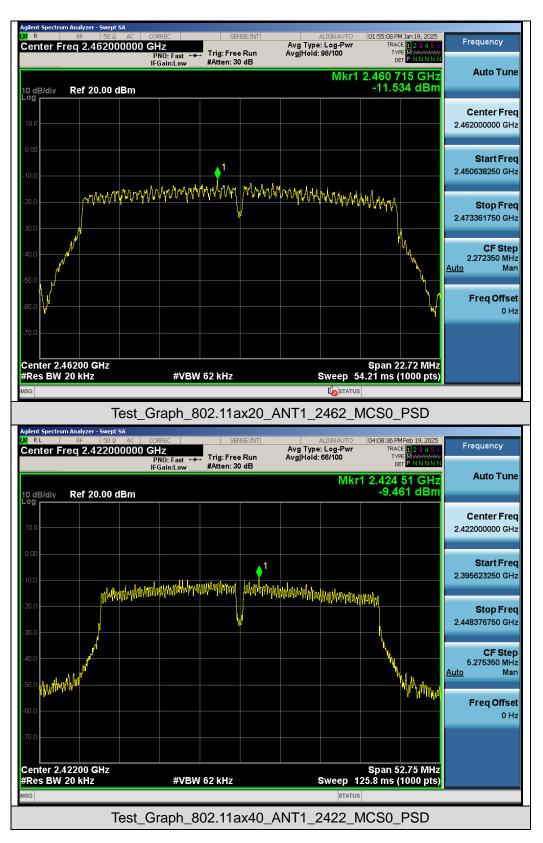
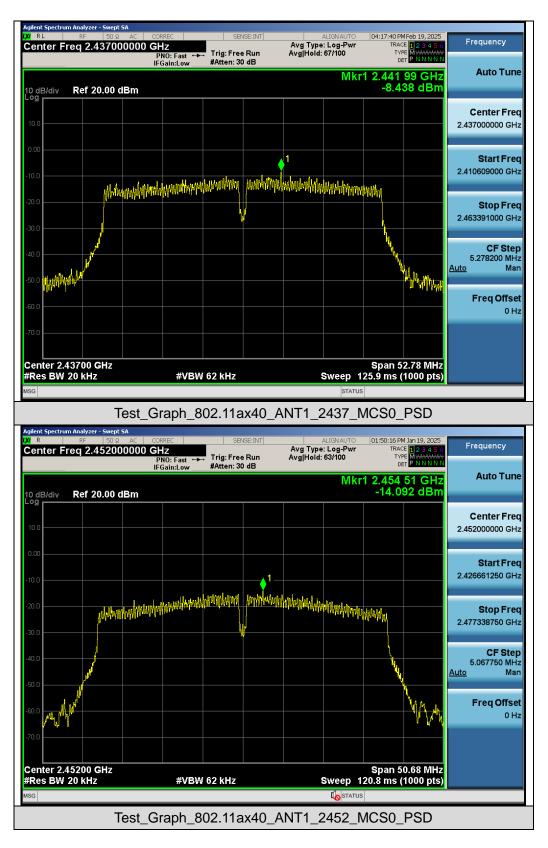


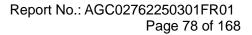
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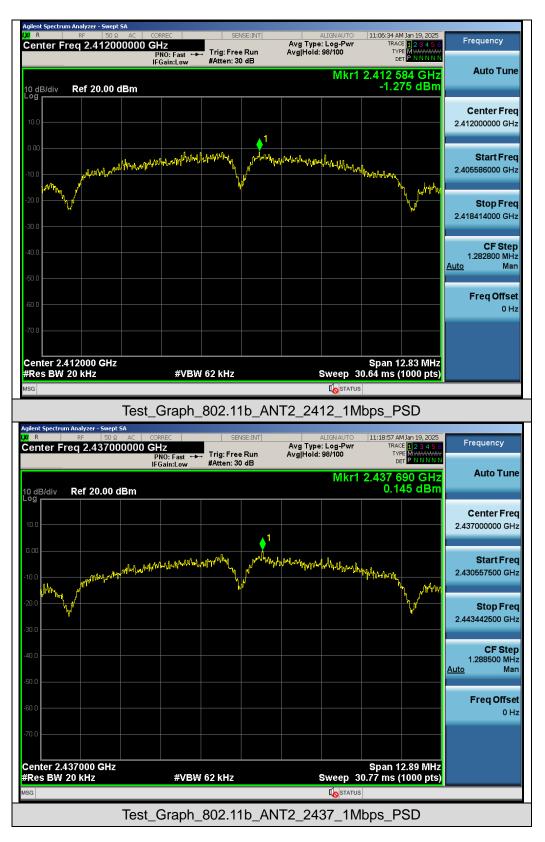


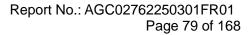




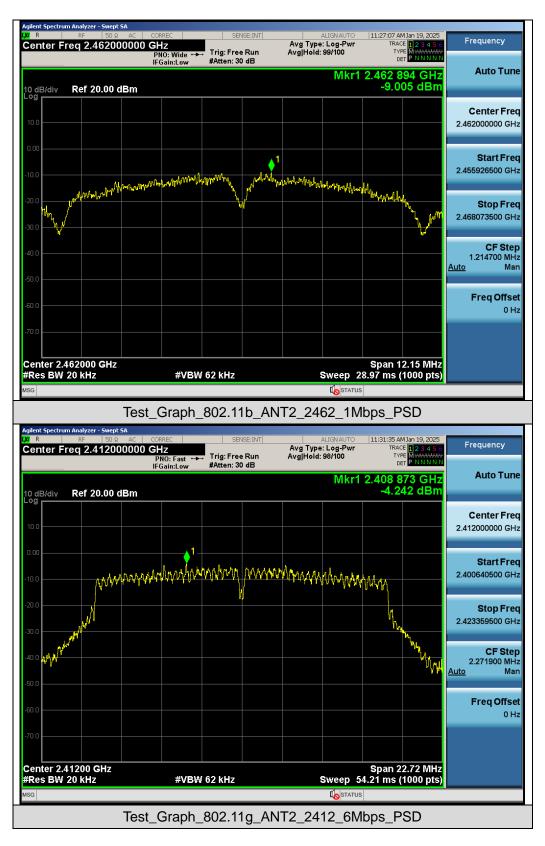












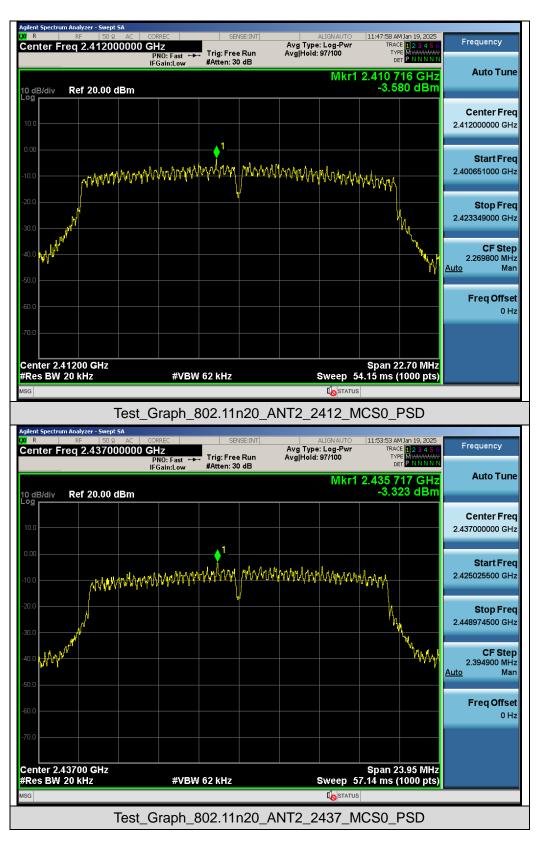
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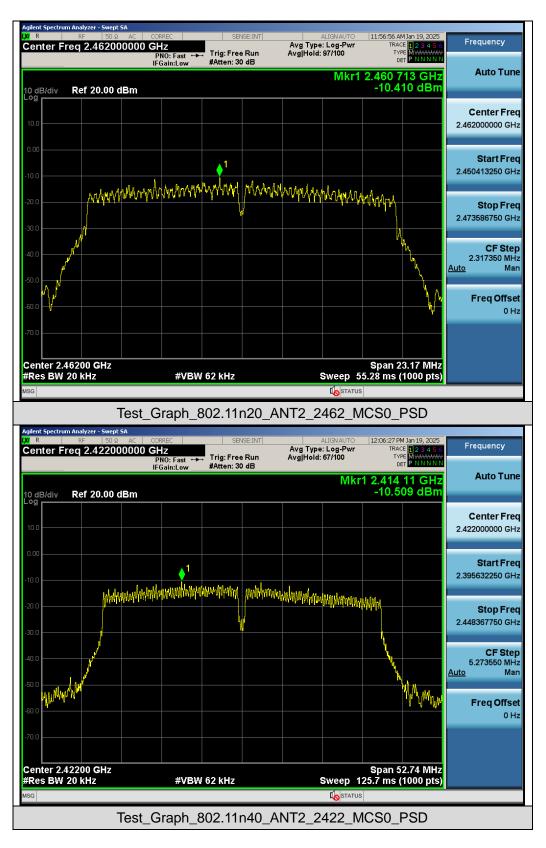
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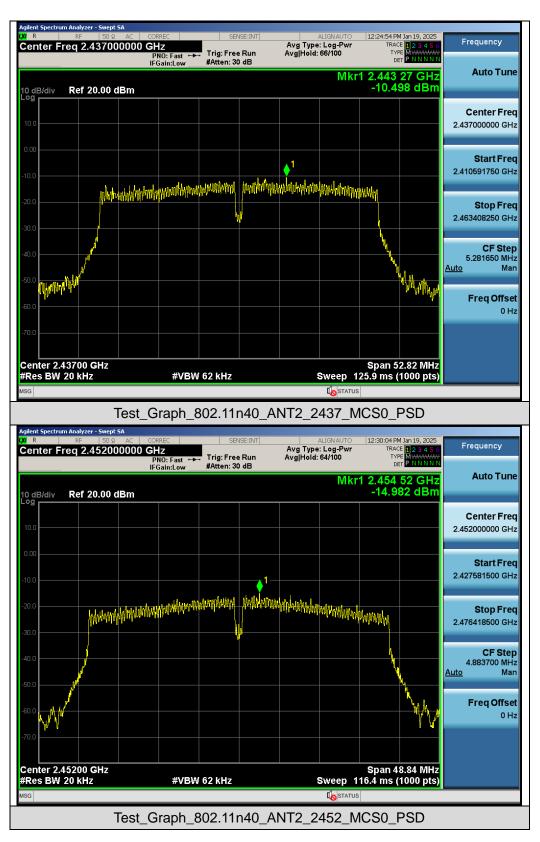
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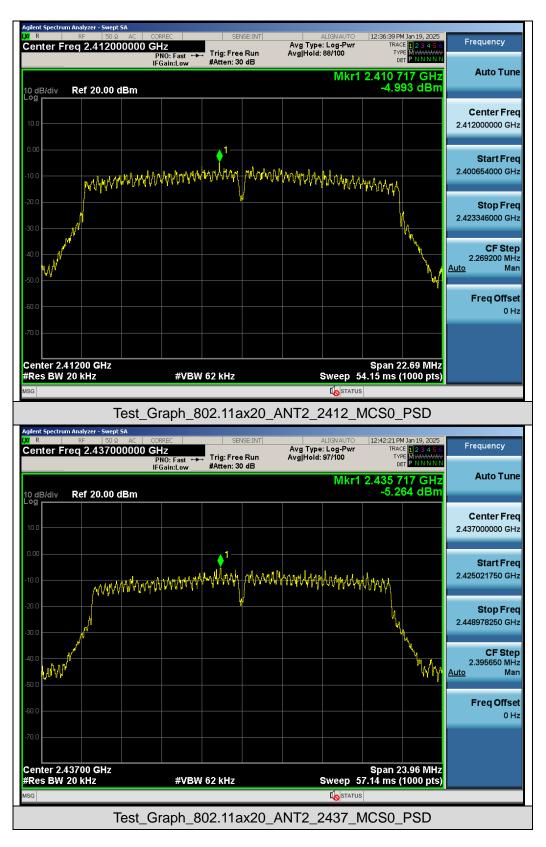


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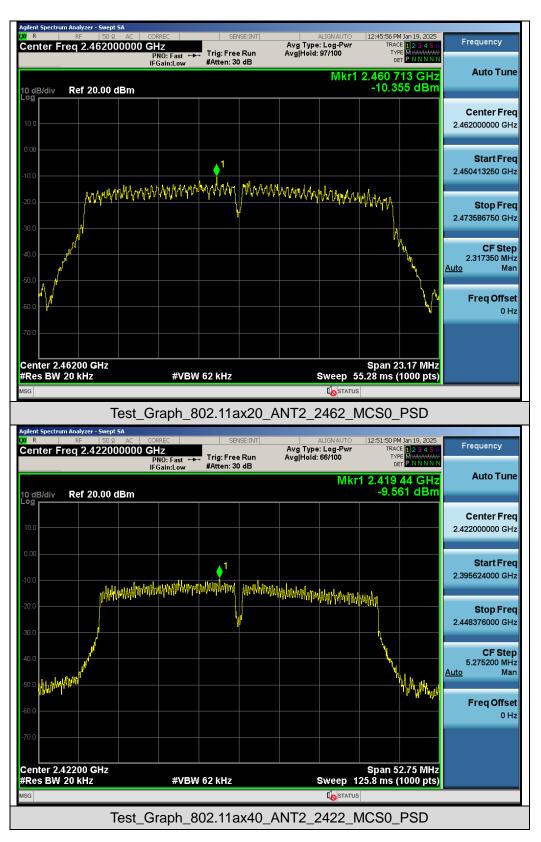




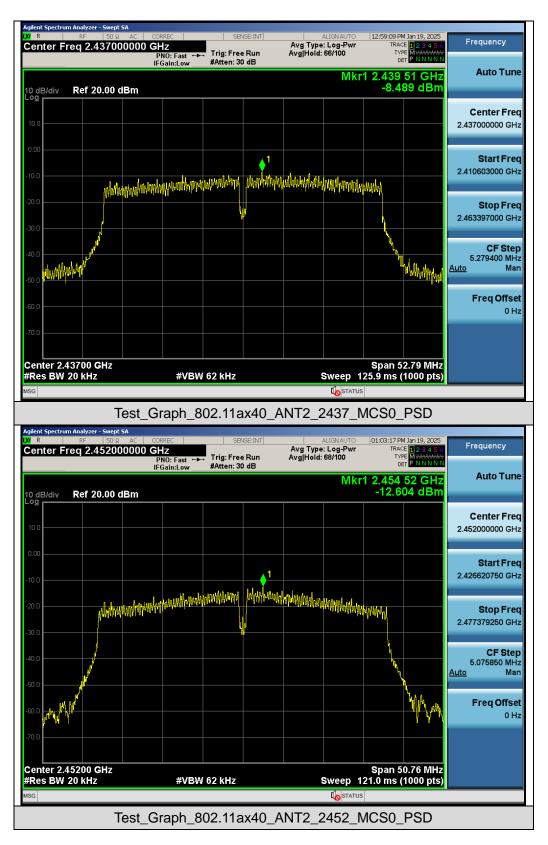


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# 10. Conducted Band Edge and Out-of-Band Emissions

## **10.1 Provisions Applicable**

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

## **10.2 Measurement Procedure**

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

- Step 1: Measurement Procedure In-Band Reference Level
  - 1. Set instrument center frequency to DTS channel center frequency.
  - 2. Set the span to  $\geq$  1.5 times the DTS bandwidth.
  - 3. Set the RBW = 100 kHz.
  - 4. Set the VBW  $\geq$  3 x RBW.
  - 5. Detector = peak.
  - 6. Sweep time = auto couple.
  - 7. Trace mode = max hold.
  - 8. Allow trace to fully stabilize.
  - 9. Use the peak marker function to determine the maximum PSD level.
  - 10. Note that the channel found to contain the maximum PSD level can be used to establish the reference level.
  - 11. For reference level values, please refer to DTS bandwidth test.
- Step 2: Measurement Procedure Out of Band Emission
  - 1. Set RBW = 100 kHz.
  - 2. Set VBW  $\geq$  300 kHz.
  - 3. Detector = peak.
  - 4. Sweep = auto couple.
  - 5. Trace Mode = max hold.
  - 6. Allow trace to fully stabilize.
  - 7. Use the peak marker function to determine the maximum amplitude level.

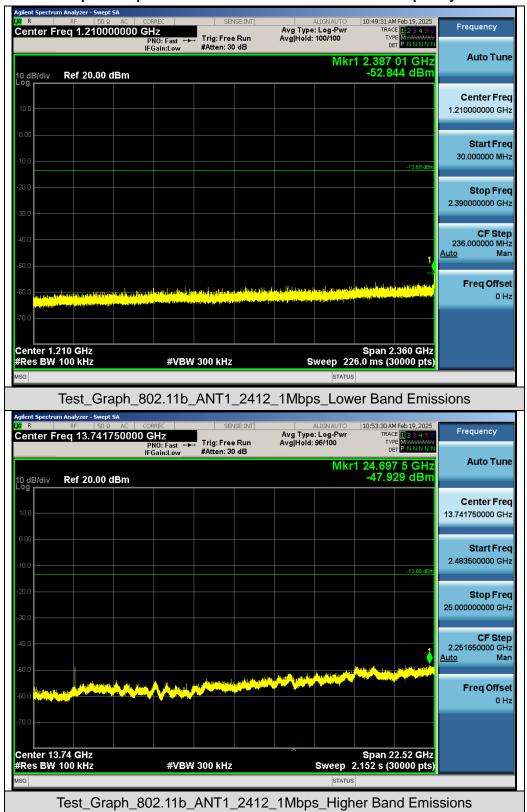
Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

## 10.3 Measurement Setup (Block Diagram of Configuration)

Spectrum Analyzer		
	attenuator	EUT

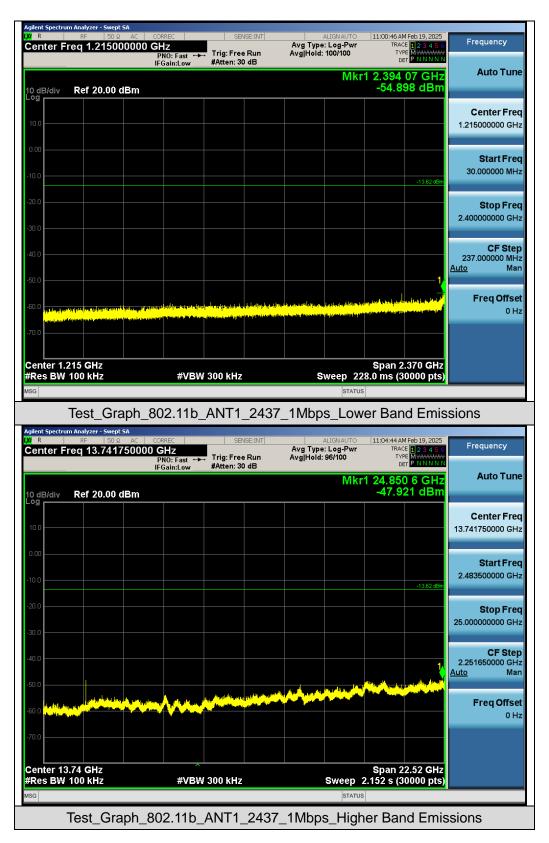


## **10.4 Measurement Result**

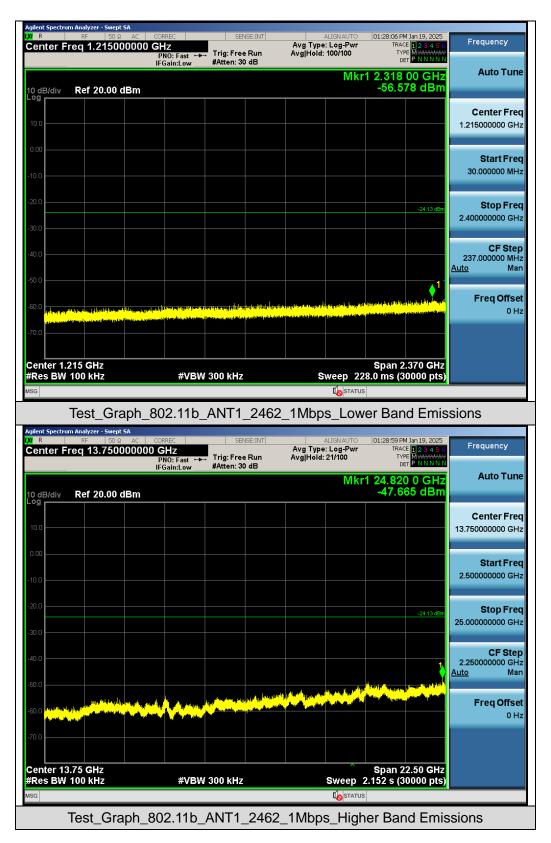


## Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands



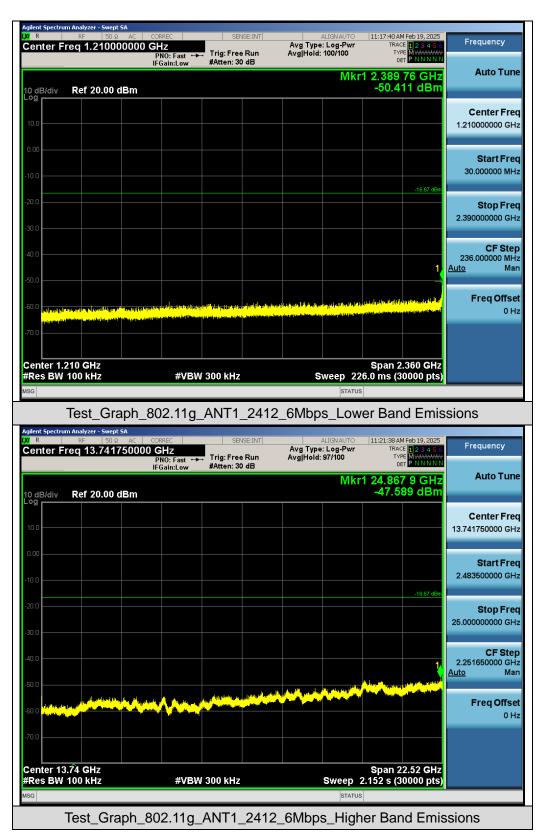




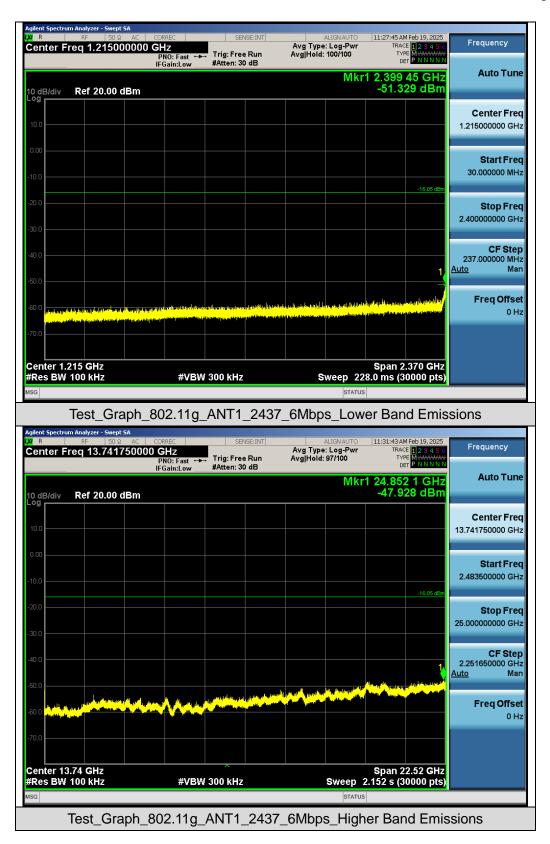


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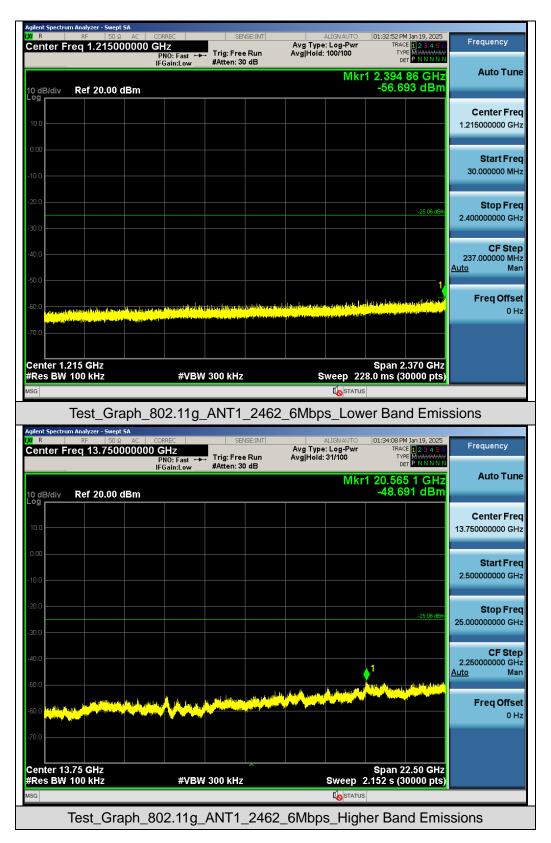






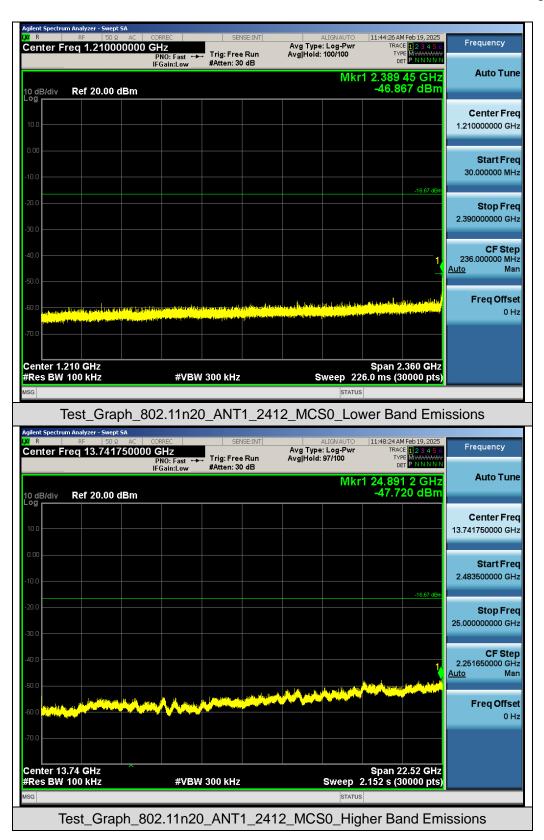




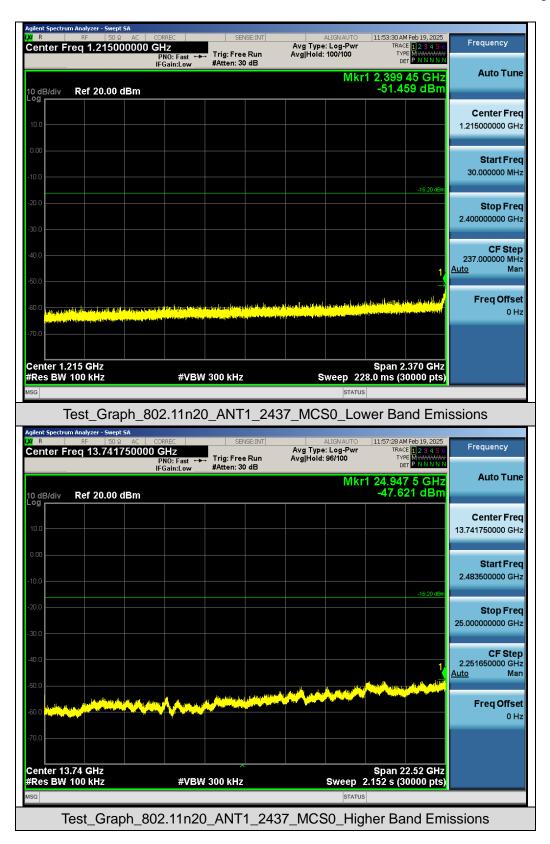


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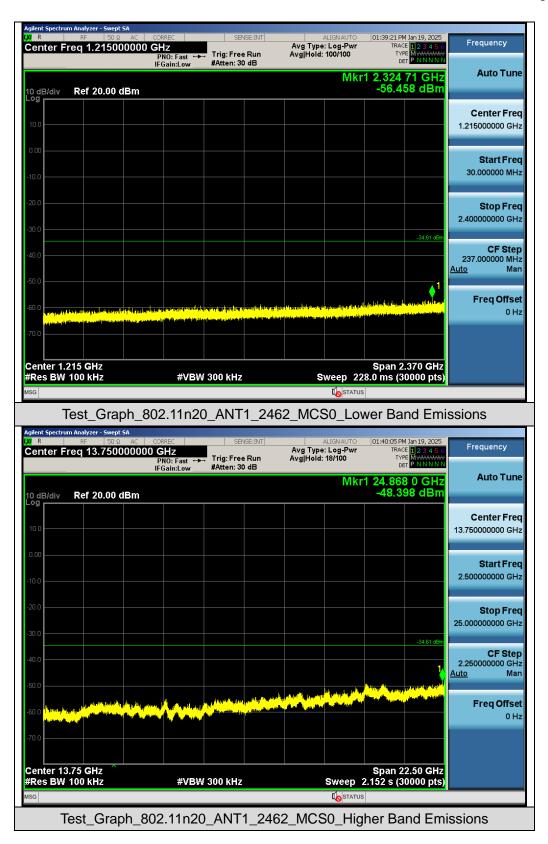




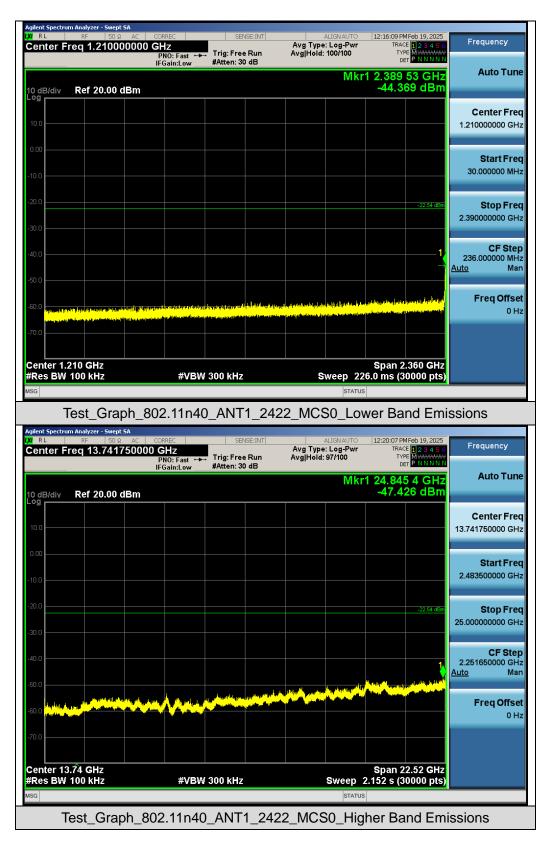




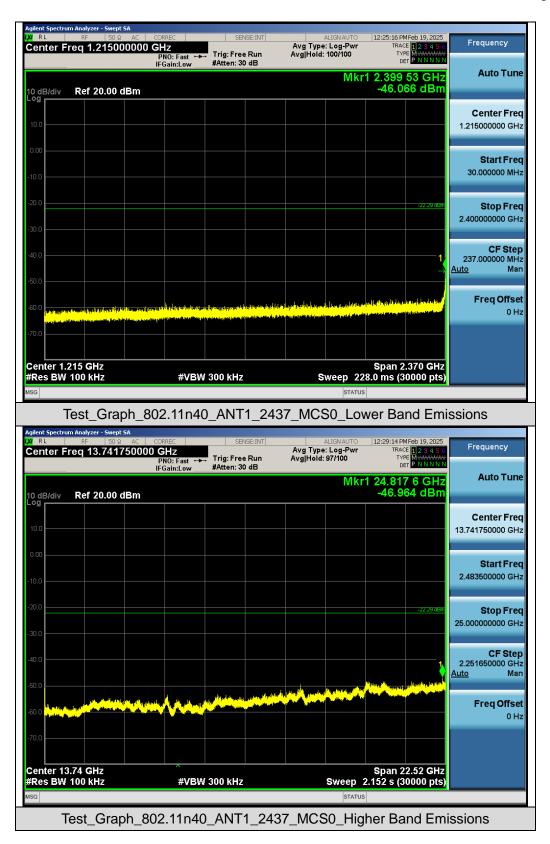




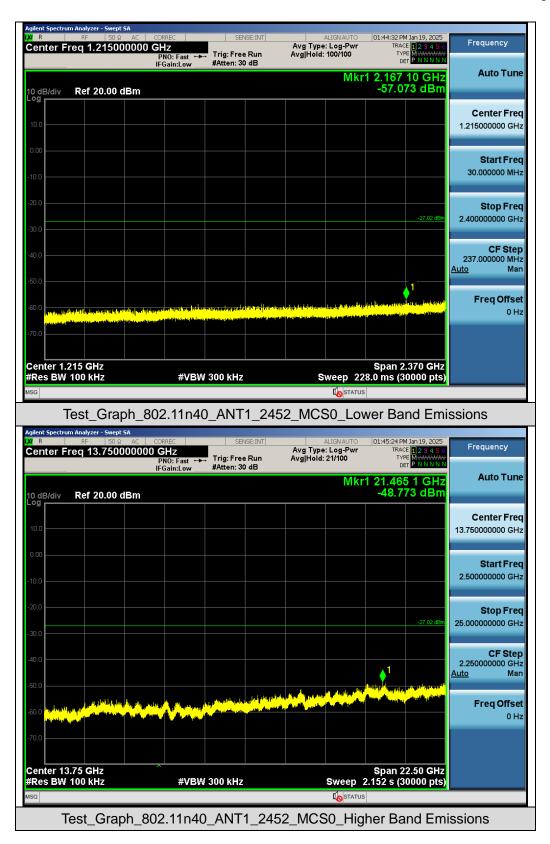




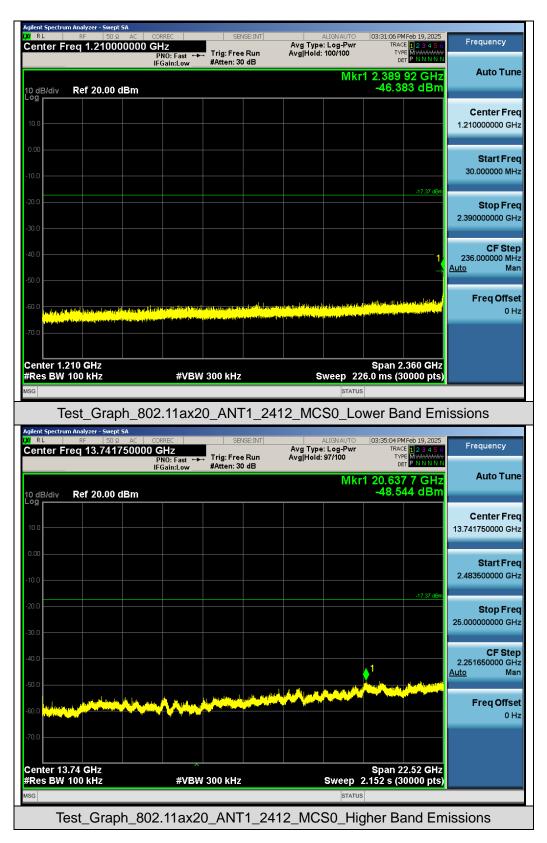




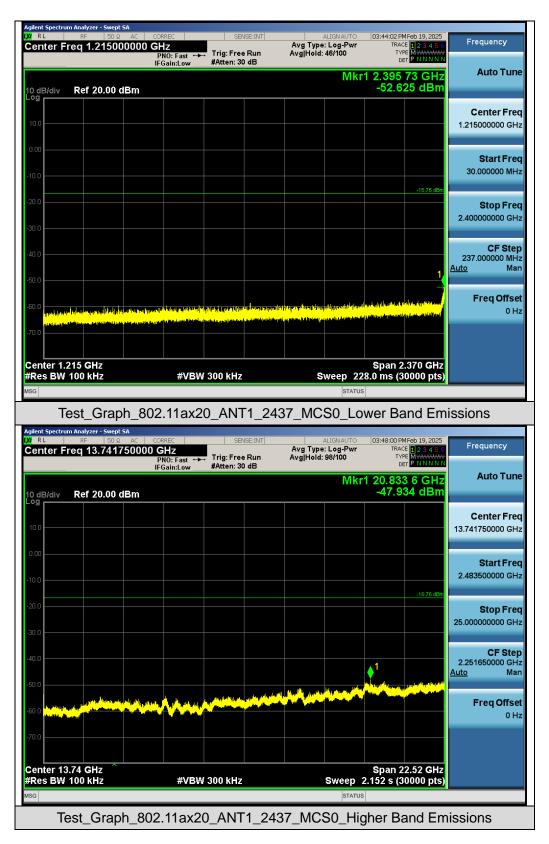




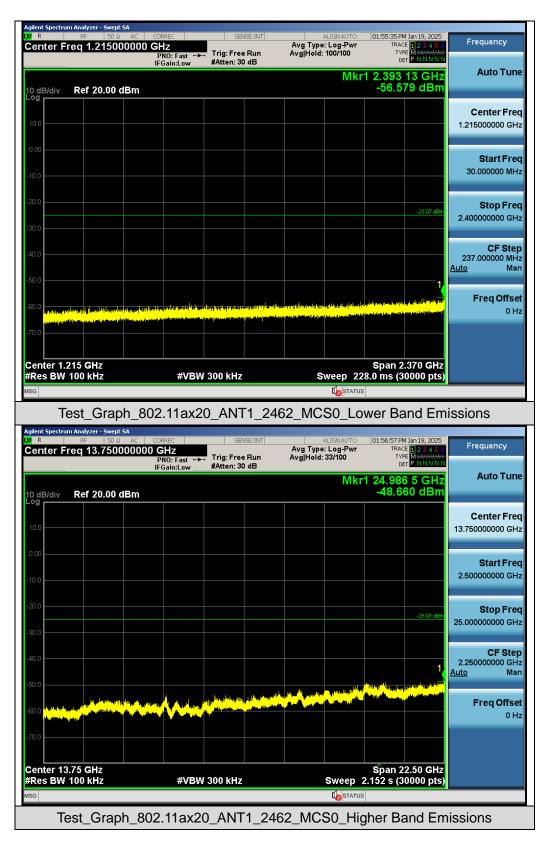




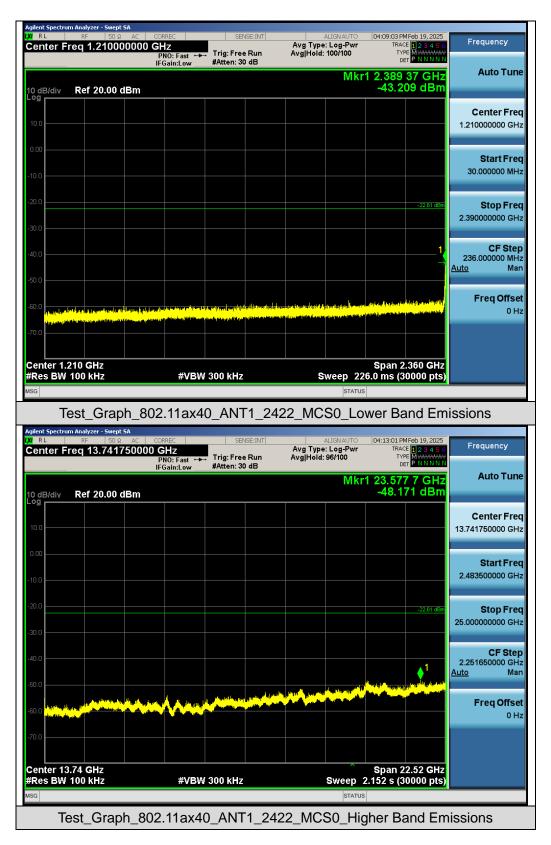




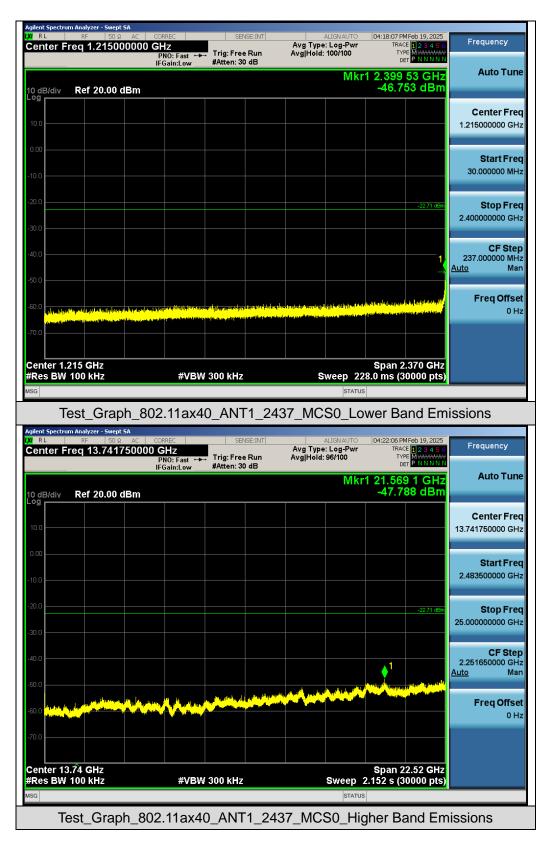




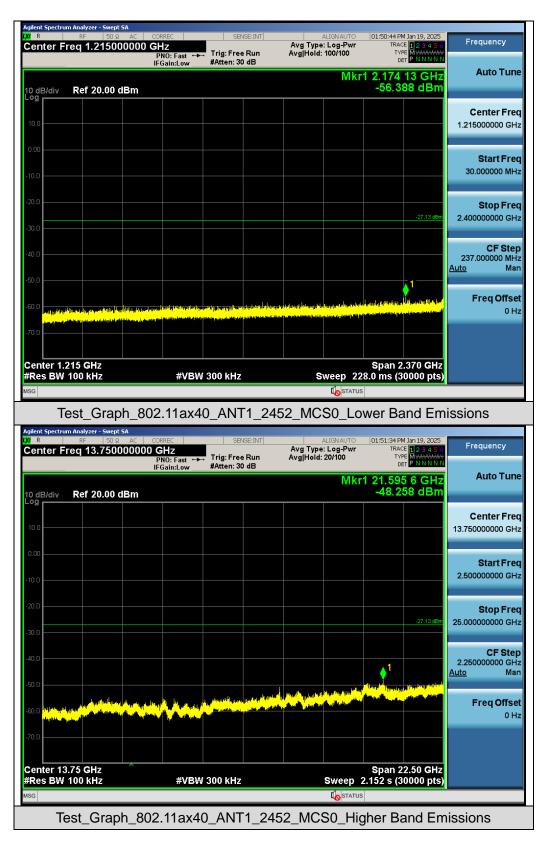




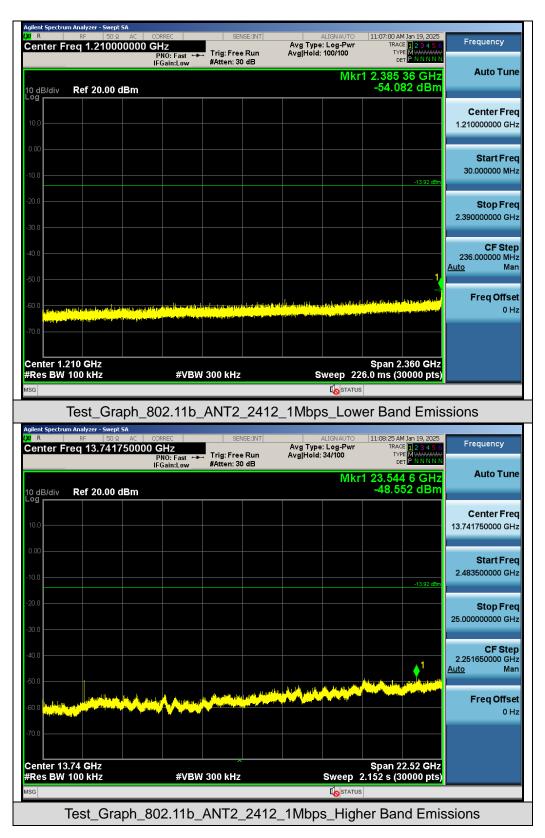




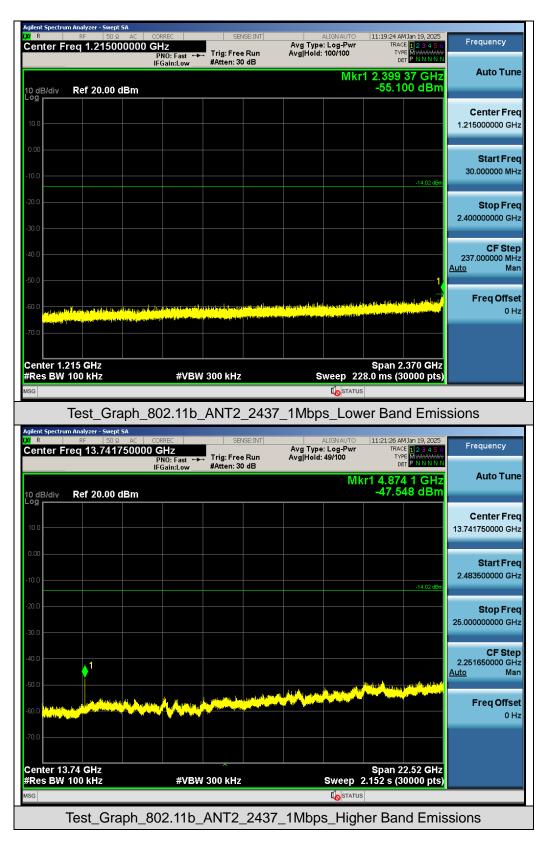




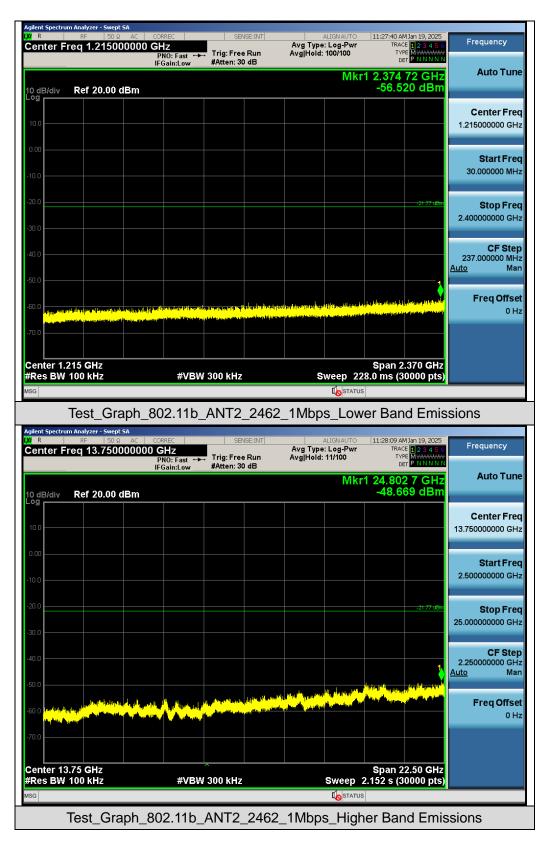




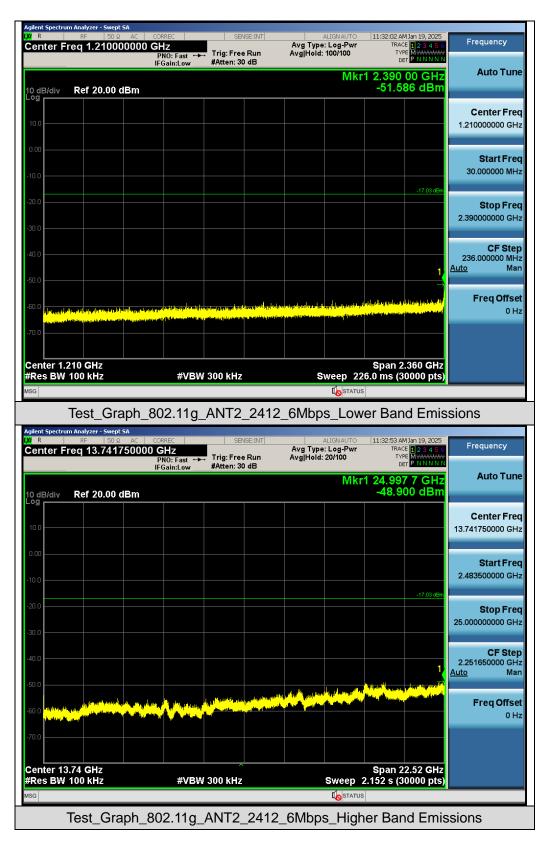






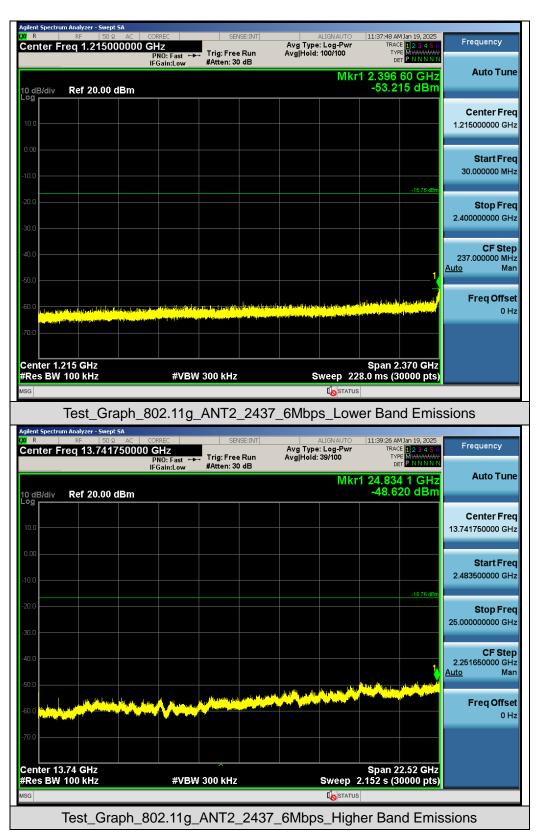






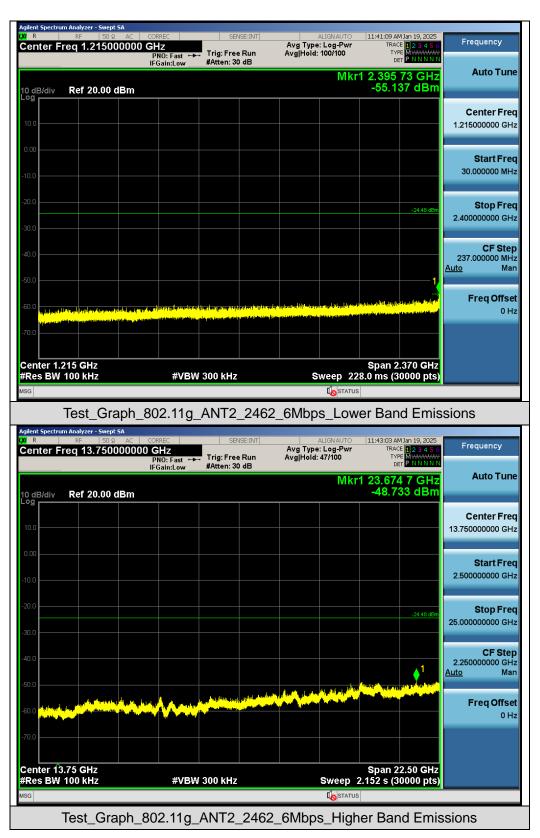
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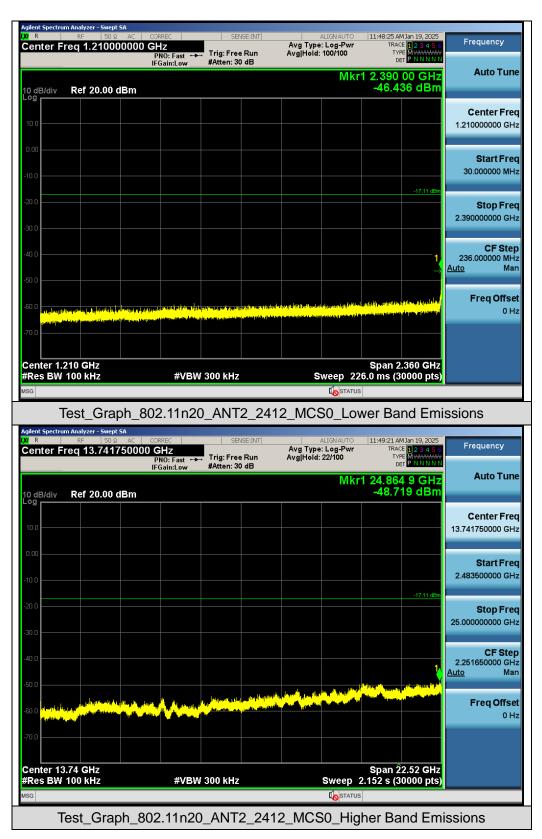
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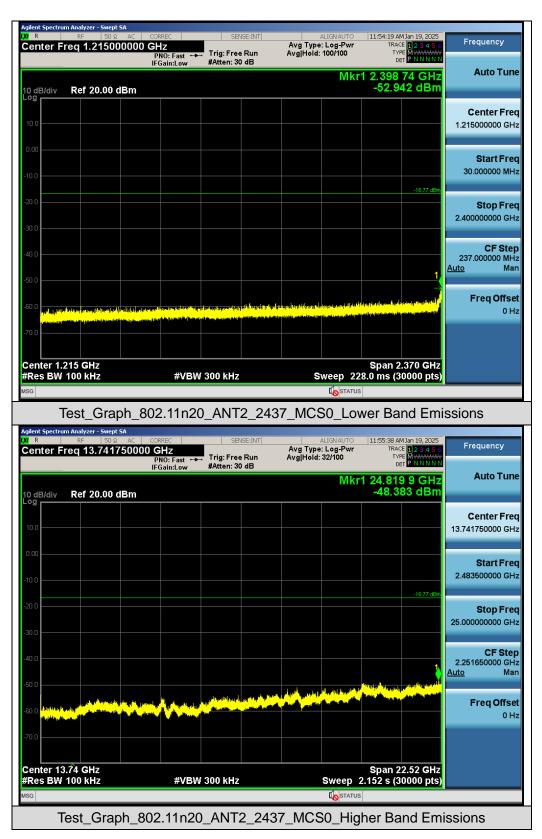
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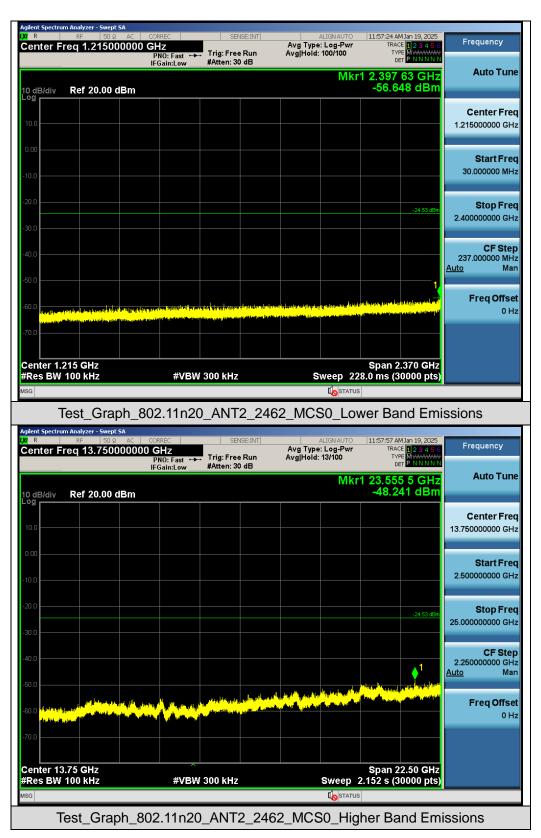
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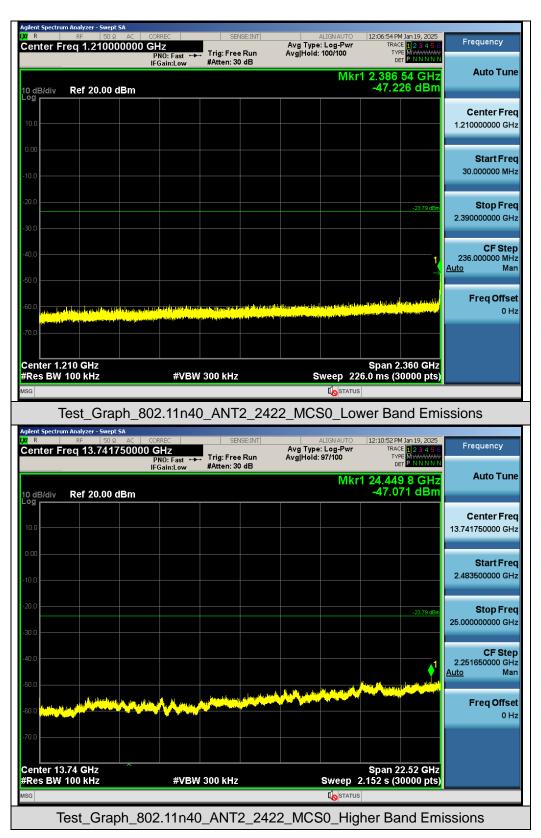
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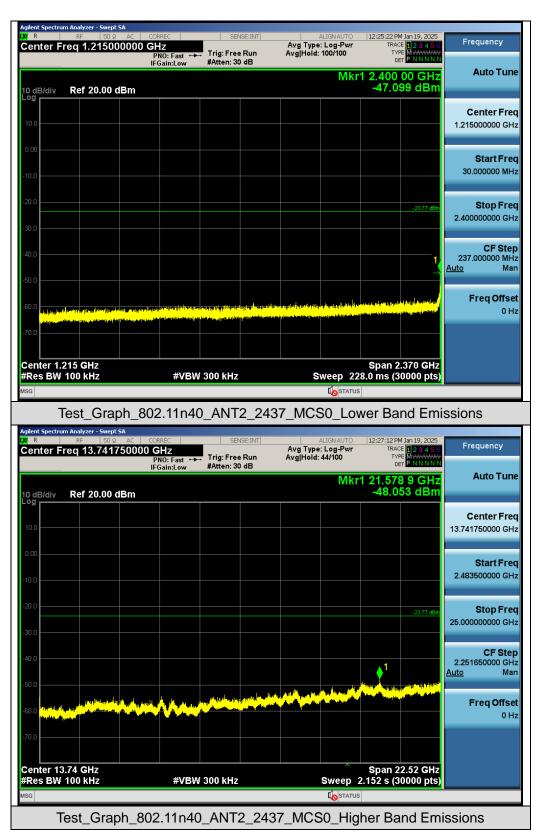
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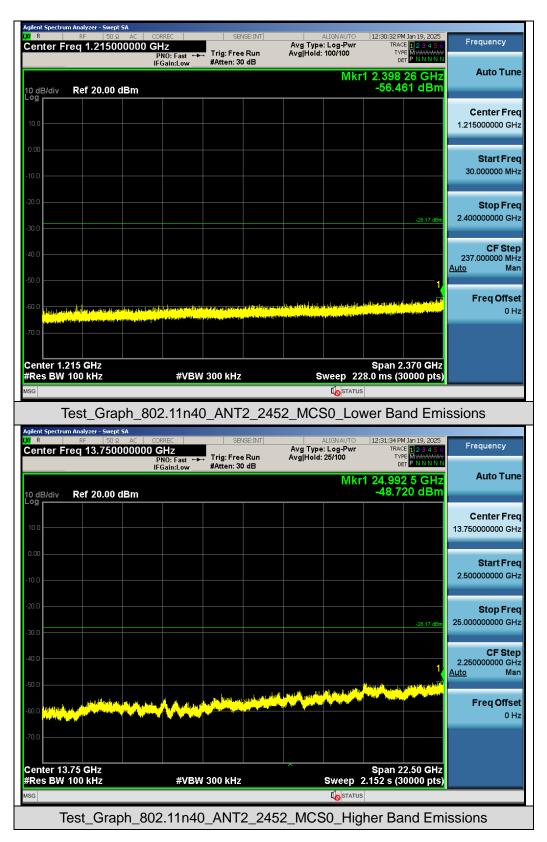


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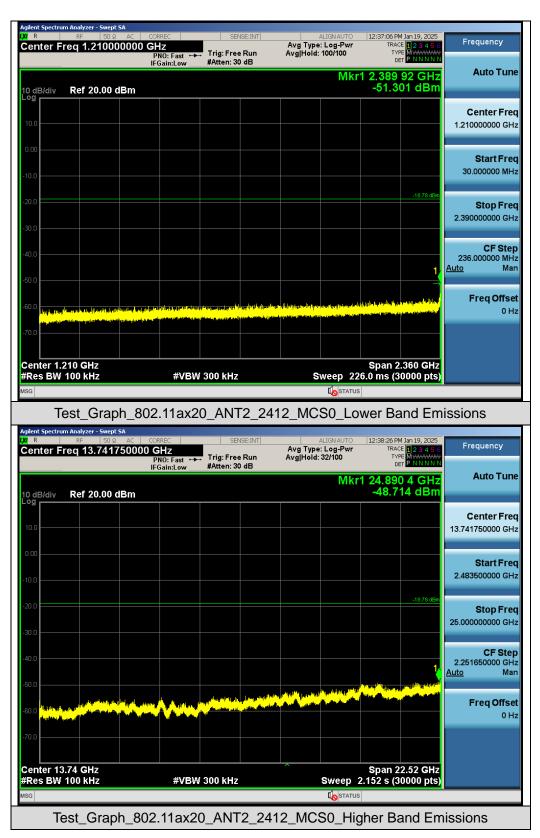






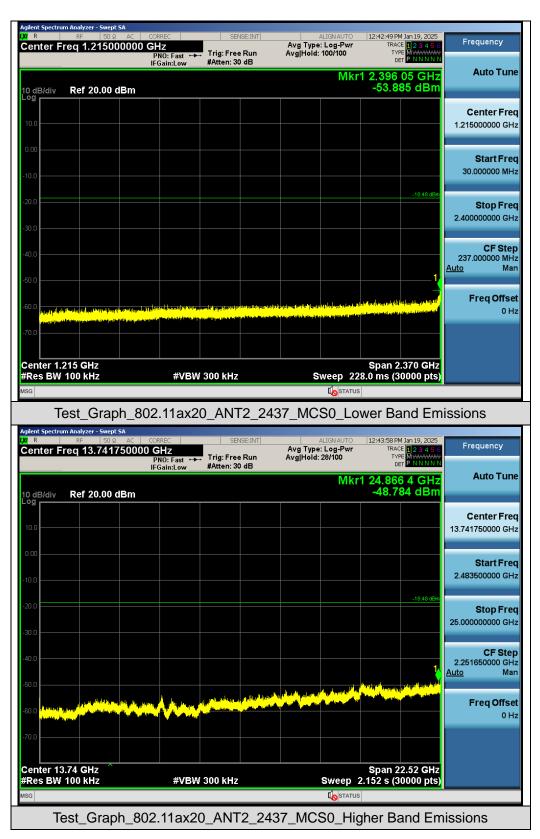
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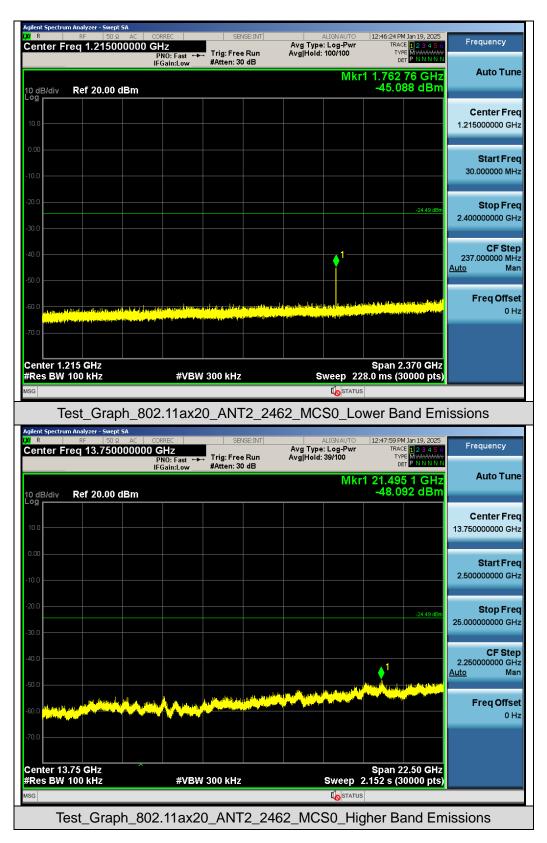


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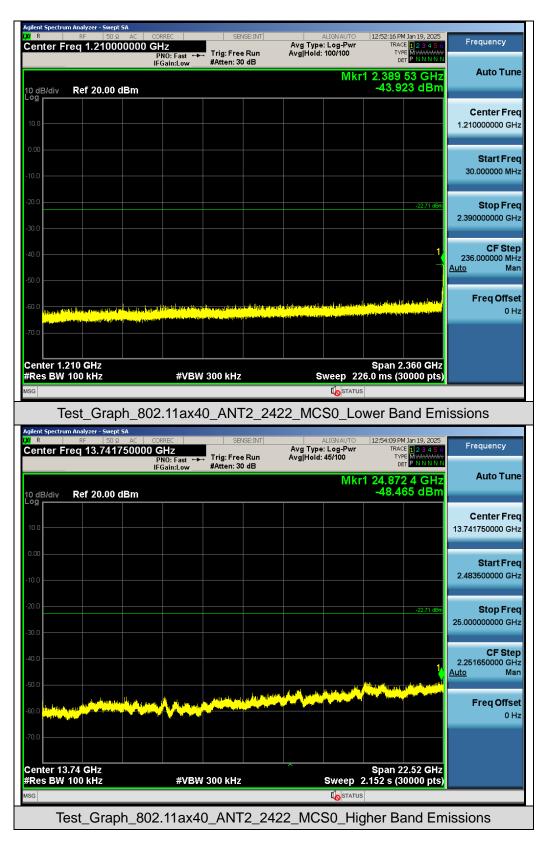




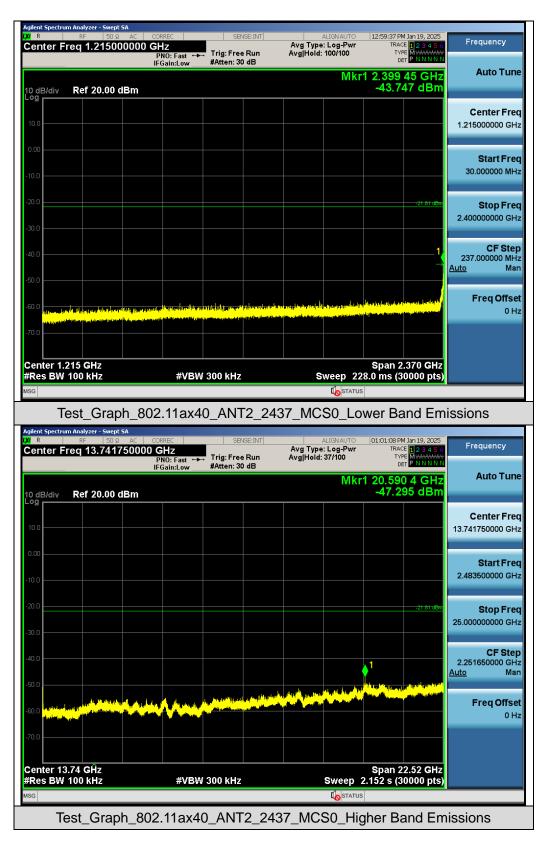






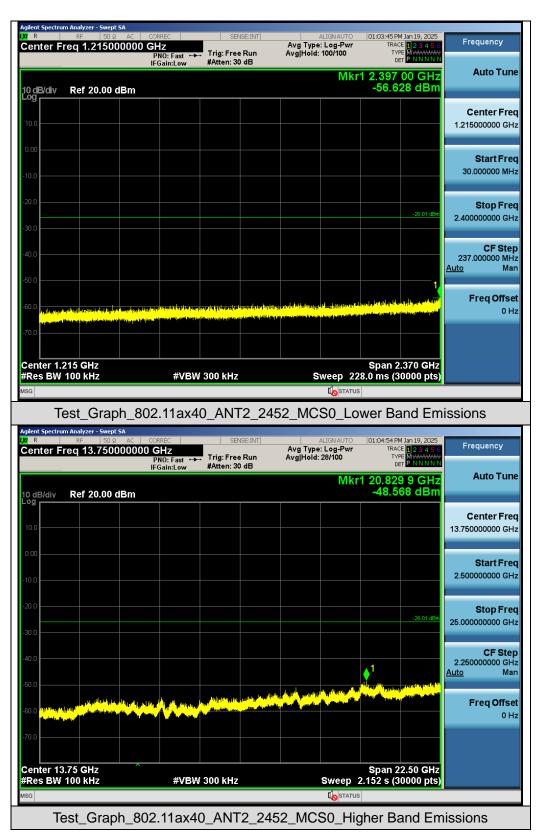


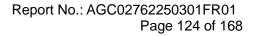




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### Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands





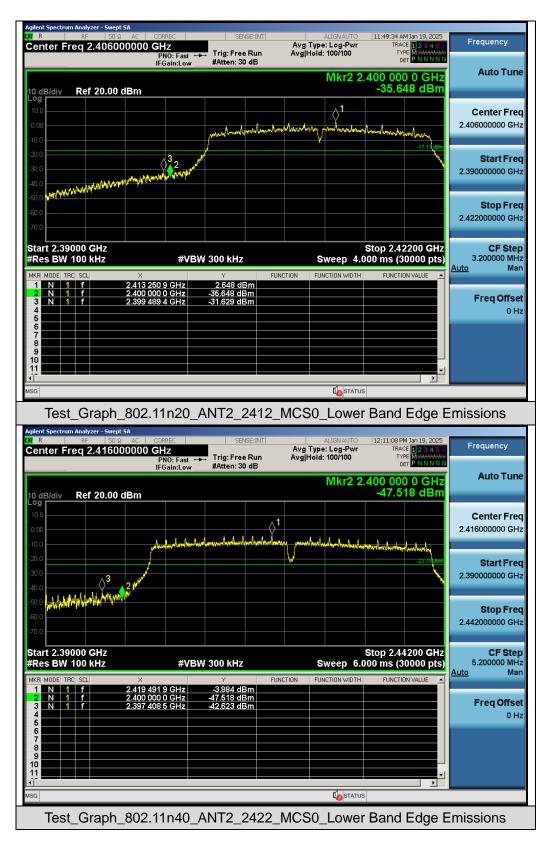


















# **11. Radiated Spurious Emission**

### **11.1 Measurement Limits**

15.209(a) Limit in the below table has to be followed

Frequencies (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: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

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

Spectrum 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
Start ~Stop Frequency	1GHz~26.5GHz
	1MHz/3MHz for Peak, 1MHz/3MHz for Average

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



## • Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as shown in the table above
- 4. Detector = CISPR quasi-peak
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

## • Peak Measurements above 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

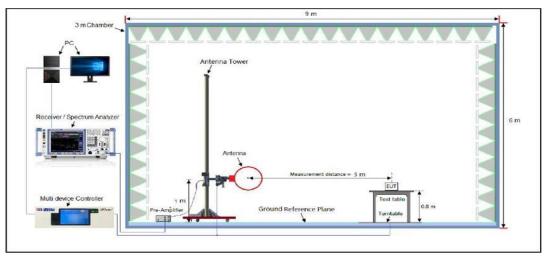
## • Average Measurements above 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW ≥ [3 × RBW]
- 4. Detector = Power averaging (rms)
- 5. Averaging type = power (i.e., rms)
- 6. Sweep time = auto
- 7. Perform a trace average of at least 100 traces.
- 8. The applicable correction factor is [10\*log (1 / D)], where D is the duty cycle. The factor had been edited in the "Input Correction" of the Spectrum Analyzer.

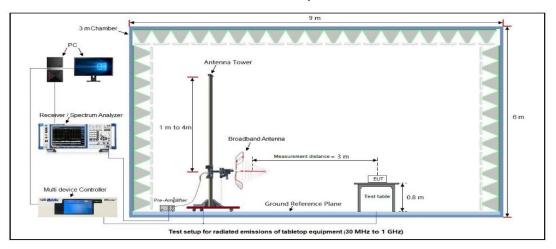


## 11.3 Measurement Setup (Block Diagram of Configuration)

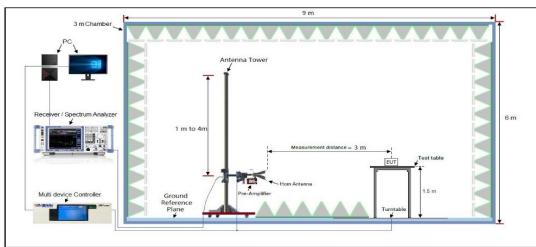




Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



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 Web: http://www.agccert.com/



### **11.4 Measurement Result**

## Radiated Emission at 9kHz-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 Res	ults at 30MHz-1GHz	
EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 5	Antenna Polarity	Horizontal
72.0 dB	N/m		
-6			
30.000	40 50 60 70 80 (MHz)		600 700 1000.000
No.	Mk. Freq. Level Factor	Measure- ment Limit Ove	er
	MHz dBuV dB	dBuV/m dBuV/m dB	
1	! 132.6850 23.35 15.64	38.99 43.50 -4.5	
	! 226.8935 26.89 14.74	41.63 46.00 -4.3	
	<u>1 245.0900 26.72 15.25</u>	41.97 46.00 -4.0	
	! 256.5210 26.68 14.90	41.58 46.00 -4.4	
	* 374.6225 24.07 18.04	42.11 46.00 -3.8	
6	! 893.8567 10.20 31.03	41.23 46.00 -4.7	7 peak



				Ra	adia	ted Ei	niss	ion Test Re	esults a	t 30	MHz-	1GH	z				
EUT Name			OWEI 1ERA	RED	) SF	PORTS	S AN	ALYSIS	Μ	odel	Nam	e		C	CER	BERU	IS
Temperature		21.2° C				R	elati	ve Hu	umid	ity	5	58.6	%				
Pressure		960ł	nPa						Te	est V	/oltag	е		Ν	Vorn	nal Vo	ltage
Test Mode		Mode 5				A	nten	na Po	olari	ty	\	/erti	cal				
72.0	dBu	V/m												Limi			
32		w	2		4 X		\$ W	A MARCAN AND AND AND AND AND AND AND AND AND A		Vink	Marth	1	the states	Mar	rgin:	- f	
-8 	000	40	50	60		80 Read	ing	(MHz)		30		400	500	600	700	1000.0	00
	Ma							( 'orroct									
1	NO.	Mk.	F	req		Leve		Correct Factor	Meas mer		Lir	nit	Ov	er			
	NO.	Mk.		req. 1Hz			el			nt	Lir	nit ïV/m	Ov dE		De	tector	
	NO. 1	Mk.		/Hz		Leve	el V	Factor	mer	nt 'm	Lir	iV/m		3		tector eak	
			N	1Hz )667	7	Leve dBu	el V 55	Factor dB	mer dBuV/	nt 'm 3	Lir dBu	IV/m 00	dE	3 17	р		
	1	İ	N 32.0	1Hz 1667 5867	7 7	Leve dBu 21.5	el V 55 51	Factor dB 14.28	mer dBuV/ 35.8	nt 'm 3 6	Lir dBu 40.	IV/m 00 00	dE -4.1	3 17 74	p p	eak	
	1	! !	M 32.0 44.5	4Hz 1667 1867 1043	7 7 3	Leve dBu 21.5 18.3	el v 55 51 51	Factor dB 14.28 16.95	mer dBuV/ 35.8 35.2	nt 'm 3 6 0	Lir dBu 40.	IV/m 00 00 00	dE -4.1 -4.7	3 17 74 30	p p p	eak eak	
	1 2 3	! ! *	N 32.0 44.5 60.7	4Hz 1667 1667 1667 1667 1667 1667 1667 166	7 7 3	Leve dBu 21.5 18.3 20.6	5 55 51 57	Factor dB 14.28 16.95 17.09	mer dBuV/ 35.8 35.2 36.7 36.6	nt /m 3 6 0 1	Lir dBu 40. 40.	IV/m 00 00 00 00	dE -4.1 -4.7 -3.3	3 17 74 30 39	p p p p	eak eak eak	

## **RESULT: Pass**

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. All test modes had been pre-tested. The ANT 1 of mode 802.11g is the worst case and recorded in the report.



EUT Name	_	AI POWERED SPORTS ANALYSIS CAMERAModel Name21.2°CRelative Humidity			ame	CERBER	CERBERUS	
<b>Femperature</b>	21.2°C				58.6%			
Pressure	960hPa		т	est Volt	tage	Normal V	/oltage	
Fest Mode	Mode 4	Mode 4		Antenna	Polarity	Horizonta	Horizontal	
						·		
Frequency	Meter Reading	Factor	Emission L	evel	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m	n)	(dBµV/m)	(dB)	value Type	
4824.000	48.36	0.08	48.44		74	-25.56	peak	
4824.000	38.41	0.08	38.49		54	-15.51	AVG	
7236.000	42.09	2.21	44.3		74	-29.7	peak	
7236.000	33.73	2.21	35.94		54	-18.06	AVG	
Remark:								
	na Factor + Cab	le Loss – Pre-a	mplifier.					
			mplifier.					
		ED SPORTS		lodel N	ame	CERBER	RUS	
Factor = Anteni	AI POWER	ED SPORTS	N		ame Humidity	CERBER 58.6%	RUS	
Factor = Anteni	AI POWER ANALYSIS	ED SPORTS	R		Humidity			
Factor = Anteni EUT Name Temperature	AI POWER ANALYSIS 21.2°C	ED SPORTS	R T	Relative Test Volt	Humidity	58.6%		
Factor = Anteni EUT Name Femperature Pressure Fest Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 4	ED SPORTS CAMERA	R T A	Relative Test Volt	Humidity tage Polarity	58.6% Normal V Vertical		
Factor = Antenne EUT Name Femperature Pressure Fest Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 4	ED SPORTS CAMERA	R T Emission Le	Relative Test Volt Antenna	Humidity tage Polarity	58.6% Normal V Vertical Margin	/oltage	
Factor = Anteni EUT Name Femperature Pressure Fest Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 4 Meter Reading (dBµV)	ED SPORTS CAMERA Factor (dB)	Emission Lo (dBµV/m	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m)	58.6% Normal V Vertical Margin (dB)	Voltage Value Type	
Factor = Anteni EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 4 Meter Reading (dBµV) 47.63	ED SPORTS CAMERA Factor (dB) 0.08	К К К К К К К К К К К К К К К К К К К	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74	58.6% Normal V Vertical Margin (dB) -26.29	/oltage Value Type peak	
Factor = Antenne EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000 4824.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 4 Meter Reading (dBµV) 47.63 36.29	ED SPORTS CAMERA Factor (dB) 0.08 0.08	К К К К К К К К К К К К К К К К К К К	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74 54	58.6% Normal V Vertical Margin (dB) -26.29 -17.63	Voltage Value Type peak AVG	
Factor = Antenne EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000 4824.000 7236.000	AI POWER ANALYSIS           21.2°C           960hPa           Mode 4           Meter Reading           (dBμV)           47.63           36.29           42.18	ED SPORTS CAMERA Factor (dB) 0.08 0.08 2.21	Emission Lo           (dBµV/m)           47.71           36.37           44.39	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74 54 74	58.6% Normal V Vertical Margin (dB) -26.29 -17.63 -29.61	Value Type Peak AVG peak	
Factor = Antenne EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000 4824.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 4 Meter Reading (dBµV) 47.63 36.29	ED SPORTS CAMERA Factor (dB) 0.08 0.08	К К К К К К К К К К К К К К К К К К К	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74 54	58.6% Normal V Vertical Margin (dB) -26.29 -17.63	Voltage Value Type peak AVG	
Factor = Antenne EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000 4824.000 7236.000	AI POWER ANALYSIS           21.2°C           960hPa           Mode 4           Meter Reading           (dBμV)           47.63           36.29           42.18	ED SPORTS CAMERA Factor (dB) 0.08 0.08 2.21	Emission Lo           (dBµV/m)           47.71           36.37           44.39	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74 54 74	58.6% Normal V Vertical Margin (dB) -26.29 -17.63 -29.61	Value Type Peak AVG peak	
Factor = Antenne EUT Name Femperature Pressure Fest Mode Frequency (MHz) 4824.000 4824.000 7236.000	AI POWER ANALYSIS           21.2°C           960hPa           Mode 4           Meter Reading           (dBμV)           47.63           36.29           42.18	ED SPORTS CAMERA Factor (dB) 0.08 0.08 2.21	Emission Lo           (dBµV/m)           47.71           36.37           44.39	Relative Test Volt Antenna	Humidity tage Polarity Limits (dBµV/m) 74 54 74	58.6% Normal V Vertical Margin (dB) -26.29 -17.63 -29.61	Value Type Peak AVG peak	

## **Radiated Emissions Test Results above 1GHz**

## **RESULT: Pass**



## **Radiated Emissions Test Results above 1GHz**

EUT Name	_	/ERED SPORTS SIS CAMERA		Mode	I Name		CERBE	RUS	
Temperature	21.2°C			Relat	ive Humidity		58.6%		
Pressure	960hPa	1		Test Voltage			Normal Voltage		
Test Mode	Mode 5	Mode 5		Antenna Polarity			Horizon	tal	
Frequency	Meter Readin	ng Factor	Emission		Limits		Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/ı	m)	(dBµV/m)		(dB)		
4874.000	48.37	0.14	48.51	1	74		-25.49	peak	
4874.000	37.22	0.14	37.36	6	54		-16.64	AVG	
7311.000	42.39	2.36	44.75	5	74		-29.25	peak	
7311.000	36.05	2.36	38.41	1	54		-15.59	AVG	
Factor = Ante	AI POW	Cable Loss – Pre /ERED SPORTS SIS CAMERA		Mode	I Name		CERBE	RUS	
Temperature	21.2°C			Relat	ive Humidity		58.6%		
Pressure	960hPa	l		Test \	/oltage		Normal	Voltage	
Test Mode	Mode 5			Anter	nna Polarity		Vertical		
					1				
	Meter Reading	Factor	Emission Le		Limits (dBµV/m)		Margin (dB)	Value Type	
Frequency			(~Du//~)				(UD)		
(MHz)	(dBµV)	(dB)	(dBµV/m)	)			27.02	neak	
(MHz) 4874.000	45.94	0.14	46.08	)	74		-27.92	peak AVG	
(MHz) 4874.000 4874.000	45.94 36.51	0.14	46.08 36.65	)	74 54		-17.35	AVG	
(MHz) 4874.000 4874.000 7311.000	45.94 36.51 42.18	0.14 0.14 2.36	46.08 36.65 44.54	)	74 54 74		-17.35 -29.46	-	
(MHz) 4874.000 4874.000	45.94 36.51	0.14	46.08 36.65		74 54		-17.35	AVG peak	
(MHz) 4874.000 4874.000 7311.000	45.94 36.51 42.18	0.14 0.14 2.36	46.08 36.65 44.54		74 54 74		-17.35 -29.46	AVG peak	
(MHz) 4874.000 4874.000 7311.000 7311.000 Remark:	45.94 36.51 42.18 32.56	0.14 0.14 2.36	46.08 36.65 44.54 34.92		74 54 74		-17.35 -29.46	AVG peak	

## **RESULT: Pass**



## **Radiated Emissions Test Results above 1GHz**

EUT Name		AI POWERED SPORTS ANALYSIS CAMERA			Name	CERBERUS		
Temperature	21.2°C			Relativ	ve Humidity	58.6%		
Pressure	960hPa	Pa			oltage	Normal Voltage		
Test Mode	Mode 6	6 Antenn		na Polarity	Horizontal			
	1	1						
Frequency	Meter Reading	Factor		on Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBp	uV/m)	(dBµV/m)	(dB)	value Type	
4924.000	47.54	0.22	47	7.76	74	-26.24	peak	
4924.000	38.42	0.22	38	8.64	54	-15.36	AVG	
7386.000	41.26	2.64	4:	3.9	74	-30.1	peak	
7386.000	32.85	2.64	35	5.49	54	-18.51	AVG	
Remark:								
Factor = Anter	ina Factor + Cab	<u>le Loss – Pre-</u>	amplifier.					
-		ED SPORTS	amplifier.		Name	CERBERI	JS	
EUT Name	AI POWER	ED SPORTS	amplifier.	Model	Name ve Humidity	CERBERU 58.6%	JS	
EUT Name Temperature Pressure	AI POWER ANALYSIS	ED SPORTS	amplifier.	Model	ve Humidity			
EUT Name Temperature Pressure	AI POWER ANALYSIS 21.2°C	ED SPORTS	amplifier.	Model Relativ Test V	ve Humidity	58.6%		
EUT Name Temperature Pressure Test Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 6	ED SPORTS		Model Relativ Test V Anten	ve Humidity oltage na Polarity	58.6% Normal Vo Vertical	bltage	
EUT Name Temperature Pressure	AI POWER ANALYSIS 21.2°C 960hPa	ED SPORTS CAMERA	Emissi	Model Relativ Test V Anten	ve Humidity oltage	58.6% Normal Vo		
EUT Name Temperature Pressure Test Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading	ED SPORTS CAMERA	Emissio (dBp	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits (dBµV/m)	58.6% Normal Vo Vertical	bltage	
EUT Name Temperature Pressure Test Mode	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading (dBµV)	ED SPORTS CAMERA Factor (dB)	Emissio (dBµ 46	Model Relativ Test V Anten on Level	ve Humidity oltage na Polarity Limits	58.6% Normal Vo Vertical Margin (dB)	Value Type	
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4924.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading (dBµV) 46.11	ED SPORTS CAMERA Factor (dB) 0.22	Emissio (dBµ 46 38	Model Relativ Test V Anten	ve Humidity oltage na Polarity Limits (dBµV/m) 74	58.6% Normal Vo Vertical Margin (dB) -27.67	Value Type	
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4924.000 4924.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading (dBµV) 46.11 38.53	ED SPORTS CAMERA Factor (dB) 0.22 0.22	Emissi (dBµ 46 38 43	Model Relativ Test V Anten on Level JV/m) 3.33 5.75	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54	58.6% Normal Vo Vertical Margin (dB) -27.67 -15.25	Value Type peak AVG	
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4924.000 4924.000 7386.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading (dBµV) 46.11 38.53 40.77	ED SPORTS CAMERA Factor (dB) 0.22 0.22 2.64	Emissi (dBµ 46 38 43	Model Relativ Test V Anten On Level JV/m) 5.33 3.75 5.41	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	58.6% Normal Vo Vertical Margin (dB) -27.67 -15.25 -30.59	Value Type Peak AVG peak	
EUT Name Temperature Pressure Test Mode Frequency (MHz) 4924.000 4924.000 7386.000	AI POWER ANALYSIS 21.2°C 960hPa Mode 6 Meter Reading (dBµV) 46.11 38.53 40.77	ED SPORTS CAMERA Factor (dB) 0.22 0.22 2.64	Emissi (dBµ 46 38 43	Model Relativ Test V Anten On Level JV/m) 5.33 3.75 5.41	ve Humidity oltage na Polarity Limits (dBµV/m) 74 54 74	58.6% Normal Vo Vertical Margin (dB) -27.67 -15.25 -30.59	Value Type Peak AVG peak	

## **RESULT: Pass**

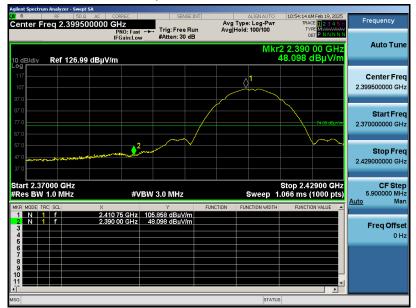
#### Note:

- 1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
- 2. Factor = Antenna Factor + Cable loss Pre-amplifier gain, Margin = Emission Level-Limit.
- 3. The "Factor" value can be calculated automatically by software of measurement system.
- 4. All test modes had been pre-tested. The ANT 1 of mode 802.11g is the worst case and recorded in the report.



EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**

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.

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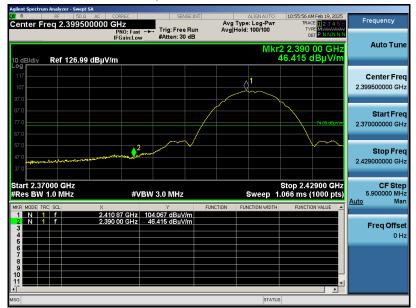
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 Tel: +86-755 2523 4088
 E-mail: agc@agccert.com



EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**

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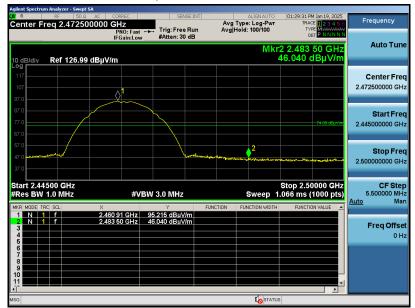
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 E-mail: agc@agccert.com

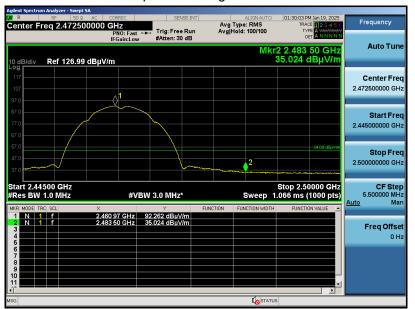


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

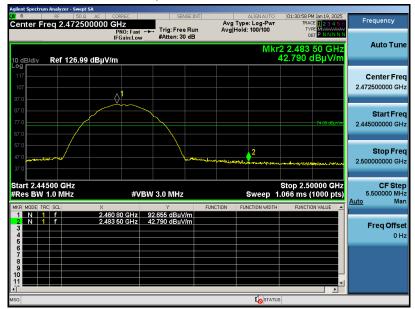


## **RESULT: Pass**

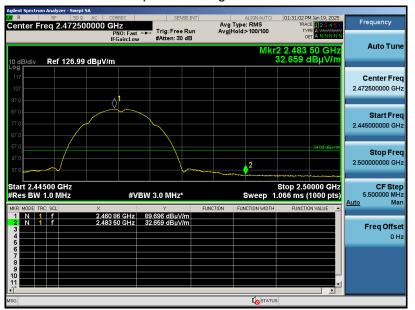


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**

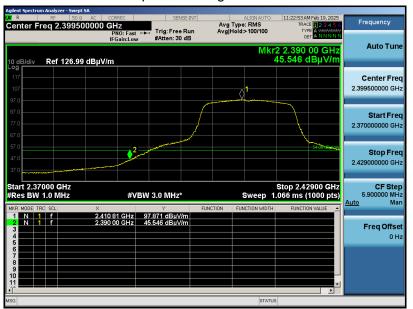


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**

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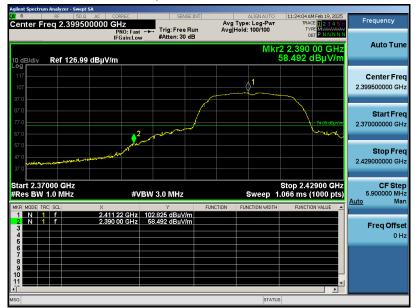
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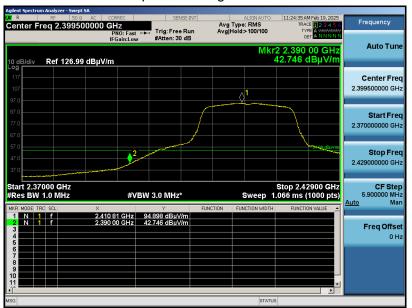


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

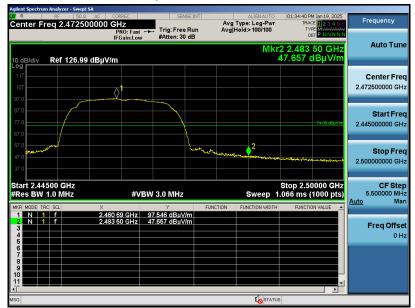


## **RESULT: Pass**

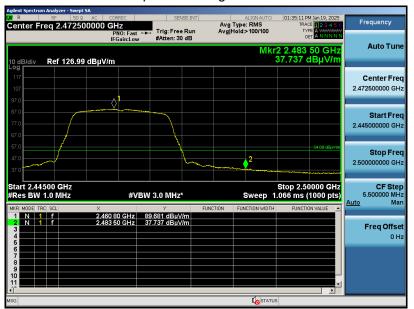


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**

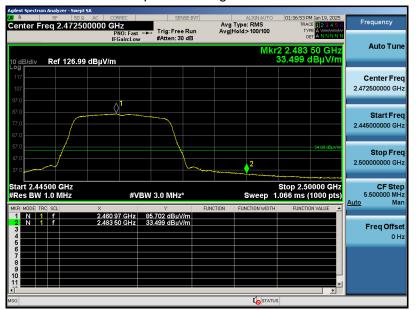


EUT Name	AI POWERED SPORTS ANALYSIS CAMERA	Model Name	CERBERUS
Temperature	21.2°C	Relative Humidity	58.6%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



## **RESULT: Pass**