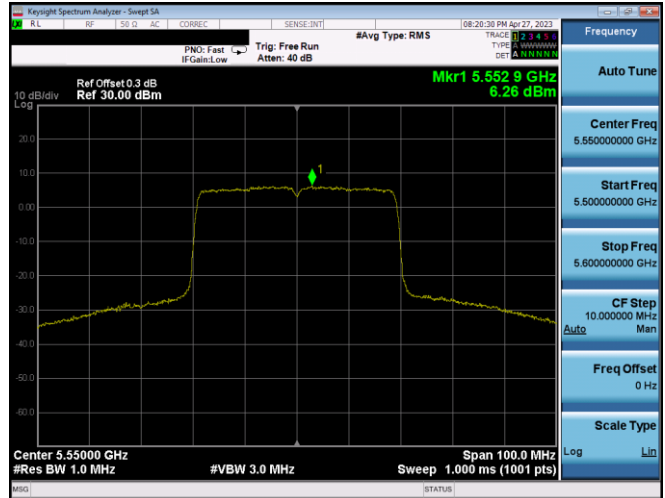
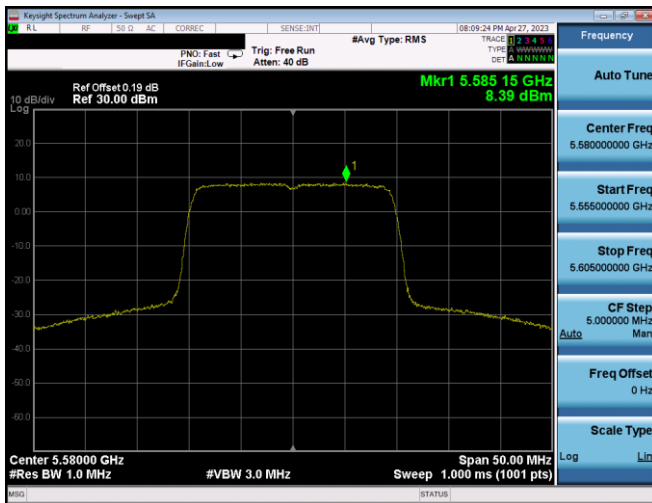


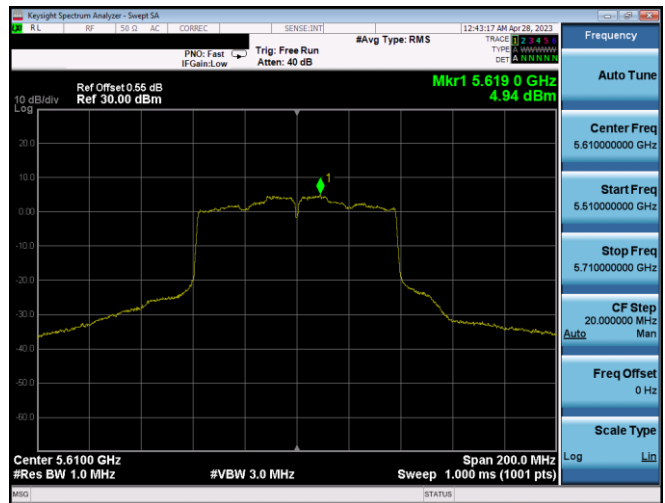
Plot 7-157. PSD Ant1 (20MHz BW 802.11n – Ch. 116, MCS2)



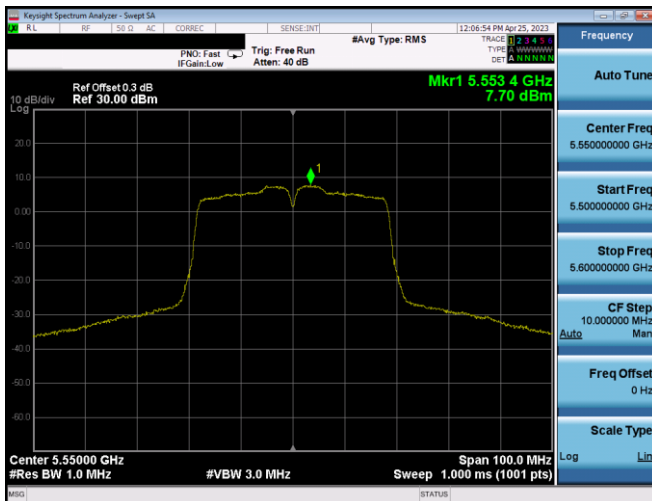
Plot 7-160. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)



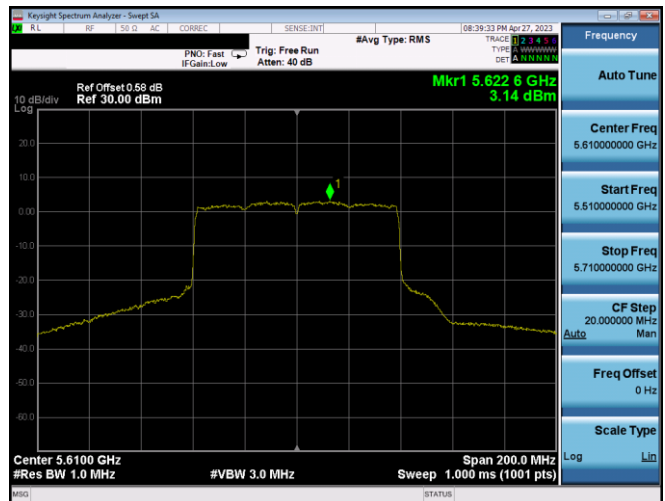
Plot 7-158. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



Plot 7-161. PSD Ant1 (80MHz BW 802.11ac – Ch. 122, MCS2)

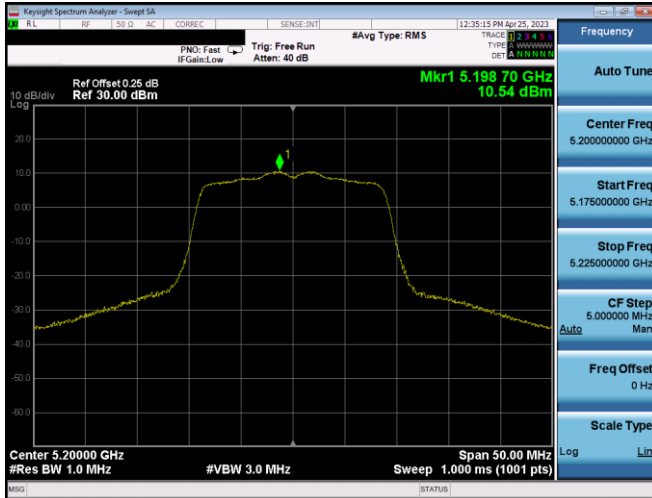


Plot 7-159. PSD Ant1 (40MHz BW 802.11n – Ch. 110, MCS2)

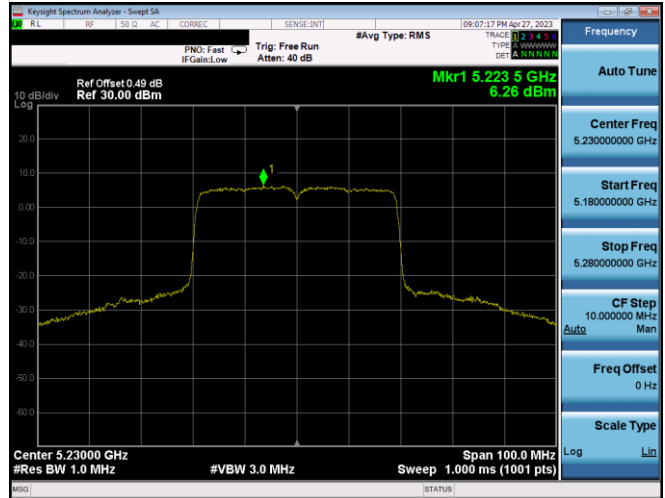


Plot 7-162. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)

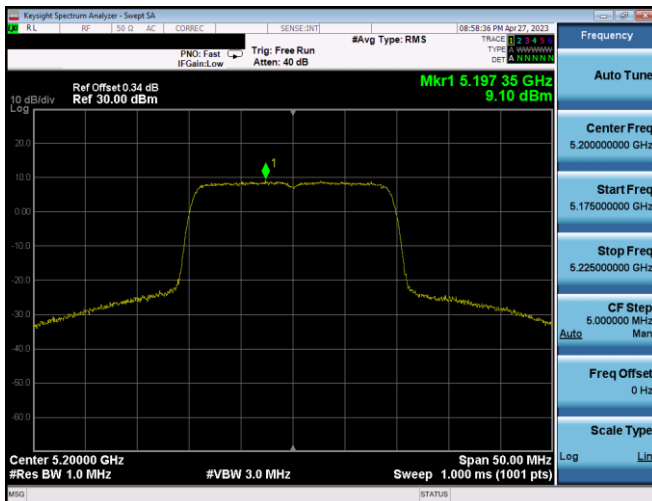
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 90 of 322



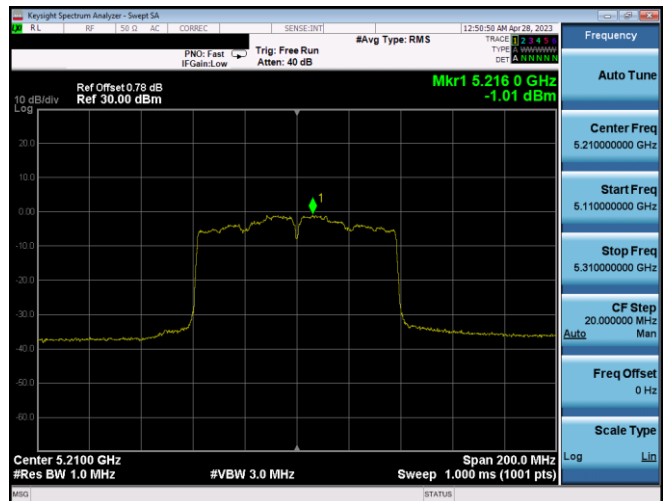
Plot 7-163. PSD Ant1 (20MHz BW 802.11n – Ch. 40, MCS4)



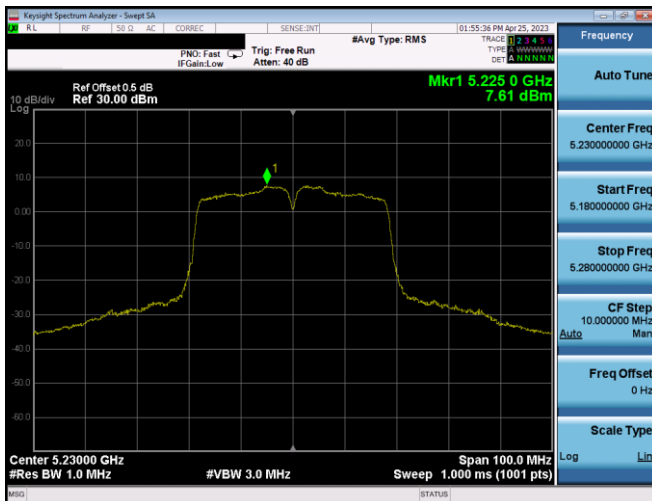
Plot 7-166. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



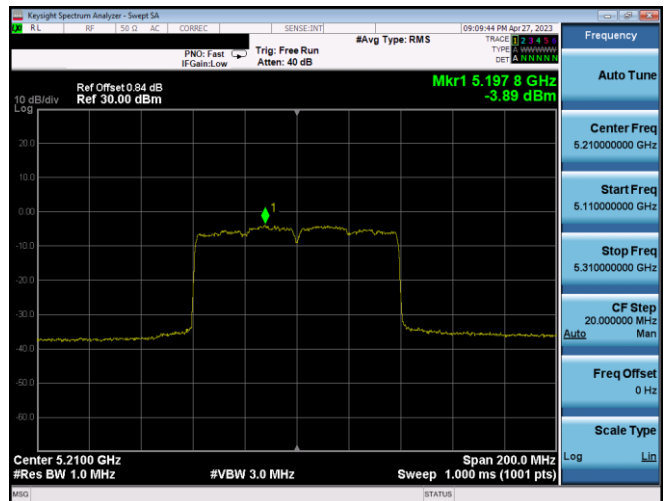
Plot 7-164. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-167. PSD Ant1 (80MHz BW 802.11ac – Ch. 42, MCS4)

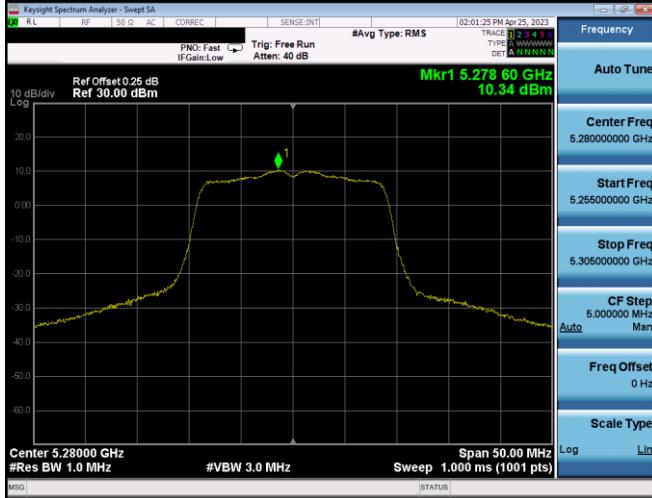


Plot 7-165. PSD Ant1 (40MHz BW 802.11n – Ch. 46, MCS4)

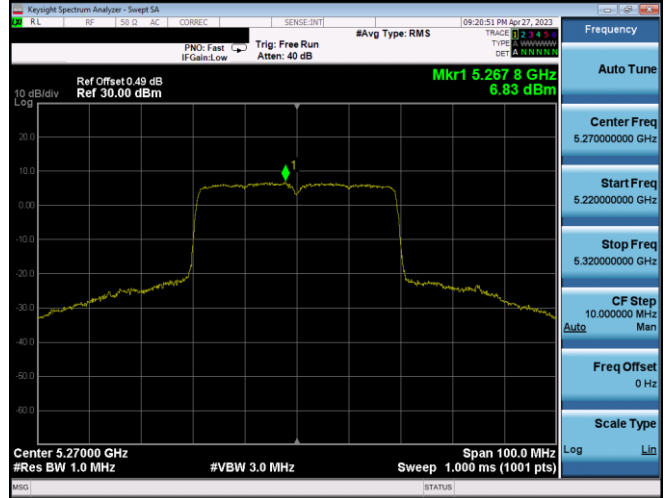


Plot 7-168. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)

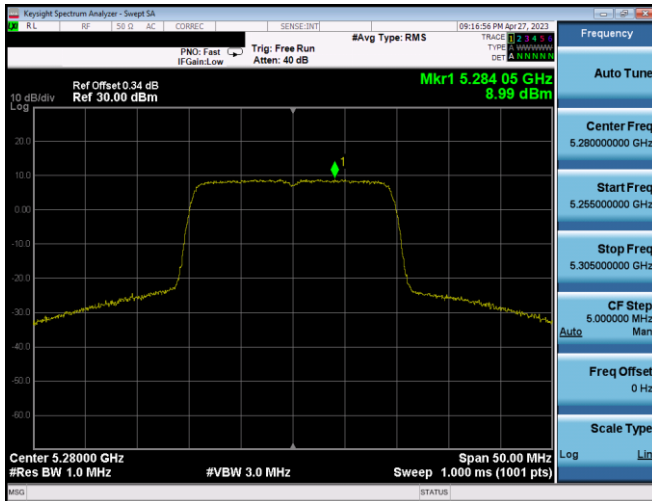
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 91 of 322



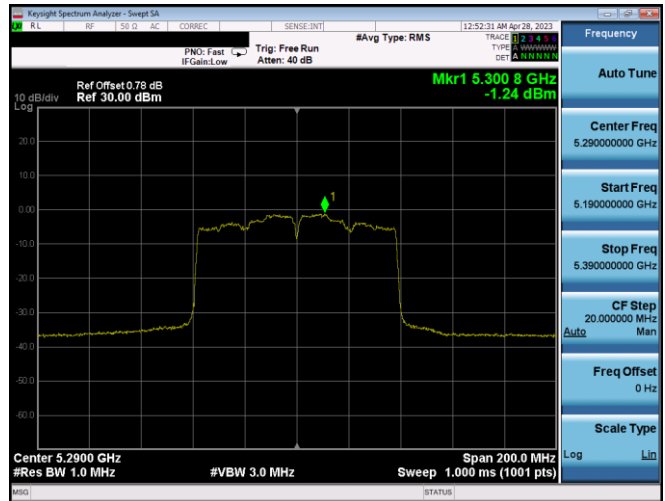
Plot 7-169. PSD Ant1 (20MHz BW 802.11n – Ch. 56, MCS4)



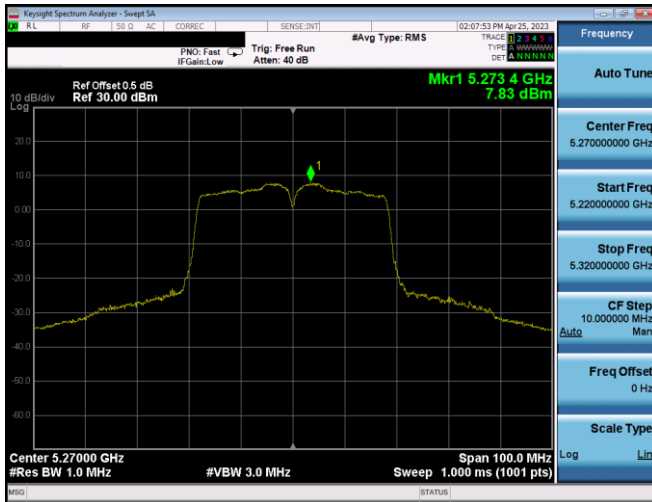
Plot 7-172. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 54, MCS4)



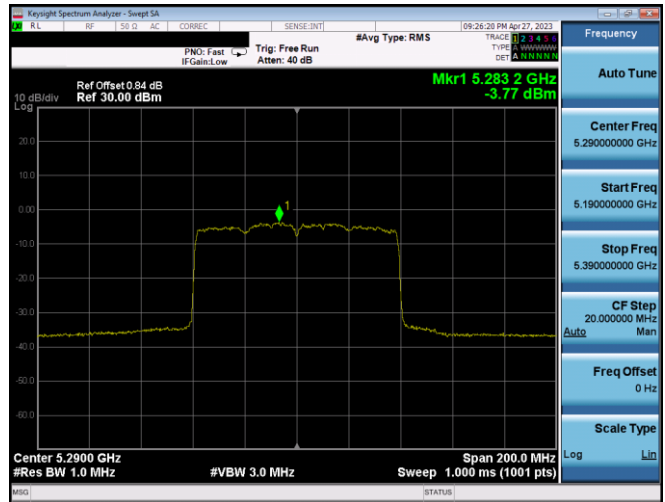
Plot 7-170. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 56, MCS4)



Plot 7-173. PSD Ant1 (80MHz BW 802.11ac – Ch. 58, MCS4)

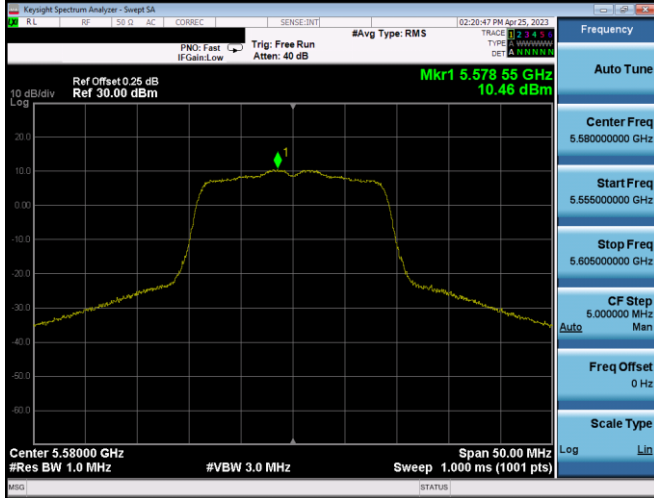


Plot 7-171. PSD Ant1 (40MHz BW 802.11n – Ch. 54, MCS4)

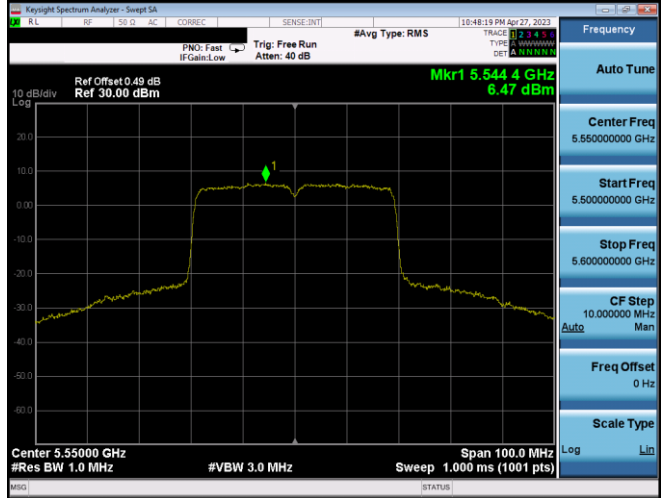


Plot 7-174. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 58, MCS4)

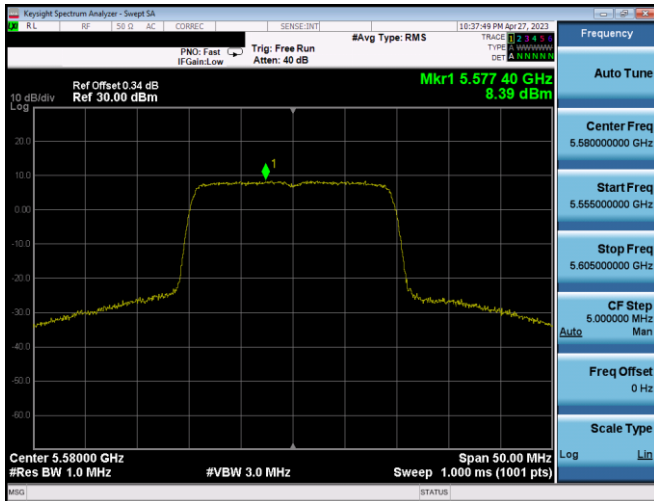
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 92 of 322



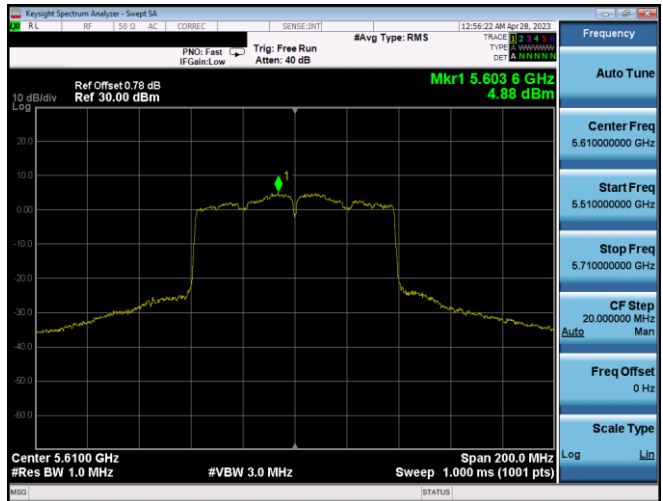
Plot 7-175. PSD Ant1 (20MHz BW 802.11n – Ch. 116, MCS4)



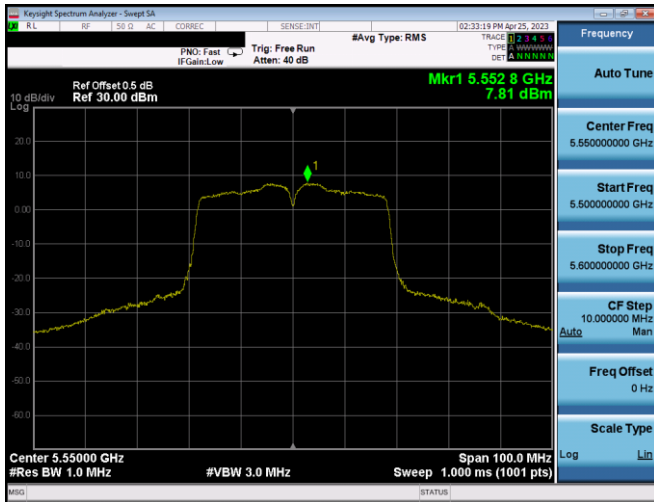
Plot 7-178. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 110, MCS4)



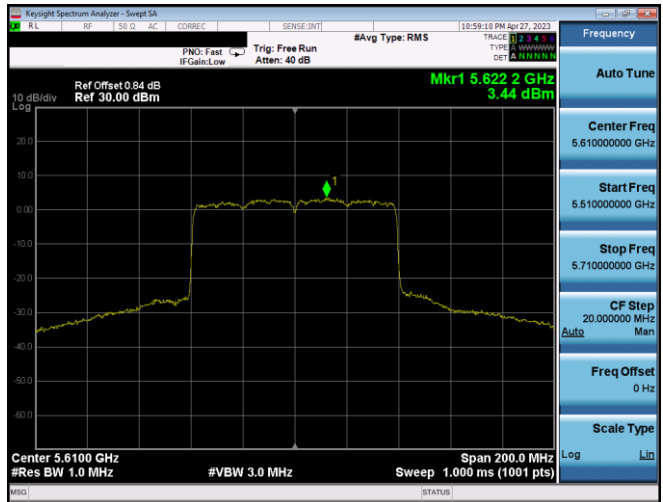
Plot 7-176. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 116, MCS4)



Plot 7-179. PSD Ant1 (80MHz BW 802.11ac – Ch. 122, MCS4)

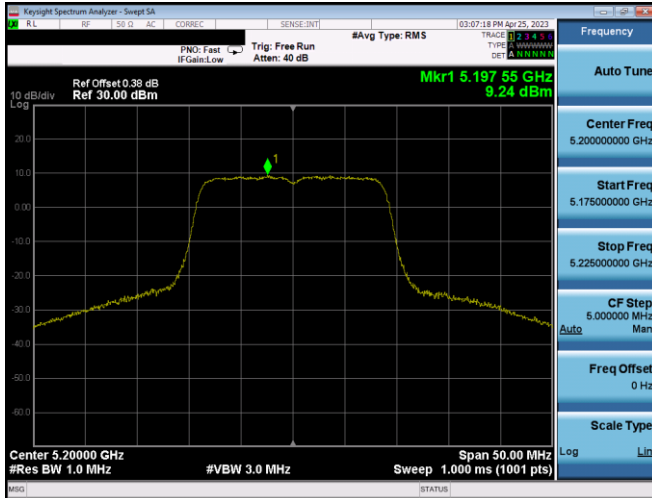


Plot 7-177. PSD Ant1 (40MHz BW 802.11n – Ch. 110, MCS4)

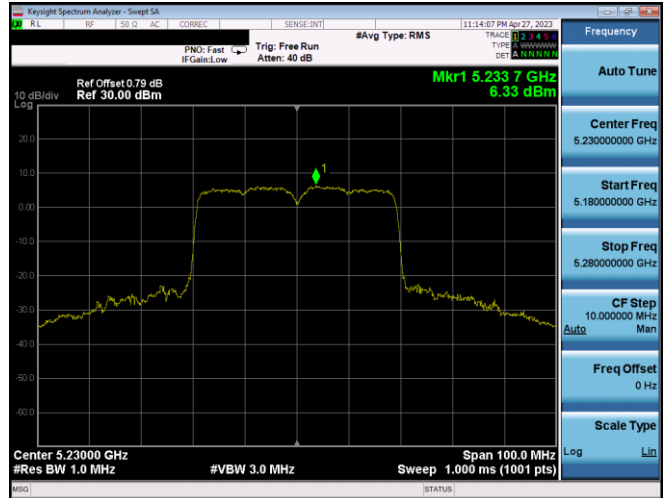


Plot 7-180. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 122, MCS4)

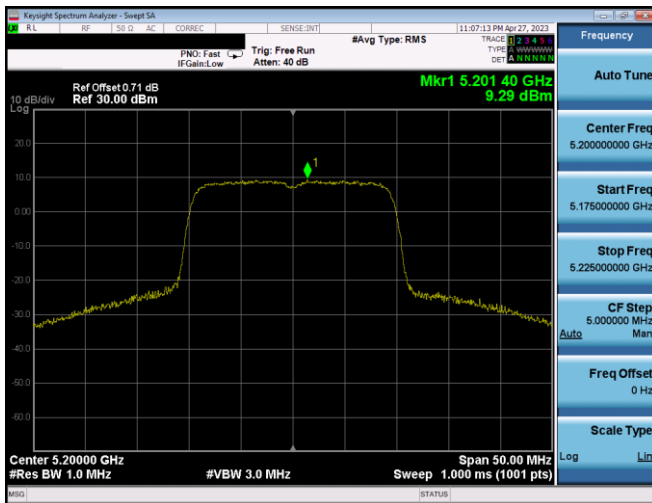
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 93 of 322



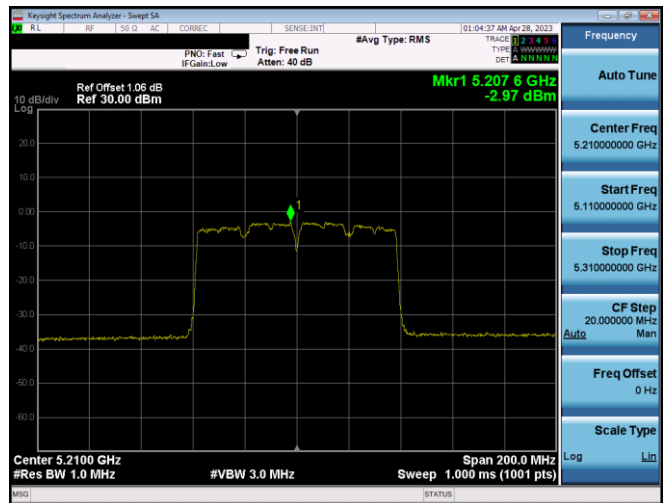
Plot 7-181. PSD Ant1 (20MHz BW 802.11n – Ch. 40, MCS7)



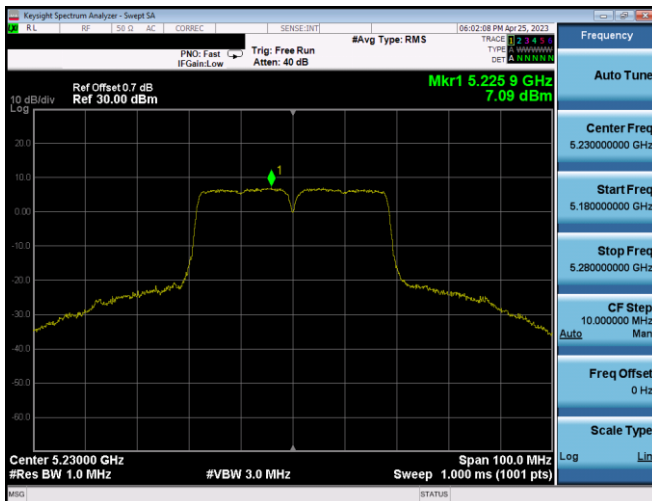
Plot 7-184. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



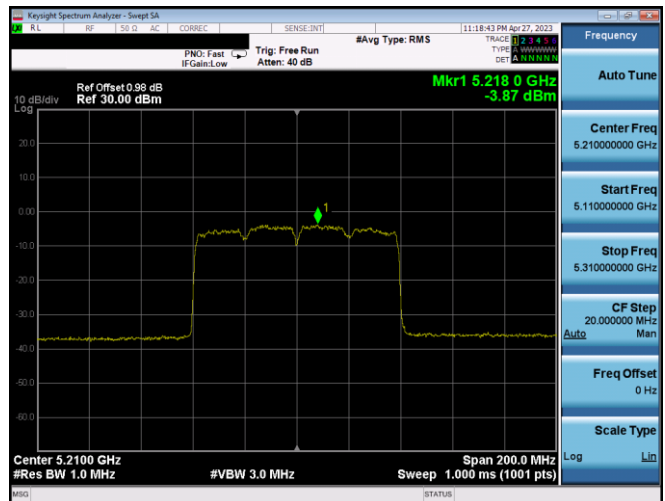
Plot 7-182. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-185. PSD Ant1 (80MHz BW 802.11ac – Ch. 42, MCS8)

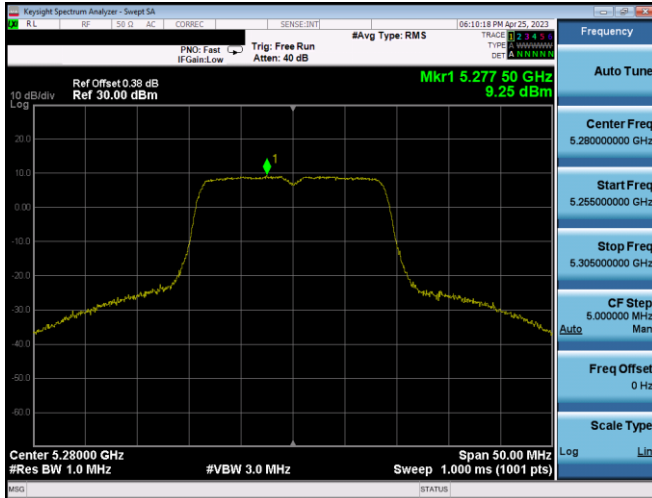


Plot 7-183. PSD Ant1 (40MHz BW 802.11n – Ch. 46, MCS7)



Plot 7-186. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

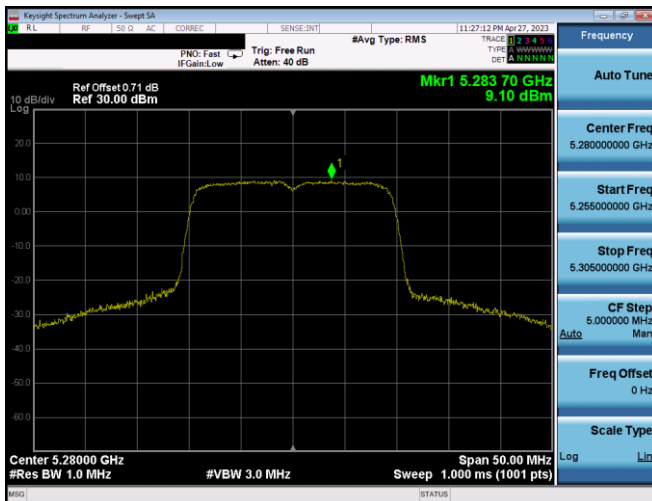
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 94 of 322



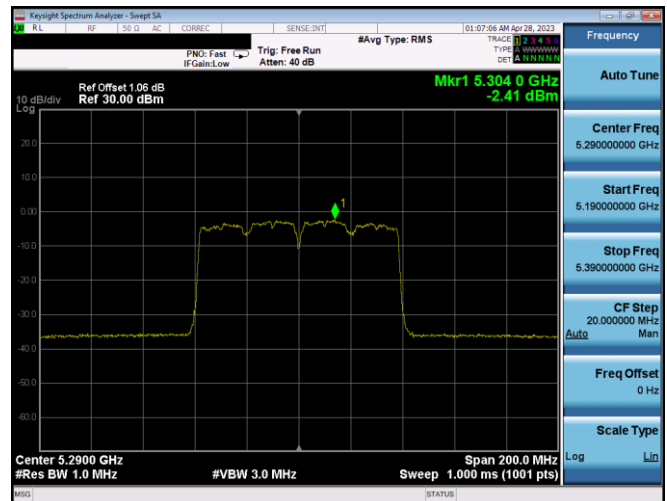
Plot 7-187. PSD Ant1 (20MHz BW 802.11n – Ch. 56, MCS7)



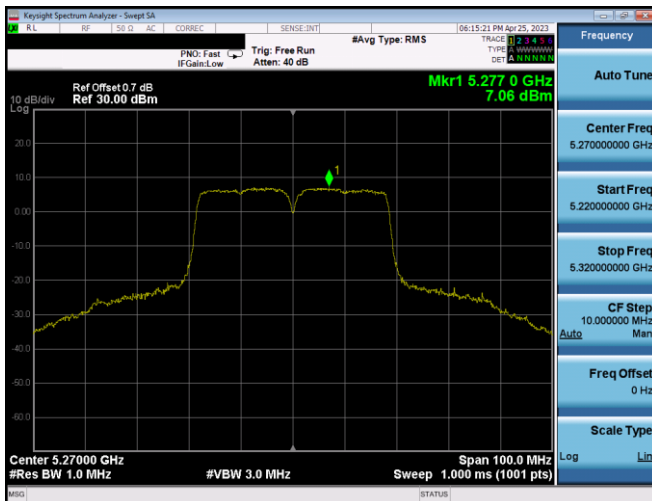
Plot 7-190. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



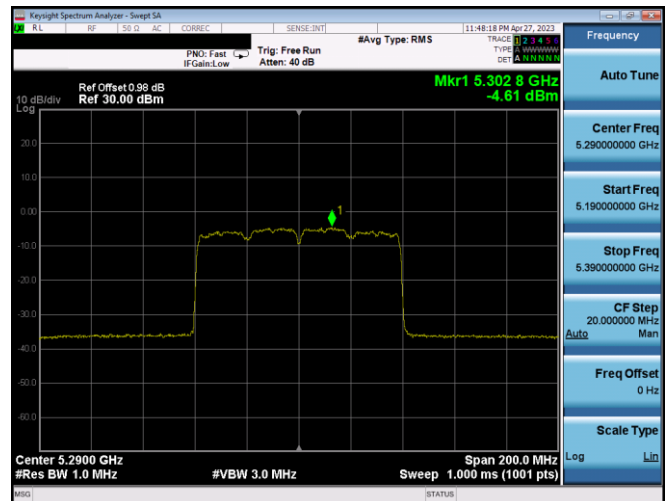
Plot 7-188. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-191. PSD Ant1 (80MHz BW 802.11ac – Ch. 58, MCS8)

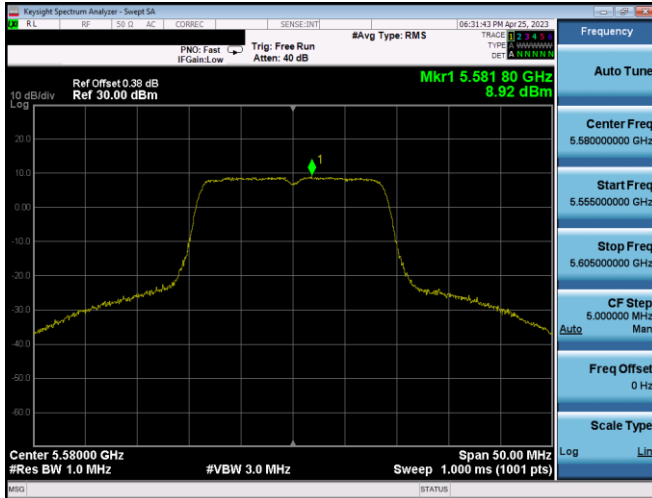


Plot 7-189. PSD Ant1 (40MHz BW 802.11n – Ch. 54, MCS7)

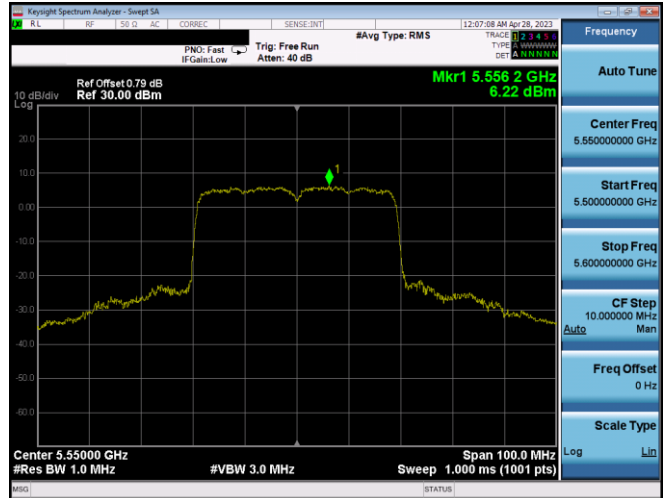


Plot 7-192. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

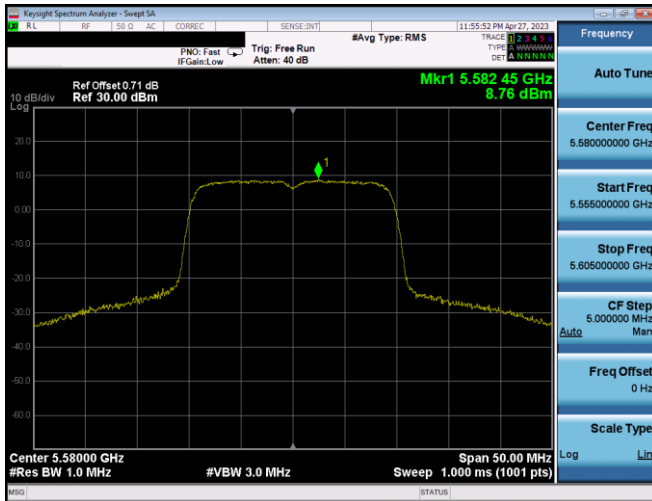
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 95 of 322



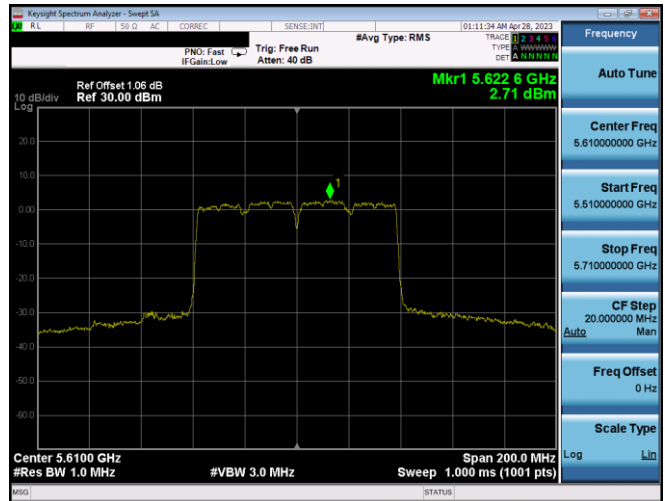
Plot 7-193. PSD Ant1 (20MHz BW 802.11n – Ch. 116, MCS7)



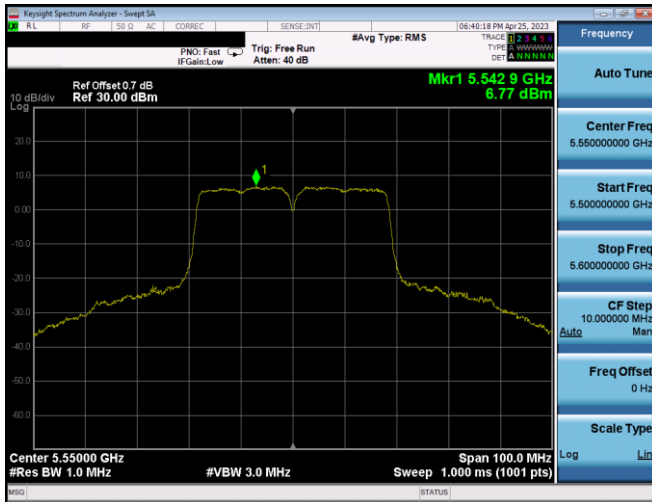
Plot 7-196. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



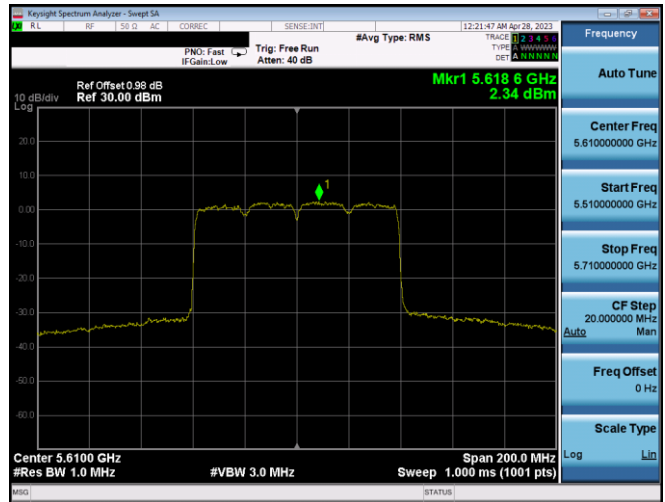
Plot 7-194. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-197. PSD Ant1 (80MHz BW 802.11ac – Ch. 122, MCS8)



Plot 7-195. PSD Ant1 (40MHz BW 802.11n – Ch. 110, MCS7)



Plot 7-198. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 122, MCS11)

FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 96 of 322

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	7.32	30.0	-22.68
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	7.59	30.0	-22.41
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	7.19	30.0	-22.81
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	5.87	30.0	-24.13
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	6.00	30.0	-24.00
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	5.66	30.0	-24.34
	5755	151	n (40MHz)	40.5/45 (MCS2)	4.33	30.0	-25.67
	5795	159	n (40MHz)	40.5/45 (MCS2)	4.96	30.0	-25.04
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	3.23	30.0	-26.77
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	3.14	30.0	-26.86
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	0.70	30.0	-29.30
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	-0.81	30.0	-30.81

Table 7-95. Band 3 Power Spectral Density Measurements Ant1 (Low Data Rate)

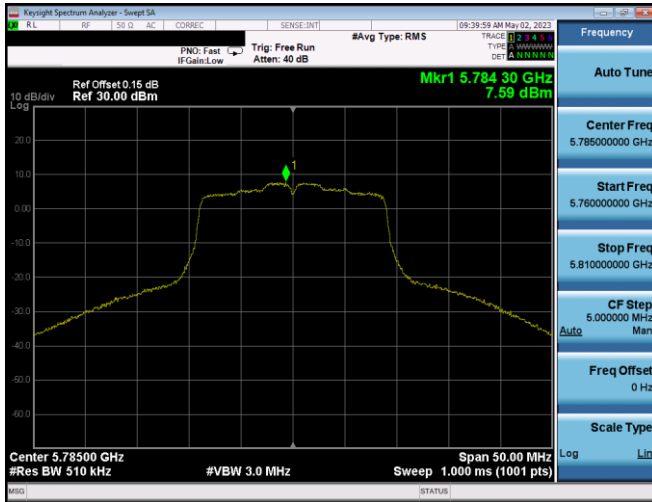
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	7.42	30.0	-22.58
	5785	157	n (20MHz)	39/43.3 (MCS4)	7.94	30.0	-22.06
	5825	165	n (20MHz)	39/43.3 (MCS4)	7.36	30.0	-22.64
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	5.96	30.0	-24.04
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	6.25	30.0	-23.75
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	5.90	30.0	-24.10
	5755	151	n (40MHz)	81/90 (MCS4)	4.18	30.0	-25.82
	5795	159	n (40MHz)	81/90 (MCS4)	4.91	30.0	-25.09
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	3.75	30.0	-26.25
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	3.58	30.0	-26.42
	5775	155	ac (80MHz)	175.5/195 (MCS4)	1.03	30.0	-28.97
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	-0.45	30.0	-30.45

Table 7-96. Band 3 Power Spectral Density Measurements Ant1 (Mid Data Rate)

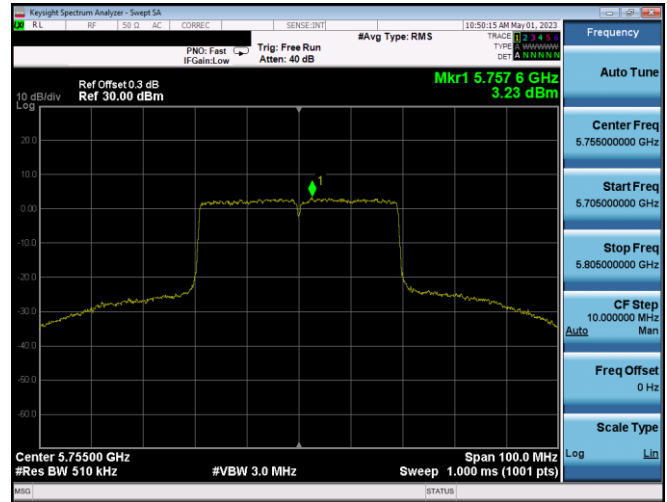
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	6.08	30.0	-23.92
	5785	157	n (20MHz)	65/72.2 (MCS7)	6.64	30.0	-23.36
	5825	165	n (20MHz)	65/72.2 (MCS7)	6.10	30.0	-23.90
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	6.54	30.0	-23.46
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	6.77	30.0	-23.23
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	6.04	30.0	-23.96
	5755	151	n (40MHz)	135/150 (MCS7)	2.89	30.0	-27.11
	5795	159	n (40MHz)	135/150 (MCS7)	4.00	30.0	-26.00
	5755	151	ax (SU) (40MHz)	271/286.8 (MCS11)	3.95	30.0	-26.05
	5795	159	ax (SU) (40MHz)	271/286.8 (MCS11)	3.71	30.0	-26.29
	5775	155	ac (80MHz)	351/390 (MCS8)	-0.06	30.0	-30.06
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	-0.58	30.0	-30.58

Table 7-97. Band 3 Power Spectral Density Measurements Ant1 (High Data Rate)

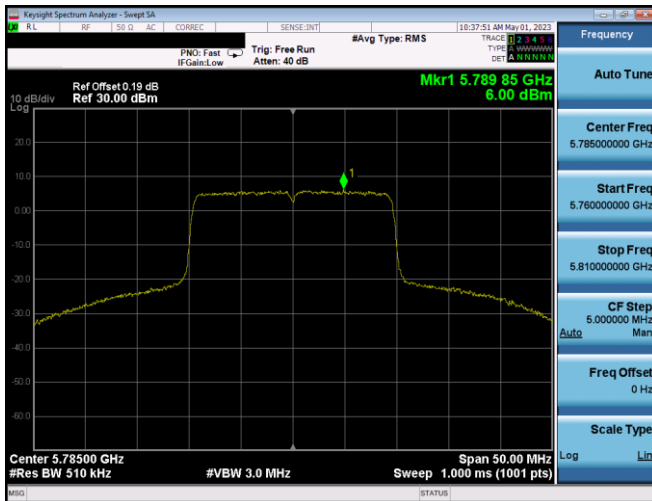
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 97 of 322



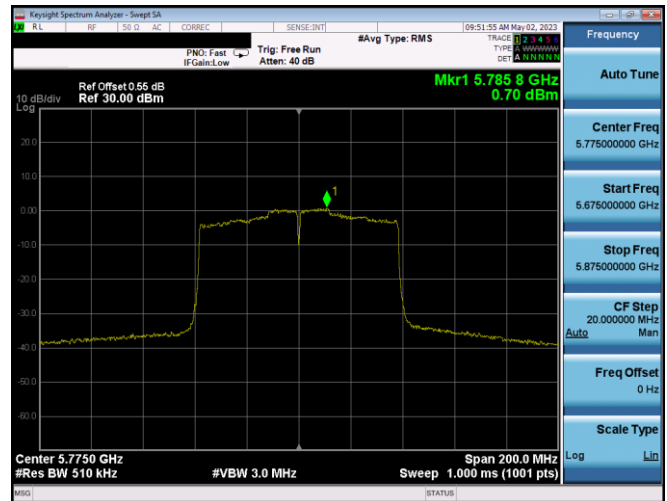
Plot 7-199. PSD Ant1 (20MHz BW 802.11n – Ch. 157, MCS2)



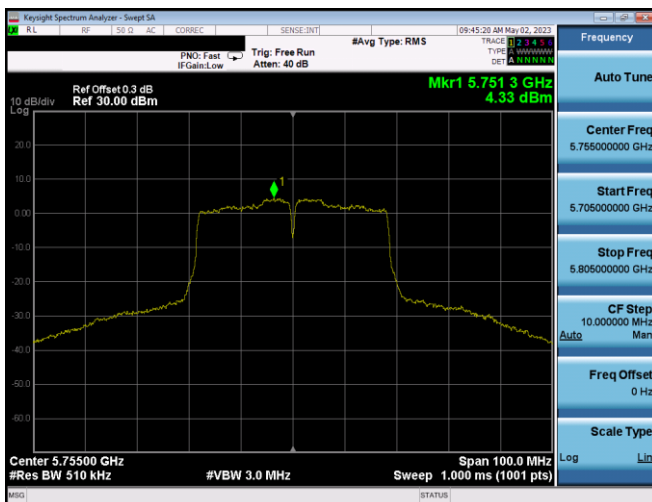
Plot 7-202. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



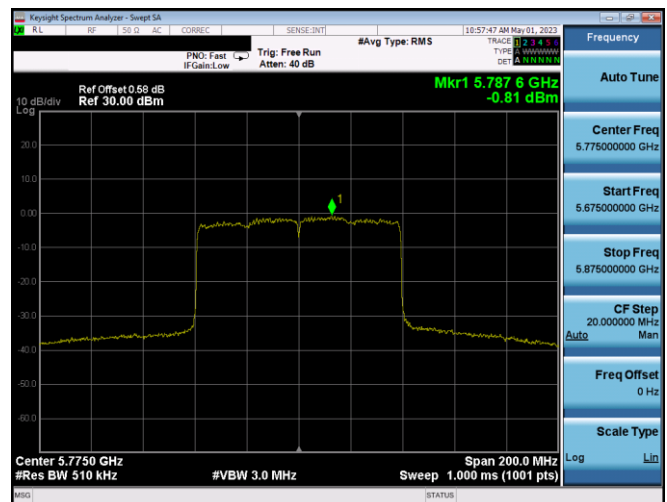
Plot 7-200. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



Plot 7-203. PSD Ant1 (80MHz BW 802.11ac – Ch. 155, MCS2)

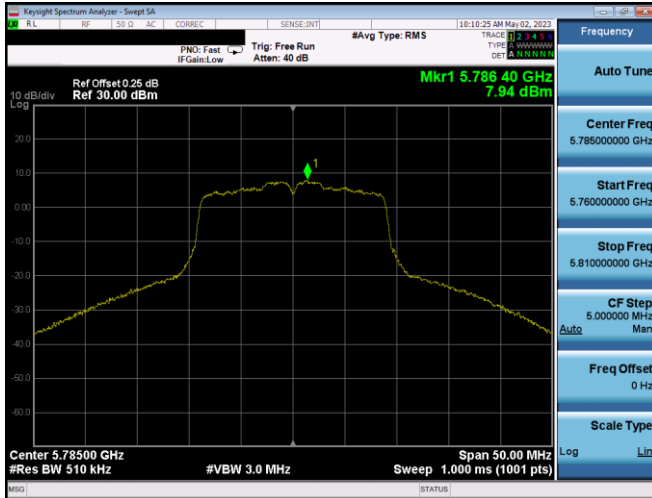


Plot 7-201. PSD Ant1 (40MHz BW 802.11n – Ch. 151, MCS2)

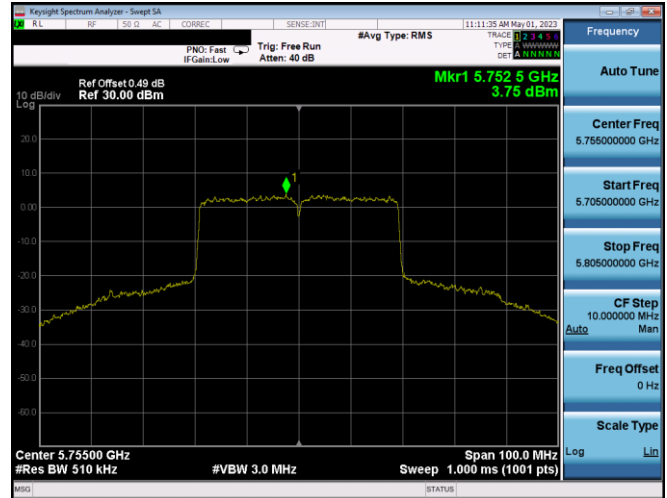


Plot 7-204. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)

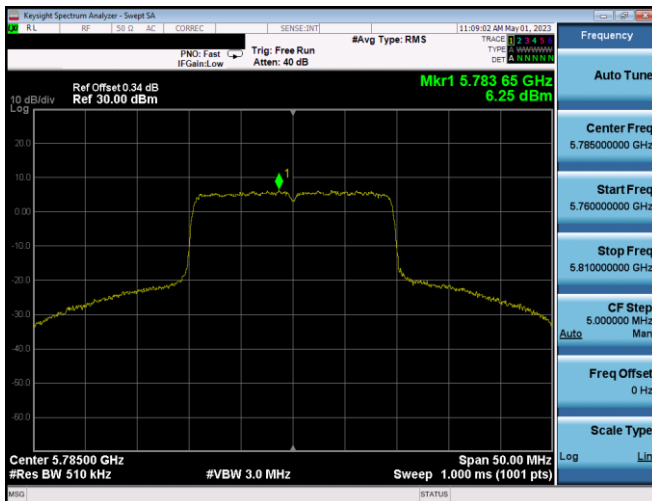
FCC ID: BCGA2117 IC: 579C-A2117		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2302130007-07.BCG	Test Dates: 2/10/2023 - 5/4/2023	EUT Type: Head Mounted Device	Page 98 of 322



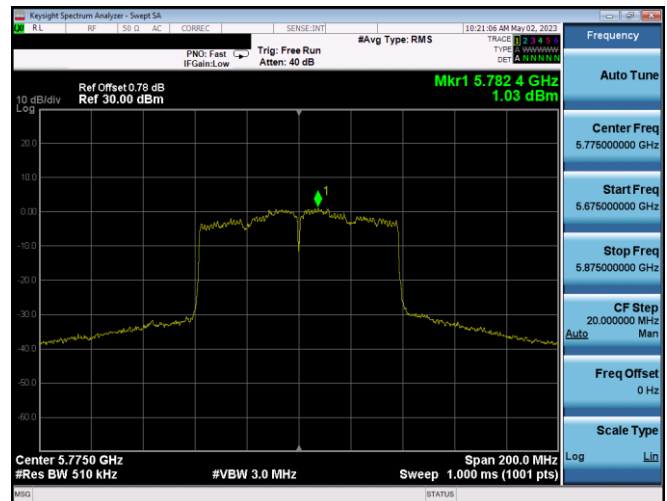
Plot 7-205. PSD Ant1 (20MHz BW 802.11n – Ch. 157, MCS4)



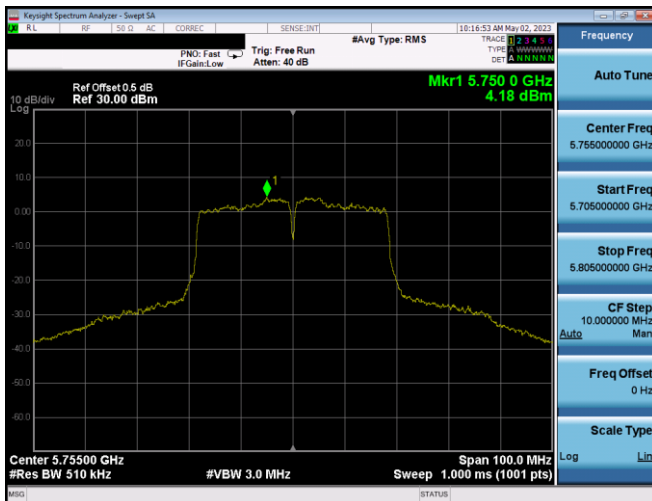
Plot 7-208. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



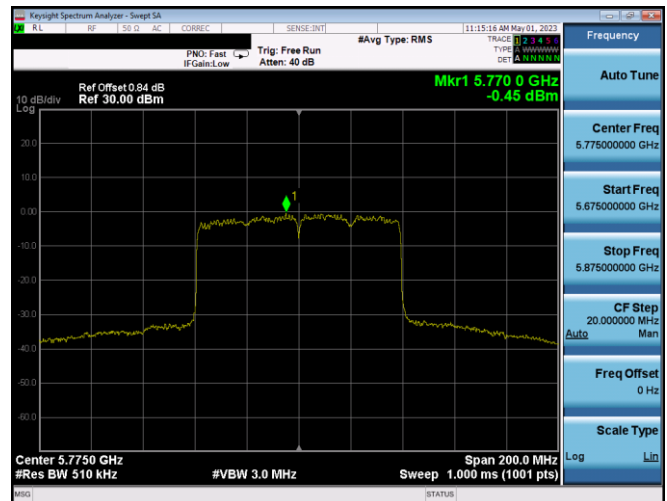
Plot 7-206. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



Plot 7-209. PSD Ant1 (80MHz BW 802.11ac – Ch. 155, MCS4)

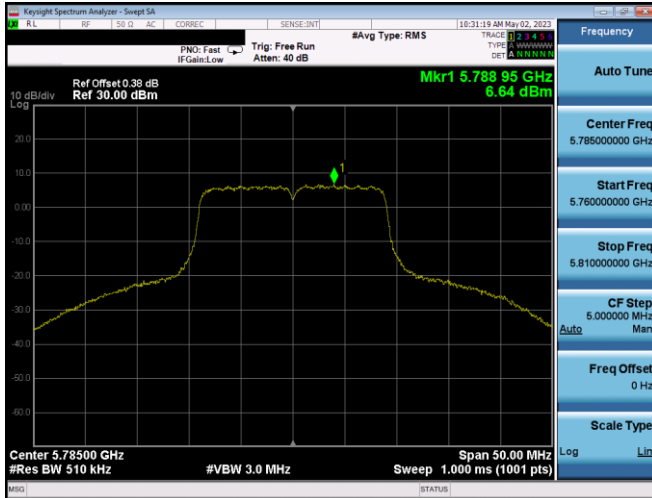


Plot 7-207. PSD Ant1 (40MHz BW 802.11n – Ch. 151, MCS4)



Plot 7-210. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

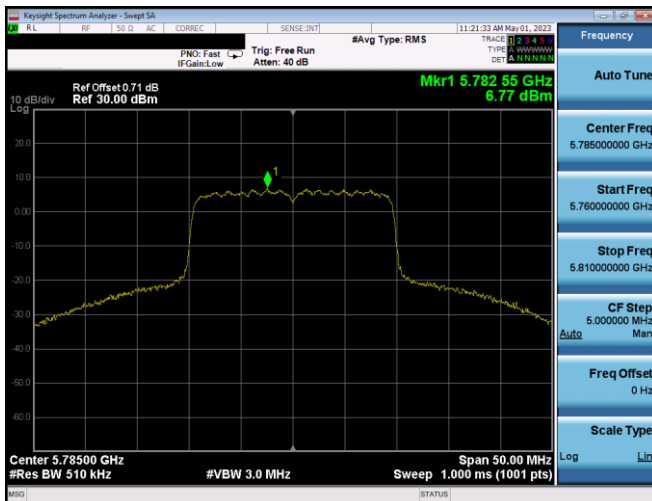
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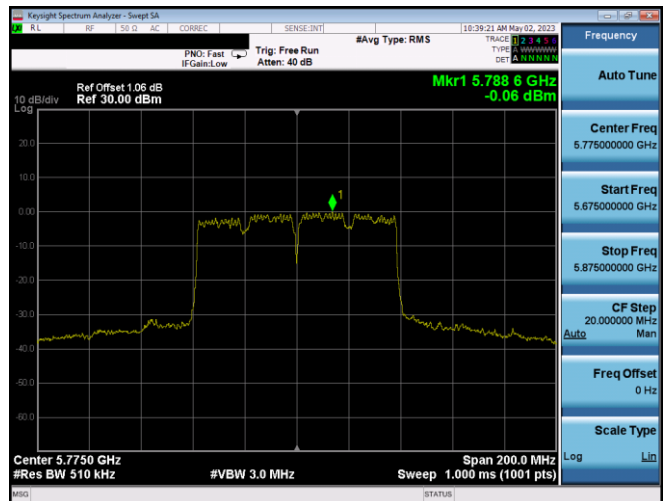
Plot 7-211. PSD Ant1 (20MHz BW 802.11n – Ch. 157, MCS7)



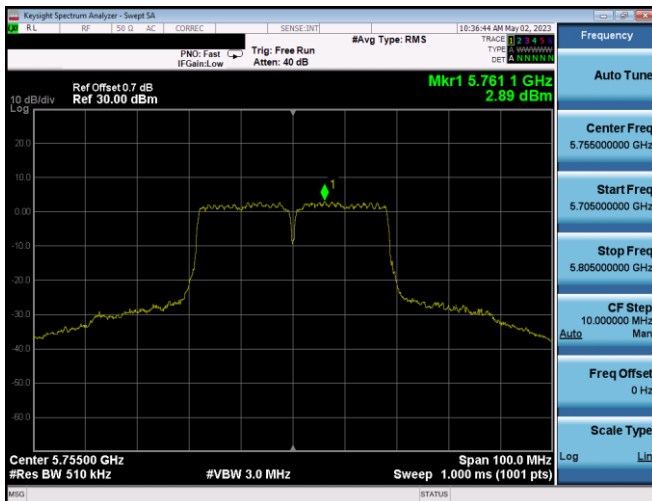
Plot 7-214. PSD Ant1 (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



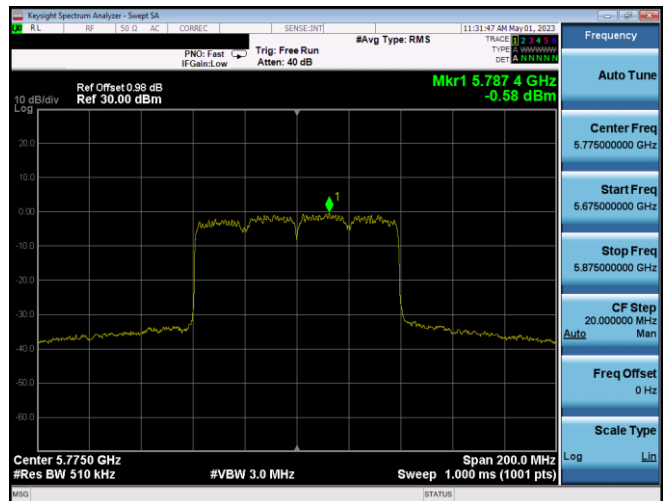
Plot 7-212. PSD Ant1 (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-215. PSD Ant1 (80MHz BW 802.11ac – Ch. 155, MCS8)



Plot 7-213. PSD Ant1 (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-216. PSD Ant1 (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

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	Frequency [MHz]	Channel No.	802.11 Mode	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]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	5.93	3.30	9.23	10.0	-0.77
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	6.03	3.30	9.33	10.0	-0.67
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	5.44	3.30	8.74	10.0	-1.26
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	3.96	3.30	7.26	10.0	-2.74
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	4.31	3.30	7.61	10.0	-2.39
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	3.97	3.30	7.27	10.0	-2.74
	5190	38	n (40MHz)	40.5/45 (MCS2)	3.76	3.30	7.06	10.0	-2.94
	5230	46	n (40MHz)	40.5/45 (MCS2)	5.65	3.30	8.95	10.0	-1.05
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	1.12	3.30	4.42	10.0	-5.58
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	4.02	3.30	7.32	10.0	-2.68
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-1.15	3.30	2.15	10.0	-7.85
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.79	3.30	-0.49	10.0	-10.49


Table 7-98. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Ant1 (Low Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	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]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	6.14	3.30	9.44	10.0	-0.56
	5200	40	n (20MHz)	39/43.3 (MCS4)	6.16	3.30	9.46	10.0	-0.54
	5240	48	n (20MHz)	39/43.3 (MCS4)	5.83	3.30	9.13	10.0	-0.87
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	4.88	3.30	8.18	10.0	-1.82
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	4.65	3.30	7.95	10.0	-2.05
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	4.22	3.30	7.52	10.0	-2.48
	5190	38	n (40MHz)	81/90 (MCS4)	3.69	3.30	6.99	10.0	-3.01
	5230	46	n (40MHz)	81/90 (MCS4)	5.73	3.30	9.03	10.0	-0.97
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	0.64	3.30	3.94	10.0	-6.06
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.36	3.30	7.66	10.0	-2.34
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-1.04	3.30	2.26	10.0	-7.74
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.88	3.30	-0.58	10.0	-10.58

Table 7-99. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Ant1 (Mid Data Rate)

	Frequency [MHz]	Channel No.	802.11 Mode	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]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.79	3.30	8.09	10.0	-1.91
	5200	40	n (20MHz)	65/72.2 (MCS7)	4.93	3.30	8.23	10.0	-1.77
	5240	48	n (20MHz)	65/72.2 (MCS7)	4.49	3.30	7.79	10.0	-2.21
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.90	3.30	8.20	10.0	-1.80
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	4.59	3.30	7.89	10.0	-2.11
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	4.51	3.30	7.81	10.0	-2.19
	5190	38	n (40MHz)	135/150 (MCS7)	1.60	3.30	4.90	10.0	-5.10
	5230	46	n (40MHz)	135/150 (MCS7)	4.47	3.30	7.77	10.0	-2.23
	5190	38	ax (SU) (40MHz)	271/286.8 (MCS11)	0.12	3.30	3.42	10.0	-6.58
	5230	46	ax (SU) (40MHz)	271/286.8 (MCS11)	4.22	3.30	7.52	10.0	-2.48
	5210	42	ac (80MHz)	351/390 (MCS8)	-2.72	3.30	0.58	10.0	-9.42
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.63	3.30	-1.33	10.0	-11.33

Table 7-100. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Ant1 (High Data Rate)

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