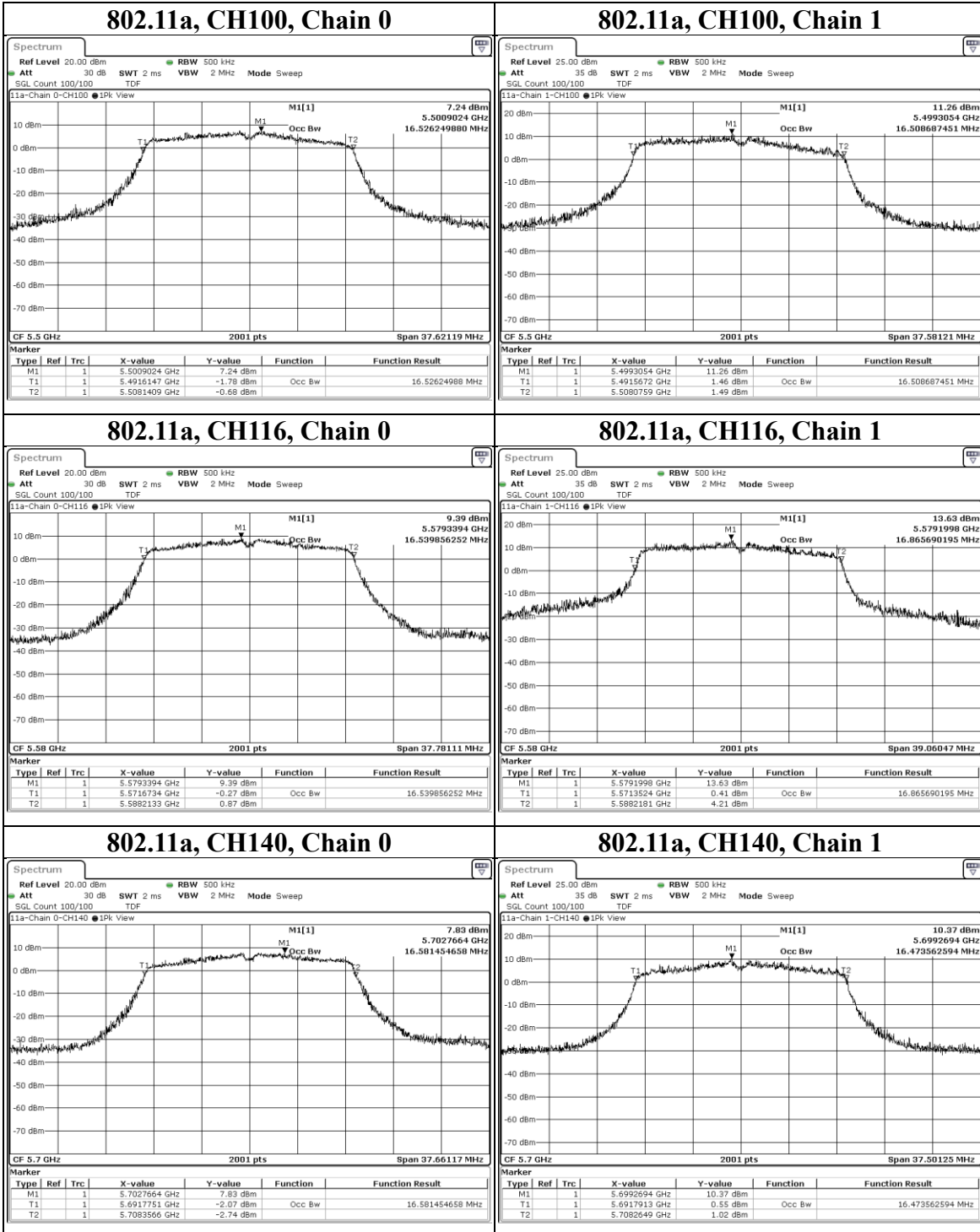


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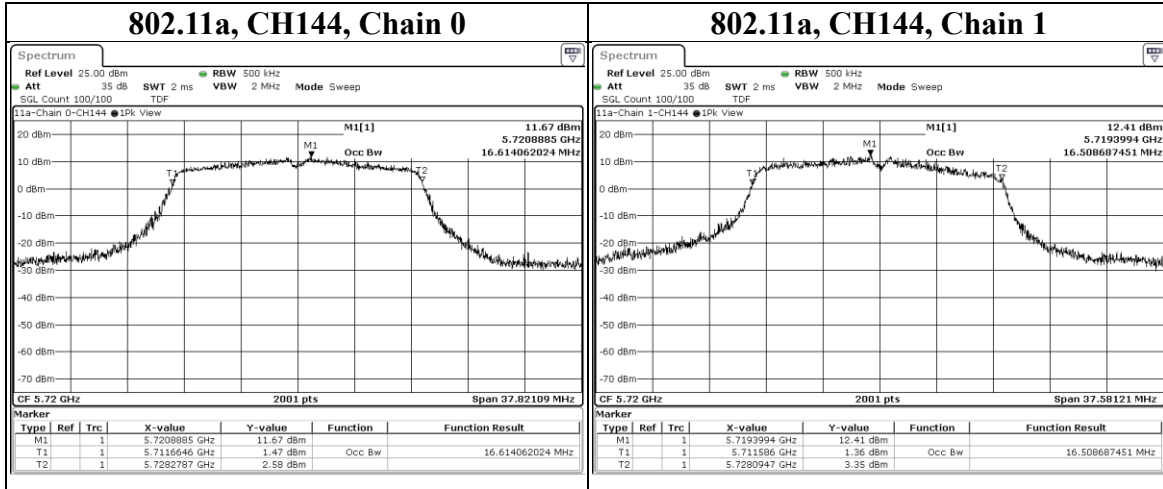


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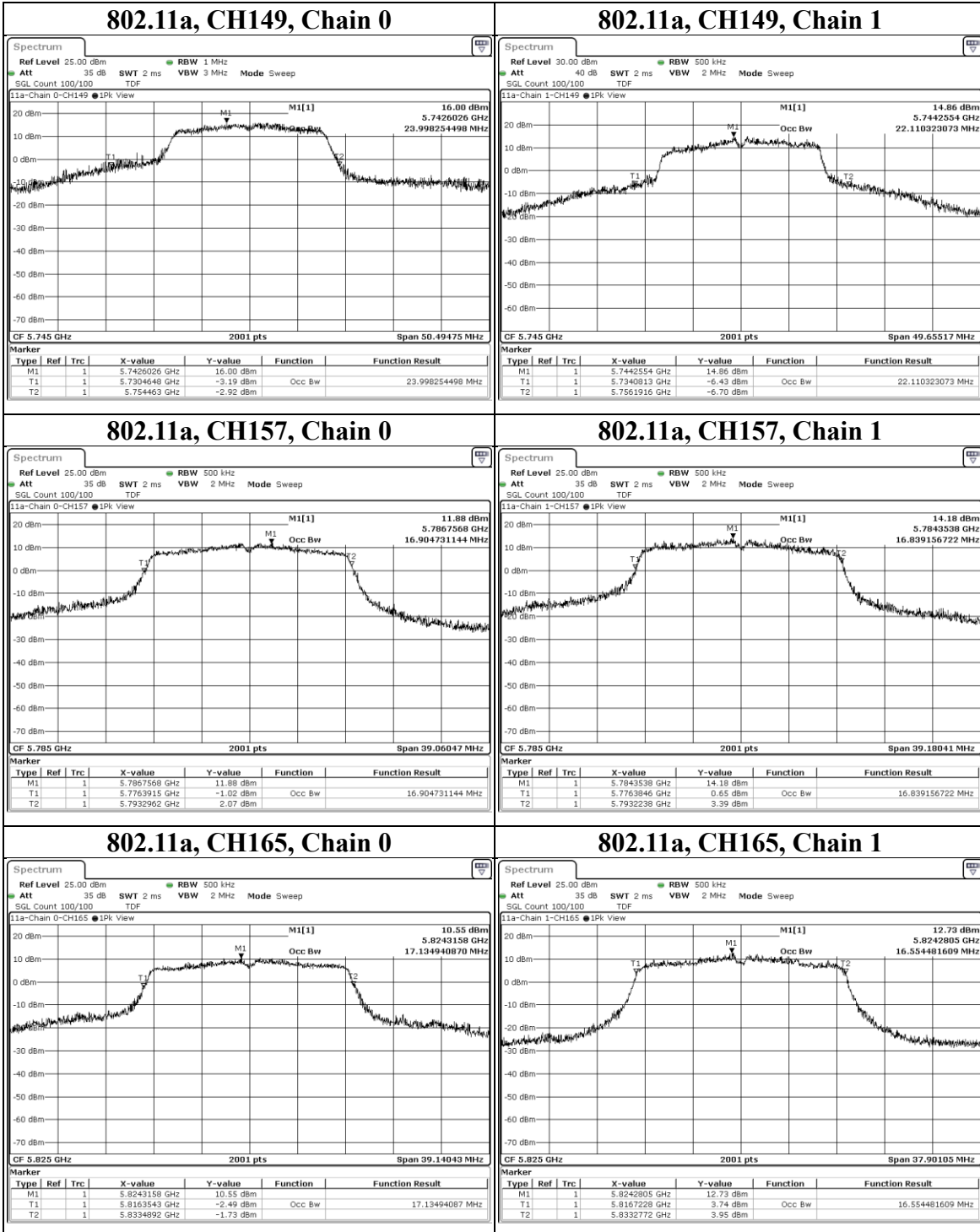


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Mode	CH	Freq (MHz)	OBW (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
802.11ax(HE20)	36	5180	18.92	18.983	N/A	Pass
	44	5220	18.945	19.262	N/A	Pass
	48	5240	18.937	19.001	N/A	Pass
	52	5260	18.926	18.965	N/A	Pass
	60	5300	19.027	19.233	N/A	Pass
	64	5320	18.94	18.881	N/A	Pass
	100	5500	18.953	18.923	N/A	Pass
	116	5580	18.937	19.337	N/A	Pass
	140	5700	18.932	18.908	N/A	Pass
	144 (U-NII-2C)	5720	14.624	14.506	N/A	Pass
	144 (U-NII-2C+U-NII-3)	5720	19.013	18.97	N/A	Pass
	144 (U-NII-3)	5720	4.389	4.464	N/A	Pass
	149	5745	19.395	26.934	N/A	Pass
	157	5785	19.125	19.234	N/A	Pass
165	5825	23.737	19.405	N/A	Pass	

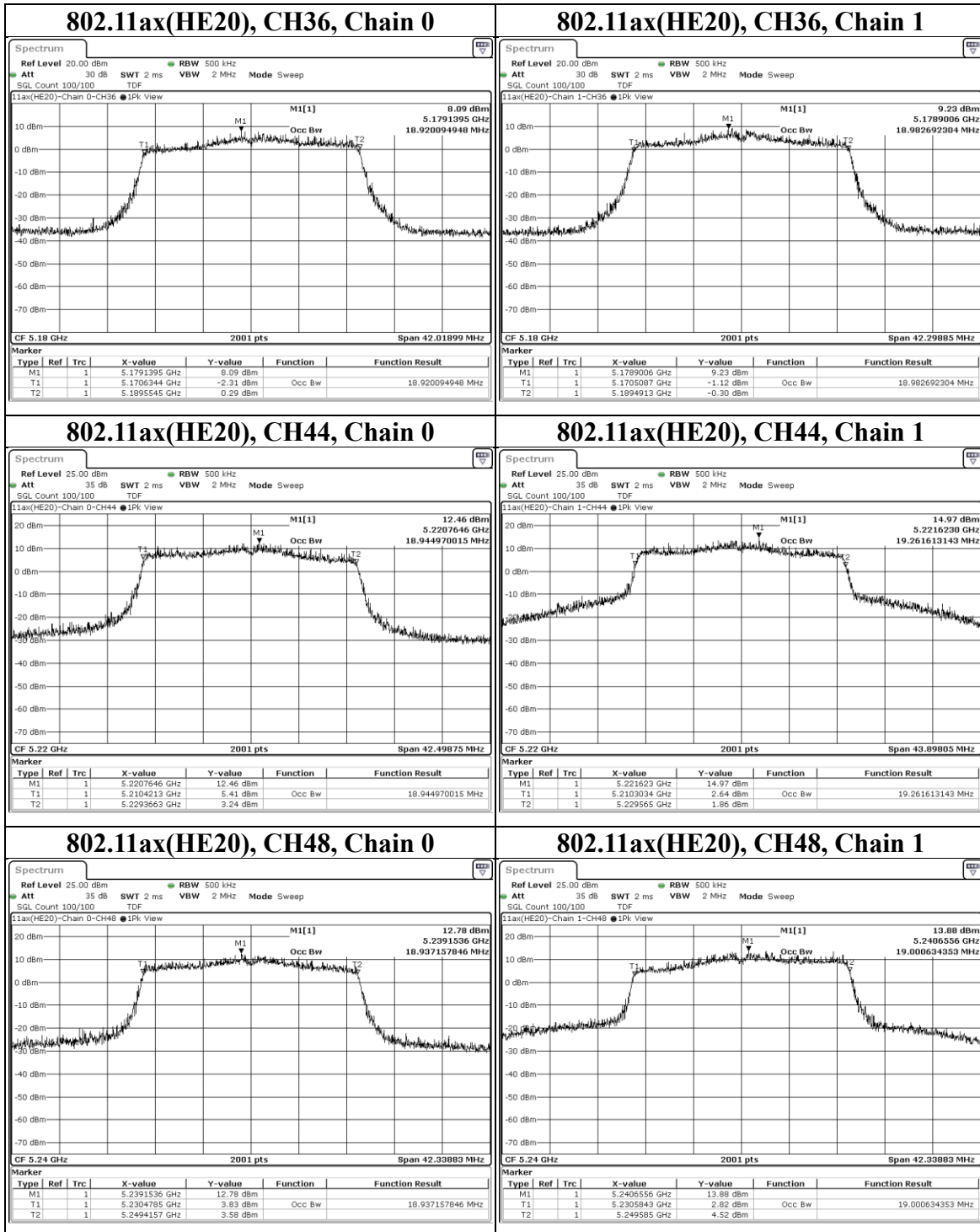
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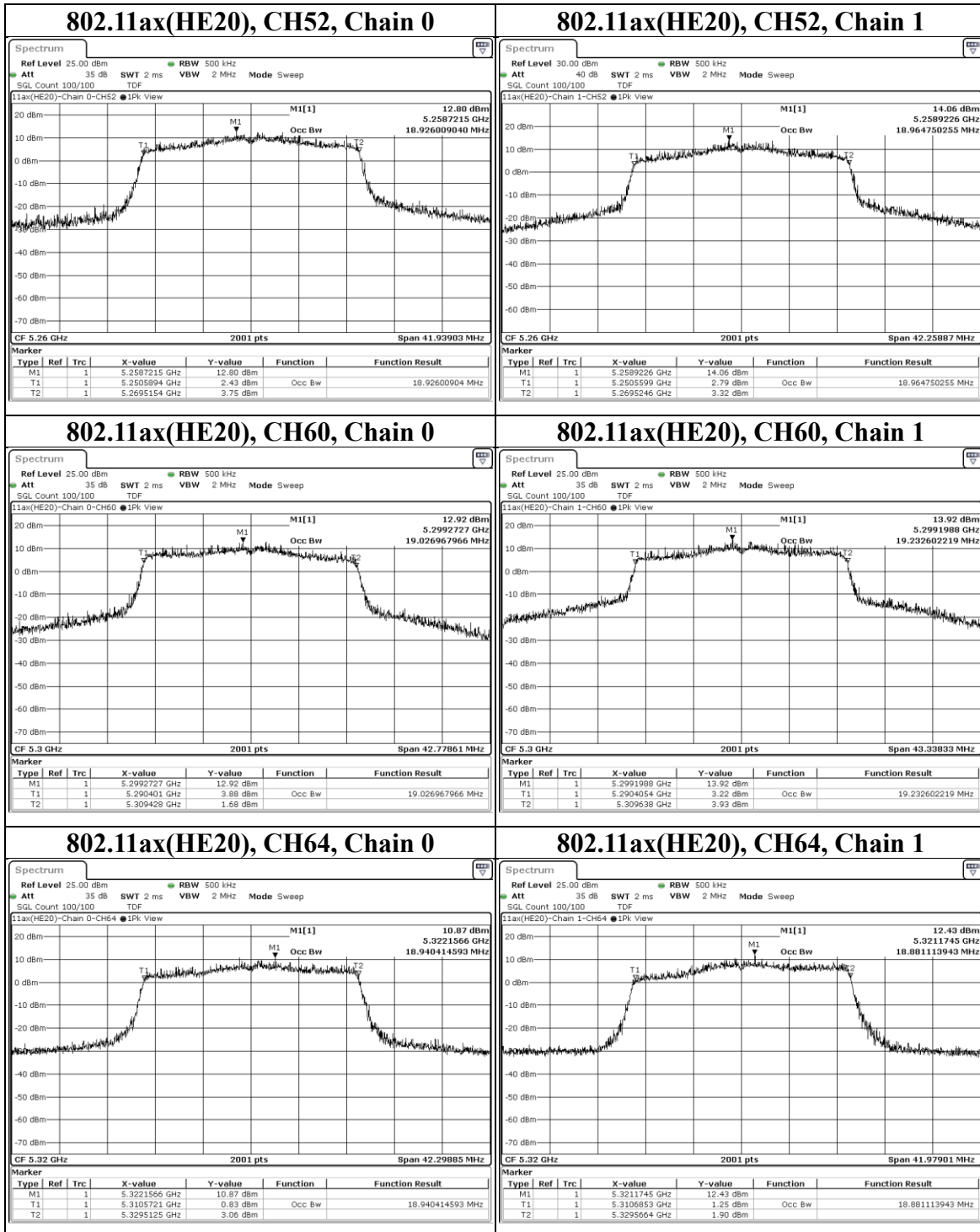


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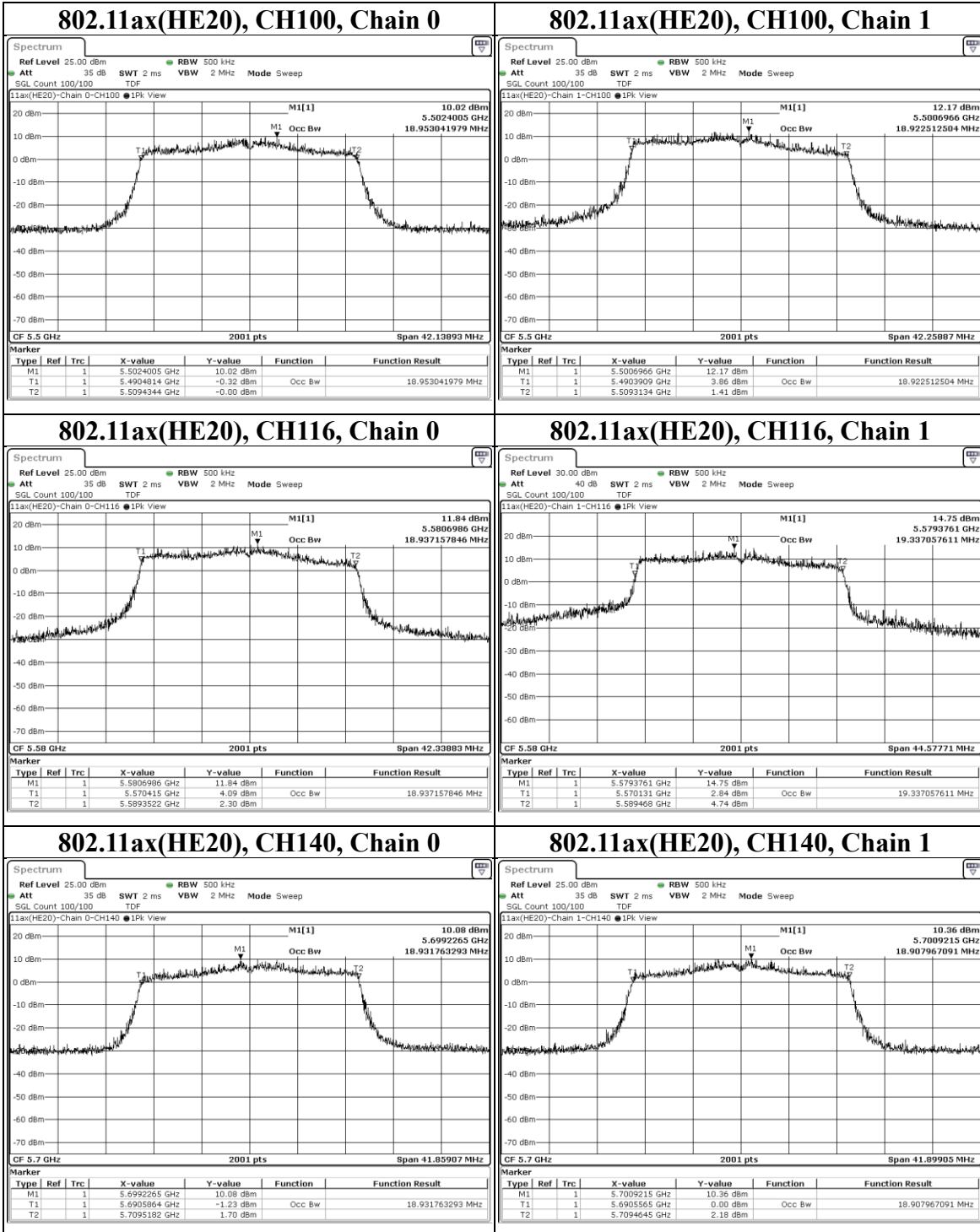


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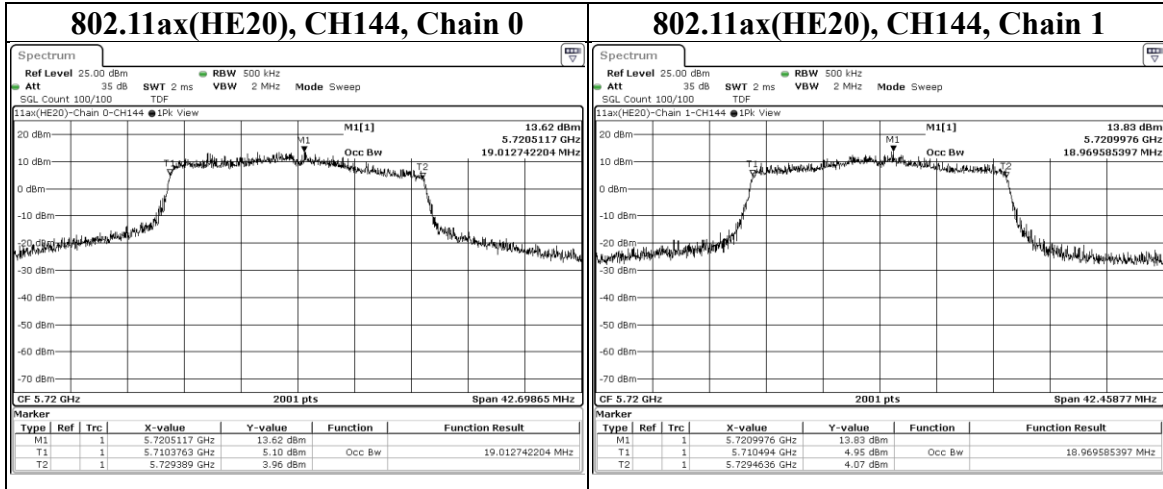
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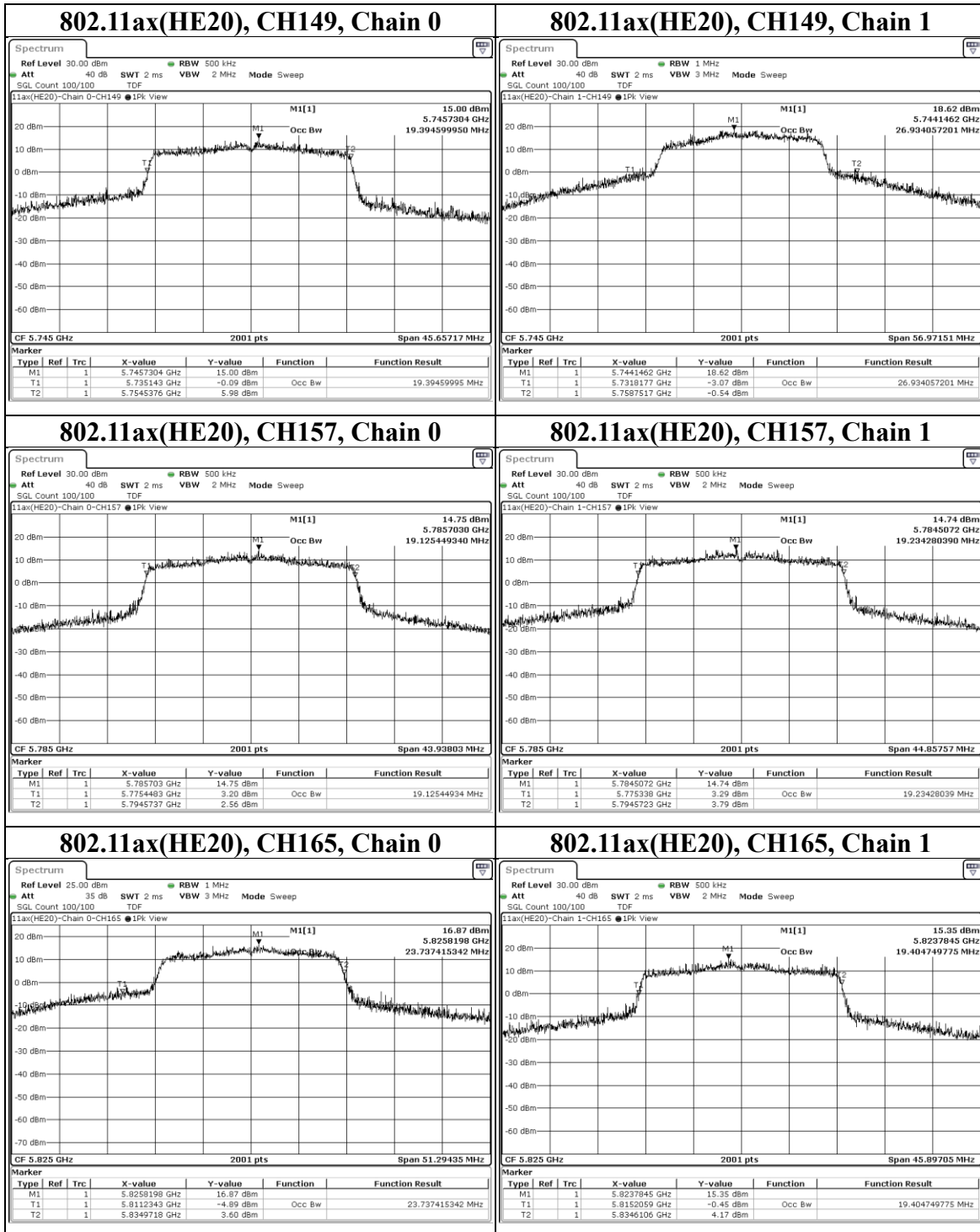


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Mode	CH	Freq (MHz)	OBW (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
802.11ax(HE40)	38	5190	37.753	36.965	N/A	Pass
	46	5230	37.867	38.125	N/A	Pass
	54	5270	37.752	37.128	N/A	Pass
	62	5310	37.714	37.943	N/A	Pass
	102	5510	37.521	38.131	N/A	Pass
	110	5550	37.711	37.132	N/A	Pass
	134	5670	37.791	37.979	N/A	Pass
	142 (U-NII-2C)	5710	33.702	34.009	N/A	Pass
	142 (U-NII-2C+U-NII-3)	5710	37.482	37.979	N/A	Pass
	142 (U-NII-3)	5710	3.78	3.97	N/A	Pass
	151	5755	38.129	37.327	N/A	Pass
159	5795	37.792	37.521	N/A	Pass	

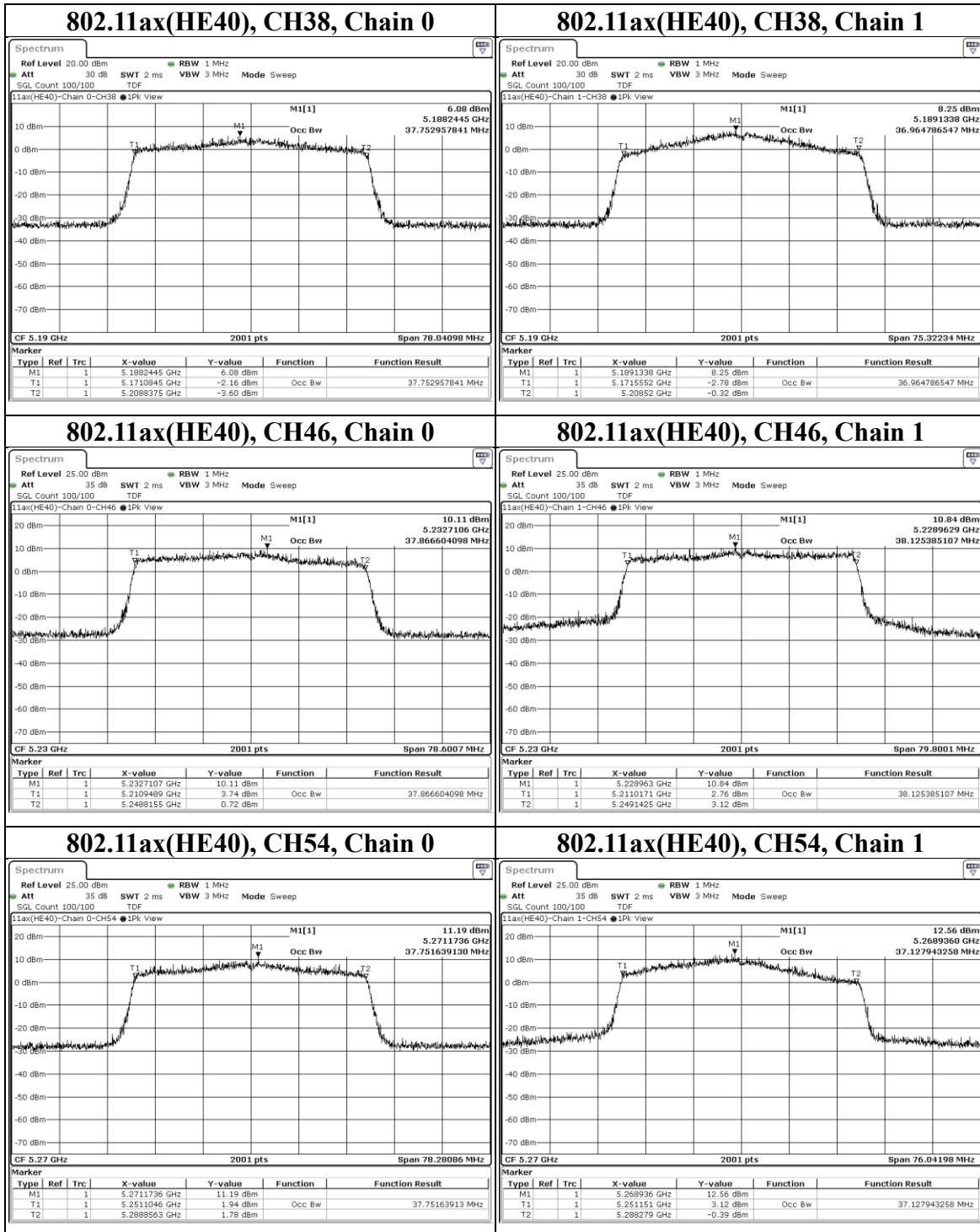
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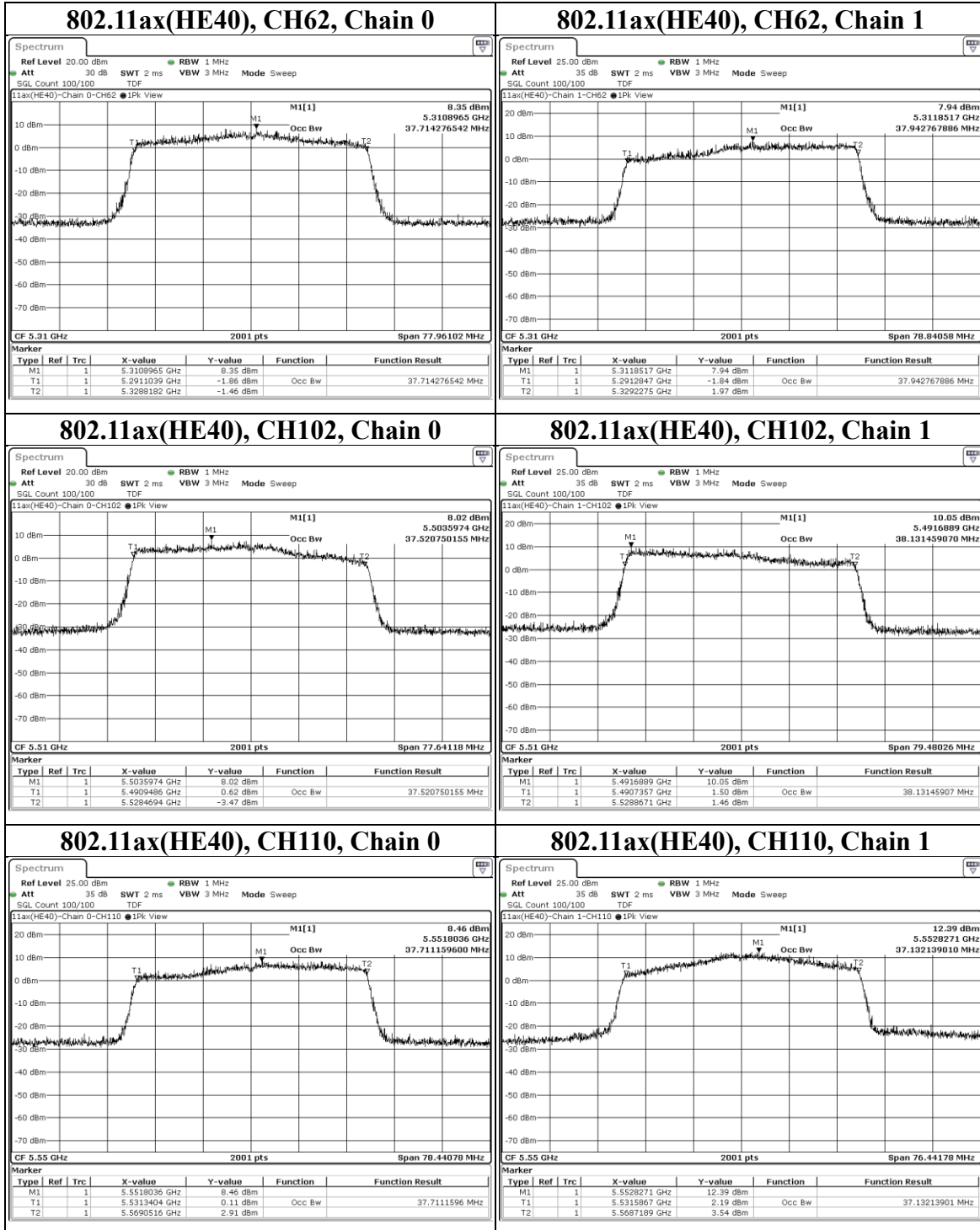
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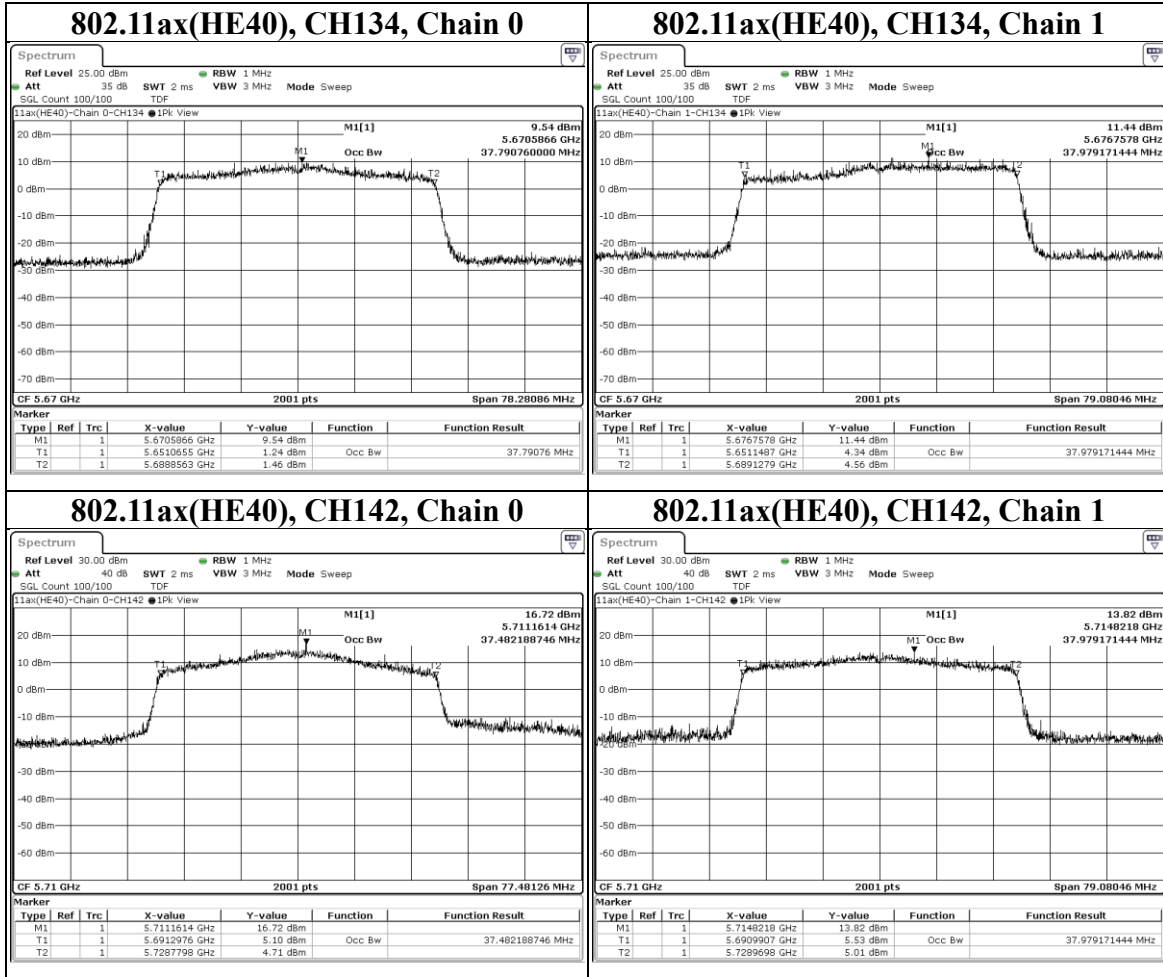
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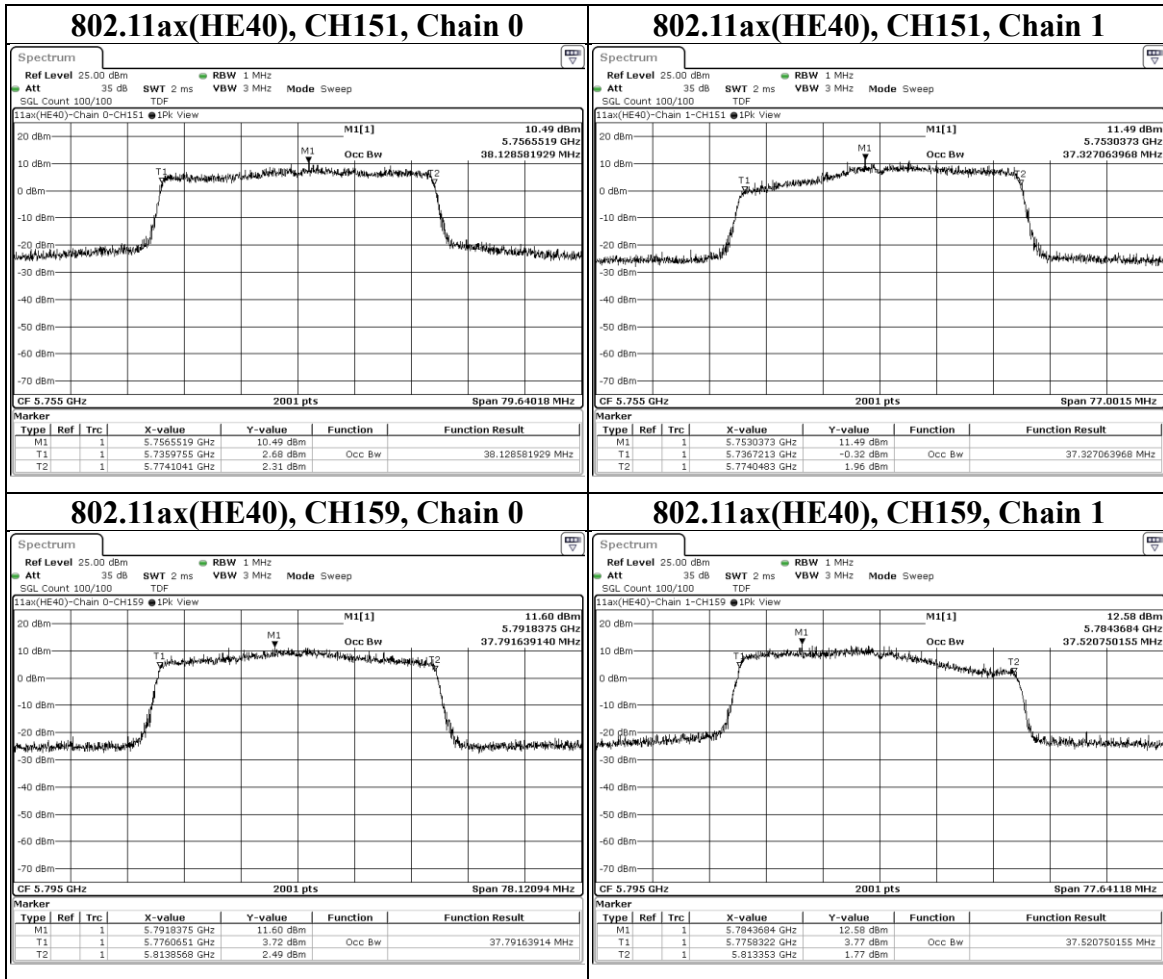


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Doc No: 17-EM-F0878 / 6.0



Mode	CH	Freq (MHz)	OBW (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
802.11ax(HE80)	42	5210	76.602	77.401	N/A	Pass
	58	5290	77.401	78.521	N/A	Pass
	106	5530	77.401	77.321	N/A	Pass
	122	5610	77.241	77.641	N/A	Pass
	138 (U-NII-2C)	5690	73.861	74.66	N/A	Pass
	138 (U-NII-2C+U-NII-3)	5690	77.721	79.08	N/A	Pass
	138 (U-NII-3)	5690	3.861	4.42	N/A	Pass
	155	5775	77.481	74.923	N/A	Pass

**Underwriters Laboratories Taiwan Co., Ltd.**

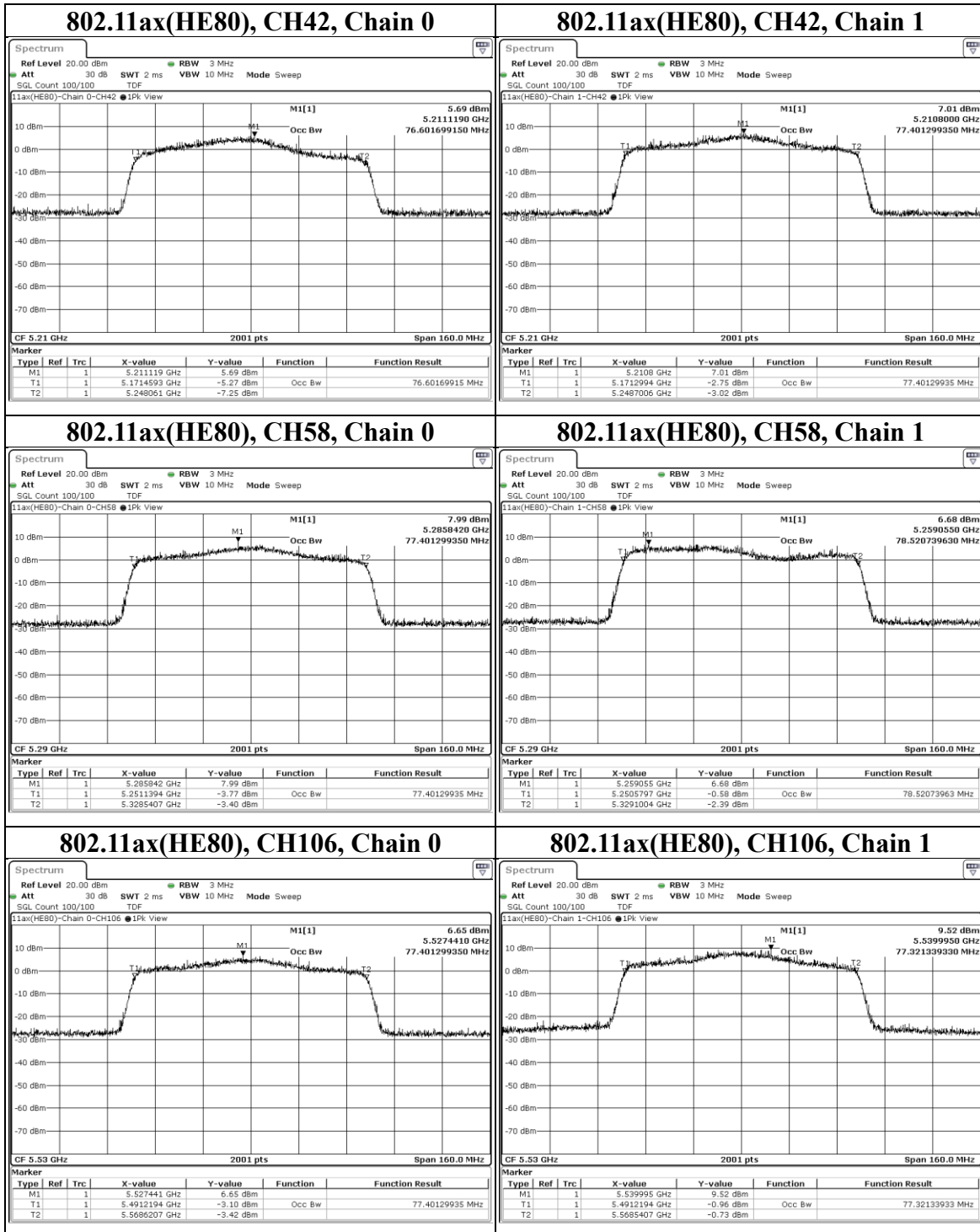
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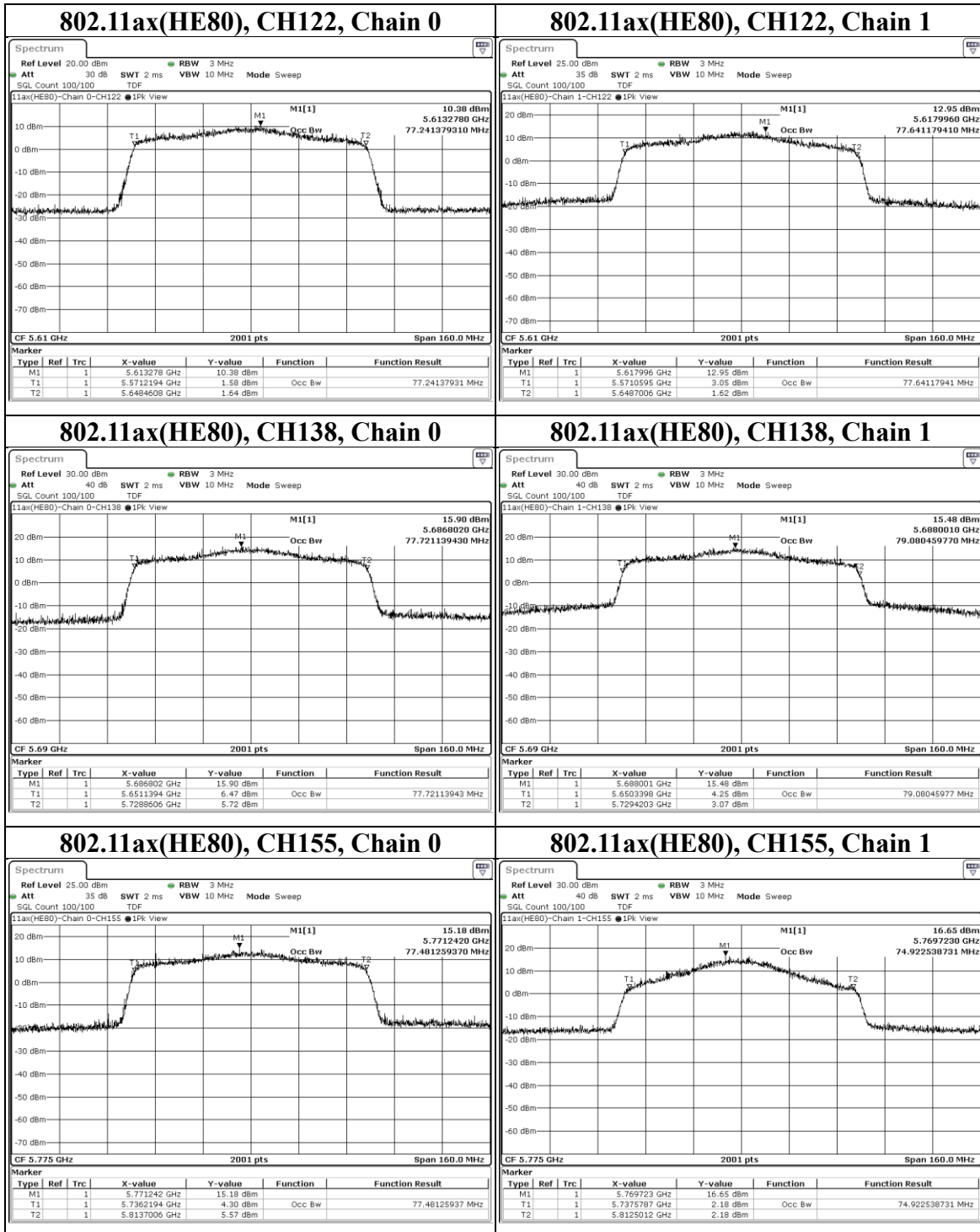
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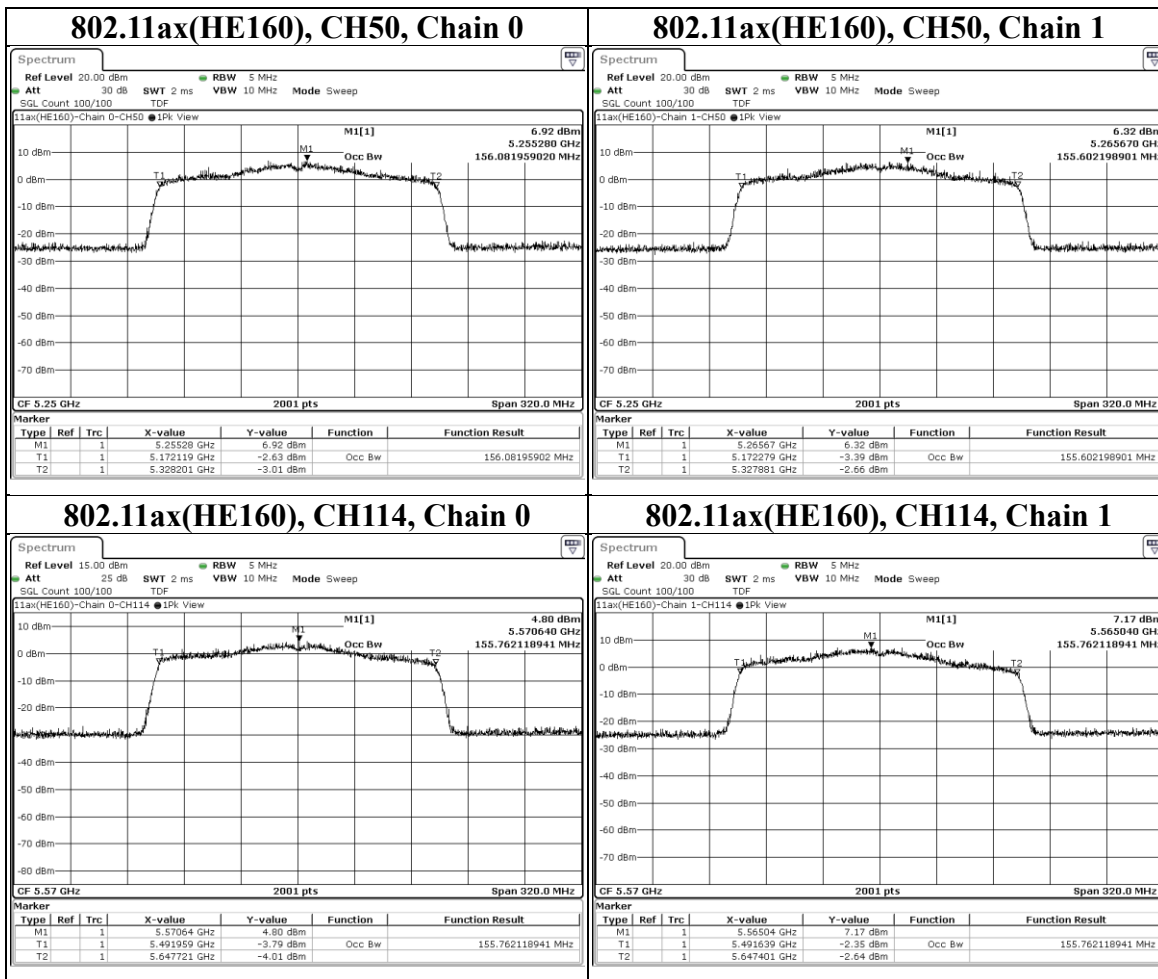








Mode	CH	Freq (MHz)	OBW (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
802.11ax(HE160)	50 (U-NII-1)	5250	77.88	77.72	N/A	Pass
	50 (U-NII-1 + UNII-2A)	5250	156.082	155.602	N/A	Pass
	50 (UNII-2A)	5250	78.20	77.88	N/A	Pass
	114	5570	155.762	155.762	N/A	Pass



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## 9.4. Conducted output power

### Requirements

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
		Fixed point-to-point Access Point	1 Watt (30 dBm) If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$
		Indoor Access Point	1 Watt (30 dBm) If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	√	Client device	250mW (24 dBm) If $G_{TX} > 6$ dBi, then $P_{Out} = 23.98 - (G_{TX} - 6)$
U-NII-2A		√	250mW (24 dBm) or 11 dBm+10 log B* If $G_{TX} > 6$ dBi, then $P_{Out} = 23.98 - (G_{TX} - 6)$
U-NII-2C		√	250mW (24 dBm) or 11 dBm+10 log B* If $G_{TX} > 6$ dBi, then $P_{Out} = 23.98 - (G_{TX} - 6)$
U-NII-3		√	For Point-to-multipoint systems (P2M): 1 Watt (30 dBm). If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ For Point-to-point systems (P2P): 1 Watt (30 dBm)



Note:

1.  $P_{Out}$  = maximum conducted output power in dBm,
2.  $G_{TX}$  = the maximum transmitting antenna directional gain in dBi.
3. B is the 26 dB emission bandwidth in megahertz
4. Directional Gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ANT}]$  dBi.  
 $N_{ANT}$ : Number of Transmit Antennas  
 $G1, G2, \dots, Gn$ : Gain of Individual Antennas  
 Example: two antenna and gain 5 dBi / 3dBi, so if it was used for TxBF power measurement  
 Directional Gain =  $10 \log[(10^{5/20} + 10^{3/20})^2 / 2]$  dBi = 7.07 dBi
5. Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,  
 Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;  
 Array Gain = 0 dB (i.e., no array gain) for channel widths  $\geq 40$  MHz for any  $N_{ANT}$ ;  
 Array Gain =  $5 \log(N_{ANT}/N_{SS})$  dB or 3 dB, whichever is less for 20-MHz channel widths with  $N_{ANT} \geq 5$ .  
 Example: Maximum antenna gain = 5 dBi and  $N_{ANT} \leq 4$ , so if it was used for CDD power measurement  
 Directional Gain = 5 dBi + Array Gain = 5 dBi + 0 dB = 5 dBi
6. For power measurement of KDB 662911 is used with multiple transmitter output. Total conducted power is the sum of the conducted power levels measured at the various output ports.
7. Straddle Channel Power in each band = Straddle Channel Total Power \* (Each band EBW / Straddle Channel Total EBW).  
 Example: if CH144 EBW (Total) = 20MHz, within UNII-2C Band is 15MHz, within UNII-3 Band is 5MHz, Total Power = 20dBm.  
 Calculation for UNII-2C Band Power = 20dBm \* (5/20) = 13.97 dBm  
 Calculation for UNII-3 Band Power = 20dBm \* (15/20) = 18.75 dBm

## Test Procedure

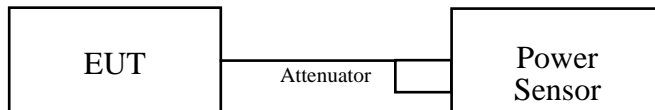
### For Average Power Measurement

#### Test method PM

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to AVERAGE. Duty factor is not added to measured value.

## Test Setup

### For Average Power Measurement



The loss between RF output port of the EUT and the input port of the Power Meter has been taken into consideration.

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## Test Data

### Non-Beamforming mode

#### 802.11a

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	12.99	14.37	47.206	16.74	23.98	PASS
44	5220	16.31	17.55	99.541	19.98	23.98	PASS
48	5240	16.50	17.70	103.514	20.15	23.98	PASS
52	5260	16.76	17.55	104.232	20.18	23.74	PASS
60	5300	17.17	17.25	105.196	20.22	23.98	PASS
64	5320	14.65	15.33	63.241	18.01	23.7	PASS
100	5500	13.66	15.79	61.094	17.86	23.7	PASS
116	5580	15.24	18.10	97.949	19.91	23.76	PASS
140	5700	14.33	15.03	58.884	17.70	23.74	PASS
144 (U-NII-2c Band)	5720	15.48	15.90	74.302	18.71	23.94	PASS
144 (U-NII-3 Band)	5720	10.16	10.23	20.941	13.21	30	PASS
149	5745	18.84	20.23	181.97	22.60	30	PASS
157	5785	18.33	19.11	149.624	21.75	30	PASS
165	5825	16.85	17.52	104.954	20.21	30	PASS

Note: The directional gain = 5 dBi < 6 dBi, so the power limit shall not be reduced.

#### For Reference only – Straddle Channels Total Power

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	16.60	16.94	95.06	19.78

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE20)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	11.37	12.80	32.734	15.15	23.98	PASS
44	5220	16.29	17.67	100.925	20.04	23.98	PASS
48	5240	16.60	17.52	102.094	20.09	23.98	PASS
52	5260	16.61	17.42	100.925	20.04	23.98	PASS
60	5300	16.54	16.98	95.06	19.78	23.98	PASS
64	5320	14.00	14.71	54.702	17.38	23.98	PASS
100	5500	13.55	15.77	60.395	17.81	23.98	PASS
116	5580	15.21	18.15	98.401	19.93	23.98	PASS
140	5700	13.46	13.91	46.774	16.70	23.98	PASS
144 (U-NII-2c Band)	5720	15.32	15.59	70.307	18.47	22.85	PASS
144 (U-NII-3 Band)	5720	10.31	10.83	22.856	13.59	30	PASS
149	5745	18.69	20.11	176.604	22.47	30	PASS
157	5785	18.15	18.98	144.544	21.60	30	PASS
165	5825	17.92	19.40	148.936	21.73	30	PASS

Note: The directional gain = 5 dBi < 6 dBi, so the power limit shall not be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	16.51	16.84	93.111	19.69

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE40)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	10.06	11.45	24.099	13.82	23.98	PASS
46	5230	13.89	15.07	56.624	17.53	23.98	PASS
54	5270	14.03	14.87	55.976	17.48	23.98	PASS
62	5310	12.04	12.48	33.729	15.28	23.98	PASS
102	5510	11.70	13.94	39.537	15.97	23.98	PASS
110	5550	13.22	16.36	64.269	18.08	23.98	PASS
134	5670	14.29	15.17	59.704	17.76	23.98	PASS
142 (U-NII-2c Band)	5710	18.69	19.26	158.125	21.99	23.98	PASS
142 (U-NII-3 Band)	5710	10.16	11.12	23.335	13.68	30	PASS
151	5755	14.58	14.70	58.21	17.65	30	PASS
159	5795	15.97	15.99	79.25	18.99	30	PASS

Note: The directional gain = 5 dBi < 6 dBi, so the power limit shall not be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	19.26	19.88	181.552	22.59

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE80)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	7.31	8.71	12.823	11.08	23.98	PASS
58	5290	8.82	9.53	16.596	12.20	23.98	PASS
106	5530	8.40	10.89	19.187	12.83	23.98	PASS
122	5610	12.34	14.70	46.666	16.69	23.98	PASS
138 (U-NII-2c Band)	5690	18.31	18.51	138.676	21.42	23.98	PASS
138 (U-NII-3 Band)	5690	6.71	13.24	25.763	14.11	30	PASS
155	5775	16.11	15.95	80.168	19.04	30	PASS

Note: The directional gain = 5 dBi < 6 dBi, so the power limit shall not be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	18.60	19.64	164.437	22.16

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE160)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
50 (U-NII-2c Band)	5250	4.75	5.95	6.918	8.40	23.98	PASS
50 (U-NII-3 Band)	5250	4.79	5.99	6.982	8.44	23.98	PASS
114	5570	7.20	10.04	15.346	11.86	23.98	PASS

Note: The directional gain = 5 dBi < 6 dBi, so the power limit shall not be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
50	5250	7.78	8.98	13.9	11.43

Note: The total power was calculated through formula and record the value for reference only.



**Beamforming mode**  
**802.11ax (HE20)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	11.23	12.76	32.137	15.07	21.97	PASS
44	5220	16.13	17.49	97.051	19.87	21.97	PASS
48	5240	16.47	17.37	98.855	19.95	21.97	PASS
52	5260	16.47	17.41	99.541	19.98	21.97	PASS
60	5300	16.37	16.78	90.991	19.59	21.97	PASS
64	5320	13.82	14.62	53.088	17.25	21.97	PASS
100	5500	13.44	15.68	59.02	17.71	21.97	PASS
116	5580	15.08	17.97	94.842	19.77	21.97	PASS
140	5700	13.42	13.75	45.709	16.60	21.97	PASS
144 (U-NII-2c Band)	5720	15.24	15.52	69.024	18.39	20.84	PASS
144 (U-NII-3 Band)	5720	10.23	10.76	22.439	13.51	27.99	PASS
149	5745	18.67	19.97	172.982	22.38	27.99	PASS
157	5785	18.10	18.81	140.605	21.48	27.99	PASS
165	5825	17.83	19.35	146.893	21.67	27.99	PASS

Note: The directional gain = 8.01 dBi > 6 dBi, so the power limit shall be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	16.43	16.77	91.411	19.61

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE40)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	9.90	11.34	23.388	13.69	21.97	PASS
46	5230	13.85	14.93	55.335	17.43	21.97	PASS
54	5270	13.84	14.79	54.325	17.35	21.97	PASS
62	5310	11.90	12.45	33.037	15.19	21.97	PASS
102	5510	11.53	13.74	37.844	15.78	21.97	PASS
110	5550	13.05	16.16	61.518	17.89	21.97	PASS
134	5670	14.19	15.16	59.02	17.71	21.97	PASS
142 (U-NII-2c Band)	5710	17.97	18.64	135.831	21.33	21.97	PASS
142 (U-NII-3 Band)	5710	9.44	10.50	19.999	13.01	27.99	PASS
151	5755	14.54	14.52	56.754	17.54	27.99	PASS
159	5795	15.90	15.94	78.163	18.93	27.99	PASS

Note: The directional gain = 8.01 dBi > 6 dBi, so the power limit shall be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	18.54	19.26	155.955	21.93

Note: The total power was calculated through formula and record the value for reference only.

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**802.11ax (HE80)**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	7.13	8.56	12.331	10.91	21.97	PASS
58	5290	8.73	9.39	16.144	12.08	21.97	PASS
106	5530	8.24	10.88	18.923	12.77	21.97	PASS
122	5610	12.32	14.50	45.29	16.56	21.97	PASS
138 (U-NII-2c Band)	5690	17.75	17.97	122.18	20.87	21.97	PASS
138 (U-NII-3 Band)	5690	6.15	12.70	22.751	13.57	27.99	PASS
155	5775	16.05	15.83	78.524	18.95	27.99	PASS

Note: The directional gain = 8.01 dBi > 6 dBi, so the power limit shall be reduced.

**For Reference only – Straddle Channels Total Power**

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	18.04	19.10	144.877	21.61

Note: The total power was calculated through formula and record the value for reference only.

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### 802.11ax (HE160)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
50 (U-NII-2c Band)	5250	4.56	5.90	6.745	8.29	21.97	PASS
50 (U-NII-3 Band)	5250	4.61	5.94	6.823	8.34	21.97	PASS
114	5570	7.02	9.96	14.928	11.74	21.97	PASS

Note: The directional gain = 8.01 dBi > 6 dBi, so the power limit shall be reduced.

### For Reference only – Straddle Channels Total Power

Channel	Channel Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
50	5250	7.60	8.93	13.583	11.33

Note: The total power was calculated through formula and record the value for reference only.

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## 9.5. Power Spectral Density

### Requirements

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 17 - (G_{TX} - 6)$
		Fixed point-to-point Access Point	17dBm/ MHz If $G_{TX} > 23$ dBi, then $PSD = 17 - (G_{TX} - 23)$
		Indoor Access Point	17dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 17 - (G_{TX} - 6)$
	√	Client device	11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-2A		√	11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-2C		√	11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-3		√	For Point-to-multipoint systems (P2M): 30dBm/ 500kHz. If $G_{TX} > 6$ dBi, then $PSD = 30 - (G_{TX} - 6)$ For Point-to-point systems (P2P): 30dBm/ 500kHz

Note:

- PSD = power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
- $G_{TX}$  = the maximum transmitting antenna directional gain in dBi.
- Directional Gain =  $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / Nant]$  dBi.  
Nant: Number of Transmit Antennas  
G1, G2, ..., Gn: Gain of Individual Antennas  
Example: two antenna and gain 5 dBi / 3dBi, so if it was used for power density measurement  
Directional Gain =  $10 \log[(10^{5/20} + 10^{3/20})^2 / 2]$  dBi = 7.07 dBi
- "PSD per chain" of the report shown is maximum value for each chain, at the "Total PSD" is summing entire spectra across corresponding frequency bins on the various outputs by computer, refer KDB 662911 Method a) for calculating total power density.
- Method a) of power density measurement of KDB 662911 is used for calculating total power density with multiple transmitter output. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Refer to section 6.6 for duty cycle spectrum plot. (If duty cycle < 98%)

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## Test procedure

### **For U-NII-1, U-NII-2A, U-NII-2C band:**

#### **Using method as below:**

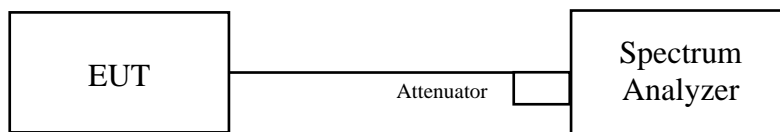
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW  $\geq$  3 RBW, Detector = RMS
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value. (if Duty cycle  $<$ 98 %, add 10 log (1/duty cycle))

### **For U-NII-3 band:**

#### **Using method as below:**

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW  $\geq$  1 MHz, Detector = RMS
- Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
- Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where  $BWCF = 10 \log (500 \text{ kHz}/300\text{kHz})$
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value. (if Duty cycle  $<$ 98 %, add 10 log (1/duty cycle))

## Test Setup



The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

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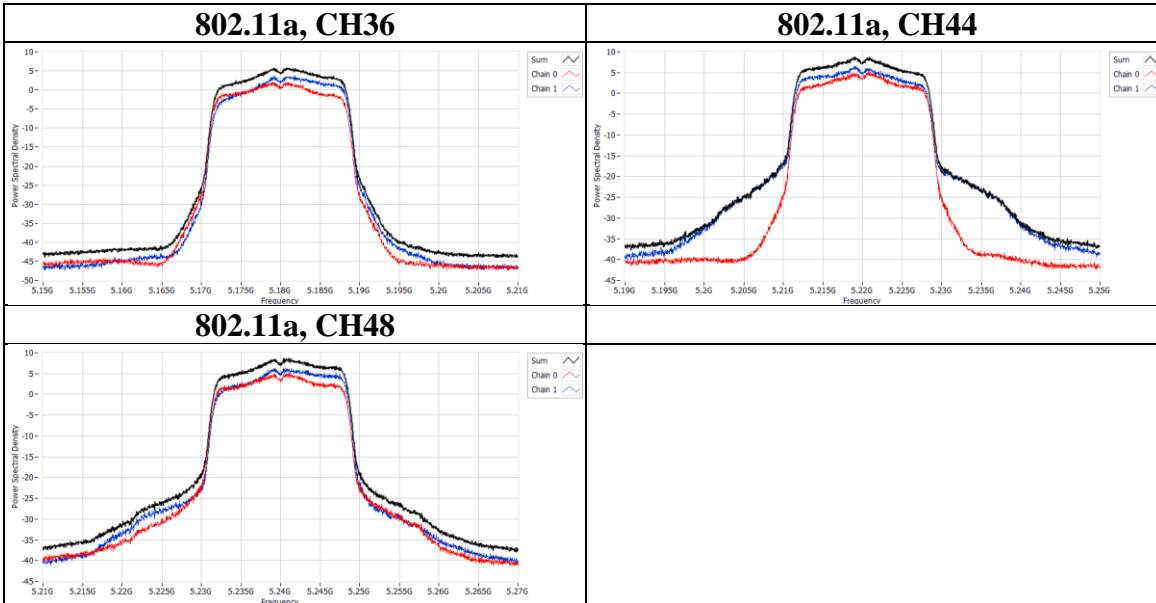




**Test Data**

Mode (U-NII-1)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11a	36	5180	8.01	5.76	8.99	Pass
	44	5220	8.01	8.77	8.99	Pass
	48	5240	8.01	8.71	8.99	Pass

Mode (U-NII-1)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11a	36	5180	2.081	3.748
	44	5220	5.52	6.585
	48	5240	5.365	6.407



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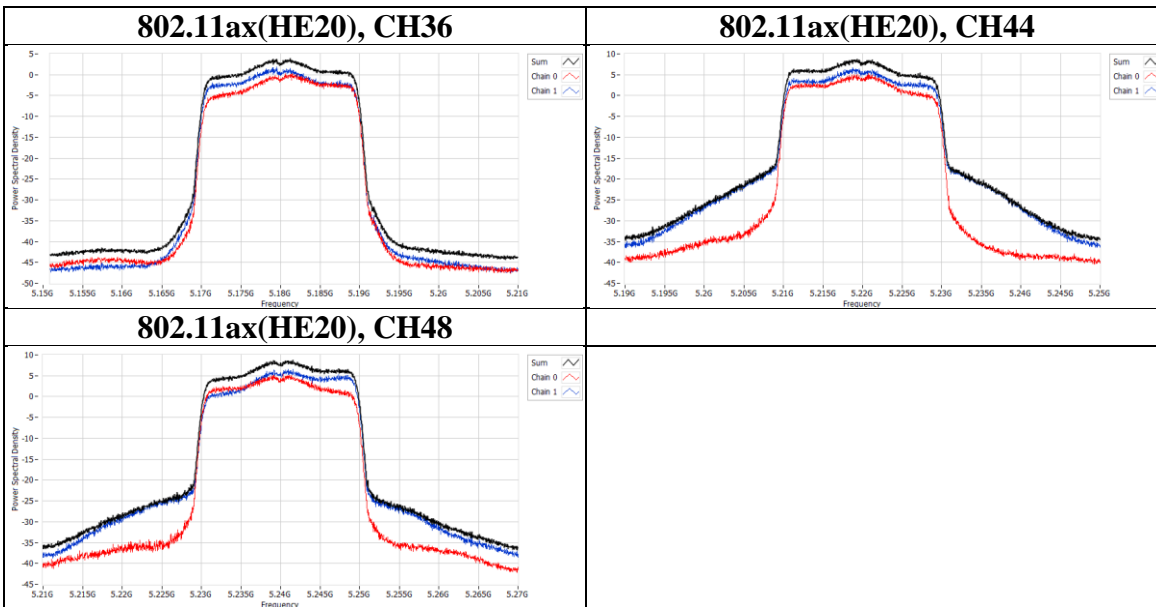
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Mode (U-NII-1)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE20)	36	5180	8.01	3.87	8.99	Pass
	44	5220	8.01	8.7	8.99	Pass
	48	5240	8.01	8.69	8.99	Pass

Mode (U-NII-1)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE20)	36	5180	0.262	1.925
	44	5220	5.251	6.683
	48	5240	5.393	6.61



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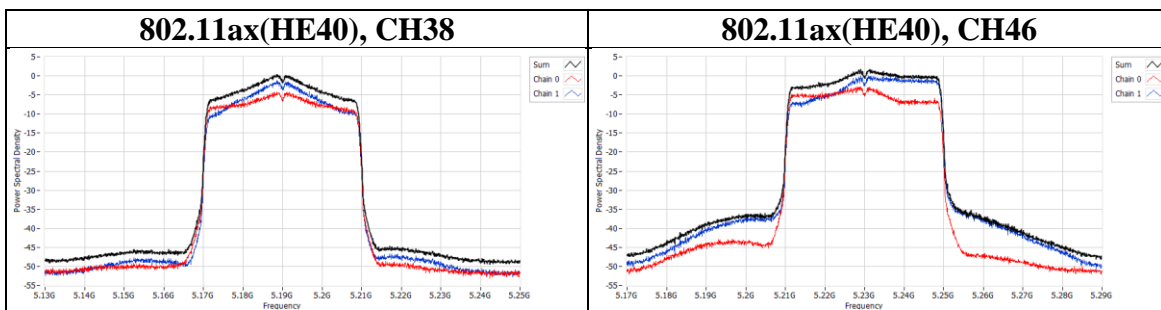
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Mode (U-NII-1)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE40)	38	5190	8.01	0.44	8.99	Pass
	46	5230	8.01	1.71	8.99	Pass

Mode (U-NII-1)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE40)	38	5190	-4.227	-1.263
	46	5230	-2.894	0.014



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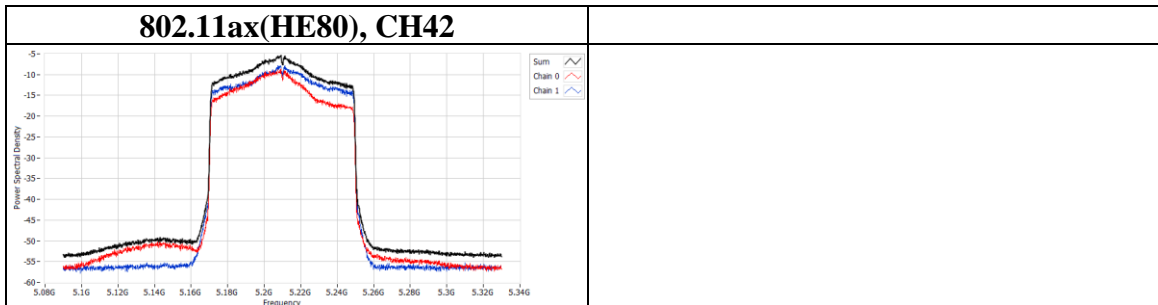
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Mode (U-NII-1)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE80)	42	5210	8.01	-5.37	8.99	Pass

Mode (U-NII-1)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE80)	42	5210	-8.623	-7.773



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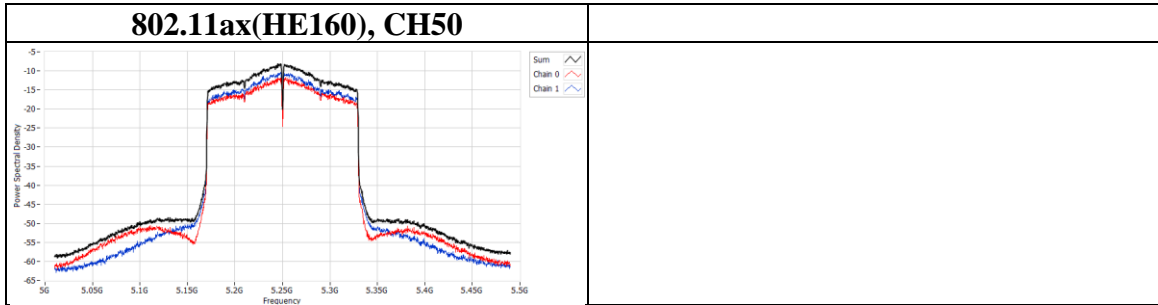
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Doc No: 17-EM-F0878 / 6.0



Mode (U-NII-1)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE160)	50	5250	8.01	-8.09	8.99	Pass

Mode (U-NII-1)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE160)	50	5250	-11.718	-10.323



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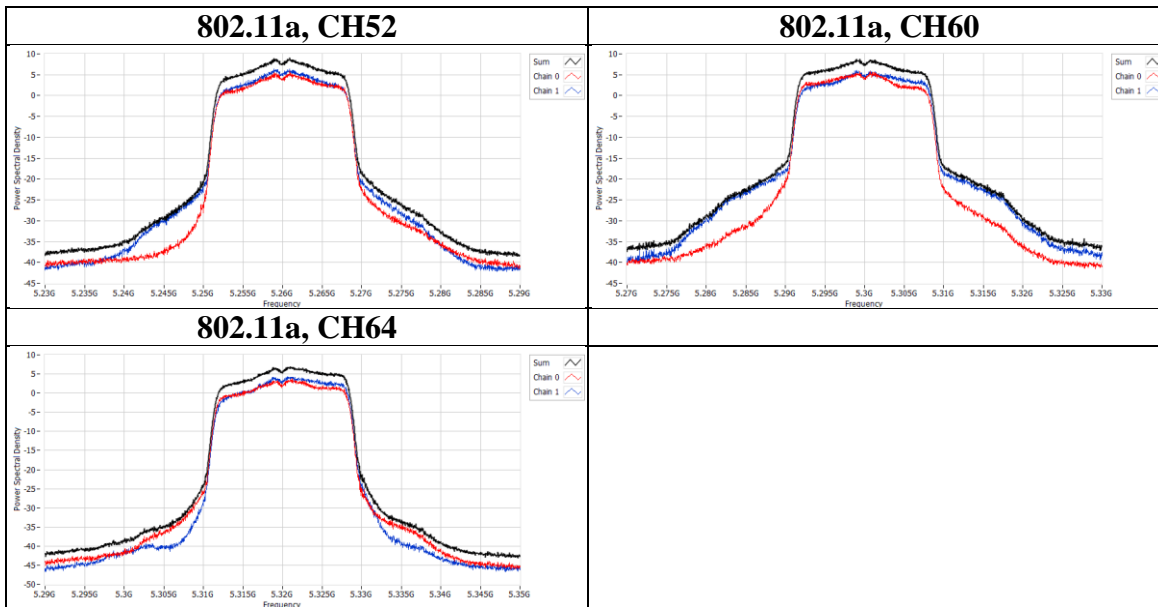
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Mode (U-NII-2A)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11a	52	5260	8.01	8.98	8.99	Pass
	60	5300	8.01	8.78	8.99	Pass
	64	5320	8.01	6.86	8.99	Pass

Mode (U-NII-2A)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11a	52	5260	5.877	6.367
	60	5300	5.798	6.07
	64	5320	3.881	4.341



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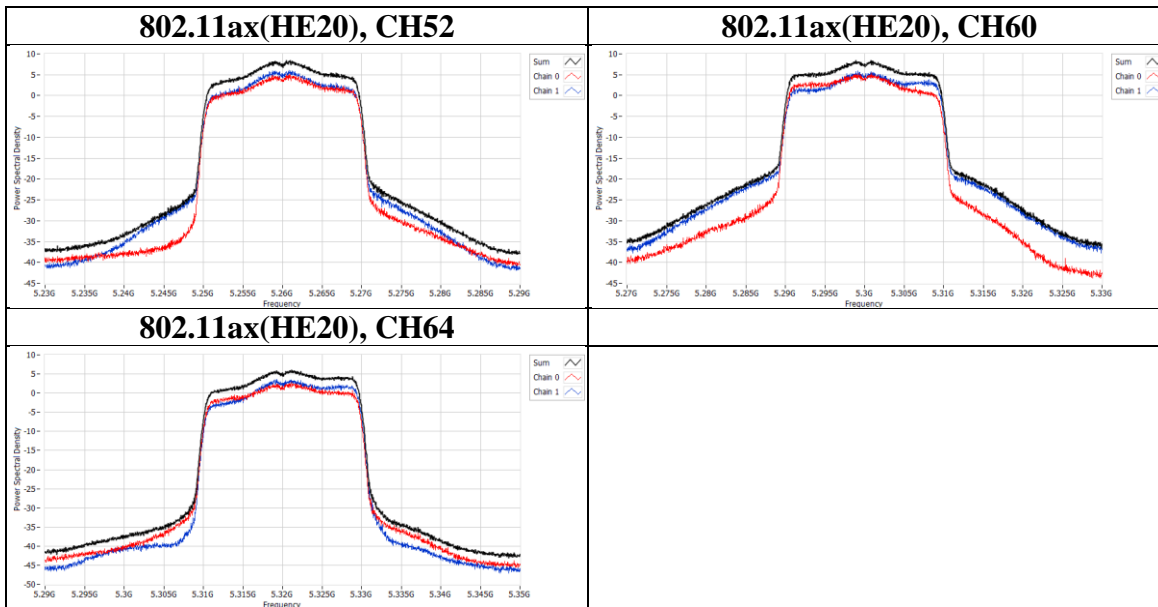
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Mode (U-NII-2A)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE20)	52	5260	8.01	8.47	8.99	Pass
	60	5300	8.01	8.41	8.99	Pass
	64	5320	8.01	6.12	8.99	Pass

Mode (U-NII-2A)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE20)	52	5260	5.107	6.071
	60	5300	5.352	5.939
	64	5320	2.98	3.573



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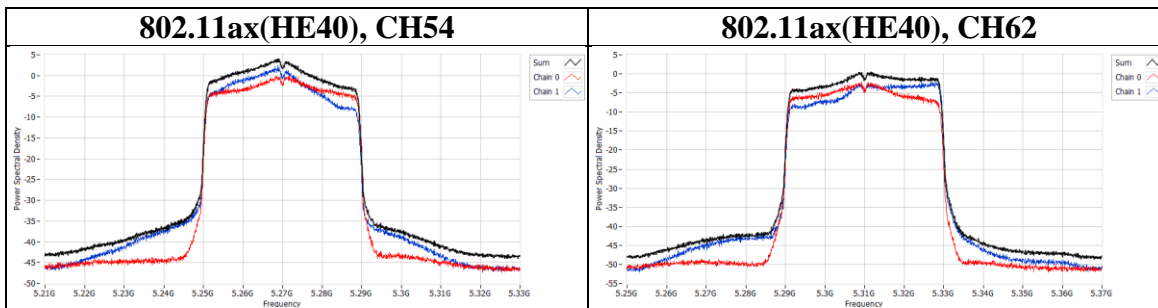
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Mode (U-NII-2A)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE40)	54	5270	8.01	4	8.99	Pass
	62	5310	8.01	0.6	8.99	Pass

Mode (U-NII-2A)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE40)	54	5270	-0.043	2.416
	62	5310	-1.98	-2.265



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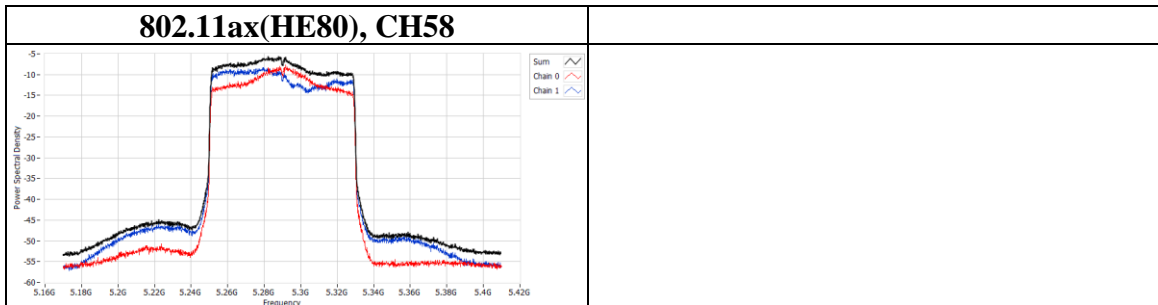
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Mode (U-NII-2A)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ax(HE80)	58	5290	8.01	-5.67	8.99	Pass

Mode (U-NII-2A)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11ax(HE80)	58	5290	-7.692	-8.27



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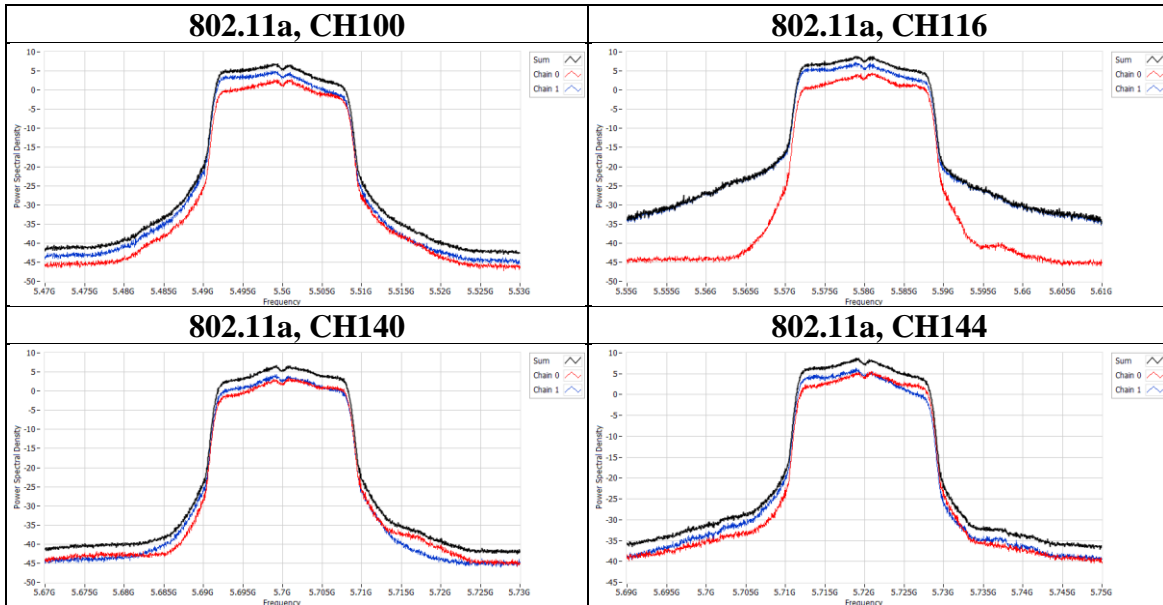
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Mode (U-NII-2C)	CH	Freq (MHz)	Directional Gain (dBi)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
802.11a	100	5500	8.01	6.86	8.99	Pass
	116	5580	8.01	8.85	8.99	Pass
	140	5700	8.01	6.68	8.99	Pass
	144	5720	8.01	8.78	8.99	Pass

Mode (U-NII-2C)	CH	Freq (MHz)	PSD per Chain (dBm/MHz)	
			Chain 0	Chain 1
802.11a	100	5500	2.983	4.977
	116	5580	4.572	7.218
	140	5700	3.527	4.367
	144	5720	5.523	6.374



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