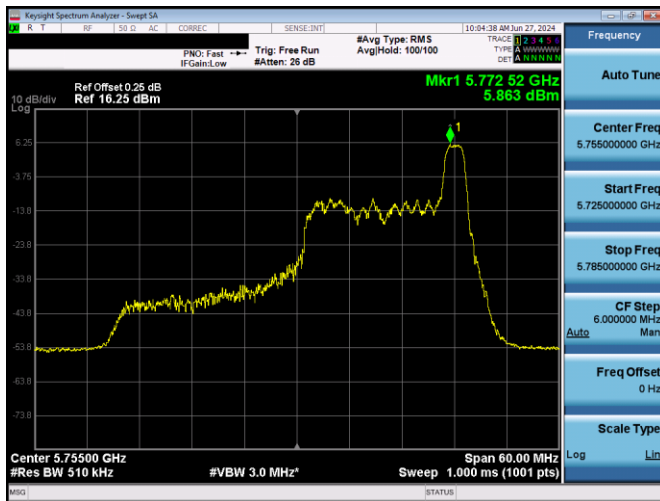
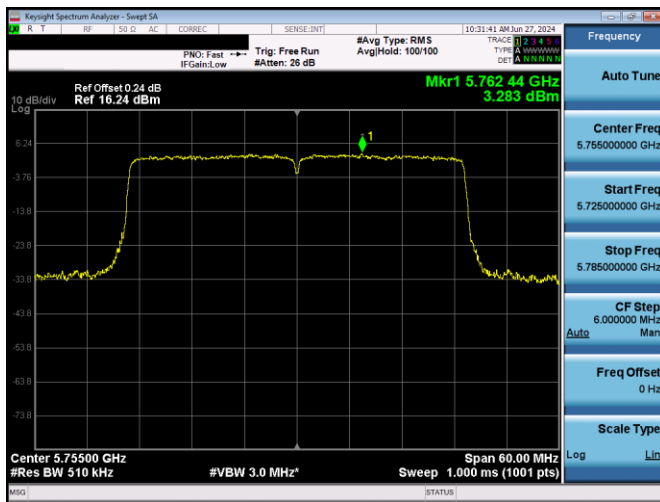




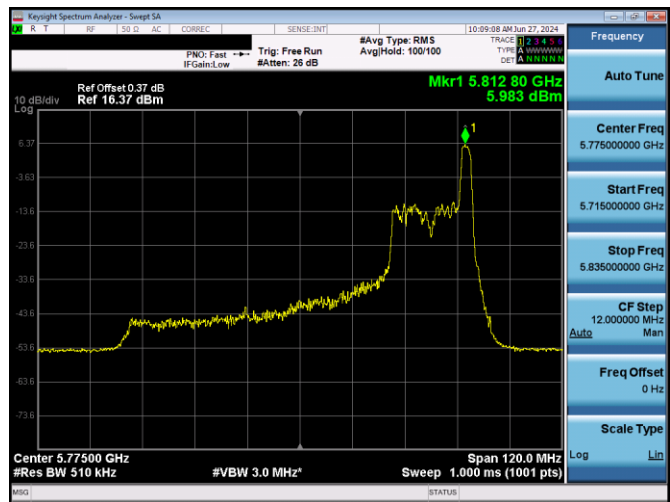
Plot 7-163. PSD Antenna WF5T (40MHz BW 11ax Index 17 - RU26 - Ch.151)



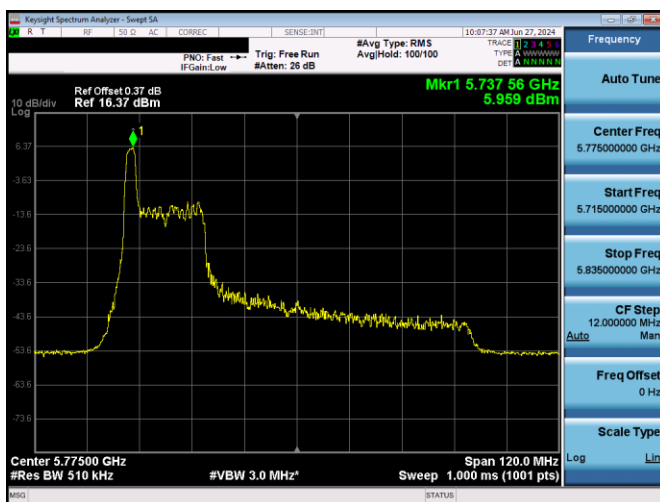
Plot 7-166. PSD Antenna WF5T (80MHz BW 11ax Index 18 - RU26 - Ch.155)



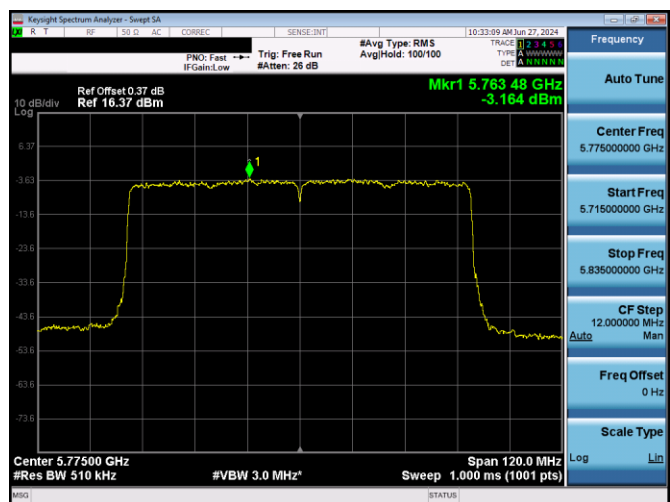
Plot 7-164. PSD Antenna WF5T (40MHz BW 11ax - RU484 - Ch.151)



Plot 7-167. PSD Antenna WF5T (80MHz BW 11ax Index 36 - RU26 - Ch.155)



Plot 7-165. PSD Antenna WF5T (80MHz BW 11ax Index 0 - RU26 - Ch.155)



Plot 7-168. PSD Antenna WF5T (80MHz BW 11ax - RU996 - Ch.155)

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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU 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]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	0.81	4.60	5.41	10.0	-4.59
				26	4	12.5/14.7 (MCS11)	0.16	4.60	4.76	10.0	-5.24
				26	8	12.5/14.7 (MCS11)	1.31	4.60	5.91	10.0	-4.09
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	1.86	4.60	6.46	10.0	-3.54
				26	4	12.5/14.7 (MCS11)	0.32	4.60	4.92	10.0	-5.08
				26	8	12.5/14.7 (MCS11)	1.11	4.60	5.71	10.0	-4.29
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	1.82	4.60	6.42	10.0	-3.59
				26	4	12.5/14.7 (MCS11)	0.93	4.60	5.53	10.0	-4.47
				26	8	12.5/14.7 (MCS11)	1.25	4.60	5.85	10.0	-4.15
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	1.14	4.60	5.74	10.0	-4.26
				26	8	12.5/14.7 (MCS11)	0.78	4.60	5.38	10.0	-4.62
				26	17	12.5/14.7 (MCS11)	0.93	4.60	5.53	10.0	-4.48
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	1.23	4.60	5.83	10.0	-4.17
				26	8	12.5/14.7 (MCS11)	1.29	4.60	5.89	10.0	-4.11
				26	17	12.5/14.7 (MCS11)	1.50	4.60	6.10	10.0	-3.90
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	1.71	4.60	6.31	10.0	-3.69
				26	18	12.5/14.7 (MCS11)	0.04	4.60	4.64	10.0	-5.36
				26	36	12.5/14.7 (MCS11)	1.09	4.60	5.69	10.0	-4.31
	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	1.53	4.60	6.13	10.0	-3.87
				52	52	25/29.4 (MCS11)	1.72	4.60	6.32	10.0	-3.68

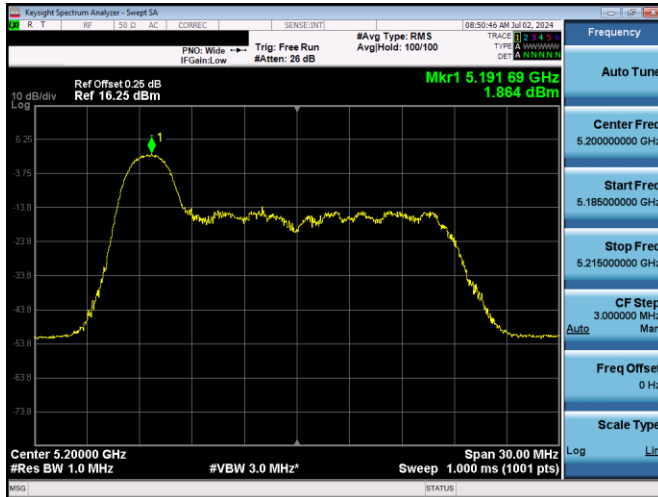
Table 7-107. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5T (RU26/52)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU 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]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	0.57	4.60	5.17	10.0	-4.84
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	0.58	4.60	5.18	10.0	-4.82
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	0.64	4.60	5.24	10.0	-4.76
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-1.37	4.60	3.23	10.0	-6.77
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.58	4.60	5.18	10.0	-4.82
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.31	4.60	0.29	10.0	-9.71
	5250	50	ax (160MHz)	996X2	68	1020.8/1201 (MCS11)	-8.87	4.80	-4.07	10.0	-14.07

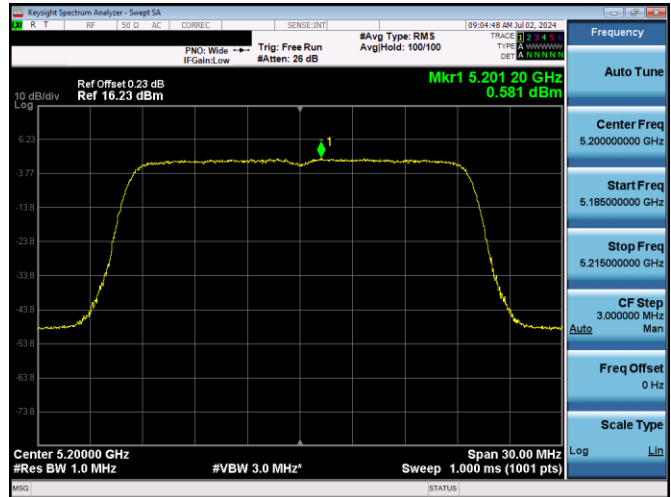
Table 7-108. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF5T (Fully-loaded RU)

FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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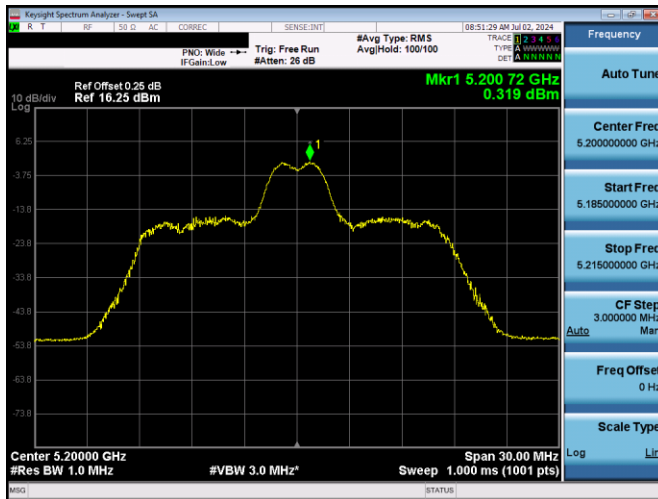
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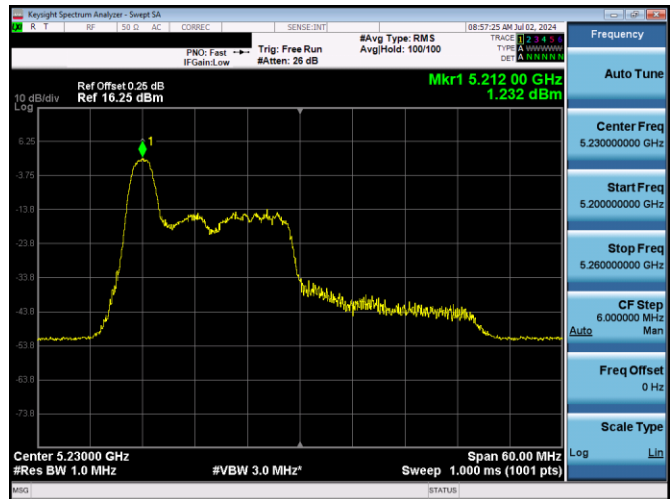
Plot 7-169. ISSED PSD Antenna WF5T (20MHz BW 11ax Index 0 - RU26 - Ch.40)



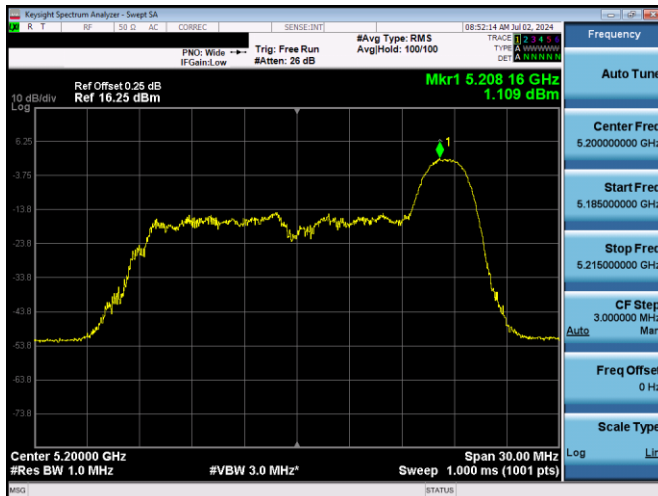
Plot 7-172. ISSED PSD Antenna WF5T (20MHz BW 11ax- RU242 - Ch.40)



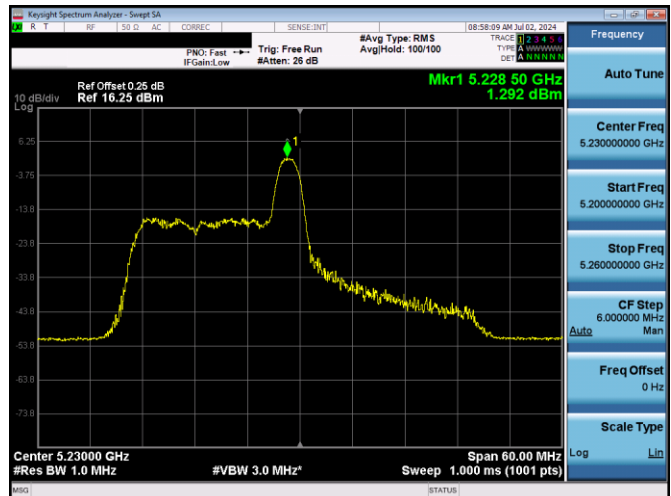
Plot 7-170. ISSED PSD Antenna WF5T (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-173. ISSED PSD Antenna WF5T (40MHz BW 11ax Index 0 - RU26 - Ch.46)

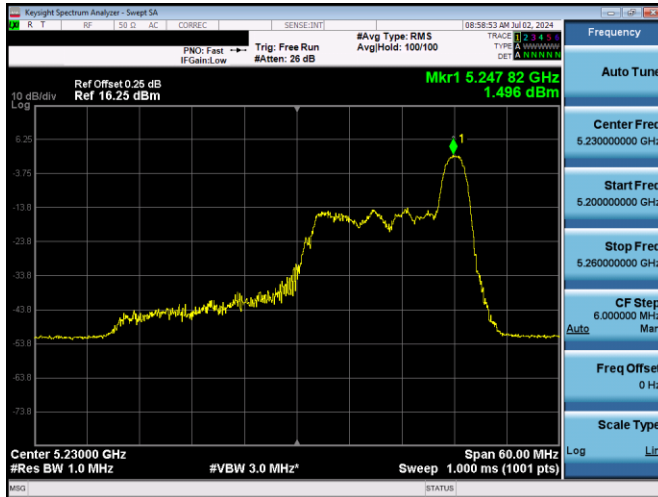


Plot 7-171. ISSED PSD Antenna WF5T (20MHz BW 11ax Index 8 - RU26 - Ch.40)



Plot 7-174. ISSED PSD Antenna WF5T (40MHz BW 11ax Index 8 - RU26 - Ch.46)

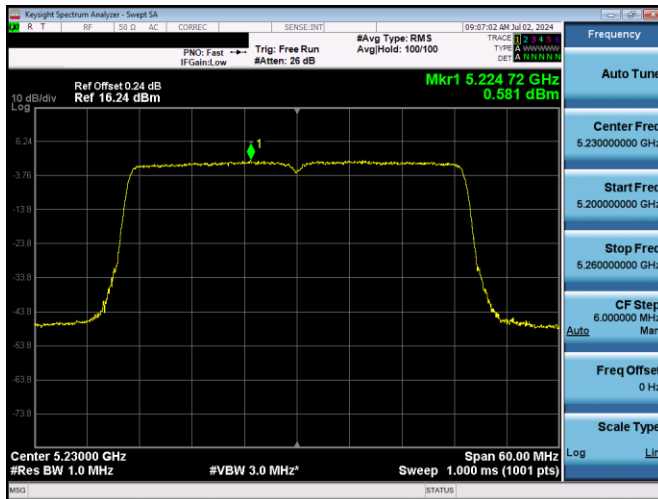
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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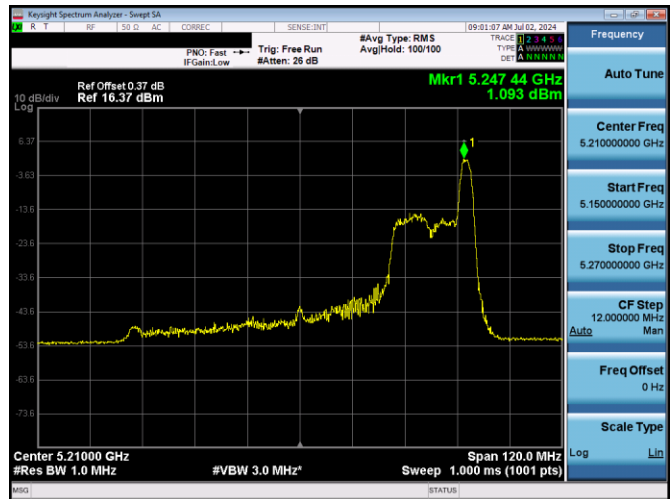
Plot 7-175. ISSED PSD Antenna WF5T (40MHz BW 11ax Index 17 - RU26 - Ch.46)



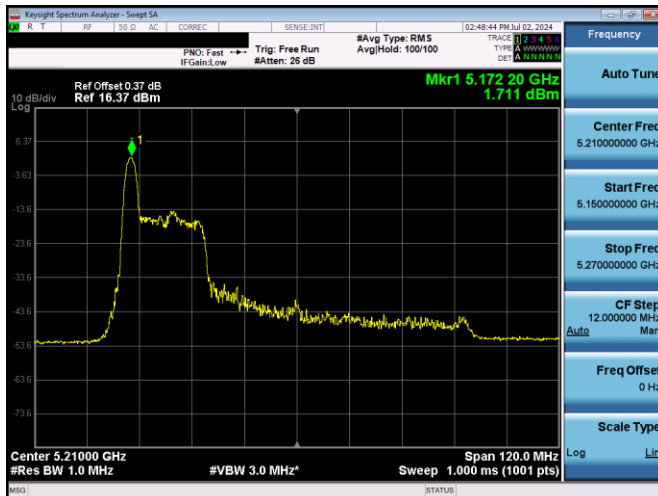
Plot 7-178. ISSED PSD Antenna WF5T (80MHz BW 11ax Index 18 - RU26 - Ch.42)



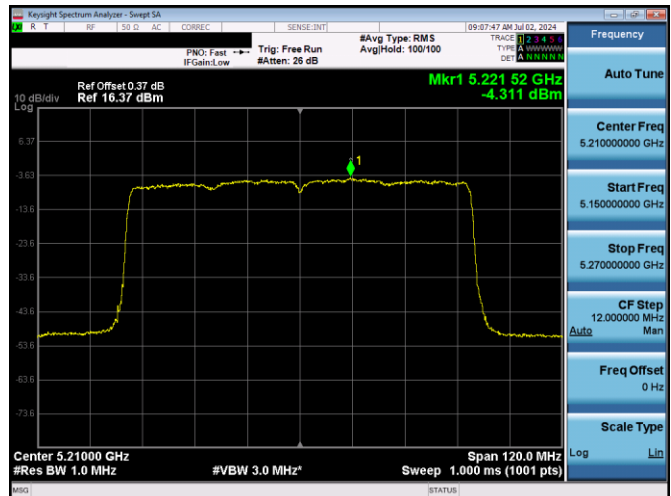
Plot 7-176. ISSED PSD Antenna WF5T (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-179. ISSED PSD Antenna WF5T (80MHz BW 11ax Index 36 - RU26 - Ch.42)



Plot 7-177. ISSED PSD Antenna WF5T (80MHz BW 11ax Index 0 - RU26 - Ch.42)

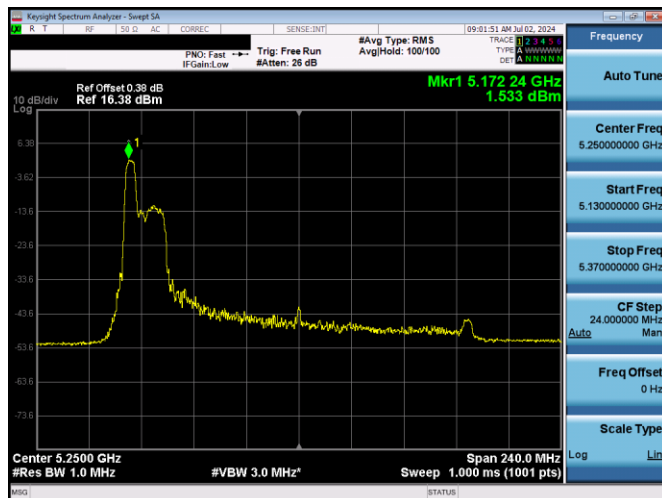


Plot 7-180. ISSED PSD Antenna WF5T (80MHz BW 11ax - RU996 - Ch.42)

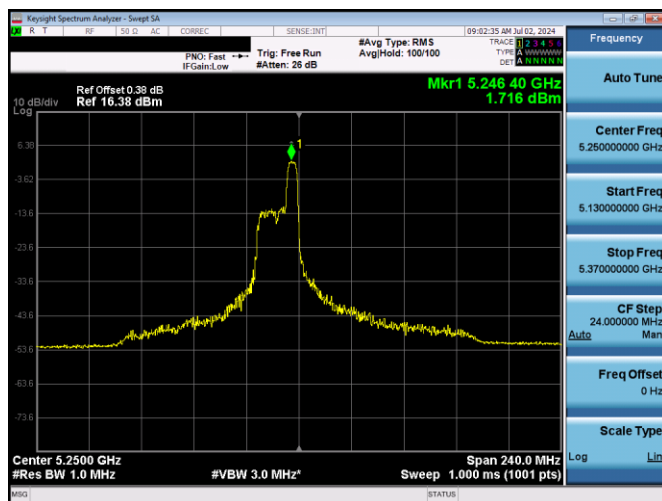
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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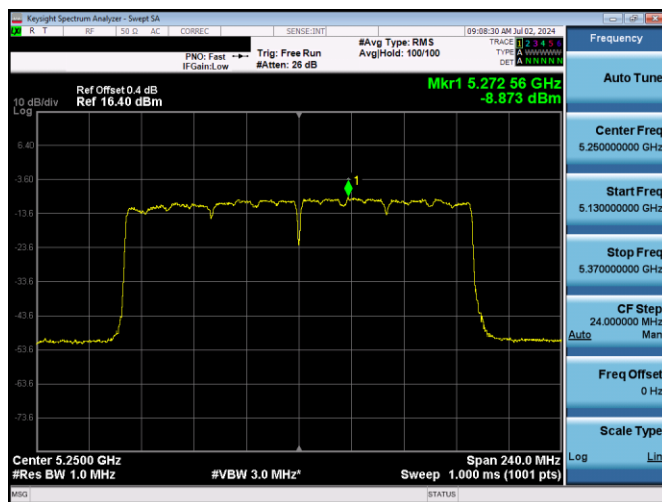
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Plot 7-181. ISED PSD Antenna WF5T (160MHz BW 11ax Index 37 – RU52 – Ch.50 (L))



Plot 7-182. ISED PSD Antenna WF5T (160MHz BW 11ax Index 52 – RU52 – Ch.50 (L))



Plot 7-183. ISED PSD Antenna WF5T (160MHz BW 11ax – RU996x2 – Ch.50)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.5.2 Antenna WF2 Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	9.24	11.0	-1.76
				26	4	12.5/14.7 (MCS11)	8.26	11.0	-2.74
				26	8	12.5/14.7 (MCS11)	9.08	11.0	-1.92
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	9.14	11.0	-1.87
				26	4	12.5/14.7 (MCS11)	8.03	11.0	-2.97
				26	8	12.5/14.7 (MCS11)	8.86	11.0	-2.14
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	9.10	11.0	-1.90
				26	4	12.5/14.7 (MCS11)	8.08	11.0	-2.92
				26	8	12.5/14.7 (MCS11)	9.38	11.0	-1.62
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.81	11.0	-2.19
				26	8	12.5/14.7 (MCS11)	9.07	11.0	-1.93
				26	17	12.5/14.7 (MCS11)	9.02	11.0	-1.98
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.51	11.0	-2.49
				26	8	12.5/14.7 (MCS11)	9.02	11.0	-1.98
				26	17	12.5/14.7 (MCS11)	8.76	11.0	-2.24
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	9.24	11.0	-1.76
				26	18	12.5/14.7 (MCS11)	7.52	11.0	-3.48
				26	36	12.5/14.7 (MCS11)	9.31	11.0	-1.69

Table 7-109. Band 1 Power Spectral Density Measurements Antenna WF2 (RU26)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1/2A	5250	50 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	6.40	11.0	-4.60
		52		52	25/29.4 (MCS11)	6.19	11.0	-4.81	
		52		52	25/29.4 (MCS11)	6.00	11.0	-5.00	
Band 2A	5260	52	ax (20MHz)	52	37	25/29.4 (MCS11)	9.21	11.0	-1.79
				52	38	25/29.4 (MCS11)	9.64	11.0	-1.36
				52	40	25/29.4 (MCS11)	9.59	11.0	-1.41
	5300	60	ax (20MHz)	52	37	25/29.4 (MCS11)	9.58	11.0	-1.42
				52	38	25/29.4 (MCS11)	9.56	11.0	-1.44
				52	40	25/29.4 (MCS11)	9.59	11.0	-1.41
	5320	64	ax (20MHz)	52	37	25/29.4 (MCS11)	9.31	11.0	-1.69
				52	38	25/29.4 (MCS11)	9.42	11.0	-1.58
				52	40	25/29.4 (MCS11)	9.62	11.0	-1.38
	5270	54	ax (40MHz)	52	37	25/29.4 (MCS11)	9.29	11.0	-1.71
				52	40	25/29.4 (MCS11)	9.39	11.0	-1.61
				52	44	25/29.4 (MCS11)	9.42	11.0	-1.58
	5310	62	ax (40MHz)	52	37	25/29.4 (MCS11)	9.58	11.0	-1.42
				52	40	25/29.4 (MCS11)	8.94	11.0	-2.06
				52	44	25/29.4 (MCS11)	9.48	11.0	-1.52
	5290	58	ax (80MHz)	52	37	25/29.4 (MCS11)	9.65	11.0	-1.35
				52	44	25/29.4 (MCS11)	9.67	11.0	-1.33
				52	52	25/29.4 (MCS11)	9.46	11.0	-1.54
Band 2C	5500	100	ax (20MHz)	52	37	25/29.4 (MCS11)	9.69	11.0	-1.31
				52	38	25/29.4 (MCS11)	9.24	11.0	-1.76
				52	40	25/29.4 (MCS11)	9.52	11.0	-1.48
	5580	116	ax (20MHz)	52	37	25/29.4 (MCS11)	9.70	11.0	-1.30
				52	38	25/29.4 (MCS11)	9.50	11.0	-1.50
				52	40	25/29.4 (MCS11)	9.26	11.0	-1.74
	5720	144	ax (20MHz)	52	37	25/29.4 (MCS11)	9.66	11.0	-1.34
				52	38	25/29.4 (MCS11)	9.94	11.0	-1.07
				52	40	25/29.4 (MCS11)	9.74	11.0	-1.26
	5510	102	ax (40MHz)	52	37	25/29.4 (MCS11)	8.27	11.0	-2.73
				52	40	25/29.4 (MCS11)	8.11	11.0	-2.89
				52	44	25/29.4 (MCS11)	8.38	11.0	-2.62
	5550	110	ax (40MHz)	52	37	25/29.4 (MCS11)	9.54	11.0	-1.46
				52	40	25/29.4 (MCS11)	9.42	11.0	-1.58
				52	44	25/29.4 (MCS11)	9.15	11.0	-1.85
	5590	118	ax (40MHz)	52	37	25/29.4 (MCS11)	9.56	11.0	-1.44
				52	40	25/29.4 (MCS11)	9.61	11.0	-1.39
				52	44	25/29.4 (MCS11)	9.84	11.0	-1.16
	5670	134	ax (40MHz)	52	37	25/29.4 (MCS11)	9.28	11.0	-1.72
				52	40	25/29.4 (MCS11)	9.62	11.0	-1.38
				52	44	25/29.4 (MCS11)	9.90	11.0	-1.10
	5710	142	ax (40MHz)	52	37	25/29.4 (MCS11)	9.78	11.0	-1.22
				52	40	25/29.4 (MCS11)	9.63	11.0	-1.37
				52	44	25/29.4 (MCS11)	9.72	11.0	-1.28
	5530	106	ax (80MHz)	52	37	25/29.4 (MCS11)	6.88	11.0	-4.12
				52	44	25/29.4 (MCS11)	7.00	11.0	-4.01
				52	52	25/29.4 (MCS11)	7.12	11.0	-3.88
	5610*	122	ax (80MHz)	52	37	25/29.4 (MCS11)	10.19	11.0	-0.81
				52	44	25/29.4 (MCS11)	9.73	11.0	-1.27
				52	52	25/29.4 (MCS11)	9.32	11.0	-1.68
	5690	138	ax (80MHz)	52	37	25/29.4 (MCS11)	9.79	11.0	-1.21
				52	44	25/29.4 (MCS11)	9.30	11.0	-1.70
				52	52	25/29.4 (MCS11)	9.43	11.0	-1.58
	5570*	114 (L)	ax (160MHz)	52	37	25/29.4 (MCS11)	5.37	11.0	-5.63
		114 (U)		52	52	25/29.4 (MCS11)	5.51	11.0	-5.49
				52	52	25/29.4 (MCS11)	5.58	11.0	-5.42

Table 7-110. Bands 2A, 2C Power Spectral Density Measurements Antenna WF2 (RU52)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.91	11.0	-6.09
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.59	11.0	-2.41
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.52	11.0	-2.48
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.29	11.0	-10.71
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	6.70	11.0	-4.30
Band 1/2A	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.66	11.0	-14.66
	5250	50	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-7.38	11.0	-18.38
Band 2A	5260	52	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.72	11.0	-2.28
	5300	60	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.73	11.0	-2.27
	5320	64	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.02	11.0	-5.98
	5270	54	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.80	11.0	-5.20
	5310	62	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.89	11.0	-10.11
Band 2C	5290	58	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-1.40	11.0	-12.40
	5500	100	ax (20MHz)	242	61	121.9/143.4 (MCS11)	3.48	11.0	-7.52
	5580	116	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.98	11.0	-2.02
	5720	144	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.74	11.0	-2.26
	5510	102	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.66	11.0	-11.66
	5550	110	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.12	11.0	-6.88
	5590	118	ax (40MHz)	484	65	243.8/286.8 (MCS11)	6.91	11.0	-4.09
	5670	134	ax (40MHz)	484	65	243.8/286.8 (MCS11)	2.03	11.0	-8.97
	5710	142	ax (40MHz)	484	65	243.8/286.8 (MCS11)	7.12	11.0	-3.89
	5530	106	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.29	11.0	-15.29
	5610*	122	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.43	11.0	-9.57
	5690	138	ax (80MHz)	996	67	510.4/600.5 (MCS11)	4.22	11.0	-6.78
	5570*	114	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.48	11.0	-19.48

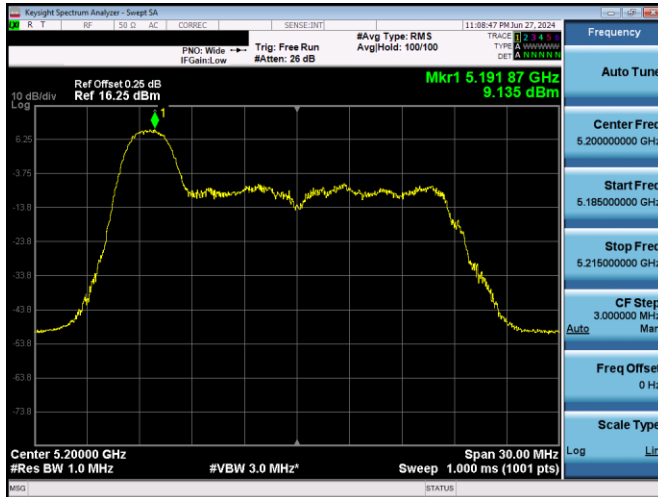
Table 7-111. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF2 (Fully-loaded RU)

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

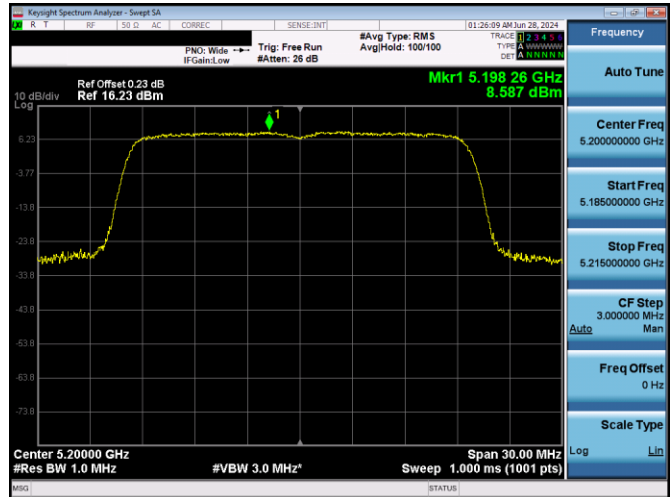
FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 103 of 274

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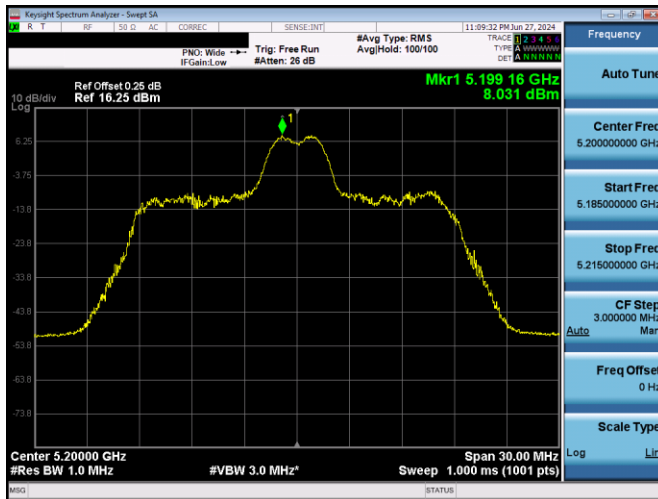
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Plot 7-184. PSD Antenna WF2 (20MHz BW 11ax Index 0 - RU26 - Ch.40)



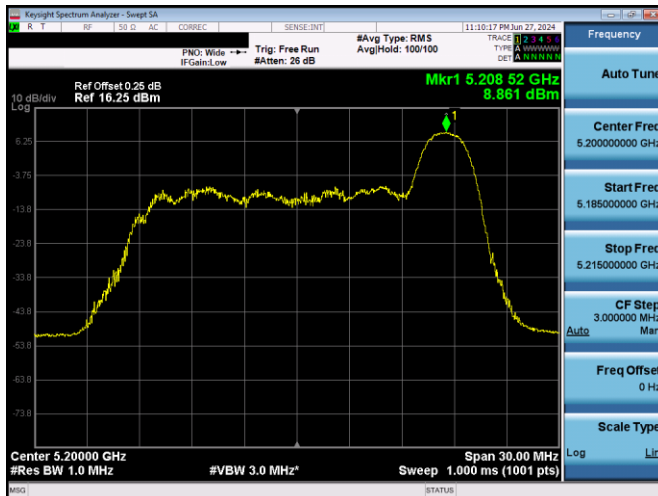
Plot 7-187. PSD Antenna WF2 (20MHz BW 11ax- RU242 - Ch.40)



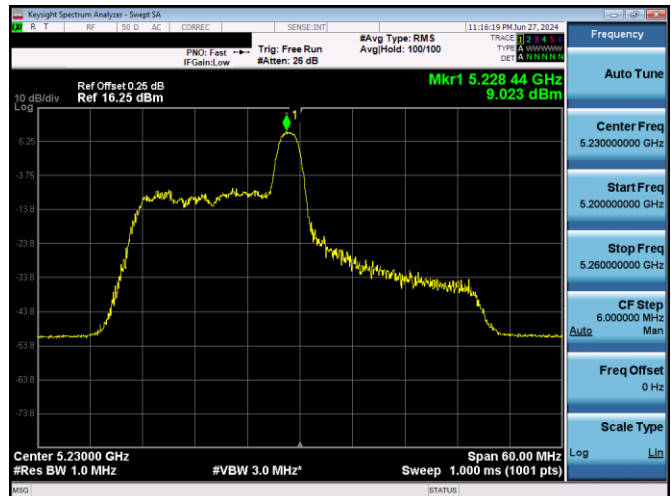
Plot 7-185. PSD Antenna WF2 (20MHz BW 11ax Index 4 - RU26 - Ch.40)



Plot 7-188. PSD Antenna WF2 (40MHz BW 11ax Index 0 - RU26 - Ch.46)

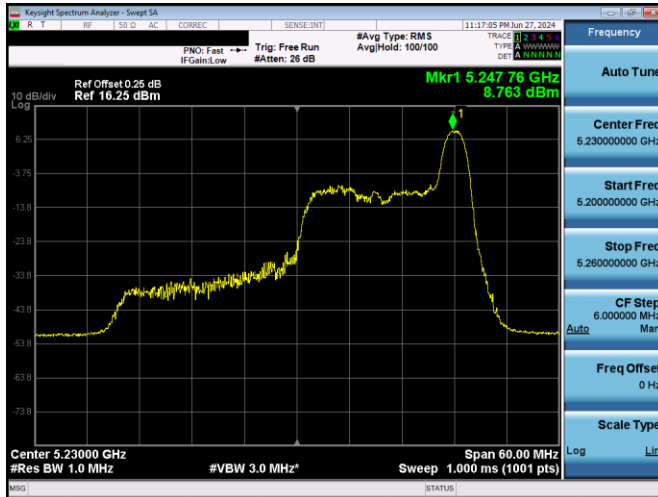


Plot 7-186. PSD Antenna WF2 (20MHz BW 11ax Index 8- RU26 - Ch.40)



Plot 7-189. PSD Antenna WF2 (40MHz BW 11ax Index 8 - RU26 - Ch.46)

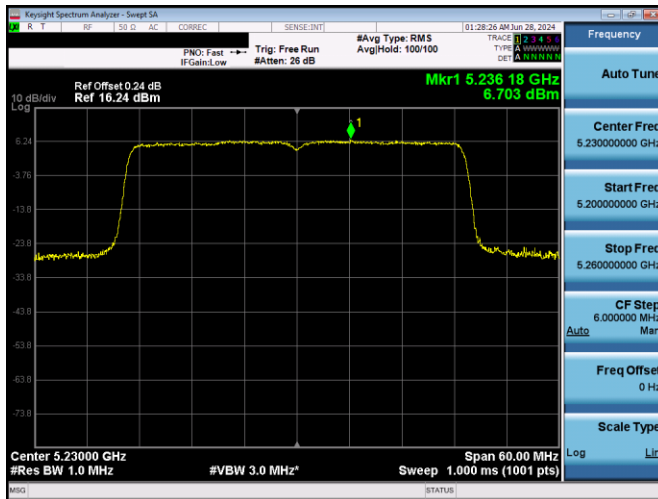
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 104 of 274



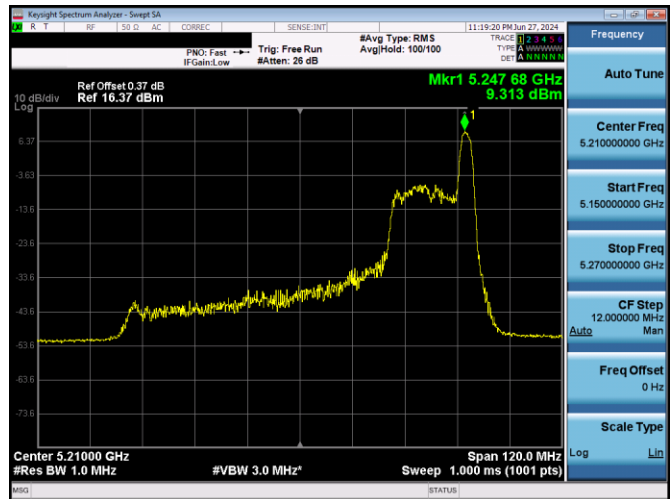
Plot 7-190. PSD Antenna WF2 (40MHz BW 11ax Index 17 - RU26 - Ch.46)



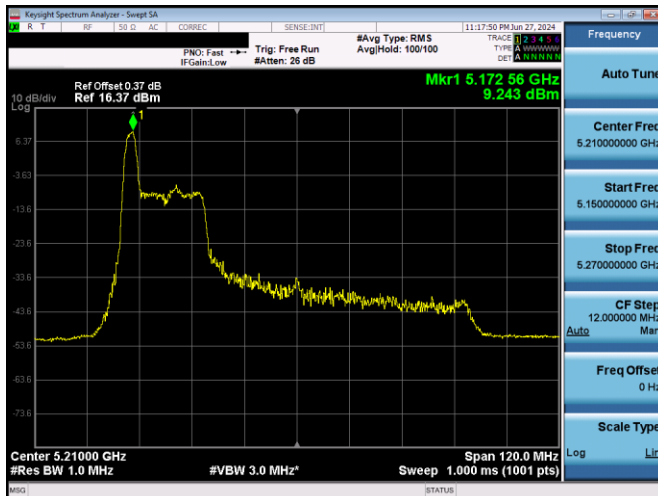
Plot 7-193. PSD Antenna WF2 (80MHz BW 11ax Index 18 - RU26 - Ch.42)



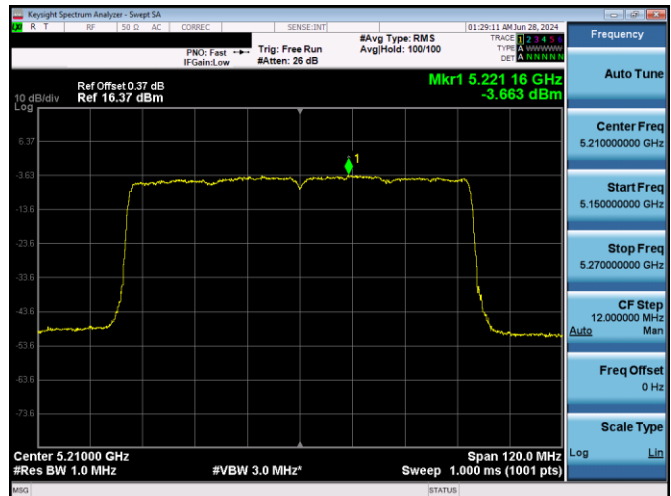
Plot 7-191. PSD Antenna WF2 (40MHz BW 11ax - RU484 - Ch.46)



Plot 7-194. PSD Antenna WF2 (80MHz BW 11ax Index 36 - RU26 - Ch.42)

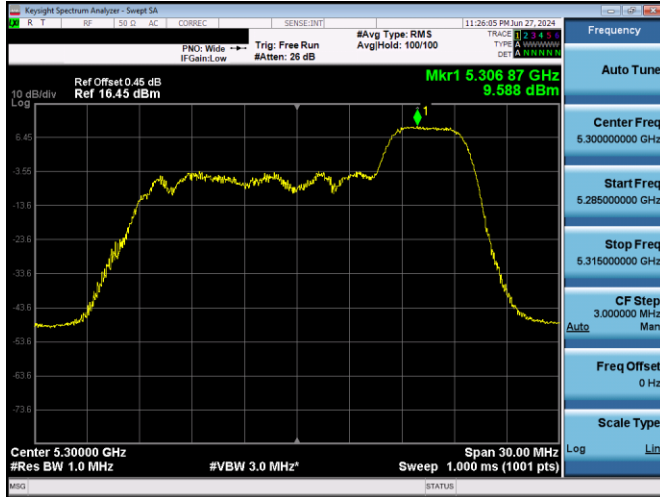


Plot 7-192. PSD Antenna WF2 (80MHz BW 11ax Index 0 - RU26 - Ch.42)

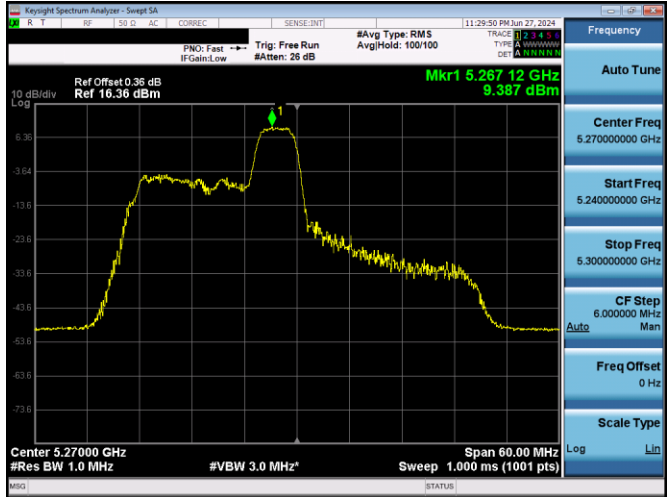


Plot 7-195. PSD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.42)

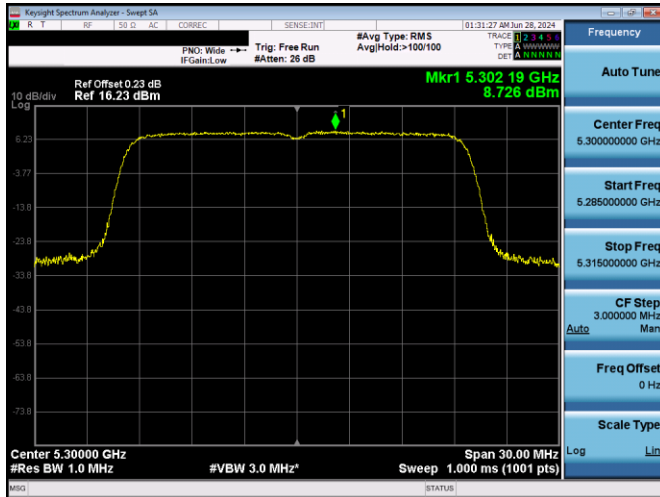
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 105 of 274



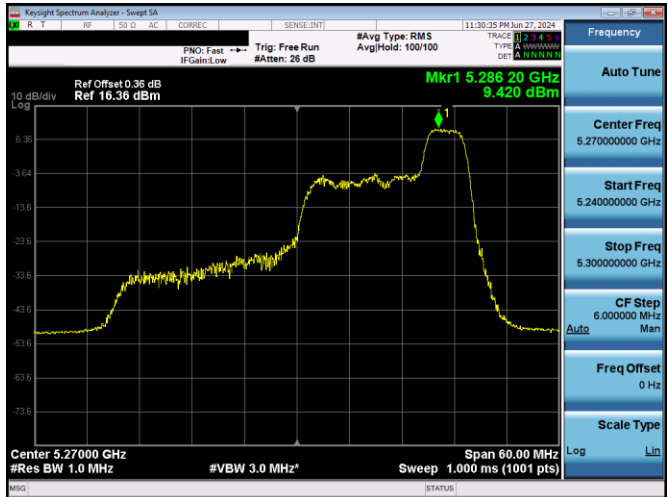
Plot 7-202. PSD Antenna WF2 (20MHz BW 11ax Index 40 - RU52 - Ch.60)



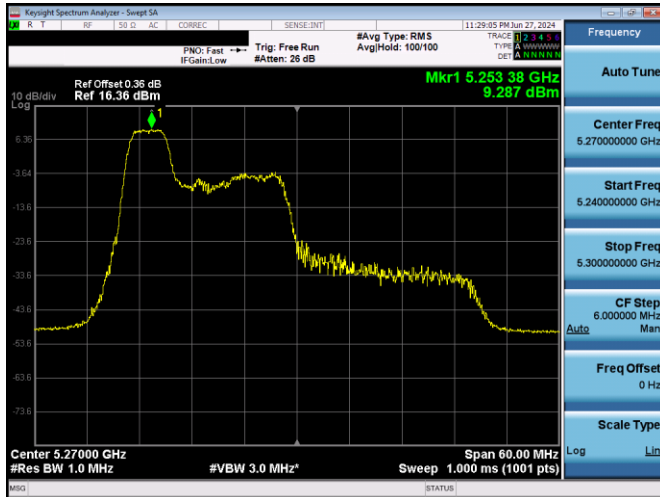
Plot 7-205. PSD Antenna WF2 (40MHz BW 11ax Index 40 - RU52 - Ch.54)



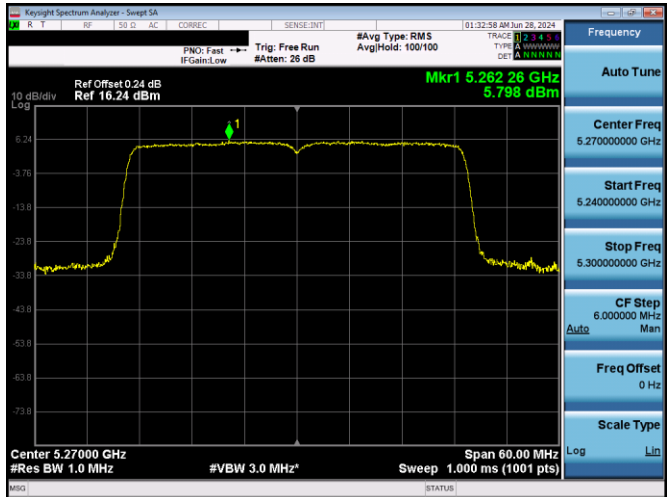
Plot 7-203. PSD Antenna WF2 (20MHz BW 11ax - RU242 - Ch.60)



Plot 7-206. PSD Antenna WF2 (40MHz BW 11ax Index 44 - RU52 - Ch.54)

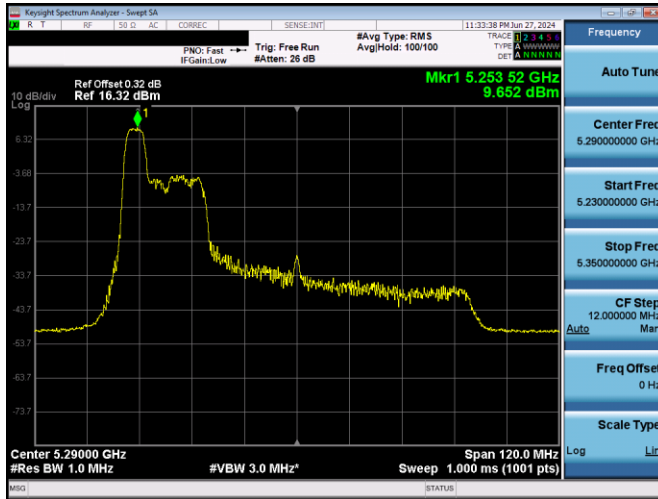


Plot 7-204. PSD Antenna WF2 (40MHz BW 11ax Index 37 - RU52 - Ch.54)

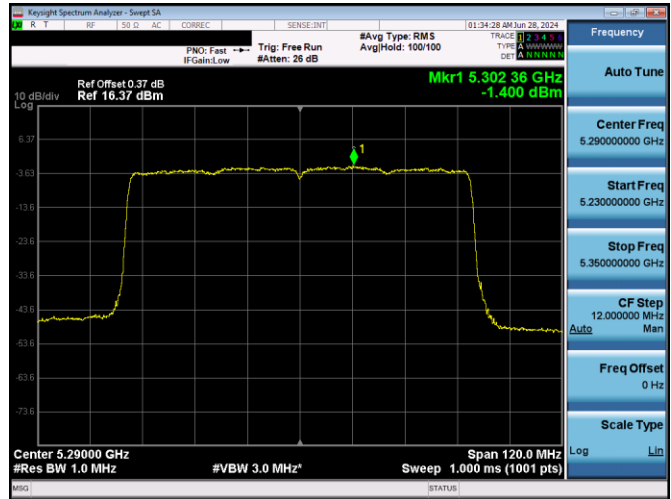


Plot 7-207. PSD Antenna WF2 (40MHz BW 11ax - RU484 - Ch.54)

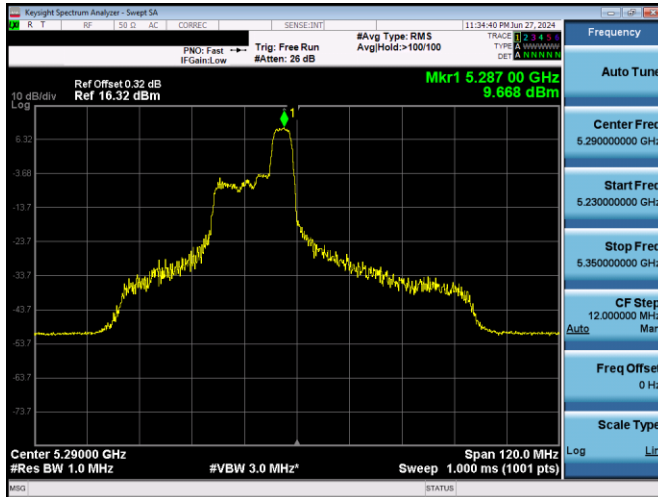
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 107 of 274



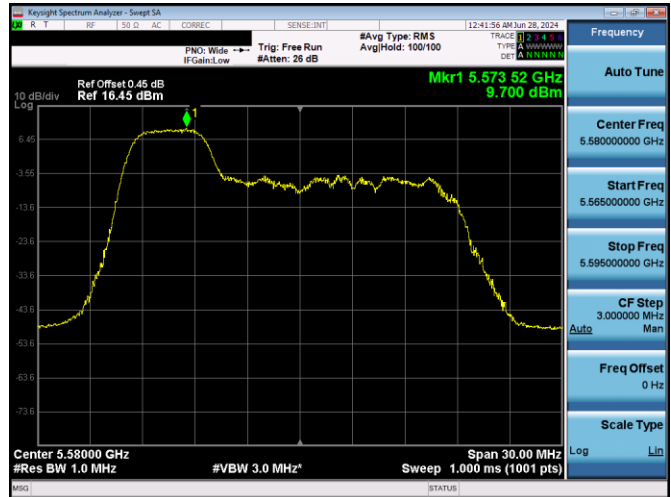
Plot 7-208. PSD Antenna WF2 (80MHz BW 11ax Index 37 - RU52 - Ch.58)



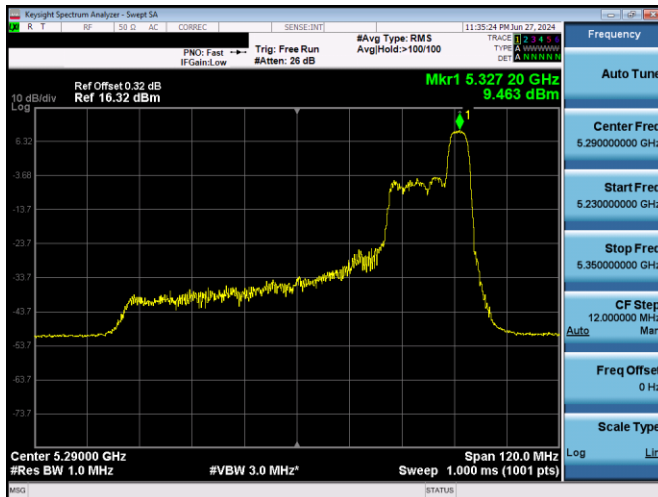
Plot 7-211. PSD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.58)



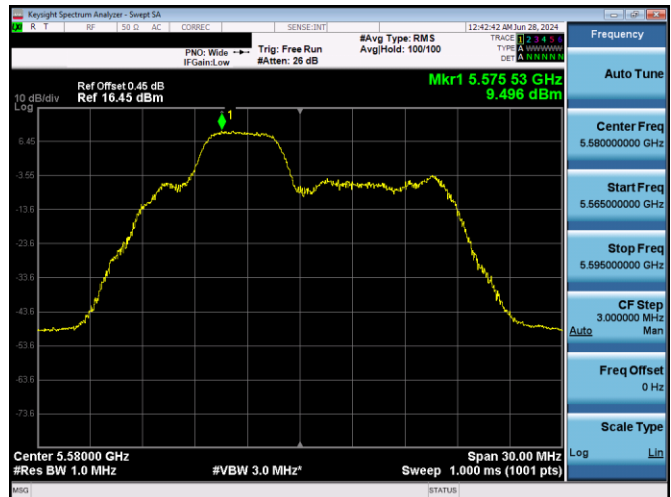
Plot 7-209. PSD Antenna WF2 (80MHz BW 11ax Index 44 - RU52 - Ch.58)



Plot 7-212. PSD Antenna WF2 (20MHz BW 11ax Index 37 - RU52 - Ch.116)

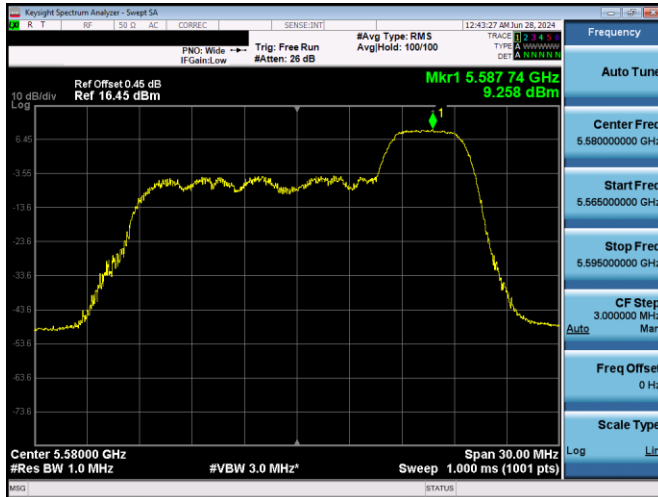


Plot 7-210. PSD Antenna WF2 (80MHz BW 11ax Index 52 - RU52 - Ch.58)

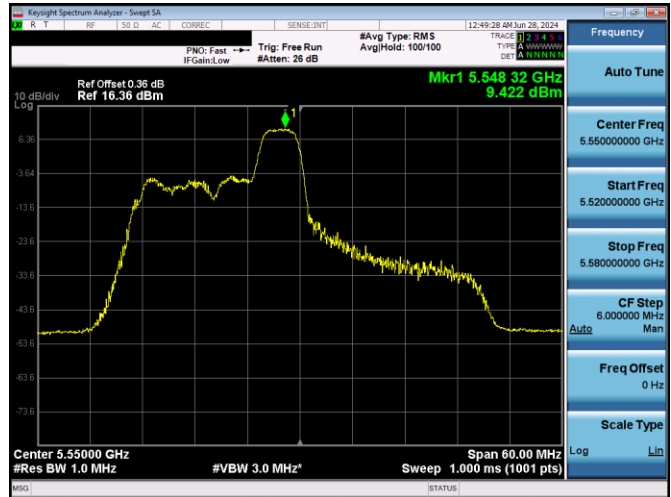


Plot 7-213. PSD Antenna WF2 (20MHz BW 11ax Index 38 - RU52 - Ch.116)

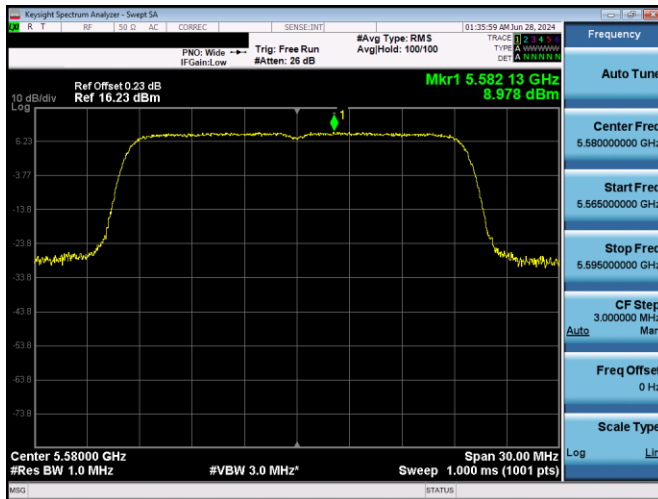
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 108 of 274



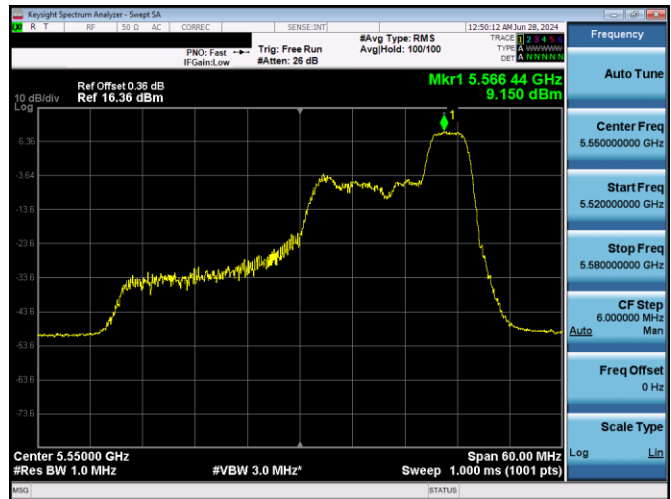
Plot 7-214. PSD Antenna WF2 (20MHz BW 11ax Index 40 - RU52 - Ch.116)



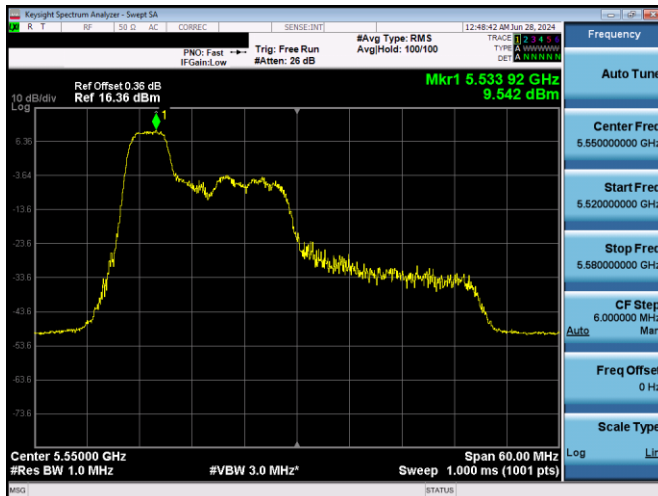
Plot 7-217. PSD Antenna WF2 (40MHz BW 11ax Index 40 - RU52 - Ch.110)



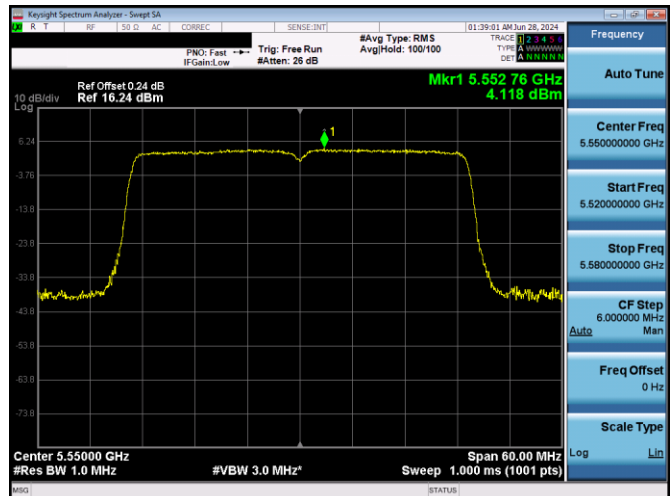
Plot 7-215. PSD Antenna WF2 (20MHz BW 11ax- RU242 - Ch.116)



Plot 7-218. PSD Antenna WF2 (40MHz BW 11ax Index 44 - RU52 - Ch.110)



Plot 7-216. PSD Antenna WF2 (40MHz BW 11ax Index 37 - RU52 - Ch.110)

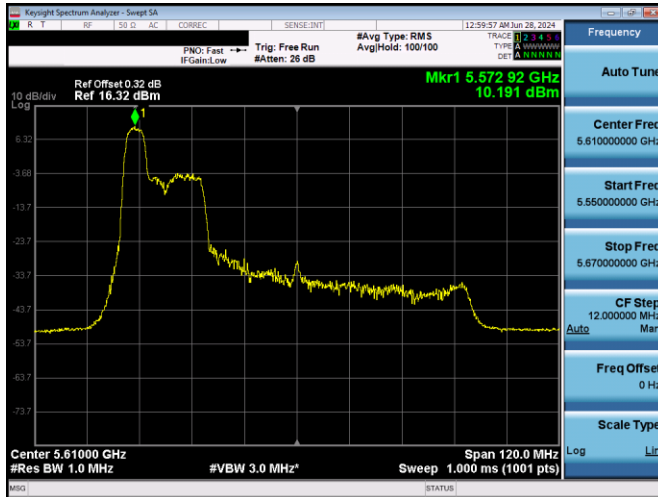


Plot 7-219. PSD Antenna WF2 (40MHz BW 11ax - RU484 - Ch.110)

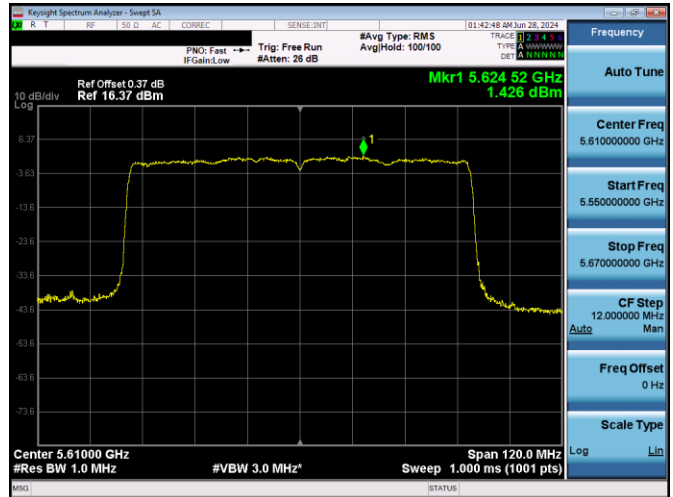
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2405200017-12-R1.BCG	Test Dates: 5/20/2024 - 8/28/2024	EUT Type: Tablet Device	Page 109 of 274

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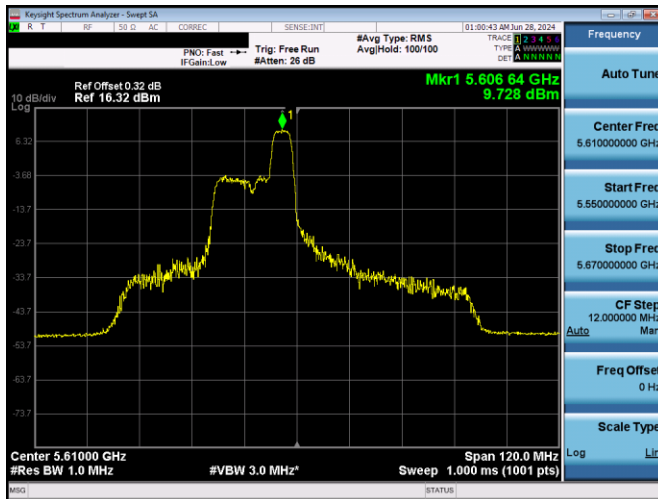
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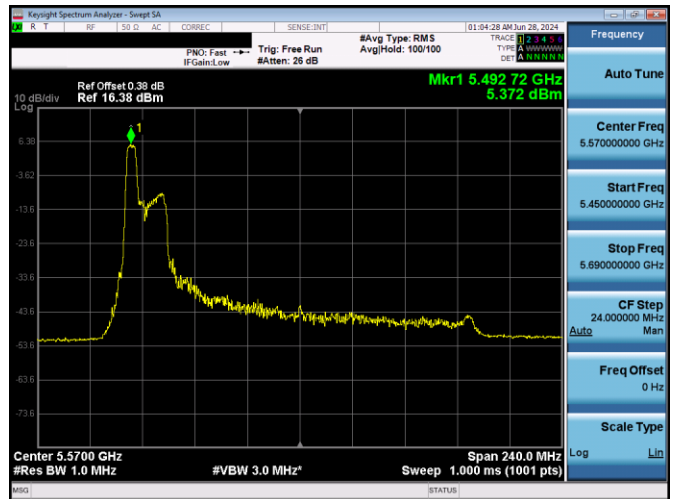
Plot 7-220. PSD Antenna WF2 (80MHz BW 11ax Index 37 - RU52 - Ch.122)



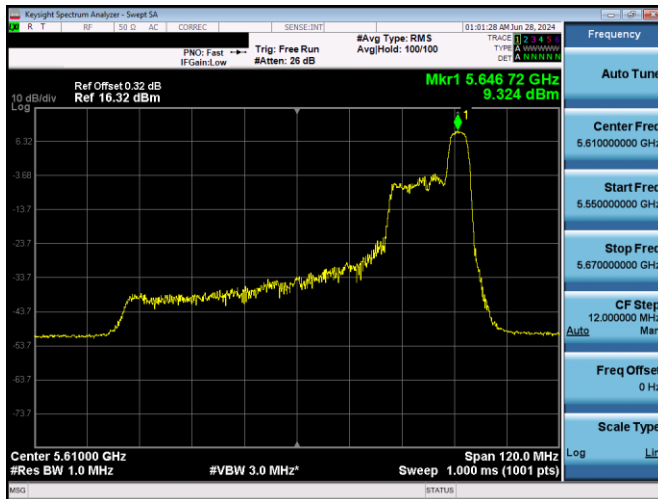
Plot 7-223. PSD Antenna WF2 (80MHz BW 11ax - RU996 - Ch.122)



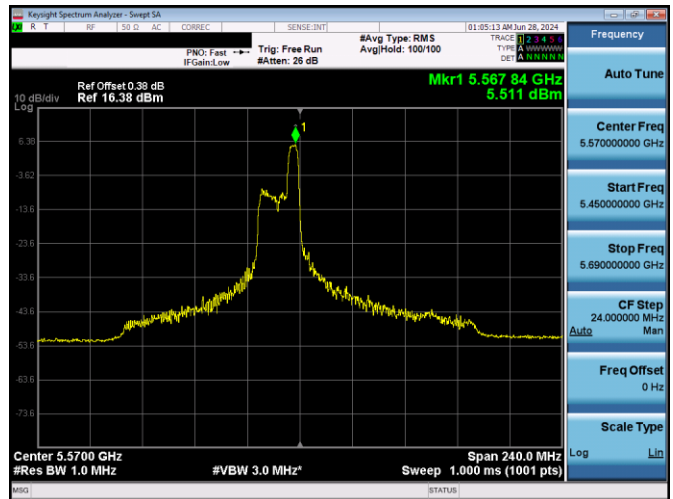
Plot 7-221. PSD Antenna WF2 (80MHz BW 11ax Index 44 - RU52 - Ch.122)



Plot 7-224. PSD Antenna WF2 (160MHz BW 11ax Index 37 - RU52 - Ch.114 (L))

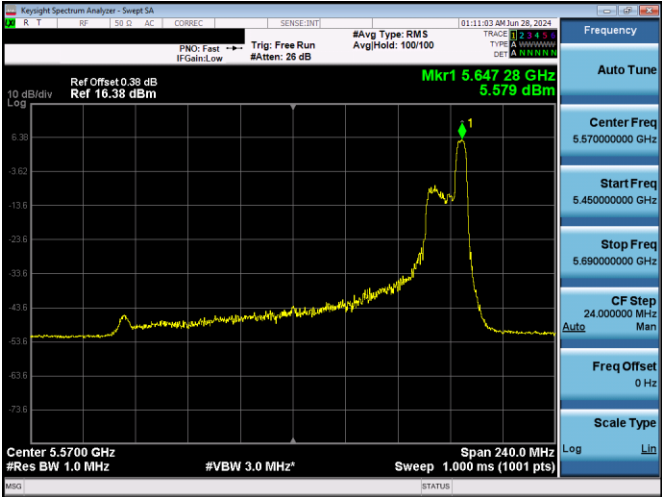


Plot 7-222. PSD Antenna WF2 (80MHz BW 11ax Index 52 - RU52 - Ch.122)

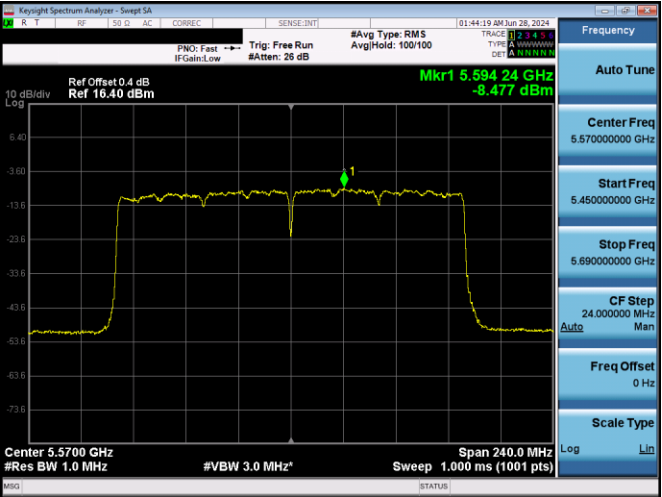


Plot 7-225. PSD Antenna WF2 (160MHz BW 11ax Index 44 - RU52 - Ch.114 (L))

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-226. PSD Antenna WF2 (160MHz BW 11ax Index 52 – RU52 – Ch.114 (U))



Plot 7-227. PSD Antenna WF2 (160MHz BW 11ax – RU996x2 – Ch.114)

FCC ID: BCGA2993 IC: 579C-A2993	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.21	30.0	-23.79
				26	4	12.5/14.7 (MCS11)	6.00	30.0	-24.00
				26	8	12.5/14.7 (MCS11)	6.58	30.0	-23.42
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.72	30.0	-23.28
				26	4	12.5/14.7 (MCS11)	6.40	30.0	-23.60
				26	8	12.5/14.7 (MCS11)	6.97	30.0	-23.03
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.81	30.0	-23.19
				26	4	12.5/14.7 (MCS11)	7.07	30.0	-22.93
				26	8	12.5/14.7 (MCS11)	6.64	30.0	-23.36
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.17	30.0	-23.83
				26	8	12.5/14.7 (MCS11)	6.23	30.0	-23.77
				26	17	12.5/14.7 (MCS11)	6.58	30.0	-23.42
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.52	30.0	-23.48
				26	8	12.5/14.7 (MCS11)	6.34	30.0	-23.66
				26	17	12.5/14.7 (MCS11)	6.72	30.0	-23.28
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.13	30.0	-22.87
				26	18	12.5/14.7 (MCS11)	6.48	30.0	-23.52
				26	36	12.5/14.7 (MCS11)	7.17	30.0	-22.83

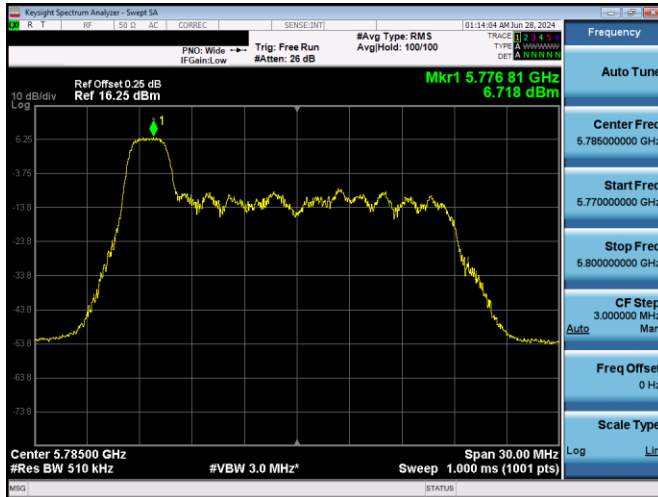
Table 7-112. Band 3 Power Spectral Density Measurements Antenna WF2 (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.98	30.0	-23.02
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.99	30.0	-23.01
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	7.23	30.0	-22.77
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.06	30.0	-25.94
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.96	30.0	-26.04
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-2.23	30.0	-32.23

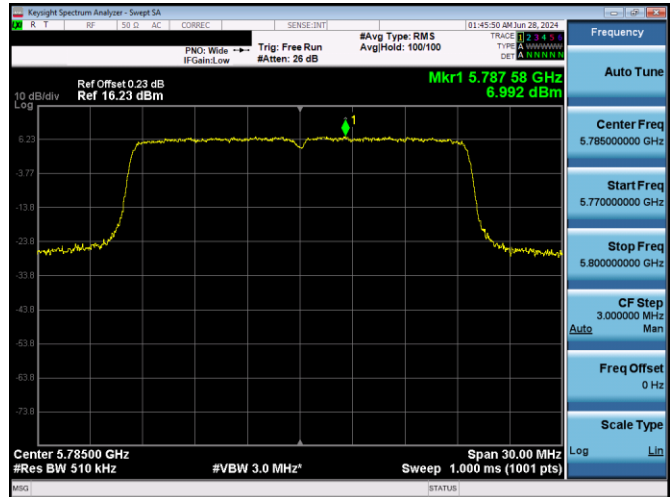
Table 7-113. Band 3 Power Spectral Density Measurements Antenna WF2 (Fully-loaded RU)

FCC ID: BCGA2993 IC: 579C-A2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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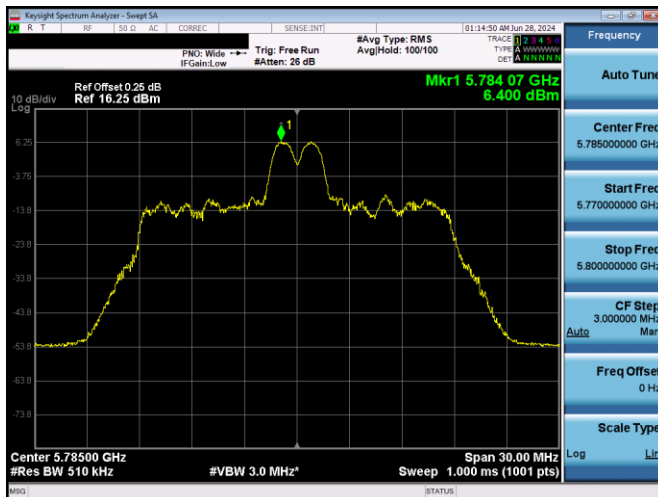
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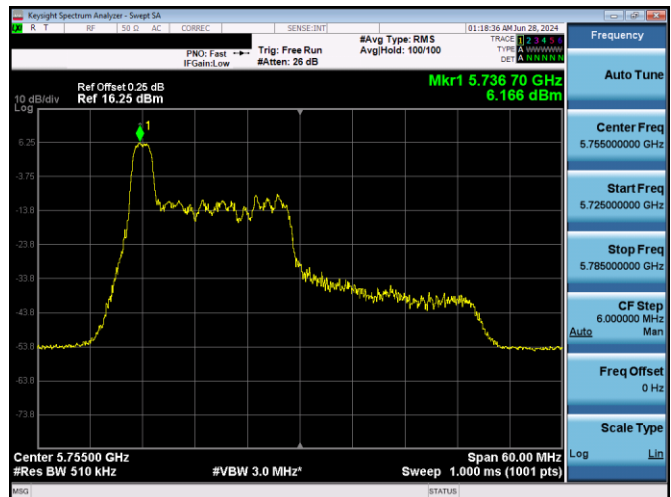
Plot 7-228. PSD Antenna WF2 (20MHz BW 11ax Index 0 - RU26 - Ch.157)



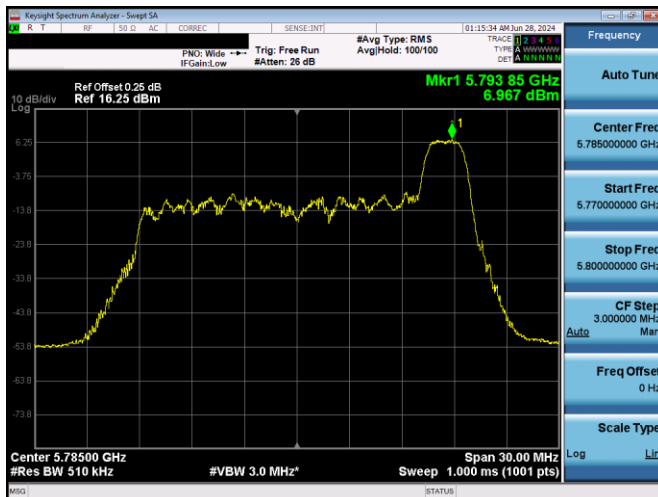
Plot 7-231. PSD Antenna WF2 (20MHz BW 11ax - RU242 - Ch.157)



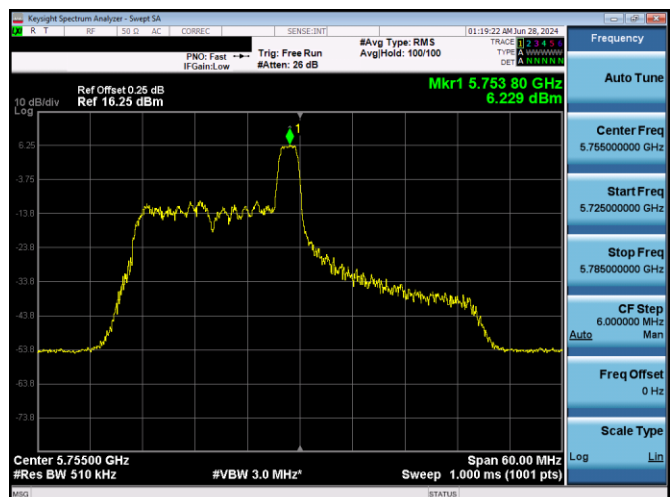
Plot 7-229. PSD Antenna WF2 (20MHz BW 11ax Index 4 - RU26 - Ch.157)



Plot 7-232. PSD Antenna WF2 (40MHz BW 11ax Index 0 - RU26 - Ch.151)

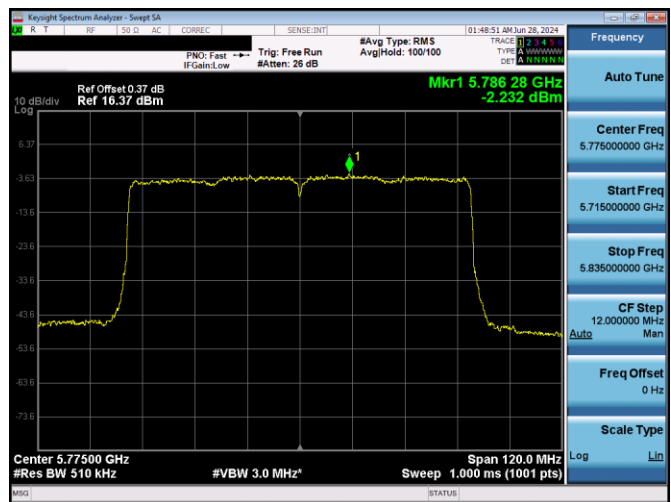
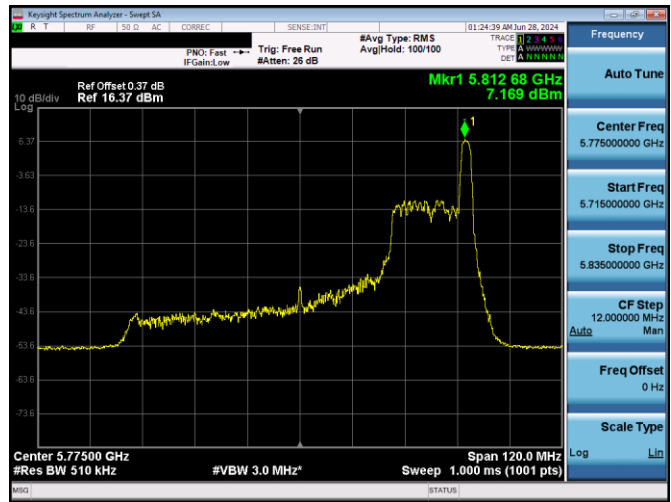
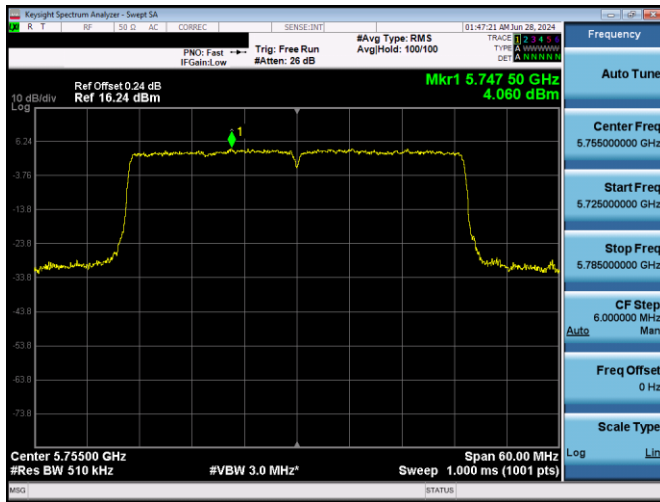
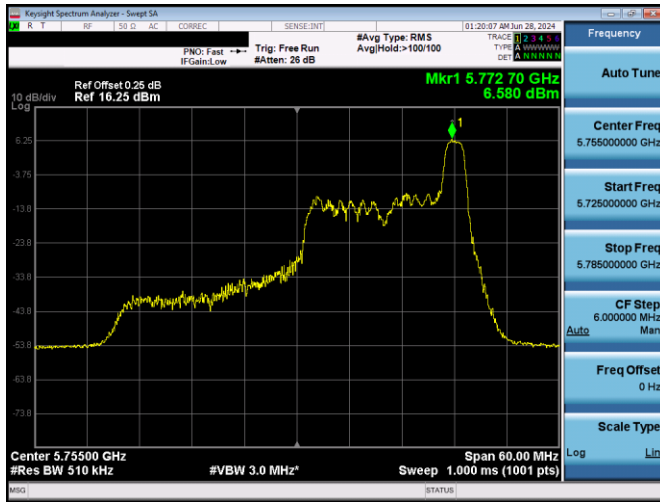


Plot 7-230. PSD Antenna WF2 (20MHz BW 11ax Index 8 - RU26 - Ch.157)



Plot 7-233. PSD Antenna WF2 (40MHz BW 11ax Index 8 - RU26 - Ch.151)

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	Frequency [MHz]	Channel No.	802.11 MODE	RU Size	RU 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]
Band 1	5180	36	ax (20MHz)	26	0	12.5/14.7 (MCS11)	1.98	0.10	2.08	10.0	-7.93
				26	4	12.5/14.7 (MCS11)	1.31	0.10	1.41	10.0	-8.59
				26	8	12.5/14.7 (MCS11)	2.01	0.10	2.11	10.0	-7.89
	5200	40	ax (20MHz)	26	0	12.5/14.7 (MCS11)	2.05	0.10	2.15	10.0	-7.85
				26	4	12.5/14.7 (MCS11)	1.45	0.10	1.55	10.0	-8.45
				26	8	12.5/14.7 (MCS11)	2.14	0.10	2.24	10.0	-7.76
	5240	48	ax (20MHz)	26	0	12.5/14.7 (MCS11)	2.52	0.10	2.62	10.0	-7.38
				26	4	12.5/14.7 (MCS11)	1.47	0.10	1.57	10.0	-8.43
				26	8	12.5/14.7 (MCS11)	2.35	0.10	2.45	10.0	-7.55
	5190	38	ax (40MHz)	26	0	12.5/14.7 (MCS11)	2.24	0.10	2.34	10.0	-7.67
				26	8	12.5/14.7 (MCS11)	1.86	0.10	1.96	10.0	-8.05
				26	17	12.5/14.7 (MCS11)	2.39	0.10	2.49	10.0	-7.51
	5230	46	ax (40MHz)	26	0	12.5/14.7 (MCS11)	2.21	0.10	2.31	10.0	-7.69
				26	8	12.5/14.7 (MCS11)	2.58	0.10	2.68	10.0	-7.32
				26	17	12.5/14.7 (MCS11)	2.09	0.10	2.19	10.0	-7.81
	5210	42	ax (80MHz)	26	0	12.5/14.7 (MCS11)	2.85	0.10	2.95	10.0	-7.05
				26	18	12.5/14.7 (MCS11)	1.01	0.10	1.11	10.0	-8.89
				26	36	12.5/14.7 (MCS11)	2.37	0.10	2.47	10.0	-7.53
	5250	50(L)	ax (160MHz)	26	37	25/29.4 (MCS11)	2.18	0.10	2.28	10.0	-7.72
				26	52	25/29.4 (MCS11)	2.42	0.10	2.52	10.0	-7.48

Table 7-114. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF2 (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU 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]
Band 1	5180	36	ax (20MHz)	242	61	121.9/143.4 (MCS11)	1.66	0.10	1.76	10.0	-8.24
	5200	40	ax (20MHz)	242	61	121.9/143.4 (MCS11)	1.48	0.10	1.58	10.0	-8.42
	5240	48	ax (20MHz)	242	61	121.9/143.4 (MCS11)	1.66	0.10	1.76	10.0	-8.24
	5190	38	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-0.77	0.10	-0.67	10.0	-10.67
	5230	46	ax (40MHz)	484	65	243.8/286.8 (MCS11)	0.99	0.10	1.09	10.0	-8.91
	5210	42	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.42	0.10	-4.32	10.0	-14.32
	5250	50	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-8.77	1.50	-7.27	10.0	-17.27

Table 7-115. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF2 (Fully-loaded RU)

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