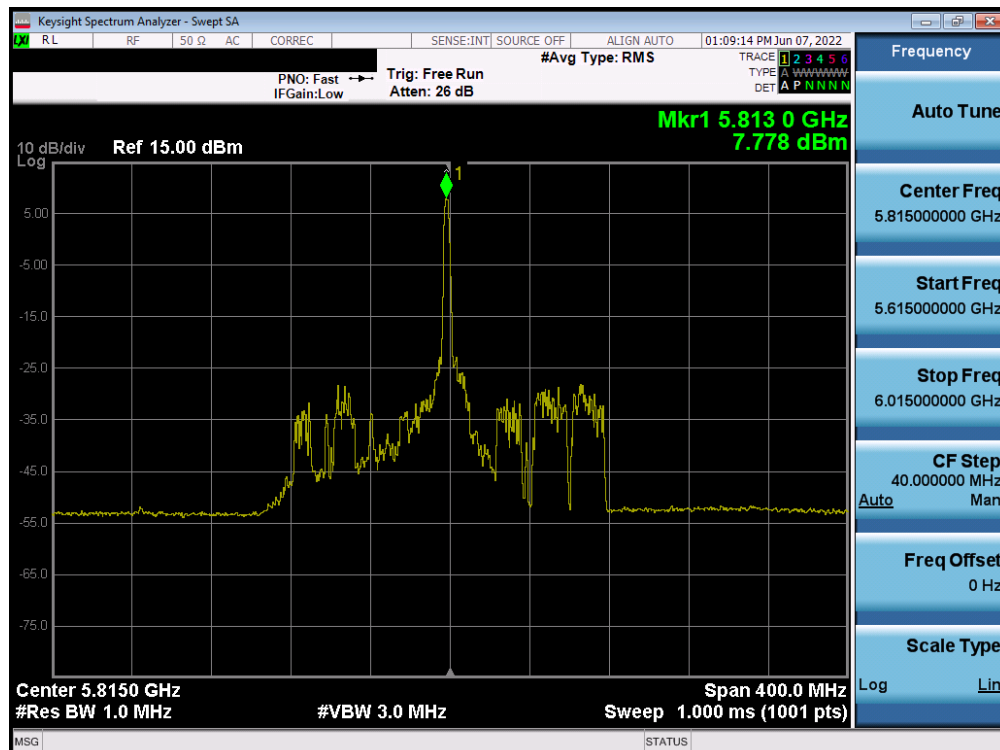


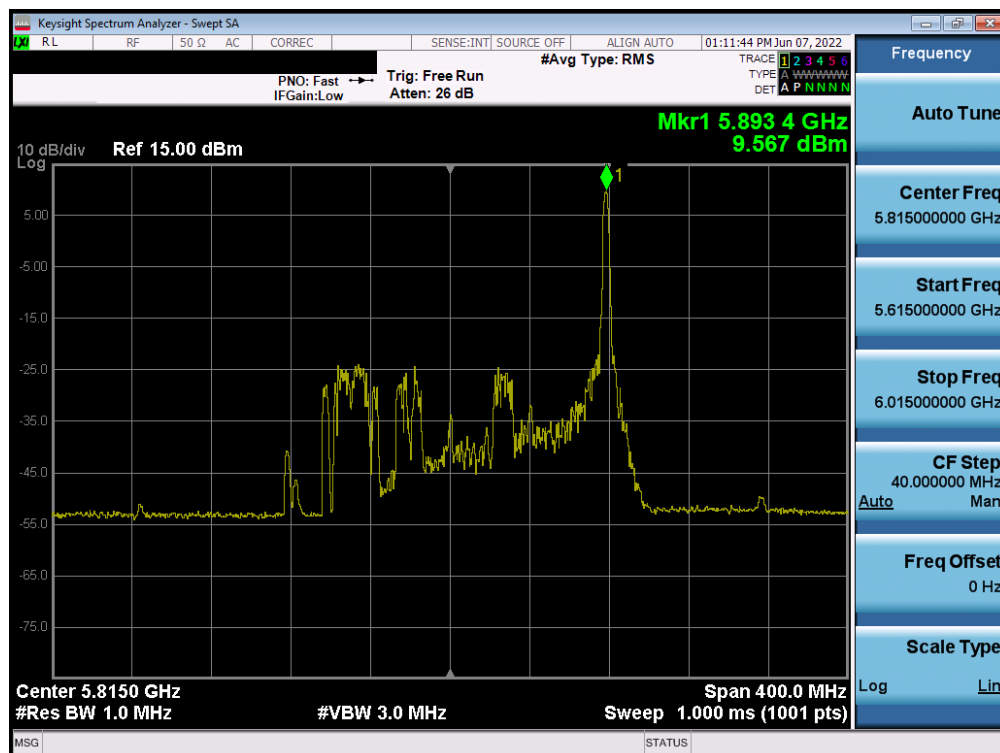


Plot 7-193. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 171)



Plot 7-194. Power Spectral Density Plot SISO ANT1 (160MHz BW (L) 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 153 of 313



Plot 7-195. Power Spectral Density Plot SISO ANT1 (160MHz BW (U) 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 154 of 313

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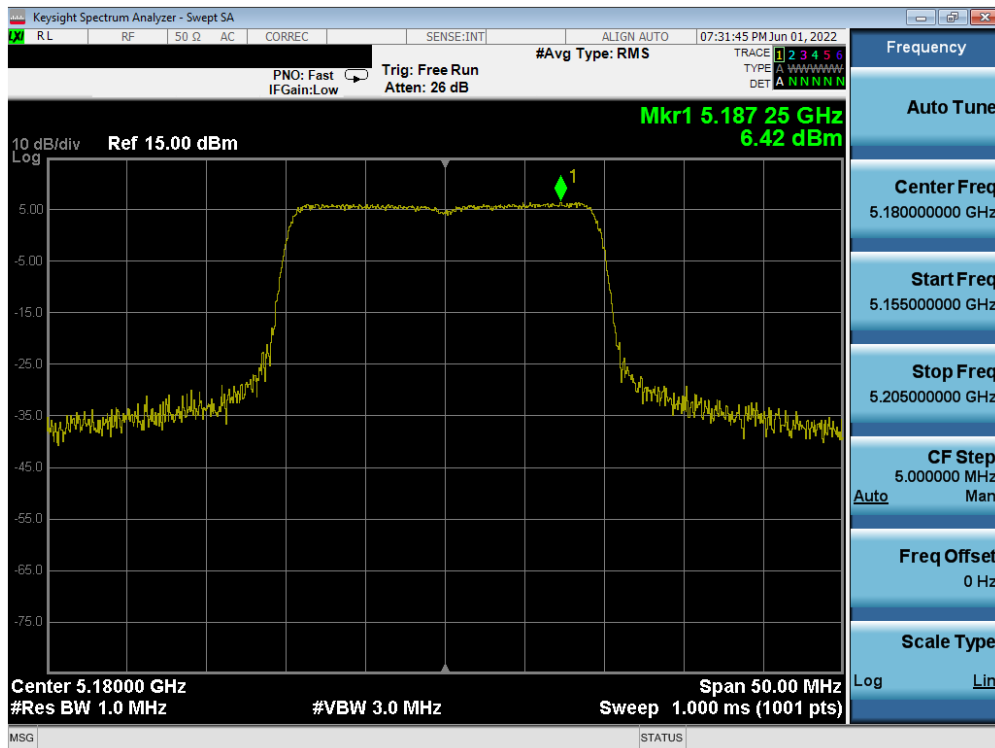
SISO Antenna-1 Power Spectral Density Measurements (Full Tones)

	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	6.42	11.0	-4.58
	5200	40	ax (20MHz)	242T	MCS0	5.81	11.0	-5.19
	5240	48	ax (20MHz)	242T	MCS0	5.52	11.0	-5.48
	5190	38	ax (40MHz)	484T	MCS0	3.35	11.0	-7.65
	5230	46	ax (40MHz)	484T	MCS0	3.38	11.0	-7.62
	5210	42	ax (80MHz)	996T	MCS0	-0.81	11.0	-11.81
Band 1/2A	5250	50	ax (160MHz L)	996T	MCS0	-0.06	11.0	-11.06
	5250	50	ax (160MHz U)	996T	MCS0	0.35	11.0	-10.65
Band 2A	5260	52	ax (20MHz)	242T	MCS0	5.63	11.0	-5.37
	5280	56	ax (20MHz)	242T	MCS0	5.69	11.0	-5.31
	5320	64	ax (20MHz)	242T	MCS0	6.12	11.0	-4.88
	5270	54	ax (40MHz)	484T	MCS0	2.67	11.0	-8.33
	5310	62	ax (40MHz)	484T	MCS0	2.97	11.0	-8.03
	5290	58	ax (80MHz)	996T	MCS0	-0.54	11.0	-11.54
Band 2C	5500	100	ax (20MHz)	242T	MCS0	6.82	11.0	-4.18
	5600	120	ax (20MHz)	242T	MCS0	5.84	11.0	-5.16
	5720	144	ax (20MHz)	242T	MCS0	5.47	11.0	-5.54
	5510	102	ax (40MHz)	484T	MCS0	3.68	11.0	-7.32
	5590	118	ax (40MHz)	484T	MCS0	3.13	11.0	-7.87
	5710	142	ax (40MHz)	484T	MCS0	2.86	11.0	-8.14
	5530	106	ax (80MHz)	996T	MCS0	-0.37	11.0	-11.37
	5610	122	ax (80MHz)	996T	MCS0	-0.56	11.0	-11.56
	5690	138	ax (80MHz)	996T	MCS0	-0.87	11.0	-11.87
	5570	114	ax (160MHz L)	996T	MCS0	0.55	11.0	-10.45
	5570	114	ax (160MHz U)	996T	MCS0	0.46	11.0	-10.54

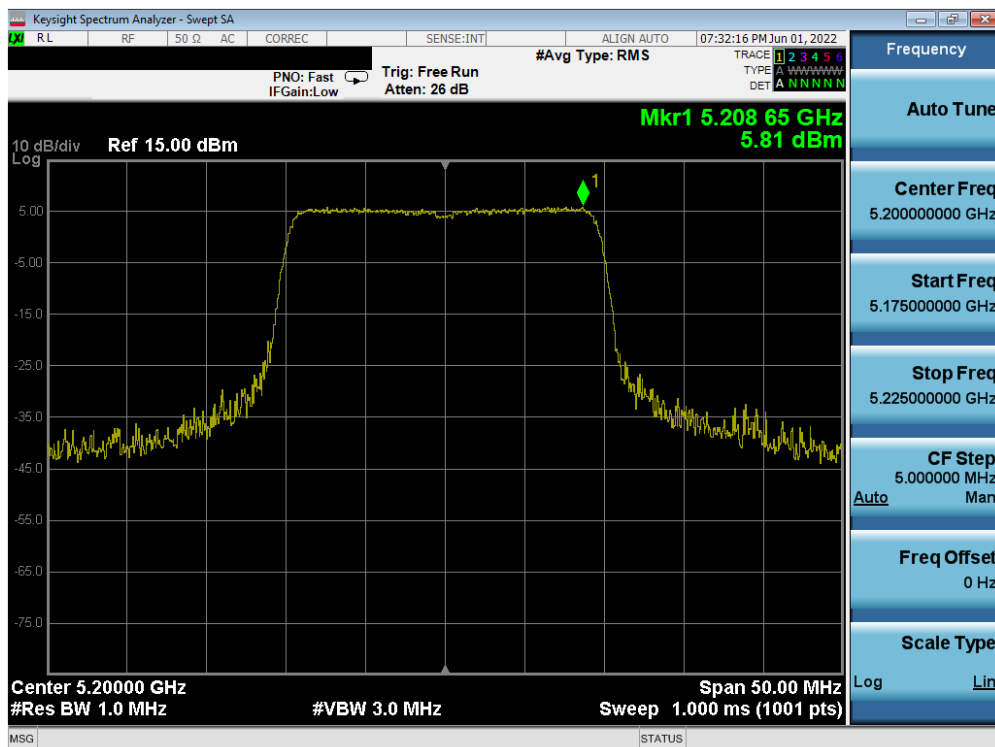
Table 7-83. Bands 1, 2A, 2C Conducted Power Spectral Density Measurements SISO ANT1 (Full Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 155 of 313

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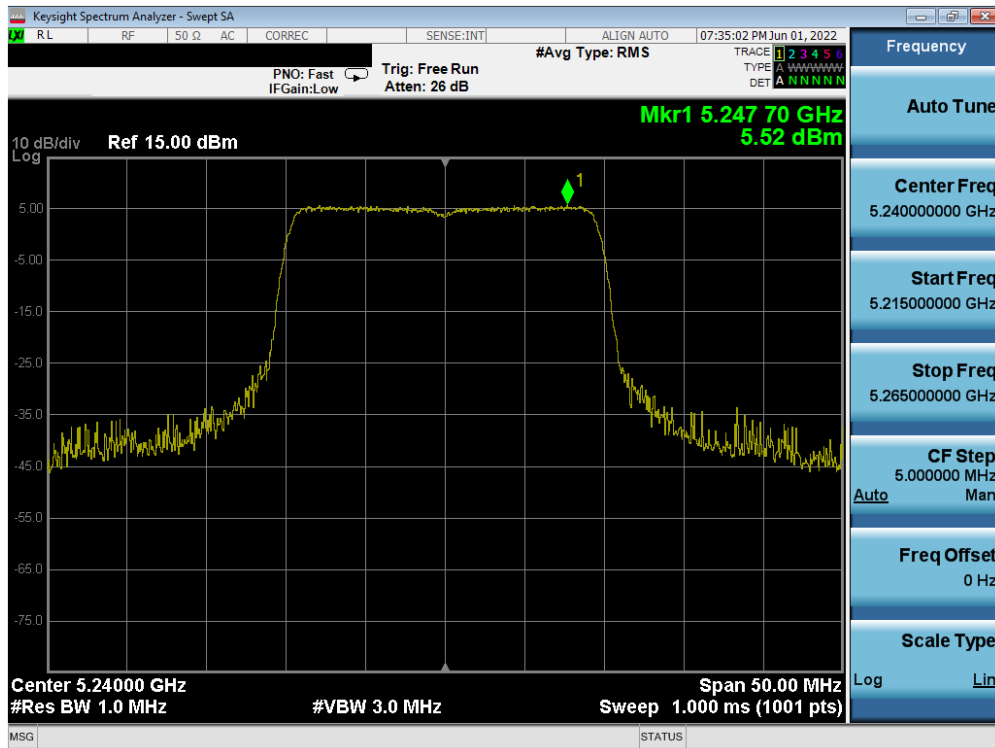


Plot 7-196. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 36)

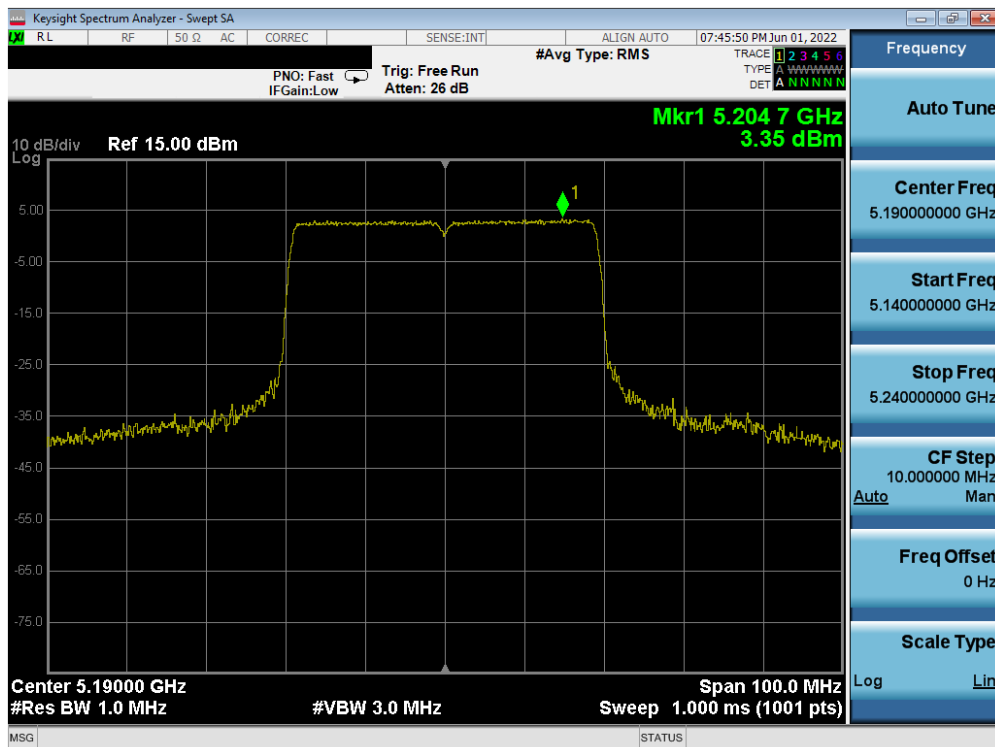


Plot 7-197. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 156 of 313

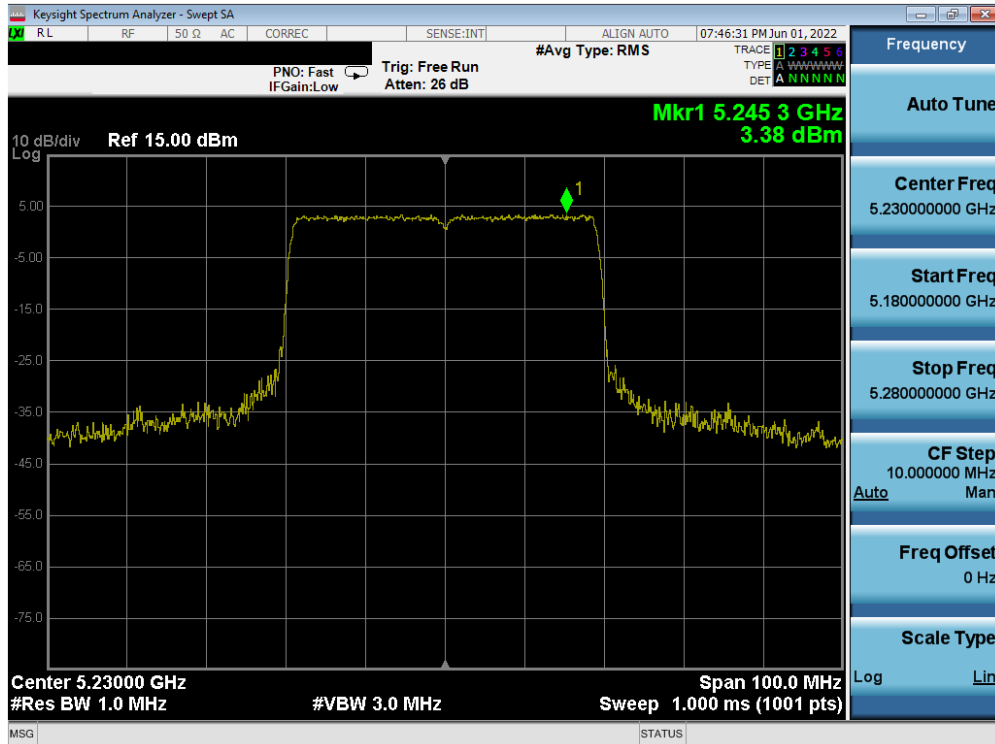


Plot 7-198. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 48)

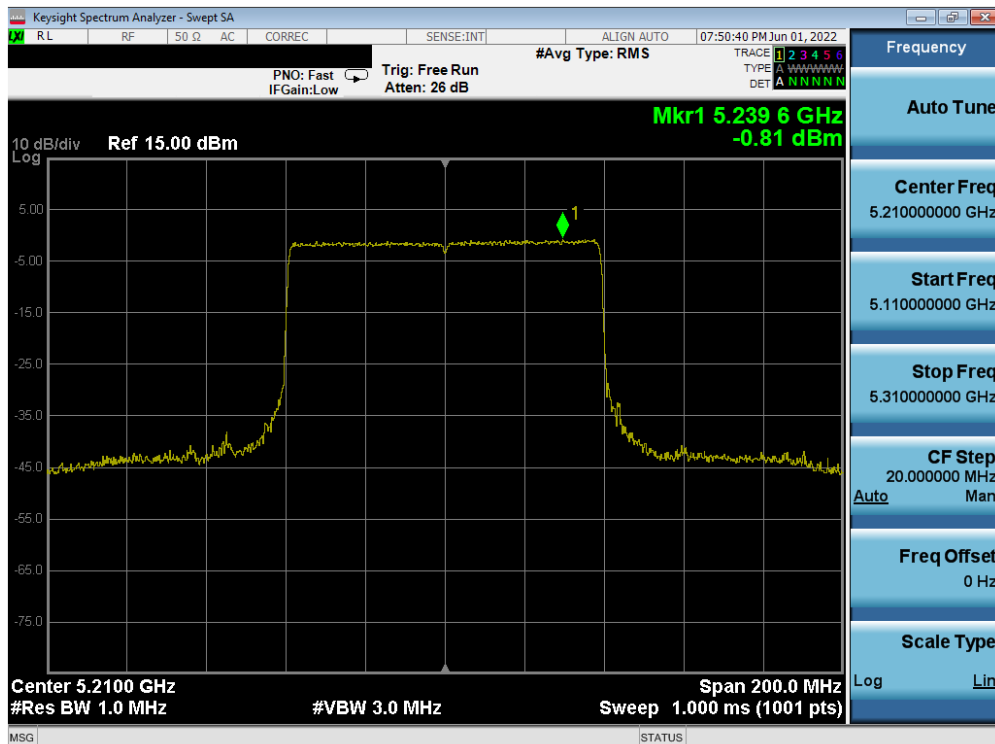


Plot 7-199. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 157 of 313



Plot 7-200. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 46)

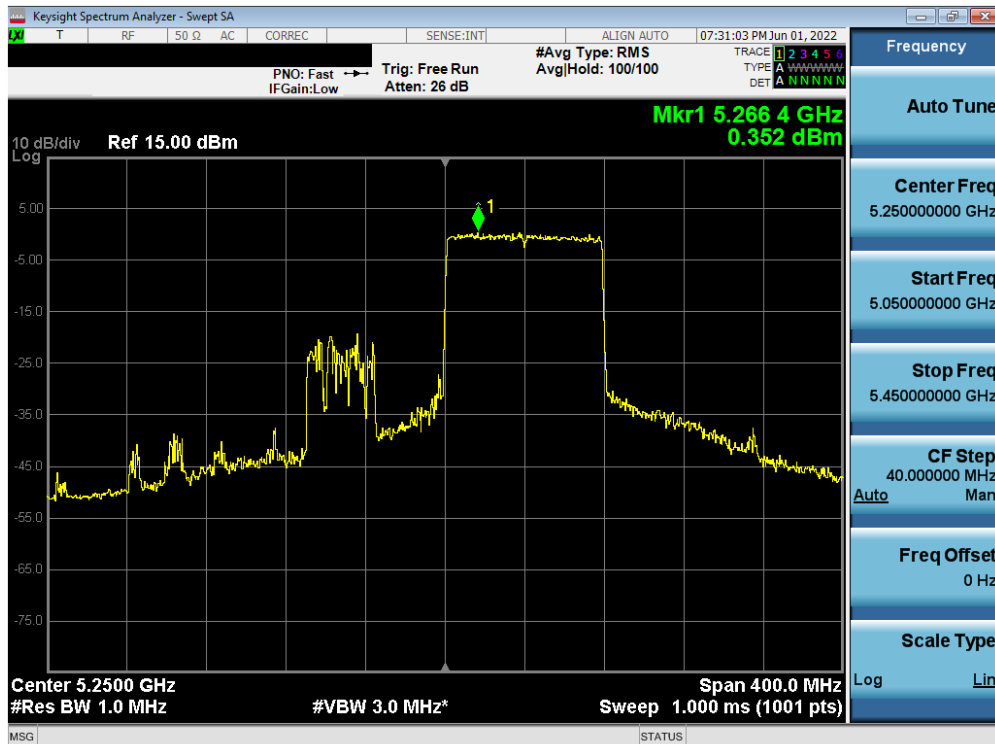


Plot 7-201. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 158 of 313

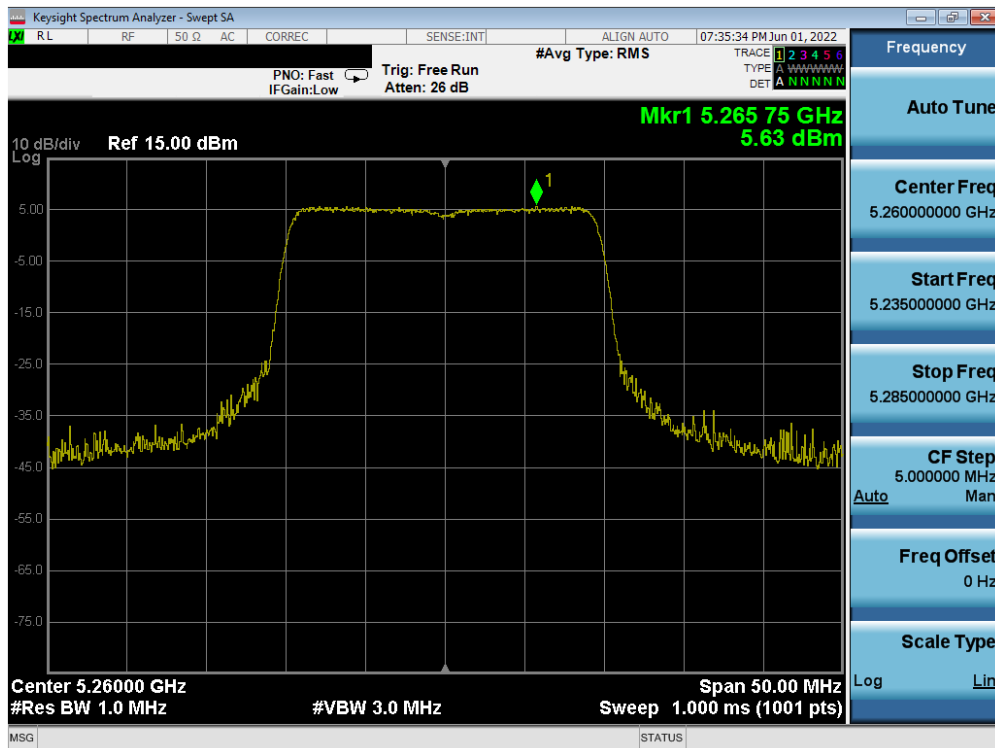


Plot 7-202. Power Spectral Density Plot SISO ANT1 (160MHz L BW 802.11ax – Full Tones (UNII Band 1/2A) – Ch. 50)

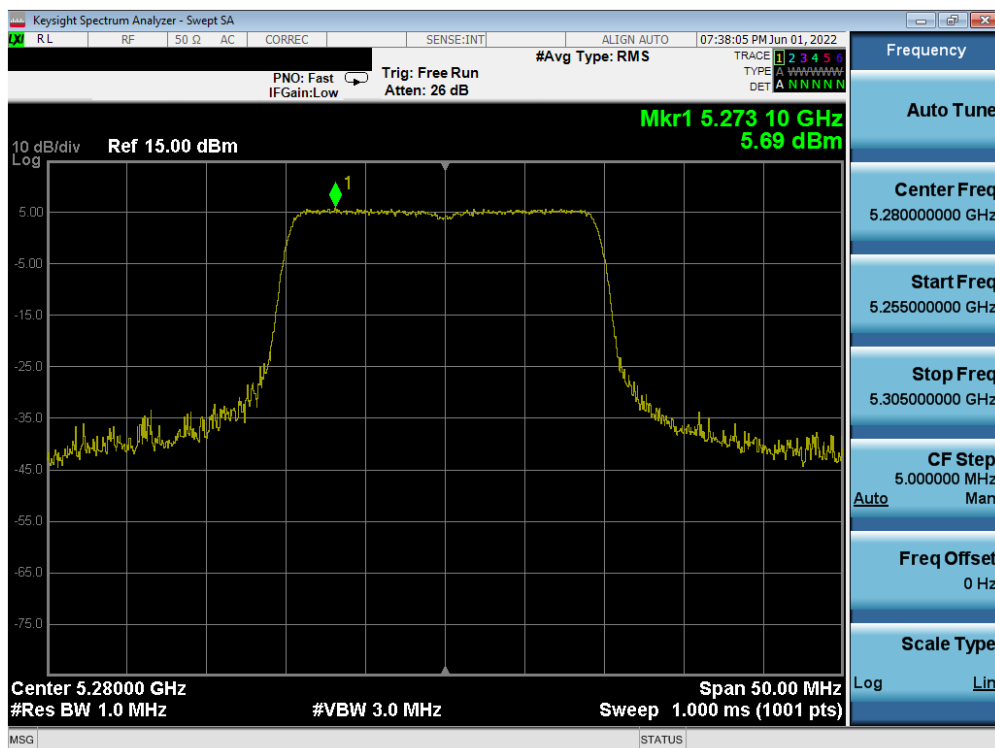


Plot 7-203. Power Spectral Density Plot SISO ANT1 (160MHz U BW 802.11ax – Full Tones (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 159 of 313

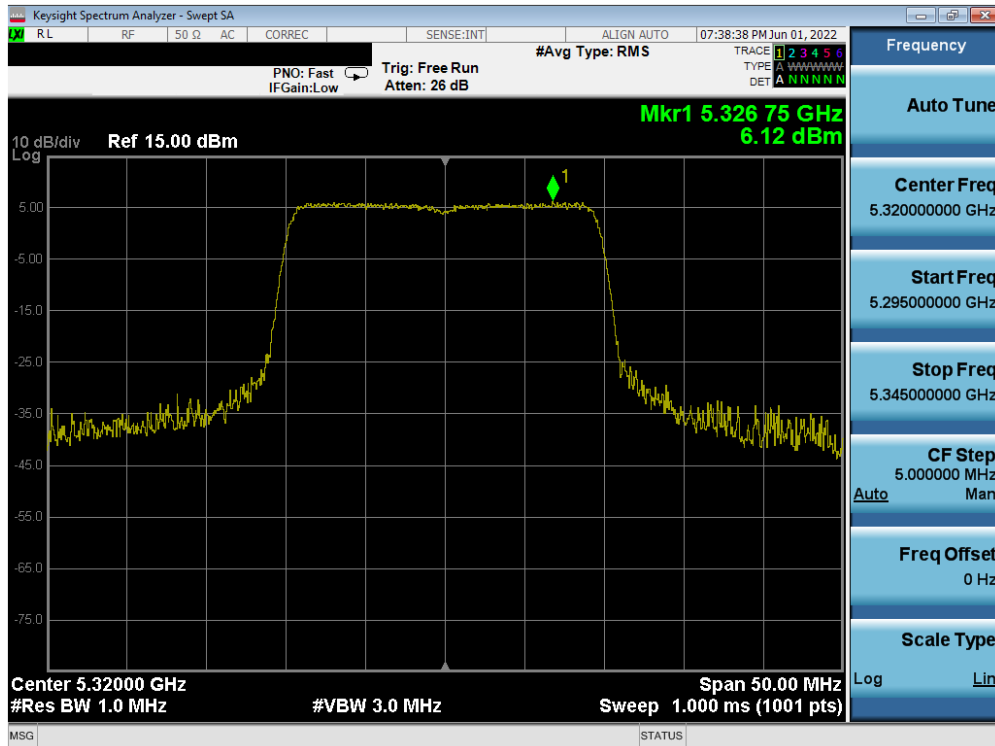


Plot 7-204. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 52)

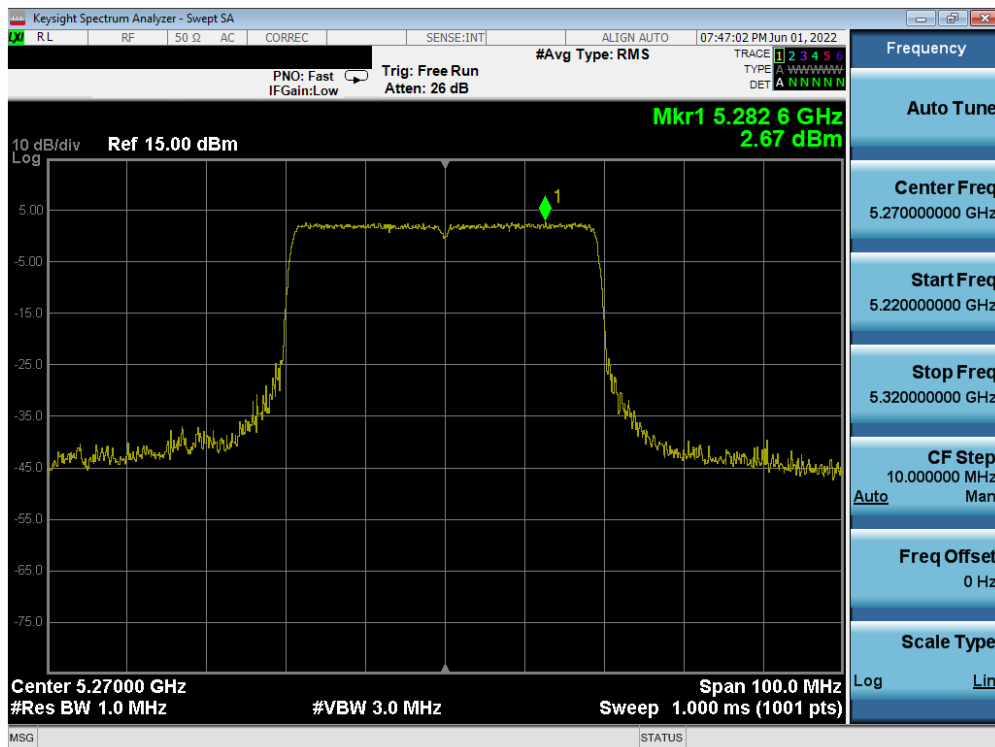


Plot 7-205. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 160 of 313

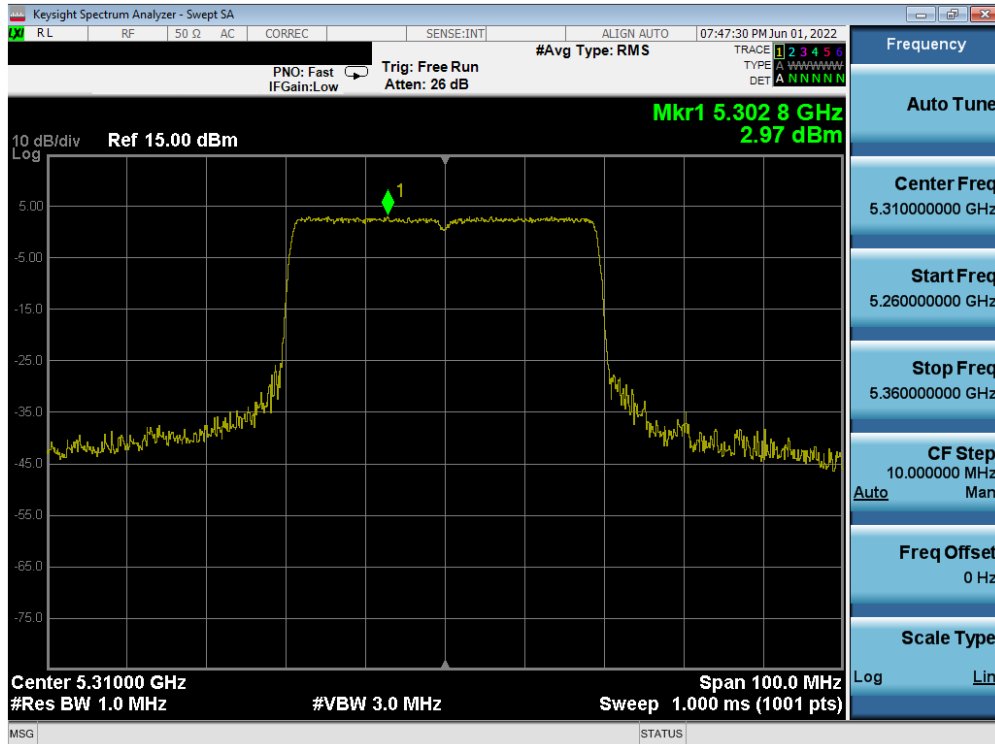


Plot 7-206. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 64)

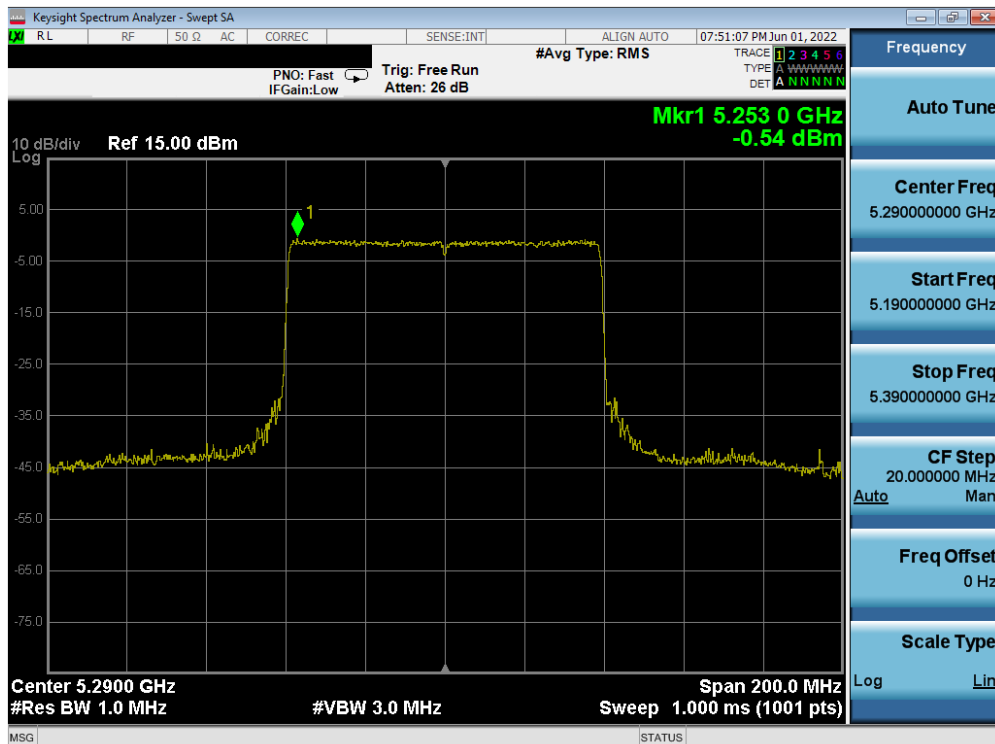


Plot 7-207. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 161 of 313

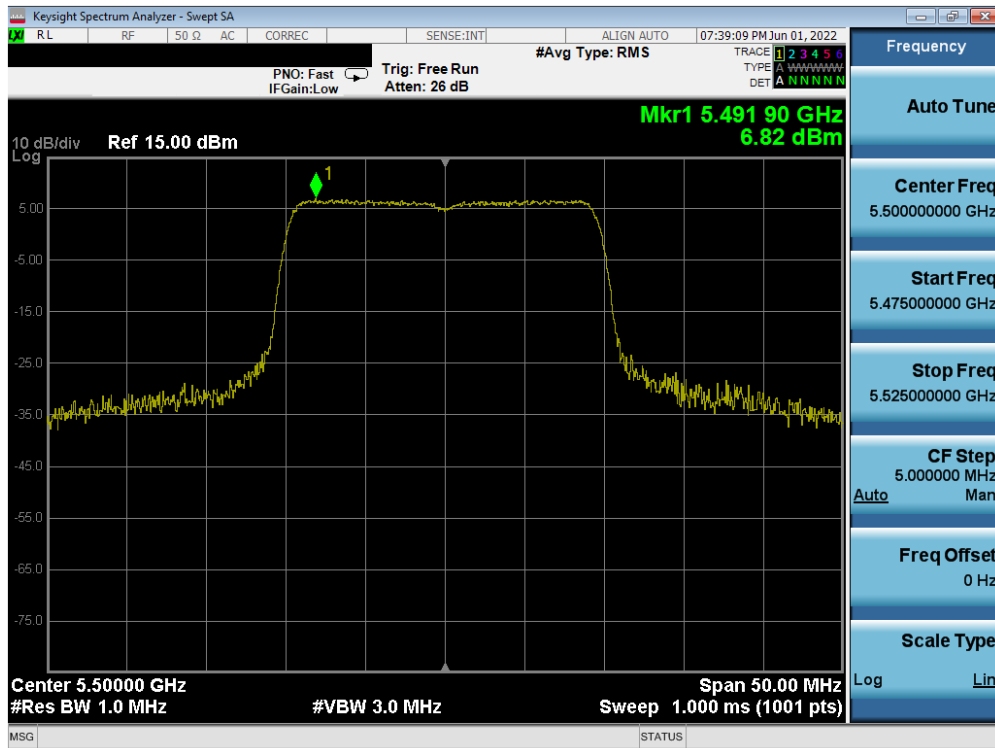


Plot 7-208. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 62)

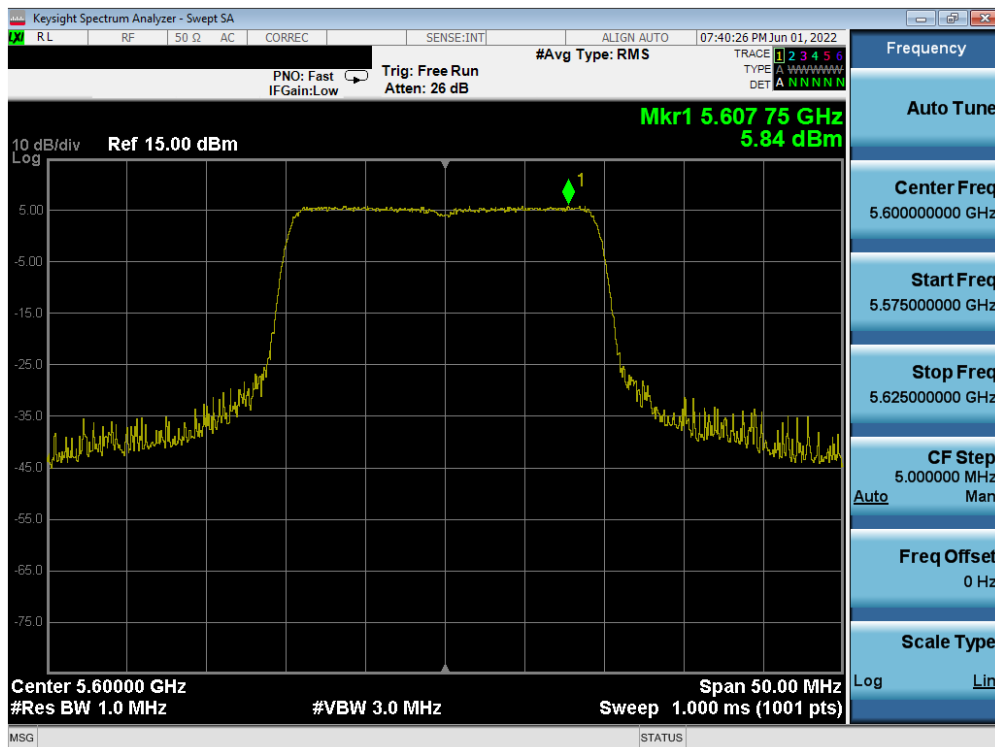


Plot 7-209. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 162 of 313

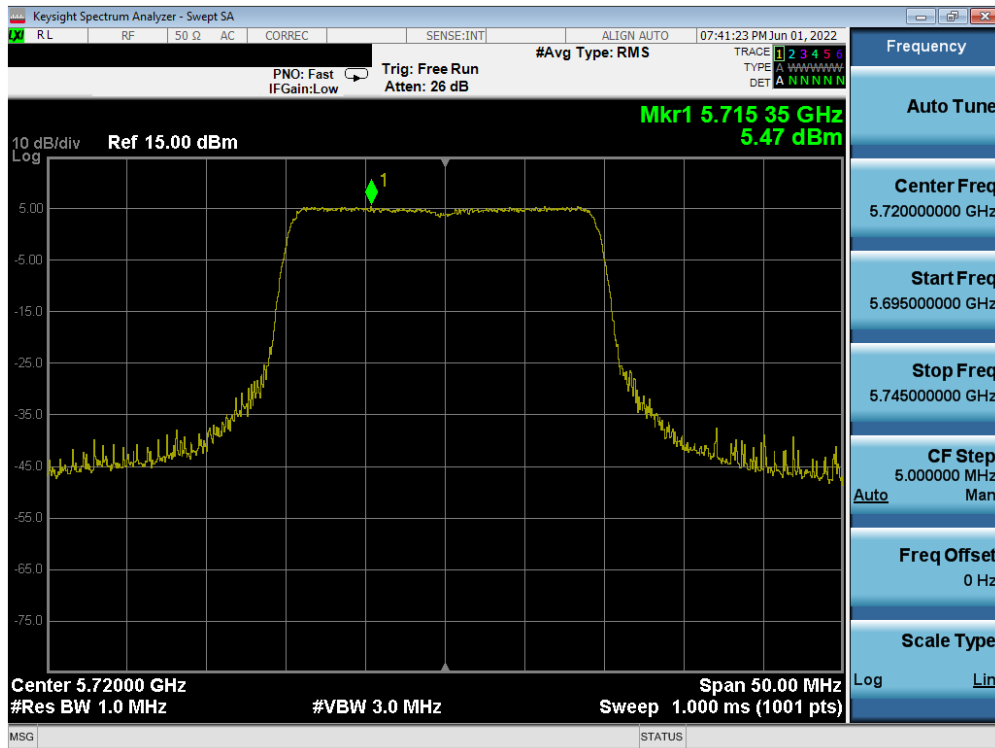


Plot 7-210. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 100)

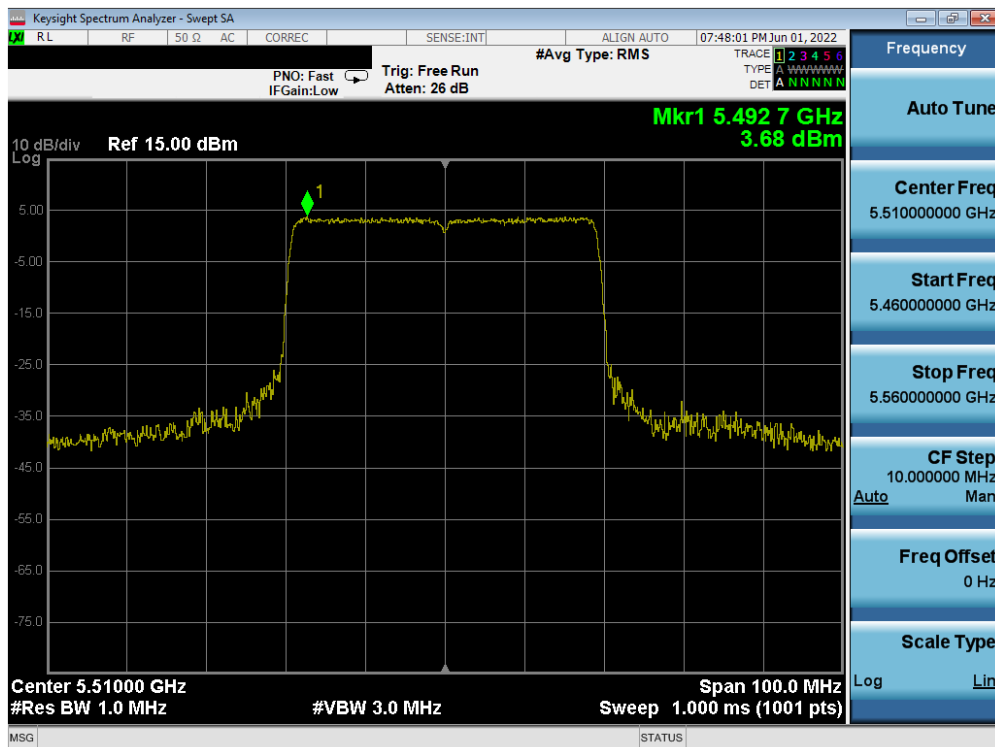


Plot 7-211. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 163 of 313

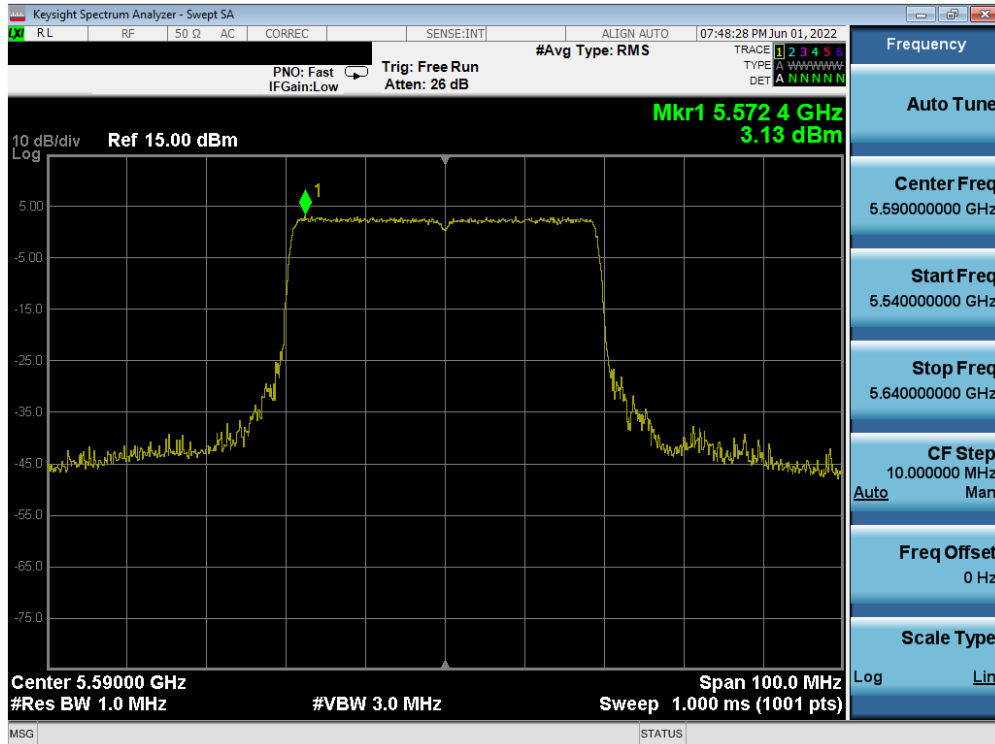


Plot 7-212. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 144)

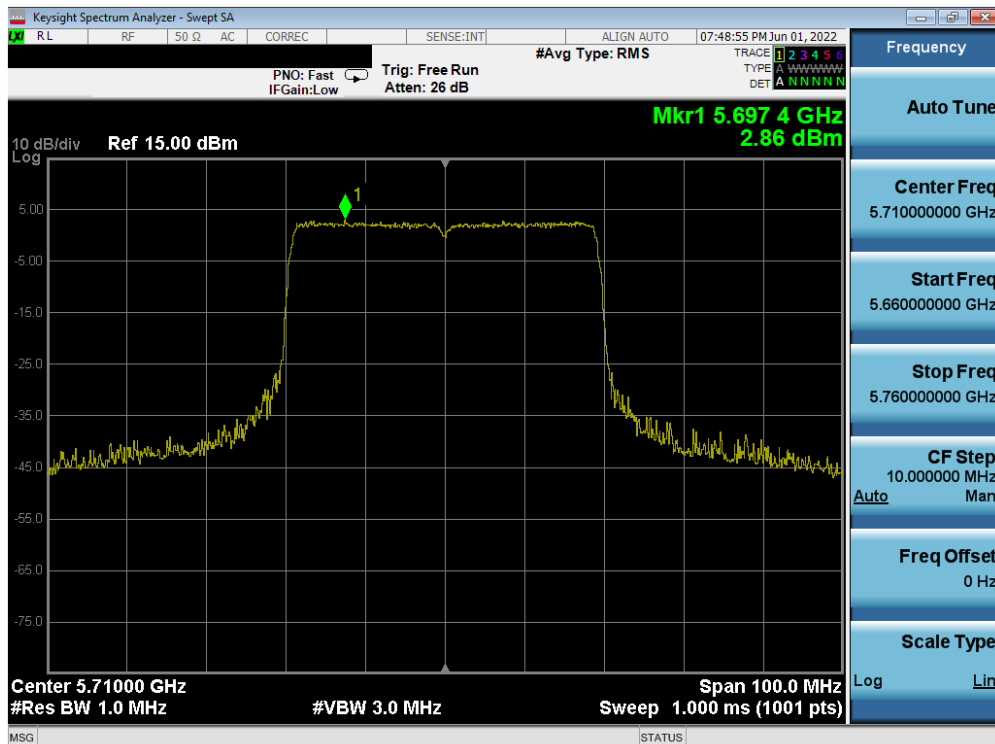


Plot 7-213. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 164 of 313

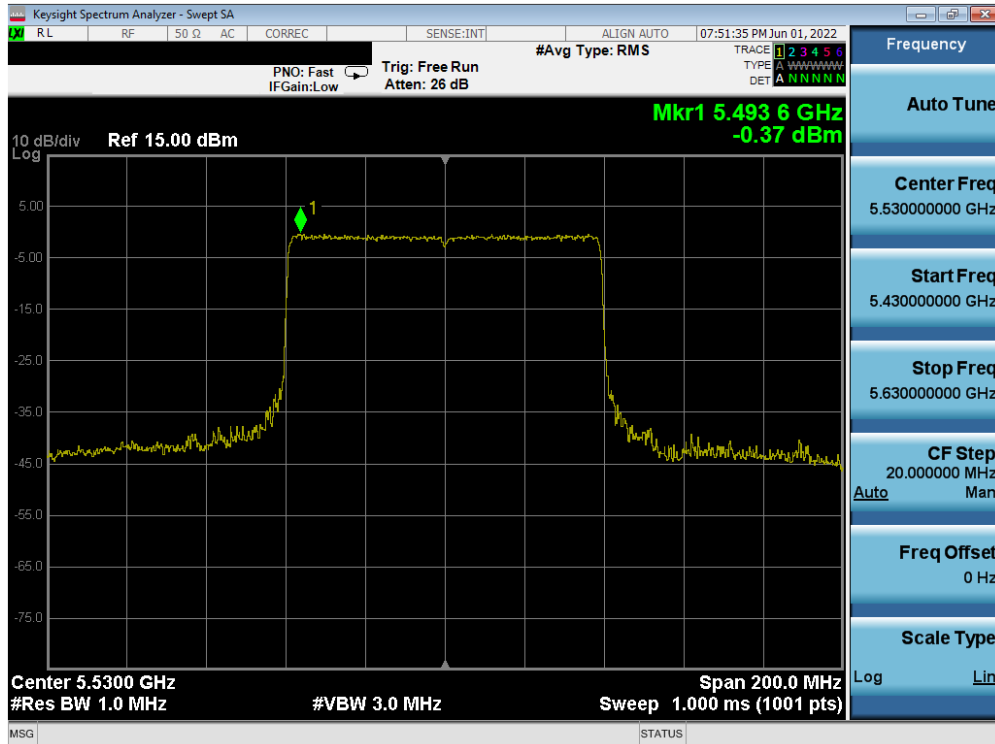


Plot 7-214. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 118)

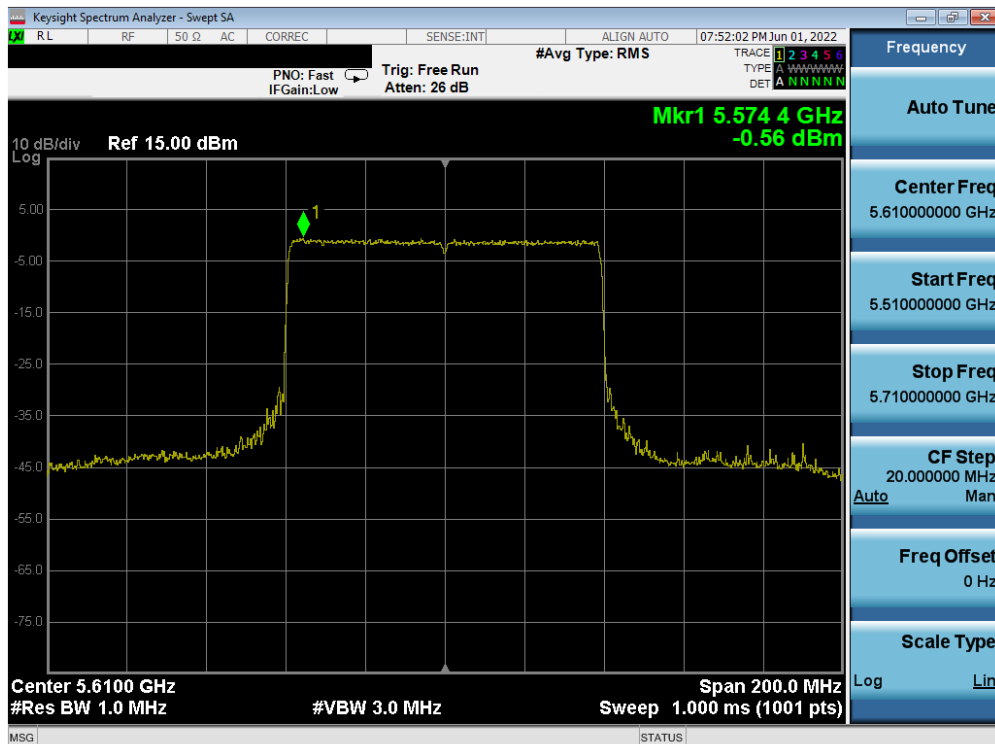


Plot 7-215. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 165 of 313

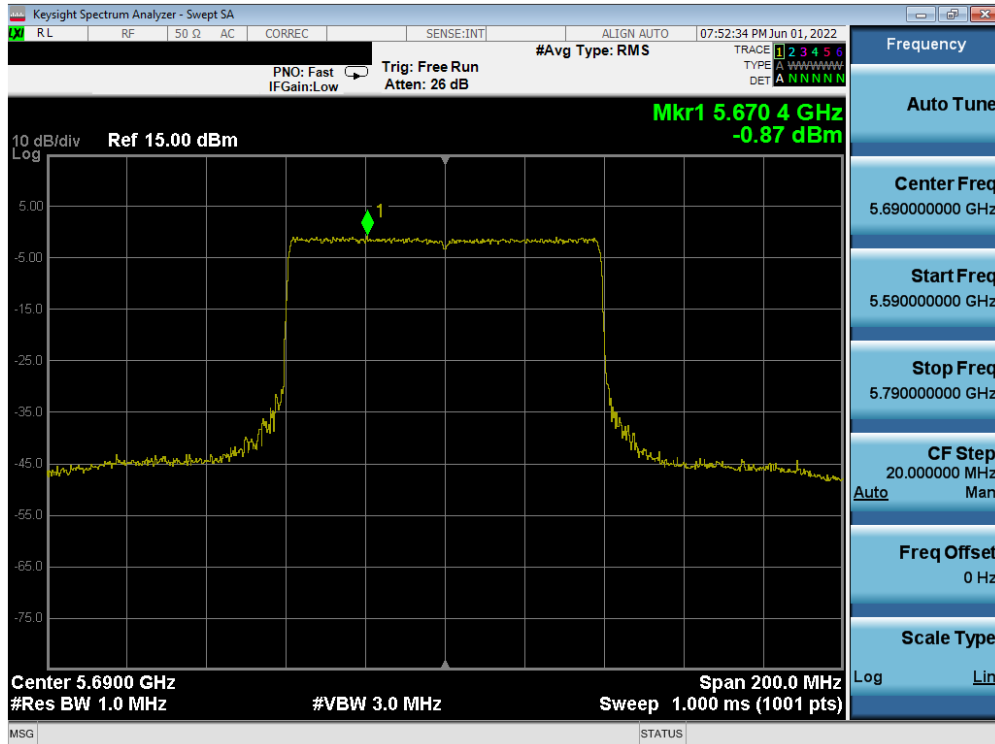


Plot 7-216. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 106)



Plot 7-217. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 122)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 166 of 313



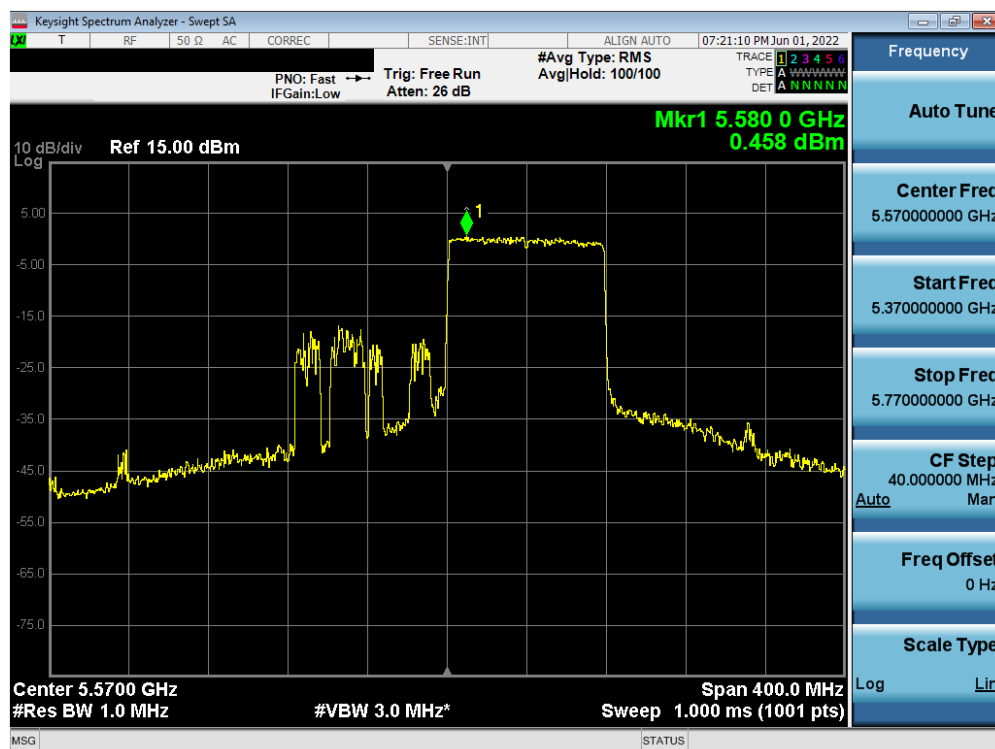
Plot 7-218. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 138)



Plot 7-219. Power Spectral Density Plot SISO ANT1 (160MHz L BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 167 of 313

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Plot 7-220. Power Spectral Density Plot SISO ANT1 (160MHz U BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 168 of 313

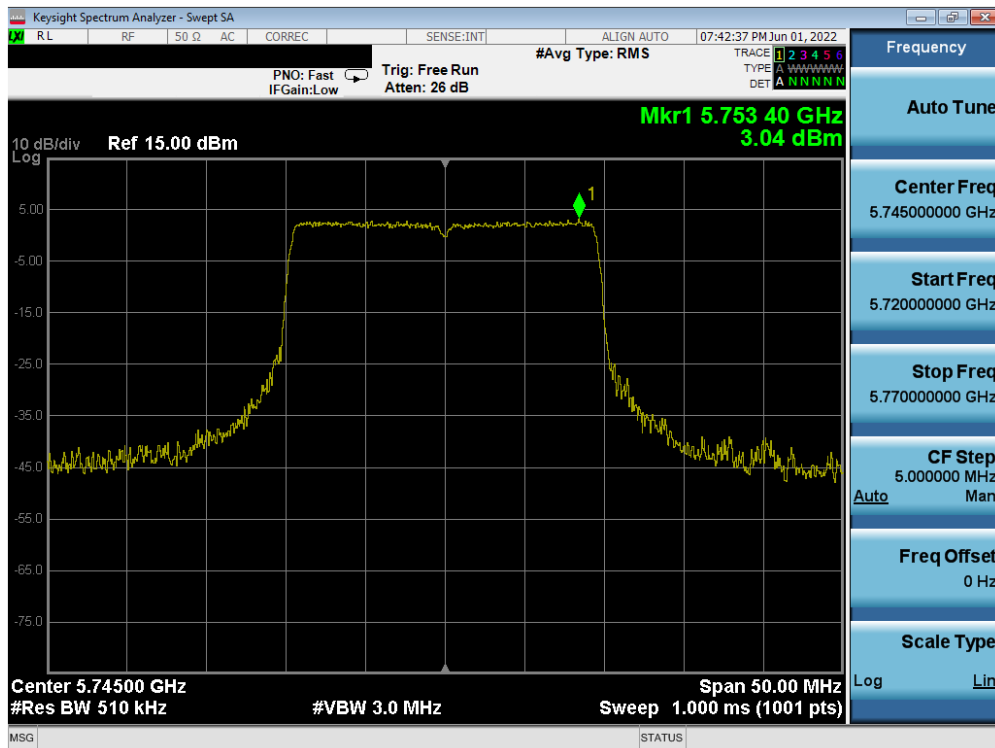
V 9.0 02/01/2019

	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	3.04	30.00	-26.96
	5785	157	ax (20MHz)	242T	MCS0	2.67	30.00	-27.33
	5825	165	ax (20MHz)	242T	MCS0	3.34	30.00	-26.66
	5755	151	ax (40MHz)	484T	MCS0	-0.10	30.00	-30.10
	5795	159	ax (40MHz)	484T	MCS0	-0.43	30.00	-30.43
	5775	155	ax (80MHz)	996T	MCS0	-4.13	30.00	-34.13

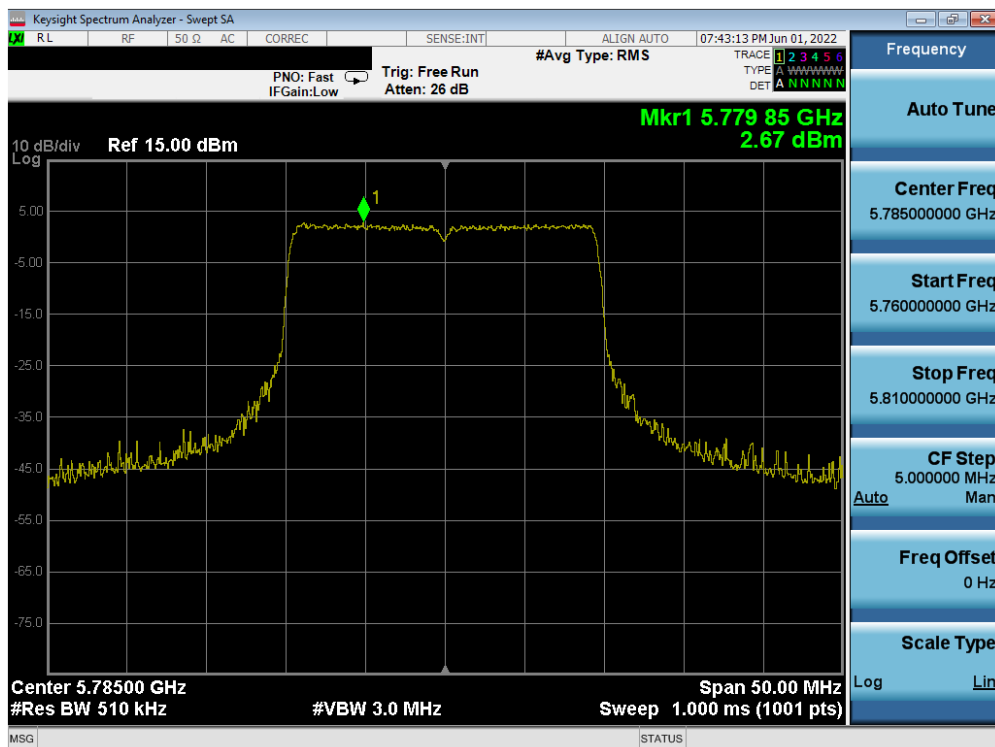
Table 7-84. Band 3 Conducted Power Spectral Density Measurements SISO ANT1 (Full Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 169 of 313

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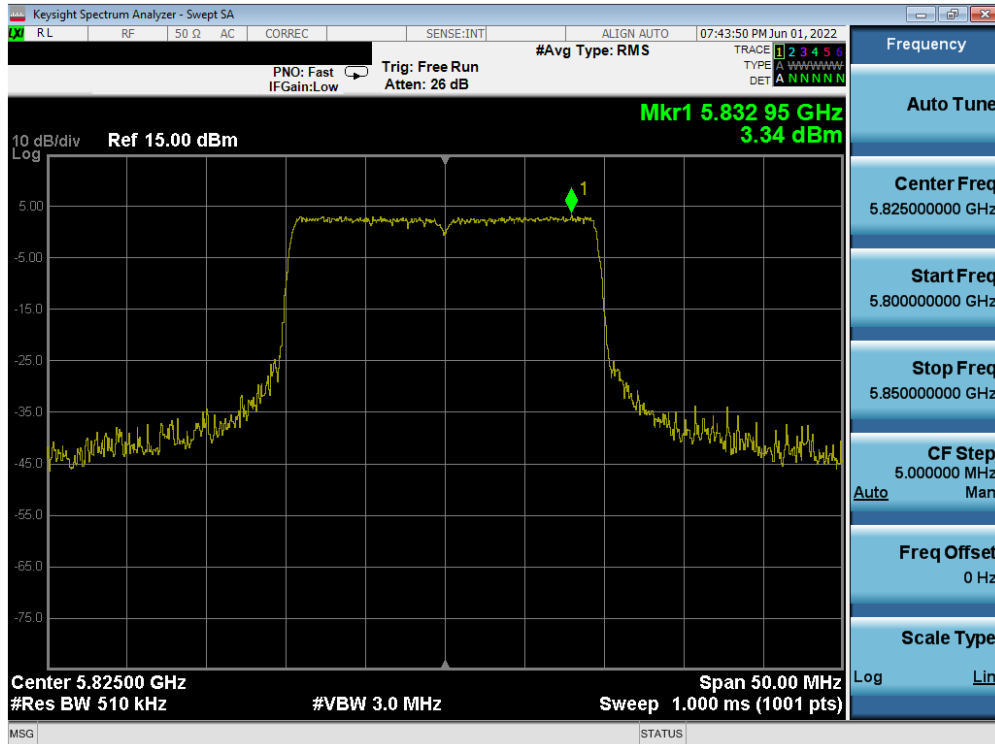


Plot 7-221. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 149)

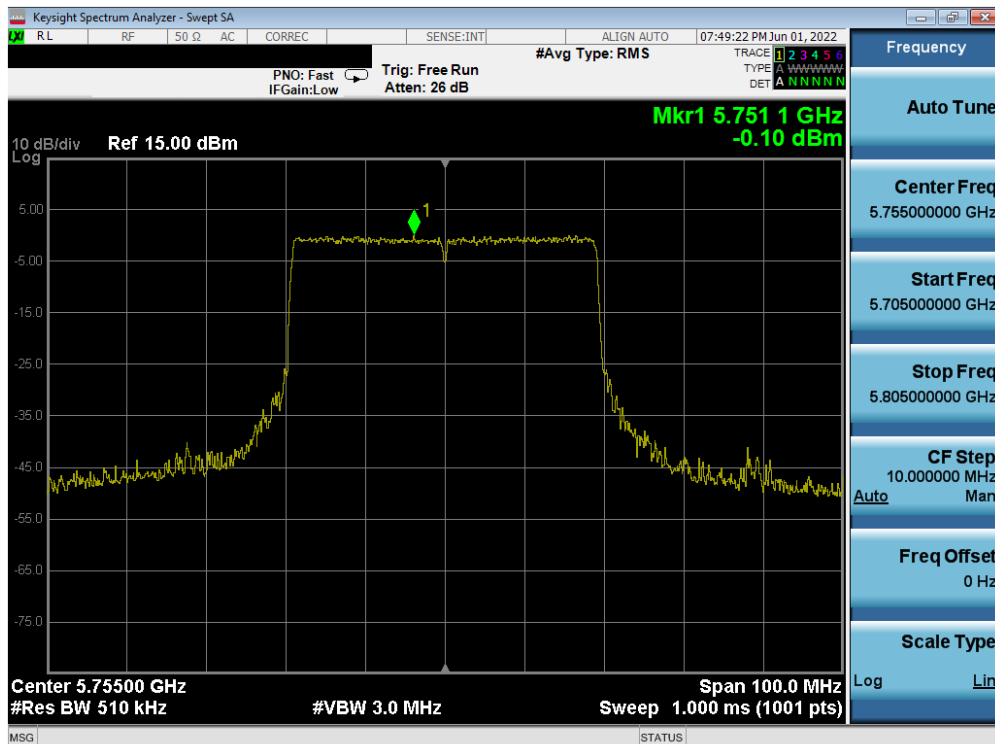


Plot 7-222. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 170 of 313

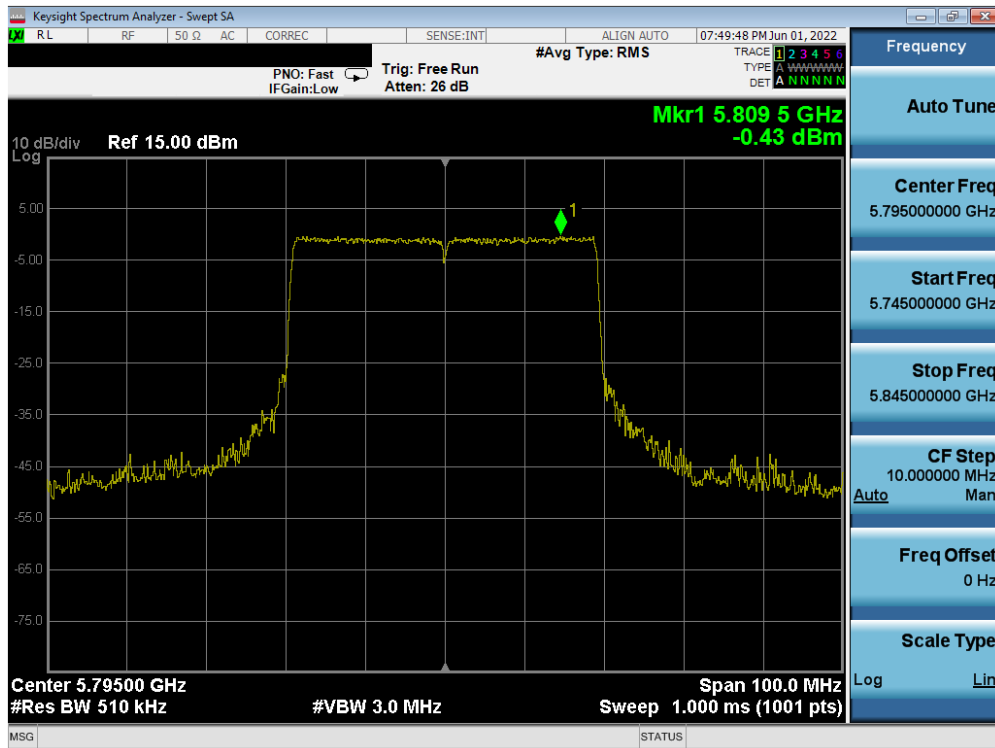


Plot 7-223. Power Spectral Density Plot SISO ANT1 (20 MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 165)

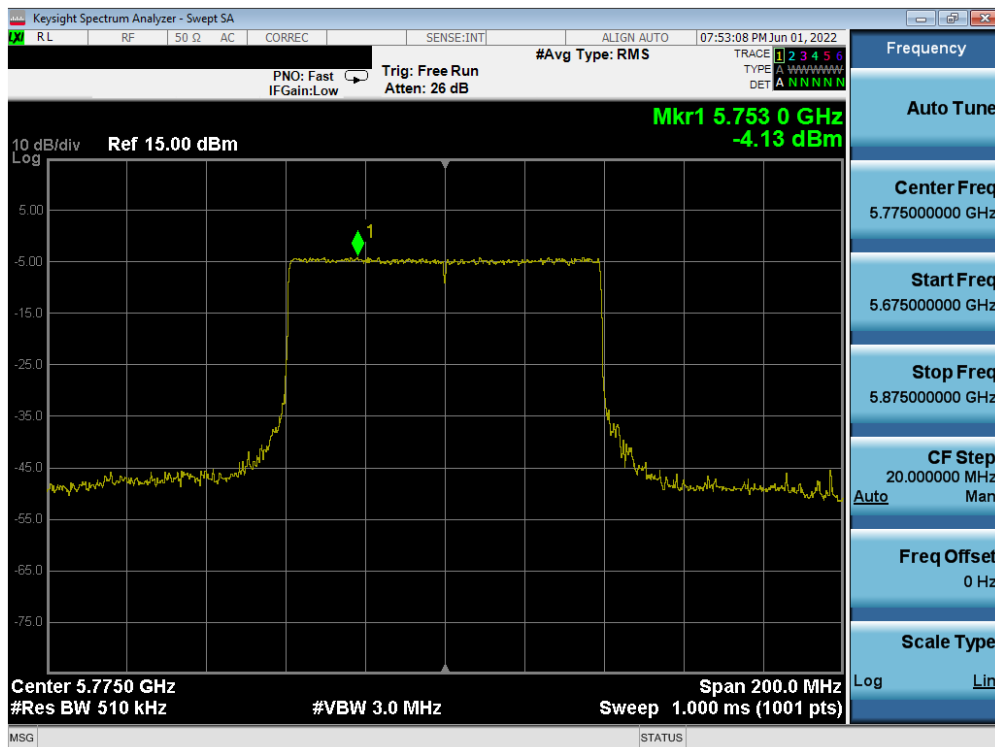


Plot 7-224. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 171 of 313



Plot 7-225. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 159)

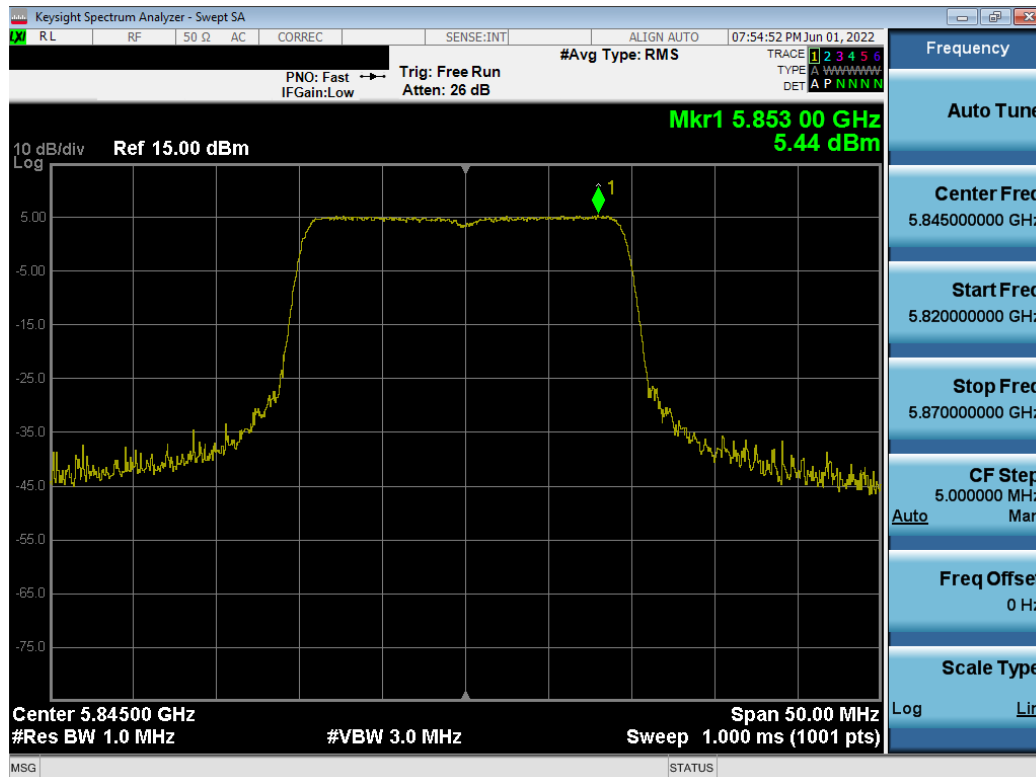


Plot 7-226. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 172 of 313

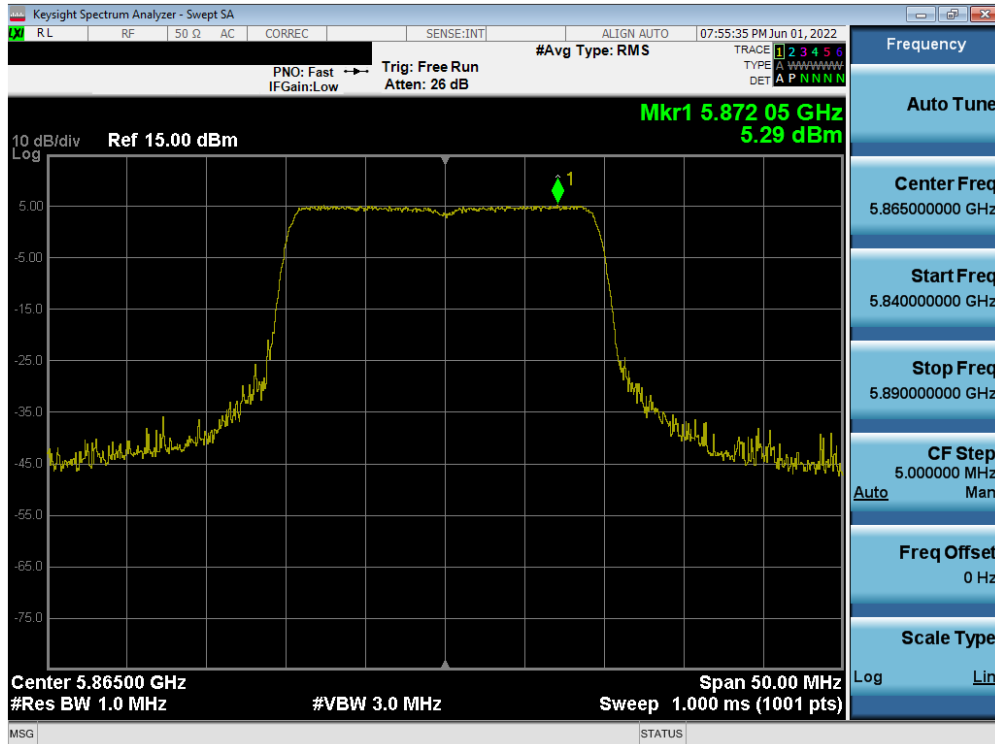
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]	Antenna Gain [dBi]	EIRP Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 3/4	5845	169	ax (20MHz)	242T	MCS0	5.44	30.00	-24.56	-5.00	0.44	14.00	-13.56
Band 4	5865	173	ax (20MHz)	242T	MCS0	5.29			-5.00	0.29	14.00	-13.71
	5885	177	ax (20MHz)	242T	MCS0	5.39			-5.00	0.39	14.00	-13.61
Band 3/4	5835	167	ax (40MHz)	484T	MCS0	1.77	30.00	-28.23	-5.00	-3.23	14.00	-17.23
Band 4	5875	175	ax (40MHz)	484T	MCS0	1.94			-5.00	-3.06	14.00	-17.06
	5855	171	ax (80MHz)	996T	MCS0	-0.87	30.00	-30.87	-5.00	-5.87	14.00	-19.87
Band 3/4	5815	163	ax (160MHz L)	996T	MCS0	0.13	30.00	-29.87	-5.00	-4.87	14.00	-18.87
	5815	163	ax (160MHz U)	996T	MCS0	0.32	30.00	-29.68	-5.00	-4.68	14.00	-18.68

Table 7-85. Band 4 Conducted Power Spectral Density Measurements SISO ANT1 (Full Tones)

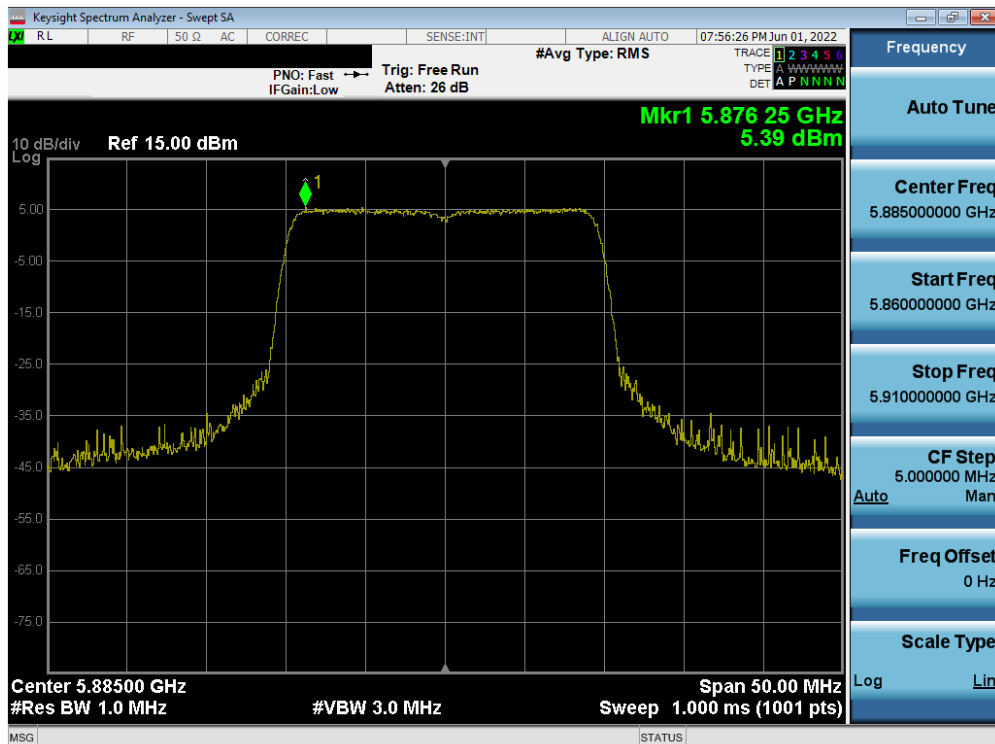


Plot 7-227. Power Spectral Density Plot SISO ANT1(20MHz BW 802.11ax – Full Tones (UNII Band 3/4) – Ch. 169)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 173 of 313

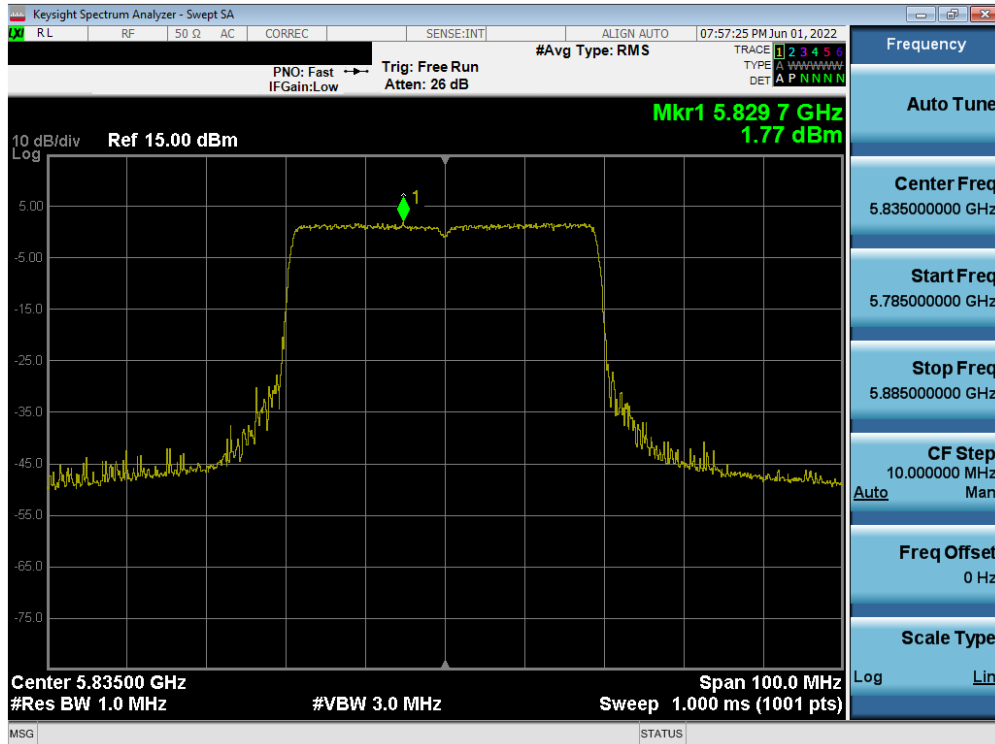


Plot 7-228. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 4) – Ch. 173)

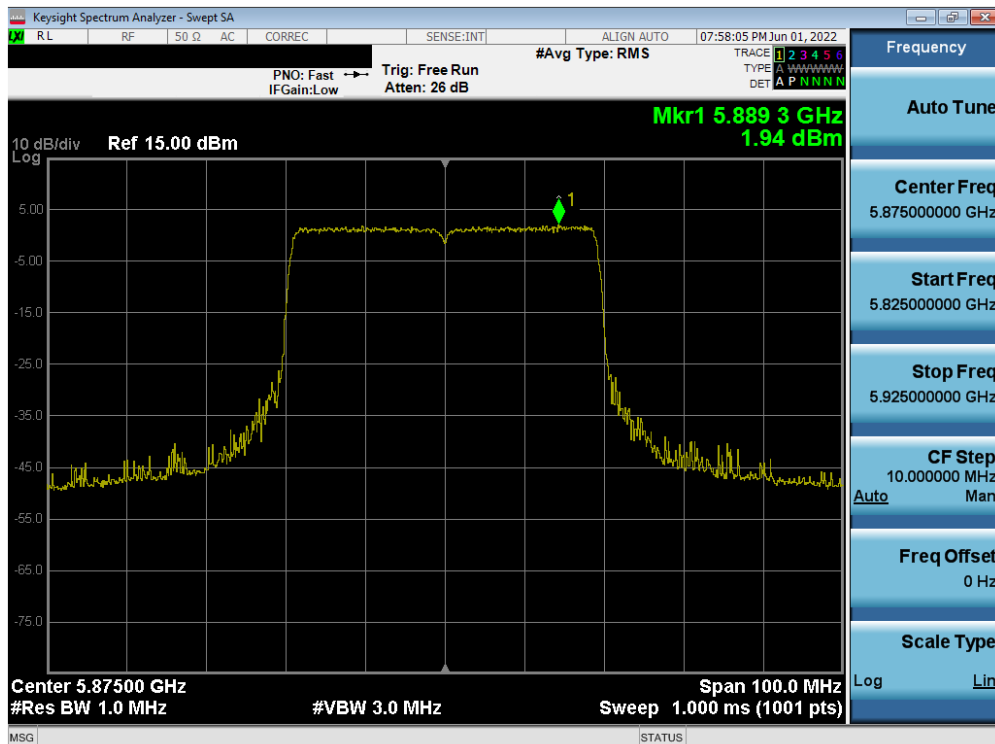


Plot 7-229. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax – Full Tones (UNII Band 4) – Ch. 177)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 174 of 313

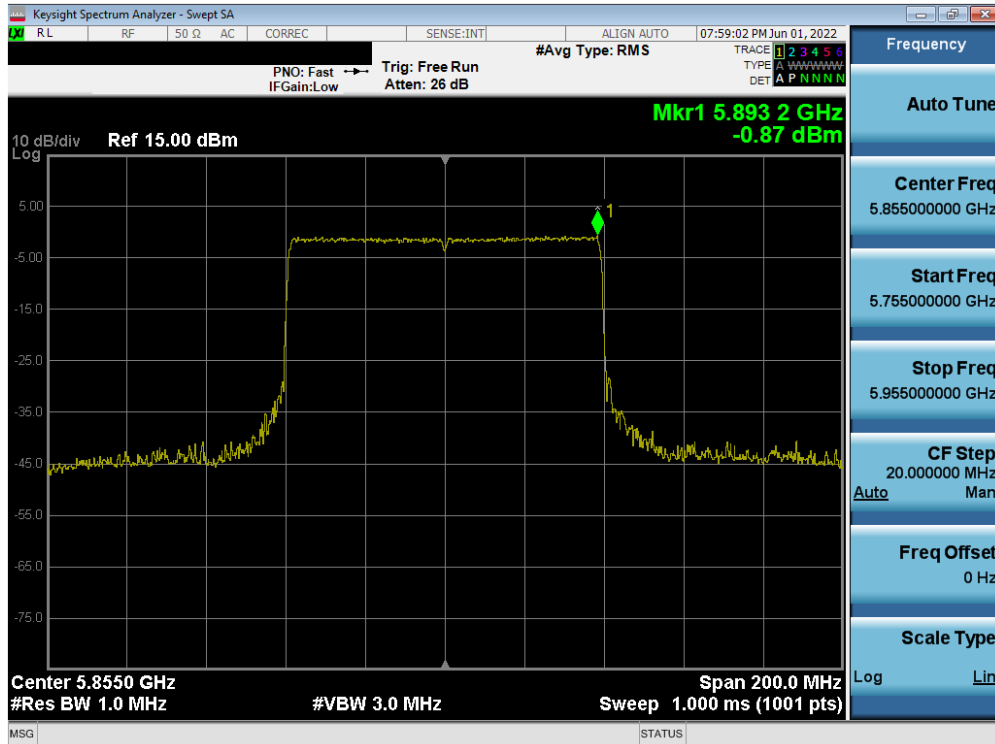


Plot 7-230. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 3/4) – Ch. 167)

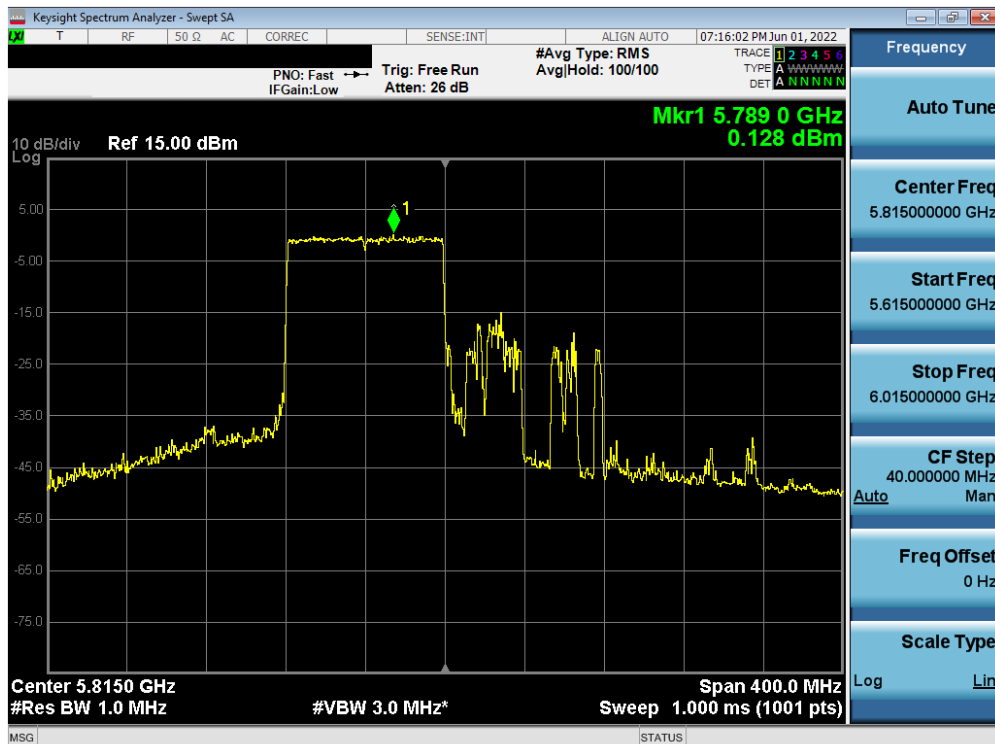


Plot 7-231. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax – Full Tones (UNII Band 4) – Ch. 175)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 175 of 313

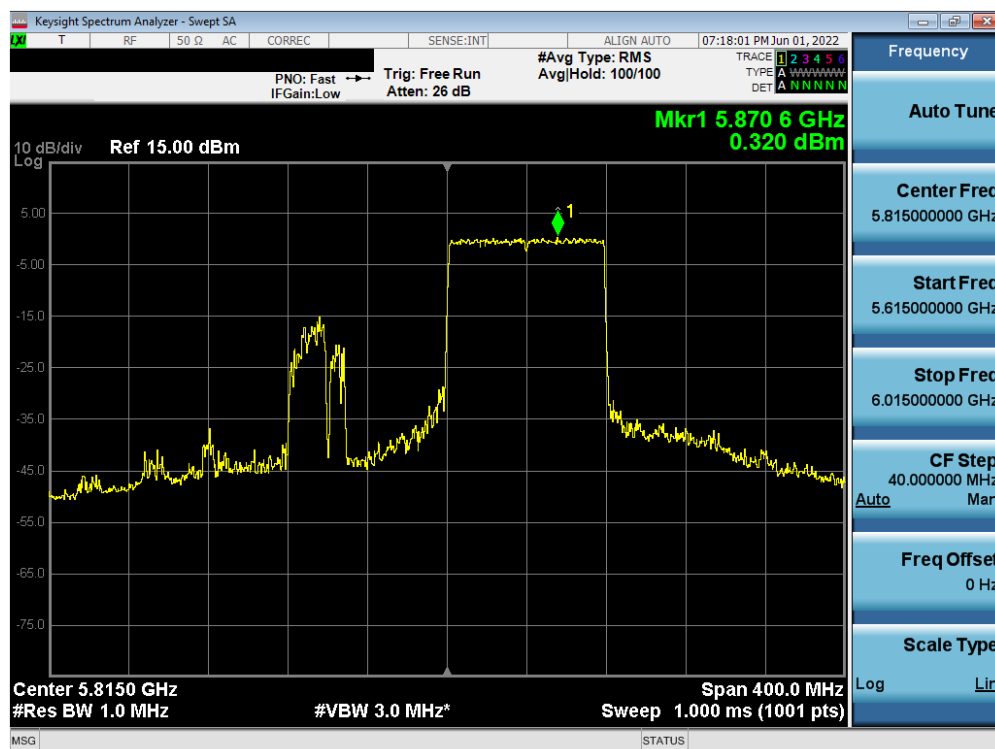


Plot 7-232. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax – Full Tones (UNII Band 3/4) – Ch. 171)



Plot 7-233. Power Spectral Density Plot SISO ANT1 (160MHz BW (L) 802.11ax – Full Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 176 of 313



Plot 7-234. Power Spectral Density Plot SISO ANT1 (160MHz BW (U) 802.11ax – Full Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 177 of 313

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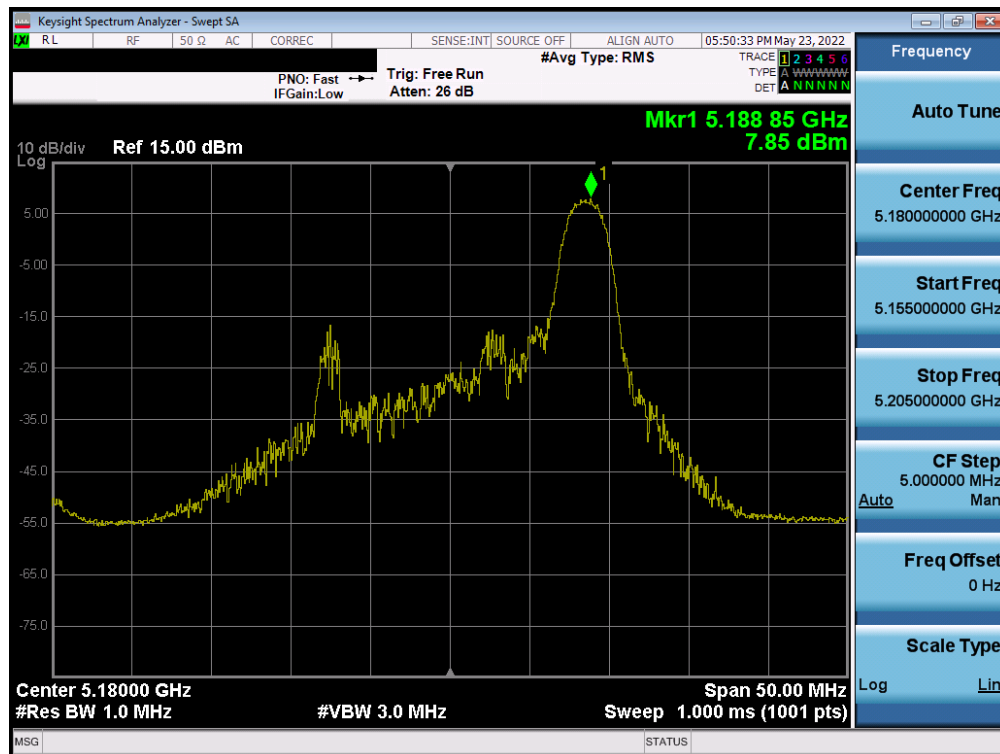
Antenna-2 Power Spectral Density Measurements (26 Tones)

	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	7.85	11.0	-3.15
	5200	40	ax (20MHz)	26T	MCS0	7.22	11.0	-3.78
	5240	48	ax (20MHz)	26T	MCS0	7.54	11.0	-3.46
	5190	38	ax (40MHz)	26T	MCS0	7.87	11.0	-3.13
	5230	46	ax (40MHz)	26T	MCS0	7.49	11.0	-3.51
	5210	42	ax (80MHz)	26T	MCS0	7.25	11.0	-3.75
Band 1/2A	5250	50	ax (160MHz L)	26T	MCS0	6.50	11.0	-4.50
	5250	50	ax (160MHz U)	26T	MCS0	7.70	11.0	-3.30
Band 2A	5260	52	ax (20MHz)	26T	MCS0	7.32	11.0	-3.68
	5280	56	ax (20MHz)	26T	MCS0	7.86	11.0	-3.14
	5320	64	ax (20MHz)	26T	MCS0	7.54	11.0	-3.46
	5270	54	ax (40MHz)	26T	MCS0	7.86	11.0	-3.15
	5310	62	ax (40MHz)	26T	MCS0	7.93	11.0	-3.07
	5290	58	ax (80MHz)	26T	MCS0	6.70	11.0	-4.30
Band 2C	5500	100	ax (20MHz)	26T	MCS0	7.76	11.0	-3.24
	5600	120	ax (20MHz)	26T	MCS0	7.89	11.0	-3.12
	5720	144	ax (20MHz)	26T	MCS0	7.88	11.0	-3.13
	5510	102	ax (40MHz)	26T	MCS0	7.71	11.0	-3.29
	5590	118	ax (40MHz)	26T	MCS0	7.96	11.0	-3.04
	5710	142	ax (40MHz)	26T	MCS0	7.97	11.0	-3.03
	5530	106	ax (80MHz)	26T	MCS0	6.98	11.0	-4.02
	5610	122	ax (80MHz)	26T	MCS0	7.16	11.0	-3.84
	5690	138	ax (80MHz)	26T	MCS0	7.74	11.0	-3.26
	5570	114	ax (160MHz L)	26T	MCS0	7.94	11.0	-3.06
	5570	114	ax (160MHz U)	26T	MCS0	7.43	11.0	-3.57

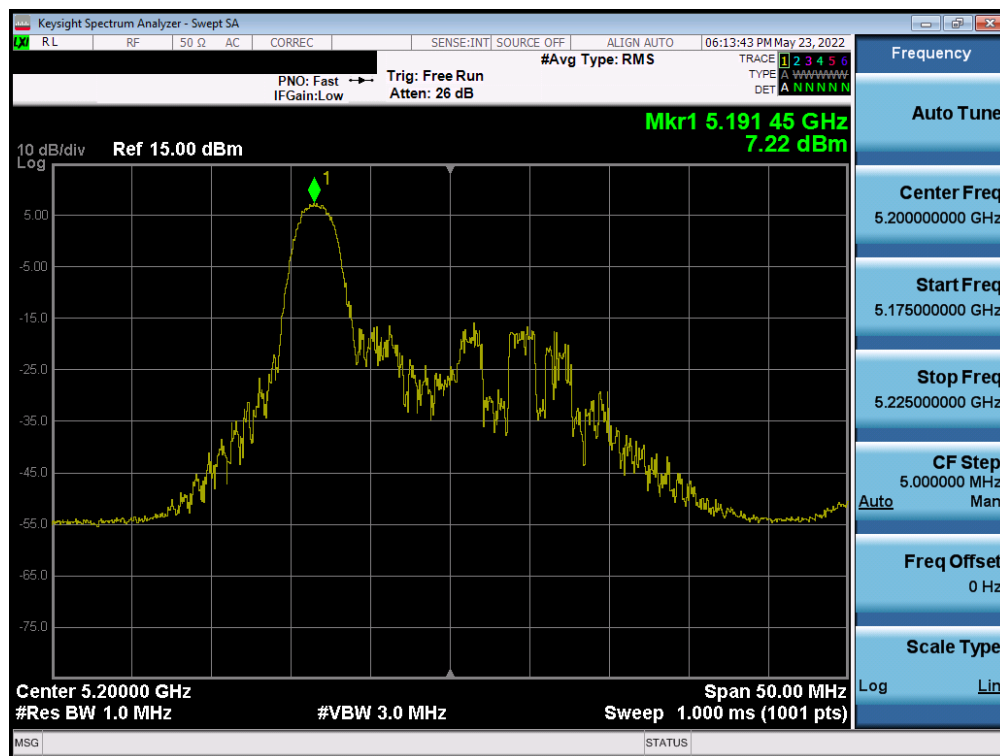
Table 7-86. Conducted Power Spectral Density Measurements ANT2 (26 Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 178 of 313

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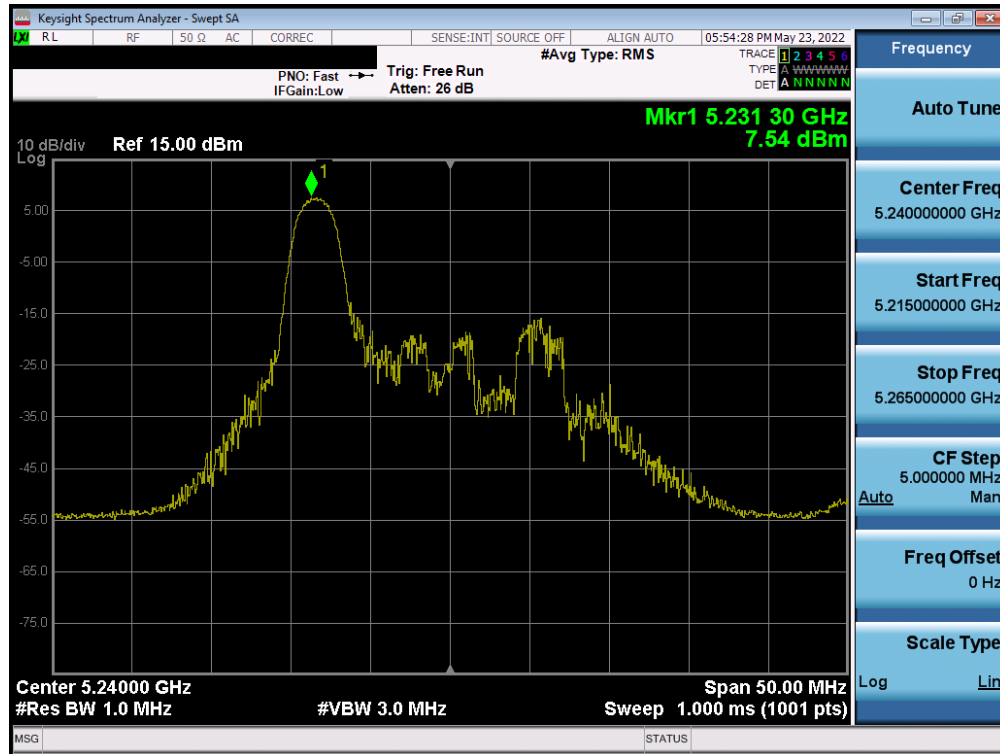


Plot 7-235. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 36)

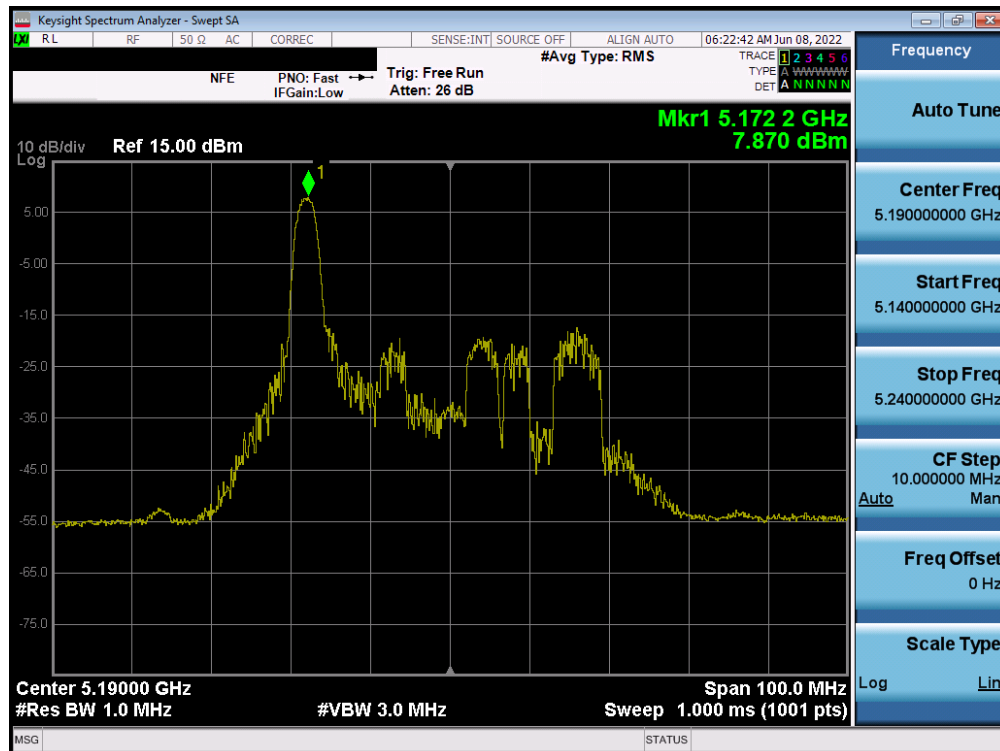


Plot 7-236. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 179 of 313

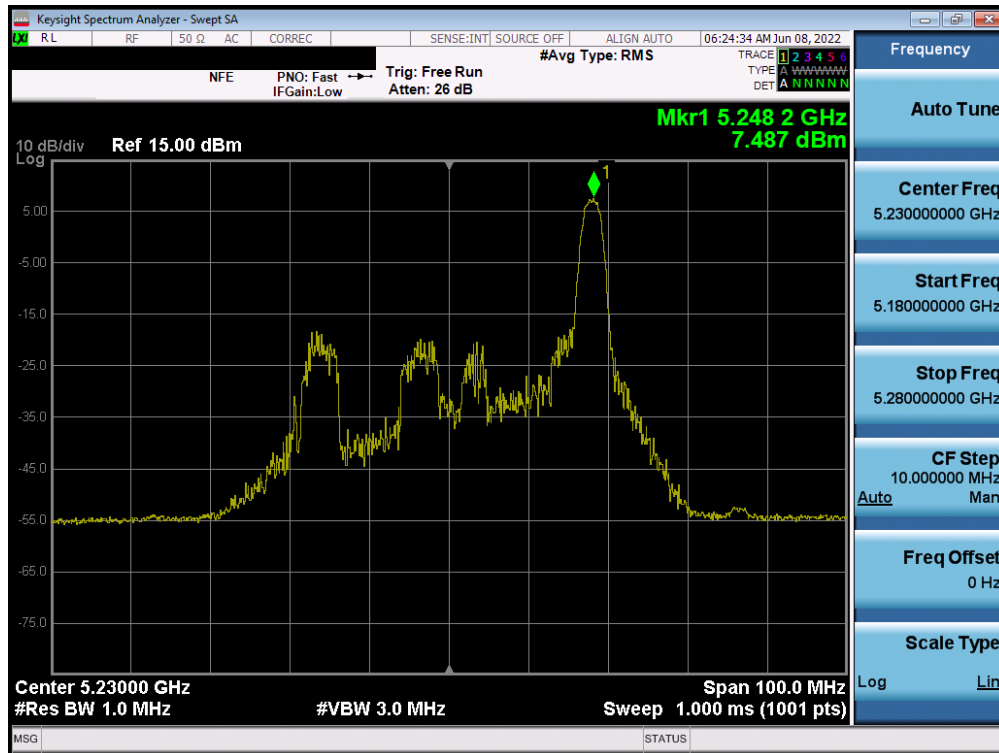


Plot 7-237. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 48)

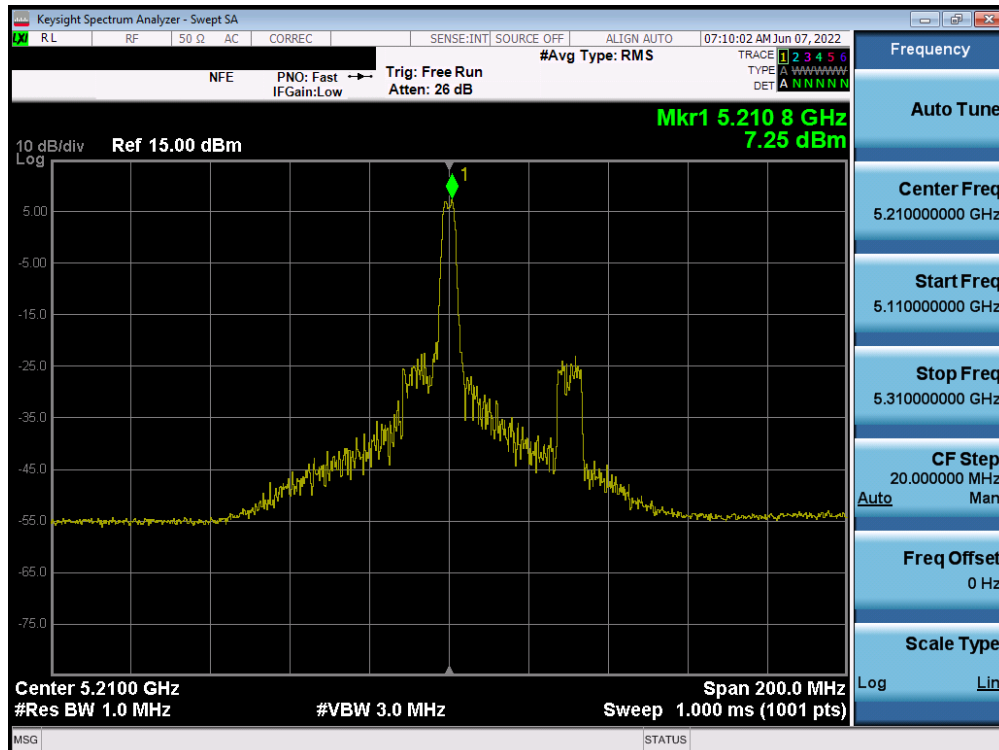


Plot 7-238. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 180 of 313

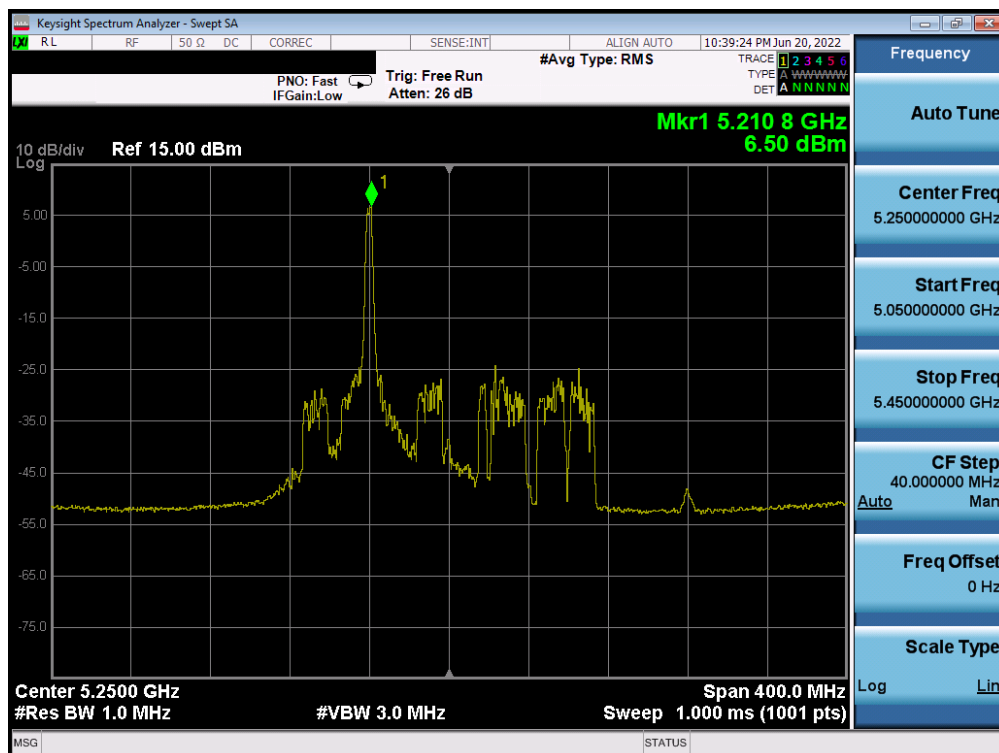


Plot 7-239. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 46)

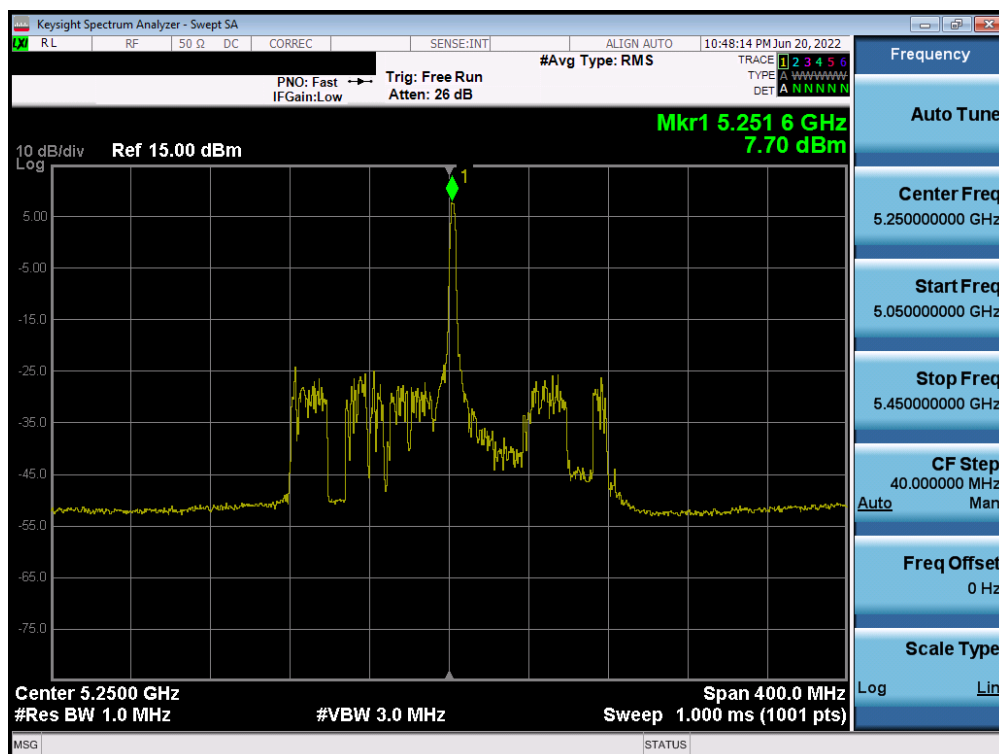


Plot 7-240. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 181 of 313

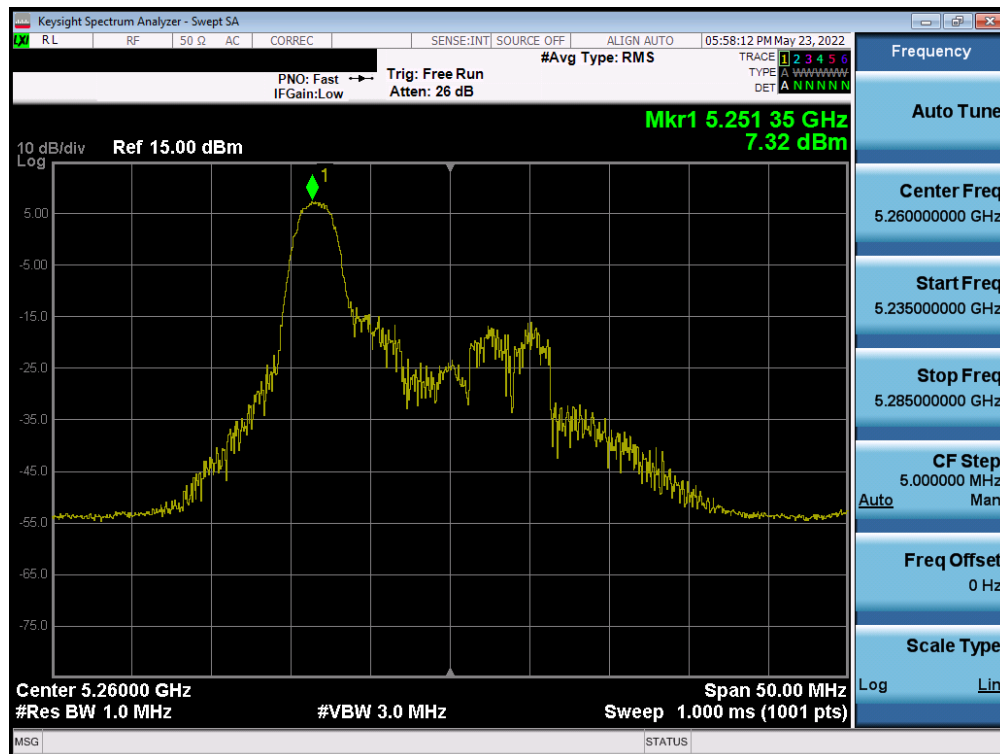


Plot 7-241. Power Spectral Density Plot ANT2 (160MHz L BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

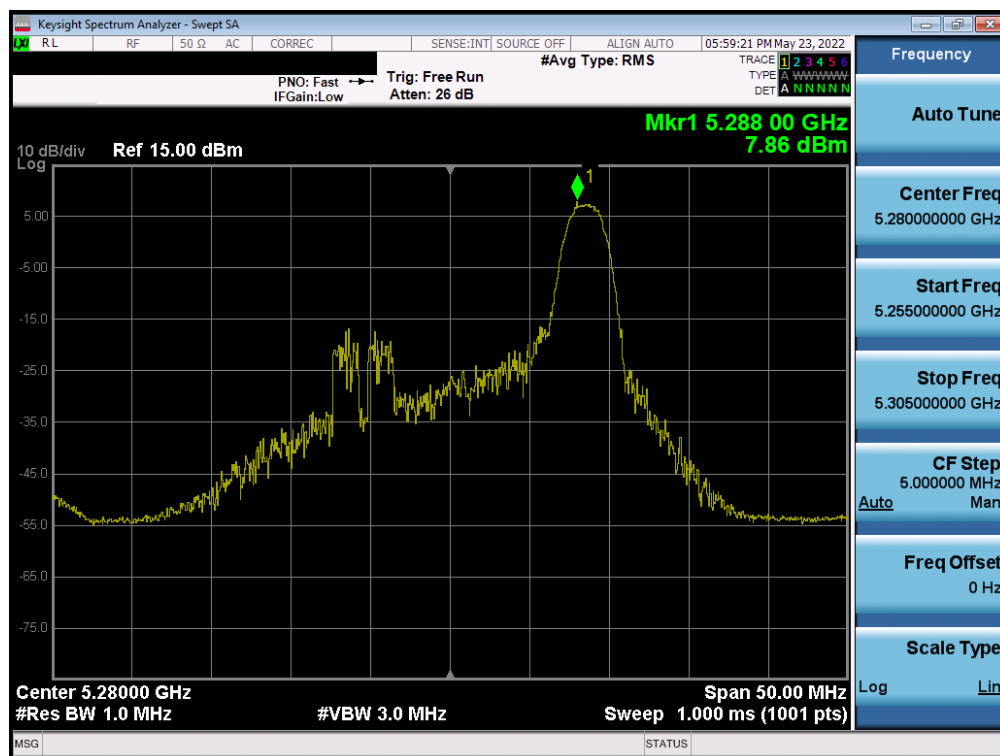


Plot 7-242. Power Spectral Density Plot ANT2 (160MHz U BW 802.11ax – 26 Tones (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 182 of 313

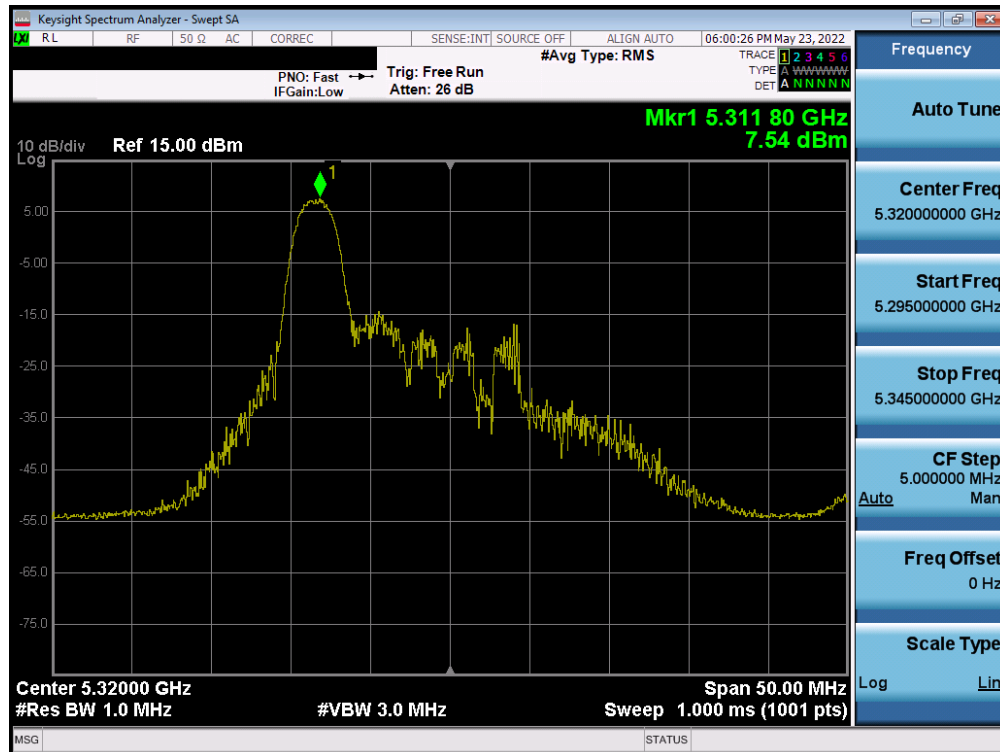


Plot 7-243. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 52)

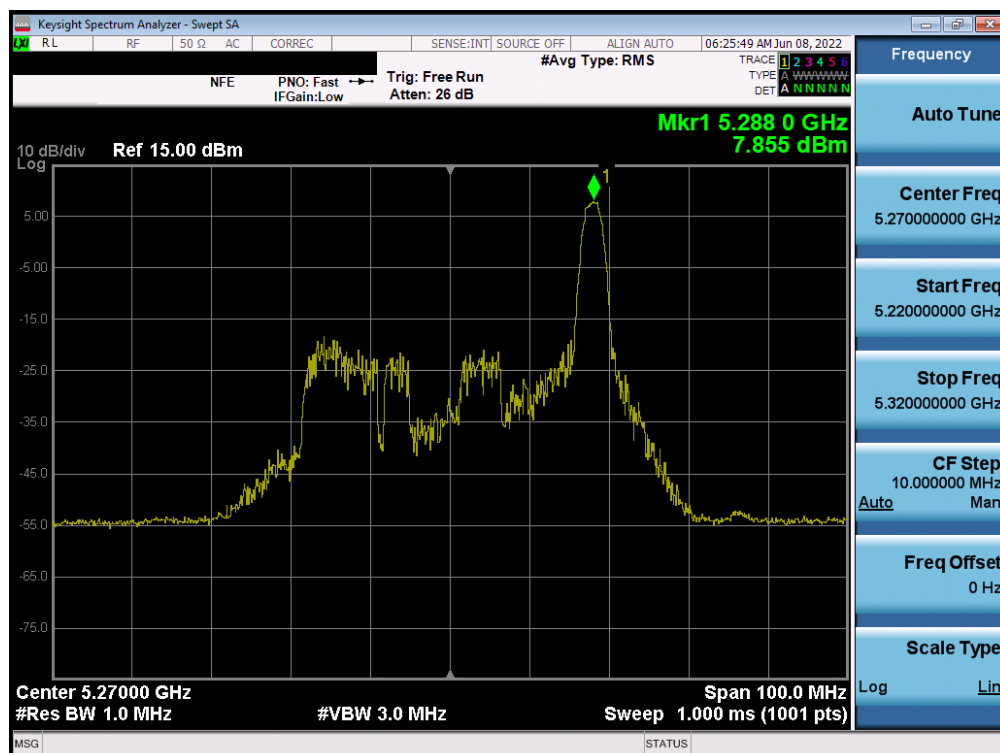


Plot 7-244. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 183 of 313

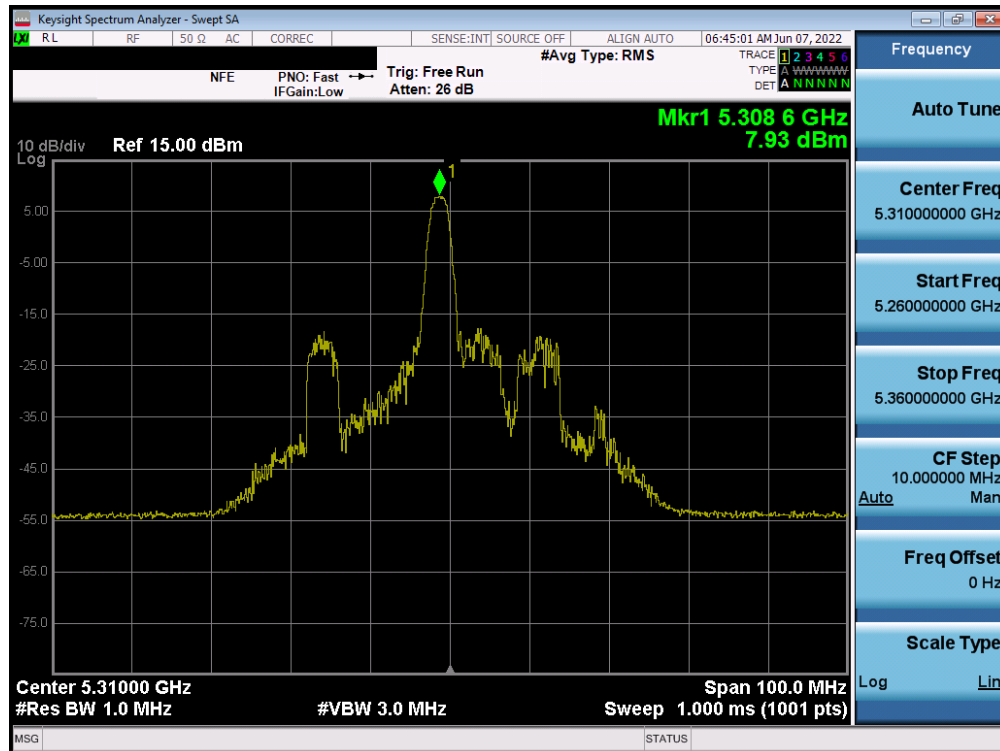


Plot 7-245. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 64)

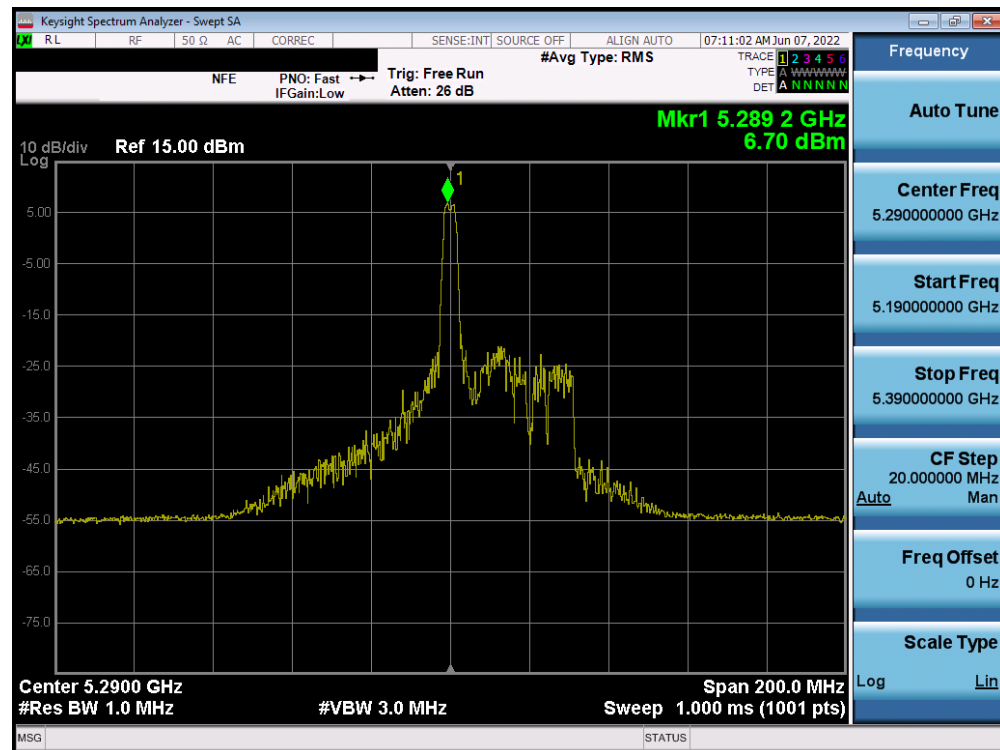


Plot 7-246. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 184 of 313

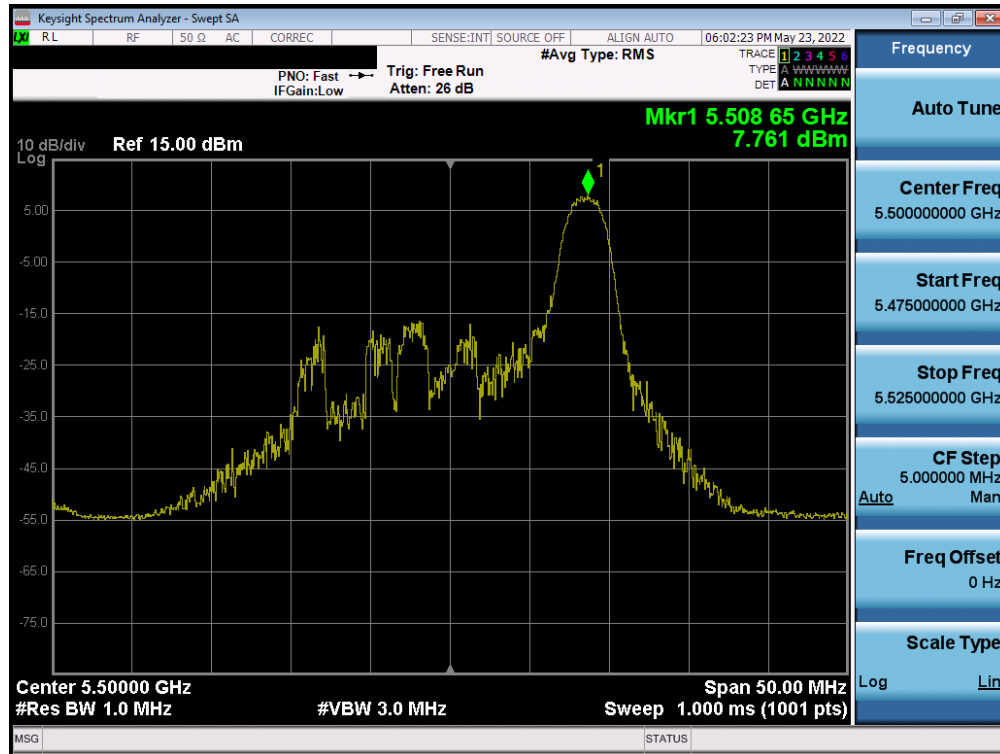


Plot 7-247. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 62)

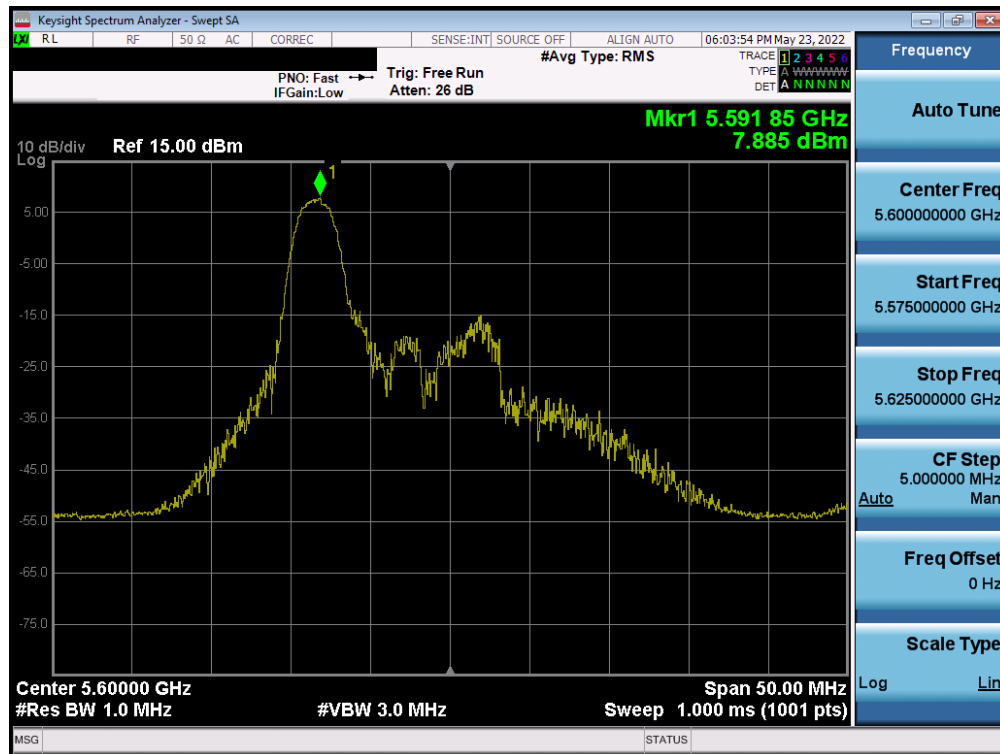


Plot 7-248. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 185 of 313

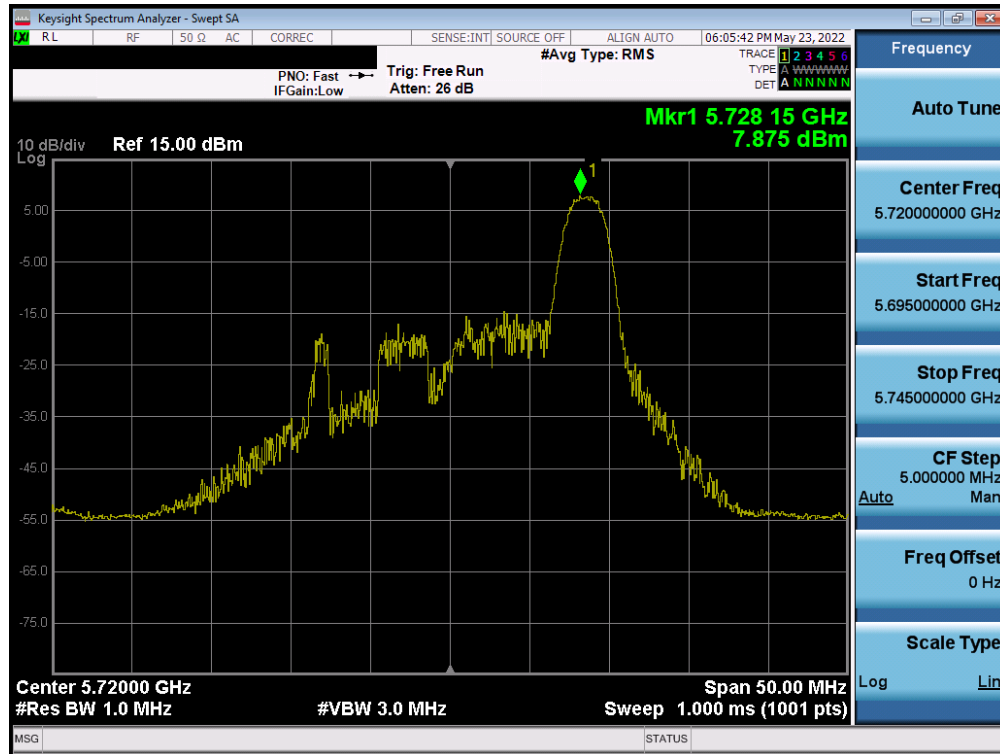


Plot 7-249. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 100)

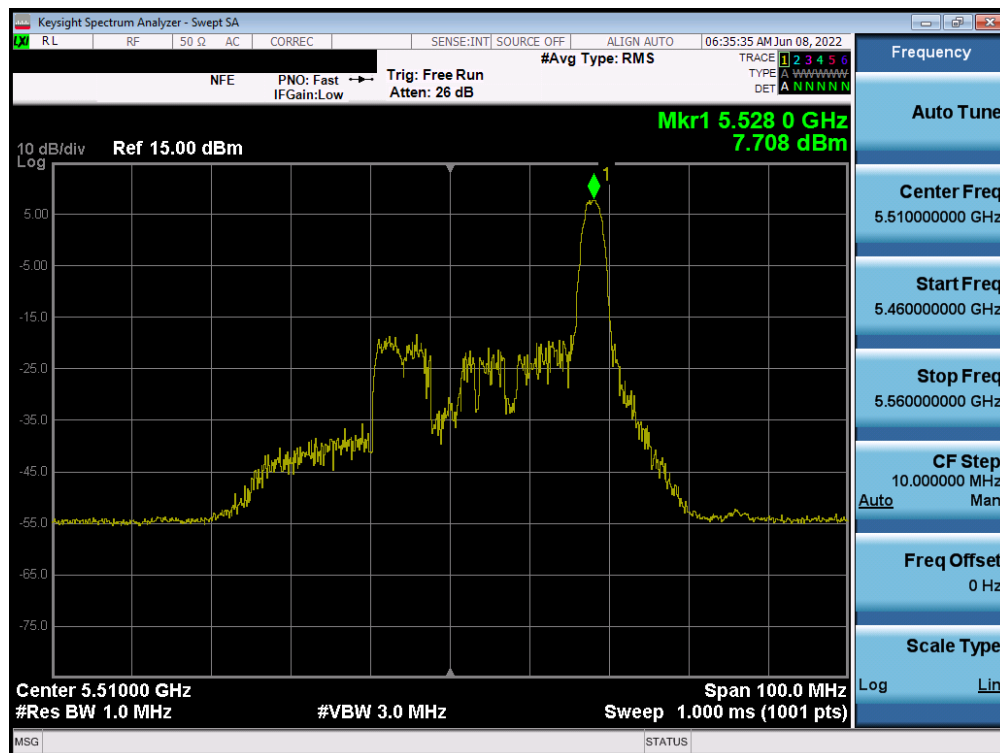


Plot 7-250. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 186 of 313

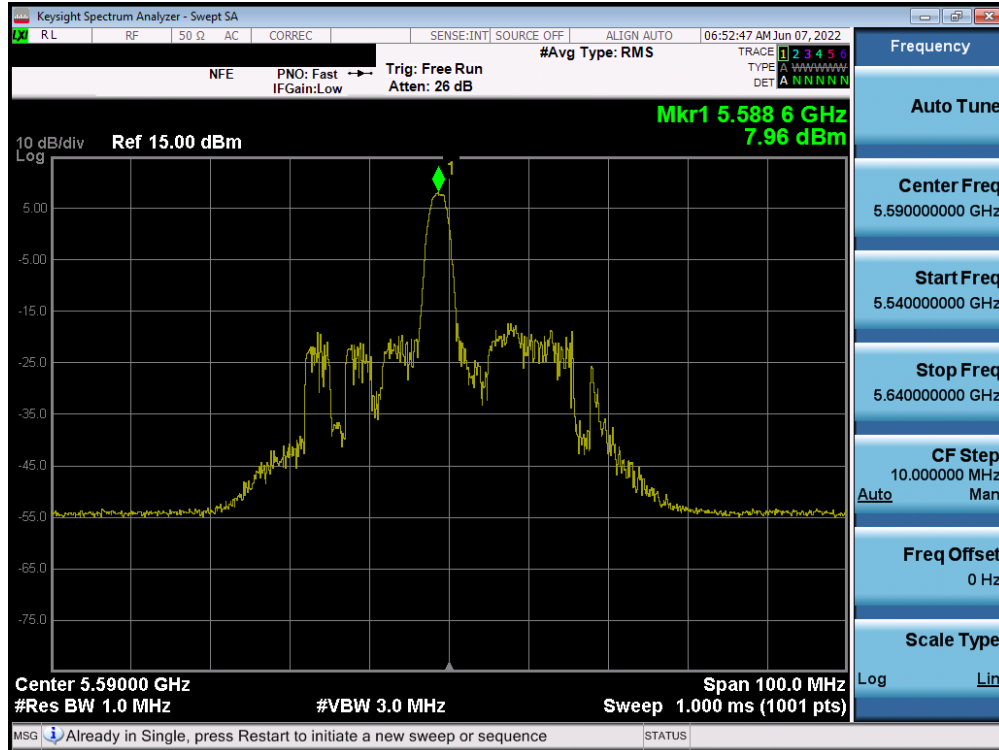


Plot 7-251. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 144)

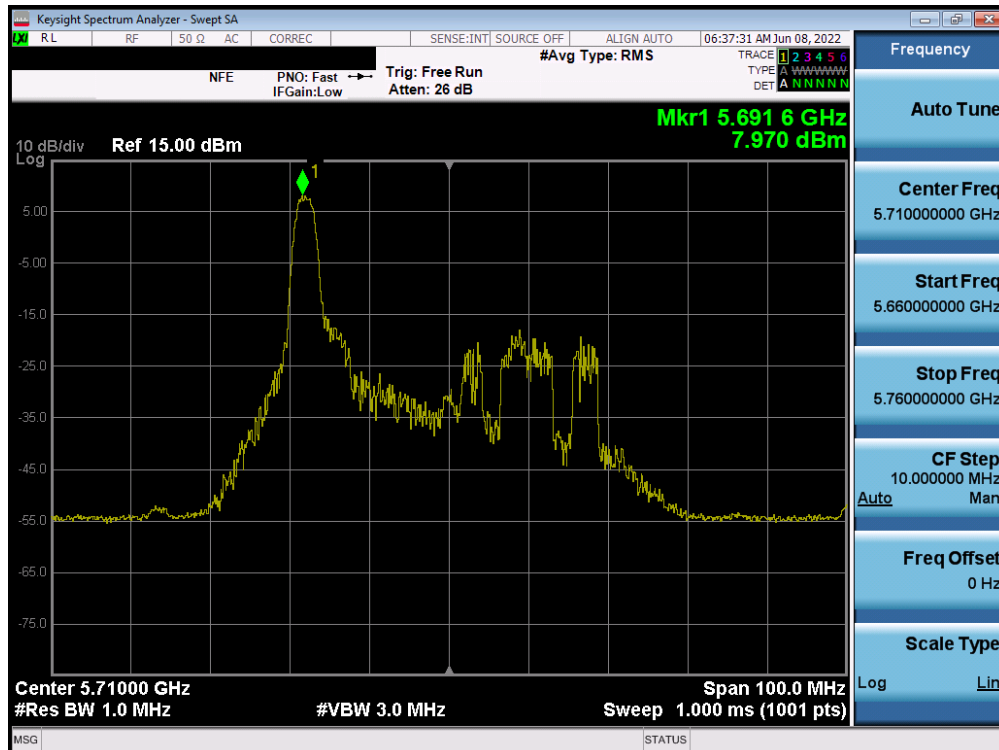


Plot 7-252. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 187 of 313

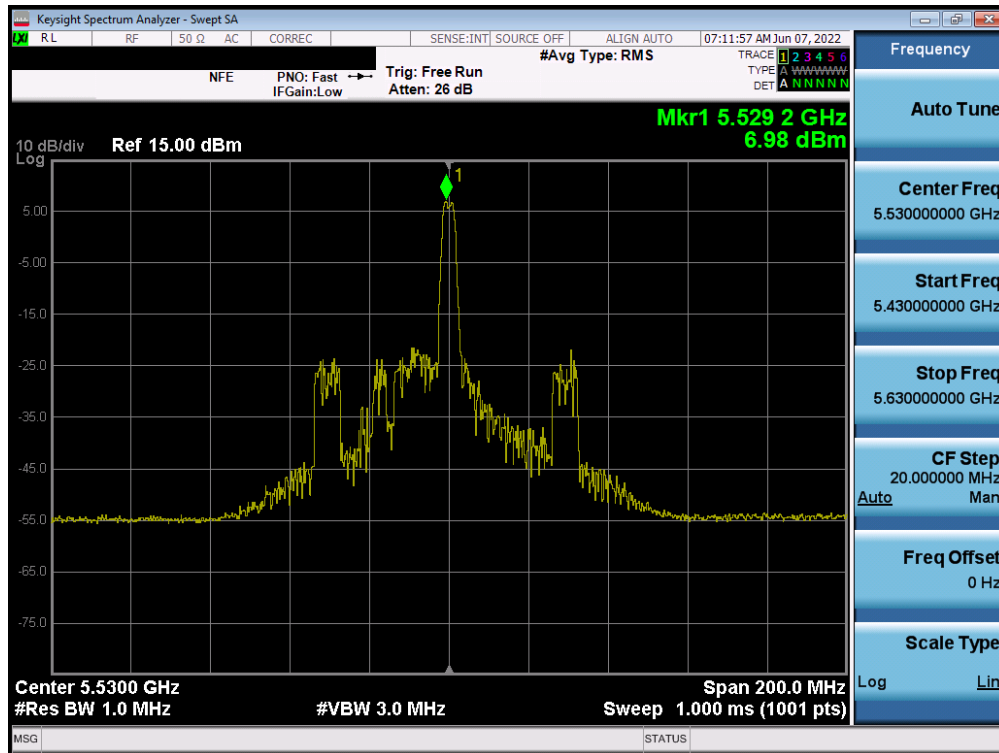


Plot 7-253. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 118)

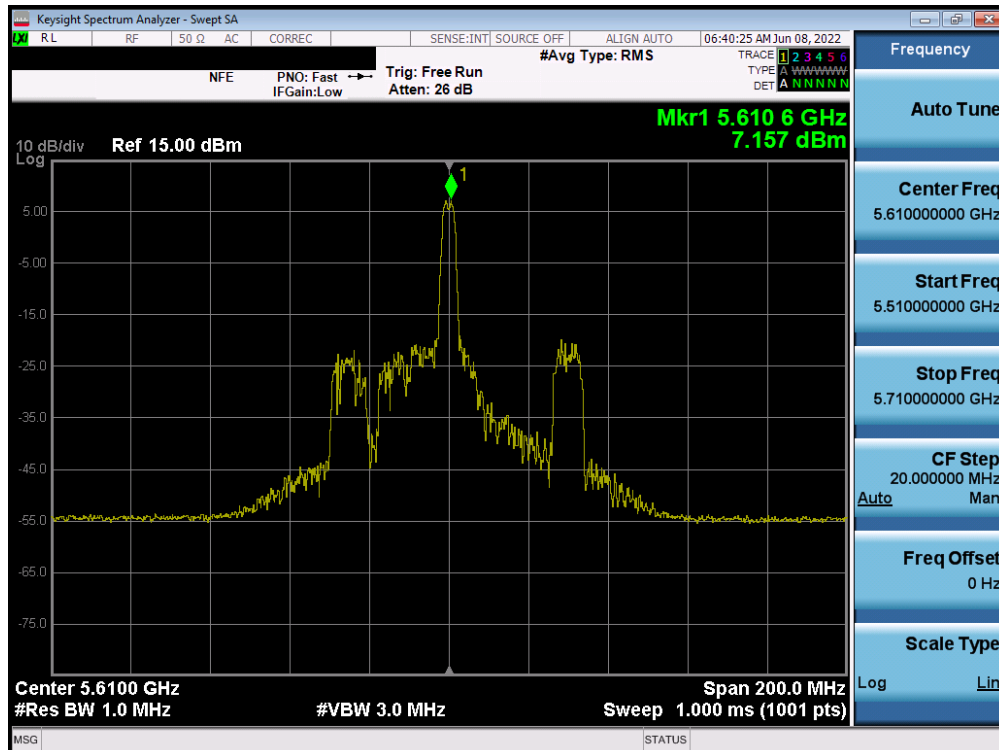


Plot 7-254. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 188 of 313

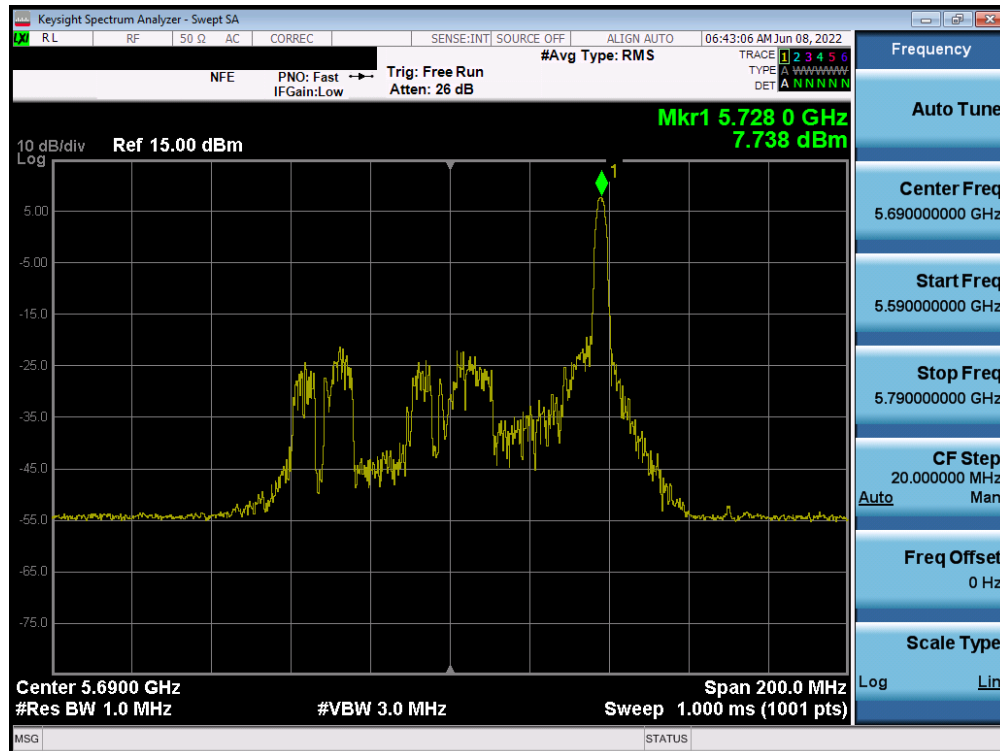


Plot 7-255. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 106)

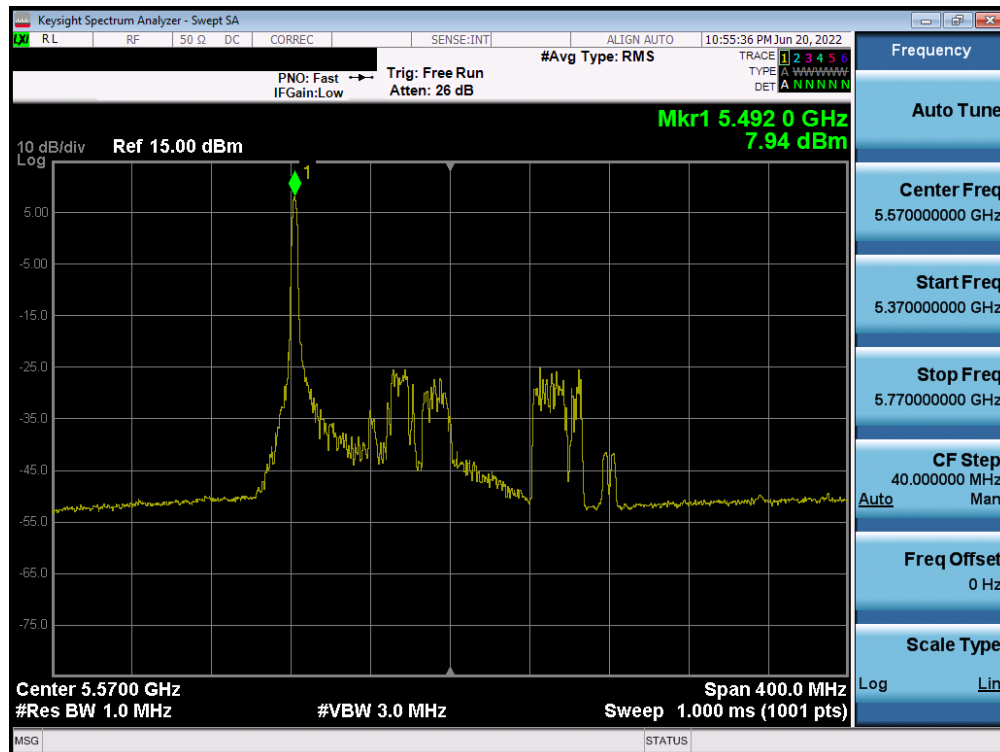


Plot 7-256. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 122)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 189 of 313

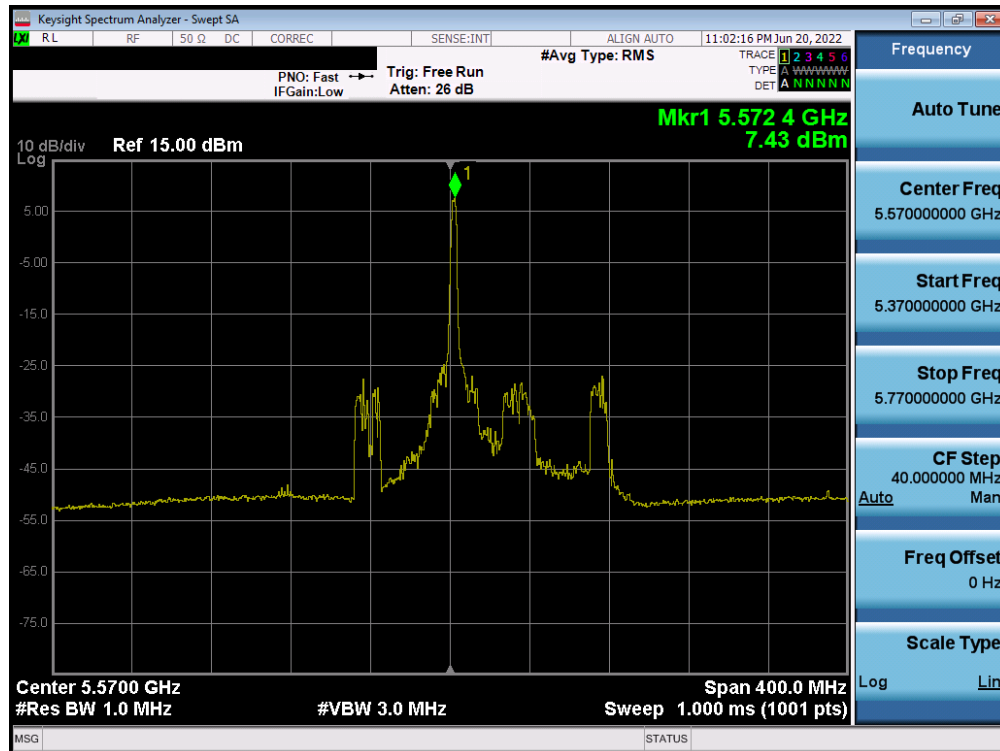


Plot 7-257. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 138)



Plot 7-258. Power Spectral Density Plot ANT2 (160MHz L BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 114)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 190 of 313



Plot 7-259. Power Spectral Density Plot ANT2 (160MHz U BW 802.11ax – 26 Tones (UNII Band 2C) – Ch. 114)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 191 of 313

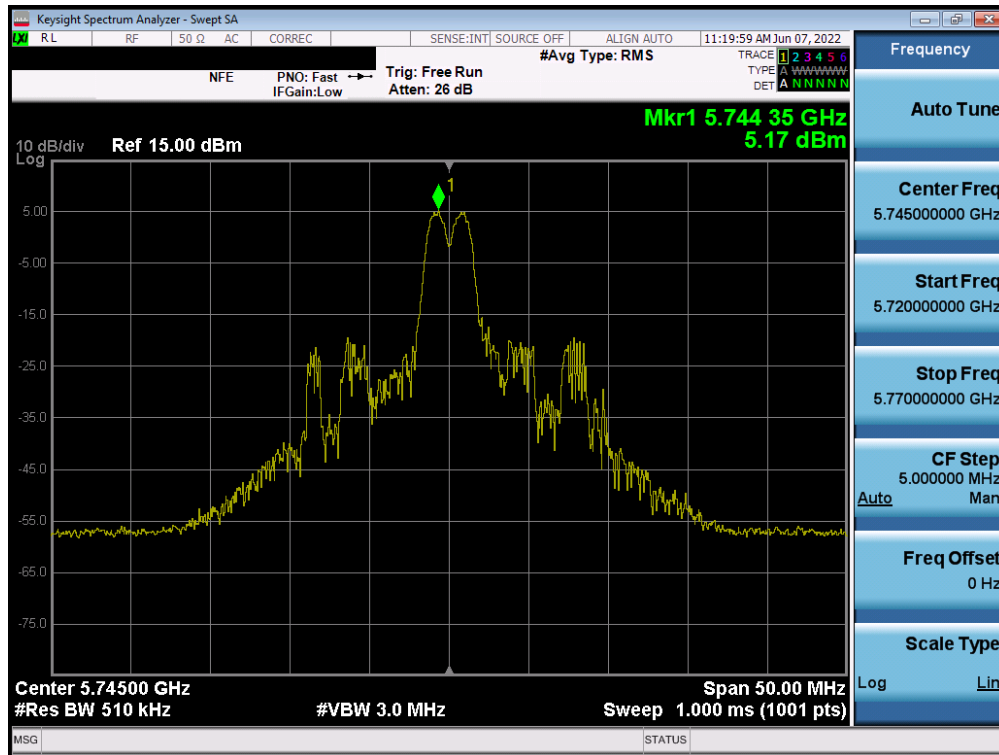
V 9.0 02/01/2019

	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	5.17	30.00	-24.83
	5785	157	ax (20MHz)	26T	MCS0	5.26	30.00	-24.74
	5825	165	ax (20MHz)	26T	MCS0	5.19	30.00	-24.81
	5755	151	ax (40MHz)	26T	MCS0	5.41	30.00	-24.59
	5795	159	ax (40MHz)	26T	MCS0	5.35	30.00	-24.65
	5775	155	ax (80MHz)	26T	MCS0	5.39	30.00	-24.61

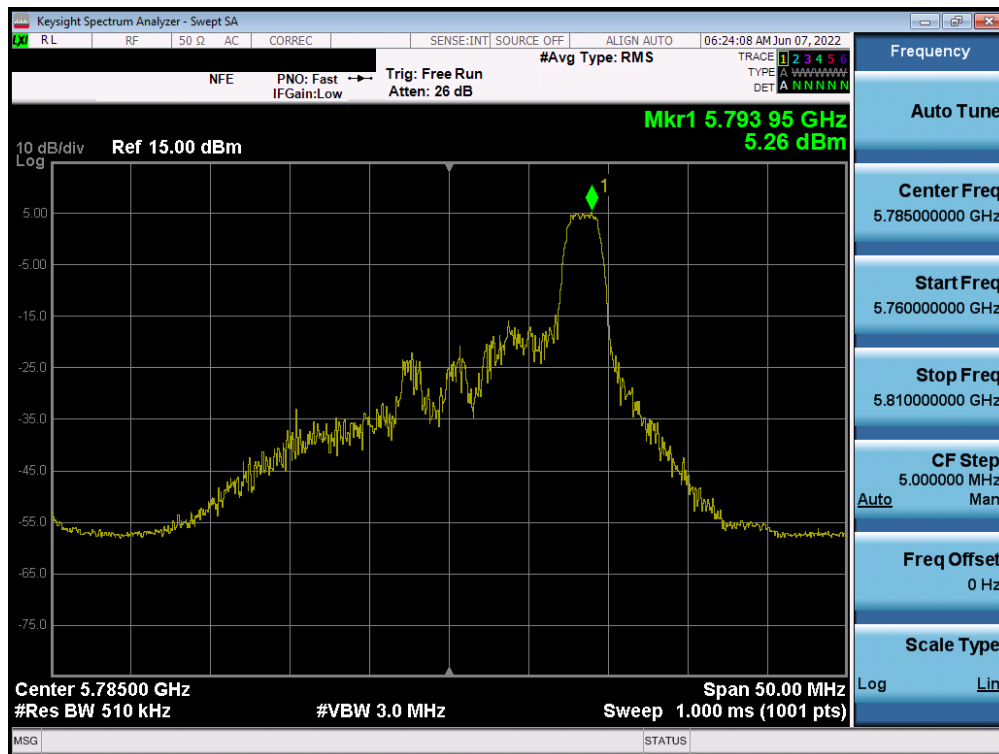
Table 7-87. Band 3 Conducted Power Spectral Density Measurements ANT2 (26 Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 192 of 313

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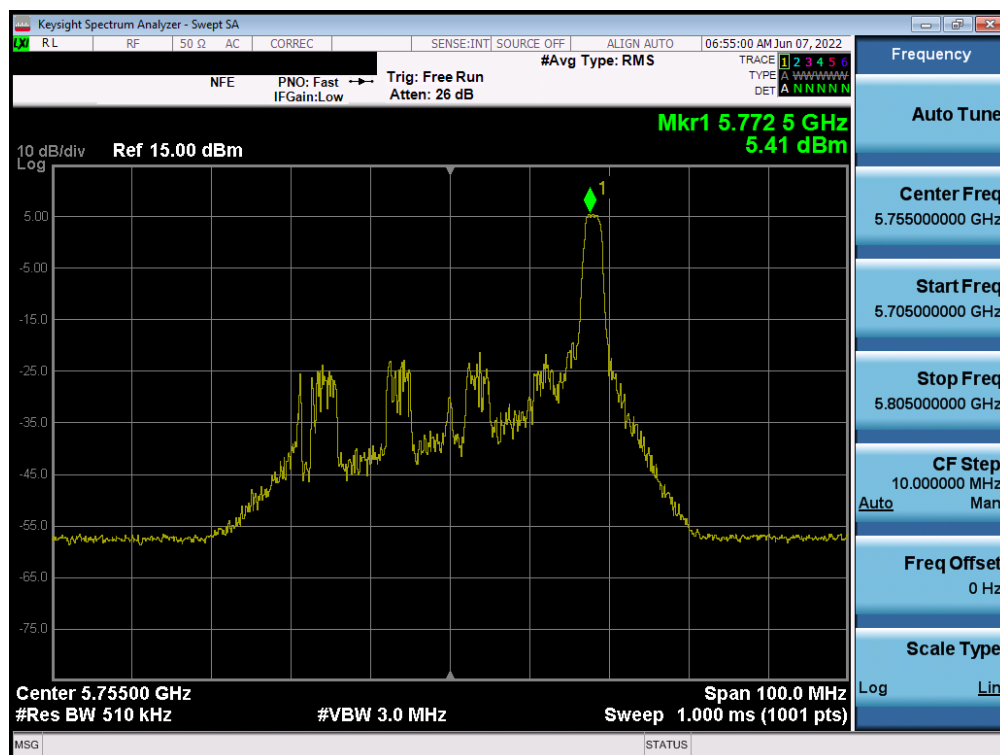
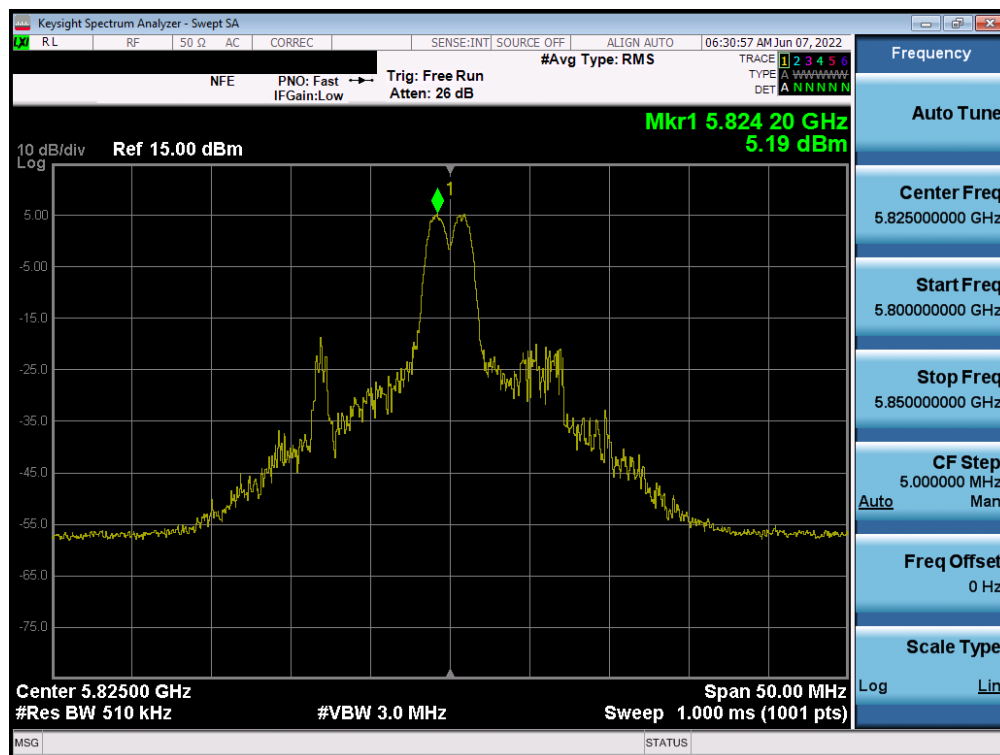


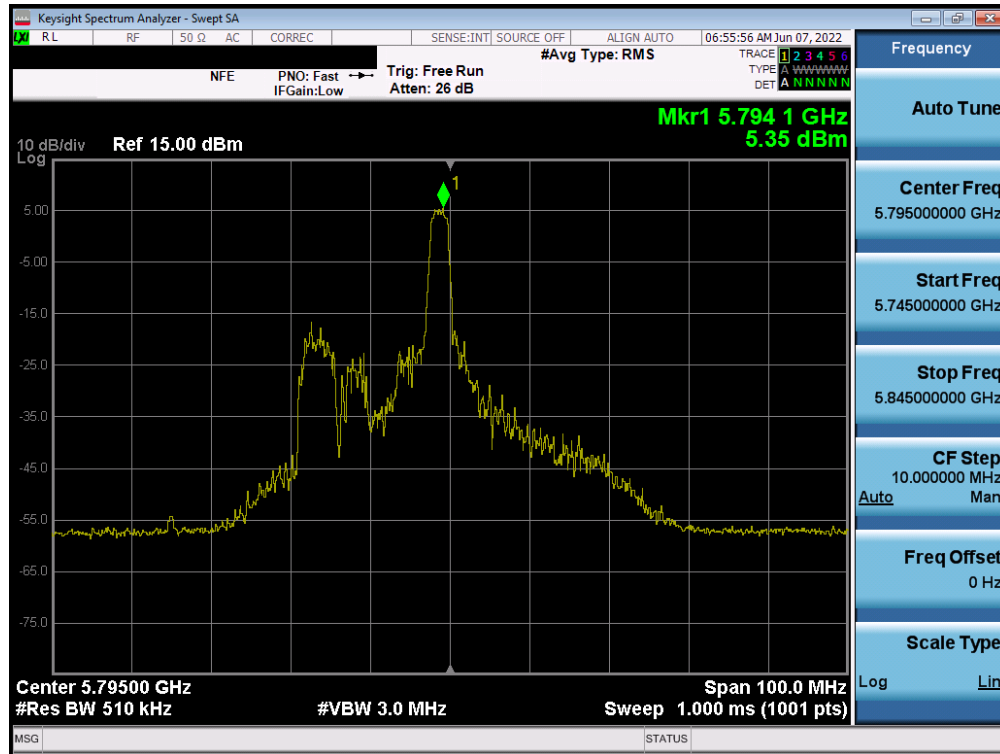
Plot 7-260. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 149)



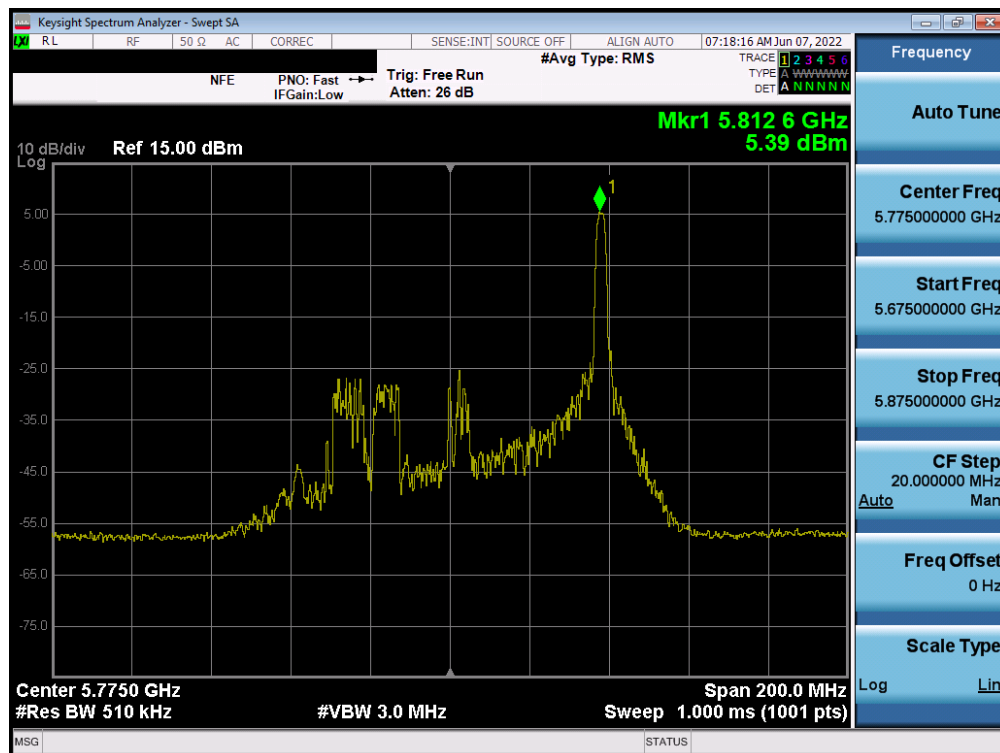
Plot 7-261. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 193 of 313





Plot 7-264. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 159)



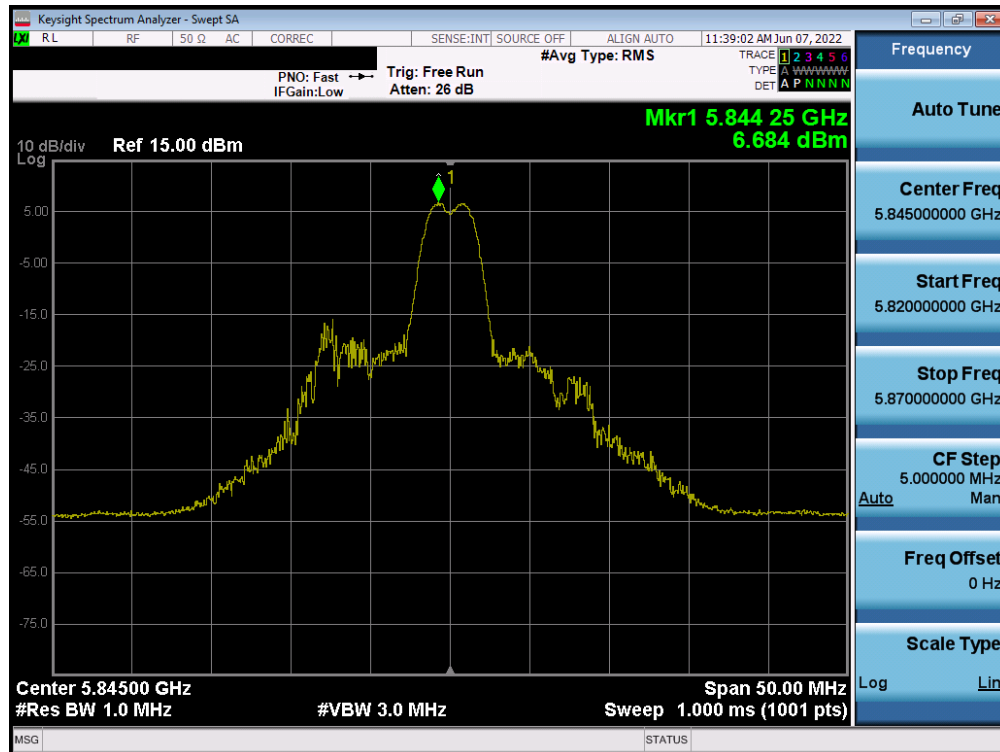
Plot 7-265. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 195 of 313

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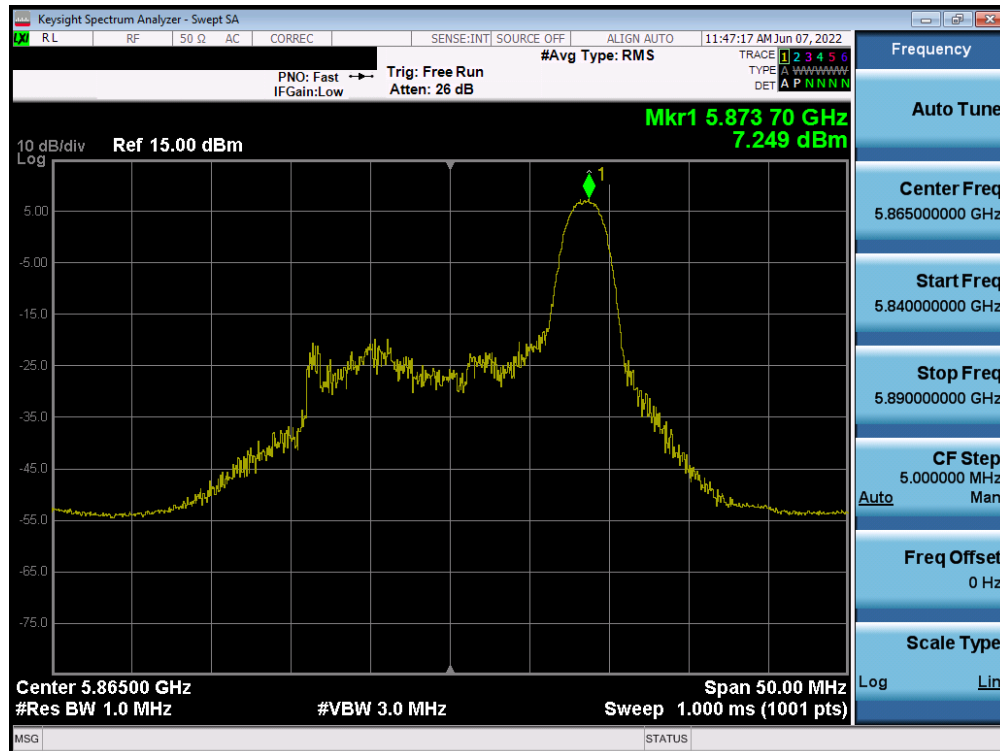
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]	Antenna Gain [dBi]	EIRP Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 3/4	5845	169	ax (20MHz)	26T	MCS0	6.68	30.00	-23.32	-6.00	0.68	14.00	-13.32
Band 4	5865	173	ax (20MHz)	26T	MCS0	7.25			-6.00	1.25	14.00	-12.75
	5885	177	ax (20MHz)	26T	MCS0	6.29			-6.00	0.29	14.00	-13.71
Band 3/4	5835	167	ax (40MHz)	26T	MCS0	7.12	30.00	-22.89	-6.00	1.12	14.00	-12.89
Band 4	5875	175	ax (40MHz)	26T	MCS0	6.92			-6.00	0.92	14.00	-13.08
	5855	171	ax (80MHz)	26T	MCS0	7.08	30.00	-22.92	-6.00	1.08	14.00	-12.92
Band 3/4	5815	163	ax (160MHz L)	26T	MCS0	7.82	30.00	-22.18	-6.00	1.78	14.00	-12.22
	5815	163	ax (160MHz U)	26T	MCS0	7.82	30.00	-22.18	-6.00	1.82	14.00	-12.18

Table 7-88. Band 4 Conducted Power Spectral Density Measurements ANT2 (26 Tones)

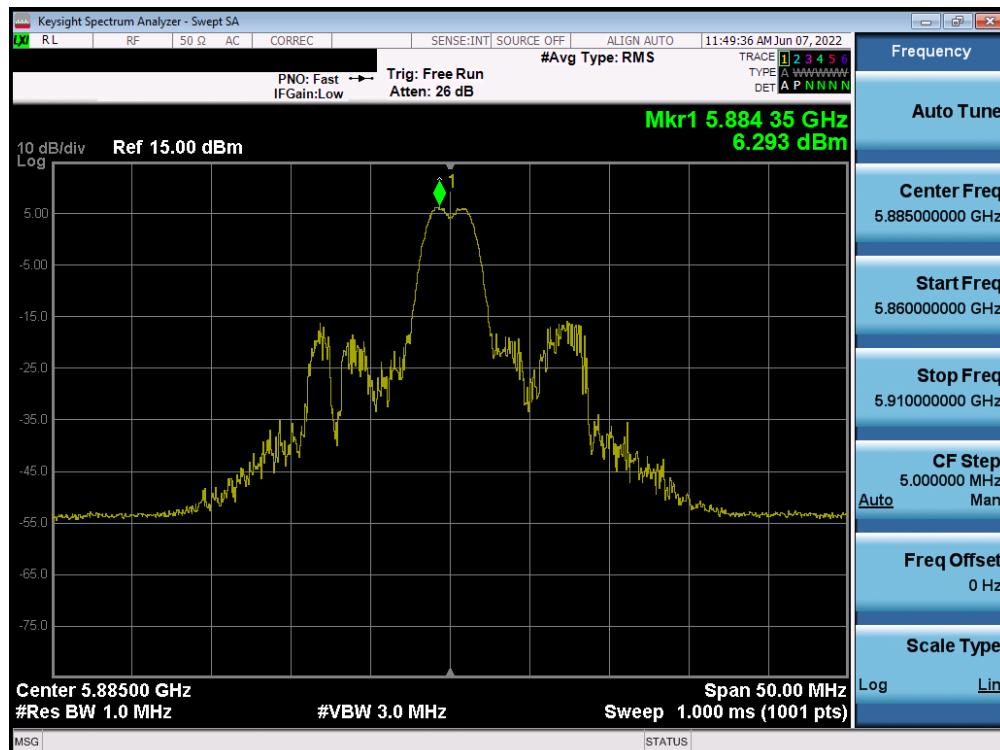


Plot 7-266. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 169)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 196 of 313

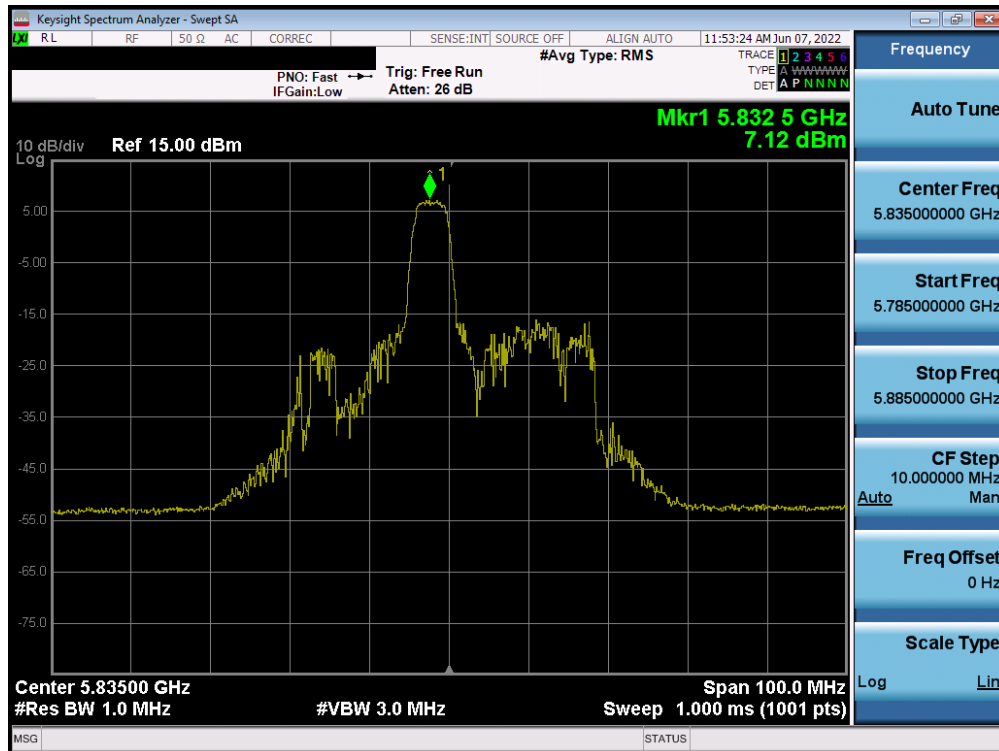


Plot 7-267. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 4) – Ch. 173)

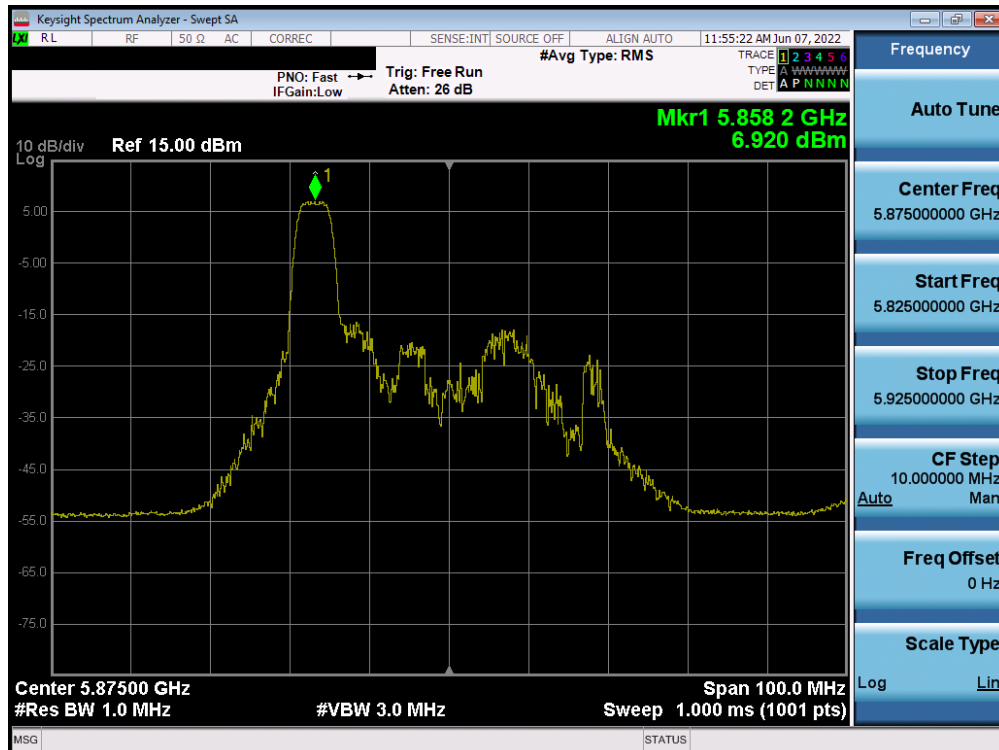


Plot 7-268. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – 26 Tones (UNII Band 4) – Ch. 177)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 197 of 313

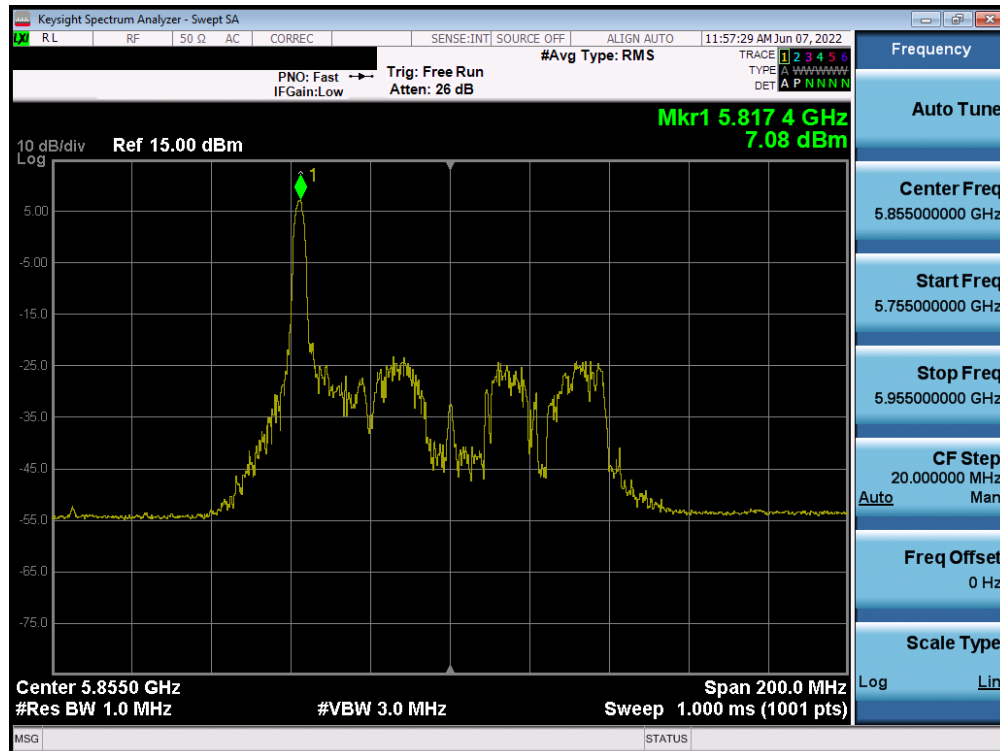


Plot 7-269. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 167)

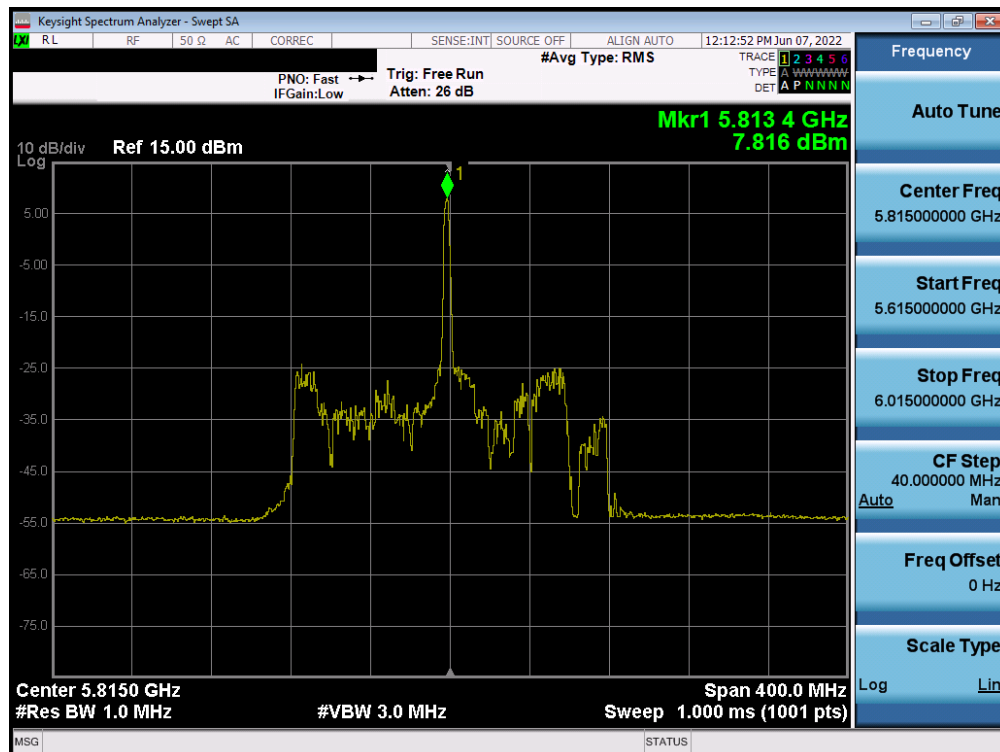


Plot 7-270. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – 26 Tones (UNII Band 4) – Ch. 175)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 198 of 313

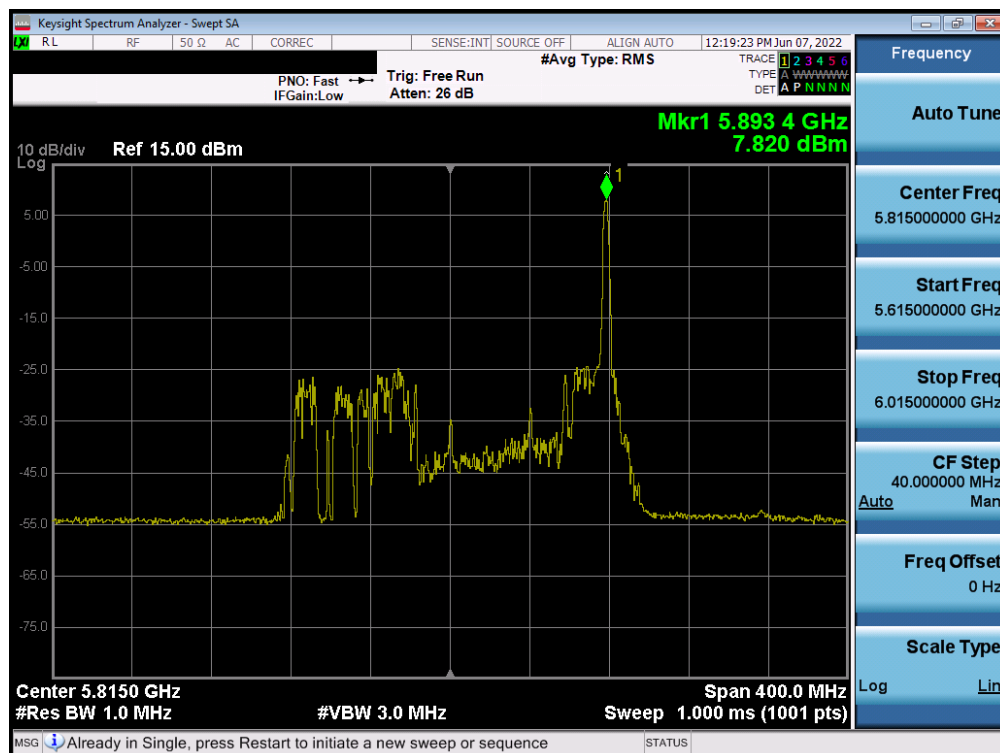


Plot 7-271. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 171)



Plot 7-272. Power Spectral Density Plot ANT2 (160MHz BW (L) 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 199 of 313



Plot 7-273. Power Spectral Density Plot ANT2 (160MHz BW (U) 802.11ax – 26 Tones (UNII Band 3/4) – Ch. 163)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 200 of 313

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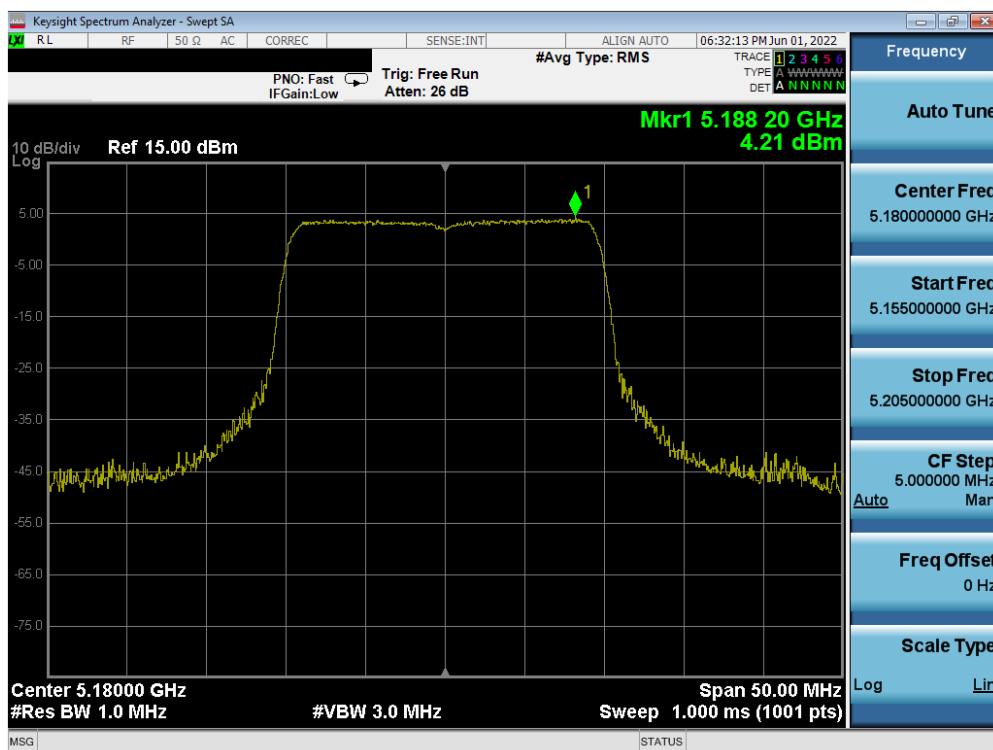
Antenna-2 Power Spectral Density Measurements (Full Tones)

	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	4.21	11.0	-6.79
	5200	40	ax (20MHz)	242T	MCS0	5.11	11.0	-5.89
	5240	48	ax (20MHz)	242T	MCS0	4.73	11.0	-6.27
	5190	38	ax (40MHz)	484T	MCS0	1.71	11.0	-9.29
	5230	46	ax (40MHz)	484T	MCS0	1.90	11.0	-9.10
	5210	42	ax (80MHz)	996T	MCS0	-0.54	11.0	-11.54
Band 1/2A	5250	50	ax (160MHz L)	996T	MCS0	-1.29	11.0	-12.29
	5250	50	ax (160MHz U)	996T	MCS0	-0.79	11.0	-11.79
Band 2A	5260	52	ax (20MHz)	242T	MCS0	4.71	11.0	-6.29
	5280	56	ax (20MHz)	242T	MCS0	4.41	11.0	-6.59
	5320	64	ax (20MHz)	242T	MCS0	4.54	11.0	-6.46
	5270	54	ax (40MHz)	484T	MCS0	1.66	11.0	-9.34
	5310	62	ax (40MHz)	484T	MCS0	1.40	11.0	-9.60
	5290	58	ax (80MHz)	996T	MCS0	-0.91	11.0	-11.91
Band 2C	5500	100	ax (20MHz)	242T	MCS0	4.79	11.0	-6.21
	5600	120	ax (20MHz)	242T	MCS0	4.58	11.0	-6.42
	5720	144	ax (20MHz)	242T	MCS0	4.66	11.0	-6.34
	5510	102	ax (40MHz)	484T	MCS0	1.50	11.0	-9.50
	5590	118	ax (40MHz)	484T	MCS0	2.71	11.0	-8.29
	5710	142	ax (40MHz)	484T	MCS0	2.59	11.0	-8.41
	5530	106	ax (80MHz)	996T	MCS0	-1.40	11.0	-12.40
	5610	122	ax (80MHz)	996T	MCS0	0.07	11.0	-10.93
	5690	138	ax (80MHz)	996T	MCS0	-0.05	11.0	-11.05
	5570	114	ax (160MHz L)	996T	MCS0	-1.79	11.0	-12.79
	5570	114	ax (160MHz U)	996T	MCS0	-1.58	11.0	-12.58

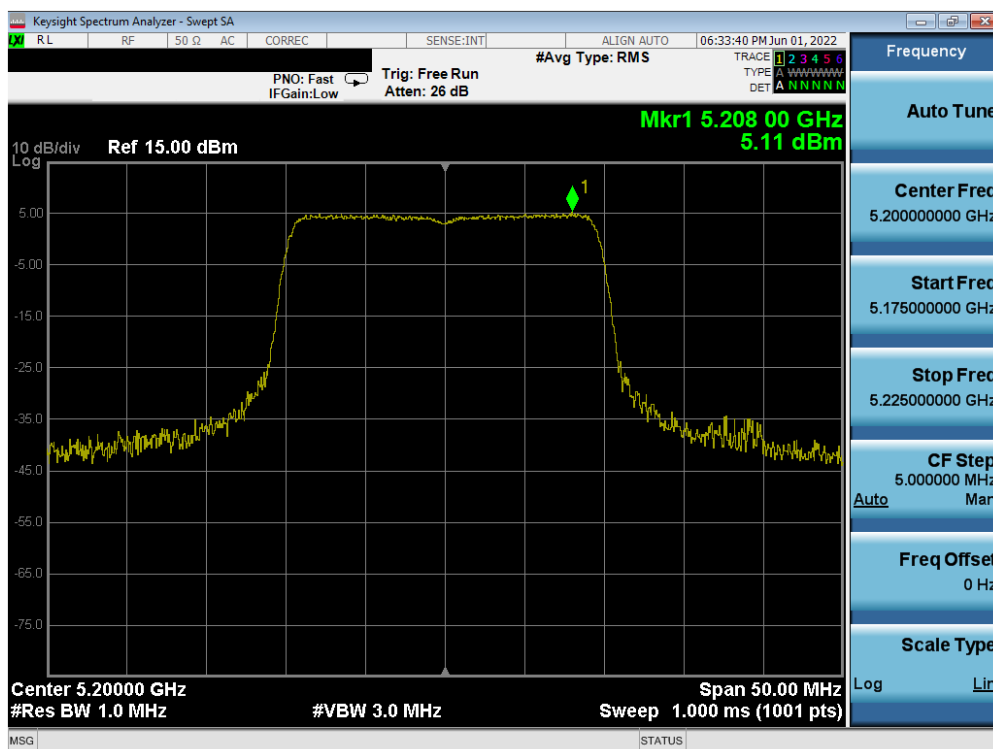
Table 7-89. Conducted Power Spectral Density Measurements ANT2 (Full Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 201 of 313

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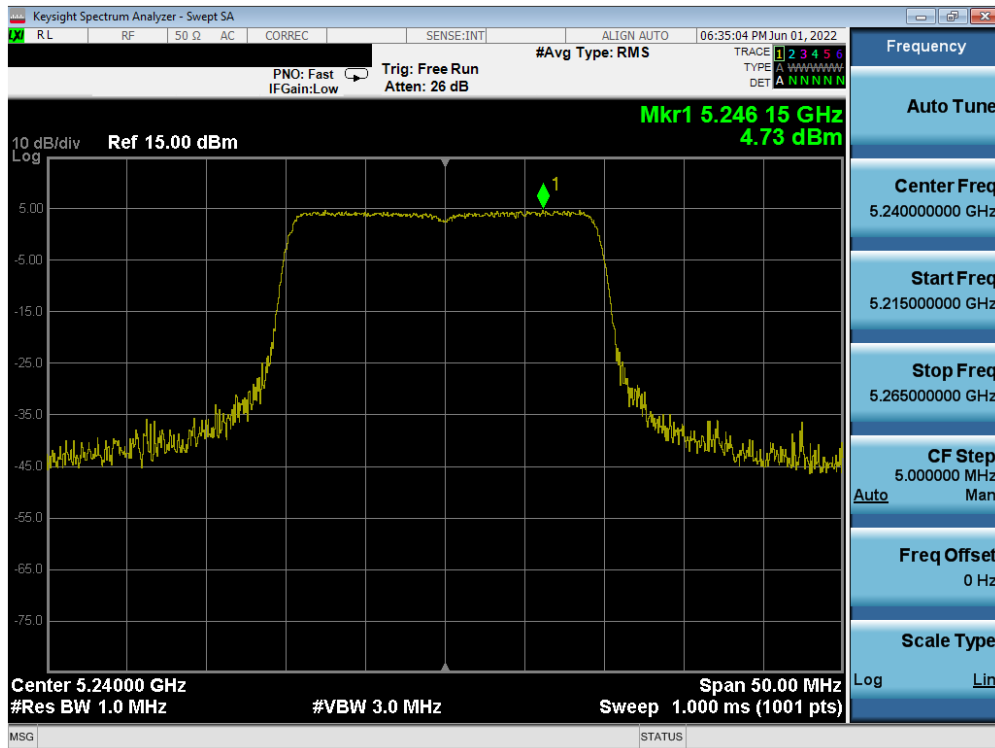


Plot 7-274. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 36)

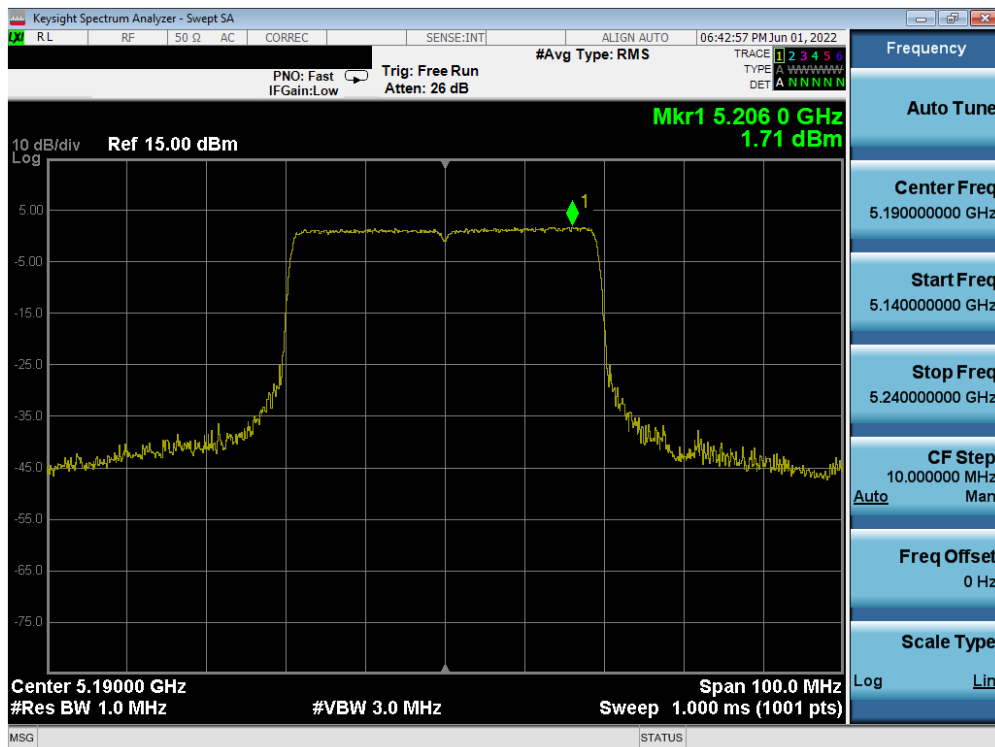


Plot 7-275. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 202 of 313

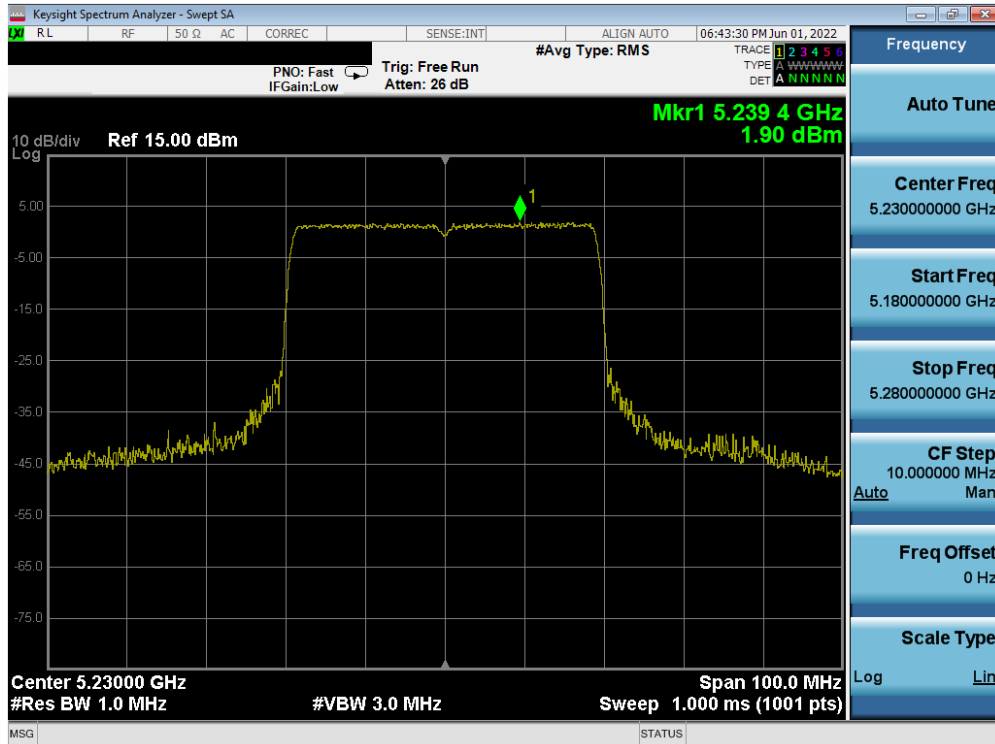


Plot 7-276. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 48)

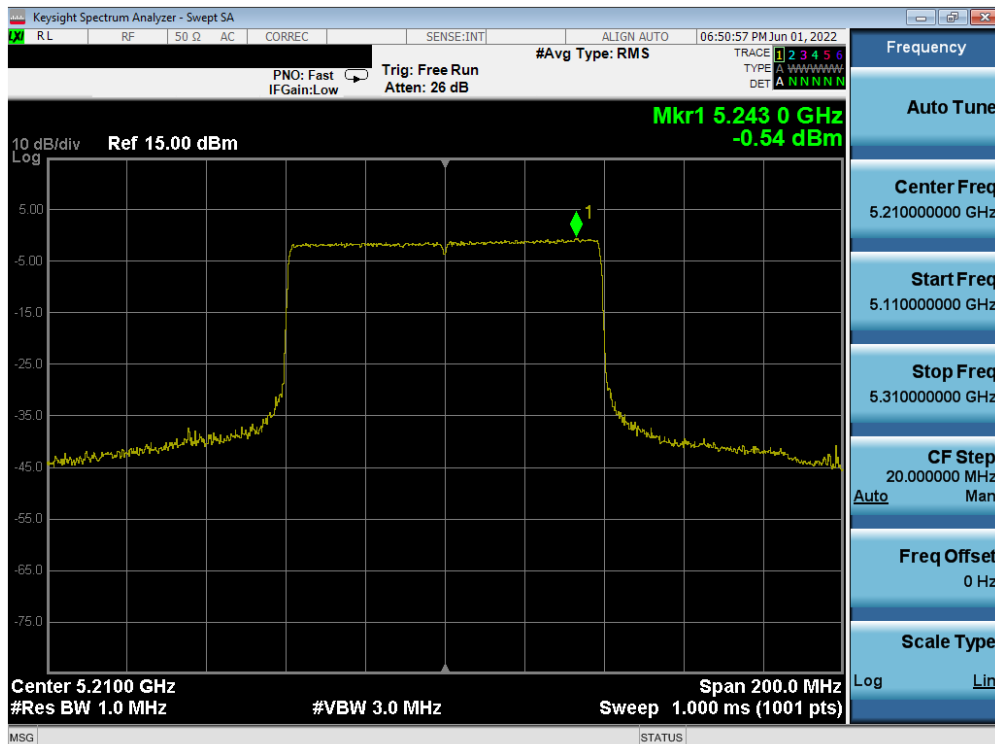


Plot 7-277. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 203 of 313

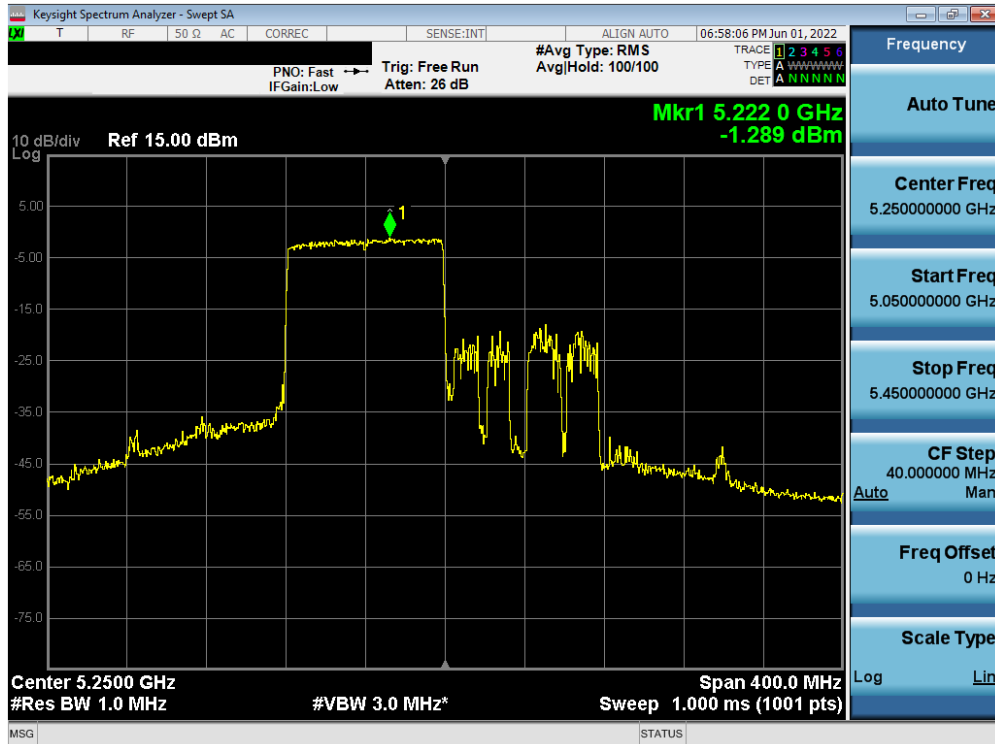


Plot 7-278. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 46)

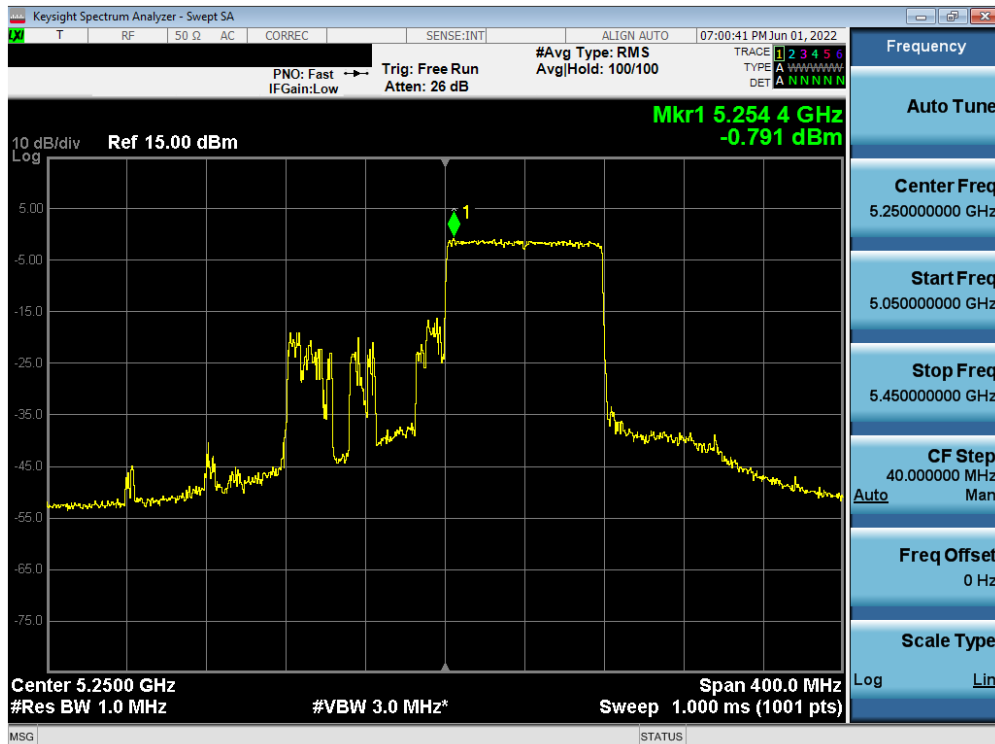


Plot 7-279. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 204 of 313

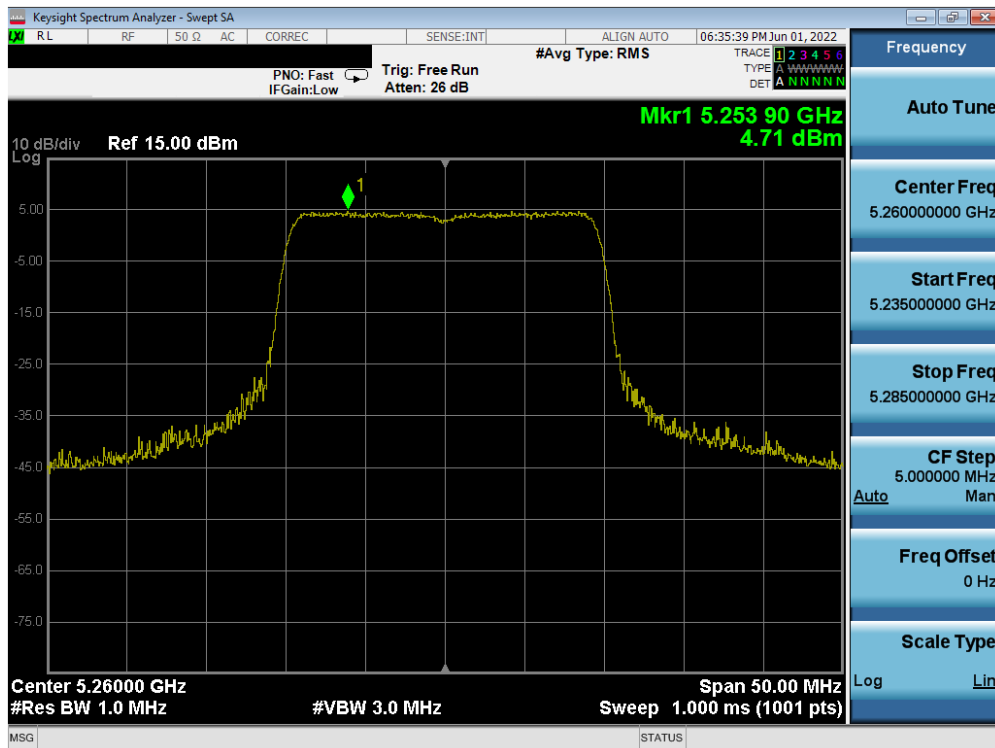


Plot 7-280. Power Spectral Density Plot ANT2 (160MHz L BW 802.11ax – Full Tones (UNII Band 1/2A) – Ch. 50)

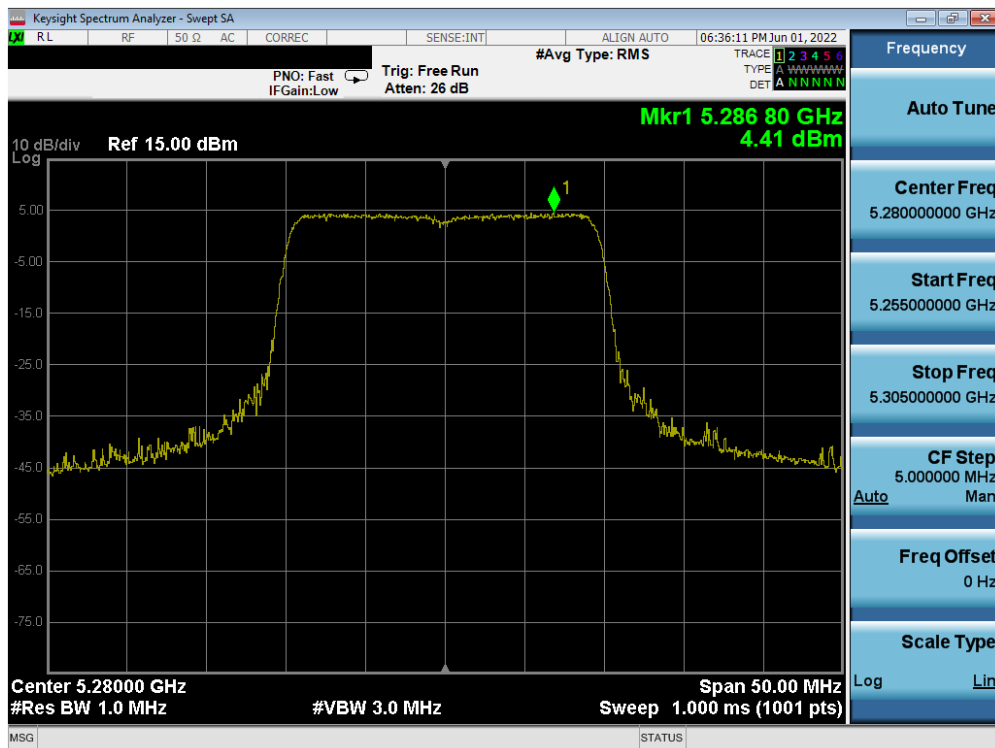


Plot 7-281. Power Spectral Density Plot ANT2 (160MHz U BW 802.11ax – Full Tones (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 205 of 313

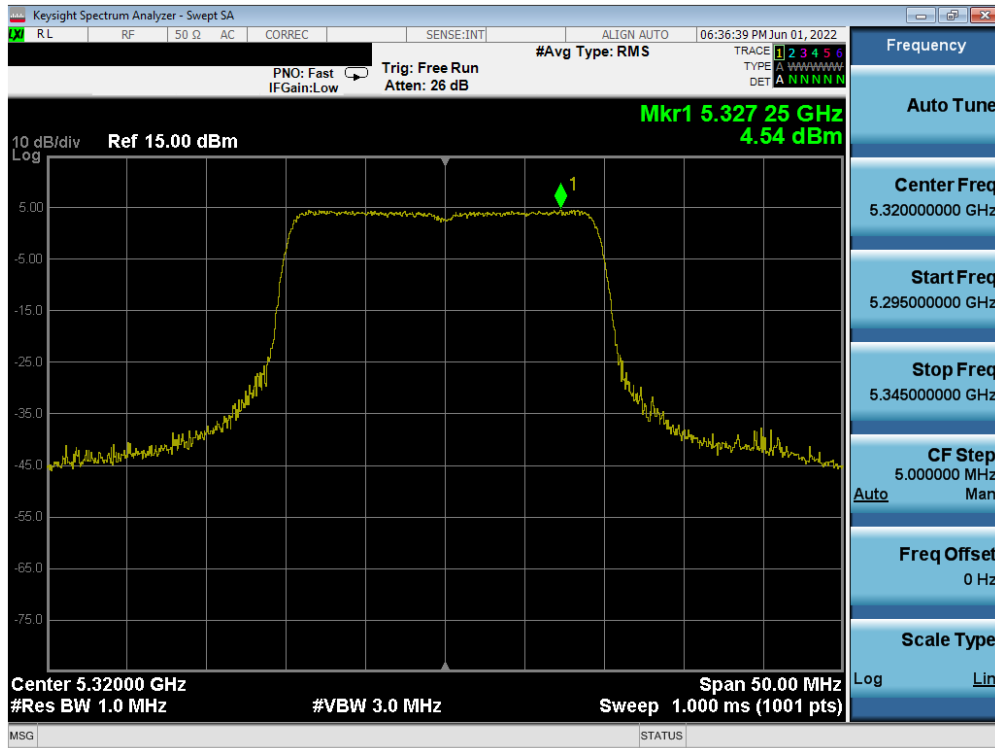


Plot 7-282. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 52)

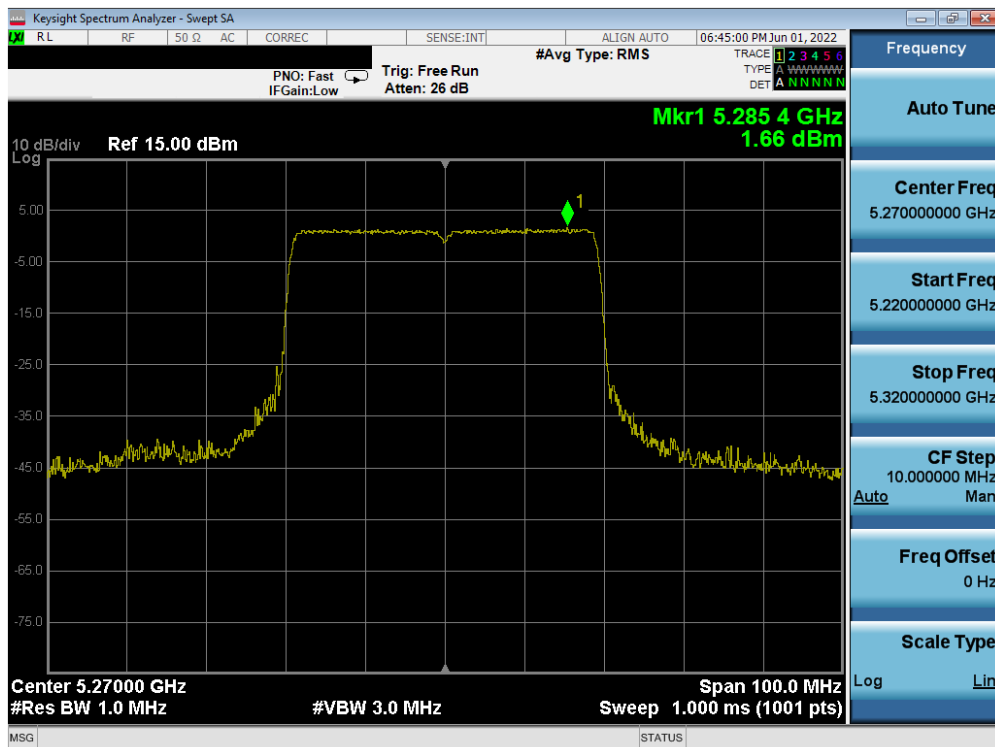


Plot 7-283. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 206 of 313

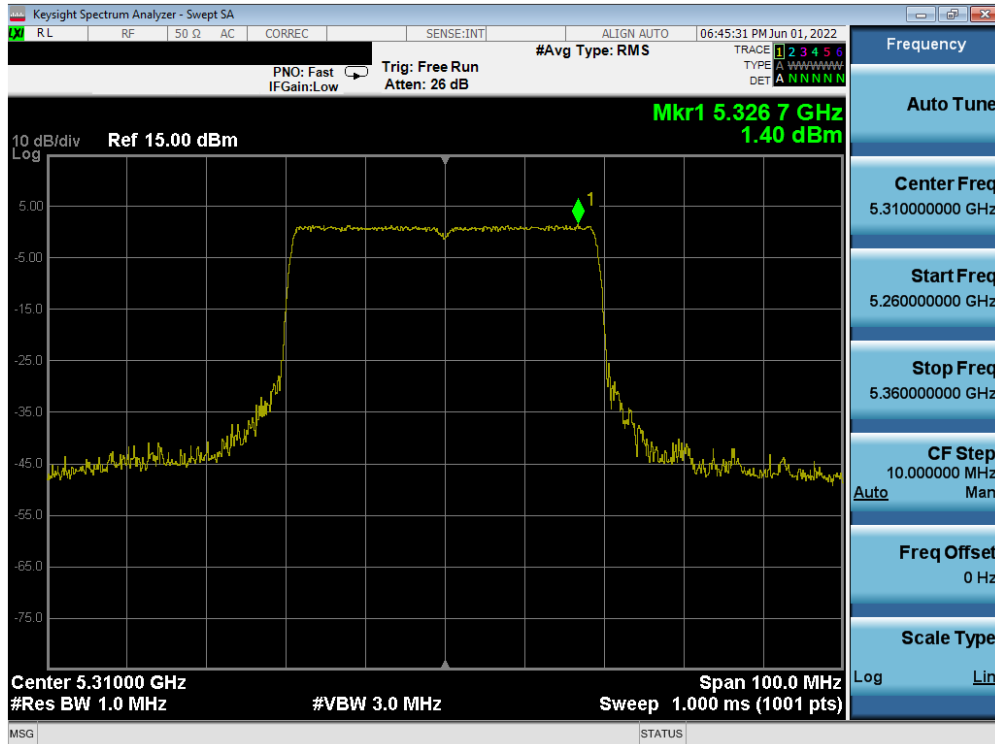


Plot 7-284. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 64)

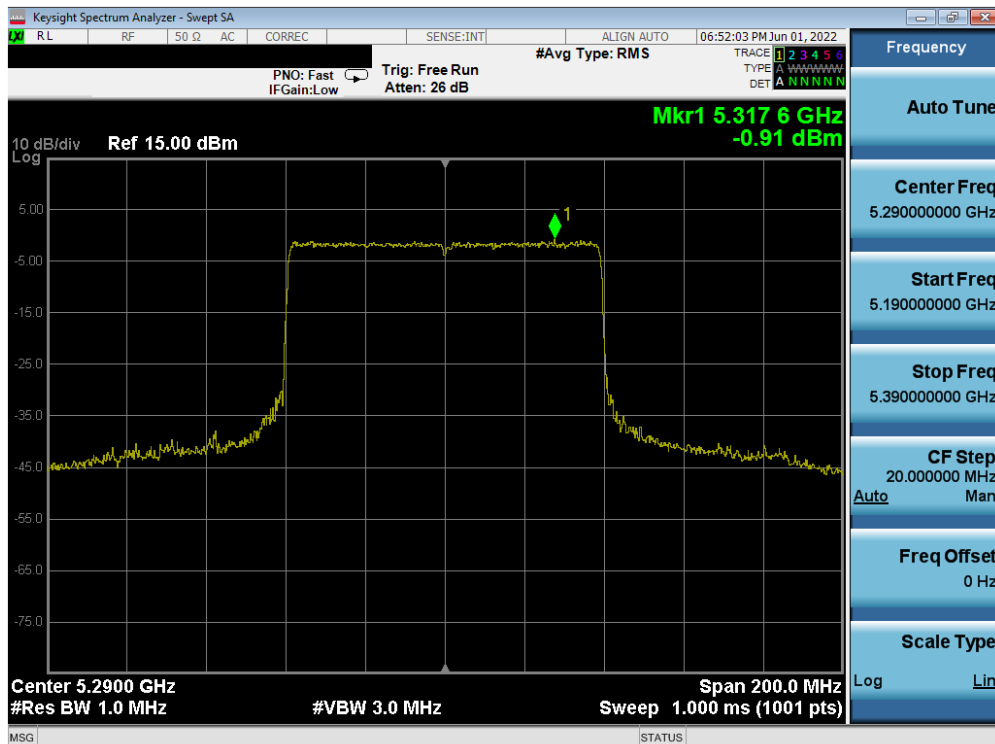


Plot 7-285. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 207 of 313

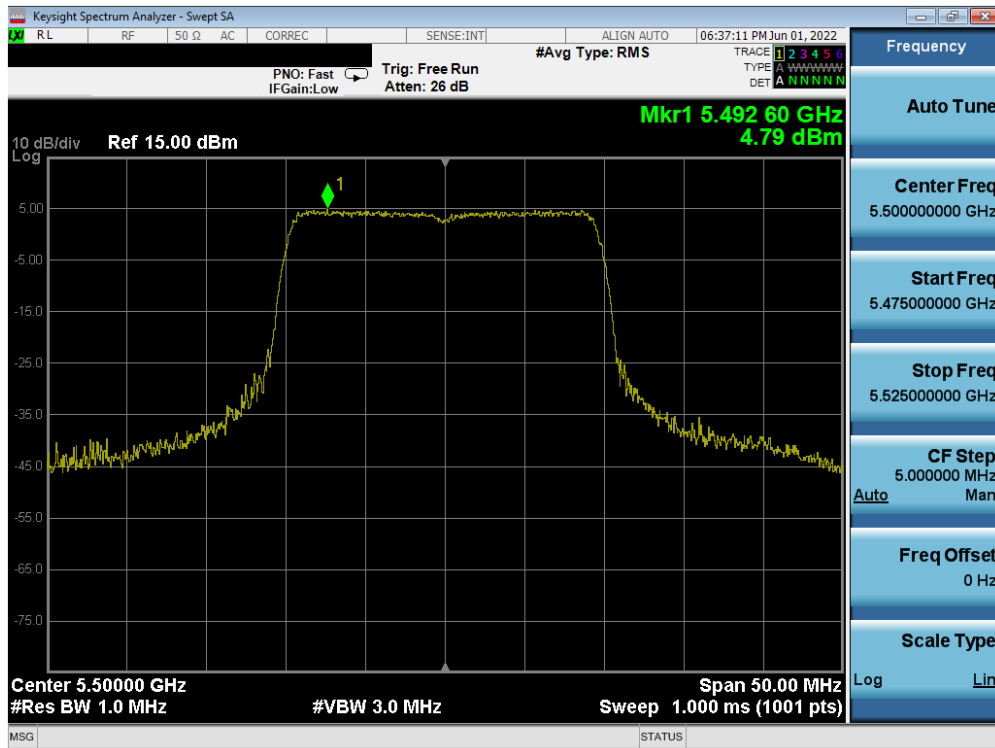


Plot 7-286. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 62)

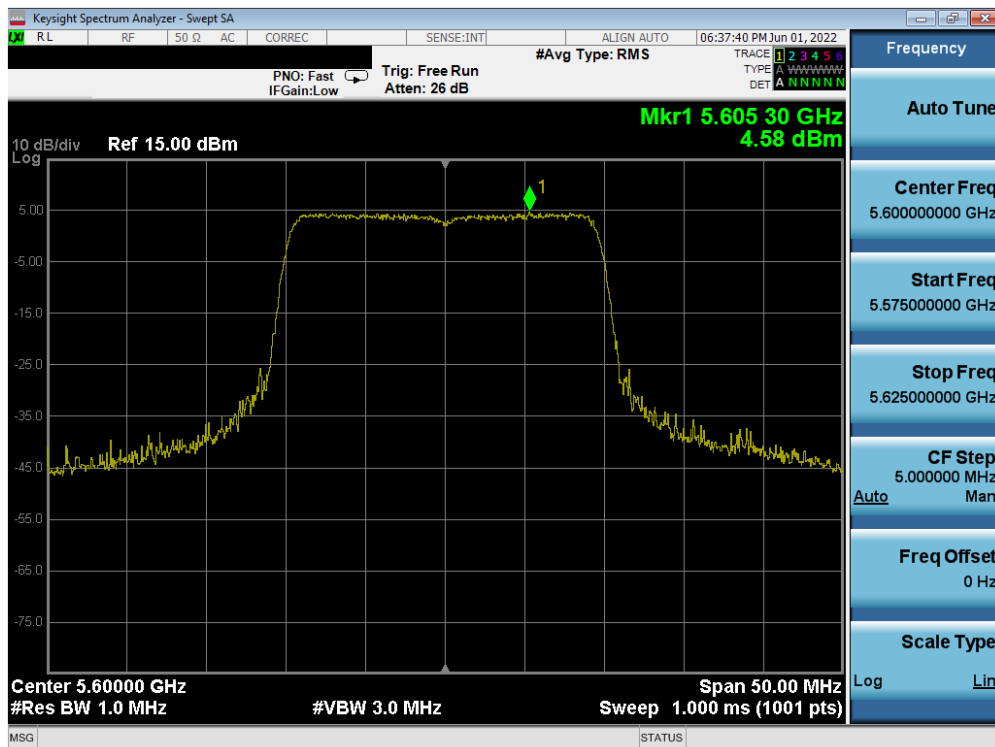


Plot 7-287. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 208 of 313

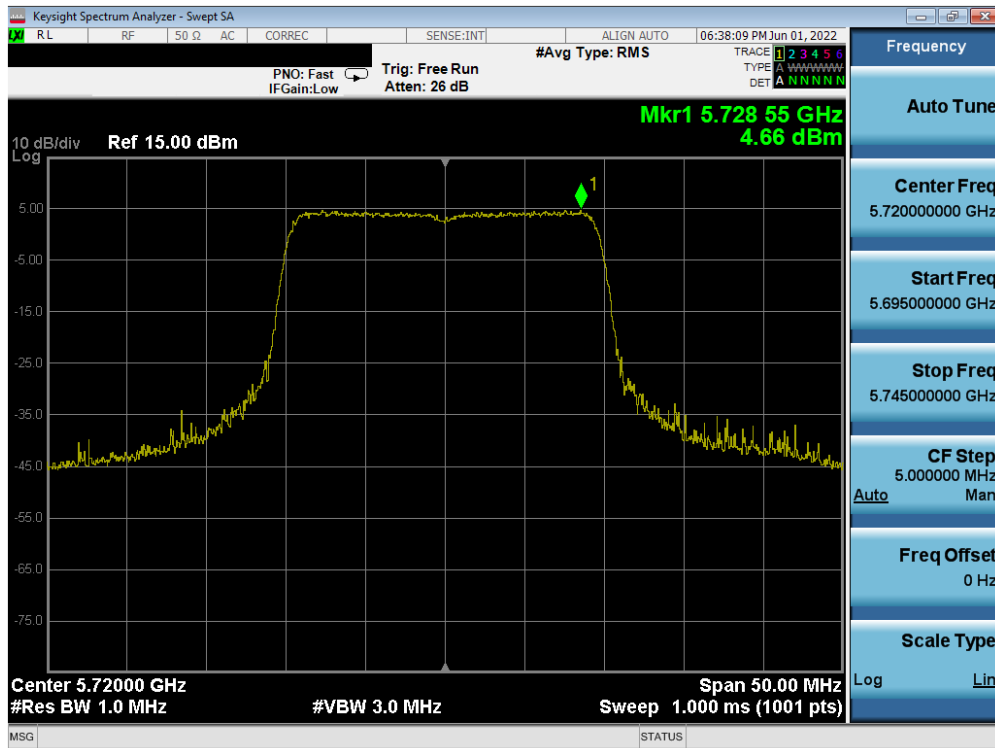


Plot 7-288. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 100)

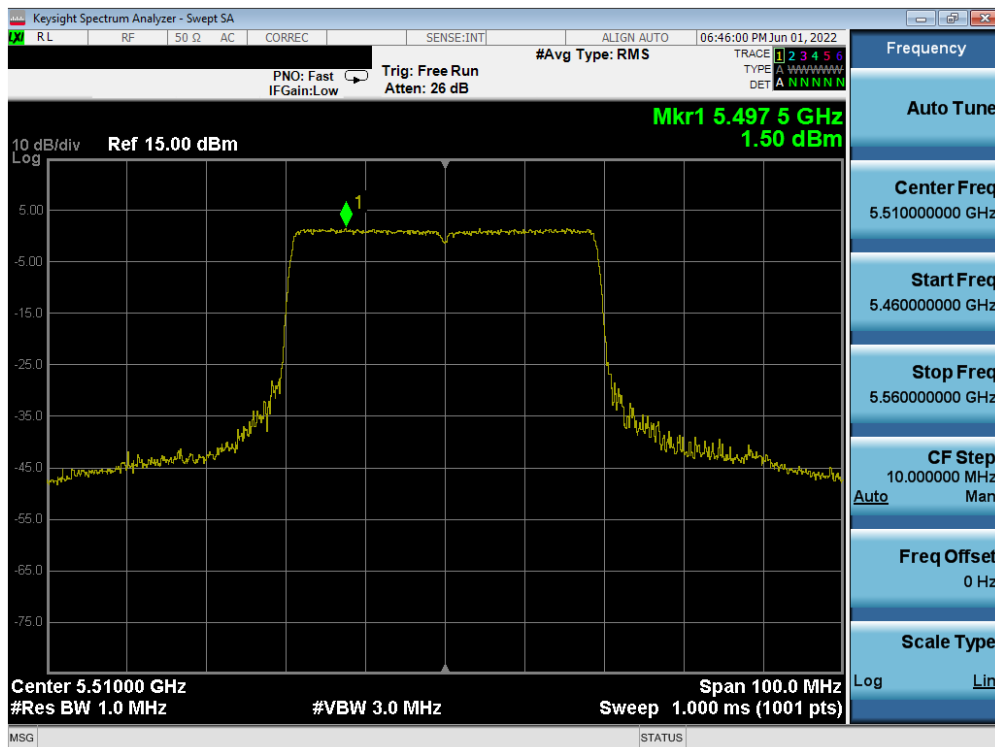


Plot 7-289. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 209 of 313

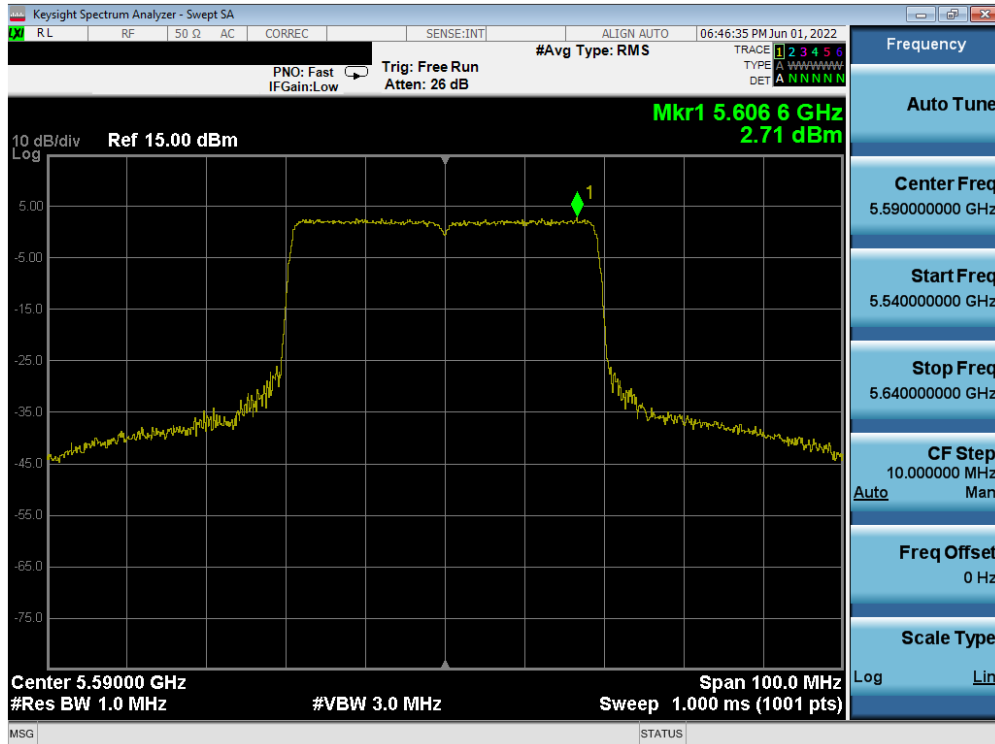


Plot 7-290. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 144)

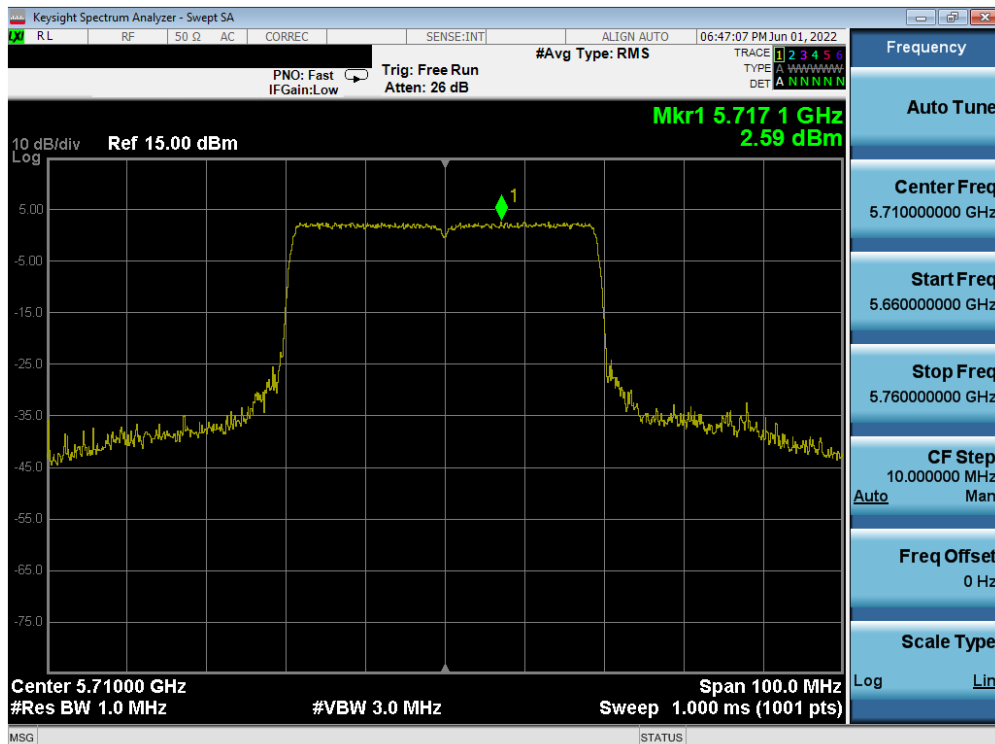


Plot 7-291. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 210 of 313

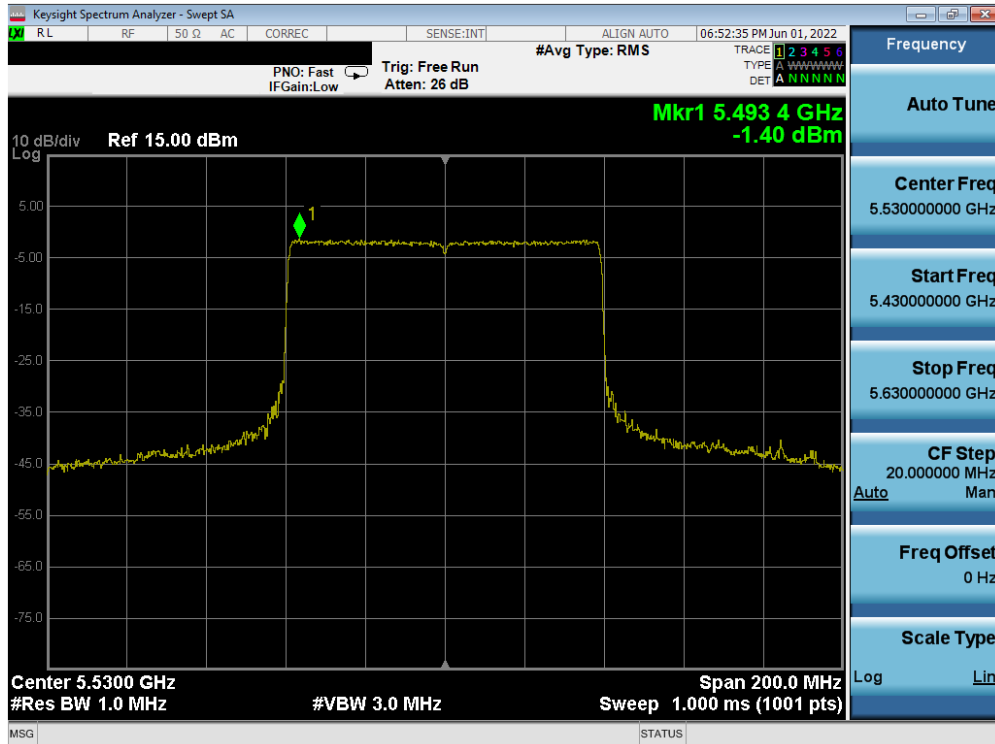


Plot 7-292. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 118)

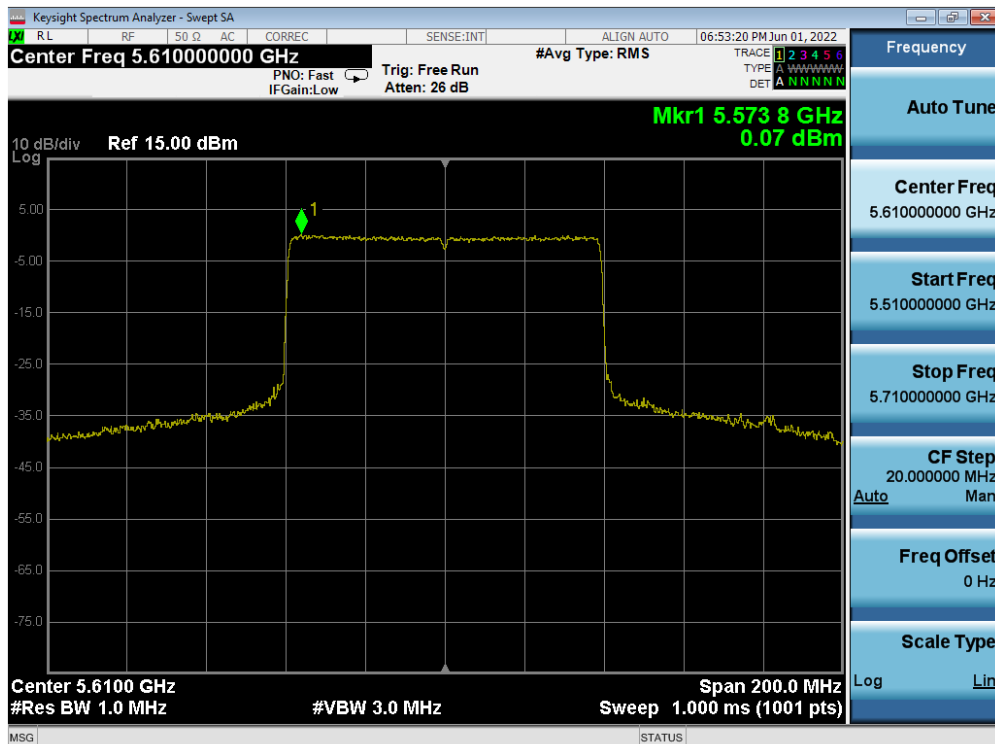


Plot 7-293. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 211 of 313

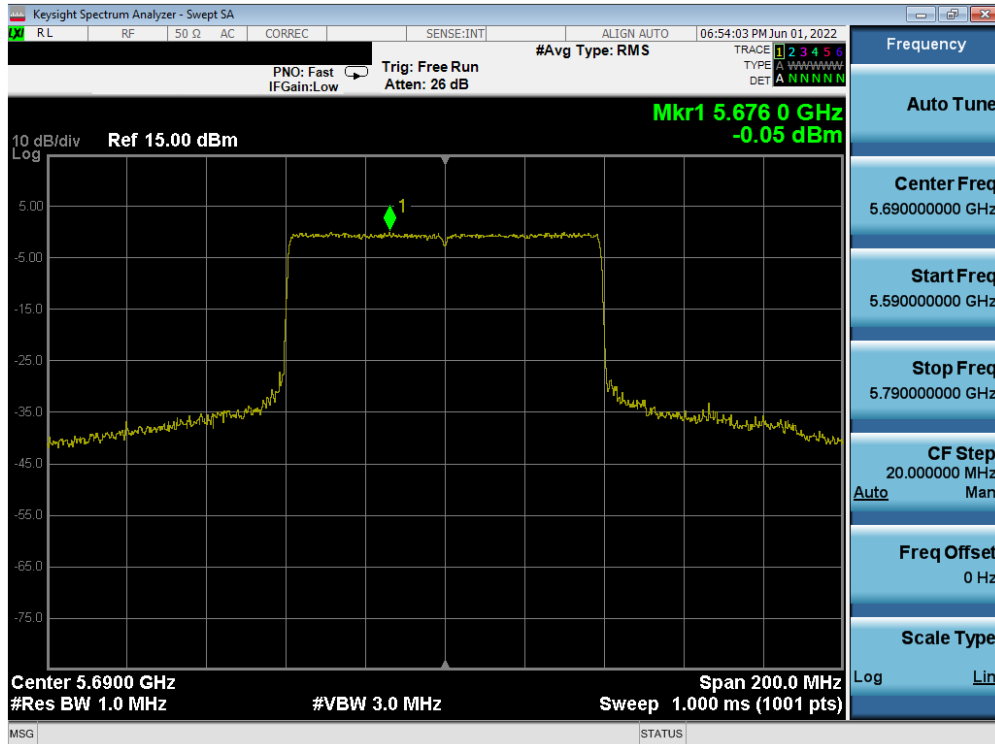


Plot 7-294. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 106)

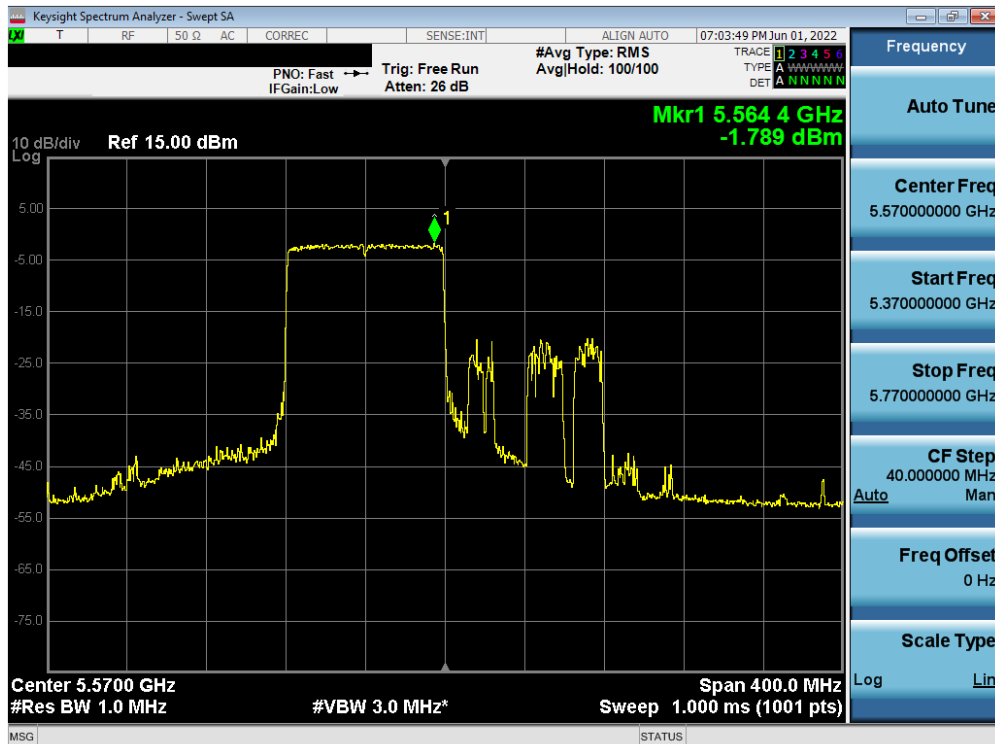


Plot 7-295. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 122)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 212 of 313

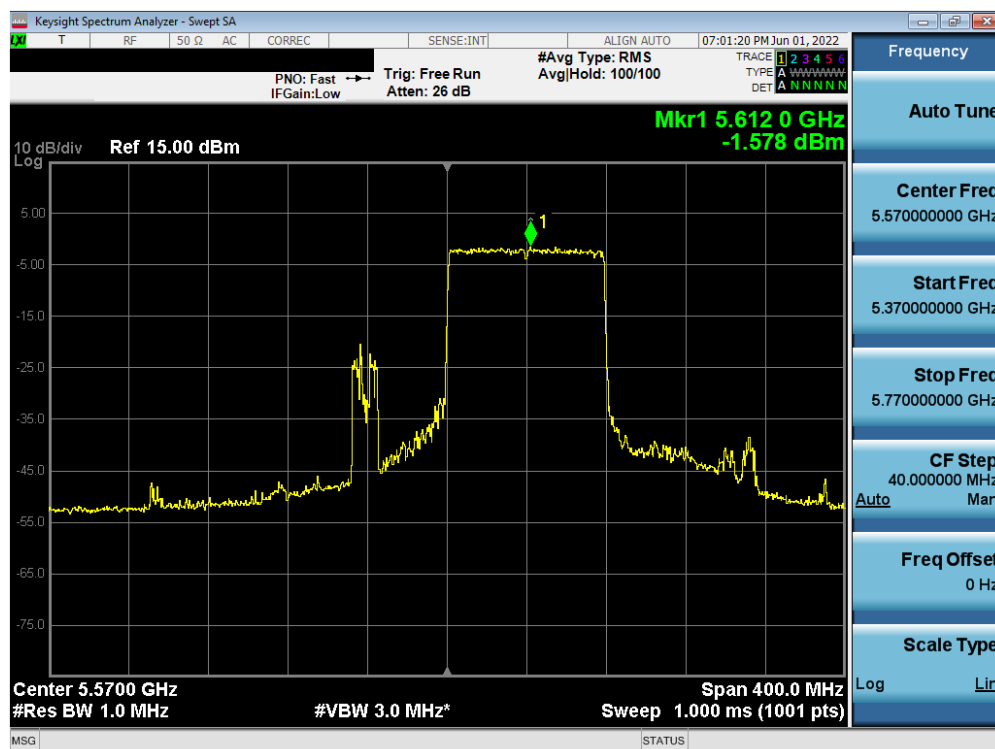


Plot 7-296. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 138)



Plot 7-297. Power Spectral Density Plot ANT2 (160MHz L BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 114)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 213 of 313



Plot 7-298. Power Spectral Density Plot ANT2 (160MHz U BW 802.11ax – Full Tones (UNII Band 2C) – Ch. 114)

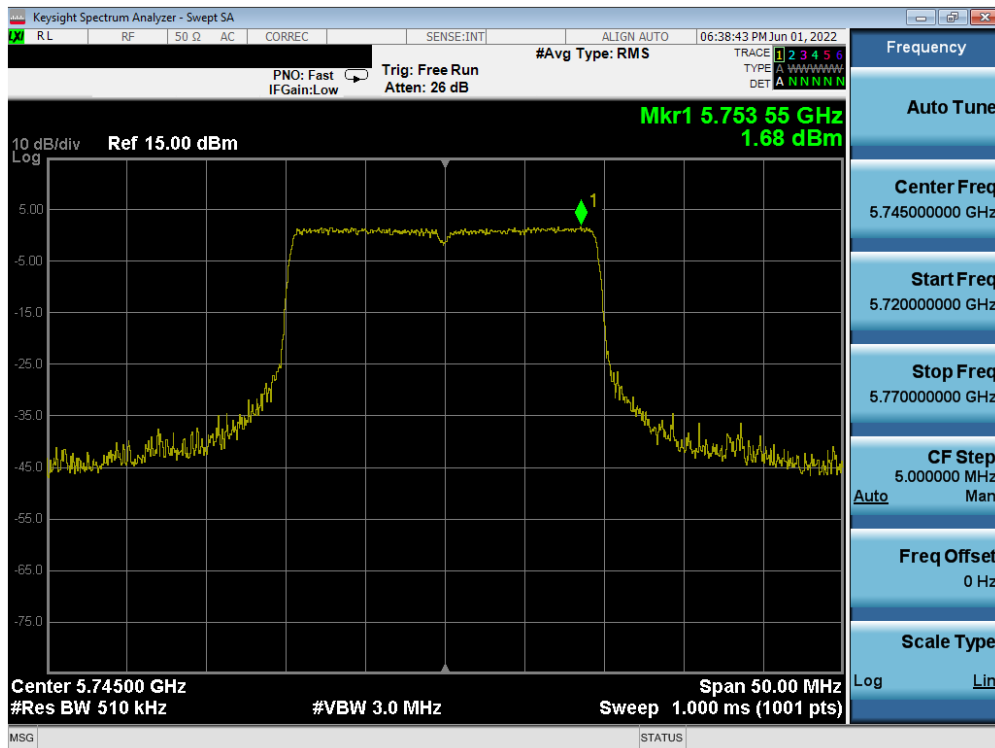
FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 214 of 313

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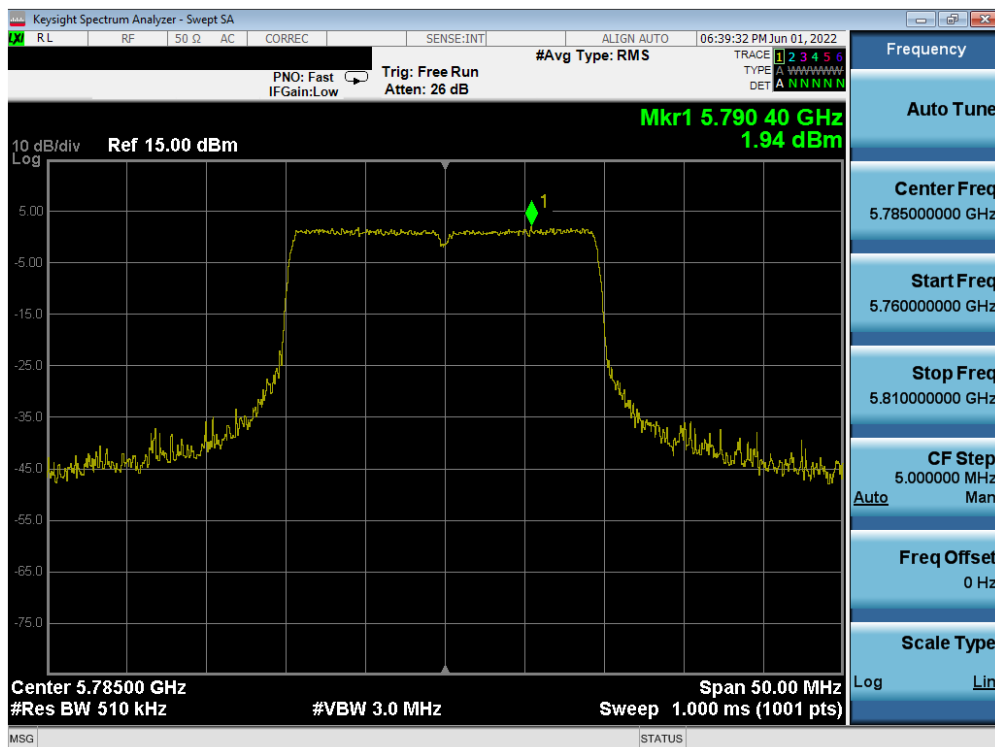
	Frequency [MHz]	Channel No.	802.11 Mode	Tones	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density	Margin [dB]
Band 3	5745	149	ax (20MHz)	242T	MCS0	1.68	30.00	-28.32
	5785	157	ax (20MHz)	242T	MCS0	1.94	30.00	-28.06
	5825	165	ax (20MHz)	242T	MCS0	1.65	30.00	-28.35
	5755	151	ax (40MHz)	484T	MCS0	-0.49	30.00	-30.49
	5795	159	ax (40MHz)	484T	MCS0	0.03	30.00	-29.97
	5775	155	ax (80MHz)	996T	MCS0	-2.79	30.00	-32.79

Table 7-90. Band 3 Conducted Power Spectral Density Measurements ANT2 (Full Tones)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 215 of 313

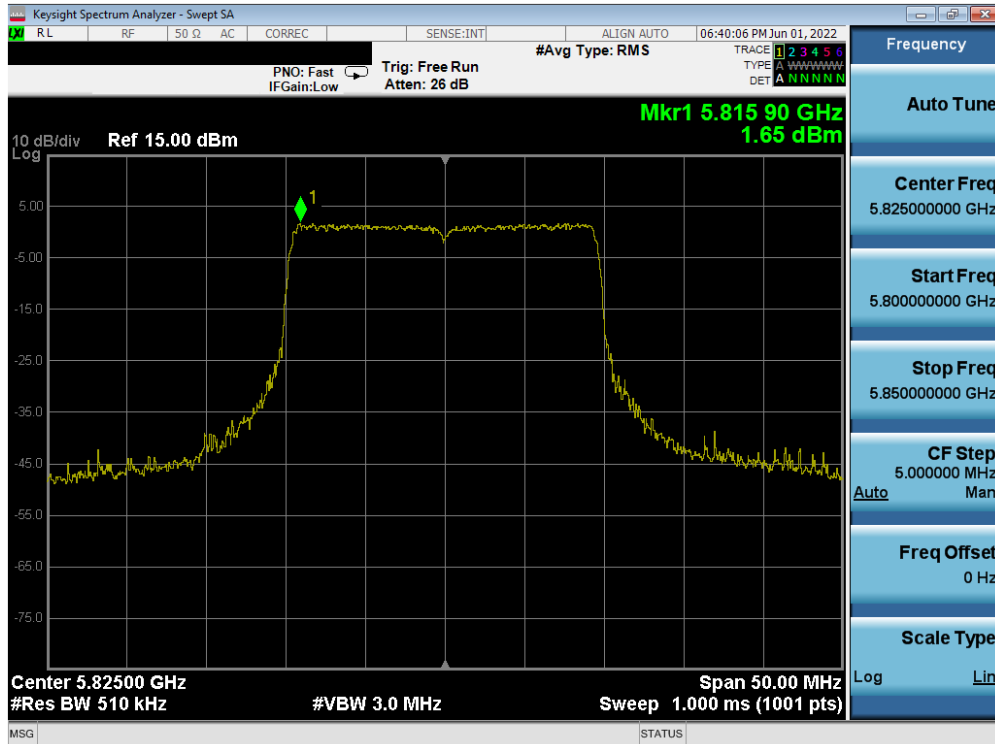


Plot 7-299. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 149)

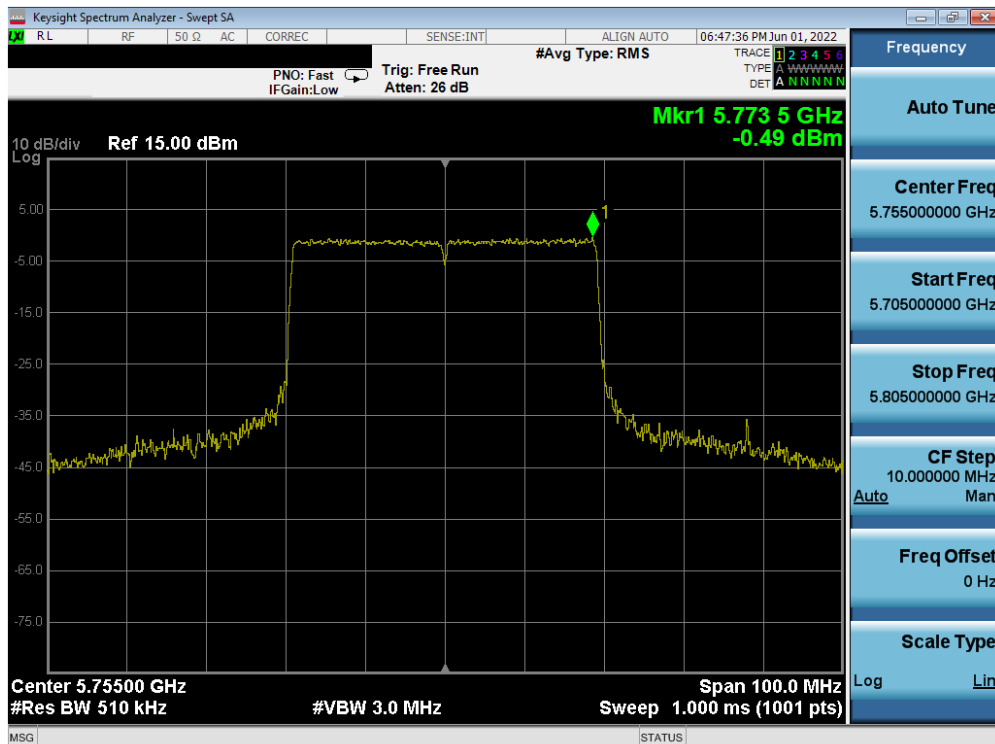


Plot 7-300. Power Spectral Density Plot ANT2 (20MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 216 of 313

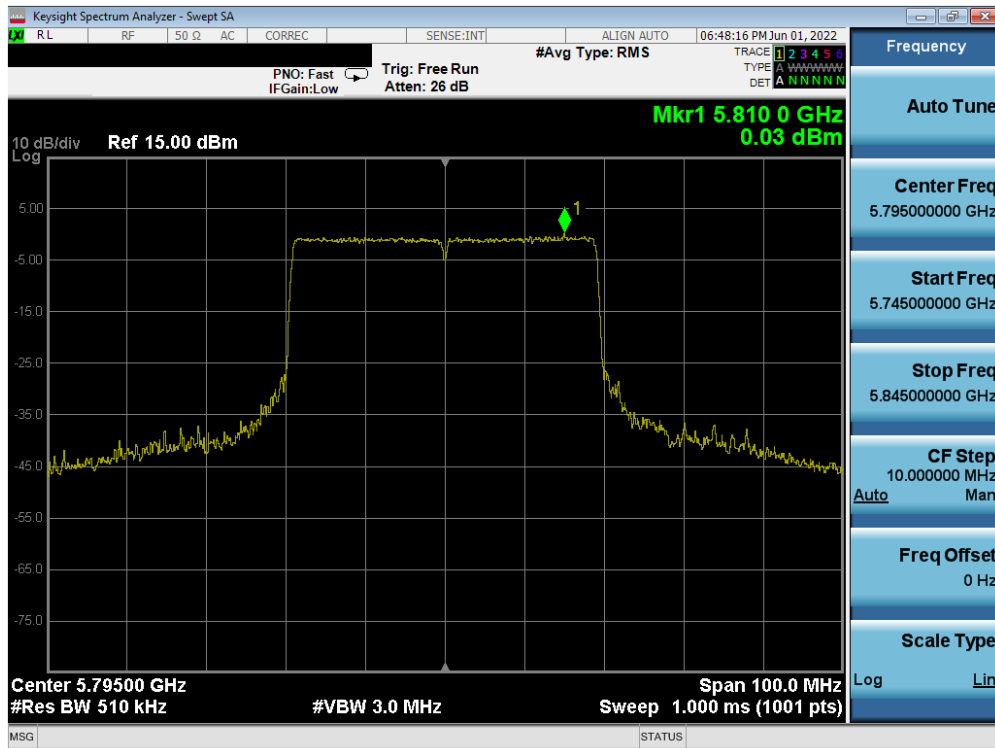


Plot 7-301. Power Spectral Density Plot ANT2 (20 MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 165)

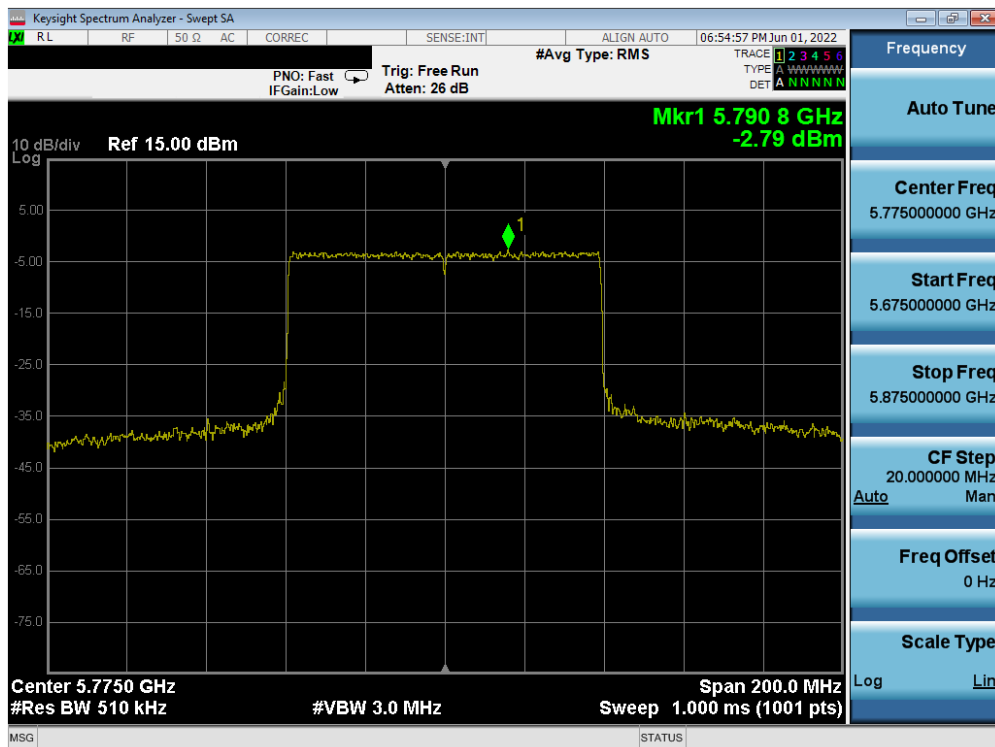


Plot 7-302. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 151)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1-A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 217 of 313



Plot 7-303. Power Spectral Density Plot ANT2 (40MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 159)



Plot 7-304. Power Spectral Density Plot ANT2 (80MHz BW 802.11ax – Full Tones (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF721JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2206140073-12-R1.A3L	Test Dates: 4/8/2022 – 7/30/2022	EUT Type: Portable Handset	Page 218 of 313