

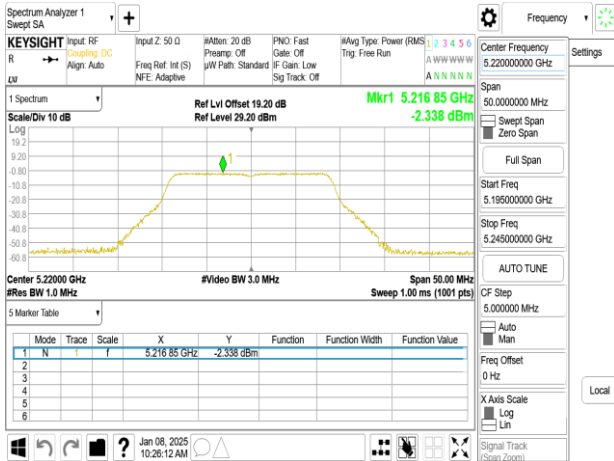
802.11n_20MHz_Chain0_5180MHz



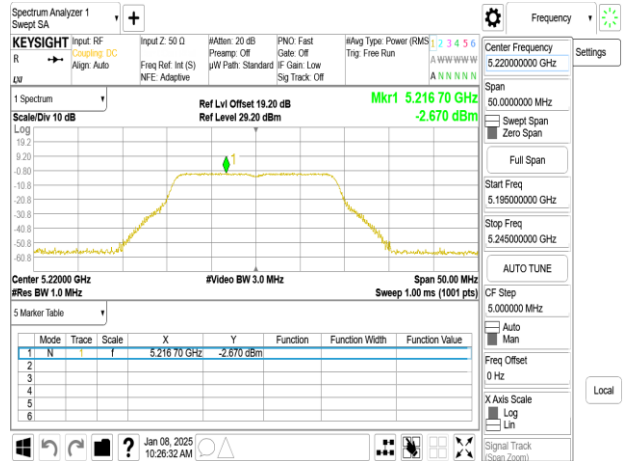
802.11n_20MHz_Chain1_5180MHz



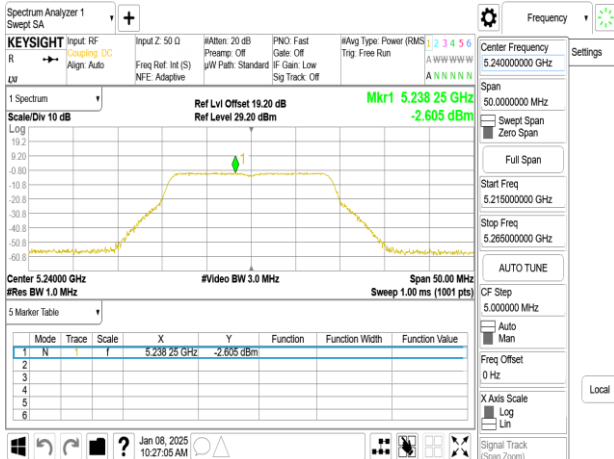
802.11n_20MHz_Chain0_5220MHz



802.11n_20MHz_Chain1_5220MHz



802.11n_20MHz_Chain0_5240MHz



802.11n_20MHz_Chain1_5240MHz

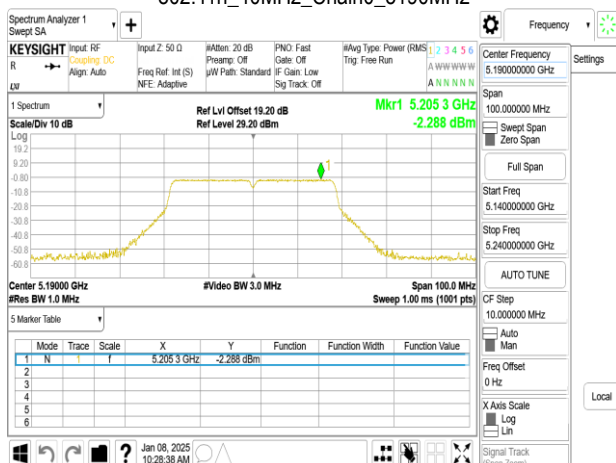


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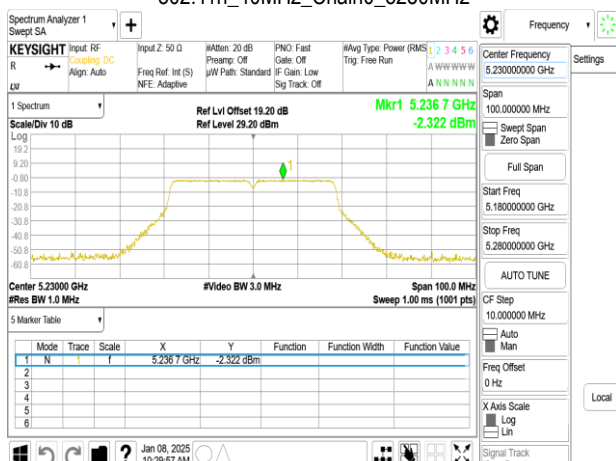
802.11n_40MHz_Chain0_5190MHz



802.11n_40MHz_Chain1_5230MHz



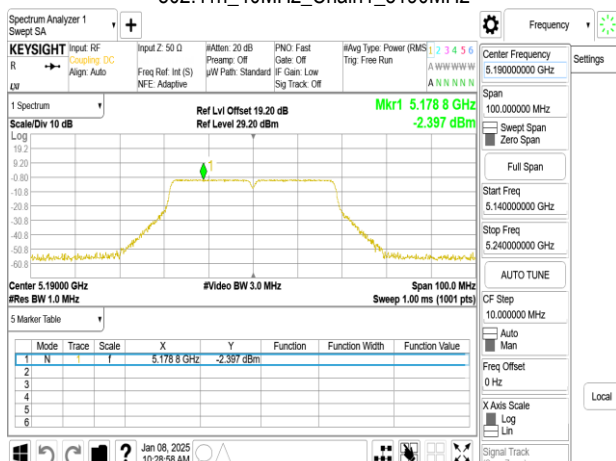
802.11n_40MHz_Chain0_5230MHz



802.11ac_80MHz_Chain0_5210MHz



802.11n_40MHz_Chain1_5190MHz



802.11ac_80MHz_Chain1_5210MHz



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802.11ac_160MHz_Chain0_5250MHz



802.11be_20MHz_Chain0_5220MHz



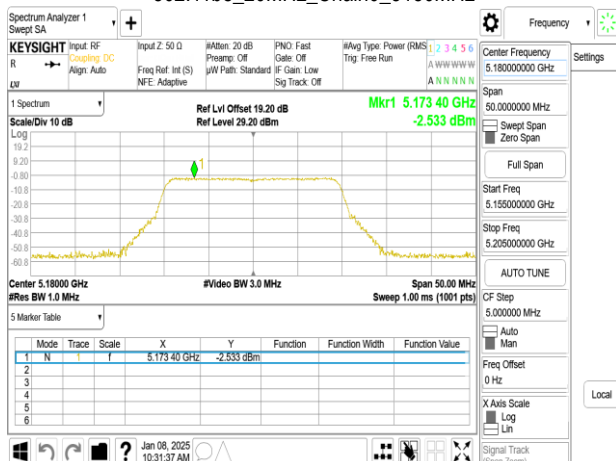
802.11ac_160MHz_Chain1_5250MHz



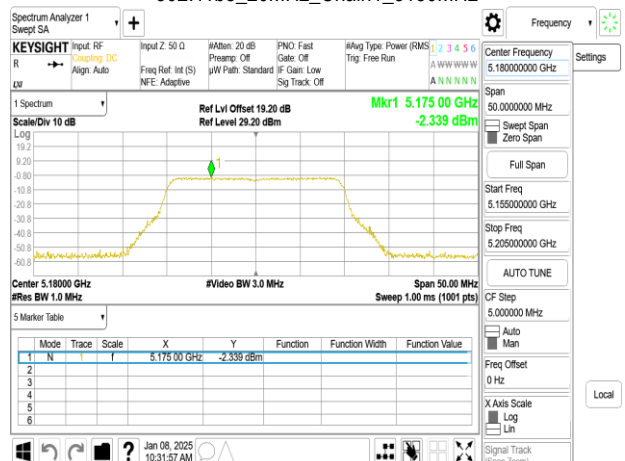
802.11be_20MHz_Chain0_5240MHz



802.11be_20MHz_Chain0_5180MHz



802.11be_20MHz_Chain1_5180MHz



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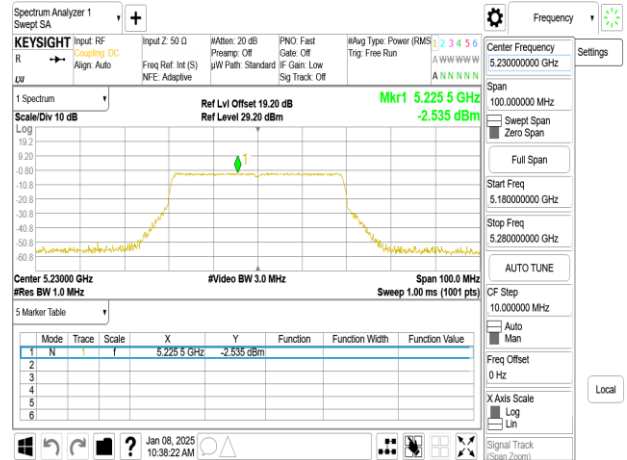
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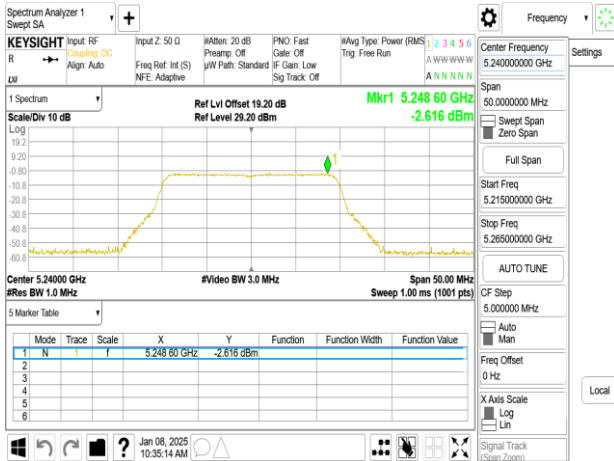
802.11be_20MHz_Chain1_5220MHz



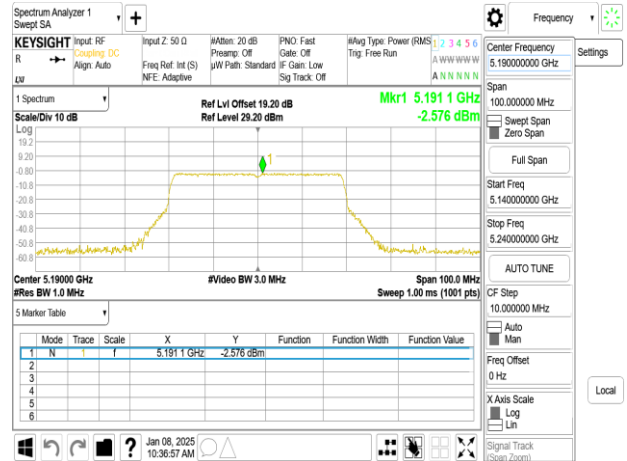
802.11be_40MHz_Chain0_5230MHz



802.11be_20MHz_Chain1_5240MHz



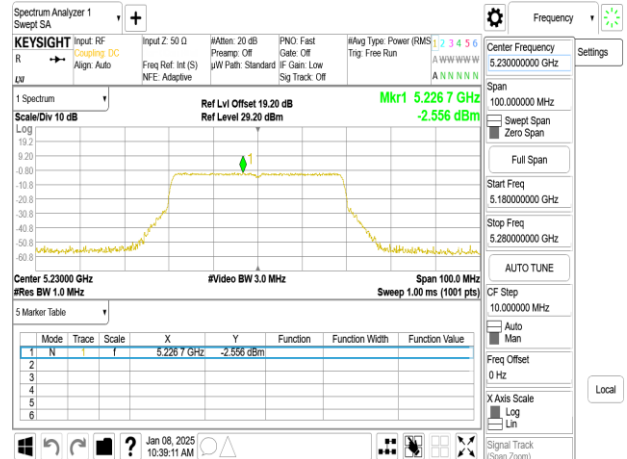
802.11be_40MHz_Chain1_5190MHz



802.11be_40MHz_Chain0_5190MHz



802.11be_40MHz_Chain1_5230MHz



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802.11be_80MHz_Chain0_5210MHz



802.11be_160MHz_Chain1_5250MHz



802.11be_80MHz_Chain1_5210MHz



802.11be_160MHz_Chain0_5250MHz



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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 Standard Applicable

$EIRP = (E^2 d^2) / 30$, where E is the field strength in V/m, d is the measurement distance (3m), $EIRP$ is the equivalent isotropically radiated power in Watts.

11.1.1 5150~5850 MHz

Applicable to	Operation Freq. (MHz)	EIRP		Field Strength @ 3m (dBμV/m)
		Freq. (MHz)	Limits (dBm/MHz)	
15.407(b)(1) RSS-247 §6.2.1.2	5150~5250	$f \leq 5150$ $f \geq 5350$	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725	$f \leq 5470$ $f \geq 5725$		
15.407(b)(4)(i) RSS-247 §6.2.4.3	5725~5850	at 75 MHz or more above or below the band edge	PK:-27	PK: 68.2
		increasing linearly from 75~25MHz above or below the band edge	PK:-27~10	PK: 68.2~105.2
		increasing linearly from 25~5MHz above or below the band edge	PK:10~15.6	PK: 105.2~110.8
		increasing linearly from 5~0 MHz above or below the band edge	PK: 15.6~27	PK:110.8~122.2

11.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note:

- The lower limit shall apply at the transition frequencies.

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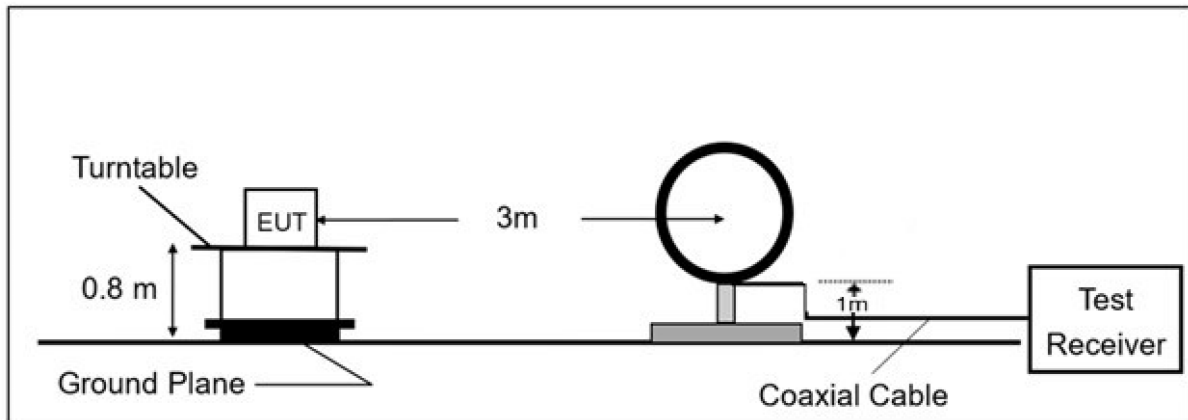
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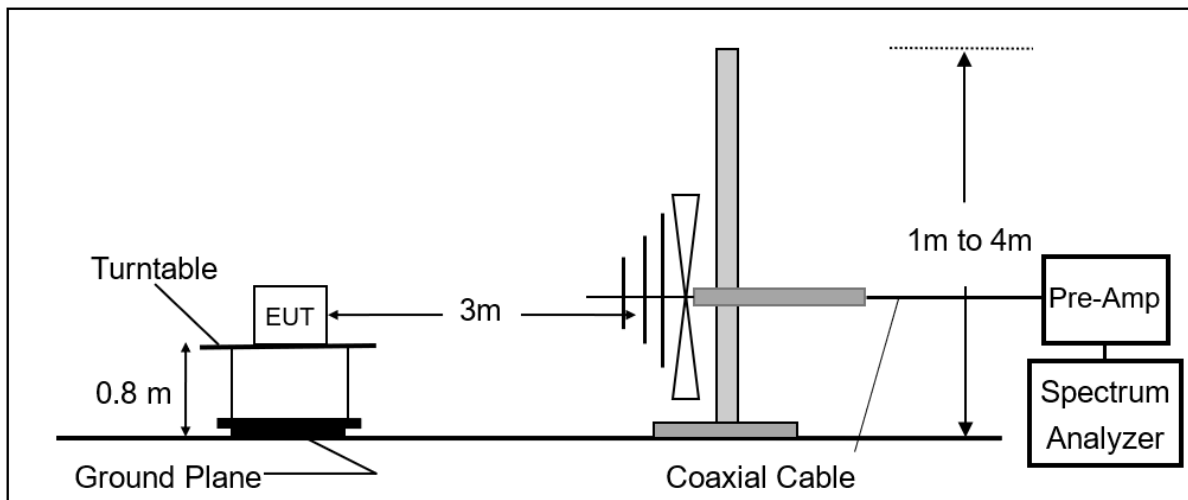
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11.2 Test Setup

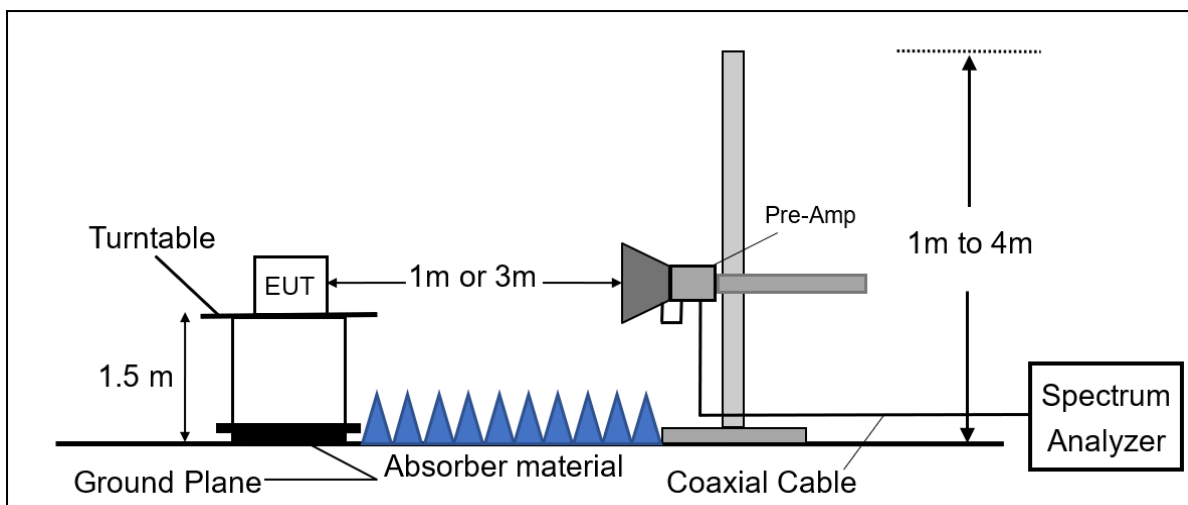
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz



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11.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW $\geq 1/T$ (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When measurement procedures for electric field radiated emissions above 1 GHz 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.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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11.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(\mu V/m)$

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

11.5 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

Pre-scan was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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11.6 Radiated Spurious Emission Measurement Result

11.6.1 CBE

802.11a

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
36	5180	N/A	-41.93	-43.49	-39.63	3.230	3.230	6.24	-33.39	61.81	-12.19	74	PK
		0.00	-53.57	-54.99	-51.21	3.230	3.230	6.24	-44.97	50.23	-3.77	54	AV
64	5320	N/A	-47.82	-47.21	-44.49	3.910	3.910	6.92	-37.57	57.63	-16.37	74	PK
		0.00	-60.30	-60.15	-57.21	3.910	3.910	6.92	-50.29	44.91	-9.09	54	AV
100	5500	N/A	-46.73	-47.24	-43.97	4.275	4.275	7.29	-36.68	58.52	-15.48	74	PK
		0.00	-60.18	-59.27	-56.69	4.275	4.275	7.29	-49.41	45.79	-8.21	54	AV
140	5700	N/A	-47.63	-46.90	-44.24	4.275	4.275	7.29	-36.95	58.25	-9.95	68.2	PK
		N/A	-45.88	-46.55	-43.19	4.275	4.275	7.29	-35.91	59.29	-8.91	68.2	PK
144	5720	N/A	-47.46	-42.78	-41.51	4.275	4.275	7.29	-34.22	60.98	-13.02	74	PK
		0.00	-61.10	-52.19	-51.66	4.275	4.275	7.29	-44.38	50.82	-3.18	54	AV
		N/A	-47.48	-47.28	-44.37	4.275	4.275	7.29	-37.08	58.12	-10.08	68.2	PK
		N/A	-45.70	-41.27	-39.93	4.275	4.275	7.29	-32.65	62.55	-5.65	68.2	PK
149	5745	N/A	-47.35	-47.60	-44.46	3.970	3.970	6.98	-37.48	57.72	-10.48	68.2	PK
		N/A	-45.18	-45.51	-42.33	3.970	3.970	6.98	-35.35	59.85	-45.35	105.2	PK
		N/A	-44.42	-43.65	-41.01	3.970	3.970	6.98	-34.03	61.17	-49.63	110.8	PK
		N/A	-41.69	-42.90	-39.24	3.970	3.970	6.98	-32.26	62.94	-59.26	122.2	PK
165	5825	N/A	-44.63	-43.19	-40.84	3.970	3.970	6.98	-33.86	61.34	-60.86	122.2	PK
		N/A	-45.58	-46.10	-42.82	3.970	3.970	6.98	-35.84	59.36	-51.44	110.8	PK
		N/A	-46.43	-46.02	-43.21	3.970	3.970	6.98	-36.23	58.97	-46.23	105.2	PK
		N/A	-46.47	-47.36	-43.88	3.970	3.970	6.98	-36.90	58.30	-9.90	68.2	PK

802.11n 20M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
36	5180	N/A	-42.64	-43.60	-40.08	3.230	3.230	6.24	-33.84	61.36	-12.64	74	PK
		0.00	-52.89	-54.64	-50.67	3.230	3.230	6.24	-44.43	50.77	-3.23	54	AV
64	5320	N/A	-47.27	-45.98	-43.57	3.910	3.910	6.92	-36.65	58.55	-15.45	74	PK
		0.00	-60.24	-60.00	-57.11	3.910	3.910	6.92	-50.19	45.01	-8.99	54	AV
100	5500	N/A	-46.59	-46.87	-43.72	4.275	4.275	7.29	-36.43	58.77	-15.23	74	PK
		0.00	-60.40	-59.51	-56.92	4.275	4.275	7.29	-49.64	45.56	-8.44	54	AV
140	5700	N/A	-48.19	-46.96	-44.52	4.275	4.275	7.29	-37.24	57.96	-10.24	68.2	PK
		N/A	-45.69	-46.01	-42.84	4.275	4.275	7.29	-35.55	59.65	-8.55	68.2	PK
144	5720	N/A	-46.36	-42.10	-40.72	4.275	4.275	7.29	-33.43	61.77	-12.23	74	PK
		0.00	-61.12	-52.04	-51.53	4.275	4.275	7.29	-44.25	50.95	-3.05	54	AV
		N/A	-48.84	-46.89	-44.75	4.275	4.275	7.29	-37.46	57.74	-10.46	68.2	PK
		N/A	-45.69	-42.45	-40.76	4.275	4.275	7.29	-33.48	61.72	-6.48	68.2	PK
149	5745	N/A	-47.92	-47.57	-44.73	3.970	3.970	6.98	-37.75	57.45	-10.75	68.2	PK
		N/A	-46.32	-45.03	-42.62	3.970	3.970	6.98	-35.64	59.56	-45.64	105.2	PK
		N/A	-43.70	-43.31	-40.49	3.970	3.970	6.98	-33.51	61.69	-49.11	110.8	PK
		N/A	-42.03	-41.73	-38.87	3.970	3.970	6.98	-31.89	63.31	-58.89	122.2	PK
165	5825	N/A	-44.19	-43.22	-40.67	3.970	3.970	6.98	-33.69	61.51	-60.69	122.2	PK
		N/A	-44.23	-44.89	-41.54	3.970	3.970	6.98	-34.56	60.64	-50.16	110.8	PK
		N/A	-45.75	-45.92	-42.82	3.970	3.970	6.98	-35.84	59.36	-45.84	105.2	PK
		N/A	-45.72	-47.13	-43.36	3.970	3.970	6.98	-36.38	58.82	-9.38	68.2	PK

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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802.11n 40M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
38	5190	N/A	-44.34	-43.05	-40.64	3.230	3.230	6.24	-34.40	60.80	-13.20	74	PK
		0.00	-54.36	-53.35	-50.82	3.230	3.230	6.24	-44.58	50.62	-3.38	54	AV
62	5310	N/A	-44.94	-44.04	-41.46	3.910	3.910	6.92	-34.54	60.66	-13.34	74	PK
		0.00	-55.78	-53.86	-51.70	3.910	3.910	6.92	-44.78	50.42	-3.58	54	AV
102	5510	N/A	-43.99	-43.66	-40.81	4.275	4.275	7.29	-33.53	61.67	-12.33	74	PK
		0.00	-54.99	-55.18	-52.07	4.275	4.275	7.29	-44.79	50.41	-3.59	54	AV
134	5670	N/A	-42.73	-42.10	-39.39	4.275	4.275	7.29	-32.11	63.09	-5.11	68.2	PK
		N/A	-45.43	-44.58	-41.97	4.275	4.275	7.29	-34.69	60.51	-7.69	68.2	PK
142	5710	N/A	-45.94	-42.82	-41.10	4.275	4.275	7.29	-33.81	61.39	-12.61	74	PK
		0.00	-60.21	-52.87	-52.13	4.275	4.275	7.29	-44.85	50.35	-3.65	54	AV
		N/A	-47.49	-47.46	-44.46	4.275	4.275	7.29	-37.18	58.02	-10.18	68.2	PK
		N/A	-46.05	-44.75	-42.34	4.275	4.275	7.29	-35.06	60.14	-8.06	68.2	PK
151	5755	N/A	-46.31	-44.96	-42.57	3.970	3.970	6.98	-35.59	59.61	-8.59	68.2	PK
		N/A	-45.20	-44.06	-41.58	3.970	3.970	6.98	-34.60	60.60	-44.60	105.2	PK
		N/A	-42.55	-40.91	-38.64	3.970	3.970	6.98	-31.66	63.54	-47.26	110.8	PK
		N/A	-36.34	-36.26	-33.29	3.970	3.970	6.98	-26.31	68.89	-53.31	122.2	PK
159	5795	N/A	-38.08	-42.21	-36.66	3.970	3.970	6.98	-29.68	65.52	-56.68	122.2	PK
		N/A	-39.61	-43.36	-38.08	3.970	3.970	6.98	-31.10	64.10	-46.70	110.8	PK
		N/A	-42.92	-43.82	-40.34	3.970	3.970	6.98	-33.36	61.84	-43.36	105.2	PK
		N/A	-42.72	-40.91	-38.71	3.970	3.970	6.98	-31.73	63.47	-4.73	68.2	PK

802.11ac 80M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
42	5210	N/A	-43.42	-44.16	-40.76	3.230	3.230	6.24	-34.52	60.68	-13.32	74	PK
		0.00	-53.20	-54.10	-50.62	3.230	3.230	6.24	-44.38	50.82	-3.18	54	AV
58	5290	N/A	-44.60	-43.36	-40.93	3.910	3.910	6.92	-34.01	61.19	-12.81	74	PK
		0.00	-54.67	-53.72	-51.16	3.910	3.910	6.92	-44.24	50.96	-3.04	54	AV
106	5530	N/A	-43.94	-44.11	-41.01	4.275	4.275	7.29	-33.73	61.47	-12.53	74	PK
		0.00	-55.20	-55.49	-52.33	4.275	4.275	7.29	-45.05	50.15	-3.85	54	AV
122	5610	N/A	-43.28	-42.04	-39.61	4.275	4.275	7.29	-32.32	62.88	-5.32	68.2	PK
		N/A	-41.57	-41.06	-38.30	4.275	4.275	7.29	-31.01	64.19	-4.01	68.2	PK
138	5690	N/A	-45.14	-43.10	-40.99	4.275	4.275	7.29	-33.71	61.49	-12.51	74	PK
		0.00	-57.72	-53.30	-51.96	4.275	4.275	7.29	-44.67	50.53	-3.47	54	AV
		N/A	-46.15	-46.24	-43.18	4.275	4.275	7.29	-35.90	59.30	-8.90	68.2	PK
		N/A	-45.93	-42.99	-41.21	4.275	4.275	7.29	-33.92	61.28	-6.92	68.2	PK
155	5775	N/A	-43.99	-43.57	-40.76	3.970	3.970	6.98	-33.78	61.42	-6.78	68.2	PK
		N/A	-42.64	-42.64	-39.63	3.970	3.970	6.98	-32.65	62.55	-42.65	105.2	PK
		N/A	-31.95	-30.59	-28.21	3.970	3.970	6.98	-21.23	73.97	-36.83	110.8	PK
		N/A	-23.50	-21.98	-19.66	3.970	3.970	6.98	-12.68	82.52	-39.68	122.2	PK
		N/A	-45.76	-43.04	-41.18	3.970	3.970	6.98	-34.20	61.00	-61.20	122.2	PK
		N/A	-46.05	-45.08	-42.53	3.970	3.970	6.98	-35.55	59.65	-51.15	110.8	PK
		N/A	-44.85	-43.99	-41.39	3.970	3.970	6.98	-34.41	60.79	-44.41	105.2	PK
		N/A	-45.16	-43.50	-41.24	3.970	3.970	6.98	-34.26	60.94	-7.26	68.2	PK

802.11ac 160M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
50	5250	N/A	-42.77	-44.31	-40.46	3.910	3.910	6.92	-33.54	61.66	-12.34	74	PK
		0.00	-53.85	-54.97	-51.36	3.910	3.910	6.92	-44.44	50.76	-3.24	54	AV
		N/A	-44.06	-45.78	-41.83	3.910	3.910	6.92	-34.90	60.30	-13.70	74	PK
		0.00	-56.99	-55.71	-53.29	3.910	3.910	6.92	-46.37	48.83	-5.17	54	AV
114	5570	N/A	-45.36	-42.72	-40.83	4.275	4.275	7.29	-33.55	61.65	-12.35	74	PK
		0.00	-56.24	-54.33	-52.17	4.275	4.275	7.29	-44.89	50.31	-3.69	54	AV
		N/A	-45.70	-43.69	-41.57	4.275	4.275	7.29	-34.28	60.92	-7.28	68.2	PK
		N/A	-45.66	-46.41	-43.01	4.275	4.275	7.29	-35.72	59.48	-8.72	68.2	PK

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802.11be 20M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
36	5180	N/A	-41.68	-42.63	-39.12	3.230	3.230	6.24	-32.88	62.32	-11.68	74	PK
		0.00	-52.83	-54.79	-50.69	3.230	3.230	6.24	-44.45	50.75	-3.25	54	AV
64	5320	N/A	-47.34	-45.55	-43.34	3.910	3.910	6.92	-36.42	58.78	-15.22	74	PK
		0.00	-59.18	-59.02	-56.09	3.910	3.910	6.92	-49.17	46.03	-7.97	54	AV
100	5500	N/A	-45.07	-46.56	-42.74	4.275	4.275	7.29	-35.46	59.74	-14.26	74	PK
		0.00	-59.57	-58.94	-56.23	4.275	4.275	7.29	-48.95	46.25	-7.75	54	AV
140	5700	N/A	-46.65	-47.25	-43.93	4.275	4.275	7.29	-36.64	58.56	-9.64	68.2	PK
		N/A	-46.09	-46.00	-43.03	4.275	4.275	7.29	-35.75	59.45	-8.75	68.2	PK
144	5720	N/A	-48.03	-42.56	-41.48	4.275	4.275	7.29	-34.19	61.01	-12.99	74	PK
		0.00	-61.40	-52.17	-51.68	4.275	4.275	7.29	-44.39	50.81	-3.19	54	AV
		N/A	-49.47	-49.82	-46.63	4.275	4.275	7.29	-39.35	55.85	-12.35	68.2	PK
		N/A	-45.19	-41.74	-40.12	4.275	4.275	7.29	-32.84	62.36	-5.84	68.2	PK
149	5745	N/A	-45.50	-46.62	-43.01	3.970	3.970	6.98	-36.03	59.17	-9.03	68.2	PK
		N/A	-46.41	-45.47	-42.90	3.970	3.970	6.98	-35.92	59.28	-45.92	105.2	PK
		N/A	-44.18	-44.21	-41.18	3.970	3.970	6.98	-34.20	61.00	-49.80	110.8	PK
		N/A	-43.05	-42.29	-39.64	3.970	3.970	6.98	-32.66	62.54	-59.66	122.2	PK
165	5825	N/A	-41.79	-38.89	-37.09	3.970	3.970	6.98	-30.11	65.09	-57.11	122.2	PK
		N/A	-42.39	-41.56	-38.94	3.970	3.970	6.98	-31.96	63.24	-47.56	110.8	PK
		N/A	-44.00	-43.53	-40.75	3.970	3.970	6.98	-33.77	61.43	-43.77	105.2	PK
		N/A	-45.72	-45.38	-42.54	3.970	3.970	6.98	-35.56	59.64	-8.56	68.2	PK

802.11be 40M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
38	5190	N/A	-44.30	-42.48	-40.29	3.230	3.230	6.24	-34.04	61.16	-12.84	74	PK
		0.00	-54.22	-53.56	-50.87	3.230	3.230	6.24	-44.63	50.57	-3.43	54	AV
62	5310	N/A	-44.77	-43.62	-41.15	3.910	3.910	6.92	-34.23	60.97	-13.03	74	PK
		0.00	-55.69	-53.60	-51.51	3.910	3.910	6.92	-44.59	50.61	-3.39	54	AV
102	5510	N/A	-43.23	-43.62	-40.41	4.275	4.275	7.29	-33.13	62.07	-11.93	74	PK
		0.00	-54.77	-54.77	-51.76	4.275	4.275	7.29	-44.47	50.73	-3.27	54	AV
		N/A	-42.43	-42.34	-39.37	4.275	4.275	7.29	-32.09	63.11	-5.09	68.2	PK
134	5670	N/A	-45.24	-45.35	-42.28	4.275	4.275	7.29	-35.00	60.20	-8.00	68.2	PK
142	5710	N/A	-46.85	-39.71	-38.94	4.275	4.275	7.29	-31.66	63.54	-10.46	74	PK
		0.00	-60.75	-52.49	-51.89	4.275	4.275	7.29	-44.60	50.60	-3.40	54	AV
		N/A	-47.10	-47.58	-44.32	4.275	4.275	7.29	-37.04	58.16	-10.04	68.2	PK
		N/A	-46.20	-43.25	-41.47	4.275	4.275	7.29	-34.18	61.02	-7.18	68.2	PK
151	5755	N/A	-45.83	-43.57	-41.54	3.970	3.970	6.98	-34.56	60.64	-7.56	68.2	PK
		N/A	-44.67	-42.84	-40.65	3.970	3.970	6.98	-33.67	61.53	-43.67	105.2	PK
		N/A	-40.83	-41.33	-38.06	3.970	3.970	6.98	-31.08	64.12	-46.68	110.8	PK
		N/A	-39.01	-37.99	-35.46	3.970	3.970	6.98	-28.48	66.72	-55.48	122.2	PK
159	5795	N/A	-35.64	-39.89	-34.25	3.970	3.970	6.98	-27.27	67.93	-54.27	122.2	PK
		N/A	-41.57	-43.15	-39.28	3.970	3.970	6.98	-32.30	62.90	-47.90	110.8	PK
		N/A	-43.49	-43.79	-40.63	3.970	3.970	6.98	-33.65	61.55	-43.65	105.2	PK
		N/A	-42.95	-41.29	-39.03	3.970	3.970	6.98	-32.05	63.15	-5.05	68.2	PK

802.11be 80M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
42	5210	N/A	-41.69	-43.41	-39.46	3.230	3.230	6.24	-33.21	61.99	-12.01	74	PK
		0.00	-53.89	-53.88	-50.87	3.230	3.230	6.24	-44.63	50.57	-3.43	54	AV
58	5290	N/A	-44.87	-43.73	-41.25	3.910	3.910	6.92	-34.33	60.87	-13.13	74	PK
		0.00	-55.36	-53.36	-51.24	3.910	3.910	6.92	-44.32	50.88	-3.12	54	AV
106	5530	N/A	-42.68	-43.41	-40.02	4.275	4.275	7.29	-32.73	62.47	-11.53	74	PK
		0.00	-54.75	-54.55	-51.64	4.275	4.275	7.29	-44.35	50.85	-3.15	54	AV
122	5610	N/A	-40.99	-42.36	-38.61	4.275	4.275	7.29	-31.33	63.87	-4.33	68.2	PK
		N/A	-41.08	-40.78	-37.92	4.275	4.275	7.29	-30.63	64.57	-3.63	68.2	PK
138	5690	N/A	-44.26	-42.60	-40.34	4.275	4.275	7.29	-33.06	62.14	-11.86	74	PK
		0.00	-57.51	-52.99	-51.68	4.275	4.275	7.29	-44.39	50.81	-3.19	54	AV
		N/A	-44.34	-44.43	-41.37	4.275	4.275	7.29	-34.09	61.11	-7.09	68.2	PK
		N/A	-44.36	-43.77	-41.04	4.275	4.275	7.29	-33.76	61.44	-6.76	68.2	PK
155	5775	N/A	-42.50	-42.24	-39.36	3.970	3.970	6.98	-32.38	62.82	-5.38	68.2	PK
		N/A	-40.55	-40.64	-37.58	3.970	3.970	6.98	-30.60	64.60	-40.60	105.2	PK
		N/A	-33.57	-32.76	-30.14	3.970	3.970	6.98	-23.16	72.04	-38.76	110.8	PK
		N/A	-22.96	-25.90	-21.18	3.970	3.970	6.98	-14.20	81.00	-41.20	122.2	PK
		N/A	-43.19	-41.00	-38.95	3.970	3.970	6.98	-31.97	63.23	-58.97	122.2	PK
		N/A	-42.80	-42.54	-39.66	3.970	3.970	6.98	-32.68	62.52	-48.28	110.8	PK
		N/A	-45.53	-43.27	-41.24	3.970	3.970	6.98	-34.26	60.94	-44.26	105.2	PK
		N/A	-45.21	-43.48	-41.25	3.970	3.970	6.98	-34.27	60.93	-7.27	68.2	PK

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802.11be 160M

Channel	Frequency (MHz)	Duty factor (dB)	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain		Directional Gain (dBi)	EIRP Combine (dBm)	Emission Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	
			Chain 0	Chain 1	2TX (Ch0+1)	Chain 0	Chain 1						
50	5250	N/A	-42.09	-44.75	-40.21	3.910	3.910	6.92	-33.29	61.91	-12.09	74	PK
		0.00	-53.73	-54.76	-51.20	3.910	3.910	6.92	-44.28	50.92	-3.08	54	AV
		N/A	-46.54	-46.18	-43.35	3.910	3.910	6.92	-36.43	58.77	-15.23	74	PK
		0.00	-57.34	-55.64	-53.40	3.910	3.910	6.92	-46.48	48.72	-5.28	54	AV
114	5570	N/A	-44.80	-42.53	-40.51	4.275	4.275	7.29	-33.22	61.98	-12.02	74	PK
		0.00	-55.91	-53.91	-51.79	4.275	4.275	7.29	-44.50	50.70	-3.30	54	AV
		N/A	-45.78	-42.86	-41.07	4.275	4.275	7.29	-33.78	61.42	-6.78	68.2	PK
		N/A	-47.44	-46.47	-43.92	4.275	4.275	7.29	-36.63	58.57	-9.63	68.2	PK

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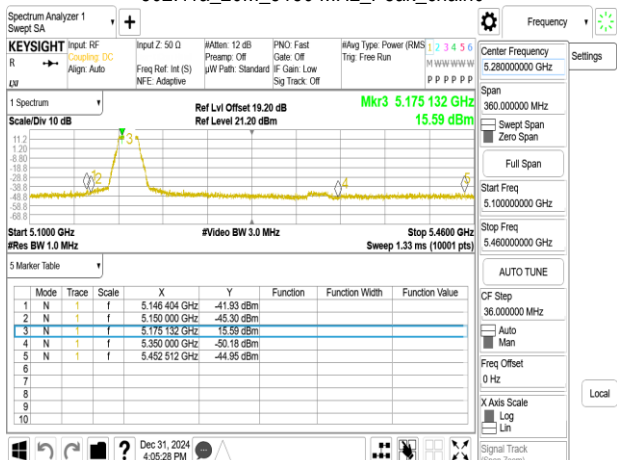
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f (886-2) 2298-0488

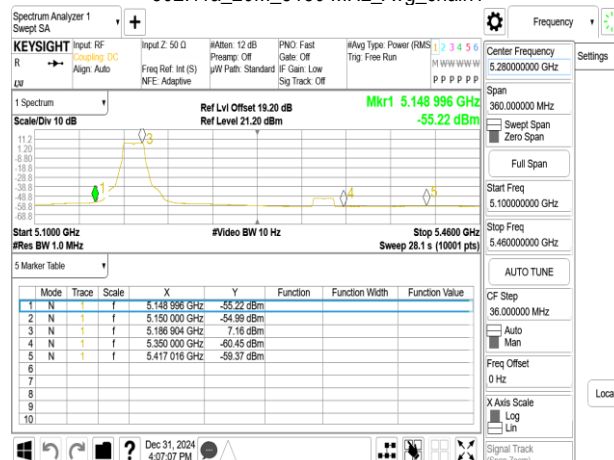
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802.11a_20M_5180 MHz_Peak_chain0



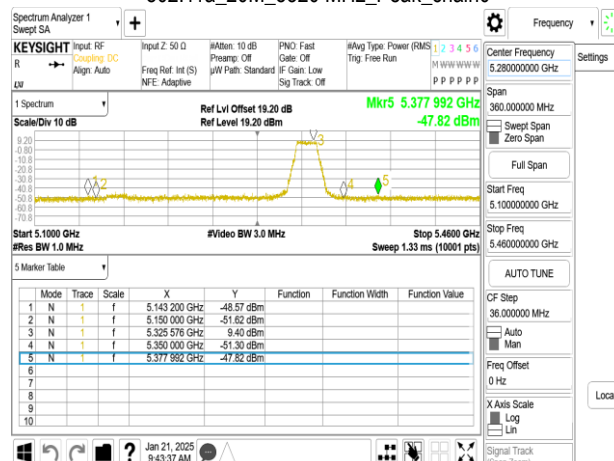
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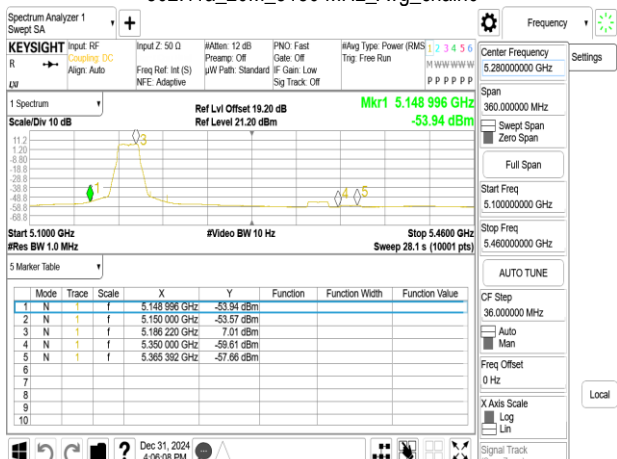
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802.11a_20M_5320 MHz_Peak_chain0



802.11a_20M_5180 MHz_Avg_chain0



802.11a_20M_5320 MHz_Peak_chain1



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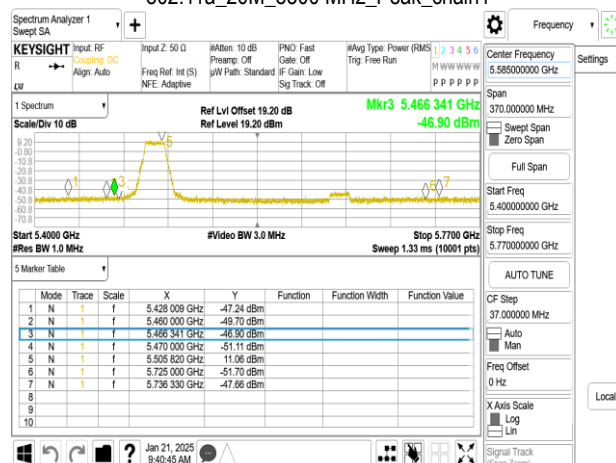
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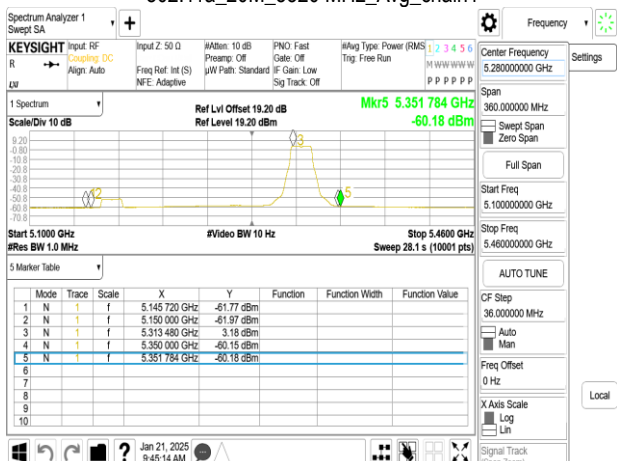
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802.11a_20M_5500 MHz_Peak_chain1



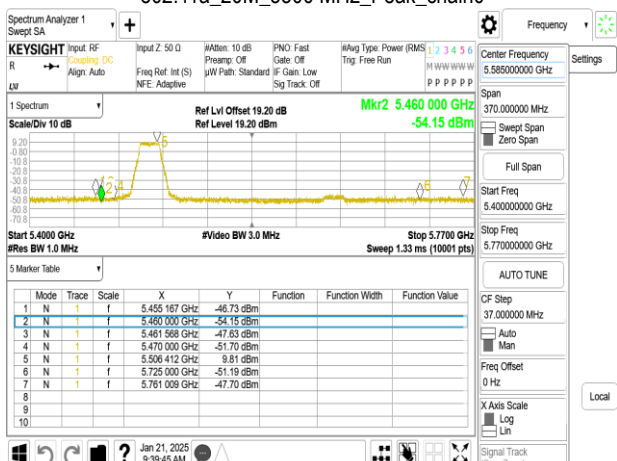
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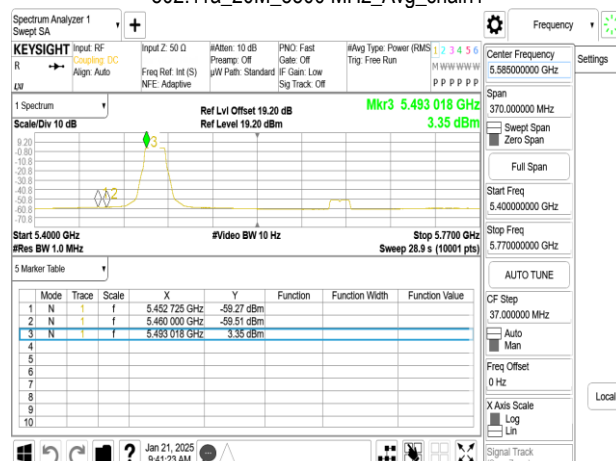
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802.11a_20M_5500 MHz_Peak_chain0



802.11a_20M_5500 MHz_Avg_chain1

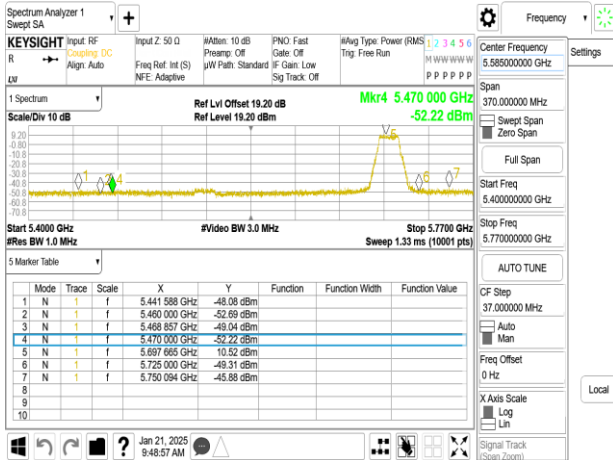


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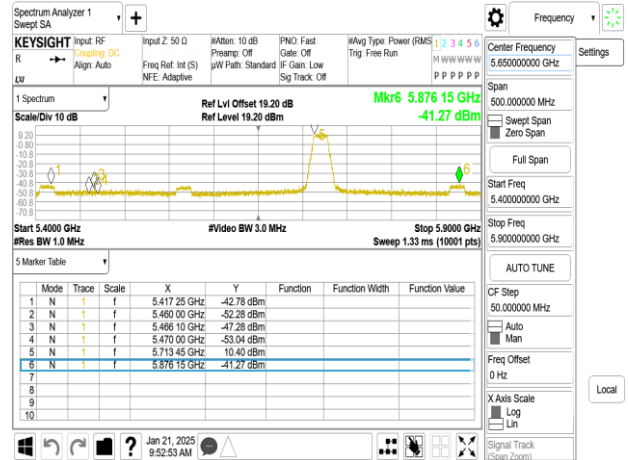
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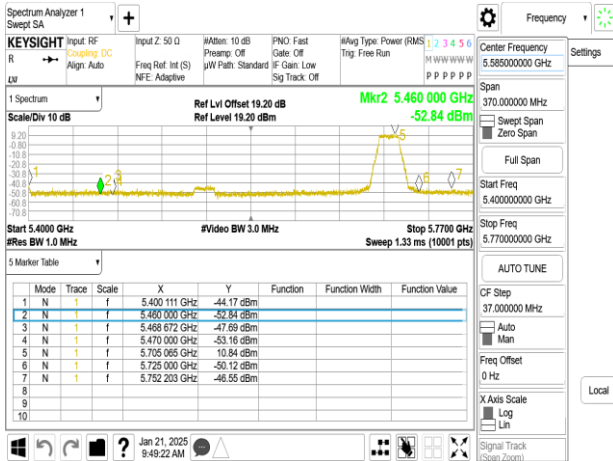
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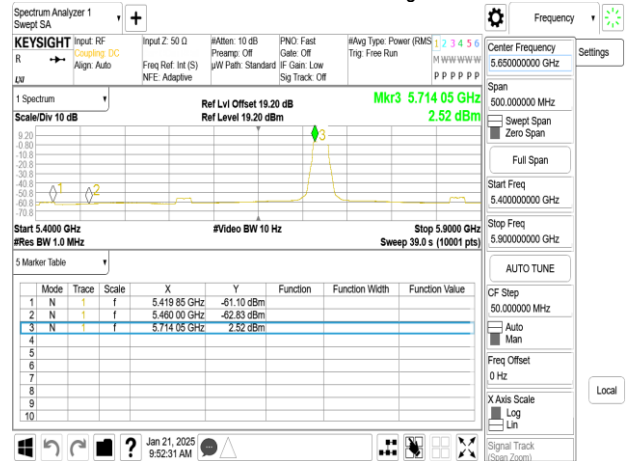
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802.11a_20M_5700 MHz_Peak_chain1



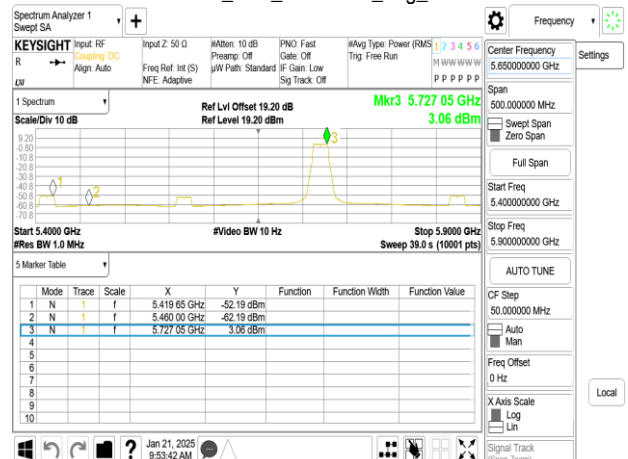
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802.11a_20M_5720 MHz_Peak_chain0



802.11a_20M_5720 MHz_Avg_chain1

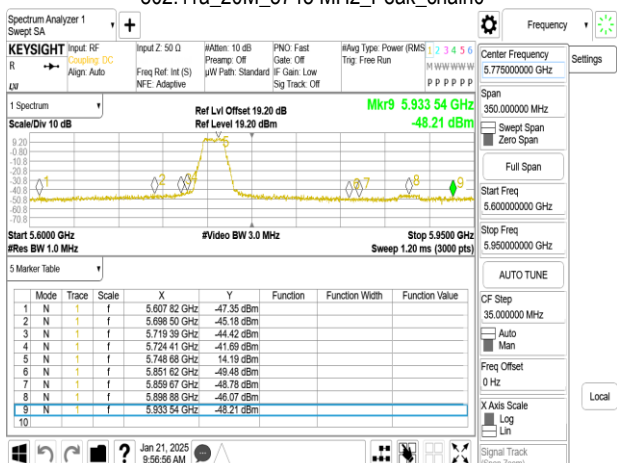


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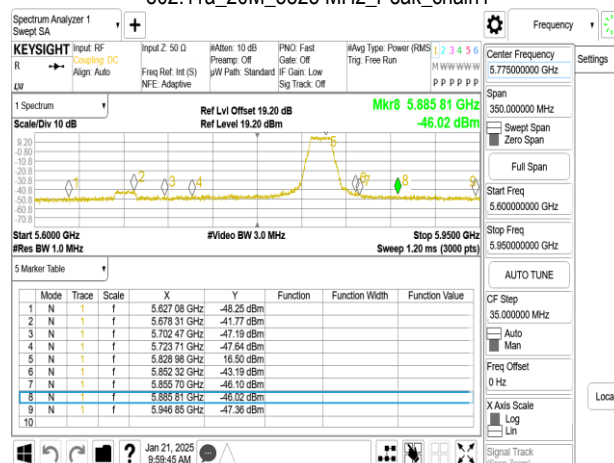
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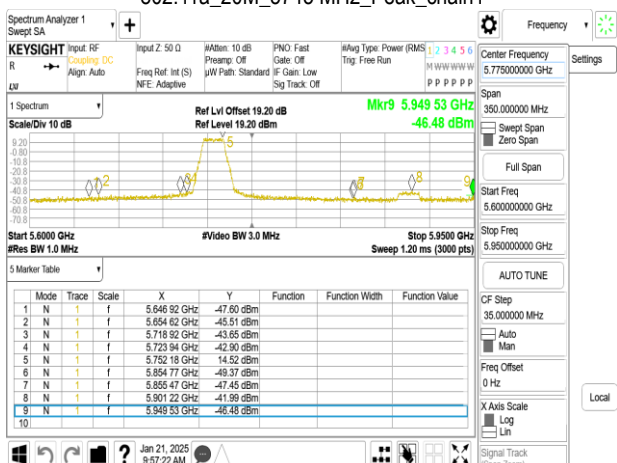
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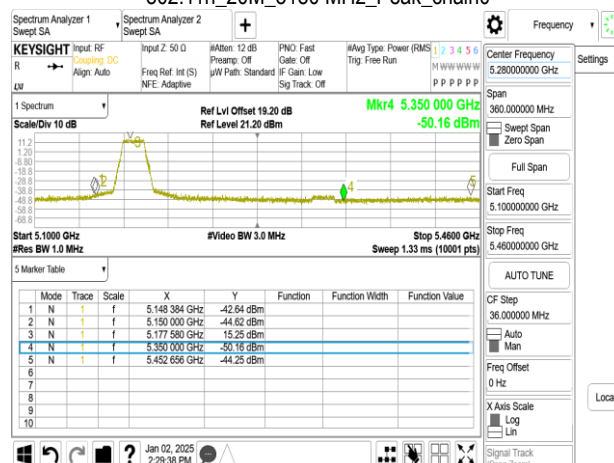
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802.11a_20M_5745 MHz_Peak_chain1



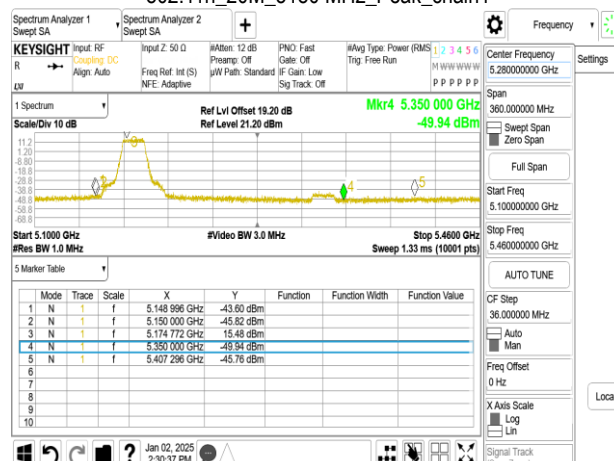
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802.11a_20M_5825 MHz_Peak_chain0



802.11n_20M_5180 MHz_Peak_chain1

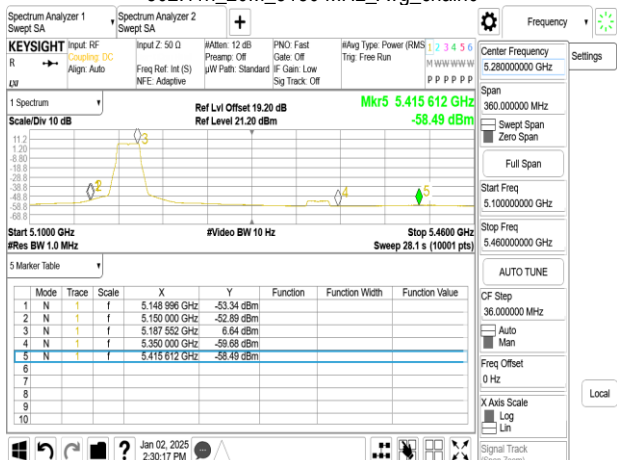


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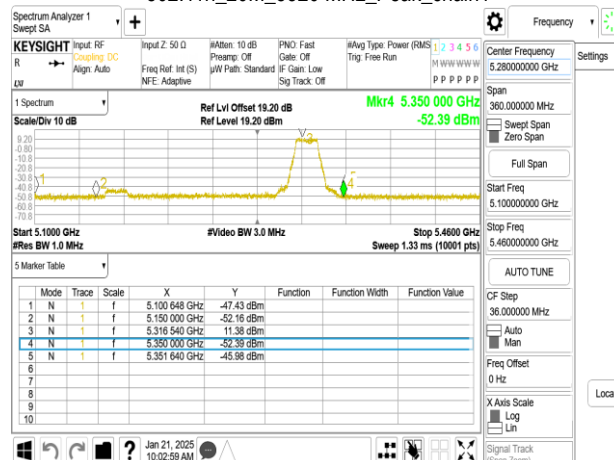
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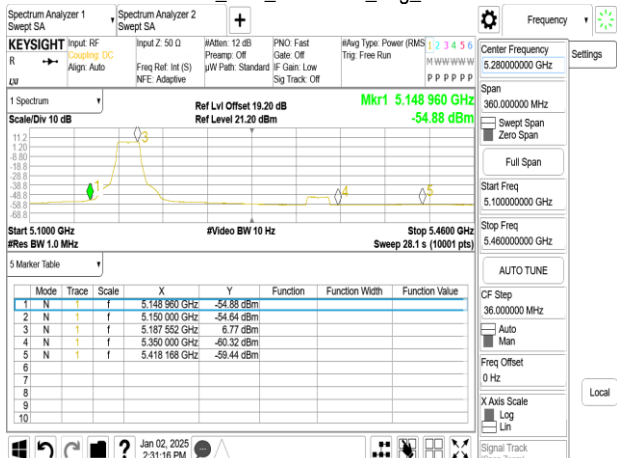
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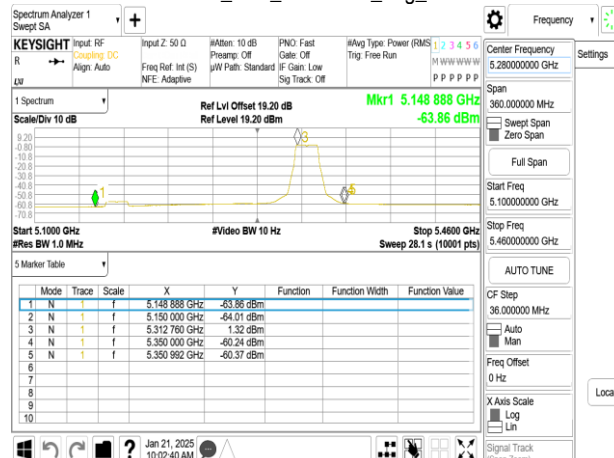
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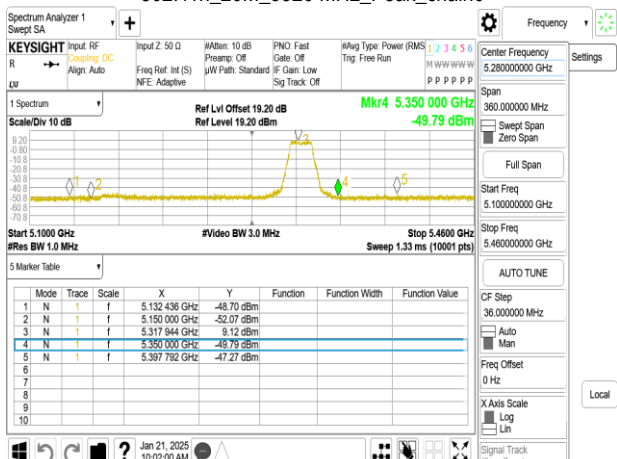
802.11n_20M_5180 MHz_Avg_chain1



802.11n_20M_5320 MHz_Avg_chain0



802.11n_20M_5320 MHz_Peak_chain0



802.11n_20M_5320 MHz_Avg_chain1



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