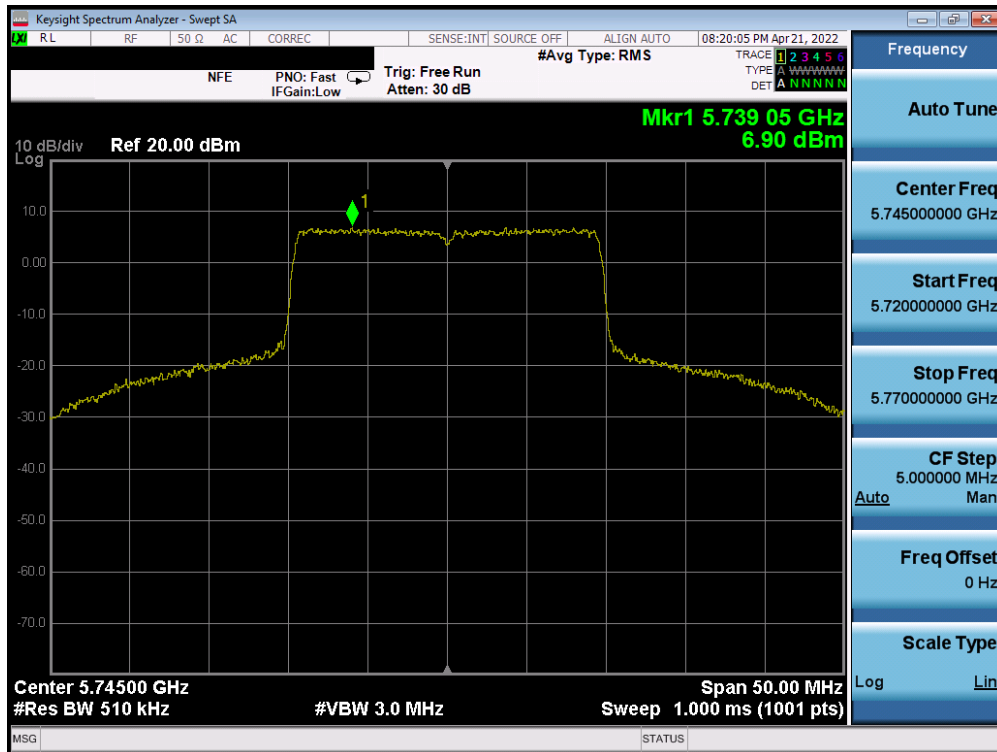


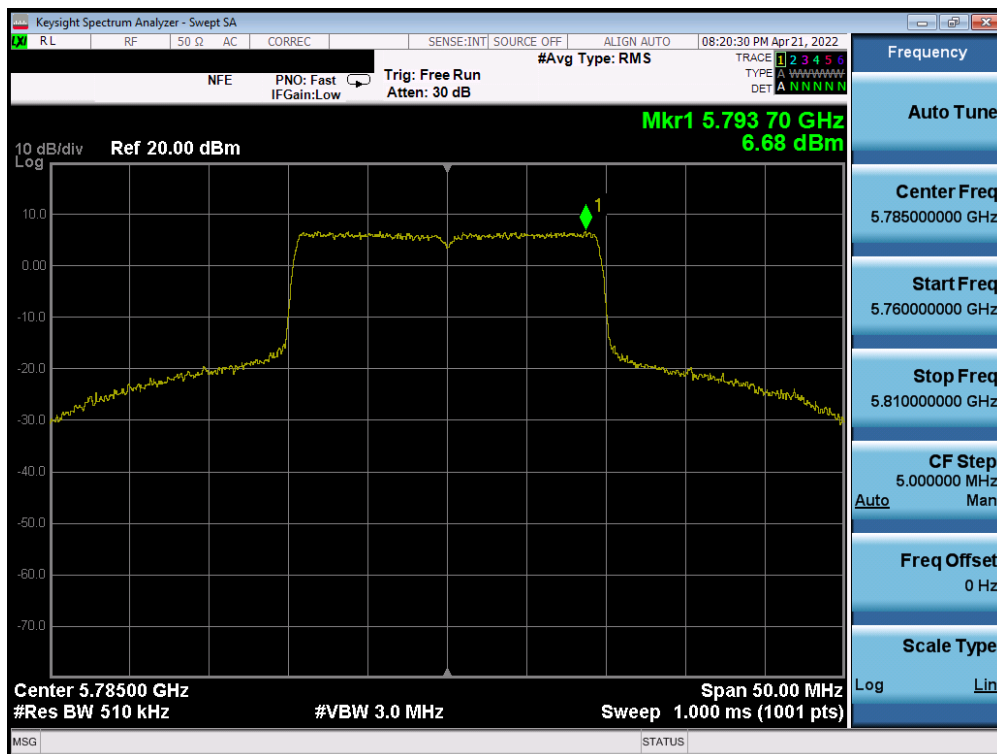
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density	Margin [dB]
Band 3	5745	149	ax (20MHz)	242T	MCS0	6.90	30.00	-23.10
	5785	157	ax (20MHz)	242T	MCS0	6.68	30.00	-23.32
	5825	165	ax (20MHz)	242T	MCS0	6.49	30.00	-23.51
	5755	151	ax (40MHz)	484T	MCS0	4.47	30.00	-25.53
	5795	159	ax (40MHz)	484T	MCS0	4.24	30.00	-25.76
	5775	155	ax (80MHz)	996T	MCS0	-0.76	30.00	-30.76

Table 7-97. Band 3 Conducted Power Spectral Density Measurements SISO ANT1 (Full Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 146 of 309

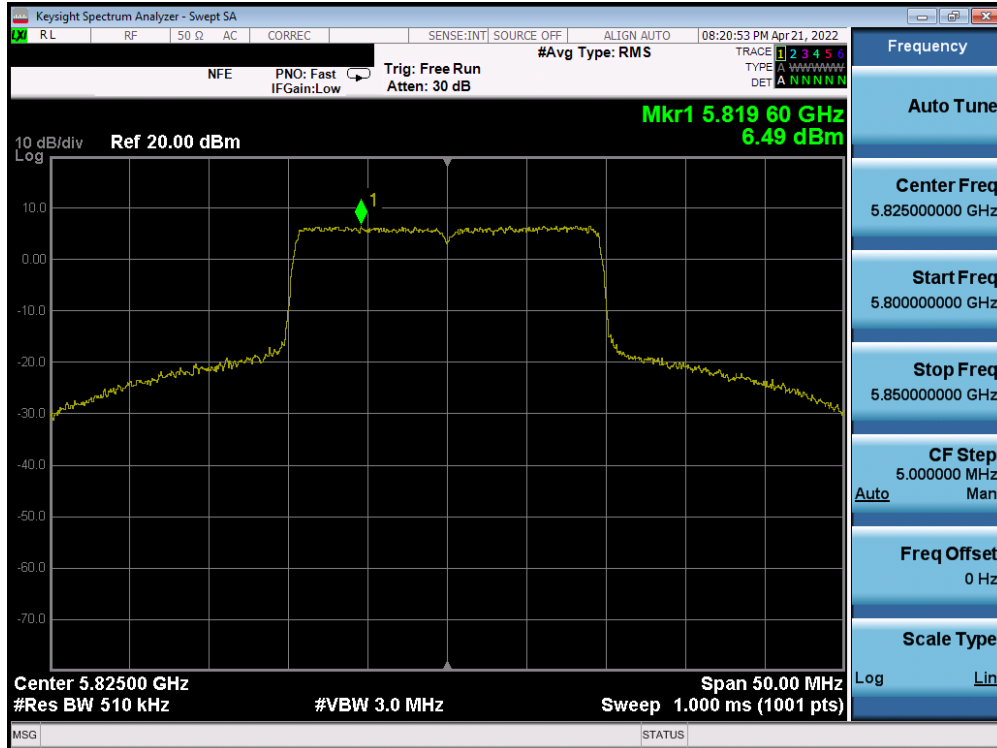


Plot 7-171. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 149)

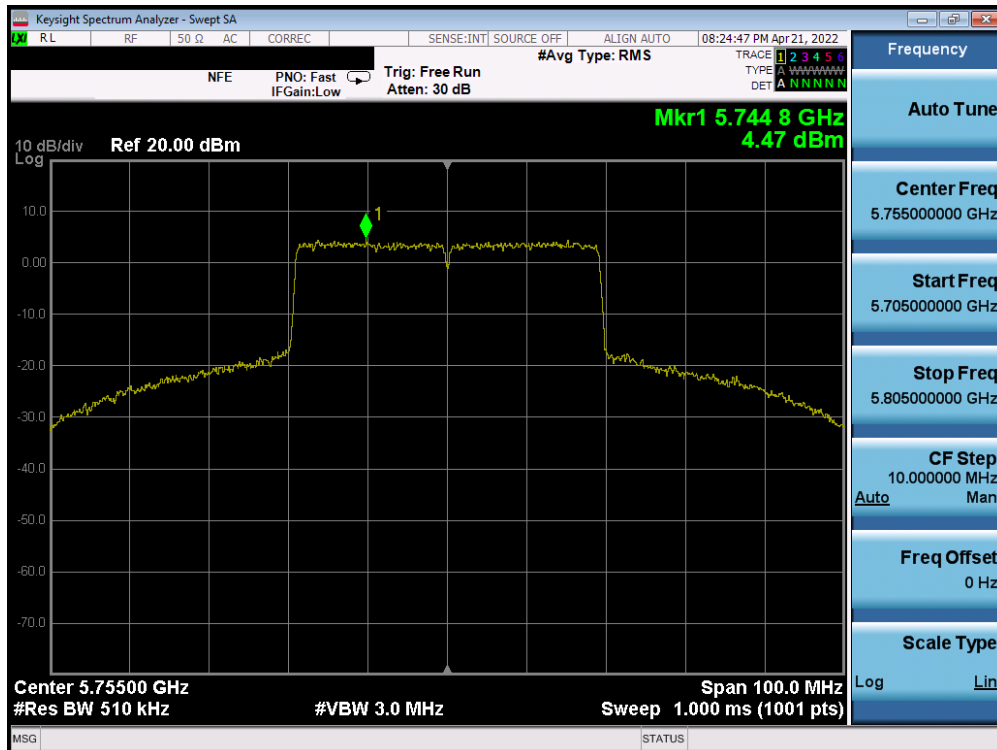


Plot 7-172. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 157)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 147 of 309

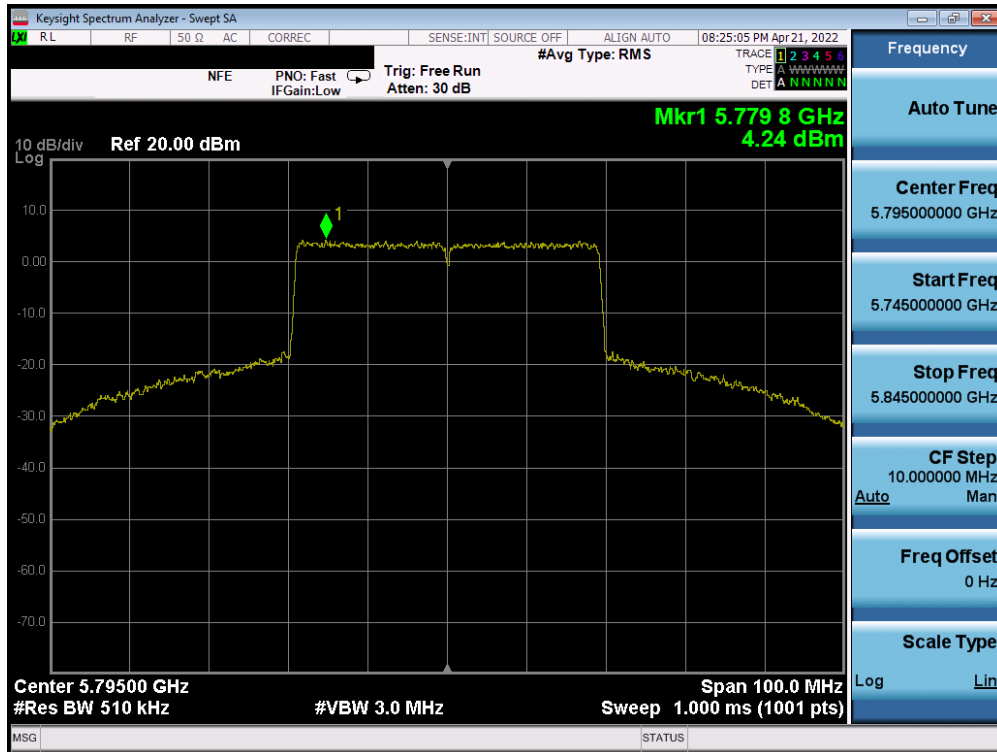


Plot 7-173. Power Spectral Density Plot SISO ANT1 (20 MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 165)

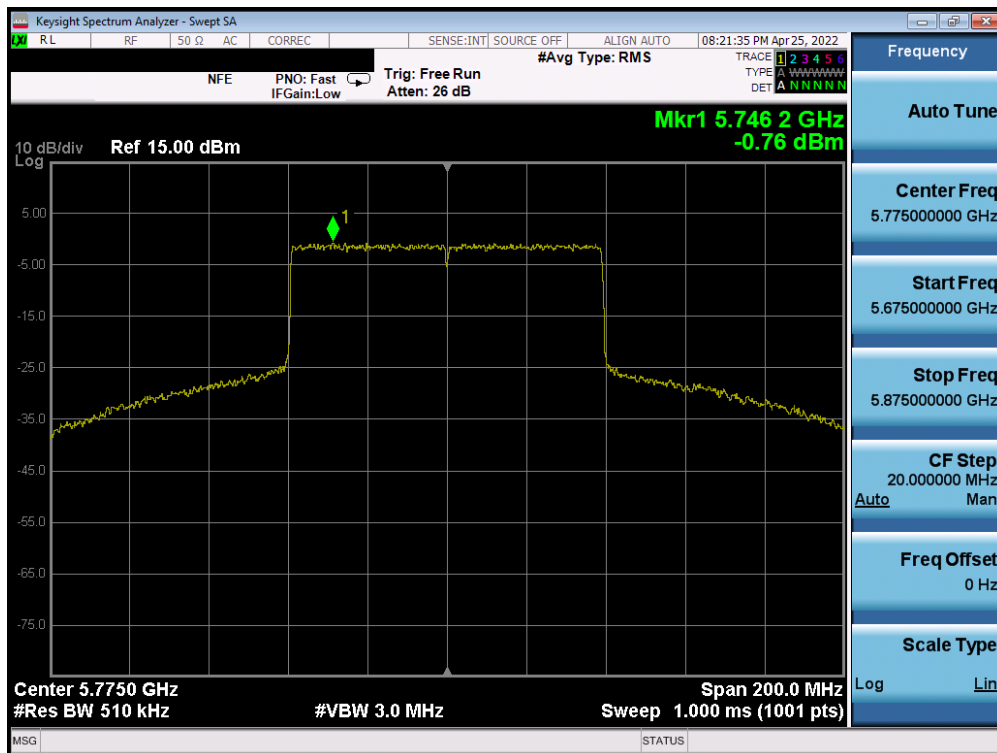


Plot 7-174. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 148 of 309



Plot 7-175. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 159)



Plot 7-176. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 155)

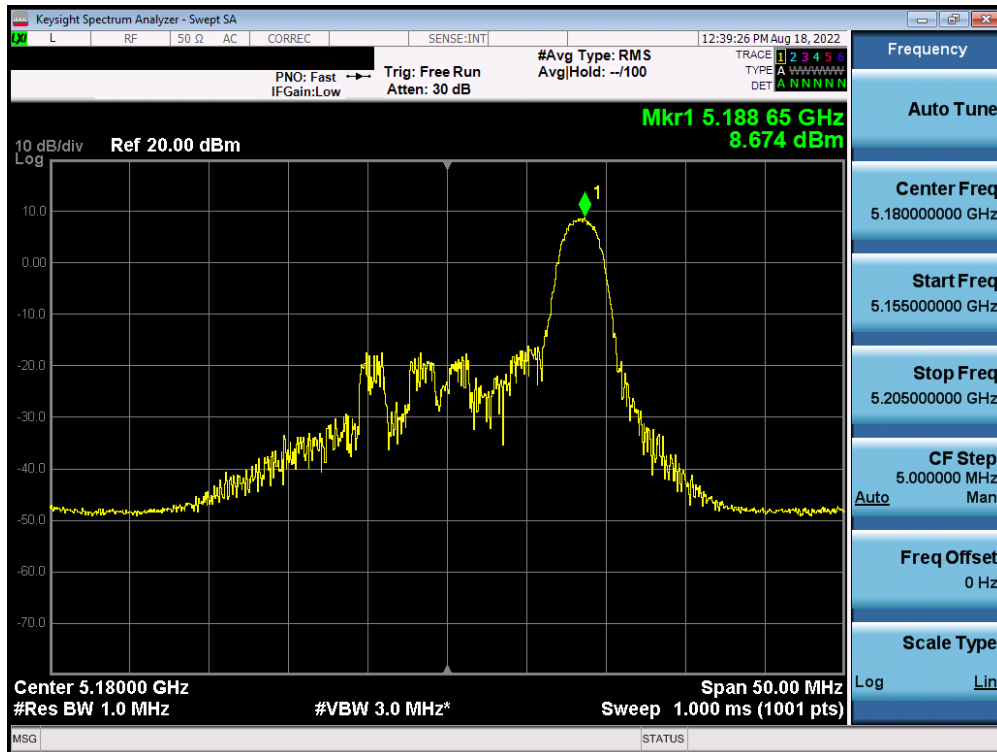
FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 149 of 309

SISO Antenna-2 Power Spectral Density Measurements (26 Tones)

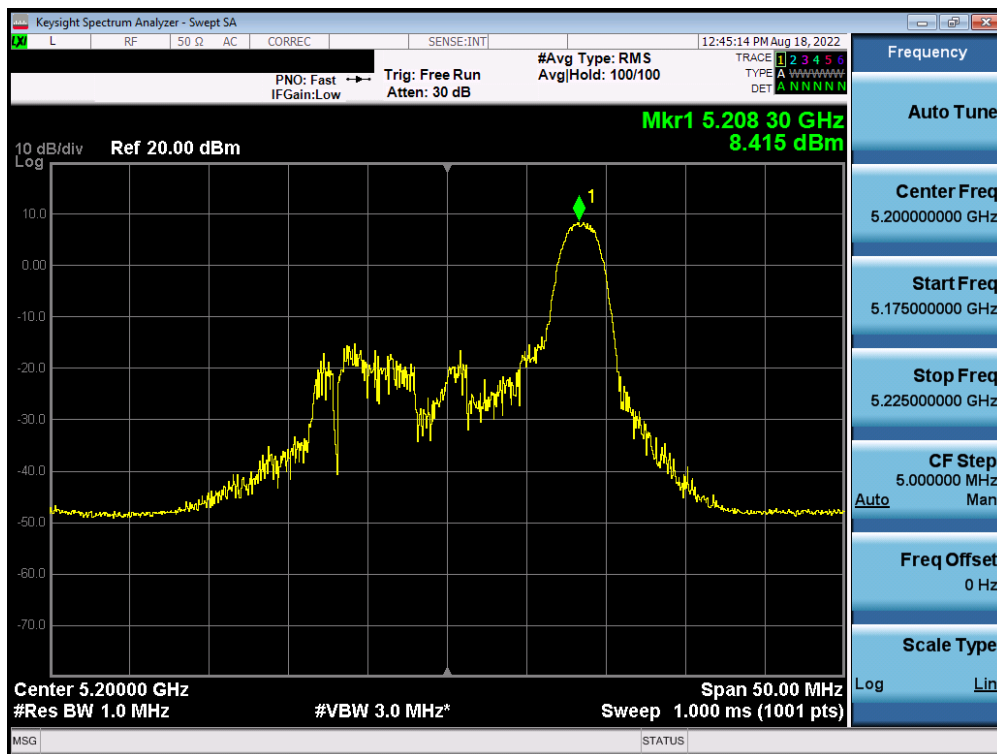
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26T	MCS0	8.67	11.0	-2.33
	5200	40	ax (20MHz)	26T	MCS0	8.42	11.0	-2.59
	5240	48	ax (20MHz)	26T	MCS0	8.50	11.0	-2.50
	5190	38	ax (40MHz)	26T	MCS0	8.40	11.0	-2.60
	5230	46	ax (40MHz)	26T	MCS0	8.34	11.0	-2.66
	5210	42	ax (80MHz)	26T	MCS0	8.91	11.0	-2.10
Band 1/2A	5250	50	ax (160MHz) L	26T	MCS0	7.31	11.0	-3.69
	5250	50	ax (160MHz) U	26T	MCS0	8.22	11.0	-2.78
Band 2A	5260	52	ax (20MHz)	26T	MCS0	9.27	11.0	-1.73
	5280	56	ax (20MHz)	26T	MCS0	9.13	11.0	-1.87
	5320	64	ax (20MHz)	26T	MCS0	9.30	11.0	-1.70
	5270	54	ax (40MHz)	26T	MCS0	8.57	11.0	-2.43
	5310	62	ax (40MHz)	26T	MCS0	8.63	11.0	-2.37
	5290	58	ax (80MHz)	26T	MCS0	8.48	11.0	-2.52
Band 2C	5500	100	ax (20MHz)	26T	MCS0	8.64	11.0	-2.36
	5600	120	ax (20MHz)	26T	MCS0	8.59	11.0	-2.41
	5720	144	ax (20MHz)	26T	MCS0	9.69	11.0	-1.31
	5510	102	ax (40MHz)	26T	MCS0	9.22	11.0	-1.78
	5590	118	ax (40MHz)	26T	MCS0	9.42	11.0	-1.58
	5710	142	ax (40MHz)	26T	MCS0	8.86	11.0	-2.14
	5530	106	ax (80MHz)	26T	MCS0	9.30	11.0	-1.70
	5610	122	ax (80MHz)	26T	MCS0	9.47	11.0	-1.53
	5690	138	ax (80MHz)	26T	MCS0	8.92	11.0	-2.08
	5570	114	ax (160MHz) L	26T	MCS0	7.75	11.0	-3.26
5570	114	ax (160MHz) U	26T	MCS0	8.45	11.0	-2.56	

Table 7-98. Conducted Power Spectral Density Measurements SISO ANT2 (26 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 150 of 309

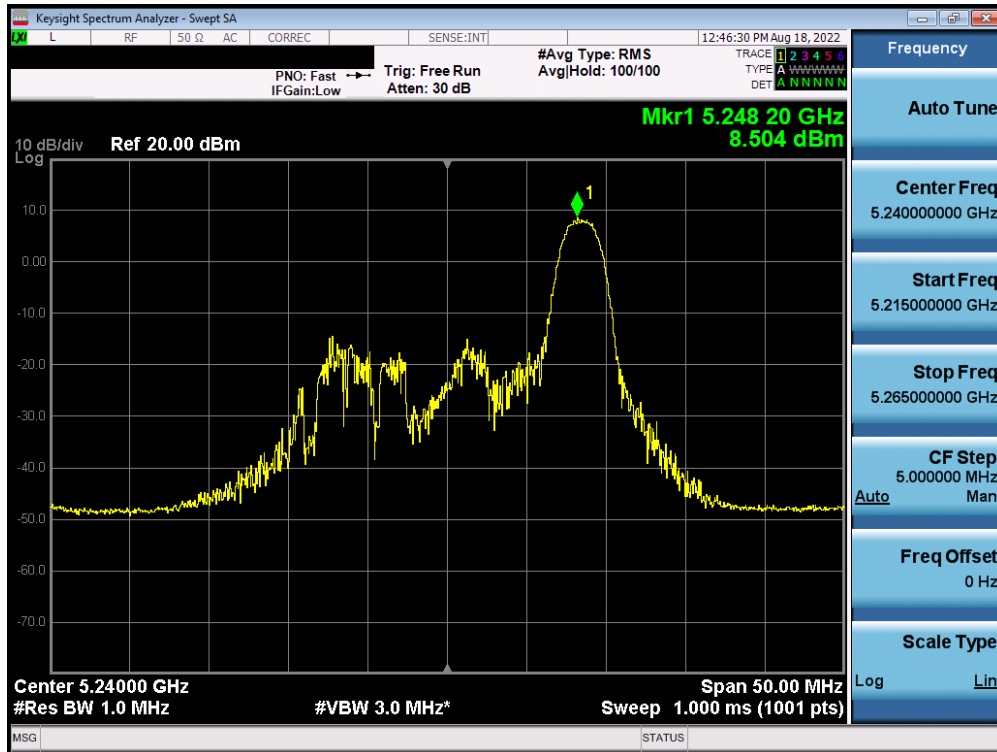


Plot 7-177. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 36)

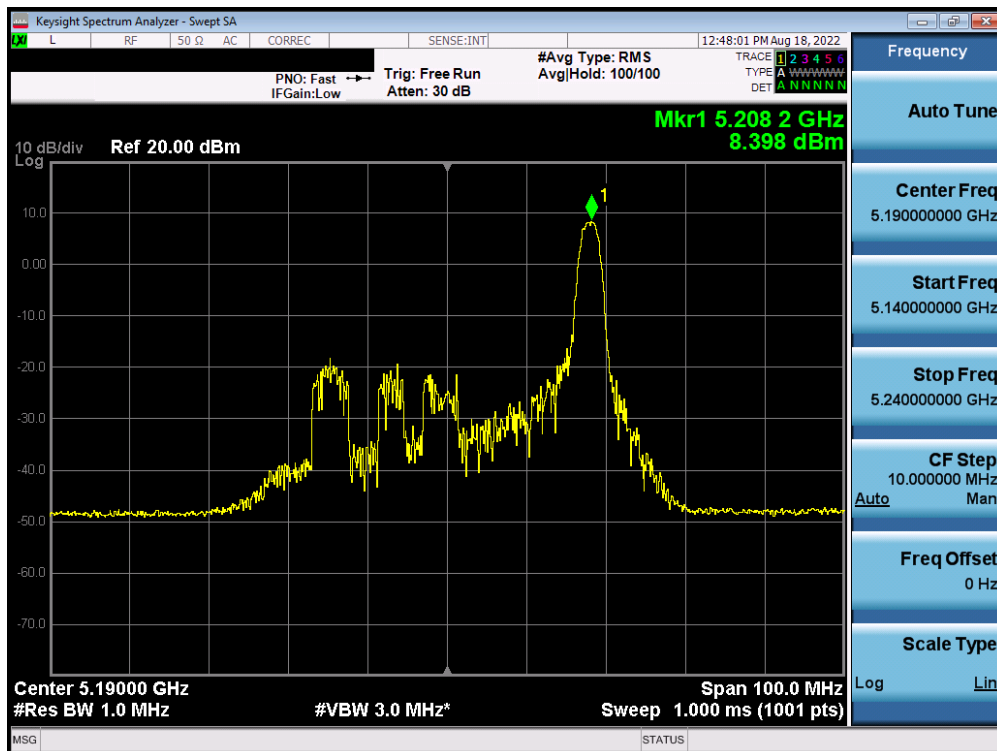


Plot 7-178. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 40)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 151 of 309

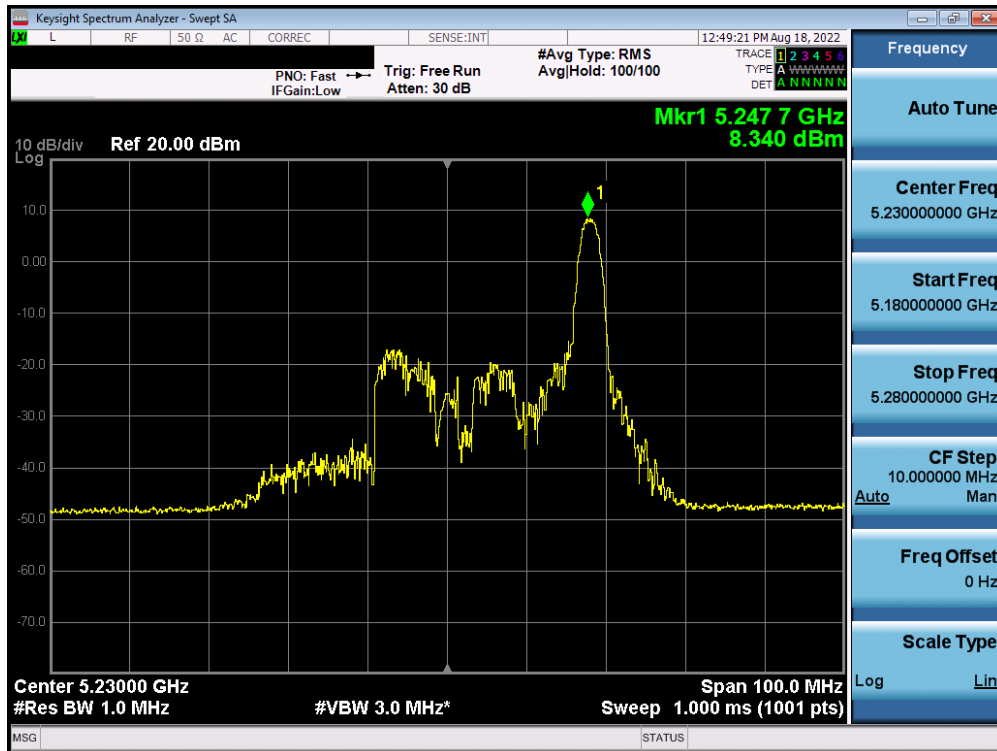


Plot 7-179. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 48)

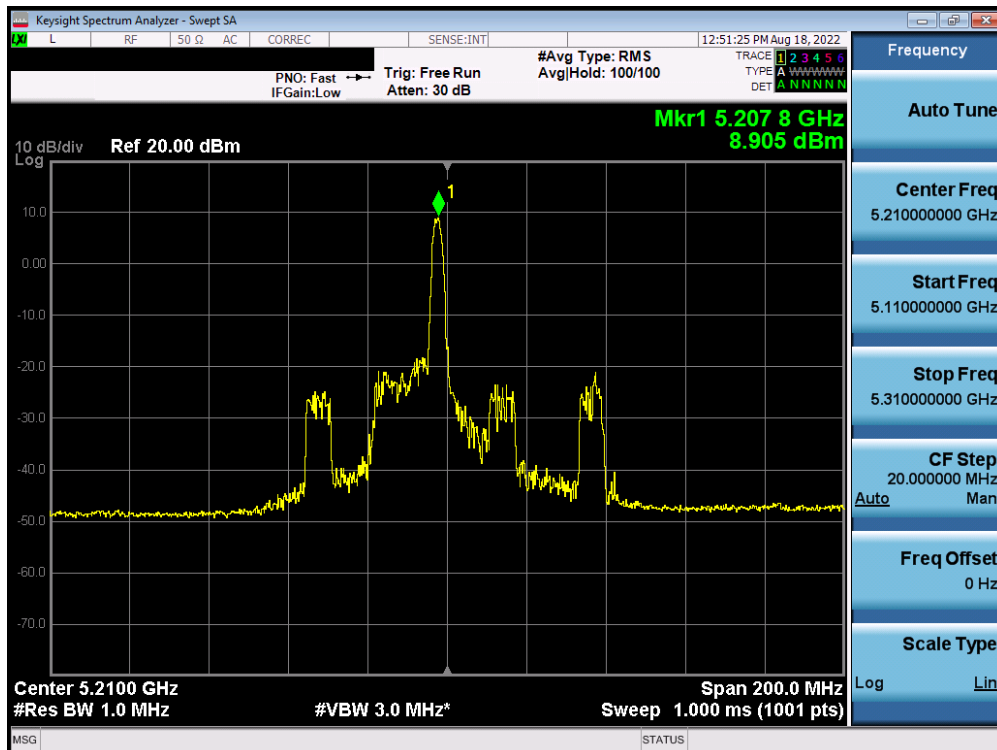


Plot 7-180. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 38)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 152 of 309

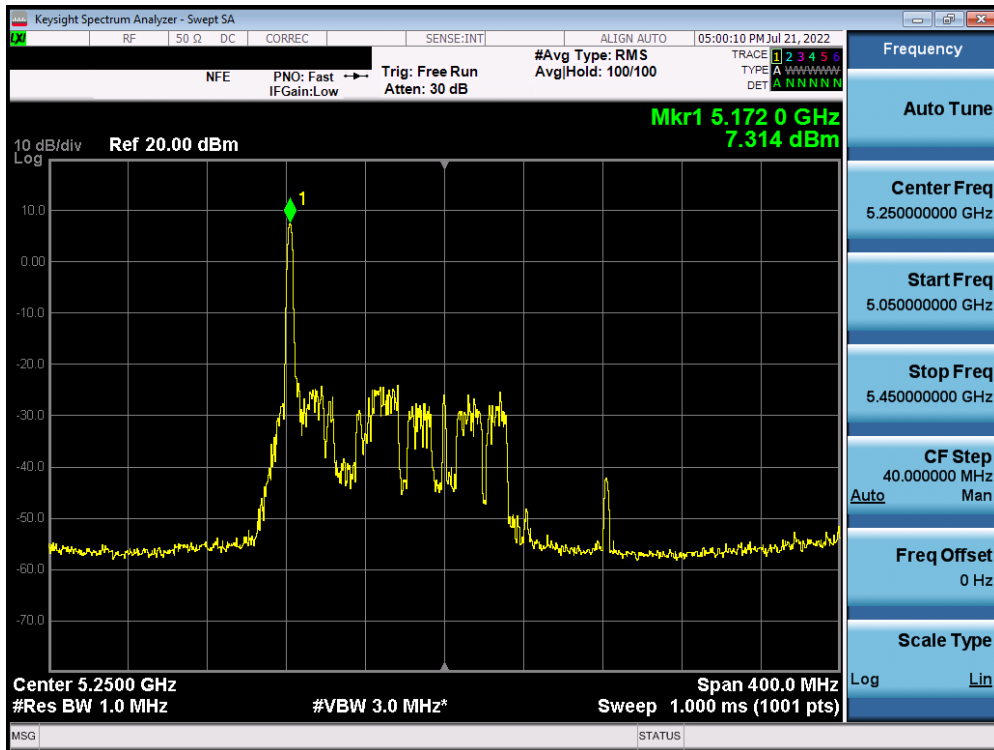


Plot 7-181. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 46)

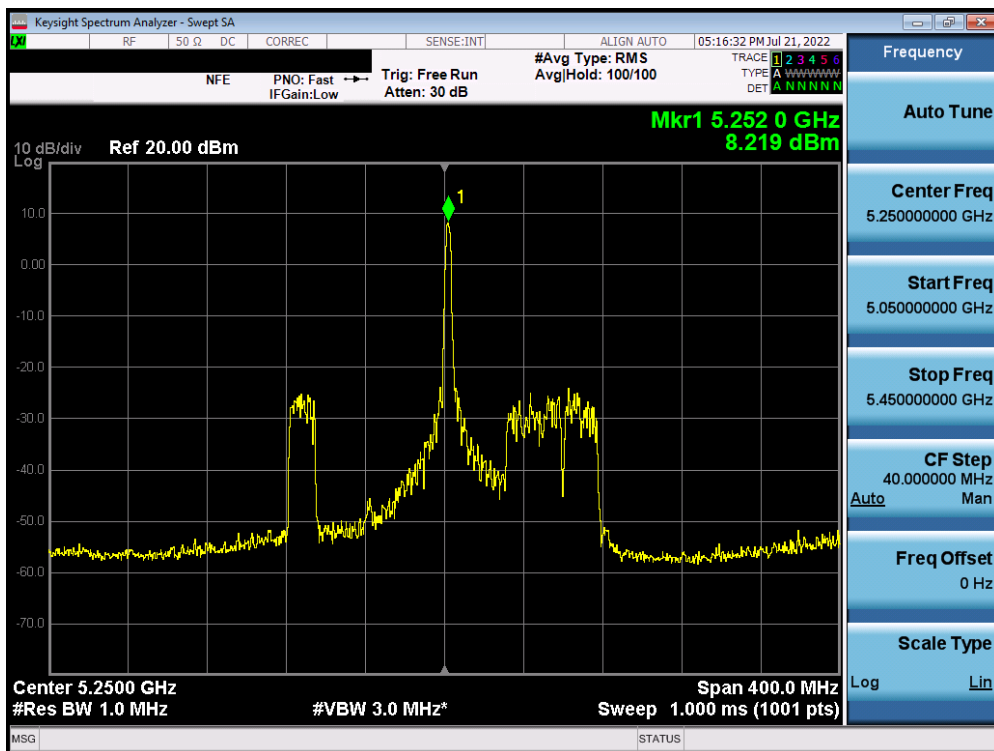


Plot 7-182. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 42)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 153 of 309	

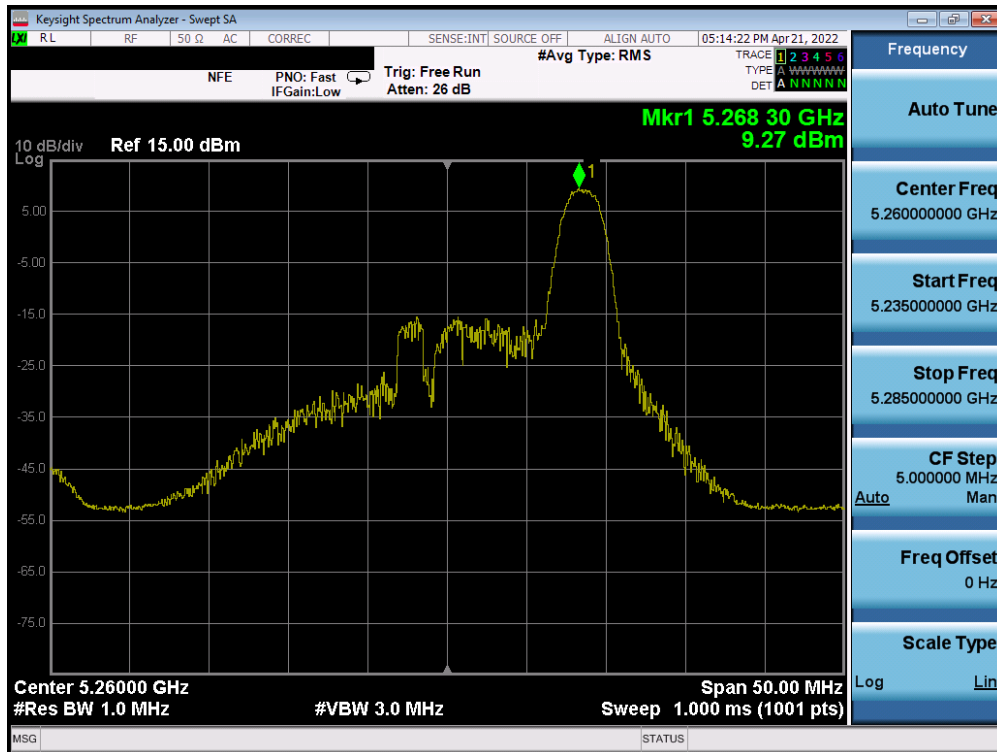


Plot 7-183. Power Spectral Density Plot SISO ANT2 (160MHz [L] BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

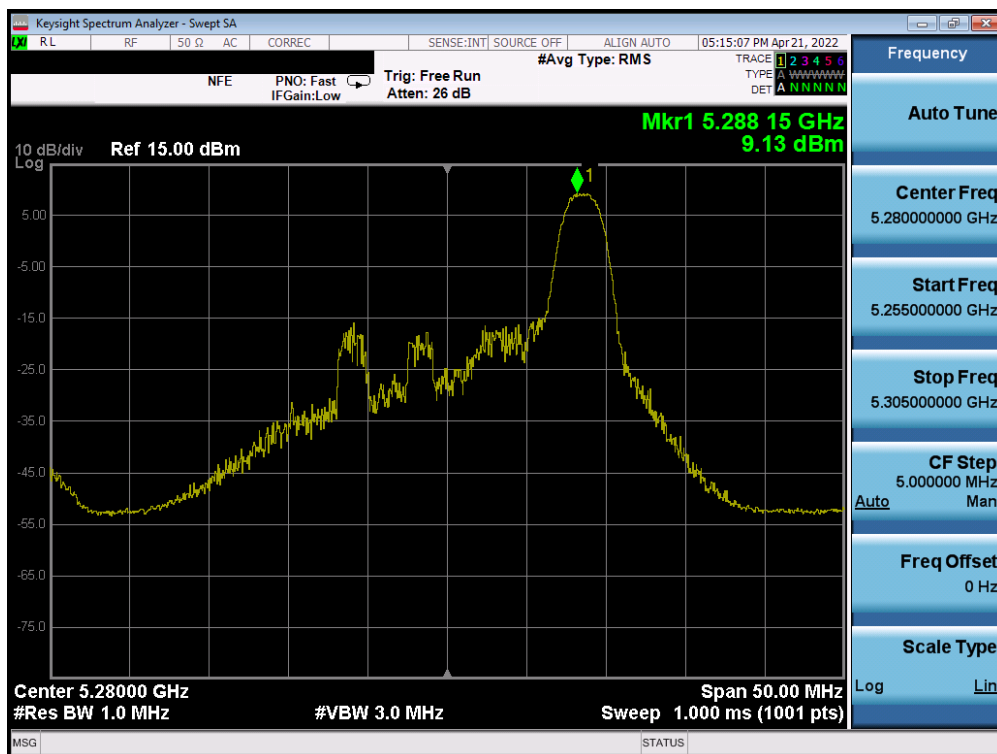


Plot 7-184. Power Spectral Density Plot SISO ANT2 (160MHz [U] BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

MEASUREMENT REPORT (CERTIFICATION)			Approved by:
FCC ID: C3K1997			Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 154 of 309
1M2204040049-16-R2.C3K	3/14/2022-8/18/2022	Portable Computing Device	

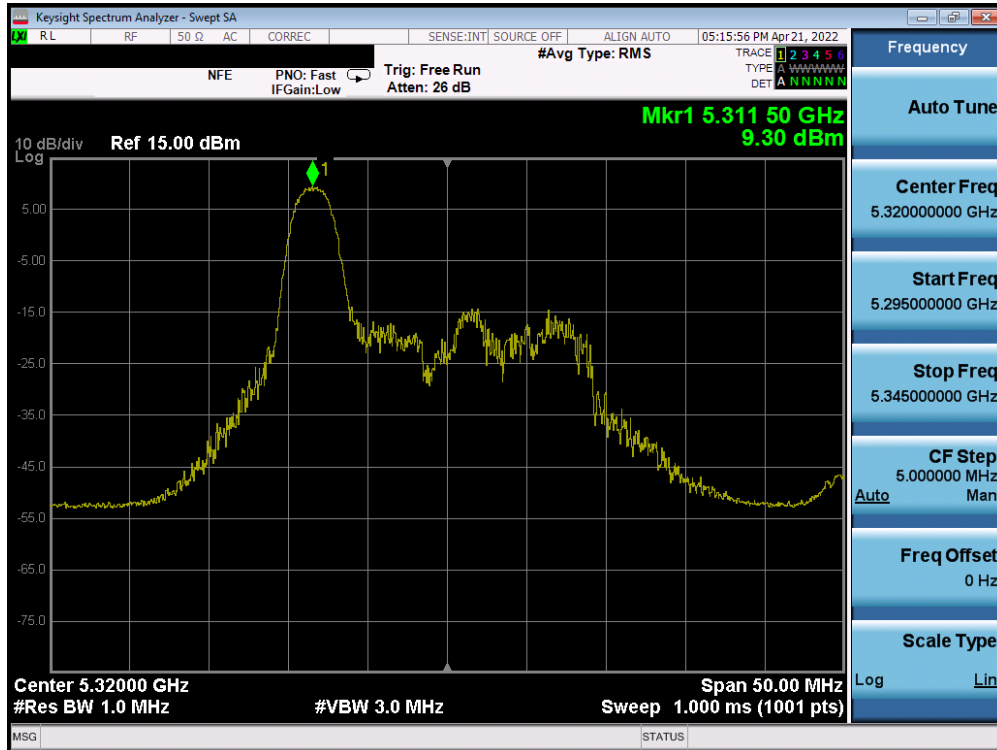


Plot 7-185. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 52)

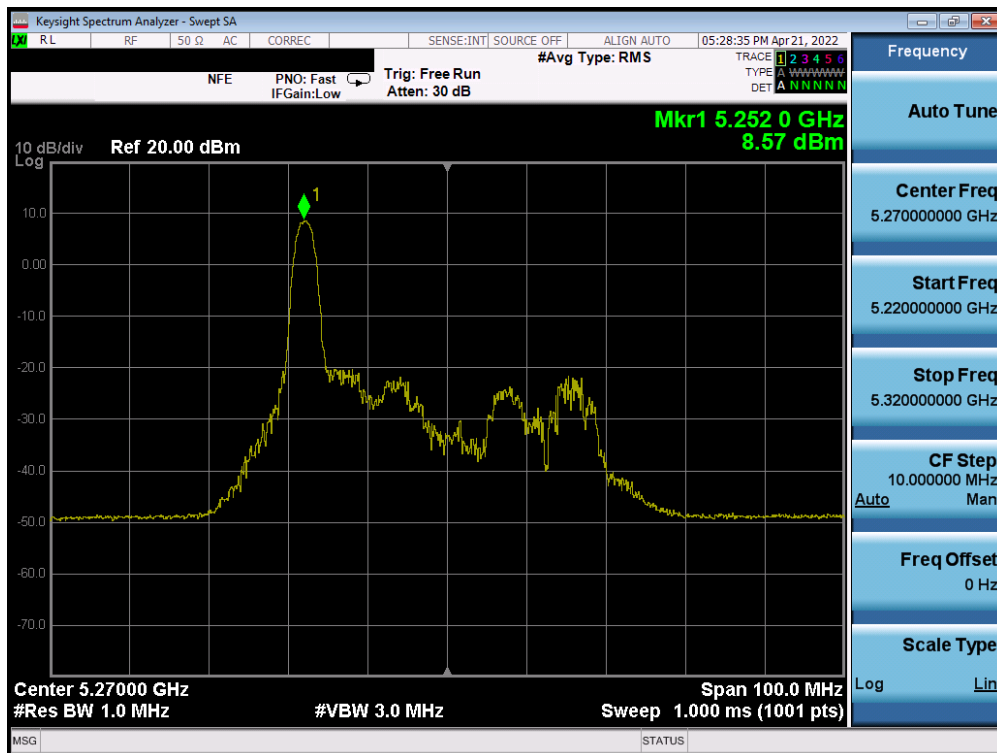


Plot 7-186. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 56)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 155 of 309

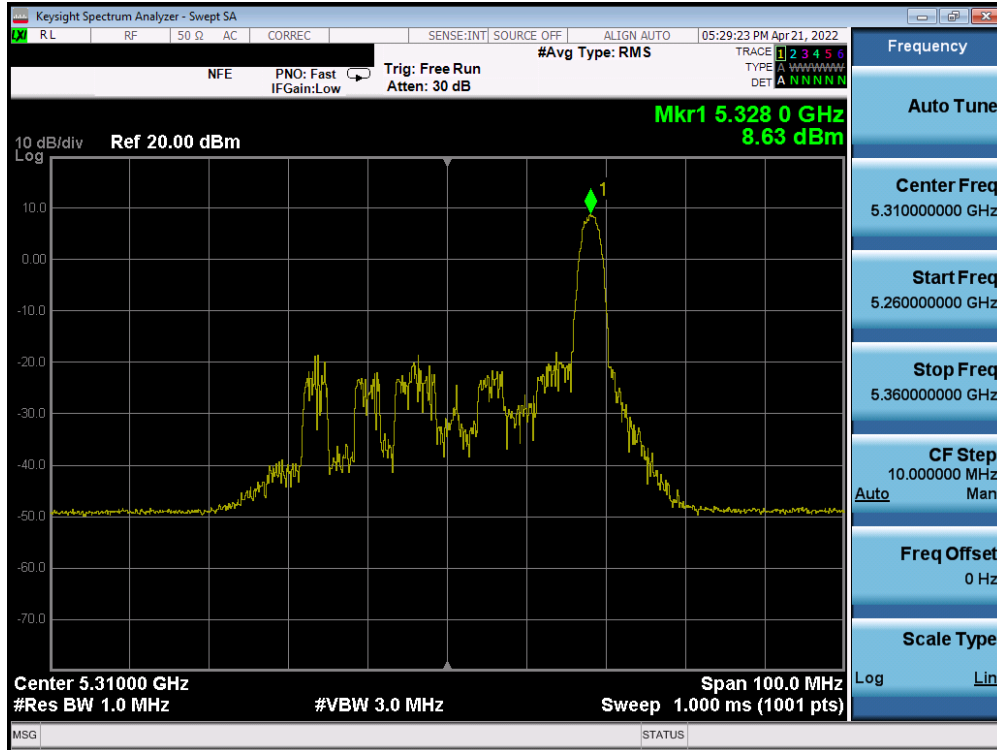


Plot 7-187. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 64)

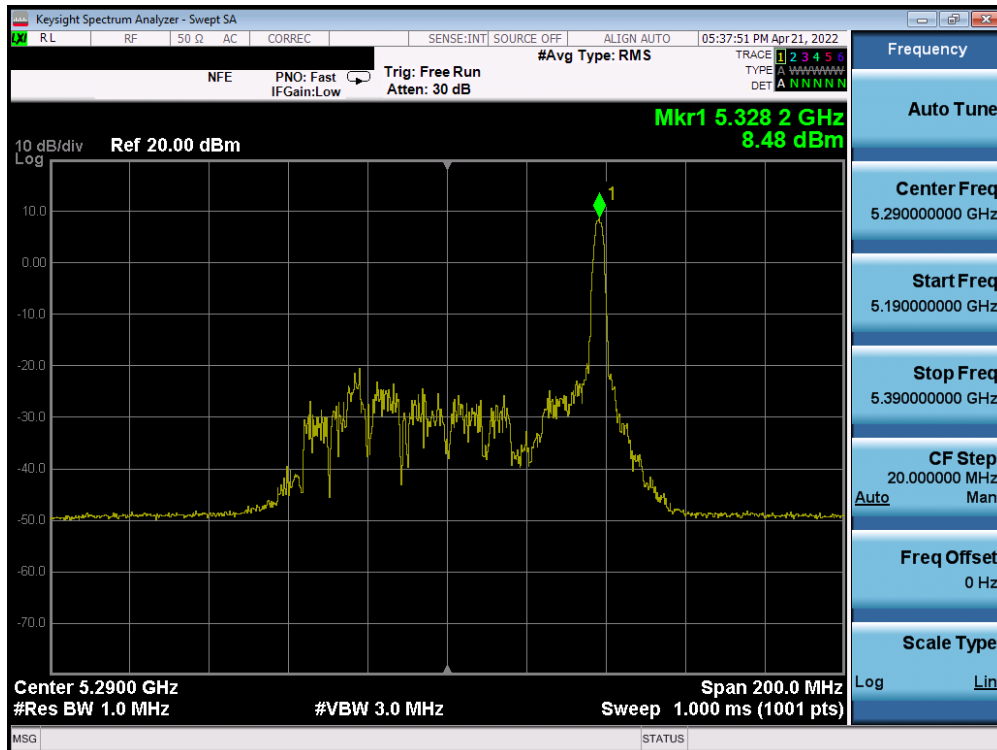


Plot 7-188. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 54)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 156 of 309

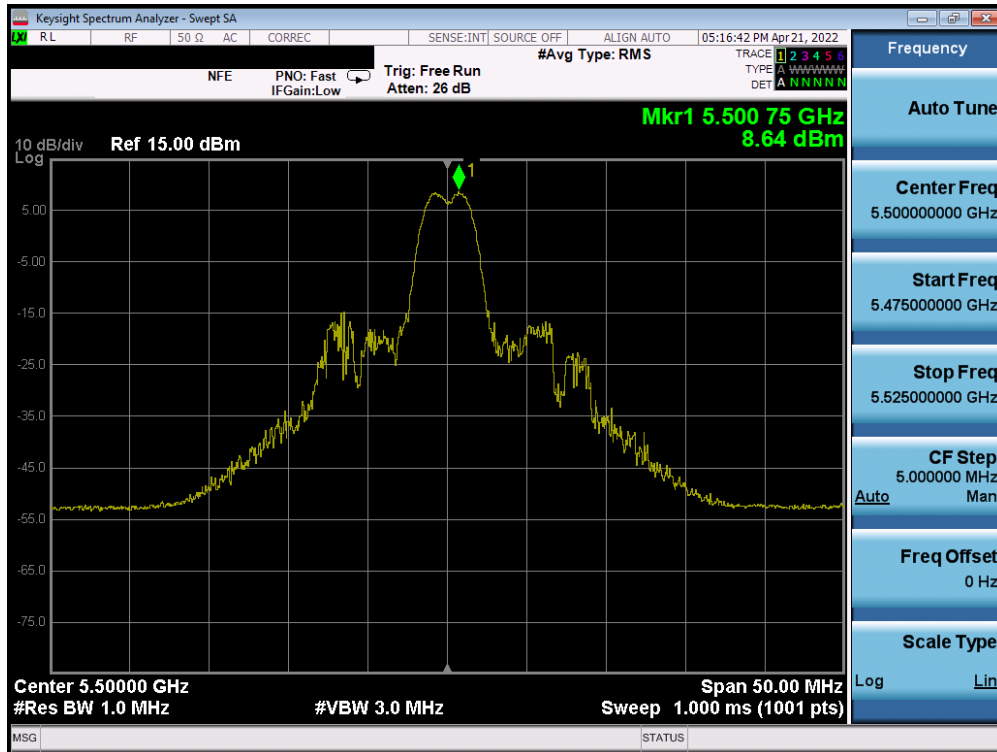


Plot 7-189. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 62)

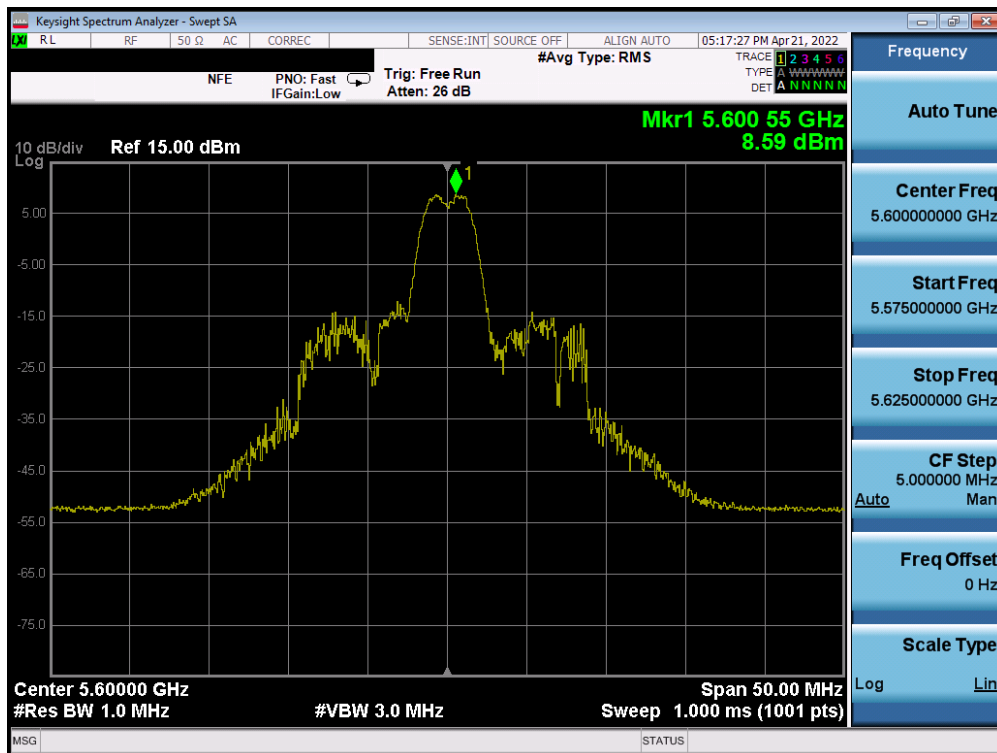


Plot 7-190. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 58)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 157 of 309

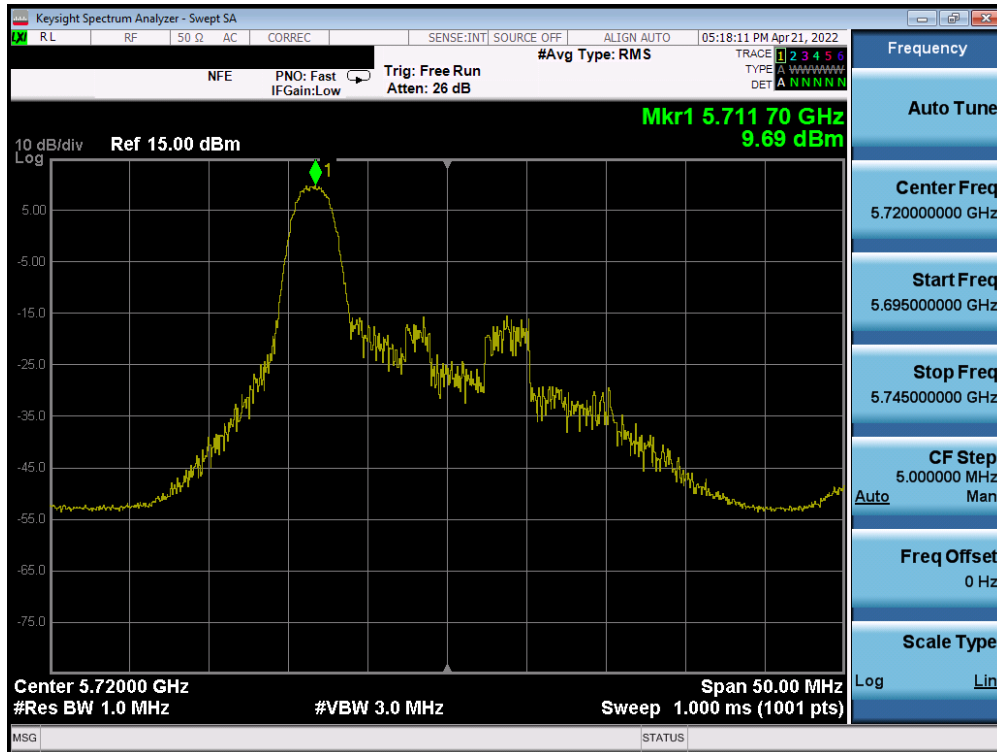


Plot 7-191. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 100)

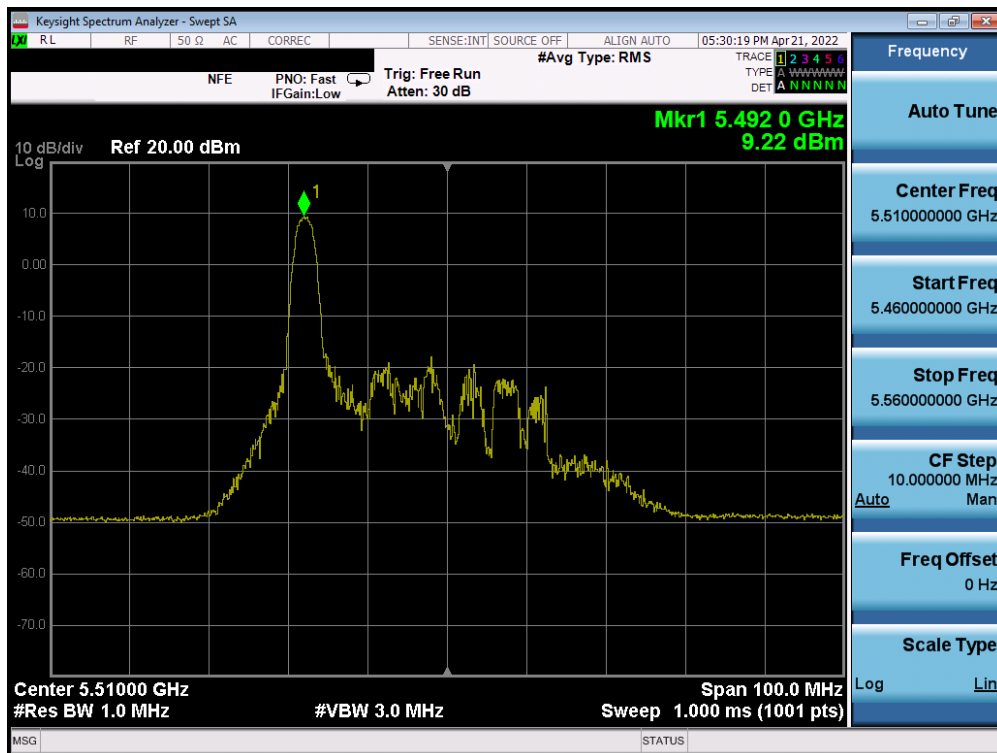


Plot 7-192. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 120)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 158 of 309

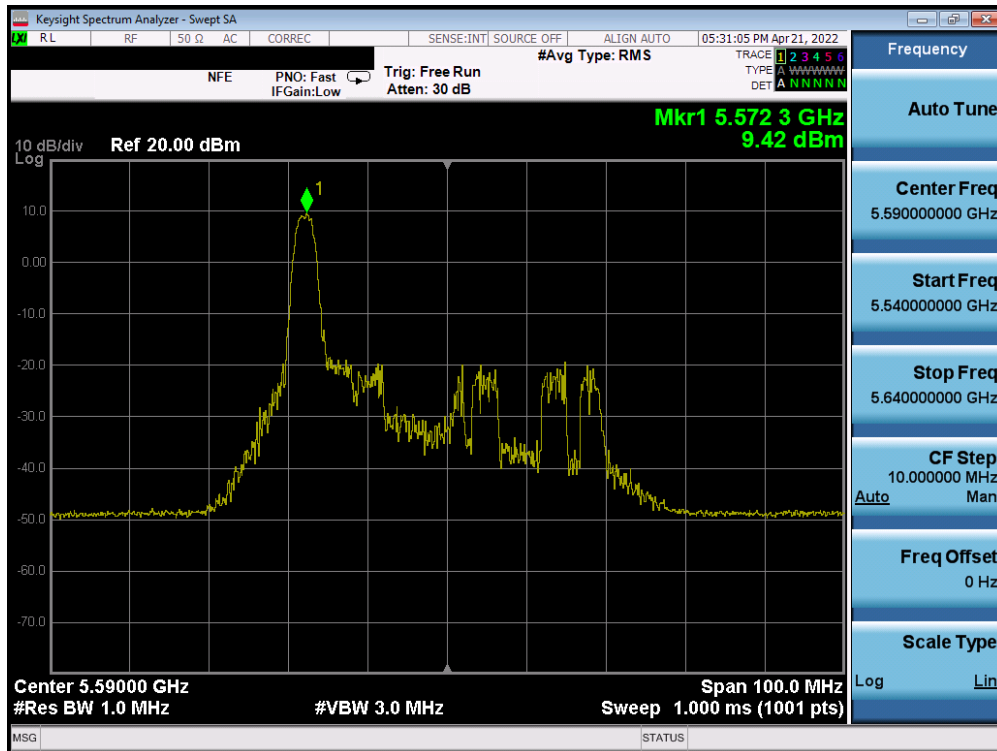


Plot 7-193. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 144)

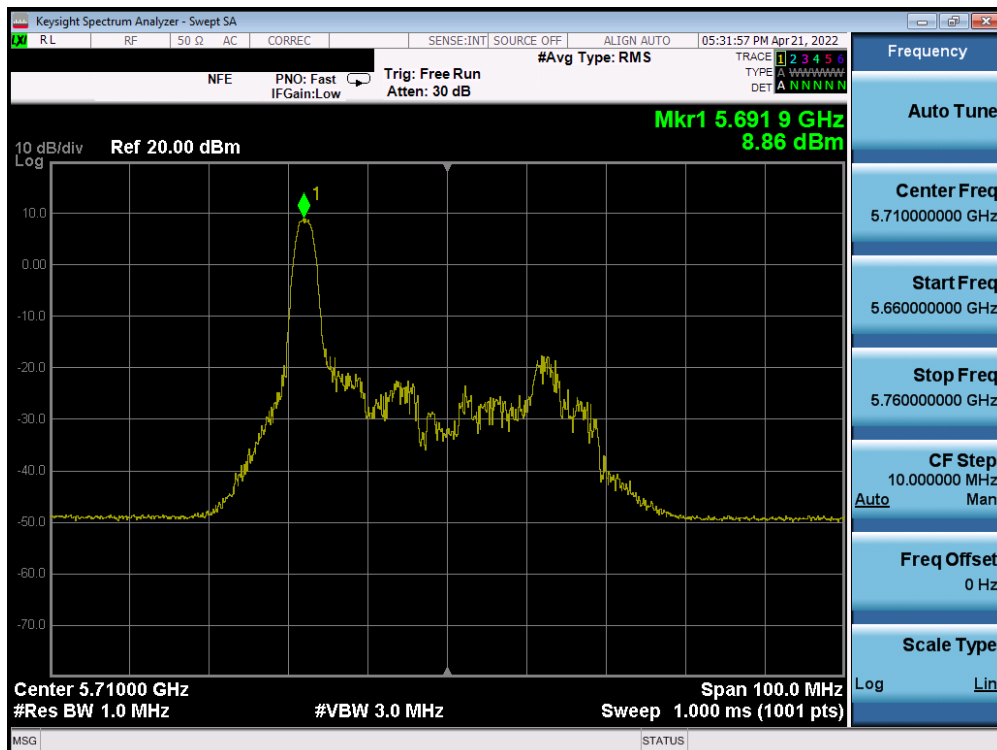


Plot 7-194. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 102)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 159 of 309



Plot 7-195. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 118)

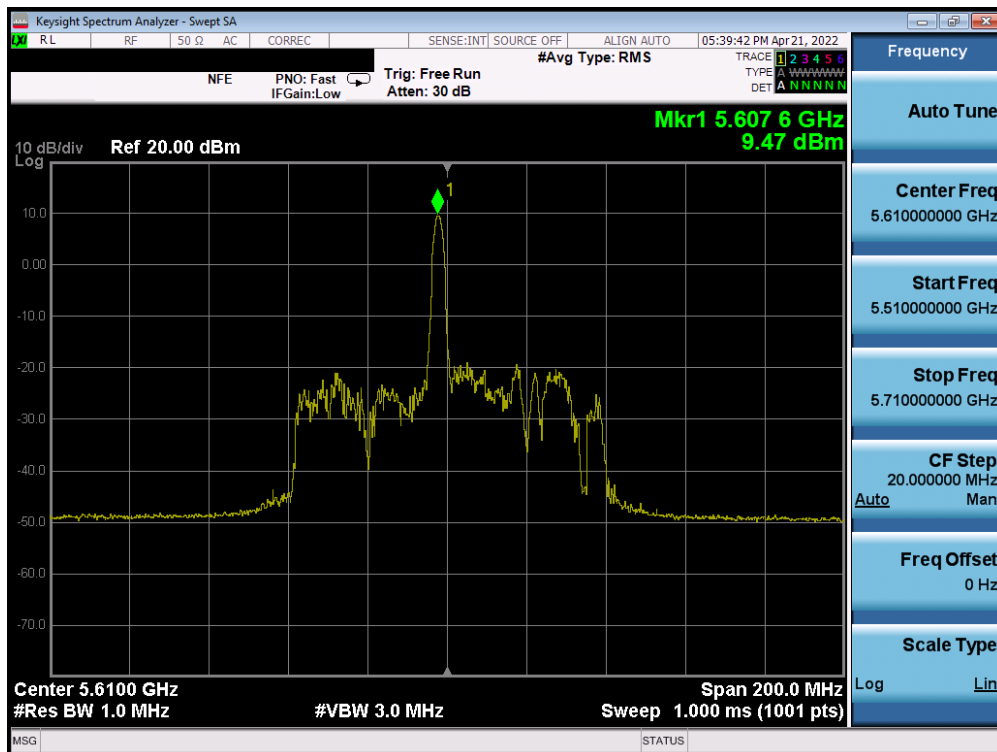


Plot 7-196. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 142)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 160 of 309	

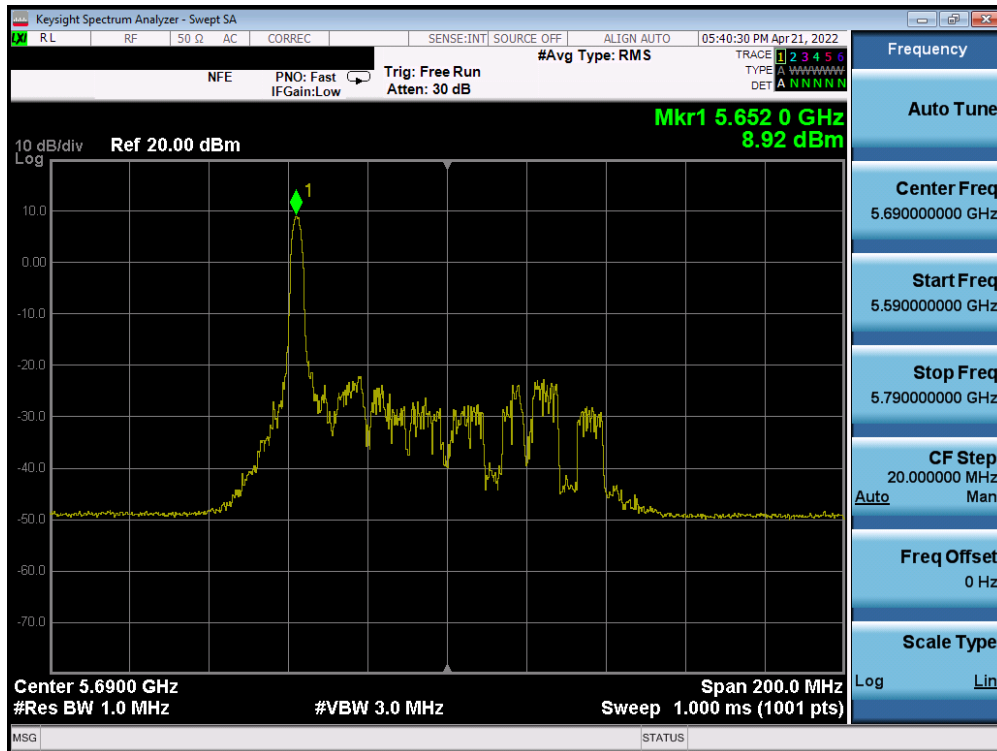


Plot 7-197. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 106)

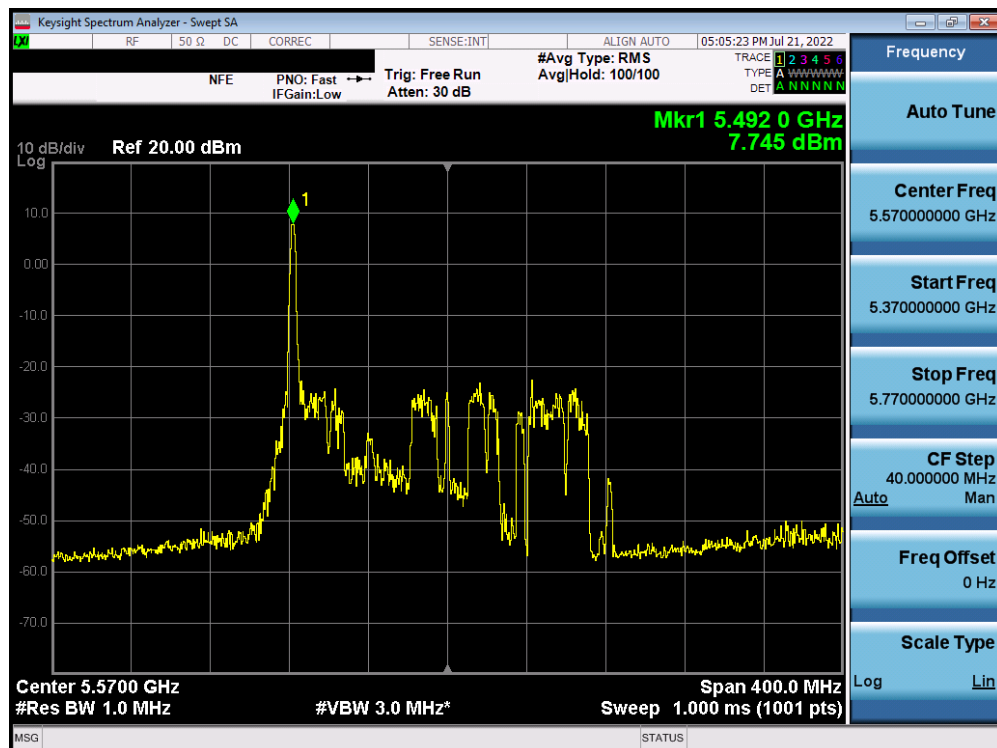


Plot 7-198. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 122)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 161 of 309	

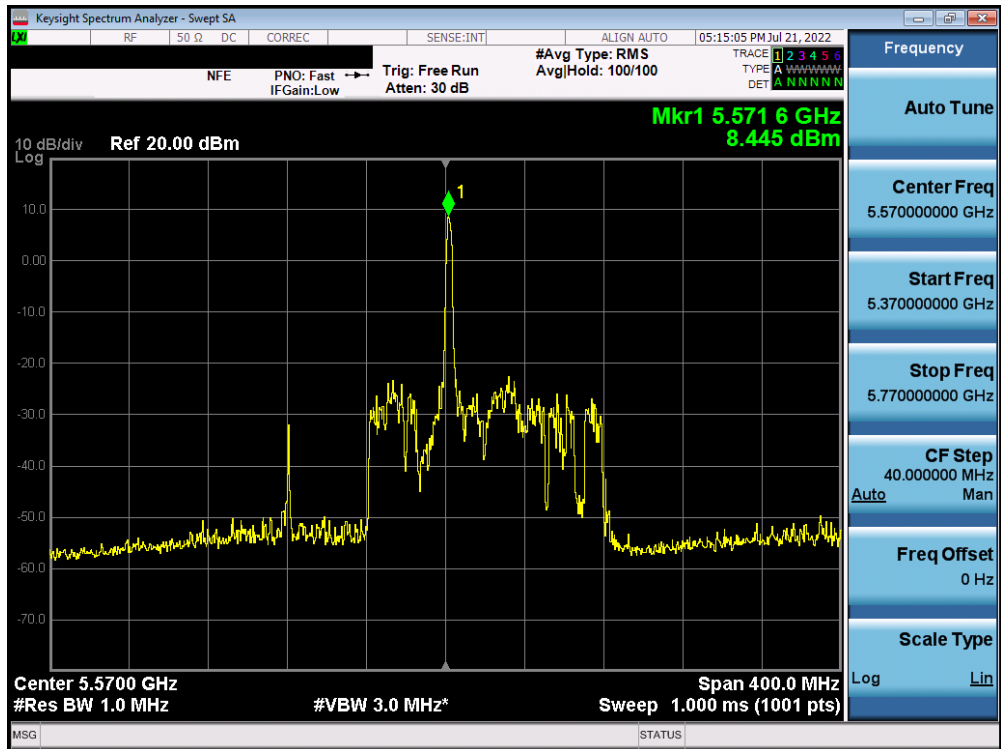


Plot 7-199. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 138)



Plot 7-200. Power Spectral Density Plot SISO ANT2 (160MHz [L] BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 162 of 309	



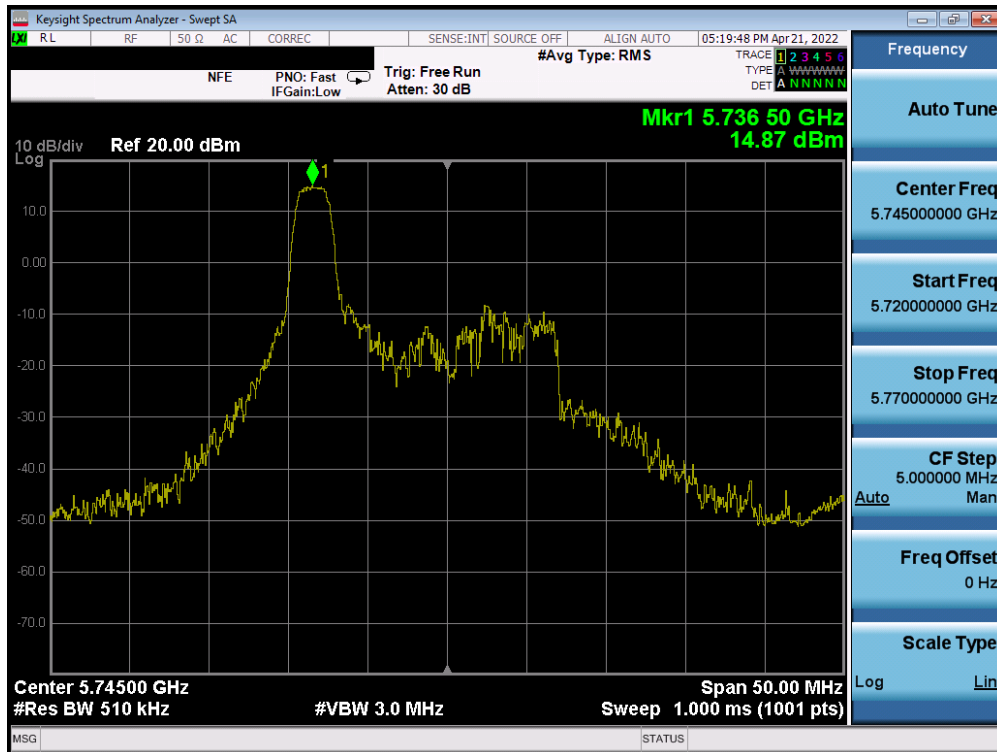
Plot 7-201. Power Spectral Density Plot SISO ANT2 (160MHz [U] BW 802.11 ax – 26 Tones (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 163 of 309

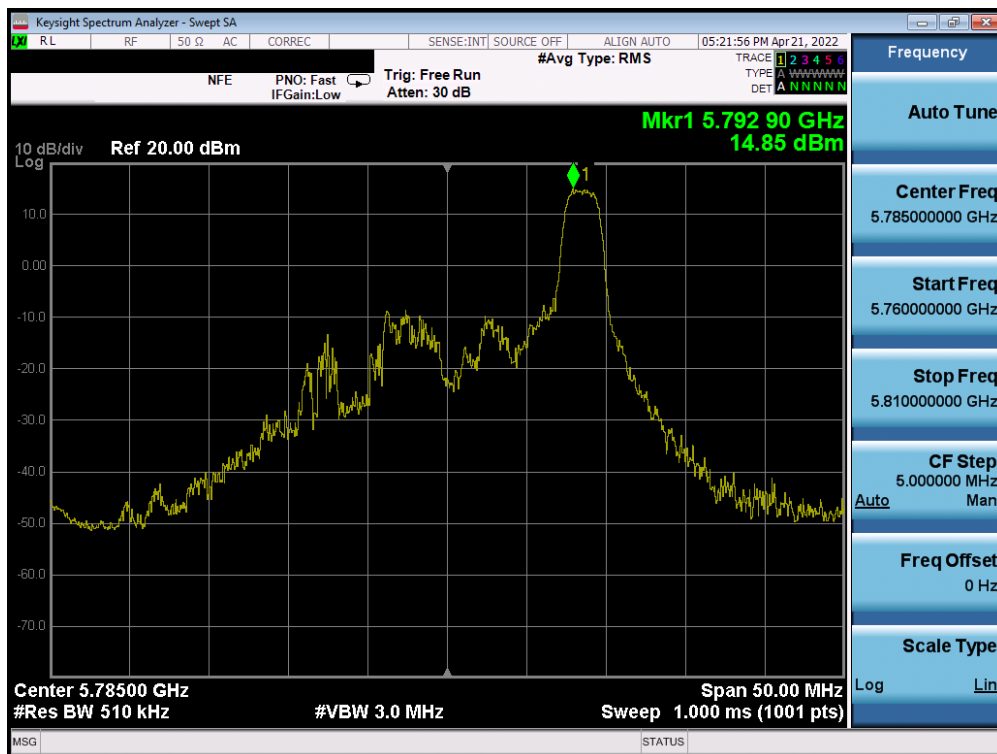
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density	Margin [dB]
Band 3	5745	149	ax (20MHz)	26T	MCS0	14.87	30.00	-15.13
	5785	157	ax (20MHz)	26T	MCS0	14.85	30.00	-15.16
	5825	165	ax (20MHz)	26T	MCS0	14.67	30.00	-15.33
	5755	151	ax (40MHz)	26T	MCS0	14.37	30.00	-15.63
	5795	159	ax (40MHz)	26T	MCS0	14.18	30.00	-15.82
	5775	155	ax (80MHz)	26T	MCS0	14.48	30.00	-15.52

Table 7-99. Band 3 Conducted Power Spectral Density Measurements SISO ANT2 (26 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 164 of 309

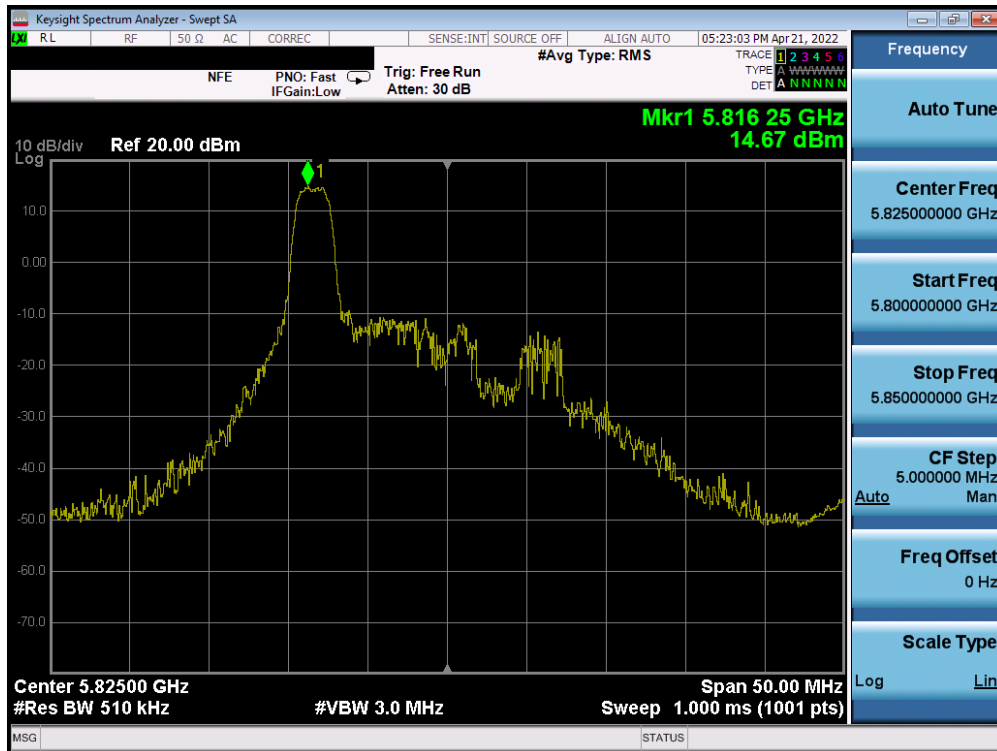


Plot 7-202. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 149)



Plot 7-203. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 157)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 165 of 309

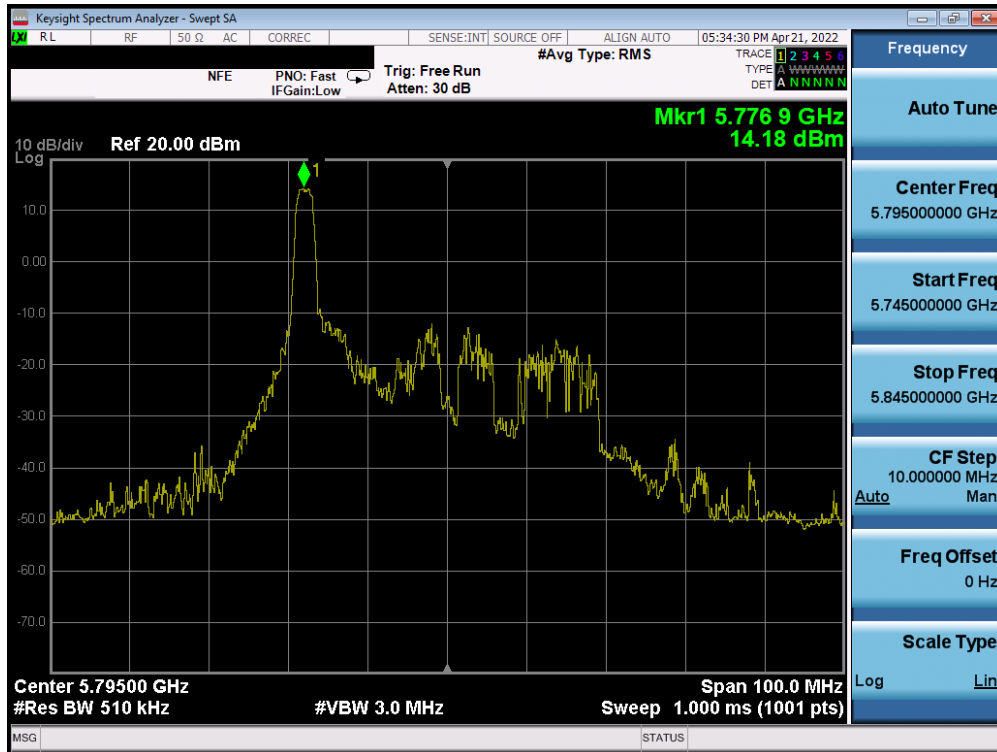


Plot 7-204. Power Spectral Density Plot SISO ANT2 (20 MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 165)

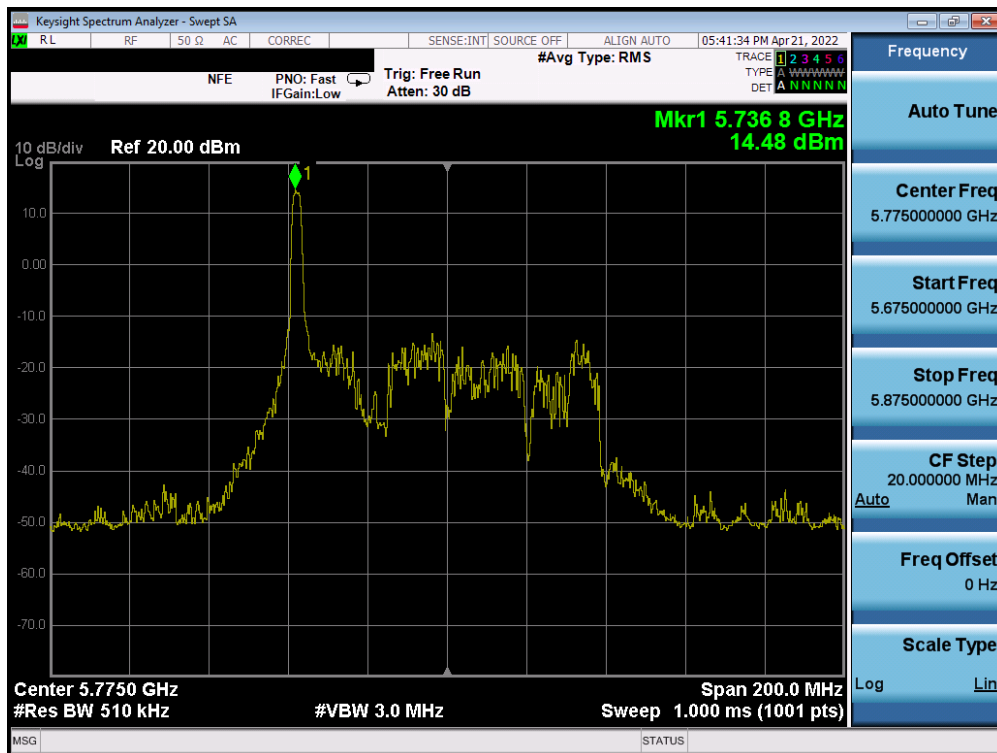


Plot 7-205. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 166 of 309



Plot 7-206. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 159)



Plot 7-207. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 155)

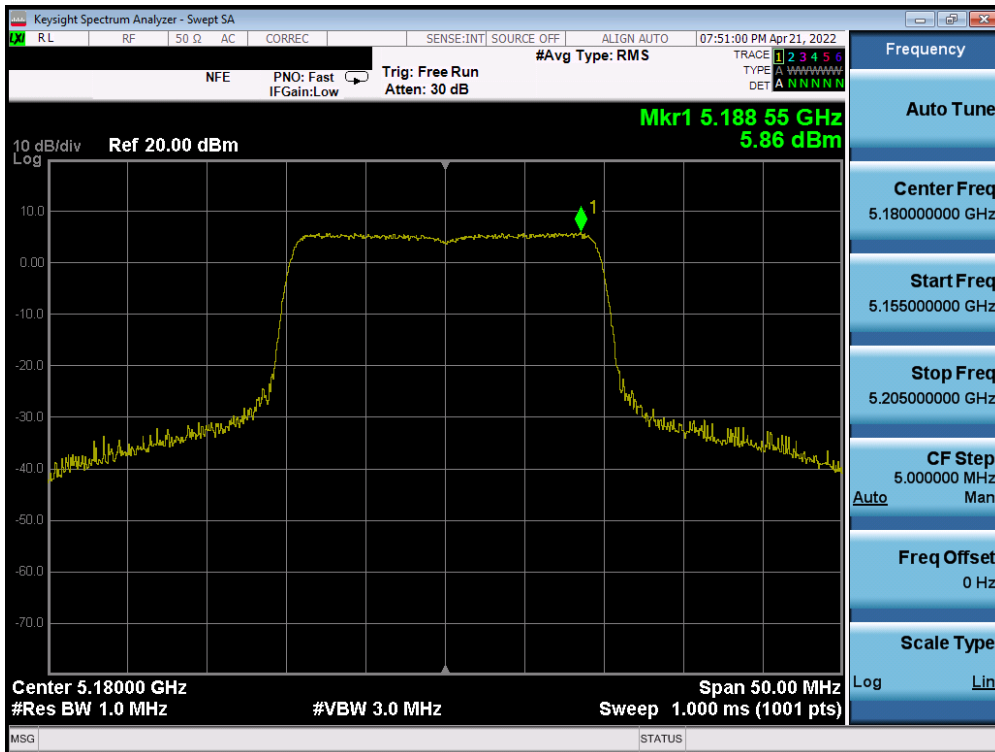
FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 167 of 309

SISO Antenna-2 Power Spectral Density Measurements (Full Tones)

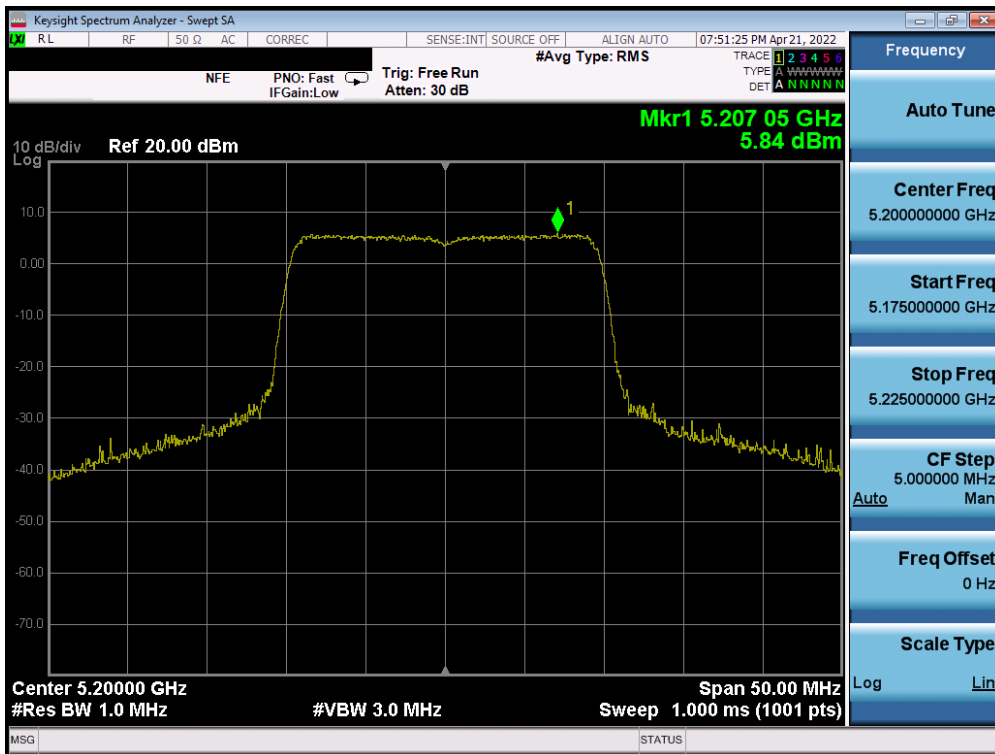
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242T	MCS0	5.86	11.0	-5.14
	5200	40	ax (20MHz)	242T	MCS0	5.85	11.0	-5.16
	5240	48	ax (20MHz)	242T	MCS0	5.93	11.0	-5.07
	5190	38	ax (40MHz)	484T	MCS0	2.58	11.0	-8.42
	5230	46	ax (40MHz)	484T	MCS0	2.53	11.0	-8.47
	5210	42	ax (80MHz)	996T	MCS0	-1.32	11.0	-12.32
Band 1/2A	5250	50	ax (160MHz)	996T	MCS0	-7.18	11.0	-18.18
Band 2A	5260	52	ax (20MHz)	242T	MCS0	9.81	11.0	-1.19
	5280	56	ax (20MHz)	242T	MCS0	9.60	11.0	-1.40
	5320	64	ax (20MHz)	242T	MCS0	9.35	11.0	-1.65
	5270	54	ax (40MHz)	484T	MCS0	5.71	11.0	-5.30
	5310	62	ax (40MHz)	484T	MCS0	3.51	11.0	-7.49
	5290	58	ax (80MHz)	996T	MCS0	0.12	11.0	-10.88
Band 2C	5500	100	ax (20MHz)	242T	MCS0	8.83	11.0	-2.17
	5600	120	ax (20MHz)	242T	MCS0	8.89	11.0	-2.11
	5720	144	ax (20MHz)	242T	MCS0	8.99	11.0	-2.01
	5510	102	ax (40MHz)	484T	MCS0	3.11	11.0	-7.89
	5590	118	ax (40MHz)	484T	MCS0	5.24	11.0	-5.76
	5710	142	ax (40MHz)	484T	MCS0	4.94	11.0	-6.06
	5530	106	ax (80MHz)	996T	MCS0	-0.85	11.0	-11.85
	5610	122	ax (80MHz)	996T	MCS0	1.39	11.0	-9.61
	5690	138	ax (80MHz)	996T	MCS0	1.37	11.0	-9.63
	5570	114	ax (160MHz)	996T	MCS0	-7.79	11.0	-18.79

Table 7-100. Conducted Power Spectral Density Measurements SISO ANT2 (Full Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 168 of 309

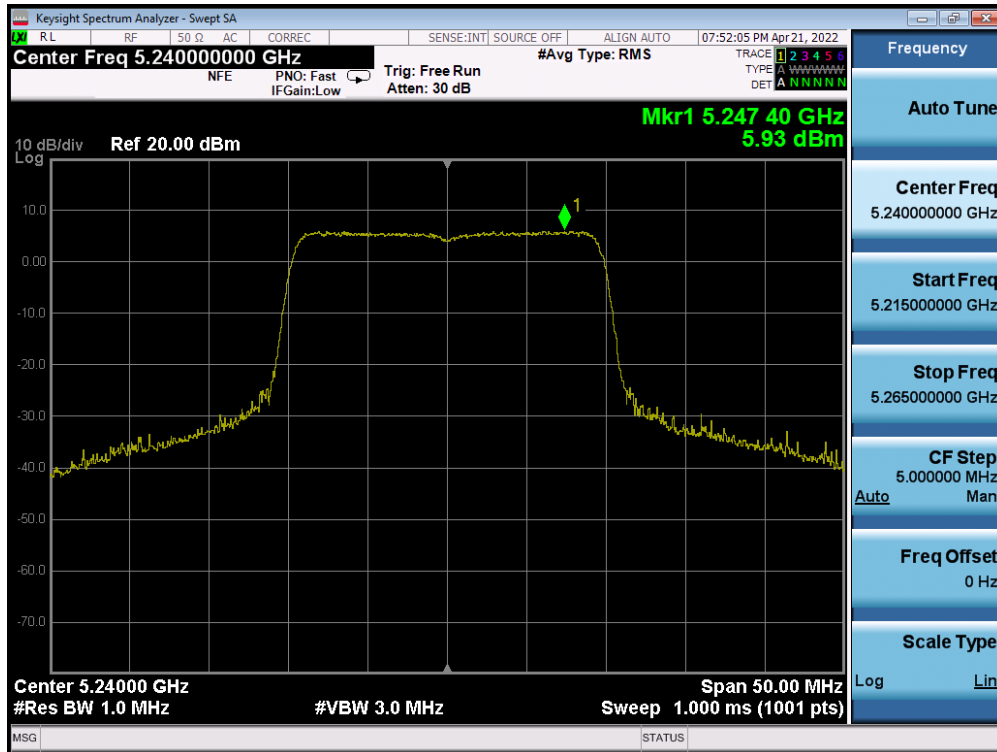


Plot 7-208. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 36)

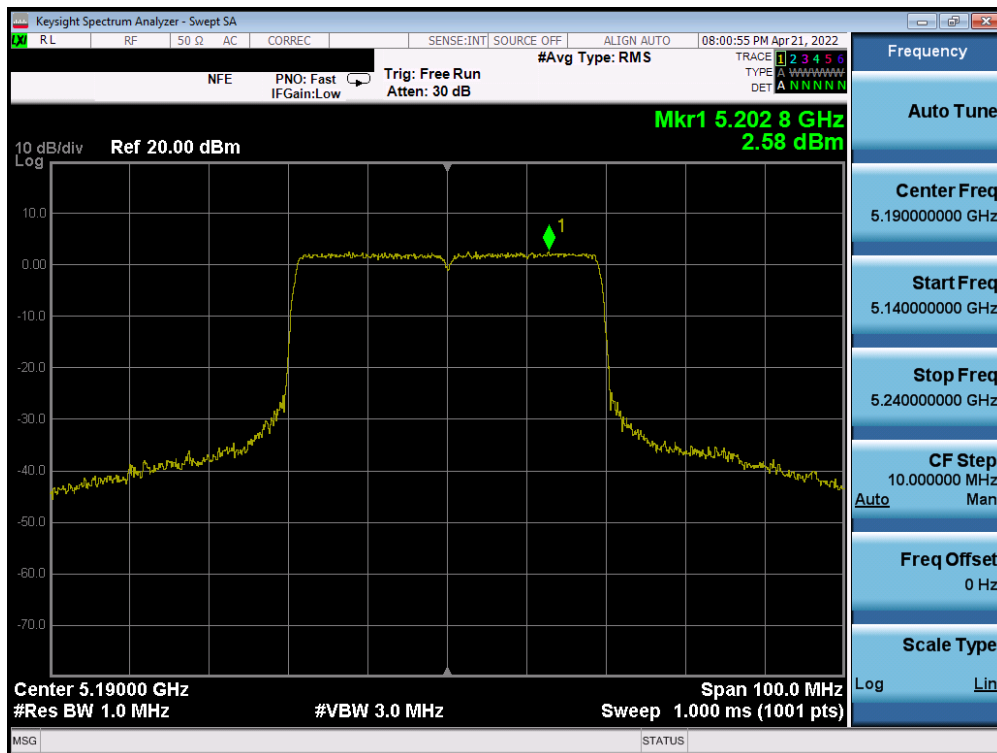


Plot 7-209. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 40)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 169 of 309

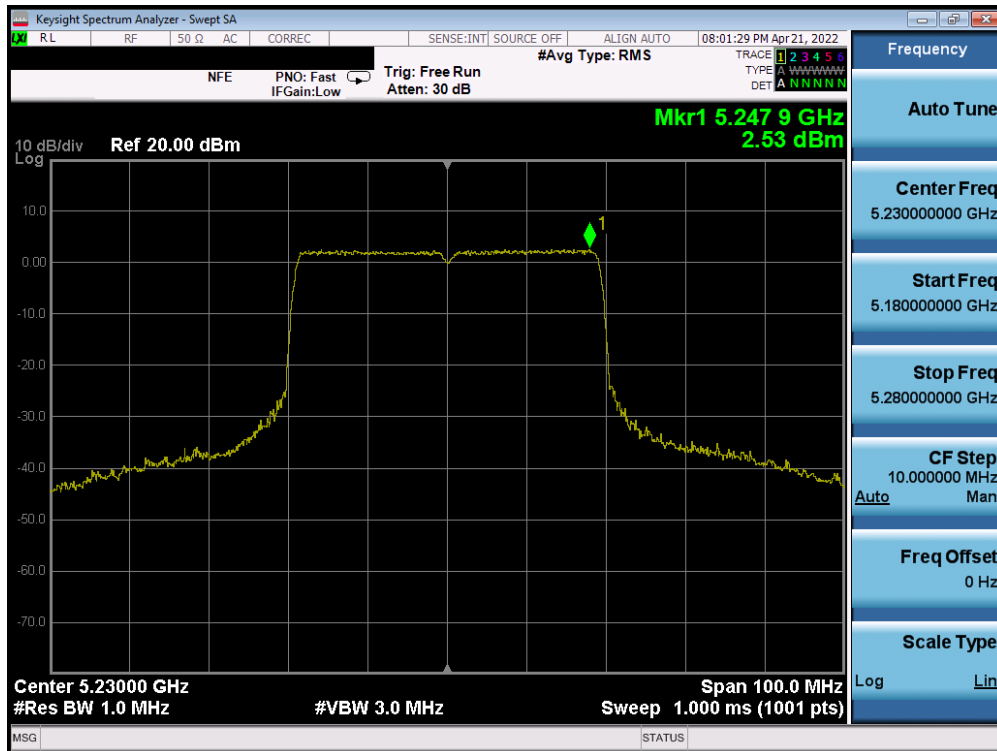


Plot 7-210. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 48)

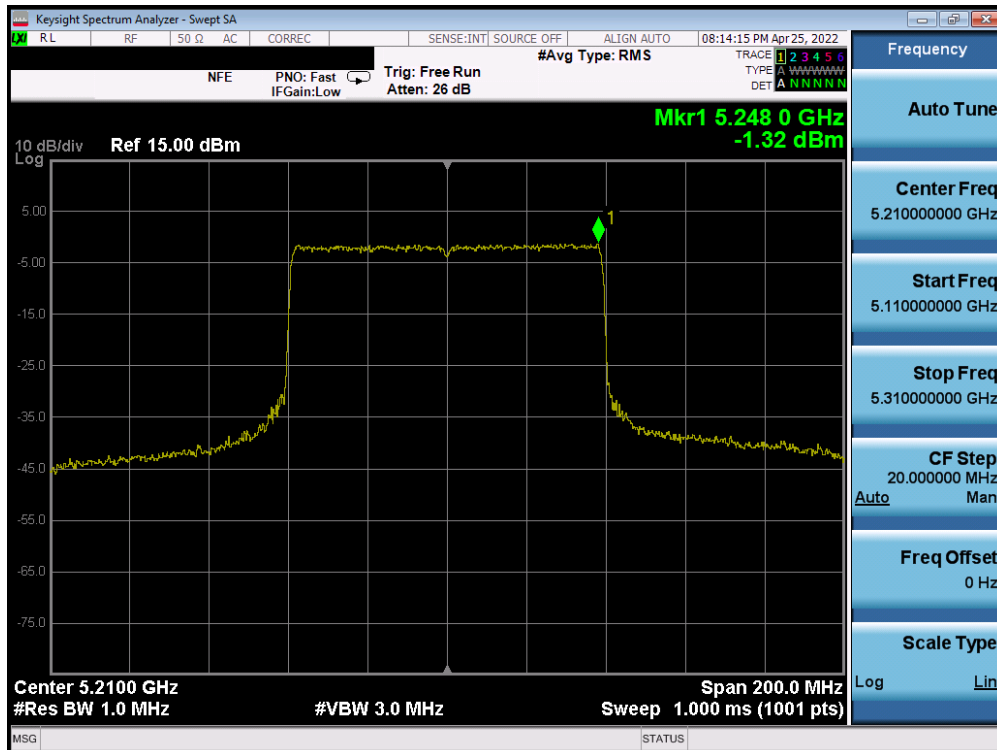


Plot 7-211. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 38)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 170 of 309



Plot 7-212. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 46)

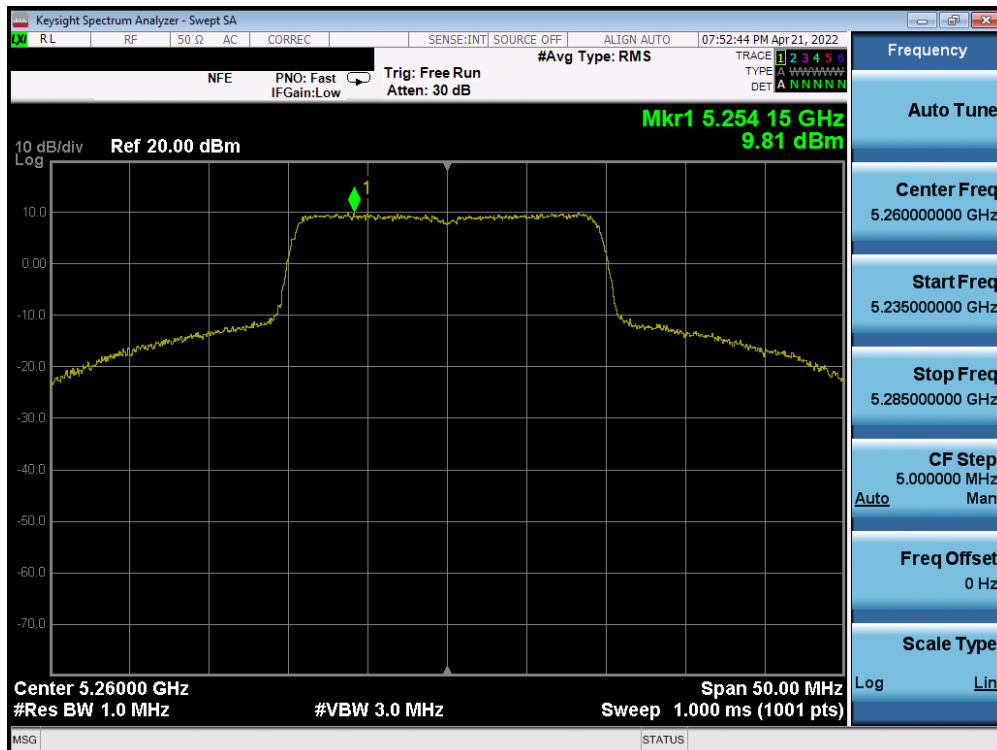


Plot 7-213. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 42)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 171 of 309

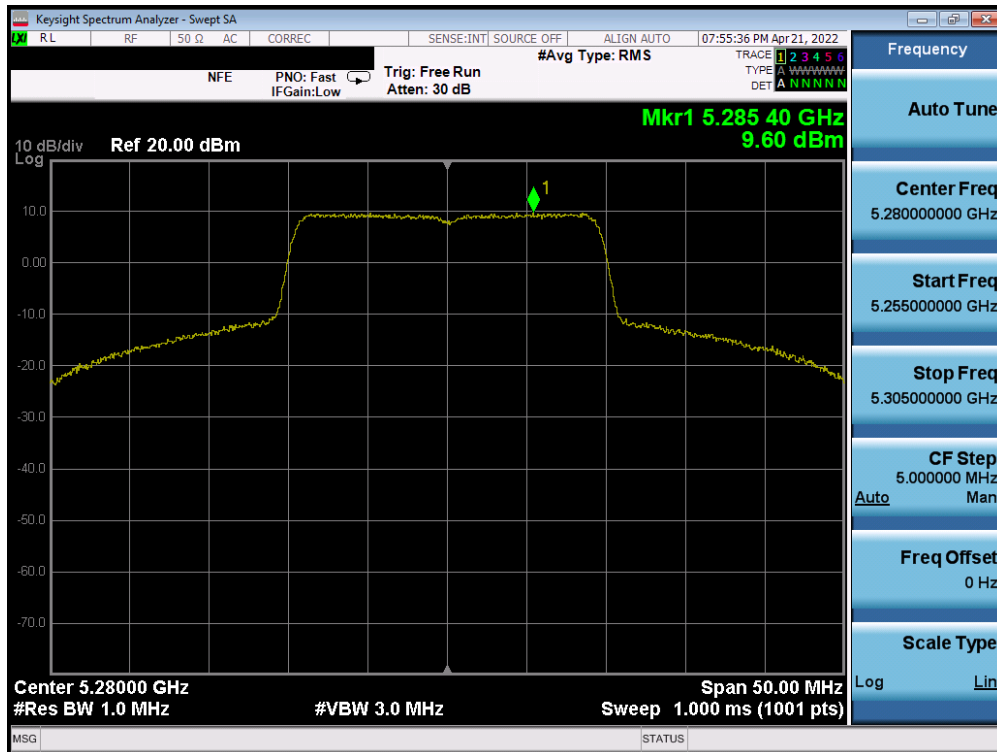


Plot 7-214. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax – Full Tones (UNII Band 1/2A) – Ch. 50)

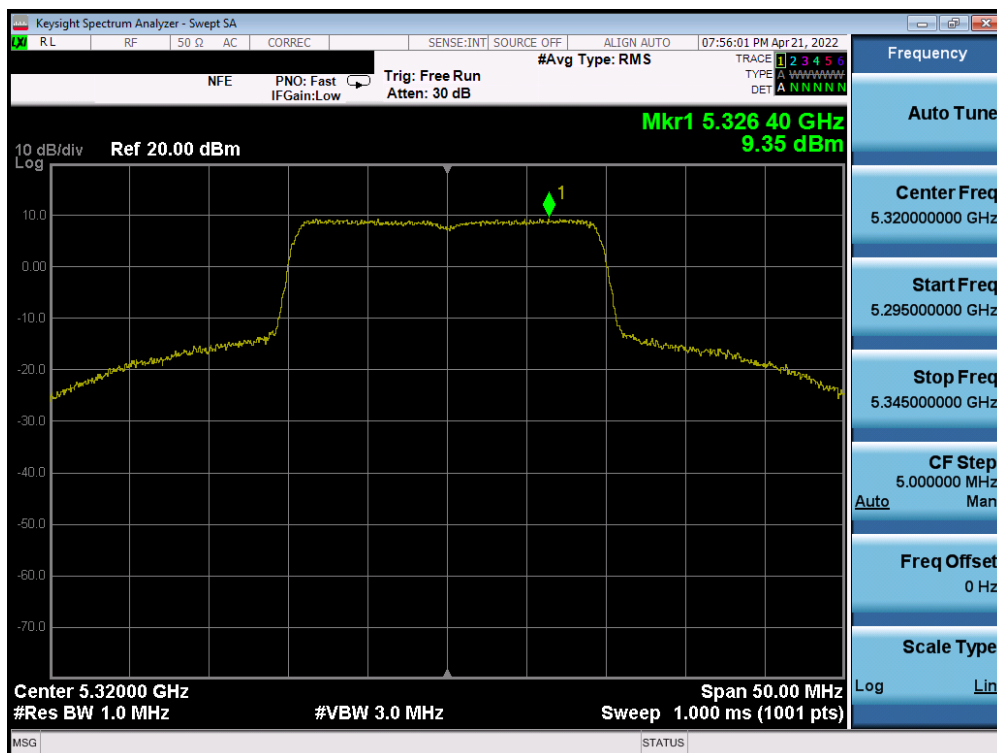


Plot 7-215. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 52)

MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
FCC ID: C3K1997	Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	Page 172 of 309
		EUT Type: Portable Computing Device	

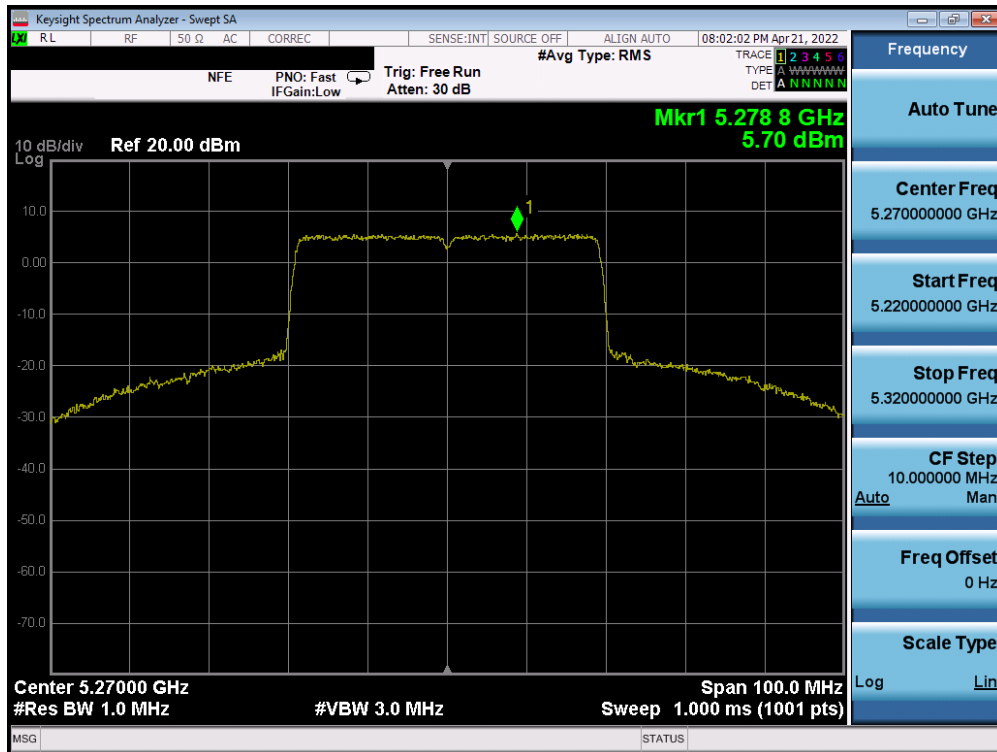


Plot 7-216. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 56)

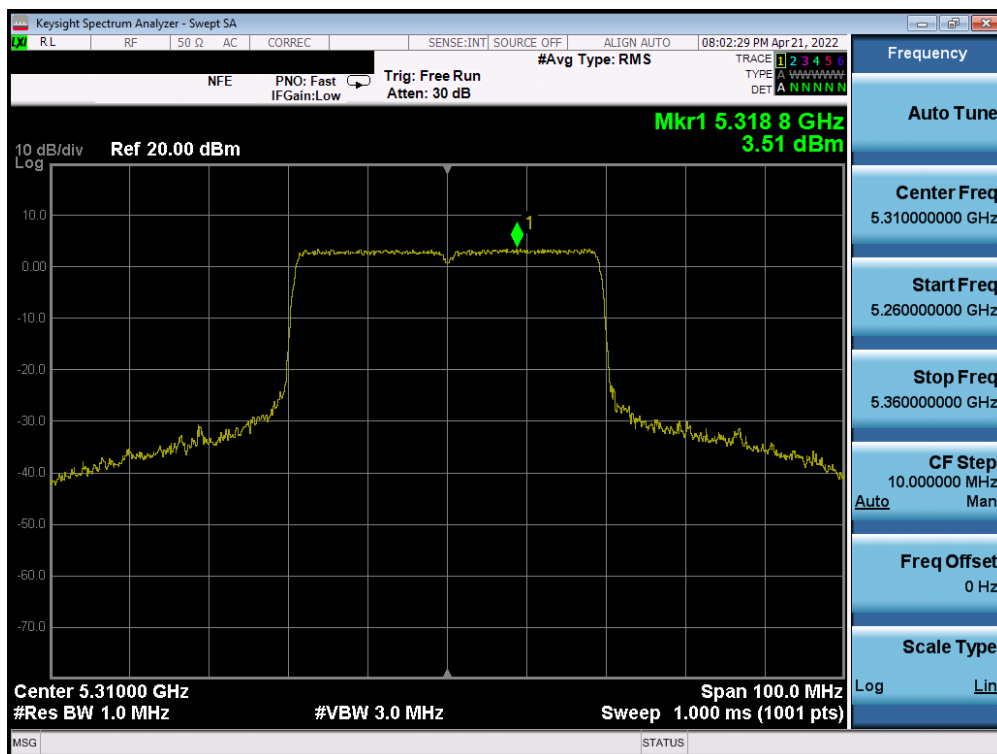


Plot 7-217. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 64)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 173 of 309

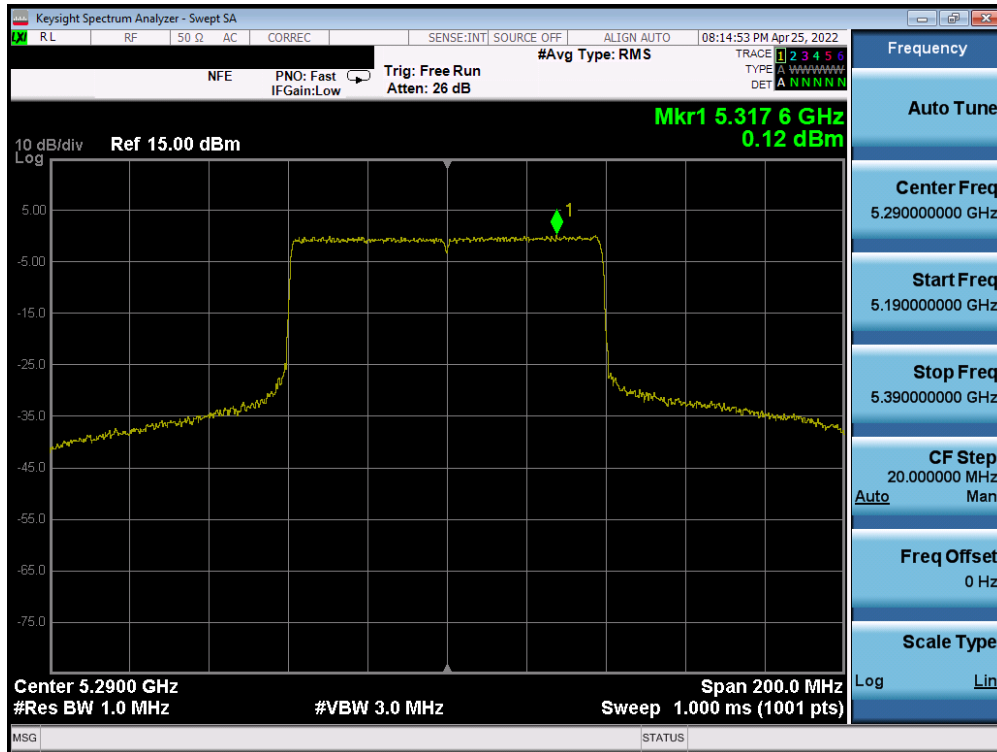


Plot 7-218. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 54)

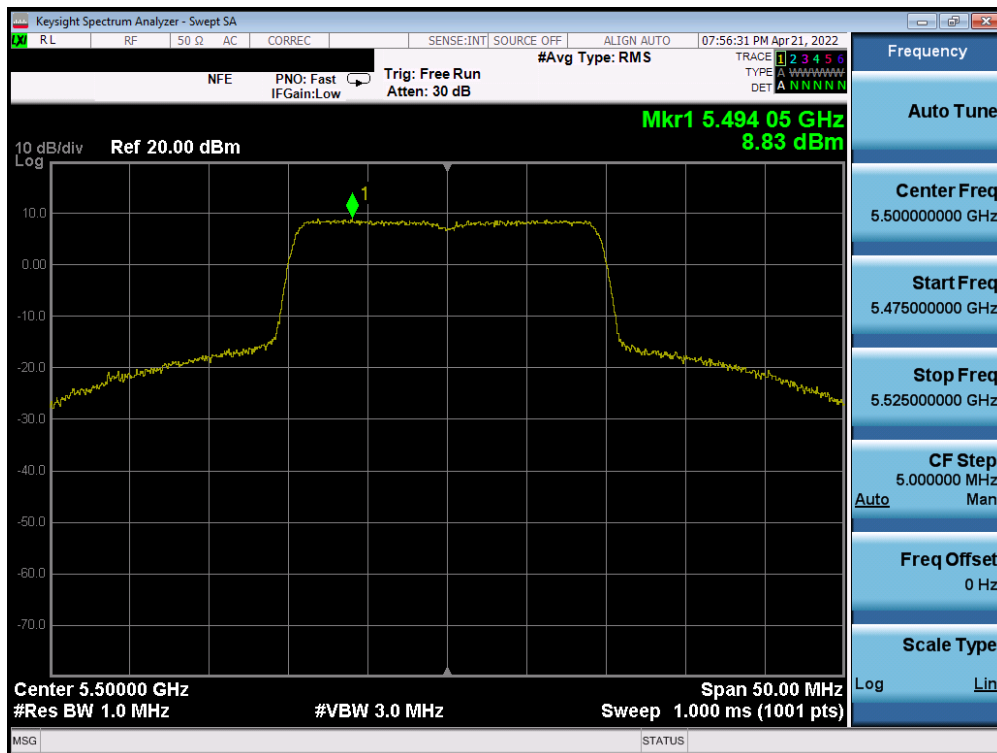


Plot 7-219. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 62)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 174 of 309

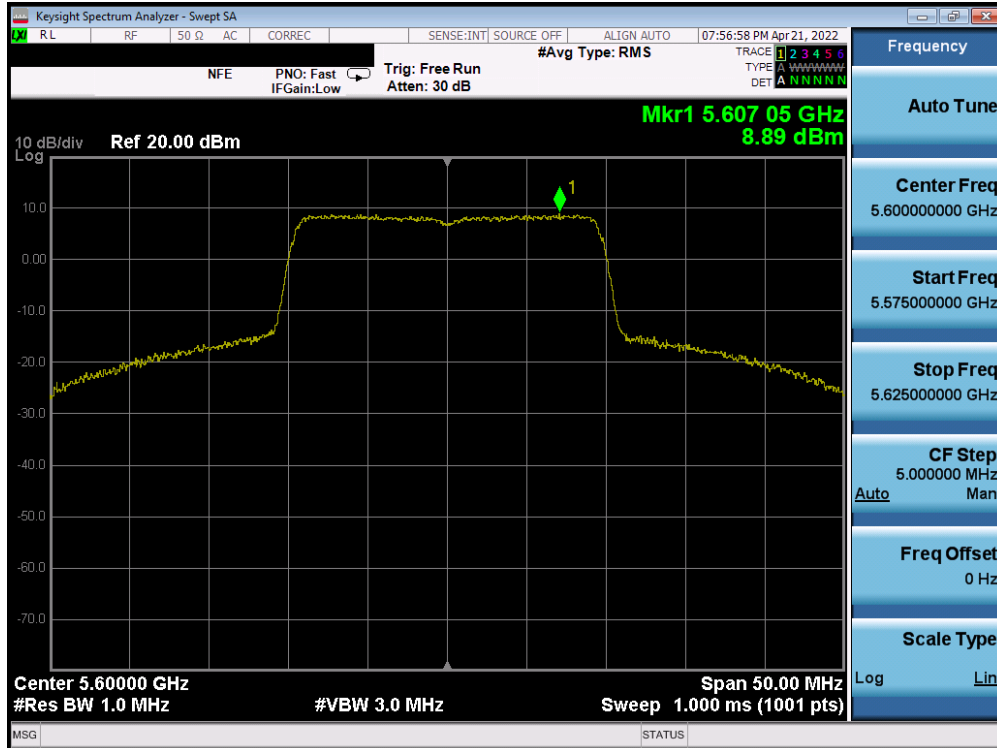


Plot 7-220. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 58)

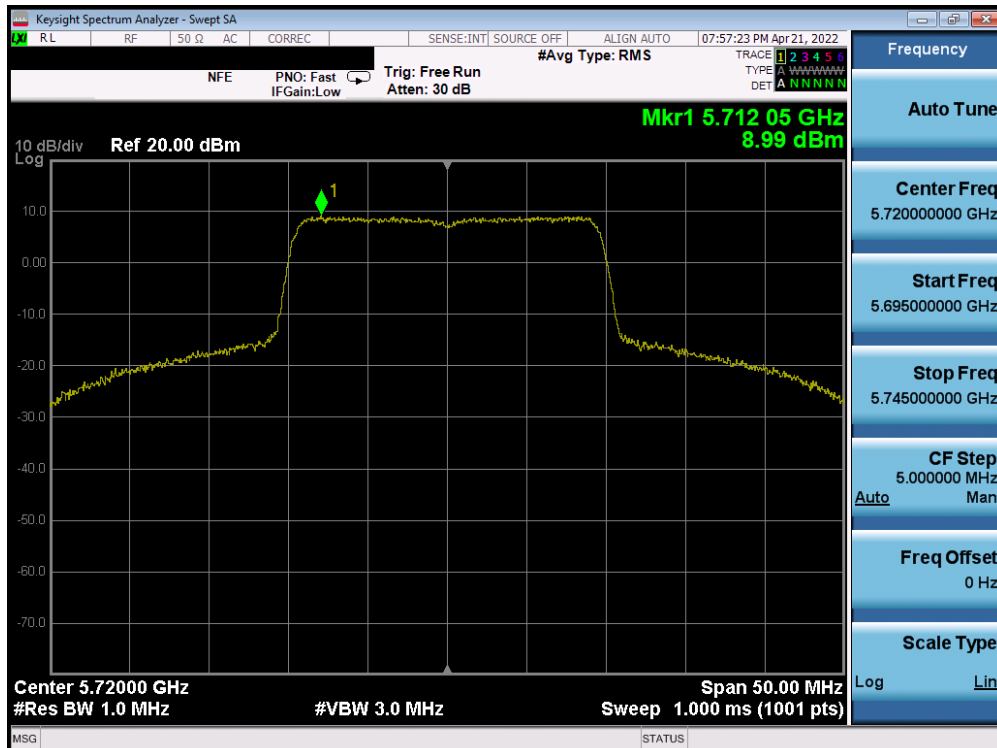


Plot 7-221. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 100)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 175 of 309

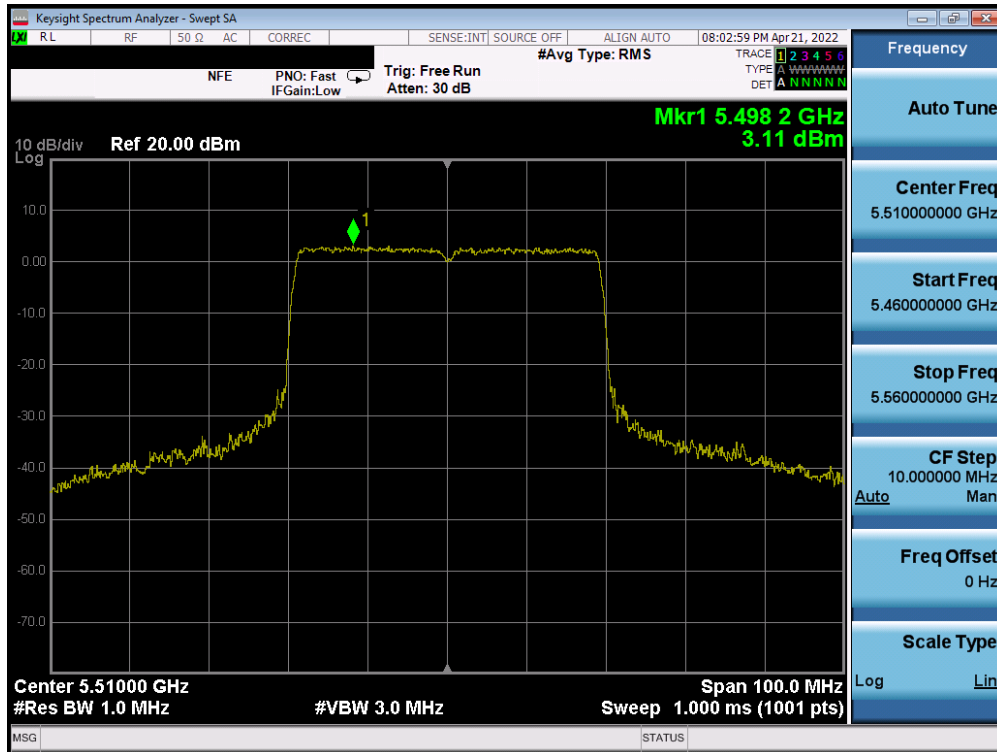


Plot 7-222. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 120)

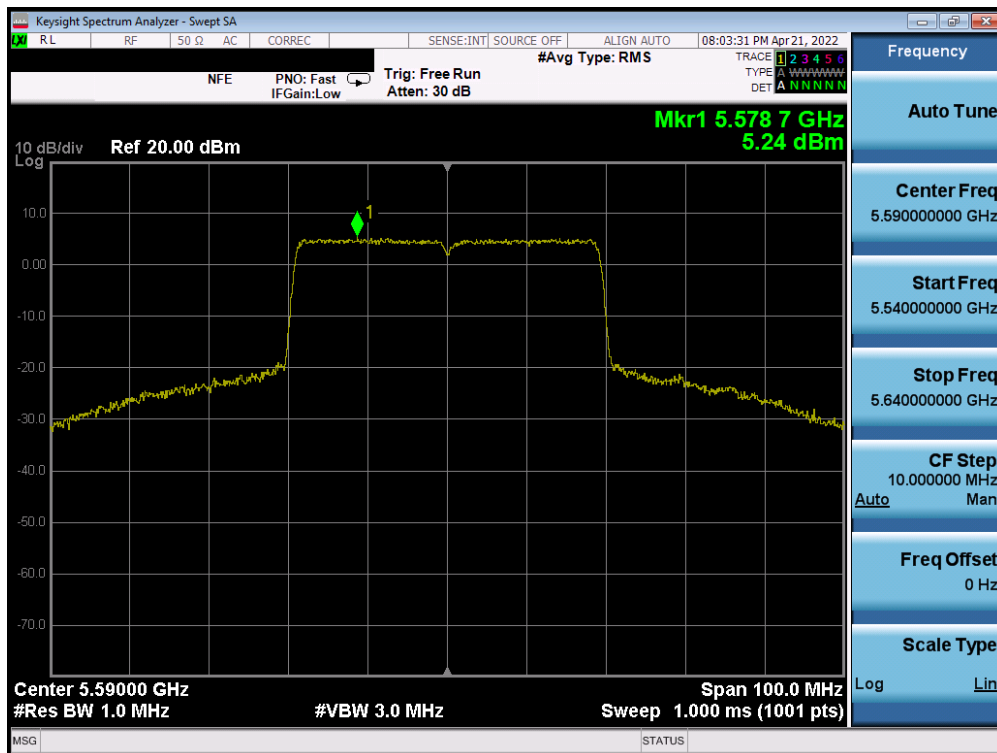


Plot 7-223. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 144)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 176 of 309

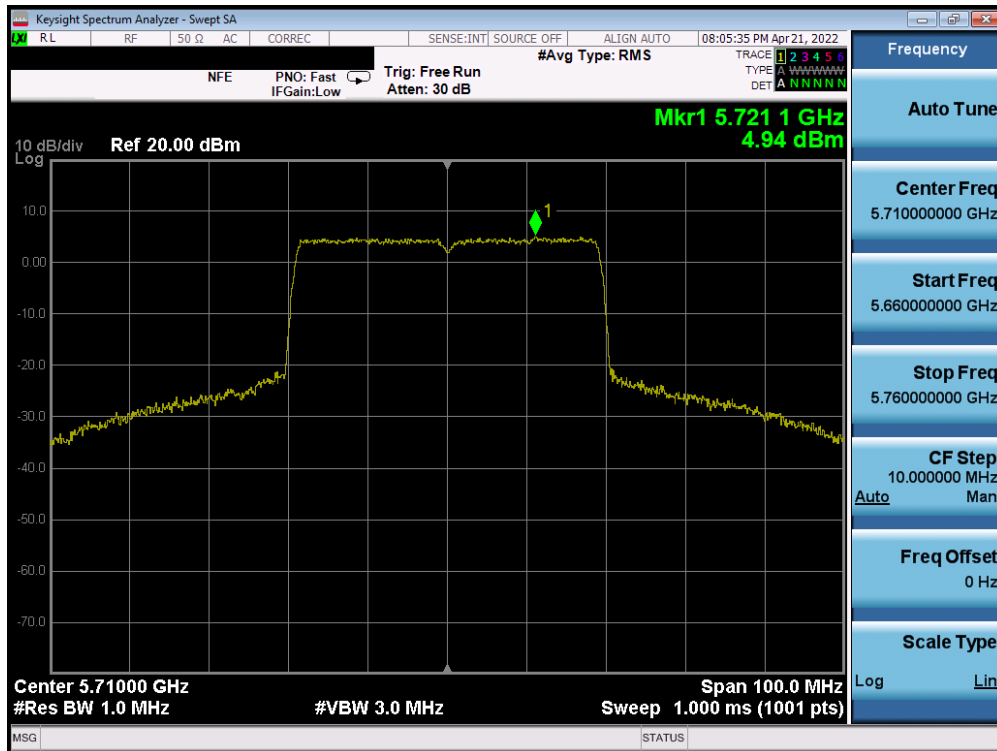


Plot 7-224. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 102)

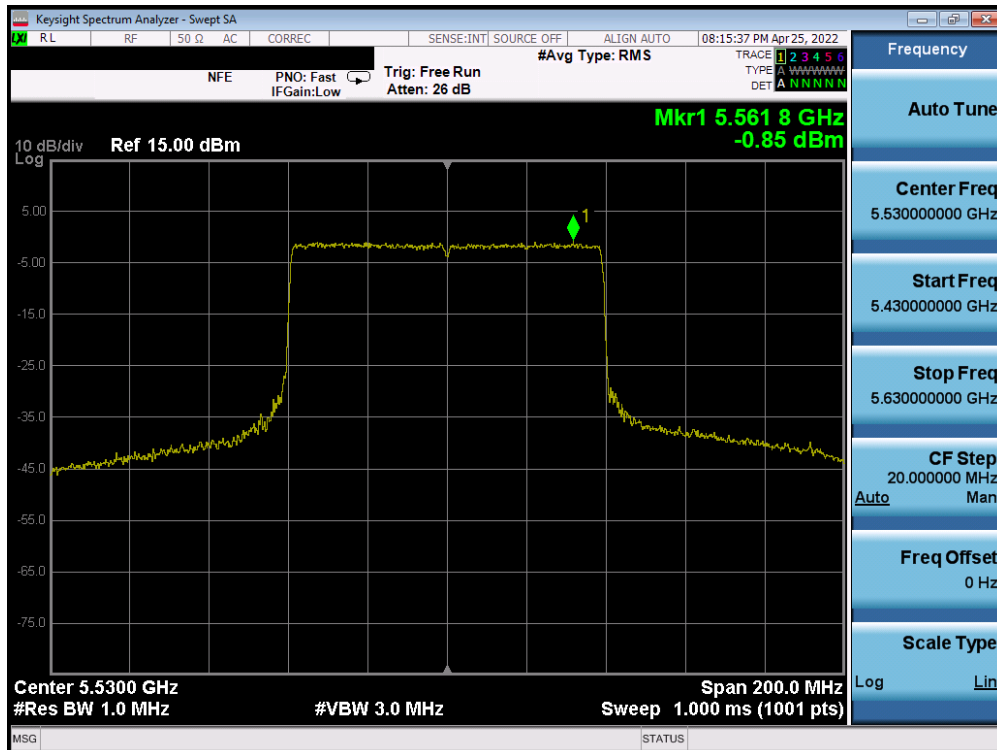


Plot 7-225. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 118)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 177 of 309

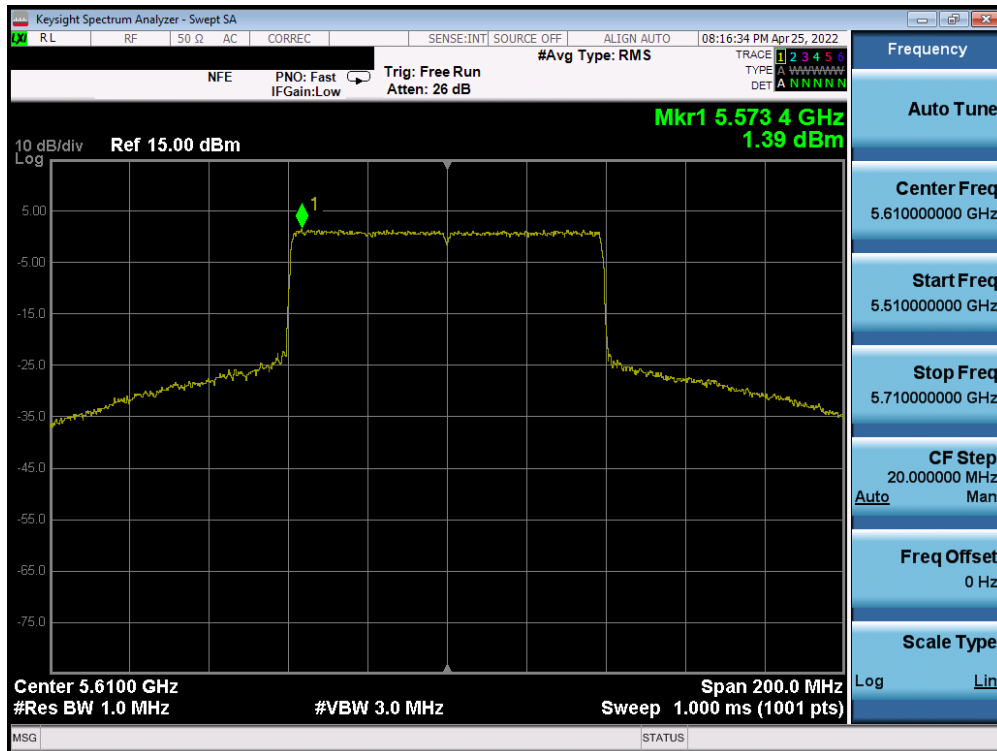


Plot 7-226. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 142)

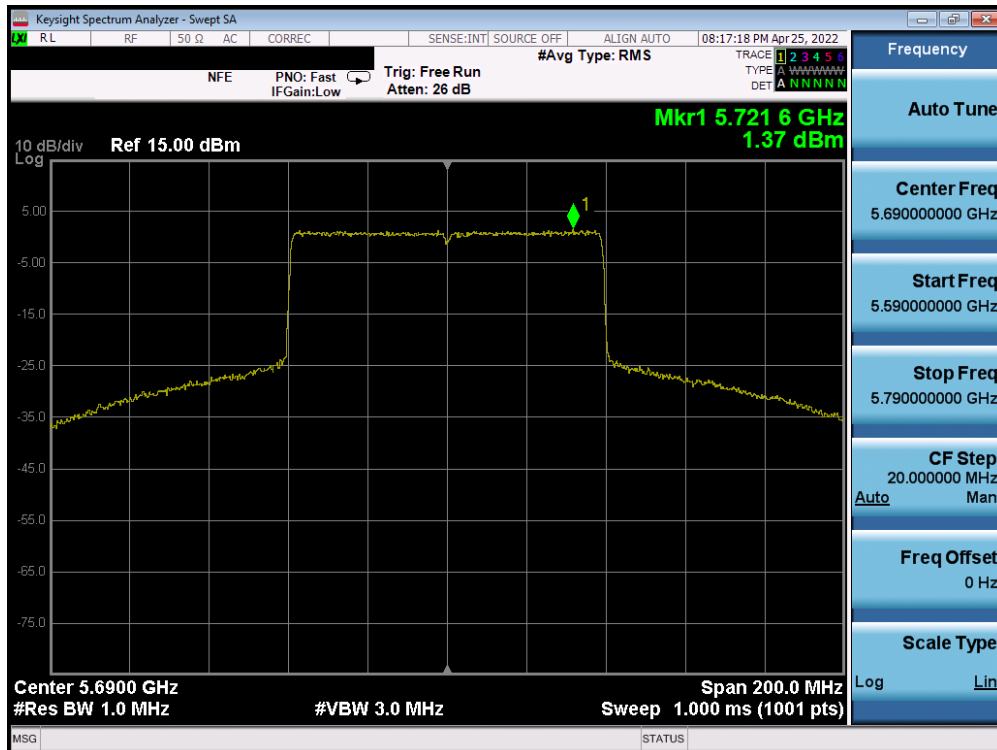


Plot 7-227. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 106)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 178 of 309

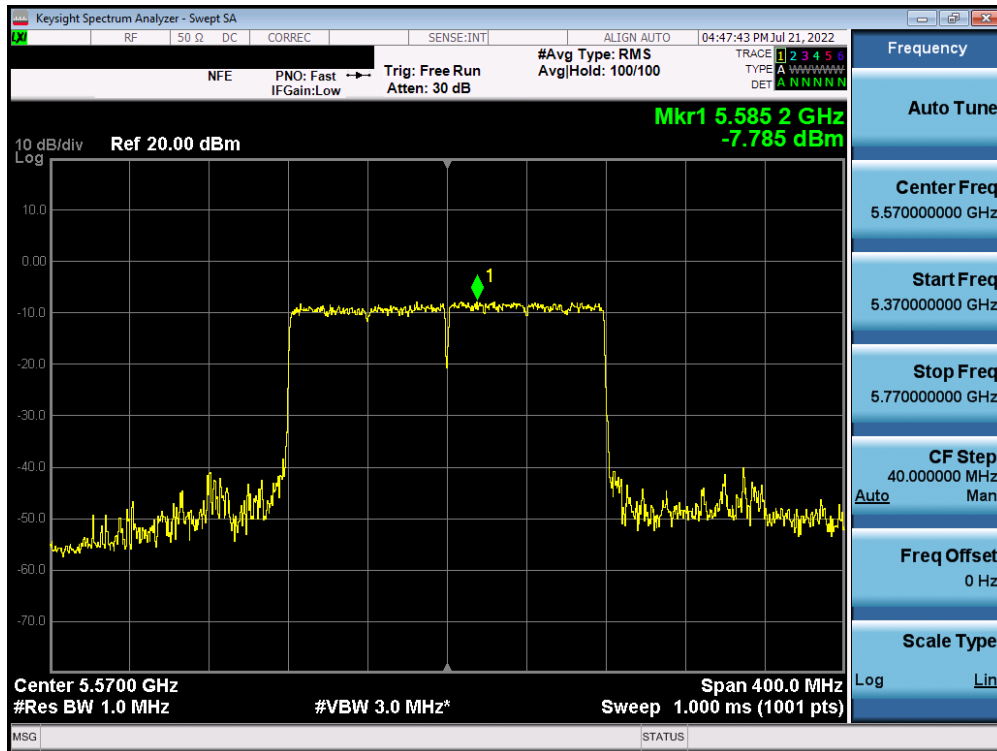


Plot 7-228. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 122)



Plot 7-229. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 138)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 179 of 309



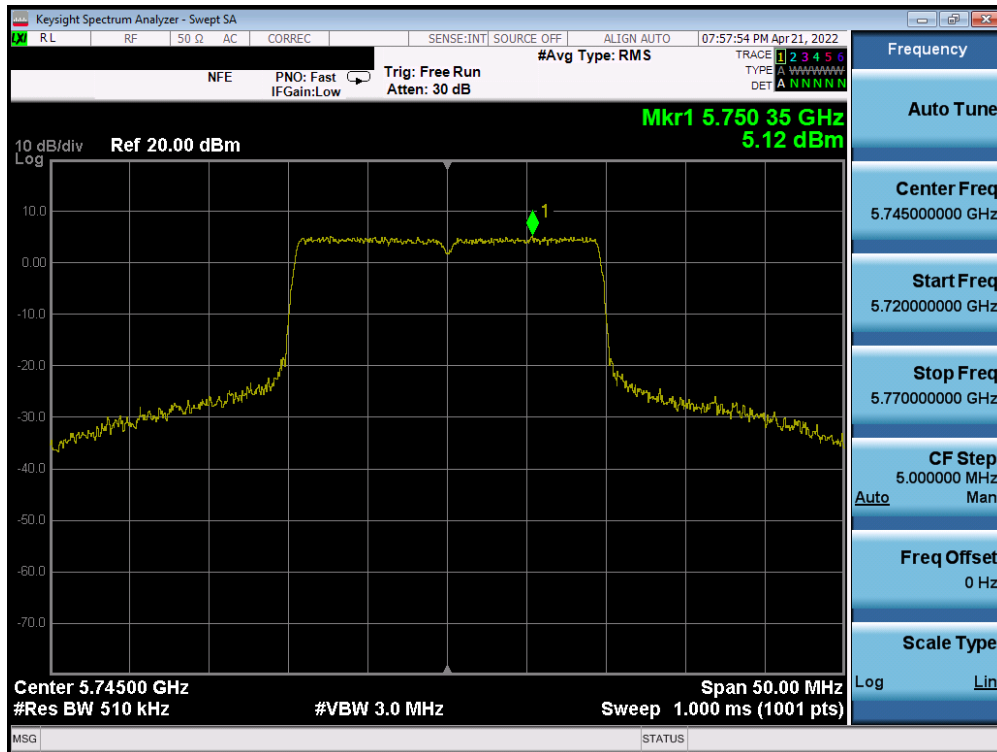
Plot 7-230. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 180 of 309

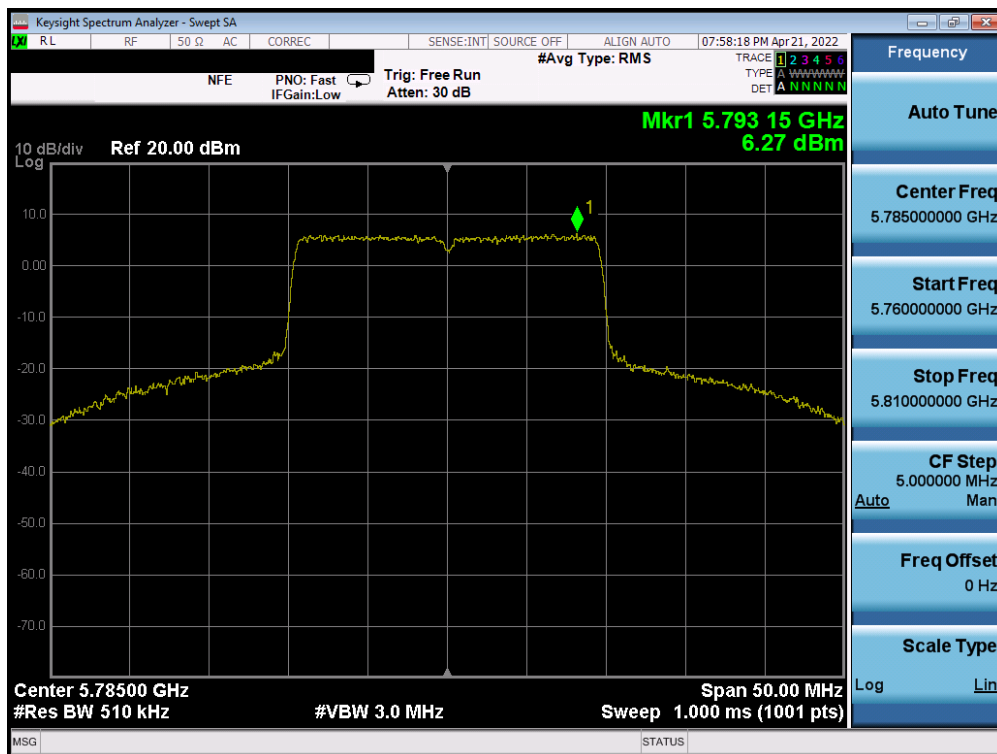
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density	Margin [dB]
Band 3	5745	149	ax (20MHz)	242T	MCS0	5.12	30.00	-24.88
	5785	157	ax (20MHz)	242T	MCS0	6.27	30.00	-23.73
	5825	165	ax (20MHz)	242T	MCS0	6.03	30.00	-23.97
	5755	151	ax (40MHz)	484T	MCS0	3.36	30.00	-26.64
	5795	159	ax (40MHz)	484T	MCS0	3.22	30.00	-26.78
	5775	155	ax (80MHz)	996T	MCS0	-1.22	30.00	-31.22

Table 7-101. Band 3 Conducted Power Spectral Density Measurements SISO ANT2 (Full Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 181 of 309

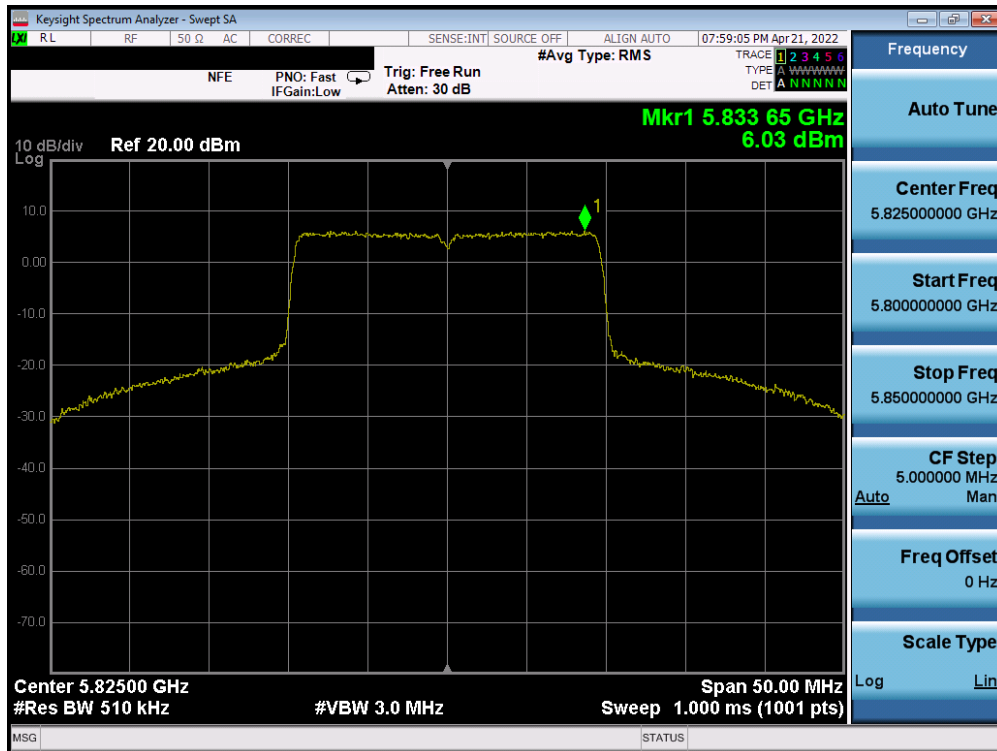


Plot 7-231. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 149)

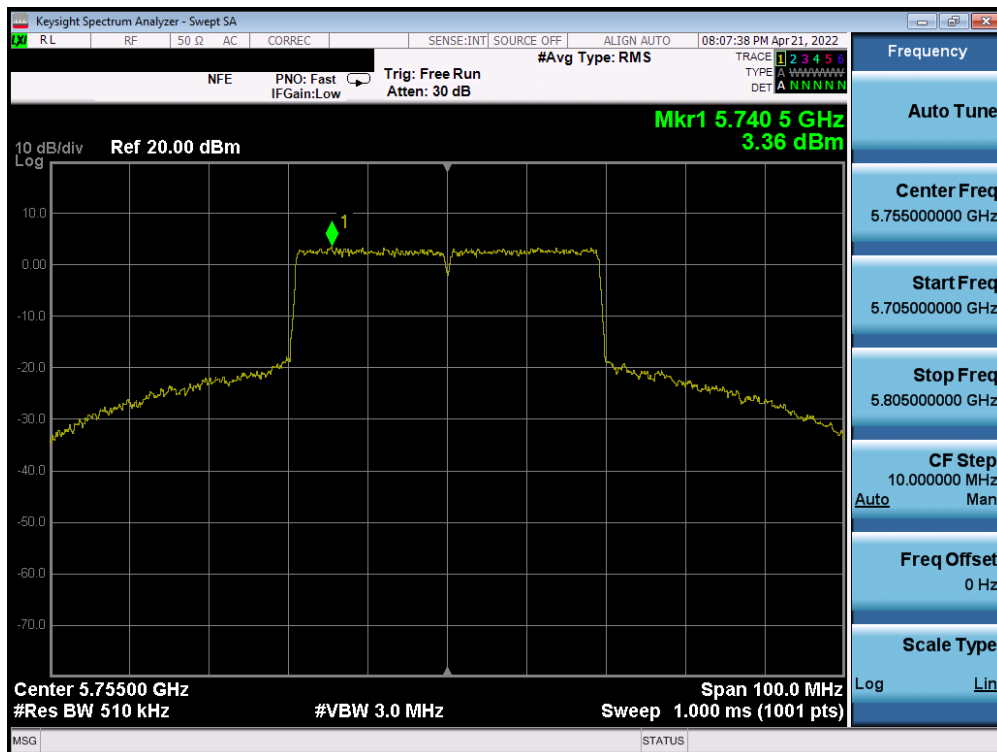


Plot 7-232. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 157)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 182 of 309

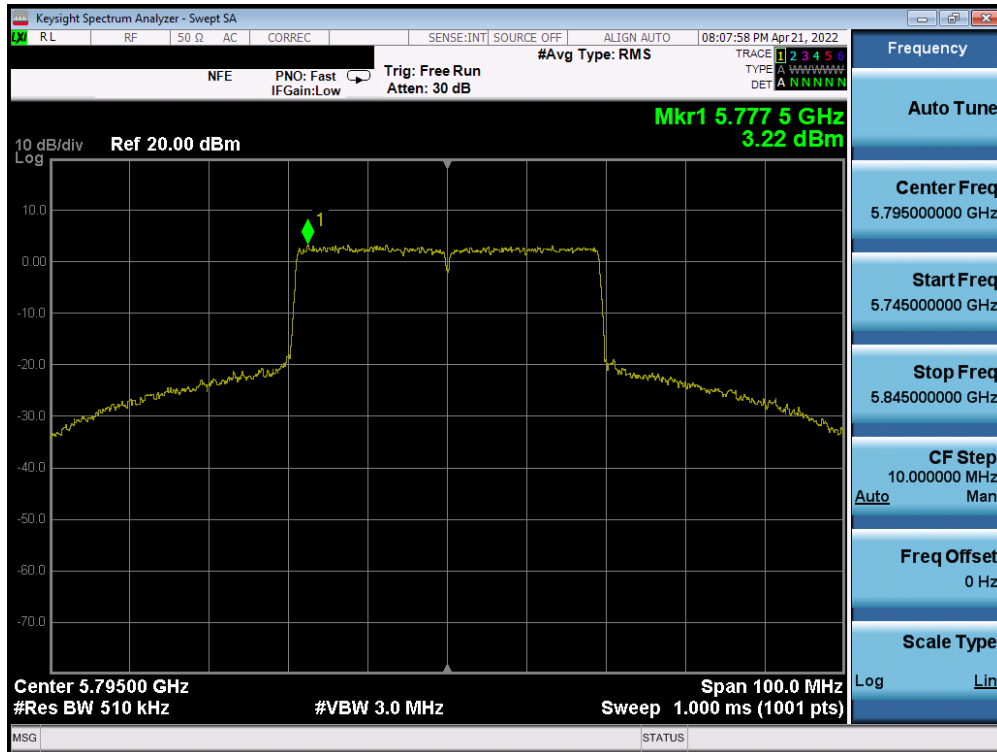


Plot 7-233. Power Spectral Density Plot SISO ANT2 (20 MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 165)

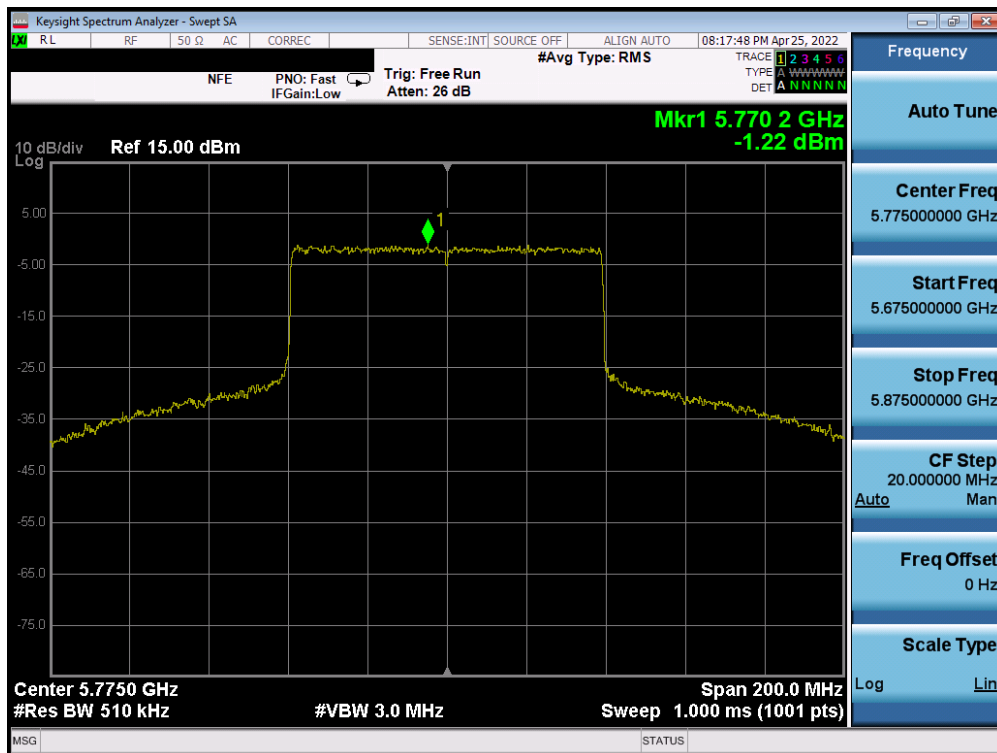


Plot 7-234. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 183 of 309



Plot 7-235. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 159)



Plot 7-236. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 155)

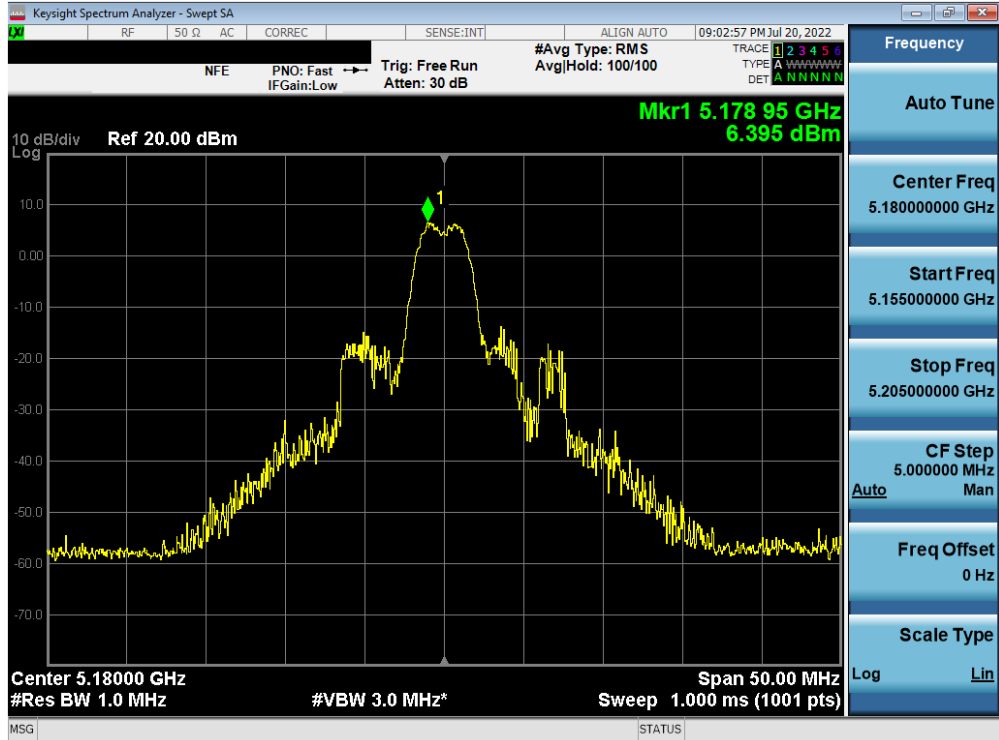
FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 184 of 309

Summed MIMO Power Spectral Density Measurements (26 Tones)

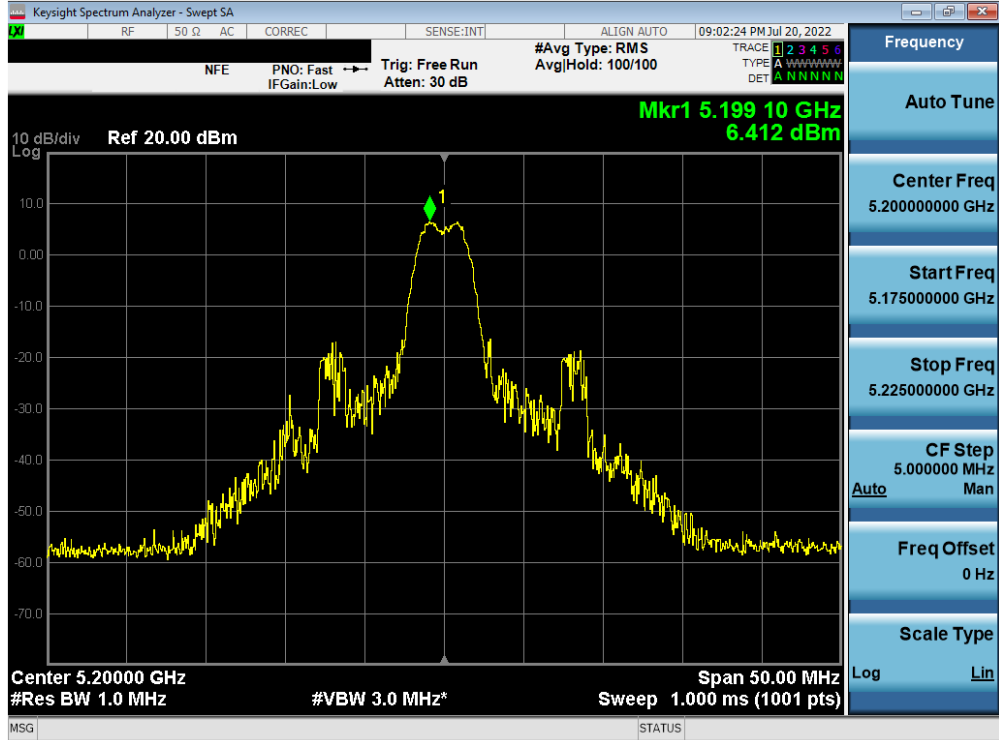
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Summed MIMO Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26T	MCS0	6.40	5.93	9.18	11.00	-1.82
	5200	40	ax (20MHz)	26T	MCS0	6.41	6.12	9.28	11.00	-1.72
	5240	48	ax (20MHz)	26T	MCS0	6.86	6.03	9.48	11.00	-1.52
	5190	38	ax (40MHz)	26T	MCS0	5.96	6.28	9.13	11.00	-1.87
	5230	46	ax (40MHz)	26T	MCS0	6.65	6.41	9.54	11.00	-1.46
	5210	42	ax (80MHz)	26T	MCS0	6.19	6.19	9.20	11.00	-1.80
Band 1/2A	5250	50	ax (160MHz) L	26T	MCS0	4.97	6.29	8.69	11.00	-2.31
	5250	50	ax (160MHz) U	26T	MCS0	4.47	5.16	7.84	11.00	-3.16
Band 2A	5260	52	ax (20MHz)	26T	MCS0	7.45	7.02	10.25	11.00	-0.75
	5280	56	ax (20MHz)	26T	MCS0	7.10	7.36	10.24	11.00	-0.76
	5320	64	ax (20MHz)	26T	MCS0	7.38	7.28	10.34	11.00	-0.66
	5270	54	ax (40MHz)	26T	MCS0	7.33	7.07	10.21	11.00	-0.79
	5310	62	ax (40MHz)	26T	MCS0	7.56	6.89	10.25	11.00	-0.75
	5290	58	ax (80MHz)	26T	MCS0	7.16	7.05	10.12	11.00	-0.88
Band 2C	5500	100	ax (20MHz)	26T	MCS0	7.62	7.34	10.49	11.00	-0.51
	5600	120	ax (20MHz)	26T	MCS0	6.99	6.87	9.94	11.00	-1.06
	5720	144	ax (20MHz)	26T	MCS0	7.19	6.91	10.06	11.00	-0.94
	5510	102	ax (40MHz)	26T	MCS0	7.90	6.99	10.48	11.00	-0.52
	5590	118	ax (40MHz)	26T	MCS0	7.60	6.54	10.11	11.00	-0.89
	5710	142	ax (40MHz)	26T	MCS0	7.16	6.64	9.92	11.00	-1.08
	5530	106	ax (80MHz)	26T	MCS0	7.71	6.75	10.27	11.00	-0.73
	5610	122	ax (80MHz)	26T	MCS0	7.60	6.57	10.13	11.00	-0.87
	5690	138	ax (80MHz)	26T	MCS0	7.22	6.40	9.84	11.00	-1.16
	5570	114	ax (160MHz) L	26T	MCS0	6.13	5.20	8.70	11.00	-2.30
	5570	114	ax (160MHz) U	26T	MCS0	5.87	5.30	8.60	11.00	-2.40

Table 7-102. Bands 1, 2A, 2C MIMO Conducted Power Spectral Density Measurements MIMO (26 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 185 of 309

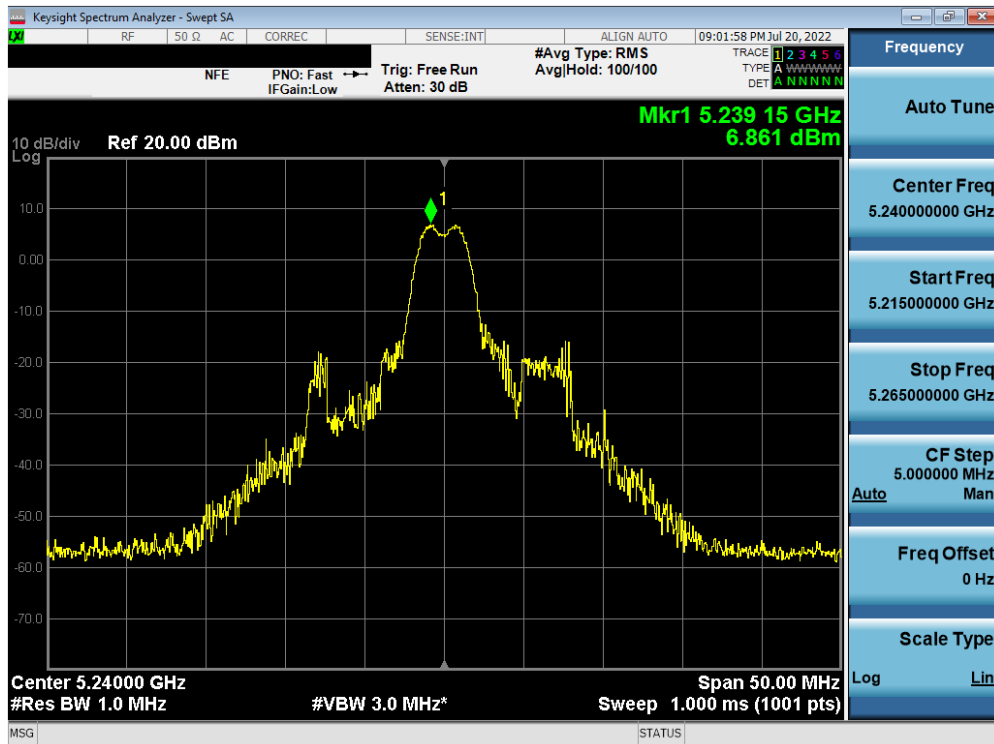


Plot 7-237. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 36)

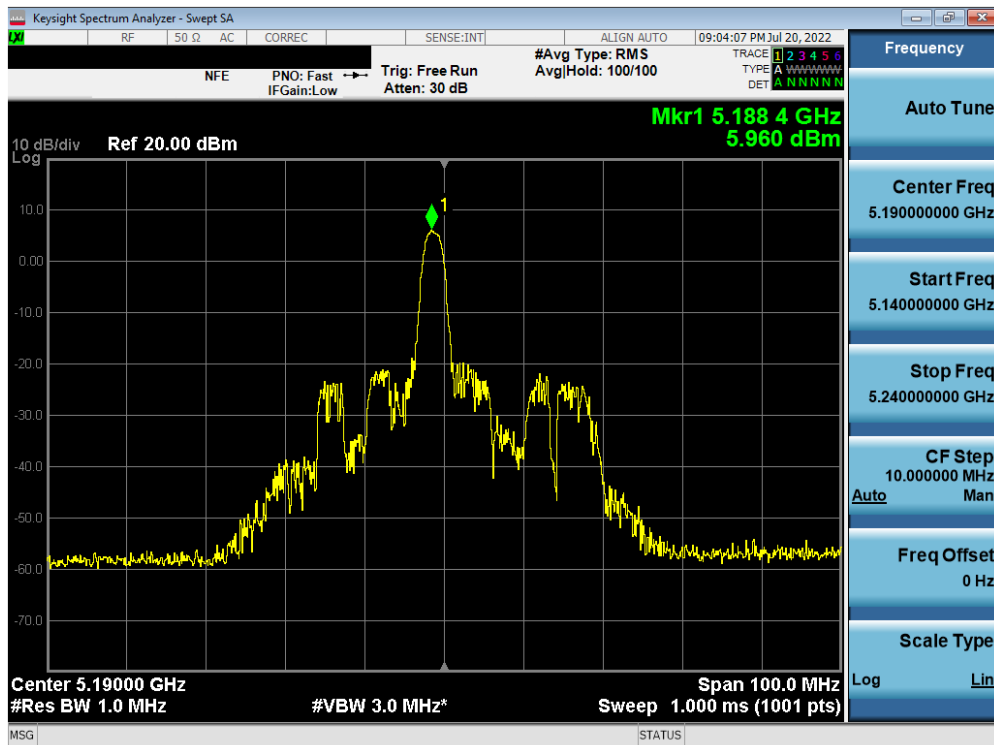


Plot 7-238. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 40)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 186 of 309

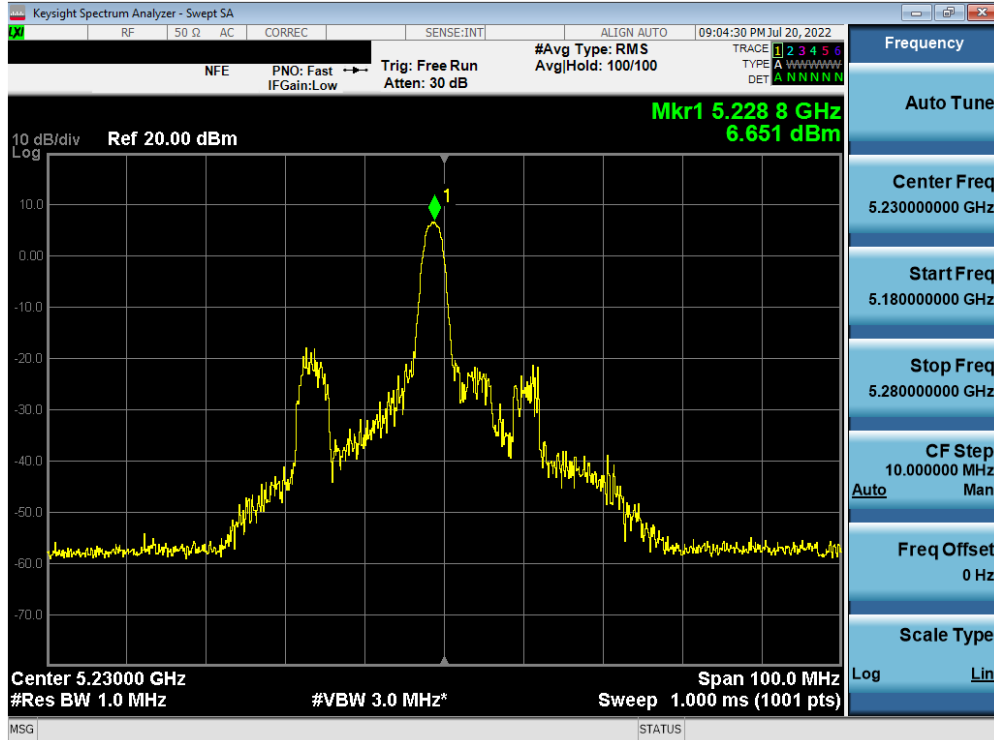


Plot 7-239. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 48)

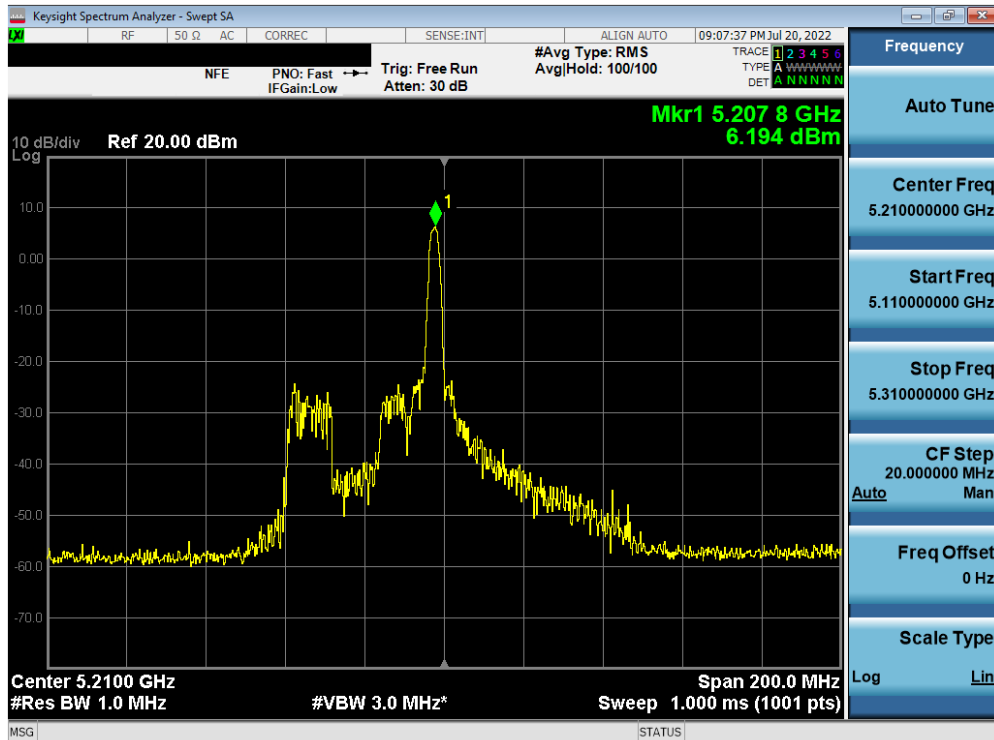


Plot 7-240. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 38)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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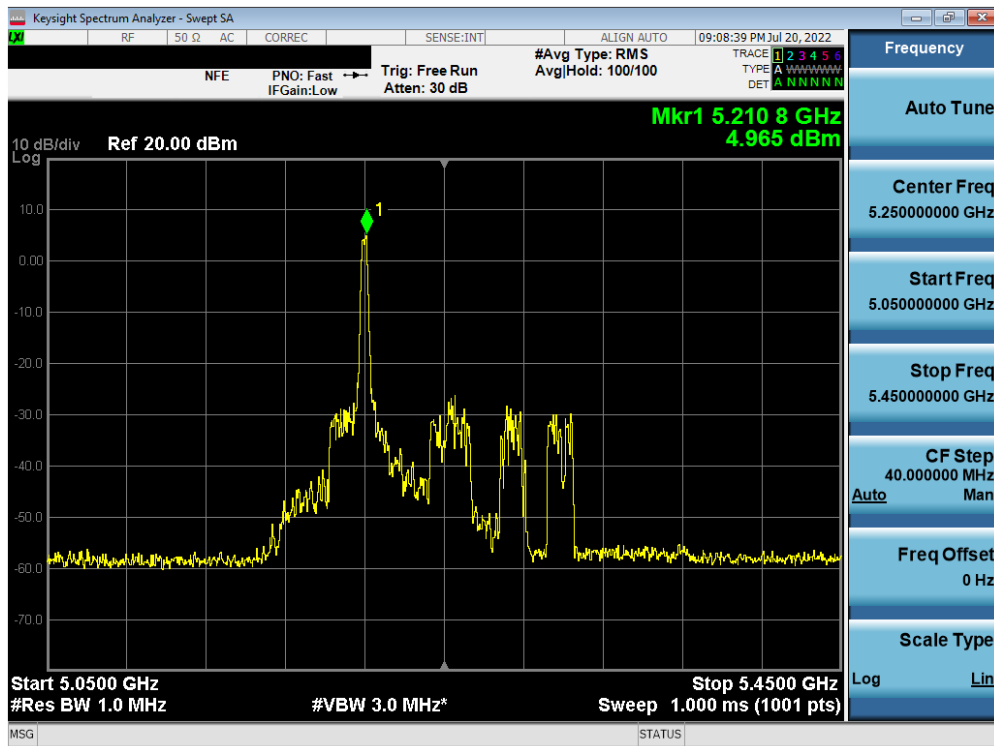


Plot 7-241. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 46)

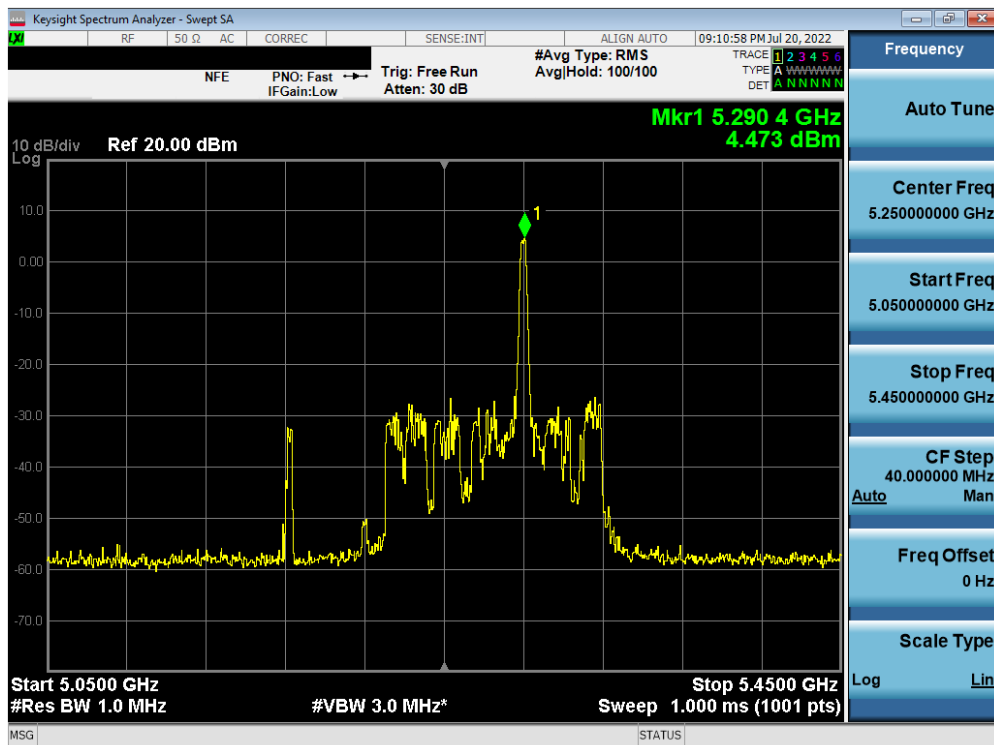


Plot 7-242. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 42)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 188 of 309

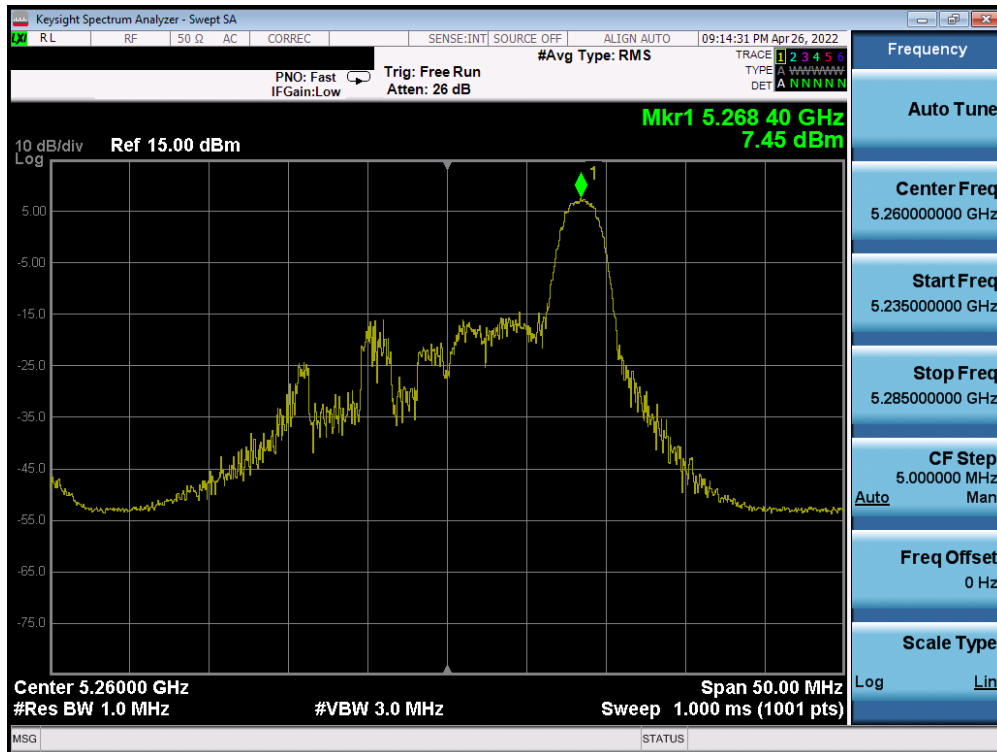


Plot 7-243. Power Spectral Density Plot MIMO ANT1 (160MHz [L] BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

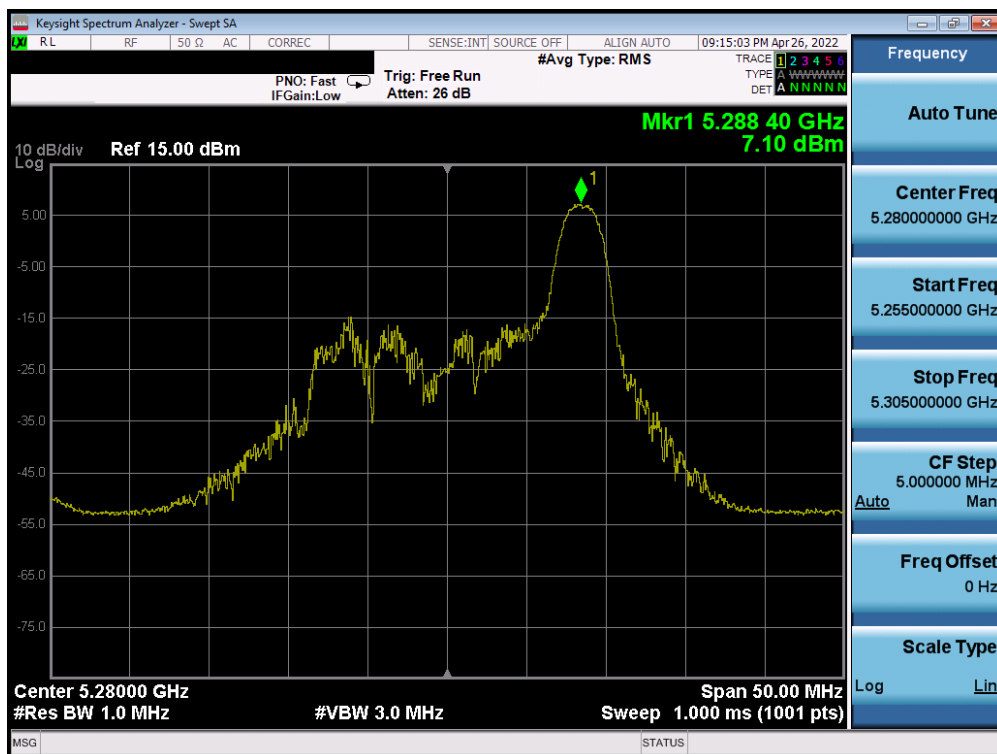


Plot 7-244. Power Spectral Density Plot MIMO ANT1 (160MHz [U] BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 189 of 309

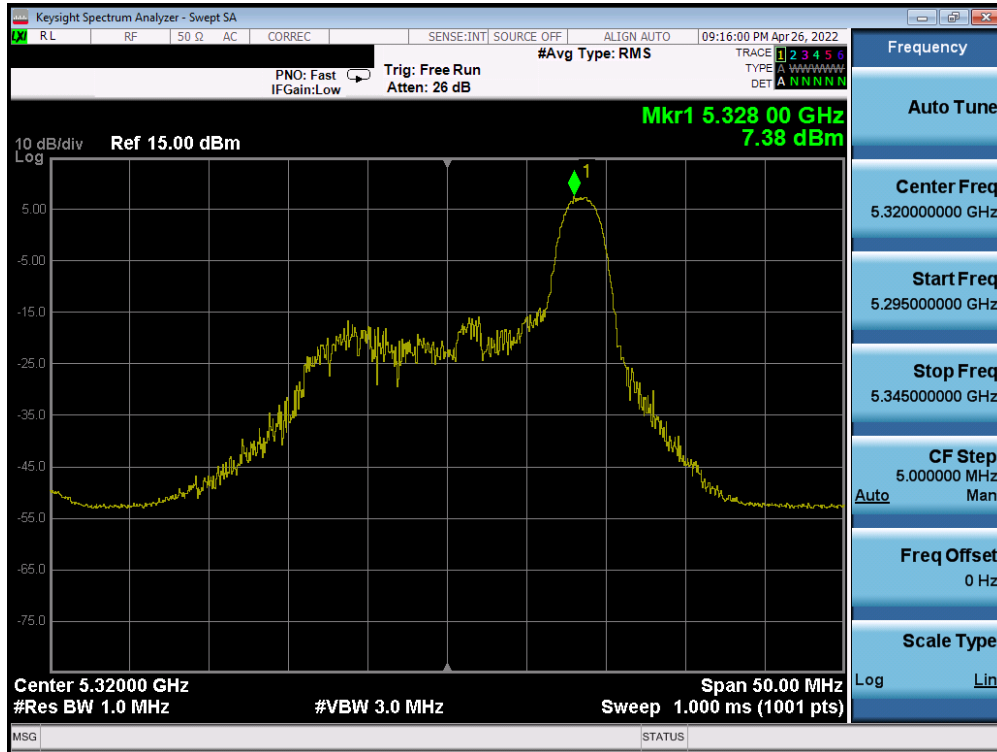


Plot 7-245. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 52)

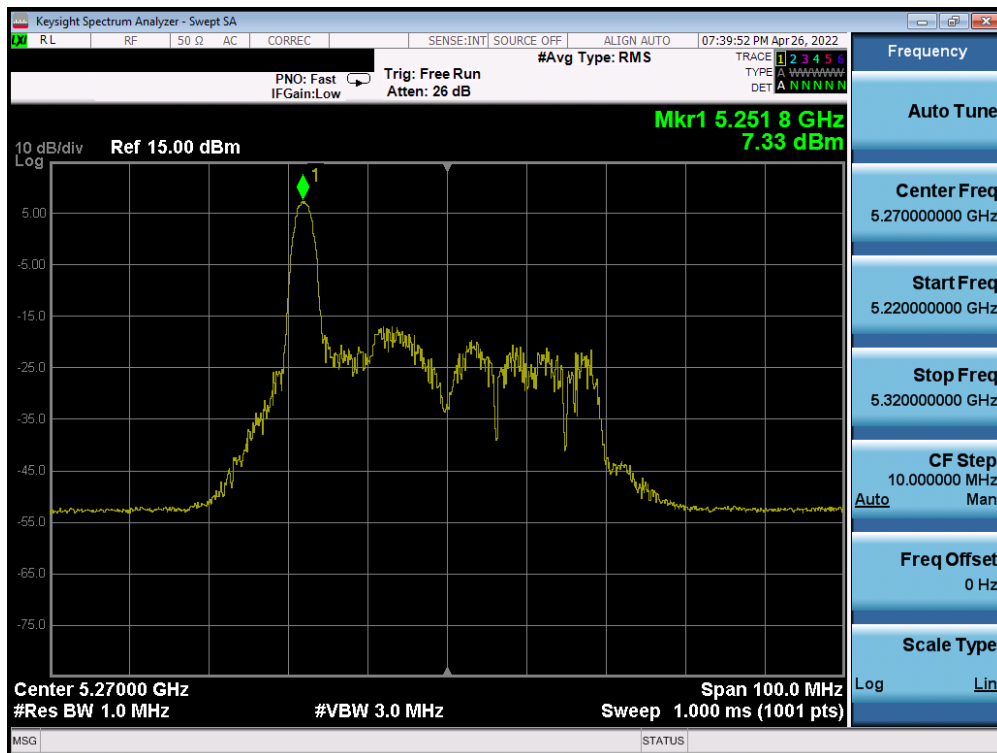


Plot 7-246. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 56)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 190 of 309

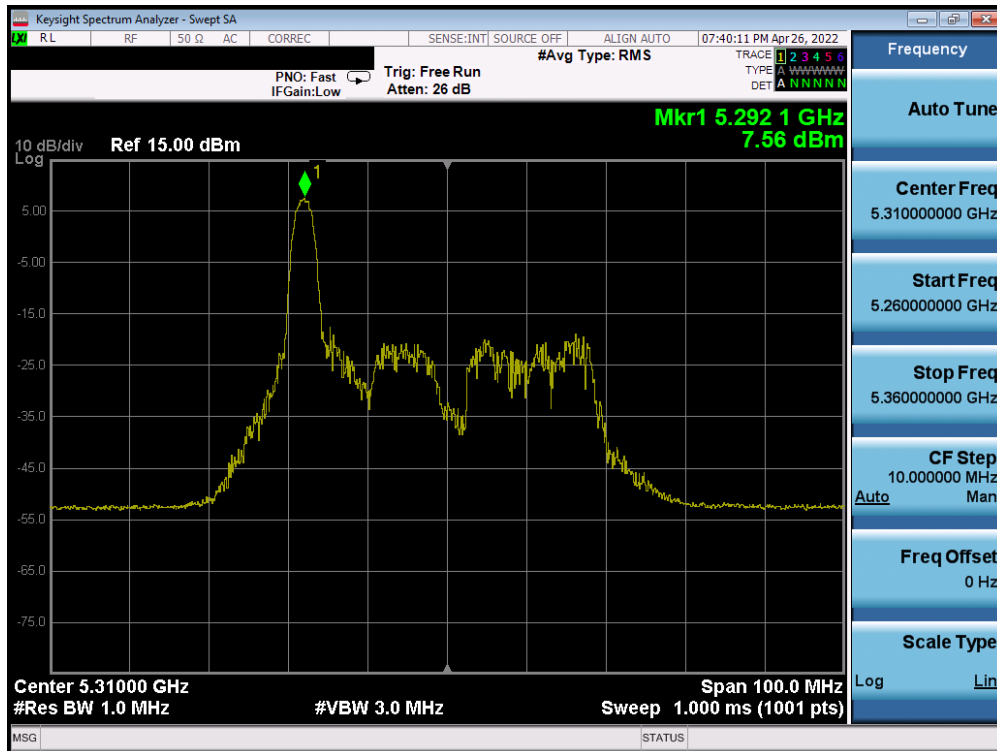


Plot 7-247. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 64)

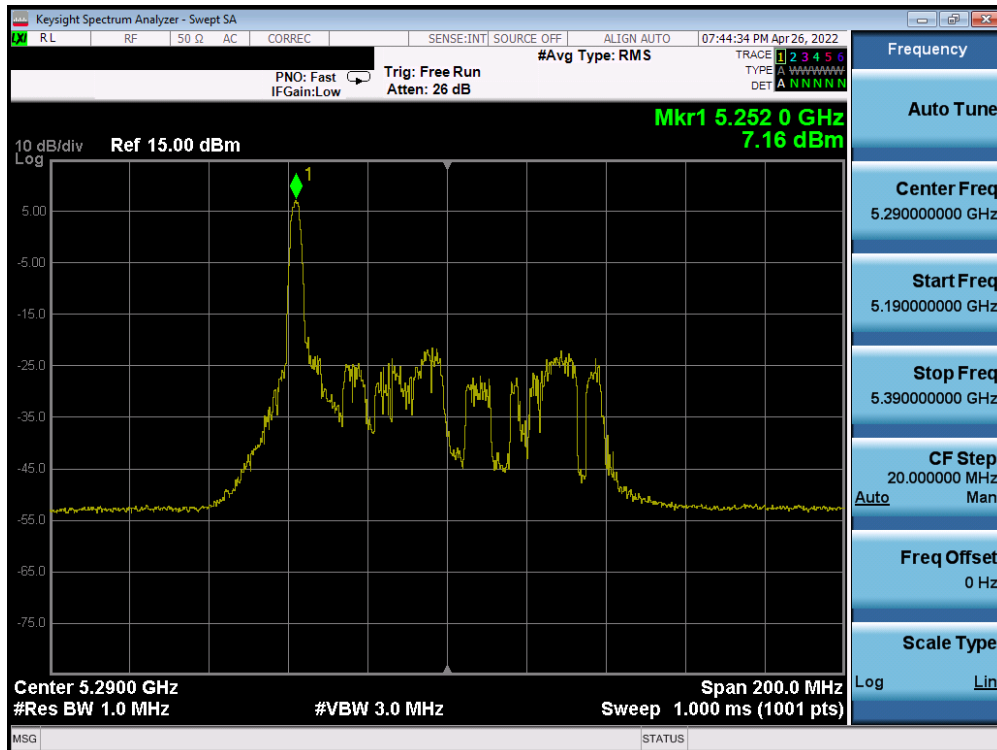


Plot 7-248. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 54)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 191 of 309

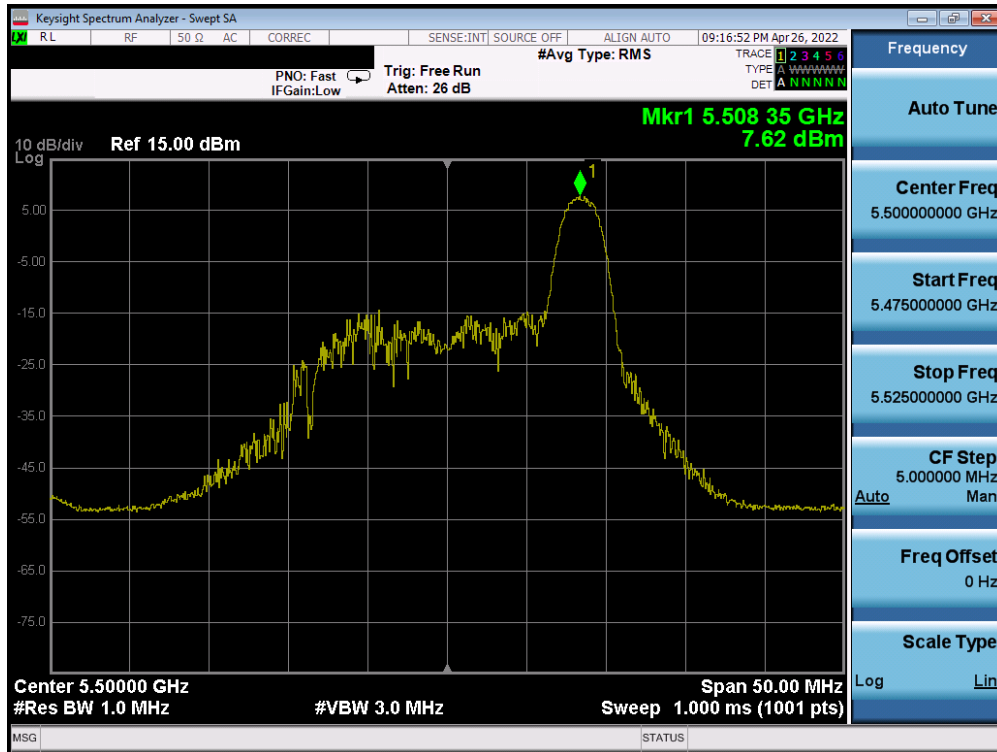


Plot 7-249. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 62)

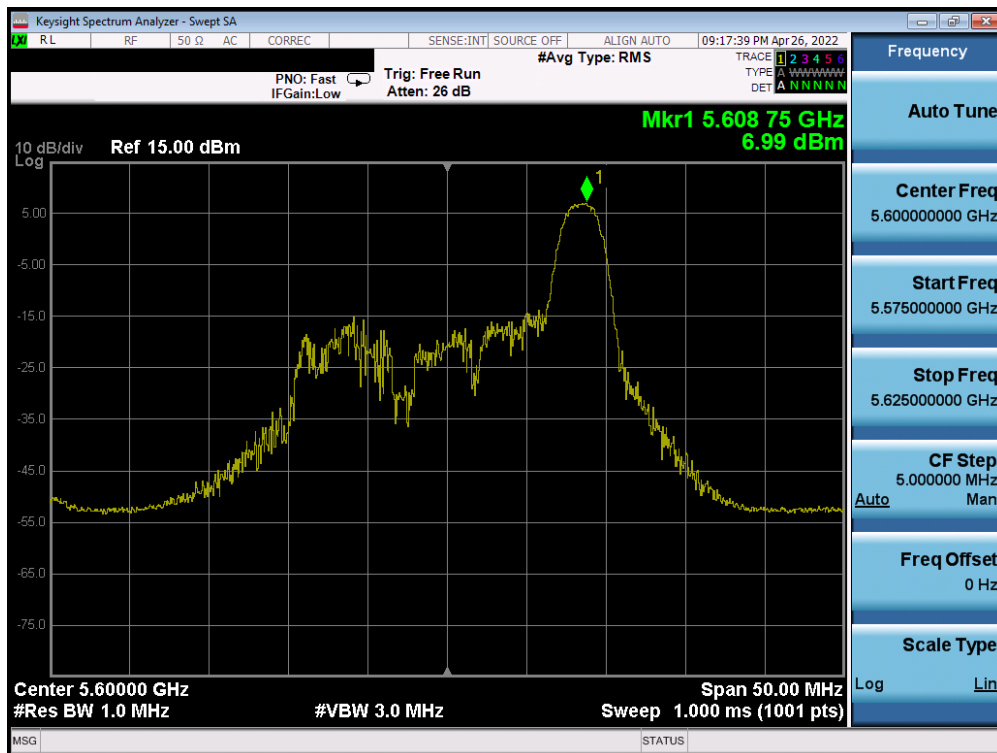


Plot 7-250. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 58)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 192 of 309

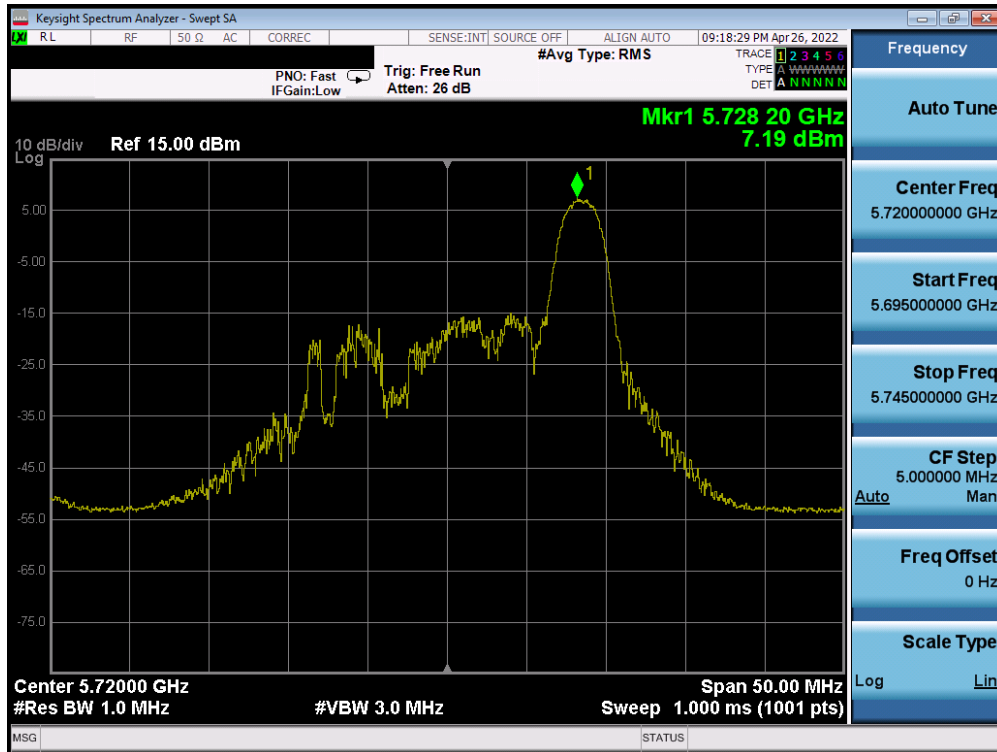


Plot 7-251. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 100)

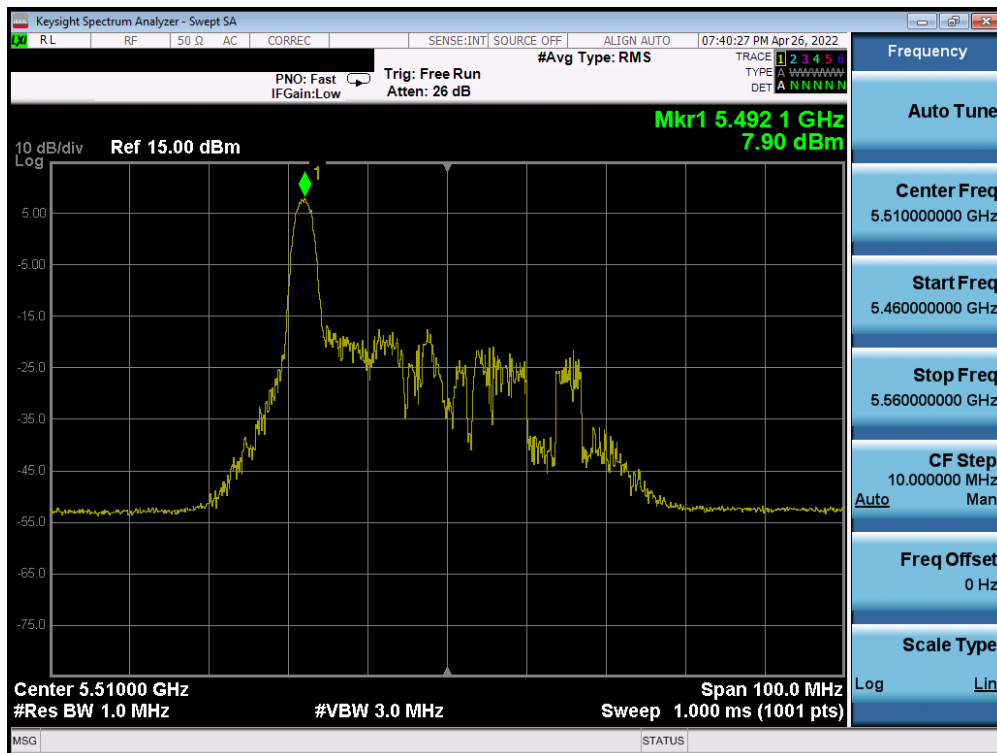


Plot 7-252. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 120)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 193 of 309

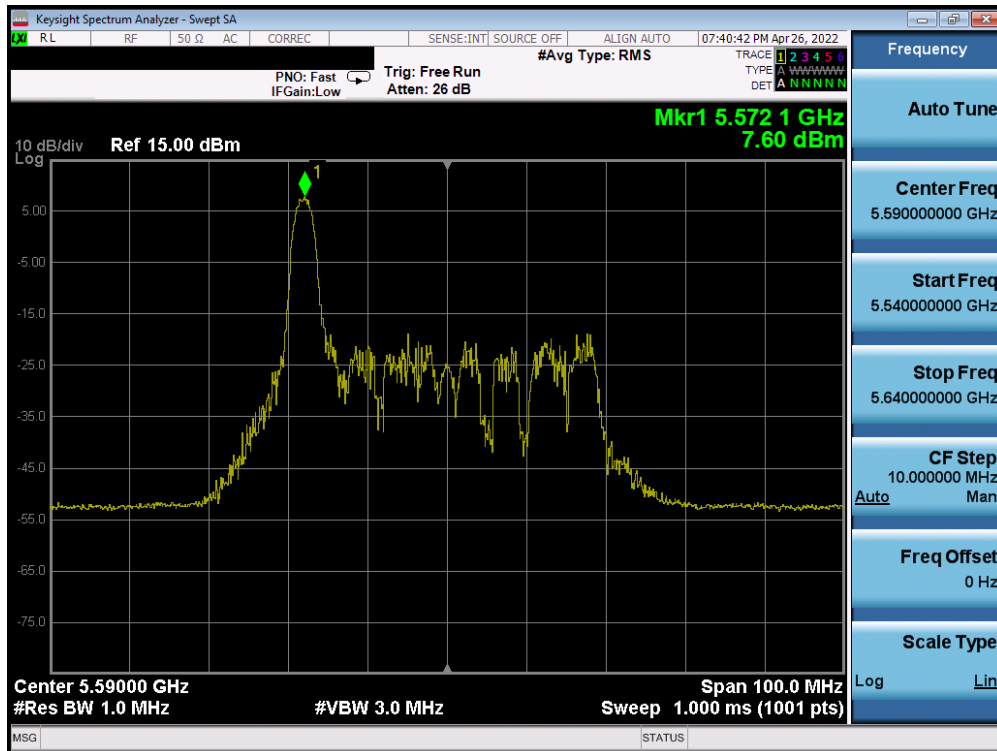


Plot 7-253. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 144)

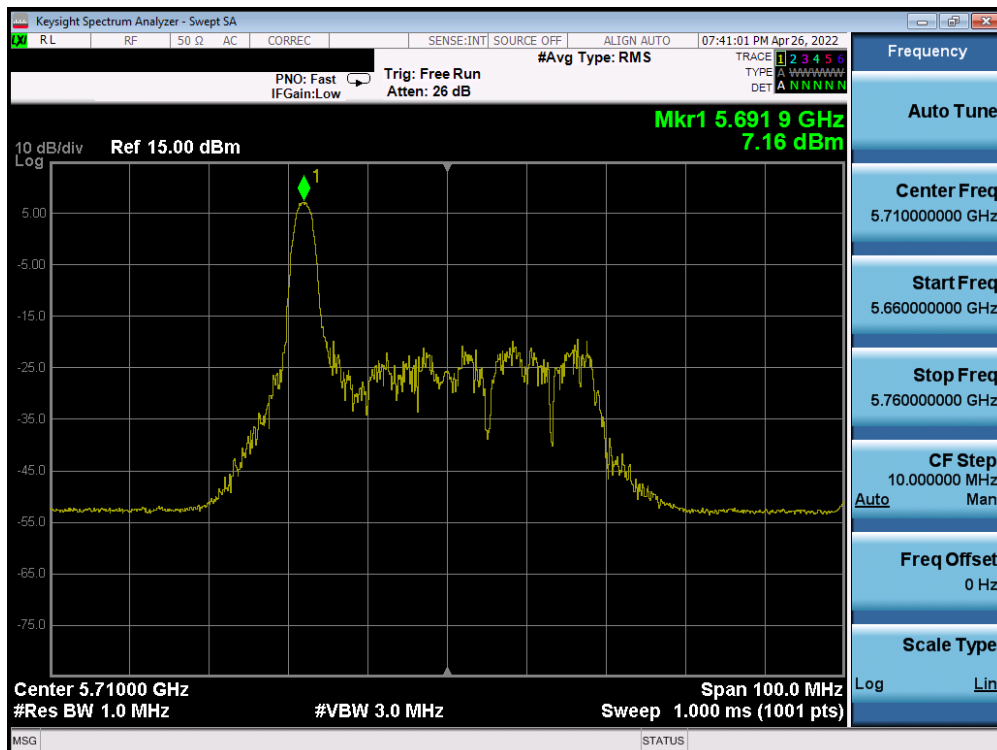


Plot 7-254. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 102)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 194 of 309

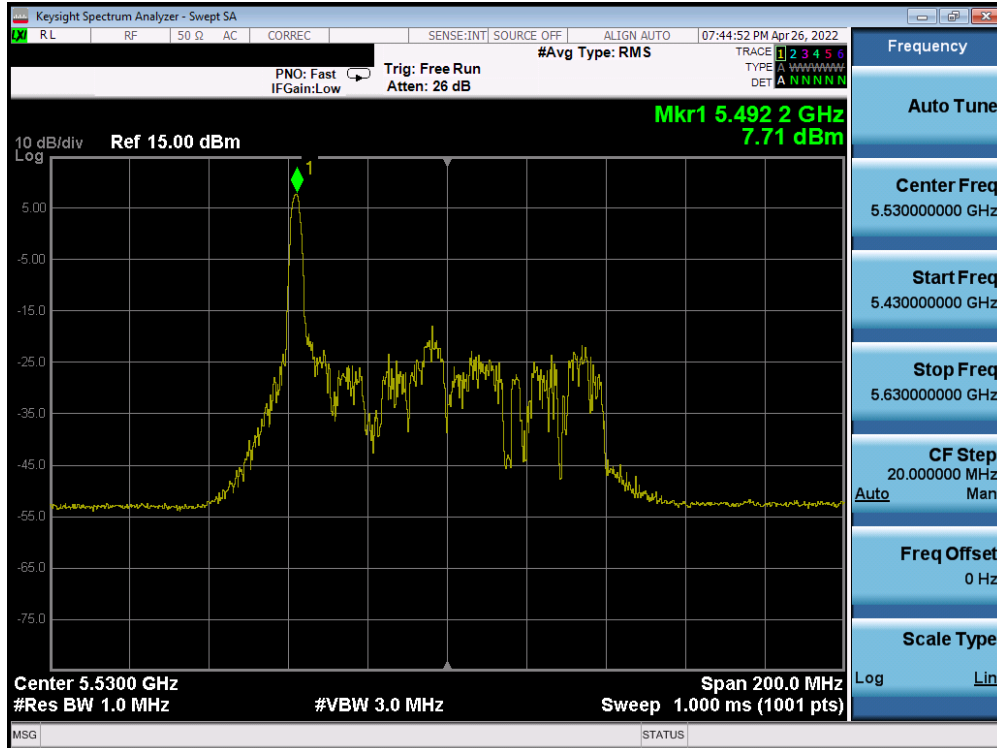


Plot 7-255. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 118)

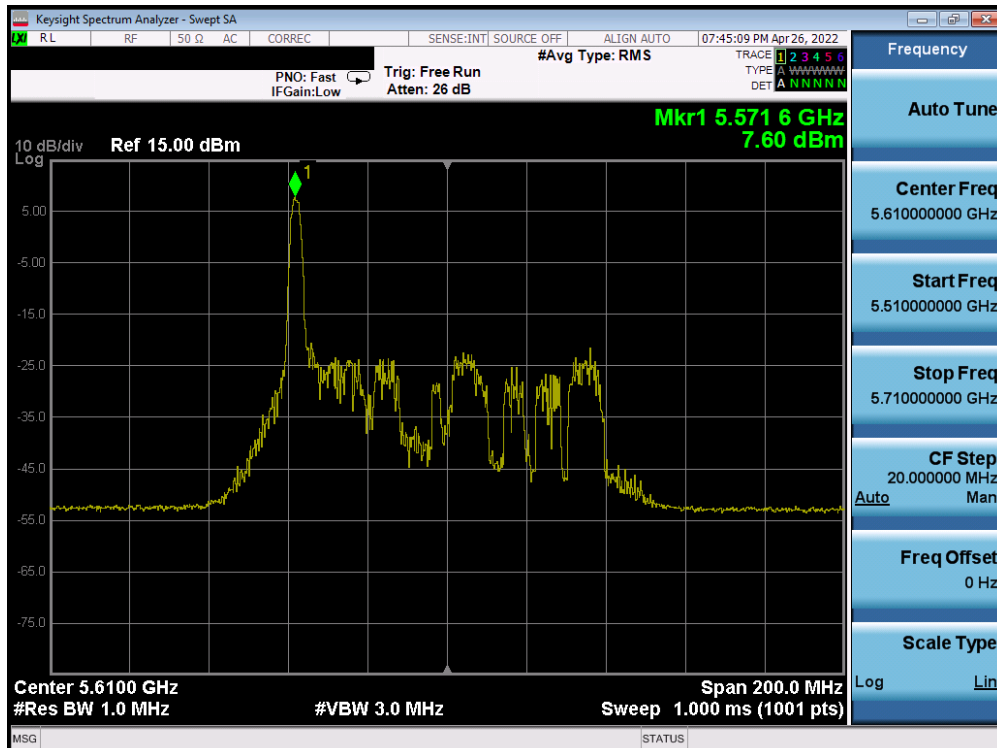


Plot 7-256. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 142)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 195 of 309

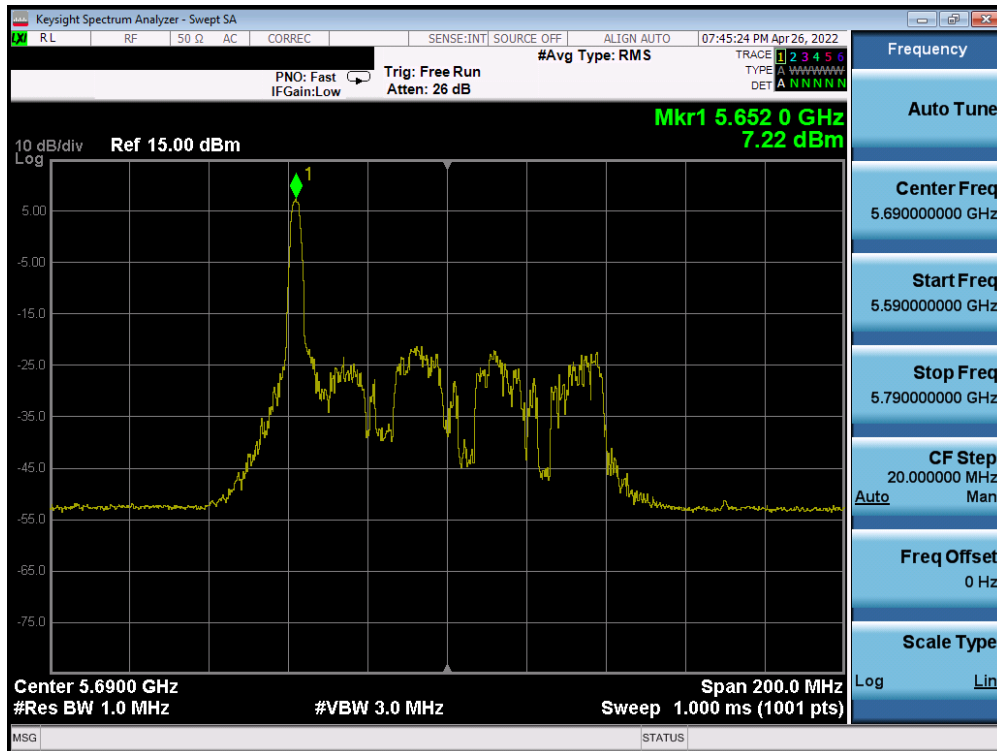


Plot 7-257. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 106)

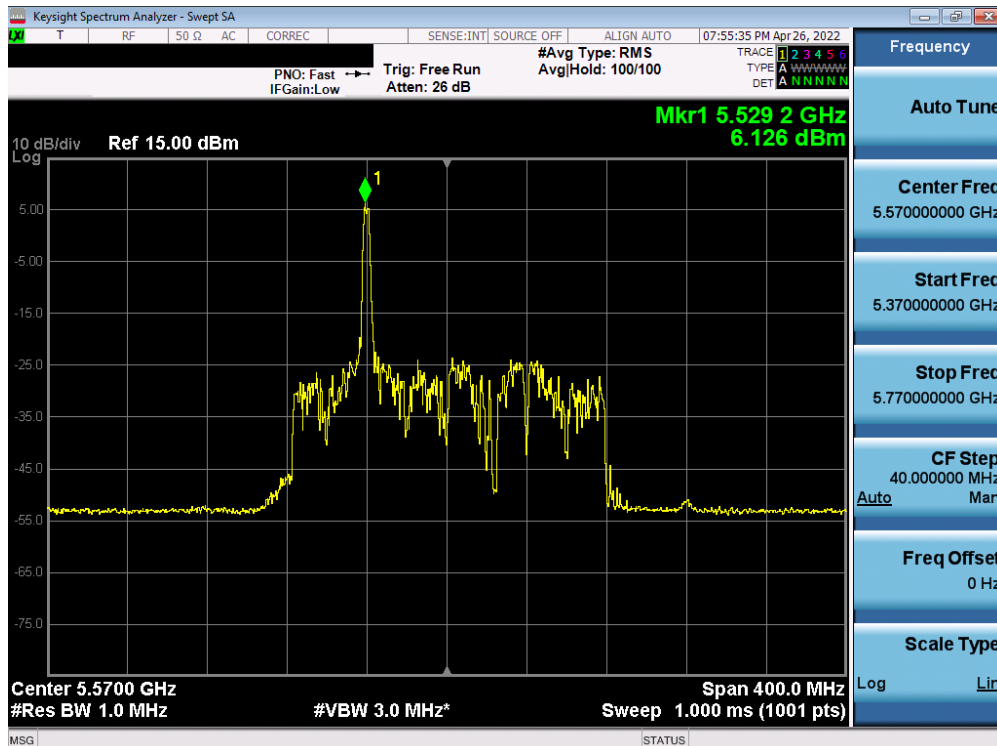


Plot 7-258. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 122)

MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
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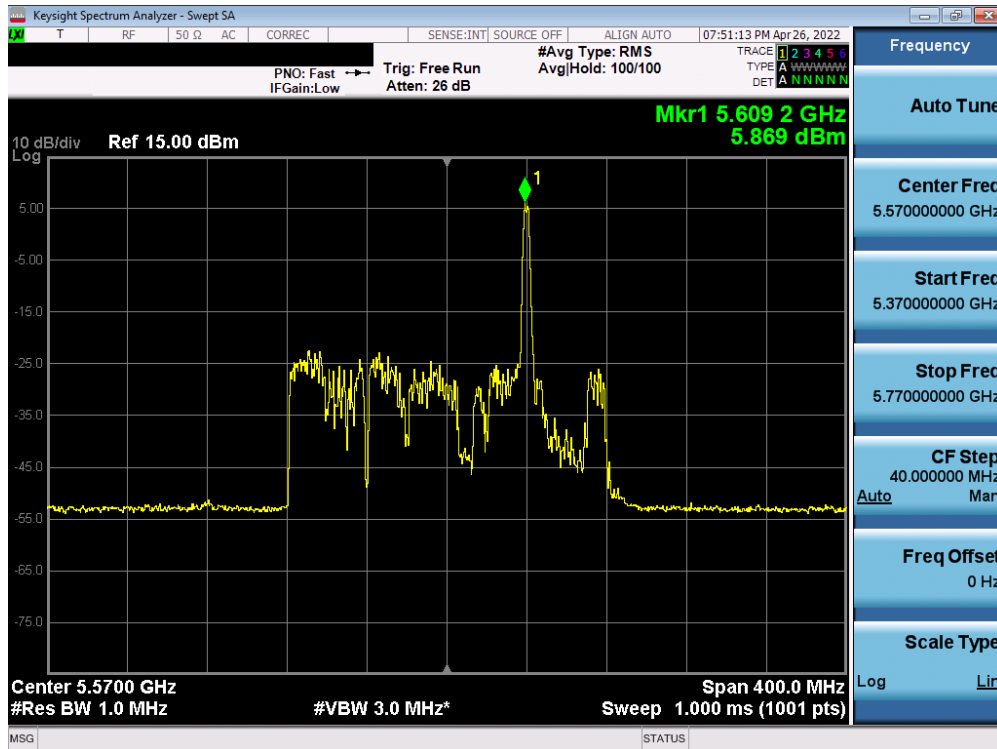


Plot 7-259. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 138)

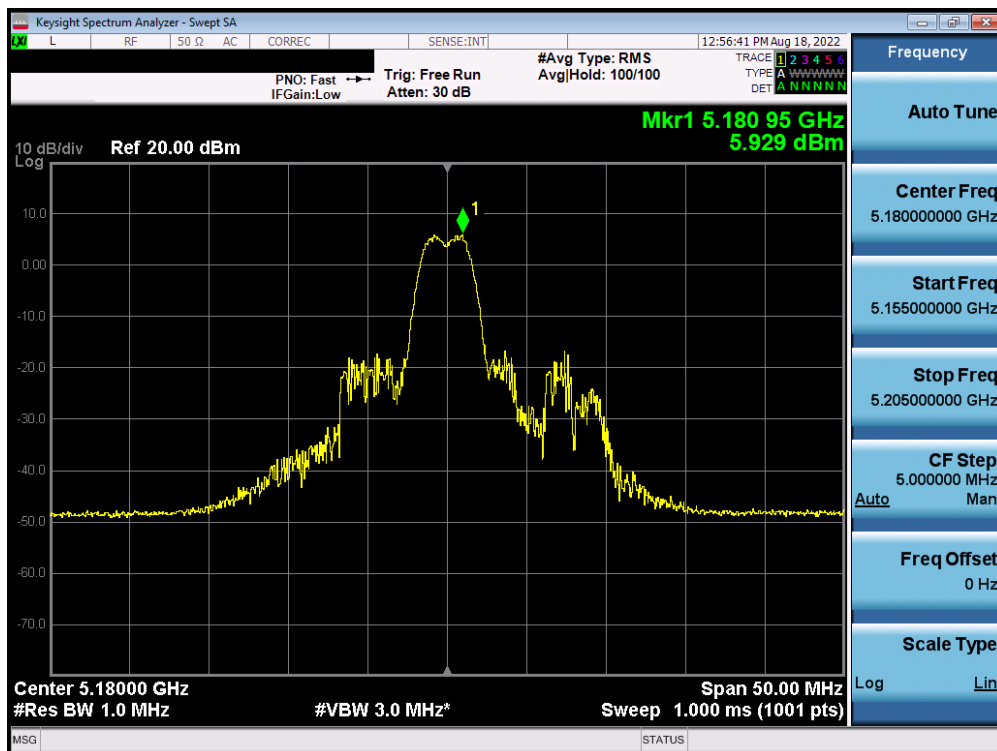


Plot 7-260. Power Spectral Density Plot MIMO ANT1 (160MHz [L] BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 197 of 309

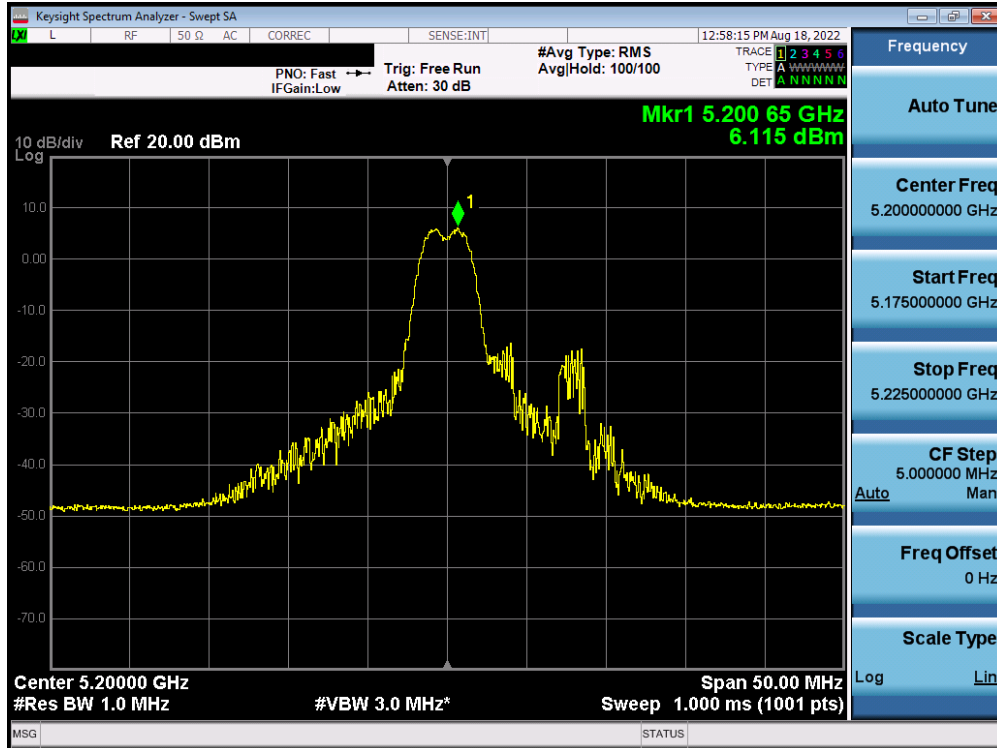


Plot 7-261. Power Spectral Density Plot MIMO ANT1 (160MHz [U] BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 114)

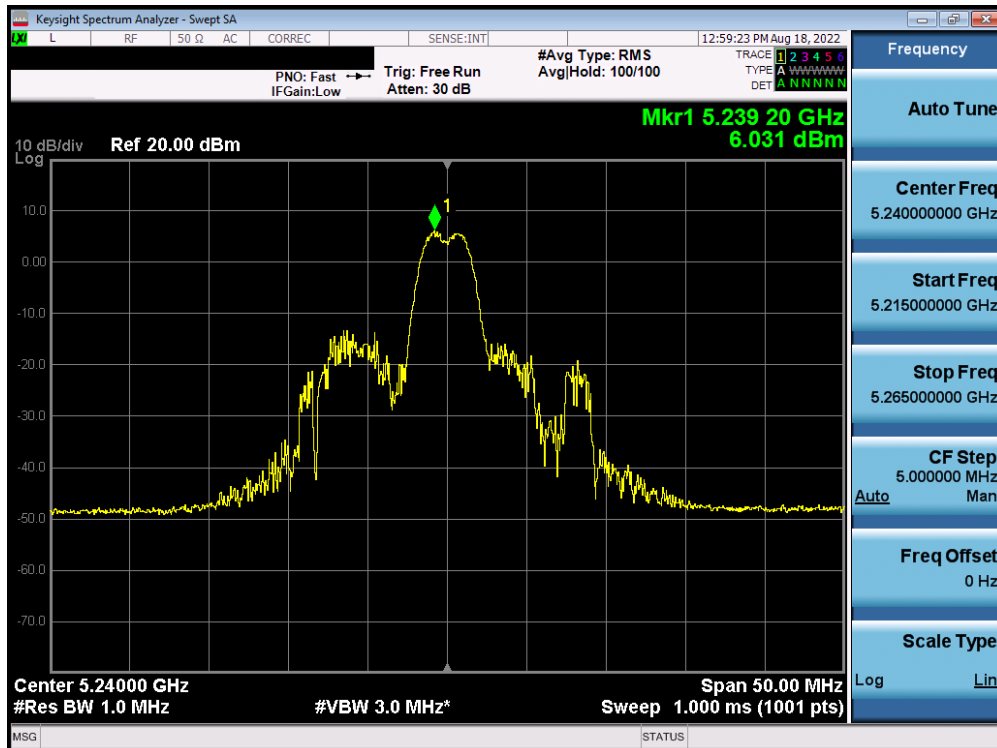


Plot 7-262. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 36)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-16-R2.C3K	Test Dates: 3/14/2022-8/18/2022	EUT Type: Portable Computing Device	Page 198 of 309



Plot 7-263. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 40)



Plot 7-264. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 48)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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