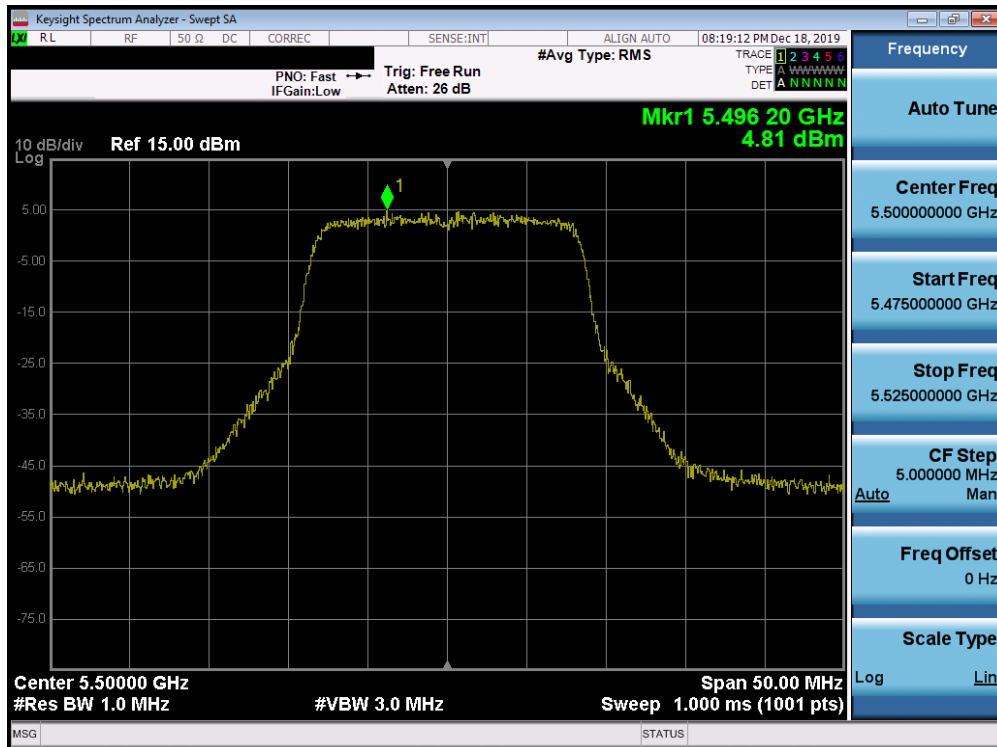
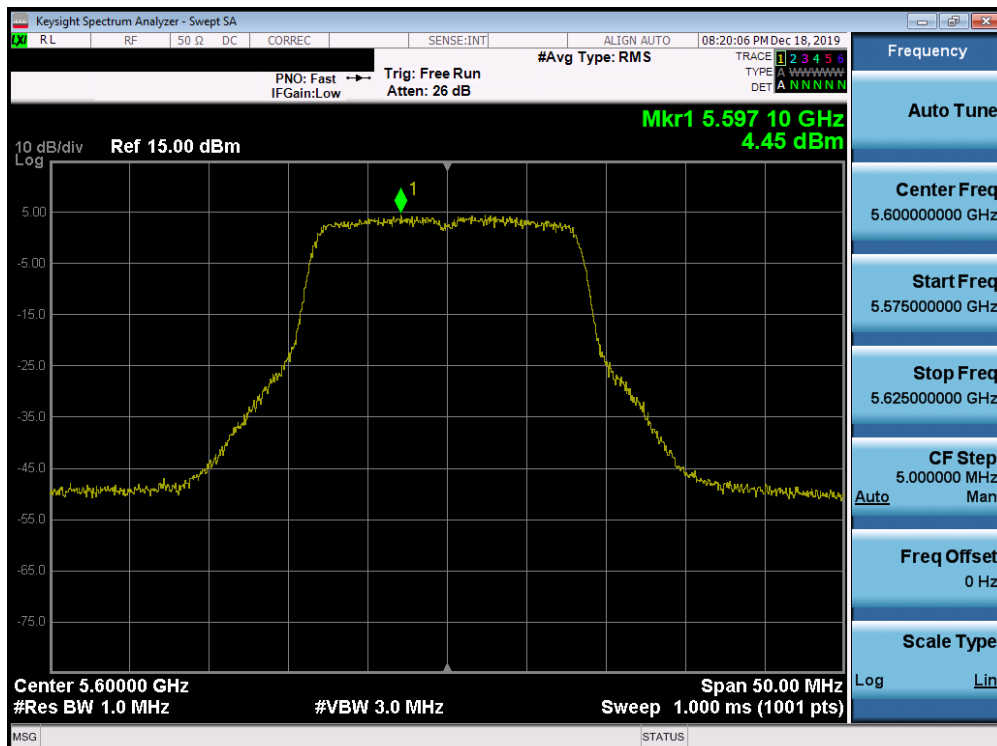


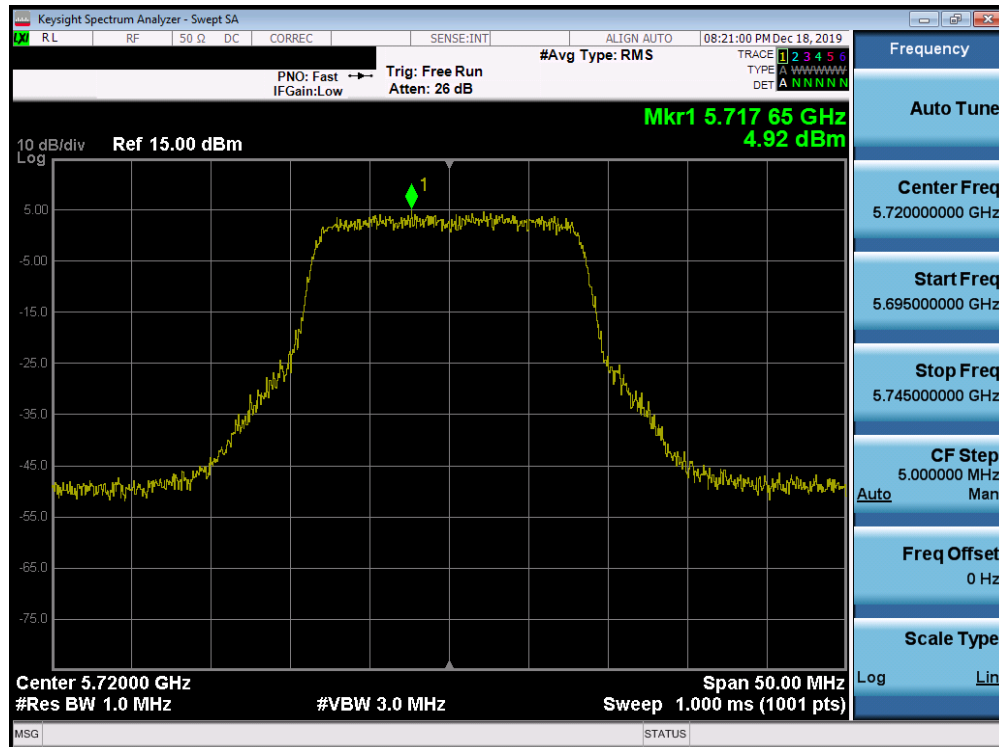


Plot 7-215. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 100)

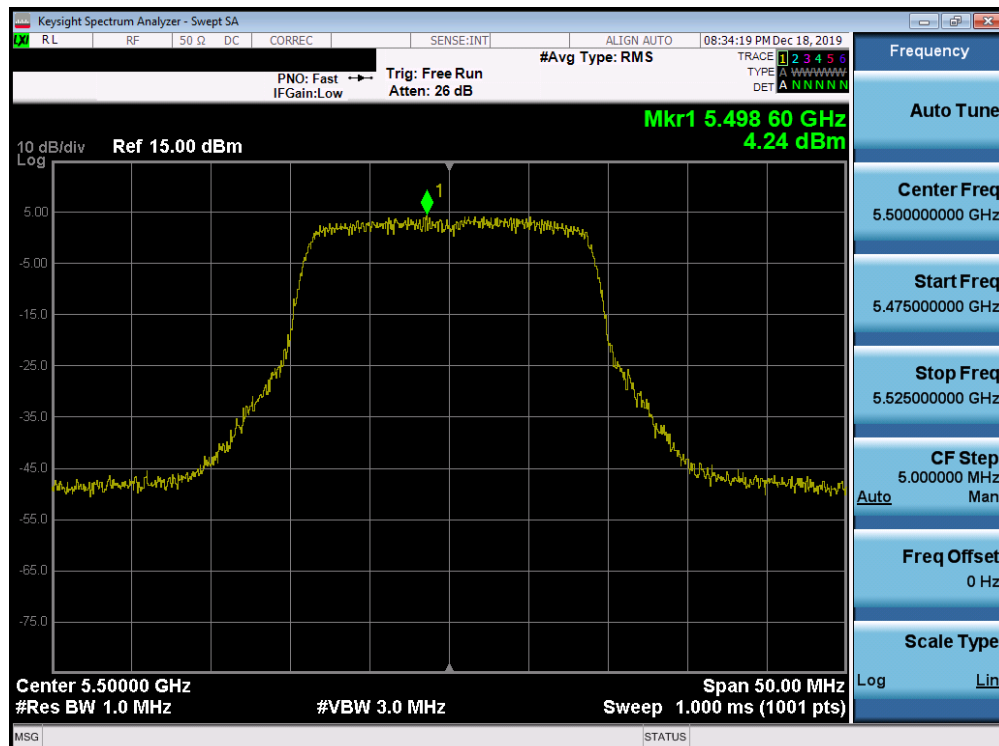


Plot 7-216. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 120)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 140 of 291

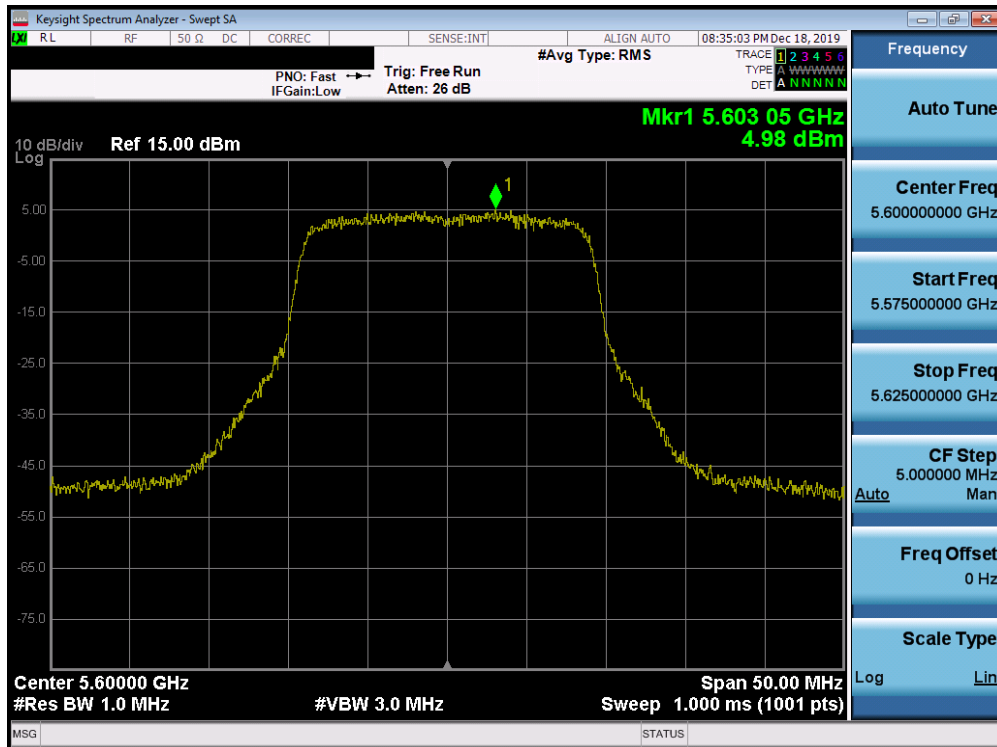


Plot 7-217. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 2C) – Ch. 144)

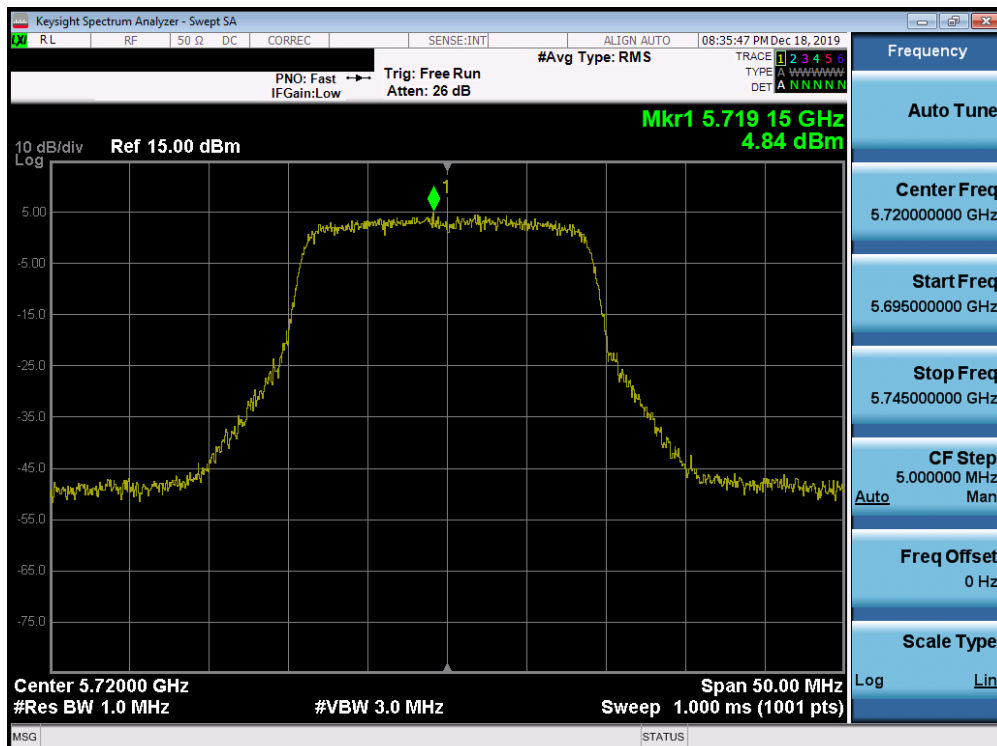


Plot 7-218. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 141 of 291

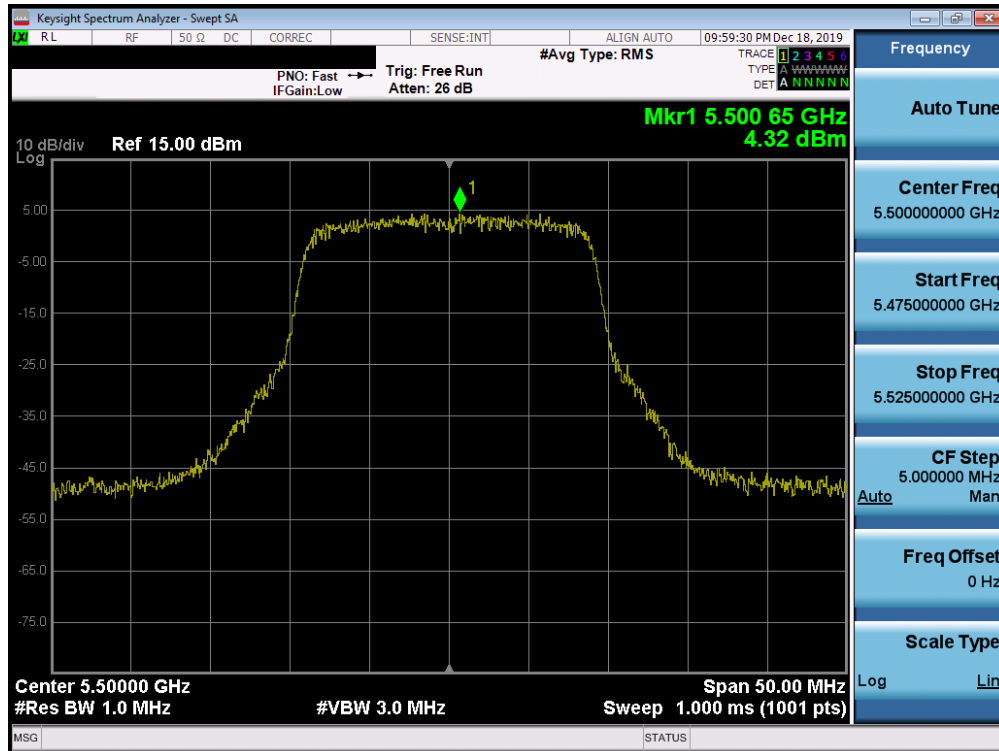


Plot 7-219. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

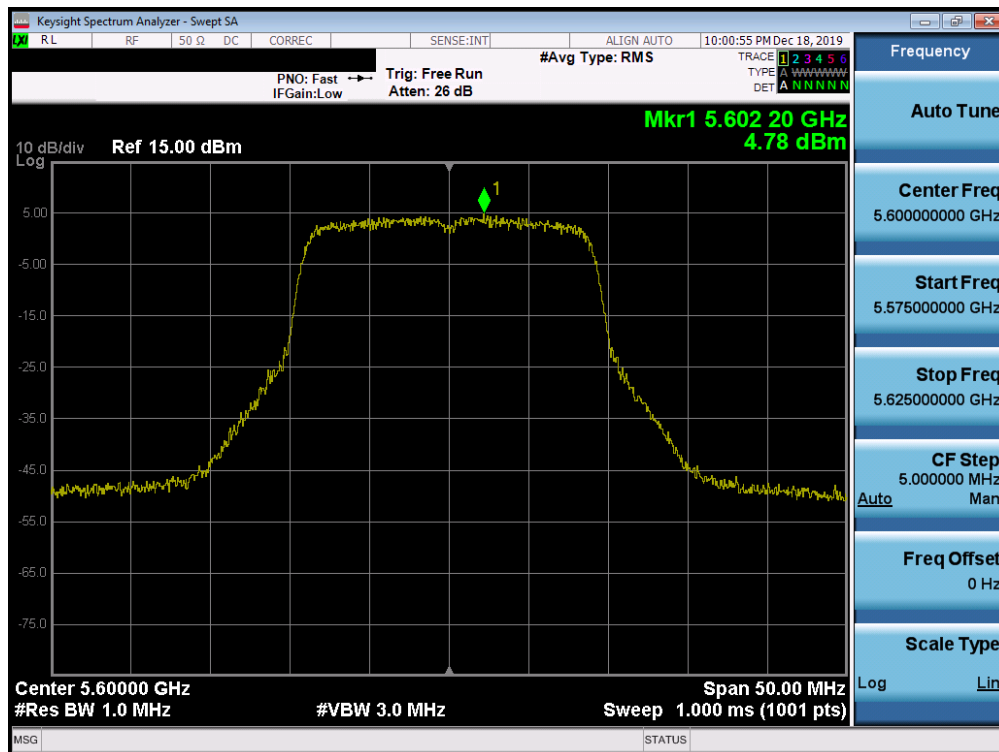


Plot 7-220. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 142 of 291

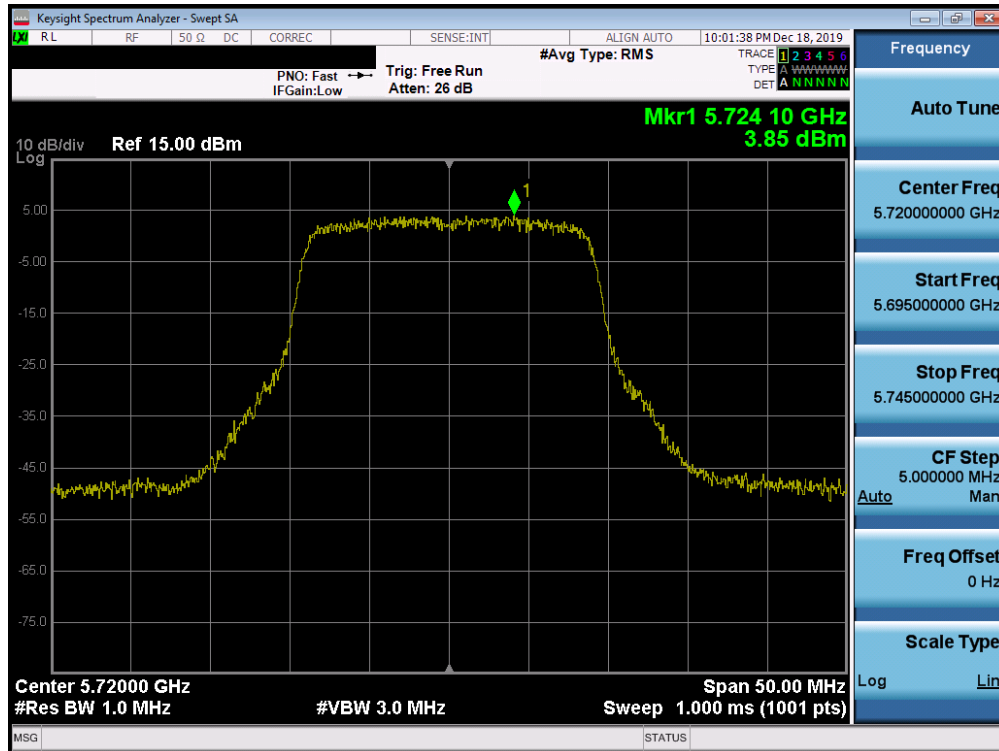


Plot 7-221. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 100)

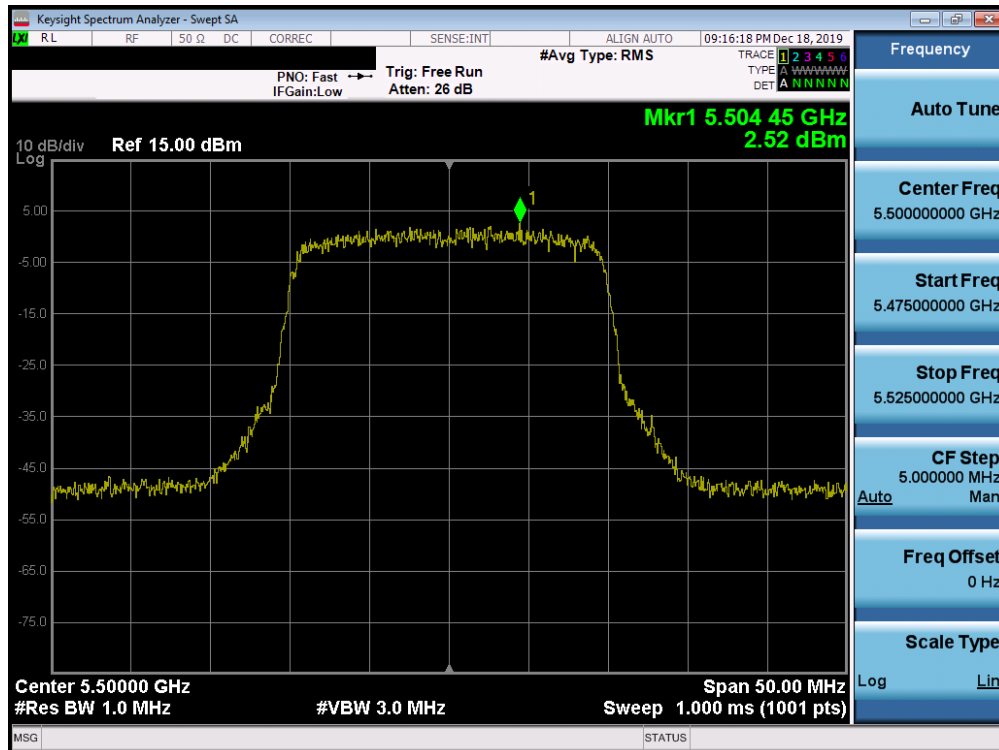


Plot 7-222. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 120)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 143 of 291

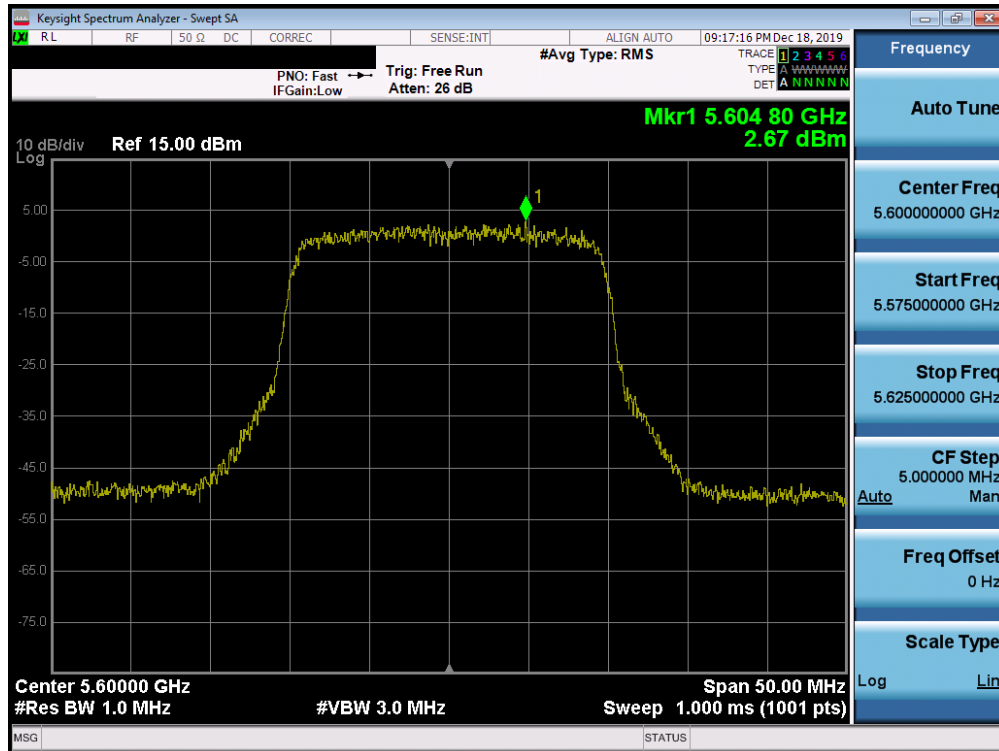


Plot 7-223. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 144)

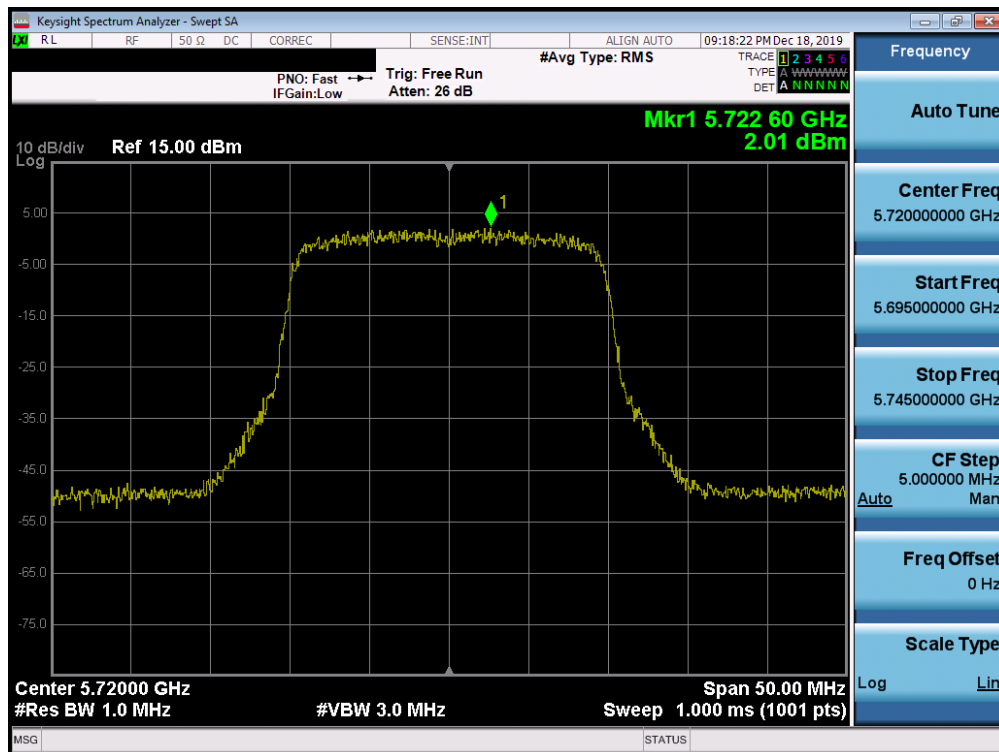


Plot 7-224. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 144 of 291

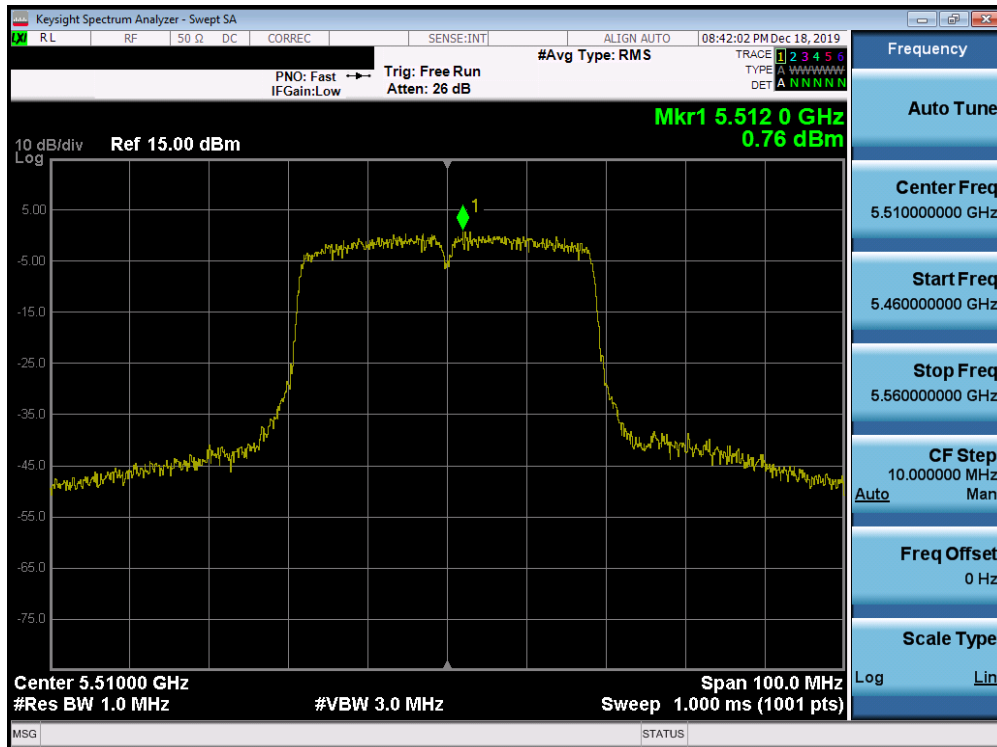


Plot 7-225. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

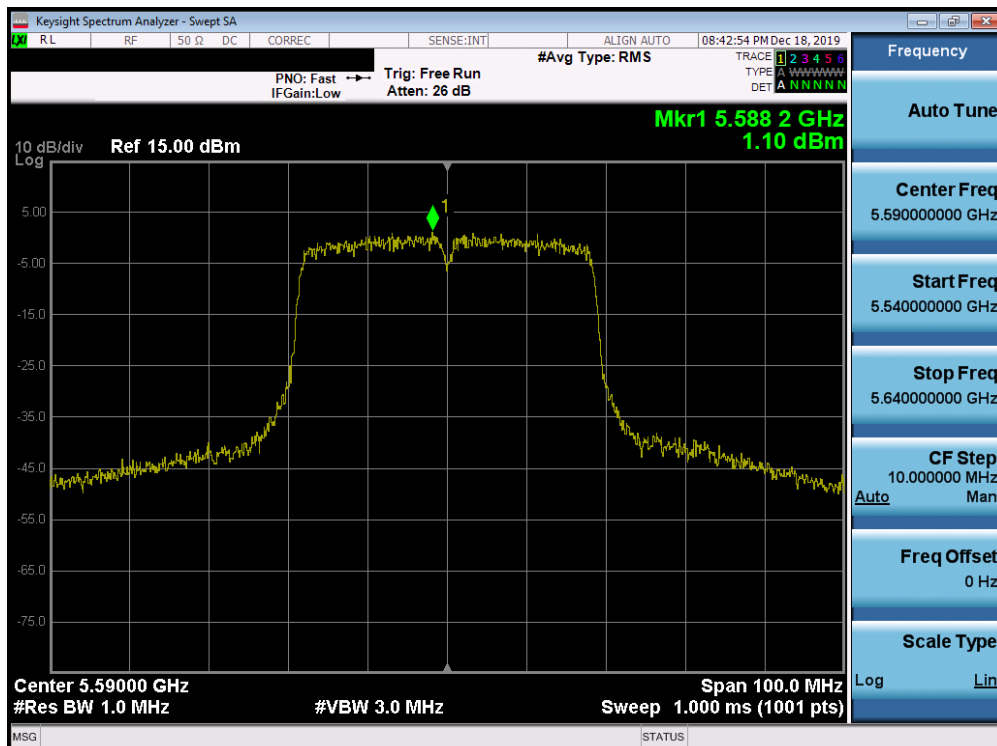


Plot 7-226. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 145 of 291

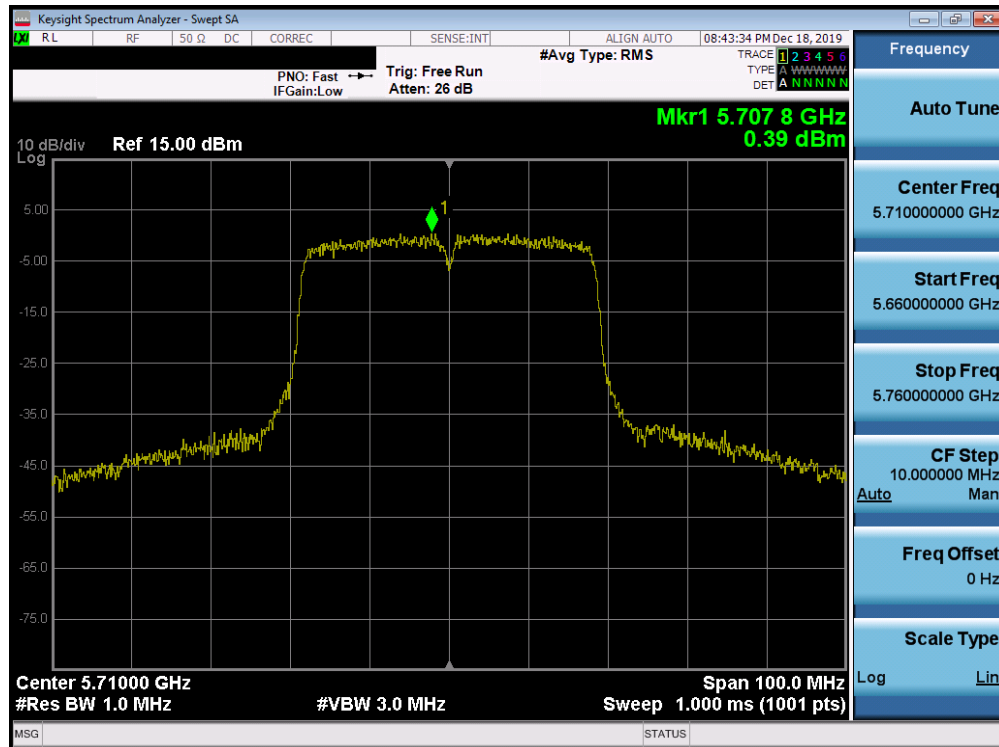


Plot 7-227. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

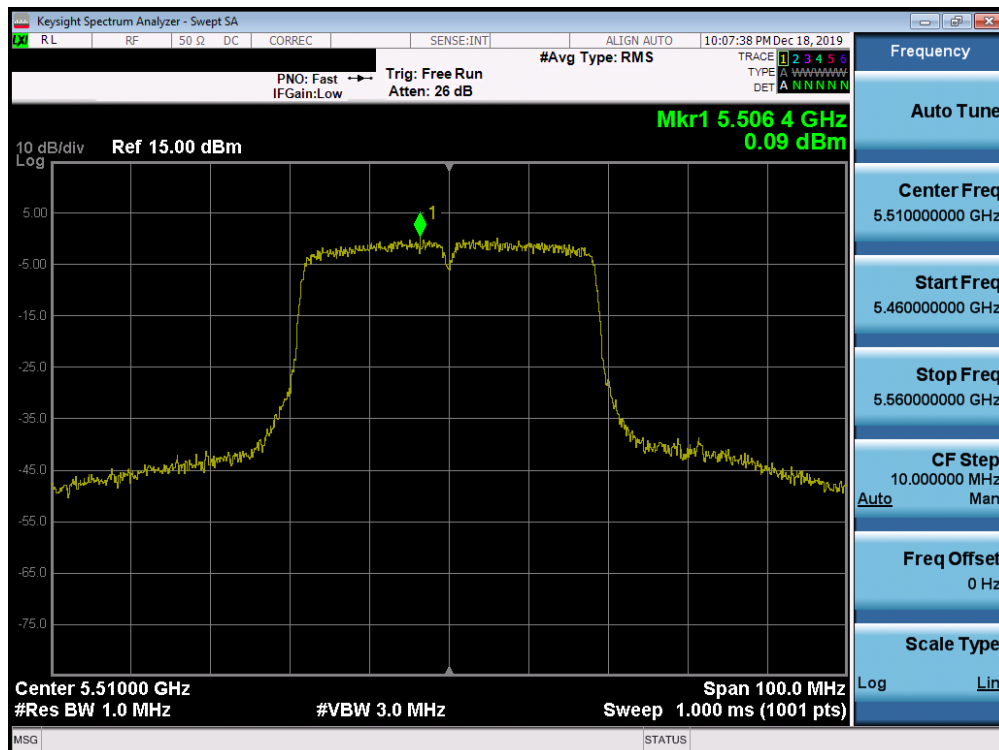


Plot 7-228. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 146 of 291

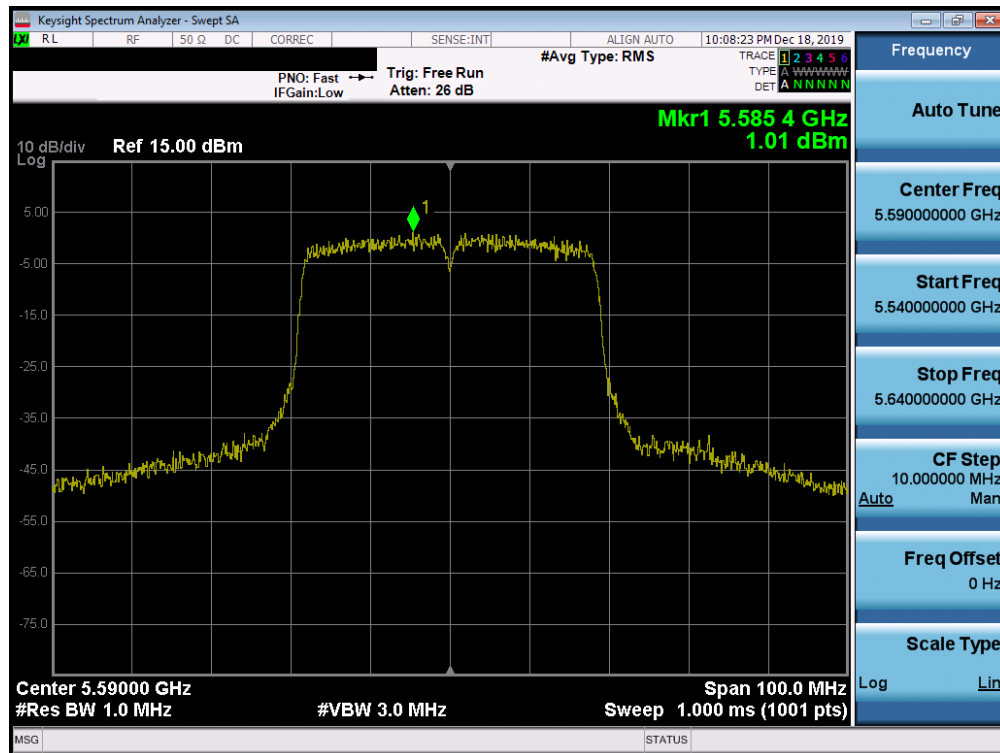


Plot 7-229. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

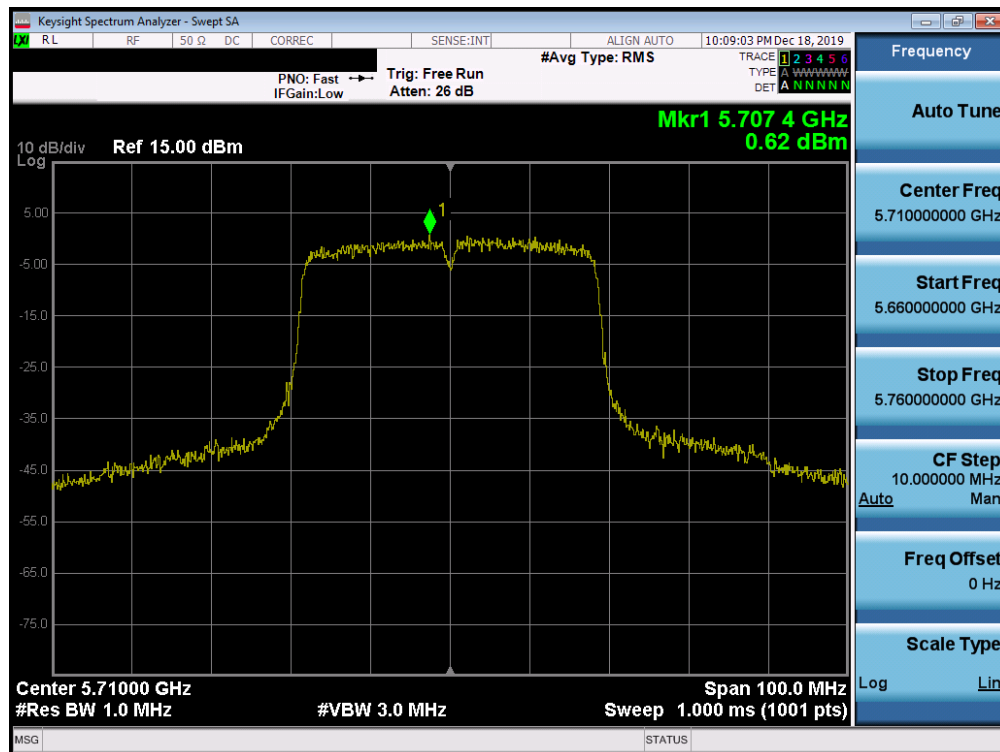


Plot 7-230. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 102)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 147 of 291

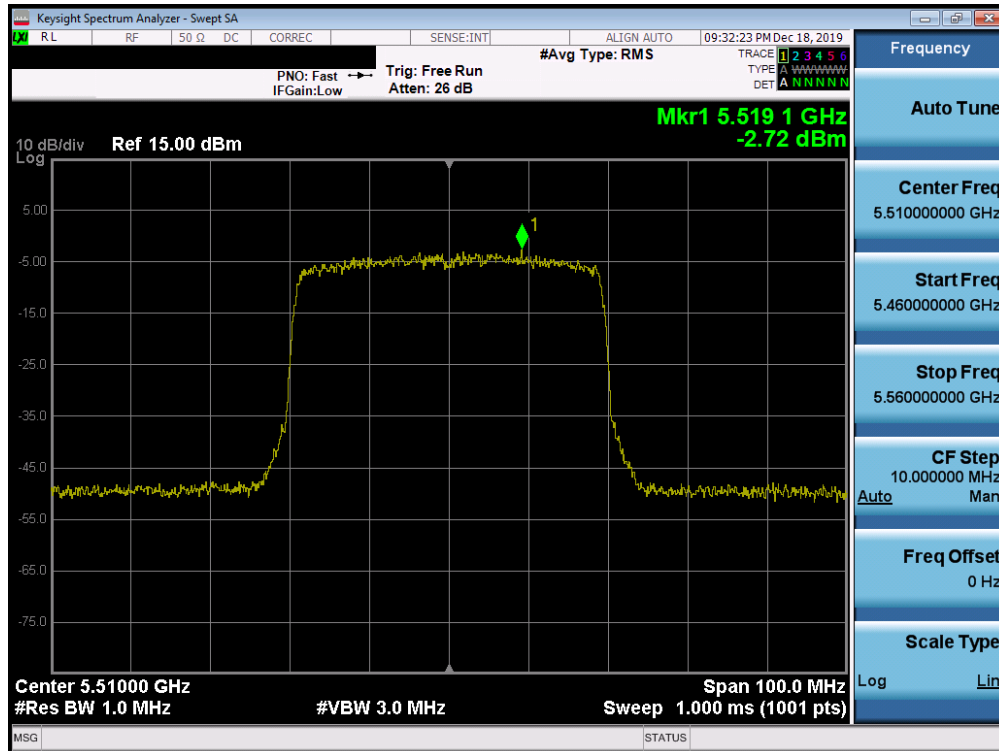


Plot 7-231. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 118)

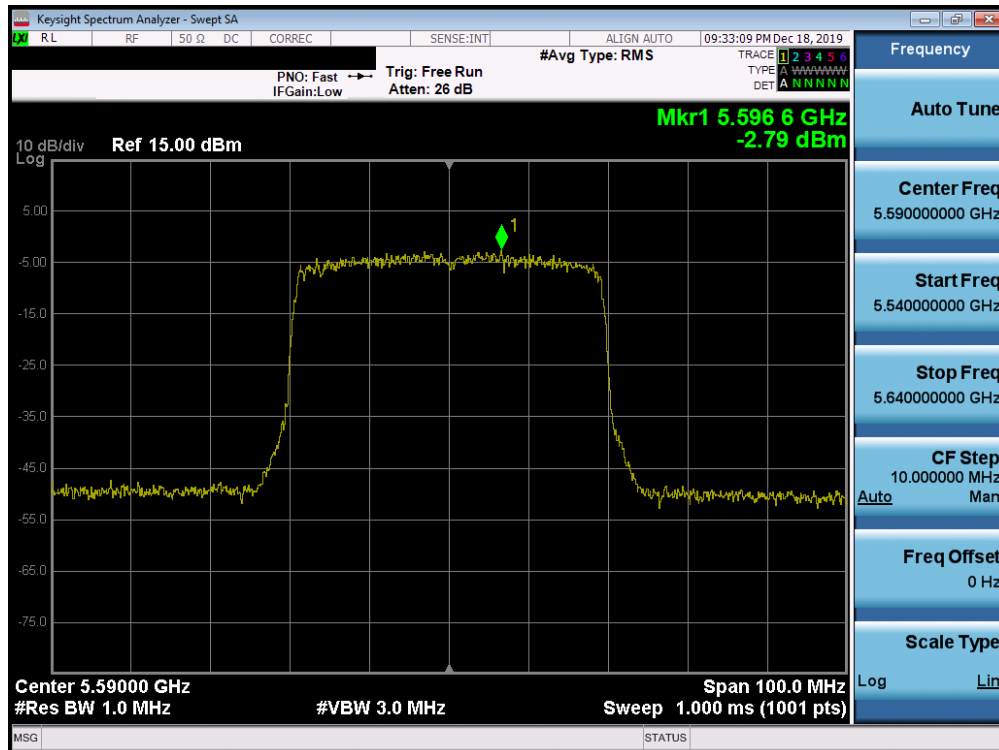


Plot 7-232. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 142)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 148 of 291

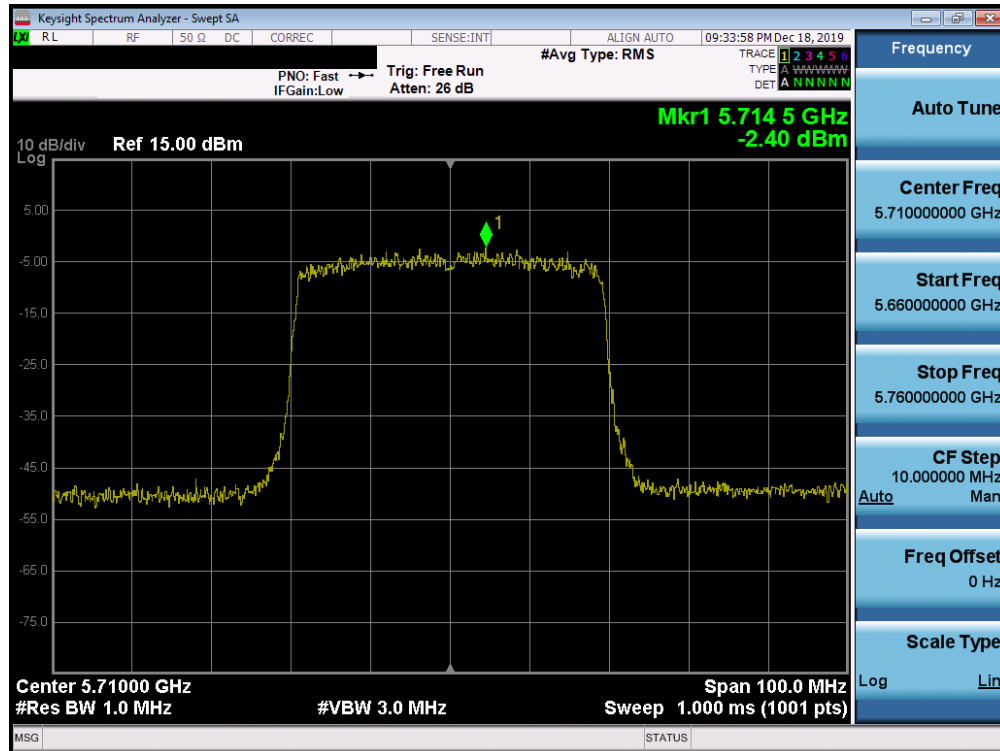


Plot 7-233. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

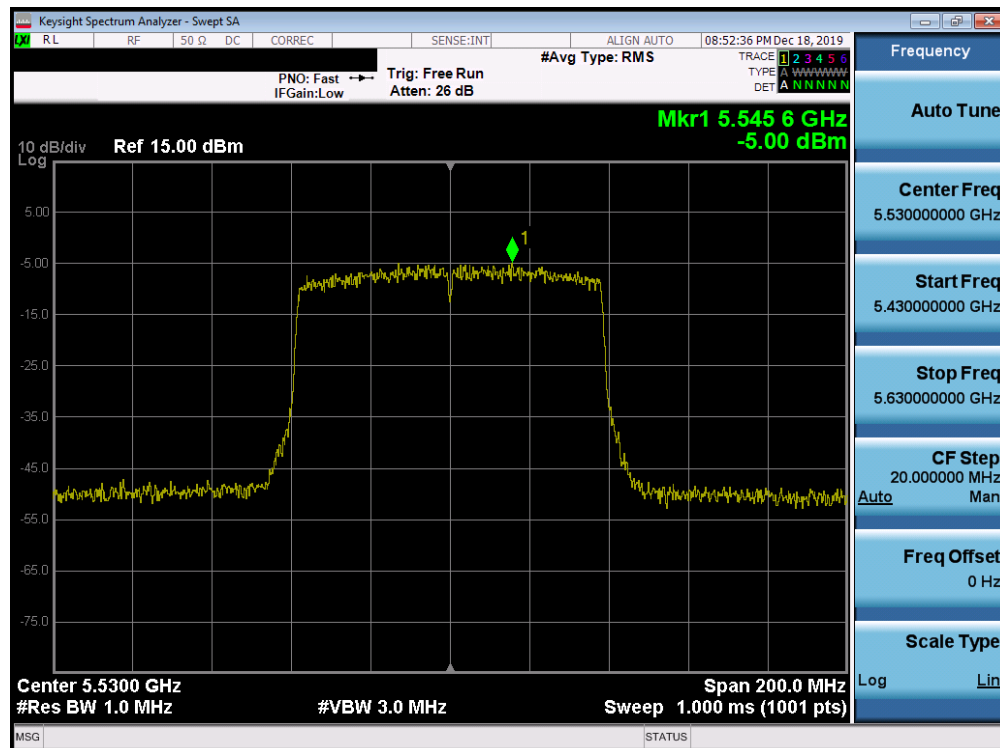


Plot 7-234. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 149 of 291

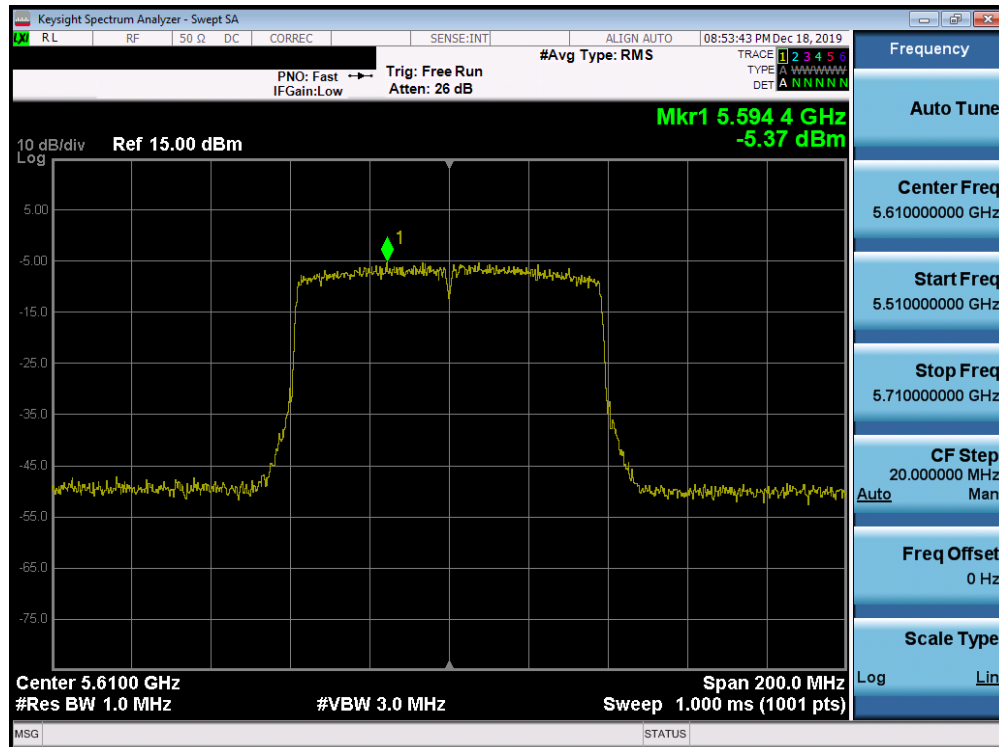


Plot 7-235. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

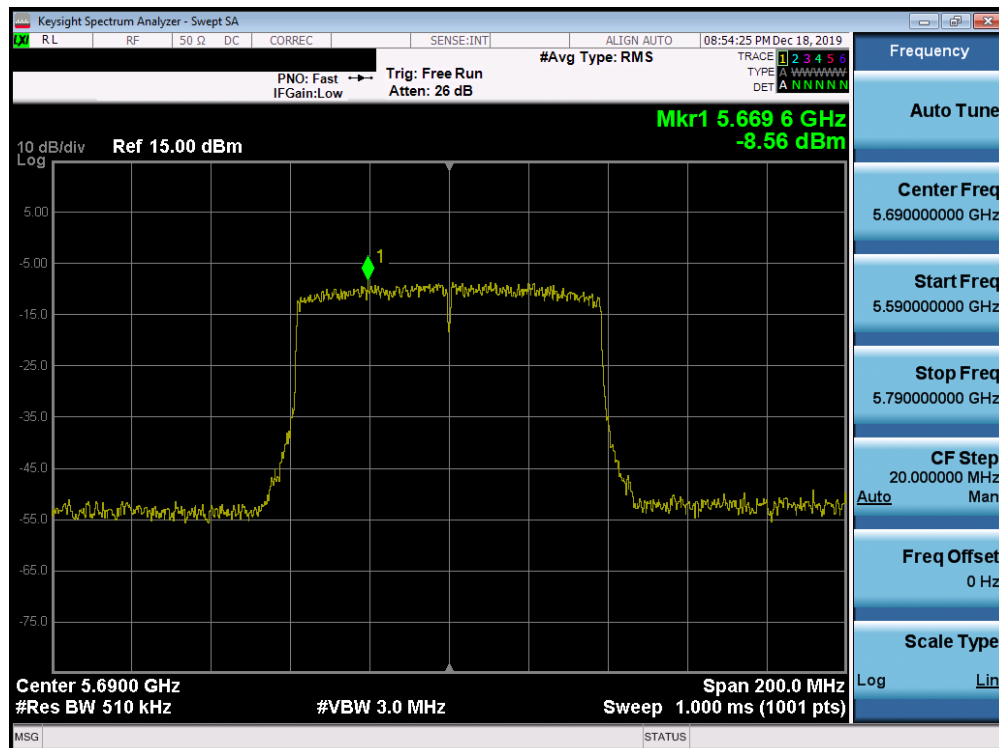


Plot 7-236. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 150 of 291

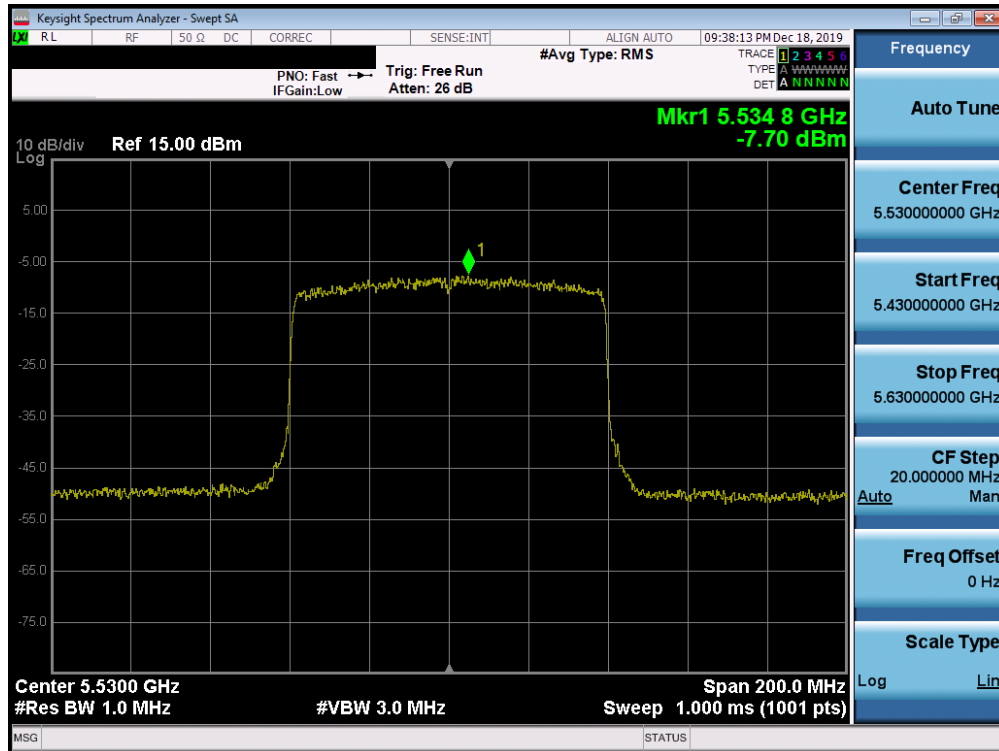


Plot 7-237. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)

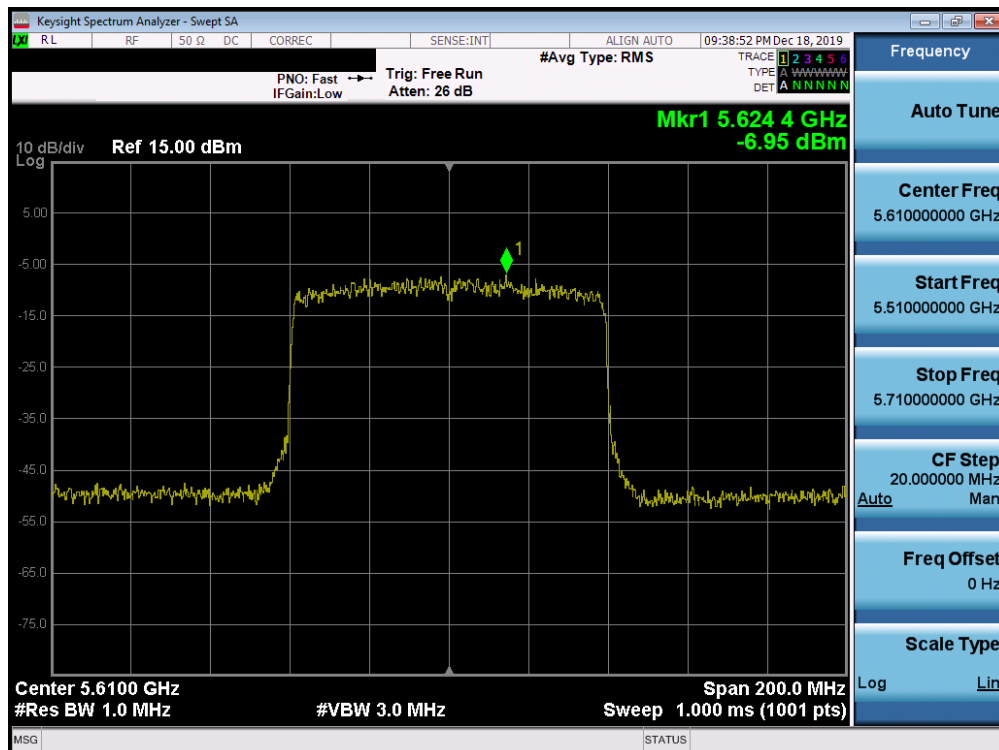


Plot 7-238. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 151 of 291

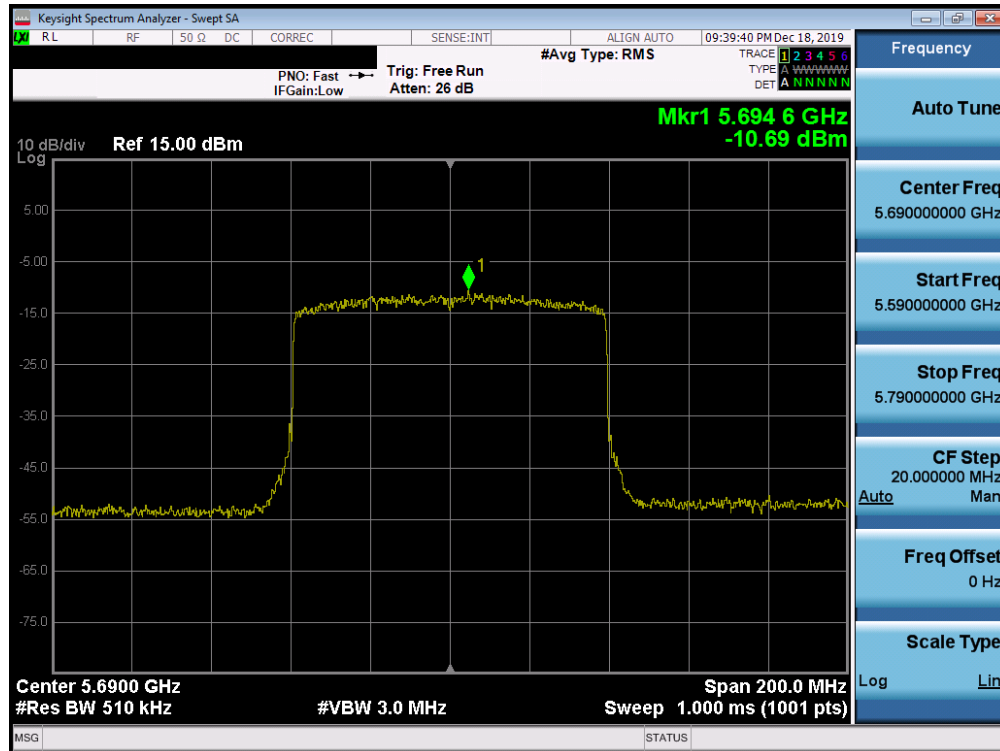


Plot 7-239. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 106)



Plot 7-240. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 122)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 152 of 291



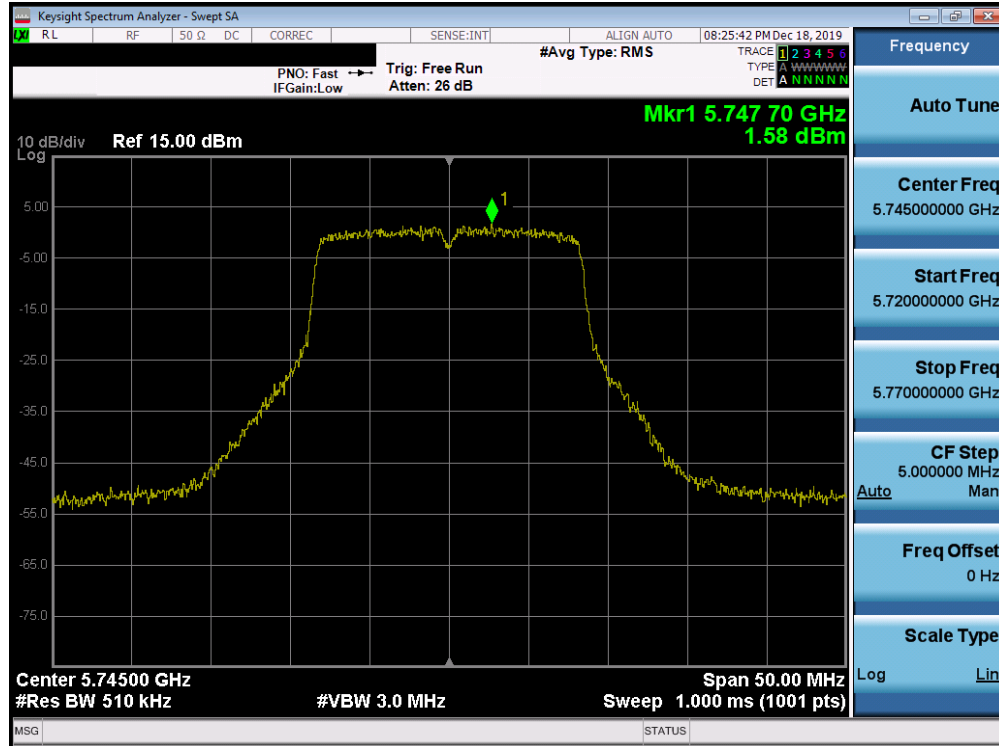
Plot 7-241. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) – Ch. 138)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 153 of 291

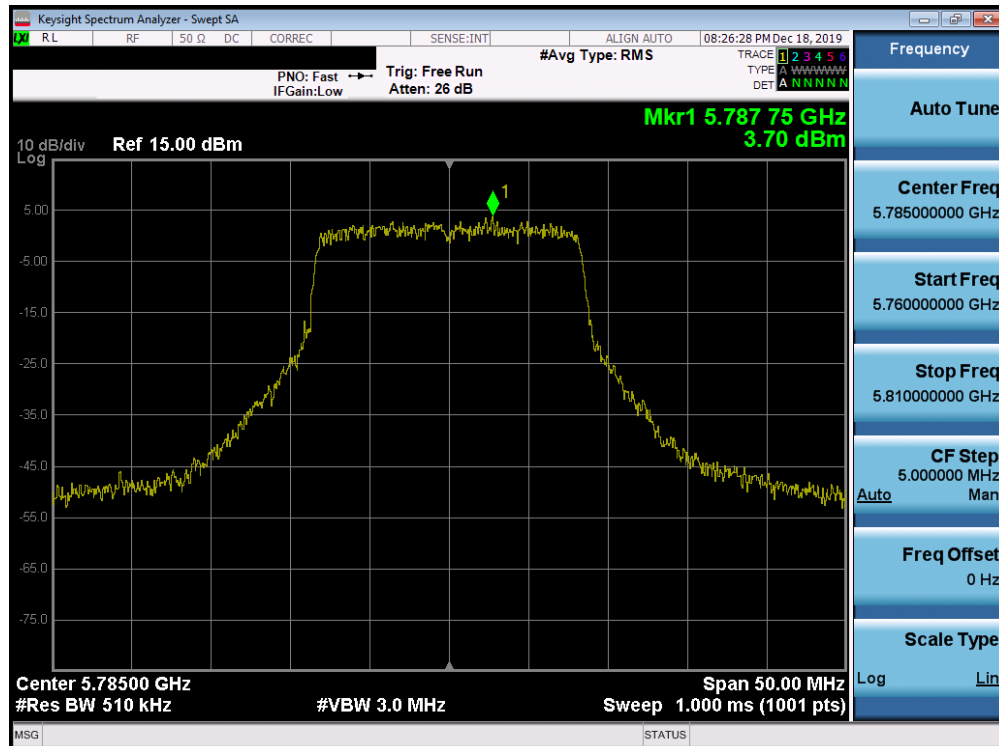
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	6	1.58	30.0	-28.42
	5785	157	a	6	3.70	30.0	-26.30
	5825	165	a	6	2.58	30.0	-27.42
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	2.26	30.0	-27.74
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	3.25	30.0	-26.75
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	2.73	30.0	-27.27
	5745	149	ac (20MHz)	6.5/7.2 (MCS0)	1.53	30.0	-28.47
	5785	157	ac (20MHz)	6.5/7.2 (MCS0)	2.93	30.0	-27.07
	5825	165	ac (20MHz)	6.5/7.2 (MCS0)	2.87	30.0	-27.13
	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	0.05	30.0	-29.95
	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	0.57	30.0	-29.43
	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	-0.30	30.0	-30.30
	5755	151	n (40MHz)	13.5/15 (MCS0)	-2.26	30.0	-32.26
	5795	159	n (40MHz)	13.5/15 (MCS0)	-1.34	30.0	-31.34
	5755	151	ac (40MHz)	13.5/15 (MCS0)	-2.00	30.0	-32.00
	5795	159	ac (40MHz)	13.5/15 (MCS0)	-2.50	30.0	-32.50
	5755	151	ax (40MHz)	13.5/15 (MCS0)	-5.27	30.0	-35.27
	5795	159	ax (40MHz)	13.5/15 (MCS0)	-5.25	30.0	-35.25
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-4.71	30.0	-34.71
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-6.99	30.0	-36.99

Table 7-22. Band 3 Conducted Power Spectral Density Measurements SISO ANT1

FCC ID: ZNFV600TM			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset			Page 154 of 291

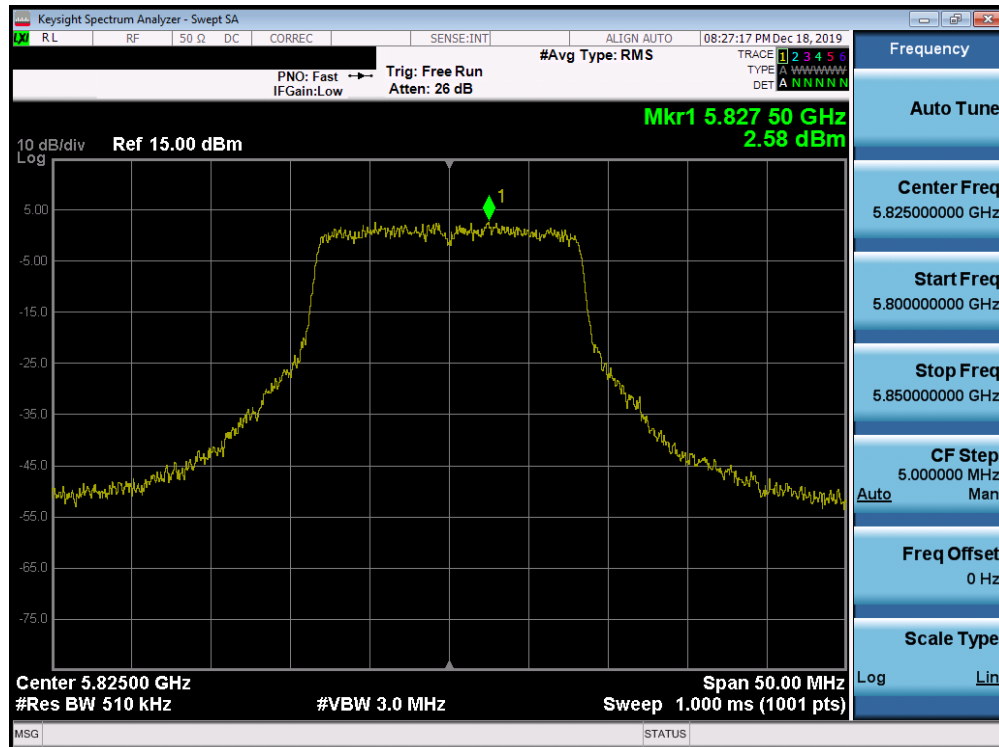


Plot 7-242. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 149)

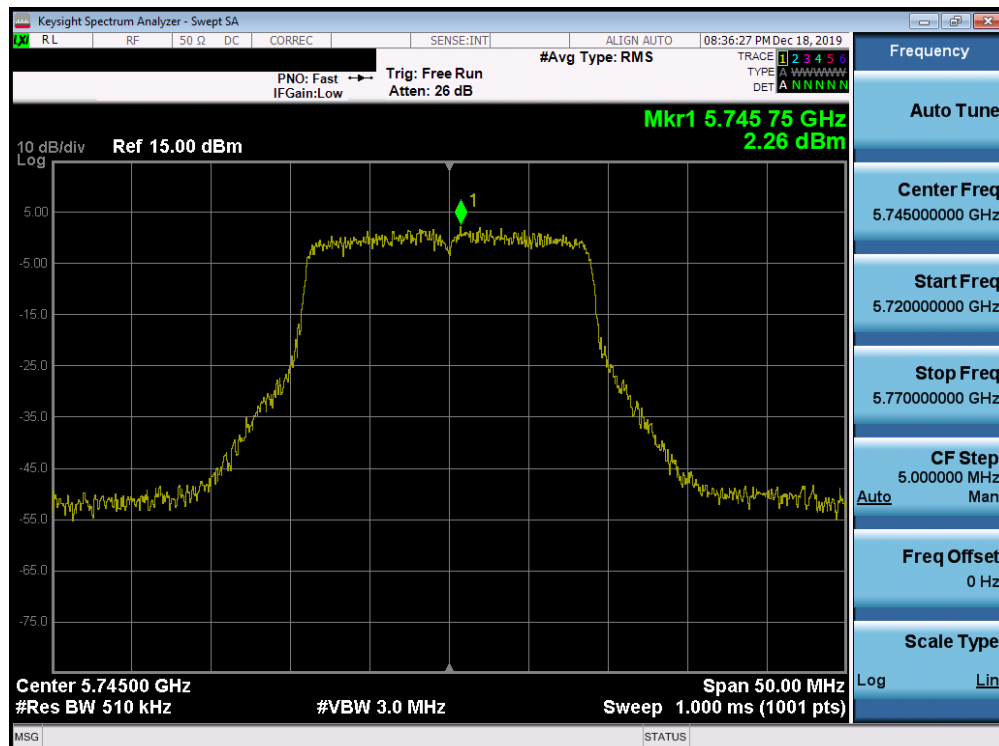


Plot 7-243. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 157)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 155 of 291

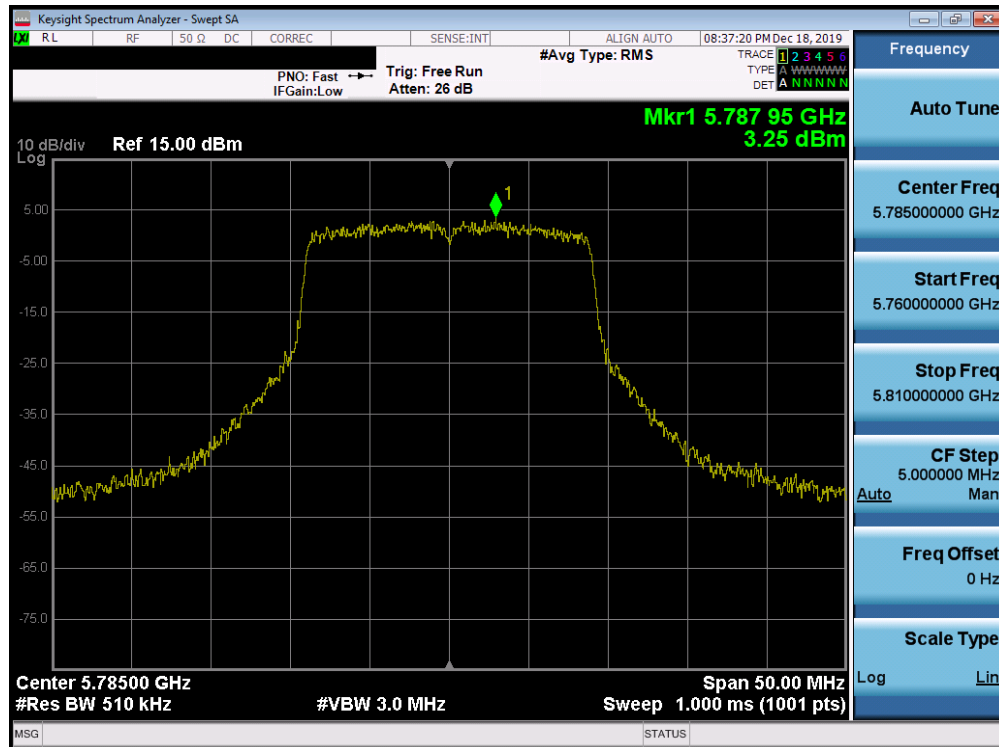


Plot 7-244. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) – Ch. 165)

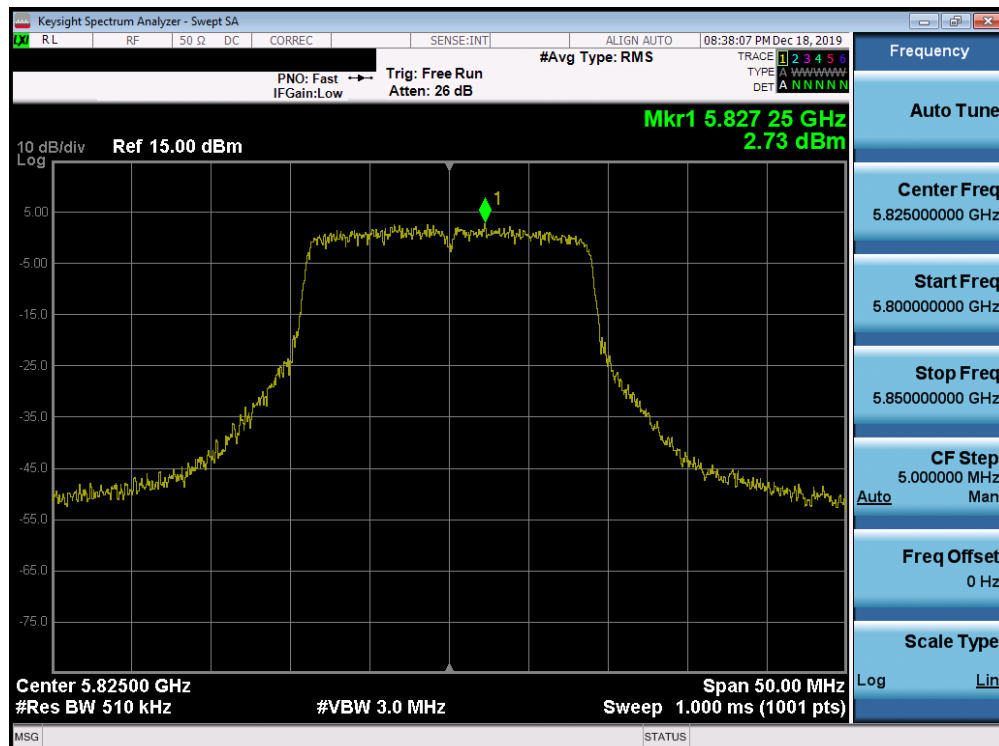


Plot 7-245. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 149)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 156 of 291

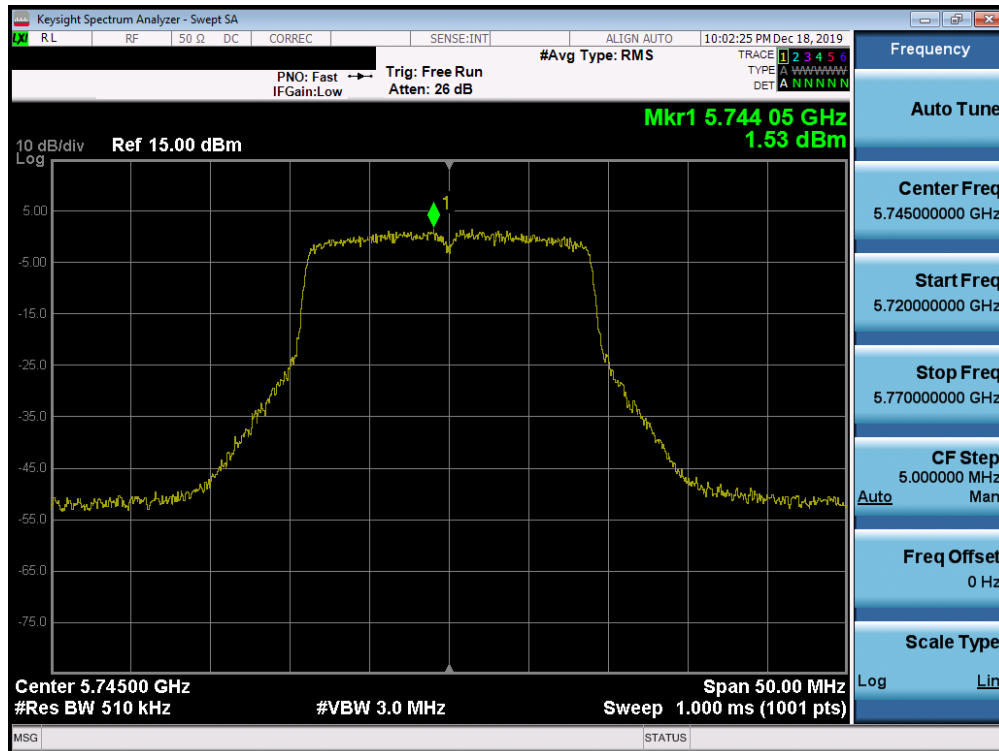


Plot 7-246. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 157)

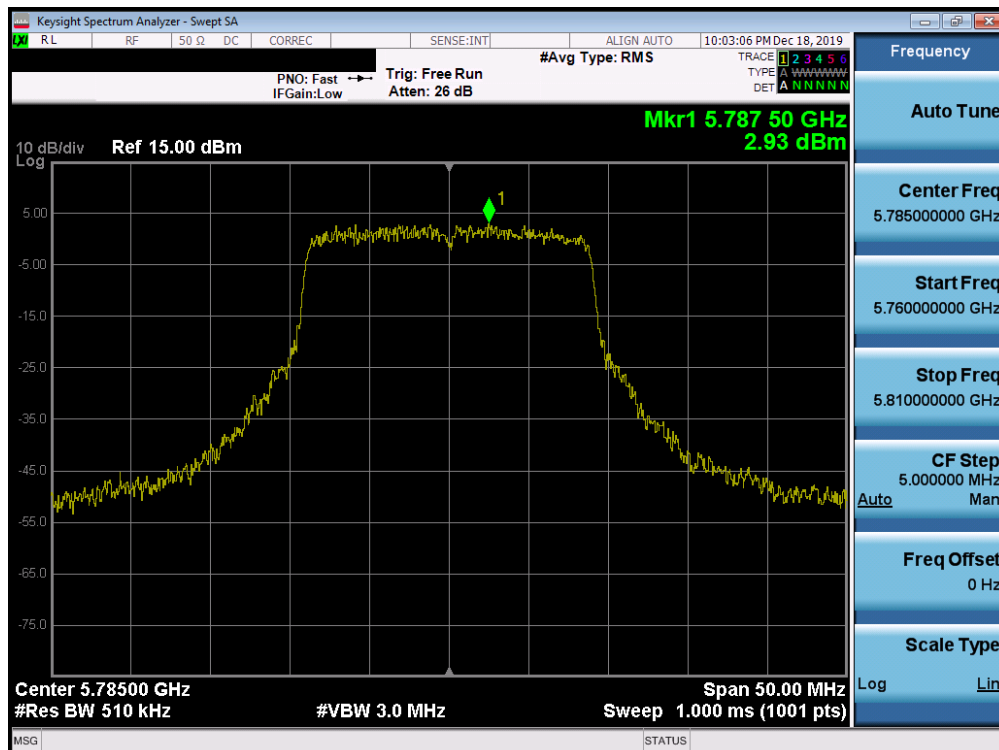


Plot 7-247. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) – Ch. 165)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 157 of 291

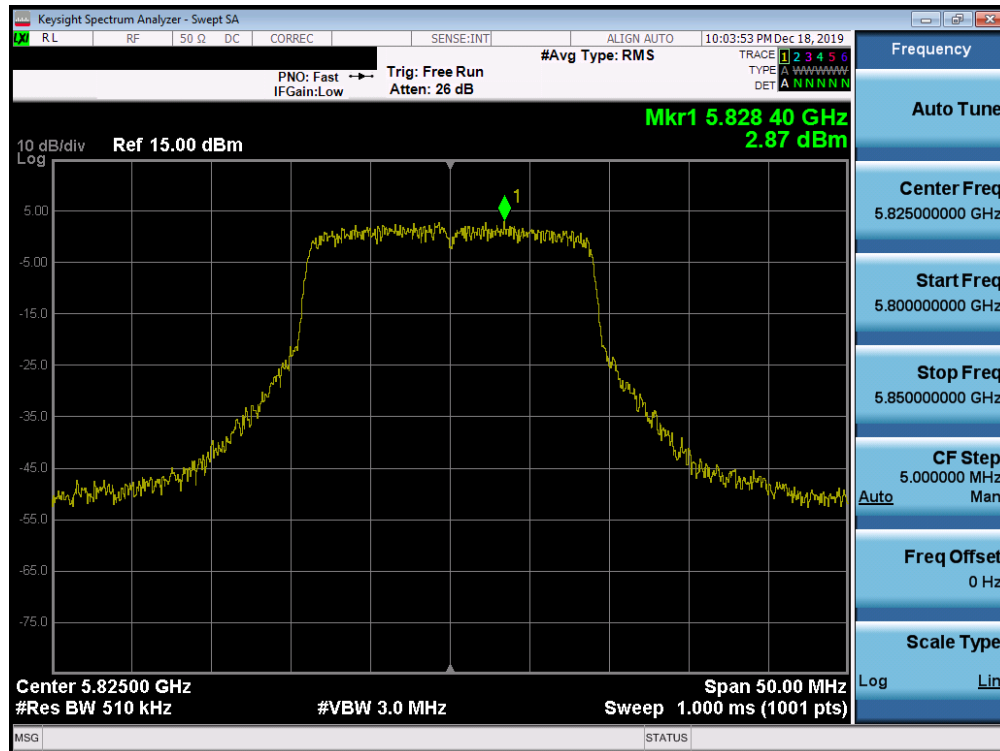


Plot 7-248. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 3) – Ch. 149)

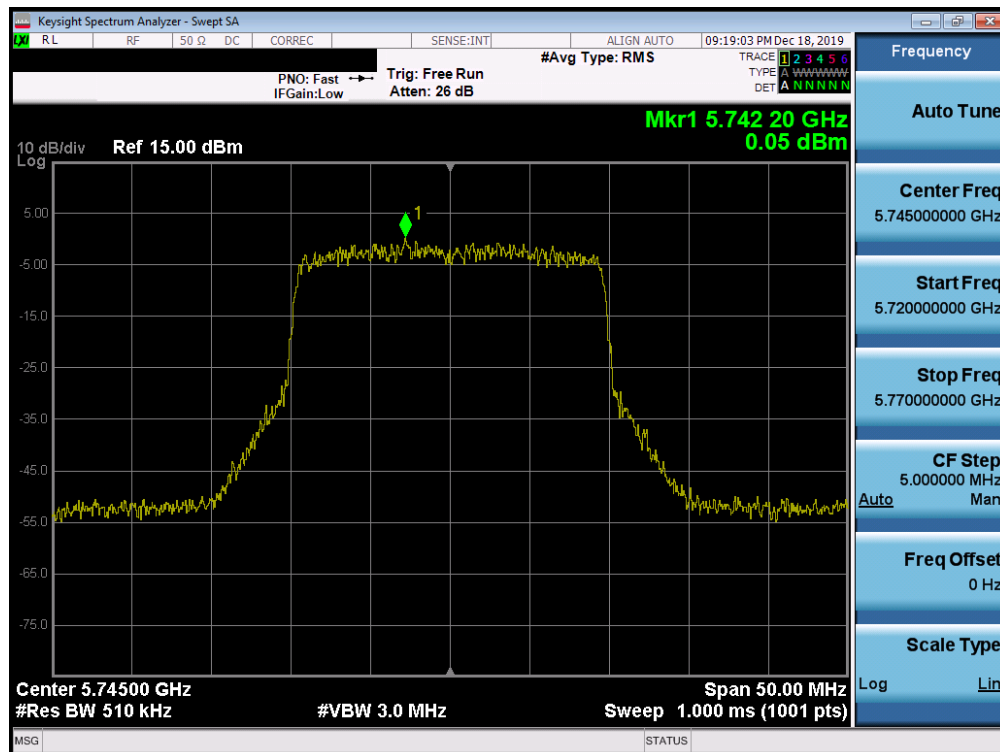


Plot 7-249. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 3) – Ch. 157)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 158 of 291

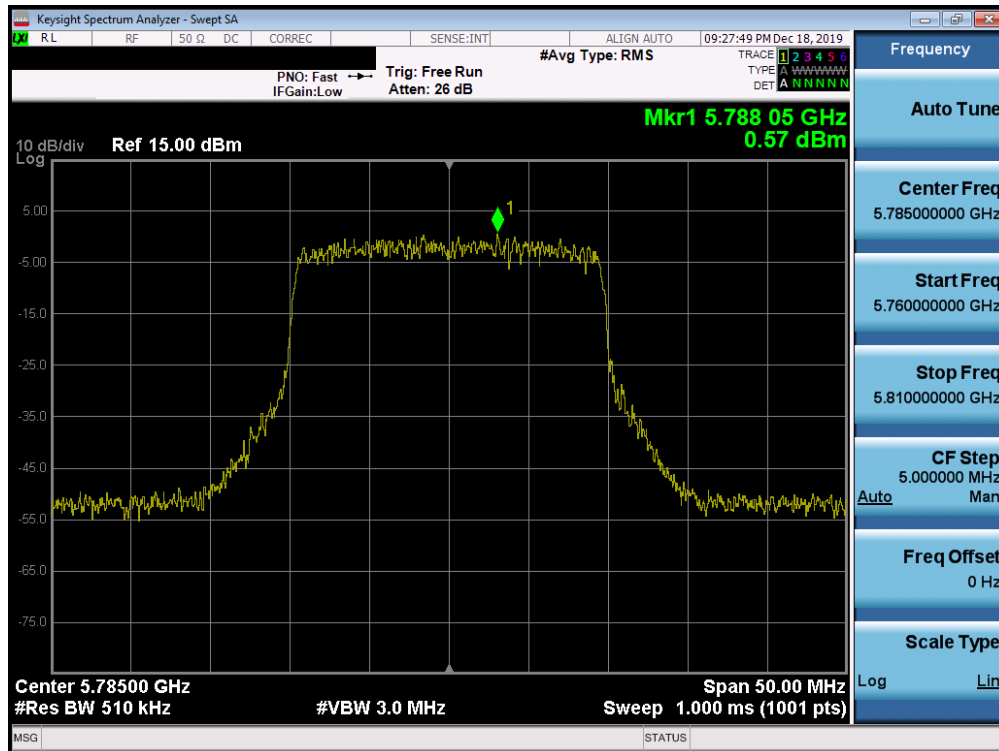


Plot 7-250. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ac (UNII Band 3) – Ch. 165)

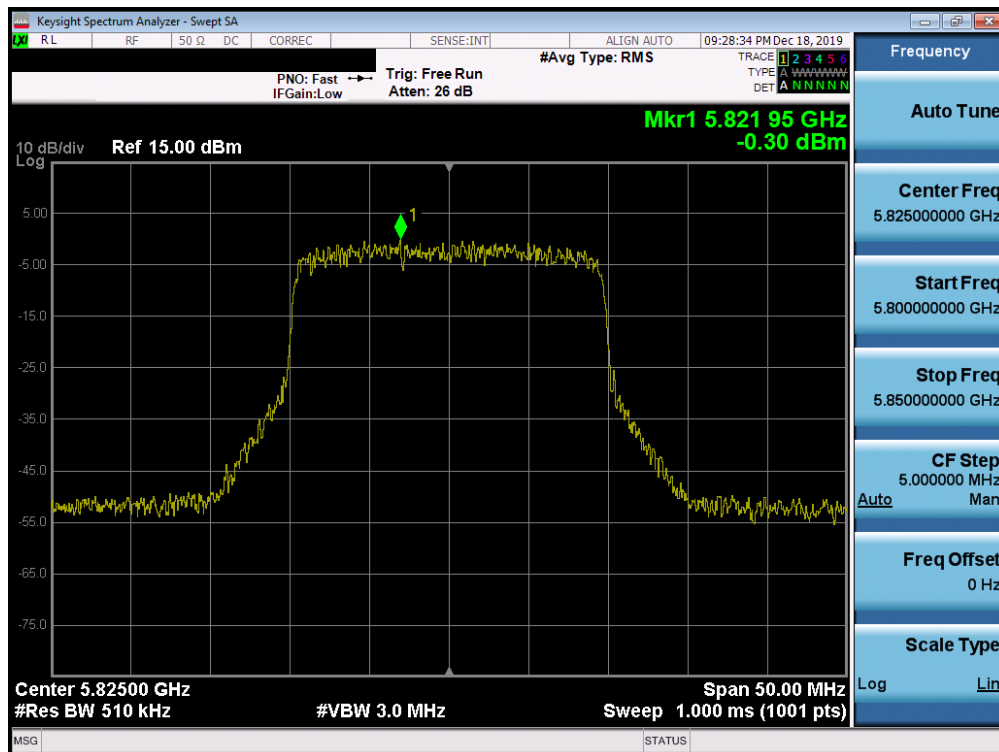


Plot 7-251. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 149)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 159 of 291

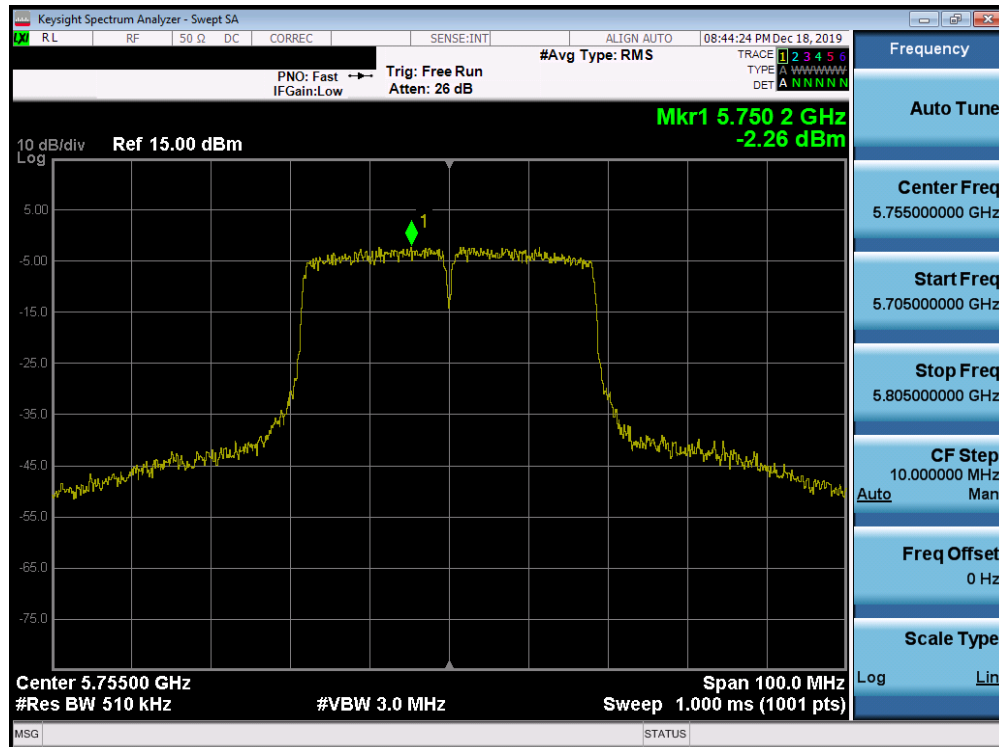


Plot 7-252. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 157)

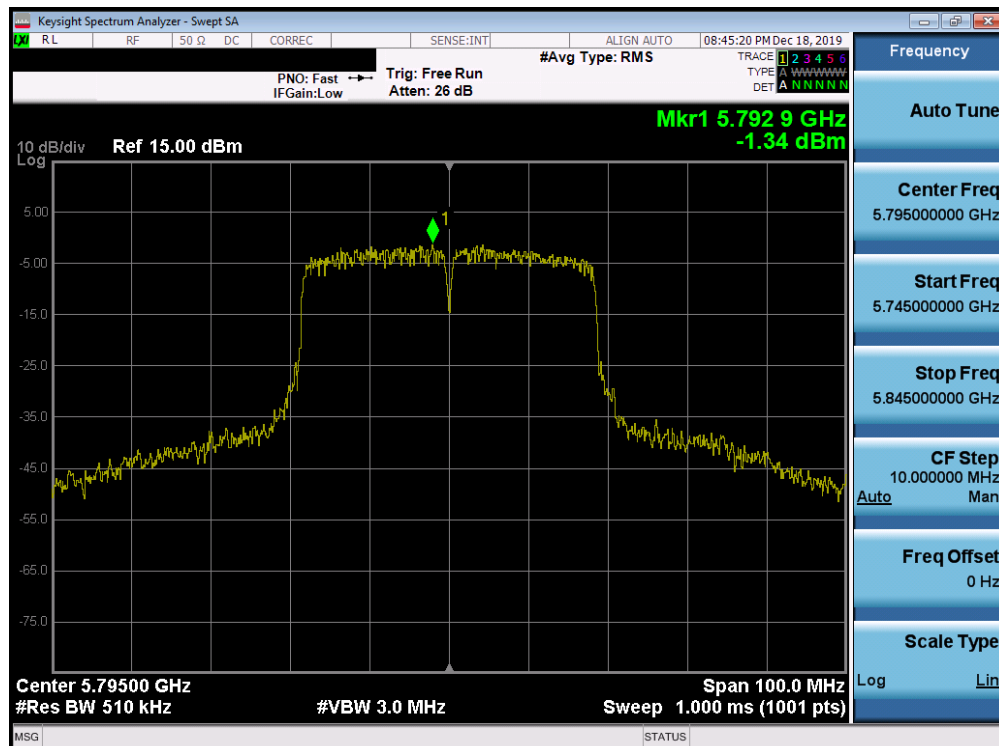


Plot 7-253. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) – Ch. 165)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 160 of 291

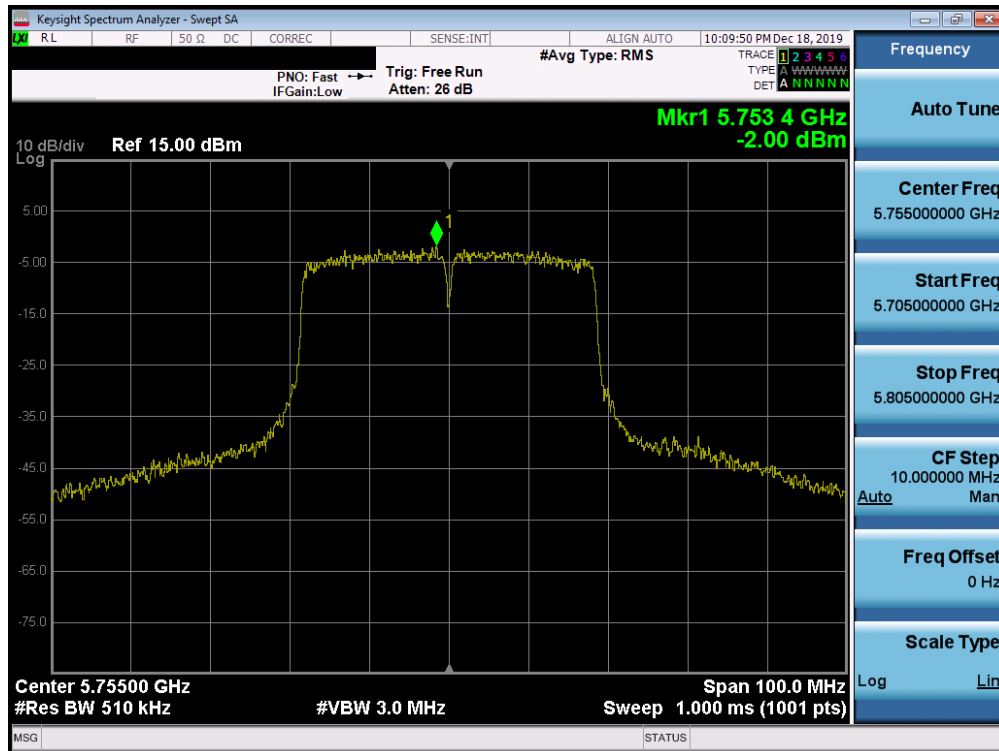


Plot 7-254. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 151)

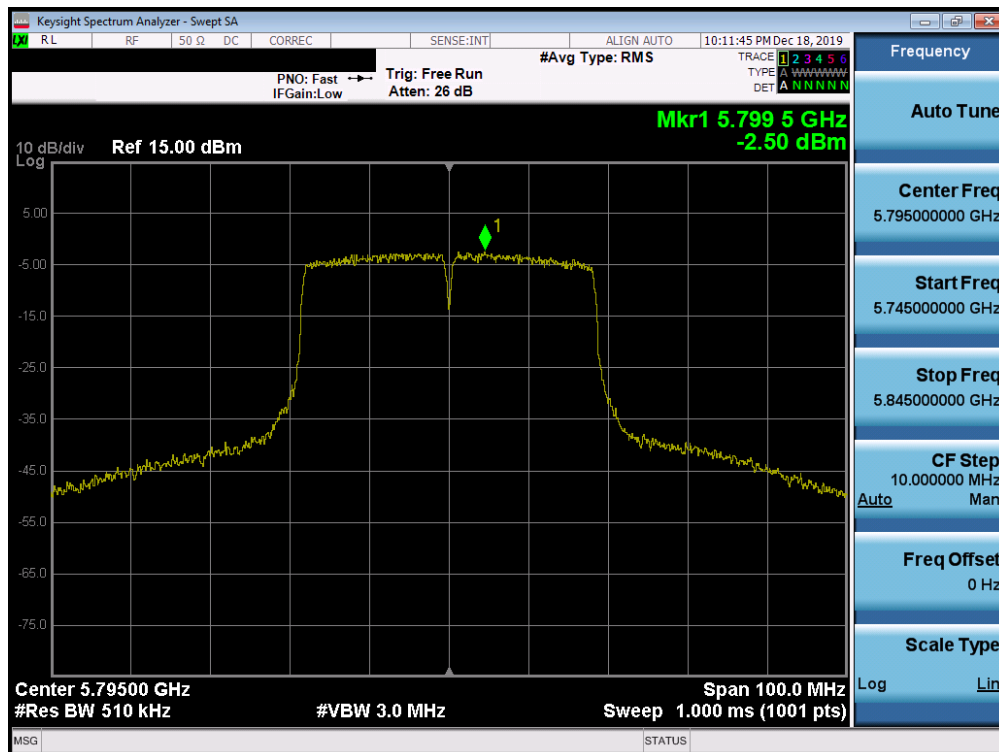


Plot 7-255. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) – Ch. 159)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 161 of 291

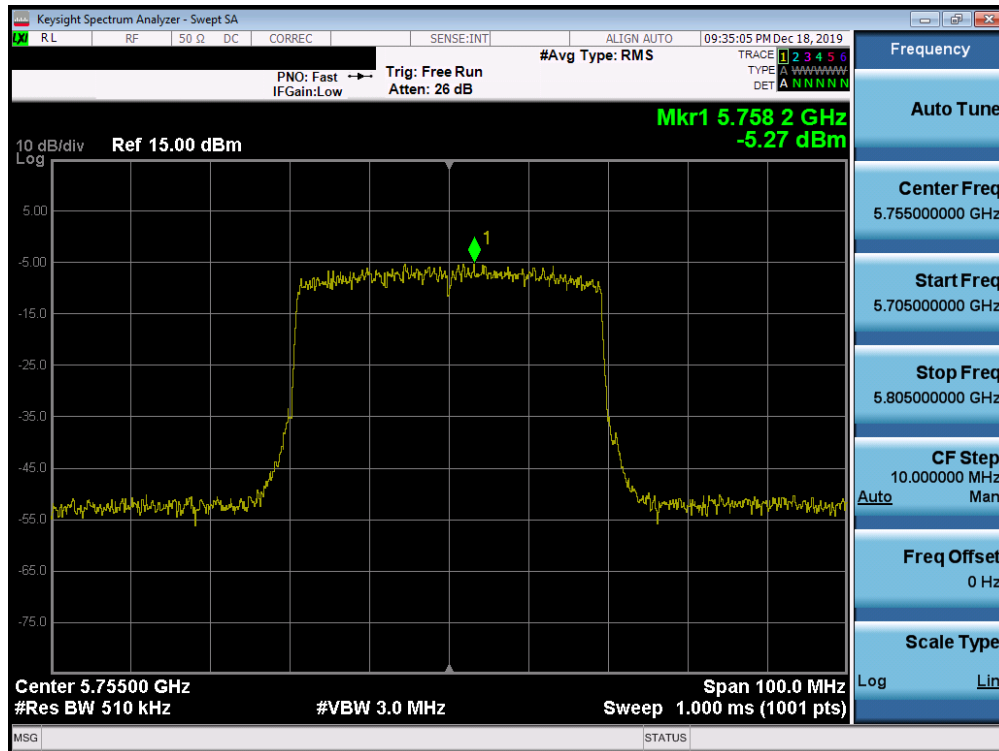


Plot 7-256. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ac (UNII Band 3) – Ch. 151)

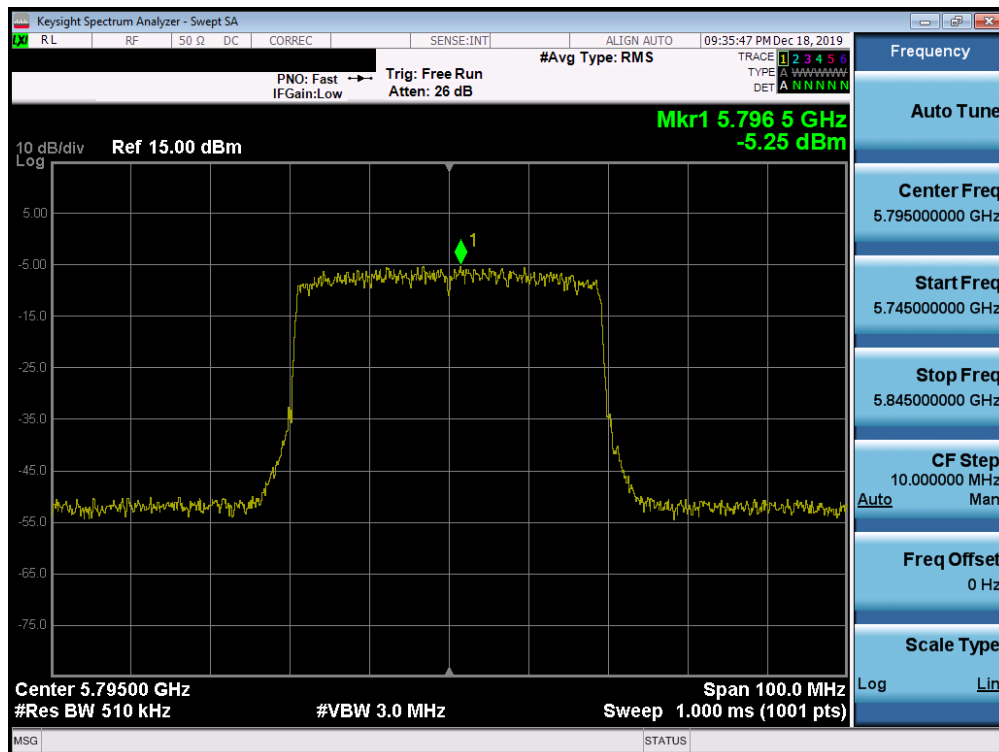


Plot 7-257. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ac (UNII Band 3) – Ch. 159)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 162 of 291

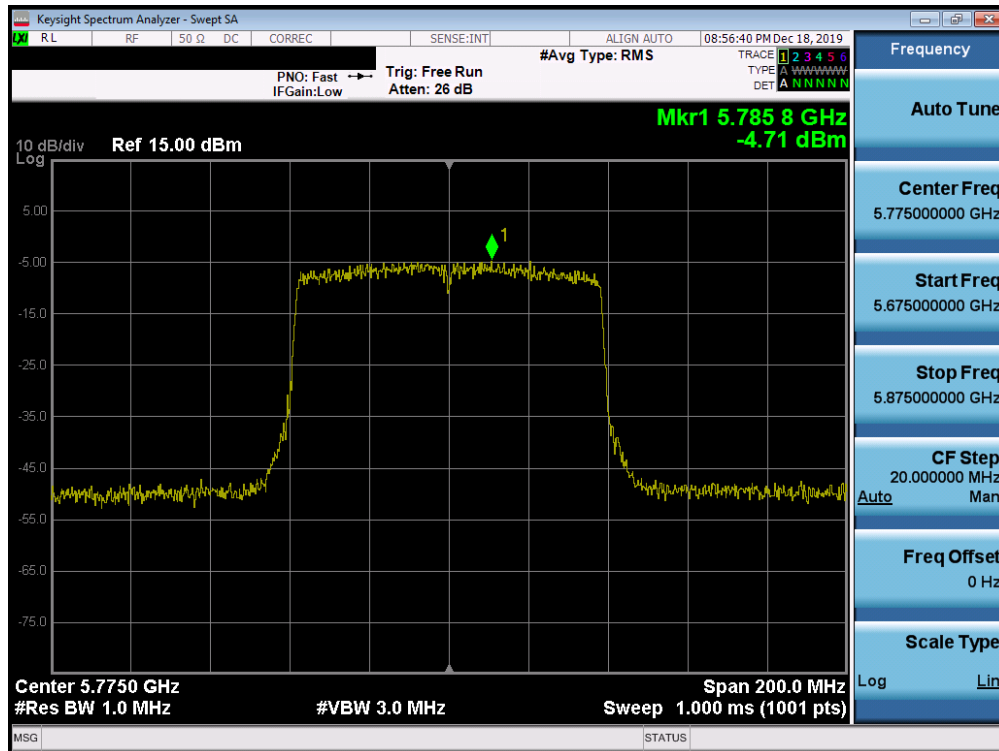


Plot 7-258. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 151)

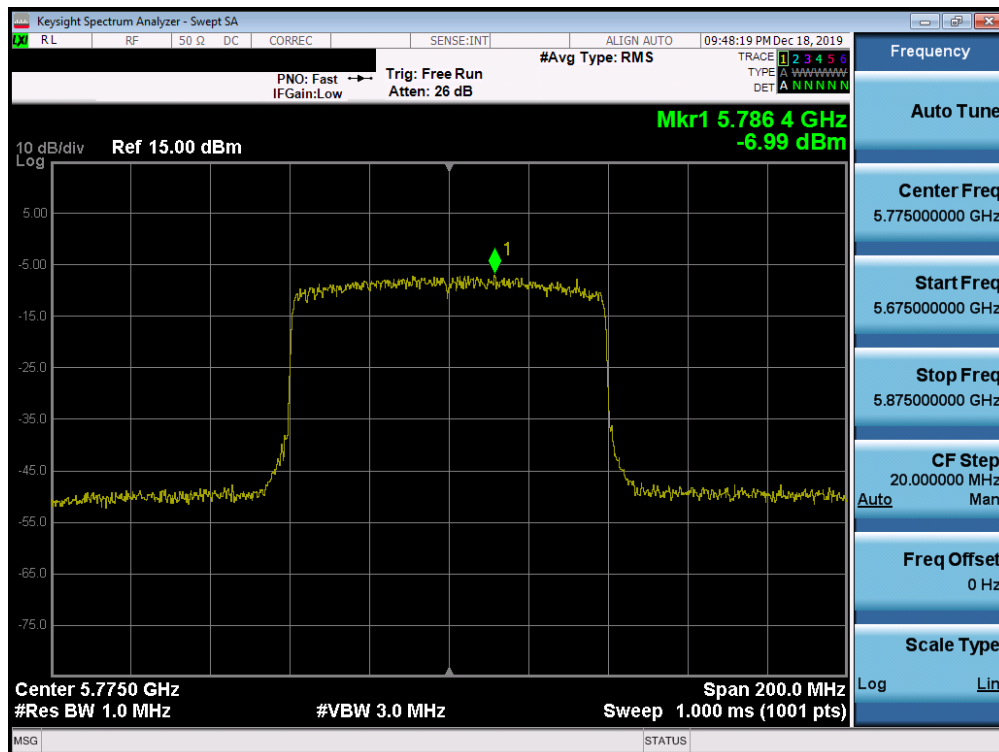


Plot 7-259. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) – Ch. 159)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 163 of 291



Plot 7-260. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 3) – Ch. 155)



Plot 7-261. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 3) – Ch. 155)

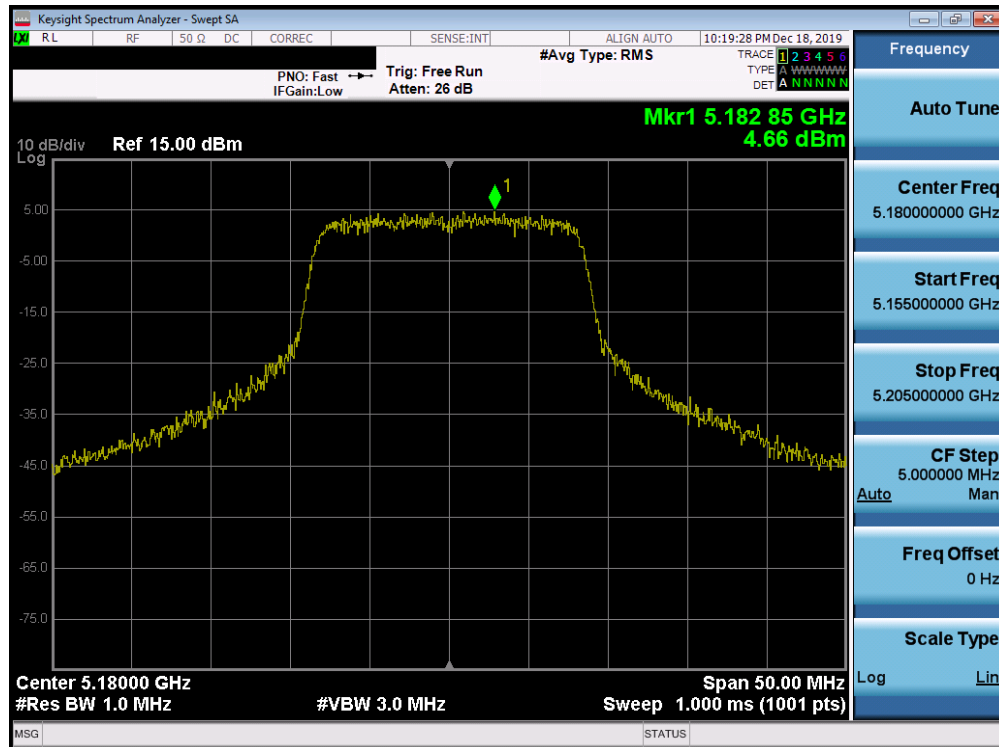
FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 164 of 291

SISO Antenna-2 Power Spectral Density Measurements

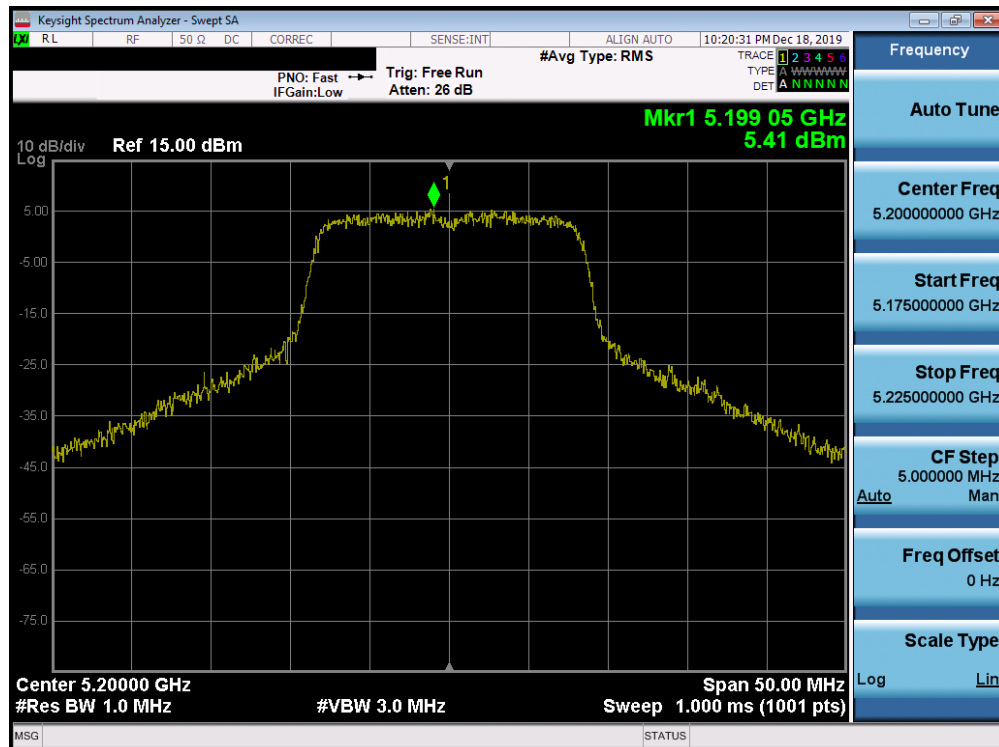
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6	4.66	11.0	-6.34
	5200	40	a	6	5.41	11.0	-5.59
	5240	48	a	6	4.00	11.0	-7.00
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	4.88	11.0	-6.12
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	6.03	11.0	-4.97
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	4.68	11.0	-6.32
	5180	36	ac (20MHz)	6.5/7.2 (MCS0)	4.81	11.0	-6.19
	5200	40	ac (20MHz)	6.5/7.2 (MCS0)	6.29	11.0	-4.71
	5240	48	ac (20MHz)	6.5/7.2 (MCS0)	4.88	11.0	-6.12
	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	2.25	11.0	-8.75
	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	2.66	11.0	-8.34
	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	2.47	11.0	-8.53
	5190	38	n (40MHz)	13.5/15 (MCS0)	-2.07	11.0	-13.07
	5230	46	n (40MHz)	13.5/15 (MCS0)	0.76	11.0	-10.24
	5190	38	ac (40MHz)	13.5/15 (MCS0)	-1.50	11.0	-12.50
	5230	46	ac (40MHz)	13.5/15 (MCS0)	1.51	11.0	-9.49
	5190	38	ax (40MHz)	13.5/15 (MCS0)	-4.40	11.0	-15.40
	5230	46	ax (40MHz)	13.5/15 (MCS0)	-3.24	11.0	-14.24
Band 2A	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-7.66	11.0	-18.66
	5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-9.37	11.0	-20.37
	5260	52	a	6	4.91	11.0	-6.09
	5280	56	a	6	5.59	11.0	-5.41
	5320	64	a	6	5.29	11.0	-5.71
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	5.55	11.0	-5.45
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	6.63	11.0	-4.37
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	5.75	11.0	-5.25
	5260	52	ac (20MHz)	6.5/7.2 (MCS0)	5.41	11.0	-5.59
	5280	56	ac (20MHz)	6.5/7.2 (MCS0)	6.28	11.0	-4.72
	5320	64	ac (20MHz)	6.5/7.2 (MCS0)	5.75	11.0	-5.25
	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	2.89	11.0	-8.11
	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	3.21	11.0	-7.79
	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	3.41	11.0	-7.59
	5270	54	n (40MHz)	13.5/15 (MCS0)	1.07	11.0	-9.93
	5310	62	n (40MHz)	13.5/15 (MCS0)	-0.50	11.0	-11.50
	5270	54	ac (40MHz)	13.5/15 (MCS0)	1.14	11.0	-9.86
	5310	62	ac (40MHz)	13.5/15 (MCS0)	-0.33	11.0	-11.33
Band 2C	5270	54	ax (40MHz)	13.5/15 (MCS0)	-1.18	11.0	-12.18
	5310	62	ax (40MHz)	13.5/15 (MCS0)	-1.27	11.0	-12.27
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-6.47	11.0	-17.47
	5290	58	ax (80MHz)	29.3/32.5 (MCS0)	-8.96	11.0	-19.96
	5500	100	a	6	3.42	11.0	-7.58
	5600	120	a	6	4.89	11.0	-6.11
	5720	144	a	6	4.11	11.0	-6.89
	5500	100	n (20MHz)	6.5/7.2 (MCS0)	3.29	11.0	-7.71
	5600	120	n (20MHz)	6.5/7.2 (MCS0)	4.74	11.0	-6.26
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	3.69	11.0	-7.31
	5500	100	ac (20MHz)	6.5/7.2 (MCS0)	4.00	11.0	-7.00
	5600	120	ac (20MHz)	6.5/7.2 (MCS0)	4.65	11.0	-6.35
	5720	144	ac (20MHz)	6.5/7.2 (MCS0)	4.01	11.0	-6.99
	5500	100	ax (20MHz)	6.5/7.2 (MCS0)	1.72	11.0	-9.28
	5600	120	ax (20MHz)	6.5/7.2 (MCS0)	2.57	11.0	-8.43
	5720	144	ax (20MHz)	6.5/7.2 (MCS0)	1.93	11.0	-9.07
	5510	102	n (40MHz)	13.5/15 (MCS0)	0.04	11.0	-10.96
	5590	118	n (40MHz)	13.5/15 (MCS0)	0.66	11.0	-10.34
	5710	142	n (40MHz)	13.5/15 (MCS0)	0.04	11.0	-10.96
	5510	102	ac (40MHz)	13.5/15 (MCS0)	0.40	11.0	-10.60
	5590	118	ac (40MHz)	13.5/15 (MCS0)	1.09	11.0	-9.91
	5710	142	ac (40MHz)	13.5/15 (MCS0)	-0.17	11.0	-11.17
	5510	102	ax (40MHz)	13.5/15 (MCS0)	-3.60	11.0	-14.60
	5590	118	ax (40MHz)	13.5/15 (MCS0)	-1.91	11.0	-12.91
	5710	142	ax (40MHz)	13.5/15 (MCS0)	-3.17	11.0	-14.17
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-5.41	11.0	-16.41
	5610	122	ac (80MHz)	29.3/32.5 (MCS0)	-5.30	11.0	-16.30
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	-8.74	11.0	-19.74
	5530	106	ax (80MHz)	29.3/32.5 (MCS0)	-7.60	11.0	-18.60
	5610	122	ax (80MHz)	29.3/32.5 (MCS0)	-6.84	11.0	-17.84
	5690	138	ax (80MHz)	29.3/32.5 (MCS0)	-10.31	11.0	-21.31

Table 7-23. Conducted Power Spectral Density Measurements SISO ANT2

FCC ID: ZNFV600TM	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 165 of 291

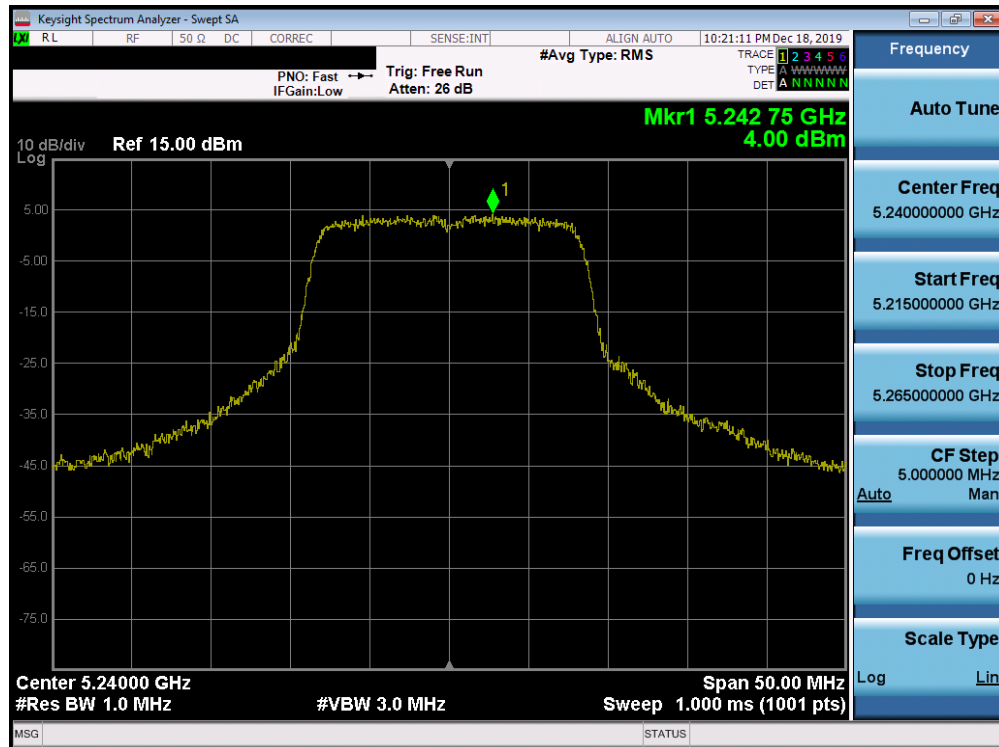


Plot 7-262. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 36)

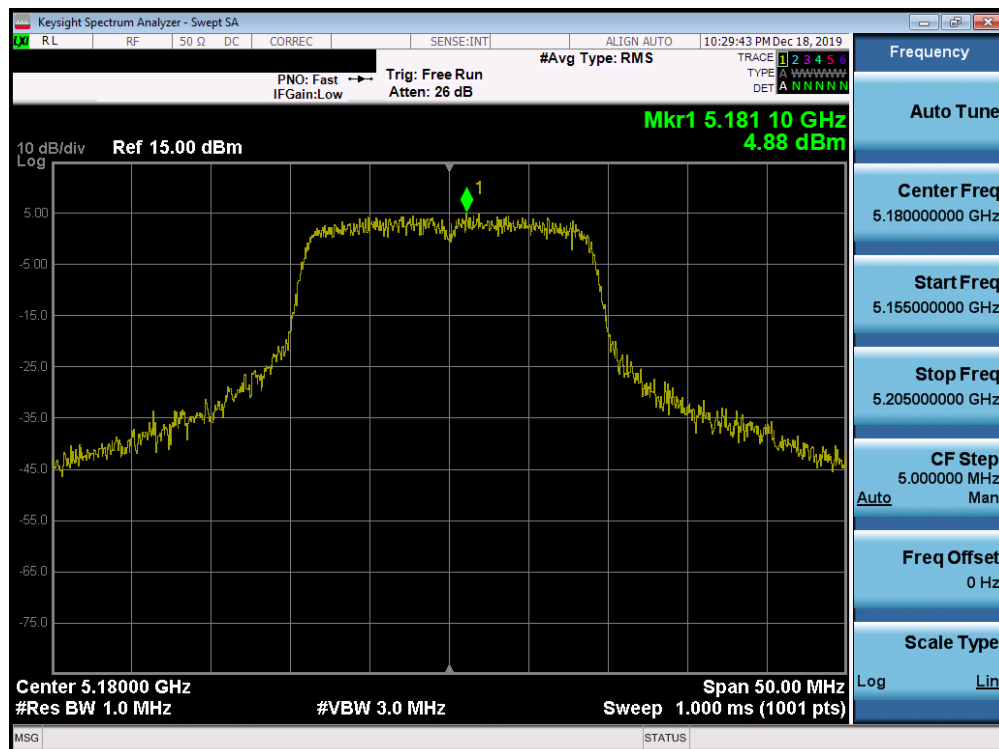


Plot 7-263. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 40)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 166 of 291

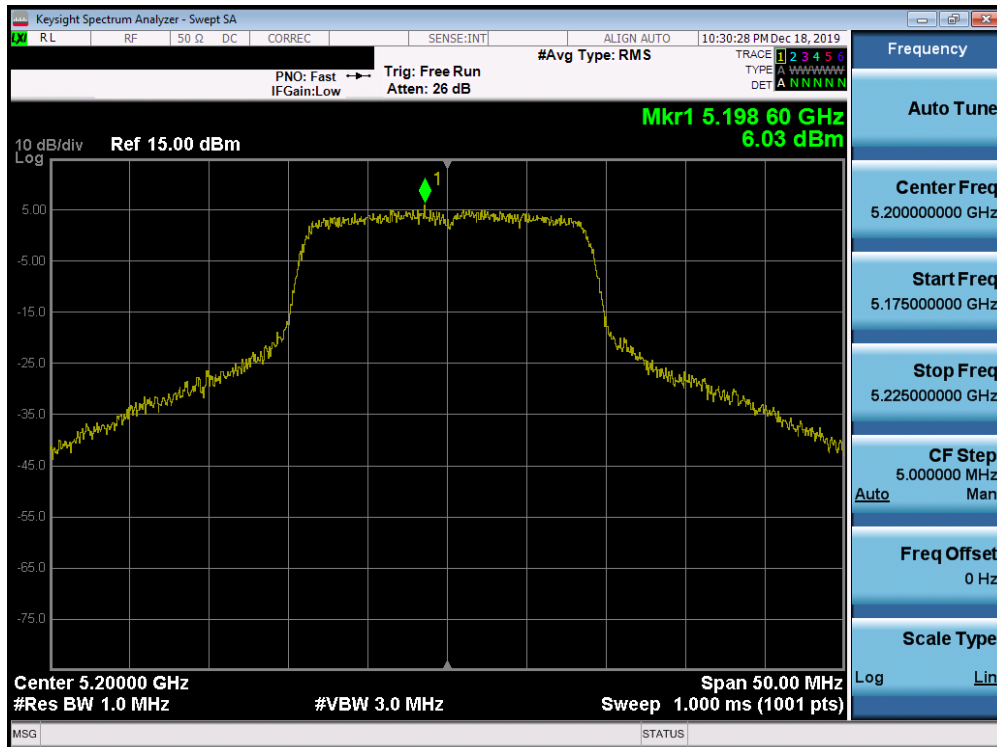


Plot 7-264. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) – Ch. 48)

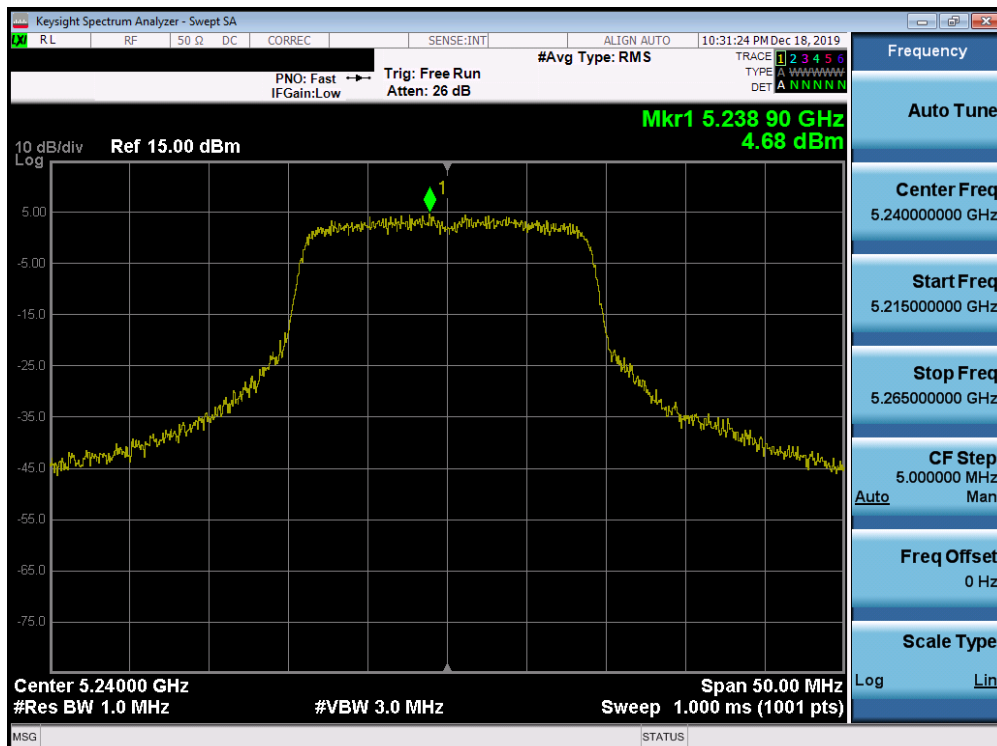


Plot 7-265. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 36)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 167 of 291

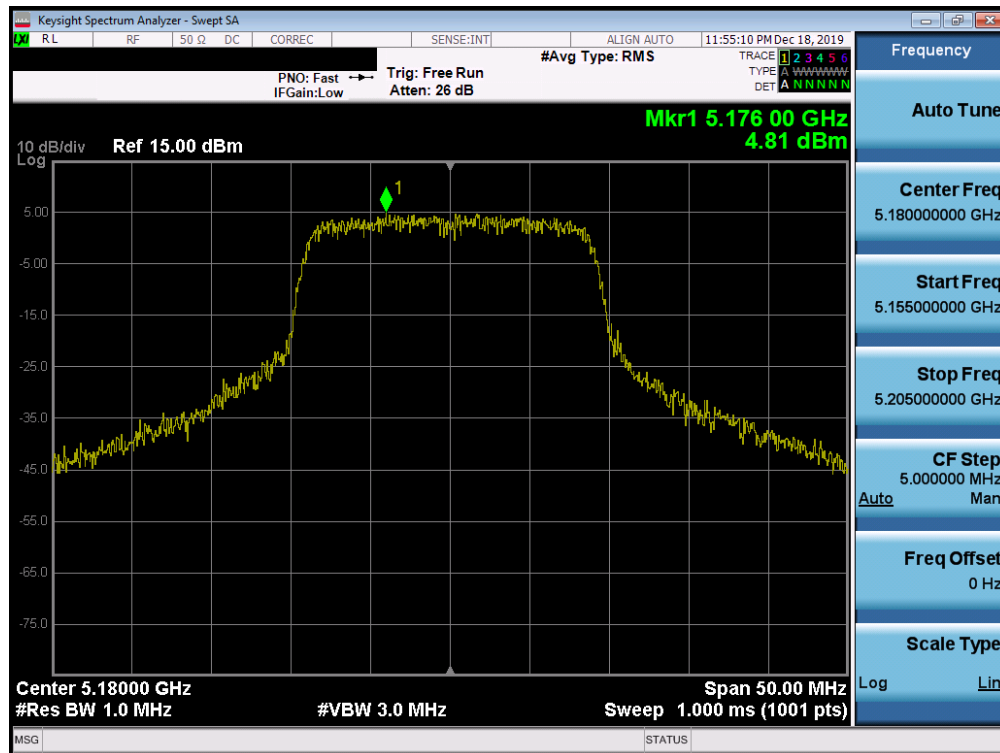


Plot 7-266. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 40)

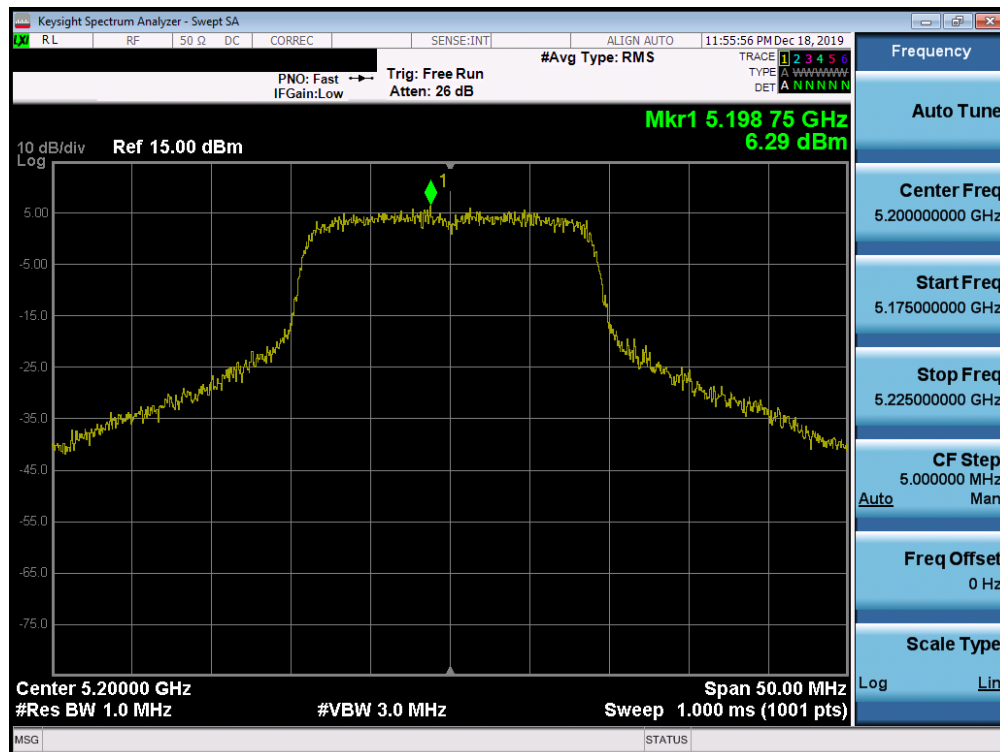


Plot 7-267. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) – Ch. 48)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 168 of 291

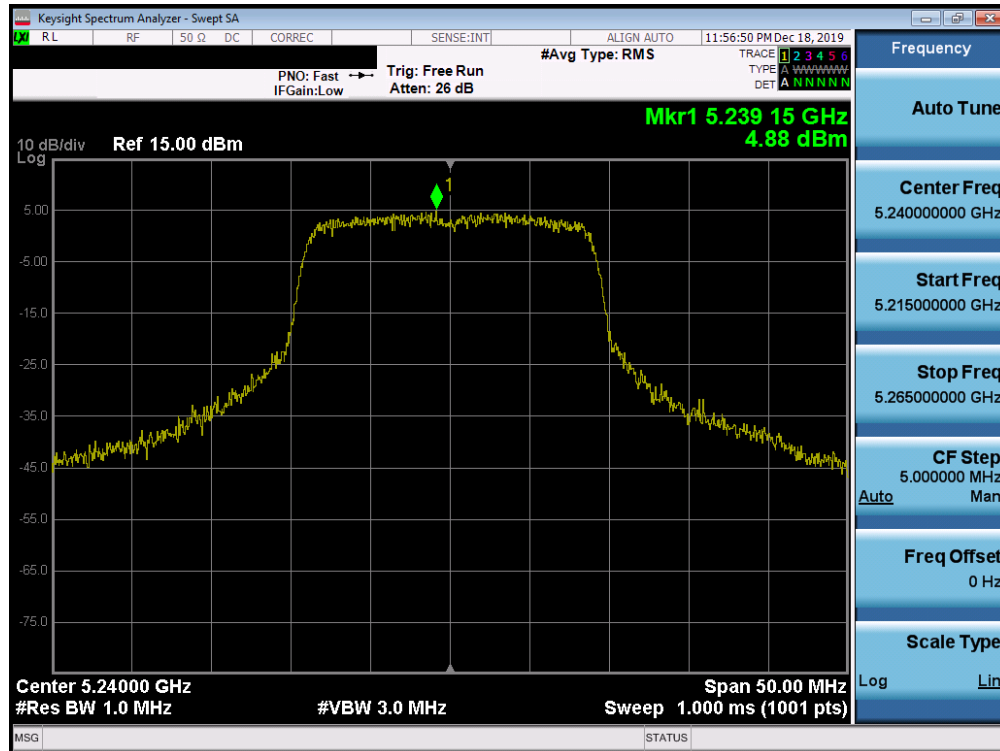


Plot 7-268. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 1) – Ch. 36)

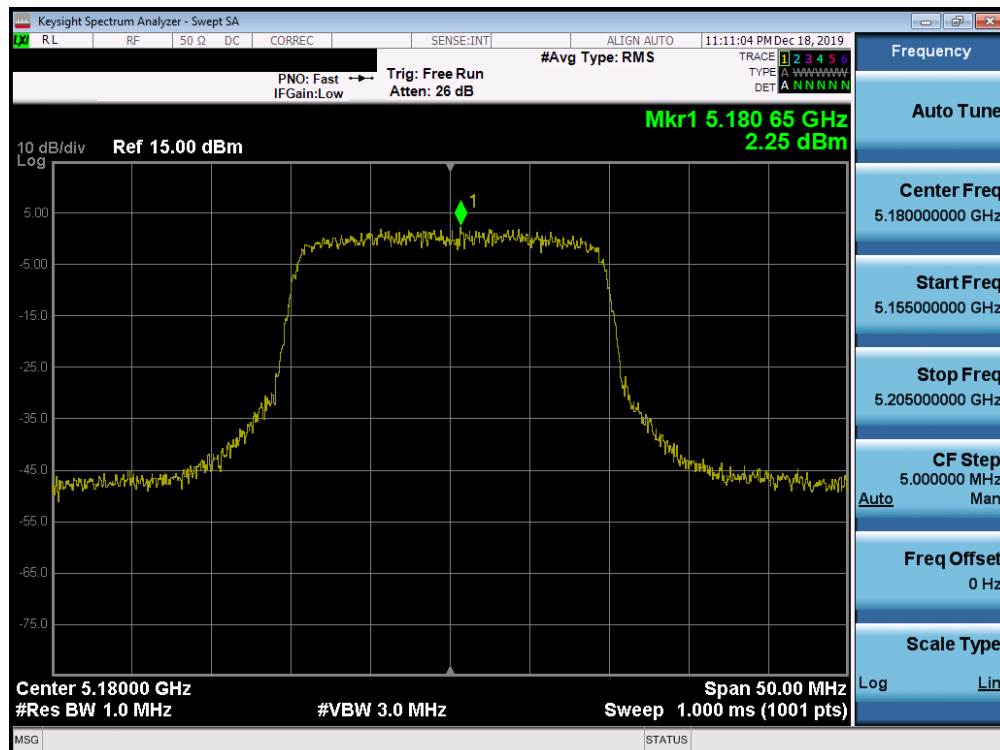


Plot 7-269. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 1) – Ch. 40)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 169 of 291

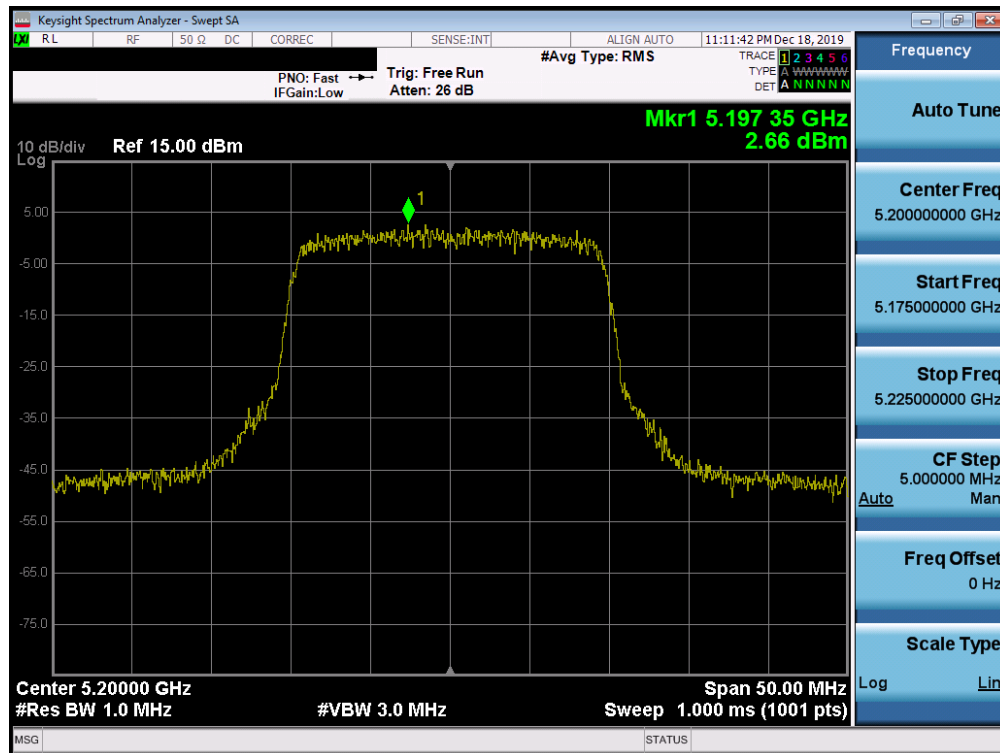


Plot 7-270. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 1) – Ch. 48)

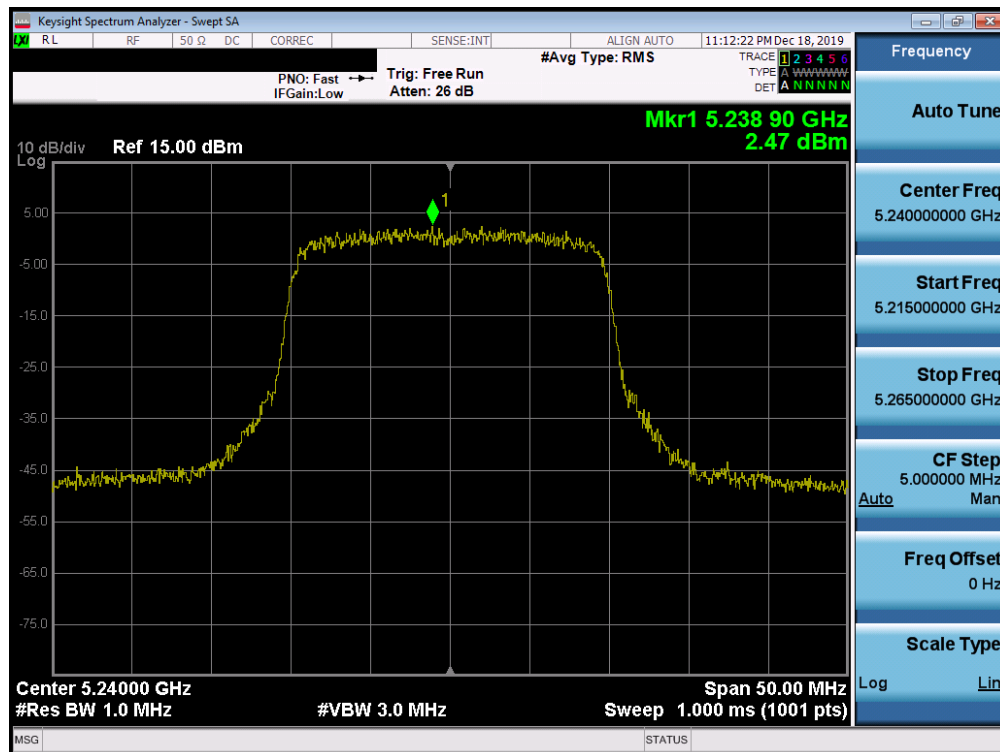


Plot 7-271. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 36)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 170 of 291

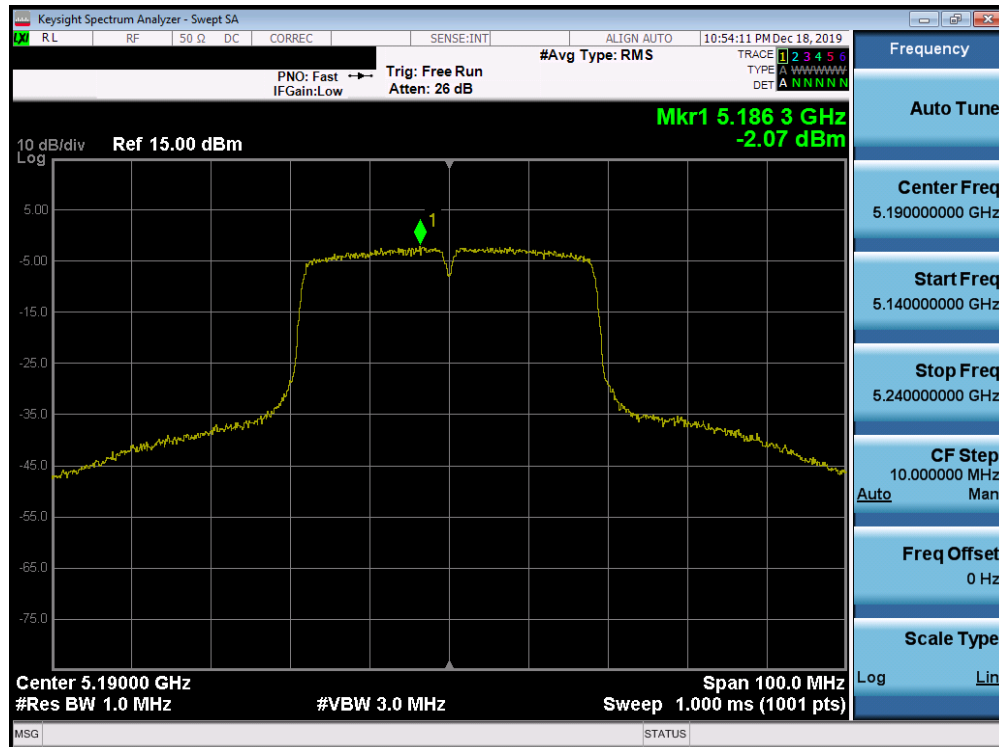


Plot 7-272. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 40)

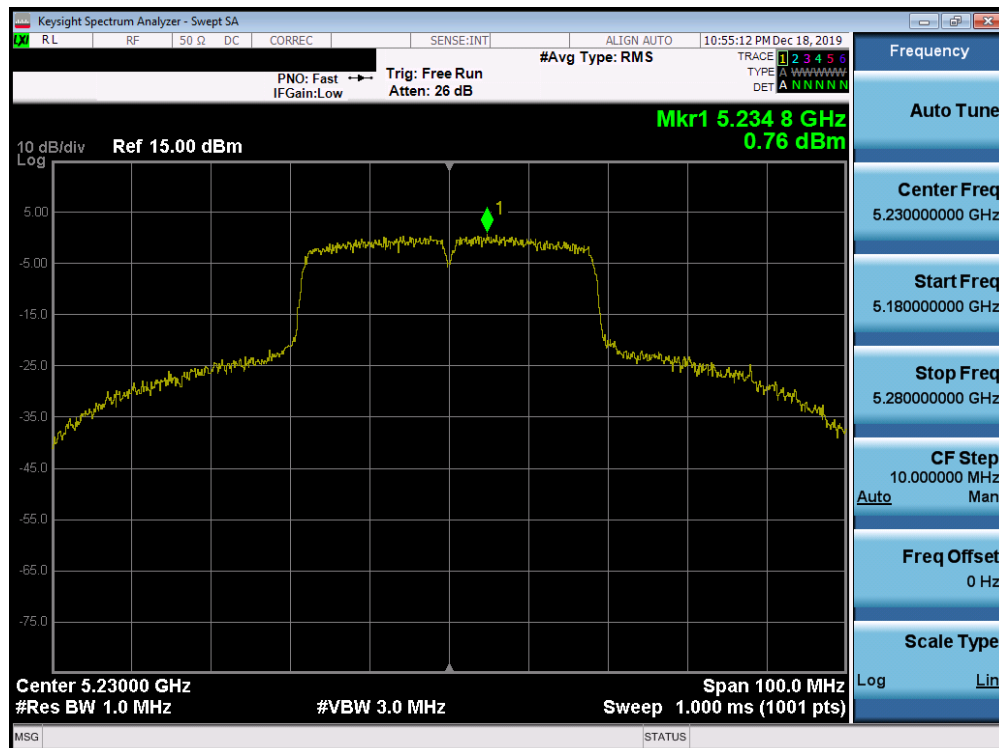


Plot 7-273. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) – Ch. 48)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 171 of 291

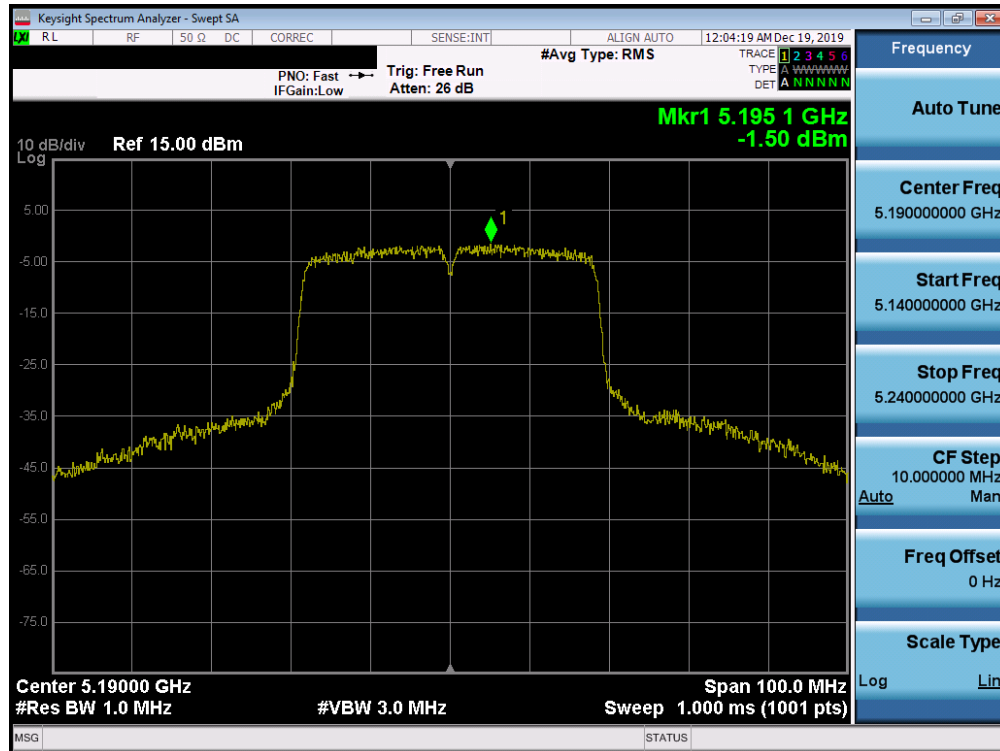


Plot 7-274. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 38)

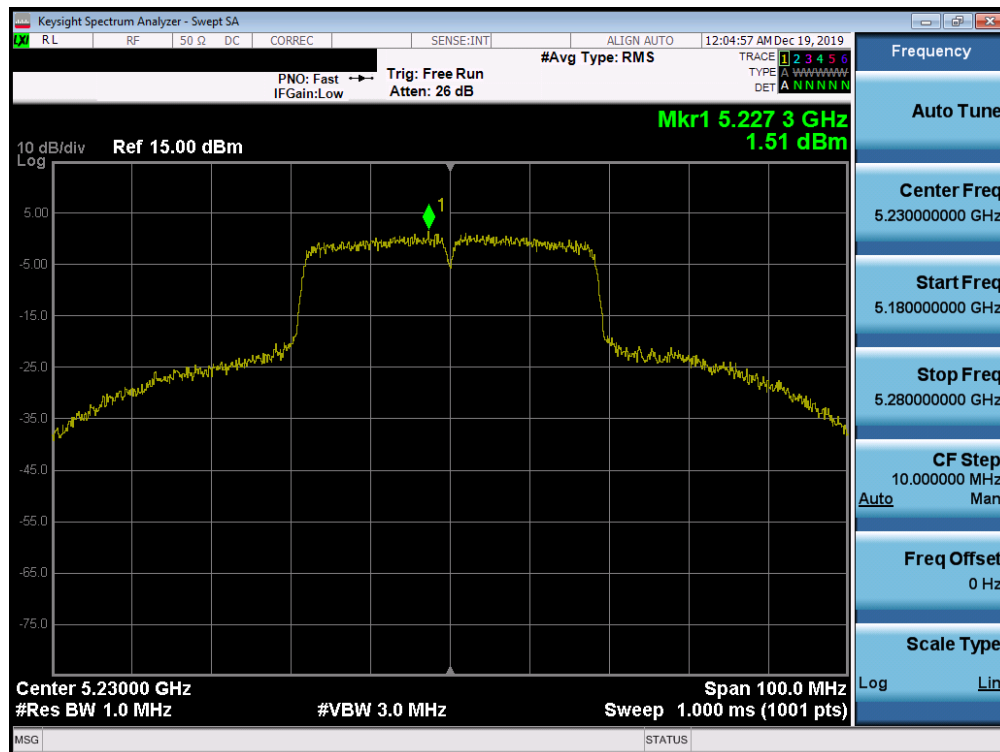


Plot 7-275. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) – Ch. 46)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 172 of 291

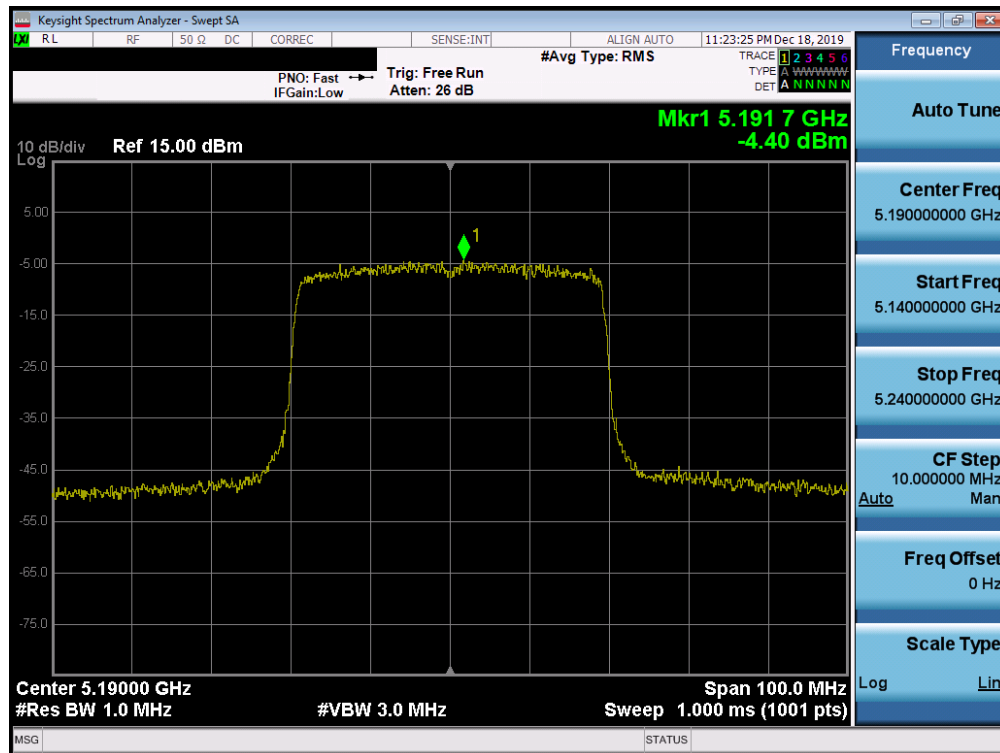


Plot 7-276. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 1) – Ch. 38)

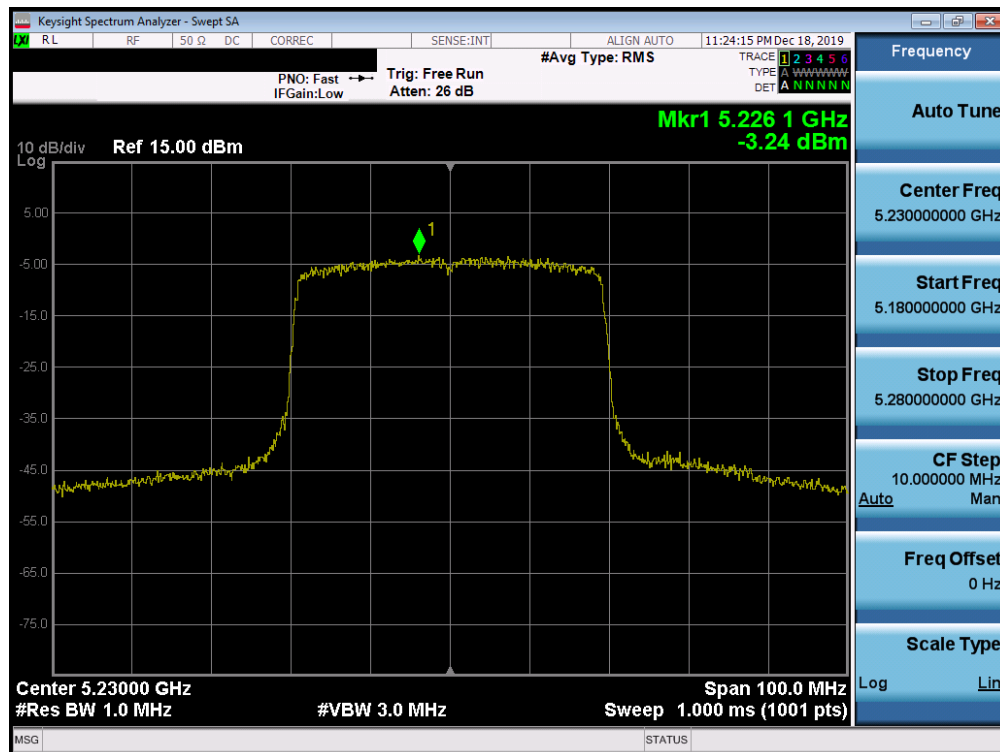


Plot 7-277. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 1) – Ch. 46)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 173 of 291

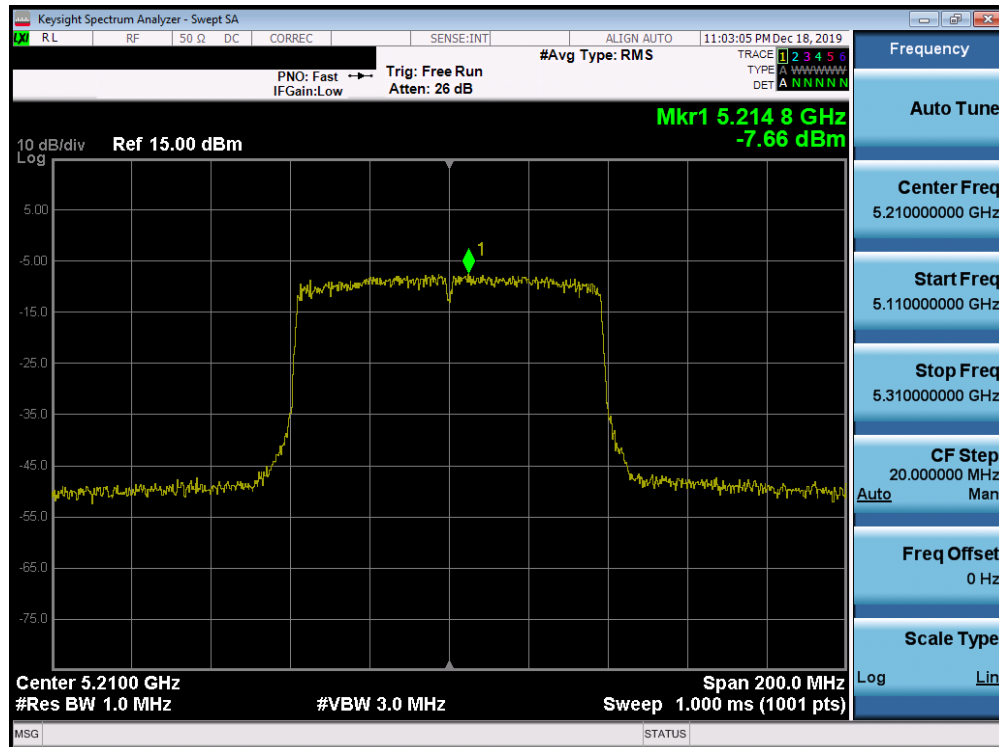


Plot 7-278. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 38)

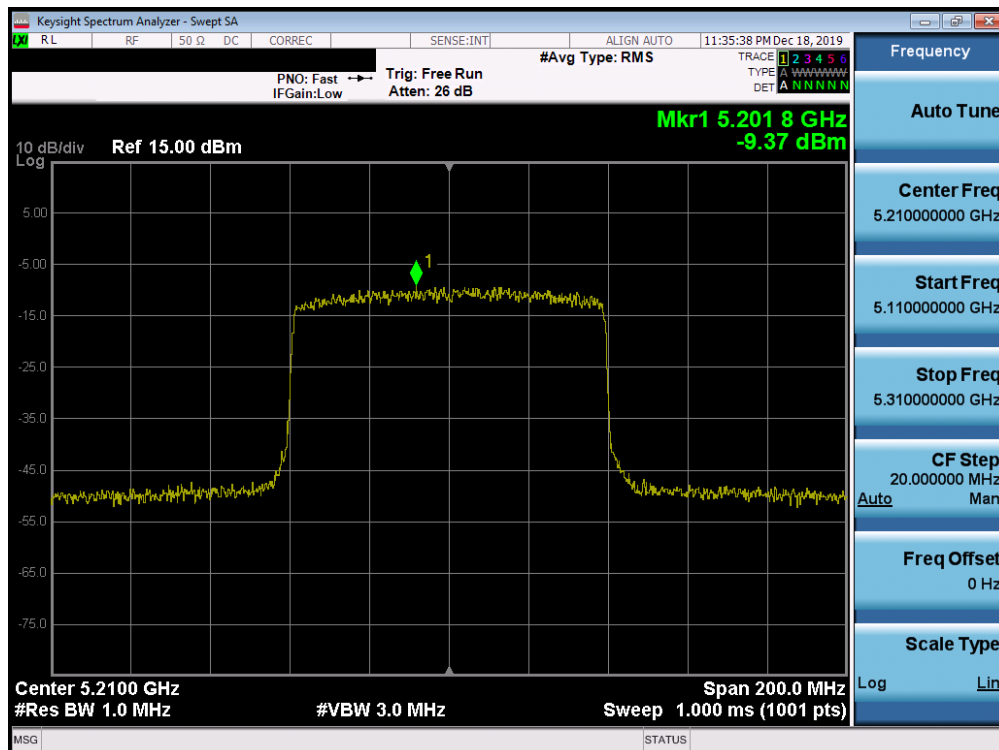


Plot 7-279. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) – Ch. 46)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 174 of 291

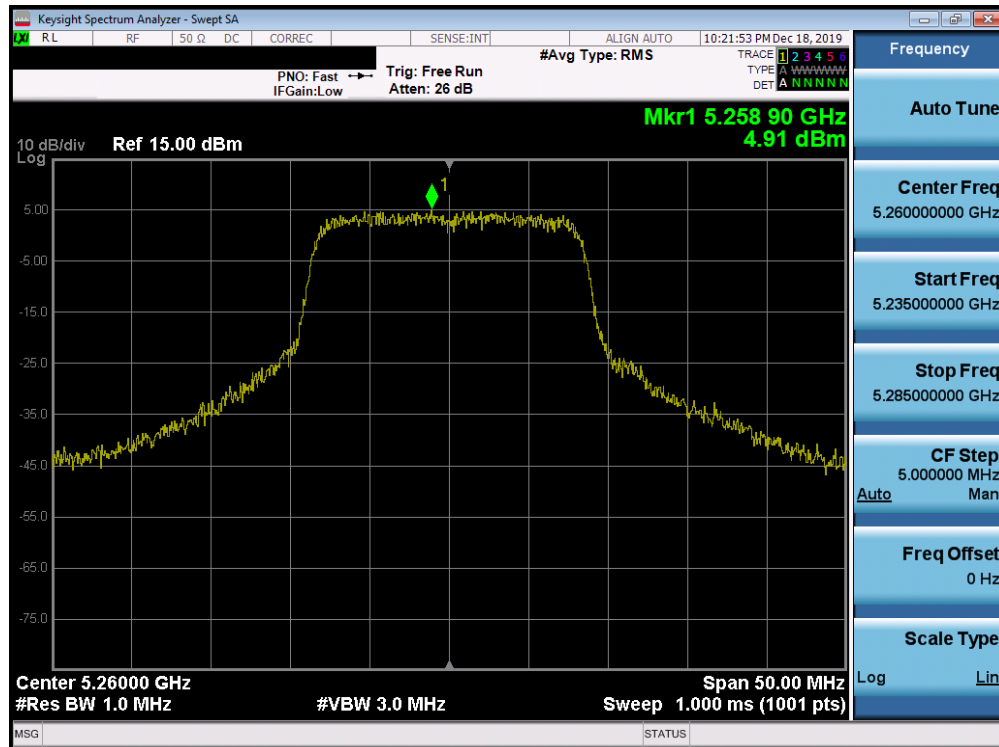


Plot 7-280. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 1) – Ch. 42)

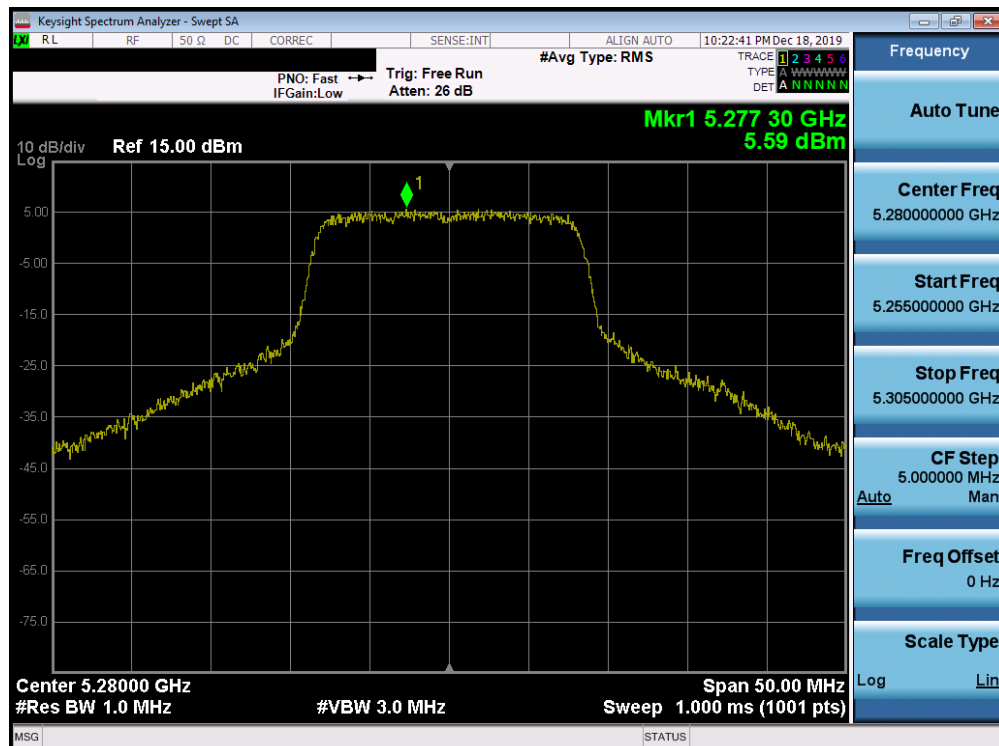


Plot 7-281. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 1) – Ch. 42)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 175 of 291

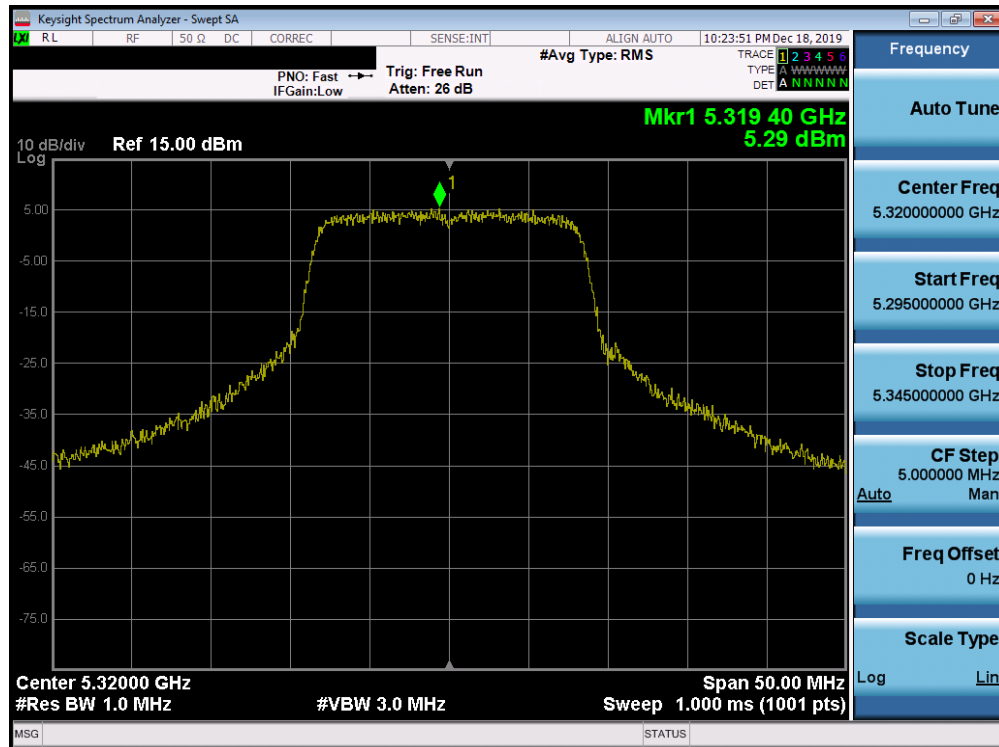


Plot 7-282. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 52)

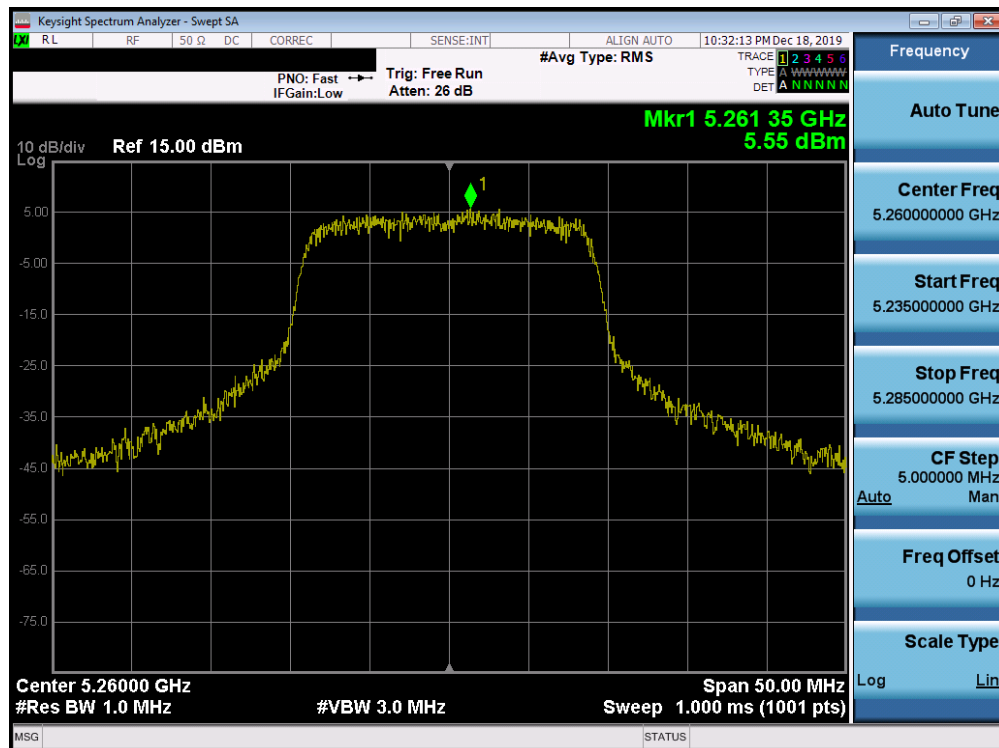


Plot 7-283. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 56)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 176 of 291

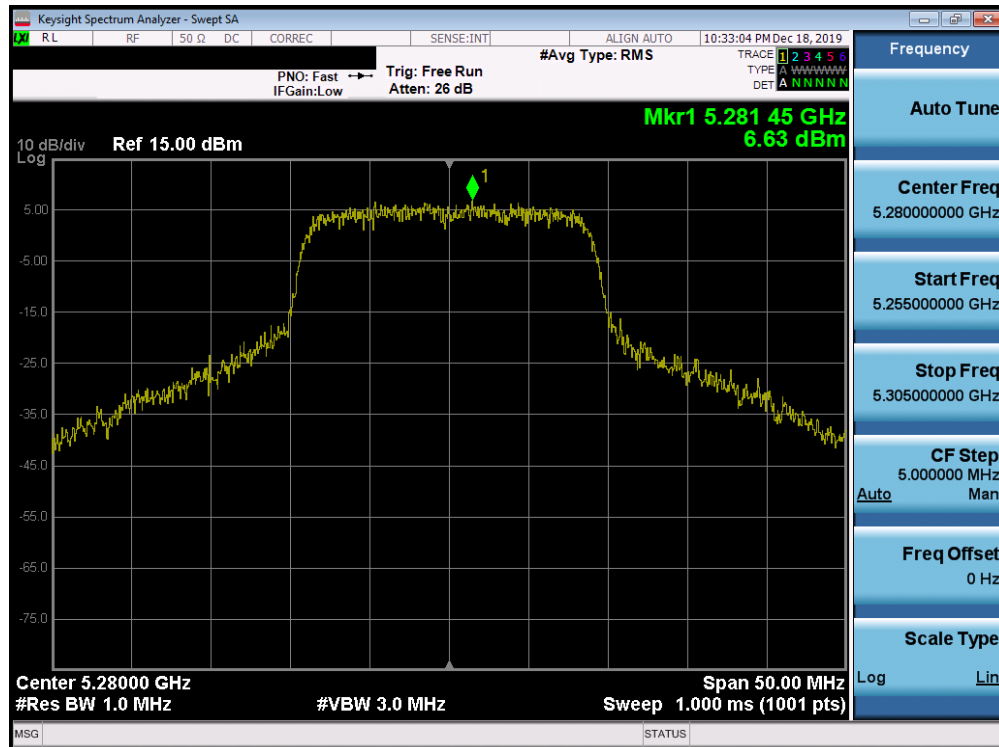


Plot 7-284. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 64)

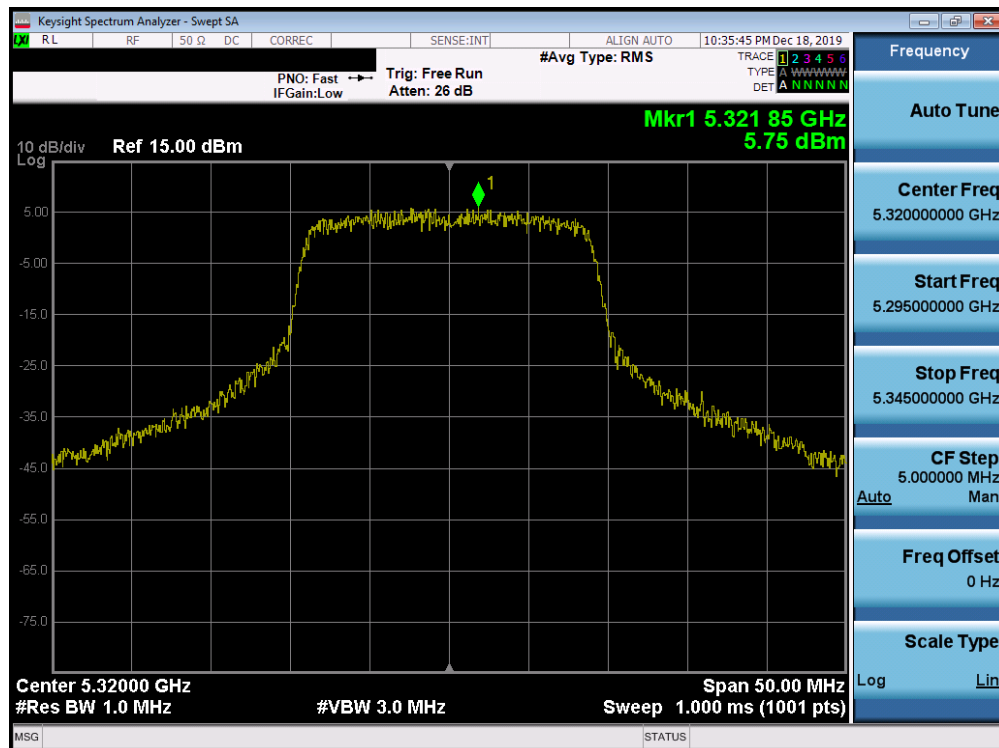


Plot 7-285. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 52)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 177 of 291

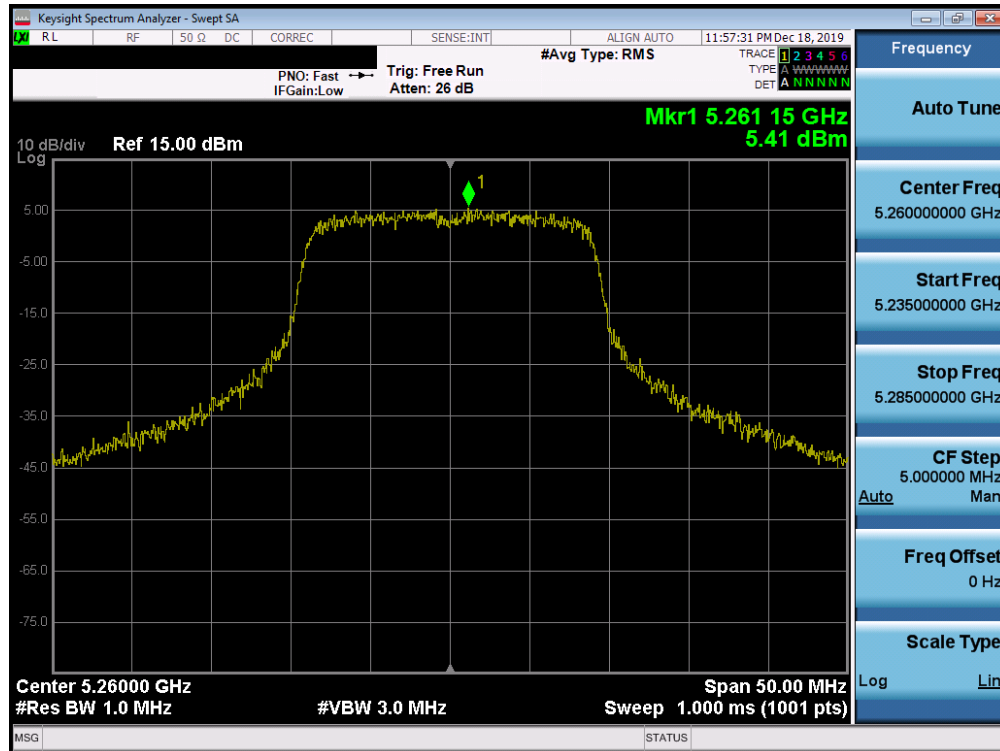


Plot 7-286. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 56)

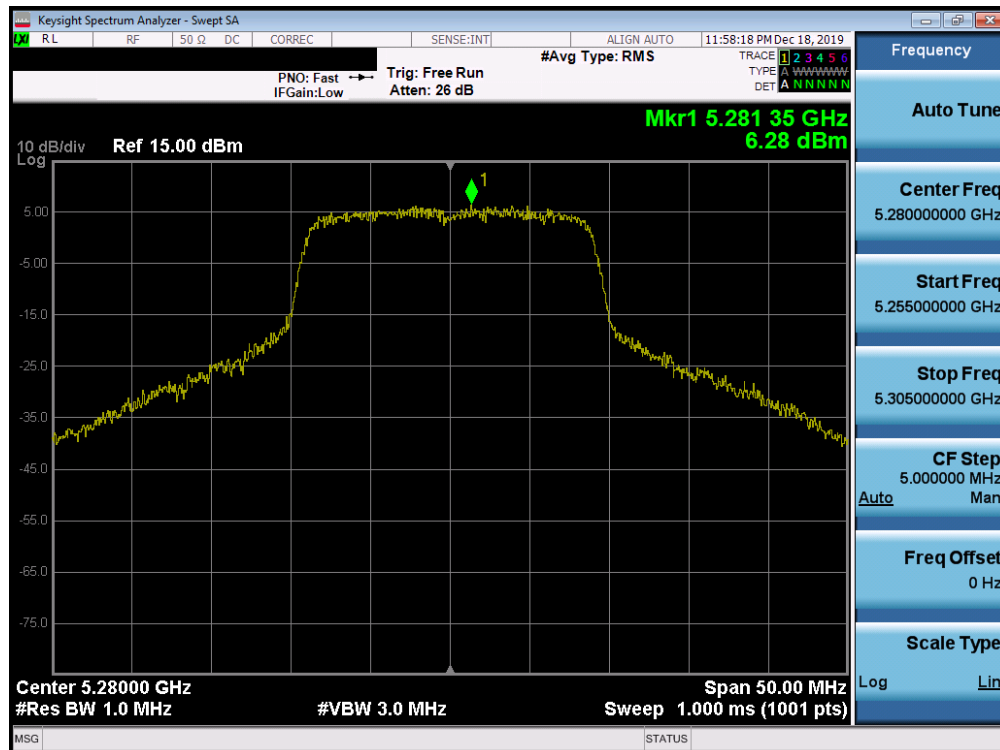


Plot 7-287. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) – Ch. 64)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 178 of 291

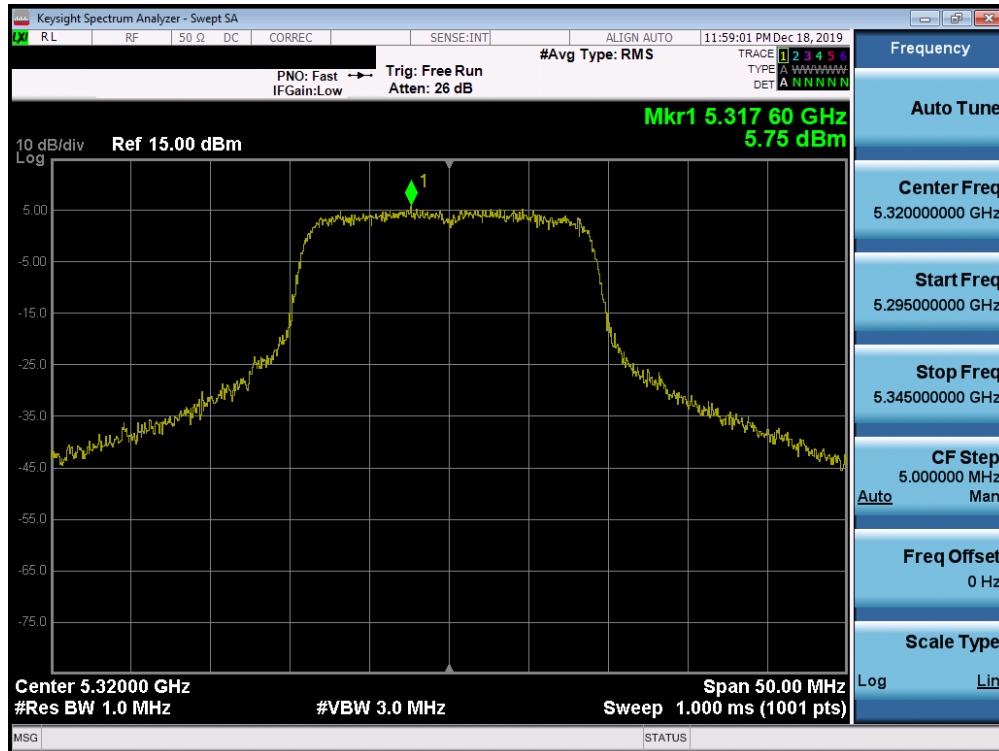


Plot 7-288. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2A) – Ch. 52)

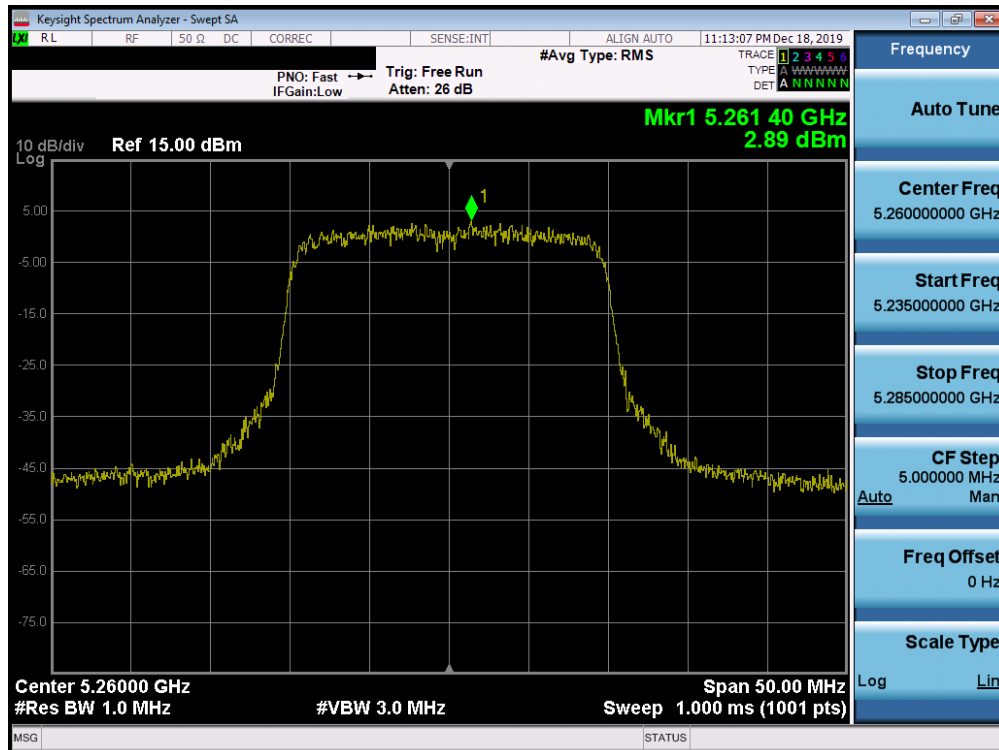


Plot 7-289. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2A) – Ch. 56)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 179 of 291

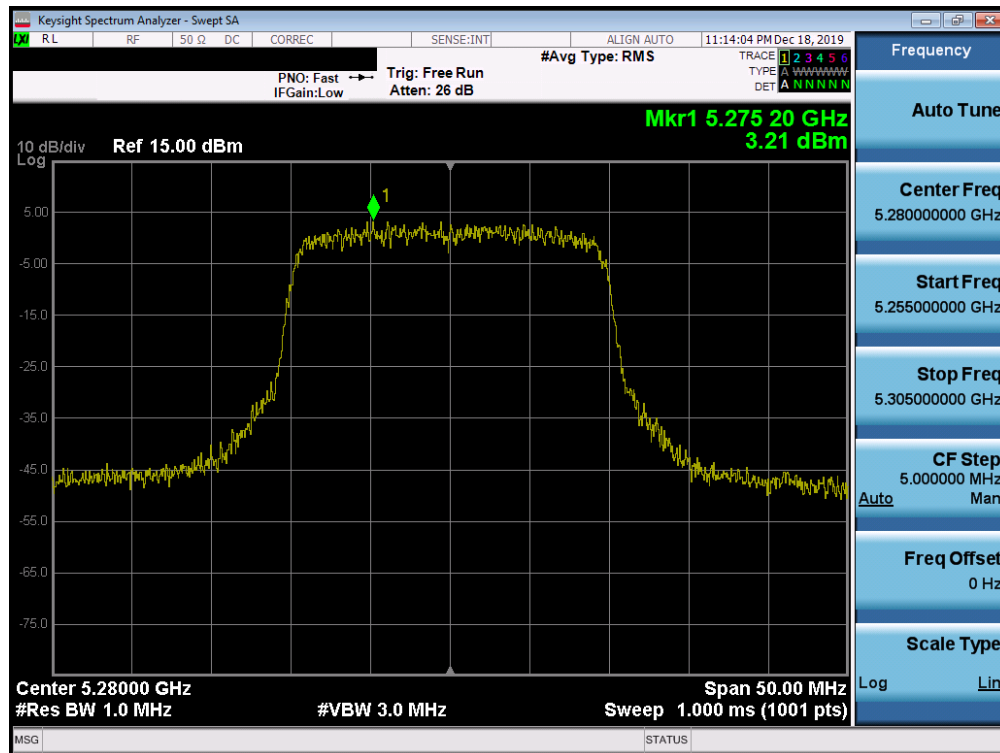


Plot 7-290. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2A) – Ch. 64)

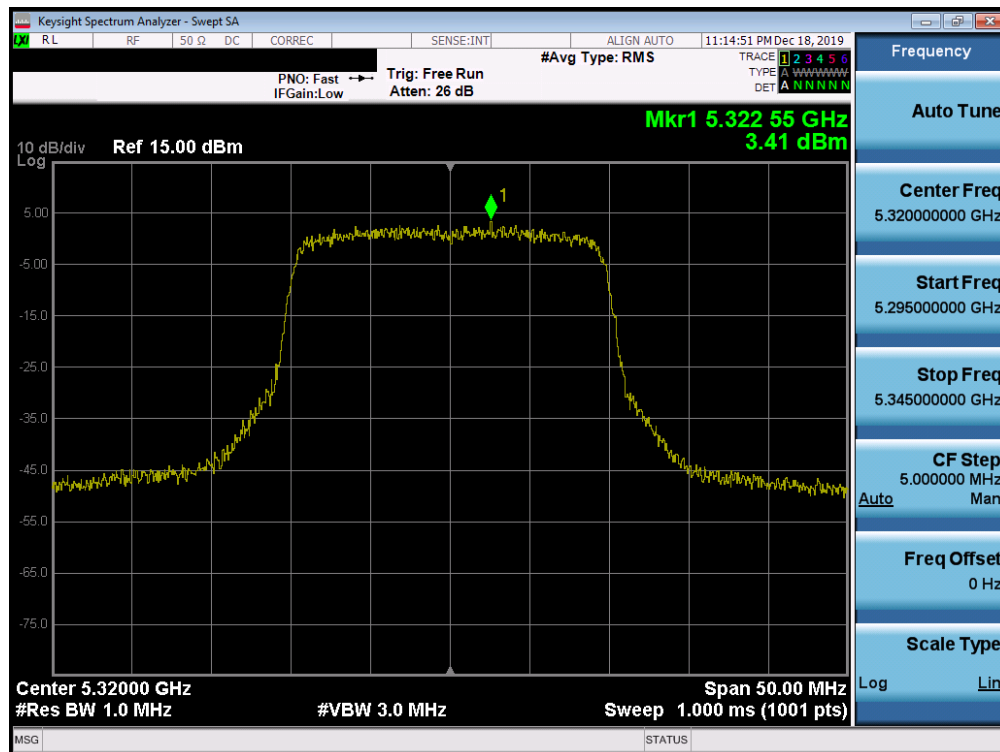


Plot 7-291. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 52)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 180 of 291

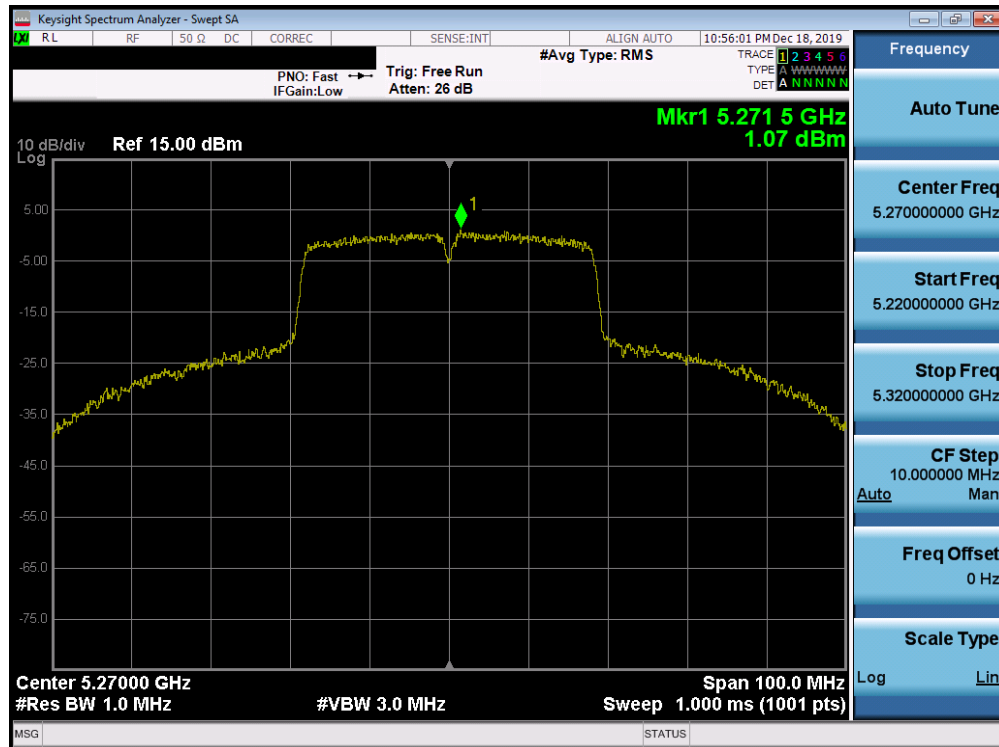


Plot 7-292. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 56)

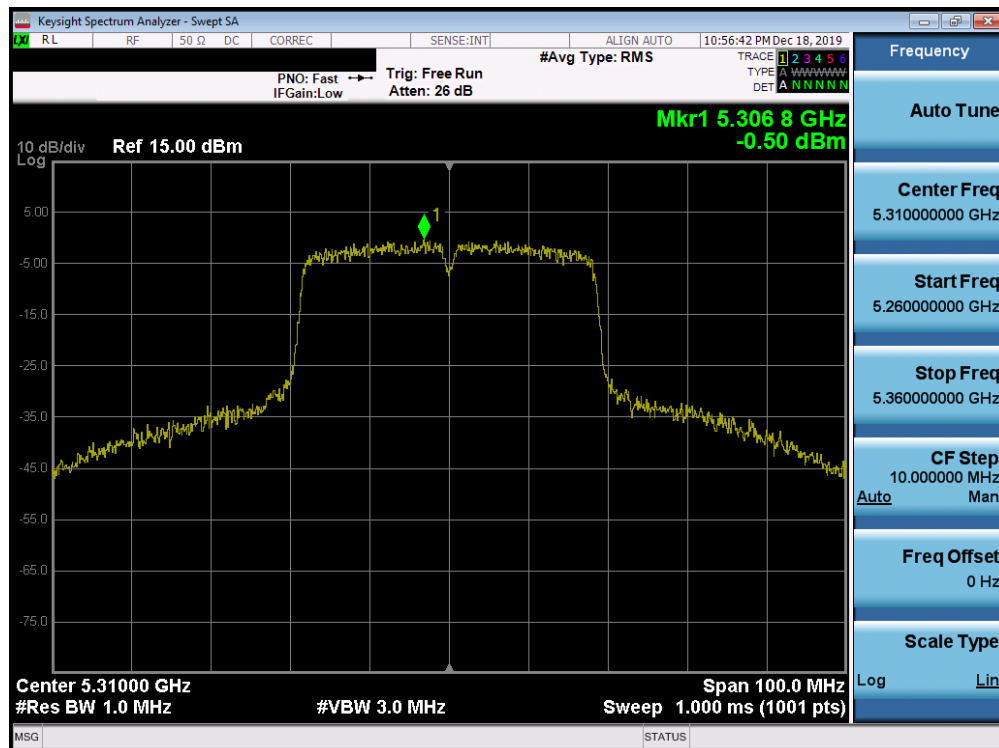


Plot 7-293. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) – Ch. 64)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 181 of 291

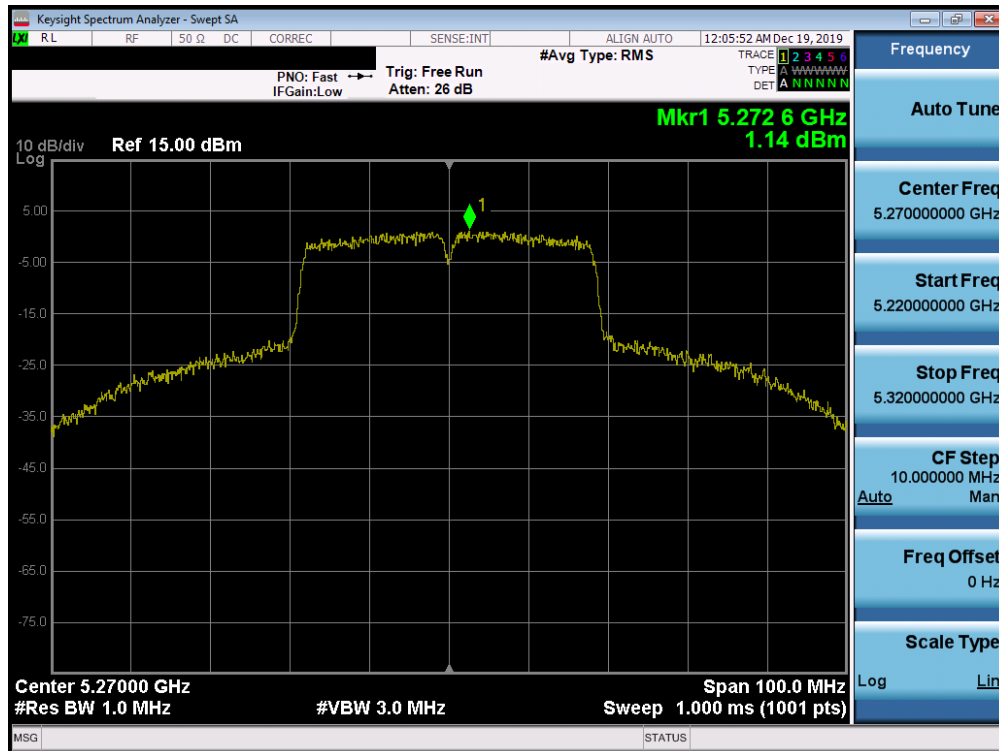


Plot 7-294. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 54)

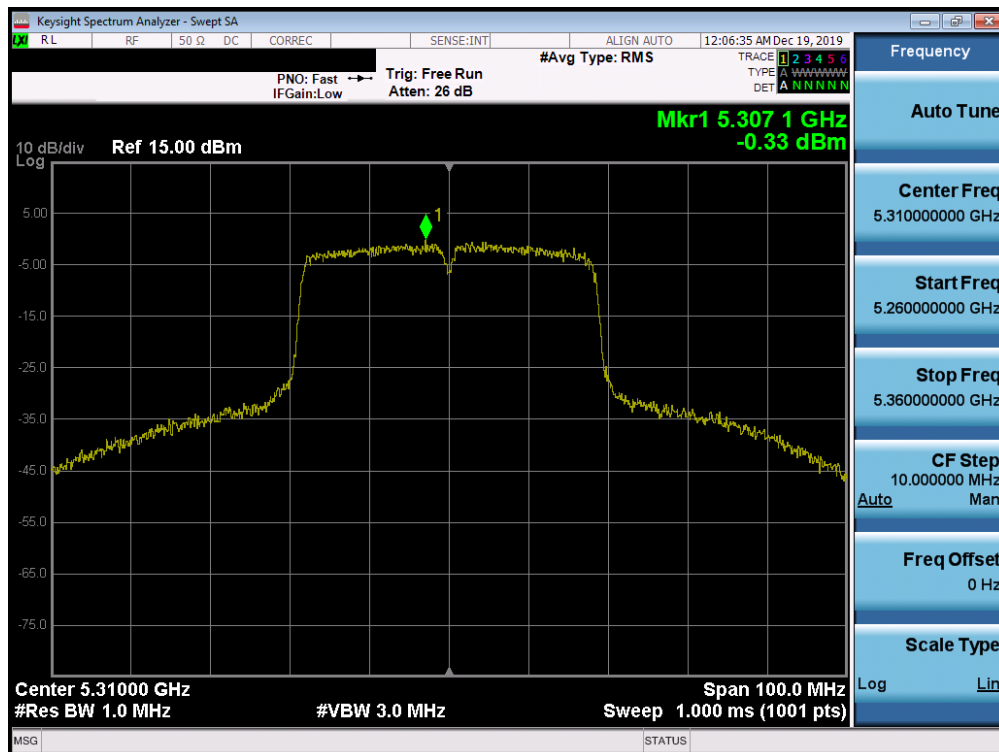


Plot 7-295. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) – Ch. 62)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 182 of 291

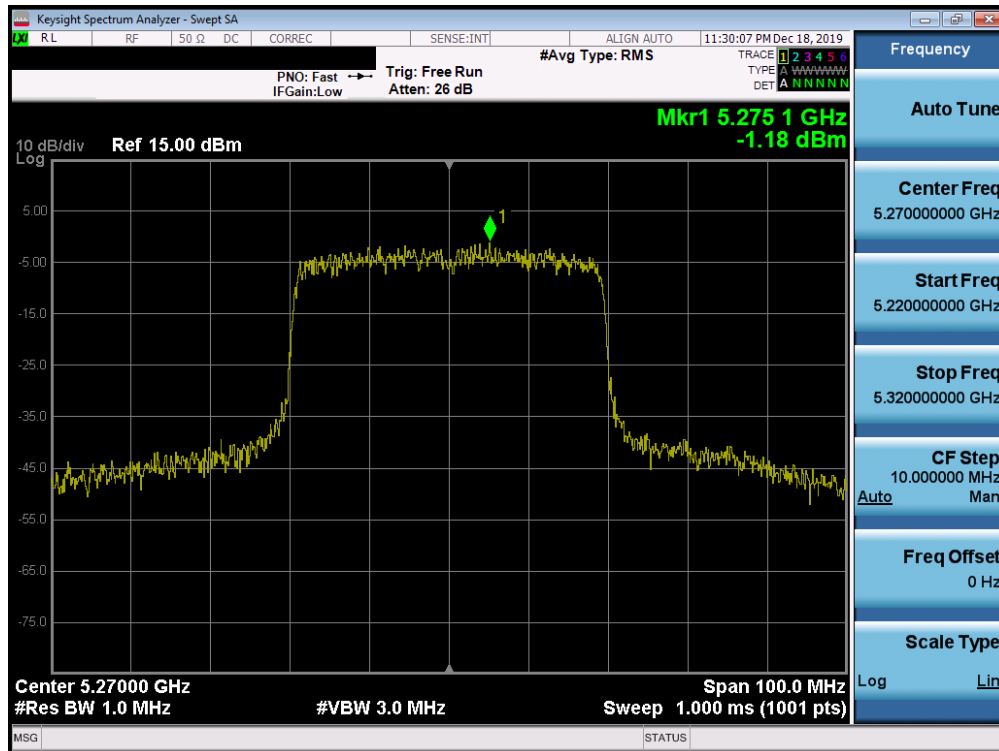


Plot 7-296. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 2A) – Ch. 54)

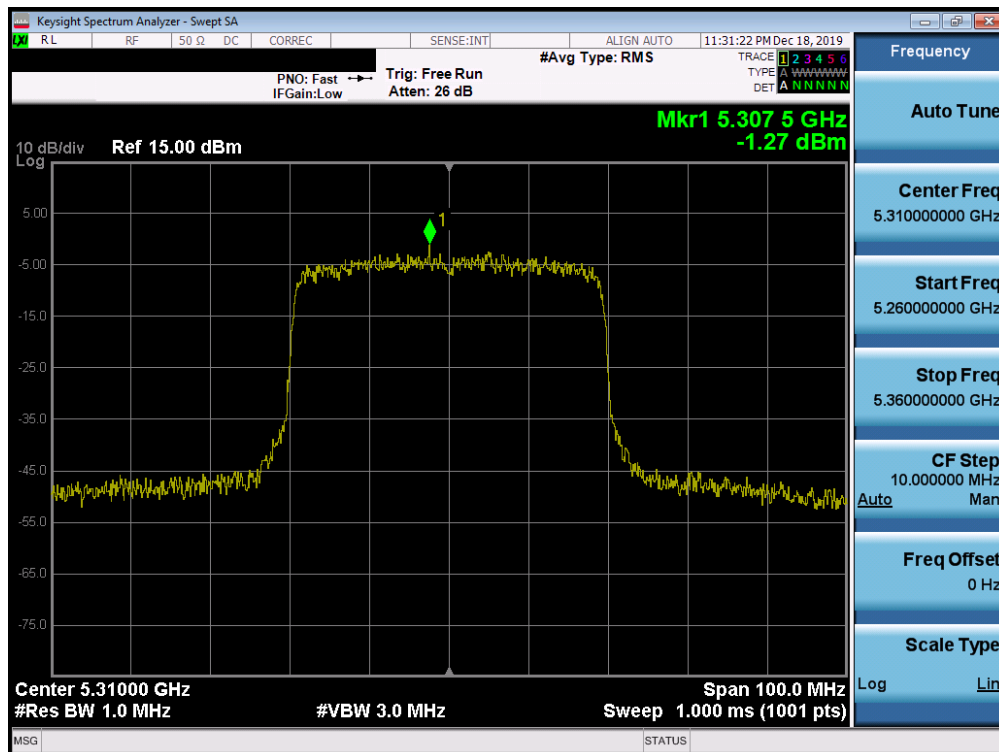


Plot 7-297. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 2A) – Ch. 62)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 183 of 291

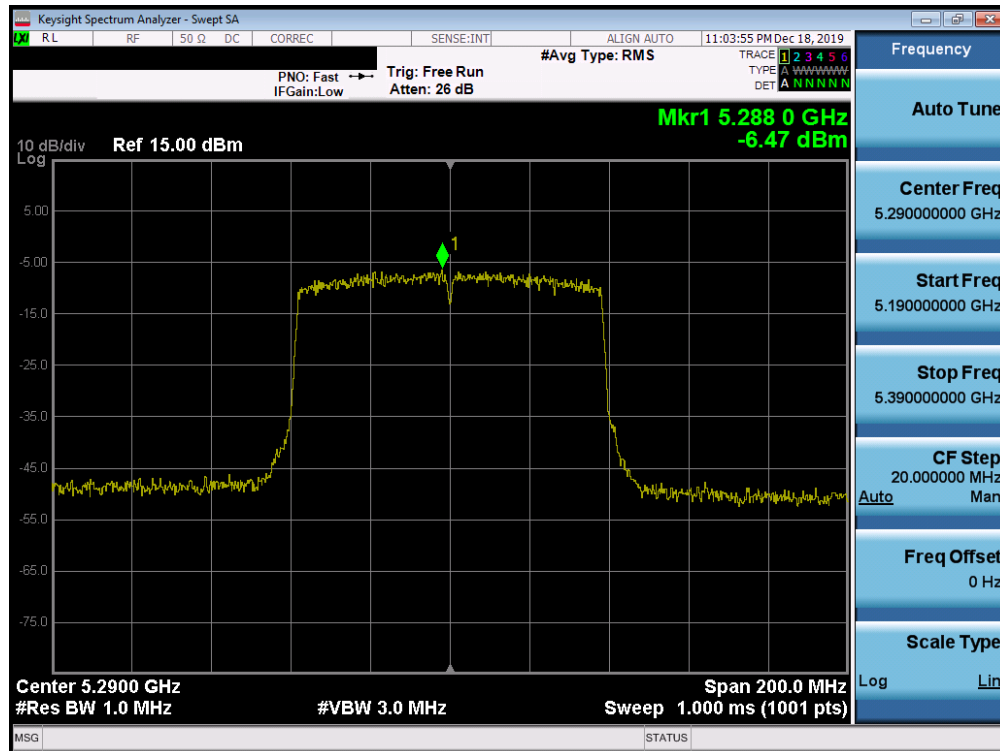


Plot 7-298. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 54)

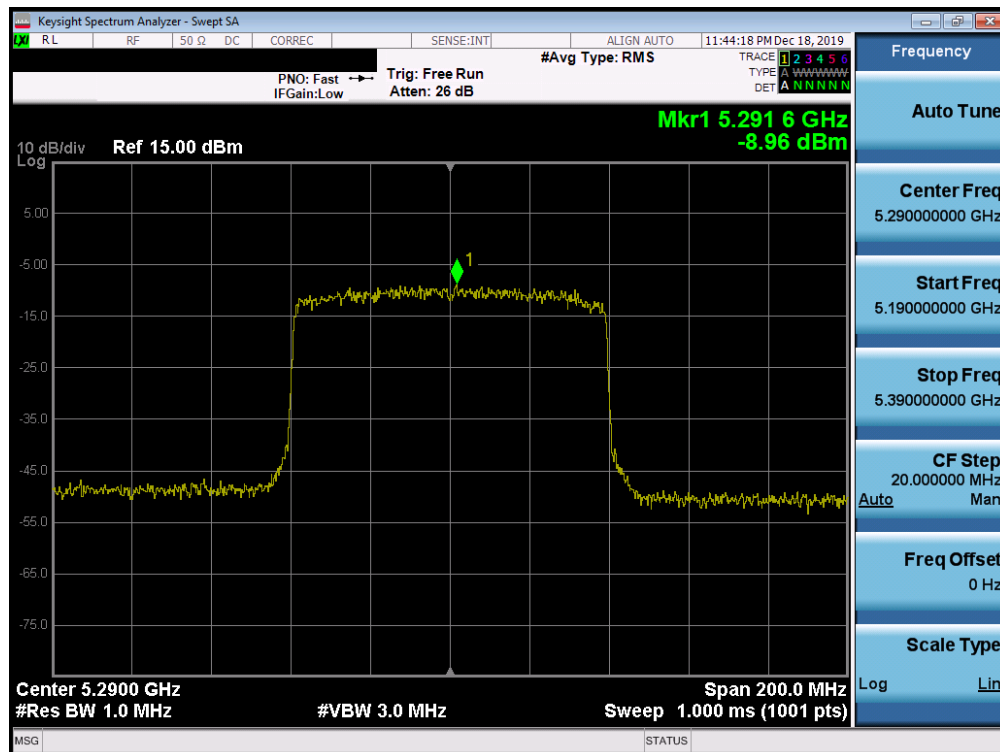


Plot 7-299. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) – Ch. 62)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 184 of 291

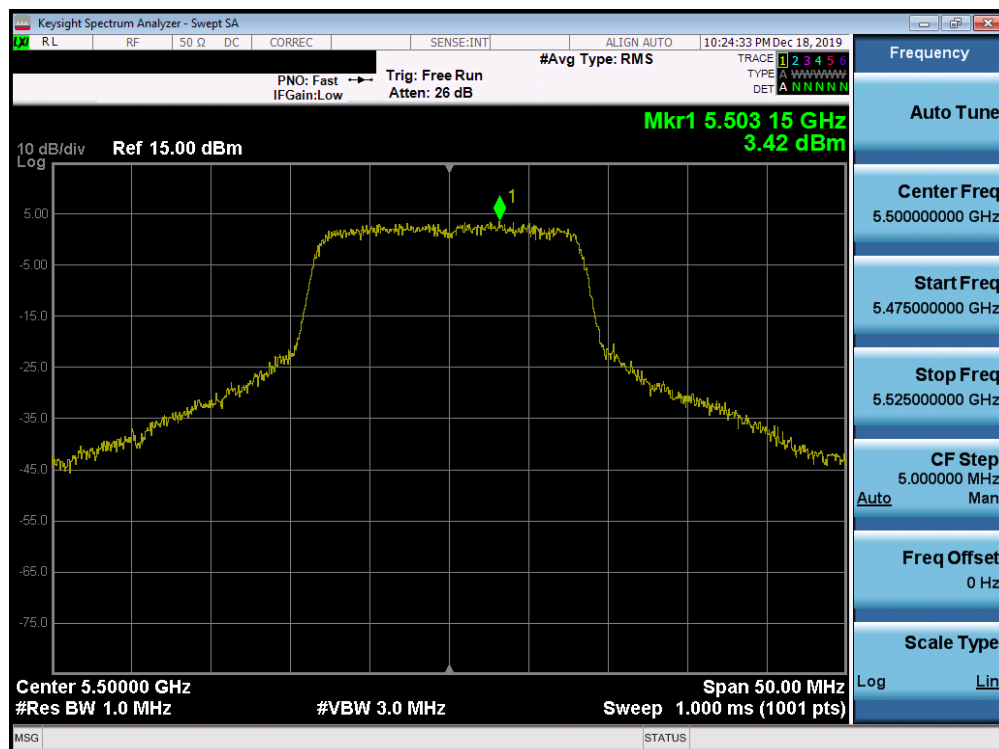


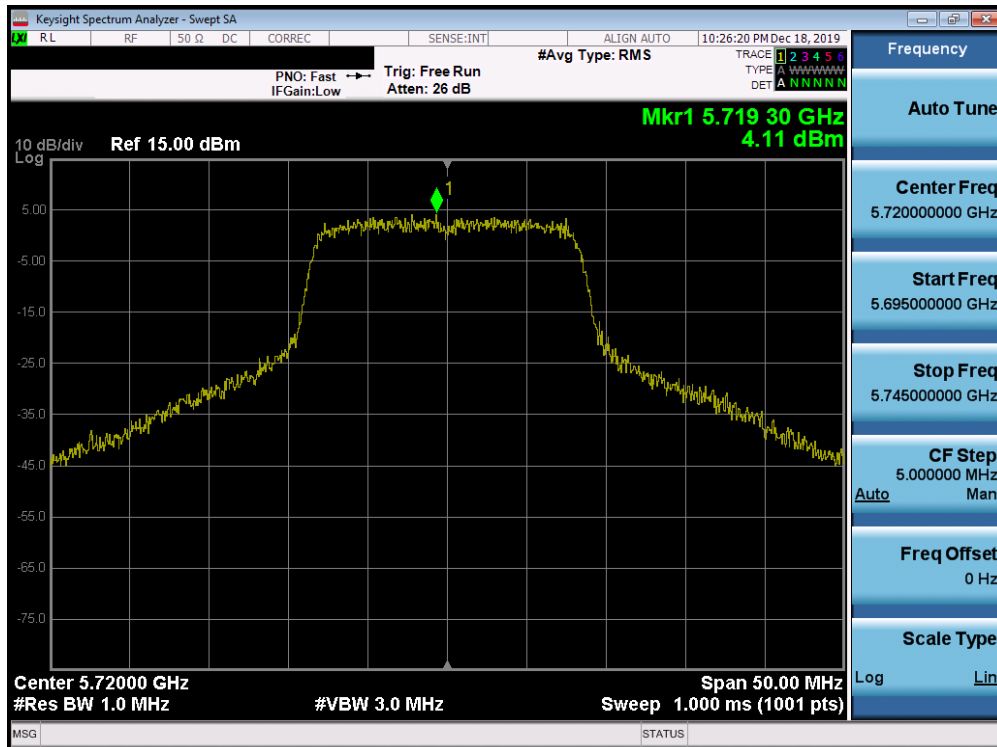
Plot 7-300. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2A) – Ch. 58)



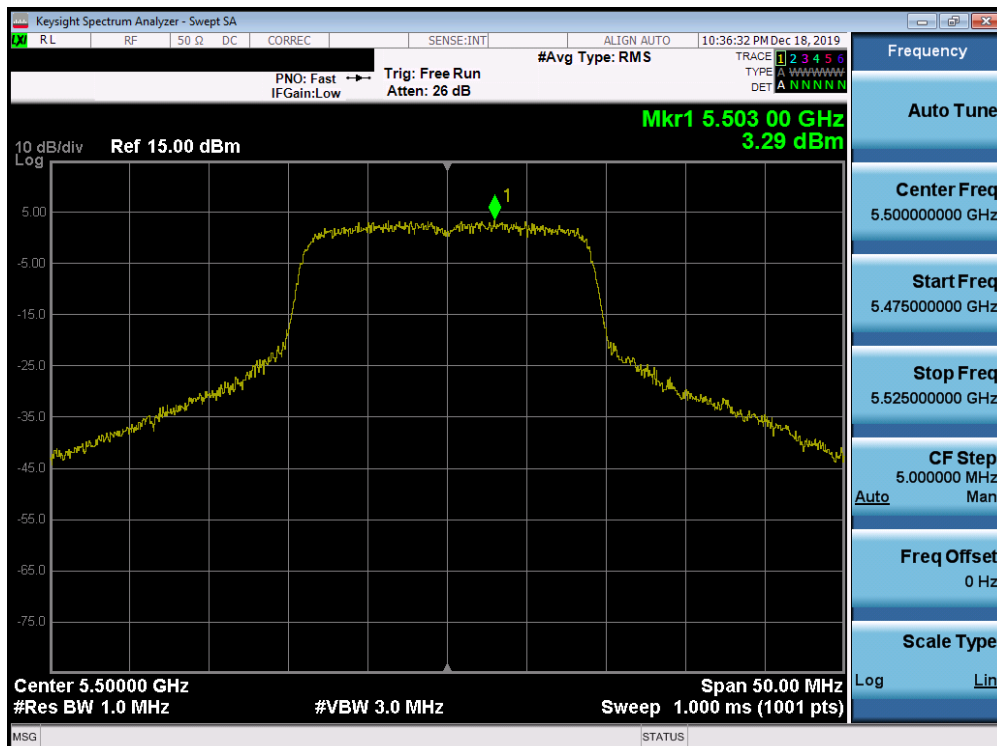
Plot 7-301. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2A) – Ch. 58)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 185 of 291



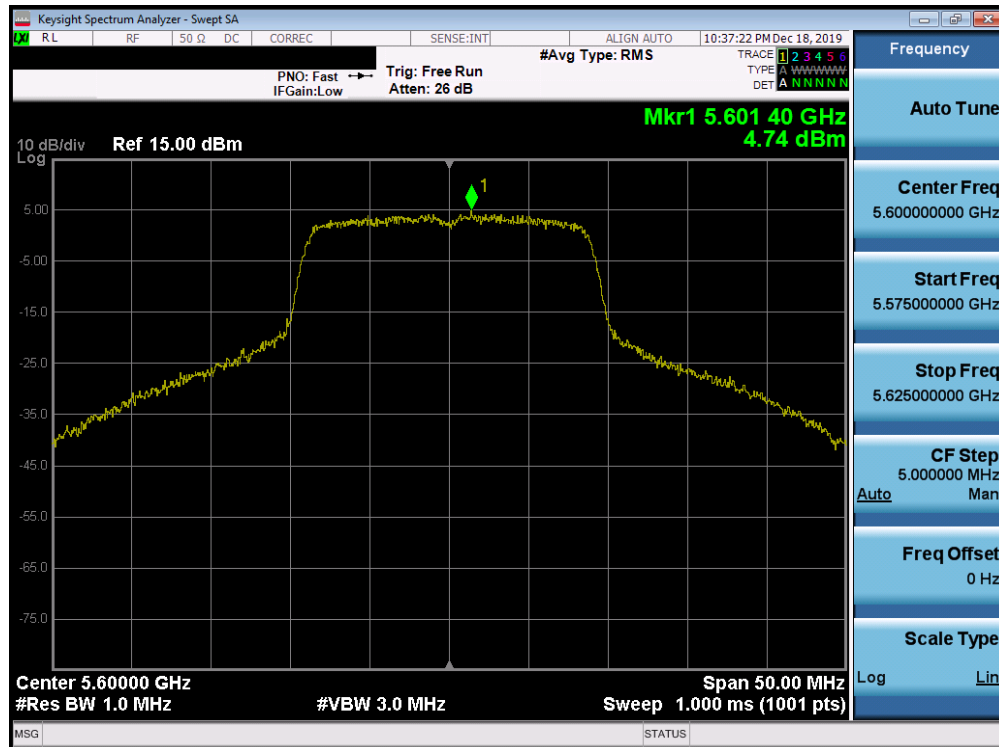


Plot 7-304. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) – Ch. 144)

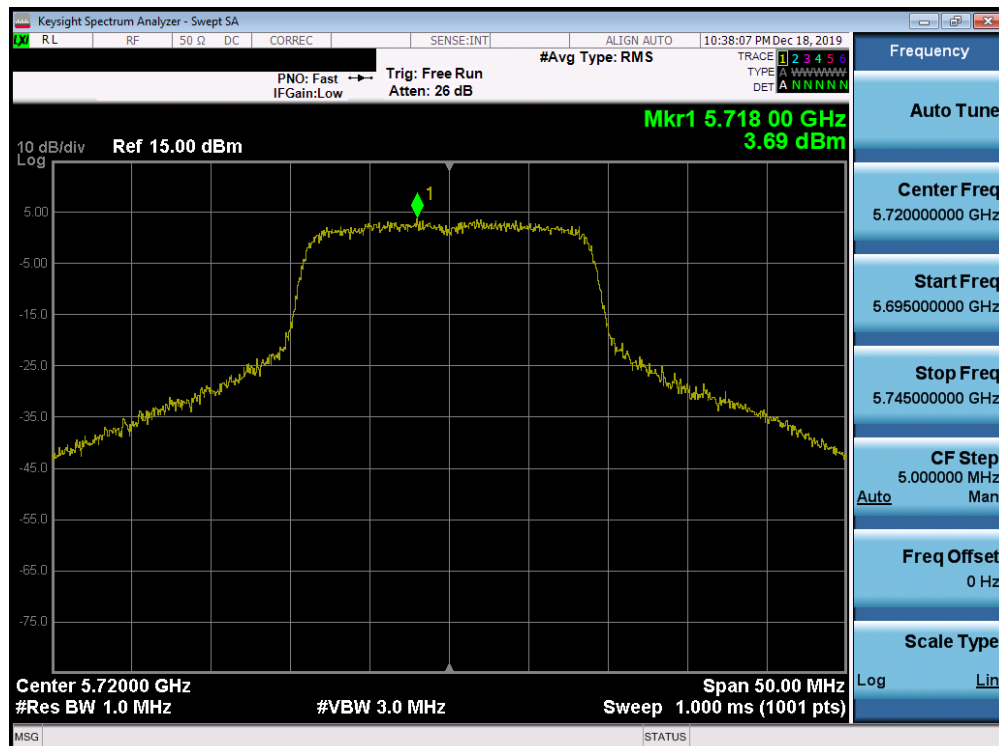


Plot 7-305. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 100)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 187 of 291

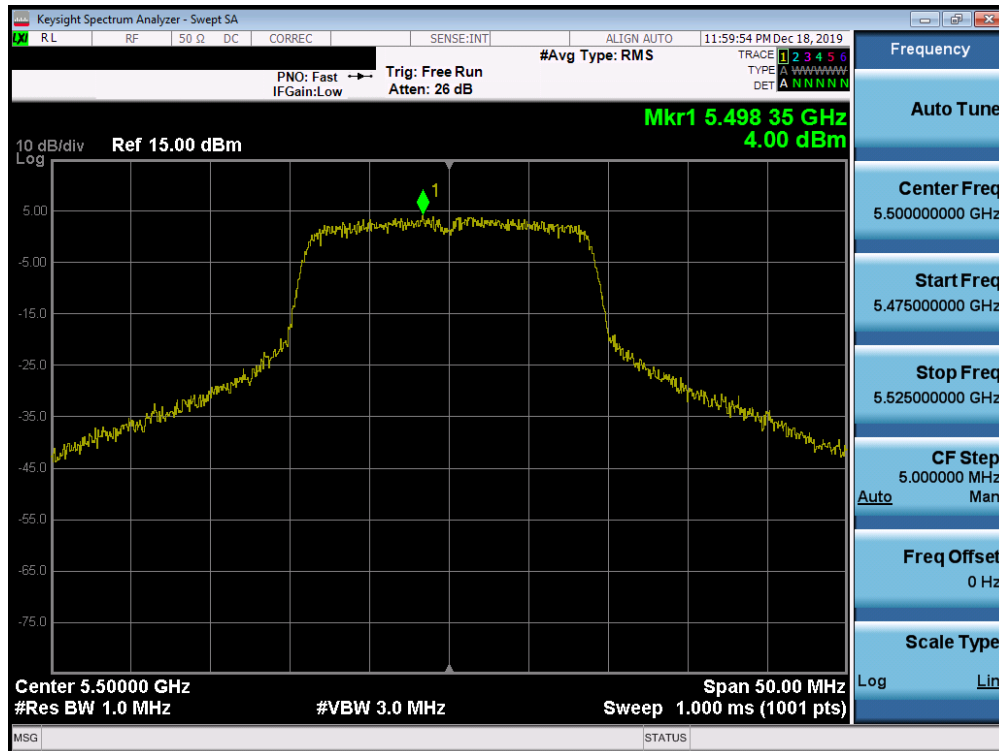


Plot 7-306. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 120)

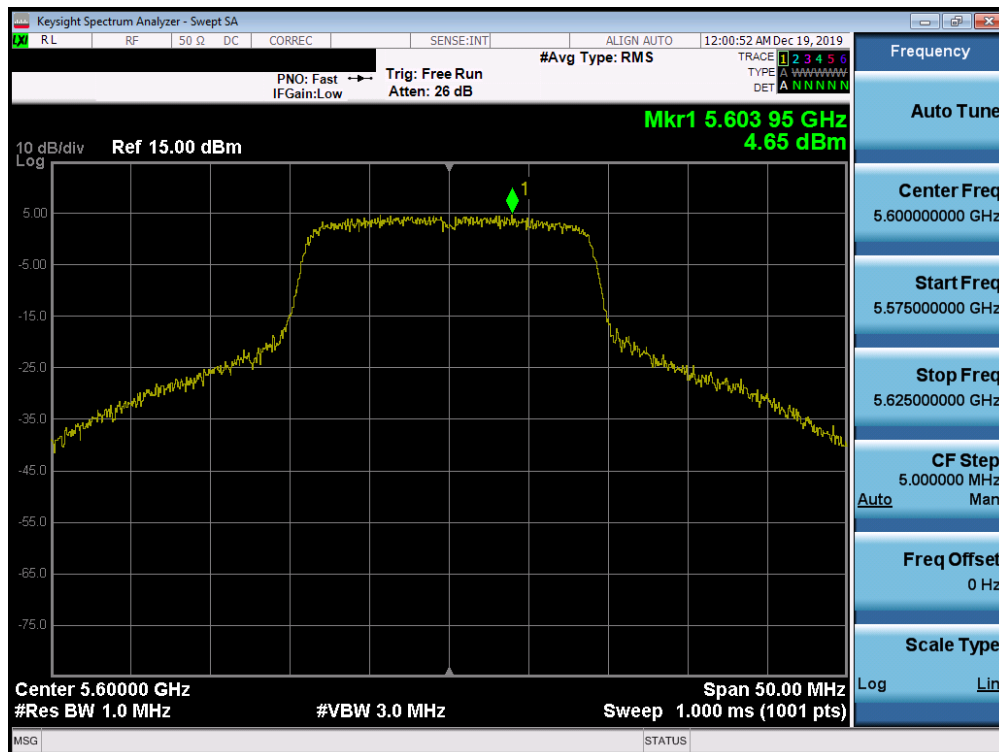


Plot 7-307. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) – Ch. 144)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 188 of 291

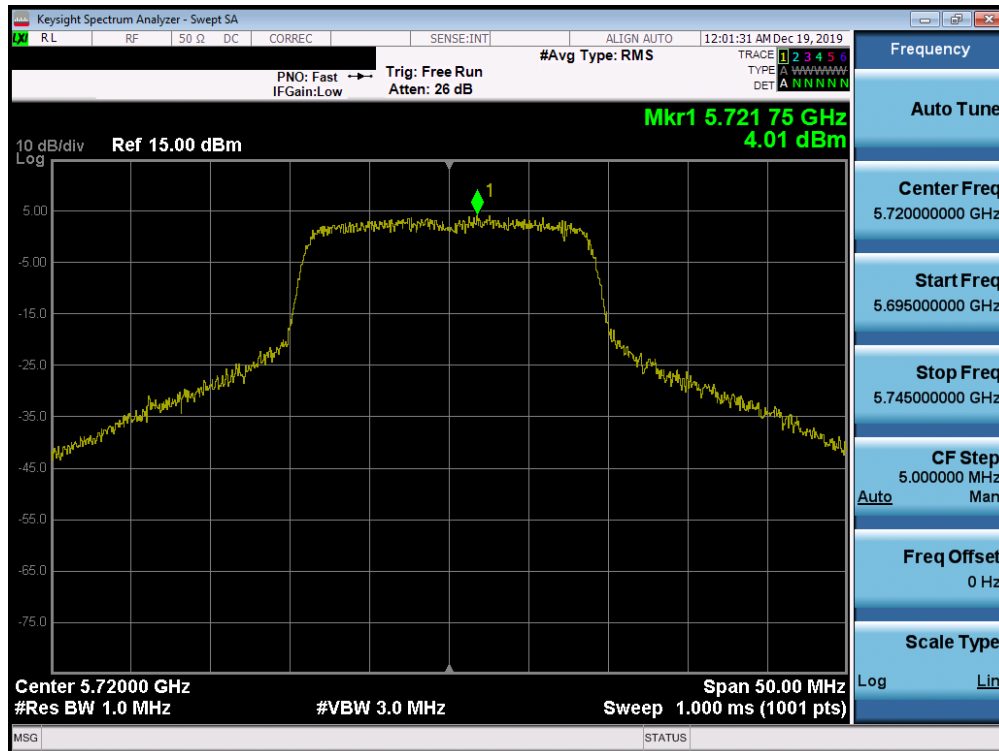


Plot 7-308. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 100)

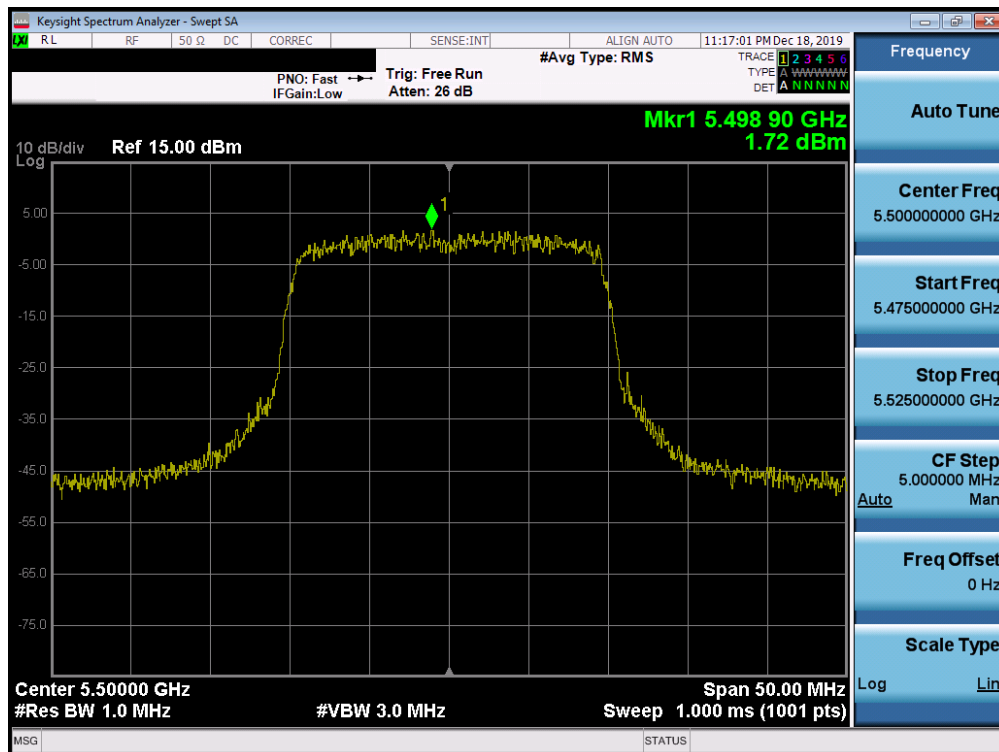


Plot 7-309. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 120)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 189 of 291

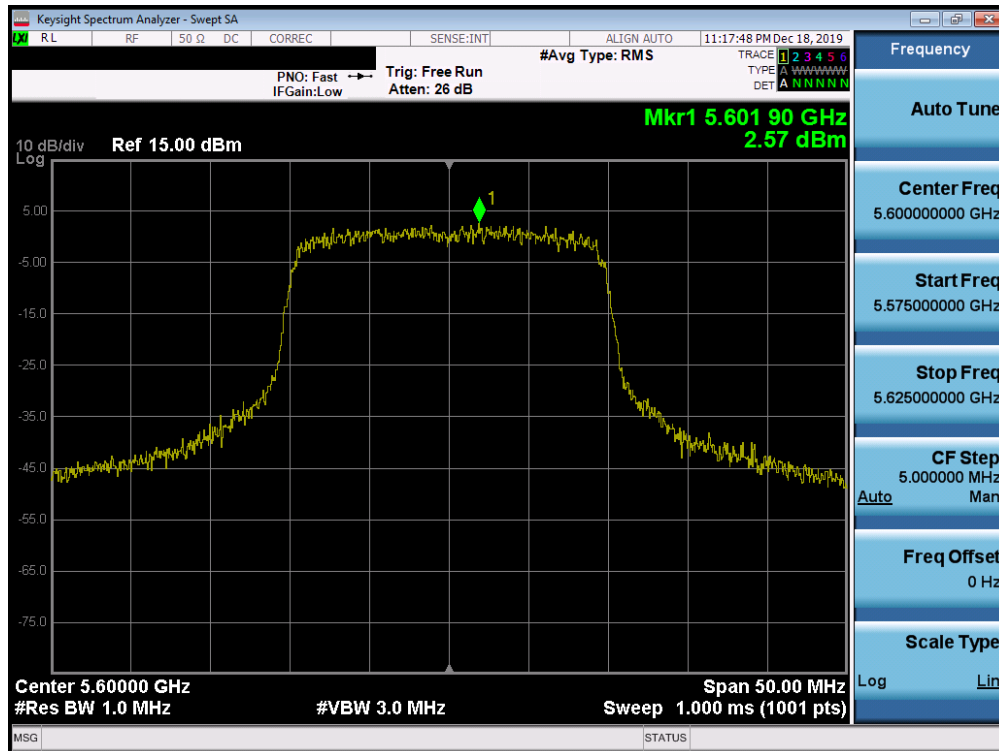


Plot 7-310. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ac (UNII Band 2C) – Ch. 144)

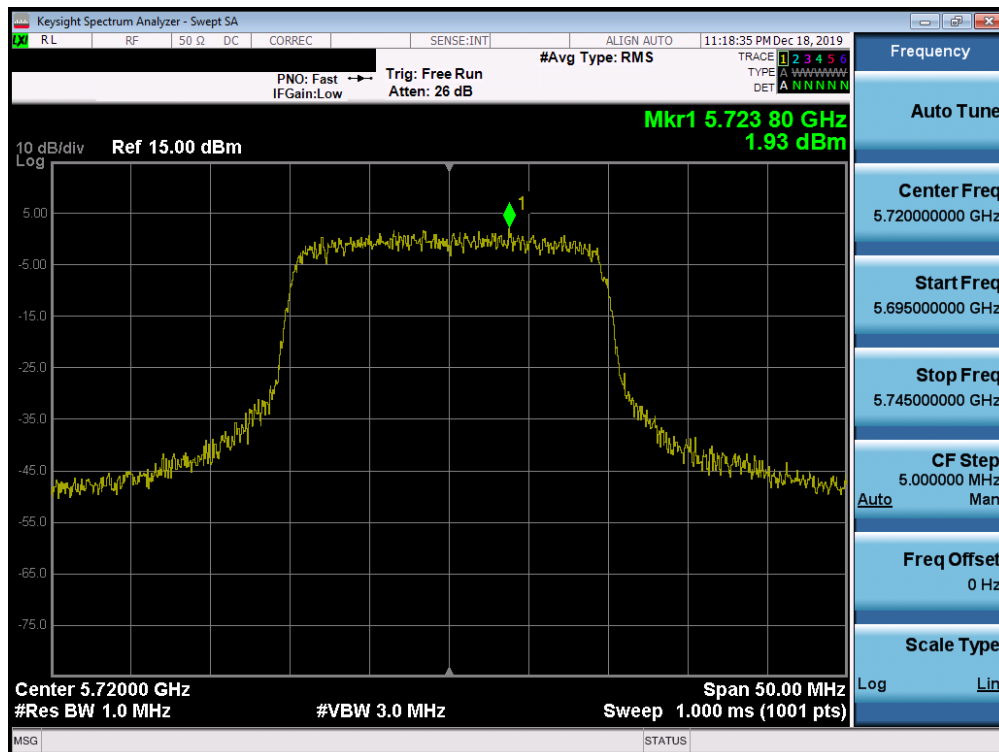


Plot 7-311. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 100)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 190 of 291

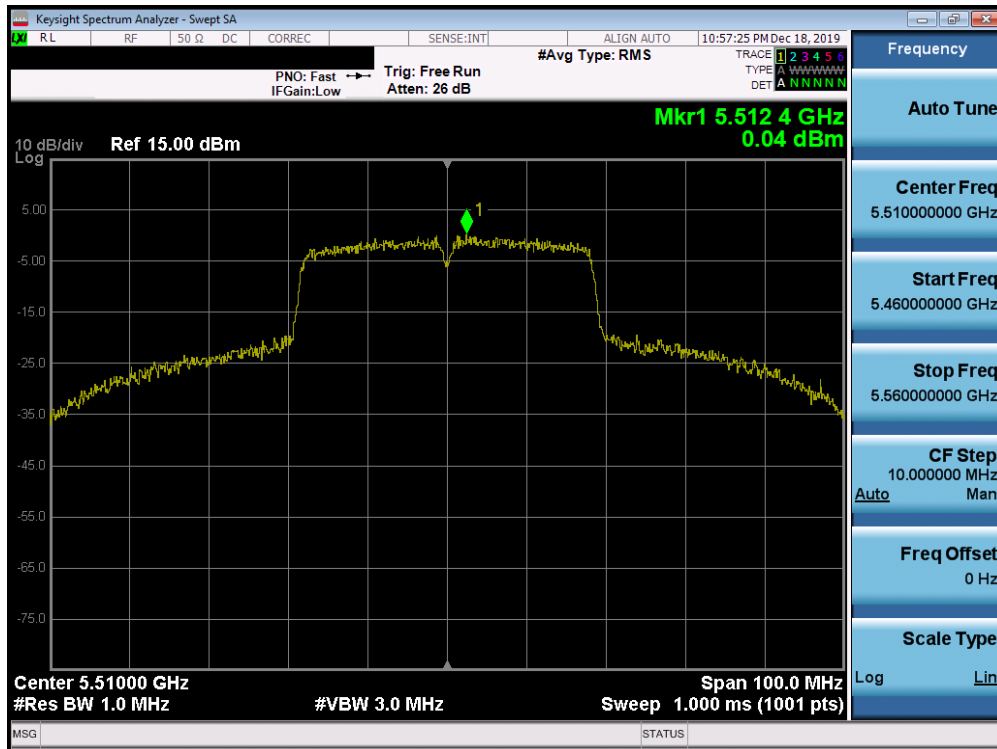


Plot 7-312. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 120)

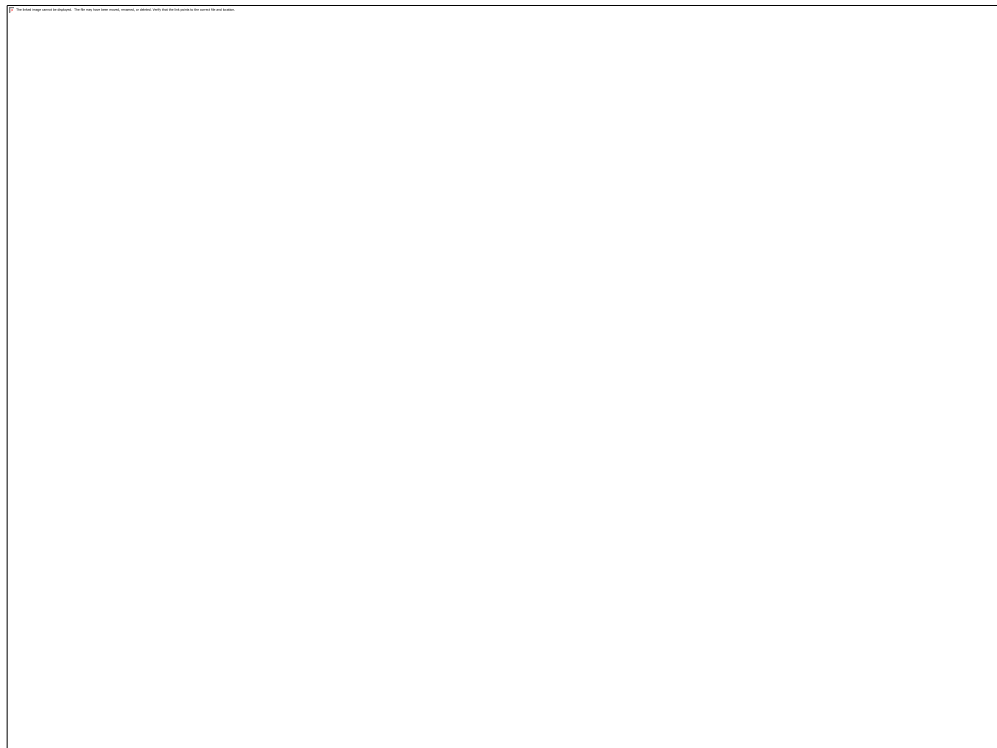


Plot 7-313. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) – Ch. 144)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 191 of 291

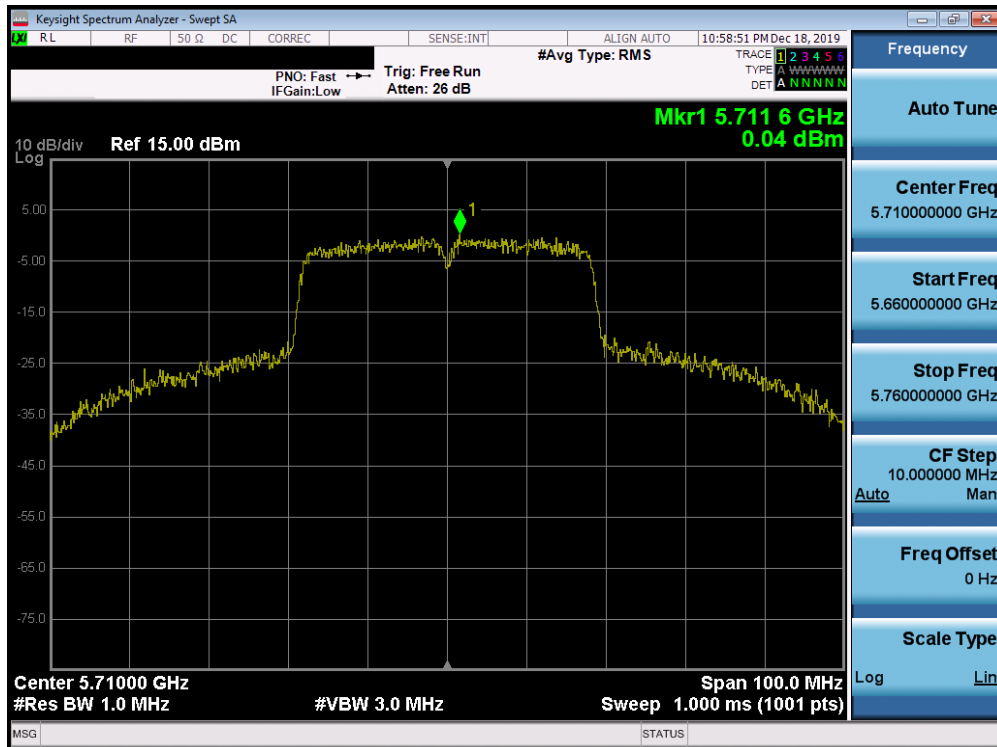


Plot 7-314. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 102)

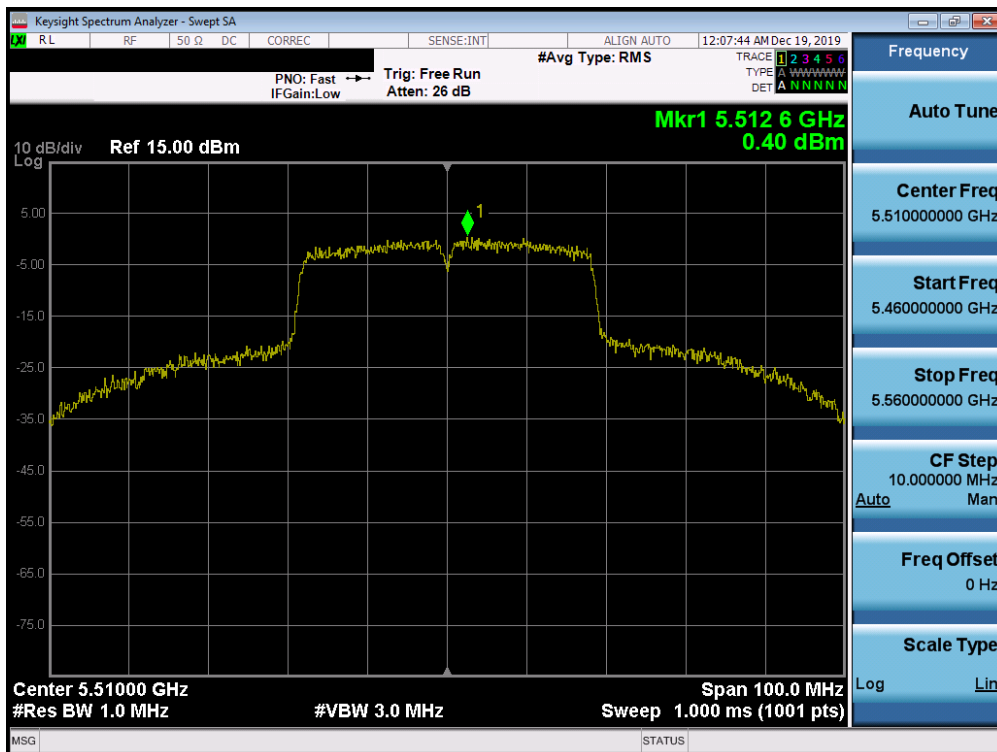


Plot 7-315. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 118)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 192 of 291

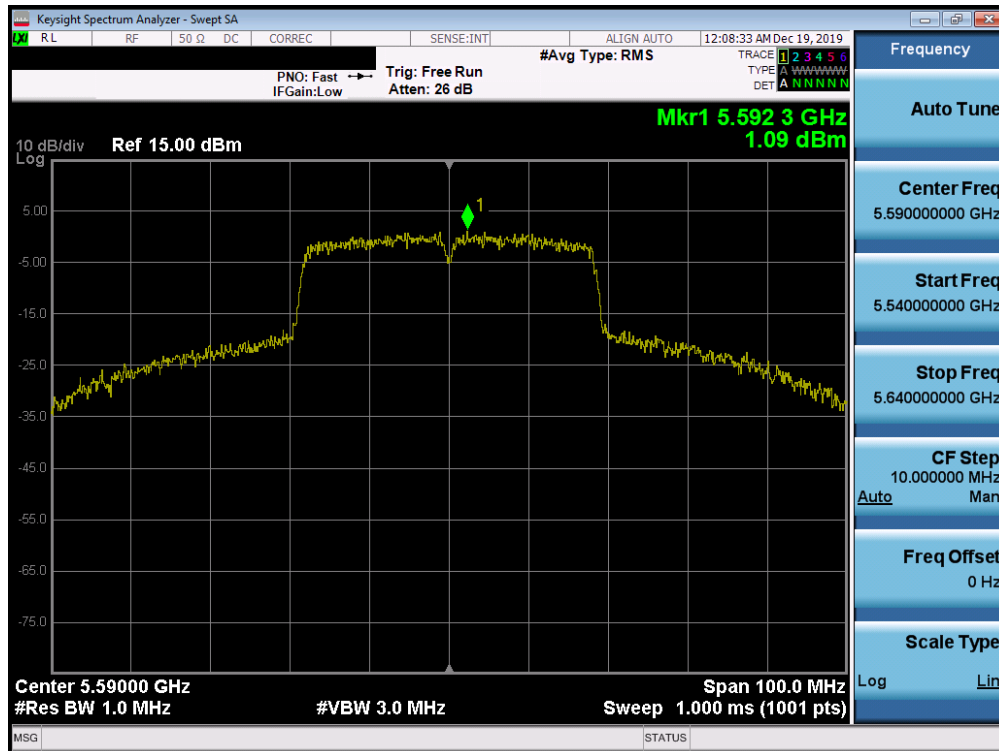


Plot 7-316. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) – Ch. 142)

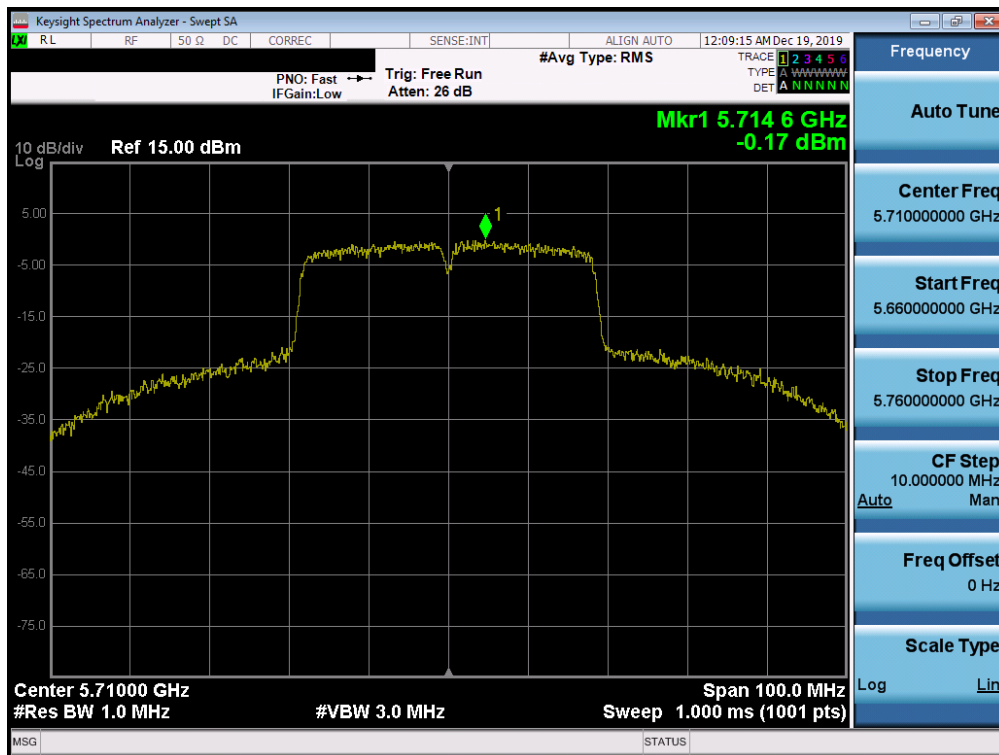


Plot 7-317. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 102)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 193 of 291

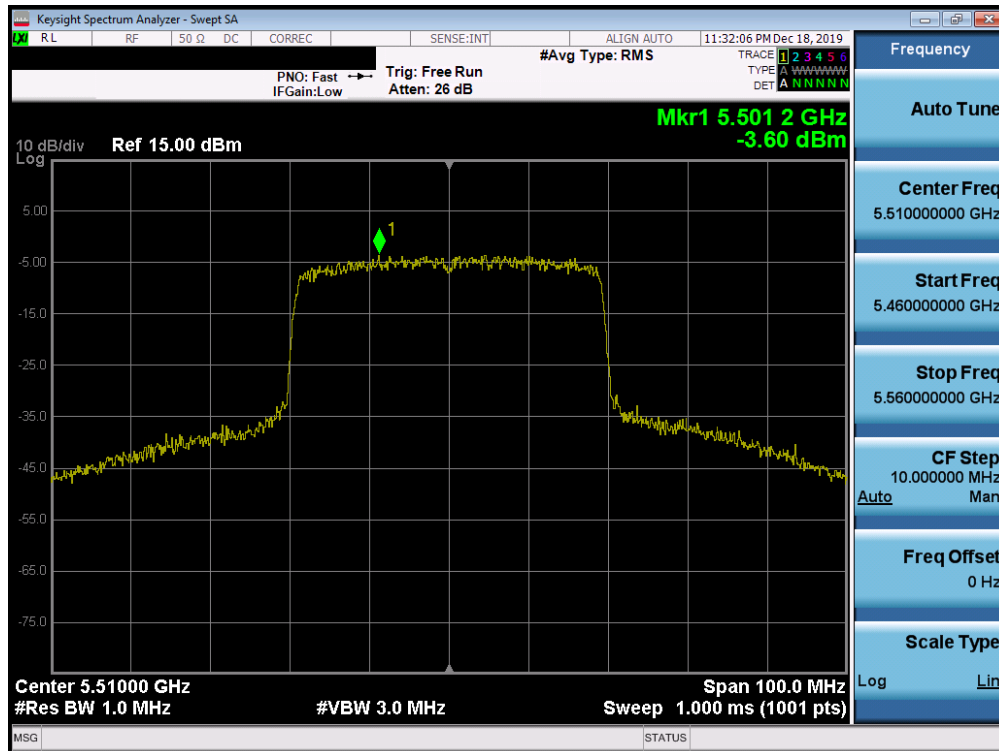


Plot 7-318. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 118)

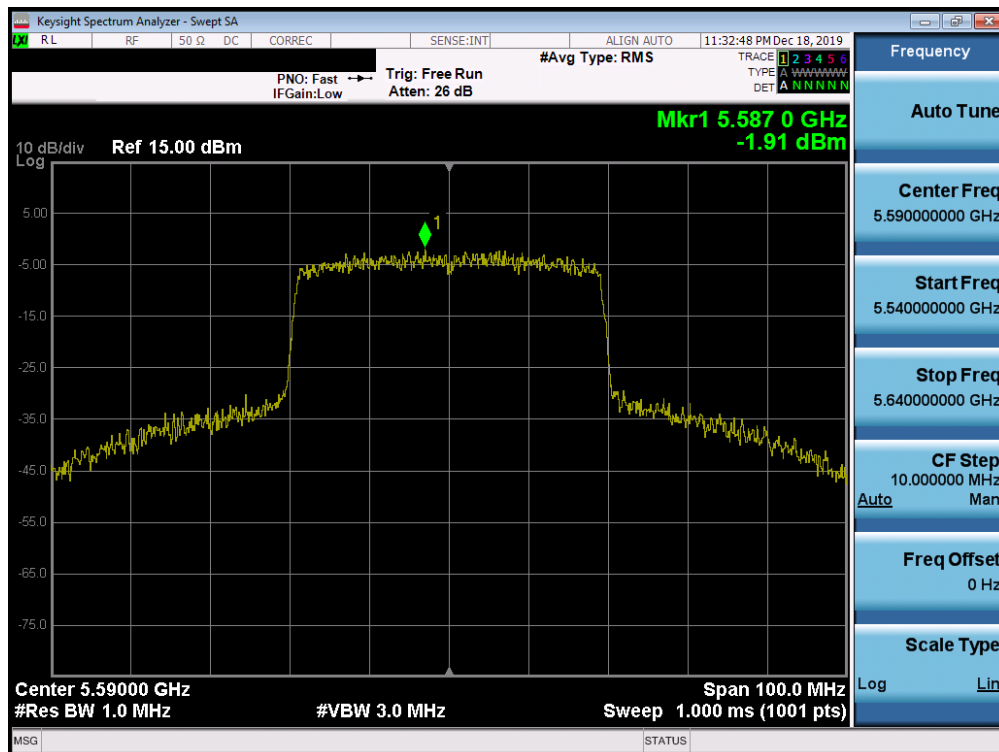


Plot 7-319. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ac (UNII Band 2C) – Ch. 142)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 194 of 291

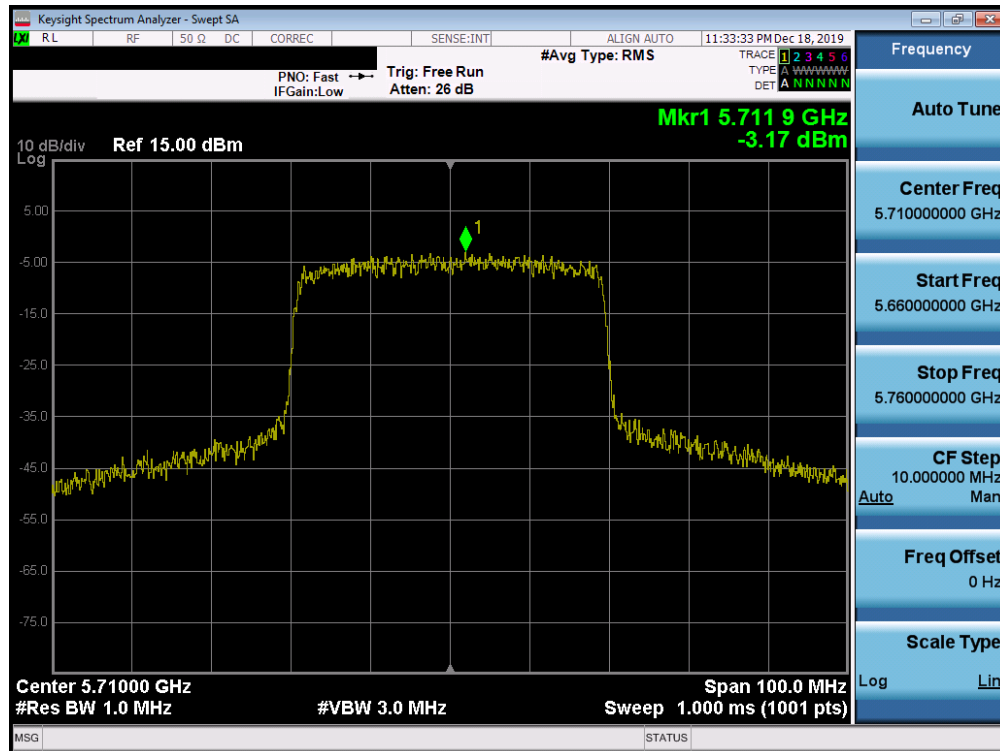


Plot 7-320. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 102)

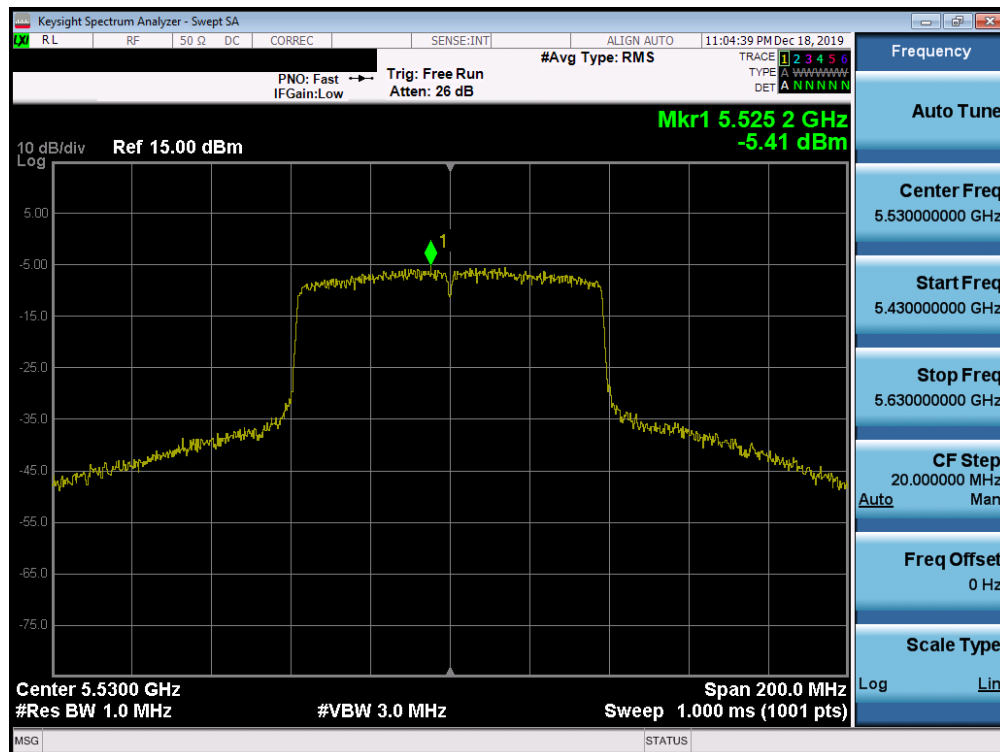


Plot 7-321. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 118)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 195 of 291

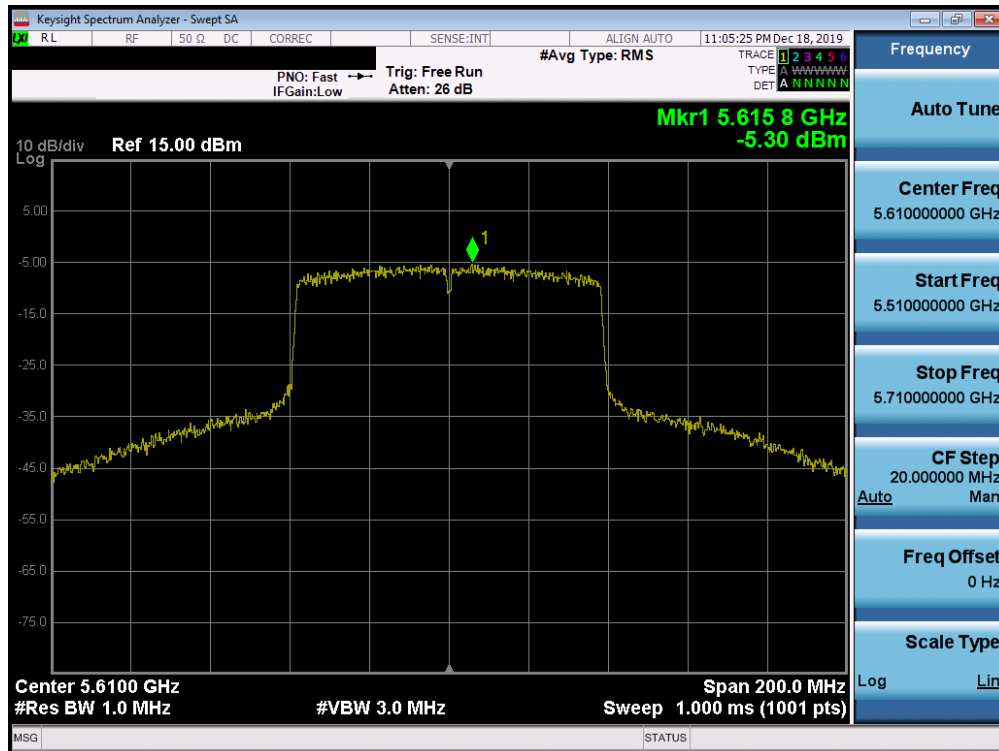


Plot 7-322. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) – Ch. 142)

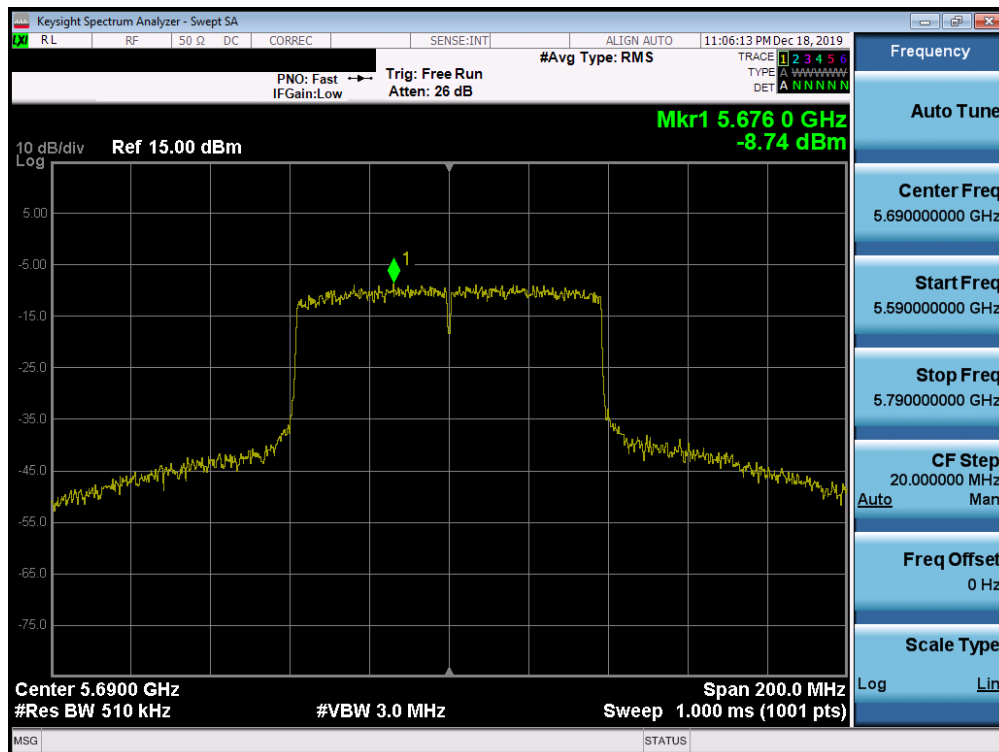


Plot 7-323. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 106)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 196 of 291



Plot 7-324. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 122)



Plot 7-325. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) – Ch. 138)

FCC ID: ZNFV600TM	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1911250198-08.ZNF	Test Dates: 11/26/2019 - 1/19/2020	EUT Type: Portable Handset		Page 197 of 291