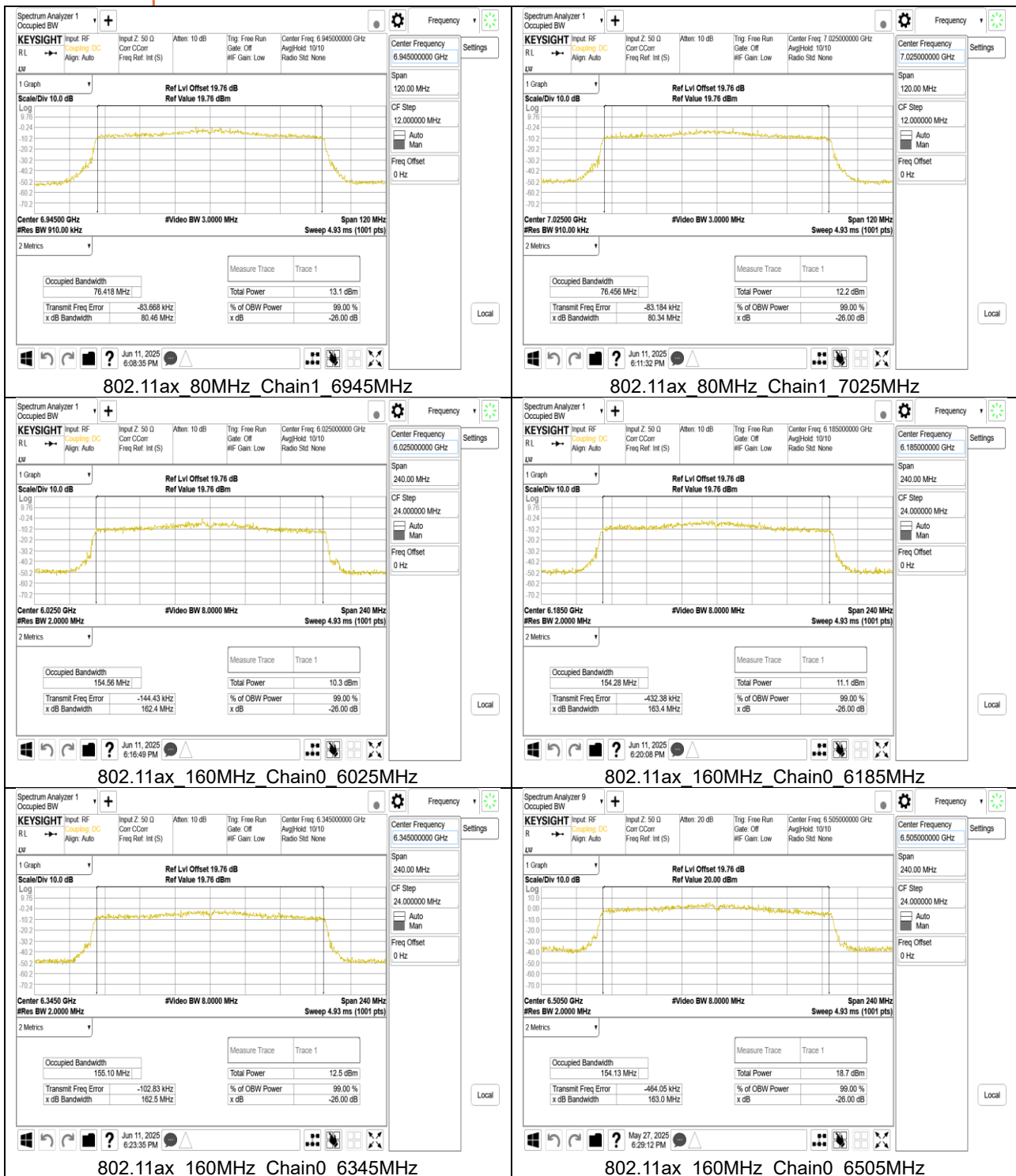




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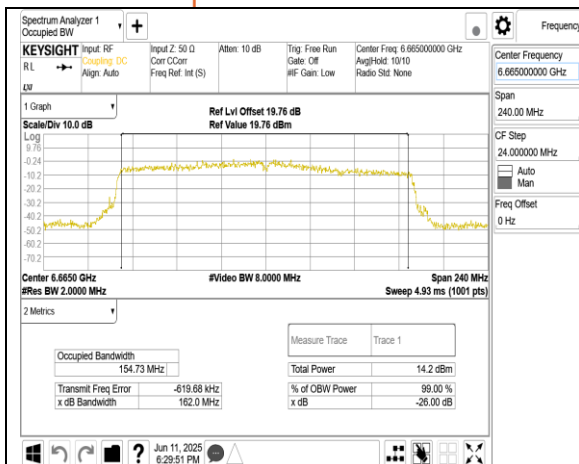
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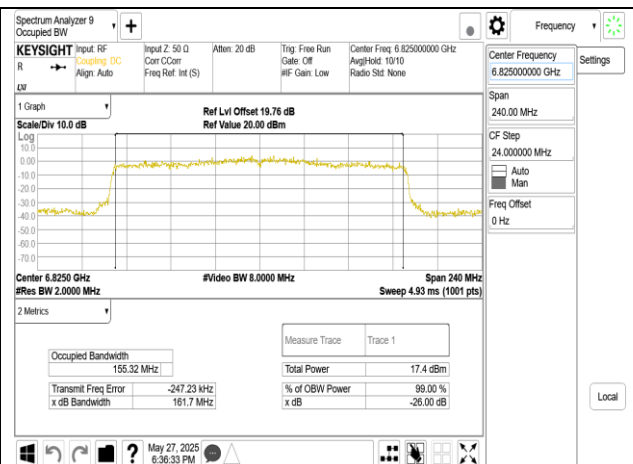
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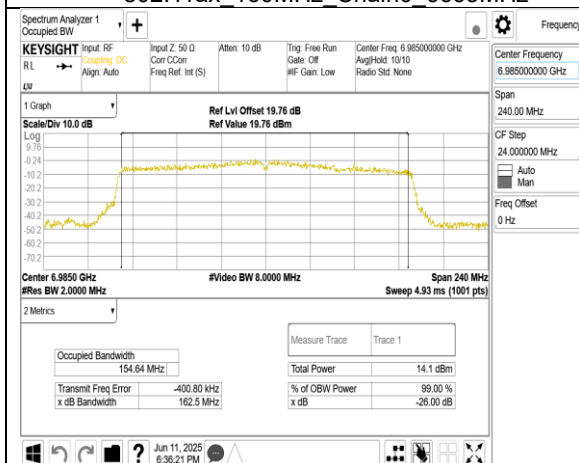
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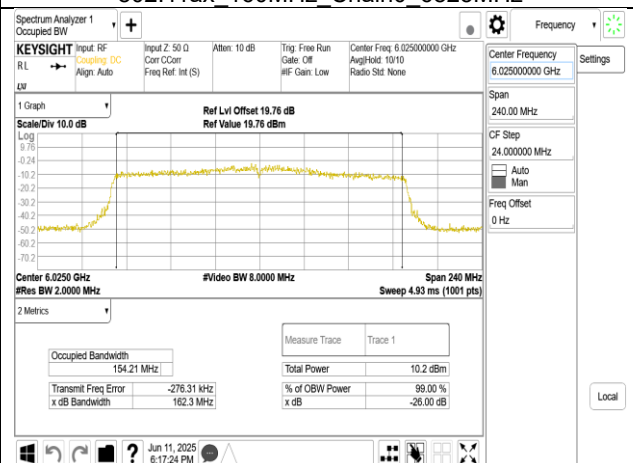
802.11ax 160MHz Chain0 6665MHz



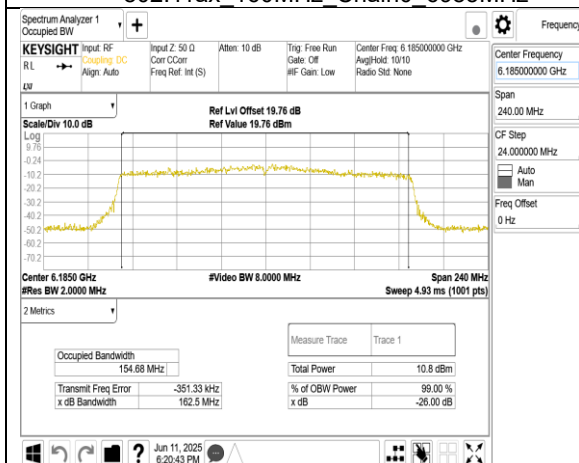
802.11ax 160MHz Chain0 6825MHz



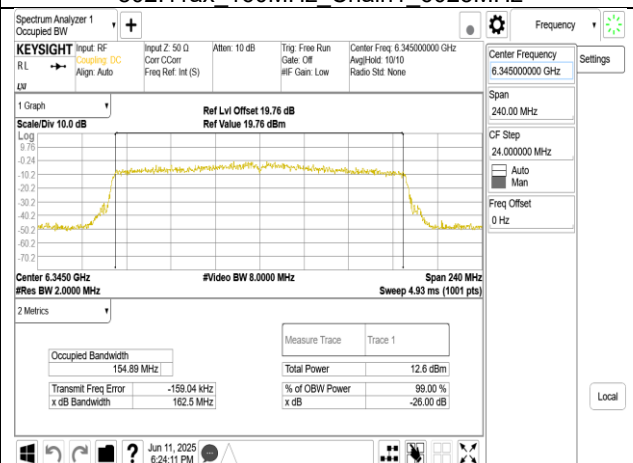
802.11ax 160MHz Chain0 6985MHz



802.11ax 160MHz Chain1 6025MHz



802.11ax 160MHz Chain1 6185MHz

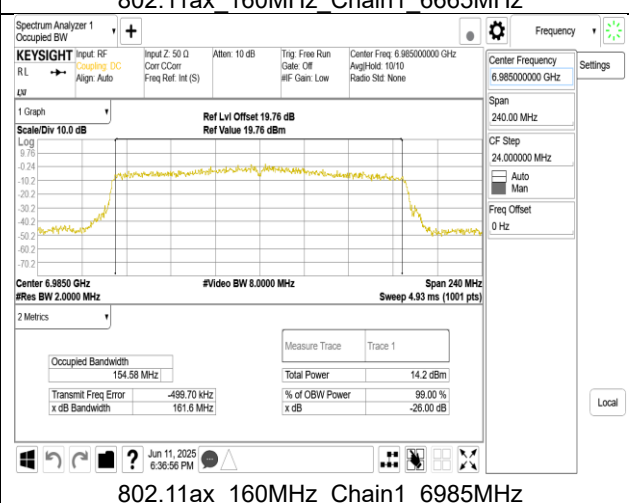
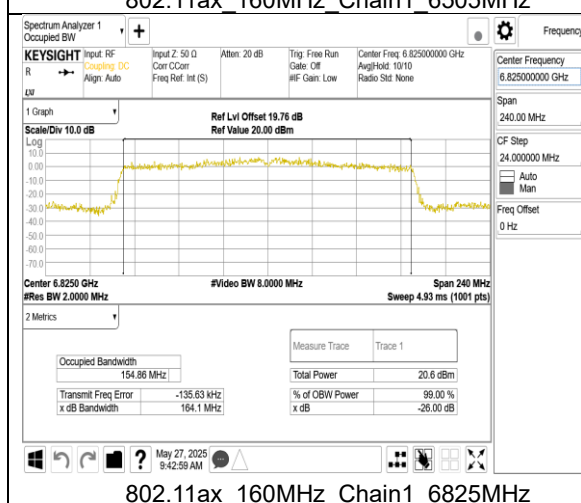
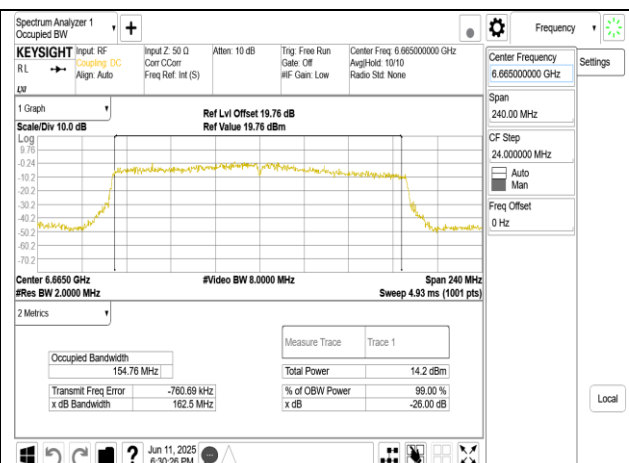
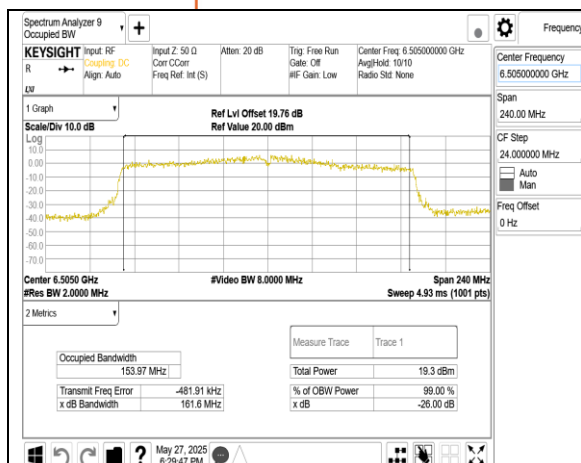


802.11ax 160MHz Chain1 6345MHz

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9 MAXIMUM OUTPUT POWER

9.1 Standard Applicable

9.1.1 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

9.1.2 Output Power

§15.407(a)

- (4) For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.
For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (6) For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.
- (8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
- (9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

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EUT CATEGORY		Equipment Class	§15.407(a)
<input type="checkbox"/>	Very low power devices	VLP	EIRP < 14dBm
<input type="checkbox"/>	Standard Access Point	6SD	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
<input type="checkbox"/>	indoor Access Point	6ID	EIRP < 30dBm
<input type="checkbox"/>	Subordinate Device	6PP	EIRP < 30dBm
<input type="checkbox"/>	Fixed Client	6FC	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
<input checked="" type="checkbox"/>	Indoor Client	6XD	EIRP < 24dBm
<input type="checkbox"/>	Standard Client	6FX	EIRP < 30dBm no more than 6 dB below its associated standard power access point's authorized transmit power
<input type="checkbox"/>	Dual Client	6CD	Compliance both indoor client and standard client limit

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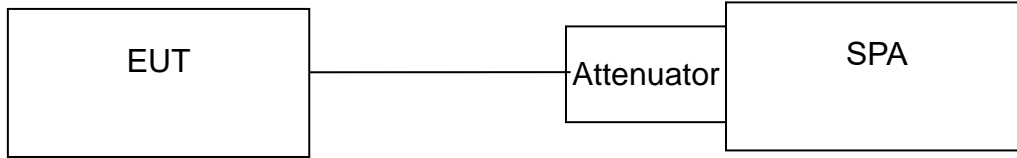
f (886-2) 2298-0488

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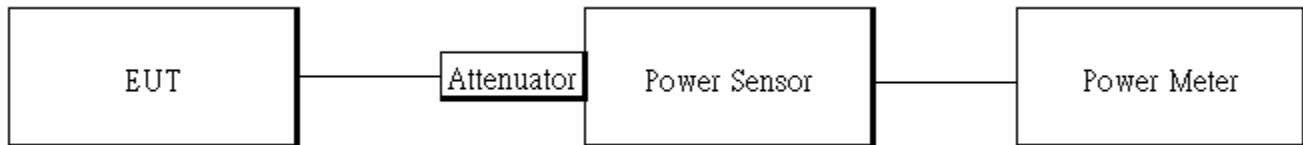
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9.2 Test Setup

9.2.1 Duty Cycle



9.2.2 Output Power



Note:

When the antenna gain is greater than 6 dBi, the power limit attenuated accordingly.

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

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9.3 Measurement Procedure

9.3.1 Duty Cycle

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

9.3.2 Output Power

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add $10 \log(1/\text{duty cycle})$.
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.
7. MIMO mode: offset is set with “measure and add 10 Log (N)” to measurement for MIMO mode. Offset = cable loss + $10 \log (N)$, where N is number of transmitting antenna, cable loss is specified below.

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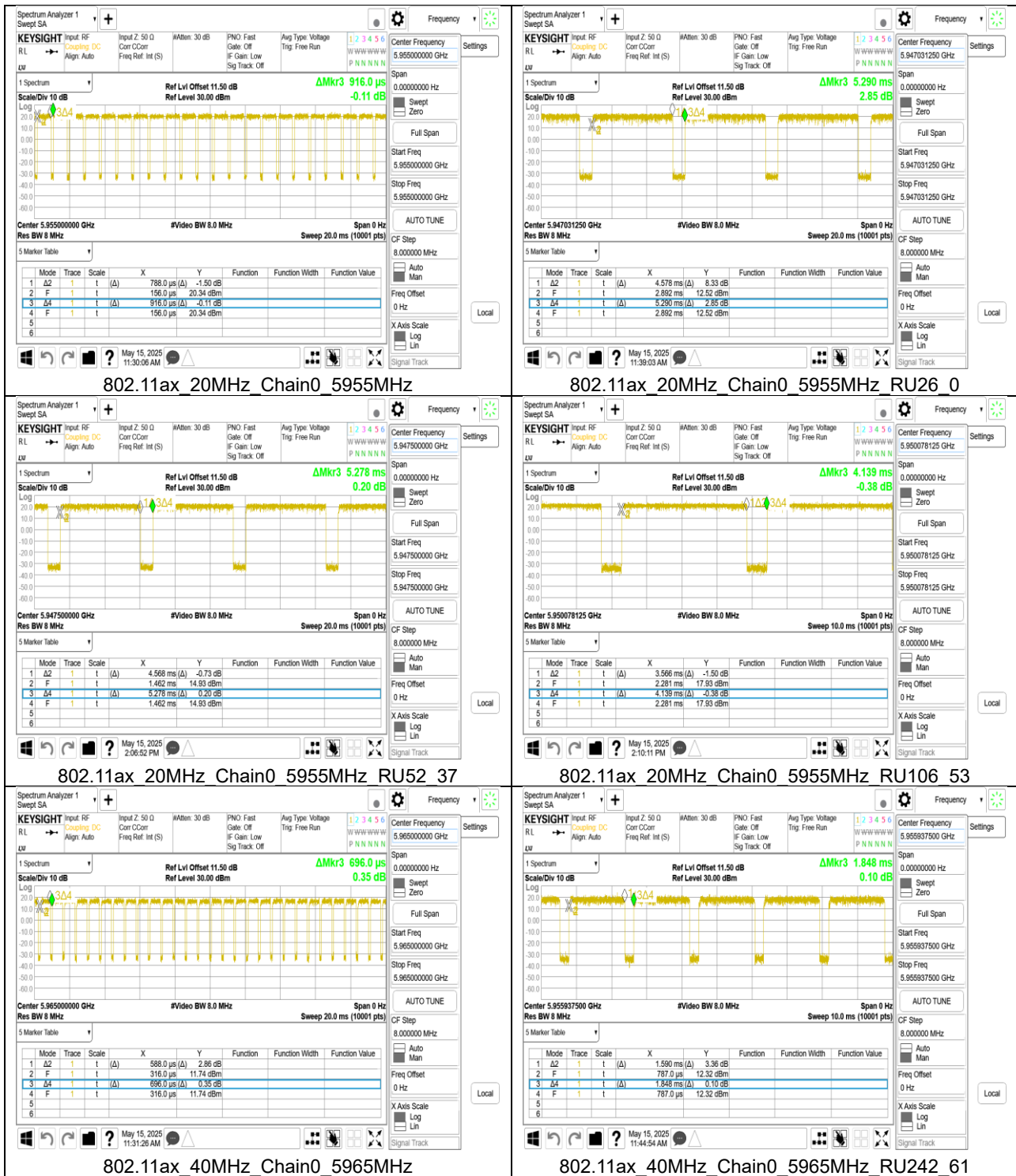
9.4 Duty Cycle Measurement Result

Mode	RU Config	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	Full	86.03	0.65	1.27	2.00
	26 RU	86.54	0.63	0.22	1.00
	52 RU	86.55	0.63	0.22	1.00
	106 RU	86.16	0.65	0.28	1.00
802.11ax_40	Full	84.48	0.73	1.70	2.00
	242 RU	86.04	0.65	0.63	1.00
802.11ax_80	Full	84.62	0.73	1.68	2.00
	484 RU	86.33	0.64	1.21	2.00
802.11ax_160	Full	84.66	0.72	1.68	2.00
	996 RU	86.81	0.61	1.67	2.00

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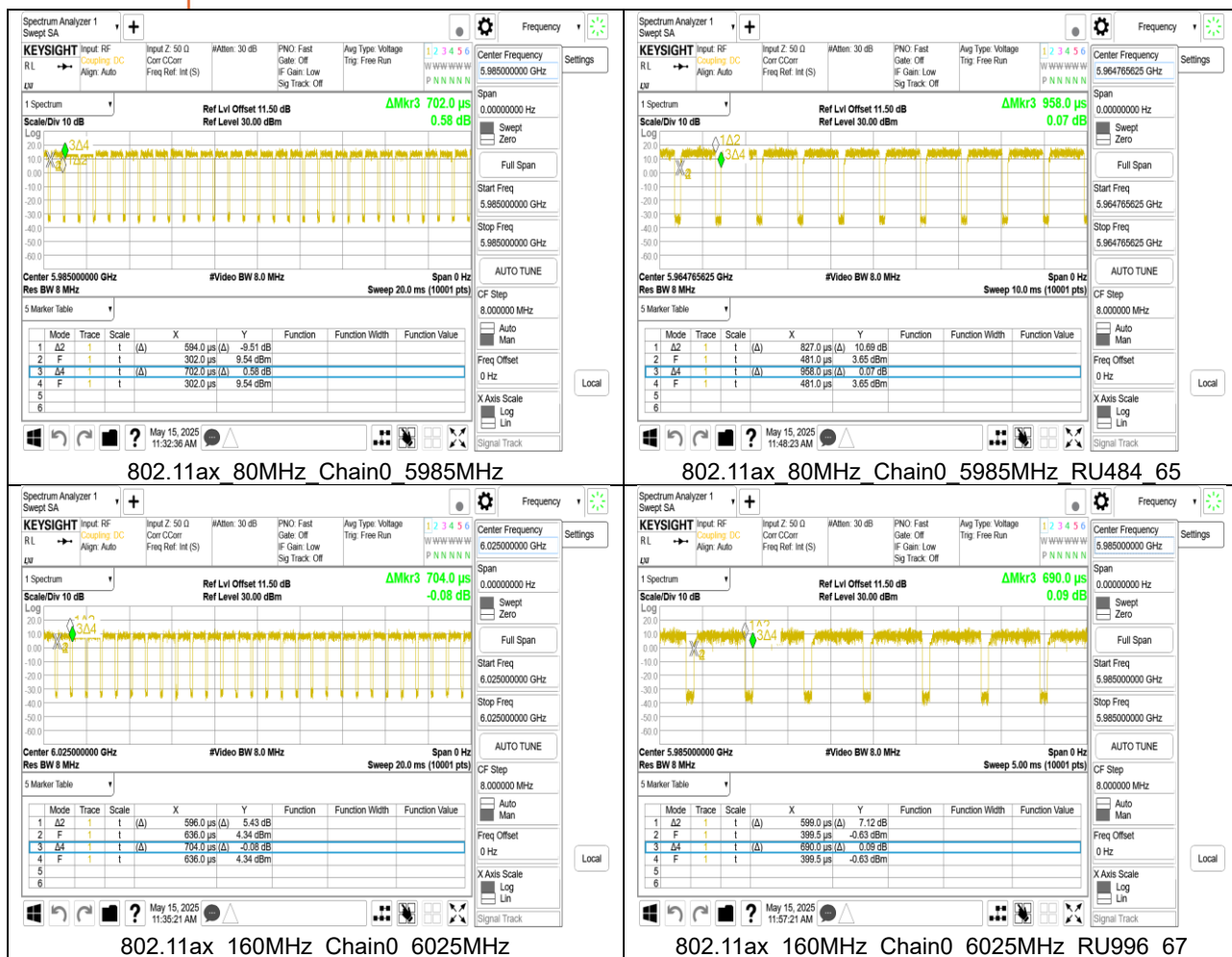
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9.5 Conducted output power

802.11ax 20_2TX

CH	Frequency (MHz)	RU config.	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			Ch0	Ch1					
1	5955	full	-0.36	1.03	3.40	2.38	5.78	24	PASS
		26/0	-7.32	-6.36	-3.81	2.38	-1.43	24	PASS
		52/37	-5.28	-4.20	-1.70	2.38	0.68	24	PASS
		106/53	-2.54	-0.96	1.33	2.38	3.70	24	PASS
45	6175	full	1.77	1.80	4.80	2.38	7.17	24	PASS
93	6415	full	0.50	1.87	4.25	2.38	6.63	24	PASS
		26/8	-8.75	-6.21	-4.29	2.38	-1.91	24	PASS
		52/40	-5.75	-3.66	-1.57	2.38	0.80	24	PASS
		106/54	-1.66	-0.33	2.06	2.38	4.44	24	PASS
97	6435	full	1.33	2.32	4.87	1.87	6.74	24	PASS
		26/0	-5.58	-5.04	-2.29	1.87	-0.42	24	PASS
		52/37	-2.73	-2.43	0.43	1.87	2.30	24	PASS
		106/53	-1.01	0.43	2.78	1.87	4.65	24	PASS
105	6475	full	0.79	1.86	4.37	1.87	6.24	24	PASS
113	6515	full	0.27	1.42	3.90	1.87	5.77	24	PASS
		26/8	-8.00	-5.48	-3.55	1.87	-1.68	24	PASS
		52/40	-5.04	-3.03	-0.91	1.87	0.96	24	PASS
		106/54	-1.86	-0.52	1.87	1.87	3.74	24	PASS
117	6535	full	-0.14	1.09	3.53	2.14	5.67	24	PASS
		26/0	-7.18	-6.38	-3.75	2.14	-1.62	24	PASS
		52/37	-4.00	-3.55	-0.76	2.14	1.38	24	PASS
		106/53	-1.98	-0.74	1.69	2.14	3.83	24	PASS
149	6695	full	1.26	2.06	4.69	2.14	6.83	24	PASS
181	6855	full	1.11	1.97	4.58	2.14	6.71	24	PASS
		26/8	-6.75	-5.52	-3.08	2.14	-0.95	24	PASS
		52/40	-3.79	-2.35	0.00	2.14	2.13	24	PASS
		106/54	-1.08	-0.42	2.27	2.14	4.41	24	PASS
185	6875(U-NII 7)	full	1.54	2.24	4.92	2.14	7.06	24	PASS
185	6875(U-NII 8)	full	1.54	2.24	4.92	2.14	7.06	24	PASS
189	6895	full	0.66	1.50	4.11	2.14	6.25	24	PASS
		26/0	-5.64	-5.41	-2.52	2.14	-0.38	24	PASS
		52/37	-3.59	-3.20	-0.38	2.14	1.76	24	PASS
		106/53	-0.21	0.54	3.19	2.14	5.33	24	PASS
209	6995	full	1.10	0.88	4.01	2.14	6.15	24	PASS
233	7115	full	-6.51	-6.68	-3.58	2.14	-1.44	24	PASS
		26/8	-13.76	-13.12	-10.42	2.14	-8.28	24	PASS
		52/40	-11.25	-10.67	-7.94	2.14	-5.80	24	PASS
		106/54	-8.58	-8.52	-5.54	2.14	-3.40	24	PASS

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802.11ax_40_2TX

CH	Frequency (MHz)	RU config.	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			Ch0	Ch1					
3	5965	full	3.36	4.39	6.92	2.38	9.29	24	PASS
		242/61	-0.45	0.00	2.79	2.38	5.17	24	PASS
43	6165	full	4.42	4.44	7.44	2.38	9.82	24	PASS
91	6405	full	3.22	4.65	7.01	2.38	9.38	24	PASS
		242/62	1.19	2.78	5.07	2.38	7.45	24	PASS
99	6445	full	3.91	5.01	7.51	1.87	9.38	24	PASS
		242/61	0.89	2.31	4.67	1.87	6.54	24	PASS
107	6485	full	3.31	4.52	6.97	1.87	8.84	24	PASS
		242/62	1.12	2.68	4.98	1.87	6.86	24	PASS
115	6525(U-NII 6)	full	2.64	3.97	6.37	1.87	8.24	24	PASS
115	6525(U-NII 7)	full	2.64	3.97	6.37	2.14	8.51	24	PASS
123	6565	full	1.98	3.37	5.74	2.14	7.88	24	PASS
		242/61	1.17	2.92	5.15	2.14	7.28	24	PASS
147	6685	full	3.95	4.92	7.47	2.14	9.61	24	PASS
179	6845	full	4.64	5.57	8.14	2.14	10.28	24	PASS
		242/62	2.68	3.94	6.37	2.14	8.51	24	PASS
187	6885(U-NII 7)	full	-1.47	-0.70	1.95	2.14	4.08	24	PASS
187	6885(U-NII 8)	full	3.69	4.45	7.10	2.14	9.24	24	PASS
195	6925	full	3.78	4.71	7.28	2.14	9.42	24	PASS
		242/61	2.03	3.32	5.74	2.14	7.88	24	PASS
211	7005	full	4.39	4.36	7.39	2.14	9.53	24	PASS
227	7085	full	4.47	4.39	7.44	2.14	9.58	24	PASS
		242/62	2.82	2.83	5.84	2.14	7.98	24	PASS

802.11ax_80_2TX

CH	Frequency (MHz)	RU config.	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			Ch0	Ch1					
7	5985	full	5.05	6.17	8.65	2.38	11.03	24	PASS
		484/65	4.27	5.78	8.10	2.38	10.47	24	PASS
39	6145	full	6.46	6.42	9.45	2.38	11.82	24	PASS
87	6385	full	5.20	6.64	8.98	2.38	11.36	24	PASS
		484/66	4.27	5.88	8.16	2.38	10.53	24	PASS
103	6465	full	5.45	6.58	9.06	1.87	10.93	24	PASS
		484/65	4.88	6.34	8.68	1.87	10.55	24	PASS
		484/66	4.33	5.88	8.18	1.87	10.05	24	PASS
119	6545(U-NII 6)	full	0.95	2.24	4.66	1.87	6.53	24	PASS
119	6545(U-NII 7)	full	5.96	7.29	9.69	2.14	11.83	24	PASS
135	6625	full	6.33	7.66	10.05	2.14	12.19	24	PASS
		484/65	4.32	6.06	8.29	2.14	10.42	24	PASS
151	6705	full	7.04	7.75	10.42	2.14	12.55	24	PASS
167	6785	full	7.72	8.56	11.17	2.14	13.30	24	PASS
		484/66	7.00	7.97	10.52	2.14	12.66	24	PASS
183	6865(U-NII 7)	full	6.28	7.08	9.71	2.14	11.85	24	PASS
183	6865(U-NII 8)	full	3.96	4.77	7.39	2.14	9.53	24	PASS
199	6945	full	5.99	6.88	9.46	2.14	11.60	24	PASS
		484/65	5.62	6.71	9.21	2.14	11.35	24	PASS
215	7025	full	6.58	6.40	9.50	2.14	11.64	24	PASS
		484/66	6.93	6.94	9.94	2.14	12.08	24	PASS

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802.11ax_160_2TX

CH	Frequency (MHz)	RU config.	Avg. Output Power(dBm)		TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			Ch0	Ch1					
15	6025	full	9.57	9.47	12.53	2.38	14.91	24	PASS
		996/67	7.36	7.74	10.57	2.38	12.94	24	PASS
47	6185	full	9.19	9.08	12.15	2.38	14.52	24	PASS
79	6345	full	7.96	9.16	11.61	2.38	13.99	24	PASS
		996/S67	6.70	8.23	10.55	2.38	12.92	24	PASS
111	6505(U-NII 6)	full	7.99	9.03	11.55	1.87	13.42	24	PASS
111	6505(U-NII 7)	full	5.69	6.72	9.24	2.14	11.38	24	PASS
143	6665	full	8.77	10.18	12.55	2.14	14.68	24	PASS
		996/67	7.56	9.04	11.38	2.14	13.52	24	PASS
		996/S67	7.83	9.26	11.62	2.14	13.76	24	PASS
175	6825(U-NII 7)	full	9.00	9.82	12.44	2.14	14.58	24	PASS
175	6825(U-NII 8)	full	2.36	3.15	5.78	2.14	7.92	24	PASS
207	6985	full	8.93	8.85	11.90	2.14	14.04	24	PASS
		996/67	7.47	8.43	10.99	2.14	13.13	24	PASS
		996/S67	8.41	8.53	11.49	2.14	13.63	24	PASS

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10 MAXIMUM POWER SPECTRAL DENSITY

10.1 Standard Applicable

§15.407(a)

- (4) For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band.
- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.
- (6) For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.
- (7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1- megahertz band.
- (8) For client devices operating under the control of an indoor access point in the 5.925- 7.125 GHz bands, the maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band.
- (9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed –5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

EUT CATEGORY		Equip- ment Class	§15.407(a)
<input type="checkbox"/>	Very low power devices	VLP	EIRP < 14dBm
<input type="checkbox"/>	Standard Access Point	6SD	EIRP < 36dBm and antenna angle above 30 de- grees < 21dBm EIRP for outdoor use
<input type="checkbox"/>	indoor Access Point	6ID	EIRP < 30dBm
<input type="checkbox"/>	Subordinate Device	6PP	EIRP < 30dBm
<input type="checkbox"/>	Fixed Client	6FC	EIRP < 36dBm and antenna angle above 30 de- grees < 21dBm EIRP for outdoor use
<input checked="" type="checkbox"/>	Indoor Client	6XD	EIRP < 24dBm
<input type="checkbox"/>	Standard Client	6FX	EIRP < 30dBm no more than 6 dB below its associated standard power access point's authorized trans-mit power
<input type="checkbox"/>	Dual Client	6CD	Compliance both indoor client and standard client limit

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Note:

When the antenna gain is greater than 6 dBi, the power spectral density limit attenuated accordingly.

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad \text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

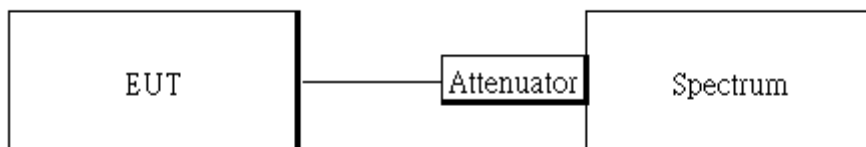
NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k}$ = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

10.2 Test Setup



10.3 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (1001 pts), detector = power averaging (rms), if available. Otherwise, use sample detector mode, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
5. Use the cursor on spectrum to peak search the highest level of trace
6. (1)Duty cycle $\geq 98\%$: Record the max. reading.
(2)Duty cycle $< 98\%$: Record the max. reading and add $10 \log(1/\text{duty cycle})$.
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.
8. MIMO mode: offset is set following "measure and add 10 Log (N)" on spectrum to measure the PSD for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antennas.

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Note: For the test of PSD at MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.

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10.4 Measurement Result

10.4.1 Power spectral density

POWER DENSITY 802.11ax HE20 MODE									
Frequency (MHz)	RU config.	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0 meas	Ch1 meas						
5955	full	-11.155	-10.140	0.65	-6.96	5.37	-1.59	-1.00	-0.59
	26/0	-11.449	-10.401	0.63	-7.25	5.37	-1.88	-1.00	-0.88
	52/37	-11.669	-10.295	0.63	-7.29	5.37	-1.92	-1.00	-0.92
	106/53	-11.220	-10.298	0.65	-7.07	5.37	-1.70	-1.00	-0.70
6175	full	-10.636	-10.465	0.65	-6.89	5.37	-1.52	-1.00	-0.52
6415	full	-11.051	-10.154	0.65	-6.92	5.37	-1.55	-1.00	-0.55
	26/8	-12.525	-9.822	0.63	-7.33	5.37	-1.96	-1.00	-0.96
	52/40	-12.042	-9.612	0.63	-7.02	5.37	-1.65	-1.00	-0.65
	106/54	-10.909	-10.456	0.65	-7.02	5.37	-1.65	-1.00	-0.65
6435	full	-10.678	-9.748	0.65	-6.53	4.87	-1.66	-1.00	-0.66
	26/0	-10.510	-9.937	0.63	-6.57	4.87	-1.70	-1.00	-0.70
	52/37	-10.101	-10.338	0.63	-6.58	4.87	-1.71	-1.00	-0.71
	106/53	-10.454	-10.011	0.65	-6.57	4.87	-1.70	-1.00	-0.70
6475	full	-10.555	-9.825	0.65	-6.51	4.87	-1.64	-1.00	-0.64
6515	full	-10.754	-9.693	0.65	-6.53	4.87	-1.66	-1.00	-0.66
	26/8	-11.268	-9.556	0.63	-6.69	4.87	-1.82	-1.00	-0.82
	52/40	-11.515	-9.440	0.63	-6.71	4.87	-1.84	-1.00	-0.84
	106/54	-11.028	-9.888	0.65	-6.76	4.87	-1.89	-1.00	-0.89
6535	full	-11.558	-9.385	0.65	-6.68	5.14	-1.54	-1.00	-0.54
	26/0	-11.212	-10.175	0.63	-7.02	5.14	-1.88	-1.00	-0.88
	52/37	-10.489	-10.192	0.63	-6.70	5.14	-1.56	-1.00	-0.56
	106/53	-11.275	-10.291	0.65	-7.09	5.14	-1.95	-1.00	-0.95
6695	full	-11.356	-9.996	0.65	-6.96	5.14	-1.82	-1.00	-0.82
6855	full	-11.090	-9.835	0.65	-6.76	5.14	-1.62	-1.00	-0.62
	26/8	-11.547	-9.921	0.63	-7.02	5.14	-1.88	-1.00	-0.88
	52/40	-11.183	-10.158	0.63	-7.00	5.14	-1.86	-1.00	-0.86
	106/54	-10.895	-10.148	0.65	-6.85	5.14	-1.71	-1.00	-0.71
6875(U-NII 7)	full	-10.31	-9.77	0.65	-7.02	5.14	-1.88	-1.00	-0.88
6875(U-NII 8)	full	-10.31	-9.77	0.65	-7.02	5.14	-1.88	-1.00	-0.88
6895	full	-11.117	-10.035	0.65	-6.88	5.14	-1.74	-1.00	-0.74
	26/0	-10.889	-10.207	0.63	-6.89	5.14	-1.75	-1.00	-0.75
	52/37	-11.049	-10.500	0.63	-7.13	5.14	-1.99	-1.00	-0.99
	106/53	-10.735	-10.421	0.65	-6.91	5.14	-1.77	-1.00	-0.77
6995	full	-10.604	-10.382	0.65	-6.83	5.14	-1.69	-1.00	-0.69
7115	full	-18.191	-19.097	0.65	-14.96	5.14	-9.82	-1.00	-8.82
	26/8	-19.057	-18.757	0.63	-15.26	5.14	-10.12	-1.00	-9.12
	52/40	-19.163	-18.837	0.63	-15.36	5.14	-10.22	-1.00	-9.22
	106/54	-19.264	-19.181	0.65	-15.56	5.14	-10.42	-1.00	-9.42

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POWER DENSITY 802.11ax HE40 MODE									
Frequency (MHz)	RU config.	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0 meas	Ch1 meas						
5965	full	-10.983	-10.301	0.73	-6.89	5.37	-1.52	-1.00	-0.52
	242/61	-13.106	-10.948	0.65	-8.23	5.37	-2.86	-1.00	-1.86
6165	full	-10.700	-10.868	0.73	-7.04	5.37	-1.67	-1.00	-0.67
6405	full	-11.318	-10.066	0.73	-6.91	5.37	-1.54	-1.00	-0.54
	242/62	-11.257	-10.088	0.65	-6.97	5.37	-1.60	-1.00	-0.60
6445	full	-10.760	-10.095	0.73	-6.67	4.87	-1.80	-1.00	-0.80
	242/61	-10.884	-10.171	0.65	-6.85	4.87	-1.98	-1.00	-0.98
6485	full	-10.458	-9.808	0.73	-6.38	4.87	-1.51	-1.00	-0.51
	242/62	-10.858	-10.060	0.65	-6.78	4.87	-1.91	-1.00	-0.91
6525(U-NII 6)	full	-10.72	-9.18	0.73	-6.87	4.87	-2.00	-1.00	-1.00
6525(U-NII 7)	full	-10.72	-9.18	0.73	-6.87	5.14	-1.73	-1.00	-0.73
6565	full	-11.763	-9.891	0.73	-6.99	5.14	-1.85	-1.00	-0.85
	242/61	-11.457	-10.193	0.65	-7.12	5.14	-1.98	-1.00	-0.98
6685	full	-11.156	-10.439	0.73	-7.04	5.14	-1.90	-1.00	-0.90
6845	full	-11.126	-9.817	0.73	-6.68	5.14	-1.54	-1.00	-0.54
	242/62	-11.172	-9.969	0.65	-6.87	5.14	-1.73	-1.00	-0.73
6885(U-NII 7)	full	-15.47	-14.43	0.73	-11.91	5.14	-6.77	-1.00	-5.77
6885(U-NII 8)	full	-10.32	-9.28	0.73	-6.75	5.14	-1.61	-1.00	-0.61
6925	full	-11.091	-9.906	0.73	-6.72	5.14	-1.58	-1.00	-0.58
	242/61	-10.806	-10.200	0.65	-6.83	5.14	-1.69	-1.00	-0.69
7005	full	-10.586	-10.254	0.73	-6.68	5.14	-1.54	-1.00	-0.54
7085	full	-10.674	-10.613	0.73	-6.90	5.14	-1.76	-1.00	-0.76
	242/62	-11.021	-10.563	0.65	-7.13	5.14	-1.99	-1.00	-0.99
POWER DENSITY 802.11ax HE80 MODE									
Frequency (MHz)	RU config.	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0 meas	Ch1 meas						
5985	full	-11.805	-9.834	0.73	-6.97	5.37	-1.60	-1.00	-0.60
	484/65	-11.233	-10.230	0.64	-7.05	5.37	-1.68	-1.00	-0.68
6145	full	-10.834	-10.676	0.73	-7.01	5.37	-1.64	-1.00	-0.64
6385	full	-10.605	-10.745	0.73	-6.93	5.37	-1.56	-1.00	-0.56
	484/66	-11.570	-10.186	0.64	-7.17	5.37	-1.80	-1.00	-0.80
6465	full	-10.710	-9.947	0.73	-6.57	4.87	-1.70	-1.00	-0.70
	484/65	-10.905	-9.833	0.64	-6.69	4.87	-1.82	-1.00	-0.82
	484/66	-11.371	-9.690	0.64	-6.80	4.87	-1.93	-1.00	-0.93
6545(U-NII 6)	full	-15.63	-14.17	0.73	-11.83	4.87	-6.96	-1.00	-5.96
6545(U-NII 7)	full	-10.62	-9.12	0.73	-6.79	5.14	-1.65	-1.00	-0.65
6625	full	-10.749	-10.123	0.73	-6.68	5.14	-1.54	-1.00	-0.54
	484/65	-11.419	-10.138	0.64	-7.08	5.14	-1.94	-1.00	-0.94
6705	full	-10.642	-10.208	0.73	-6.68	5.14	-1.54	-1.00	-0.54
6785	full	-11.007	-9.901	0.73	-6.68	5.14	-1.54	-1.00	-0.54
	484/66	-10.808	-10.036	0.64	-6.75	5.14	-1.61	-1.00	-0.61
6865(U-NII 7)	full	-10.72	-9.34	0.73	-6.97	5.14	-1.83	-1.00	-0.83
6865(U-NII 8)	full	-13.04	-11.66	0.73	-9.28	5.14	-4.14	-1.00	-3.14
6945	full	-11.131	-10.295	0.73	-6.95	5.14	-1.81	-1.00	-0.81
	484/65	-10.789	-10.641	0.64	-7.06	5.14	-1.92	-1.00	-0.92
7025	full	-10.703	-10.600	0.73	-6.91	5.14	-1.77	-1.00	-0.77
	484/66	-10.433	-10.868	0.64	-6.99	5.14	-1.85	-1.00	-0.85

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POWER DENSITY 802.11ax HE160 MODE									
Frequency (MHz)	RU config.	PSD (dBm/MHz)		Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	Directional Gain(dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0 meas	Ch1 meas						
6025	full	-10.738	-10.757	0.72	-7.02	5.37	-1.65	-1.00	-0.65
	996/67	-11.180	-10.771	0.61	-7.35	5.37	-1.98	-1.00	-0.98
6185	full	-10.899	-10.745	0.72	-7.09	5.37	-1.72	-1.00	-0.72
6345	full	-10.707	-10.697	0.72	-6.97	5.37	-1.60	-1.00	-0.60
	996/S67	-11.033	-10.555	0.61	-7.17	5.37	-1.80	-1.00	-0.80
6505(U-NII 6)	full	-10.24	-8.74	0.72	-6.41	4.87	-1.54	-1.00	-0.54
6505(U-NII 7)	full	-12.55	-11.05	0.72	-8.72	5.14	-3.58	-1.00	-2.58
6665	full	-10.849	-10.227	0.72	-6.80	5.14	-1.66	-1.00	-0.66
	996/67	-11.184	-10.121	0.61	-7.00	5.14	-1.86	-1.00	-0.86
	996/S67	-10.967	-10.347	0.61	-7.03	5.14	-1.89	-1.00	-0.89
6825(U-NII 7)	full	-9.98	-10.20	0.72	-7.08	5.14	-1.94	-1.00	-0.94
6825(U-NII 8)	full	-16.62	-16.87	0.72	-13.73	5.14	-8.59	-1.00	-7.59
6985	full	-11.002	-10.448	0.72	-6.99	5.14	-1.85	-1.00	-0.85
	996/67	-10.411	-10.937	0.61	-7.05	5.14	-1.91	-1.00	-0.91
	996/S67	-10.557	-10.914	0.61	-7.11	5.14	-1.97	-1.00	-0.97

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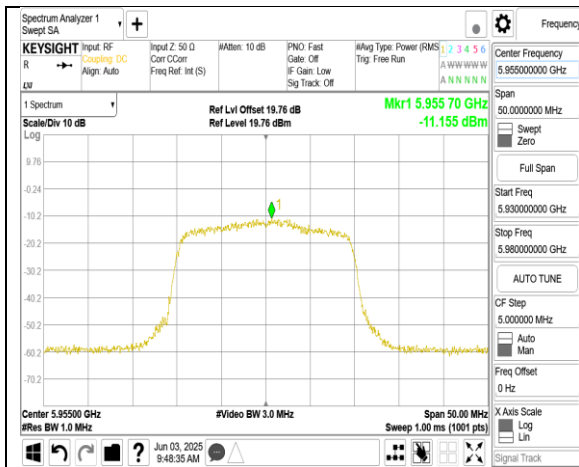
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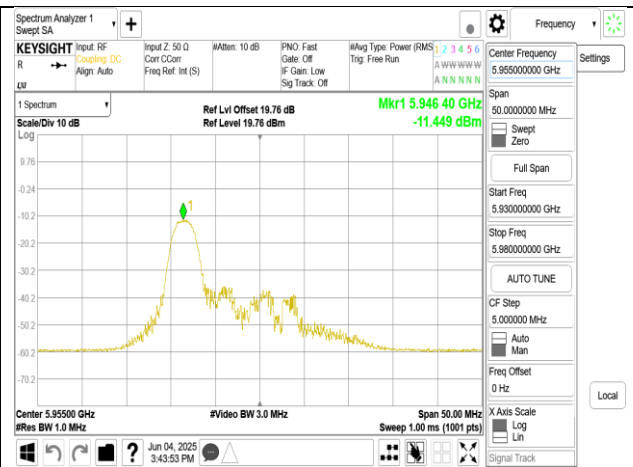
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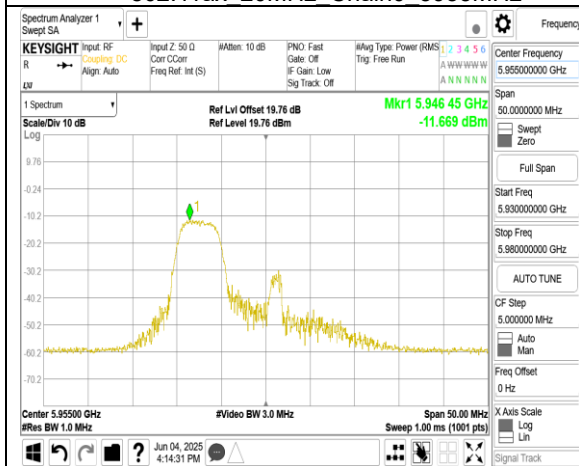
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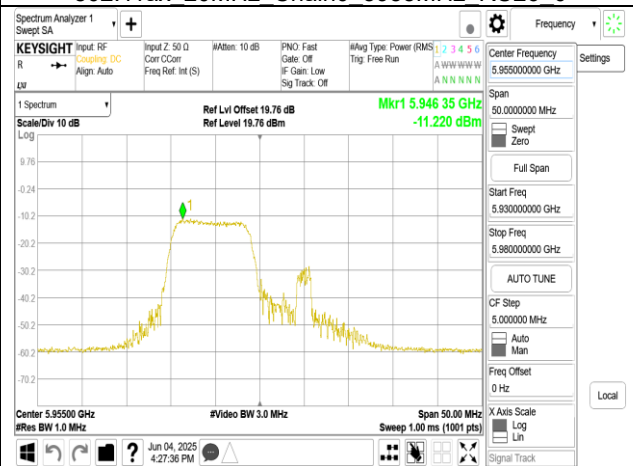
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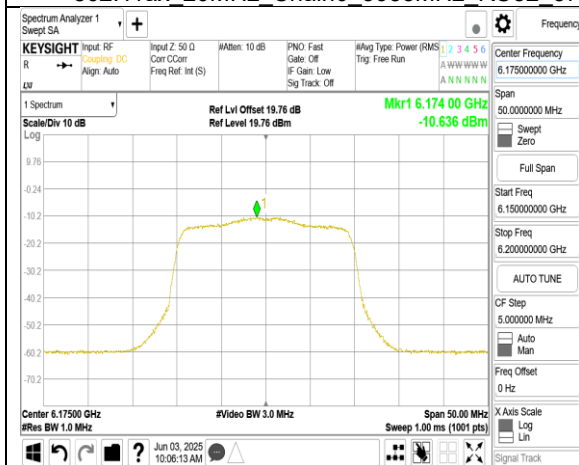
802.11ax 20MHz Chain0 5955MHz RU26 0



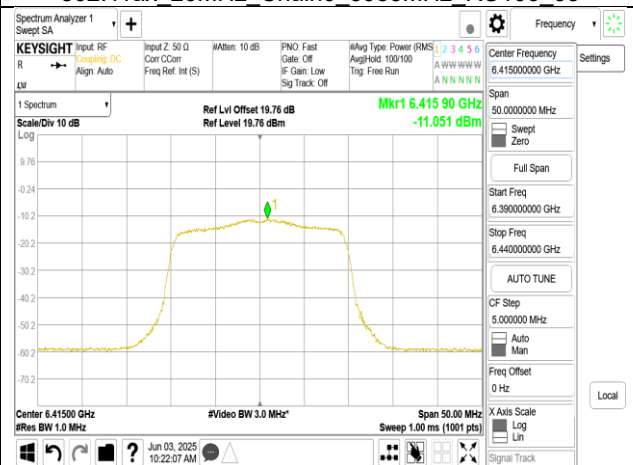
802.11ax 20MHz Chain0 5955MHz RU52 37



802.11ax 20MHz Chain0 5955MHz RU106 53



802.11ax 20MHz Chain0 6175MHz

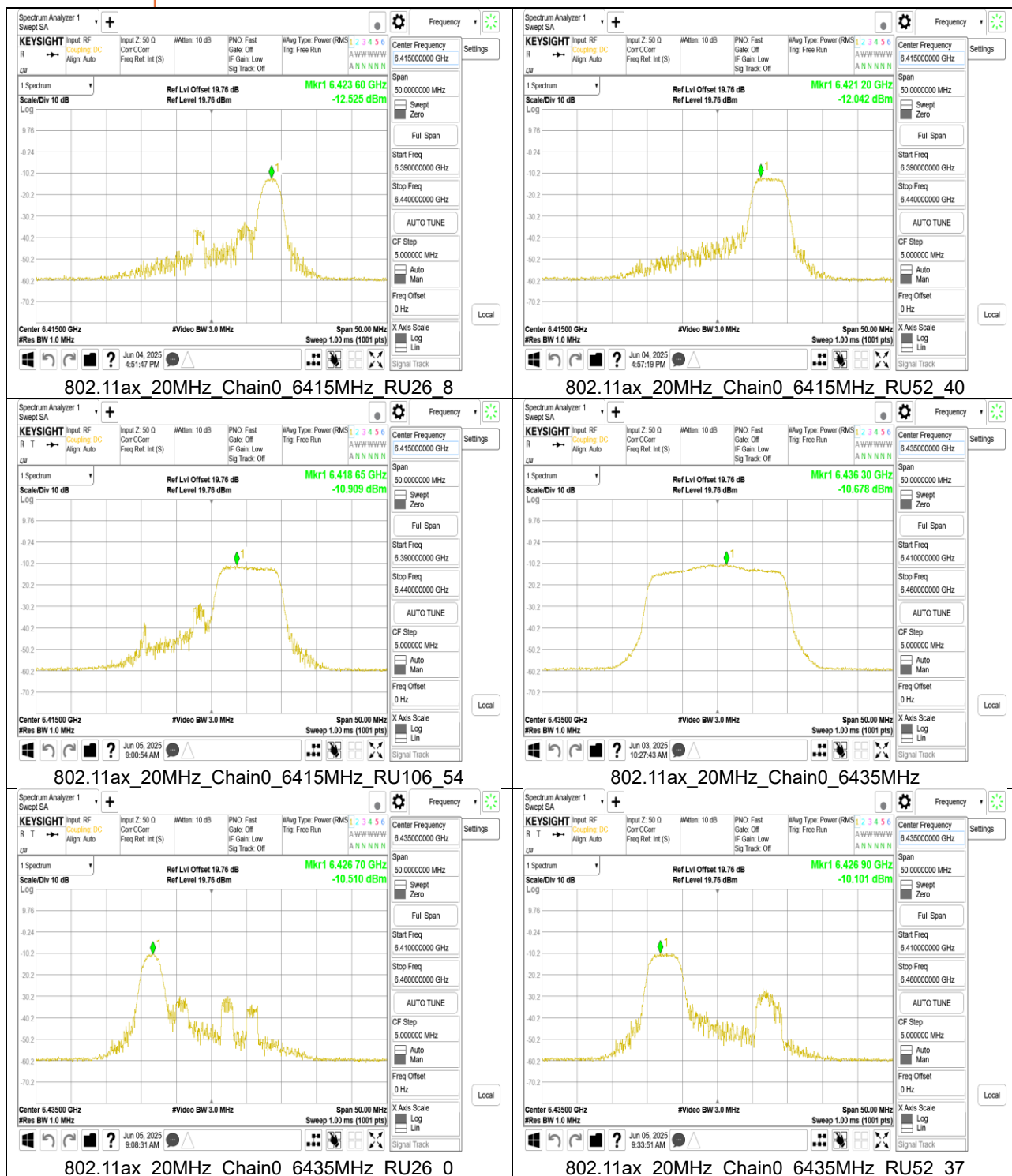


802.11ax 20MHz Chain0 6415MHz

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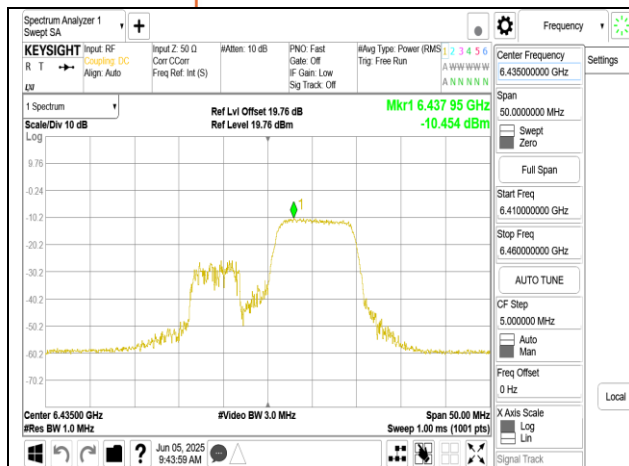
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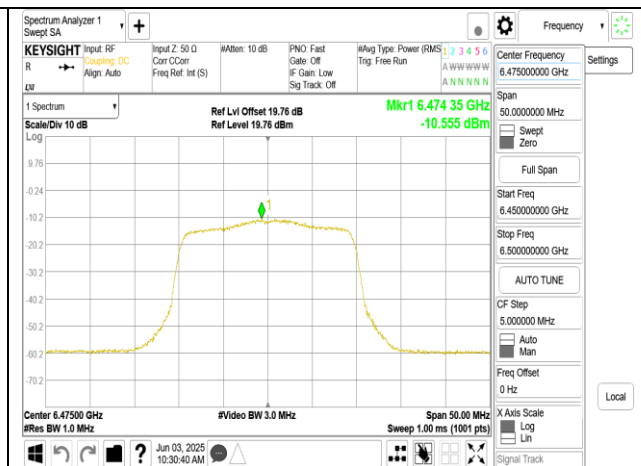
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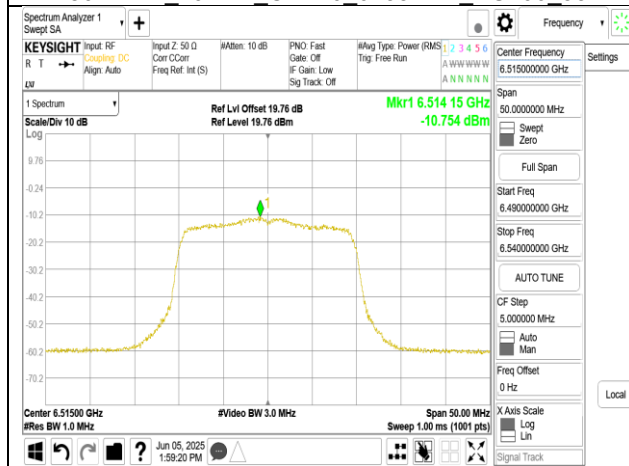
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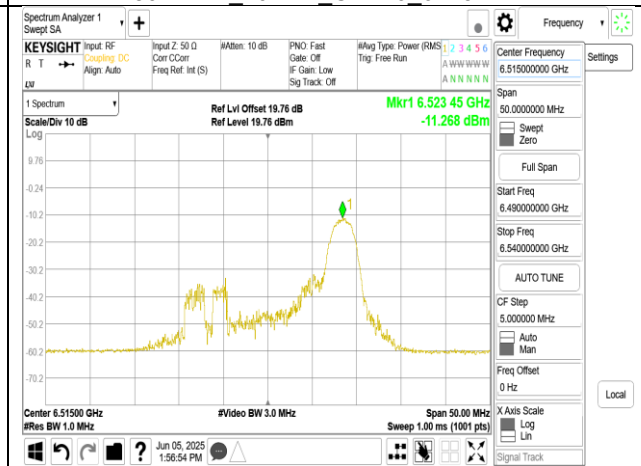
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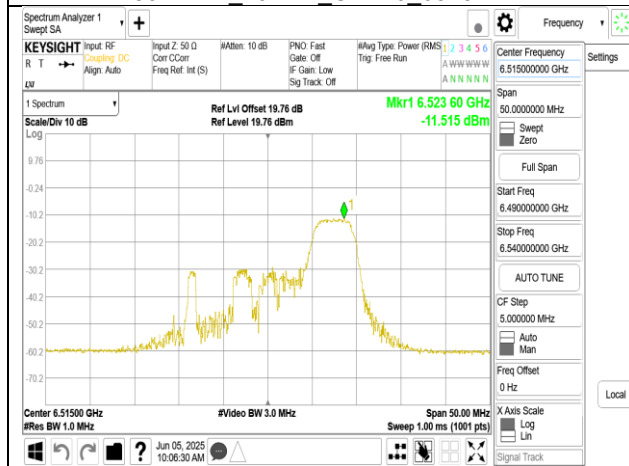
802.11ax 20MHz Chain0 6475MHz



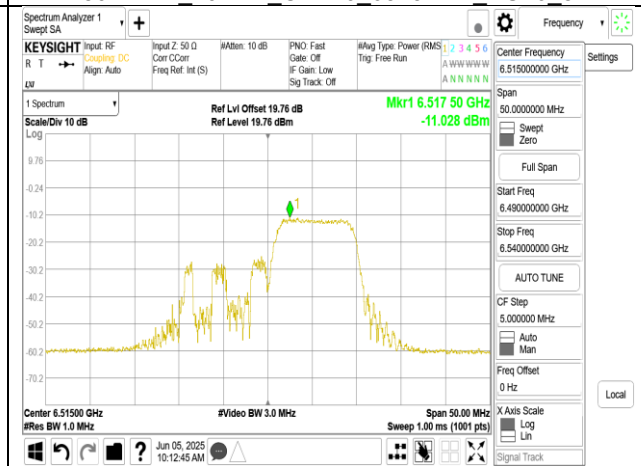
802.11ax 20MHz Chain0 6515MHz



802.11ax 20MHz Chain0 6515MHz RU26_8



802.11ax 20MHz Chain0 6515MHz RU52_40

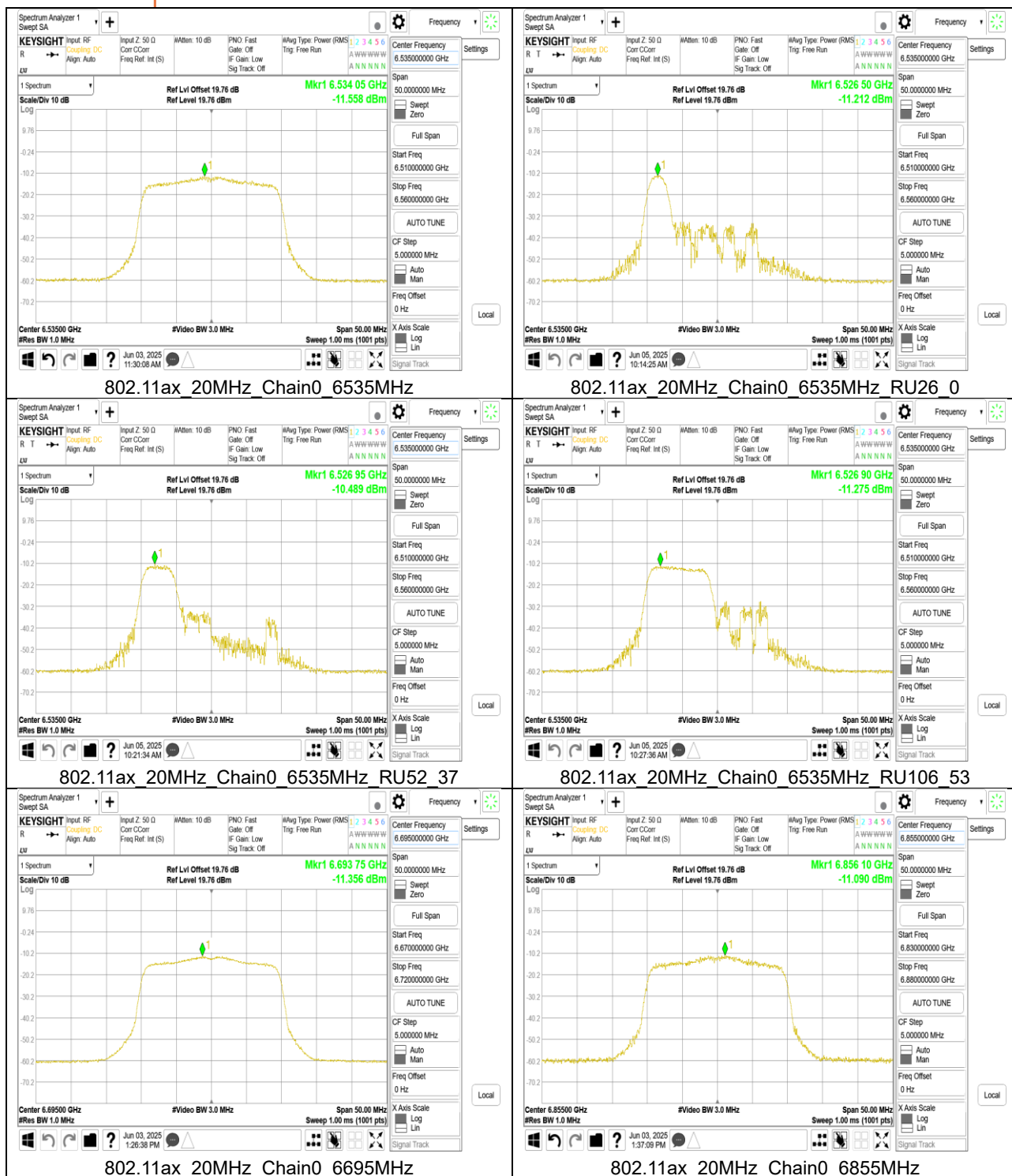


802.11ax 20MHz Chain0 6515MHz RU106_54

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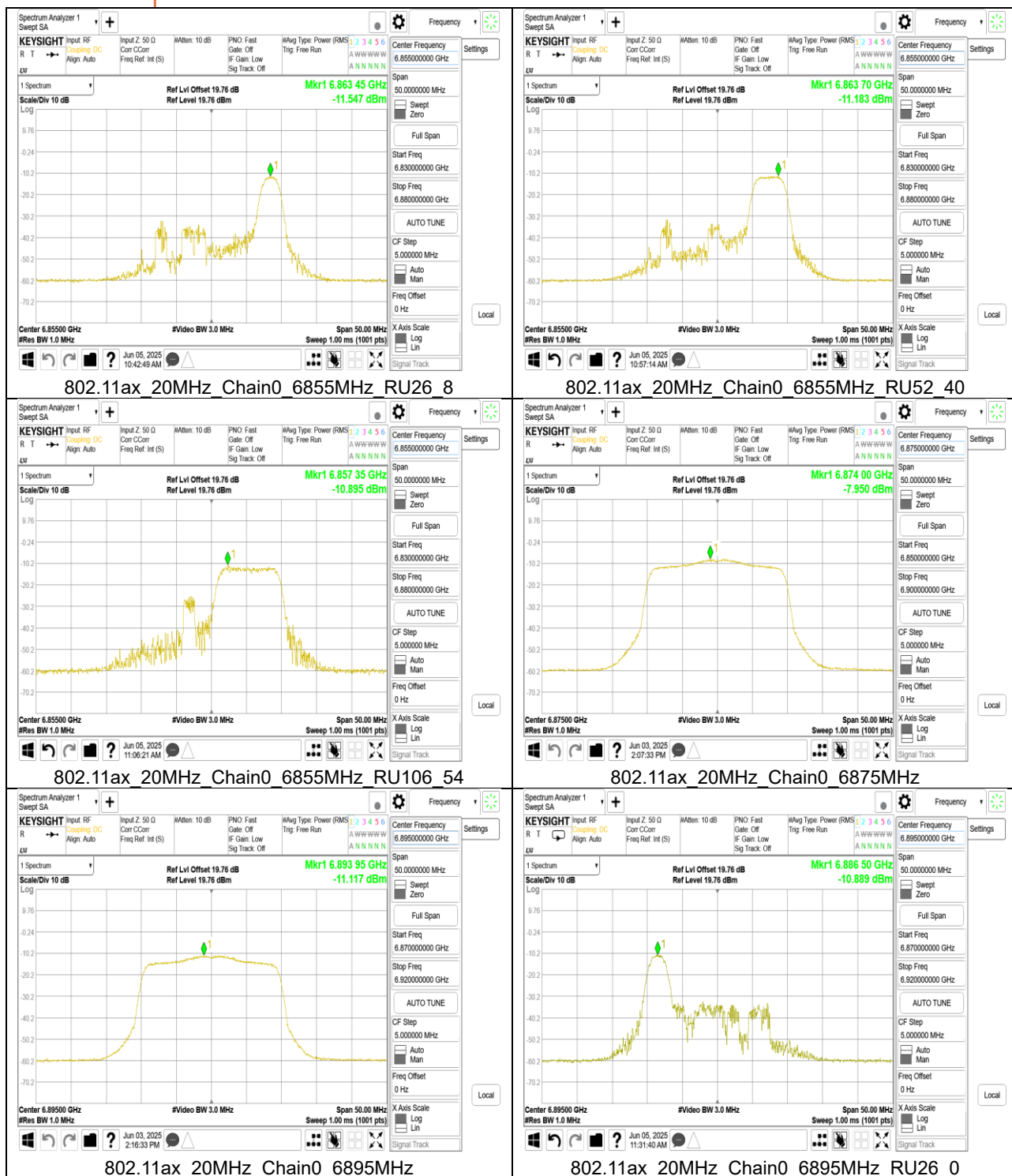
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