

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	0	5745	19.38	1.11
	157		5785	19.59	1.1
	165		5825	19.36	1.12
IEEE 802.11n_20	149		5745	19.79	1.12
	157		5785	19.86	1.12
	165		5825	20.11	1.11
IEEE 802.11n_40	151		5755	40.02	1.06
	159		5795	39.95	1.05
IEEE 802.11ac_20	149		5745	20.05	1.11
	157		5785	20.02	1.11
	165		5825	19.94	1.12
IEEE 802.11ac_40	151		5755	40.98	1.06
	159	5795	40.89	1.04	
IEEE 802.11ac_80	155	5775	117.07	1.04	

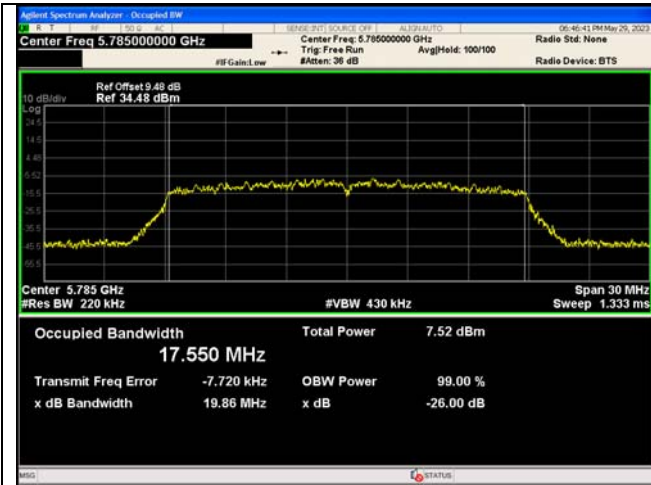
Test Graphs

**IEEE 802.11a\_Channel 149\_20MHz\_Antenna 0**

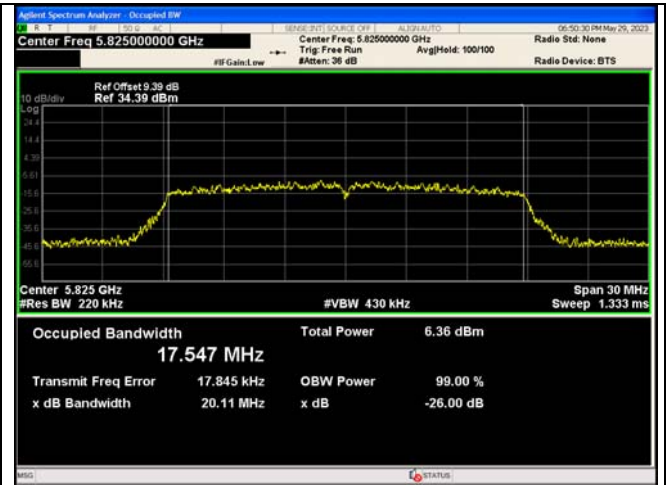
**IEEE 802.11a\_Channel 157\_20MHz\_Antenna 0**

**IEEE 802.11a\_Channel 165\_20MHz\_Antenna 0**

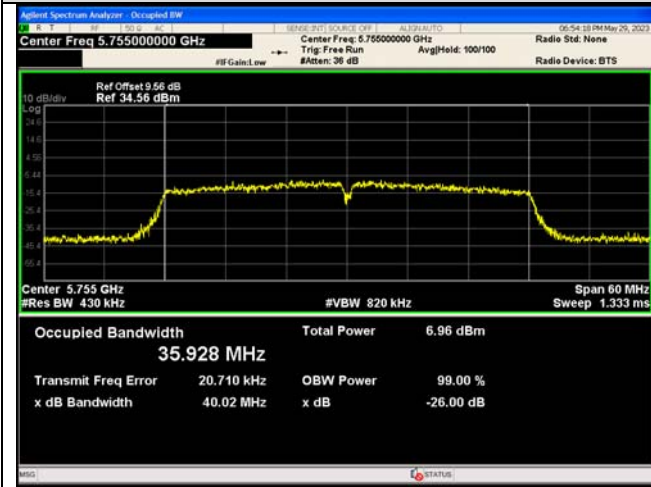
**IEEE 802.11n\_Channel 149\_20MHz\_Antenna 0**



IEEE 802.11n\_Channel 157\_20MHz\_Antenna 0



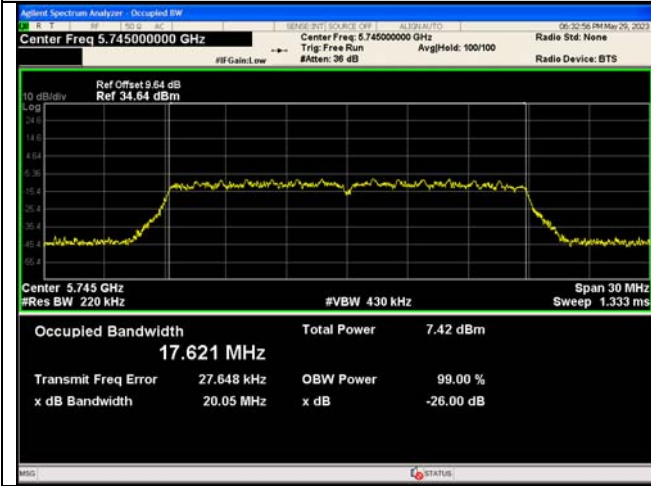
IEEE 802.11n\_Channel 165\_20MHz\_Antenna 0



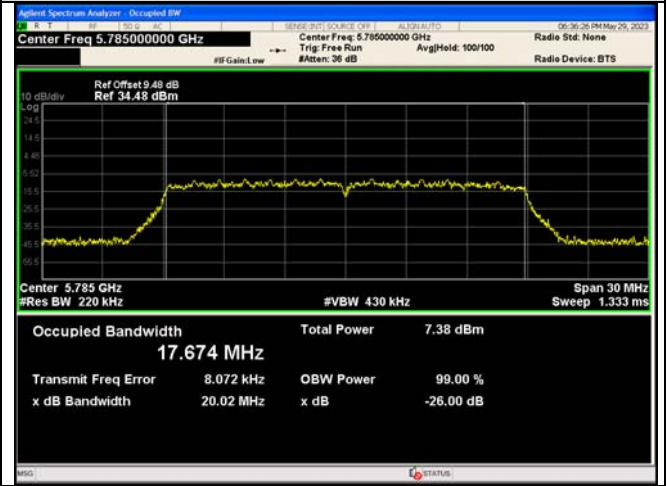
IEEE 802.11n\_Channel 151\_40MHz\_Antenna 0



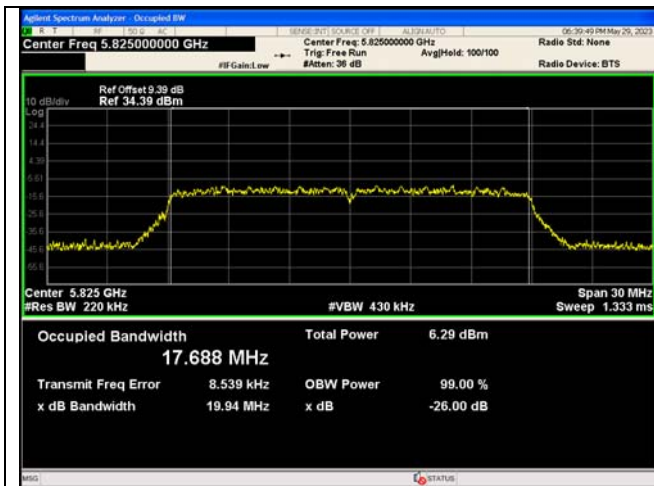
IEEE 802.11n\_Channel 159\_40MHz\_Antenna 0



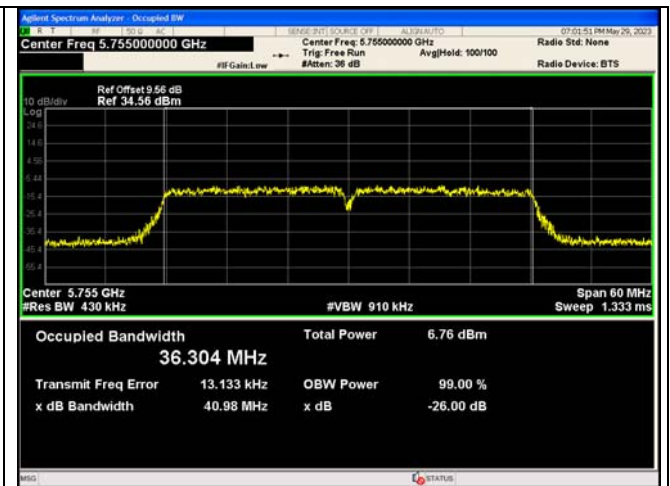
IEEE 802.11ac\_Channel 149\_20MHz\_Antenna 0



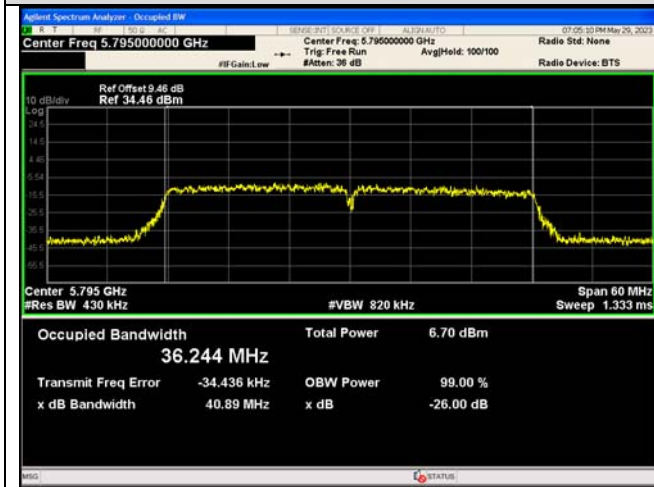
IEEE 802.11ac\_Channel 157\_20MHz\_Antenna 0



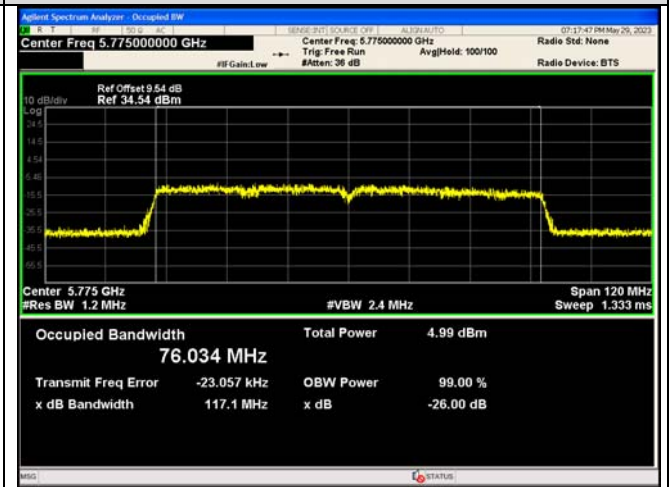
IEEE 802.11ac\_Channel 165\_20MHz\_Antenna 0



IEEE 802.11ac\_Channel 151\_40MHz\_Antenna 0



IEEE 802.11ac\_Channel 159\_40MHz\_Antenna 0

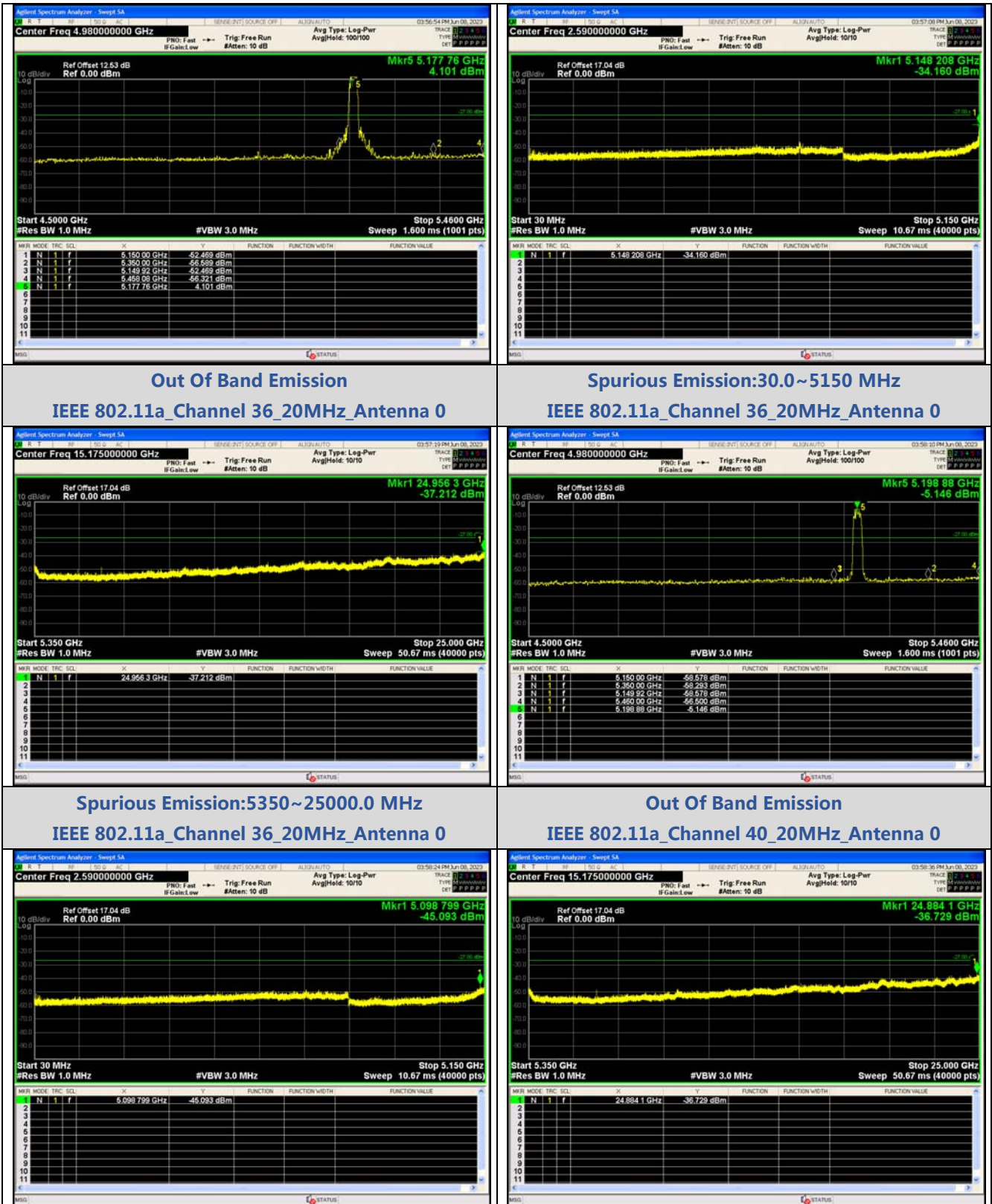


IEEE 802.11ac\_Channel 155\_80MHz\_Antenna 0

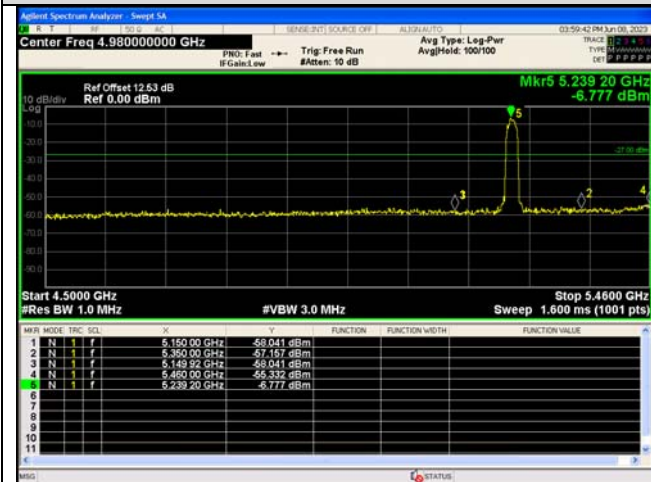
# APPENDIX VI. Conducted Out Of Band Emission

## Test Result

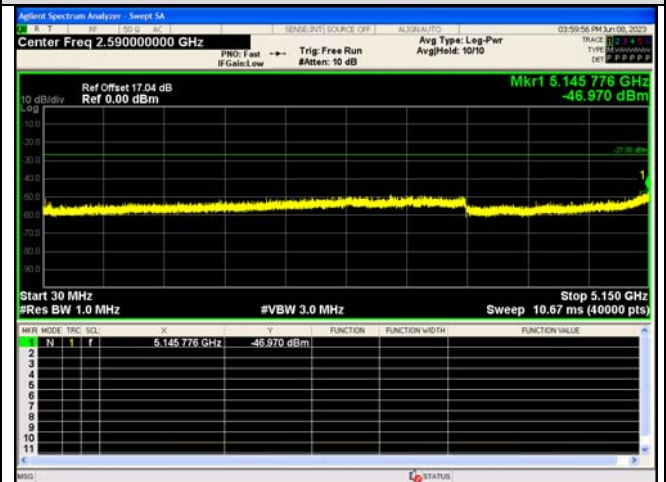
## Test Graphs



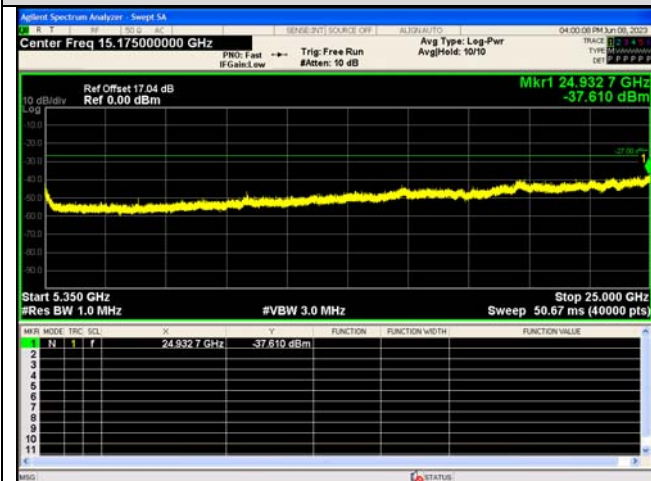
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a\_Channel 40\_20MHz\_Antenna 0



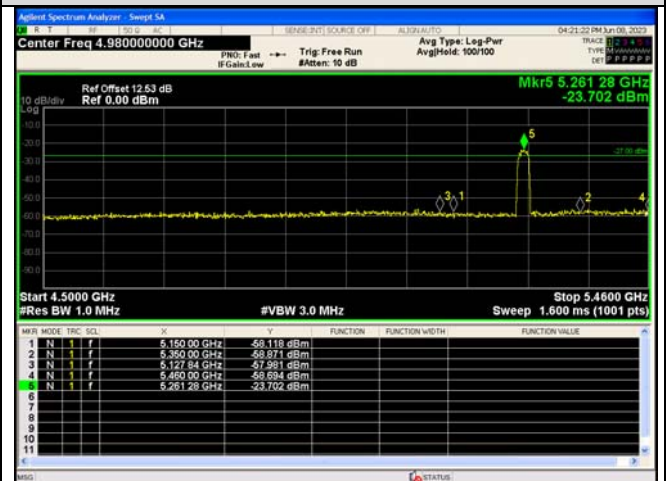
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a\_Channel 40\_20MHz\_Antenna 0



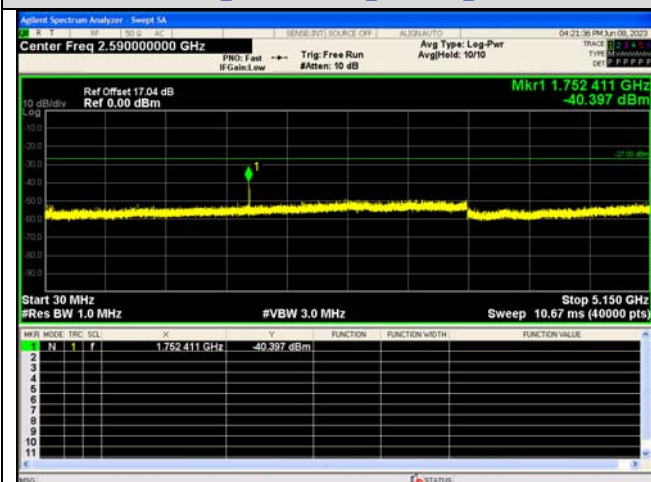
Out Of Band Emission  
IEEE 802.11a\_Channel 48\_20MHz\_Antenna 0



Spurious Emission:30.0~5150 MHz  
IEEE 802.11a\_Channel 48\_20MHz\_Antenna 0



Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a\_Channel 48\_20MHz\_Antenna 0



Out Of Band Emission  
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 0

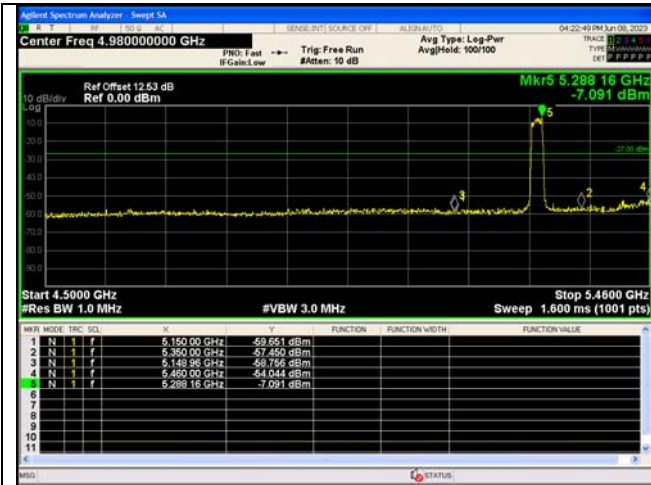


Spurious Emission:30.0~5150 MHz  
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 0

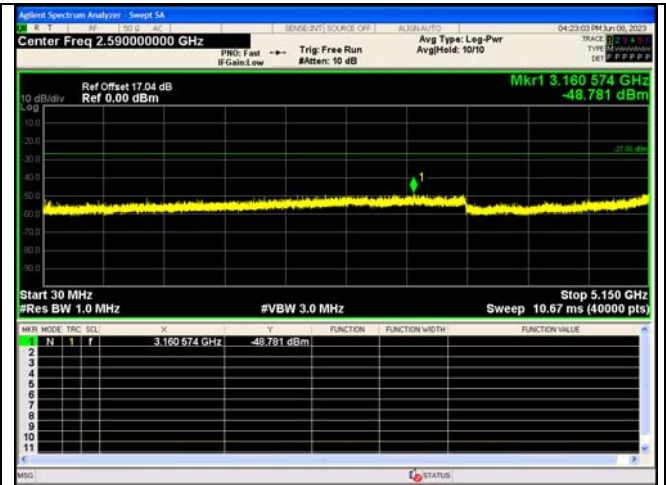


Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a\_Channel 52\_20MHz\_Antenna 0

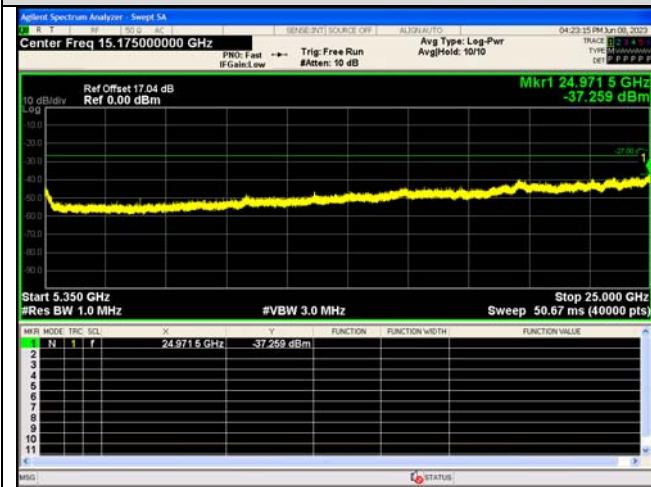




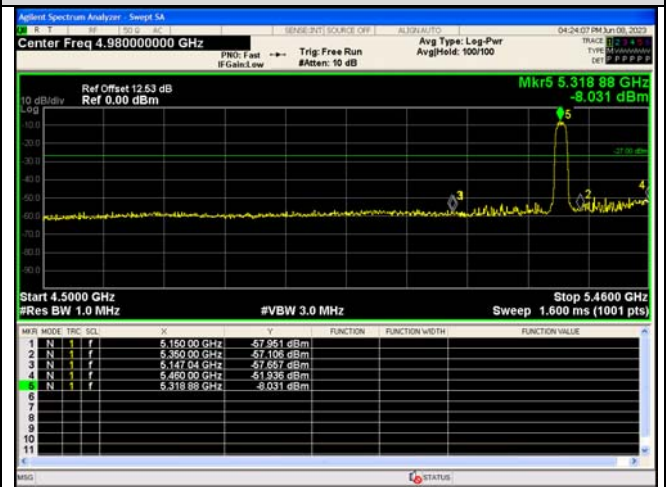
Out Of Band Emission  
IEEE 802.11a\_Channel 56\_20MHz\_Antenna 0



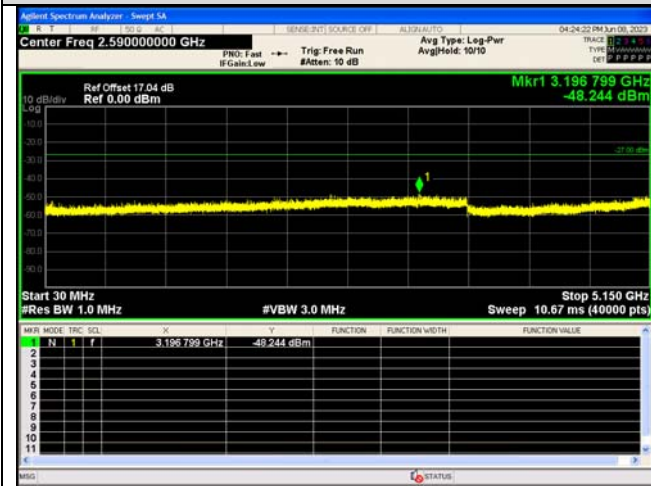
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a\_Channel 56\_20MHz\_Antenna 0



Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a\_Channel 56\_20MHz\_Antenna 0



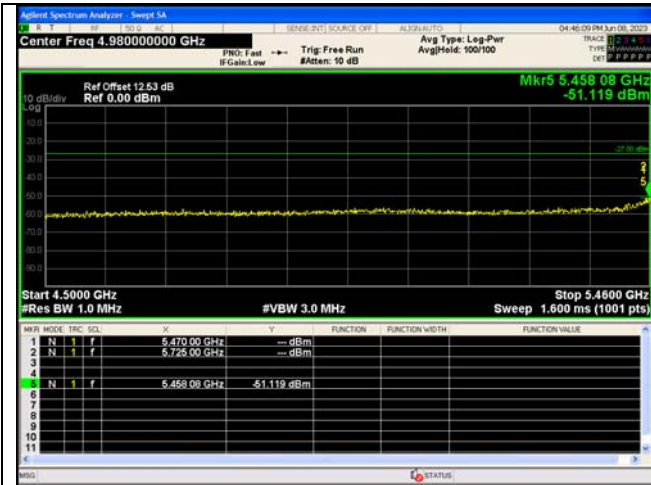
Out Of Band Emission  
IEEE 802.11a\_Channel 64\_20MHz\_Antenna 0



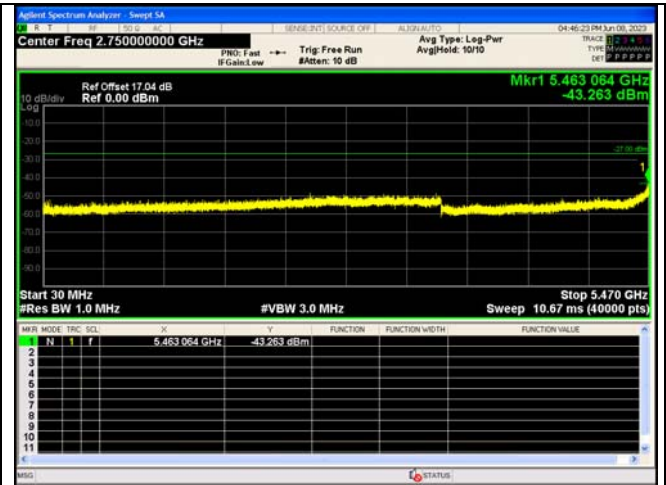
Spurious Emission:30.0~5150 MHz  
IEEE 802.11a\_Channel 64\_20MHz\_Antenna 0



Spurious Emission:5350~25000.0 MHz  
IEEE 802.11a\_Channel 64\_20MHz\_Antenna 0



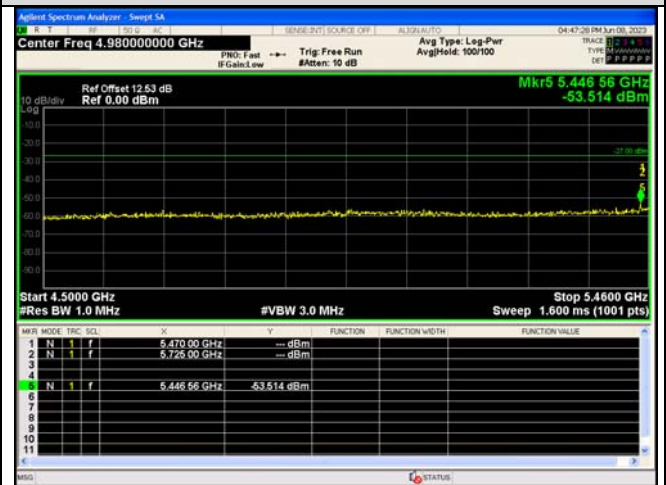
**Out Of Band Emission**  
IEEE 802.11a\_Channel 100\_20MHz\_Antenna 0



**Spurious Emission:30.0~5470 MHz**  
IEEE 802.11a\_Channel 100\_20MHz\_Antenna 0



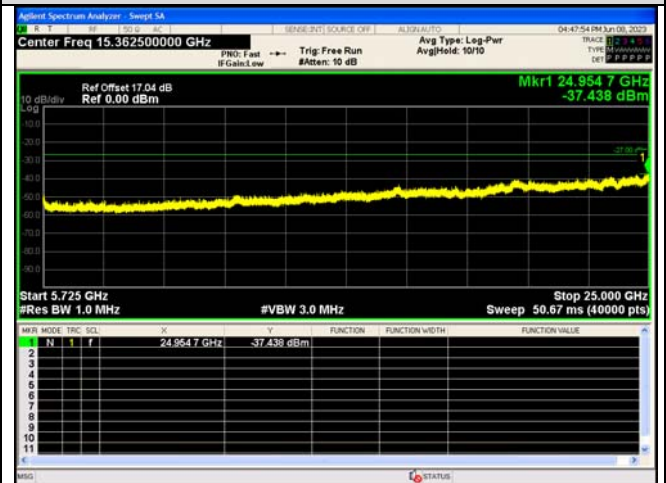
**Spurious Emission:5725~25000.0 MHz**  
IEEE 802.11a\_Channel 100\_20MHz\_Antenna 0



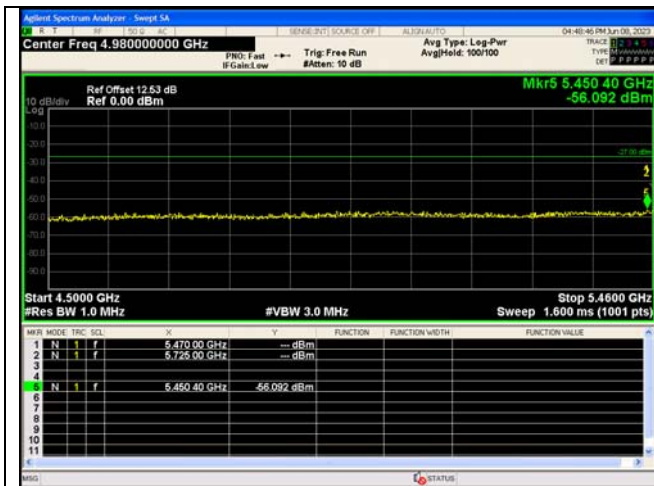
**Out Of Band Emission**  
IEEE 802.11a\_Channel 120\_20MHz\_Antenna 0



**Spurious Emission:30.0~5470 MHz**  
IEEE 802.11a\_Channel 120\_20MHz\_Antenna 0

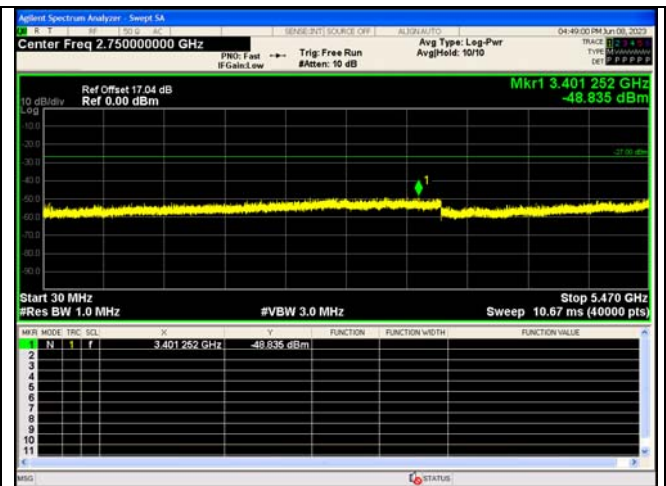


**Spurious Emission:5725~25000.0 MHz**  
IEEE 802.11a\_Channel 120\_20MHz\_Antenna 0



**Out Of Band Emission**

**IEEE 802.11a\_Channel 140\_20MHz\_Antenna 0**



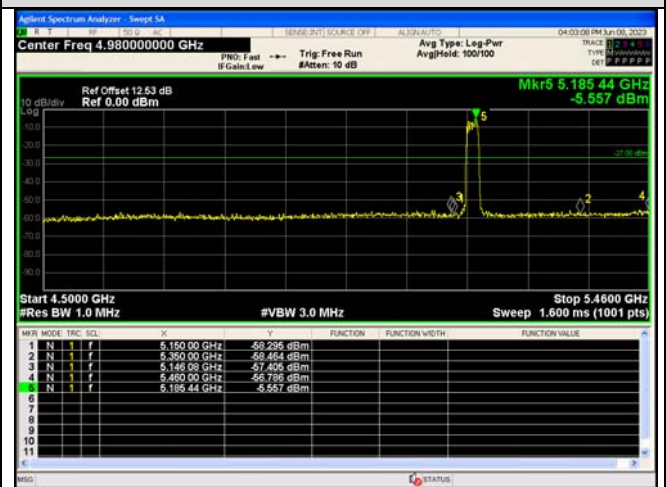
**Spurious Emission:30.0~5470 MHz**

**IEEE 802.11a\_Channel 140\_20MHz\_Antenna 0**



**Spurious Emission:5725~25000.0 MHz**

**IEEE 802.11a\_Channel 140\_20MHz\_Antenna 0**



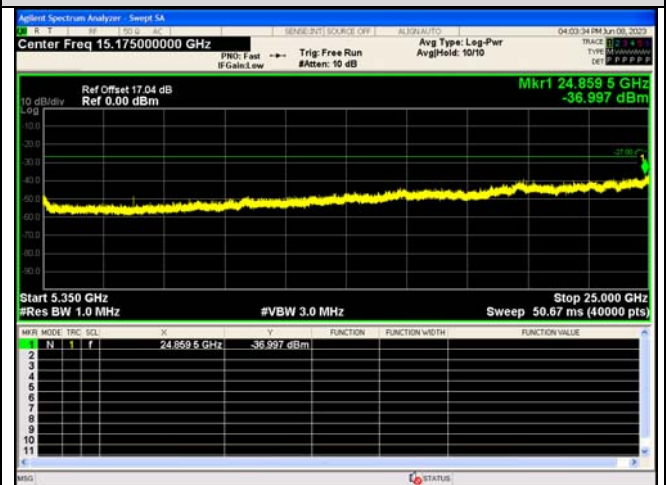
**Out Of Band Emission**

**IEEE 802.11n\_Channel 36\_20MHz\_Antenna 0**



**Spurious Emission:30.0~5150 MHz**

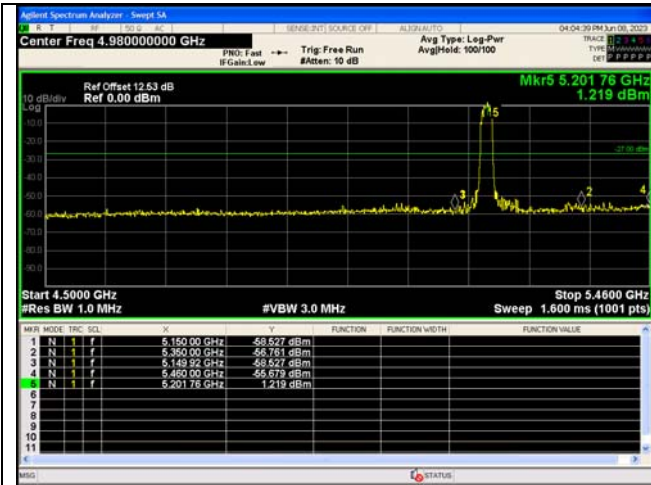
**IEEE 802.11n\_Channel 36\_20MHz\_Antenna 0**



**Spurious Emission:5350~25000.0 MHz**

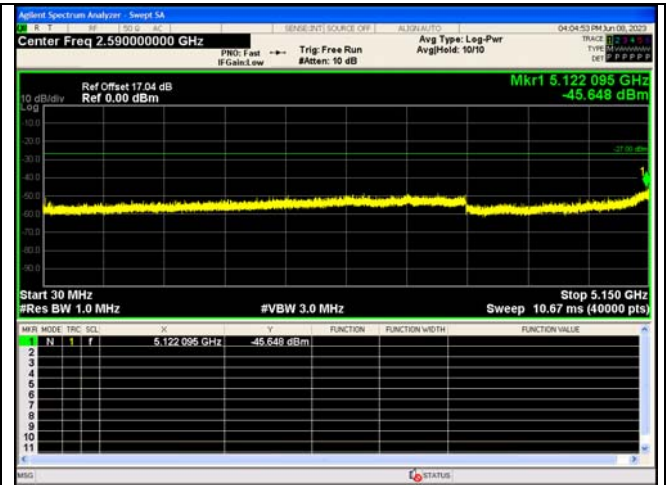
**IEEE 802.11n\_Channel 36\_20MHz\_Antenna 0**





**Out Of Band Emission**

**IEEE 802.11n\_Channel 40\_20MHz\_Antenna 0**



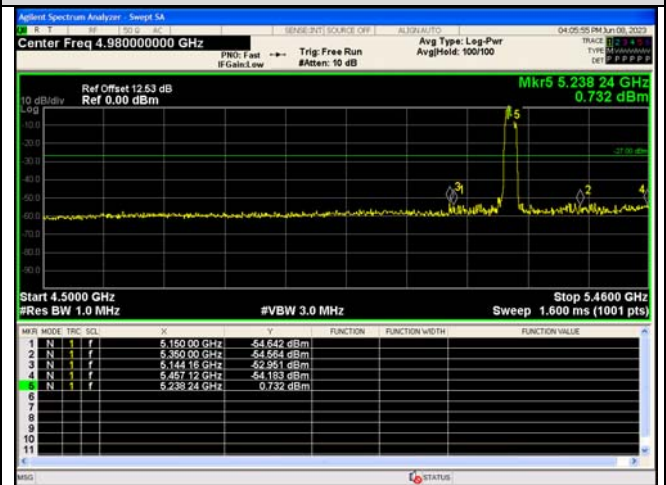
**Spurious Emission:30.0~5150 MHz**

**IEEE 802.11n\_Channel 40\_20MHz\_Antenna 0**



**Spurious Emission:5350~25000.0 MHz**

**IEEE 802.11n\_Channel 40\_20MHz\_Antenna 0**



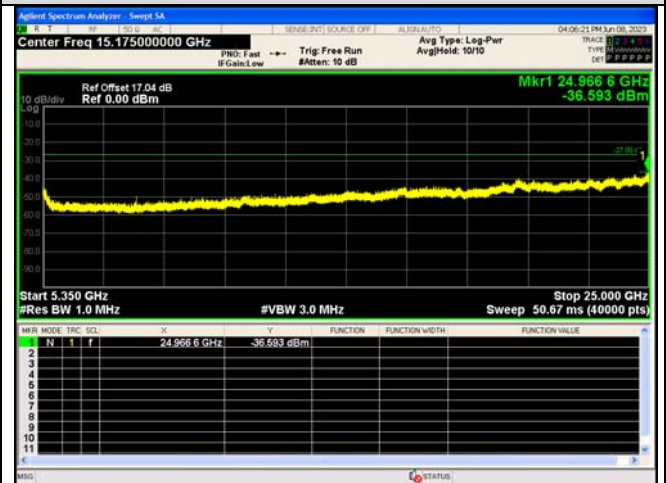
**Out Of Band Emission**

**IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0**



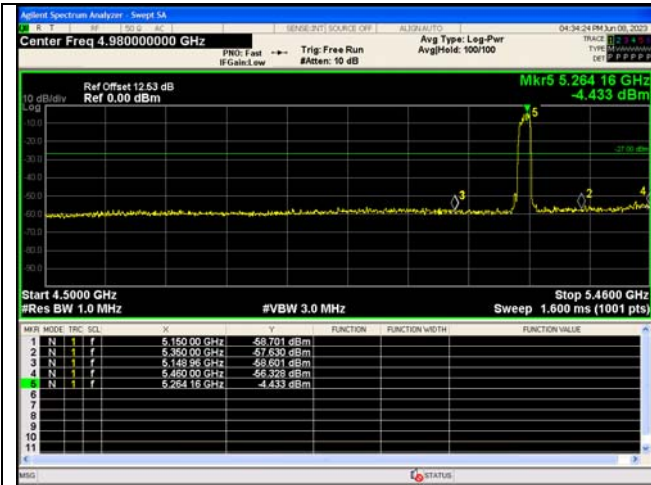
**Spurious Emission:30.0~5150 MHz**

**IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0**

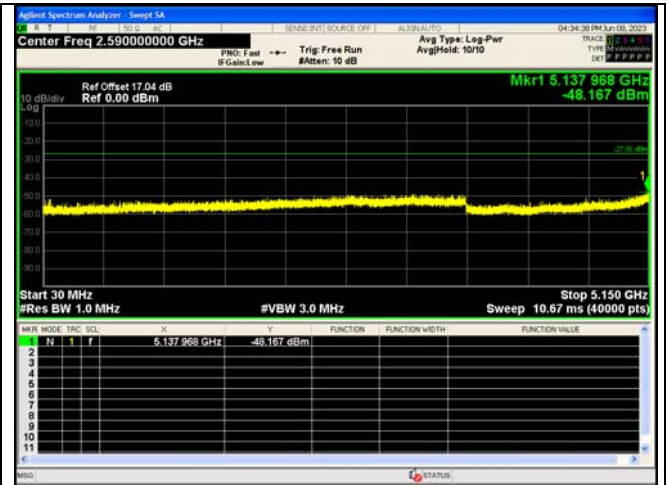


**Spurious Emission:5350~25000.0 MHz**

**IEEE 802.11n\_Channel 48\_20MHz\_Antenna 0**



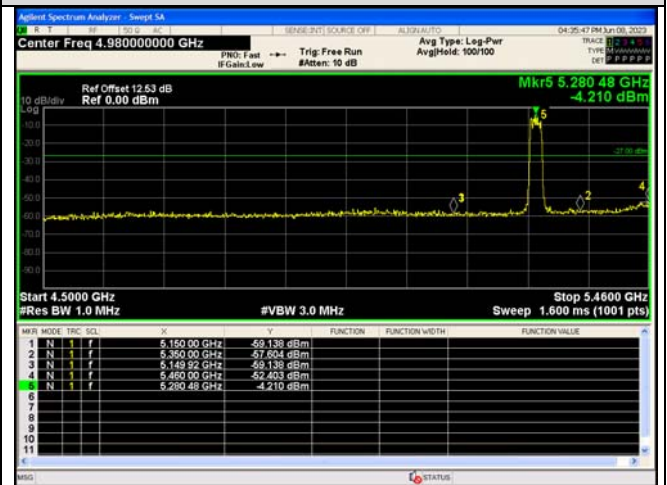
Out Of Band Emission  
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



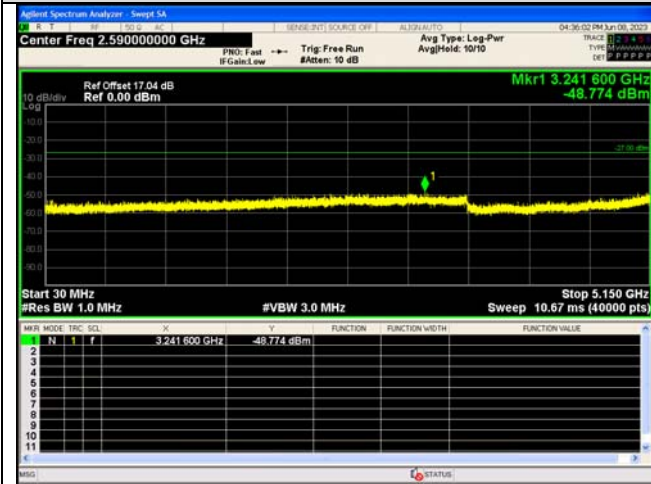
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



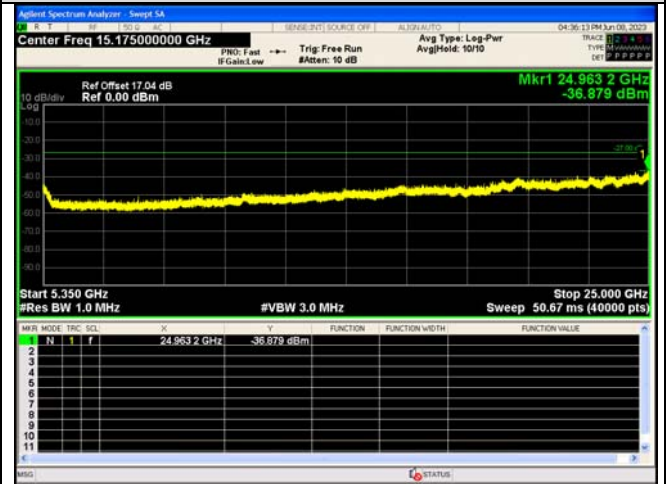
Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n\_Channel 52\_20MHz\_Antenna 0



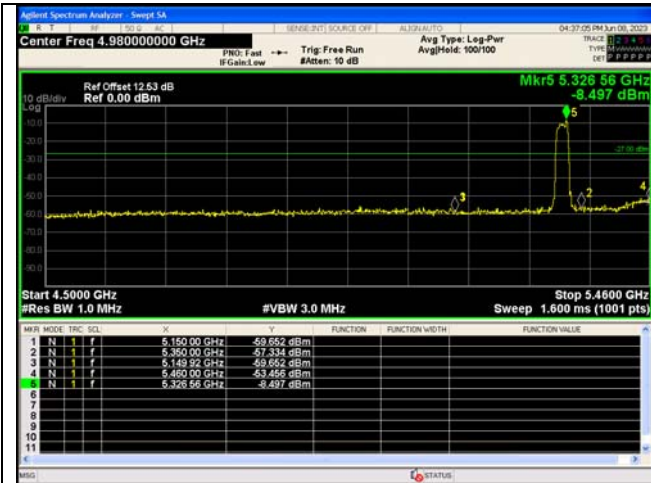
Out Of Band Emission  
IEEE 802.11n\_Channel 56\_20MHz\_Antenna 0



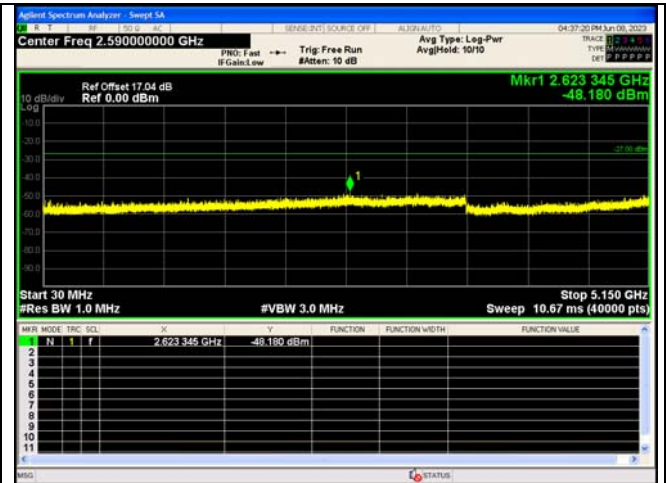
Spurious Emission:30.0~5150 MHz  
IEEE 802.11n\_Channel 56\_20MHz\_Antenna 0



Spurious Emission:5350~25000.0 MHz  
IEEE 802.11n\_Channel 56\_20MHz\_Antenna 0



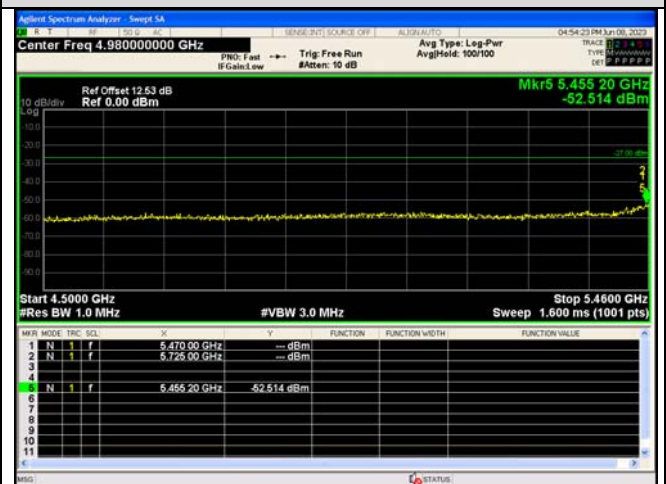
**Out Of Band Emission**  
IEEE 802.11n\_Channel 64\_20MHz\_Antenna 0



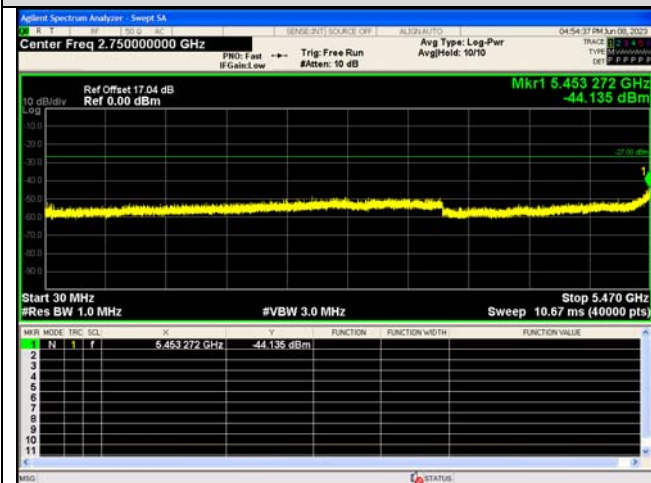
**Spurious Emission:30.0~5150 MHz**  
IEEE 802.11n\_Channel 64\_20MHz\_Antenna 0



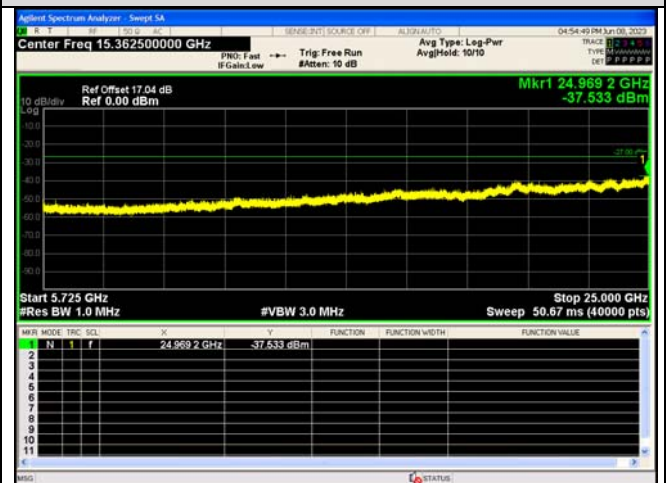
**Spurious Emission:5350~25000.0 MHz**  
IEEE 802.11n\_Channel 64\_20MHz\_Antenna 0



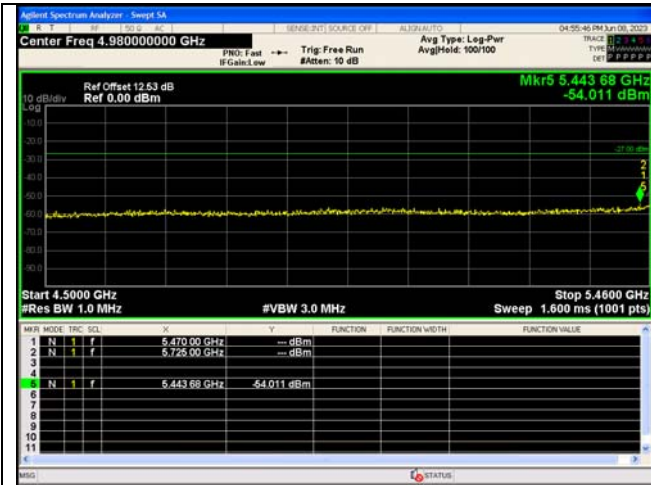
**Out Of Band Emission**  
IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0



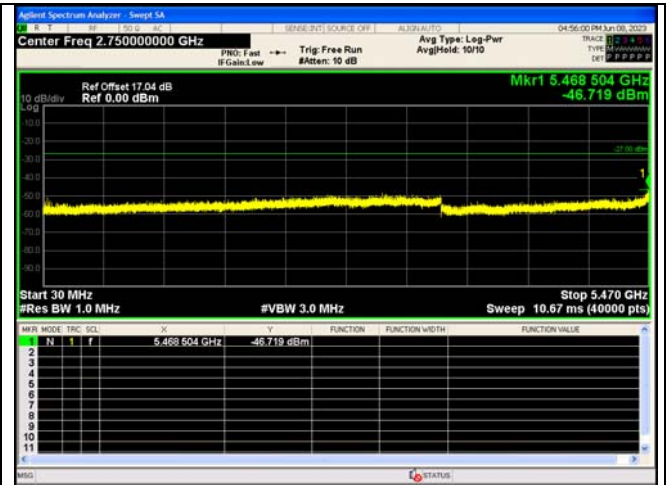
**Spurious Emission:30.0~5470 MHz**  
IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0



**Spurious Emission:5725~25000.0 MHz**  
IEEE 802.11n\_Channel 100\_20MHz\_Antenna 0



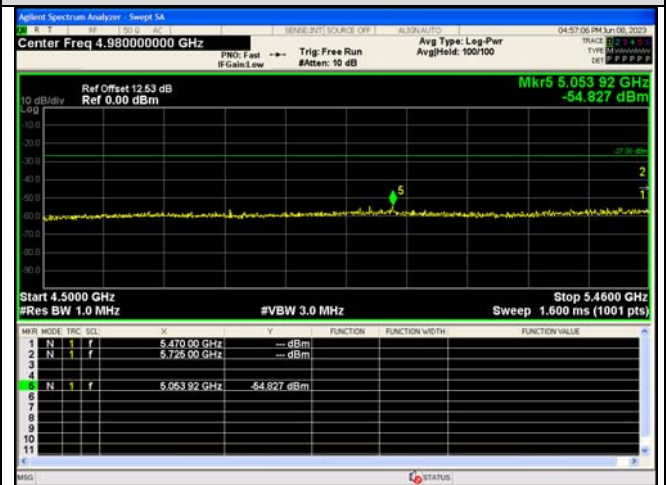
**Out Of Band Emission**  
**IEEE 802.11n\_Channel 120\_20MHz\_Antenna 0**



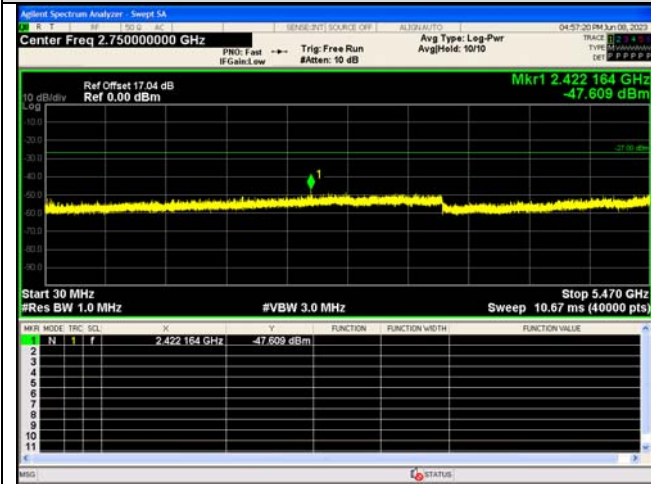
**Spurious Emission:30.0~5470 MHz**  
**IEEE 802.11n\_Channel 120\_20MHz\_Antenna 0**



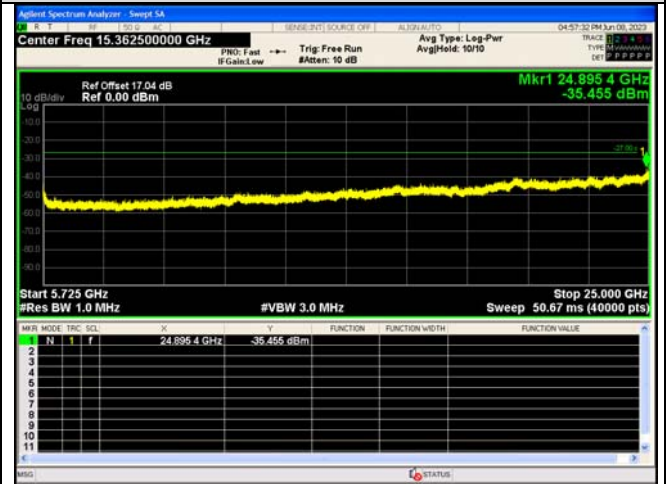
**Spurious Emission:5725~25000.0 MHz**  
**IEEE 802.11n\_Channel 120\_20MHz\_Antenna 0**



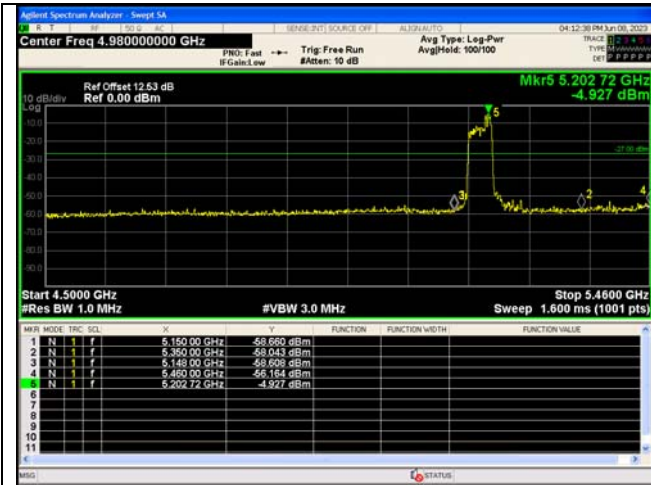
**Out Of Band Emission**  
**IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0**



**Spurious Emission:30.0~5470 MHz**  
**IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0**



**Spurious Emission:5725~25000.0 MHz**  
**IEEE 802.11n\_Channel 140\_20MHz\_Antenna 0**



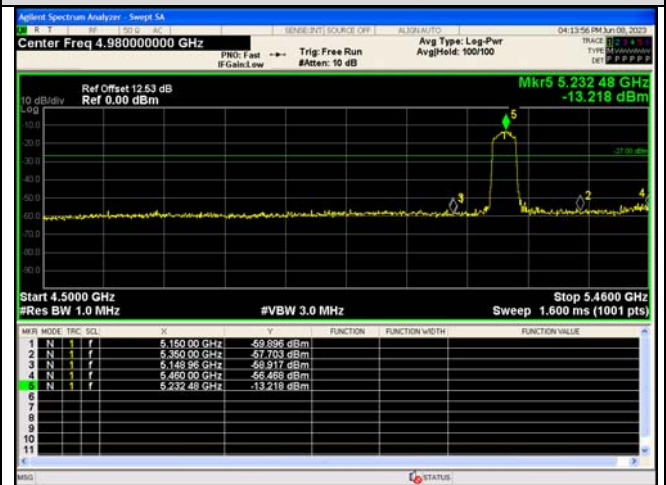
**Out Of Band Emission**  
**IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0**



**Spurious Emission:30.0~5150 MHz**  
**IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0**



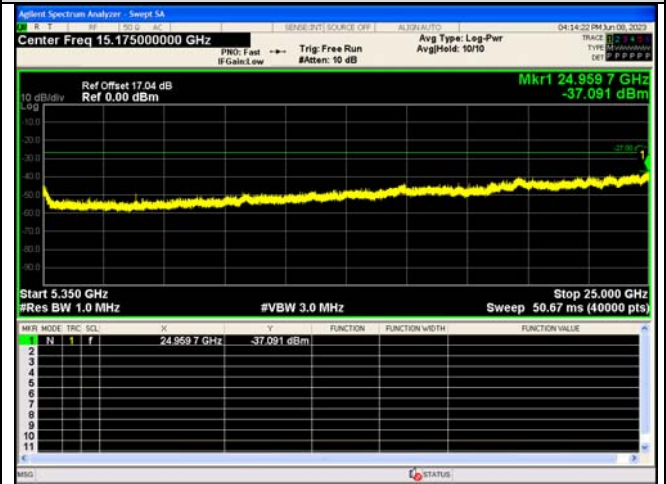
**Spurious Emission:5350~25000.0 MHz**  
**IEEE 802.11n\_Channel 38\_40MHz\_Antenna 0**



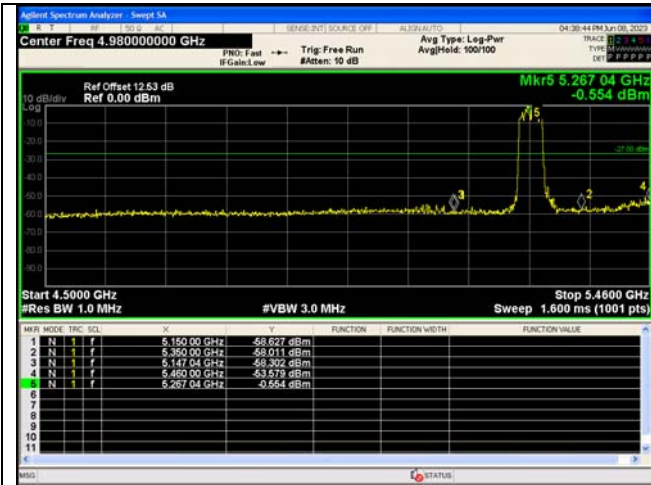
**Out Of Band Emission**  
**IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0**



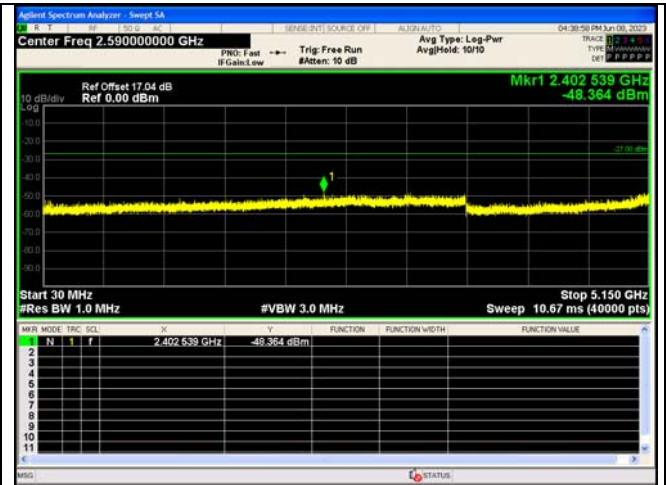
**Spurious Emission:30.0~5150 MHz**  
**IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0**



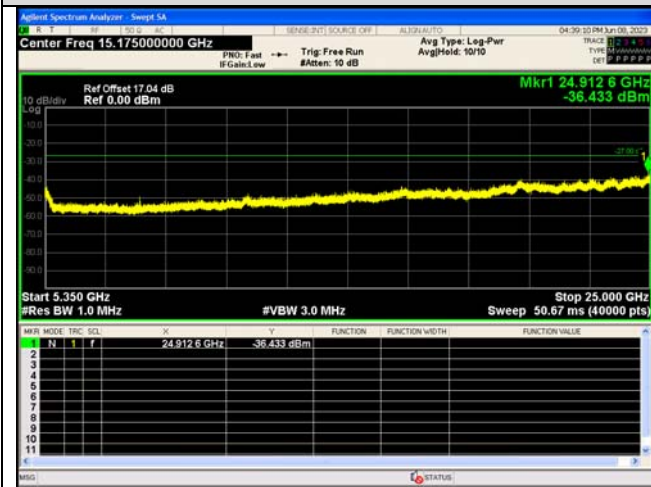
**Spurious Emission:5350~25000.0 MHz**  
**IEEE 802.11n\_Channel 46\_40MHz\_Antenna 0**



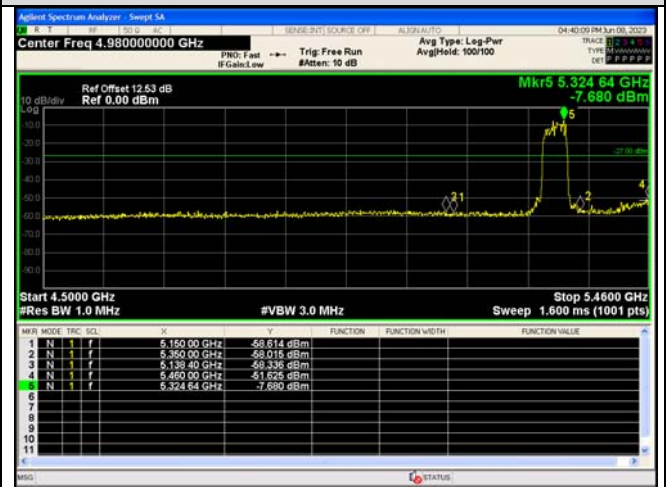
**Out Of Band Emission**  
IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



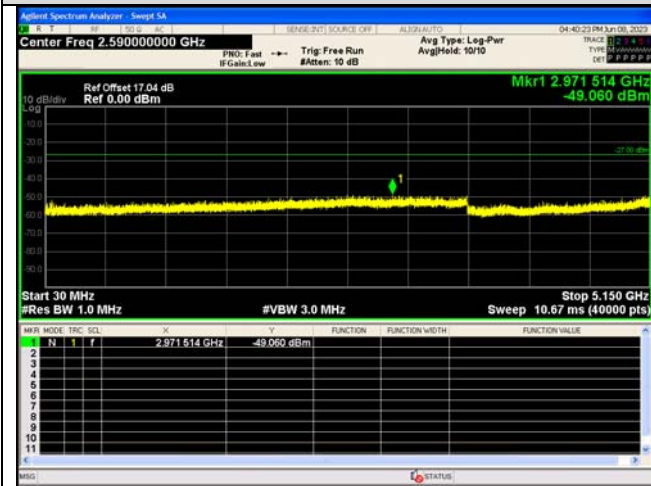
**Spurious Emission:30.0~5150 MHz**  
IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



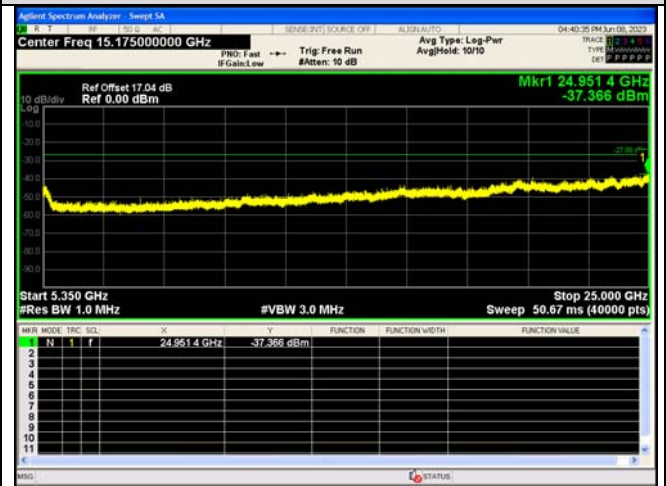
**Spurious Emission:5350~25000.0 MHz**  
IEEE 802.11n\_Channel 54\_40MHz\_Antenna 0



**Out Of Band Emission**  
IEEE 802.11n\_Channel 62\_40MHz\_Antenna 0



**Spurious Emission:30.0~5150 MHz**  
IEEE 802.11n\_Channel 62\_40MHz\_Antenna 0



**Spurious Emission:5350~25000.0 MHz**  
IEEE 802.11n\_Channel 62\_40MHz\_Antenna 0