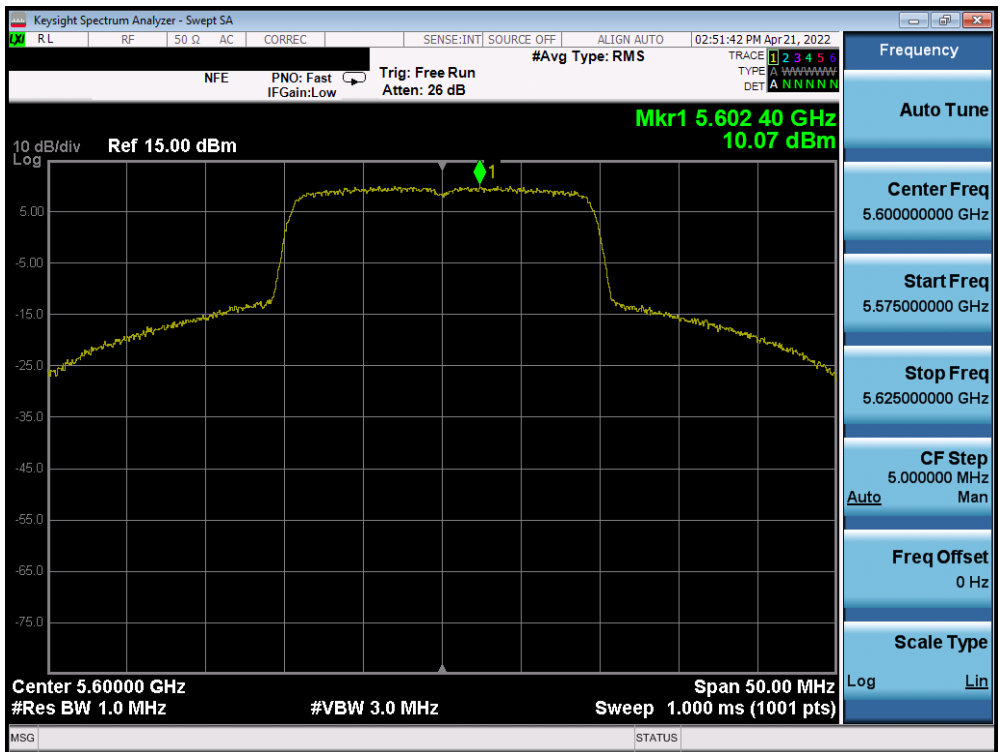
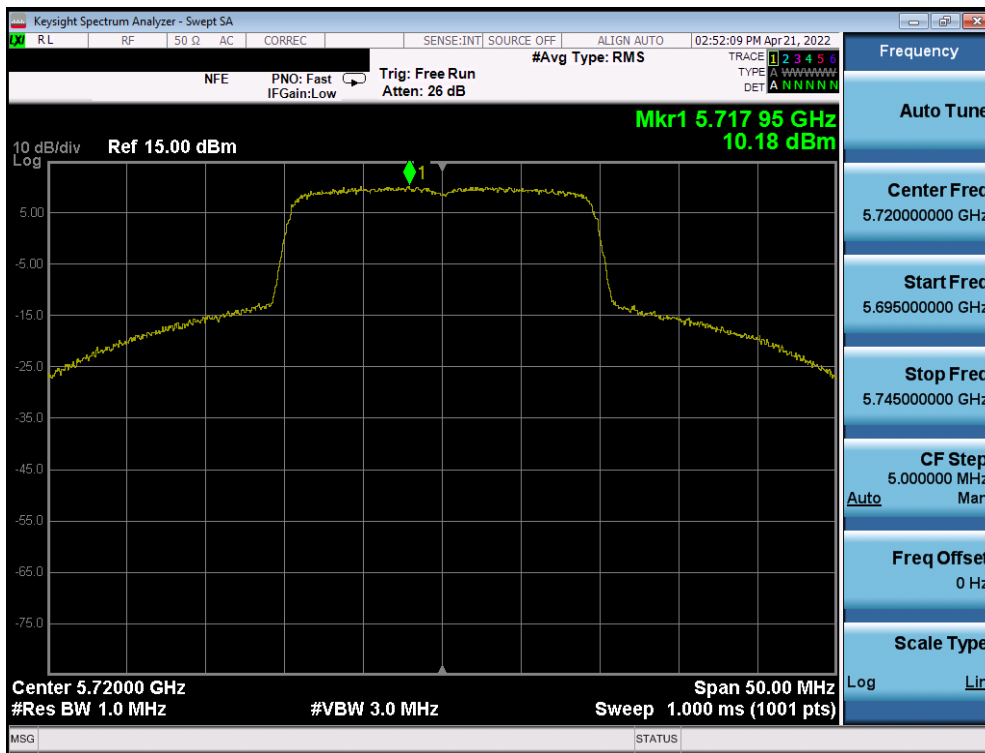


Plot 7-179. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

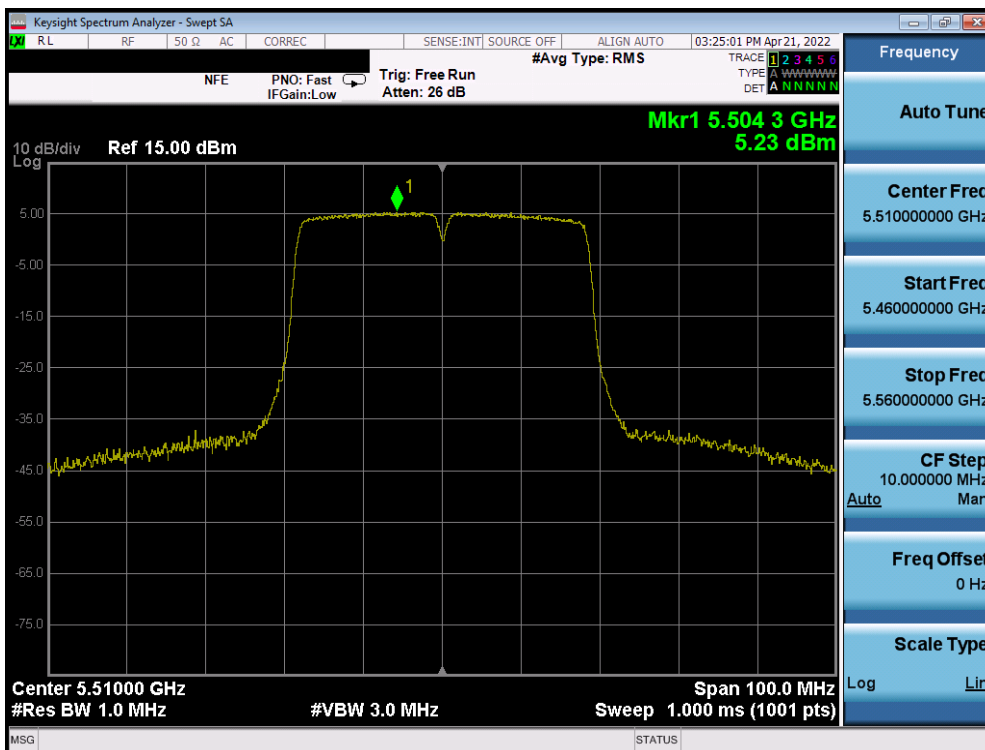


Plot 7-180. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 116)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 123 of 284

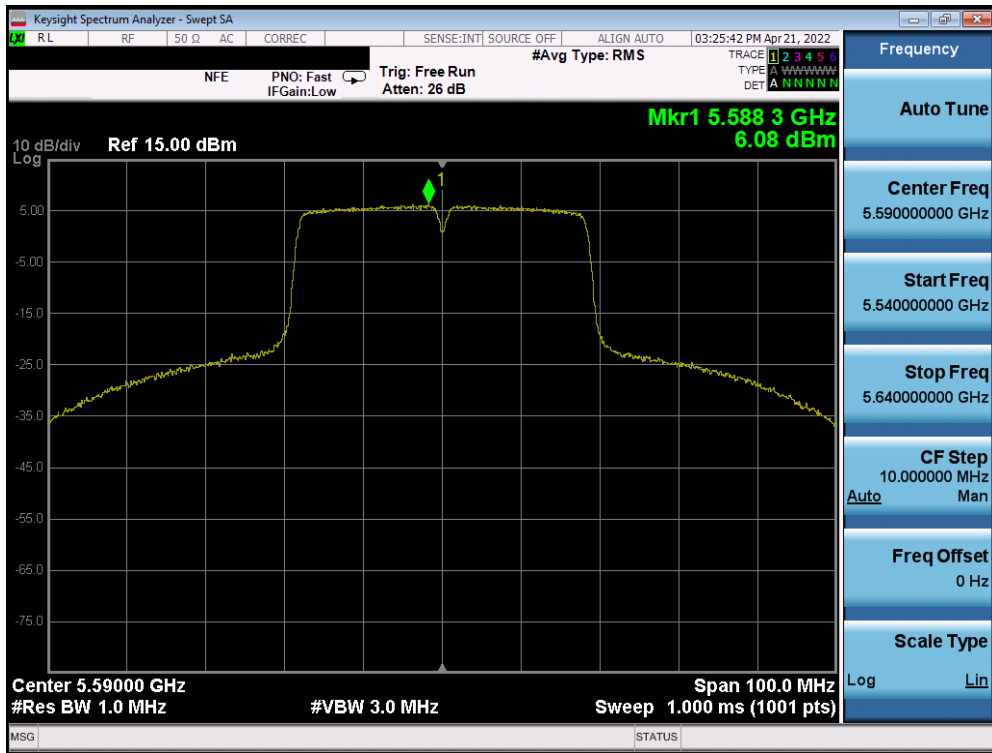


Plot 7-181. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 140)

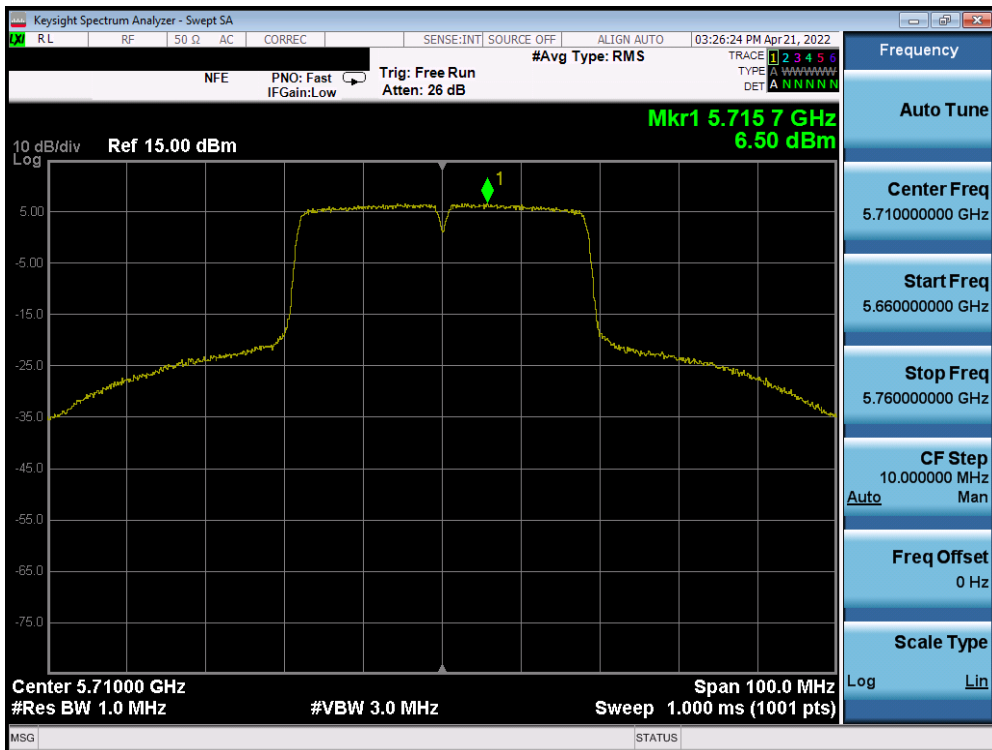


Plot 7-182. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 124 of 284

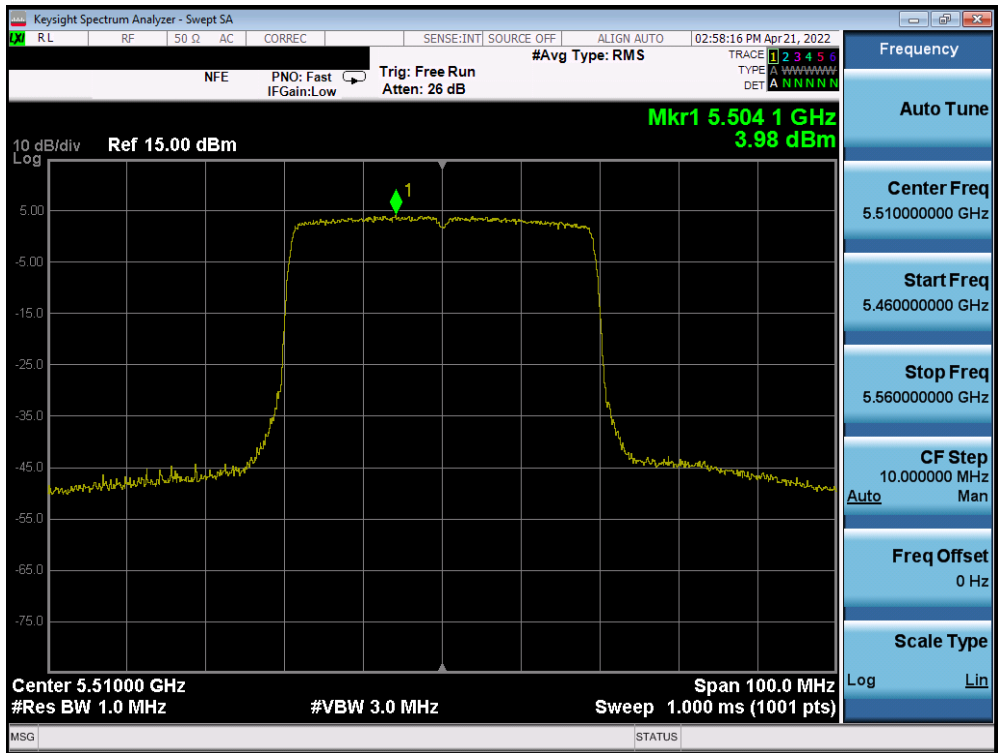


Plot 7-183. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 110)

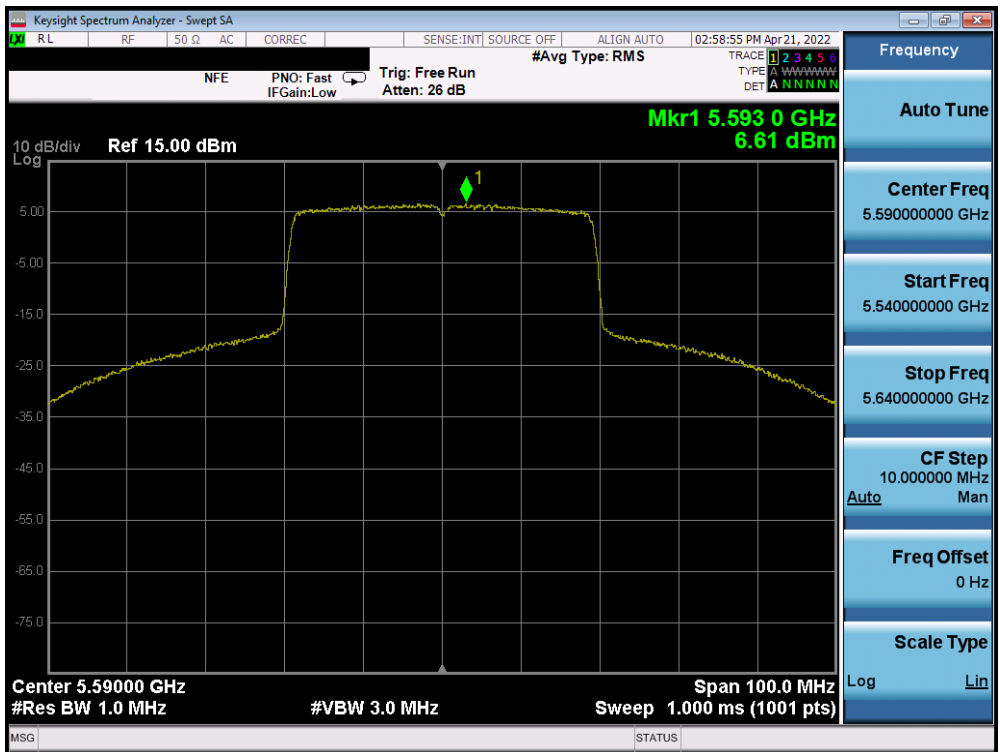


Plot 7-184. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 134)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 125 of 284

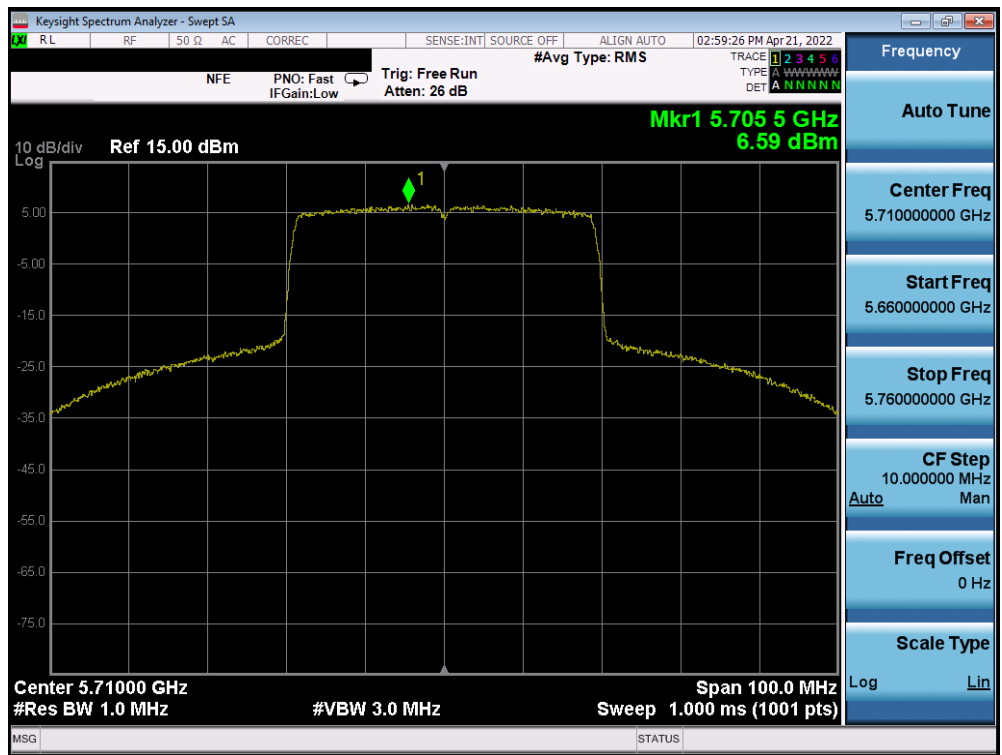


Plot 7-185. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

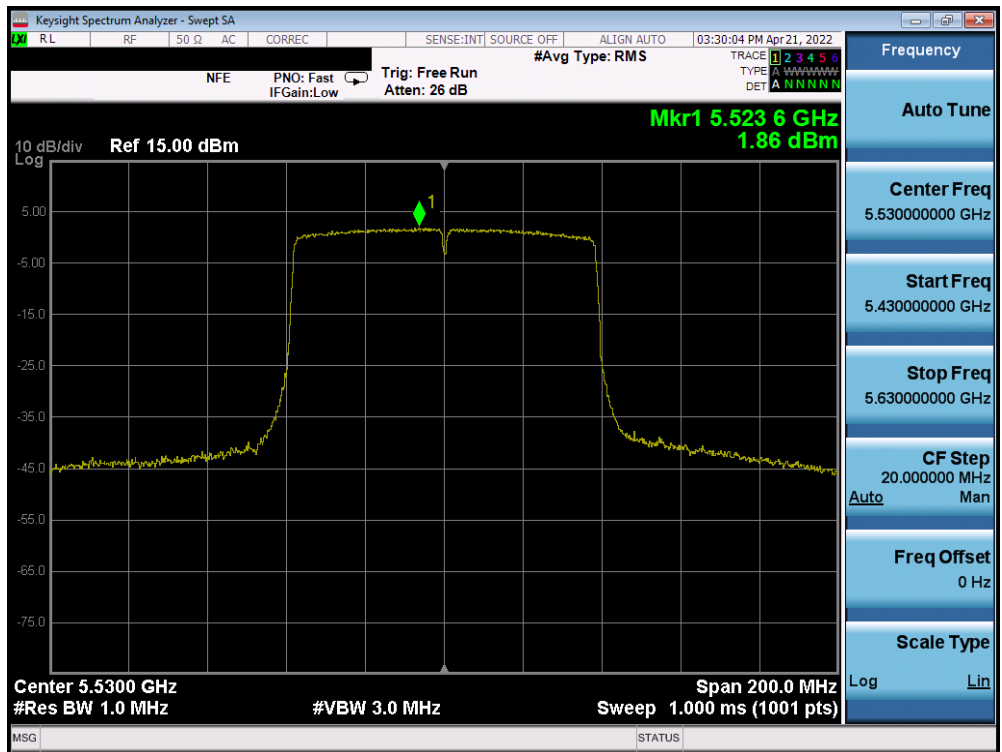


Plot 7-186. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 110)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 126 of 284

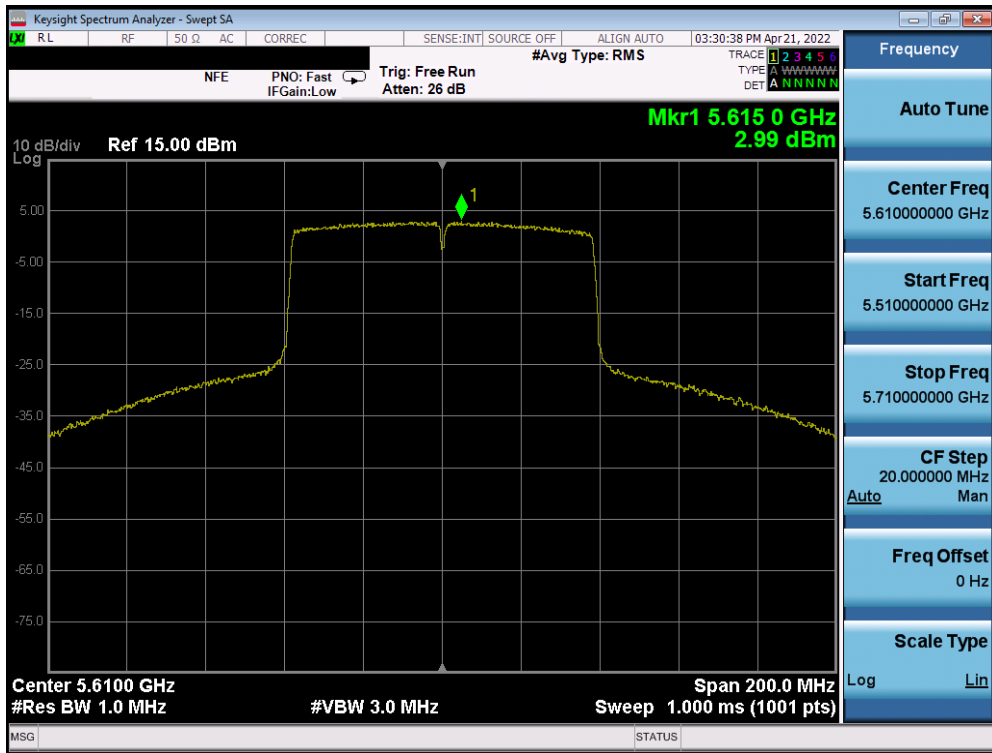


Plot 7-187. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 134)

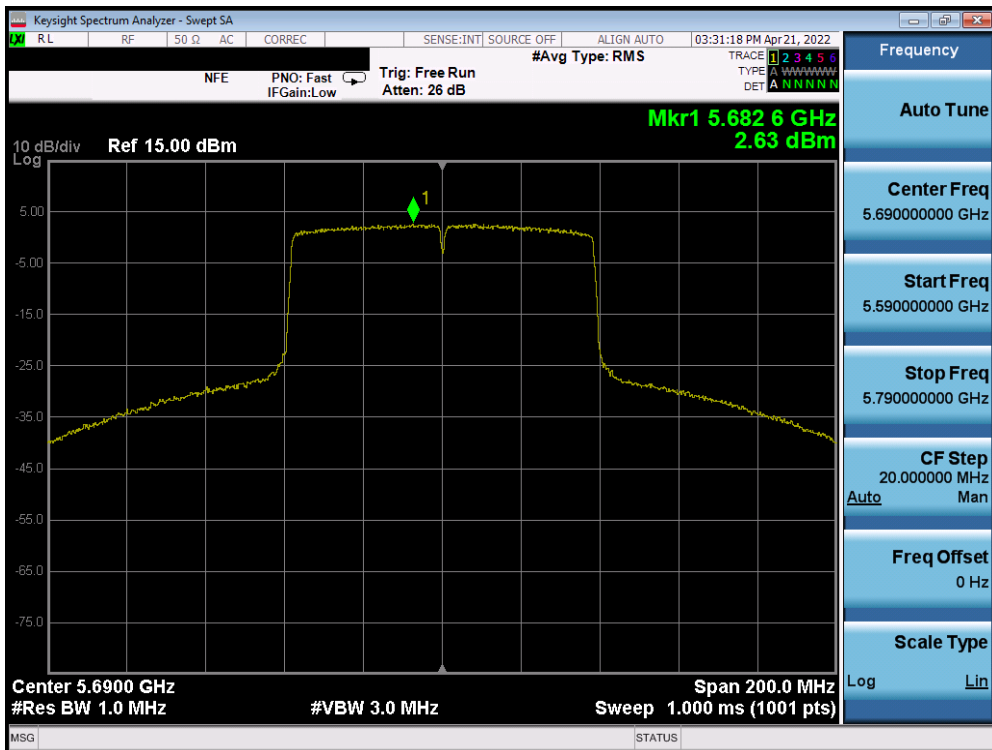


Plot 7-188. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

MEASUREMENT REPORT (CERTIFICATION)			Approved by: Technical Manager
FCC ID: C3K1997	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 127 of 284
Test Report S/N: 1M2204040049-15-R1.C3K			

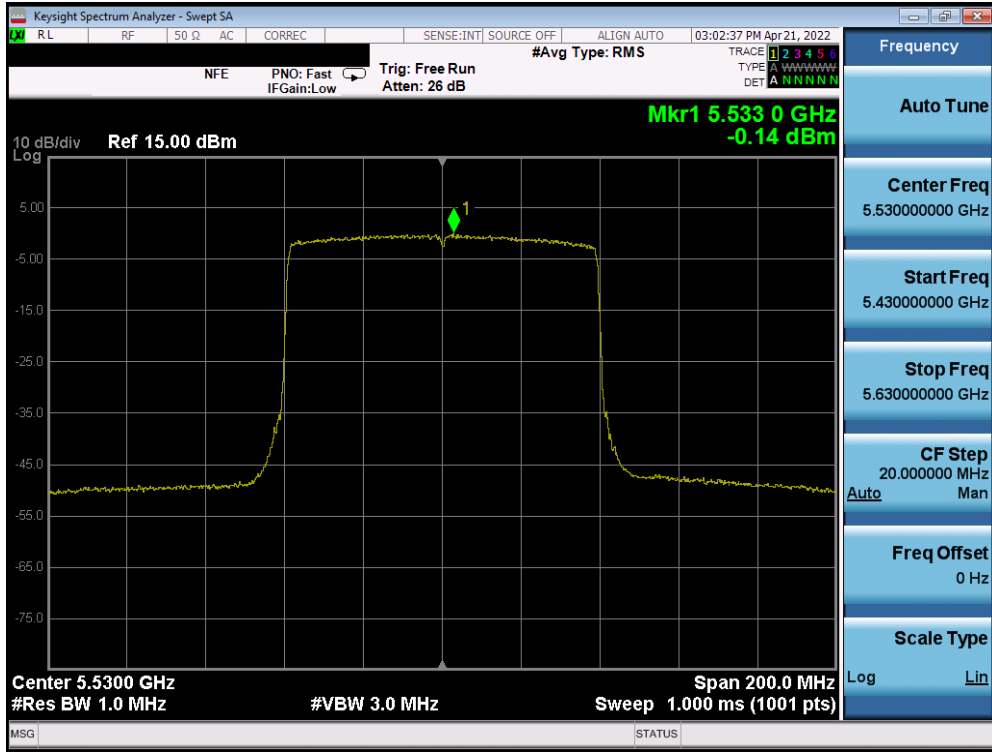


Plot 7-189. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

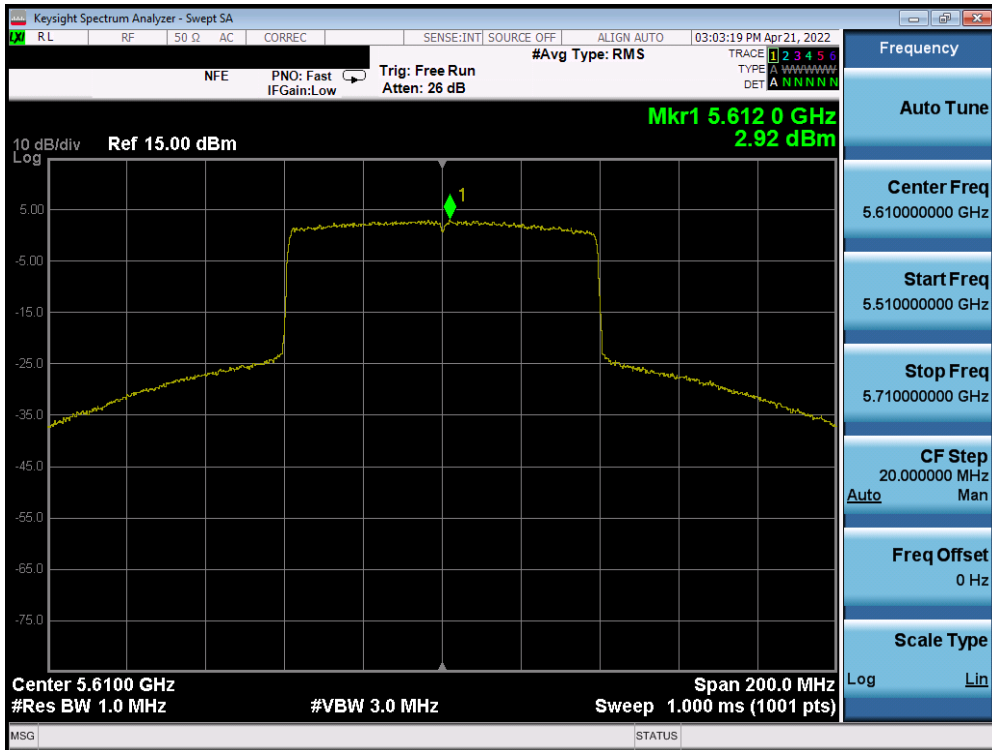


Plot 7-190. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 128 of 284

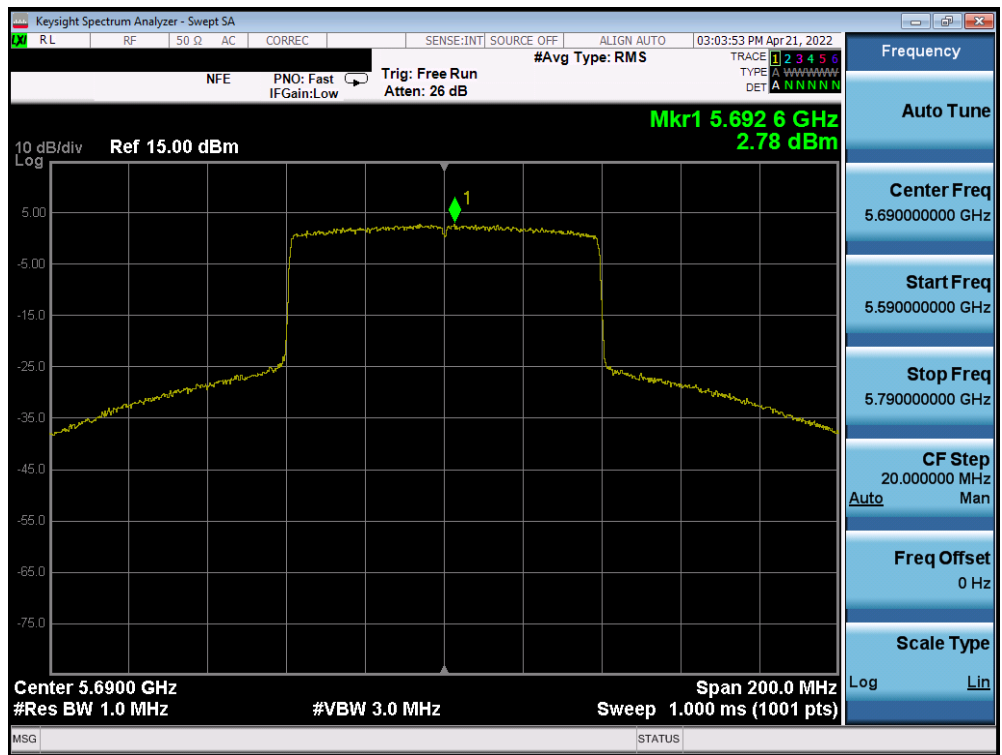


Plot 7-191. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 106)

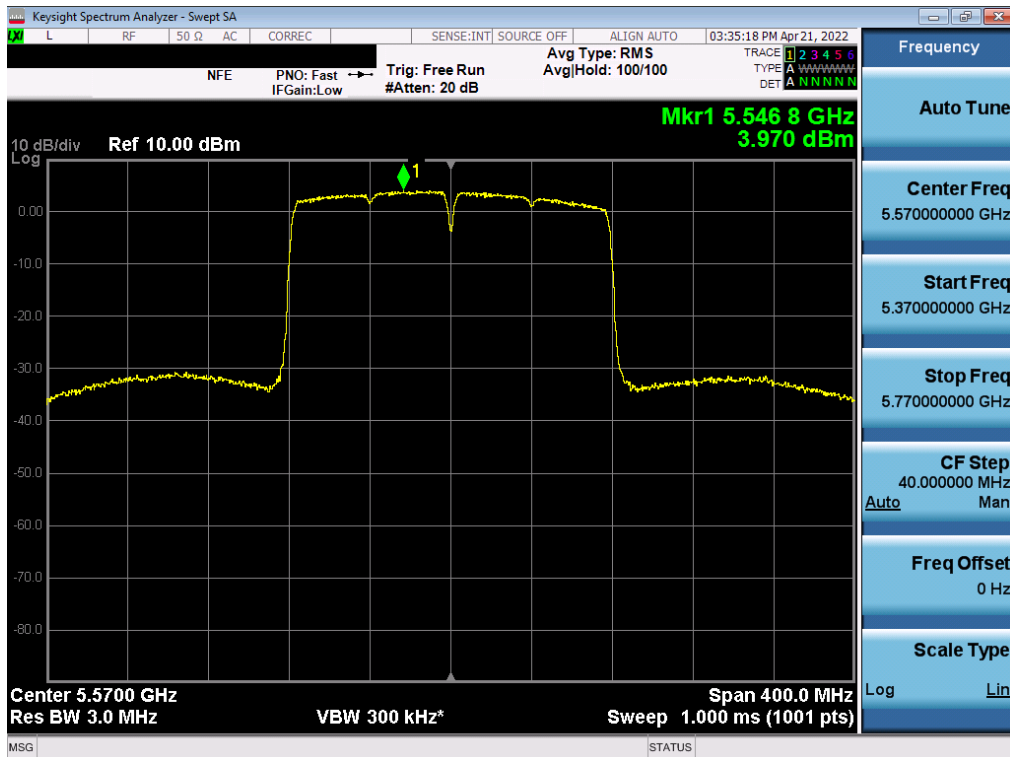


Plot 7-192. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 122)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 129 of 284

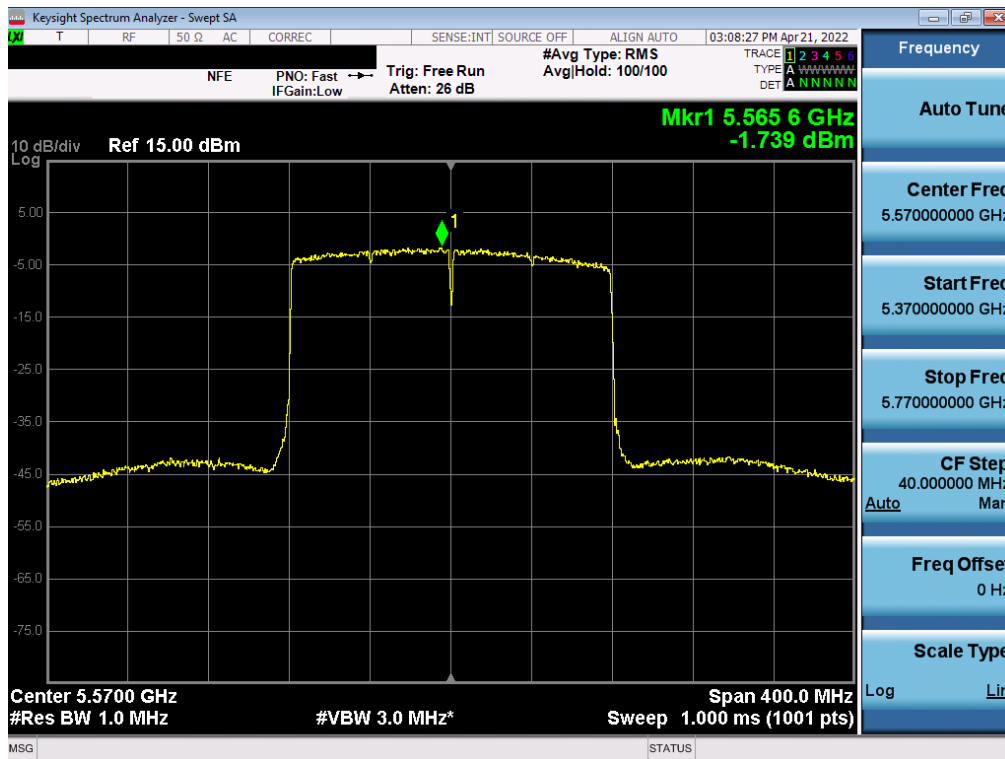


Plot 7-193. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 138)



Plot 7-194. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ac (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 130 of 284

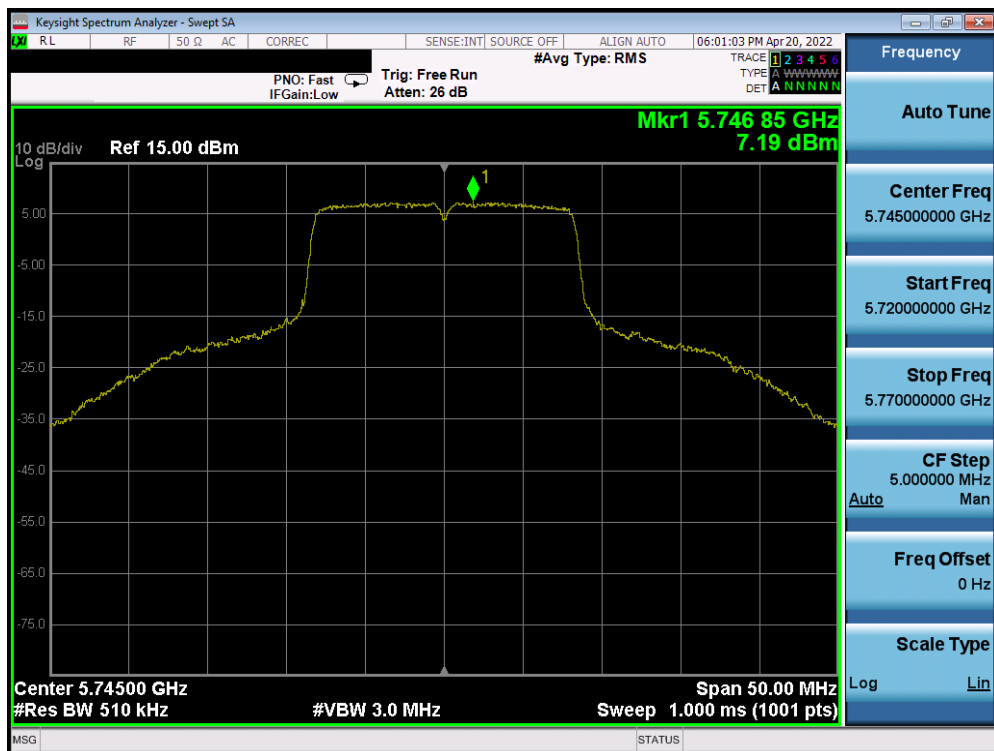


Plot 7-195. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ax (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 131 of 284

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	6	7.19	30.0	-22.82
	5785	157	a	6	7.78	30.0	-22.22
	5825	165	a	6	7.52	30.0	-22.48
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	7.87	30.0	-22.13
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	7.41	30.0	-22.59
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	7.40	30.0	-22.60
	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	7.35	30.0	-22.65
	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	7.08	30.0	-22.92
	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	7.15	30.0	-22.85
	5755	151	n (40MHz)	13.5/15 (MCS0)	3.66	30.0	-26.34
	5795	159	n (40MHz)	13.5/15 (MCS0)	3.63	30.0	-26.37
	5755	151	ax (40MHz)	13.5/15 (MCS0)	4.44	30.0	-25.56
	5795	159	ax (40MHz)	13.5/15 (MCS0)	4.29	30.0	-25.71
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-0.22	30.0	-30.22
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-0.30	30.0	-30.30

Table 7-26. Band 3 Conducted Power Spectral Density Measurements SISO ANT1

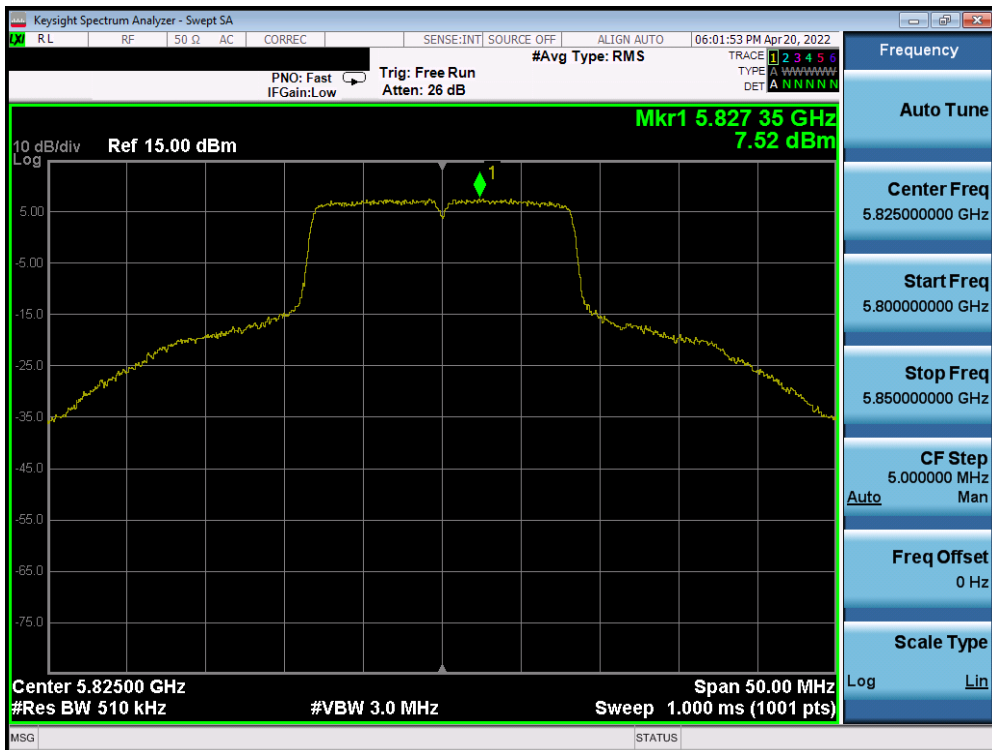


Plot 7-196. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 149)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 132 of 284	

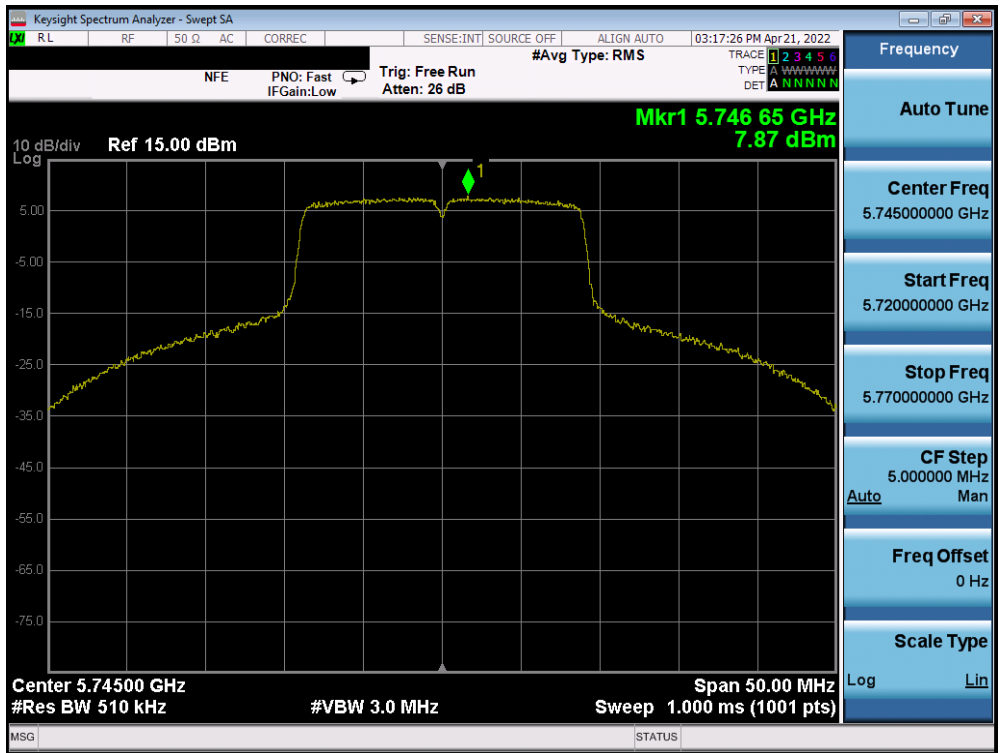


Plot 7-197. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 157)

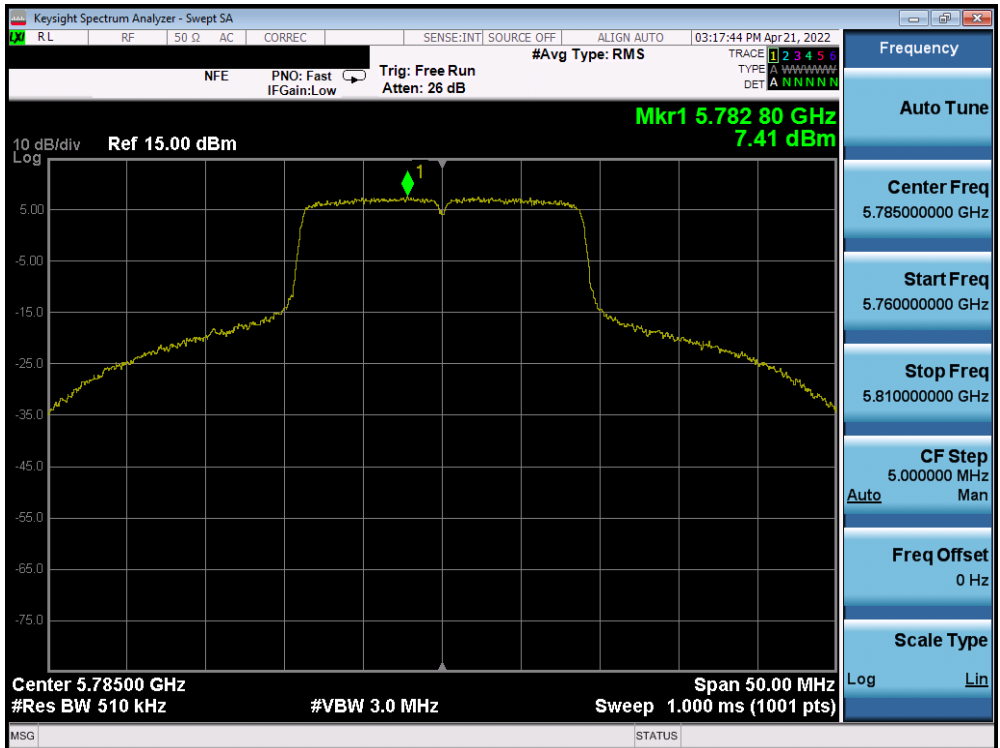


Plot 7-198. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 165)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 133 of 284

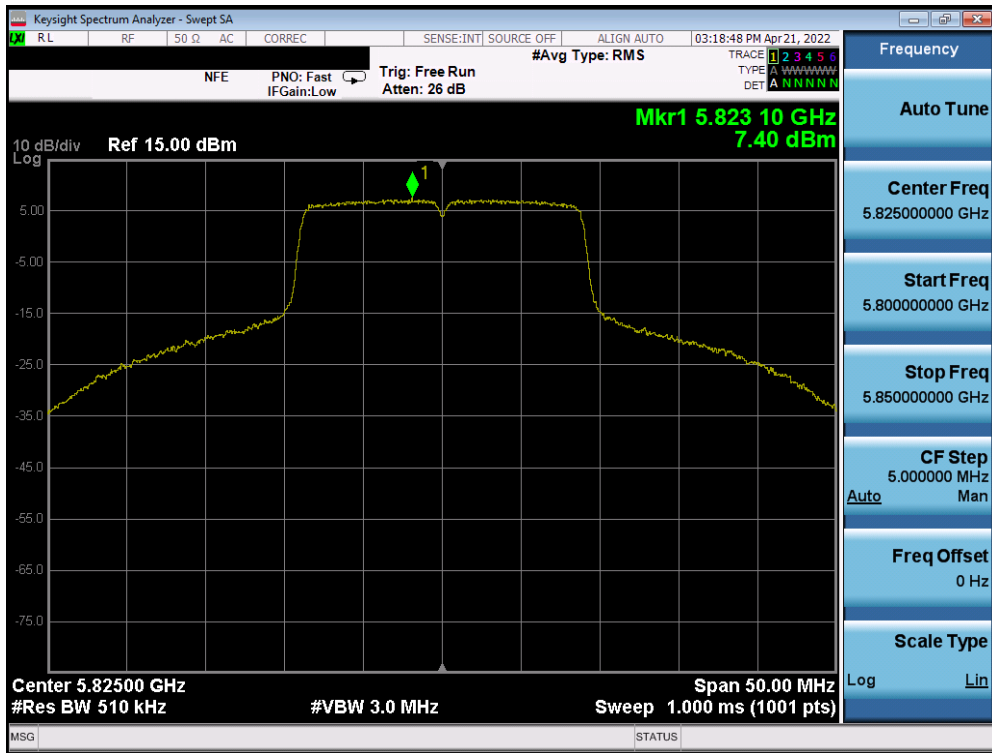


Plot 7-199. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

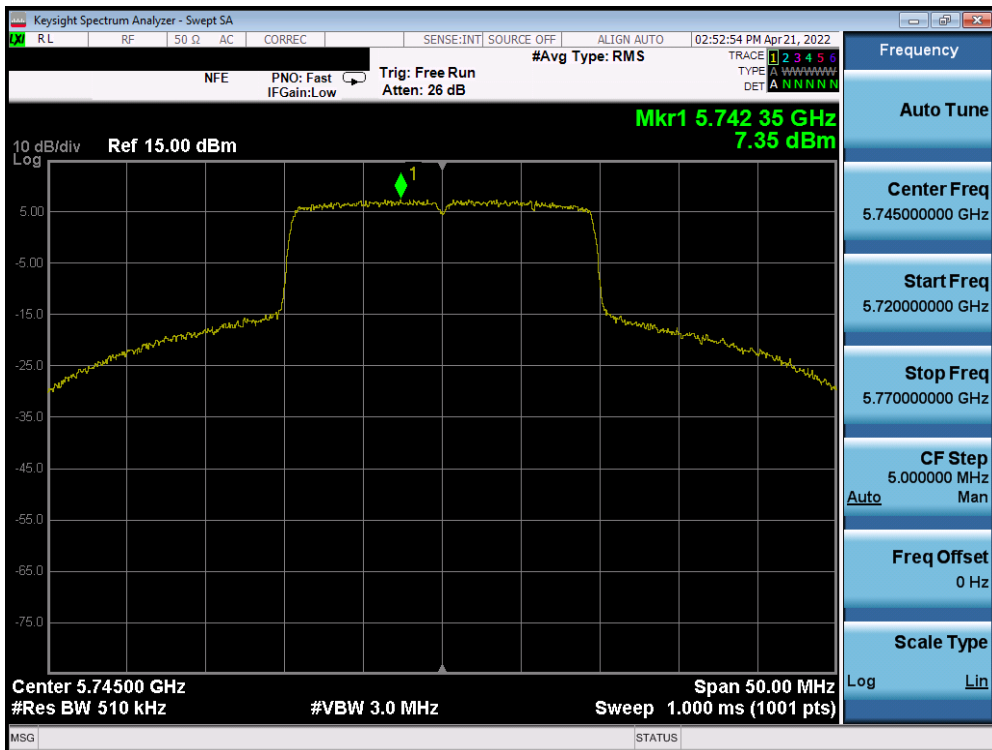


Plot 7-200. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 157)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 134 of 284

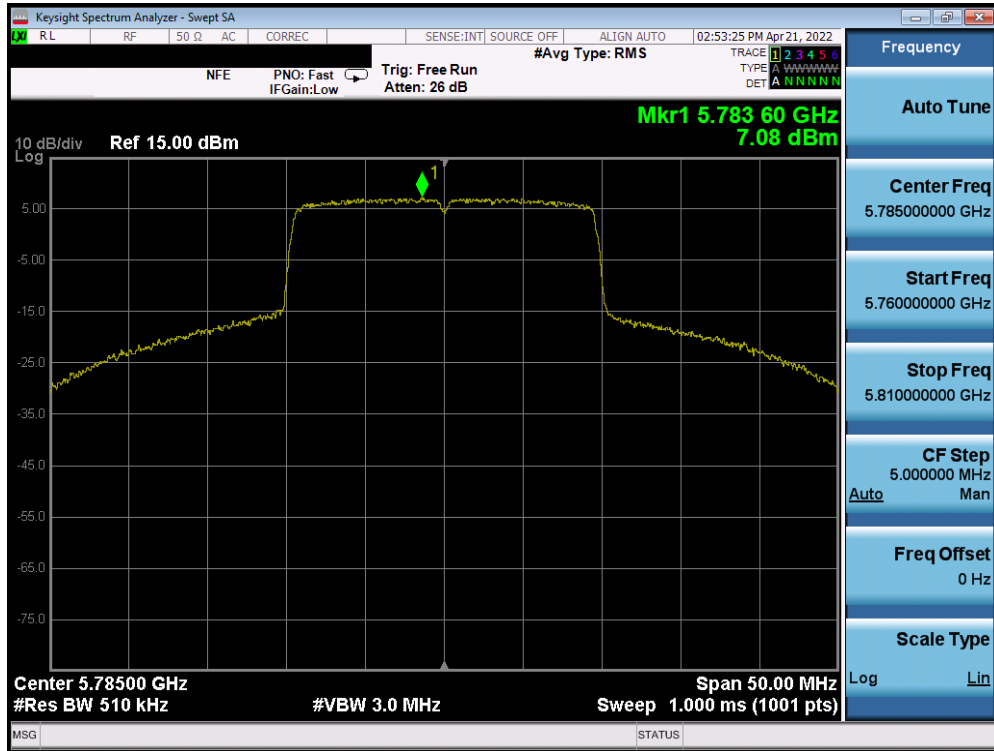


Plot 7-201. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

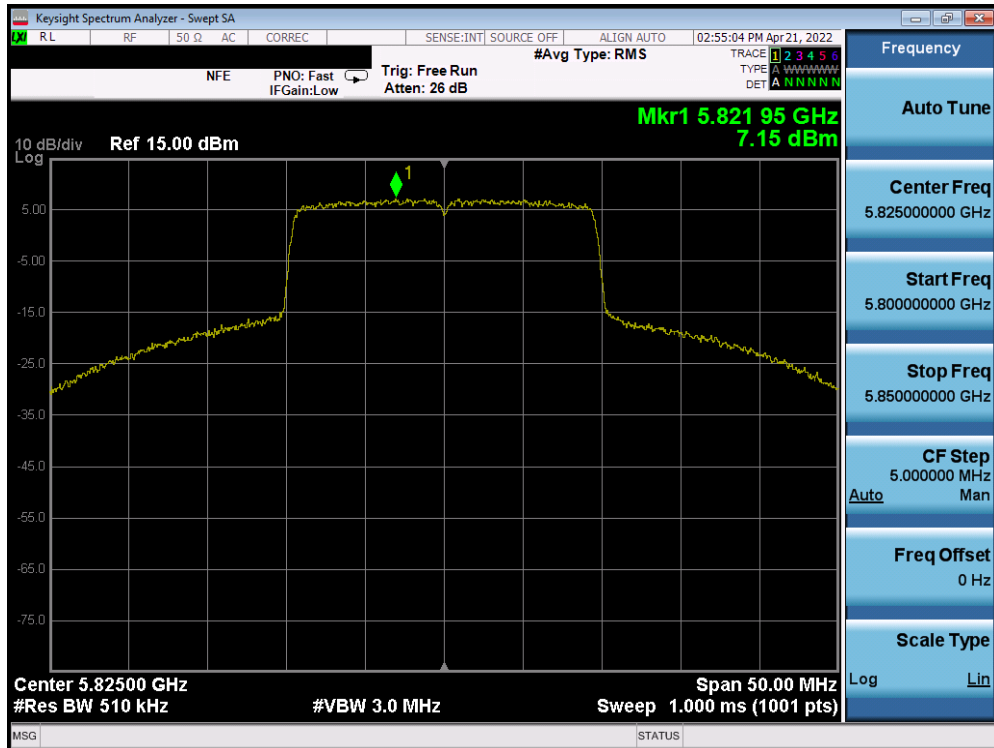


Plot 7-202. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 135 of 284

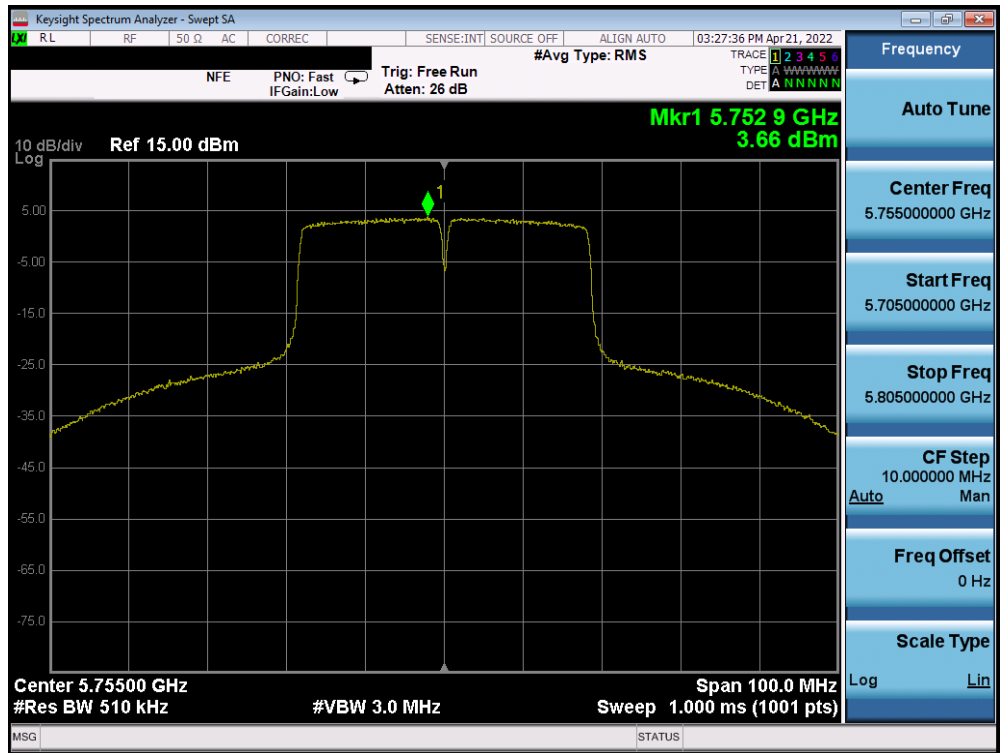


Plot 7-203. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

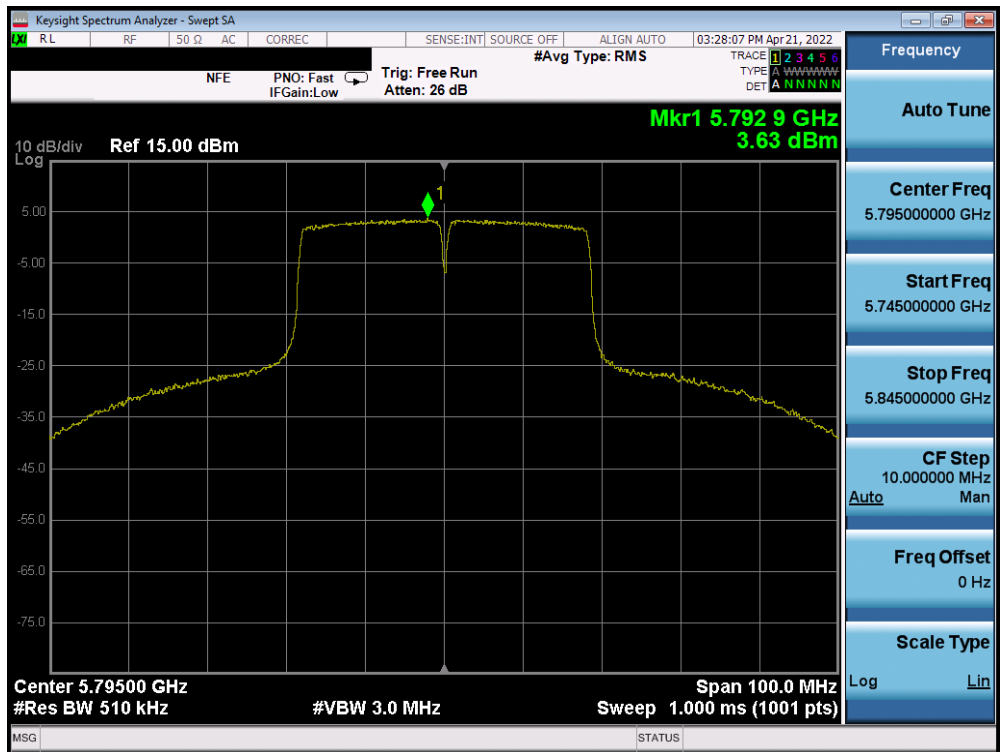


Plot 7-204. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 136 of 284

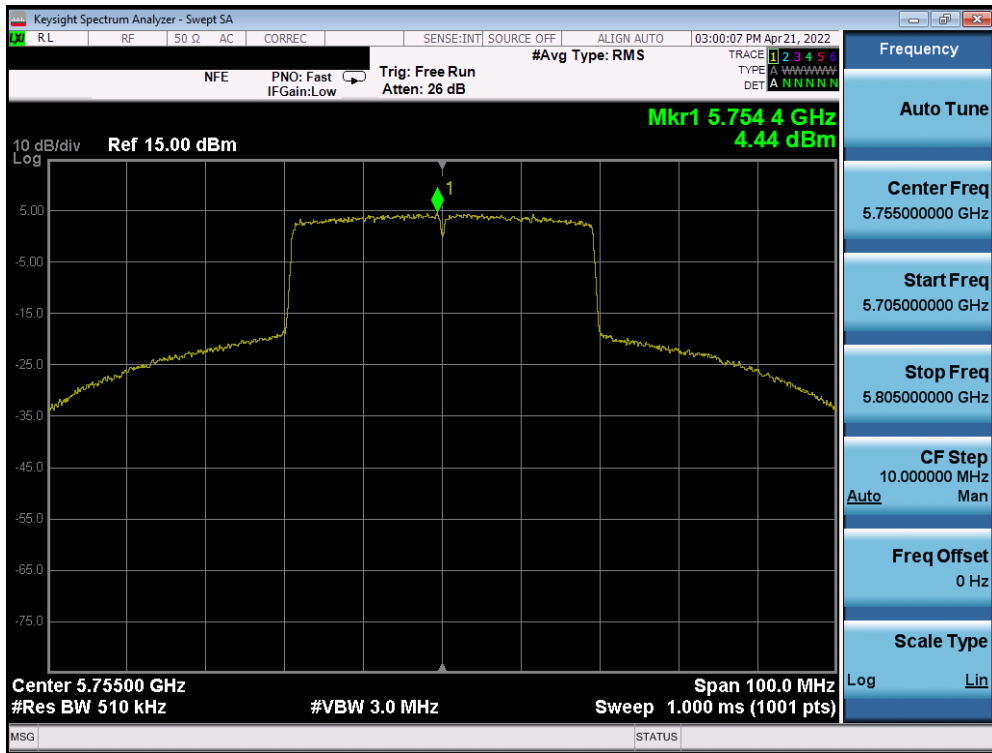


Plot 7-205. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

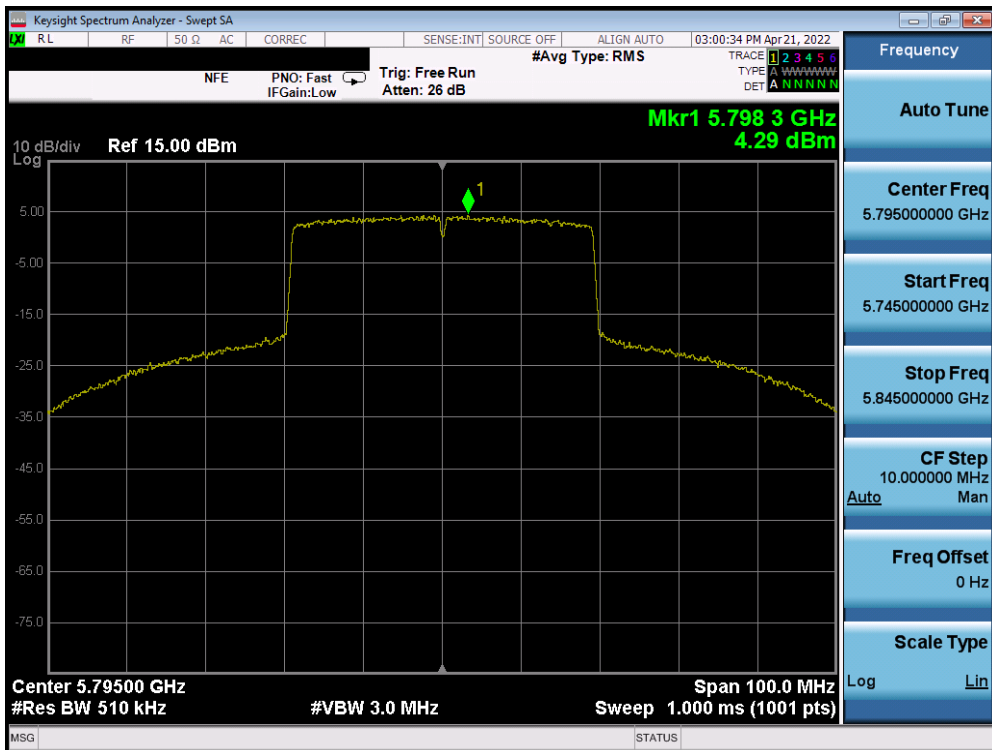


Plot 7-206. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 159)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 137 of 284

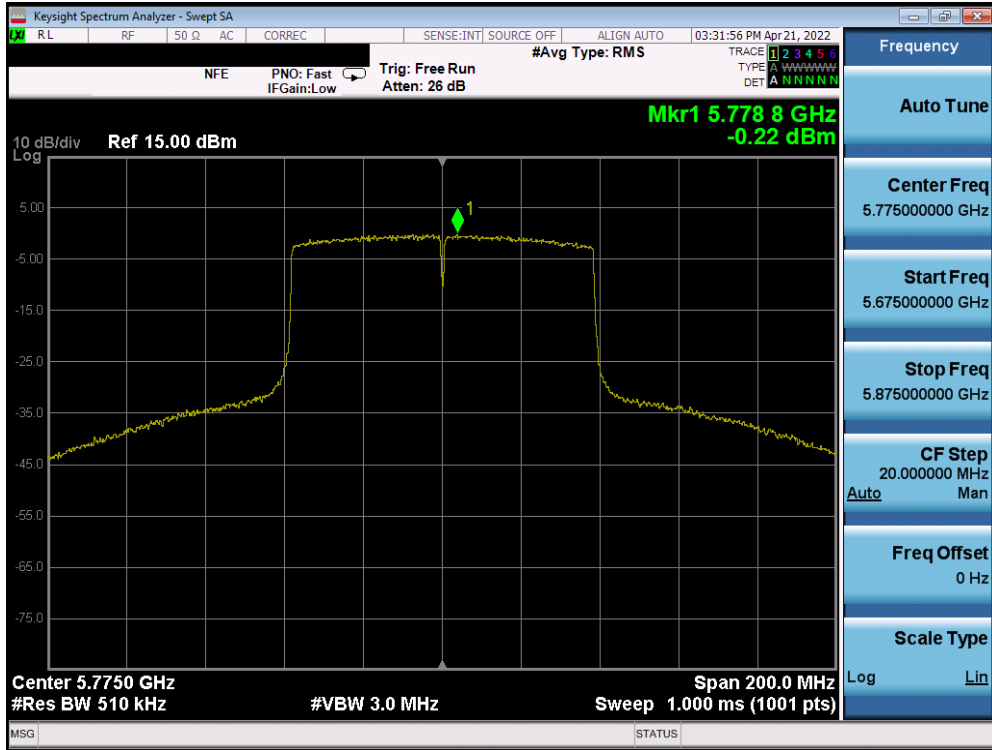


Plot 7-207. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 151)

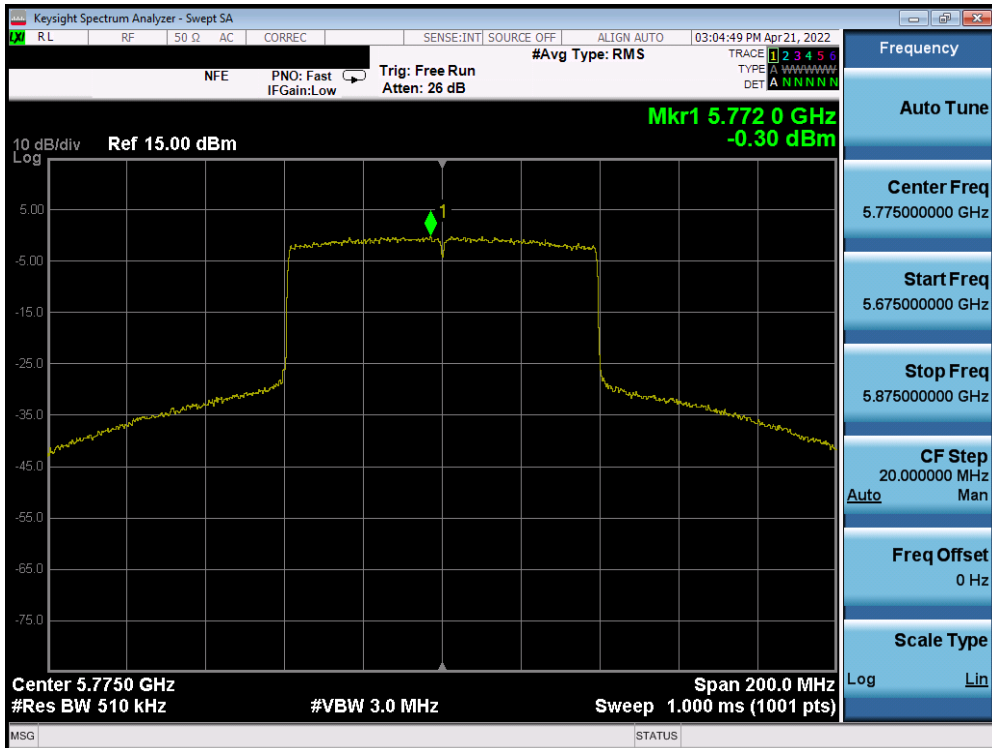


Plot 7-208. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 159)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 138 of 284



Plot 7-209. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)



Plot 7-210. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 3) – Ch. 155)

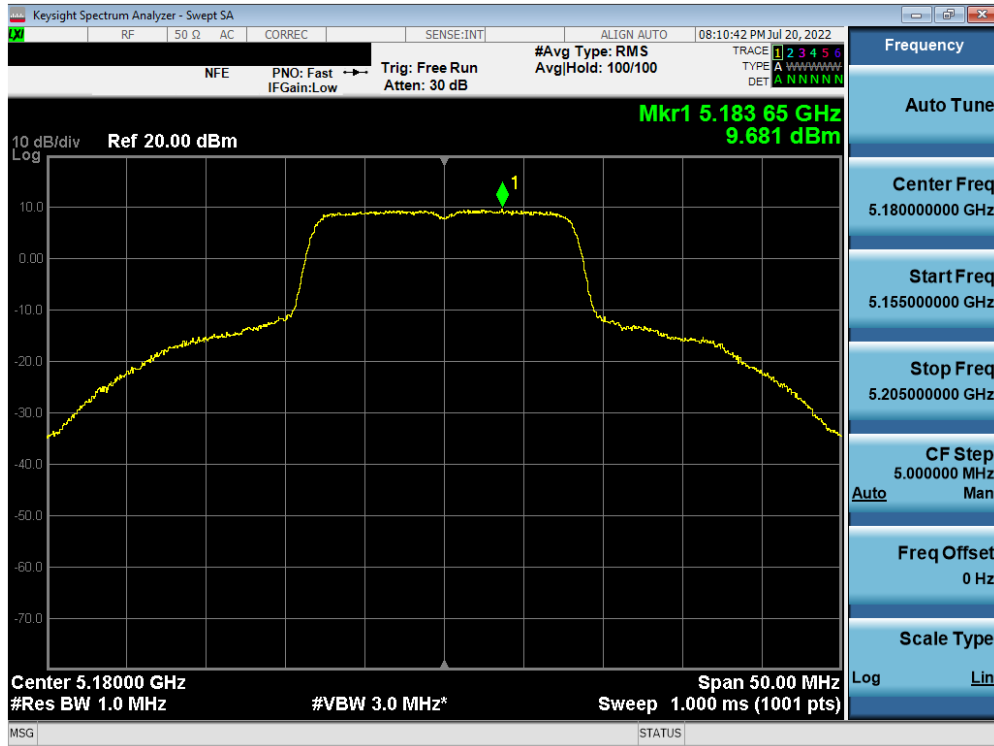
FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 139 of 284

SISO Antenna-2 Power Spectral Density Measurements

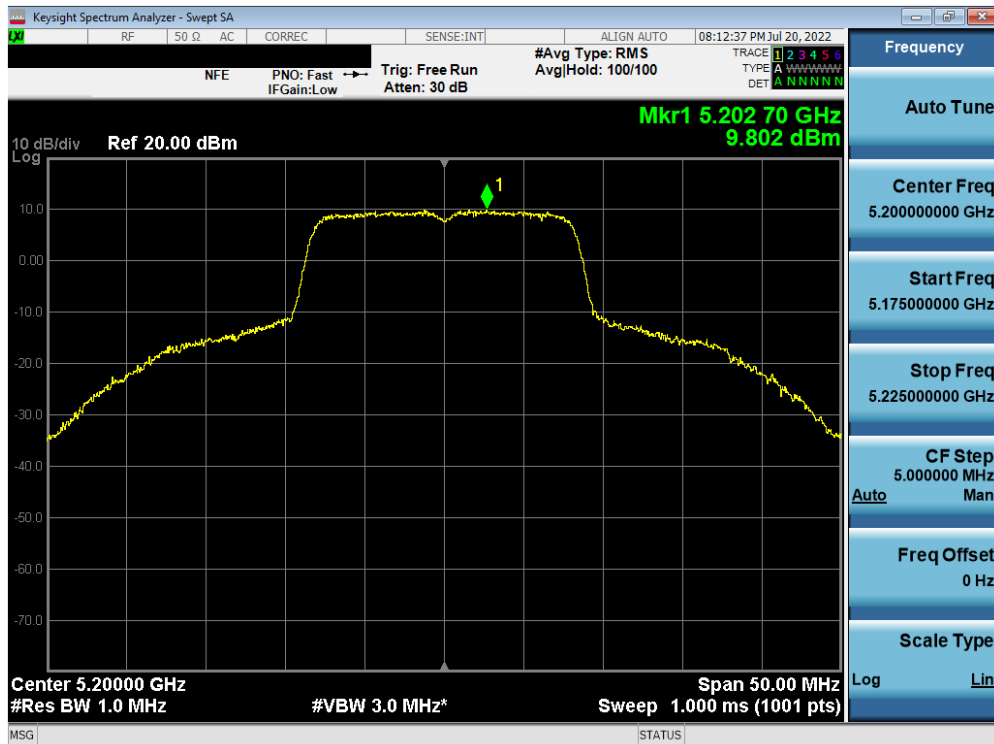
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6	9.68	11.0	-1.32
	5200	40	a	6	9.80	11.0	-1.20
	5240	48	a	6	9.97	11.0	-1.03
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	9.28	11.0	-1.72
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	9.43	11.0	-1.57
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	9.65	11.0	-1.35
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	9.09	11.0	-1.92
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	9.23	11.0	-1.77
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	9.34	11.0	-1.66
	5190	38	n (40MHz)	13.5/15 (MCS0)	2.10	11.0	-8.90
	5230	46	n (40MHz)	13.5/15 (MCS0)	2.30	11.0	-8.70
	5190	38	ax (40MHz)	13.5/15 (MCS0)	2.55	11.0	-8.45
	5230	46	ax (40MHz)	13.5/15 (MCS0)	2.66	11.0	-8.34
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-0.96	11.0	-11.96
5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-0.28	11.0	-11.28	
Band 1/2A	5250	50	ac (160MHz)	58.5/65 (MCS0)	-3.34	11.0	-14.34
	5250	50	ax (160MHz)	58.5/65 (MCS0)	-1.71	11.0	-12.71
Band 2A	5260	52	a	6	10.12	11.0	-0.89
	5280	56	a	6	10.16	11.0	-0.84
	5320	64	a	6	10.25	11.0	-0.75
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	8.52	11.0	-2.48
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	8.48	11.0	-2.52
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	8.87	11.0	-2.14
	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	9.48	11.0	-1.52
	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	9.57	11.0	-1.43
	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	9.63	11.0	-1.37
	5270	54	n (40MHz)	13.5/15 (MCS0)	6.06	11.0	-4.94
	5310	62	n (40MHz)	13.5/15 (MCS0)	3.38	11.0	-7.62
	5270	54	ax (40MHz)	13.5/15 (MCS0)	6.07	11.0	-4.93
	5310	62	ax (40MHz)	13.5/15 (MCS0)	3.56	11.0	-7.44
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	0.69	11.0	-10.31
5290	58	ax (80MHz)	29.3/32.5 (MCS0)	0.75	11.0	-10.25	
Band 2C	5500	100	a	6	9.95	11.0	-1.05
	5600	120	a	6	9.56	11.0	-1.44
	5720	144	a	6	9.95	11.0	-1.06
	5500	100	n (20MHz)	6.5/7.2 (MCS0)	8.79	11.0	-2.21
	5600	120	n (20MHz)	6.5/7.2 (MCS0)	8.71	11.0	-2.29
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	9.09	11.0	-1.91
	5500	100	ax (20MHz)	6.5/7.2 (MCS0)	9.56	11.0	-1.44
	5600	120	ax (20MHz)	6.5/7.2 (MCS0)	8.93	11.0	-2.07
	5720	144	ax (20MHz)	6.5/7.2 (MCS0)	9.26	11.0	-1.74
	5510	102	n (40MHz)	13.5/15 (MCS0)	4.70	11.0	-6.30
	5590	118	n (40MHz)	13.5/15 (MCS0)	5.69	11.0	-5.31
	5710	142	n (40MHz)	13.5/15 (MCS0)	6.04	11.0	-4.96
	5510	102	ax (40MHz)	13.5/15 (MCS0)	3.94	11.0	-7.06
	5590	118	ax (40MHz)	13.5/15 (MCS0)	5.58	11.0	-5.42
	5710	142	ax (40MHz)	13.5/15 (MCS0)	5.62	11.0	-5.38
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	1.62	11.0	-9.38
	5610	122	ac (80MHz)	29.3/32.5 (MCS0)	3.10	11.0	-7.90
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	3.24	11.0	-7.76
	5530	106	ax (80MHz)	29.3/32.5 (MCS0)	0.01	11.0	-10.99
	5610	122	ax (80MHz)	29.3/32.5 (MCS0)	2.61	11.0	-8.39
5690	138	ax (80MHz)	29.3/32.5 (MCS0)	2.50	11.0	-8.50	
5570	114	ac (160MHz)	58.5/65 (MCS0)	-1.57	11.0	-12.57	
5570	114	ax (160MHz)	58.5/65 (MCS0)	-2.77	11.0	-13.77	

Table 7-27. Conducted Power Spectral Density Measurements SISO ANT2

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 140 of 284

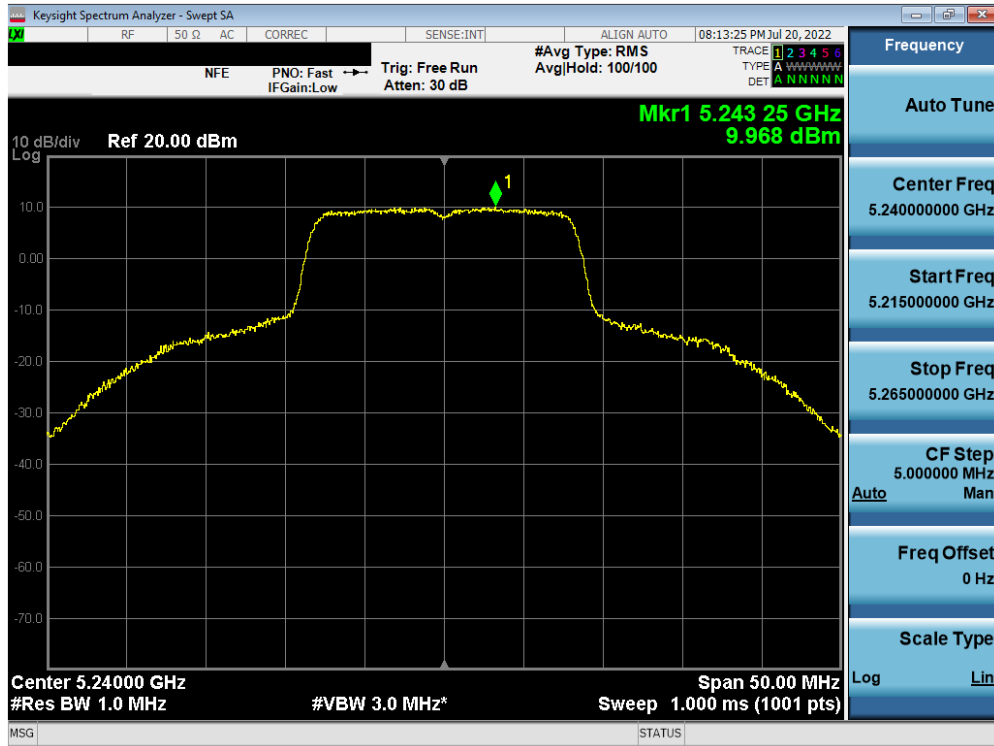


Plot 7-211. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 36)

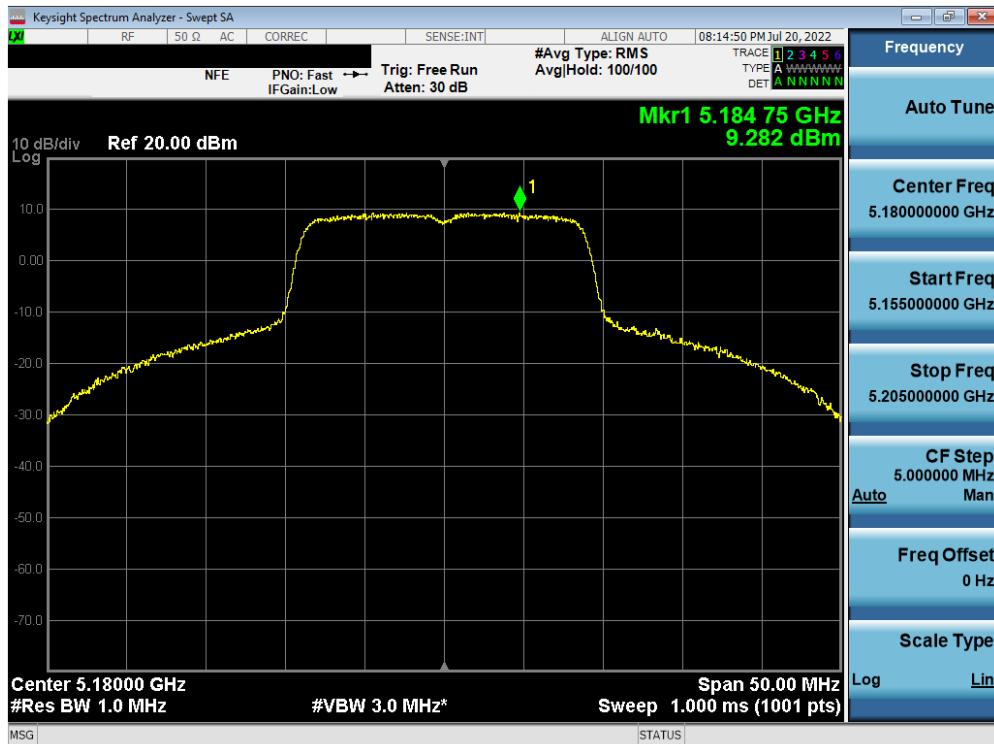


Plot 7-212. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 40)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 141 of 284

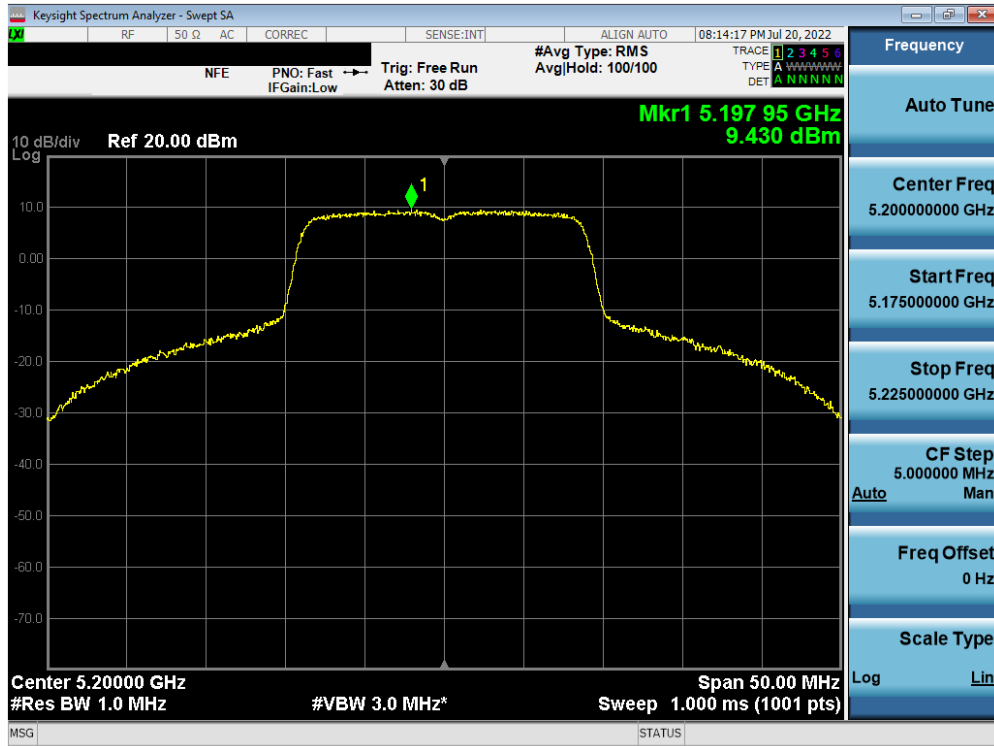


Plot 7-213. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 48)

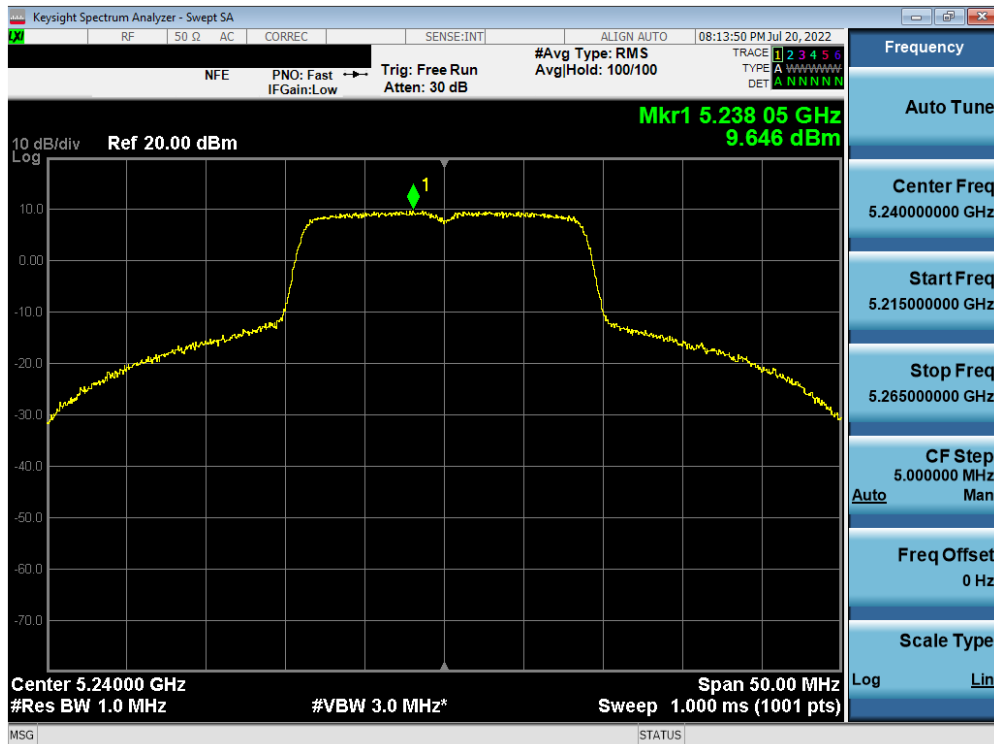


Plot 7-214. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 142 of 284

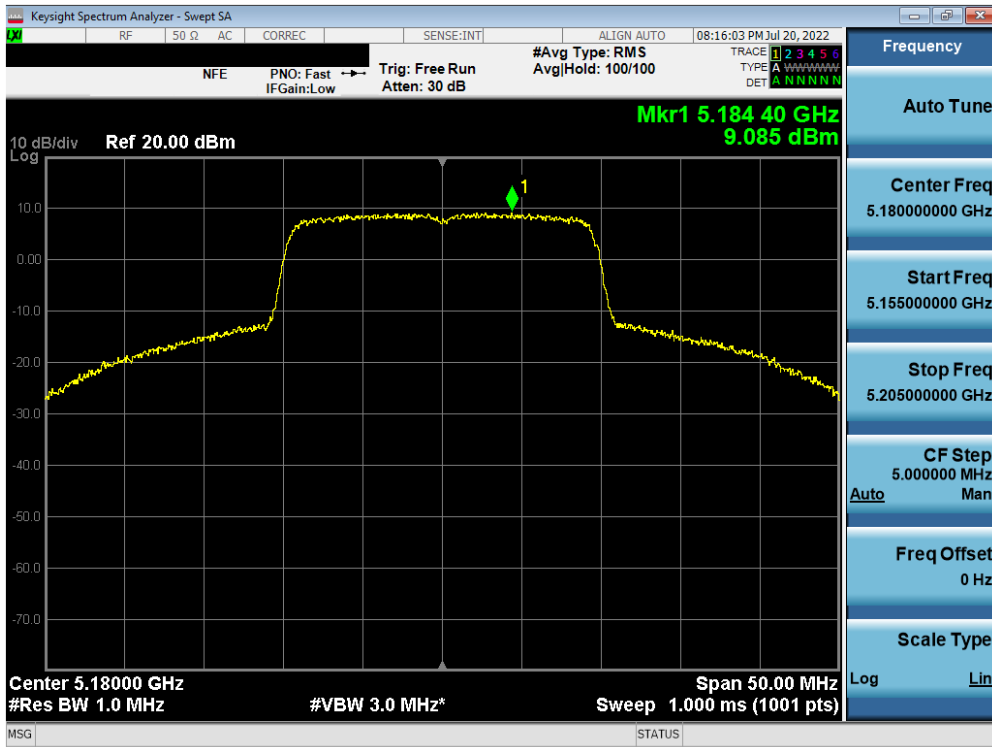


Plot 7-215. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

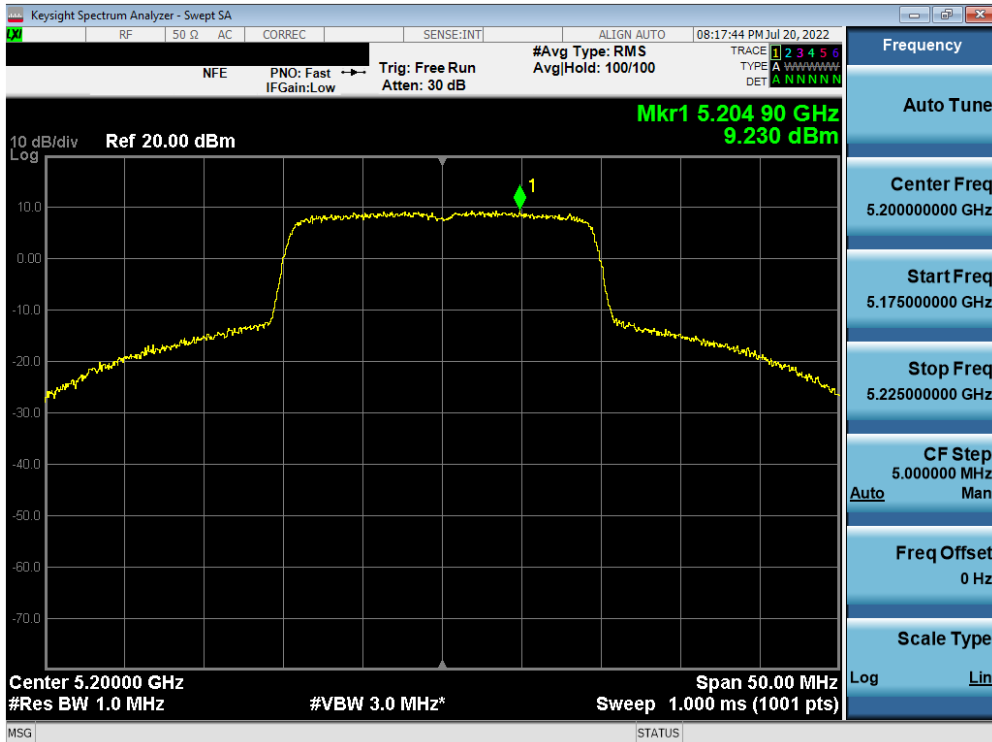


Plot 7-216. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 143 of 284

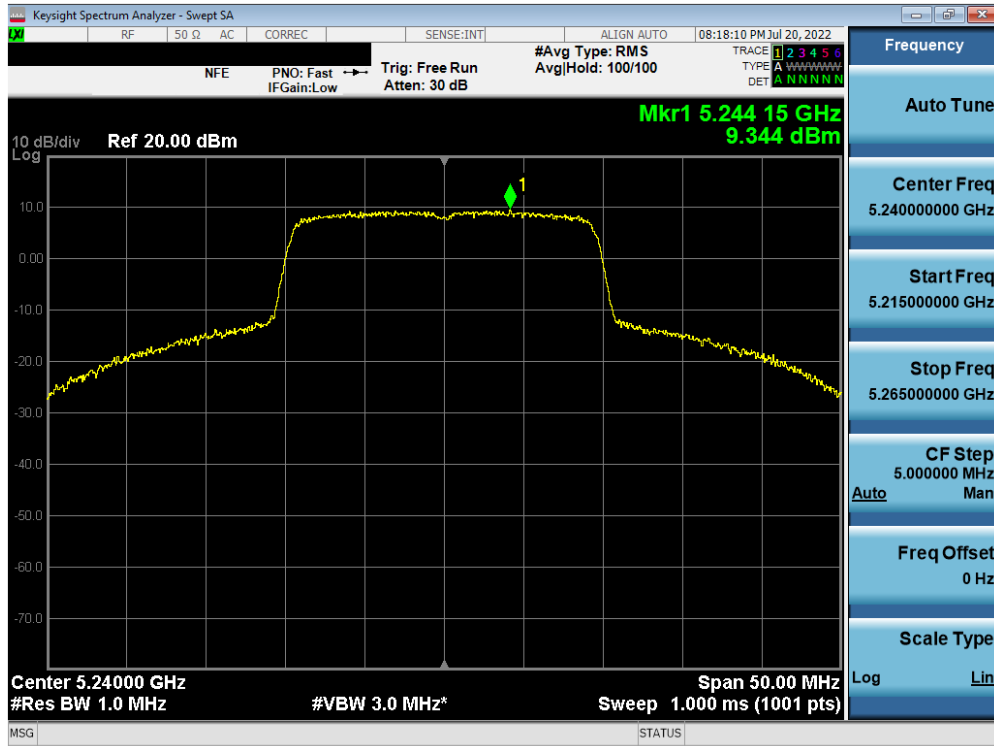


Plot 7-217. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

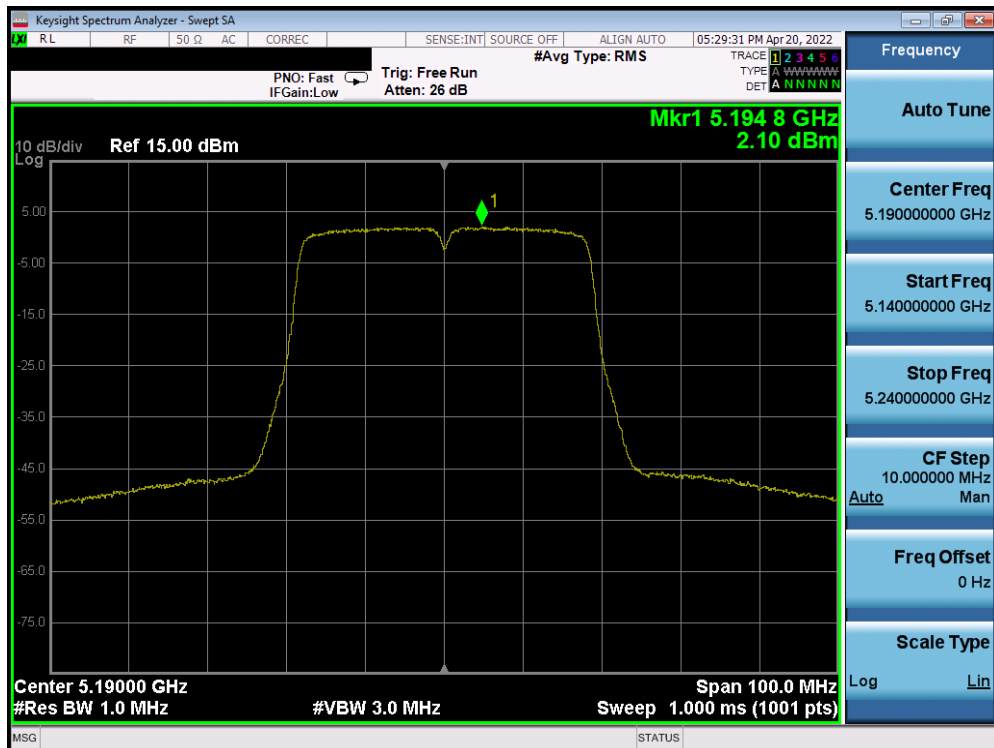


Plot 7-218. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 144 of 284

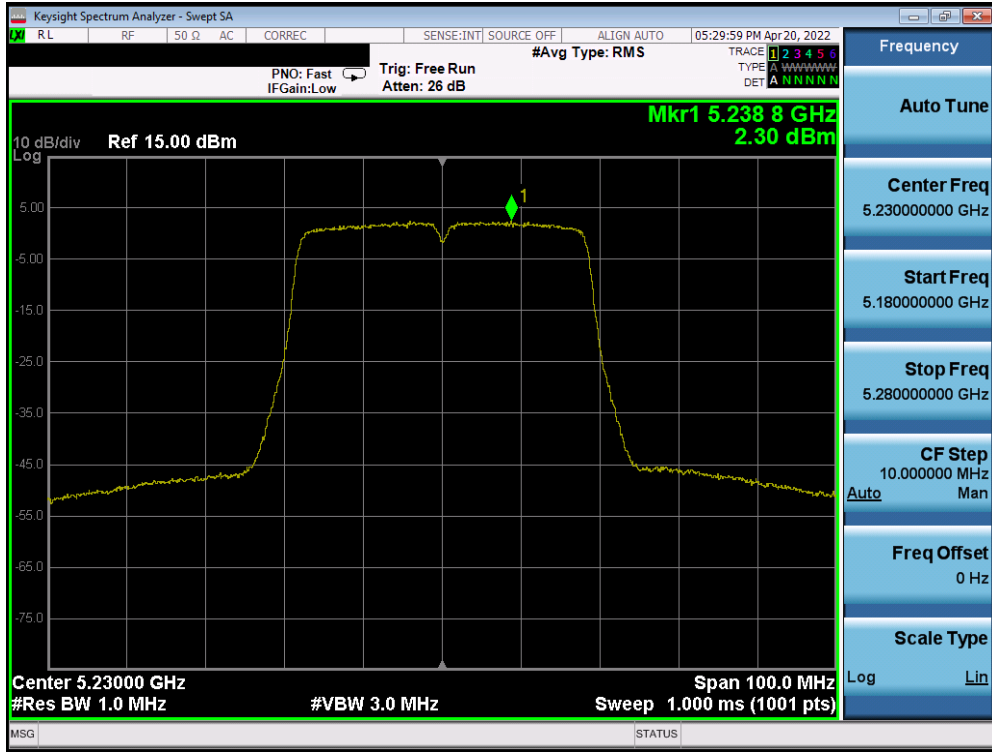


Plot 7-219. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

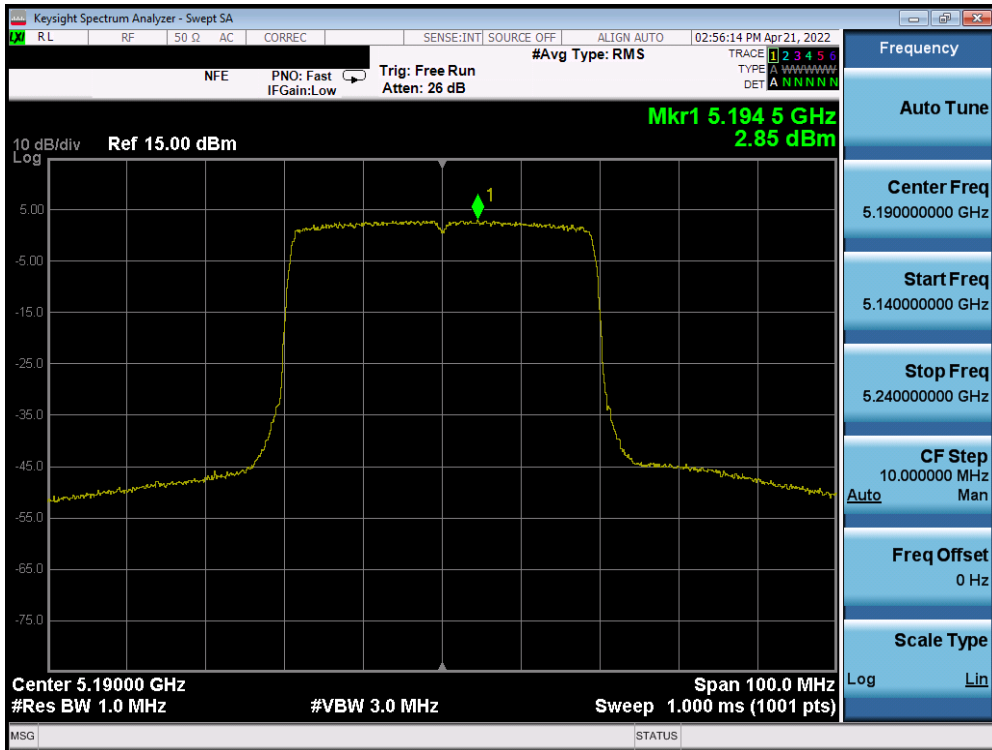


Plot 7-220. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 145 of 284

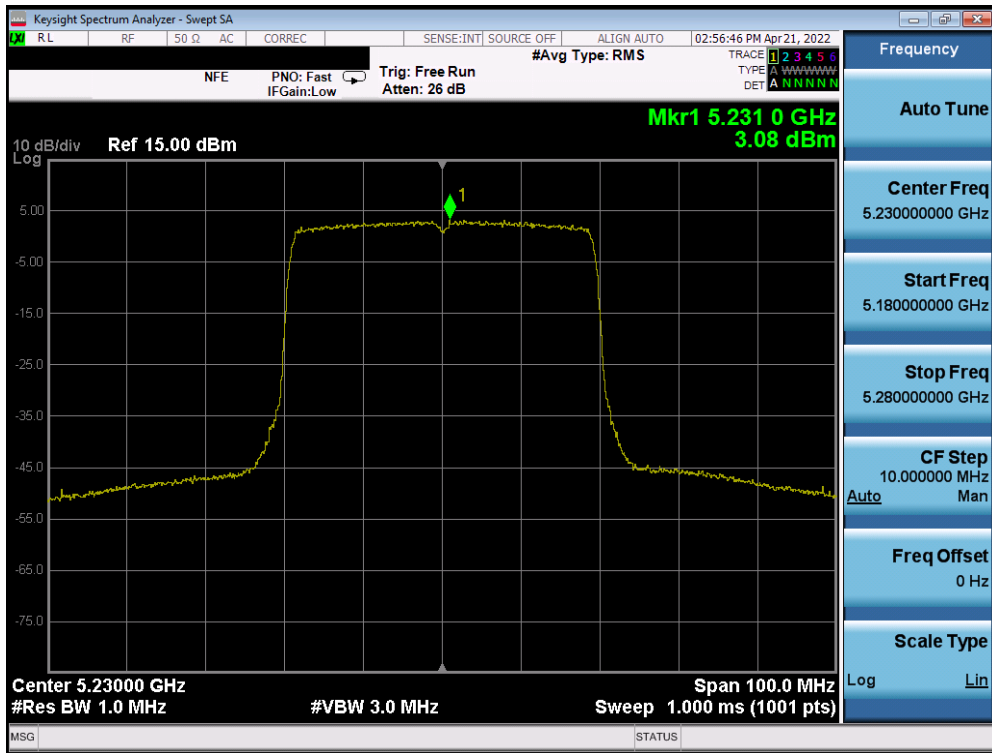


Plot 7-221. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

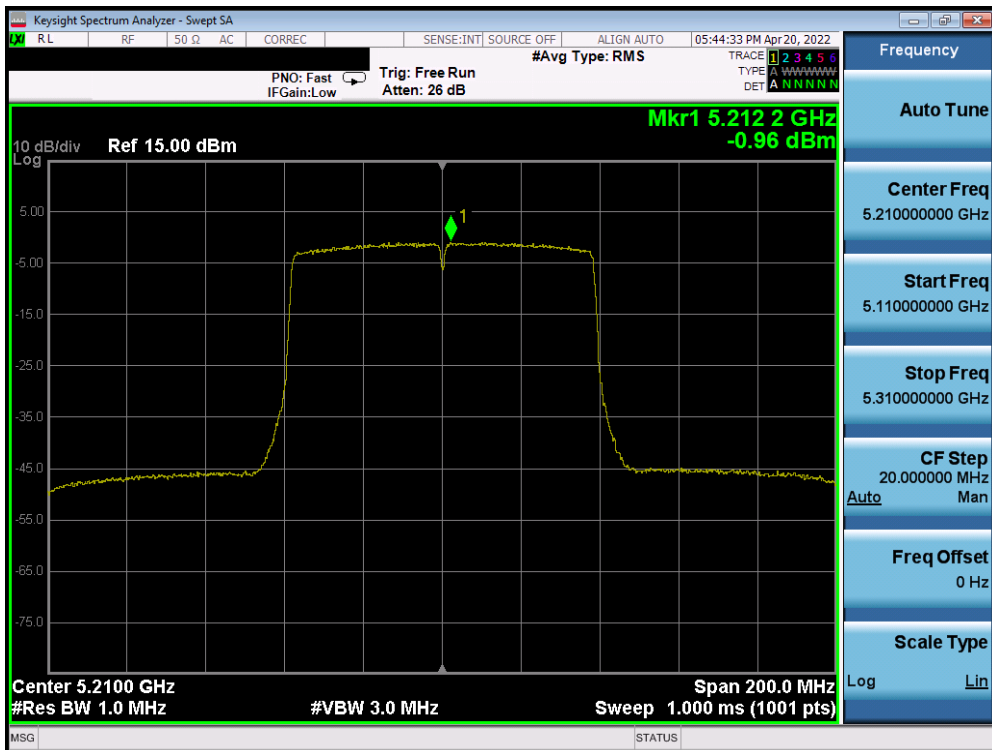


Plot 7-222. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 146 of 284



Plot 7-223. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

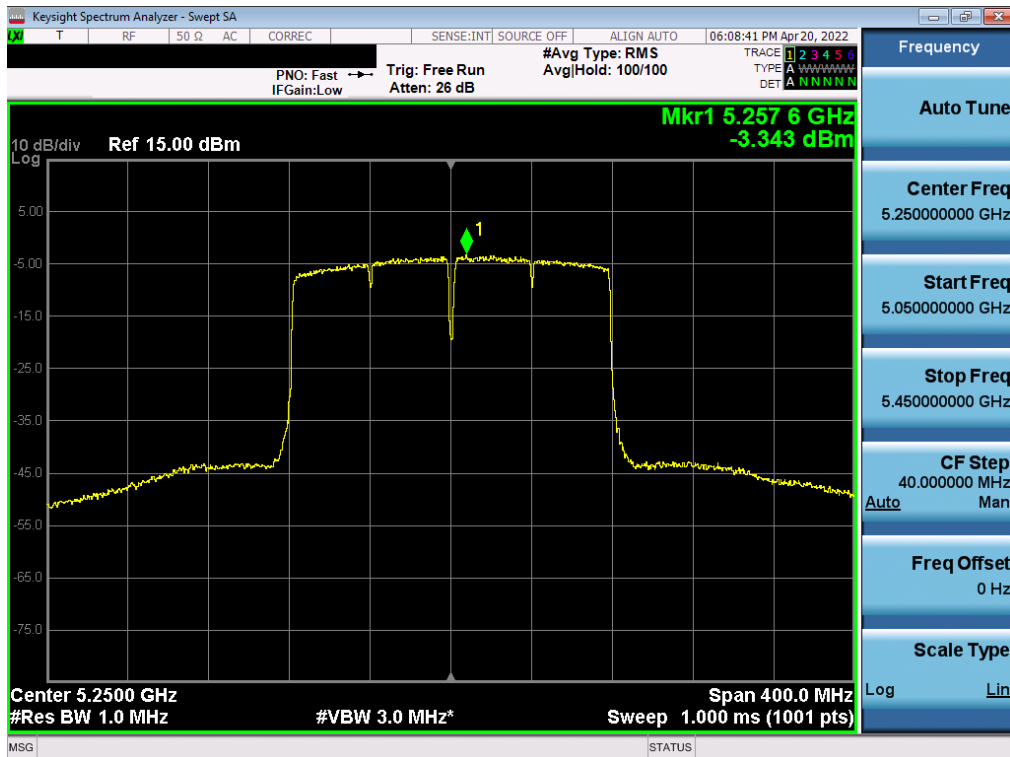


Plot 7-224. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 147 of 284

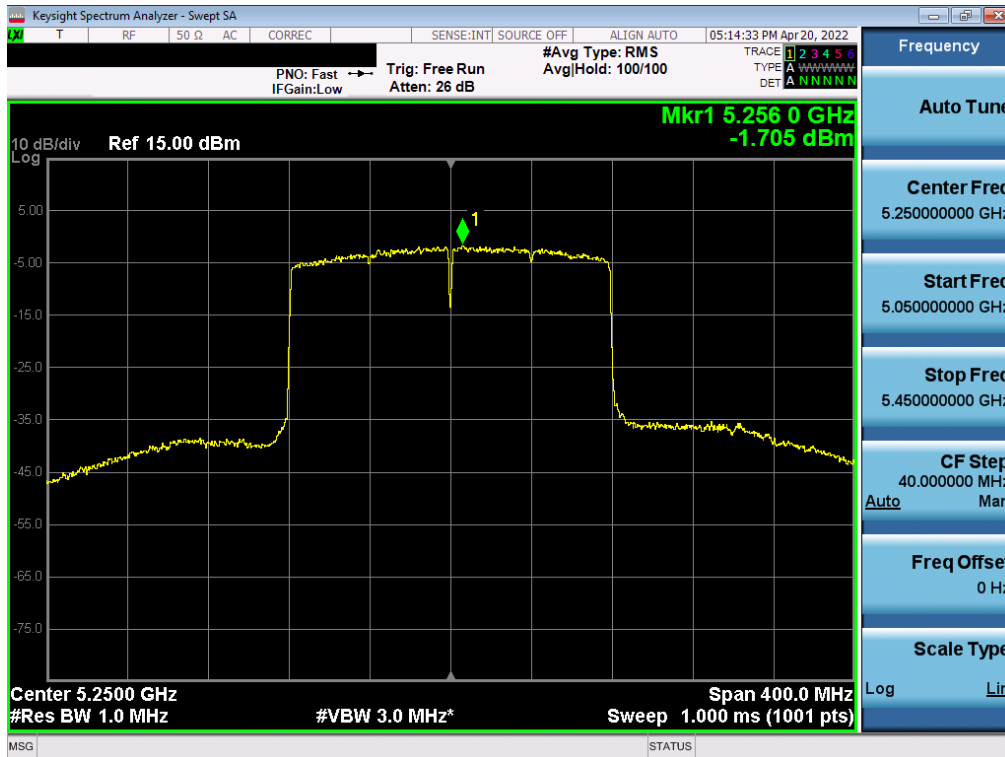


Plot 7-225. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

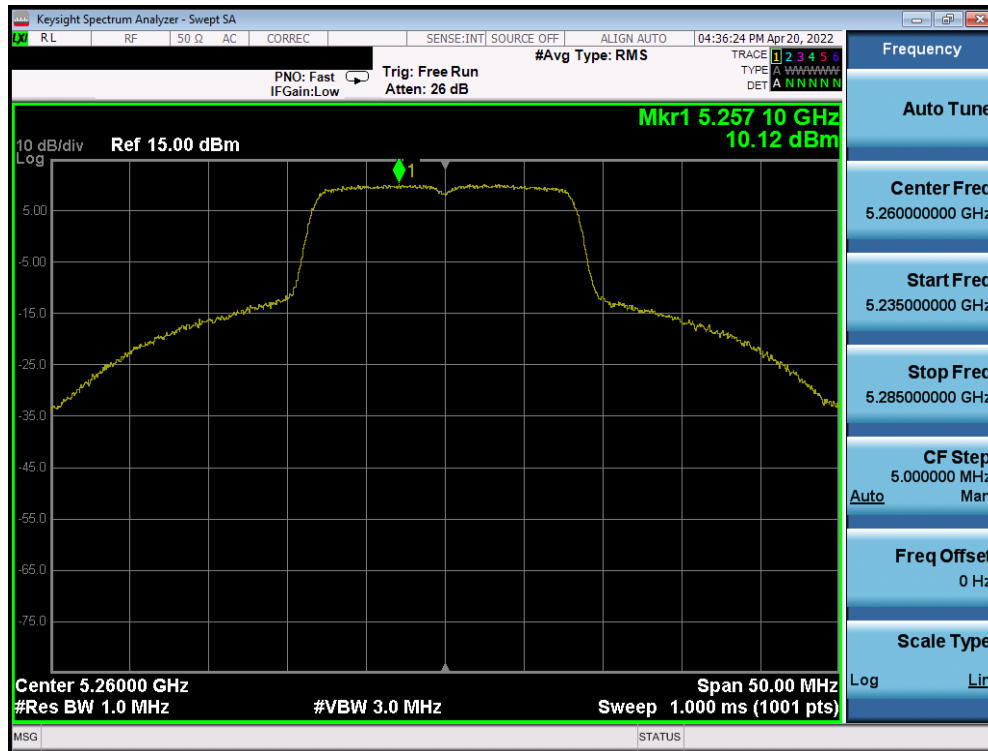


Plot 7-226. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 148 of 284

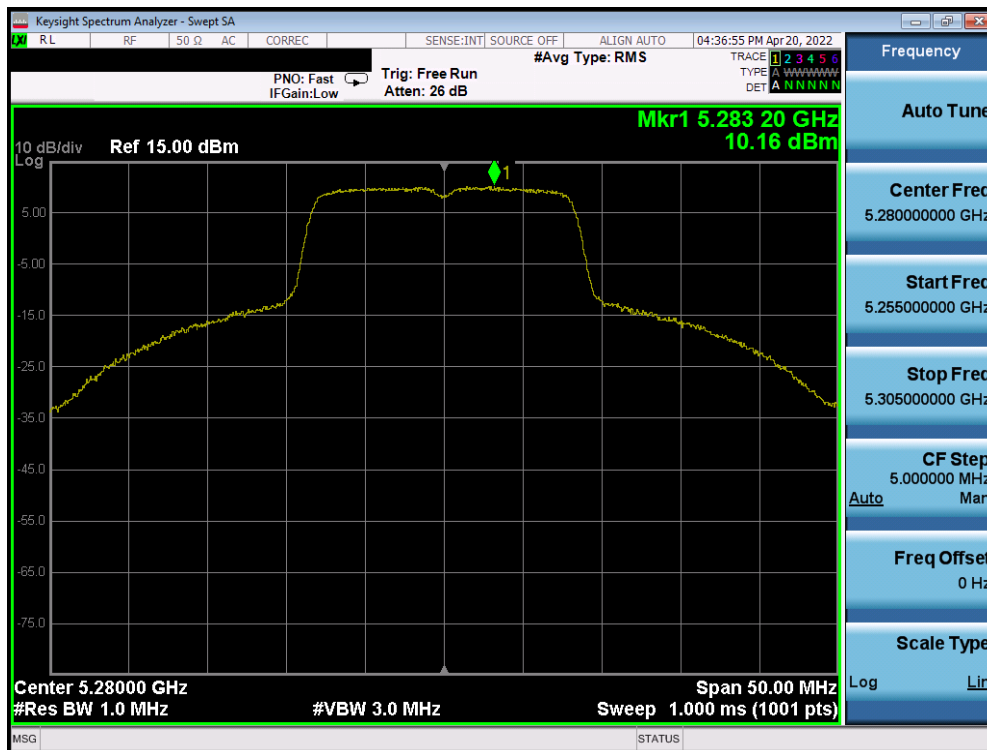


Plot 7-227. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 1/2A) – Ch. 50)

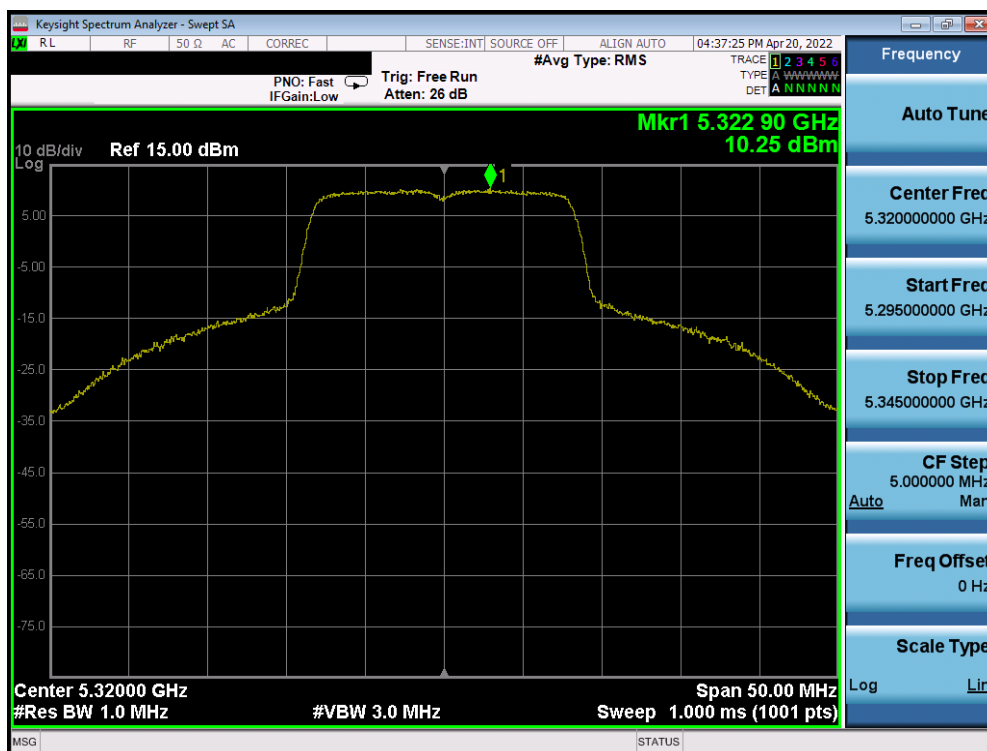


Plot 7-228. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 52)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 149 of 284

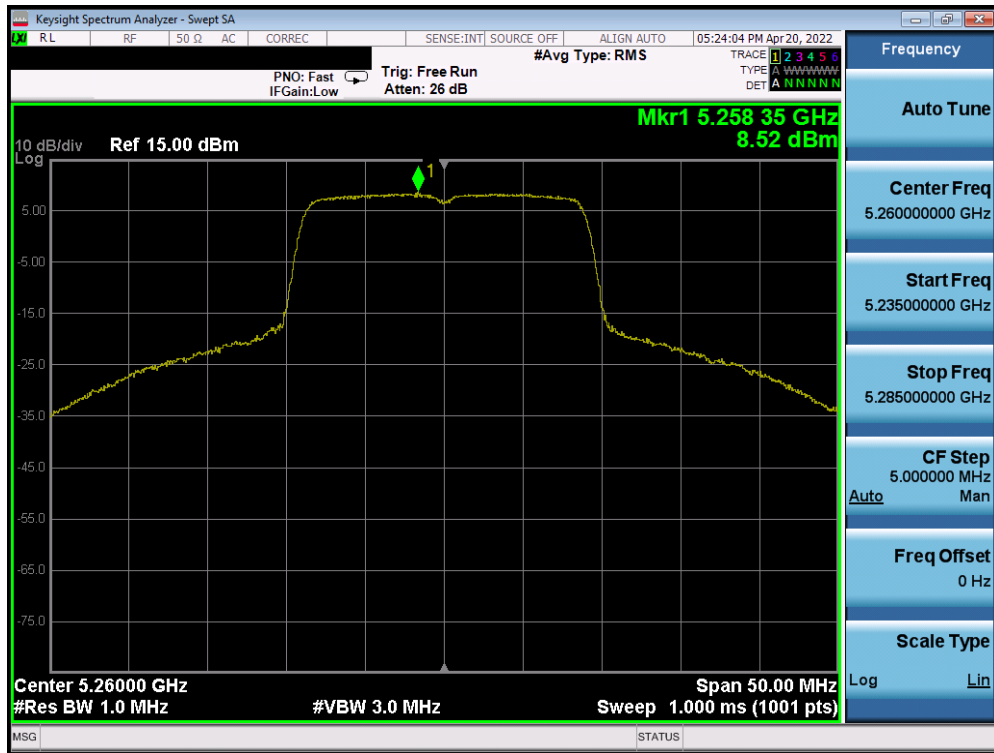


Plot 7-229. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 56)

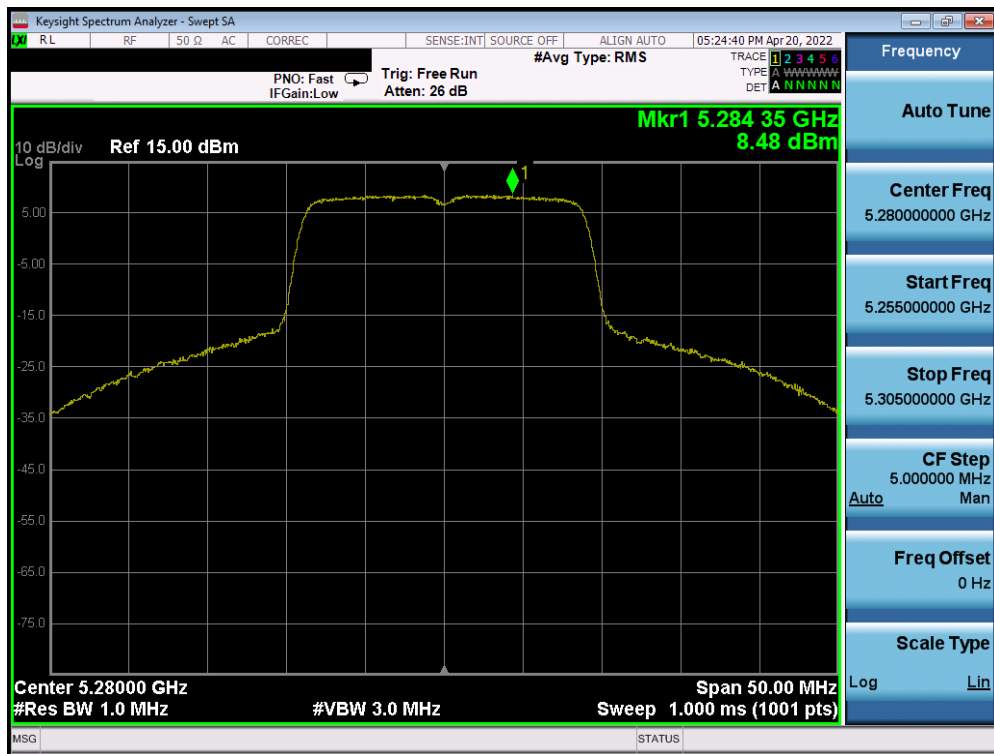


Plot 7-230. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 64)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 150 of 284

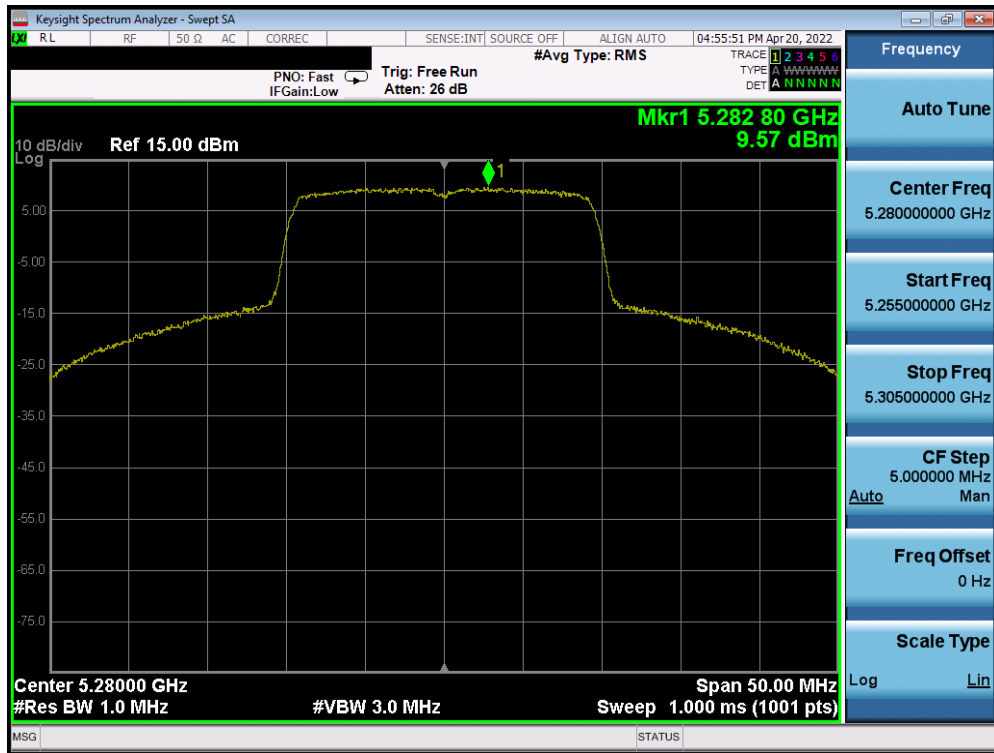


Plot 7-231. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

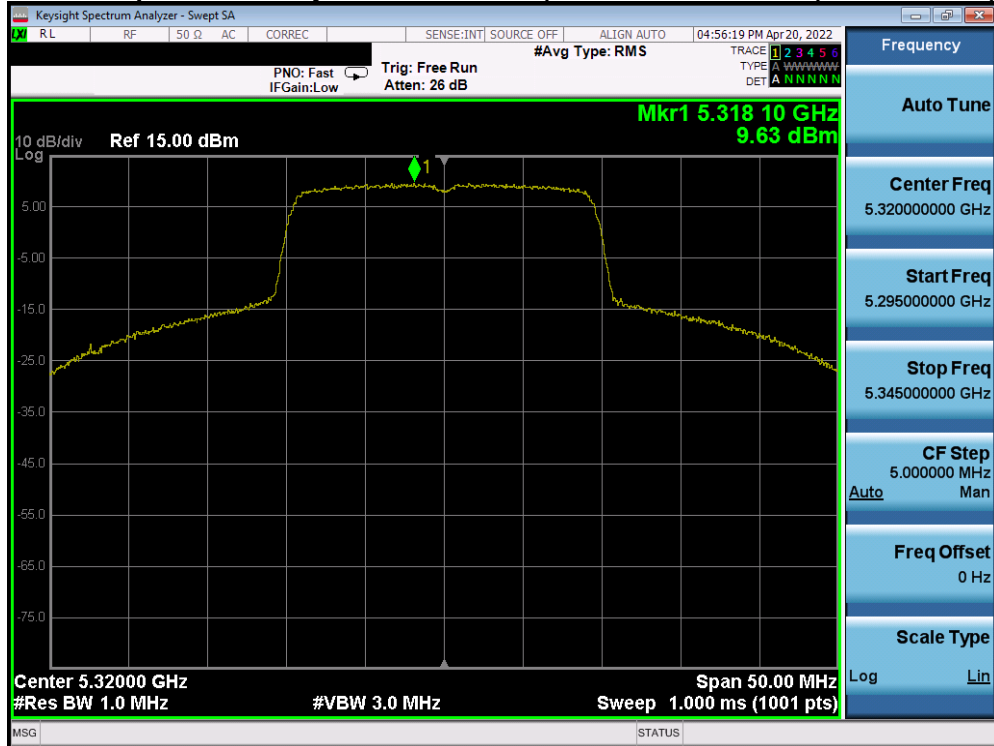


Plot 7-232. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 151 of 284



Plot 7-235. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

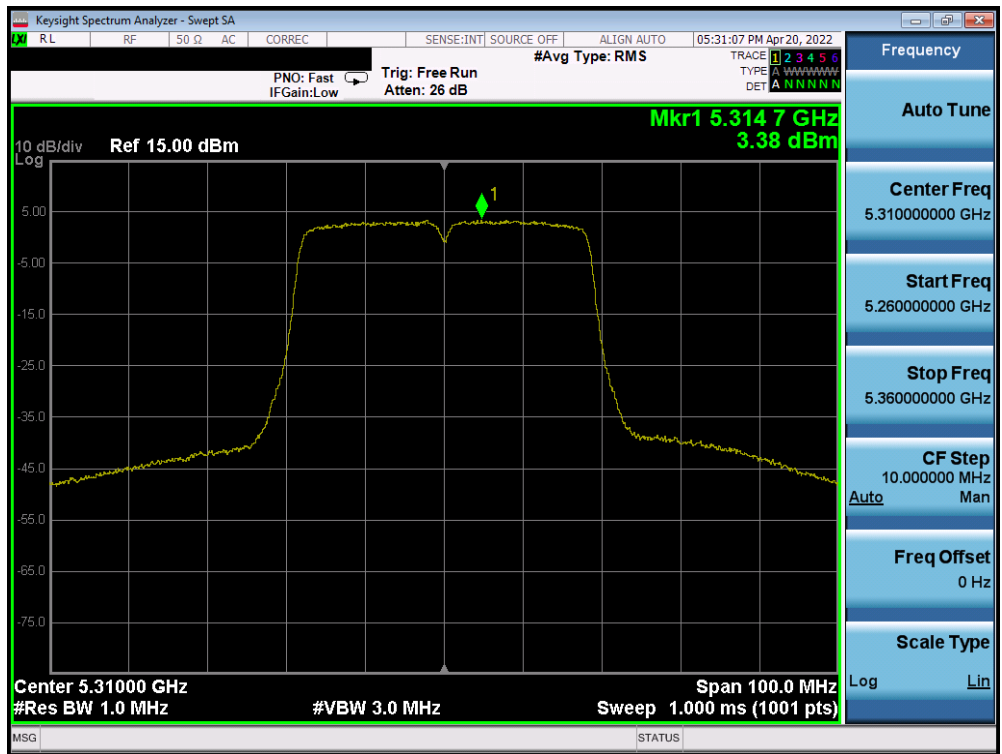


Plot 7-236. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 153 of 284	

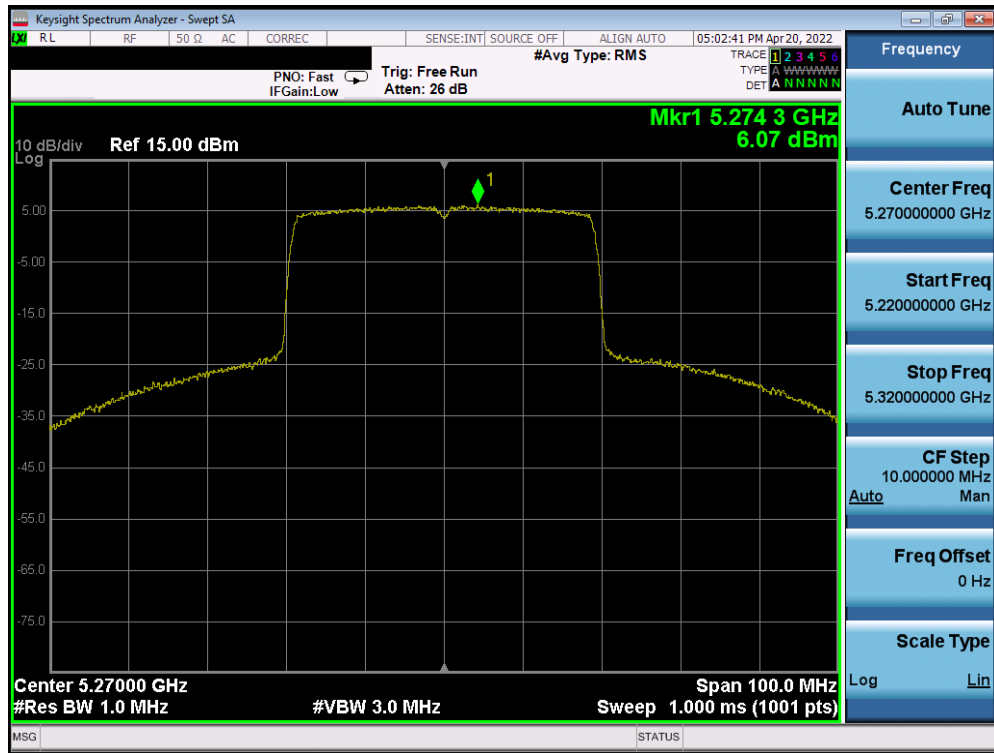


Plot 7-237. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

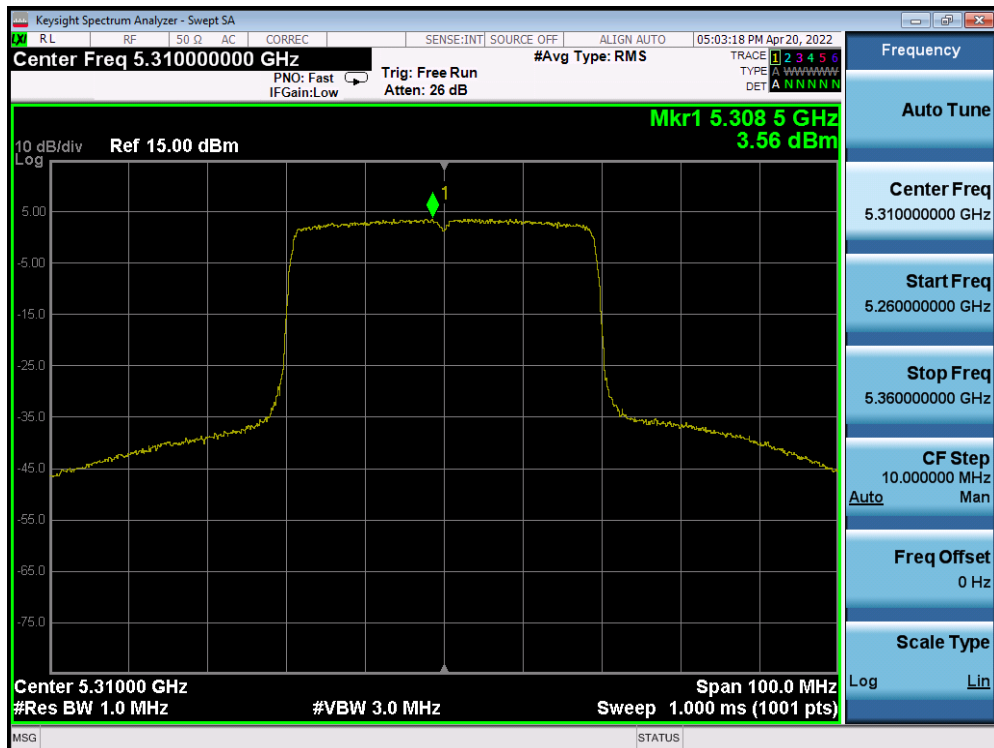


Plot 7-238. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 154 of 284



Plot 7-239. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

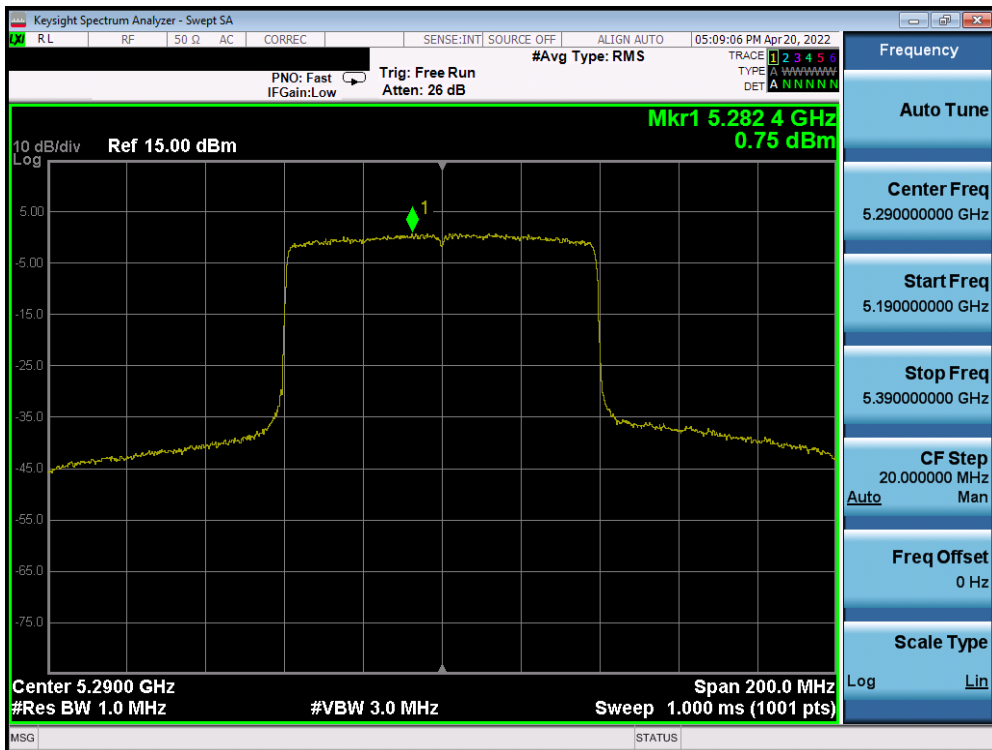


Plot 7-240. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 155 of 284

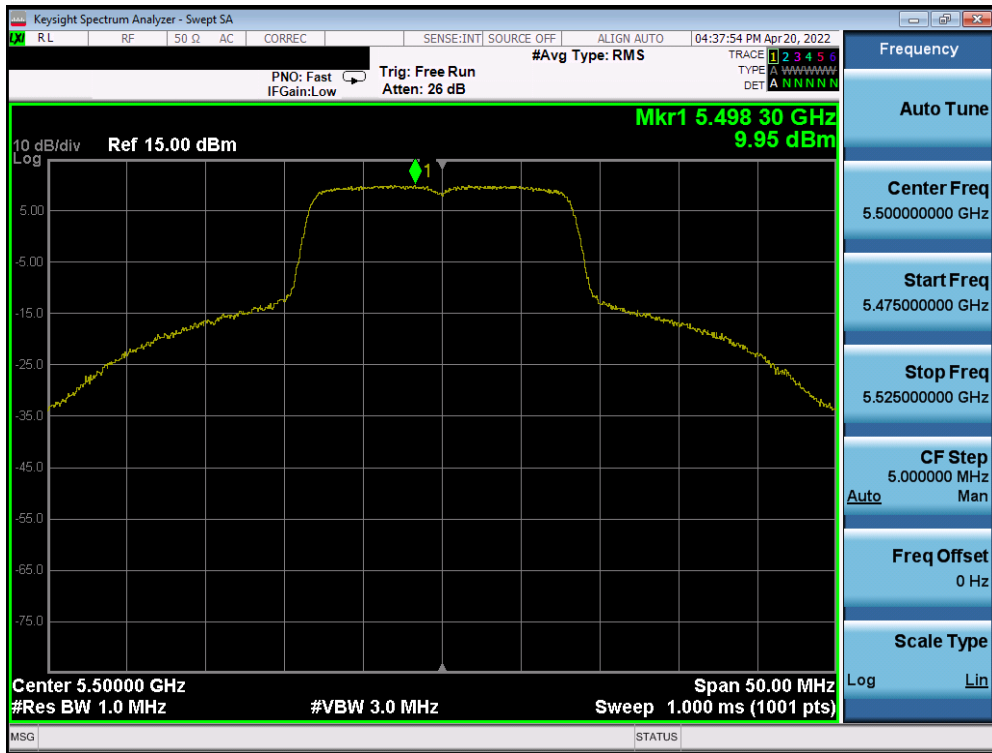


Plot 7-241. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

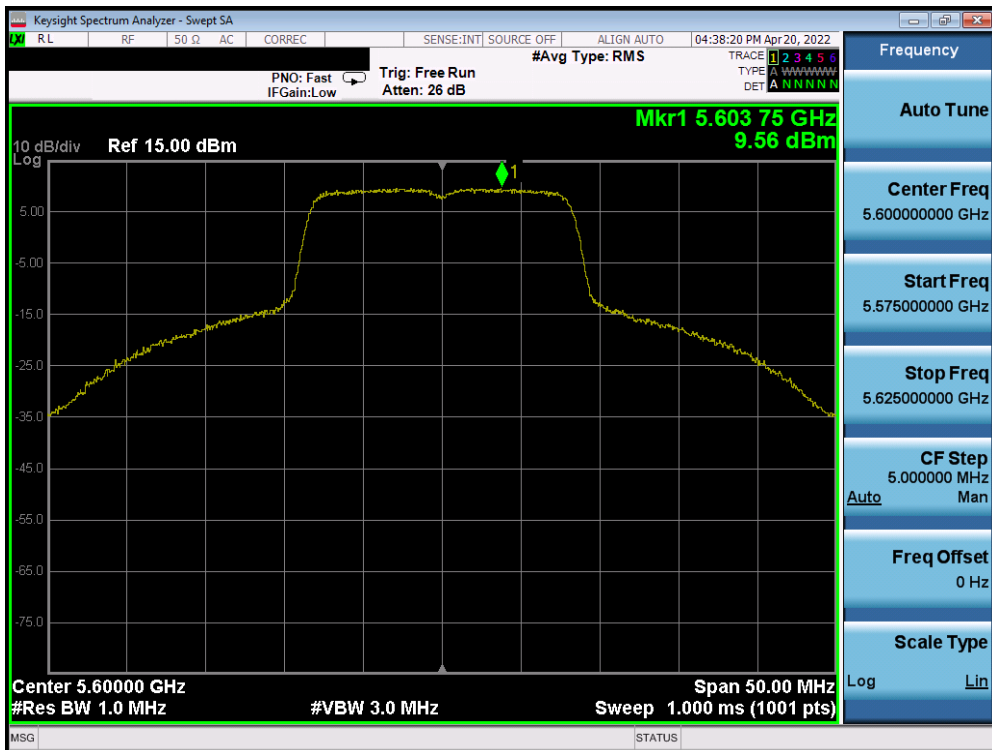


Plot 7-242. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 156 of 284



Plot 7-243. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) – Ch. 100)

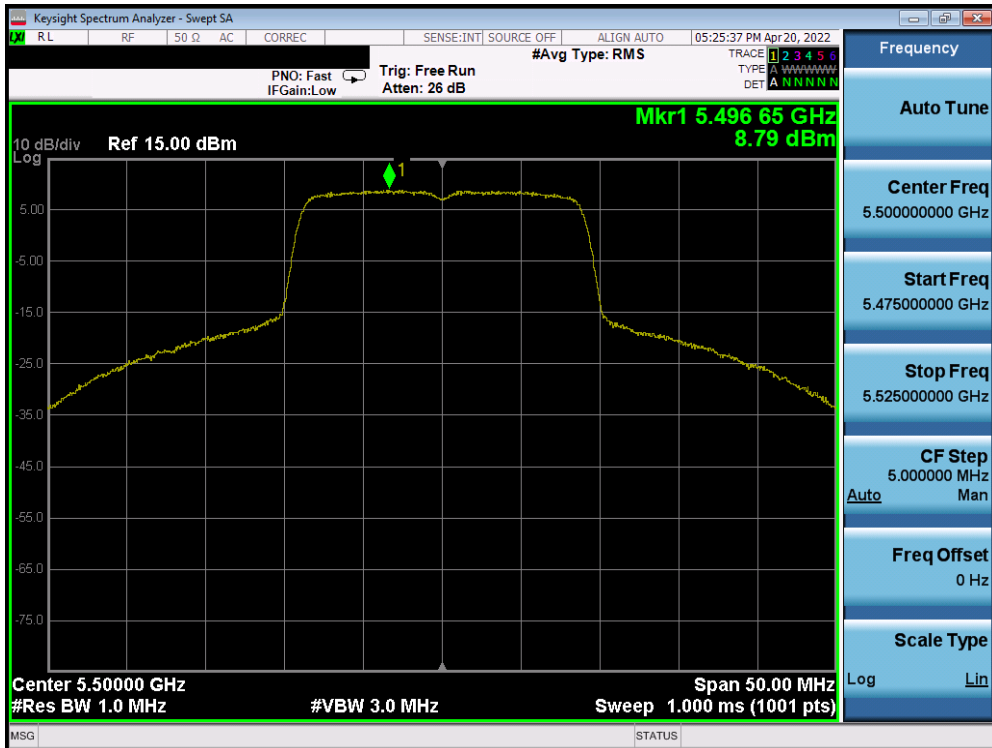


Plot 7-244. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) – Ch. 120)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 157 of 284

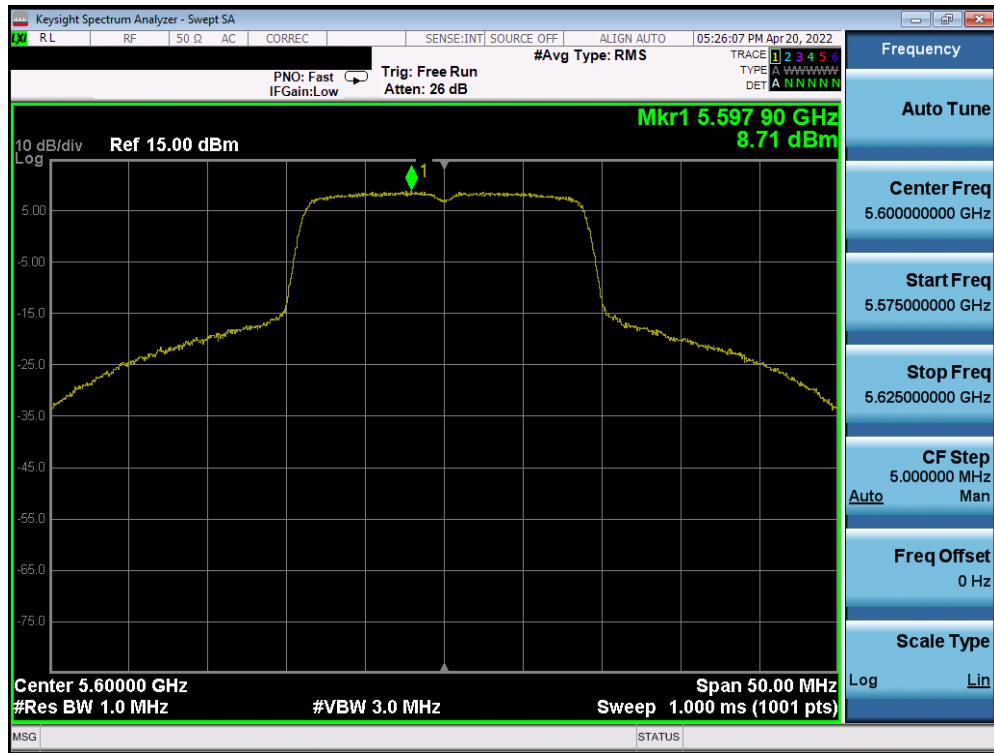


Plot 7-245. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) – Ch. 144)

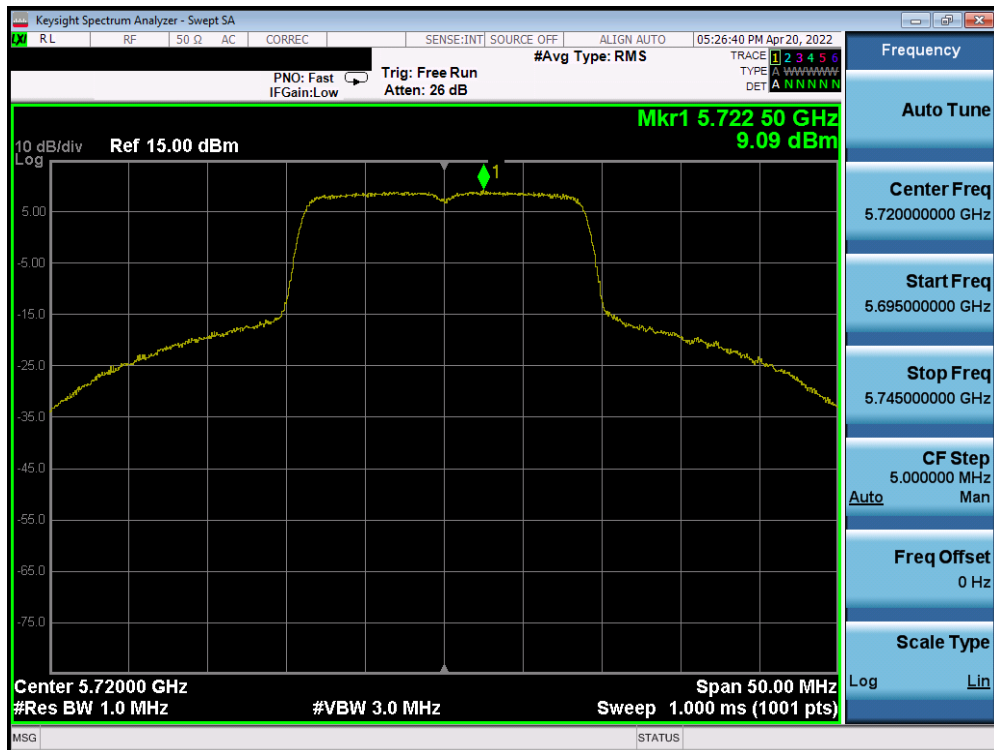


Plot 7-246. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 158 of 284

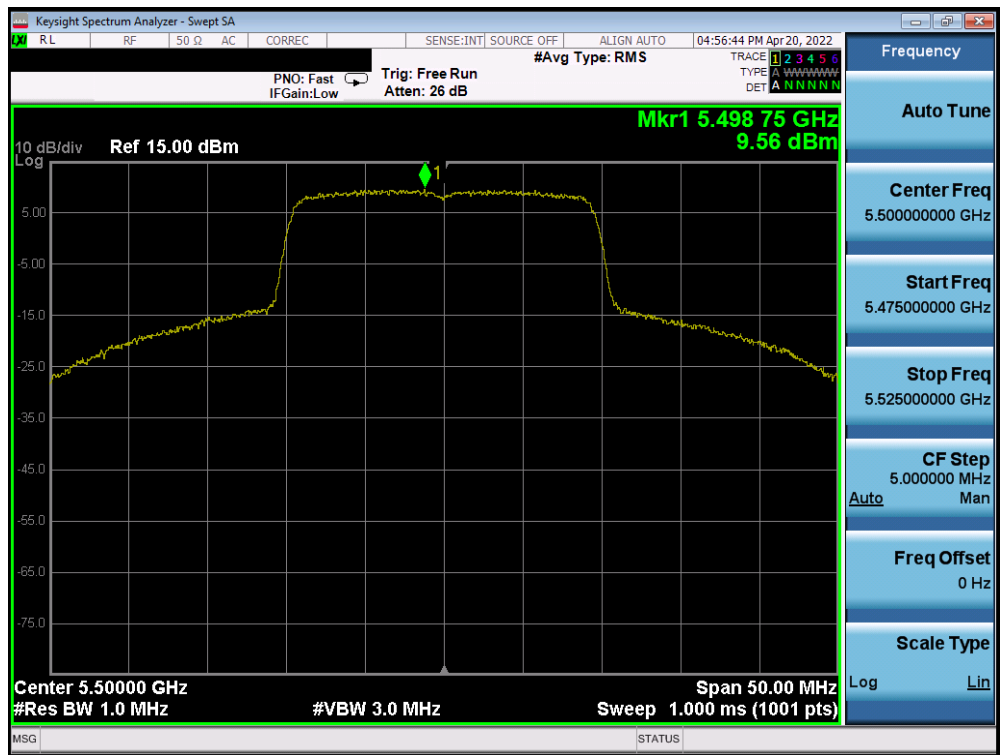


Plot 7-247. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

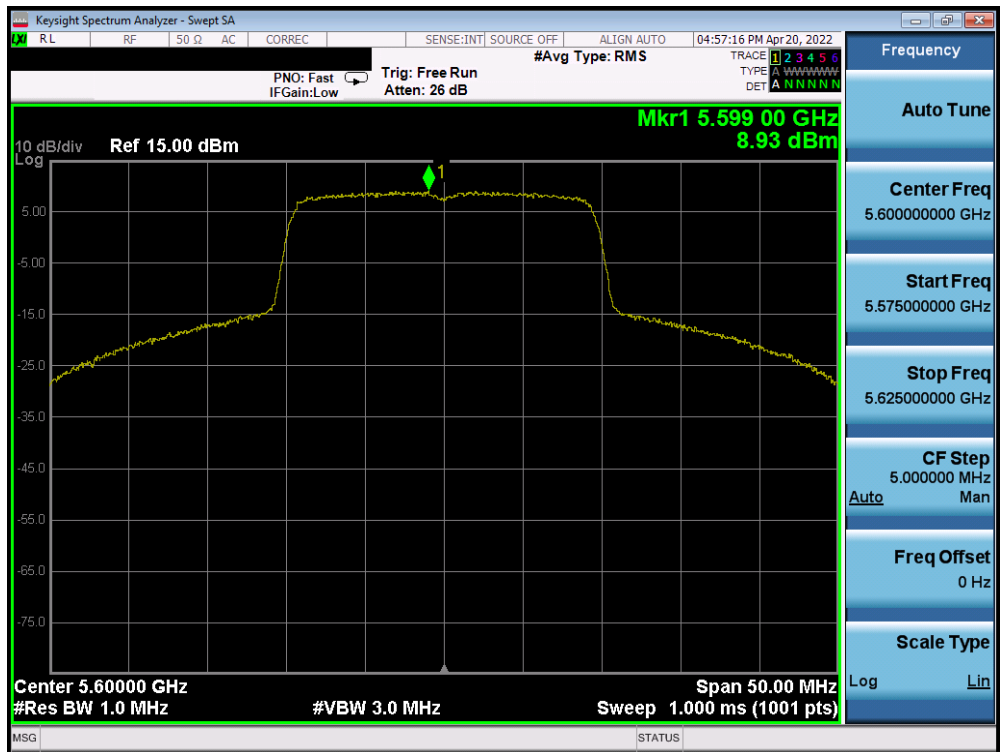


Plot 7-248. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 159 of 284

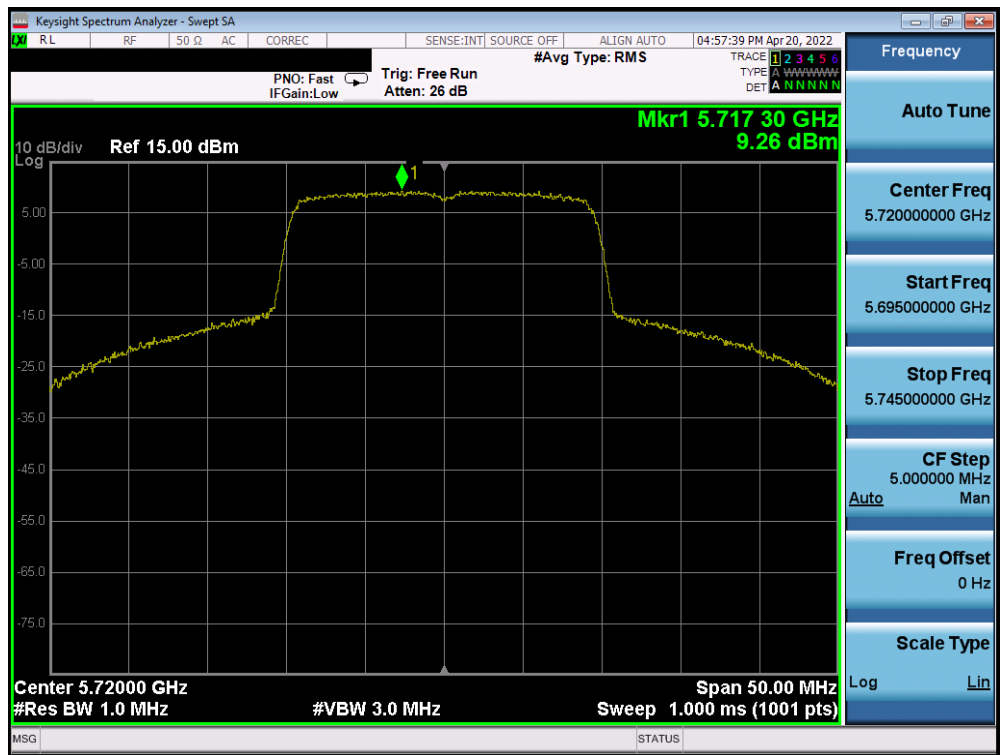


Plot 7-249. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

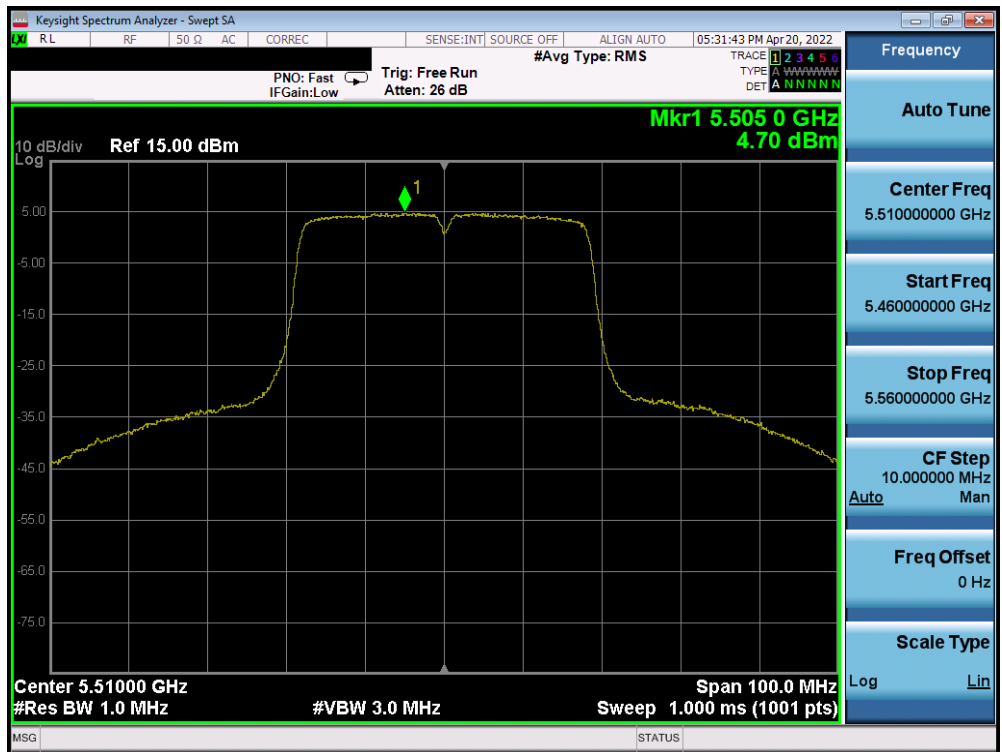


Plot 7-250. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 160 of 284



Plot 7-251. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

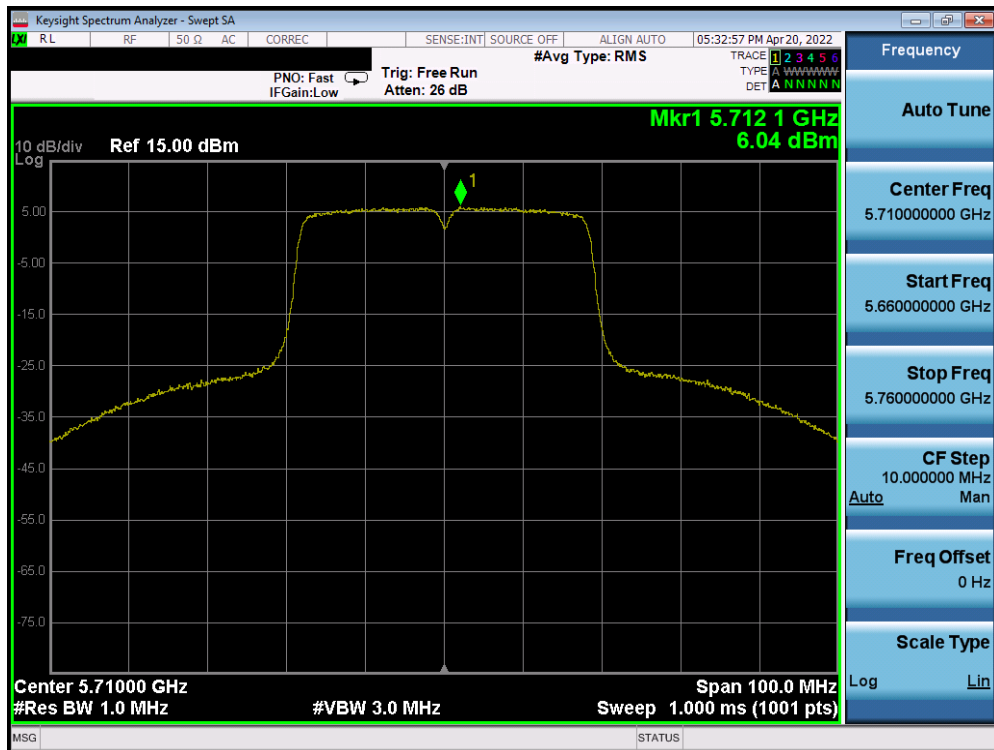


Plot 7-252. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 161 of 284

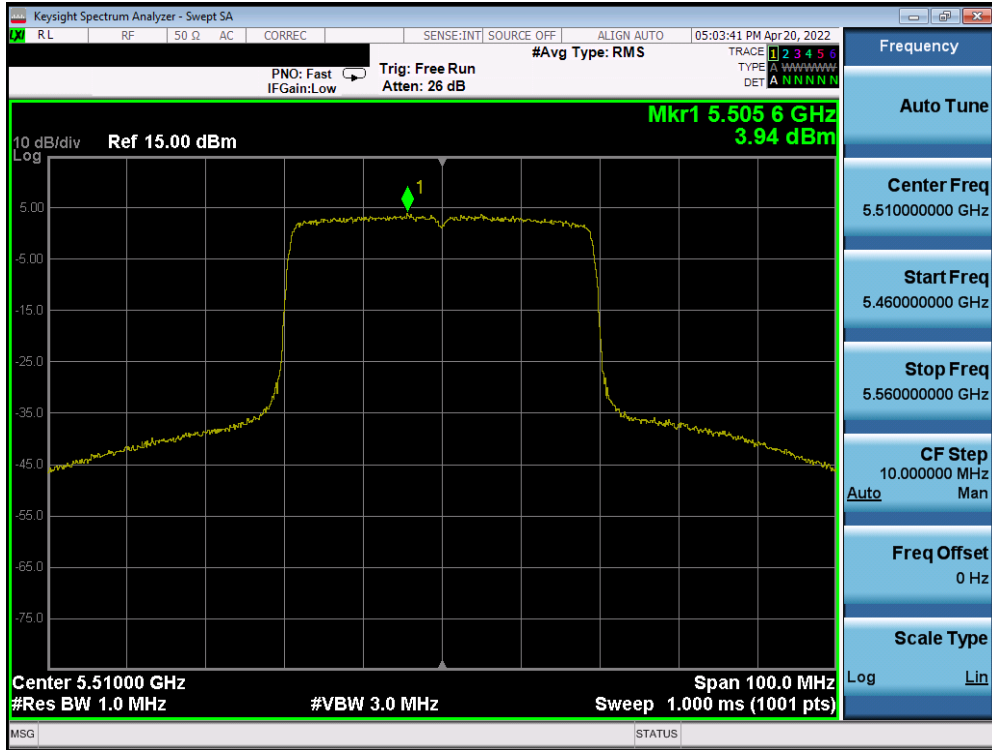


Plot 7-253. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

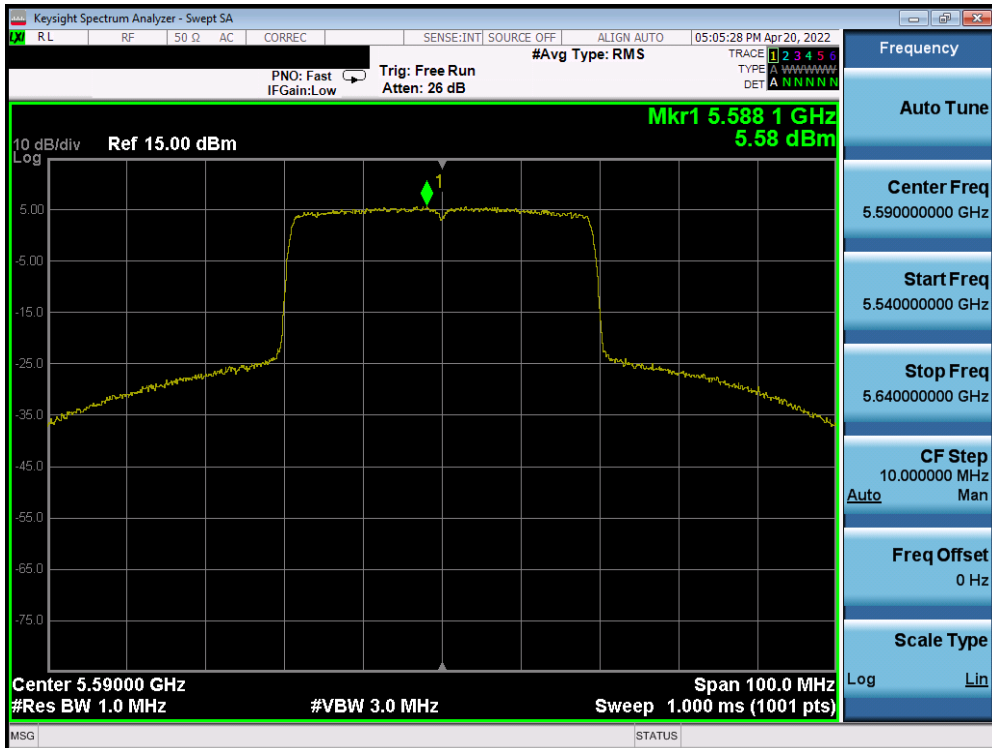


Plot 7-254. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 162 of 284



Plot 7-255. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)



Plot 7-256. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 163 of 284

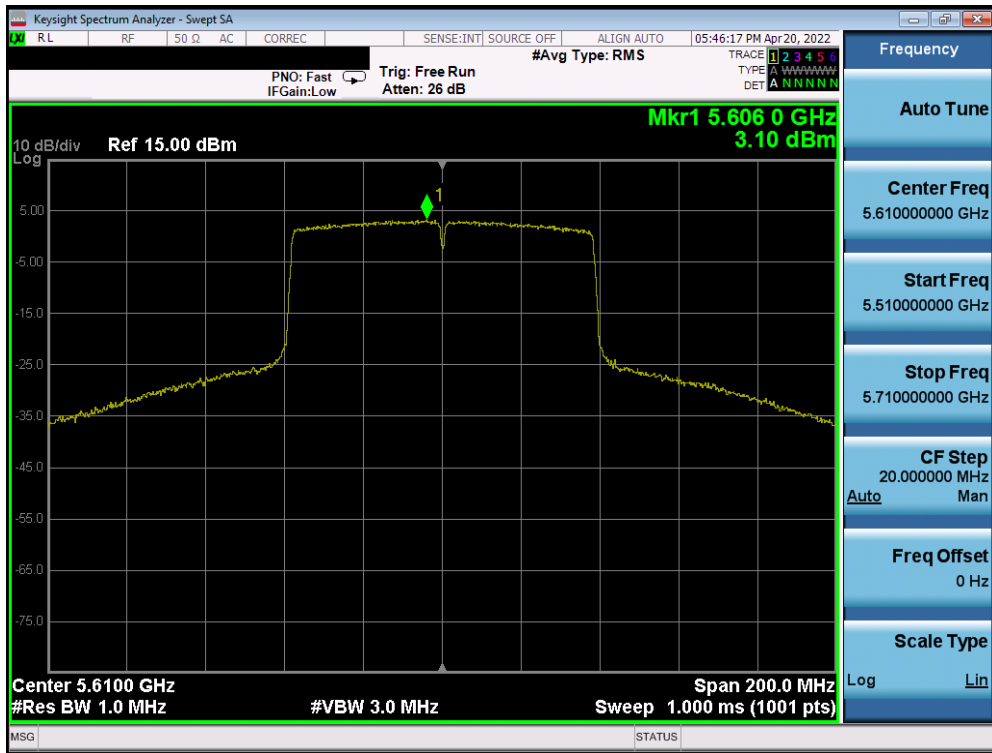


Plot 7-257. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

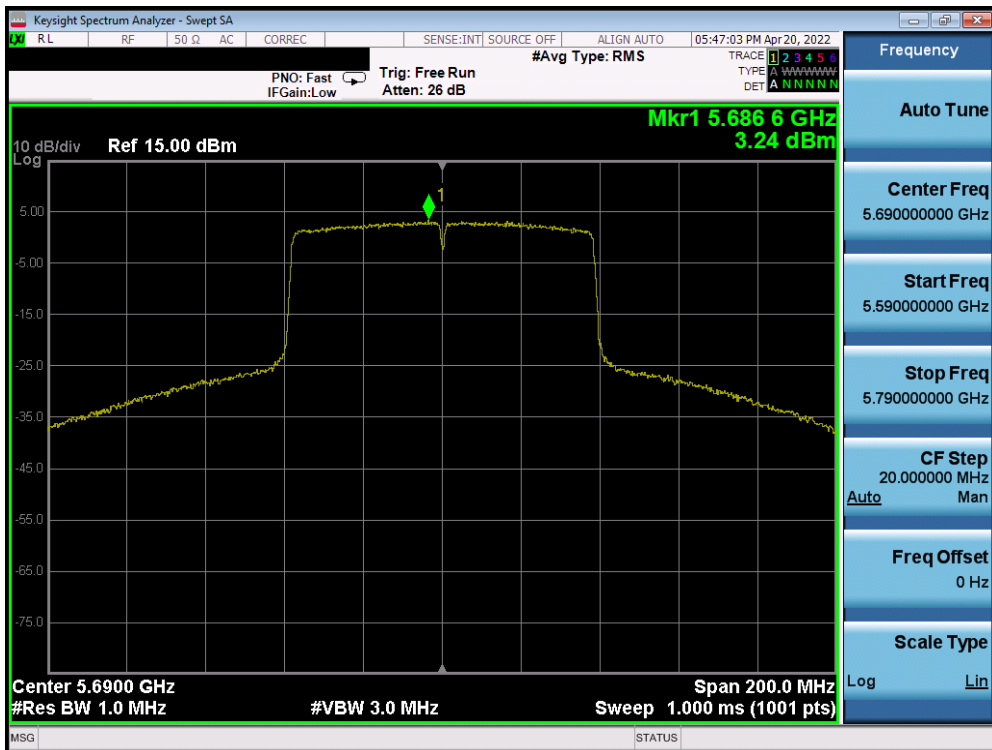


Plot 7-258. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 164 of 284

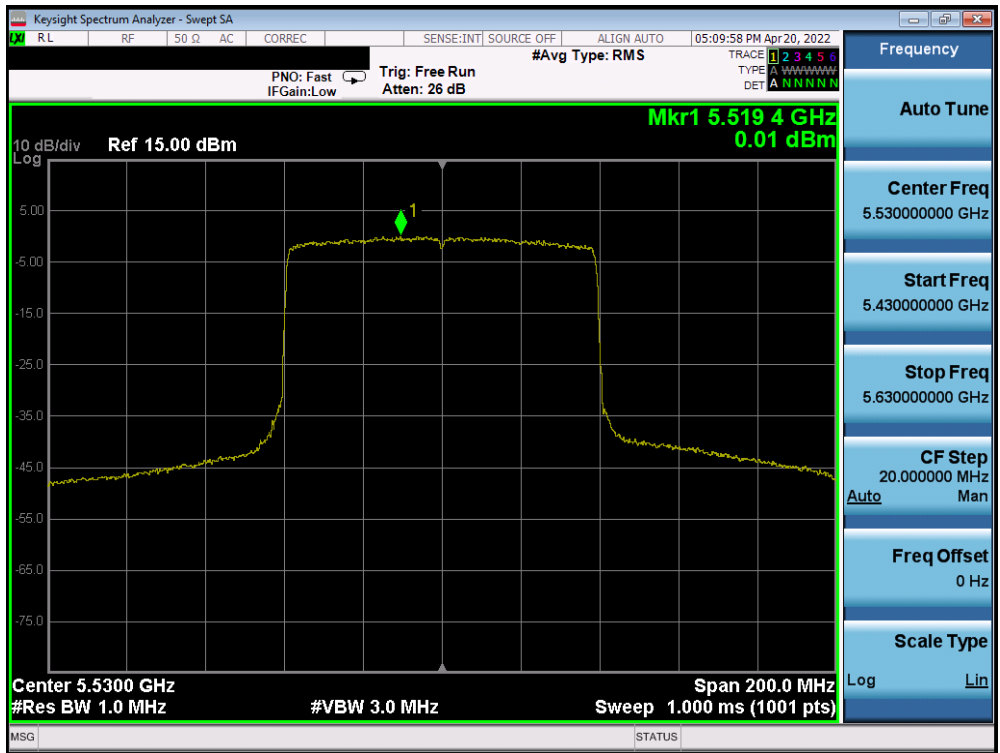


Plot 7-259. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

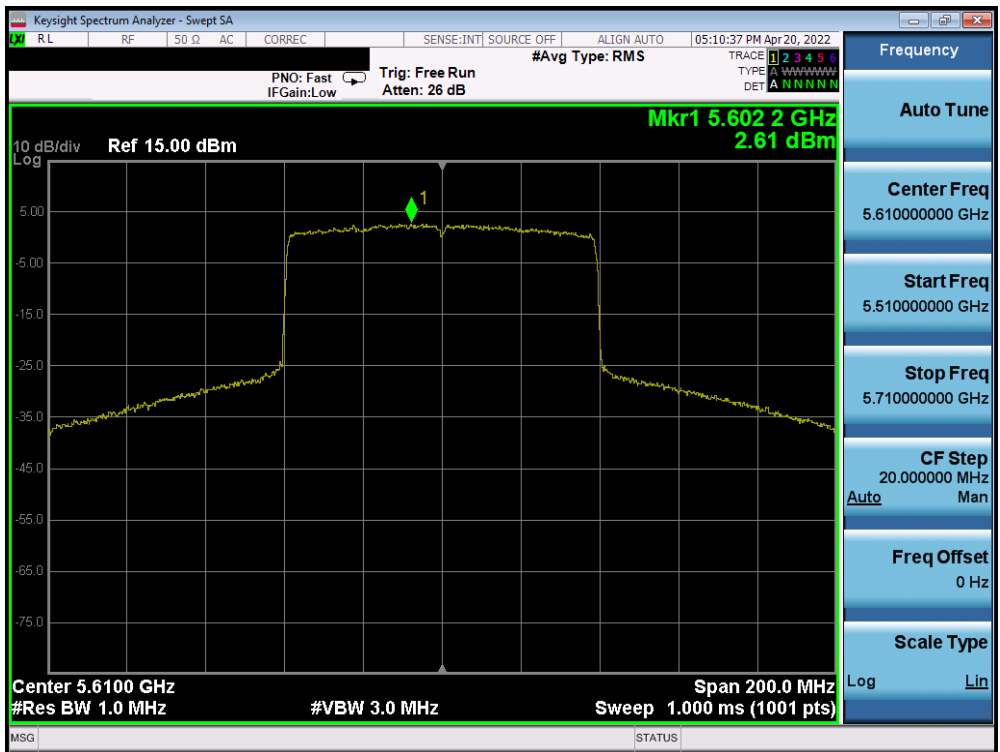


Plot 7-260. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 165 of 284

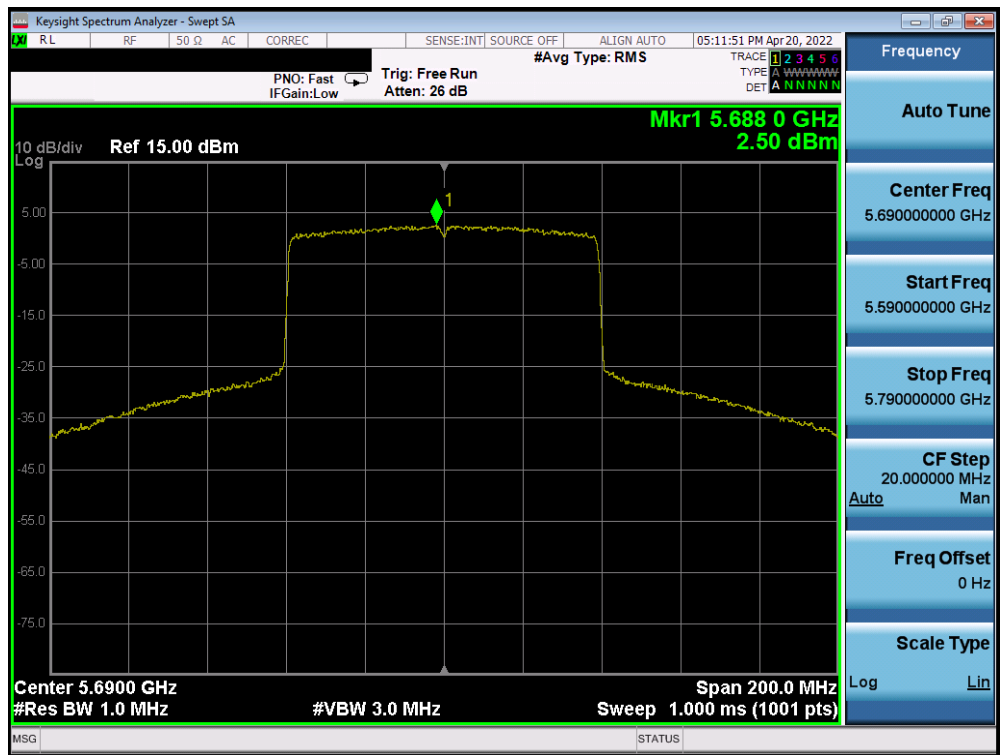


Plot 7-261. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 106)



Plot 7-262. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 122)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 166 of 284

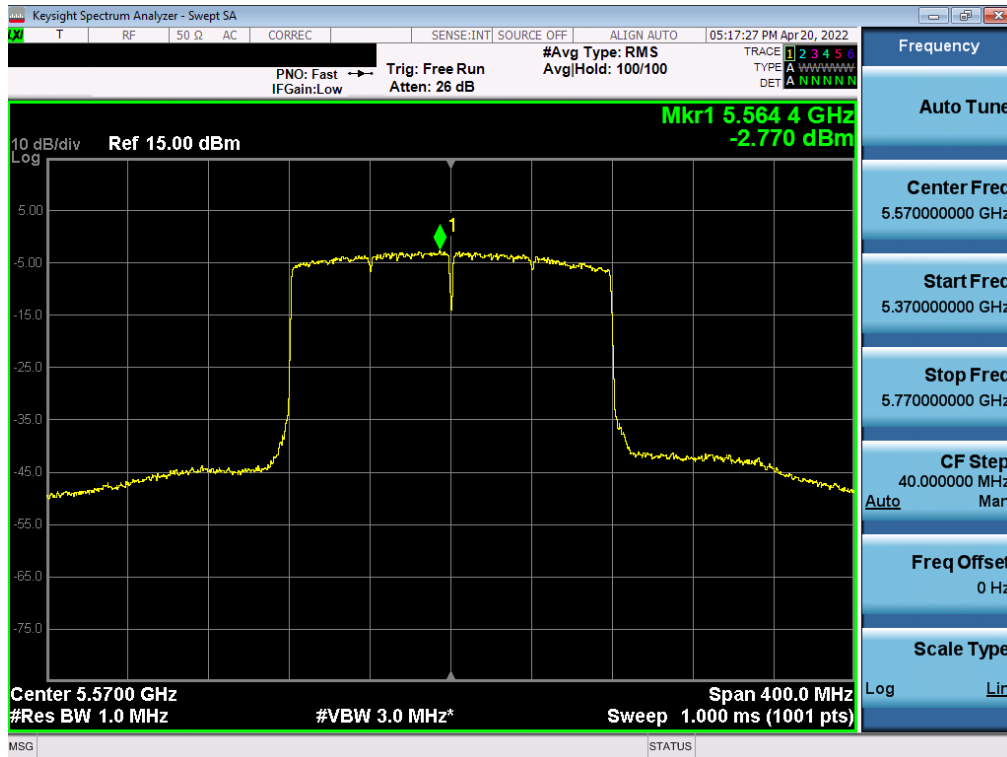


Plot 7-263. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 138)



Plot 7-264. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ac (UNII Band 2C) – Ch. 114)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 167 of 284

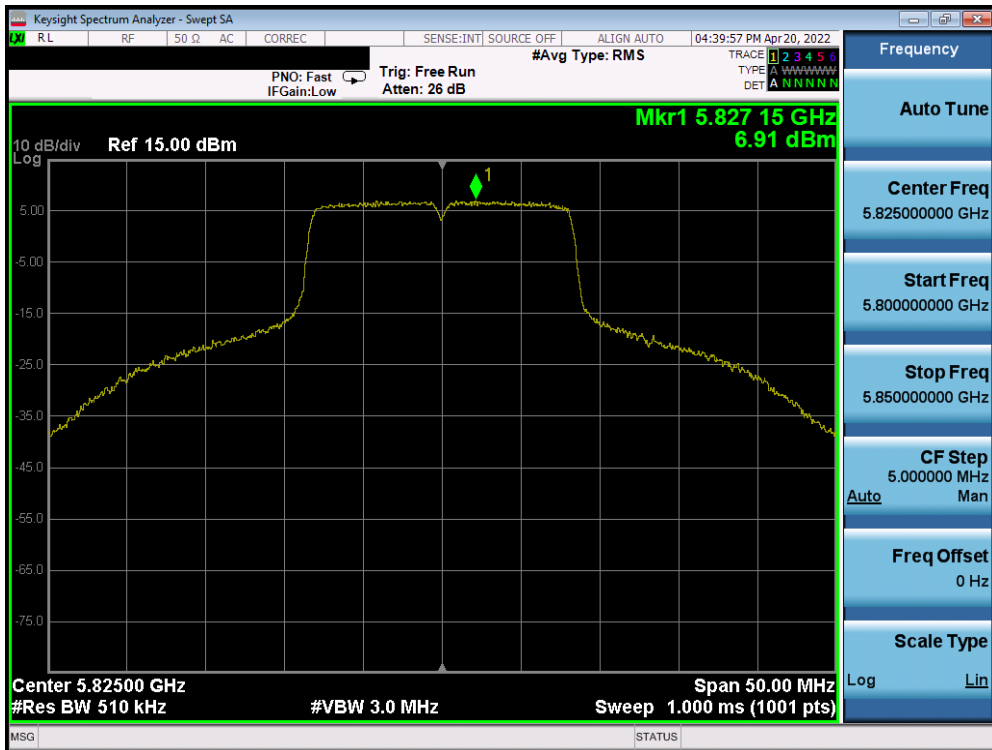


Plot 7-265. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax (UNII Band 2C) – Ch. 114

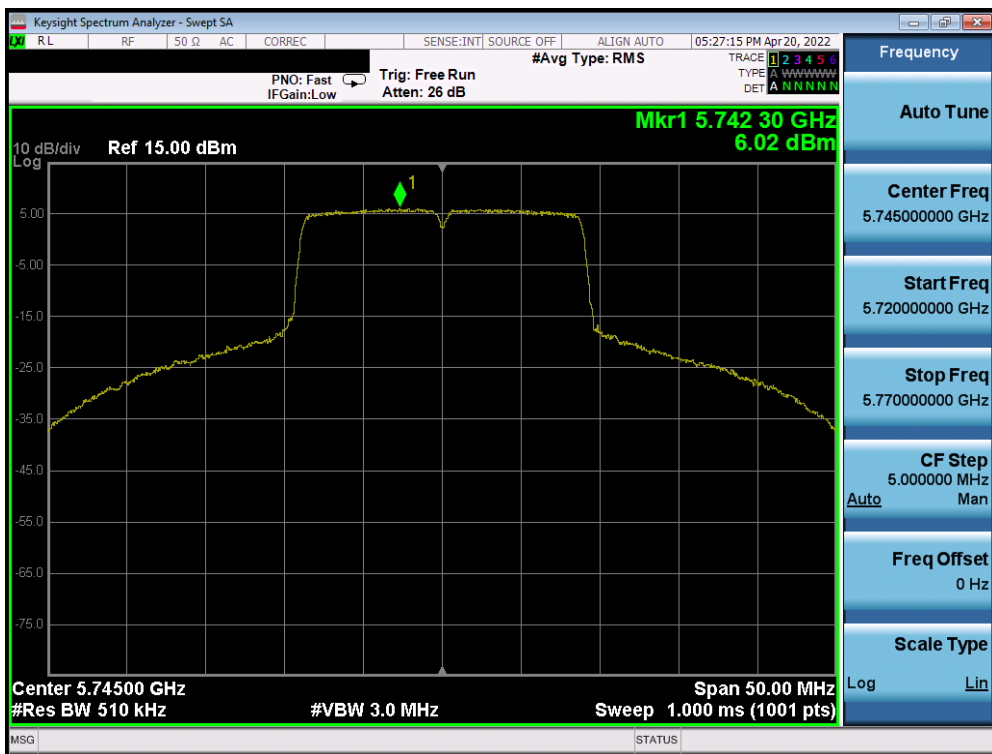
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	6	7.43	30.0	-22.57
	5785	157	a	6	7.10	30.0	-22.90
	5825	165	a	6	6.91	30.0	-23.09
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	6.02	30.0	-23.98
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	6.02	30.0	-23.98
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	6.15	30.0	-23.85
	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	6.96	30.0	-23.04
	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	6.48	30.0	-23.52
	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	6.46	30.0	-23.54
	5755	151	n (40MHz)	13.5/15 (MCS0)	3.92	30.0	-26.08
	5795	159	n (40MHz)	13.5/15 (MCS0)	3.75	30.0	-26.25
	5755	151	ax (40MHz)	13.5/15 (MCS0)	4.68	30.0	-25.32
	5795	159	ax (40MHz)	13.5/15 (MCS0)	4.54	30.0	-25.46
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-0.61	30.0	-30.61
5775	155	ax (80MHz)	29.3/32.5 (MCS0)	0.61	30.0	-29.39	

Table 7-28. Band 3 Conducted Power Spectral Density Measurements SISO ANT2

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 168 of 284

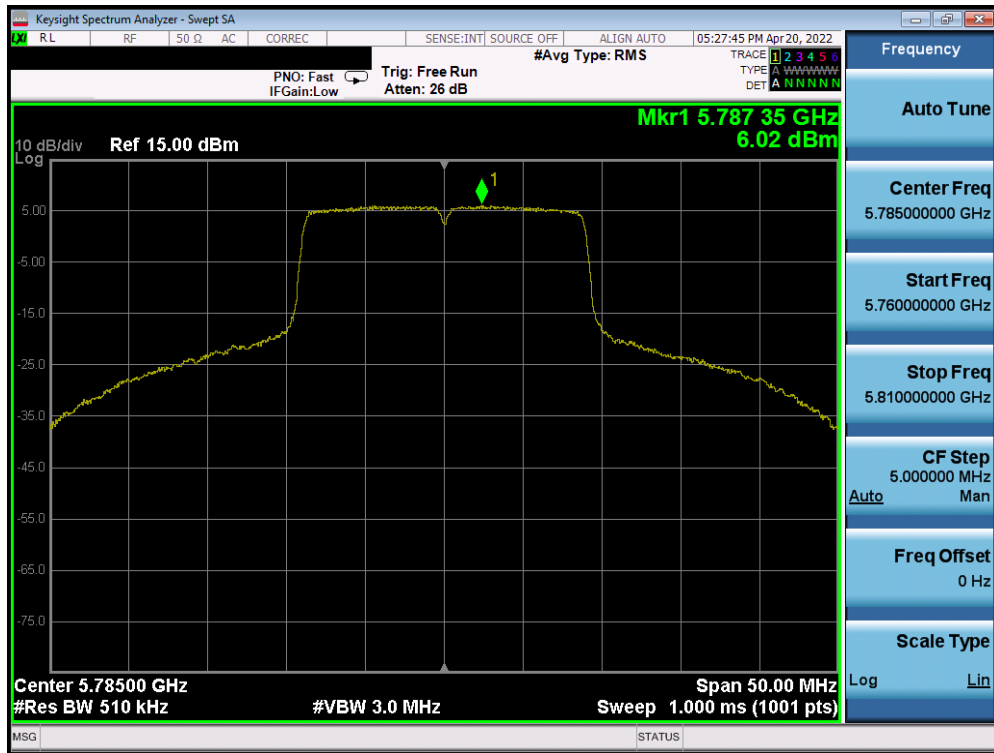


Plot 7-268. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 3) – Ch. 165)

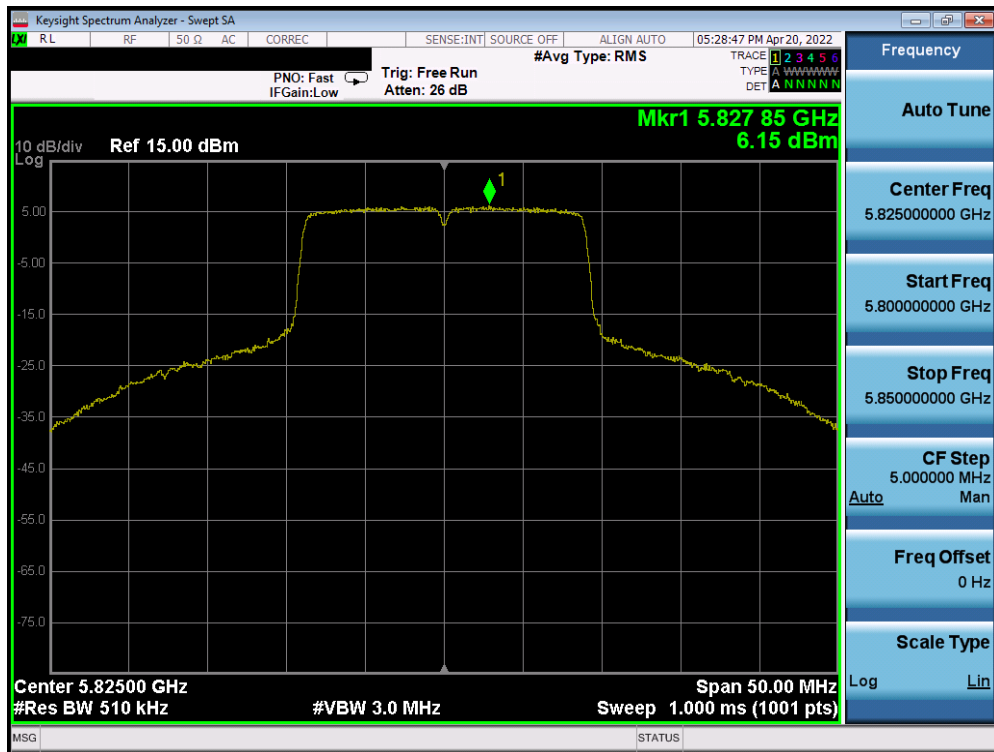


Plot 7-269. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 170 of 284

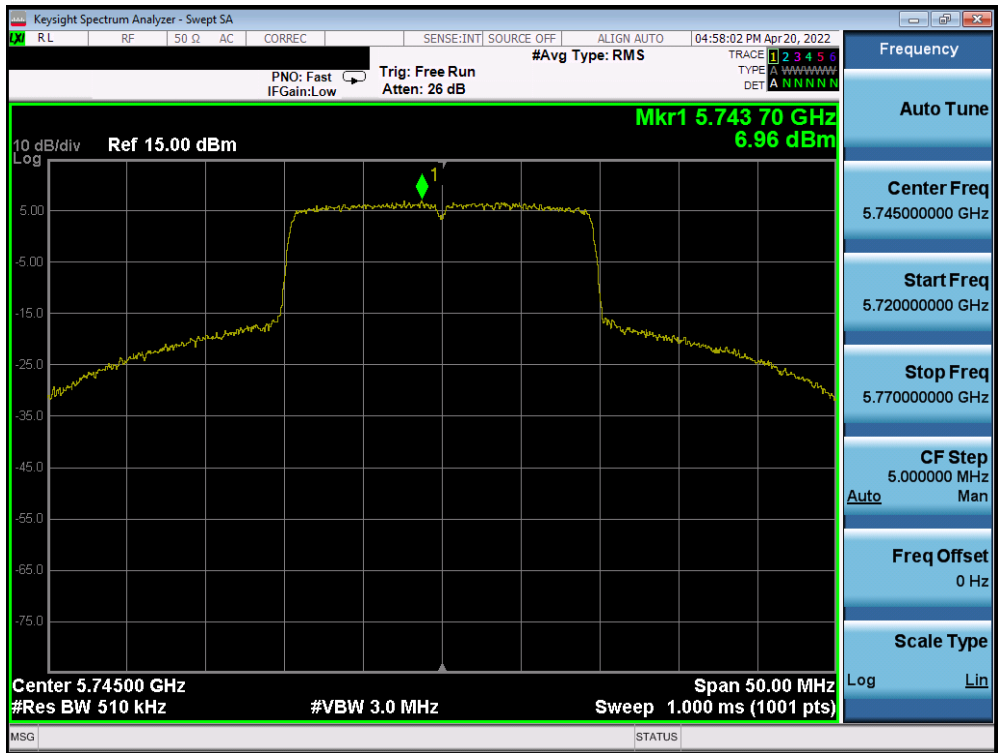


Plot 7-270. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 157)

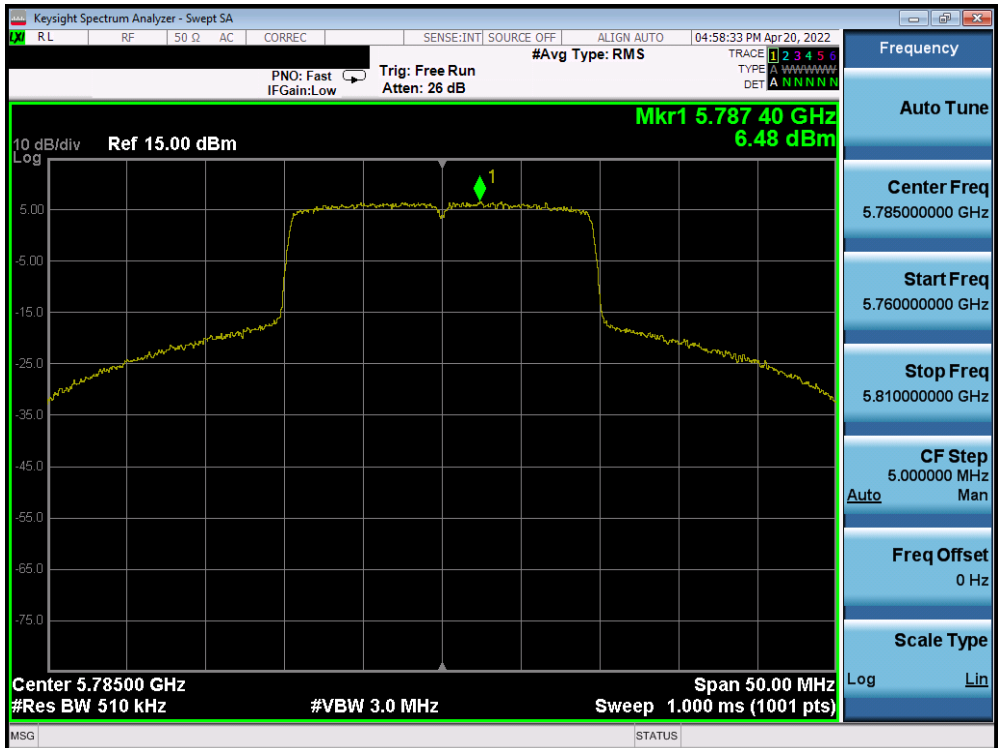


Plot 7-271. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 171 of 284

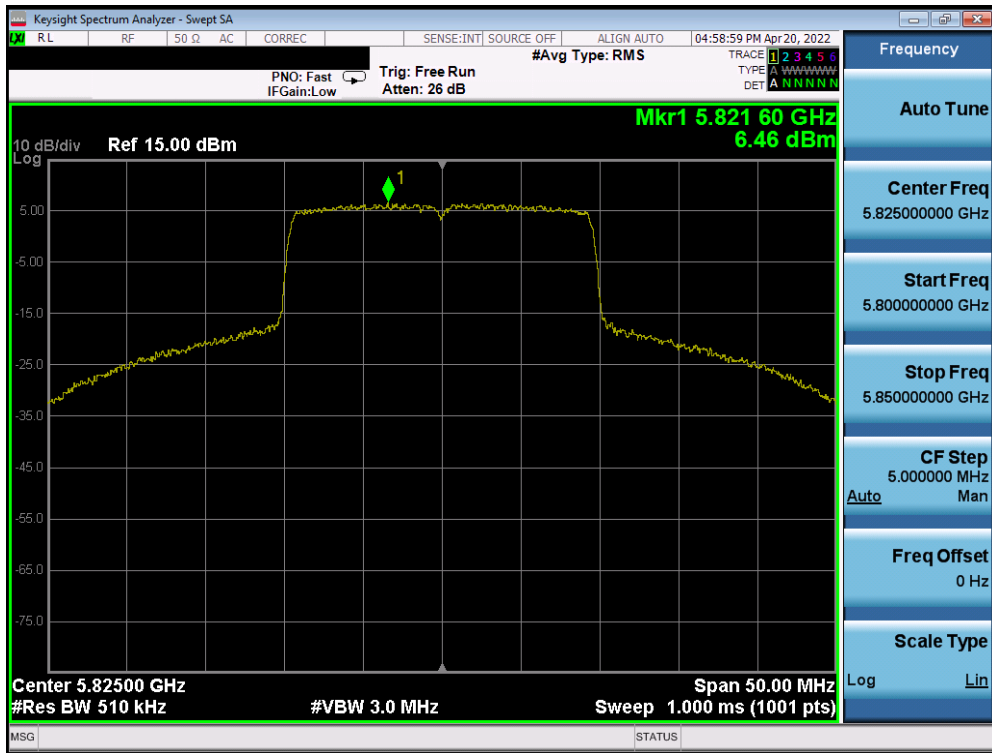


Plot 7-272. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

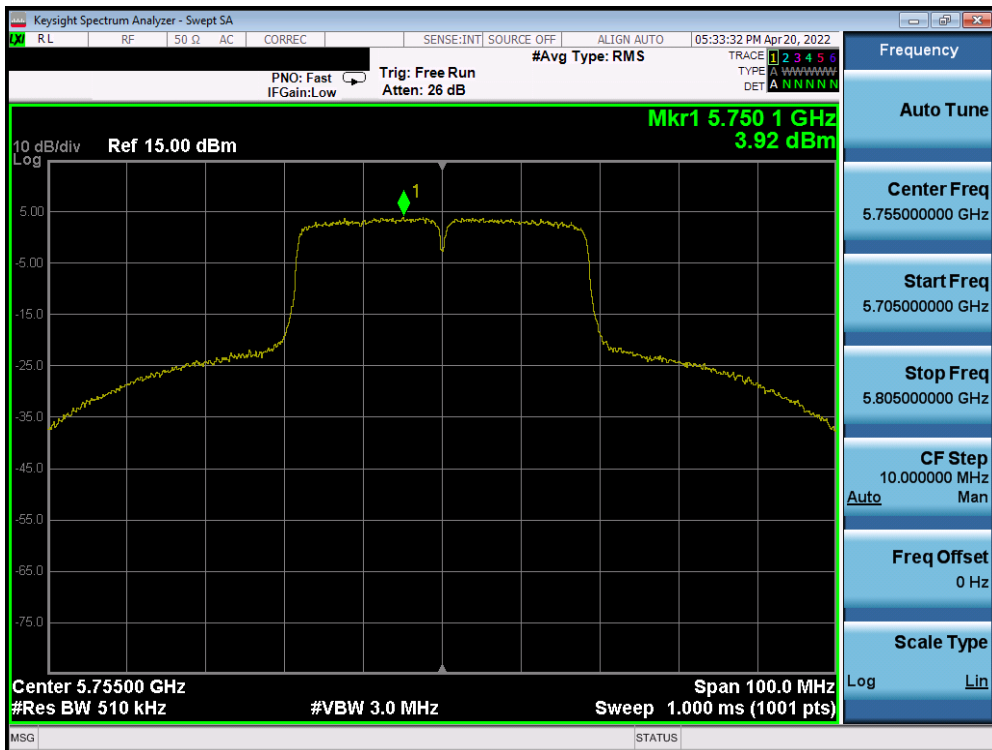


Plot 7-273. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 172 of 284



Plot 7-274. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)



Plot 7-275. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-15-R1.C3K	Test Dates: 3/14/2022-7/1/2022	EUT Type: Portable Computing Device	Page 173 of 284