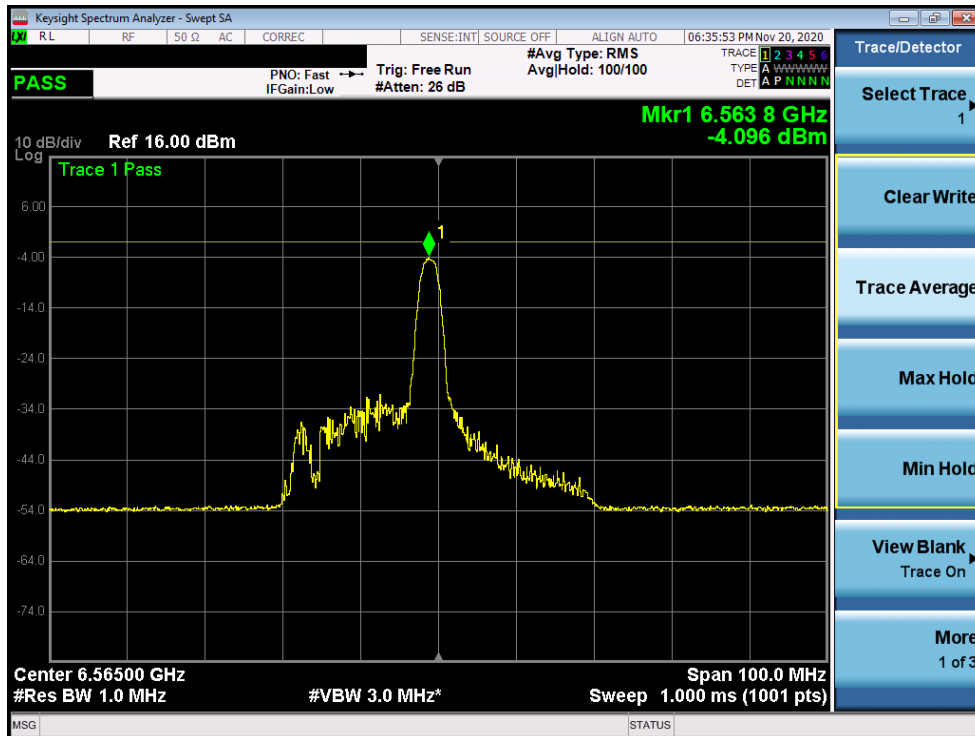
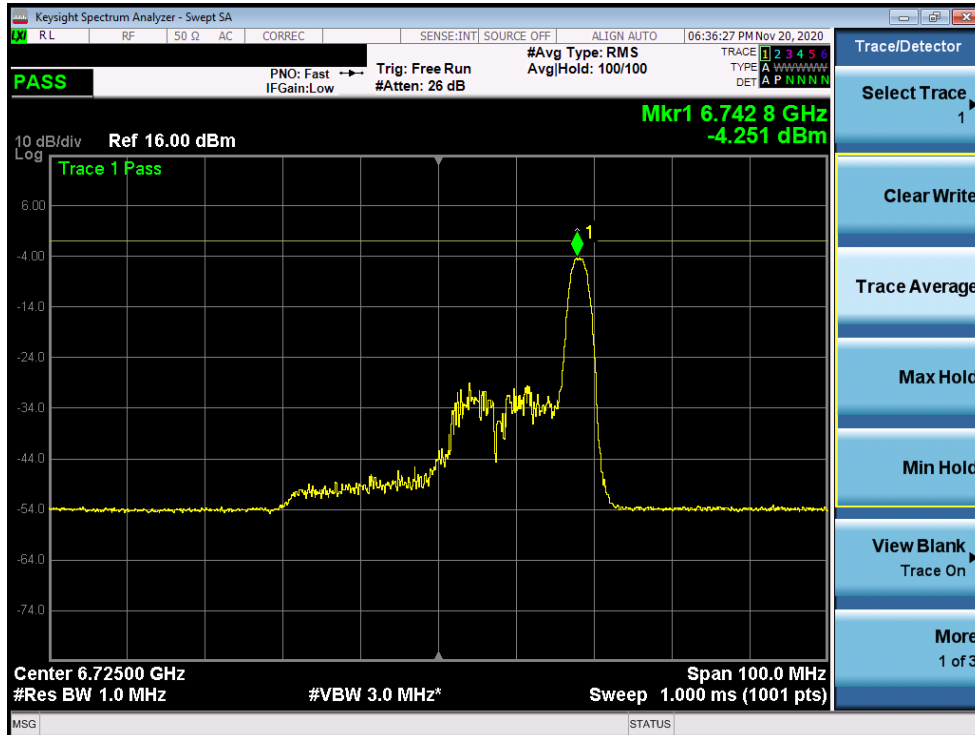


Plot 7-151. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 185)



Plot 7-152. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 123)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 110 of 276

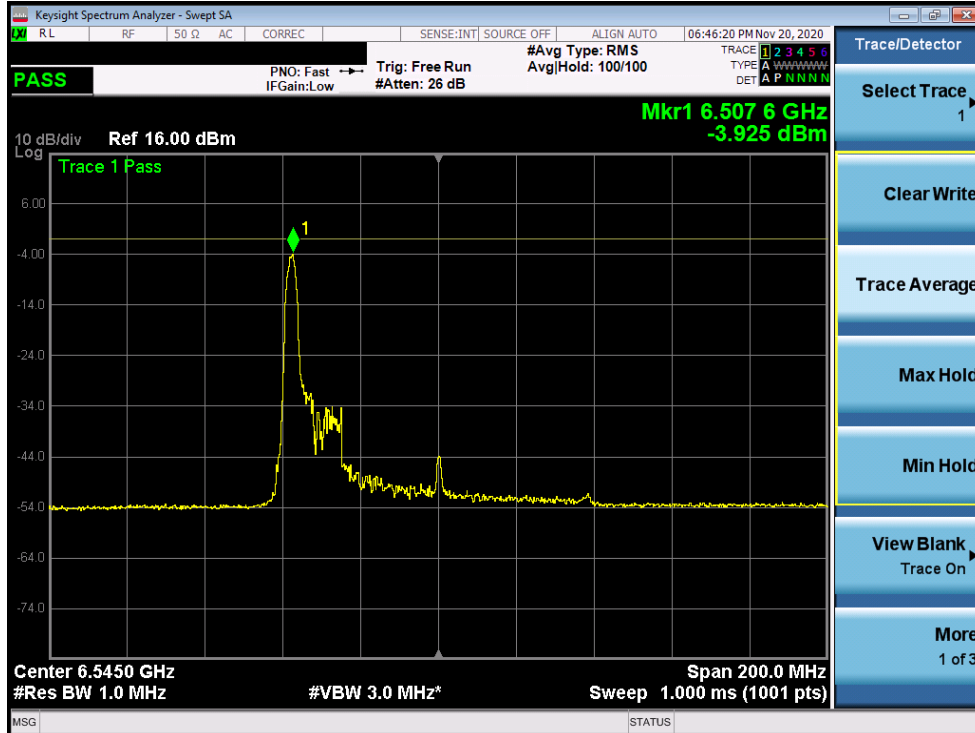


Plot 7-153. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 155)

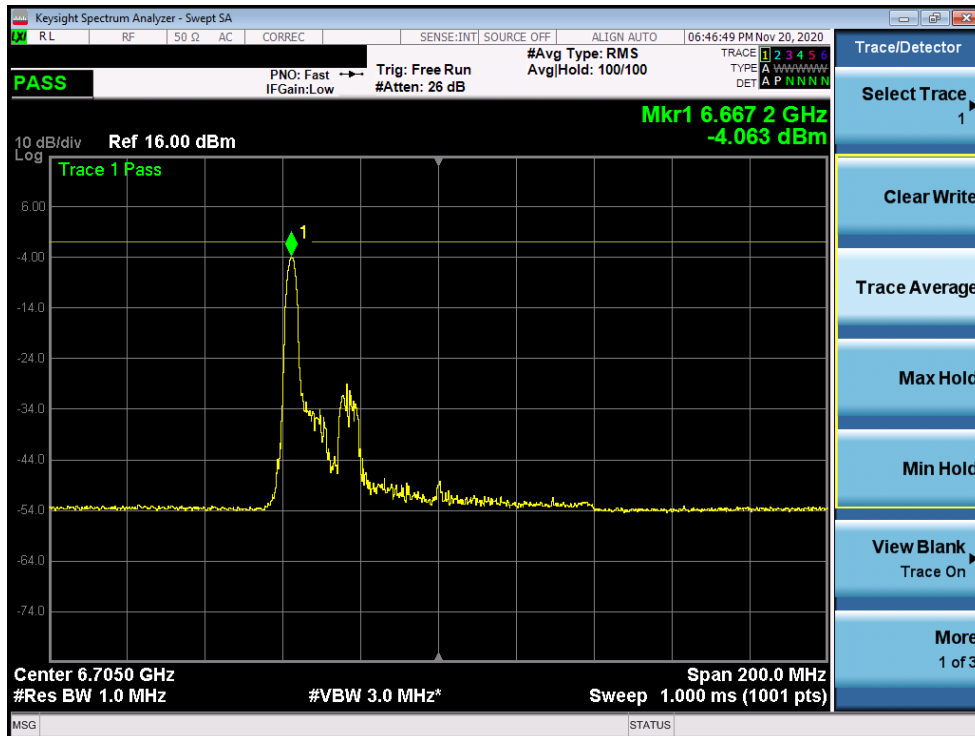


Plot 7-154. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 179)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 111 of 276

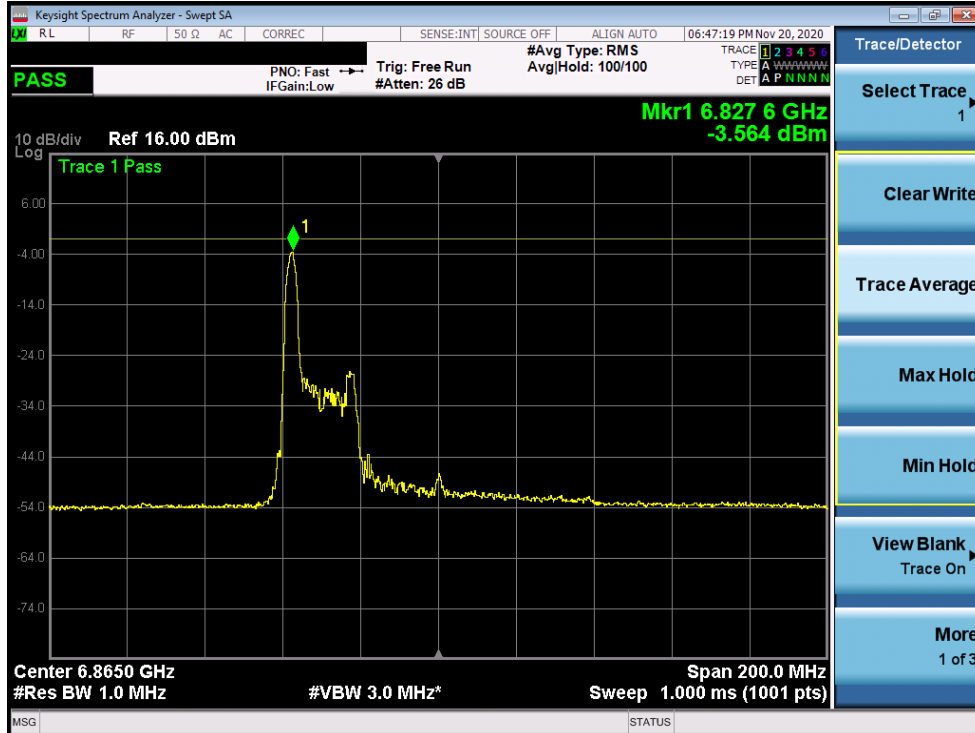


Plot 7-155. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 119)

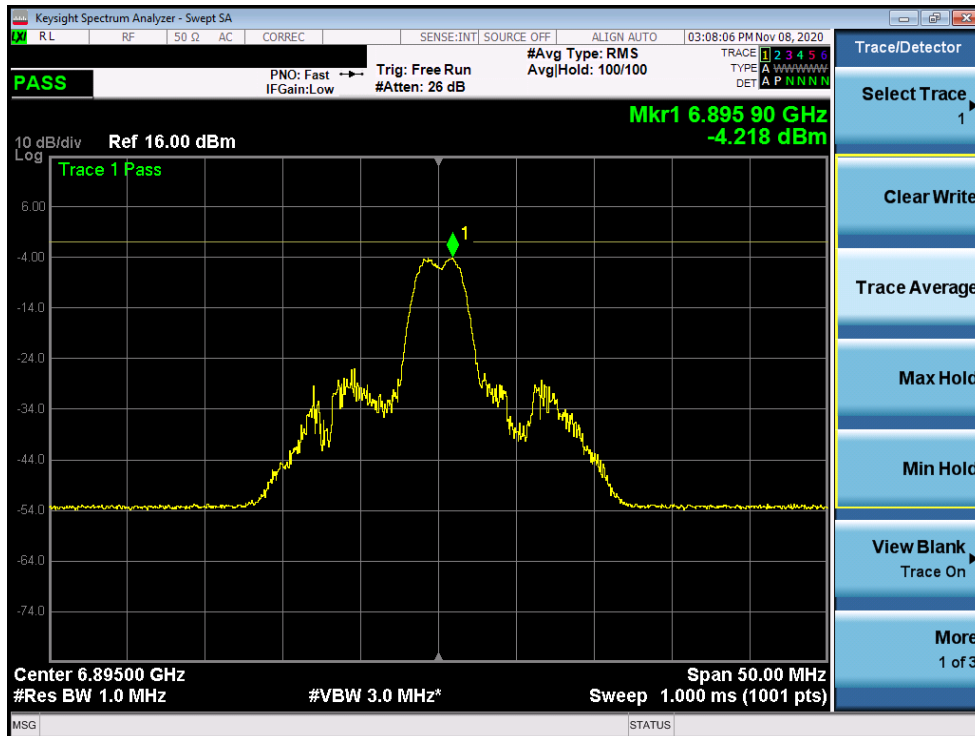


Plot 7-156. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 112 of 276

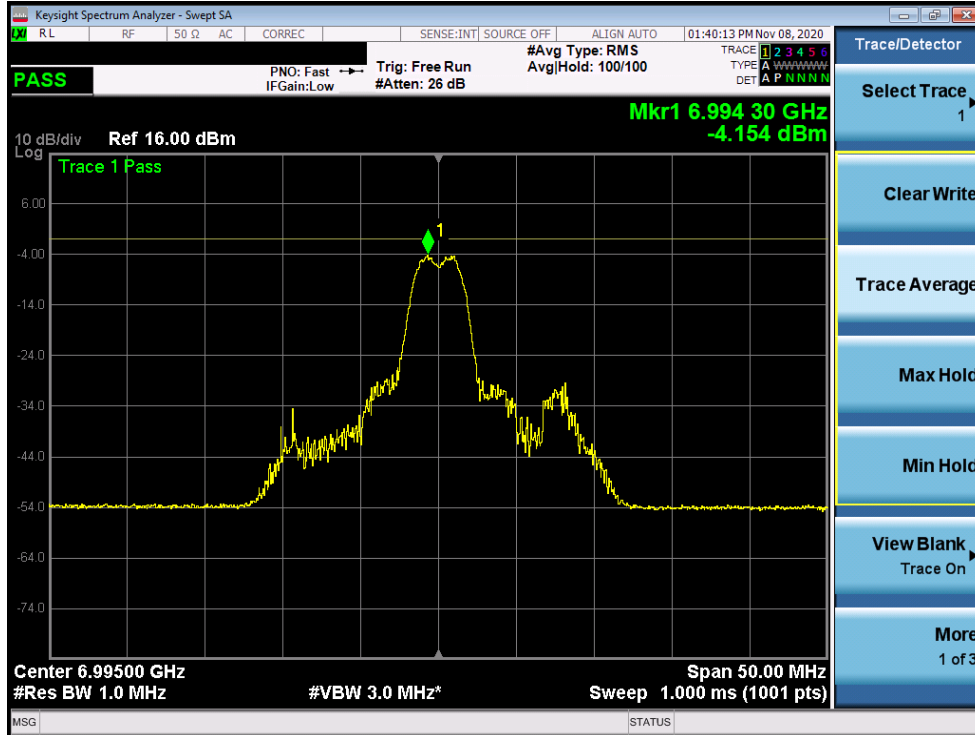


Plot 7-157. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 183)

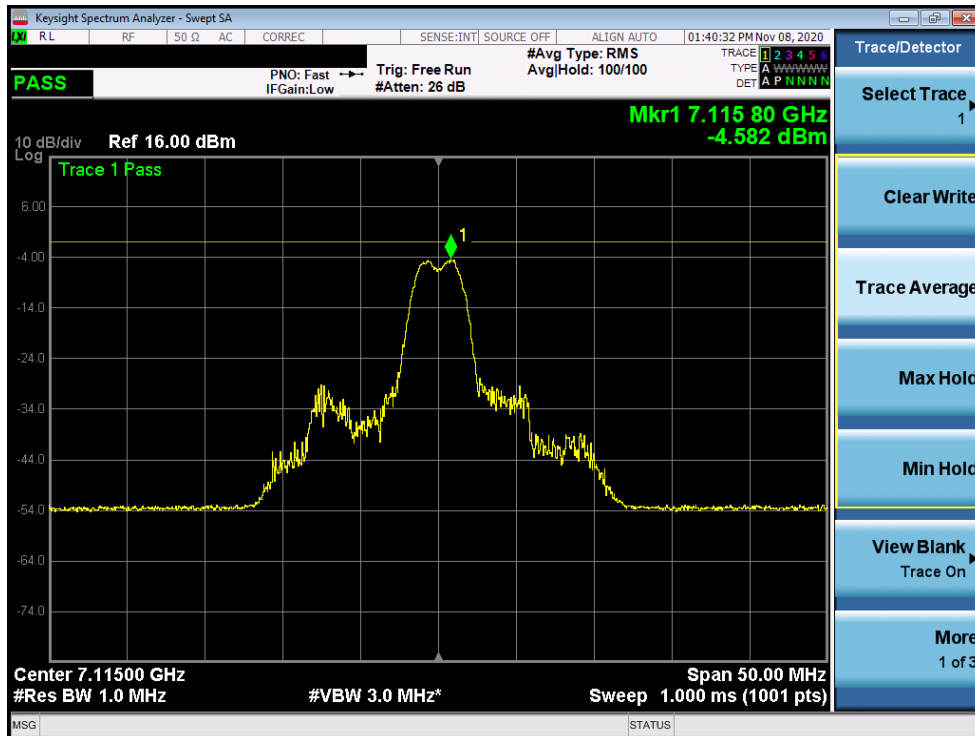


Plot 7-158. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 189)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 113 of 276

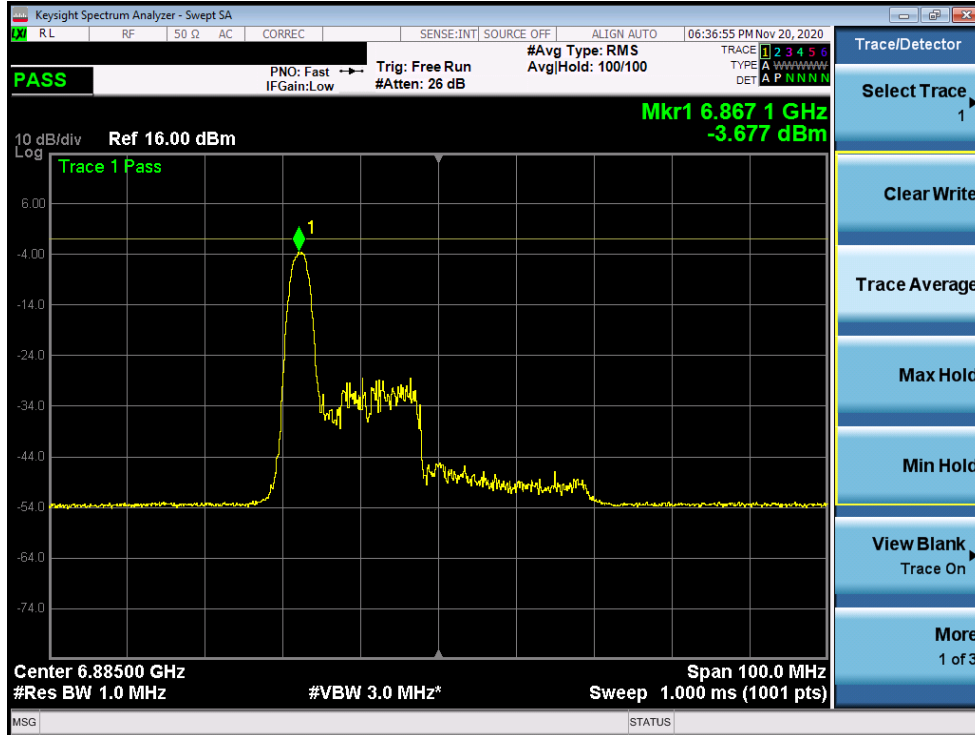


Plot 7-159. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 209)

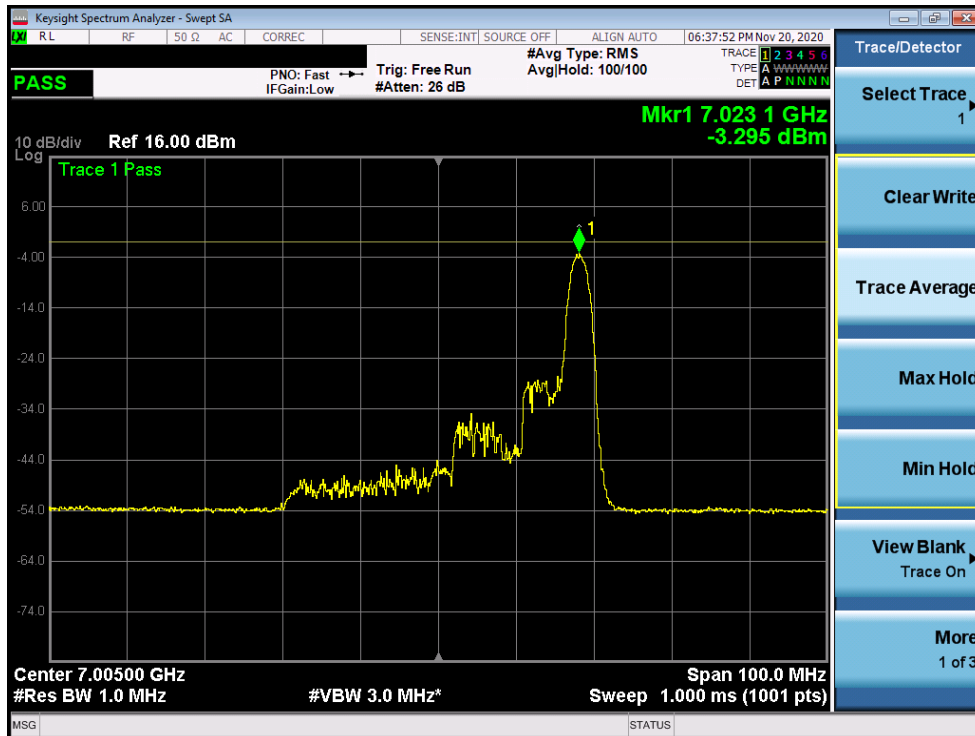


Plot 7-160. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 233)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 114 of 276

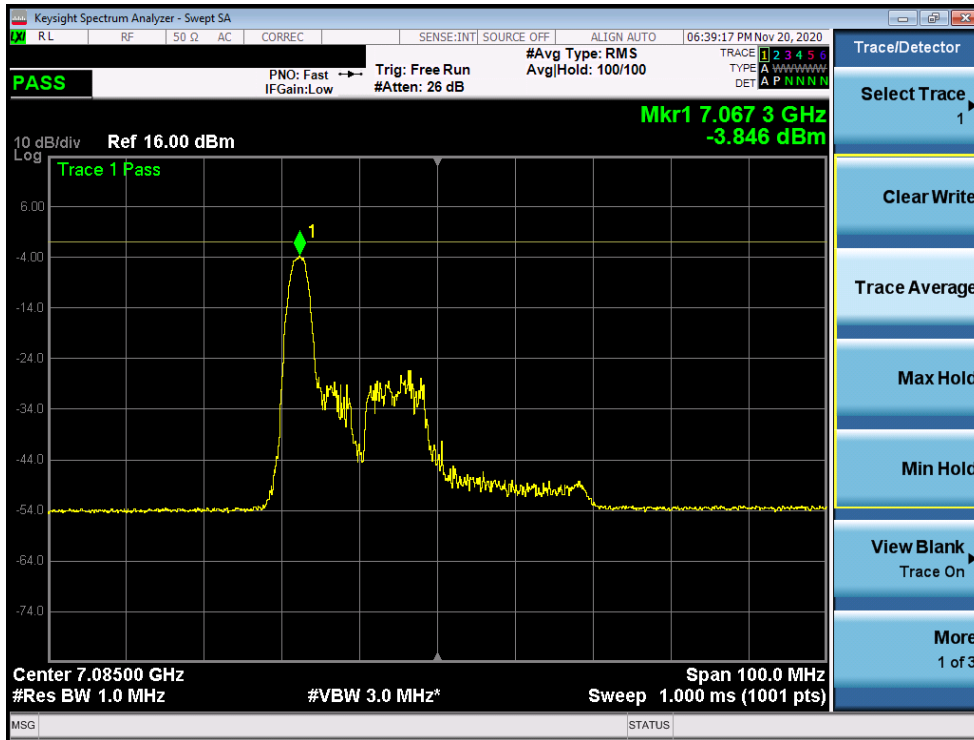


Plot 7-161. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 187)

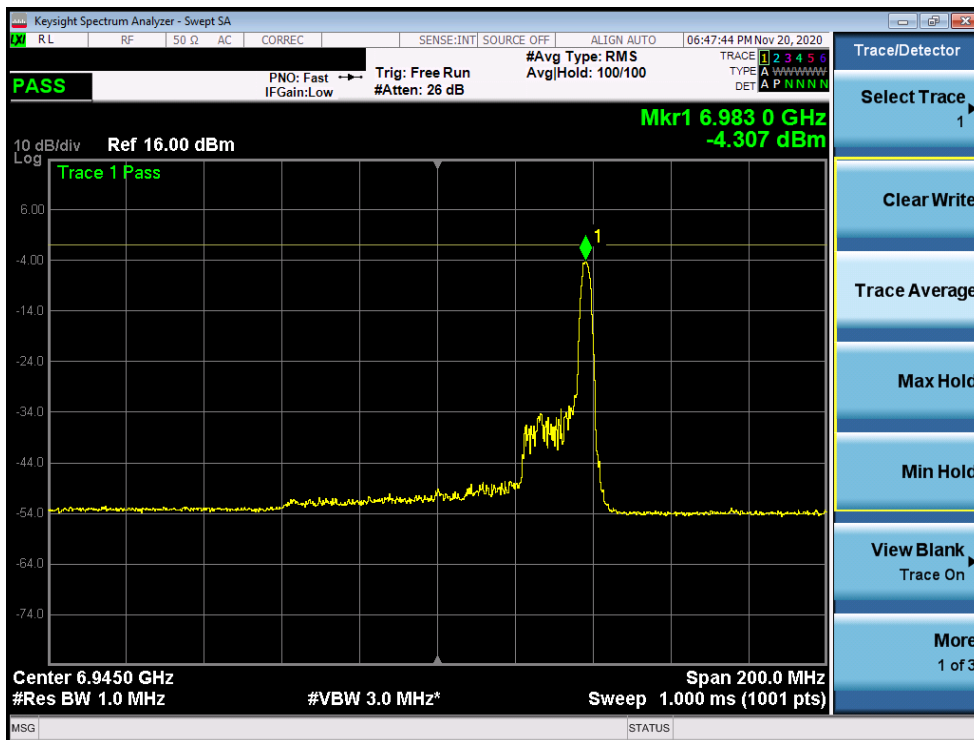


Plot 7-162. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 211)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 115 of 276

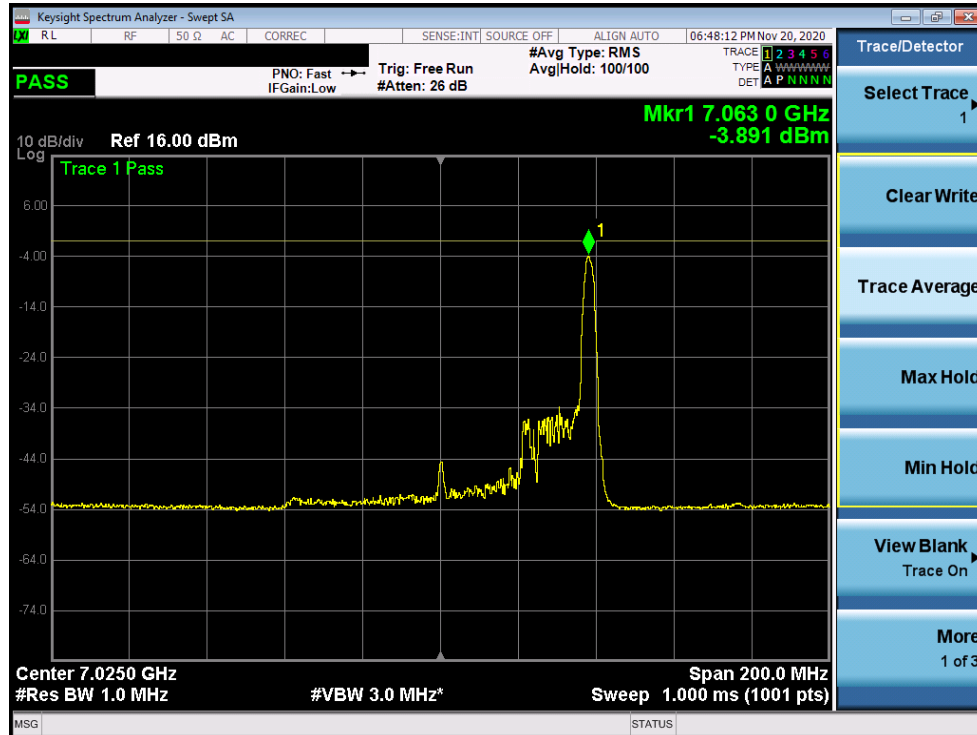


Plot 7-163. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 227)



Plot 7-164. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 116 of 276

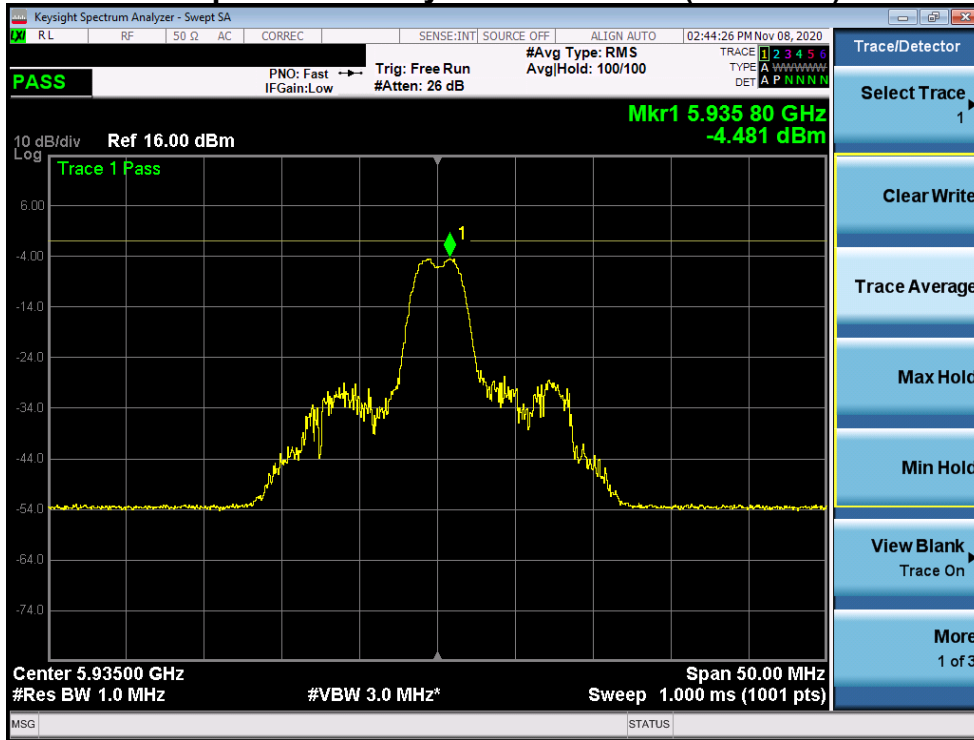


Plot 7-165. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 215)

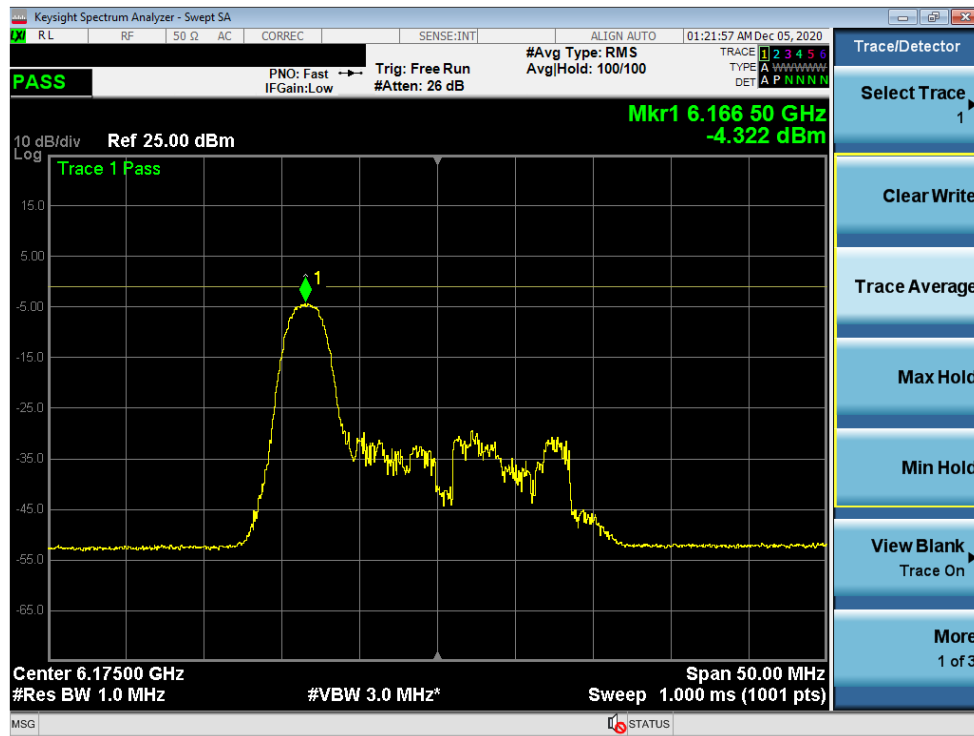
FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 117 of 276



### MIMO Antenna-2 Power Spectral Density Measurements (26 Tones)

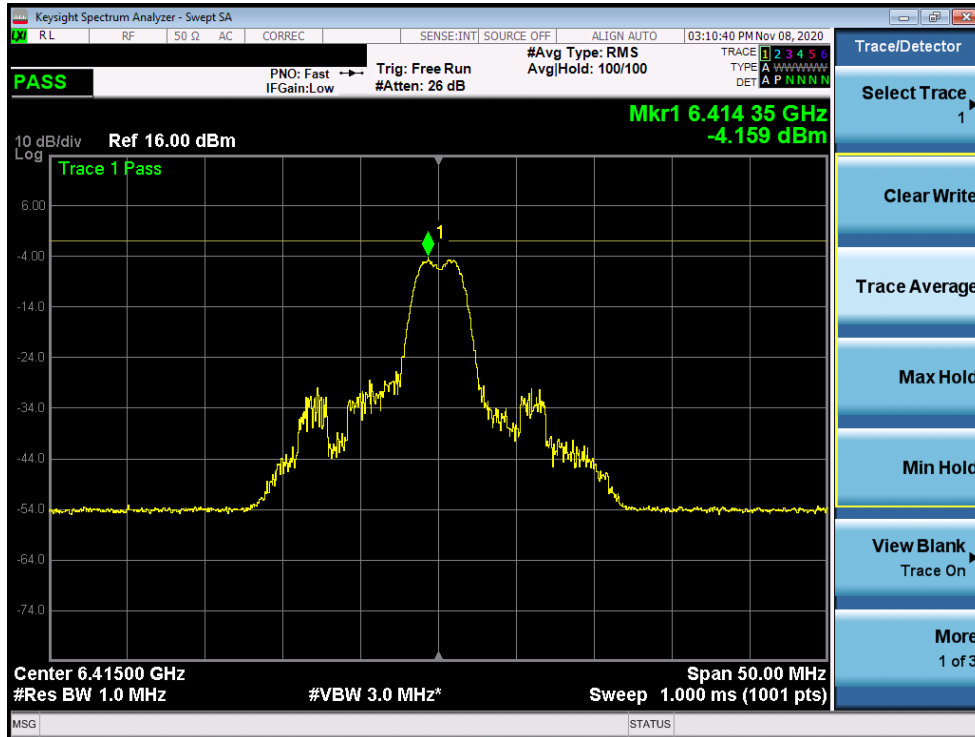


Plot 7-166. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) UNII Band 5) – Ch. 2)

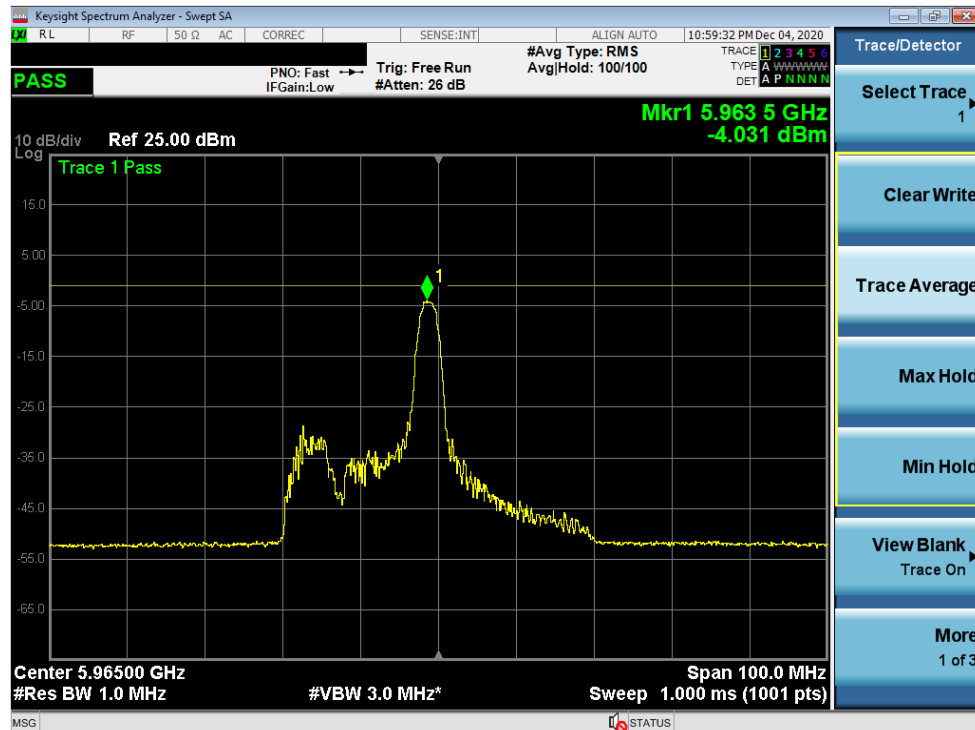


Plot 7-167. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 45)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 118 of 276



Plot 7-168. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) UNII Band 5) – Ch. 93)

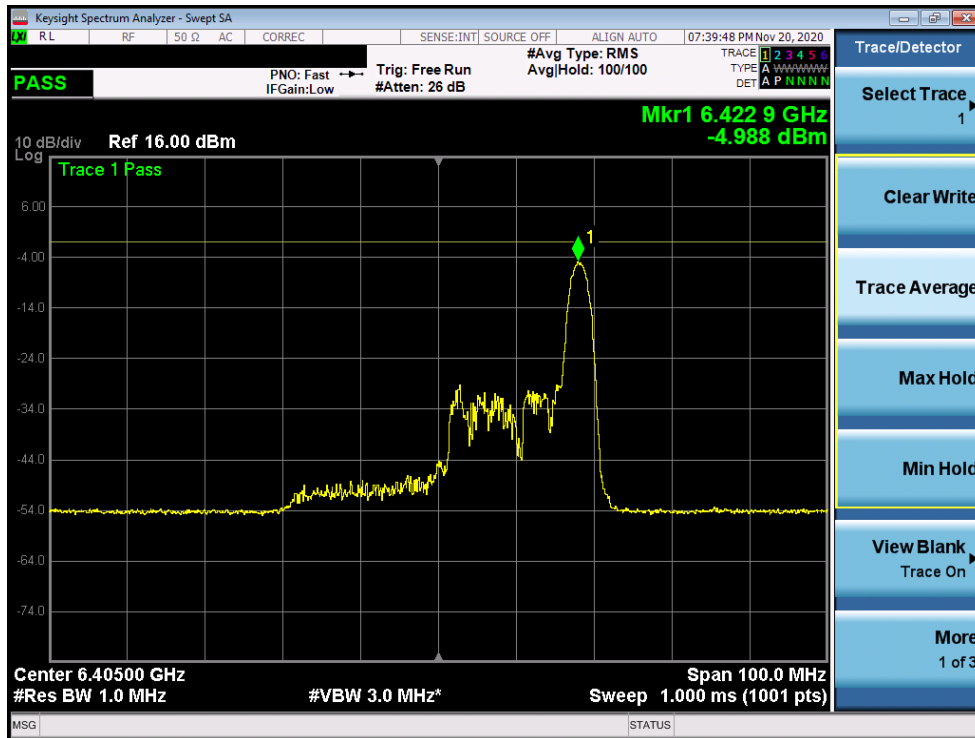


Plot 7-169. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 3)

FCC ID: A3LSMG998B	 <b>PCTEST</b> Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 119 of 276

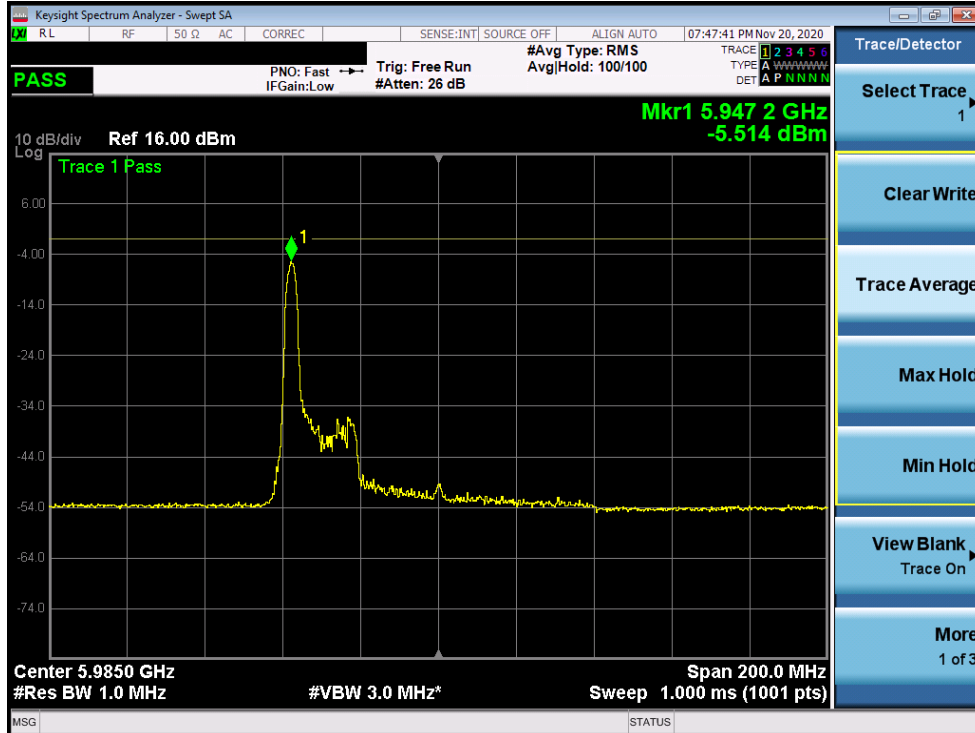


Plot 7-170. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 43)

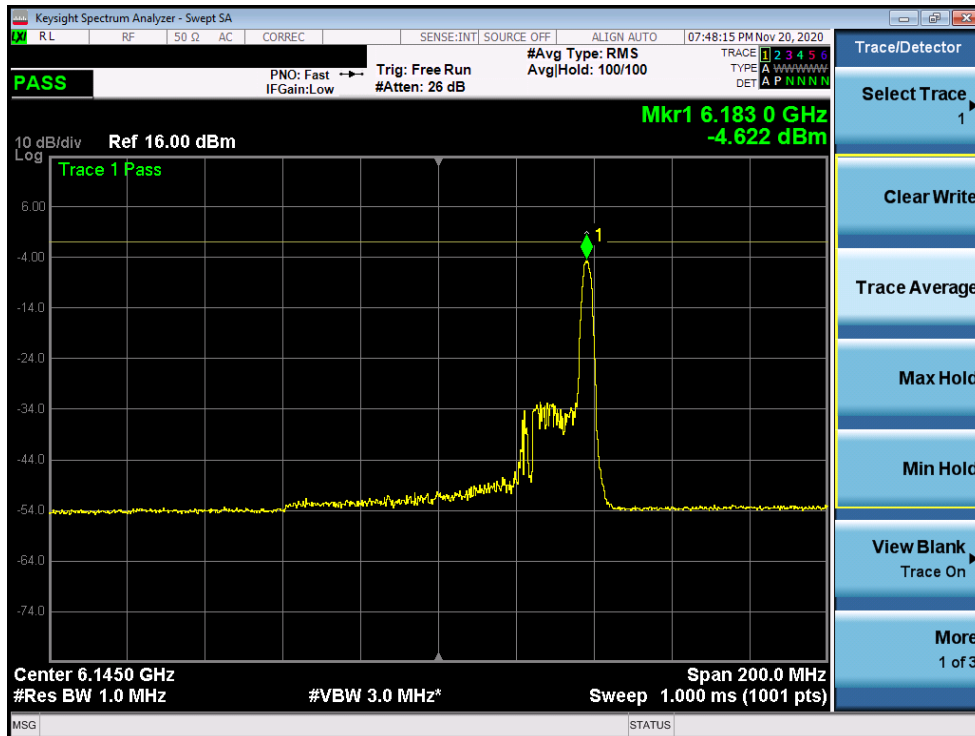


Plot 7-171. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 91)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 120 of 276

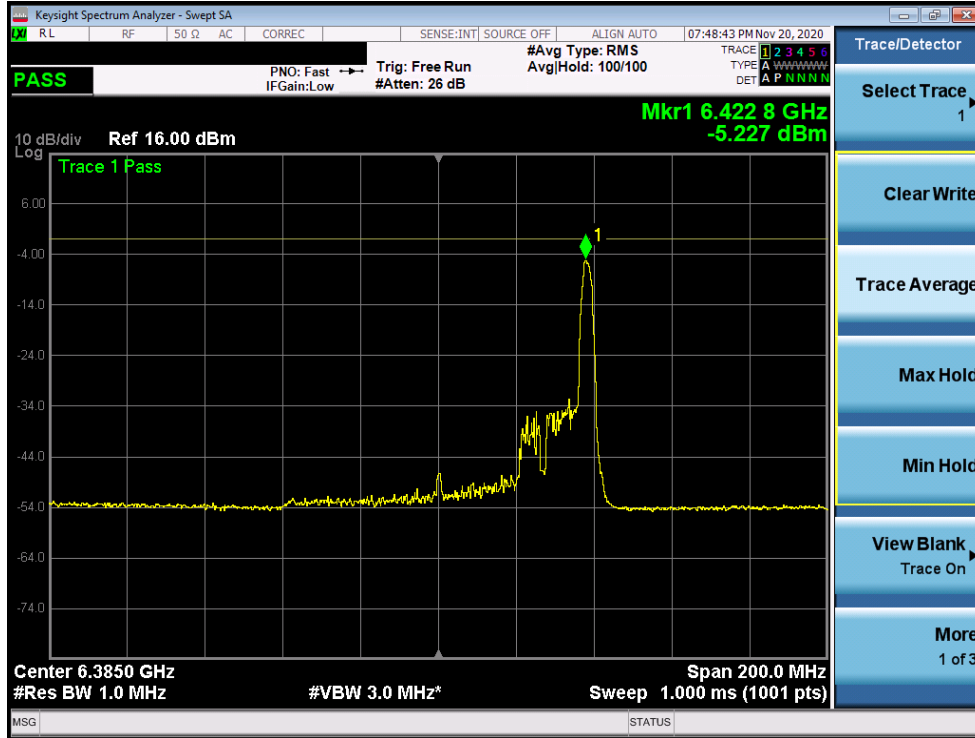


Plot 7-172. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 7)



Plot 7-173. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 39)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 121 of 276



Plot 7-174. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 87)

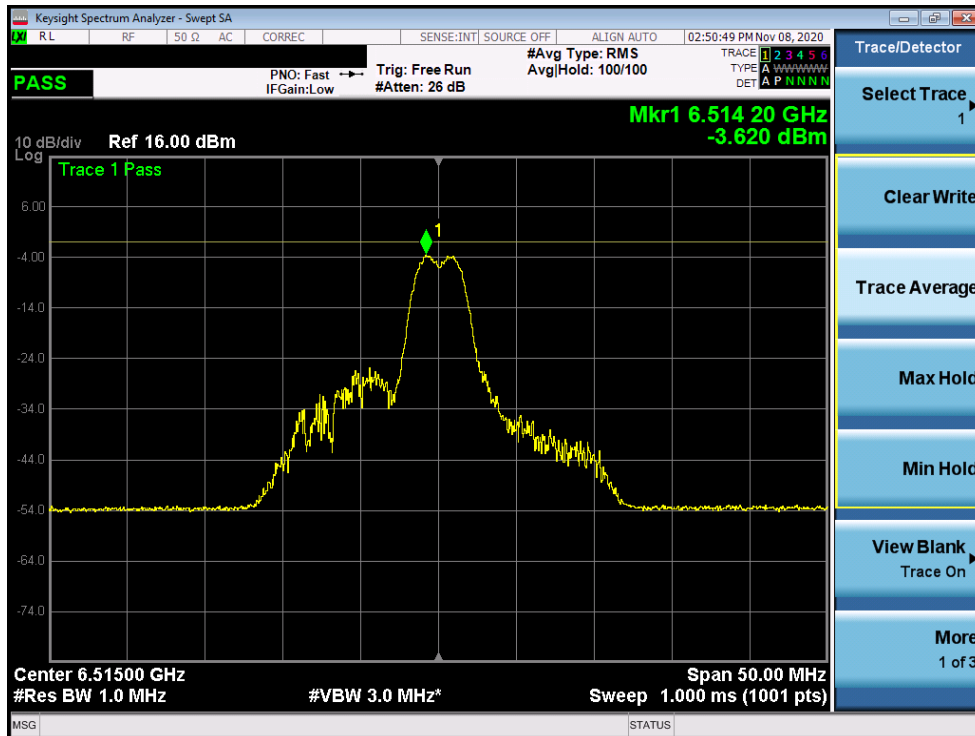


Plot 7-175. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 97)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 122 of 276

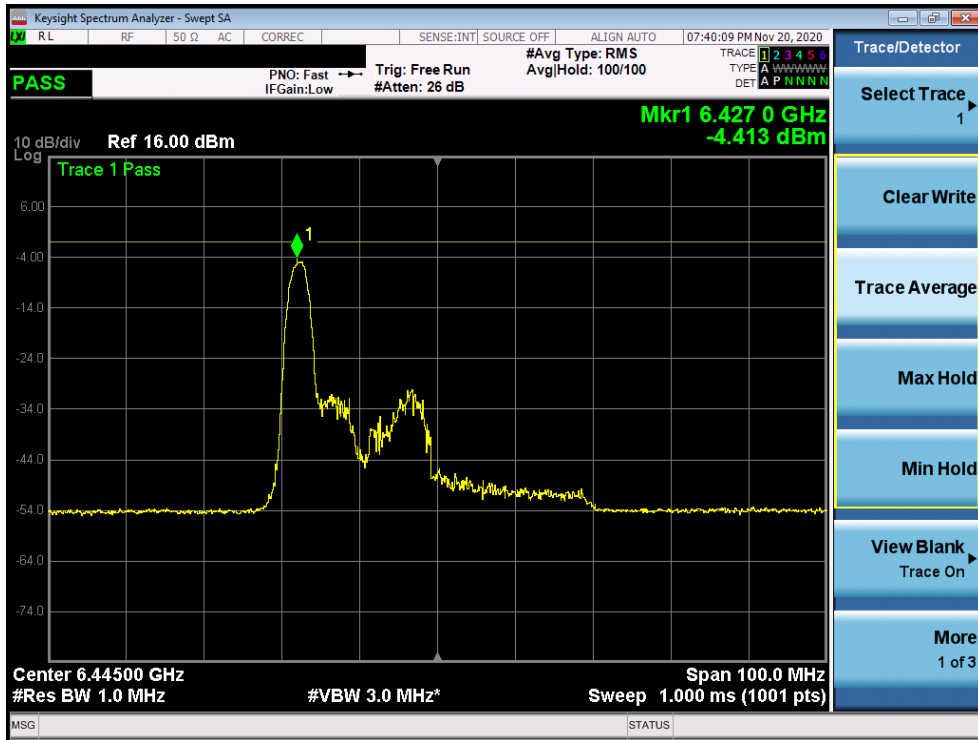


Plot 7-176. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 105)



Plot 7-177. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 113)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	<b>MEASUREMENT REPORT</b> (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 123 of 276



Plot 7-178. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 99)

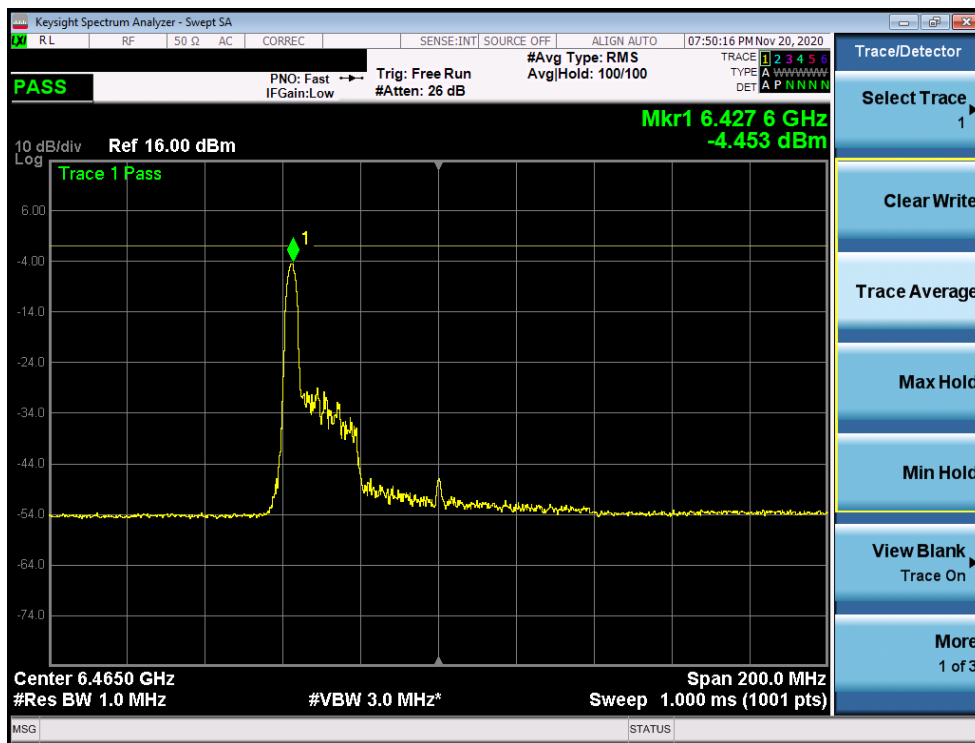


Plot 7-179. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 107)

FCC ID: A3LSMG998B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset	Page 124 of 276	



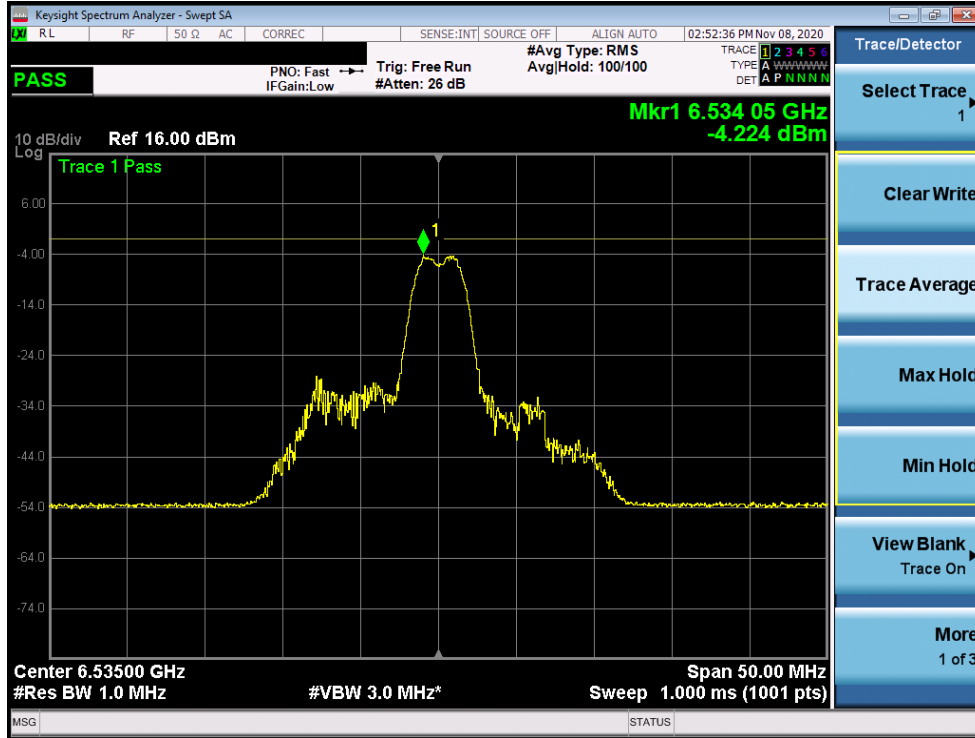
Plot 7-180. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 115)



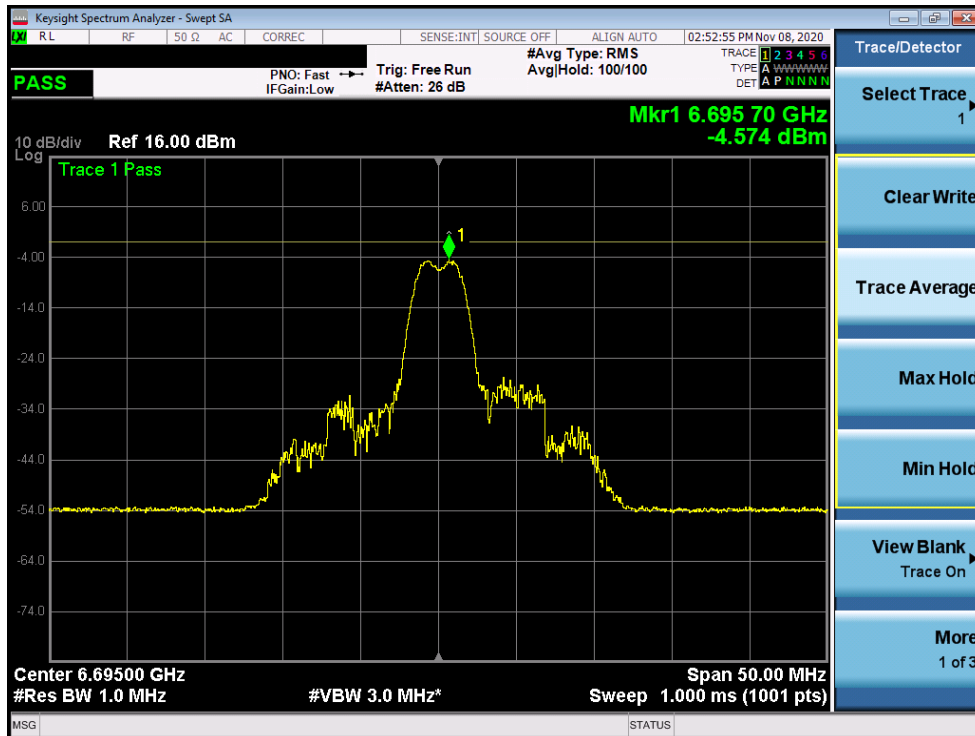
Plot 7-181. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 125 of 276



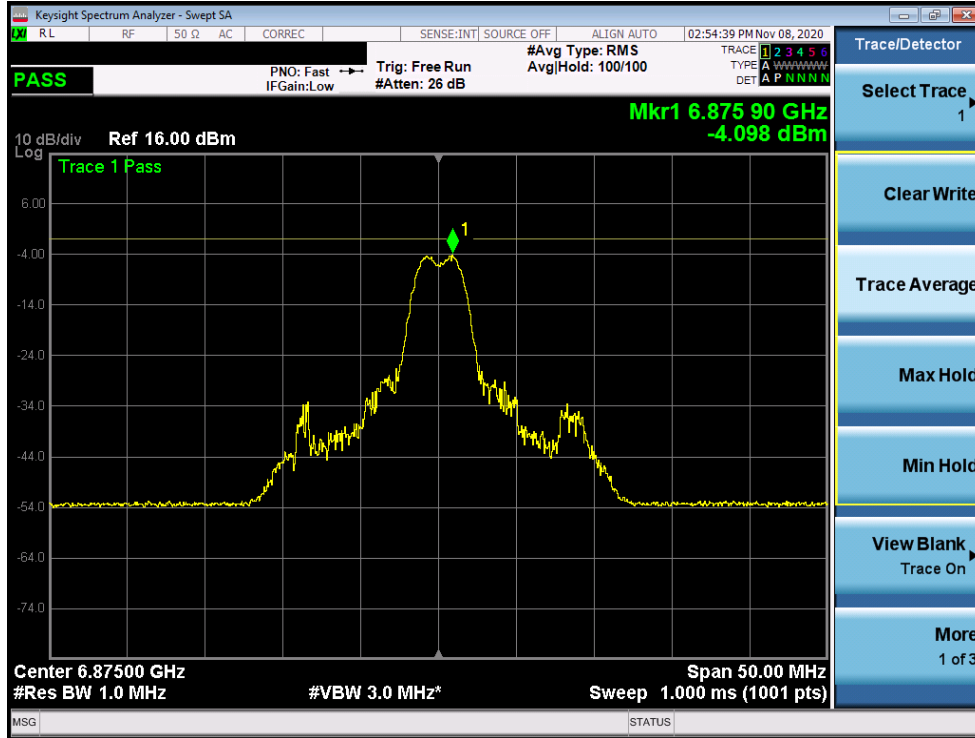


Plot 7-182. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 117)



Plot 7-183. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 149)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 126 of 276

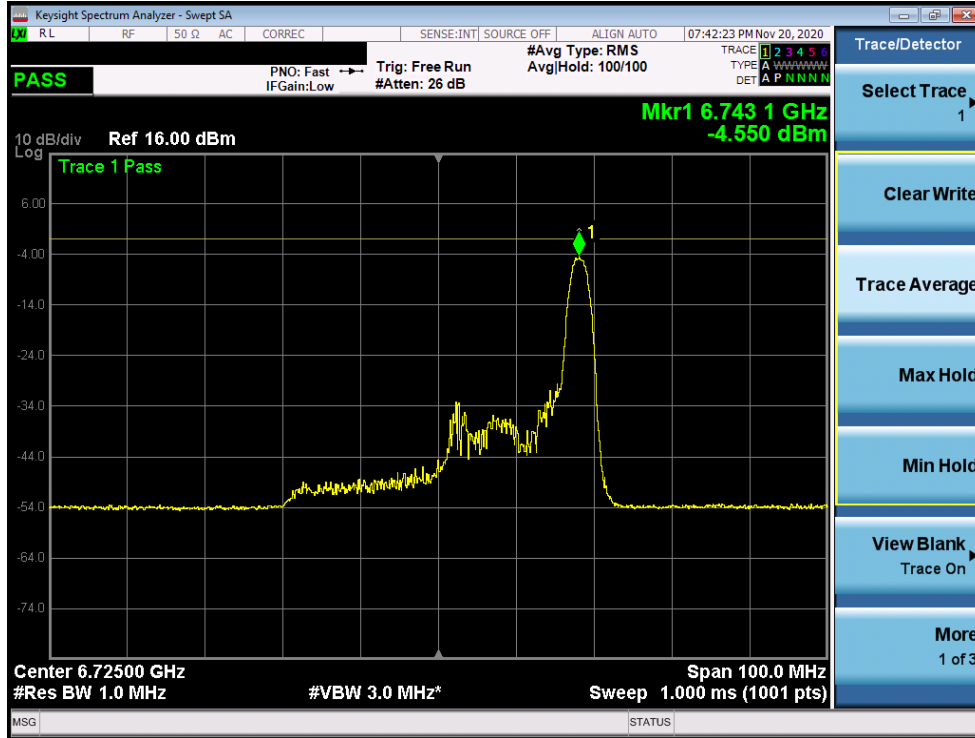


Plot 7-184. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 185)



Plot 7-185. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 123)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 127 of 276

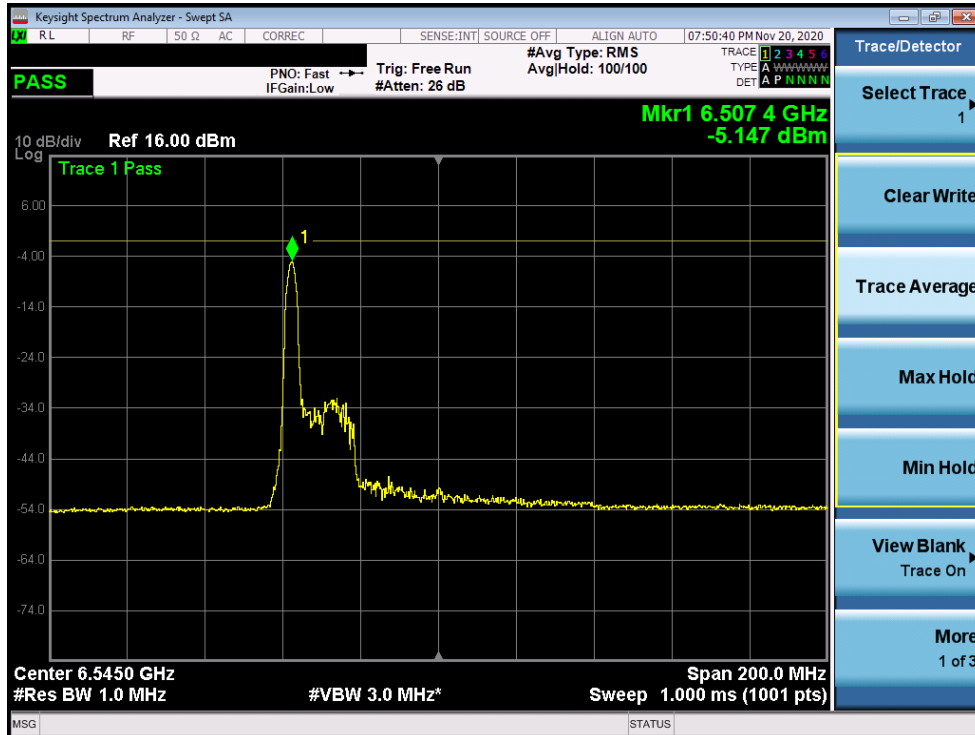


Plot 7-186. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 155)

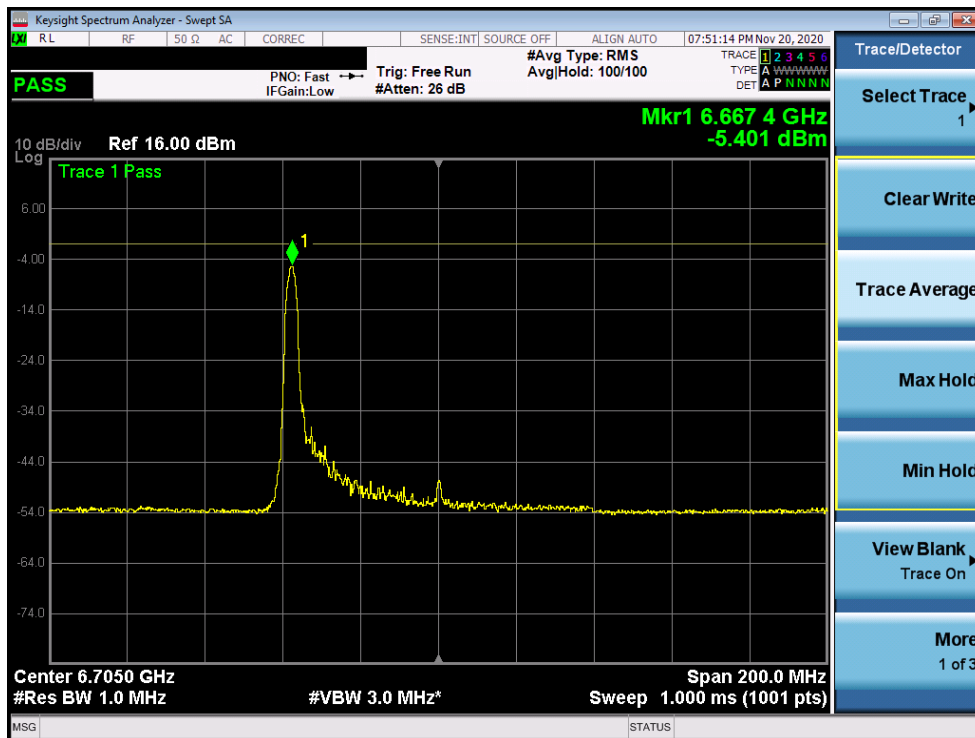


Plot 7-187. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 179)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 128 of 276

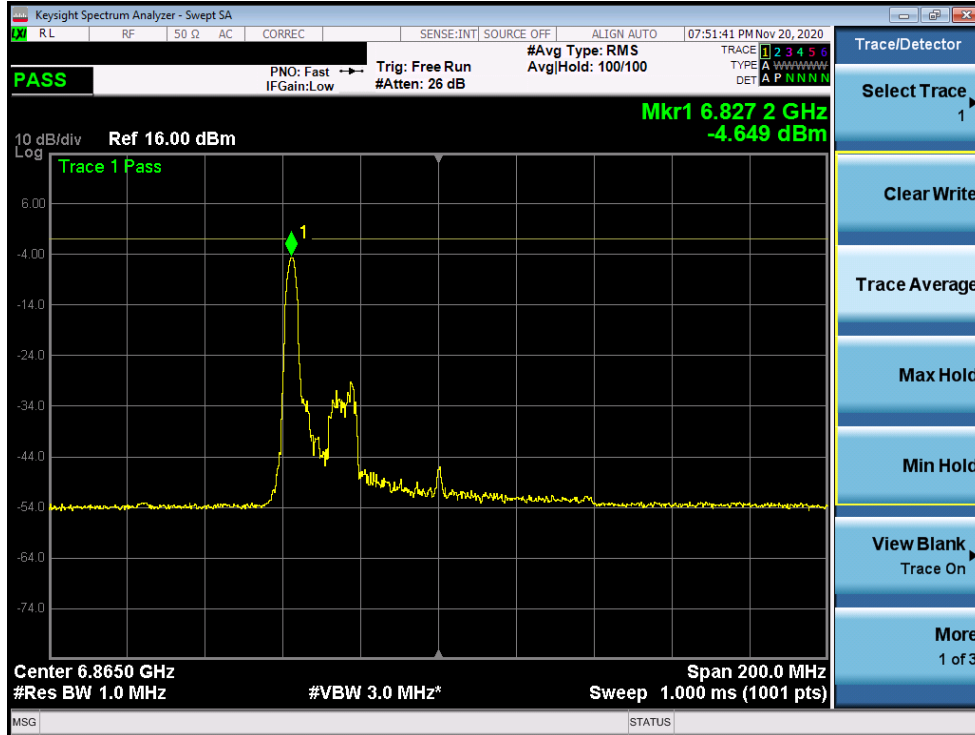


Plot 7-188. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 119)

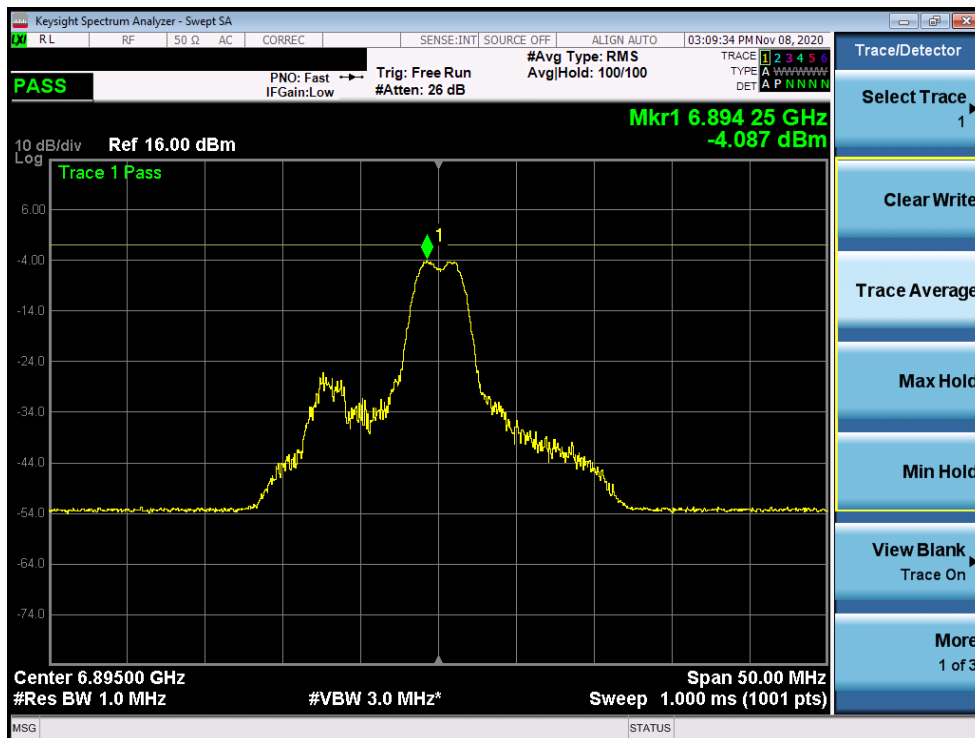


Plot 7-189. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 129 of 276

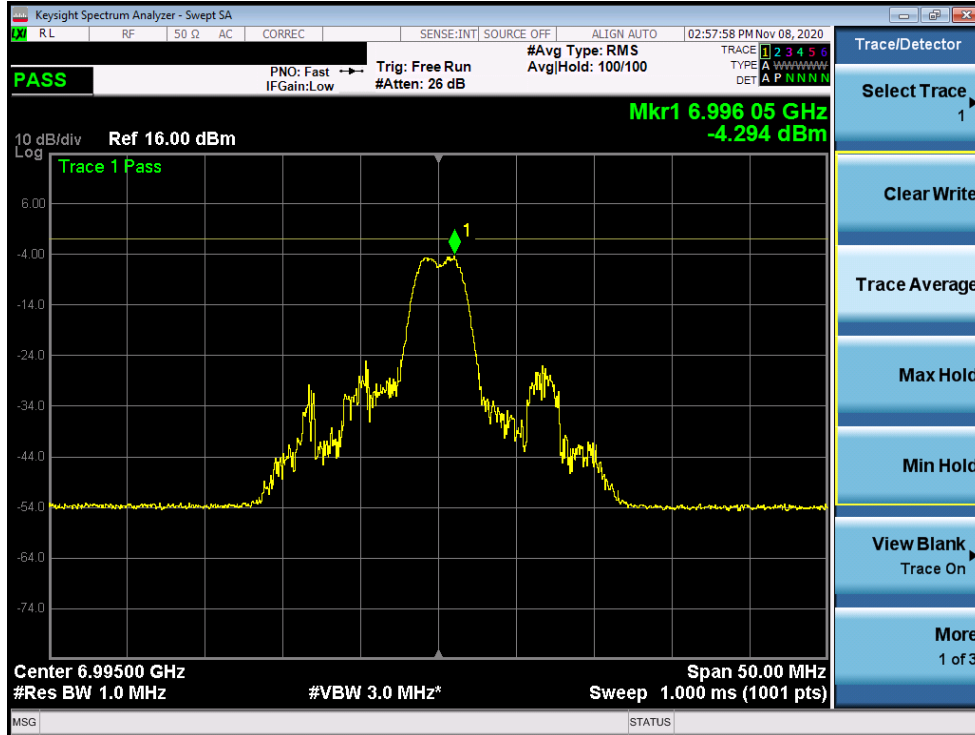


Plot 7-190. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 183)



Plot 7-191. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 189)

FCC ID: A3LSMG998B	Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 130 of 276

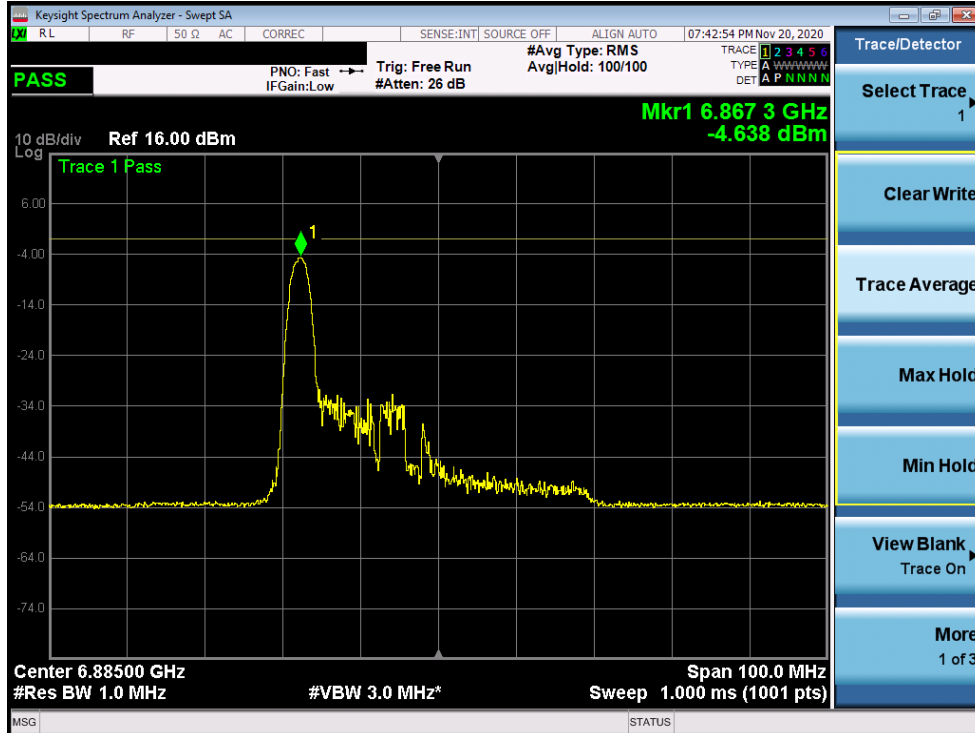


Plot 7-192. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 209)

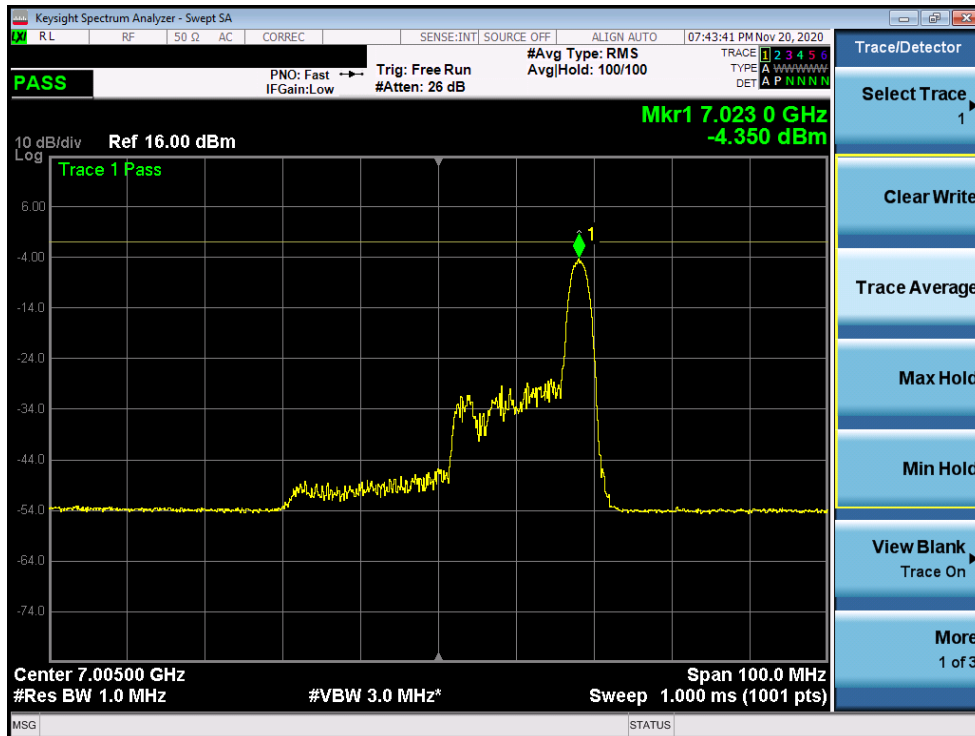


Plot 7-193. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 233)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 131 of 276

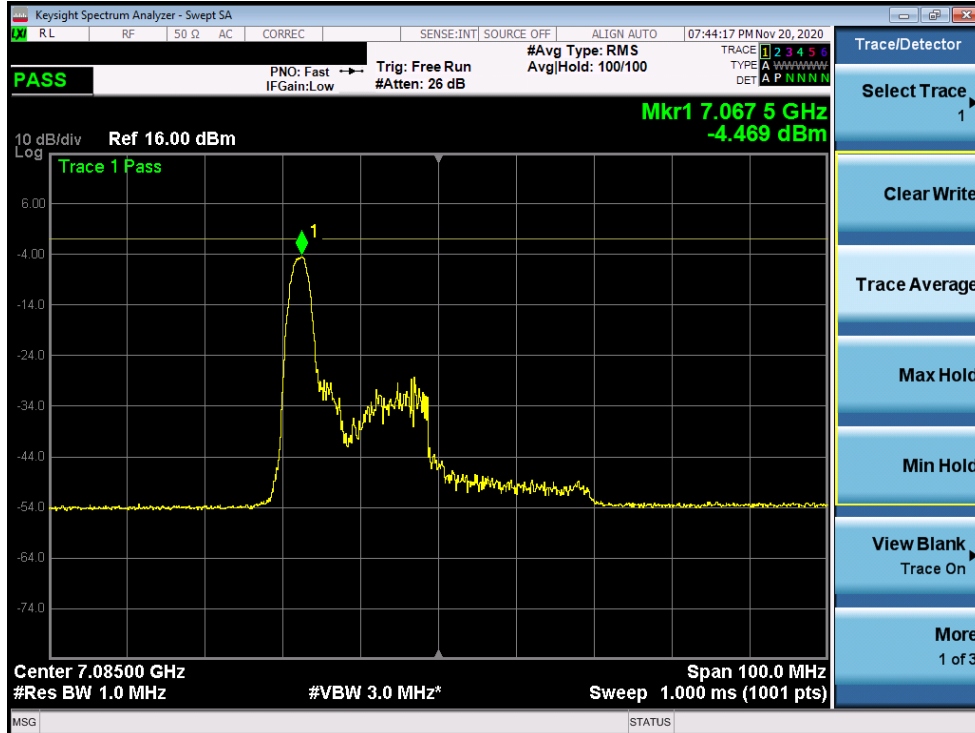


Plot 7-194. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 187)

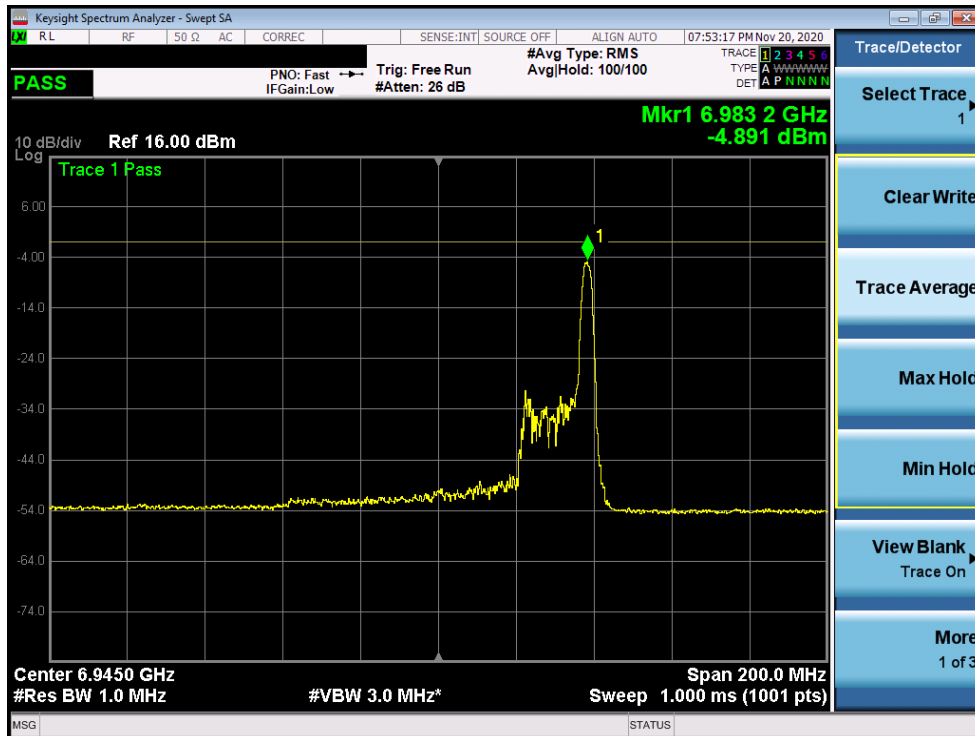


Plot 7-195. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 211)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 132 of 276



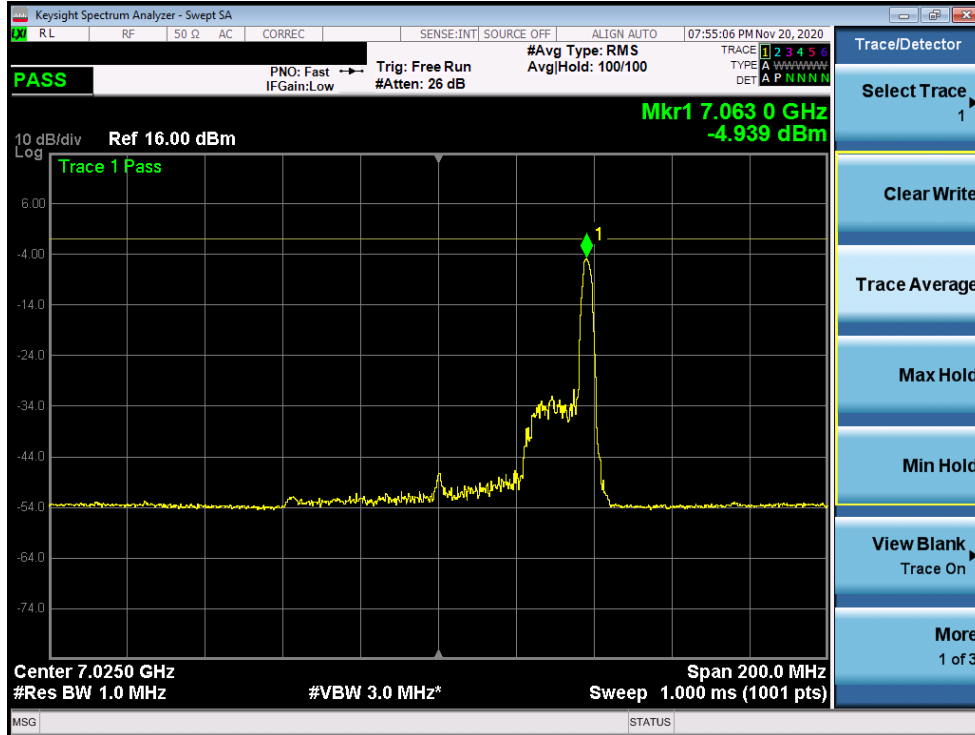
Plot 7-196. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 227)



Plot 7-197. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 199)

FCC ID: A3LSMG998B	Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 133 of 276

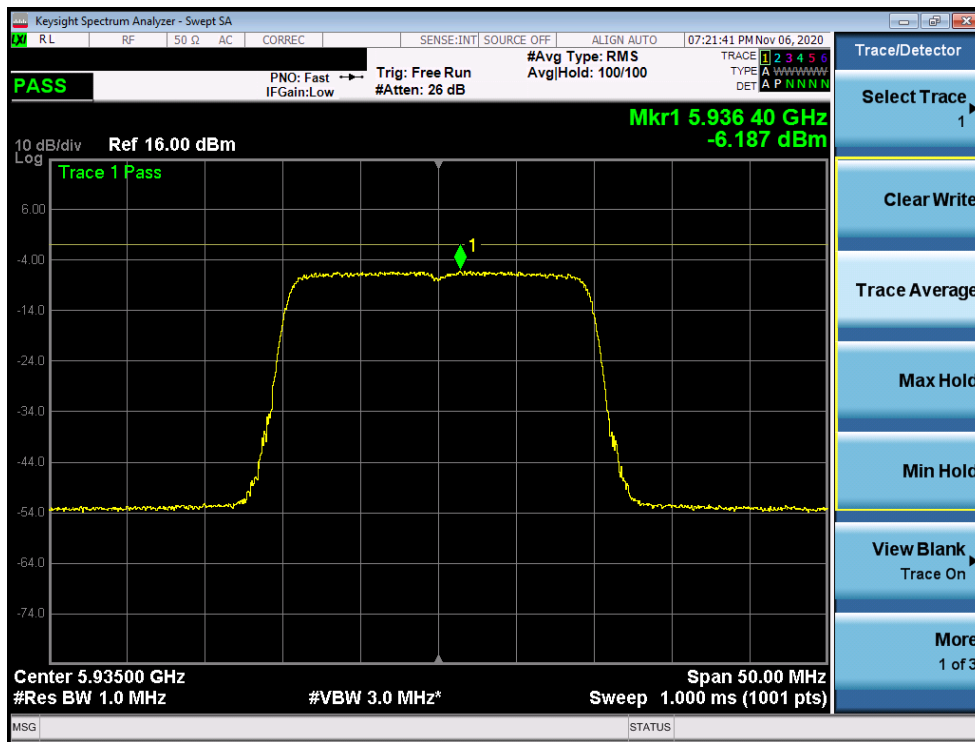




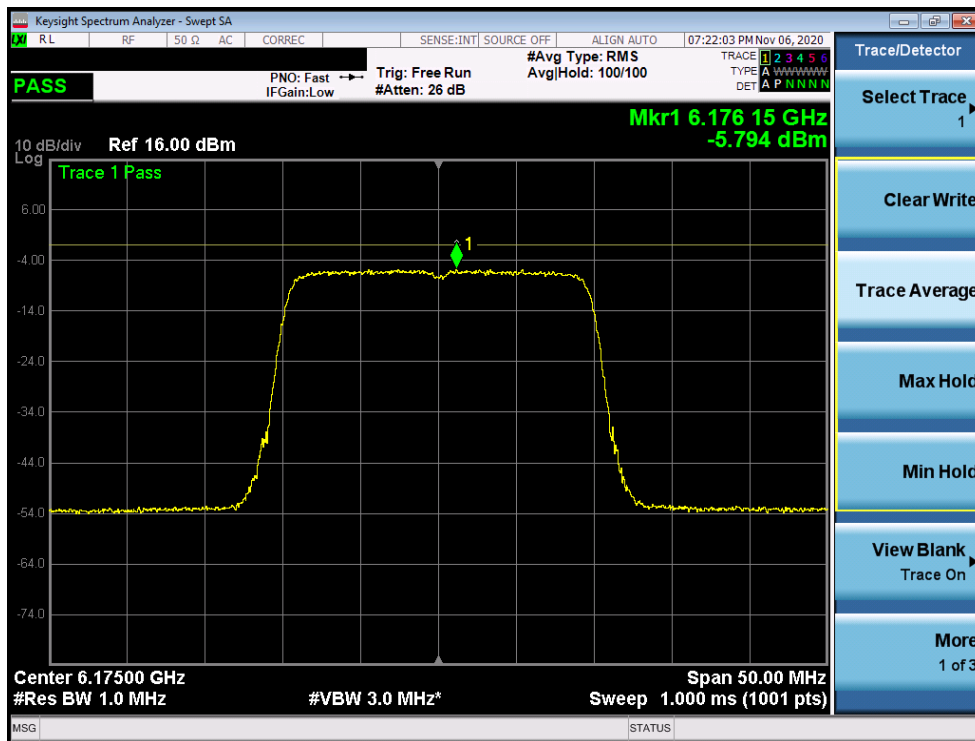
Plot 7-198. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 215)

FCC ID: A3LSMG998B	 <b>PCTEST</b> Proud to be part of element	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 134 of 276

### MIMO Antenna-1 Power Spectral Density Measurements (Full Tones)

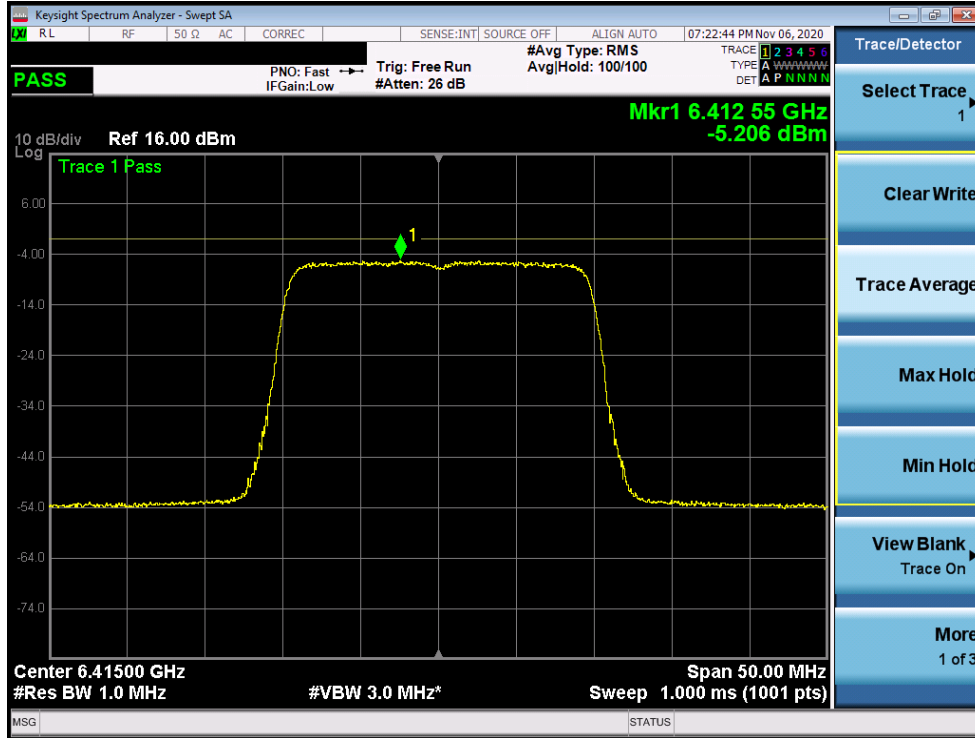


Plot 7-199. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) UNII Band 5) – Ch. 2)

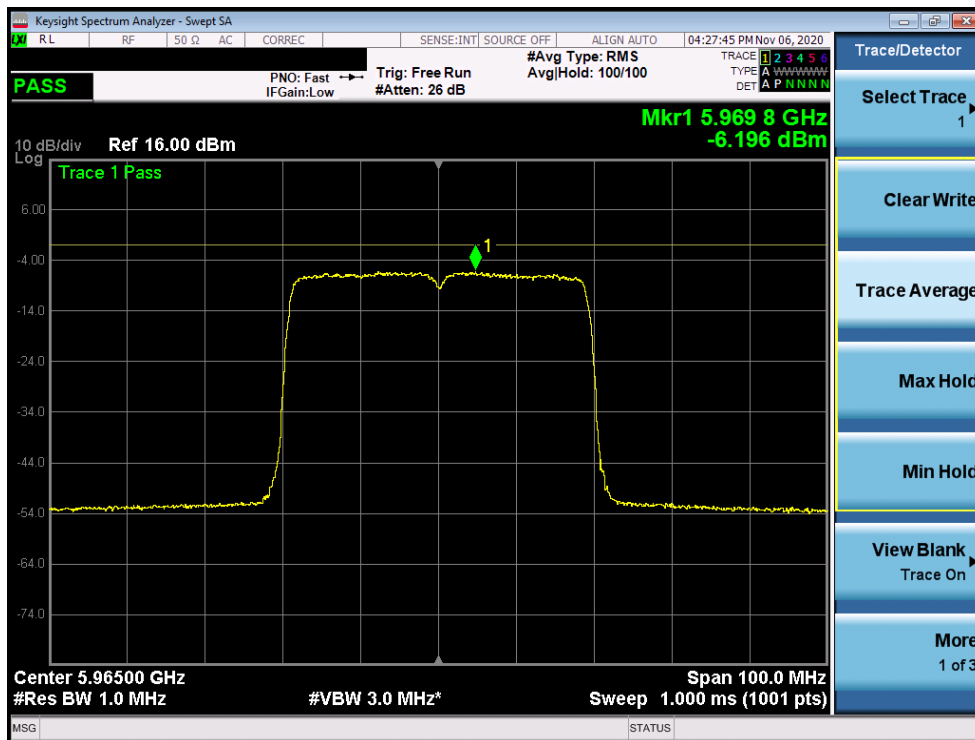


Plot 7-200. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 45)

FCC ID: A3LSMG998B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 135 of 276

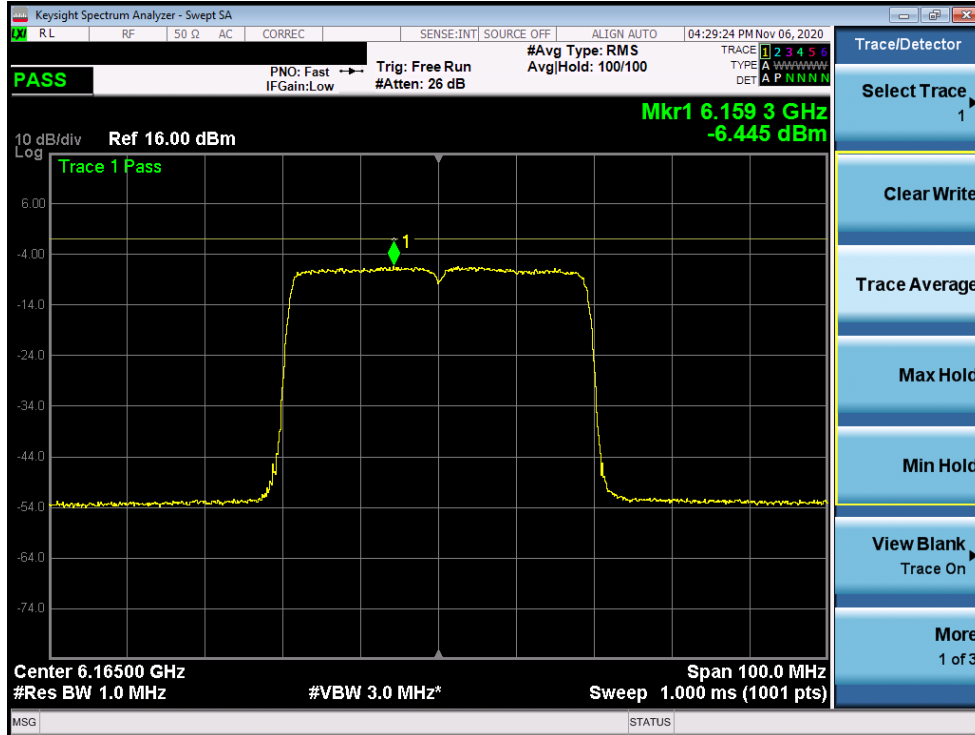


Plot 7-201. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) UNII Band 5) – Ch. 93)

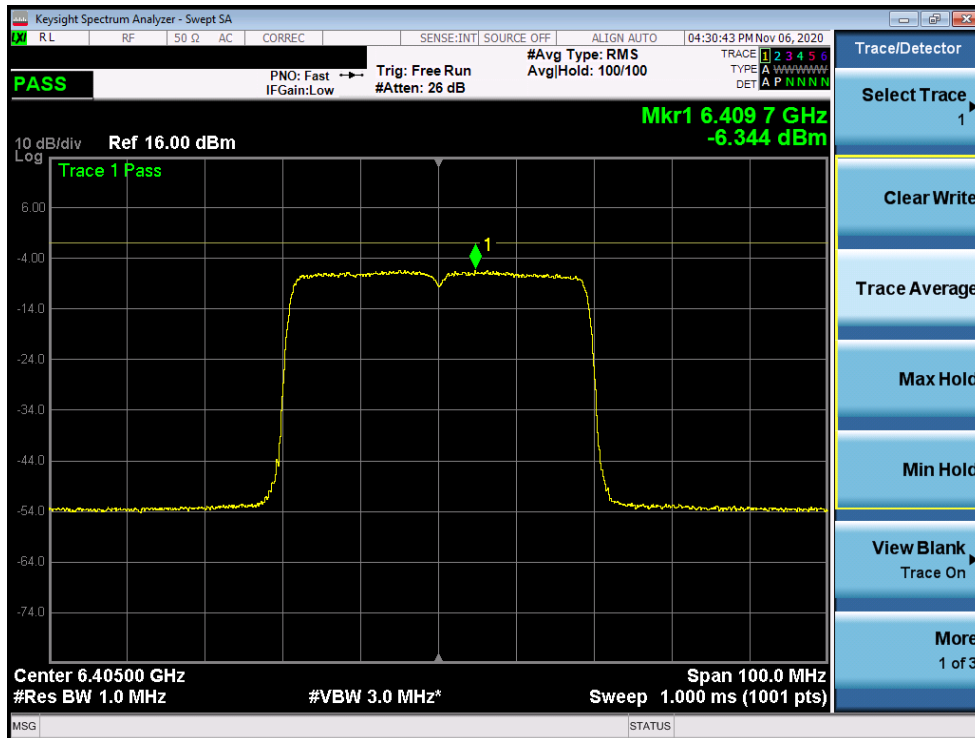


Plot 7-202. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 3)

FCC ID: A3LSMG998B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 136 of 276

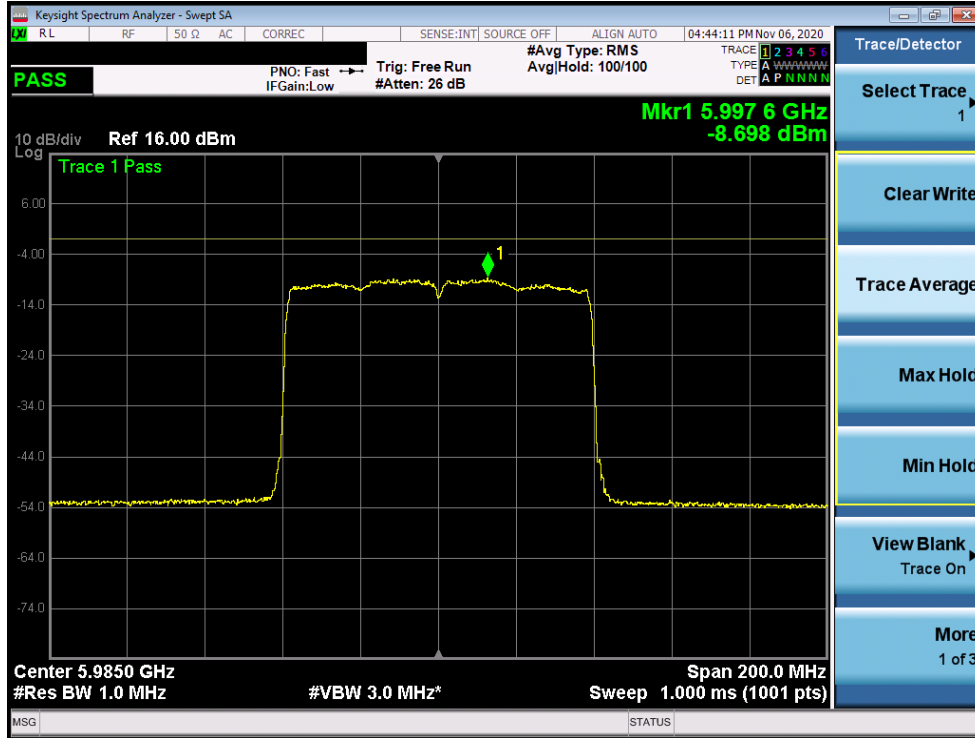


Plot 7-203. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 43)

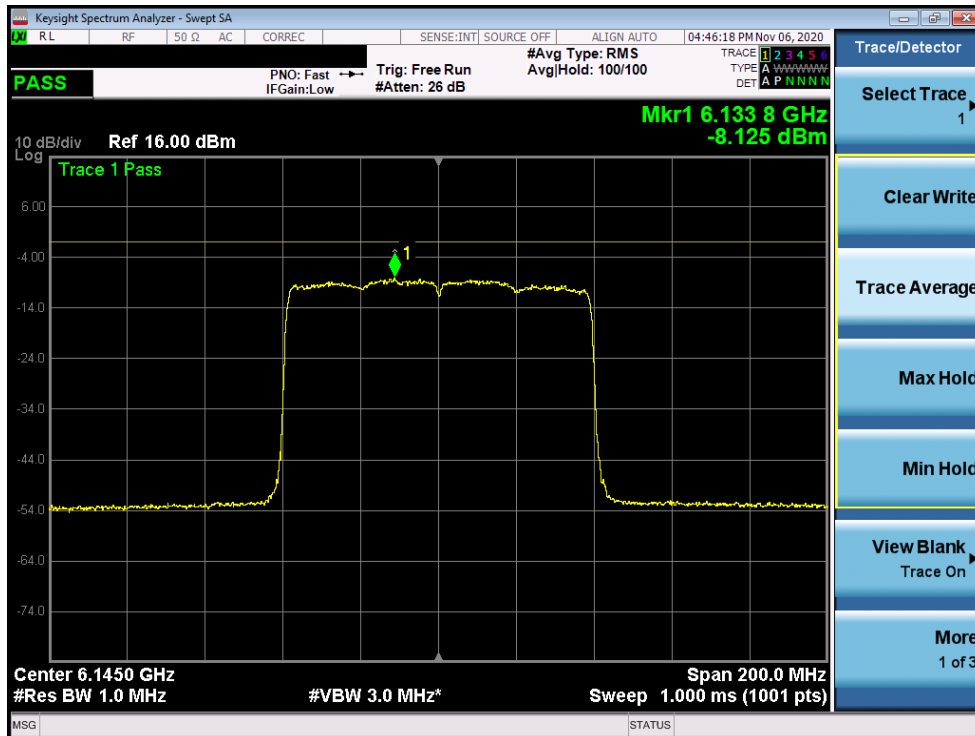


Plot 7-204. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 91)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 137 of 276

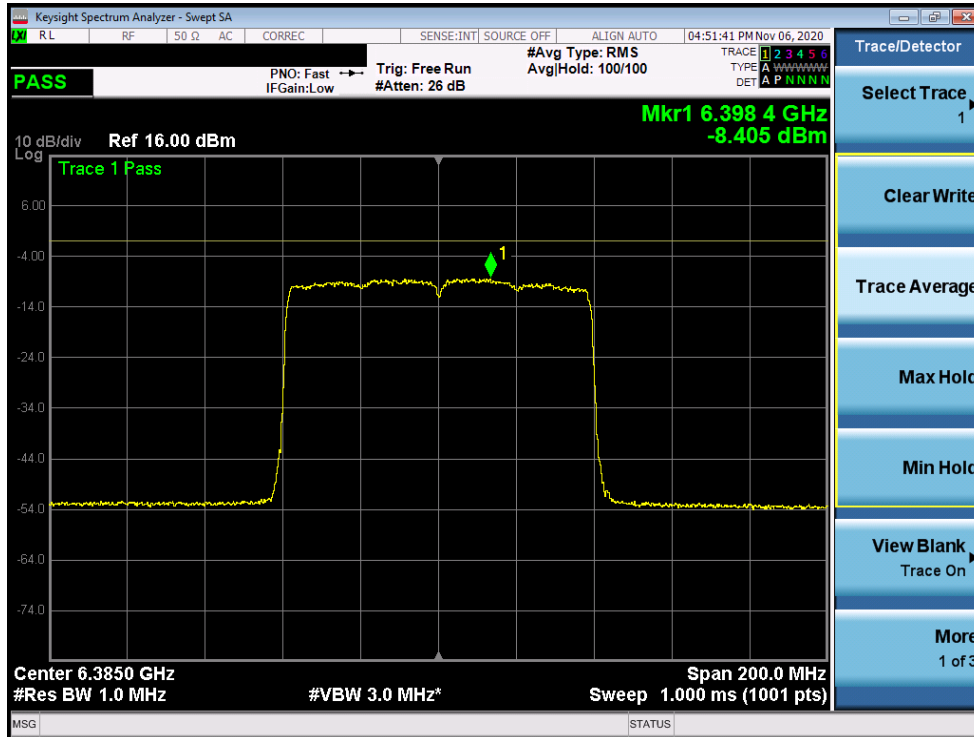


Plot 7-205. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 7)

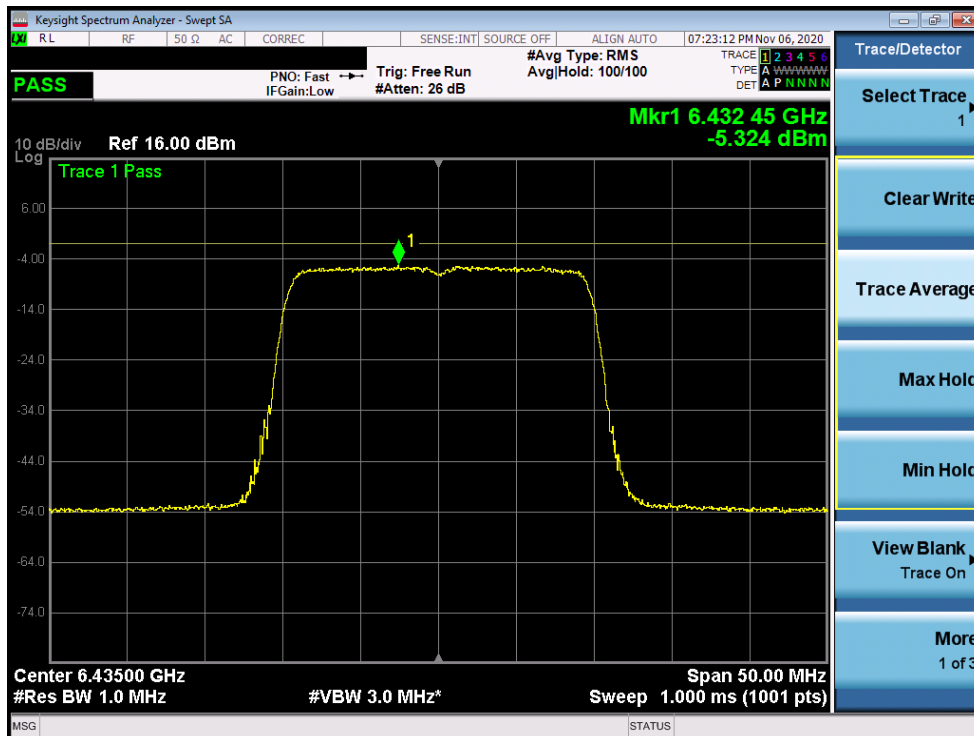


Plot 7-206. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 39)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 138 of 276

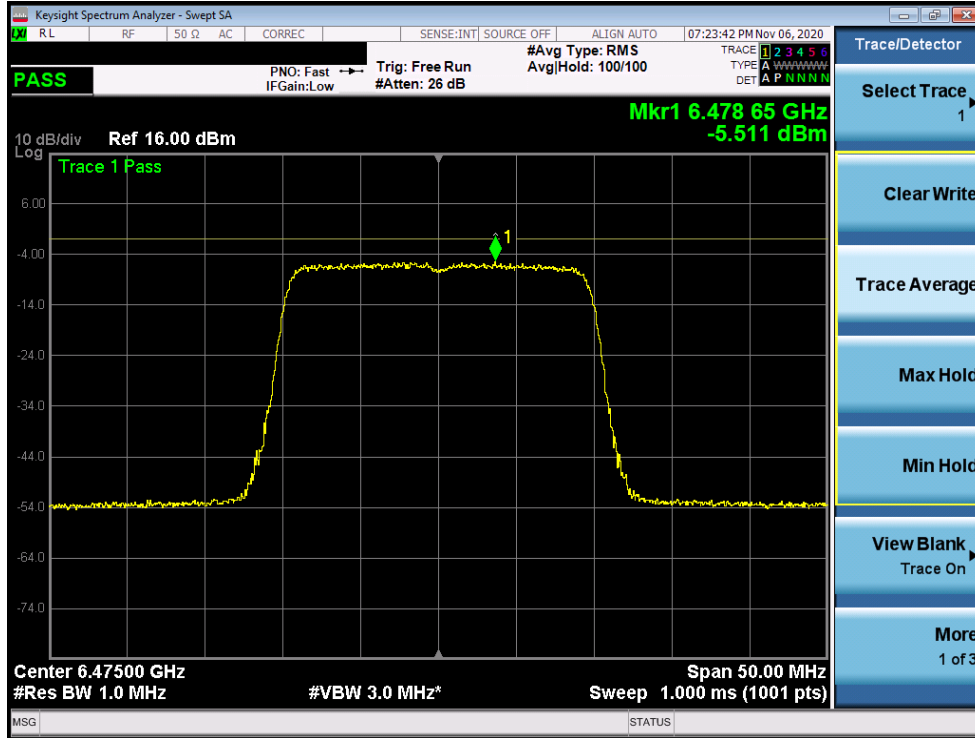


Plot 7-207. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 87)

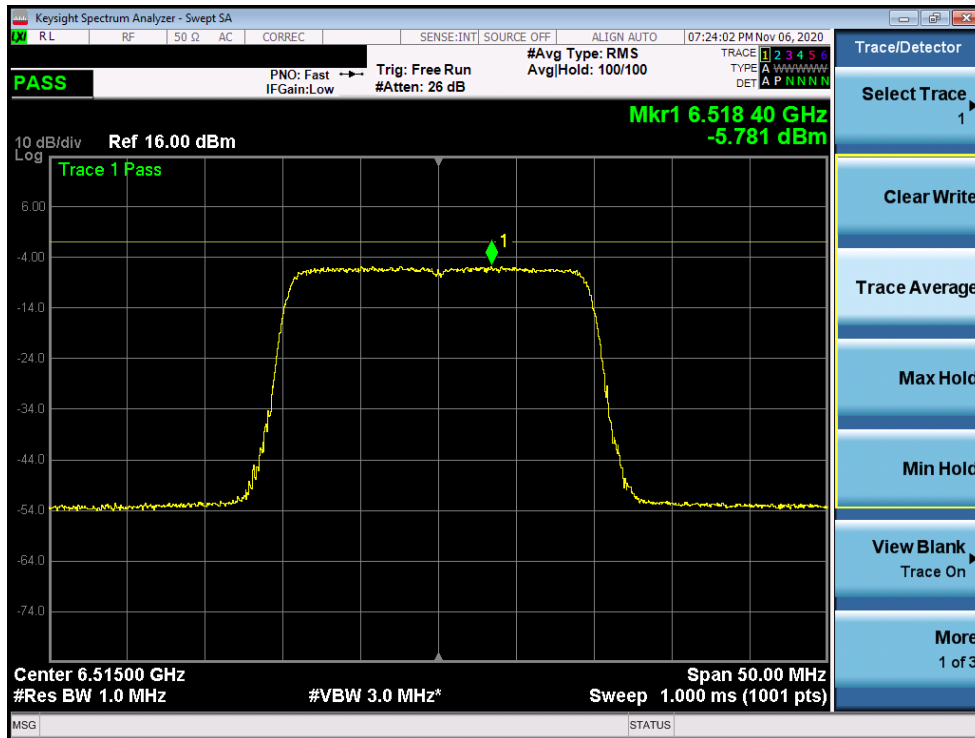


Plot 7-208. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 97)

FCC ID: A3LSMG998B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 139 of 276

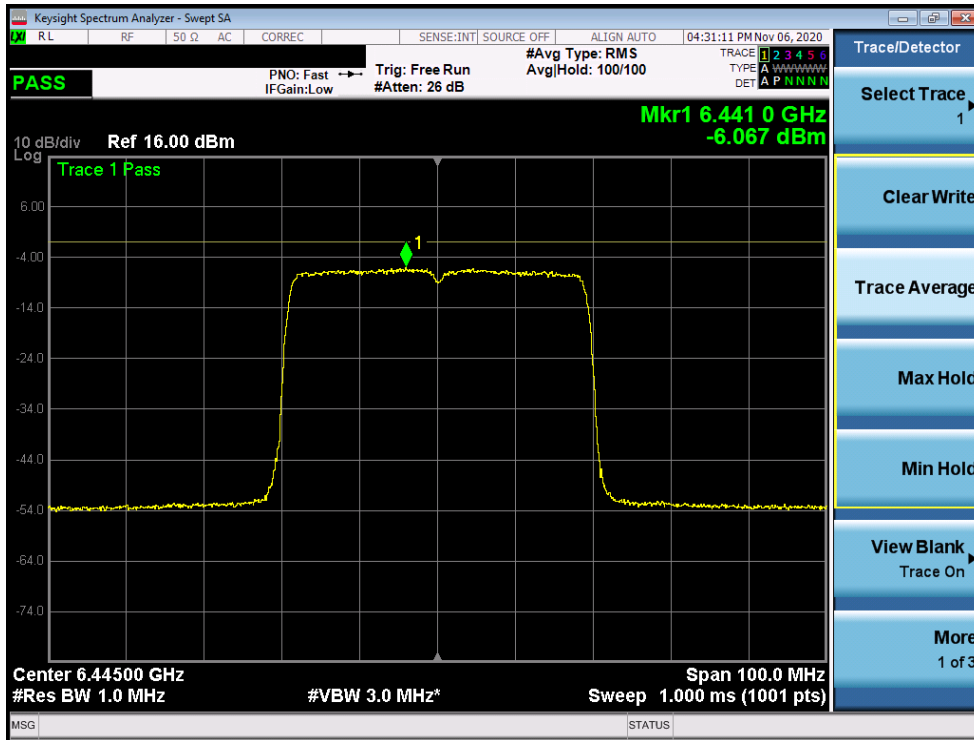


Plot 7-209. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 105)

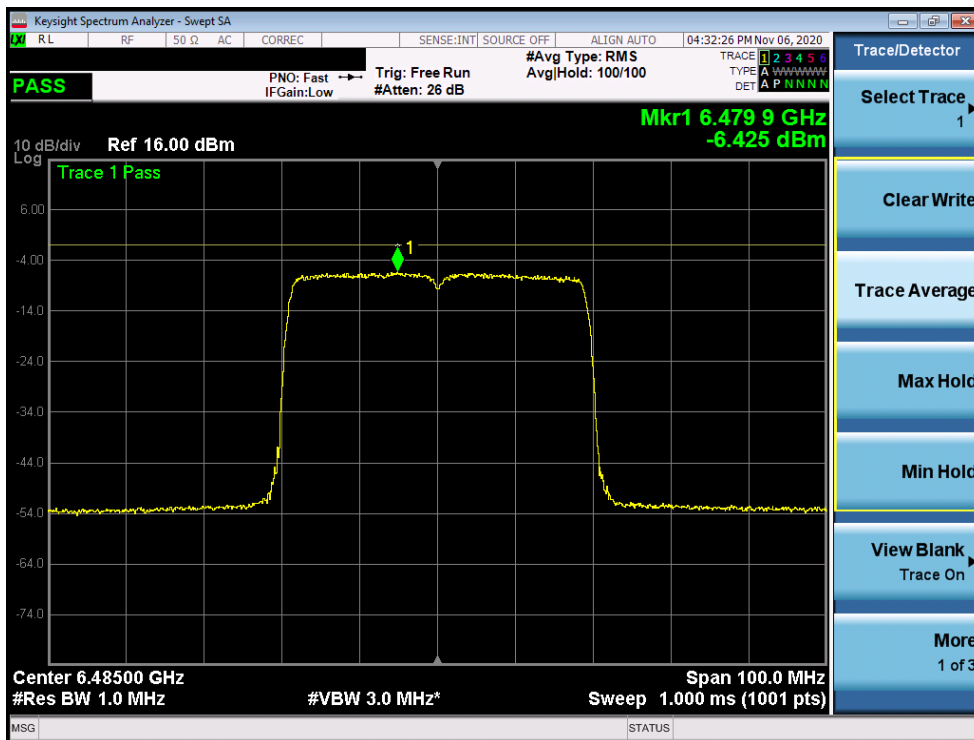


Plot 7-210. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 113)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 140 of 276



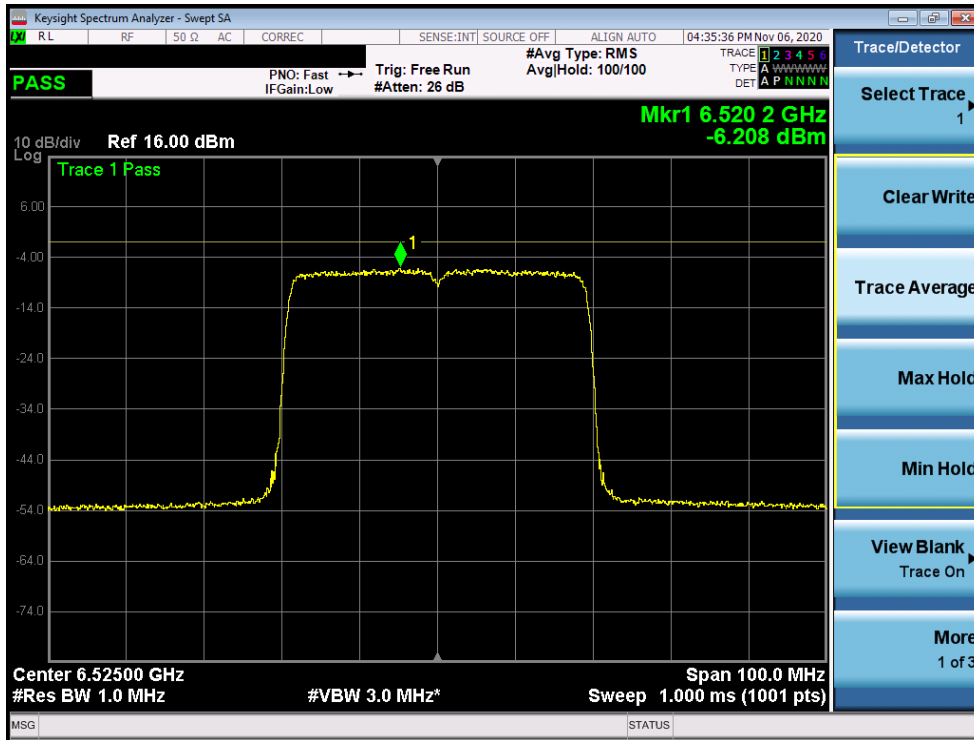
Plot 7-211. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 99)



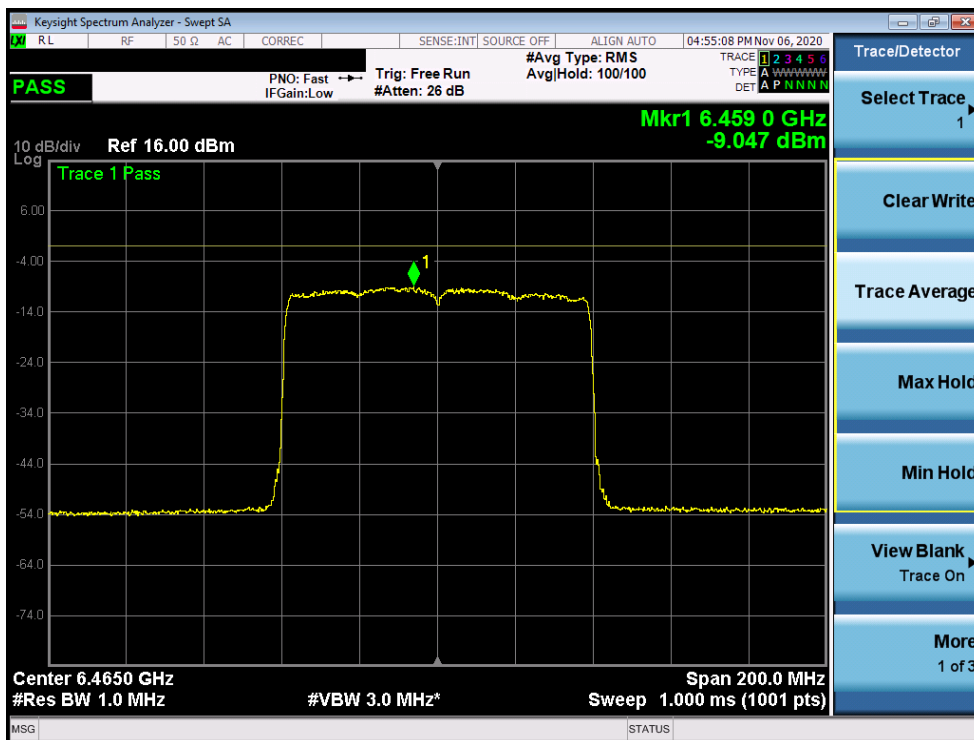
Plot 7-212. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 107)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 141 of 276



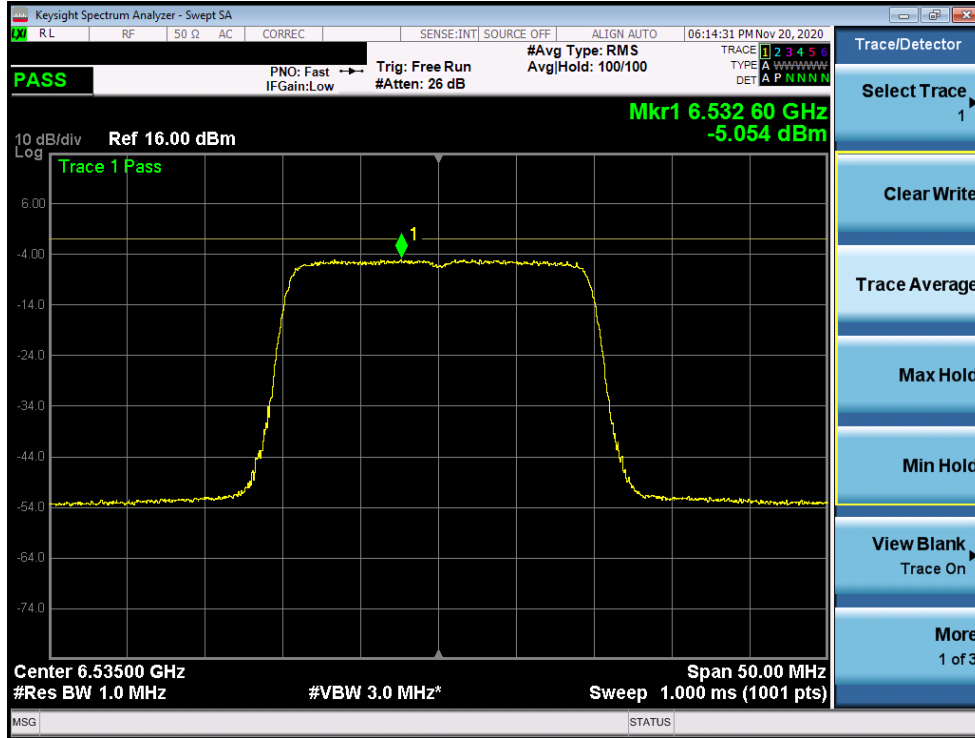


Plot 7-213. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 115)

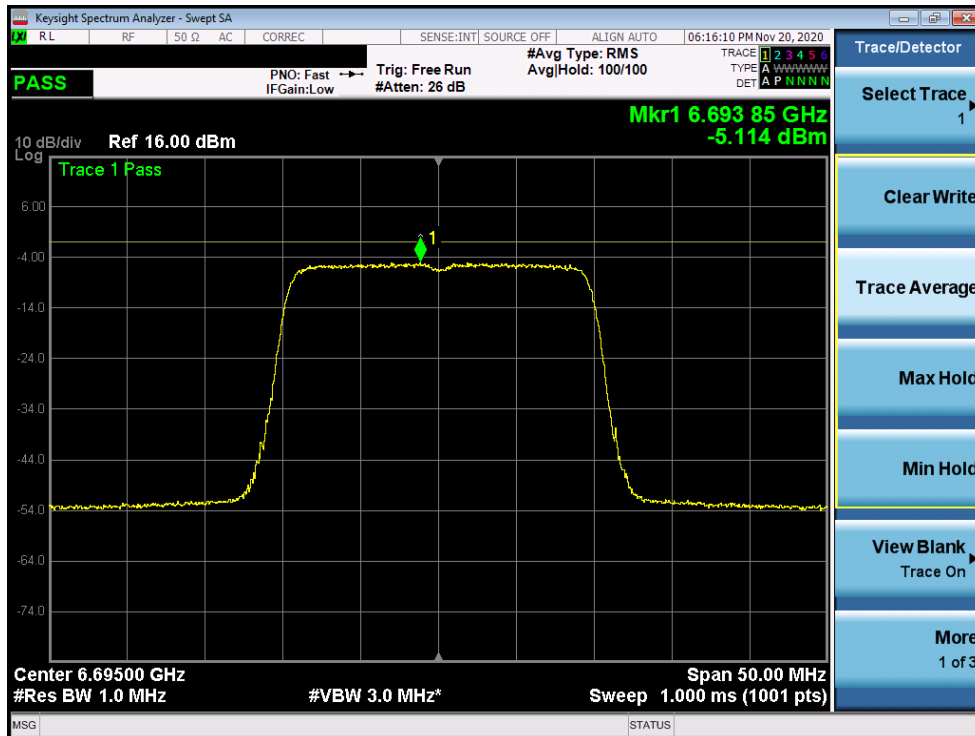


Plot 7-214. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 6) – Ch. 103)

FCC ID: A3LSMG998B	 <b>PCTEST</b> Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 142 of 276

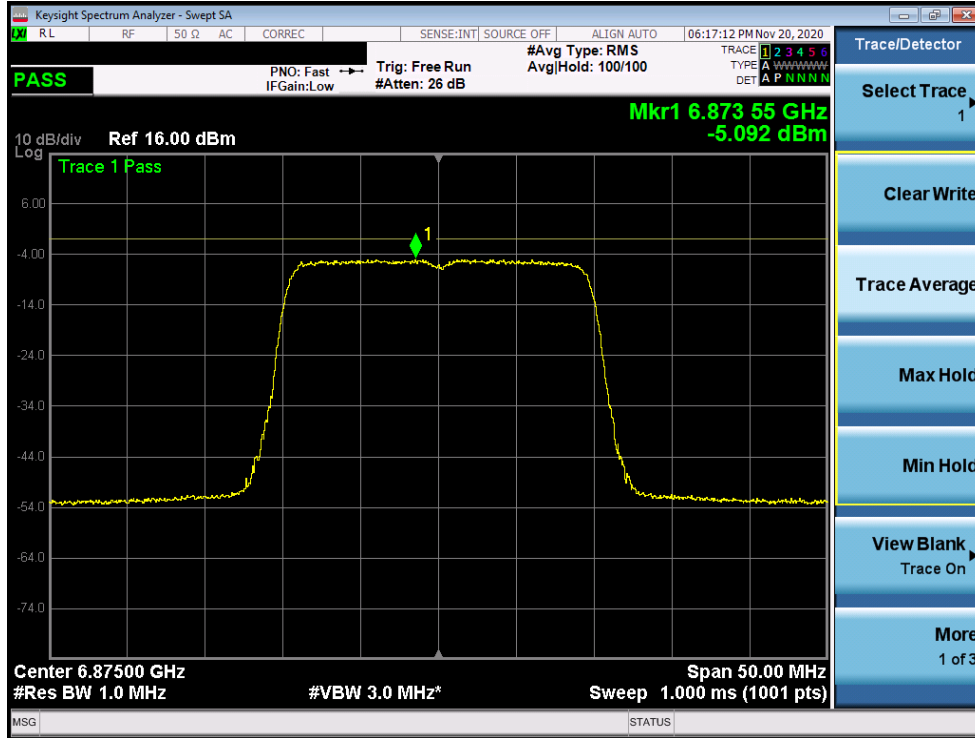


Plot 7-215. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 117)

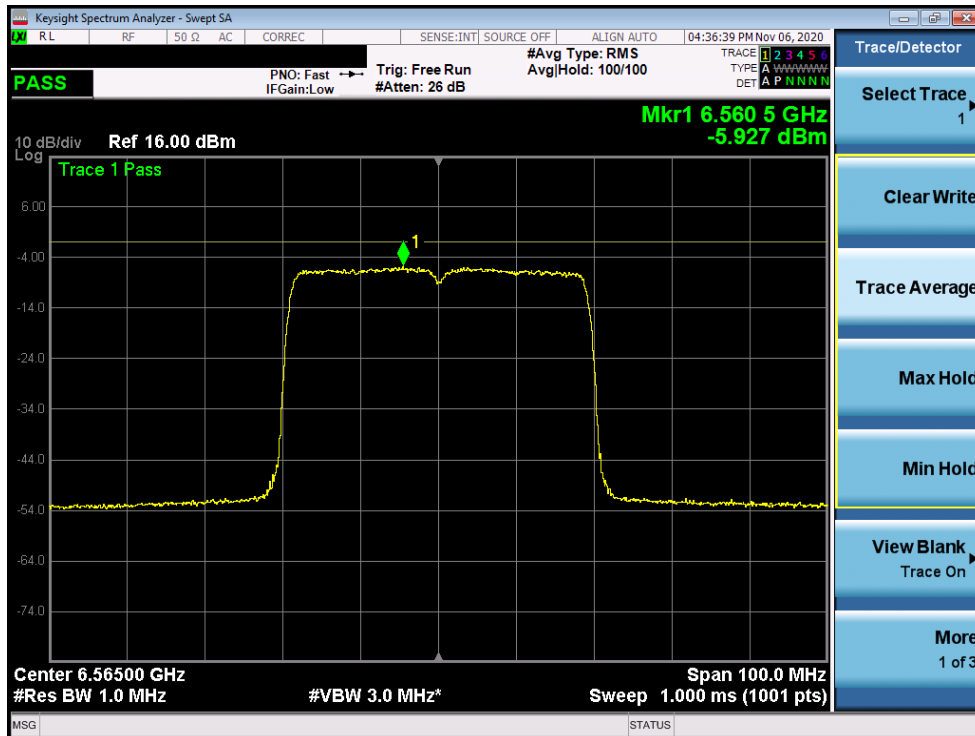


Plot 7-216. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 149)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 143 of 276

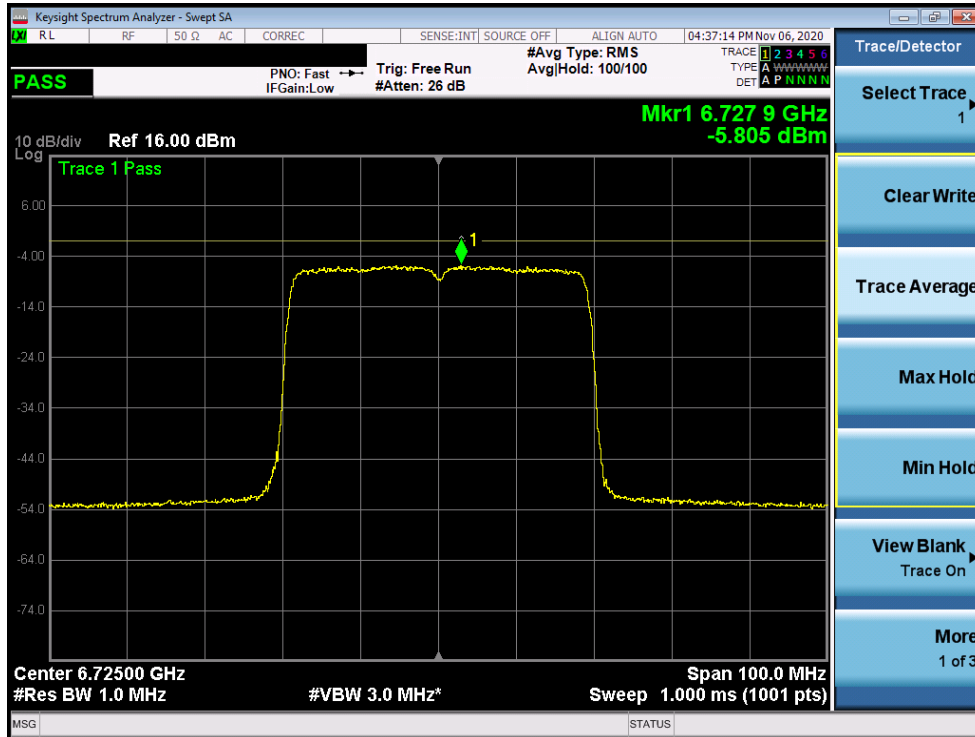


Plot 7-217. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 185)

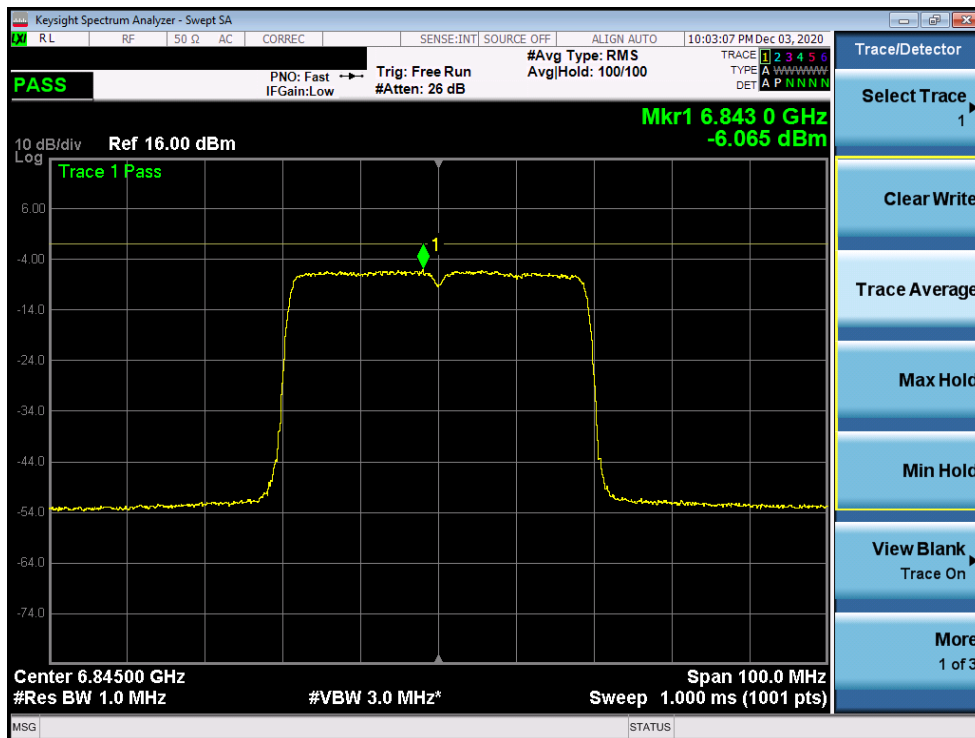


Plot 7-218. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 123)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 144 of 276

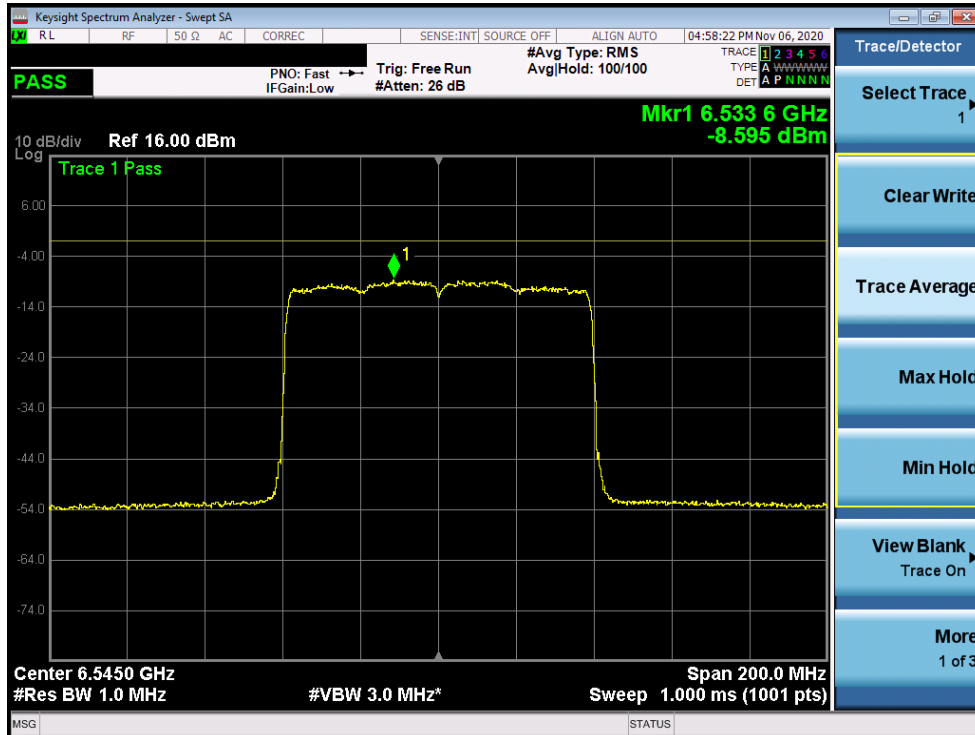


Plot 7-219. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 155)

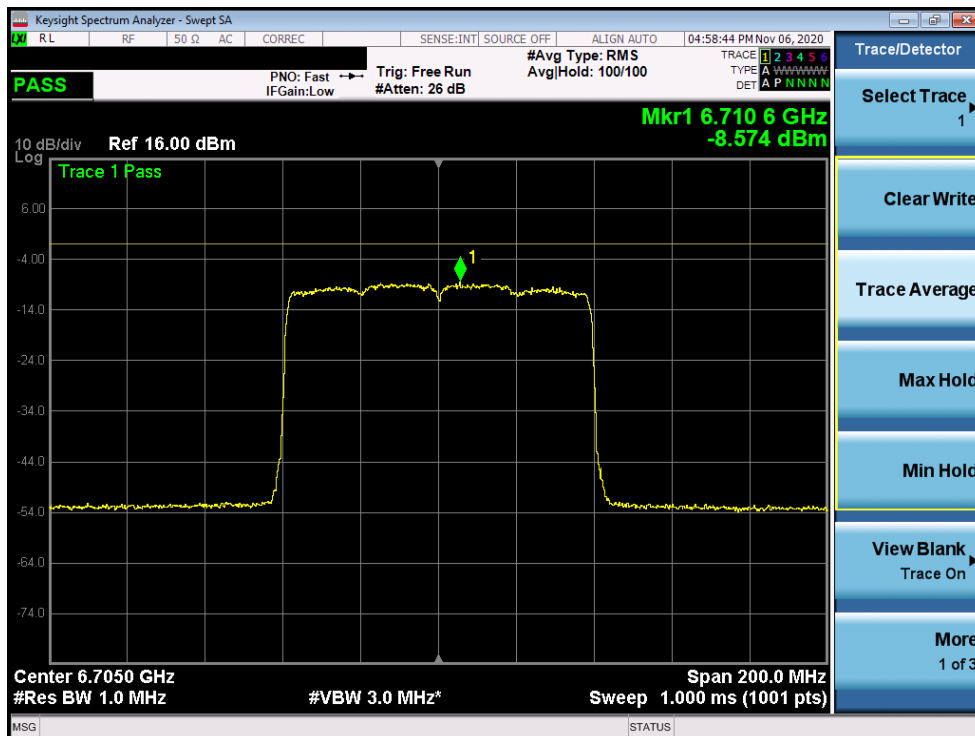


Plot 7-220. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 179)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 145 of 276

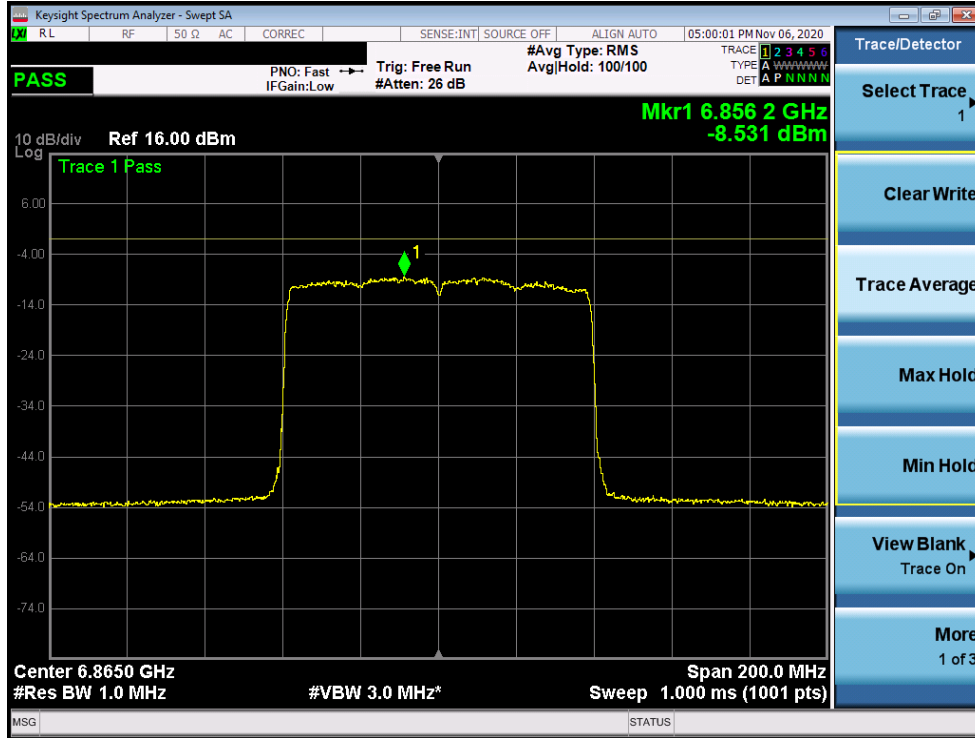


Plot 7-221. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 119)

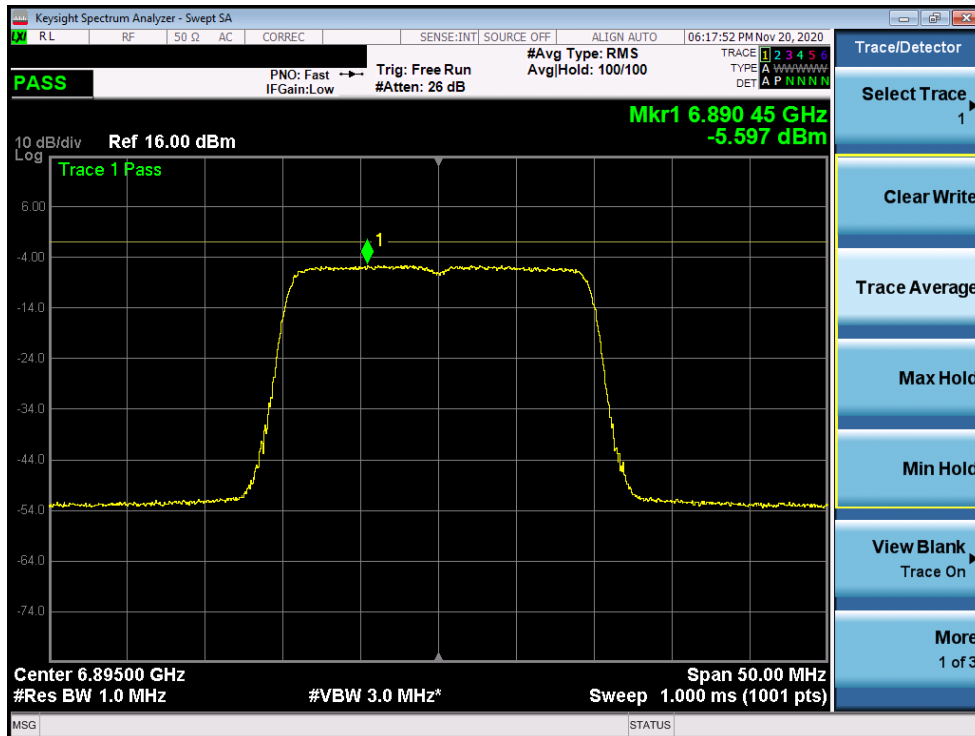


Plot 7-222. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 146 of 276

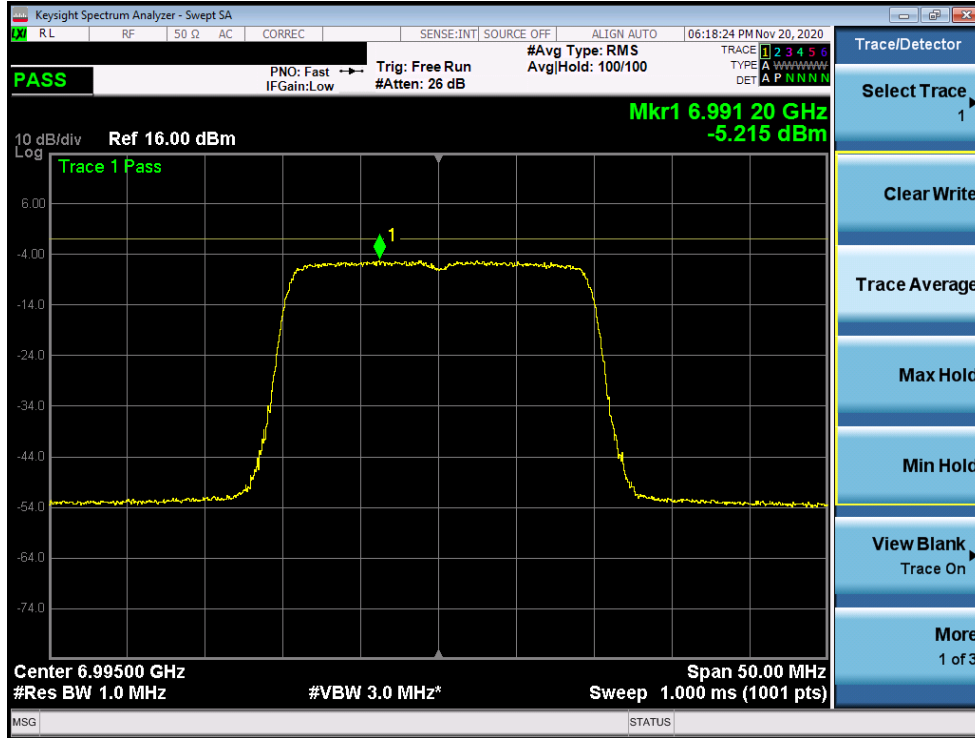


Plot 7-223. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 7) – Ch. 183)

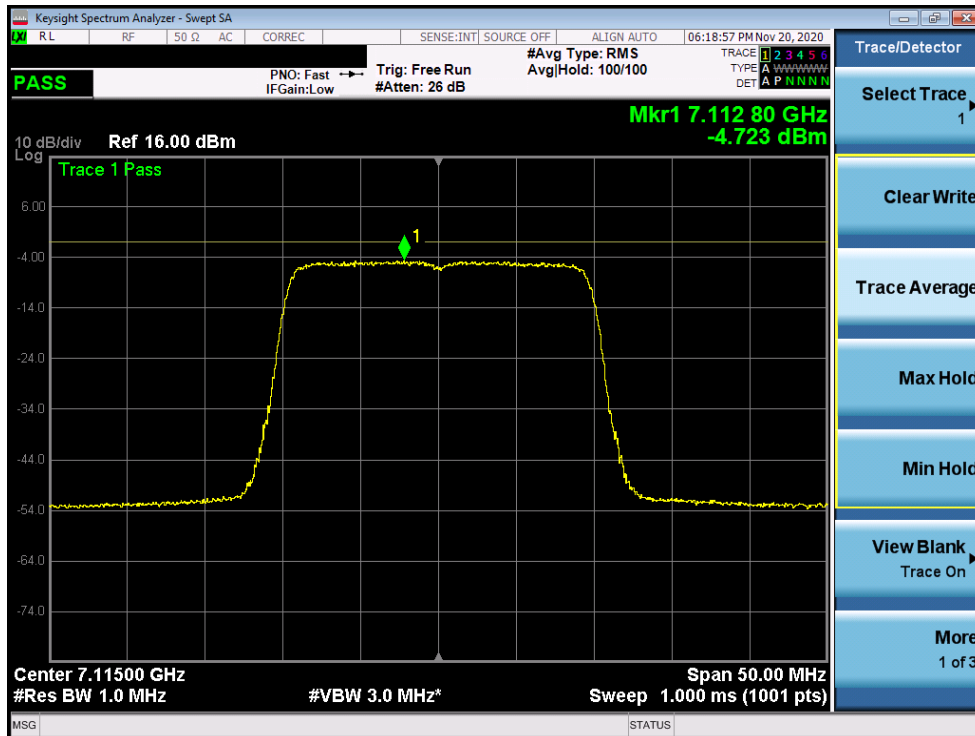


Plot 7-224. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 189)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 147 of 276

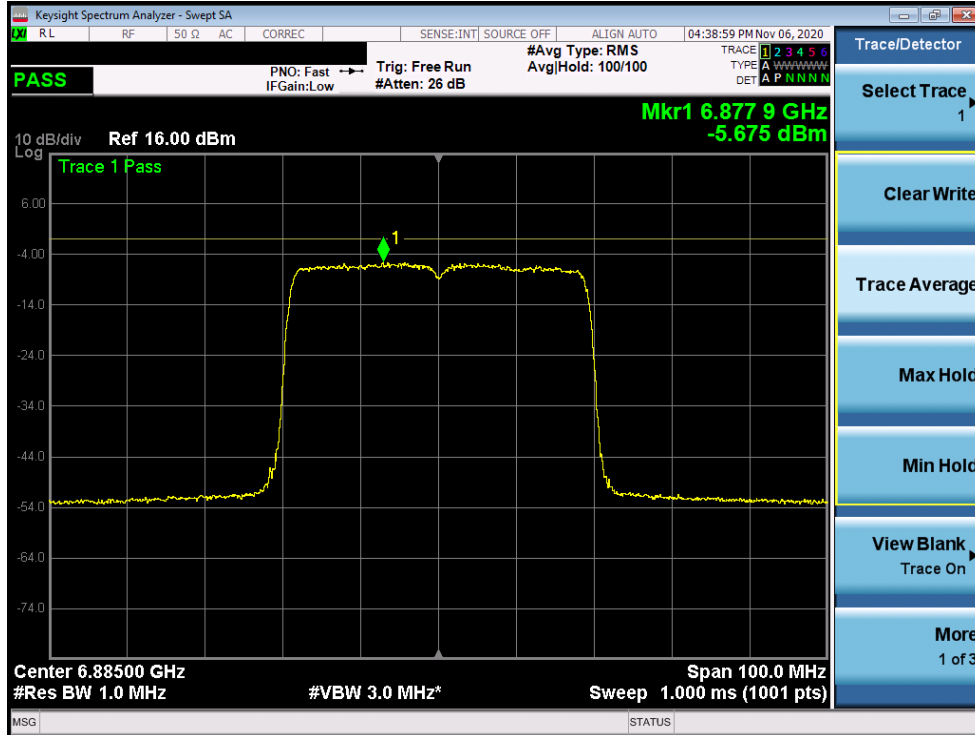


Plot 7-225. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 209)

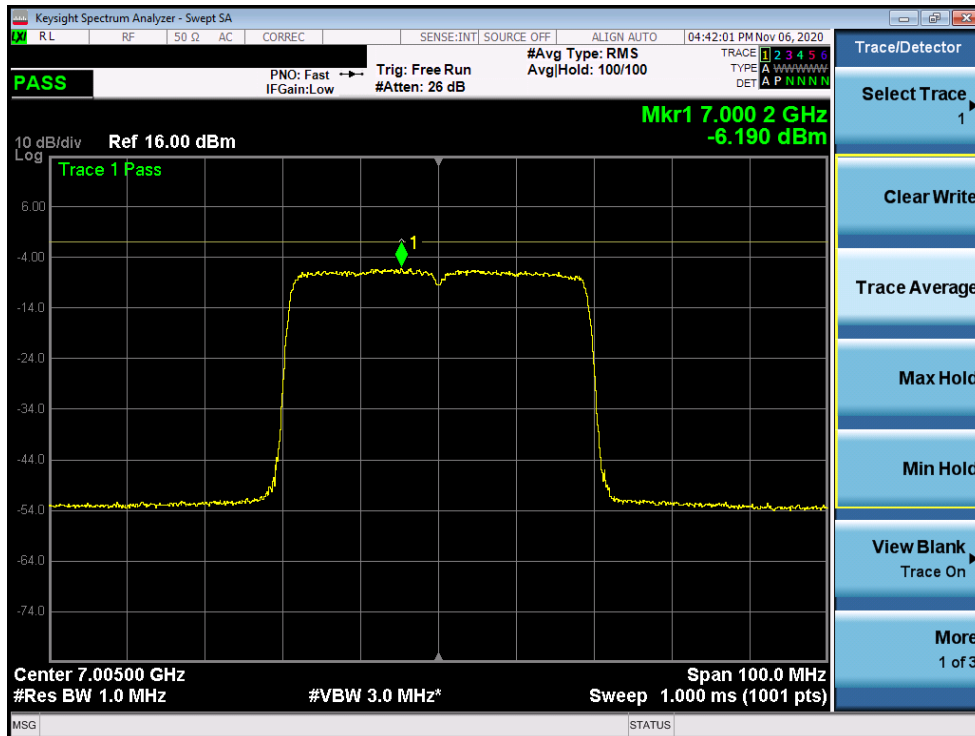


Plot 7-226. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 233)

FCC ID: A3LSMG998B	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 148 of 276



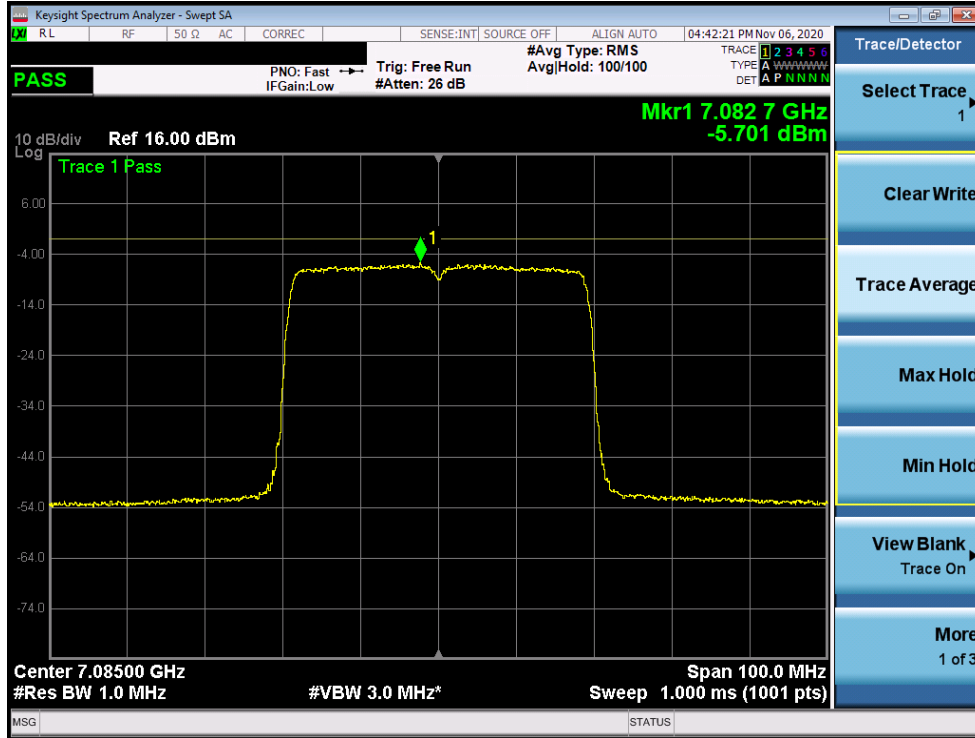
Plot 7-227. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 187)



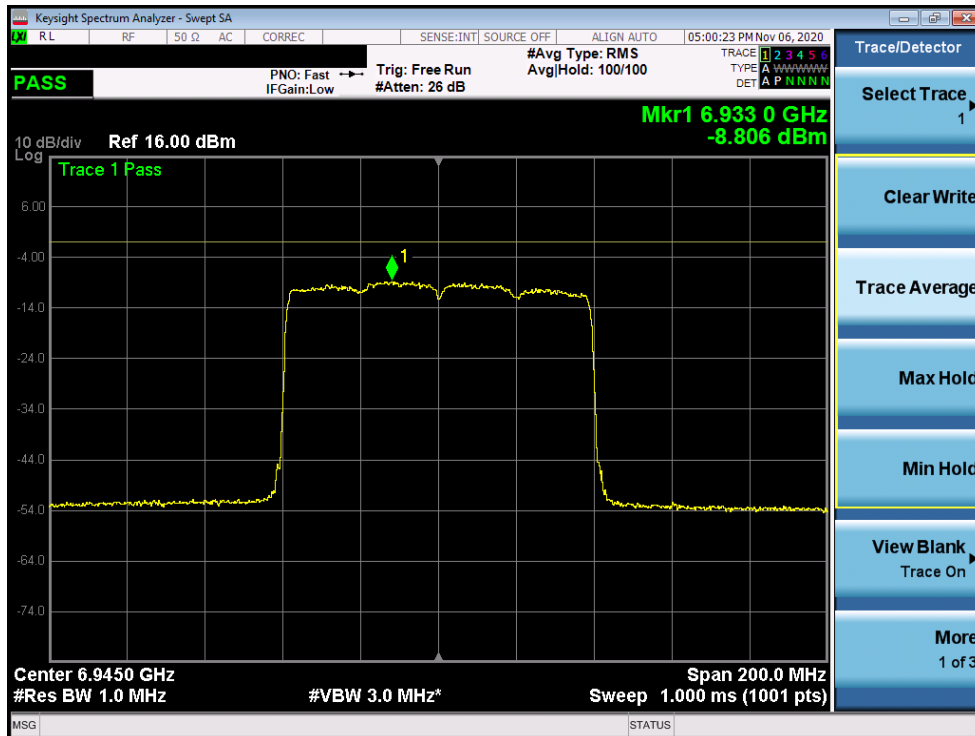
Plot 7-228. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 211)

FCC ID: A3LSMG998B	 <b>PCTEST</b> Proud to be part of 	<b>MEASUREMENT REPORT</b> (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 149 of 276



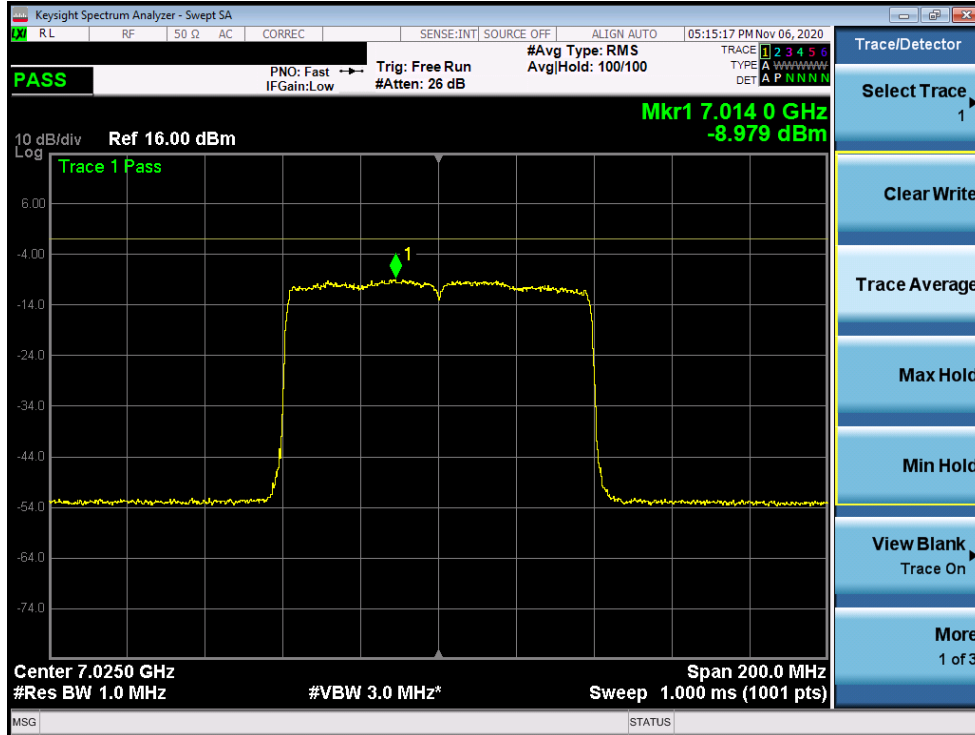


Plot 7-229. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 227)



Plot 7-230. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 199)

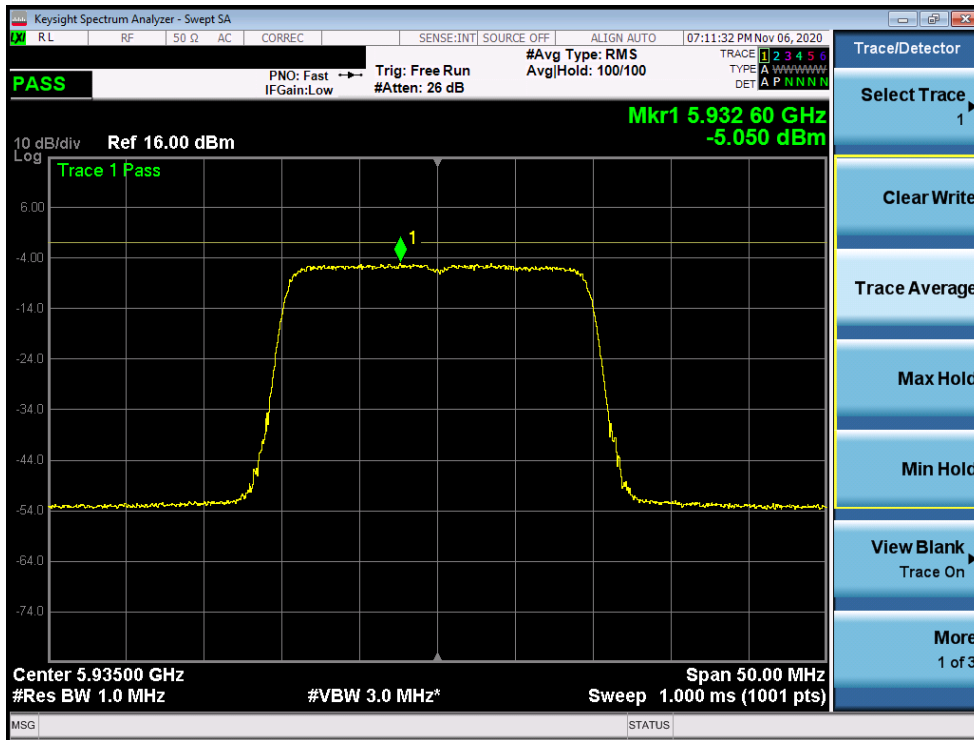
FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 150 of 276



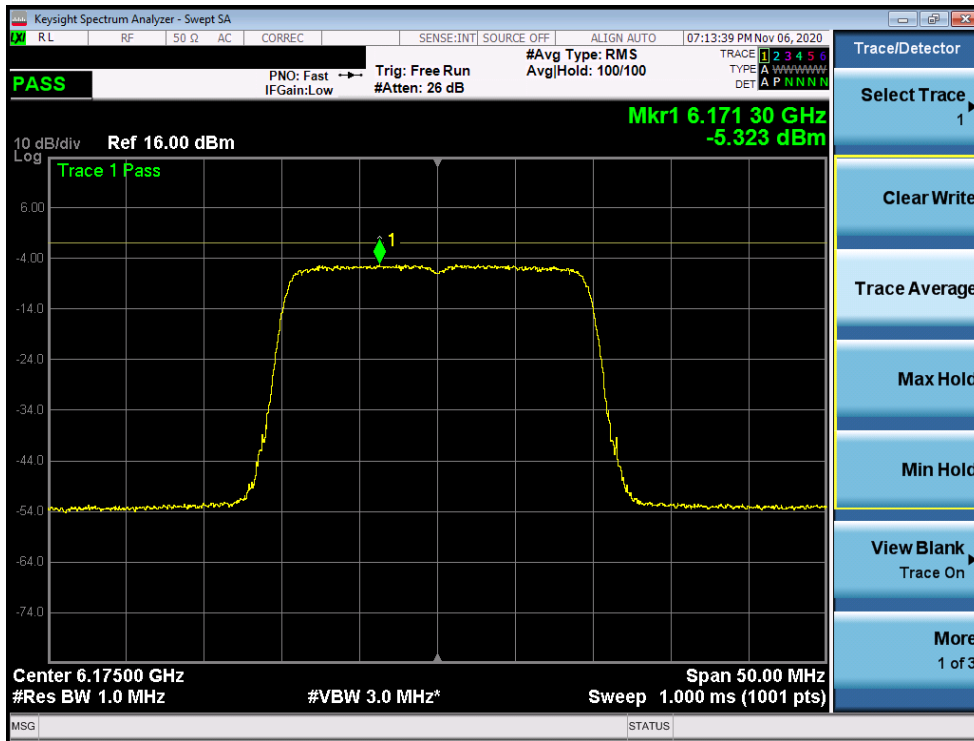
Plot 7-231. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tones) (UNII Band 8) – Ch. 215)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 151 of 276

**MIMO Antenna-2 Power Spectral Density Measurements (Full Tones)**

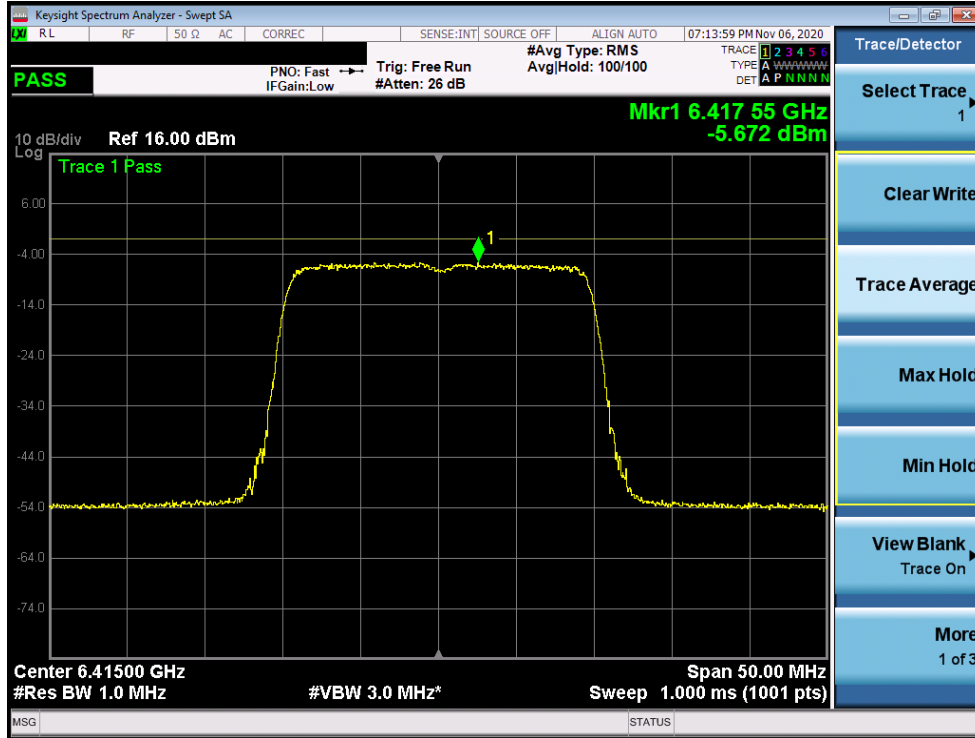


Plot 7-232. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tones) UNII Band 5) – Ch. 2)

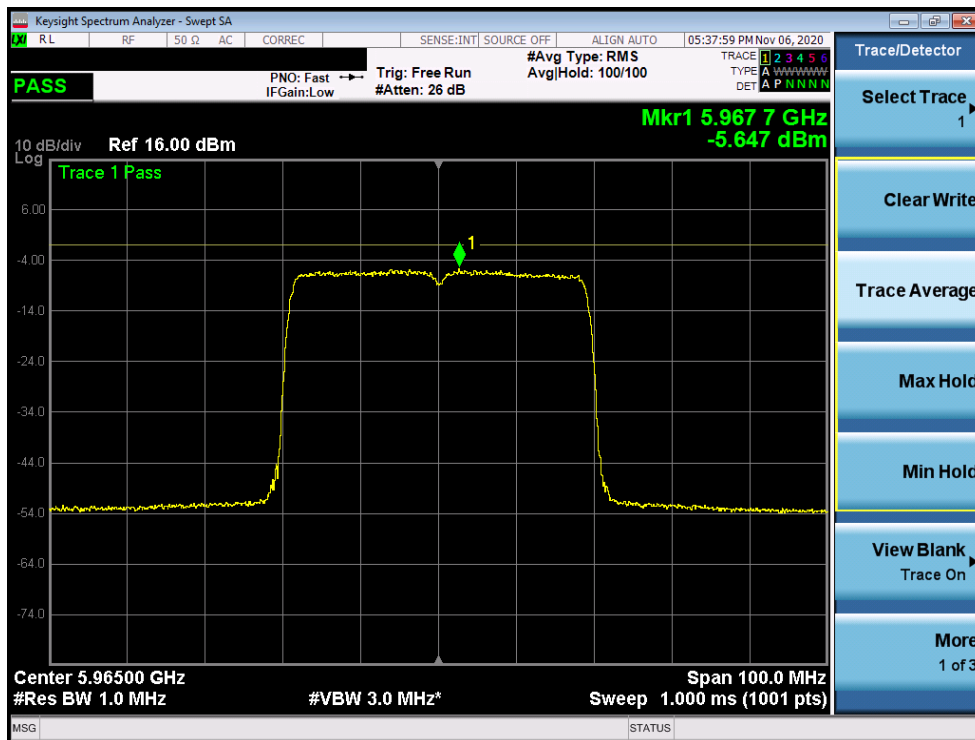


Plot 7-233. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 45)

FCC ID: A3LSMG998B	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 152 of 276



Plot 7-234. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tones) UNII Band 5) – Ch. 93)



Plot 7-235. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tones) (UNII Band 5) – Ch. 3)

FCC ID: A3LSMG998B	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2009230154-27-R1.A3L	Test Dates: 9/28/2020-12/14/2020	EUT Type: Portable Handset		Page 153 of 276