

### 9.3.2 Output Power

The EUT is placed on a turn table, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max fundamental emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for EIRP the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna. the measurement using a spectrum analyzer of channel power setting by c63.10 11.9.2.2 for AVG power measurement.

### 9.4 Duty Cycle Measurement Result

Mode: CDD

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle )	1/T (kHz)	VBW setting (kHz)
802.11a	98.13	0.08	0.37	0.01
802.11n_20	98.77	0.05	0.24	0.01
802.11n_40	98.77	0.05	0.24	0.01
802.11ac_80	98.55	0.06	0.24	0.01
802.11ac_160	98.78	0.05	0.24	0.01
802.11be_20	98.68	0.06	0.25	0.01
802.11be_40	98.49	0.07	0.25	0.01
802.11be_80	98.49	0.07	0.25	0.01
802.11be_160	98.73	0.06	0.25	0.01
802.11be_320	98.49	0.07	0.25	0.01

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### Mode: Beamforming

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle )	1/T (kHz)	VBW setting (kHz)
802.11n_20	99.29	0.03	0.13	0.01
802.11n_40	99.45	0.02	0.10	0.01
802.11ac_80	98.98	0.04	0.20	0.01
802.11ac_160	98.47	0.07	0.35	0.01
802.11be_20	98.92	0.05	0.26	0.01
802.11be_40	99.09	0.04	0.21	0.01
802.11be_80	99.05	0.04	0.22	0.01
802.11be_160	98.22	0.08	0.43	0.01
802.11be_320	95.81	0.19	0.84	1.00

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CDD\_802.11a\_20MHz\_Chain0\_5955MHz



802.11ac\_80MHz\_Chain0\_5985MHz



802.11n\_20MHz\_Chain0\_5955MHz



802.11ac\_160MHz\_Chain0\_6025MHz



802.11n\_40MHz\_Chain0\_5965MHz



802.11be\_20MHz\_Chain0\_5955MHz



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802.11be\_40MHz\_Chain0\_5965MHz



802.11be\_320MHz\_Chain0\_6105MHz



802.11be\_80MHz\_Chain0\_5985MHz



802.11be\_160MHz\_Chain0\_6025MHz



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Beamforming\_802.11n\_20MHz\_Chain0\_5955MHz



802.11ac\_160MHz\_Chain0\_6025MHz



802.11n\_40MHz\_Chain0\_5955MHz



802.11be\_20MHz\_Chain0\_5955MHz



802.11ac\_80MHz\_Chain0\_5985MHz



802.11be\_40MHz\_Chain0\_5965MHz



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802.11be\_80MHz\_Chain0\_5985MHz



802.11be\_160MHz\_Chain0\_6025MHz



802.11be\_320MHz\_Chain0\_6105MHz



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## 9.5 Conducted output power

Mode: CDD

802.11a\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3				
1	5955	-5.52	18.04	12.52	30	PASS
45	6175	-7.16	19.24	12.08	30	PASS
93	6415	-7.63	19.76	12.13	30	PASS
97	6435	-7.89	19.87	11.98	30	PASS
105	6475	-6.60	19.07	12.47	30	PASS
113	6515	-6.23	18.42	12.19	30	PASS
117	6535	-7.60	18.32	10.72	30	PASS
149	6695	-5.70	18.52	12.82	30	PASS
181	6855	-7.20	19.44	12.24	30	PASS
<b>185</b>	<b>6875</b>	-8.15	19.67	11.52	30	PASS
189	6895	-8.15	19.92	11.77	30	PASS
209	6995	-8.55	20.34	11.79	30	PASS
229	7095	-6.52	19.16	12.64	30	PASS

802.11n\_HT20\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3				
1	5955	-2.91	18.10	15.19	30	PASS
45	6175	-5.84	19.23	13.39	30	PASS
93	6415	-5.78	19.70	13.92	30	PASS
97	6435	-5.86	19.91	14.05	30	PASS
105	6475	-6.53	19.41	12.88	30	PASS
113	6515	-5.20	18.39	13.19	30	PASS
117	6535	-4.00	18.32	14.32	30	PASS
149	6695	-5.43	18.52	13.09	30	PASS
181	6855	-6.14	19.37	13.23	30	PASS
<b>185</b>	<b>6875</b>	-6.38	19.57	13.19	30	PASS
189	6895	-6.21	19.81	13.60	30	PASS
209	6995	-5.46	20.27	14.81	30	PASS
229	7095	-5.14	19.14	14.00	30	PASS

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## 802.11n\_HT40\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3				
3	5965	-1.29	17.86	16.57	30	PASS
43	6165	-3.13	19.31	16.18	30	PASS
91	6405	-3.42	19.66	16.24	30	PASS
99	6445	-2.83	19.87	17.04	30	PASS
107	6485	-2.74	19.40	16.66	30	PASS
115	6525	-0.89	18.37	17.48	30	PASS
123	6565	-2.16	18.38	16.22	30	PASS
147	6685	-1.28	18.52	17.24	30	PASS
179	6845	-2.62	19.39	16.77	30	PASS
187	6885	-3.10	19.64	16.54	30	PASS
195	6925	-2.97	19.75	16.78	30	PASS
211	7005	-3.88	20.15	16.27	30	PASS
227	7085	-4.28	19.39	15.11	30	PASS

## 802.11ac\_VHT80\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3				
7	5985	2.45	17.98	20.43	30	PASS
39	6145	1.26	19.22	20.48	30	PASS
87	6385	0.19	19.65	19.84	30	PASS
103	6465	0.98	19.47	20.45	30	PASS
119	6545	1.69	18.37	20.06	30	PASS
135	6625	1.75	18.61	20.36	30	PASS
151	6705	2.16	18.52	20.68	30	PASS
167	6785	0.64	19.27	19.91	30	PASS
183	6865	0.25	19.33	19.58	30	PASS
199	6945	0.19	19.69	19.88	30	PASS
215	7025	0.16	20.14	20.30	30	PASS

## 802.11ac\_VHT160\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3				
15	6025	4.10	17.99	22.09	30	PASS
47	6185	3.45	19.04	22.49	30	PASS
79	6345	1.47	19.65	21.12	30	PASS
111	6505	2.78	19.63	22.41	30	PASS
143	6665	3.55	18.68	22.23	30	PASS
175	6825	2.85	19.21	22.06	30	PASS
207	6985	1.51	19.96	21.47	30	PASS

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## 802.11be\_EHT20\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3				
1	5955	full	-3.16	18.03	14.87	30	PASS
45	6175	full	-3.90	19.27	15.37	30	PASS
93	6415	full	-5.38	19.70	14.32	30	PASS
97	6435	full	-5.86	19.89	14.03	30	PASS
105	6475	full	-5.13	19.34	14.21	30	PASS
113	6515	full	-4.23	18.36	14.13	30	PASS
117	6535	full	-4.05	18.19	14.14	30	PASS
149	6695	full	-3.93	18.53	14.60	30	PASS
181	6855	full	-5.23	19.38	14.15	30	PASS
185	6875	full	-5.24	19.58	14.34	30	PASS
189	6895	full	-5.38	19.86	14.48	30	PASS
209	6995	full	-5.30	20.35	15.05	30	PASS
229	7095	full	-5.27	19.07	13.80	30	PASS

## 802.11be\_EHT40\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3				
3	5965	full	-0.88	17.86	16.98	30	PASS
43	6165	full	-2.3	19.31	17.01	30	PASS
91	6405	full	-3.28	19.67	16.39	30	PASS
99	6445	full	-2.44	19.62	17.18	30	PASS
107	6485	full	-2.48	19.36	16.88	30	PASS
115	6525	full	-2.15	18.44	16.29	30	PASS
123	6565	full	-1.28	18.46	17.18	30	PASS
147	6685	full	-2.4	18.52	16.12	30	PASS
179	6845	full	-2.04	19.37	17.33	30	PASS
187	6885	full	-2.21	19.85	17.64	30	PASS
195	6925	full	-2.56	19.63	17.07	30	PASS
211	7005	full	-3.22	20.14	16.92	30	PASS
227	7085	full	-3.71	19.35	15.64	30	PASS

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## 802.11be\_EHT80\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3				
7	5985	full	1.76	17.67	19.43	30	PASS
39	6145	full	1.08	19.31	20.39	30	PASS
87	6385	full	1.02	19.62	20.64	30	PASS
103	6465	full	1.08	19.45	20.53	30	PASS
119	6545	full	2.18	18.35	20.53	30	PASS
135	6625	full	1.92	18.56	20.48	30	PASS
151	6705	full	2.16	18.52	20.68	30	PASS
167	6785	full	0.91	19.21	20.12	30	PASS
183	6865	full	0.59	19.44	20.03	30	PASS
199	6945	full	0.11	19.70	19.81	30	PASS
215	7025	full	-0.45	20.21	19.76	30	PASS

## 802.11be\_EHT160\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3				
15	6025	full	4.99	17.95	22.94	30	PASS
47	6185	full	4.01	19.13	23.14	30	PASS
79	6345	full	2.88	19.79	22.67	30	PASS
111	6505	full	1.65	19.91	21.56	30	PASS
143	6665	full	4.48	18.53	23.01	30	PASS
175	6825	full	3.4	19.21	22.61	30	PASS
207	6985	full	2.51	19.70	22.21	30	PASS

## 802.11be\_EHT320\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3				
31	6105	full	5.8	19.25	25.05	30	PASS
63	6265	full	3.82	19.86	23.68	30	PASS
95	6425	full	4.03	19.95	23.98	30	PASS
127	6585	full	6.36	18.63	24.99	30	PASS
159	6745	full	6.54	18.54	25.08	30	PASS
191	6905	full	4.44	19.42	23.86	30	PASS

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## Mode: Beamforming

## 802.11n\_HT20\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3					
1	5955	-1.84	18.00	0.03	16.19	30	PASS
45	6175	-3.62	19.27	0.03	15.68	30	PASS
93	6415	-3.85	19.77	0.03	15.95	30	PASS
97	6435	-3.97	19.88	0.03	15.94	30	PASS
105	6475	-3.31	19.46	0.03	16.18	30	PASS
113	6515	-3.23	18.48	0.03	15.28	30	PASS
117	6535	-1.95	18.23	0.03	16.31	30	PASS
149	6695	-2.26	18.52	0.03	16.29	30	PASS
181	6855	-4.02	19.42	0.03	15.43	30	PASS
<b>185</b>	<b>6875</b>	-3.33	19.62	0.03	16.32	30	PASS
189	6895	-3.85	19.92	0.03	16.10	30	PASS
209	6995	-5.15	20.13	0.03	15.01	30	PASS
229	7095	-6.21	19.15	0.03	12.97	30	PASS

## 802.11n\_HT40\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3					
3	5965	1.09	17.83	0.02	18.94	30	PASS
43	6165	-0.25	19.30	0.02	19.07	30	PASS
91	6405	-3.84	19.62	0.02	15.80	30	PASS
99	6445	-0.40	19.64	0.02	19.26	30	PASS
107	6485	-1.34	19.46	0.02	18.14	30	PASS
<b>115</b>	<b>6525</b>	-1.00	18.48	0.02	17.50	30	PASS
123	6565	0.91	18.25	0.02	19.18	30	PASS
147	6685	0.17	18.51	0.02	18.70	30	PASS
179	6845	-0.26	19.38	0.02	19.14	30	PASS
<b>187</b>	<b>6885</b>	-0.67	19.67	0.02	19.02	30	PASS
195	6925	-1.03	19.81	0.02	18.80	30	PASS
211	7005	-1.40	20.27	0.02	18.89	30	PASS
227	7085	-0.72	19.37	0.02	18.67	30	PASS

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## 802.11ac\_VHT80\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3					
7	5985	3.11	17.86	0.04	21.01	30	PASS
39	6145	2.19	19.24	0.04	21.47	30	PASS
87	6385	2.08	19.65	0.04	21.77	30	PASS
103	6465	1.73	19.50	0.04	21.27	30	PASS
119	6545	0.73	18.27	0.04	19.04	30	PASS
135	6625	2.90	18.52	0.04	21.46	30	PASS
151	6705	3.36	18.53	0.04	21.93	30	PASS
167	6785	3.03	19.21	0.04	22.28	30	PASS
183	6865	0.94	19.59	0.04	20.57	30	PASS
199	6945	-0.97	19.70	0.04	18.77	30	PASS
215	7025	1.61	20.20	0.04	21.85	30	PASS

## 802.11ac\_VHT160\_4TX

CH	Frequency (MHz)	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0+ CH 1+ CH2 +CH3					
15	6025	6.03	18.16	0.07	24.26	30	PASS
47	6185	5.02	19.30	0.07	24.39	30	PASS
79	6345	4.72	19.51	0.07	24.30	30	PASS
111	6505	5.37	19.49	0.07	24.93	30	PASS
143	6665	6.07	18.52	0.07	24.66	30	PASS
175	6825	6.09	19.24	0.07	25.40	30	PASS
207	6985	4.76	19.51	0.07	24.34	30	PASS

## 802.11be\_EHT20\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3					
1	5955	full	-2.17	18.05	0.05	15.93	30	PASS
45	6175	full	-6.24	19.28	0.05	13.09	30	PASS
93	6415	full	-5.23	19.69	0.05	14.51	30	PASS
97	6435	full	-6.63	19.90	0.05	13.32	30	PASS
105	6475	full	-5.41	19.40	0.05	14.04	30	PASS
113	6515	full	-4.40	18.50	0.05	14.15	30	PASS
117	6535	full	-4.29	18.28	0.05	14.04	30	PASS
149	6695	full	-4.08	18.52	0.05	14.49	30	PASS
181	6855	full	-6.64	19.54	0.05	12.95	30	PASS
185	6875	full	-6.00	19.58	0.05	13.63	30	PASS
189	6895	full	-5.80	19.85	0.05	14.10	30	PASS
209	6995	full	-6.51	20.26	0.05	13.80	30	PASS
229	7095	full	-4.89	19.13	0.05	14.29	30	PASS

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## 802.11be\_EHT40\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3					
3	5965	full	-1.75	17.86	0.04	16.15	30	PASS
43	6165	full	-3.08	19.32	0.04	16.28	30	PASS
91	6405	full	-3.19	19.70	0.04	16.55	30	PASS
99	6445	full	-3.55	19.96	0.04	16.45	30	PASS
107	6485	full	-1.82	18.72	0.04	16.94	30	PASS
<b>115</b>	<b>6525</b>	<b>full</b>	-1.96	18.33	0.04	16.41	30	PASS
123	6565	full	-2.34	18.36	0.04	16.06	30	PASS
147	6685	full	-2.03	18.51	0.04	16.52	30	PASS
179	6845	full	-3.23	19.38	0.04	16.19	30	PASS
<b>187</b>	<b>6885</b>	<b>full</b>	-3.35	19.58	0.04	16.27	30	PASS
195	6925	full	-0.12	19.36	0.04	19.28	30	PASS
211	7005	full	-4.66	20.35	0.04	15.73	30	PASS
227	7085	full	-4.78	19.36	0.04	14.62	30	PASS

## 802.11be\_EHT80\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3					
7	5985	full	3.57	17.79	0.04	21.40	30	PASS
39	6145	full	-0.07	19.23	0.04	19.20	30	PASS
87	6385	full	0.29	19.63	0.04	19.96	30	PASS
103	6465	full	-0.09	19.86	0.04	19.81	30	PASS
<b>119</b>	<b>6545</b>	<b>full</b>	1.04	18.40	0.04	19.48	30	PASS
135	6625	full	0.00	18.53	0.04	18.57	30	PASS
151	6705	full	0.86	18.53	0.04	19.43	30	PASS
167	6785	full	0.96	19.24	0.04	20.24	30	PASS
<b>183</b>	<b>6865</b>	<b>full</b>	-0.18	19.30	0.04	19.16	30	PASS
199	6945	full	-0.57	19.77	0.04	19.24	30	PASS
215	7025	full	-1.27	20.33	0.04	19.10	30	PASS

## 802.11be\_EHT160\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0+ CH 1+ CH2 +CH3					
15	6025	full	6.09	18.21	0.08	24.38	30	PASS
47	6185	full	1.89	19.24	0.08	21.21	30	PASS
79	6345	full	1.14	19.95	0.08	21.17	30	PASS
<b>111</b>	<b>6505</b>	<b>full</b>	2.92	19.87	0.08	22.87	30	PASS
143	6665	full	3.45	18.53	0.08	22.06	30	PASS
<b>175</b>	<b>6825</b>	<b>full</b>	3.12	19.38	0.08	22.58	30	PASS
207	6985	full	2.09	19.63	0.08	21.80	30	PASS

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## 802.11be\_EHT320\_4TX

CH	Frequency (MHz)	RU config.	Channel Power (dBm)	Factor (dB)	Duty cycle Factor (dB)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)		RESULT
			CH 0+ CH 1+ CH2 +CH3						
31	6105	full	8.29	18.09	0.19	26.57	30		PASS
63	6265	full	7.02	19.95	0.19	27.16	30		PASS
95	6425	full	5.83	19.72	0.19	25.74	30		PASS
127	6585	full	5.92	18.53	0.19	24.64	30		PASS
159	6745	full	6.02	18.88	0.19	25.09	30		PASS
191	6905	full	5.65	19.38	0.19	25.22	30		PASS

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## 10 MAXIMUM POWER SPECTRAL DENSITY

### 10.1 Standard Applicable

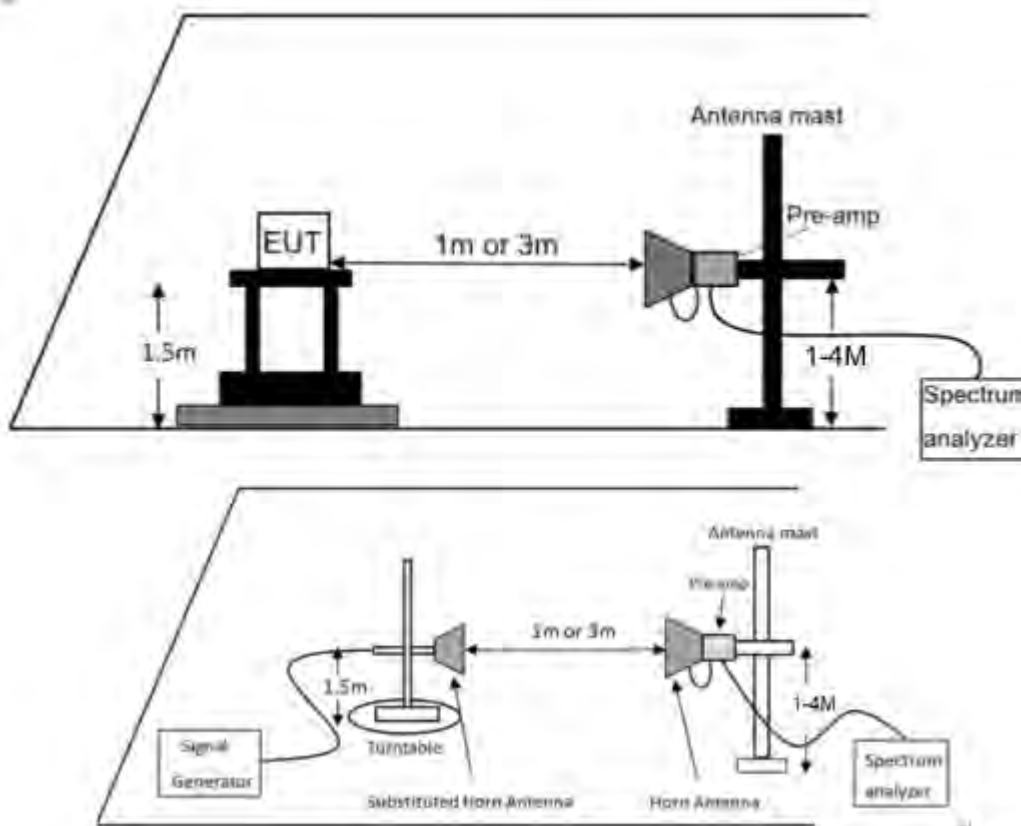
#### §15.407(a)

- (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.

EUT CATEGORY		Equipment Class	§15.407(a)
	Standard Access Point	6SD	EIRP < 23dBm/MHz
V	indoor Access Point	6ID	EIRP < 5dBm/MHz
	Subordinate Device	6PP	EIRP < 5dBm/MHz
	Fixed Client	6FC	EIRP < 23dBm/MHz
	Indoor Client	6XD	EIRP < -1dBm/MHz
	Standard Client	6FX	EIRP < 17dBm/MHz
	Dual Client	6CD	Compliance both indoor client and standard client limits

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### 10.3 Measurement Procedure

The EUT is placed on a turn table, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max fundamental emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for EIRP the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna. the measurement using a spectrum analyzer for AVG power spectrum density per 1MHZ BW, the test procedure by c63.10 section 11.10.

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## 10.4 Measurement Result

## 10.4.1 Power spectral density

Mode: CDD

POWER DENSITY 802.11a MODE						
Frequency (MHz)	PSD (dBm/MHz)				Factor (dB)	EIRP PSD (dBm/MHz)
	Ch0+	Ch1+	Ch2+	Ch3 meas		
5955				-13.408	18.04	4.632
6175				-14.475	19.24	4.765
6415				-14.765	19.76	4.995
6435				-15.157	19.87	4.713
6475				-14.178	19.07	4.892
6515				-13.588	18.42	4.832
6535				-13.696	18.32	4.624
6695				-13.936	18.52	4.584
6855				-14.552	19.44	4.888
6875				-14.977	19.67	4.693
6895				-15.086	19.92	4.834
6995				-15.497	20.34	4.843
7095				-14.210	19.16	4.950
						5.000
						-0.368
						-0.235
						-0.005
						-0.287
						-0.108
						-0.168
						-0.376
						-0.416
						-0.112
						-0.307
						-0.166
						-0.157
						-0.050

POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	PSD (dBm/MHz)				Factor (dB)	EIRP PSD (dBm/MHz)
	Ch0+	Ch1+	Ch2+	Ch3 meas		
5955				-13.131	18.10	4.969
6175				-14.653	19.23	4.577
6415				-14.725	19.70	4.975
6435				-14.950	19.91	4.960
6475				-14.727	19.41	4.683
6515				-13.449	18.39	4.941
6535				-13.597	18.32	4.723
6695				-13.741	18.52	4.779
6855				-14.721	19.37	4.649
6875				-14.778	19.57	4.792
6895				-15.055	19.81	4.755
6995				-15.315	20.27	4.955
7095				-14.259	19.14	4.881
						5.000
						-0.031
						-0.423
						-0.025
						-0.040
						-0.317
						-0.059
						-0.277
						-0.221
						-0.351
						-0.208
						-0.245
						-0.045
						-0.119

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## POWER DENSITY 802.11n HT40 MODE

Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas				
5965	-13.072	17.86	4.788	5.000	-0.212
6165	-14.557	19.31	4.753	5.000	-0.247
6405	-14.923	19.66	4.737	5.000	-0.263
6445	-15.271	19.87	4.599	5.000	-0.401
6485	-14.463	19.40	4.937	5.000	-0.063
<b>6525</b>	-13.493	18.37	4.877	5.000	-0.123
6565	-13.636	18.38	4.744	5.000	-0.256
6685	-13.818	18.52	4.702	5.000	-0.298
6845	-14.900	19.39	4.490	5.000	-0.510
<b>6885</b>	-15.003	19.64	4.637	5.000	-0.363
6925	-15.221	19.75	4.529	5.000	-0.471
7005	-15.179	20.15	4.971	5.000	-0.029
7085	-15.177	19.39	4.213	5.000	-0.787

## POWER DENSITY 802.11ac VHT80 MODE

Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas				
5985	-13.143	17.98	4.837	5.000	-0.163
6145	-14.599	19.22	4.621	5.000	-0.379
6385	-15.257	19.65	4.393	5.000	-0.607
6465	-14.565	19.47	4.905	5.000	-0.095
<b>6545</b>	-13.669	18.37	4.701	5.000	-0.299
6625	-14.075	18.61	4.535	5.000	-0.465
6705	-13.815	18.52	4.705	5.000	-0.295
6785	-14.288	19.27	4.982	5.000	-0.018
<b>6865</b>	-14.855	19.33	4.475	5.000	-0.525
6945	-14.712	19.69	4.978	5.000	-0.022
7025	-15.385	20.14	4.755	5.000	-0.245

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## POWER DENSITY 802.11ac VHT160 MODE

Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas				
6025	-13.411	17.99	4.579	5.000	-0.421
6185	-14.283	19.04	4.757	5.000	-0.243
6345	-14.728	19.65	4.922	5.000	-0.078
<b>6505</b>	-14.931	19.63	4.699	5.000	-0.301
6665	-14.007	18.68	4.673	5.000	-0.327
<b>6825</b>	-14.319	19.21	4.891	5.000	-0.109
6985	-15.117	19.96	4.843	5.000	-0.157

## POWER DENSITY 802.11be EHT20 MODE

Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas				
5955	full	-13.335	18.03	4.695	5.000	-0.305
6175	full	-14.330	19.27	4.940	5.000	-0.060
6415	full	-14.707	19.70	4.993	5.000	-0.007
6435	full	-15.310	19.89	4.580	5.000	-0.420
6475	full	-14.528	19.34	4.812	5.000	-0.188
6515	full	-13.611	18.36	4.749	5.000	-0.251
6535	full	-13.461	18.19	4.729	5.000	-0.271
6695	full	-13.972	18.53	4.558	5.000	-0.442
6855	full	-14.586	19.38	4.794	5.000	-0.206
<b>6875</b>	<b>full</b>	-14.671	19.58	4.909	5.000	-0.091
6895	full	-14.939	19.86	4.921	5.000	-0.079
6995	full	-15.389	20.35	4.961	5.000	-0.039
7095	full	-14.552	19.07	4.518	5.000	-0.482

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POWER DENSITY802.11be EHT40 MODE						
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas				
5965	full	-13.159	17.86	4.701	5.000	-0.299
6165	full	-14.563	19.31	4.747	5.000	-0.253
6405	full	-14.886	19.67	4.784	5.000	-0.216
6445	full	-14.958	19.62	4.662	5.000	-0.338
6485	full	-14.437	19.36	4.923	5.000	-0.077
6525	full	-13.543	18.44	4.897	5.000	-0.103
6565	full	-13.585	18.46	4.875	5.000	-0.125
6685	full	-14.097	18.52	4.423	5.000	-0.577
6845	full	-14.772	19.37	4.598	5.000	-0.402
6885	full	-15.072	19.85	4.778	5.000	-0.222
6925	full	-15.597	19.63	4.033	5.000	-0.967
7005	full	-15.444	20.14	4.696	5.000	-0.304
7085	full	-14.700	19.35	4.650	5.000	-0.350

POWER DENSITY802.11be EHT80 MODE						
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas				
5985	full	-13.158	17.67	4.512	5.000	-0.488
6145	full	-14.503	19.31	4.807	5.000	-0.193
6385	full	-14.937	19.62	4.683	5.000	-0.317
6465	full	-14.672	19.45	4.778	5.000	-0.222
6545	full	-13.373	18.35	4.977	5.000	-0.023
6625	full	-13.876	18.56	4.684	5.000	-0.316
6705	full	-13.896	18.52	4.624	5.000	-0.376
6785	full	-14.410	19.21	4.800	5.000	-0.200
6865	full	-14.644	19.44	4.796	5.000	-0.204
6945	full	-14.889	19.70	4.811	5.000	-0.189
7025	full	-15.678	20.21	4.532	5.000	-0.468

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## POWER DENSITY 802.11be EHT160 MODE

Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas				
6025	full	-13.001	17.95	4.949	5.000	-0.051
6185	full	-14.254	19.13	4.876	5.000	-0.124
6345	full	-15.280	19.79	4.510	5.000	-0.490
<b>6505</b>	<b>full</b>	-15.364	19.91	4.546	5.000	-0.454
6665	full	-13.592	18.53	4.938	5.000	-0.062
<b>6825</b>	<b>full</b>	-14.714	19.21	4.496	5.000	-0.504
6985	full	-14.931	19.70	4.769	5.000	-0.231

## POWER DENSITY 802.11be EHT320 MODE

Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas				
6105	full	-14.282	19.25	4.968	5.000	-0.032
6265	full	-15.437	19.86	4.423	5.000	-0.577
<b>6425</b>	<b>full</b>	-15.163	19.95	4.787	5.000	-0.213
<b>6585</b>	<b>full</b>	-13.926	18.63	4.704	5.000	-0.296
<b>6745</b>	<b>full</b>	-13.912	18.54	4.628	5.000	-0.372
6905	full	-14.944	19.42	4.476	5.000	-0.524

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## Mode: Beamforming

POWER DENSITY 802.11n HT20 MODE						
Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas					
5955	-13.567	18.00	0.03	4.463	5.000	-0.537
6175	-14.750	19.27	0.03	4.550	5.000	-0.450
6415	-15.325	19.77	0.03	4.475	5.000	-0.525
6435	-15.687	19.88	0.03	4.223	5.000	-0.777
6475	-14.963	19.46	0.03	4.527	5.000	-0.473
6515	-14.199	18.48	0.03	4.311	5.000	-0.689
6535	-13.602	18.23	0.03	4.658	5.000	-0.342
6695	-13.979	18.52	0.03	4.571	5.000	-0.429
6855	-15.140	19.42	0.03	4.310	5.000	-0.690
<b>6875</b>	-15.008	19.62	0.03	4.642	5.000	-0.358
6895	-15.643	19.92	0.03	4.307	5.000	-0.693
6995	-15.914	20.13	0.03	4.246	5.000	-0.754
7095	-14.374	19.15	0.03	4.806	5.000	-0.194

POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas					
5965	-12.994	17.83	0.02	4.856	5.000	-0.144
6165	-14.712	19.30	0.02	4.608	5.000	-0.392
6405	-15.226	19.62	0.02	4.414	5.000	-0.586
6445	-14.850	19.64	0.02	4.810	5.000	-0.190
6485	-15.138	19.46	0.02	4.342	5.000	-0.658
<b>6525</b>	-13.963	18.48	0.02	4.537	5.000	-0.463
6565	-13.652	18.25	0.02	4.618	5.000	-0.382
6685	-13.724	18.51	0.02	4.806	5.000	-0.194
6845	-14.625	19.38	0.02	4.775	5.000	-0.225
<b>6885</b>	-15.178	19.67	0.02	4.512	5.000	-0.488
6925	-14.990	19.81	0.02	4.840	5.000	-0.160
7005	-15.791	20.27	0.02	4.499	5.000	-0.501
7085	-14.928	19.37	0.02	4.462	5.000	-0.538

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POWER DENSITY 802.11ac VHT80 MODE						
Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas					
5985	-13.115	17.86	0.04	4.785	5.000	-0.215
6145	-14.792	19.24	0.04	4.488	5.000	-0.512
6385	-14.908	19.65	0.04	4.782	5.000	-0.218
6465	-15.186	19.50	0.04	4.354	5.000	-0.646
6545	-13.919	18.27	0.04	4.391	5.000	-0.609
6625	-13.898	18.52	0.04	4.662	5.000	-0.338
6705	-14.105	18.53	0.04	4.465	5.000	-0.535
6785	-14.471	19.21	0.04	4.779	5.000	-0.221
6865	-15.128	19.59	0.04	4.502	5.000	-0.498
6945	-15.047	19.70	0.04	4.693	5.000	-0.307
7025	-15.587	20.20	0.04	4.653	5.000	-0.347

POWER DENSITY 802.11ac VHT160 MODE						
Frequency (MHz)	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
	Ch0+ Ch1+ Ch2+ Ch3 meas					
6025	-13.935	18.16	0.07	4.295	5.000	-0.705
6185	-15.019	19.30	0.07	4.351	5.000	-0.649
6345	-14.949	19.51	0.07	4.631	5.000	-0.369
6505	-15.117	19.49	0.07	4.443	5.000	-0.557
6665	-13.926	18.52	0.07	4.664	5.000	-0.336
6825	-14.635	19.24	0.07	4.675	5.000	-0.325
6985	-15.252	19.51	0.07	4.328	5.000	-0.672

POWER DENSITY 802.11be EHT20 MODE							
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas					
5955	full	-13.471	18.05	0.05	4.629	5.000	-0.371
6175	full	-14.567	19.28	0.05	4.763	5.000	-0.237
6415	full	-14.885	19.69	0.05	4.855	5.000	-0.145
6435	full	-15.380	19.90	0.05	4.570	5.000	-0.430
6475	full	-14.675	19.40	0.05	4.775	5.000	-0.225
6515	full	-13.863	18.50	0.05	4.687	5.000	-0.313
6535	full	-13.819	18.28	0.05	4.511	5.000	-0.489
6695	full	-13.753	18.52	0.05	4.817	5.000	-0.183
6855	full	-15.107	19.54	0.05	4.483	5.000	-0.517
<b>6875</b>	<b>full</b>	-15.050	19.58	0.05	4.580	5.000	-0.420
6895	full	-15.429	19.85	0.05	4.471	5.000	-0.529
6995	full	-15.436	20.26	0.05	4.874	5.000	-0.126
7095	full	-14.302	19.13	0.05	4.878	5.000	-0.122

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POWER DENSITY802.11be EHT40 MODE							
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas					
5965	full	-13.121	17.86	0.04	4.779	5.000	-0.221
6165	full	-14.754	19.32	0.04	4.606	5.000	-0.394
6405	full	-14.832	19.70	0.04	4.908	5.000	-0.092
6445	full	-15.237	19.96	0.04	4.763	5.000	-0.237
6485	full	-14.415	18.72	0.04	4.345	5.000	-0.655
<b>6525</b>	<b>full</b>	-13.673	18.33	0.04	4.697	5.000	-0.303
6565	full	-13.790	18.36	0.04	4.610	5.000	-0.390
6685	full	-13.894	18.51	0.04	4.656	5.000	-0.344
6845	full	-14.957	19.38	0.04	4.463	5.000	-0.537
<b>6885</b>	<b>full</b>	-15.043	19.58	0.04	4.577	5.000	-0.423
6925	full	-14.624	19.36	0.04	4.776	5.000	-0.224
7005	full	-15.963	20.35	0.04	4.427	5.000	-0.573
7085	full	-15.134	19.36	0.04	4.266	5.000	-0.734

POWER DENSITY802.11be EHT80 MODE							
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas					
5985	full	-13.197	17.79	0.04	4.633	5.000	-0.367
6145	full	-14.549	19.23	0.04	4.721	5.000	-0.279
6385	full	-15.064	19.63	0.04	4.606	5.000	-0.394
6465	full	-15.289	19.86	0.04	4.611	5.000	-0.389
<b>6545</b>	<b>full</b>	-13.776	18.40	0.04	4.664	5.000	-0.336
6625	full	-14.183	18.53	0.04	4.387	5.000	-0.613
6705	full	-13.977	18.53	0.04	4.593	5.000	-0.407
6785	full	-14.713	19.24	0.04	4.567	5.000	-0.433
<b>6865</b>	<b>full</b>	-14.792	19.30	0.04	4.548	5.000	-0.452
6945	full	-15.061	19.77	0.04	4.749	5.000	-0.251
7025	full	-16.100	20.33	0.04	4.270	5.000	-0.730

POWER DENSITY 802.11be EHT160 MODE							
Frequency (MHz)	RU config.	PSD (dBm/MHz)	Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+ Ch1+ Ch2+ Ch3 meas					
6025	full	-13.390	18.21	0.08	4.900	5.000	-0.100
6185	full	-14.885	19.24	0.08	4.435	5.000	-0.565
6345	full	-15.586	19.95	0.08	4.444	5.000	-0.556
<b>6505</b>	<b>full</b>	-15.613	19.87	0.08	4.337	5.000	-0.663
6665	full	-14.016	18.53	0.08	4.594	5.000	-0.406
<b>6825</b>	<b>full</b>	-14.868	19.38	0.08	4.592	5.000	-0.408
6985	full	-15.338	19.63	0.08	4.372	5.000	-0.628

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POWER DENSITY 802.11be EHT320 MODE								
Frequency (MHz)	RU config.	PSD (dBm/MHz)		Factor (dB)	Duty cycle Factor (dB)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Ch0+	Ch1+ Ch2+ Ch3 meas					
6105	full	-13.787		18.09	0.19	4.493	5.000	-0.507
6265	full	-15.210		19.95	0.19	4.930	5.000	-0.070
6425	full	-15.425		19.72	0.19	4.485	5.000	-0.515
6585	full	-13.739		18.53	0.19	4.981	5.000	-0.019
6745	full	-14.539		18.88	0.19	4.531	5.000	-0.469
6905	full	-14.659		19.38	0.19	4.911	5.000	-0.089

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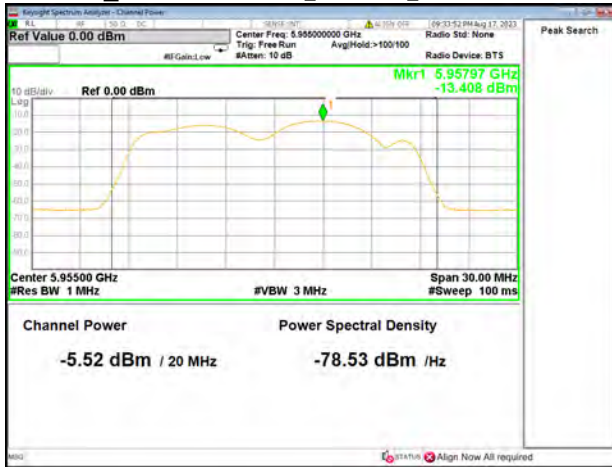
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CDD\_Channel Power+PSD\_802.11a20\_802.11a 5955MHz



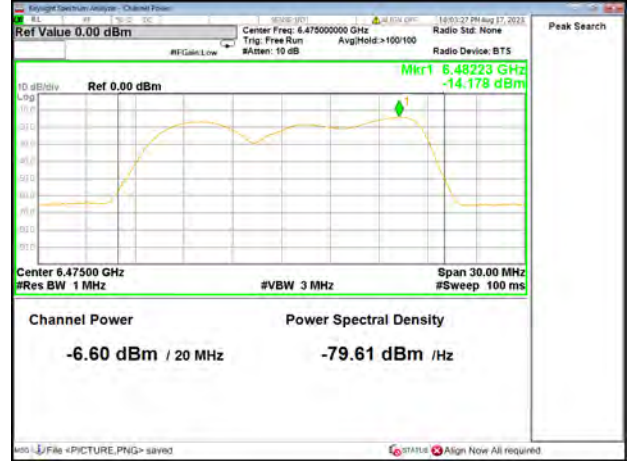
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Channel Power+PSD\_802.11a20\_802.11a 6175MHz



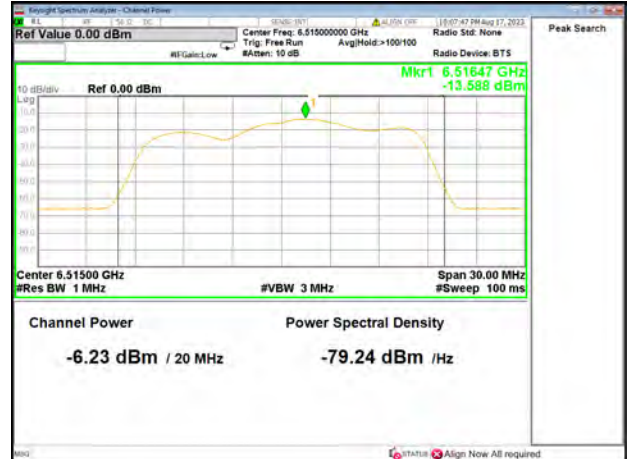
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Channel Power+PSD\_802.11a20\_802.11a 6515MHz

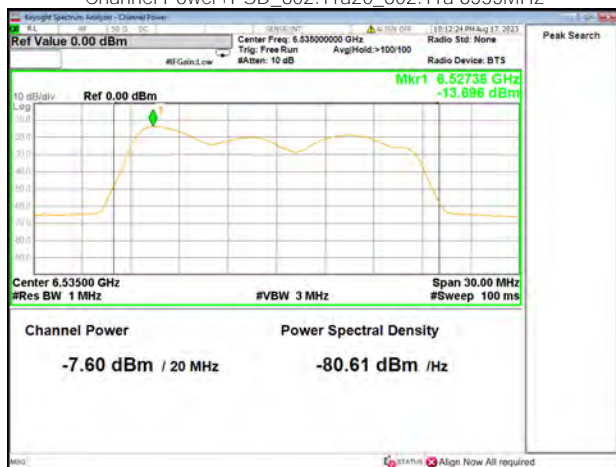


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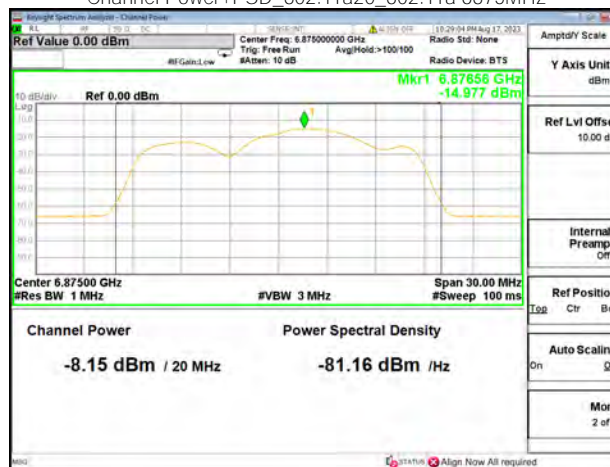
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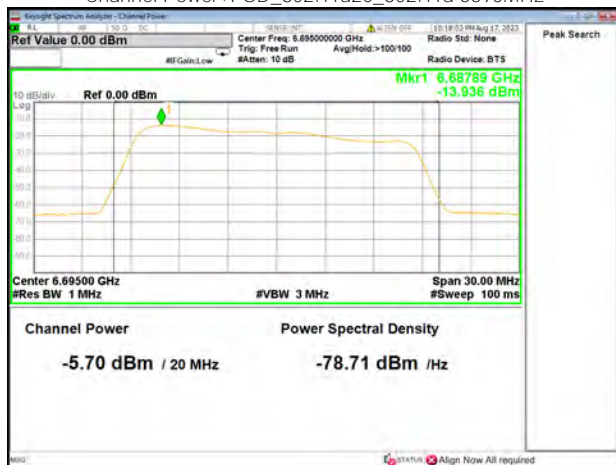
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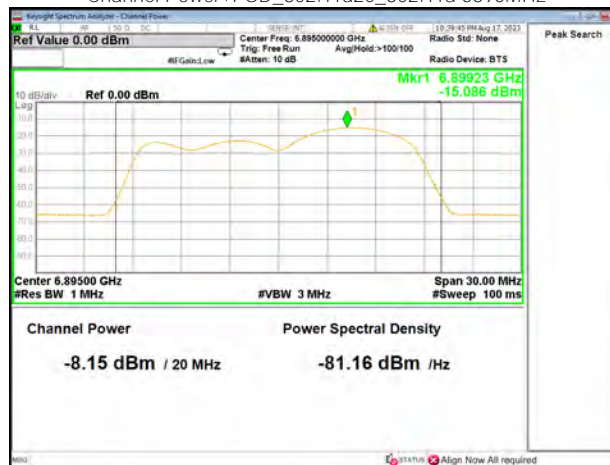
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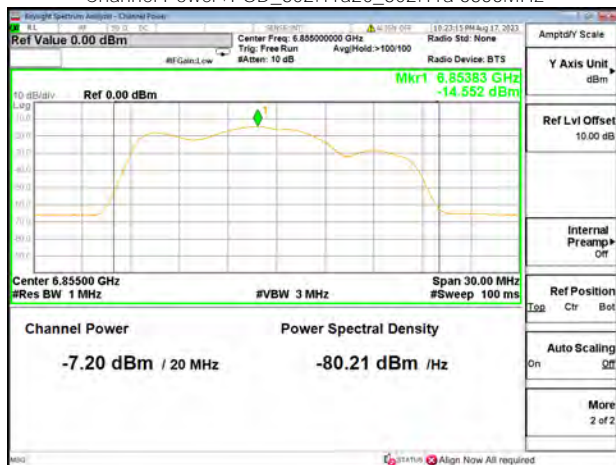
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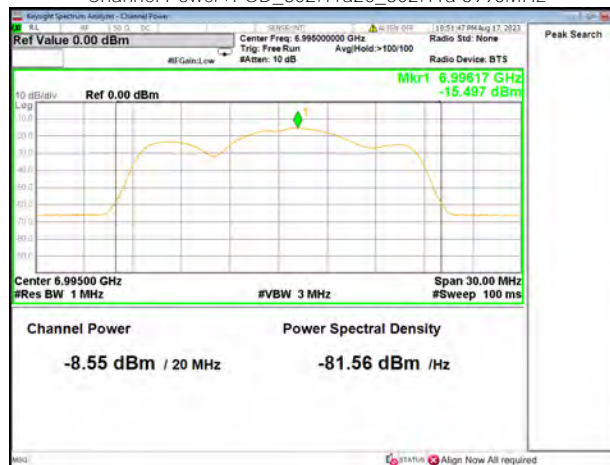
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Channel Power+PSD\_802.11a20\_802.11a 6855MHz



Channel Power+PSD\_802.11a20\_802.11a 6995MHz



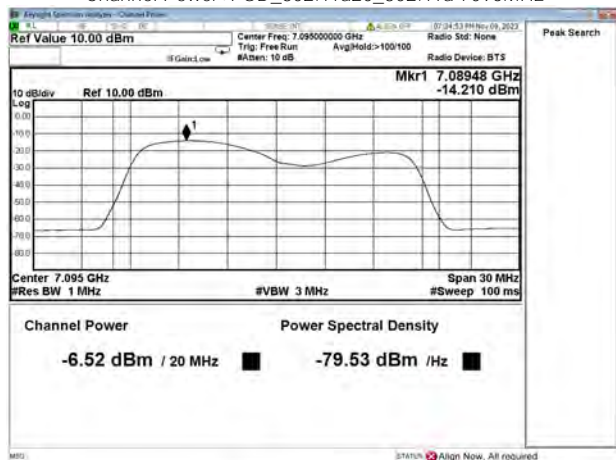
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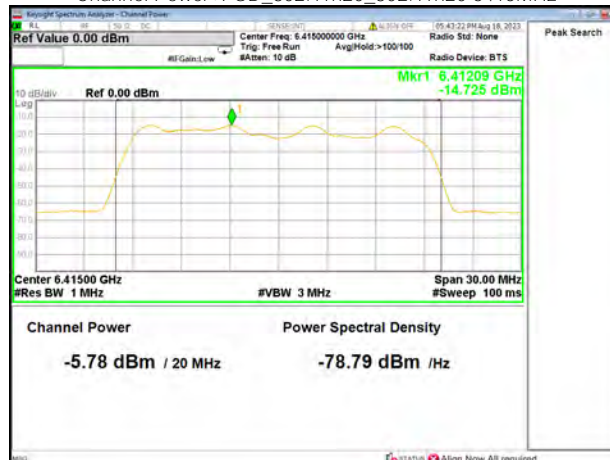
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Channel Power+PSD\_802.11a20\_802.11a 7095MHz



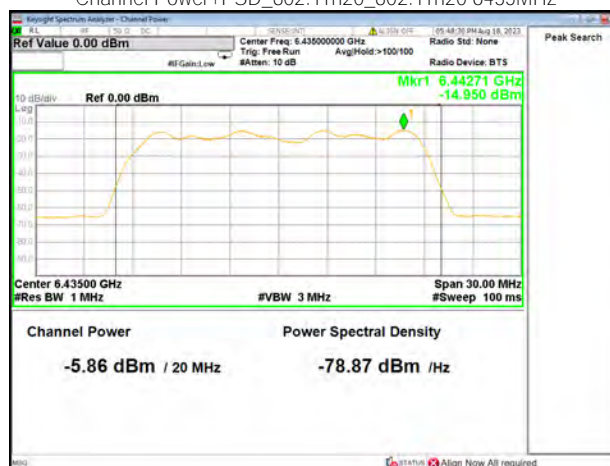
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Channel Power+PSD\_802.11n20\_802.11n20 5955MHz



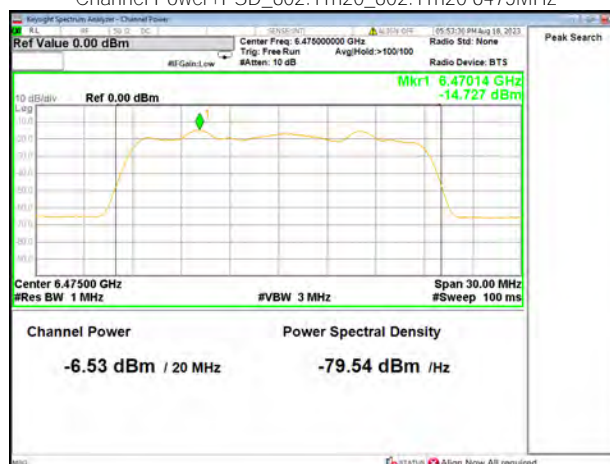
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Channel Power+PSD\_802.11n20\_802.11n20 6175MHz



Channel Power+PSD\_802.11n20\_802.11n20 6475MHz



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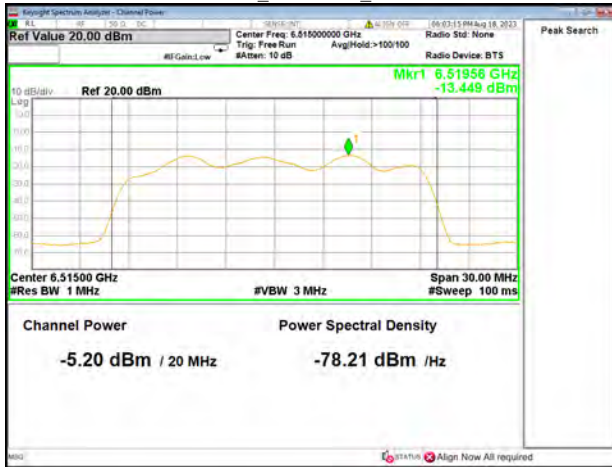
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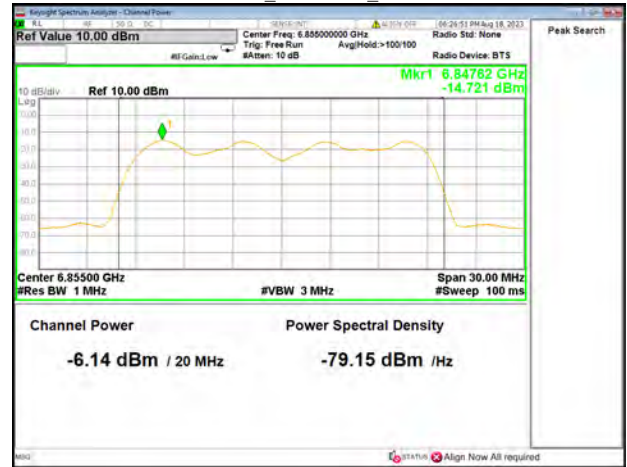
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Channel Power+PSD\_802.11n20\_802.11n20 6515MHz



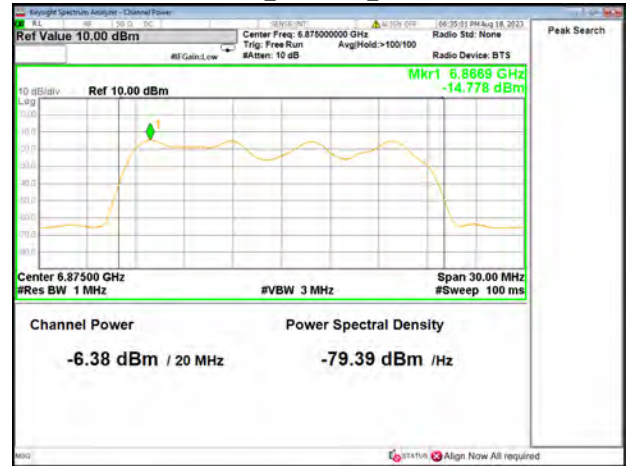
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Channel Power+PSD\_802.11n20\_802.11n20 6535MHz



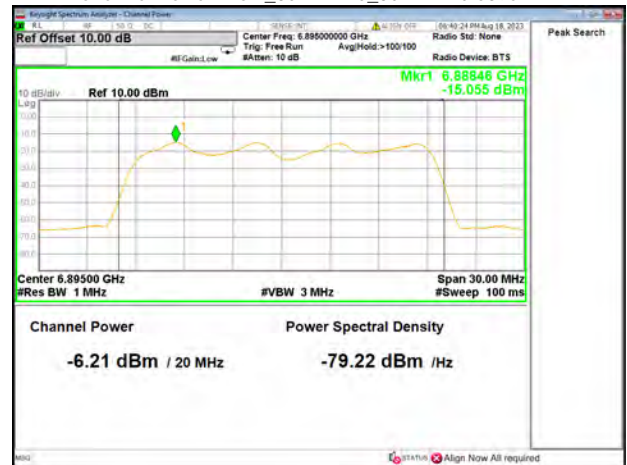
Channel Power+PSD\_802.11n20\_802.11n20 6875MHz



Channel Power+PSD\_802.11n20\_802.11n20 6695MHz



Channel Power+PSD\_802.11n20\_802.11n20 6895MHz



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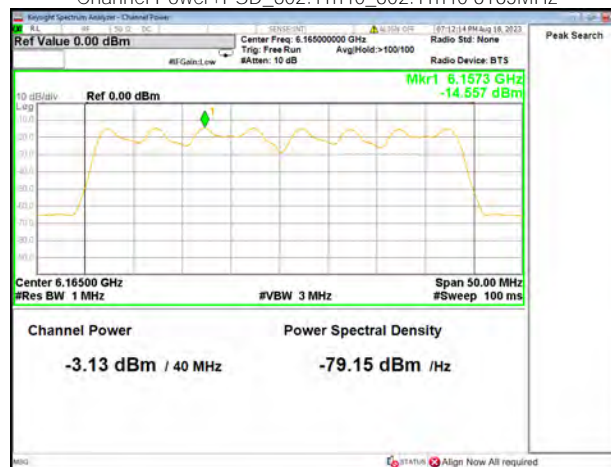
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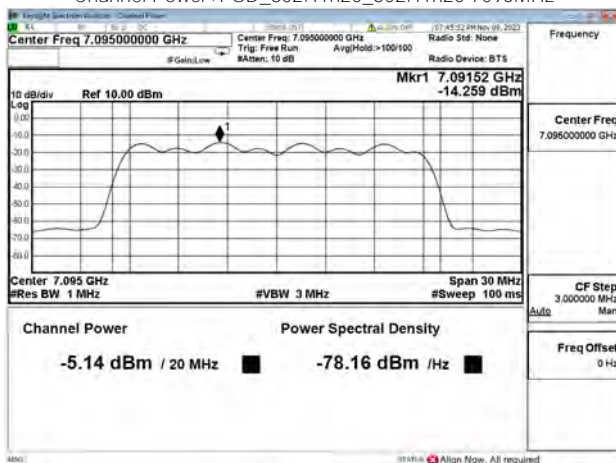
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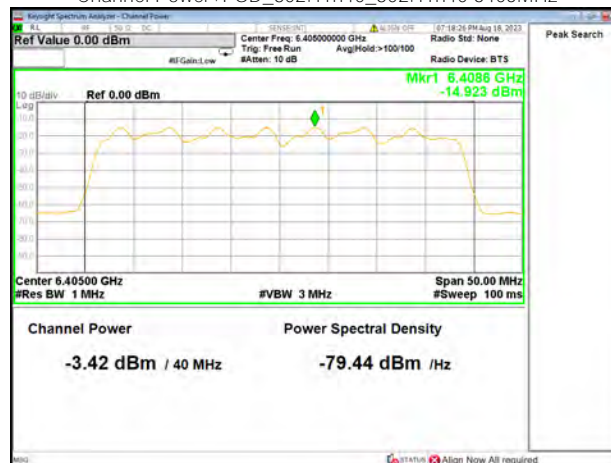
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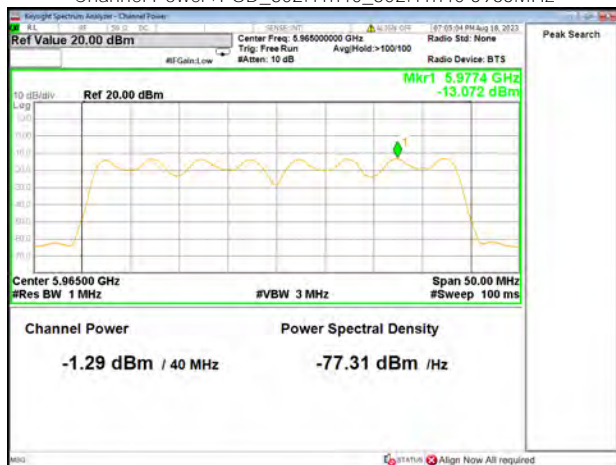
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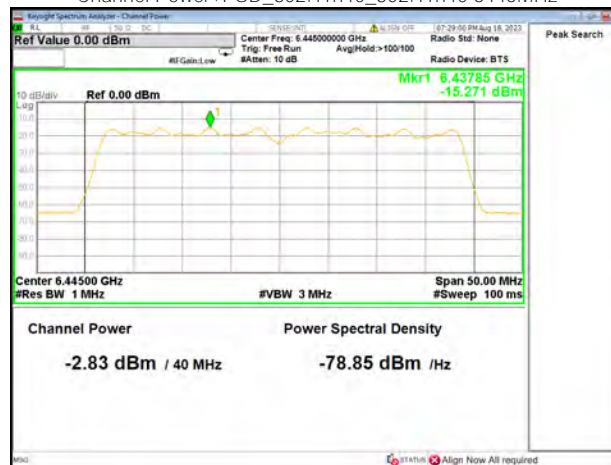
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Channel Power+PSD\_802.11n40\_802.11n40 5965MHz



Channel Power+PSD\_802.11n40\_802.11n40 6445MHz



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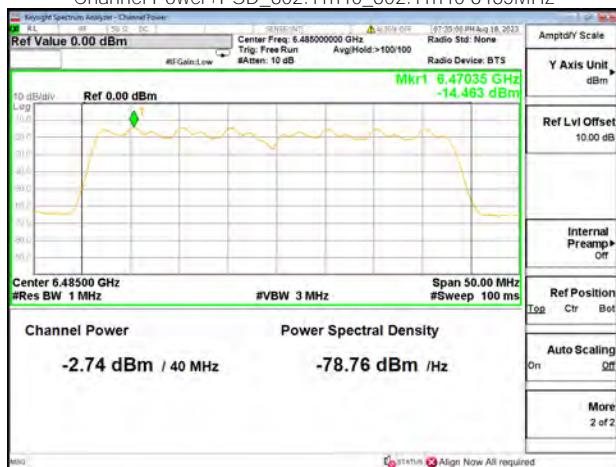
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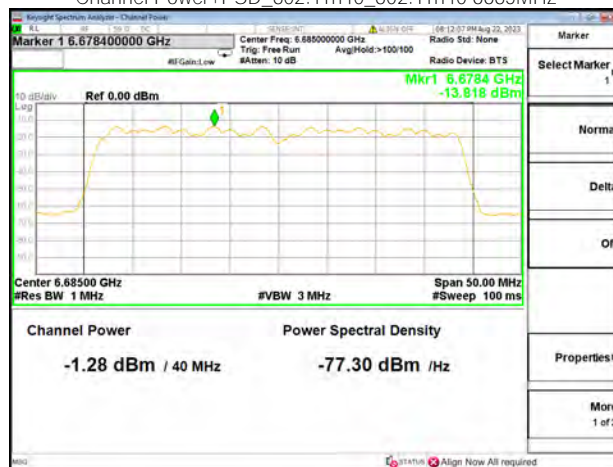
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Channel Power+PSD\_802.11n40\_802.11n40 6485MHz



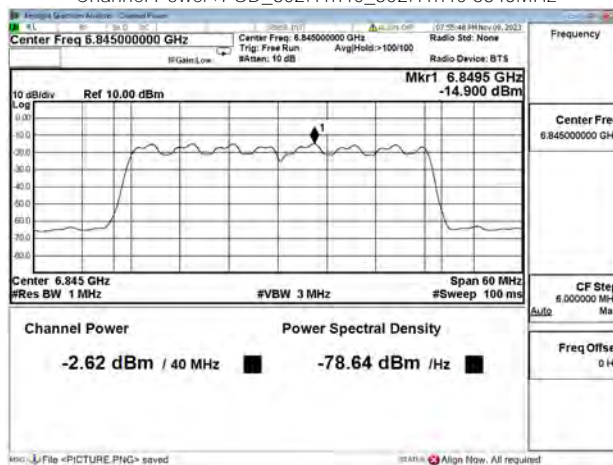
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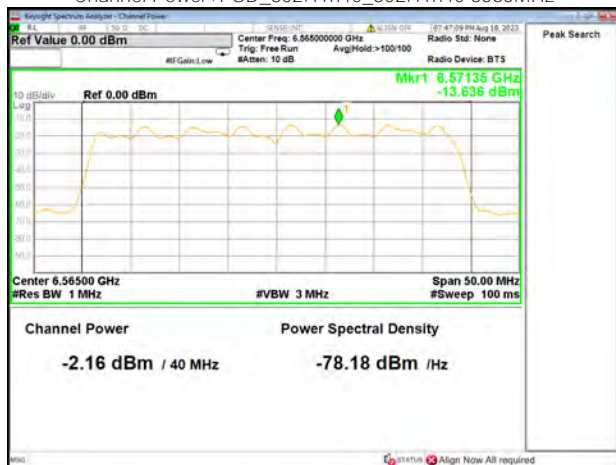
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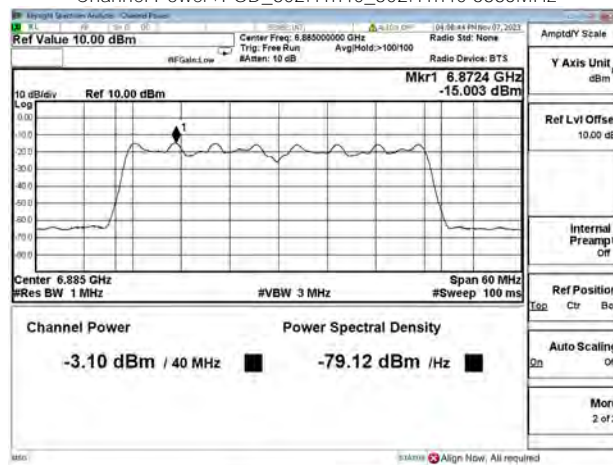
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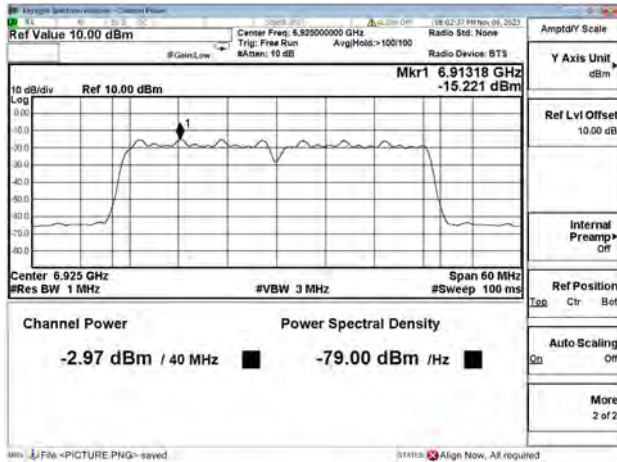
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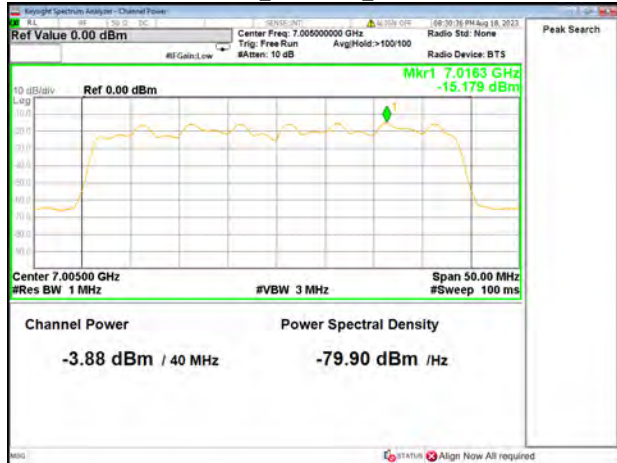
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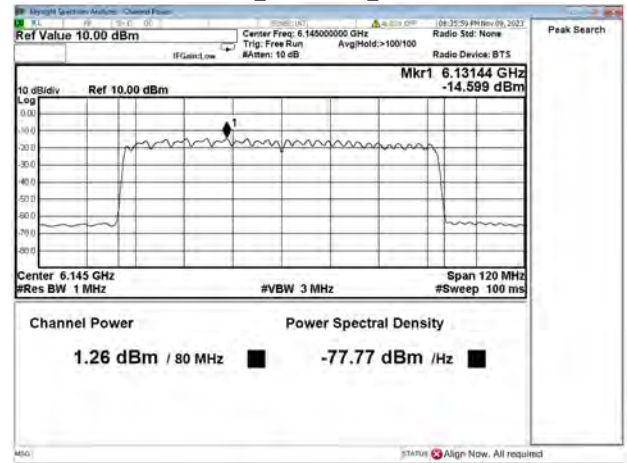
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Channel Power+PSD\_802.11n40\_802.11n40 7005MHz



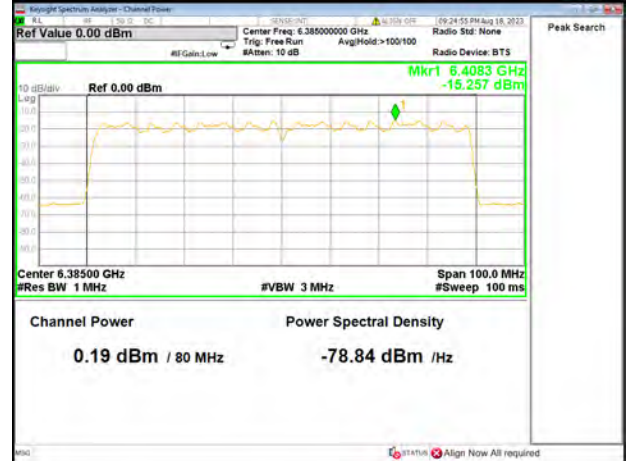
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Channel Power+PSD\_802.11n40\_802.11n40 7085MHz



Channel Power+PSD\_802.11ac80\_802.11ac80 6385MHz



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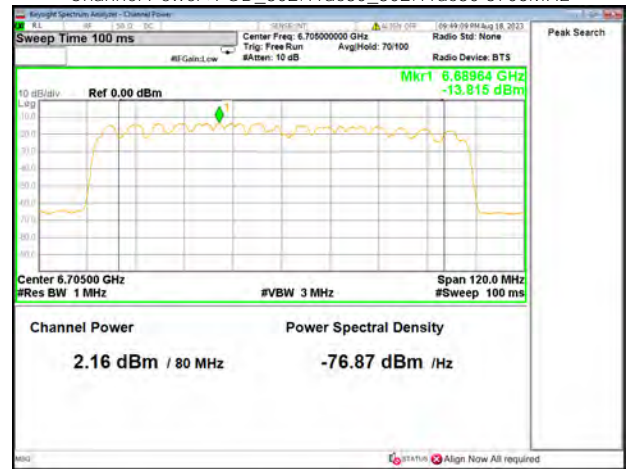
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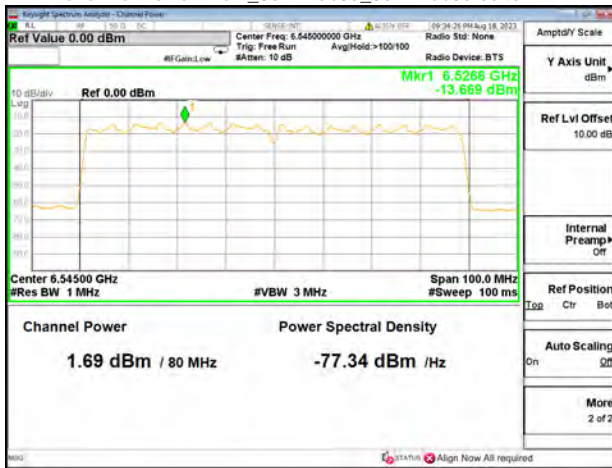
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Channel Power+PSD\_802.11ac80\_802.11ac80 6705MHz



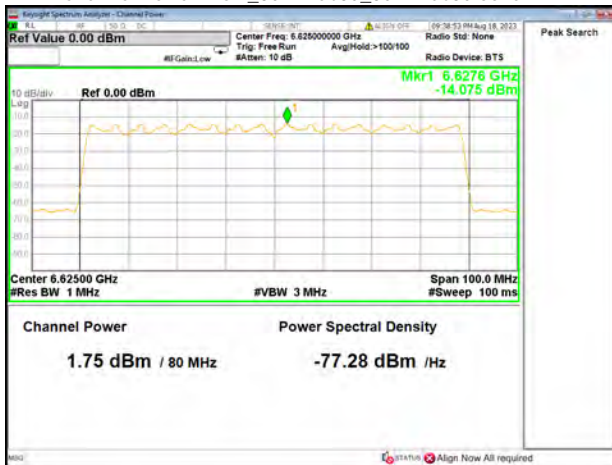
Channel Power+PSD\_802.11ac80\_802.11ac80 6545MHz



Channel Power+PSD\_802.11ac80\_802.11ac80 6785MHz



Channel Power+PSD\_802.11ac80\_802.11ac80 6625MHz



Channel Power+PSD\_802.11ac80\_802.11ac80 6865MHz



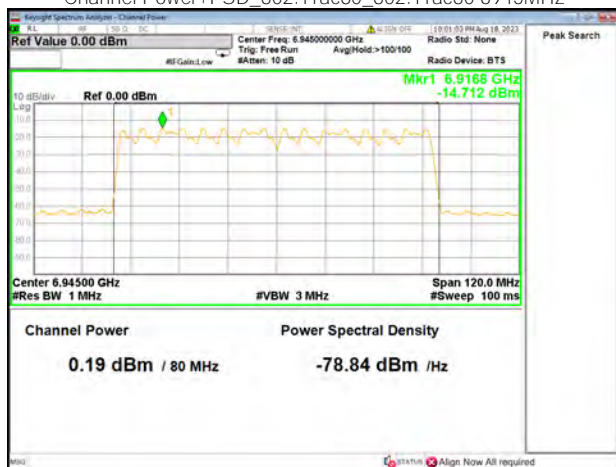
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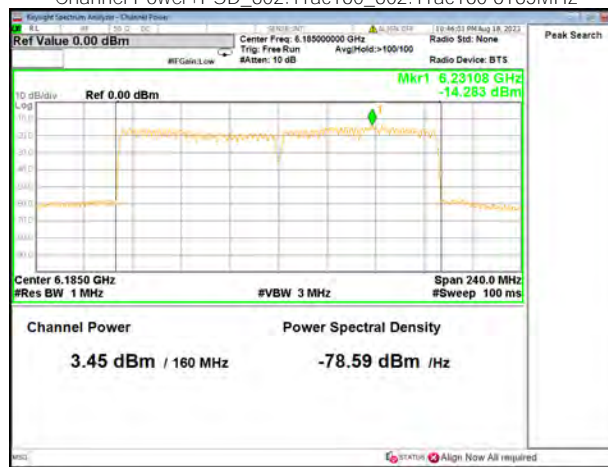
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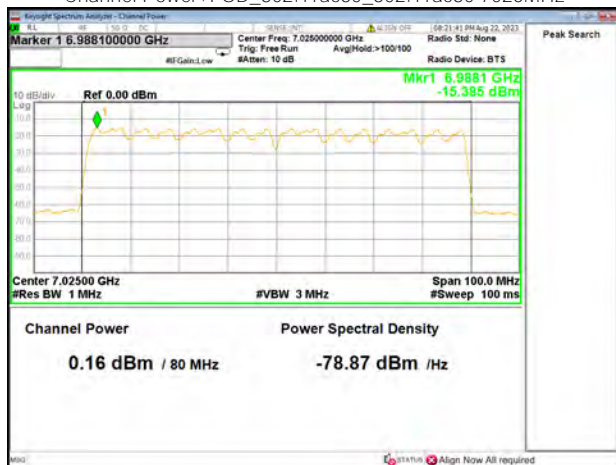
Channel Power+PSD\_802.11ac80\_802.11ac80 6945MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6185MHz



Channel Power+PSD\_802.11ac80\_802.11ac80 7025MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6345MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6025MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6505MHz



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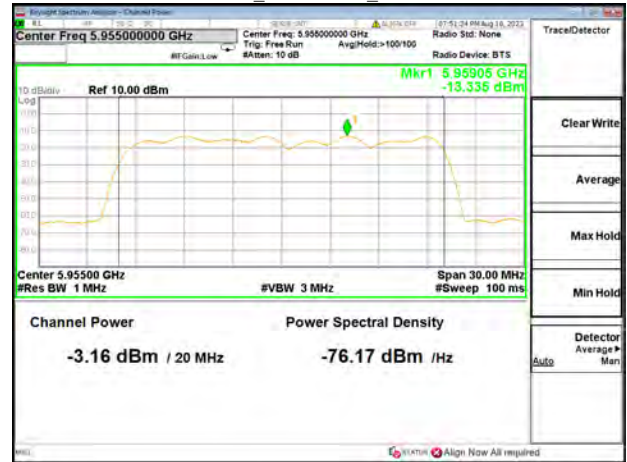
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Channel Power+PSD\_802.11ac160\_802.11ac160 6665MHz



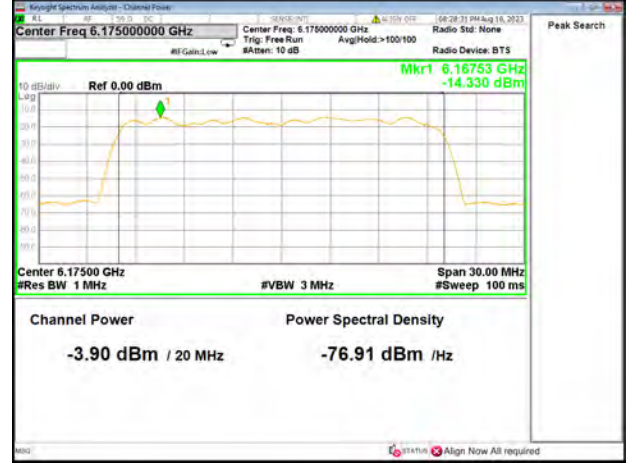
Channel Power+PSD\_802.11be20\_802.11be20 5955MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6825MHz



Channel Power+PSD\_802.11be20\_802.11be20 6175MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6985MHz



Channel Power+PSD\_802.11be20\_802.11be20 6415MHz

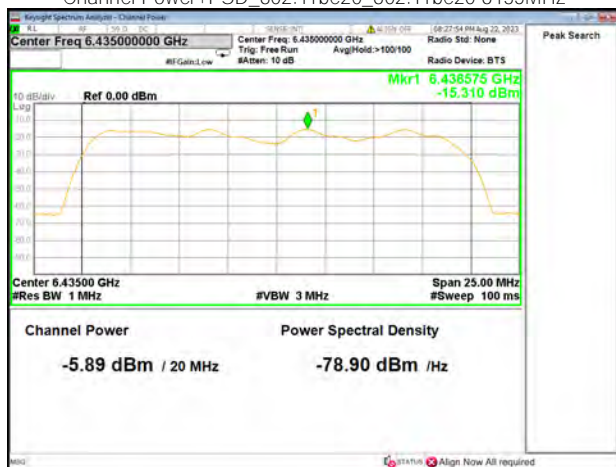


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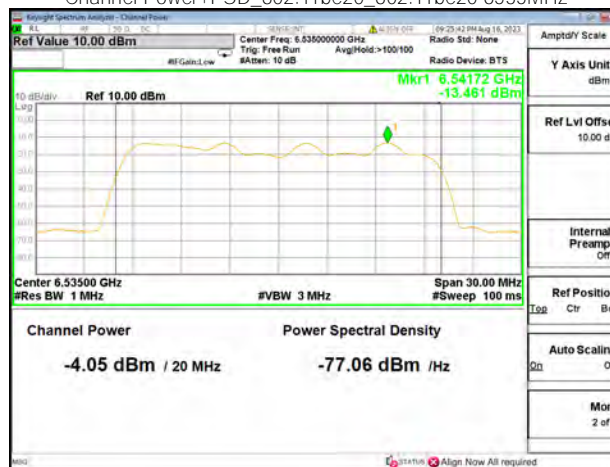
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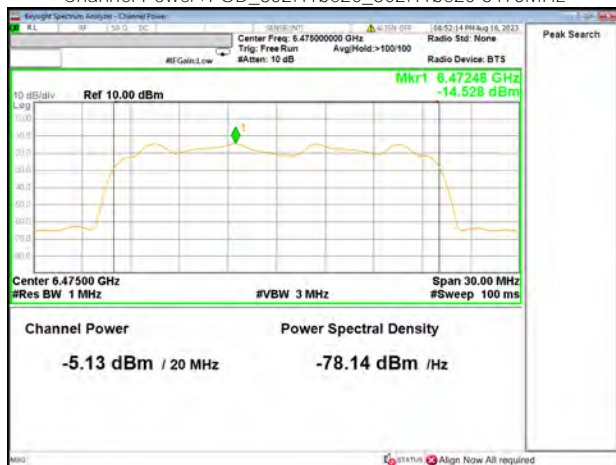
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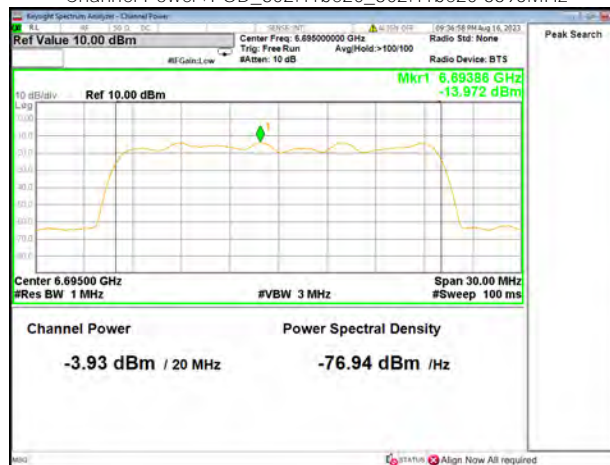
Channel Power+PSD\_802.11be20\_802.11be20 6535MHz



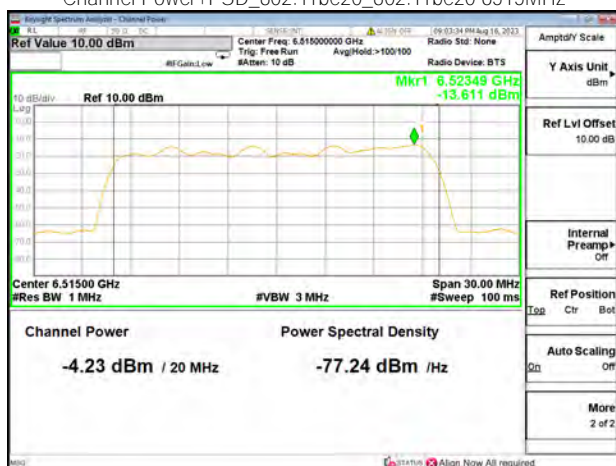
Channel Power+PSD\_802.11be20\_802.11be20 6475MHz



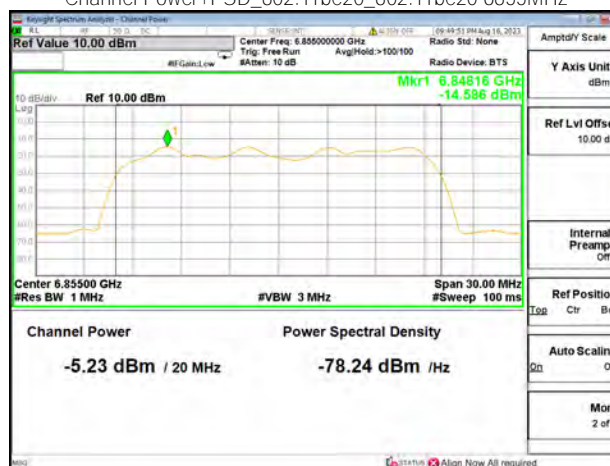
Channel Power+PSD\_802.11be20\_802.11be20 6695MHz



Channel Power+PSD\_802.11be20\_802.11be20 6515MHz



Channel Power+PSD\_802.11be20\_802.11be20 6855MHz



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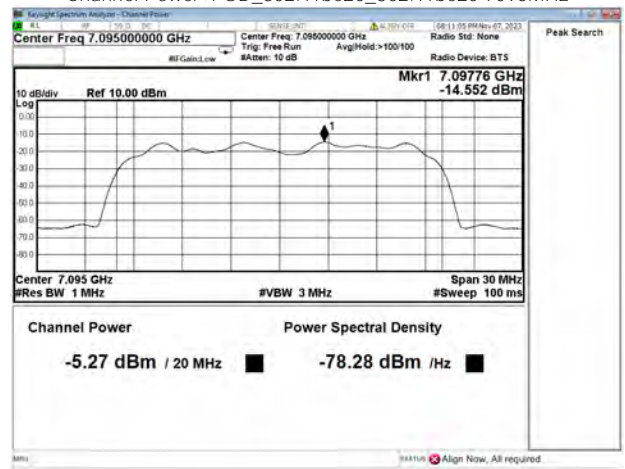
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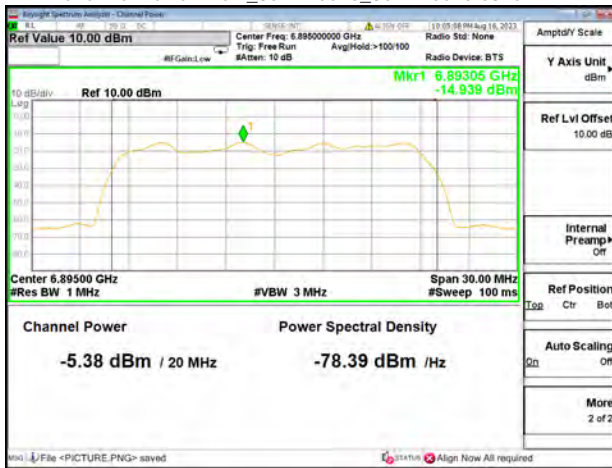
Channel Power+PSD\_802.11be20\_802.11be20 6875MHz



Channel Power+PSD\_802.11be20\_802.11be20 7095MHz



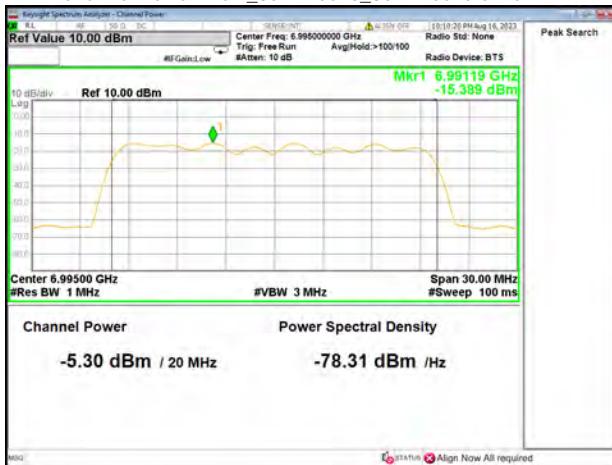
Channel Power+PSD\_802.11be20\_802.11be20 6895MHz



Channel Power+PSD\_802.11be40\_802.11be40 5965MHz



Channel Power+PSD\_802.11be20\_802.11be20 6995MHz



Channel Power+PSD\_802.11be40\_802.11be40 6165MHz



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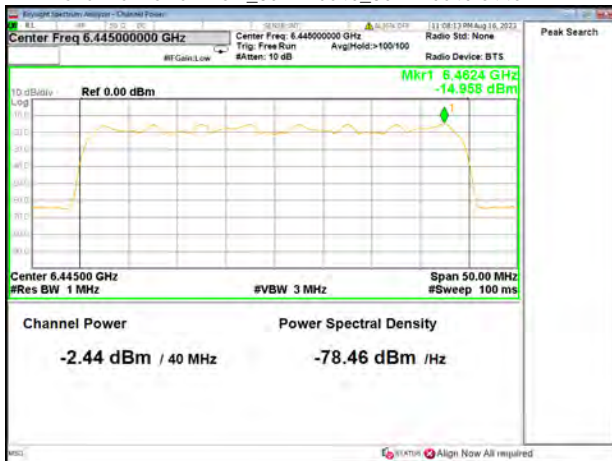
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Channel Power+PSD\_802.11be40\_802.11be40 6525MHz



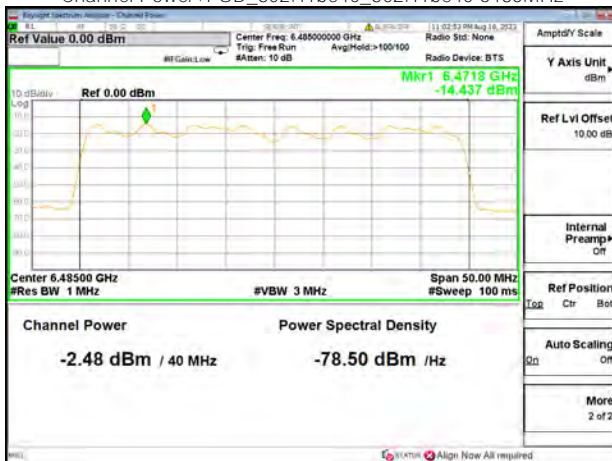
Channel Power+PSD\_802.11be40\_802.11be40 6445MHz



Channel Power+PSD\_802.11be40\_802.11be40 6565MHz



Channel Power+PSD\_802.11be40\_802.11be40 6485MHz



Channel Power+PSD\_802.11be40\_802.11be40 6685MHz



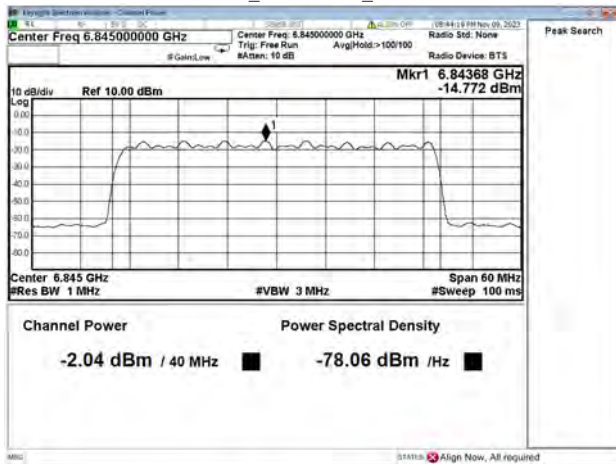
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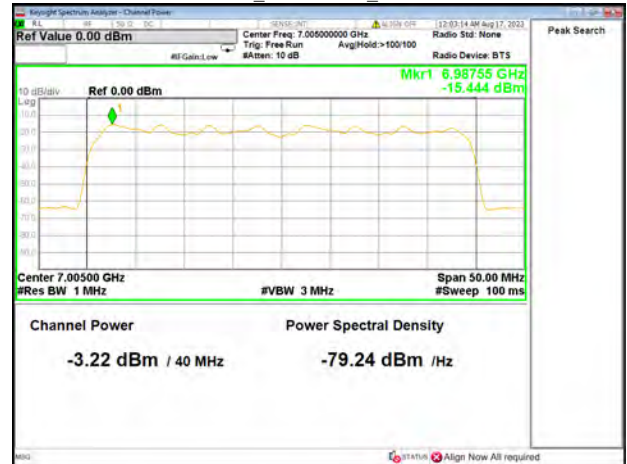
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Channel Power+PSD\_802.11be40\_802.11be40 6845MHz



Channel Power+PSD\_802.11be40\_802.11be40 7005MHz



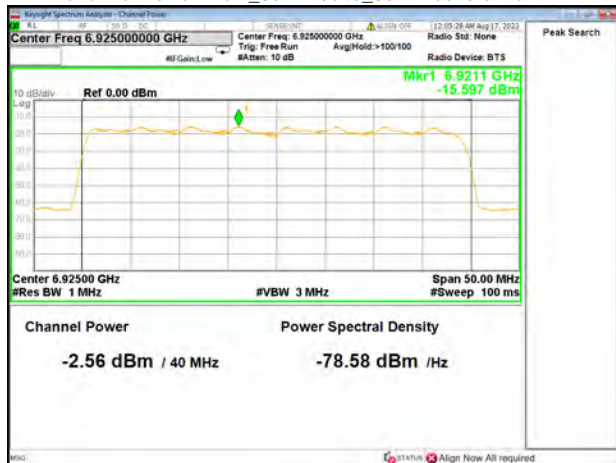
Channel Power+PSD\_802.11be40\_802.11be40 6885MHz



Channel Power+PSD\_802.11be40\_802.11be40 7085MHz



Channel Power+PSD\_802.11be40\_802.11be40 6925MHz



Channel Power+PSD\_802.11be80\_802.11be80 5985MHz



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台灣檢驗科技股份有限公司

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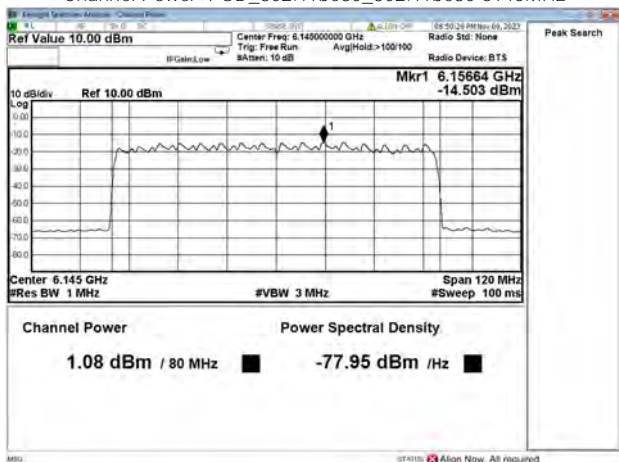
f (886-2) 2298-0488

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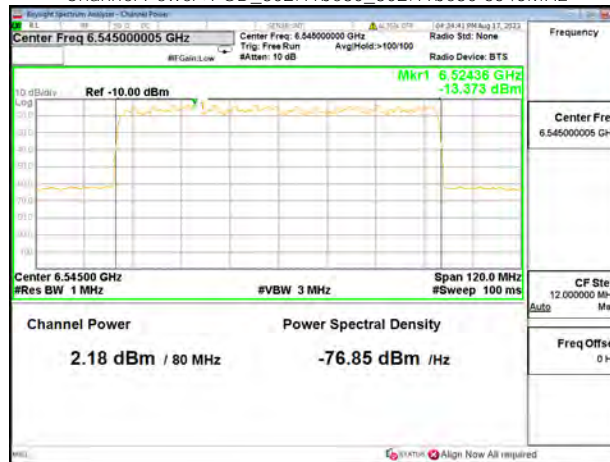
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Channel Power+PSD\_802.11be80\_802.11be80 6145MHz



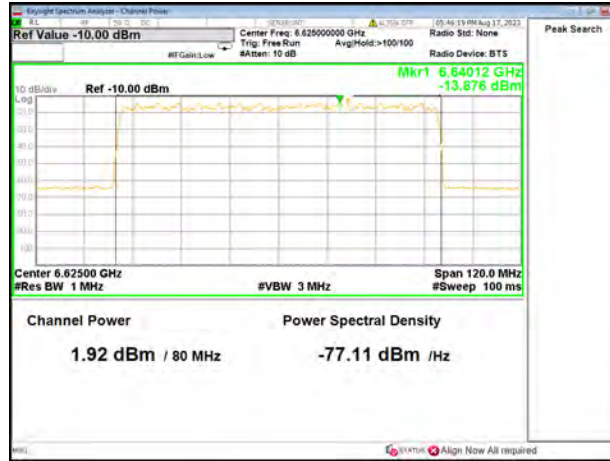
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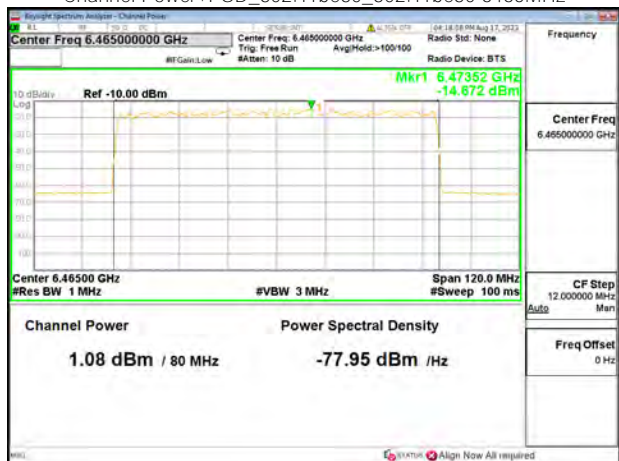
Channel Power+PSD\_802.11be80\_802.11be80 6385MHz



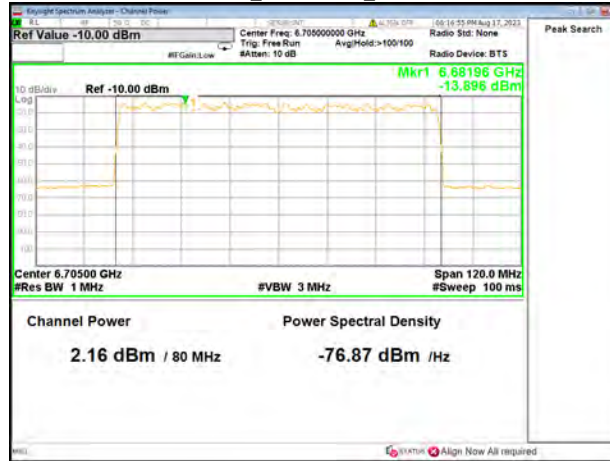
Channel Power+PSD\_802.11be80\_802.11be80 6625MHz



Channel Power+PSD\_802.11be80\_802.11be80 6465MHz



Channel Power+PSD\_802.11be80\_802.11be80 6705MHz



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Channel Power+PSD\_802.11be80\_802.11be80 6785MHz



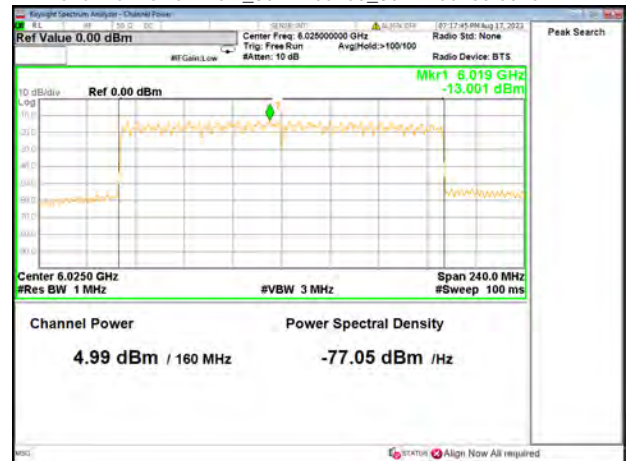
Channel Power+PSD\_802.11be80\_802.11be80 7025MHz



Channel Power+PSD\_802.11be80\_802.11be80 6865MHz



Channel Power+PSD\_802.11be160\_802.11be160 6025MHz



Channel Power+PSD\_802.11be80\_802.11be80 6945MHz



Channel Power+PSD\_802.11be160\_802.11be160 6185MHz



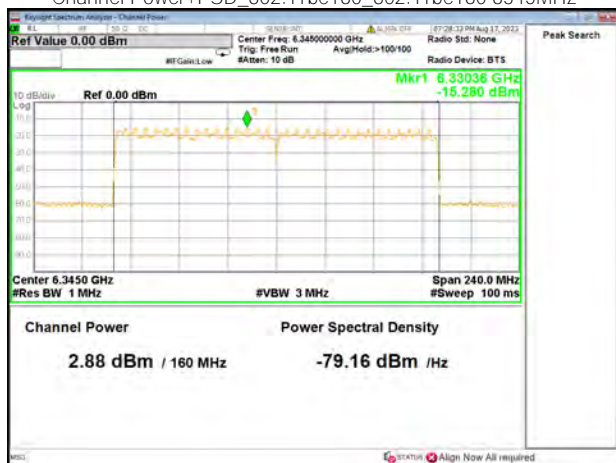
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Channel Power+PSD\_802.11be160\_802.11be160 6345MHz



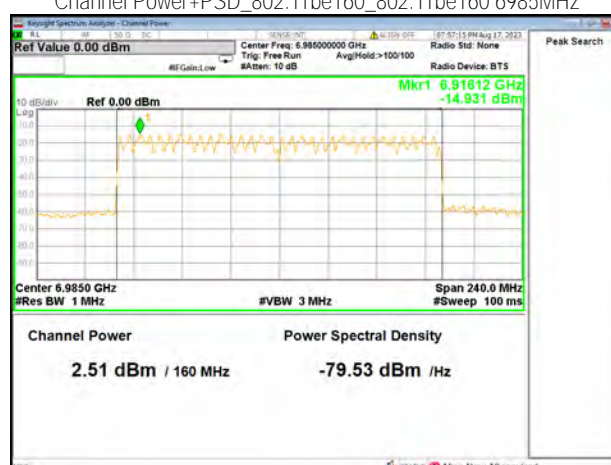
Channel Power+PSD\_802.11be160\_802.11be160 6825MHz



Channel Power+PSD\_802.11be160\_802.11be160 6505MHz



Channel Power+PSD\_802.11be160\_802.11be160 6985MHz



Channel Power+PSD\_802.11be160\_802.11be160 6665MHz



Channel Power+PSD\_802.11be320\_802.11be320 6105MHz



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Channel Power+PSD\_802.11be320\_802.11be320 6265MHz



Channel Power+PSD\_802.11be320\_802.11be320 6745MHz



Channel Power+PSD\_802.11be320\_802.11be320 6425MHz



Channel Power+PSD\_802.11be320\_802.11be320 6905MHz



Channel Power+PSD\_802.11be320\_802.11be320 6585MHz



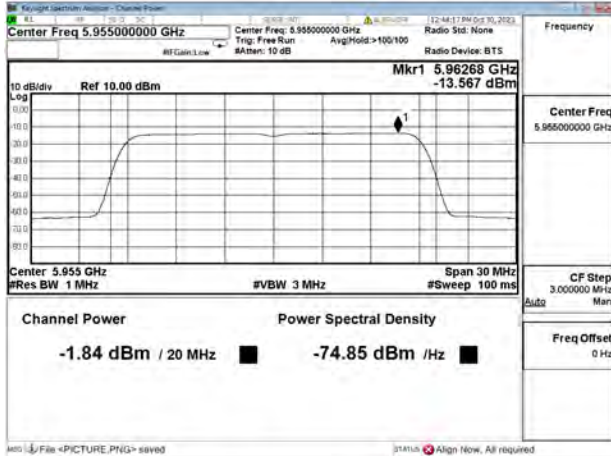
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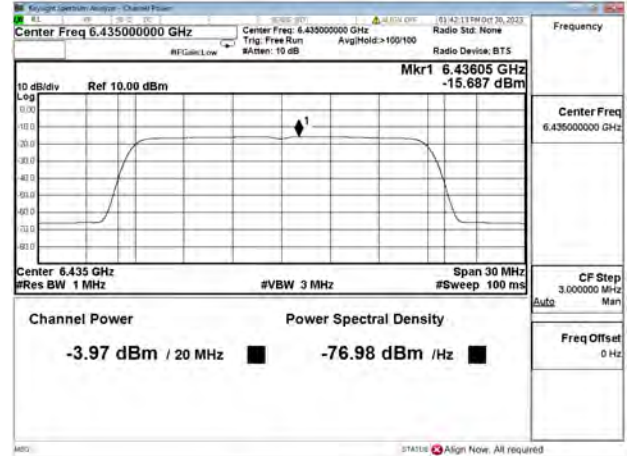
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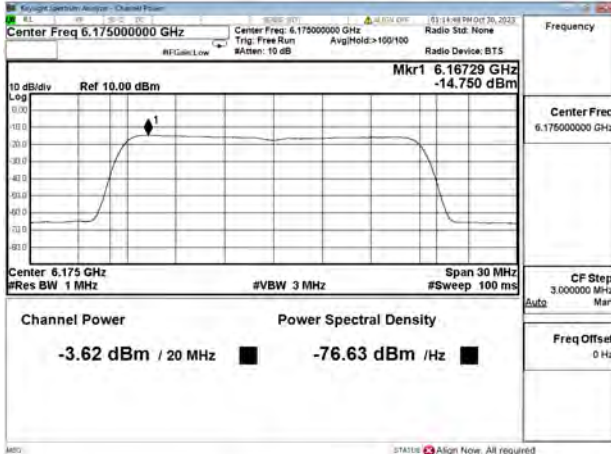
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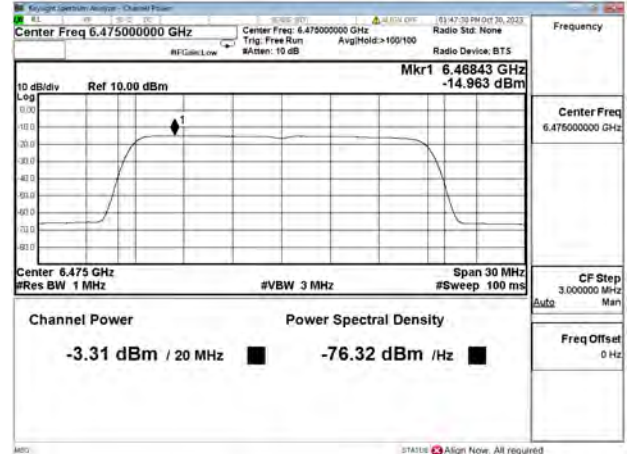
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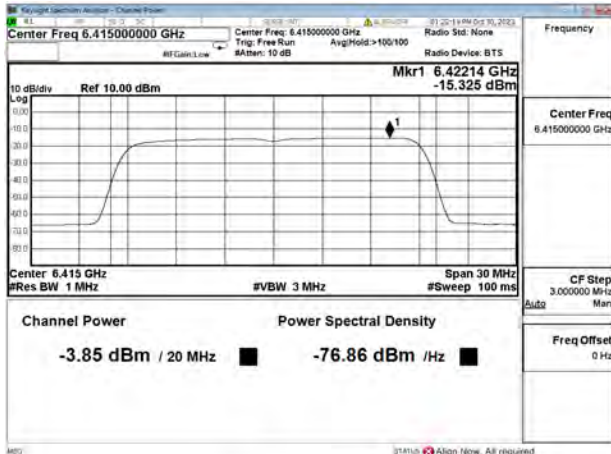
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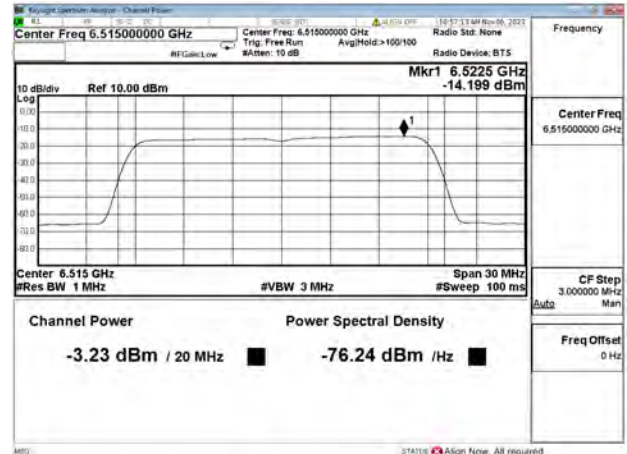
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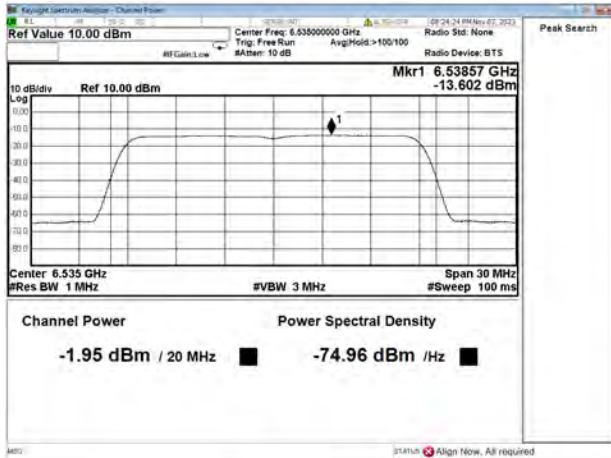


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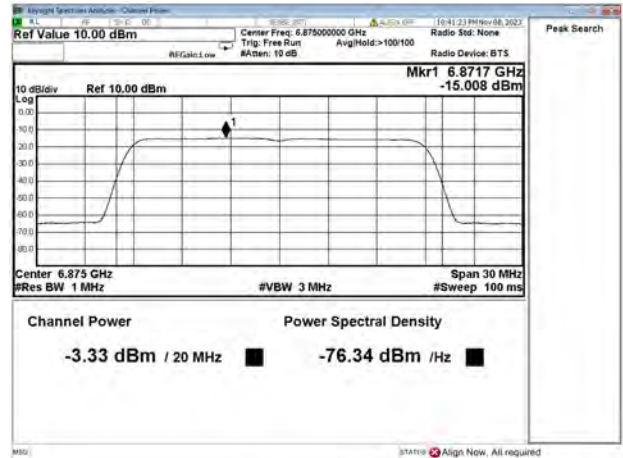
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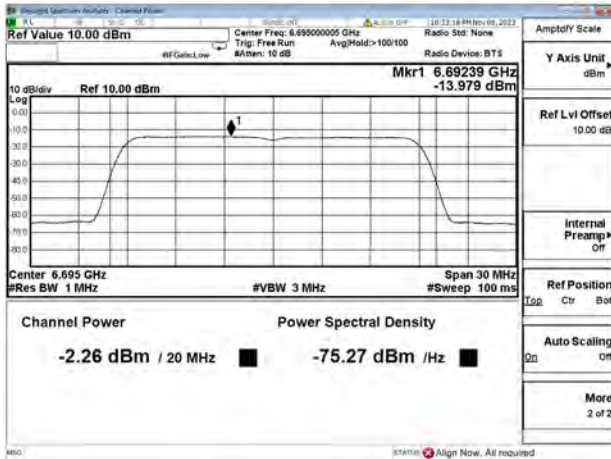
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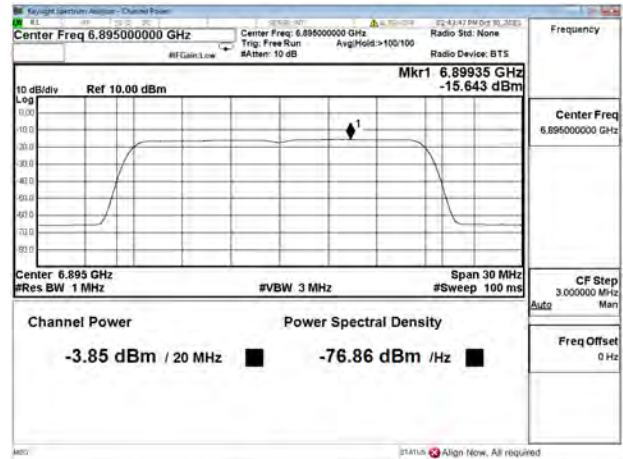
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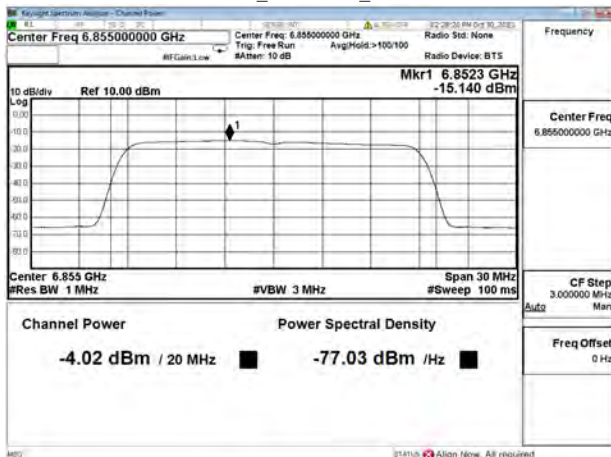
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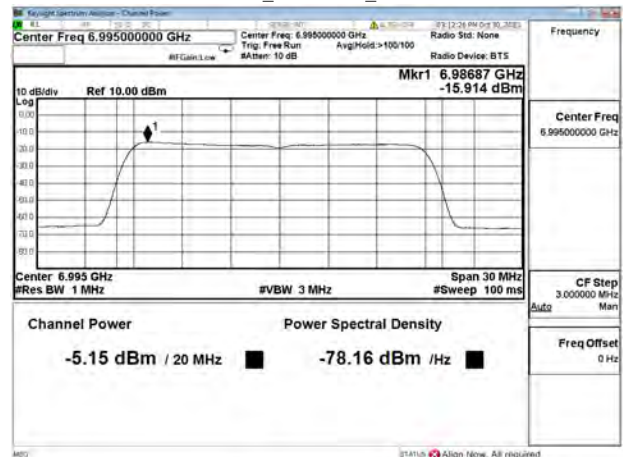
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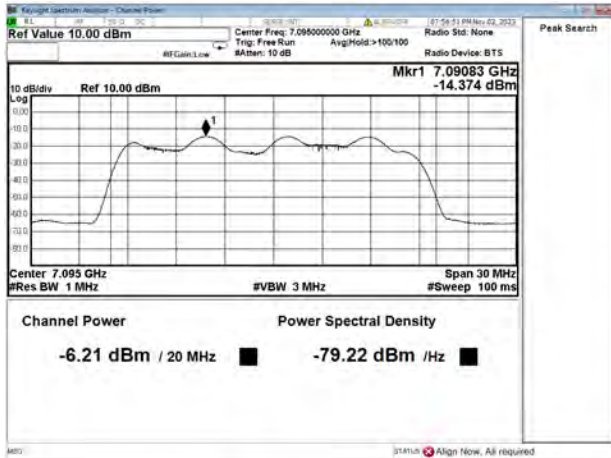


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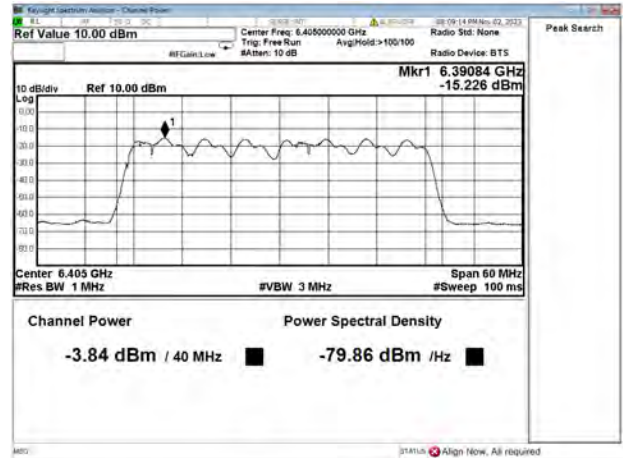
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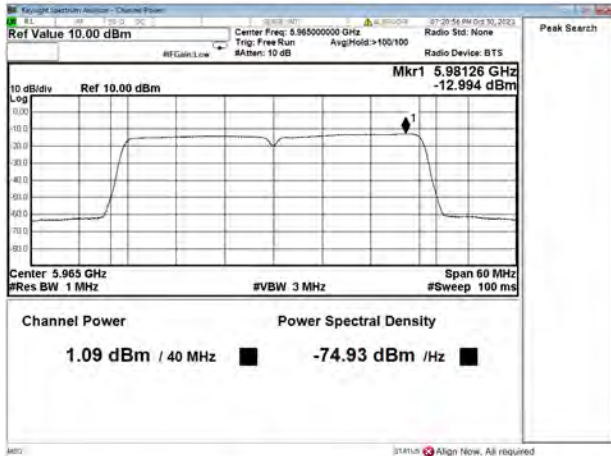
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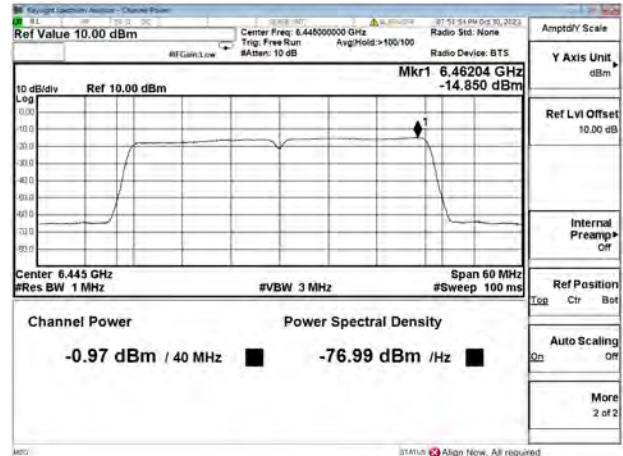
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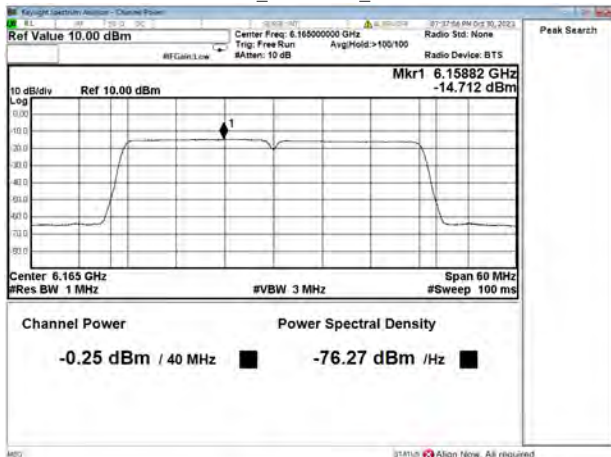
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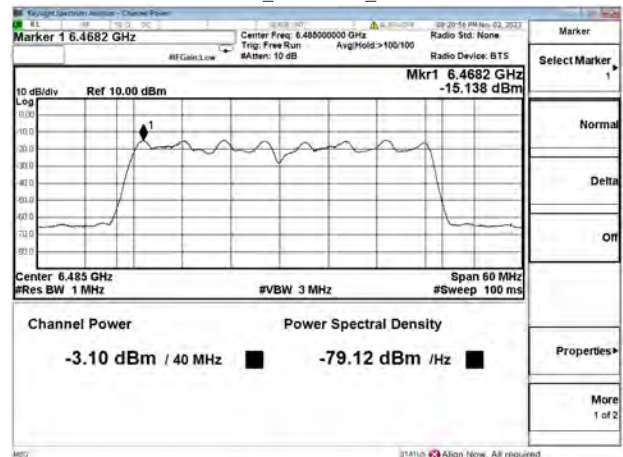
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Channel Power+PSD\_802.11n40\_802.11n40 6165MHz



Channel Power+PSD\_802.11n40\_802.11n40 6485MHz



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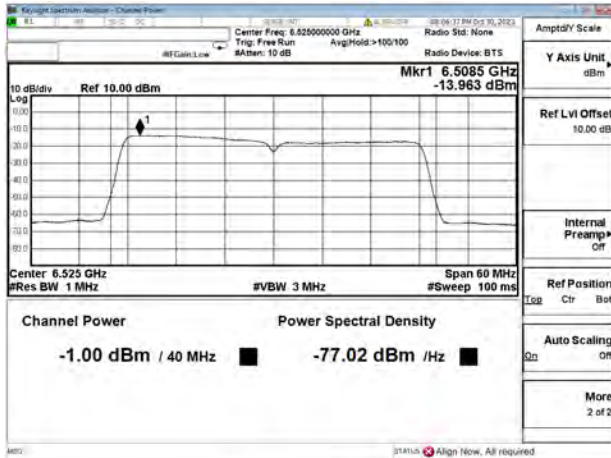
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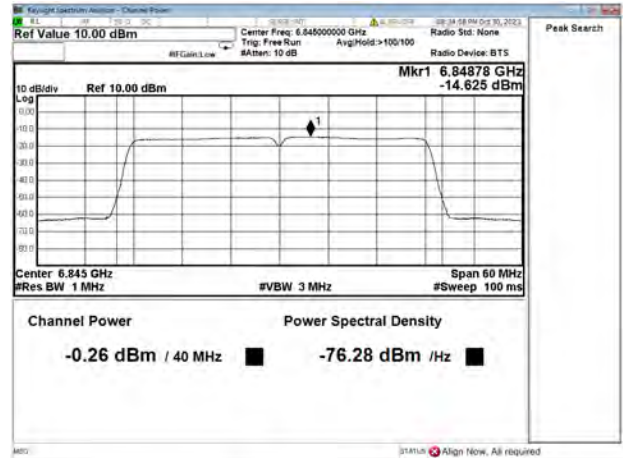
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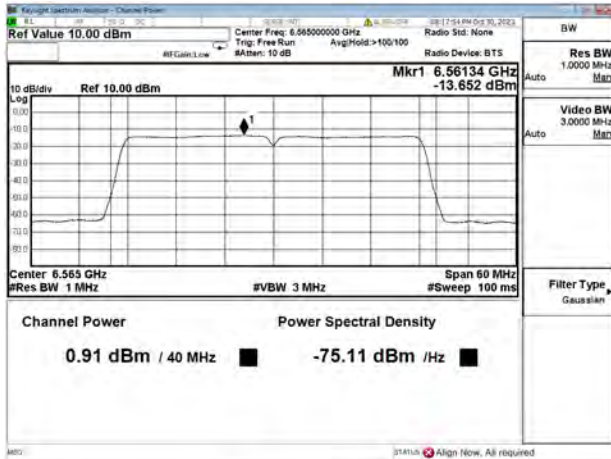
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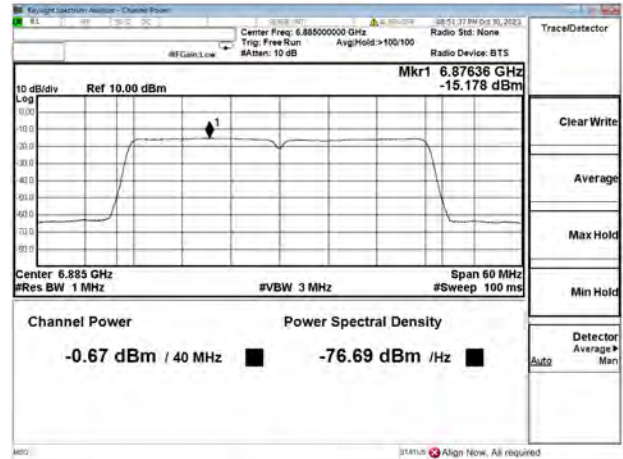
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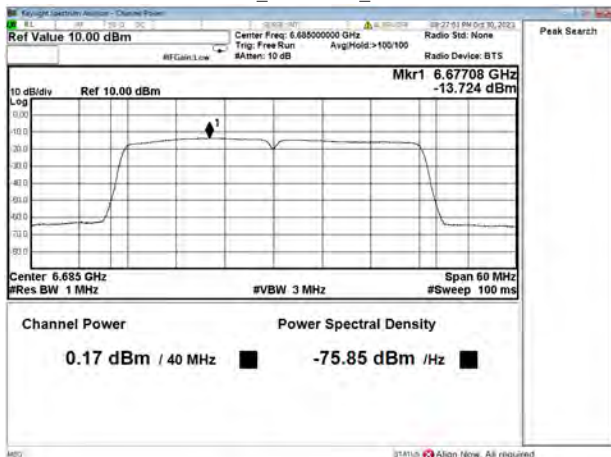
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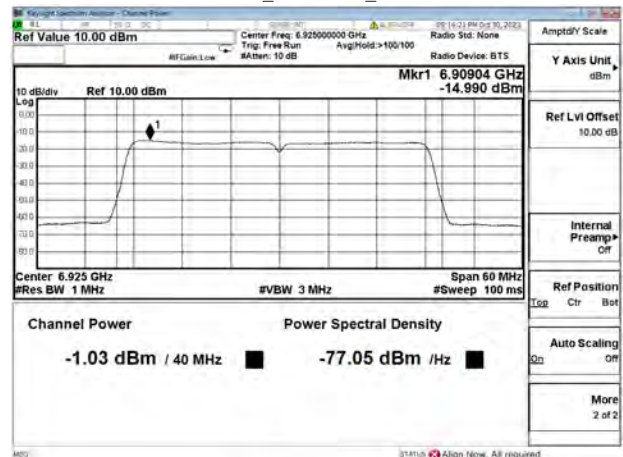
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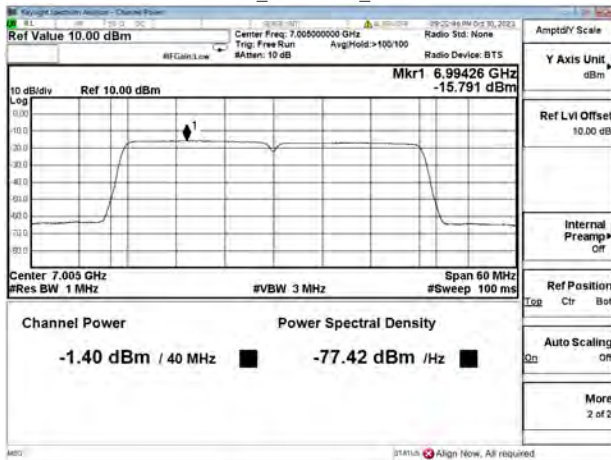


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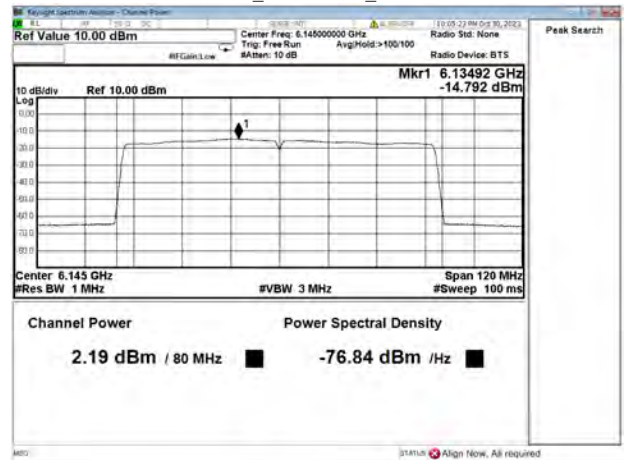
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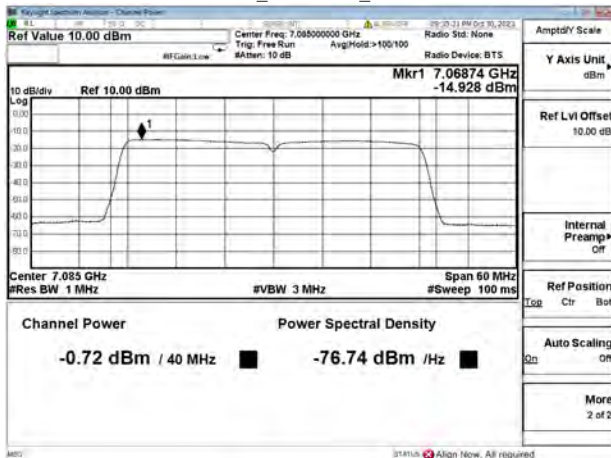
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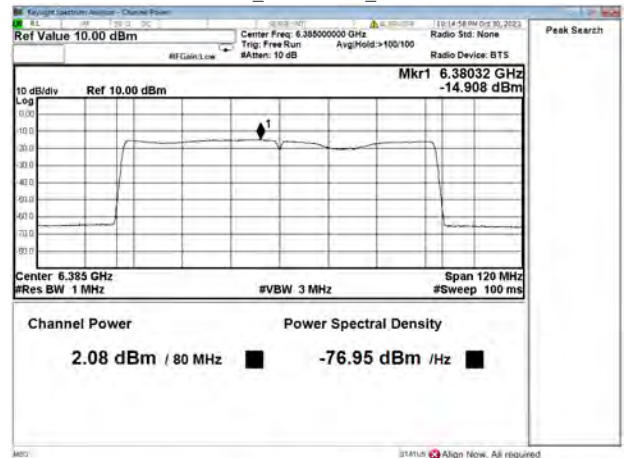
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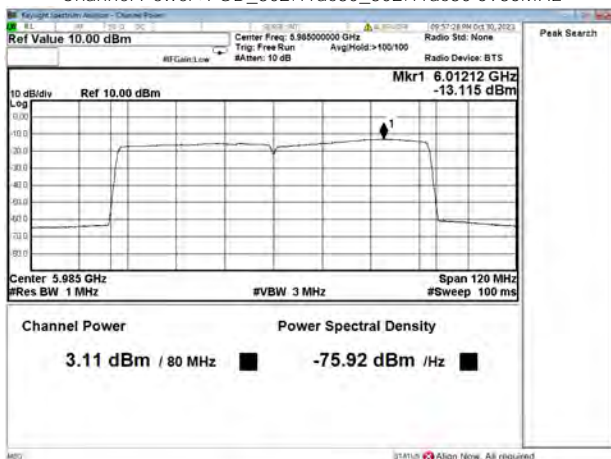
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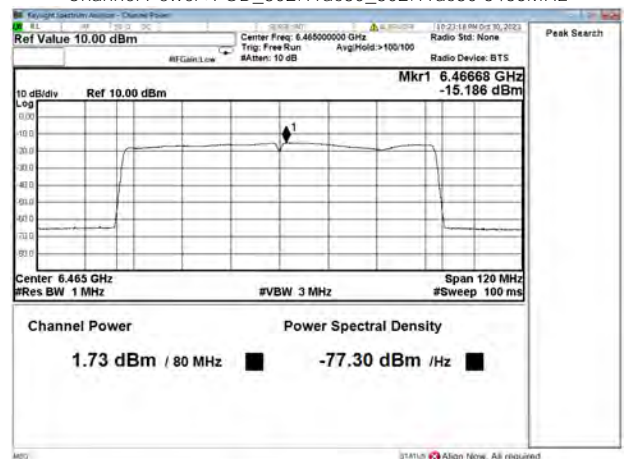
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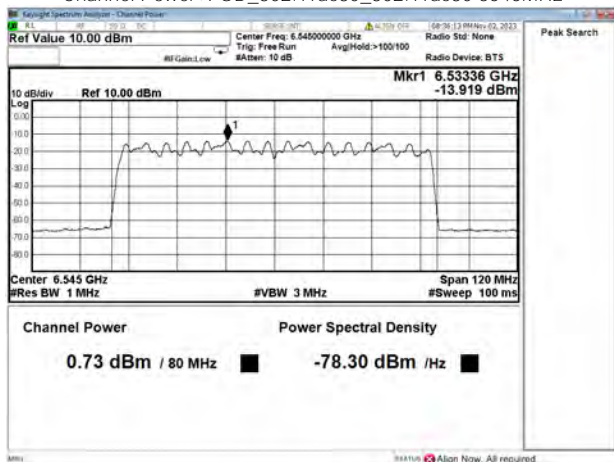
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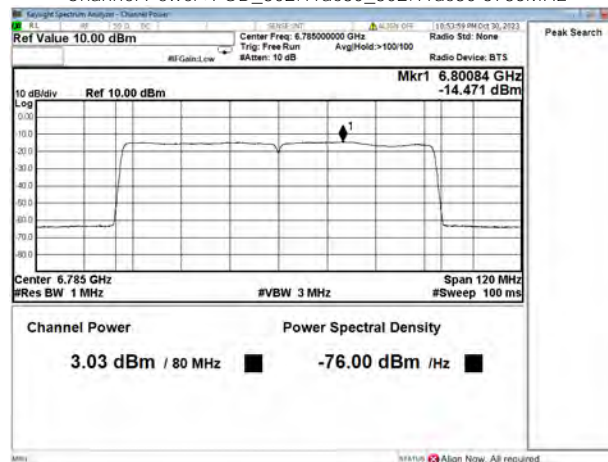
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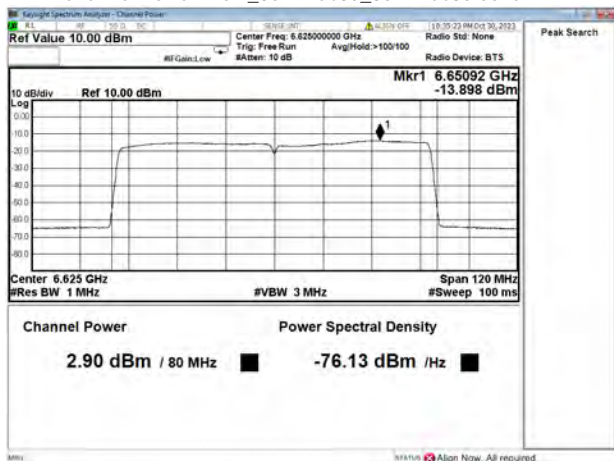
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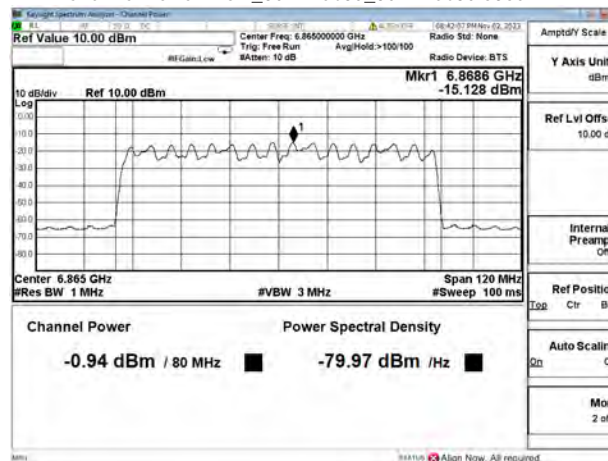
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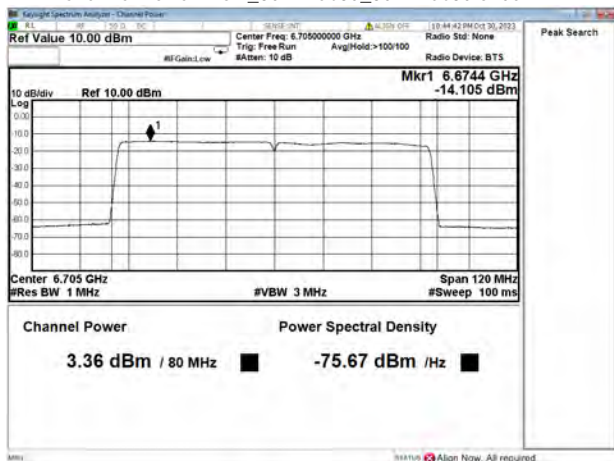
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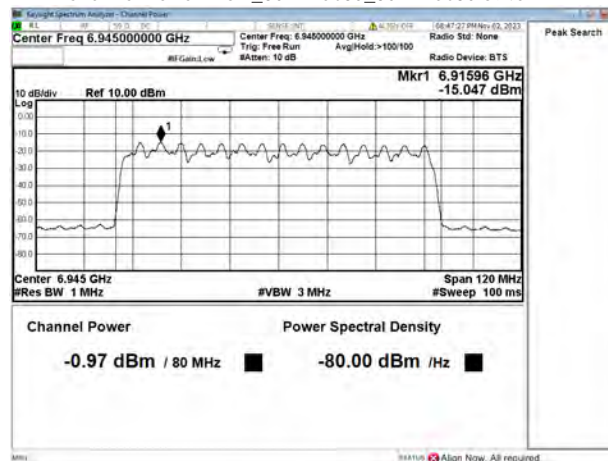
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Channel Power+PSD\_802.11ac80\_802.11ac80 6705MHz



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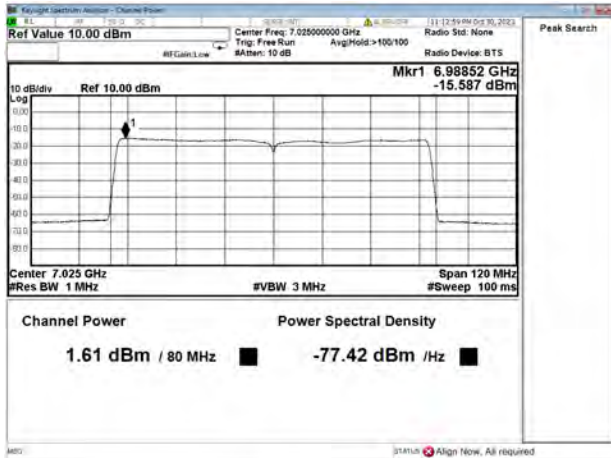


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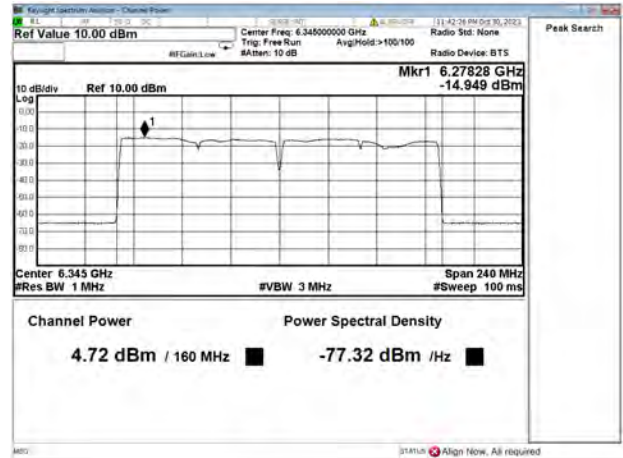
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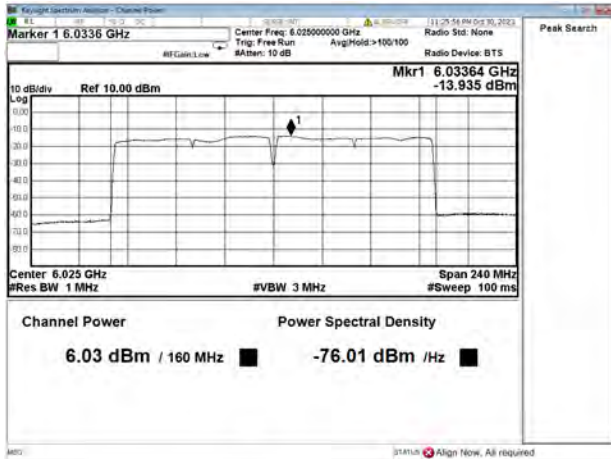
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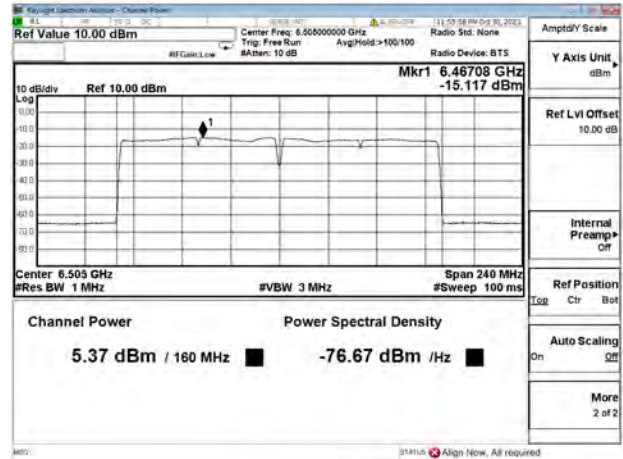
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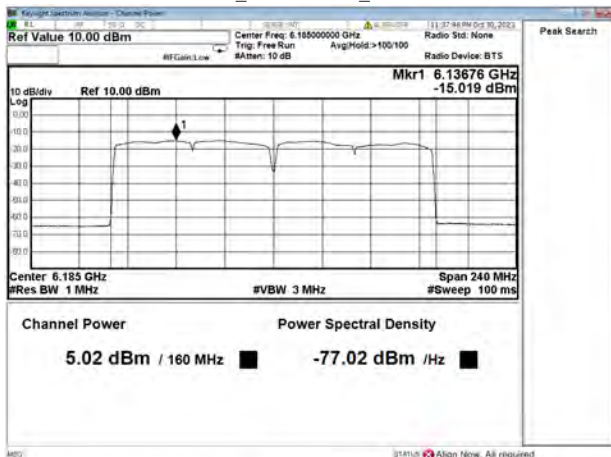
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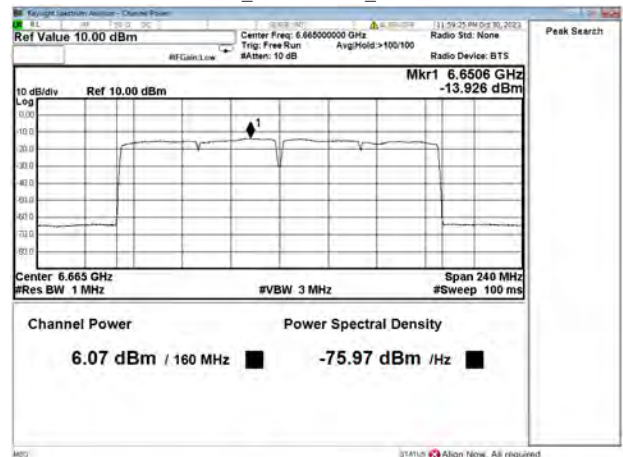
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Channel Power+PSD\_802.11ac160\_802.11ac160 6185MHz



Channel Power+PSD\_802.11ac160\_802.11ac160 6665MHz



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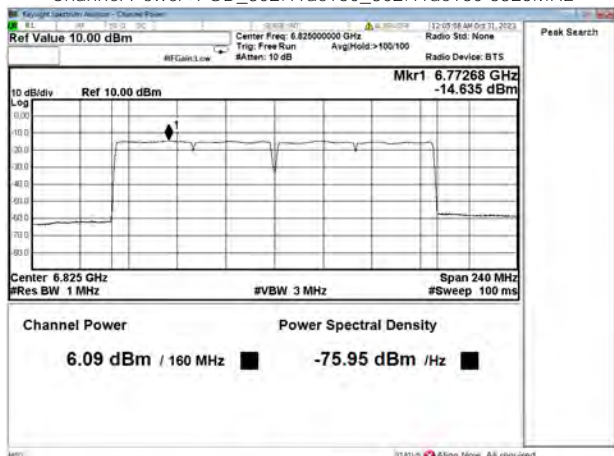
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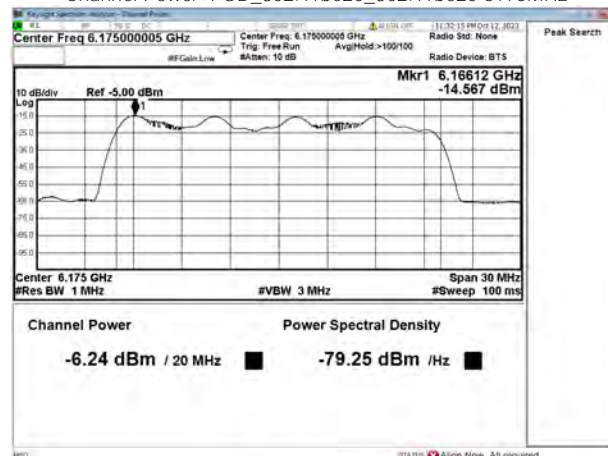
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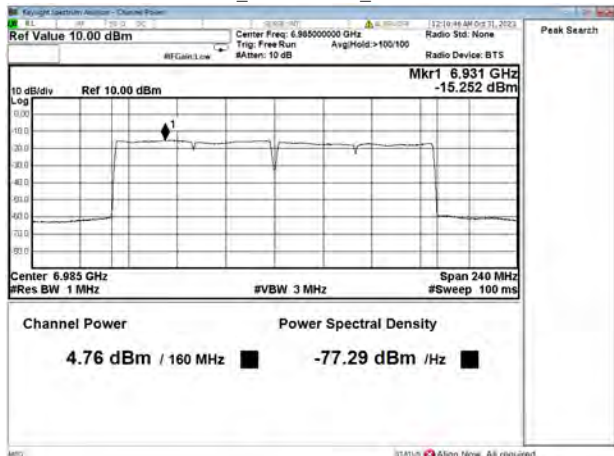
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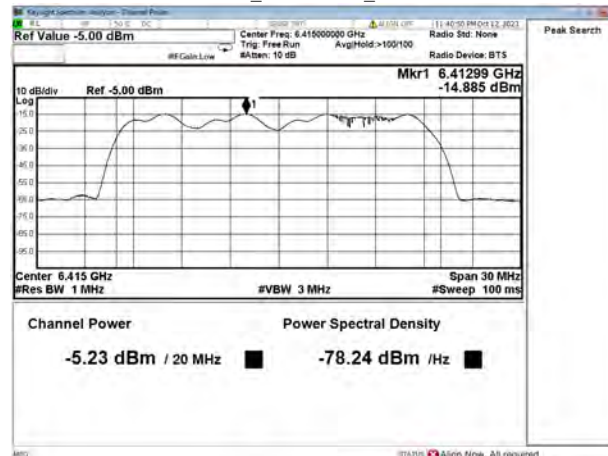
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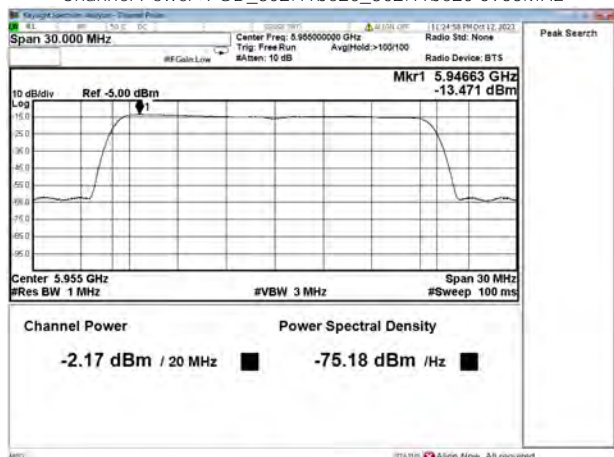
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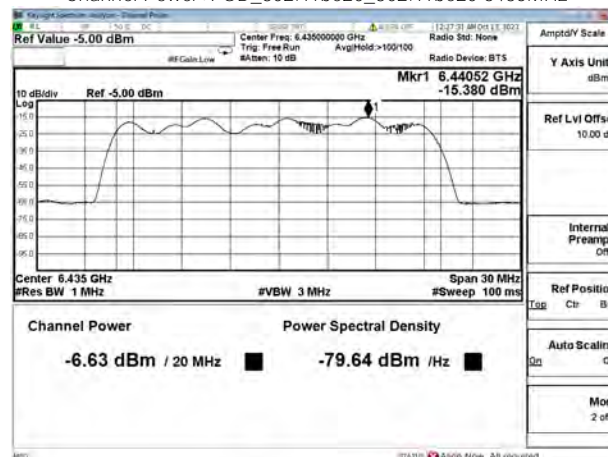
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Channel Power+PSD\_802.11be20\_802.11be20 5955MHz



Channel Power+PSD\_802.11be20\_802.11be20 6435MHz



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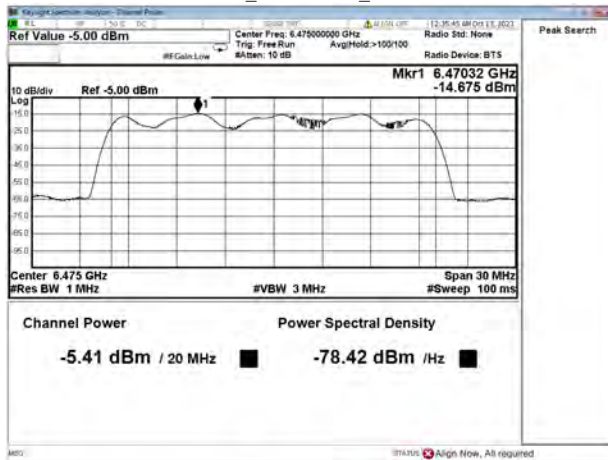
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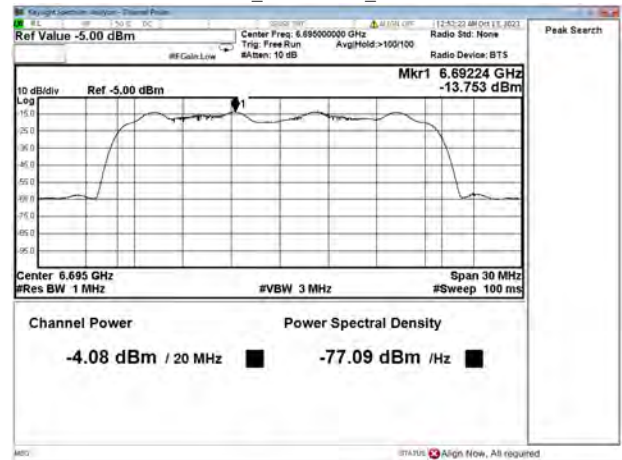
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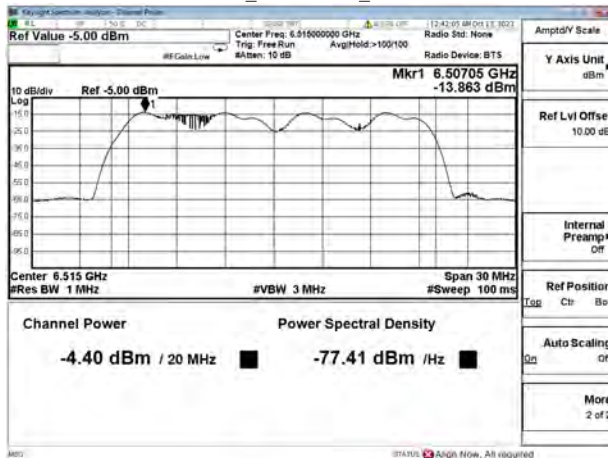
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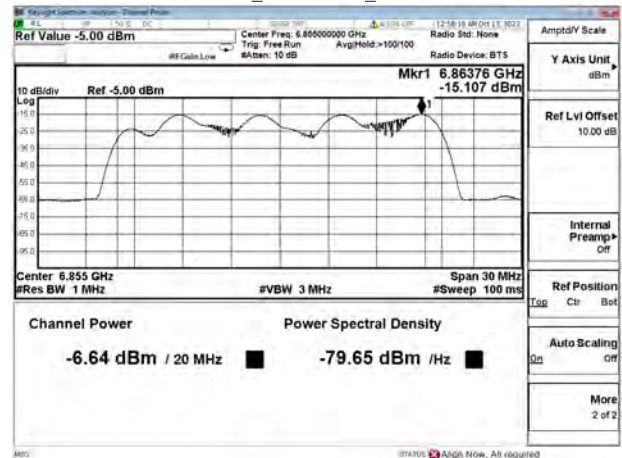
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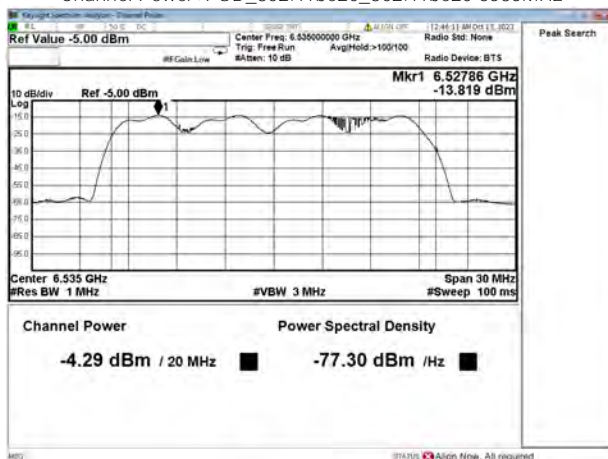
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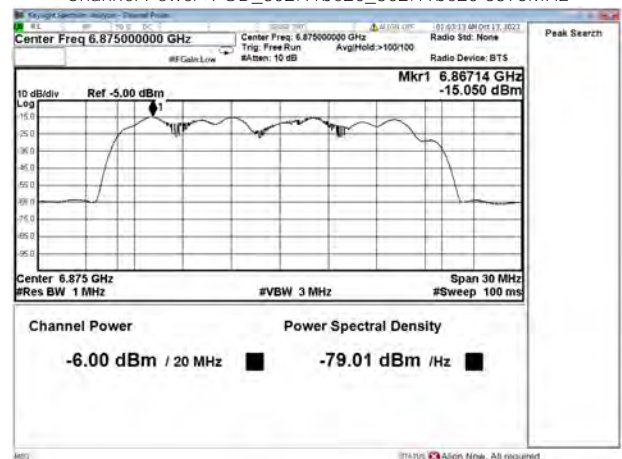
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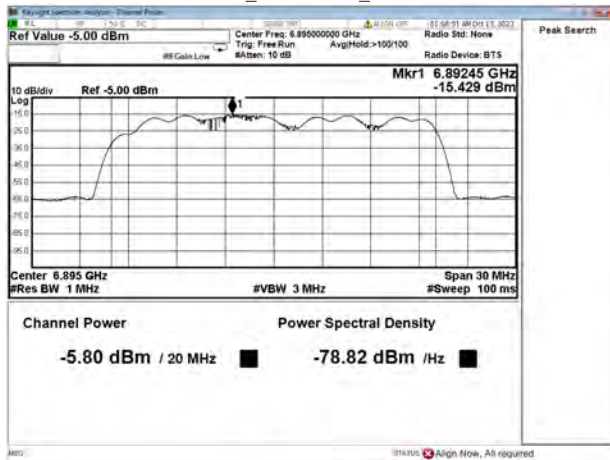


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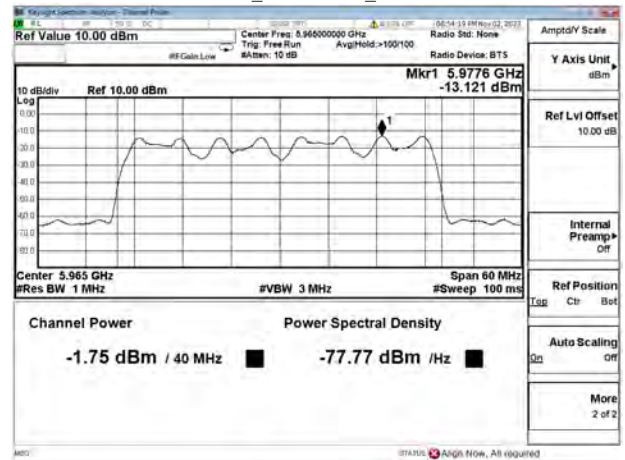
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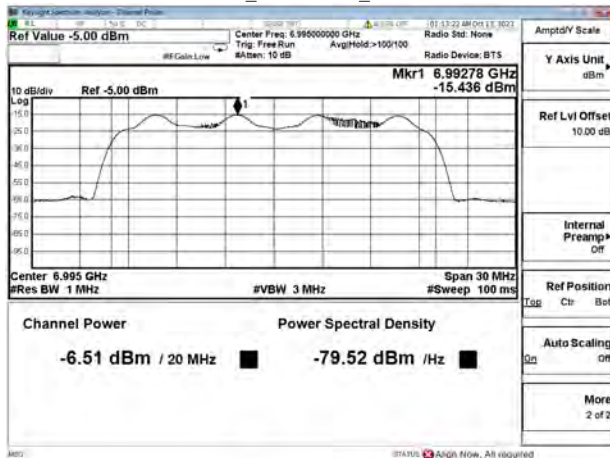
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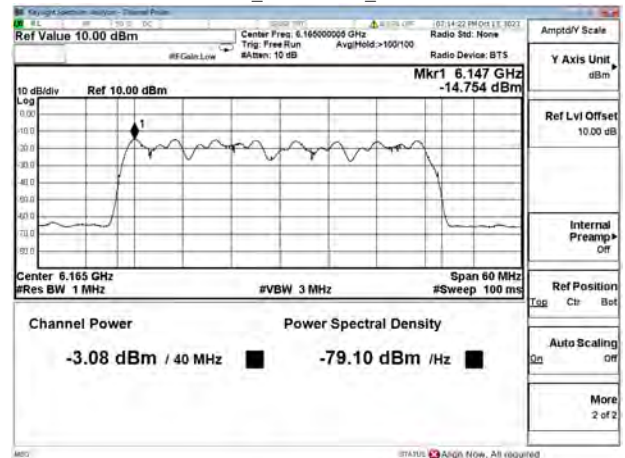
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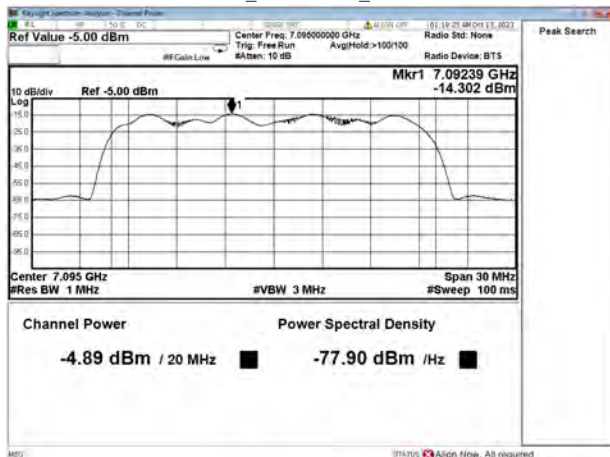
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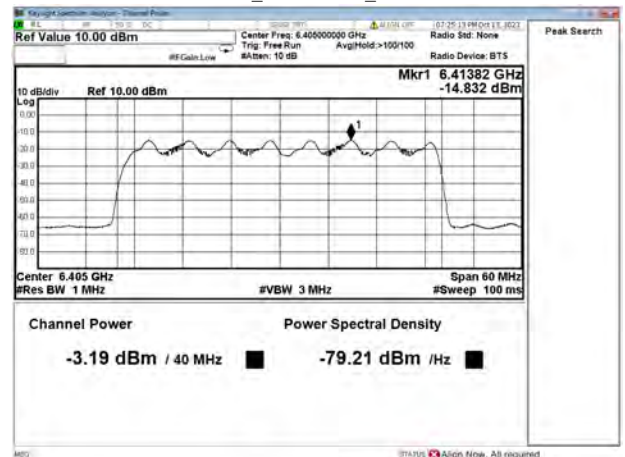
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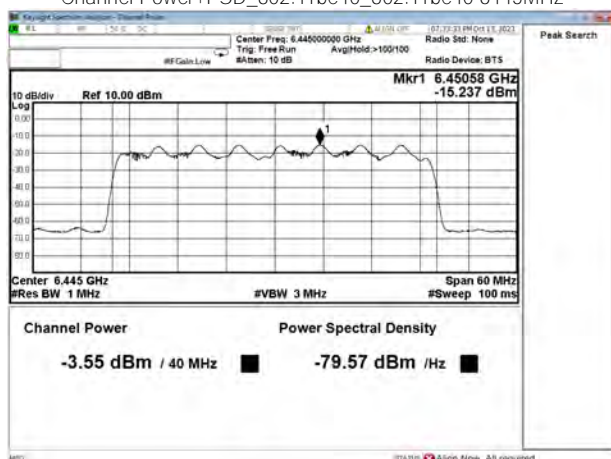
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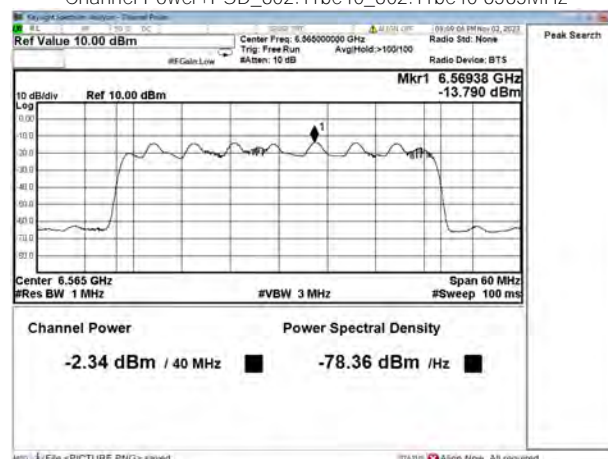
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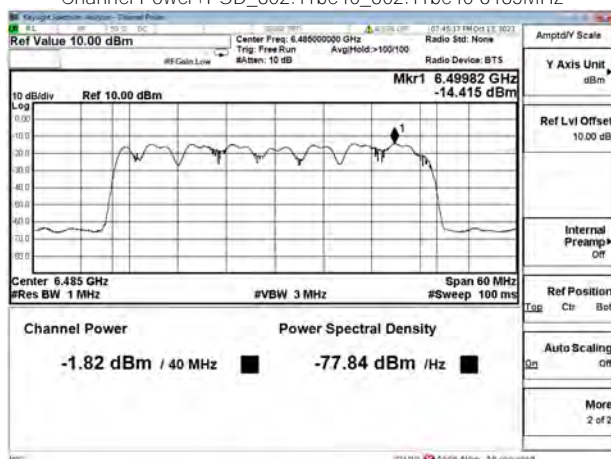
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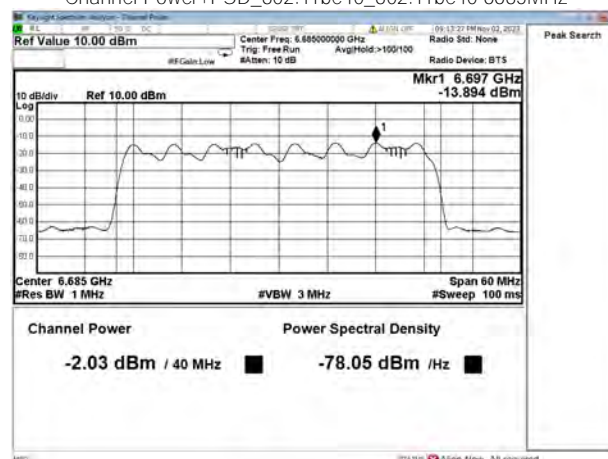
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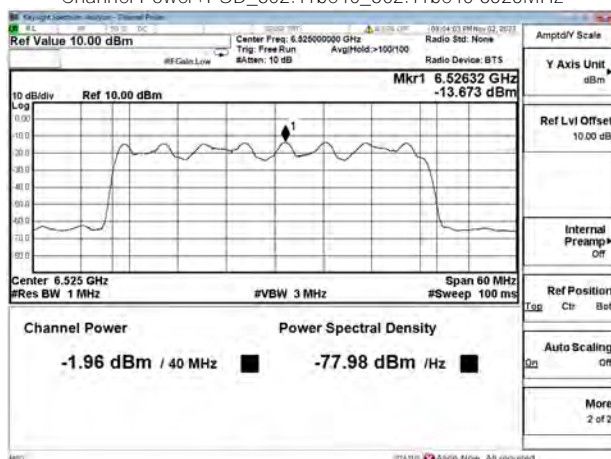
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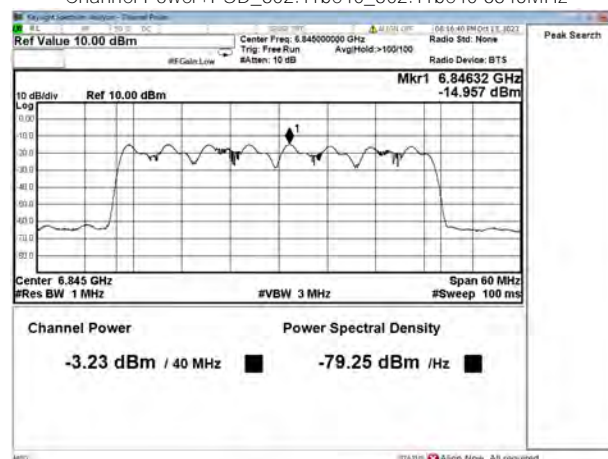
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Channel Power+PSD\_802.11be40\_802.11be40 6525MHz



Channel Power+PSD\_802.11be40\_802.11be40 6845MHz



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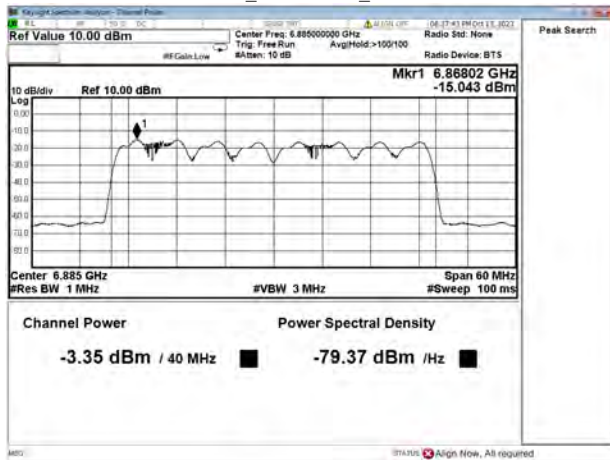
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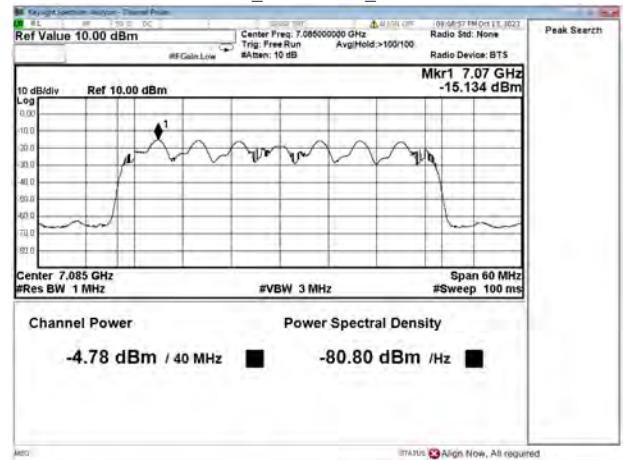
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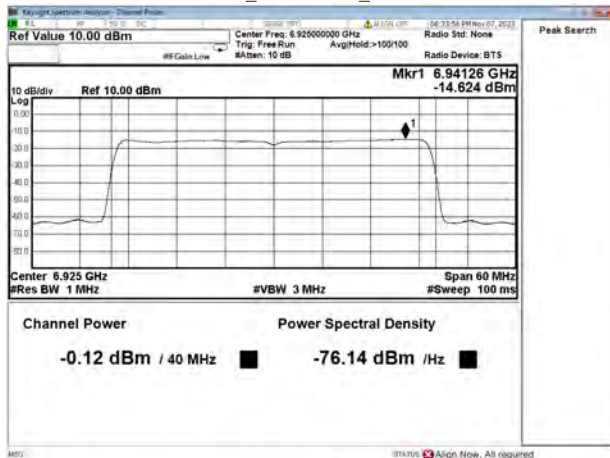
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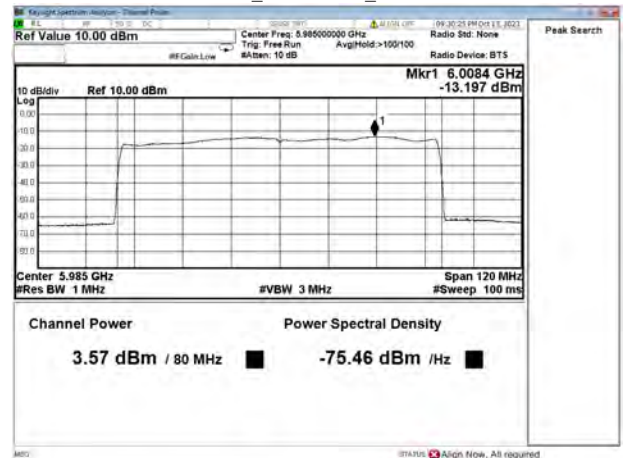
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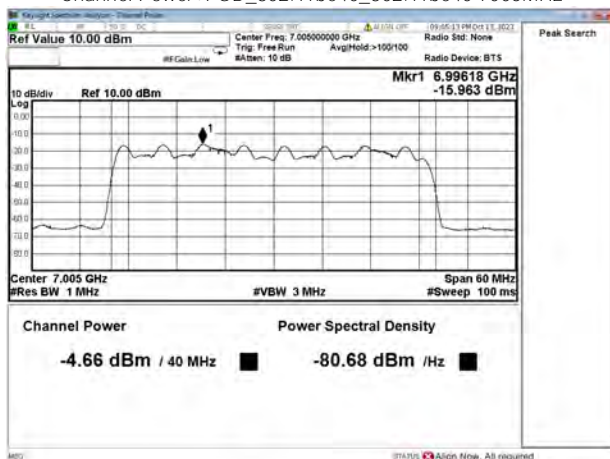
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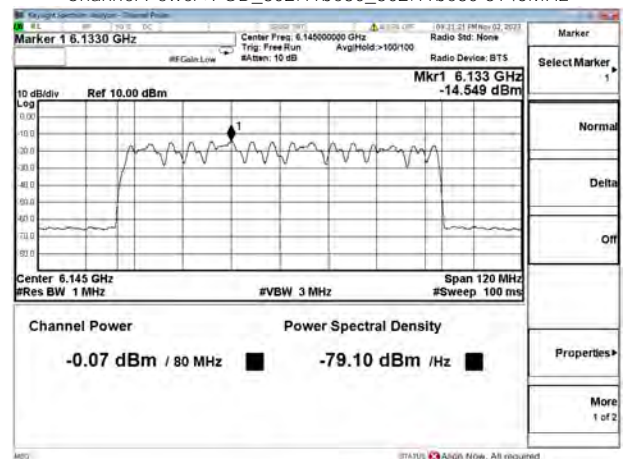
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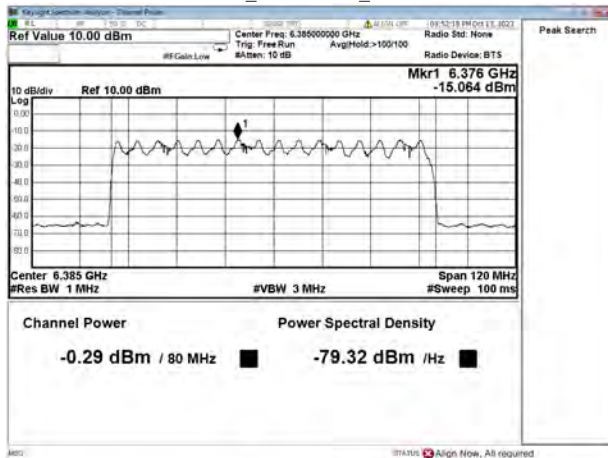


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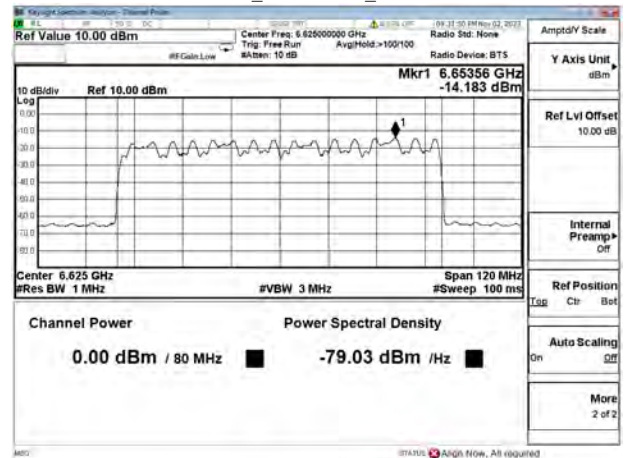
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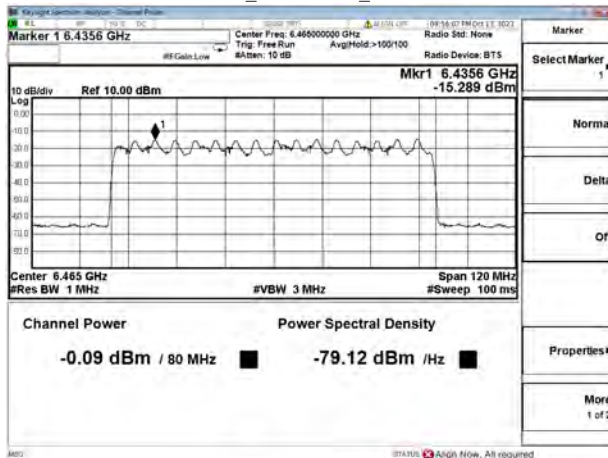
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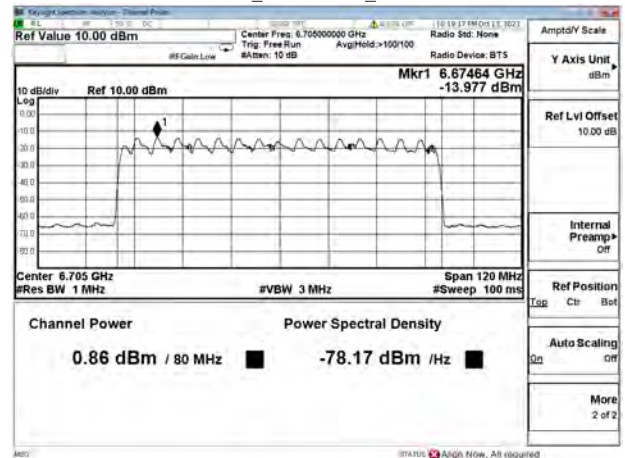
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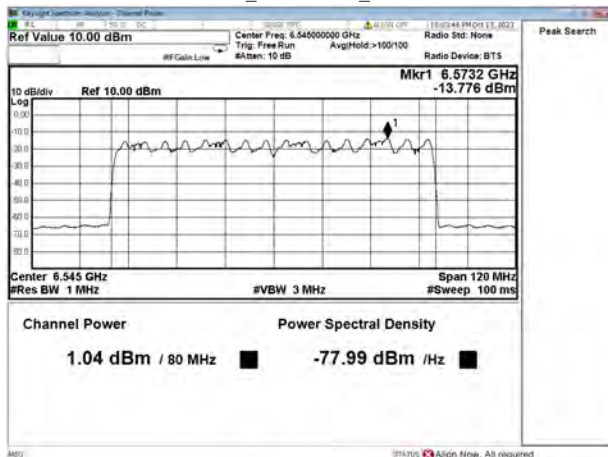
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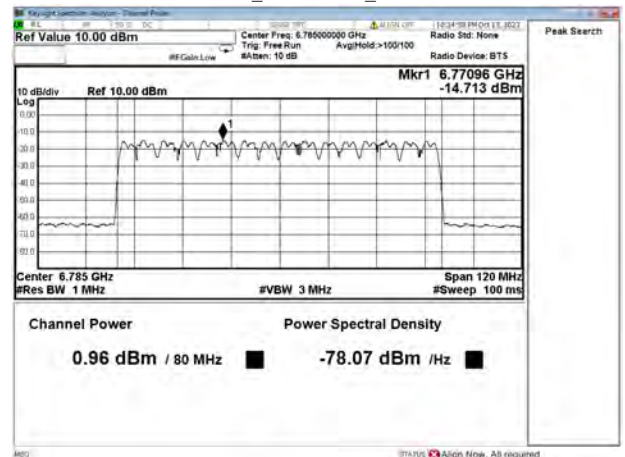
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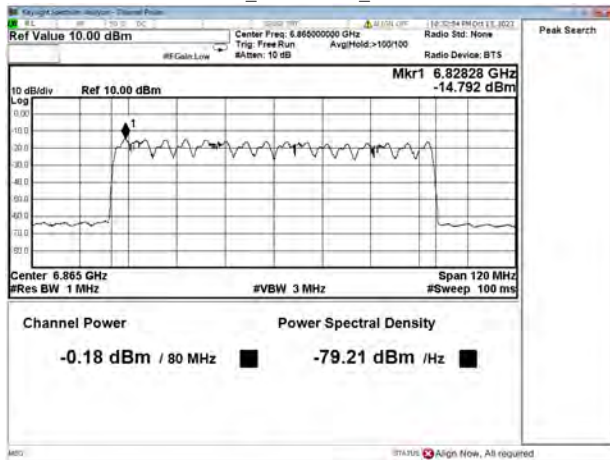
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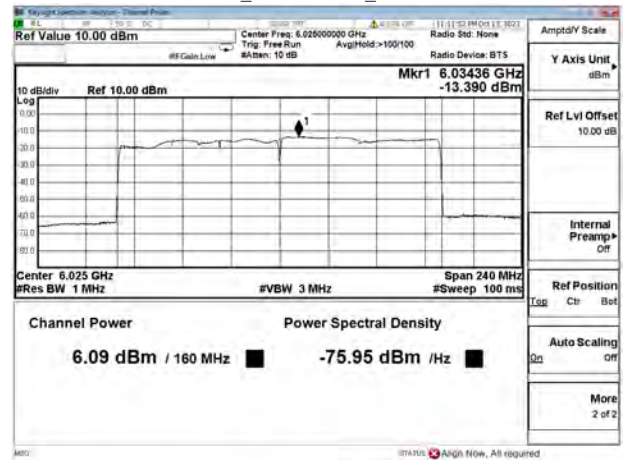
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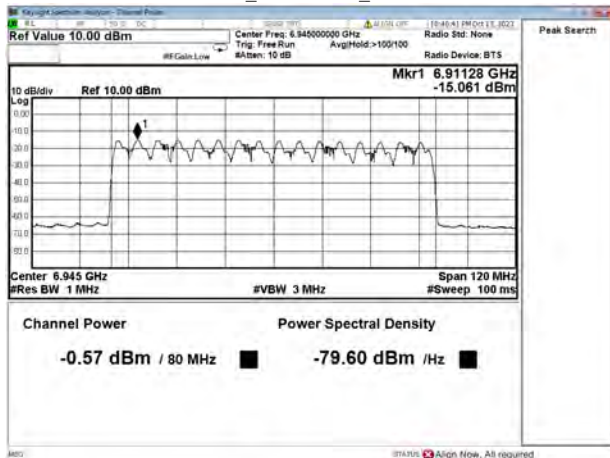
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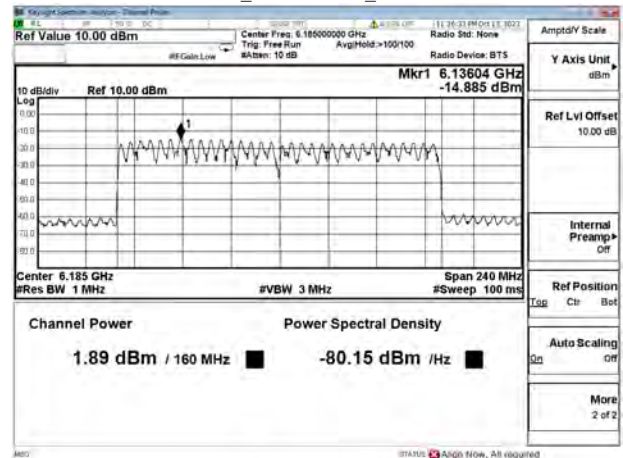
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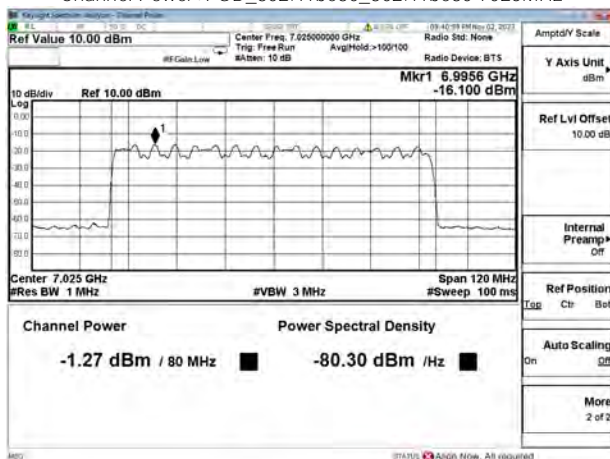
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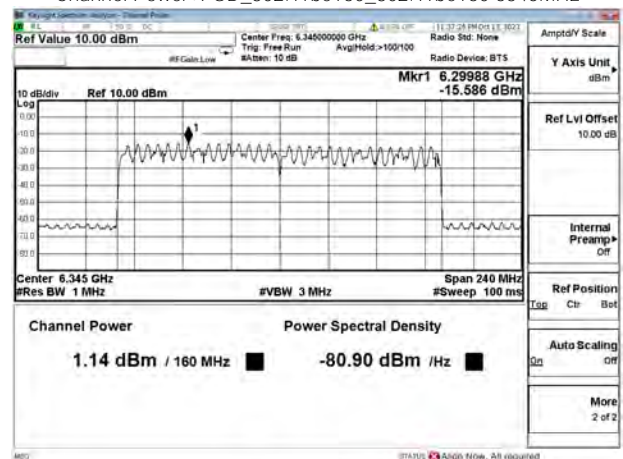
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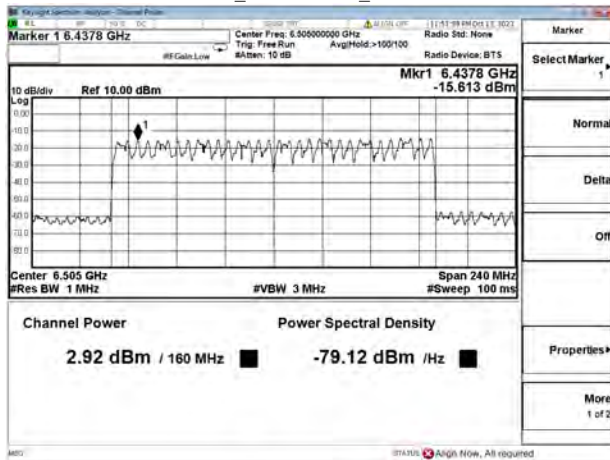
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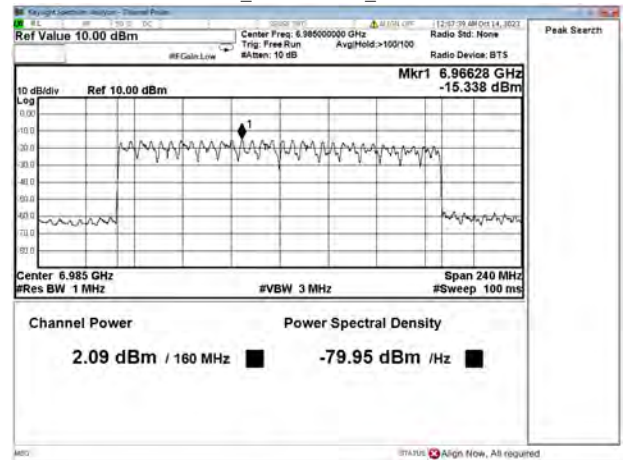
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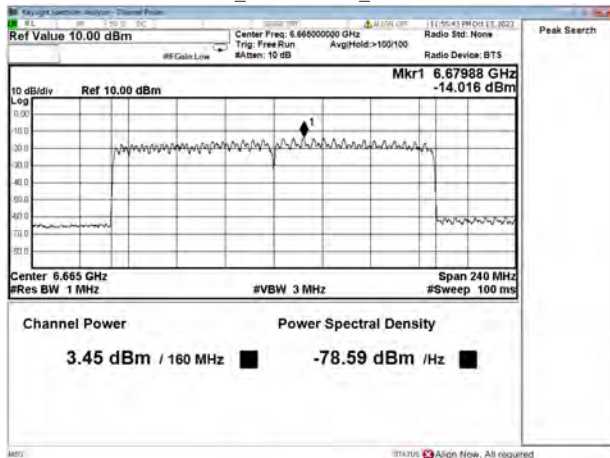
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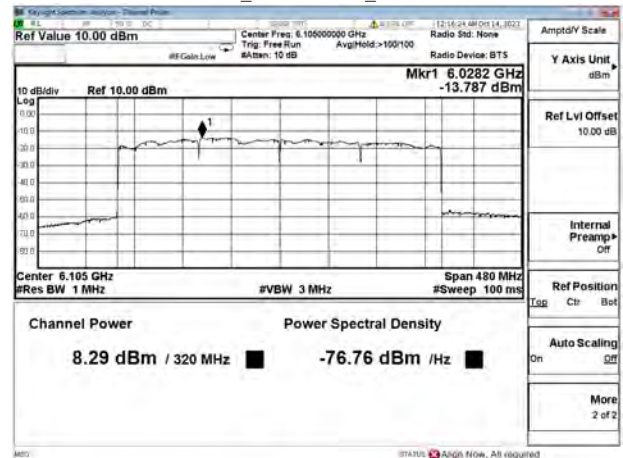
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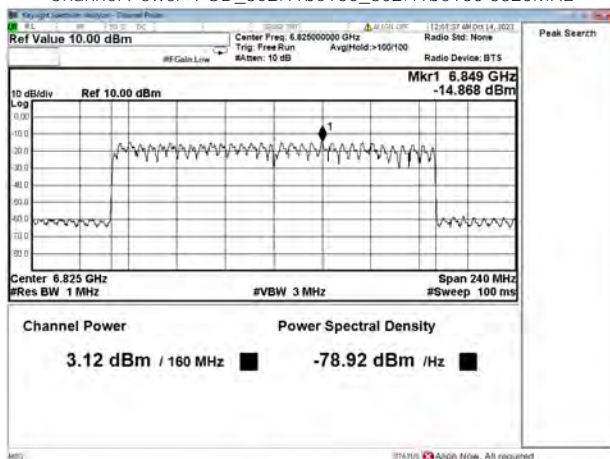
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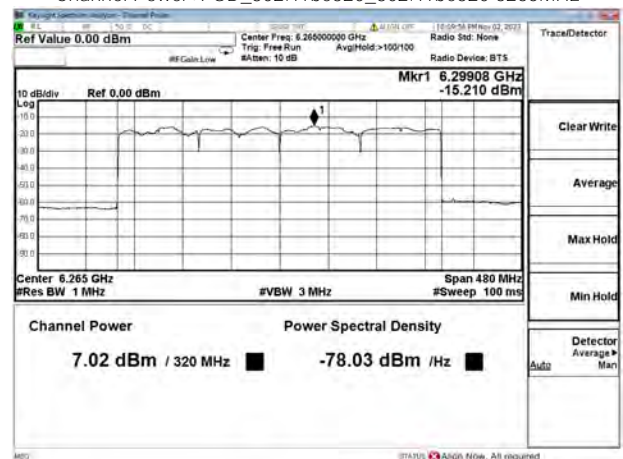
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Channel Power+PSD\_802.11be160\_802.11be160 6825MHz



Channel Power+PSD\_802.11be320\_802.11be320 6265MHz



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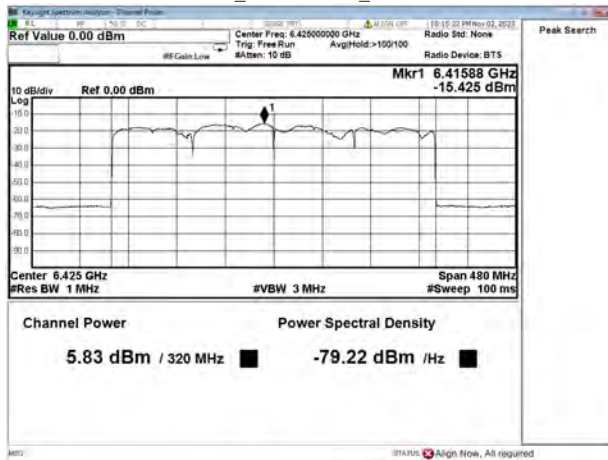
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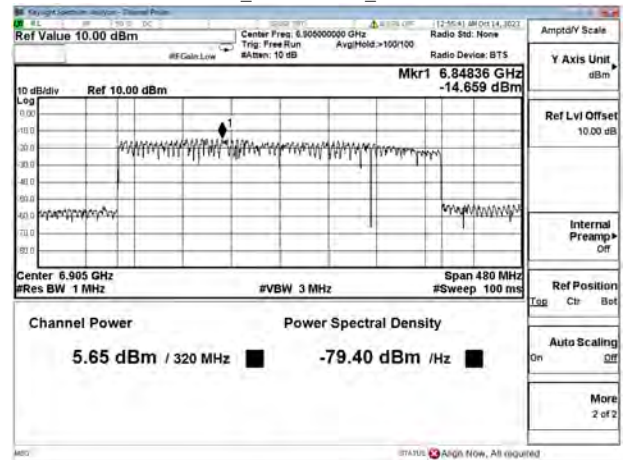
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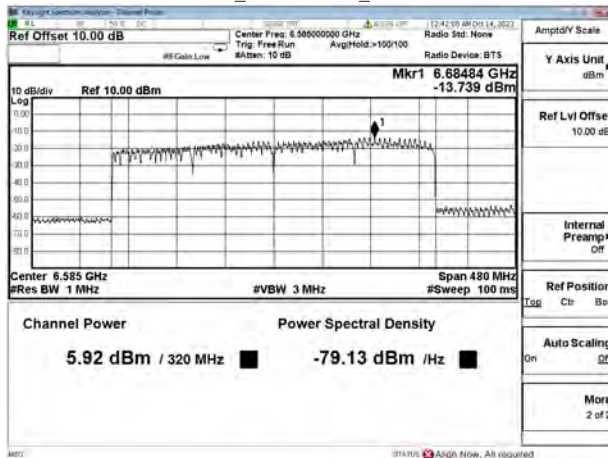
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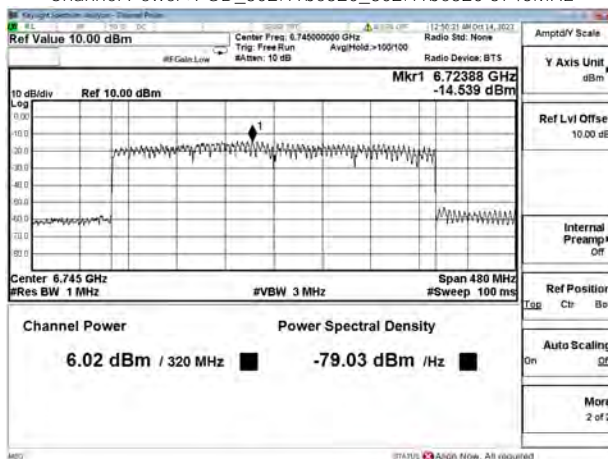
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Channel Power+PSD\_802.11be320\_802.11be320 6745MHz



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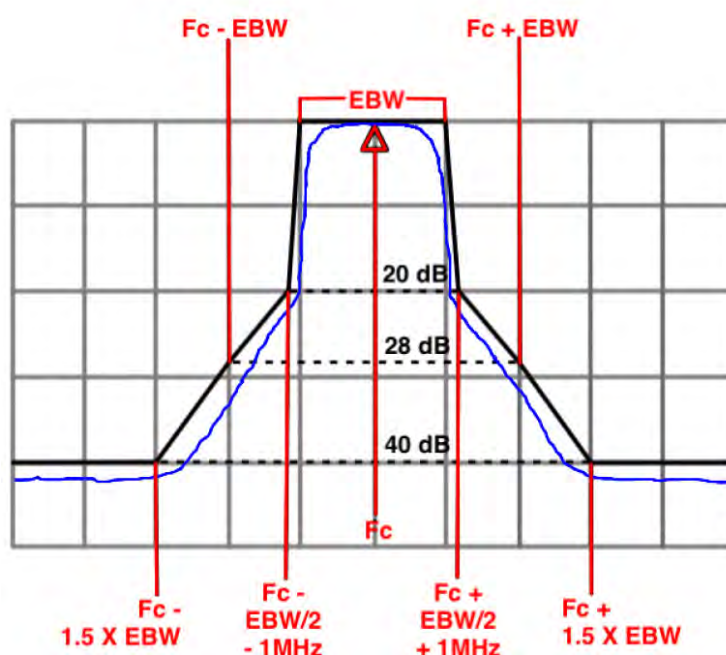
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## 11 IN-BAND EMISSION

### 11.1 Standard Applicable

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

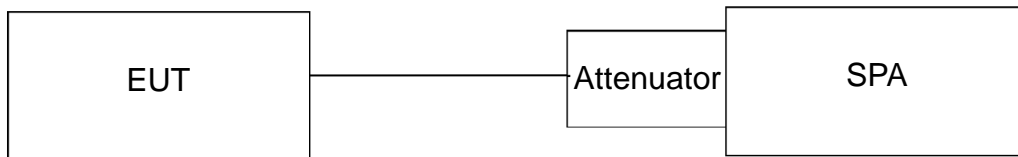


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## 11.1 Test Setup



## 11.2 Measurement Procedure

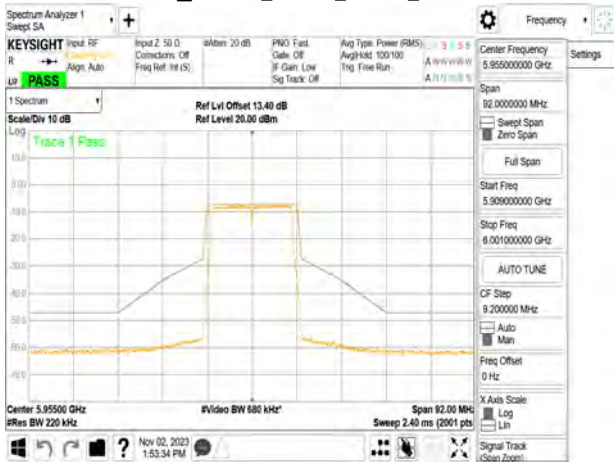
1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 987594 D02 In-Band Emissions procedure:
  - a. Set the span to encompass the entire 26 dB EBW of the signal
  - b. Set RBW = same RBW used for 26 dB EBW measurement
  - c. Set VBW  $\geq 3 \times$  RBW
  - d. Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - e. Sweep time = auto.
  - f. Detector = RMS
  - g. Trace average at least 100 traces in power averaging (rms) mode
  - h. Use the peak search function on the instrument to find the peak of the spectrum.
3. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.

## 11.3 Measurement Result

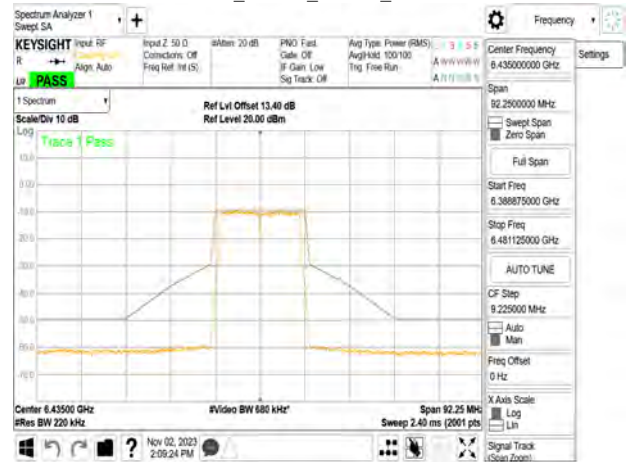
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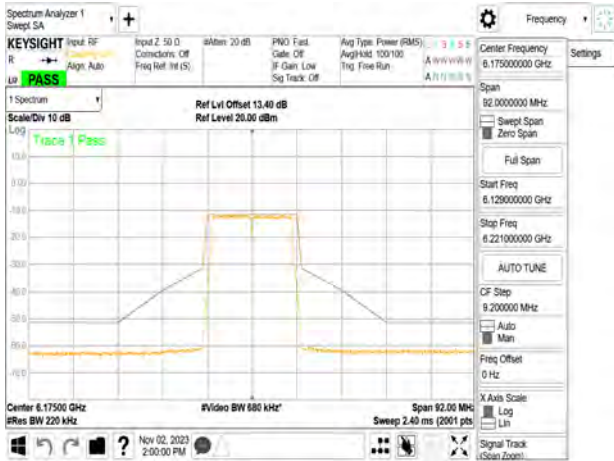
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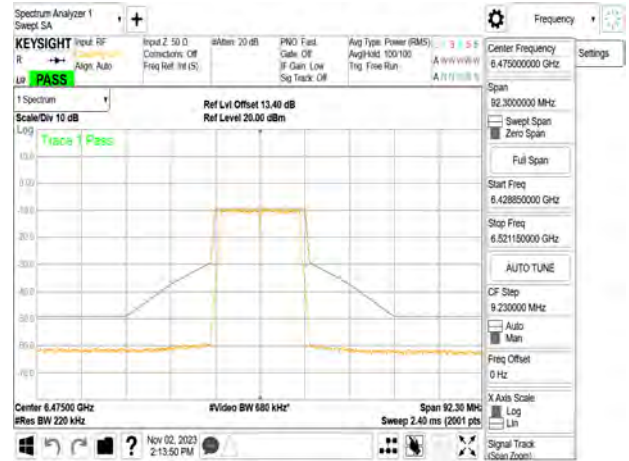
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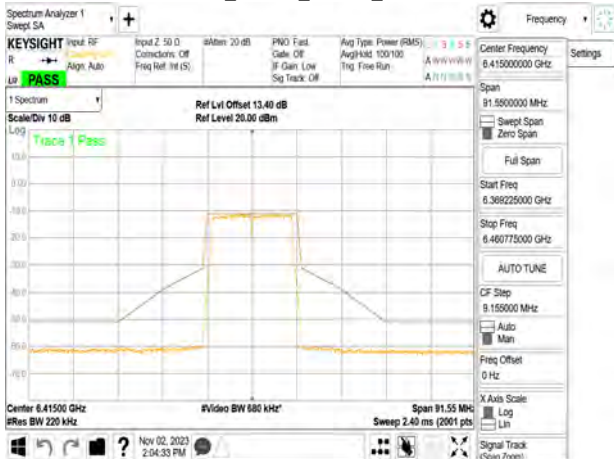
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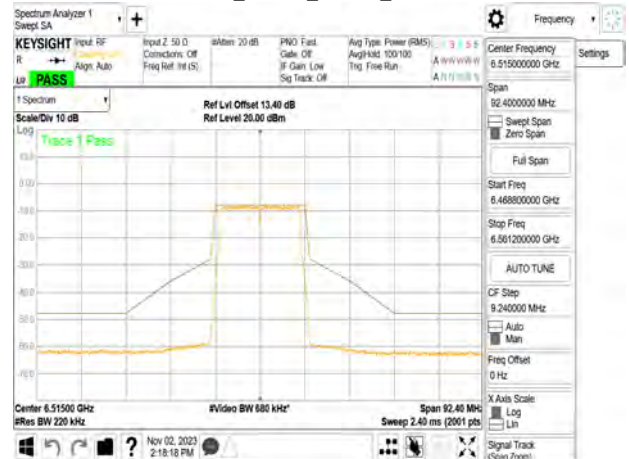
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802.11a\_20MHz\_Chain0\_6415MHz



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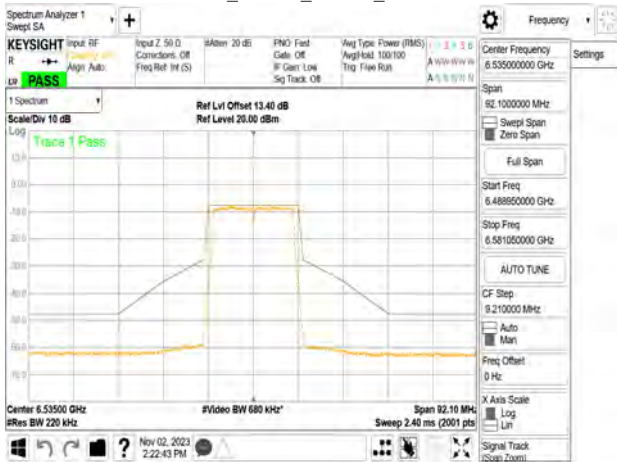


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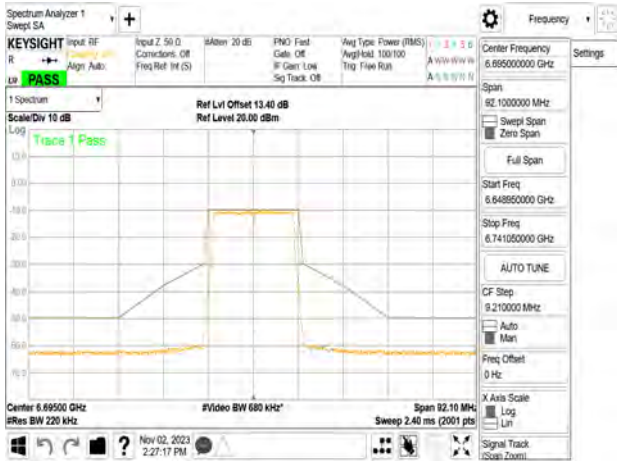
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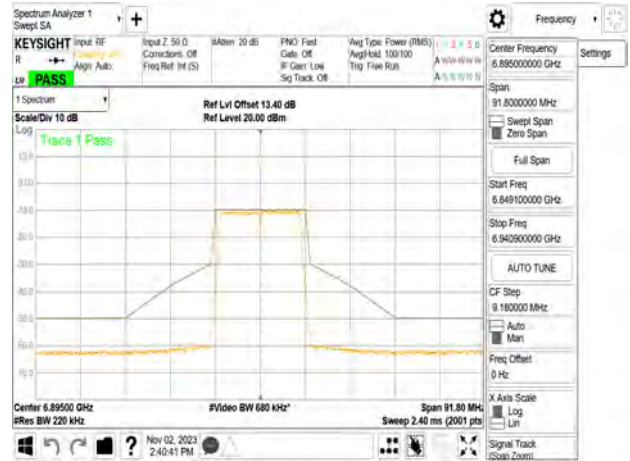
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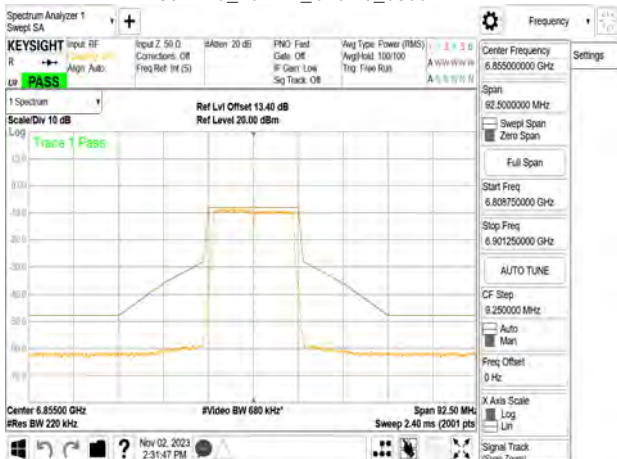
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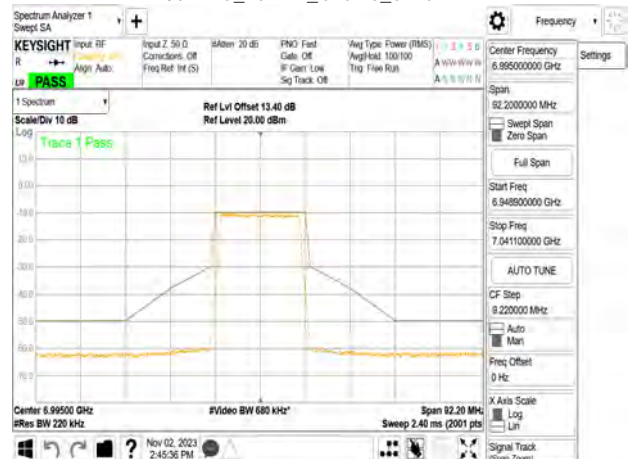
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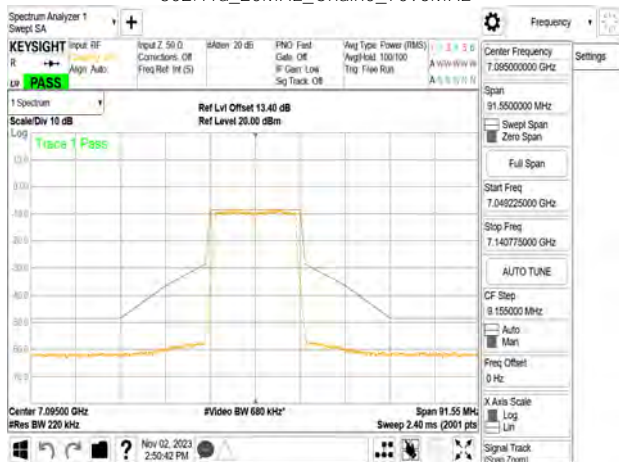
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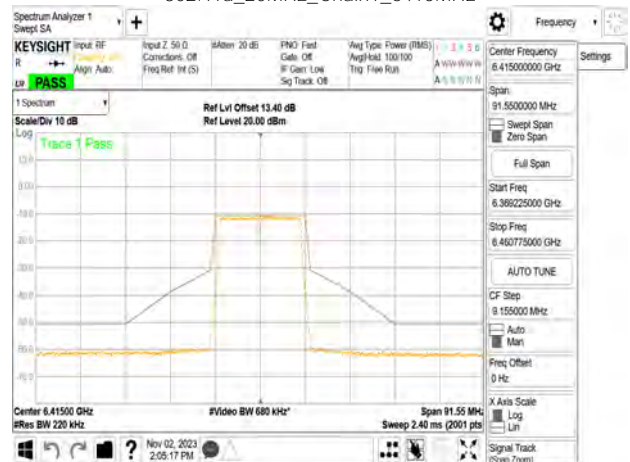
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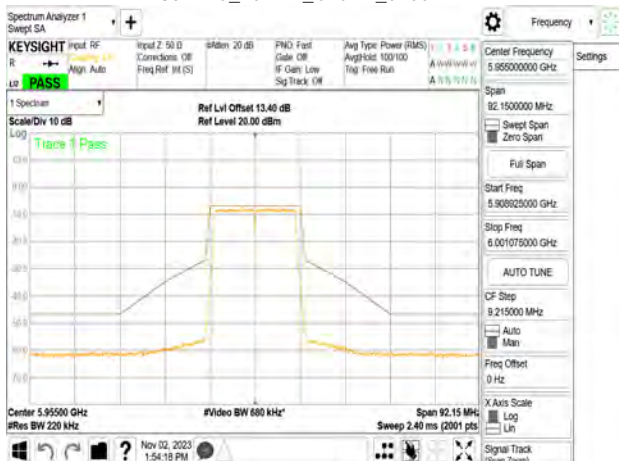
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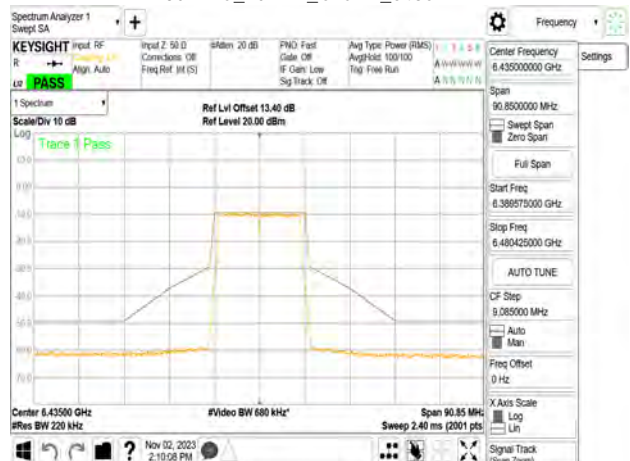
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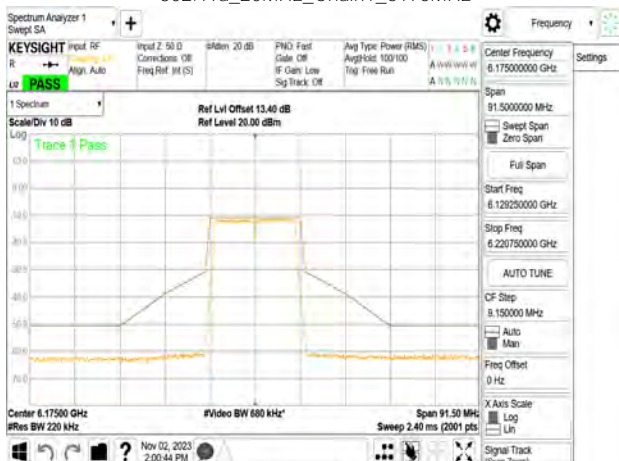
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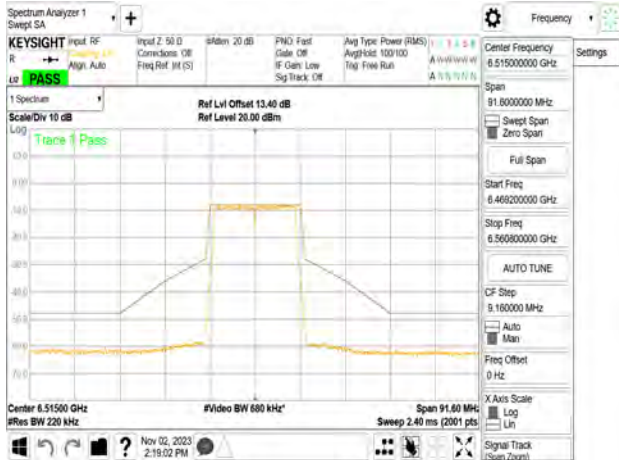


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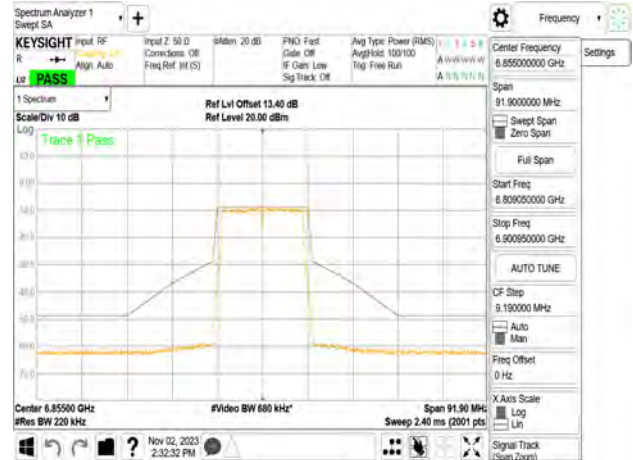
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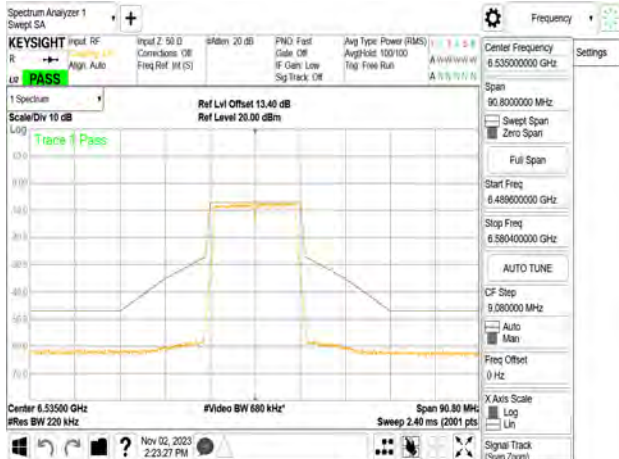
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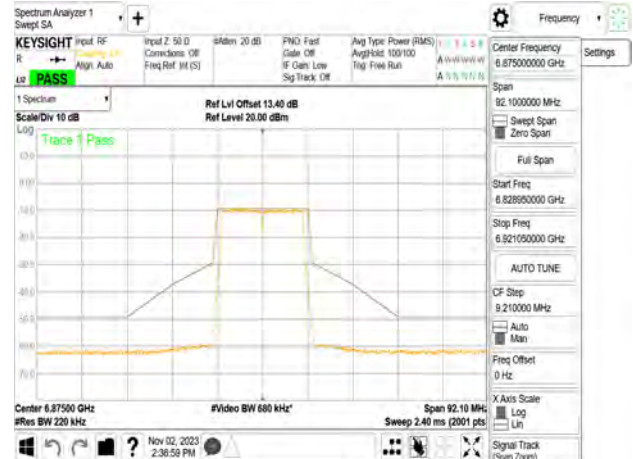
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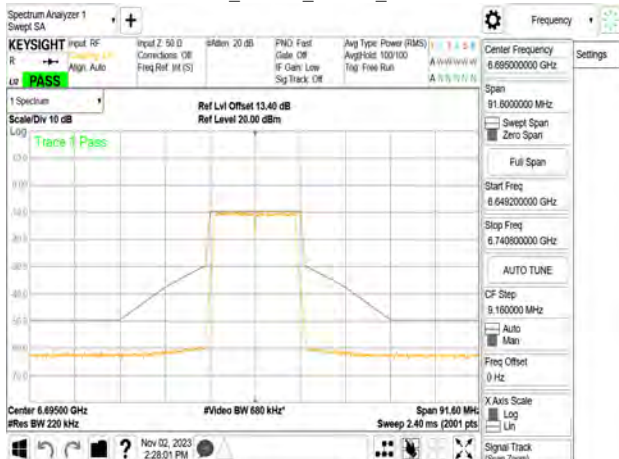
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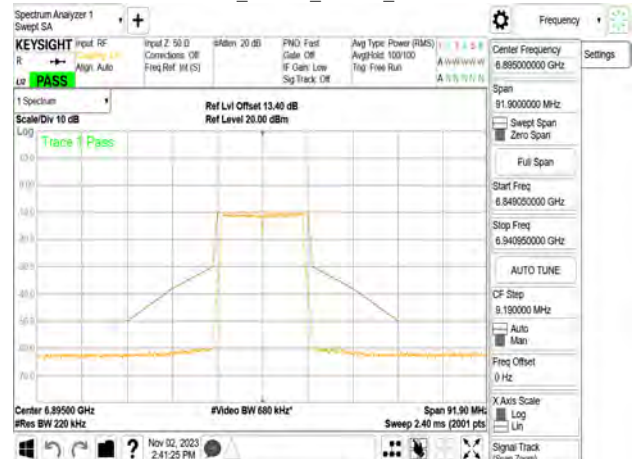
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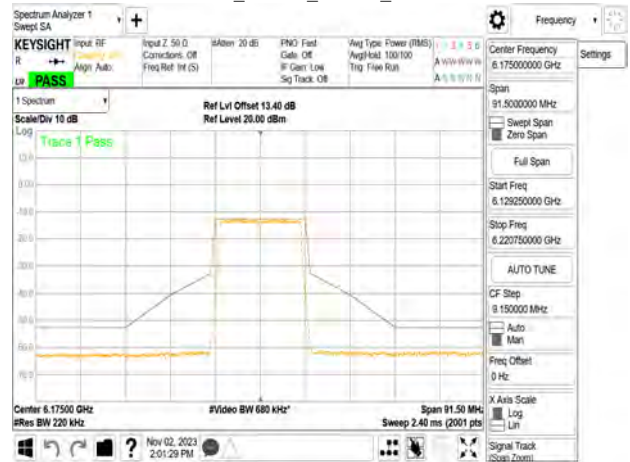
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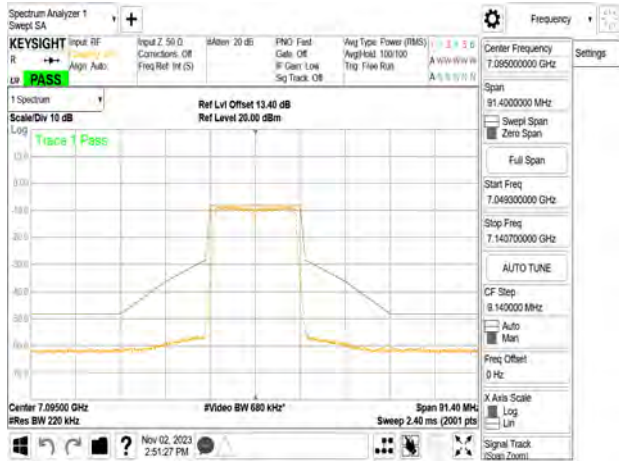
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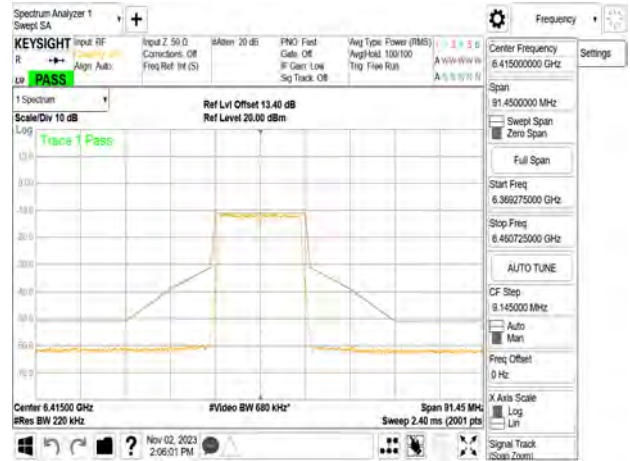
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802.11a\_20MHz\_Chain2\_6415MHz



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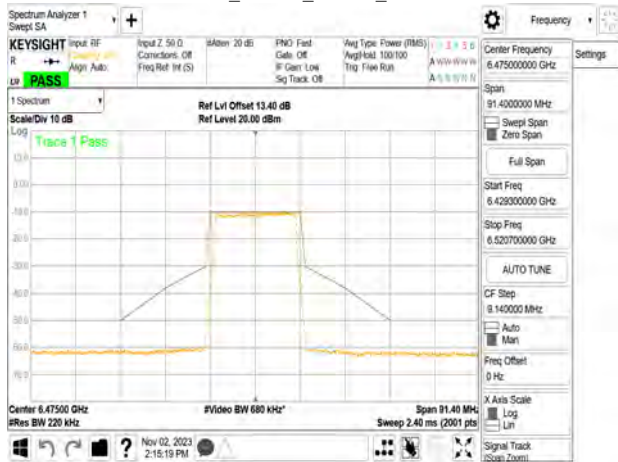
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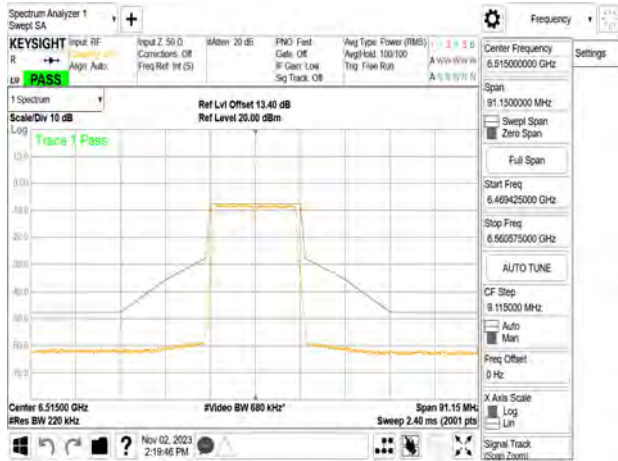
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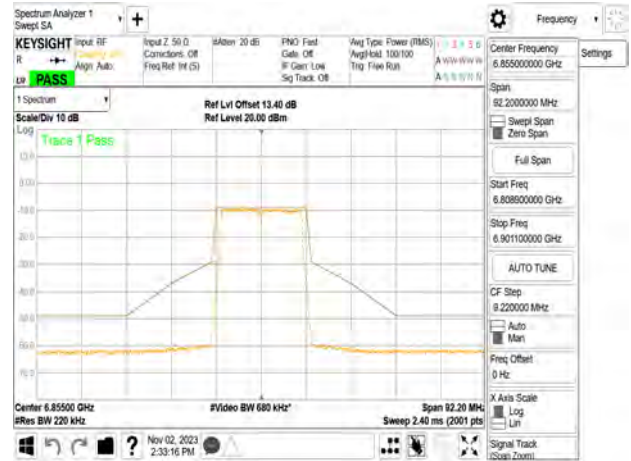
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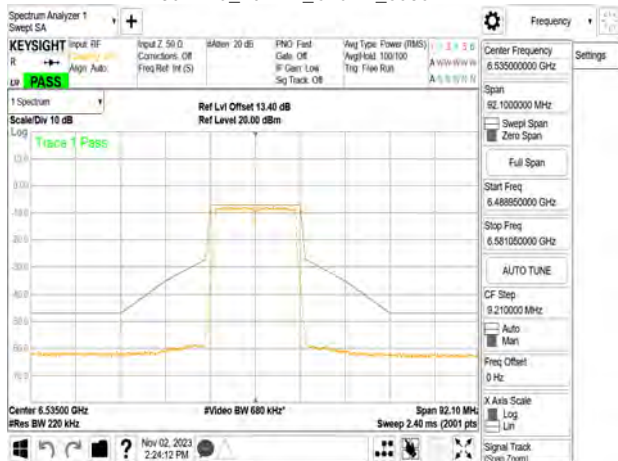
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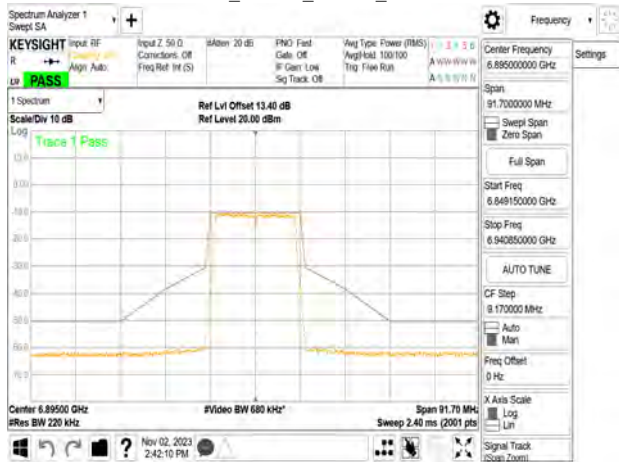


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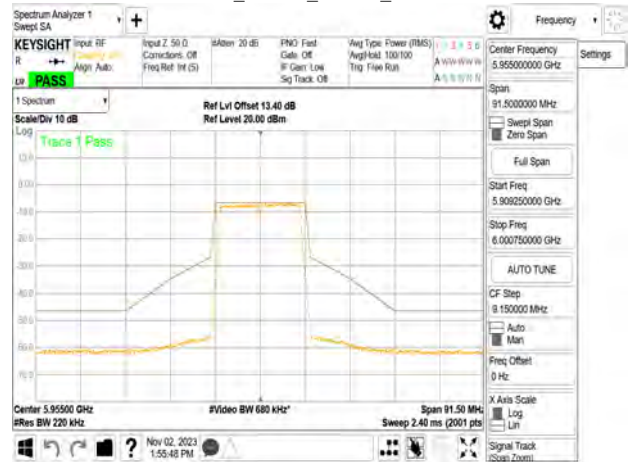
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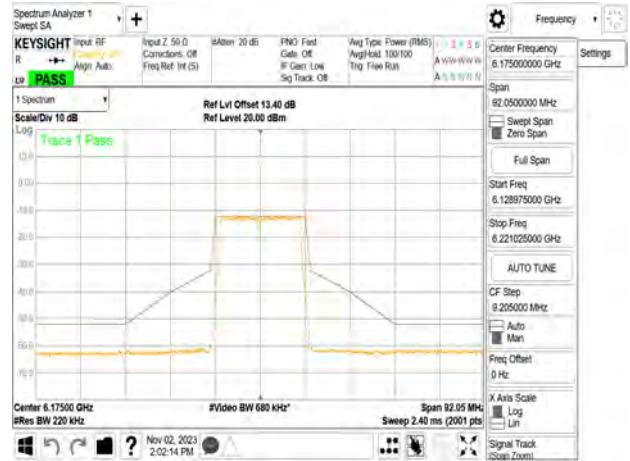
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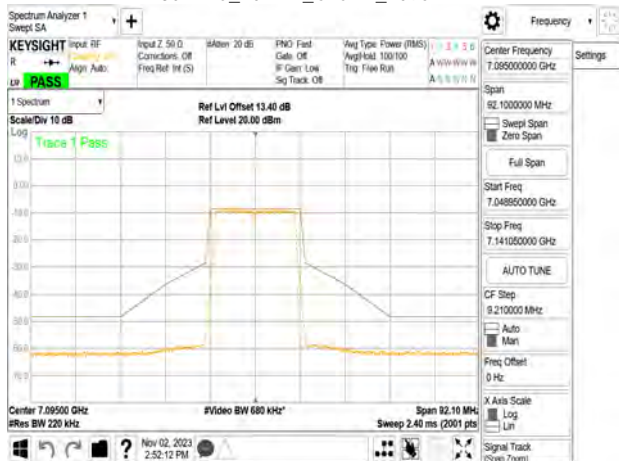
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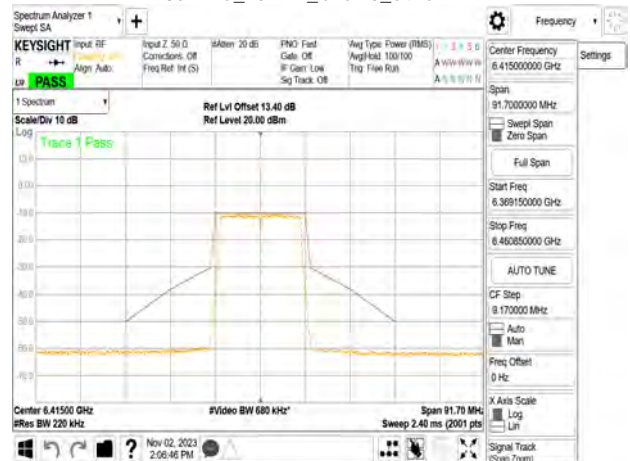
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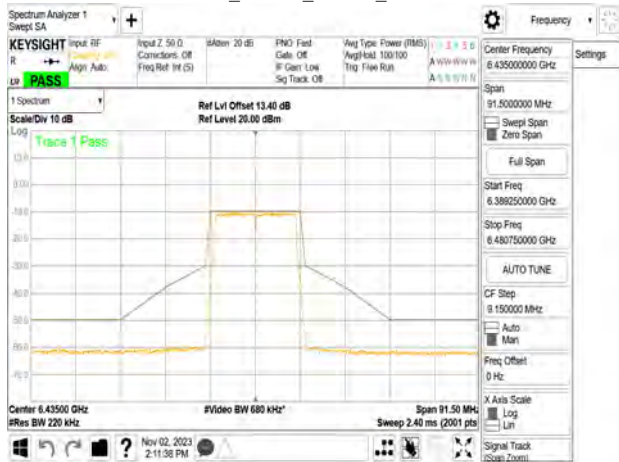
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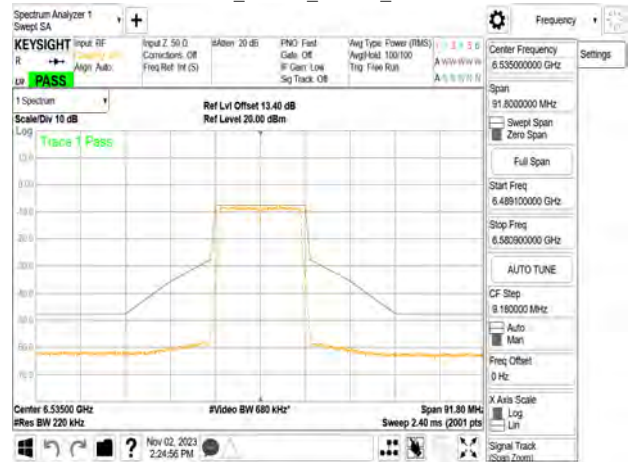
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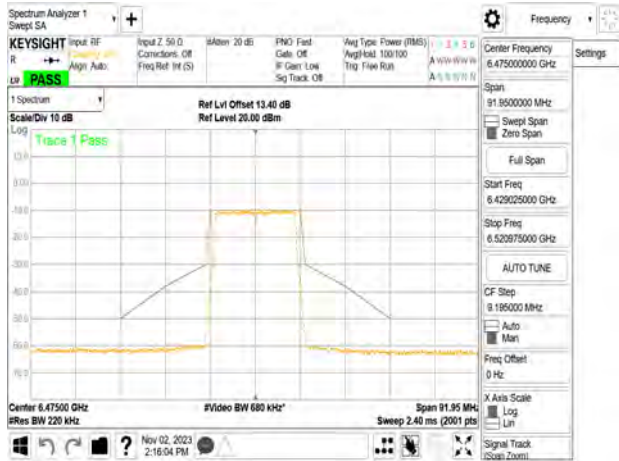
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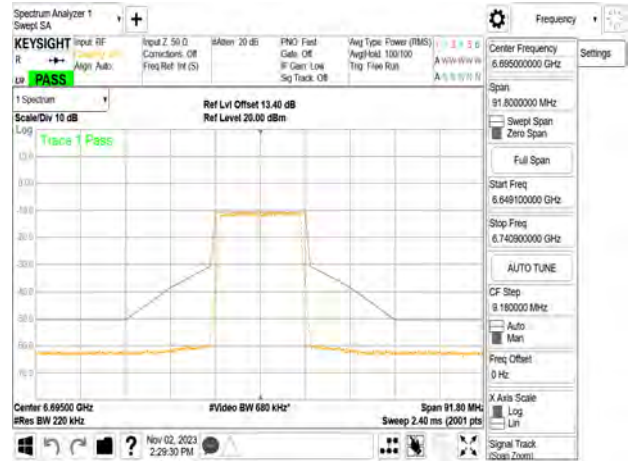
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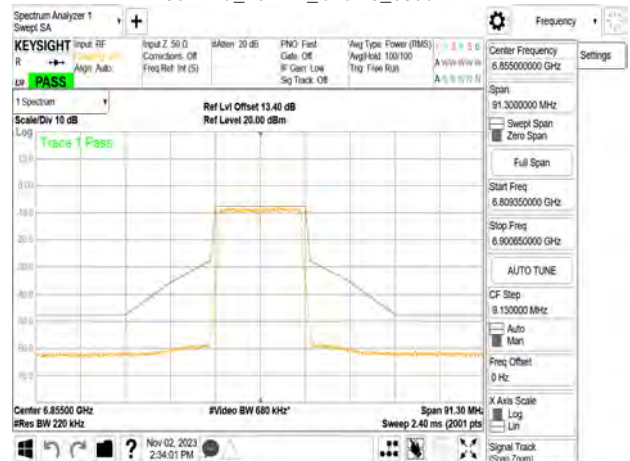
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802.11a\_20MHz\_Chain3\_6515MHz



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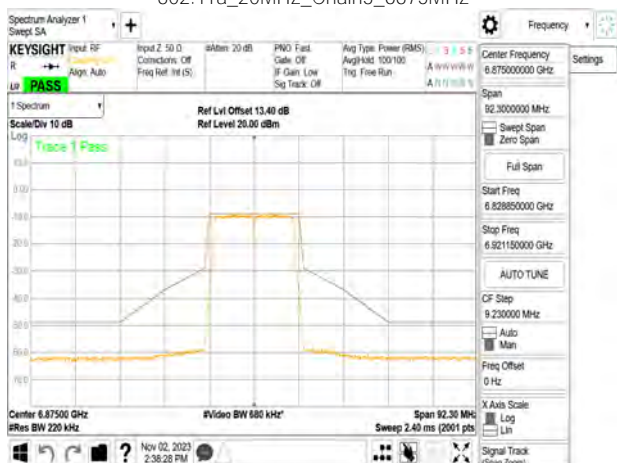
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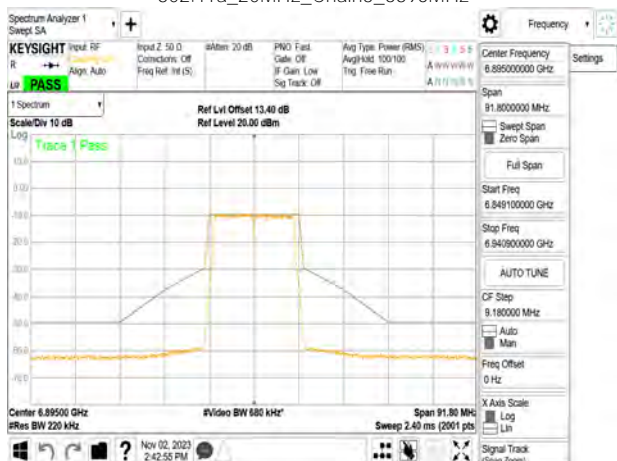
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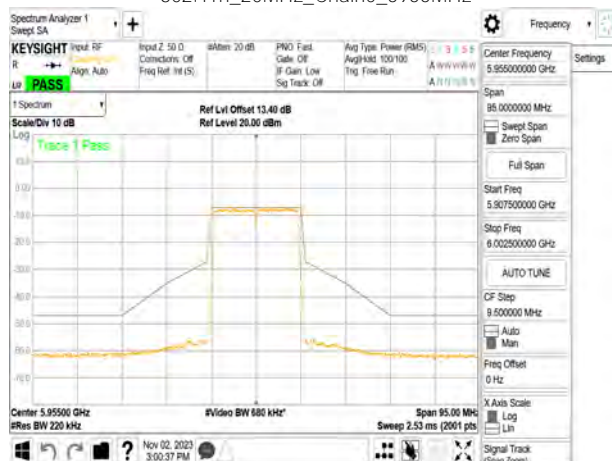
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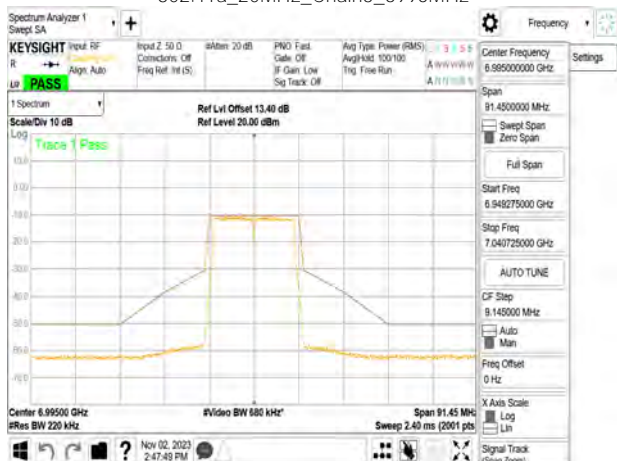
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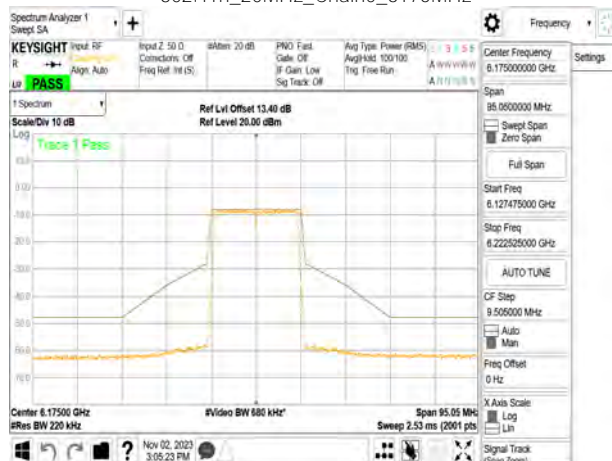
802.11n\_20MHz\_Chain0\_5955MHz



802.11a\_20MHz\_Chain3\_6995MHz



802.11n\_20MHz\_Chain0\_6175MHz

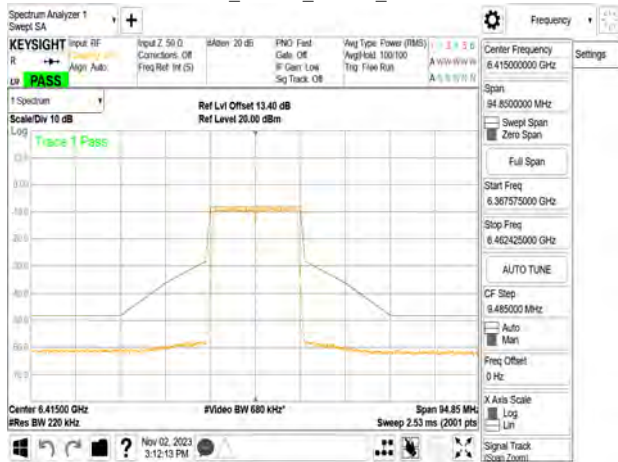


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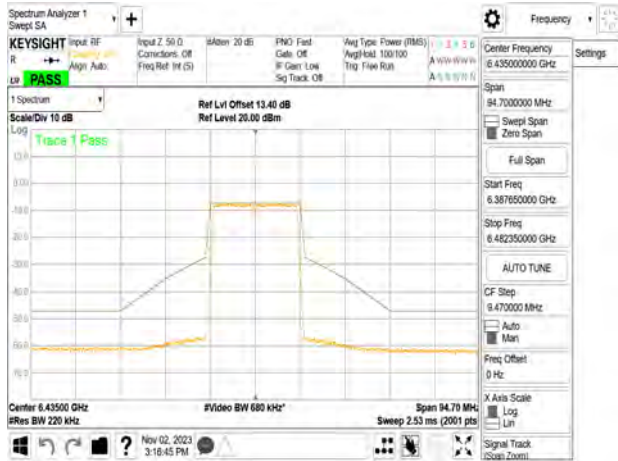
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802.11n\_20MHz\_Chain0\_6515MHz



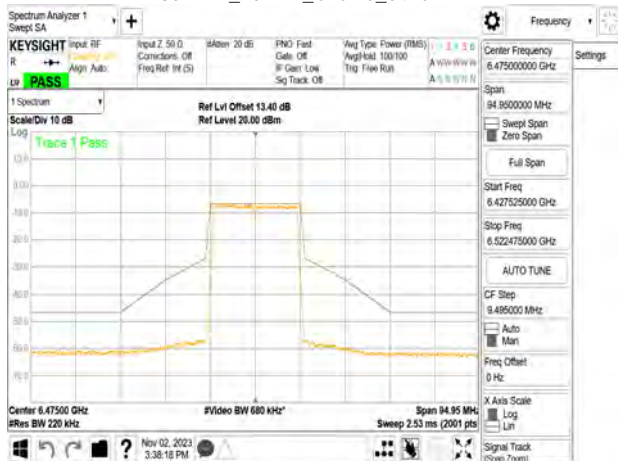
802.11n\_20MHz\_Chain0\_6435MHz



802.11n\_20MHz\_Chain0\_6535MHz



802.11n\_20MHz\_Chain0\_6475MHz



802.11n\_20MHz\_Chain0\_6695MHz



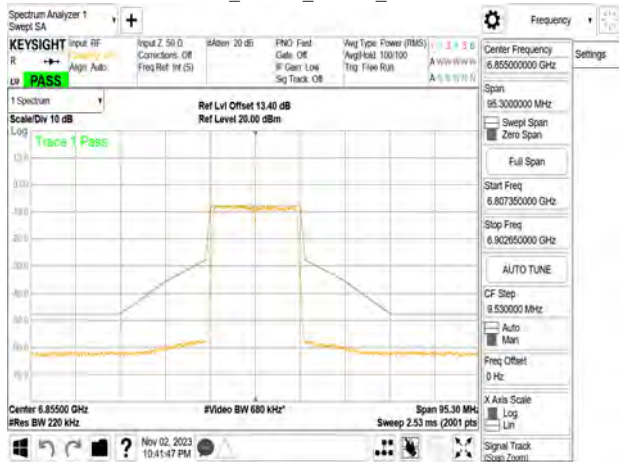
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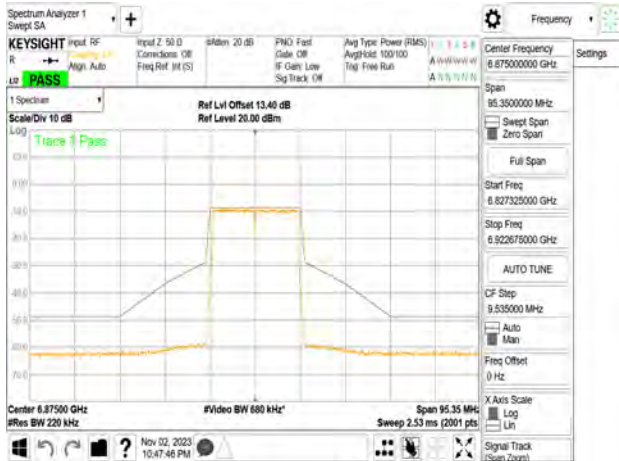
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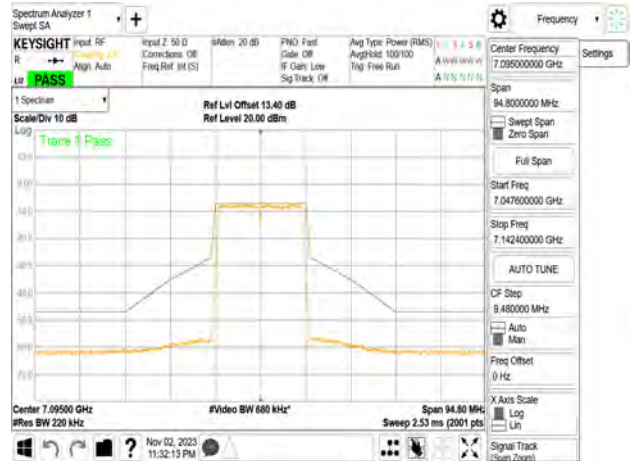
802.11n\_20MHz\_Chain0\_6995MHz



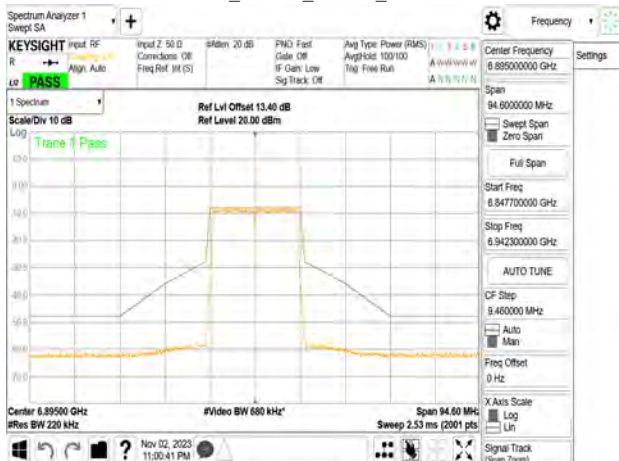
802.11n\_20MHz\_Chain0\_6875MHz



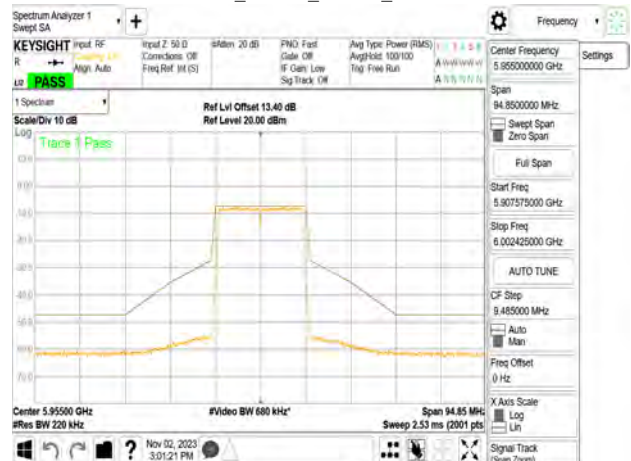
802.11n\_20MHz\_Chain0\_7095MHz



802.11n\_20MHz\_Chain0\_6895MHz



802.11n\_20MHz\_Chain1\_5955MHz



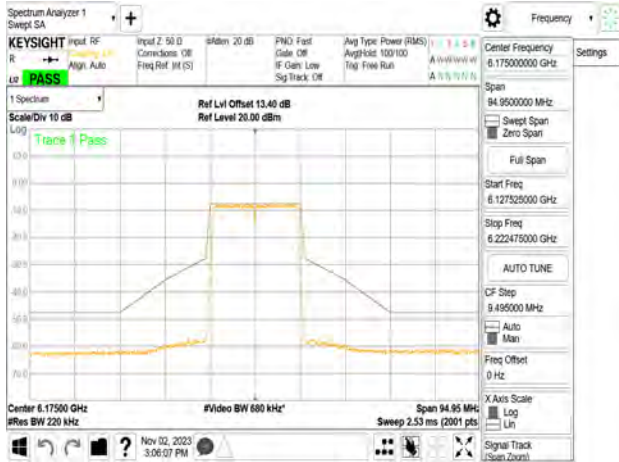
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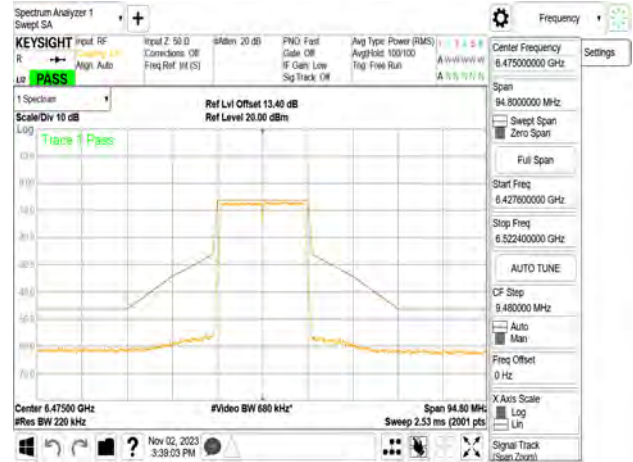
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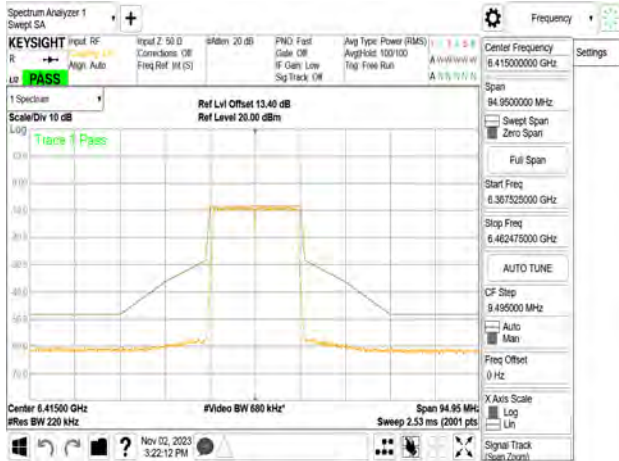
802.11n\_20MHz\_Chain1\_6175MHz



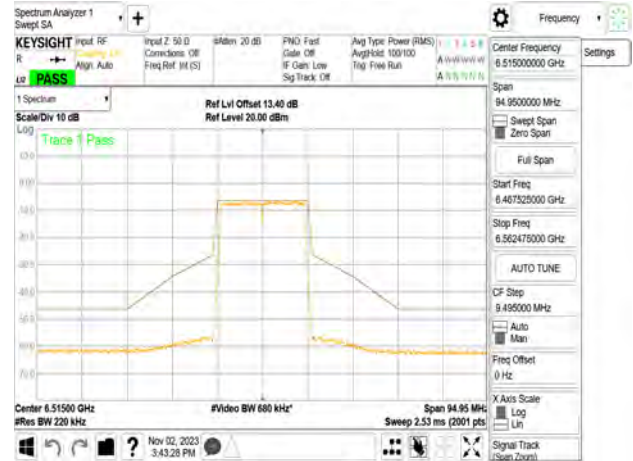
802.11n\_20MHz\_Chain1\_6475MHz



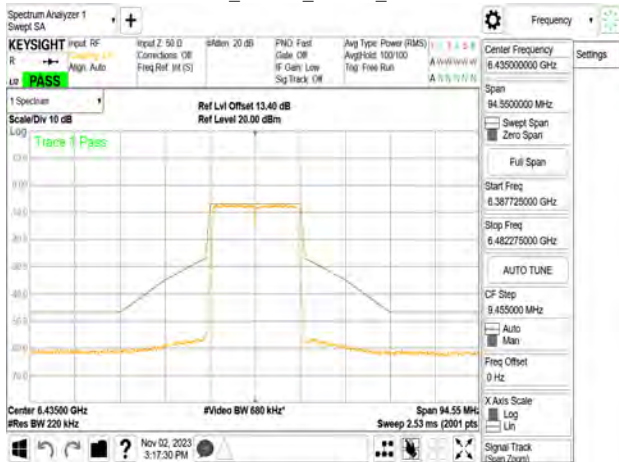
802.11n\_20MHz\_Chain1\_6415MHz



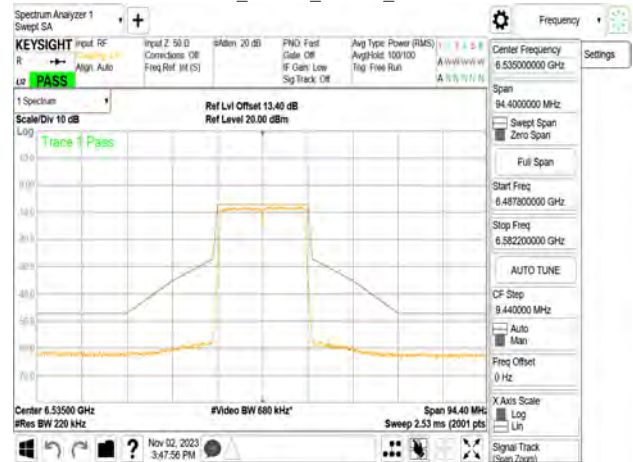
802.11n\_20MHz\_Chain1\_6515MHz



802.11n\_20MHz\_Chain1\_6435MHz



802.11n\_20MHz\_Chain1\_6535MHz

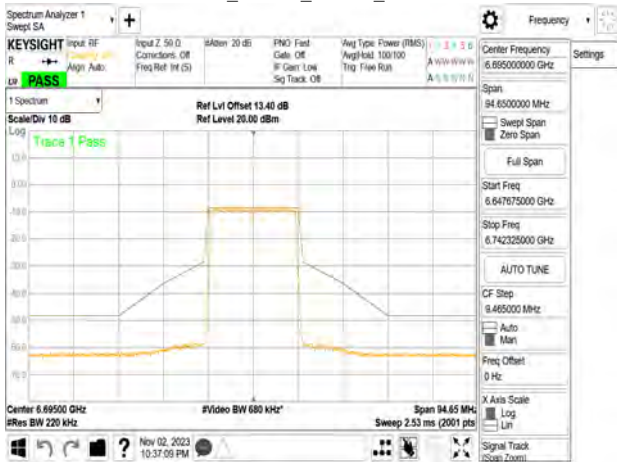


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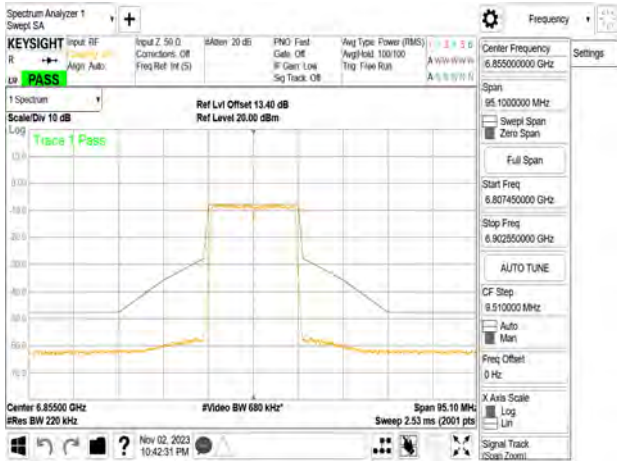
802.11n\_20MHz\_Chain1\_6695MHz



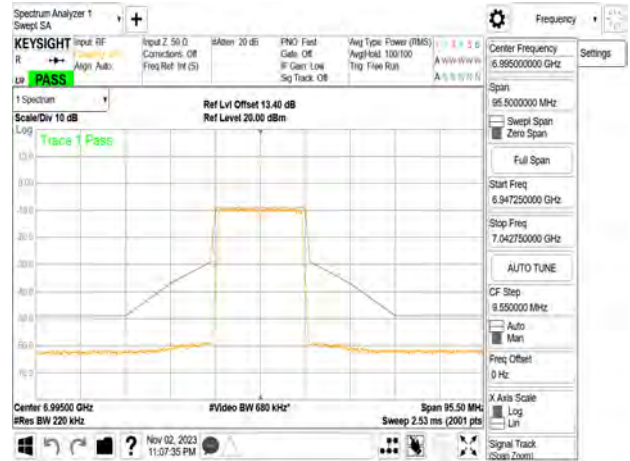
802.11n\_20MHz\_Chain1\_6895MHz



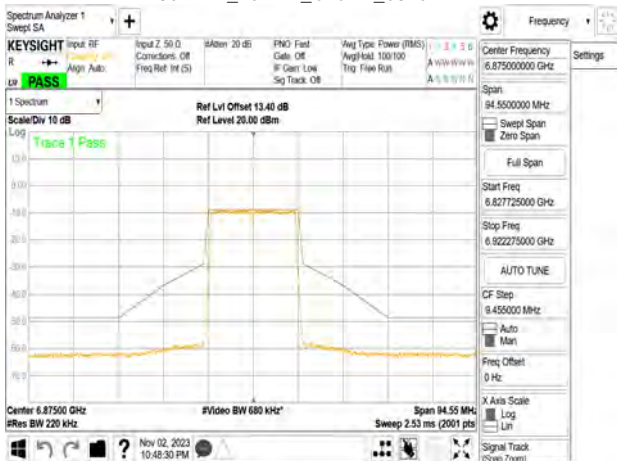
802.11n\_20MHz\_Chain1\_6855MHz



802.11n\_20MHz\_Chain1\_6995MHz



802.11n\_20MHz\_Chain1\_6875MHz



802.11n\_20MHz\_Chain1\_7095MHz



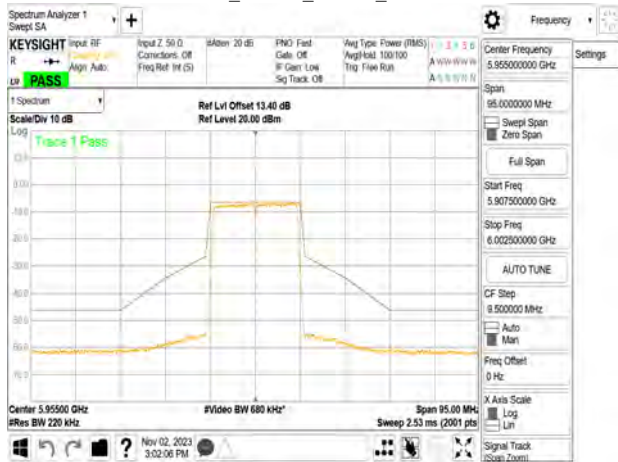
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802.11n\_20MHz\_Chain2\_5955MHz



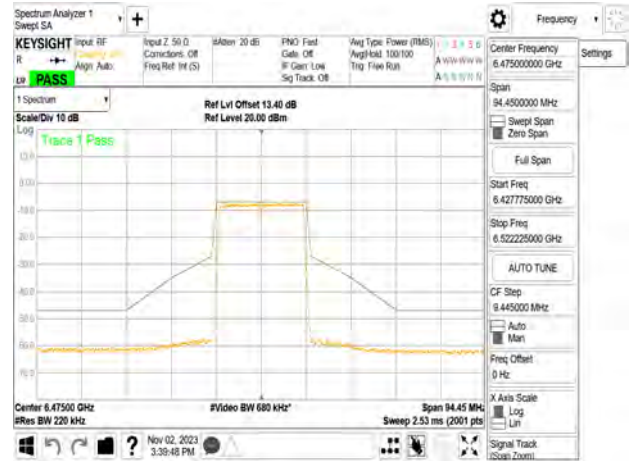
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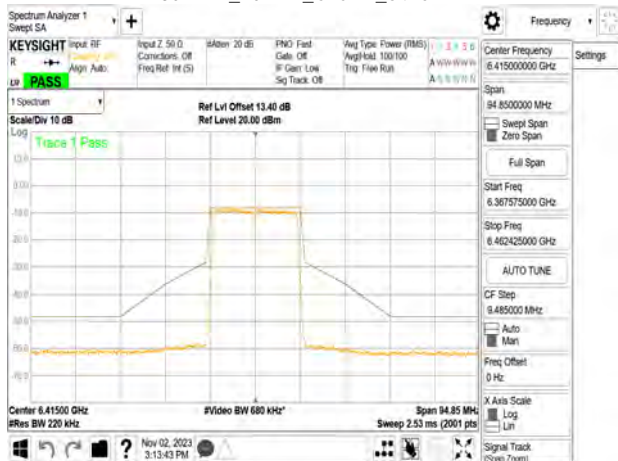
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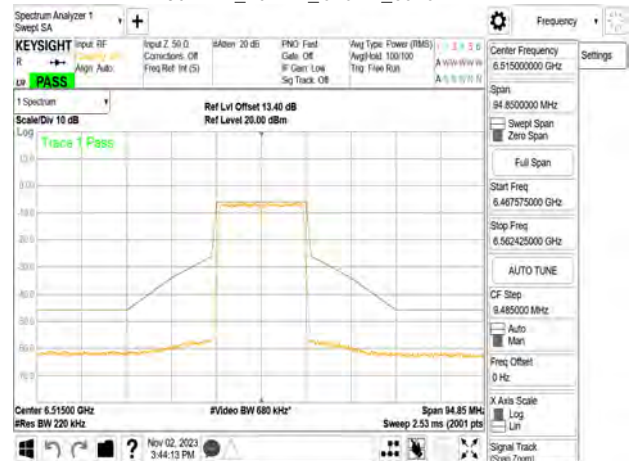
802.11n\_20MHz\_Chain2\_6475MHz



802.11n\_20MHz\_Chain2\_6415MHz



802.11n\_20MHz\_Chain2\_6515MHz



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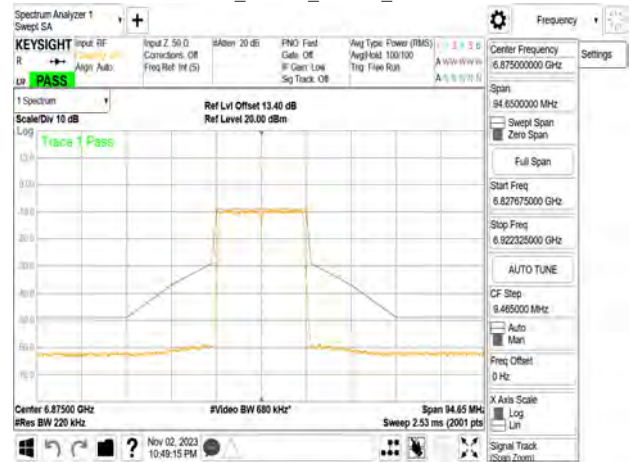
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802.11n\_20MHz\_Chain2\_6535MHz



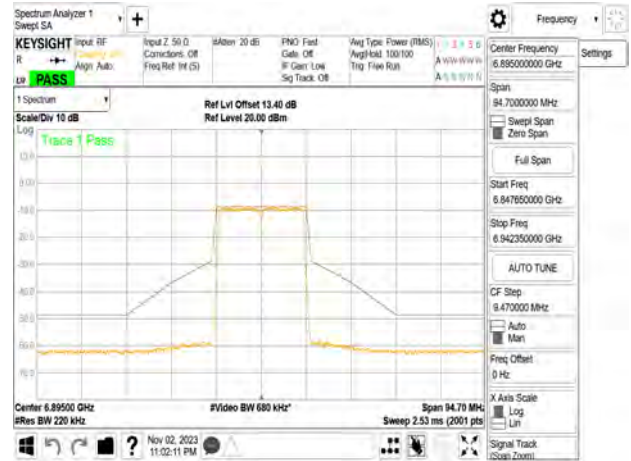
802.11n\_20MHz\_Chain2\_6875MHz



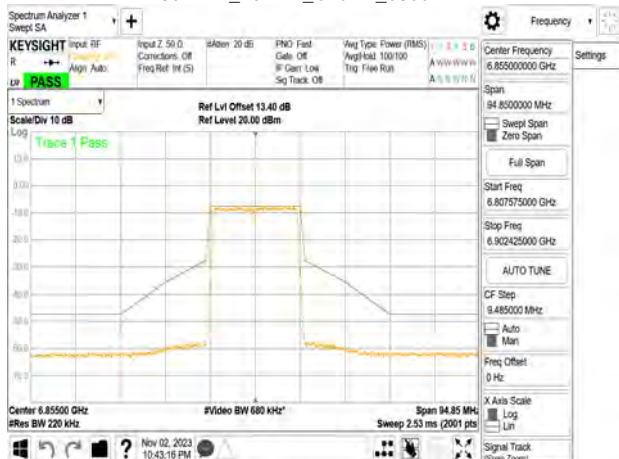
802.11n\_20MHz\_Chain2\_6695MHz



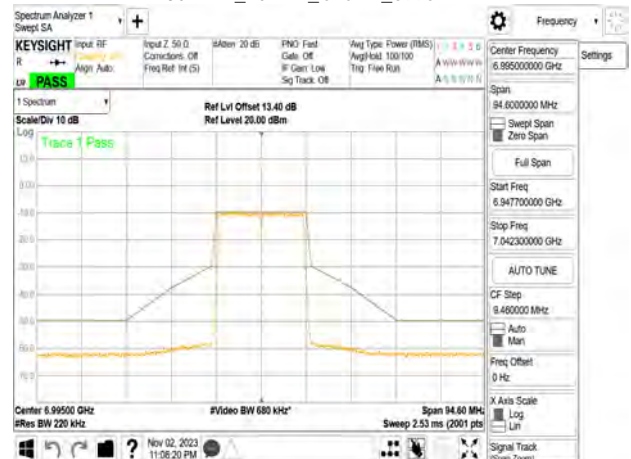
802.11n\_20MHz\_Chain2\_6895MHz



802.11n\_20MHz\_Chain2\_6855MHz



802.11n\_20MHz\_Chain2\_6995MHz

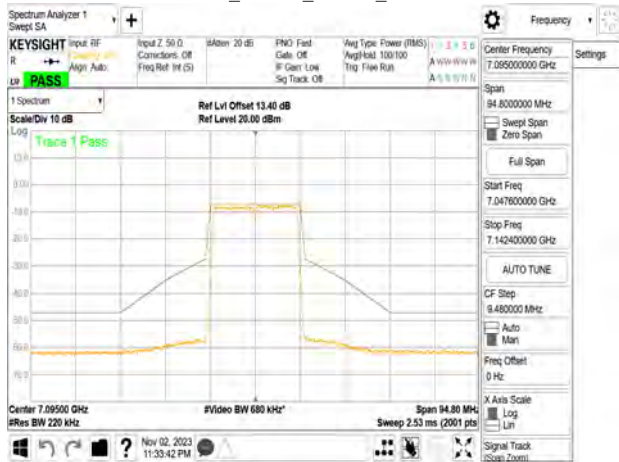


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802.11n\_20MHz\_Chain2\_7095MHz



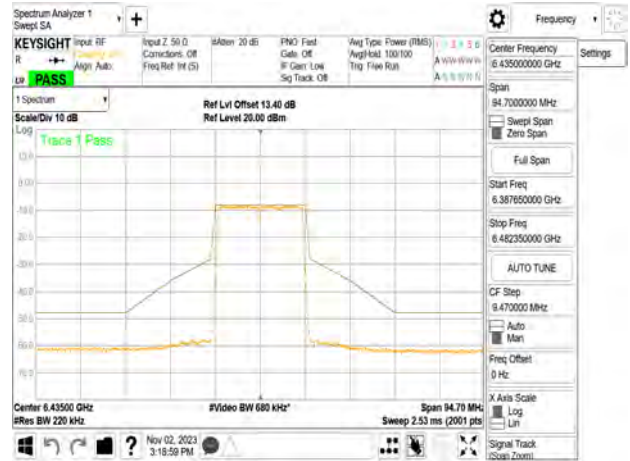
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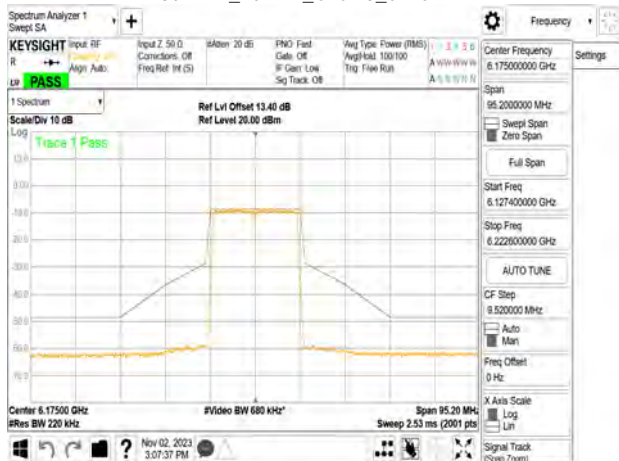
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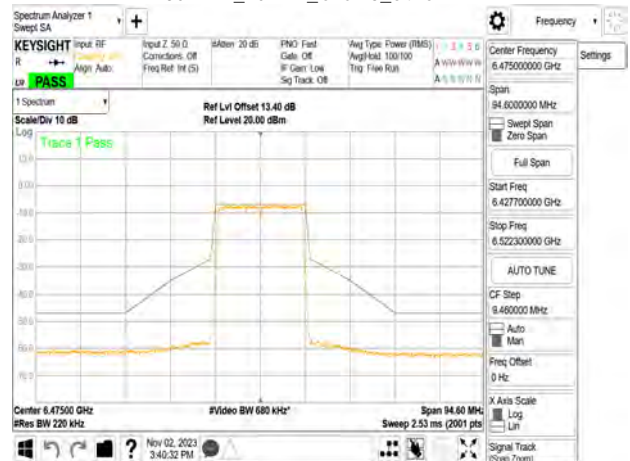
802.11n\_20MHz\_Chain3\_6435MHz



802.11n\_20MHz\_Chain3\_6175MHz



802.11n\_20MHz\_Chain3\_6475MHz



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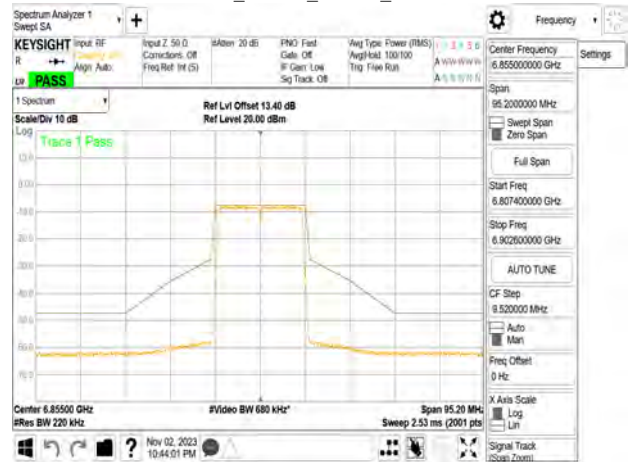
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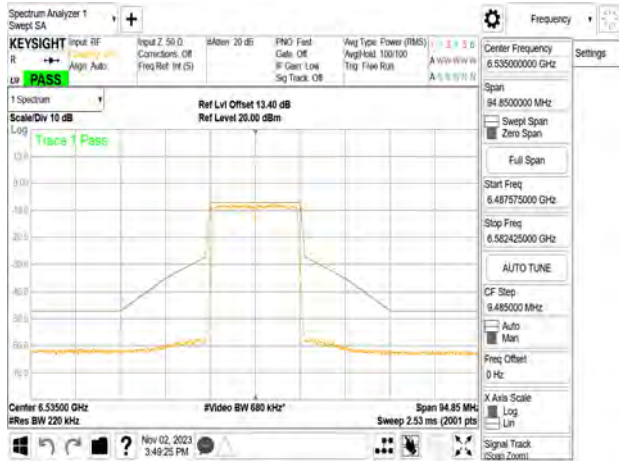
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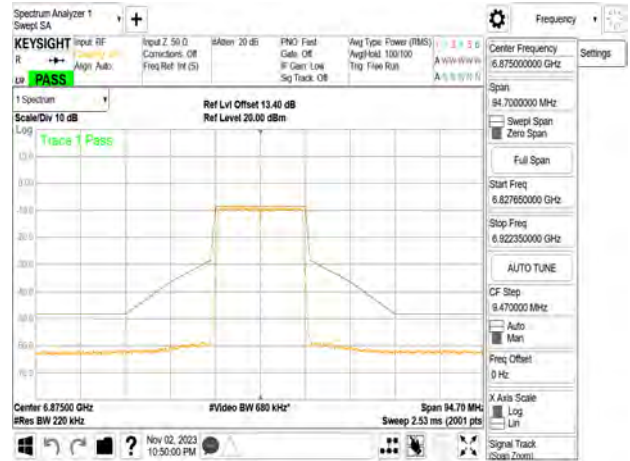
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802.11n\_20MHz\_Chain3\_6535MHz



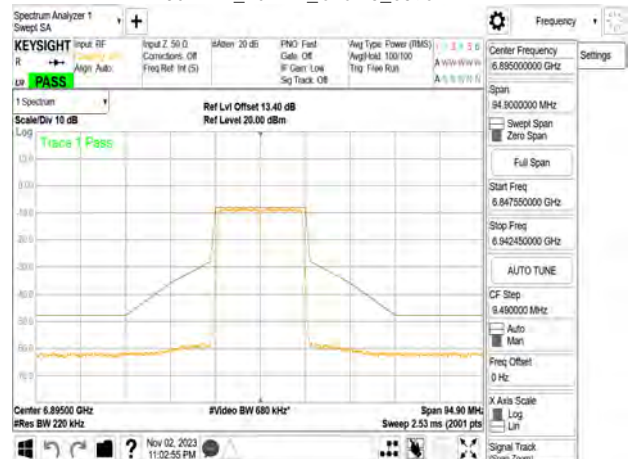
802.11n\_20MHz\_Chain3\_6875MHz



802.11n\_20MHz\_Chain3\_6695MHz



802.11n\_20MHz\_Chain3\_6895MHz



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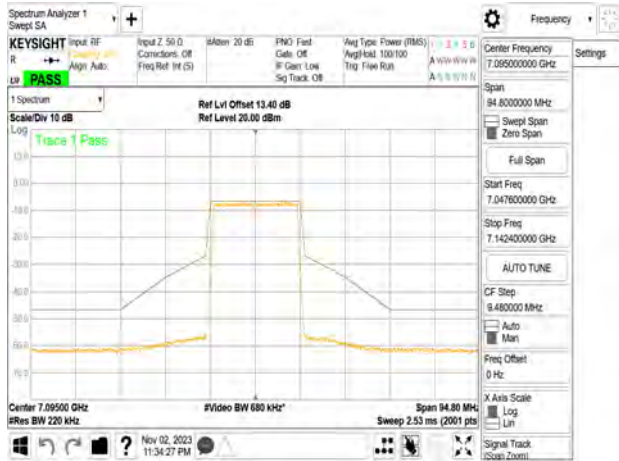
802.11n\_20MHz\_Chain3\_6995MHz



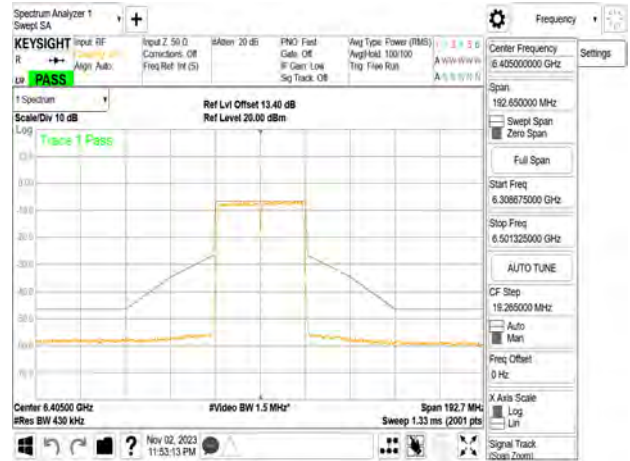
802.11n\_40MHz\_Chain0\_6165MHz



802.11n\_20MHz\_Chain3\_7095MHz



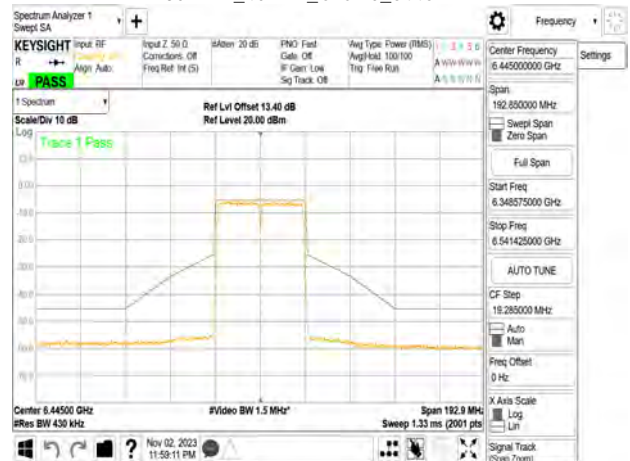
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802.11n\_40MHz\_Chain0\_5965MHz



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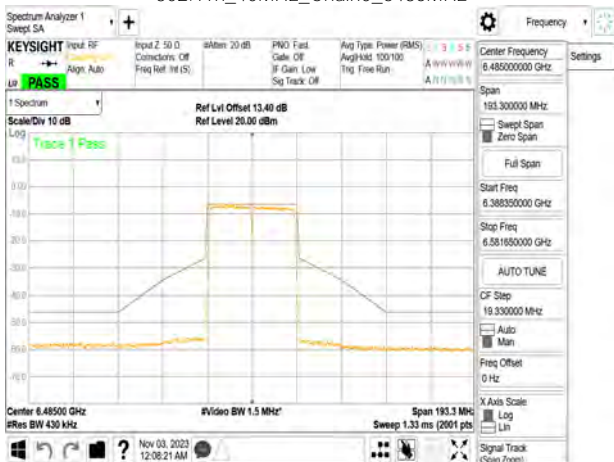


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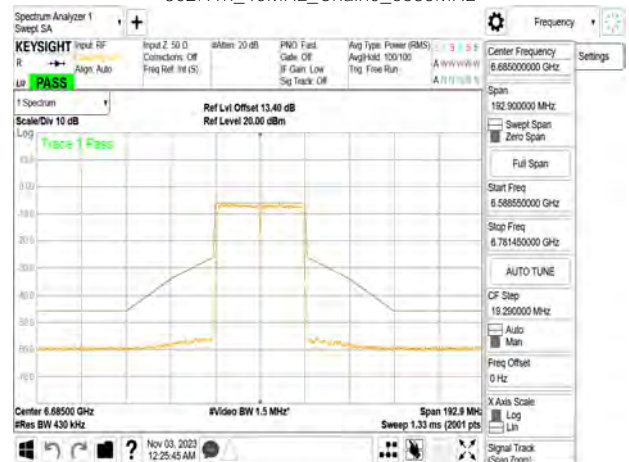
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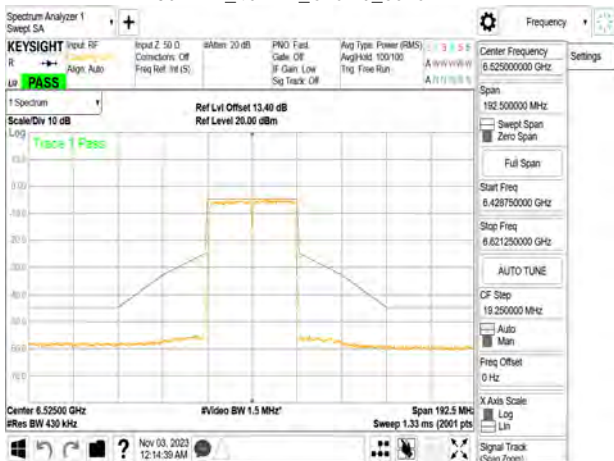
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802.11n\_40MHz\_Chain0\_6685MHz



802.11n\_40MHz\_Chain0\_6525MHz



802.11n\_40MHz\_Chain0\_6845MHz



802.11n\_40MHz\_Chain0\_6565MHz



802.11n\_40MHz\_Chain0\_6885MHz



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台灣檢驗科技股份有限公司

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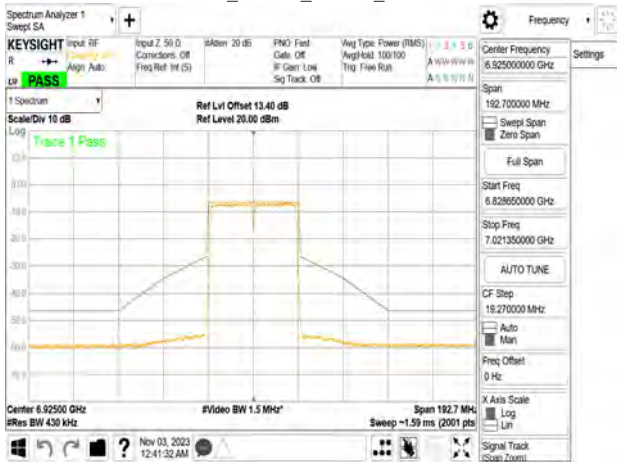
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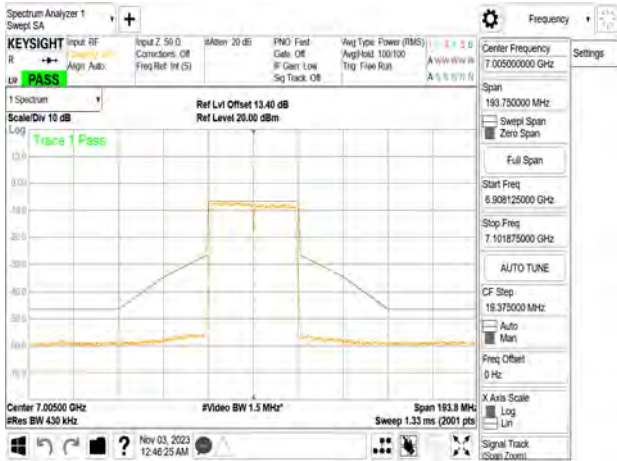
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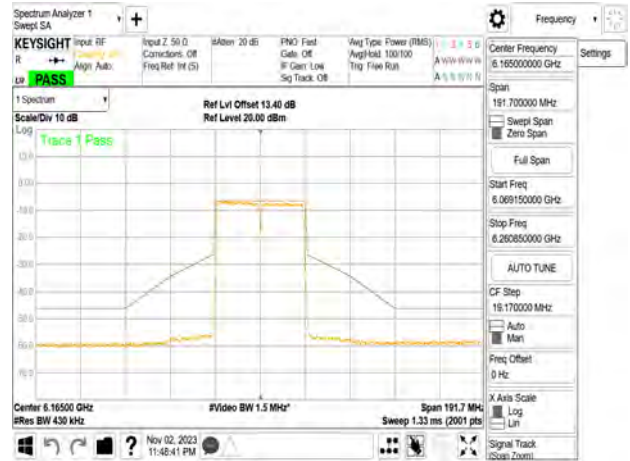
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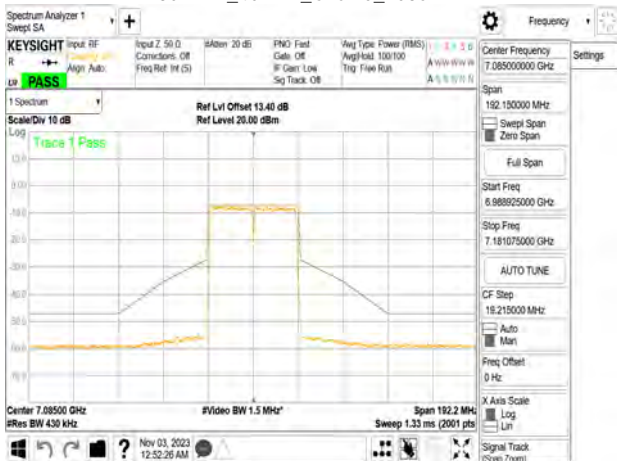
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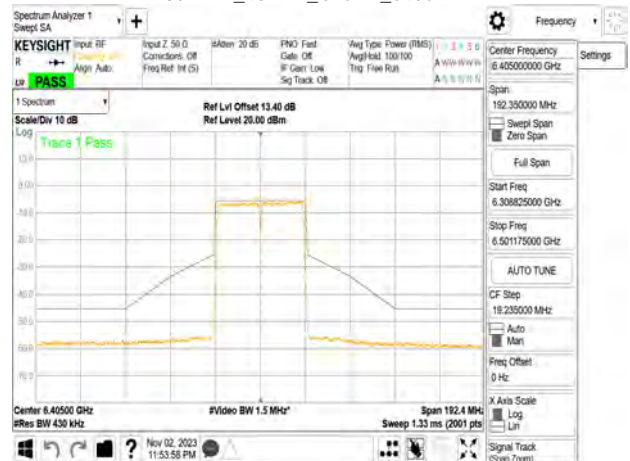
802.11n\_40MHz\_Chain1\_6165MHz



802.11n\_40MHz\_Chain0\_7085MHz



802.11n\_40MHz\_Chain1\_6405MHz



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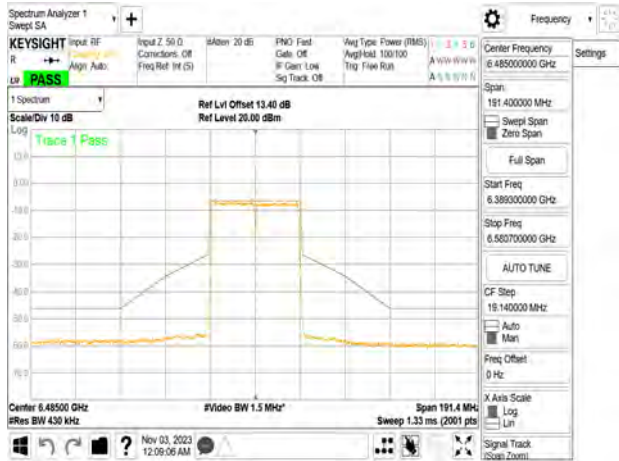
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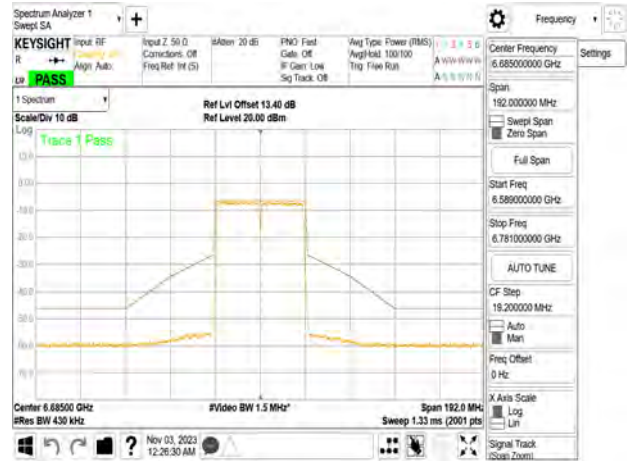
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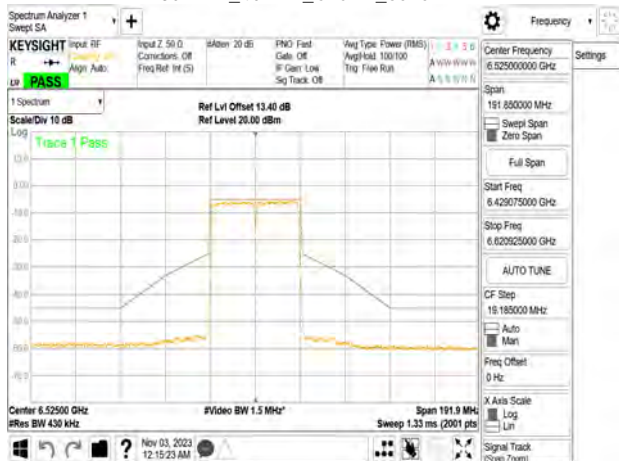
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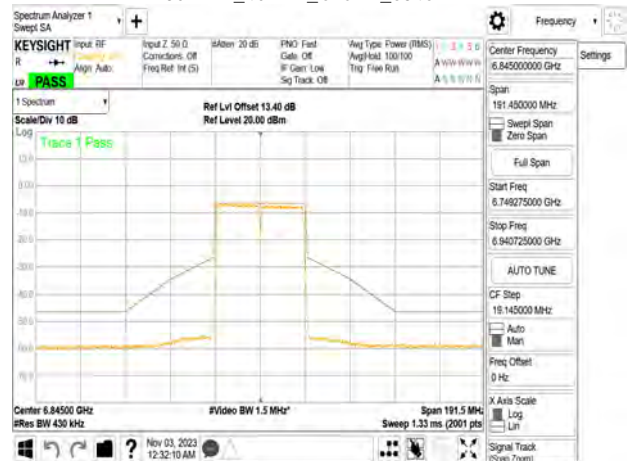
802.11n\_40MHz\_Chain1\_6685MHz



802.11n\_40MHz\_Chain1\_6525MHz



802.11n\_40MHz\_Chain1\_6845MHz



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