

A.6 Contention Based Protocol

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted ☐ Radiation	The Regulated Threshold Level = -62 dBm (assumes a 0 dBi receive antenna)

Test Data

U-NII-5 (5925 MHz to 6425 MHz)											
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status	Detection Rate	Detection Limit	Test Result
11be20	73	6315	6315	-69.65	5.95	-63.70	-62	Ceased	100%	90%	Pass
				-70.15	5.95	-64.20	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
11be320	31	6105	5950	-70.23	5.95	-64.28	-62	Ceased	90%	90%	Pass
				-70.73	5.95	-64.78	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6105	-71.23	5.95	-65.28	-62	Ceased	90%	90%	Pass
				-71.73	5.95	-65.78	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6260	-71.25	5.95	-65.30	-62	Ceased	90%	90%	Pass
				-71.75	5.95	-65.80	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/

U-NII-6 (6425 MHz to 6525 MHz)											
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status	Detection Rate	Detection Limit	Test Result
11be20	101	6455	6455	-69.43	5.95	-63.48	-62	Ceased	100%	90%	Pass
				-69.93	5.95	-63.98	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
11be320	95	6425	6270	-70.43	5.95	-64.48	-62	Ceased	90%	90%	Pass
				-70.93	5.95	-64.98	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6425	-71.67	5.95	-65.72	-62	Ceased	90%	90%	Pass
				-72.17	5.95	-66.22	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6580	-72.32	5.95	-66.37	-62	Ceased	90%	90%	Pass
				-72.82	5.95	-66.87	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/

U-NII-7 (6525 MHz to 6875 MHz)

Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status	Detection Rate	Detection Limit	Test Result
11be20	149	6695	6695	-69.70	5.95	-63.75	-62	Ceased	100%	90%	Pass
				-70.20	5.95	-64.25	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
11be320	159	6745	6590	-70.15	5.95	-64.20	-62	Ceased	90%	90%	Pass
				-70.65	5.95	-64.70	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6745	-69.73	5.95	-63.78	-62	Ceased	90%	90%	Pass
				-70.23	5.95	-64.28	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/
			6900	-70.29	5.95	-64.34	-62	Ceased	90%	90%	Pass
				-70.79	5.95	-64.84	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/

U-NII-8 (6875 MHz to 7125 MHz)

Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status	Detection Rate	Detection Limit	Test Result
11be20	213	7015	7015	-70.21	5.95	-64.26	-62	Ceased	100%	90%	Pass
				-70.71	5.95	-64.76	-62	Minimal	/	/	/
				-82.00	5.95	-76.05	-62	Normal	/	/	/

A.7 In-Band Emissions

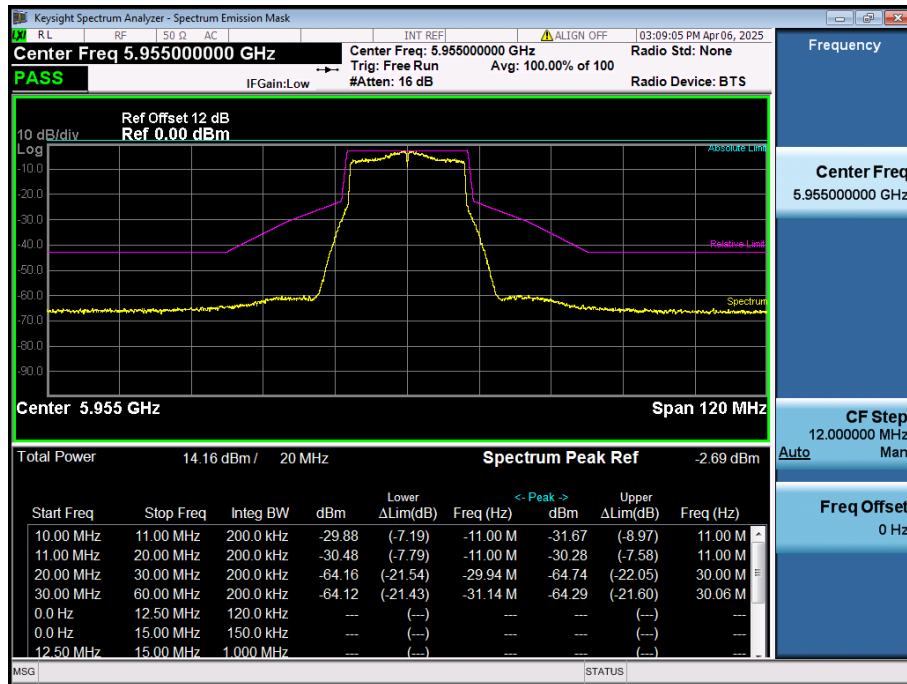
Note¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note²: All antenna were pre tested, but only the worst case has been reported in this report.

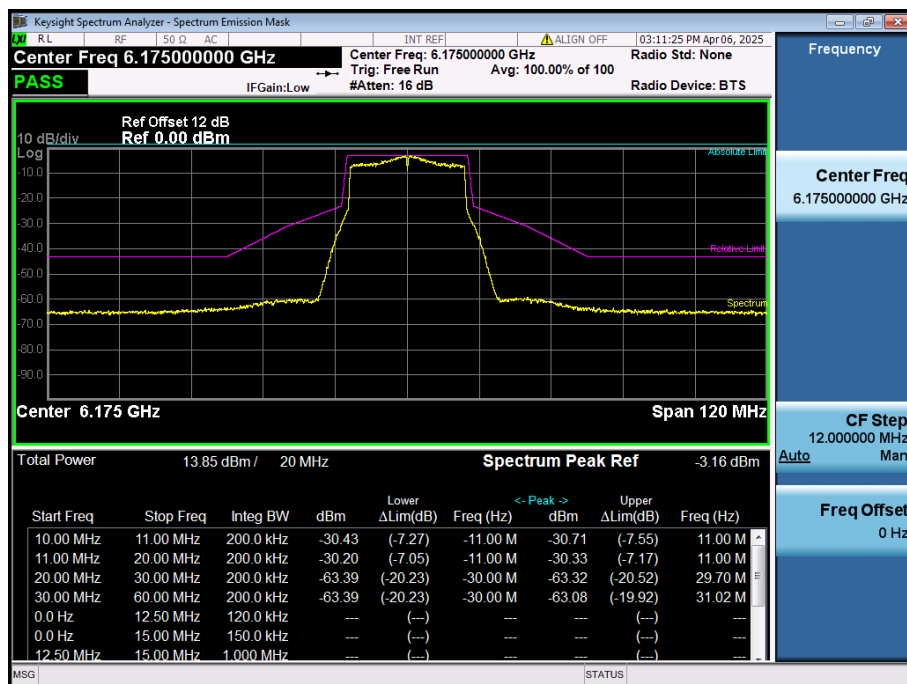
Test Plots

Aux. Antenna

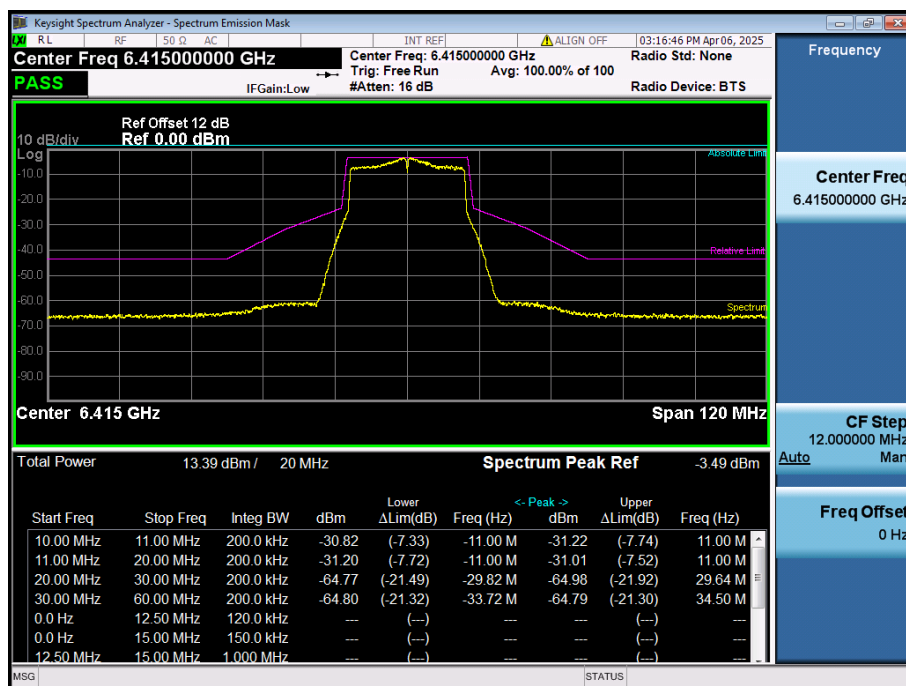
11ax20(SU), U-NII-5, Low Channel



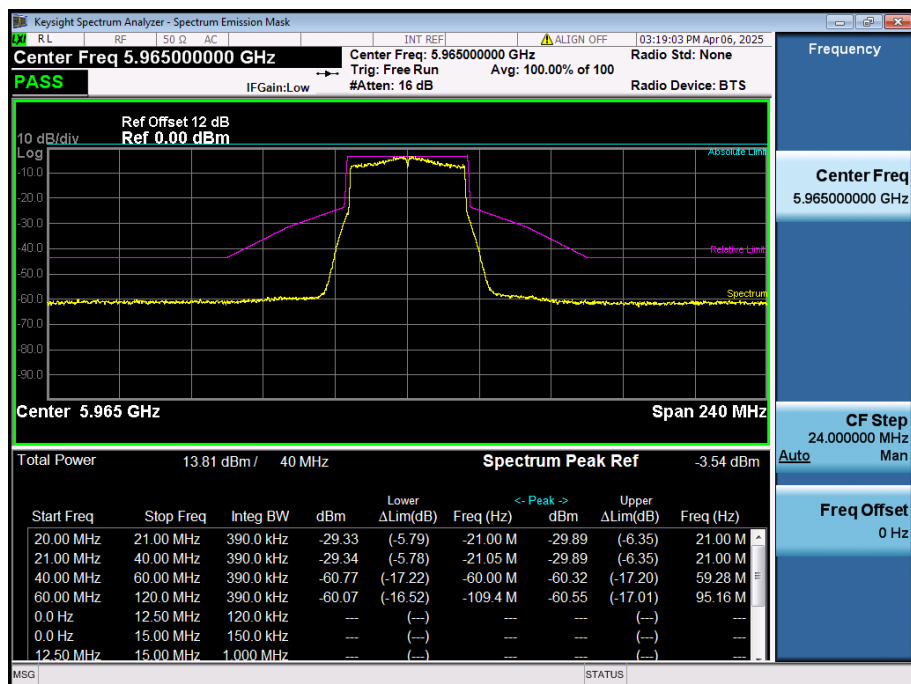
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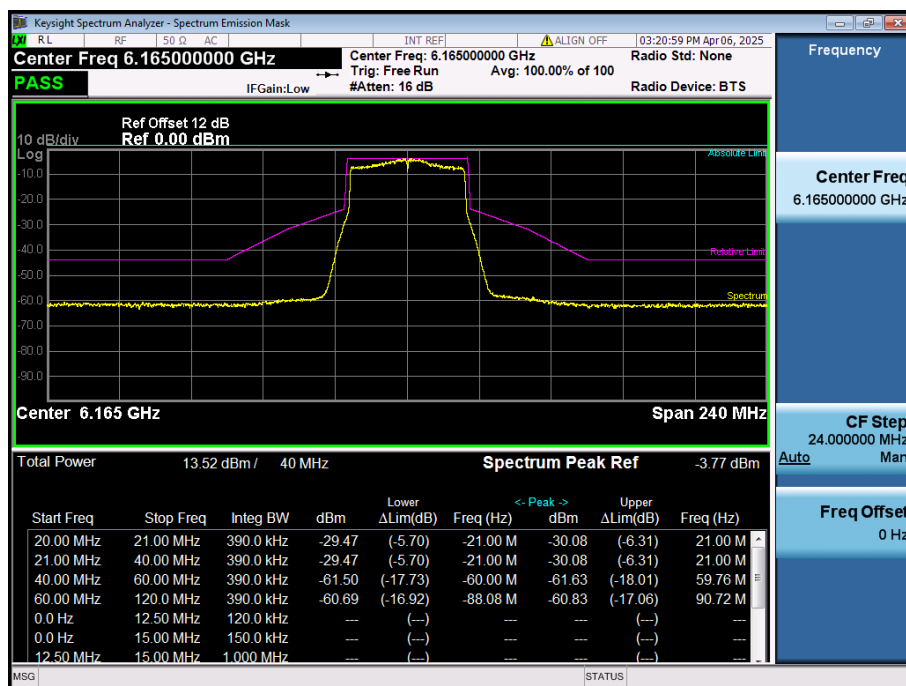
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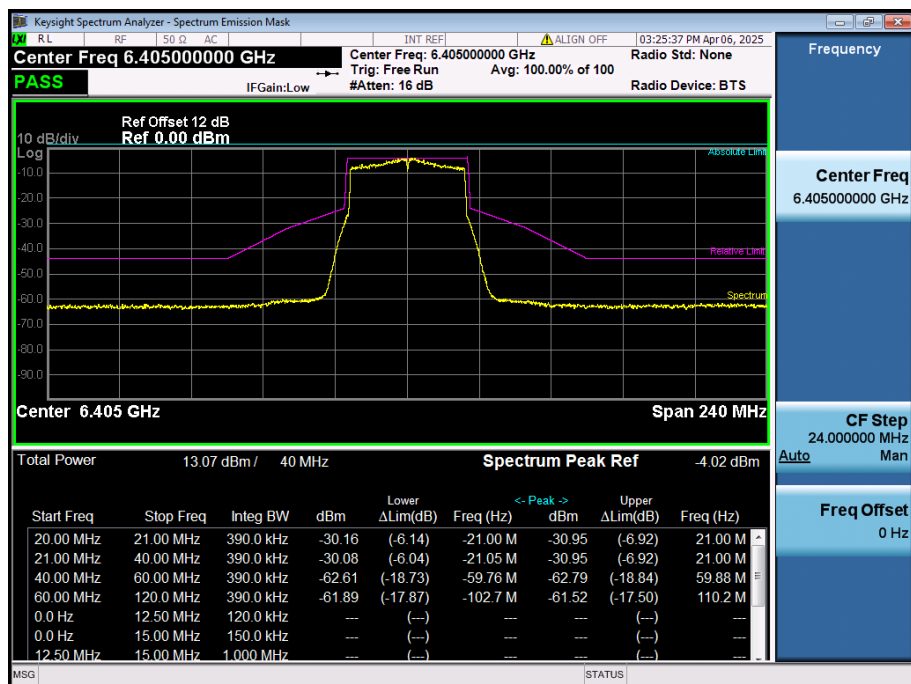
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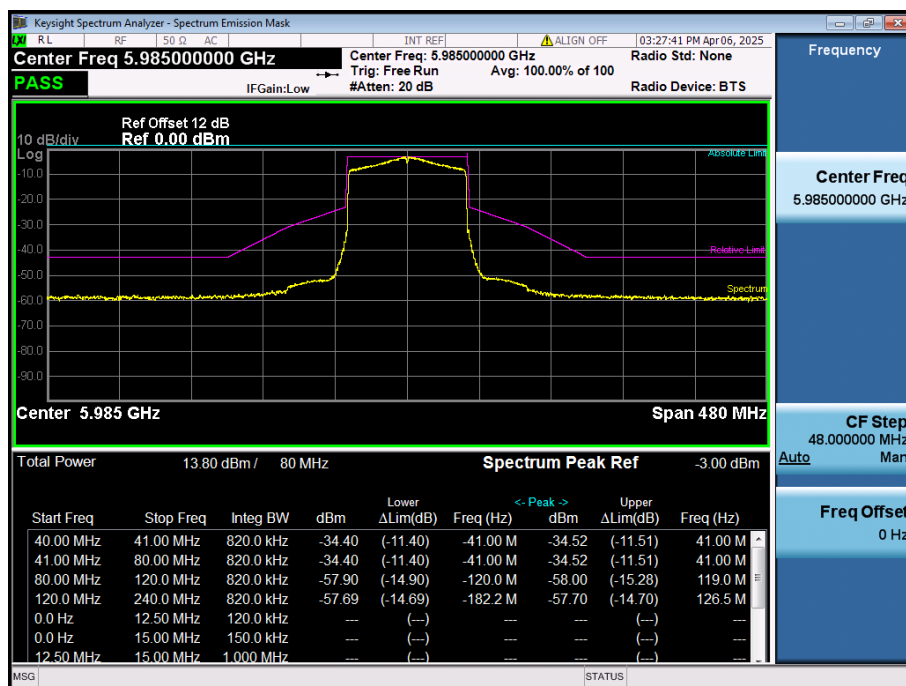
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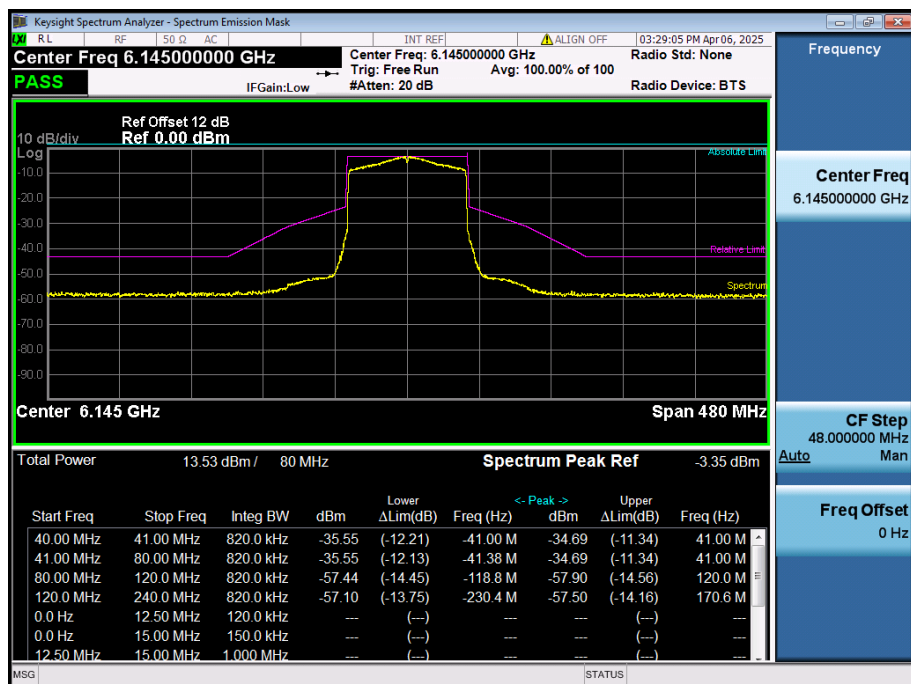
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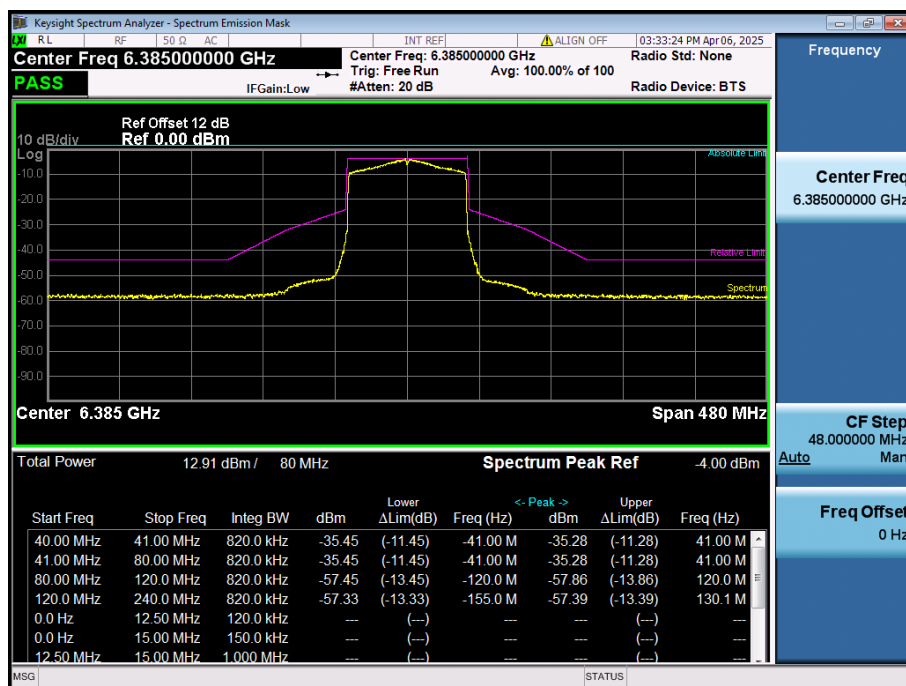
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11ax80(SU), U-NII-5, Middle Channel



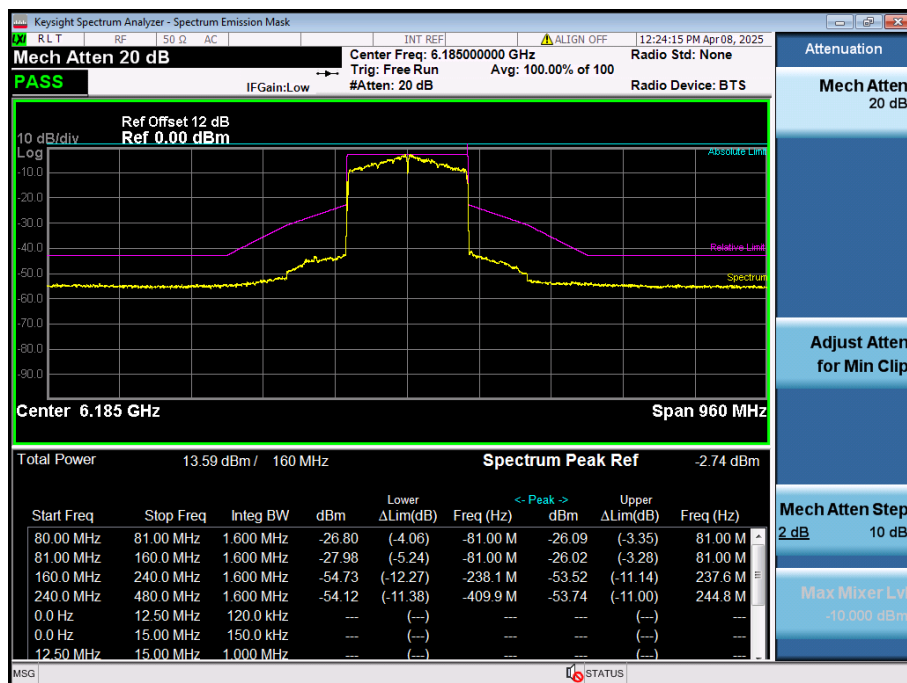
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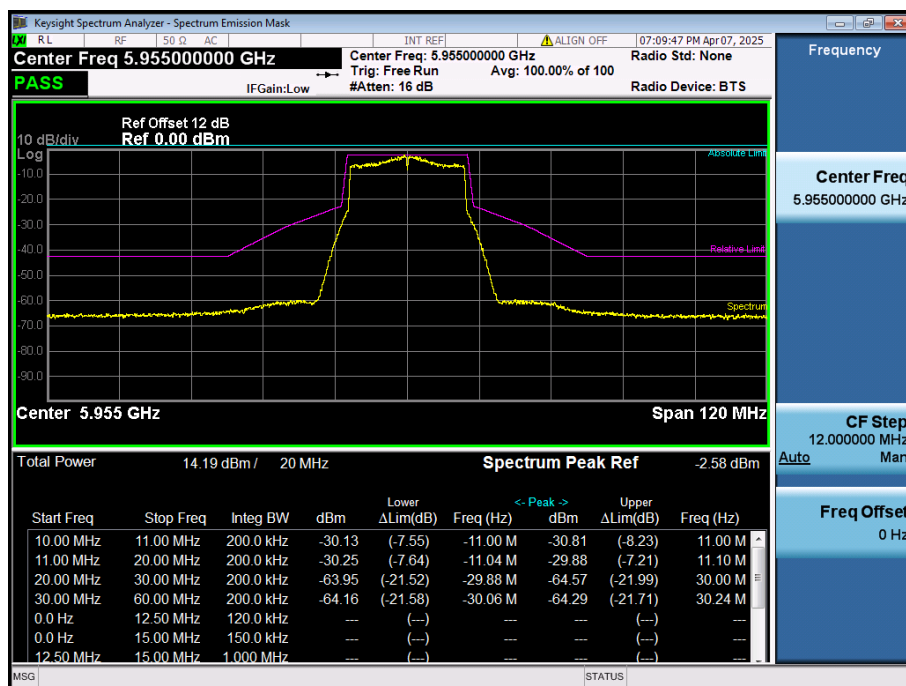
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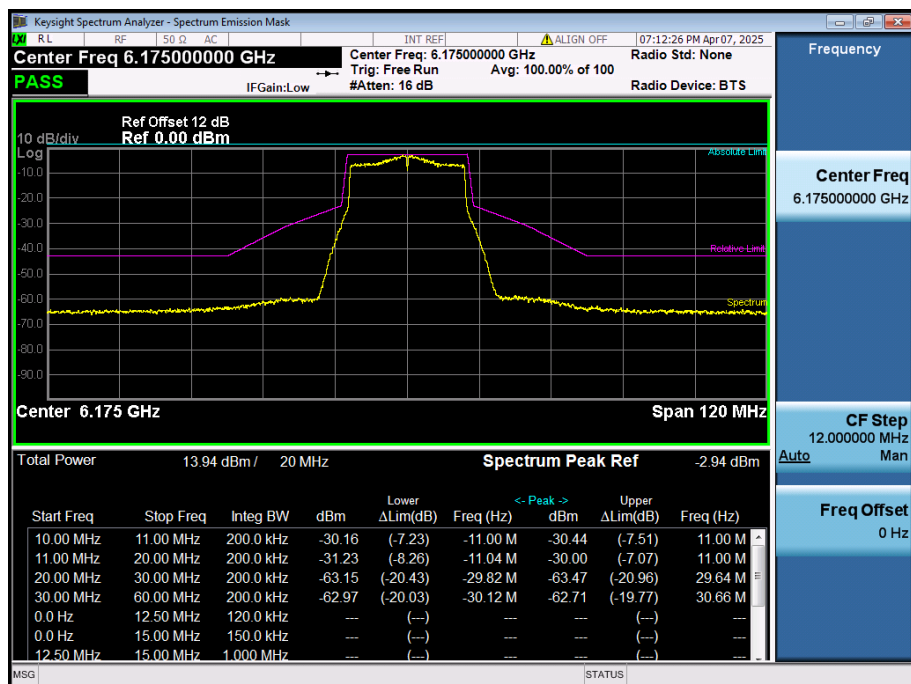
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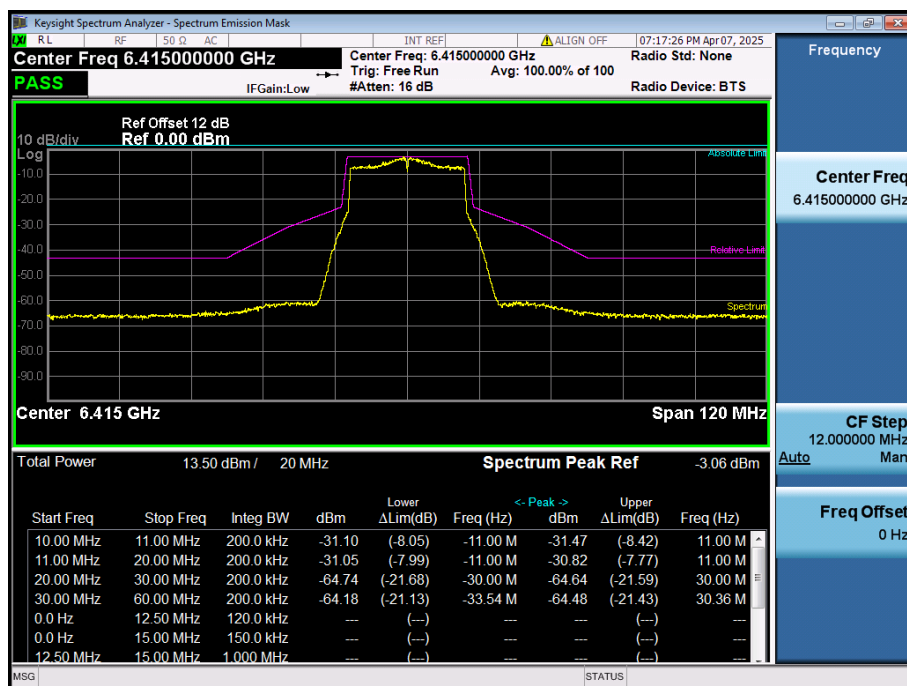
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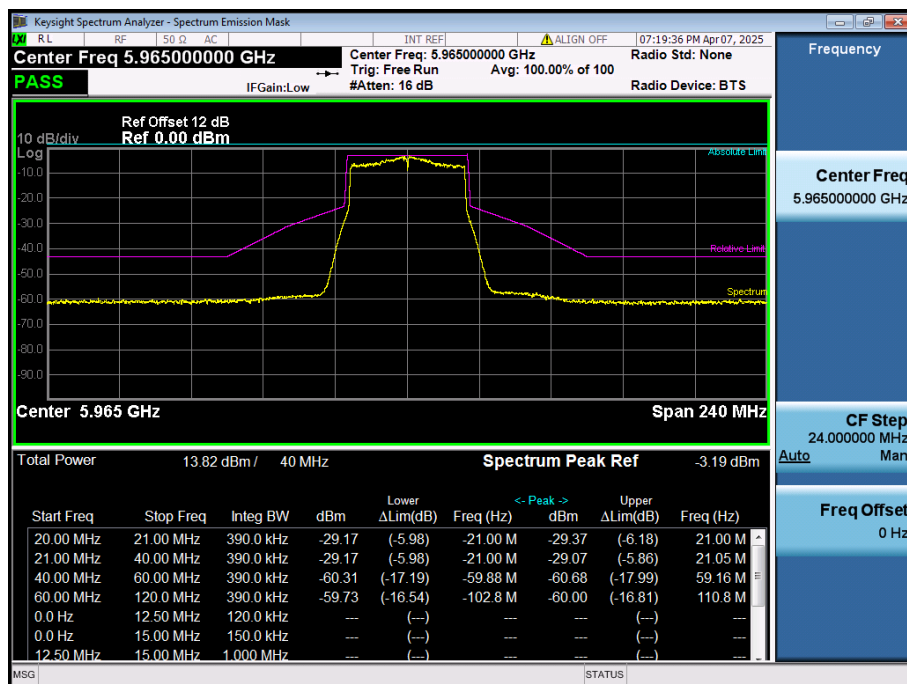
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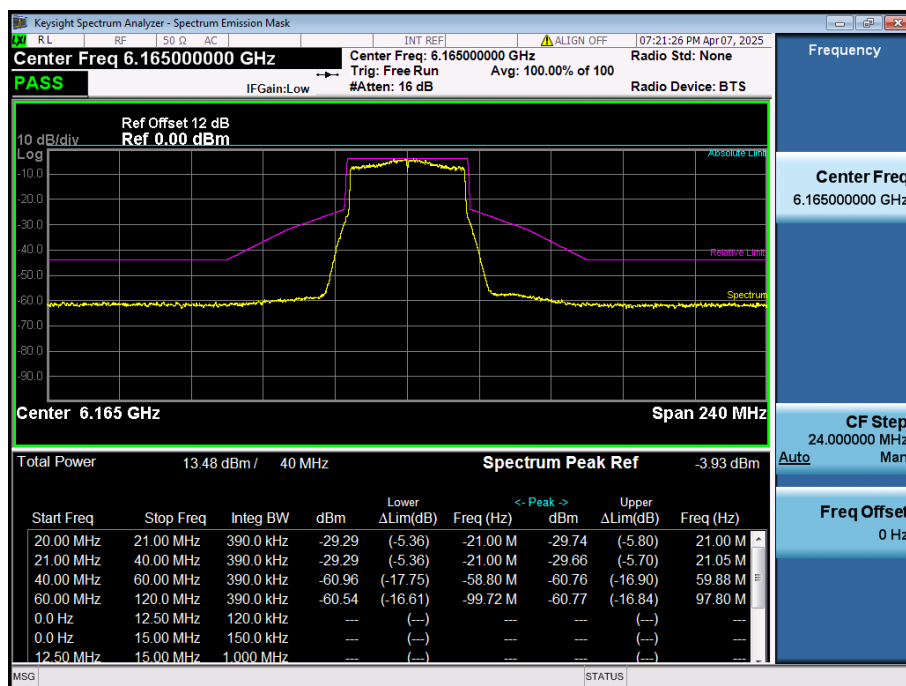
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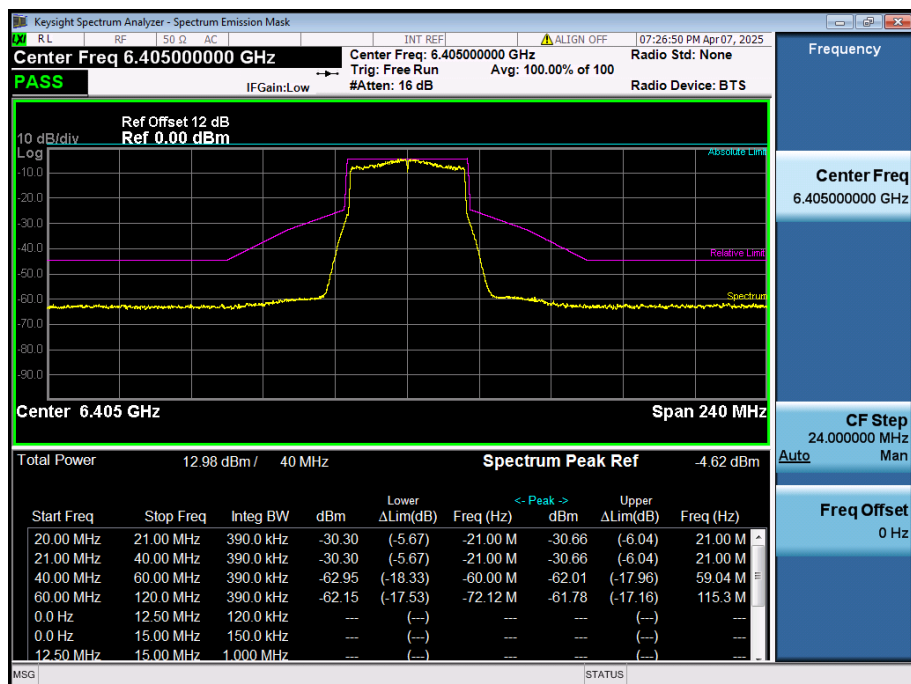
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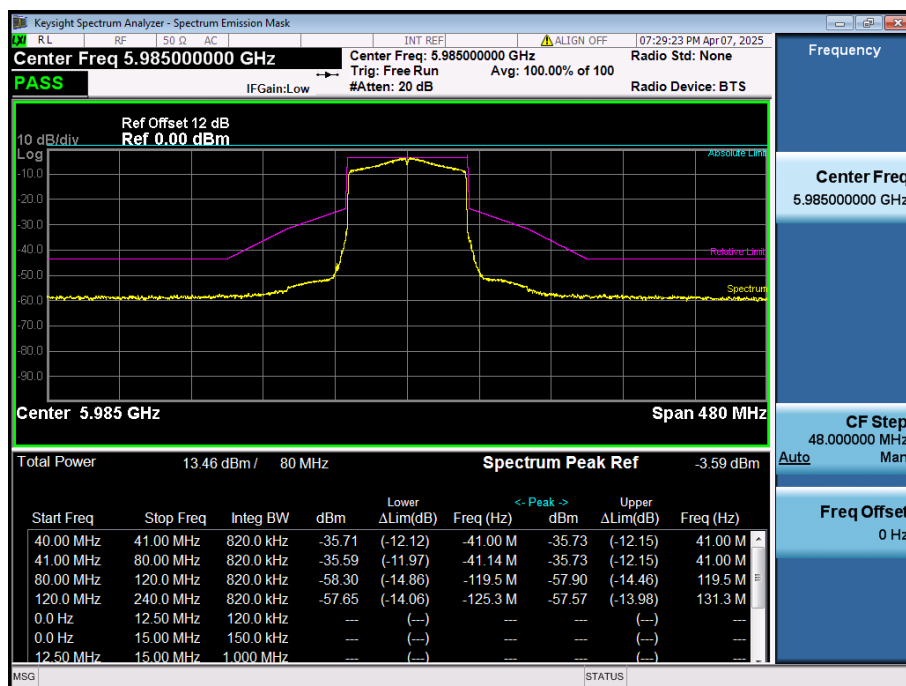
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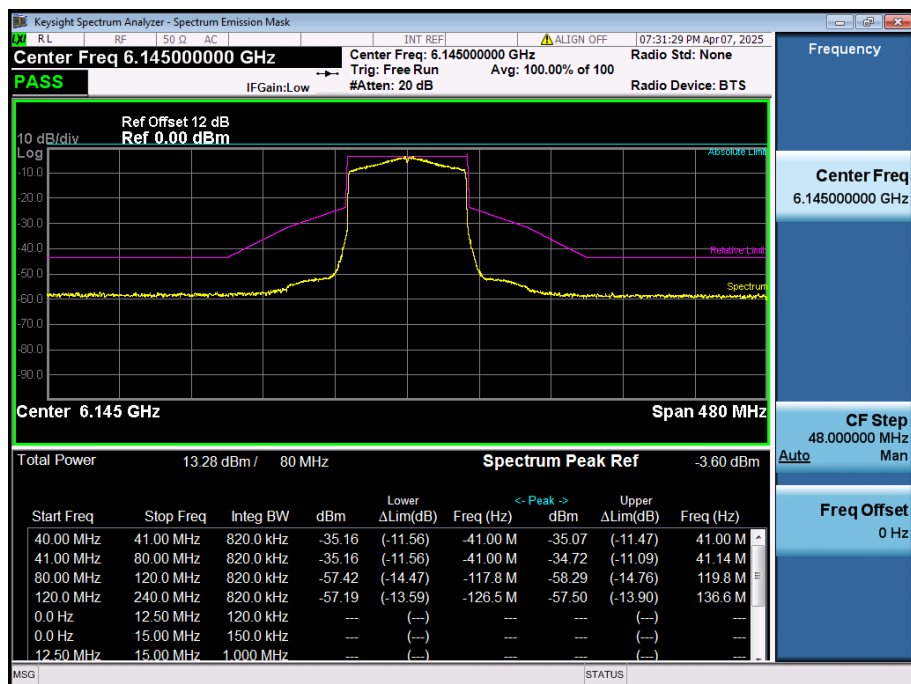
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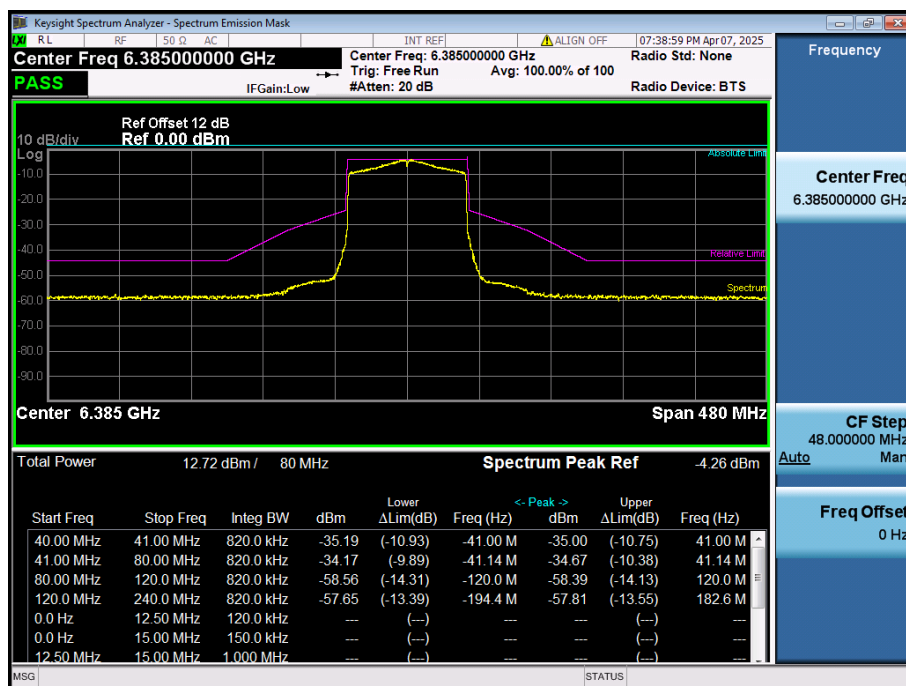
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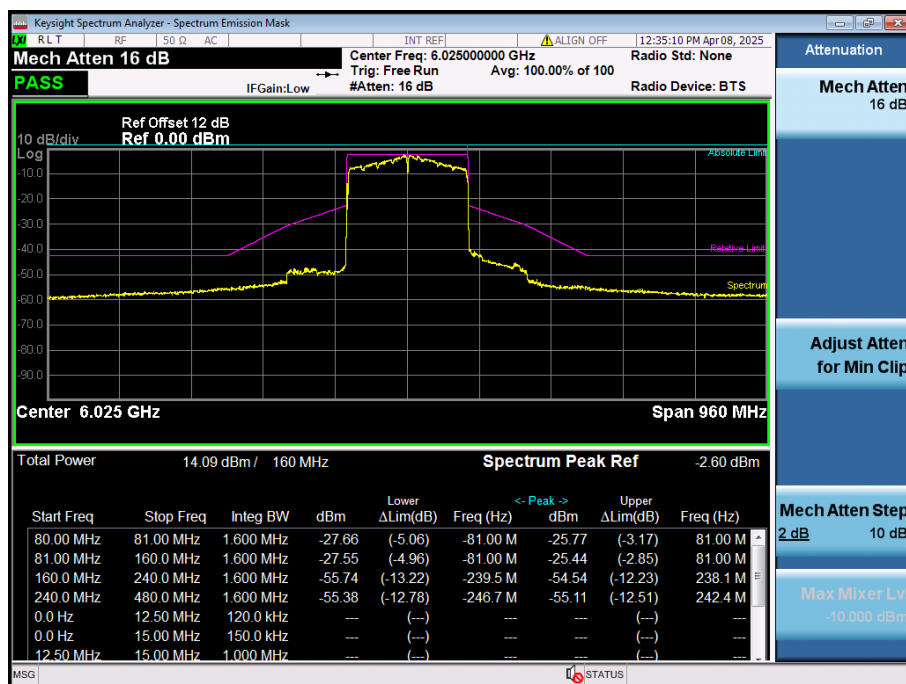
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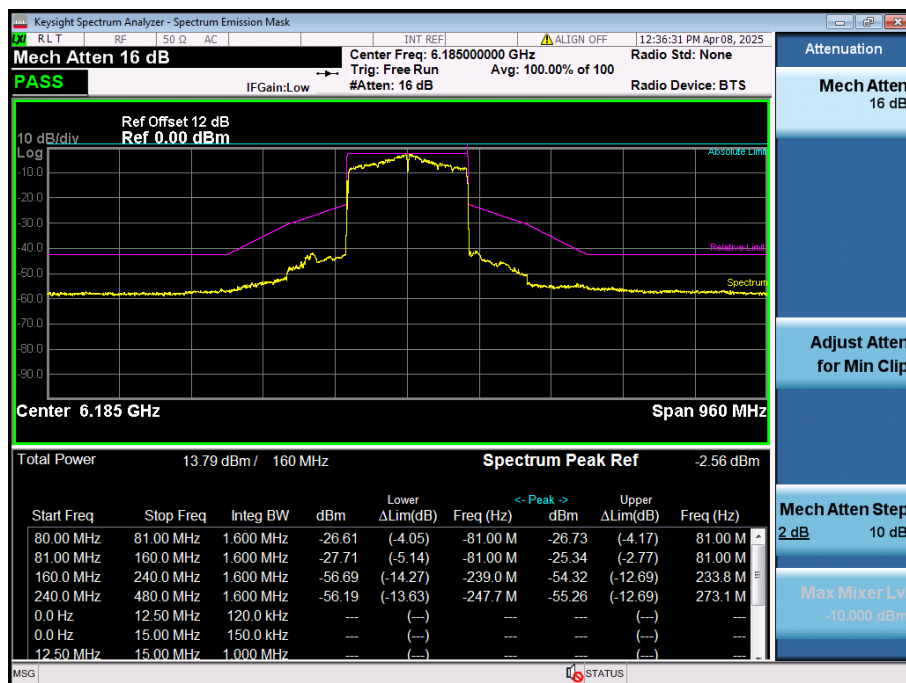
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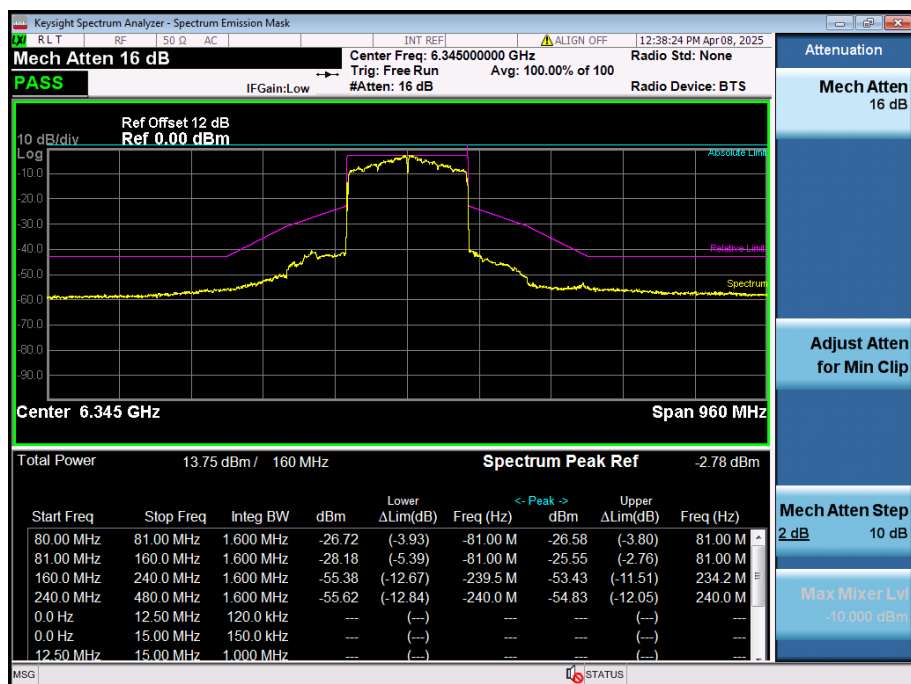
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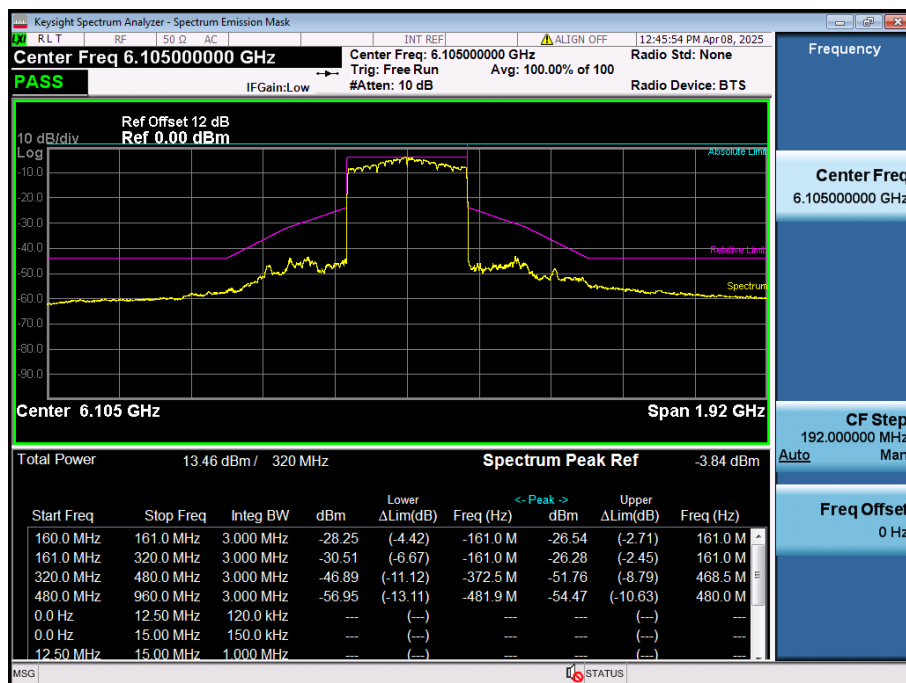
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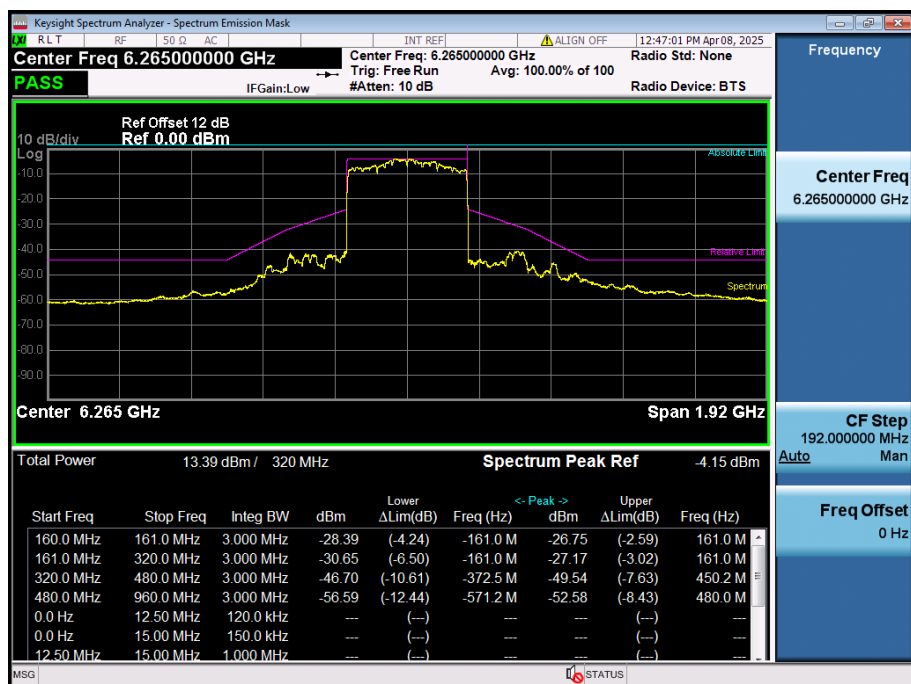
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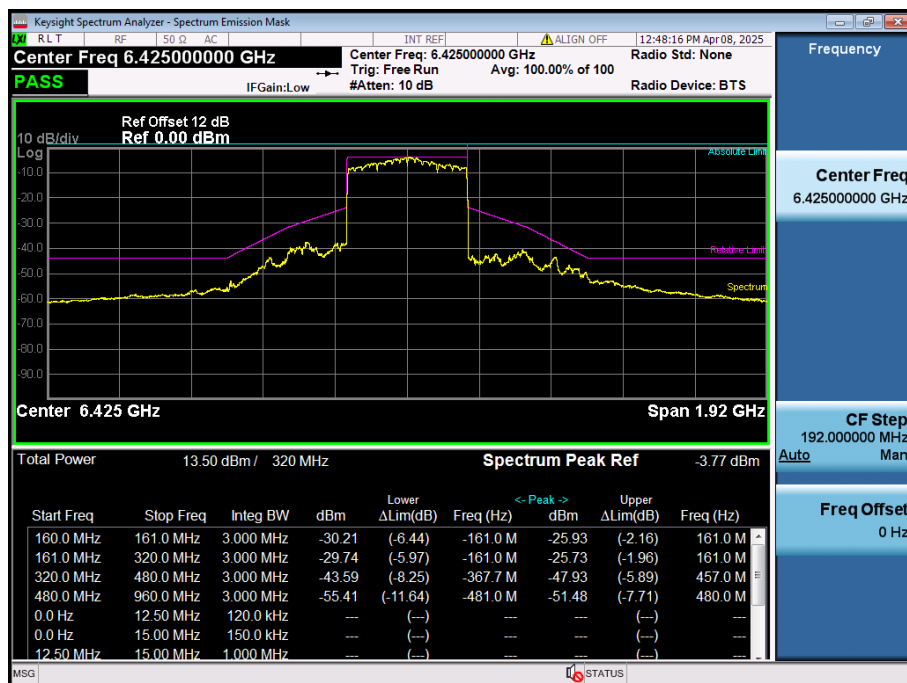
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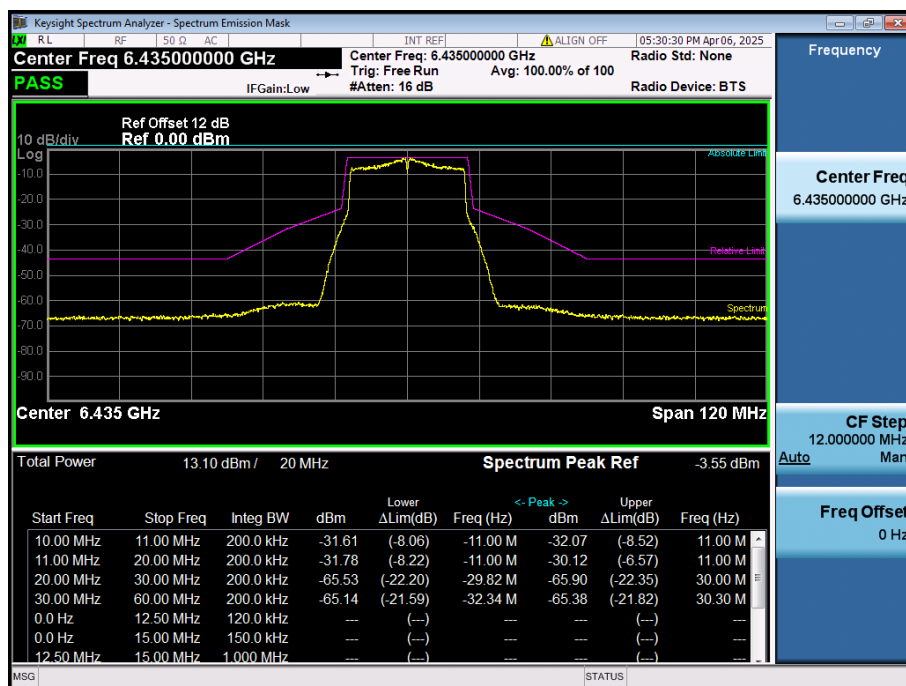
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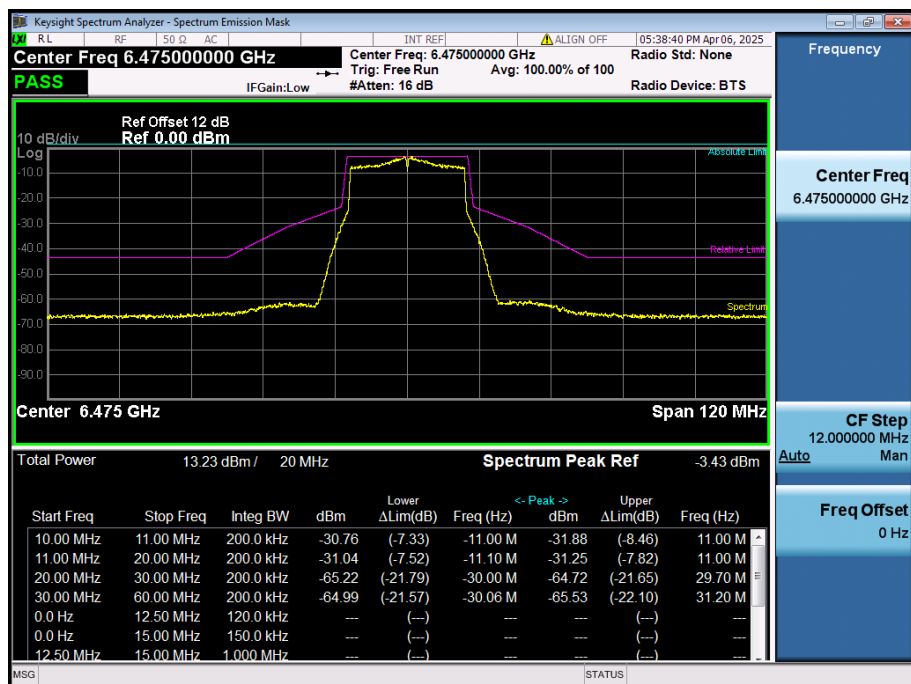
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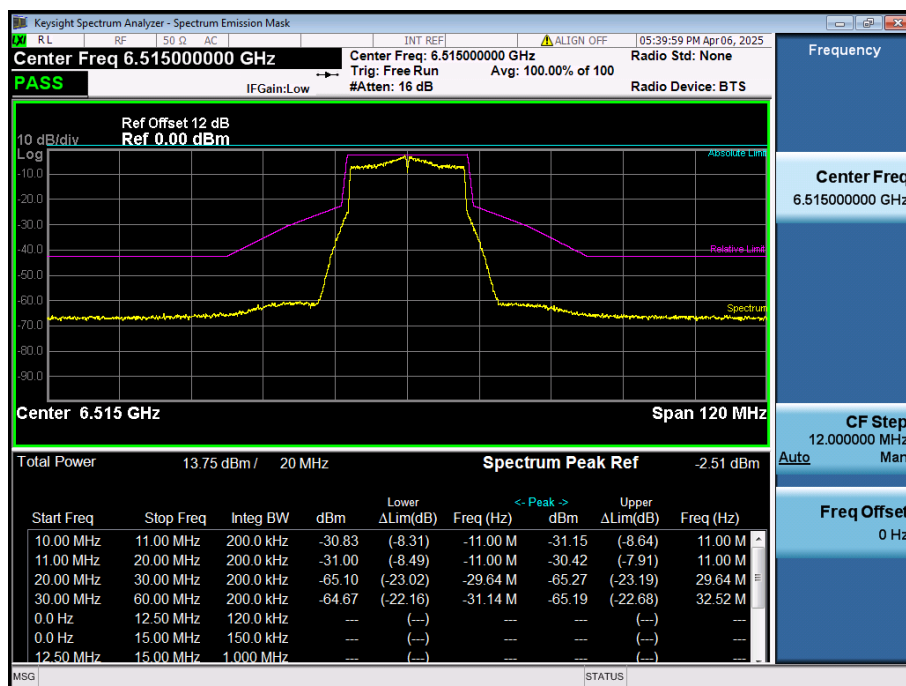
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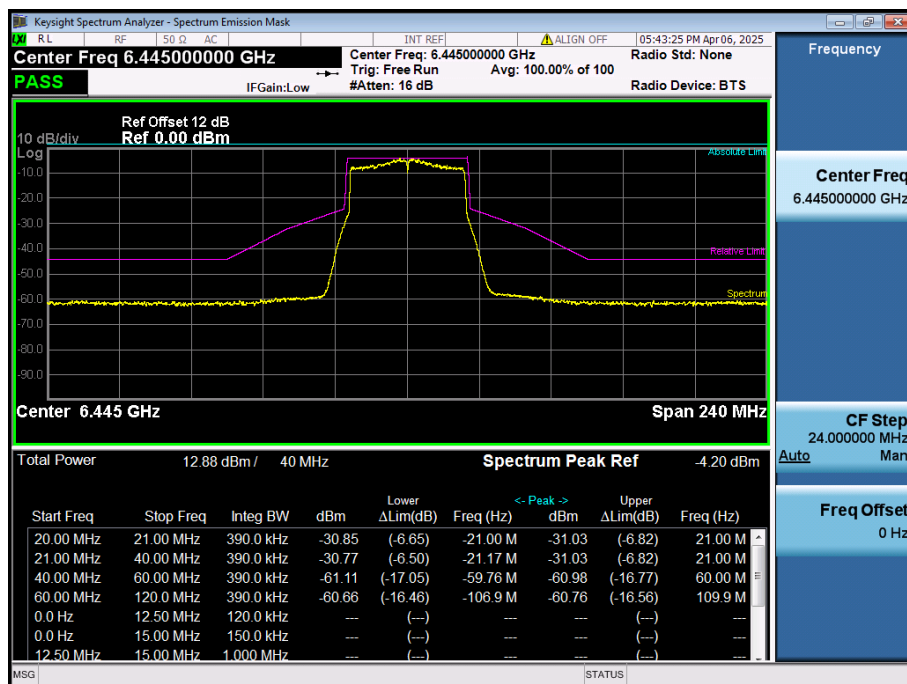
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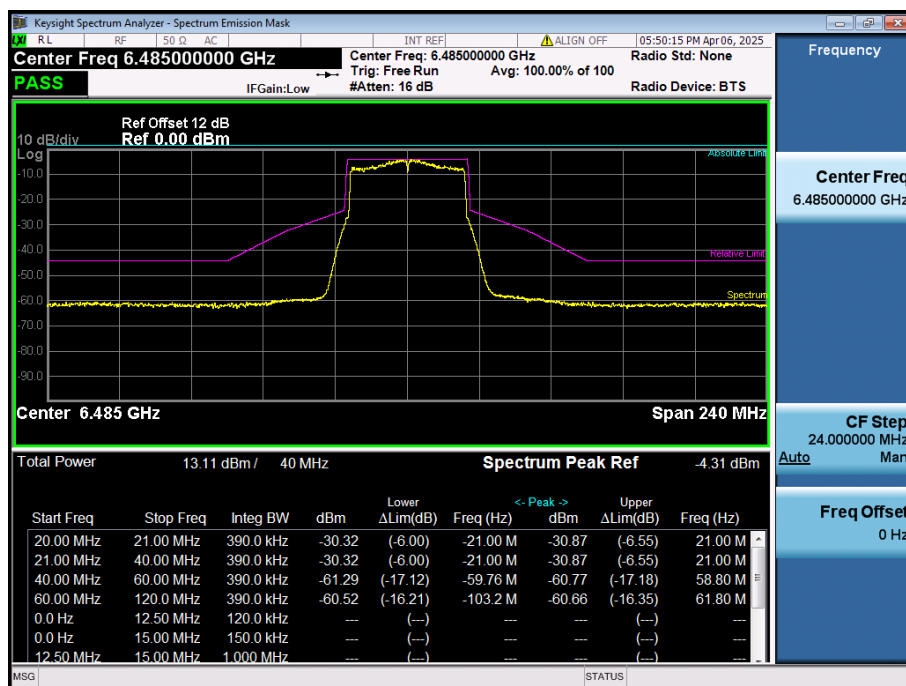
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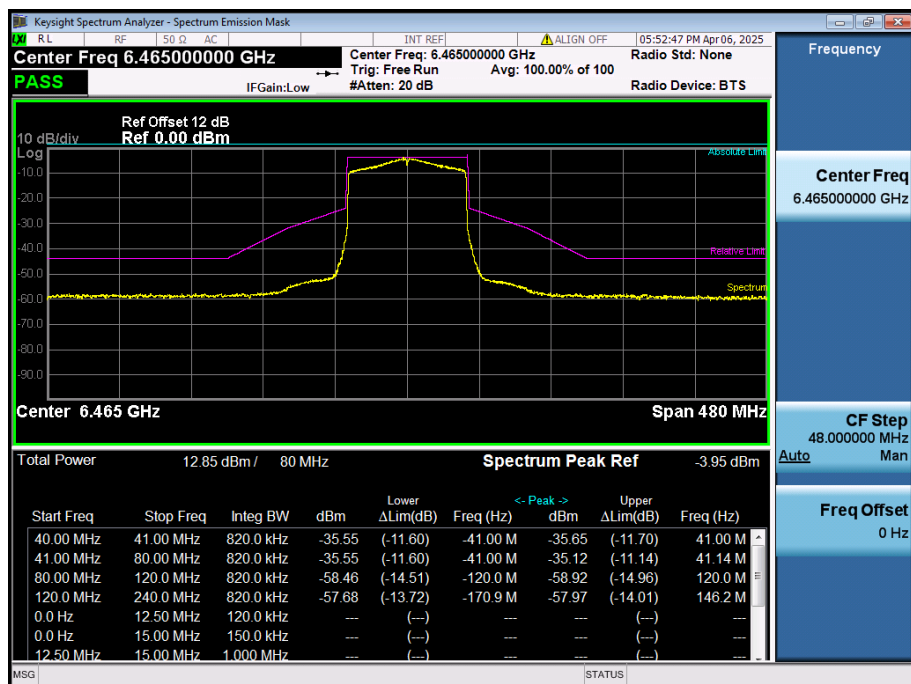
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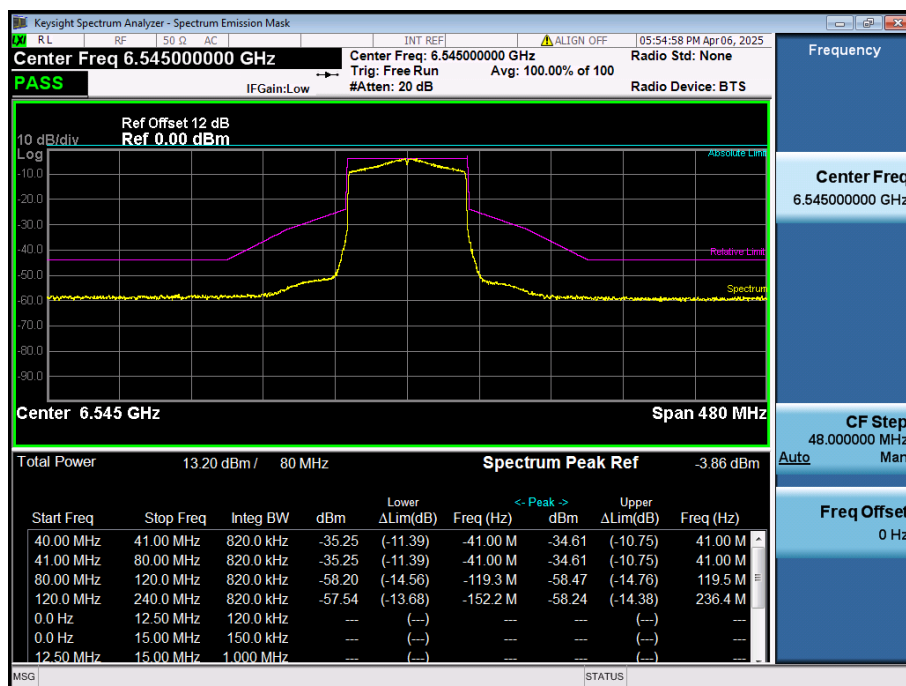
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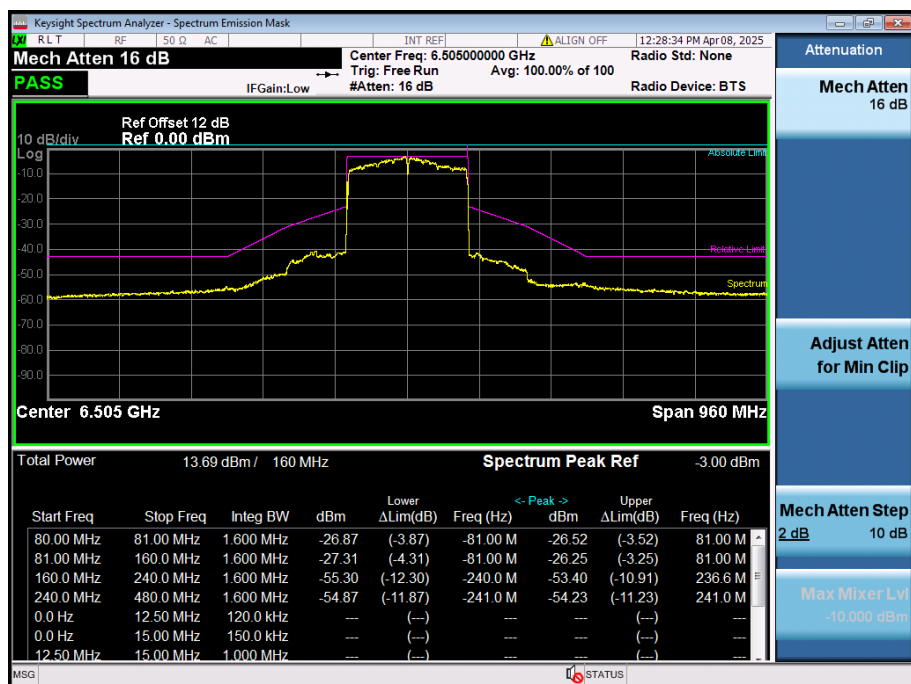
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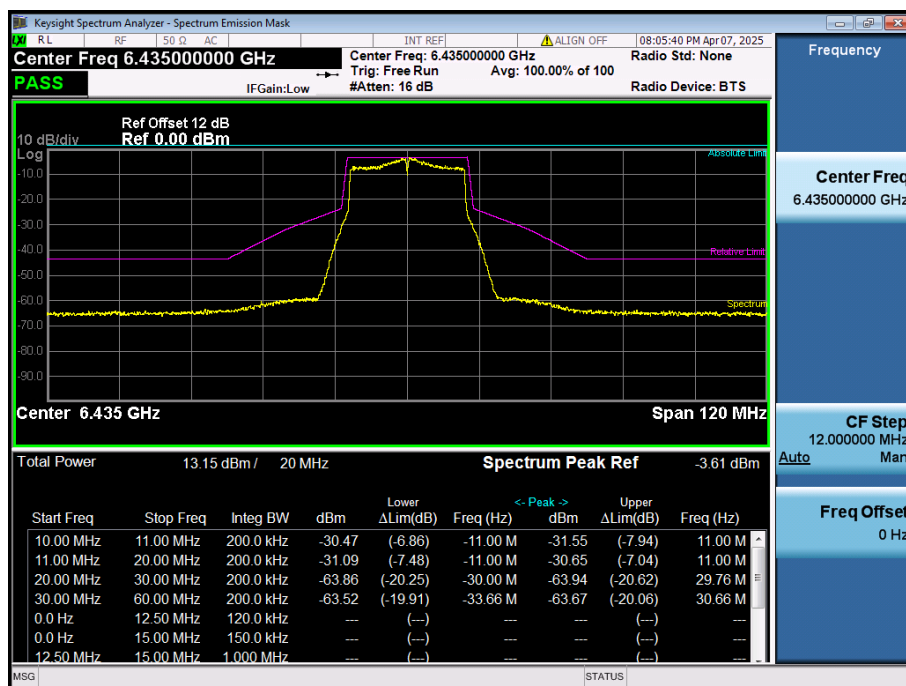
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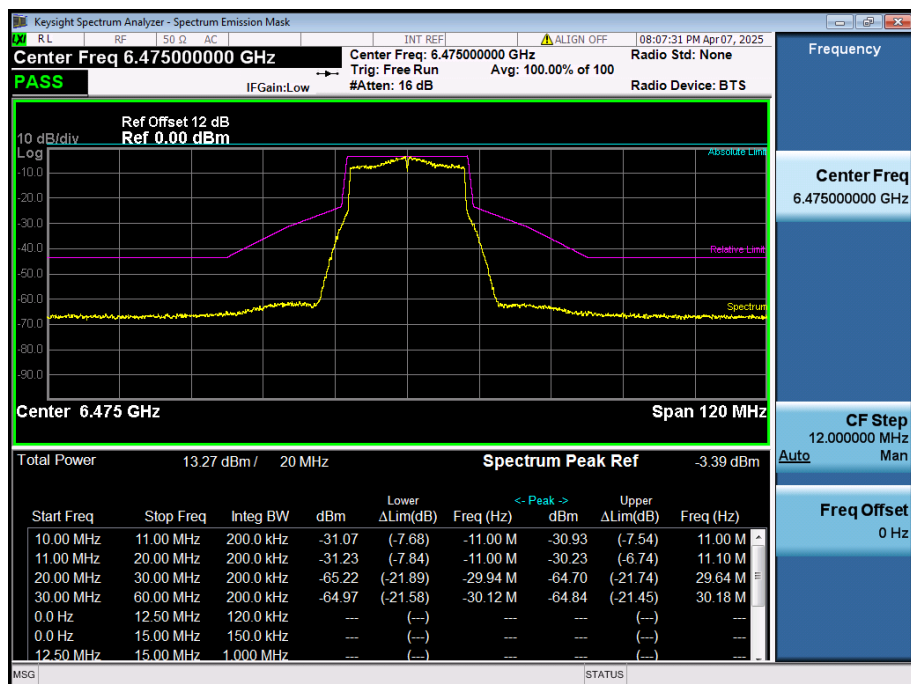
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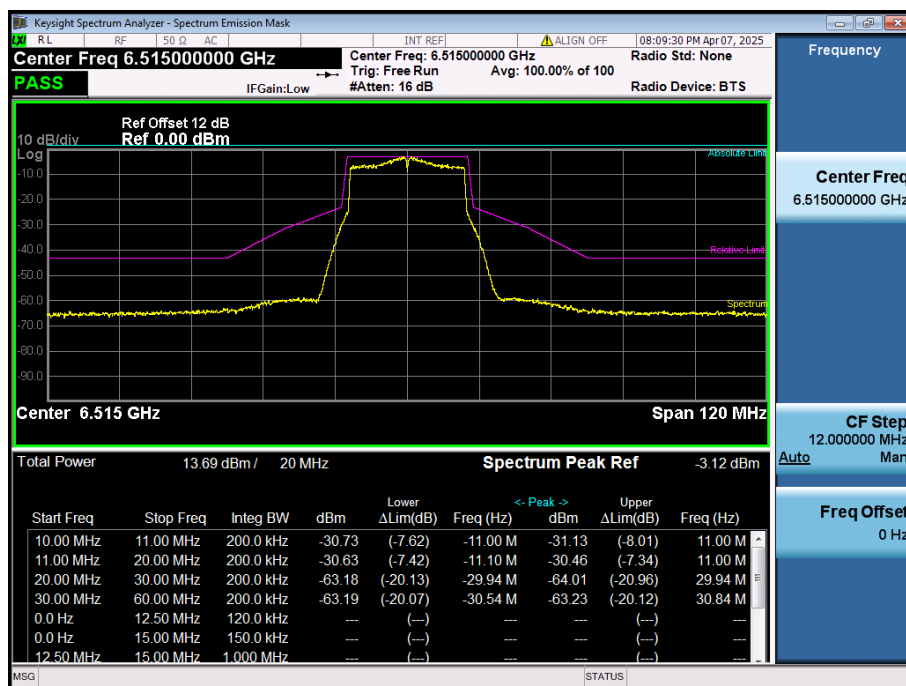
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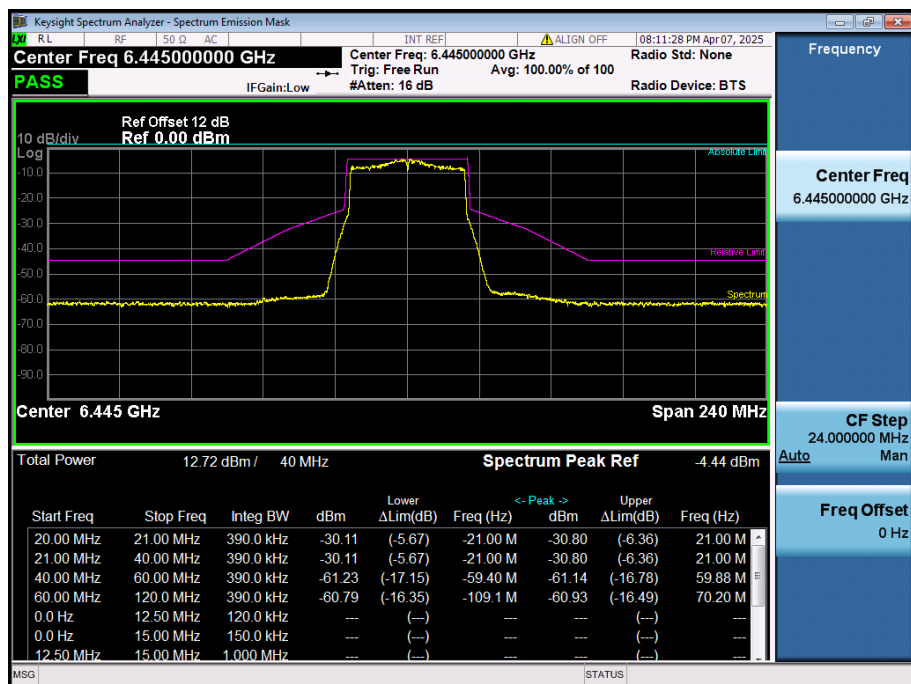
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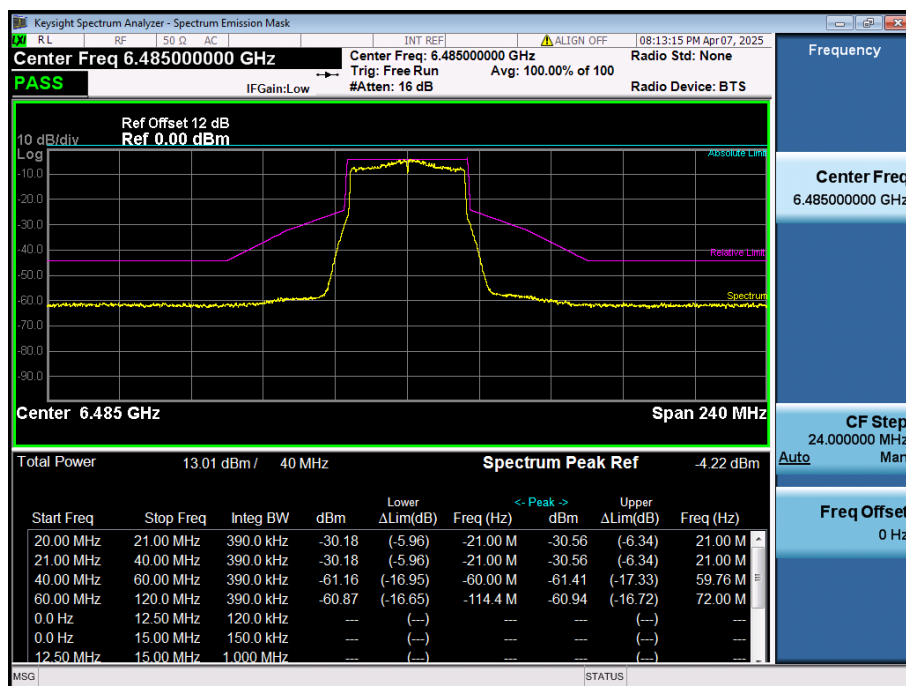
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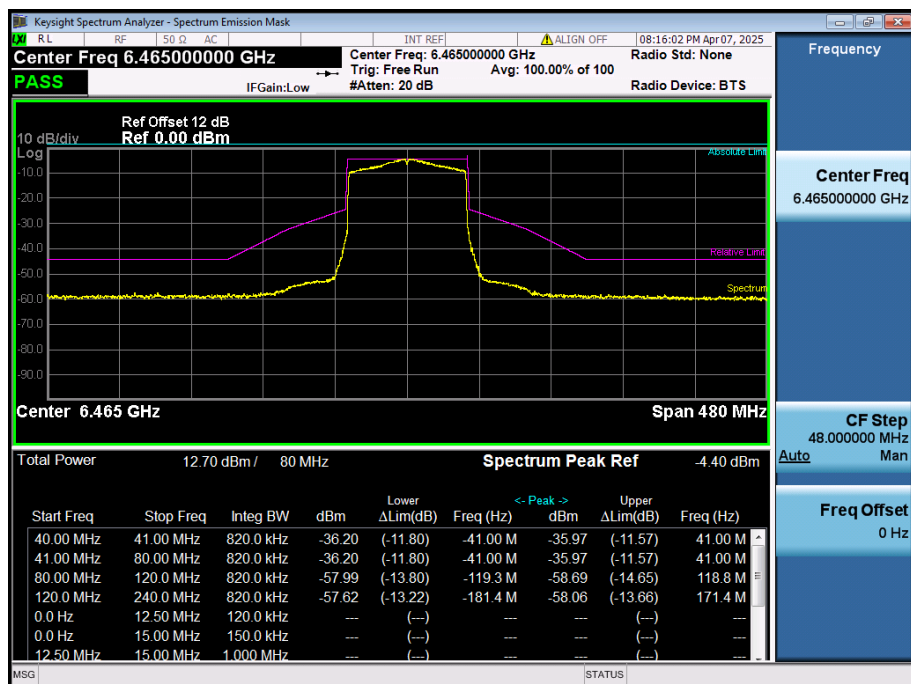
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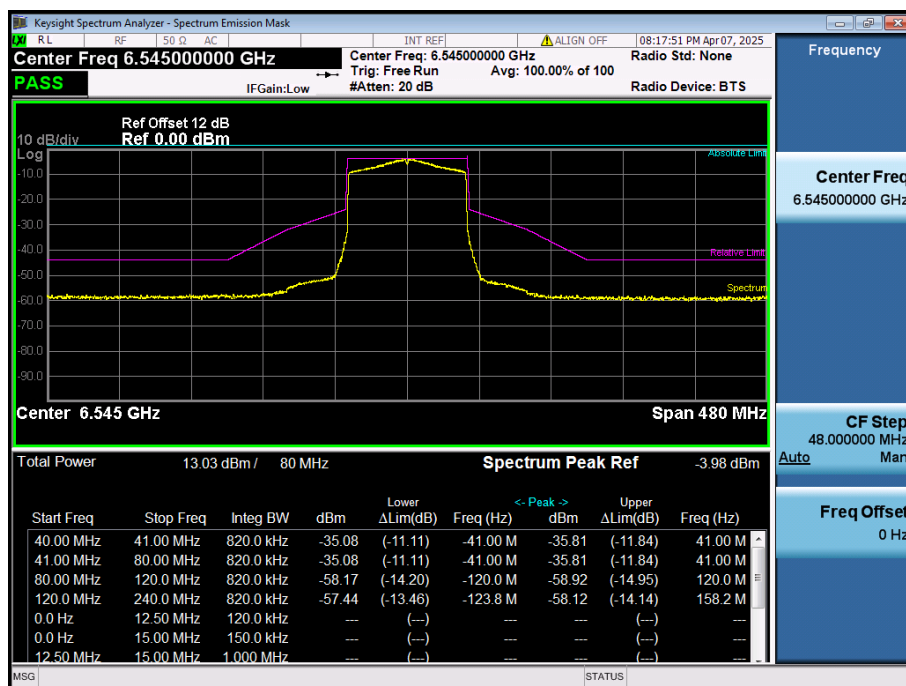
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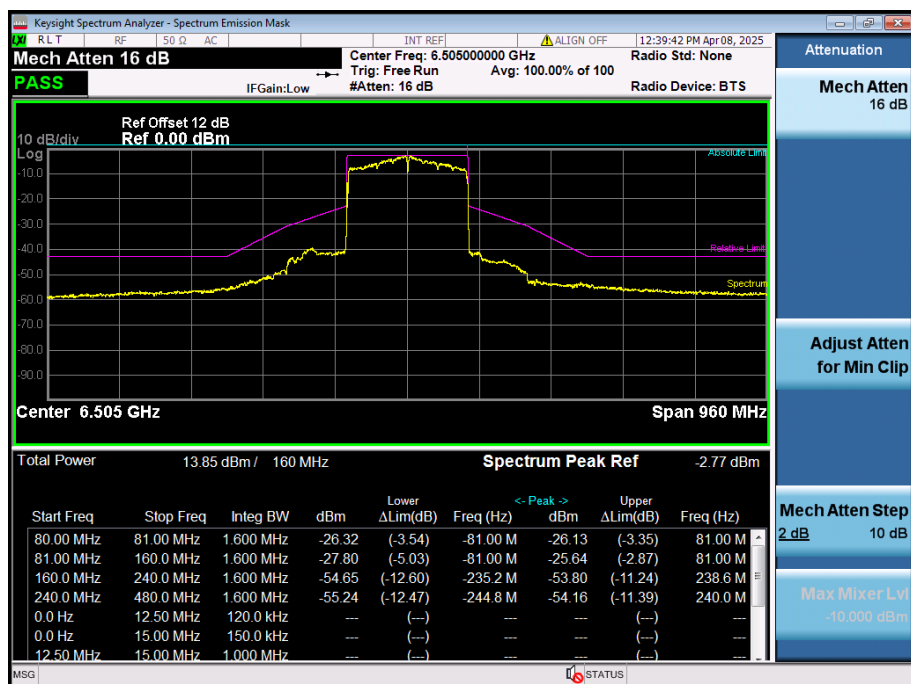
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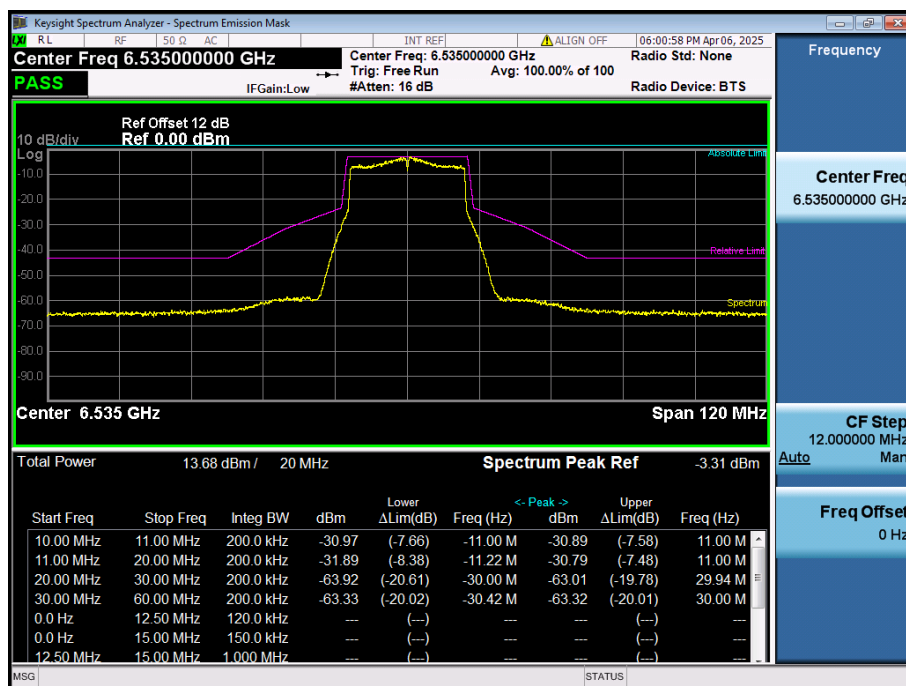
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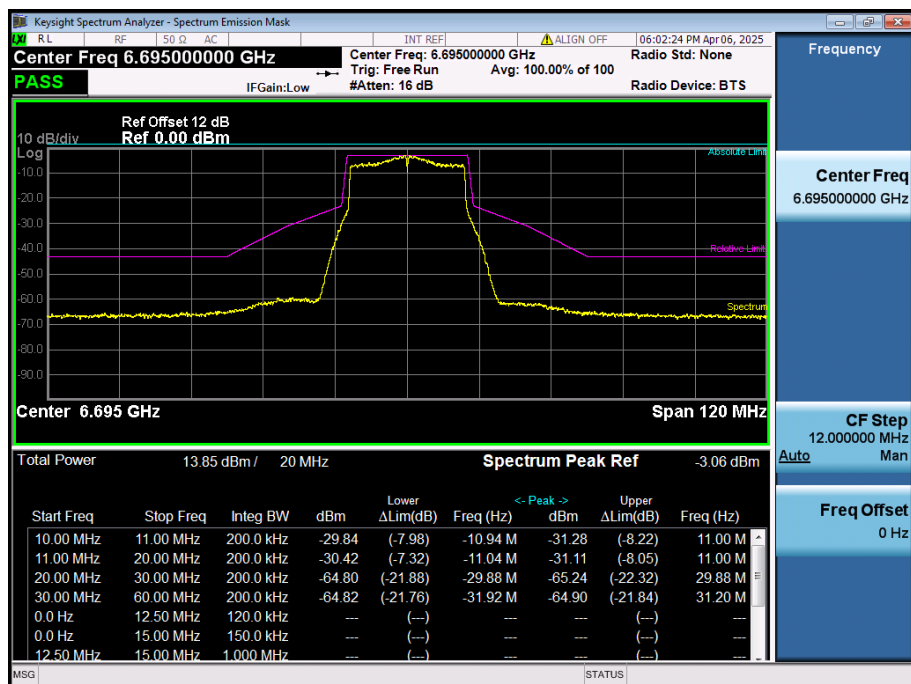
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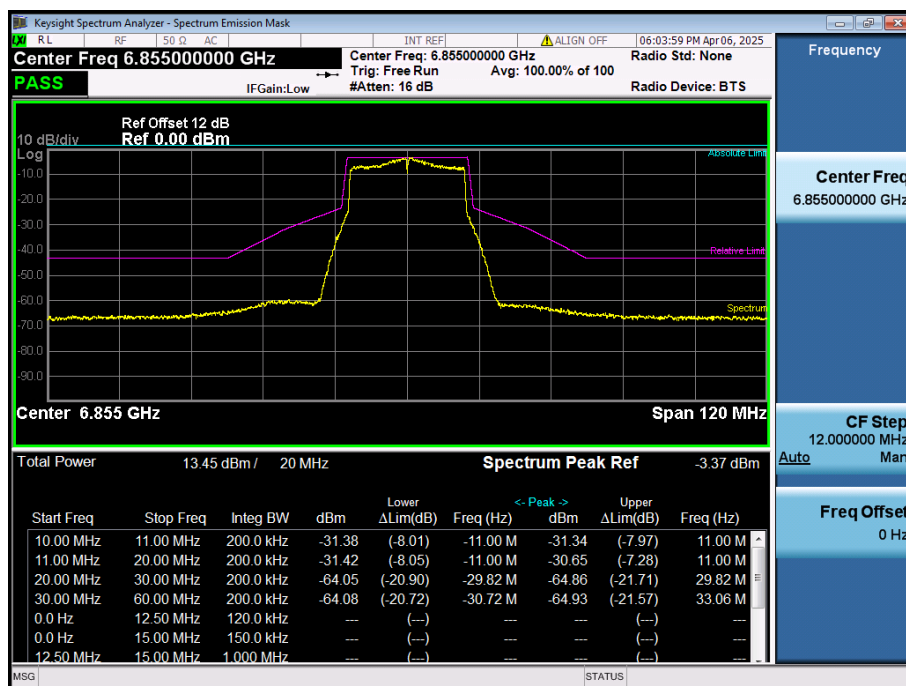
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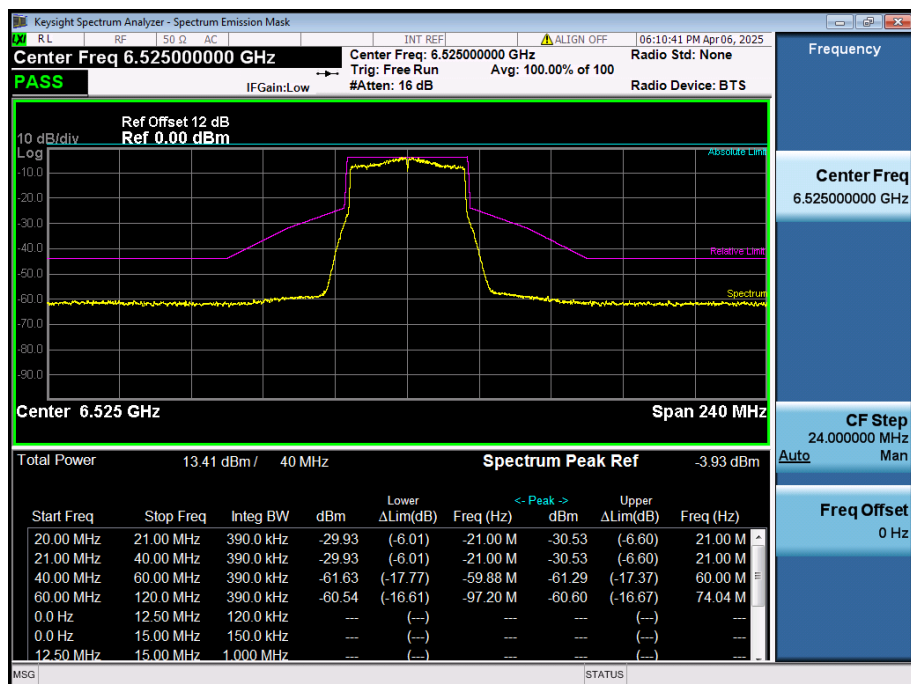
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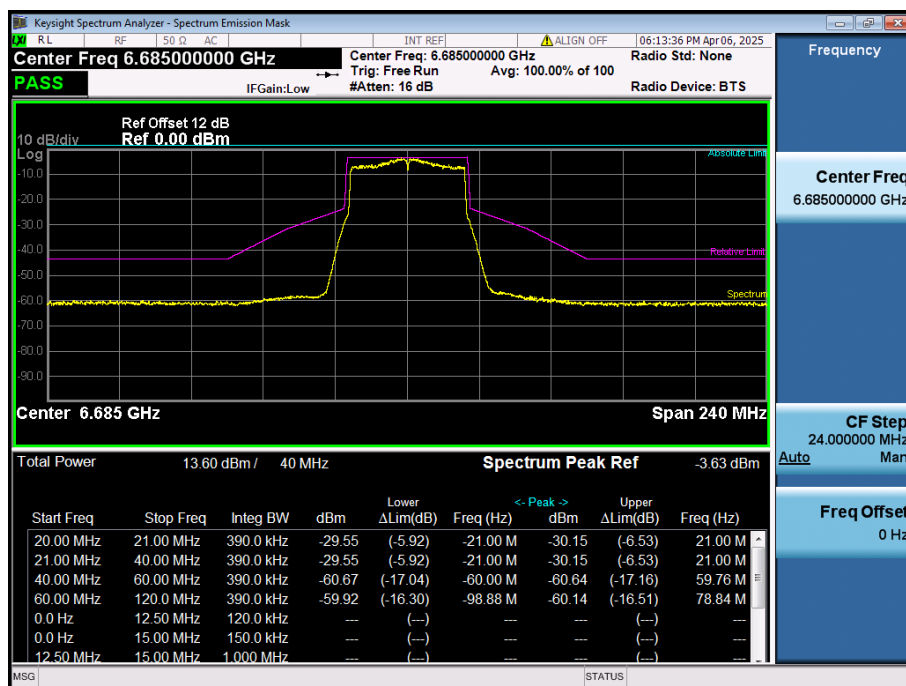
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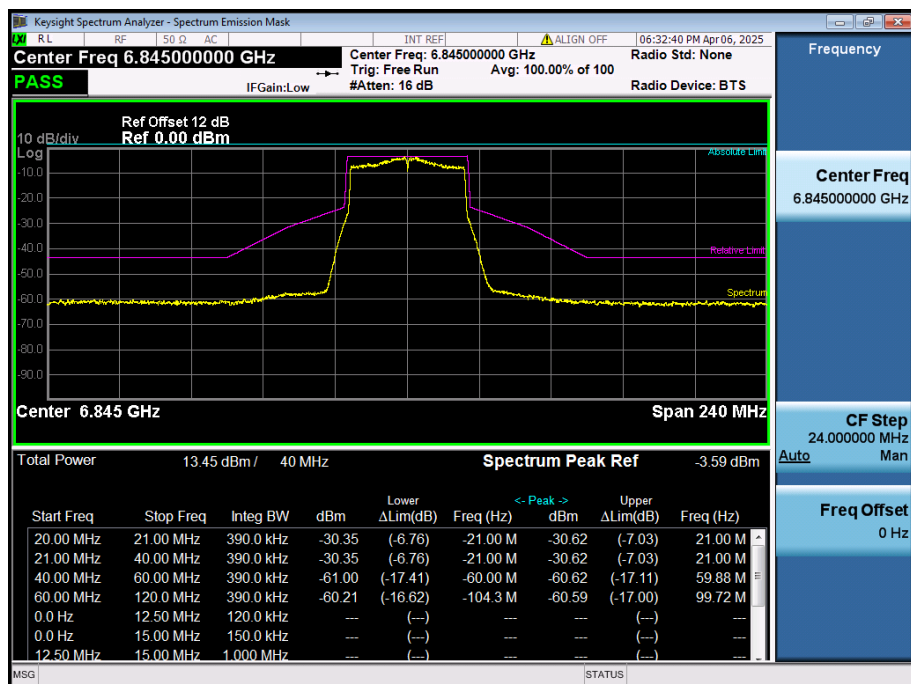
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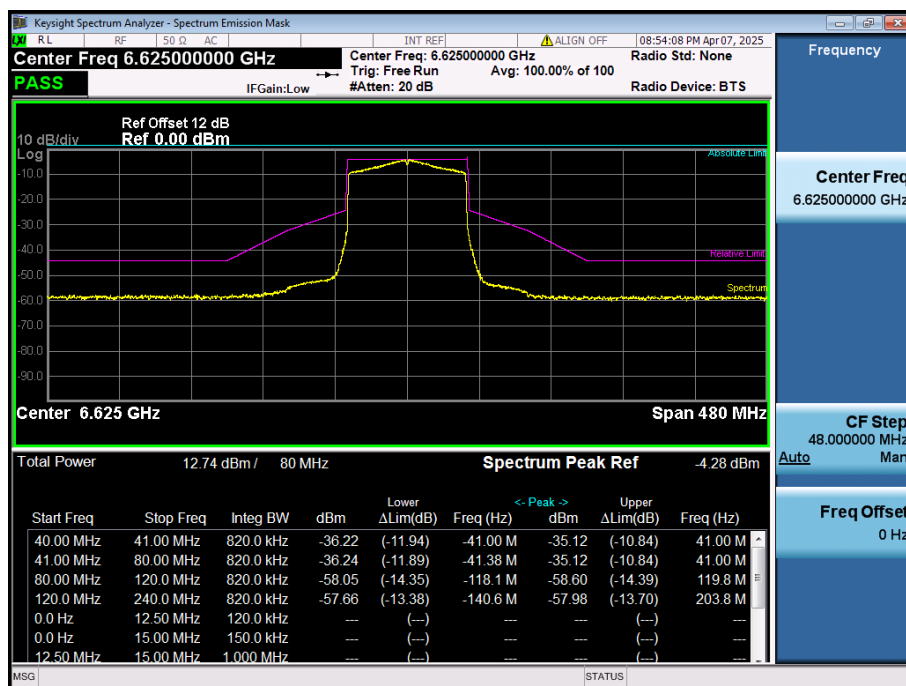
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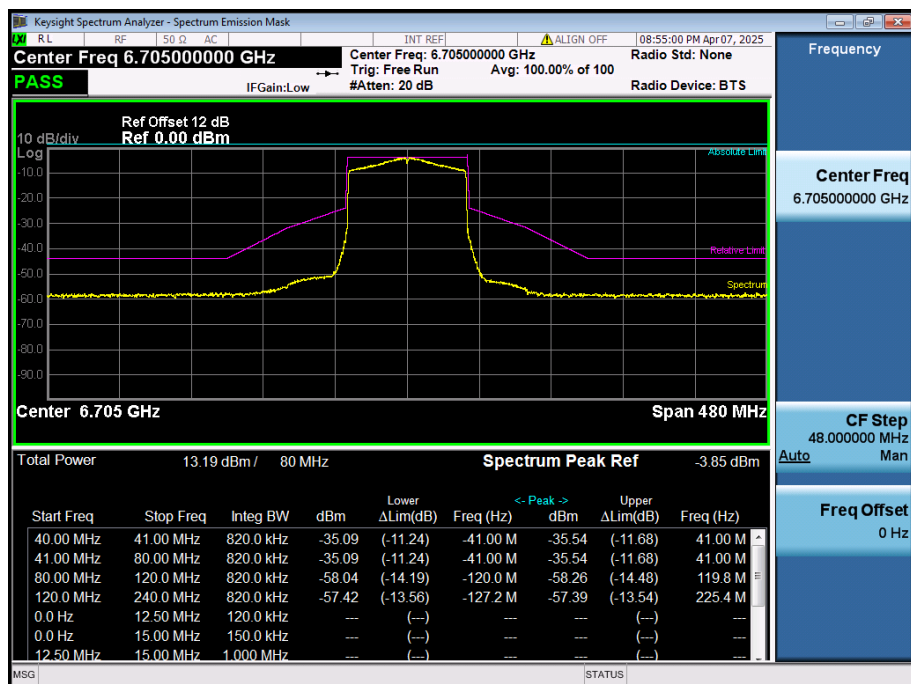
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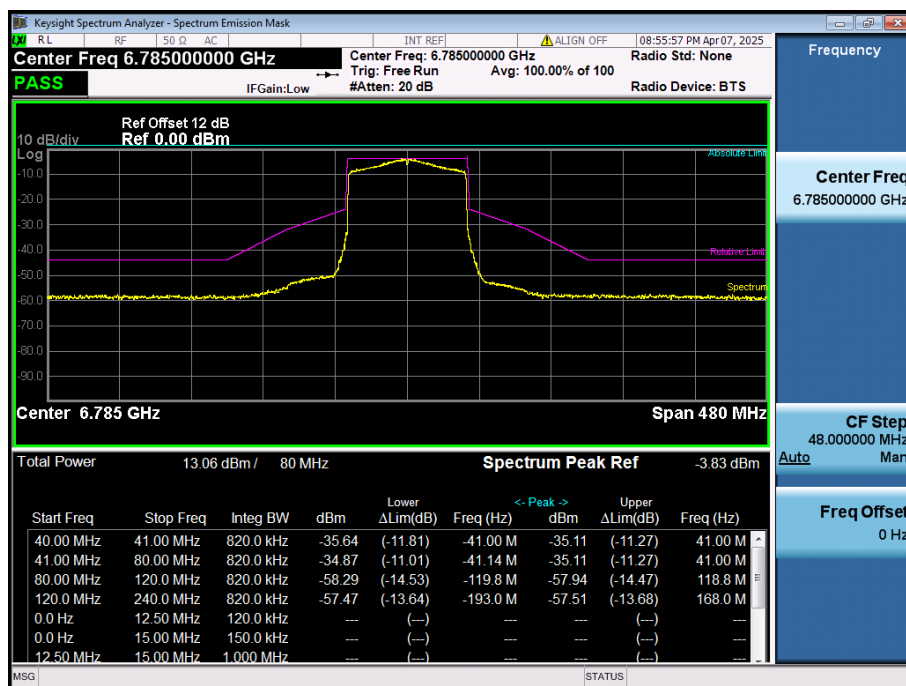
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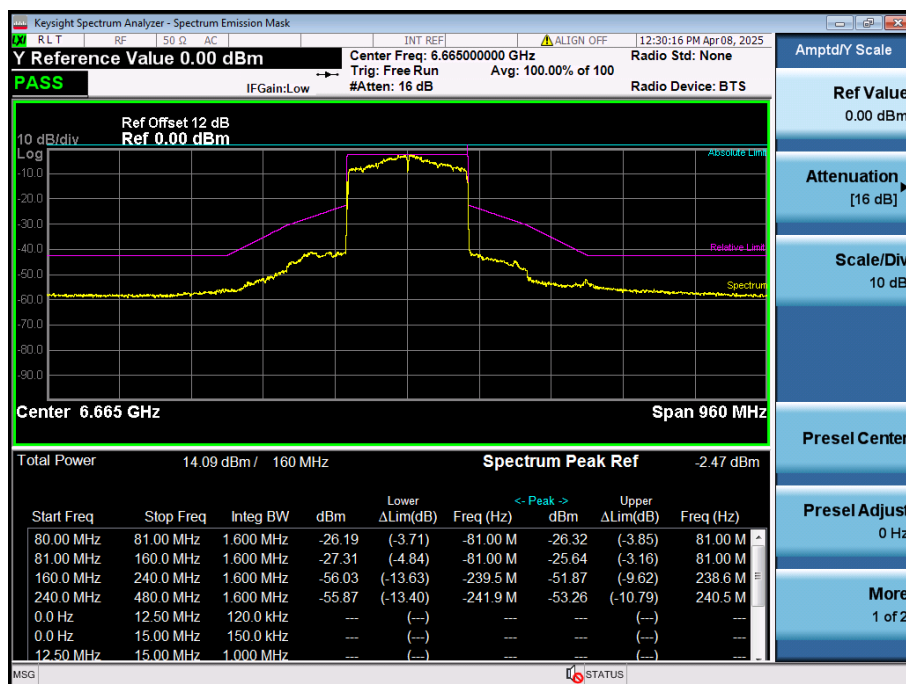
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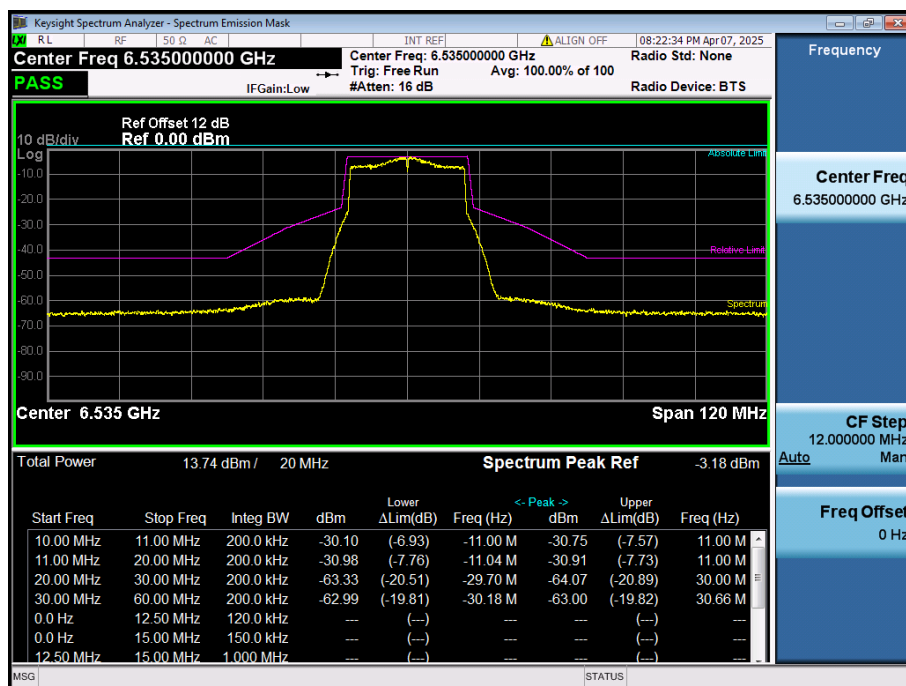
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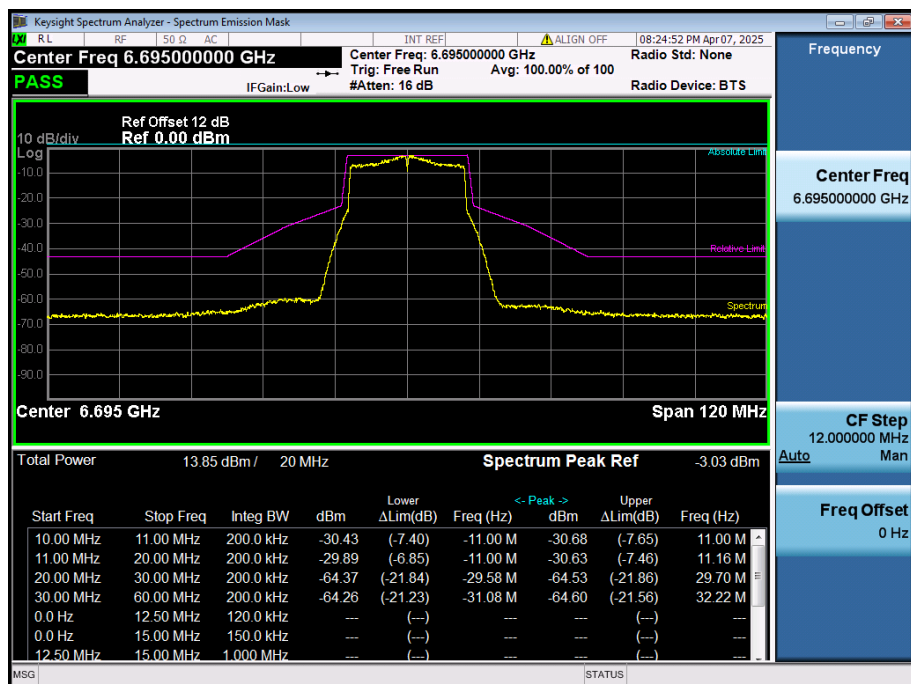
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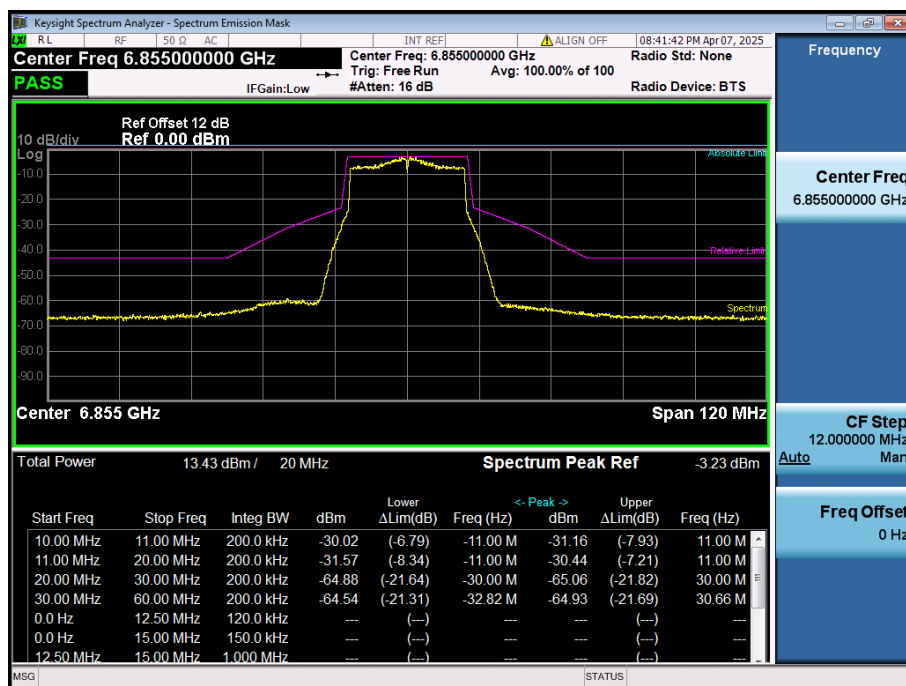
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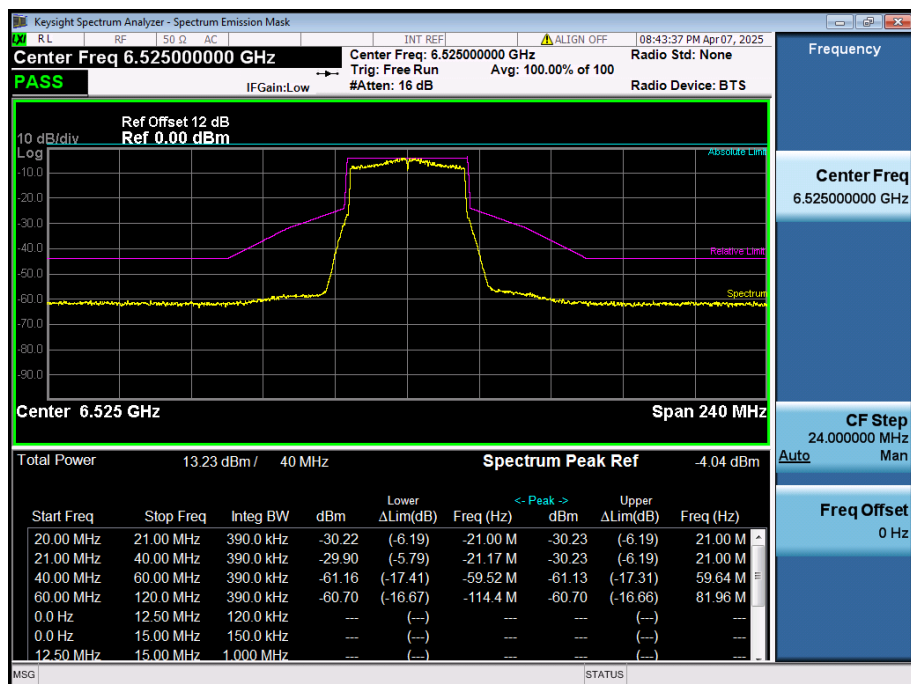
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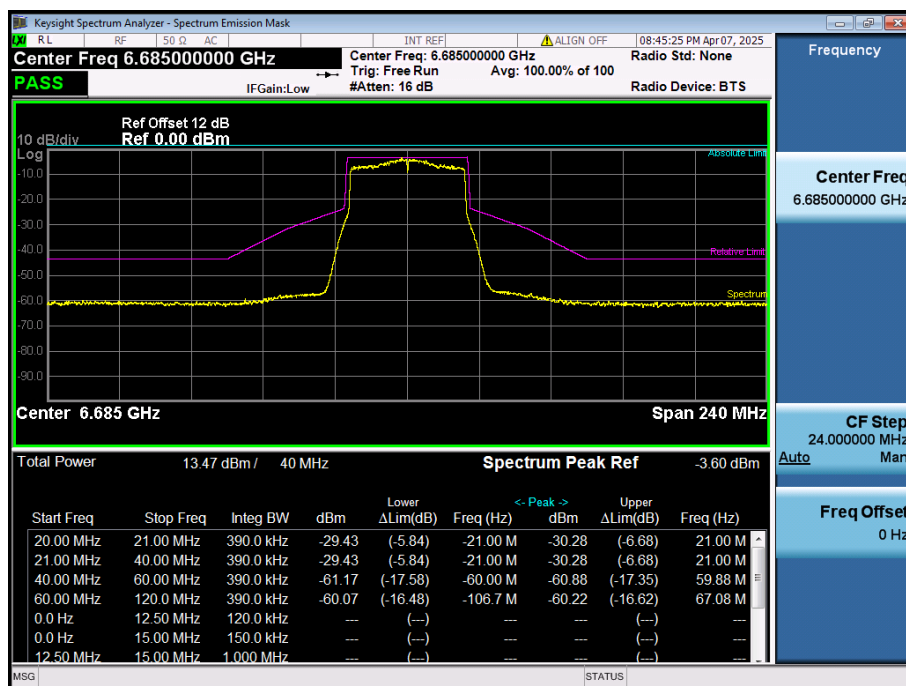
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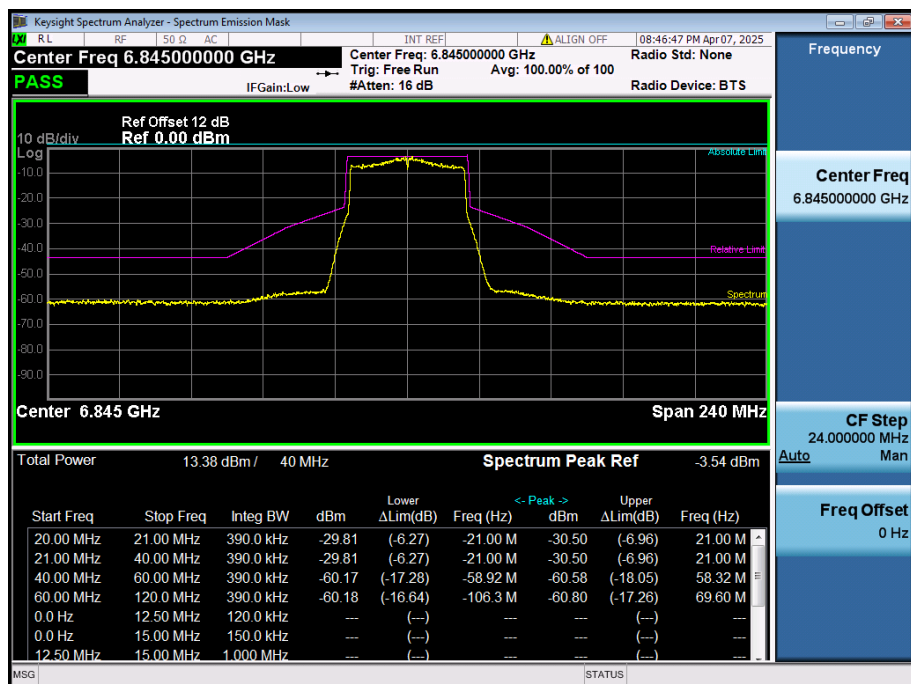
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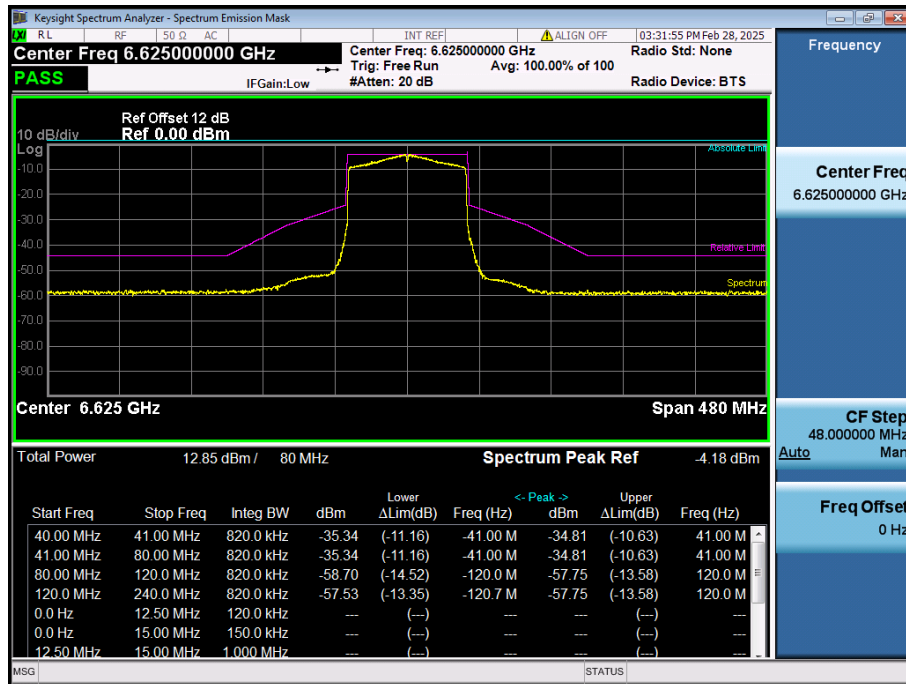
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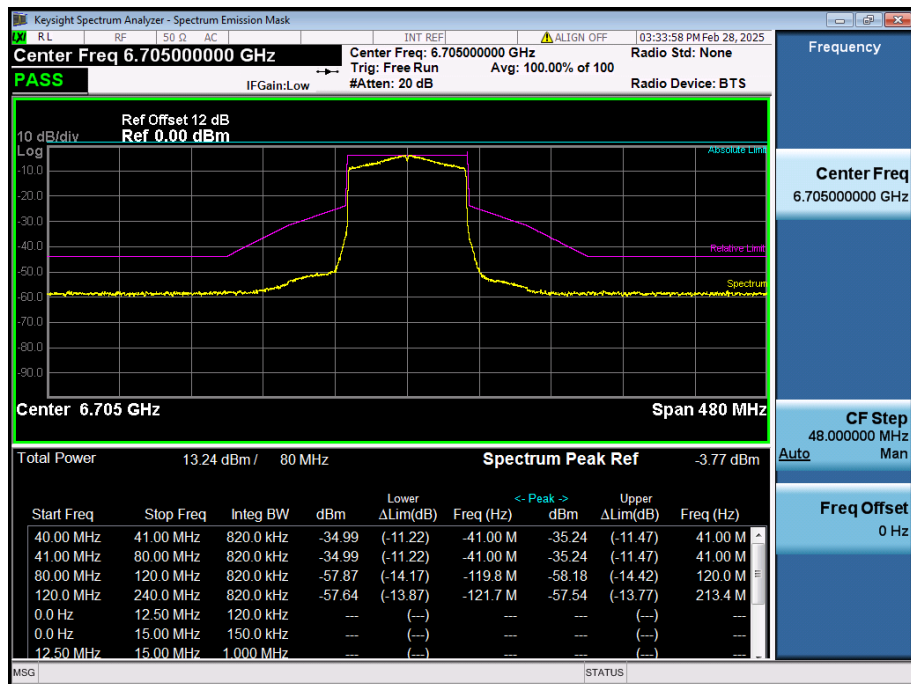
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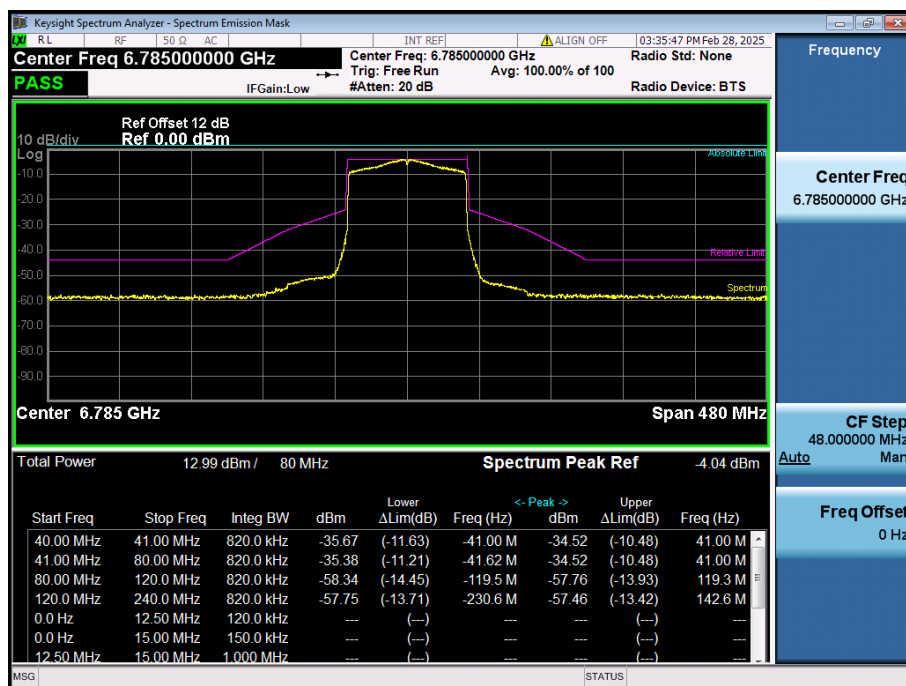
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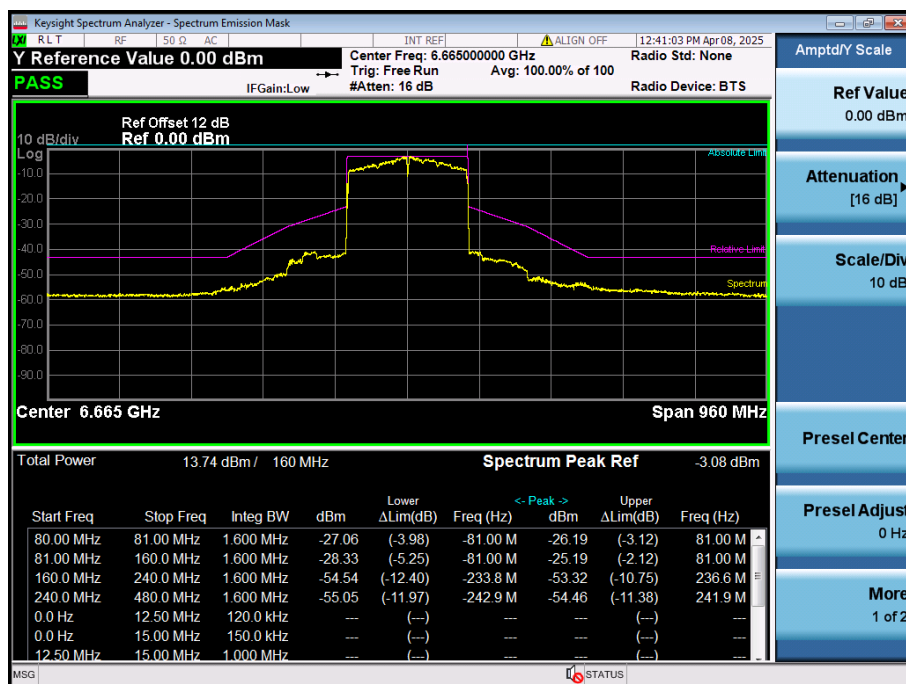
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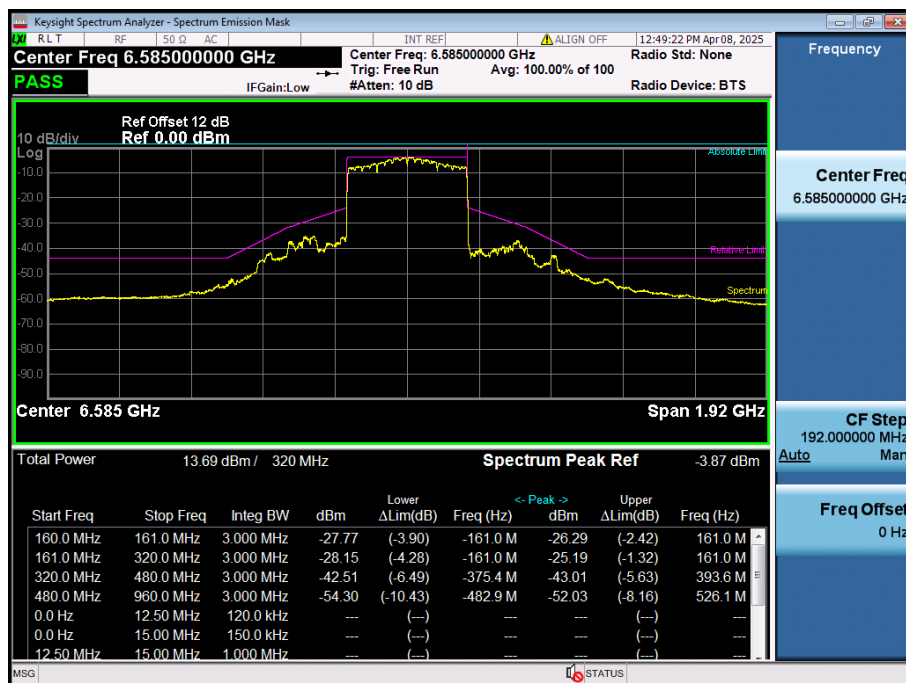
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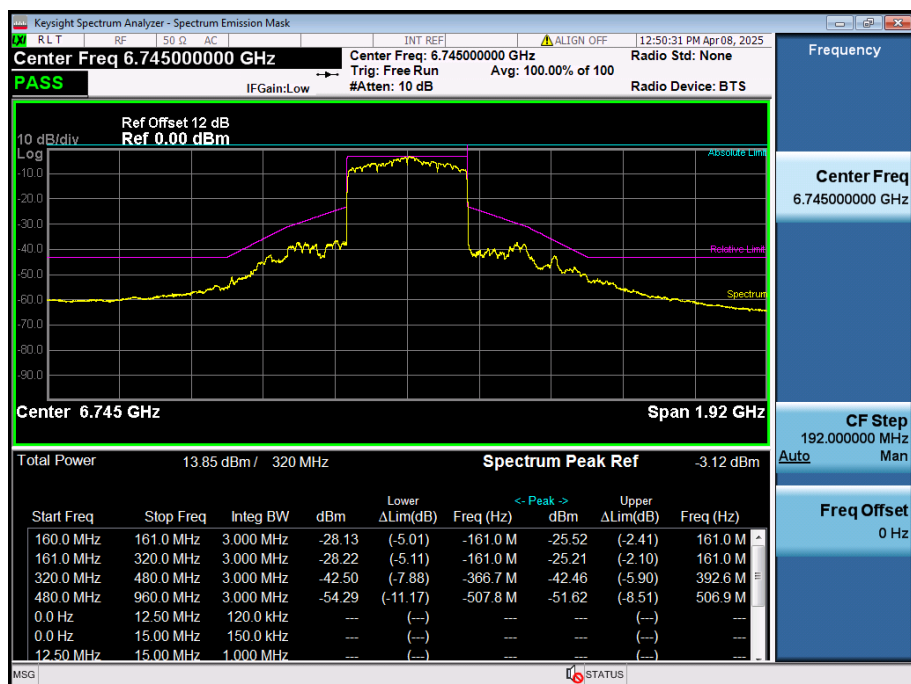
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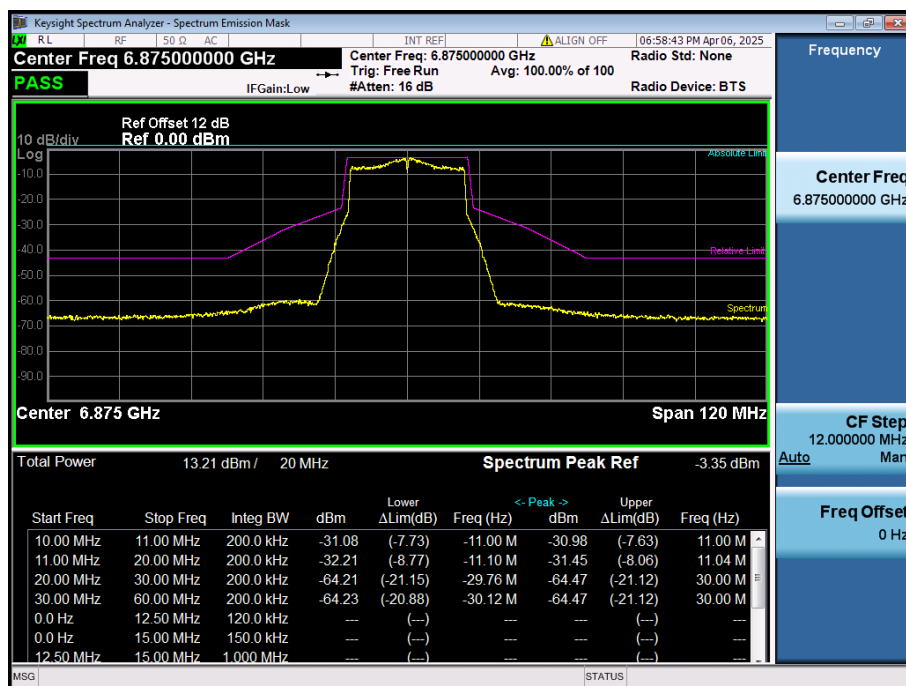
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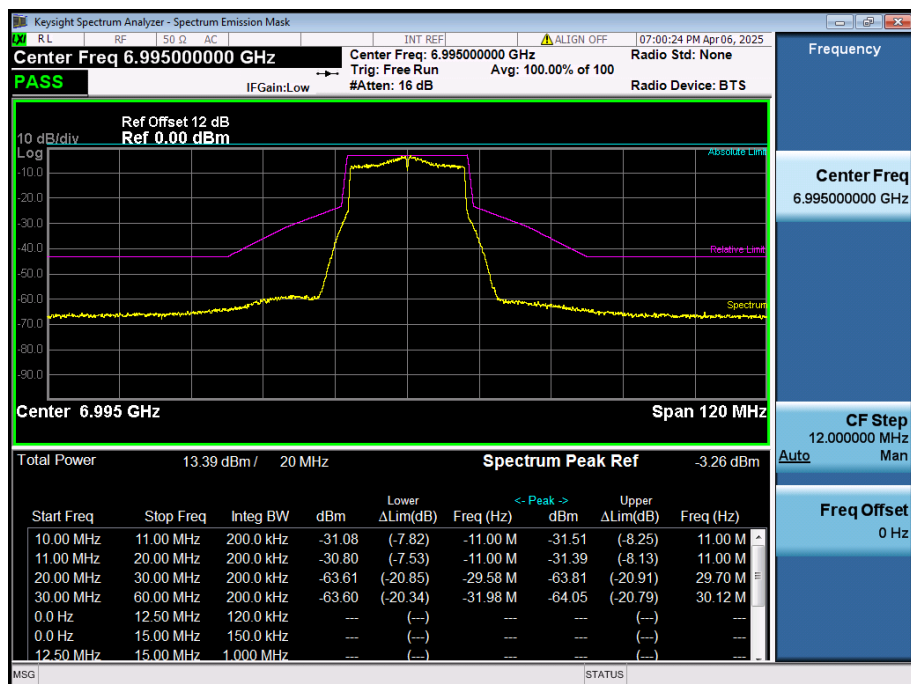
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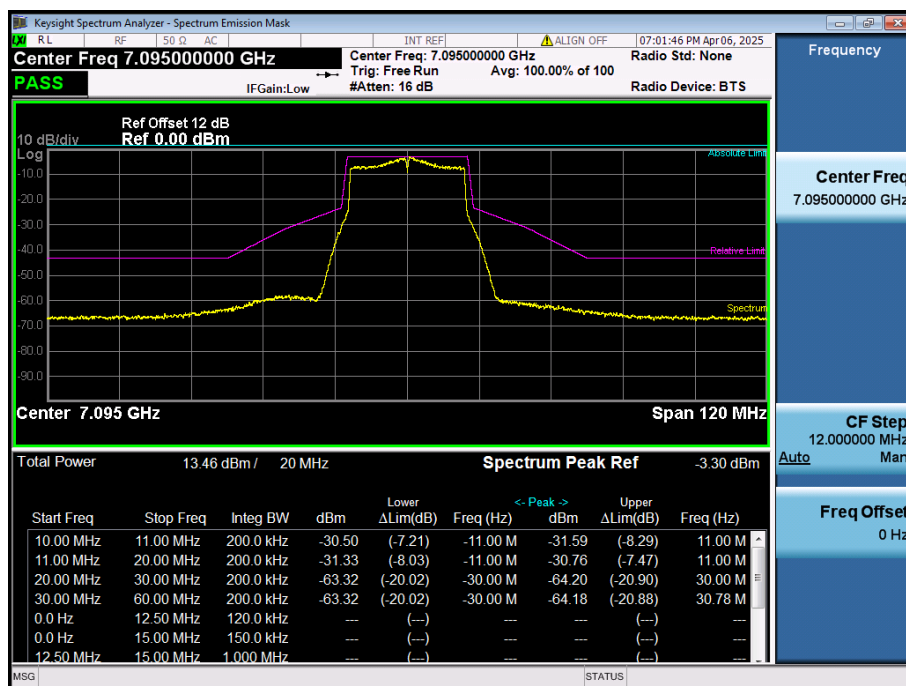
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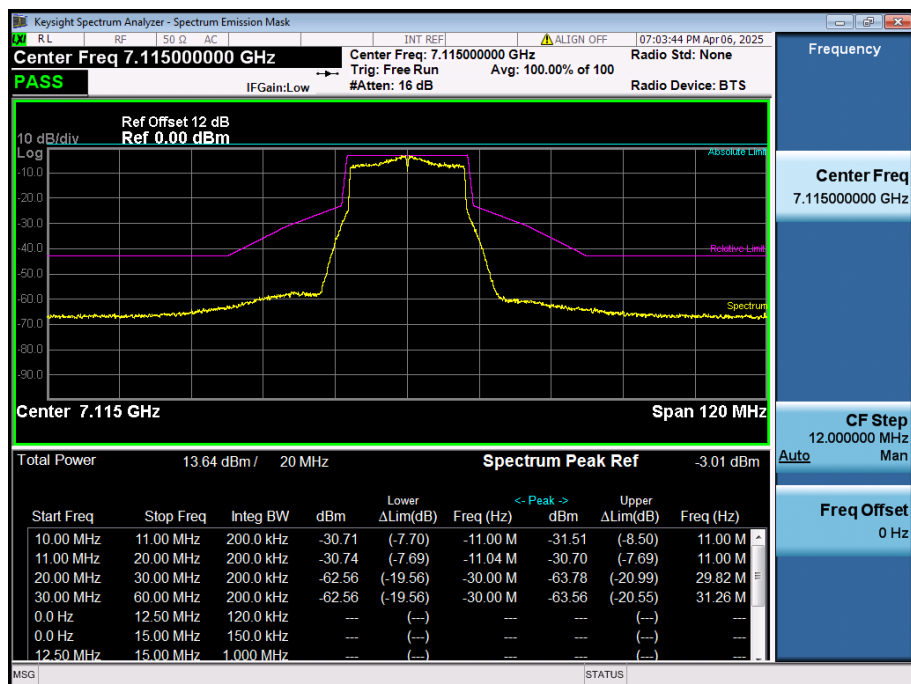
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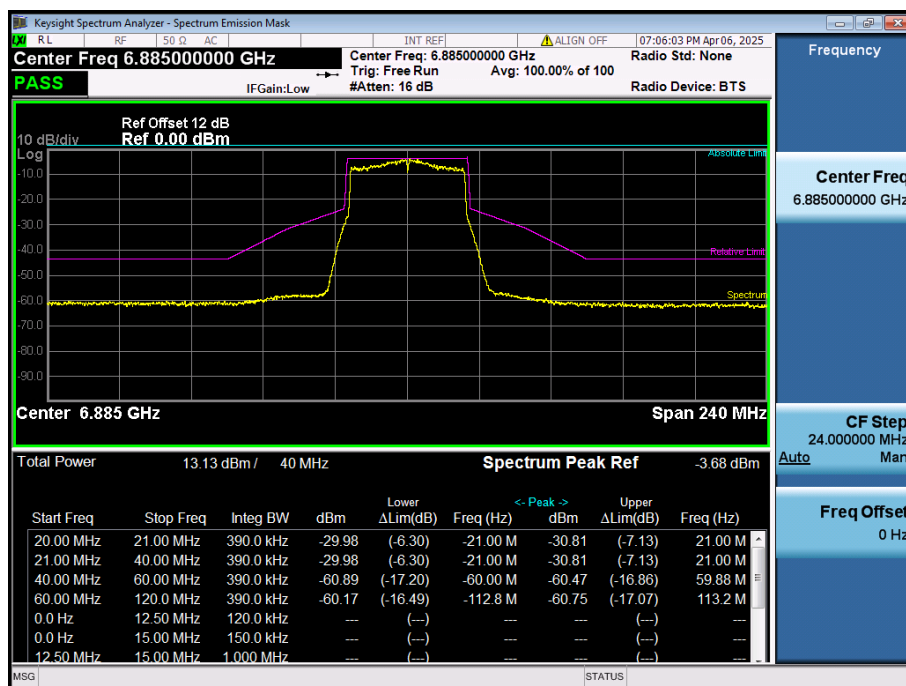
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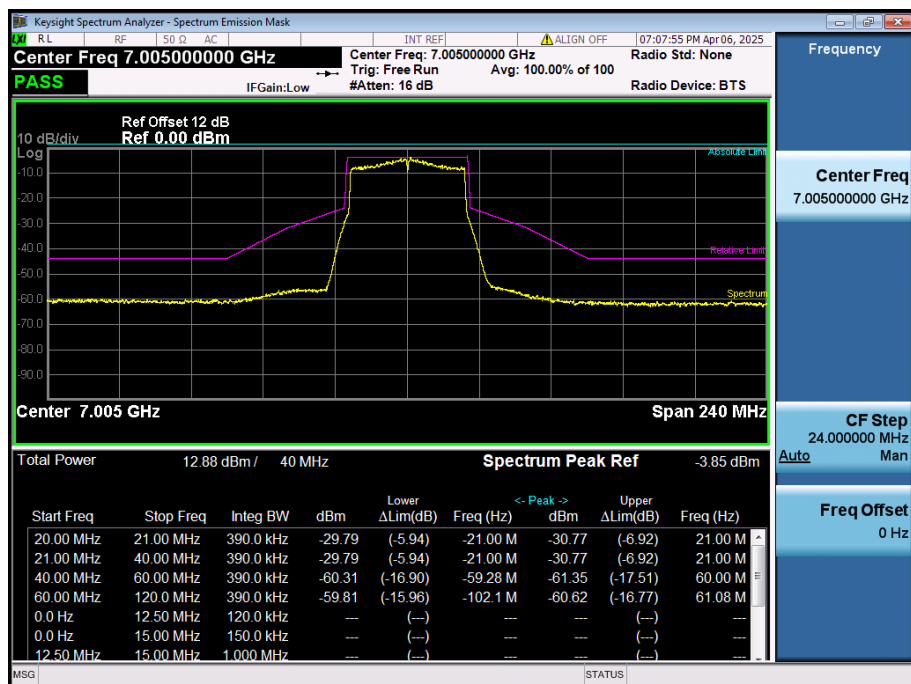
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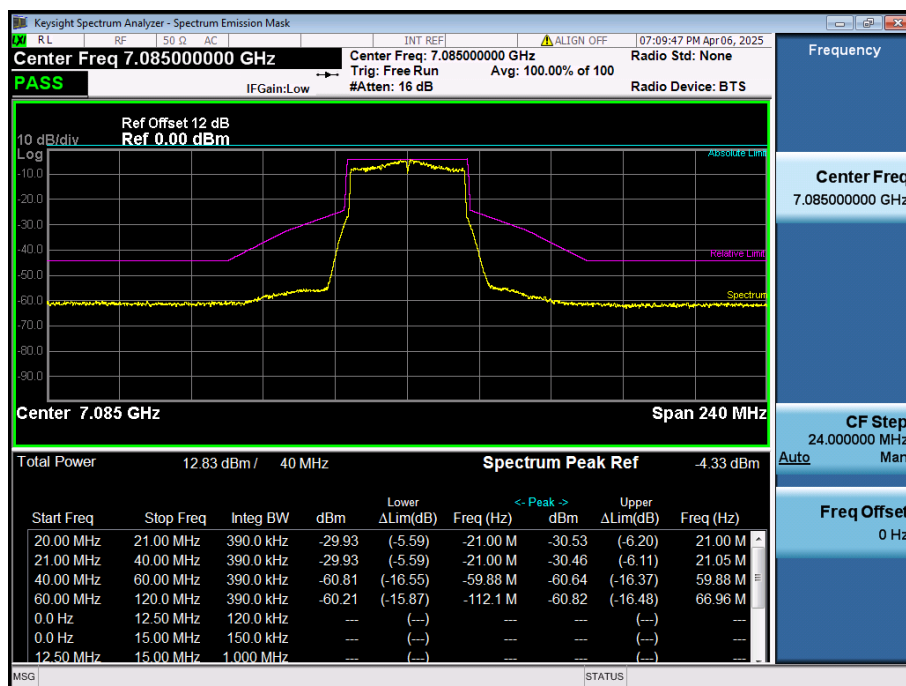
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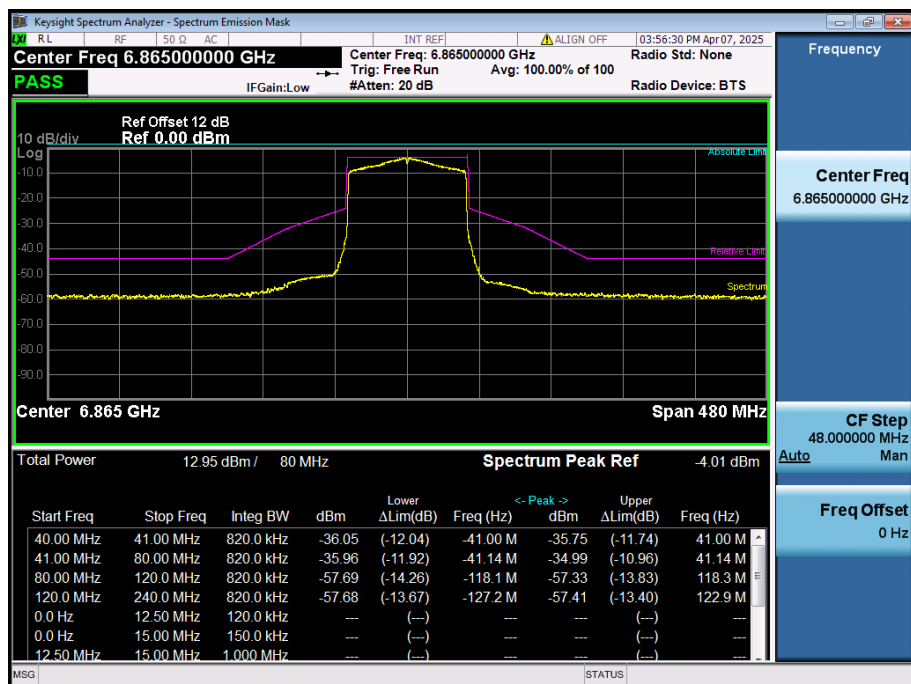
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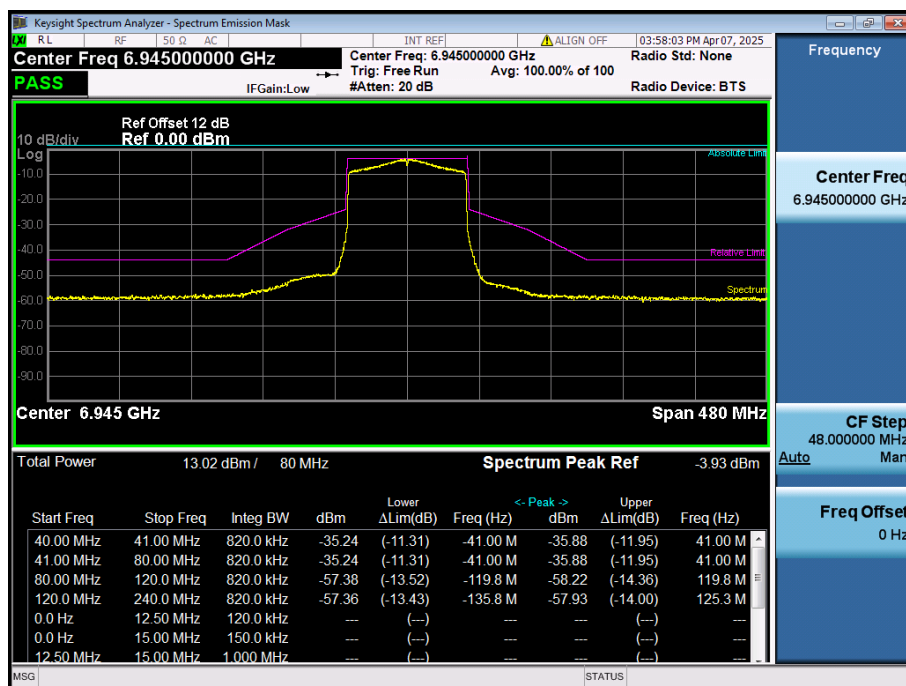
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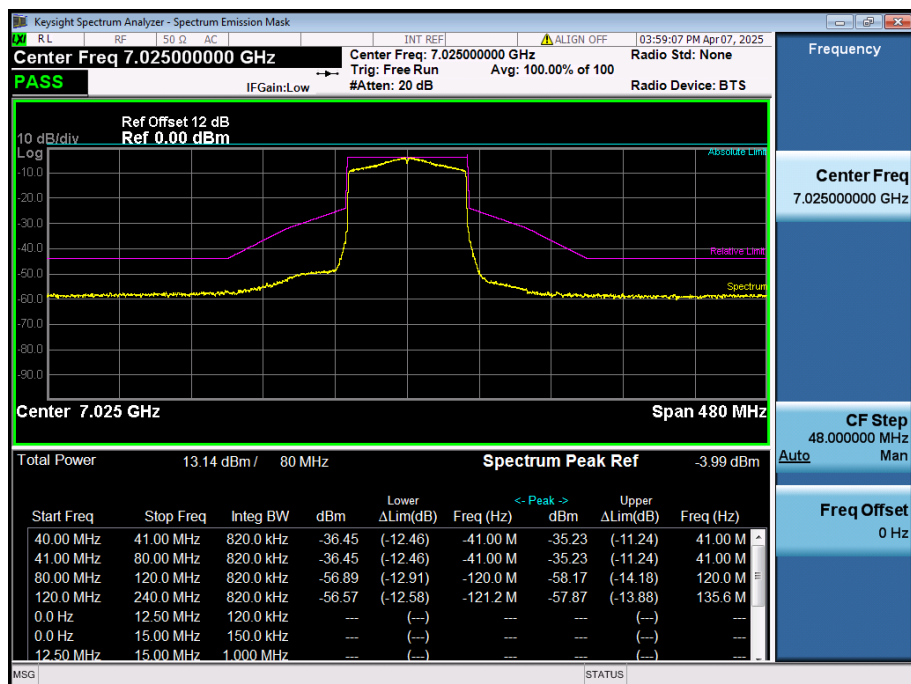
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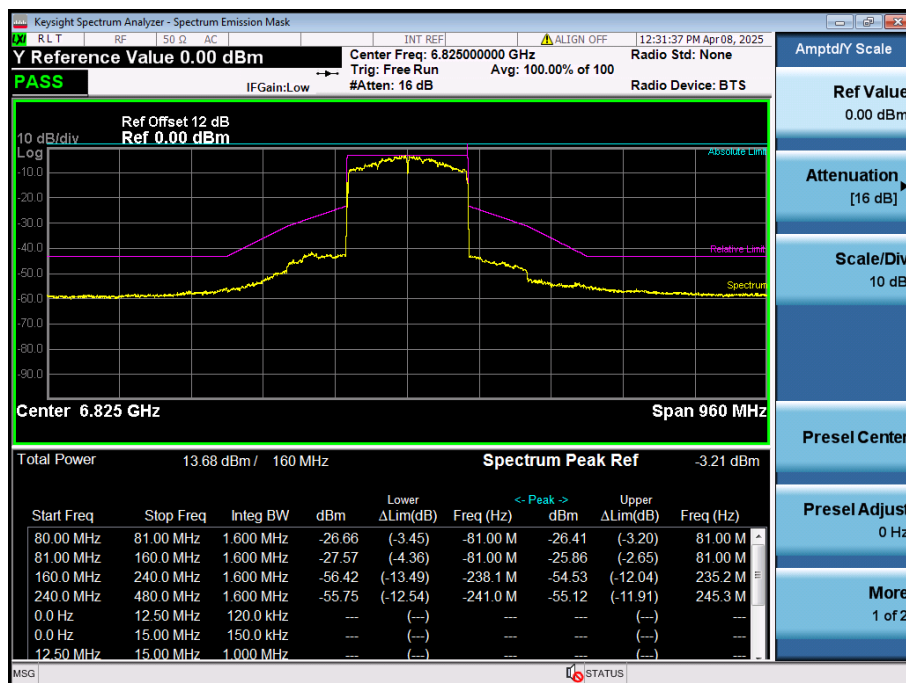
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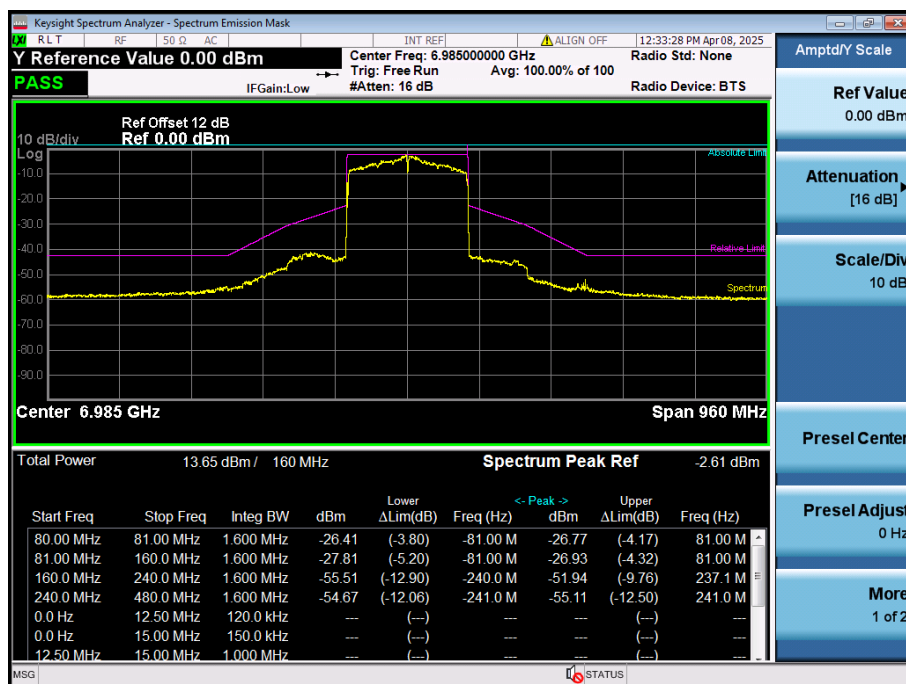
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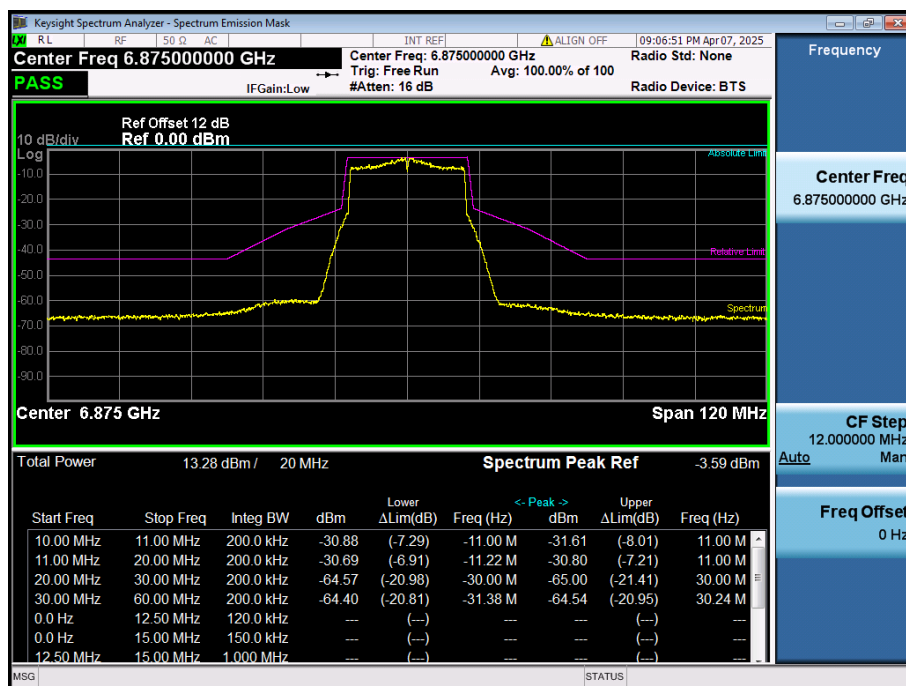
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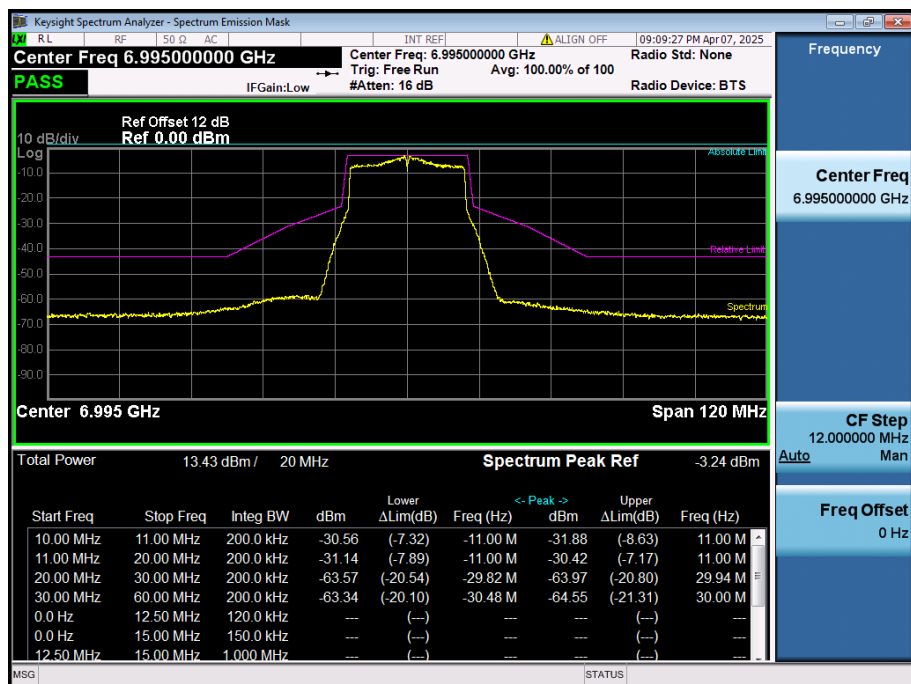
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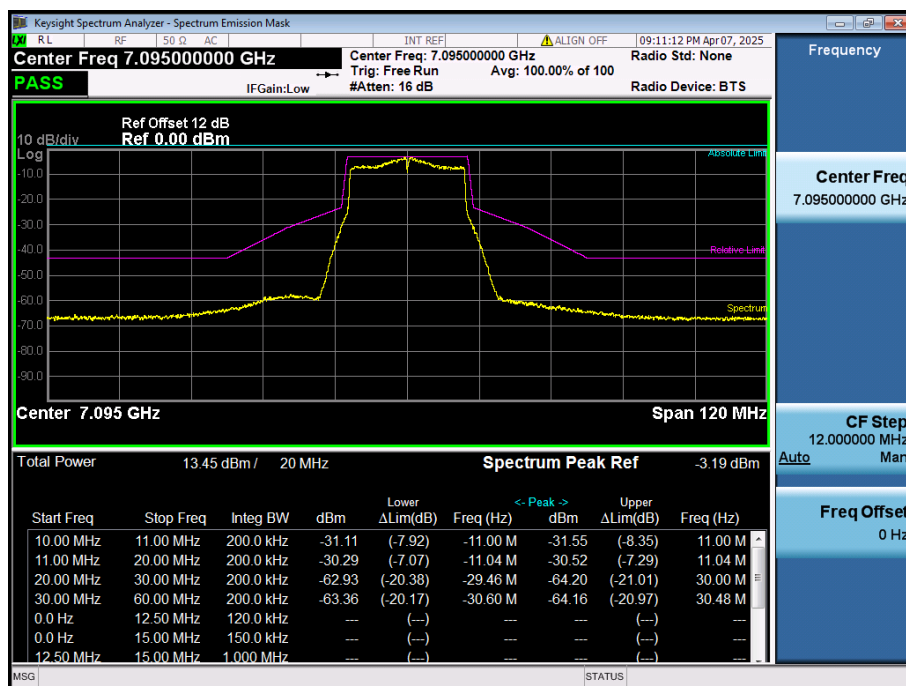
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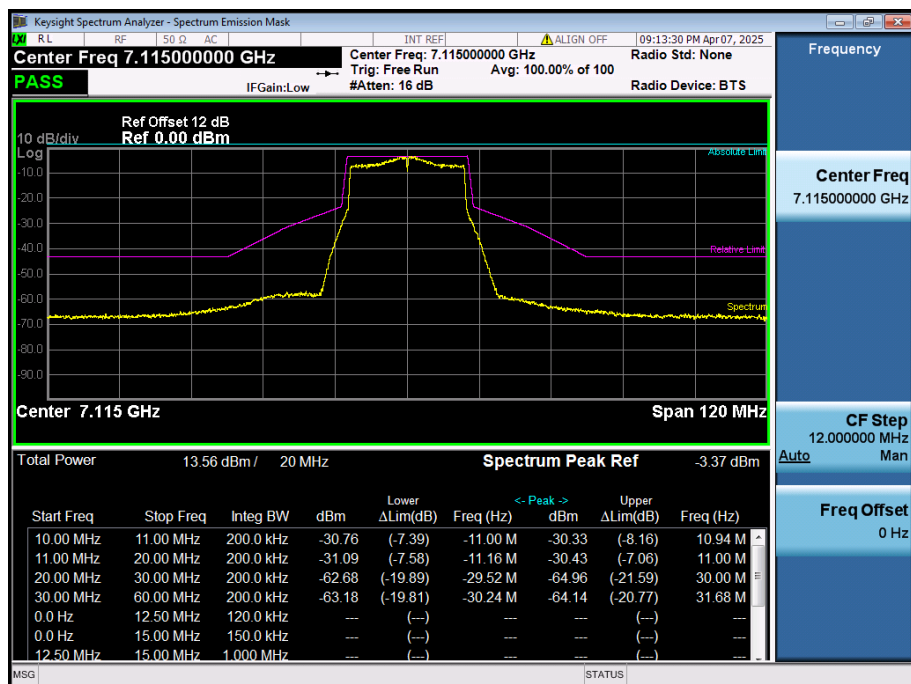
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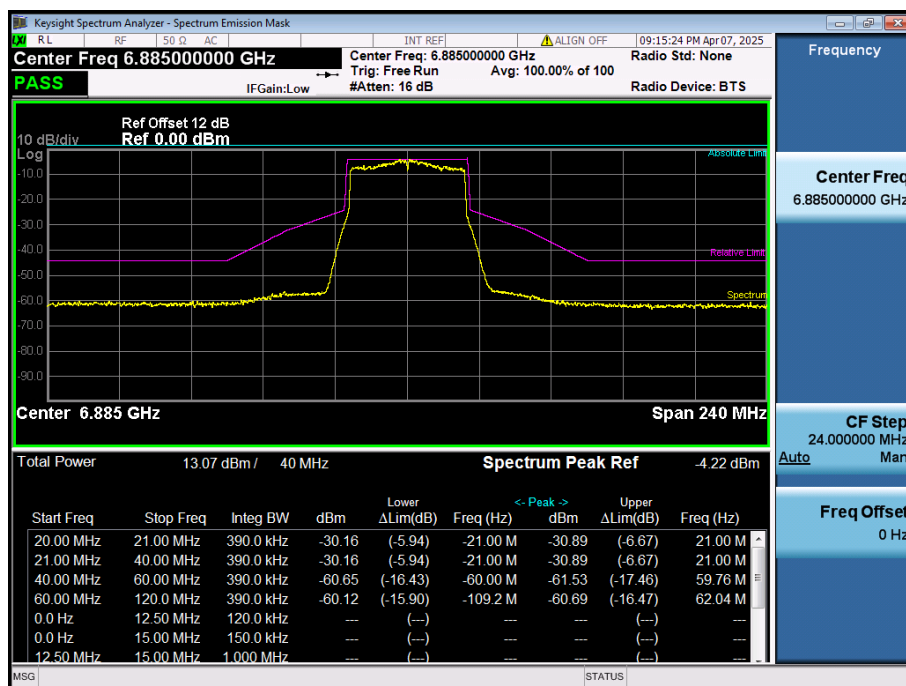
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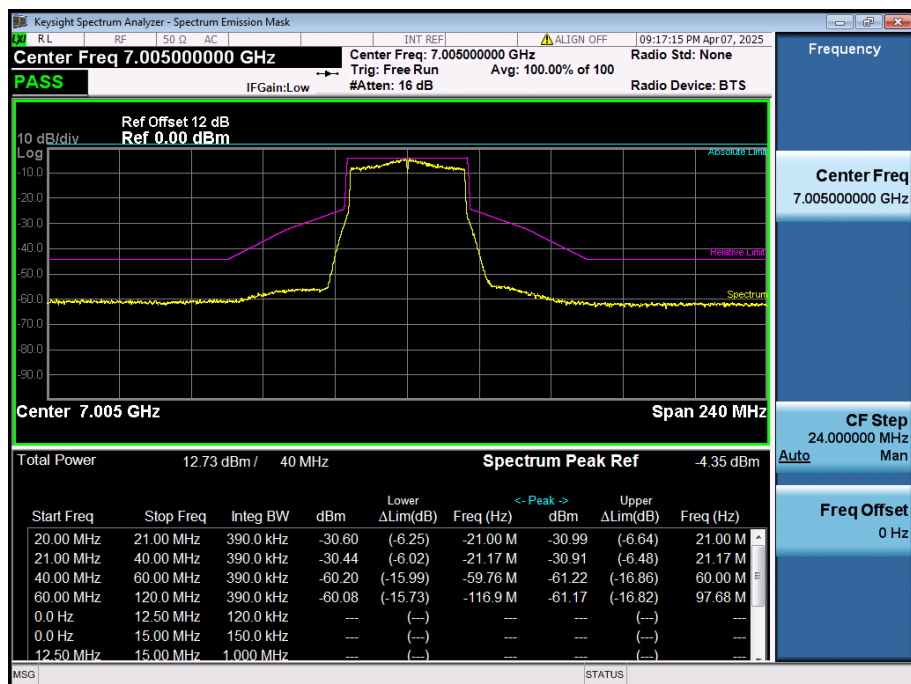
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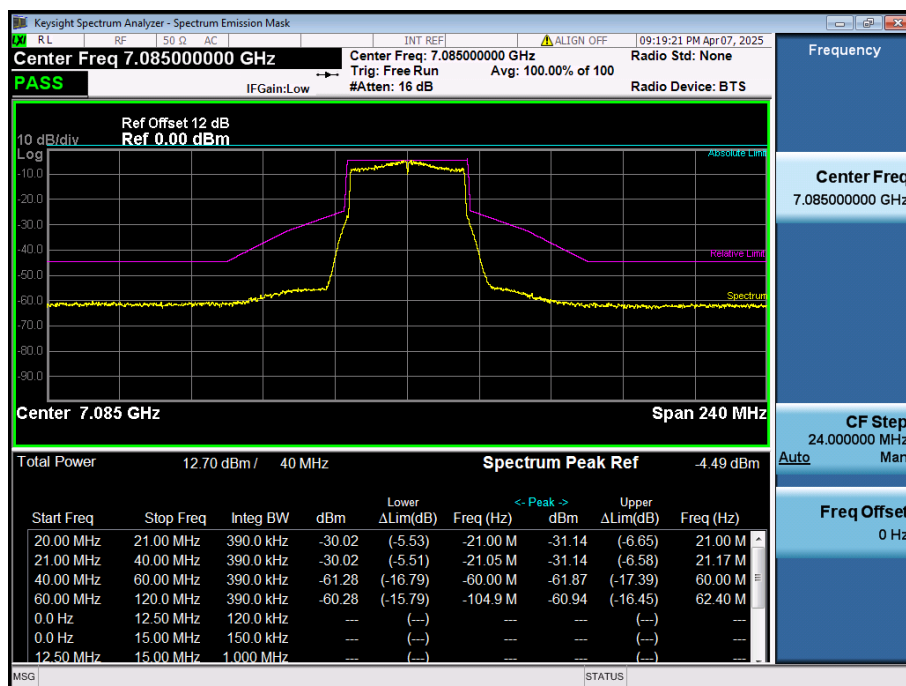
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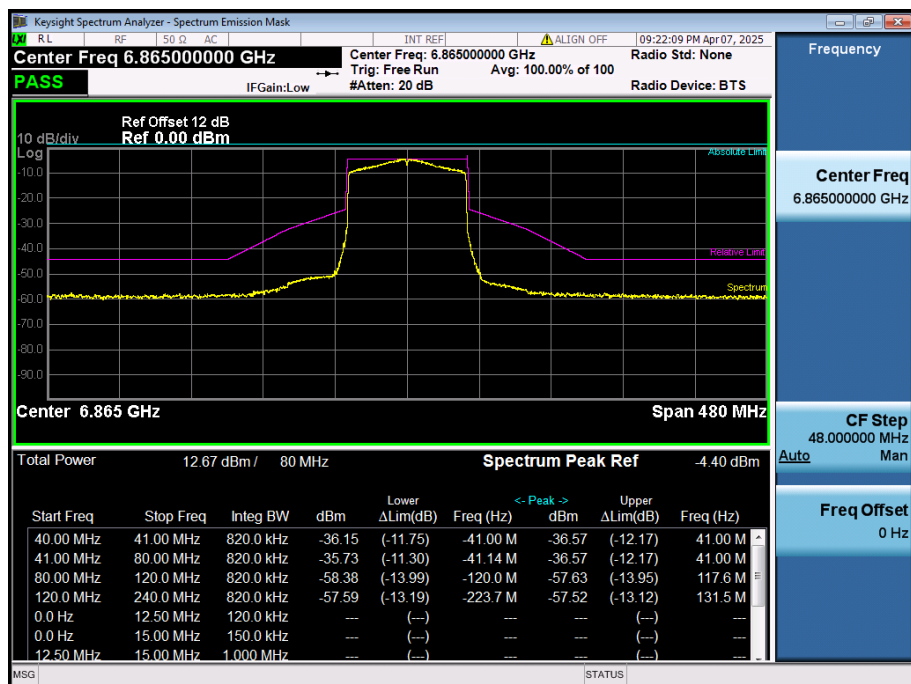
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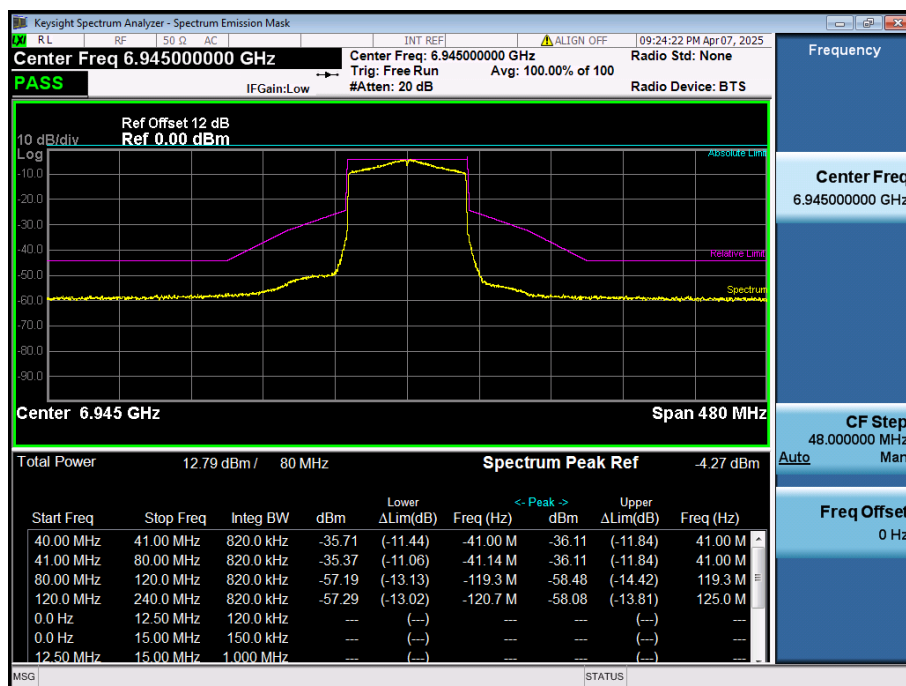
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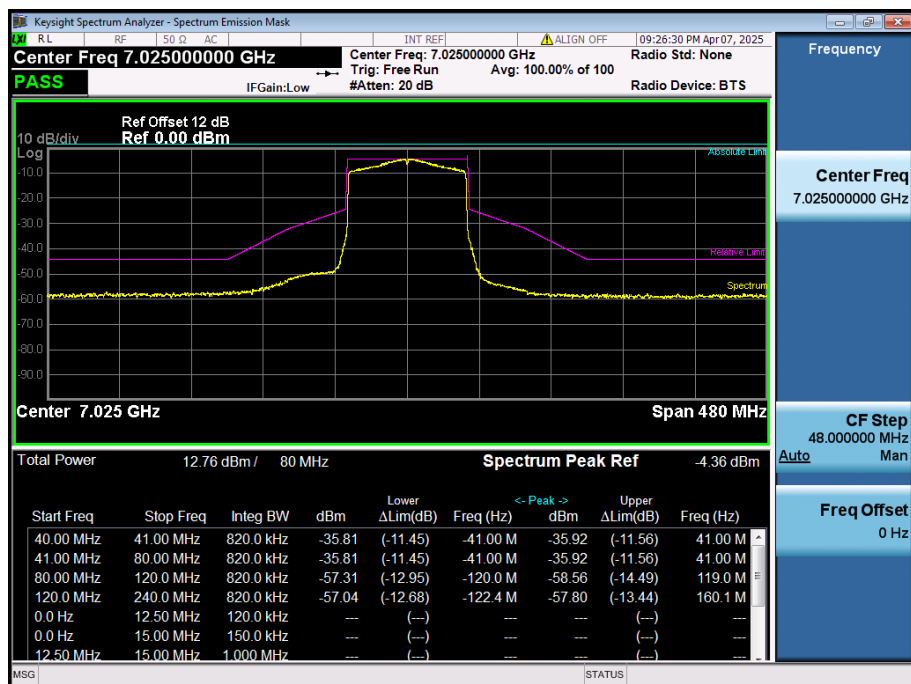
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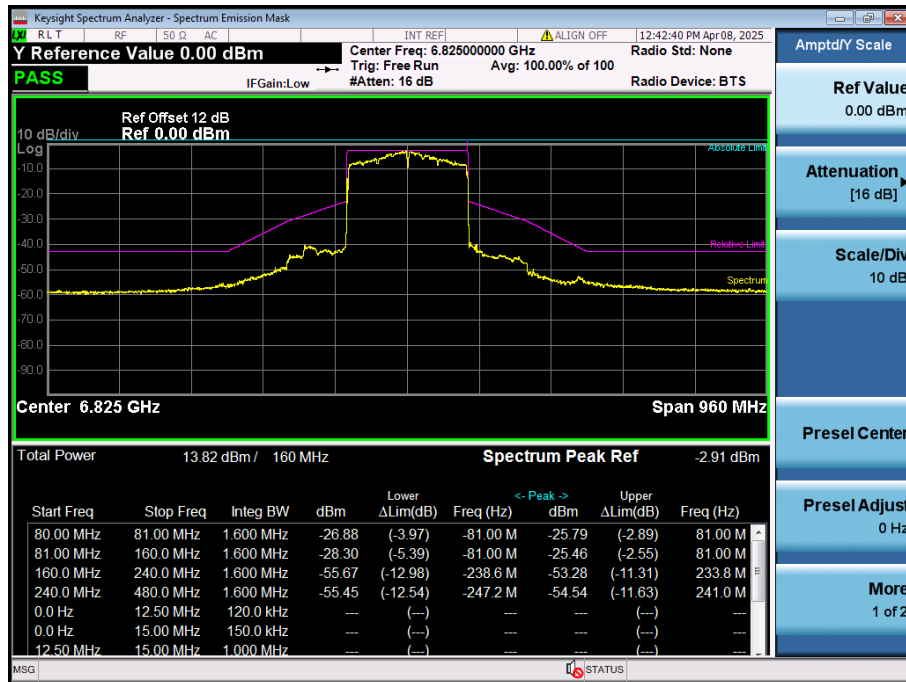
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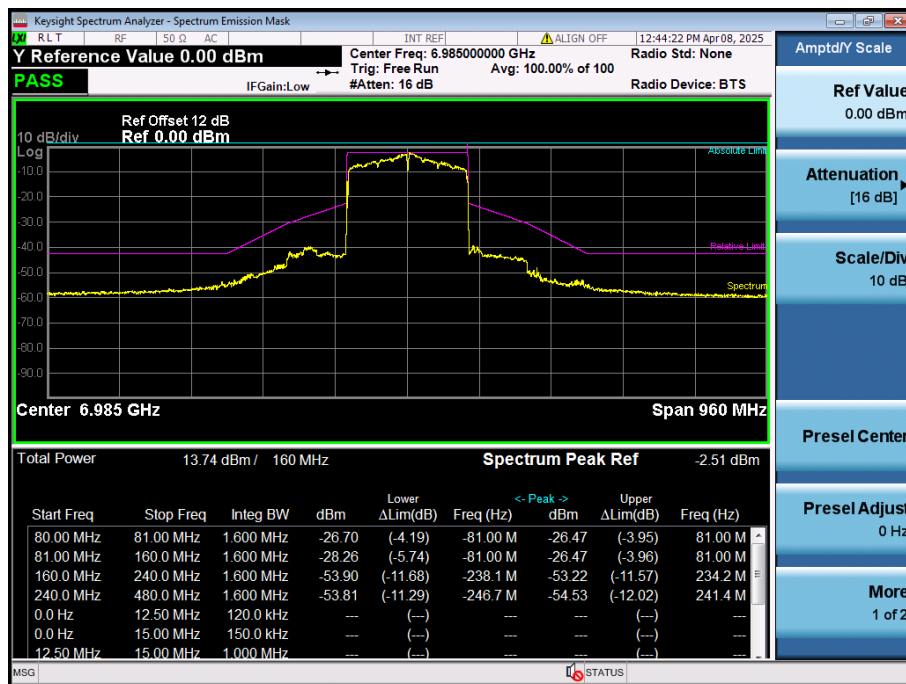
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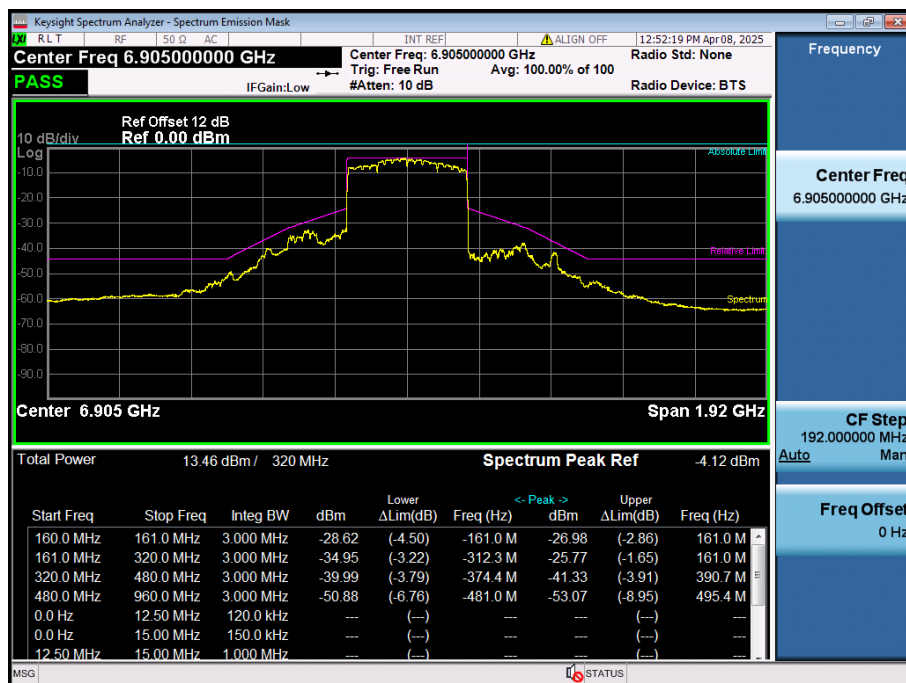
11be160(SU), U-NII-8, Low Channel



11be160(SU), U-NII-8, High Channel



11be320(SU), U-NII-8, Middle Channel



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2510665-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2510665-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2510665-AI.PDF”.

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