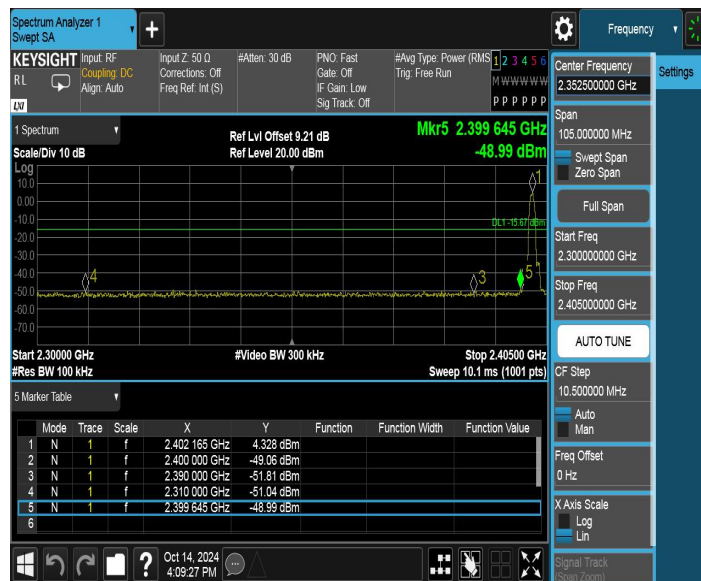
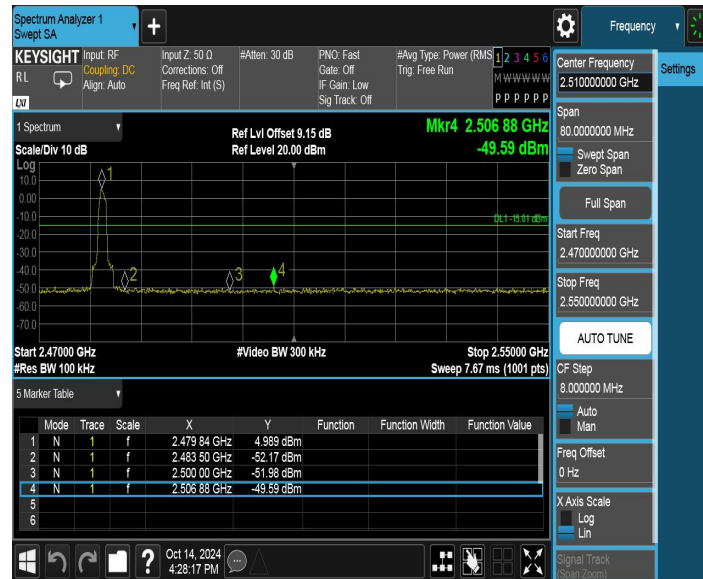


2DH5\_Ant1\_Low\_2402



2DH5\_Ant1\_High\_2480



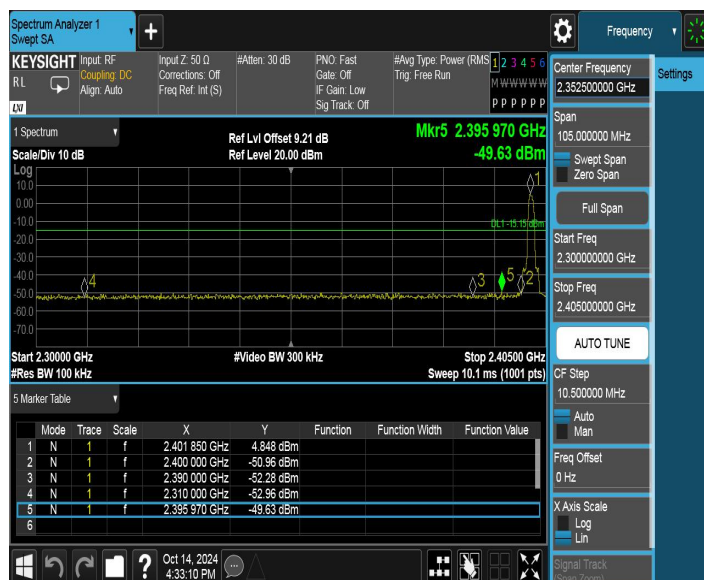
2DH5\_Ant1\_Low\_Hop\_2402



2DH5\_Ant1\_High\_Hop\_2480



3DH5\_Ant1\_Low\_2402



3DH5\_Ant1\_High\_2480



3DH5\_Ant1\_Low\_Hop\_2402



3DH5\_Ant1\_High\_Hop\_2480



## **7.8. Conducted Spurious Emissions Measurement**

### **7.8.1. Test Limit**

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

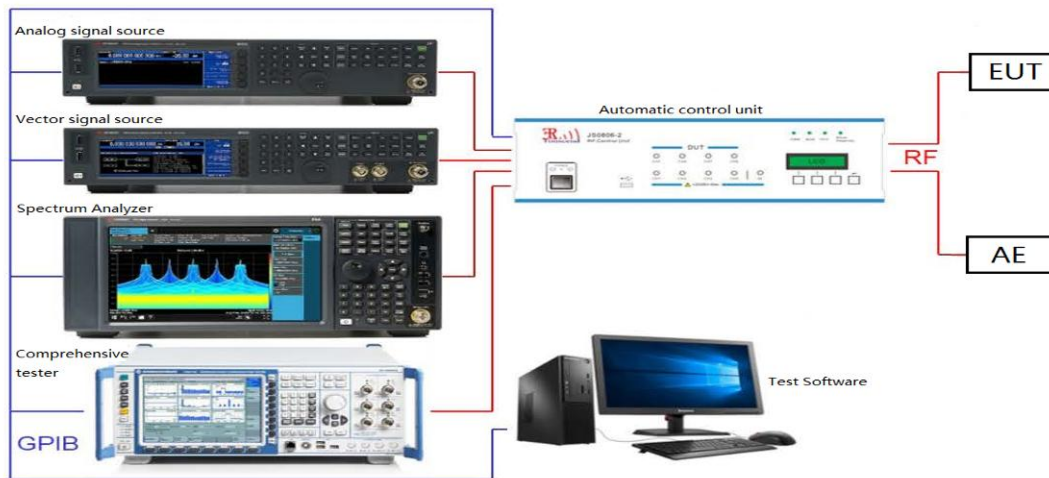
### **7.8.2. Test Procedure Used**

ANSI C63.10-2013 - Section 7.8.8

### **7.8.3. Test Setting**

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic.  
Typically, several plots are required to cover this entire span.
2. RBW = 100 KHz
3. VBW  $\geq$  RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

#### 7.8.4. Test Setup



### 7.8.5. Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.49	3.49	---	PASS
			30~1000	3.49	-61.21	≤-16.51	PASS
			1000~26500	3.49	-51.84	≤-16.51	PASS
		2441	Reference	3.71	3.71	---	PASS
			30~1000	3.71	-60.77	≤-16.29	PASS
			1000~26500	3.71	-52.56	≤-16.29	PASS
		2480	Reference	3.64	3.64	---	PASS
			30~1000	3.64	-61.02	≤-16.36	PASS
			1000~26500	3.64	-51.91	≤-16.36	PASS
2DH5	Ant1	2402	Reference	4.24	4.24	---	PASS
			30~1000	4.24	-59.39	≤-15.76	PASS
			1000~26500	4.24	-50.74	≤-15.76	PASS
		2441	Reference	4.43	4.43	---	PASS
			30~1000	4.43	-60.78	≤-15.57	PASS
			1000~26500	4.43	-48.69	≤-15.57	PASS
		2480	Reference	5.06	5.06	---	PASS
			30~1000	5.06	-61.57	≤-14.94	PASS
			1000~26500	5.06	-51.47	≤-14.94	PASS
3DH5	Ant1	2402	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-60.51	≤-15.24	PASS
			1000~26500	4.76	-51.87	≤-15.24	PASS
		2441	Reference	5.07	5.07	---	PASS
			30~1000	5.07	-60.97	≤-14.93	PASS
			1000~26500	5.07	-51.95	≤-14.93	PASS
		2480	Reference	5.01	5.01	---	PASS
			30~1000	5.01	-61.03	≤-14.99	PASS
			1000~26500	5.01	-50.52	≤-14.99	PASS

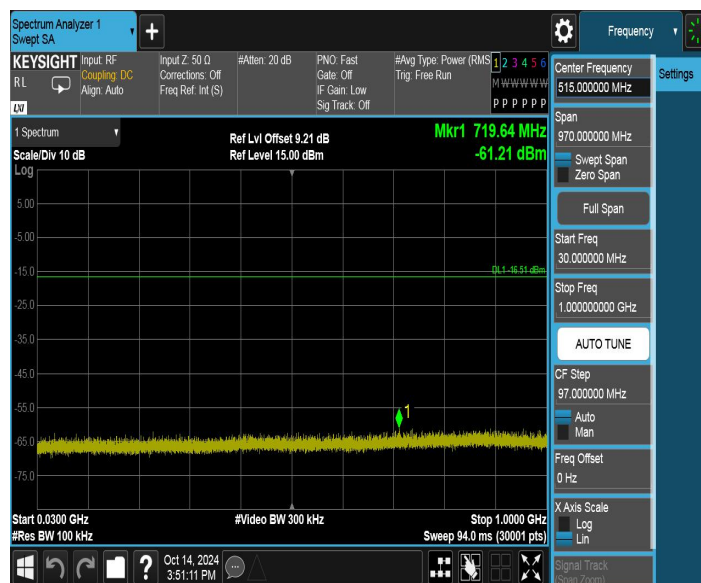


## Test Graphs

DH5\_Ant1\_2402\_0~Reference



DH5\_Ant1\_2402\_30~1000



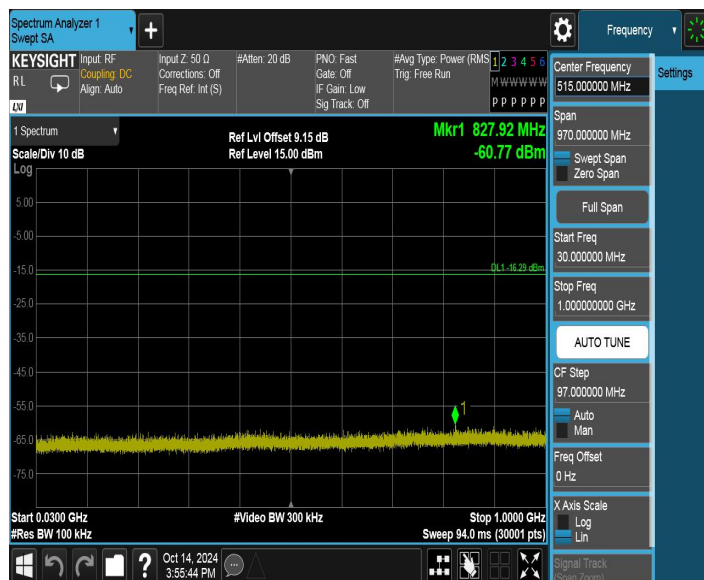
DH5\_Ant1\_2402\_1000~26500



DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000



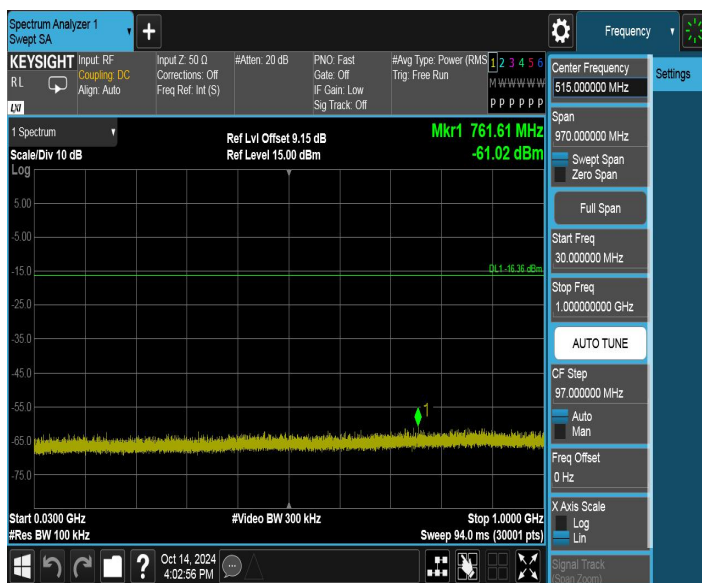
DH5\_Ant1\_2441\_1000~26500



DH5\_Ant1\_2480\_0~Reference



DH5\_Ant1\_2480\_30~1000



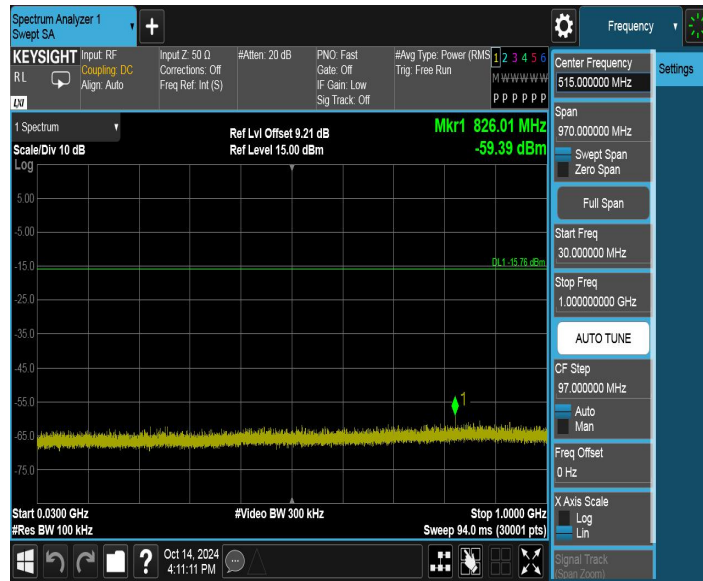
DH5\_Ant1\_2480\_1000~26500



2DH5\_Ant1\_2402\_0~Reference



2DH5\_Ant1\_2402\_30~1000



2DH5\_Ant1\_2402\_1000~26500



2DH5\_Ant1\_2441\_0~Reference



2DH5\_Ant1\_2441\_30~1000



2DH5\_Ant1\_2441\_1000~26500

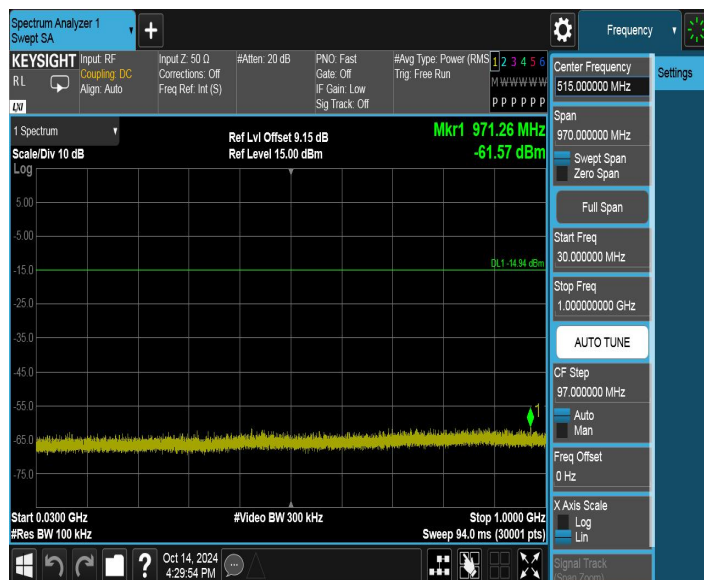


2DH5\_Ant1\_2480\_0~Reference



2DH5\_Ant1\_2480\_30~1000





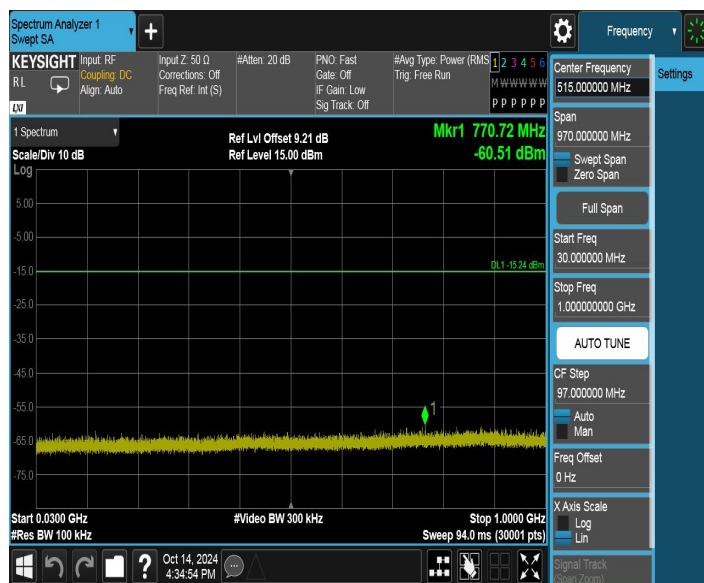
2DH5\_Ant1\_2480\_1000~26500



3DH5\_Ant1\_2402\_0~Reference



3DH5\_Ant1\_2402\_30~1000



3DH5\_Ant1\_2402\_1000~26500



3DH5\_Ant1\_2441\_0~Reference



3DH5\_Ant1\_2441\_30~1000



3DH5\_Ant1\_2441\_1000~26500



3DH5\_Ant1\_2480\_0~Reference