

Plot 7-229. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 42)



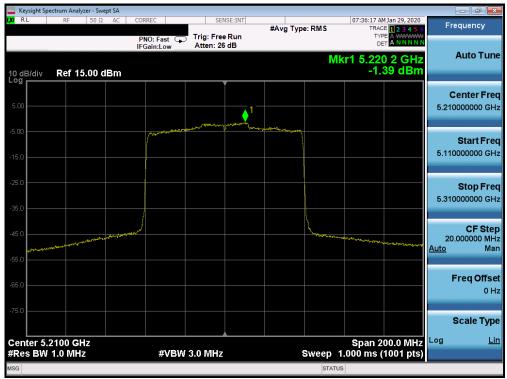
Plot 7-230. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

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Plot 7-231. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)



Plot 7-232. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax - RU996 (UNII Band 1) - Ch. 42)

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Plot 7-233. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 52)



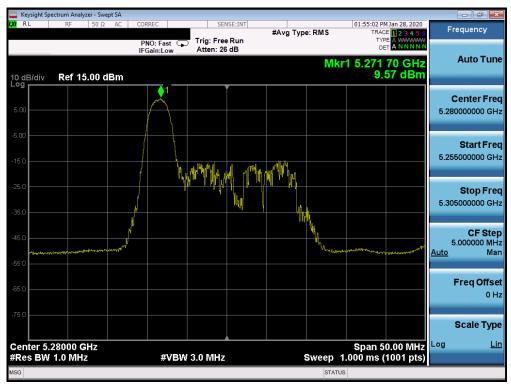
Plot 7-234. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 52)

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Plot 7-235. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 52)



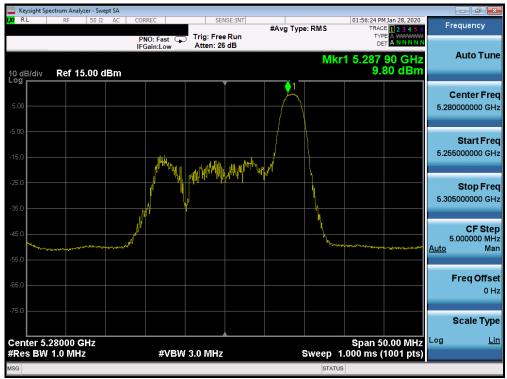
Plot 7-236. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 56)

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Plot 7-237. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 56)



Plot 7-238. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 2A) - Ch. 56)

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Plot 7-239. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 64)



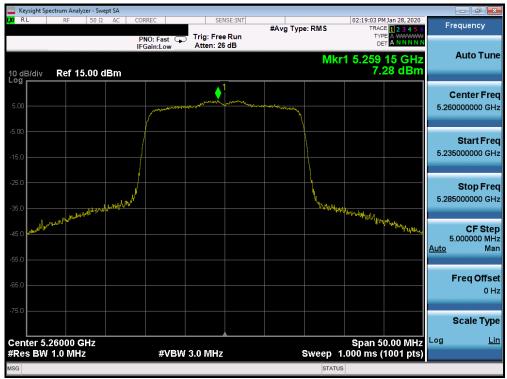
Plot 7-240. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 64)

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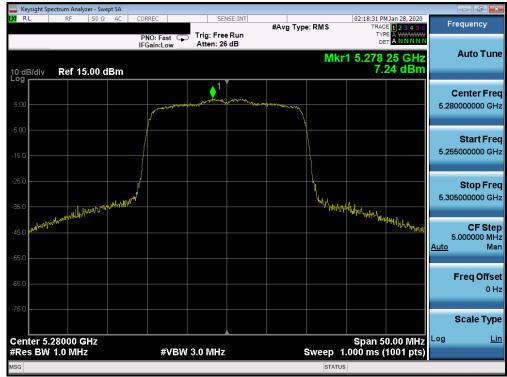
Plot 7-241. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 64)



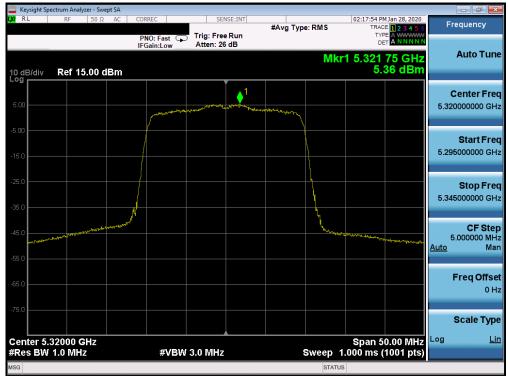
Plot 7-242. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 52)

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Plot 7-243. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 56)



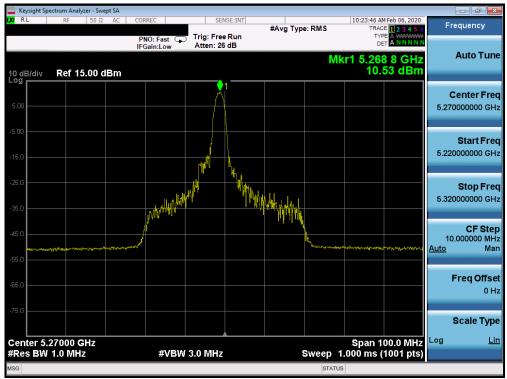
Plot 7-244. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 64)

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Plot 7-245. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 54)



Plot 7-246. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 54)

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Plot 7-247. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 54)



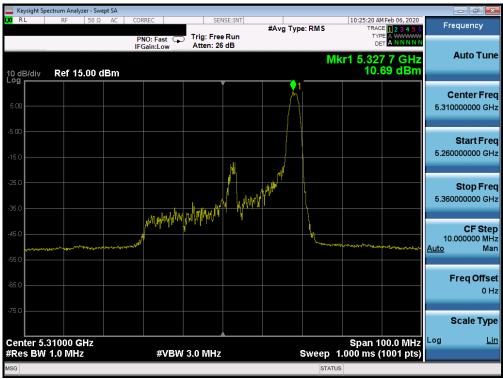
Plot 7-248. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 62)

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Plot 7-249. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 62)



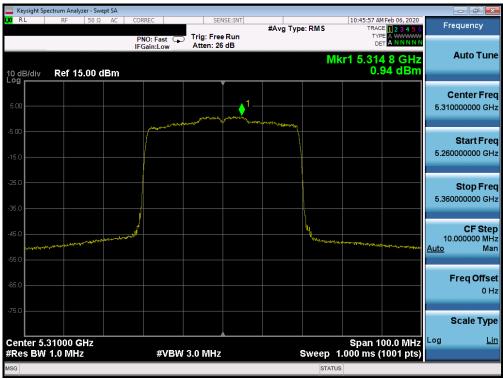
Plot 7-250. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 62)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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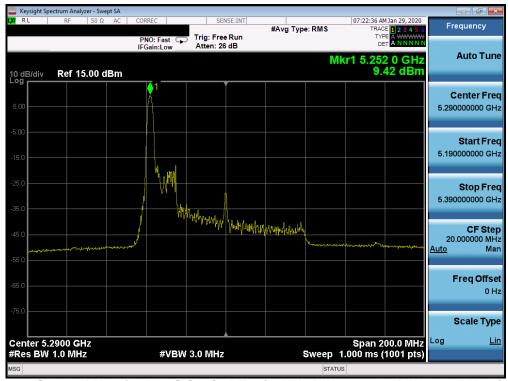
Plot 7-251. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 2A) - Ch. 54)



Plot 7-252. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 2A) - Ch. 62)

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Plot 7-253. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 58)



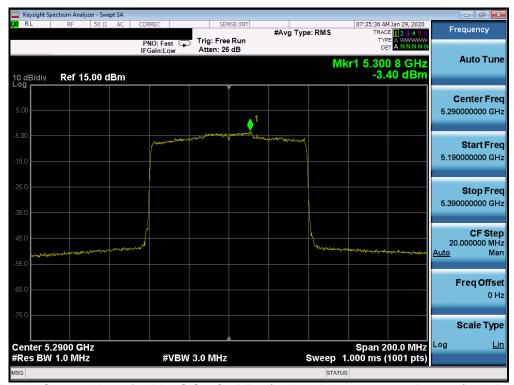
Plot 7-254. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2A) – Ch. 58)

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Plot 7-255. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2A) – Ch. 58)



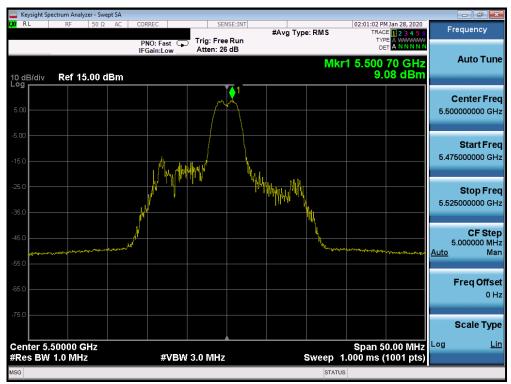
Plot 7-256. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax - RU996 (UNII Band 2A) - Ch. 58)

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Plot 7-257. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 100)



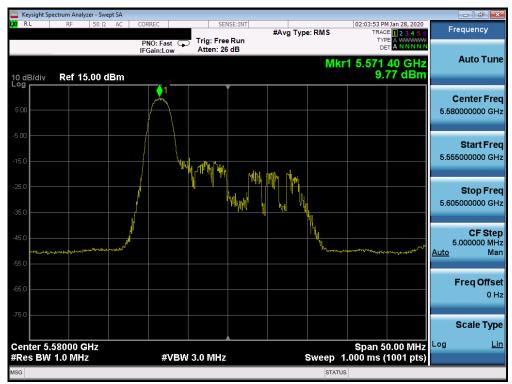
Plot 7-258. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2C) - Ch. 100)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-259. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 100)



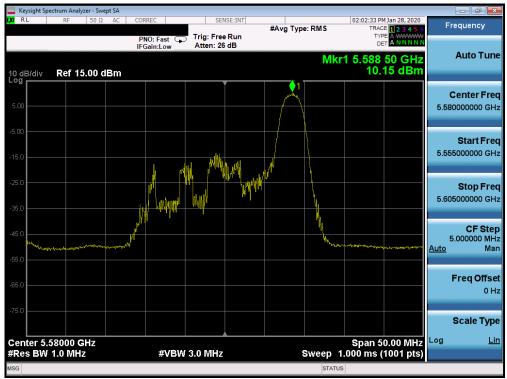
Plot 7-260. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 116)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-261. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2C) - Ch. 116)



Plot 7-262. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 2C) - Ch. 116)

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Plot 7-263. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 144)



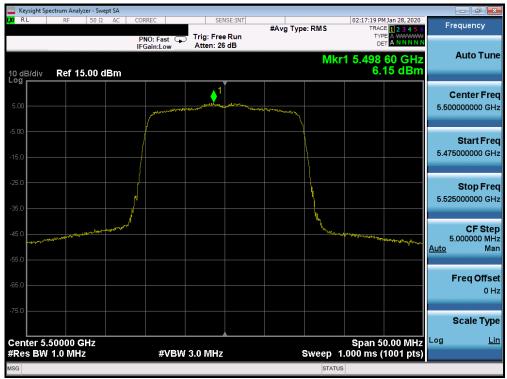
Plot 7-264. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)

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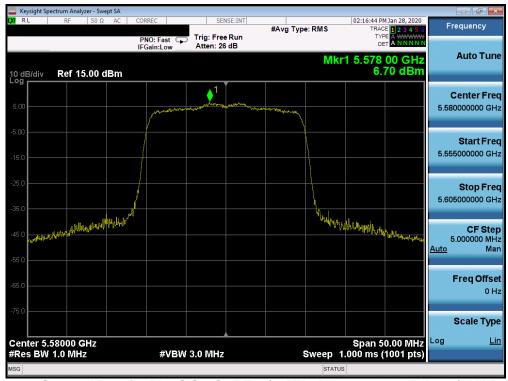
Plot 7-265. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 144)



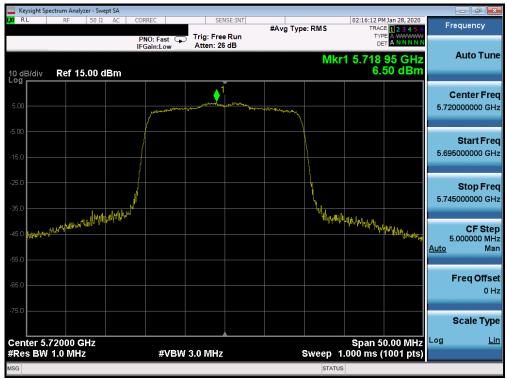
Plot 7-266. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 100)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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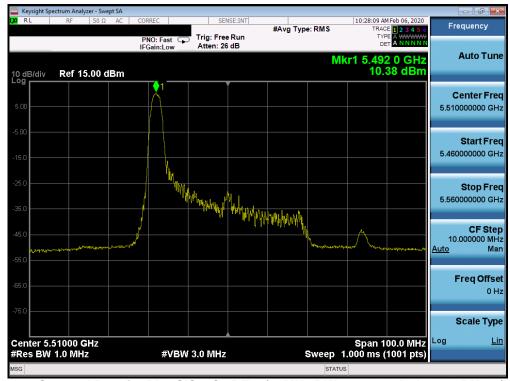
Plot 7-267. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 116)



Plot 7-268. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 144)

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Plot 7-269. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 102)



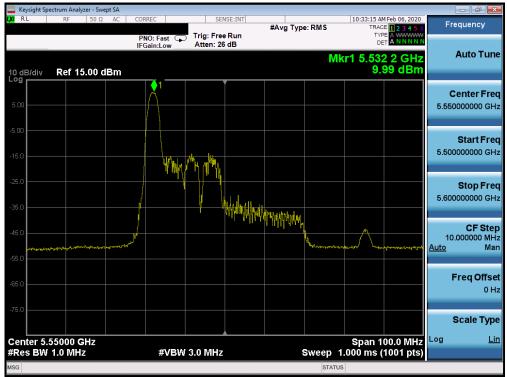
Plot 7-270. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 102)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-271. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)



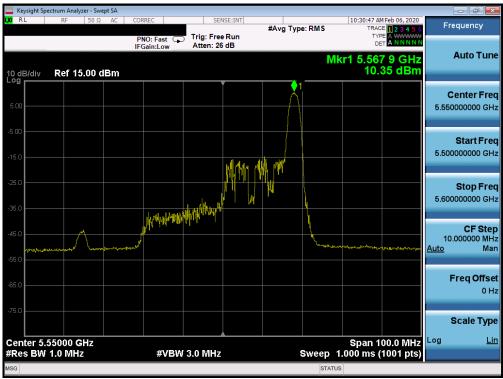
Plot 7-272. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)

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Plot 7-273. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 110)



Plot 7-274. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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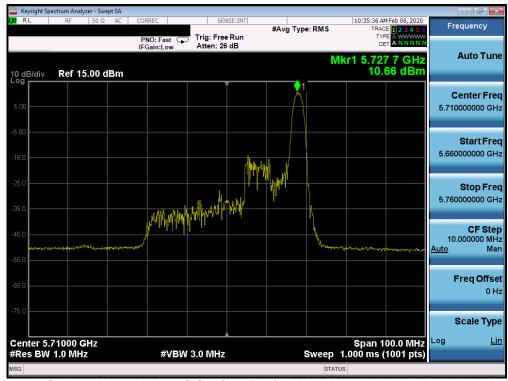
Plot 7-275. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 142)



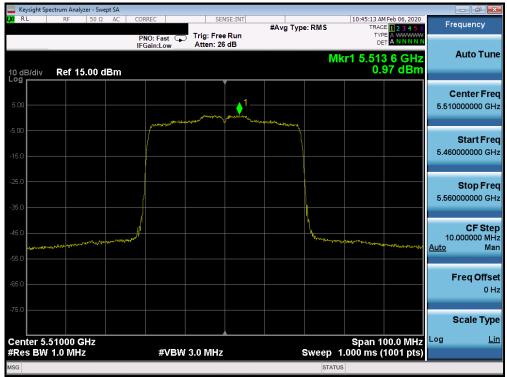
Plot 7-276. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

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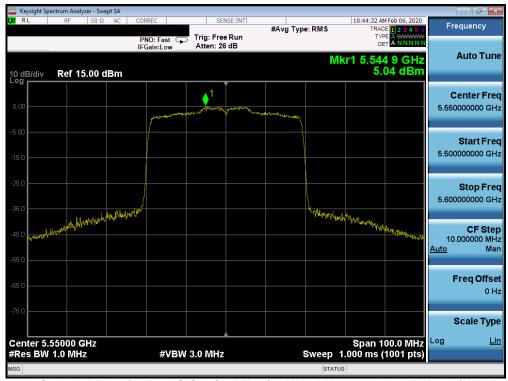
Plot 7-277. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)



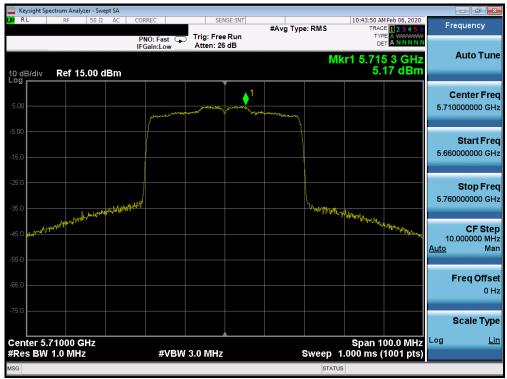
Plot 7-278. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 102)

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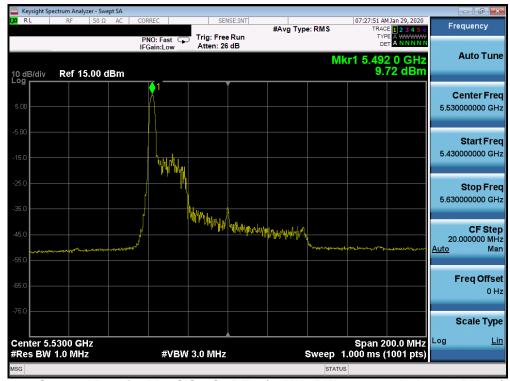
Plot 7-279. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 110)



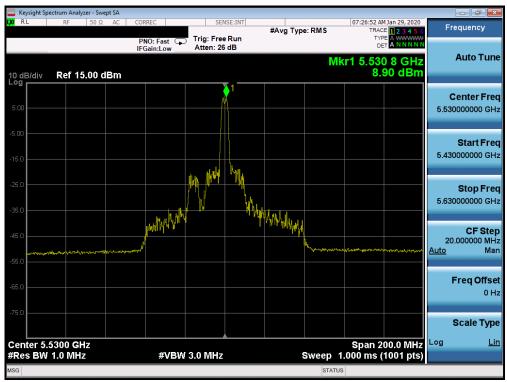
Plot 7-280. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 142)

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Plot 7-281. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 106)



Plot 7-282. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)

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Plot 7-283. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)



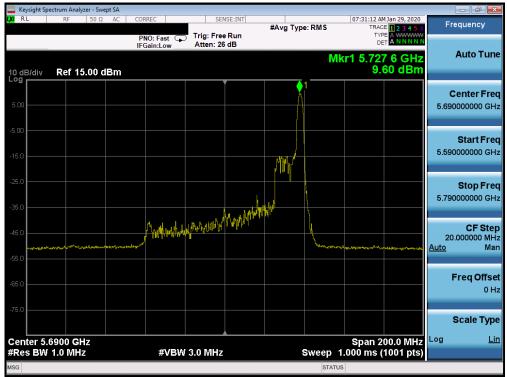
Plot 7-284. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)

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Plot 7-285. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)



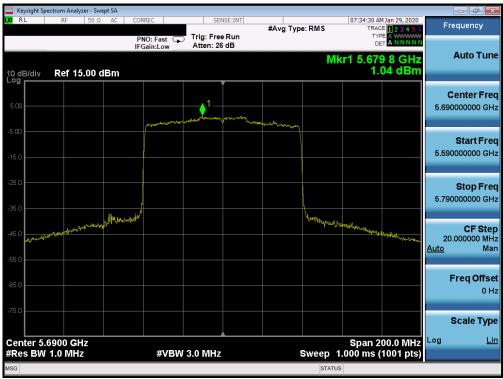
Plot 7-286. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

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Plot 7-287. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax - RU996 (UNII Band 2C) - Ch. 106)



Plot 7-288. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax - RU996 (UNII Band 2C) - Ch. 138)

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	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
				RU26	0	MCS0	5.13	2.10	7.23	10.0	-2.77
	5180	36	ax (20MHz)	RU26	4	MCS0	4.80	2.10	6.90	10.0	-3.10
				RU26	8	MCS0	5.71	2.10	7.81	10.0	-2.19
				RU26	0	MCS0	5.57	2.10	7.67	10.0	-2.33
	5200	40	ax (20MHz)	RU26	4	MCS0	5.42	2.10	7.52	10.0	-2.48
				RU26	8	MCS0	6.37	2.10	8.47	10.0	-1.53
				RU26	0	MCS0	5.65	2.10	7.75	10.0	-2.25
		48	ax (20MHz)	RU26	4	MCS0	5.08	2.10	7.18	10.0	-2.82
<u>5</u>				RU26	8	MCS0	5.95	2.10	8.05	10.0	-1.95
Band	Sar		ax (40MHz)	RU26	0	MCS0	5.37	2.10	7.47	10.0	-2.53
_	5190	38		RU26	8	MCS0	6.47	2.10	8.57	10.0	-1.43
				RU26	17	MCS0	5.76	2.10	7.86	10.0	-2.14
				RU26	0	MCS0	5.86	2.10	7.96	10.0	-2.04
	5230	46	ax (40MHz)	RU26	8	MCS0	6.23	2.10	8.33	10.0	-1.67
				RU26	17	MCS0	6.44	2.10	8.54	10.0	-1.46
				RU26	0	MCS0	5.66	2.10	7.76	10.0	-2.24
	5210	42	ax (80MHz)	RU26	18	MCS0	4.70	2.10	6.80	10.0	-3.20
				RU26	36	MCS0	5.63	2.10	7.73	10.0	-2.27

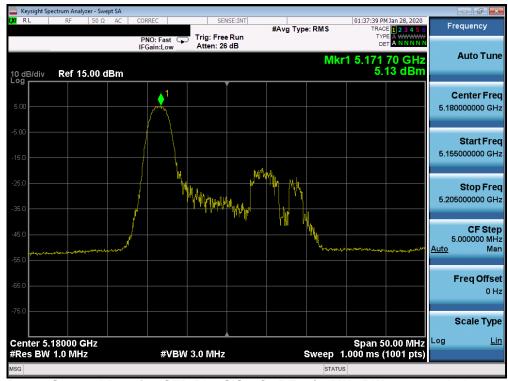
Table 7-66. Band 1 e.i.r.p. Conducted Power Spectral Density Measurements (ISED) SISO CORE 0 (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density Limit [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	RU242	61	MCS0	6.98	2.10	9.08	10.0	-0.92
	5200	40	ax (20MHz)	RU242	61	MCS0	7.06	2.10	9.16	10.0	-0.84
<u>5</u>	5240	48	ax (20MHz)	RU242	61	MCS0	6.92	2.10	9.02	10.0	-0.98
Band	5190	38	ax (40MHz)	RU484	65	MCS0	3.06	2.10	5.16	10.0	-4.84
	5230	46	ax (40MHz)	RU484	65	MCS0	5.98	2.10	8.08	10.0	-1.92
	5210	42	ax (80MHz)	RU996	67	MCS0	-1.39	2.10	0.71	10.0	-9.29

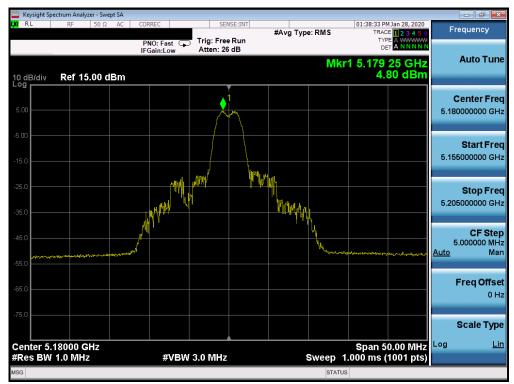
Table 7-67. Band 1 e.i.r.p. Conducted Power Spectral Density Measurements (ISED) SISO CORE 0 (Full RU)

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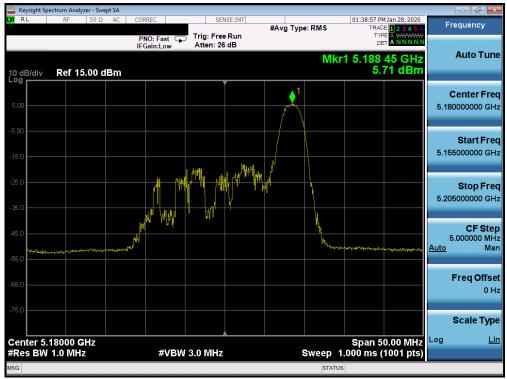
Plot 7-289. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 36)



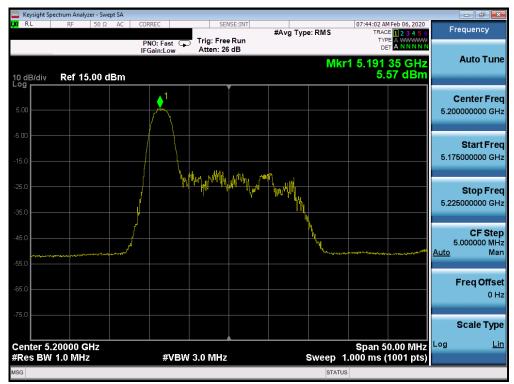
Plot 7-290. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 36)

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Plot 7-291. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 36)



Plot 7-292. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 40)

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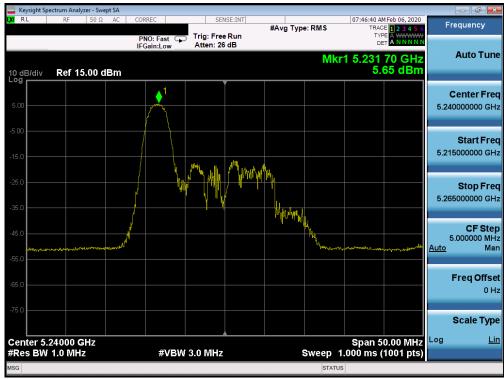
Plot 7-293. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 40)



Plot 7-294. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 8– RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-295. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 48)



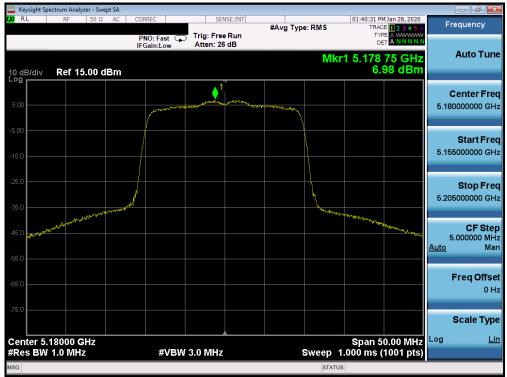
Plot 7-296. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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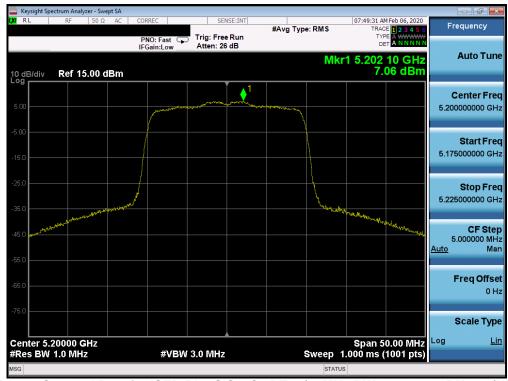
Plot 7-297. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 48)



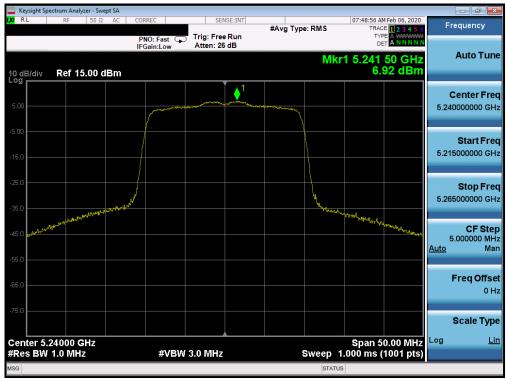
Plot 7-298. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-299. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 40)



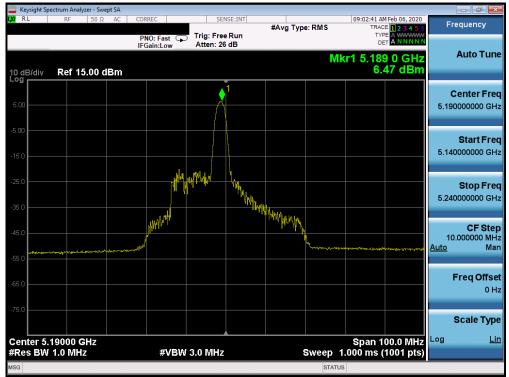
Plot 7-300. Power Spectral Density ISED Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-301. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 38)



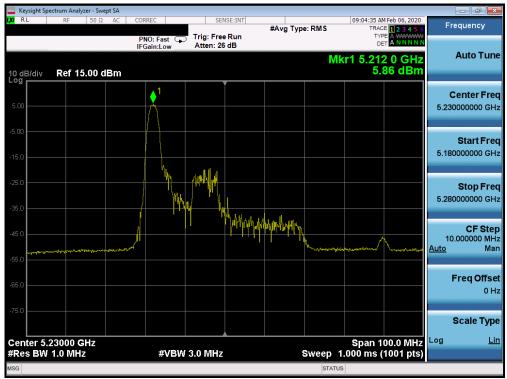
Plot 7-302. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 38)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-303. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 38)



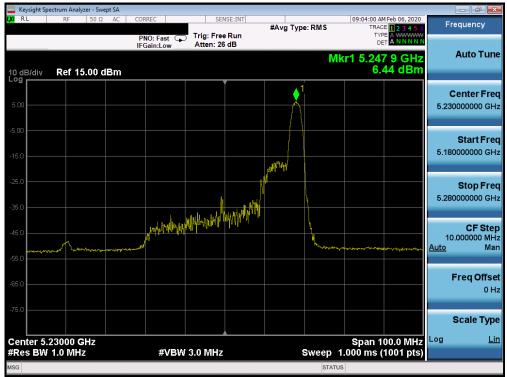
Plot 7-304. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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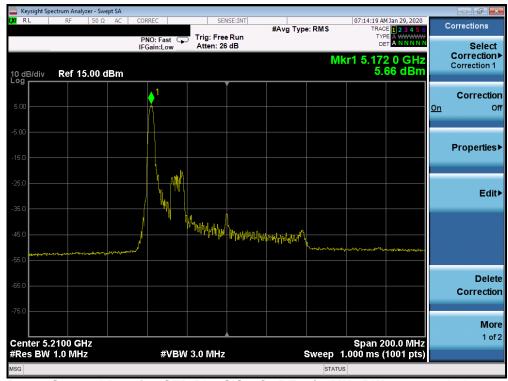
Plot 7-305. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 46)



Plot 7-306. Power Spectral Density ISED Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2228	PCTEST	**/\ <u></u>	
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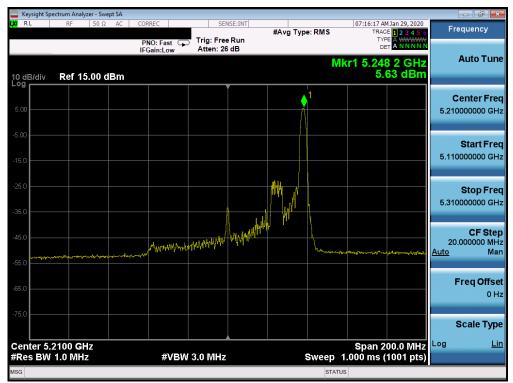
Plot 7-307. Power Spectral Density ISED Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 42)



Plot 7-308. Power Spectral Density ISED Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 1) - Ch. 42)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-309. Power Spectral Density ISED Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 1) - Ch. 42)

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	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
				RU26	0	MCS0	11.71	30.00	-18.29
	5745	149	ax (20MHz)	RU26	4	MCS0	11.70	30.00	-18.30
				RU26	8	MCS0	11.57	30.00	-18.43
				RU26	0	MCS0	11.94	30.00	-18.06
	5785	157	ax (20MHz)	RU26	4	MCS0	11.70	30.00	-18.30
				RU26	8	MCS0	12.18	30.00	-17.82
				RU26	0	MCS0	11.37	30.00	-18.63
•	5825 165	165	5 ax (20MHz)	RU26	4	MCS0	11.65	30.00	-18.35
ğ				RU26	8	MCS0	11.77	30.00	-18.23
Band				RU26	0	MCS0	12.69	30.00	-17.31
	5755	151	ax (40MHz)	RU26	8	MCS0	12.21	30.00	-17.79
				RU26	17	MCS0	12.59	30.00	-17.41
				RU26	0	MCS0	12.36	30.00	-17.64
	5795	159	ax (40MHz)	RU26	8	MCS0	12.14	30.00	-17.86
			RU26	17	MCS0	12.17	30.00	-17.83	
				RU26	0	MCS0	12.16	30.00	-17.84
	5775	155	ax (80MHz)	RU26	18	MCS0	12.20	30.00	-17.80
				RU26	36	MCS0	11.31	30.00	-18.69

Table 7-68. Band 3 Conducted Power Spectral Density Measurements SISO CORE 0 (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density Limit [dBm/500kHz]	Margin [dB]
	5745	149	ax (20MHz)	RU242	61	MCS0	3.54	30.0	-26.46
	5785	157	ax (20MHz)	RU242	61	MCS0	4.14	30.0	-25.86
е В	5825	165	ax (20MHz)	RU242	61	MCS0	3.47	30.0	-26.53
Band	5755	151	ax (40MHz)	RU484	65	MCS0	1.34	30.0	-28.66
	5795	159	ax (40MHz)	RU484	65	MCS0	1.67	30.0	-28.33
	5775	155	ax (80MHz)	RU996	67	MCS0	-1.73	30.0	-31.73

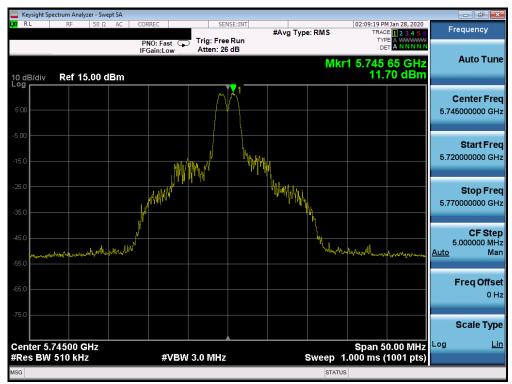
Table 7-69. Band 3 Conducted Power Spectral Density Measurements SISO CORE 0 (Full RU)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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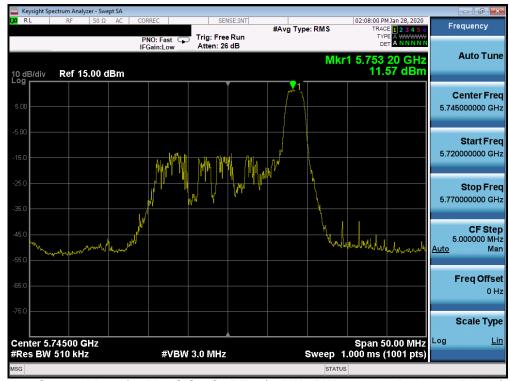
Plot 7-310. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 149)



Plot 7-311. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 3) - Ch. 149)

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Plot 7-312. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 3) - Ch. 149)



Plot 7-313. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 157)

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Plot 7-314. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 3) - Ch. 157)



Plot 7-315. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 3) - Ch. 157)

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Plot 7-316. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 165)



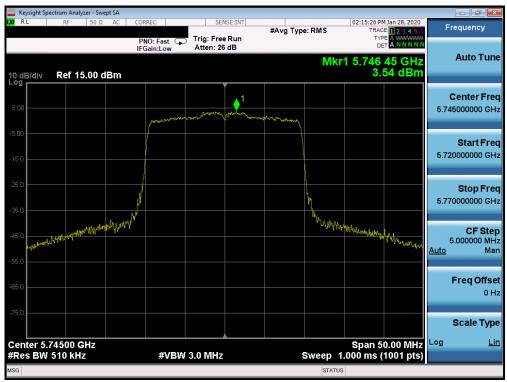
Plot 7-317. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 3) - Ch. 165)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-318. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 3) - Ch. 165)



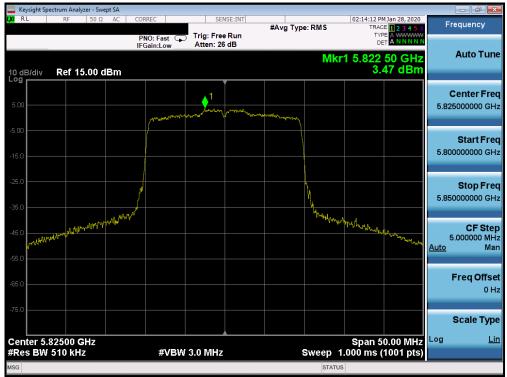
Plot 7-319. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax-RU242 (UNII Band 3) - Ch. 149)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-320. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax- RU242 (UNII Band 3) - Ch. 157)



Plot 7-321. Power Spectral Density Plot SISO CORE 0 (20MHz BW 802.11ax-RU242 (UNII Band 3) - Ch. 165)

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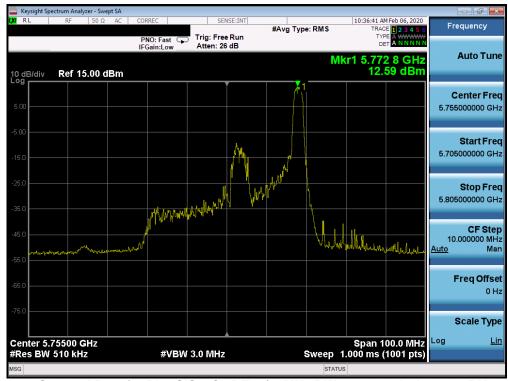
Plot 7-322. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 151)



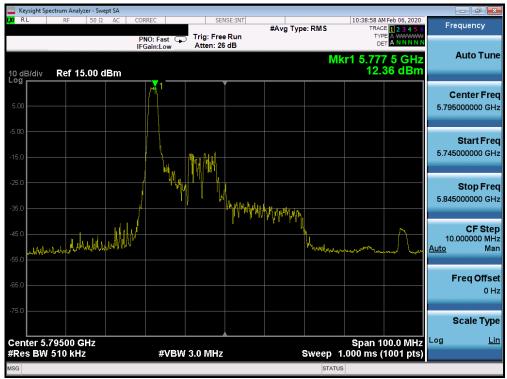
Plot 7-323. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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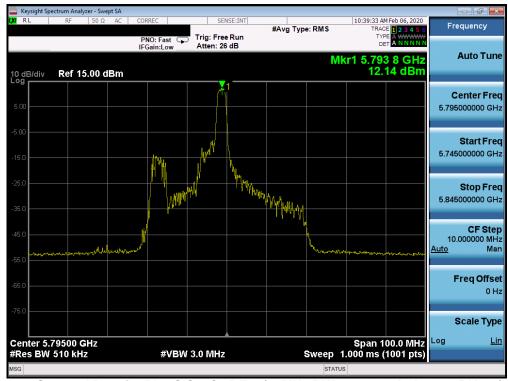
Plot 7-324. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 3) - Ch. 151)



Plot 7-325. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 159)

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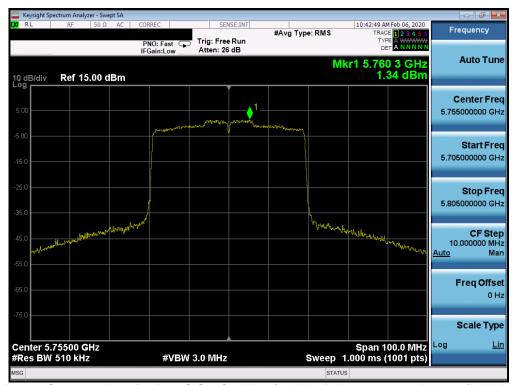
Plot 7-326. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 3) - Ch. 159)



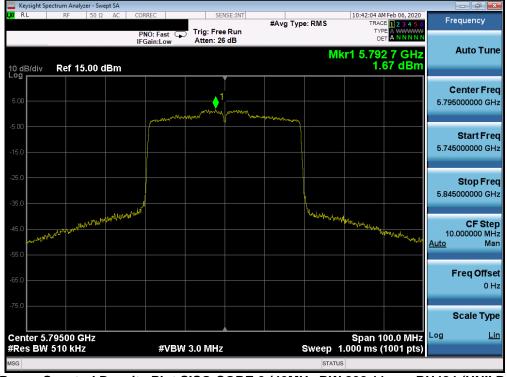
Plot 7-327. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-328. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 3) - Ch. 151)



Plot 7-329. Power Spectral Density Plot SISO CORE 0 (40MHz BW 802.11ax - RU484 (UNII Band 3) - Ch. 159)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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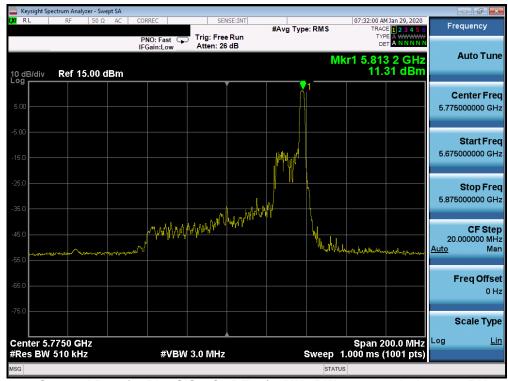
Plot 7-330. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 155)



Plot 7-331. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

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Plot 7-332. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 3) - Ch. 155)



Plot 7-333. Power Spectral Density Plot SISO CORE 0 (80MHz BW 802.11ax - RU996 (UNII Band 3) - Ch. 155)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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## **SISO Core 1 Power Spectral Density Measurements**

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
				RU26	0	MCS0	9.13	11.0	-1.87
	5180	36	ax (20MHz)	RU26	4	MCS0	8.61	11.0	-2.39
				RU26	8	MCS0	9.14	11.0	-1.86
				RU26	0	MCS0	9.18	11.0	-1.82
	5200	40	ax (20MHz)	RU26	4	MCS0	8.50	11.0	-2.50
				RU26	8	MCS0	9.43	11.0	-1.57
				RU26	0	MCS0	9.08	11.0	-1.92
_	5240	48	ax (20MHz)	RU26	4	MCS0	8.61	11.0	-2.39
Band 1				RU26	8	MCS0	9.57	11.0	-1.43
ä				RU26	0	MCS0	8.59	11.0	-2.41
	5190	38	ax (40MHz)	RU26	8	MCS0	9.50	11.0	-1.50
				RU26	17	MCS0	8.83	11.0	-2.17
				RU26	0	MCS0	9.40	11.0	-1.60
	5230	46	ax (40MHz)	RU26	8	MCS0	9.28	11.0	-1.72
				RU26	17	MCS0	9.56	11.0	-1.44
	====		(001 # 1 )	RU26	0	MCS0	8.90	11.0	-2.10
	5210	42	ax (80MHz)	RU26	18	MCS0	8.65	11.0	-2.35
				RU26	36	MCS0	9.19	11.0	-1.81
			(001 # 1 )	RU26	0	MCS0	9.18	11.0	-1.82
	5260	52	ax (20MHz)	RU26	4	MCS0	8.65	11.0	-2.35
				RU26	8	MCS0	9.31	11.0	-1.69
	5000	50	(001411)	RU26	0	MCS0	9.43	11.0	-1.57
	5280	56	ax (20MHz)	RU26	4	MCS0	8.69	11.0	-2.31
				RU26	8	MCS0	9.73	11.0	-1.27
<b>8</b>	F220	64	ov (20MHz)	RU26 RU26	0 4	MCS0 MCS0	9.05	11.0	-1.95 -2.54
Band 2A	5320	64	ax (20MHz)	RU26		MCS0	8.46		-2.54
Ba				RU26	8	MCS0	9.51	11.0	-1.49
	F270	54	ov (40MHz)			<b>-</b>	9.43		+
	5270	54	ax (40MHz)	RU26 RU26	8 17	MCS0 MCS0	9.39 9.59	11.0	-1.61 -1.41
				RU26	0	MCS0	9.59	11.0	-1.41
	5310	62	ax (40MHz)	RU26	8	MCS0	9.73	11.0	-1.27
	3310	02	ax (401VII 12)	RU26	17	MCS0	9.44	11.0	-1.56
				RU26	0	MCS0	9.57	11.0	-1.43
	5290	58	ax (80MHz)	RU26	18	MCS0	8.71	11.0	-2.29
	3230	30	ax (ooivii iz)	RU26	36	MCS0	9.62	11.0	-1.38
				RU26	0	MCS0	8.80	11.0	-2.20
	5500	100	ax (20MHz)	RU26	4	MCS0	8.45	11.0	-2.55
	0000		ax (20.11 12)	RU26	8	MCS0	9.44	11.0	-1.56
				RU26	0	MCS0	9.16	11.0	-1.84
	5580	116	ax (20MHz)	RU26	4	MCS0	8.40	11.0	-2.60
			(==::::=)	RU26	8	MCS0	9.33	11.0	-1.67
				RU26	0	MCS0	9.27	11.0	-1.73
	5720	144	ax (20MHz)	RU26	4	MCS0	8.46	11.0	-2.54
		'	, , , , , ,	RU26	8	MCS0	9.12	11.0	-1.88
				RU26	0	MCS0	9.14	11.0	-1.86
	5510	102	ax (40MHz)	RU26	8	MCS0	9.02	11.0	-1.98
Band 2C			_ ` ′	RU26	17	MCS0	9.37	11.0	-1.63
anc				RU26	0	MCS0	9.17	11.0	-1.83
ď	5550	110	ax (40MHz)	RU26	8	MCS0	9.88	11.0	-1.12
			, ,	RU26	17	MCS0	9.75	11.0	-1.25
				RU26	0	MCS0	9.11	11.0	-1.89
	5710	142	ax (40MHz)	RU26	8	MCS0	8.99	11.0	-2.01
			, , , , , , , , , , , , , , , , , , ,	RU26	17	MCS0	9.23	11.0	-1.77
				RU26	0	MCS0	9.02	11.0	-1.98
	5530	106	ax (80MHz)	RU26	18	MCS0	8.89	11.0	-2.11
			, ,	RU26	36	MCS0	9.24	11.0	-1.76
	h		İ		_	14000	9.11	11.0	-1.89
				RU26	0	MCS0	9.11	11.0	-1.09
	5690	138	ax (80MHz)	RU26 RU26	18	MCS0	9.27	11.0	-1.73

## Table 7-70. Bands 1, 2A, 2C Conducted Power Spectral Density Measurements SISO CORE 1 (RU26)

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	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	Index	Data Rate [Mbps]	Max Power Density [dBm/MHz]	Max Power Density Limit [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	RU242	61	MCS0	6.45	11.0	-4.55
	5200	40	ax (20MHz)	RU242	61	MCS0	7.63	11.0	-3.37
Band 1	5240	48	ax (20MHz)	RU242	61	MCS0	7.51	11.0	-3.49
Bar	5190	38	ax (40MHz)	RU484	65	MCS0	2.18	11.0	-8.82
	5230	46	ax (40MHz)	RU484	65	MCS0	4.37	11.0	-6.63
	5210	42	ax (80MHz)	RU996	67	MCS0	-1.62	11.0	-12.62
	5260	52	ax (20MHz)	RU242	61	MCS0	6.68	11.0	-4.32
	5280	56	ax (20MHz)	RU242	61	MCS0	6.93	11.0	-4.07
Band 2A	5320	64	ax (20MHz)	RU242	61	MCS0	4.83	11.0	-6.17
Ban	5270	54	ax (40MHz)	RU484	65	MCS0	4.08	11.0	-6.92
	5310	62	ax (40MHz)	RU484	65	MCS0	0.52	11.0	-10.48
	5290	58	ax (80MHz)	RU996	67	MCS0	-3.31	11.0	-14.31
	5500	100	ax (20MHz)	RU242	61	MCS0	5.76	11.0	-5.24
	5580	116	ax (20MHz)	RU242	61	MCS0	7.17	11.0	-3.83
	5720	144	ax (20MHz)	RU242	61	MCS0	6.71	11.0	-4.29
Band 2C	5510	102	ax (40MHz)	RU484	65	MCS0	0.27	11.0	-10.73
Ban	5550	110	ax (40MHz)	RU484	65	MCS0	3.85	11.0	-7.15
	5710	142	ax (40MHz)	RU484	65	MCS0	4.31	11.0	-6.69
	5530	106	ax (80MHz)	RU996	67	MCS0	-3.09	11.0	-14.09
	5690	138	ax (80MHz)	RU996	67	MCS0	1.87	11.0	-9.13

Table 7-71. Bands 1, 2A, 2C Conducted Power Spectral Density Measurements SISO CORE 1 (Full RU))

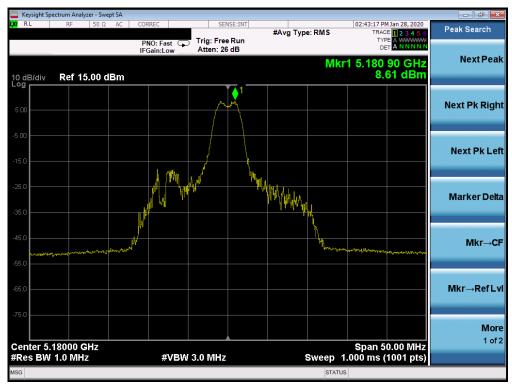
FCC ID: BCGA2228	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Plot 7-334. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)



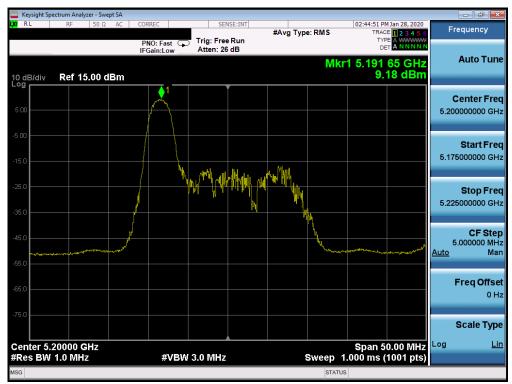
Plot 7-335. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-336. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)



Plot 7-337. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

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Plot 7-338. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)



Plot 7-339. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 1) - Ch. 40)

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Plot 7-340. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)



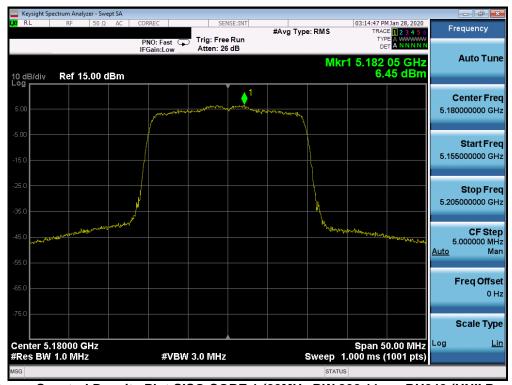
Plot 7-341. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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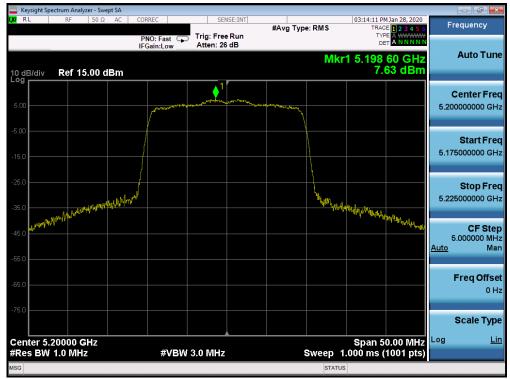
Plot 7-342. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 48)



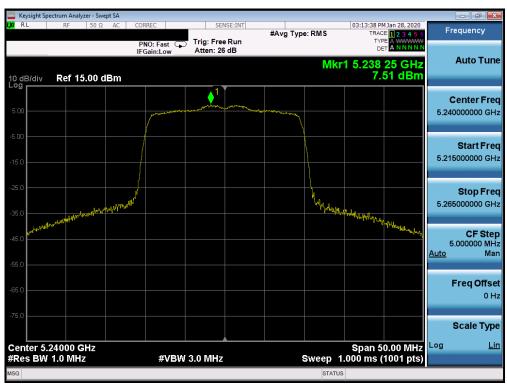
Plot 7-343. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-344. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 40)



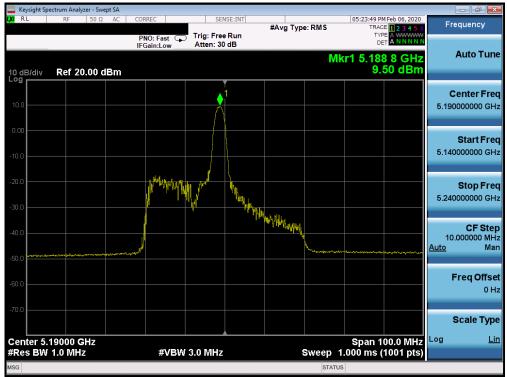
Plot 7-345. Power Spectral Density Plot SISO CORE 1 (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2228	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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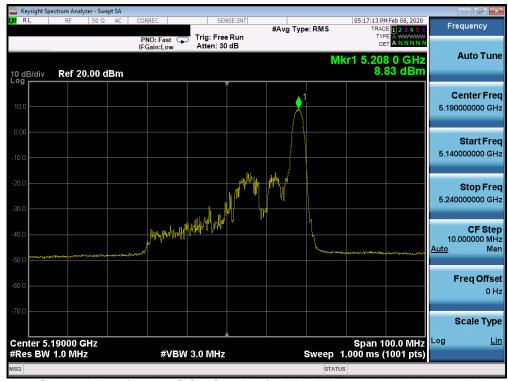
Plot 7-346. Power Spectral Density Plot SISO CORE 1 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)



Plot 7-347. Power Spectral Density Plot SISO CORE 1 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

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Plot 7-348. Power Spectral Density Plot SISO CORE 1 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)



Plot 7-349. Power Spectral Density Plot SISO CORE 1 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

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