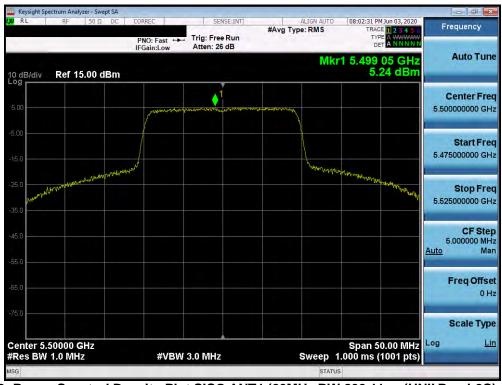


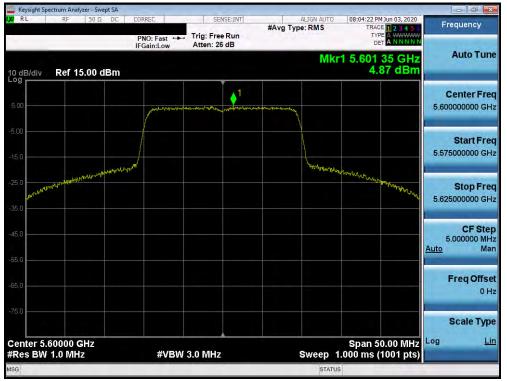
Plot 7-162. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 2C) - Ch. 144)



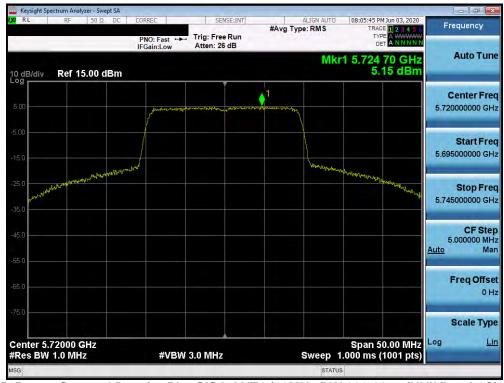
Plot 7-163. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 100)

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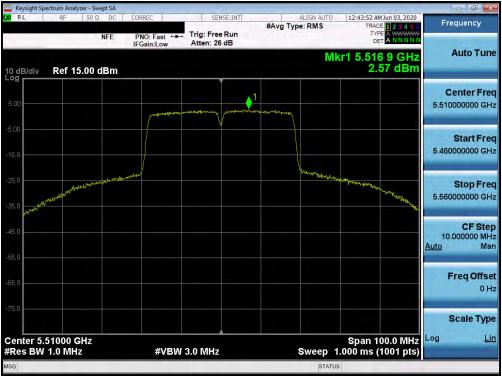
Plot 7-164. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 120)



Plot 7-165. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 120)

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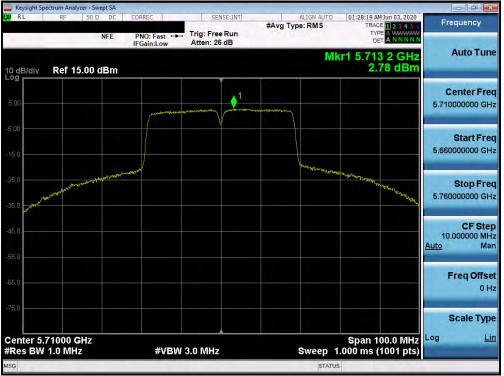
Plot 7-166. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) - Ch. 102)



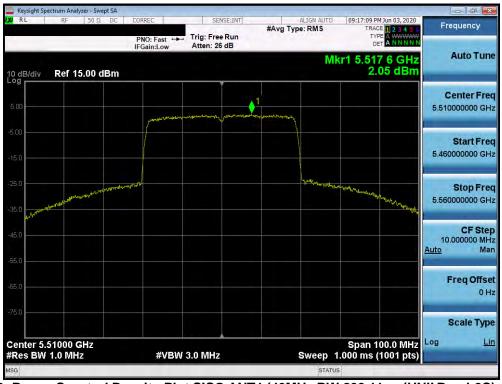
Plot 7-167. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) - Ch. 118)

FCC ID: A3LSMN986U	PCTEST Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-168. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 2C) - Ch. 142)



Plot 7-169. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 102)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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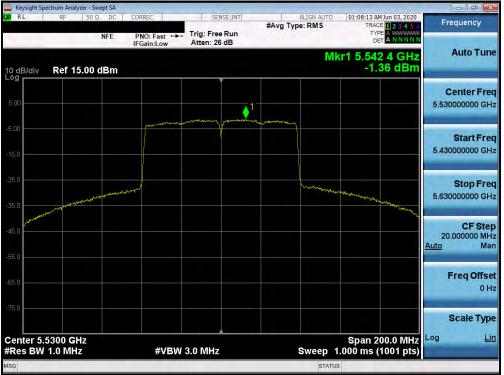
Plot 7-170. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 118)



Plot 7-171. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 142)

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Plot 7-172. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 106)



Plot 7-173. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 122)

FCC ID: A3LSMN986U	PCTEST Poud to be part of ®	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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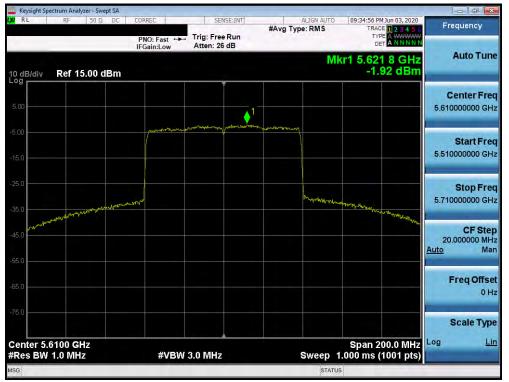
Plot 7-174. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 138)



Plot 7-175. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 106)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-176. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 122)



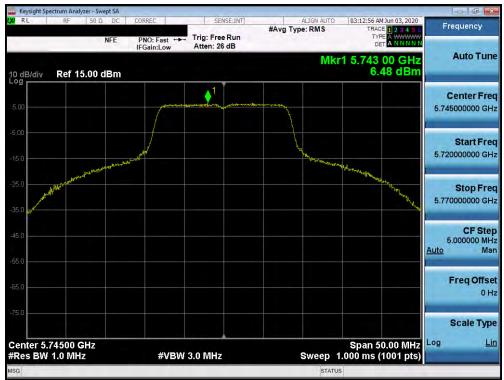
Plot 7-177. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 138)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	а	6	6.48	30.0	-23.52
	5785	157	а	6	6.71	30.0	-23.29
	5825	165	а	6	5.89	30.0	-24.11
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	6.19	30.0	-23.81
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	5.98	30.0	-24.02
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	5.51	30.0	-24.49
3	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	5.41	30.0	-24.59
Band	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	5.30	30.0	-24.70
ä	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	5.53	30.0	-24.47
	5755	151	n (40MHz)	13.5/15 (MCS0)	2.60	30.0	-27.40
	5795	159	n (40MHz)	13.5/15 (MCS0)	2.45	30.0	-27.55
	5755	151	ax (40MHz)	13.5/15 (MCS0)	1.86	30.0	-28.14
	5795	159	ax (40MHz)	13.5/15 (MCS0)	1.68	30.0	-28.32
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-14.20	30.0	-44.20
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-2.14	30.0	-32.14

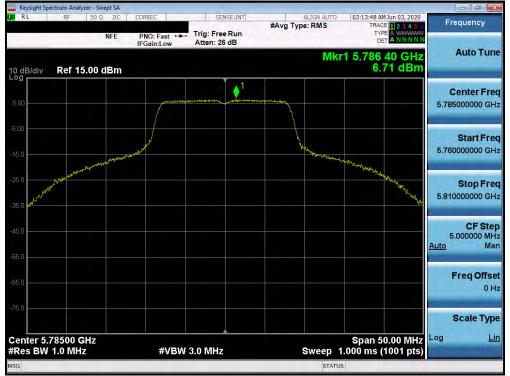
Table 7-23. Band 3 Conducted Power Spectral Density Measurements SISO ANT1



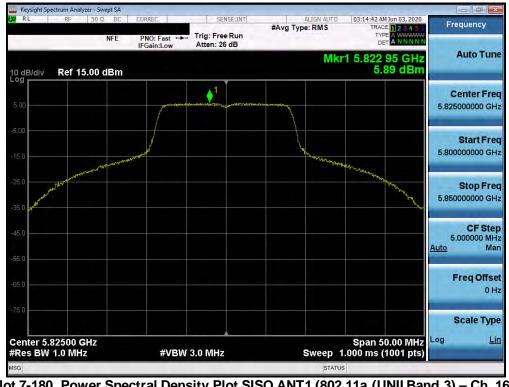
Plot 7-178. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) - Ch. 149)

FCC ID: A3LSMN986U	PCTEST Poud to be part of ®	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	<b>Approved by:</b> Quality Manager
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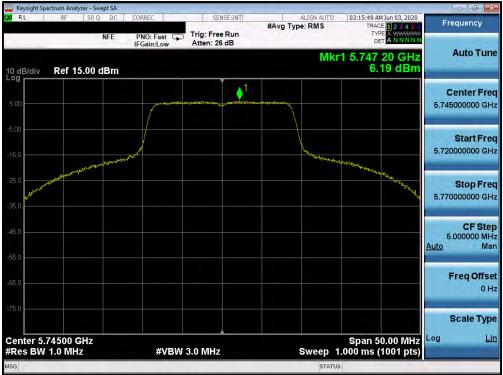
Plot 7-179. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) - Ch. 157)



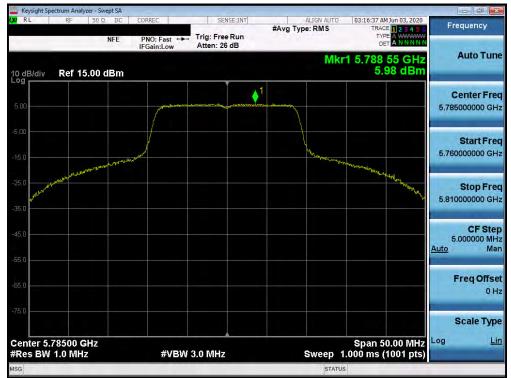
Plot 7-180. Power Spectral Density Plot SISO ANT1 (802.11a (UNII Band 3) - Ch. 165)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
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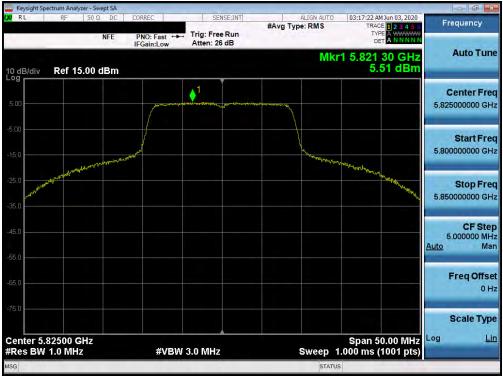
Plot 7-181. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) - Ch. 149)



Plot 7-182. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) - Ch. 157)

FCC ID: A3LSMN986U	PCTEST Poud to be port of 8	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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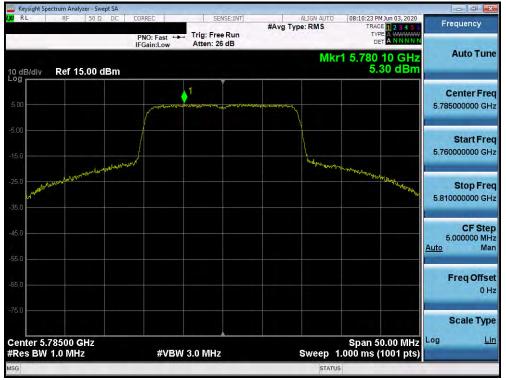
Plot 7-183. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11n (UNII Band 3) - Ch. 165)



Plot 7-184. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) - Ch. 149)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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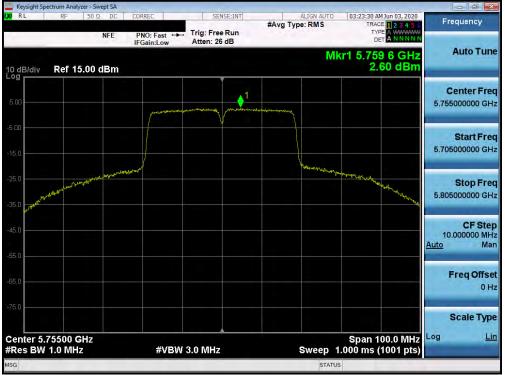
Plot 7-185. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) - Ch. 157)



Plot 7-186. Power Spectral Density Plot SISO ANT1 (20MHz BW 802.11ax (UNII Band 3) - Ch. 165)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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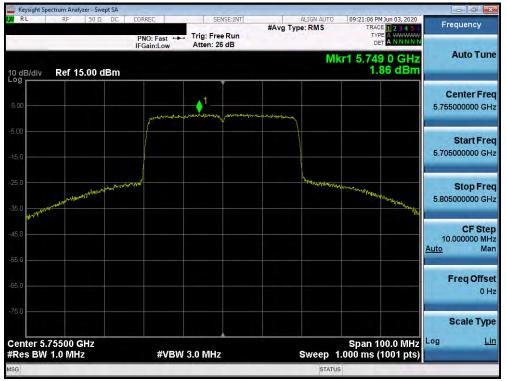
Plot 7-187. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) - Ch. 151)



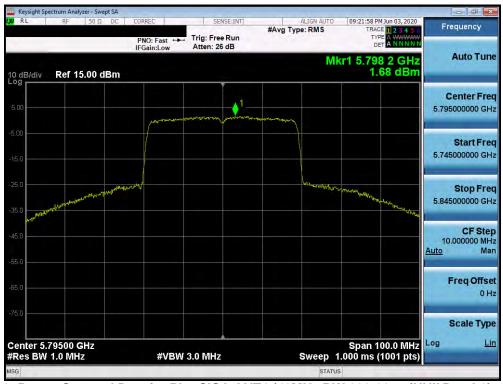
Plot 7-188. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11n (UNII Band 3) - Ch. 159)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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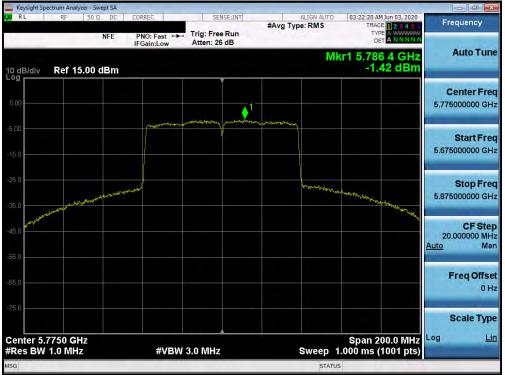
Plot 7-189. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) - Ch. 151)



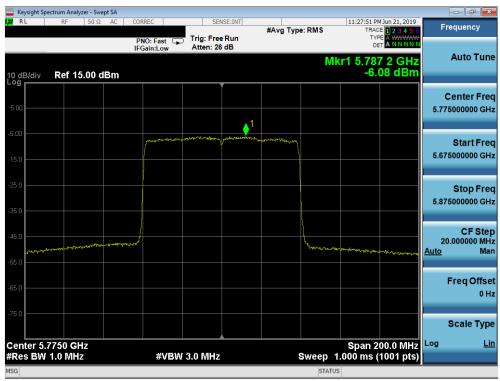
Plot 7-190. Power Spectral Density Plot SISO ANT1 (40MHz BW 802.11ax (UNII Band 3) - Ch. 159)

FCC ID: A3LSMN986U	PCTEST Poud to be part of ®	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	<b>Approved by:</b> Quality Manager	
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Plot 7-191. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ac (UNII Band 3) - Ch. 155)



Plot 7-192. Power Spectral Density Plot SISO ANT1 (80MHz BW 802.11ax (UNII Band 3) - Ch. 155)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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## SISO Antenna-2 Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density	Max Power Density	Margin [dB]
		00	_	0	[dBm]	[dBm/MHz]	
	5180	36	a	6	6.18	11.0	-4.82
	5200	40	a	6	6.29	11.0	-4.71
	5240	48	a ~ (20ML=)	6	6.58	11.0	-4.42
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	5.78	11.0	-5.22
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	5.95	11.0	-5.05
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	6.35	11.0	-4.65
Band 1	5180	36 40	ax (20MHz)	6.5/7.2 (MCS0)	4.76	11.0 11.0	-6.24
Ban	5200		ax (20MHz)	6.5/7.2 (MCS0)	5.13		-5.87
_	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	5.60	11.0	-5.40
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.81	11.0	-9.19
	5230	46	n (40MHz)	13.5/15 (MCS0)	1.96	11.0	-9.04
	5190	38	ax (40MHz)	13.5/15 (MCS0)	2.12	11.0	-8.88
	5230	46	ax (40MHz)	13.5/15 (MCS0)	2.24	11.0	-8.76
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.32	11.0	-12.32
	5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-2.02	11.0	-13.02
	5260	52	а	6	7.00	11.0	-4.00
	5280	56	а	6	6.87	11.0	-4.13
	5320	64	a	6	6.55	11.0	-4.45
	5260	52	n (20MHz)	6.5/7.2 (MCS0)	6.69	11.0	-4.31
	5280	56	n (20MHz)	6.5/7.2 (MCS0)	6.58	11.0	-4.42
	5320	64	n (20MHz)	6.5/7.2 (MCS0)	6.11	11.0	-4.89
124	5260	52	ax (20MHz)	6.5/7.2 (MCS0)	5.58	11.0	-5.42
Band 2A	5280	56	ax (20MHz)	6.5/7.2 (MCS0)	5.72	11.0	-5.28
ß	5320	64	ax (20MHz)	6.5/7.2 (MCS0)	5.22	11.0	-5.78
	5270	54	n (40MHz)	13.5/15 (MCS0)	1.89	11.0	-9.11
	5310	62	n (40MHz)	13.5/15 (MCS0)	2.77	11.0	-8.23
	5270	54	ax (40MHz)	13.5/15 (MCS0)	2.35	11.0	-8.65
	5310	62	ax (40MHz)	13.5/15 (MCS0)	1.86	11.0	-9.14
	5290	58	ac (80MHz)	29.3/32.5 (MCS0)	-1.76	11.0	-12.76
	5290	58	ax (80MHz)	29.3/32.5 (MCS0)	-1.70	11.0	-12.70
	5500	100	а	6	6.24	11.0	-4.76
	5600	120	а	6	5.55	11.0	-5.45
	5720	144	а	6	6.04	11.0	-4.96
	5500	100	n (20MHz)	6.5/7.2 (MCS0)	5.75	11.0	-5.25
	5600	120	n (20MHz)	6.5/7.2 (MCS0)	5.28	11.0	-5.72
	5720	144	n (20MHz)	6.5/7.2 (MCS0)	5.89	11.0	-5.11
	5500	100	ax (20MHz)	6.5/7.2 (MCS0)	5.12	11.0	-5.88
	5600	120	ax (20MHz)	6.5/7.2 (MCS0)	4.40	11.0	-6.60
	5720	144	ax (20MHz)	6.5/7.2 (MCS0)	4.89	11.0	-6.11
20	5510	102	n (40MHz)	13.5/15 (MCS0)	2.52	11.0	-8.48
Band 2C	5590	118	n (40MHz)	13.5/15 (MCS0)	1.78	11.0	-9.22
ä	5710	142	n (40MHz)	13.5/15 (MCS0)	2.17	11.0	-8.83
	5510	102	ax (40MHz)	13.5/15 (MCS0)	1.91	11.0	-9.09
	5590	118	ax (40MHz)	13.5/15 (MCS0)	1.14	11.0	-9.86
	5710	142	ax (40MHz)	13.5/15 (MCS0)	1.56	11.0	-9.44
	5530	106	ac (80MHz)	29.3/32.5 (MCS0)	-1.15	11.0	-12.15
	5610	122	ac (80MHz)	29.3/32.5 (MCS0)	-1.55	11.0	-12.55
	5690	138	ac (80MHz)	29.3/32.5 (MCS0)	-1.39	11.0	-12.39
	5530	106	ax (80MHz)	29.3/32.5 (MCS0)	-2.60	11.0	-13.60
	5610	122	ax (80MHz)	29.3/32.5 (MCS0)	-2.28	11.0	-13.28
	5690	138	ax (80MHz)	29.3/32.5 (MCS0) Spectral Dens	-1.92	11.0	-12.92

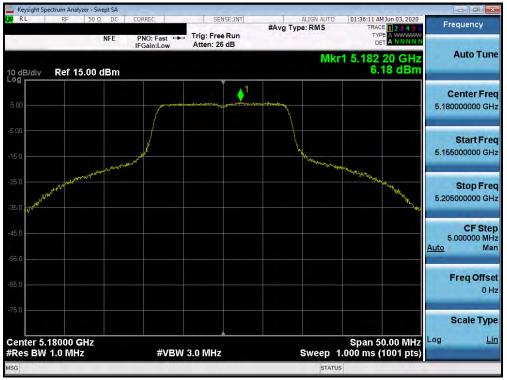
Table 7-24. Conducted Power Spectral Density Measurements SISO ANT2

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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-	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
	5180	36	а	6	6.18	-5.46	0.72	10.0	-9.28
	5200	40	а	6	6.29	-5.46	0.83	10.0	-9.17
	5240	48	а	6	6.58	-5.46	1.12	10.0	-8.88
	5180	36	n (20MHz)	6.5/7.2 (MCS0)	5.78	-5.46	0.32	10.0	-9.68
	5200	40	n (20MHz)	6.5/7.2 (MCS0)	5.95	-5.46	0.49	10.0	-9.51
	5240	48	n (20MHz)	6.5/7.2 (MCS0)	6.35	-5.46	0.89	10.0	-9.11
-	5180	36	ax (20MHz)	6.5/7.2 (MCS0)	4.76	-5.46	-0.70	10.0	-10.70
Band	5200	40	ax (20MHz)	6.5/7.2 (MCS0)	5.13	-5.46	-0.33	10.0	-10.33
ä	5240	48	ax (20MHz)	6.5/7.2 (MCS0)	5.60	-5.46	0.14	10.0	-9.86
	5190	38	n (40MHz)	13.5/15 (MCS0)	1.81	-5.46	-3.65	10.0	-13.65
	5230	46	n (40MHz)	13.5/15 (MCS0)	1.96	-5.46	-3.50	10.0	-13.50
	5190	38	ax (40MHz)	13.5/15 (MCS0)	2.12	-5.46	-3.34	10.0	-13.34
	5230	46	ax (40MHz)	13.5/15 (MCS0)	2.24	-5.46	-3.22	10.0	-13.22
	5210	42	ac (80MHz)	29.3/32.5 (MCS0)	-1.32	-5.46	-6.78	10.0	-16.78
	5210	42	ax (80MHz)	29.3/32.5 (MCS0)	-2.02	-5.46	-7.48	10.0	-17.48

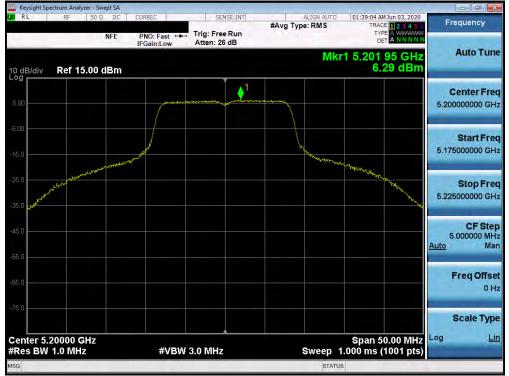
Table 7-25. Band 1 e.i.r.p. Conducted Power Spectral Density Measurements (ISED) SISO ANT2



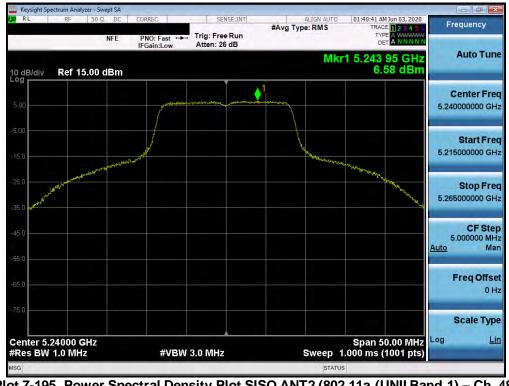
Plot 7-193. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) - Ch. 36)

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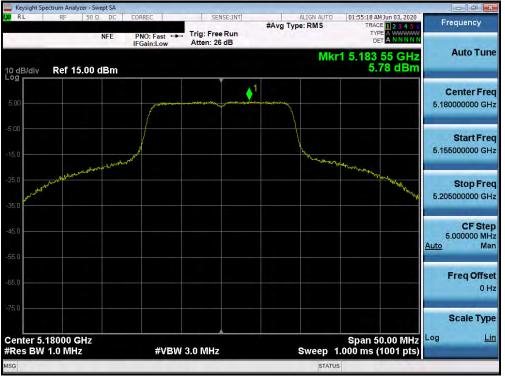
Plot 7-194. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) - Ch. 40)



Plot 7-195. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 1) - Ch. 48)

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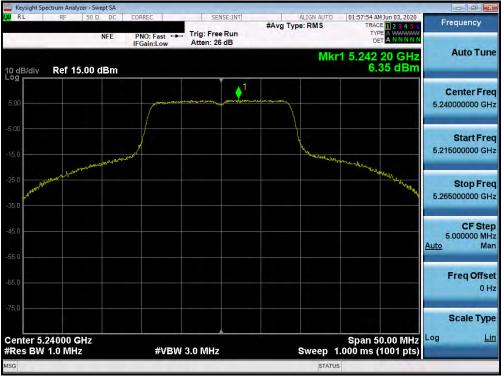
Plot 7-196. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) - Ch. 36)



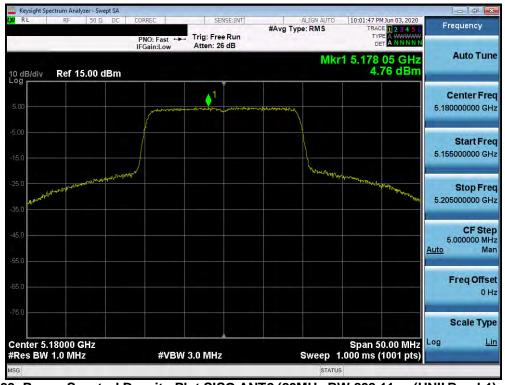
Plot 7-197. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) - Ch. 40)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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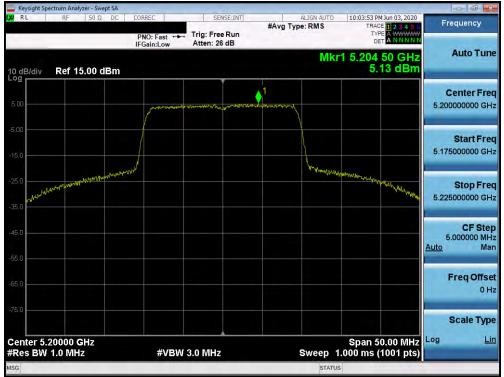
Plot 7-198. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 1) - Ch. 48)



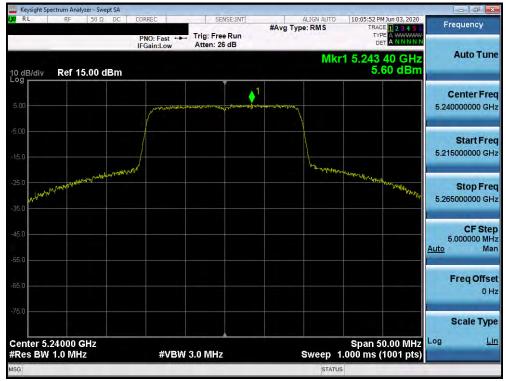
Plot 7-199. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) - Ch. 36)

FCC ID: A3LSMN986U	PCTEST Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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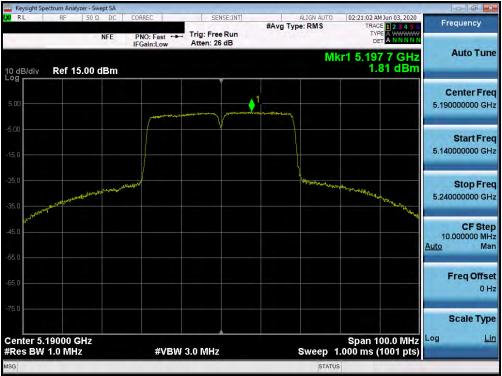
Plot 7-200. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) - Ch. 40)



Plot 7-201. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 1) - Ch. 48)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-202. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) - Ch. 38)



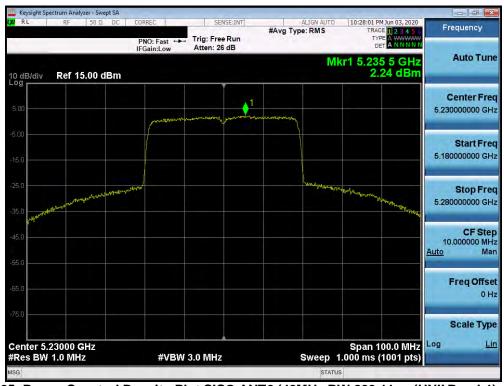
Plot 7-203. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 1) - Ch. 46)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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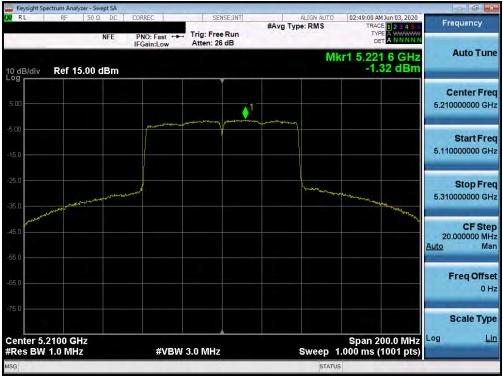
Plot 7-204. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) - Ch. 38)



Plot 7-205. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 1) - Ch. 46)

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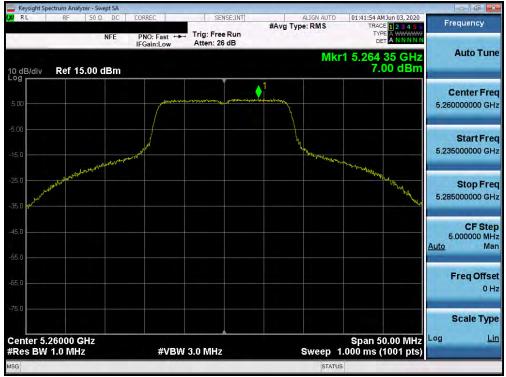
Plot 7-206. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 1) - Ch. 42)



Plot 7-207. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 1) - Ch. 42)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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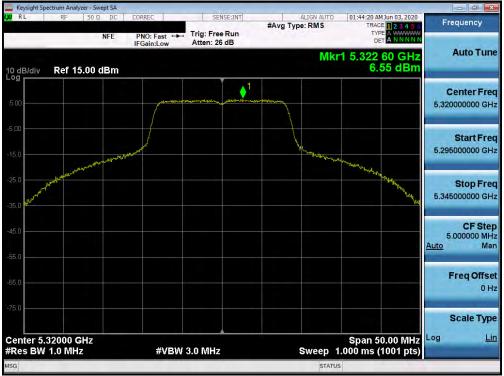
Plot 7-208. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) – Ch. 52)



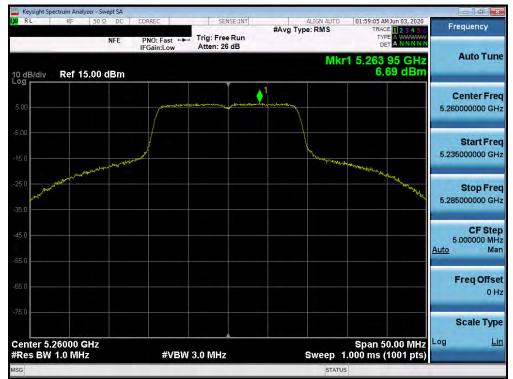
Plot 7-209. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) - Ch. 56)

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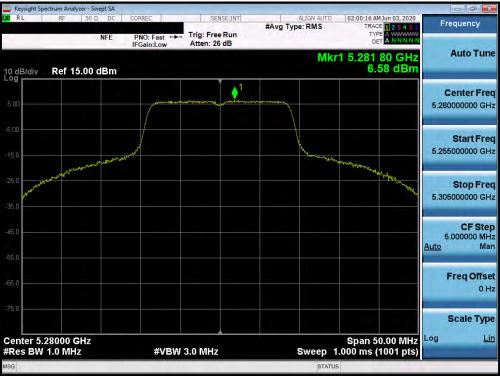
Plot 7-210. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2A) - Ch. 64)



Plot 7-211. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) - Ch. 52)

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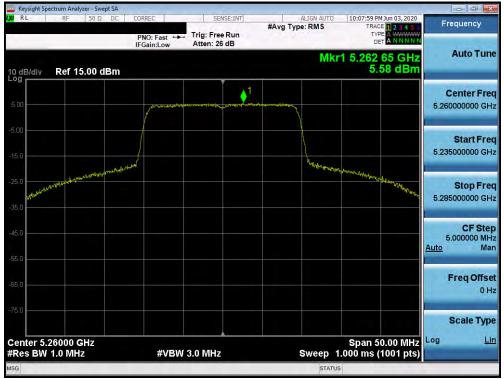
Plot 7-212. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) - Ch. 56)



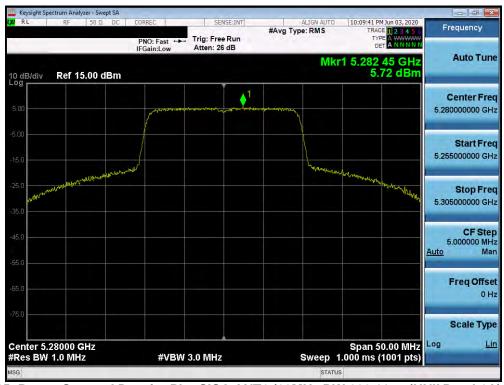
Plot 7-213. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2A) - Ch. 64)

FCC ID: A3LSMN986U	PCTEST Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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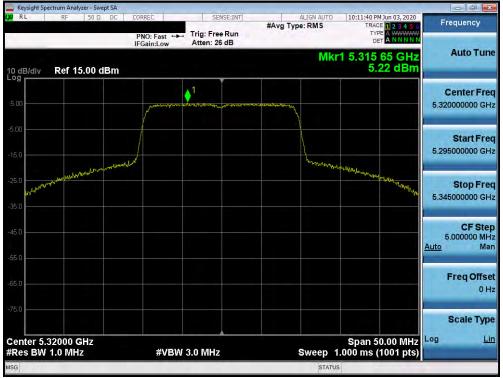
Plot 7-214. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) - Ch. 52)



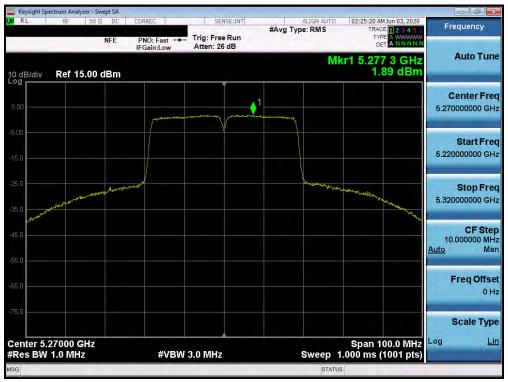
Plot 7-215. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) - Ch. 56)

FCC ID: A3LSMN986U	PCTEST Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SUNG	Approved by: Quality Manager
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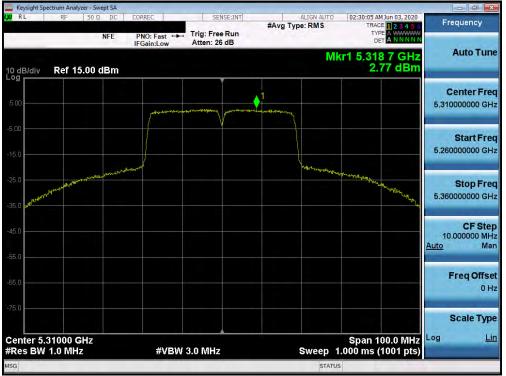
Plot 7-216. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2A) - Ch. 64)



Plot 7-217. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) - Ch. 54)

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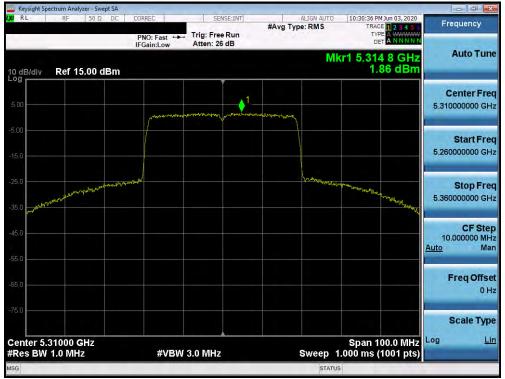
Plot 7-218. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2A) - Ch. 62)



Plot 7-219. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) - Ch. 54)

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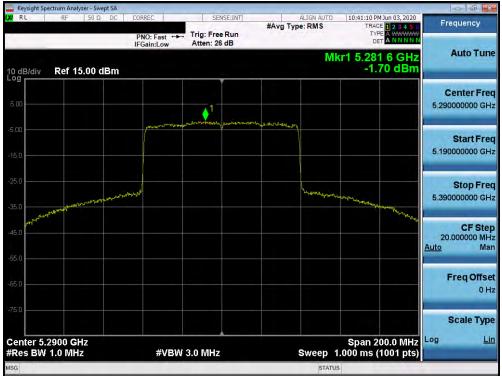
Plot 7-220. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2A) - Ch. 62)



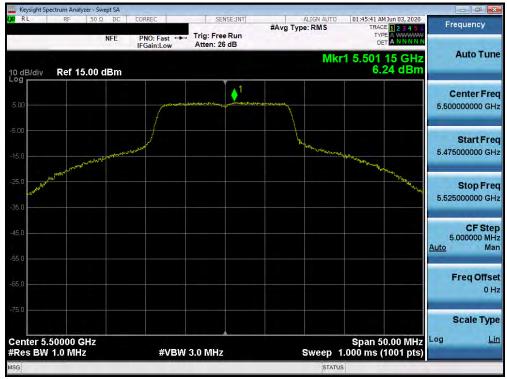
Plot 7-221. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2A) - Ch. 58)

FCC ID: A3LSMN986U	Proud to be part of S	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-222. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2A) - Ch. 58)



Plot 7-223. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) - Ch. 100)

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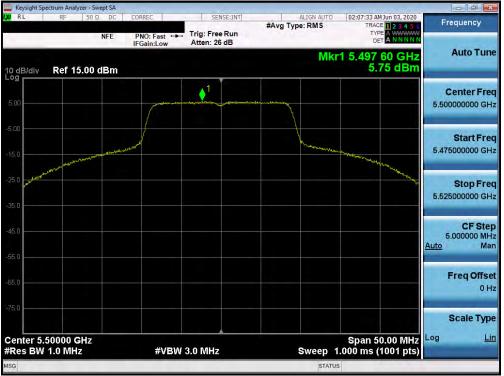
Plot 7-224. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) - Ch. 120)



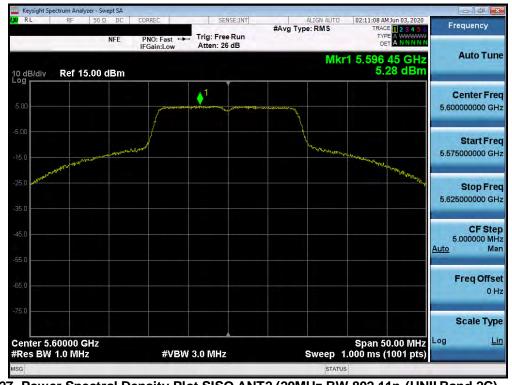
Plot 7-225. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 2C) - Ch. 144)

FCC ID: A3LSMN986U	PCTEST Poud to be part of ®	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
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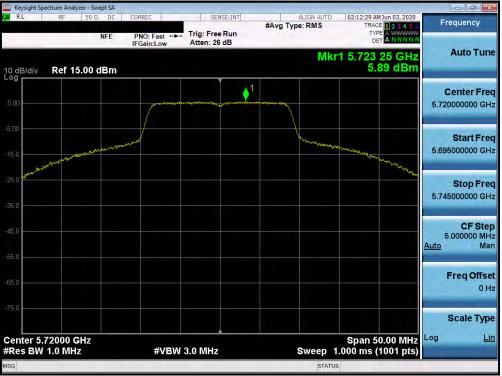
Plot 7-226. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) - Ch. 100)



Plot 7-227. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) - Ch. 120)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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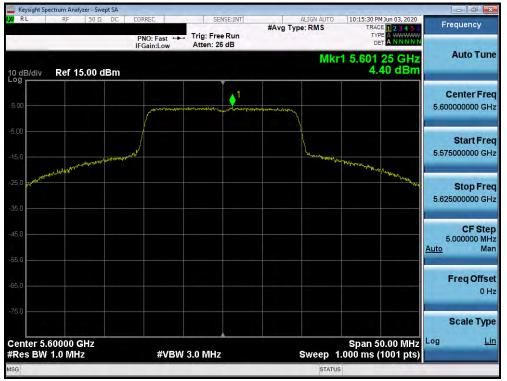
Plot 7-228. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 2C) - Ch. 144)



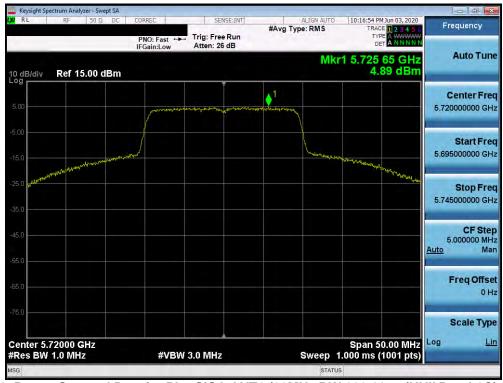
Plot 7-229. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 100)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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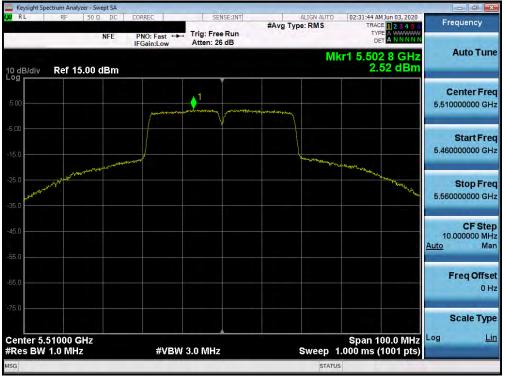
Plot 7-230. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 120)



Plot 7-231. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 2C) - Ch. 144)

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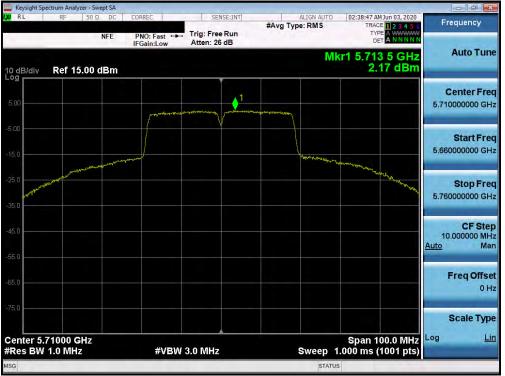
Plot 7-232. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) - Ch. 102)



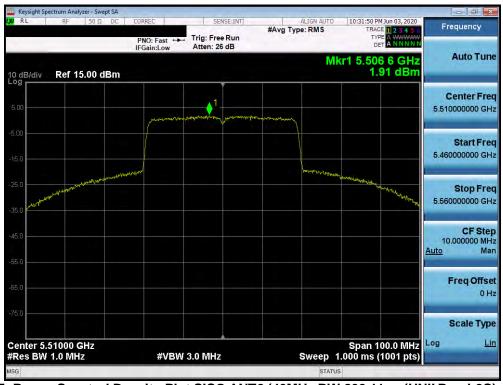
Plot 7-233. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) - Ch. 118)

FCC ID: A3LSMN986U	PCTEST Proud to be part of @	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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Plot 7-234. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11n (UNII Band 2C) - Ch. 142)



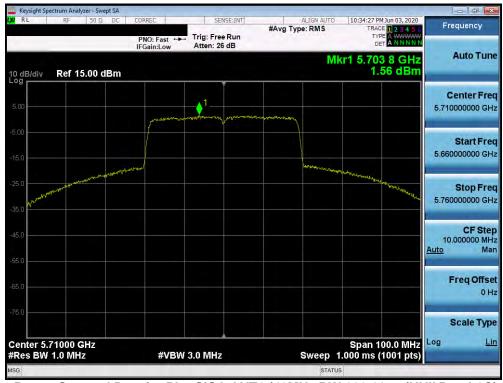
Plot 7-235. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 102)

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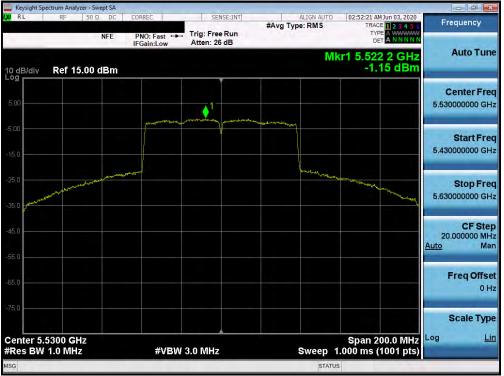
Plot 7-236. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 118)



Plot 7-237. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (UNII Band 2C) - Ch. 142)

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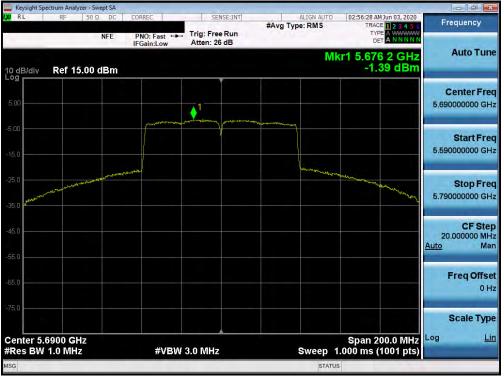
Plot 7-238. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 106)



Plot 7-239. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 122)

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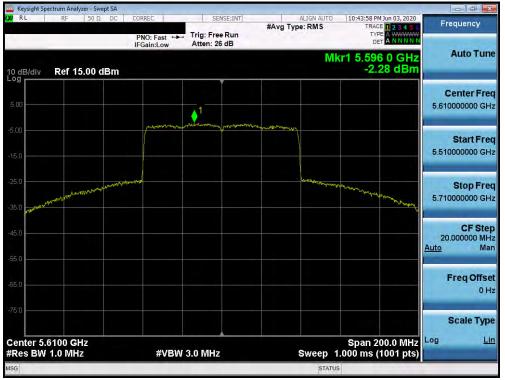
Plot 7-240. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ac (UNII Band 2C) - Ch. 138)



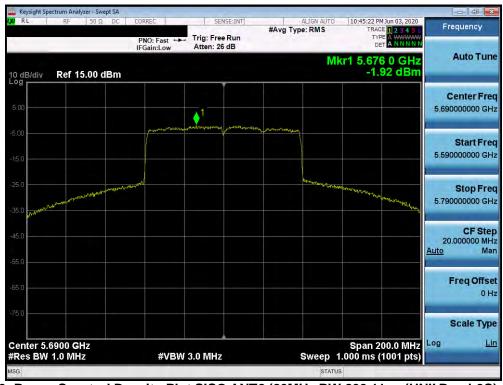
Plot 7-241. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 106)

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Plot 7-242. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 122)



Plot 7-243. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (UNII Band 2C) - Ch. 138)

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	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	а	6	6.39	30.0	-23.61
	5785	157	а	6	6.87	30.0	-23.13
	5825	165	а	6	6.41	30.0	-23.59
	5745	149	n (20MHz)	6.5/7.2 (MCS0)	6.00	30.0	-24.00
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	6.50	30.0	-23.50
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	6.06	30.0	-23.94
3	5745	149	ax (20MHz)	6.5/7.2 (MCS0)	5.08	30.0	-24.92
Band	5785	157	ax (20MHz)	6.5/7.2 (MCS0)	5.45	30.0	-24.55
ß	5825	165	ax (20MHz)	6.5/7.2 (MCS0)	5.35	30.0	-24.65
	5755	151	n (40MHz)	13.5/15 (MCS0)	1.89	30.0	-28.11
	5795	159	n (40MHz)	13.5/15 (MCS0)	1.61	30.0	-28.39
	5755	151	ax (40MHz)	13.5/15 (MCS0)	2.15	30.0	-27.85
	5795	159	ax (40MHz)	13.5/15 (MCS0)	2.22	30.0	-27.78
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	-0.98	30.0	-30.98
	5775	155	ax (80MHz)	29.3/32.5 (MCS0)	-1.55	30.0	-31.55

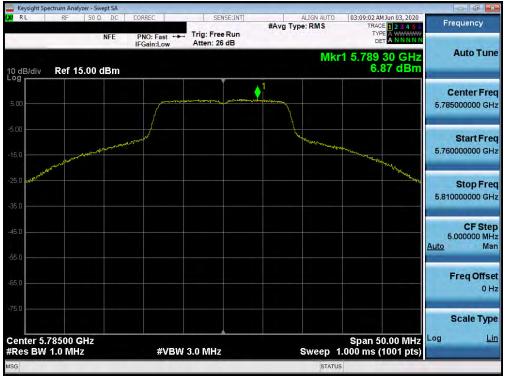
Table 7-26. Band 3 Conducted Power Spectral Density Measurements SISO ANT2



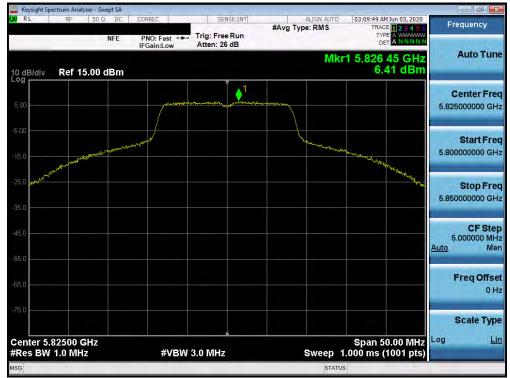
Plot 7-244. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 3) - Ch. 149)

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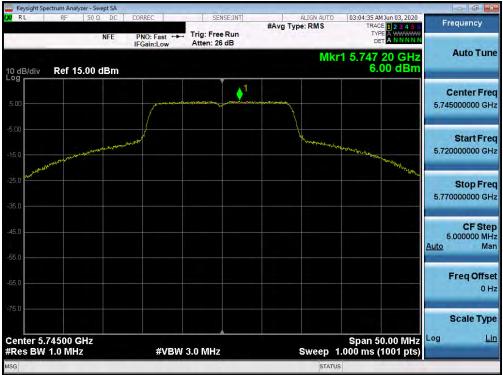
Plot 7-245. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 3) – Ch. 157)



Plot 7-246. Power Spectral Density Plot SISO ANT2 (802.11a (UNII Band 3) - Ch. 165)

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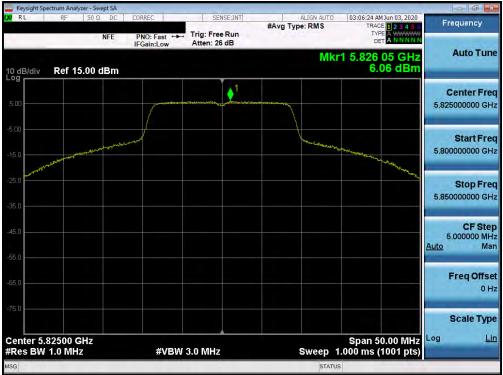
Plot 7-247. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) - Ch. 149)

RL RF 5	0Ω DC	CORREC	SENSE:I		ALIGN AUTO	03:05:27 AM Jun 03, 2020 TRACE 1 2 3 4 5 6	Frequency
	NFE	PNO: Fast ++ IFGain:Low	Atten: 26 dB	in	ype: RIVIS	TYPE A WWWWW DET A NNNNN	
0 dB/div Ref 15.0	0 dBm				Mkr	1 5.786 80 GHz 6.50 dBm	Auto Tune
5.00			geografication and the	1	\ \		Center Free 5.785000000 GH;
5.00 15.0	-stratestratesta	mer			humanan	Weberleman and the dealer	Start Free 5.760000000 GH
35.0						and the second se	Stop Fre 5.810000000 GH
45.0							CF Ste 5.000000 MH <u>Auto</u> Ma
65,0							Freq Offse 0 H
75.0							Scale Typ
Center 5.78500 GH Res BW 1.0 MHz	z	#VBV	v 3.0 MHz		Sweep 1.	Span 50.00 MHz 000 ms (1001 pts)	Log <u>Li</u> i

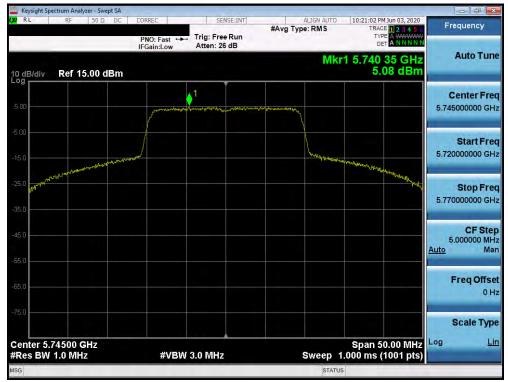
Plot 7-248. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) - Ch. 157)

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Plot 7-249. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11n (UNII Band 3) - Ch. 165)



Plot 7-250. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (UNII Band 3) - Ch. 149)

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