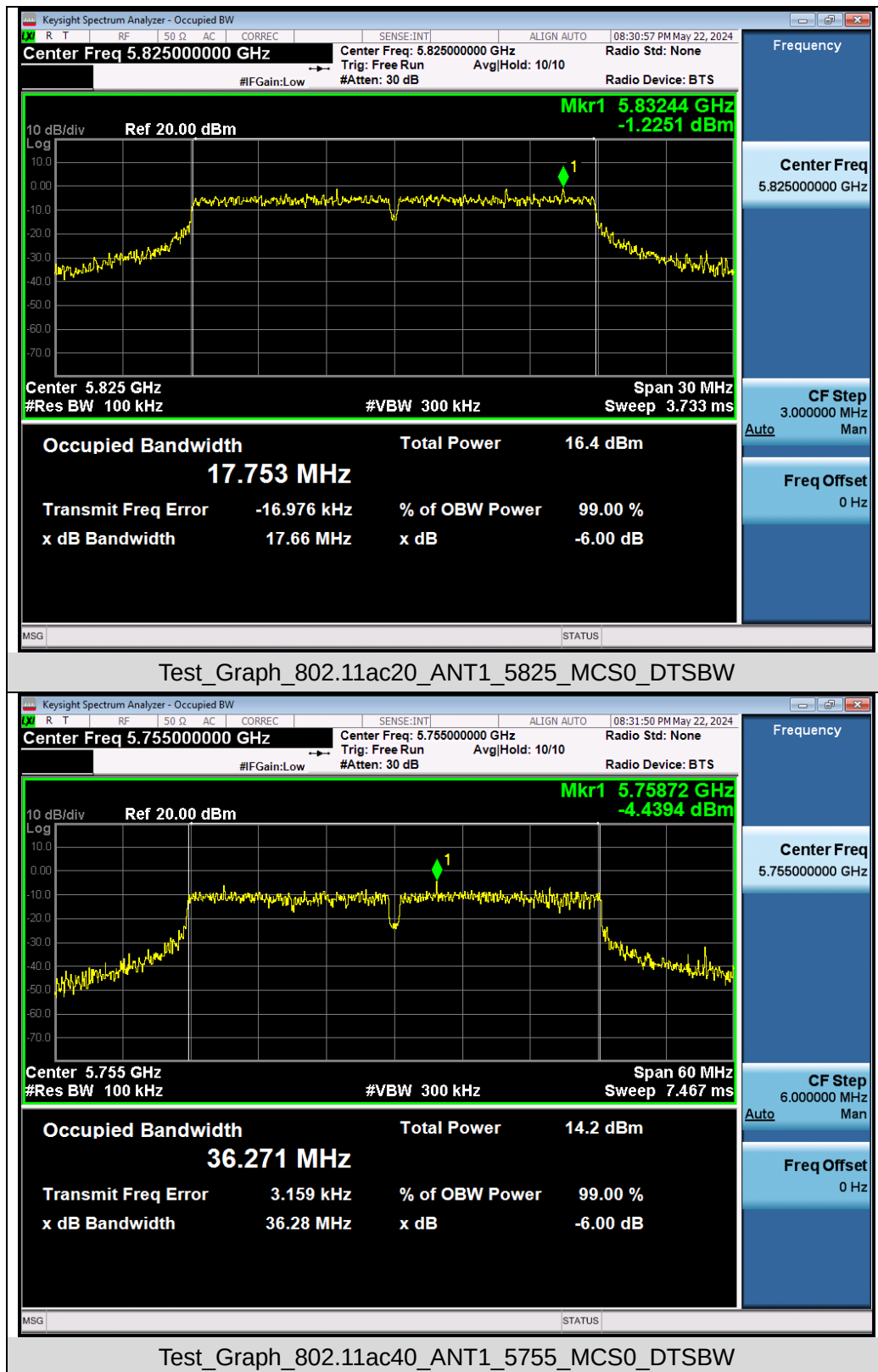
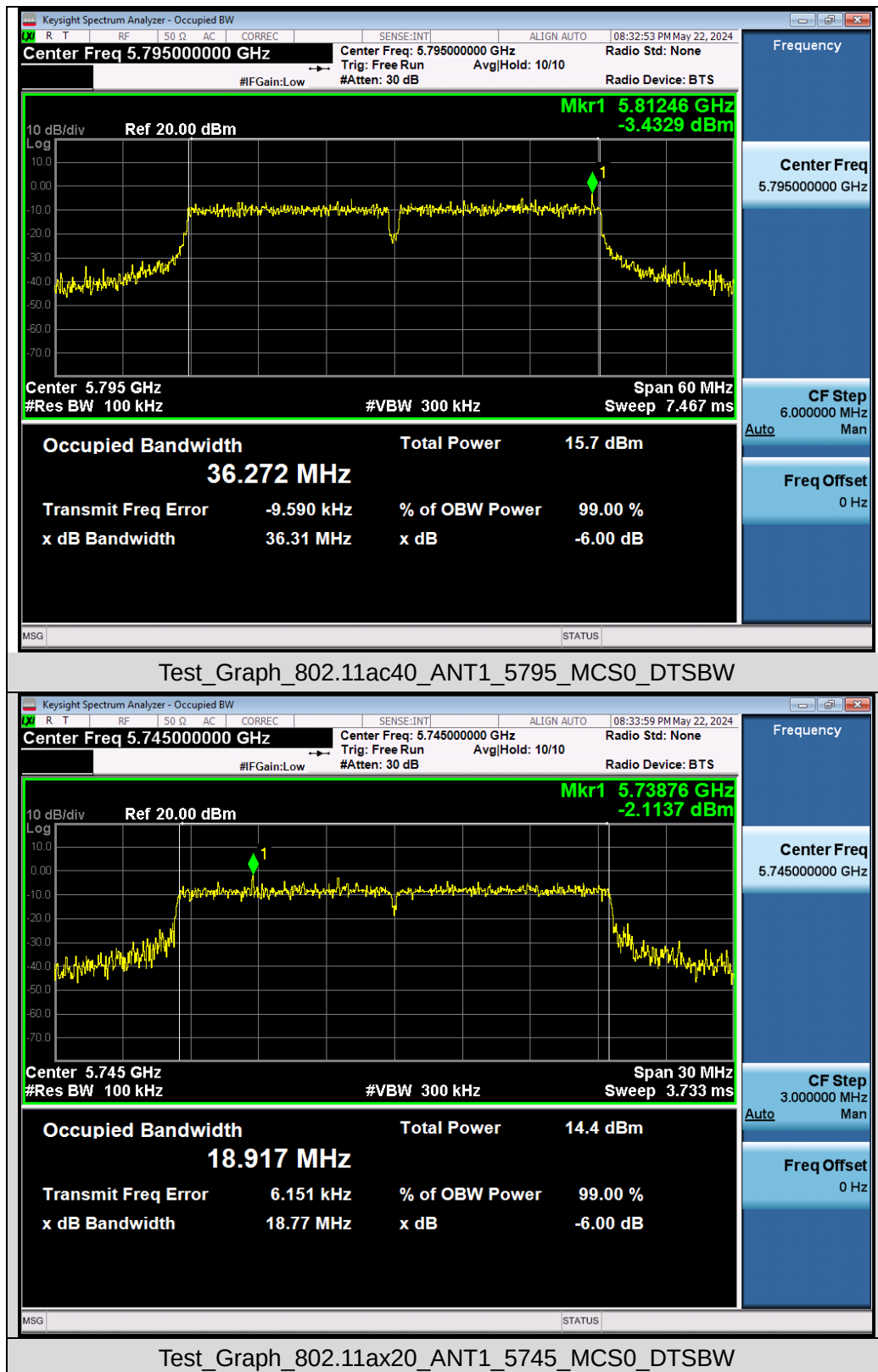




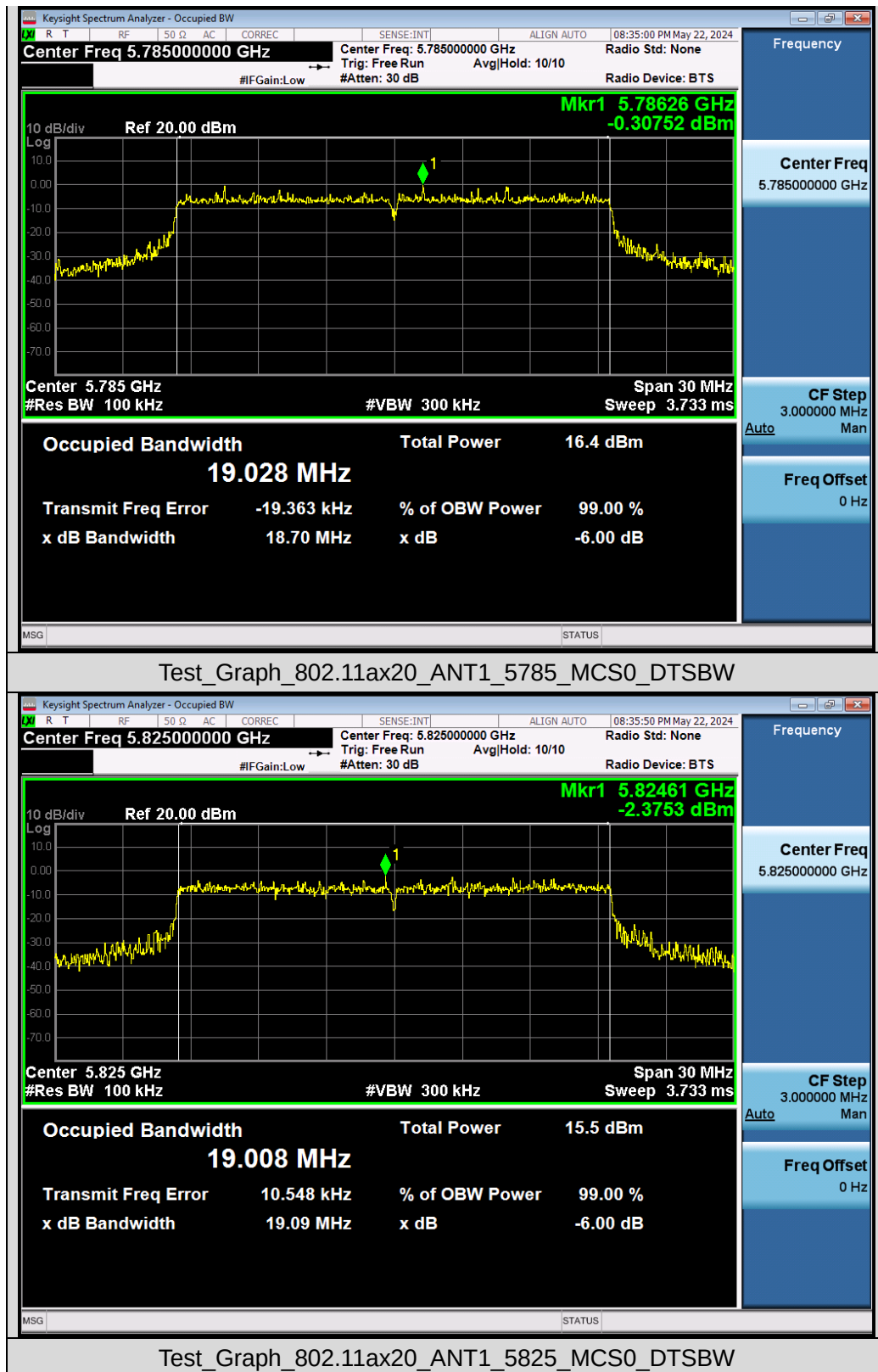
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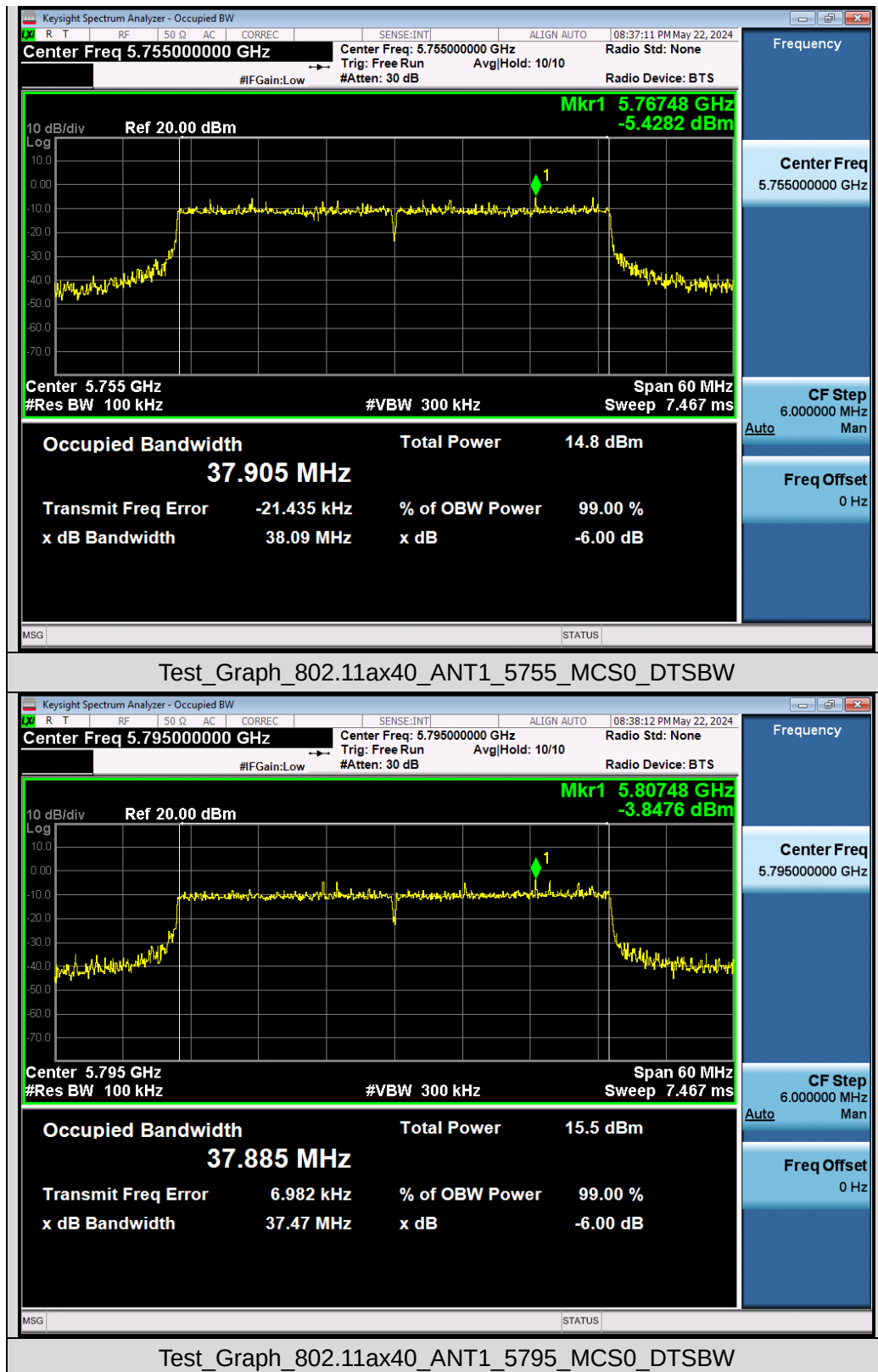


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9. Power Spectral Density Measurement

9.1 Provisions Applicable

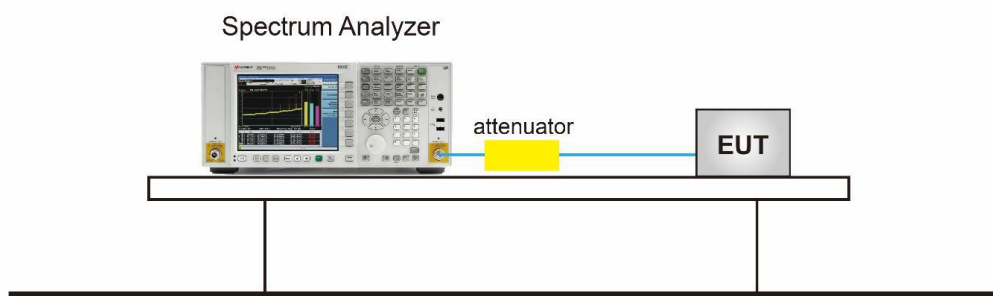
Operation Band	EUT Category		LIMIT
U-NII-1	☐	Outdoor Access Point	17dBm/ MHz
	☐	Fixed point-to-point Access Point	17dBm/ MHz
	☐	Indoor Access Point	17dBm/ MHz
	☒	Client devices	11dBm/ MHz
U-NII-2A	/		11dBm/ MHz
U-NII-2C	/		11dBm/ MHz
U-NII-3	/		30 dBm/500kHz

9.2 Measurement Procedure

☒ For Average power spectral density test:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz.
4. If measurement bandwidth of Maximum PSD is specified in 500 kHz, RBW = 100KHz
5. Set VBW $\geq$ [3 $\times$ RBW].
6. Sweep Time=Auto couple.
7. Detector function=RMS (i.e., power averaging).
8. Trace average at least 100 traces in power averaging (rms) mode.
9. When the measurement bandwidth of Maximum PSD is specified in 100 kHz, add a constant factor $10 \times \log(500\text{kHz}/100\text{kHz}) = 6.99$ dB to the measured result.
10. Determine according to the duty cycle of the equipment: when it is less than 98%, follow the steps below.
11. Add [10 log (1/D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add [10 log (1/0.25)] = 6 dB if the duty cycle is 25%.
12. Record the test results in the report.

9.3 Measurement Setup (Block Diagram of Configuration)



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9.4 Measurement Result

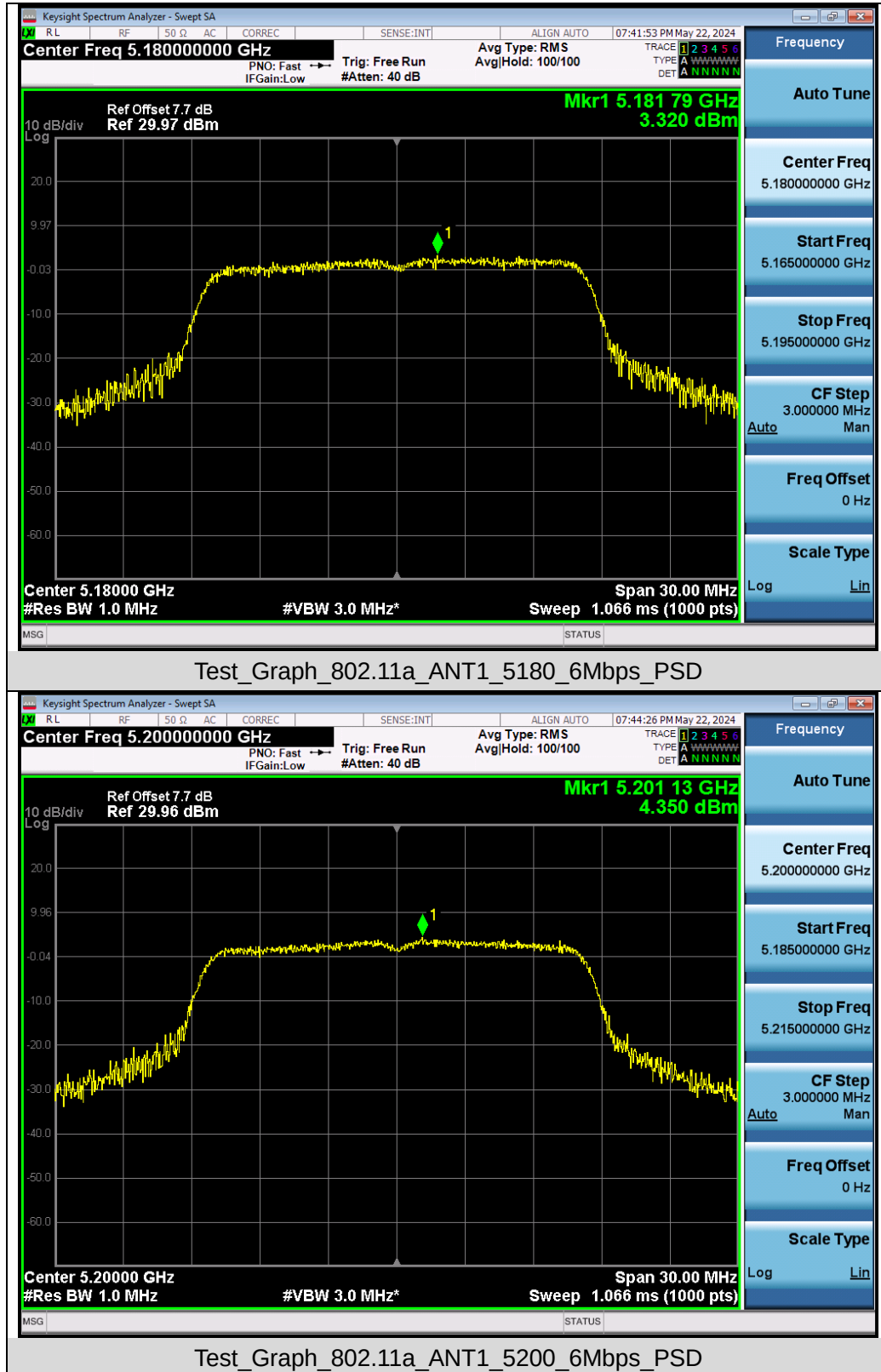
Test Data of Conducted Output Power Density for band 5.15-5.25 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
802.11a	5180	3.589	11	Pass
	5200	4.350	11	Pass
	5240	3.444	11	Pass
802.11n20	5180	1.293	11	Pass
	5200	2.594	11	Pass
	5240	2.839	11	Pass
802.11n40	5190	2.348	11	Pass
	5230	0.913	11	Pass
802.11ac20	5180	3.410	11	Pass
	5200	4.083	11	Pass
	5240	3.423	11	Pass
802.11ac40	5190	0.892	11	Pass
	5230	1.728	11	Pass
802.11ax20	5180	3.967	11	Pass
	5200	3.797	11	Pass
	5240	2.663	11	Pass
802.11ax40	5190	-1.375	11	Pass
	5230	1.437	11	Pass

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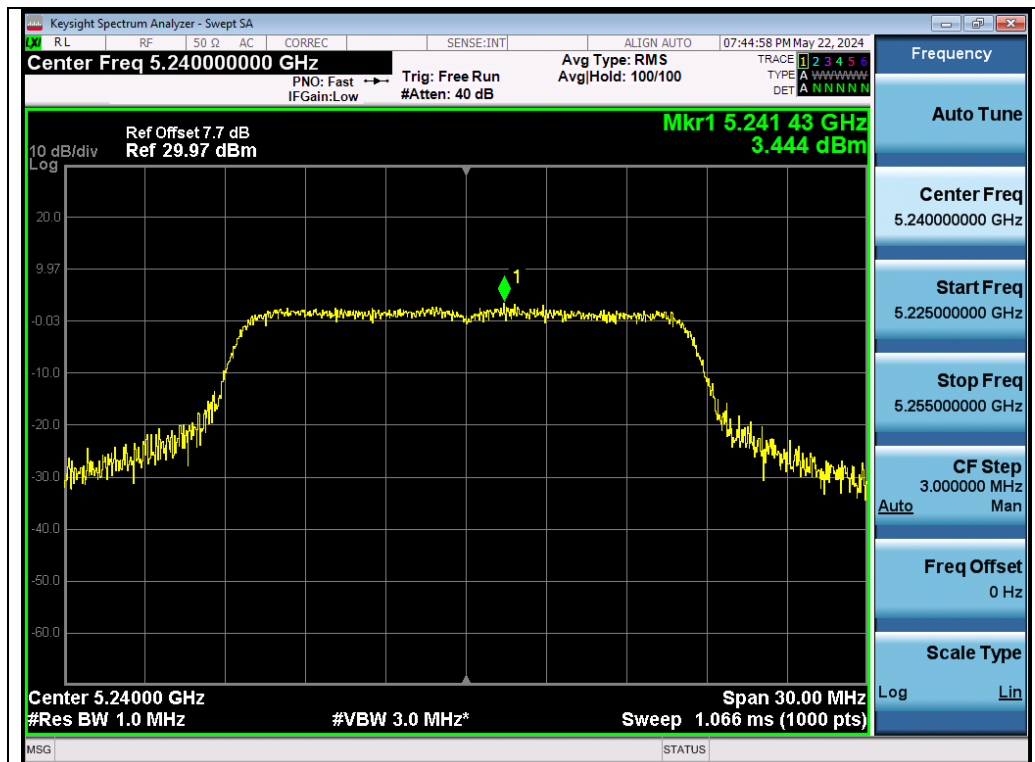
Test Data of Conducted Output Power Density for band 5.725-5.85 GHz					
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail
802.11a	5745	-9.107	-2.117	30	Pass
	5785	-6.869	0.121	30	Pass
	5825	-8.000	-1.010	30	Pass
802.11n20	5745	-9.003	-2.013	30	Pass
	5785	-7.528	-0.538	30	Pass
	5825	-8.059	-1.069	30	Pass
802.11n40	5755	-10.545	-3.555	30	Pass
	5795	-9.844	-2.854	30	Pass
802.11ac20	5745	-8.343	-1.353	30	Pass
	5785	-7.617	-0.627	30	Pass
	5825	-6.092	0.898	30	Pass
802.11ac40	5755	-11.107	-4.117	30	Pass
	5795	-9.691	-2.701	30	Pass
802.11ax20	5745	-8.601	-1.611	30	Pass
	5785	-8.412	-1.422	30	Pass
	5825	-7.977	-0.987	30	Pass
802.11ax40	5755	-11.410	-4.420	30	Pass
	5795	-7.568	-0.578	30	Pass

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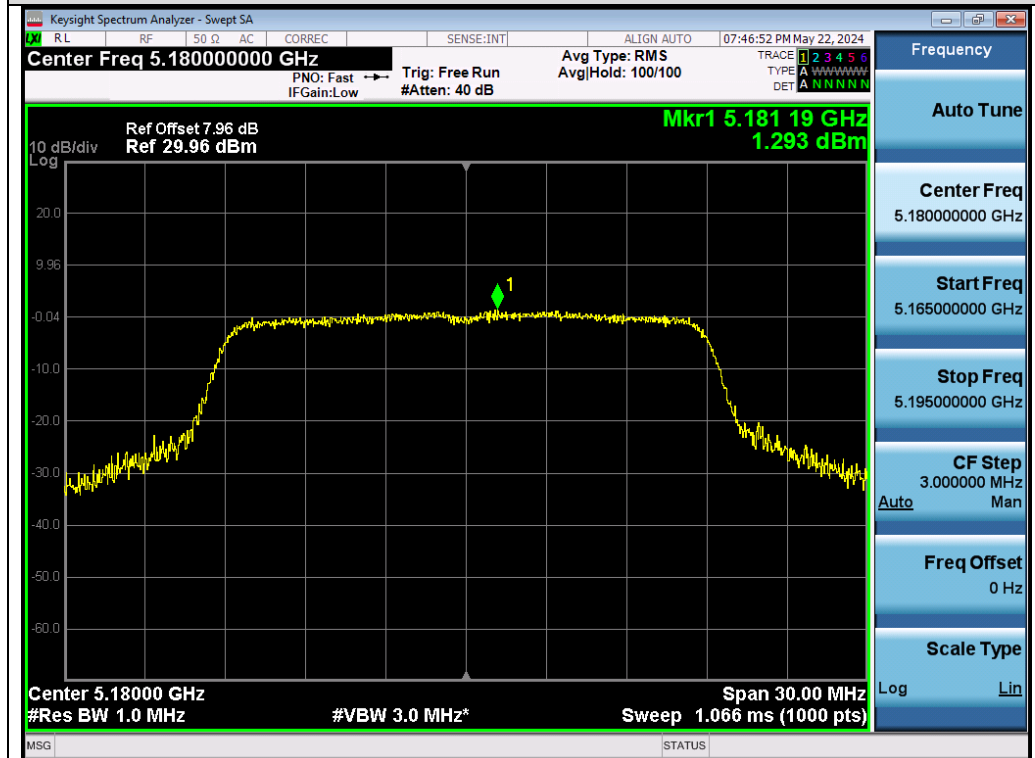
Test Graphs of Conducted Output Power Spectral Density for band 5.15-5.25 GHz



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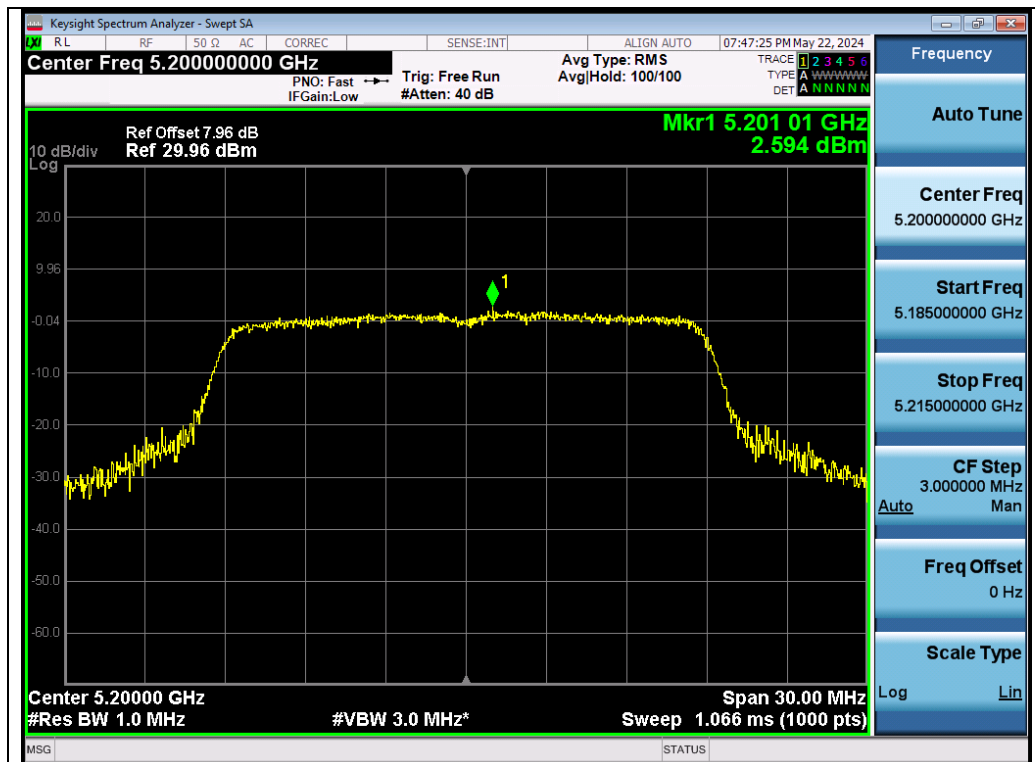
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Test_Graph_802.11n20_ANT1_5180_MCS0_PSD

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Test_Graph_802.11n20_ANT1_5200_MCS0_PSD



Test_Graph_802.11n20_ANT1_5240_MCS0_PSD

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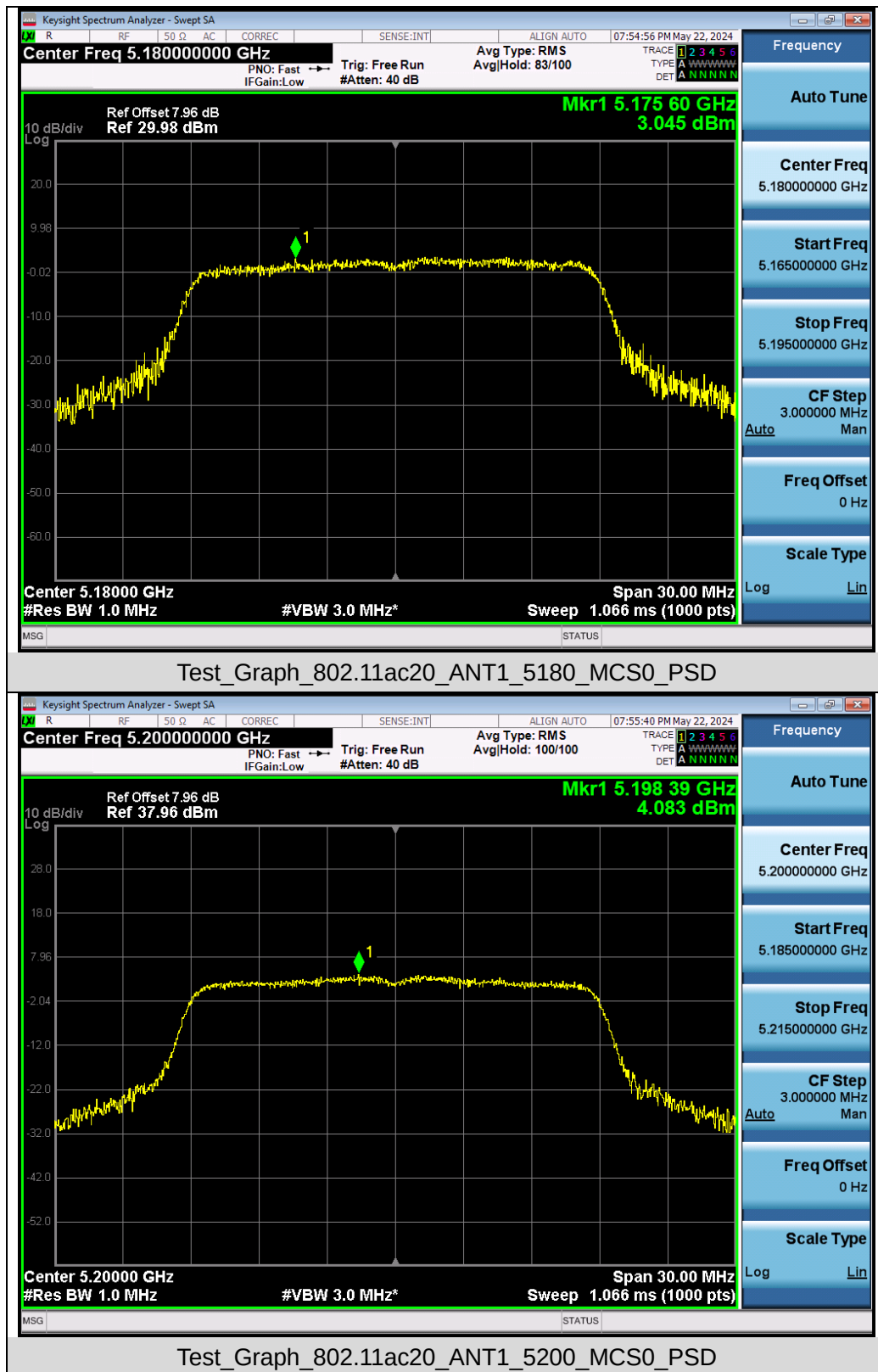
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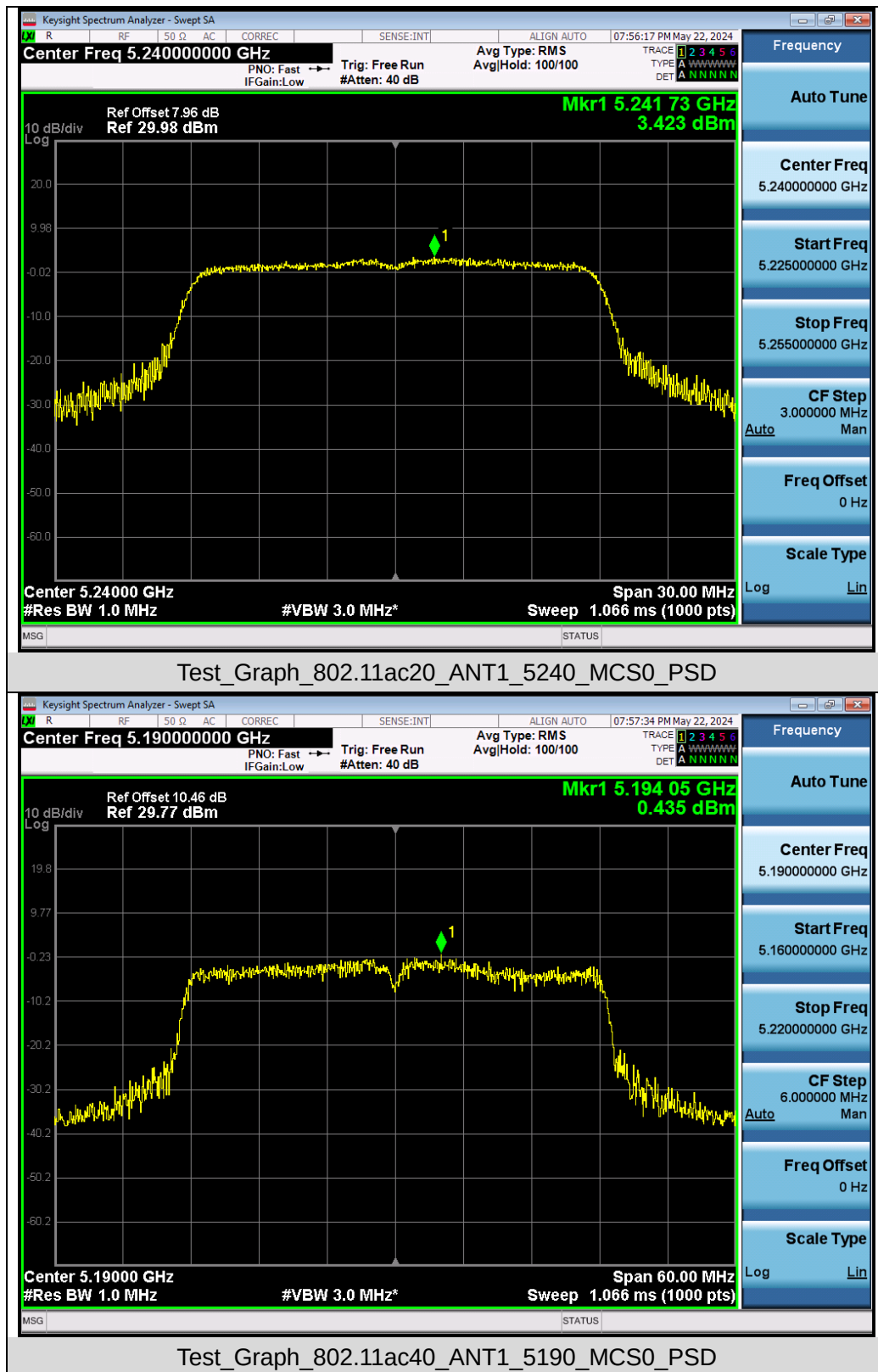
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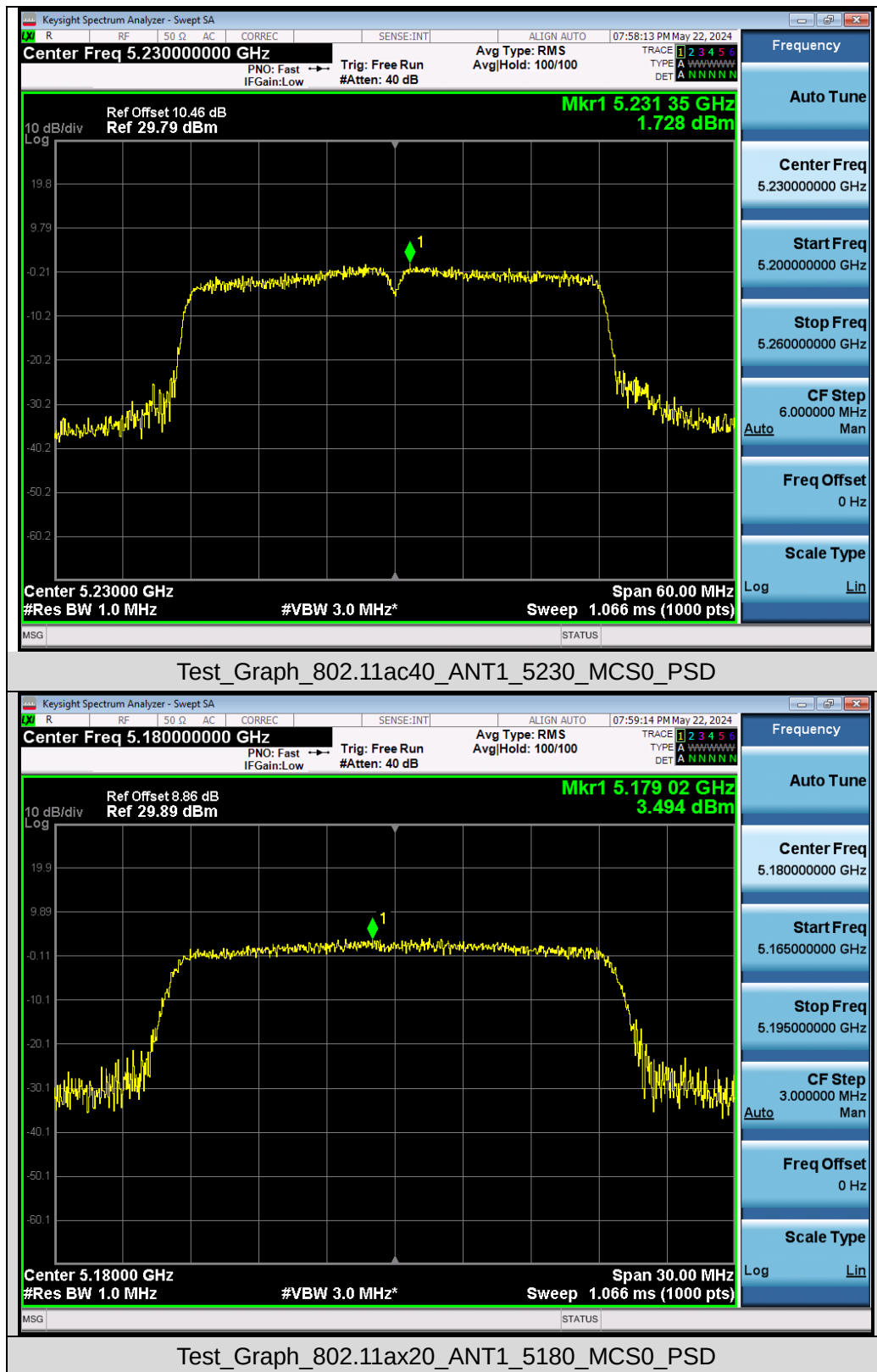


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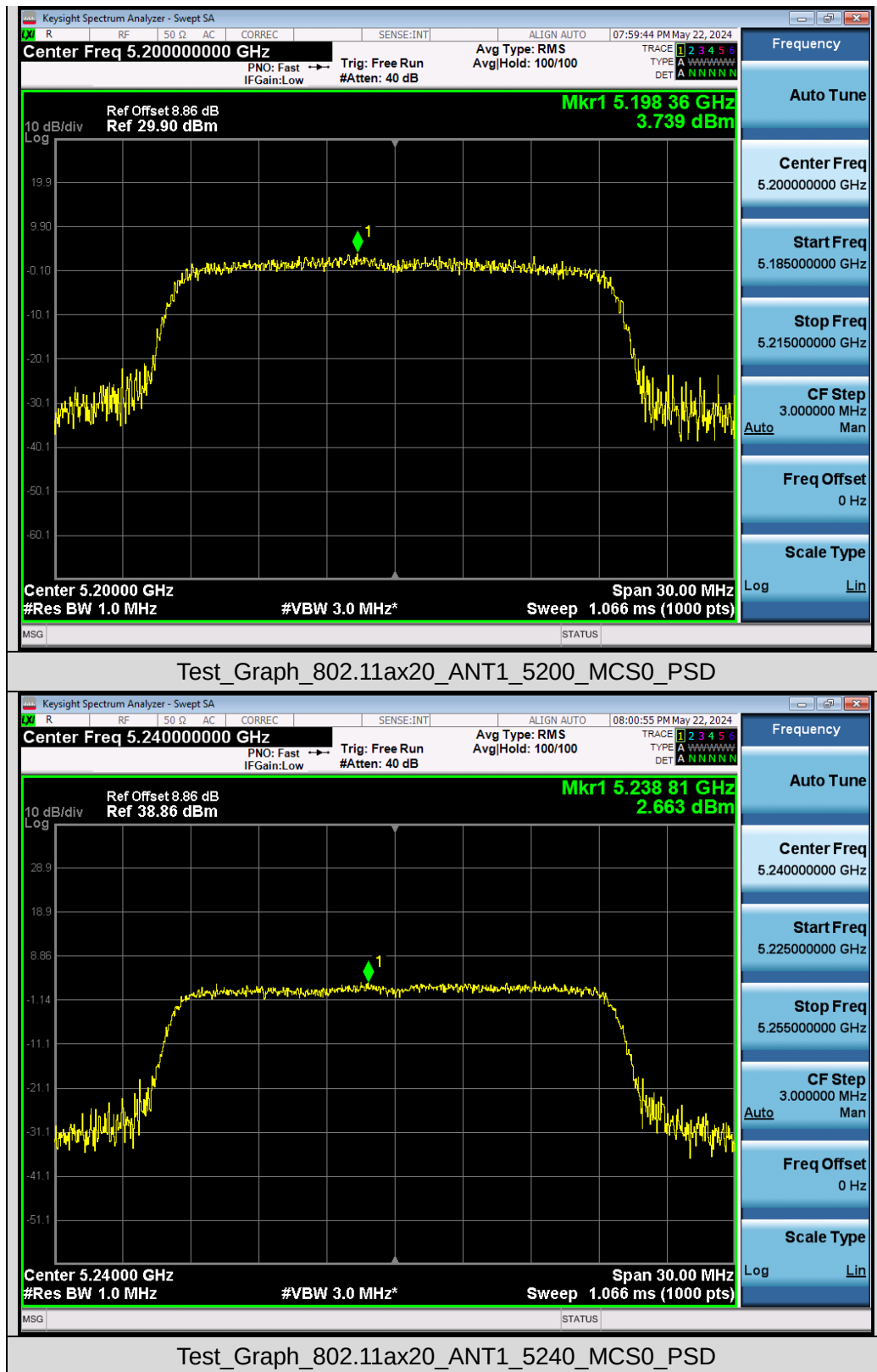
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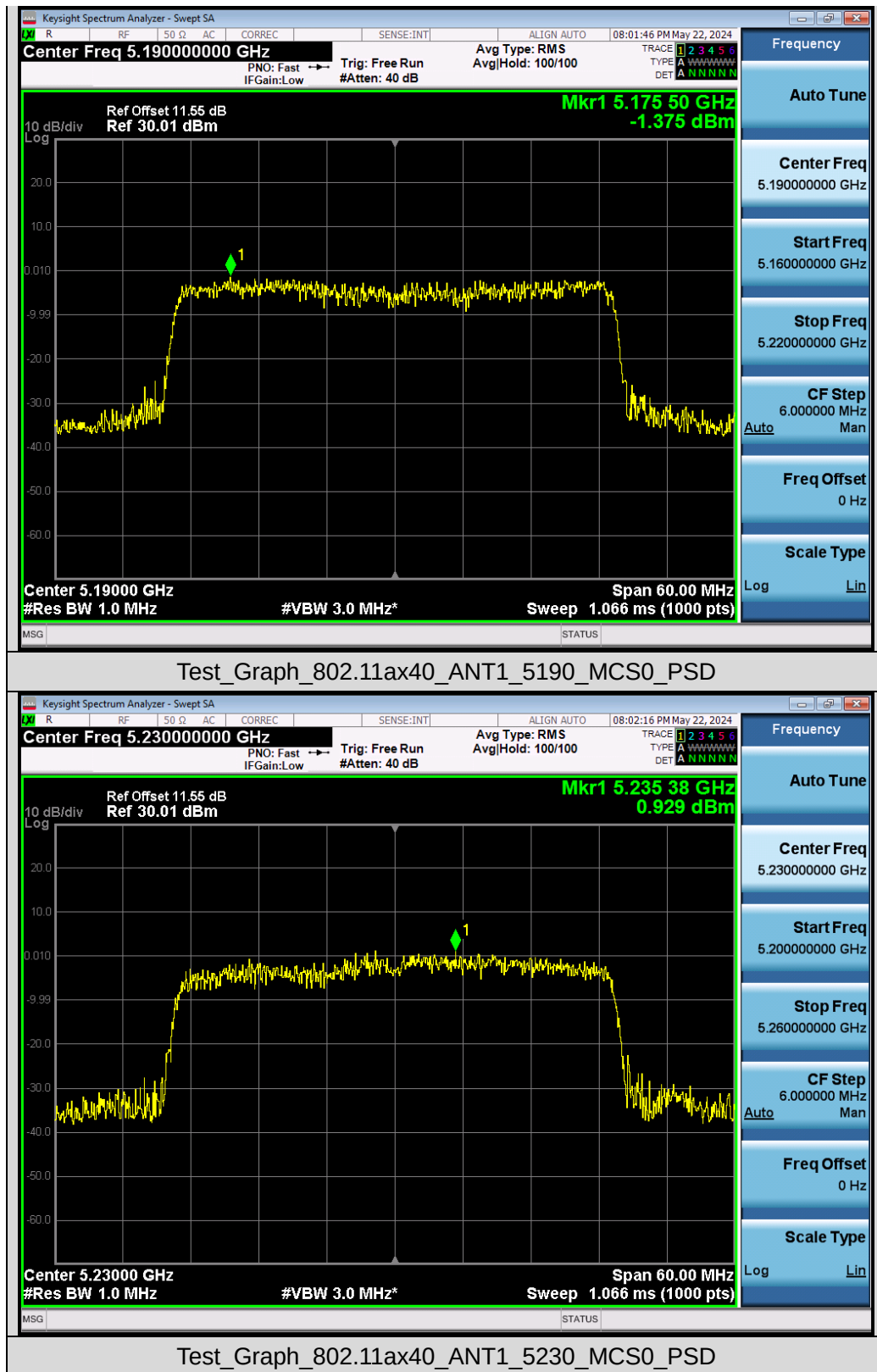


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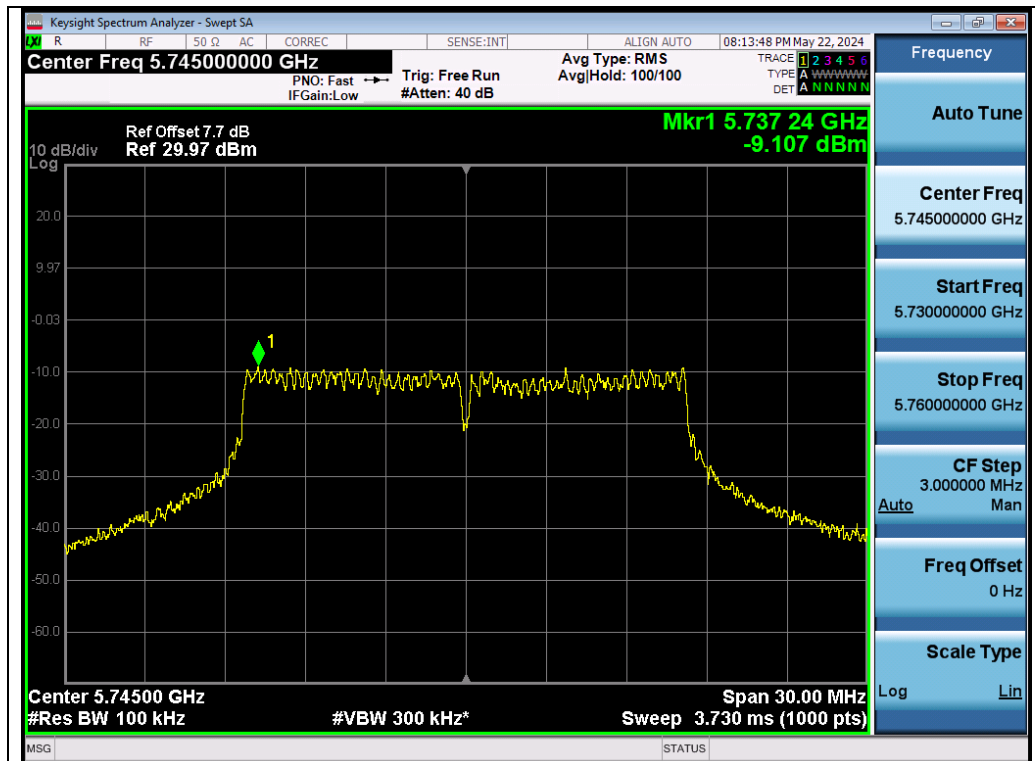
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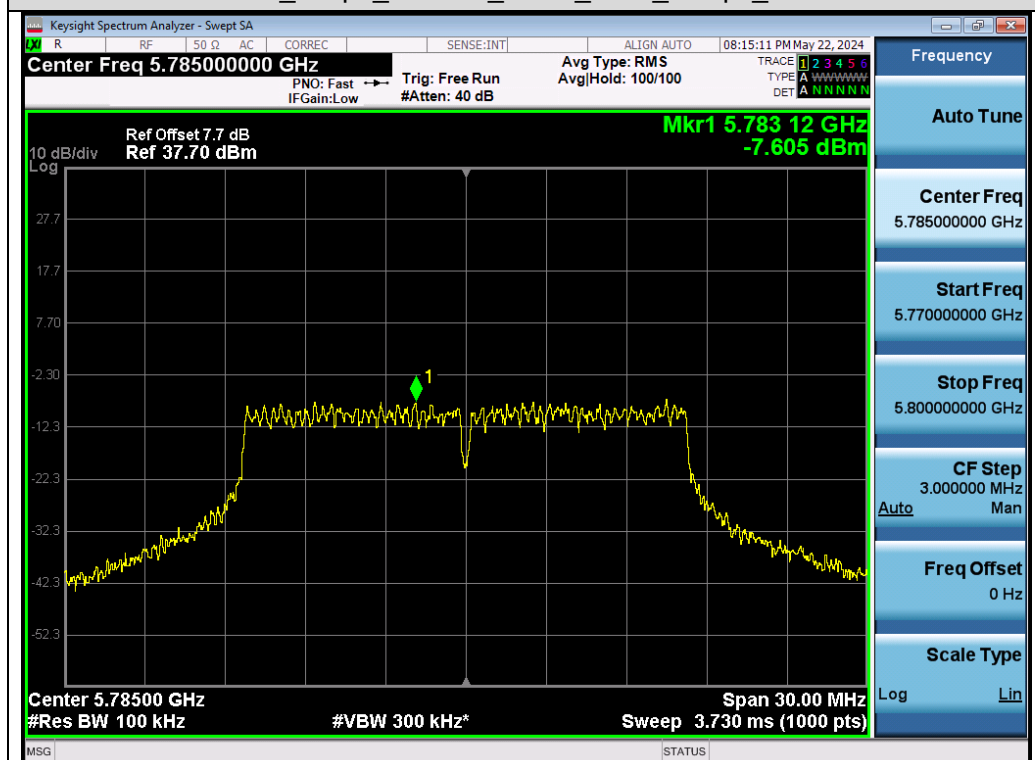
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Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz

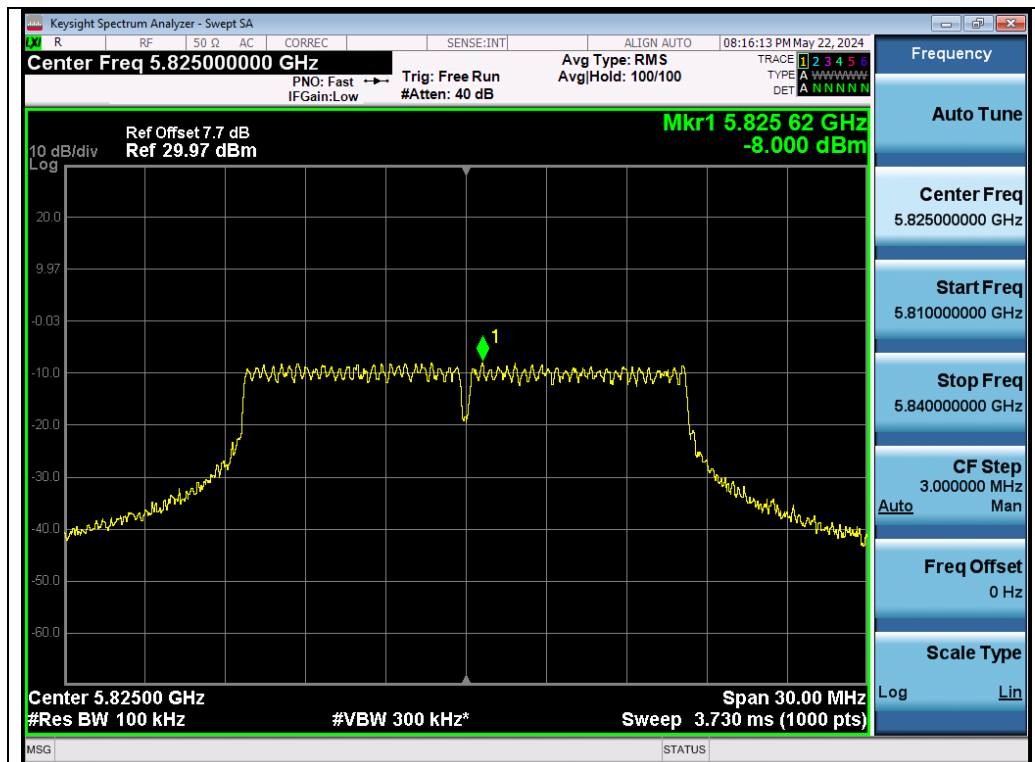


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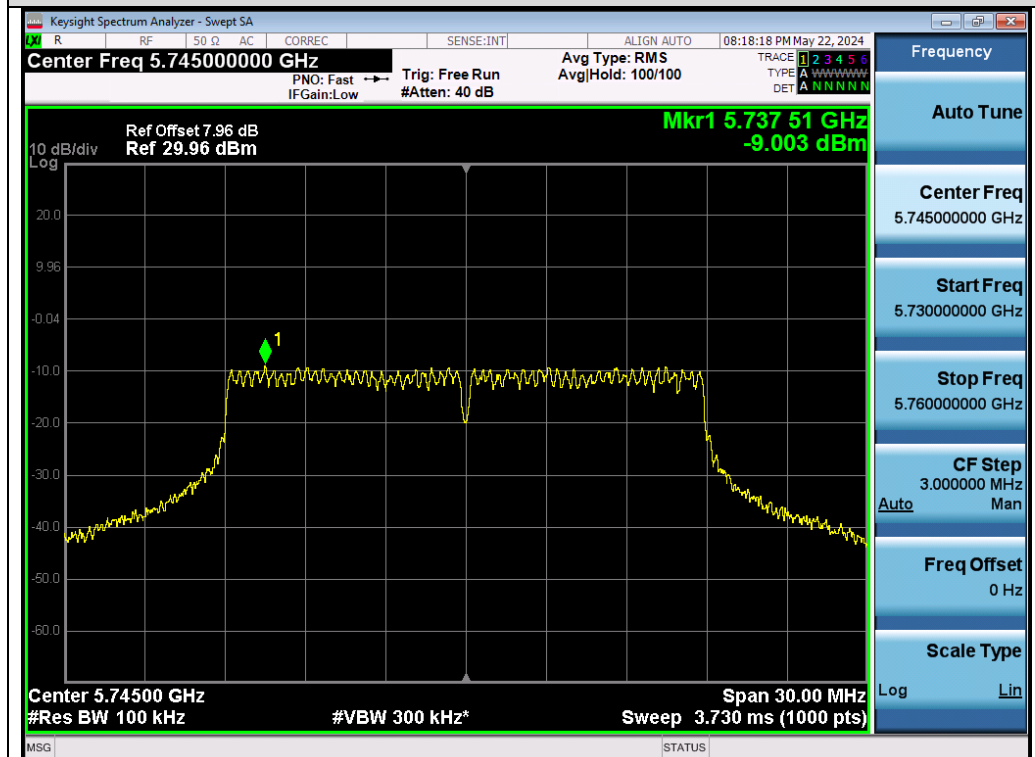


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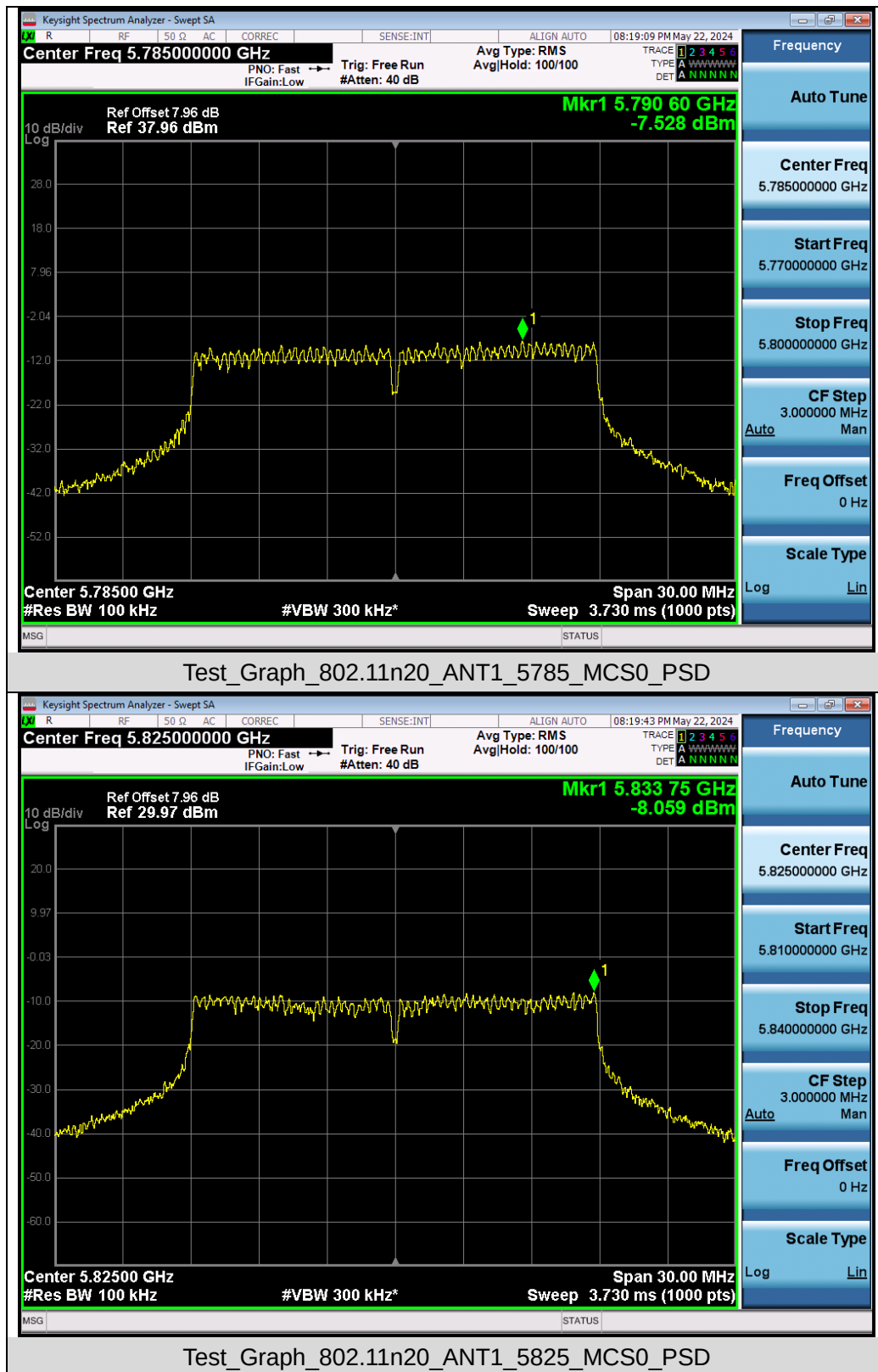
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Test_Graph_802.11n20_ANT1_5745_MCS0_PSD

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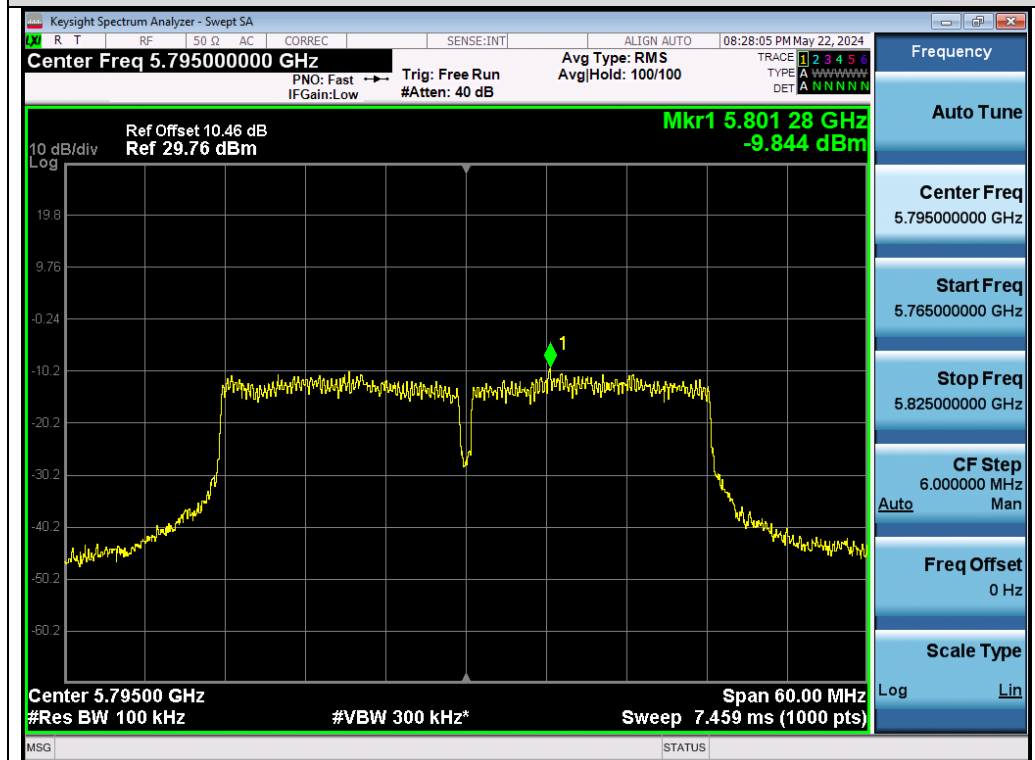


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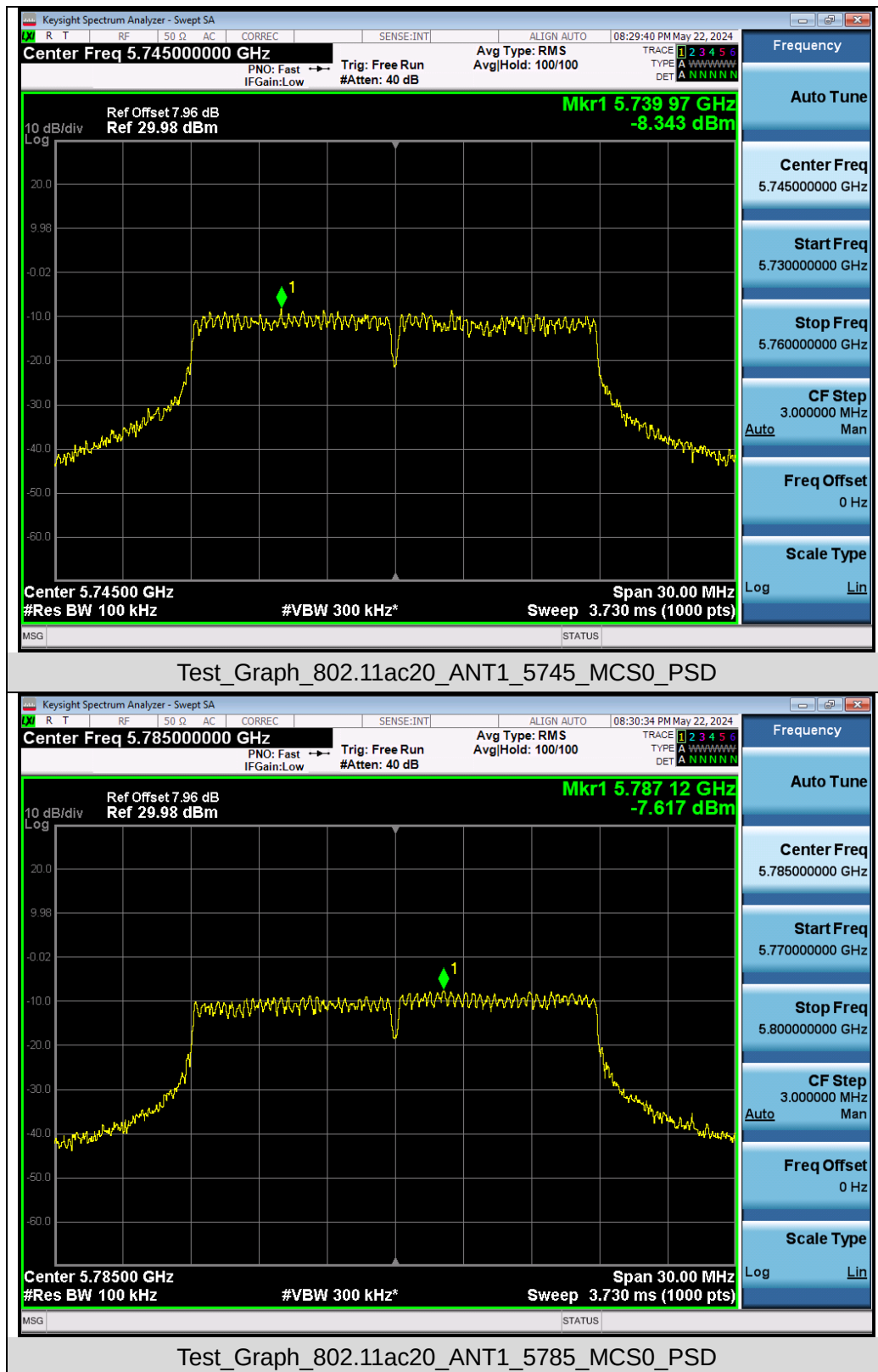
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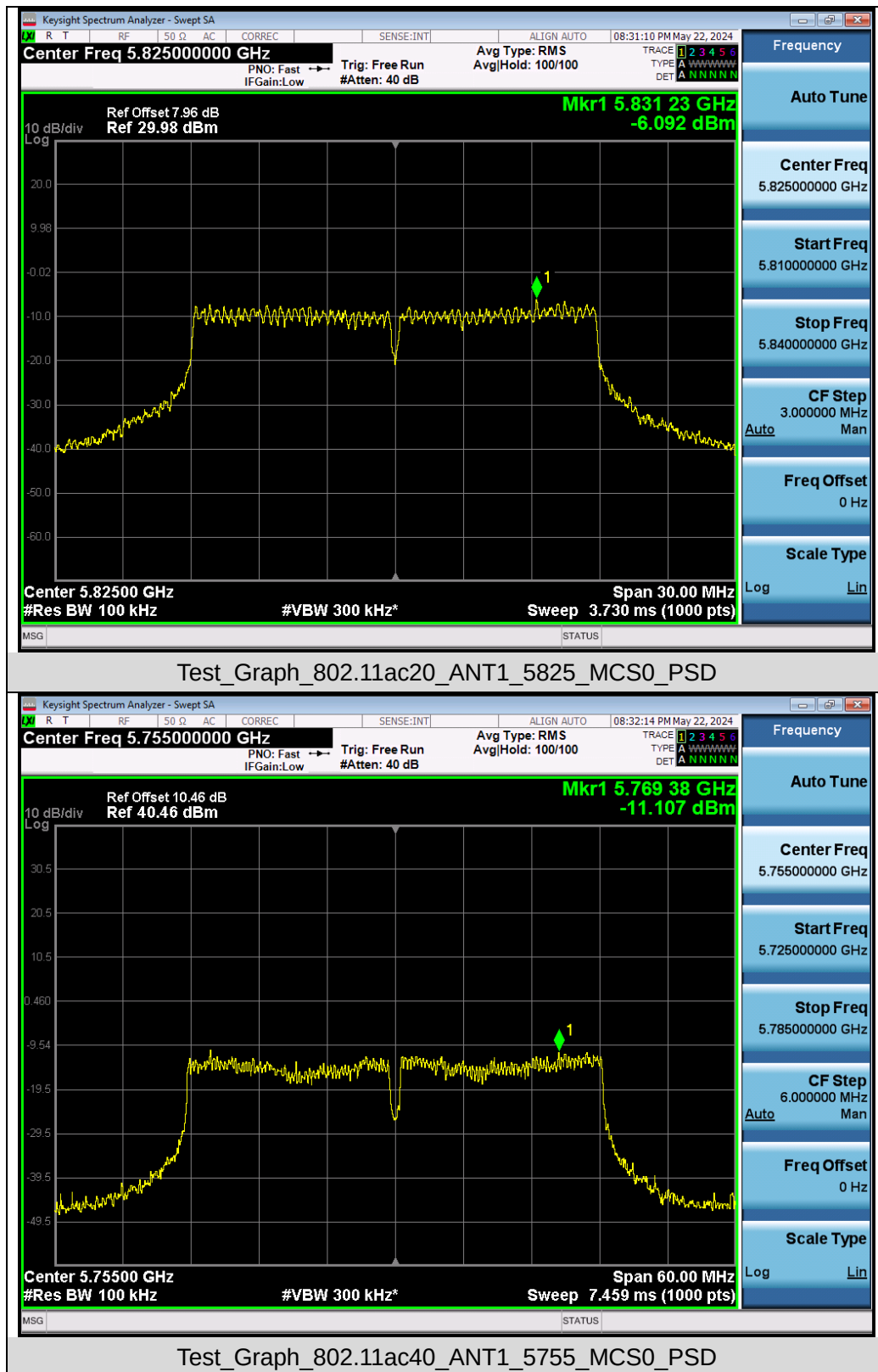
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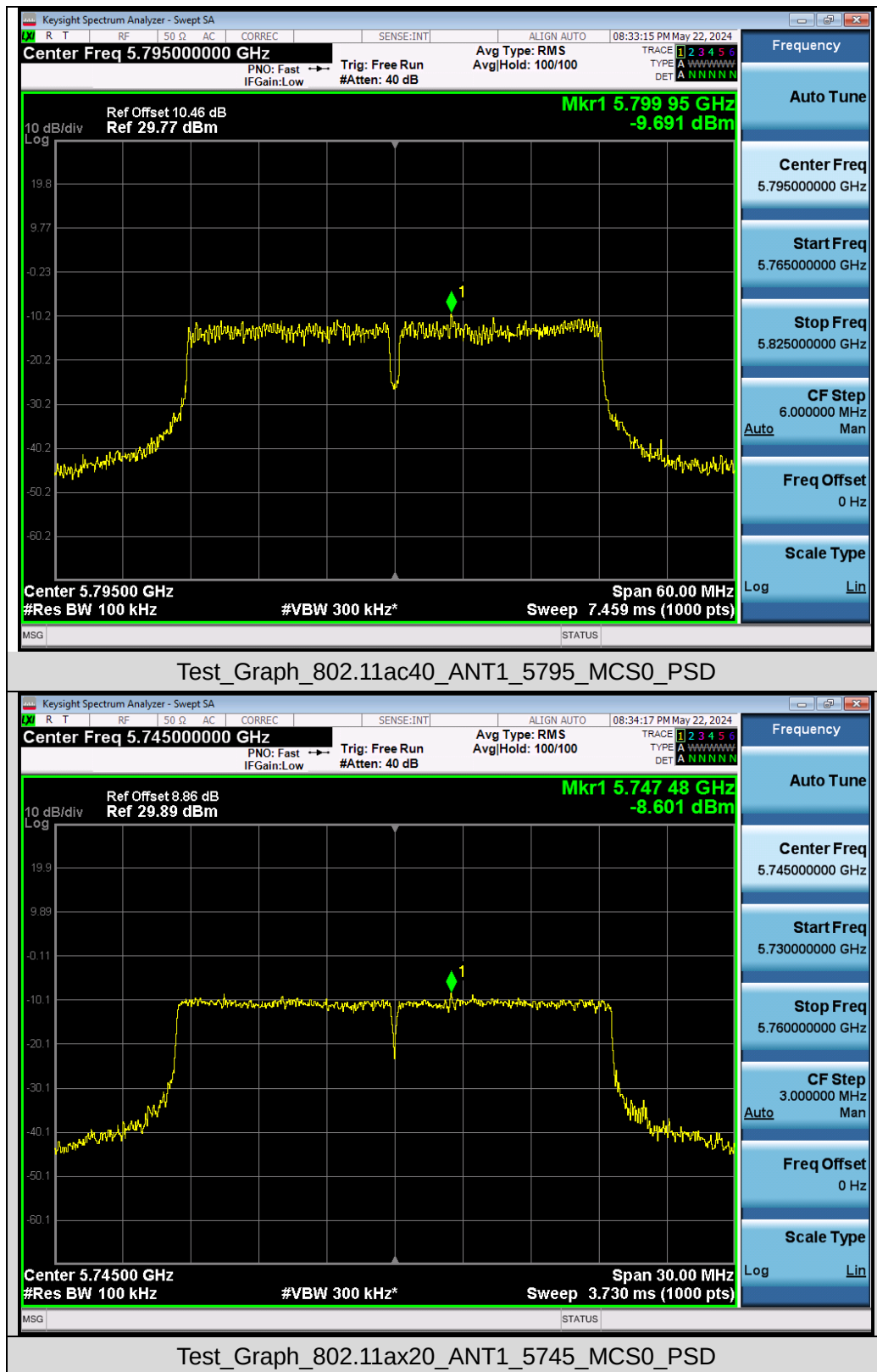
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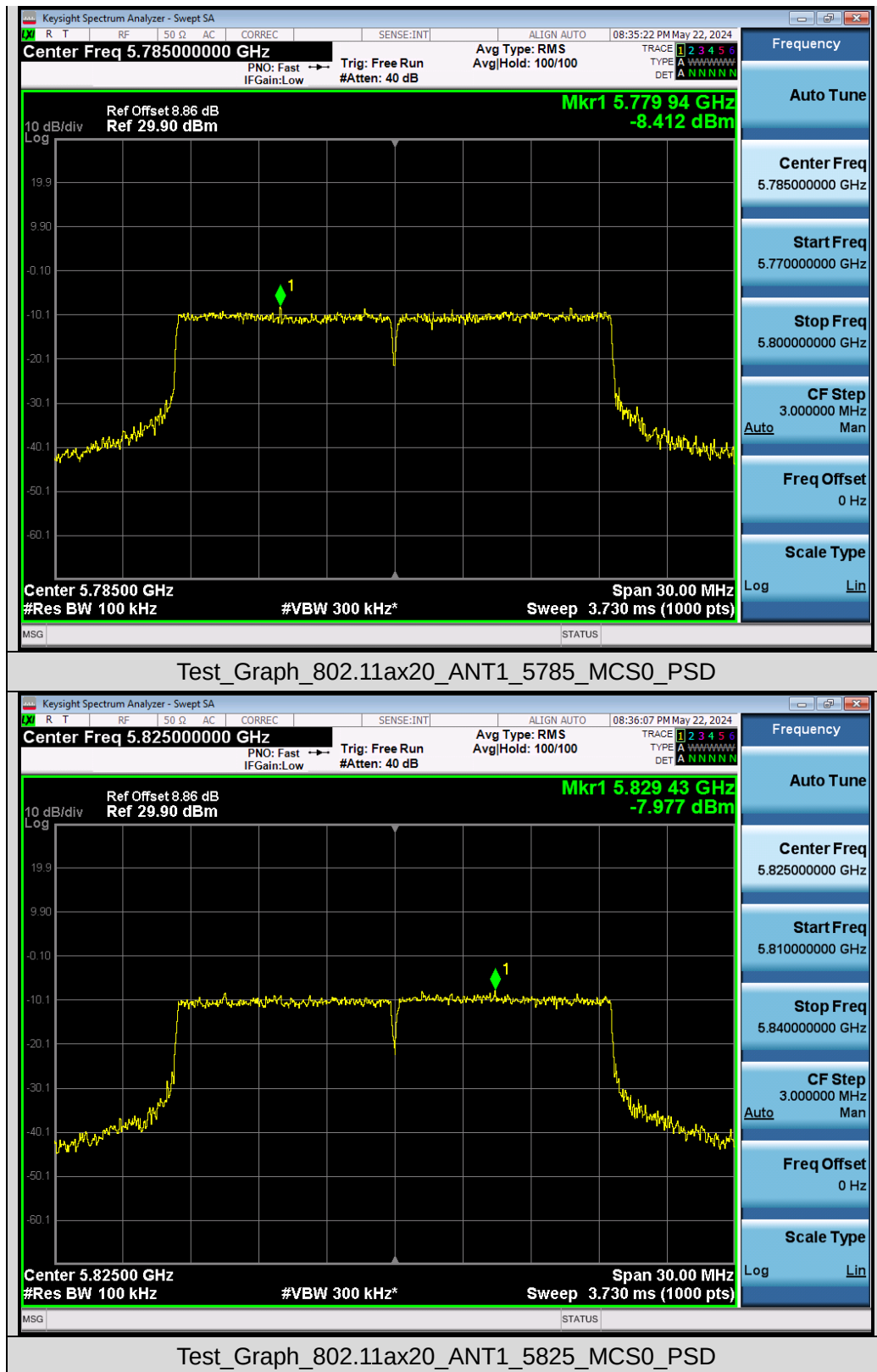


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10. Conducted Band Edge and Out-of-Band Emissions

10.1 Provisions Applicable

Restricted bands	Applicable to	Limit	
	789033 D02 General UNII Test Procedures New Rules v02r01	Field strength at 3m (dBuV/m)	
		PK: 74	AV: 54
Out of the restricted bands	Applicable to	EIRP Limit (dBm/MHz)	Equivalent field Strength at 3m (dBuV/m)
	FCC 15.407(b)(1)	PK: -27	PK: 68.2
	15.407(b)(2)		
	15.407(b)(3)		
	15.407(b)(4)	See Note 2	

Note 1: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

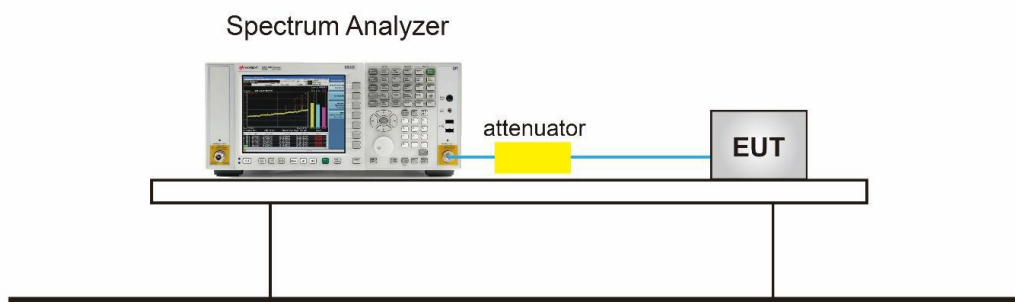
$$E = \frac{1000000}{3} \sqrt{30 P} \quad \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

Note 2: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

10.2 Measurement Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the Middle and the bottom operation frequency individually.
3. Set the Span = wide enough to capture the peak level of the in-band emission and all spurious emissions from the lowest frequency generated in the EUT up through the 10th harmonic.
4. RBW = 100 kHz; VBW= 300 kHz; Sweep = auto; Detector function = peak.(Test frequency below 1GHz)
5. RBW = 1 MHz; VBW= 3 MHz; Sweep = auto; Detector function = peak.(Test frequency Above 1GHz)
6. Set SPA Trace 1 Max hold, then View.
7. Mark the maximum useless stray point and compare it with the limit value to record the result.

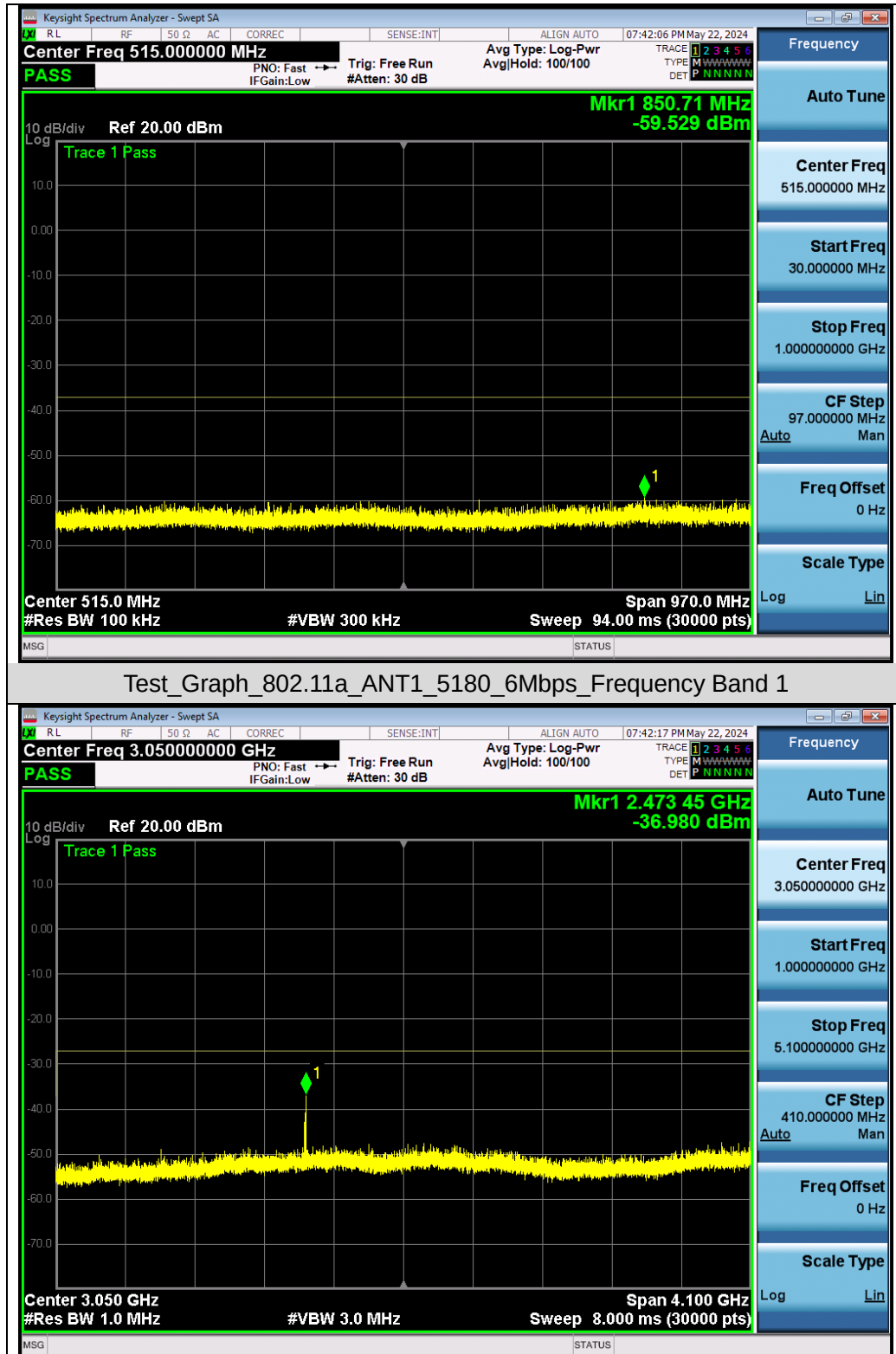
10.3 Measurement Setup (Block Diagram of Configuration)



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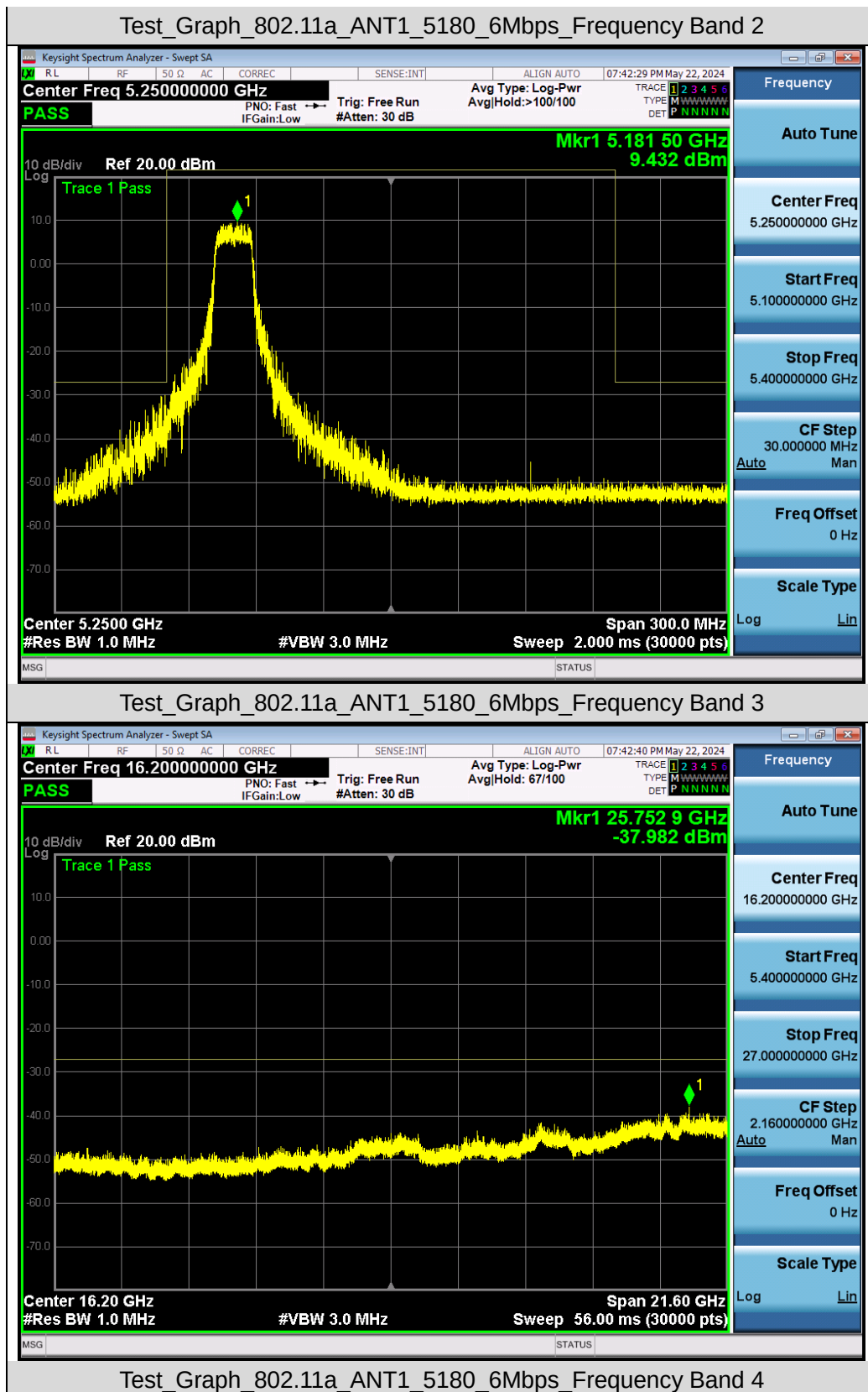
10.4 Measurement Results

Test Graphs of Spurious Emissions outside of the 5.15-5.25 GHz band for transmitters operating in the 5.15-5.25 GHz band

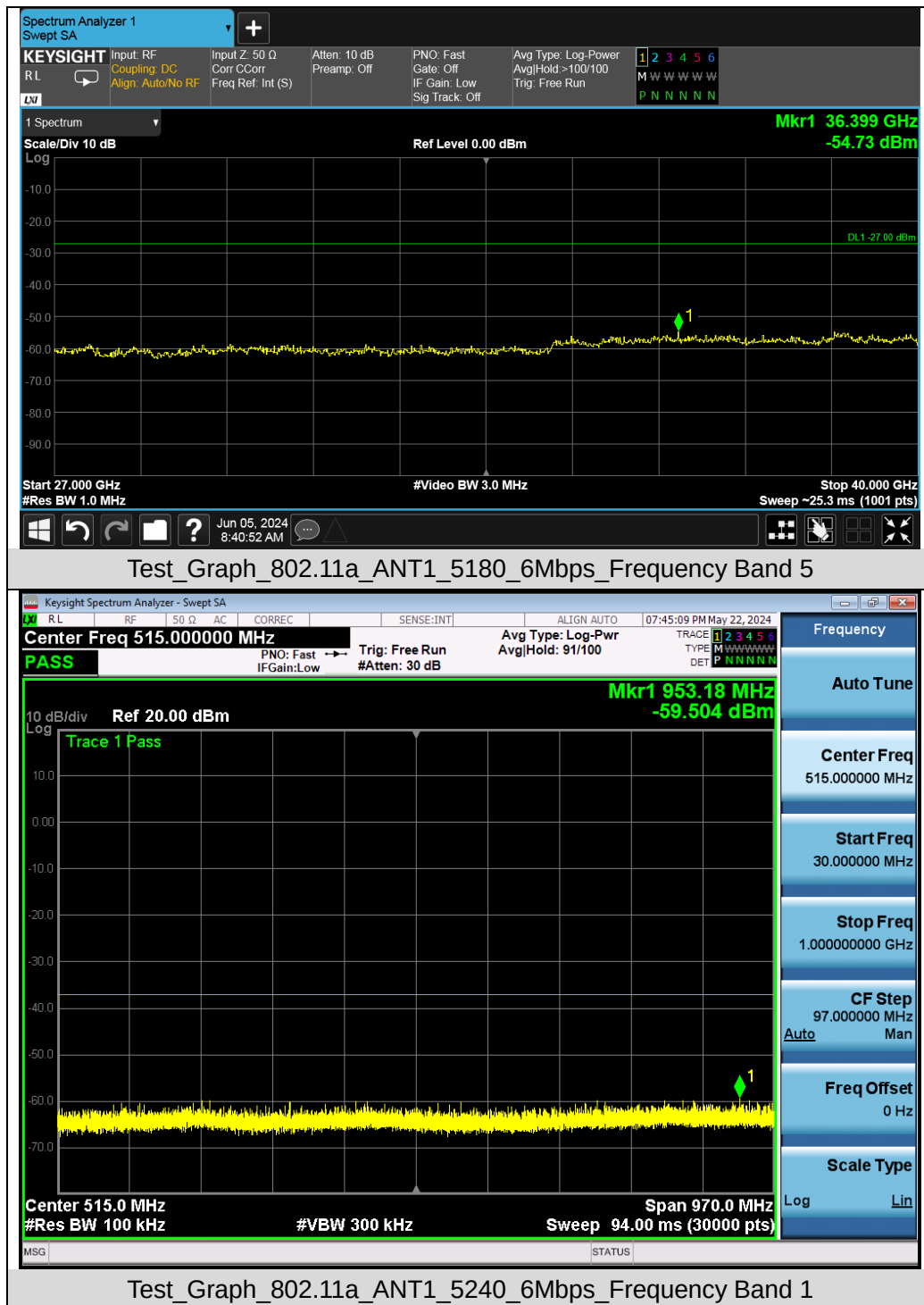


Test_Graph_802.11a_ANT1_5180_6Mbps_Frequency Band 1

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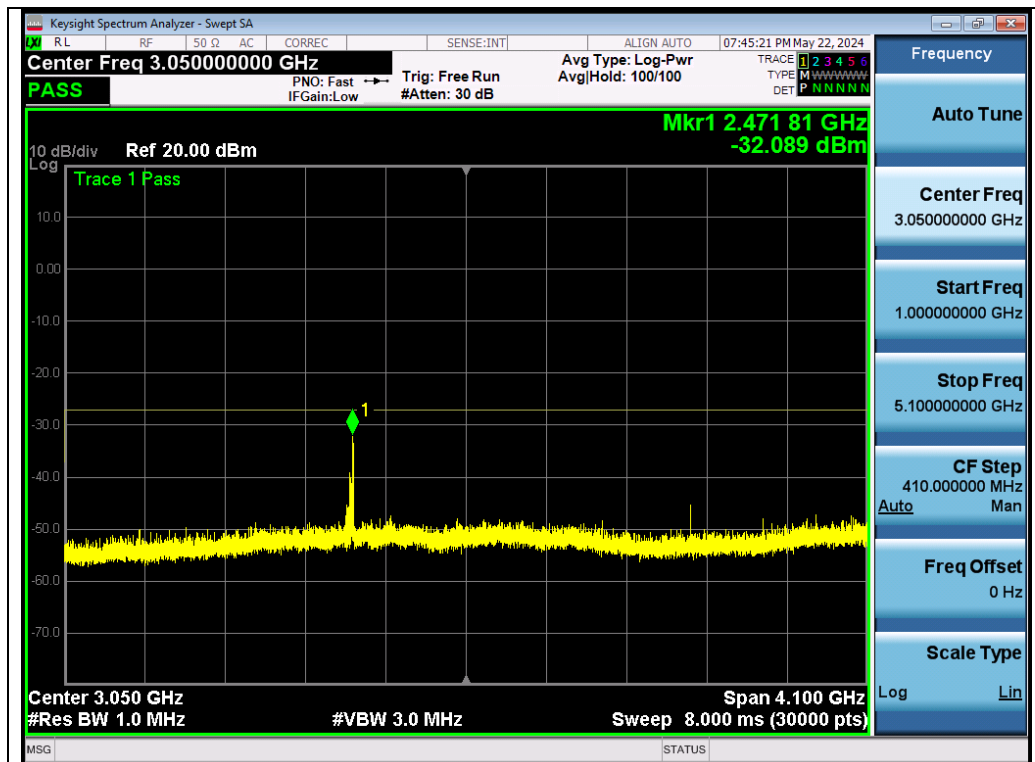


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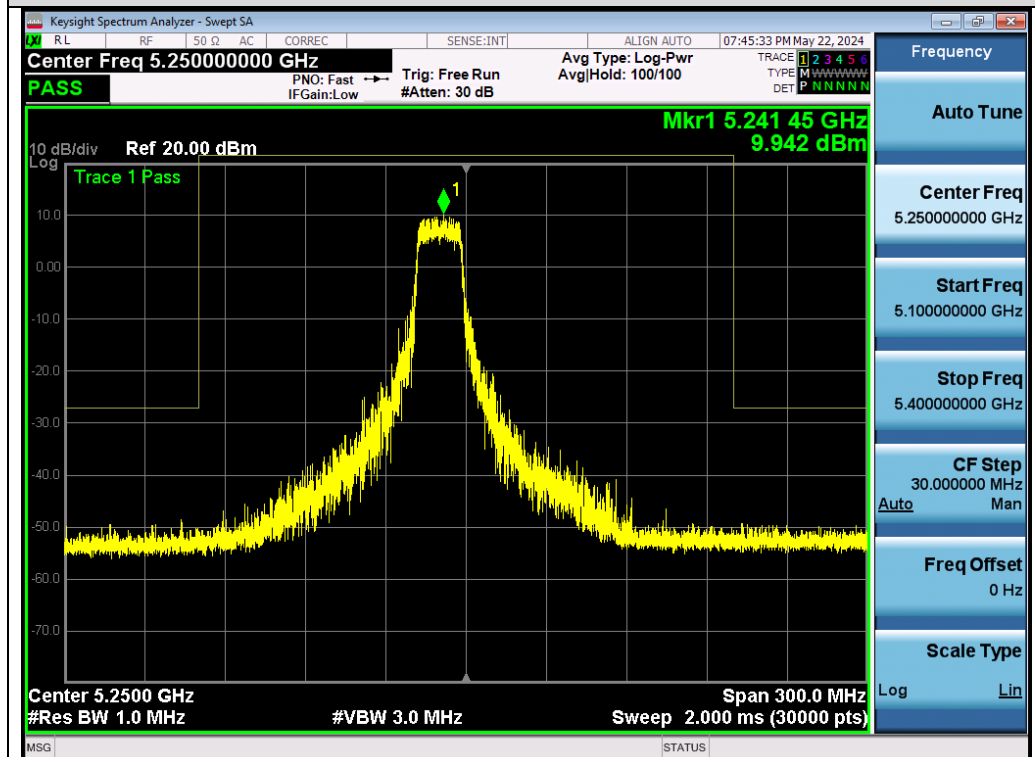


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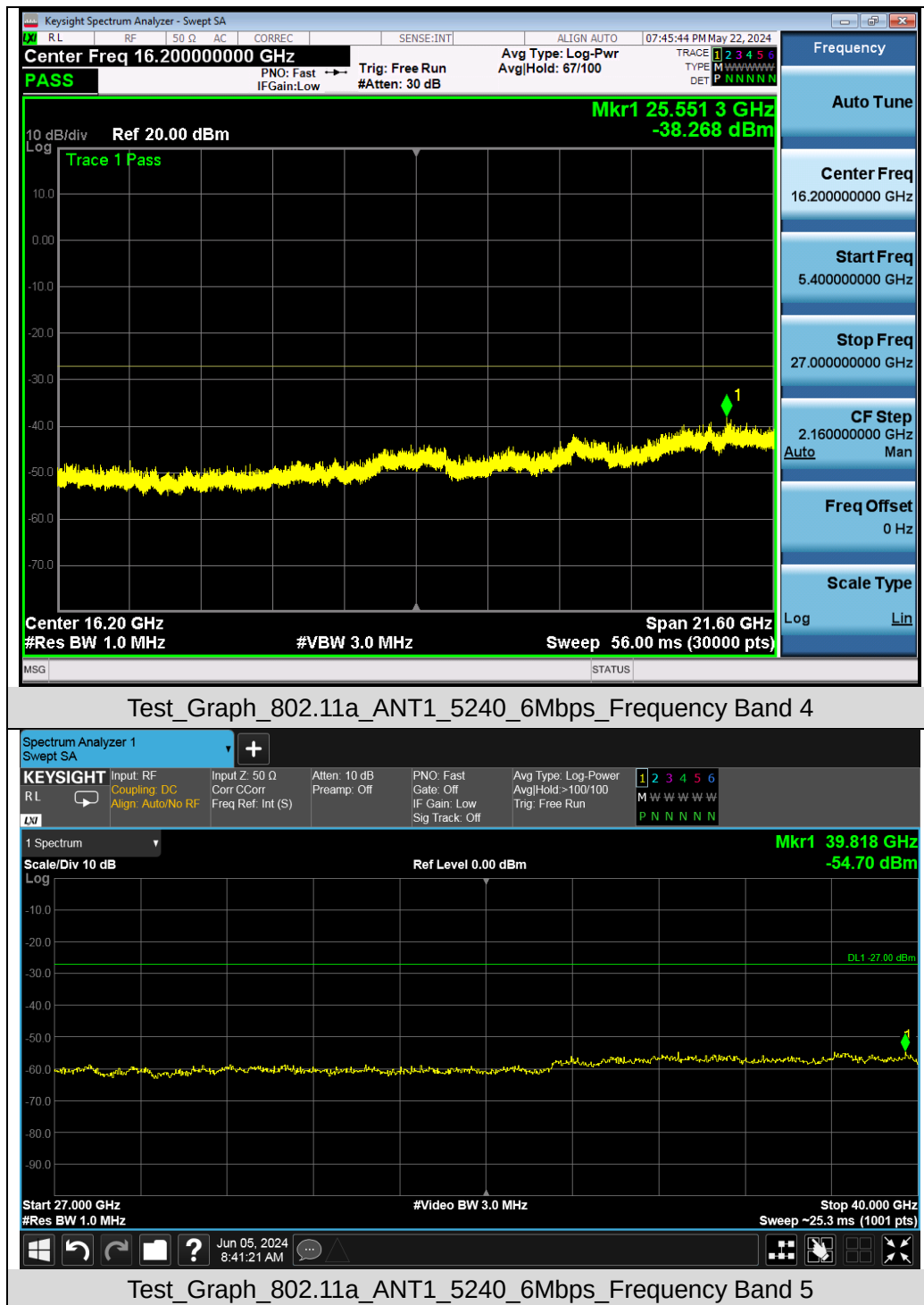
Test_Graph_802.11a_ANT1_5240_6Mbps_Frequency Band 2



Test_Graph_802.11a_ANT1_5240_6Mbps_Frequency Band 3

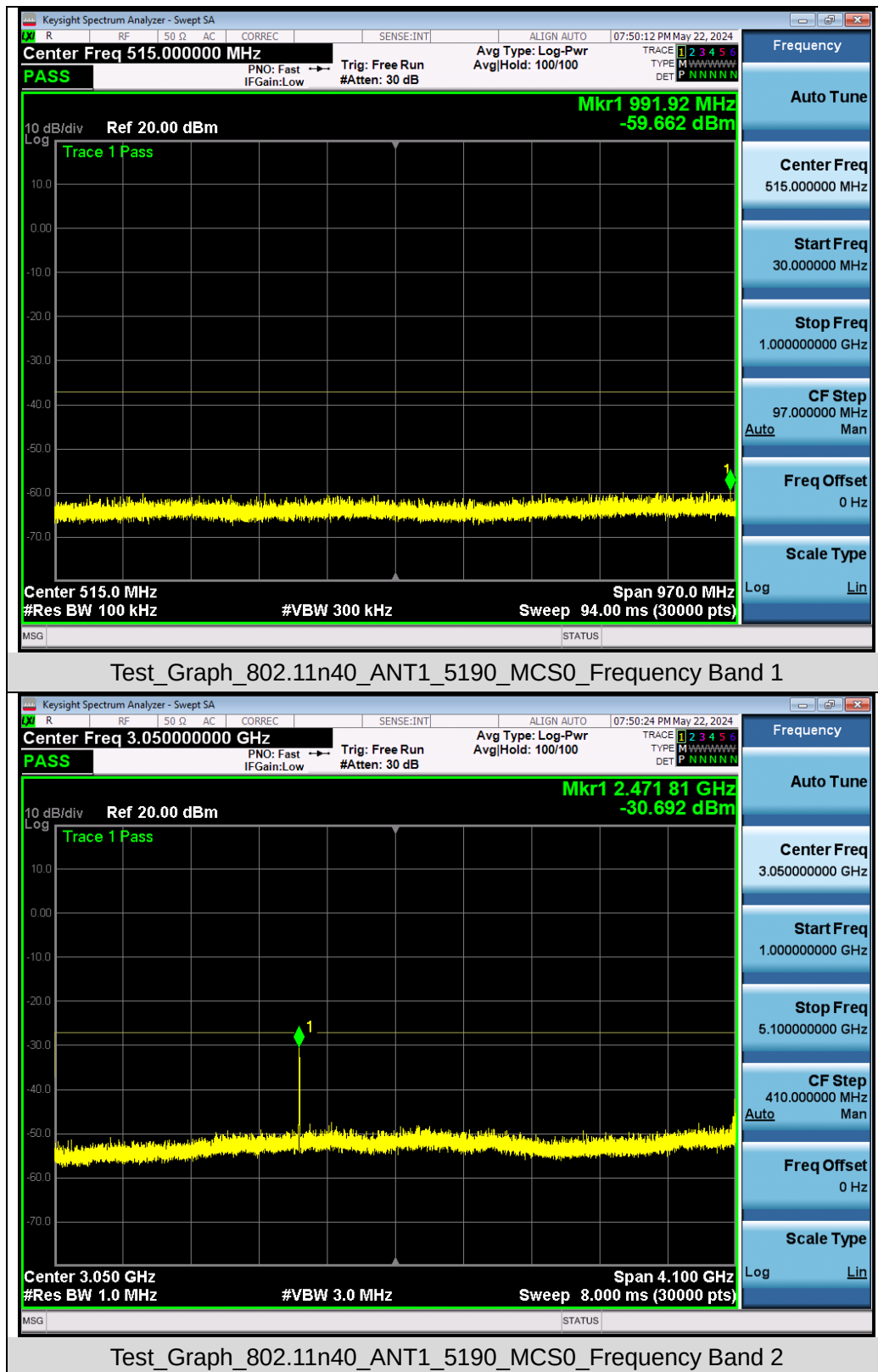
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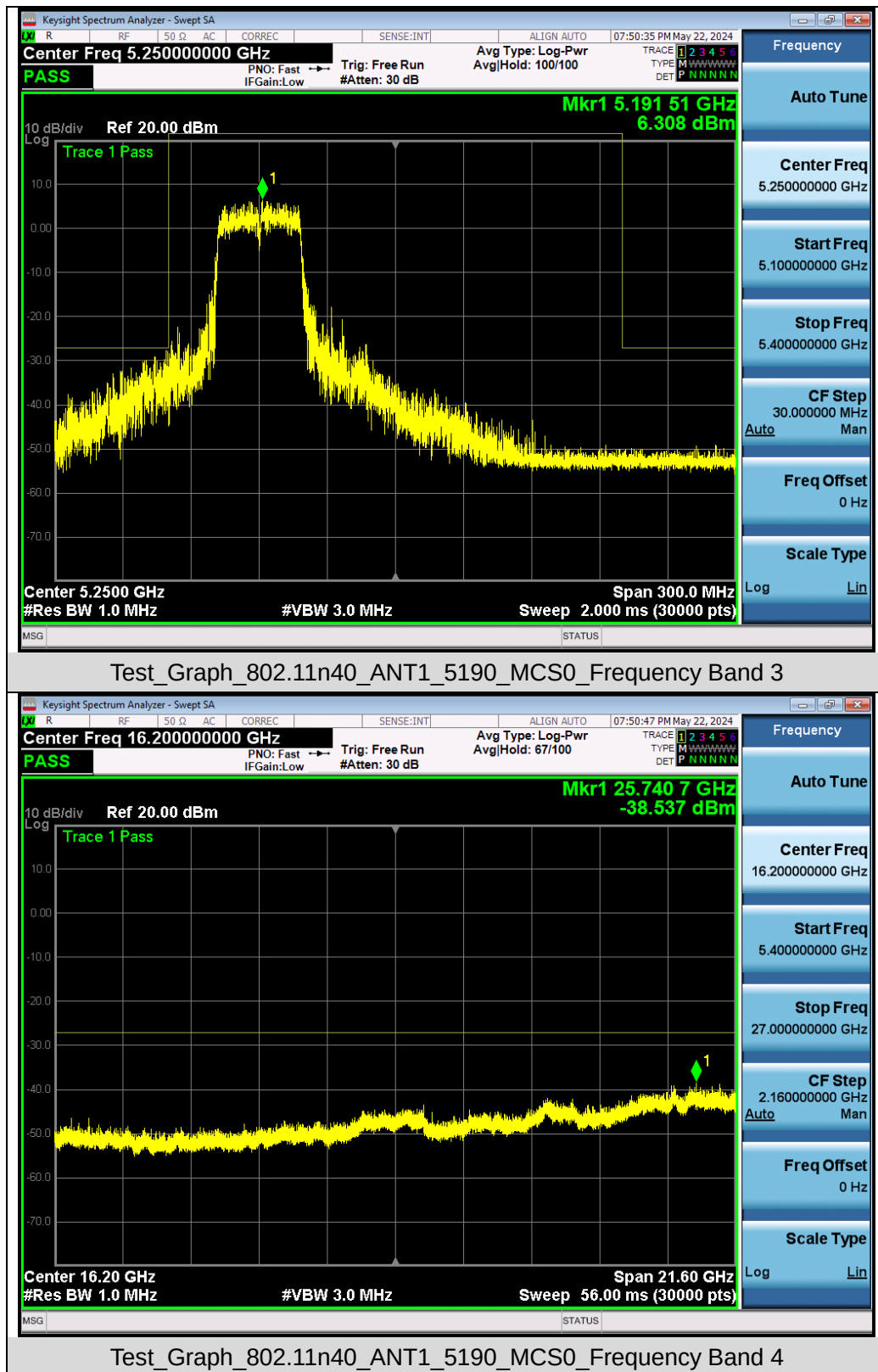


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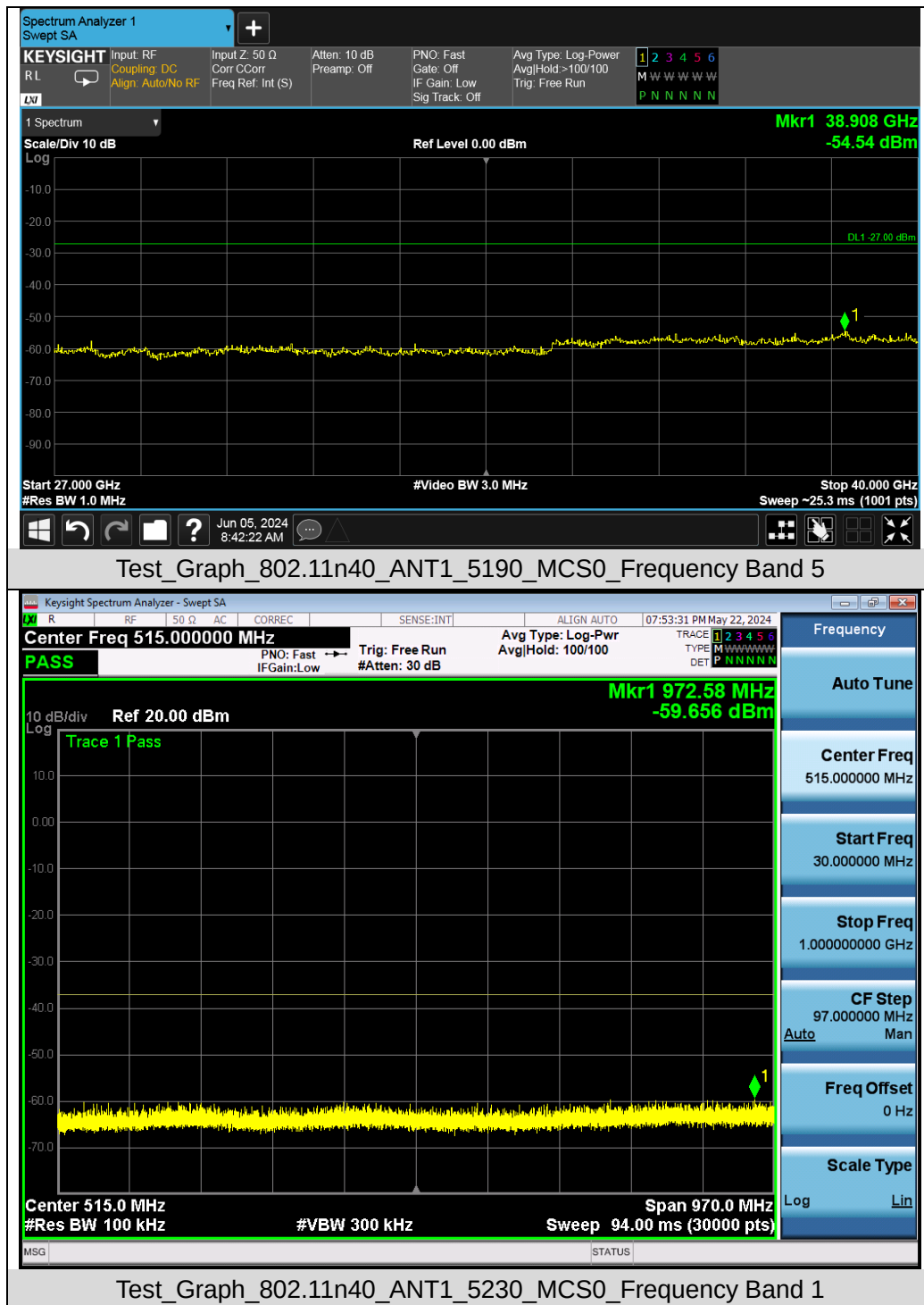


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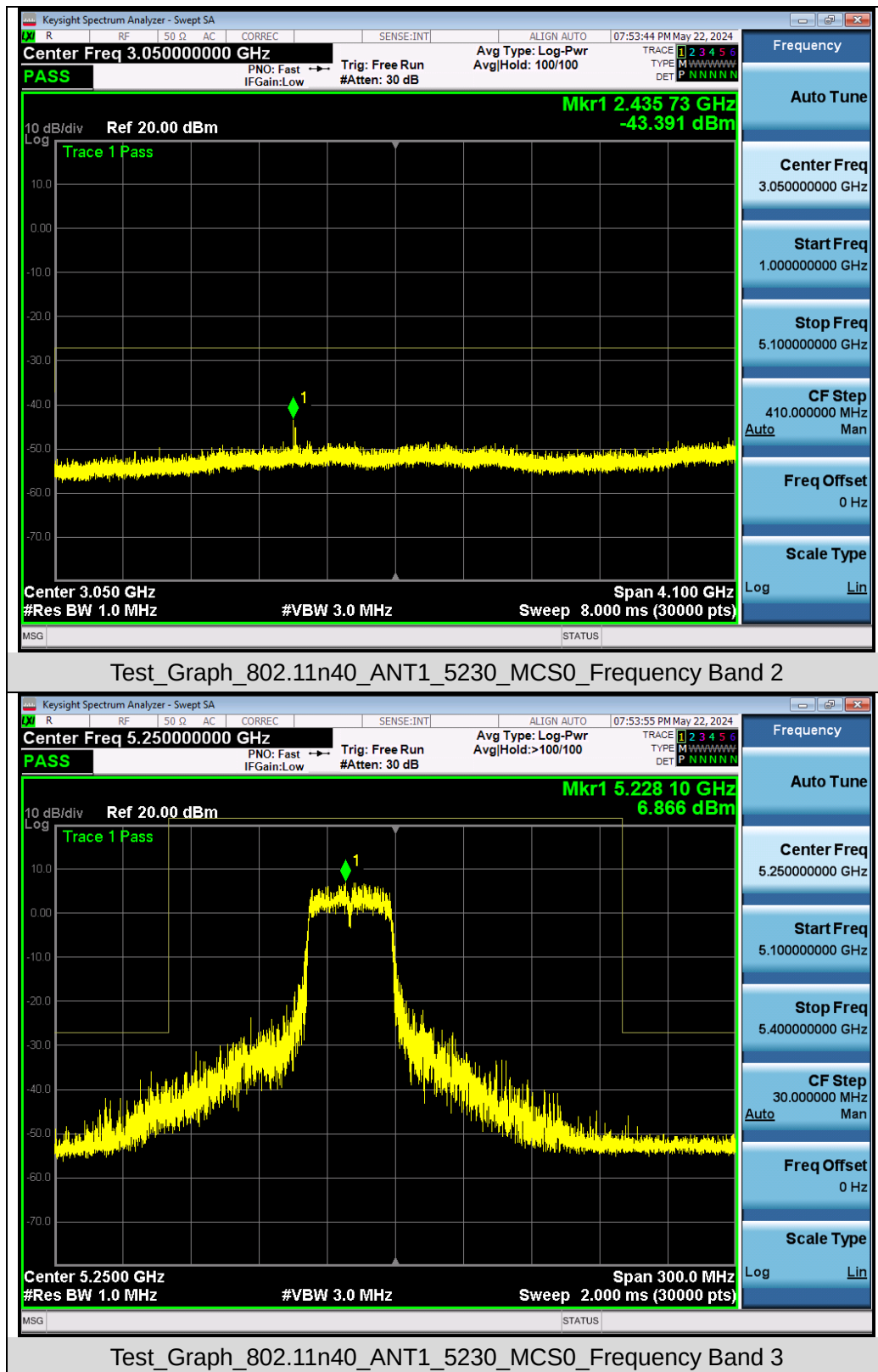


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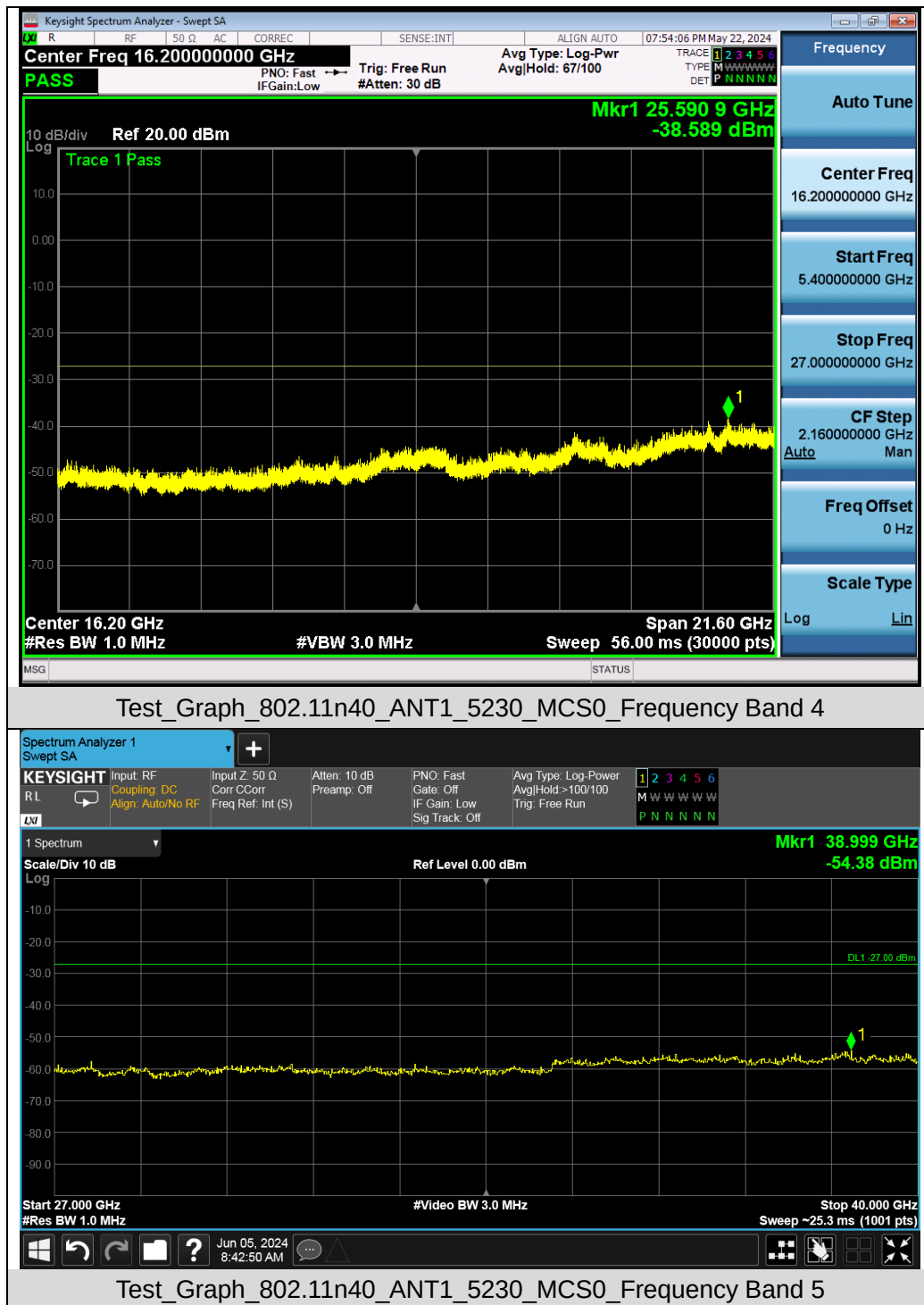
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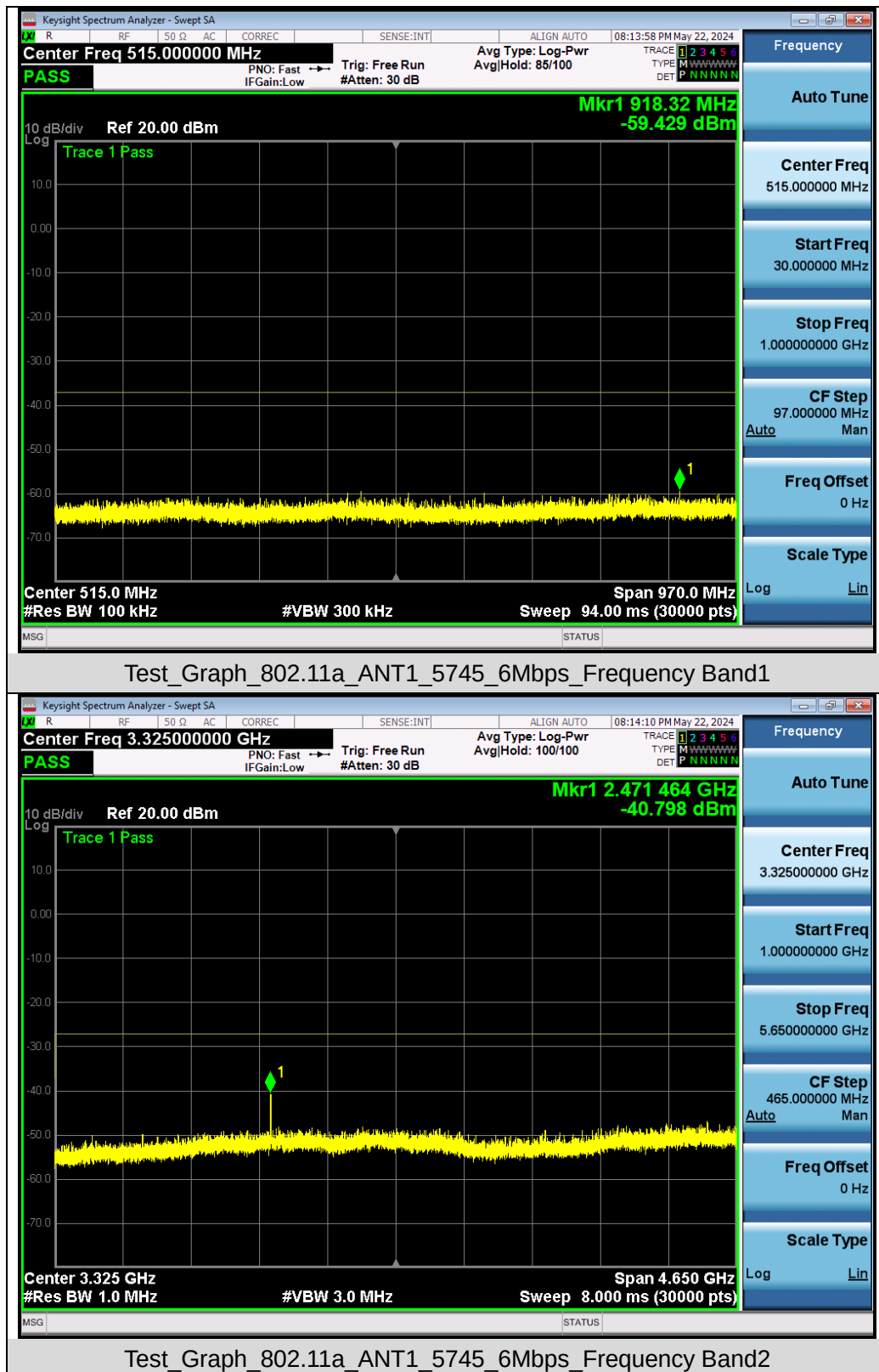


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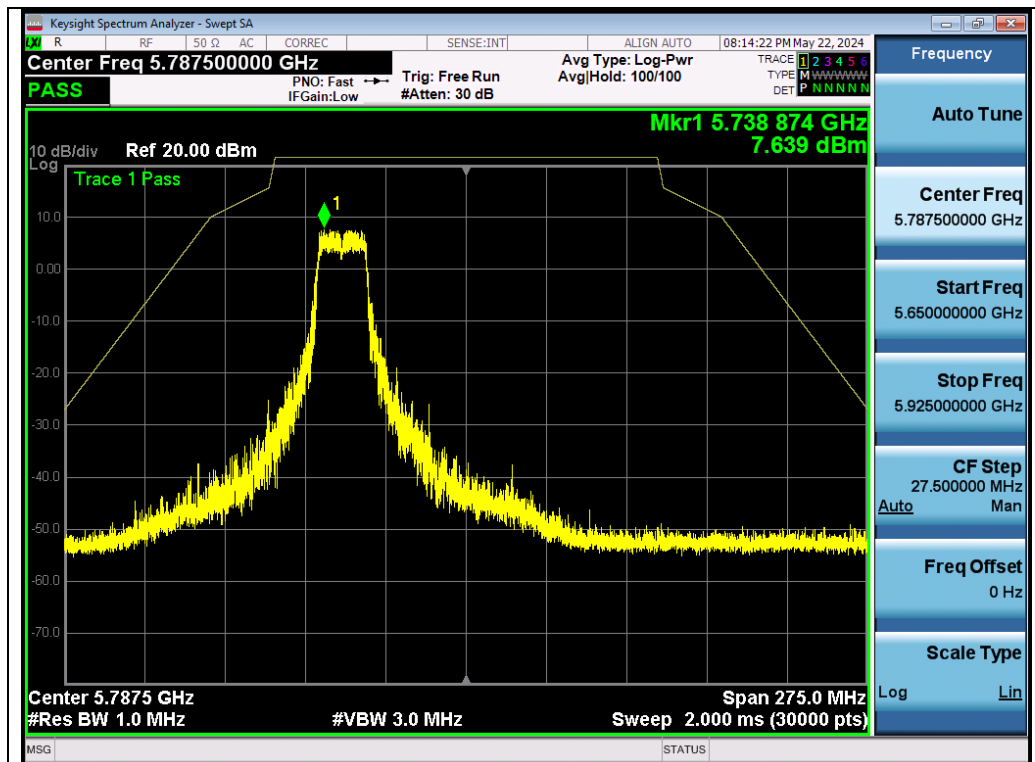


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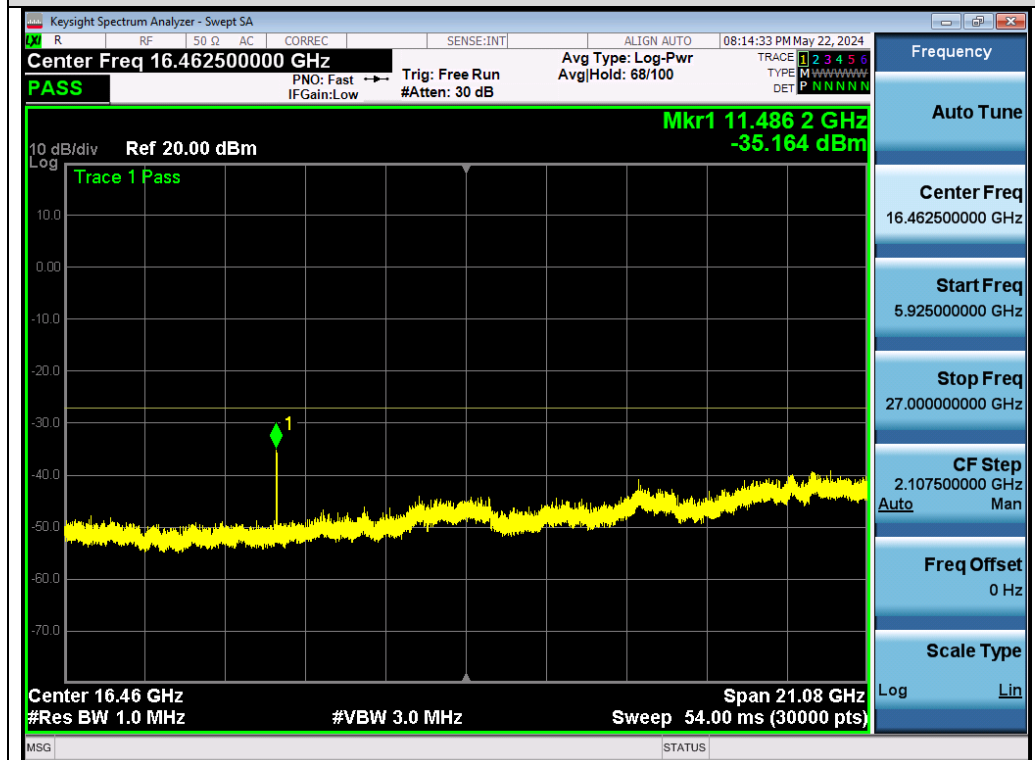
Test Graphs of Spurious Emissions outside of the 5.725-5.85 GHz band for transmitters operating in the 5.725-5.85 GHz band



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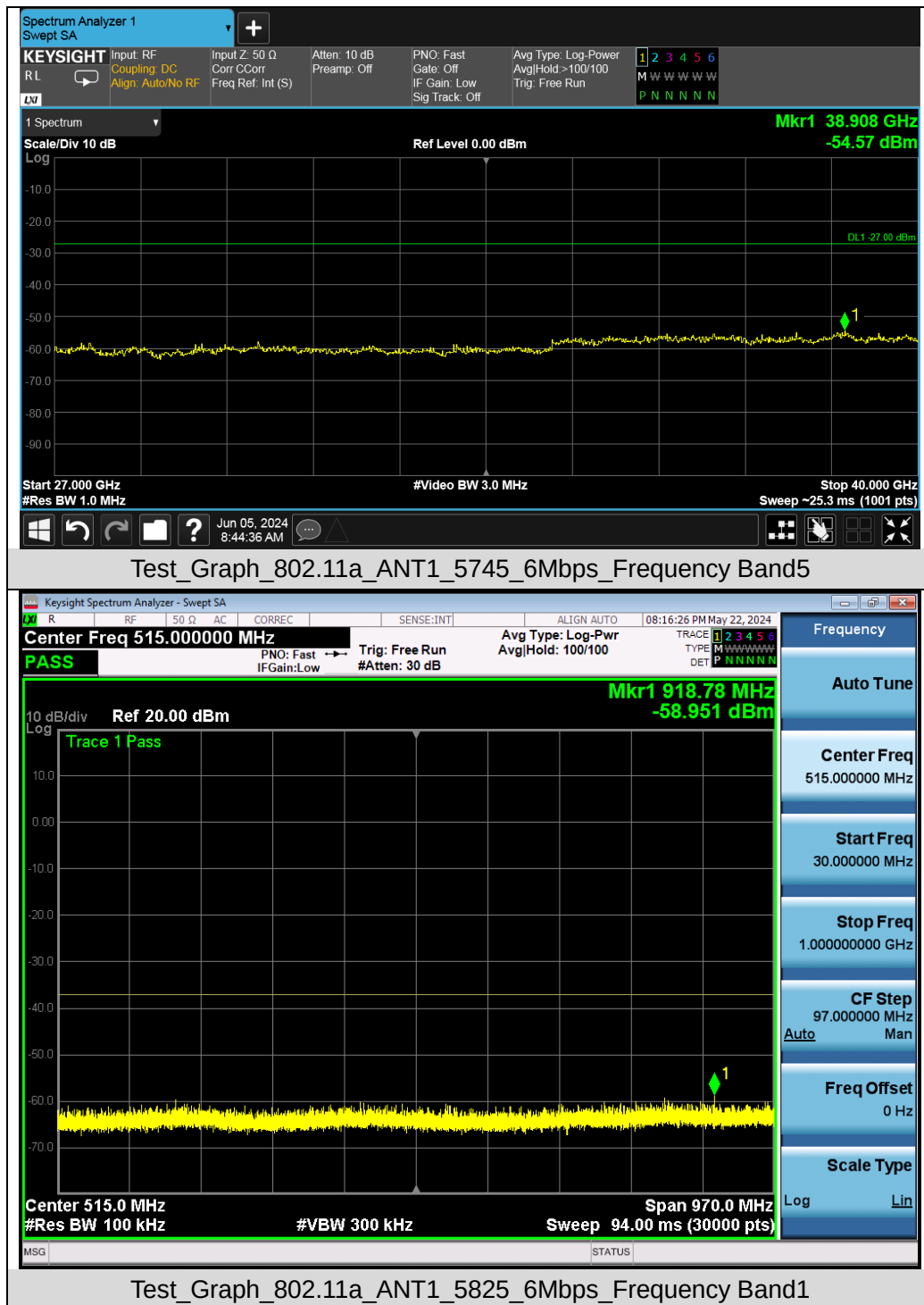


Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band3



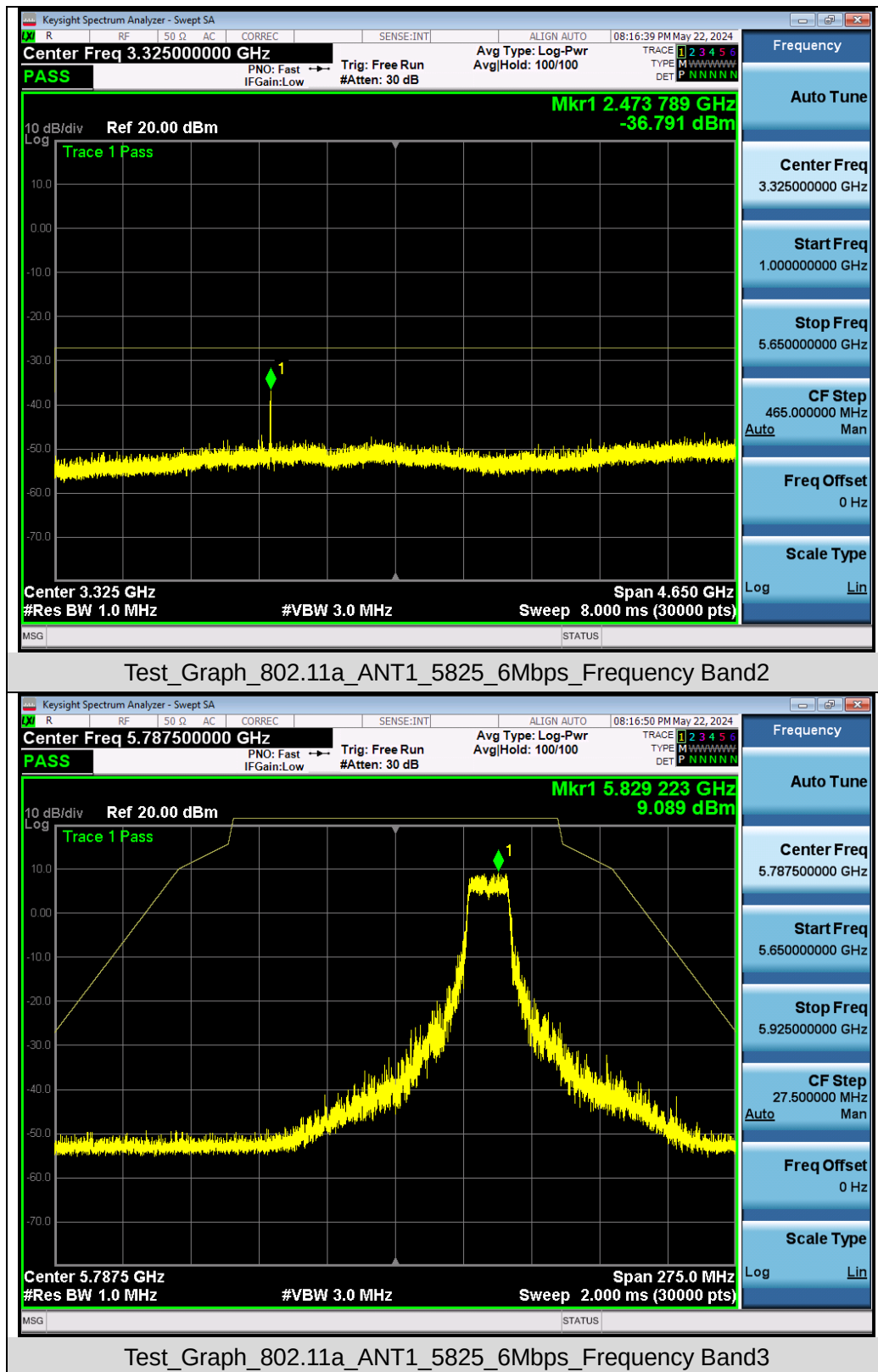
Test_Graph_802.11a_ANT1_5745_6Mbps_Frequency Band4

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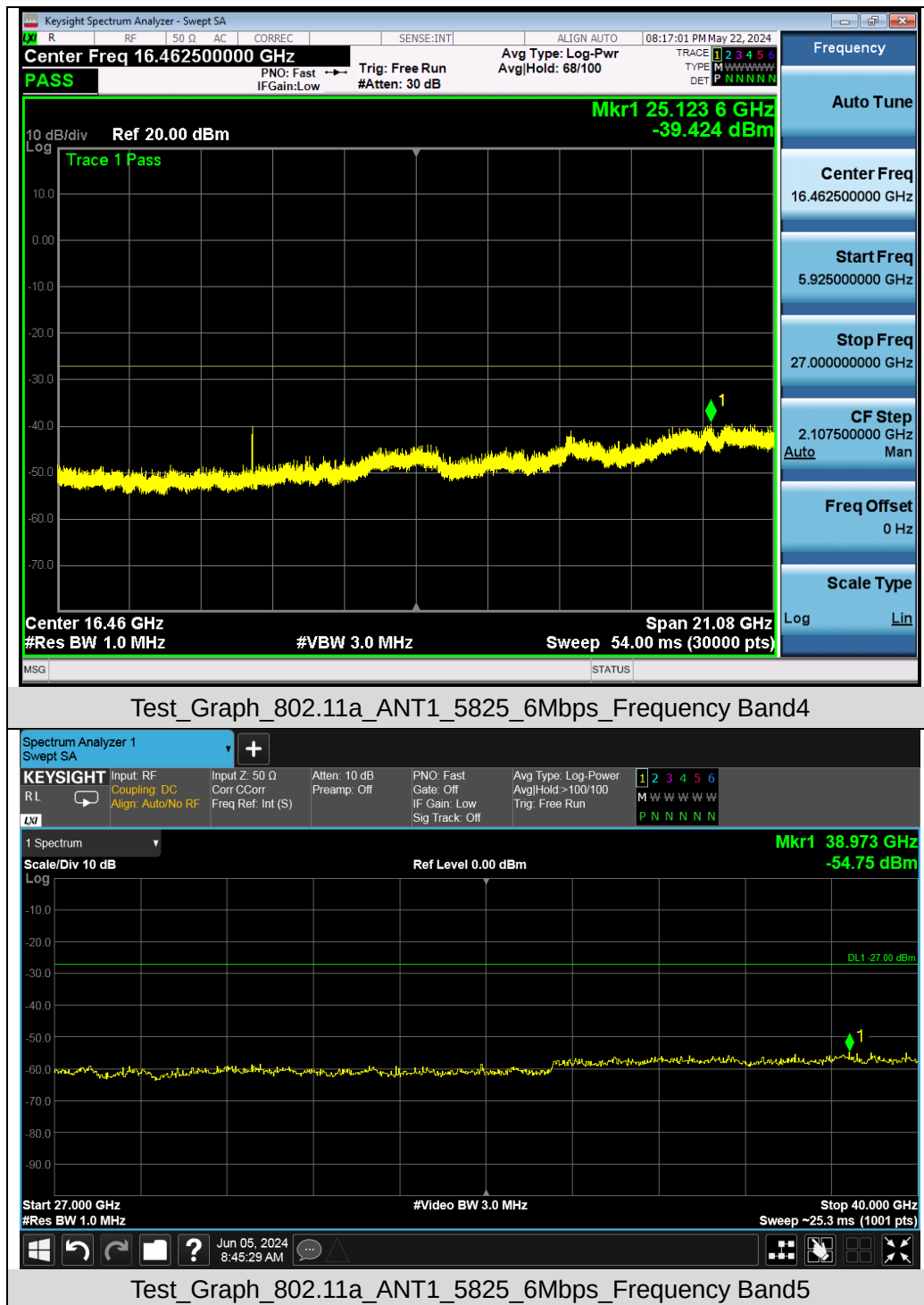


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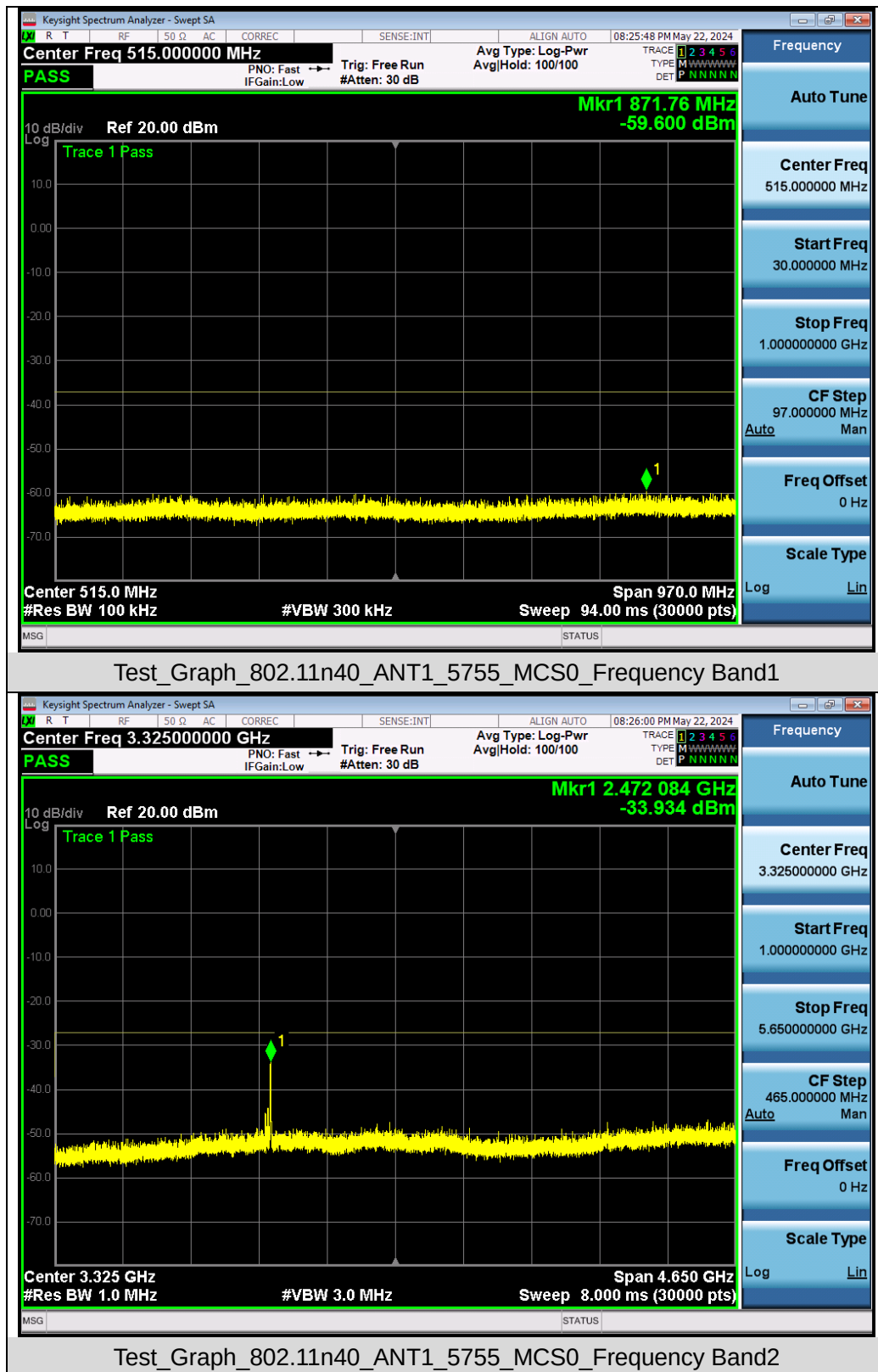
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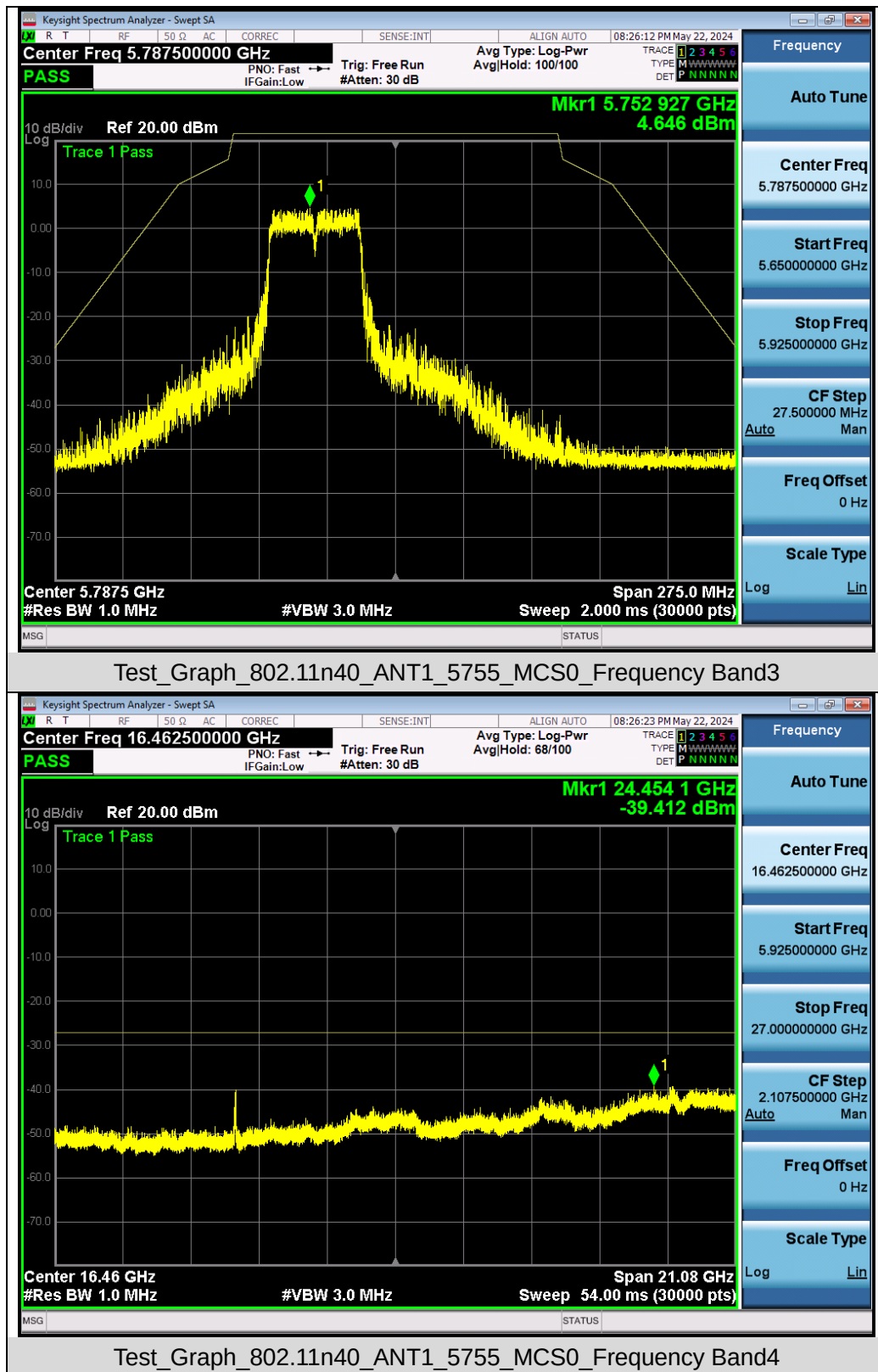
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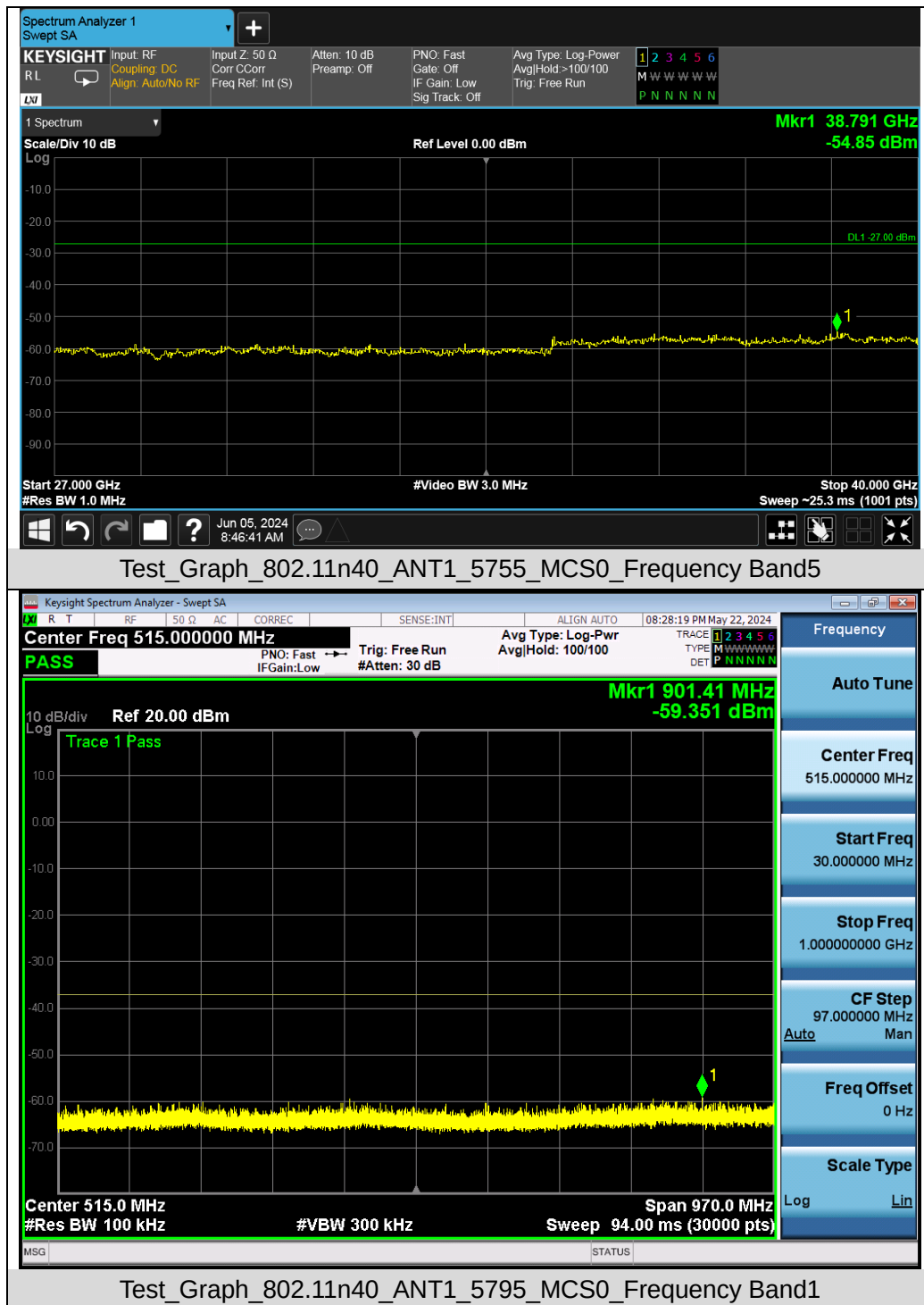
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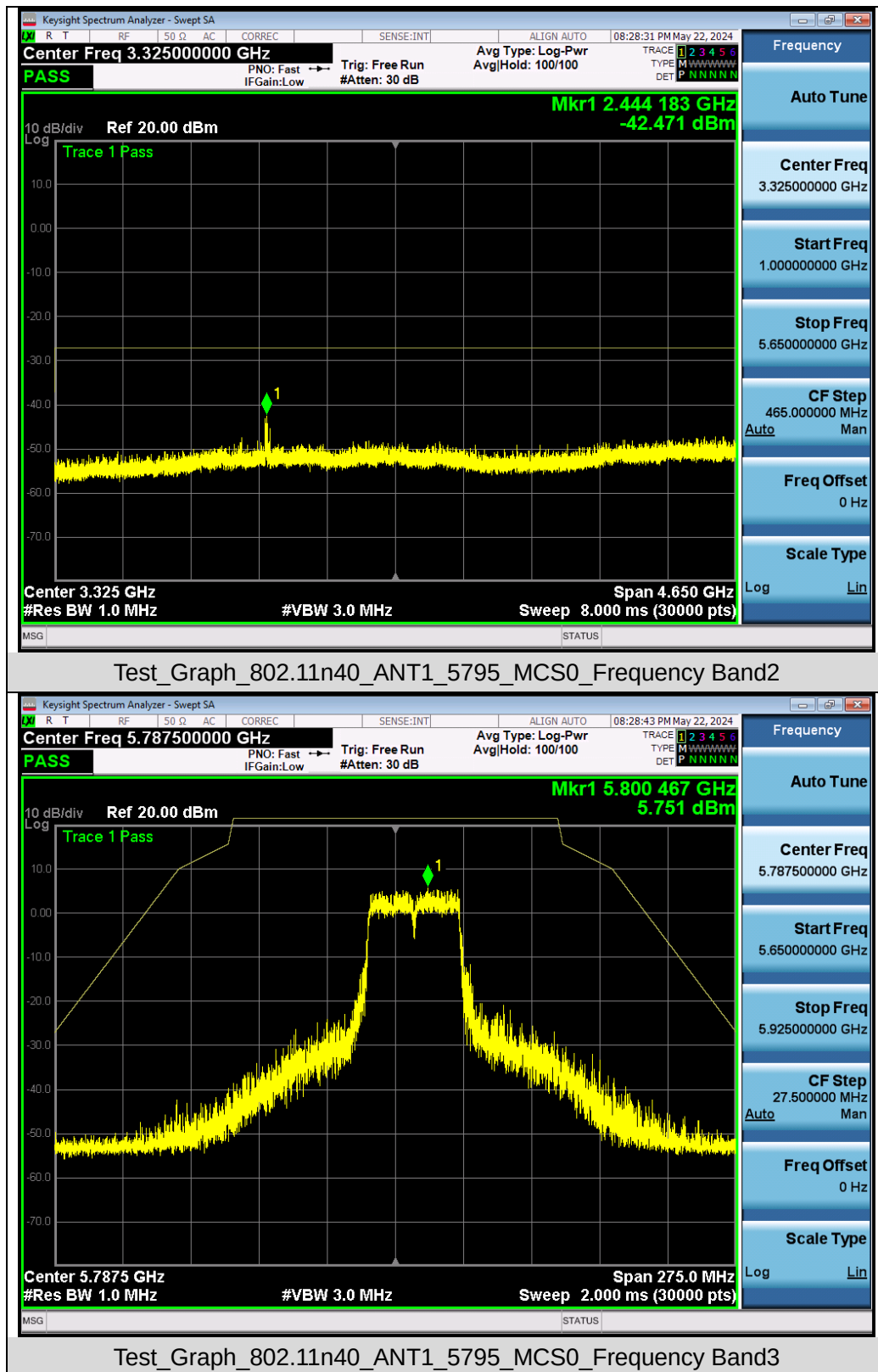
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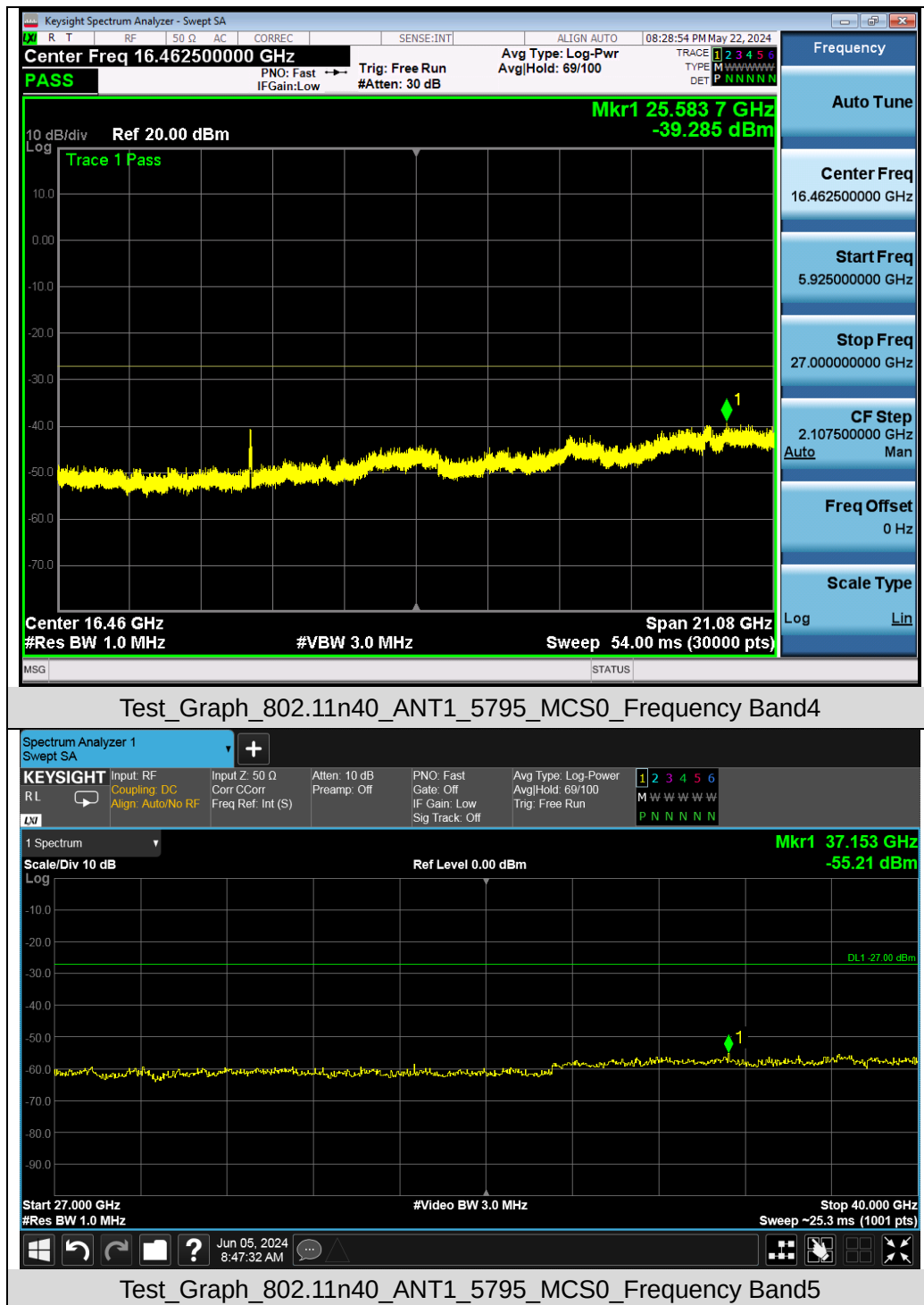


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Note: All test modes had been pre-tested, Only the data of worst case is reported as above.

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11. Radiated Spurious Emission

11.1 Measurement Limit

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

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Restricted bands	Applicable to	Limit	
	789033 D02 General UNII Test Procedures New Rules v02r01	Field strength at 3m (dBuV/m)	
		PK: 74	AV: 54
Out of the restricted bands	Applicable to	EIRP Limit (dBm/MHz)	Equivalent field Strength at 3m (dBuV/m)
	FCC 15.407(b)(1)	PK: -27	PK: 68.2
	15.407(b)(2)		
	15.407(b)(3)		
	15.407(b)(4)	See Note 2	

Note 1: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000}{3} \sqrt{30 P} \quad \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

Note 2: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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11.2 Measurement Procedure

1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

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The following table is the setting of spectrum analyzer and receiver.

Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.Section G)
Unwanted emissions measurement.

◆ **Procedure for Unwanted Emissions Measurements Below 1000MHz:**

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

◆ **Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz:**

- RBW = 1 MHz
- VBW $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

◆ **Procedures for Average Unwanted Emissions Measurements Above 1000MHz:**

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

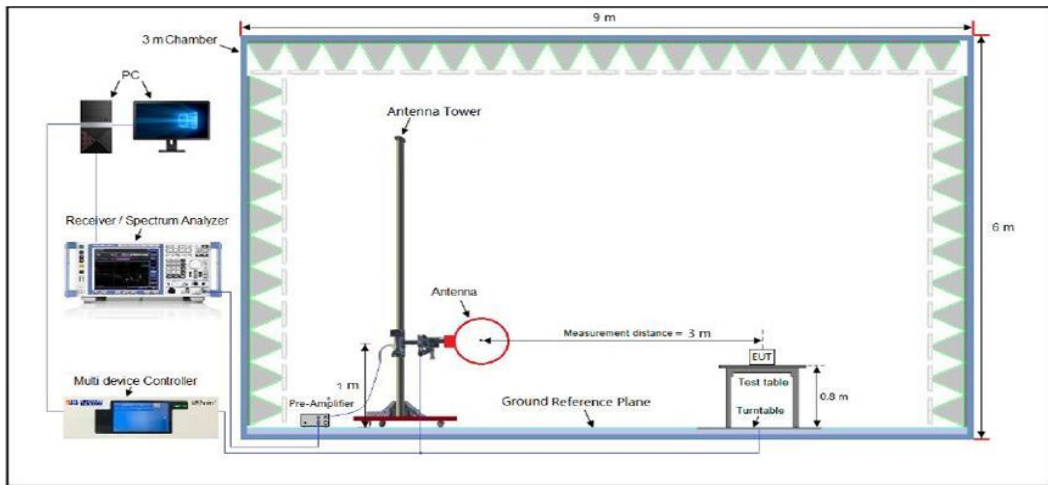
◆ **Procedures for Average Unwanted Emissions Measurements Above 1000MHz:**

- RBW = 1 MHz
- VBW = 3 MHz • Detector = power averaging (rms), set span/(# of points in sweep) $\geq$ RBW/2.
- Averaging type = power averaging (RMS)
- The correction factor shall be offset is 10 log (1/x), where x is the duty cycle.

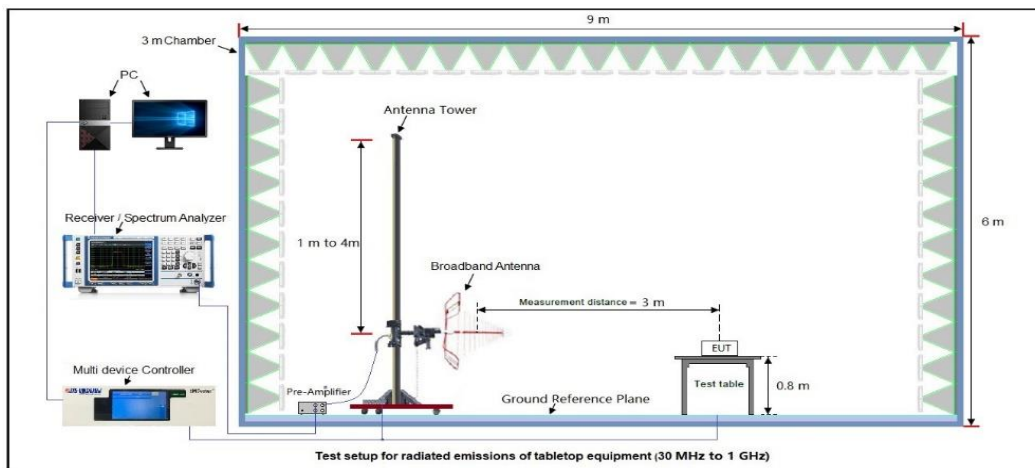
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

11.3 Measurement Setup (Block Diagram of Configuration)

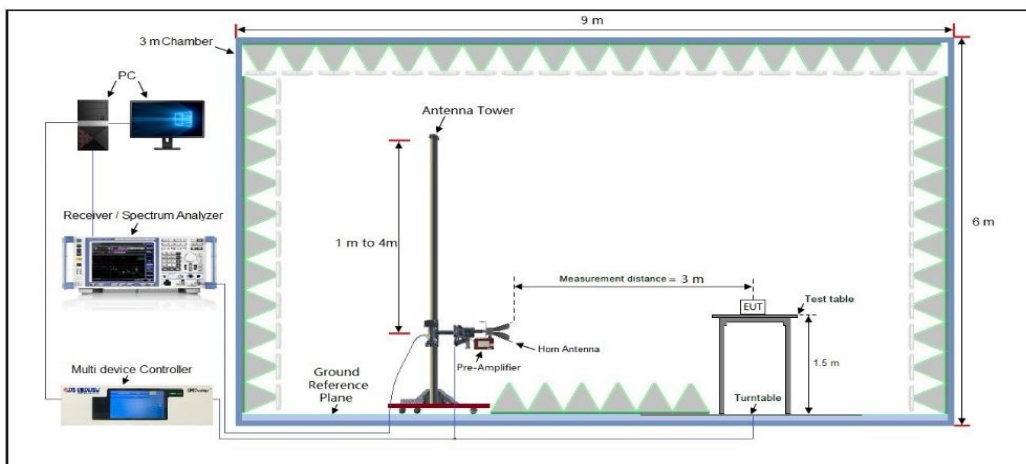
Radiated Emission Test Setup 9kHz-30MHz



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



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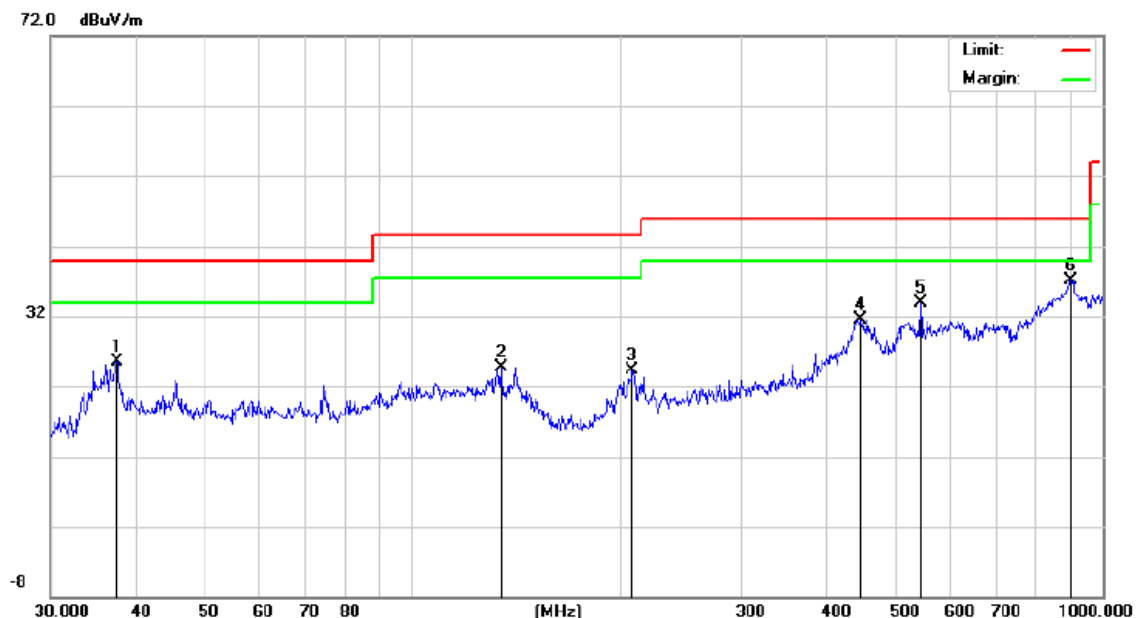
11.4 Measurement Result

Radiated Emission Below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

Radiated Emission Test Results at 30MHz-1GHz

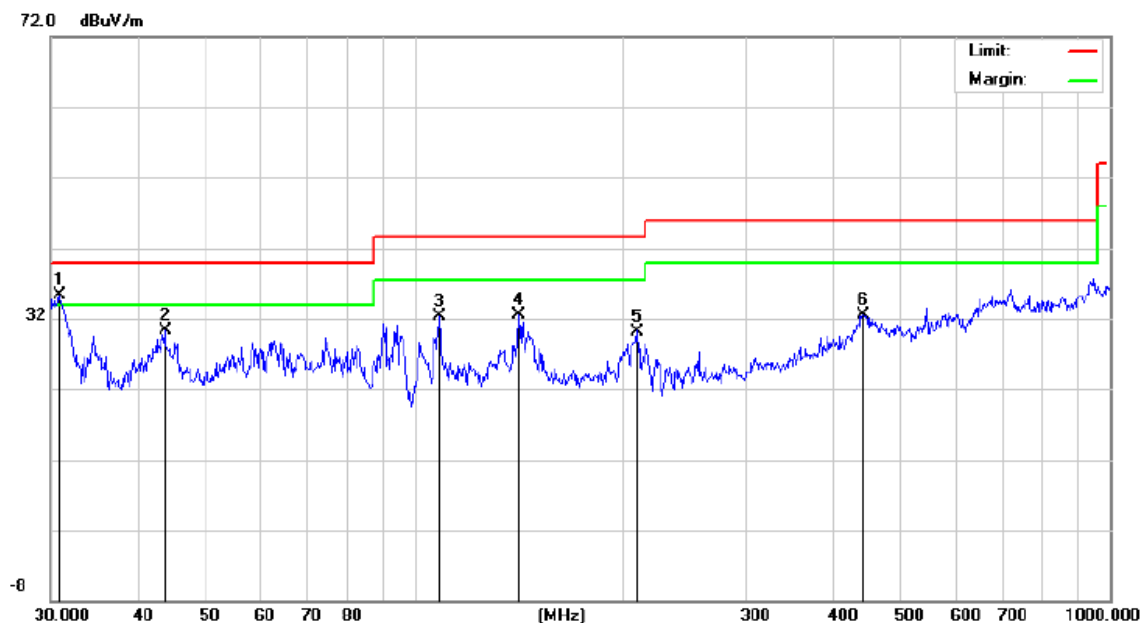
EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5180MHz	Antenna	Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		37.4165	12.71	12.79	25.50	40.00	-14.50	peak
2		134.5592	9.14	15.53	24.67	43.50	-18.83	peak
3		208.5803	9.85	14.46	24.31	43.50	-19.19	peak
4		446.4141	8.65	24.88	31.53	46.00	-14.47	peak
5		545.1826	9.90	23.98	33.88	46.00	-12.12	peak
6	*	900.1474	5.42	31.78	37.20	46.00	-8.80	peak

Result: Pass has been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3℃	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5180MHz	Antenna	Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	30.8535	21.38	13.88	35.26	40.00	-4.74	peak
2		43.8119	13.31	16.94	30.25	40.00	-9.75	peak
3		108.6470	16.59	15.71	32.30	43.50	-11.20	peak
4		141.3298	14.32	18.20	32.52	43.50	-10.98	peak
5		209.3129	13.00	17.20	30.20	43.50	-13.30	peak
6		441.7426	6.40	26.02	32.42	46.00	-13.58	peak

Result: Pass

Note:

- Factor=Antenna Factor + Cable loss, Over=Measurement-Limit.
- All test modes had been pre-tested, Refer to Chapter 5 of the report for details.

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5180MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10360.042	46.74	9.14	55.88	68.20	-12.32	peak
15540.063	41.45	10.22	51.67	74.00	-22.33	peak
15540.063	33.62	10.22	43.84	54.00	-10.16	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10360.042	45.71	9.14	54.85	68.20	-13.35	peak
15540.063	42.49	10.22	52.71	74.00	-21.29	peak
15540.063	32.54	10.22	42.76	54.00	-11.24	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3℃	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5200MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10400.042	47.49	9.14	56.63	68.20	-11.57	peak
15600.063	42.55	10.22	52.77	74.00	-21.23	peak
15600.063	31.78	10.22	42.00	54.00	-12.00	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10400.042	46.63	9.14	55.77	68.20	-12.43	peak
15600.063	41.42	10.22	51.64	74.00	-22.36	peak
15600.063	32.47	10.22	42.69	54.00	-11.31	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3℃	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5240MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10480.042	47.00	9.14	56.14	68.20	-12.06	peak
15720.063	36.62	10.22	46.84	74.00	-27.16	peak
15720.063	40.89	10.22	51.11	54.00	-2.89	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10480.042	46.46	9.14	55.60	68.20	-12.60	peak
15720.063	36.18	10.22	46.40	74.00	-27.60	peak
15720.063	40.60	10.22	50.82	54.00	-3.18	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5745MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11490.042	46.41	9.14	55.55	68.20	-12.65	peak
11490.042	36.77	10.22	46.99	74.00	-27.01	AVG
17235.063	40.91	10.22	51.13	54.00	-2.87	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11490.042	46.89	9.14	56.03	68.20	-12.17	peak
11490.042	36.70	10.22	46.92	74.00	-27.08	AVG
17235.063	40.77	10.22	50.99	54.00	-3.01	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3℃	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5785MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11570.042	46.23	9.14	55.37	68.20	-12.83	peak
11570.042	36.27	10.22	46.49	74.00	-27.51	AVG
17355.063	40.36	10.22	50.58	54.00	-3.42	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11570.042	46.89	9.14	56.03	68.20	-12.17	peak
11570.042	36.50	10.22	46.72	74.00	-27.28	AVG
17355.063	40.91	10.22	51.13	54.00	-2.87	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

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Radiated Emissions Test Results Above 1GHz

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3℃	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5825MHz	Antenna	Horizontal/Vertical

Radiated Emission Above 1GHz–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11650.042	46.02	9.14	55.16	68.20	-13.04	peak
11650.042	36.31	10.22	46.53	74.00	-27.47	AVG
17475.063	40.01	10.22	50.23	54.00	-3.77	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Radiated Emission Above 1GHz–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11650.042	46.24	9.14	55.38	68.20	-12.82	peak
11650.042	36.70	10.22	46.92	74.00	-27.08	AVG
17475.063	40.46	10.22	50.68	54.00	-3.32	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Result: Pass

Note:

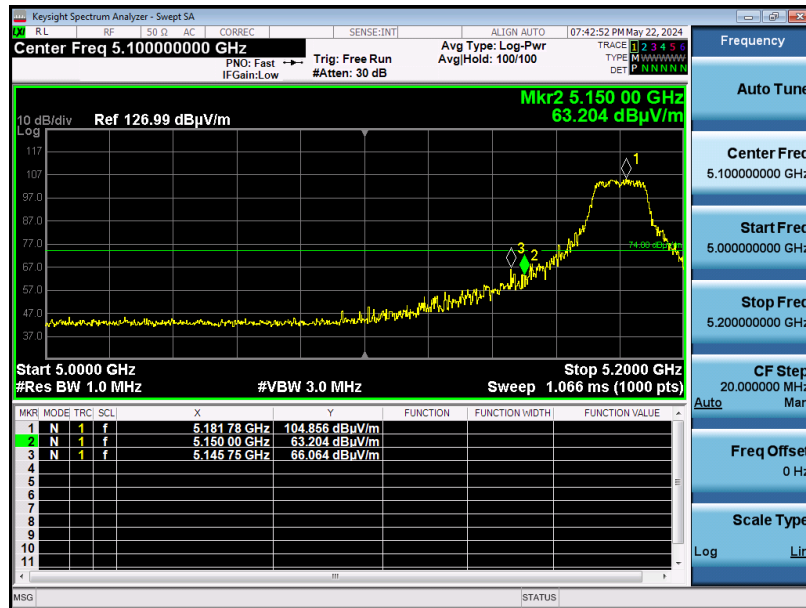
- The amplitude of other spurious emissions from 1GHz to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
- Factor = Antenna Factor + Cable loss - Amplifier gain, Margin=Emission Level-Limit.
- The “Factor” value can be calculated automatically by software of measurement system.
- All test modes had been pre-tested. Refer to Chapter 5 of the report for details.

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Test Result for Band edge Emission at Restricted bands

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5180MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



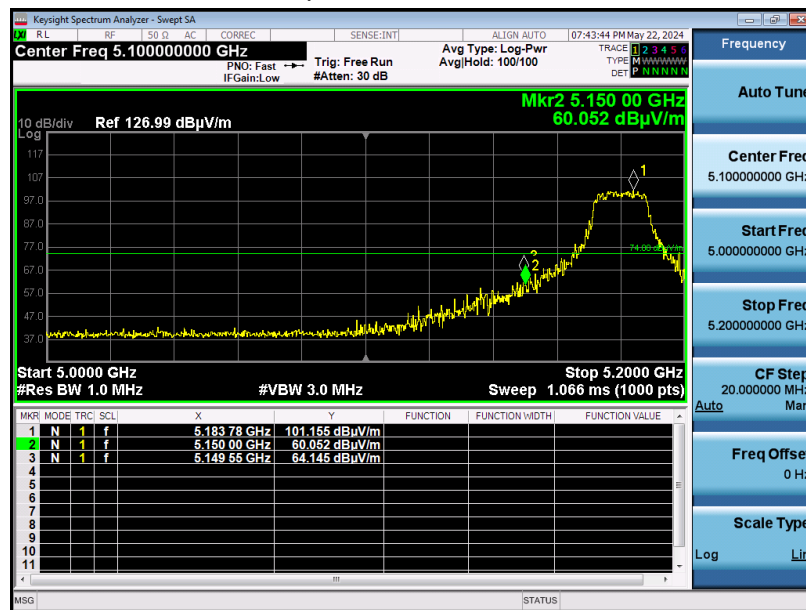
Result: Pass

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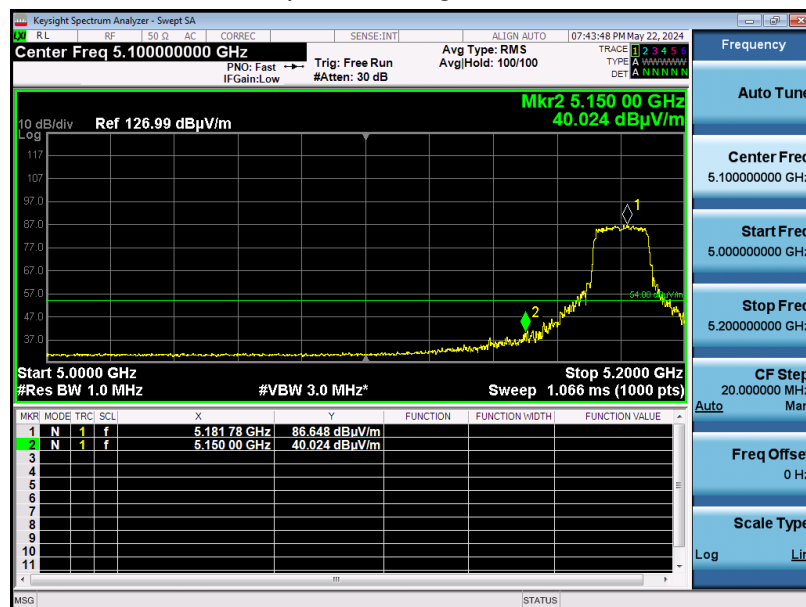
Test Result for Band edge Emission at Restricted bands

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11a_5180MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



Result: Pass

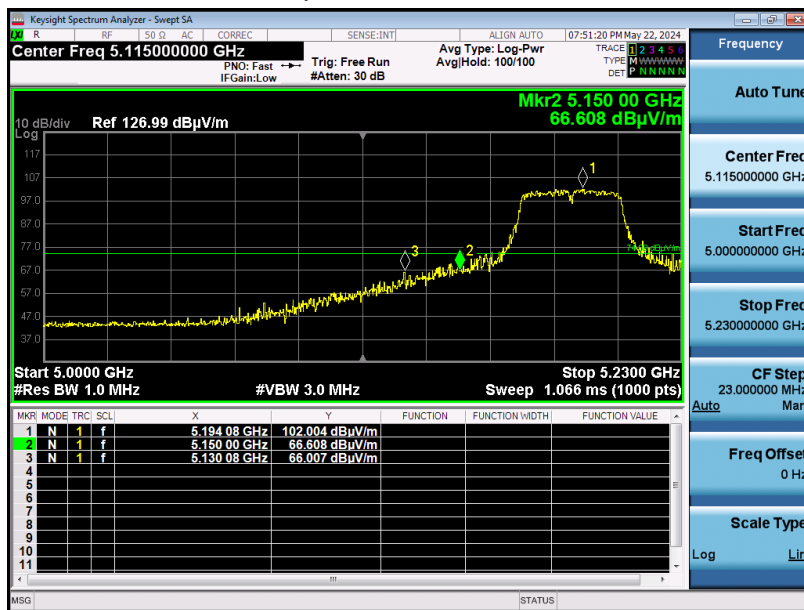
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Test Result for Band edge Emission at Restricted bands

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11n40_5190MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



Result: Pass

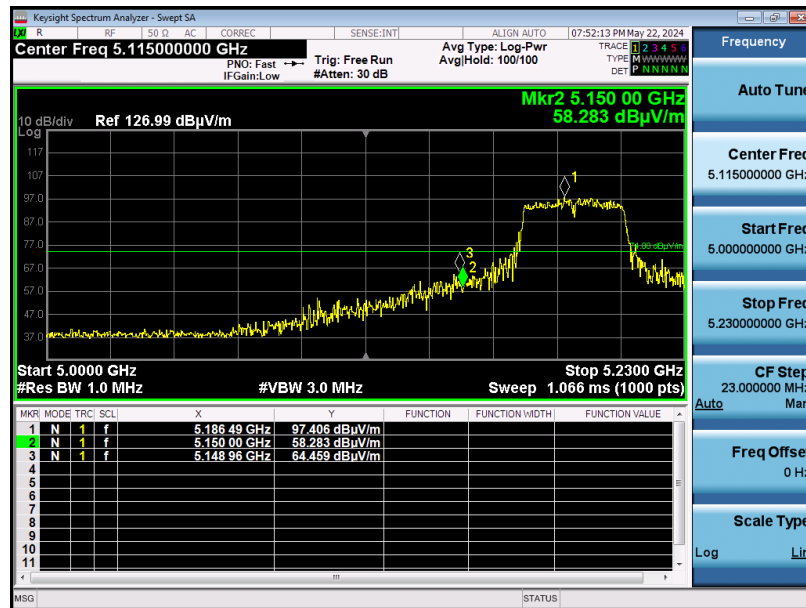
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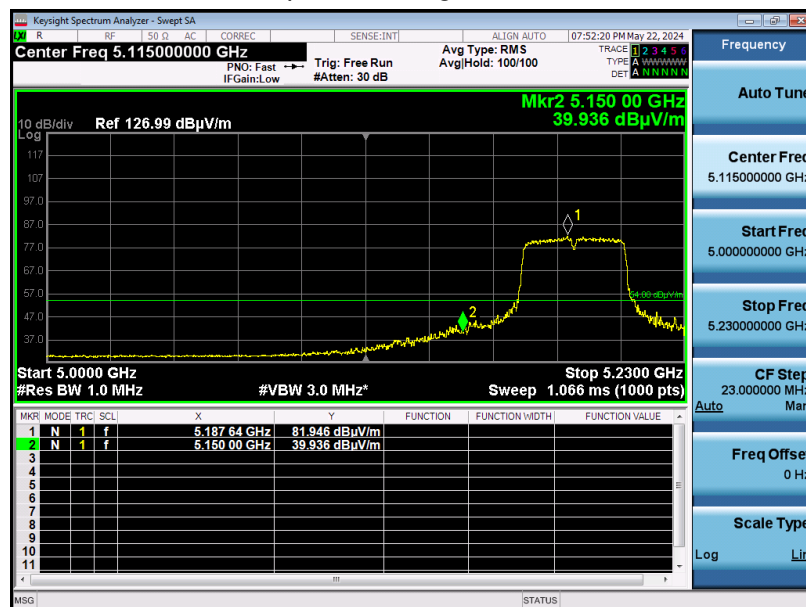
Test Result for Band edge Emission at Restricted bands

EUT Name	Baseus Security P1 Indoor Camera 3K	Model Name	S0TV01
Temperature	22.3°C	Relative Humidity	59.9%
Pressure	960hPa	Test Voltage	DC 5V
Test Mode	802.11n40_5190MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



Result: Pass

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