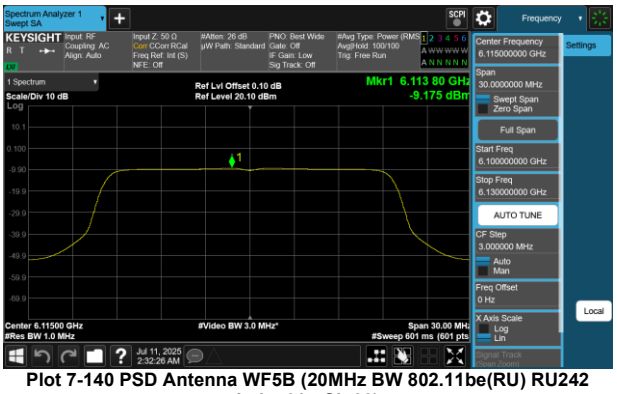
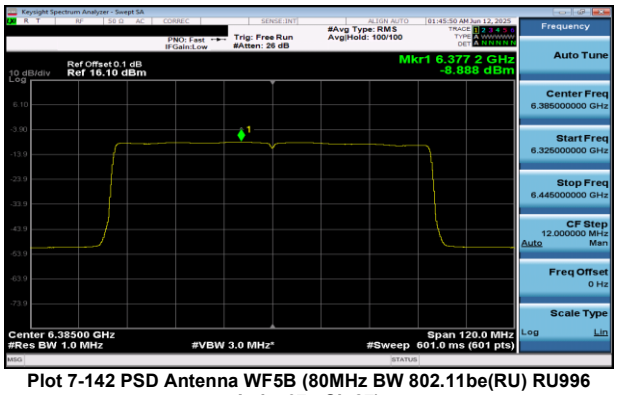
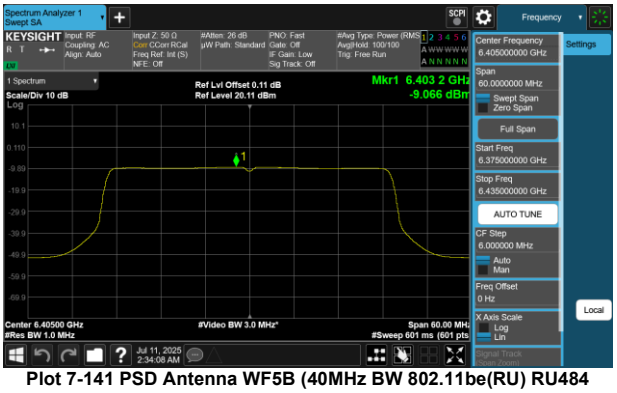


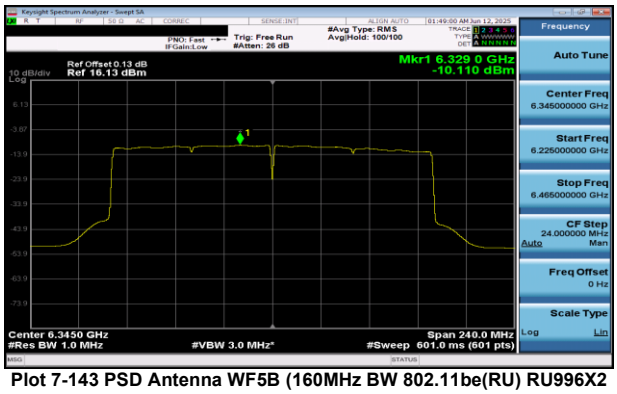
Plot 7-140 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.33)



Plot 7-142 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.87)



Plot 7-141 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.91)



Plot 7-143 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.79)

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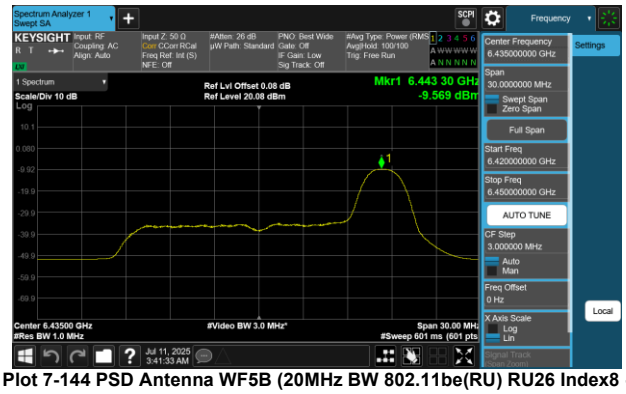
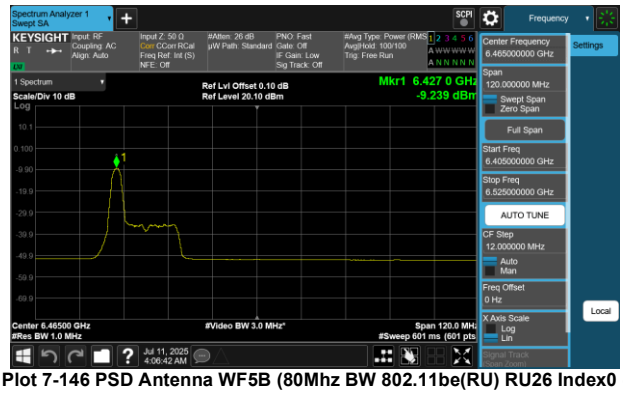
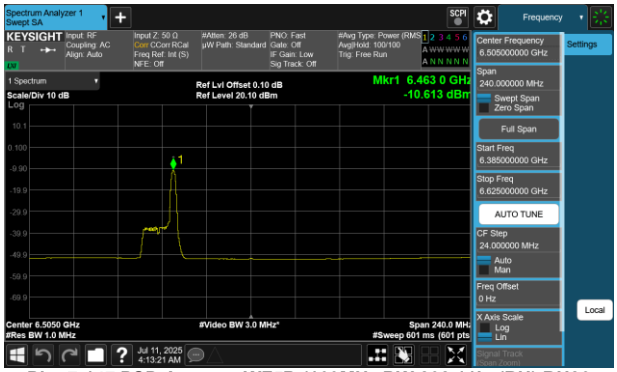


Plot 7-144 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index8 - Ch.97)

Plot 7-145 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index0 - Ch.99)



Plot 7-146 PSD Antenna WF5B (80Mhz BW 802.11be(RU) RU26 Index0 - Ch.103)



Plot 7-147 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU26 Index17 - Ch.111)

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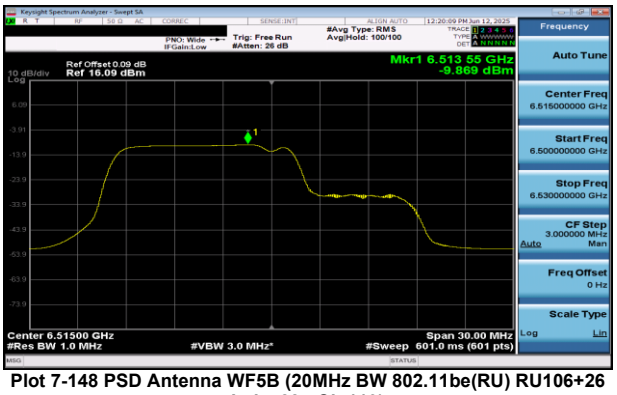
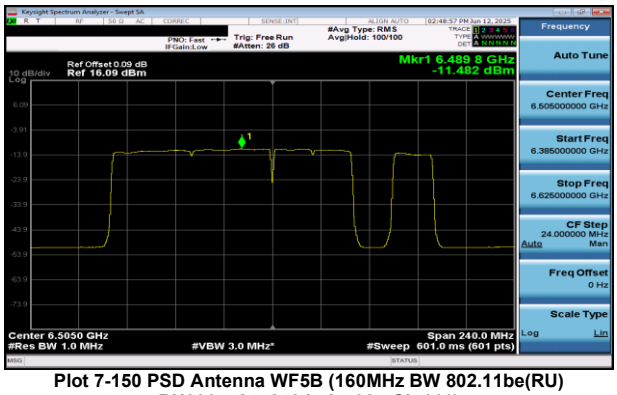
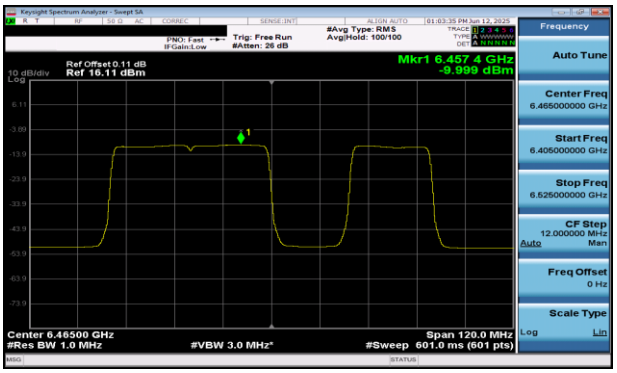


Plot 7-148 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.113)



Plot 7-150 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996+484+242 Index98 - Ch.111)



Plot 7-149 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.103)

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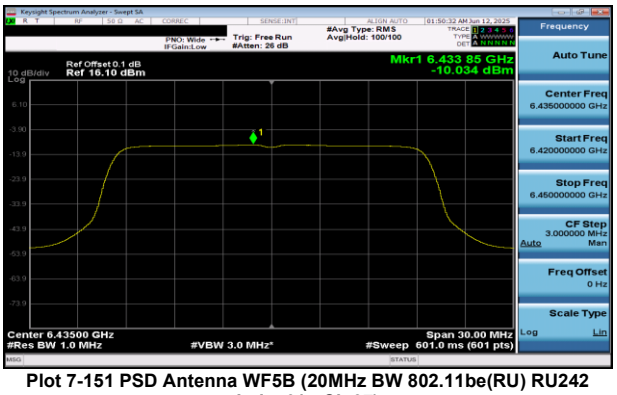
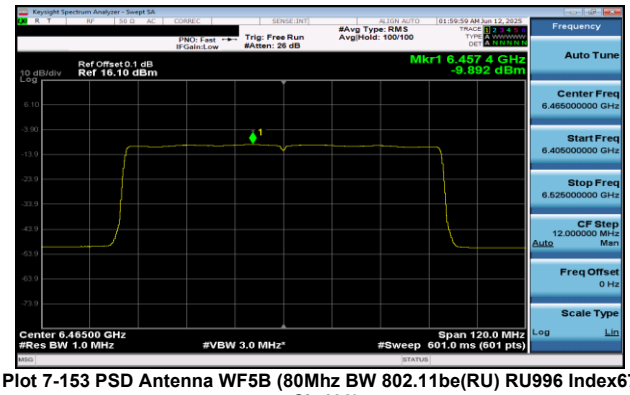
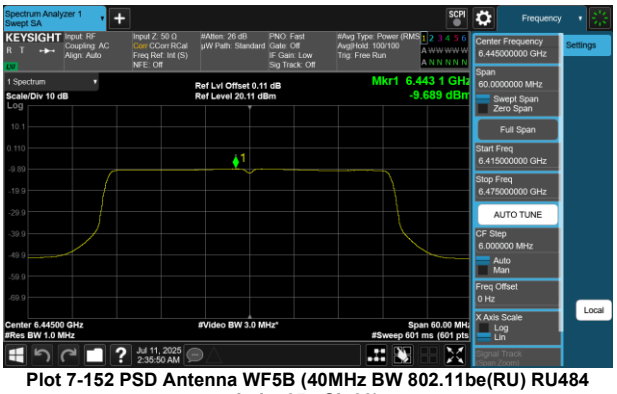


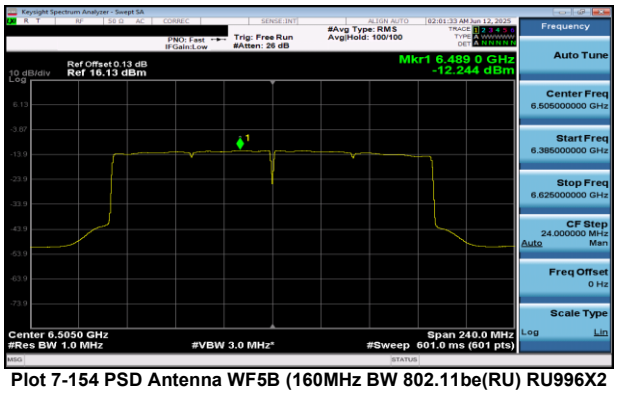
Plot 7-151 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.97)



Plot 7-153 PSD Antenna WF5B (80Mhz BW 802.11be(RU) RU996 Index67 - Ch.103)



Plot 7-152 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.99)



Plot 7-154 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.111)

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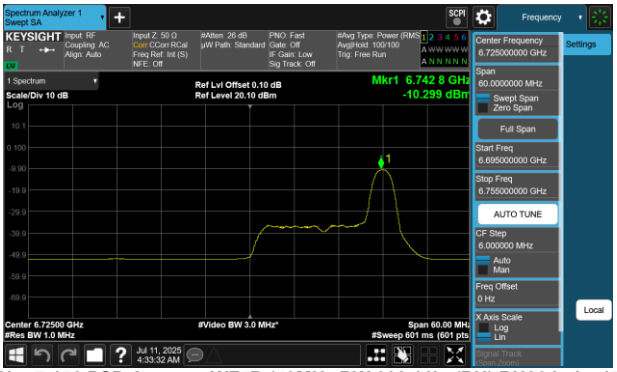
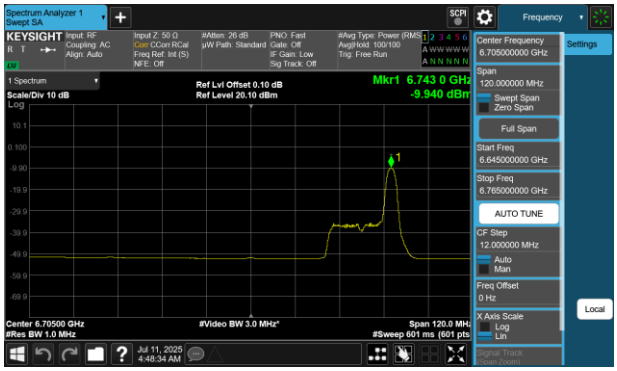
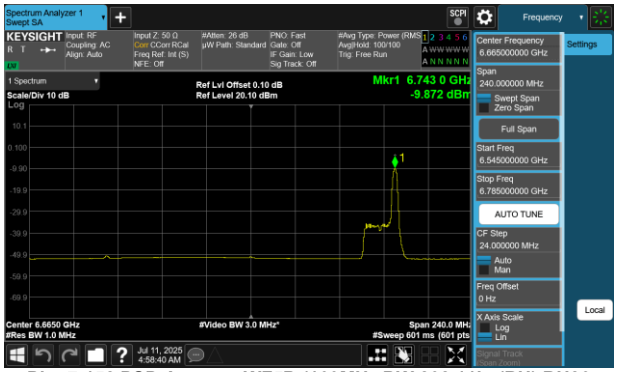
Plot 7-155 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index0 - Ch.149)



Plot 7-156 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index17 - Ch.155)



Plot 7-157 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU26 Index36 - Ch.151)



Plot 7-158 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU26 Index36 - Ch.143)

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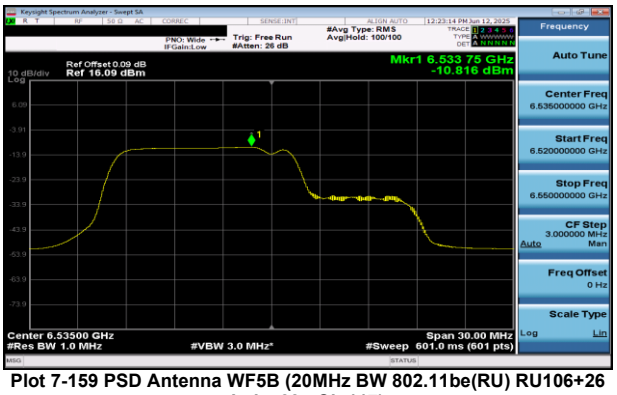
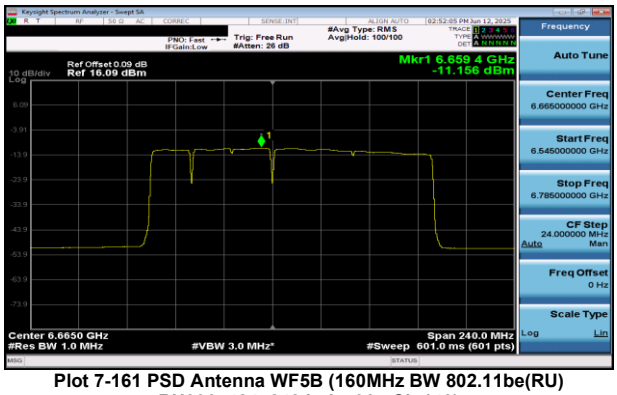
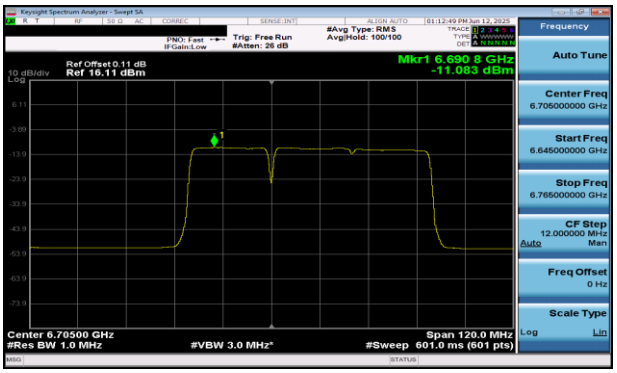


Plot 7-159 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.117)



Plot 7-161 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996+484+242 Index96 - Ch.143)



Plot 7-160 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.151)

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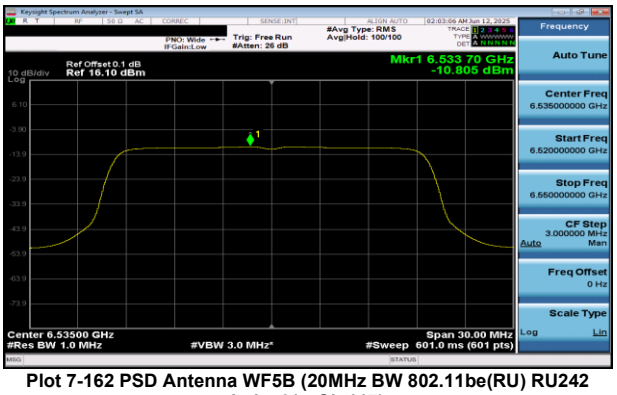
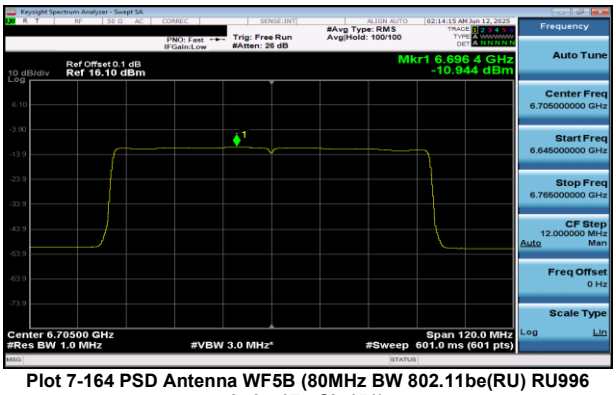
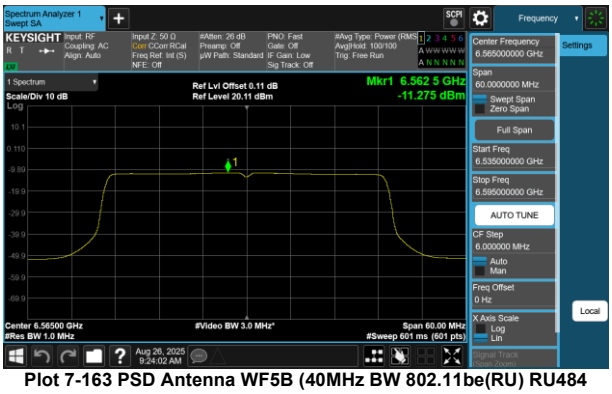


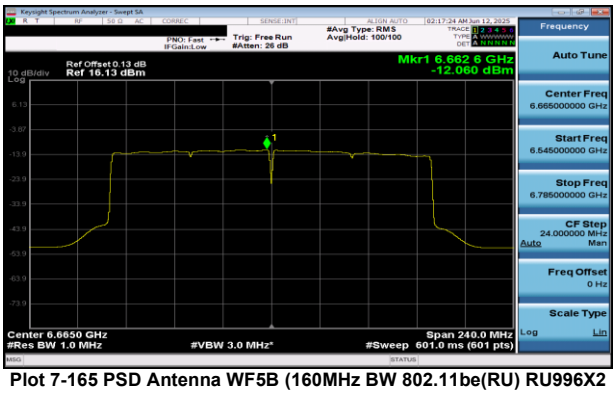
Plot 7-162 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.117)



Plot 7-164 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.151)



Plot 7-163 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.123)



Plot 7-165 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.143)

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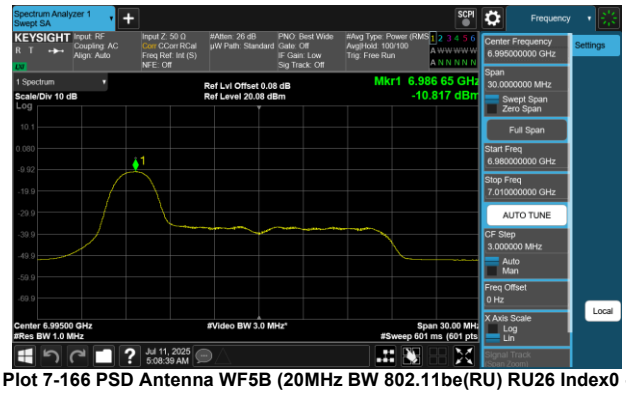
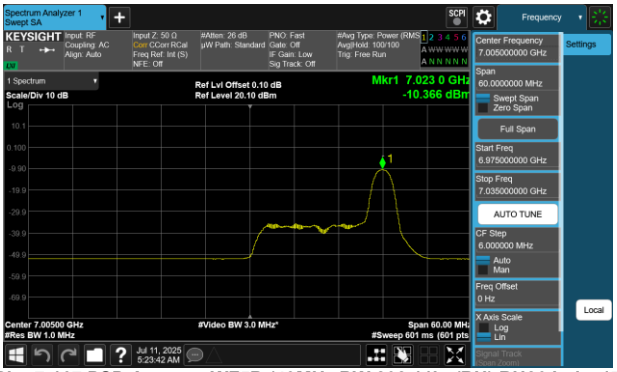
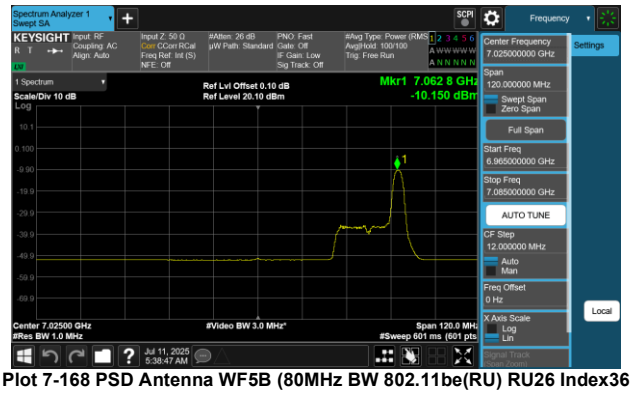


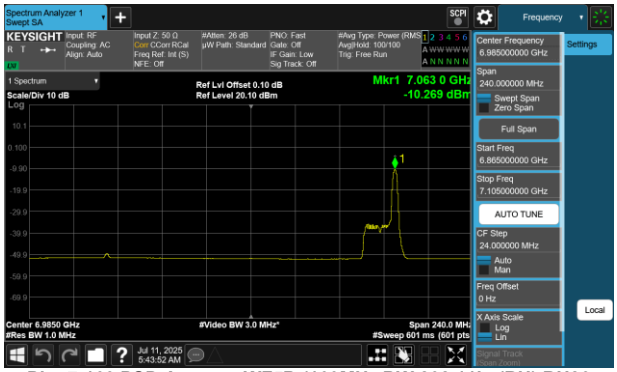
Plot 7-166 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU26 Index0 - Ch.209)



Plot 7-167 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU26 Index17 - Ch.211)



Plot 7-168 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU26 Index36 - Ch.215)



Plot 7-169 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU26 Index36 - Ch.207)

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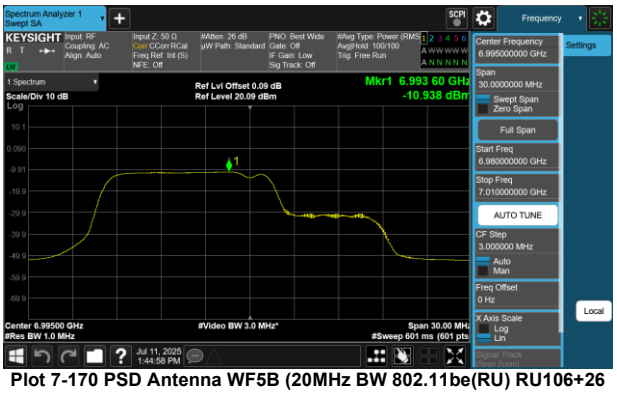
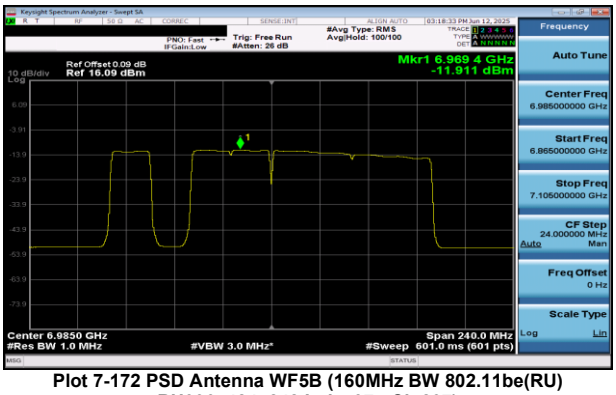
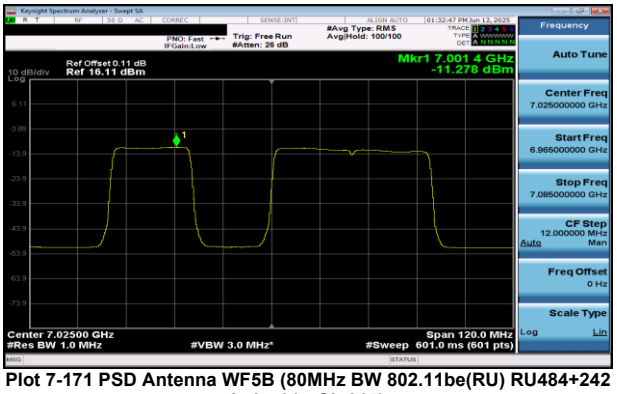


Plot 7-170 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.209)



Plot 7-172 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996+484+242 Index97 - Ch.207)



Plot 7-171 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.215)

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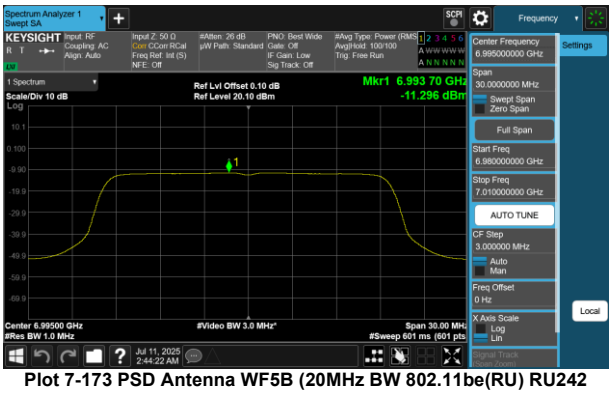
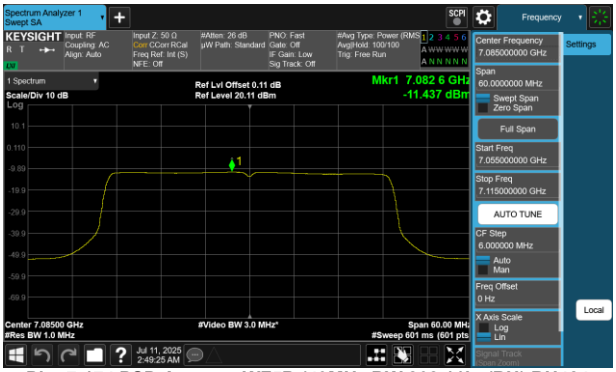
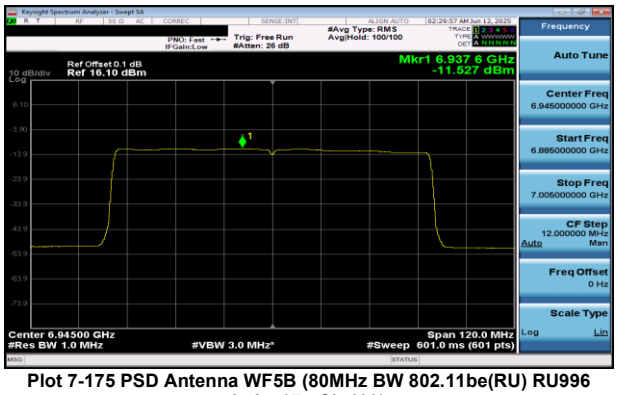


Plot 7-173 PSD Antenna WF5B (20MHz BW 802.11be(RU) RU242 Index61 - Ch.209)



Plot 7-174 PSD Antenna WF5B (40MHz BW 802.11be(RU) RU484 Index65 - Ch.227)



Plot 7-175 PSD Antenna WF5B (80MHz BW 802.11be(RU) RU996 Index67 - Ch.199)

Plot 7-176 PSD Antenna WF5B (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.207)

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7.4.2 Antenna 4a Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	26	0	MCS5	-6.33	-0.30	-6.63	-5.00	-1.63
	6255	61	be (20MHz)	26	0	MCS5	-6.31	-0.30	-6.61	-5.00	-1.61
	6415	93	be (20MHz)	26	8	MCS5	-6.34	-0.50	-6.84	-5.00	-1.84
	6125	35	be (40MHz)	26	8	MCS5	-6.47	-0.30	-6.77	-5.00	-1.77
	6245	59	be (40MHz)	26	0	MCS5	-6.27	-0.30	-6.57	-5.00	-1.57
	6405	91	be (40MHz)	26	17	MCS5	-6.27	-0.50	-6.77	-5.00	-1.77
	6145	39	be (80MHz)	26	36	MCS5	-6.59	-0.30	-6.89	-5.00	-1.89
	6225	55	be (80MHz)	26	0	MCS5	-6.70	-0.30	-7.00	-5.00	-2.00
	6385	87	be (80MHz)	26	0	MCS5	-6.36	-0.50	-6.86	-5.00	-1.86
	6185	47	be (160MHz)	26	36	MCS5	-6.47	-0.30	-6.77	-5.00	-1.77
	6345	79	be (160MHz)	26	0	MCS5	-6.11	-0.50	-6.61	-5.00	-1.61
Band 6	6435	97	be (20MHz)	26	8	MCS5	-7.94	0.90	-7.04	-5.00	-2.04
	6475	105	be (20MHz)	26	0	MCS5	-8.15	0.90	-7.25	-5.00	-2.25
	6515	113	be (20MHz)	26	8	MCS5	-7.97	0.90	-7.07	-5.00	-2.07
	6445	99	be (40MHz)	26	17	MCS5	-7.63	0.90	-6.73	-5.00	-1.73
	6485	107	be (40MHz)	26	17	MCS5	-7.93	0.90	-7.03	-5.00	-2.03
	6525	115	be (40MHz)	26	17	MCS5	-8.62	0.90	-7.72	-5.00	-2.72
	6465	103	be (80Mhz)	26	17	MCS5	-7.88	0.90	-6.98	-5.00	-1.98
	6505	111	be (160MHz)	26	17	MCS5	-8.65	0.90	-7.75	-5.00	-2.75
Band 7	6535	117	be (20MHz)	26	8	MCS5	-8.69	1.70	-6.99	-5.00	-1.99
	6695	149	be (20MHz)	26	8	MCS5	-8.70	1.70	-7.00	-5.00	-2.00
	6875	185	be (20MHz)	26	8	MCS5	-8.49	1.70	-6.79	-5.00	-1.79
	6565	123	be (40MHz)	26	17	MCS5	-9.60	1.70	-7.90	-5.00	-2.90
	6725	155	be (40MHz)	26	0	MCS5	-8.90	1.70	-7.20	-5.00	-2.20
	6845	179	be (40MHz)	26	0	MCS5	-8.62	1.70	-6.92	-5.00	-1.92
	6545	119	be (80MHz)	26	36	MCS5	-8.85	1.70	-7.15	-5.00	-2.15
	6705	151	be (80MHz)	26	17	MCS5	-8.72	1.70	-7.02	-5.00	-2.02
	6865	183	be (80MHz)	26	36	MCS5	-8.54	1.70	-6.84	-5.00	-1.84
	6665	143	be (160MHz)	26	36	MCS5	-8.46	1.70	-6.76	-5.00	-1.76
	6825	175	be (160MHz)	26	0	MCS5	-8.41	1.70	-6.71	-5.00	-1.71
Band 8	6895	189	be (20MHz)	26	0	MCS5	-6.03	-0.80	-6.83	-5.00	-1.83
	6995	209	be (20MHz)	26	8	MCS5	-5.98	-0.80	-6.78	-5.00	-1.78
	7095	229	be (20MHz)	26	0	MCS5	-5.92	-0.80	-6.72	-5.00	-1.72
	6885	187	be (40MHz)	26	8	MCS5	-8.26	-0.80	-9.06	-5.00	-4.06
	7005	211	be (40MHz)	26	0	MCS5	-6.13	-0.80	-6.93	-5.00	-1.93
	7085	227	be (40MHz)	26	17	MCS5	-6.01	-0.80	-6.81	-5.00	-1.81
	6945	199	be (80MHz)	26	36	MCS5	-5.88	-0.80	-6.68	-5.00	-1.68
	7025	215	be (80MHz)	26	0	MCS5	-5.92	-0.80	-6.72	-5.00	-1.72
	6985	207	be (160MHz)	26	17	MCS5	-5.98	-0.80	-6.78	-5.00	-1.78

Table 7-74. Power Spectral Density Measurements Antenna 4a (RU26)

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	106+26	83	MCS5	-7.02	-0.30	-7.32	-5.00	-2.32
	6255	61	be (20MHz)	106+26	82	MCS5	-7.39	-0.30	-7.69	-5.00	-2.69
	6415	93	be (20MHz)	106+26	83	MCS5	-6.66	-0.50	-7.16	-5.00	-2.16
	6145	39	be (80MHz)	484+242	92	MCS5	-7.14	-0.30	-7.44	-5.00	-2.44
	6225	55	be (80MHz)	484+242	90	MCS5	-7.08	-0.30	-7.38	-5.00	-2.38
	6385	87	be (80MHz)	484+242	90	MCS5	-6.64	-0.50	-7.14	-5.00	-2.14
	6185	47	be (160MHz)	996+484+242	96-L	MCS5	-7.51	-0.30	-7.81	-5.00	-2.81
	6345	79	be (160MHz)	996+484+242	98-L	MCS5	-7.27	-0.50	-7.77	-5.00	-2.77
Band 6	6435	97	be (20MHz)	106+26	83	MCS5	-8.34	0.90	-7.44	-5.00	-2.44
	6475	105	be (20MHz)	106+26	82	MCS5	-8.41	0.90	-7.51	-5.00	-2.51
	6515	113	be (20MHz)	106+26	82	MCS5	-8.47	0.90	-7.57	-5.00	-2.57
	6465	103	be (80MHz)	484+242	92	MCS5	-8.04	0.90	-7.14	-5.00	-2.14
	6505	111	be (160MHz)	996+484+242	96-L	MCS5	-9.42	0.90	-8.52	-5.00	-3.52
Band 7	6535	117	be (20MHz)	106+26	83	MCS5	-9.04	1.70	-7.34	-5.00	-2.34
	6695	149	be (20MHz)	106+26	82	MCS5	-8.58	1.70	-6.88	-5.00	-1.88
	6875	185	be (20MHz)	106+26	82	MCS5	-8.63	1.70	-6.93	-5.00	-1.93
	6545	119	be (80MHz)	484+242	90	MCS5	-8.95	1.70	-7.25	-5.00	-2.25
	6705	151	be (80MHz)	484+242	92	MCS5	-8.89	1.70	-7.19	-5.00	-2.19
	6865	183	be (80MHz)	484+242	92	MCS5	-9.09	1.70	-7.39	-5.00	-2.39
	6665	143	be (160MHz)	996+484+242	97-L	MCS5	-9.47	1.70	-7.77	-5.00	-2.77
	6825	175	be (160MHz)	996+484+242	99-L	MCS5	-9.31	1.70	-7.61	-5.00	-2.61
Band 8	6895	189	be (20MHz)	106+26	82	MCS5	-6.73	-0.80	-7.53	-5.00	-2.53
	6995	209	be (20MHz)	106+26	82	MCS5	-7.28	-0.80	-8.08	-5.00	-3.08
	7095	229	be (20MHz)	106+26	82	MCS5	-6.83	-0.80	-7.63	-5.00	-2.63
	6945	199	be (80MHz)	484+242	92	MCS5	-6.25	-0.80	-7.05	-5.00	-2.05
	7025	215	be (80MHz)	484+242	92	MCS5	-6.55	-0.80	-7.35	-5.00	-2.35
	6985	207	be (160MHz)	996+484+242	98-L	MCS5	-6.82	-0.80	-7.62	-5.00	-2.62

Table 7-75. Power Spectral Density Measurements Antenna 4a (MRU)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	242	61	MCS5	-6.78	-0.30	-7.08	-5.00	-2.08
	6255	61	be (20MHz)	242	61	MCS5	-7.25	-0.30	-7.55	-5.00	-2.55
	6415	93	be (20MHz)	242	61	MCS5	-6.52	-0.50	-7.02	-5.00	-2.02
	6125	35	be (40MHz)	484	65	MCS5	-6.94	-0.30	-7.24	-5.00	-2.24
	6245	59	be (40MHz)	484	65	MCS5	-6.81	-0.30	-7.11	-5.00	-2.11
	6405	91	be (40MHz)	484	65	MCS5	-6.61	-0.50	-7.11	-5.00	-2.11
	6145	39	be (80MHz)	996	67	MCS5	-6.77	-0.30	-7.07	-5.00	-2.07
	6225	55	be (80MHz)	996	67	MCS5	-6.91	-0.30	-7.21	-5.00	-2.21
	6385	87	be (80MHz)	996	67	MCS5	-6.67	-0.50	-7.17	-5.00	-2.17
	6185	47	be (160MHz)	996	68	MCS5	-7.75	-0.30	-8.05	-5.00	-3.05
	6345	79	be (160MHz)	996	68	MCS5	-7.61	-0.50	-8.11	-5.00	-3.11
Band 6	6435	97	be (20MHz)	242	61	MCS5	-7.96	0.90	-7.06	-5.00	-2.06
	6475	105	be (20MHz)	242	61	MCS5	-7.99	0.90	-7.09	-5.00	-2.09
	6515	113	be (20MHz)	242	61	MCS5	-8.11	0.90	-7.21	-5.00	-2.21
	6445	99	be (40MHz)	484	65	MCS5	-7.76	0.90	-6.86	-5.00	-1.86
	6485	107	be (40MHz)	484	65	MCS5	-7.97	0.90	-7.07	-5.00	-2.07
	6525	115	be (40MHz)	484	65	MCS5	-8.78	0.90	-7.88	-5.00	-2.88
	6465	103	be (80Mhz)	996	67	MCS5	-7.63	0.90	-6.73	-5.00	-1.73
	6505	111	be (160MHz)	996	68	MCS5	-9.63	0.90	-8.73	-5.00	-3.73
Band 7	6535	117	be (20MHz)	242	61	MCS5	-9.04	1.70	-7.34	-5.00	-2.34
	6695	149	be (20MHz)	242	61	MCS5	-8.82	1.70	-7.12	-5.00	-2.12
	6875	185	be (20MHz)	242	61	MCS5	-8.52	1.70	-6.82	-5.00	-1.82
	6565	123	be (40MHz)	484	65	MCS5	-9.56	1.70	-7.86	-5.00	-2.86
	6725	155	be (40MHz)	484	65	MCS5	-8.84	1.70	-7.14	-5.00	-2.14
	6845	179	be (40MHz)	484	65	MCS5	-8.71	1.70	-7.01	-5.00	-2.01
	6545	119	be (80MHz)	996	67	MCS5	-9.08	1.70	-7.38	-5.00	-2.38
	6705	151	be (80MHz)	996	67	MCS5	-8.74	1.70	-7.04	-5.00	-2.04
	6865	183	be (80MHz)	996	67	MCS5	-8.65	1.70	-6.95	-5.00	-1.95
	6665	143	be (160MHz)	996	68	MCS5	-9.70	1.70	-8.00	-5.00	-3.00
	6825	175	be (160MHz)	996	68	MCS5	-9.39	1.70	-7.69	-5.00	-2.69
Band 8	6895	189	be (20MHz)	242	61	MCS5	-6.17	-0.80	-6.97	-5.00	-1.97
	6995	209	be (20MHz)	242	61	MCS5	-6.14	-0.80	-6.94	-5.00	-1.94
	7115	233	be (20MHz)	242	61	MCS5	-5.89	-0.80	-6.69	-5.00	-1.69
	6885	187	be (40MHz)	484	65	MCS5	-9.00	-0.80	-9.80	-5.00	-4.80
	7005	211	be (40MHz)	484	65	MCS5	-6.31	-0.80	-7.11	-5.00	-2.11
	7085	227	be (40MHz)	484	65	MCS5	-6.44	-0.80	-7.24	-5.00	-2.24
	6945	199	be (80MHz)	996	67	MCS5	-6.18	-0.80	-6.98	-5.00	-1.98
	7025	215	be (80MHz)	996	67	MCS5	-6.15	-0.80	-6.95	-5.00	-1.95
	6985	207	be (160MHz)	996	68	MCS5	-7.06	-0.80	-7.86	-5.00	-2.86

Table 7-76. Power Spectral Density Measurements Antenna 4a (Fully – Loaded RU)

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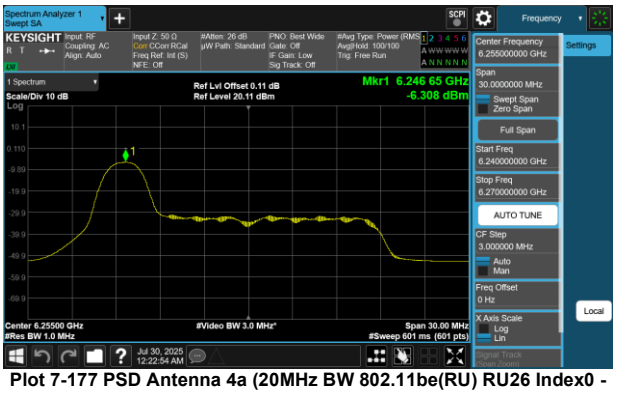
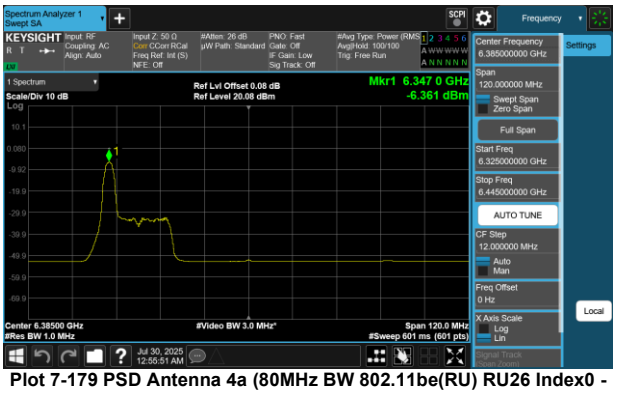


Plot 7-177 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.61)



Plot 7-179 PSD Antenna 4a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.87)

Plot 7-178 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index0 - Ch.59)

Plot 7-180 PSD Antenna 4a (160MHz BW 802.11be(RU) RU26 Index0 - Ch.79)

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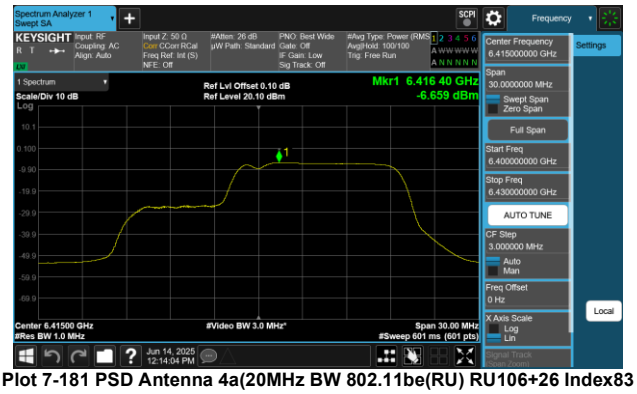
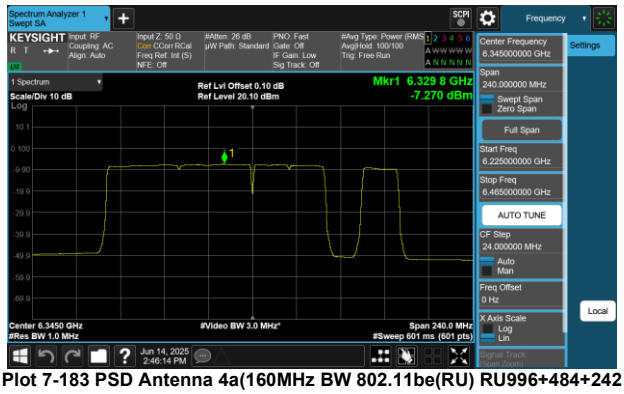
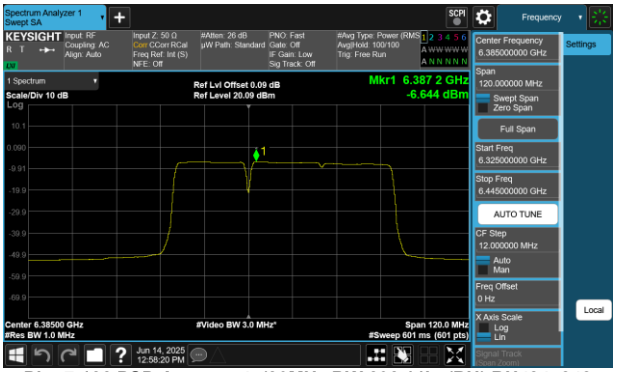


Plot 7-181 PSD Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.93)



Plot 7-183 PSD Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index98 - Ch.79)



Plot 7-182 PSD Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index90 - Ch.87)

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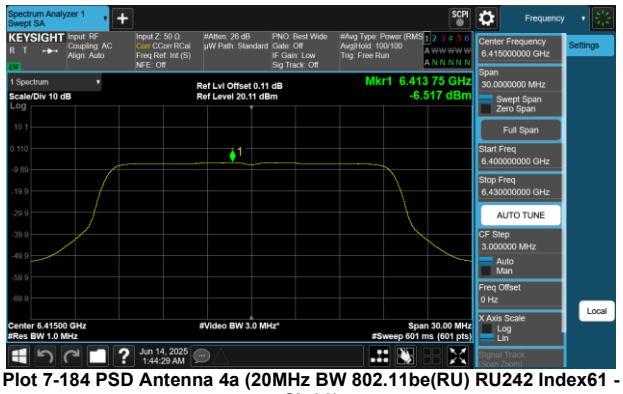
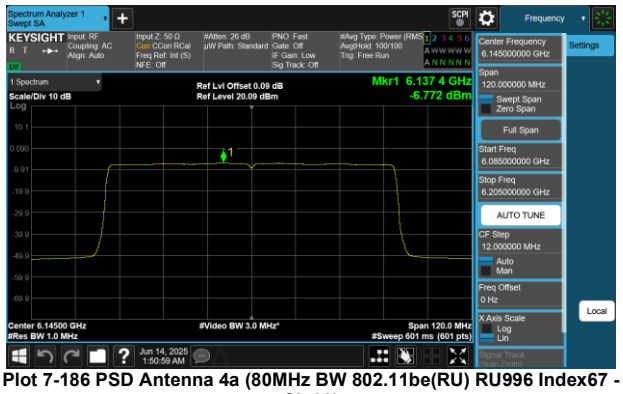
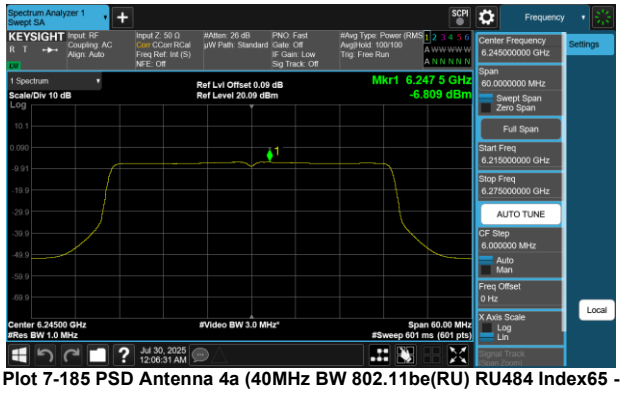


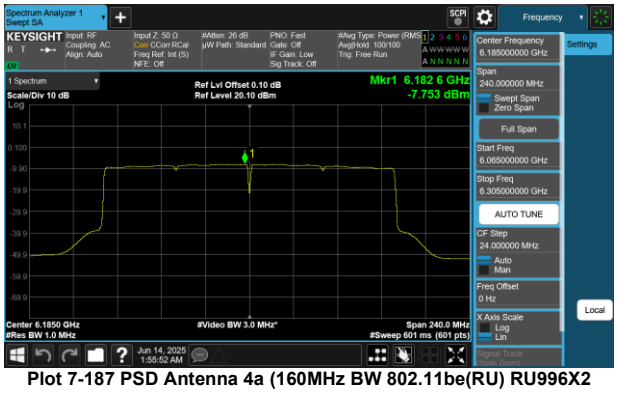
Plot 7-184 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.93)



Plot 7-186 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.39)



Plot 7-185 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.59)



Plot 7-187 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.47)

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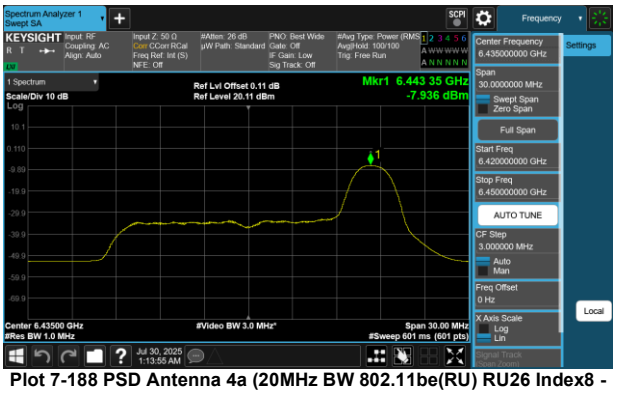
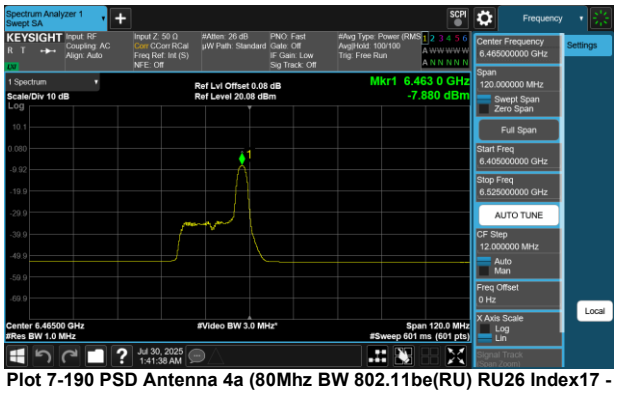
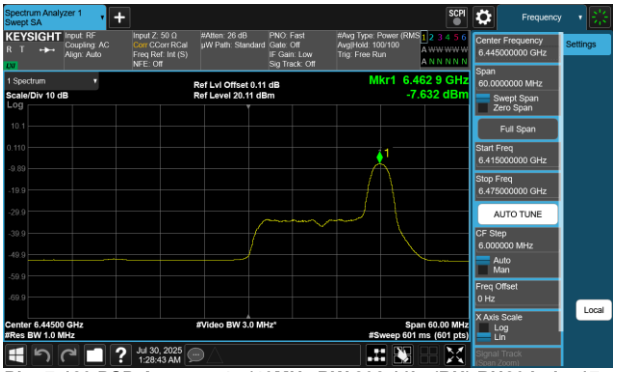


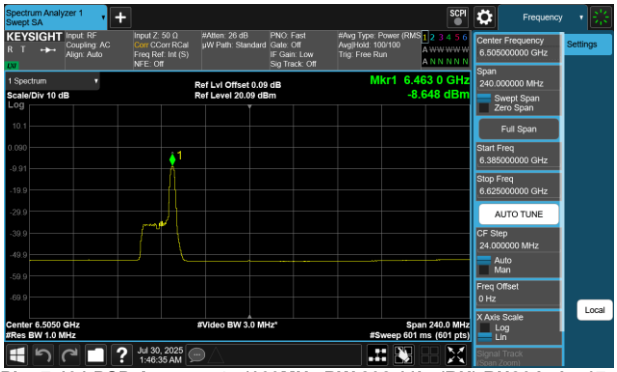
Plot 7-188 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.97)



Plot 7-190 PSD Antenna 4a (80Mhz BW 802.11be(RU) RU26 Index17 - Ch.103)



Plot 7-189 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.99)



Plot 7-191 PSD Antenna 4a (160MHz BW 802.11be(RU) RU26 Index17 - Ch.111)

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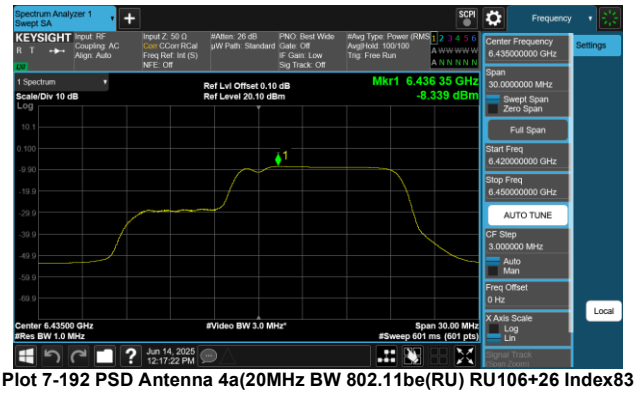
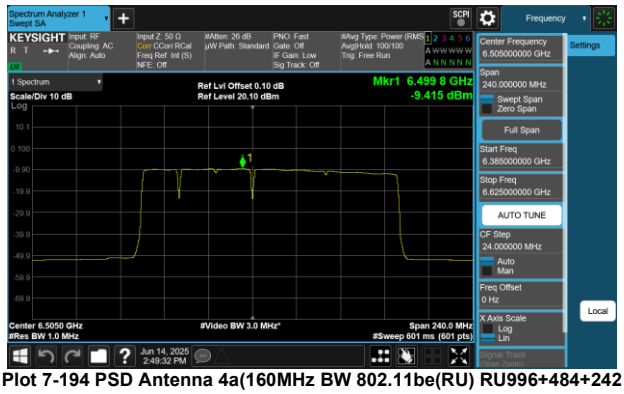
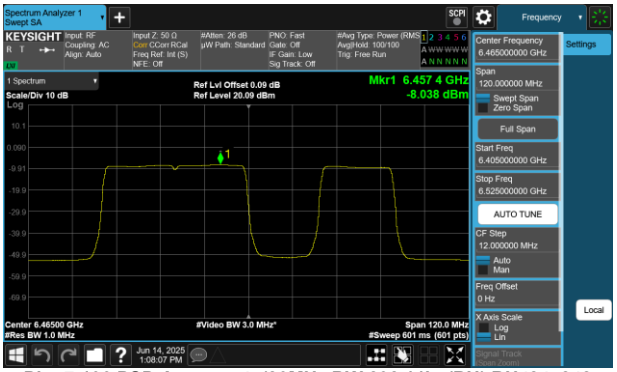


Plot 7-192 PSD Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.97)



Plot 7-194 PSD Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index96 - Ch.111)



Plot 7-193 PSD Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.103)

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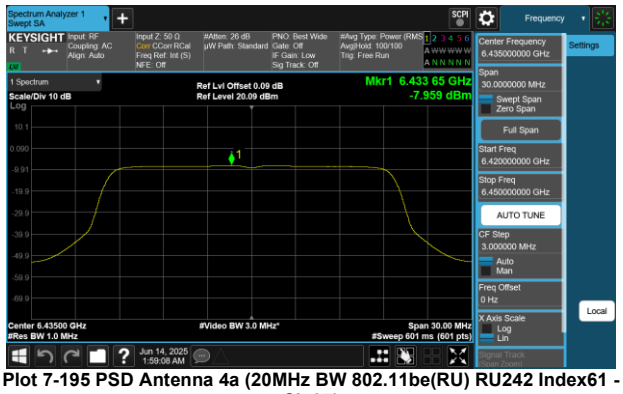
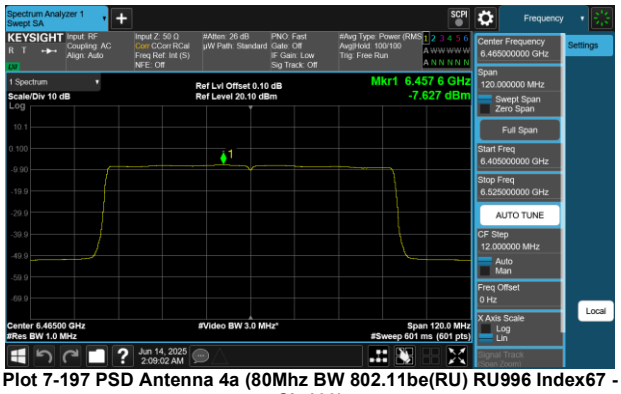
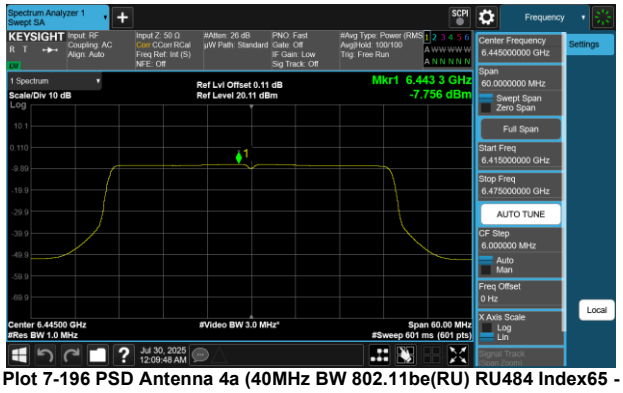


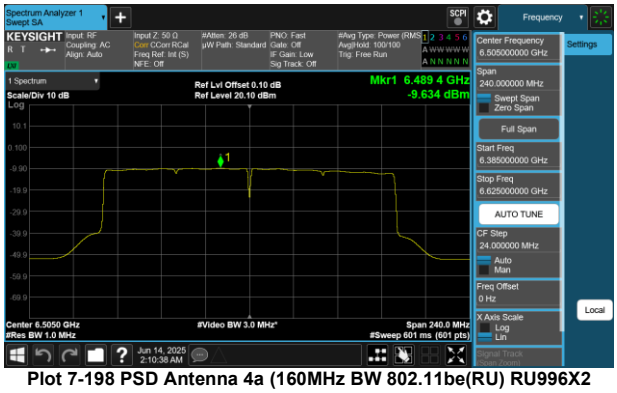
Plot 7-195 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.97)



Plot 7-197 PSD Antenna 4a (80Mhz BW 802.11be(RU) RU996 Index67 - Ch.103)



Plot 7-196 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.99)



Plot 7-198 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.111)

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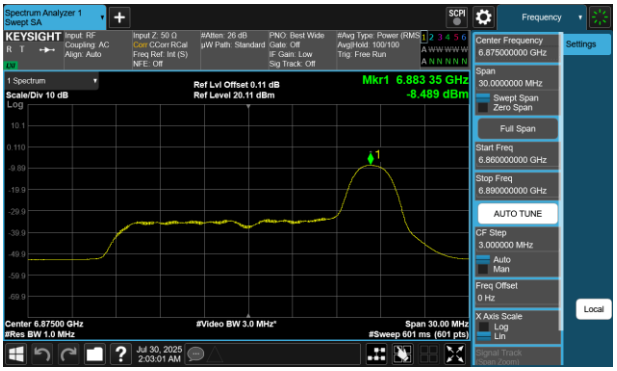
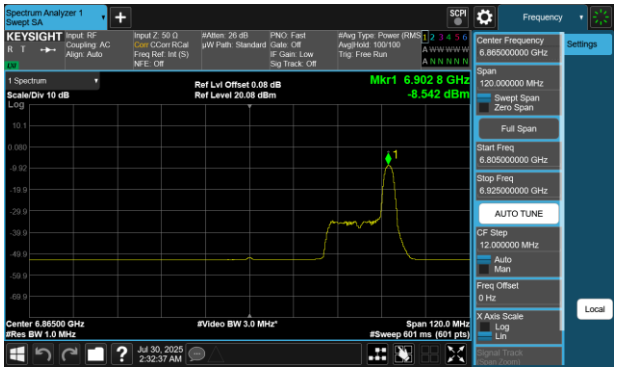


Plot 7-199 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.185)



Plot 7-201 PSD Antenna 4a (80MHz BW 802.11be(RU) RU26 Index36 - Ch.183)

Plot 7-200 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index0 - Ch.179)

Plot 7-202 PSD Antenna 4a (160MHz BW 802.11be(RU) RU26 Index0 - Ch.175)

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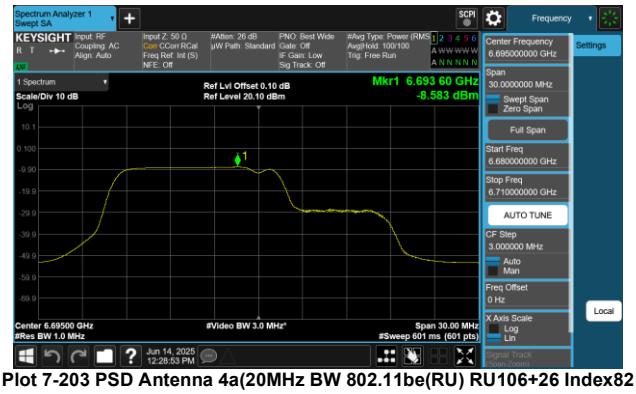
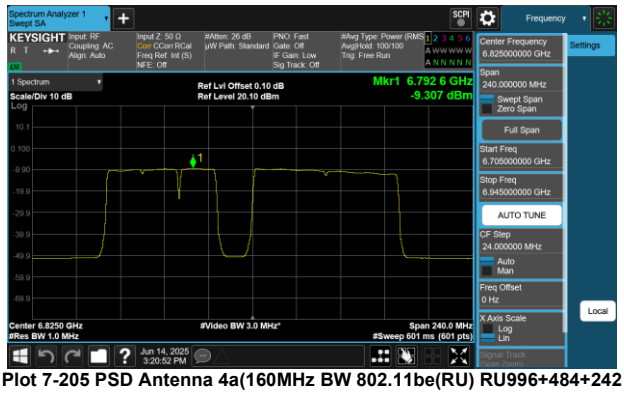
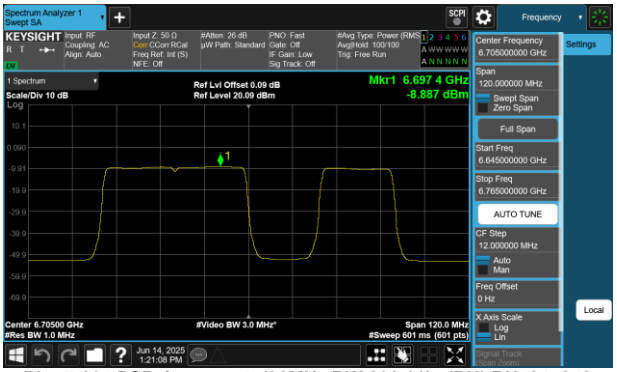


Plot 7-203 PSD Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.149)



Plot 7-205 PSD Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.175)



Plot 7-204 PSD Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.151)

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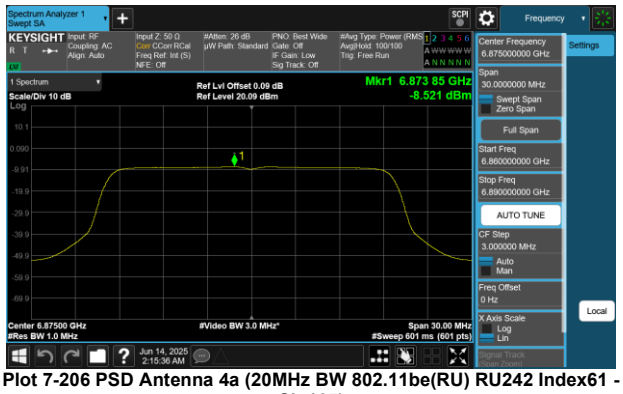
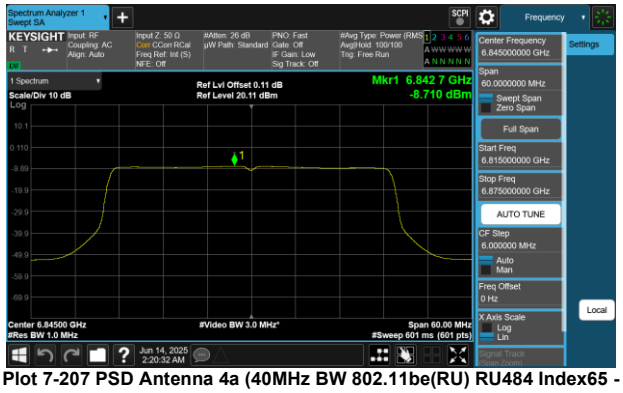
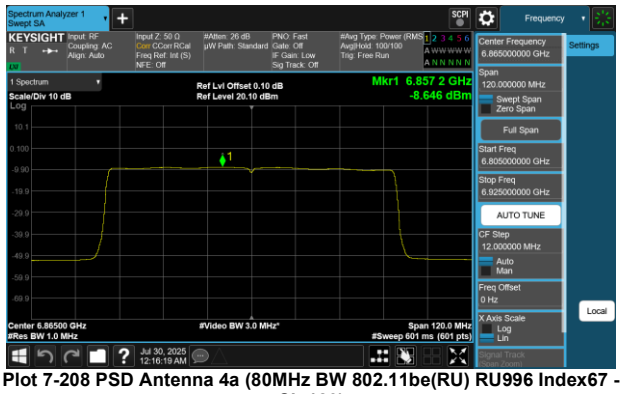


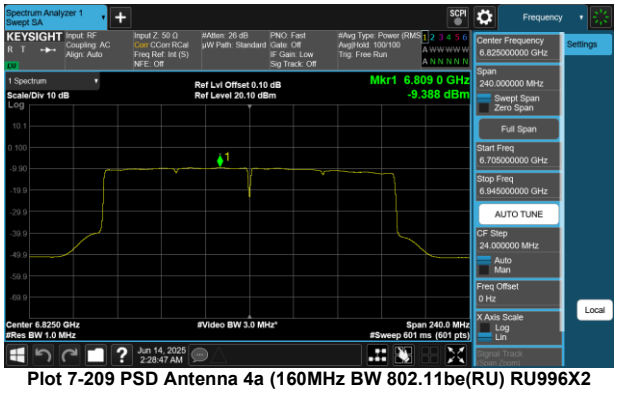
Plot 7-206 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.185)



Plot 7-207 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.179)



Plot 7-208 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.183)



Plot 7-209 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.175)

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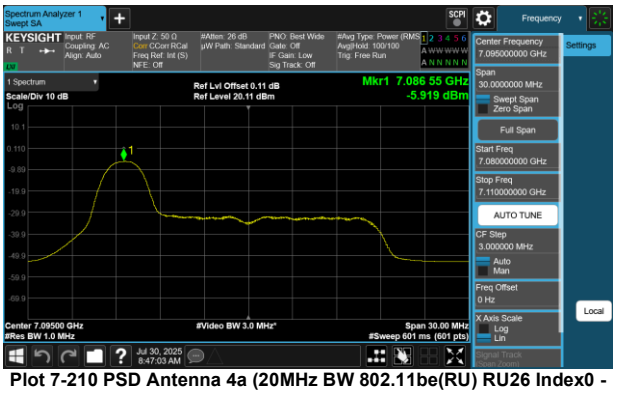
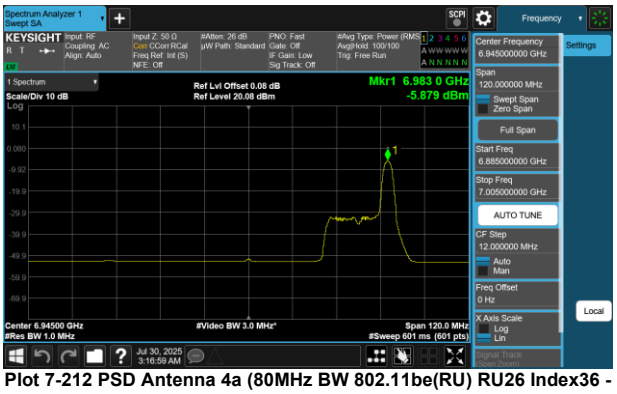
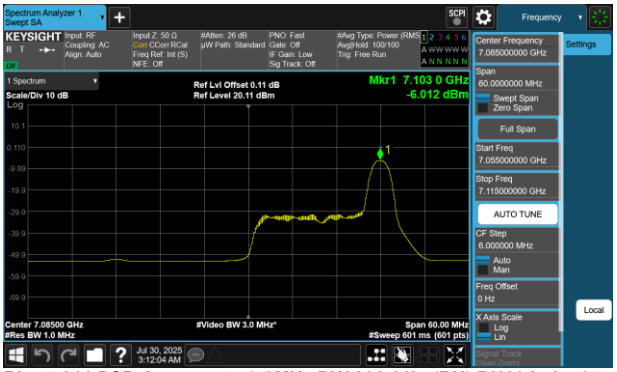


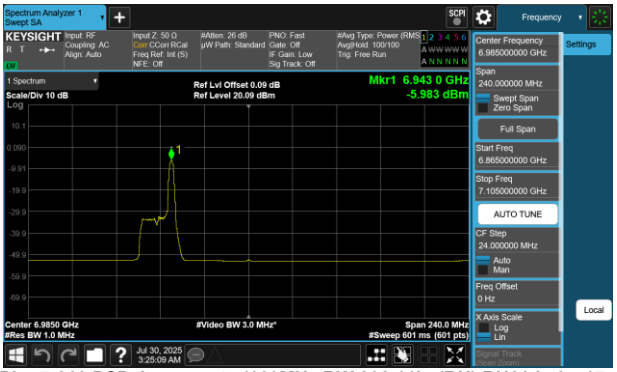
Plot 7-210 PSD Antenna 4a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.229)



Plot 7-212 PSD Antenna 4a (80MHz BW 802.11be(RU) RU26 Index36 - Ch.199)



Plot 7-211 PSD Antenna 4a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.227)



Plot 7-213 PSD Antenna 4a (160MHz BW 802.11be(RU) RU26 Index17 - Ch.207)

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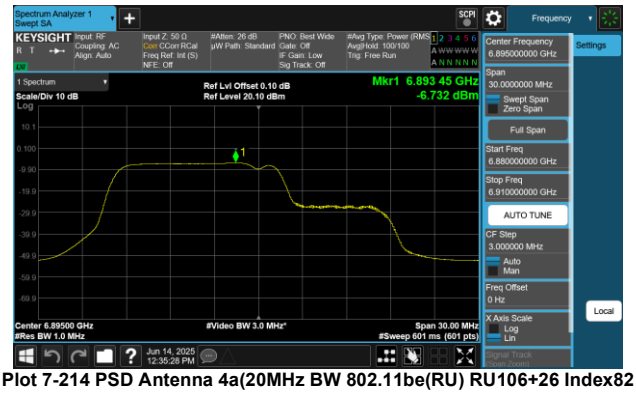
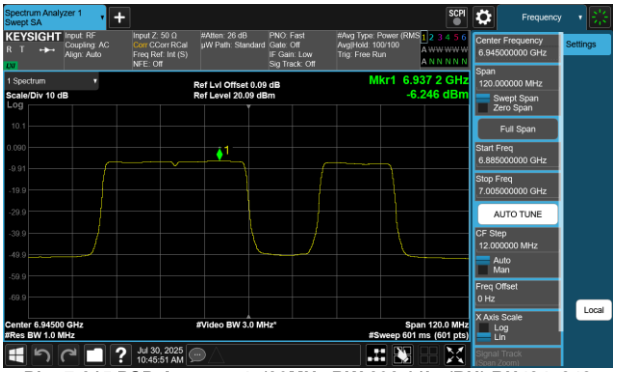
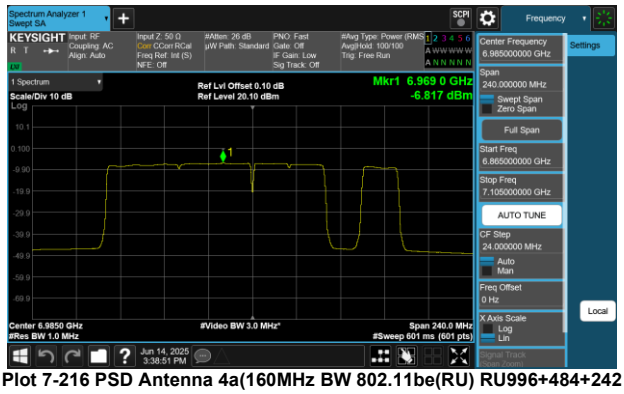


Plot 7-214 PSD Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.189)



Plot 7-215 PSD Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.199)



Plot 7-216 PSD Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index98 - Ch.207)

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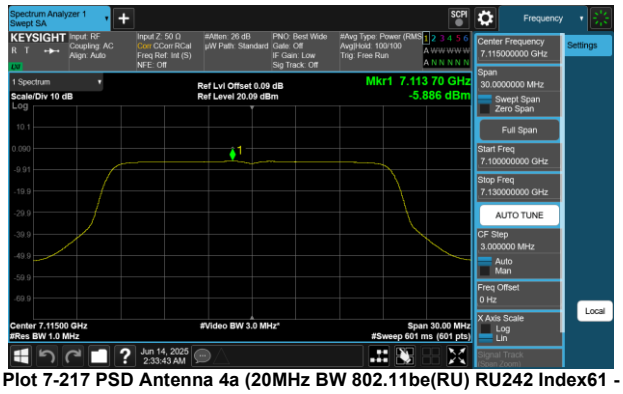
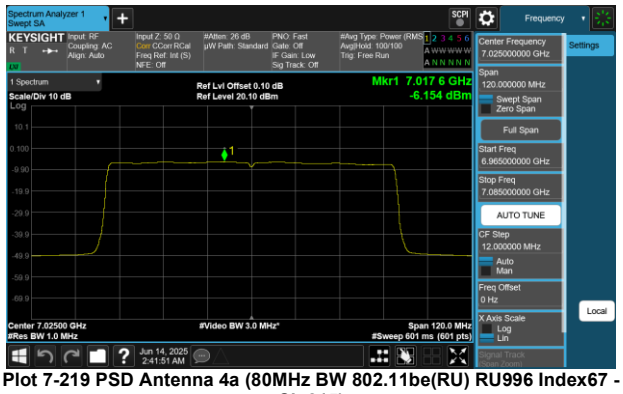
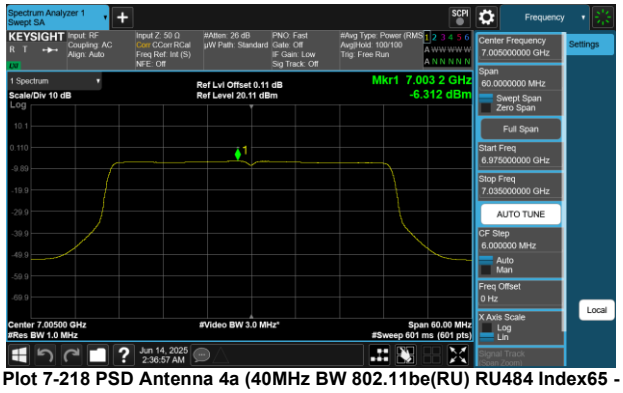


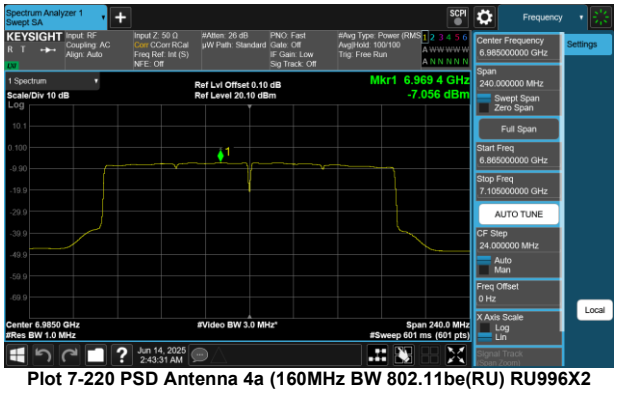
Plot 7-217 PSD Antenna 4a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.233)



Plot 7-219 PSD Antenna 4a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.215)



Plot 7-218 PSD Antenna 4a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.211)



Plot 7-220 PSD Antenna 4a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.207)

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7.4.3 Antenna 2a Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	26	0	MCS5	-9.26	1.60	-7.66	-5.00	-2.66
	6255	61	be (20MHz)	26	8	MCS5	-9.39	1.60	-7.79	-5.00	-2.79
	6415	93	be (20MHz)	26	0	MCS5	-8.66	1.00	-7.66	-5.00	-2.66
	6125	35	be (40MHz)	26	8	MCS5	-9.72	1.60	-8.12	-5.00	-3.12
	6245	59	be (40MHz)	26	17	MCS5	-9.37	1.60	-7.77	-5.00	-2.77
	6405	91	be (40MHz)	26	8	MCS5	-9.06	1.00	-8.06	-5.00	-3.06
	6145	39	be (80MHz)	26	0	MCS5	-9.48	1.60	-7.88	-5.00	-2.88
	6225	55	be (80MHz)	26	36	MCS5	-9.26	1.60	-7.66	-5.00	-2.66
	6385	87	be (80MHz)	26	0	MCS5	-9.19	1.00	-8.19	-5.00	-3.19
	6185	47	be (160MHz)	26	36	MCS5	-9.56	1.60	-7.96	-5.00	-2.96
	6345	79	be (160MHz)	26	36	MCS5	-8.99	1.00	-7.99	-5.00	-2.99
Band 6	6435	97	be (20MHz)	26	8	MCS5	-9.74	0.90	-8.84	-5.00	-3.84
	6475	105	be (20MHz)	26	8	MCS5	-9.95	0.90	-9.05	-5.00	-4.05
	6515	113	be (20MHz)	26	8	MCS5	-9.96	0.90	-9.06	-5.00	-4.06
	6445	99	be (40MHz)	26	17	MCS5	-9.63	0.90	-8.73	-5.00	-3.73
	6485	107	be (40MHz)	26	0	MCS5	-9.86	0.90	-8.96	-5.00	-3.96
	6525	115	be (40MHz)	26	17	MCS5	-11.53	0.90	-10.63	-5.00	-5.63
	6465	103	be (80Mhz)	26	0	MCS5	-9.65	0.90	-8.75	-5.00	-3.75
	6505	111	be (160MHz)	26	0	MCS5	-10.97	0.90	-10.07	-5.00	-5.07
Band 7	6535	117	be (20MHz)	26	8	MCS5	-11.29	-0.50	-11.79	-5.00	-6.79
	6695	149	be (20MHz)	26	0	MCS5	-10.69	-0.50	-11.19	-5.00	-6.19
	6875	185	be (20MHz)	26	8	MCS5	-11.50	-0.50	-12.00	-5.00	-7.00
	6565	123	be (40MHz)	26	8	MCS5	-11.43	-0.50	-11.93	-5.00	-6.93
	6725	155	be (40MHz)	26	17	MCS5	-10.47	-0.50	-10.97	-5.00	-5.97
	6845	179	be (40MHz)	26	0	MCS5	-11.32	-0.50	-11.82	-5.00	-6.82
	6545	119	be (80MHz)	26	0	MCS5	-10.99	-0.50	-11.49	-5.00	-6.49
	6705	151	be (80MHz)	26	36	MCS5	-10.21	-0.50	-10.71	-5.00	-5.71
	6865	183	be (80MHz)	26	0	MCS5	-11.45	-0.50	-11.95	-5.00	-6.95
	6665	143	be (160MHz)	26	36	MCS5	-10.72	-0.50	-11.22	-5.00	-6.22
	6825	175	be (160MHz)	26	17	MCS5	-11.49	-0.50	-11.99	-5.00	-6.99
Band 8	6895	189	be (20MHz)	26	8	MCS5	-11.74	-0.60	-12.34	-5.00	-7.34
	6995	209	be (20MHz)	26	8	MCS5	-10.94	-0.60	-11.54	-5.00	-6.54
	7095	229	be (20MHz)	26	8	MCS5	-11.19	-0.60	-11.79	-5.00	-6.79
	6885	187	be (40MHz)	26	8	MCS5	-11.13	-0.60	-11.73	-5.00	-6.73
	7005	211	be (40MHz)	26	17	MCS5	-11.03	-0.60	-11.63	-5.00	-6.63
	7085	227	be (40MHz)	26	17	MCS5	-11.34	-0.60	-11.94	-5.00	-6.94
	6945	199	be (80MHz)	26	36	MCS5	-11.20	-0.60	-11.80	-5.00	-6.80
	7025	215	be (80MHz)	26	17	MCS5	-11.00	-0.60	-11.60	-5.00	-6.60
	6985	207	be (160MHz)	26	36	MCS5	-10.76	-0.60	-11.36	-5.00	-6.36

Table 7-77. Power Spectral Density Measurements Antenna 2a (RU26)

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	106+26	82	MCS5	-8.88	1.60	-7.28	-5.00	-2.28
	6255	61	be (20MHz)	106+26	82	MCS5	-9.03	1.60	-7.43	-5.00	-2.43
	6415	93	be (20MHz)	106+26	82	MCS5	-8.09	1.00	-7.09	-5.00	-2.09
	6145	39	be (80MHz)	484+242	92	MCS5	-9.20	1.60	-7.60	-5.00	-2.60
	6225	55	be (80MHz)	484+242	92	MCS5	-8.95	1.60	-7.35	-5.00	-2.35
	6385	87	be (80MHz)	484+242	90	MCS5	-8.46	1.00	-7.46	-5.00	-2.46
	6185	47	be (160MHz)	996+484+242	97-L	MCS5	-9.44	1.60	-7.84	-5.00	-2.84
	6345	79	be (160MHz)	996+484+242	97-L	MCS5	-8.59	1.00	-7.59	-5.00	-2.59
Band 6	6435	97	be (20MHz)	106+26	82	MCS5	-9.20	0.90	-8.30	-5.00	-3.30
	6475	105	be (20MHz)	106+26	82	MCS5	-9.12	0.90	-8.22	-5.00	-3.22
	6515	113	be (20MHz)	106+26	82	MCS5	-8.91	0.90	-8.01	-5.00	-3.01
	6465	103	be (80MHz)	484+242	93	MCS5	-9.48	0.90	-8.58	-5.00	-3.58
	6505	111	be (160MHz)	996+484+242	98-L	MCS5	-10.62	0.90	-9.72	-5.00	-4.72
Band 7	6535	117	be (20MHz)	106+26	82	MCS5	-9.93	-0.50	-10.43	-5.00	-5.43
	6695	149	be (20MHz)	106+26	82	MCS5	-9.82	-0.50	-10.32	-5.00	-5.32
	6875	185	be (20MHz)	106+26	82	MCS5	-10.27	-0.50	-10.77	-5.00	-5.77
	6545	119	be (80MHz)	484+242	90	MCS5	-10.13	-0.50	-10.63	-5.00	-5.63
	6705	151	be (80MHz)	484+242	90	MCS5	-10.09	-0.50	-10.59	-5.00	-5.59
	6865	183	be (80MHz)	484+242	90	MCS5	-10.75	-0.50	-11.25	-5.00	-6.25
	6665	143	be (160MHz)	996+484+242	97-L	MCS5	-10.61	-0.50	-11.11	-5.00	-6.11
	6825	175	be (160MHz)	996+484+242	98-L	MCS5	-11.21	-0.50	-11.71	-5.00	-6.71
Band 8	6895	189	be (20MHz)	106+26	82	MCS5	-12.03	-0.60	-12.63	-5.00	-7.63
	6995	209	be (20MHz)	106+26	82	MCS5	-11.92	-0.60	-12.52	-5.00	-7.52
	7095	229	be (20MHz)	106+26	82	MCS5	-11.57	-0.60	-12.17	-5.00	-7.17
	6945	199	be (80MHz)	484+242	90	MCS5	-10.73	-0.60	-11.33	-5.00	-6.33
	7025	215	be (80MHz)	484+242	90	MCS5	-10.47	-0.60	-11.07	-5.00	-6.07
	6985	207	be (160MHz)	996+484+242	96-L	MCS5	-11.15	-0.60	-11.75	-5.00	-6.75

Table 7-78. Power Spectral Density Measurements Antenna 2a (MRU)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	be (20MHz)	242	61	MCS5	-9.55	1.60	-7.95	-5.00	-2.95
	6255	61	be (20MHz)	242	61	MCS5	-9.57	1.60	-7.97	-5.00	-2.97
	6415	93	be (20MHz)	242	61	MCS5	-9.19	1.00	-8.19	-5.00	-3.19
	6125	35	be (40MHz)	484	65	MCS5	-10.27	1.60	-8.67	-5.00	-3.67
	6245	59	be (40MHz)	484	65	MCS5	-10.37	1.60	-8.77	-5.00	-3.77
	6405	91	be (40MHz)	484	65	MCS5	-9.00	1.00	-8.00	-5.00	-3.00
	6145	39	be (80MHz)	996	67	MCS5	-9.95	1.60	-8.35	-5.00	-3.35
	6225	55	be (80MHz)	996	67	MCS5	-9.87	1.60	-8.27	-5.00	-3.27
	6385	87	be (80MHz)	996	67	MCS5	-8.90	1.00	-7.90	-5.00	-2.90
	6185	47	be (160MHz)	996	68	MCS5	-10.84	1.60	-9.24	-5.00	-4.24
	6345	79	be (160MHz)	996	68	MCS5	-10.15	1.00	-9.15	-5.00	-4.15
Band 6	6435	97	be (20MHz)	242	61	MCS5	-9.66	0.90	-8.76	-5.00	-3.76
	6475	105	be (20MHz)	242	61	MCS5	-9.93	0.90	-9.03	-5.00	-4.03
	6515	113	be (20MHz)	242	61	MCS5	-9.76	0.90	-8.86	-5.00	-3.86
	6445	99	be (40MHz)	484	65	MCS5	-9.98	0.90	-9.08	-5.00	-4.08
	6485	107	be (40MHz)	484	65	MCS5	-10.19	0.90	-9.29	-5.00	-4.29
	6525	115	be (40MHz)	484	65	MCS5	-11.68	0.90	-10.78	-5.00	-5.78
	6465	103	be (80Mhz)	996	67	MCS5	-9.92	0.90	-9.02	-5.00	-4.02
	6505	111	be (160MHz)	996	68	MCS5	-12.21	0.90	-11.31	-5.00	-6.31
Band 7	6535	117	be (20MHz)	242	61	MCS5	-10.95	-0.50	-11.45	-5.00	-6.45
	6695	149	be (20MHz)	242	61	MCS5	-11.12	-0.50	-11.62	-5.00	-6.62
	6875	185	be (20MHz)	242	61	MCS5	-11.15	-0.50	-11.65	-5.00	-6.65
	6565	123	be (40MHz)	484	65	MCS5	-11.62	-0.50	-12.12	-5.00	-7.12
	6725	155	be (40MHz)	484	65	MCS5	-11.54	-0.50	-12.04	-5.00	-7.04
	6845	179	be (40MHz)	484	65	MCS5	-11.29	-0.50	-11.79	-5.00	-6.79
	6545	119	be (80MHz)	996	67	MCS5	-11.07	-0.50	-11.57	-5.00	-6.57
	6705	151	be (80MHz)	996	67	MCS5	-11.15	-0.50	-11.65	-5.00	-6.65
	6865	183	be (80MHz)	996	67	MCS5	-11.52	-0.50	-12.02	-5.00	-7.02
	6665	143	be (160MHz)	996	68	MCS5	-12.17	-0.50	-12.67	-5.00	-7.67
	6825	175	be (160MHz)	996	68	MCS5	-12.75	-0.50	-13.25	-5.00	-8.25
Band 8	6895	189	be (20MHz)	242	61	MCS5	-11.04	-0.60	-11.64	-5.00	-6.64
	6995	209	be (20MHz)	242	61	MCS5	-11.61	-0.60	-12.21	-5.00	-7.21
	7115	233	be (20MHz)	242	61	MCS5	-11.84	-0.60	-12.44	-5.00	-7.44
	6885	187	be (40MHz)	484	65	MCS5	-12.04	-0.60	-12.64	-5.00	-7.64
	7005	211	be (40MHz)	484	65	MCS5	-11.89	-0.60	-12.49	-5.00	-7.49
	7085	227	be (40MHz)	484	65	MCS5	-12.05	-0.60	-12.65	-5.00	-7.65
	6945	199	be (80MHz)	996	67	MCS5	-11.70	-0.60	-12.30	-5.00	-7.30
	7025	215	be (80MHz)	996	67	MCS5	-11.77	-0.60	-12.37	-5.00	-7.37
	6985	207	be (160MHz)	996	68	MCS5	-12.62	-0.60	-13.22	-5.00	-8.22

Table 7-79. Power Spectral Density Measurements Antenna 2a (Fully – Loaded RU)

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