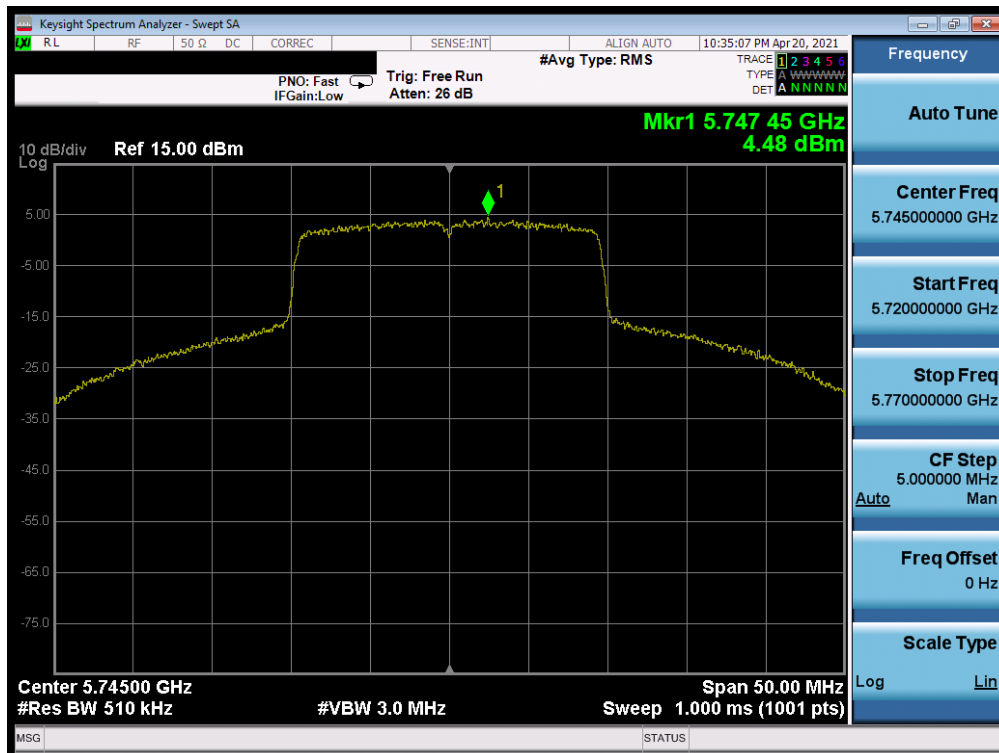
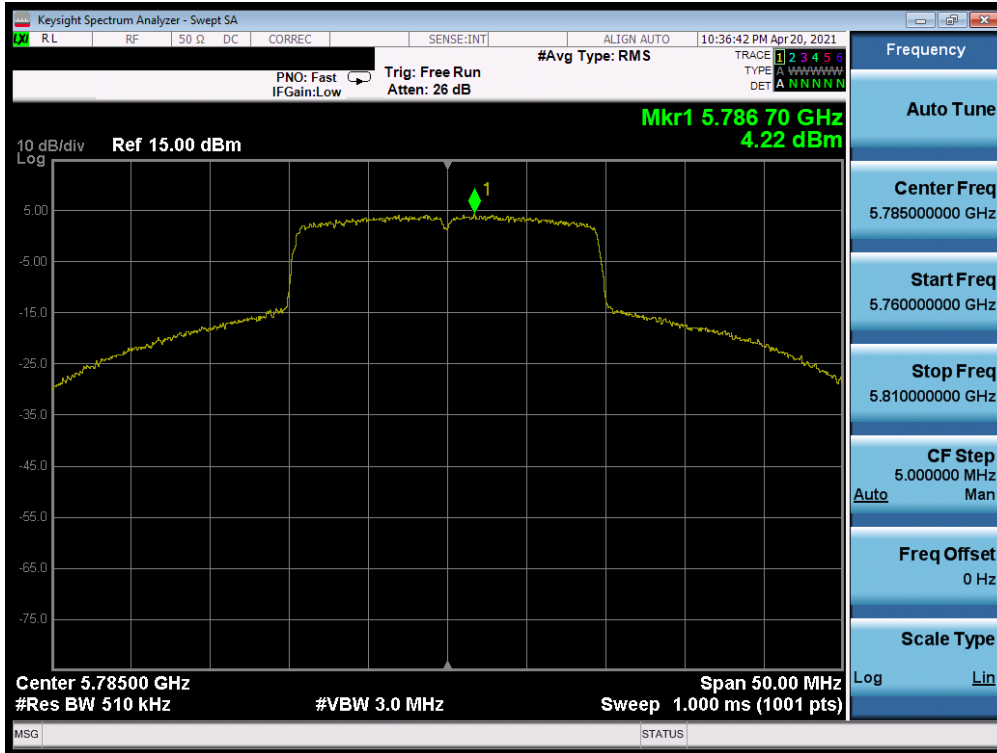


Plot 7-188. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

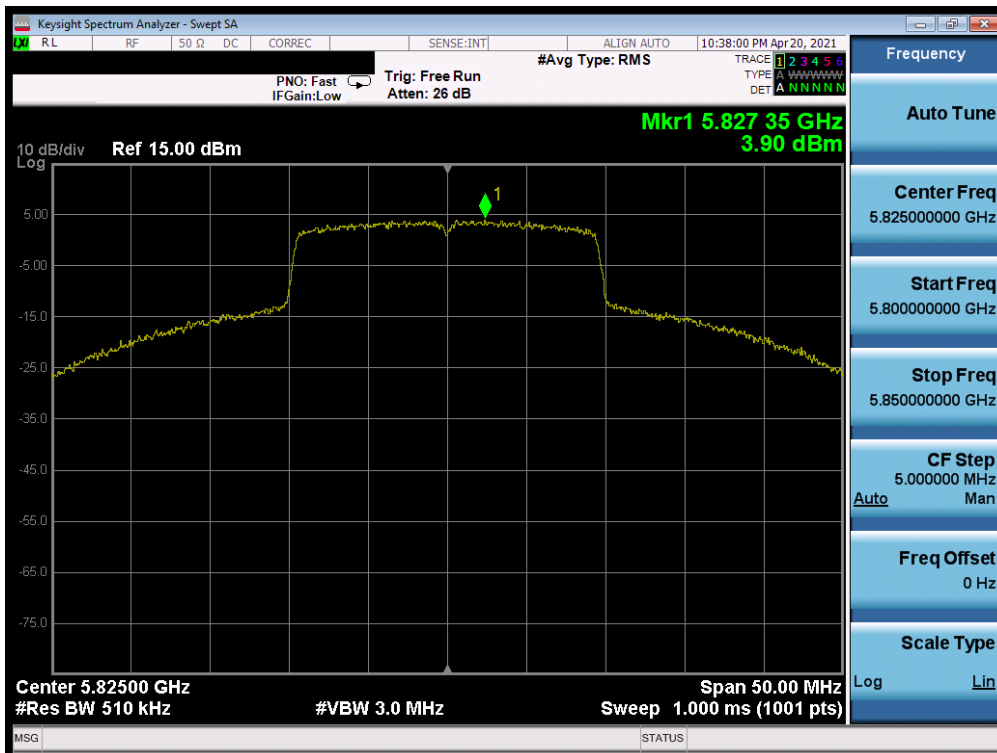


Plot 7-189. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 125 of 268

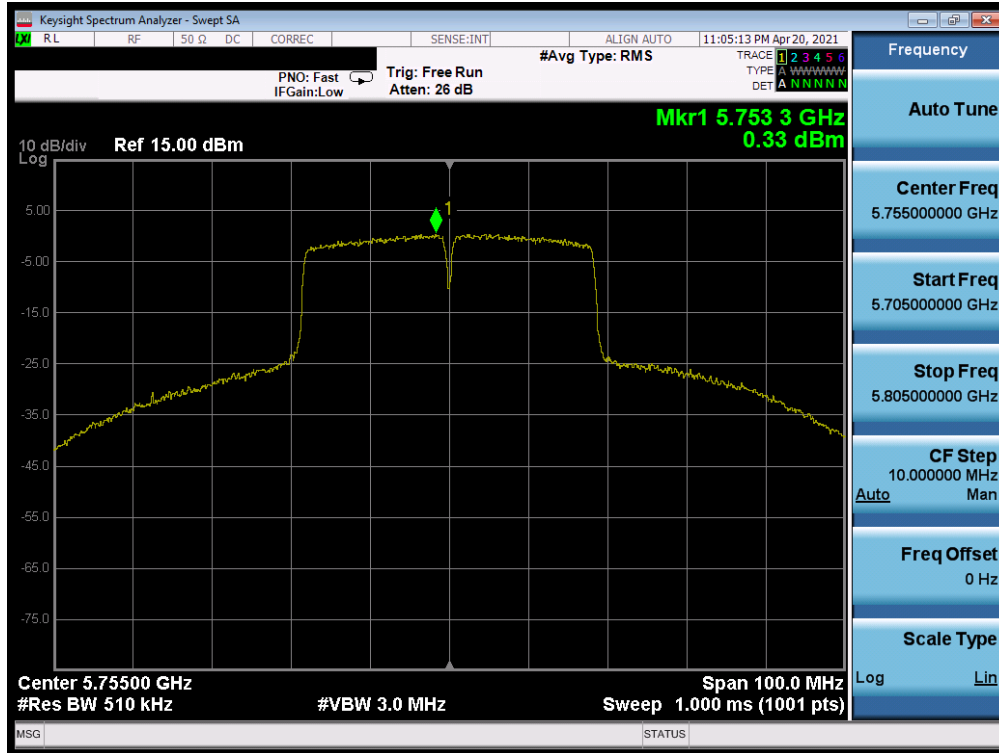


Plot 7-190. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

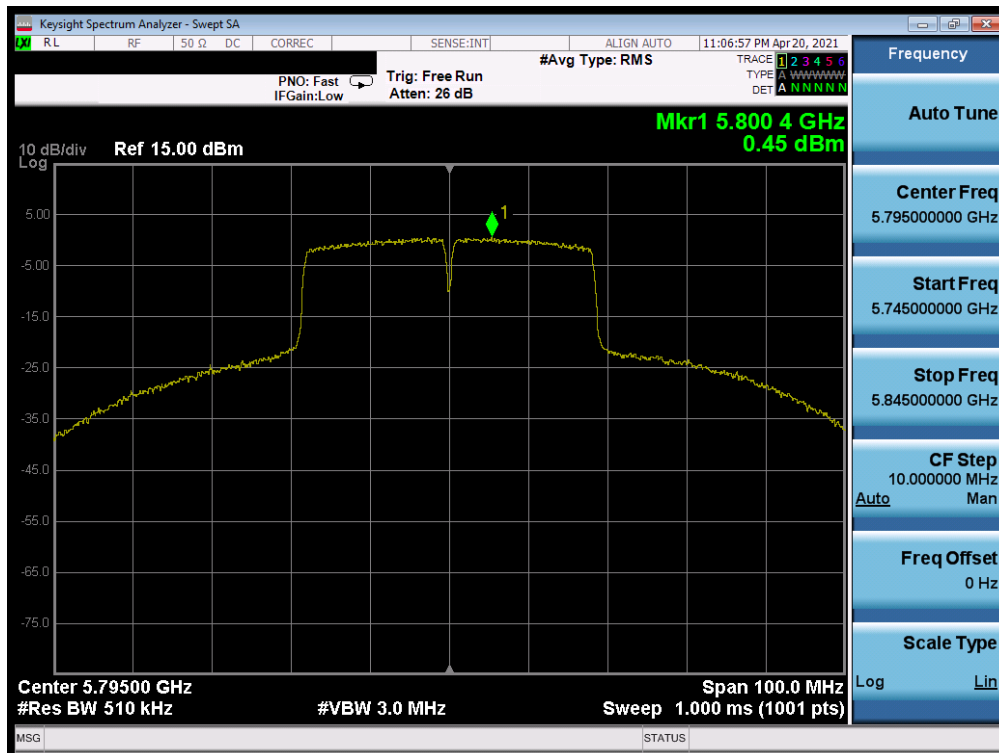


Plot 7-191. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 126 of 268

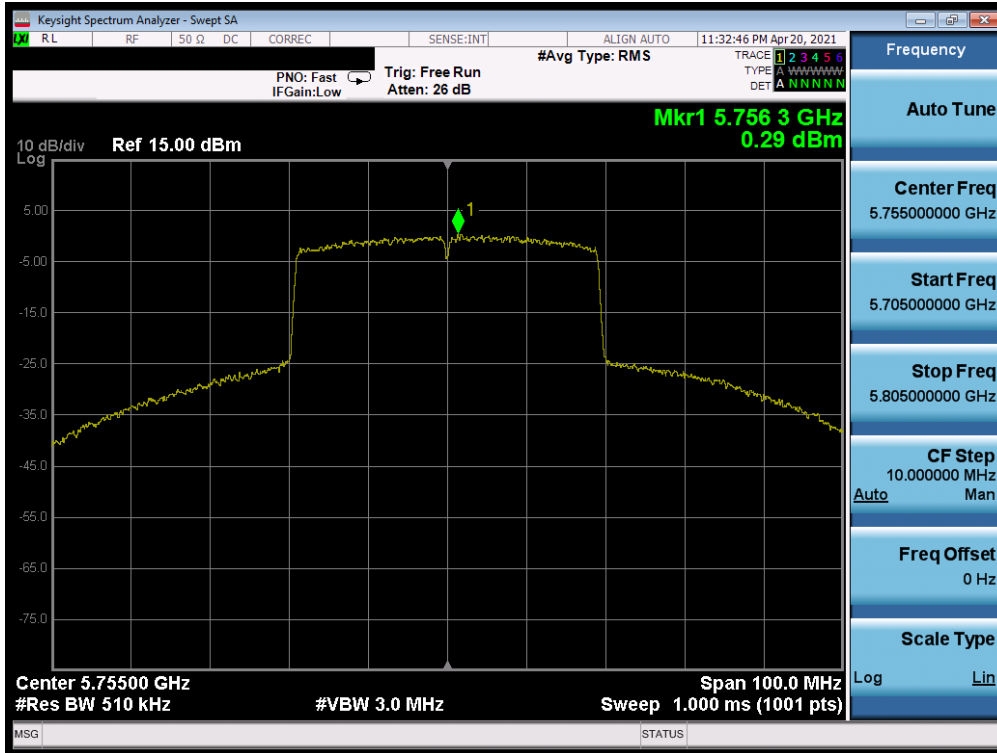


Plot 7-192. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

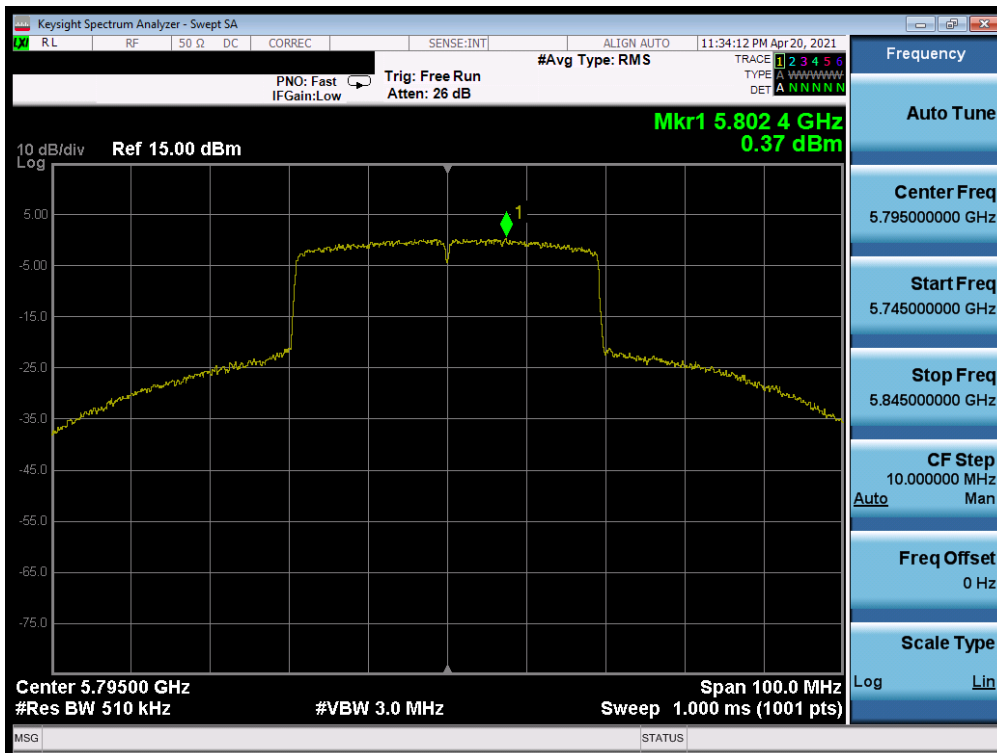


Plot 7-193. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 159)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 127 of 268



Plot 7-194. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 151)



Plot 7-195. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 159)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 128 of 268

Summed 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	5.71	4.33	8.09	11.0	-2.91
	5200	40	a	6	5.65	4.35	8.06	11.0	-2.94
	5240	48	a	6	6.51	4.93	8.80	11.0	-2.20
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	5.33	4.18	7.80	11.0	-3.20
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	5.14	3.88	7.57	11.0	-3.43
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	6.14	4.71	8.50	11.0	-2.50
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	5.23	4.03	7.68	11.0	-3.32
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	5.13	3.93	7.58	11.0	-3.42
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	6.18	4.42	8.40	11.0	-2.60
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.84	0.53	4.24	11.0	-6.76
	5230	46	n (40MHz)	13.5/15 (MCS0)	2.34	0.90	4.69	11.0	-6.31
	5190	38	ax (40MHz)	13.5/15 (MCS0)	1.73	0.50	4.17	11.0	-6.83
	5230	46	ax (40MHz)	13.5/15 (MCS0)	1.64	0.13	3.96	11.0	-7.04
5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.29	0.47	2.69	11.0	-8.31	
5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-0.49	-0.37	2.58	11.0	-8.42	
Band 2A	5260	52	a	6	6.08	5.40	8.76	11.0	-2.24
	5280	56	a	6	6.53	6.25	9.40	11.0	-1.60
	5320	64	a	6	6.51	6.26	9.39	11.0	-1.61
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	6.98	5.06	9.13	11.0	-1.87
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	6.90	5.88	9.43	11.0	-1.57
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	6.73	5.88	9.34	11.0	-1.66
	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	6.31	5.16	8.78	11.0	-2.22
	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	6.78	5.99	9.41	11.0	-1.59
	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	6.79	6.03	9.44	11.0	-1.56
	5270	54	n (40MHz)	13.5/15 (MCS0)	3.15	1.61	5.46	11.0	-5.54
	5310	62	n (40MHz)	13.5/15 (MCS0)	2.98	2.25	5.64	11.0	-5.36
	5270	54	ax (40MHz)	13.5/15 (MCS0)	2.24	0.95	4.65	11.0	-6.35
	5310	62	ax (40MHz)	13.5/15 (MCS0)	2.45	1.26	4.91	11.0	-6.09
5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-0.55	0.06	2.78	11.0	-8.22	
5290	58	ax (80MHz)	29.3/32.5 (MCS0)	-0.54	-0.36	2.56	11.0	-8.44	
Band 2C	5500	100	a	6	6.72	6.63	9.69	11.0	-1.31
	5600	120	a	6	5.66	5.66	8.67	11.0	-2.33
	5720	144	a	6	6.19	5.16	8.72	11.0	-2.28
	5500	100	n (20MHz)	6.5/7.2 (MCS0)	6.58	6.18	9.39	11.0	-1.61
	5600	120	n (20MHz)	6.5/7.2 (MCS0)	5.10	4.97	8.04	11.0	-2.96
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	6.15	4.92	8.59	11.0	-2.41
	5500	100	ax (20MHz)	6.5/7.2 (MCS0)	6.65	6.09	9.39	11.0	-1.61
	5600	120	ax (20MHz)	6.5/7.2 (MCS0)	5.55	4.57	8.10	11.0	-2.90
	5720	144	ax (20MHz)	6.5/7.2 (MCS0)	6.35	4.54	8.55	11.0	-2.45
	5510	102	n (40MHz)	13.5/15 (MCS0)	3.42	3.73	6.59	11.0	-4.41
	5590	118	n (40MHz)	13.5/15 (MCS0)	2.46	1.78	5.14	11.0	-5.86
	5710	142	n (40MHz)	13.5/15 (MCS0)	3.25	4.47	6.91	11.0	-4.09
	5510	102	ax (40MHz)	13.5/15 (MCS0)	2.06	2.99	5.56	11.0	-5.44
	5590	118	ax (40MHz)	13.5/15 (MCS0)	1.90	1.08	4.52	11.0	-6.48
	5710	142	ax (40MHz)	13.5/15 (MCS0)	2.93	4.12	6.58	11.0	-4.42
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-1.19	-2.06	1.41	11.0	-9.59
	5610	122	ac (80MHz)	29.3/32.5 (MCS0)	-1.87	-2.65	0.77	11.0	-10.23
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	-3.79	-2.90	-0.31	11.0	-11.31
5530	106	ax (80MHz)	29.3/32.5 (MCS0)	-2.21	-1.89	0.96	11.0	-10.04	
5610	122	ax (80MHz)	29.3/32.5 (MCS0)	-2.41	-2.32	0.64	11.0	-10.36	
5690	138	ax (80MHz)	29.3/32.5 (MCS0)	-6.34	-6.56	-3.44	11.0	-14.44	

Table 7-20. Bands 1, 2A, 2C MIMO Conducted Power Spectral Density Measurements

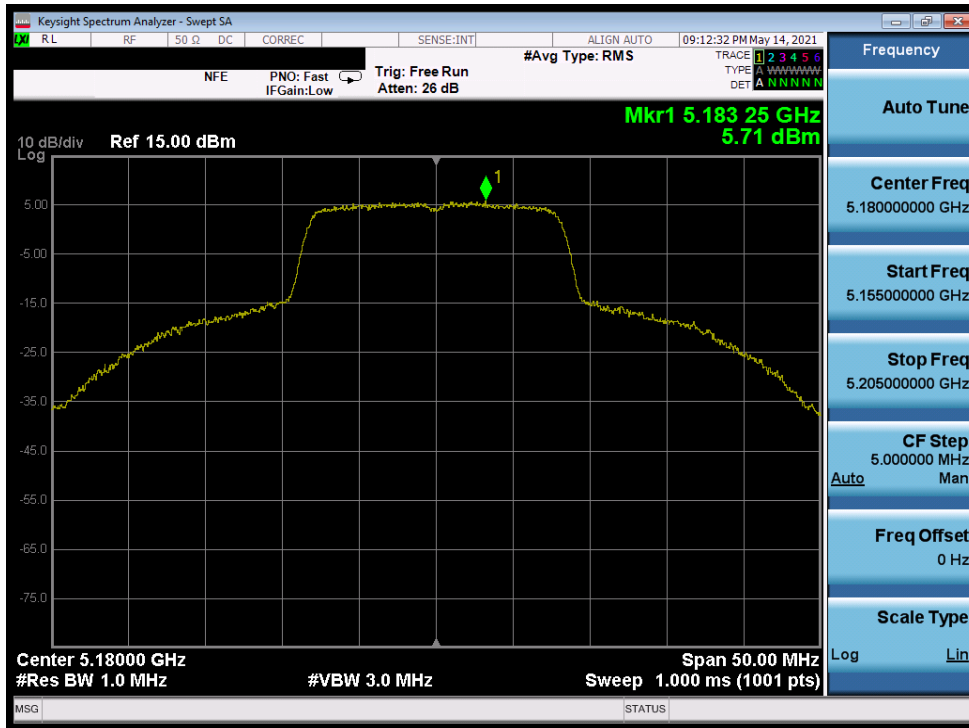
FCC ID: A3LSMF711U1	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 130 of 268

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Antenn-1 Power Density [dBm]	Antenn-2 Power Density [dBm]	Summed MIMO Power Density [dBm]	Max Permissible Power Density	Margin [dB]
Band 3	5745	149	a	6	4.80	5.69	8.28	30.0	-21.72
	5785	157	a	6	4.94	5.09	8.02	30.0	-21.98
	5825	165	a	6	5.28	5.14	8.22	30.0	-21.78
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	4.44	6.08	8.35	30.0	-21.65
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	4.63	5.00	7.83	30.0	-22.17
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	4.83	5.42	8.15	30.0	-21.85
	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	4.46	5.71	8.14	30.0	-21.86
	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	4.82	4.92	7.88	30.0	-22.12
	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	4.89	5.05	7.98	30.0	-22.02
	5755	151	n (40MHz)	13.5/15 (MCS0)	0.73	2.58	4.76	30.0	-25.24
	5795	159	n (40MHz)	13.5/15 (MCS0)	0.95	1.96	4.49	30.0	-25.51
	5755	151	ax (40MHz)	13.5/15 (MCS0)	0.67	2.56	4.73	30.0	-25.27
	5795	159	ax (40MHz)	13.5/15 (MCS0)	1.02	1.93	4.51	30.0	-25.49
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	0.22	1.07	3.68	30.0	-26.32
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	0.31	1.06	3.71	30.0	-26.29

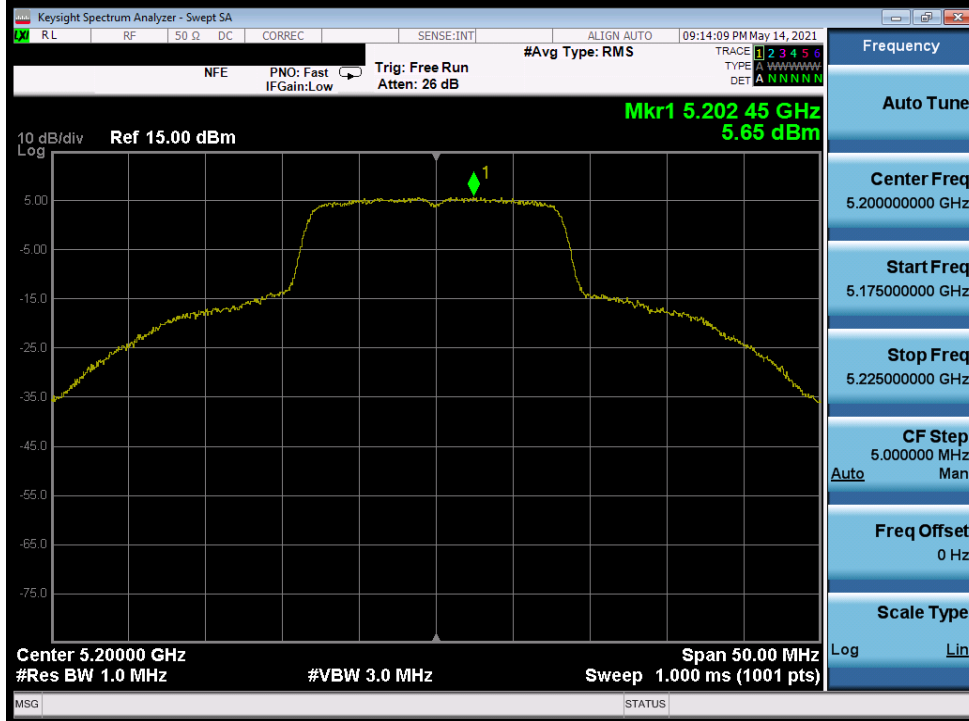
Table 7-21. Band 3 MIMO Conducted Power Spectral Density Measurements

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 131 of 268

MIMO Antenna-1 Band 1, 2A, 2C Power Spectral Density Measurements

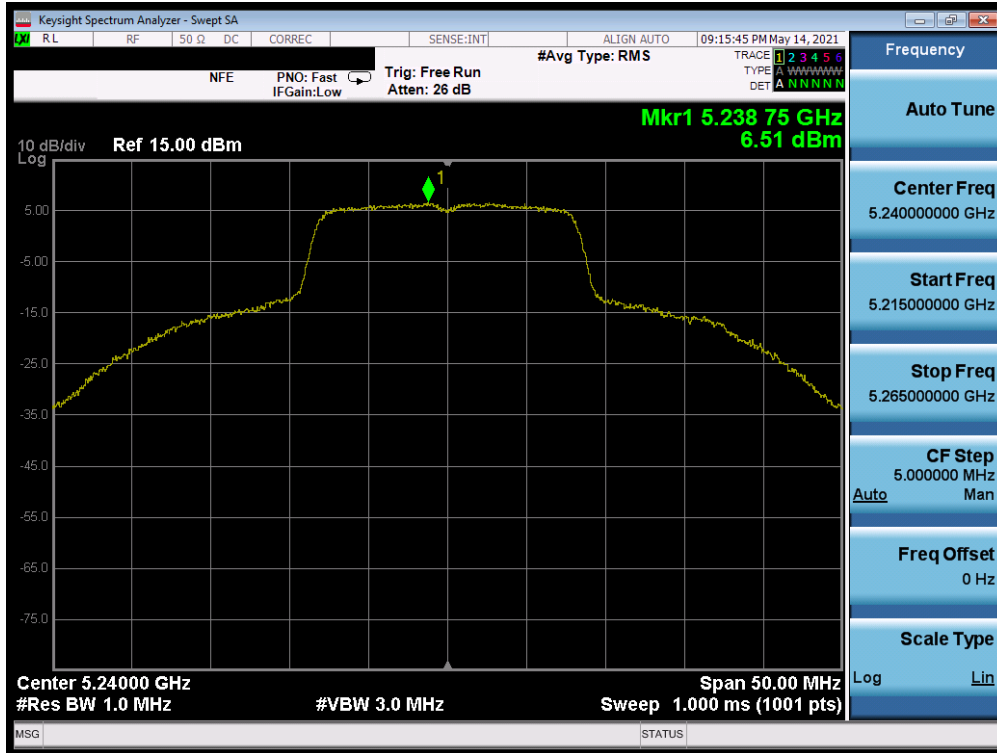


Plot 7-198. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 1) – Ch. 36)

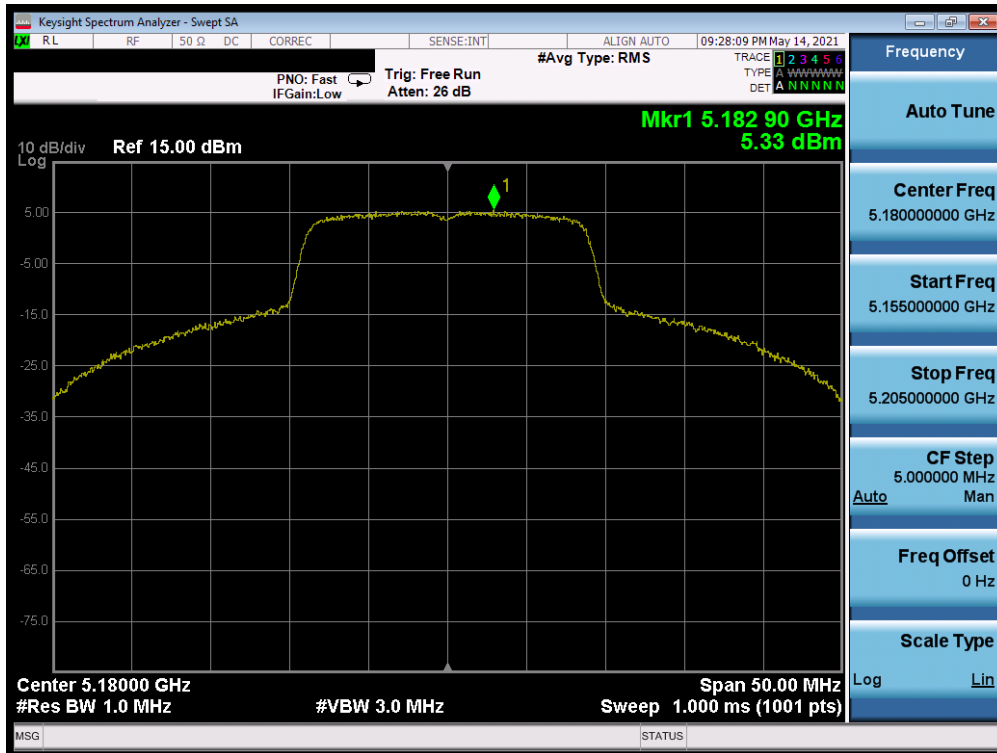


Plot 7-199. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U1		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 132 of 268

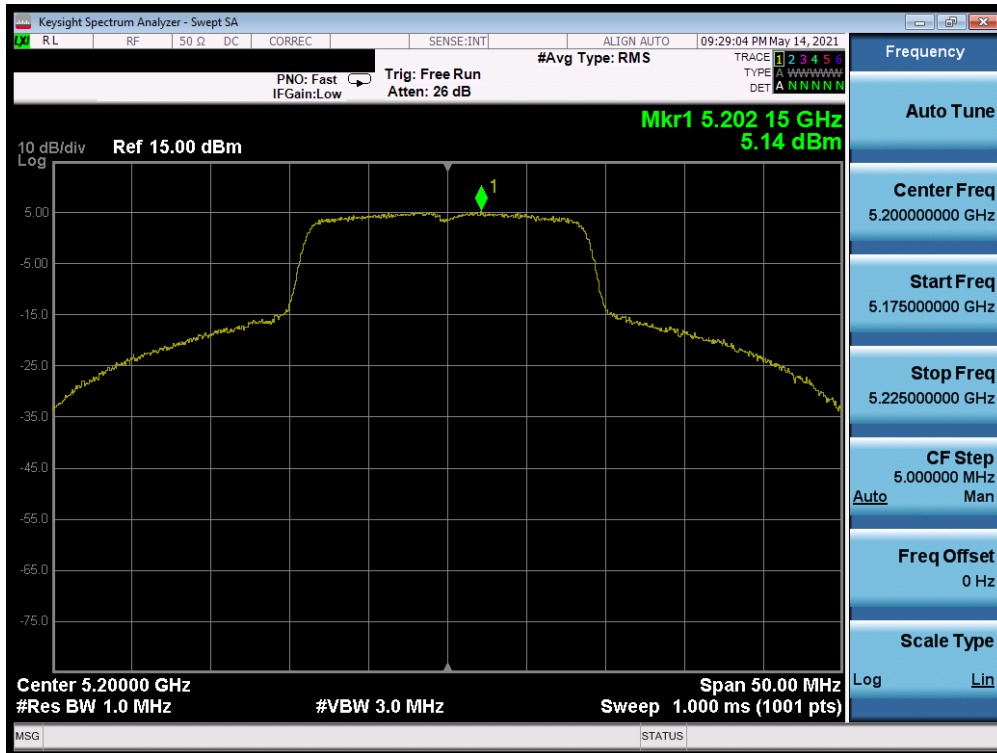


Plot 7-200. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 1) – Ch. 48)

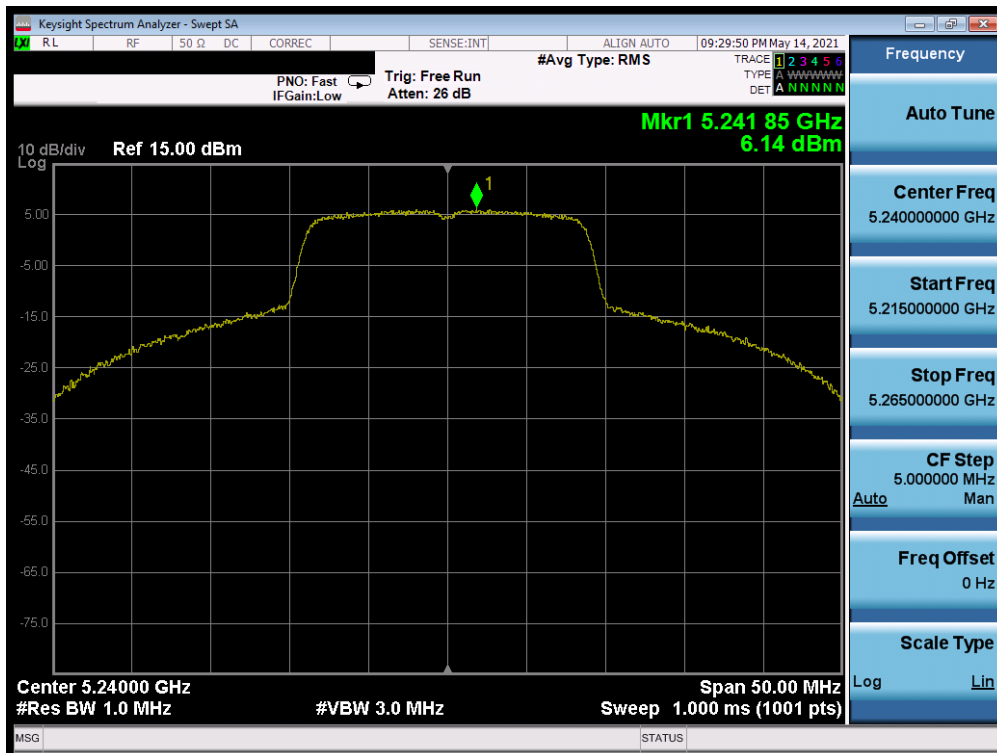


Plot 7-201. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 133 of 268

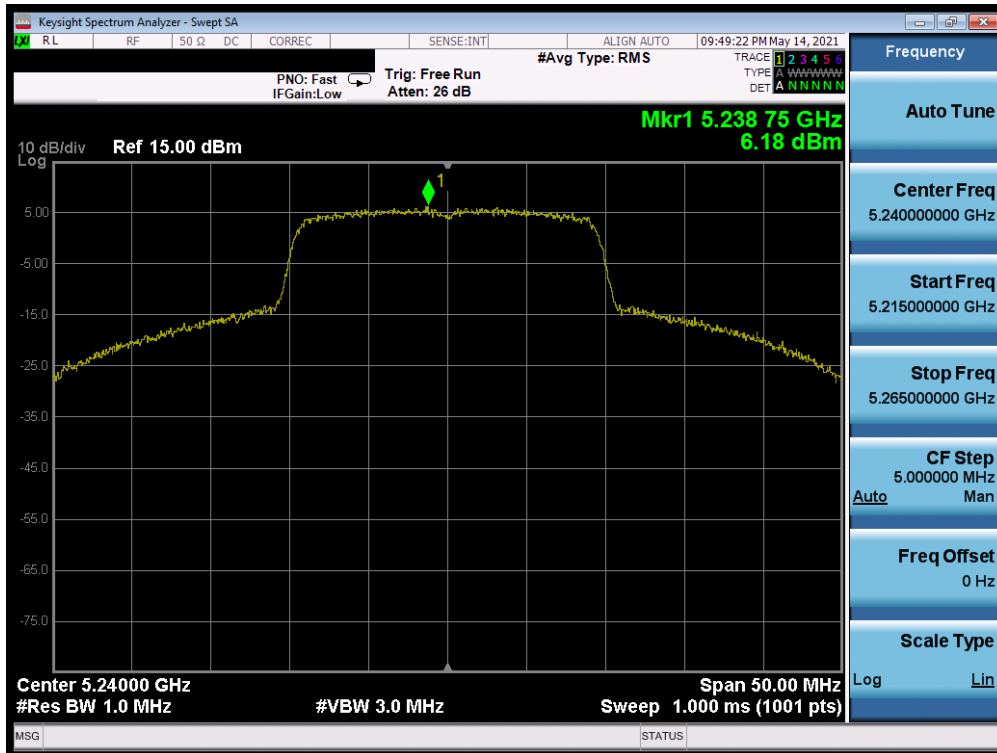


Plot 7-202. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

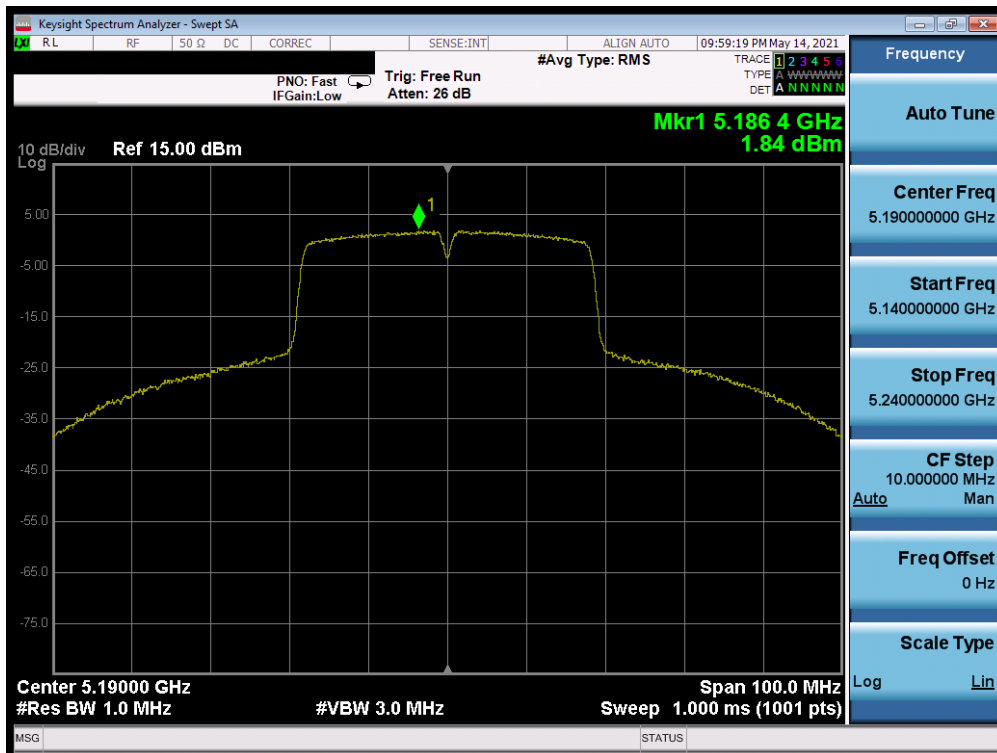


Plot 7-203. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 134 of 268

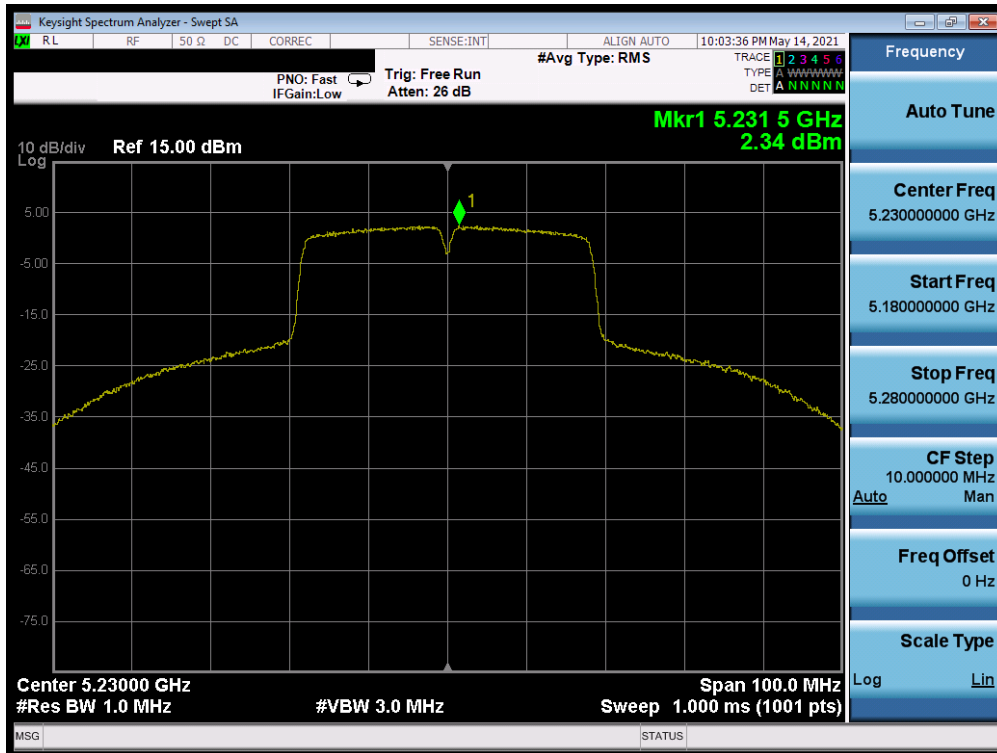


Plot 7-206. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

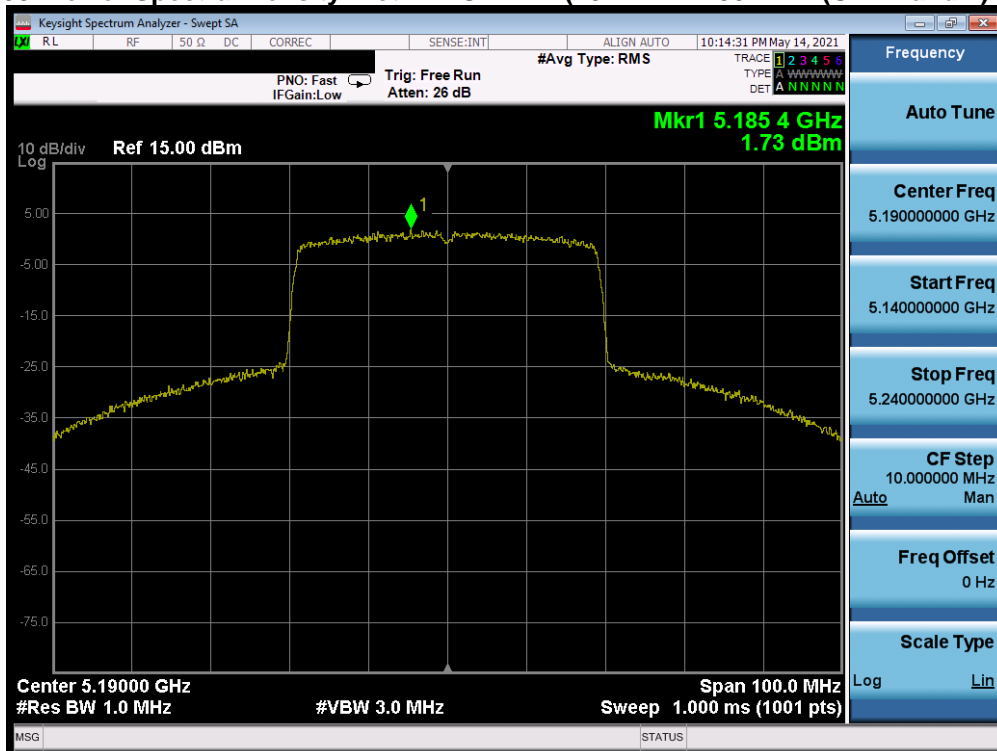


Plot 7-207. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 136 of 268

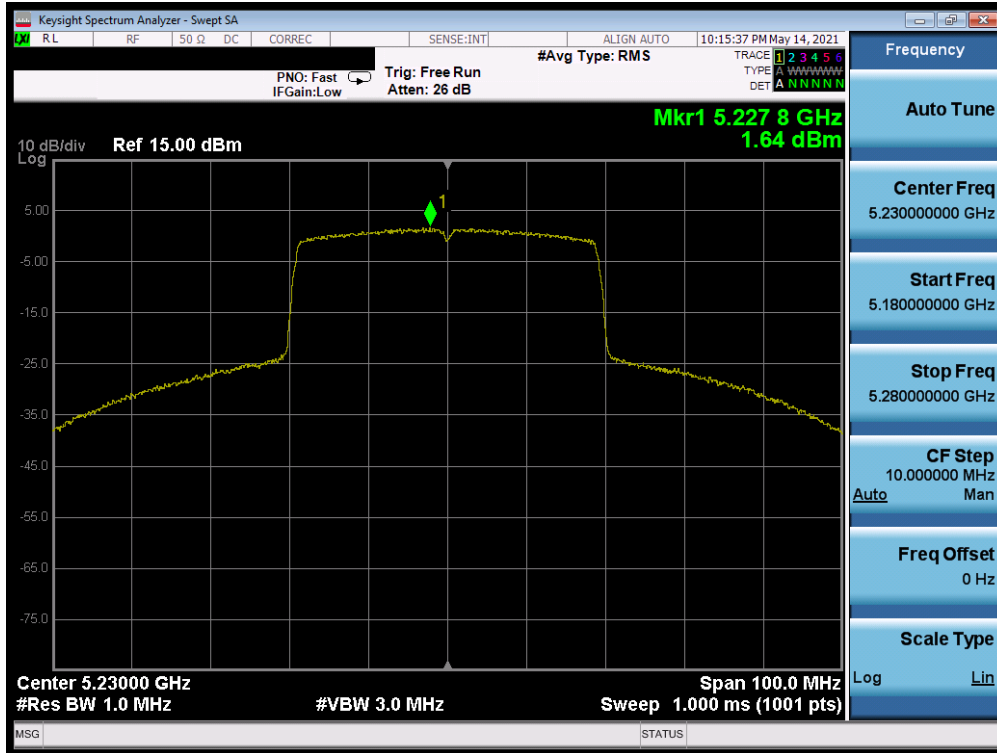


Plot 7-208. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

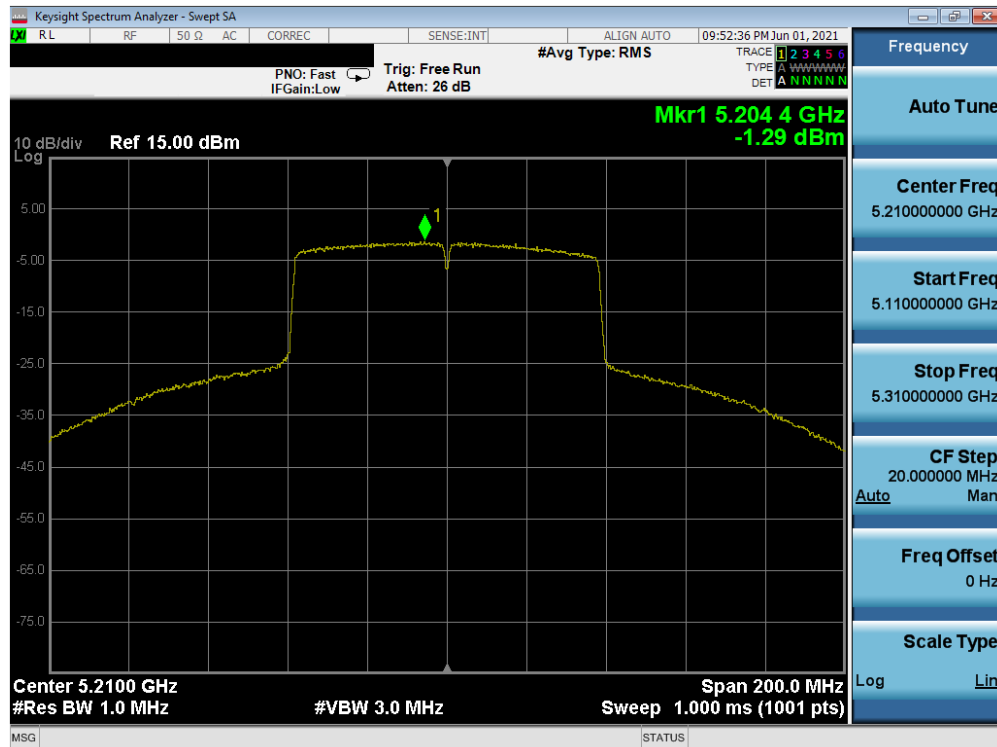


Plot 7-209. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 137 of 268

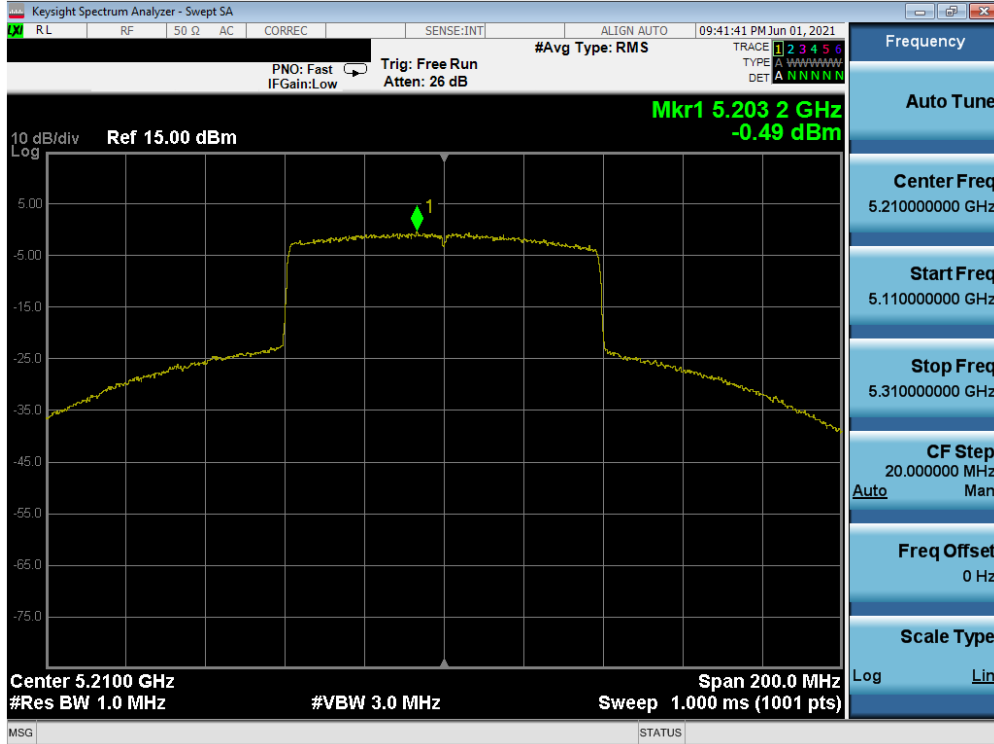


Plot 7-210. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

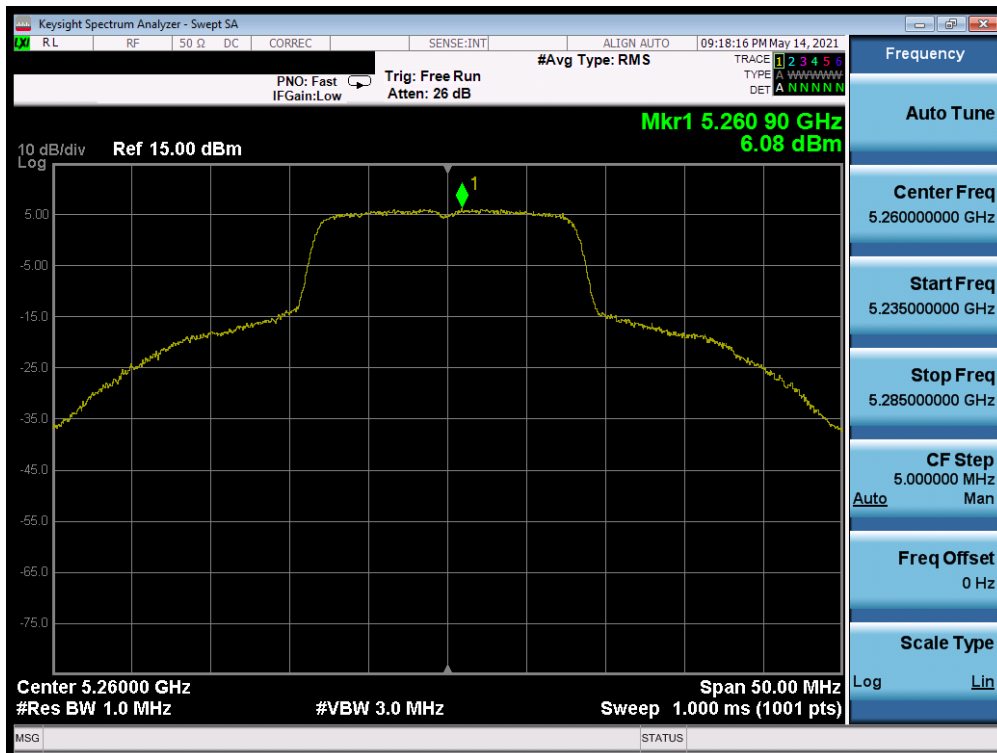


Plot 7-211. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 138 of 268

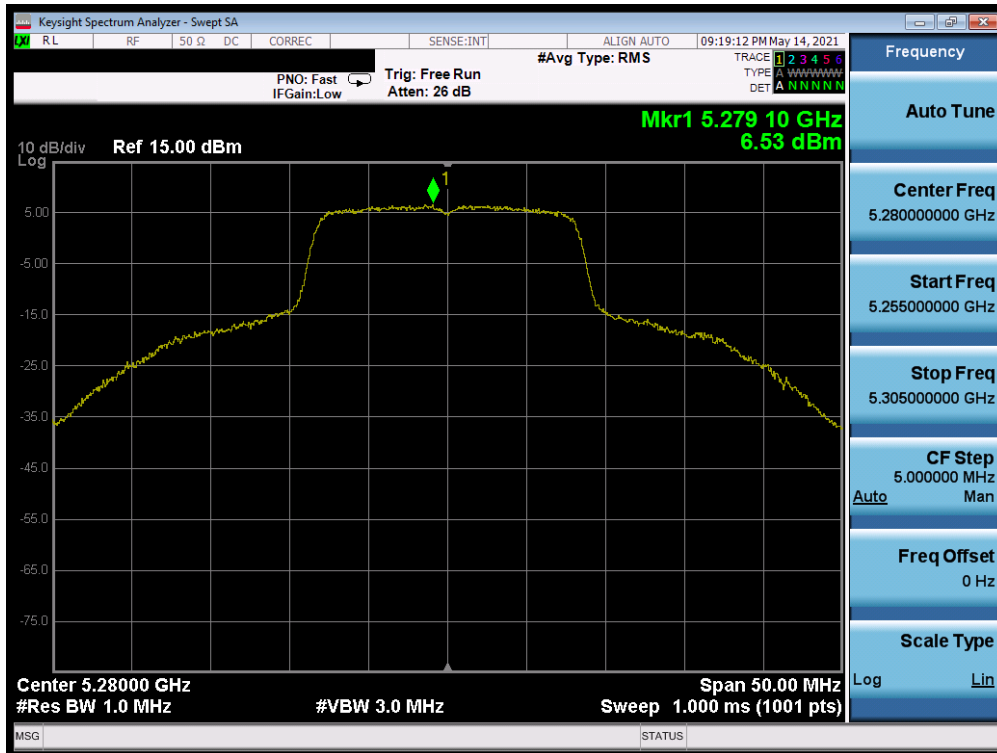


Plot 7-212. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

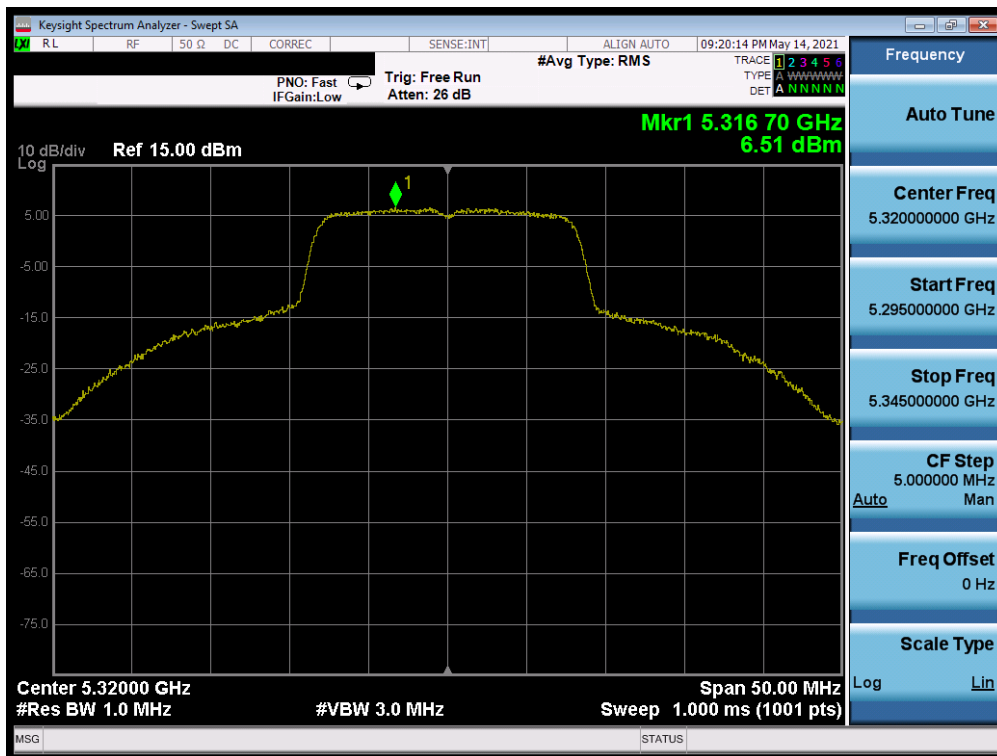


Plot 7-213. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 139 of 268

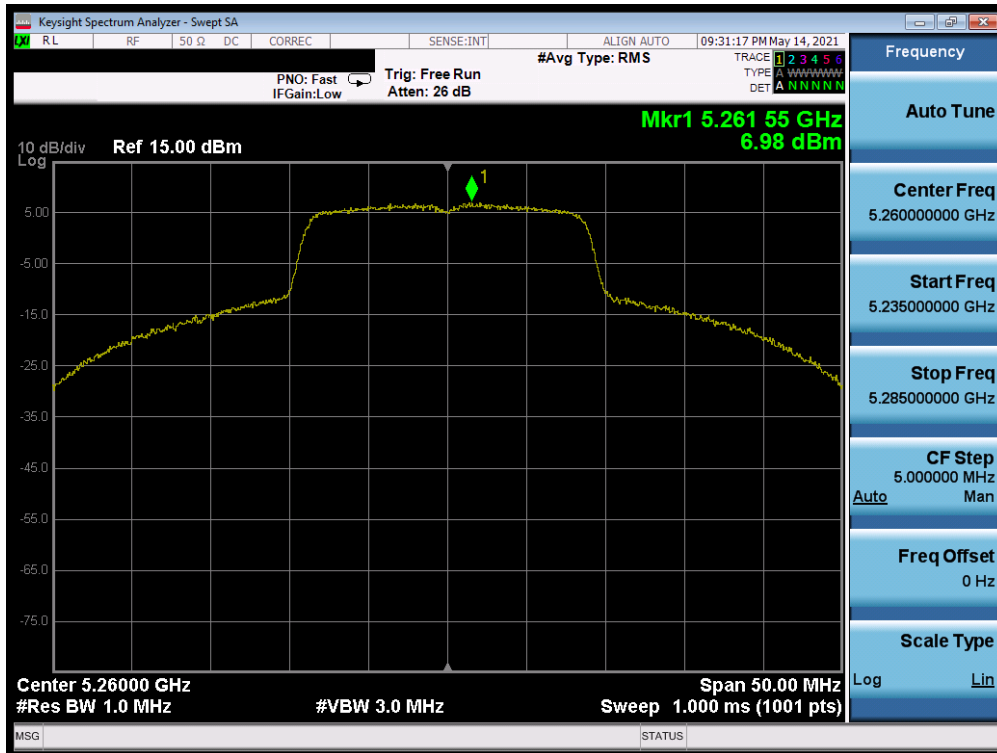


Plot 7-214. Power Spectral Density Plot MIMO ANT1 (802.11a (UNII Band 2A) – Ch. 56)

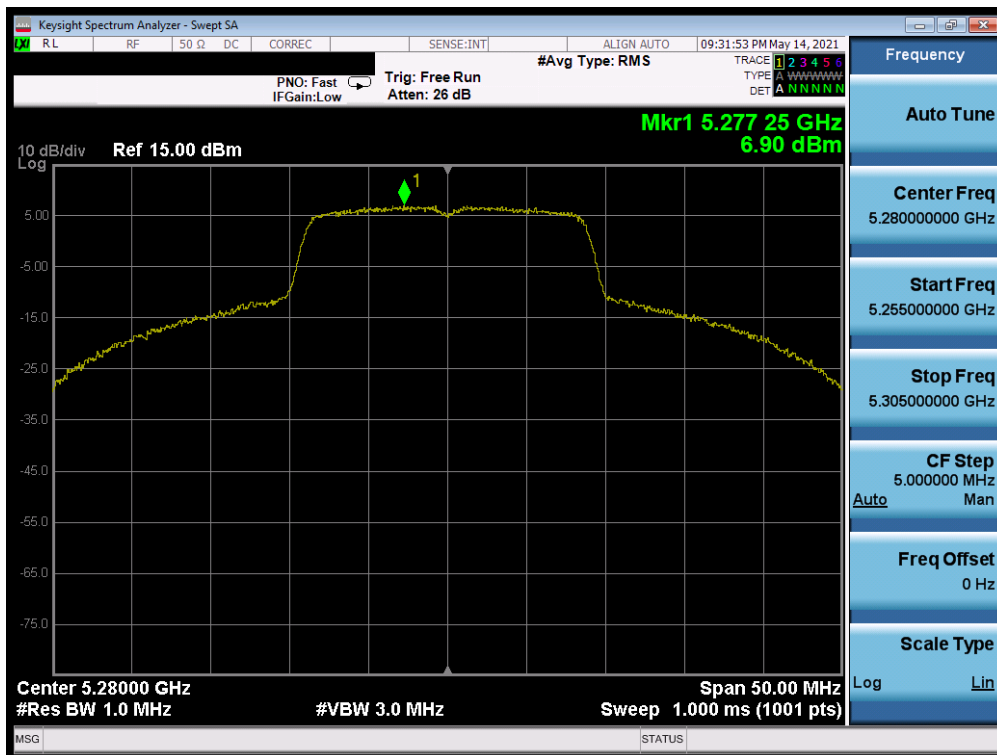


Plot 7-215. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 140 of 268

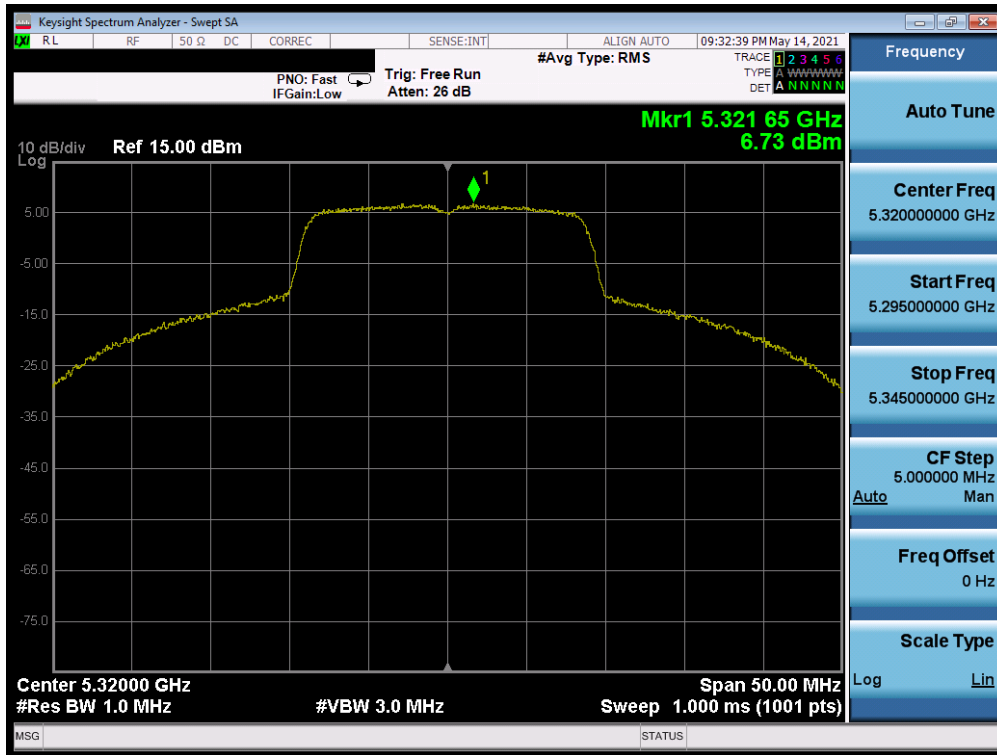


Plot 7-216. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

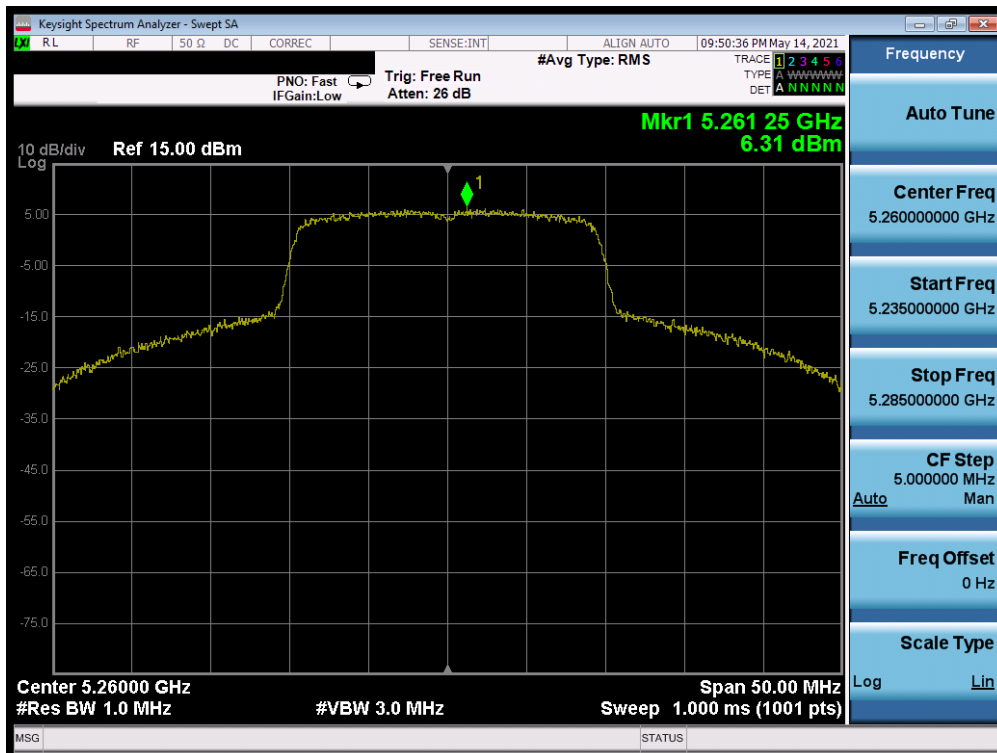


Plot 7-217. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 141 of 268

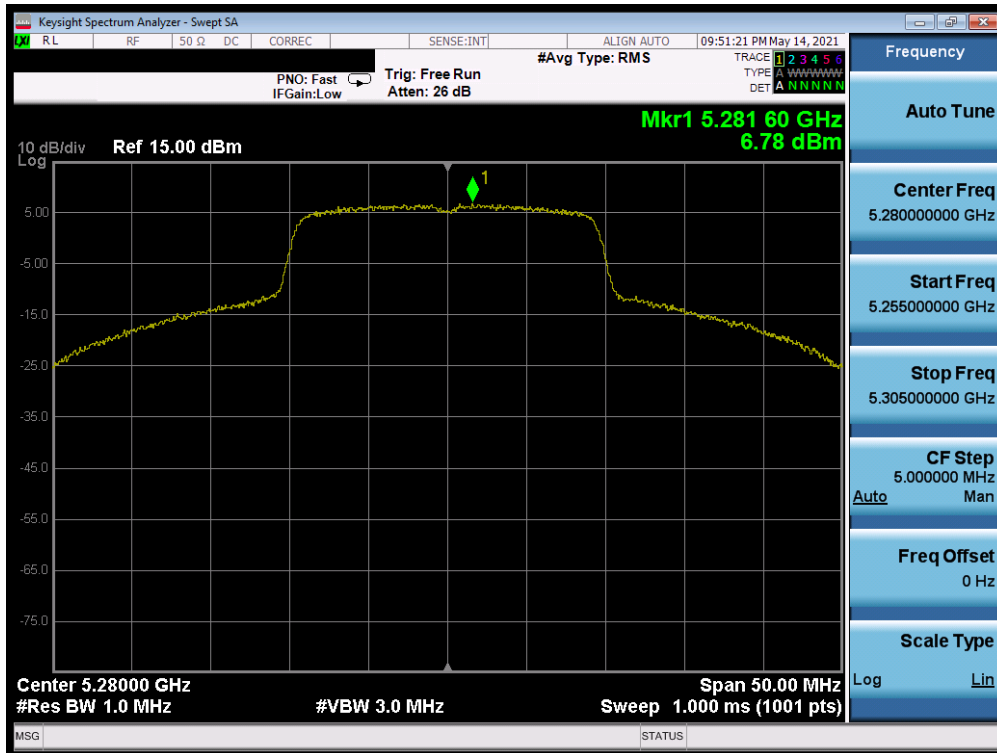


Plot 7-218. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

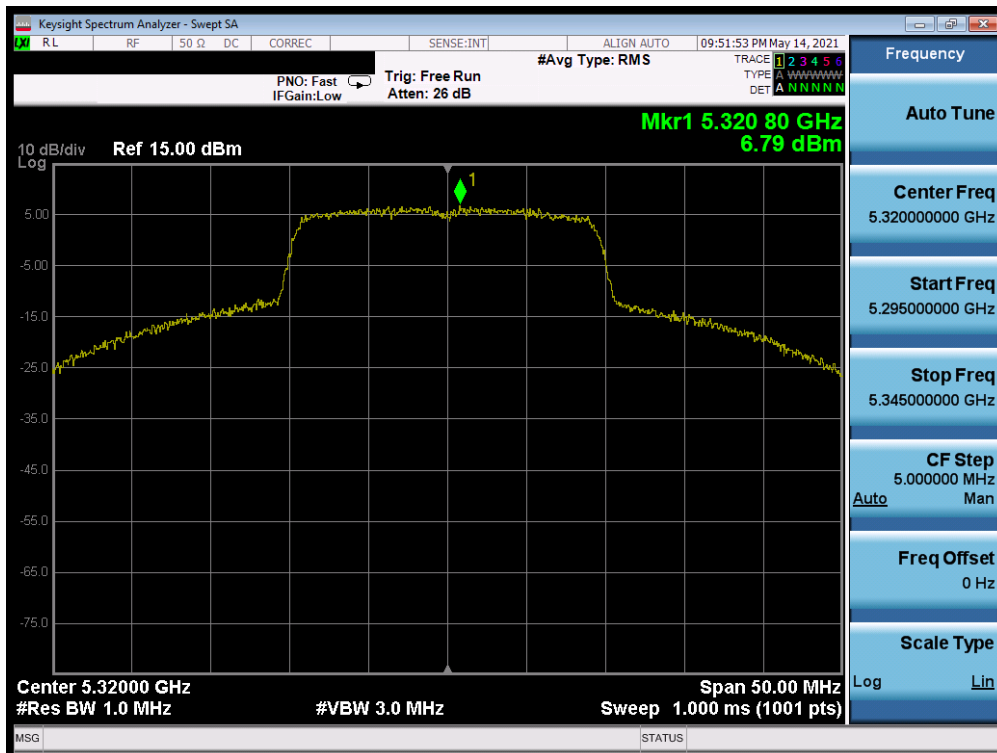


Plot 7-219. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 142 of 268

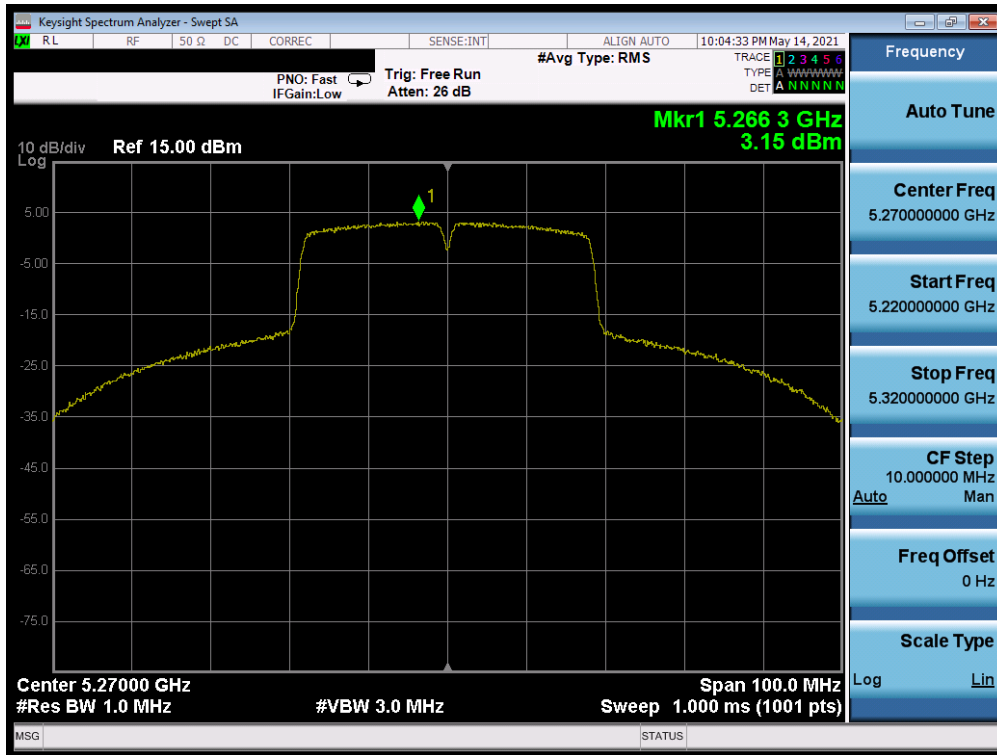


Plot 7-220. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)



Plot 7-221. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 143 of 268

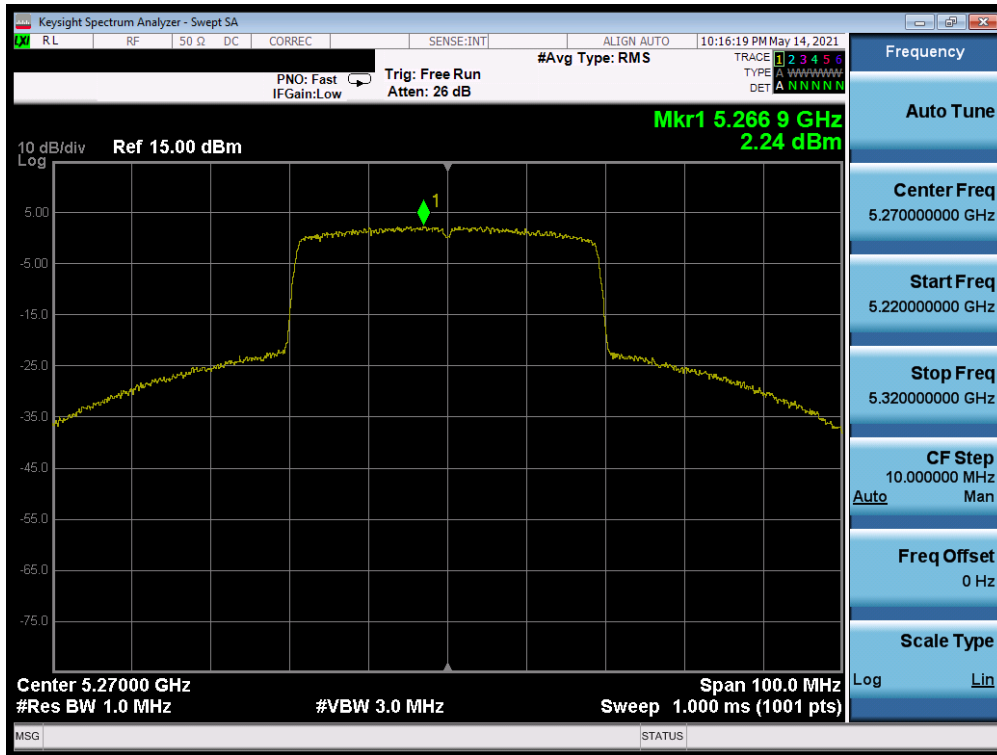


Plot 7-222. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

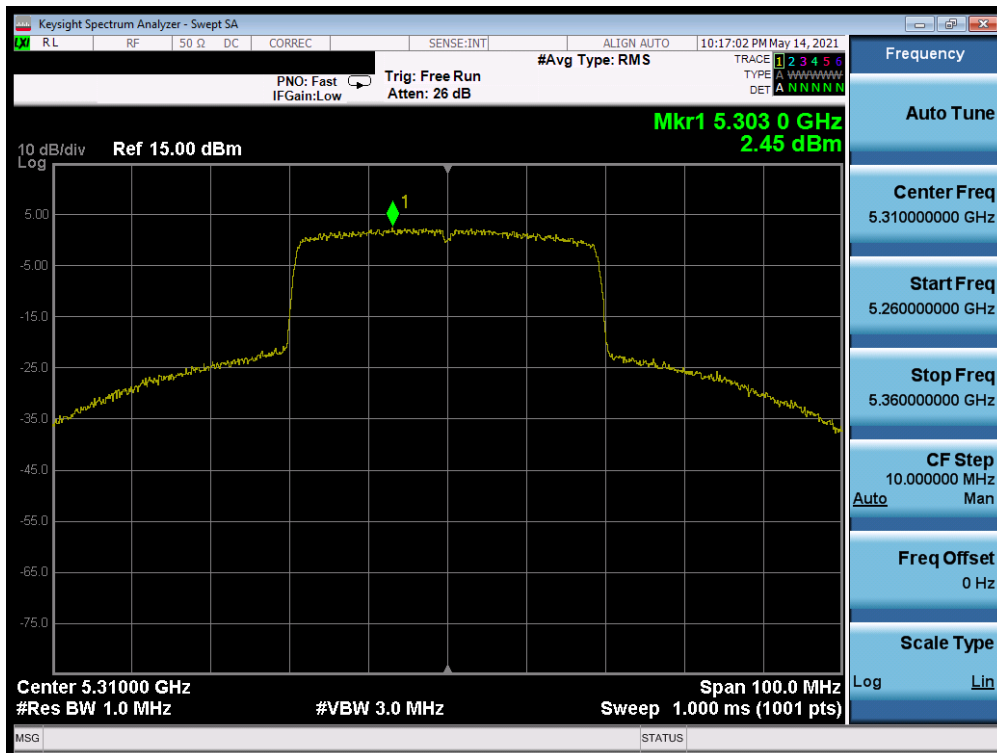


Plot 7-223. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 144 of 268

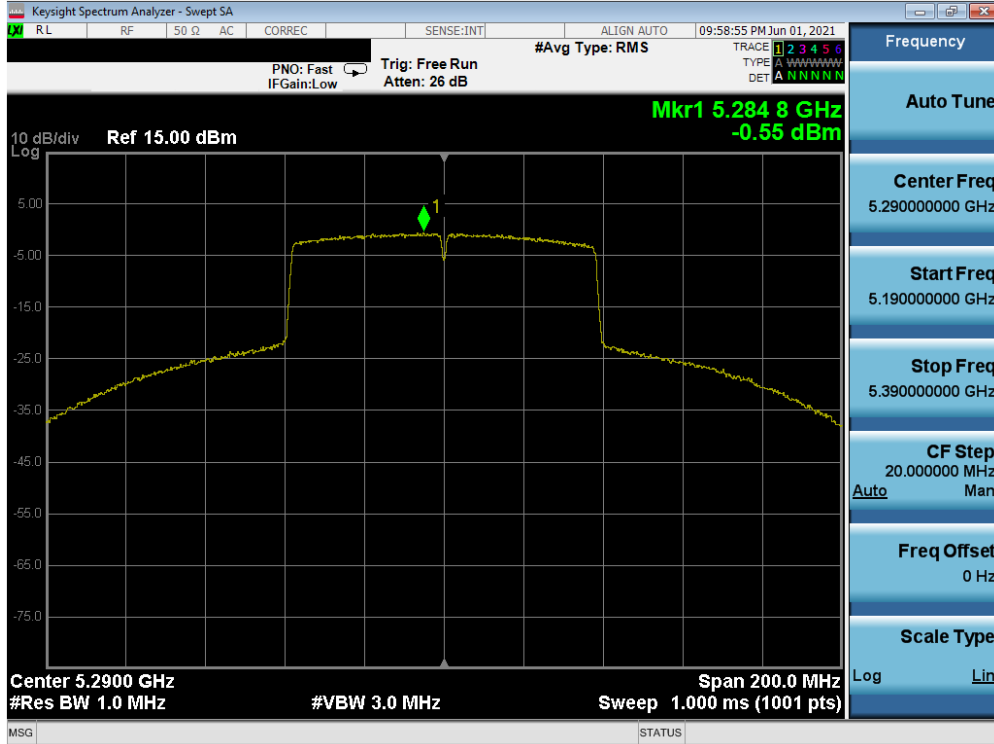


Plot 7-224. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

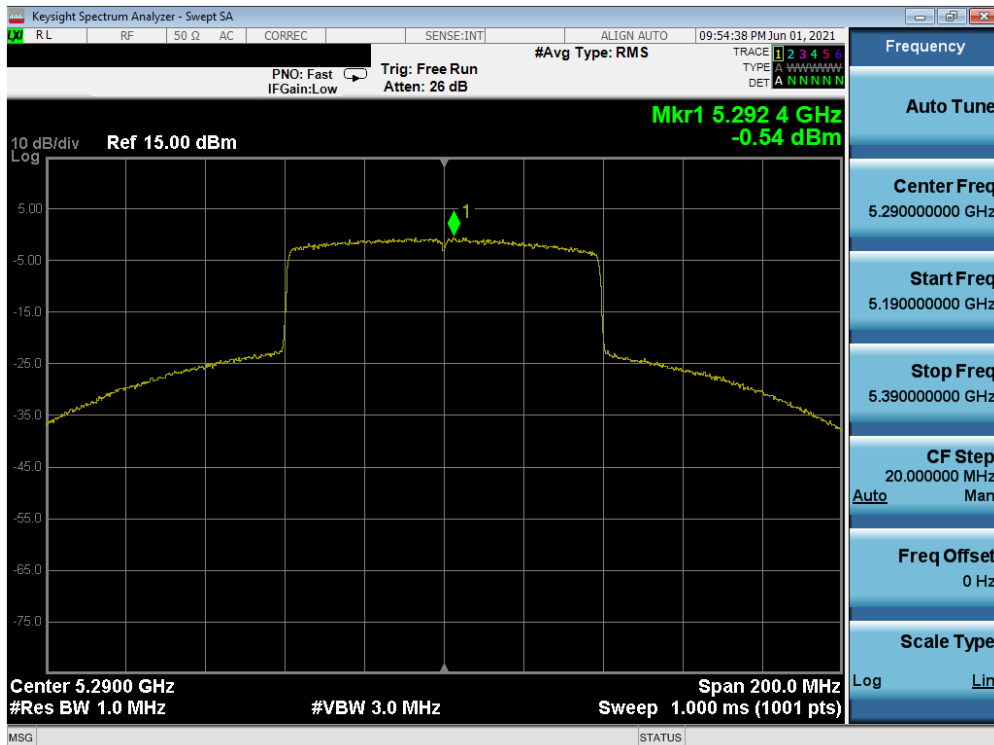


Plot 7-225. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 145 of 268

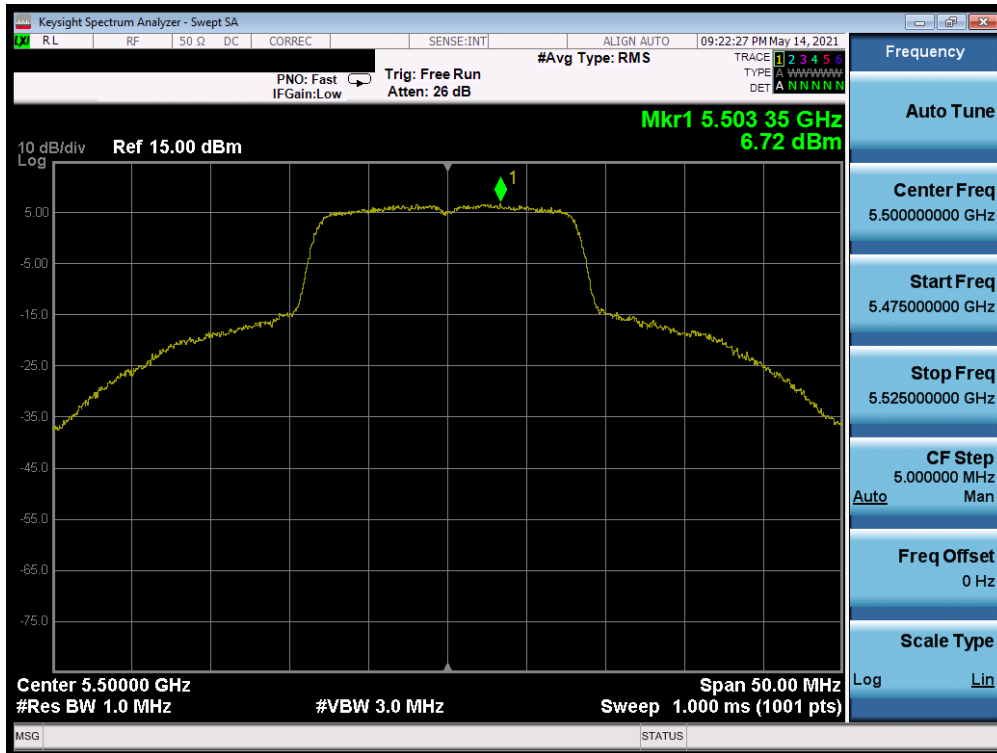


Plot 7-226. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

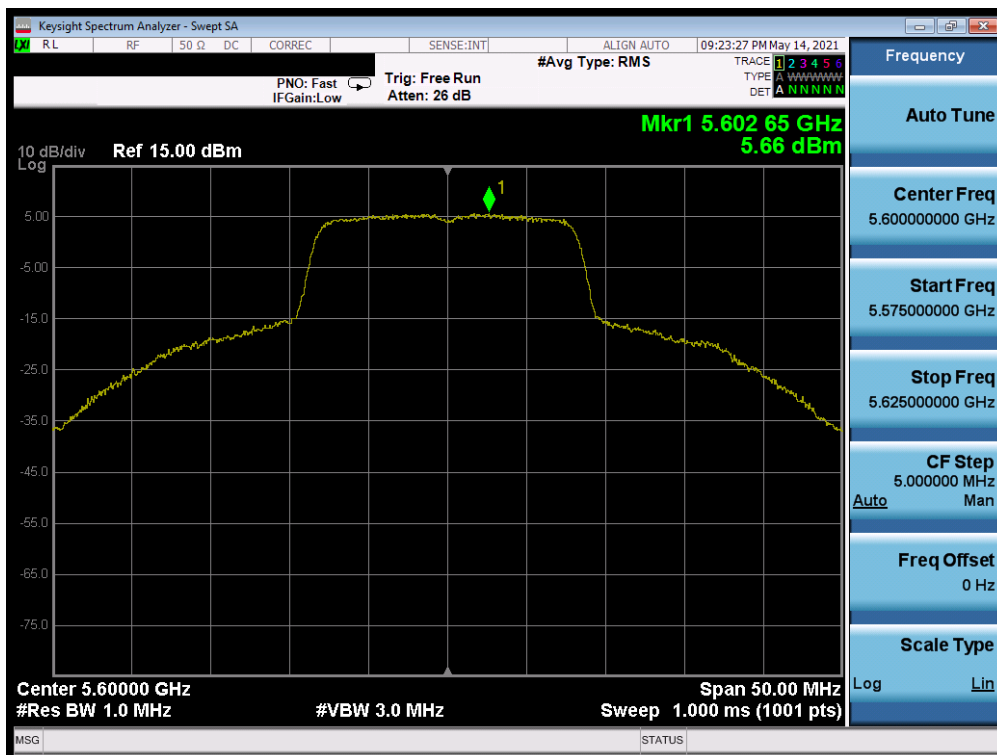


Plot 7-227. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 146 of 268

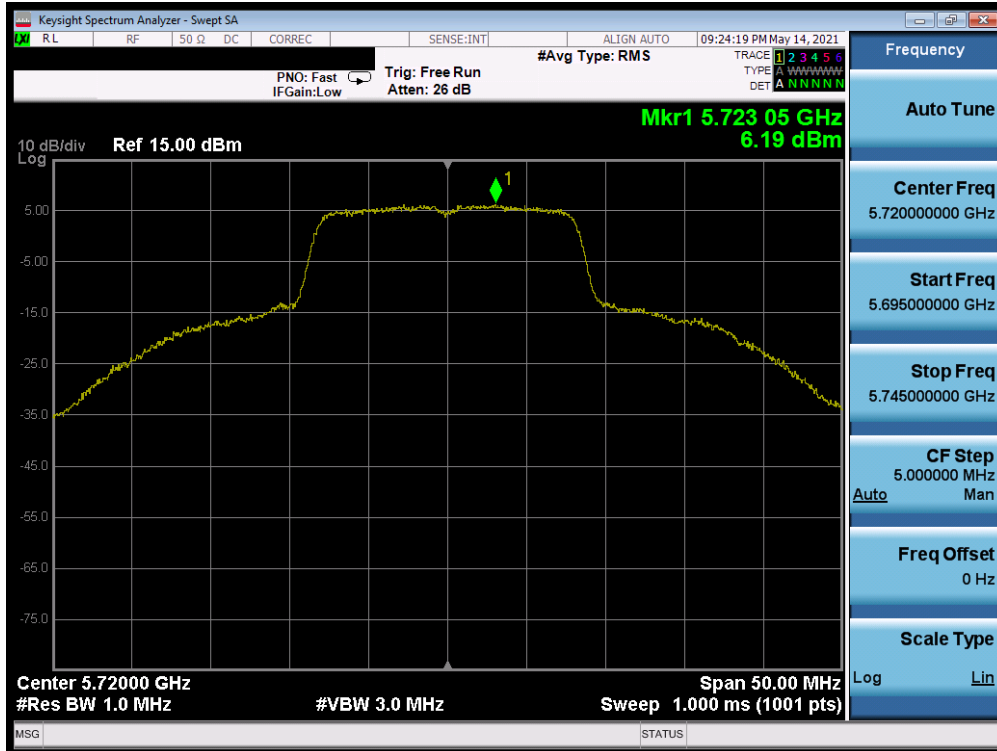


Plot 7-228. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 100)

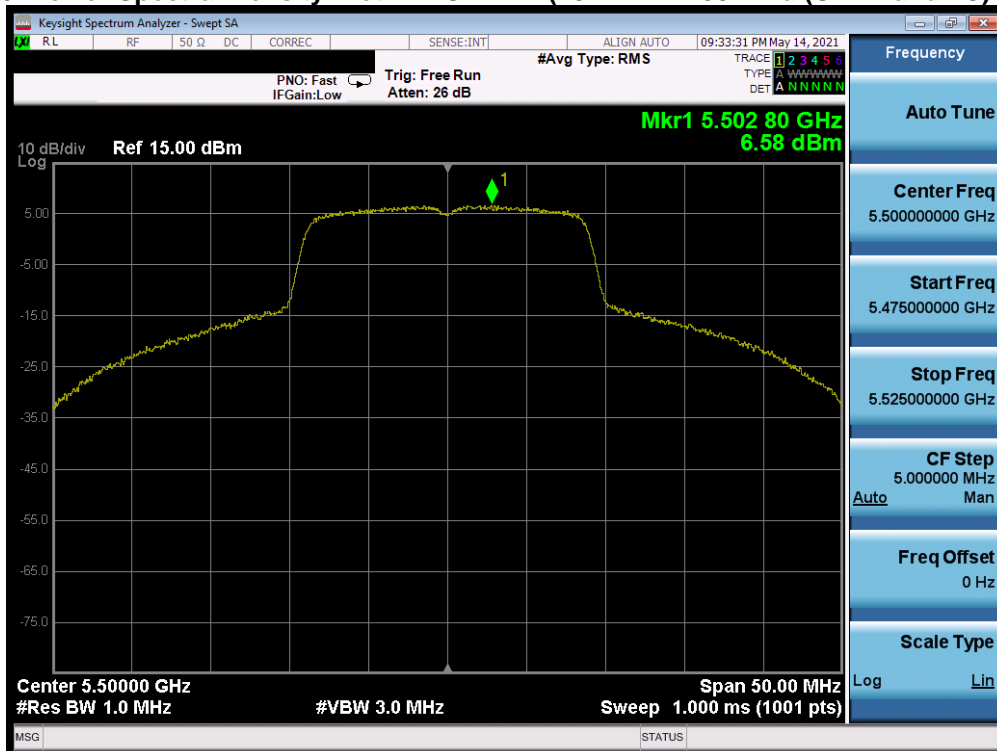


Plot 7-229. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 147 of 268

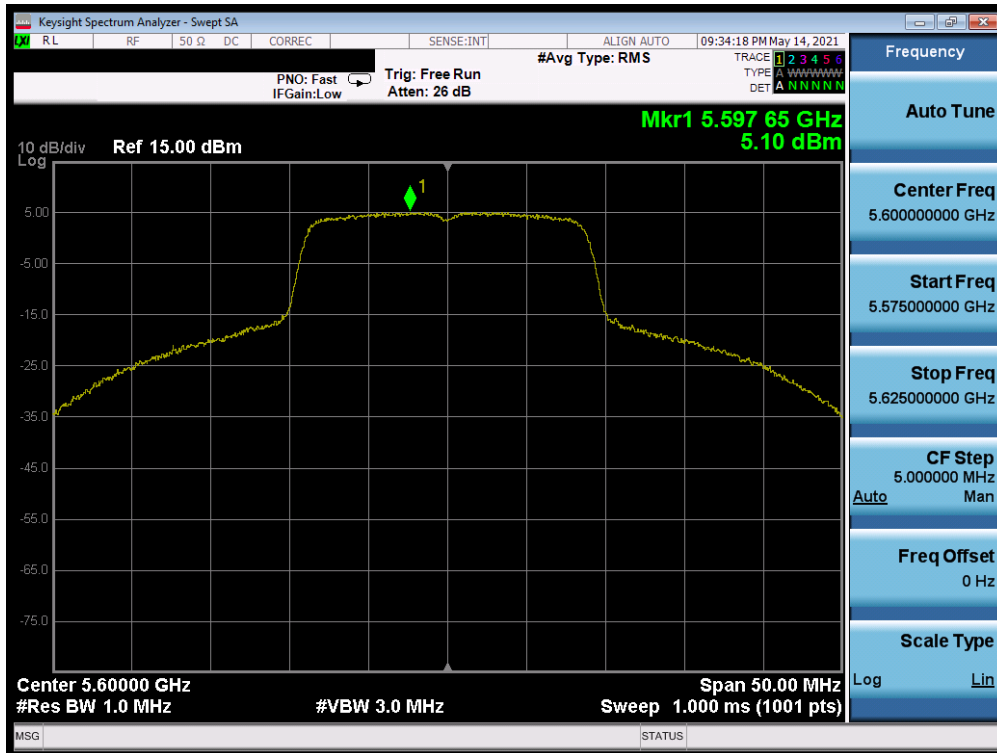


Plot 7-230. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11a (UNII Band 2C) – Ch. 144)

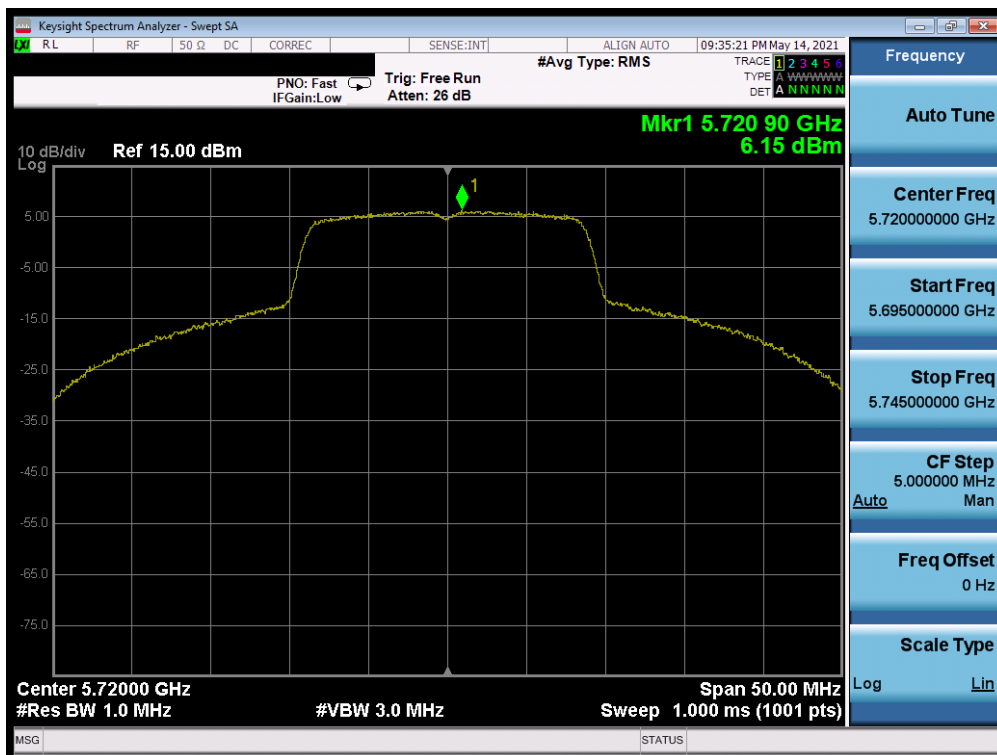


Plot 7-231. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 148 of 268

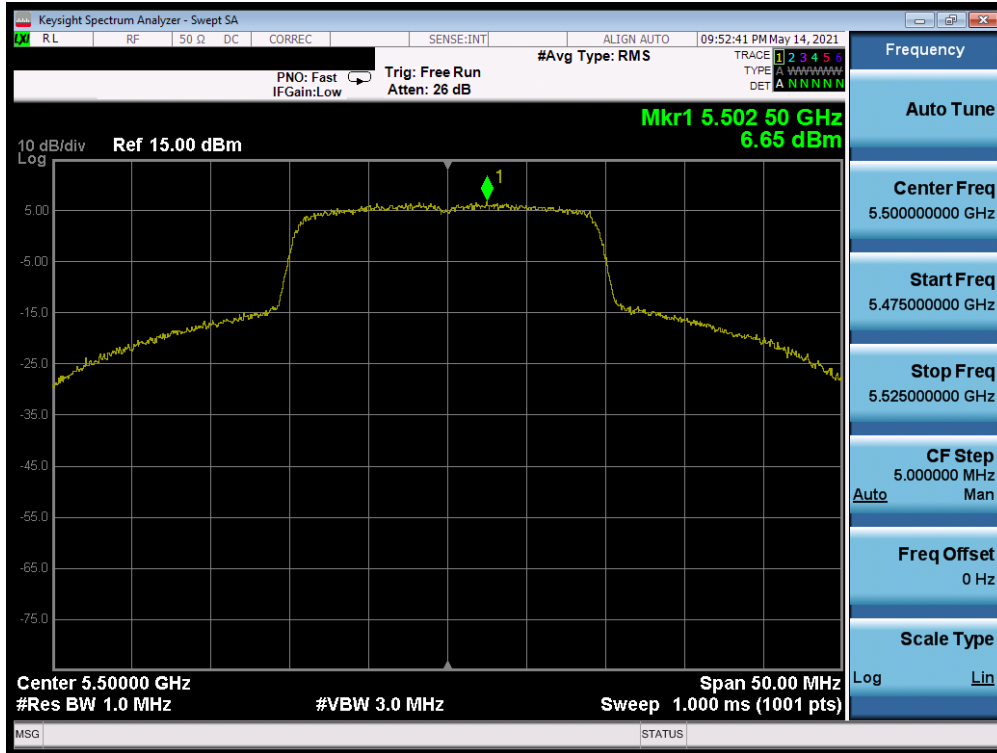


Plot 7-232. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

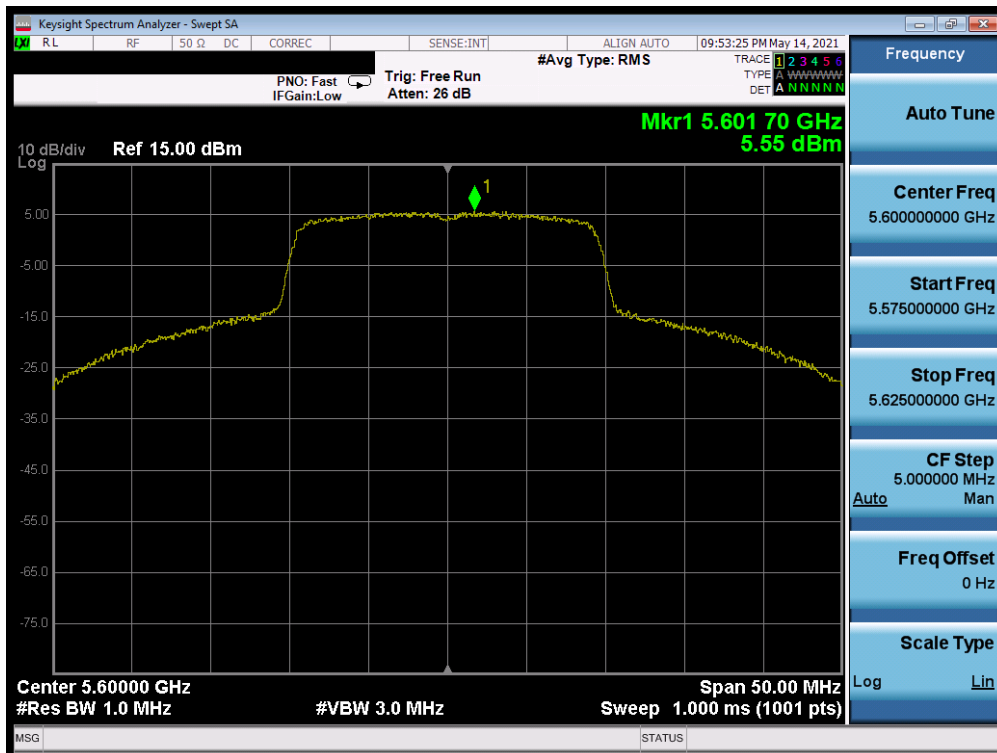


Plot 7-233. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 149 of 268

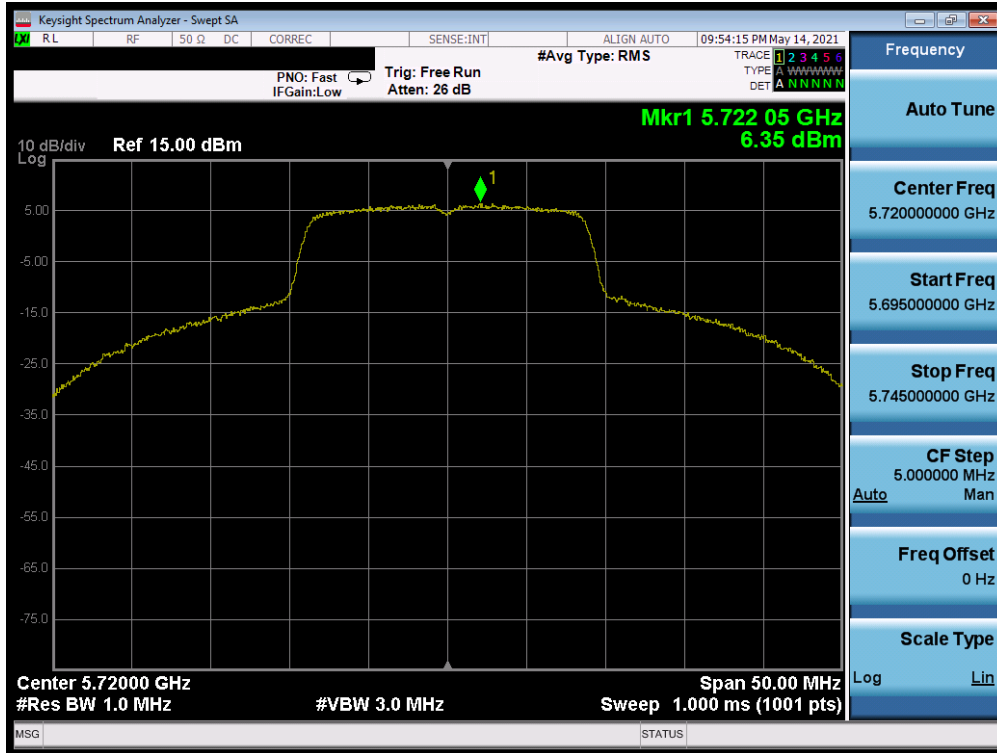


Plot 7-234. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

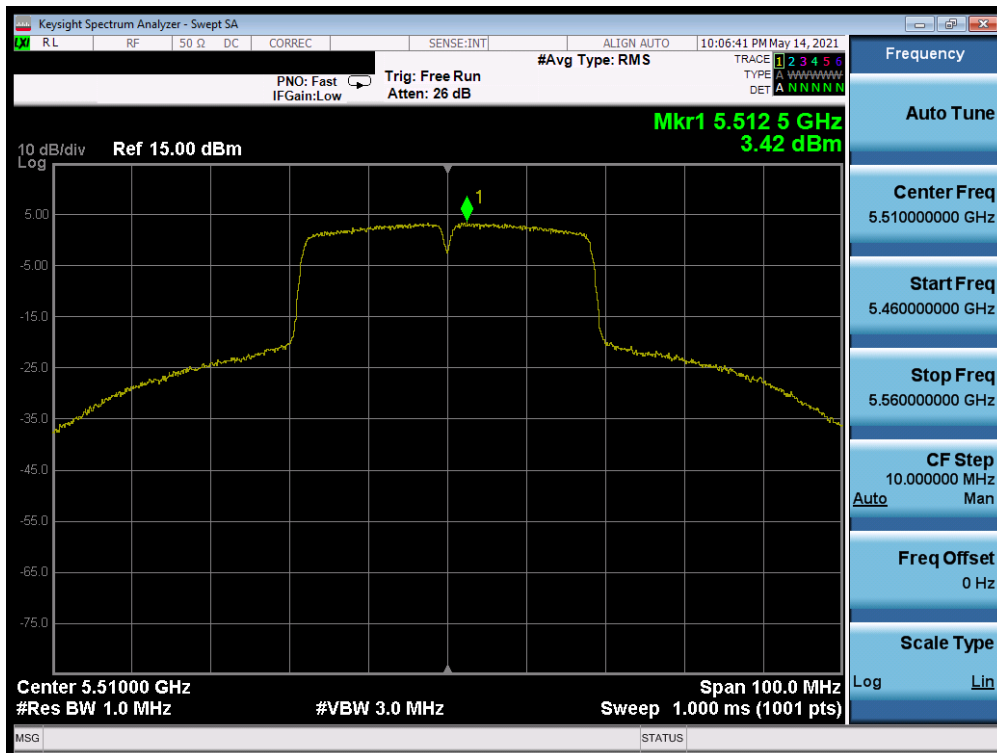


Plot 7-235. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 150 of 268

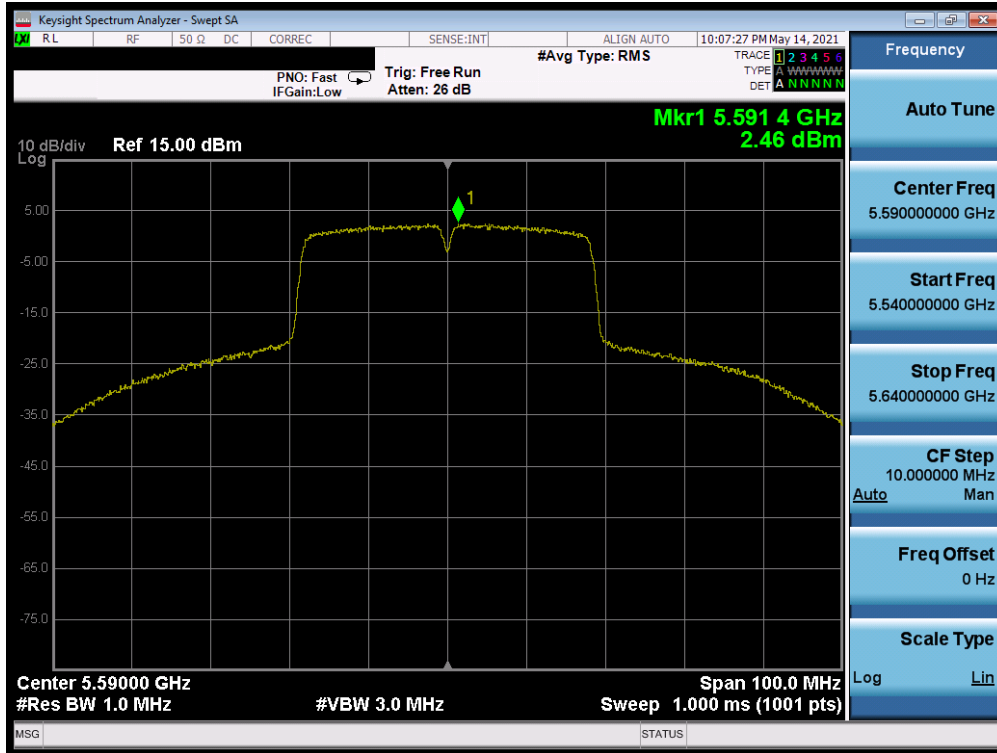


Plot 7-236. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

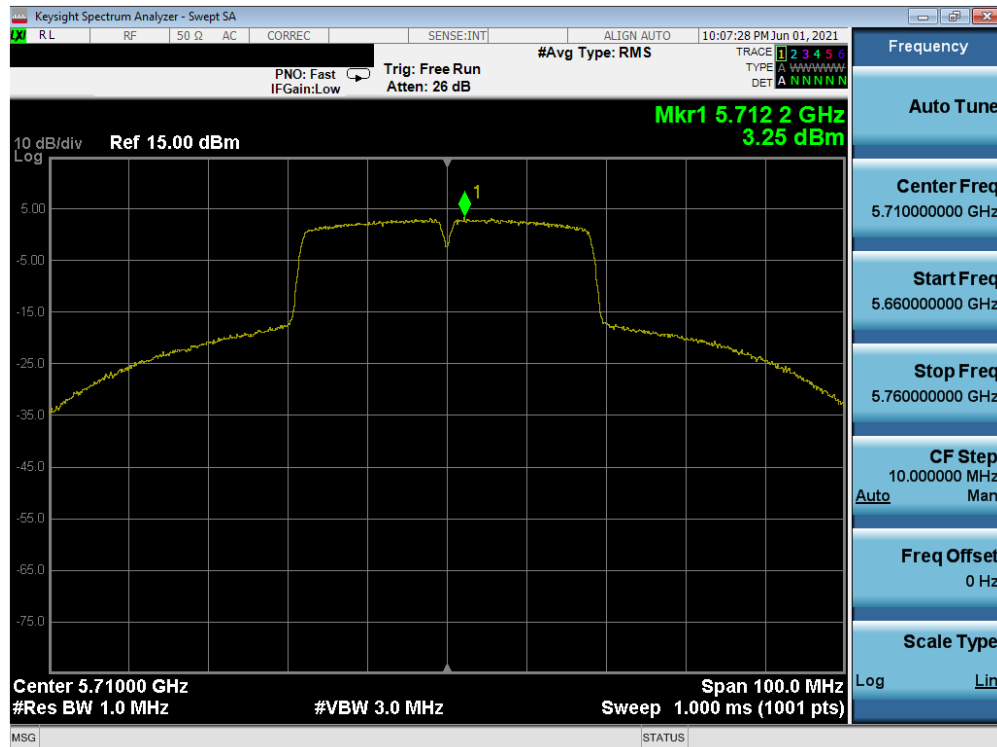


Plot 7-237. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 151 of 268

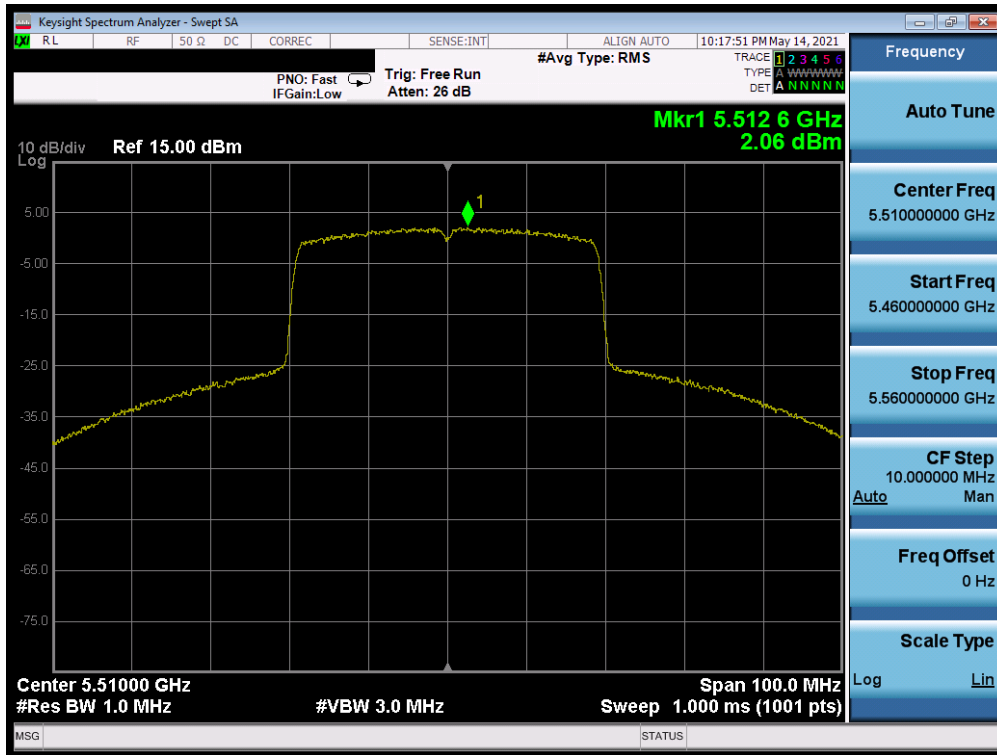


Plot 7-238. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

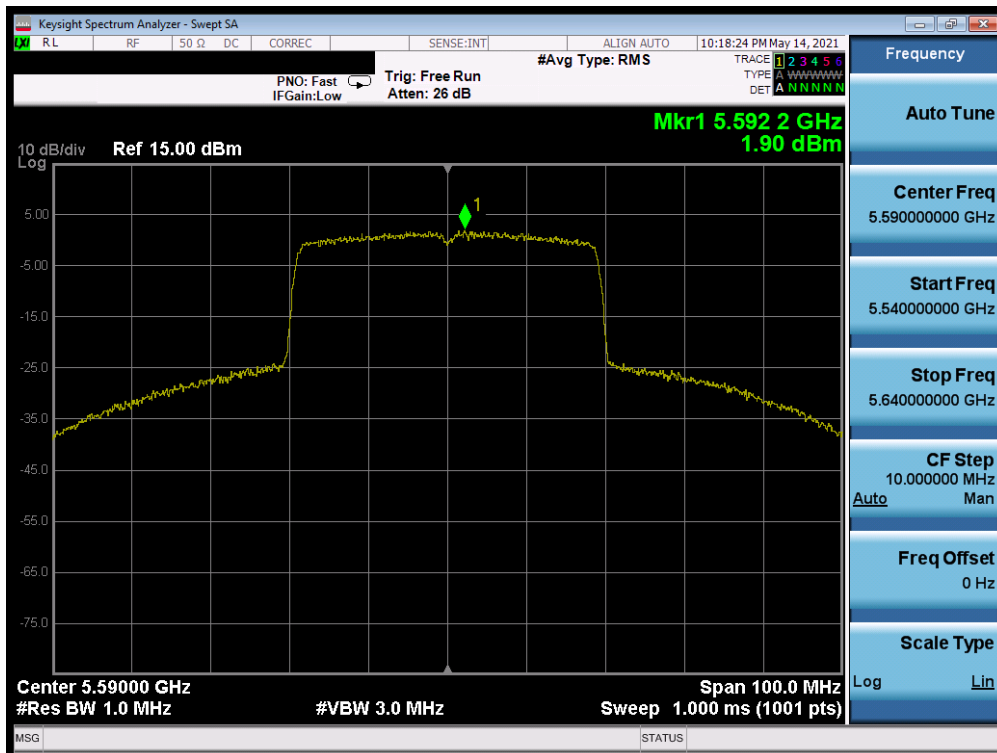


Plot 7-239. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 152 of 268

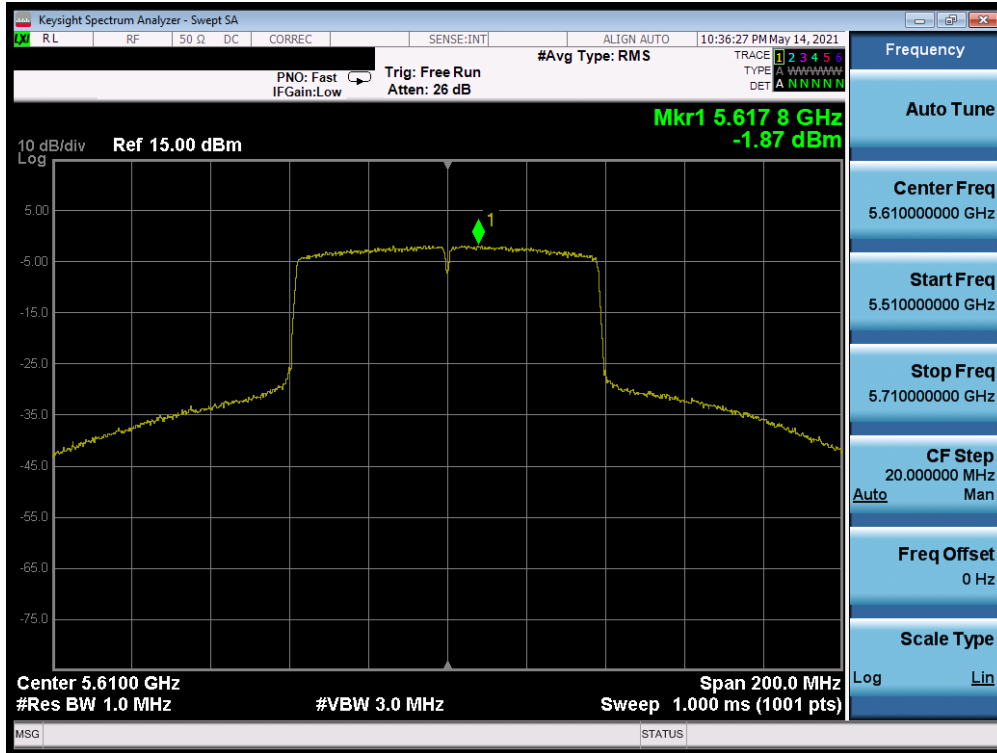


Plot 7-240. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

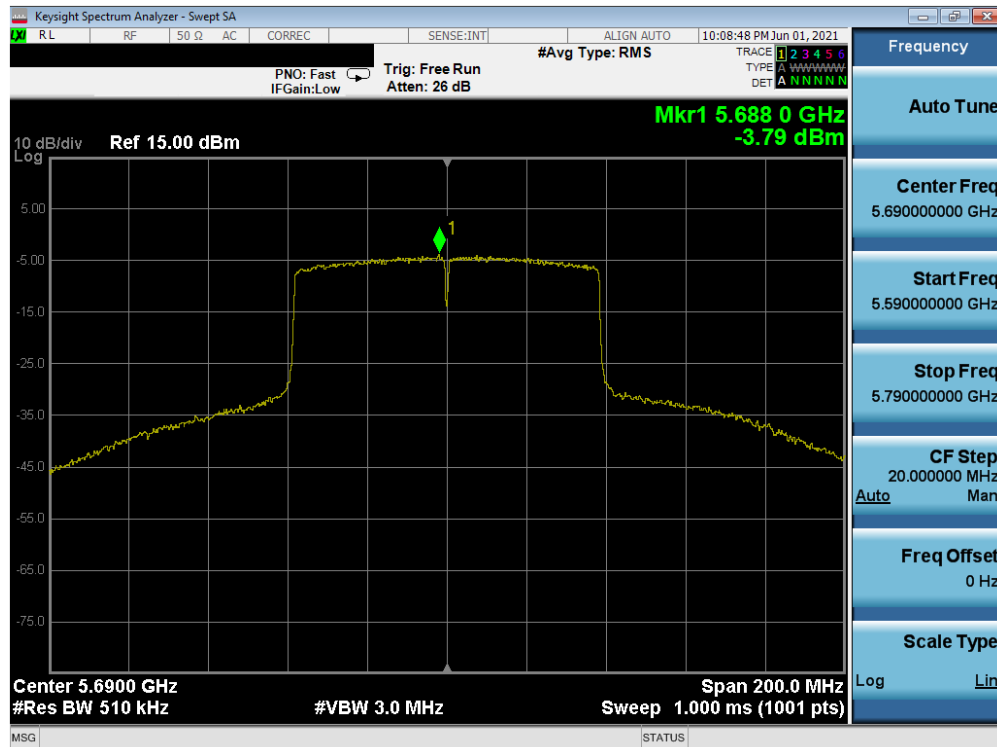


Plot 7-241. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 153 of 268

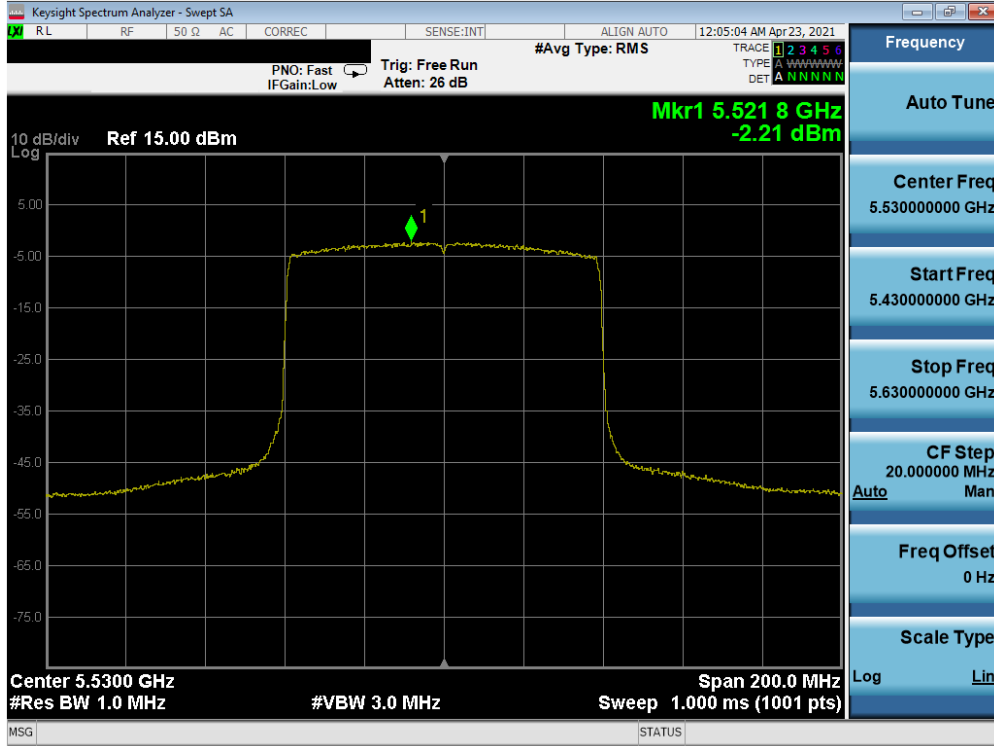


Plot 7-244. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

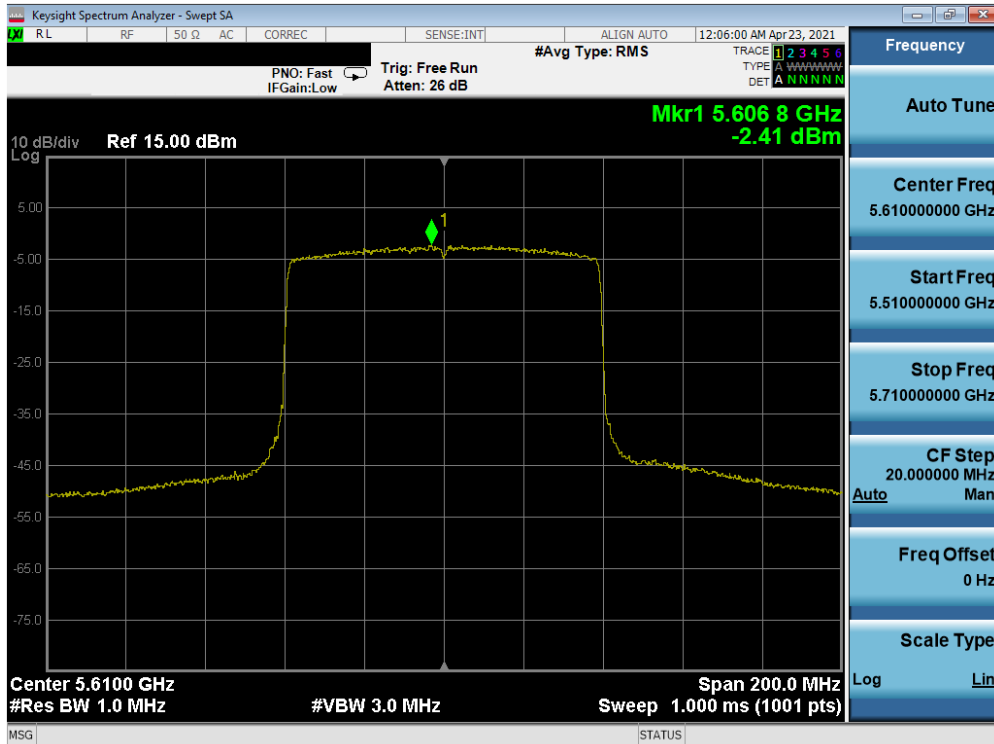


Plot 7-245. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 155 of 268

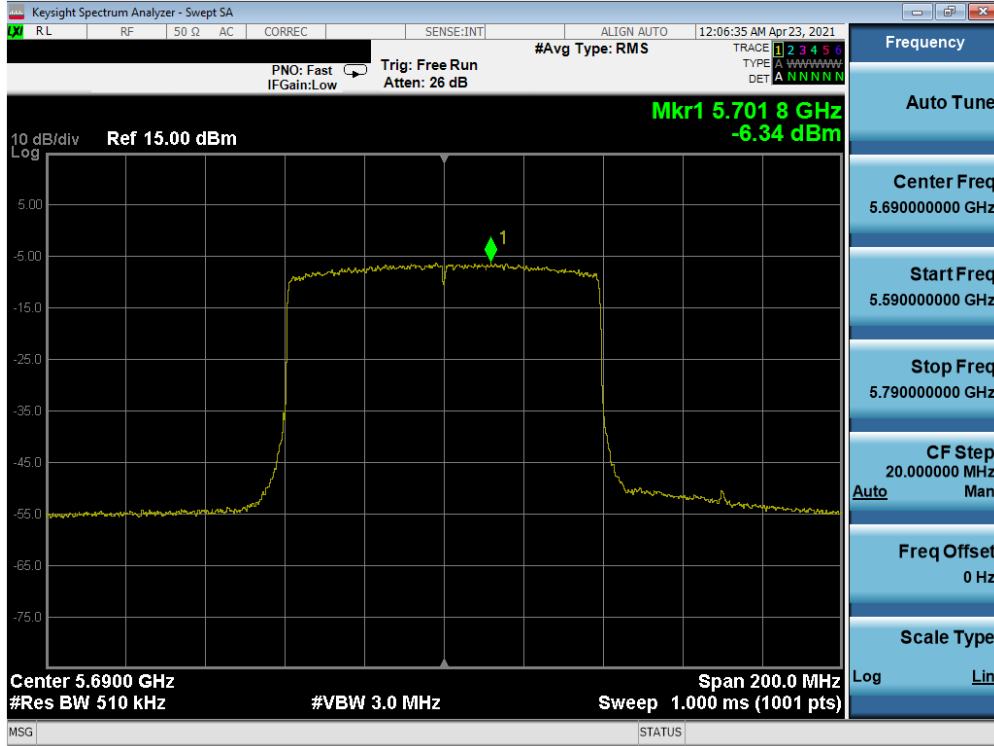


Plot 7-246. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)



Plot 7-247. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

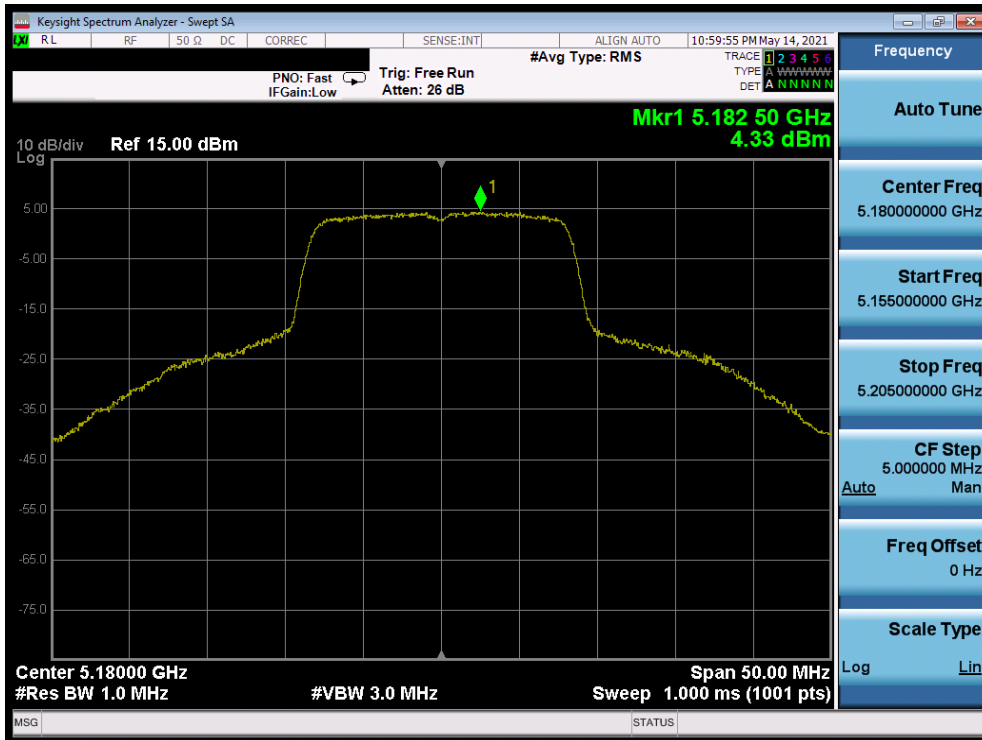
FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 156 of 268



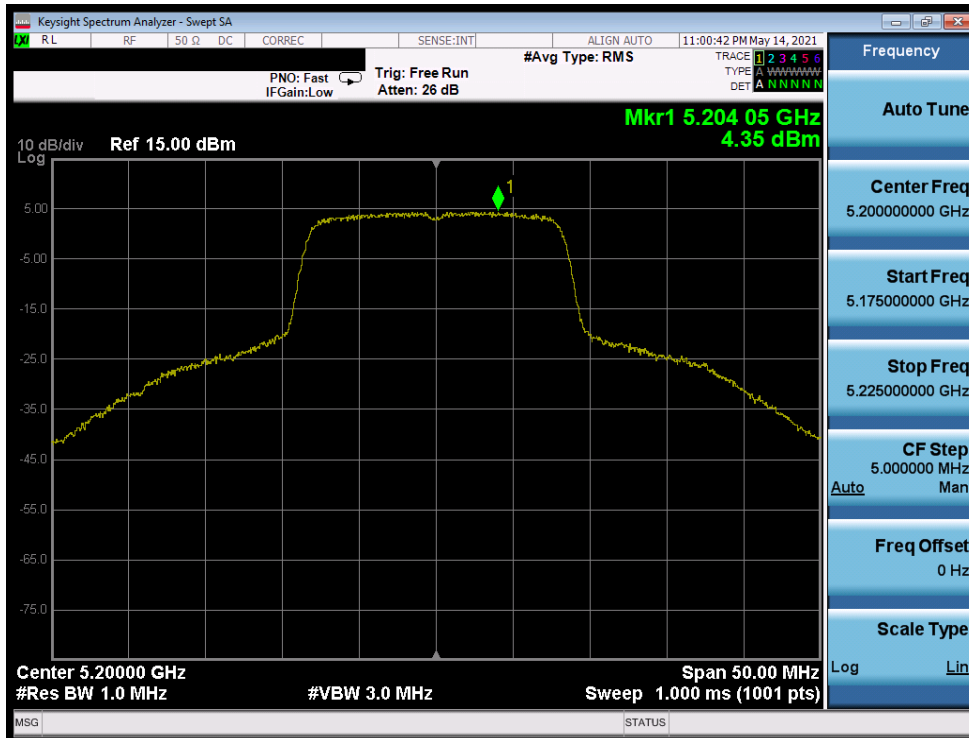
Plot 7-248. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 157 of 268

MIMO Antenna-2 Band 1, 2A, 2C Power Spectral Density Measurements

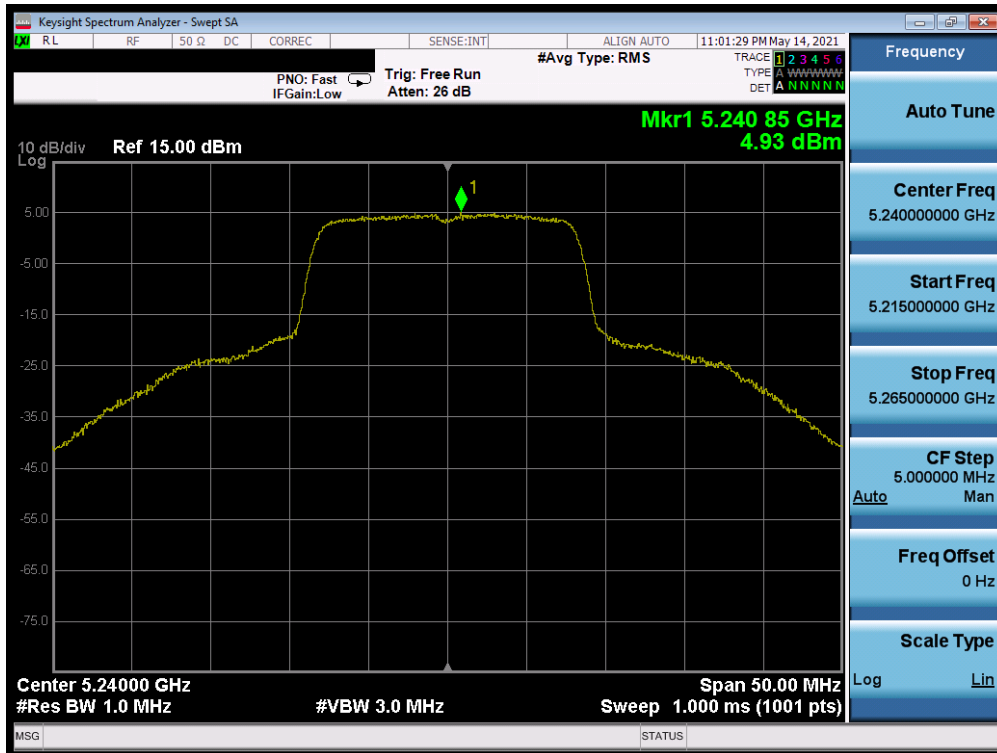


Plot 7-249. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 36)

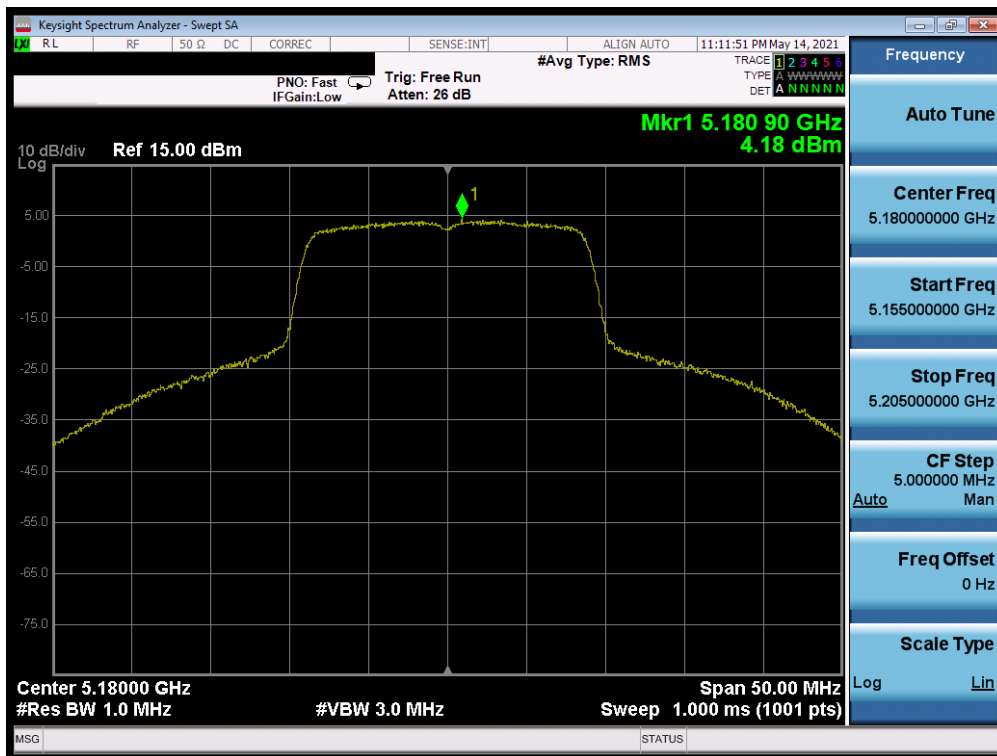


Plot 7-250. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U1	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 158 of 268

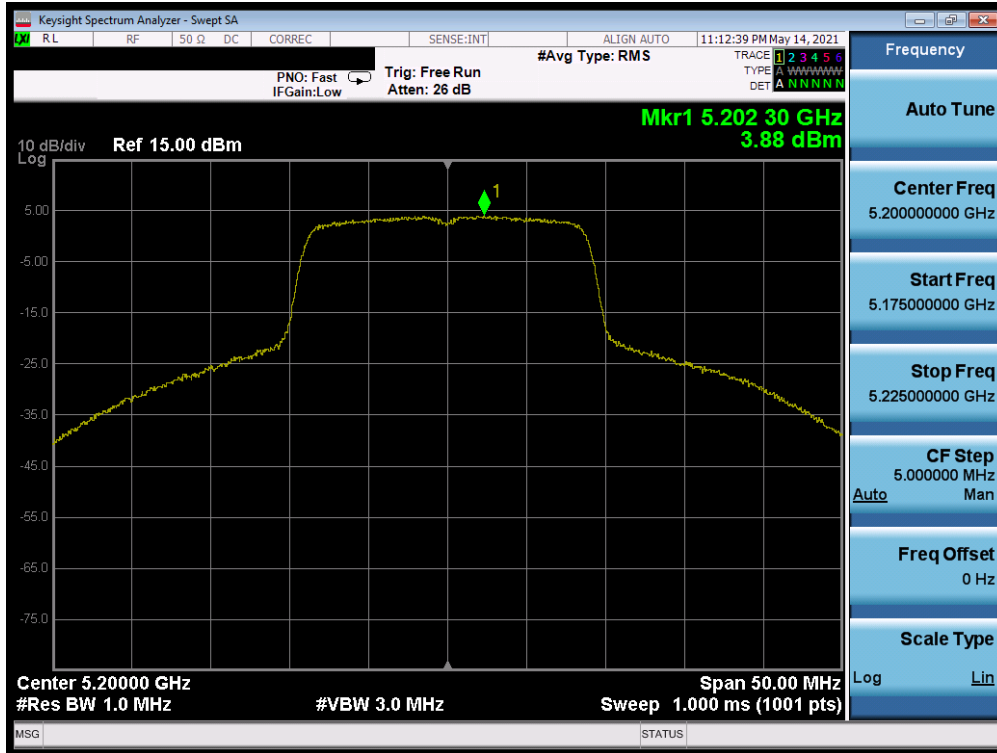


Plot 7-251. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 1) – Ch. 48)

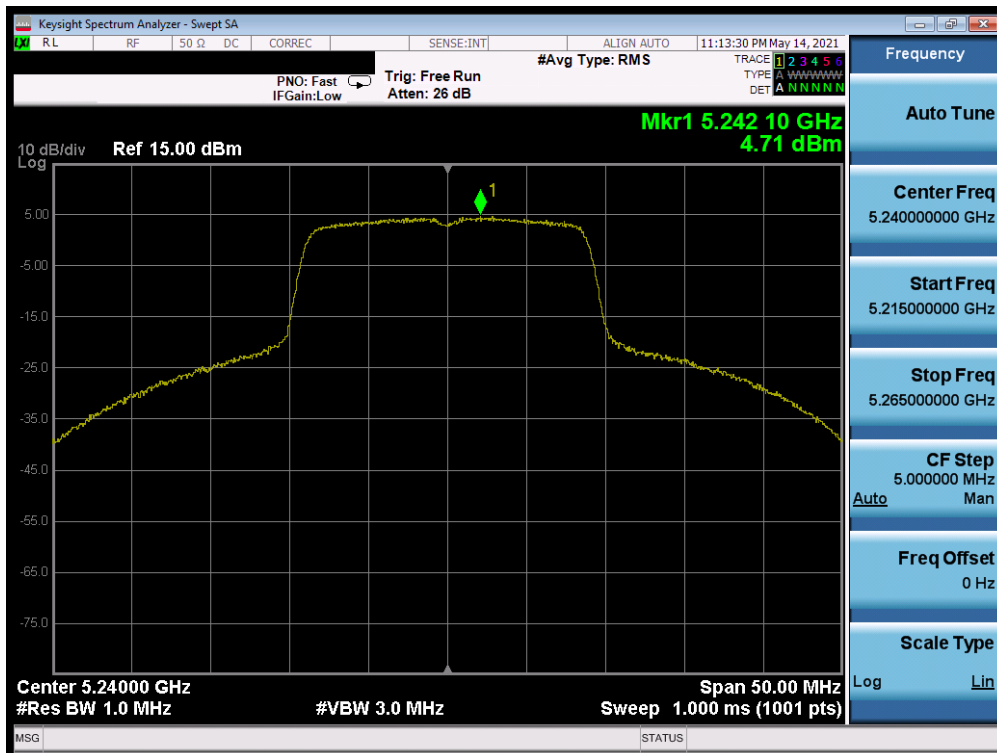


Plot 7-252. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 159 of 268

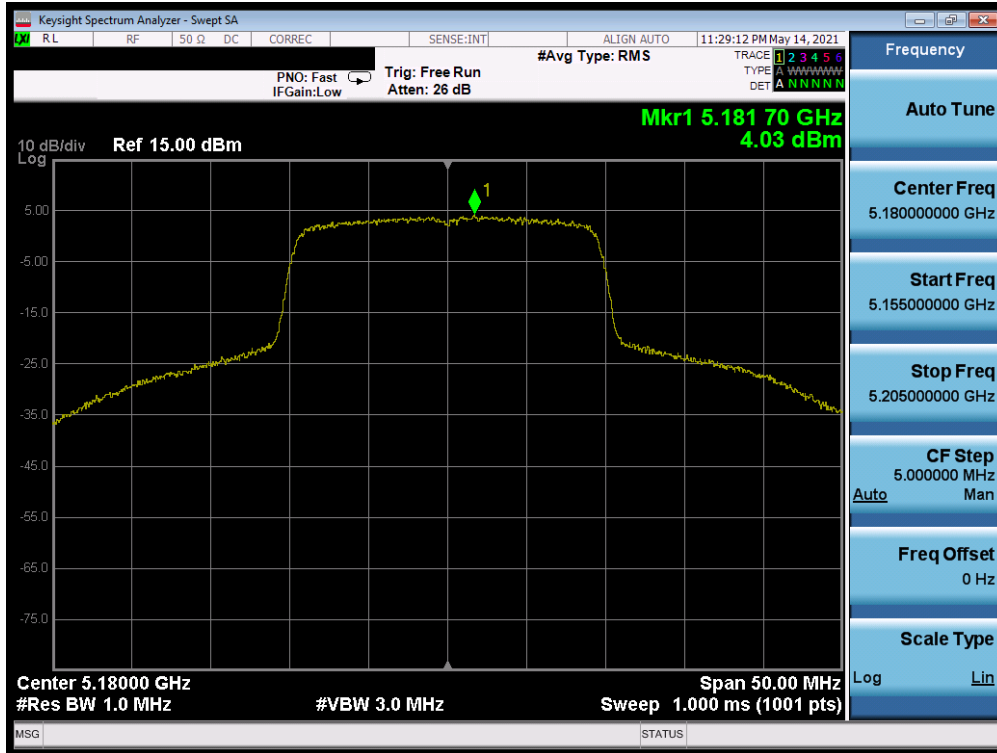


Plot 7-253. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

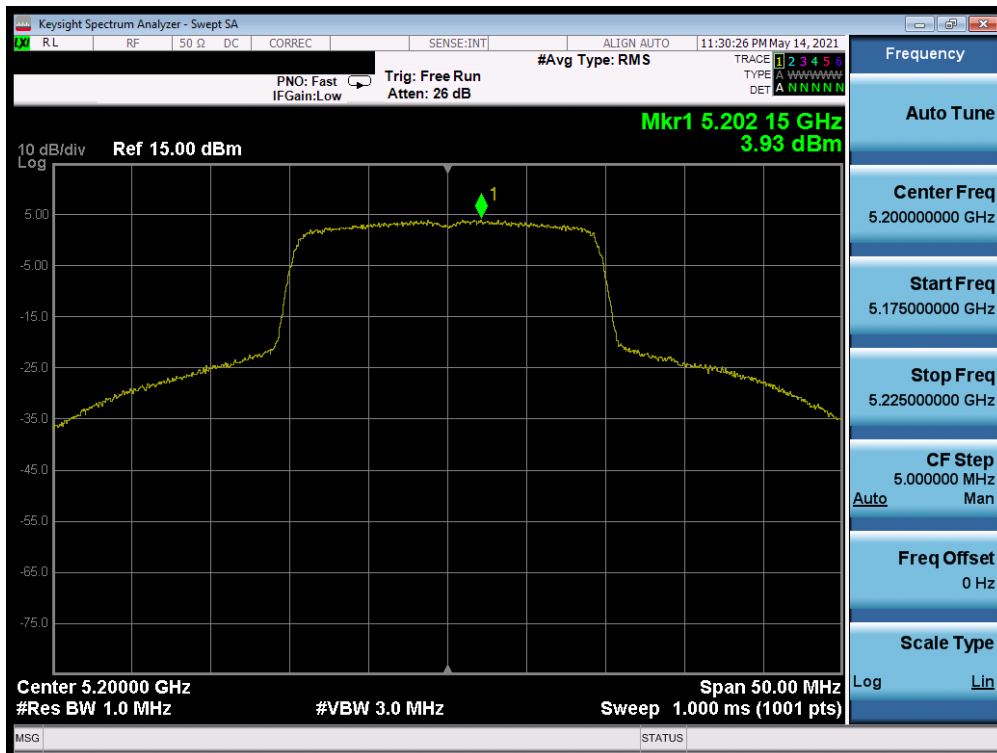


Plot 7-254. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 160 of 268

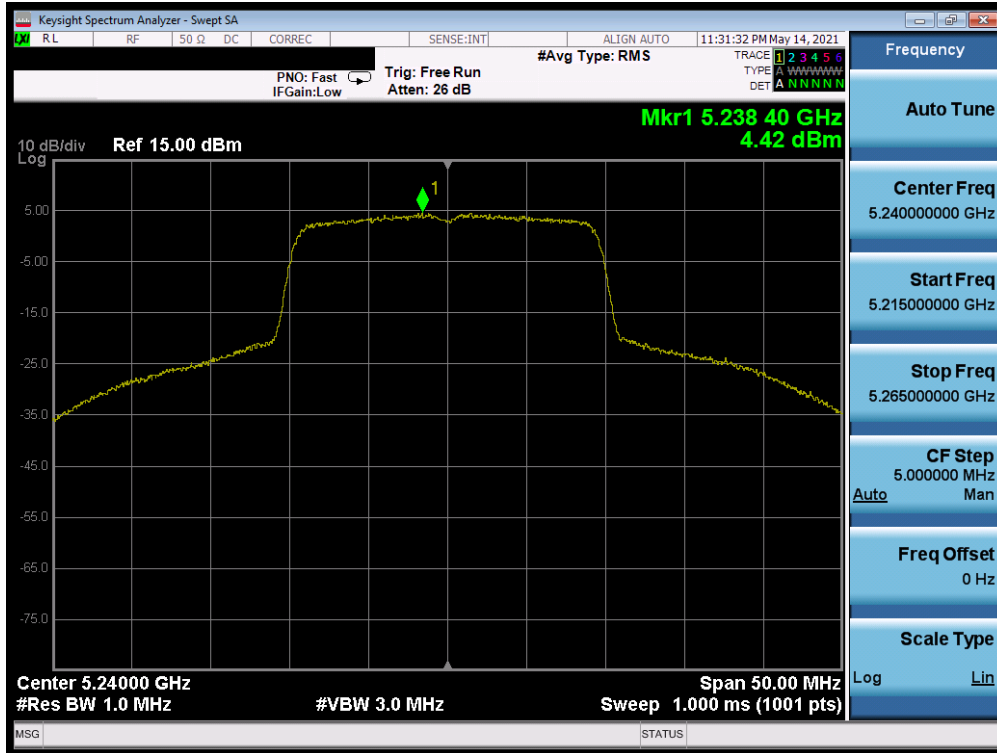


Plot 7-255. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

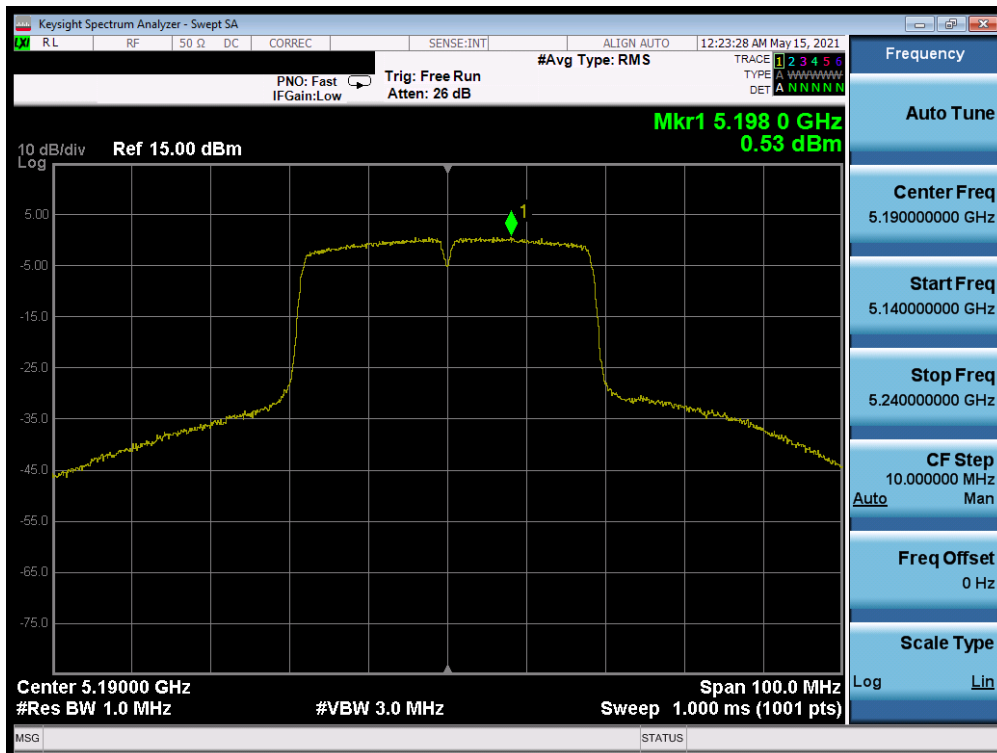


Plot 7-256. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 161 of 268

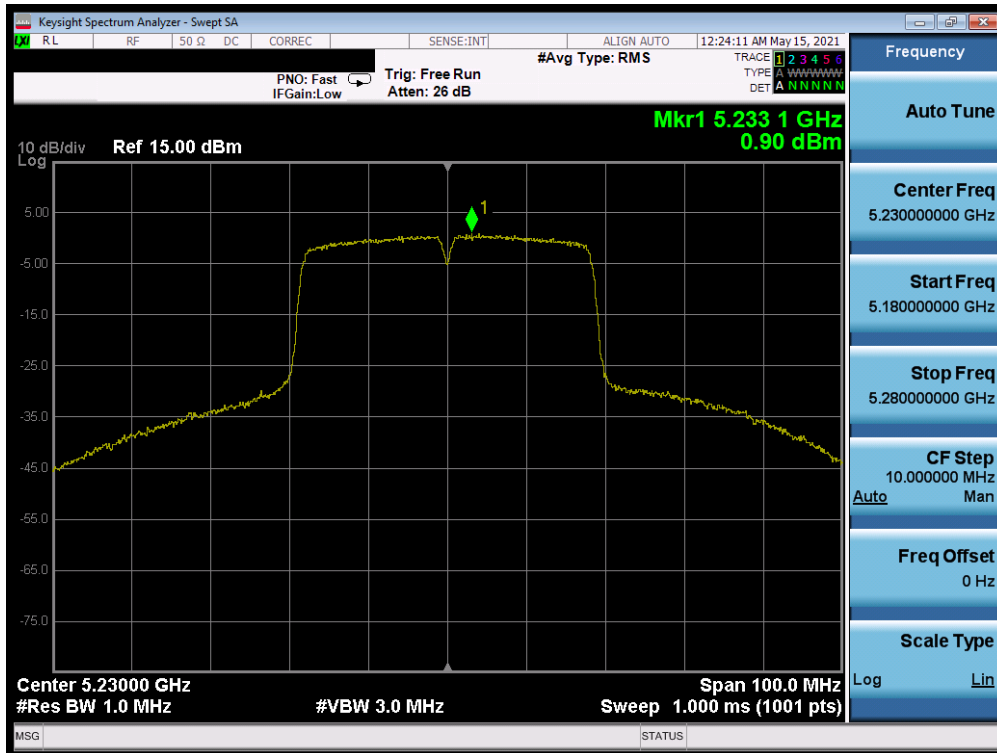


Plot 7-257. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

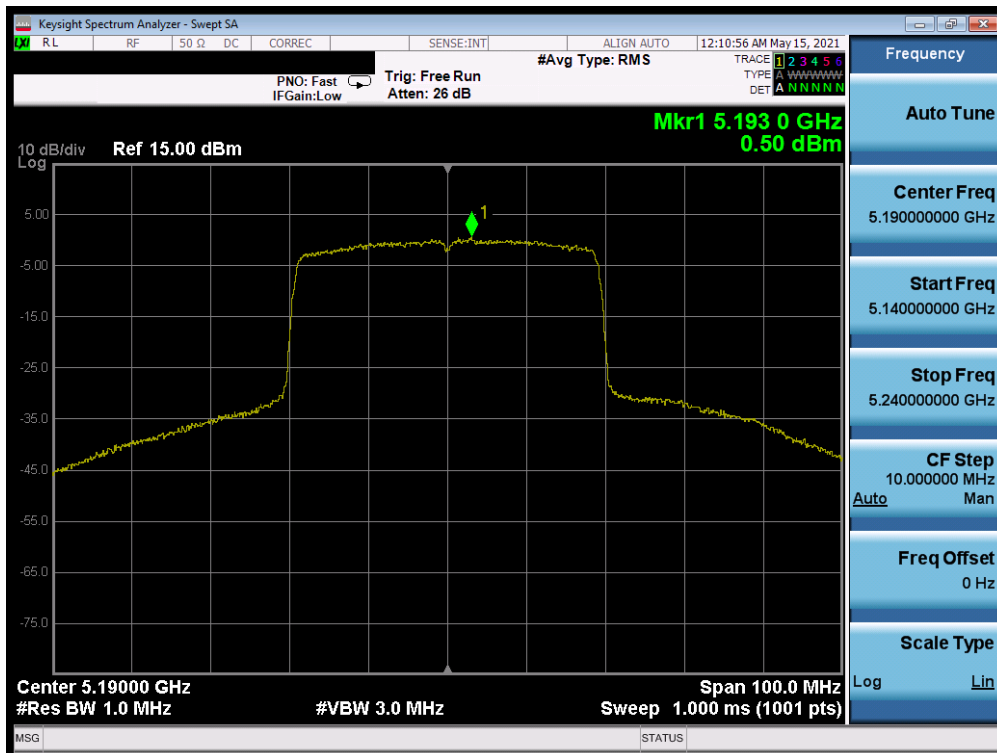


Plot 7-258. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 162 of 268



Plot 7-259. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

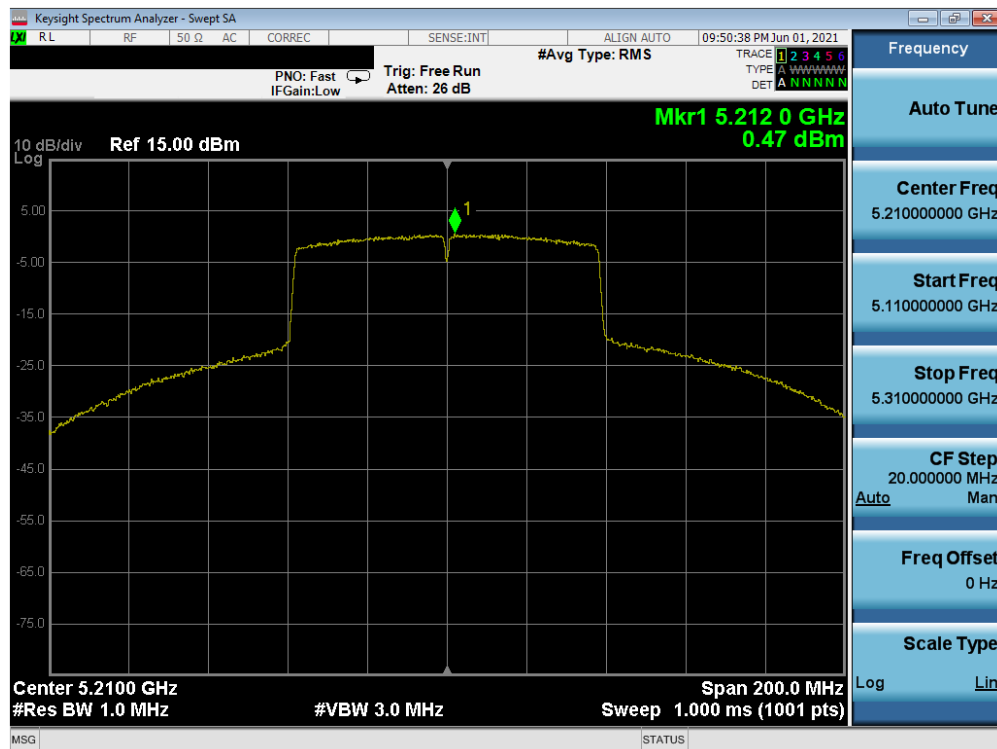


Plot 7-260. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 163 of 268

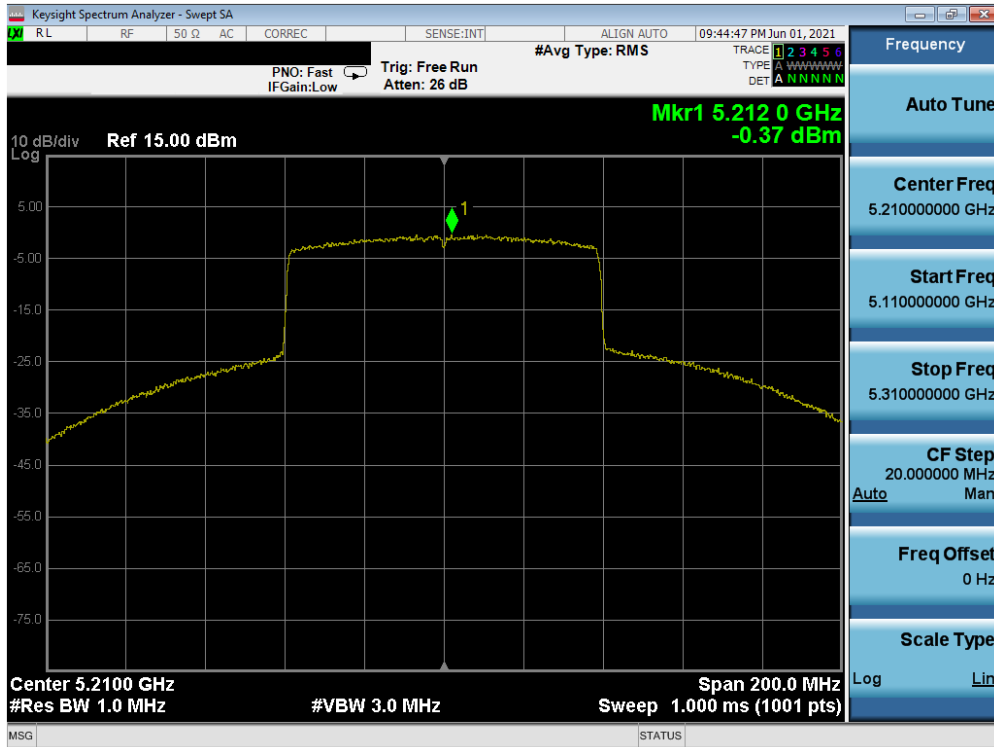


Plot 7-261. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

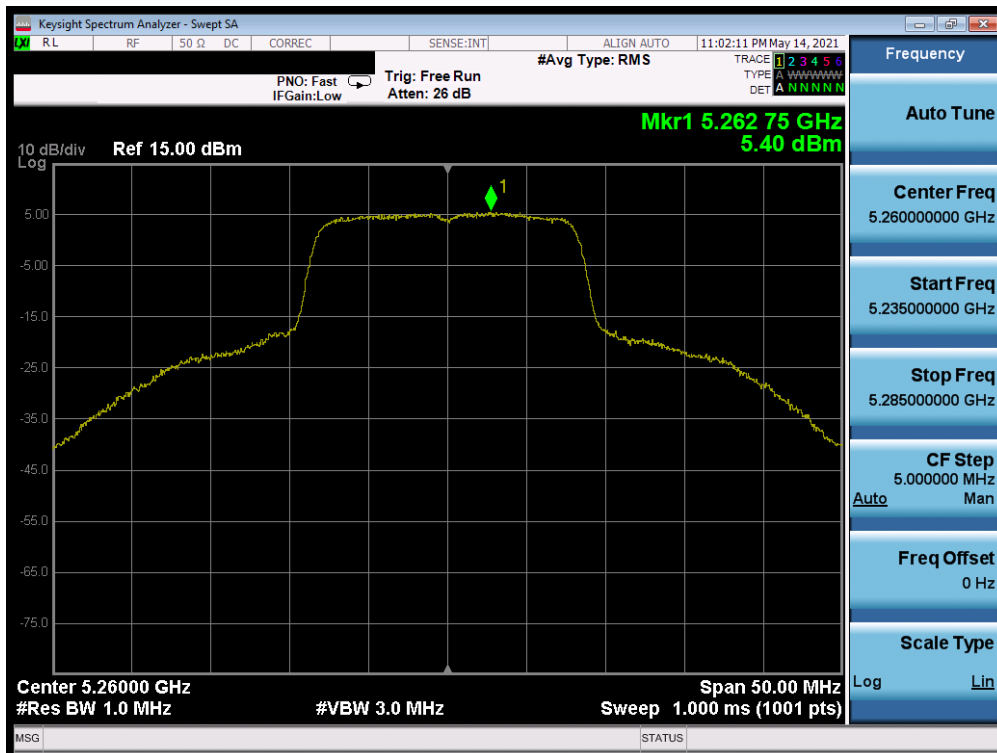


Plot 7-262. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 164 of 268

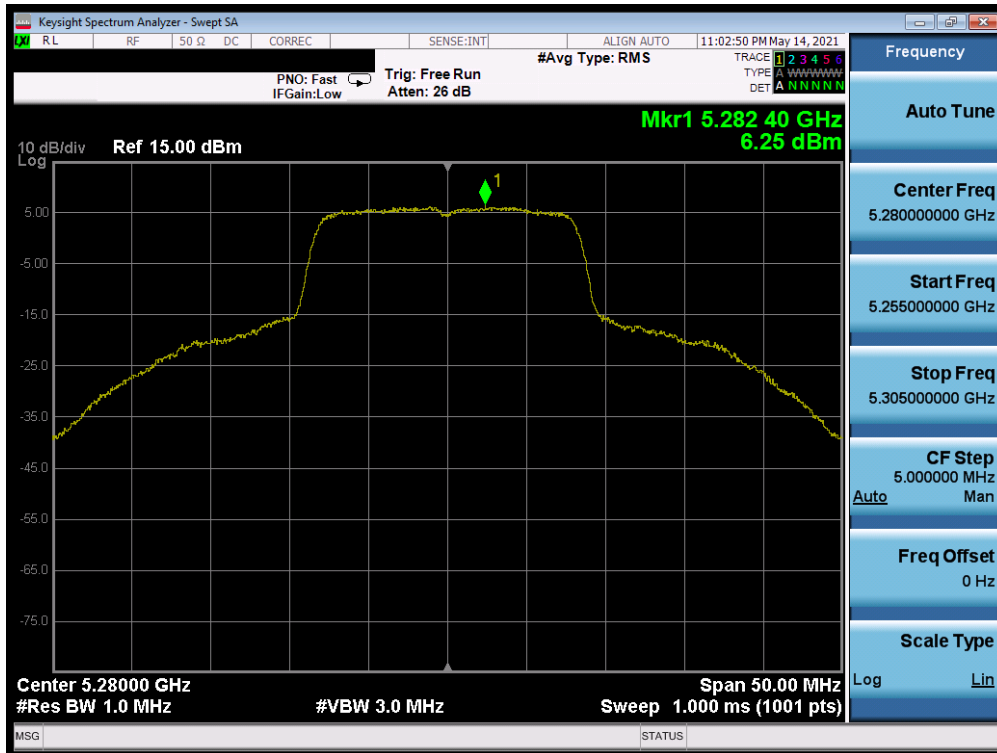


Plot 7-263. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

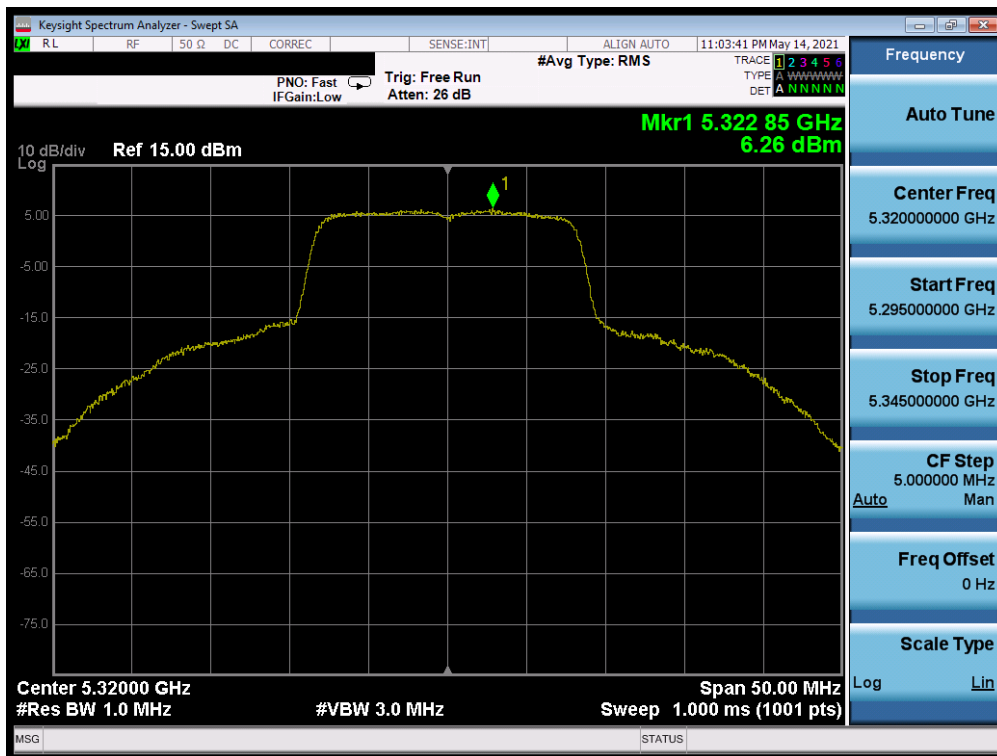


Plot 7-264. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 165 of 268

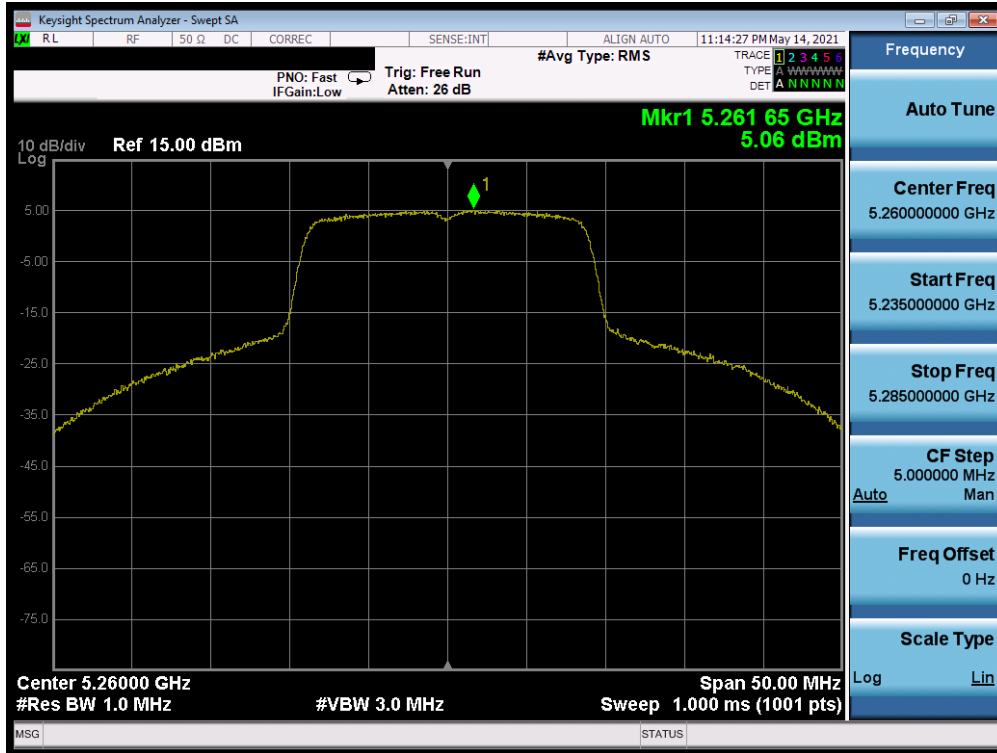


Plot 7-265. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 56)

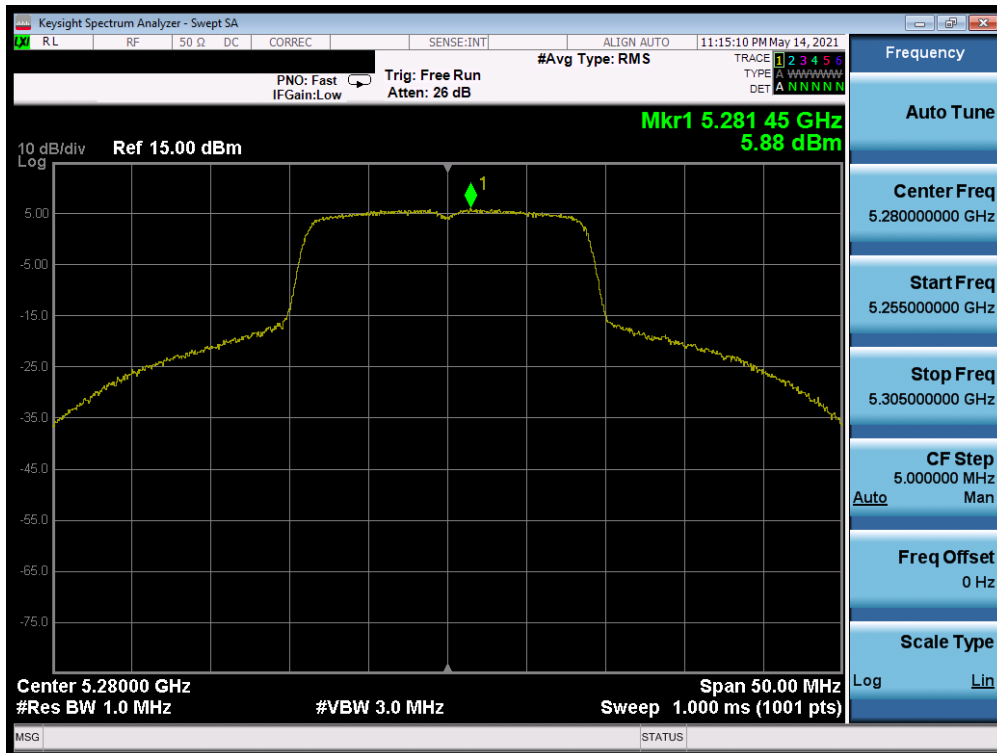


Plot 7-266. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 166 of 268

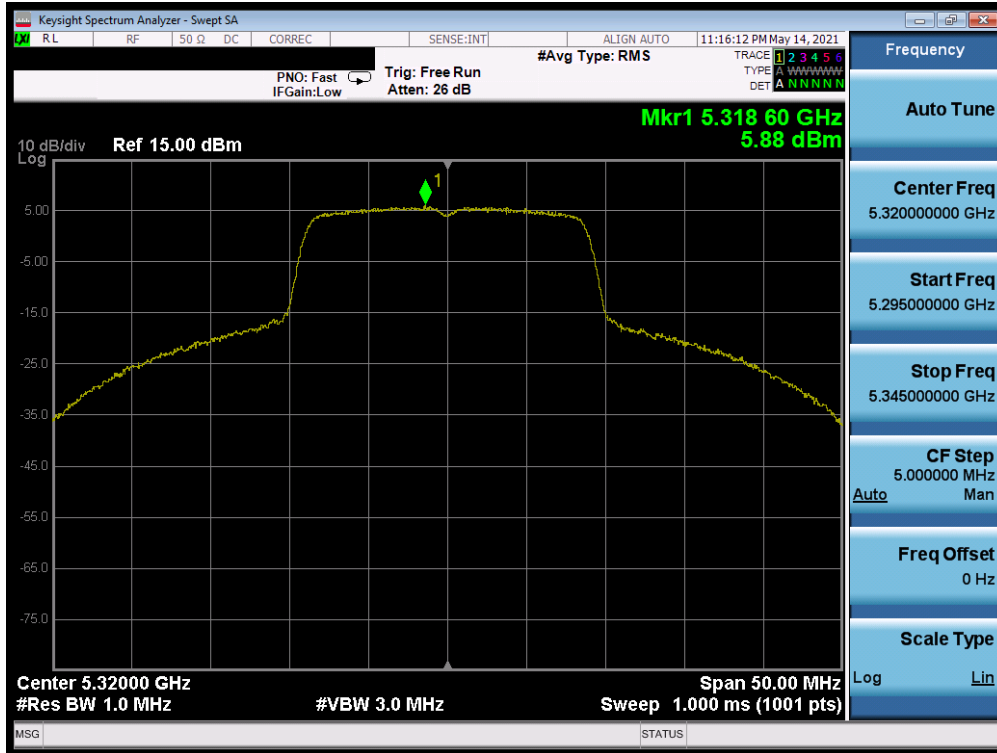


Plot 7-267. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

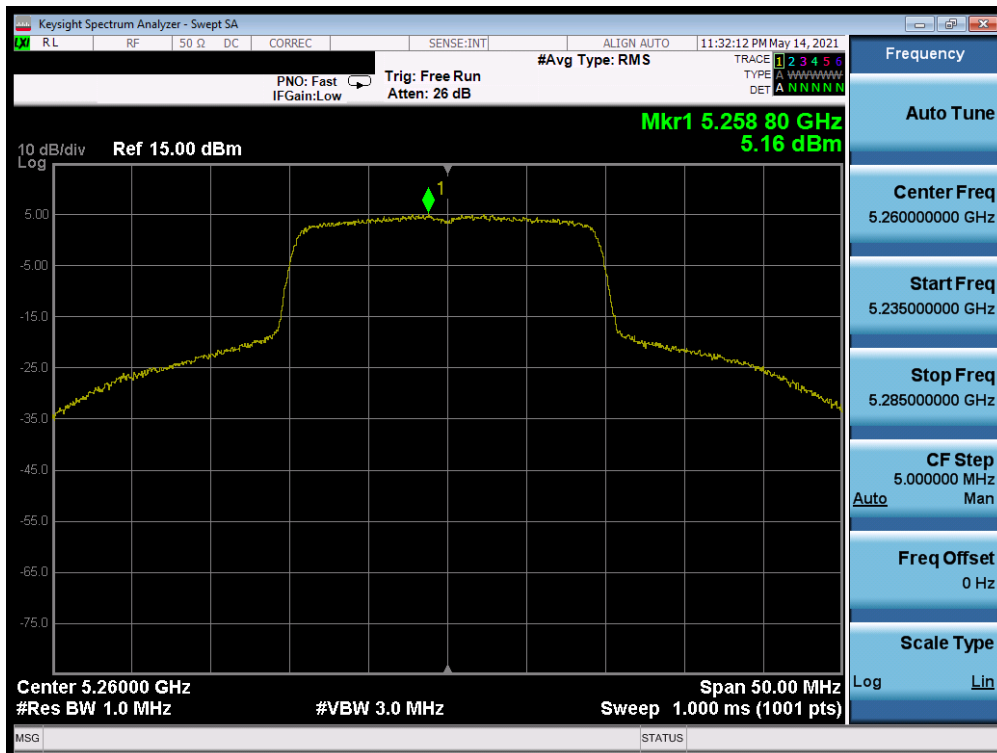


Plot 7-268. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 167 of 268

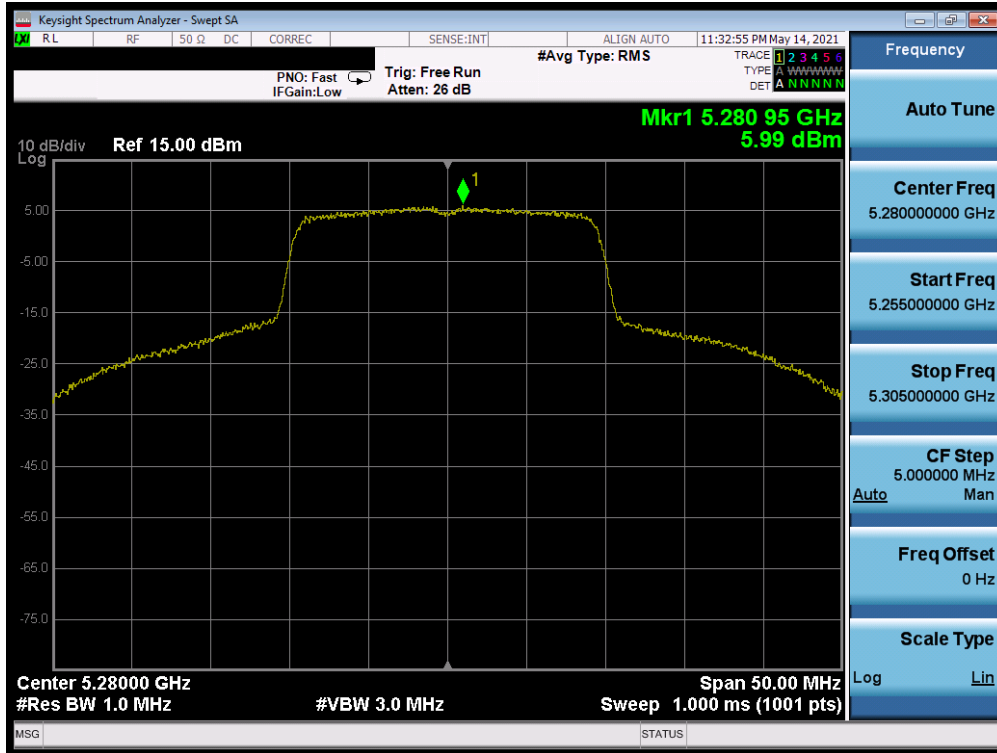


Plot 7-269. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

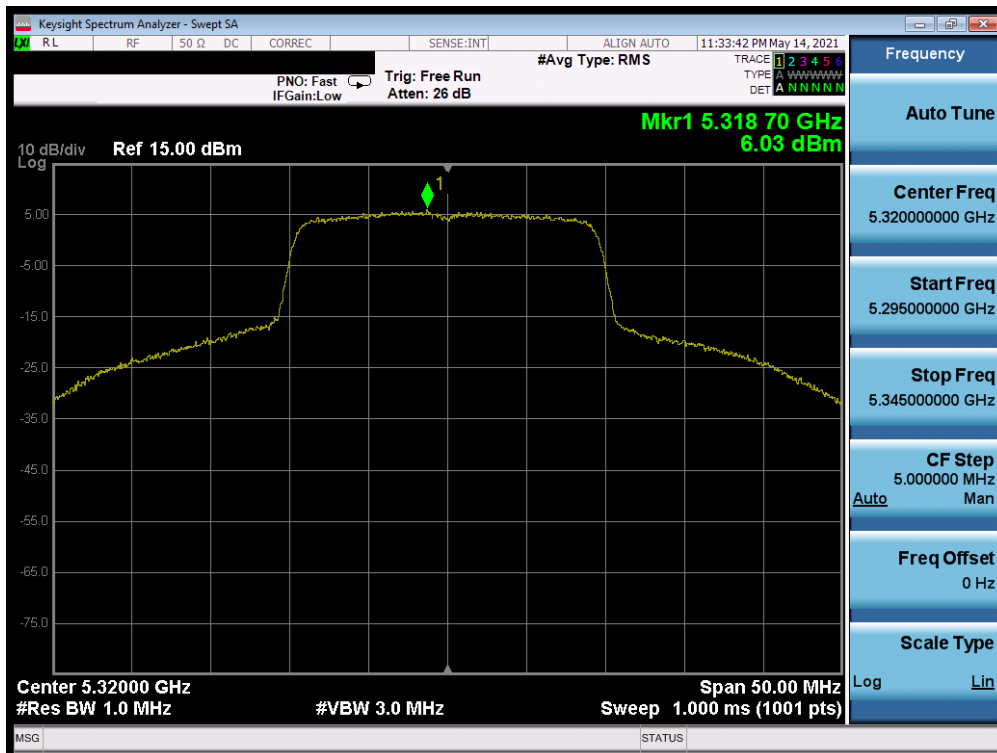


Plot 7-270. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 168 of 268

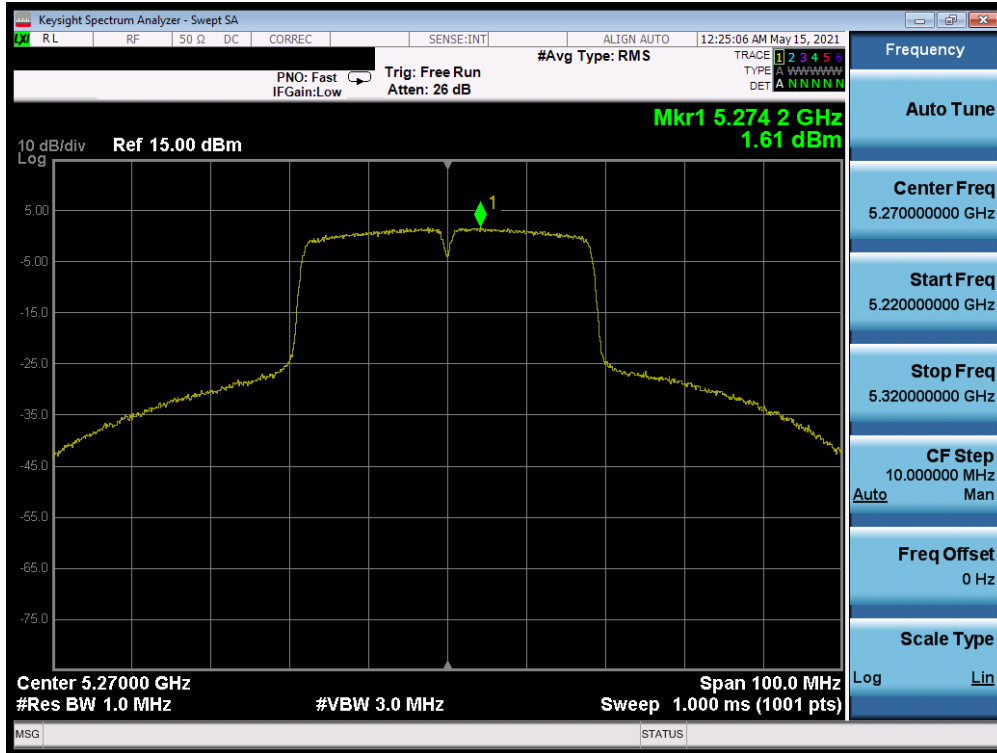


Plot 7-271. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

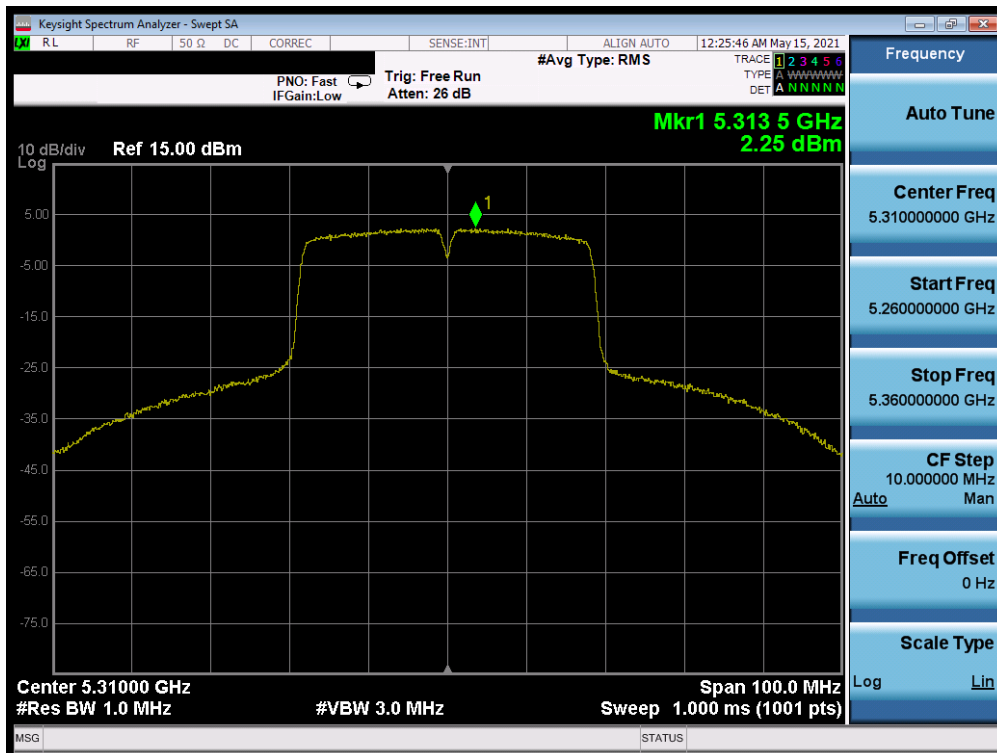


Plot 7-272. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 169 of 268

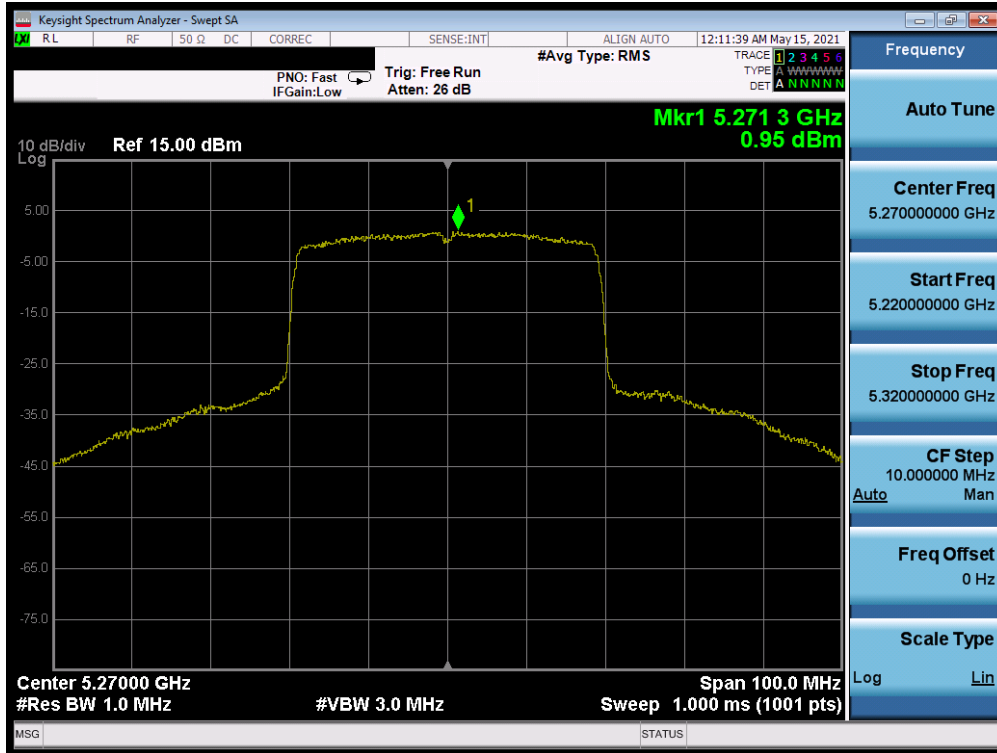


Plot 7-273. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

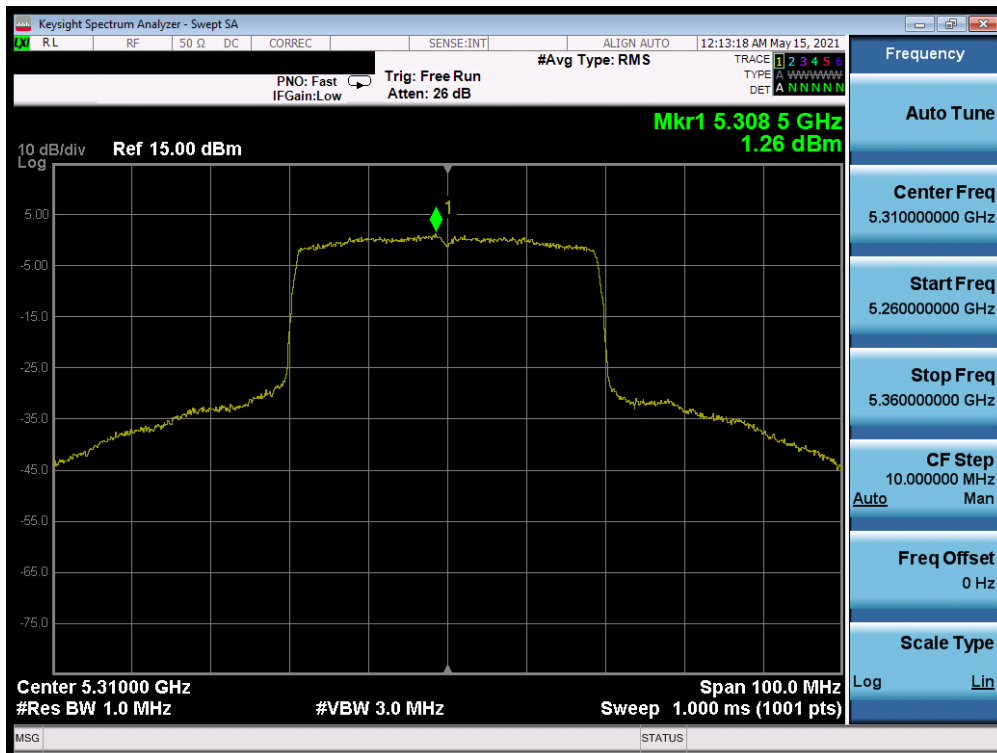


Plot 7-274. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 170 of 268

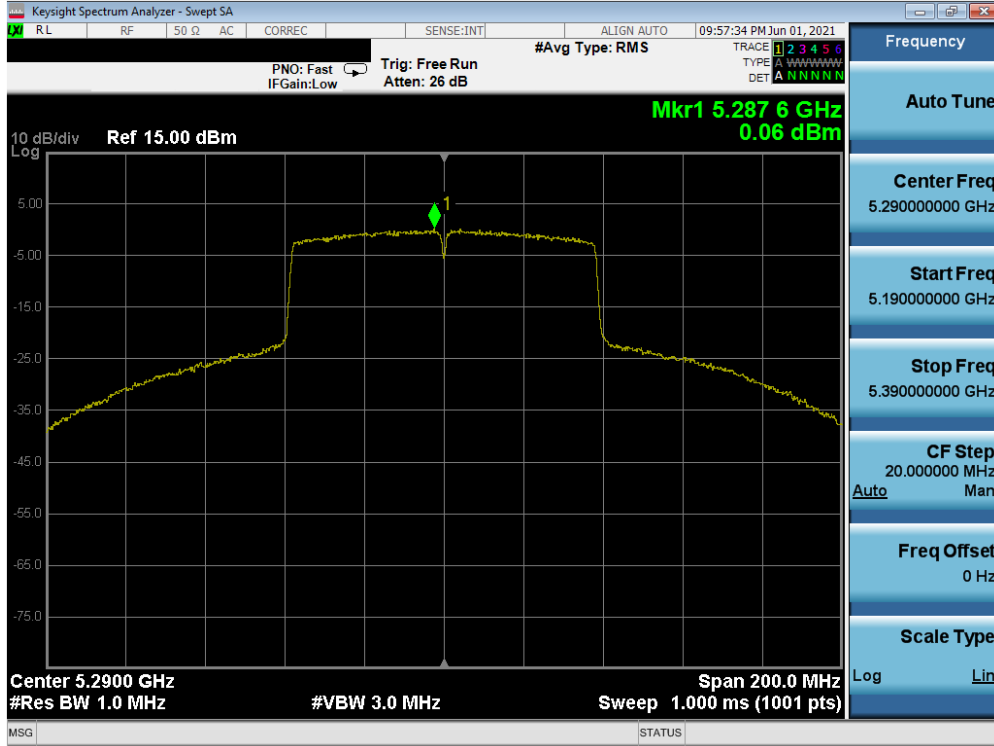


Plot 7-275. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

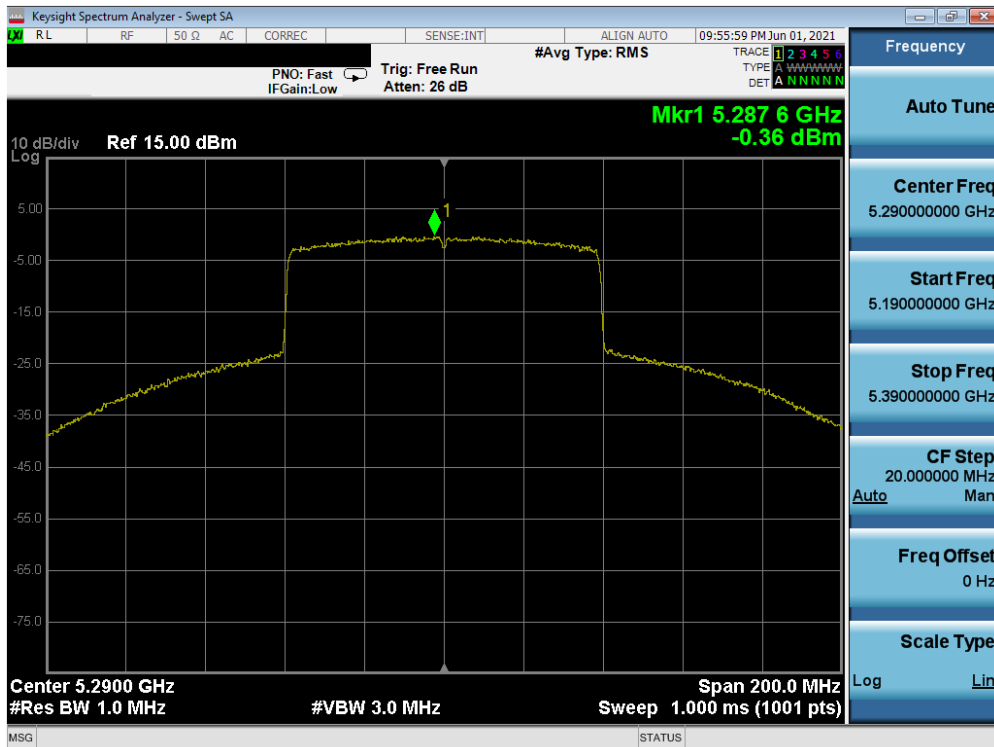


Plot 7-276. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 171 of 268

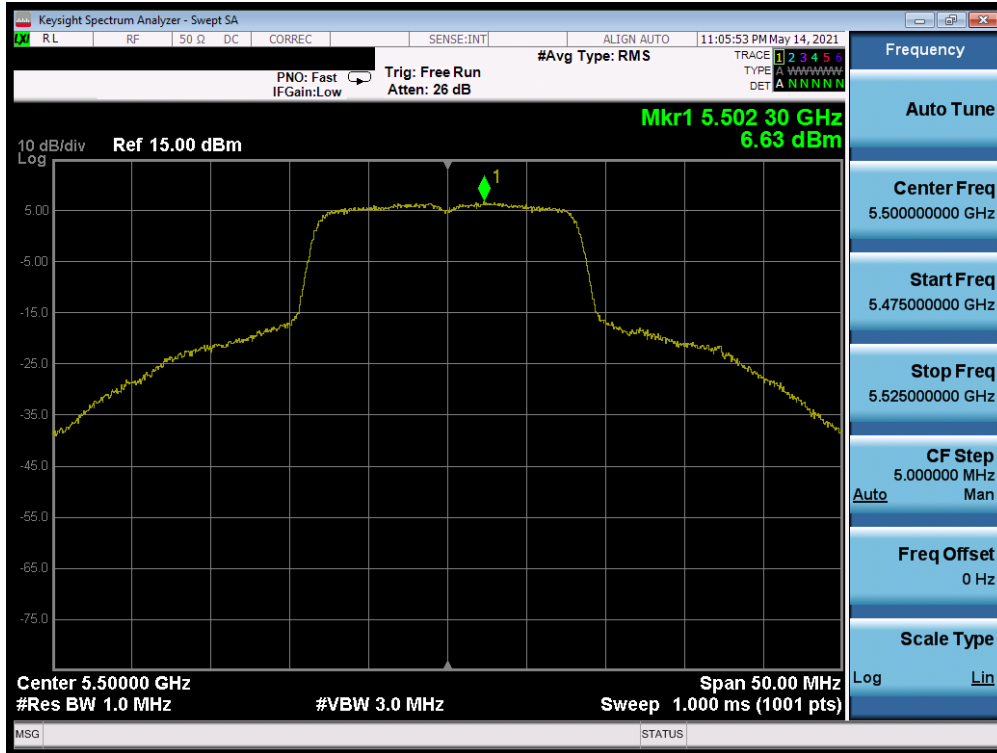


Plot 7-277. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)

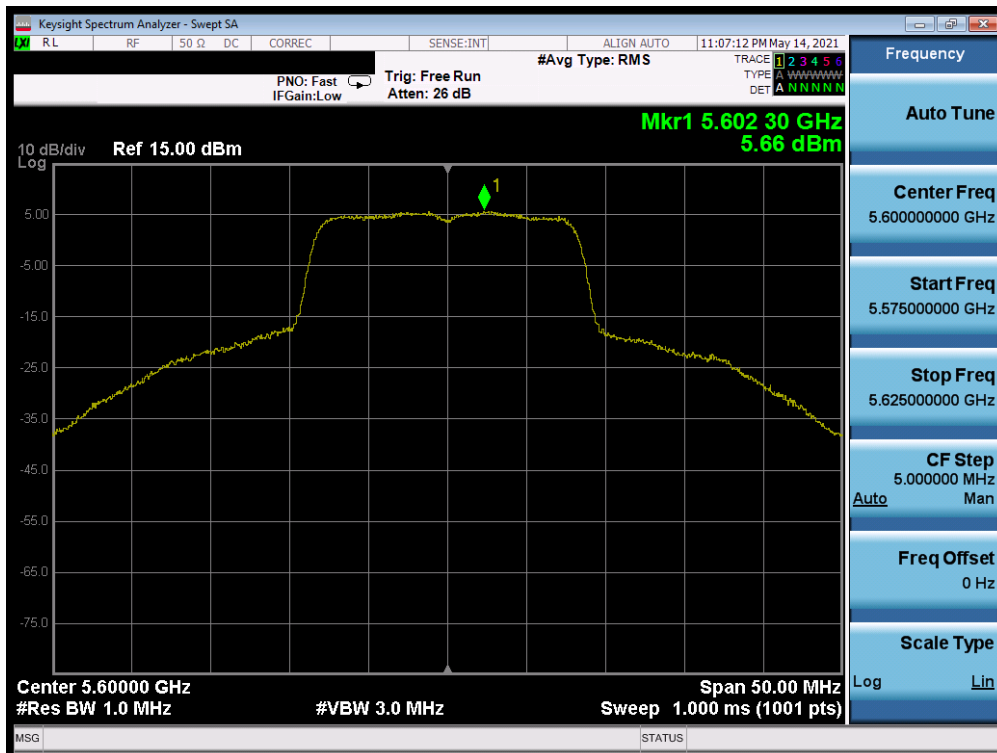


Plot 7-278. Power Spectral Density Plot MIMO ANT2 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 172 of 268

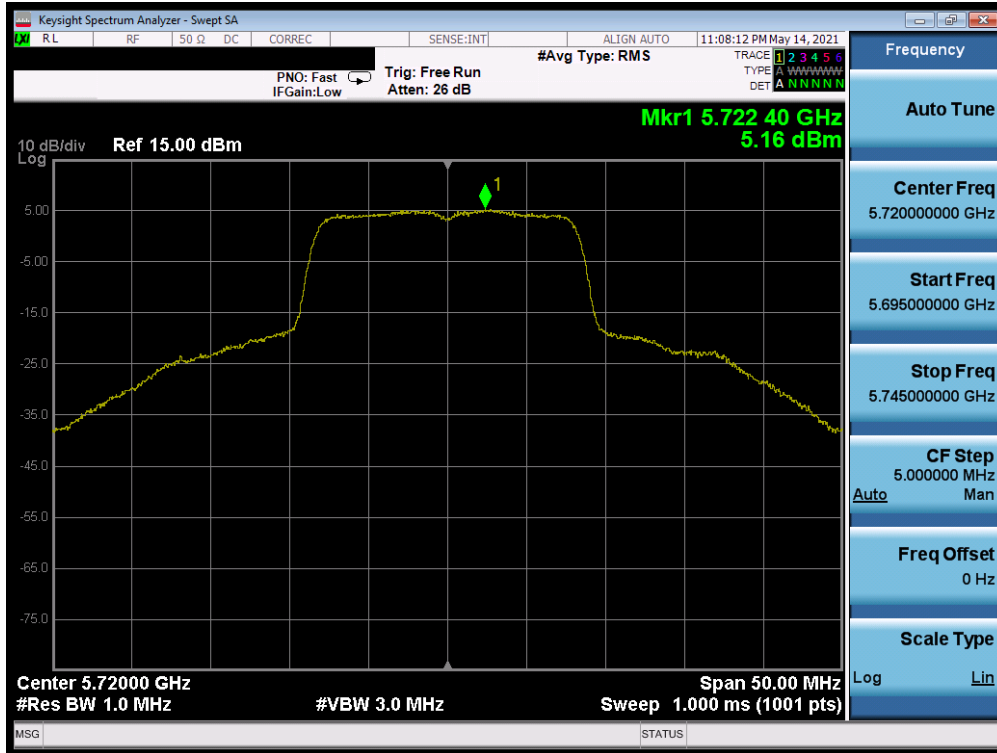


Plot 7-279. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 100)

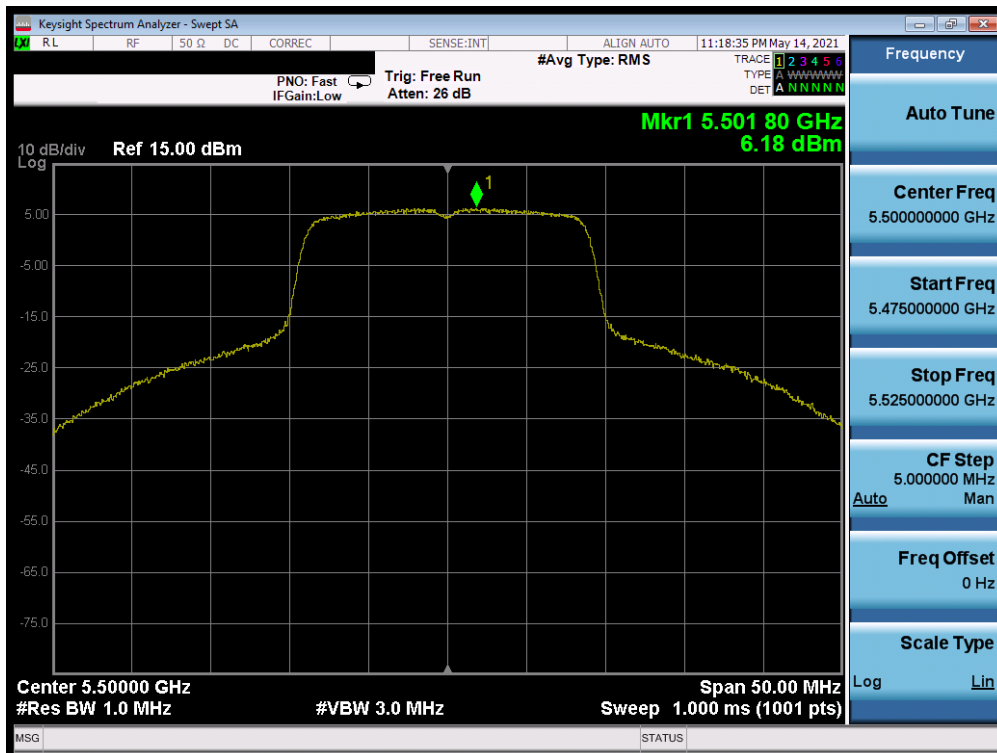


Plot 7-280. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 173 of 268

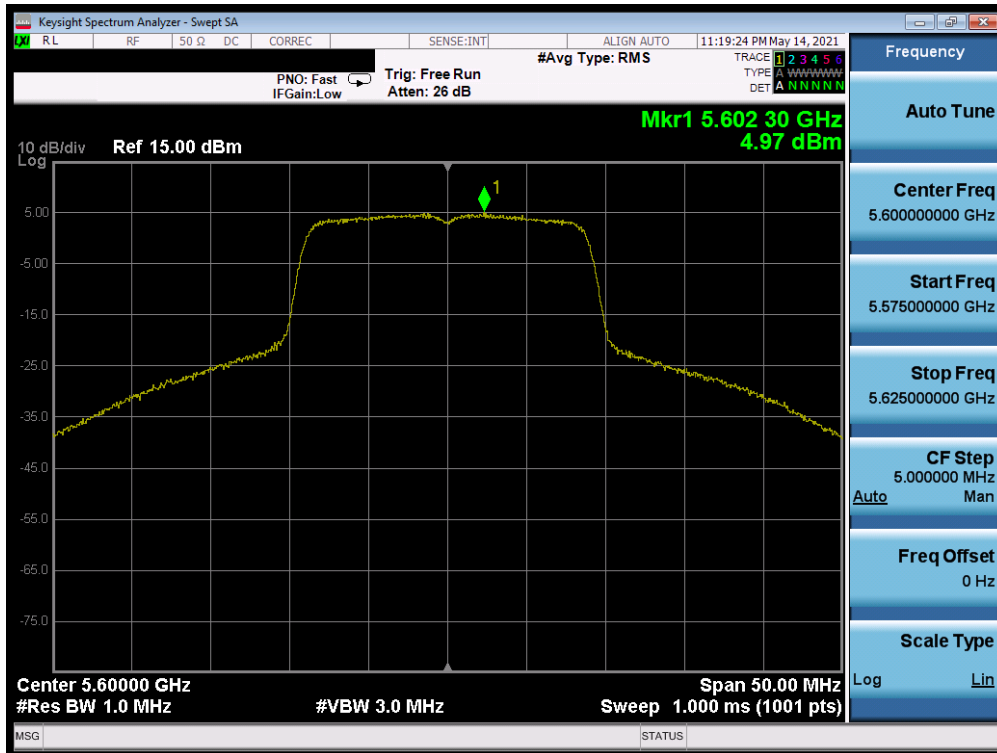


Plot 7-281. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11a (UNII Band 2C) – Ch. 144)

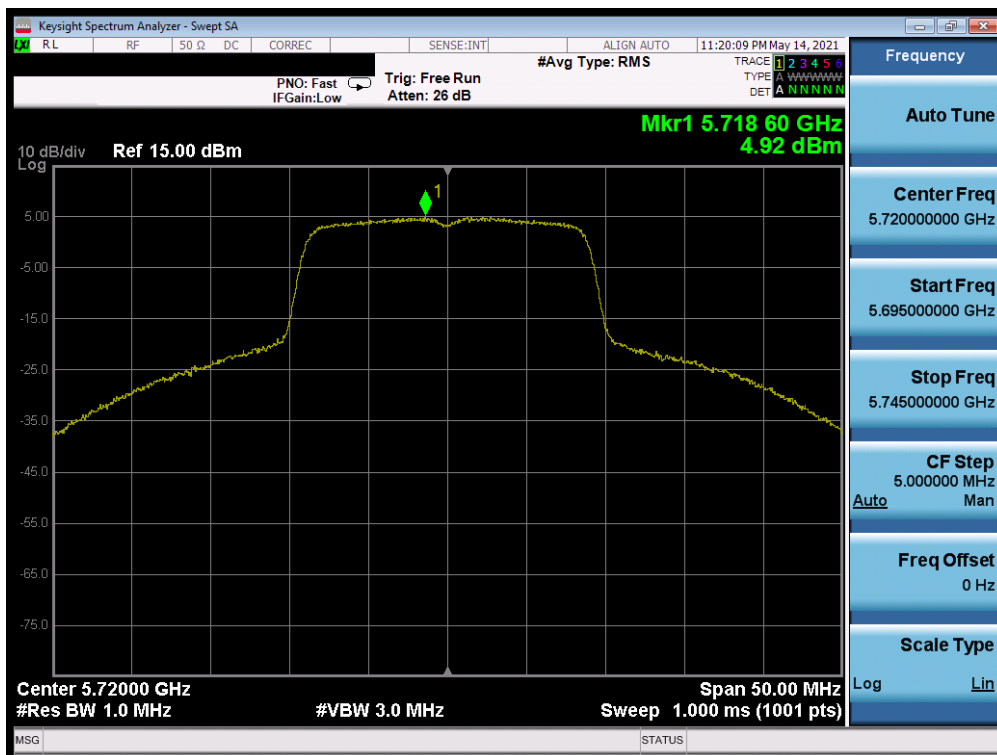


Plot 7-282. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 174 of 268

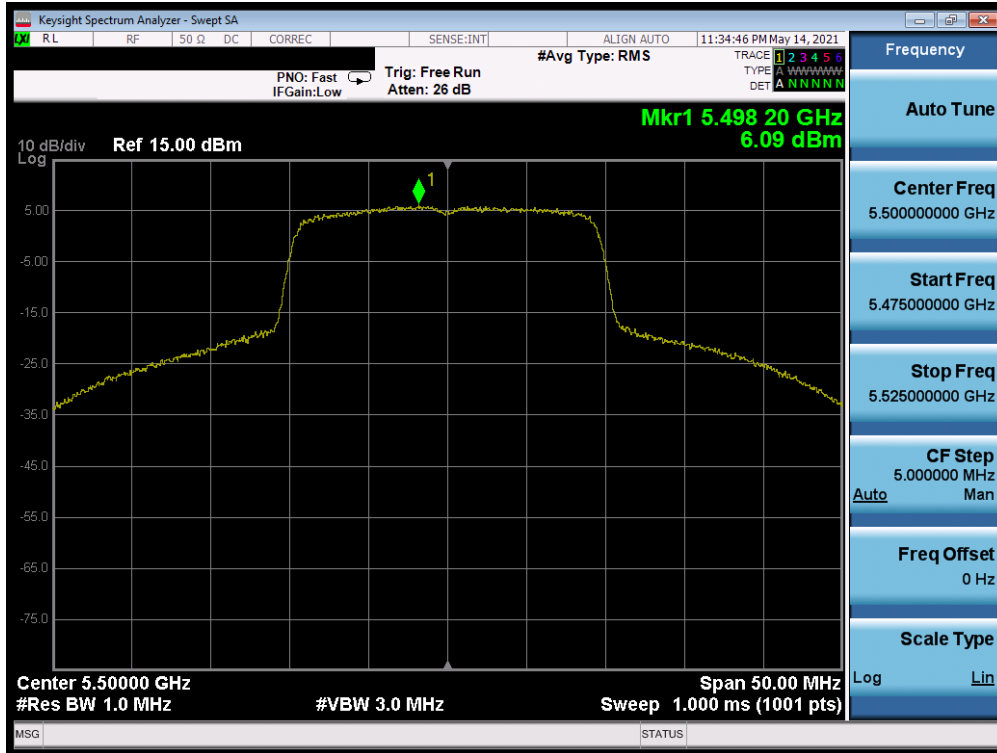


Plot 7-283. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

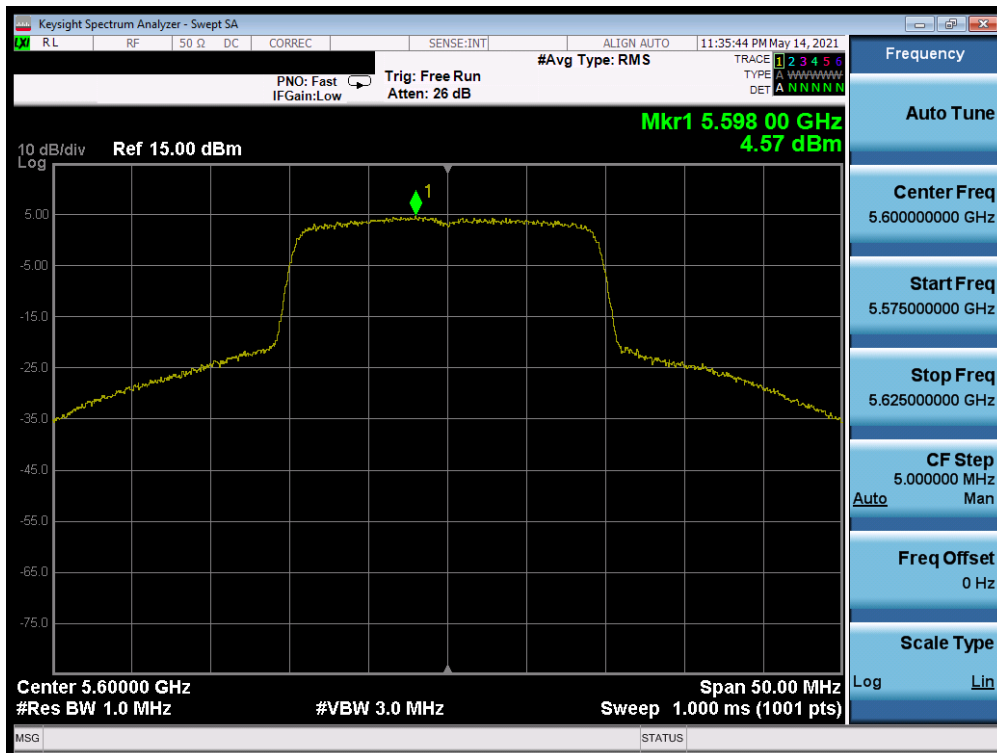


Plot 7-284. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 175 of 268

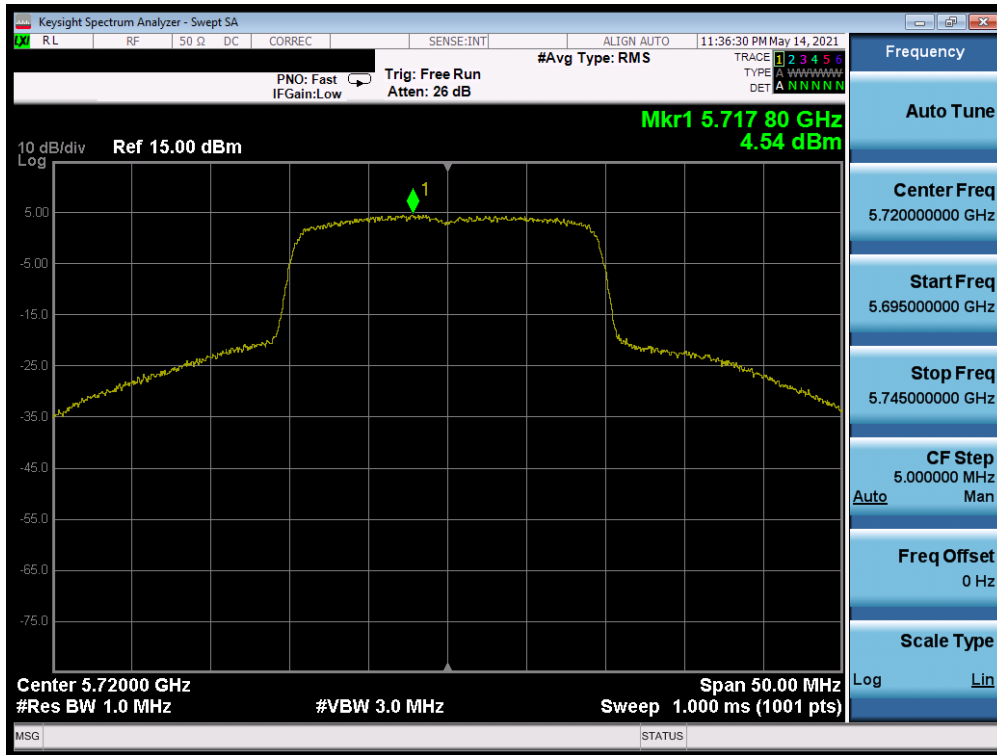


Plot 7-285. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

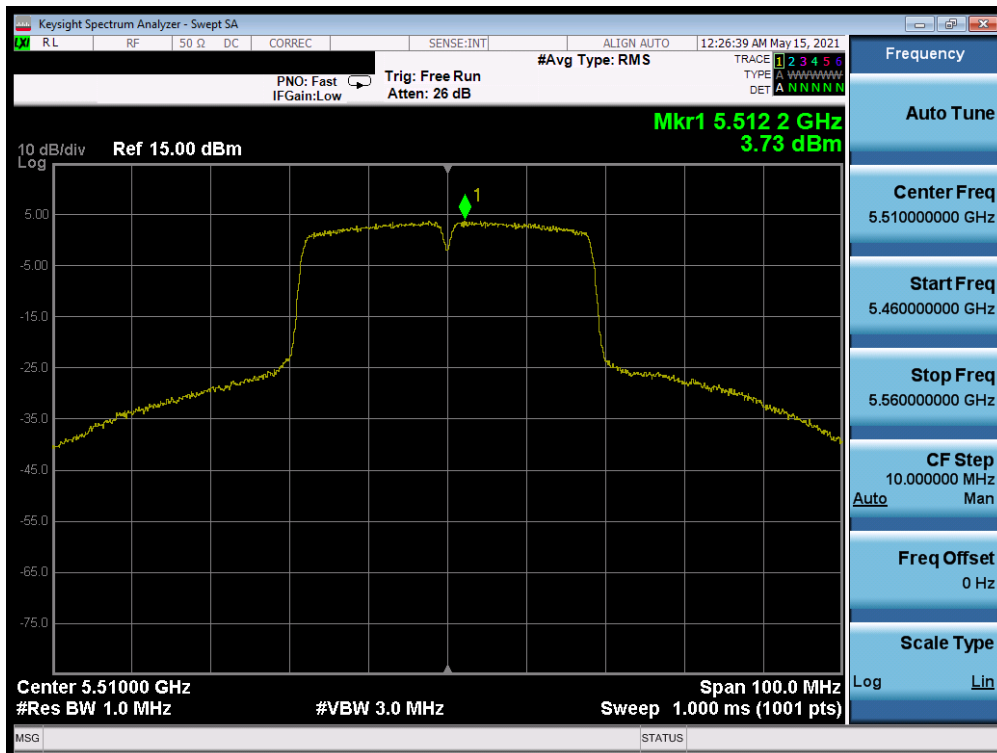


Plot 7-286. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 176 of 268

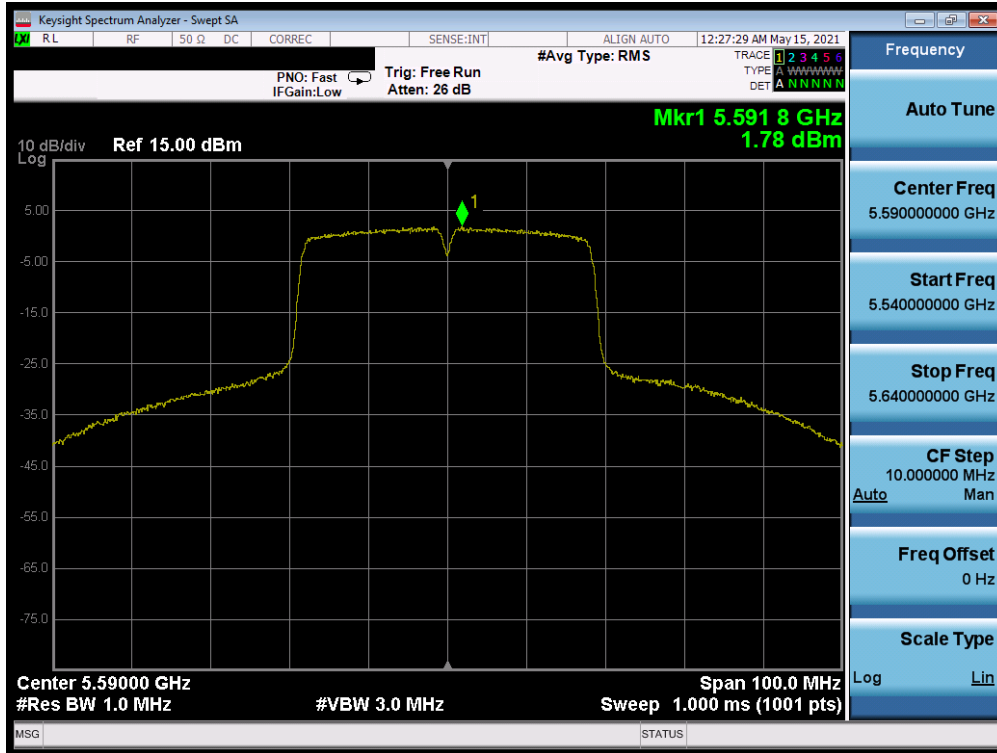


Plot 7-287. Power Spectral Density Plot MIMO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

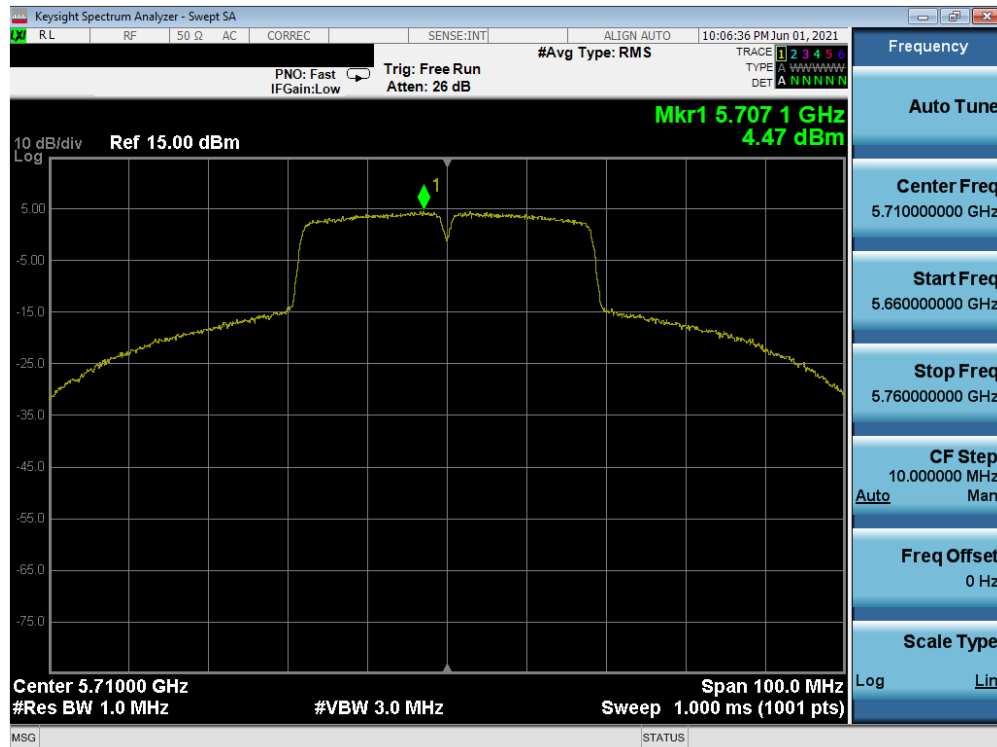


Plot 7-288. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 177 of 268

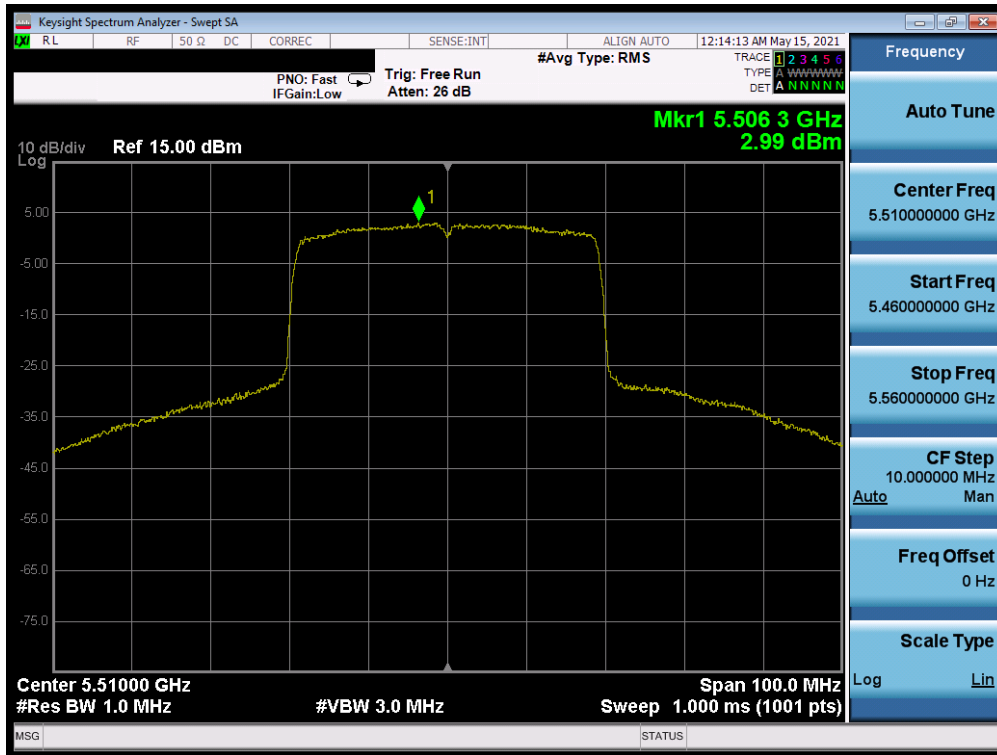


Plot 7-289. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

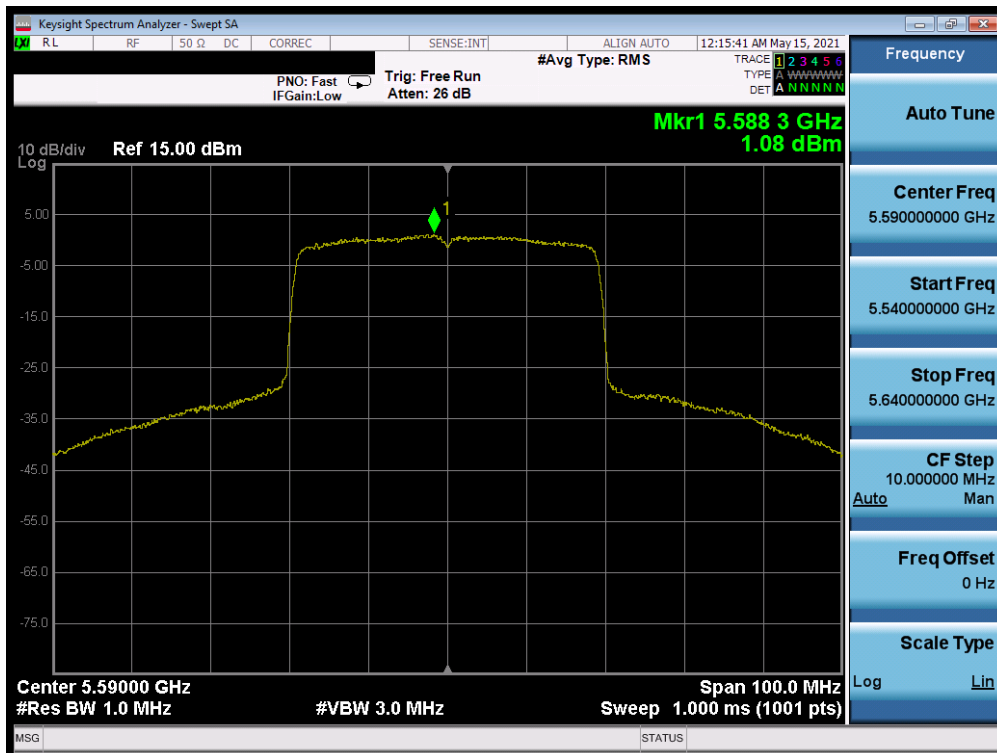


Plot 7-290. Power Spectral Density Plot MIMO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

FCC ID: A3LSMF711U1	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 178 of 268



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



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

FCC ID: A3LSMF711U1	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2107290086-11.A3L	Test Dates: 04/12/2021 - 06/02/2021	EUT Type: Portable Handset		Page 179 of 268