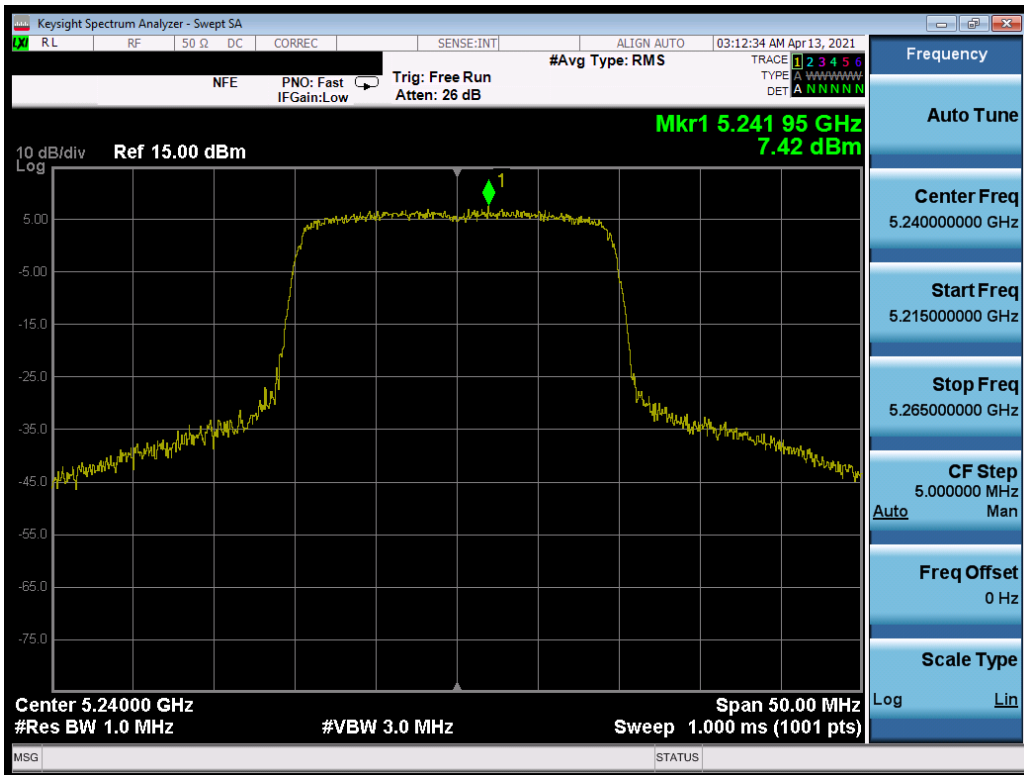
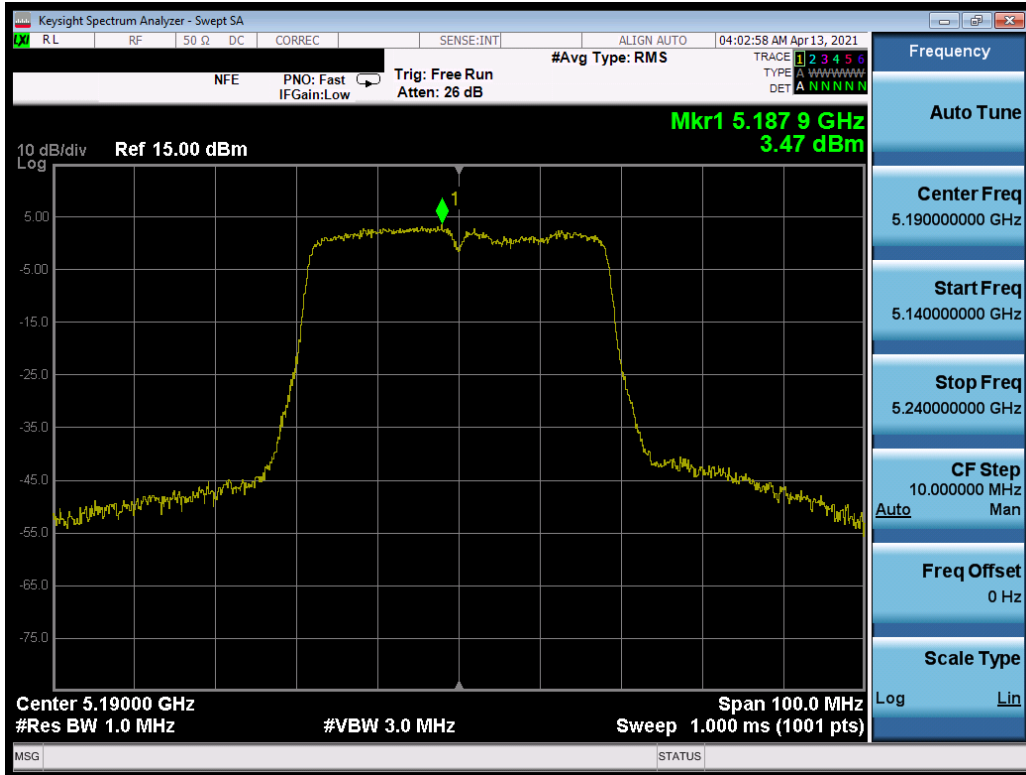


Plot 7-218. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

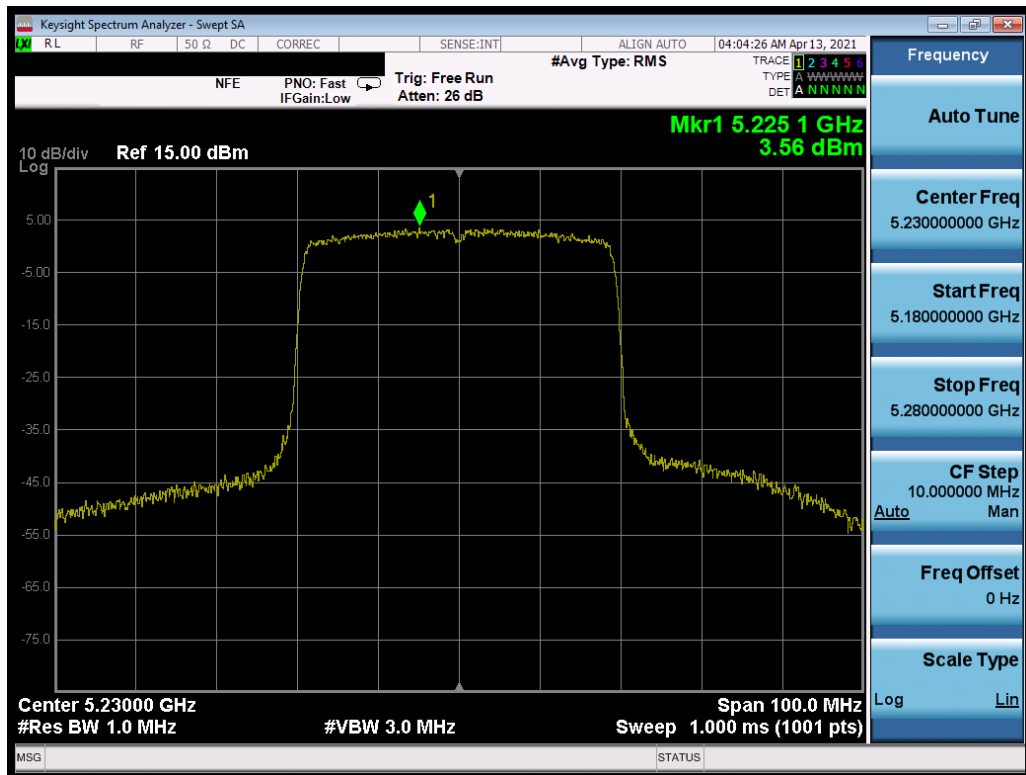


Plot 7-219. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 139 of 309

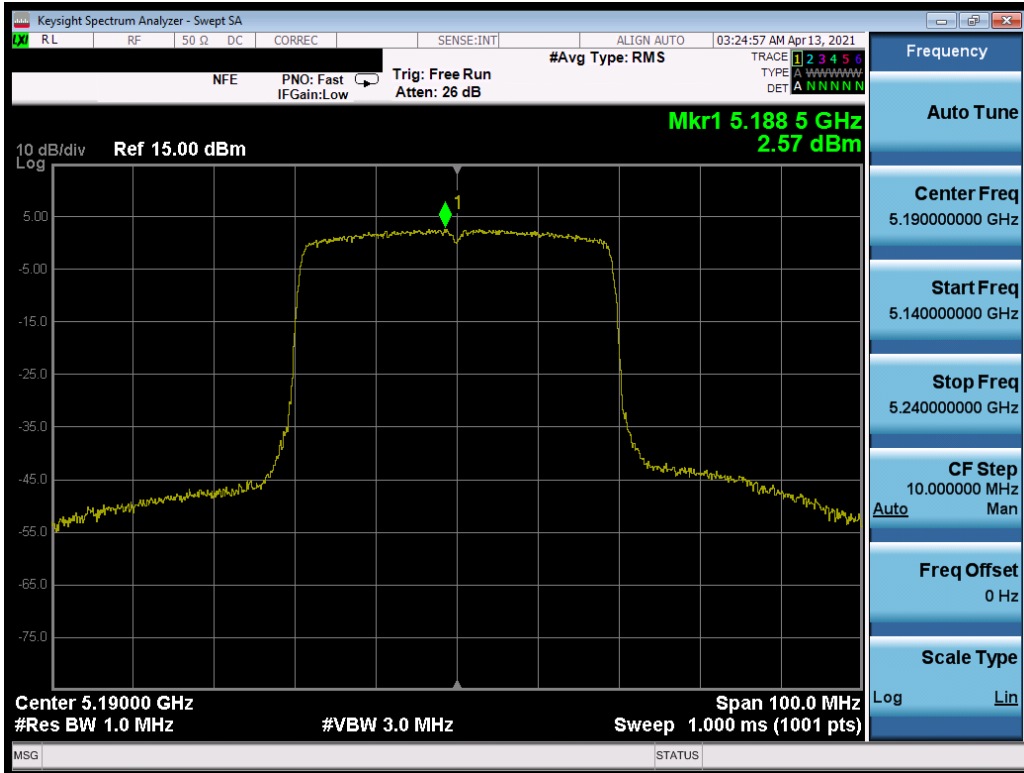


Plot 7-220. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

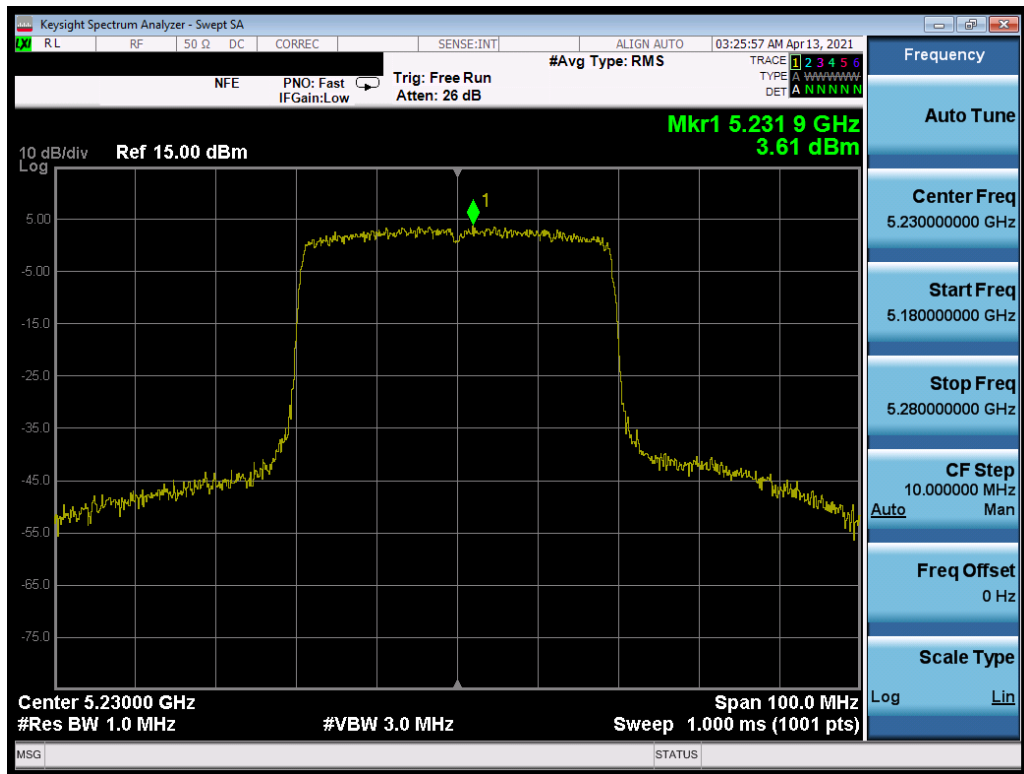


Plot 7-221. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 140 of 309

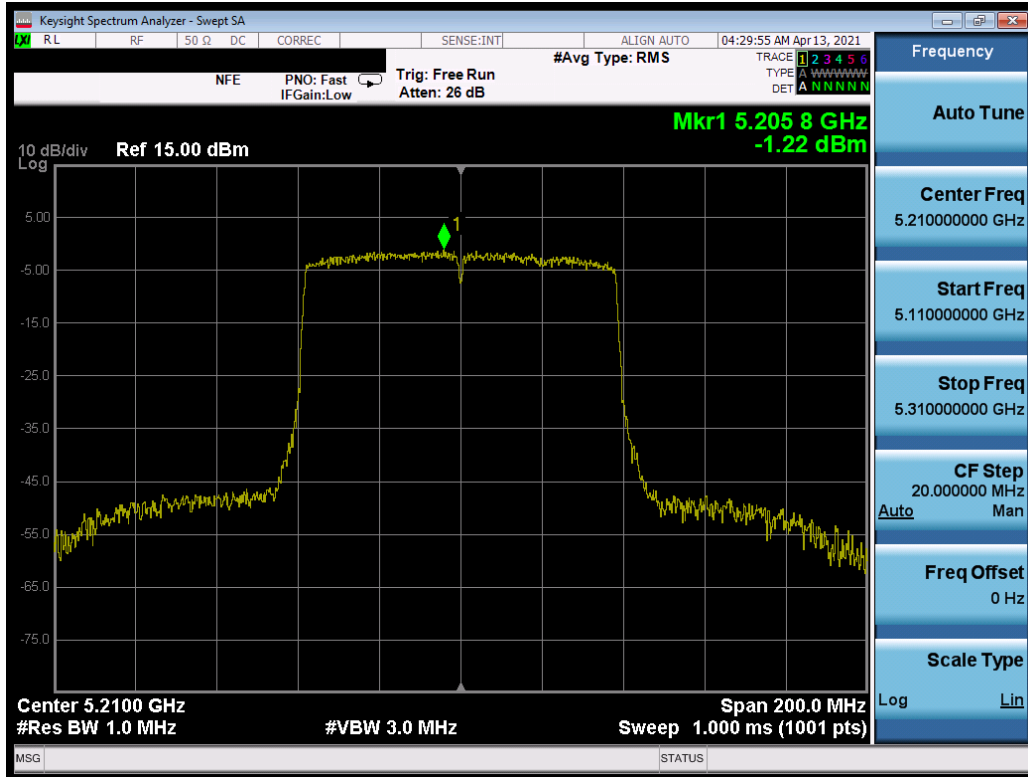


Plot 7-222. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

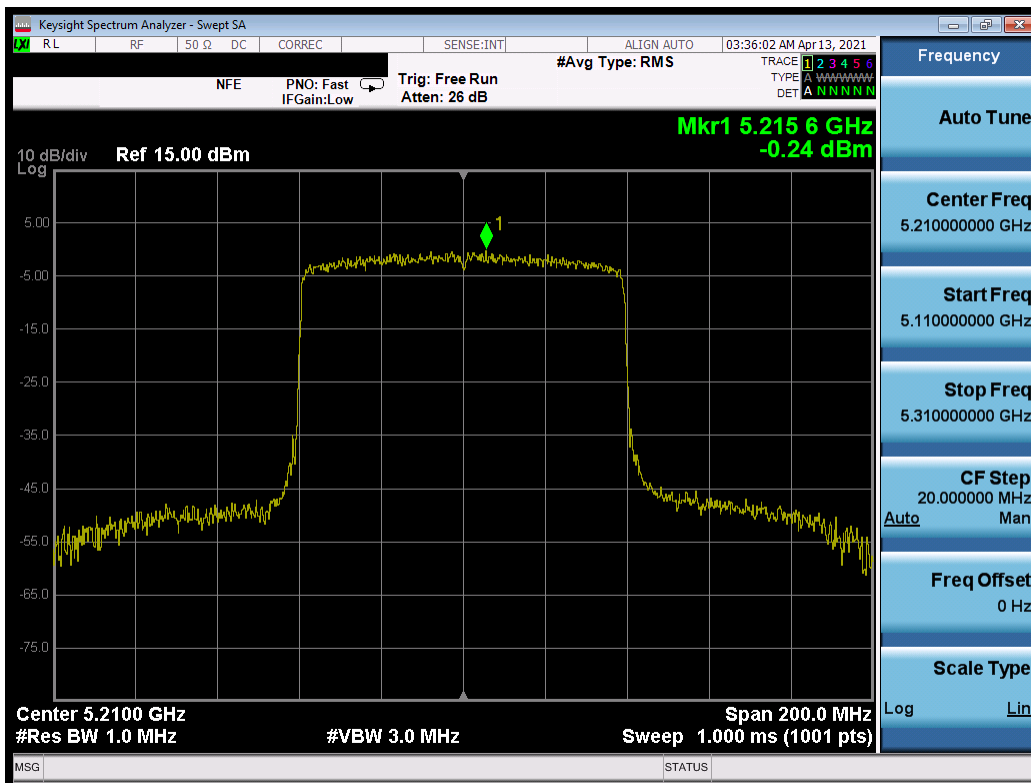


Plot 7-223. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 141 of 309

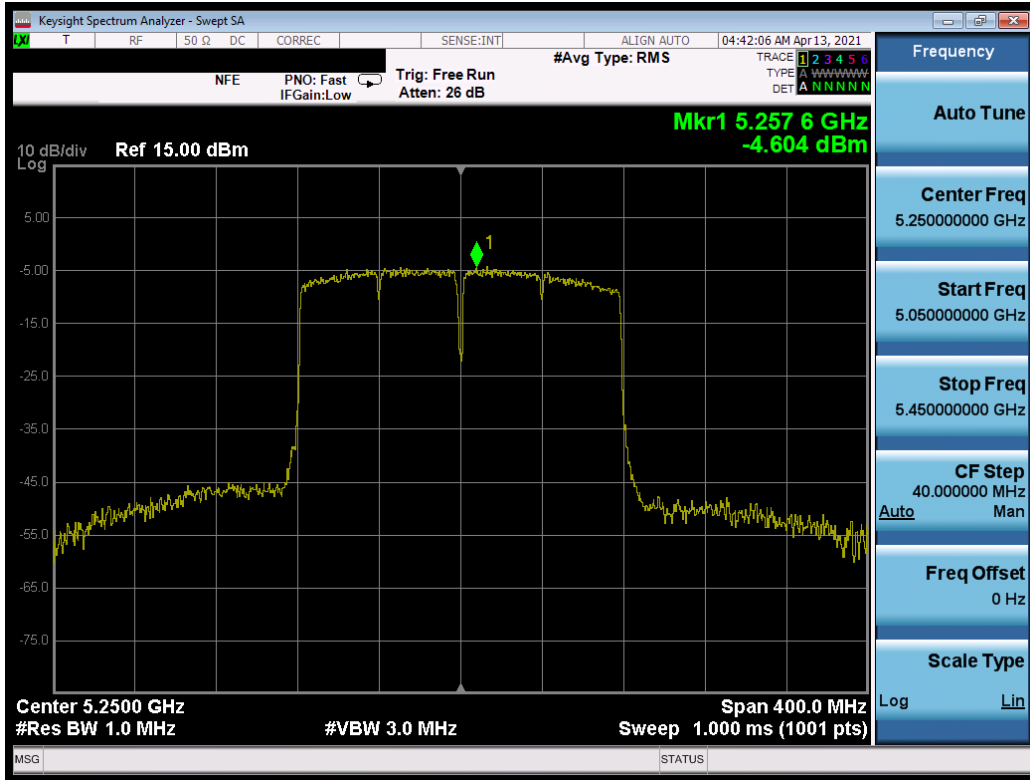


Plot 7-224. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

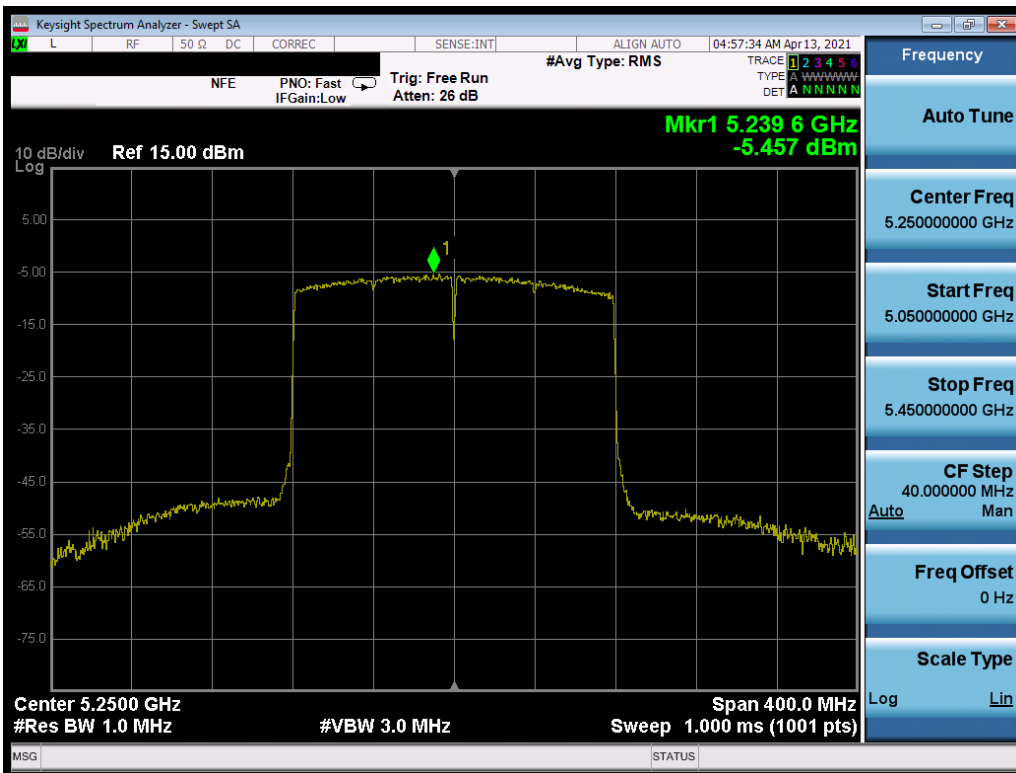


Plot 7-225. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 142 of 309

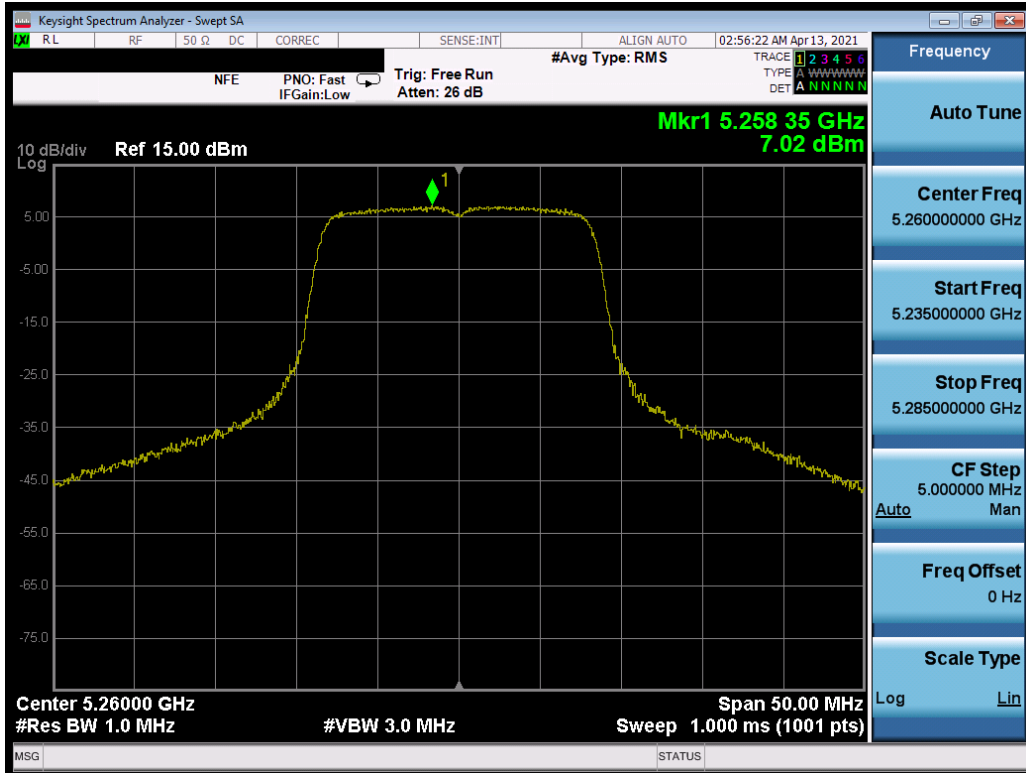


Plot 7-226. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

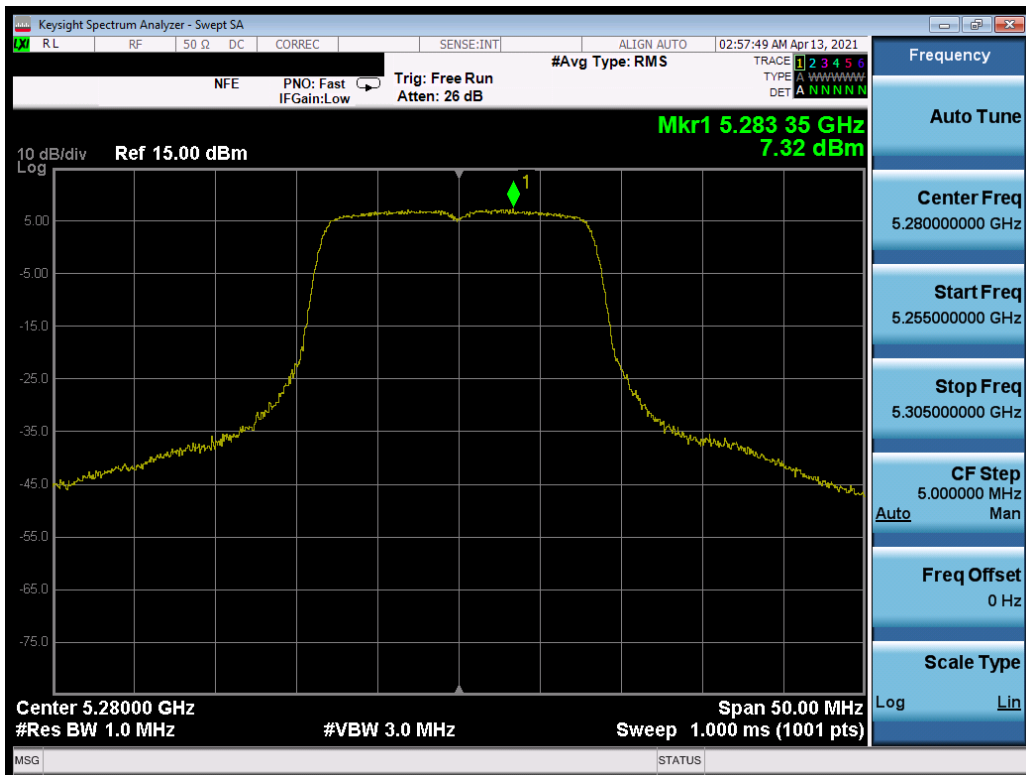


Plot 7-227. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ax (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 143 of 309

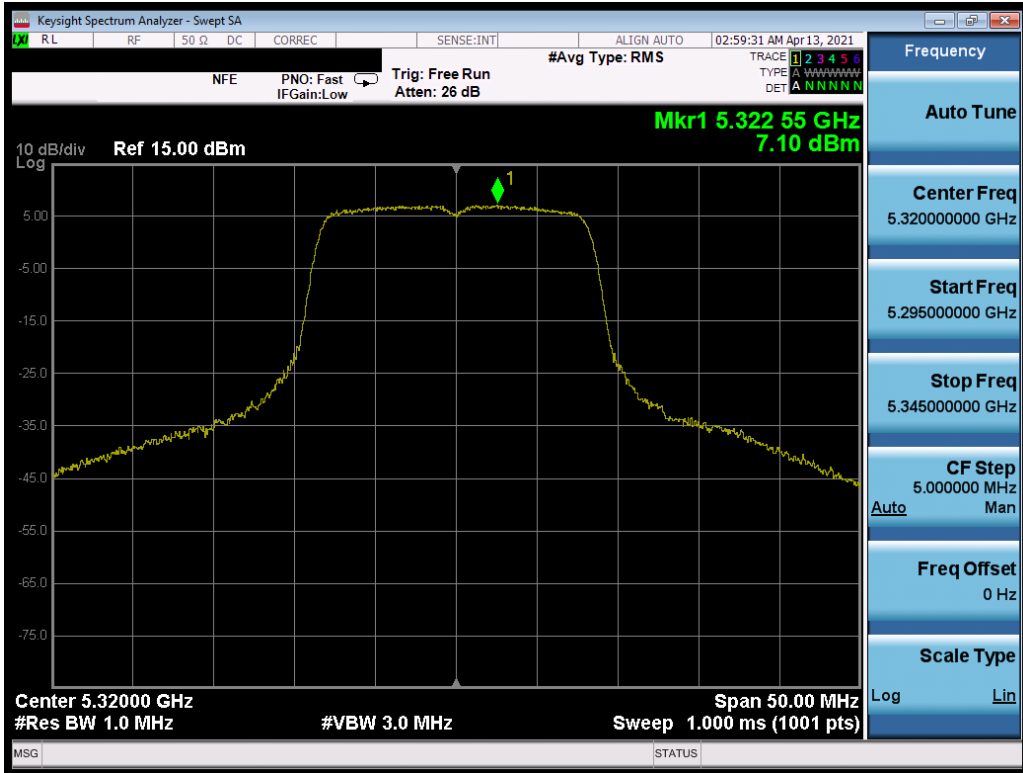


Plot 7-228. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2A) – Ch. 52)

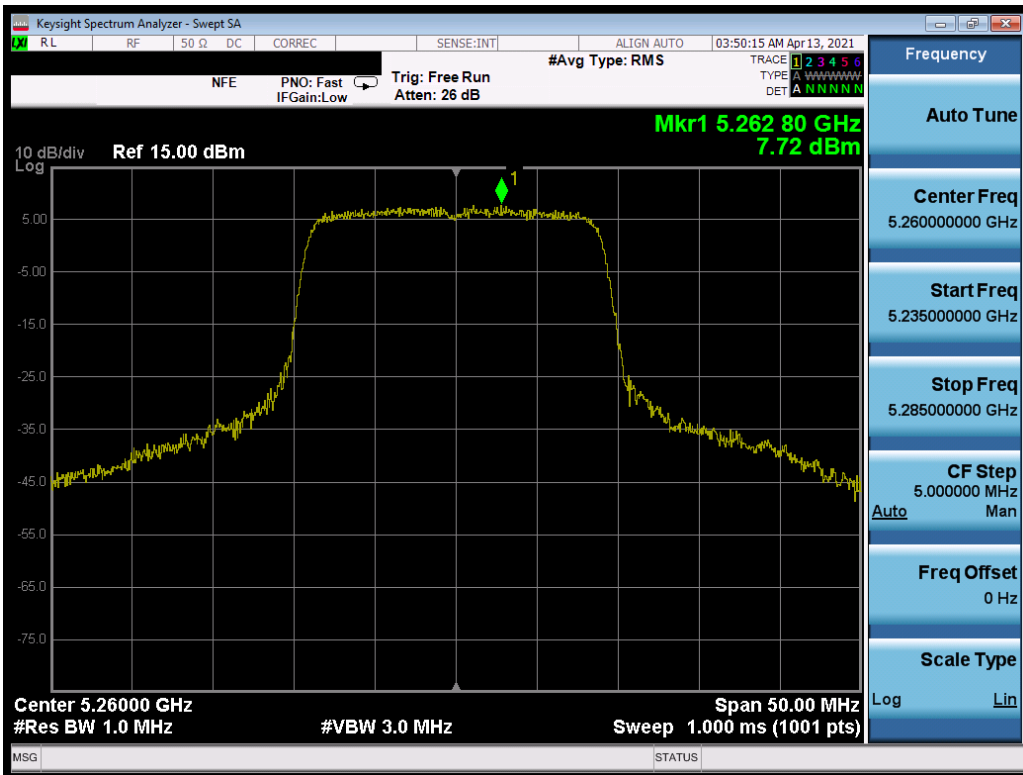


Plot 7-229. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 144 of 309

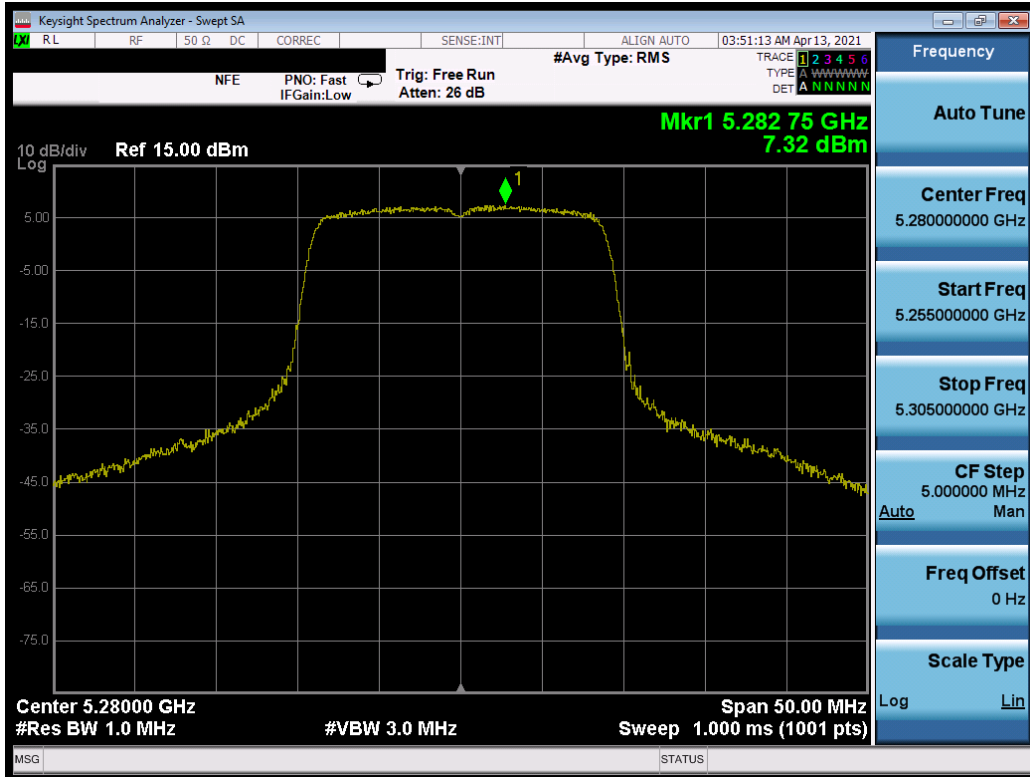


Plot 7-230. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2A) – Ch. 64)

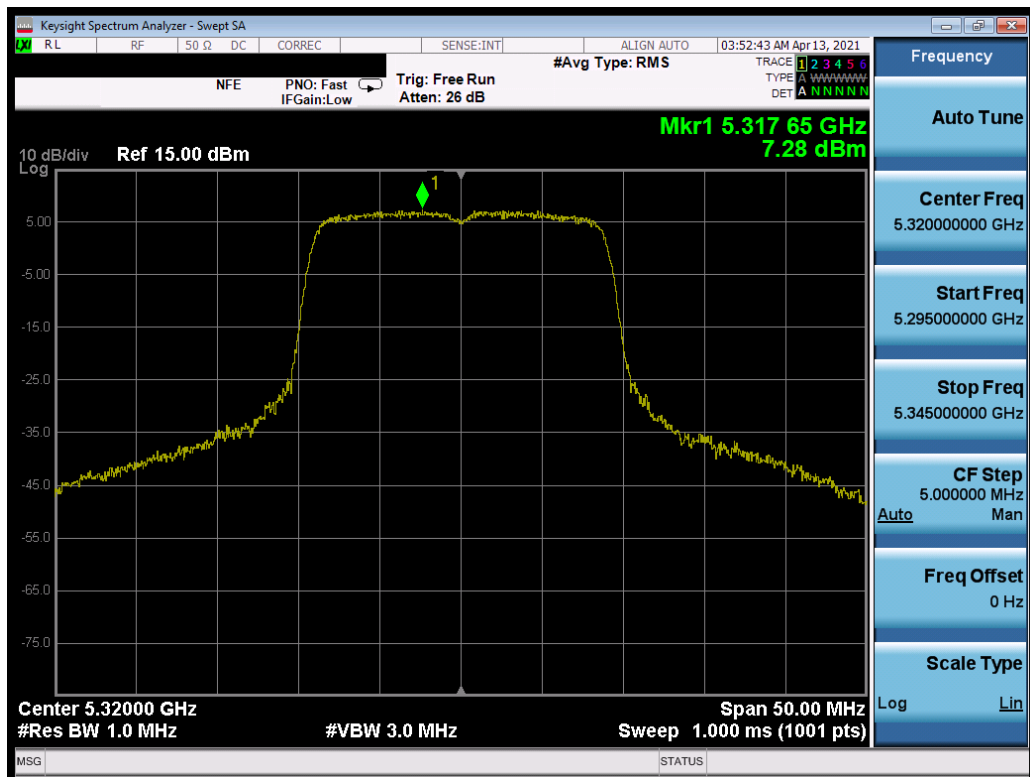


Plot 7-231. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 145 of 309



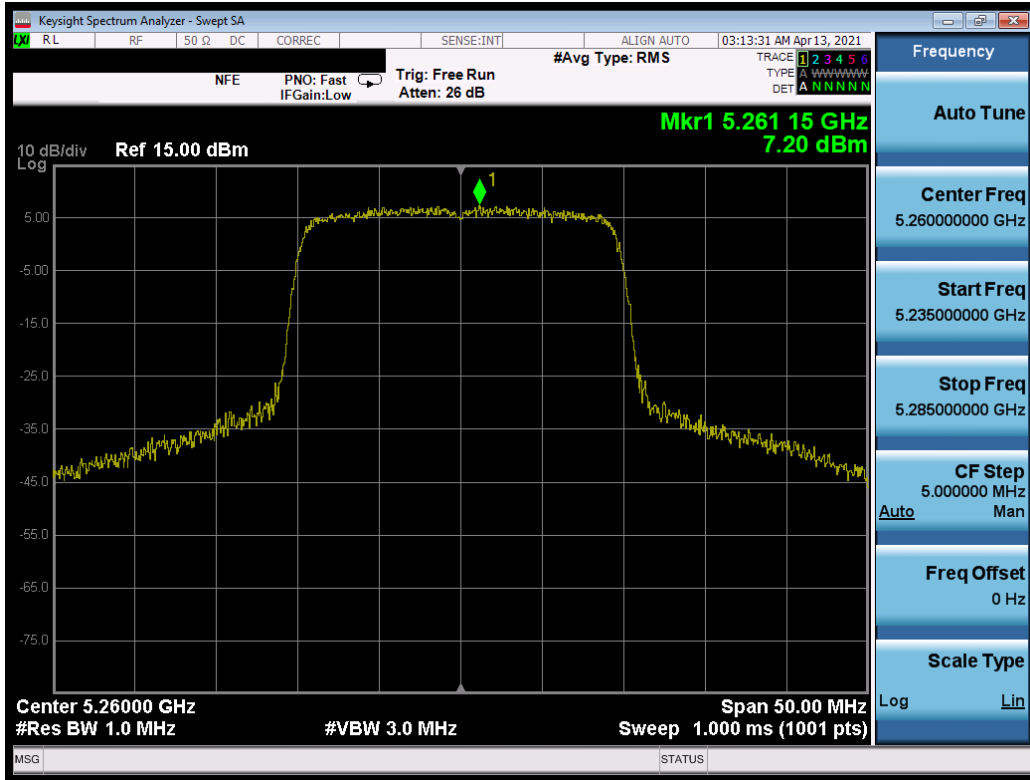
Plot 7-232. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)



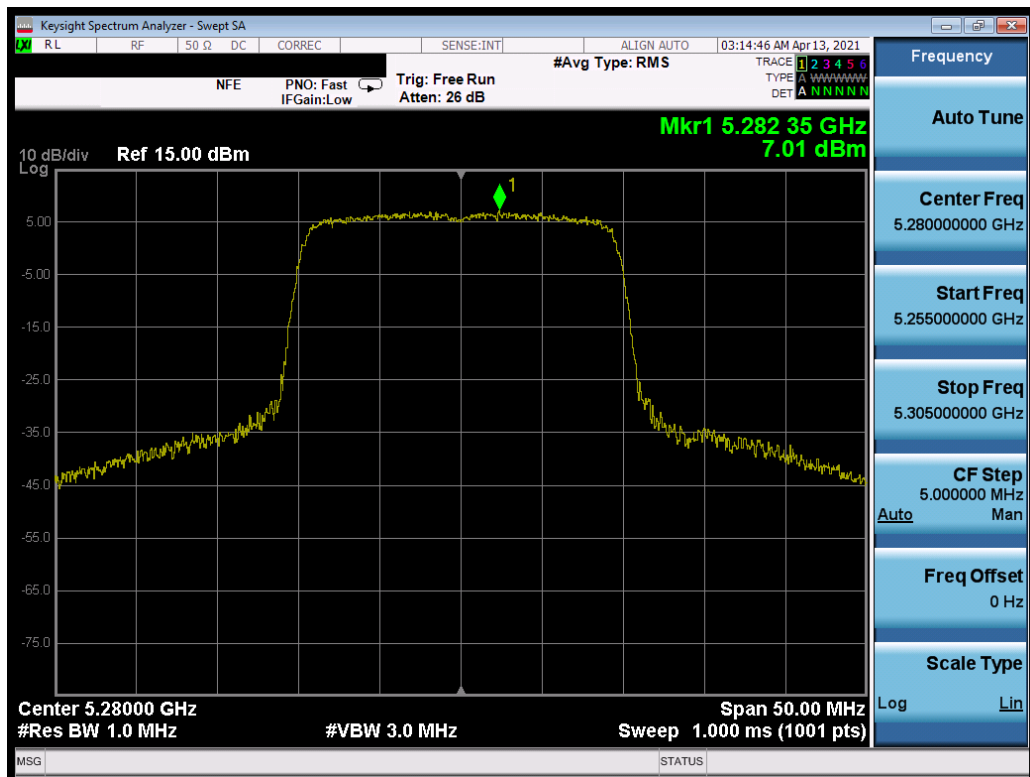
Plot 7-233. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 146 of 309



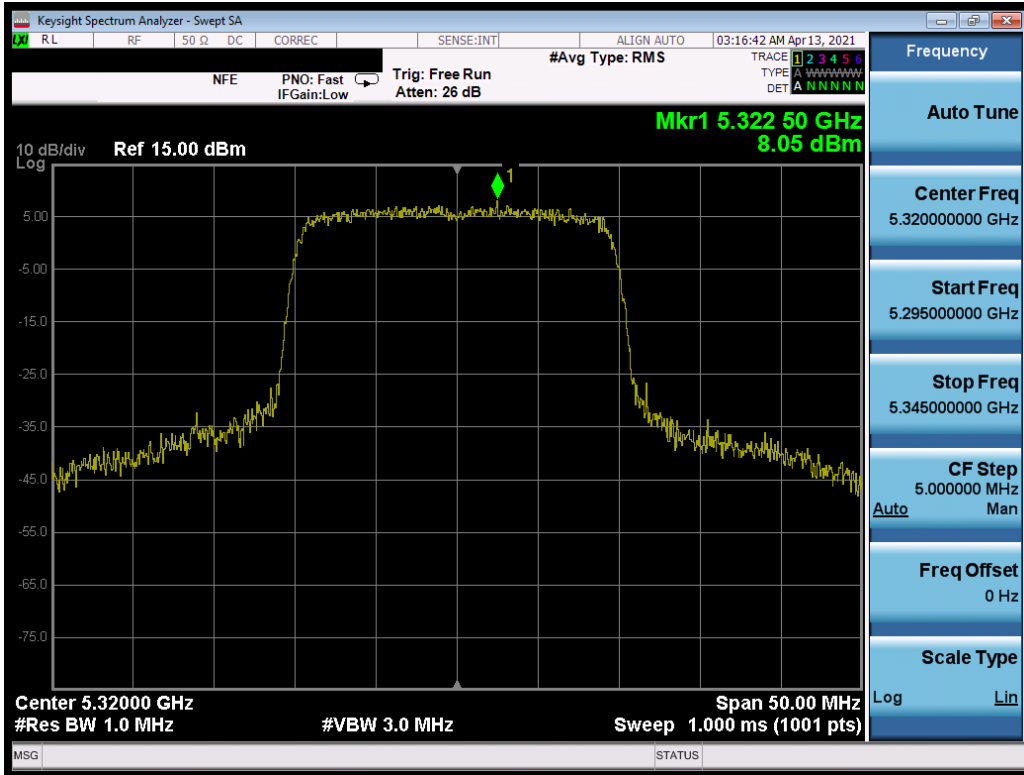


Plot 7-234. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

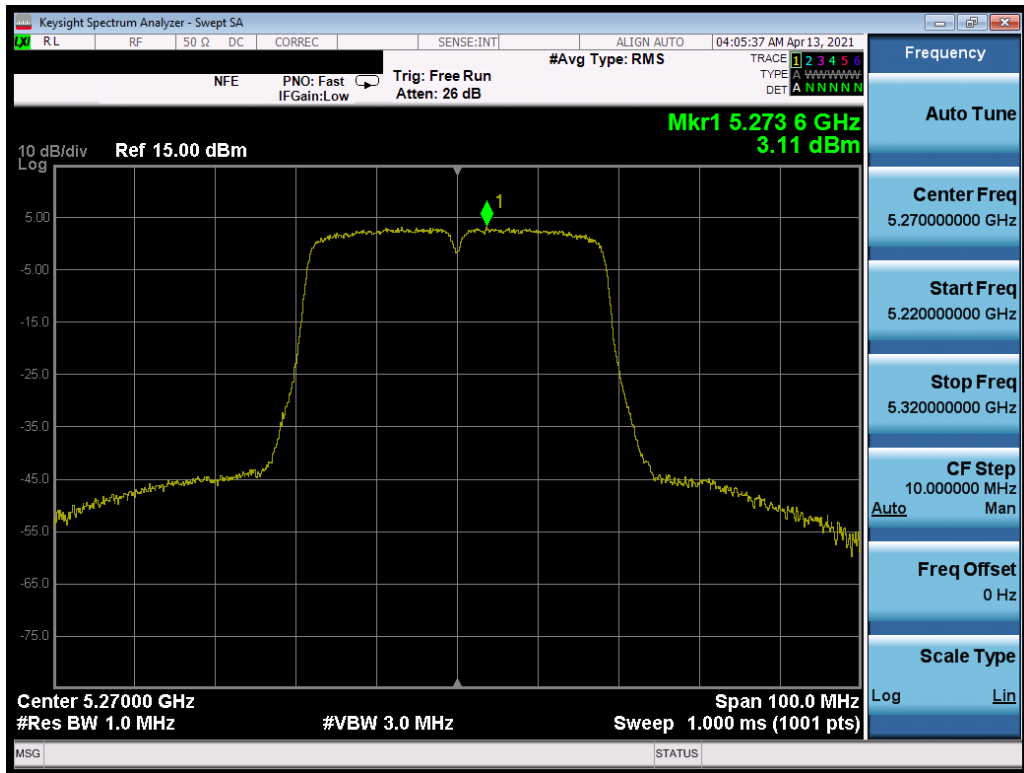


Plot 7-235. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 147 of 309

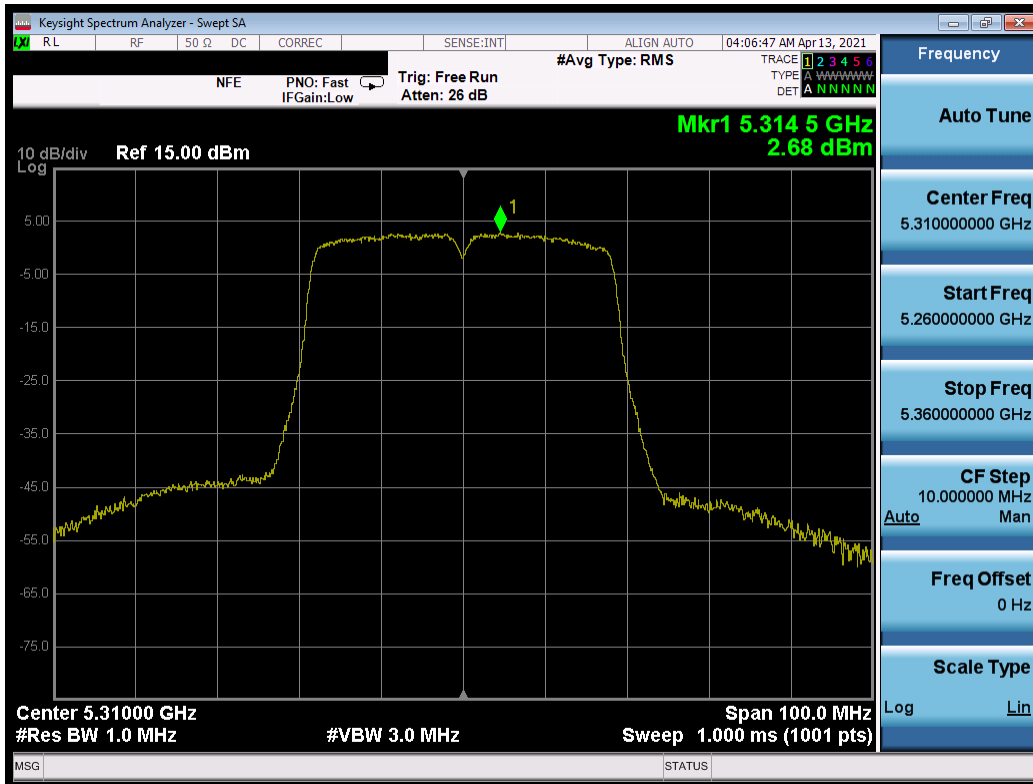


Plot 7-236. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

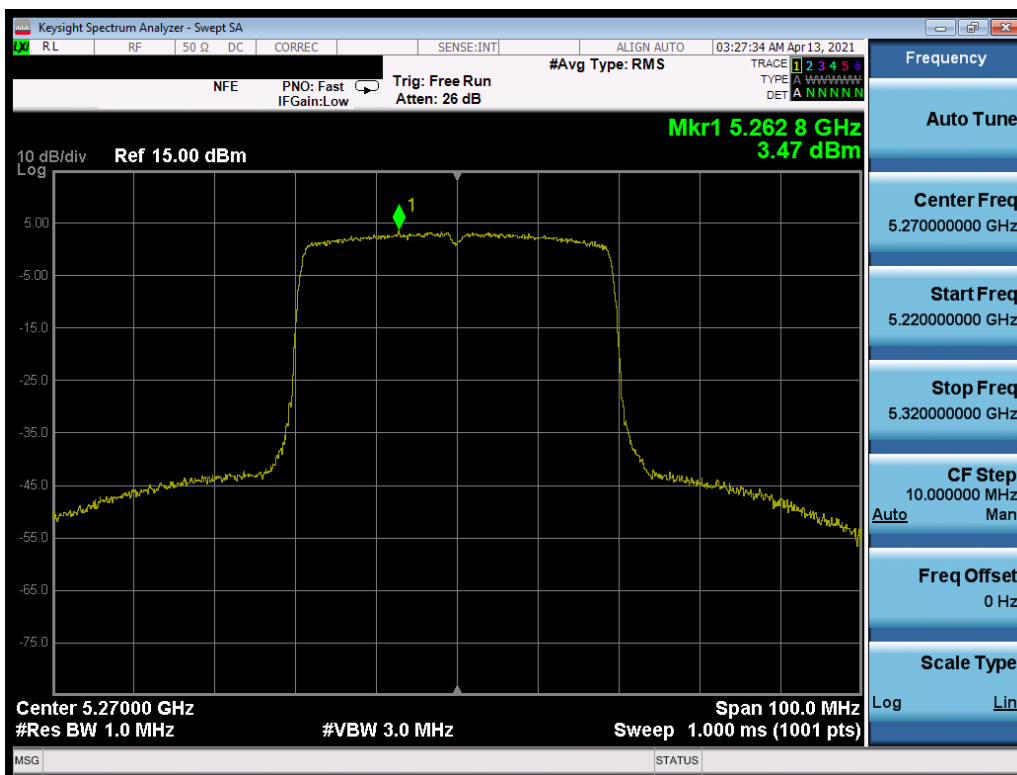


Plot 7-237. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 148 of 309

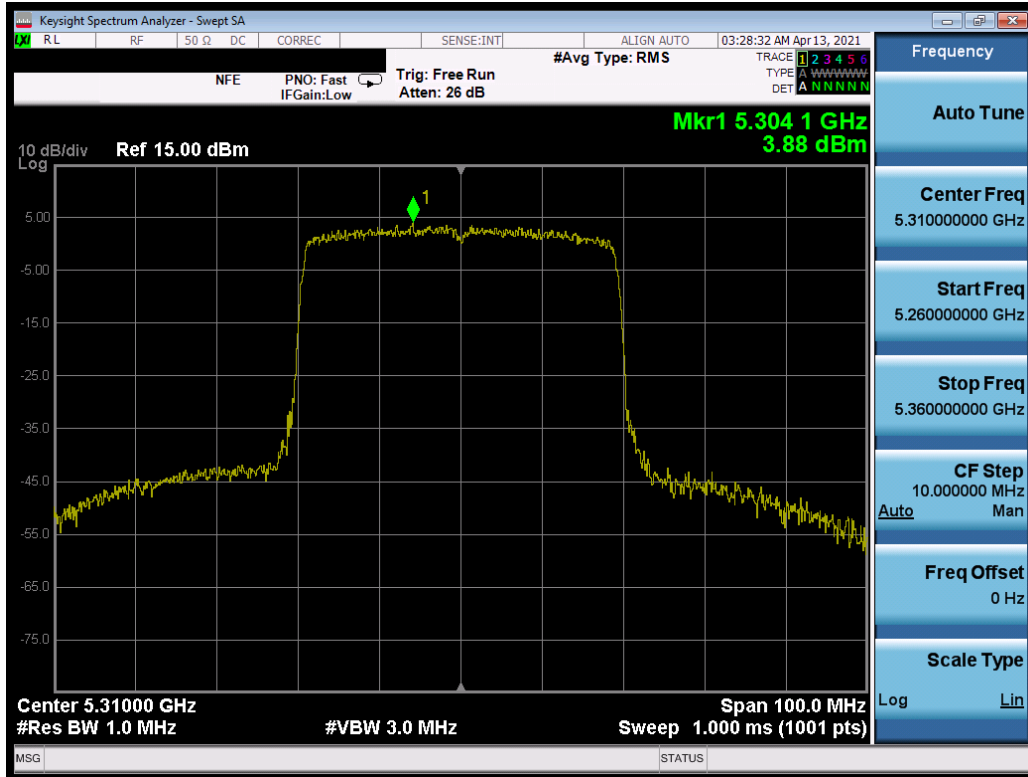


Plot 7-238. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

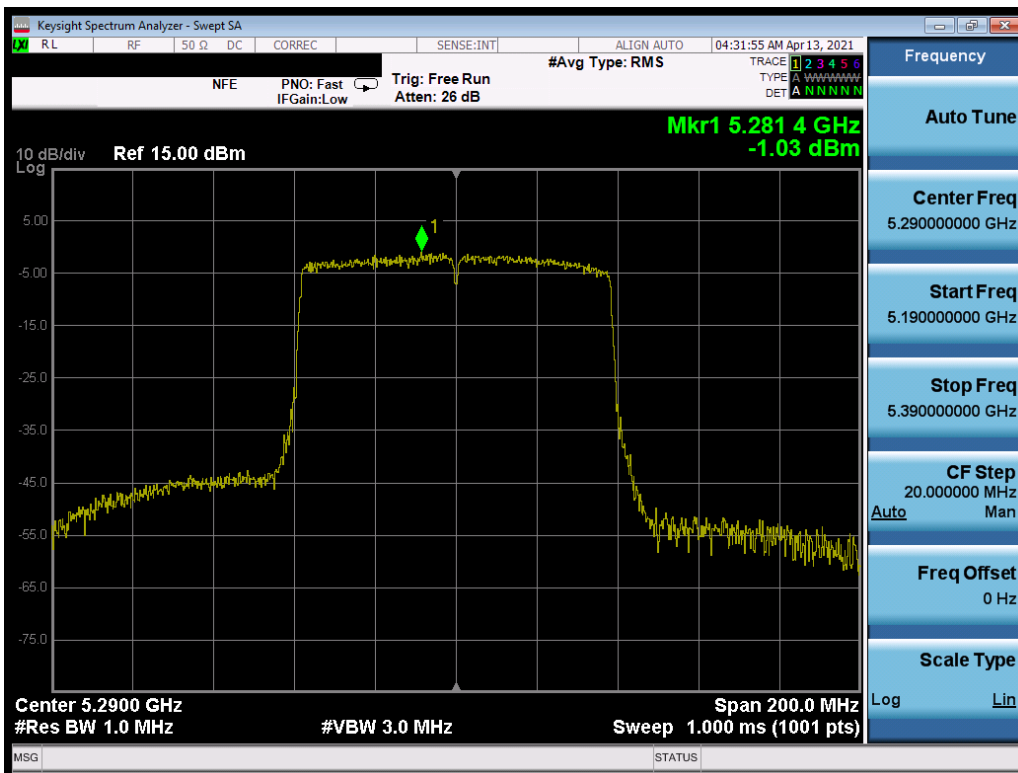


Plot 7-239. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 149 of 309

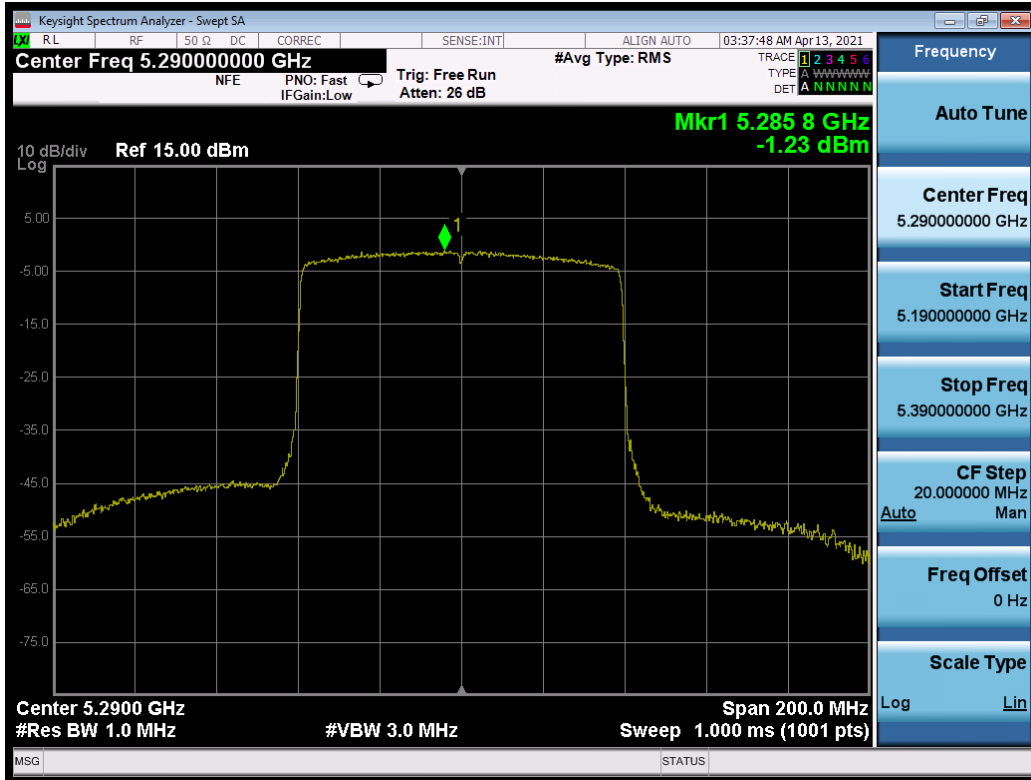


Plot 7-240. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

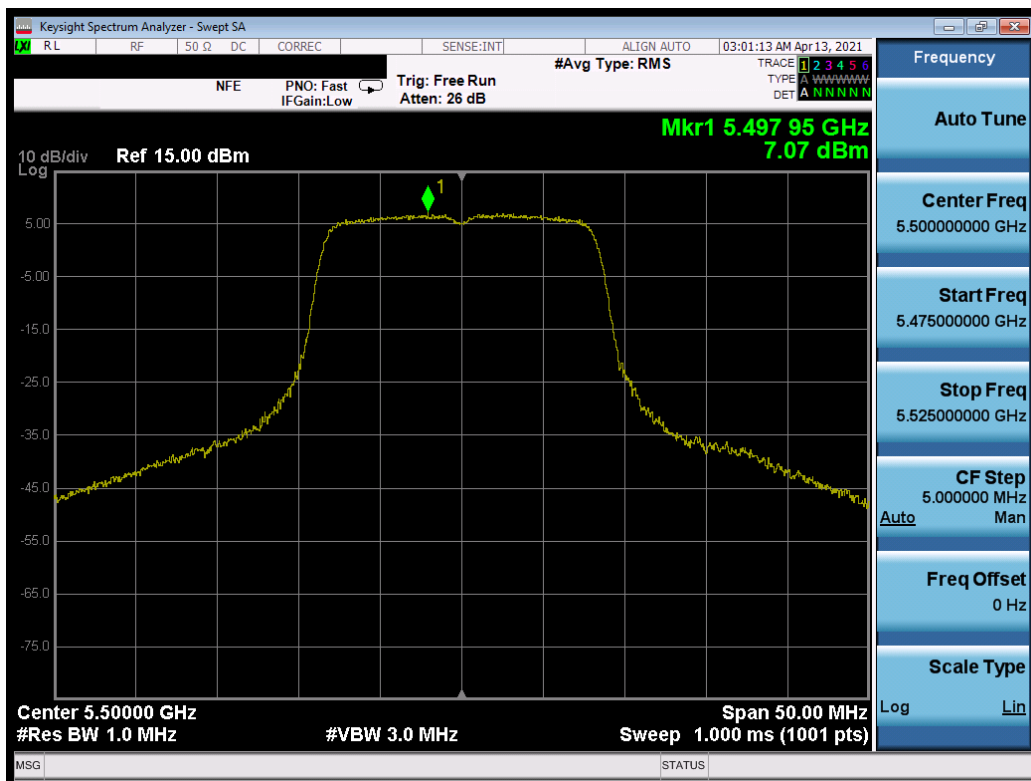


Plot 7-241. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 150 of 309

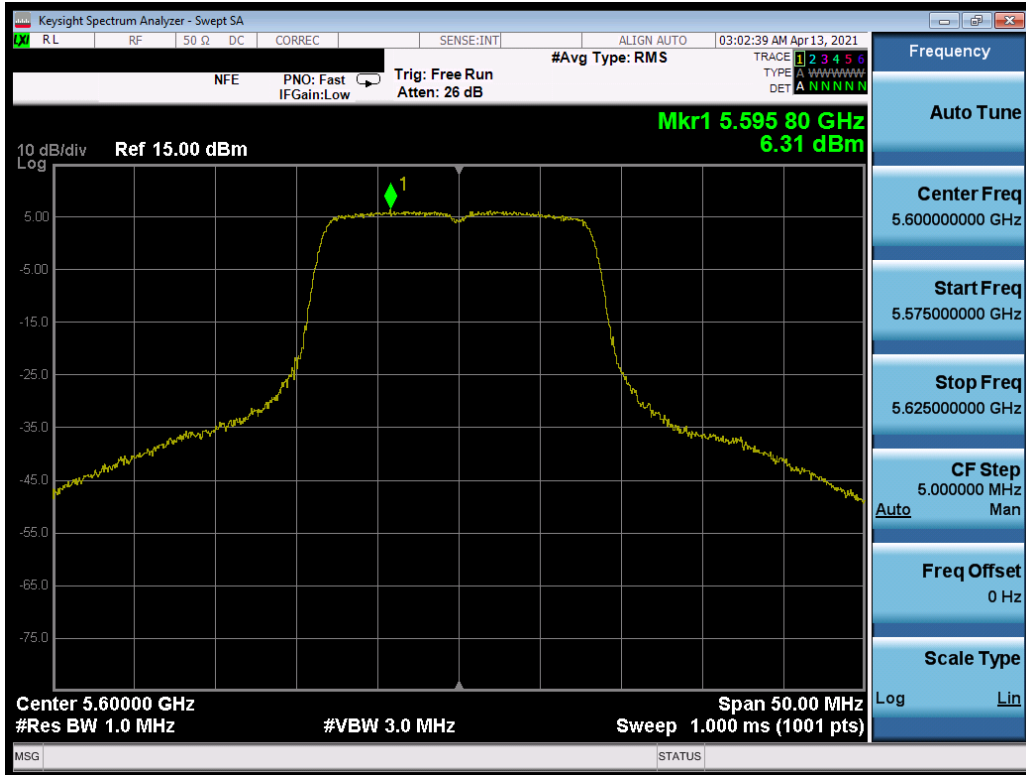


Plot 7-242. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2A )– Ch. 58)

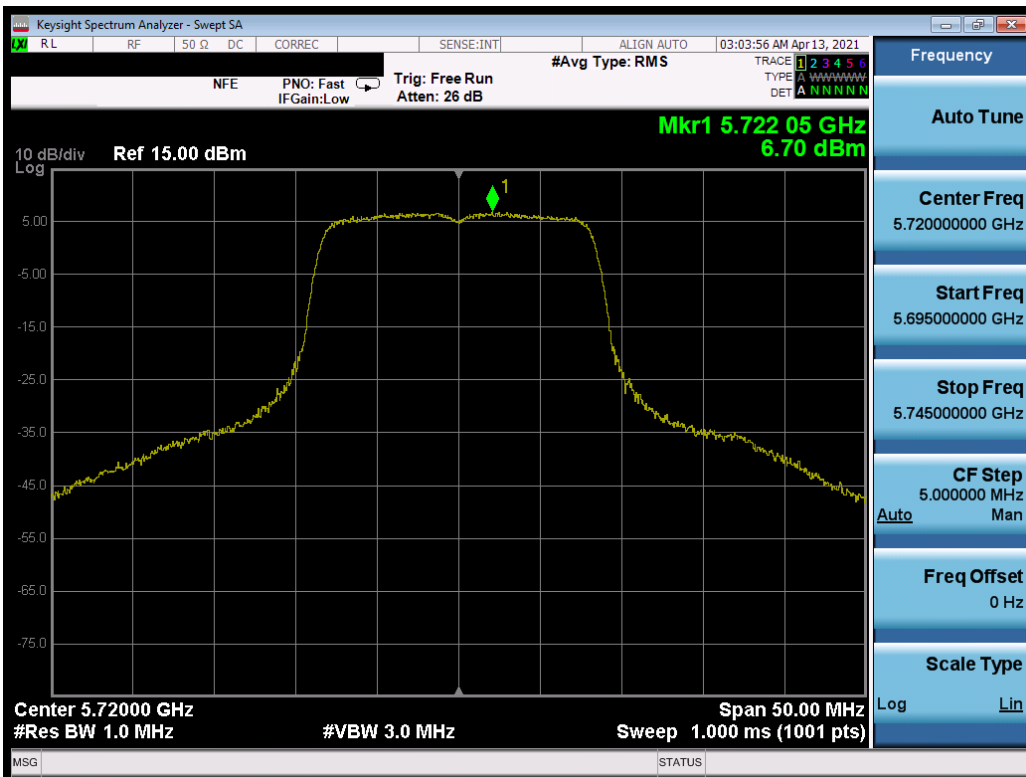


Plot 7-243. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 151 of 309

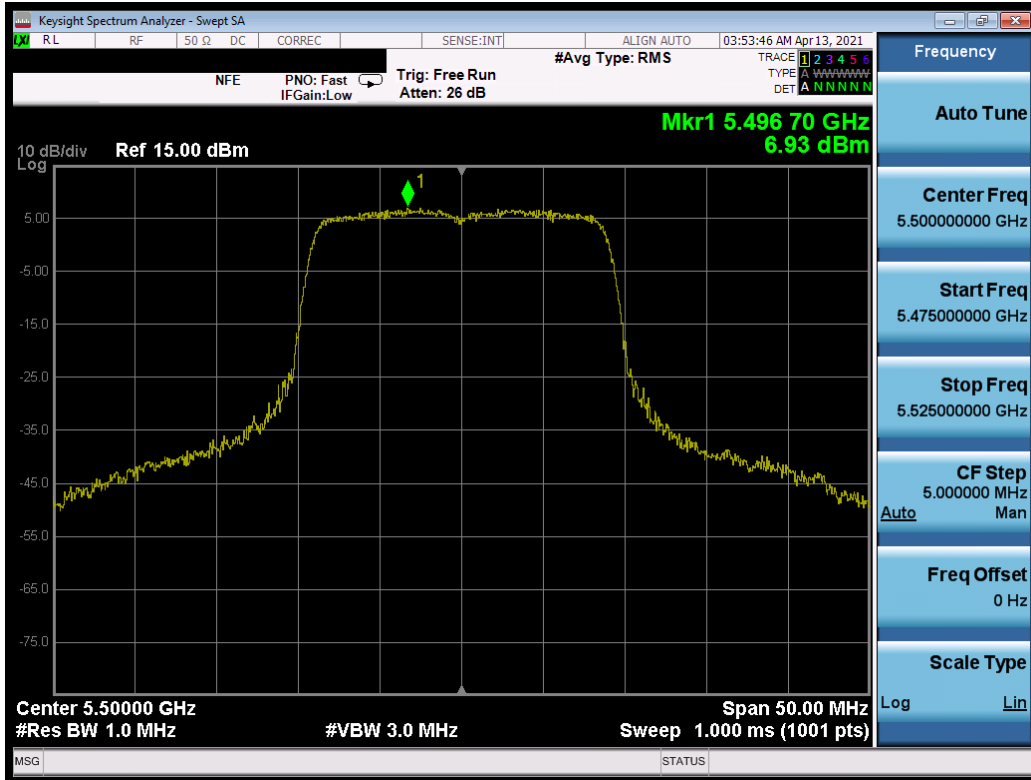


Plot 7-244. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 120)

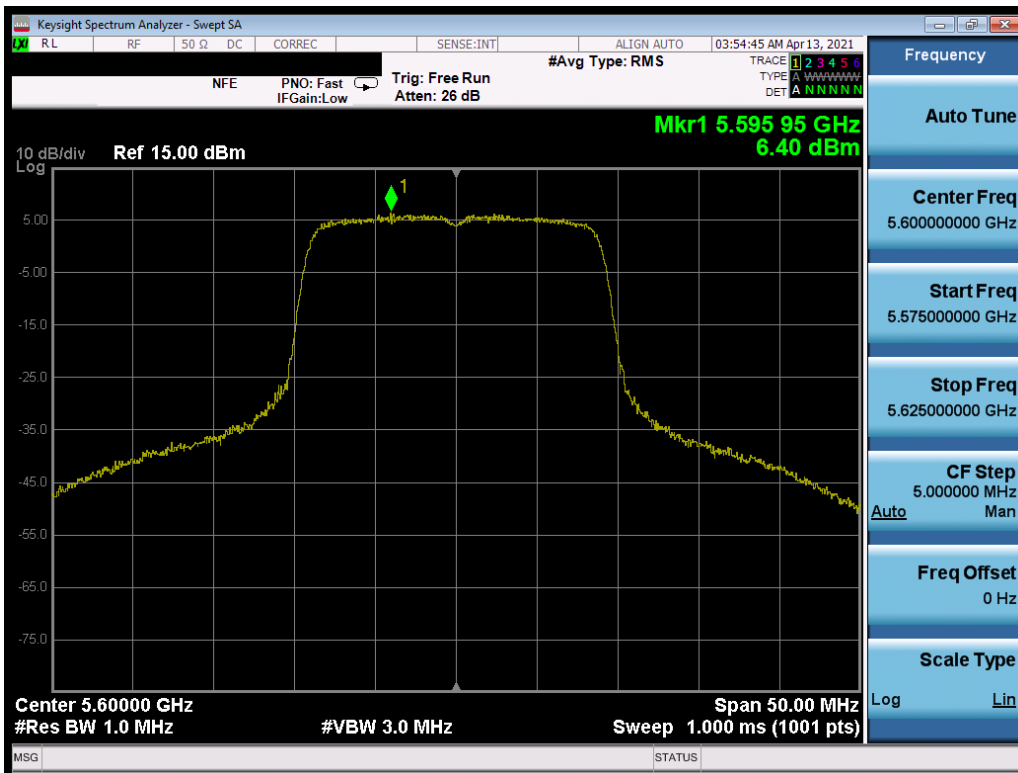


Plot 7-245. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 152 of 309

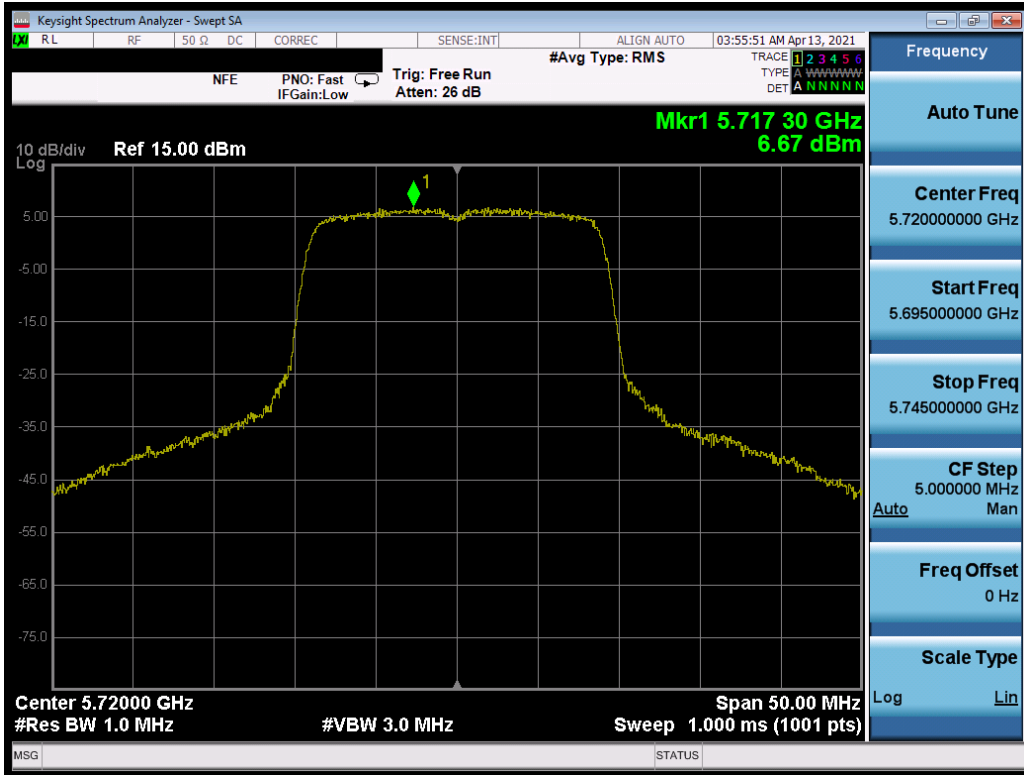


Plot 7-246. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

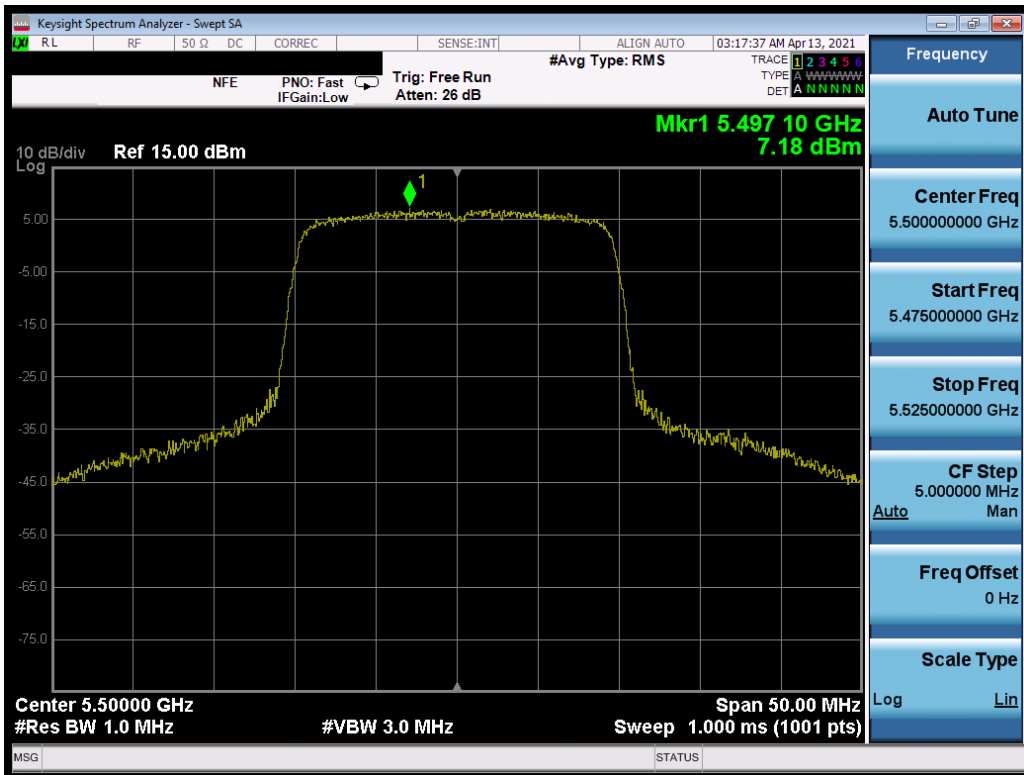


Plot 7-247. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 153 of 309



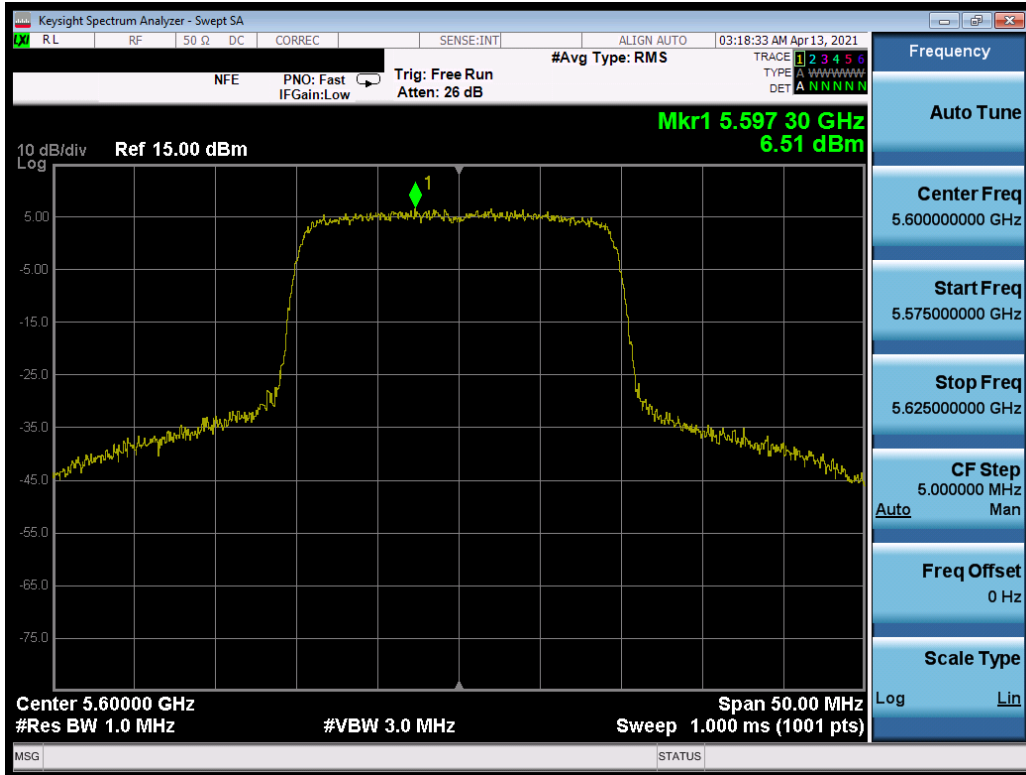
Plot 7-248. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)



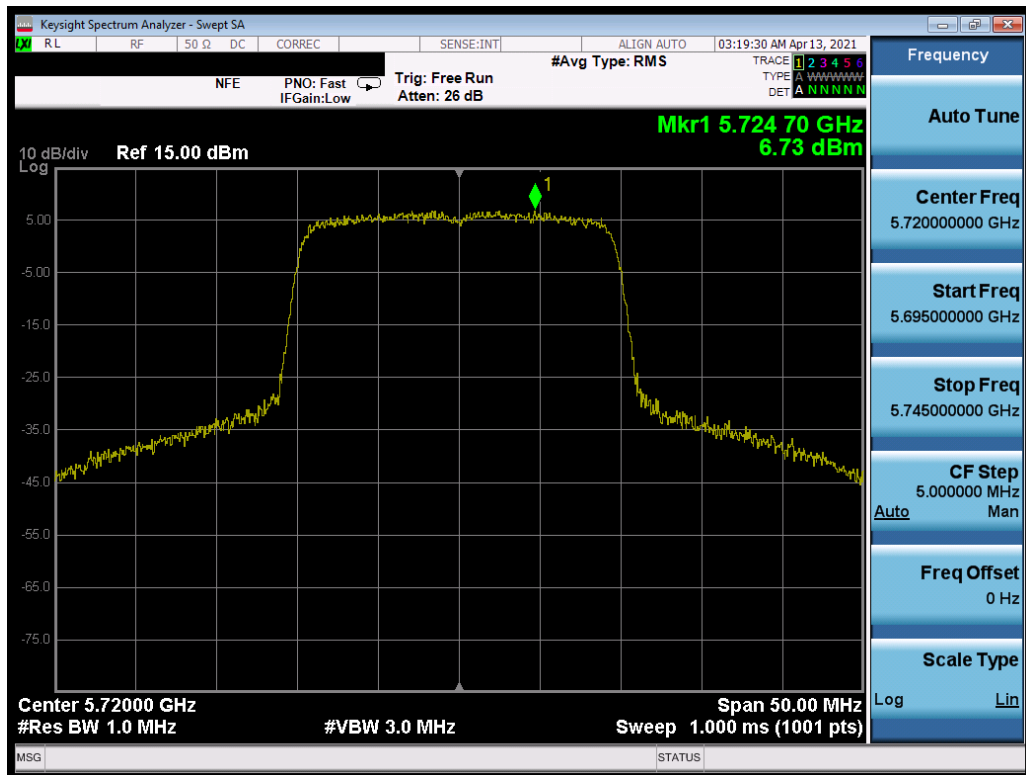
Plot 7-249. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF926JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 154 of 309



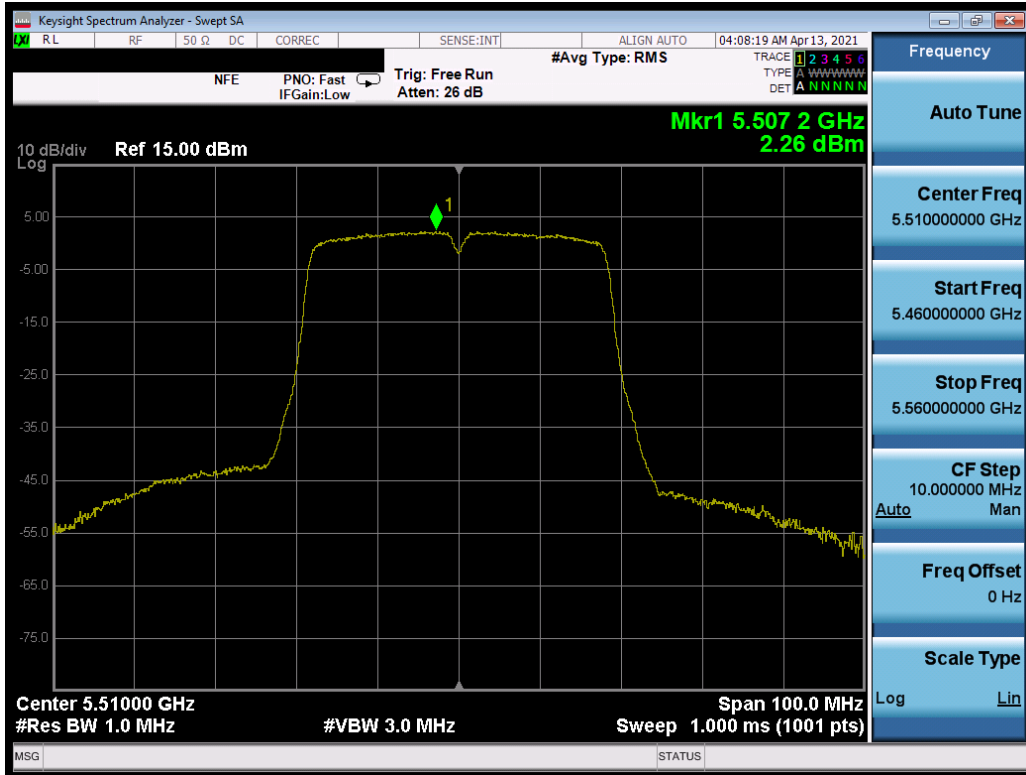


Plot 7-250. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

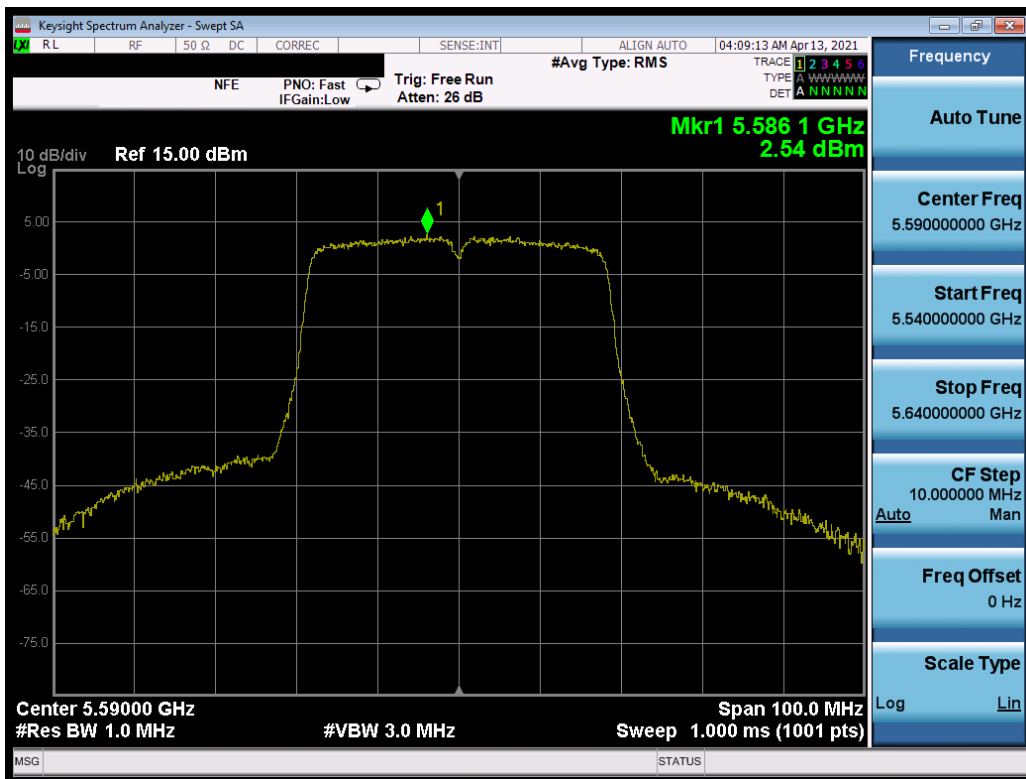


Plot 7-251. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 155 of 309



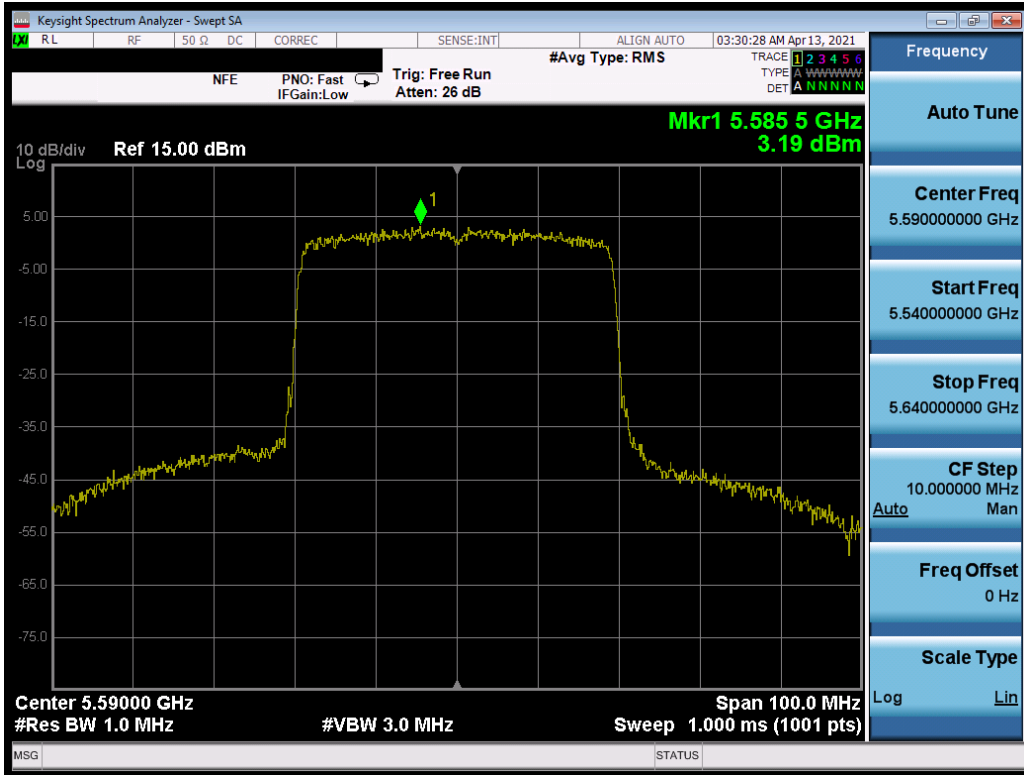
Plot 7-252. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)



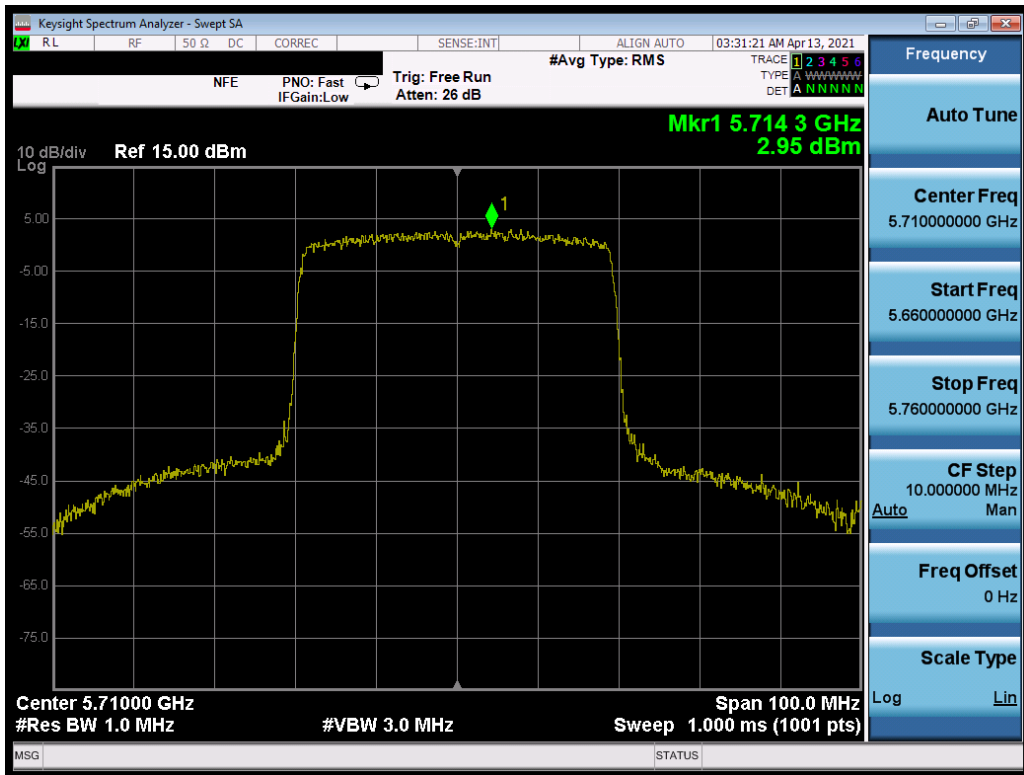
Plot 7-253. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 156 of 309



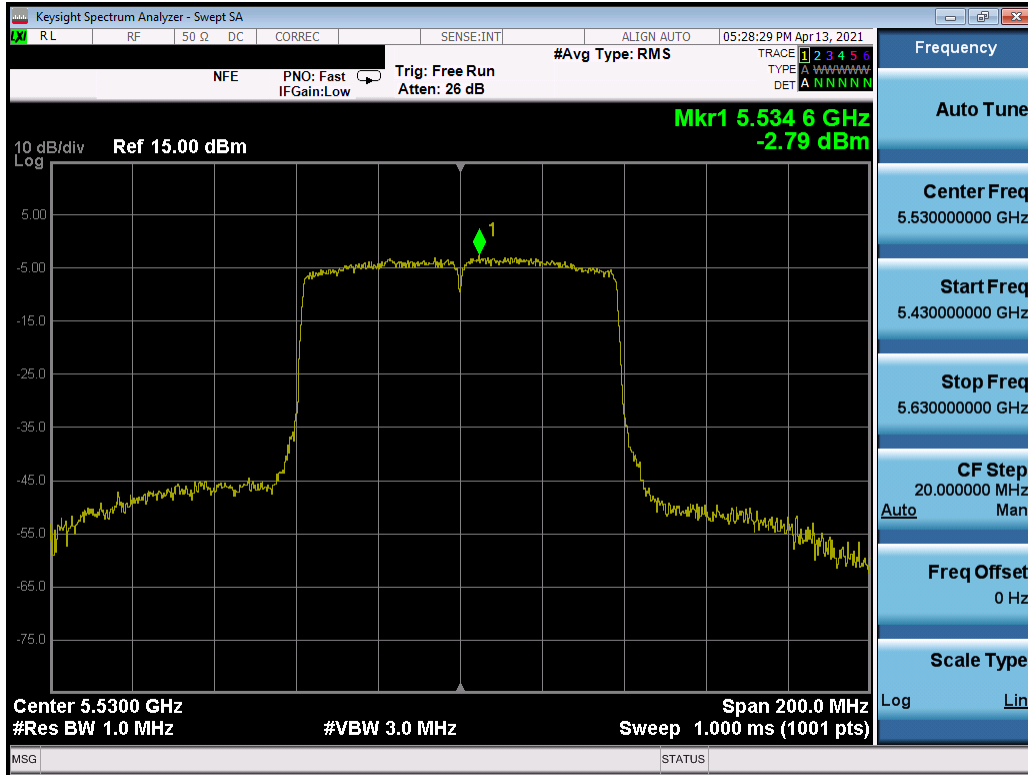


Plot 7-256. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

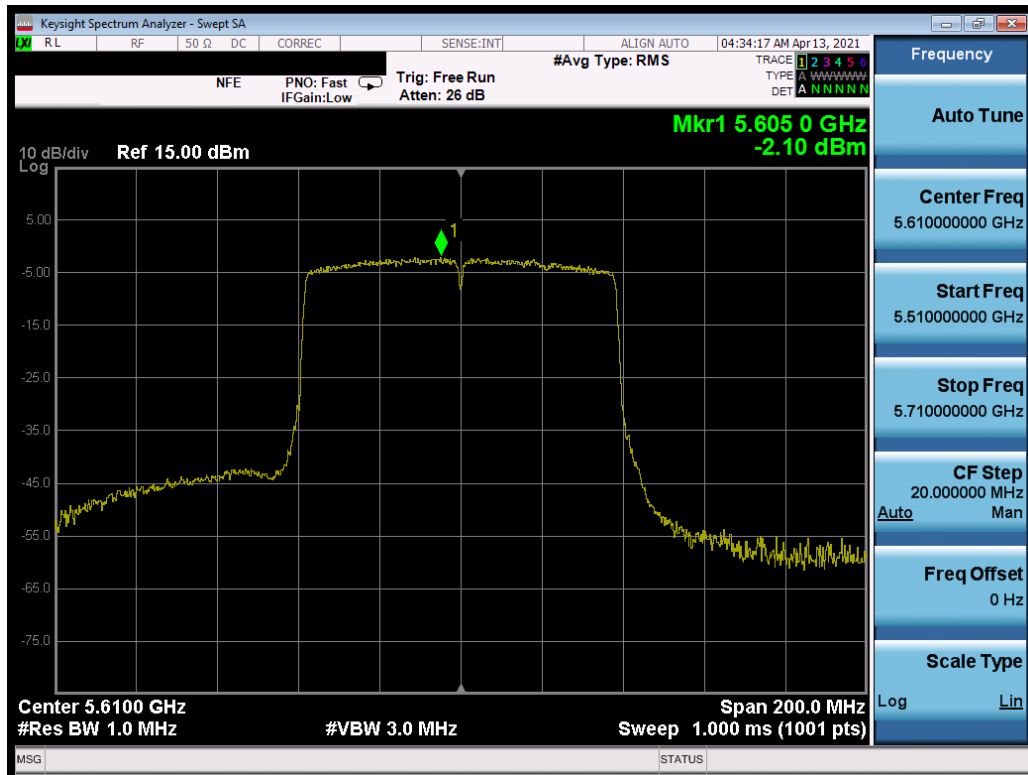


Plot 7-257. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 158 of 309

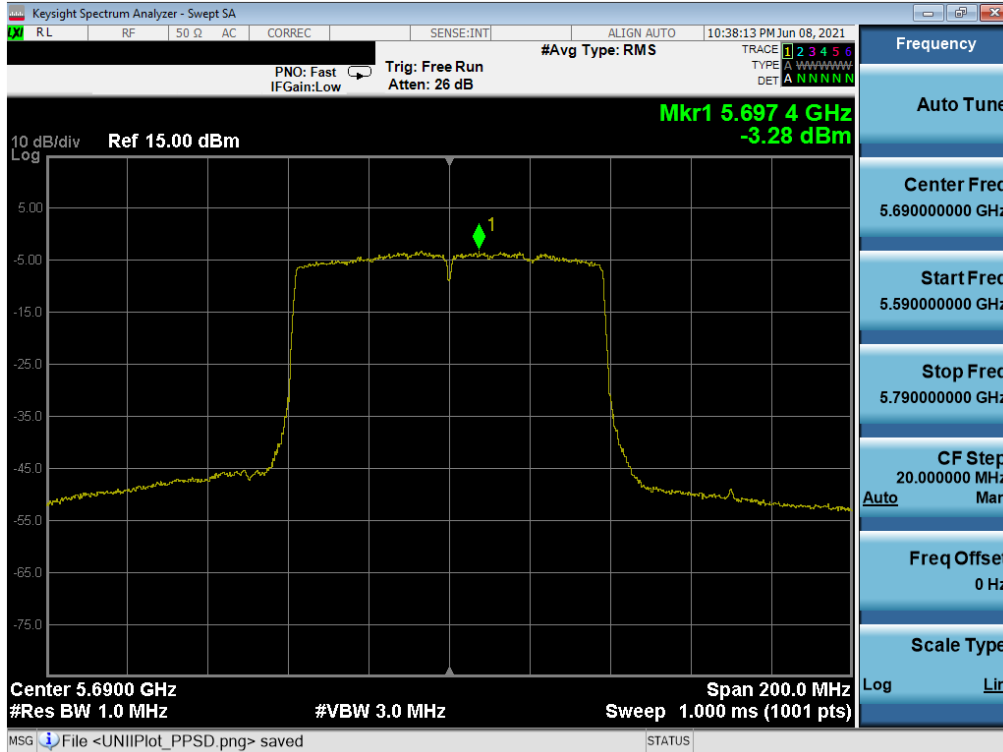


Plot 7-258. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

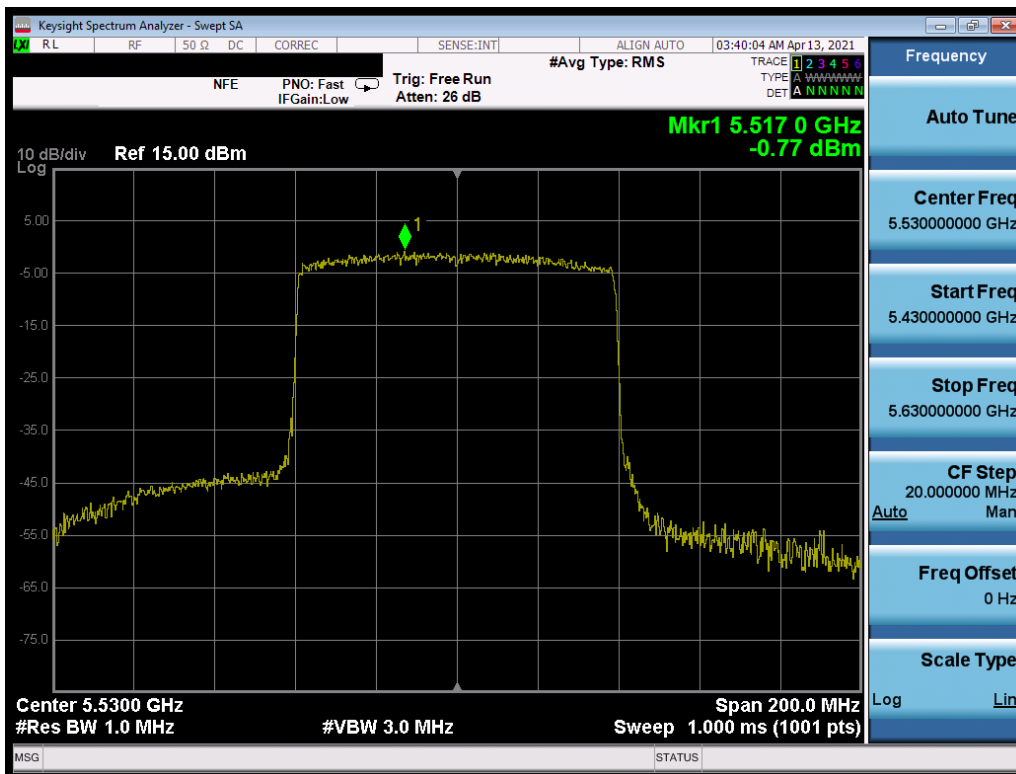


Plot 7-259. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 159 of 309

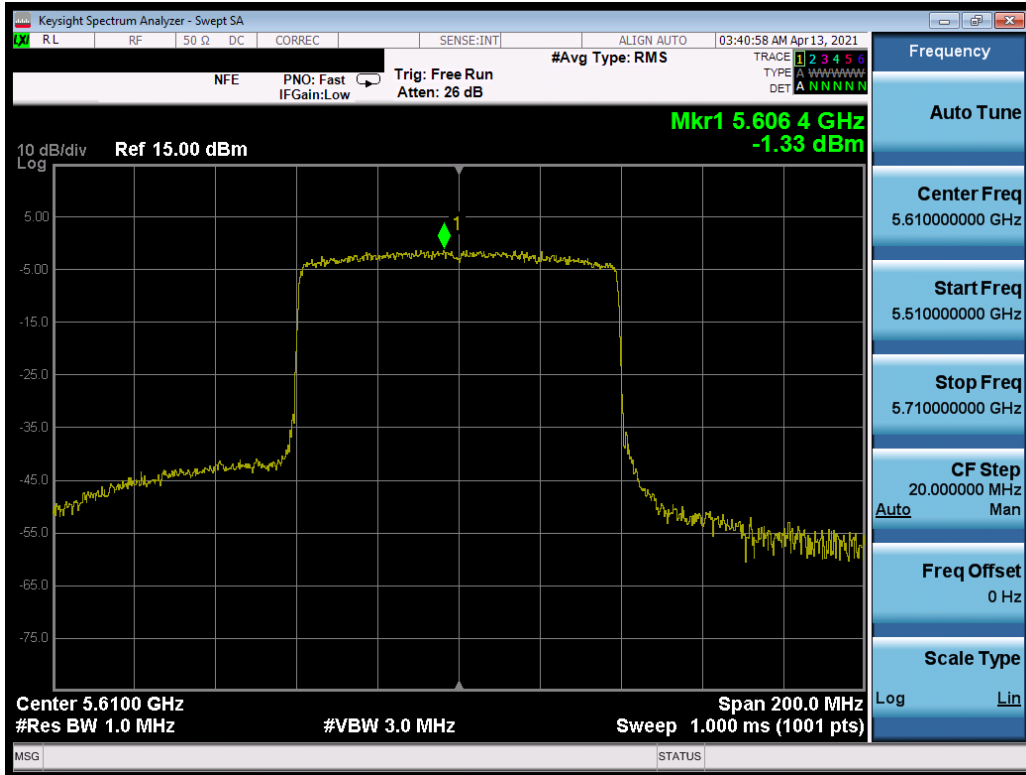


Plot 7-260. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

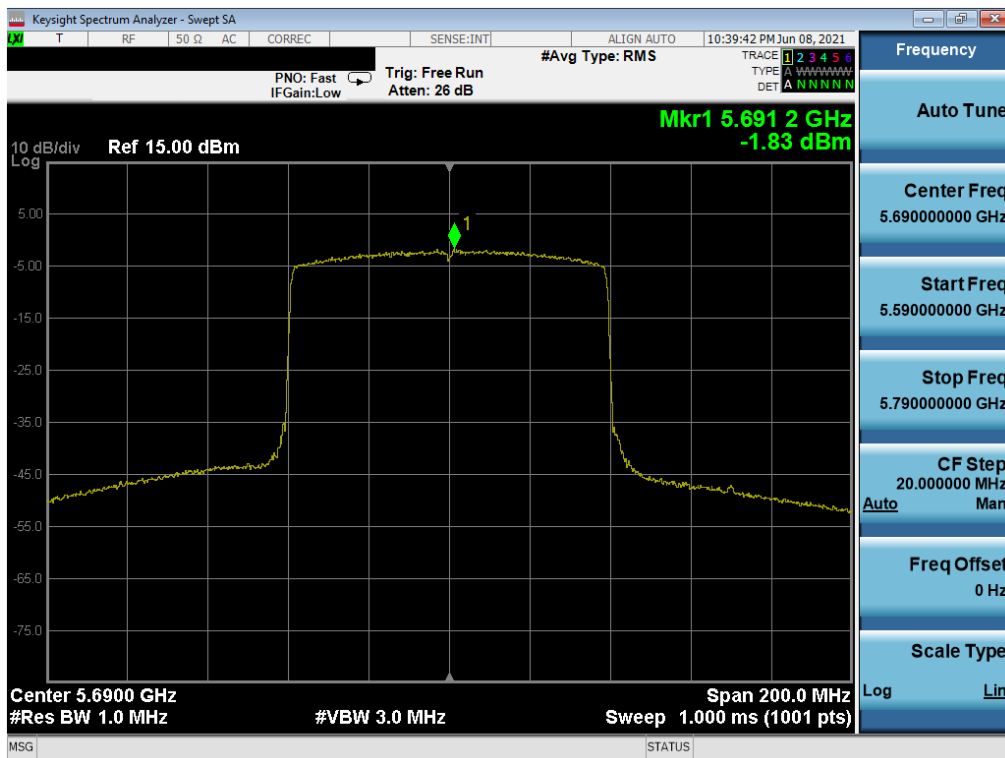


Plot 7-261. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 106)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 160 of 309

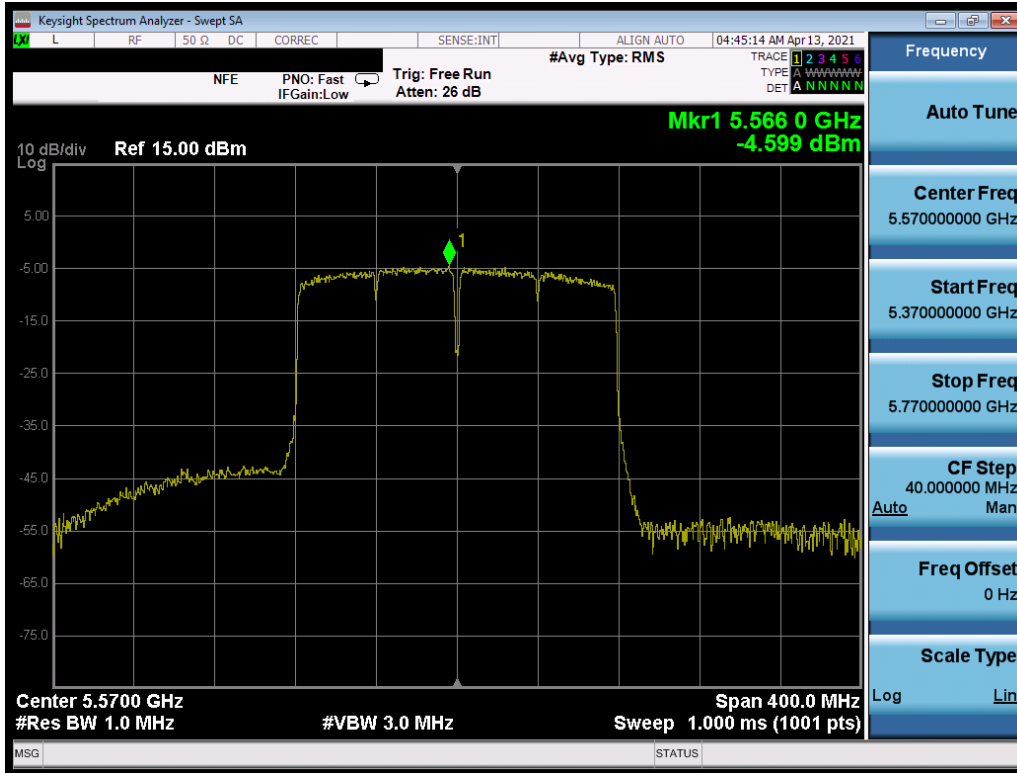


Plot 7-262. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 122)

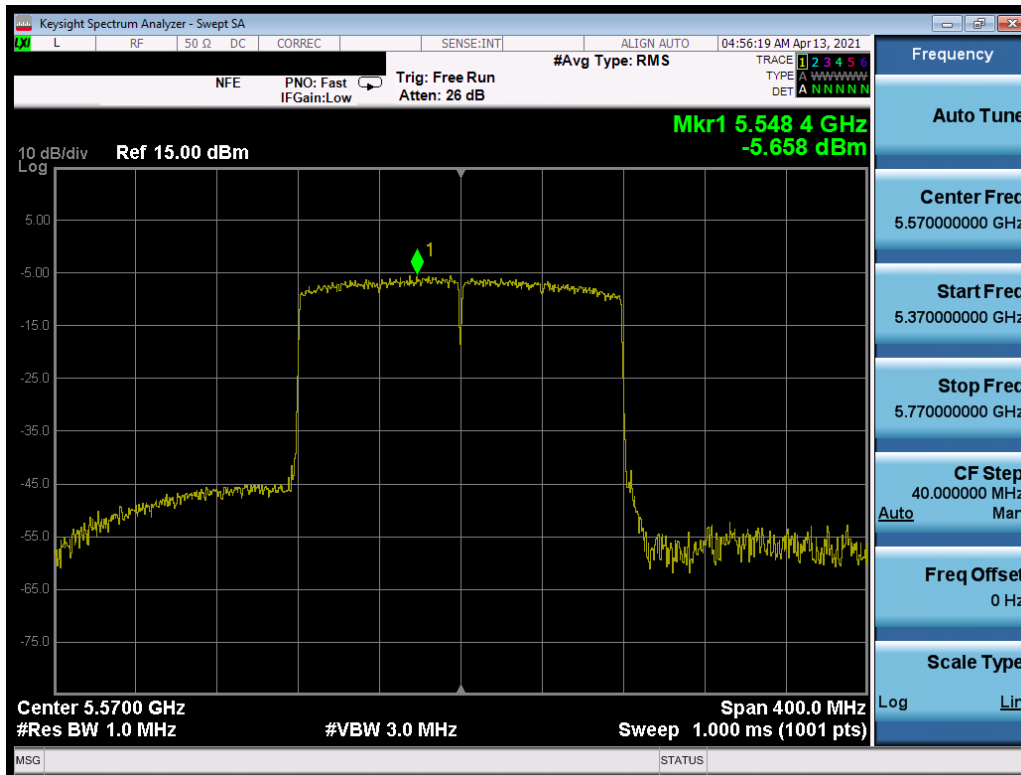


Plot 7-263. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 161 of 309



Plot 7-264. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ac (UNII Band 2C) – Ch. 114)



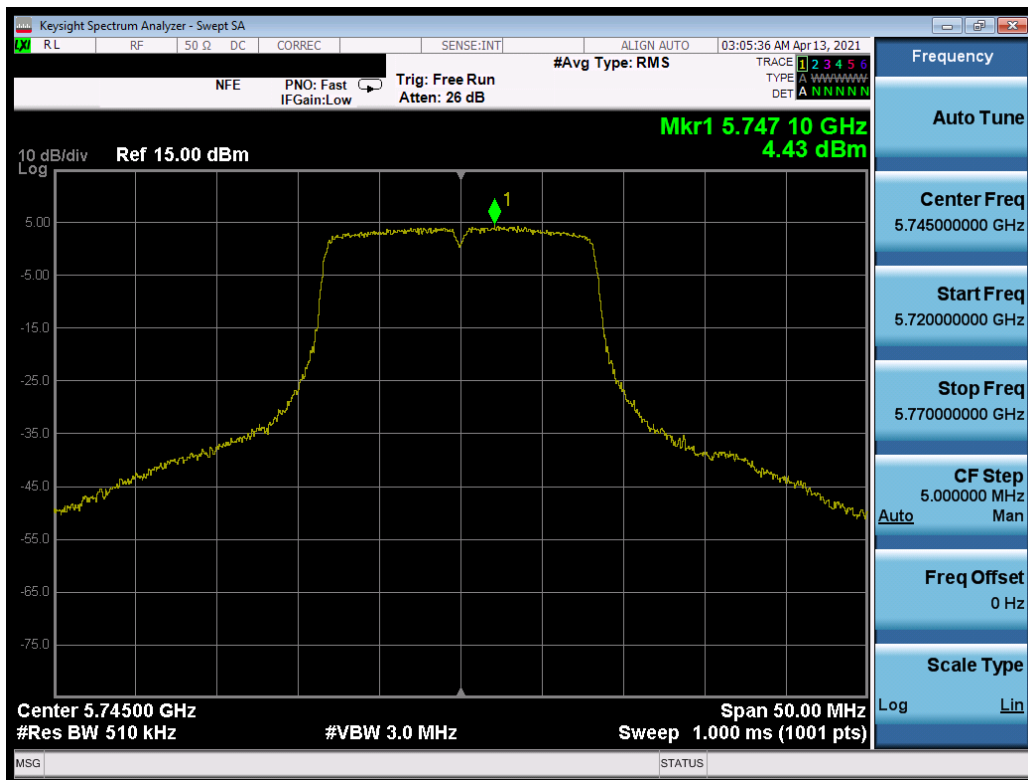
Plot 7-265. Power Spectral Density Plot SISO ANT1 (160MHz BW 802.11ax (UNII Band 2C) – Ch. 114)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 162 of 309



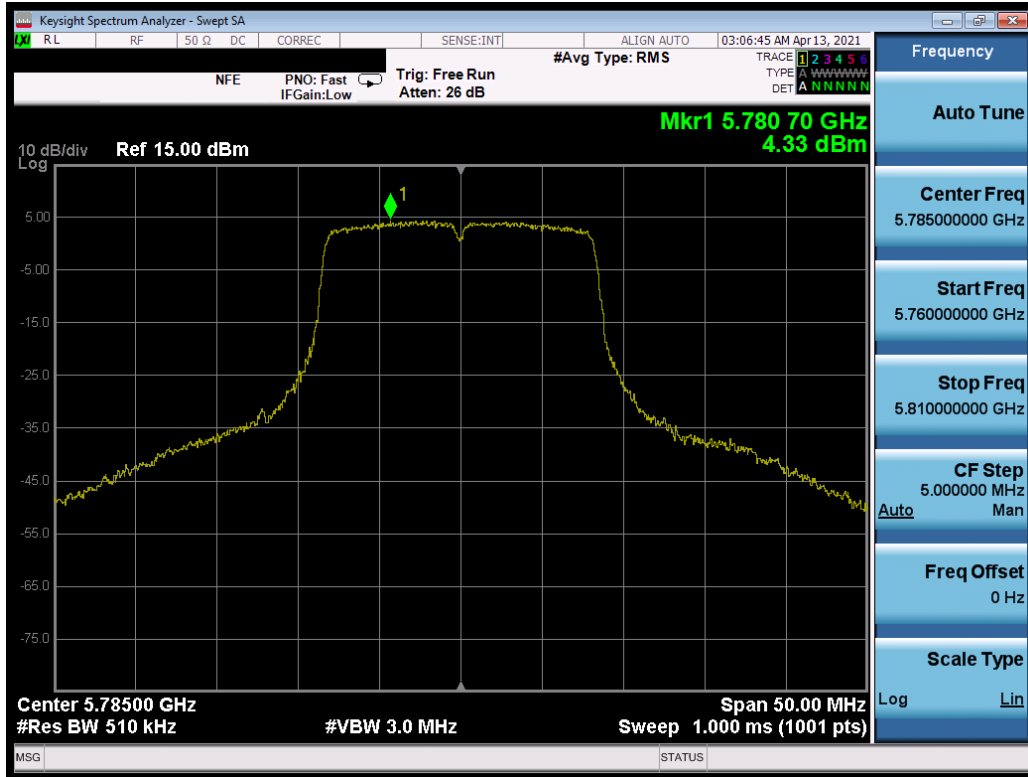
Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density	Margin [dB]
5745	149	a	6	4.43	30.0	-25.57
5785	157	a	6	4.33	30.0	-25.67
5825	165	a	6	3.84	30.0	-26.16
5745	149	n (20MHz)	6.5/7.2 (MCS0)	4.30	30.0	-25.70
5785	157	n (20MHz)	6.5/7.2 (MCS0)	4.41	30.0	-25.59
5825	165	n (20MHz)	6.5/7.2 (MCS0)	3.74	30.0	-26.26
5745	149	ax (20MHz)	6.5/7.2 (MCS0)	4.75	30.0	-25.25
5785	157	ax (20MHz)	6.5/7.2 (MCS0)	3.93	30.0	-26.07
5825	165	ax (20MHz)	6.5/7.2 (MCS0)	3.80	30.0	-26.20
5755	151	n (40MHz)	13.5/15 (MCS0)	0.27	30.0	-29.73
5795	159	n (40MHz)	13.5/15 (MCS0)	0.02	30.0	-29.98
5755	151	ax (40MHz)	13.5/15 (MCS0)	0.89	30.0	-29.11
5795	159	ax (40MHz)	13.5/15 (MCS0)	0.80	30.0	-29.20
5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-3.70	30.0	-33.70
5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-0.78	30.0	-30.78

Table 7-23. Band 3 Conducted Power Spectral Density Measurements SISO ANT1

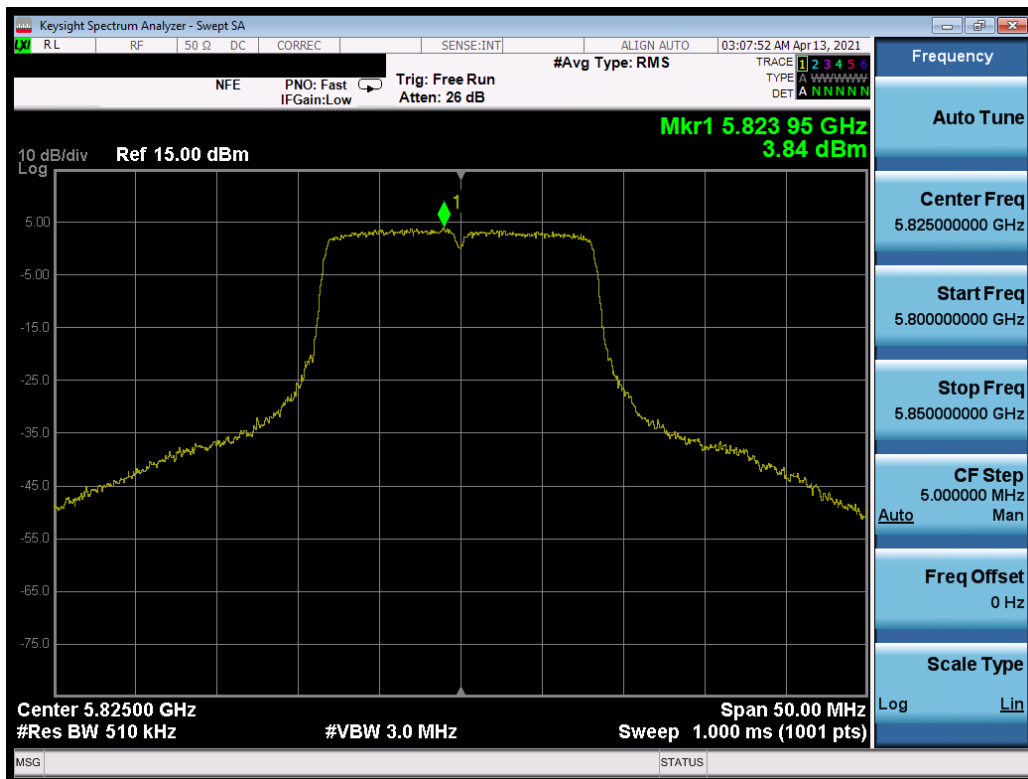


Plot 7-266. Power Spectral Density Plot (802.11a (UNII Band 3) – Ch. 149)

FCC ID: A3LSMF926JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 163 of 309

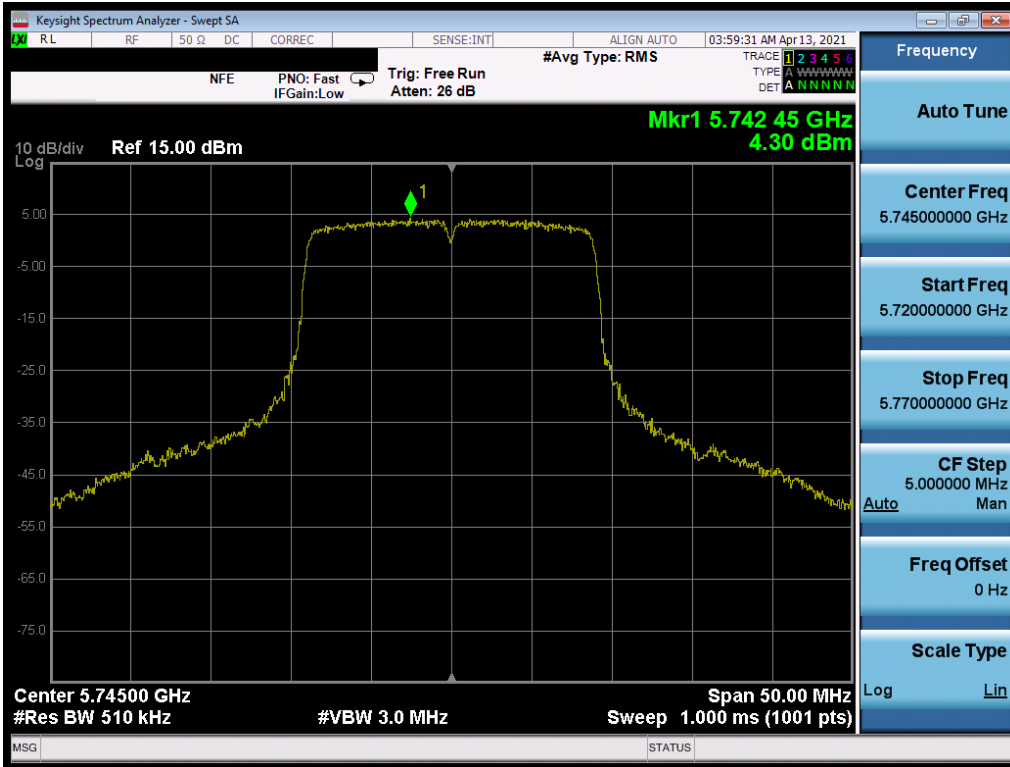


Plot 7-267. Power Spectral Density Plot (802.11a (UNII Band 3) – Ch. 157)

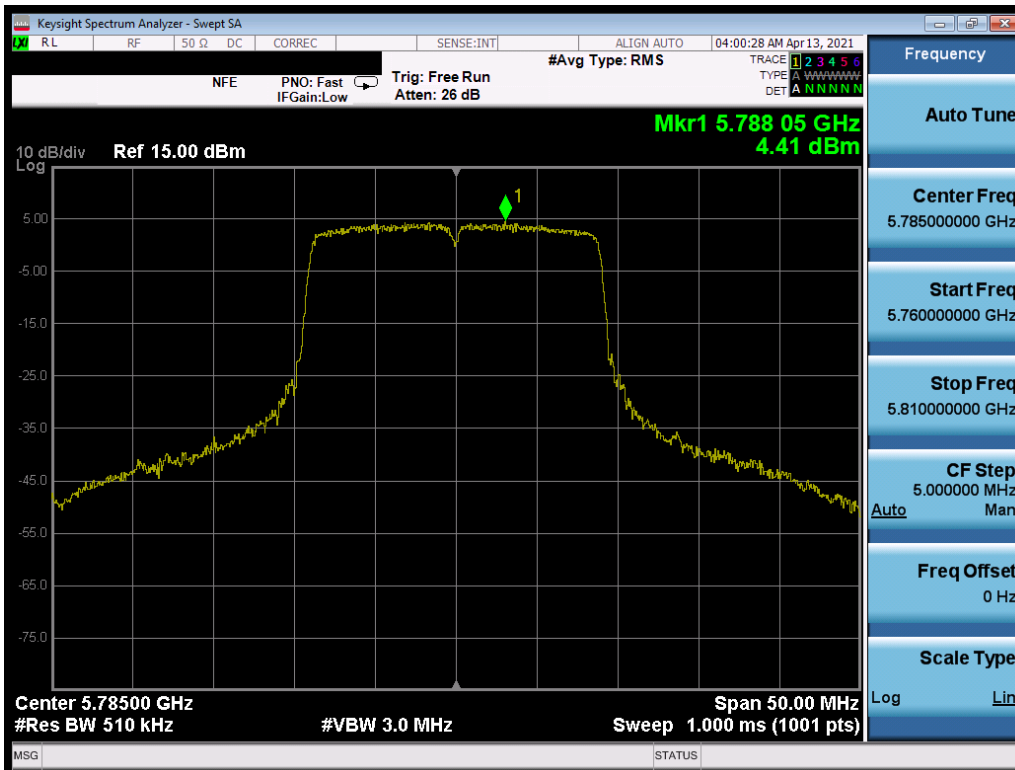


Plot 7-268. Power Spectral Density Plot (802.11a (UNII Band 3) – Ch. 165)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 164 of 309

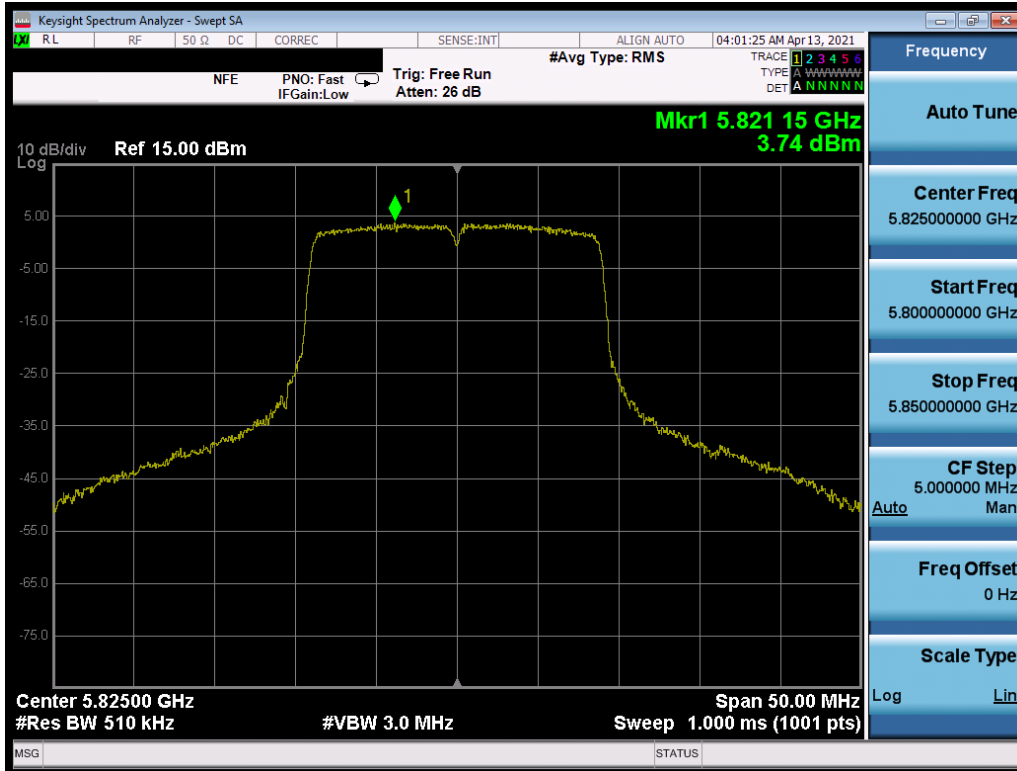


Plot 7-269. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 149)

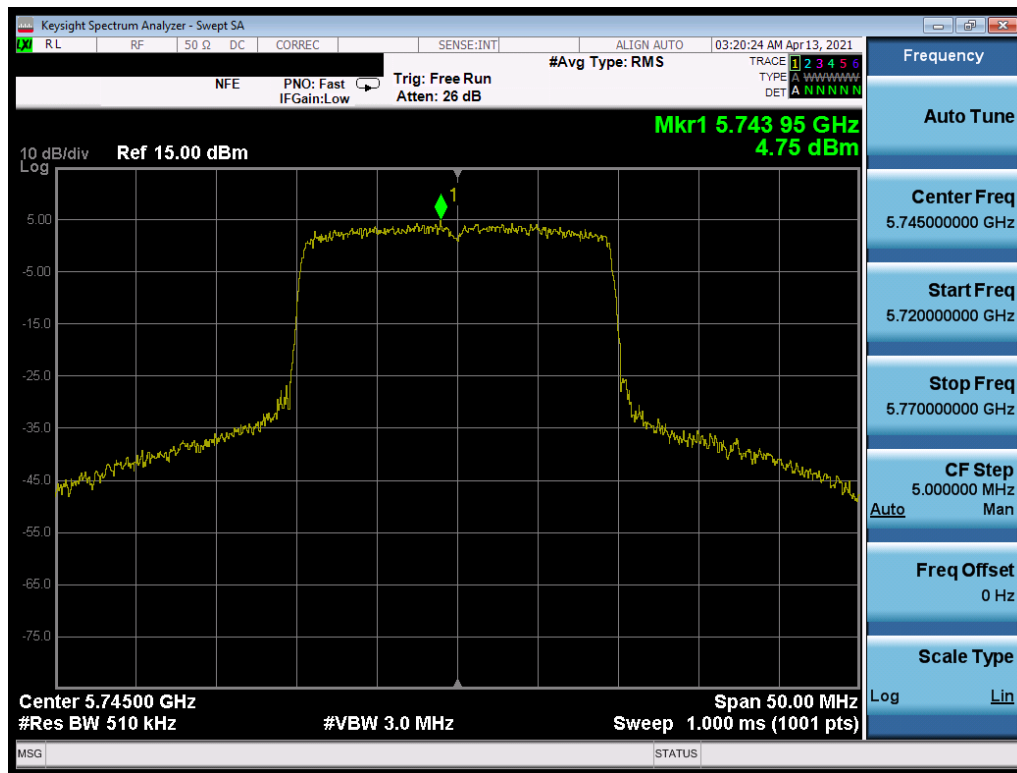


Plot 7-270. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 157)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 165 of 309

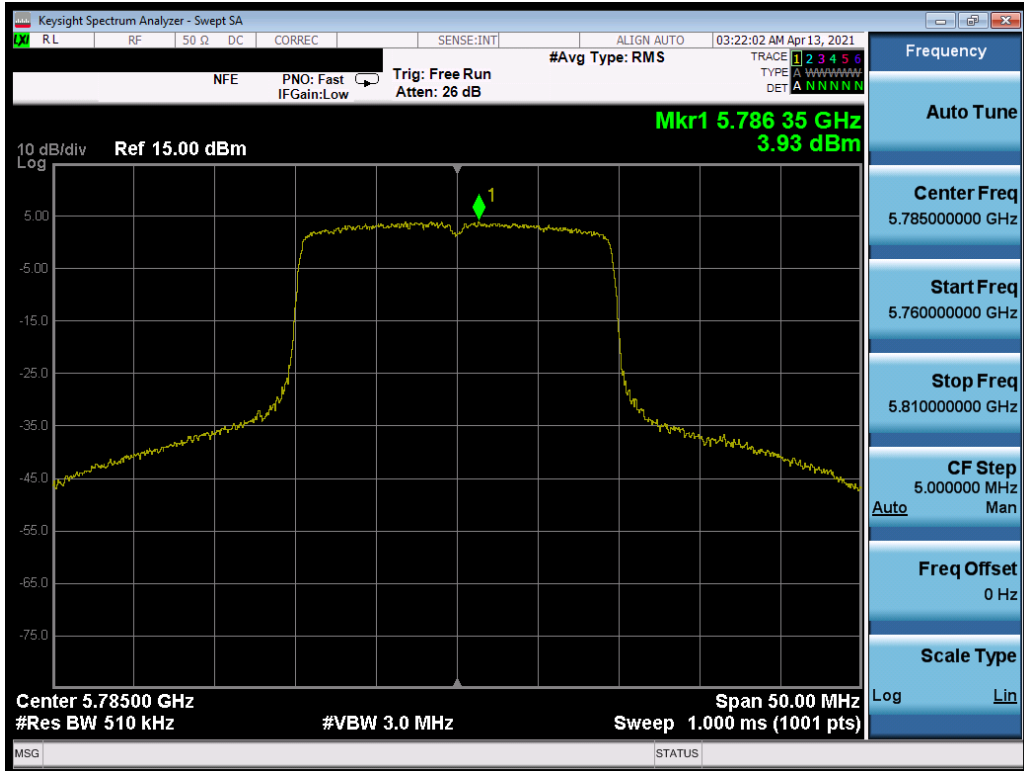


Plot 7-271. Power Spectral Density Plot (20MHz 802.11n (UNII Band 3) – Ch. 165)

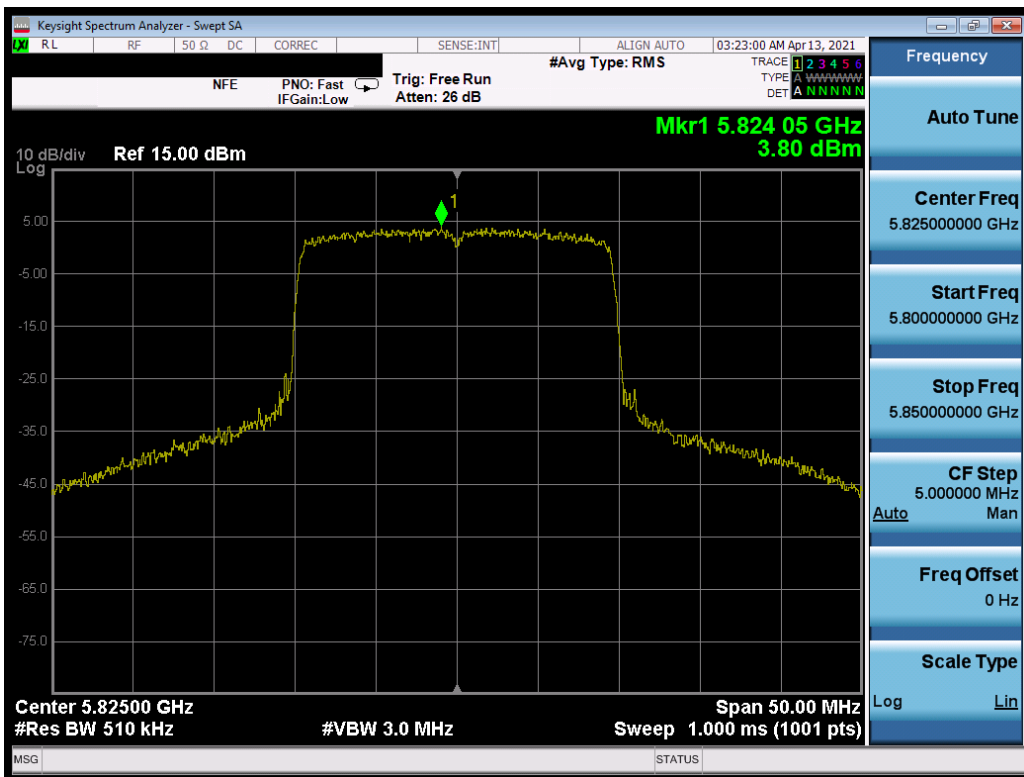


Plot 7-272. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 149)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 166 of 309

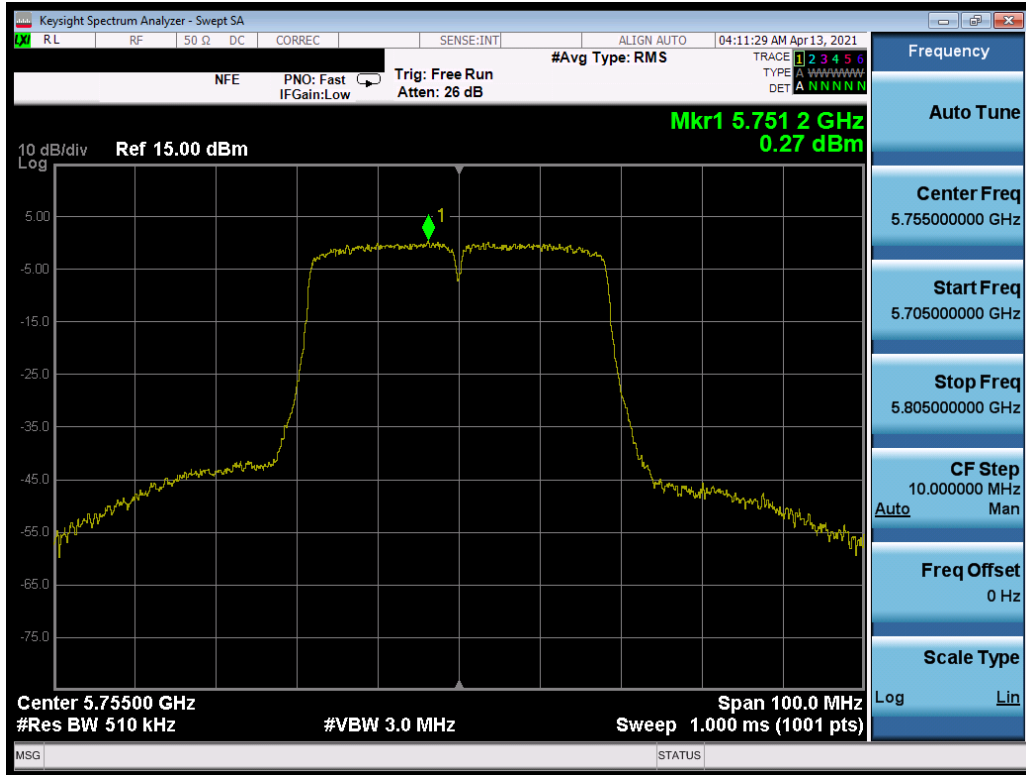


Plot 7-273. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 157)

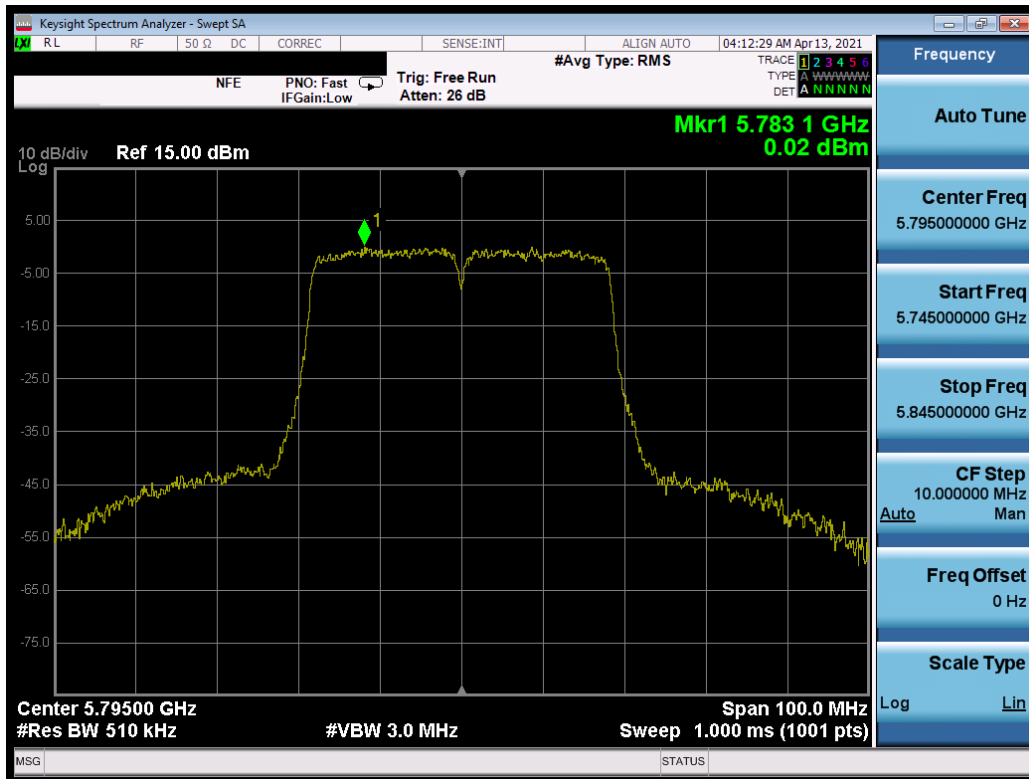


Plot 7-274. Power Spectral Density Plot (20MHz 802.11ax (UNII Band 3) – Ch. 165)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 167 of 309

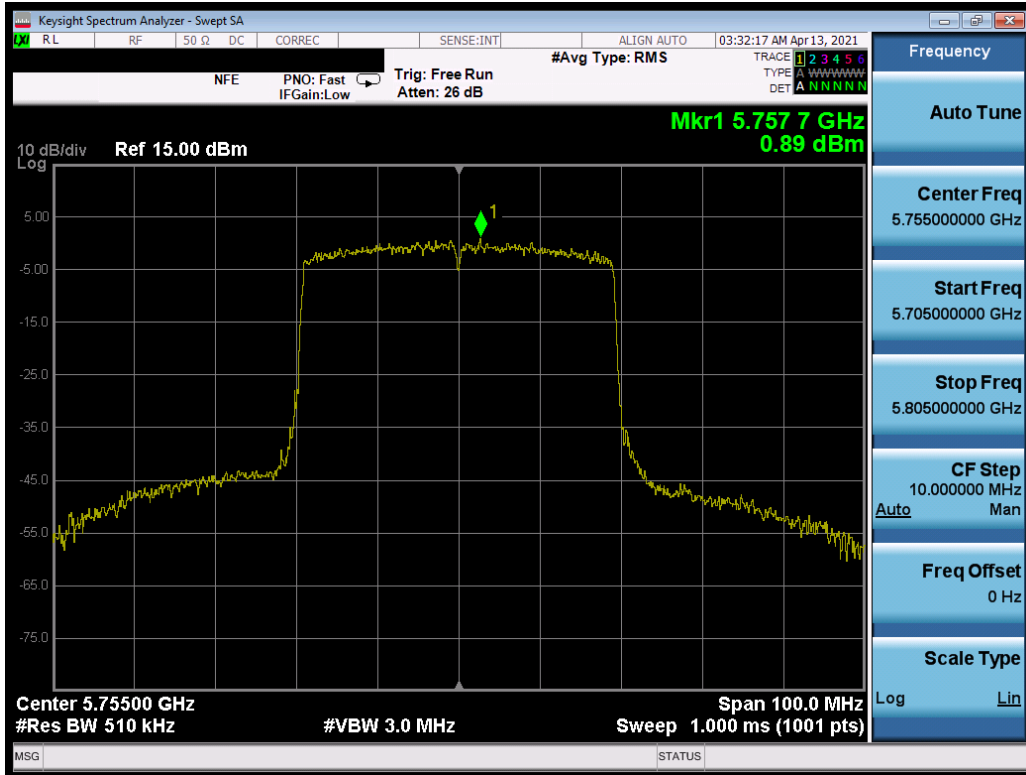


Plot 7-275. Power Spectral Density Plot (40MHz 802.11n (UNII Band 3) – Ch. 151)

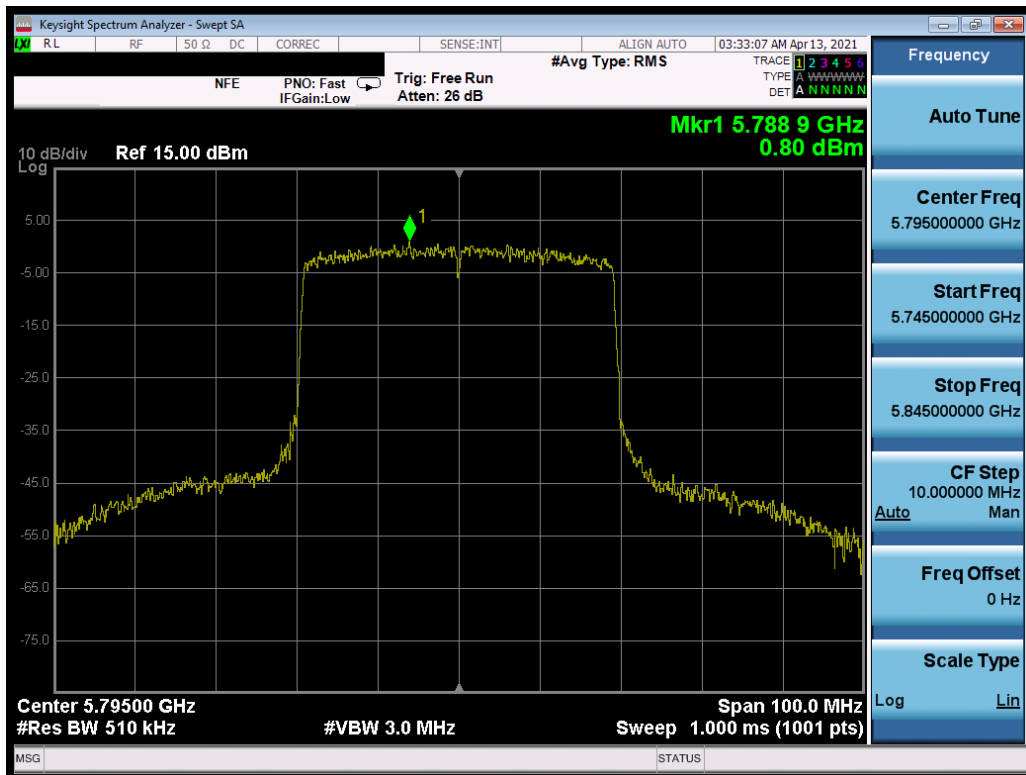


Plot 7-276. Power Spectral Density Plot (40MHz 802.11n (UNII Band 3) – Ch. 159)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 168 of 309



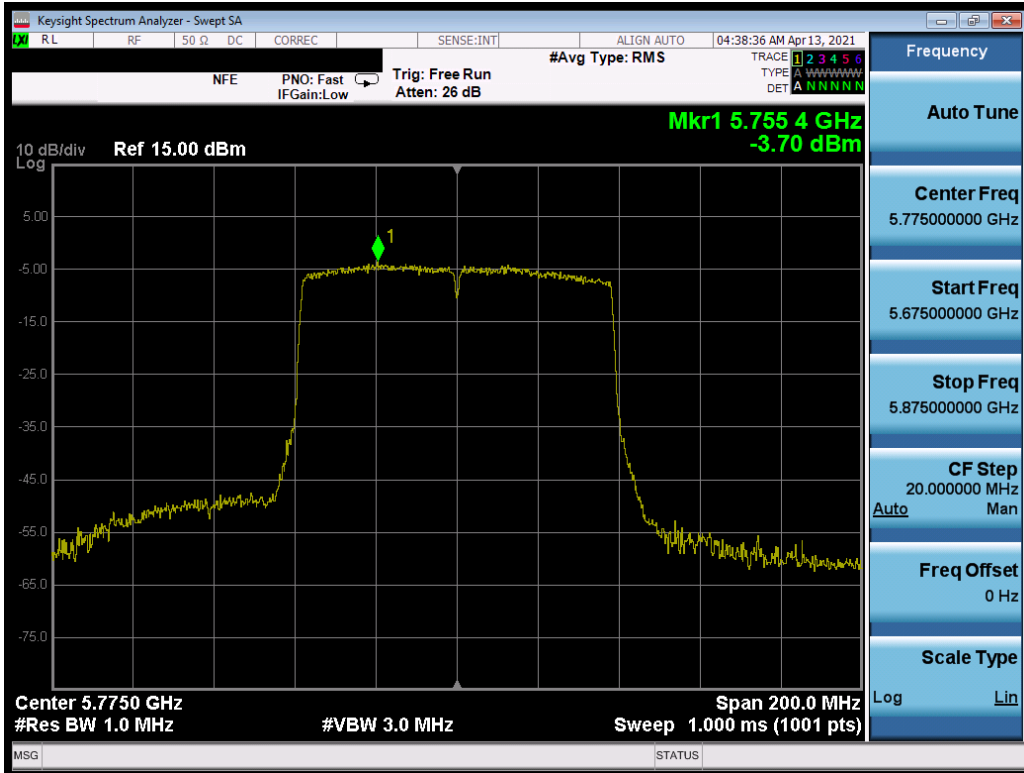
Plot 7-277. Power Spectral Density Plot (40MHz 802.11ax (UNII Band 3) – Ch. 151)



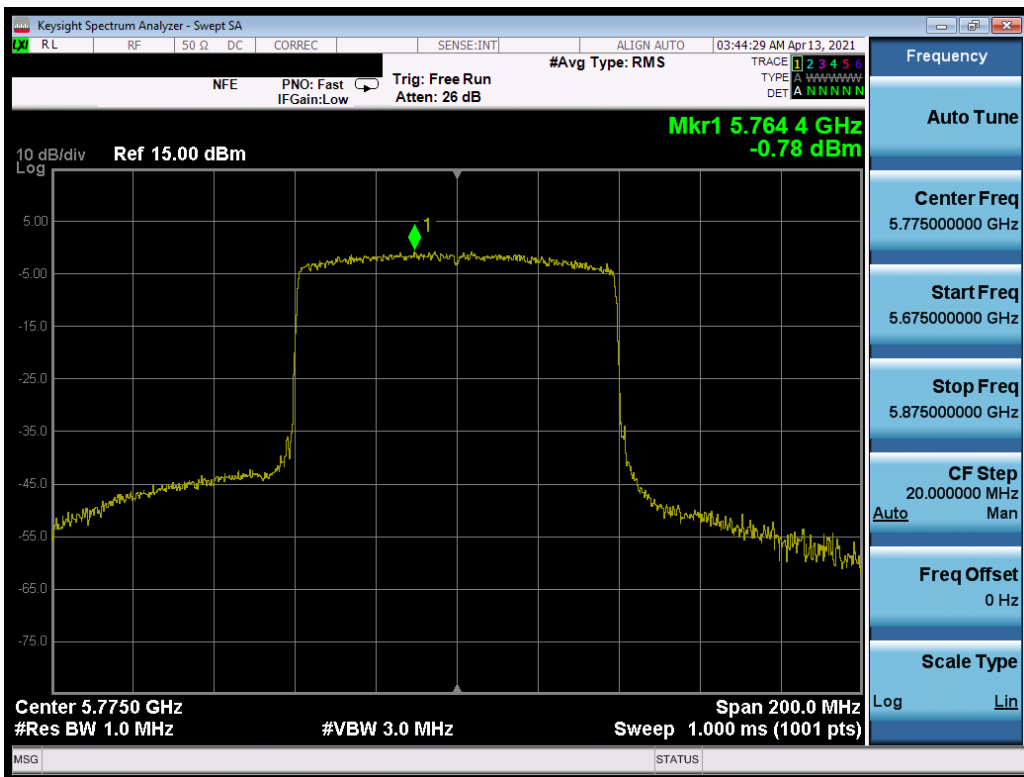
Plot 7-278. Power Spectral Density Plot (40MHz 802.11ax (UNII Band 3) – Ch. 159)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 169 of 309





Plot 7-279. Power Spectral Density Plot (80MHz 802.11ac (UNII Band 3) – Ch. 155)



Plot 7-280. Power Spectral Density Plot (80MHz 802.11ax (UNII Band 3) – Ch. 155)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 170 of 309



## MIMO Power Spectral Density Measurements

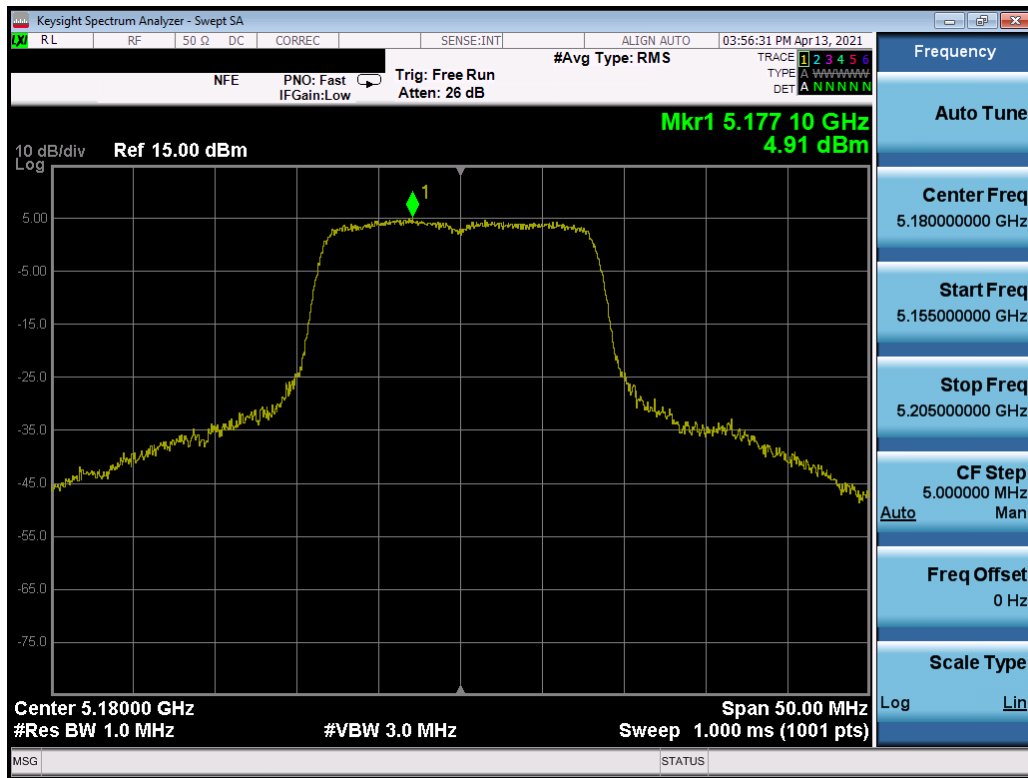
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Summed MIMO Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6	4.91	3.93	7.46	11.0	-3.54
	5200	40	a	6	4.62	3.89	7.28	11.0	-3.72
	5240	48	a	6	5.18	4.11	7.69	11.0	-3.31
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	4.52	4.10	7.33	11.0	-3.67
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.21	3.86	7.05	11.0	-3.95
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.81	4.28	7.56	11.0	-3.44
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	4.28	4.01	7.16	11.0	-3.84
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	4.64	3.93	7.31	11.0	-3.69
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	4.73	4.43	7.59	11.0	-3.41
	5190	38	n (40MHz)	13.5/15 (MCS0)	0.93	0.82	3.89	11.0	-7.11
	5230	46	n (40MHz)	13.5/15 (MCS0)	1.43	0.50	4.00	11.0	-7.00
	5190	38	ax (40MHz)	13.5/15 (MCS0)	1.12	1.07	4.11	11.0	-6.89
	5230	46	ax (40MHz)	13.5/15 (MCS0)	1.35	0.42	3.92	11.0	-7.08
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.81	-3.34	-0.06	11.0	-11.06
5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-2.73	-3.59	-0.13	11.0	-11.13	
Band 1/2A	5250	50	ac (160MHz)	58.5/65 (MCS0)	-4.95	-6.28	-2.55	11.0	-13.55
	5250	50	ax (160MHz)	58.5/65 (MCS0)	-5.30	-6.01	-2.63	11.0	-13.63
Band 2A	5260	52	a	6	5.54	4.45	8.04	11.0	-2.96
	5280	56	a	6	5.97	4.48	8.30	11.0	-2.70
	5320	64	a	6	5.84	4.92	8.41	11.0	-2.59
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	5.14	4.55	7.87	11.0	-3.13
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	5.54	4.62	8.11	11.0	-2.89
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	5.74	5.12	8.45	11.0	-2.55
	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	4.75	4.04	7.42	11.0	-3.58
	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	4.66	4.08	7.39	11.0	-3.61
	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	5.24	4.37	7.84	11.0	-3.16
	5270	54	n (40MHz)	13.5/15 (MCS0)	1.76	1.06	4.43	11.0	-6.57
	5310	62	n (40MHz)	13.5/15 (MCS0)	1.94	1.39	4.68	11.0	-6.32
	5270	54	ax (40MHz)	13.5/15 (MCS0)	1.45	0.95	4.22	11.0	-6.78
	5310	62	ax (40MHz)	13.5/15 (MCS0)	1.56	0.77	4.19	11.0	-6.81
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-2.30	-3.23	0.27	11.0	-10.73
	5290	58	ax (80MHz)	29.3/32.5 (MCS0)	-1.78	-2.58	0.85	11.0	-10.15
	Band 2C	5500	100	a	6	4.30	3.47	6.92	11.0
5600		120	a	6	5.13	4.00	7.61	11.0	-3.39
5720		144	a	6	4.44	3.39	6.96	11.0	-4.04
5500		100	n (20MHz)	6.5/7.2 (MCS0)	3.74	3.75	6.76	11.0	-4.24
5600		120	n (20MHz)	6.5/7.2 (MCS0)	5.02	4.36	7.71	11.0	-3.29
5720		144	n (20MHz)	6.5/7.2 (MCS0)	3.60	3.72	6.67	11.0	-4.33
5500		100	ax (20MHz)	6.5/7.2 (MCS0)	3.75	3.80	6.79	11.0	-4.21
5600		120	ax (20MHz)	6.5/7.2 (MCS0)	4.50	4.33	7.43	11.0	-3.57
5720		144	ax (20MHz)	6.5/7.2 (MCS0)	4.00	3.69	6.86	11.0	-4.14
5510		102	n (40MHz)	13.5/15 (MCS0)	0.68	0.53	3.62	11.0	-7.38
5590		118	n (40MHz)	13.5/15 (MCS0)	1.08	0.77	3.94	11.0	-7.06
5710		142	n (40MHz)	13.5/15 (MCS0)	0.76	0.66	3.72	11.0	-7.28
5510		102	ax (40MHz)	13.5/15 (MCS0)	0.47	0.42	3.46	11.0	-7.54
5590		118	ax (40MHz)	13.5/15 (MCS0)	0.83	0.41	3.64	11.0	-7.36
5710		142	ax (40MHz)	13.5/15 (MCS0)	0.49	0.46	3.49	11.0	-7.51
5530		106	ac (80MHz)	29.3/32.5 (MCS0)	-2.79	-2.98	0.13	11.0	-10.87
5610		122	ac (80MHz)	29.3/32.5 (MCS0)	-2.39	-2.48	0.58	11.0	-10.42
5690		138	ac (80MHz)	29.3/32.5 (MCS0)	-2.78	-3.39	-0.06	11.0	-11.06
5530		106	ax (80MHz)	29.3/32.5 (MCS0)	-2.84	-2.68	0.25	11.0	-10.75
5610		122	ax (80MHz)	29.3/32.5 (MCS0)	-3.09	-3.26	-0.16	11.0	-11.16
5690	138	ax (80MHz)	29.3/32.5 (MCS0)	-1.77	-2.34	0.96	11.0	-10.04	
5570	114	ac (160MHz)	58.5/65 (MCS0)	-5.35	-5.90	-2.60	11.0	-13.60	
5570	114	ax (160MHz)	58.5/65 (MCS0)	-4.92	-5.53	-2.20	11.0	-13.20	

Table 7-24. Band 1, 2A, 2C Conducted Power Spectral Density Measurements MIMO

FCC ID: A3LSMF926JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset	Page 171 of 309	

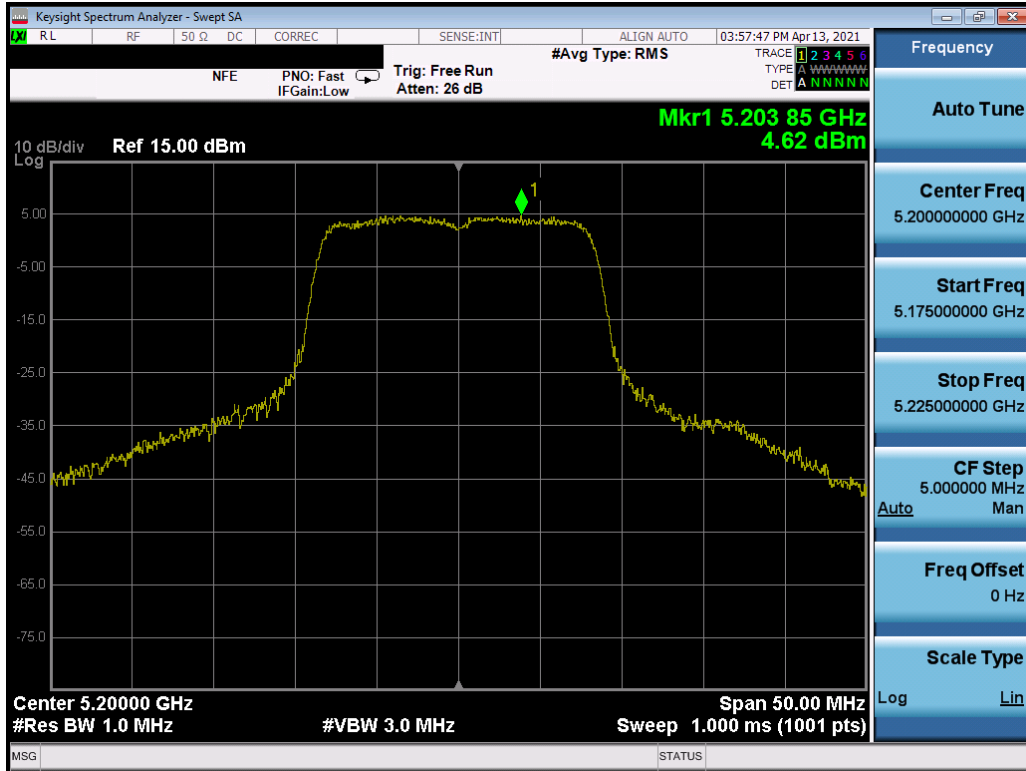
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Summed MIMO Power Density [dBm]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6.5/7.2 (MCS0)	4.91	3.93	7.46	-0.22	7.24	10.0	-2.76
	5200	40	a	6.5/7.2 (MCS0)	4.62	3.89	7.28	-0.22	7.06	10.0	-2.94
	5240	48	a	6.5/7.2 (MCS0)	5.18	4.11	7.69	-0.22	7.47	10.0	-2.53
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	4.52	4.10	7.33	-0.22	7.11	10.0	-2.89
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	4.21	3.86	7.05	-0.22	6.83	10.0	-3.17
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.81	4.28	7.56	-0.22	7.34	10.0	-2.66
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	4.28	4.01	7.16	-0.22	6.94	10.0	-3.06
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	4.64	3.93	7.31	-0.22	7.09	10.0	-2.91
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	4.73	4.43	7.59	-0.22	7.37	10.0	-2.63
	5190	38	n (40MHz)	13.5/15 (MCS0)	0.93	0.82	3.89	-0.22	3.67	10.0	-6.33
	5230	46	n (40MHz)	13.5/15 (MCS0)	1.43	0.50	4.00	-0.22	3.78	10.0	-6.22
	5190	38	ax (40MHz)	13.5/15 (MCS0)	1.12	1.07	4.11	-0.22	3.89	10.0	-6.11
	5230	46	ax (40MHz)	13.5/15 (MCS0)	1.35	0.42	3.92	-0.22	3.70	10.0	-6.30
BAnd 1/2A	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-2.81	-3.34	-0.06	-0.22	-0.28	10.0	-10.28
	5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-2.73	-3.59	-0.13	-0.22	-0.35	10.0	-10.35
	5250	50	ac (160MHz)	58.5/65 (MCS0)	-4.95	-6.28	-2.55	-0.22	-2.77	10.0	-12.77
	5250	50	ax (160MHz)	58.5/65 (MCS0)	-5.30	-6.01	-2.63	-0.22	-2.85	10.0	-12.85

Table 7-25. Bands 1 e.i.r.p MIMO Conducted Power Spectral Density Measurements (ISED)

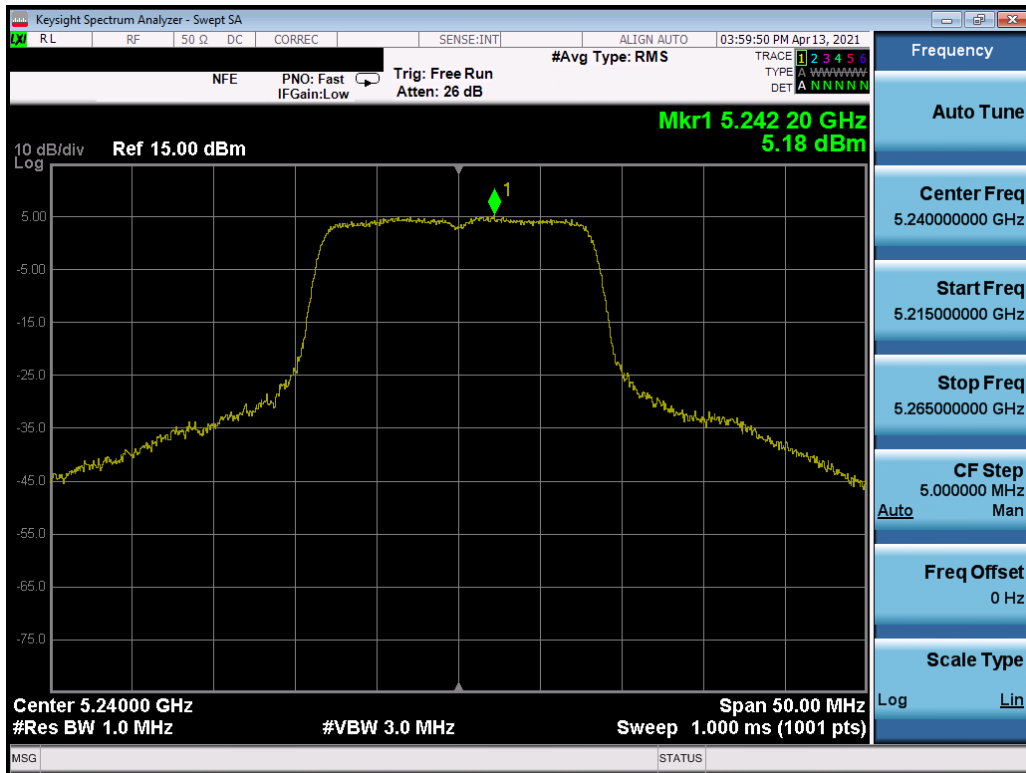


Plot 7-281. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF926JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 172 of 309

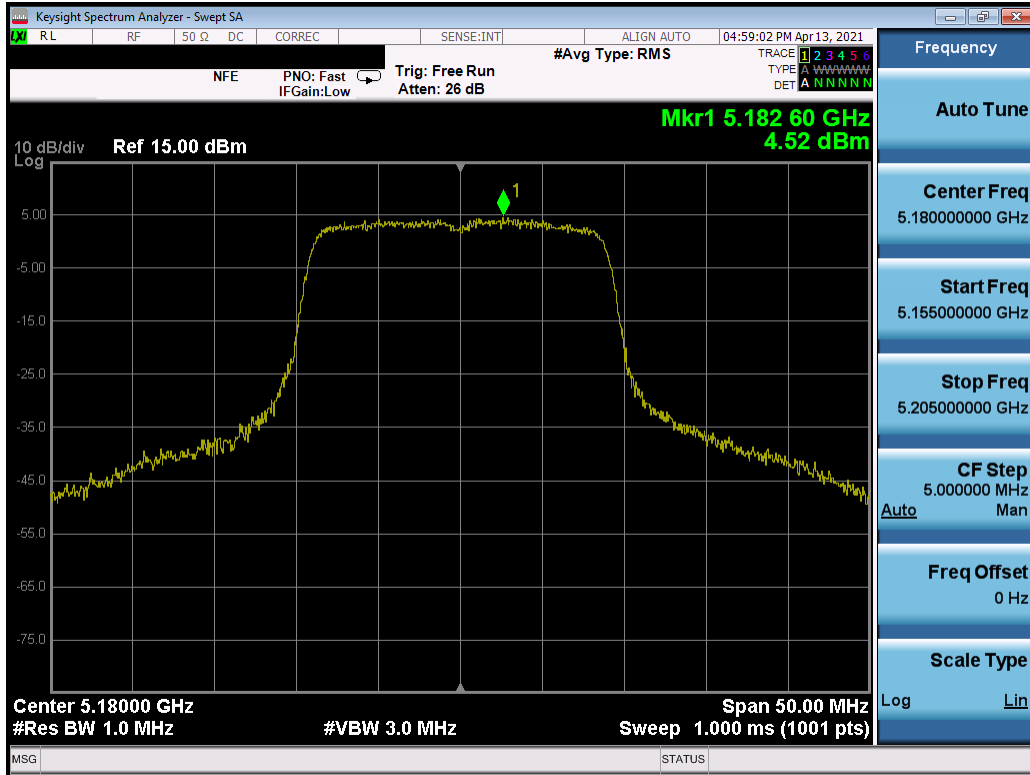


Plot 7-282. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 40)

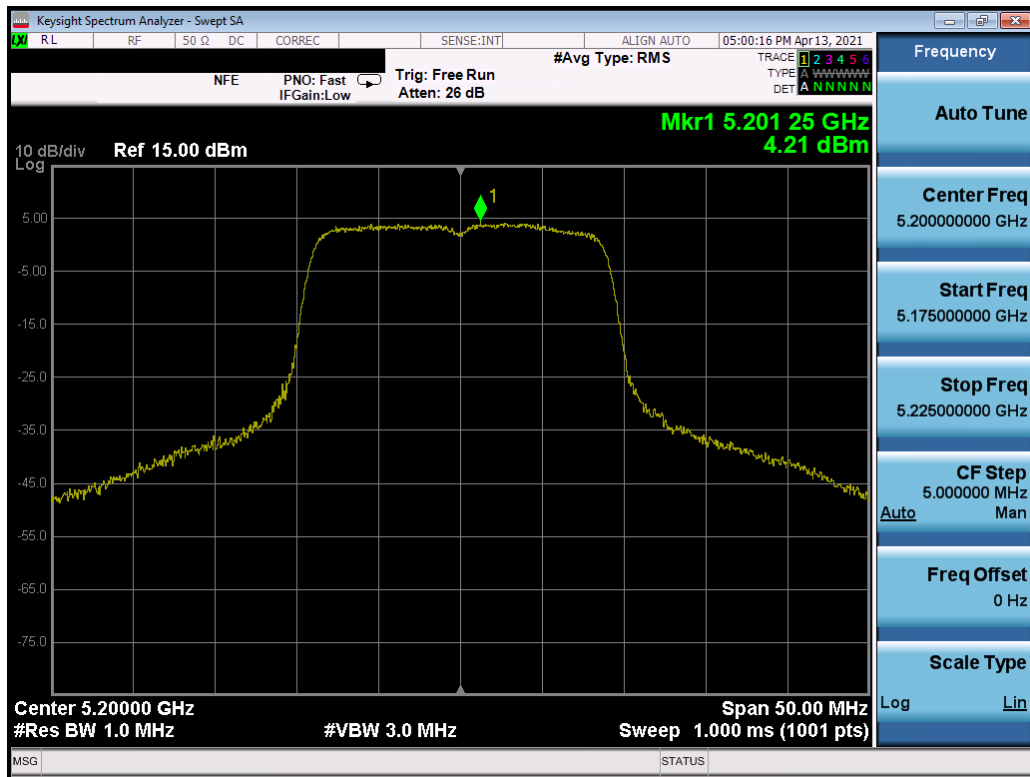


Plot 7-283. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 173 of 309

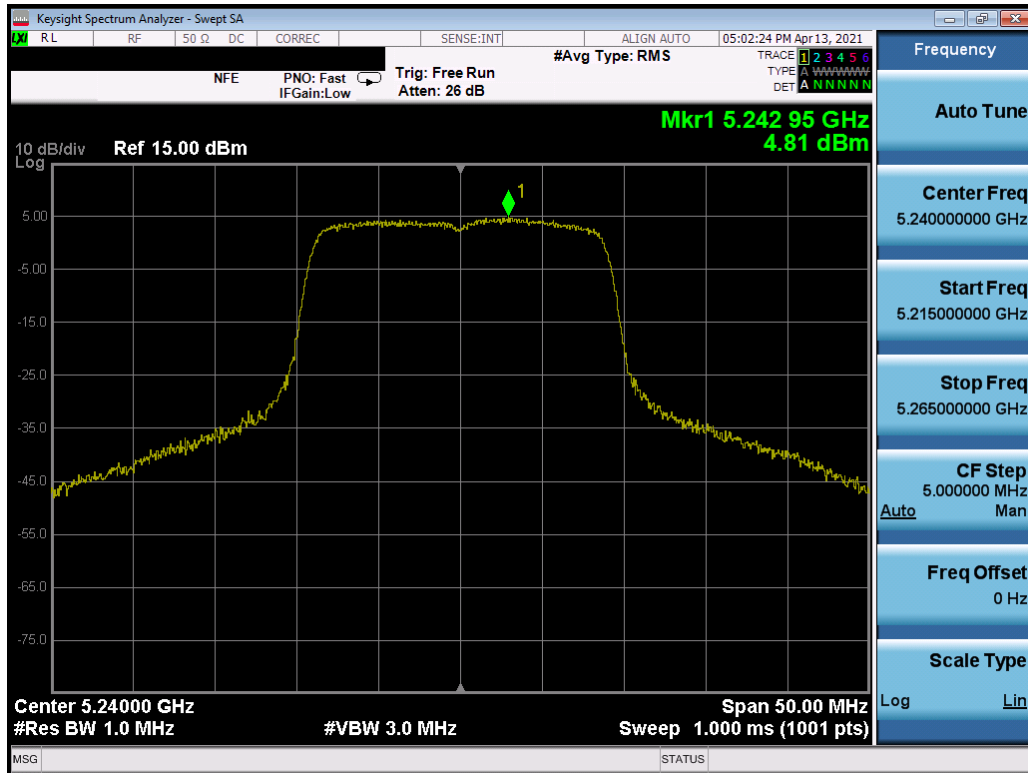


Plot 7-284. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

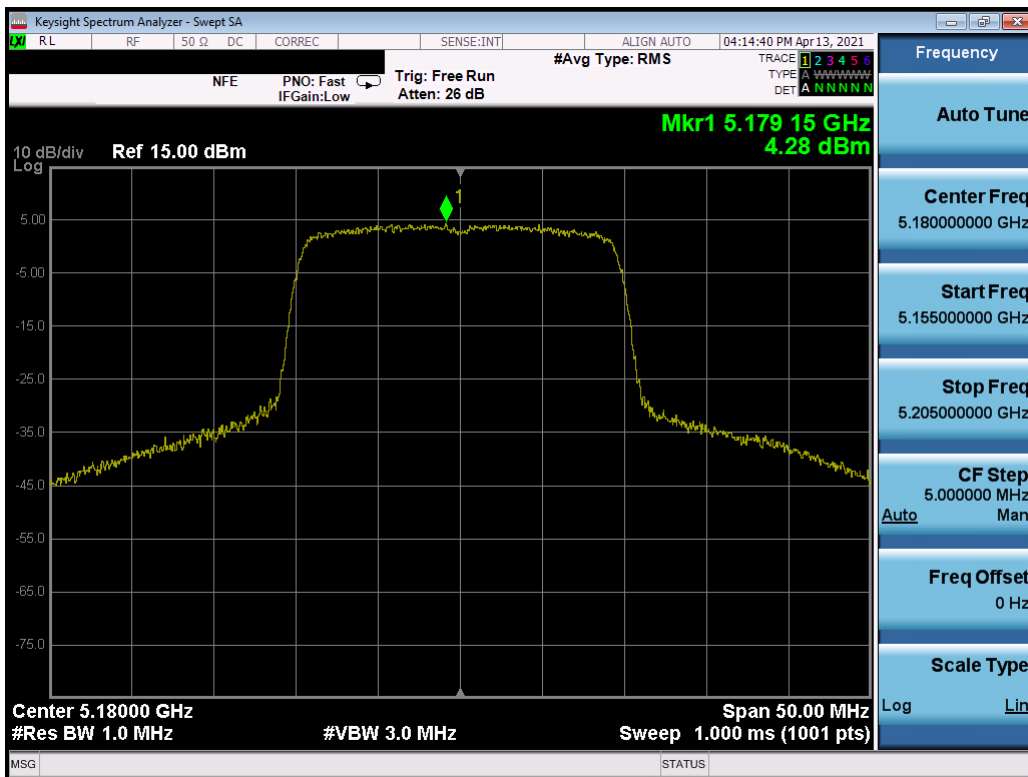


Plot 7-285. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 174 of 309

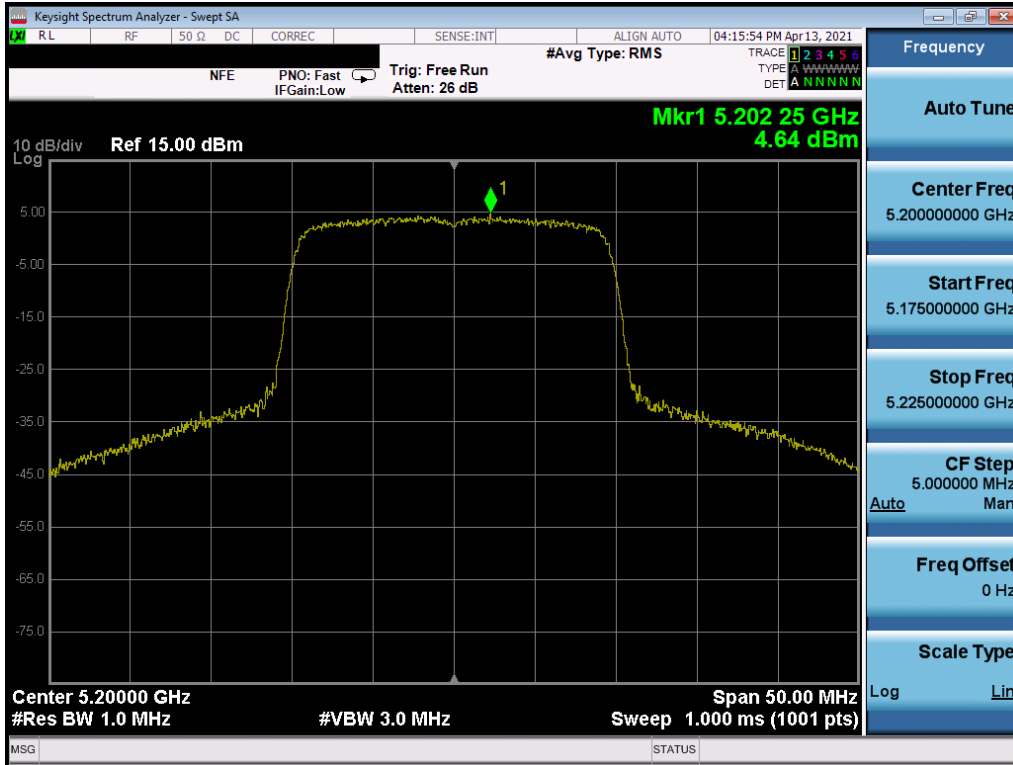


Plot 7-286. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

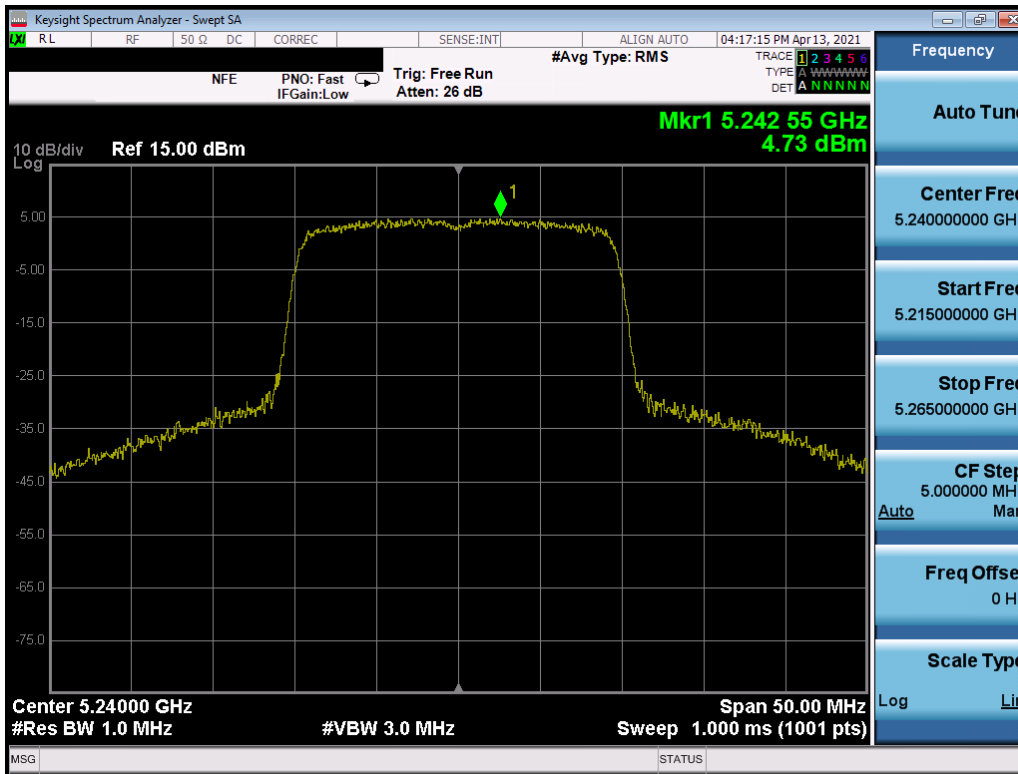


Plot 7-287. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 175 of 309

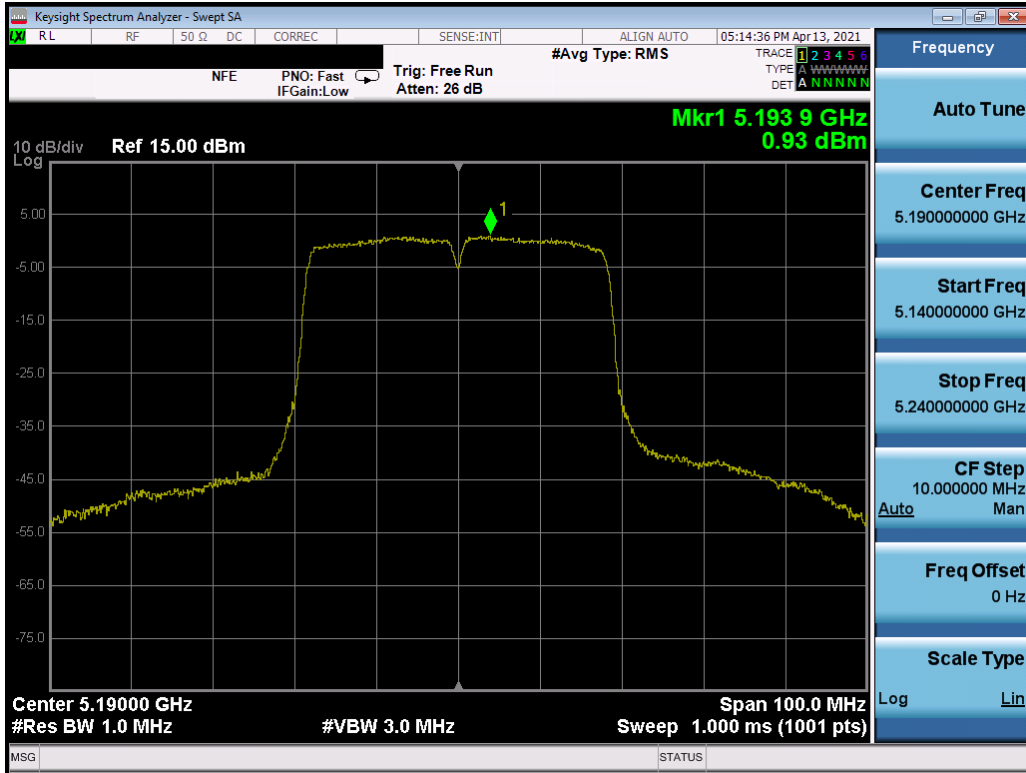


Plot 7-288. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

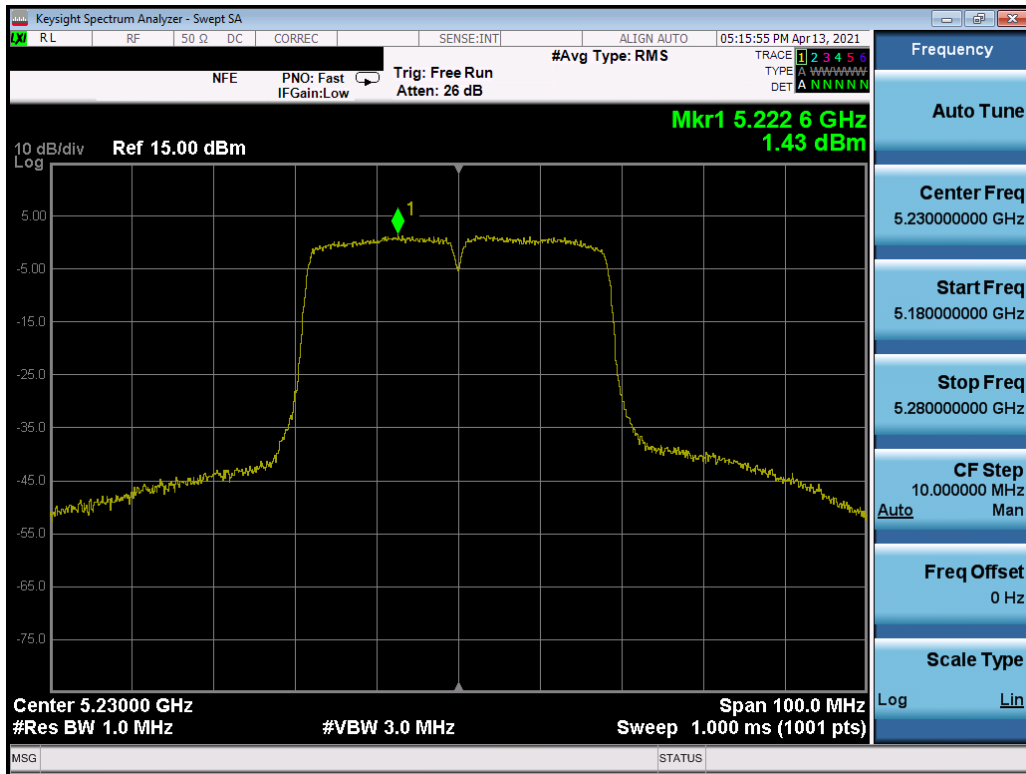


Plot 7-289. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 176 of 309

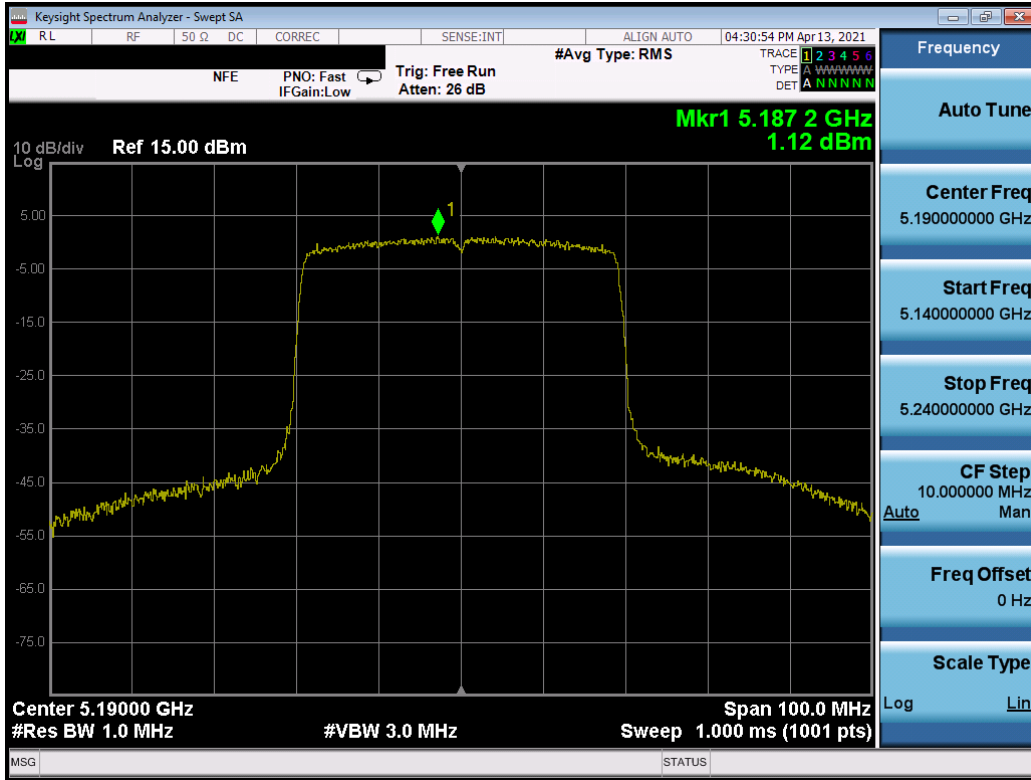


Plot 7-290. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

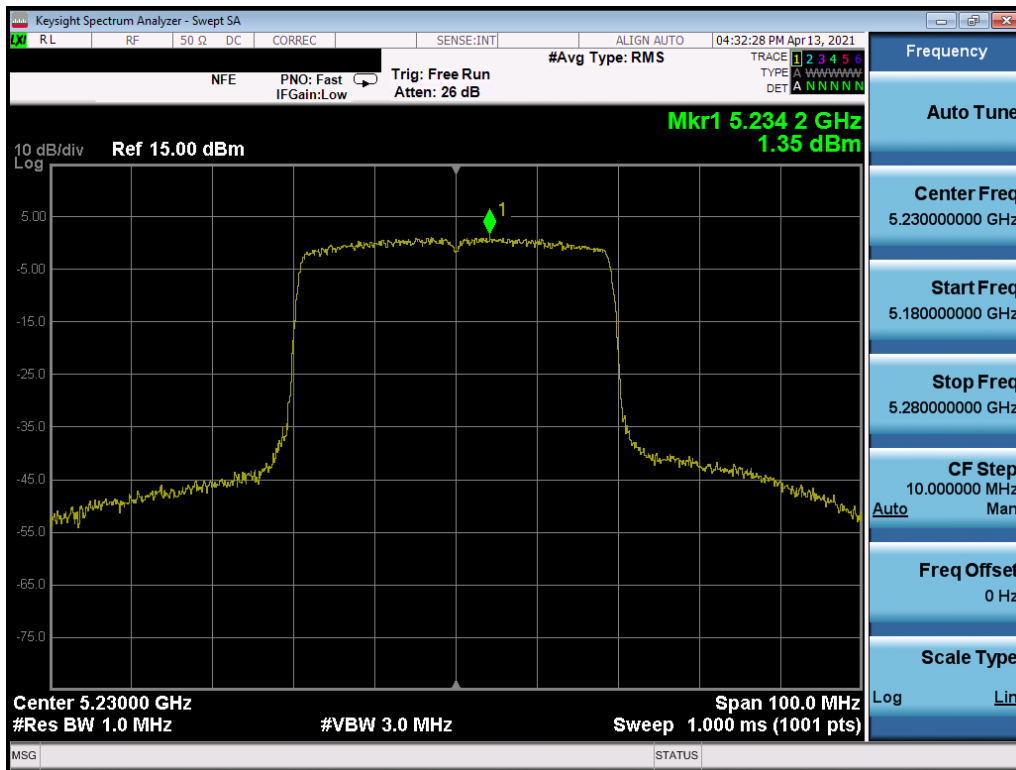


Plot 7-291. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

FCC ID: A3LSMF926JPN	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 177 of 309



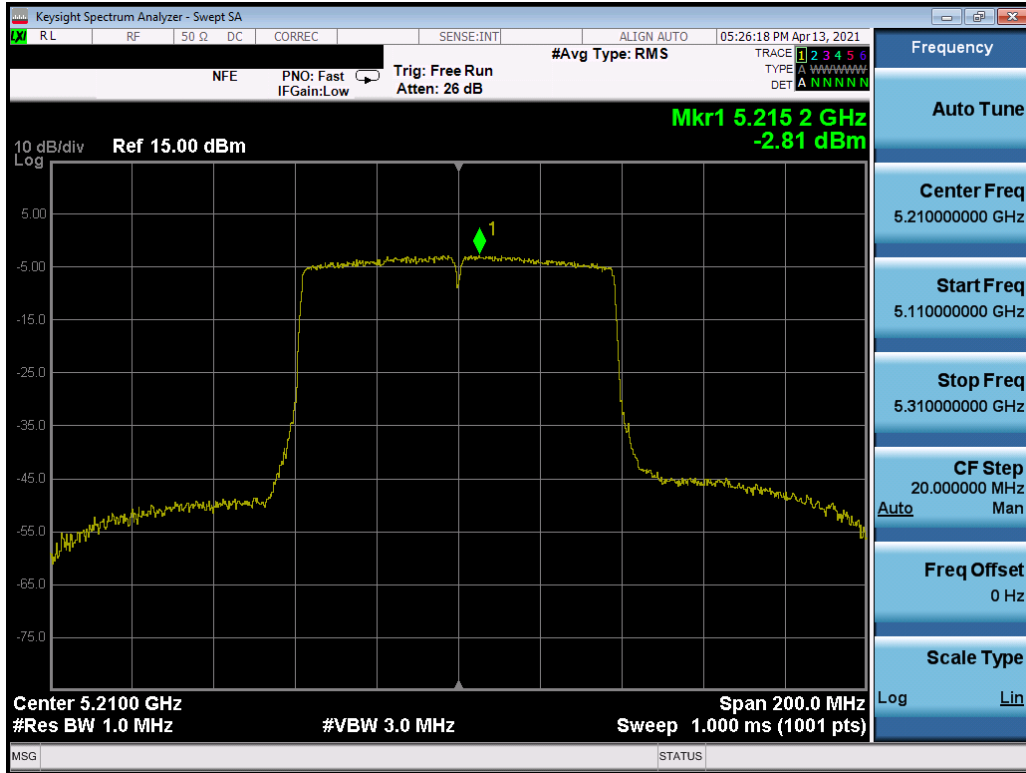
Plot 7-292. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)



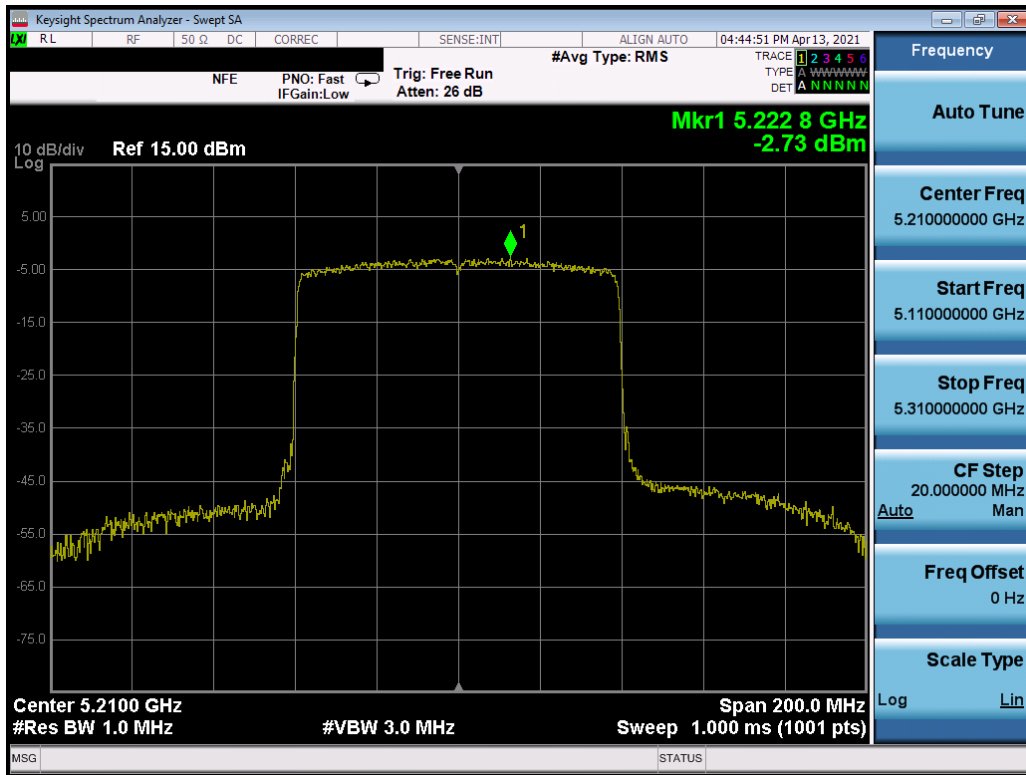
Plot 7-293. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 178 of 309





Plot 7-294. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

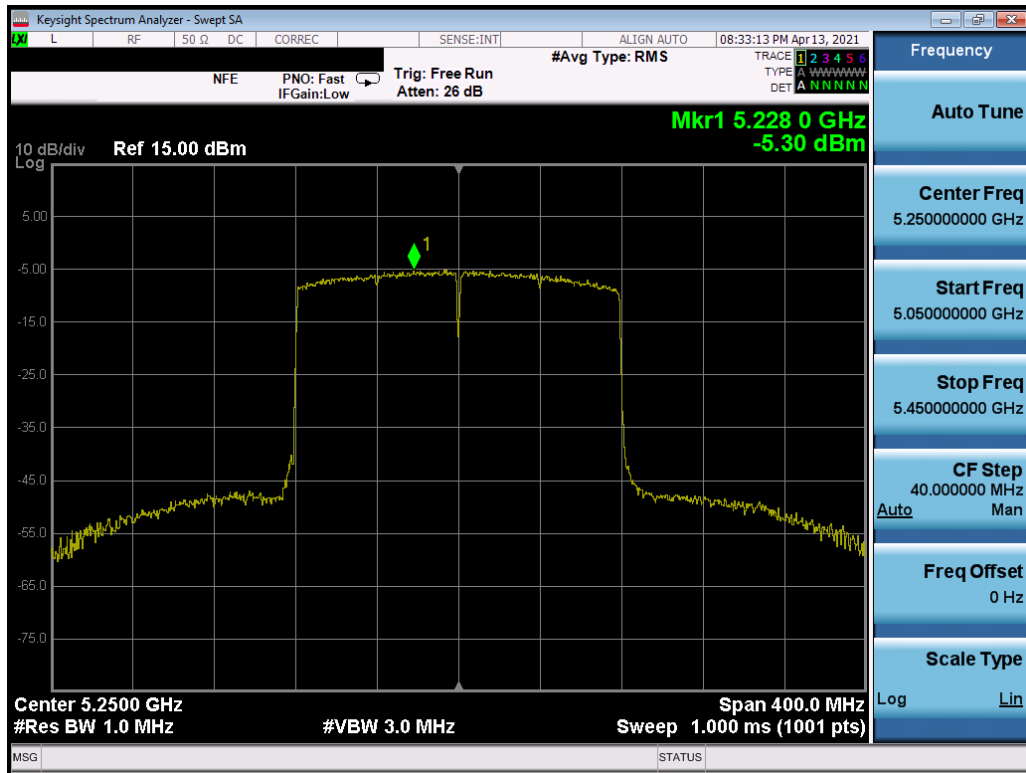


Plot 7-295. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 179 of 309

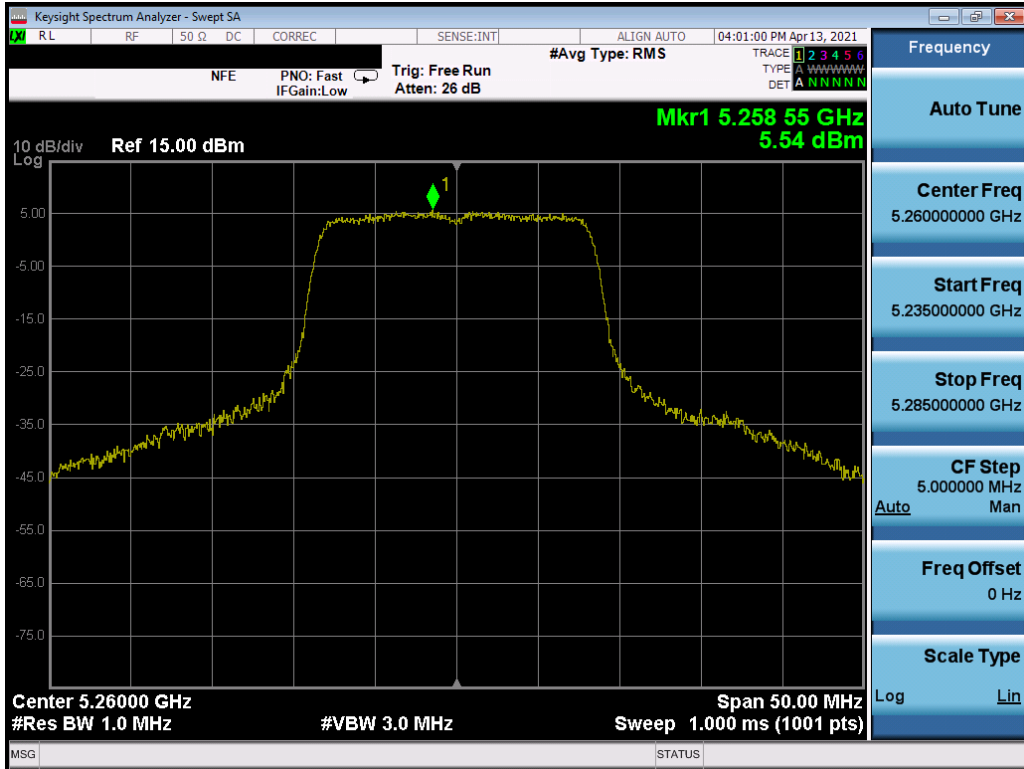


Plot 7-296. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ac (UNII Band 1/2A) – Ch. 50)

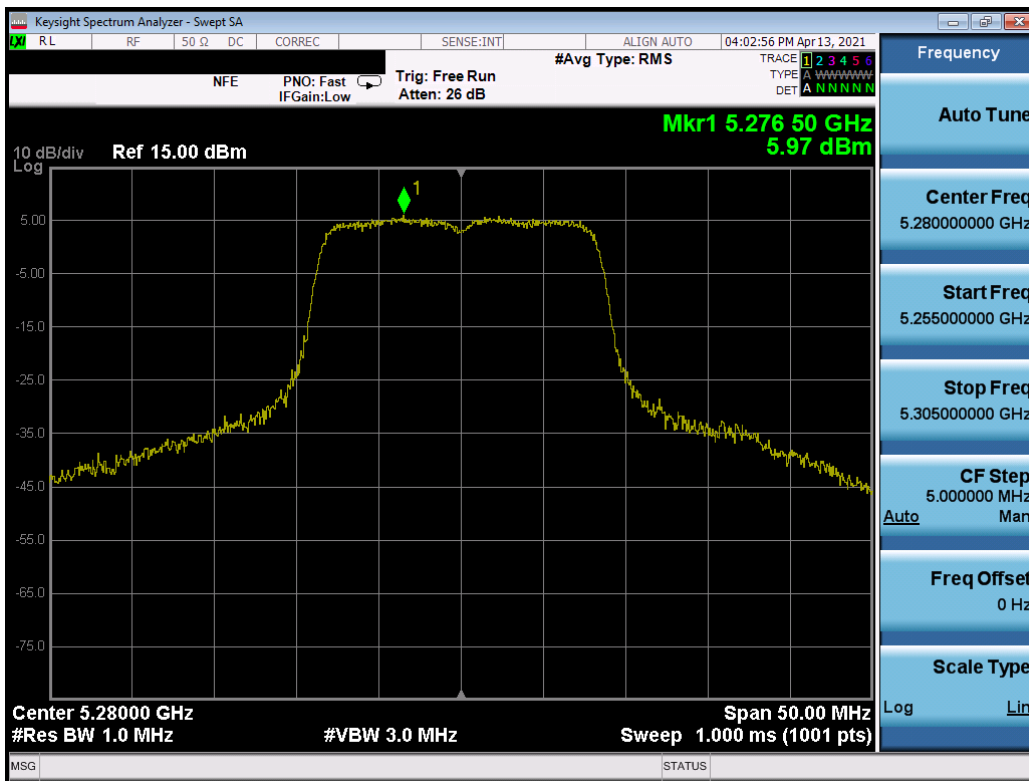


Plot 7-297. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (UNII Band 1/2A) – Ch. 50)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 180 of 309

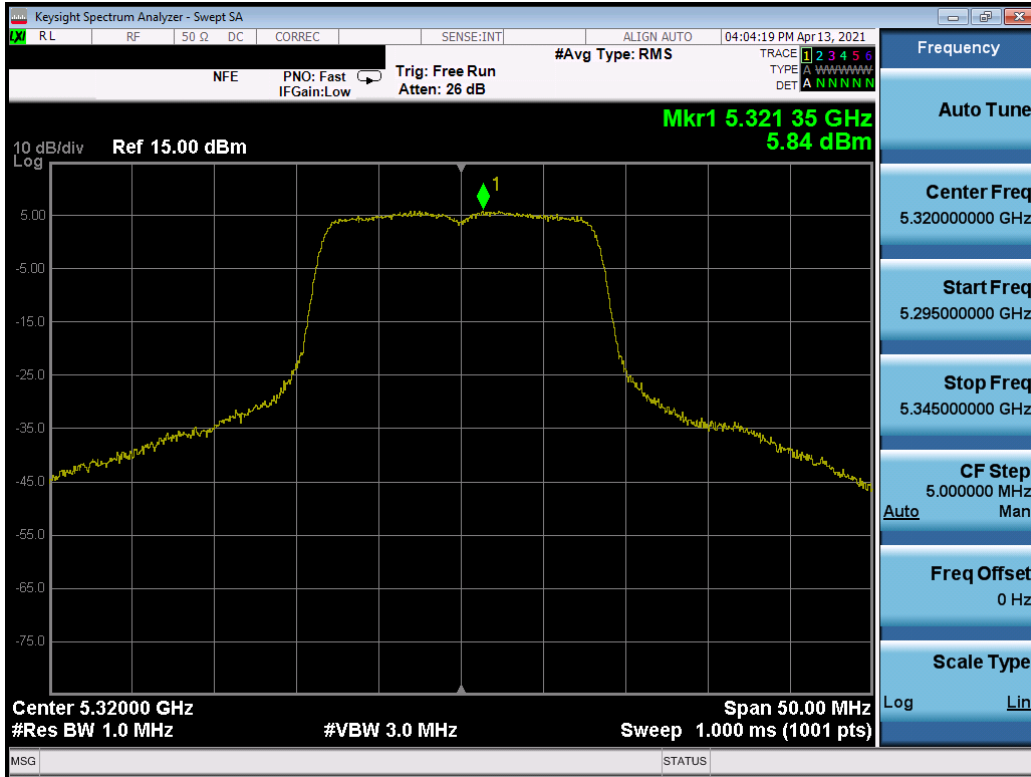


Plot 7-298. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 52)

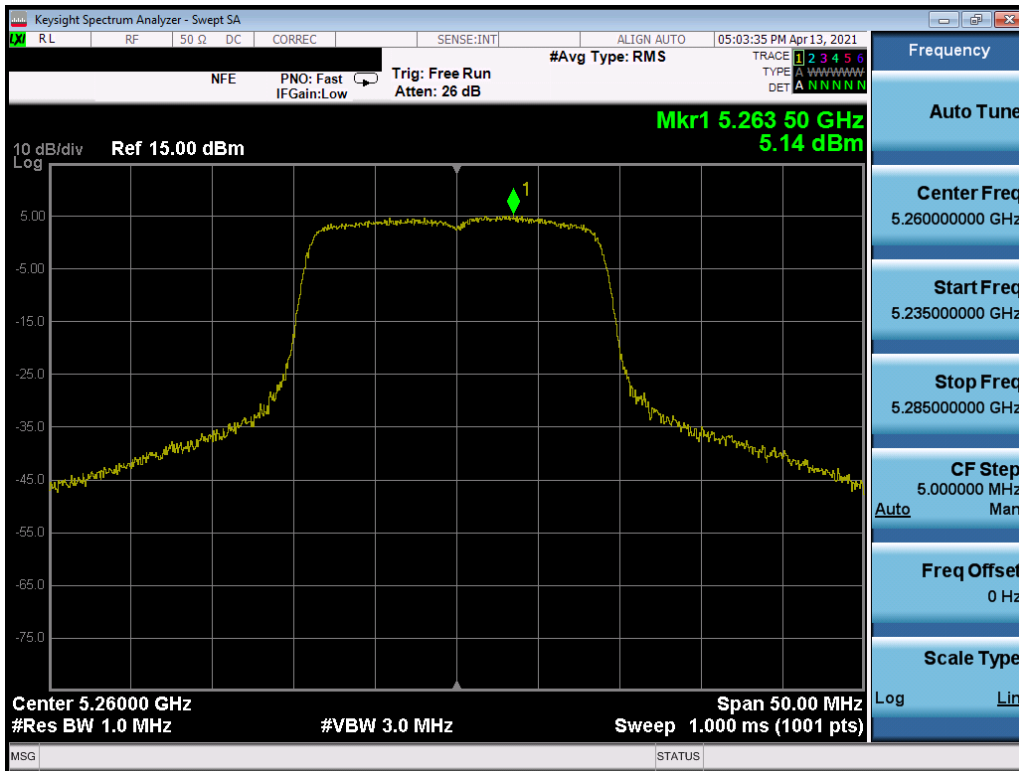


Plot 7-299. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 181 of 309

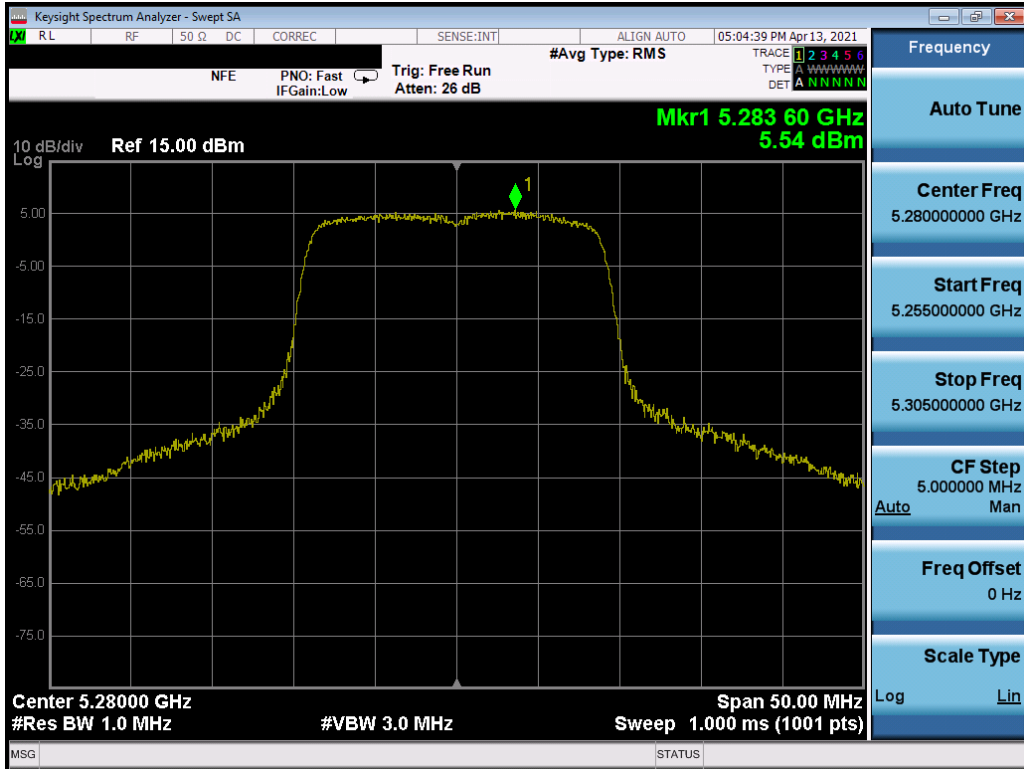


Plot 7-300. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 64)

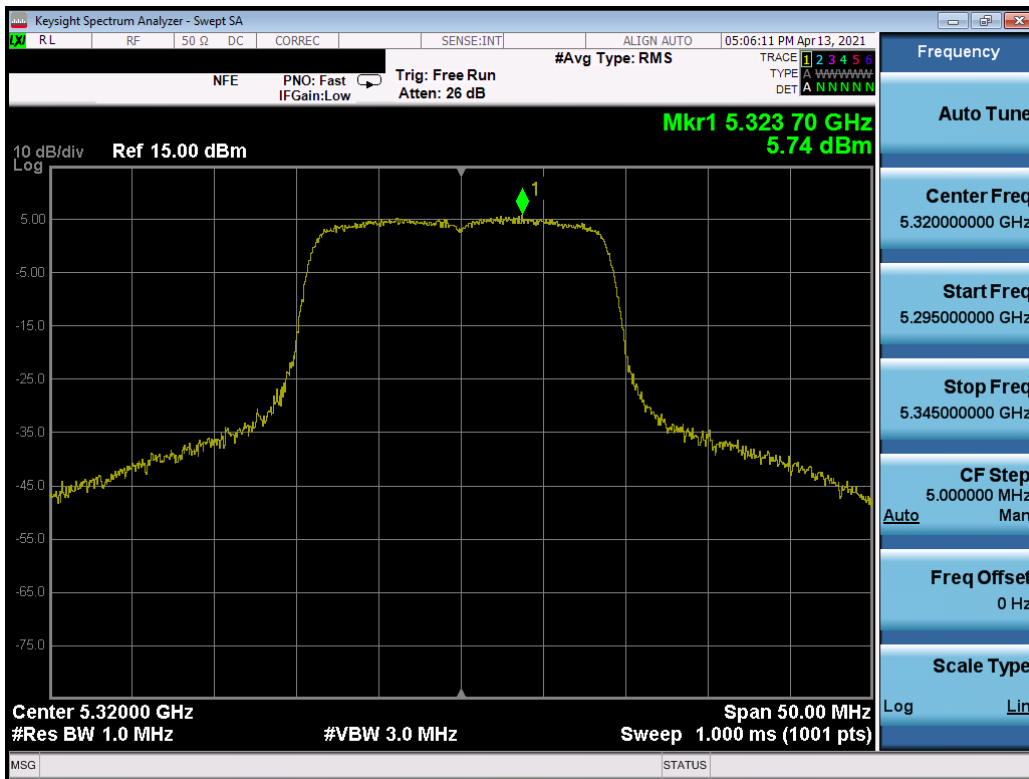


Plot 7-301. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 182 of 309

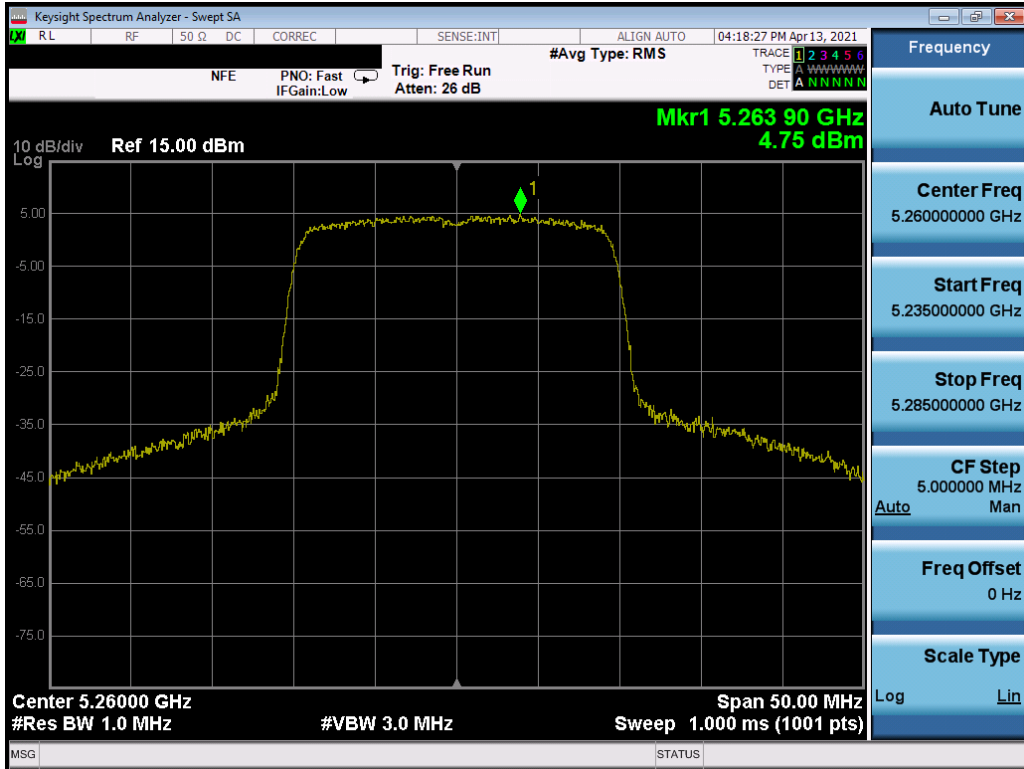


Plot 7-302. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

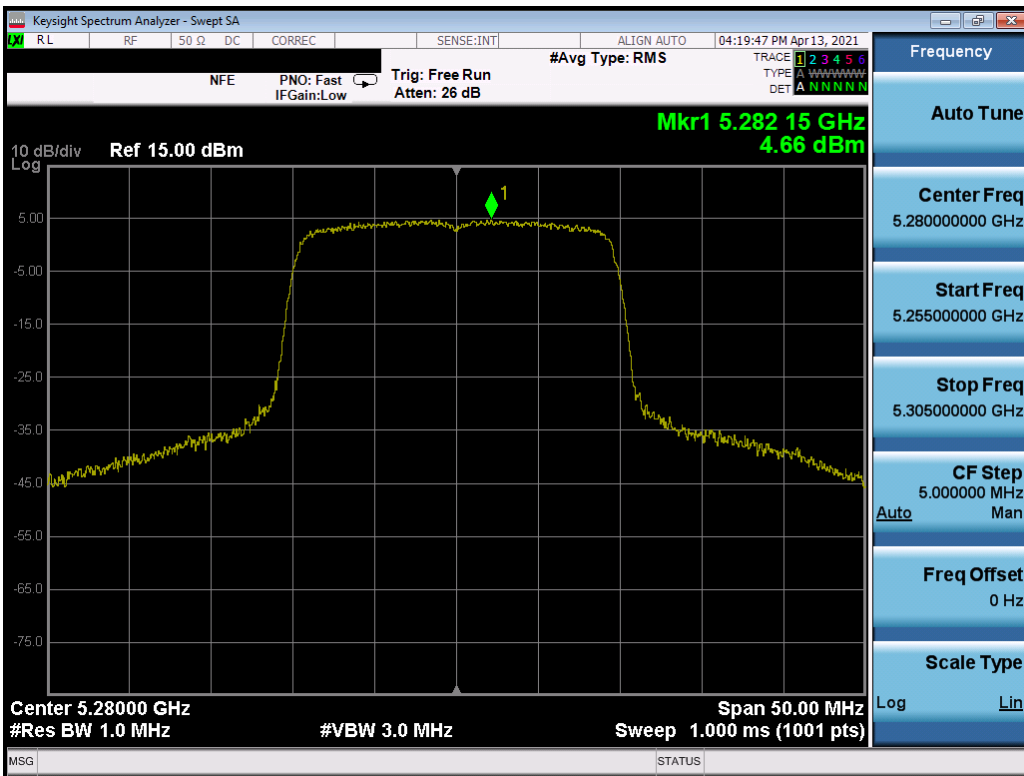


Plot 7-303. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 183 of 309

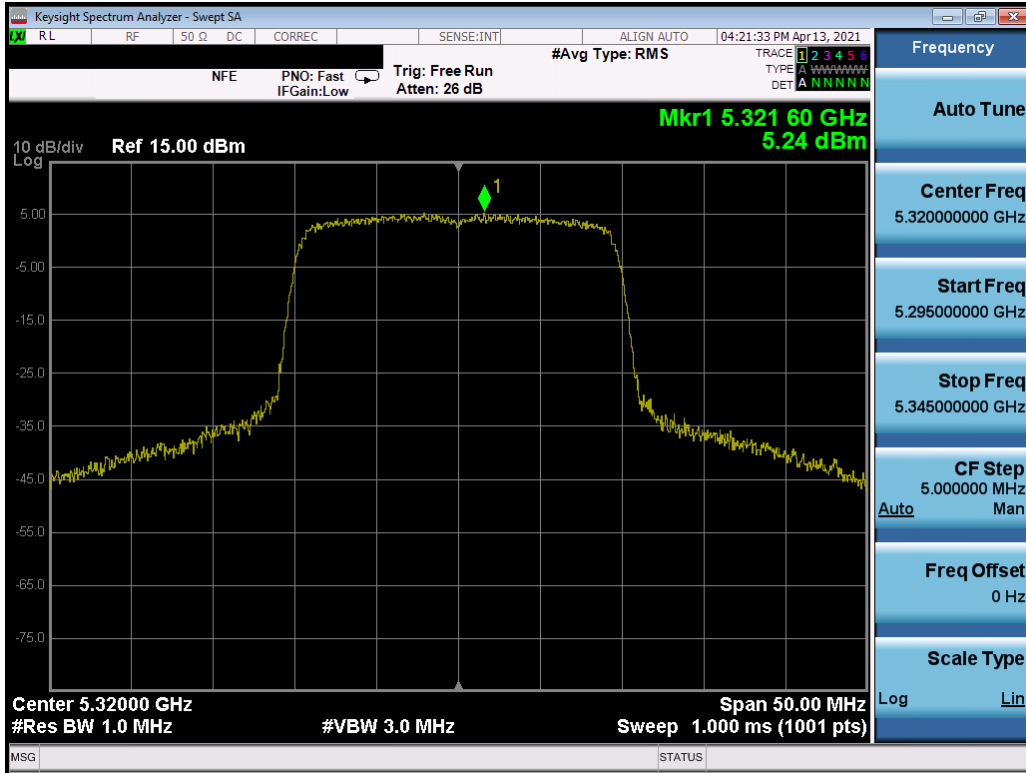


Plot 7-304. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

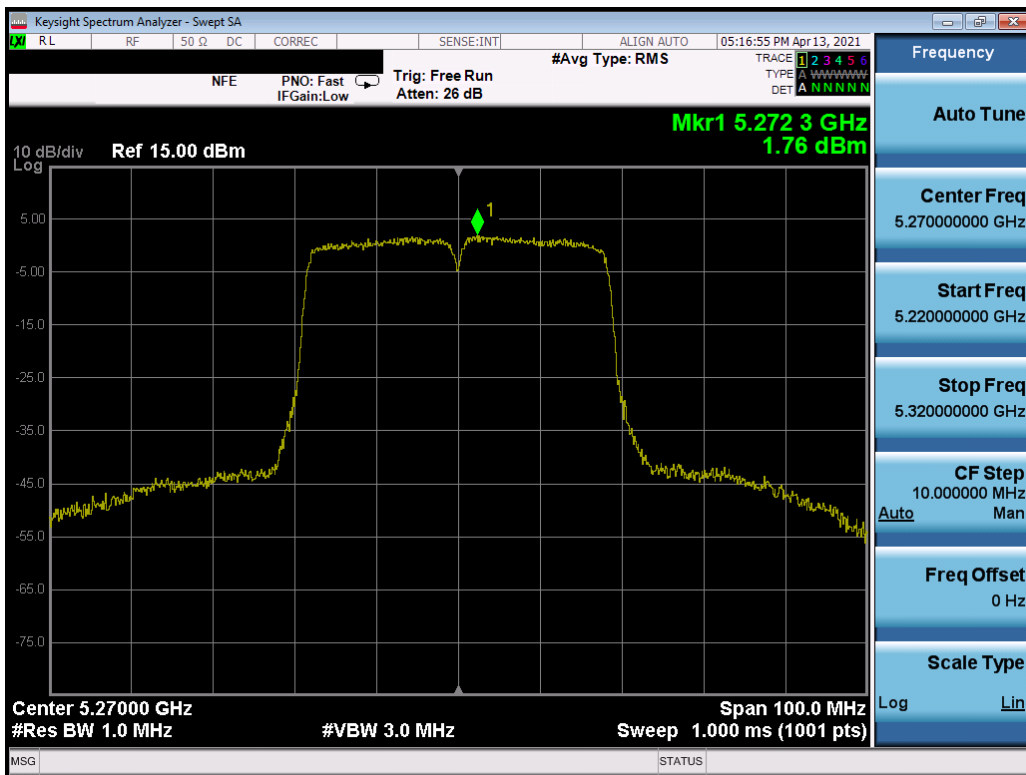


Plot 7-305. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 184 of 309

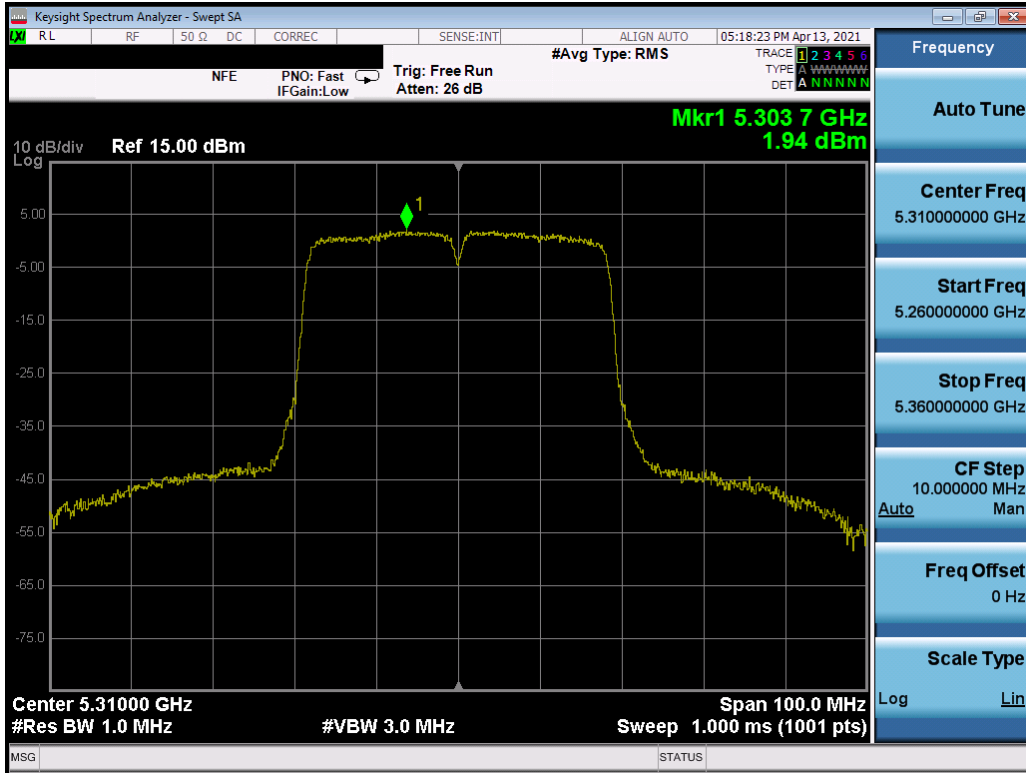


Plot 7-306. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

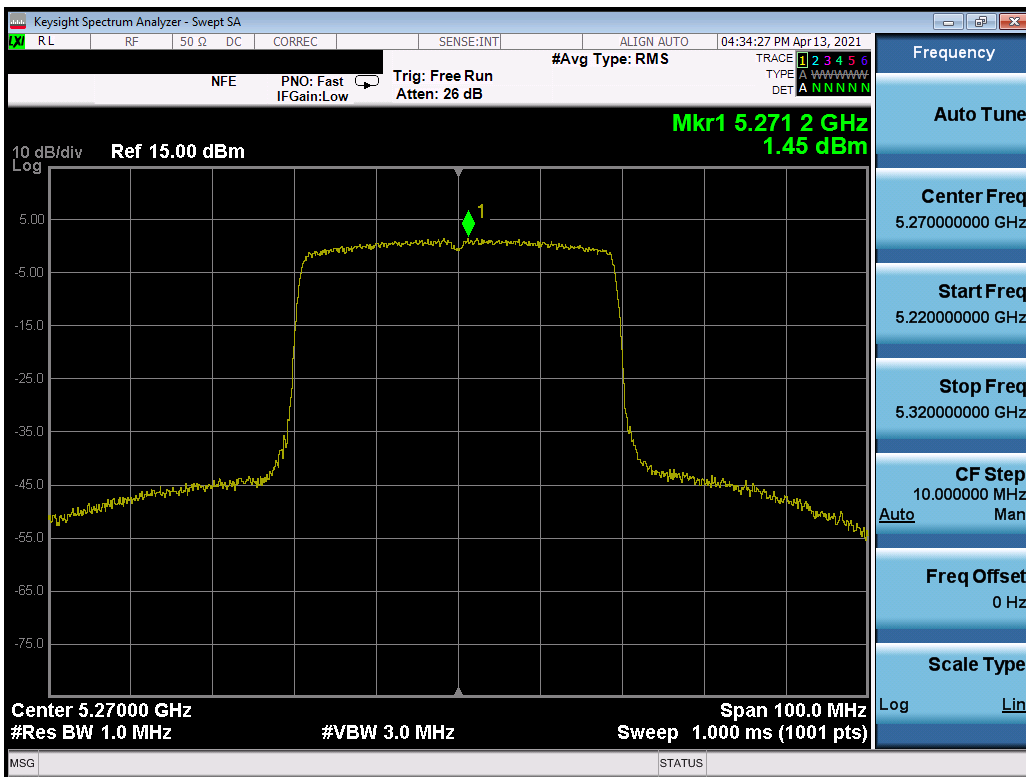


Plot 7-307. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 185 of 309



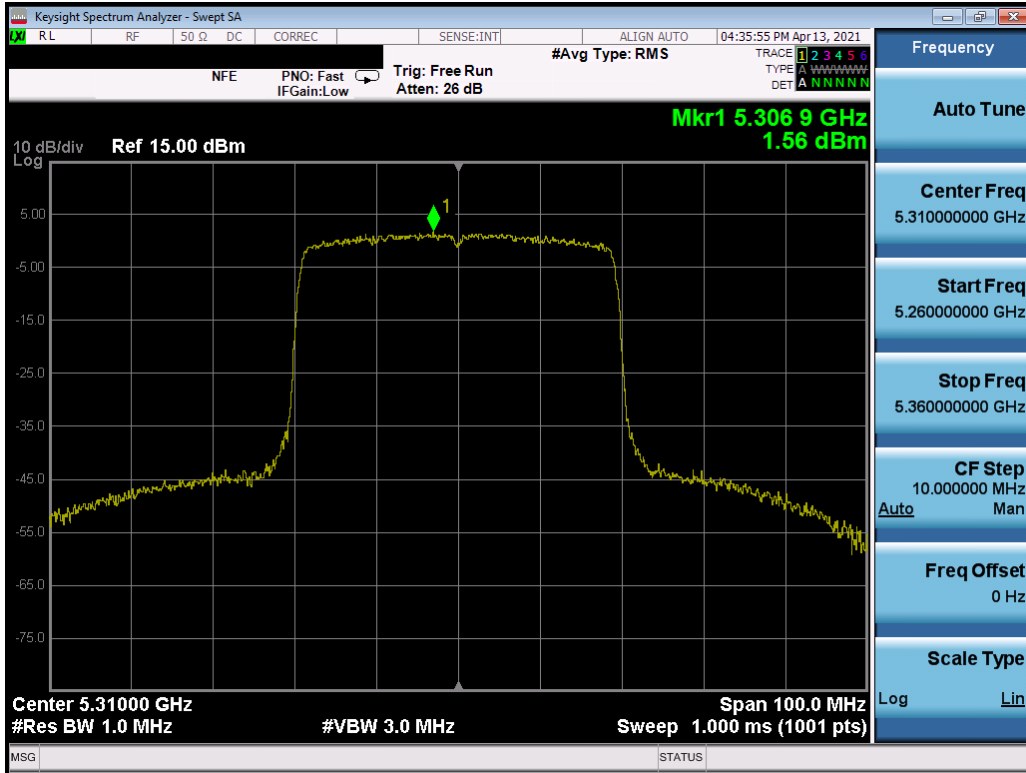
Plot 7-308. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)



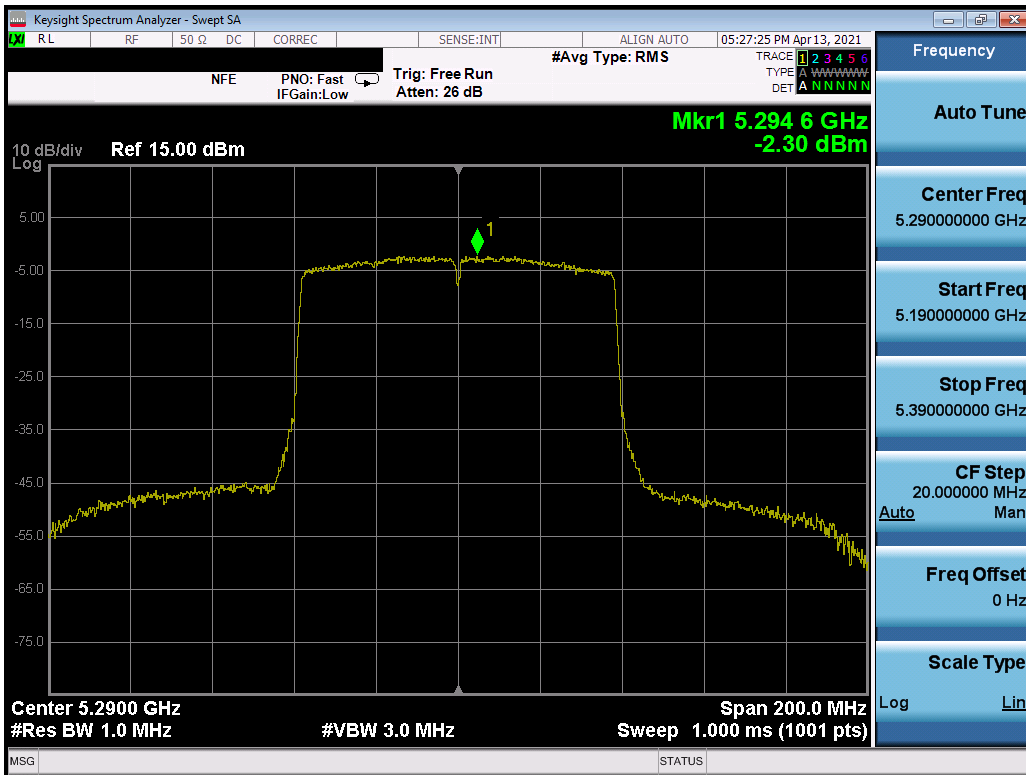
Plot 7-309. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 186 of 309



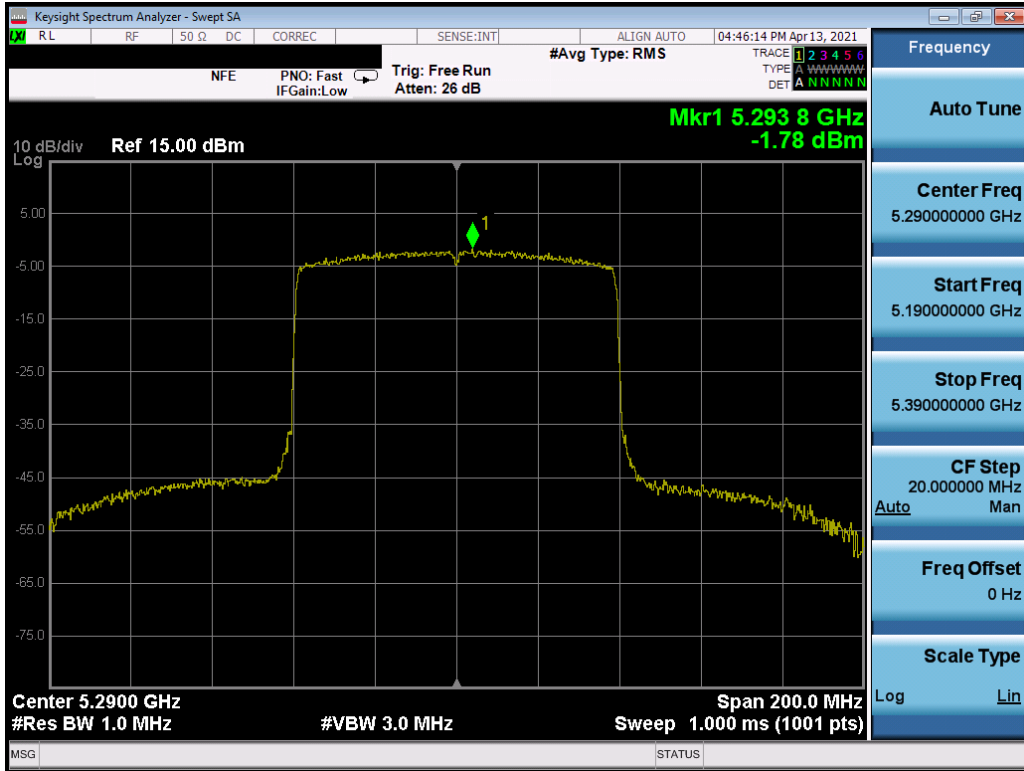


Plot 7-310. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

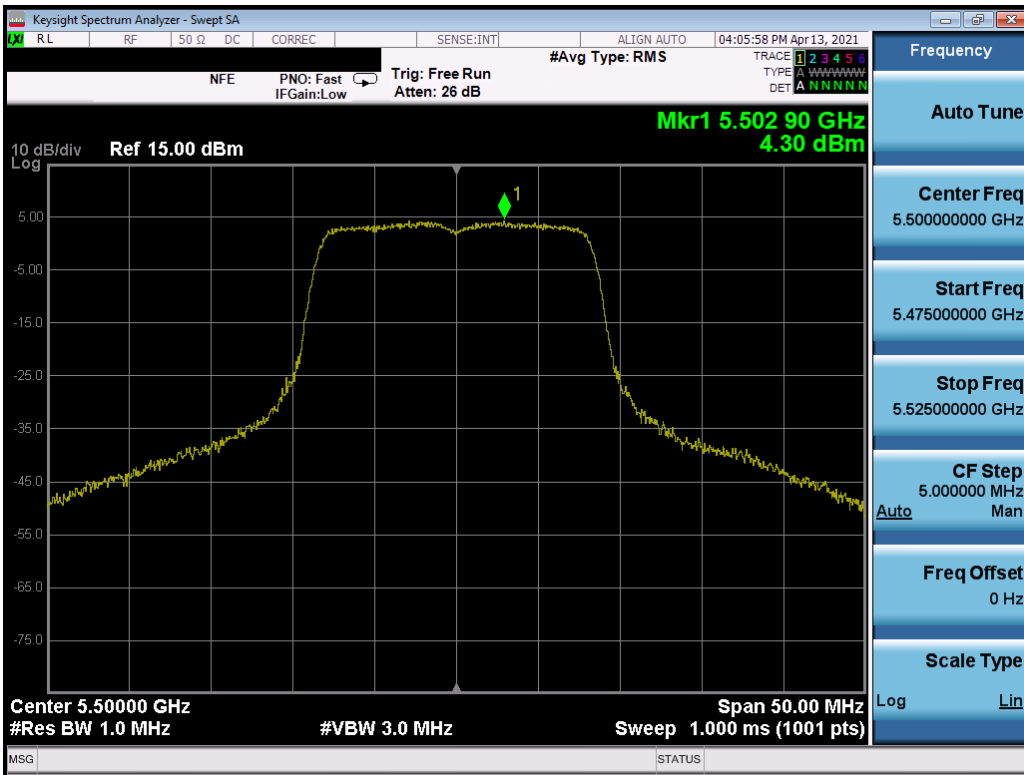


Plot 7-311. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 187 of 309

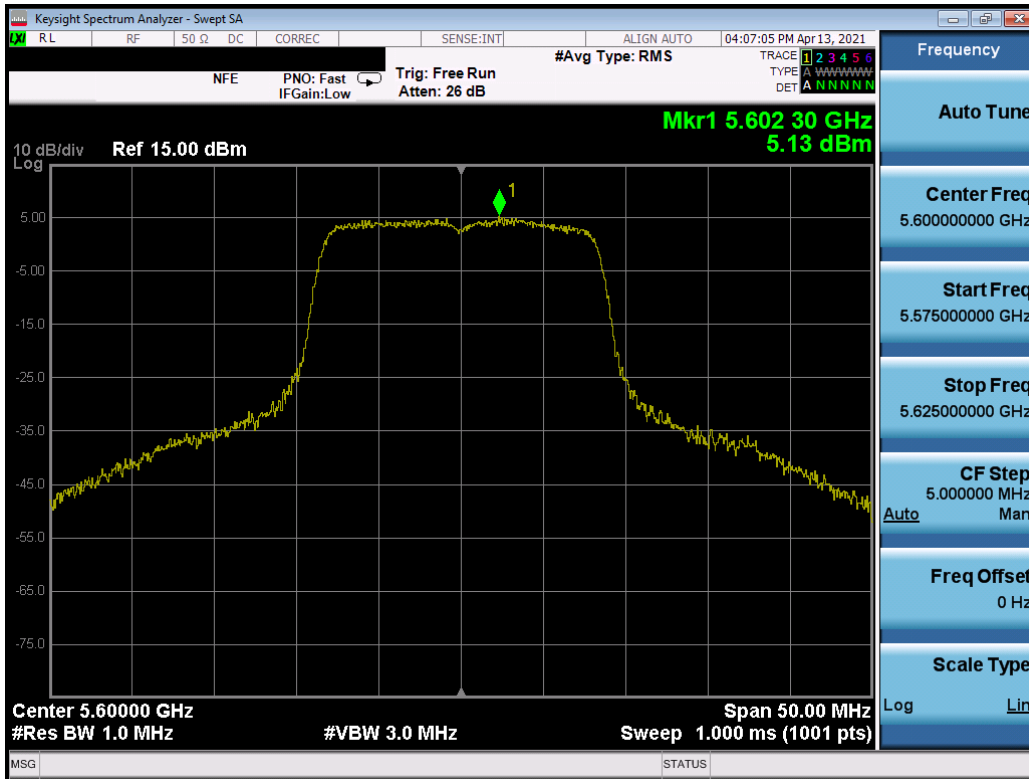


Plot 7-312. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

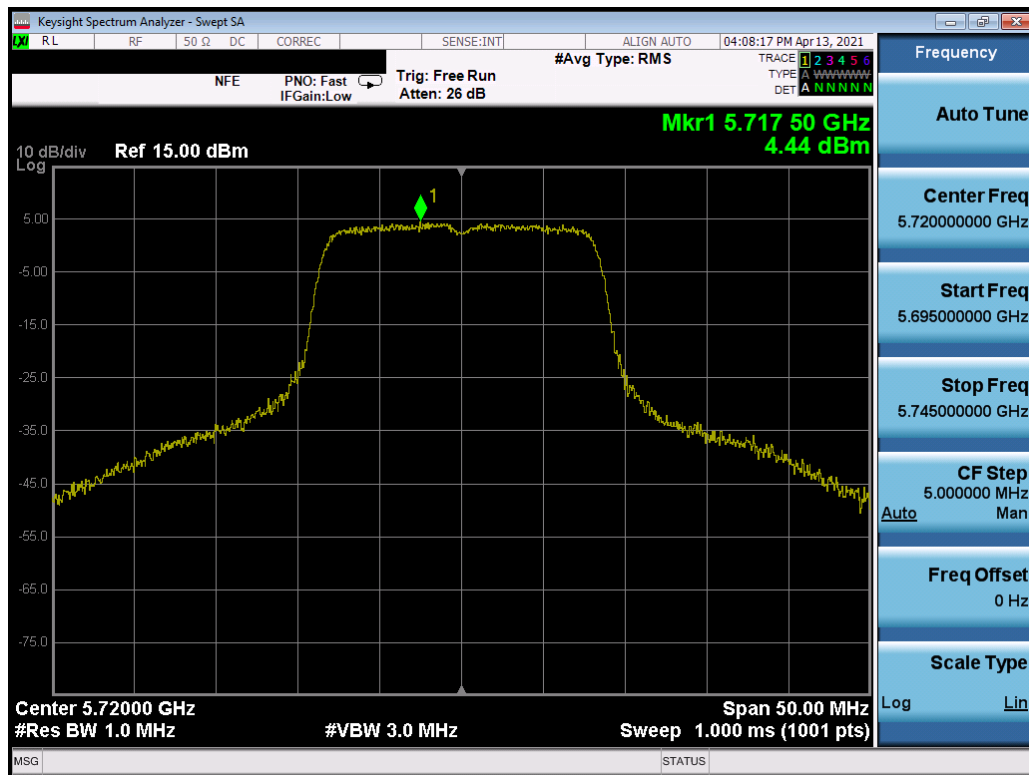


Plot 7-313. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2C) – Ch. 100)


FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 188 of 309

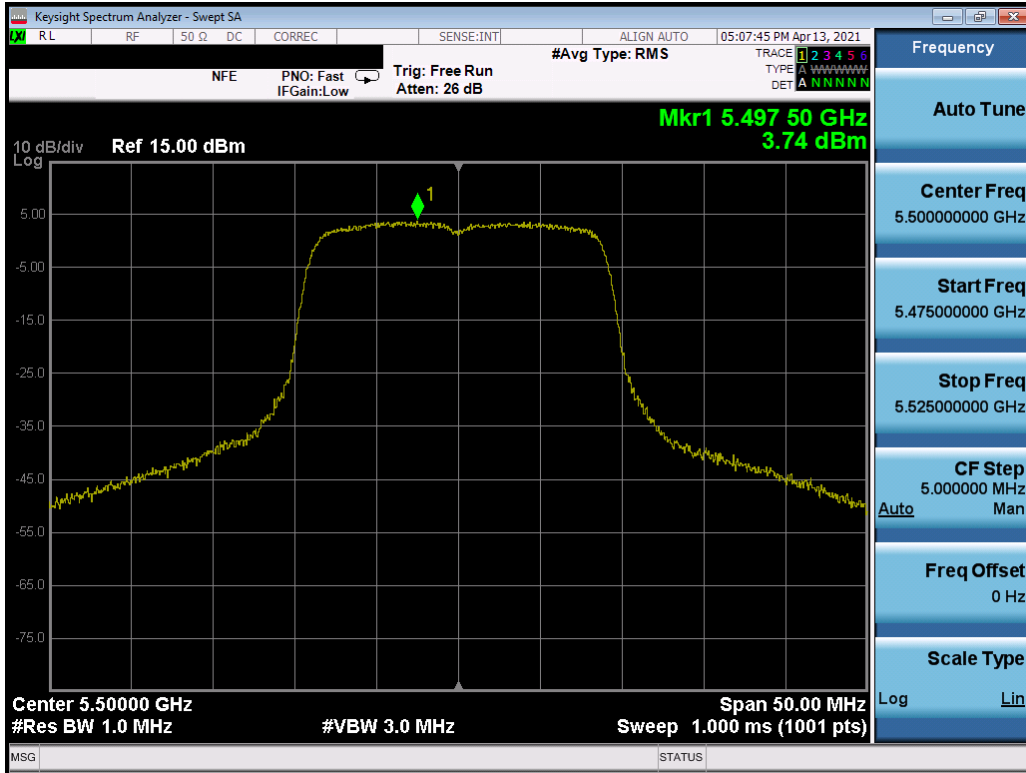


Plot 7-314. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2C) – Ch. 120)

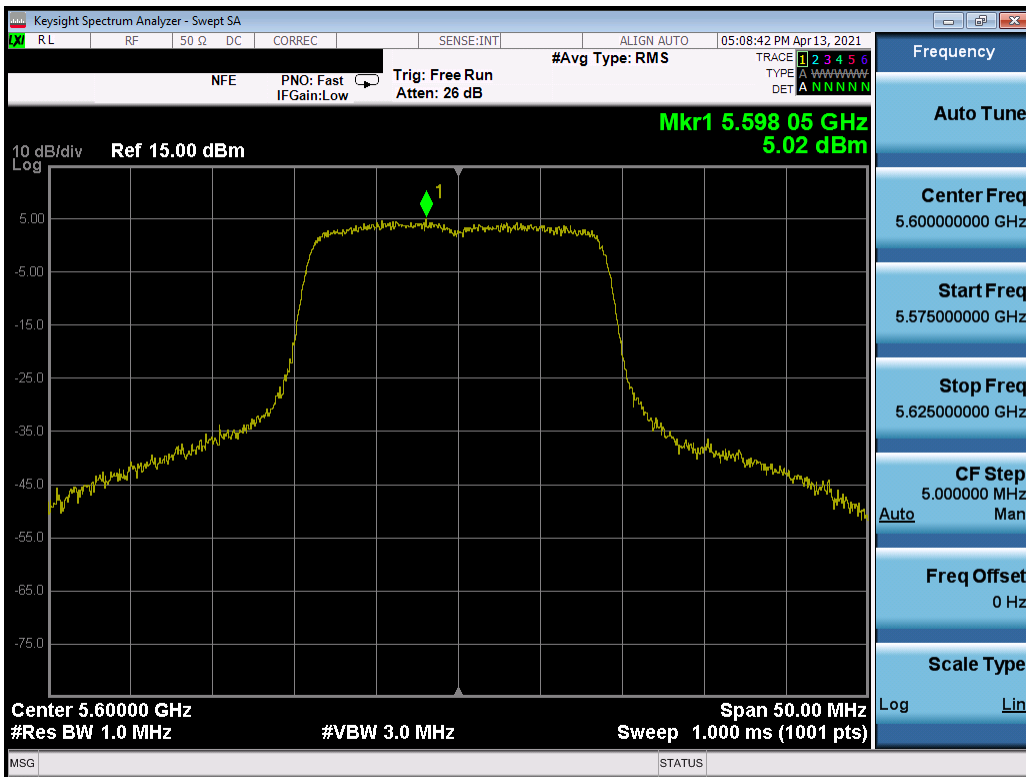


Plot 7-315. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF926JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 189 of 309

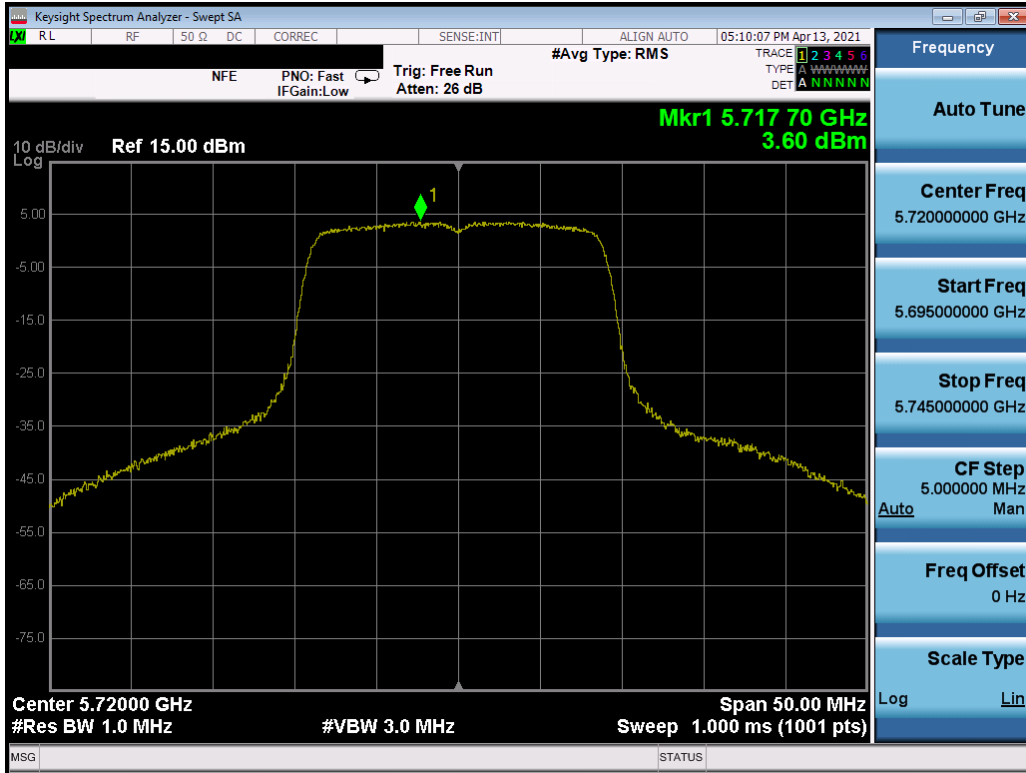


Plot 7-316. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

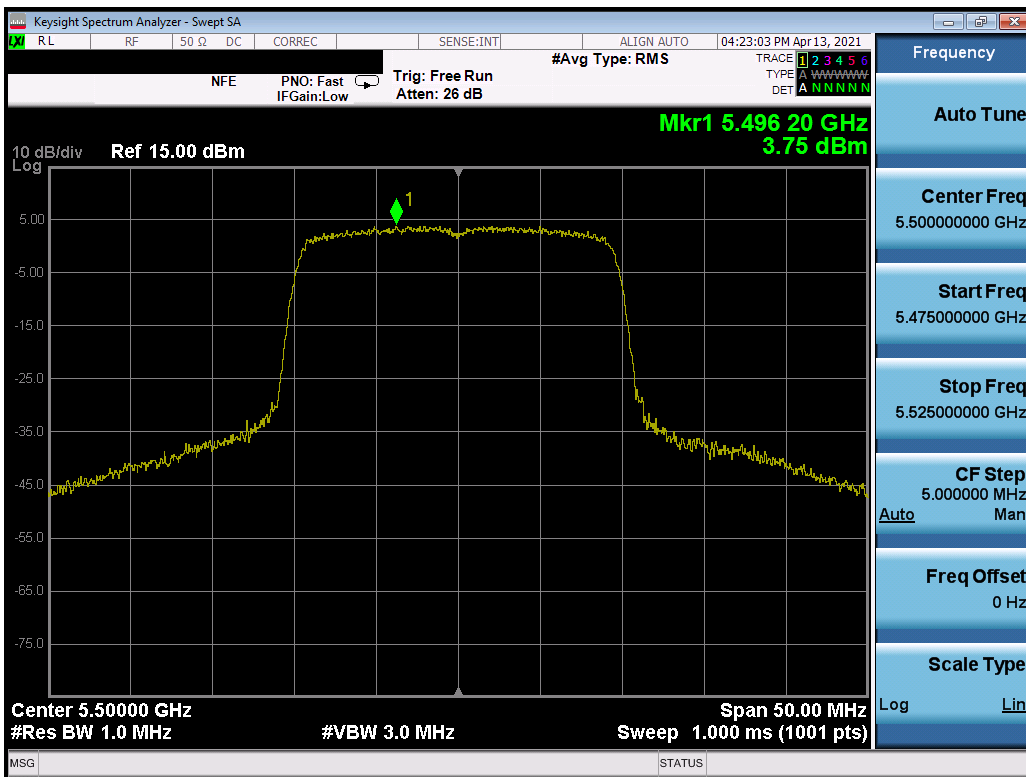


Plot 7-317. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF926JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 190 of 309

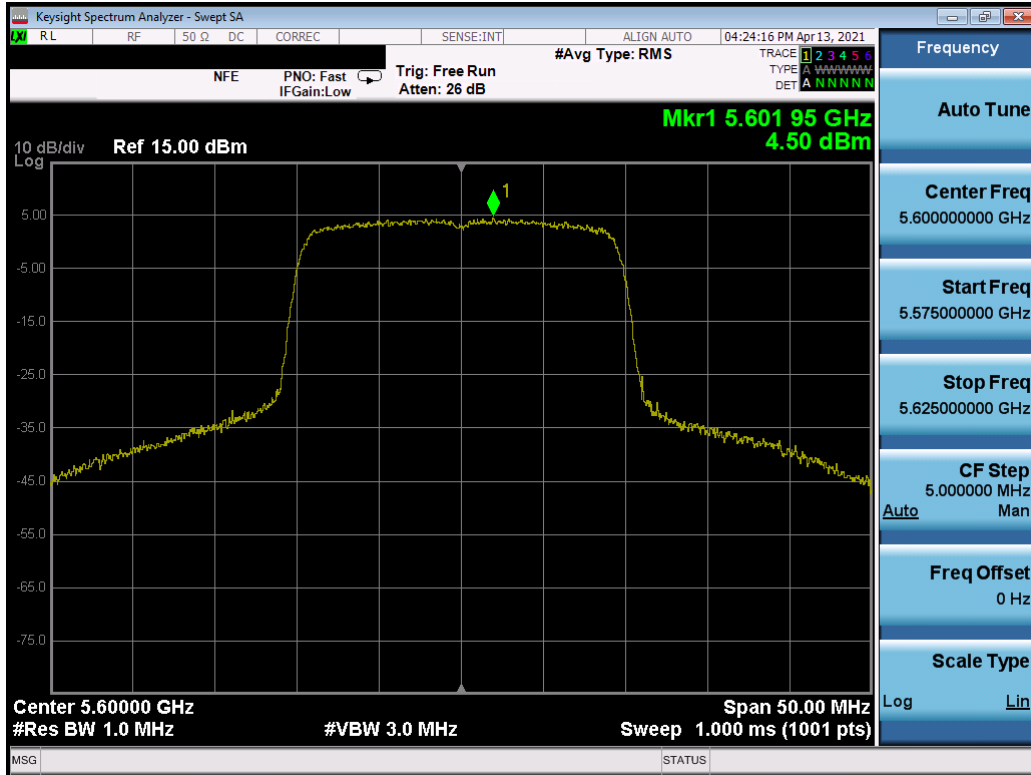


Plot 7-318. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

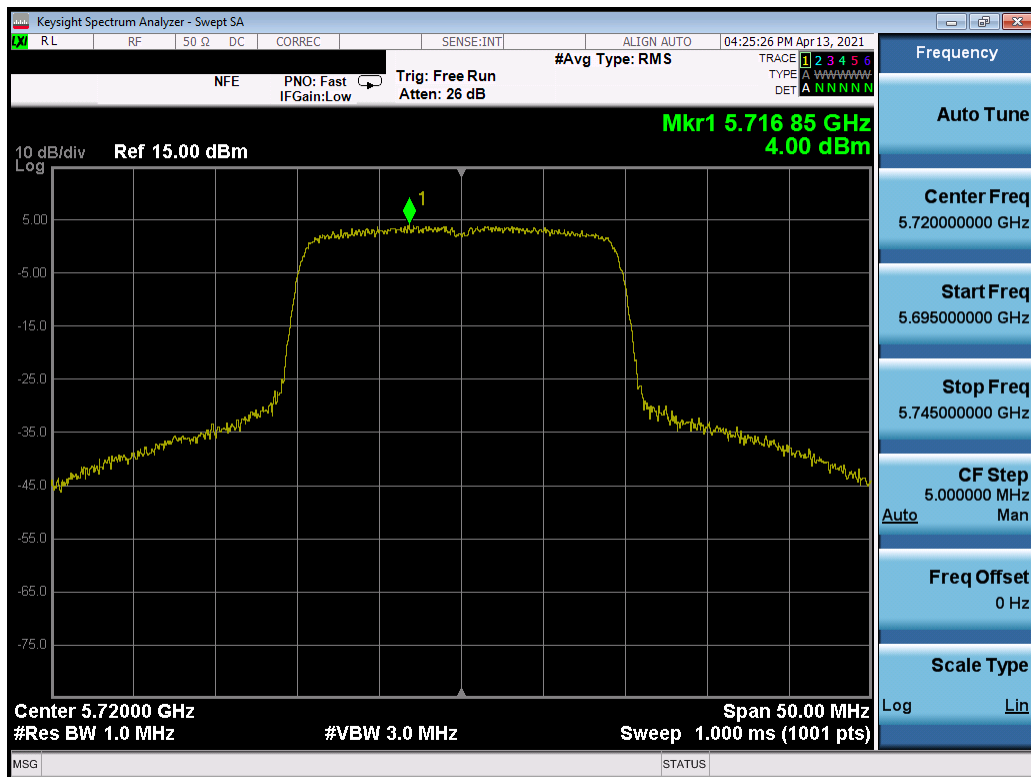


Plot 7-319. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 191 of 309

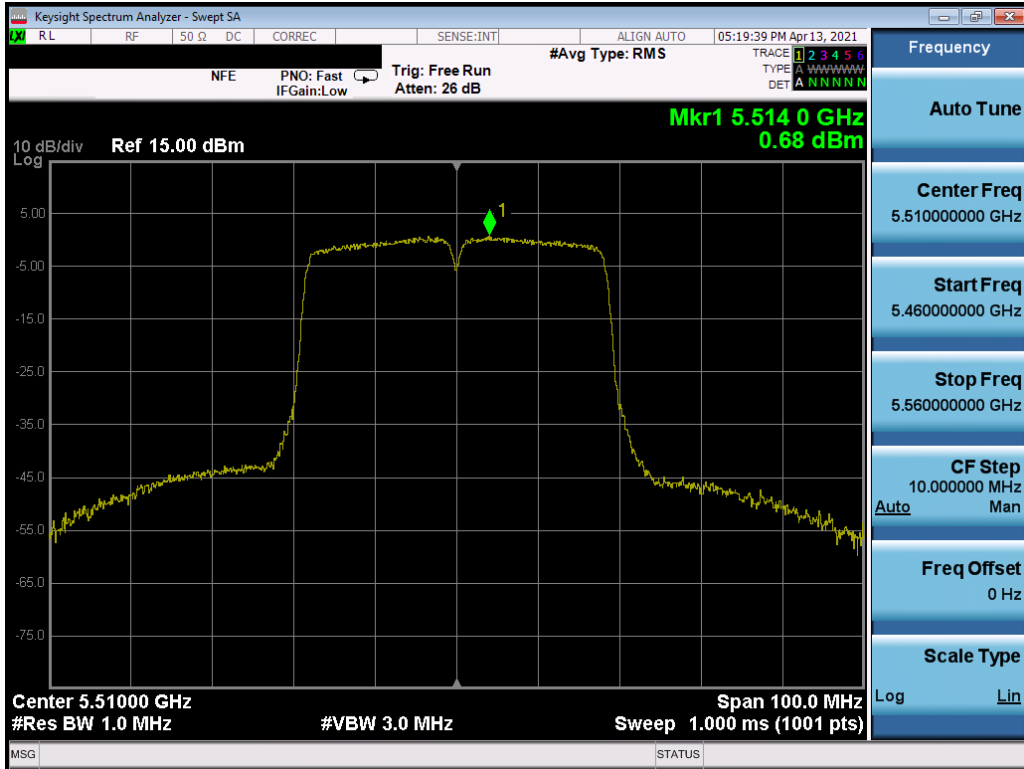


Plot 7-320. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

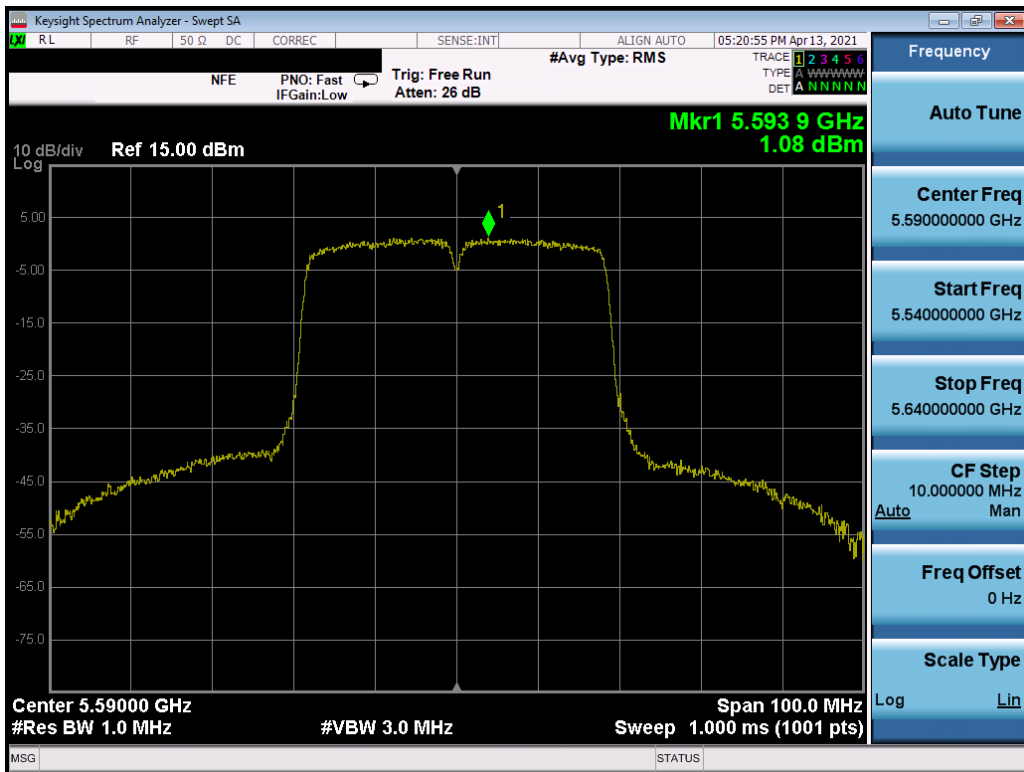


Plot 7-321. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 192 of 309

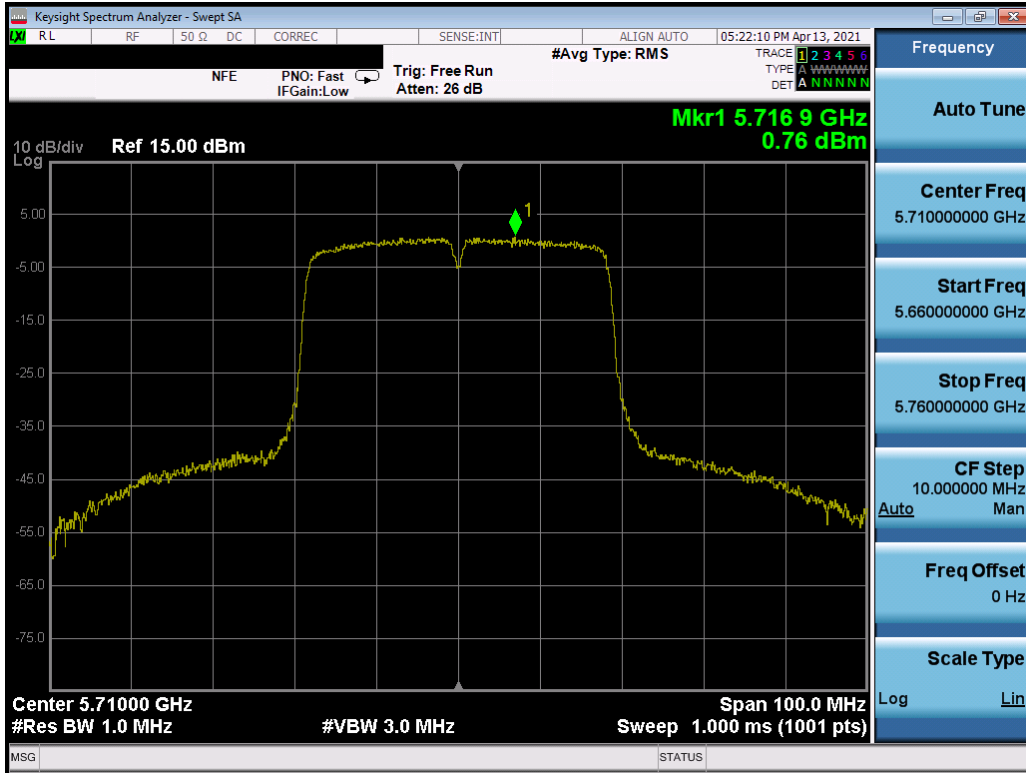


Plot 7-322. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

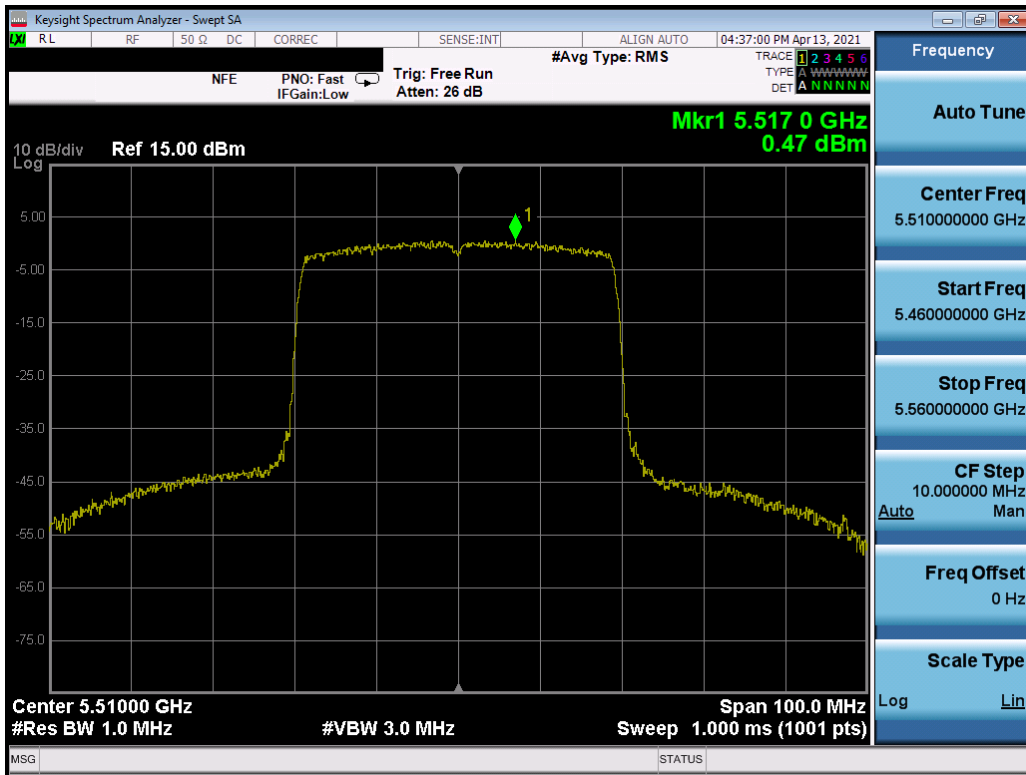


Plot 7-323. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 193 of 309



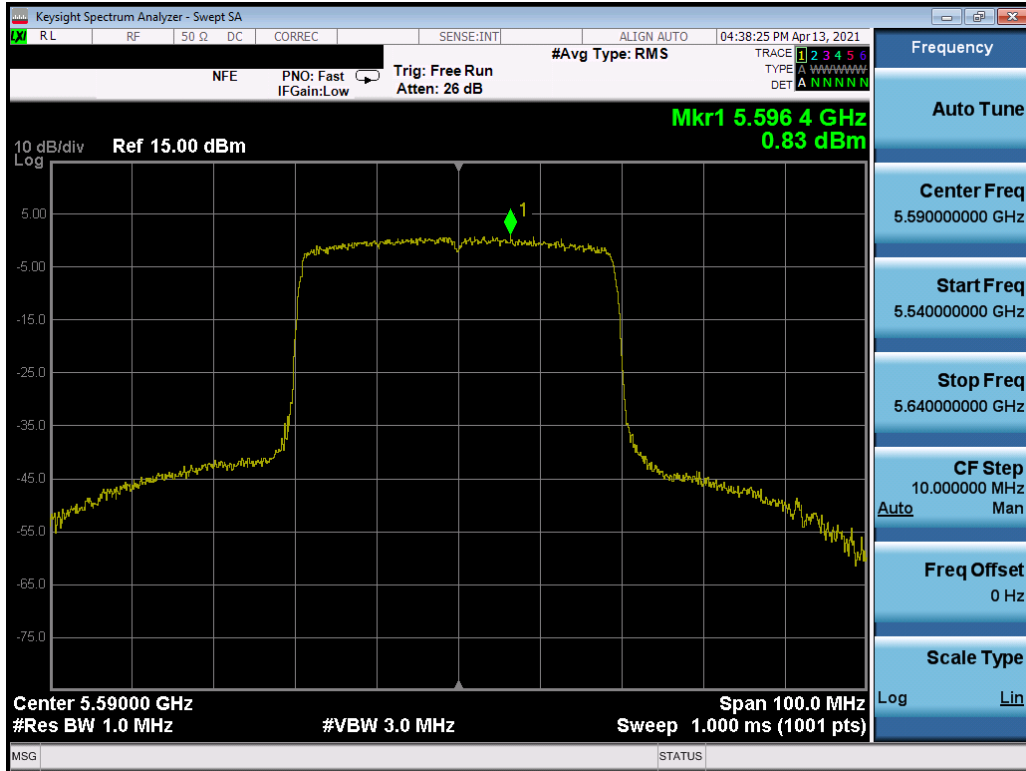
Plot 7-324. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)



Plot 7-325. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF926JPN	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 194 of 309







Plot 7-326. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)



Plot 7-327. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF926JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106230070-08.A3L	Test Dates: 04/07/2021 – 06/30/2021	EUT Type: Portable Handset		Page 195 of 309