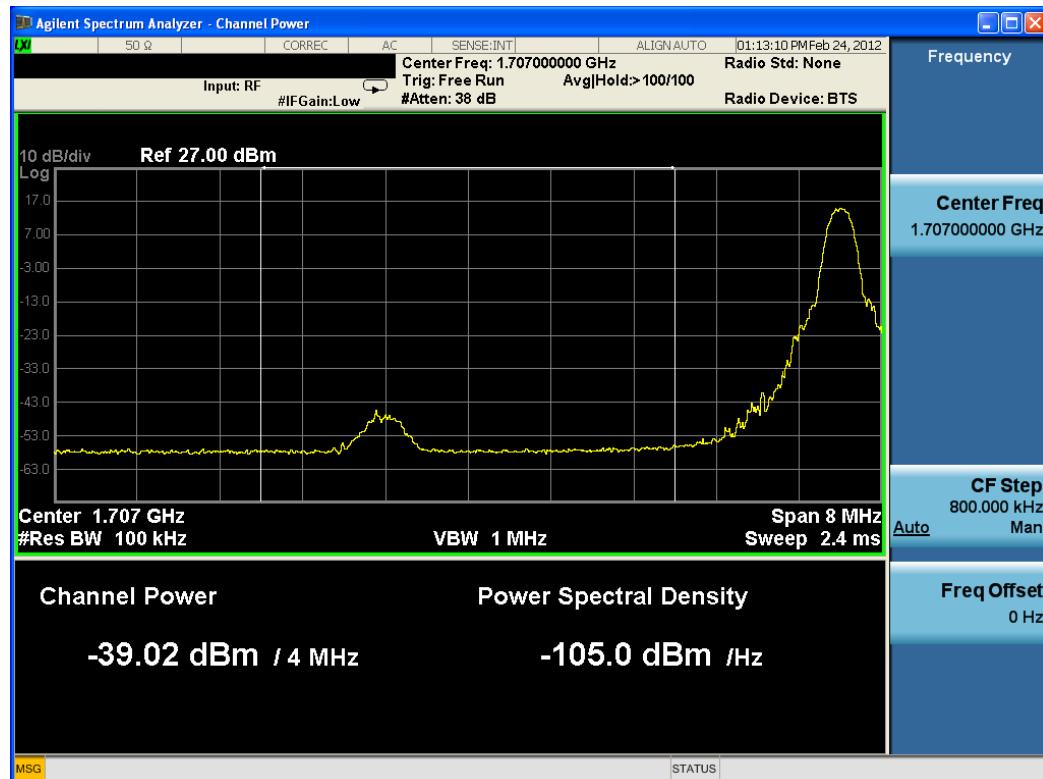


Plot 7-229. Lower Emission Mask (1705-1709 MHz) Plot (16-QAM – RB Size 50)

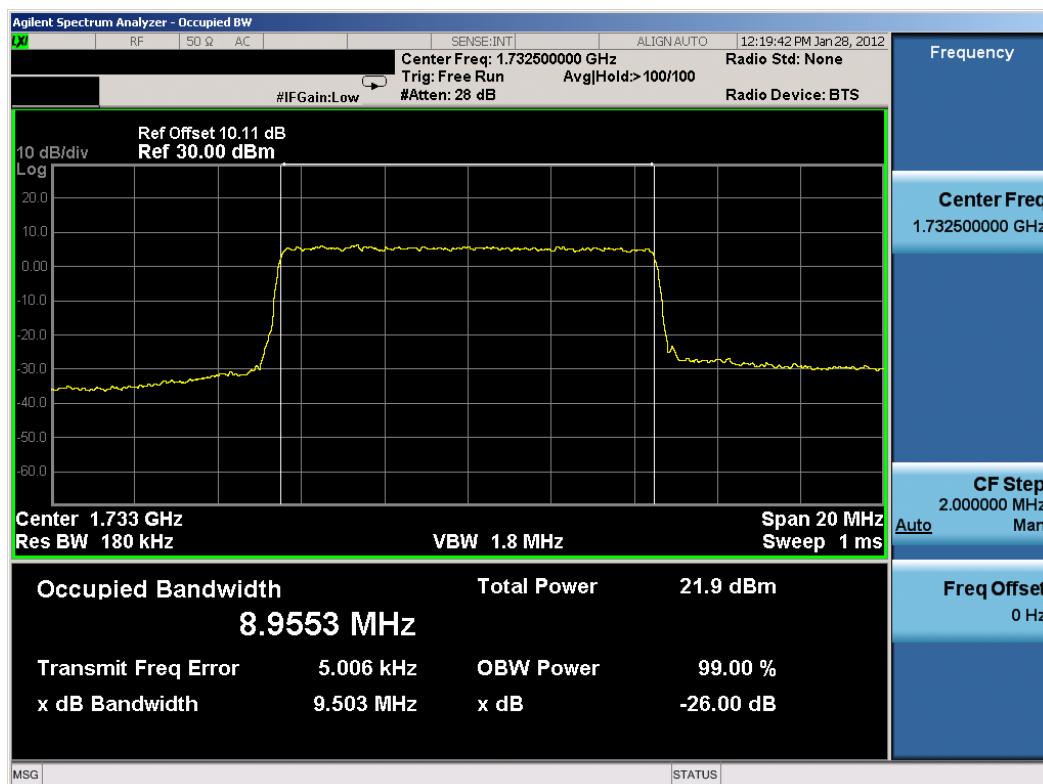


Plot 7-230. Lower Emission Mask (1705-1709 MHz) Plot (QPSK – RB Size 1, Offset 0)

FCC ID: A3LSCHLC11R	 FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 156 of 167

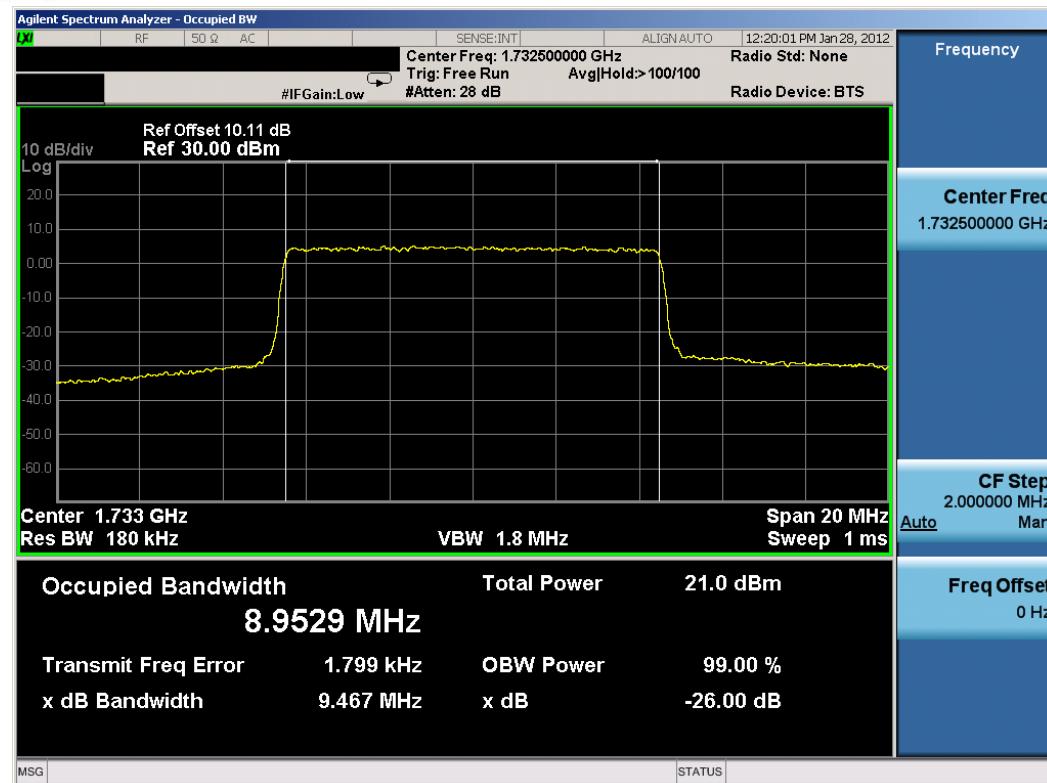


Plot 7-231. Lower Emission Mask (1705-1709 MHz) Plot (16-QAM – RB Size 1, Offset 0)

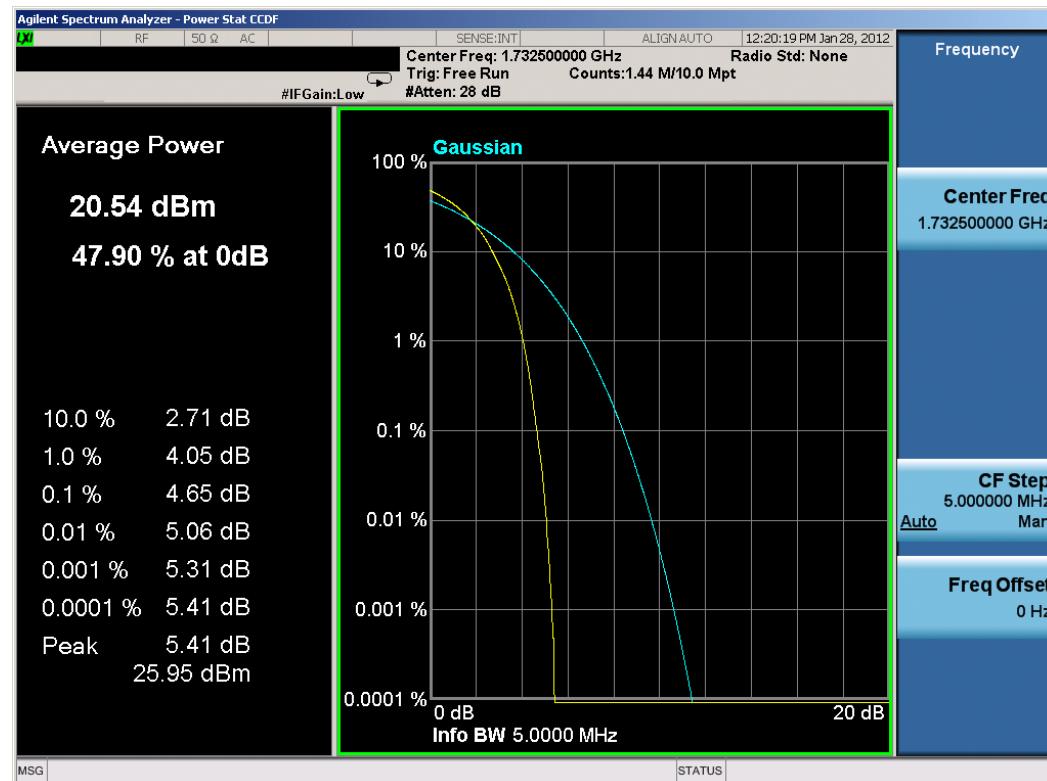


Plot 7-232. Occupied Bandwidth Plot (QPSK – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 157 of 167

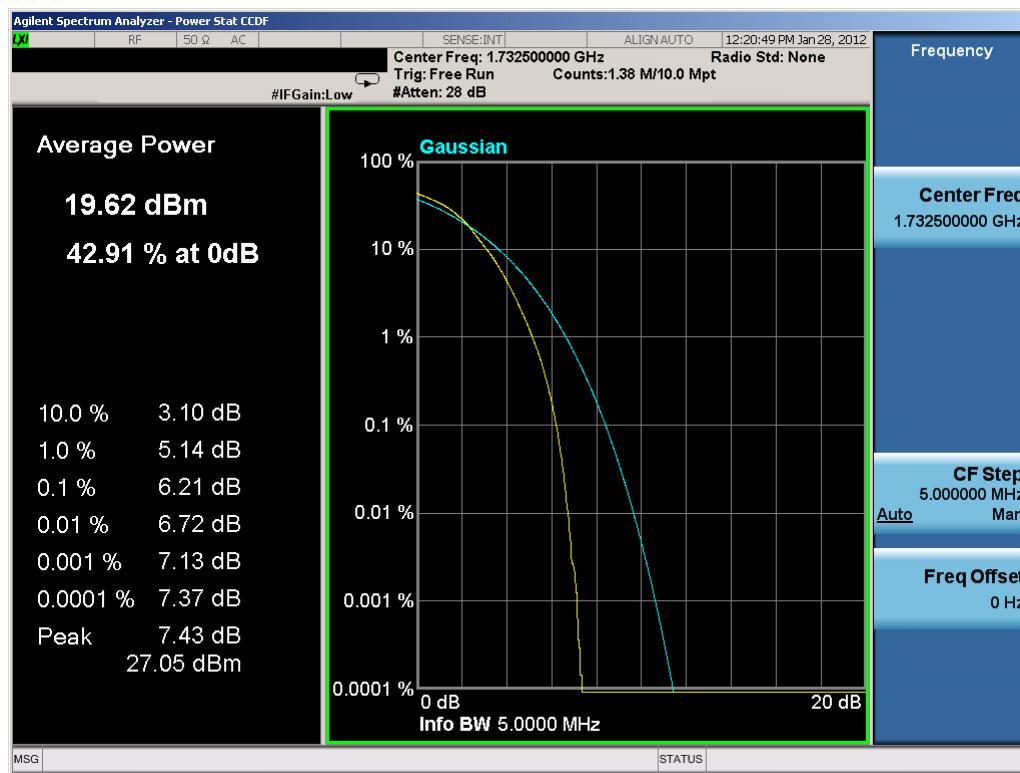


Plot 7-233. Occupied Bandwidth Plot (16-QAM – RB Size 50)

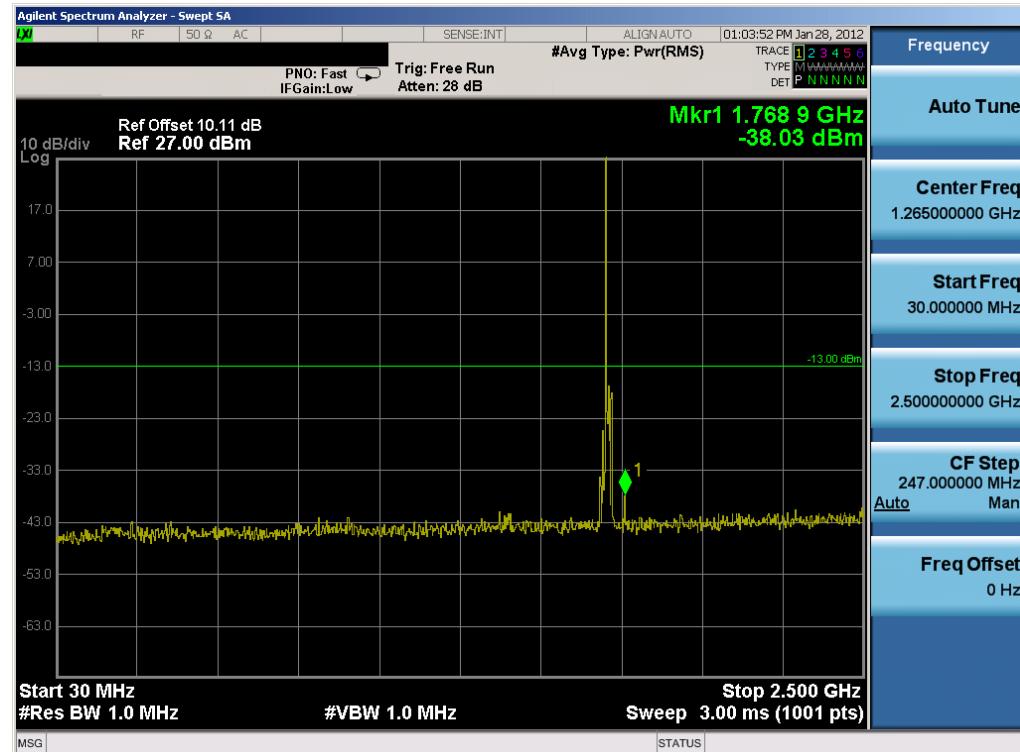


Plot 7-234. Peak to Average Ratio Plot (QPSK – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 158 of 167

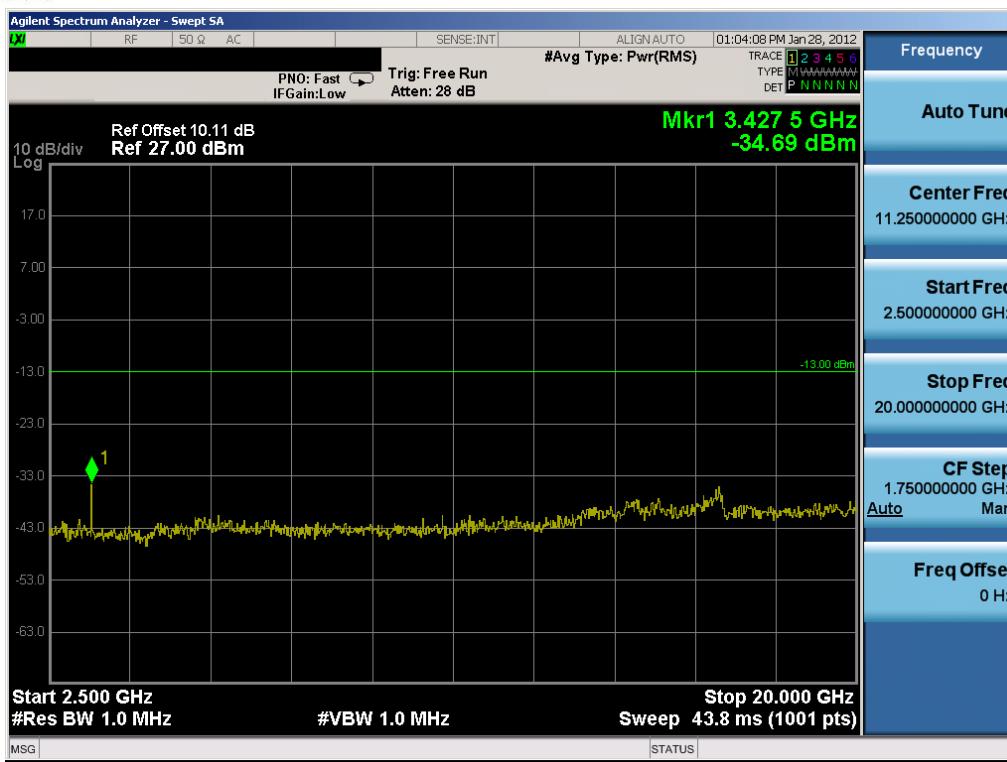


Plot 7-235. Peak to Average Ratio Plot (16QAM – RB Size 50)

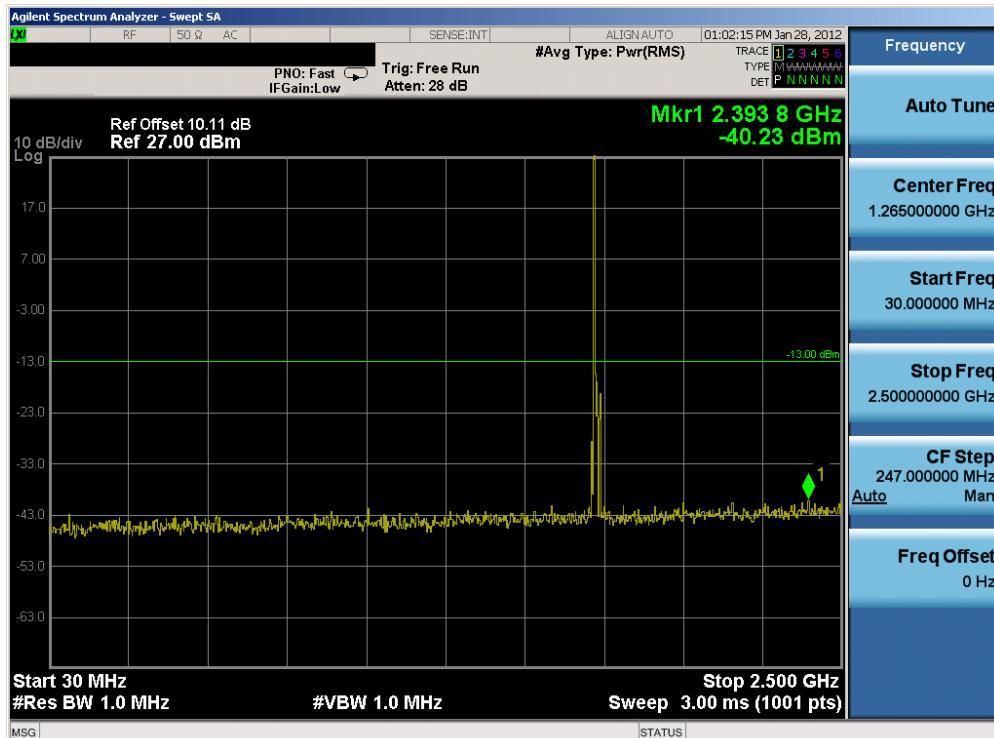


Plot 7-236. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 159 of 167

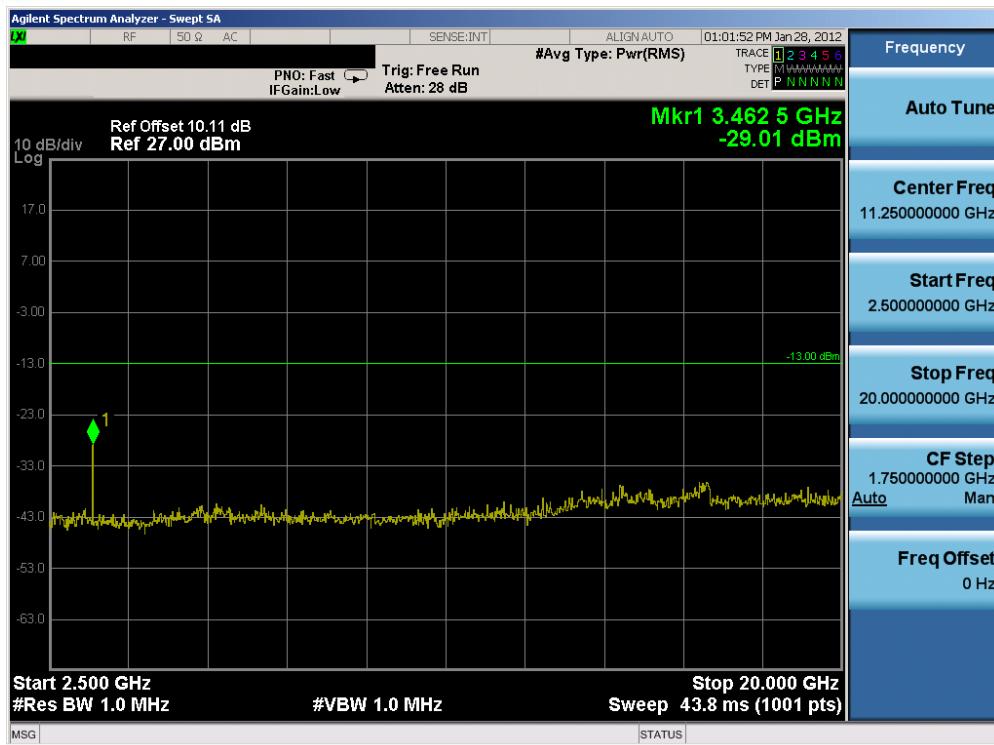


Plot 7-237. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Low Channel)

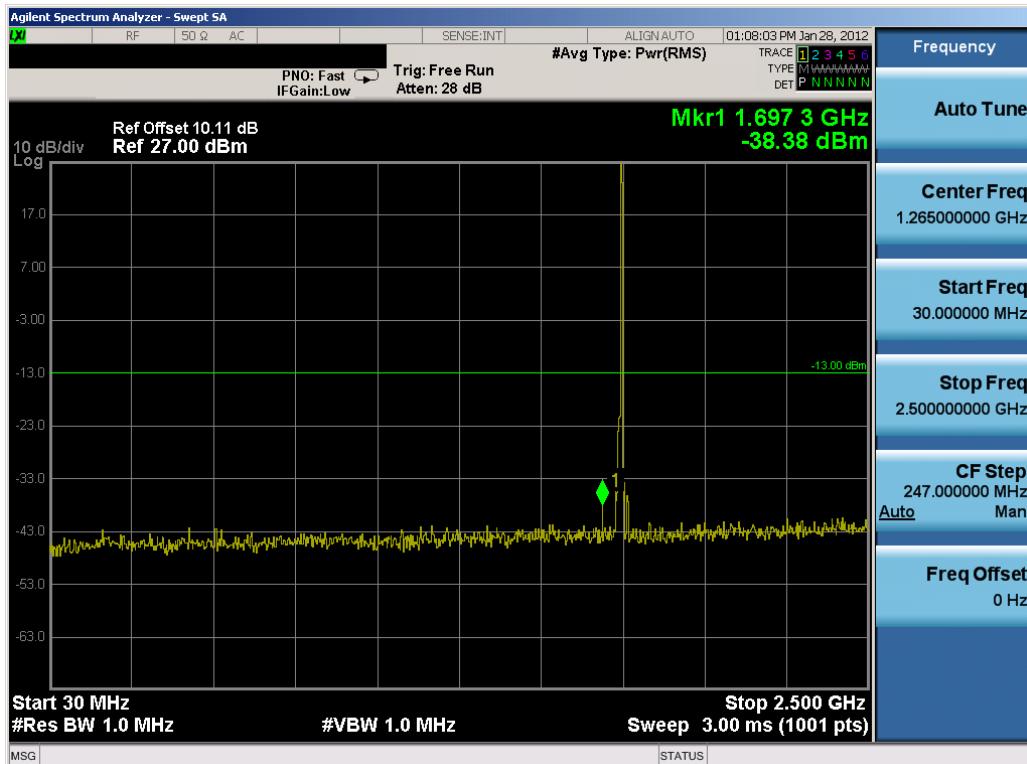


Plot 7-238. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 160 of 167

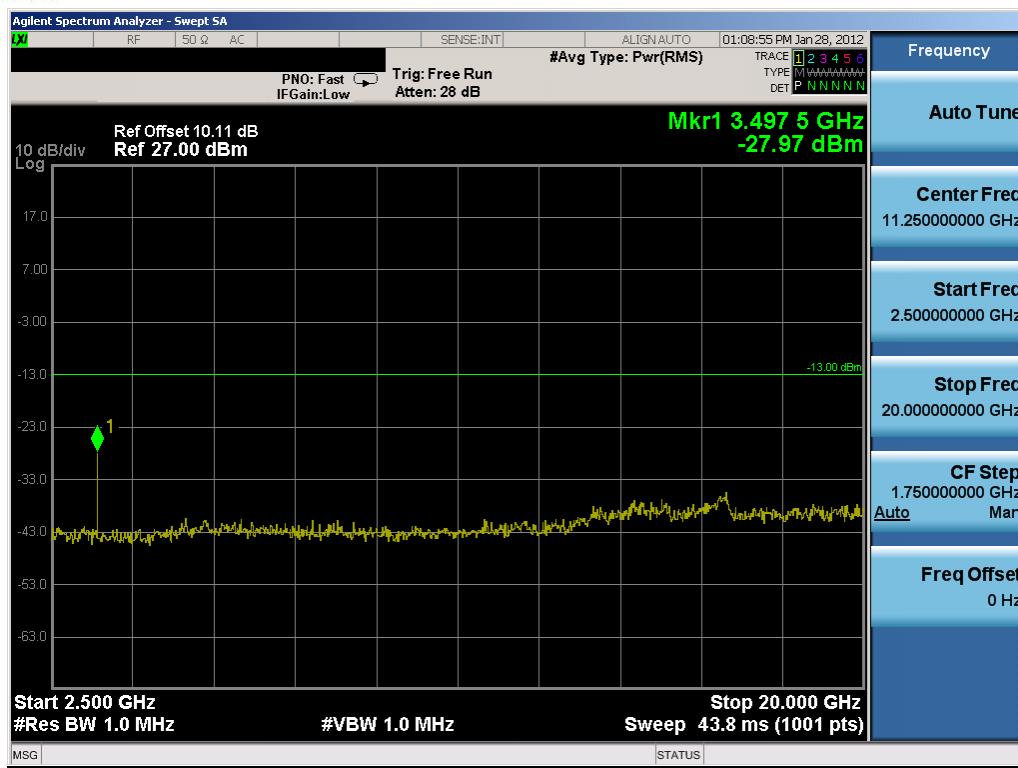


Plot 7-239. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – Mid Channel)

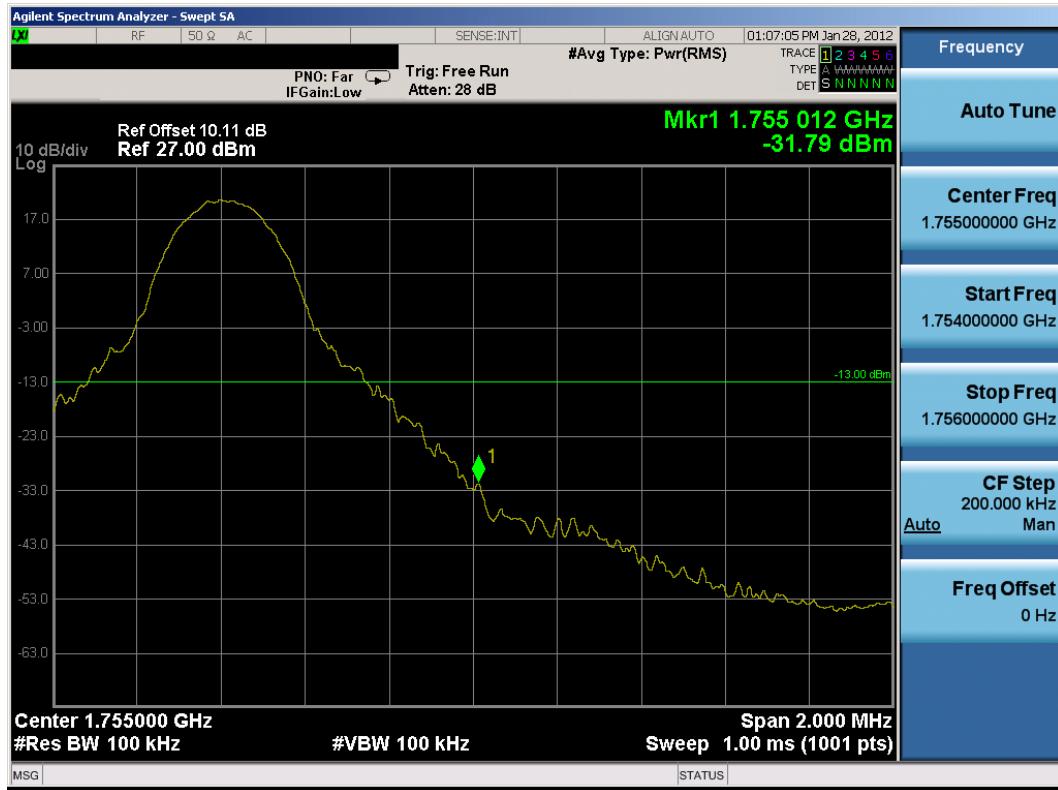


Plot 7-240. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 161 of 167

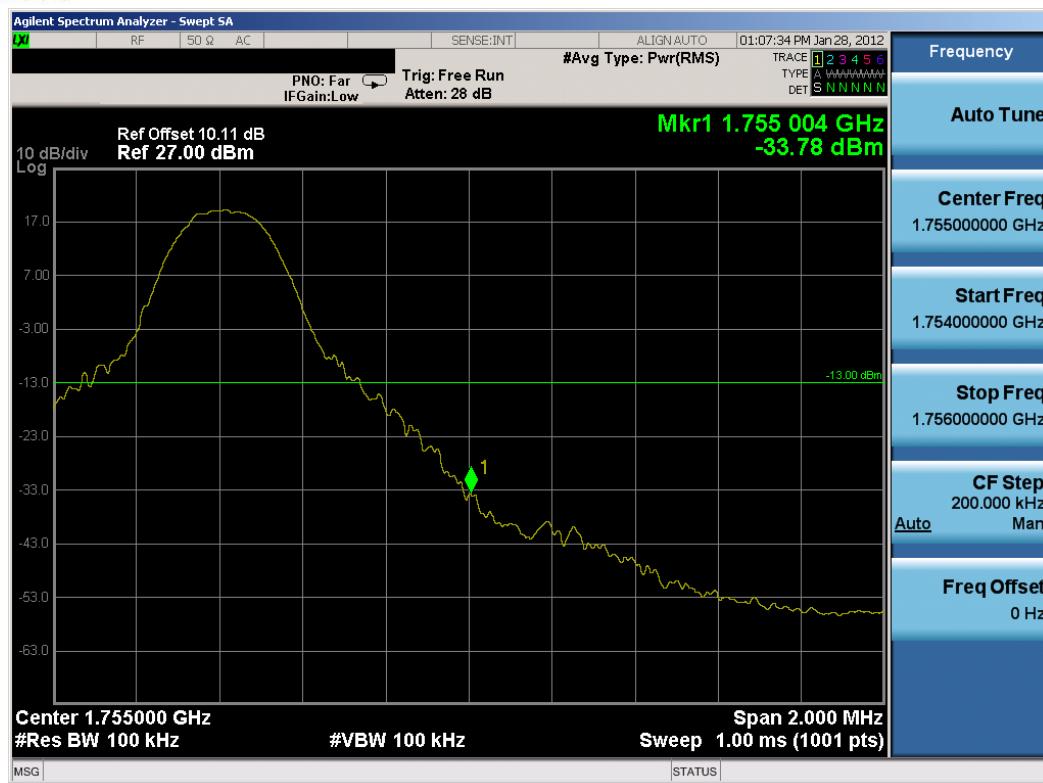


Plot 7-241. Conducted Spurious Plot (QPSK – RB Size 1, RB Offset 0 – High Channel)

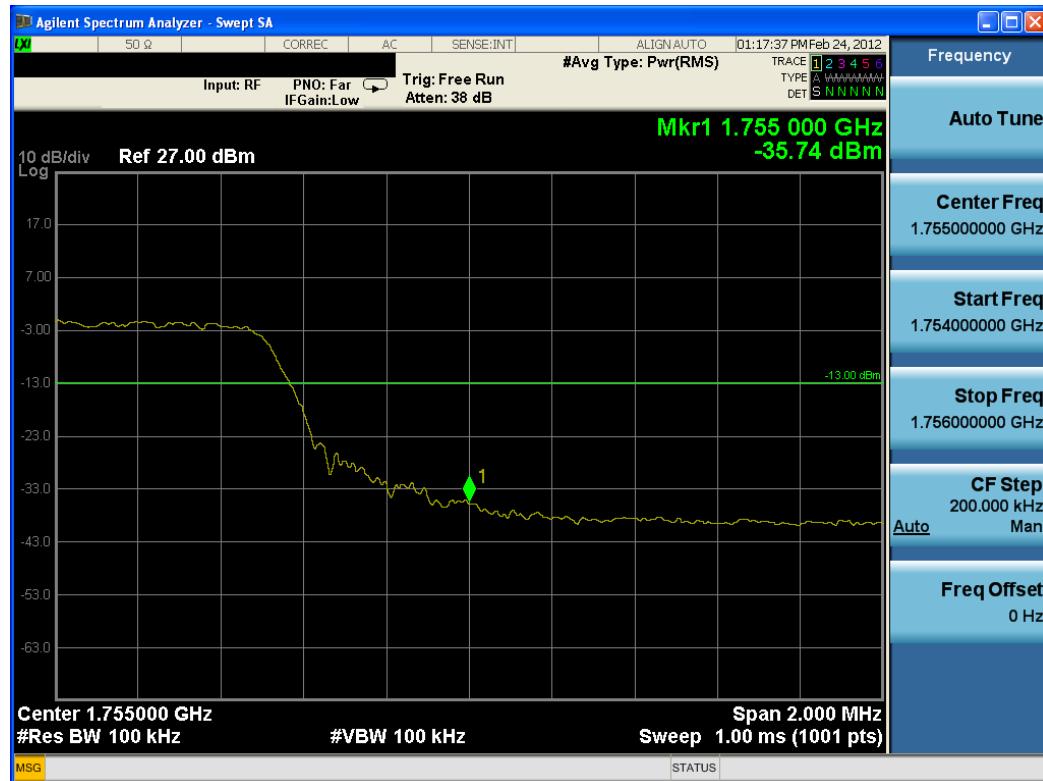


Plot 7-242. Upper Band Edge Plot (QPSK – RB Size 1, Offset 49)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 162 of 167

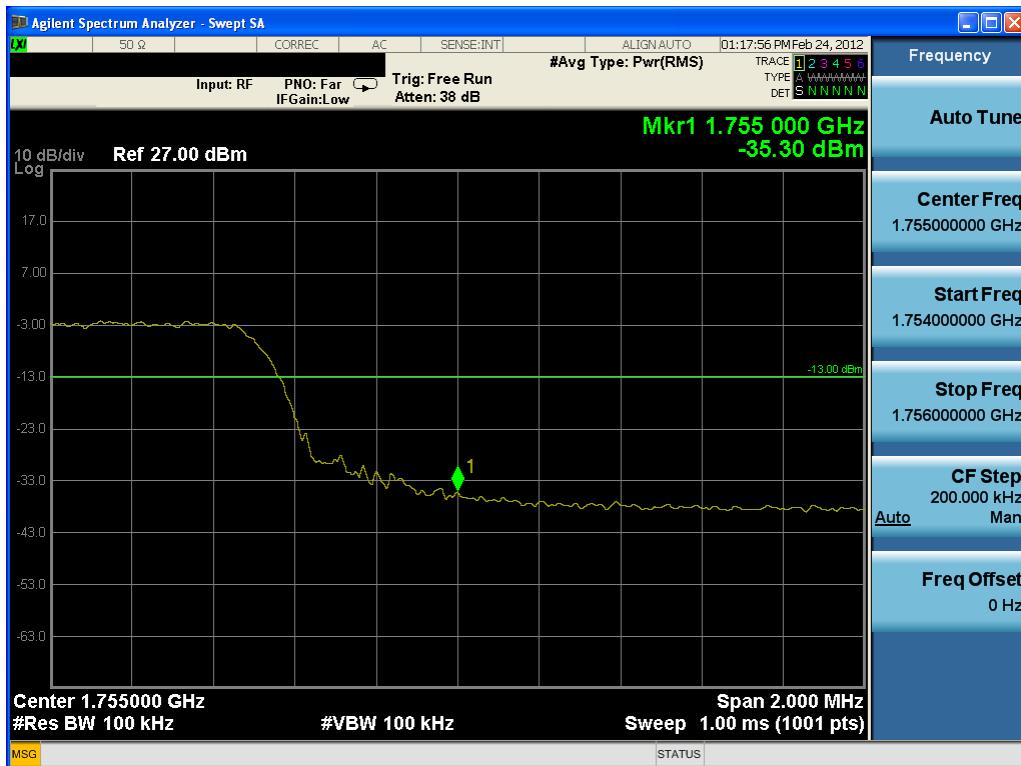


Plot 7-243. Upper Band Edge Plot (16-QAM – RB Size 1, Offset 49)

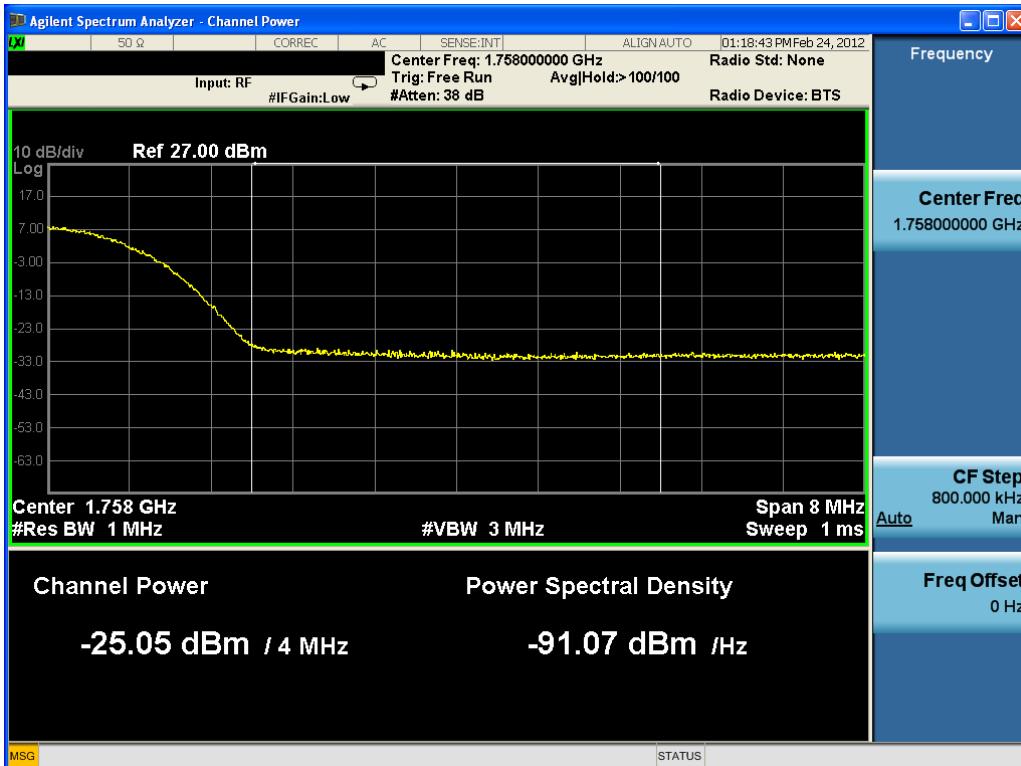


Plot 7-244. Upper Band Edge Plot (QPSK – RB Size 50)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 163 of 167

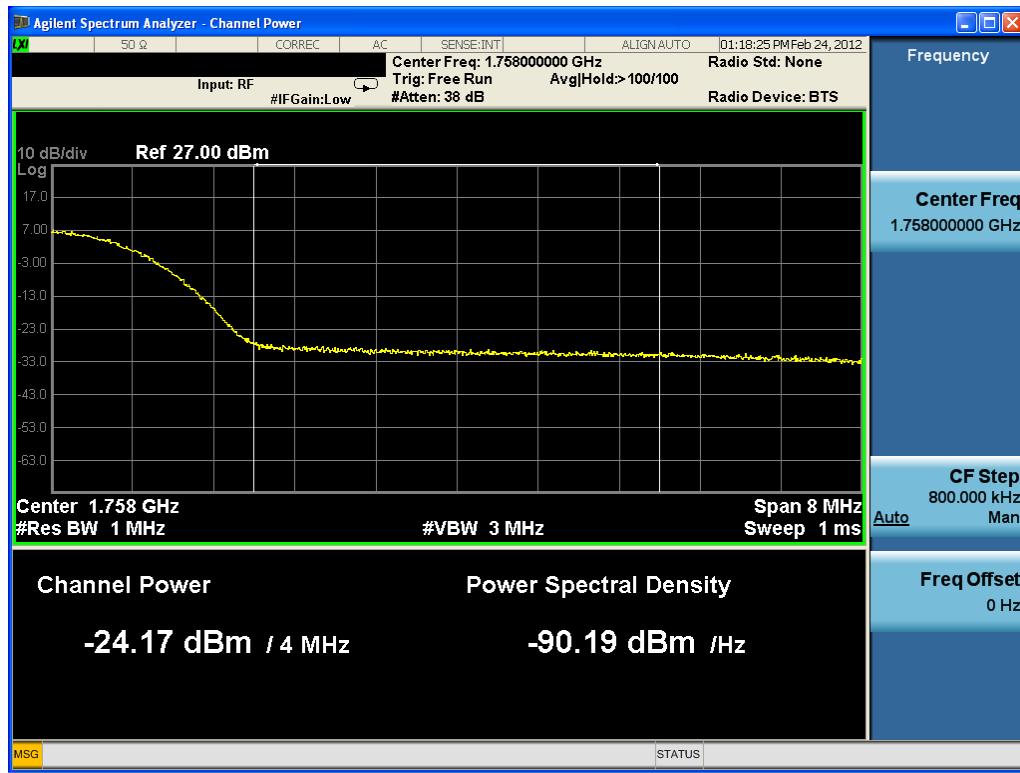


Plot 7-245. Upper Band Edge Plot (16-QAM – RB Size 50)

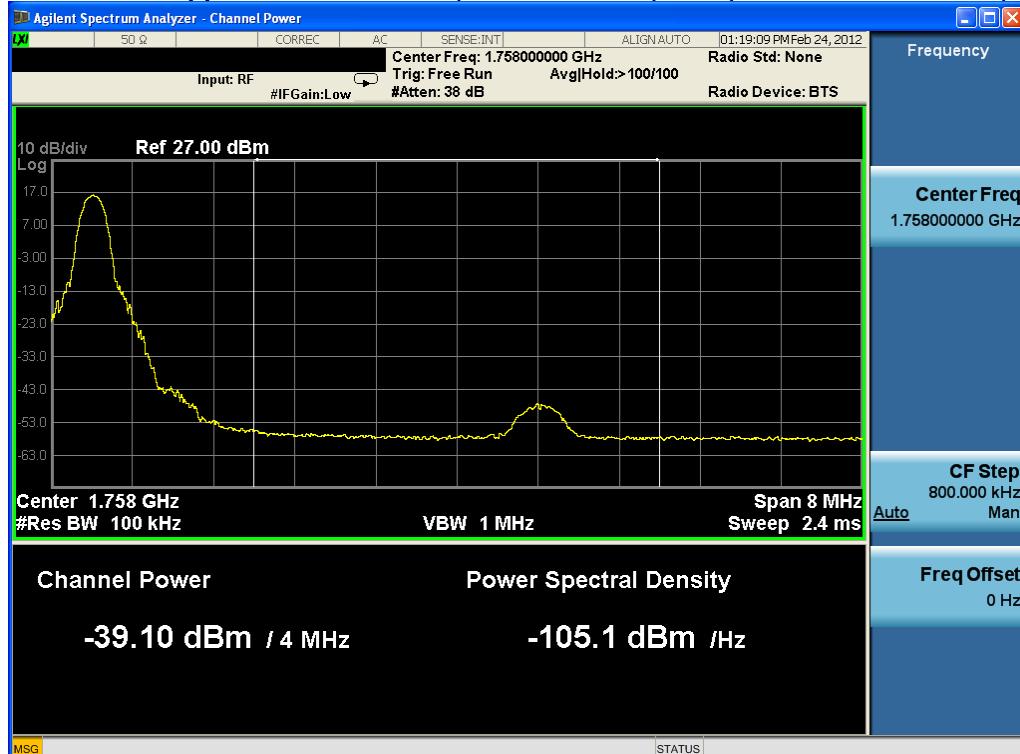


Plot 7-246. Upper Emission Mask (1756-1760 MHz) Plot (QPSK – RB Size 50)

FCC ID: A3LSCHLC11R	 PCTEST Engineering Laboratory, Inc.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)			Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router			Page 164 of 167

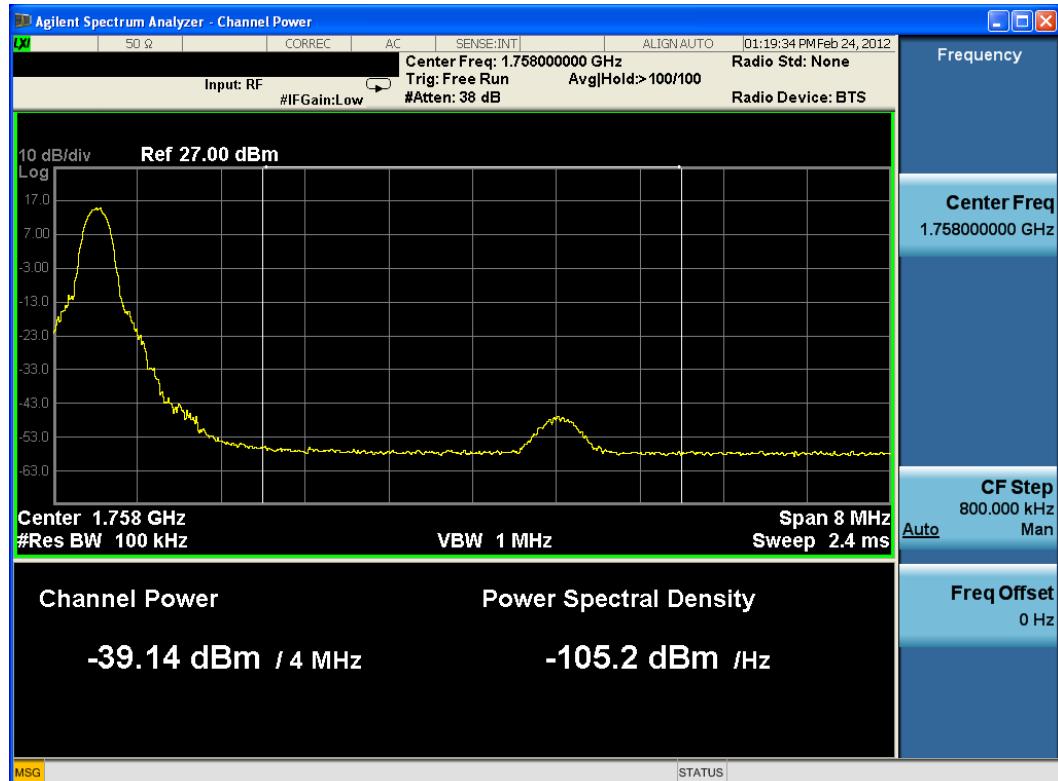


Plot 7-247. Upper Emission Mask (1756-1760 MHz) Plot (16-QAM – RB Size 50)



Plot 7-248. Upper Emission Mask (1756-1760 MHz) Plot (QPSK – RB Size 1, Offset 49)

FCC ID: A3LSCHLC11R		FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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Plot 7-249. Upper Emission Mask (1756-1760 MHz) Plot (16-QAM – RB Size 1, Offset 49)

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Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 166 of 167

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Wireless Router** FCC ID: **A3LSCHLC11R** complies with all the requirements of Parts 2, 22, 24 and 27 of the FCC rules for LTE operation only.

FCC ID: A3LSCHLC11R	 PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22-24-27 LTE MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0Y1201230105.A3L	Test Dates: Jan. 23-30, Feb. 23-29, 2012	EUT Type: Portable Wireless Router		Page 167 of 167