

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

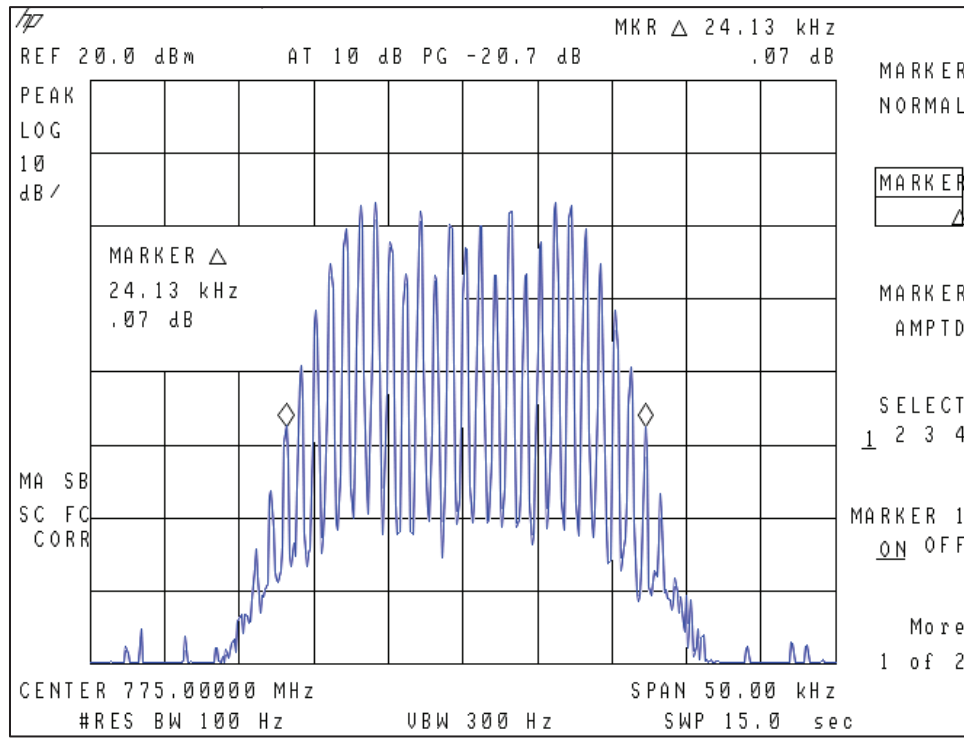


Figure 102. Input 775 MHz @ 25 kHz

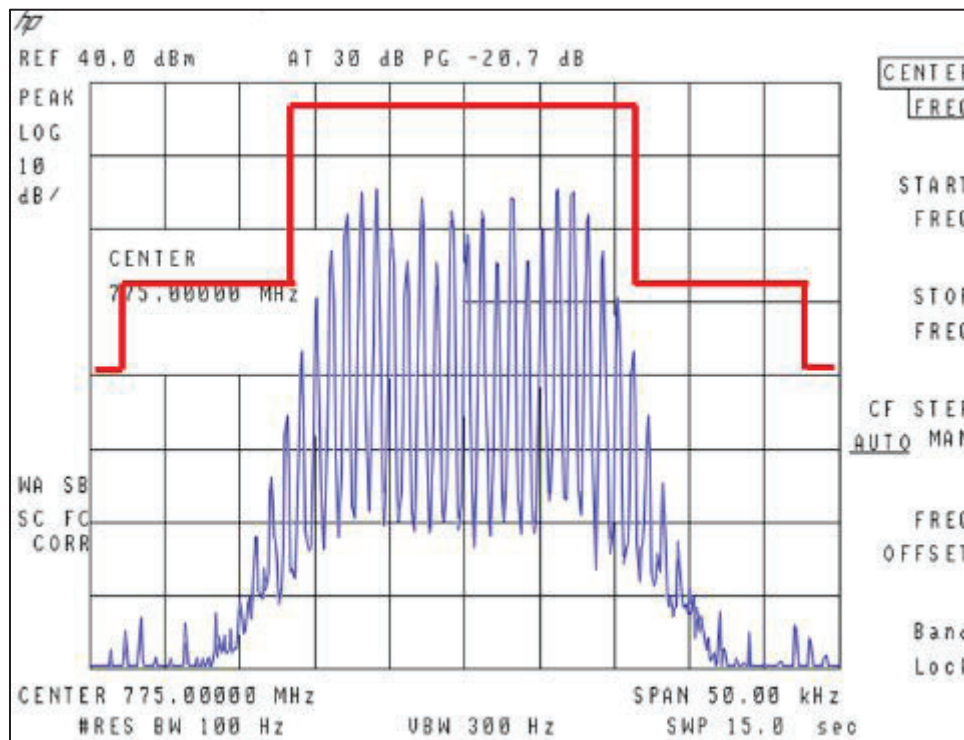


Figure 103. 775 MHz @ 25 kHz, Mask B

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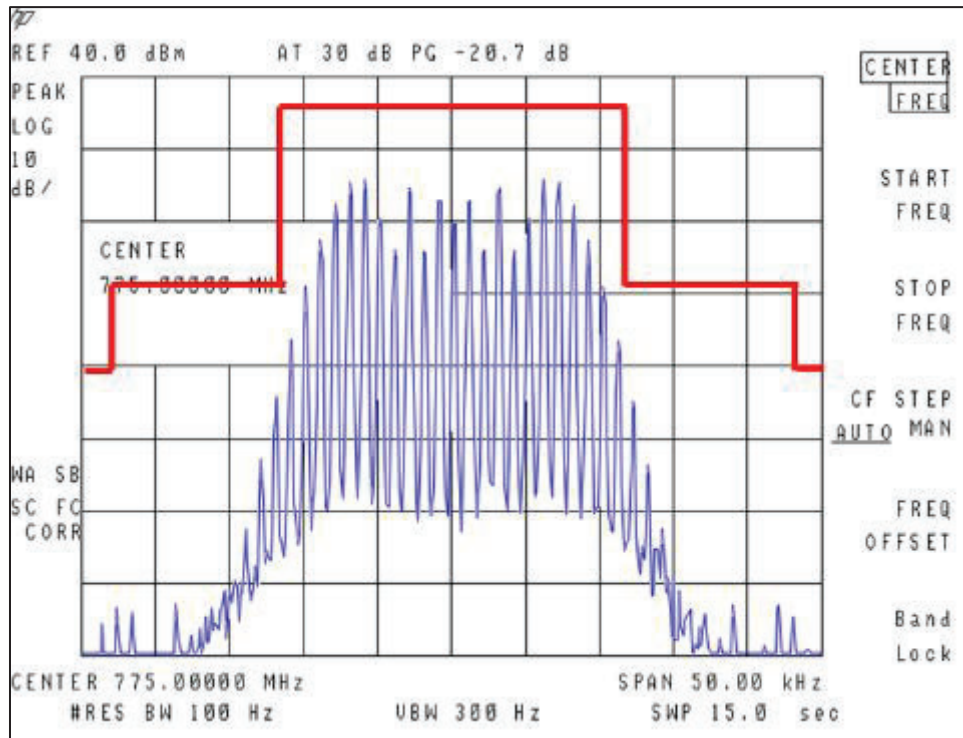


Figure 104. 775 MHz @ 25 kHz +3.0 dB, Mask B

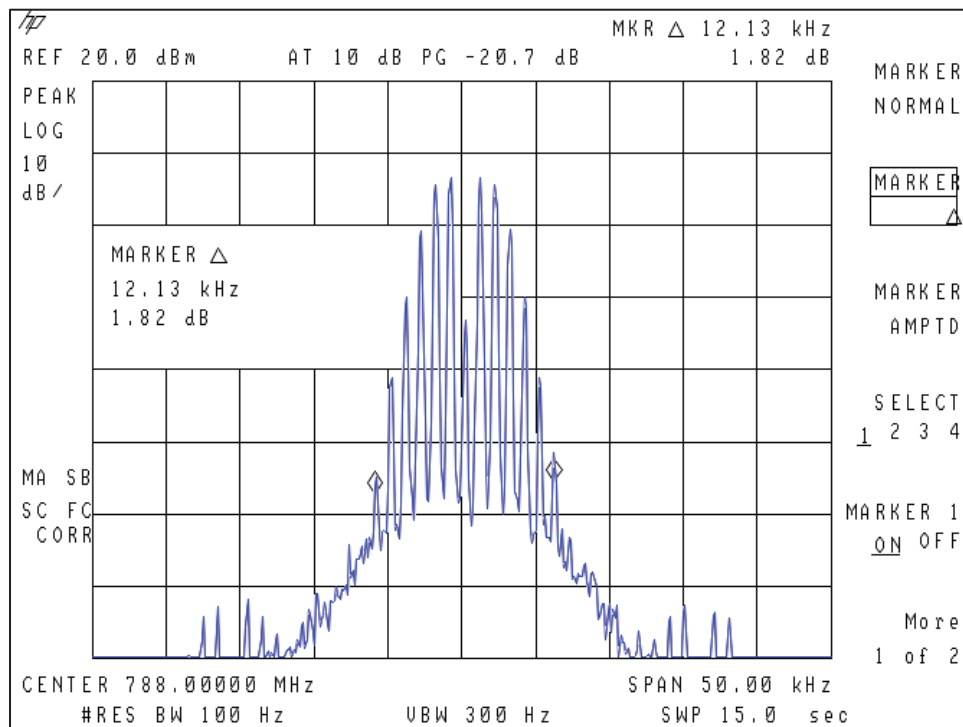


Figure 105. Input 788 MHz @ 12.5 kHz

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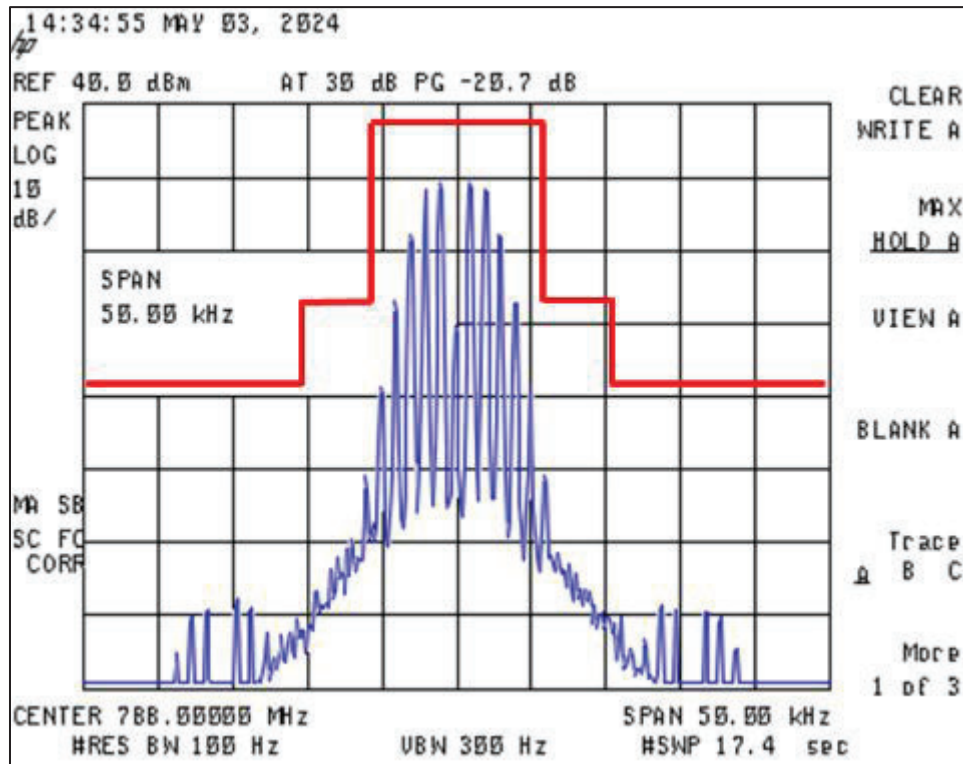


Figure 106. 788 MHz @ 12.5 kHz, Mask B

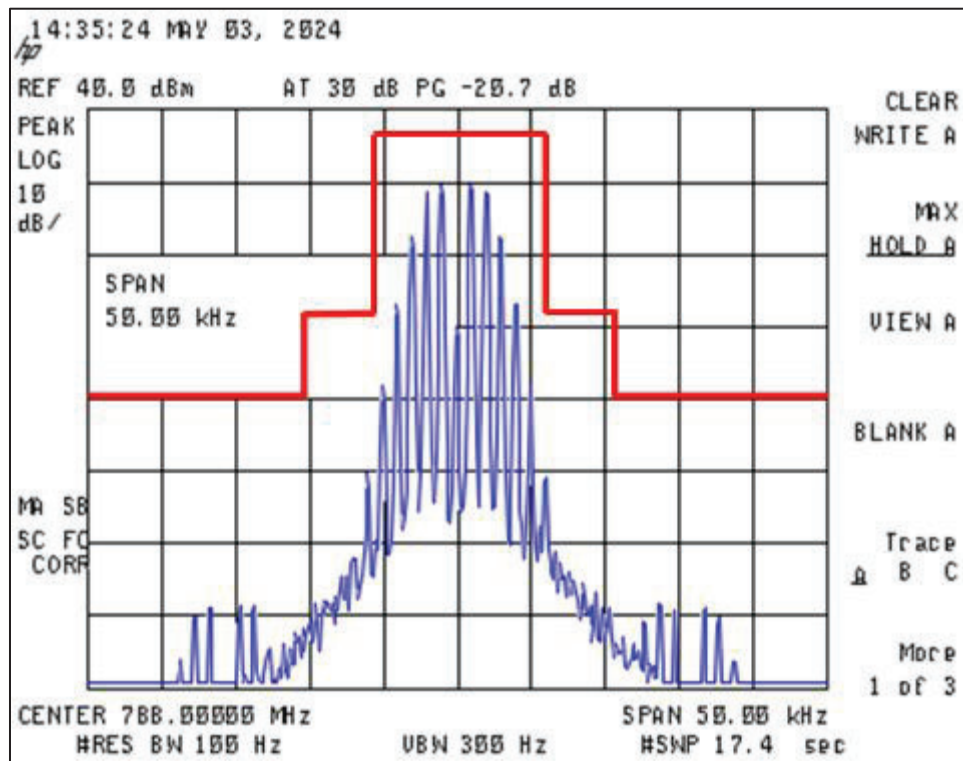


Figure 107. 788 MHz @ 12.5 kHz + 3.0 dB, Mask B

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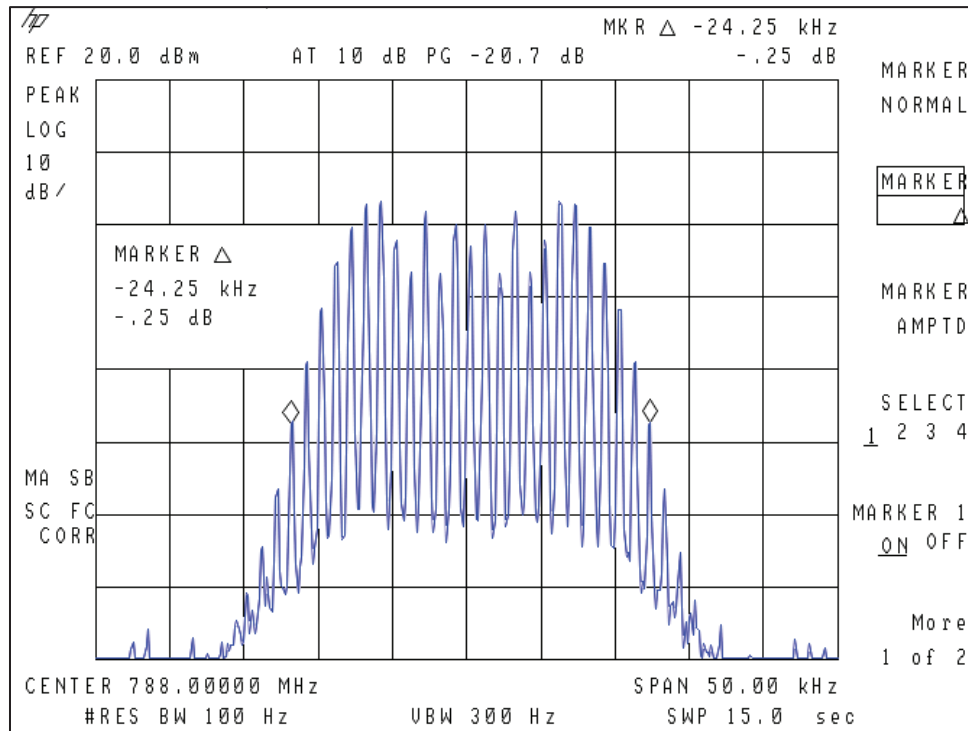


Figure 108. Input 788 MHz @ 25 kHz

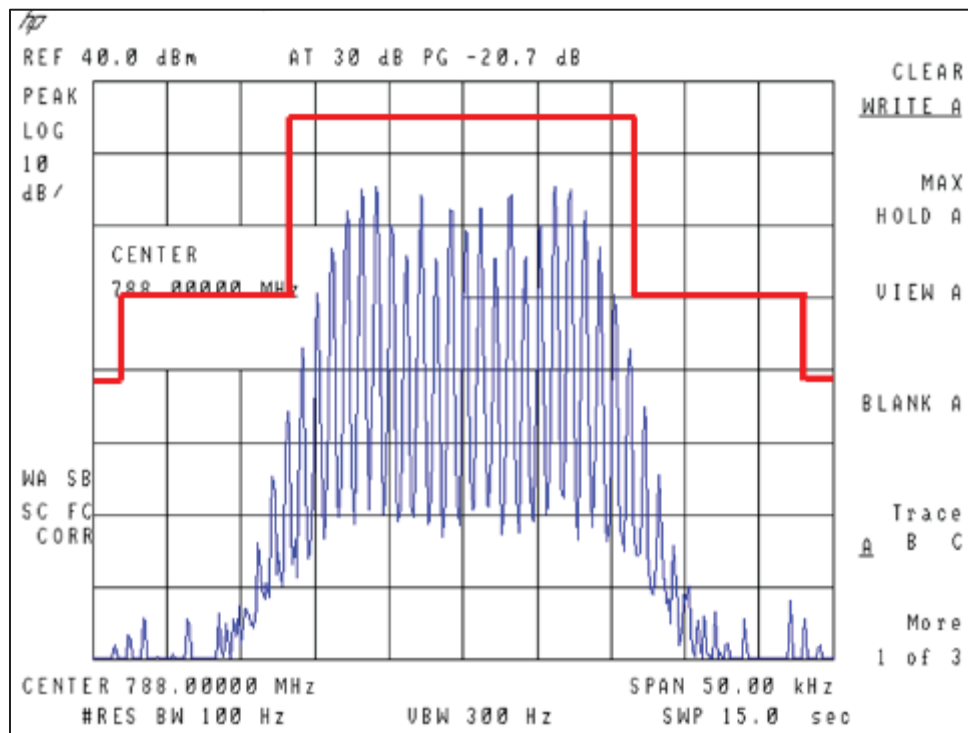


Figure 109. 788 MHz @ 25 kHz, Mask B

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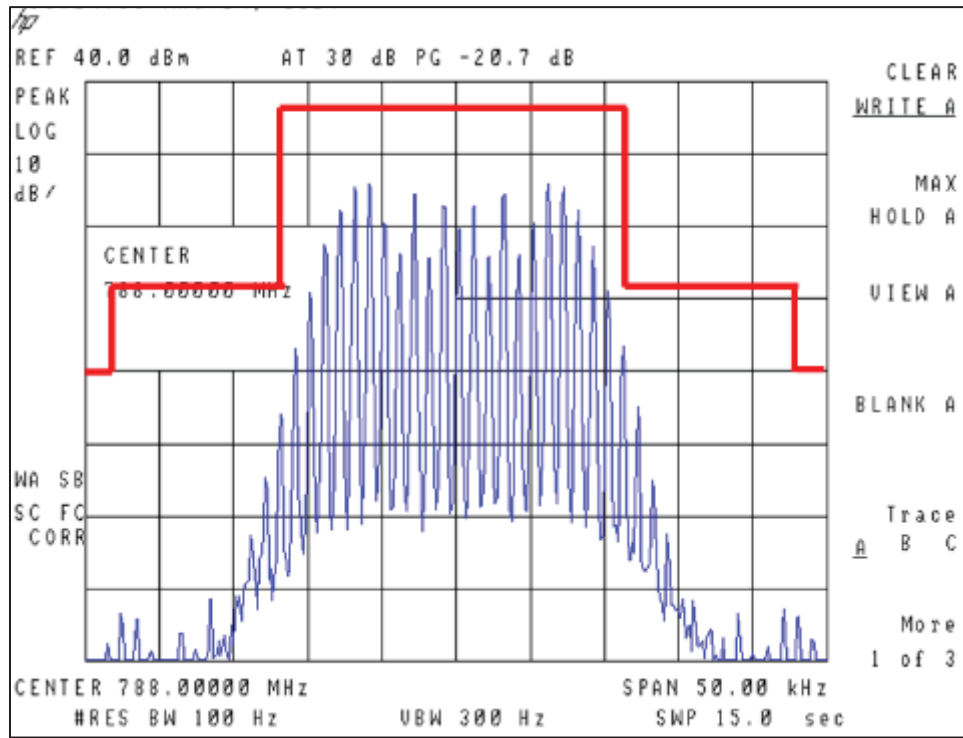


Figure 110. 788 MHz @ 25 kHz + 3.0 dB, Mask B

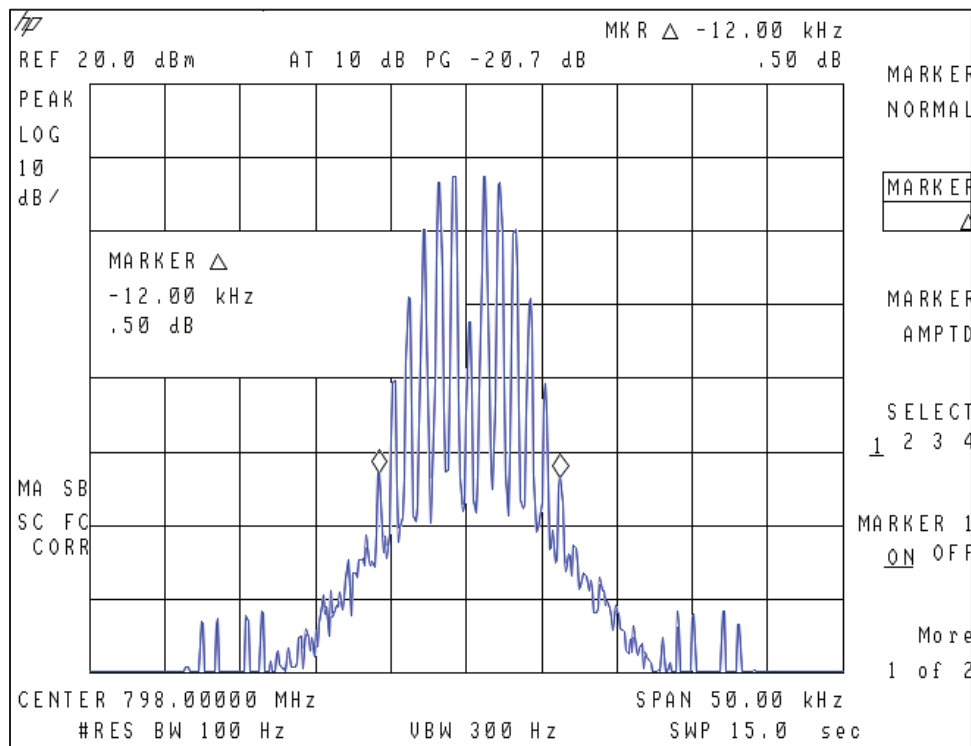


Figure 111. Input 798 MHz @ 12.5 kHz

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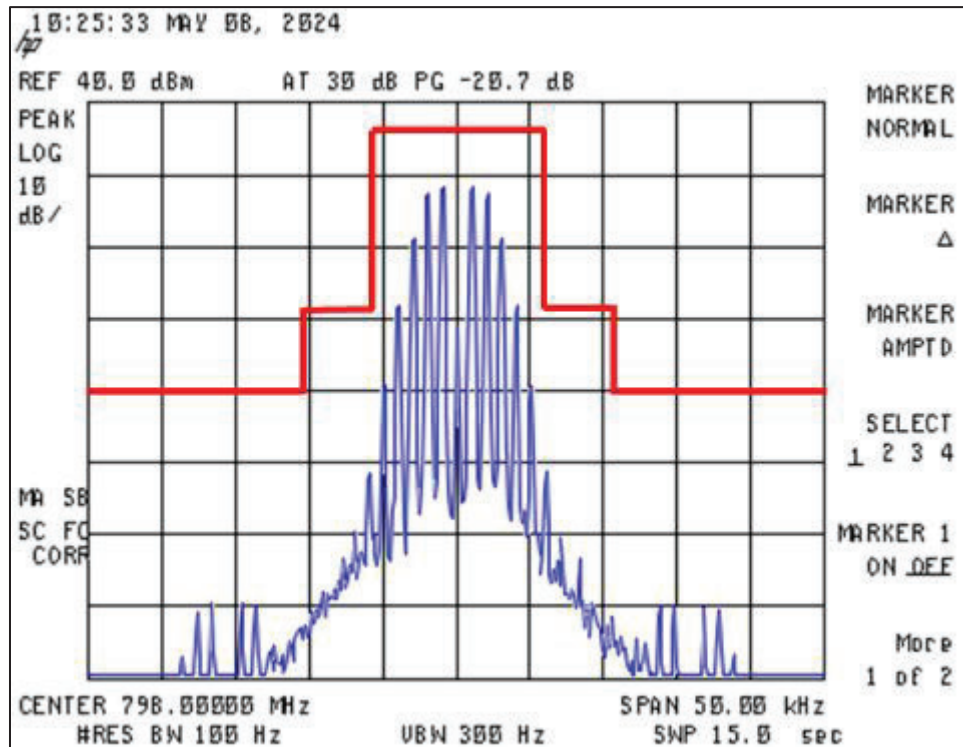


Figure 112. 798 MHz @ 12.5 kHz, Mask B

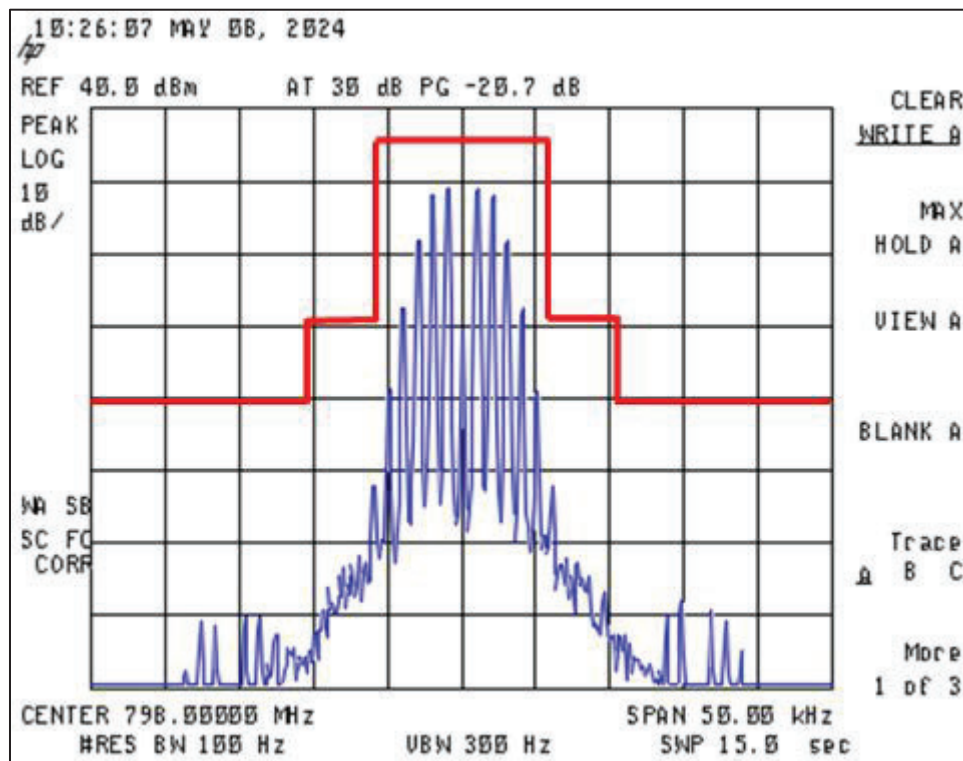


Figure 113. 798 MHz @ 12.5 kHz + 3.0 dB, Mask B

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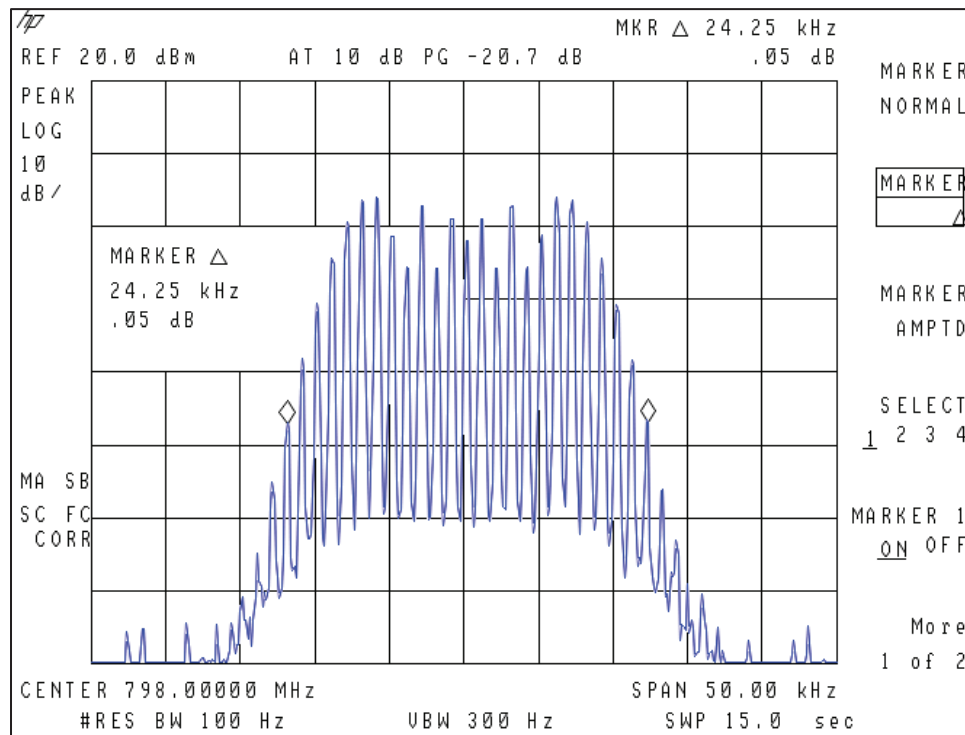


Figure 114. Input 798 MHz @ 25 kHz

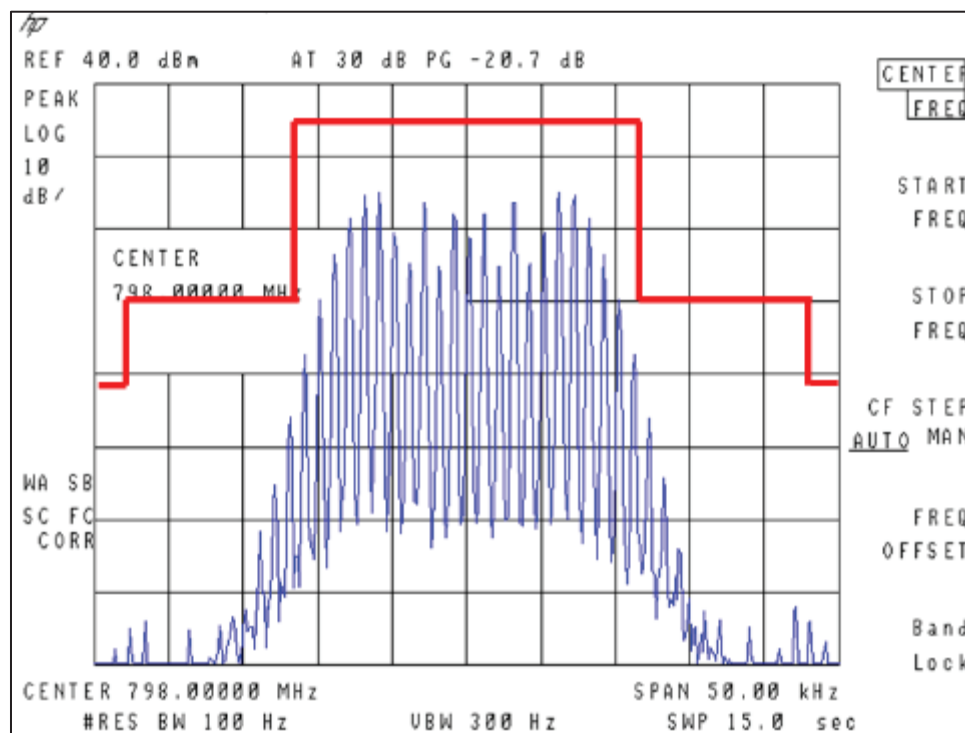


Figure 115. 798 MHz @ 25 kHz, Mask B

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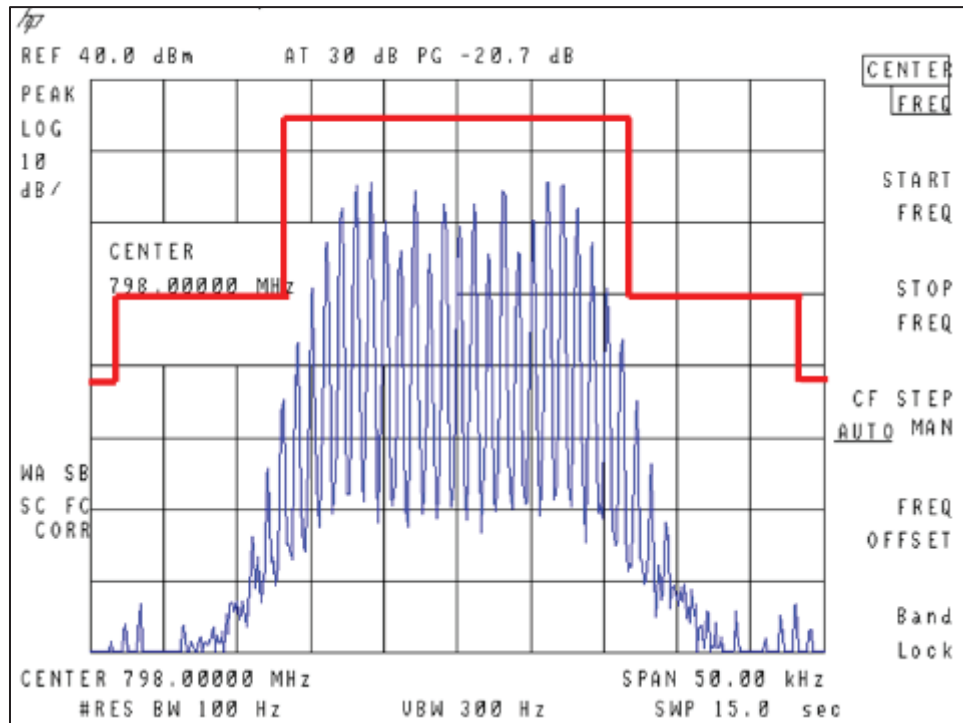


Figure 116. 798 MHz @ 25 kHz + 3.0 dB, Mask B

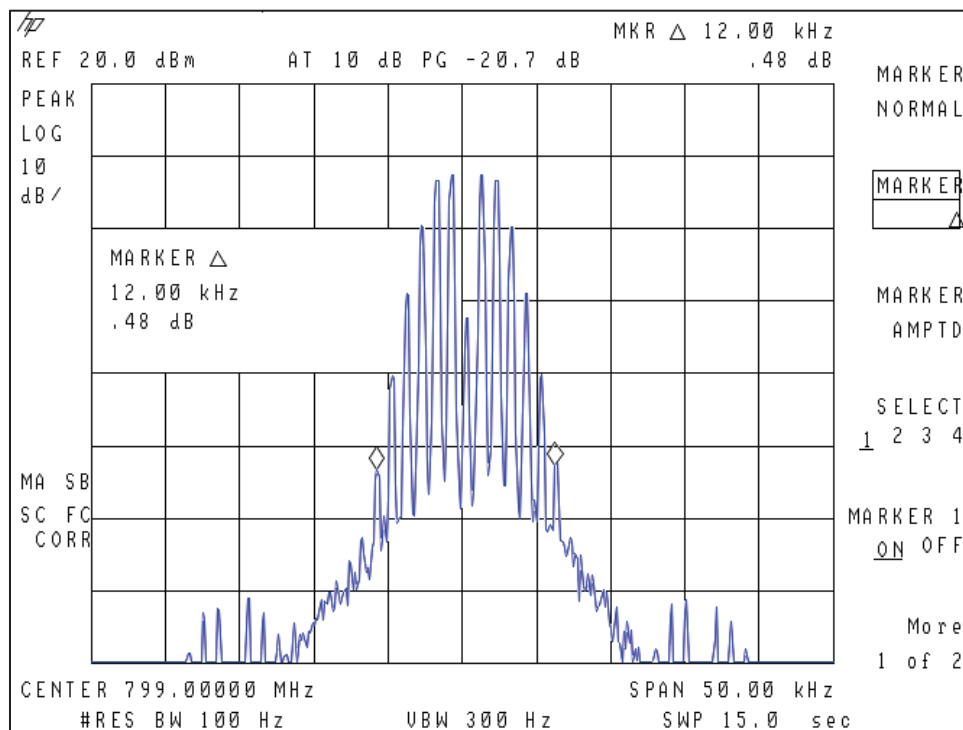


Figure 117. Input 799 MHz @ 12.5 kHz

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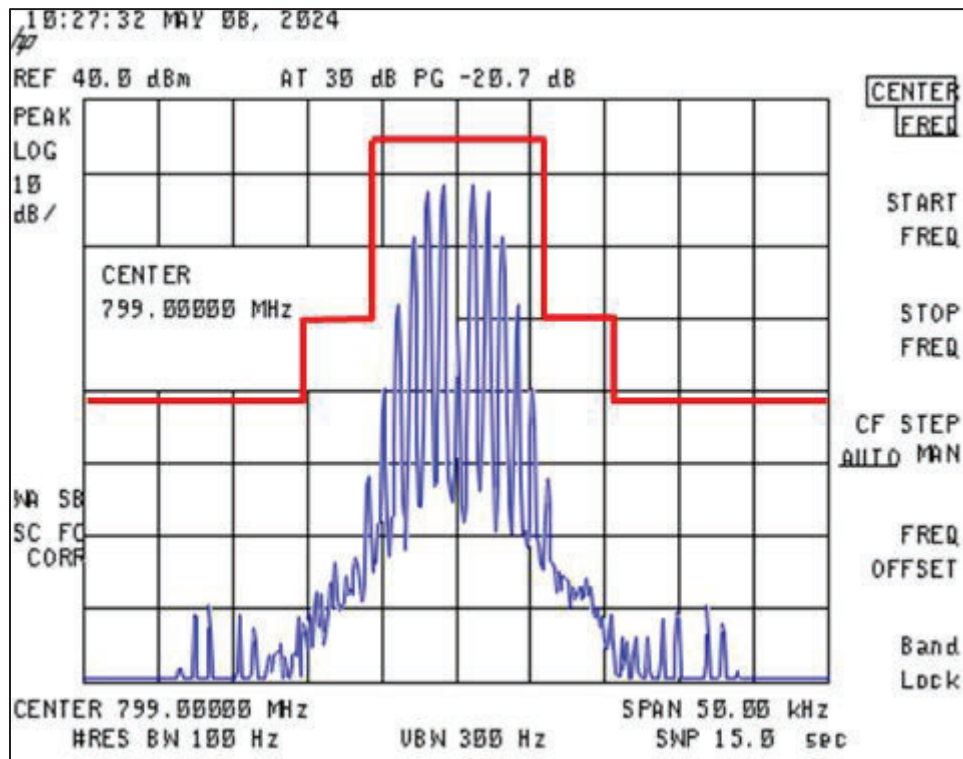


Figure 118. 799 MHz @ 12.5 MHz, Mask B

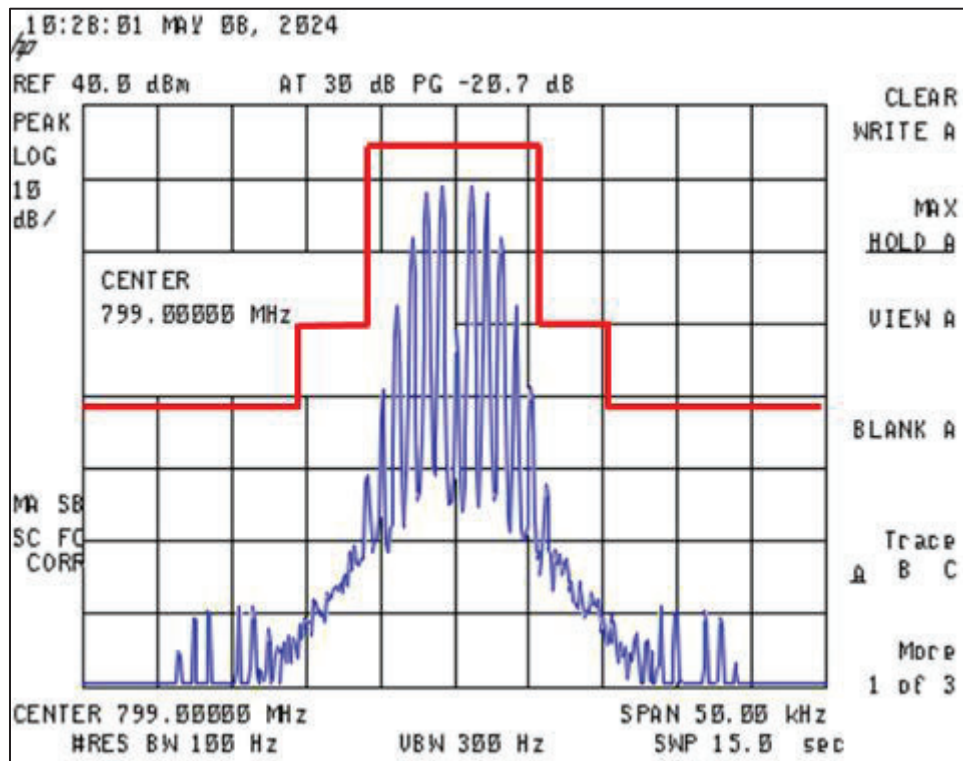


Figure 119. 799 MHz @ 12.5 kHz + 3.0 dB, Mask B

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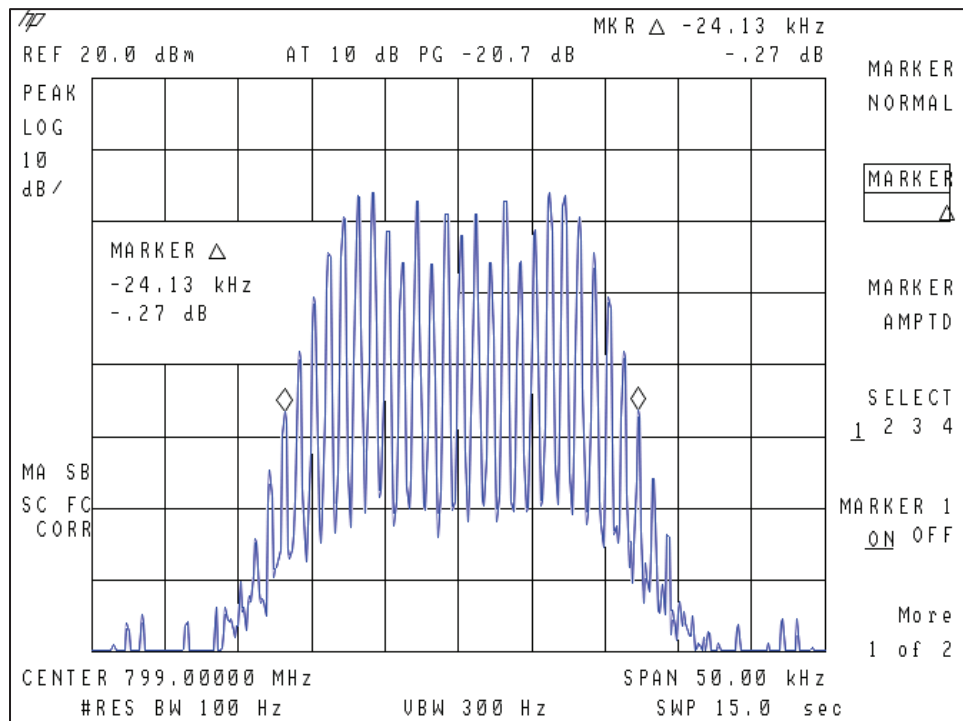


Figure 120. Input 799 MHz @ 25 kHz

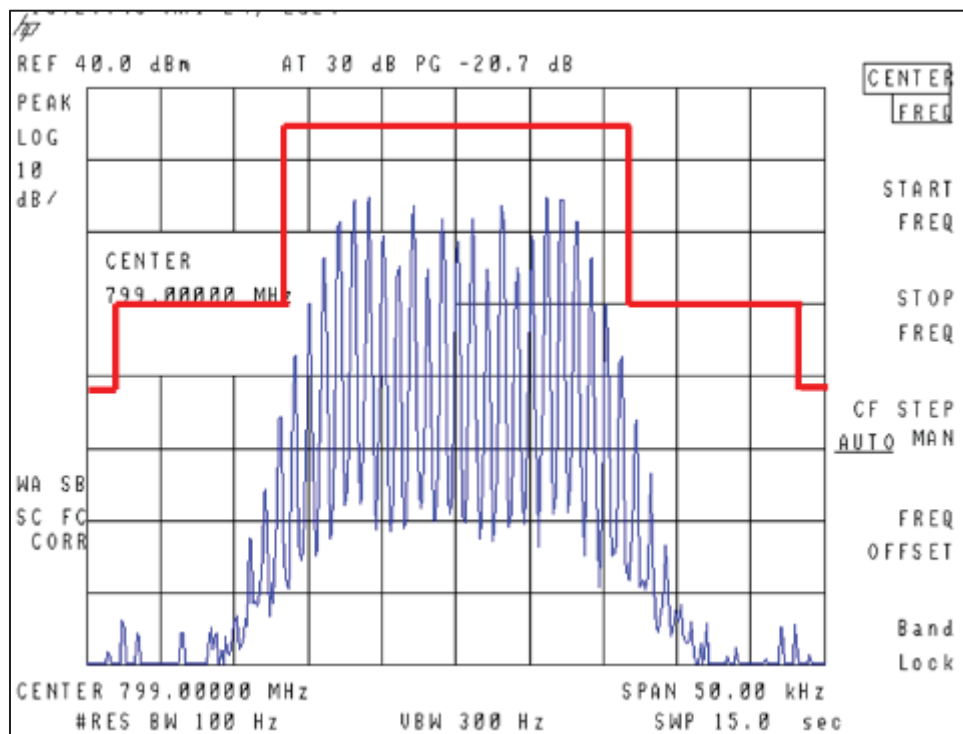


Figure 121. 799 MHz @ 25 kHz, Mask B

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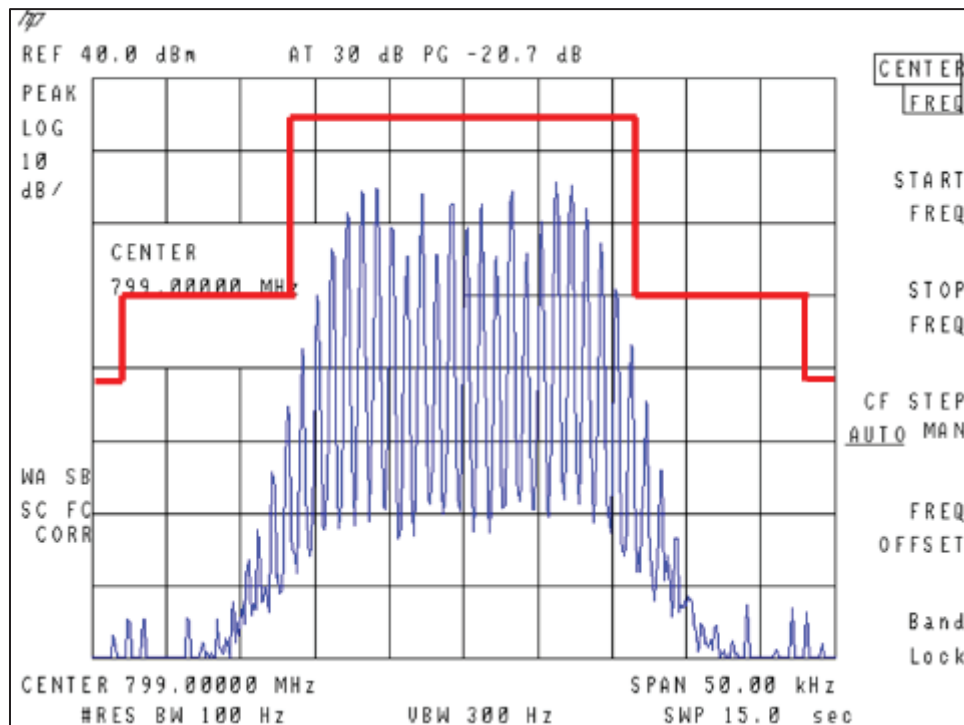


Figure 122. 799 MHz @ 25 kHz + 3.0 dB, Mask B

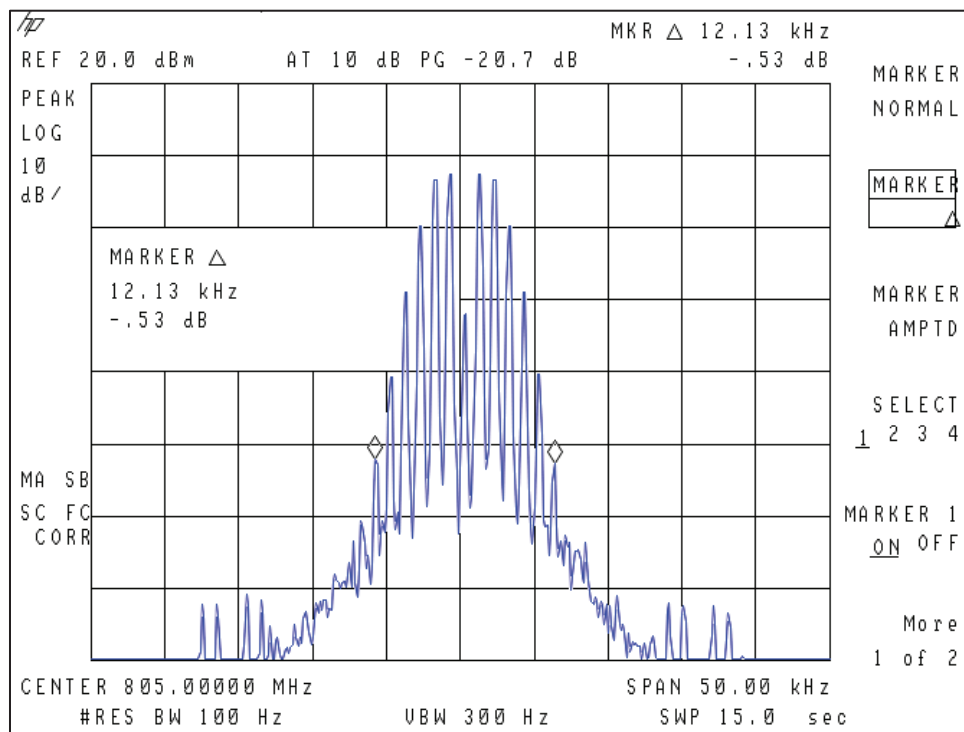


Figure 123. Input 805 MHz @ 12.5 kHz

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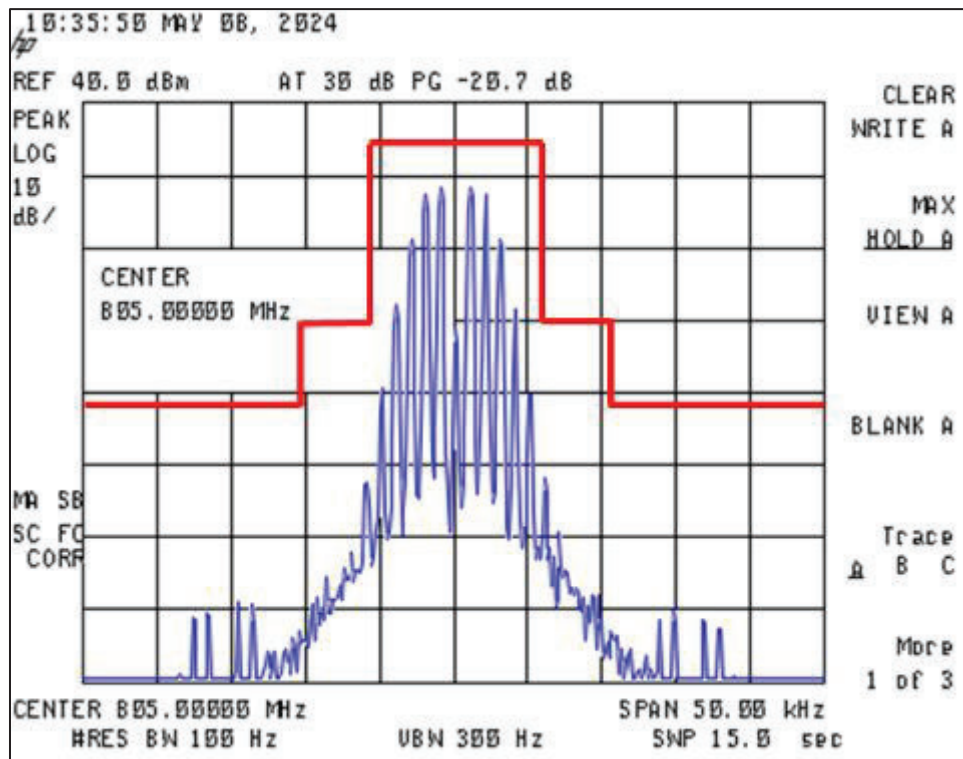


Figure 124. 805 MHz @ 12.5 kHz, Mask B

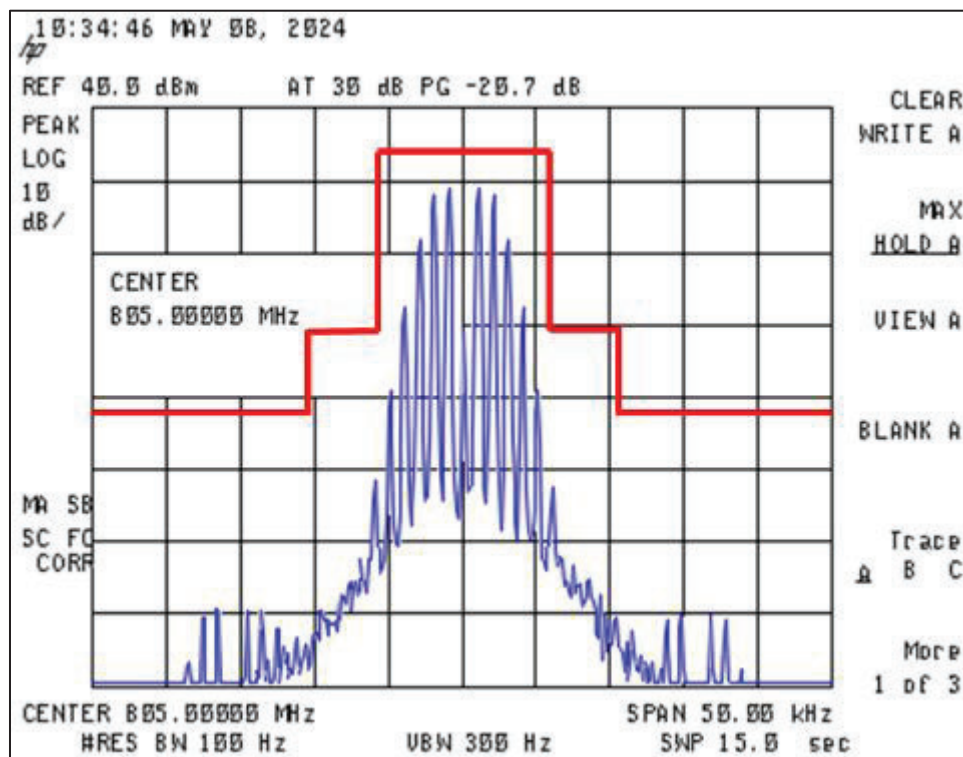


Figure 125. 805 MHz @ 12.5 kHz + 3.0 dB, Mask B

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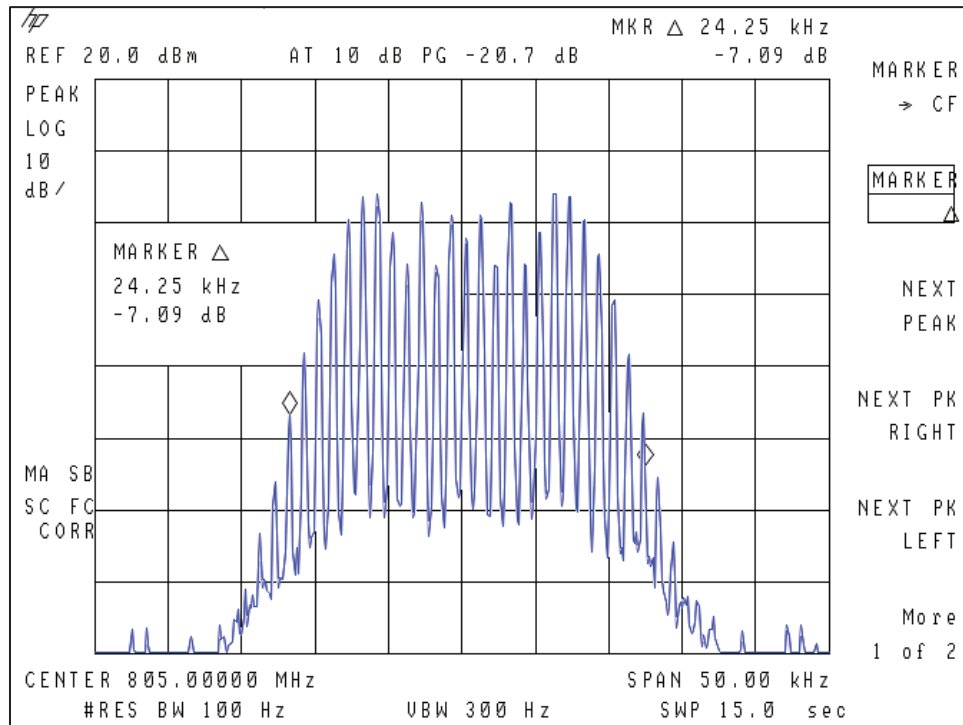


Figure 126. Input 805 MHz @ 25 kHz

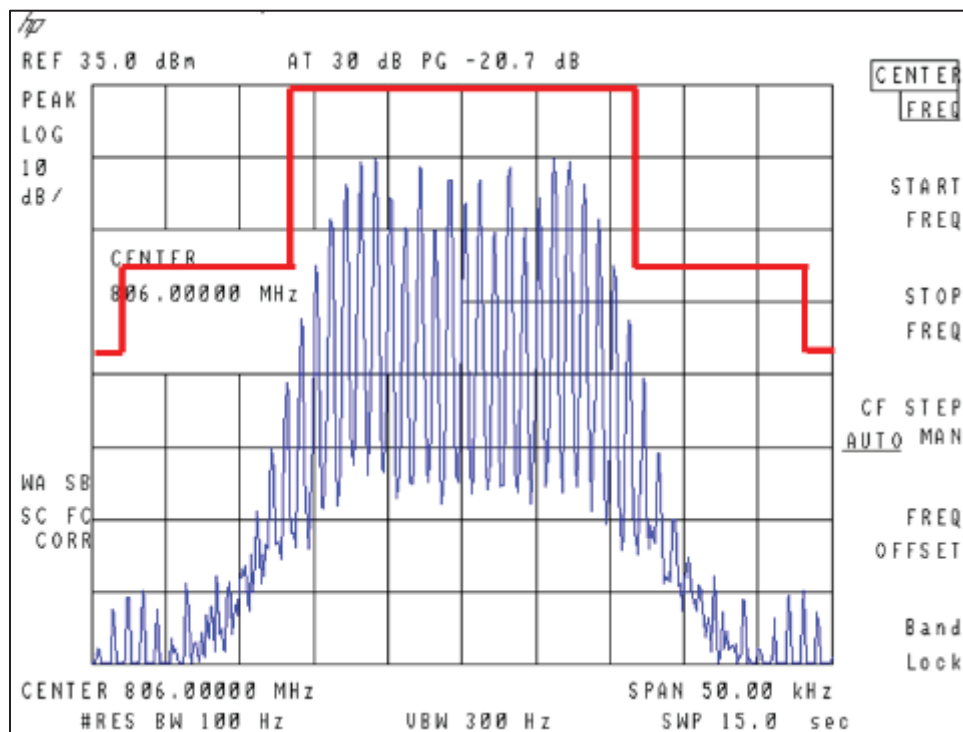


Figure 127. 805 MHz @ 25 kHz, Mask B

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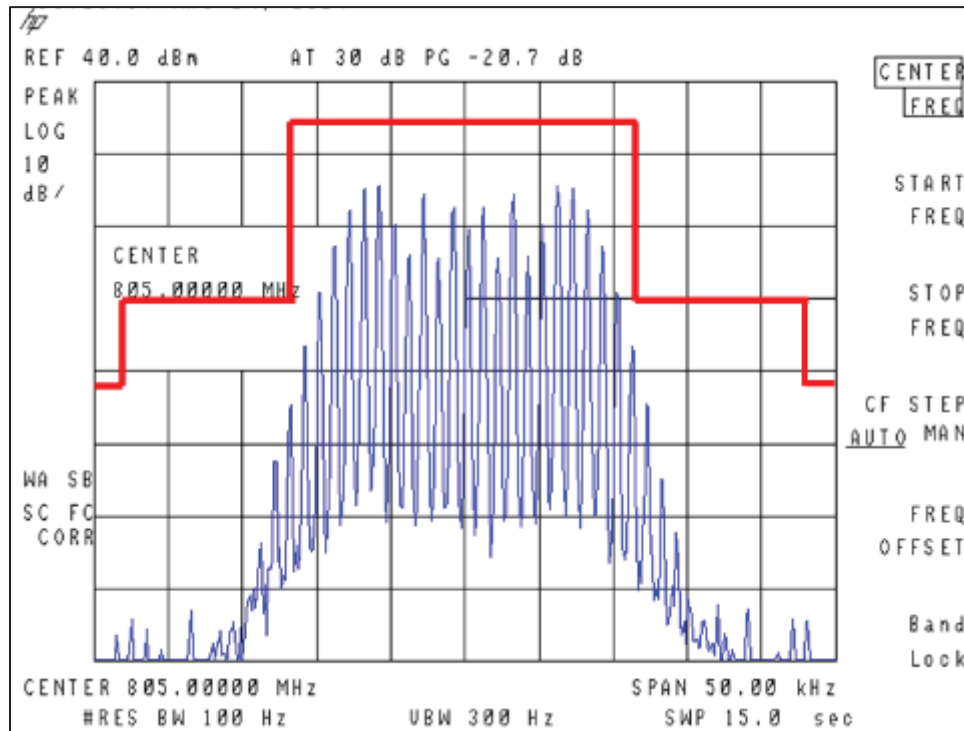


Figure 128. 805 MHz @ 25 kHz + 3.0 dB, Mask B

2.11.4 800 MHz Channel

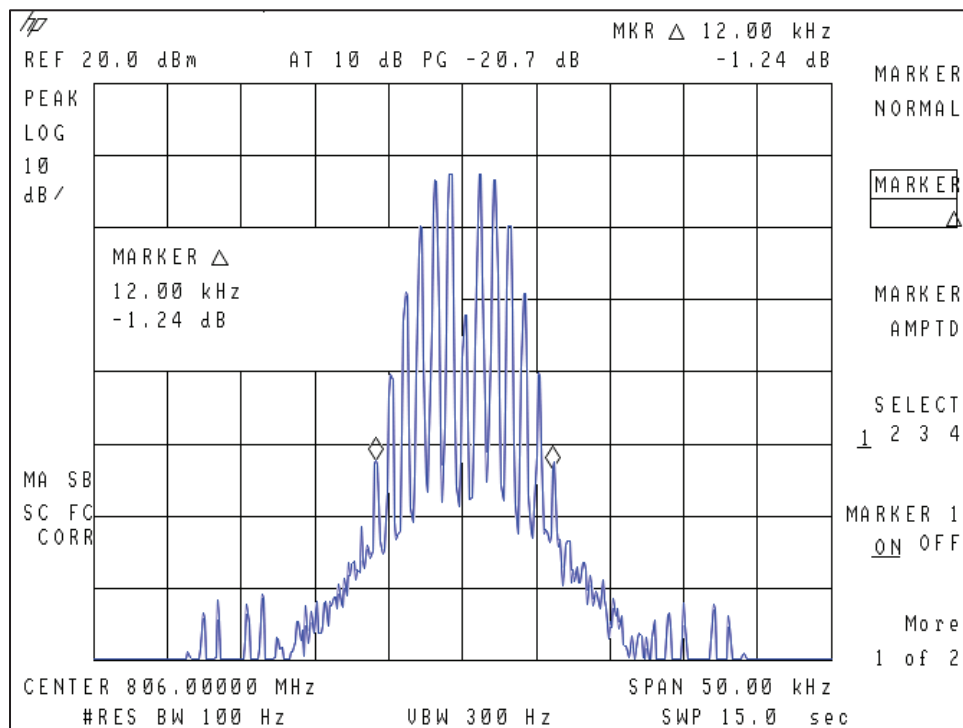


Figure 129. Input 806 MHz @ 12.5 kHz

U.S. Tech Test Report:
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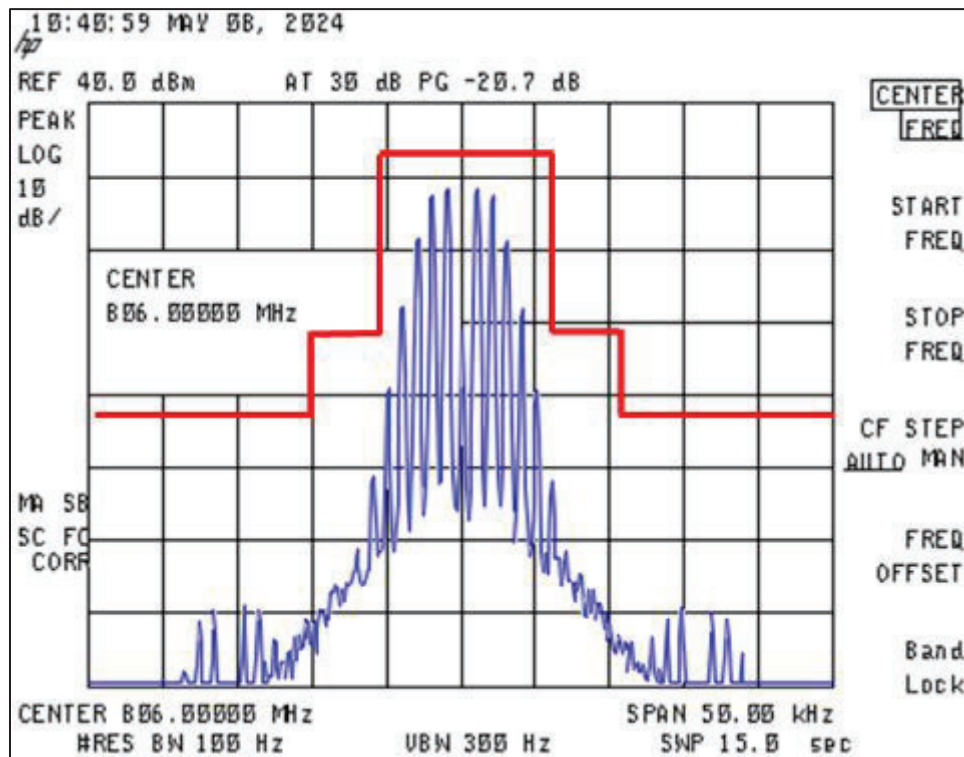


Figure 130. 806 MHz @ 12.5 kHz, Mask B

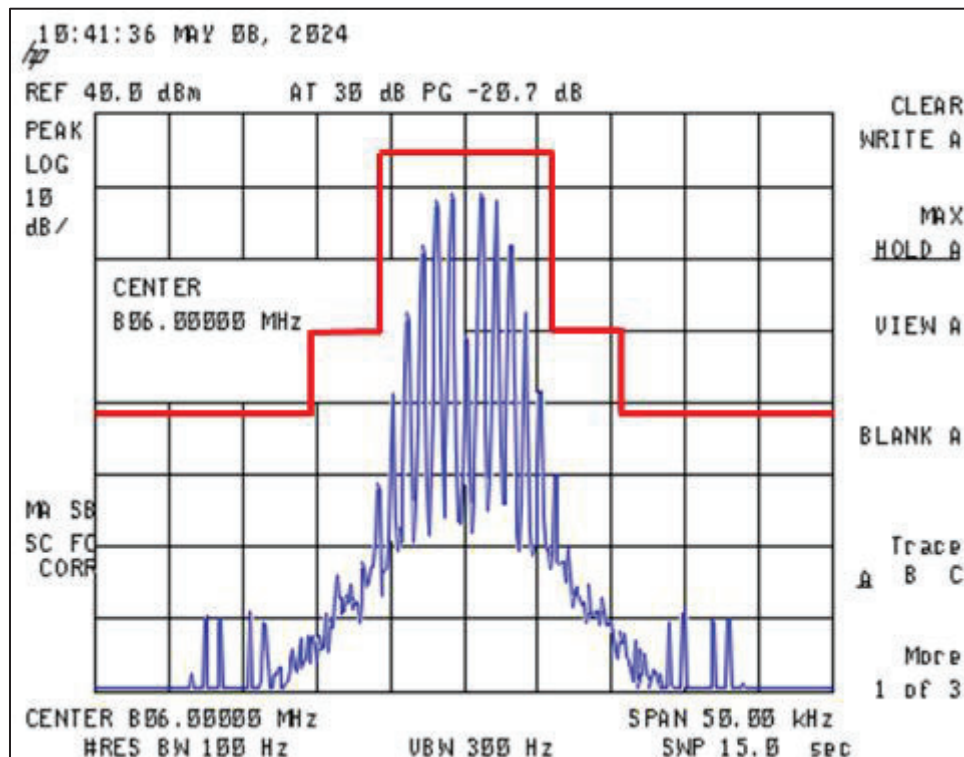


Figure 131. 806 MHz @ 12.5 kHz + 3.0 dB, Mask B

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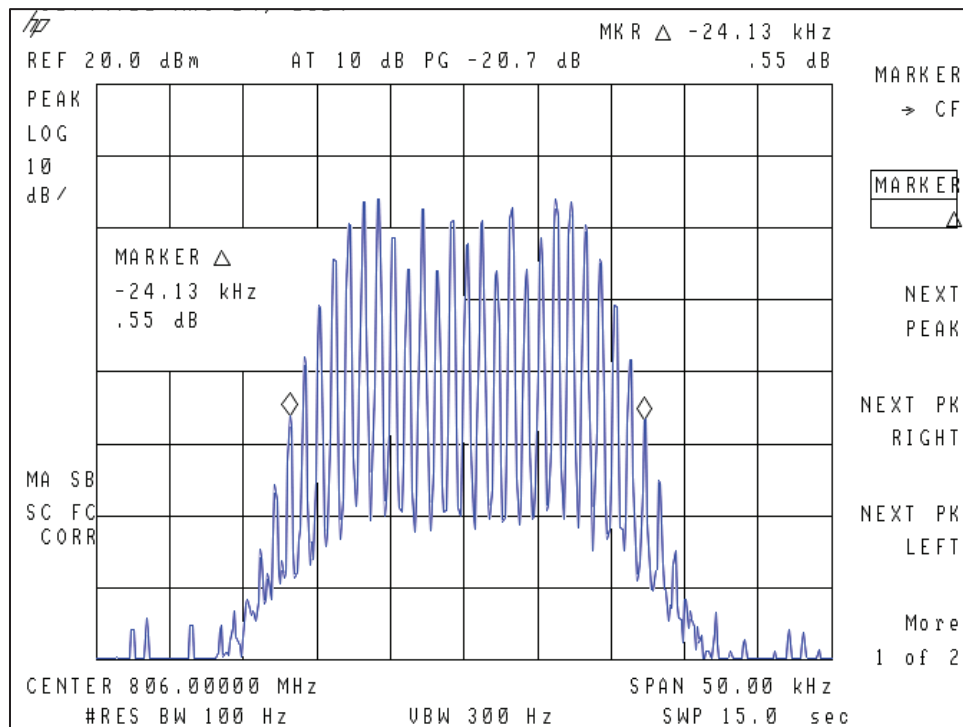


Figure 132. Input 806 MHz @ 25 kHz

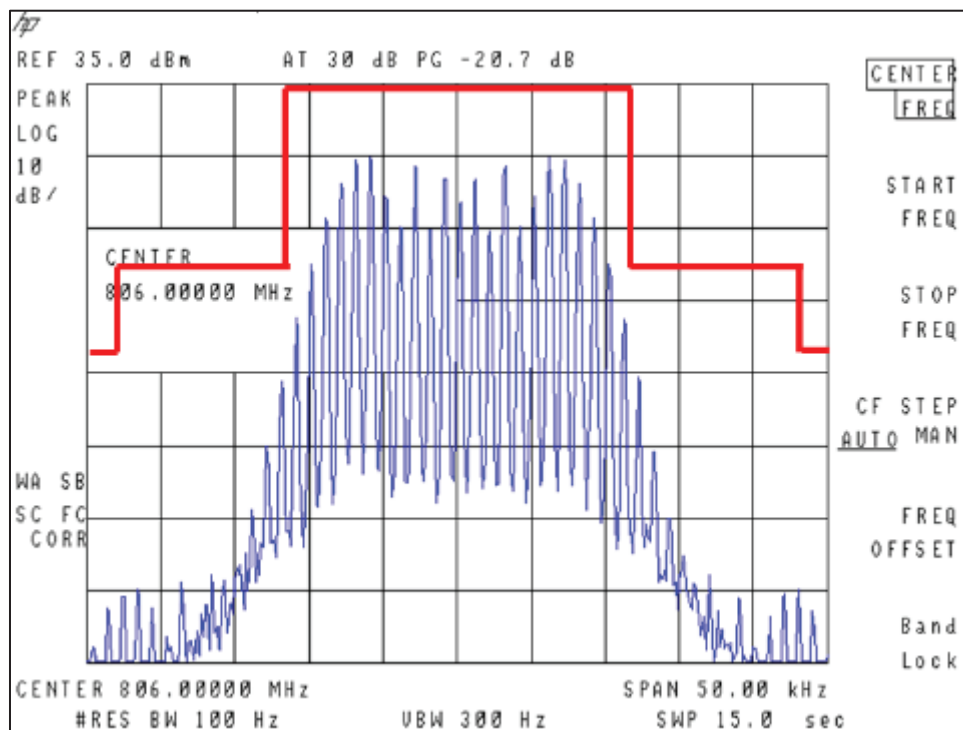


Figure 133. 806 MHz @ 25 kHz, Mask B

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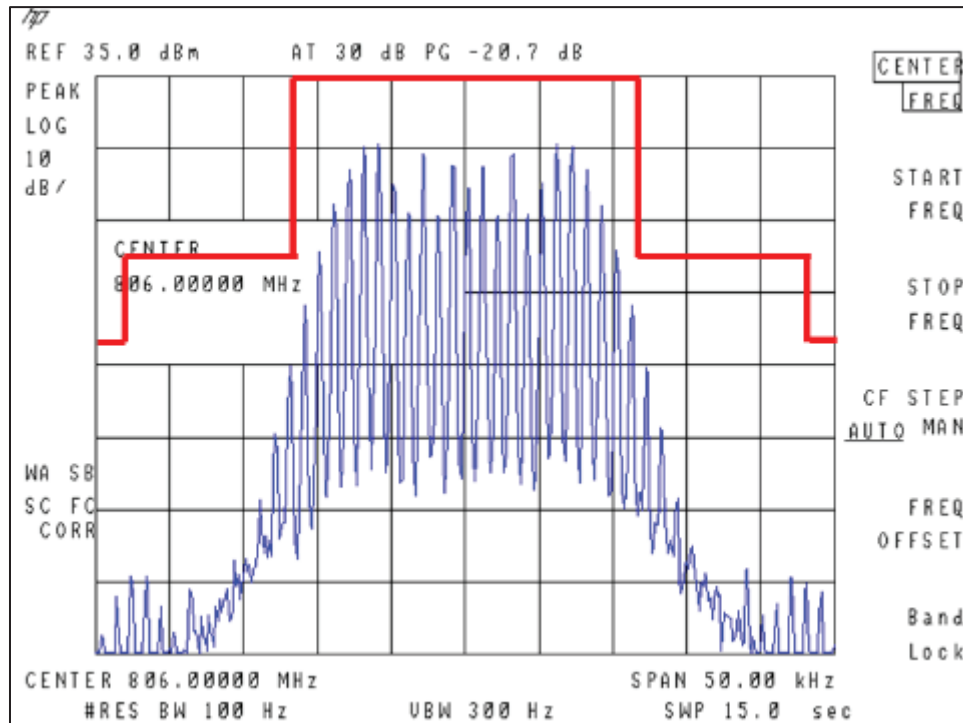


Figure 134. 806 MHz @ 25 kHz + 3.0 dB, Mask B

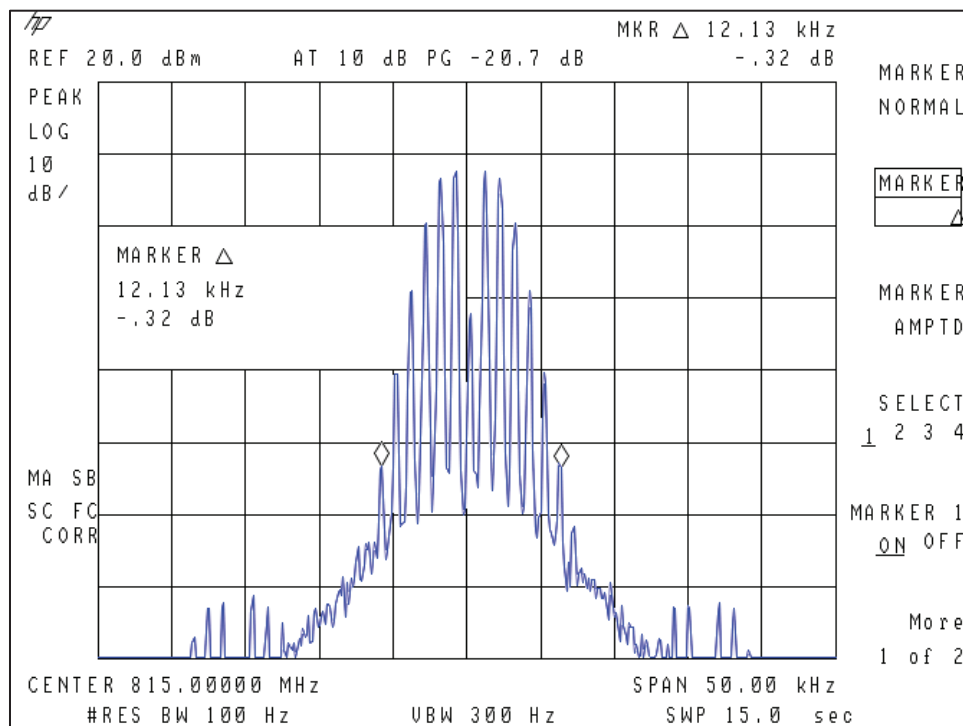


Figure 135. Input 815 MHz @ 12.5 kHz

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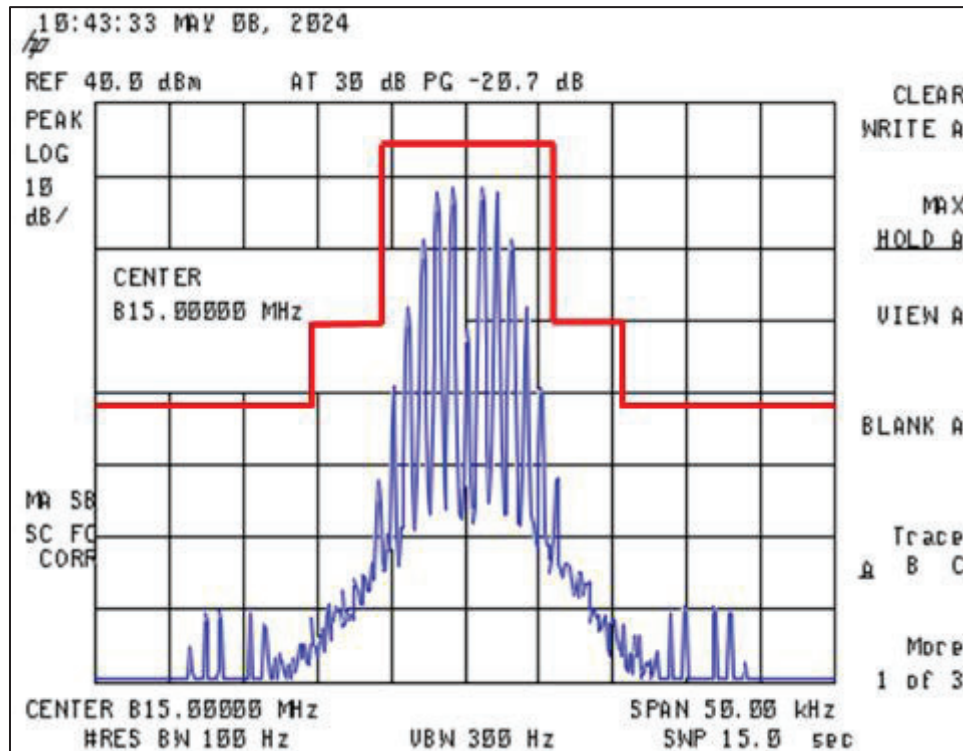


Figure 136. 815 MHz @ 12.5 kHz, Mask B

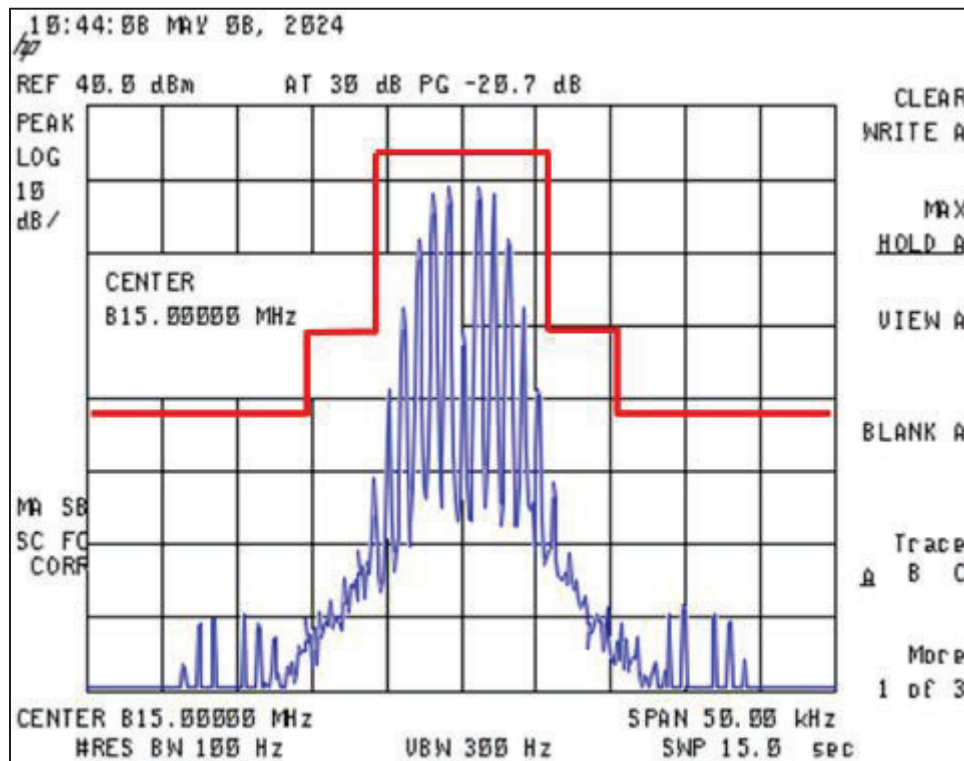


Figure 137. 815 MHz @ 12.5 kHz + 3.0 dB, Mask B

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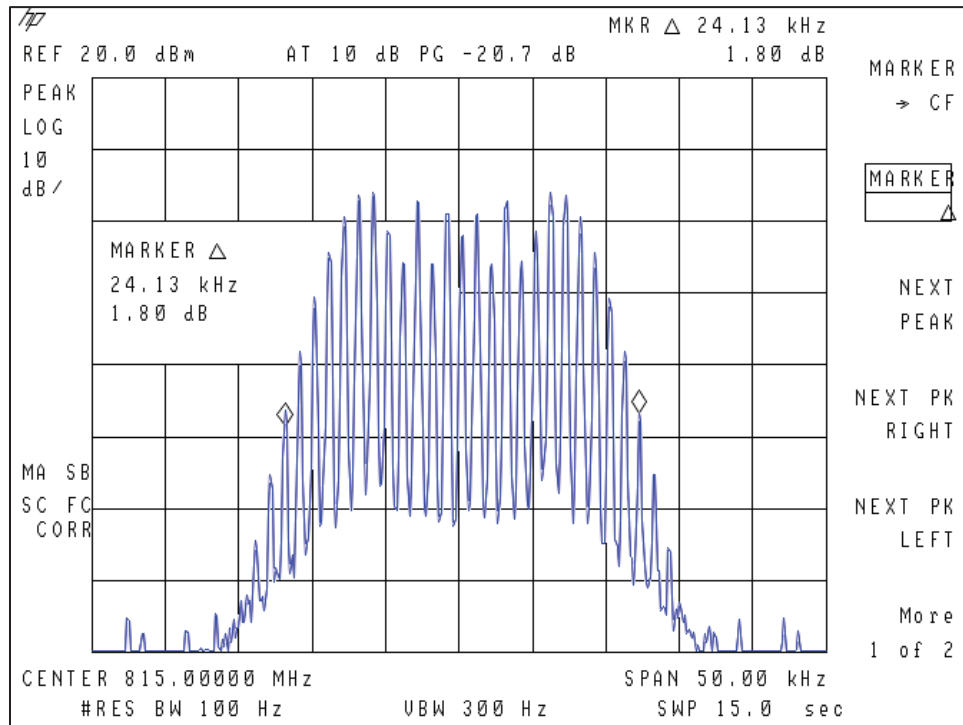


Figure 138. Input 815 MHz @ 25 kHz

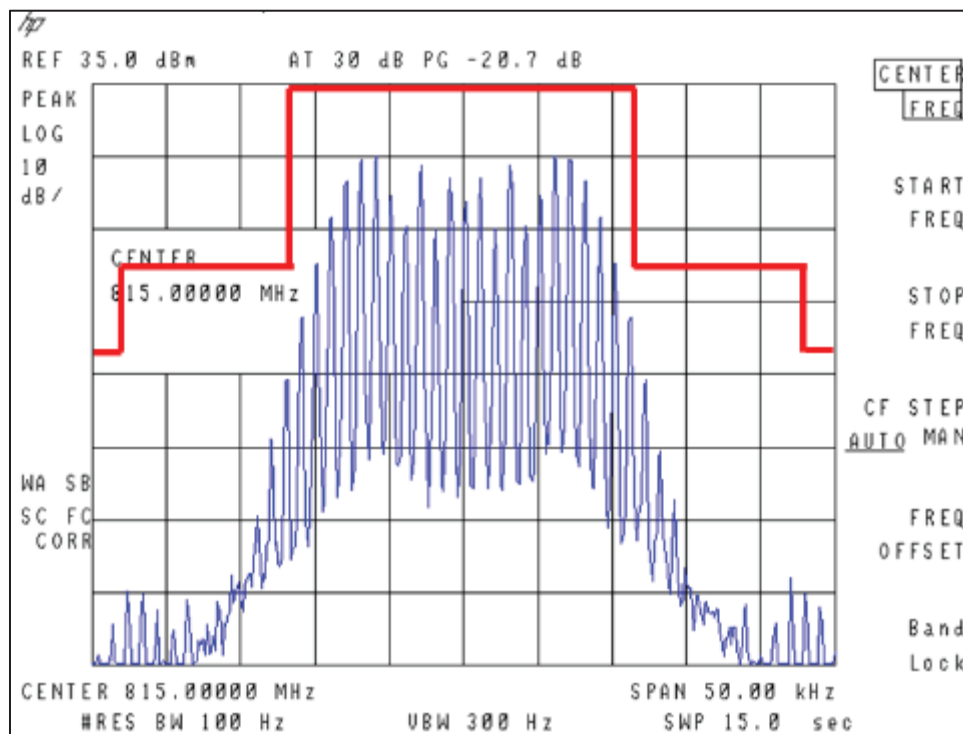
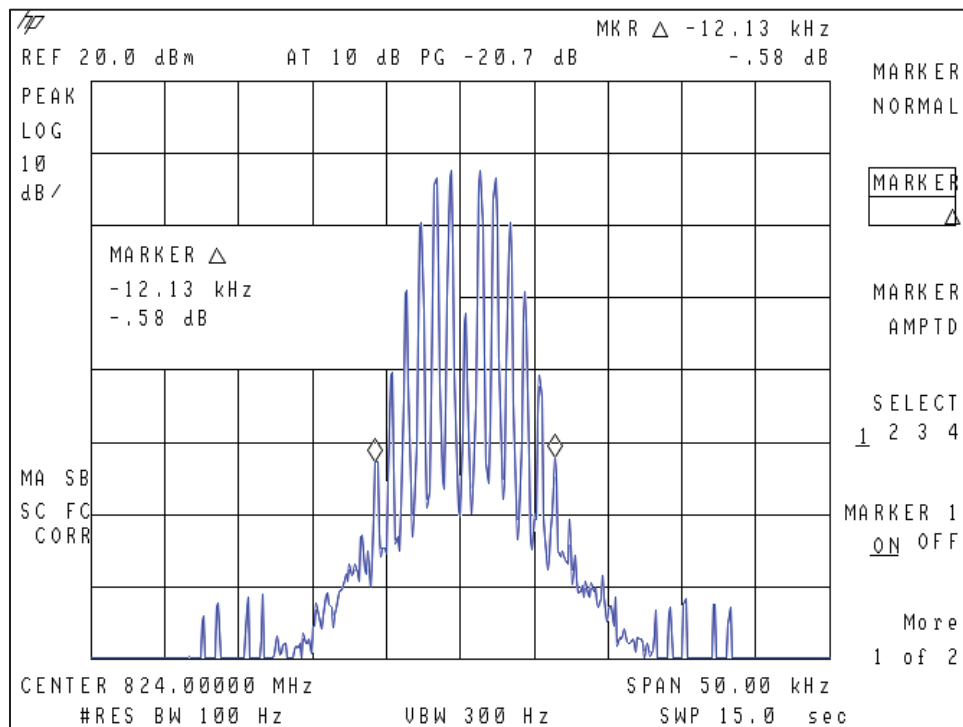
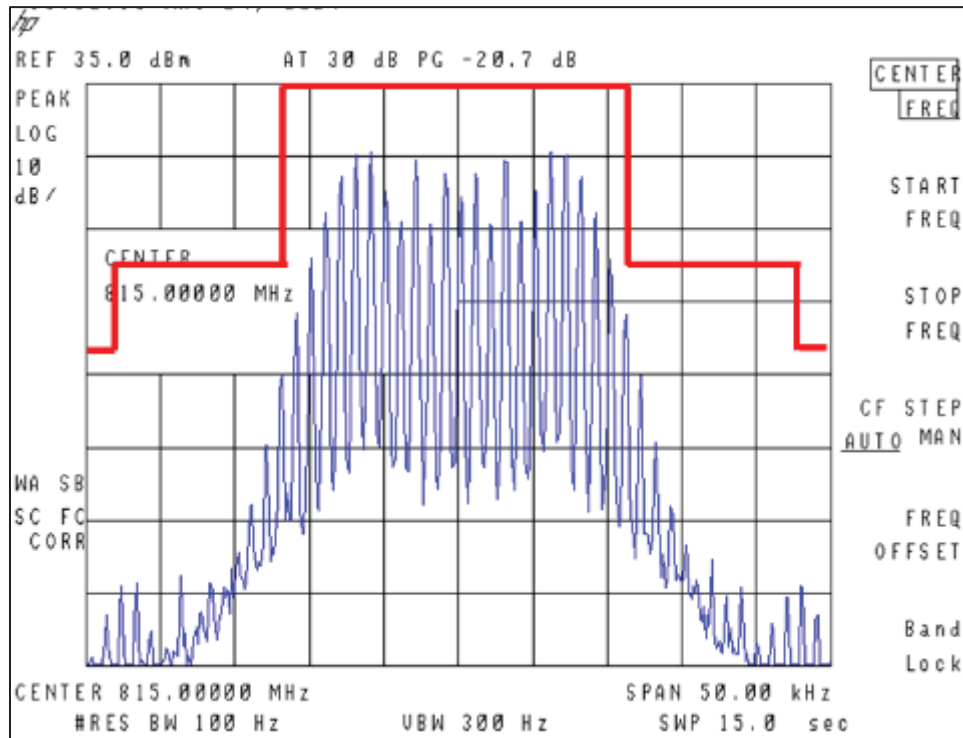


Figure 139. 815 MHz @ 25 kHz, Mask B

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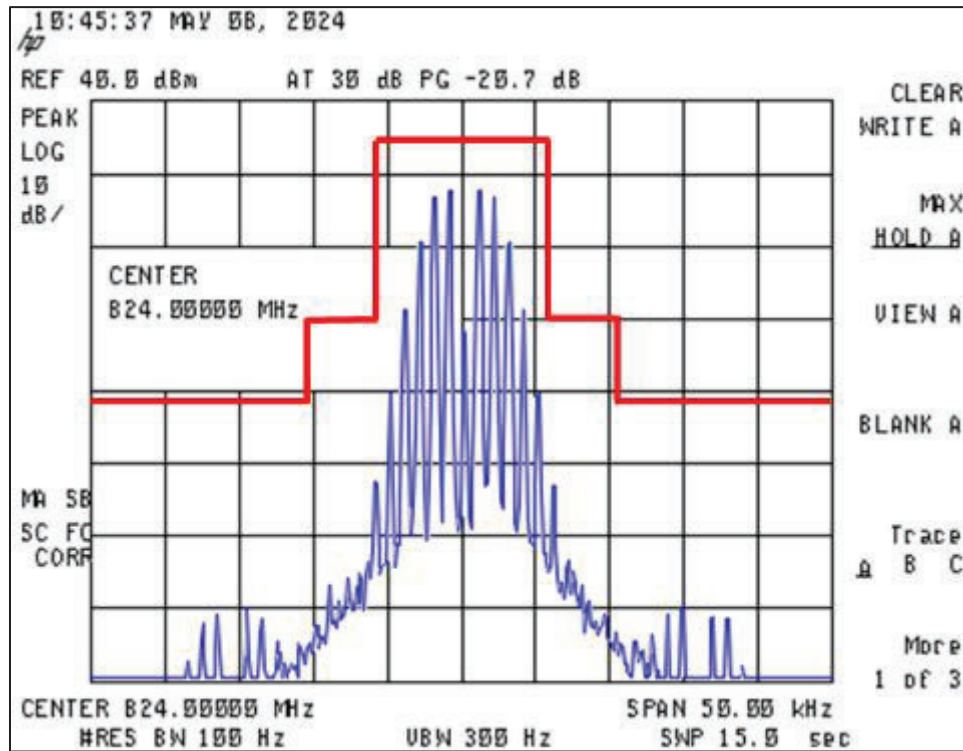


Figure 142. 824 MHz @ 12.5 kHz, Mask B

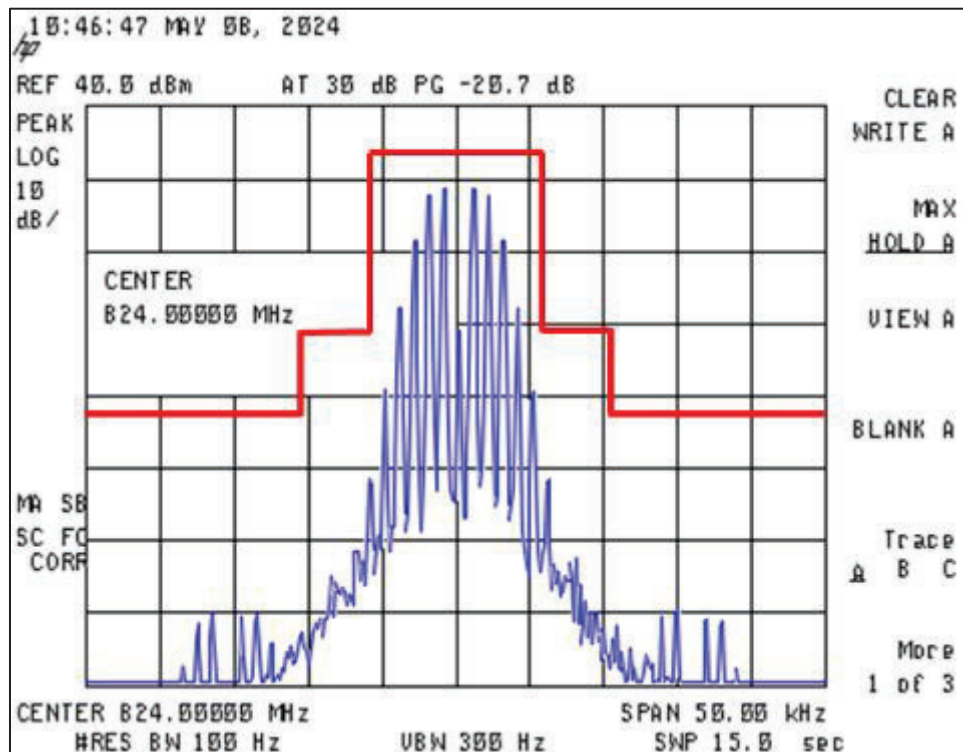


Figure 143. 824 MHz @ 12.5 kHz + 3.0 dB, Mask B

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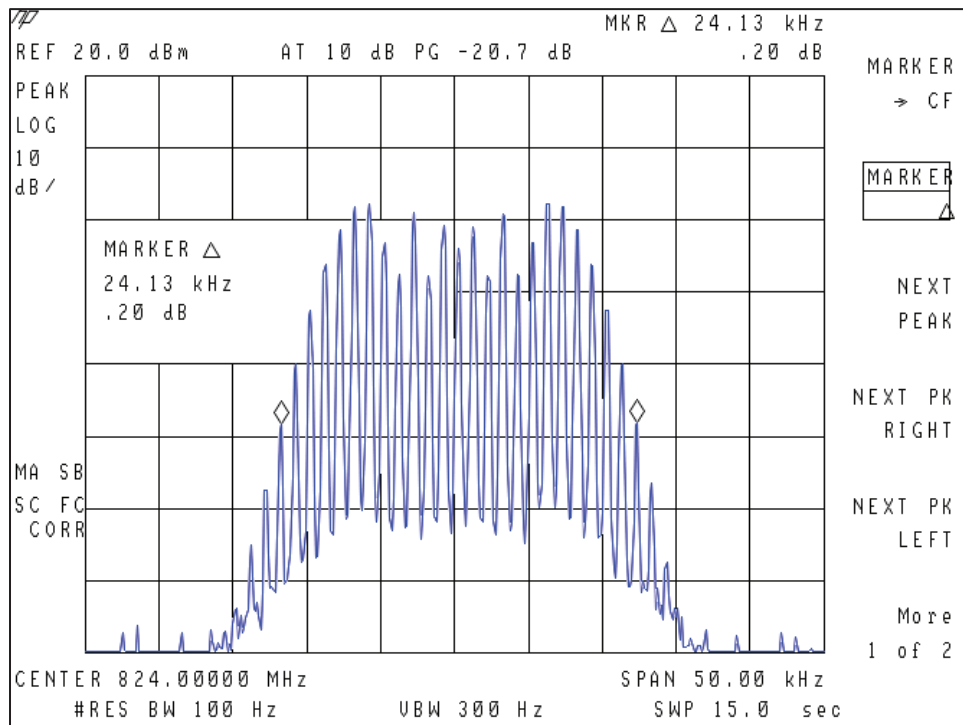


Figure 144. Input 824 MHz @ 25 kHz

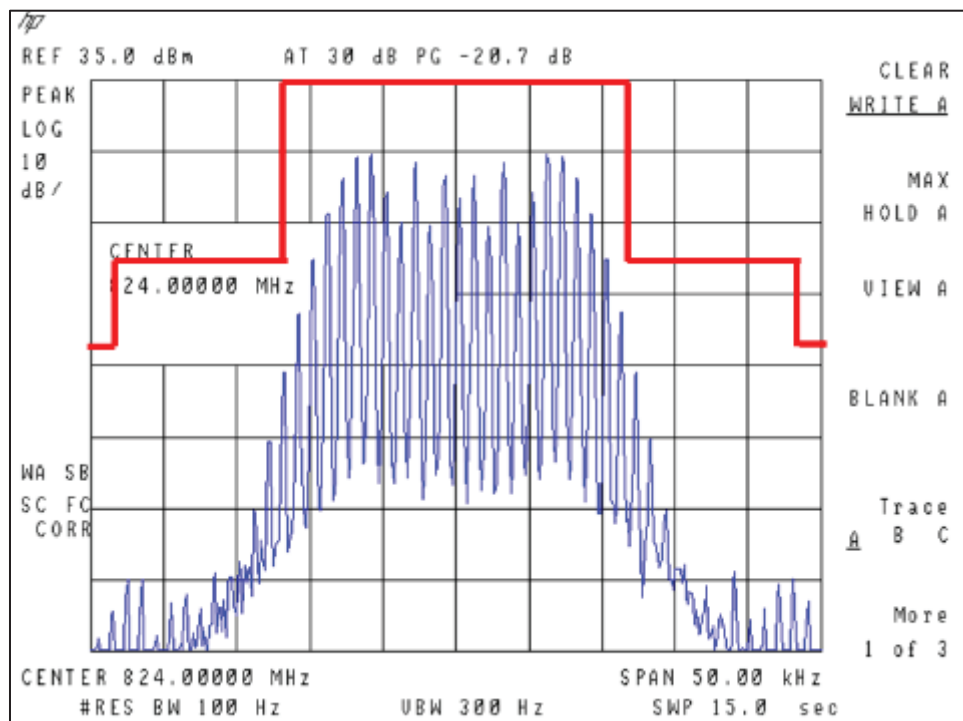


Figure 145. 824 MHz @ 25 kHz, Mask B

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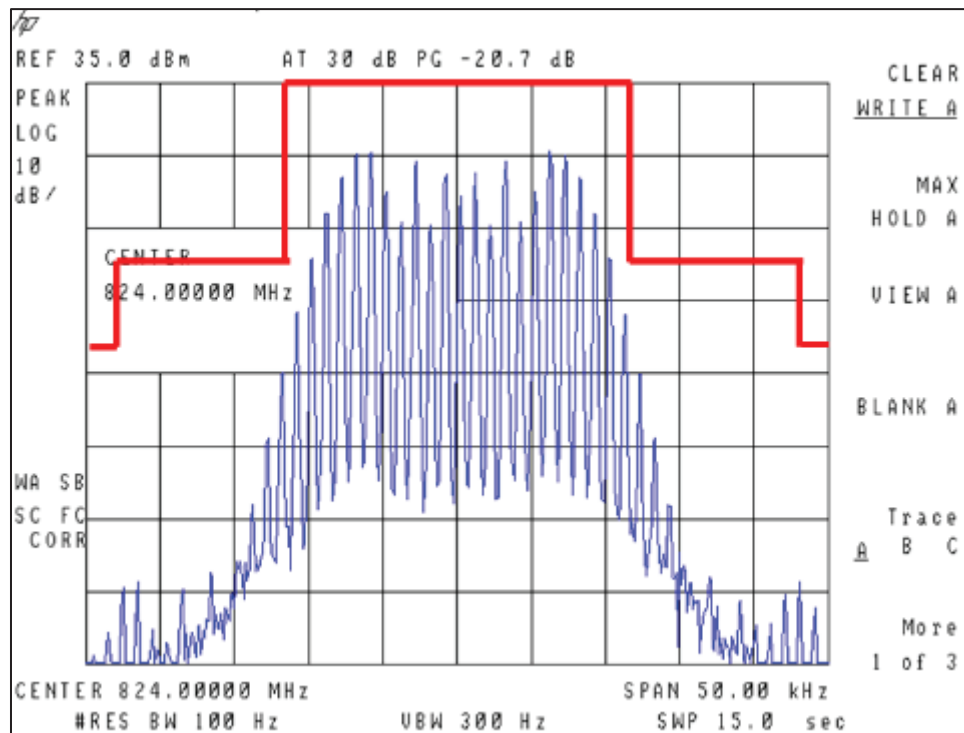


Figure 146. 824 MHz @ 25 kHz + 3.0 dB, Mask B

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2.12 Spurious Emissions (FCC Section 90.219(d)(e)(3) and RSS-131, 6.5)

Spurious Emissions from a signal booster must not exceed -13 dBm within any 100 kHz measurement bandwidth.

2.12.1 Radiated Spurious Emissions Measurement

The EUT was tested in a semi-anechoic chamber. The EUT was set on a turntable with the EUT positioned 3 m from the receiving antenna. A spectrum analyzer was used to measure the emissions and verify that the levels met the requirements for Radiated Emissions. The EUT was tested by rotating it 360° with the receiving antenna in both the vertical then horizontal position. The receive antenna was elevated from 1 m to 4 m to ensure that the maximum emission was captured. A signal generator was used to provide a signal to exercise the channel cards within the EUT. The EUT output was terminated with a 50 ohm non-radiating load.

The RBW was set to 100 KHz for measurements below 1 GHz and 1 MHz for measurements above 1 GHz. The VBW was 3 times the RBW.

FCC limit = -13 dBm

Radiated emission limit = $-13 \text{ dBm} - 20 \log(3\text{m}) + 104.8 = 82.25 \text{ dBuV/m}$

A correction value of 9.5 dBm was applied to correct the display line level to accurately represent the limit at -13 dBm.

The following plots show the worst-case results, which were measured with the antennas in both horizontal and vertical position.

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2.12.1.1 VHF Radiated Spurious Emissions Plots

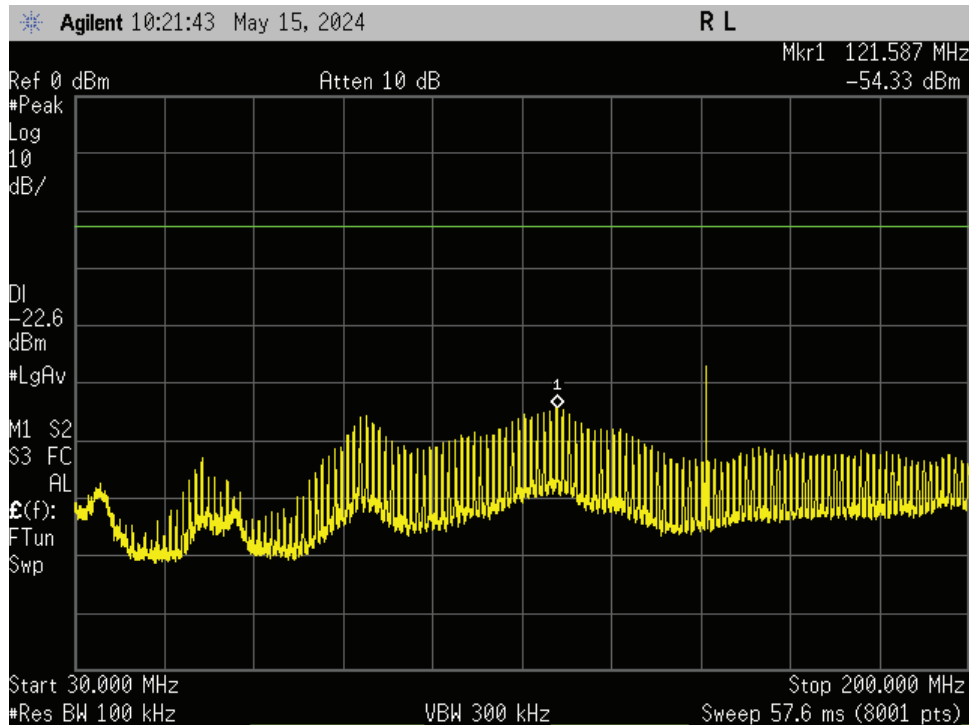


Figure 147. 150 MHz Horizontal, 30 – 200 MHz

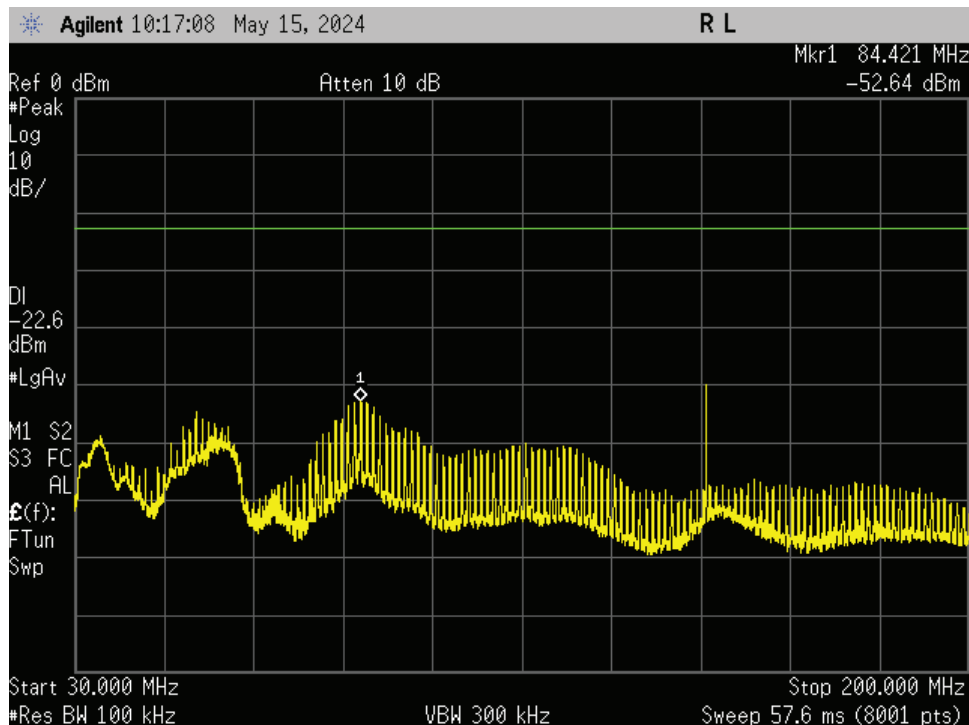


Figure 148. 150 MHz Vertical, 30 – 200 MHz

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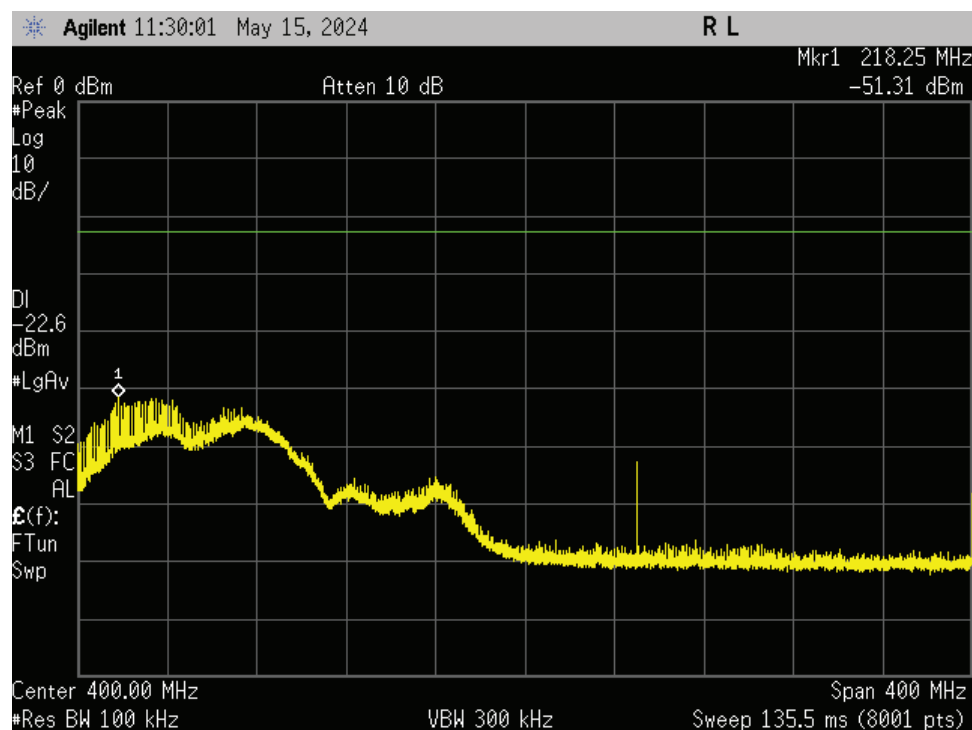


Figure 149. 150 MHz Horizontal, 200-600 MHz

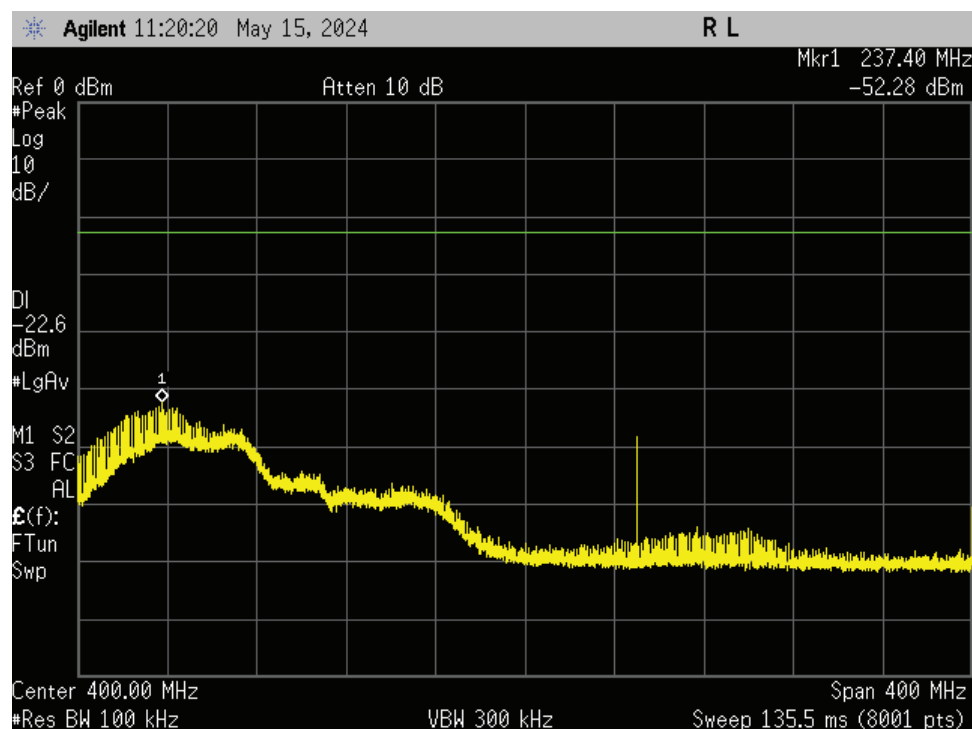


Figure 150. 150 MHz Vertical, 200-600 MHz

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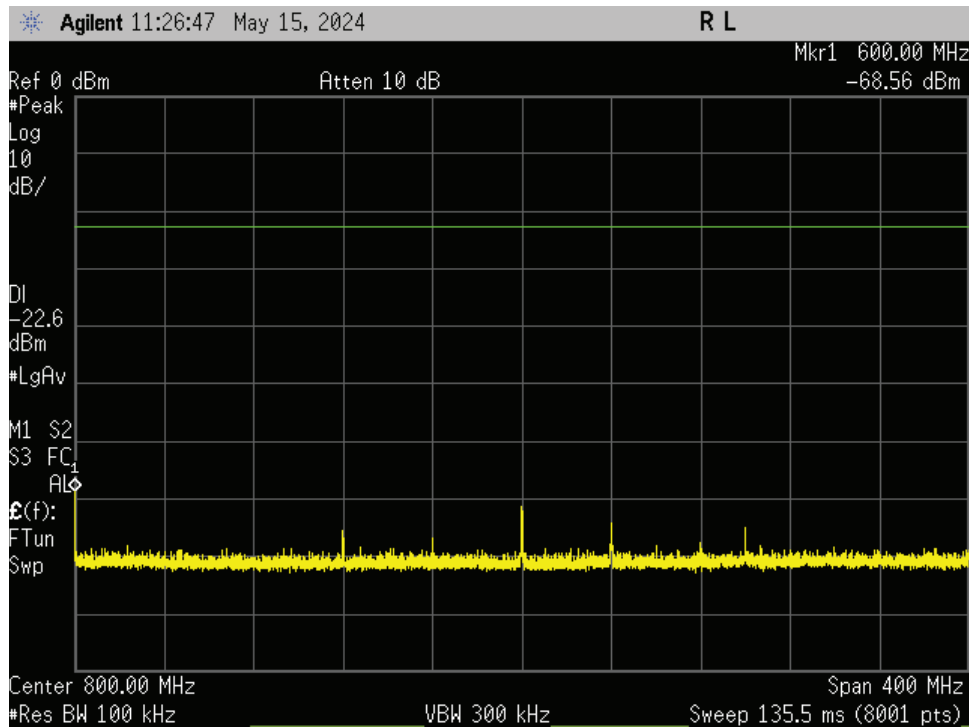


Figure 151. 150 MHz Horizontal, 600-1000 MHz

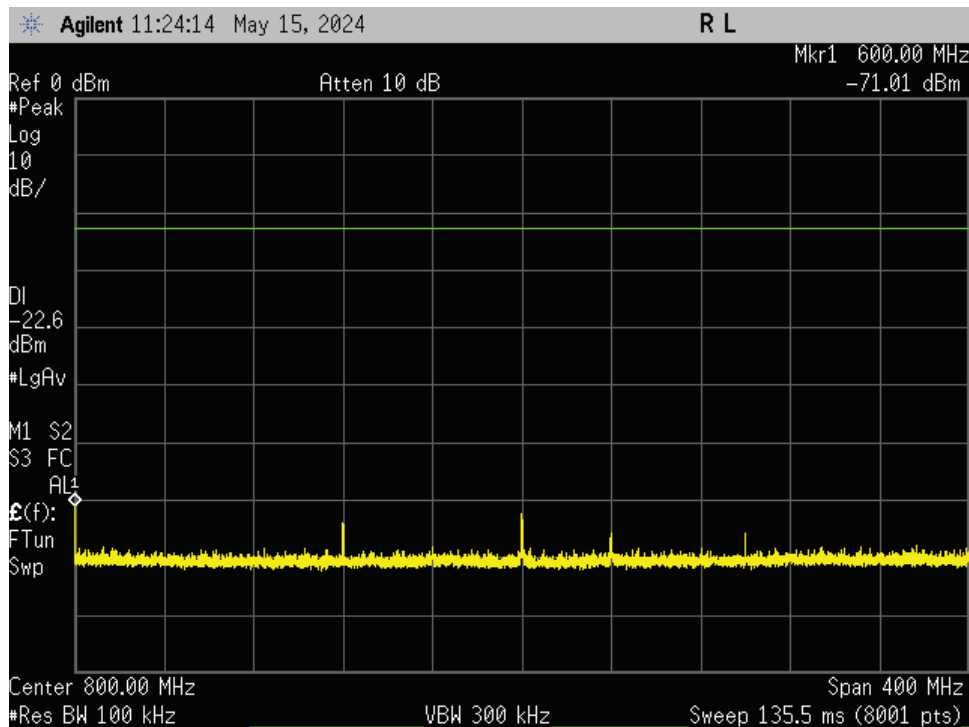


Figure 152. 150 MHz Vertical, 600-1000 MHz

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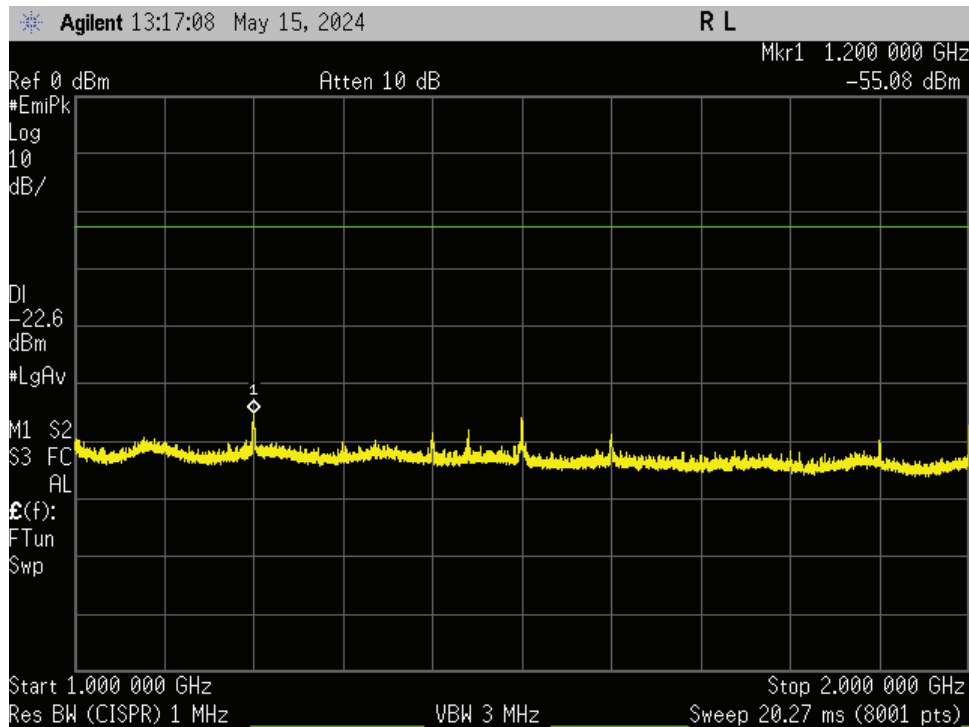


Figure 153. 150 MHz Horizontal, 1000-2000 MHz

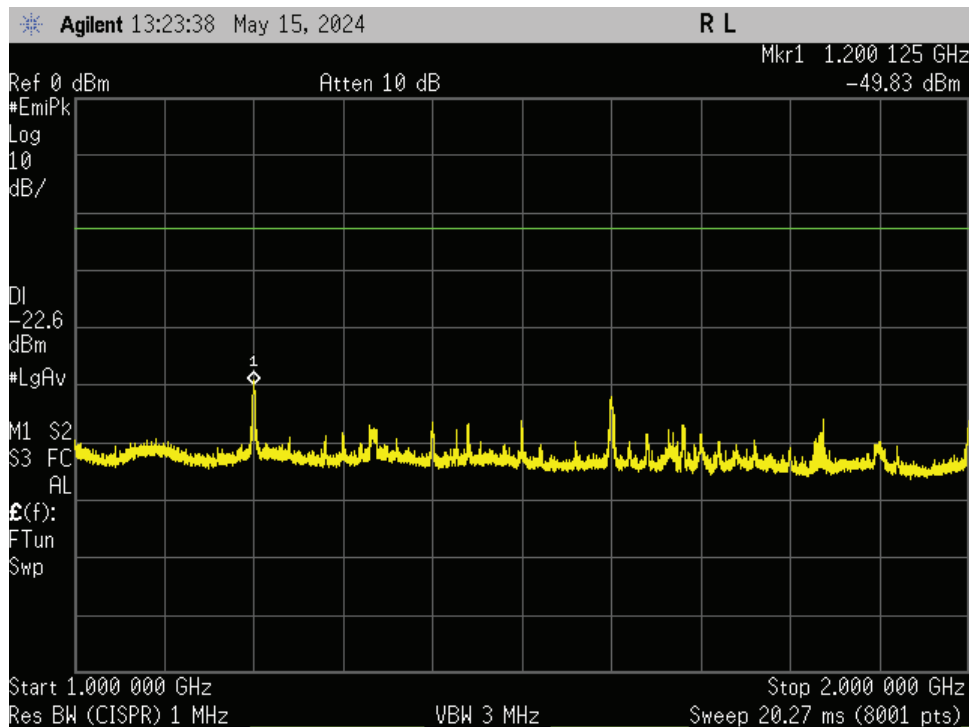


Figure 154. 150 MHz Vertical, 1000-2000 MHz

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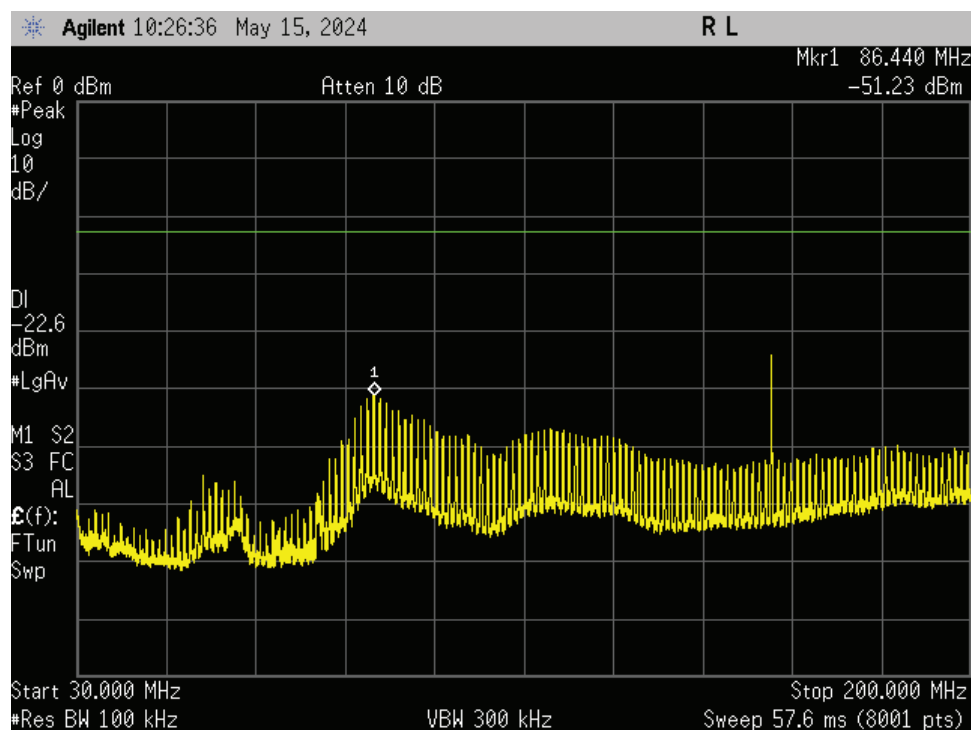


Figure 155. 162 MHz Horizontal, 30 – 200 MHz

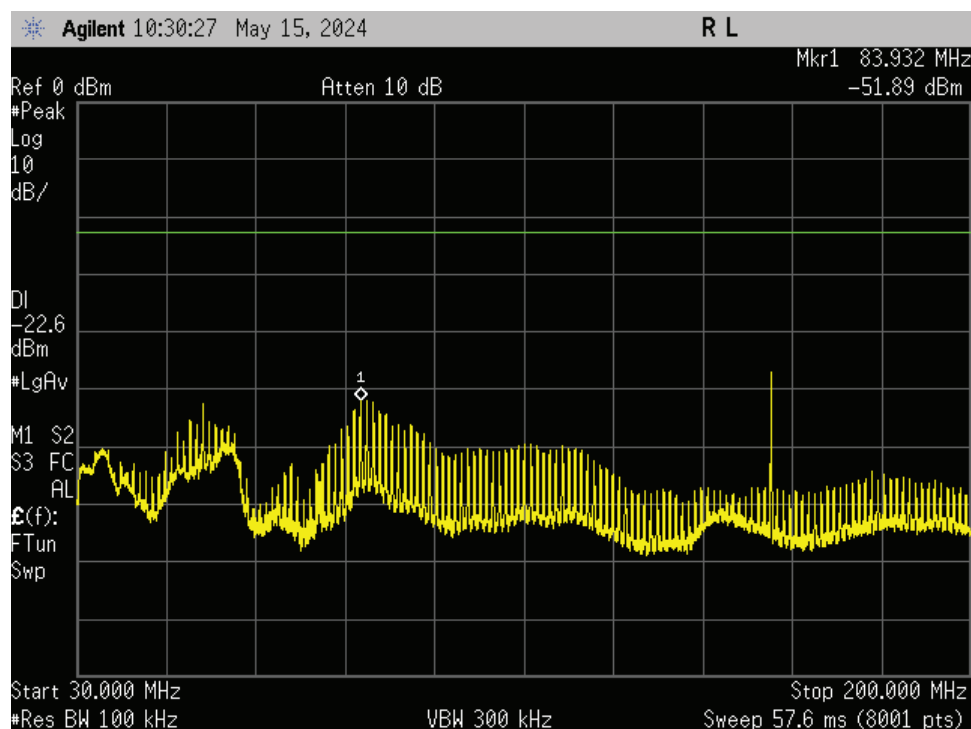


Figure 156. 162 MHz Vertical, 30 - 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

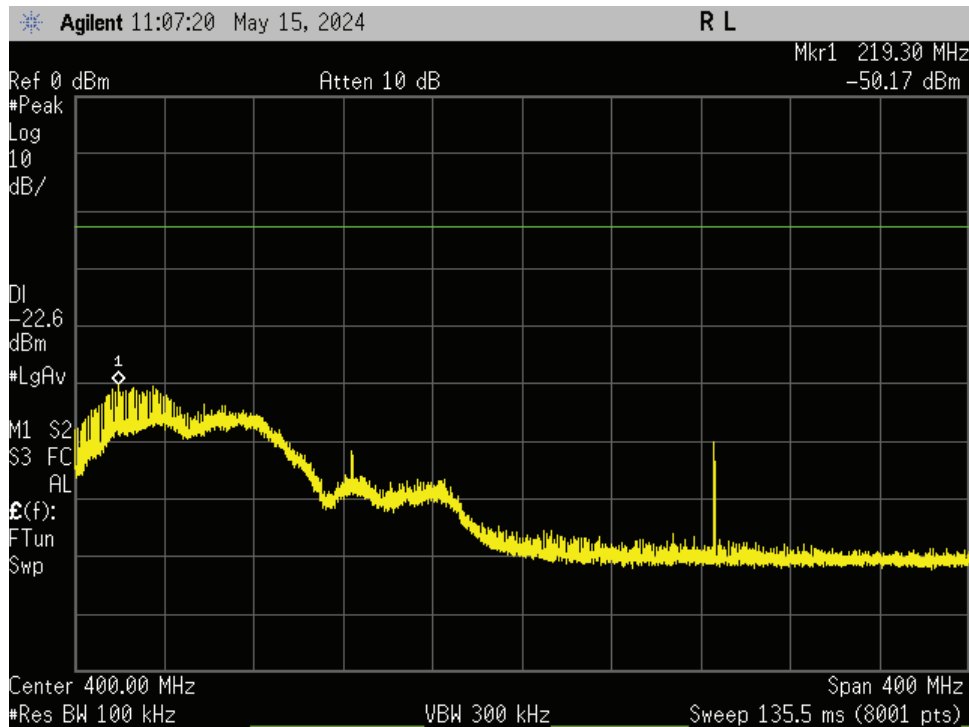


Figure 157. 162 MHz Horizontal, 200 - 600 MHz

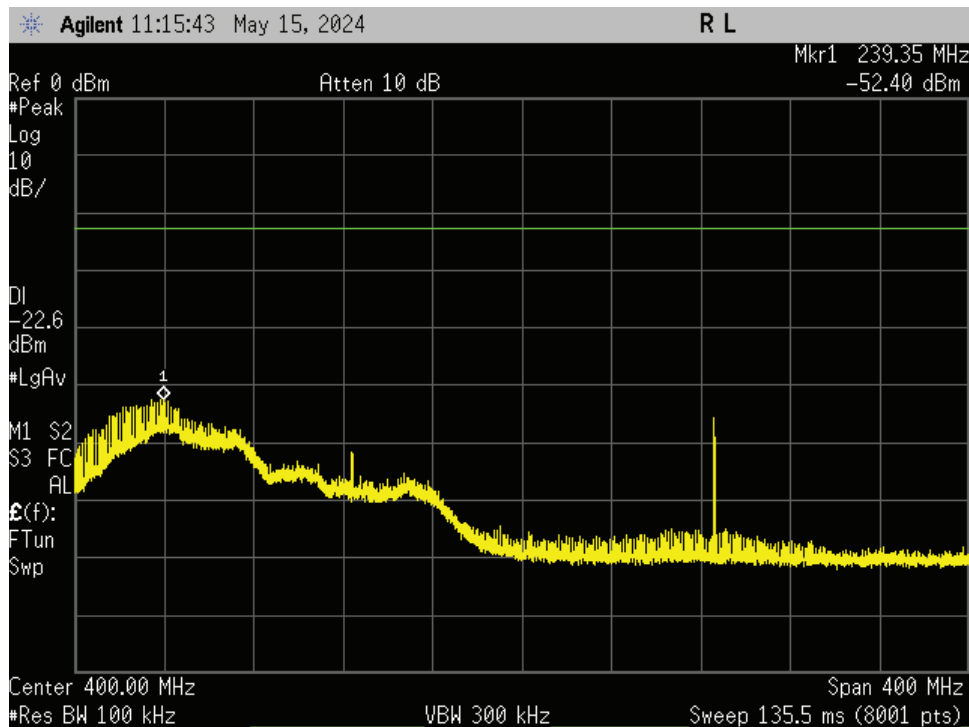


Figure 158. 162 MHz Vertical, 200 - 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

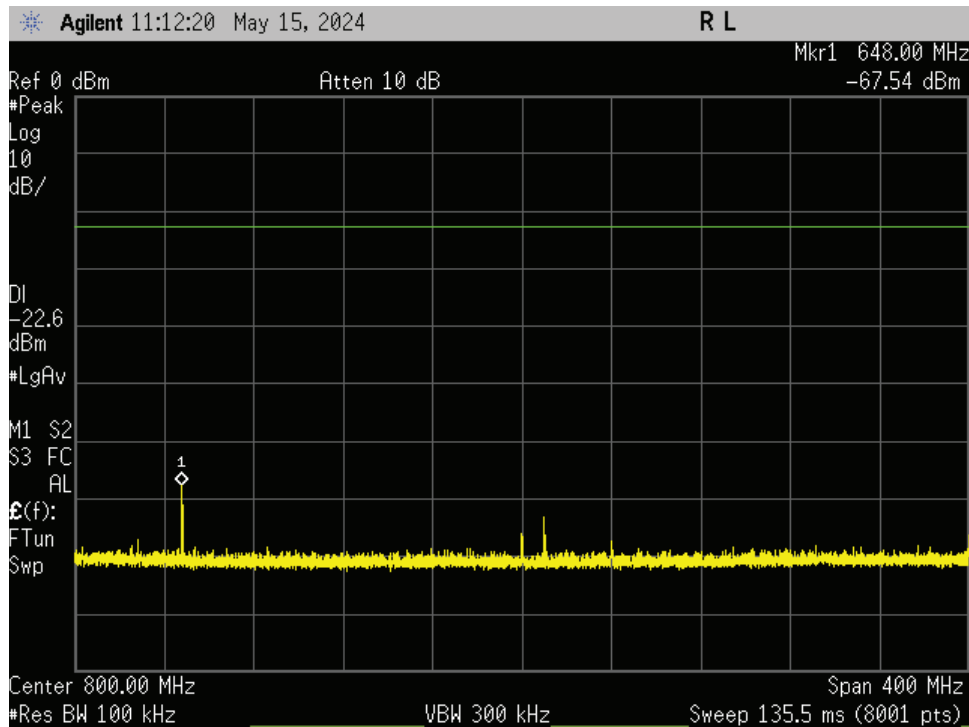


Figure 159. 162 MHz Horizontal, 600-1000 MHz

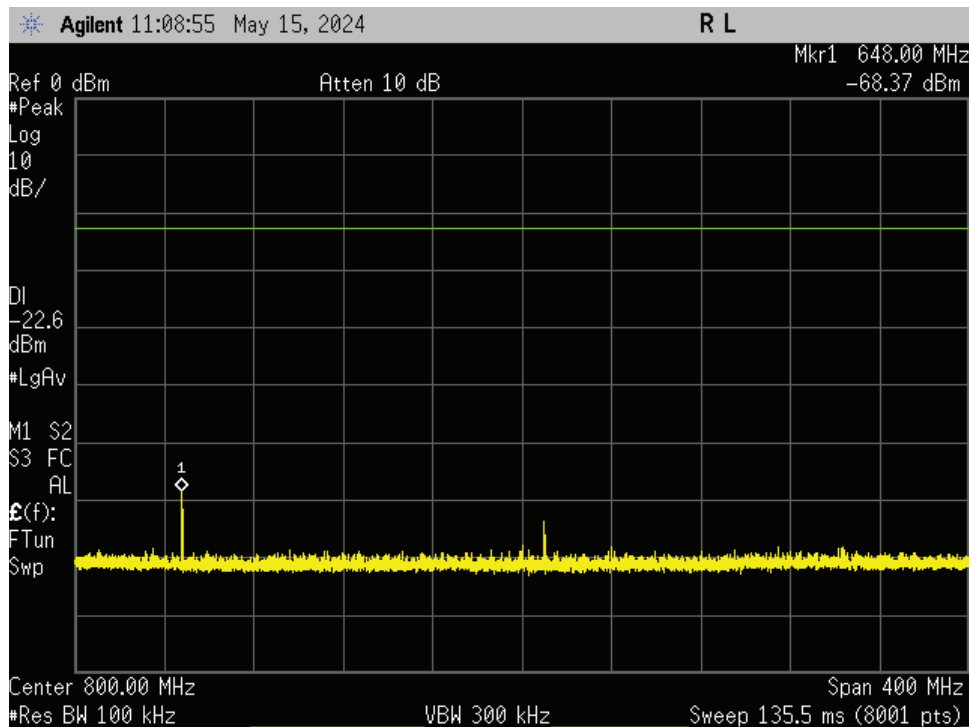


Figure 160. 162 MHz Vertical, 600-1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

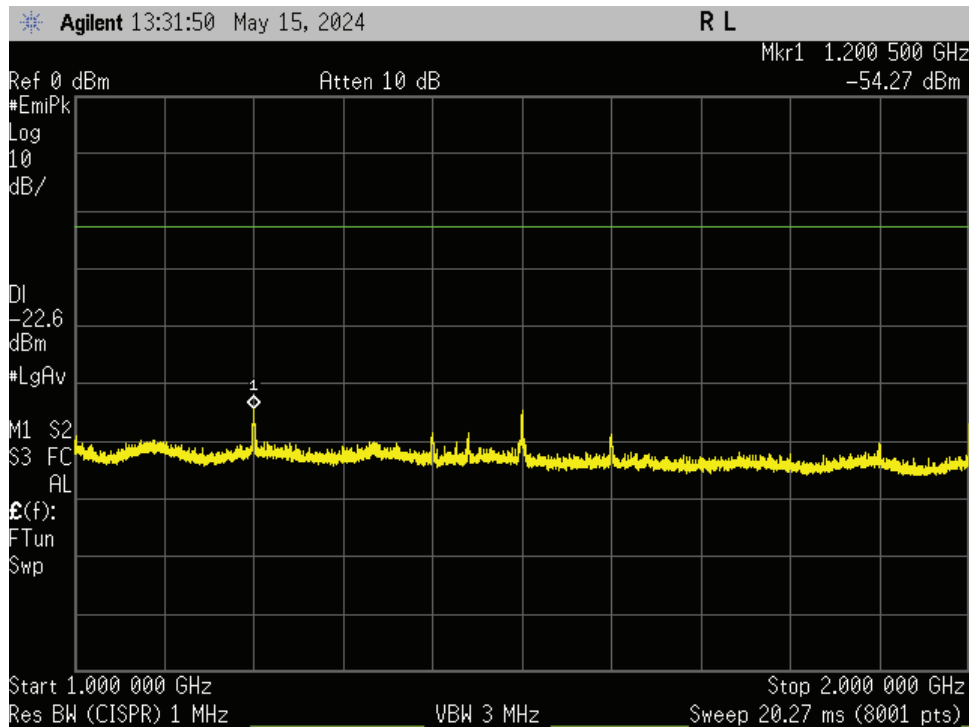


Figure 161. 162 MHz Horizontal, 1 - 2 GHz

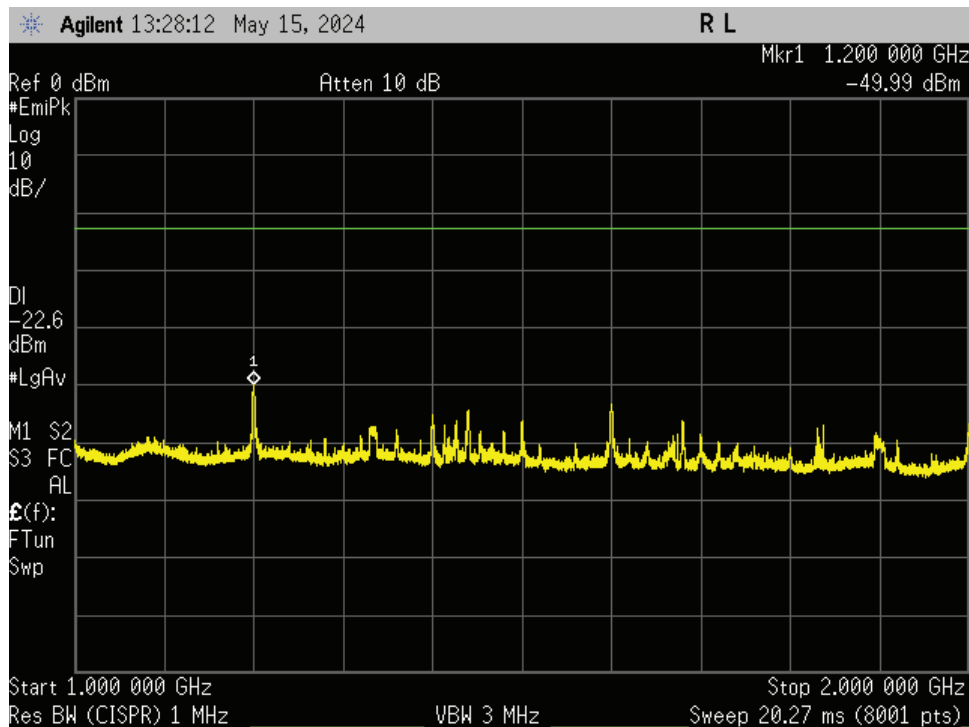


Figure 162. 162 MHz Vertical, 1 - 2 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

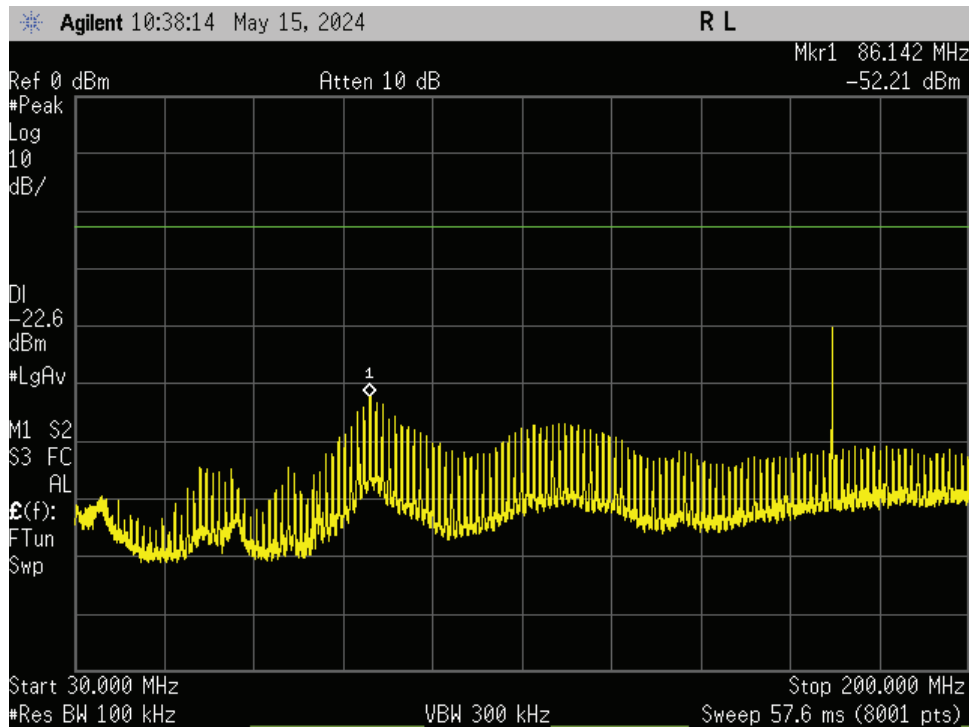


Figure 163. 174 MHz Horizontal, 30 – 200 MHz

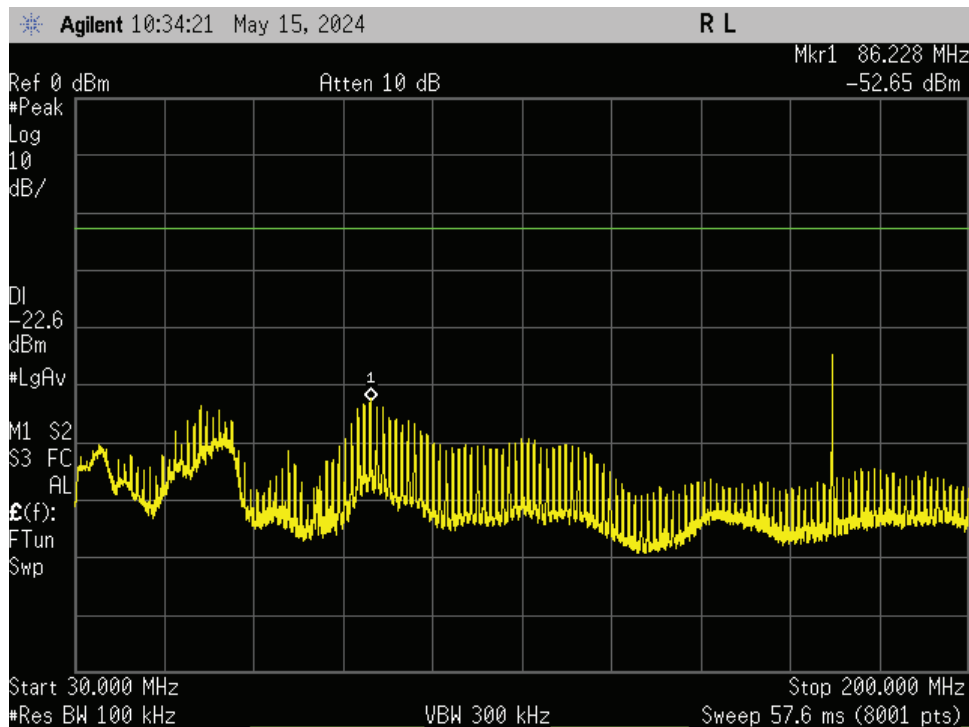


Figure 164. 174 MHz Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

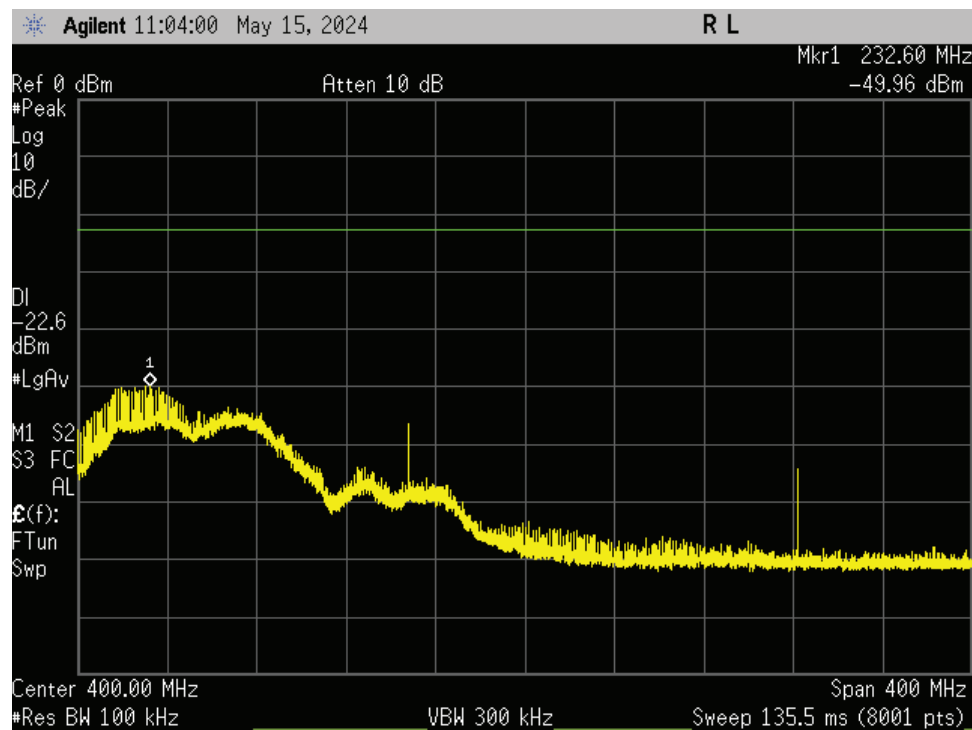


Figure 165. 174 MHz Horizontal, 200 – 600 MHz

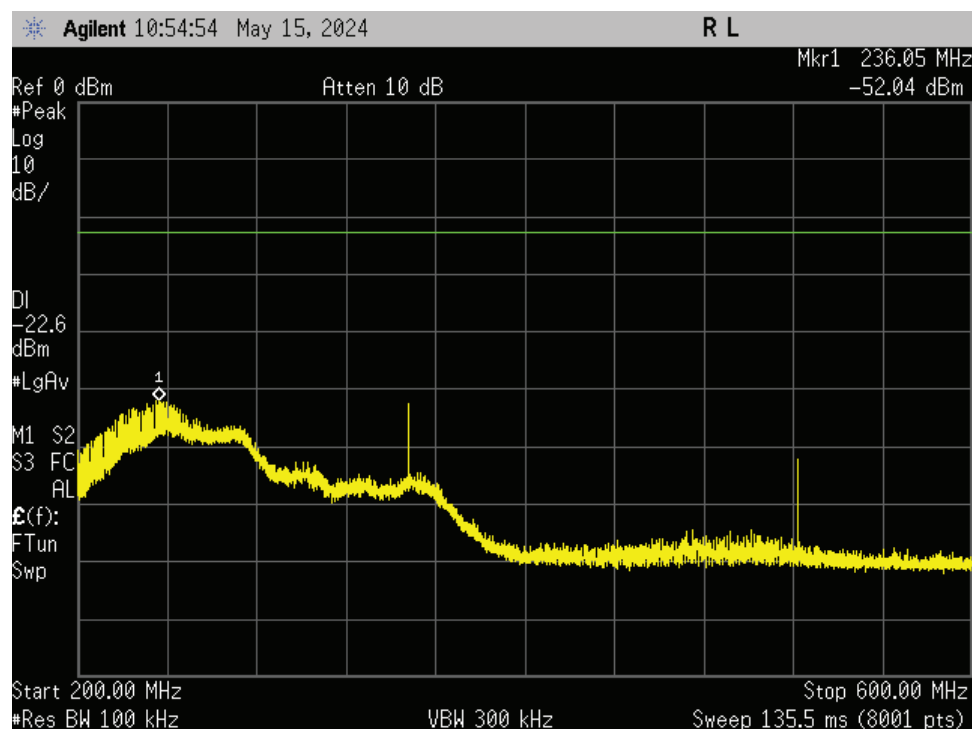


Figure 166. 174 MHz Vertical, 200 - 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

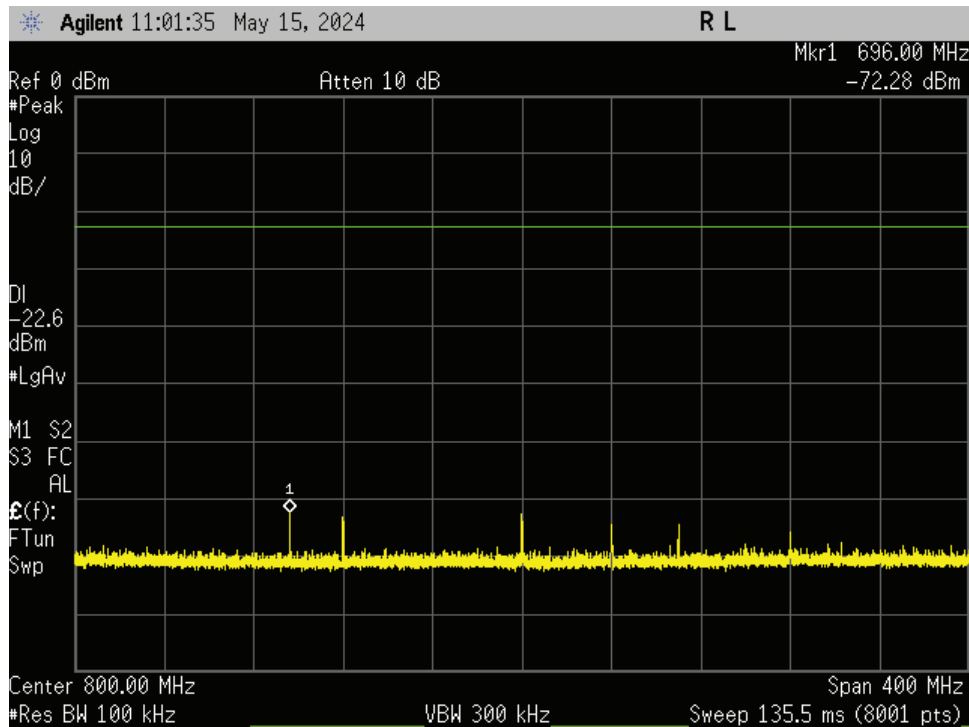


Figure 167. 174 MHz Horizontal, 600 – 1000 MHz

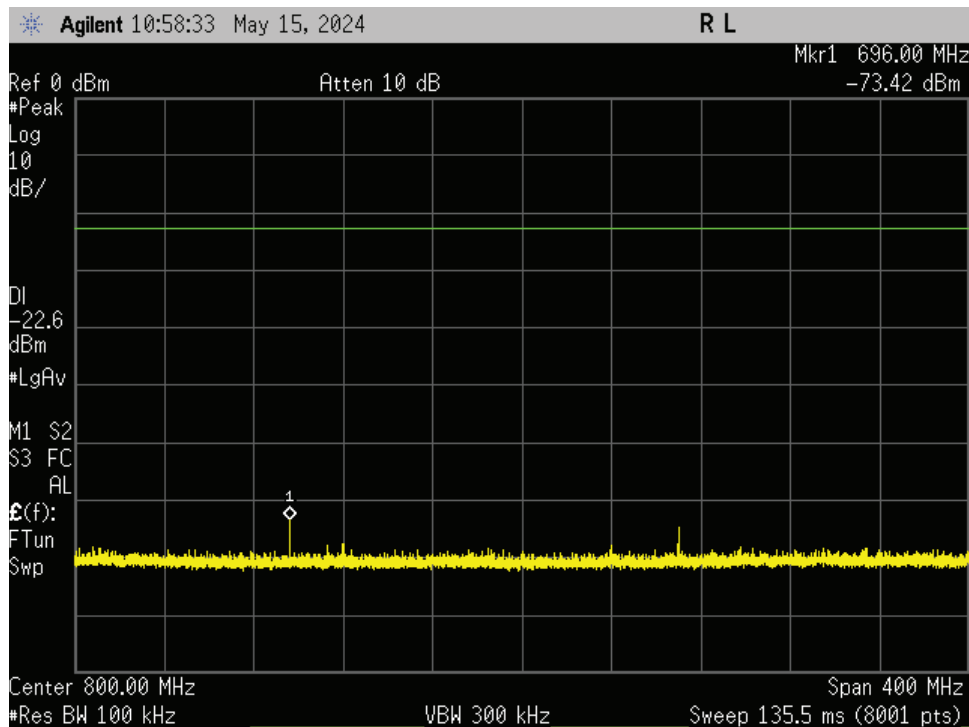


Figure 168. 174 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

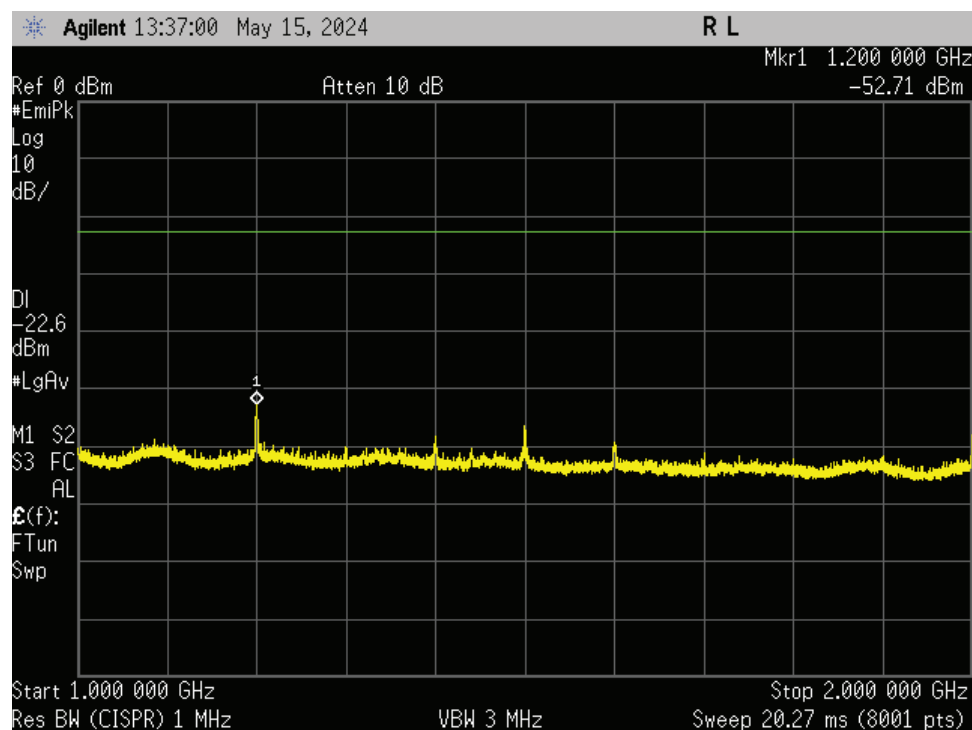


Figure 169. 174 MHz Horizontal, 1 – 2 GHz

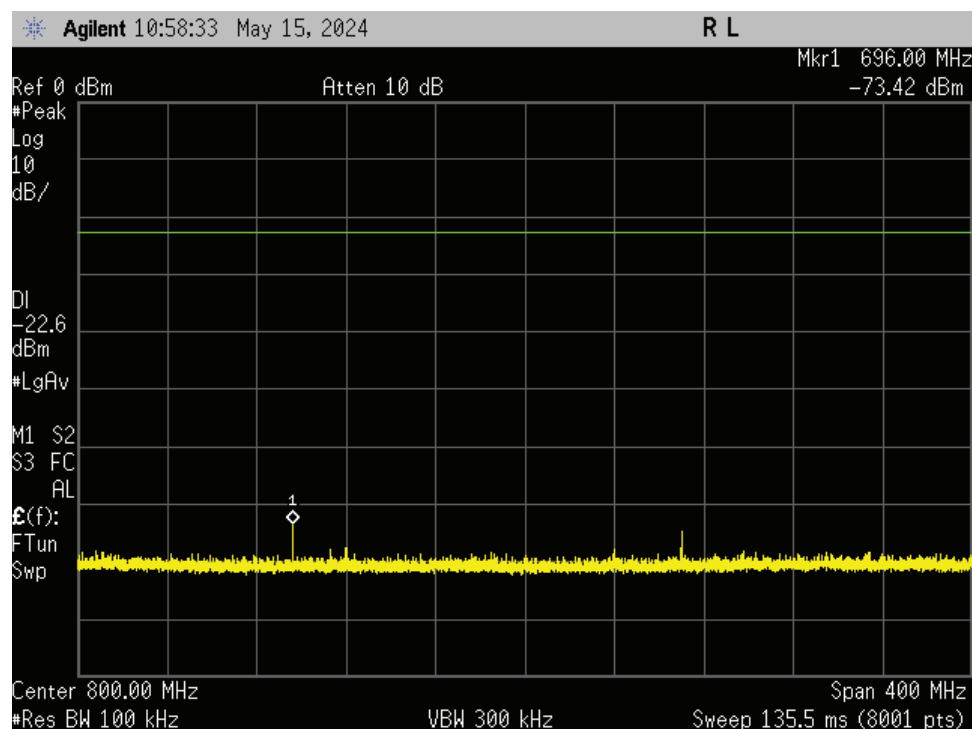


Figure 170. 174 MHz Vertical, 1 – 2 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

2.12.1.2 UHF Radiated Spurious Emissions Plots

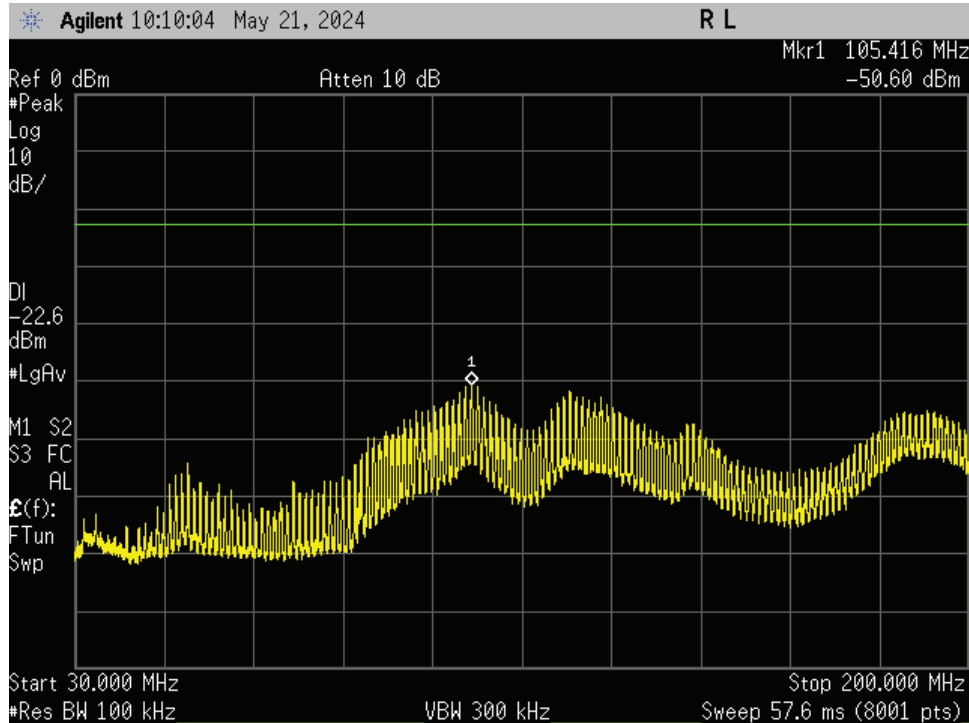


Figure 171. 407 MHz Horizontal, 30 – 200 MHz

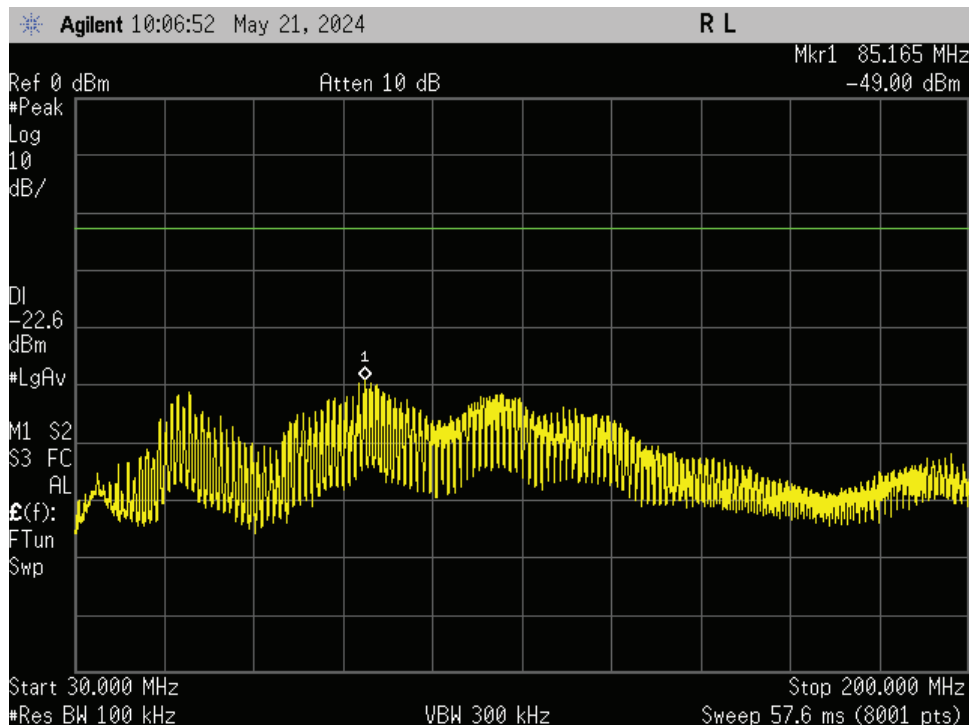


Figure 172. 407 MHz Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

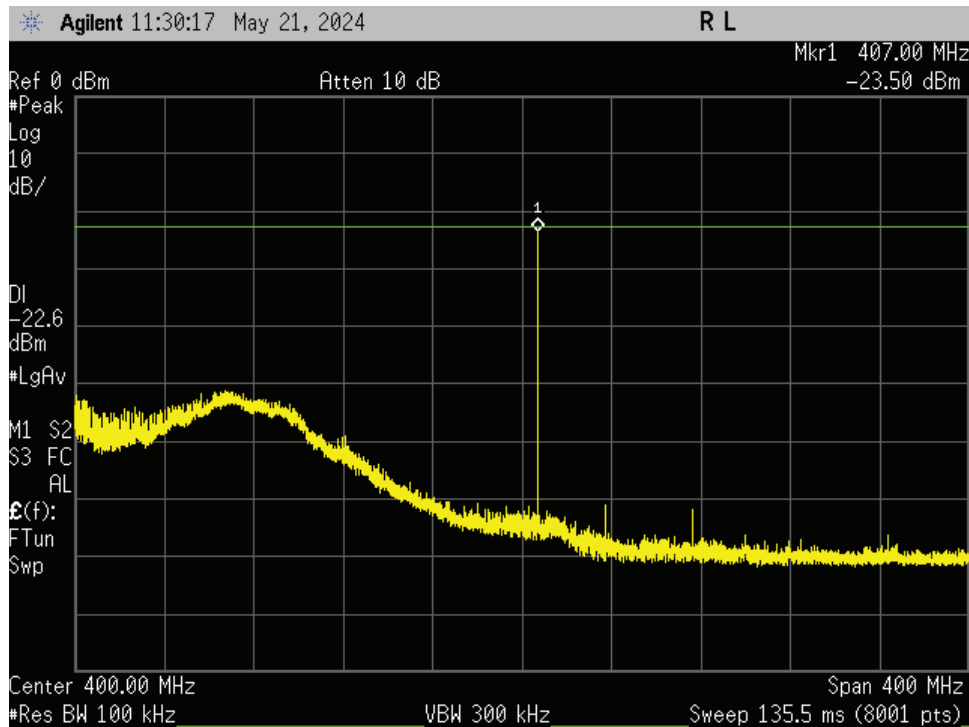


Figure 173. 407 MHz Horizontal, 200 – 600 MHz

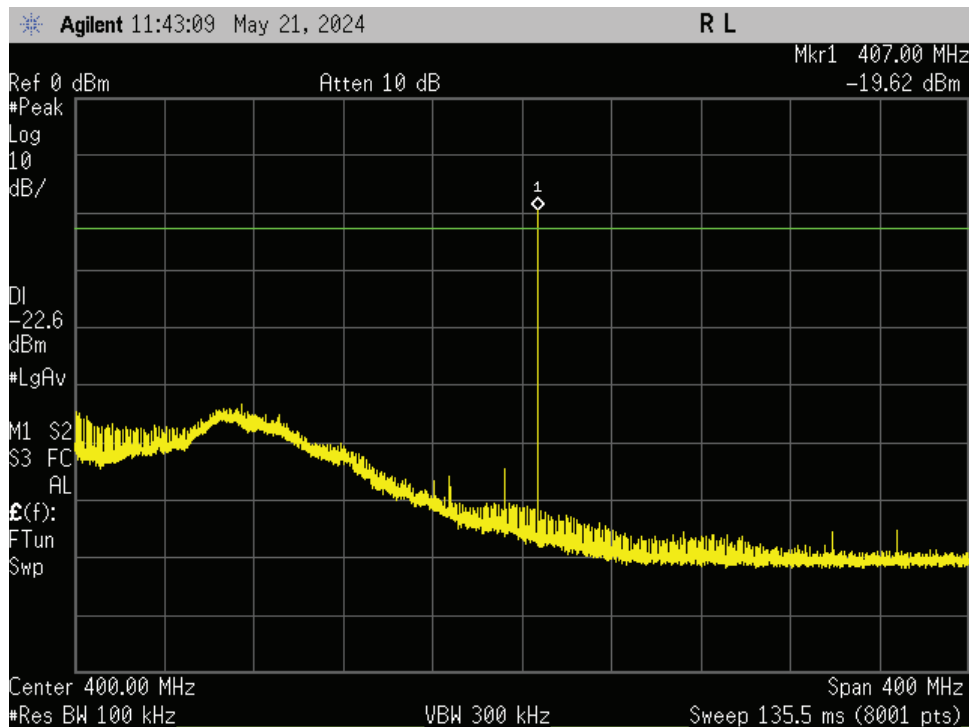


Figure 174. 407 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

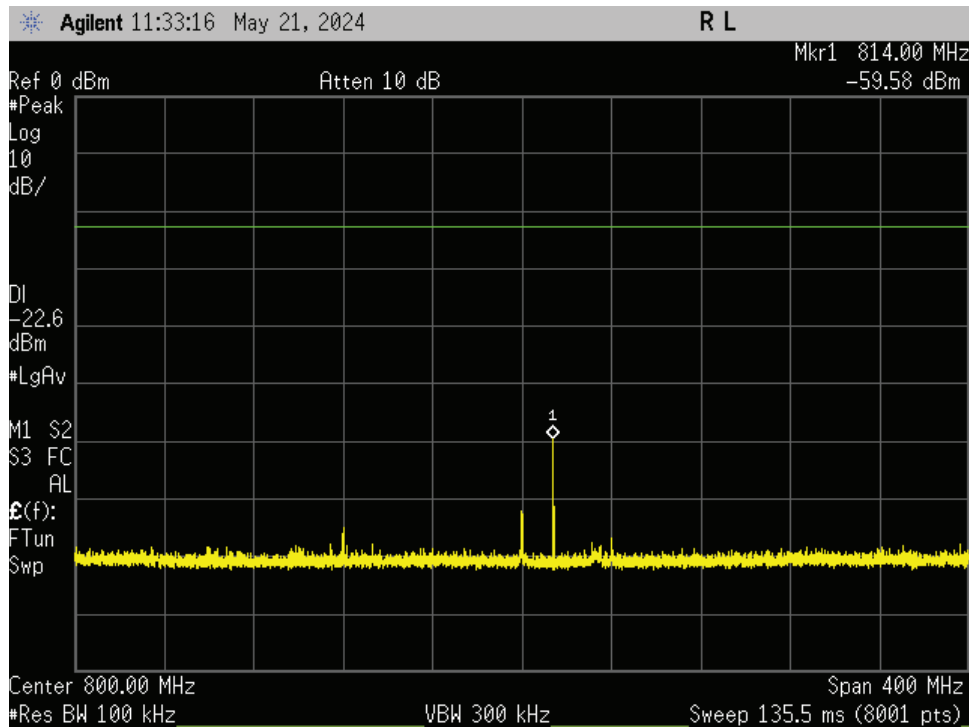


Figure 175. 407 MHz Horizontal, 600 – 1000 MHz

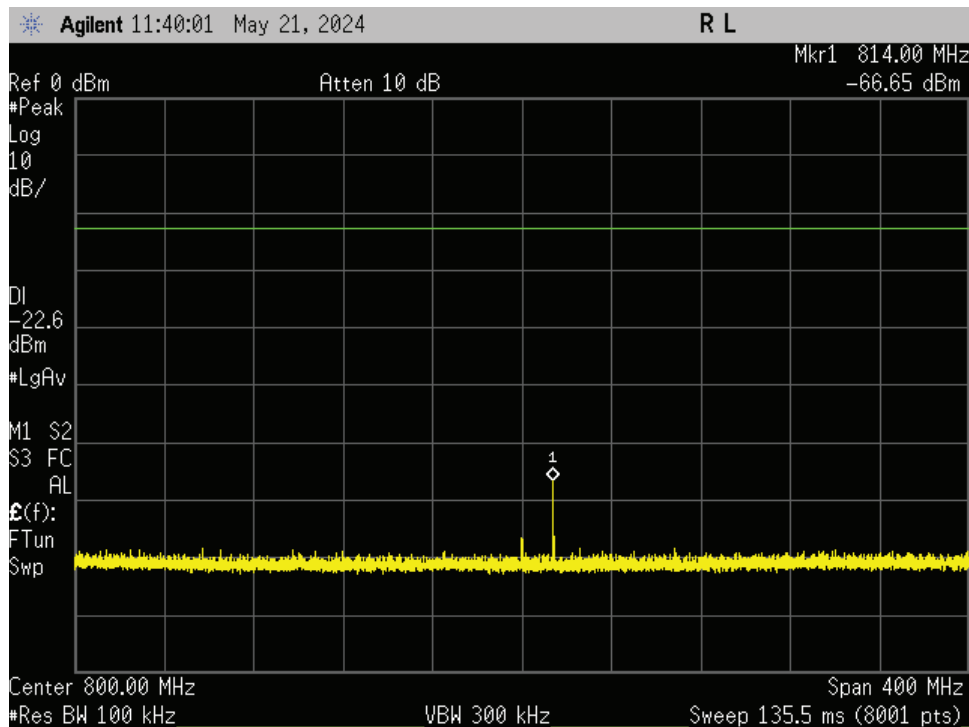


Figure 176. 407 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

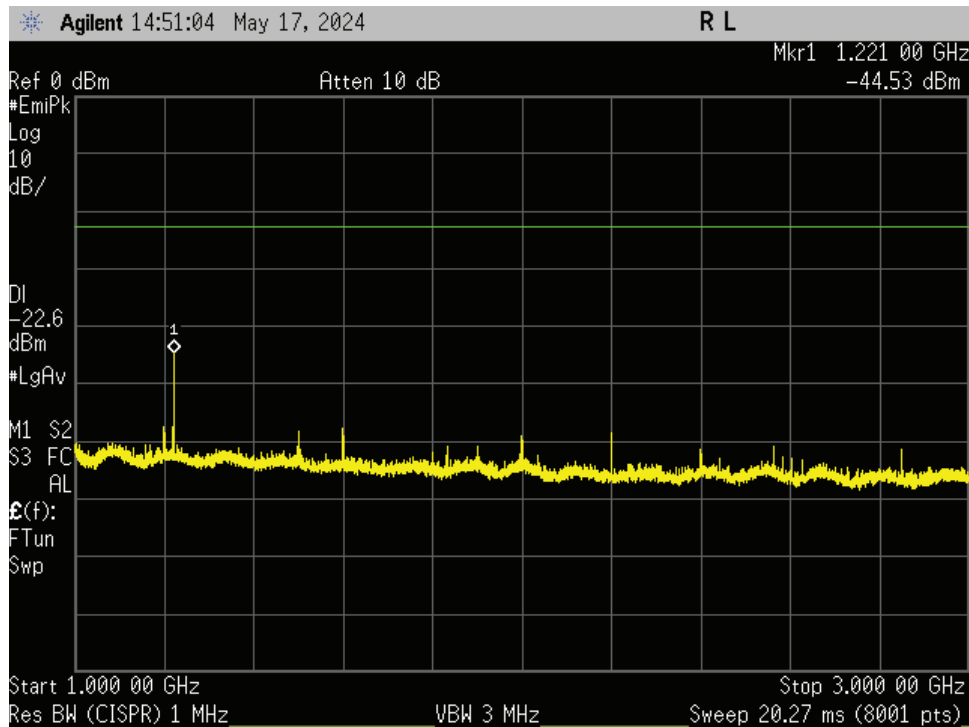


Figure 177. 407 MHz Horizontal, 1 - 3 GHz

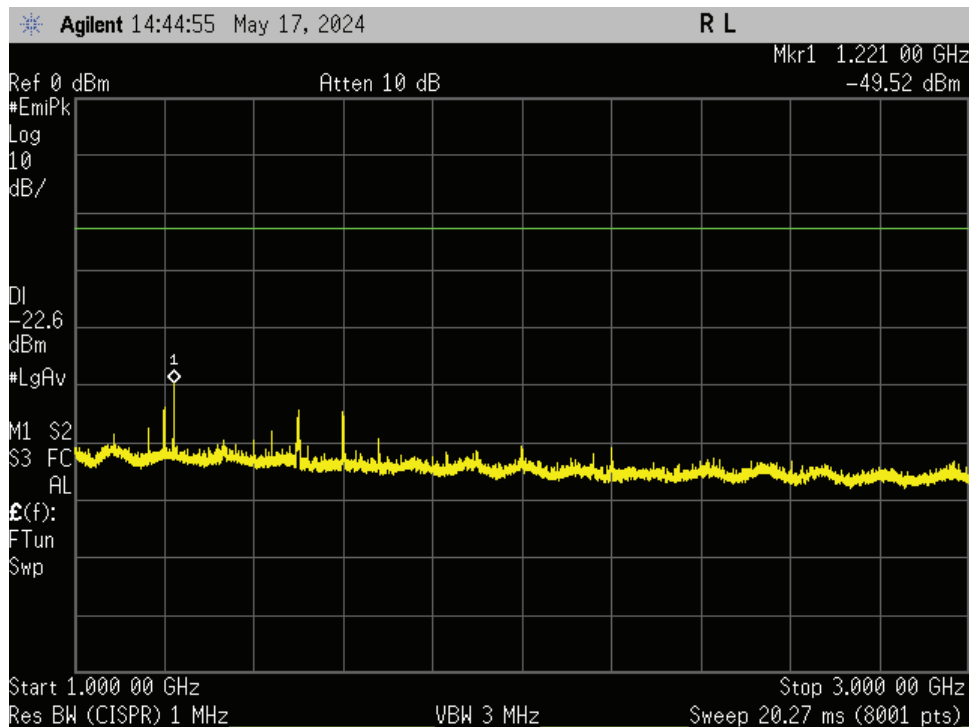


Figure 178. 407 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

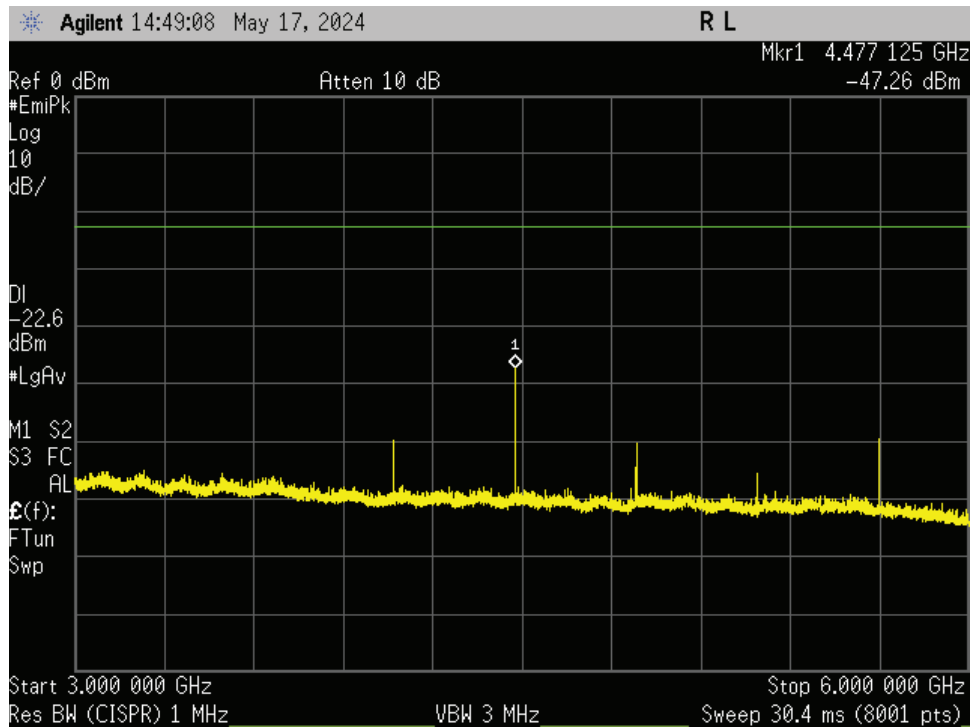


Figure 179. 407 MHz Horizontal, 3 - 6 GHz

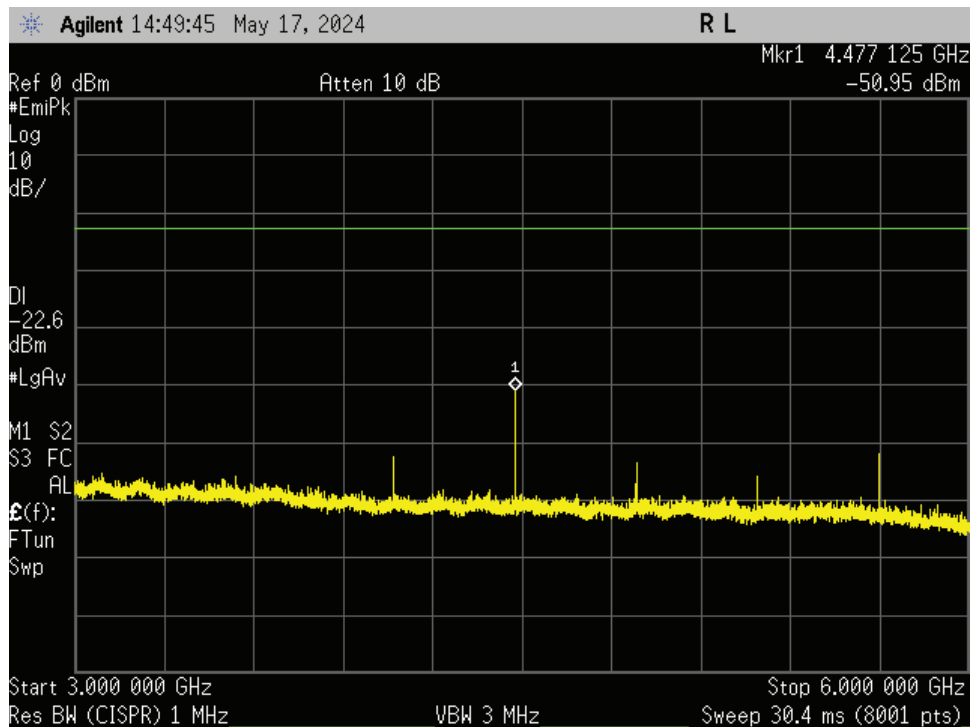


Figure 180. 407 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

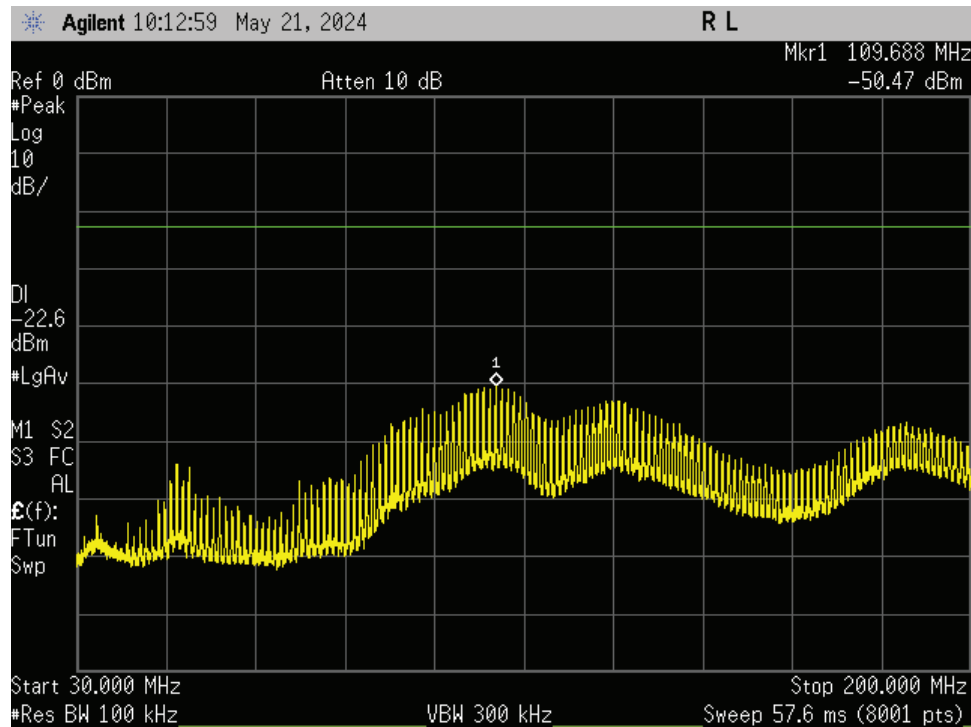


Figure 181. 421 MHz Horizontal, 30 - 200 MHz

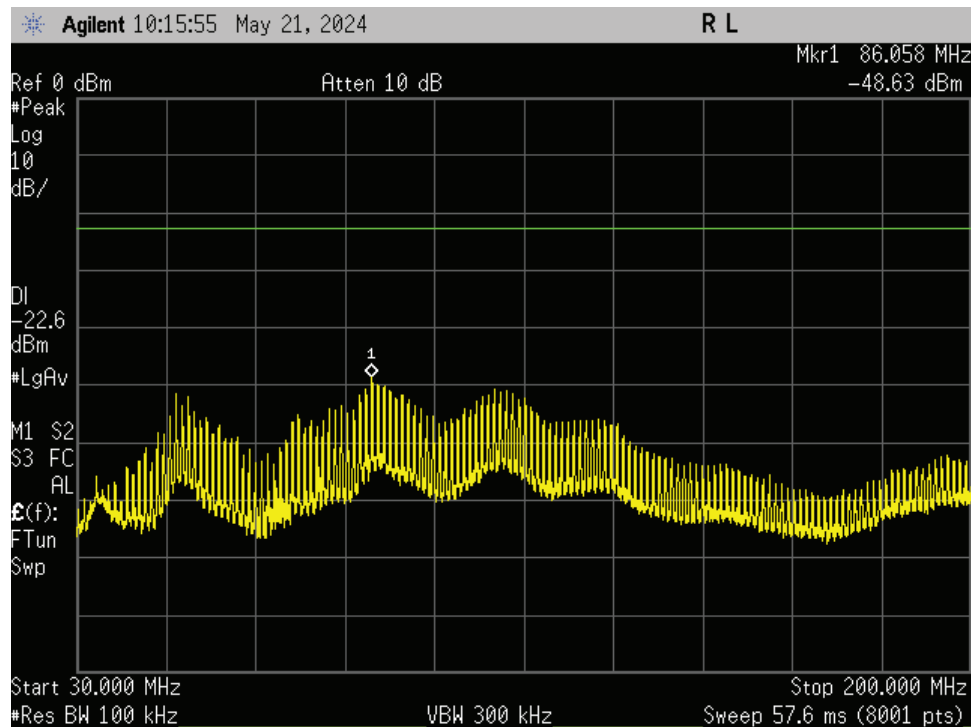


Figure 182. 421 MHz Vertical, 30 - 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

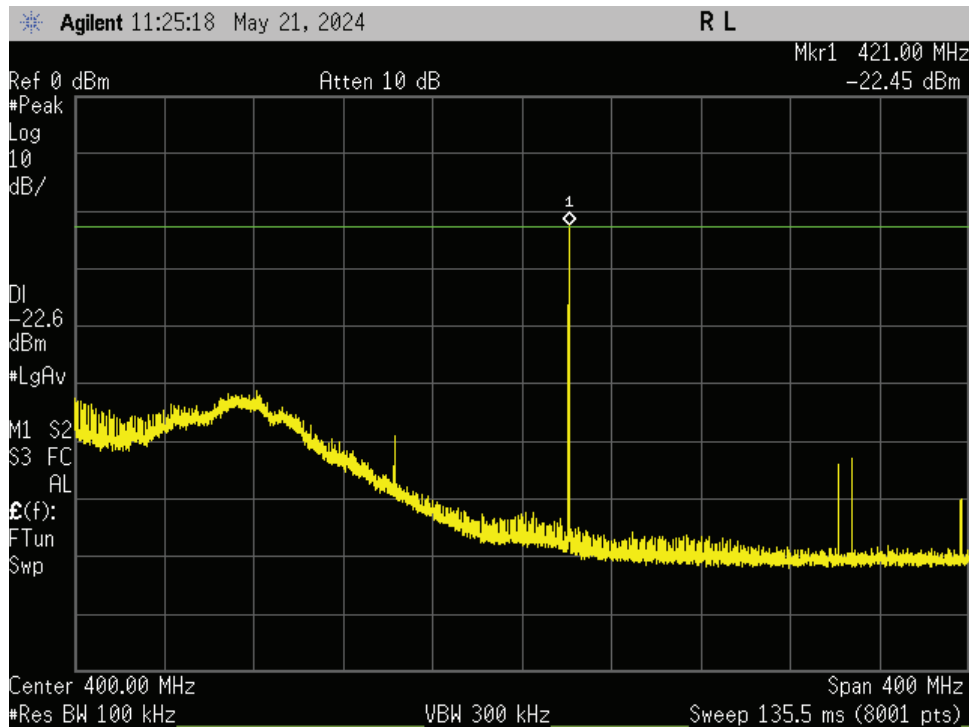


Figure 183. 421 MHz Horizontal, 200 – 600 MHz

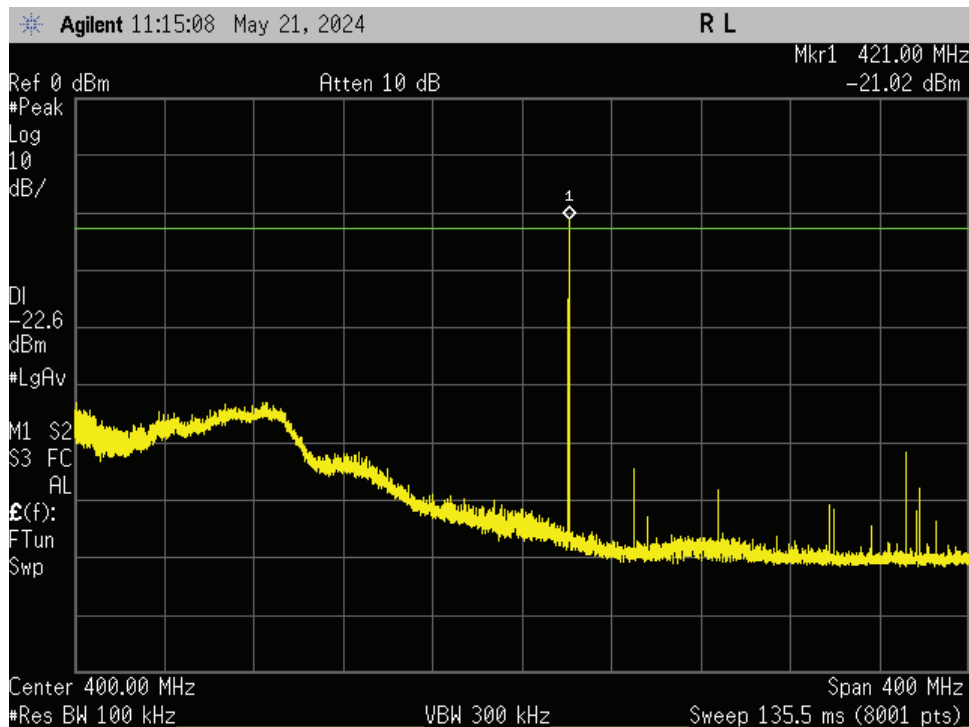


Figure 184. 421 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

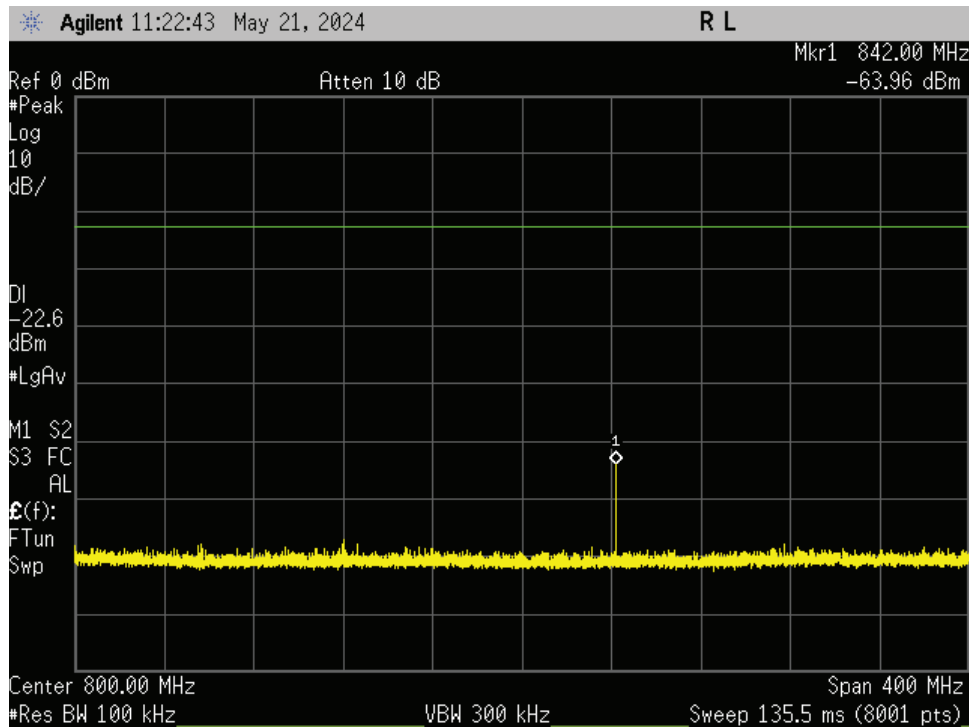


Figure 185. 421 MHz Horizontal, 600 – 1000 MHz

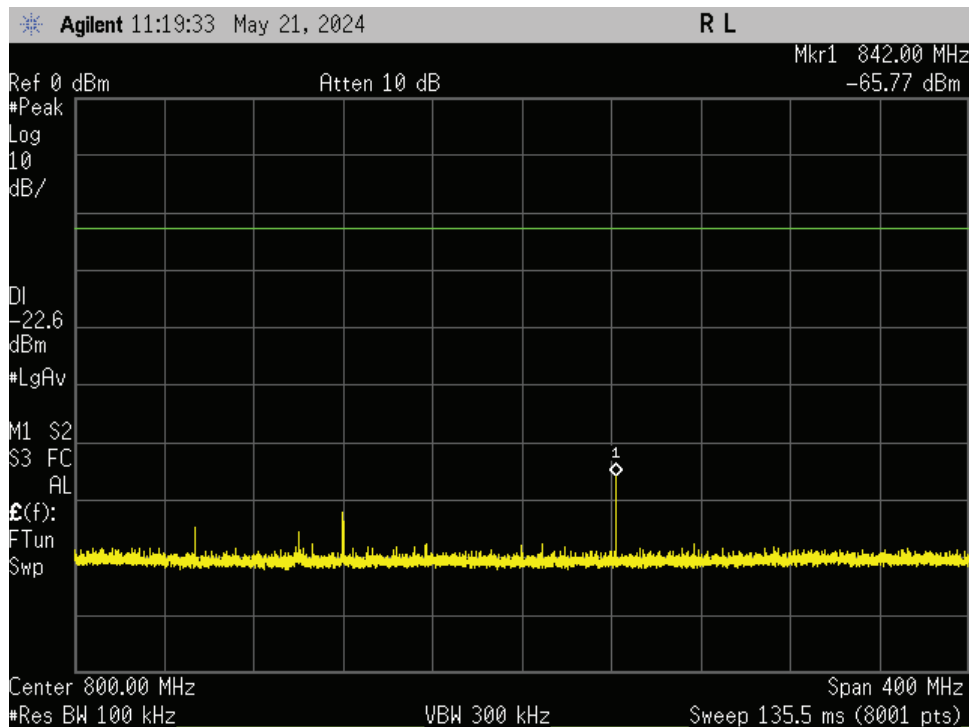


Figure 186. 421 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

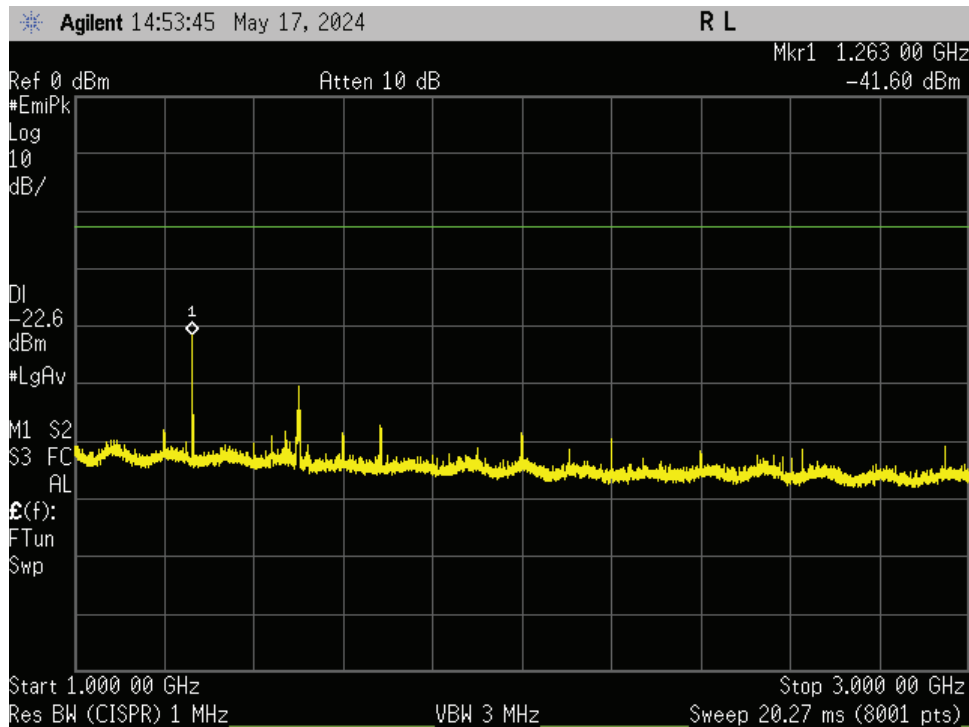


Figure 187. 421 MHz Horizontal, 1 - 3 GHz

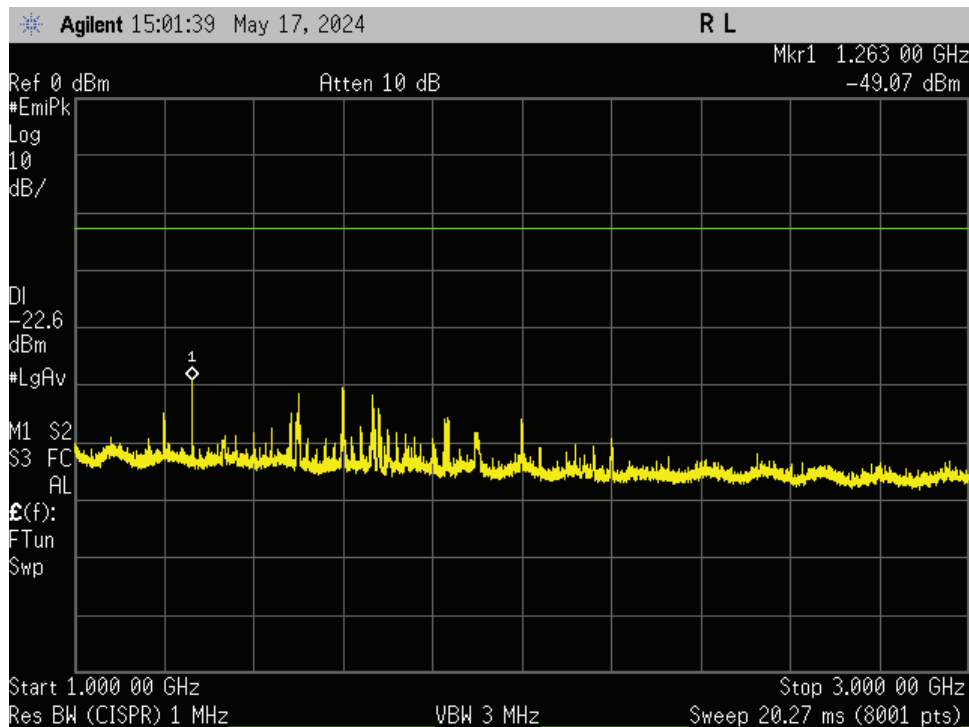


Figure 188. 421 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

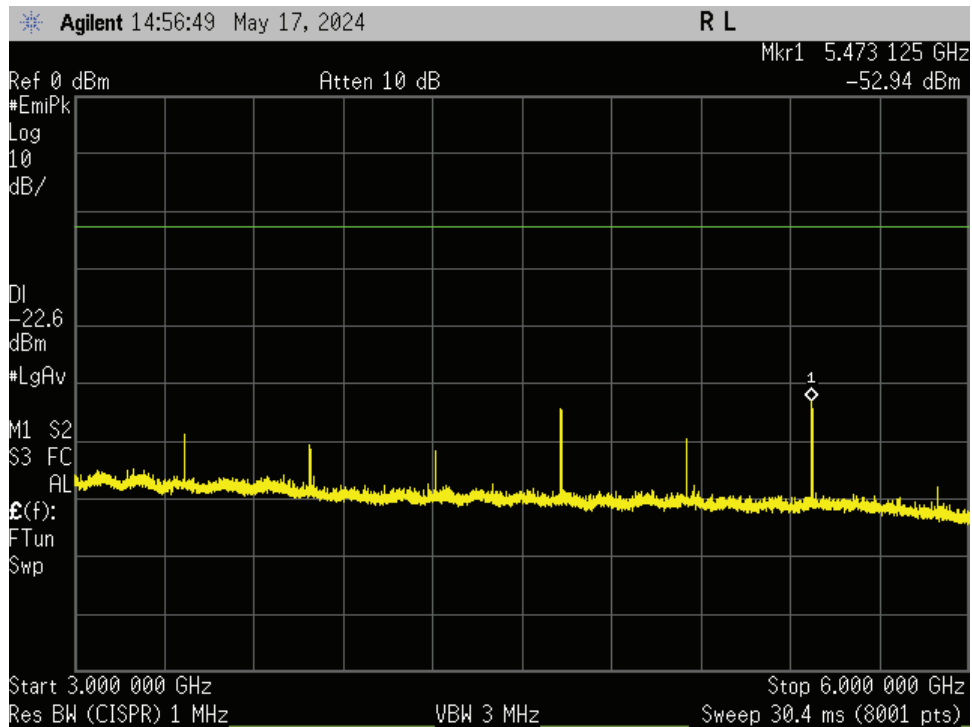


Figure 189. 421 MHz Horizontal, 3 - 6 GHz

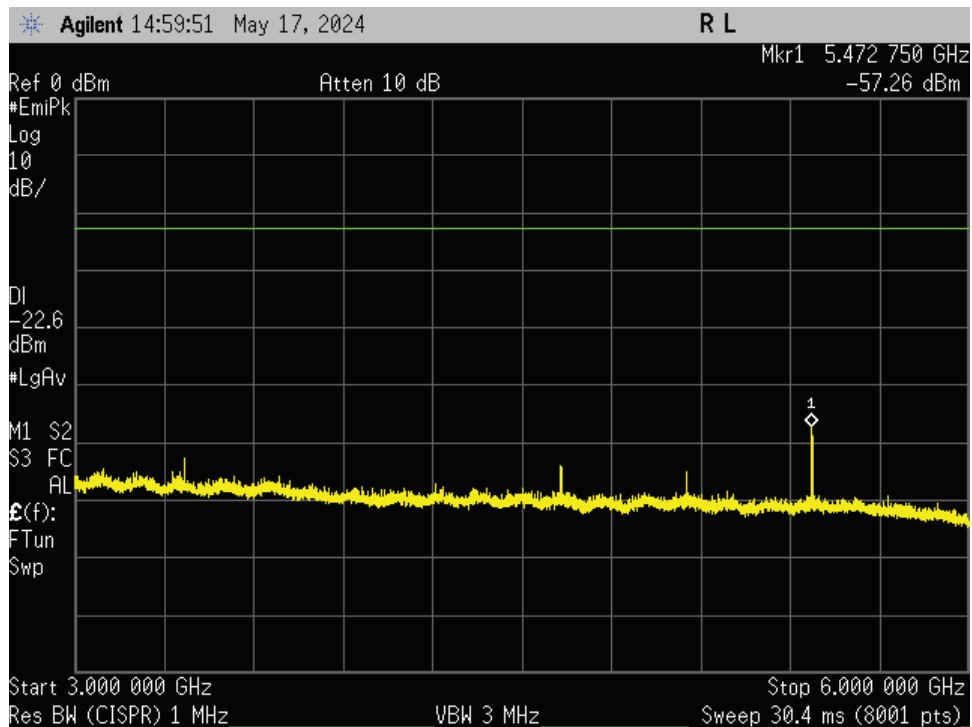


Figure 190. 421 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

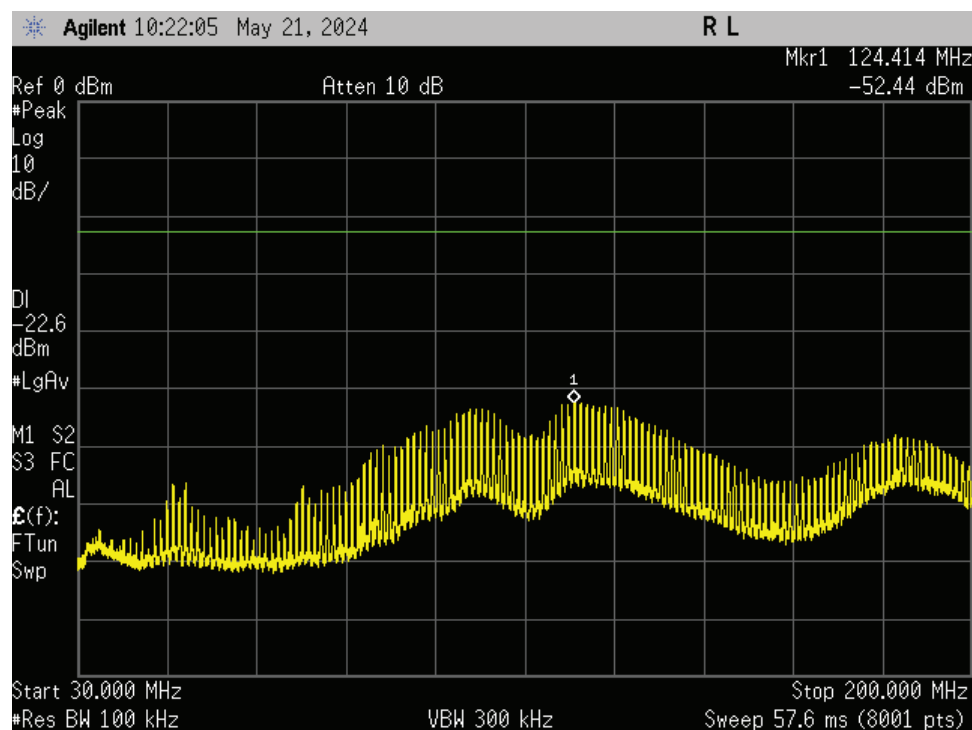


Figure 191. 480 MHz Horizontal, 30 – 200 MHz

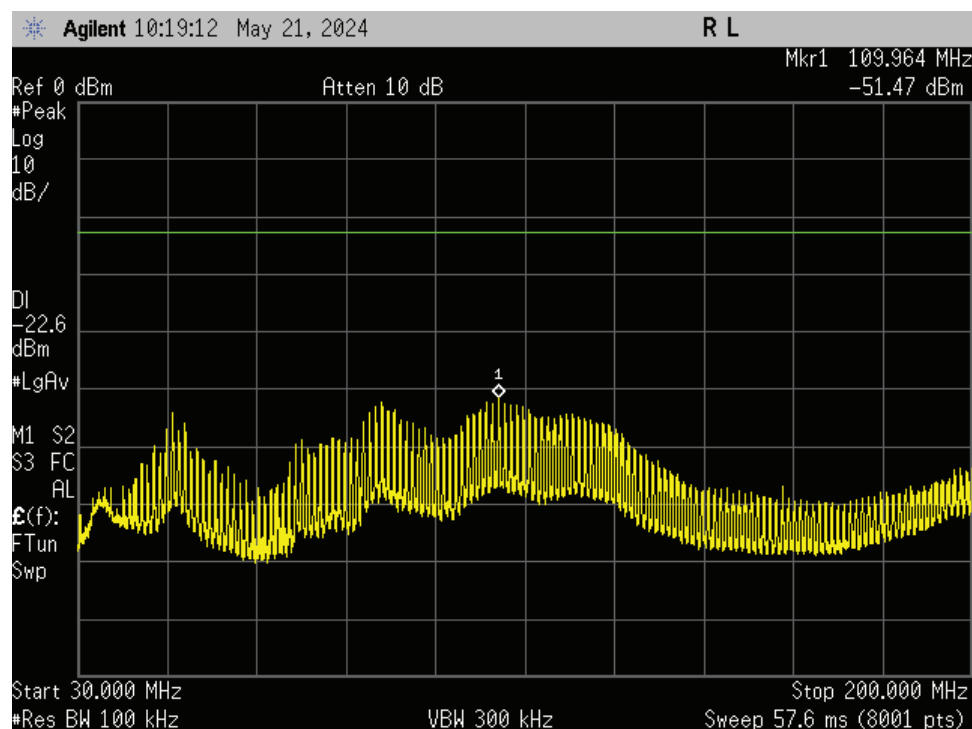


Figure 192. 480 MHz Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

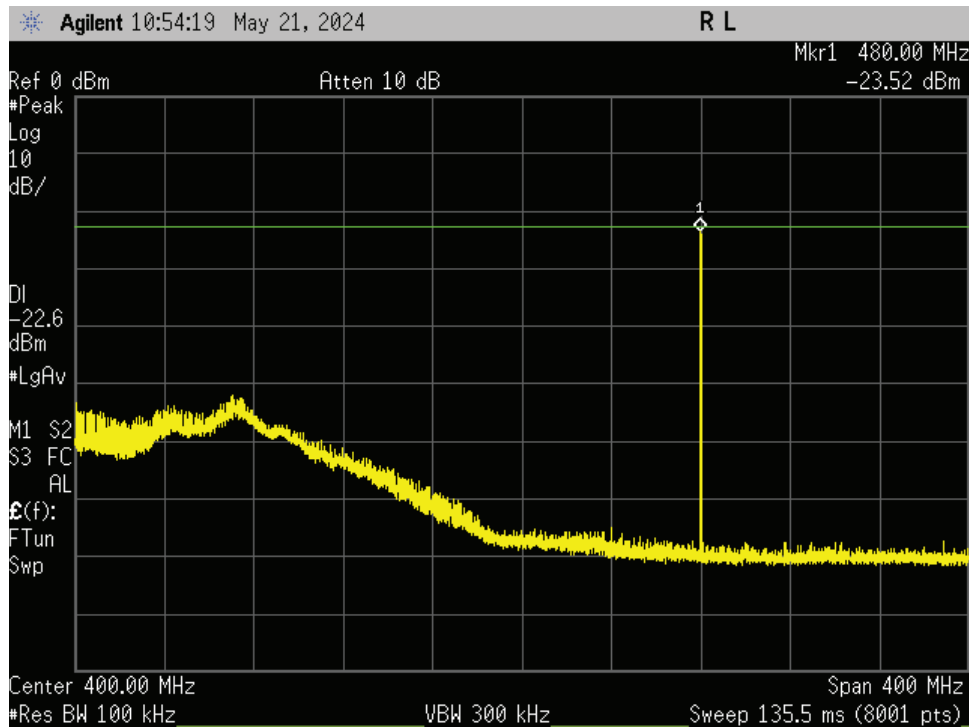


Figure 193. 480 MHz Horizontal, 200 – 600 MHz

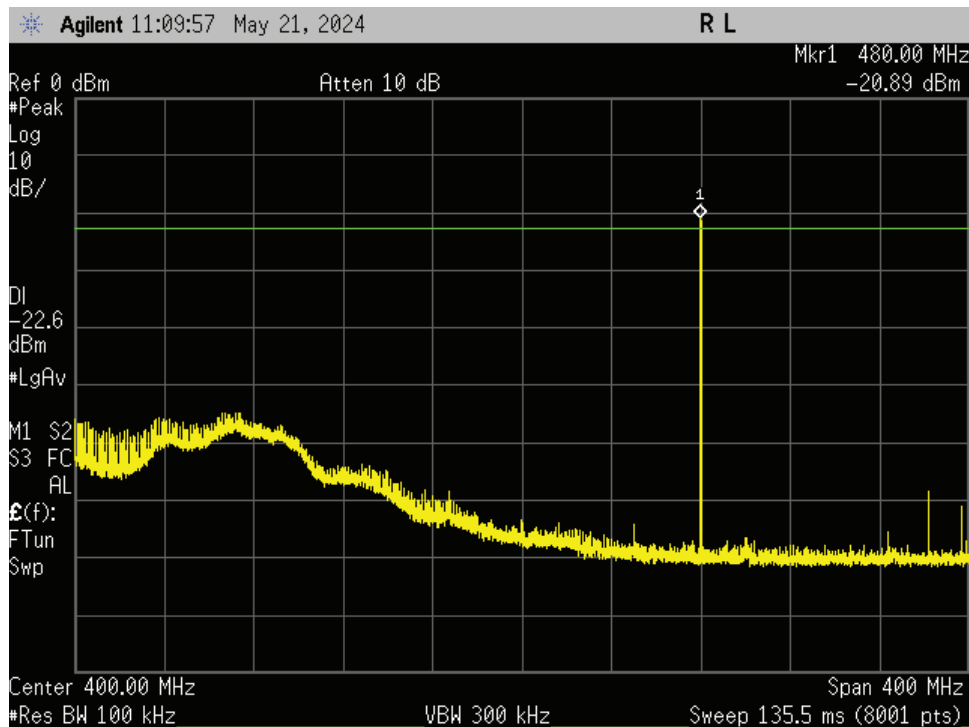


Figure 194. 480 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

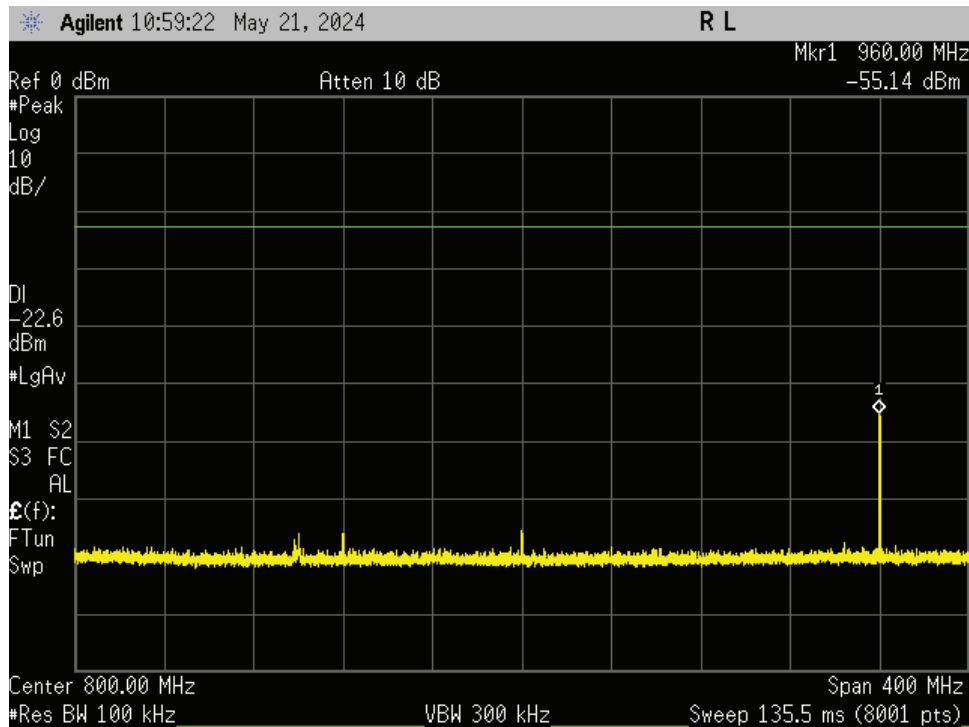


Figure 195. 480 MHz Horizontal, 600 – 1000 MHz

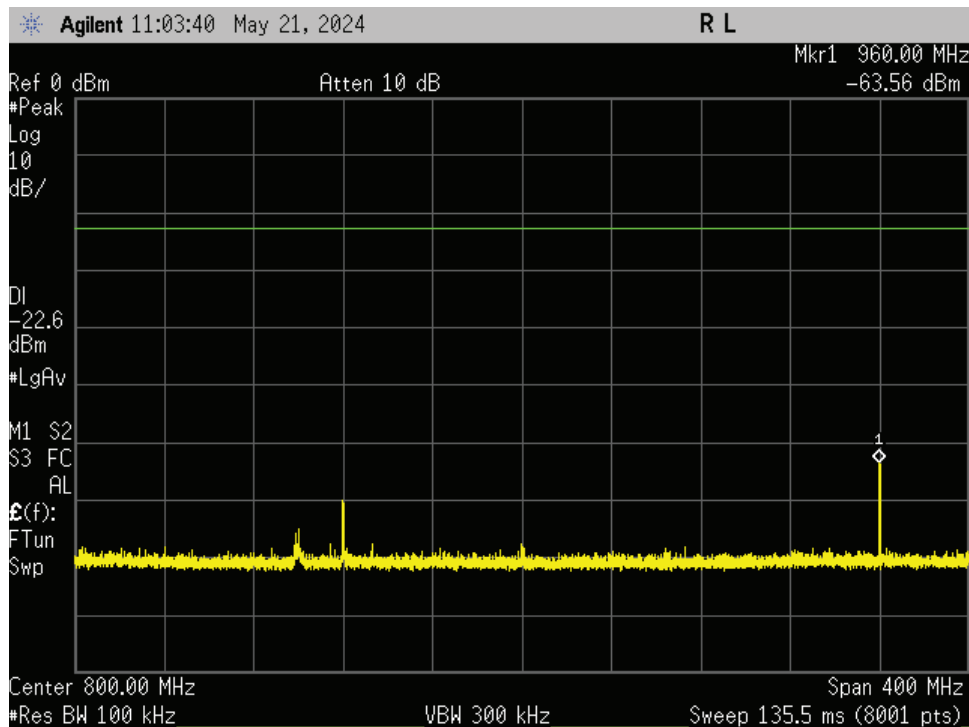


Figure 196. 480 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

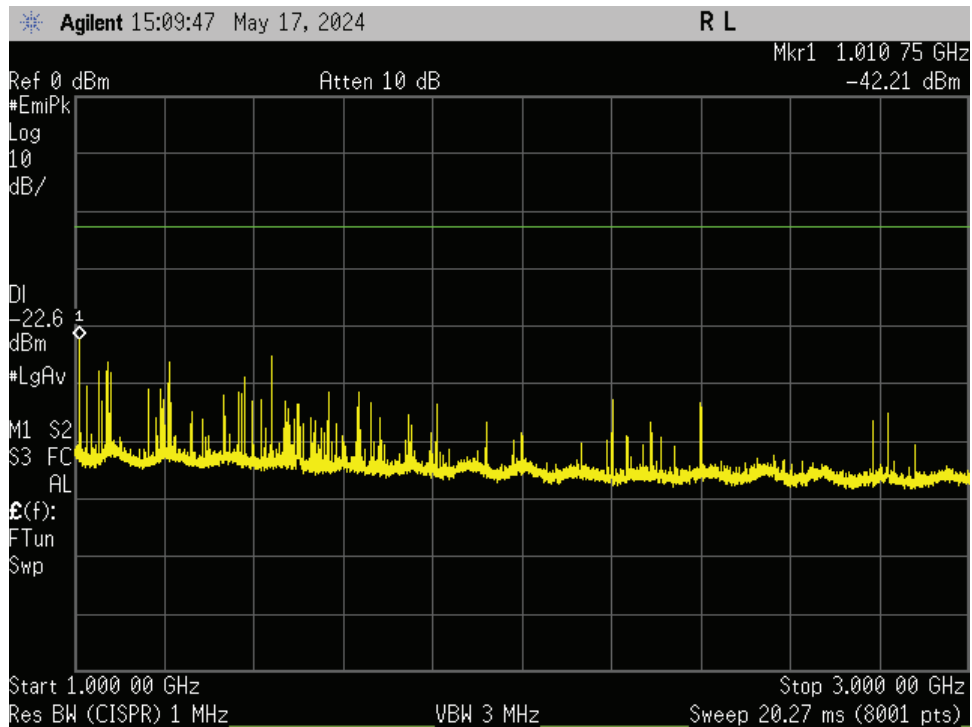


Figure 197. 480 MHz Horizontal, 1 - 3 GHz

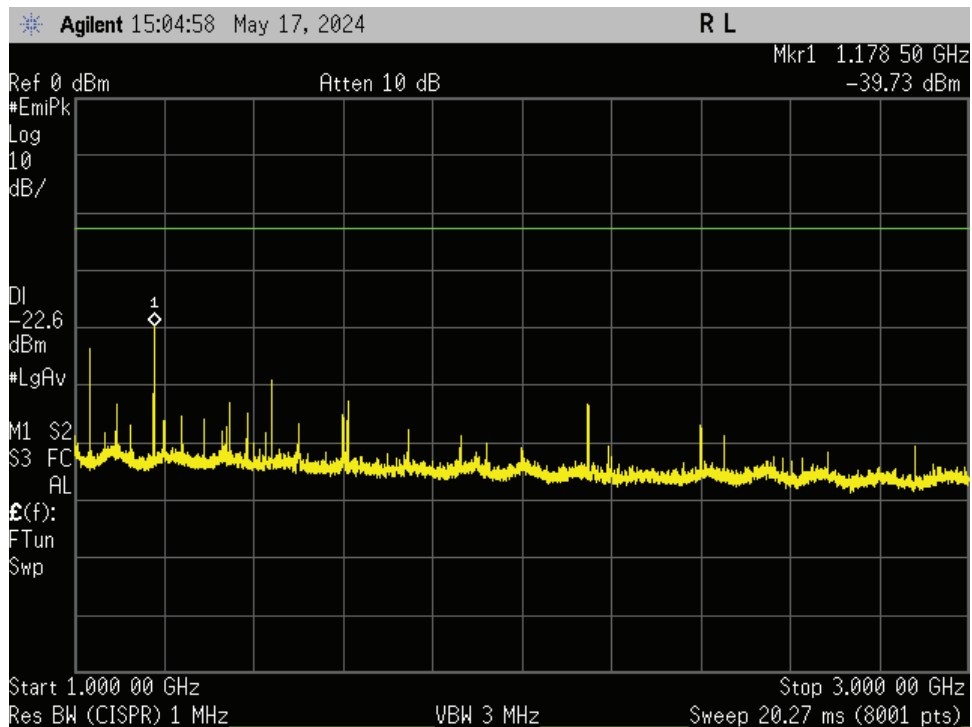


Figure 198. 480 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

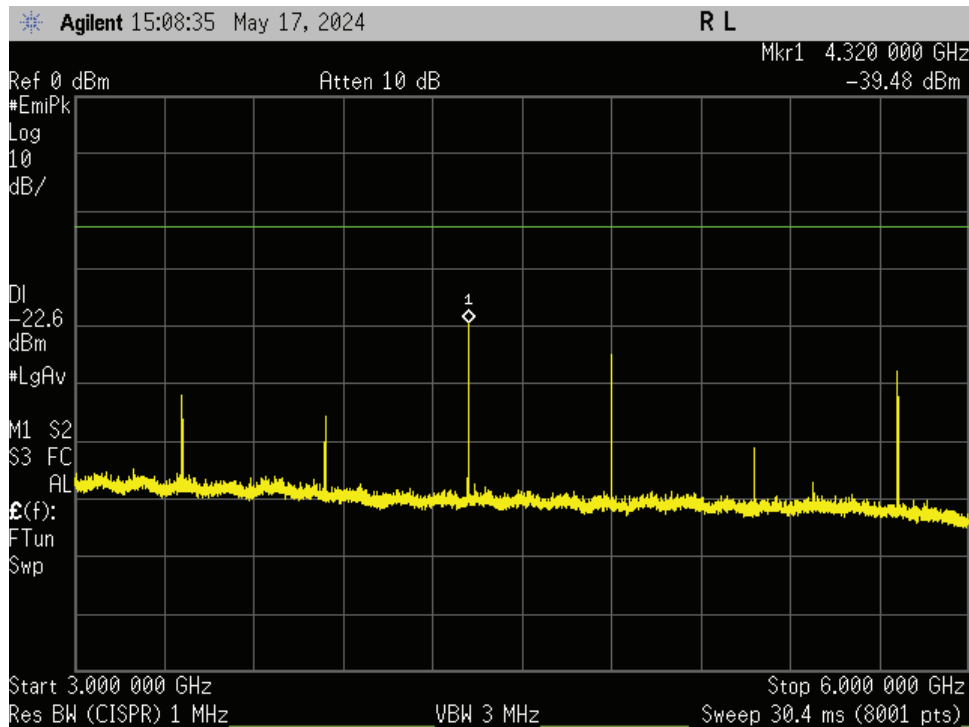


Figure 199. 480 MHz Horizontal, 3 - 6 GHz

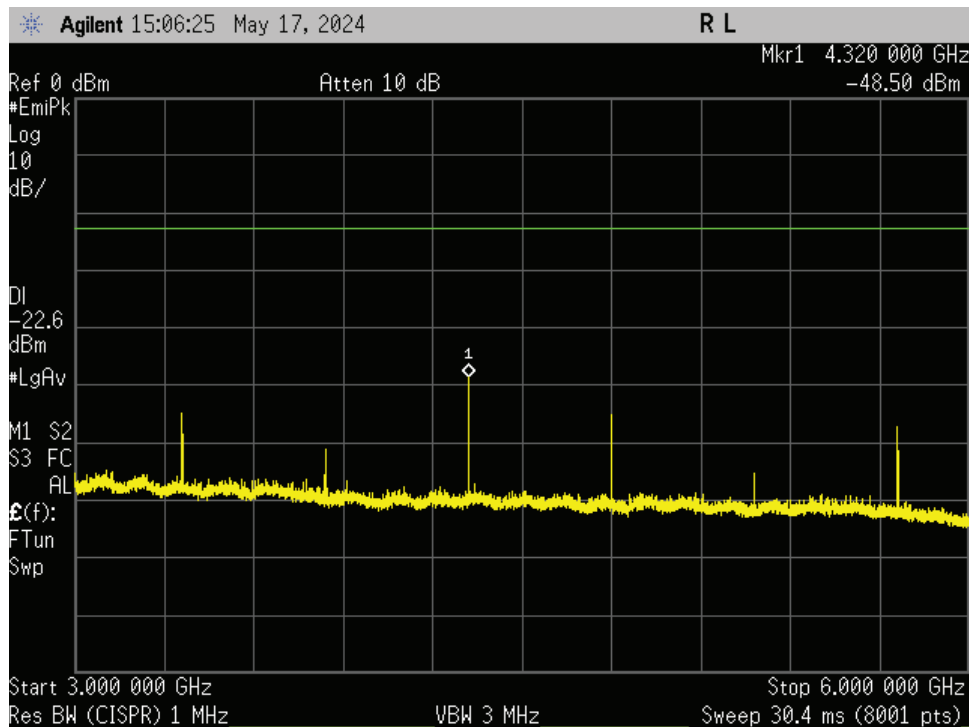


Figure 200. 480 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

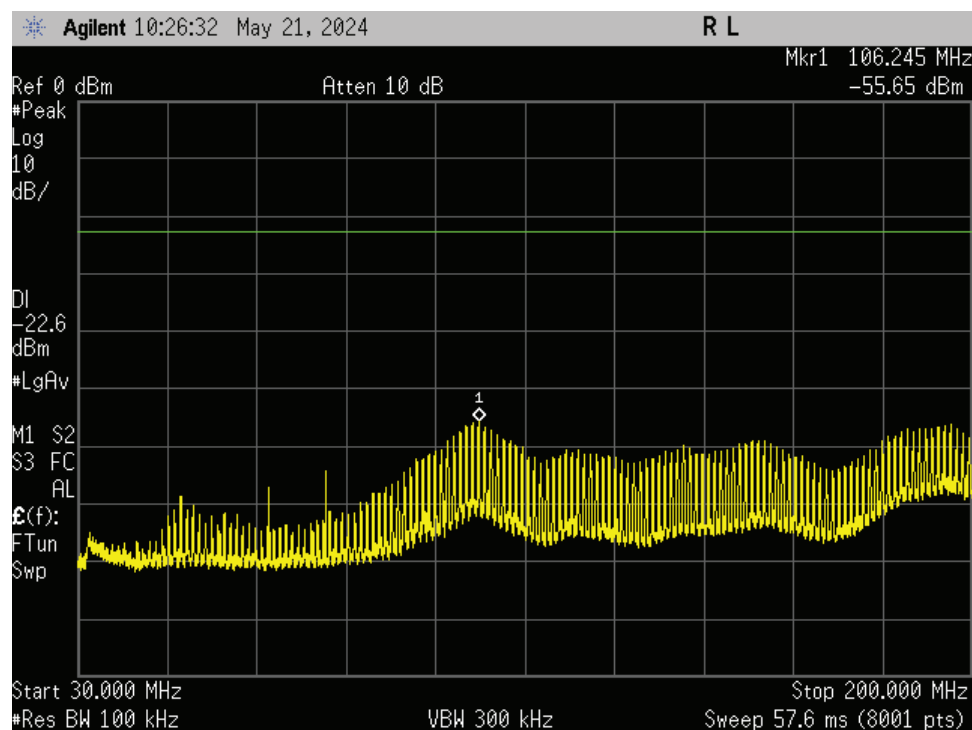


Figure 201. 512 MHz Horizontal, 30 - 200 MHz

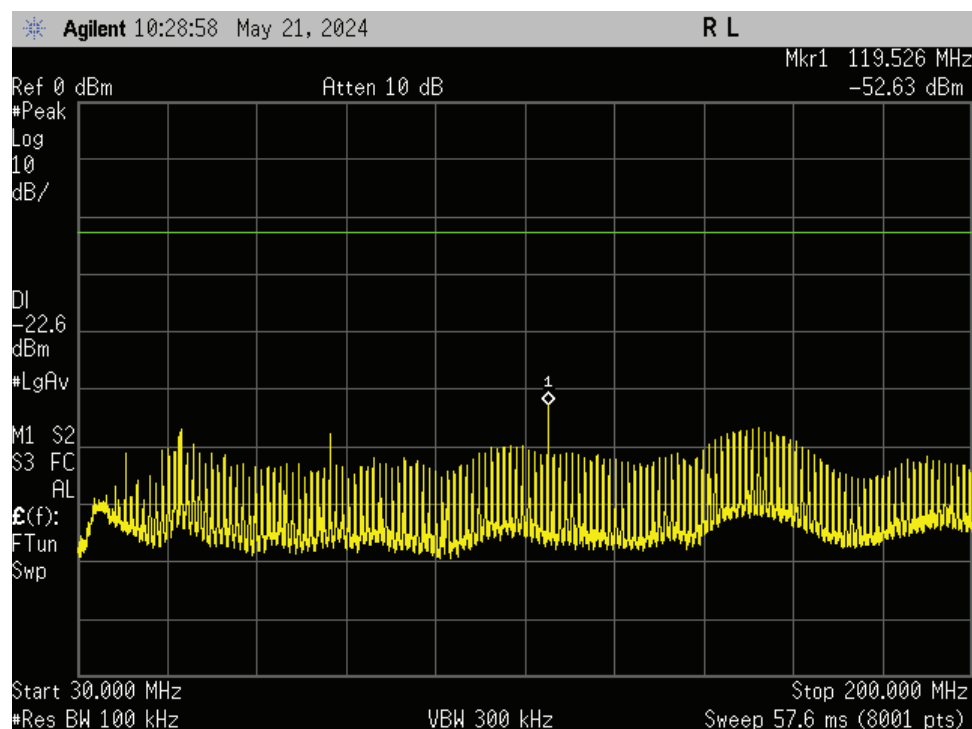


Figure 202. 512 MHz Vertical, 30 - 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

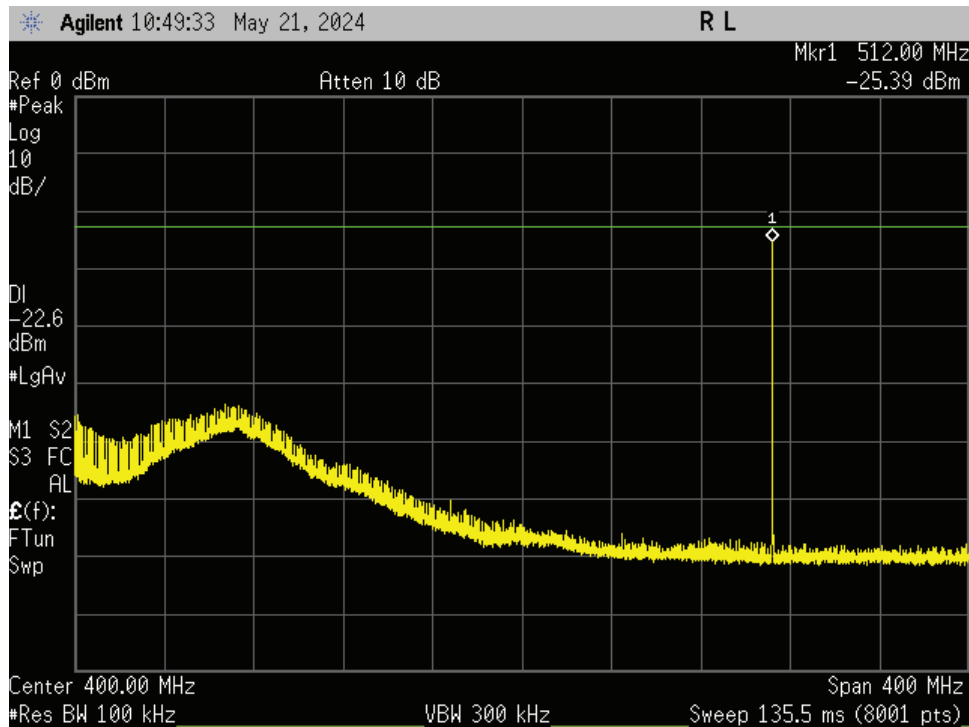


Figure 203. 512 MHz Horizontal, 200 – 600 MHz

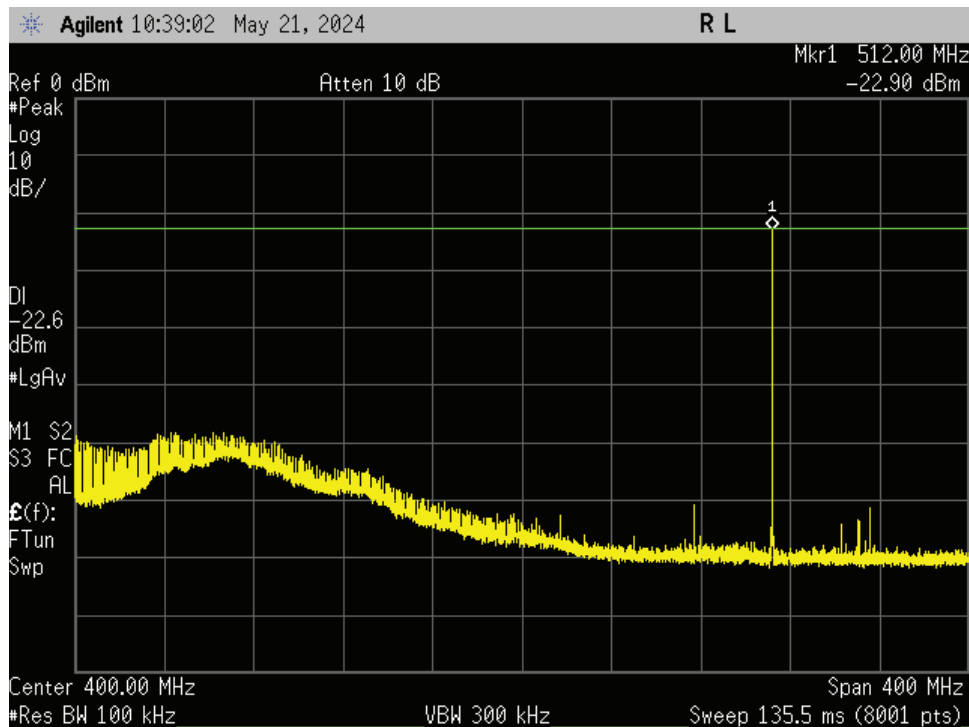


Figure 204. 512 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

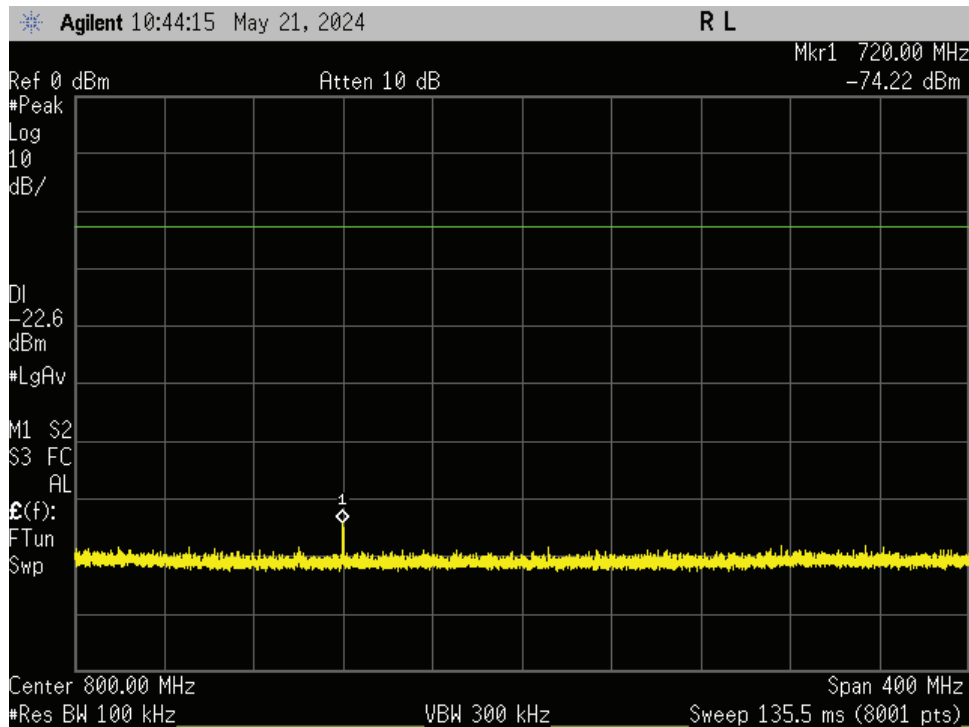


Figure 205. 512 MHz Horizontal, 600 – 1000 MHz

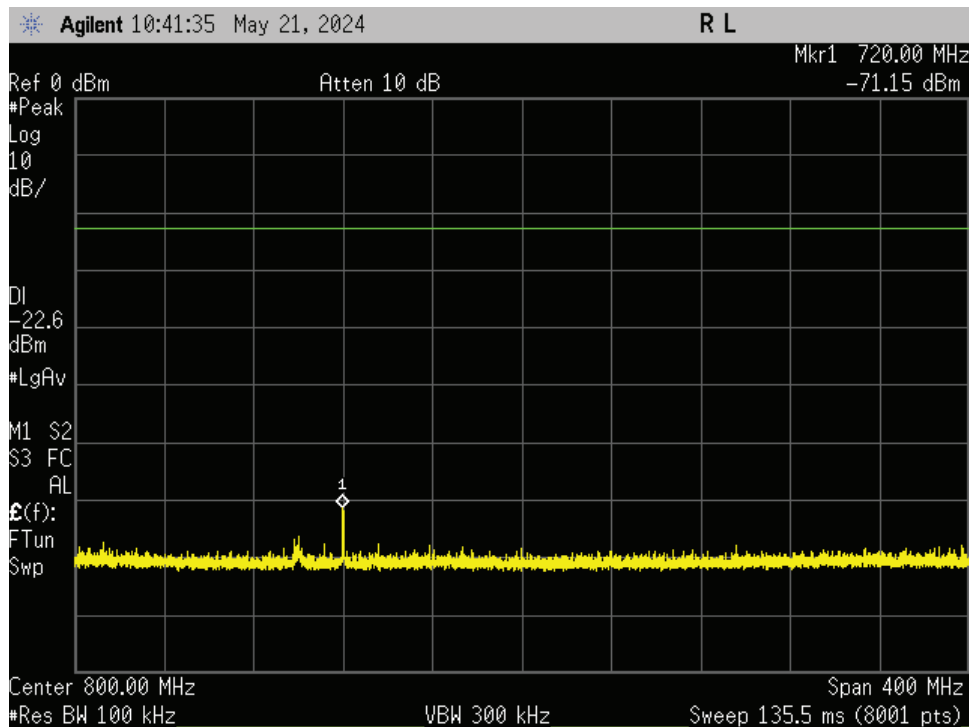


Figure 206. 512 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

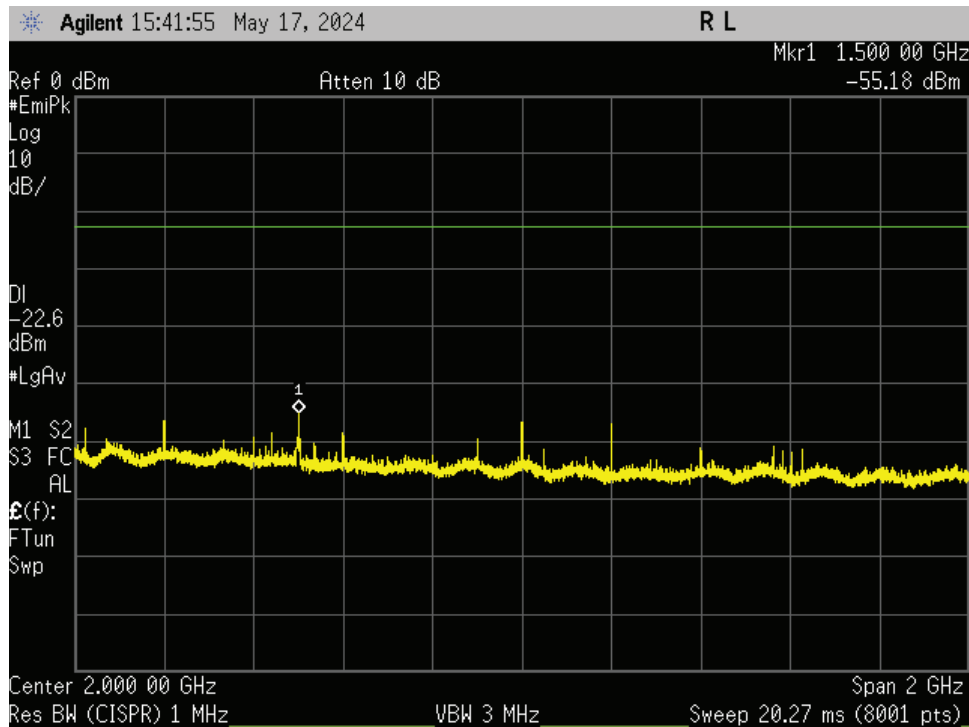


Figure 207. 512 MHz Horizontal, 1 - 3 GHz

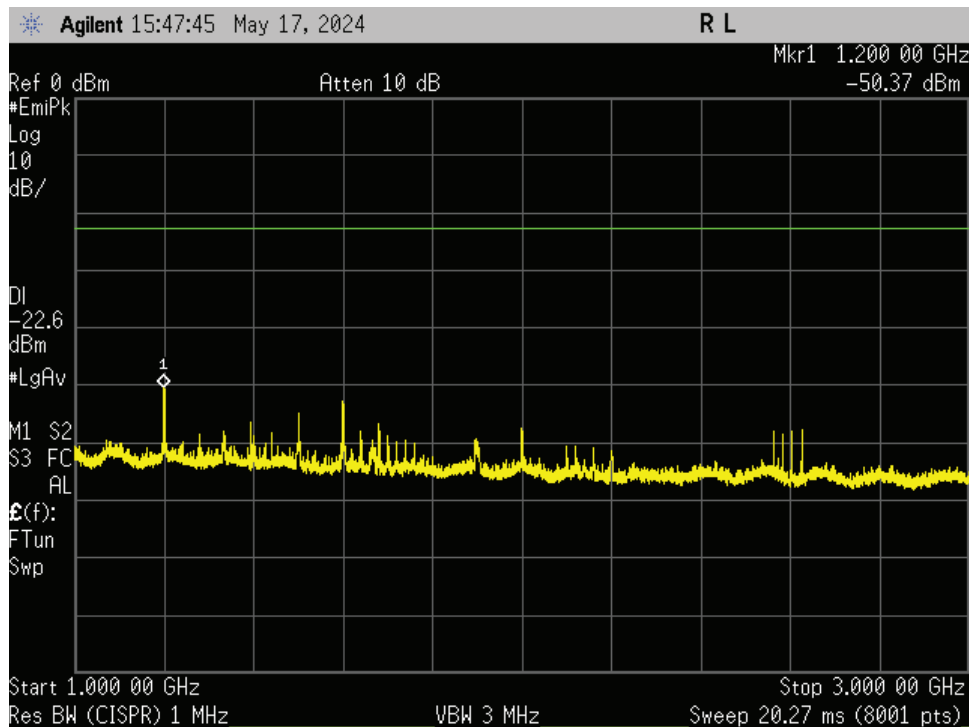


Figure 208. 512 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

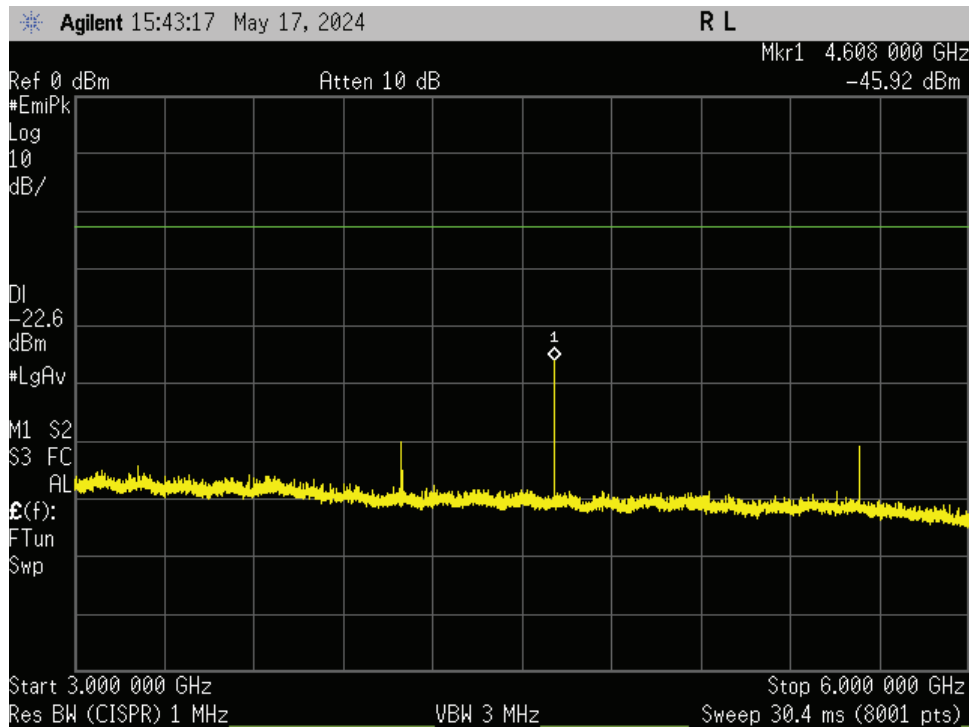


Figure 209. 512 MHz Horizontal, 3 - 6 GHz

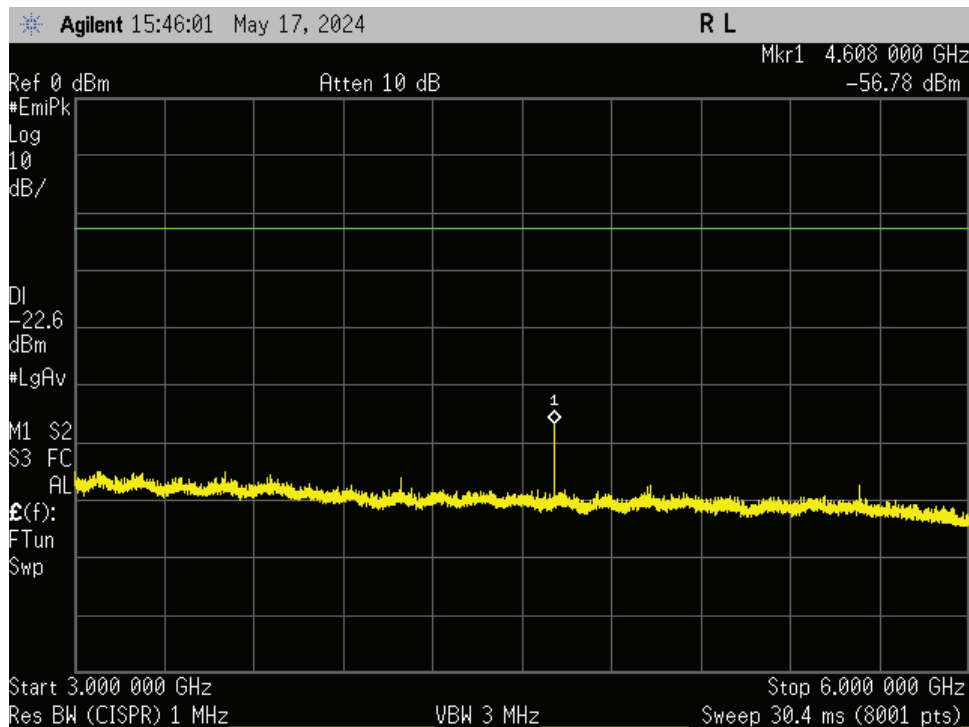


Figure 210. 512 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

2.12.1.3 700 MHz Radiated Spurious Emissions Plots

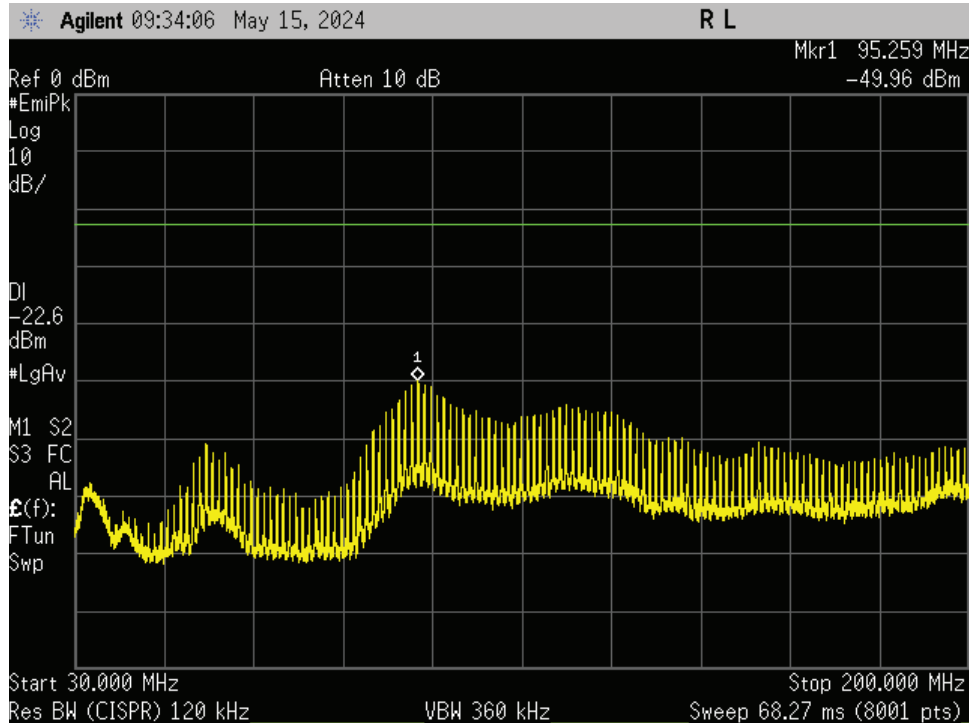


Figure 211. 788 MHz Horizontal, 30 – 200 MHz

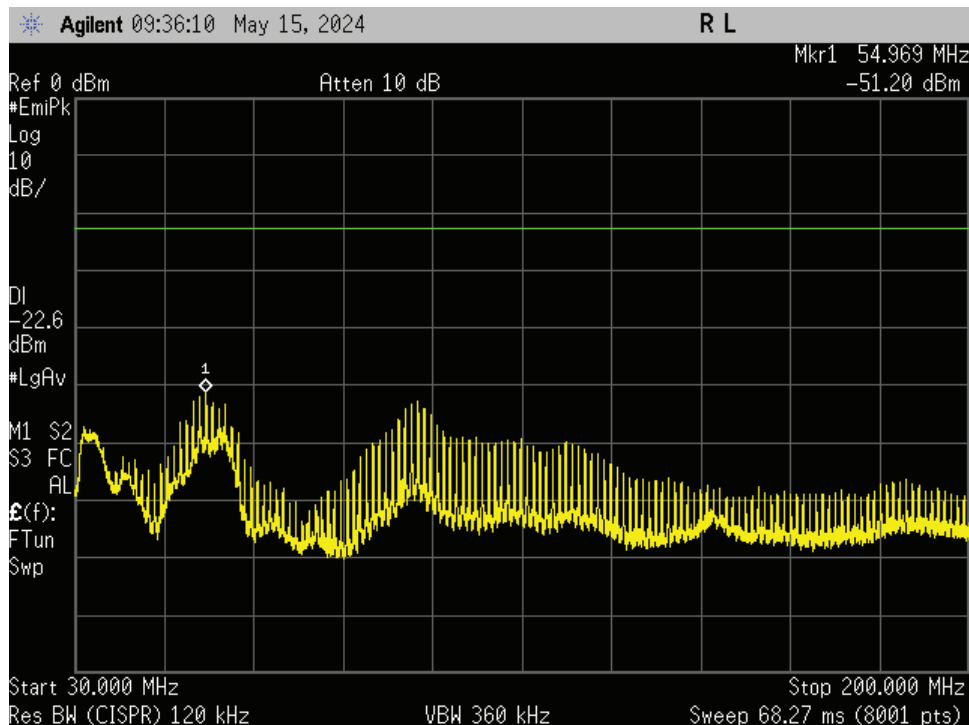


Figure 212. 788 MHz Vertical, 30 - 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

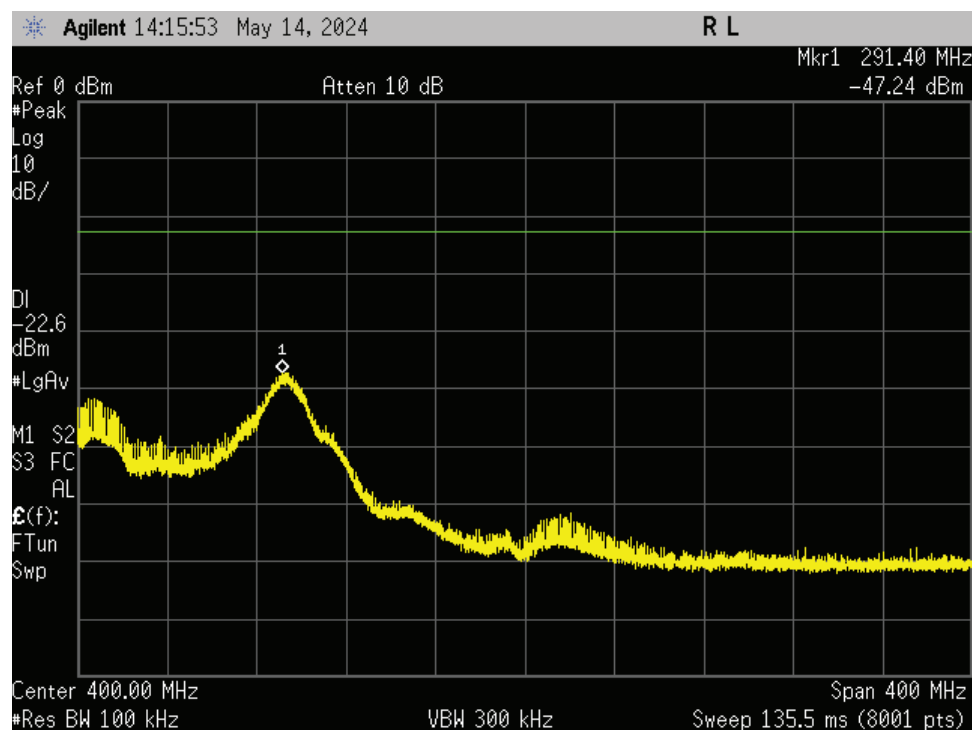


Figure 213. 788 MHz Horizontal, 200 – 600 MHz

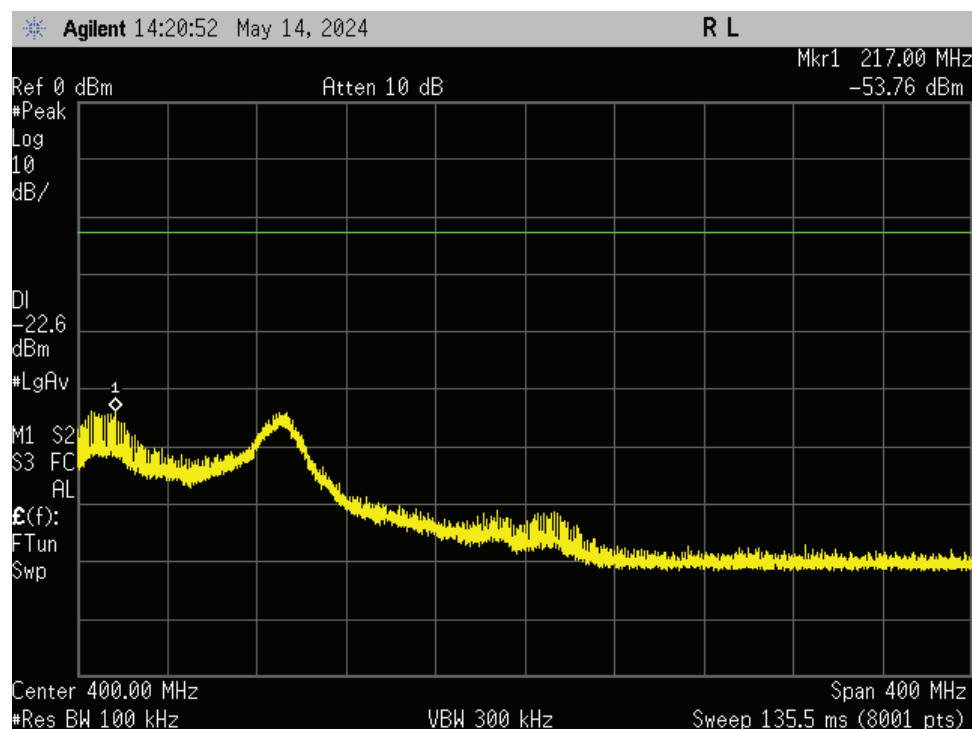


Figure 214. 788 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
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Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

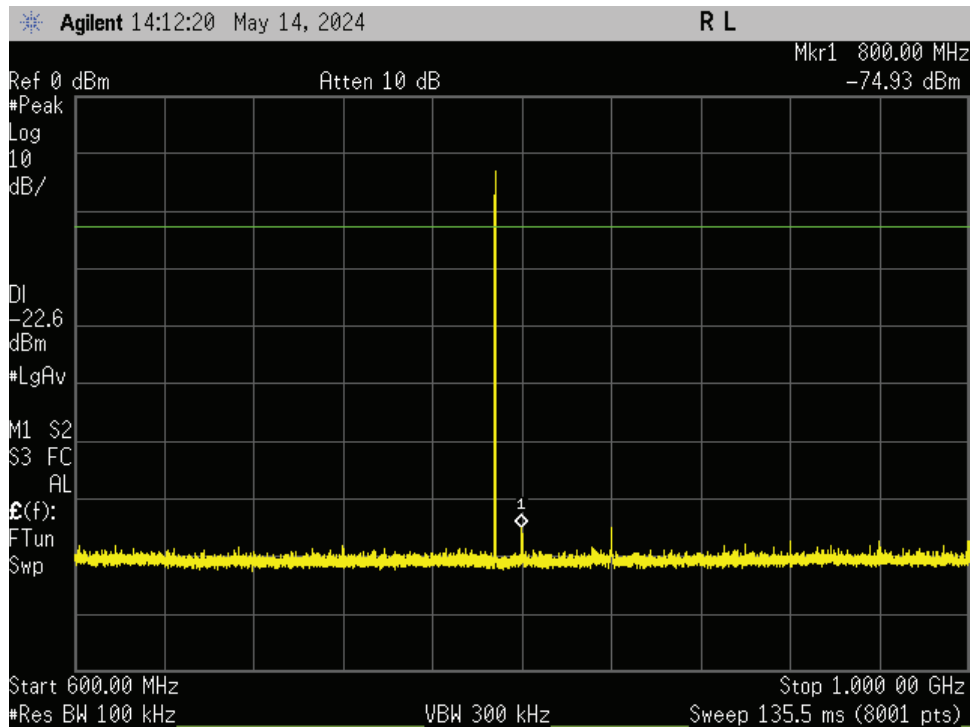


Figure 215. 788 MHz Horizontal, 600 – 1000 MHz

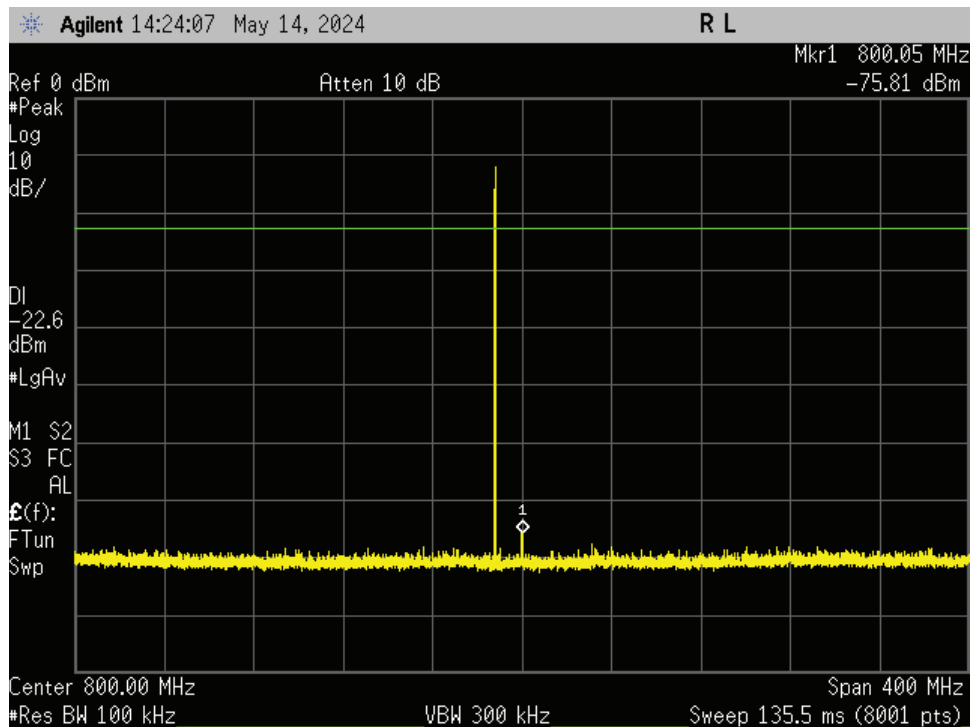


Figure 216. 788 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

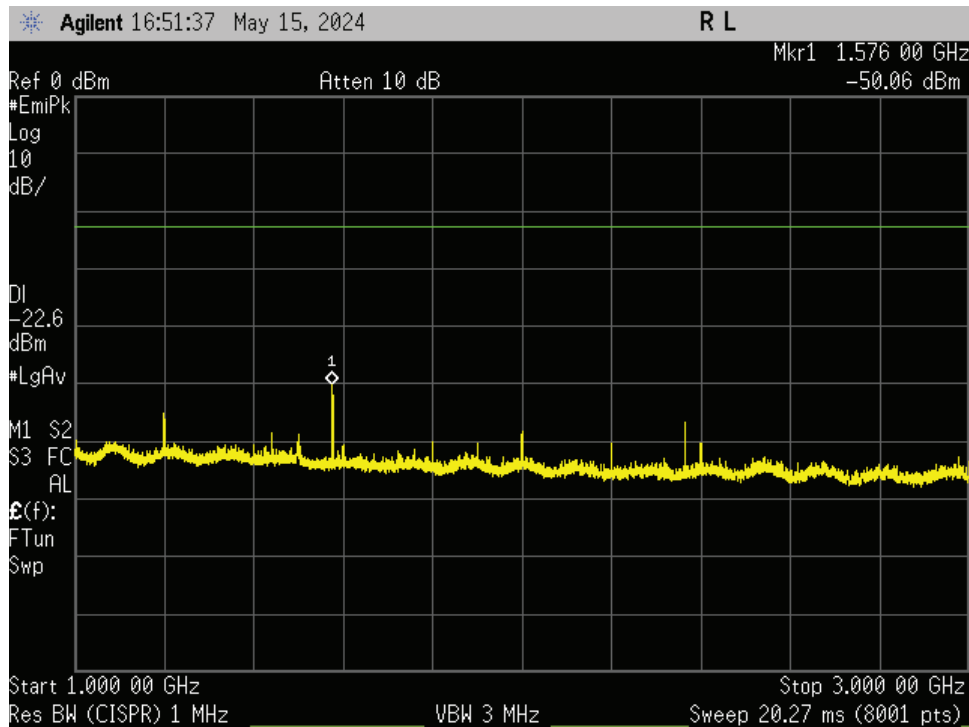


Figure 217. 788 MHz Horizontal, 1 - 3 GHz

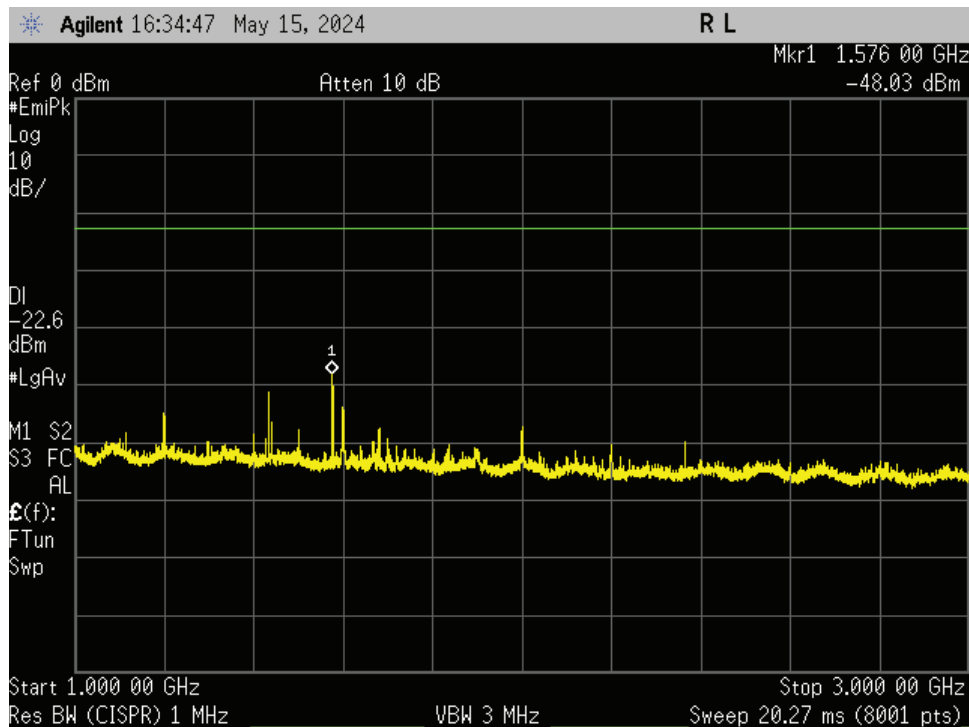


Figure 218. 788 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

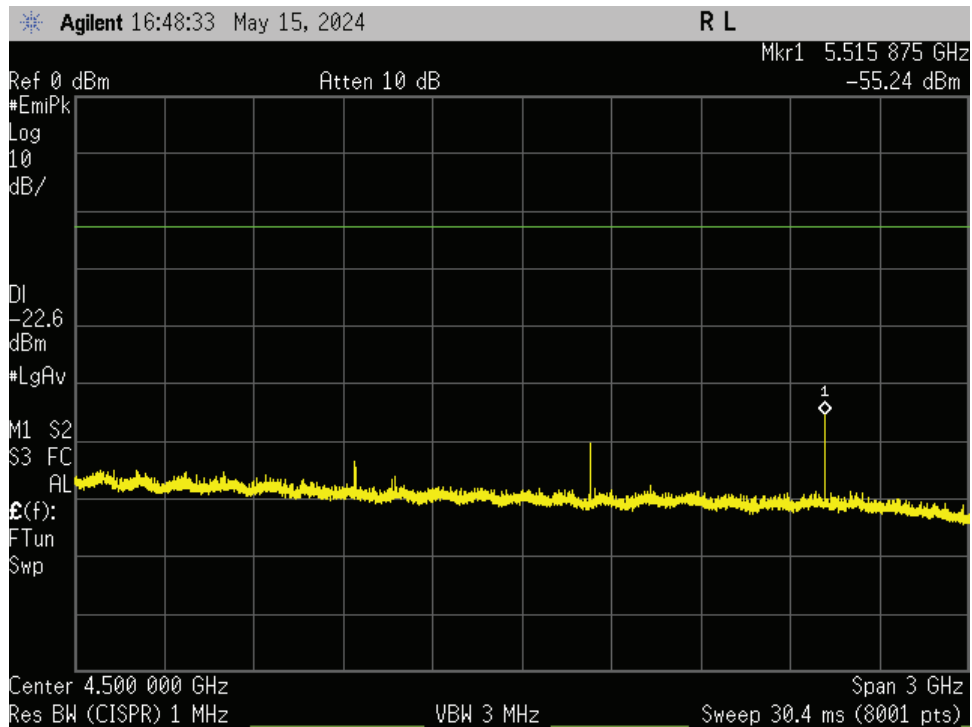


Figure 219. 788 MHz Horizontal, 3 - 6 GHz

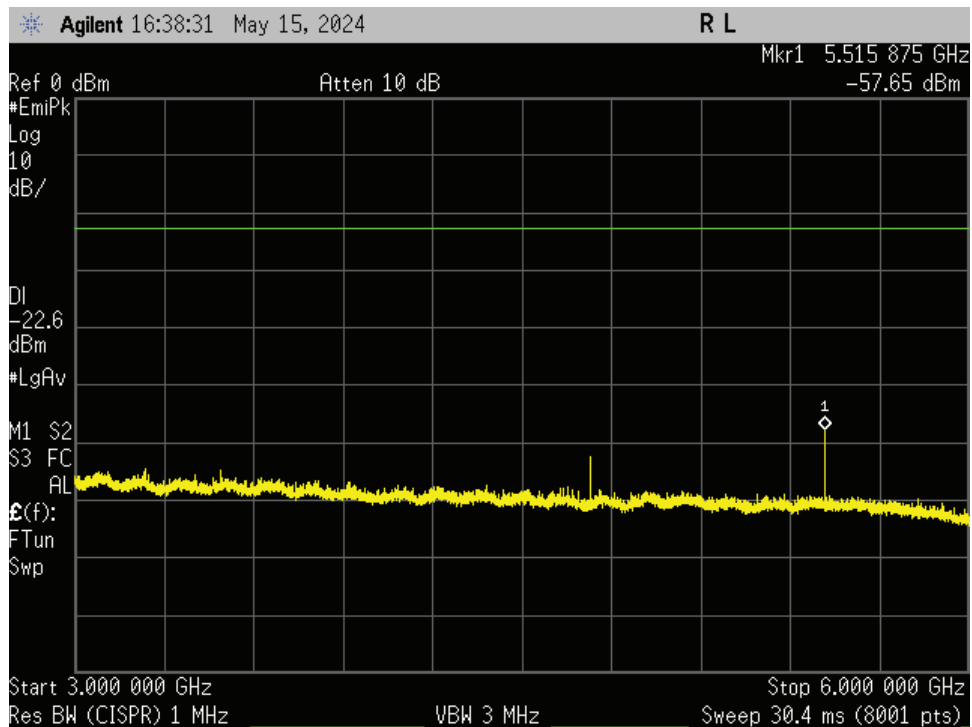


Figure 220. 788 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

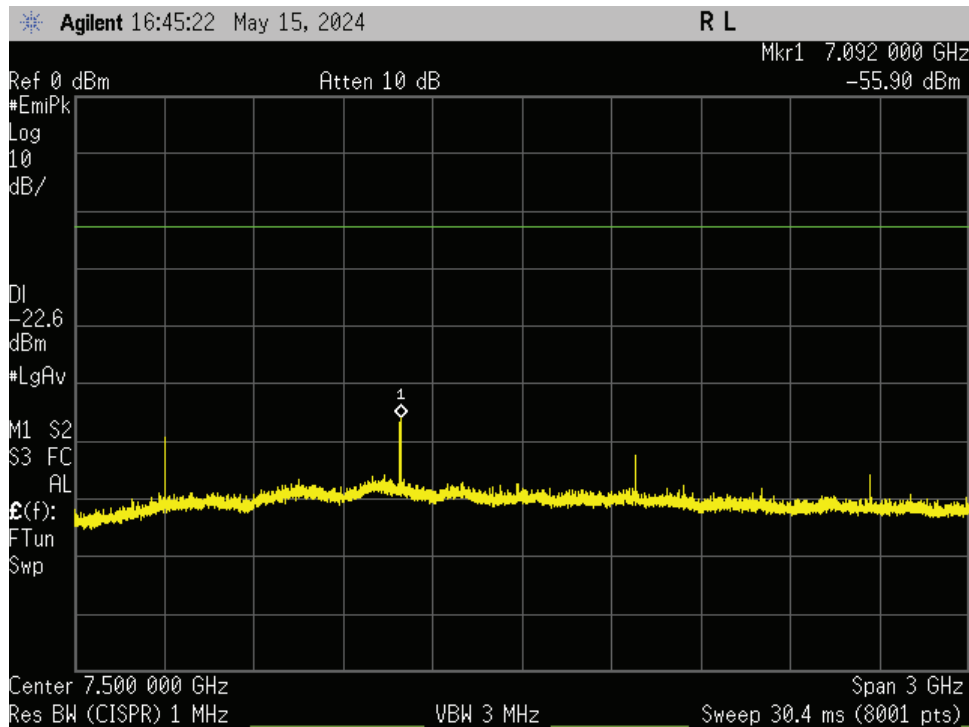


Figure 221. 788 MHz Horizontal, 6 - 9 GHz

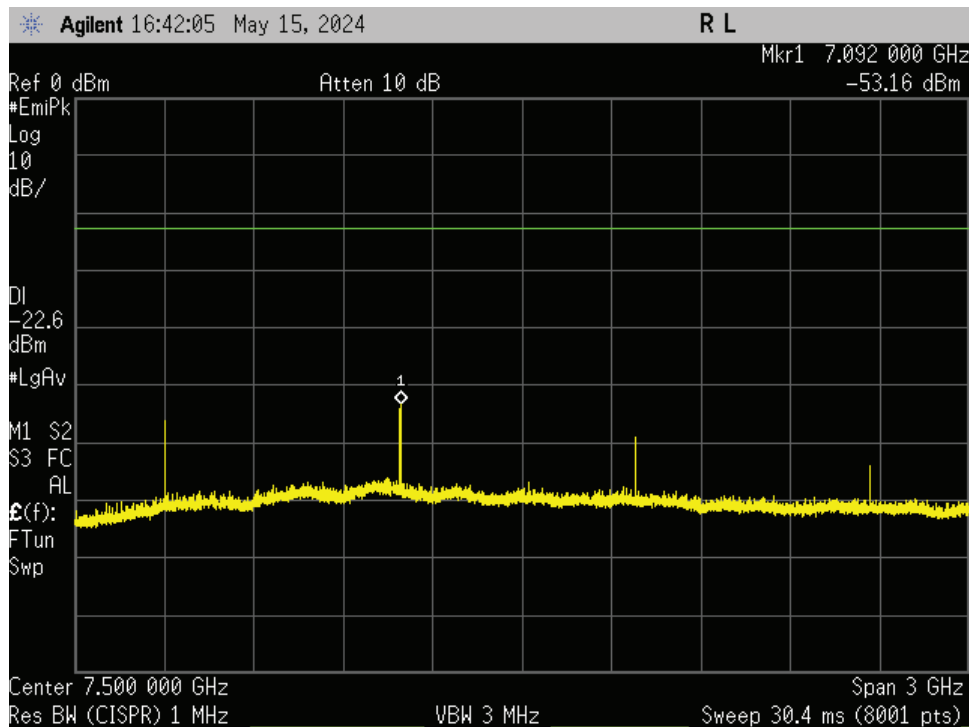


Figure 222. 788 MHz Vertical, 6 - 9 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

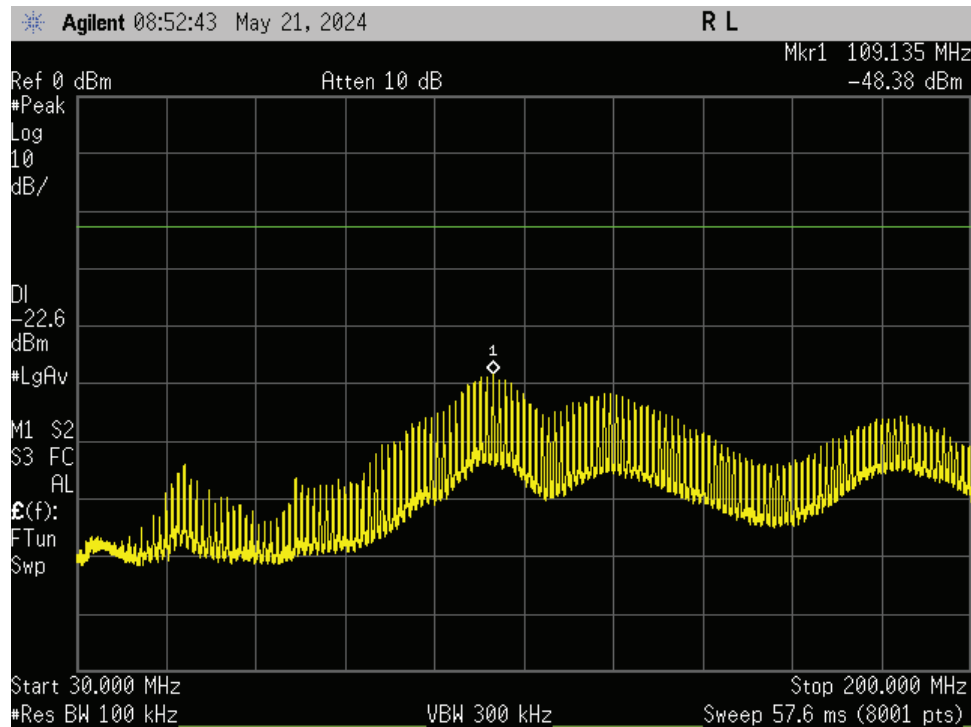


Figure 223. 798 MHz Horizontal, 30 – 200 MHz

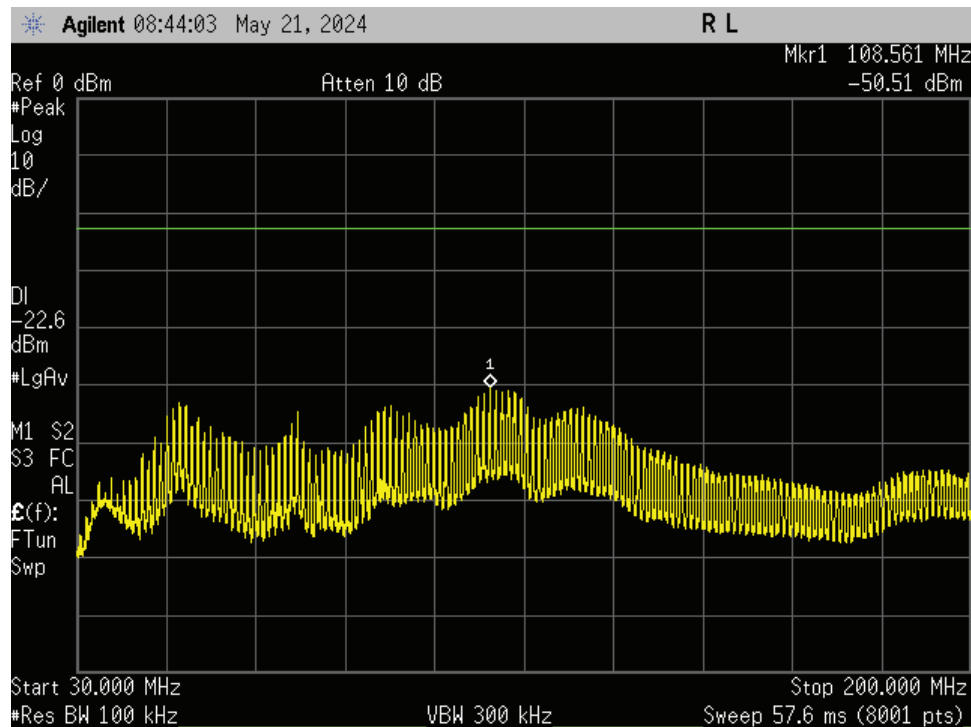


Figure 224. 798 MHz Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

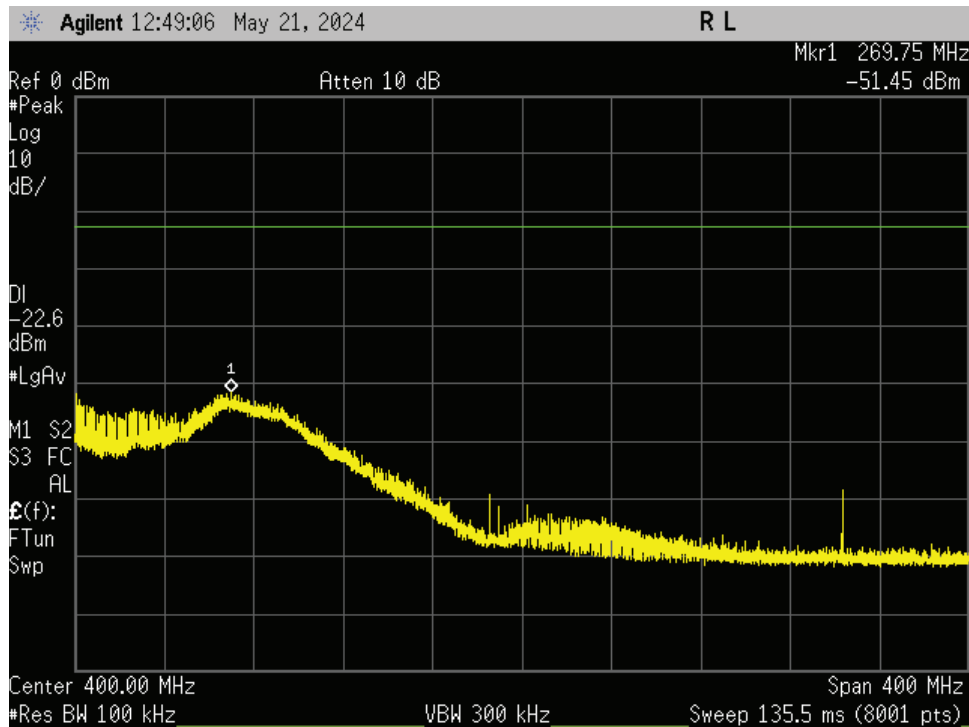


Figure 225. 798 MHz Horizontal, 200 – 600 MHz

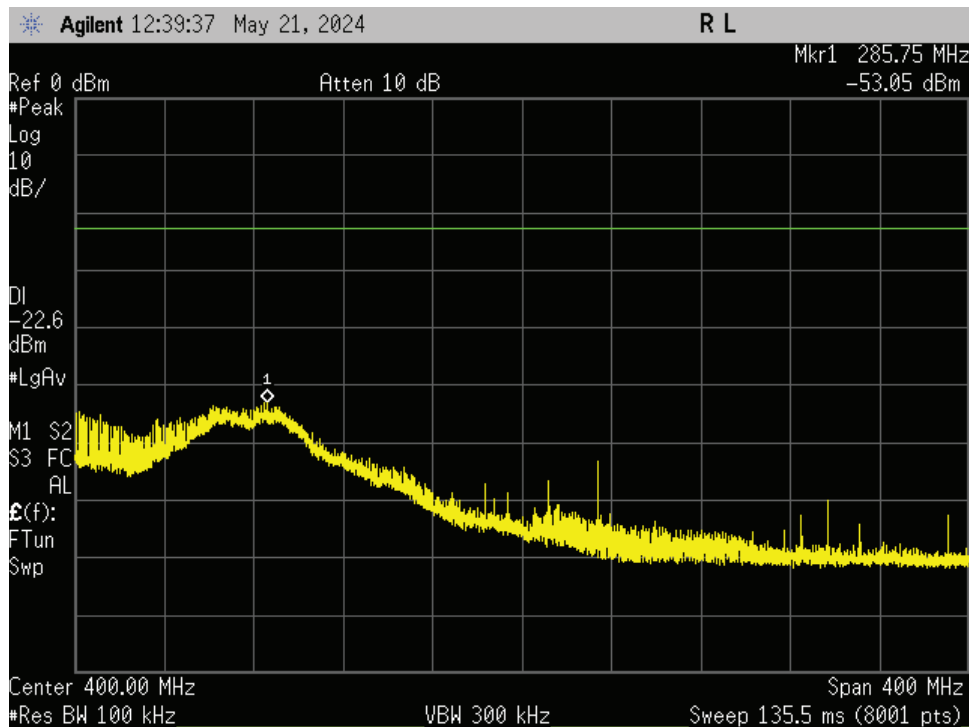


Figure 226. 798 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

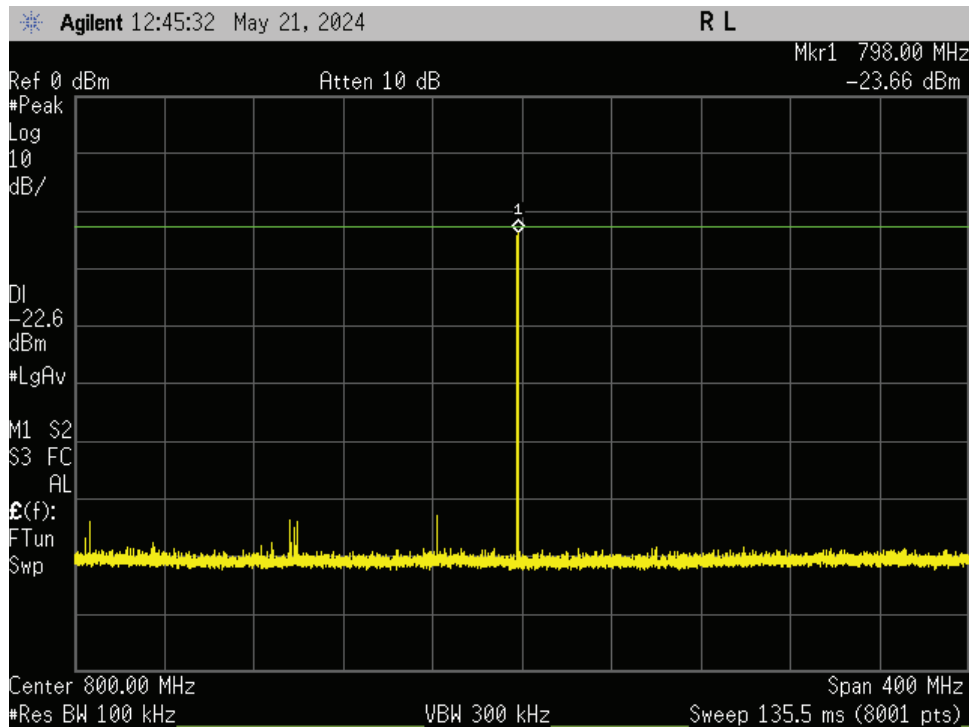


Figure 227. 798 MHz Horizontal, 600 – 1000 MHz

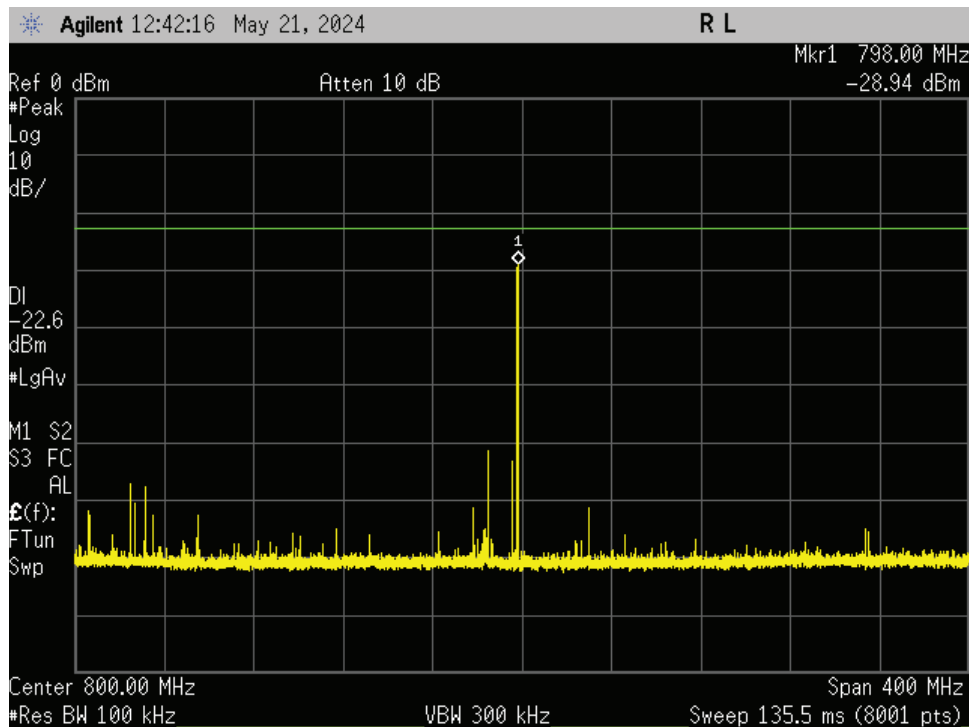


Figure 228. 798 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

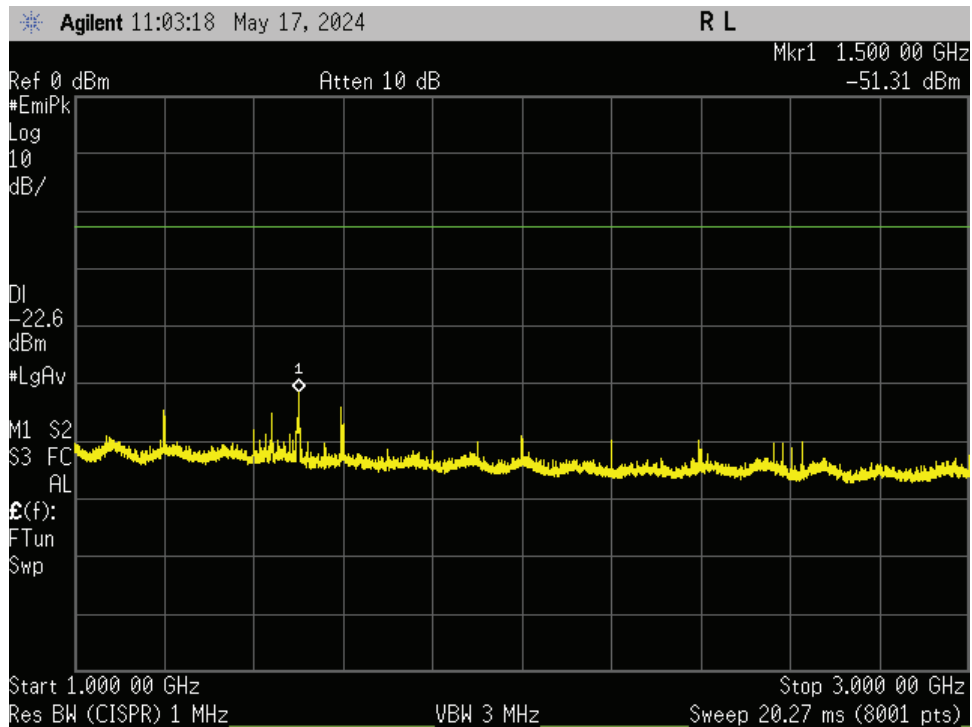


Figure 229. 798 MHz Horizontal, 1 - 3 GHz

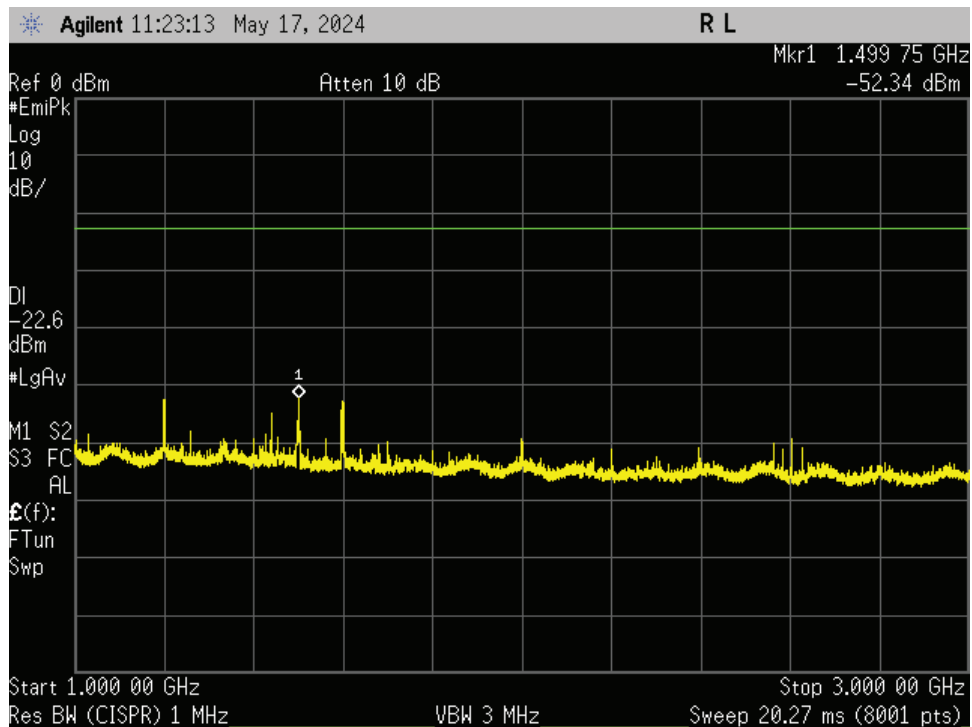


Figure 230. 798 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

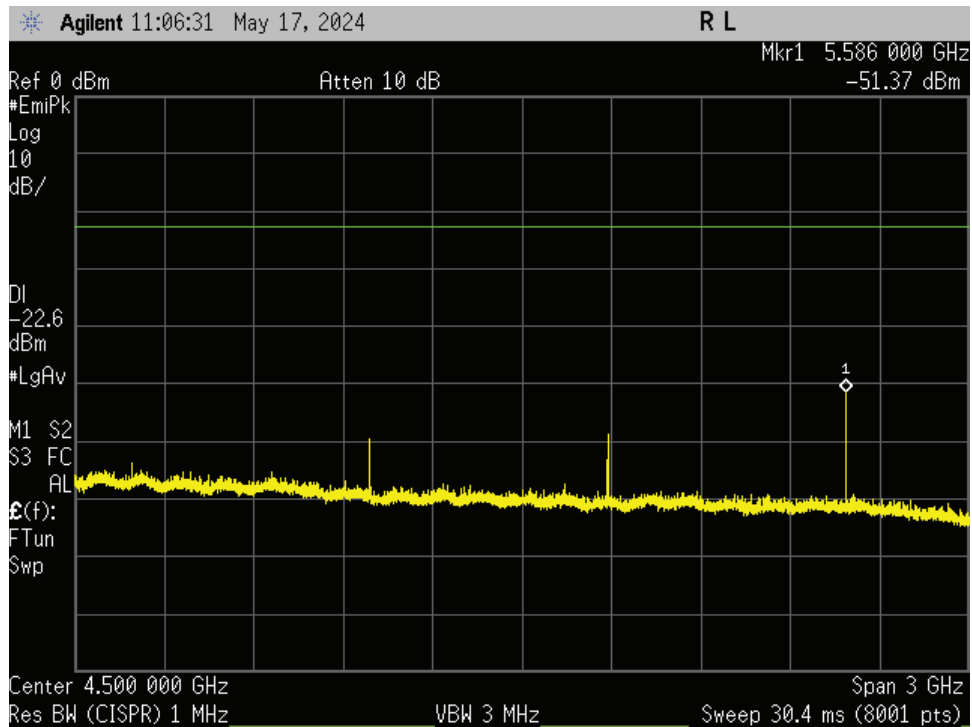


Figure 231. 798 MHz Horizontal, 3 - 6 GHz

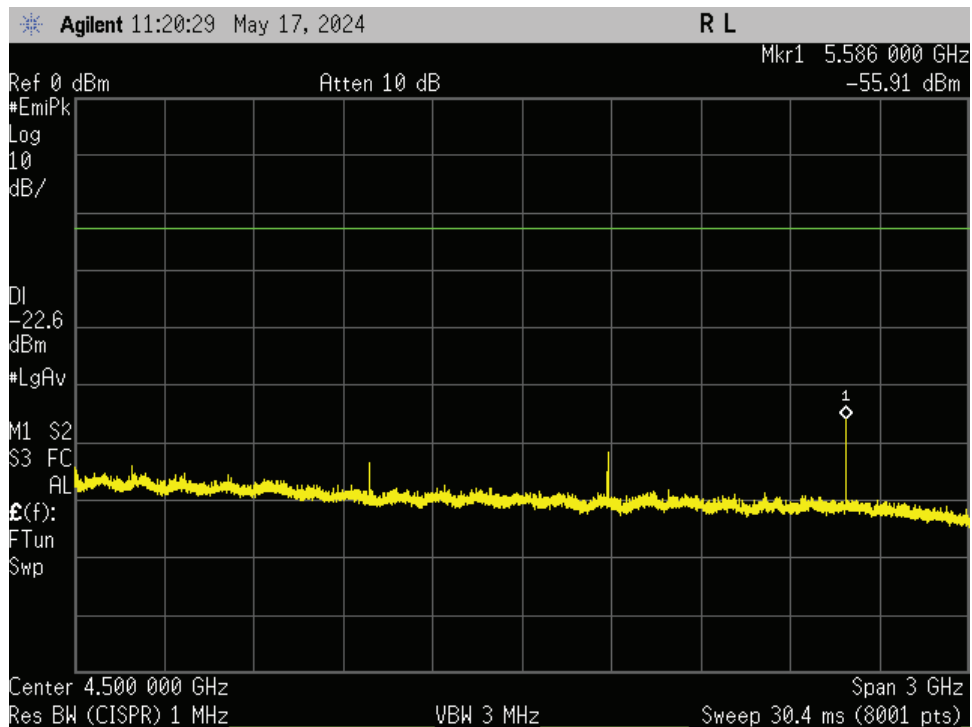


Figure 232. 798 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

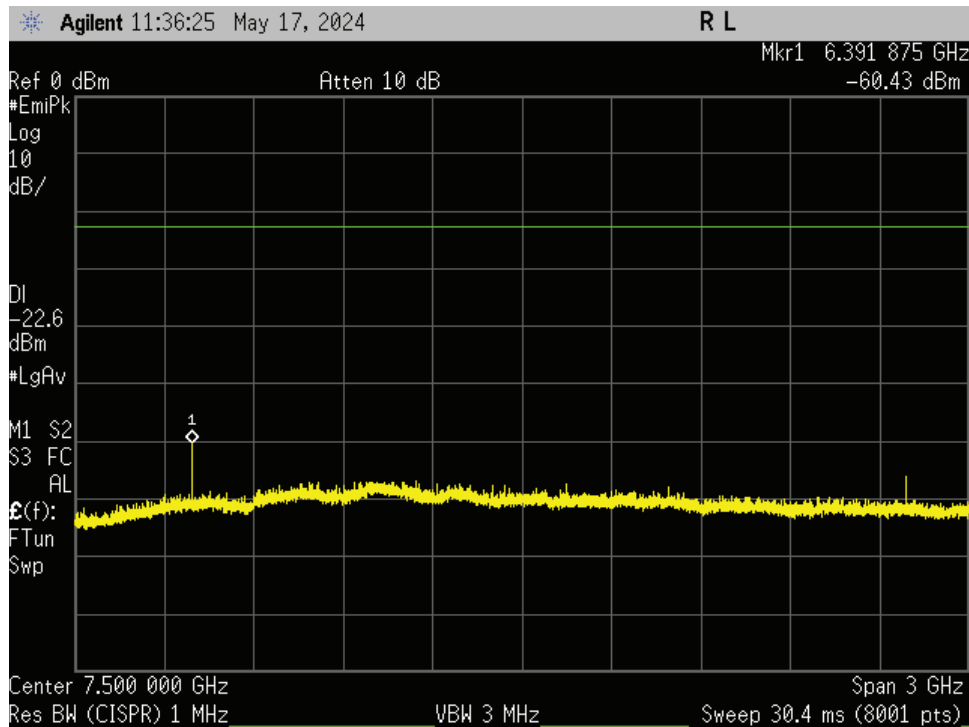


Figure 233. 798 MHz Horizontal, 6 - 9 GHz

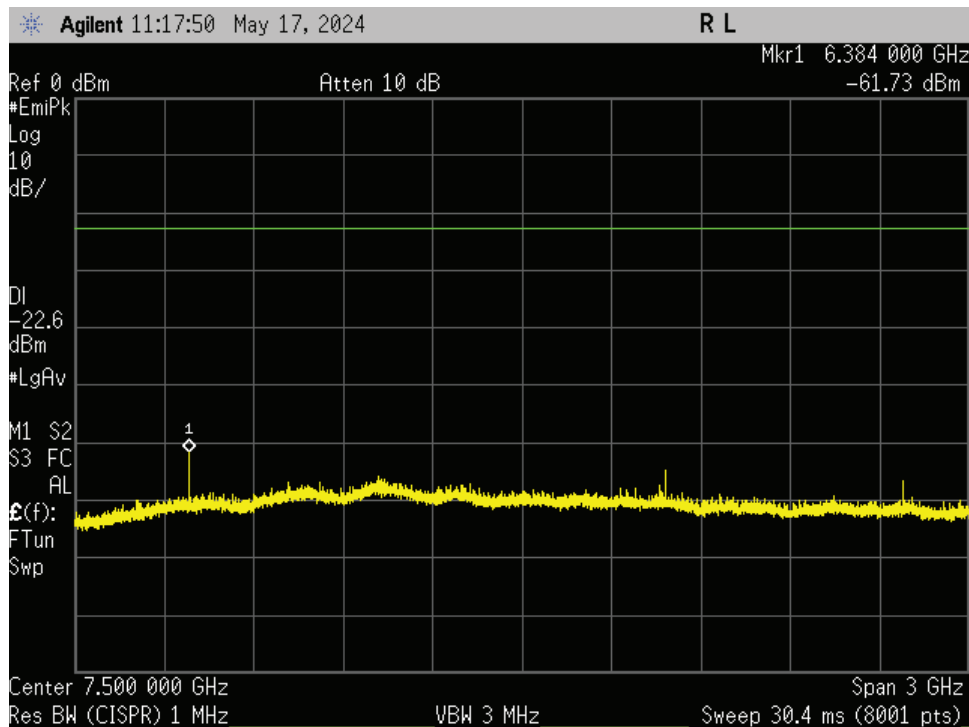


Figure 234. 798 MHz Vertical, 6 - 9 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

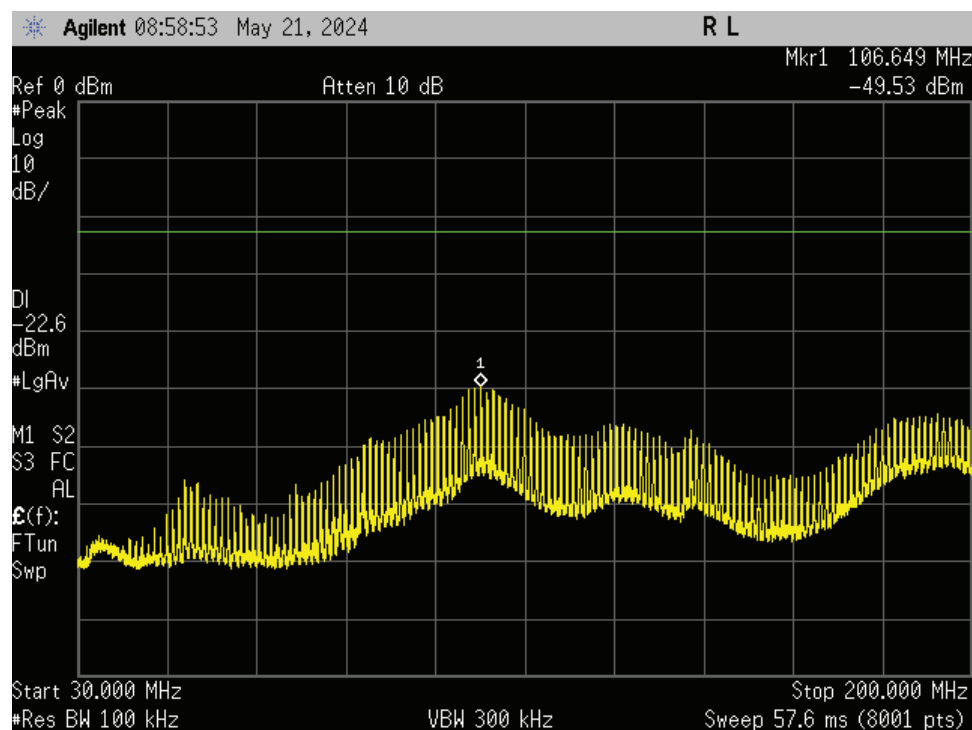


Figure 235. 799 MHz Horizontal, 30 – 200 MHz

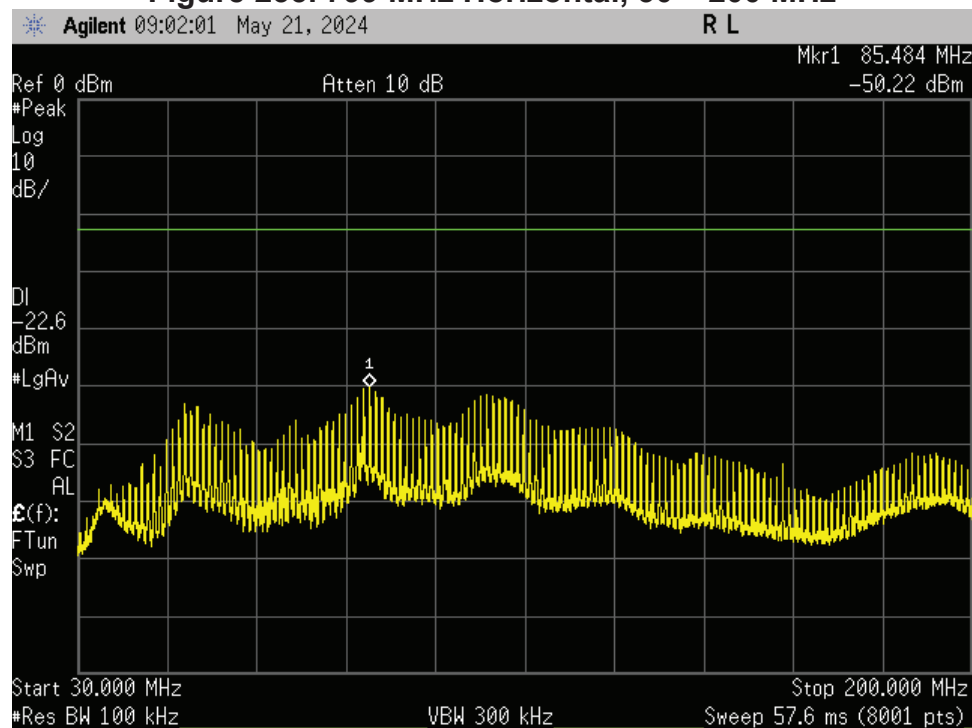


Figure 236. 799 MHz Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

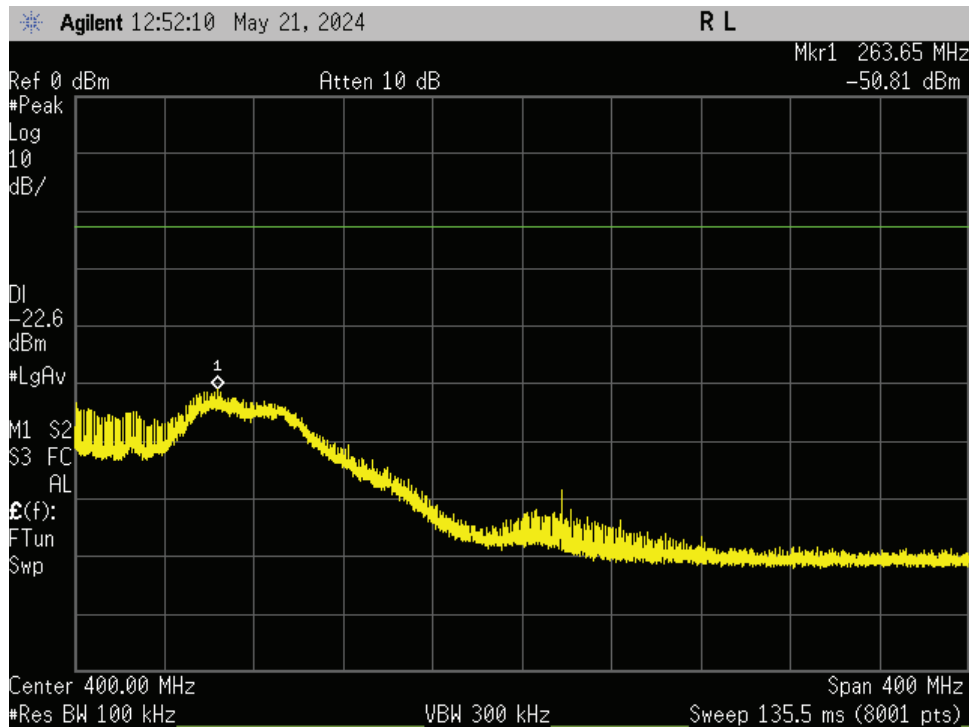


Figure 237. 799 MHz Horizontal, 200 – 600 MHz

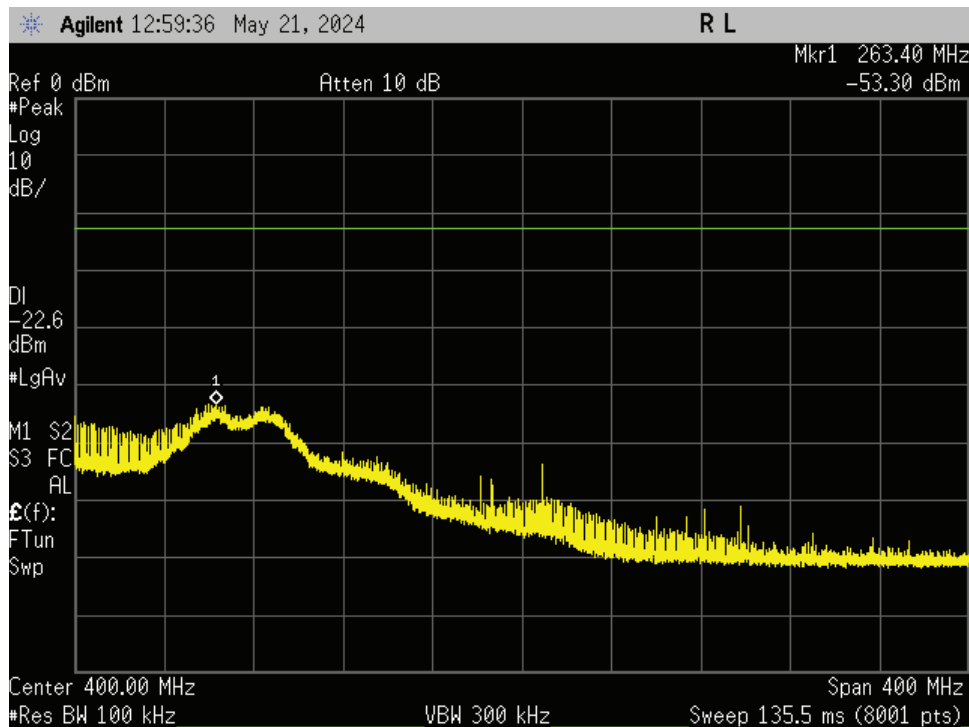


Figure 238. 799 MHz Vertical, 200 – 600 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
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SAFE-0002

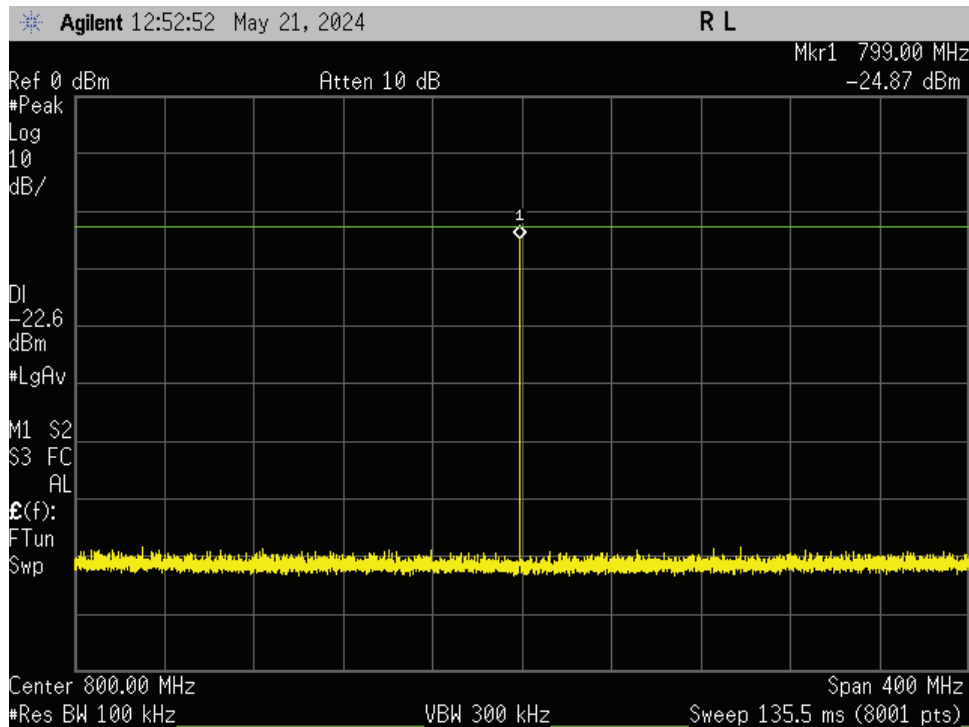


Figure 239. 799 MHz Horizontal, 600 – 1000 MHz

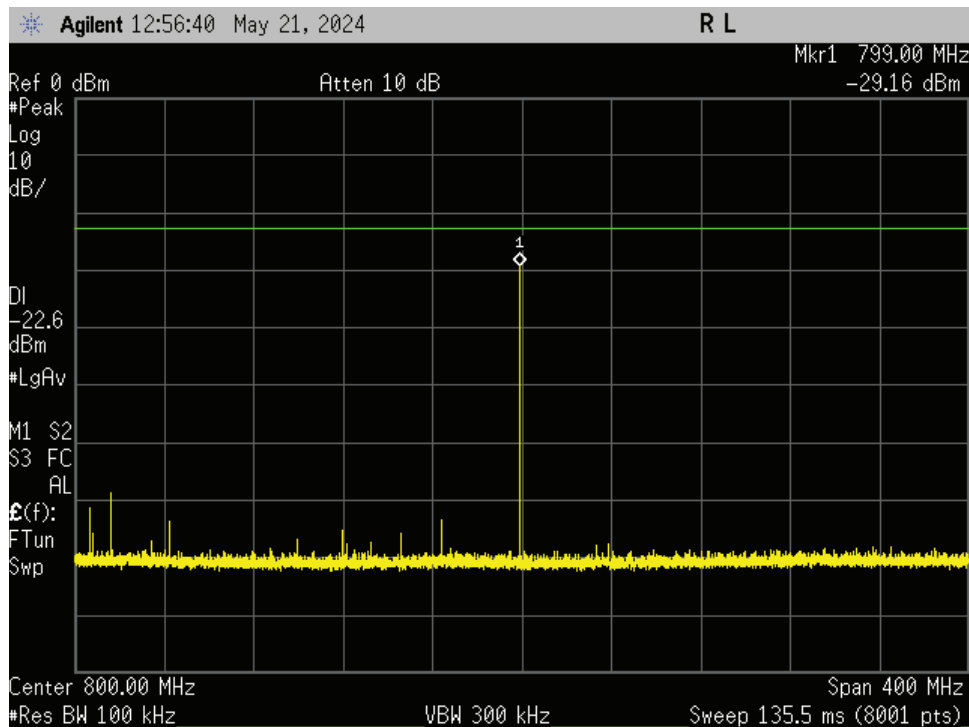


Figure 240. 799 MHz Vertical, 600 – 1000 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

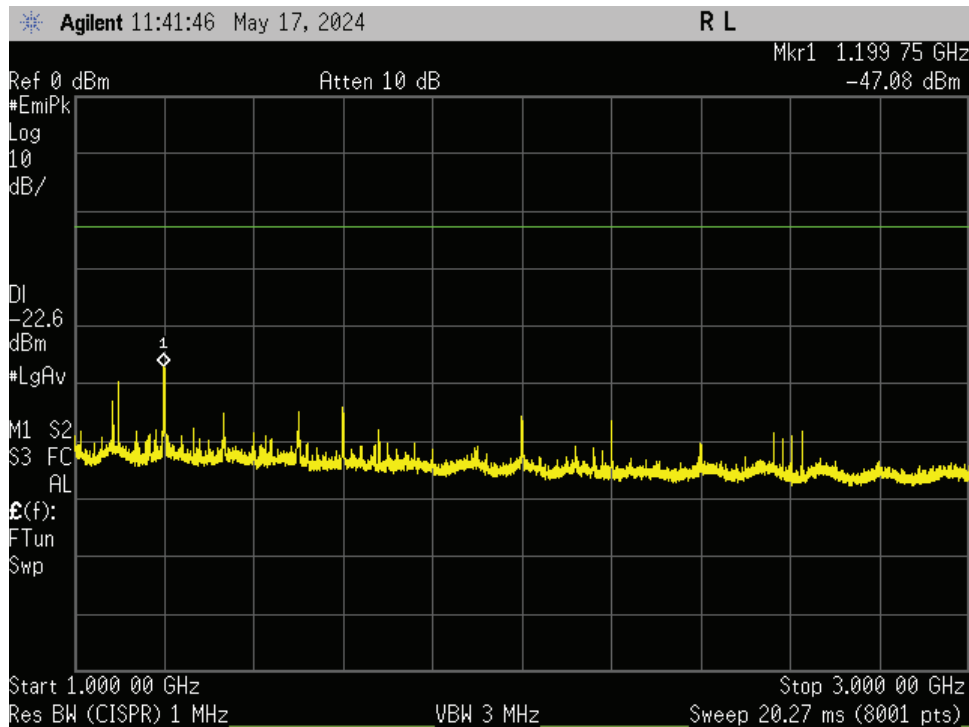


Figure 241. 799 MHz Horizontal, 1 - 3 GHz

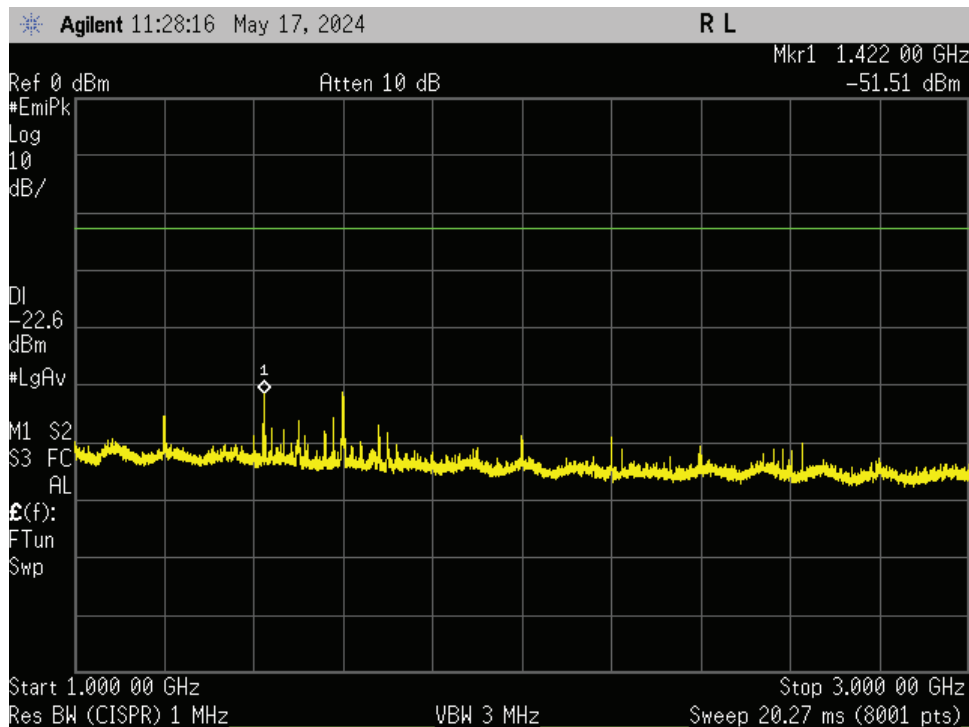


Figure 242. 799 MHz Vertical, 1 - 3 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

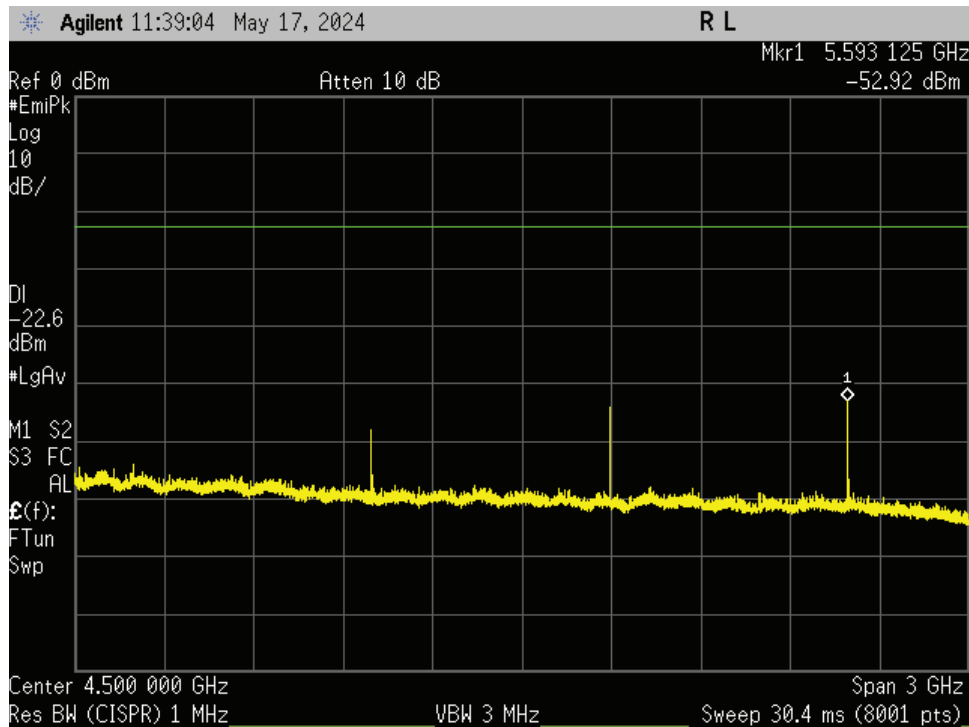


Figure 243. 799 MHz Horizontal, 3 - 6 GHz

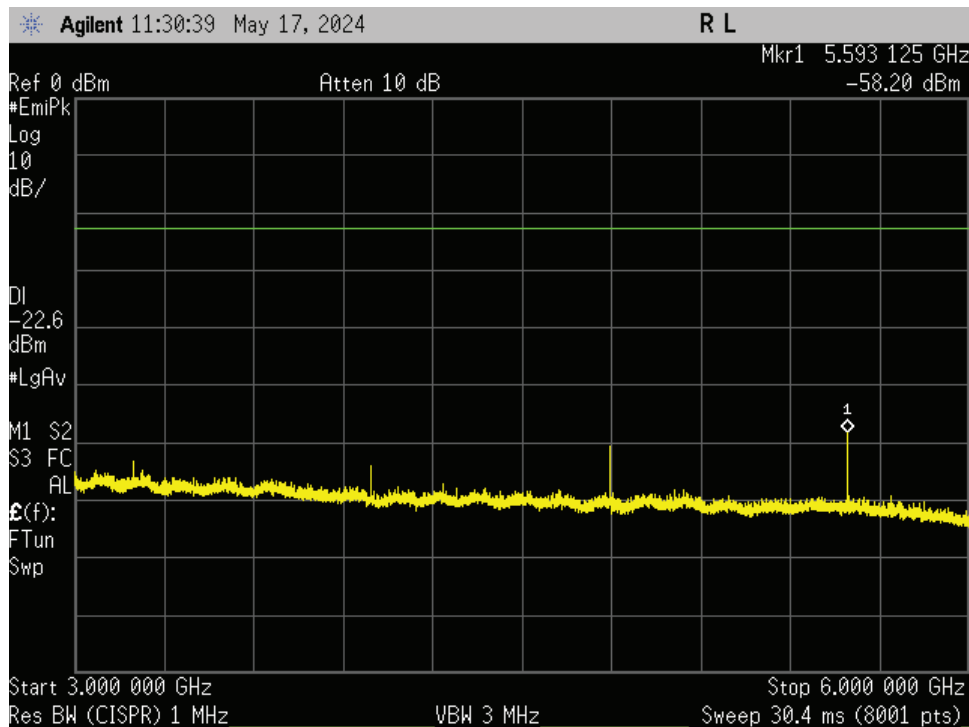


Figure 244. 799 MHz Vertical, 3 - 6 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

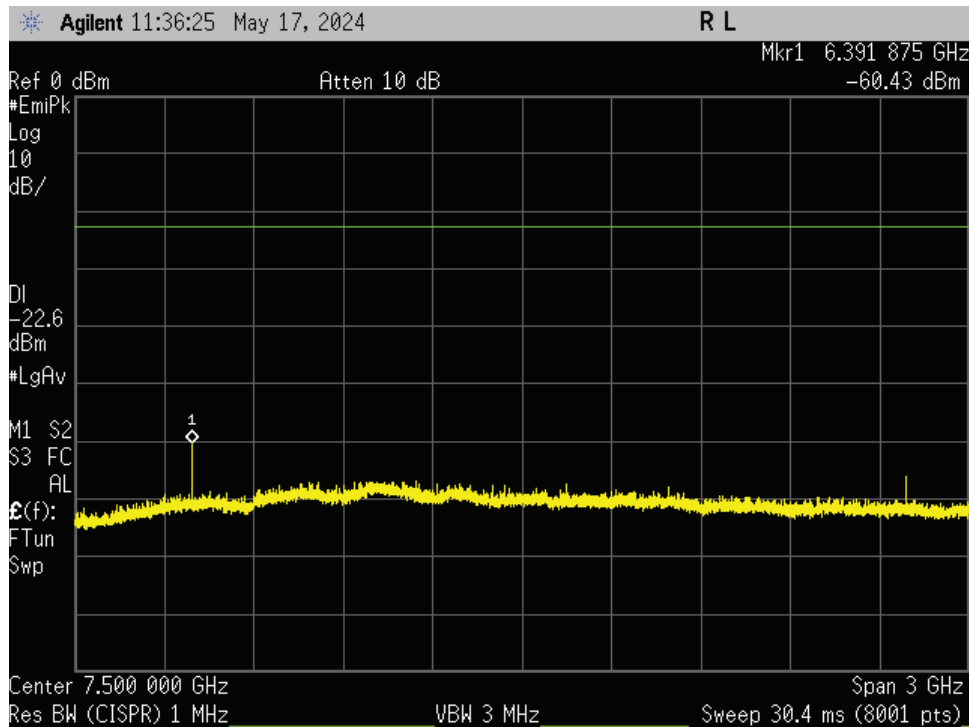


Figure 245. 799 MHz Horizontal, 6 - 9 GHz

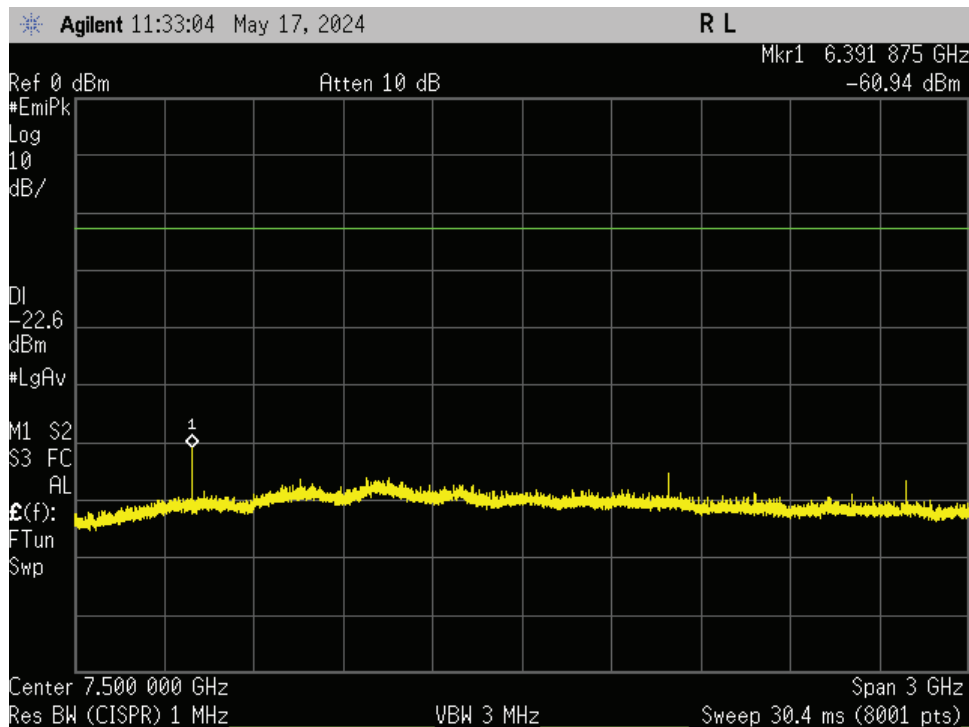


Figure 246. 799 MHz Vertical, 6 - 9 GHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
August 1, 2024
Safe-Com Wireless
SAFE-0002

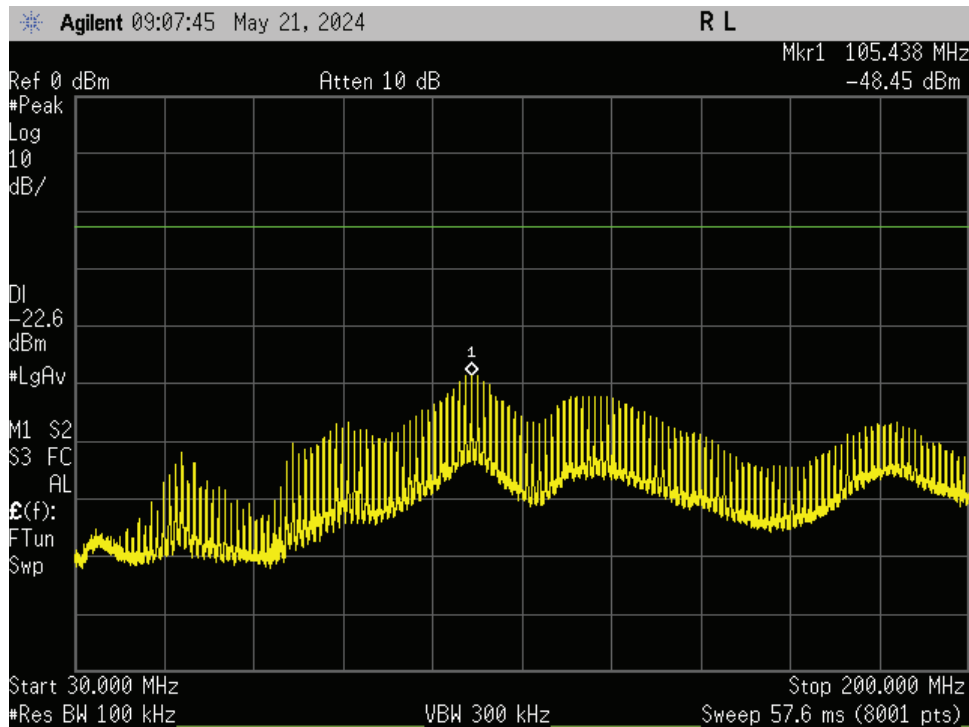


Figure 247. 805 MHz, Horizontal, 30 – 200 MHz

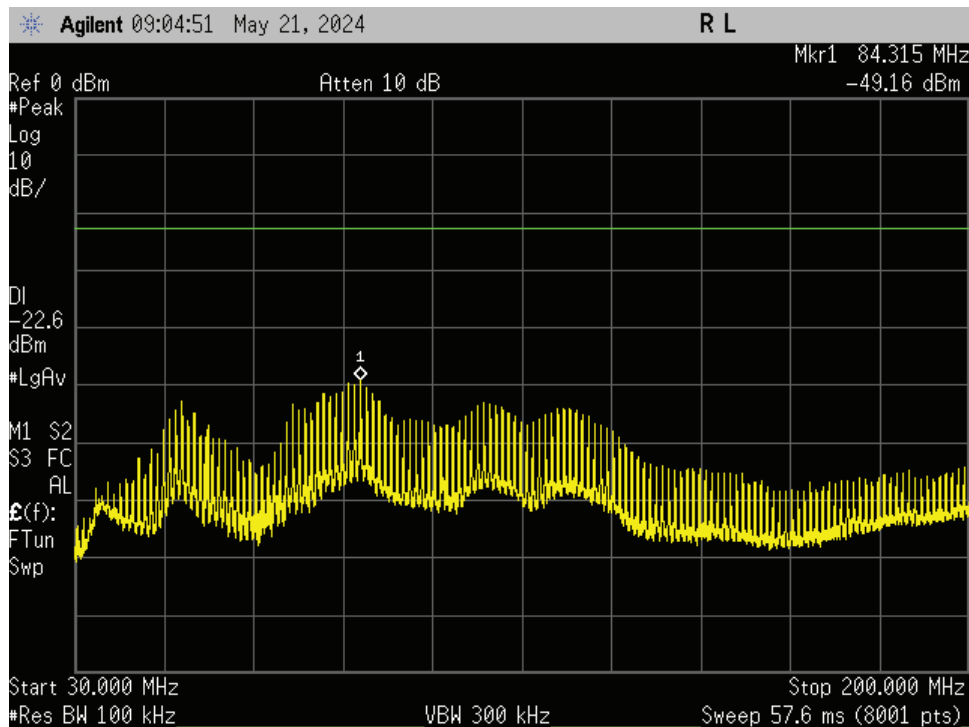


Figure 248. 805 MHz, Vertical, 30 – 200 MHz

U.S. Tech Test Report:
FCC ID:
IC:
Report Number:
Issue Date:
Customer:
Model:

FCC Part 90 Certification
2AKSM-SAFE4
22303-SAFE4
24-0123
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Safe-Com Wireless
SAFE-0002

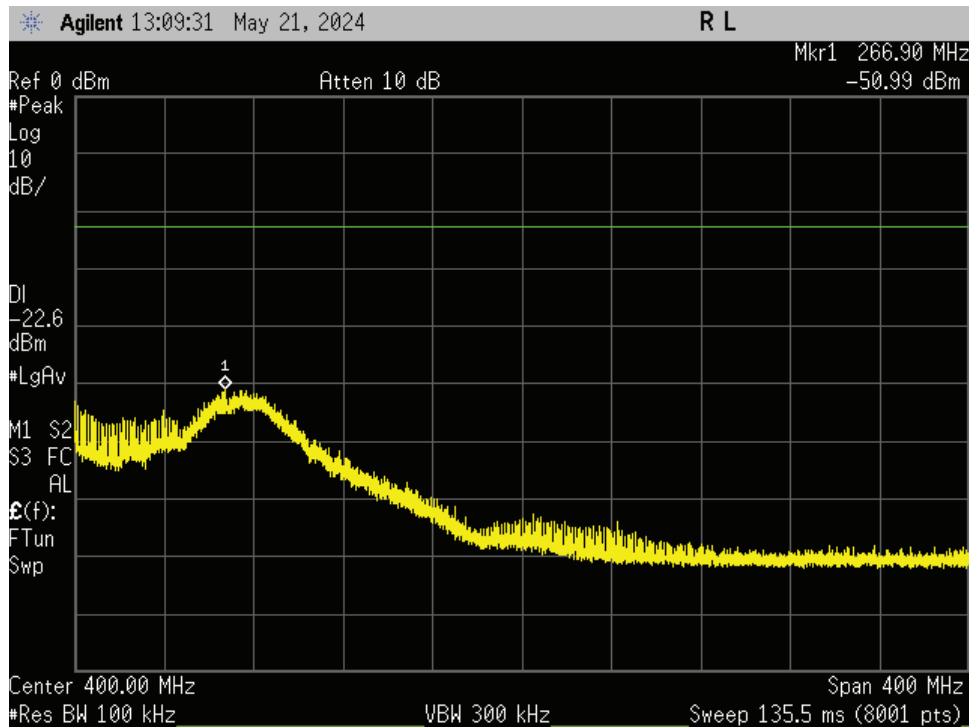


Figure 249. 805 MHz Horizontal, 200 – 600 MHz

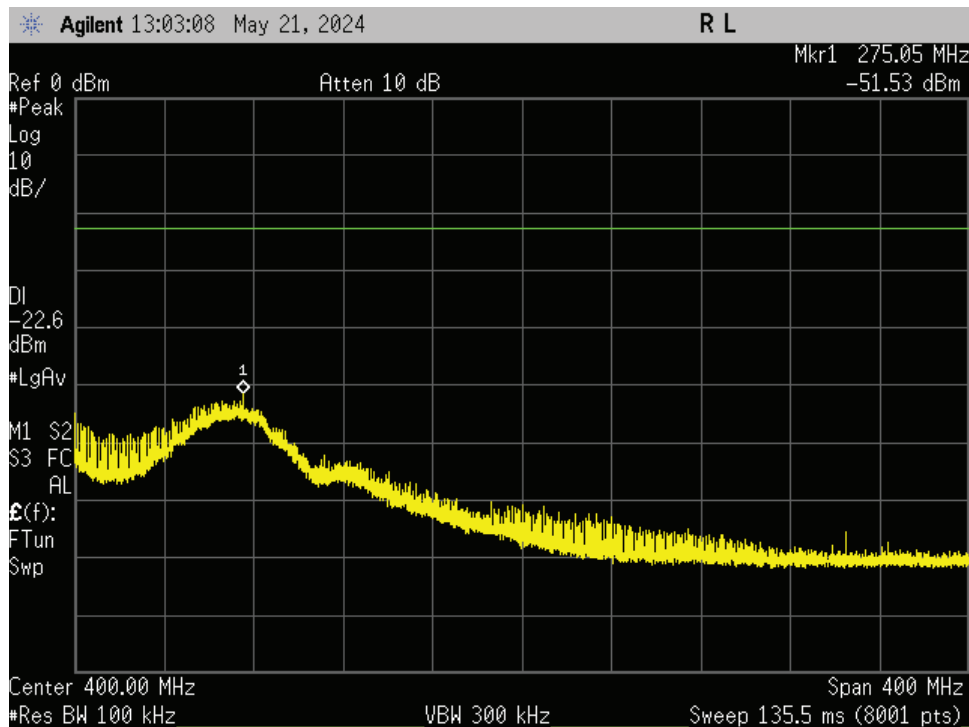


Figure 250. 805 MHz Vertical, 200 – 600 MHz