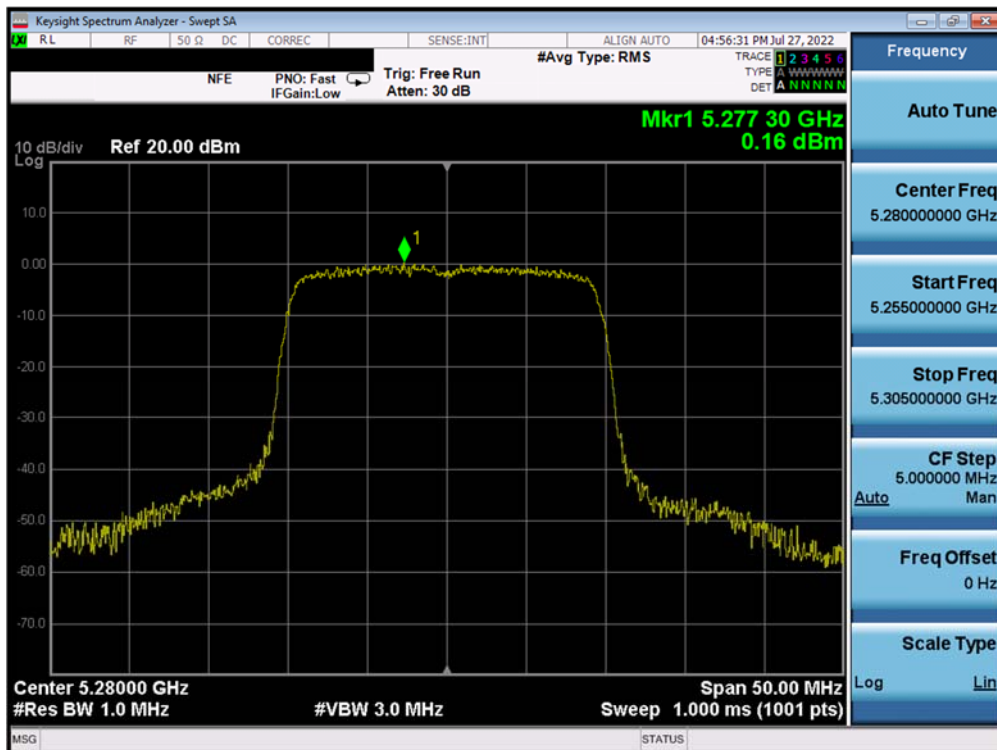
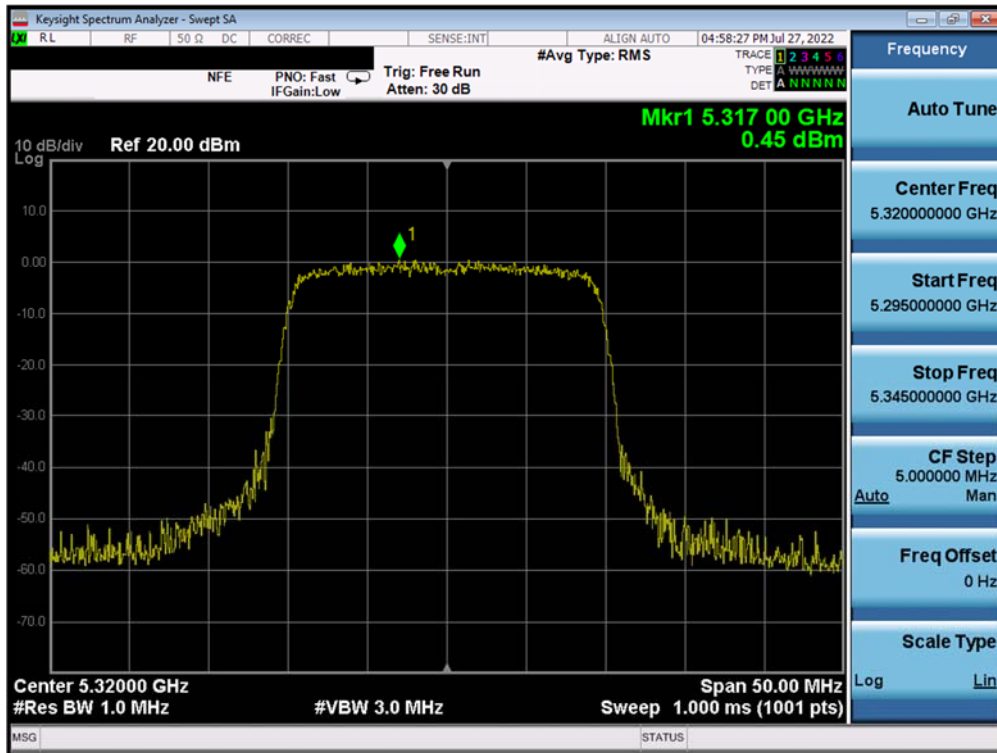


Plot 7-219. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2A) – Ch. 52)

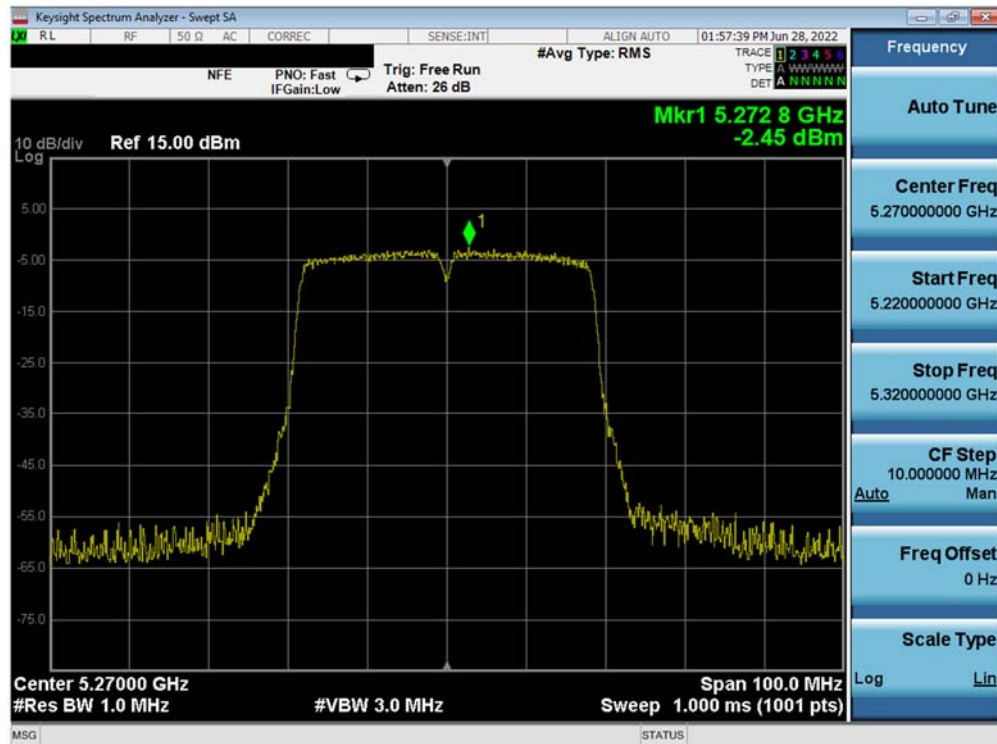


Plot 7-220. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2A) – Ch. 56)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 140 of 209

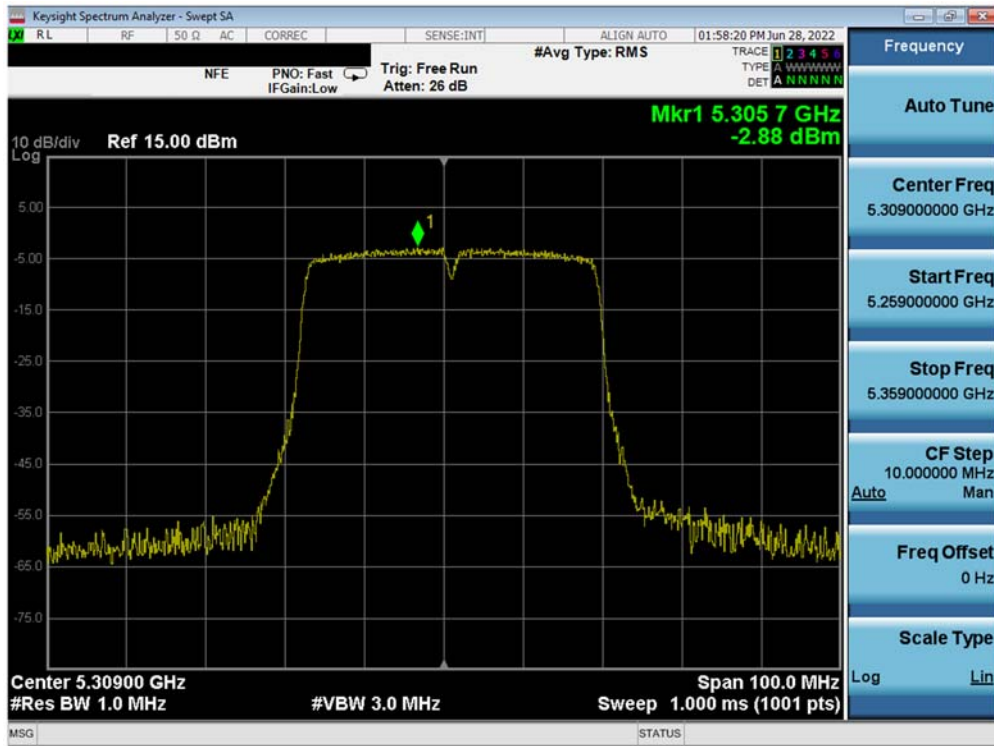


Plot 7-221. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2A) – Ch. 64)

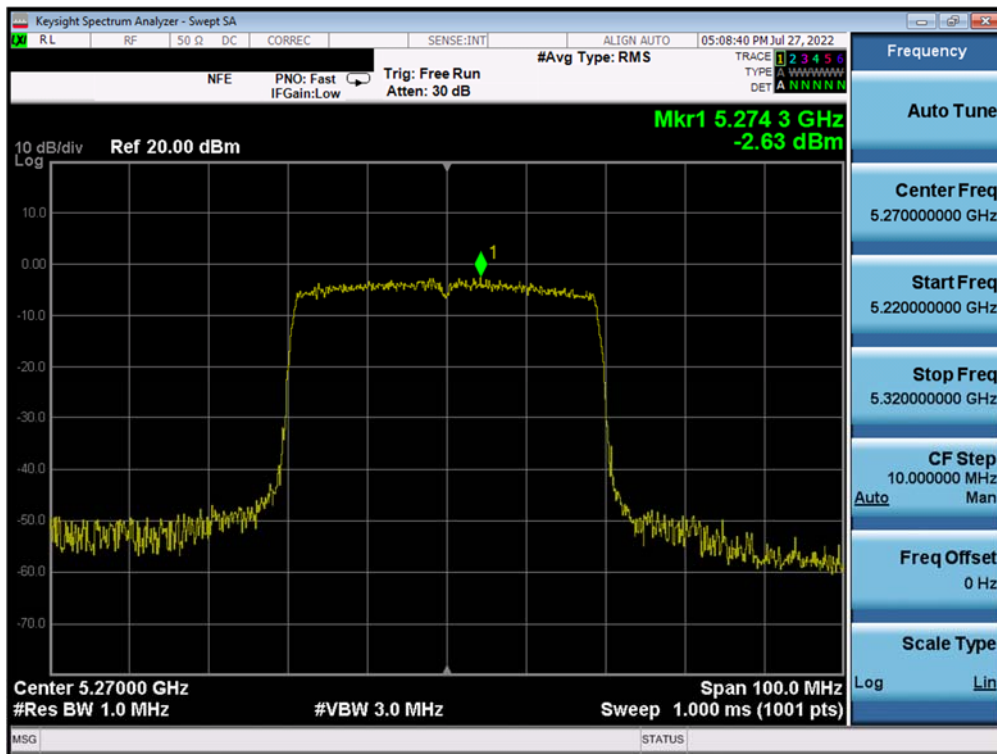


Plot 7-222. Power Spectral Density Plot MIMO ANT2 (802.11n – 40MHz BW (UNII Band 2A) – Ch. 54)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 141 of 209

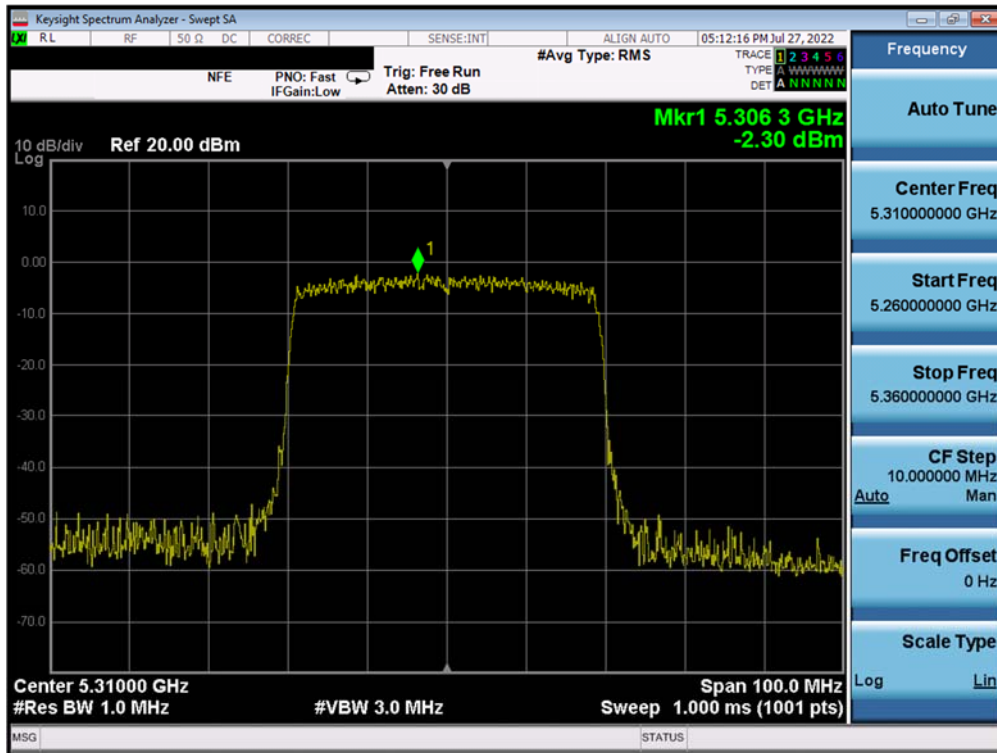


Plot 7-223. Power Spectral Density Plot MIMO ANT2 (802.11n – 40MHz BW (UNII Band 2A) – Ch. 62)

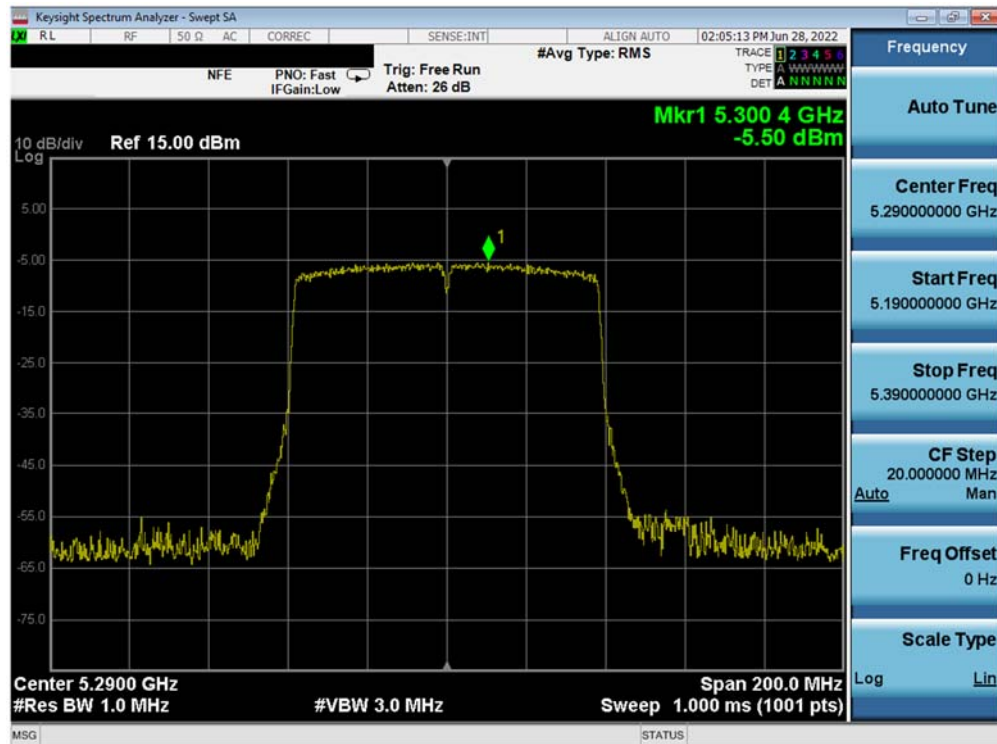


Plot 7-224. Power Spectral Density Plot MIMO ANT2 (802.11ax – 40MHz BW (UNII Band 2A) – Ch. 54)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 142 of 209

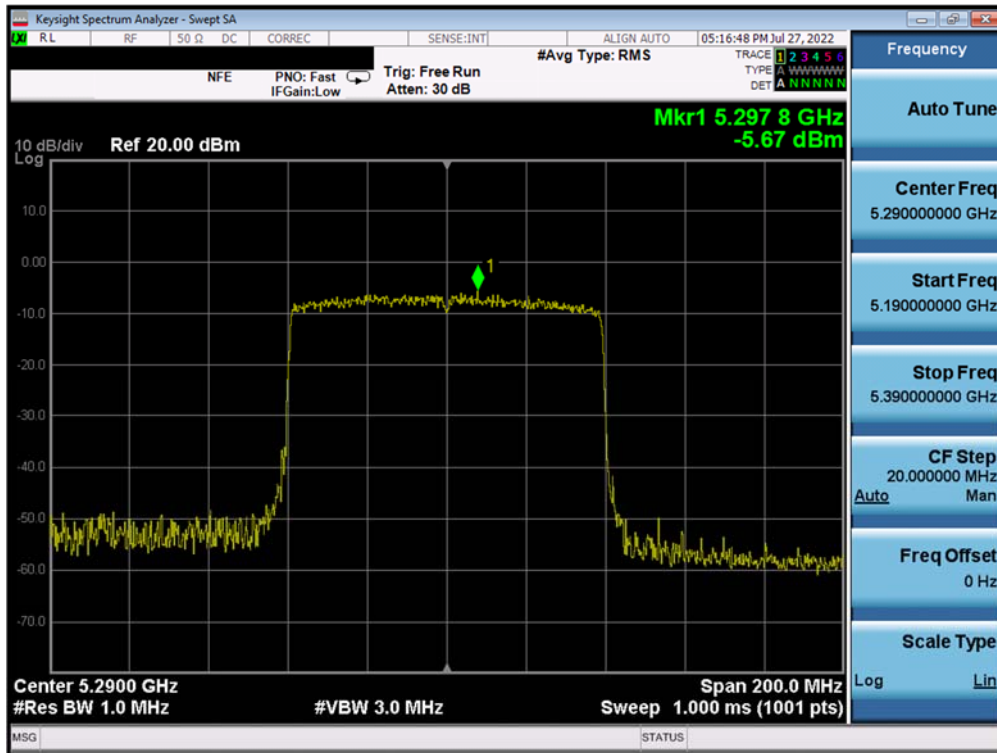


Plot 7-225. Power Spectral Density Plot MIMO ANT2 (802.11ax – 40MHz BW (UNII Band 2A) – Ch. 62)

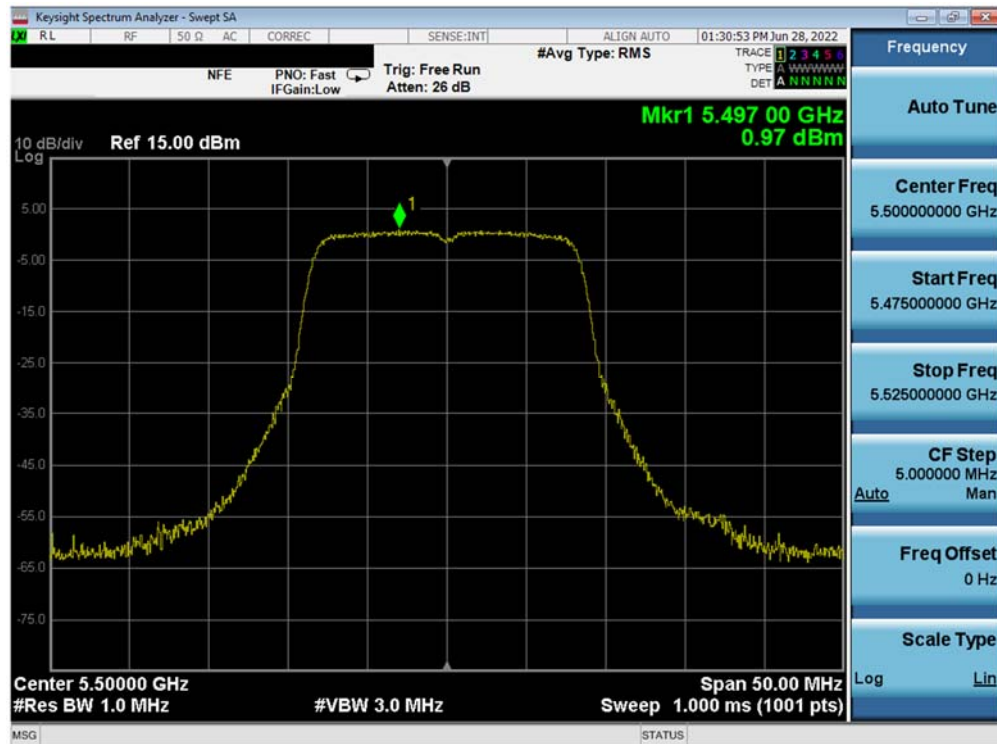


Plot 7-226. Power Spectral Density Plot MIMO ANT2 (802.11ac – 80MHz BW (UNII Band 2A) – Ch. 58)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 143 of 209

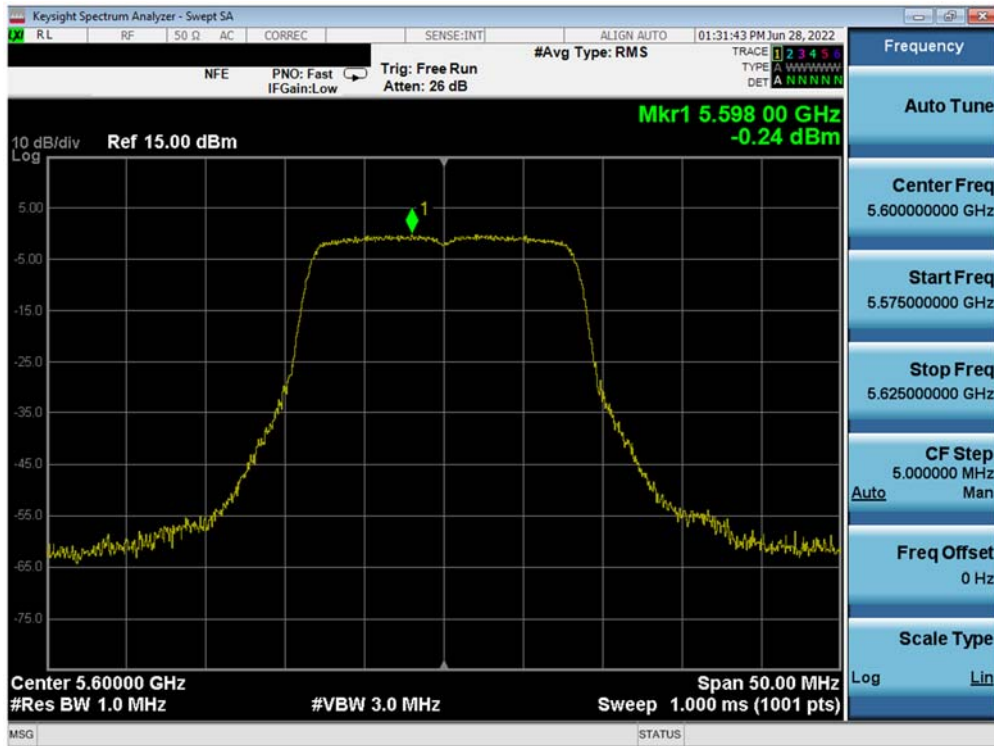


Plot 7-227. Power Spectral Density Plot MIMO ANT2 (802.11ax – 80MHz BW (UNII Band 2A) – Ch. 58)

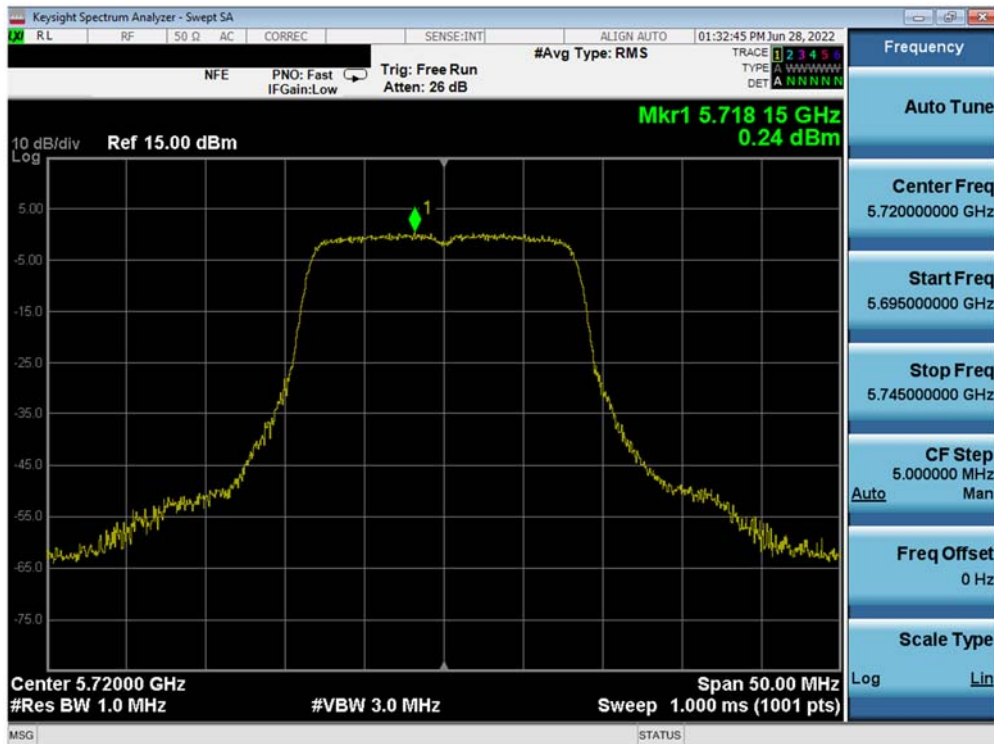


Plot 7-228. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2C) – Ch. 100)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 144 of 209

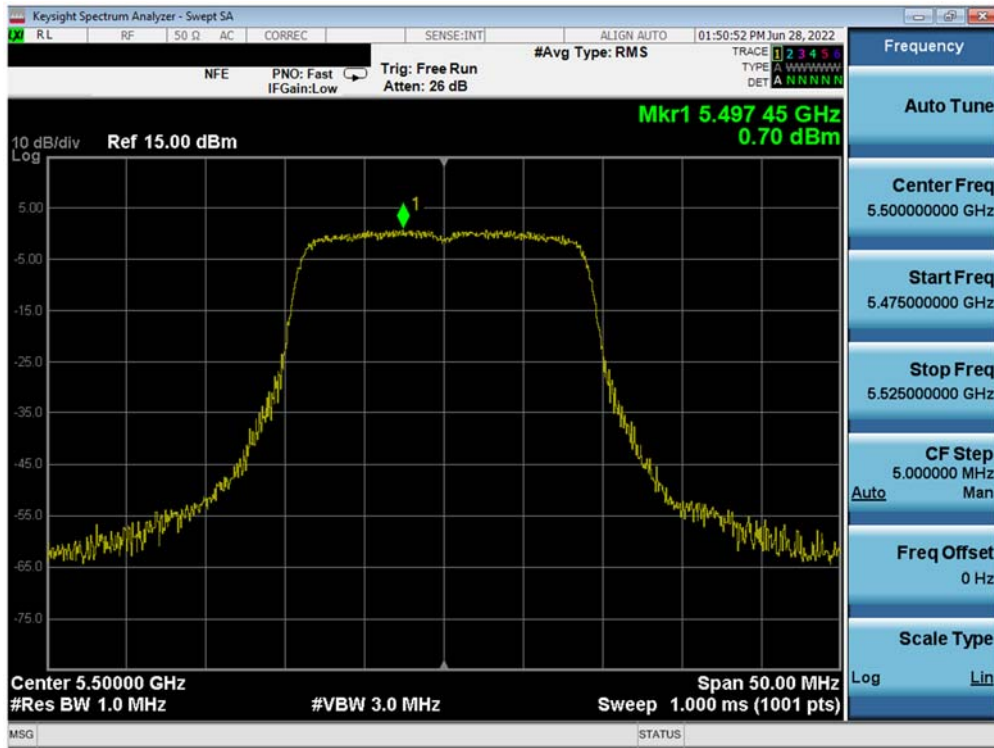


Plot 7-229. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2C) – Ch. 120)

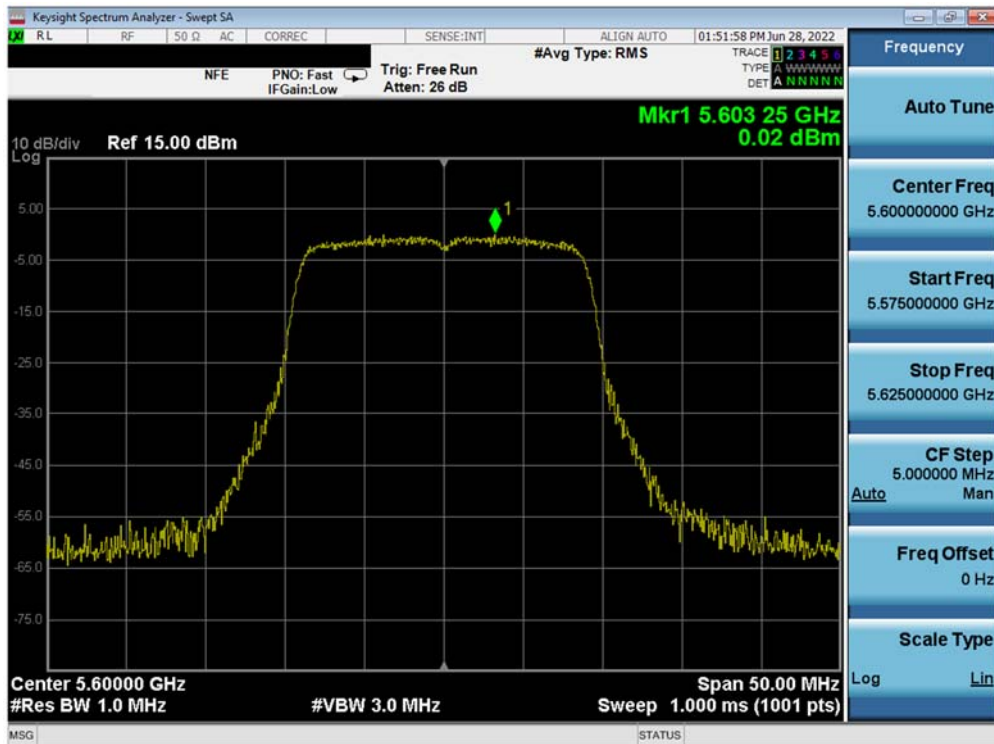


Plot 7-230. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 2C) – Ch. 144)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 145 of 209

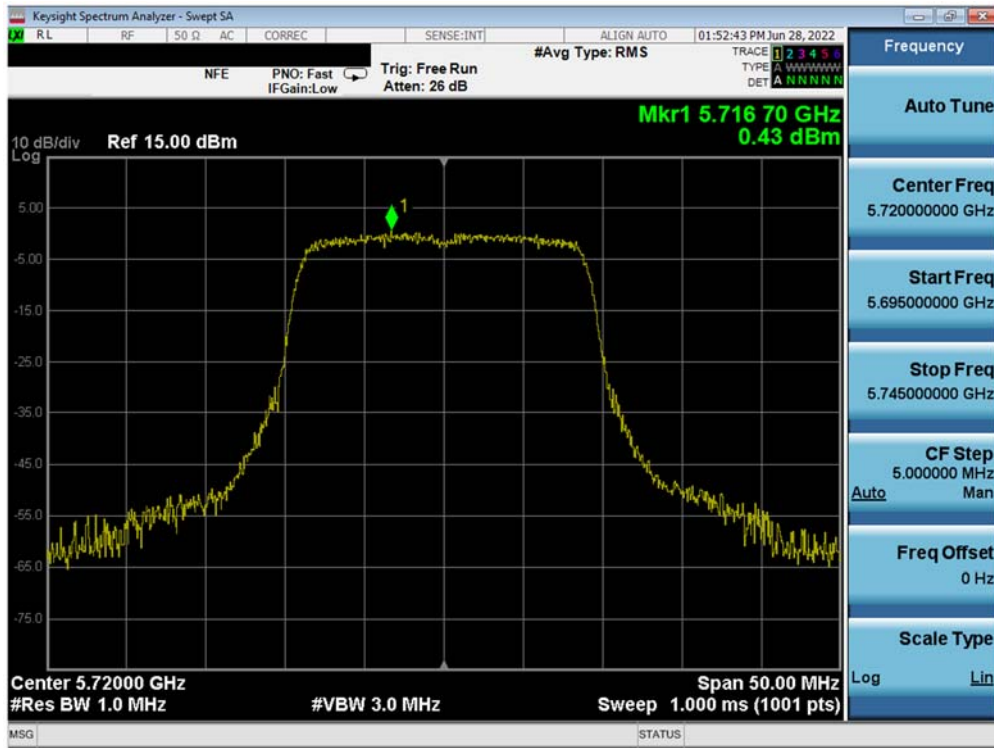


Plot 7-231. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 2C) – Ch. 100)

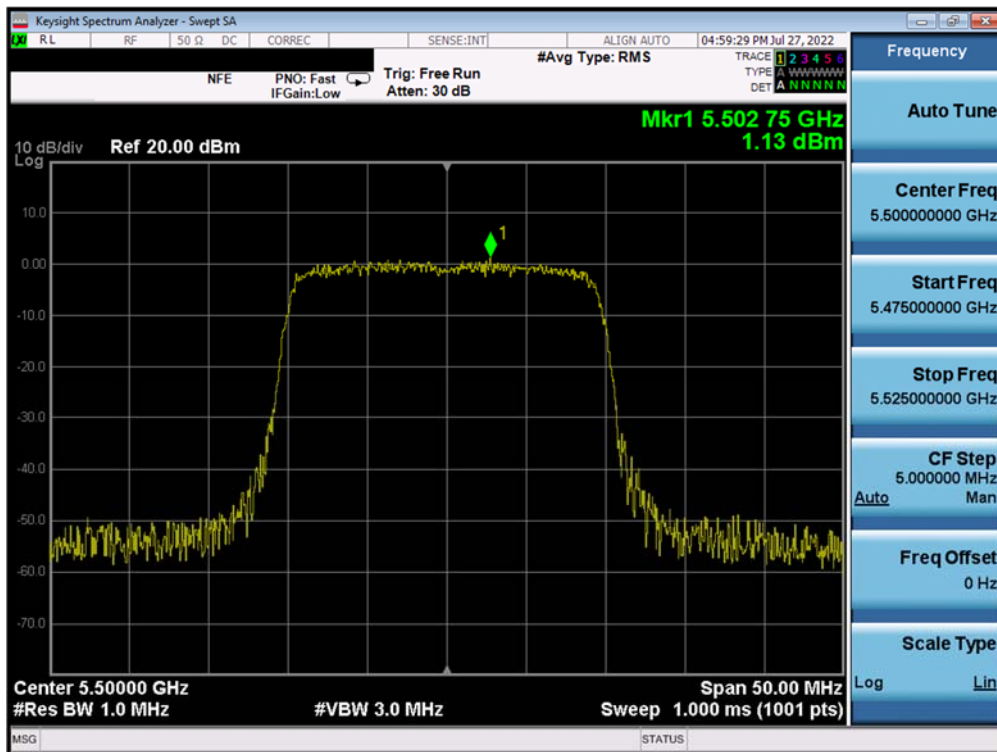


Plot 7-232. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 2C) – Ch. 120)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 146 of 209

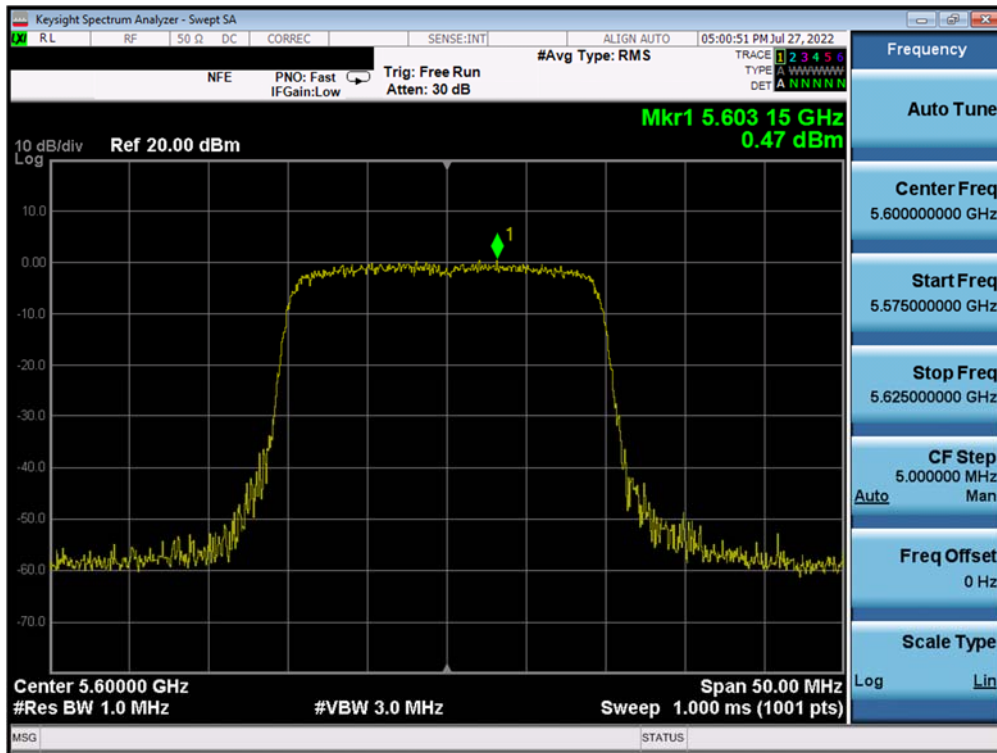


Plot 7-233. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 2C) – Ch. 144)

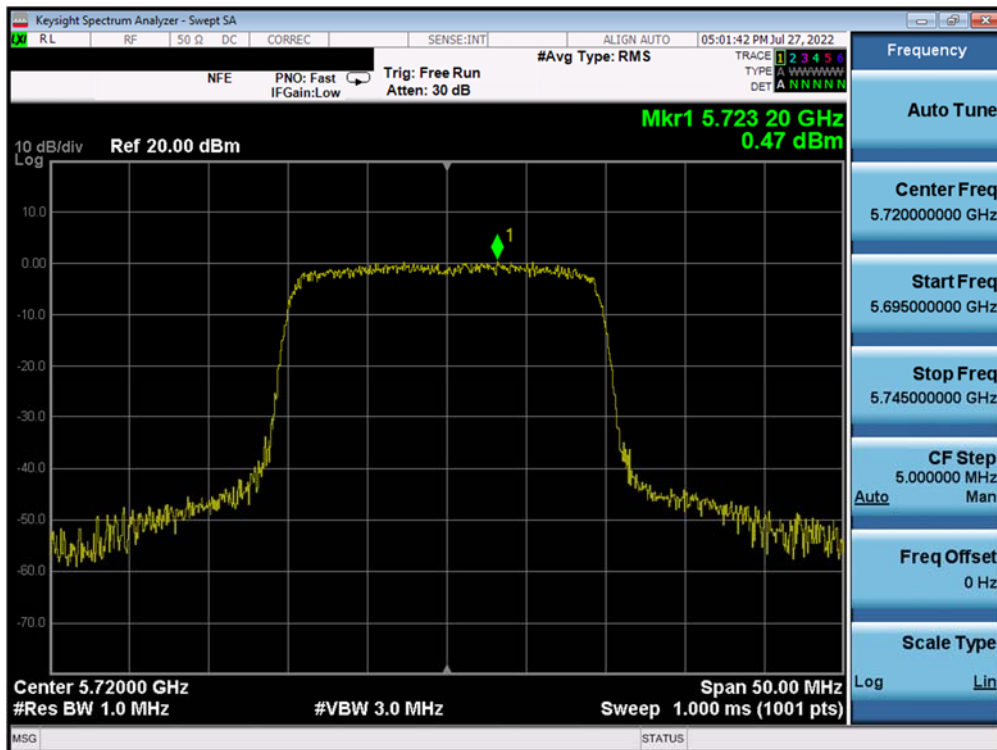


Plot 7-234. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2C) – Ch. 100)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 147 of 209

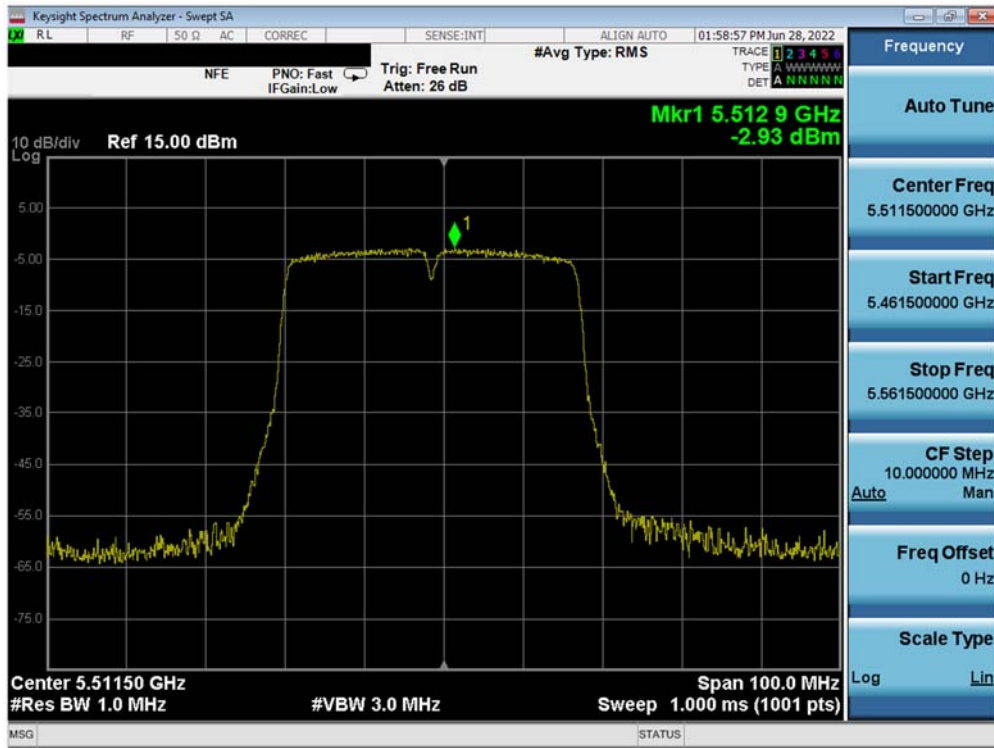


Plot 7-235. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2C) – Ch. 120)

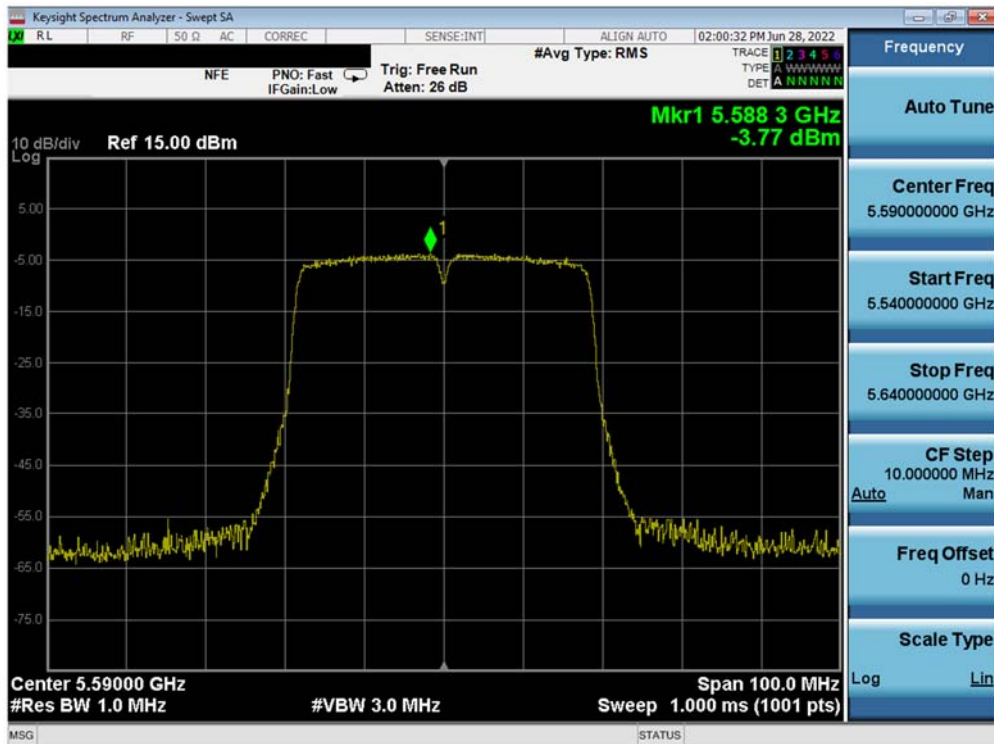


Plot 7-236. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 2C) – Ch. 144)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 148 of 209

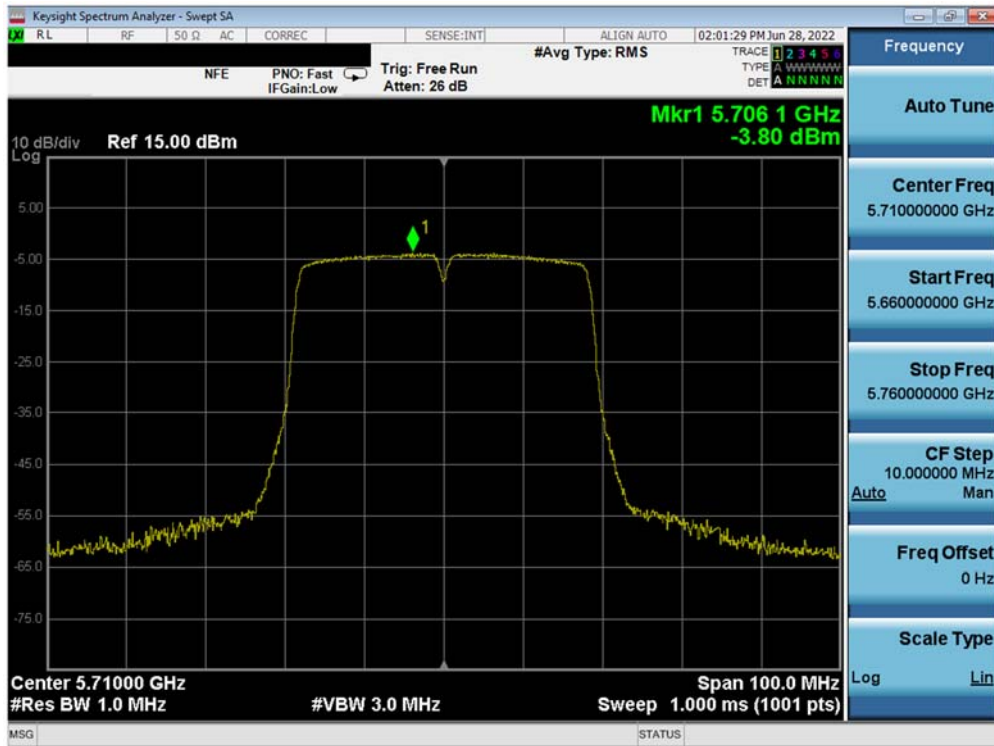


Plot 7-237. Power Spectral Density Plot MIMO ANT2 (802.11n – 40MHz BW (UNII Band 2C) – Ch. 102)

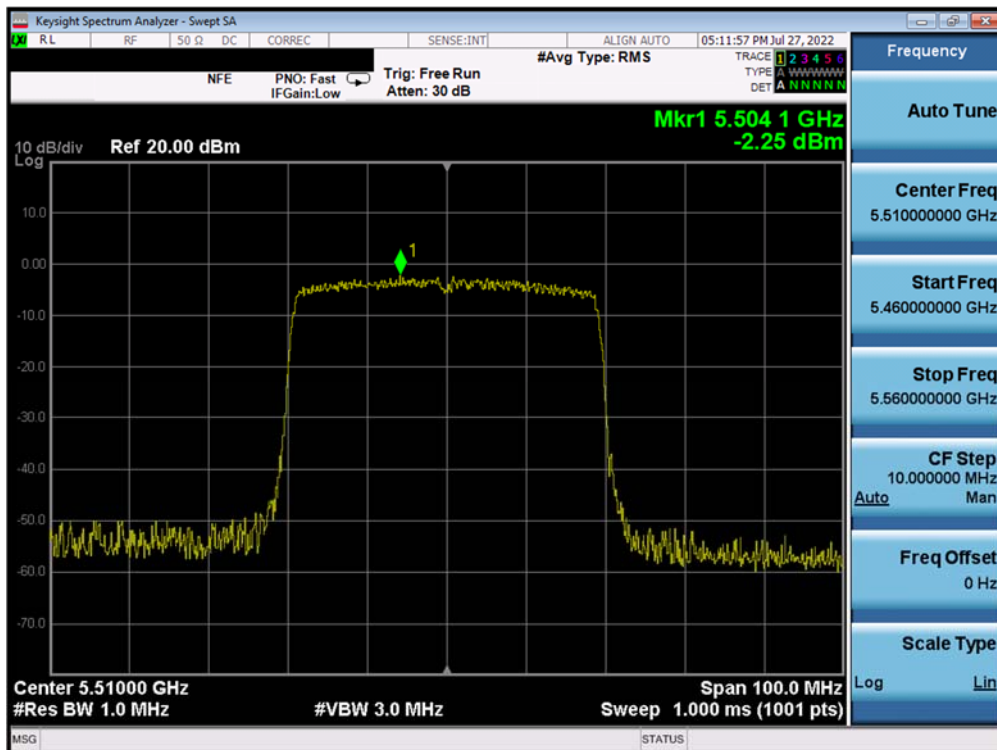


Plot 7-238. Power Spectral Density Plot MIMO ANT2 (802.11n – 40MHz BW (UNII Band 2C) – Ch. 118)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 149 of 209

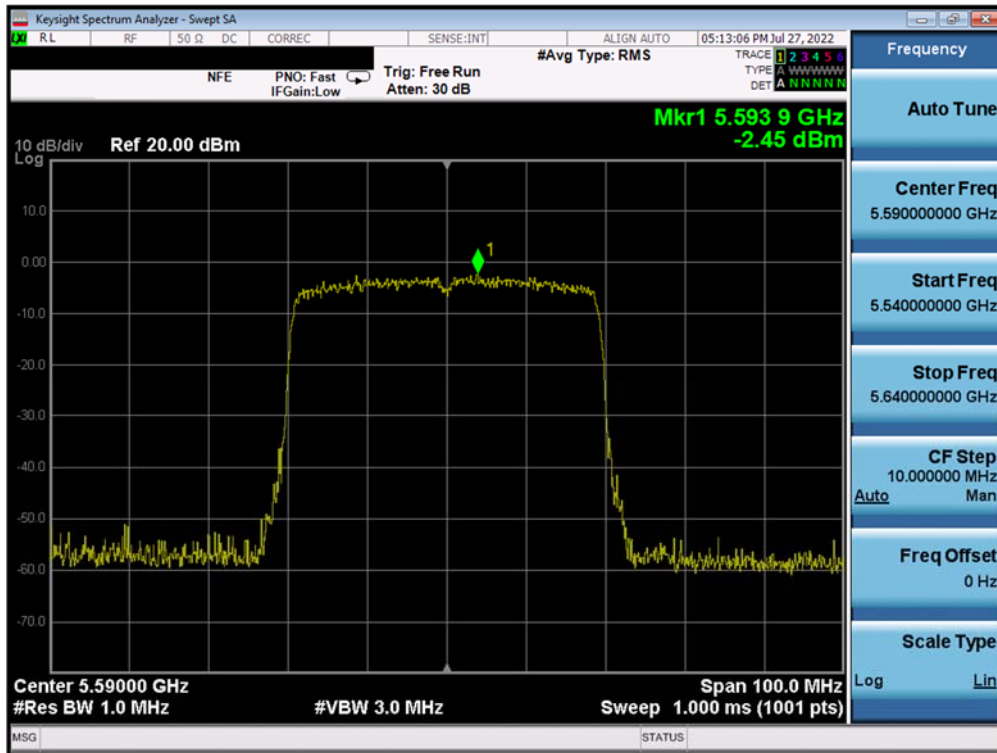


Plot 7-239. Power Spectral Density Plot MIMO ANT2 (802.11n – 40MHz BW (UNII Band 2C) – Ch. 142)

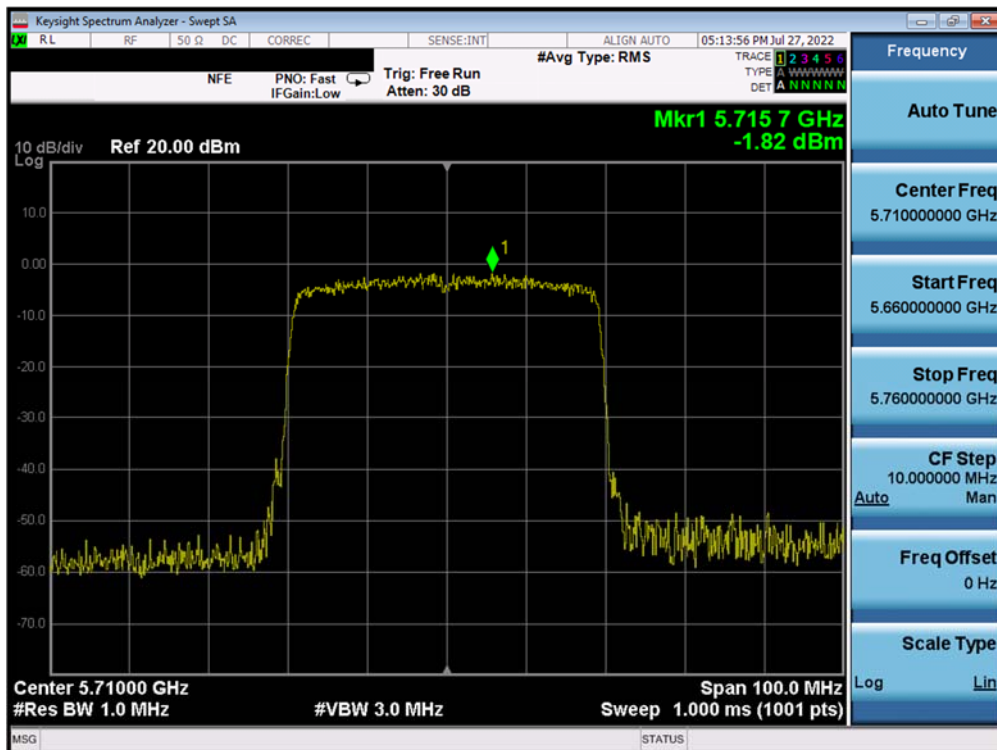


Plot 7-240. Power Spectral Density Plot MIMO ANT2 (802.11ax – 40MHz BW (UNII Band 2C) – Ch. 102)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 150 of 209

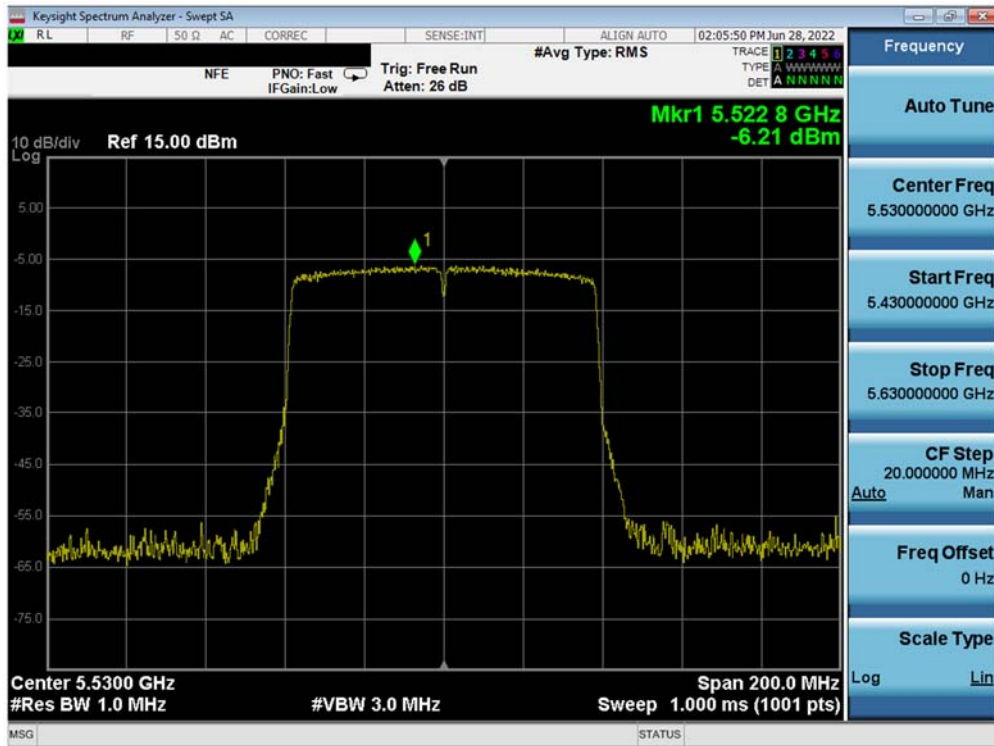


Plot 7-241. Power Spectral Density Plot MIMO ANT2 (802.11ax – 40MHz BW (UNII Band 2C) – Ch. 118)

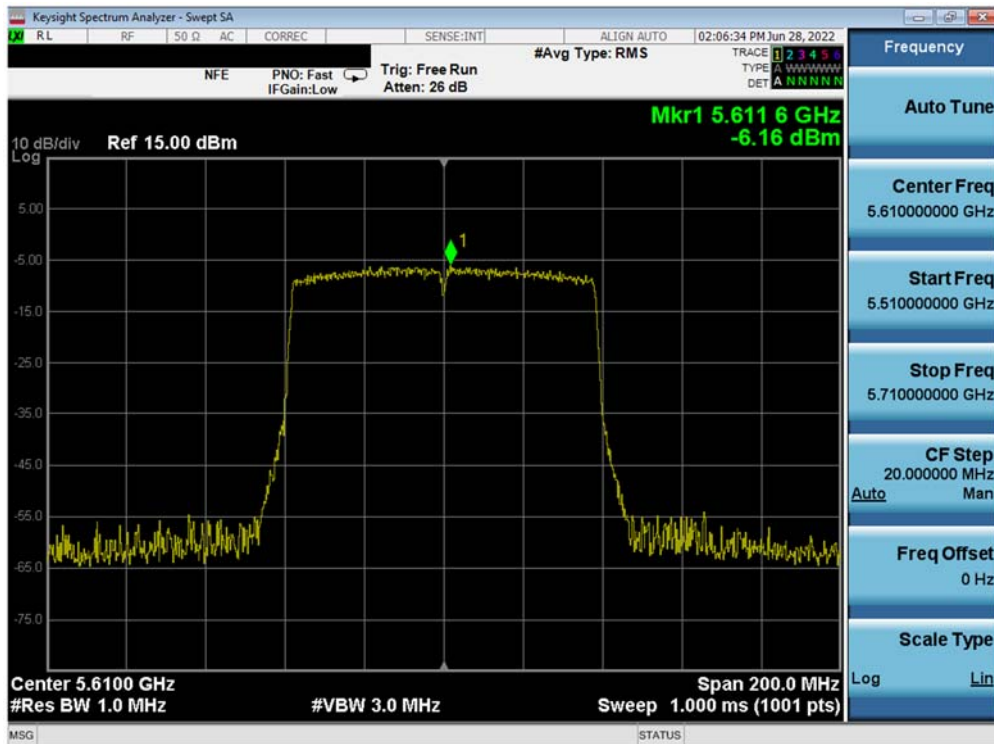


Plot 7-242. Power Spectral Density Plot MIMO ANT2 (802.11ax – 40MHz BW (UNII Band 2C) – Ch. 142)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 151 of 209

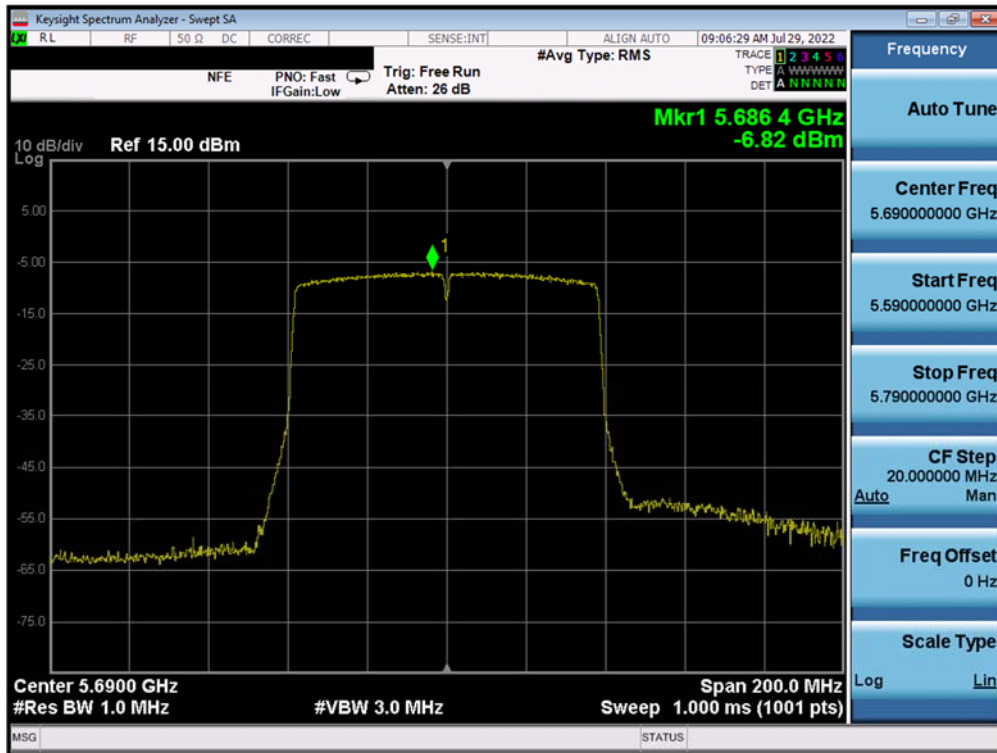


Plot 7-243. Power Spectral Density Plot MIMO ANT2 (802.11ac – 80MHz BW (UNII Band 2C) – Ch. 106)

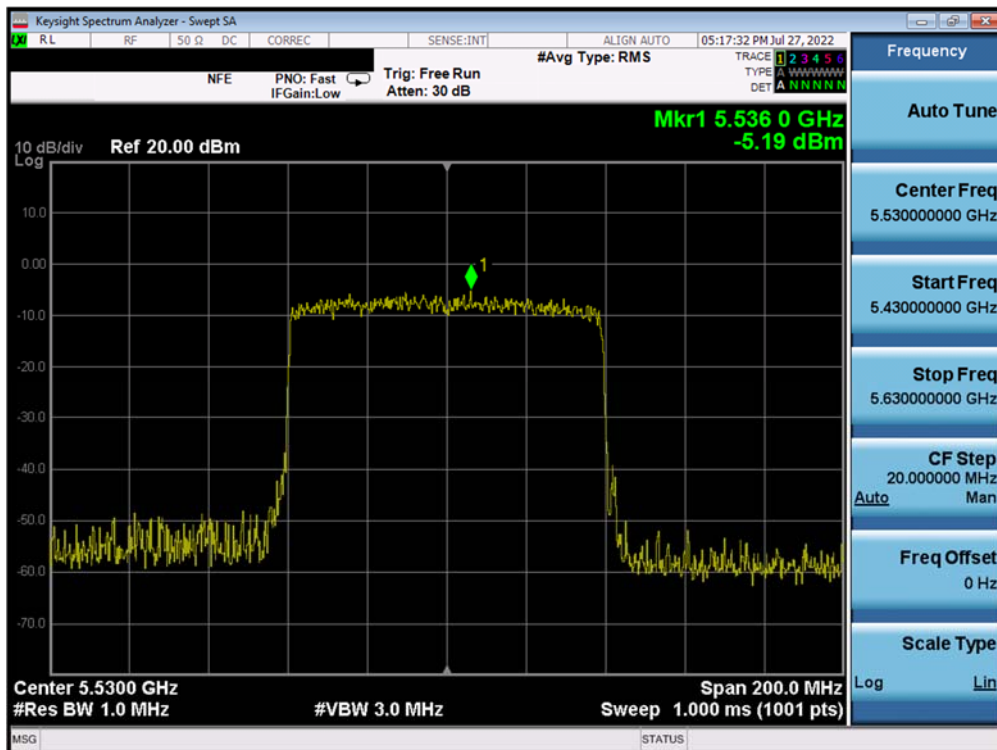


Plot 7-244. Power Spectral Density Plot MIMO ANT2 (802.11ac – 80MHz BW (UNII Band 2C) – Ch. 122)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 152 of 209

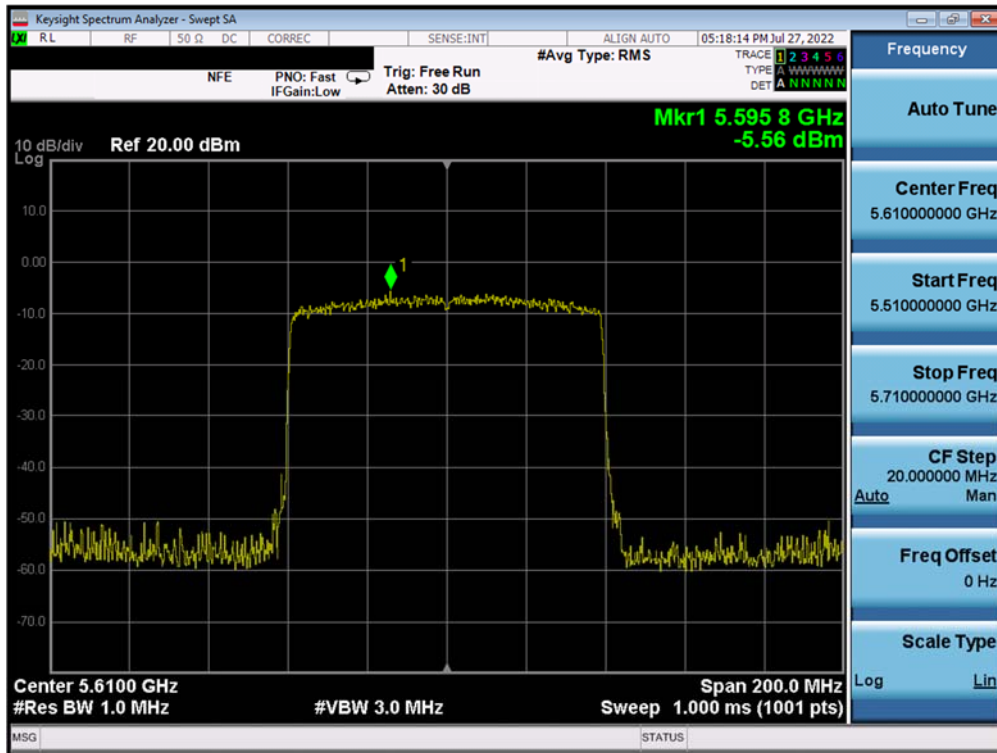


Plot 7-245. Power Spectral Density Plot MIMO ANT2 (802.11ac – 80MHz BW (UNII Band 2C) – Ch. 138)

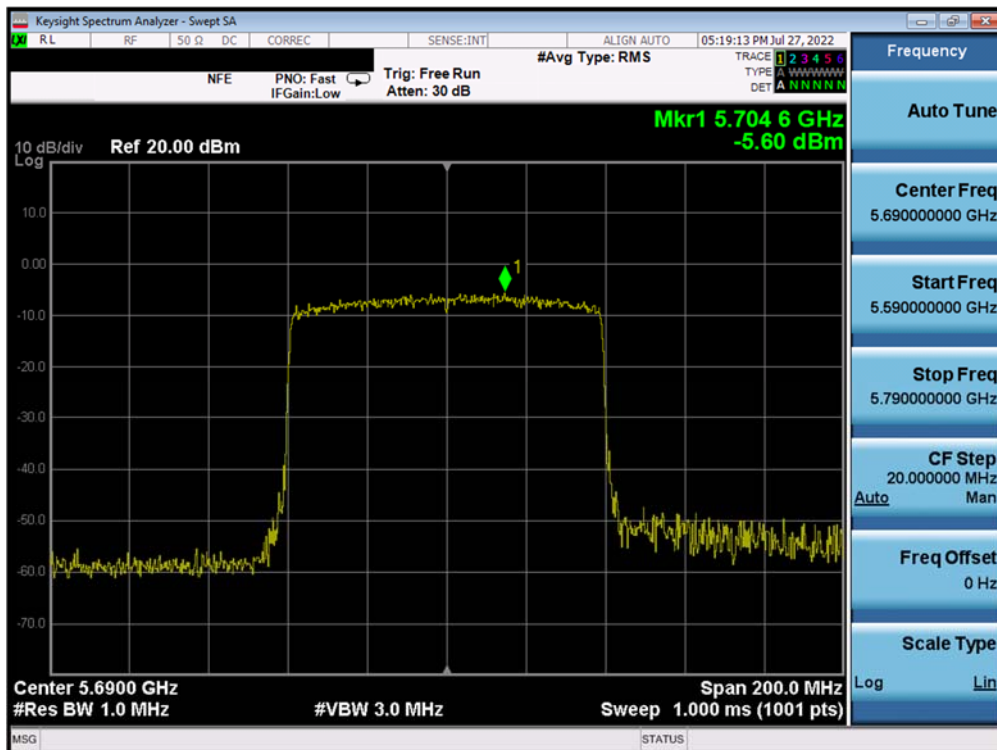


Plot 7-246. Power Spectral Density Plot MIMO ANT2 (802.11ax – 80MHz BW (UNII Band 2C) – Ch. 106)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 153 of 209

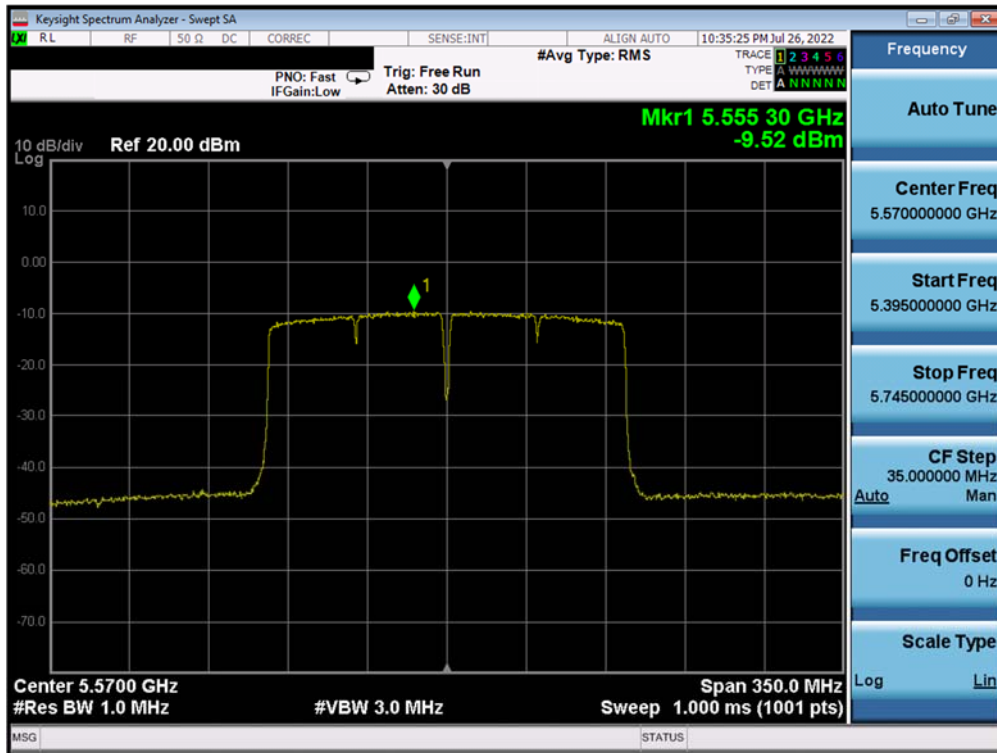


Plot 7-247. Power Spectral Density Plot MIMO ANT2 (802.11ax – 80MHz BW (UNII Band 2C) – Ch. 122)

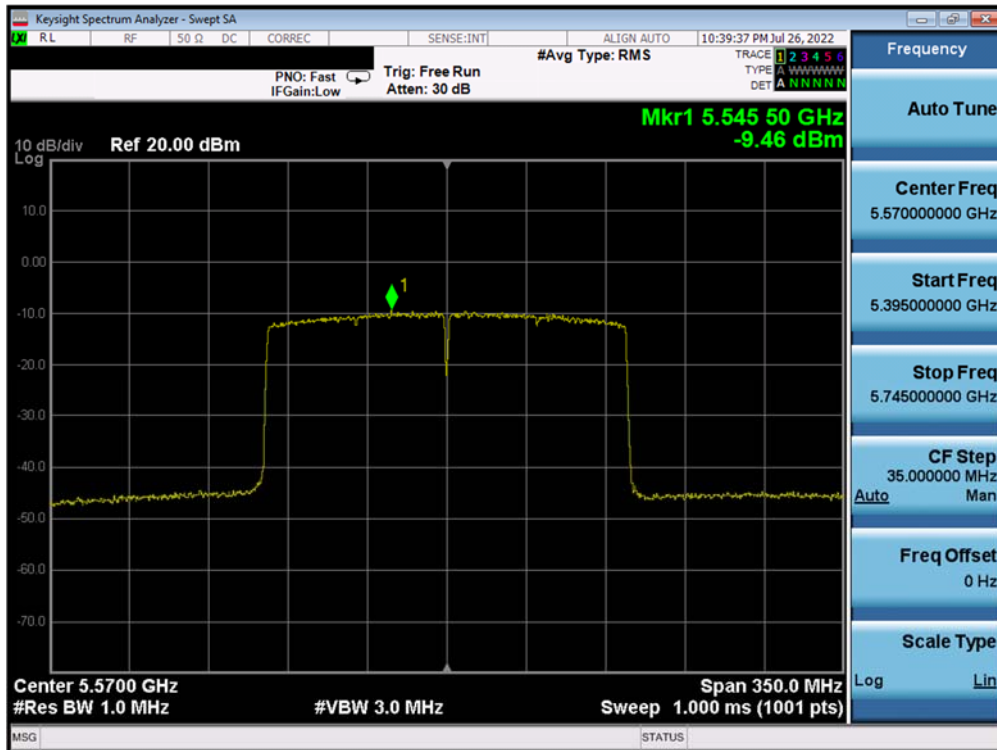


Plot 7-248. Power Spectral Density Plot MIMO ANT2 (802.11ax – 80MHz BW (UNII Band 2C) – Ch. 138)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 154 of 209



Plot 7-249. Power Spectral Density Plot MIMO ANT2 (802.11ac – 160MHz BW (UNII Band 2C) – Ch. 114)



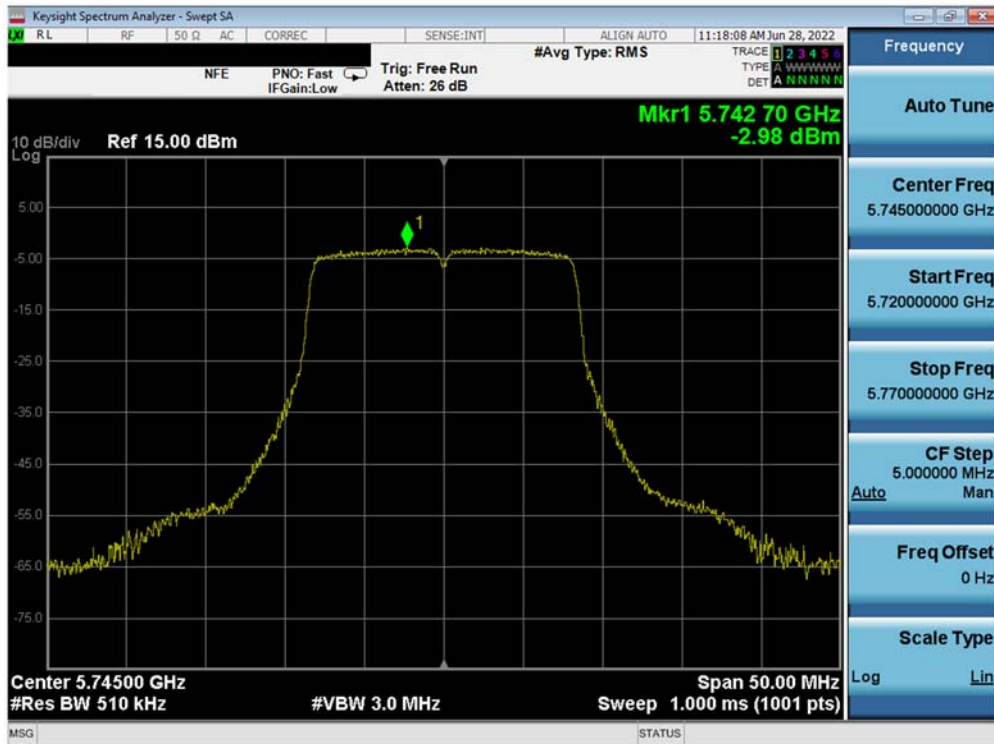
Plot 7-250. Power Spectral Density Plot MIMO ANT2 (802.11ax – 160MHz BW (UNII Band 2C) – Ch. 114)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 155 of 209

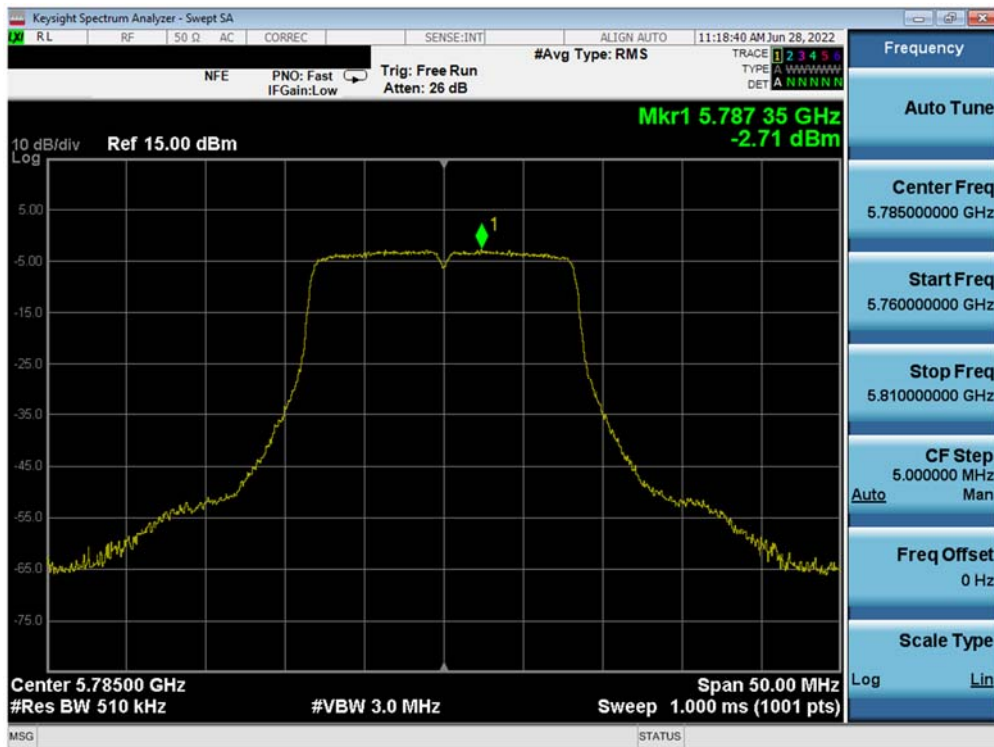
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenn-1 Power Density [dBm]	Antenn-2 Power Density [dBm]	Summed MIMO Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	6	-2.98	-2.62	0.21	30.0	-29.79
	5785	157	a	6	-2.71	-2.84	0.24	30.0	-29.76
	5825	165	a	6	-2.76	-2.93	0.17	30.0	-29.83
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	-3.77	-3.63	-0.69	30.0	-30.69
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	-3.25	-3.20	-0.21	30.0	-30.21
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	-3.15	-2.92	-0.02	30.0	-30.02
	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	-1.89	-1.84	1.15	30.0	-28.85
	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	-2.93	-1.86	0.65	30.0	-29.35
	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	-3.04	-1.93	0.56	30.0	-29.44
	5755	151	n (40MHz)	13.5/15 (MCS0)	-6.59	-6.65	-3.61	30.0	-33.61
	5795	159	n (40MHz)	13.5/15 (MCS0)	-6.01	-6.61	-3.29	30.0	-33.29
	5755	151	ax (40MHz)	13.5/15 (MCS0)	-5.49	-4.62	-2.02	30.0	-32.02
	5795	159	ax (40MHz)	13.5/15 (MCS0)	-5.33	-4.98	-2.14	30.0	-32.14
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-6.99	-5.99	-3.45	30.0	-33.45
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-9.04	-8.20	-5.59	30.0	-35.59

Table 7-18. Band 3 Conducted Power Spectral Density Measurements MIMO

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 156 of 209

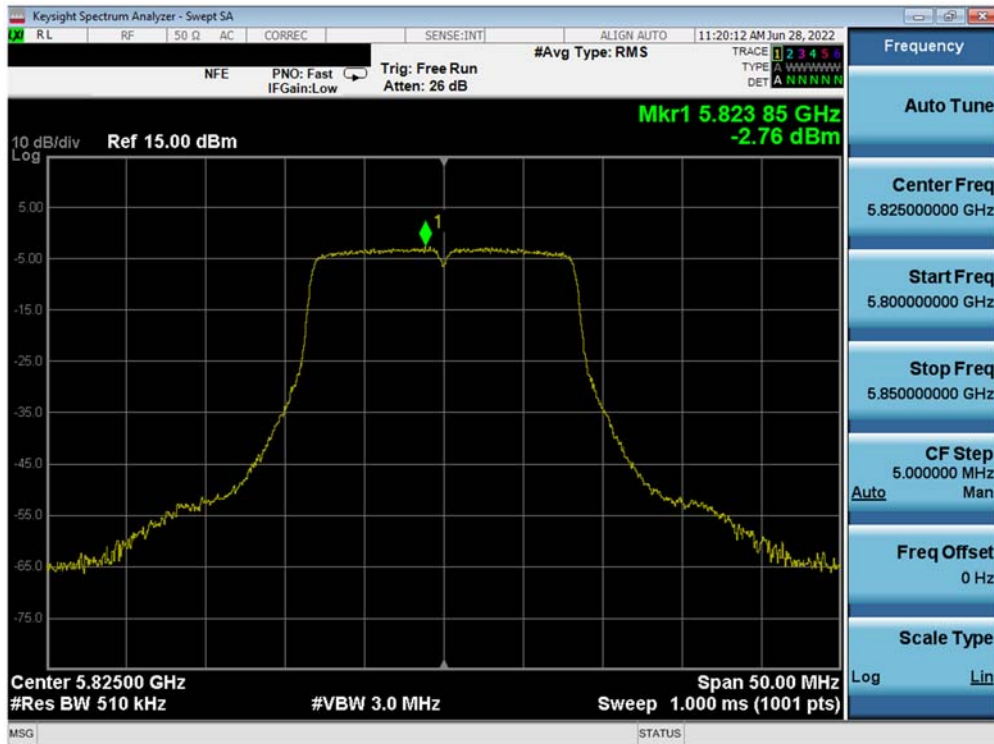


Plot 7-251. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 3) – Ch. 149)

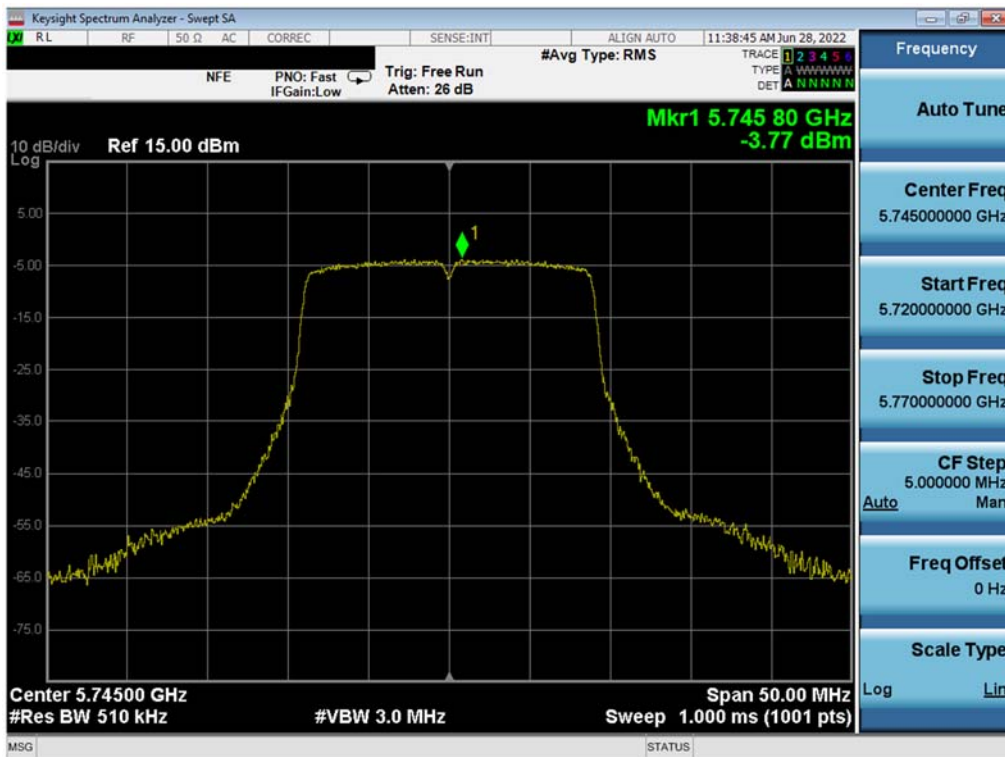


Plot 7-252. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 3) – Ch. 157)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 157 of 209

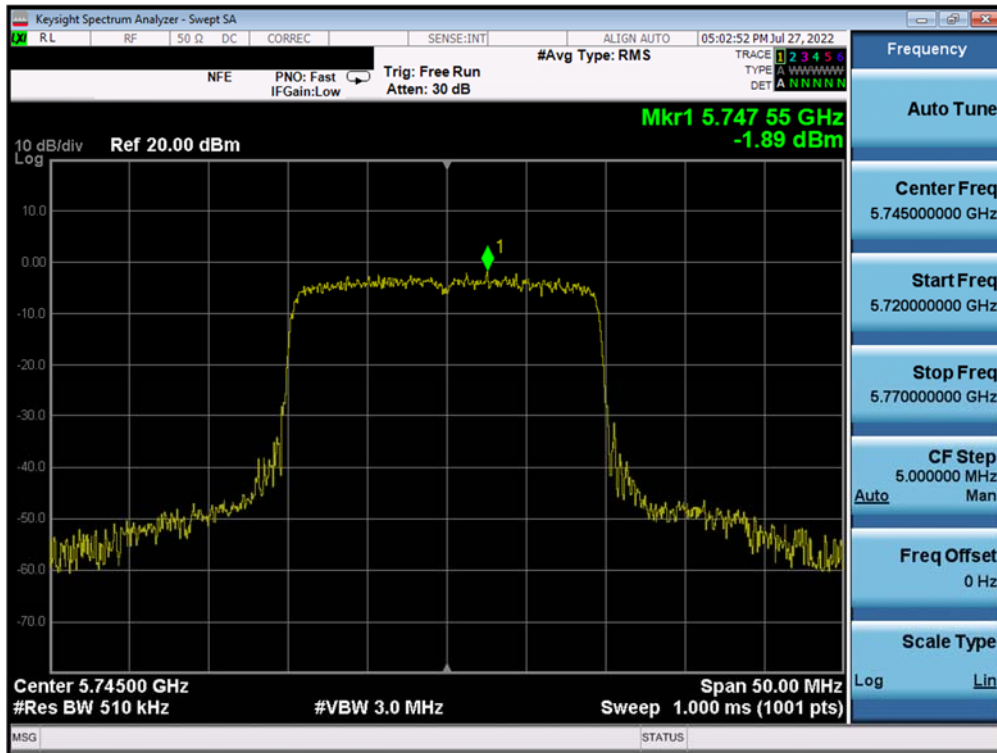


Plot 7-253. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 3) – Ch. 165)

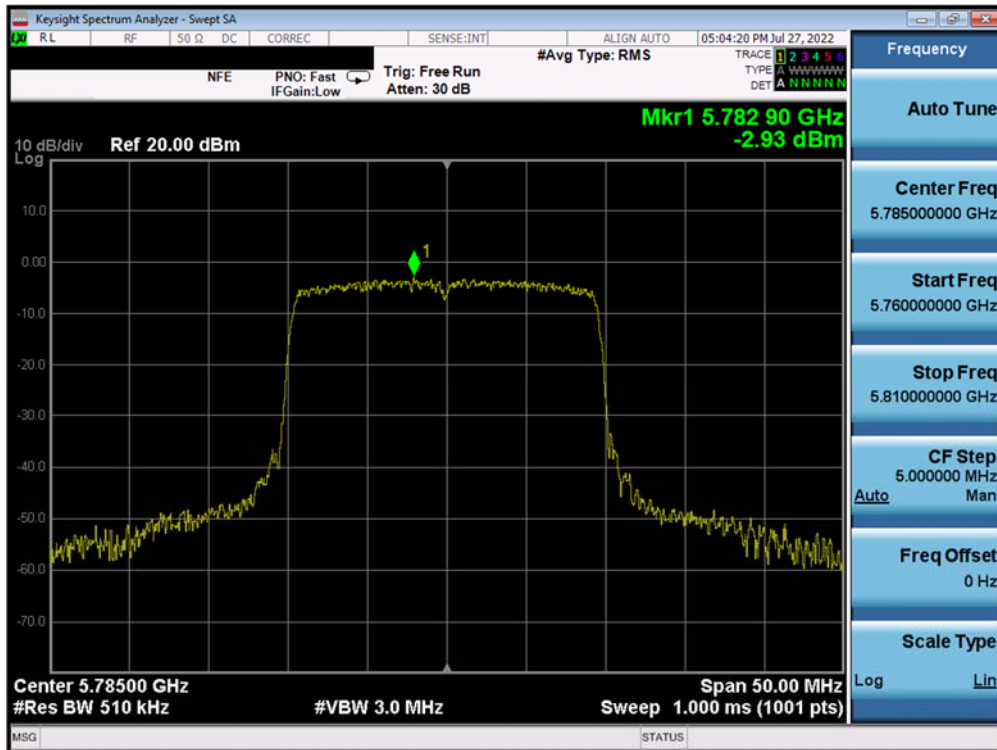


Plot 7-254. Power Spectral Density Plot MIMO ANT1 (802.11n – 20MHz BW (UNII Band 3) – Ch. 149)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 158 of 209

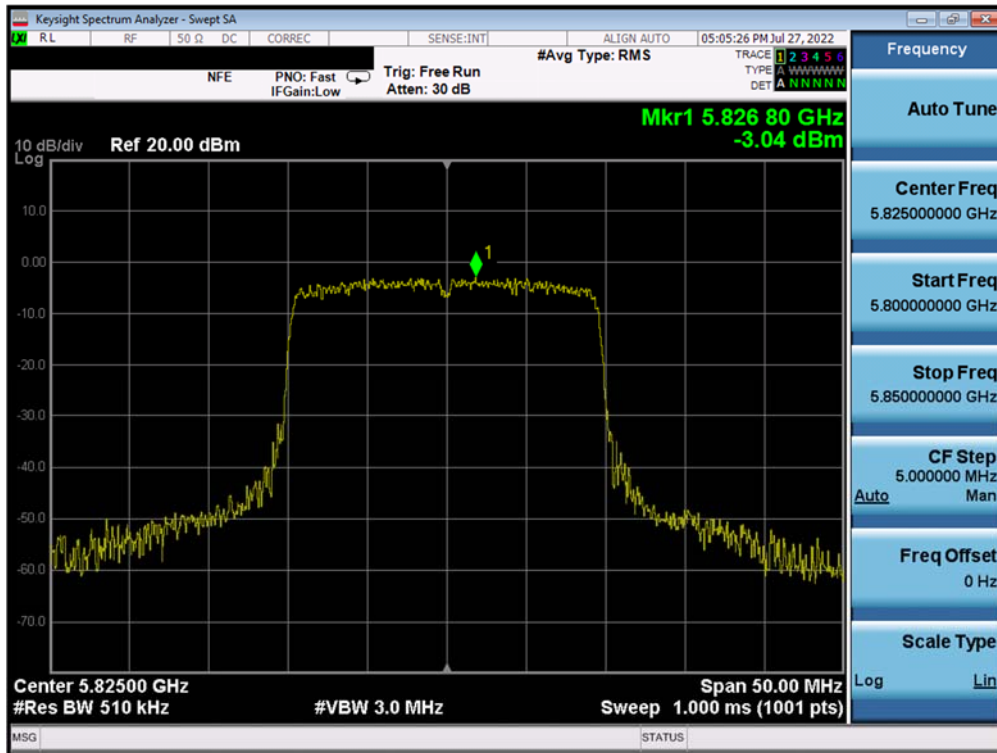


Plot 7-257. Power Spectral Density Plot MIMO ANT1 (802.11ax – 20MHz BW (UNII Band 3) – Ch. 149)

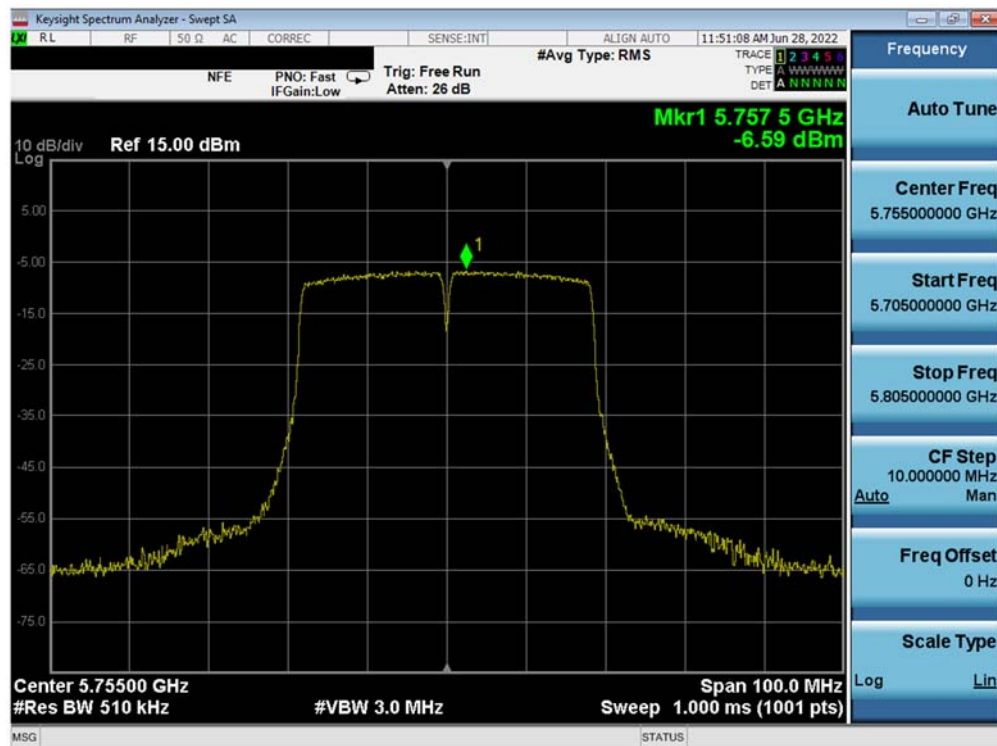


Plot 7-258. Power Spectral Density Plot MIMO ANT1 (802.11ax – 20MHz BW (UNII Band 3) – Ch. 157)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 160 of 209

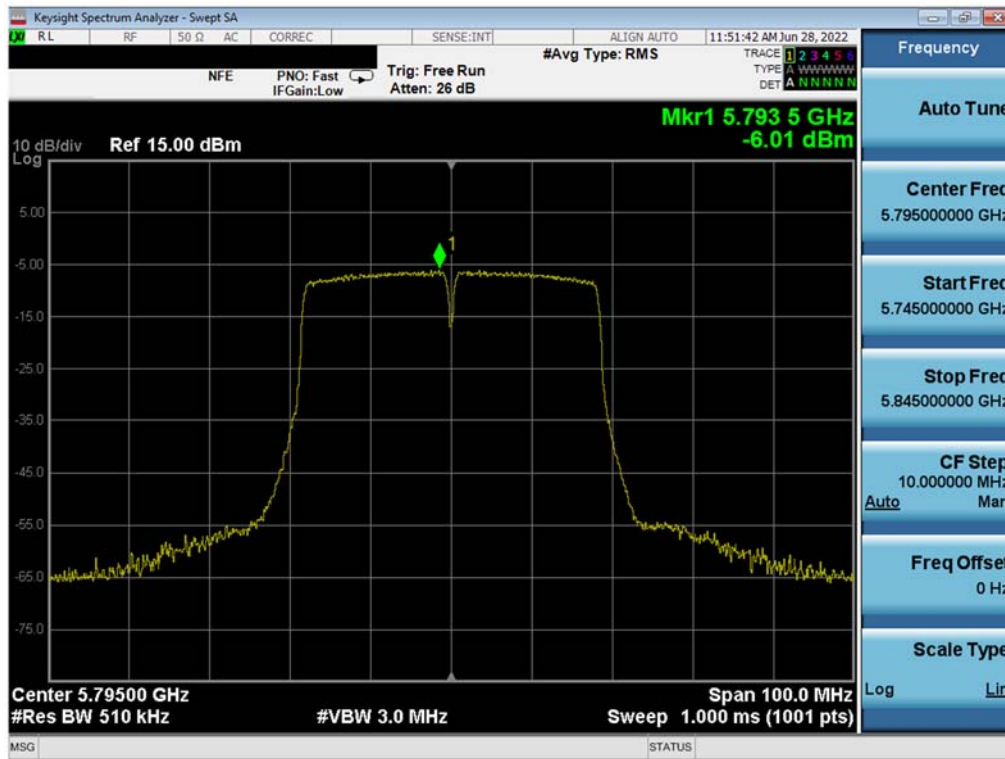


Plot 7-259. Power Spectral Density Plot MIMO ANT1 (802.11ax – 20MHz BW (UNII Band 3) – Ch. 165)

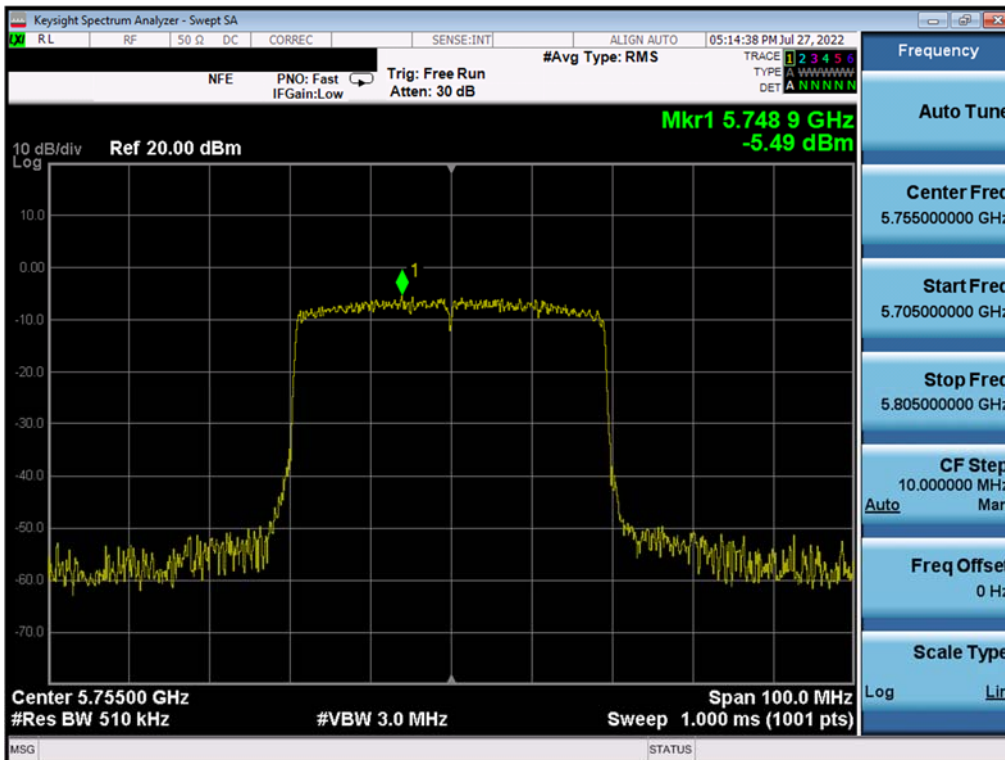


Plot 7-260. Power Spectral Density Plot MIMO ANT1 (802.11n – 40MHz BW (UNII Band 3) – Ch. 151)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 161 of 209

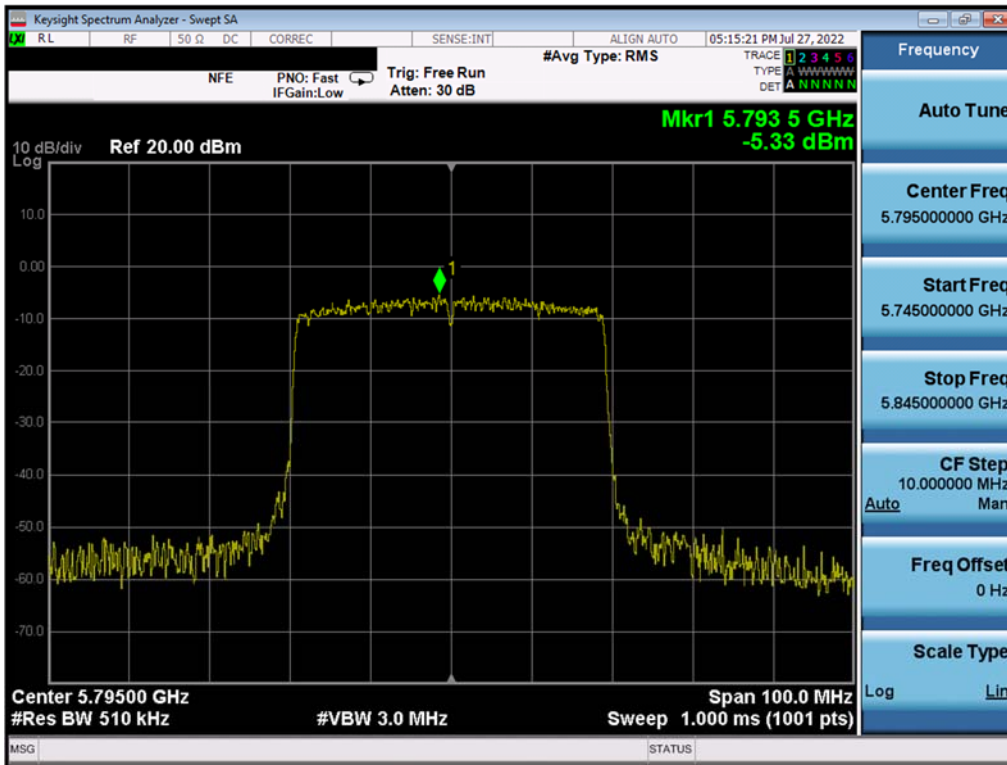


Plot 7-261. Power Spectral Density Plot MIMO ANT1 (802.11n – 40MHz BW (UNII Band 3) – Ch. 159)

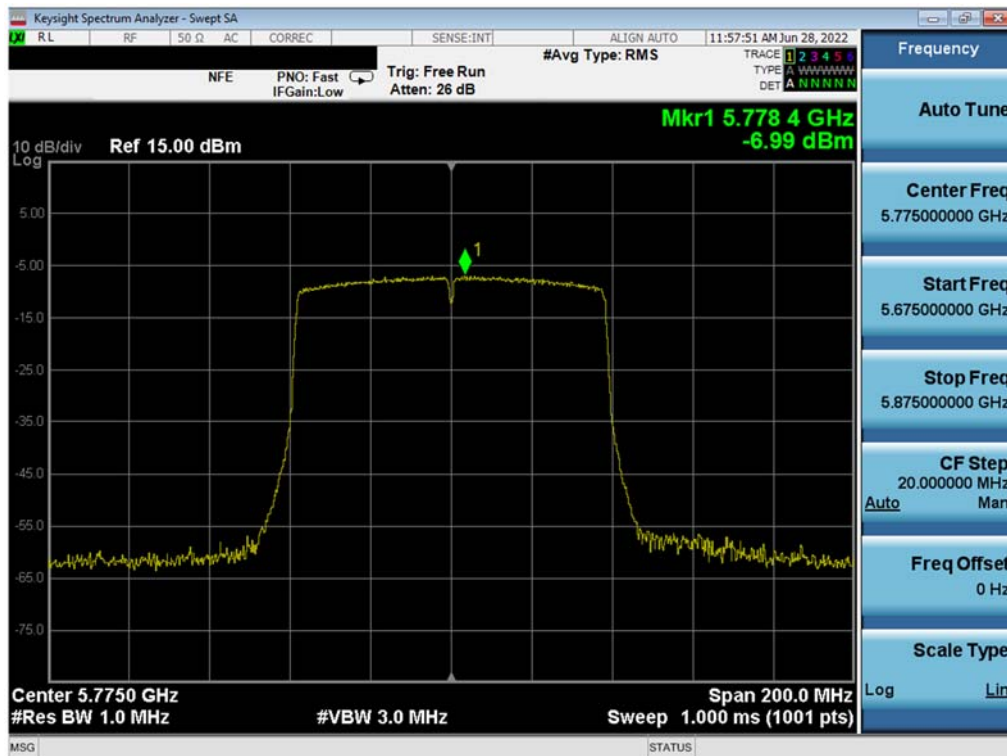


Plot 7-262. Power Spectral Density Plot MIMO ANT1 (802.11ax – 40MHz BW (UNII Band 3) – Ch. 151)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 162 of 209

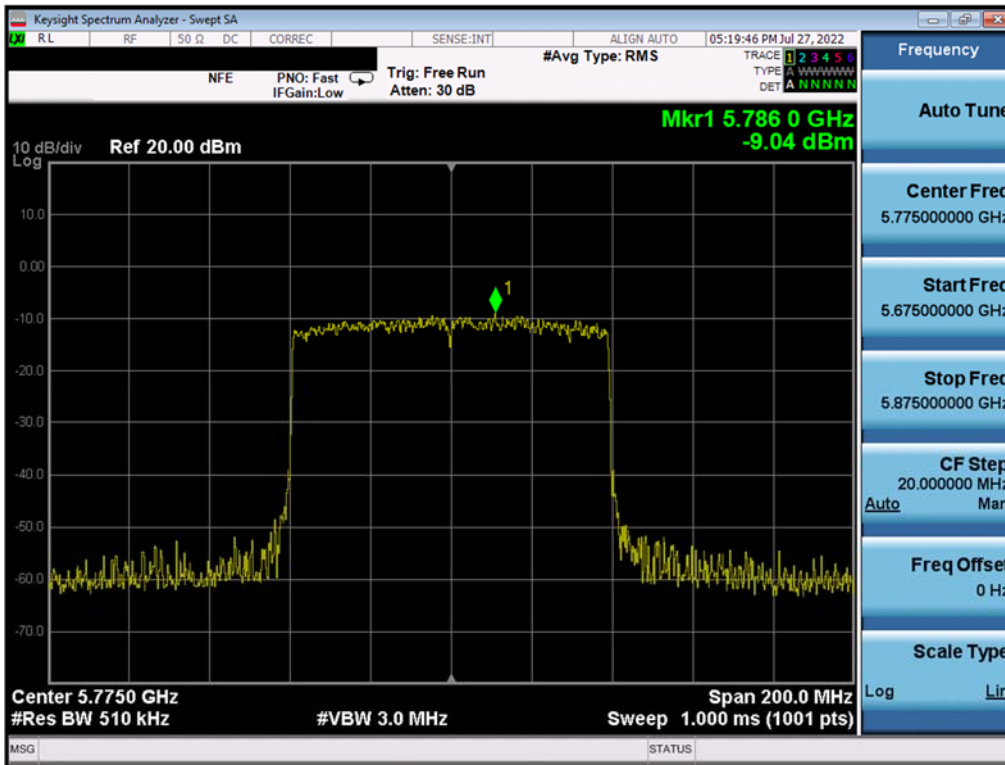


Plot 7-263. Power Spectral Density Plot MIMO ANT1 (802.11ax – 40MHz BW (UNII Band 3) – Ch. 159)

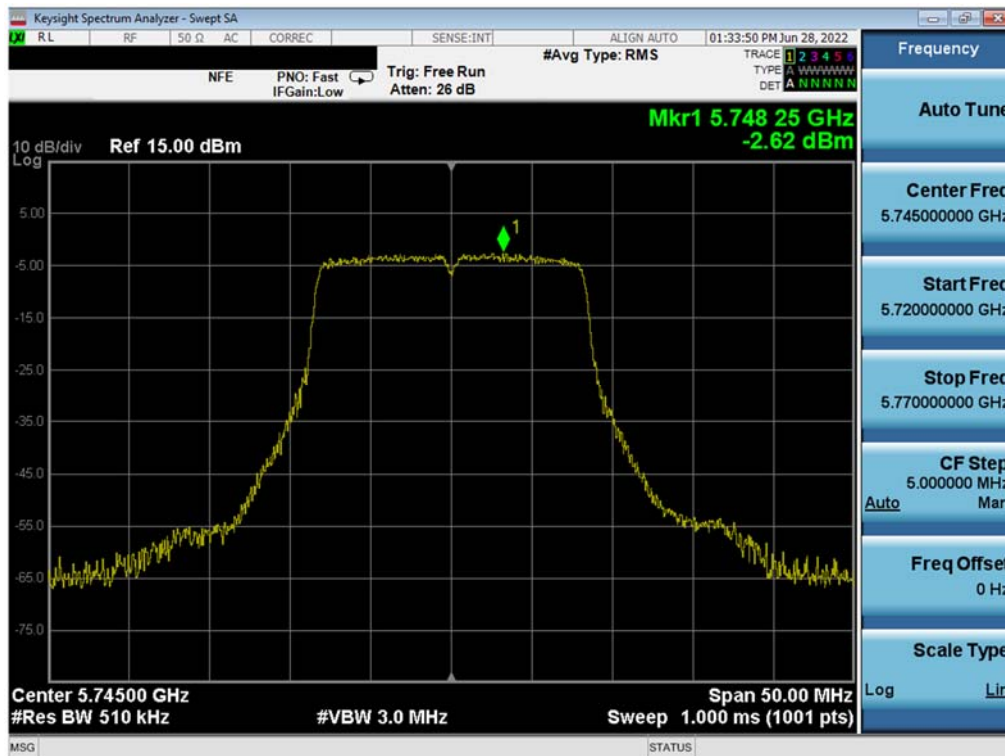


Plot 7-264. Power Spectral Density Plot MIMO ANT1 (802.11ac – 80MHz BW (UNII Band 3) – Ch. 155)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 163 of 209

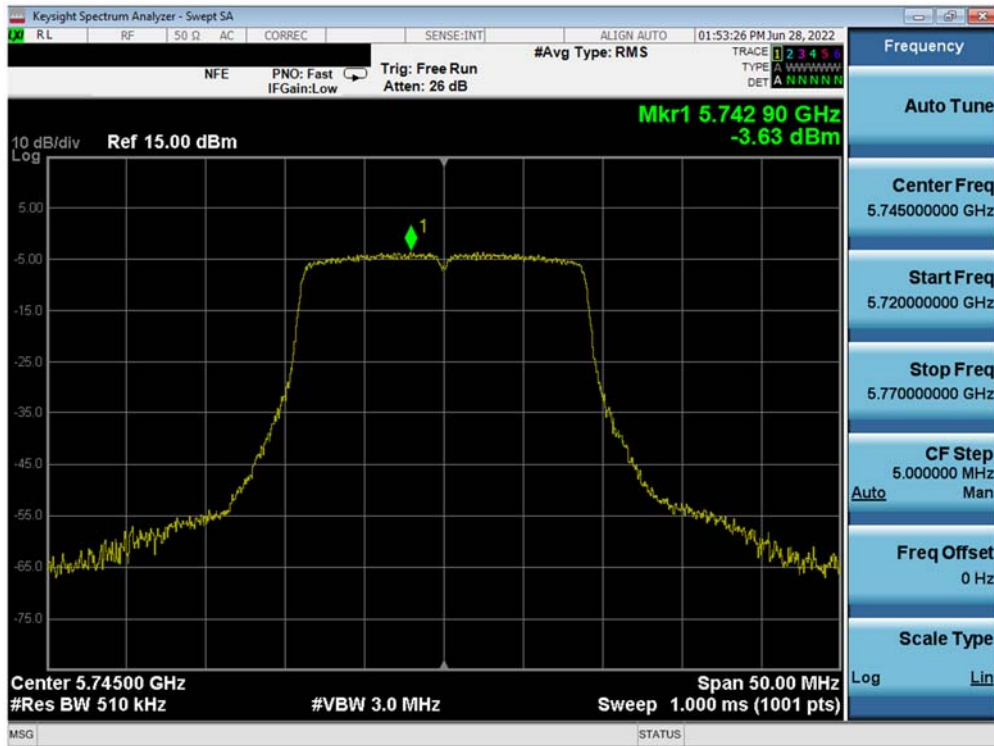


Plot 7-265. Power Spectral Density Plot MIMO ANT1 (802.11ax – 80MHz BW (UNII Band 3) – Ch. 155)

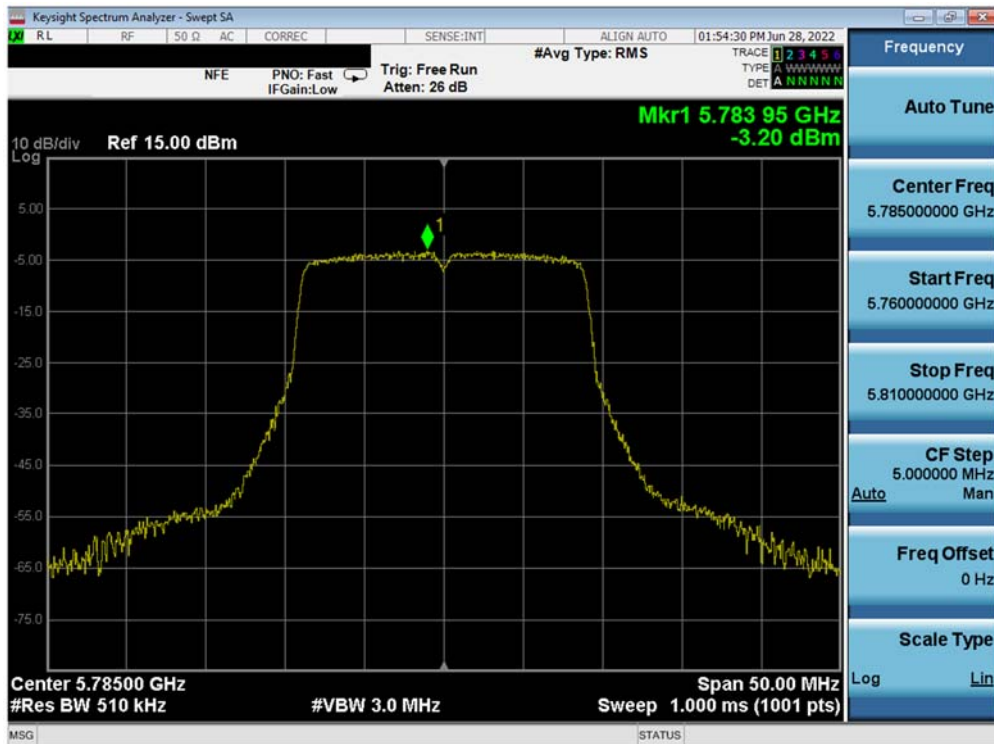


Plot 7-266. Power Spectral Density Plot MIMO ANT2 (802.11a (UNII Band 3) – Ch. 149)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 164 of 209

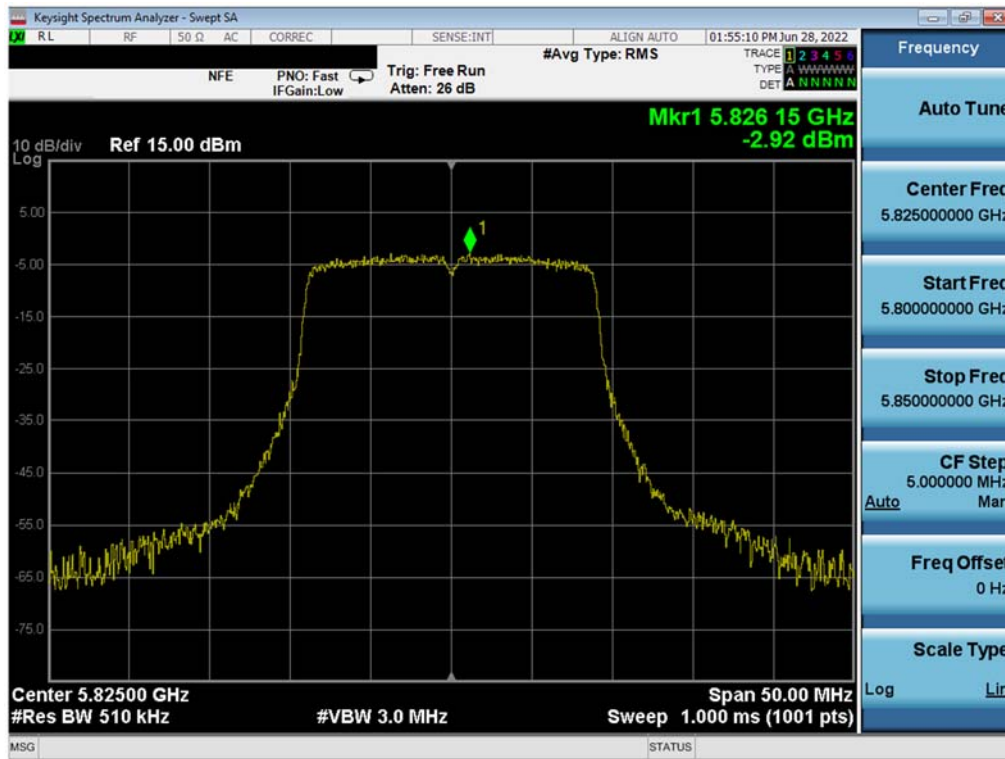


Plot 7-269. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 3) – Ch. 149)

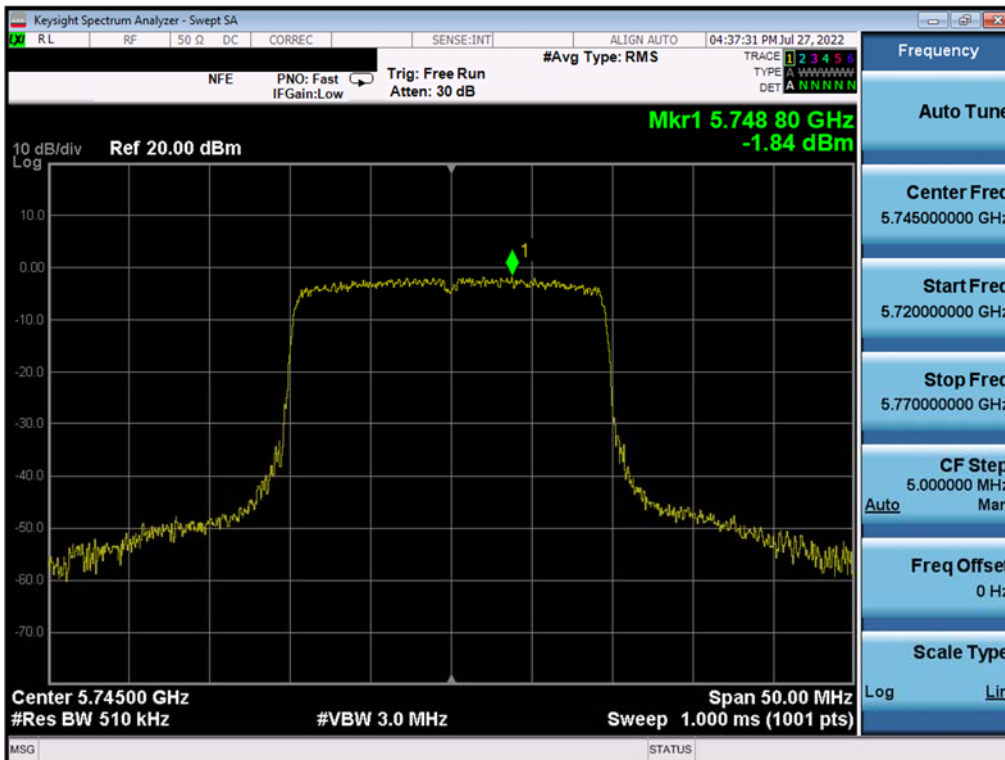


Plot 7-270. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 3) – Ch. 157)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 166 of 209



Plot 7-271. Power Spectral Density Plot MIMO ANT2 (802.11n – 20MHz BW (UNII Band 3) – Ch. 165)



Plot 7-272. Power Spectral Density Plot MIMO ANT2 (802.11ax – 20MHz BW (UNII Band 3) – Ch. 149)

FCC ID: PY7-58692W	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2207200079-10.PY7	Test Dates: 6/3/2022-7/29/2022	EUT Type: Portable Handset	Page 167 of 209

