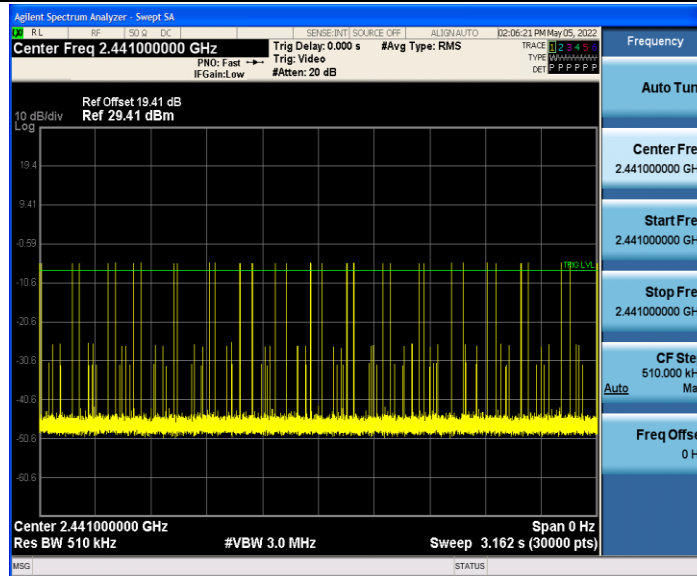
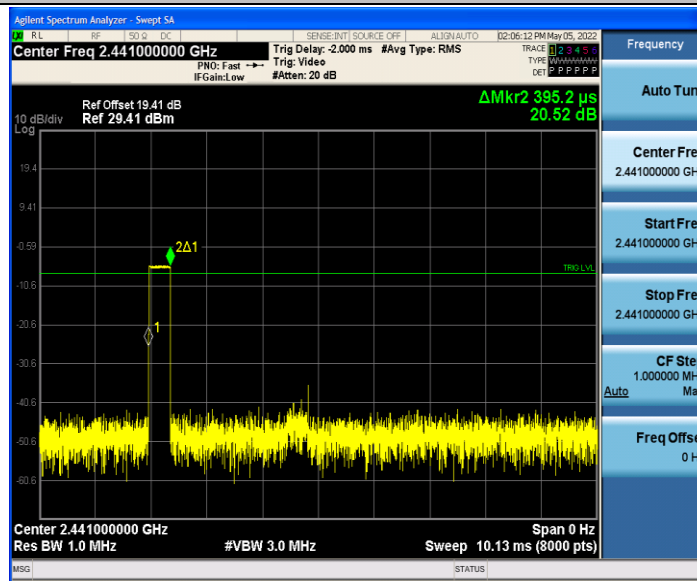
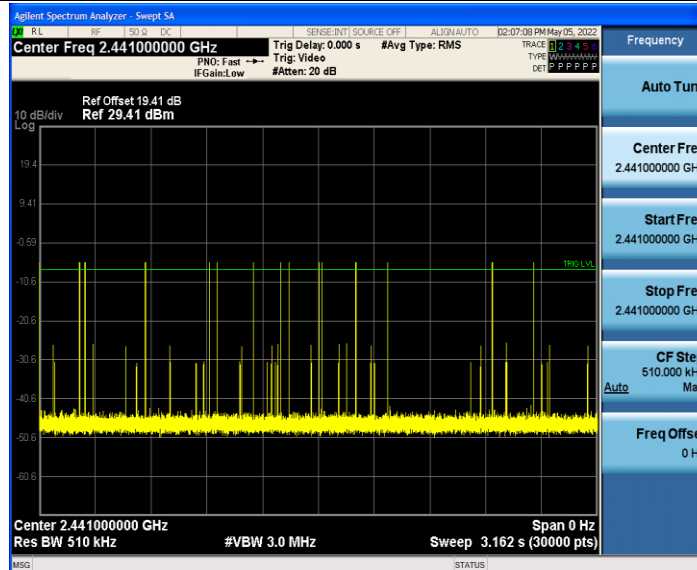
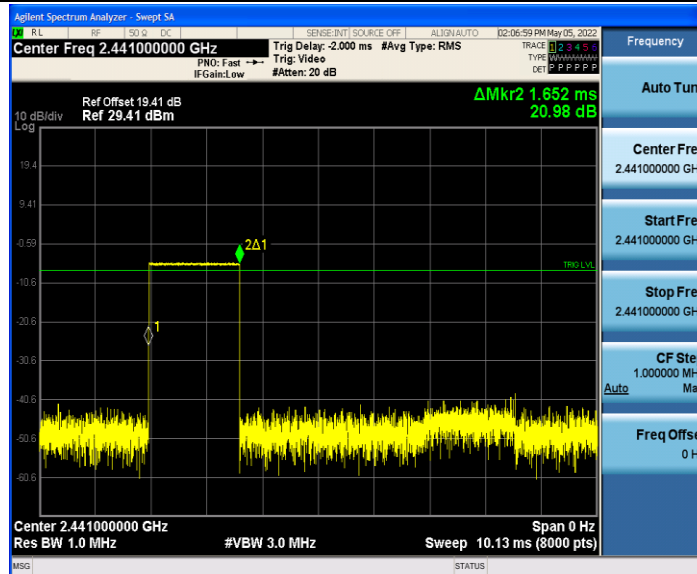


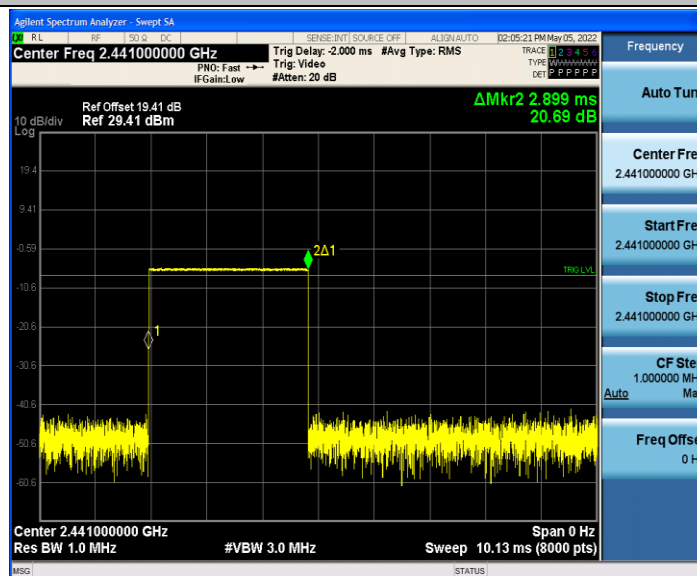
DH1_Ant1_Hop

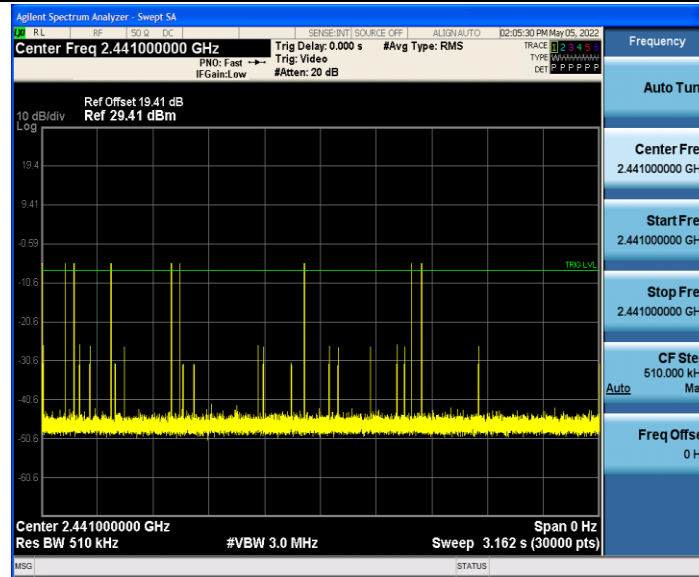


DH3_Ant1_Hop

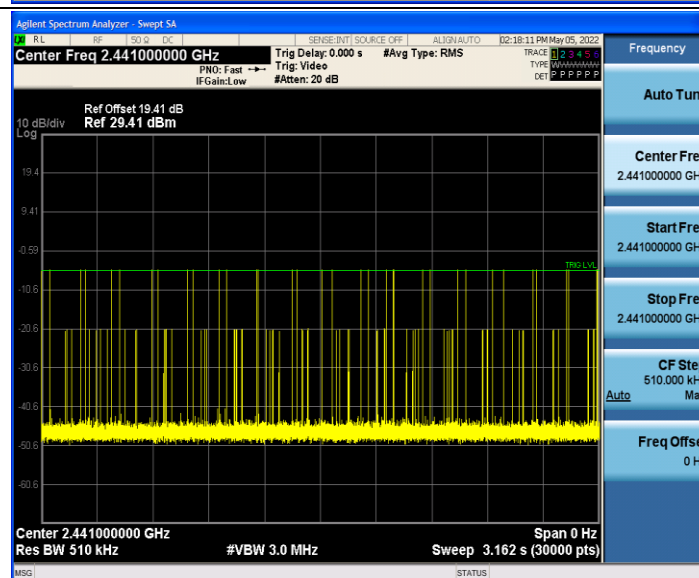
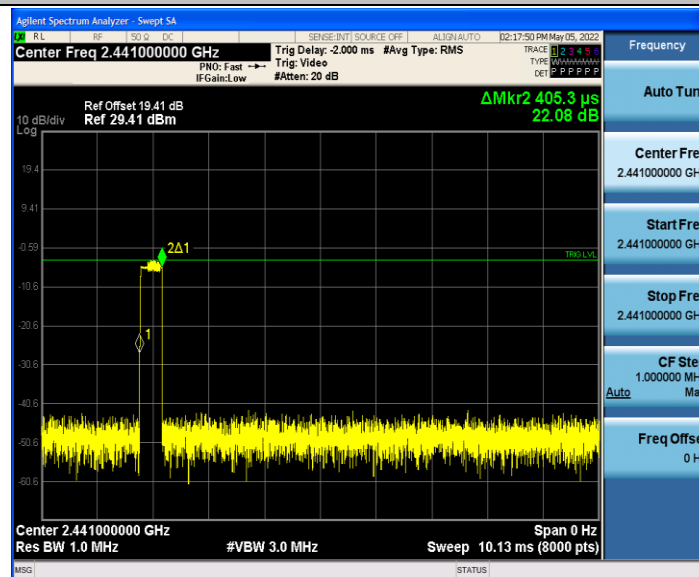


DH5_Ant1_Hop

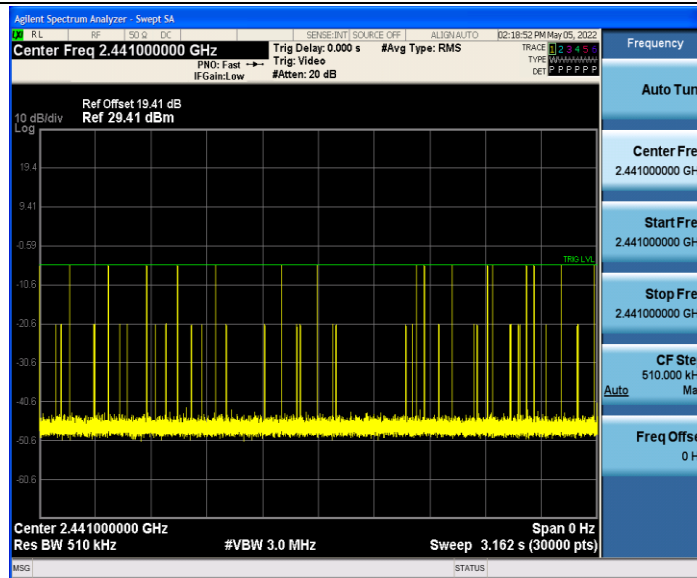
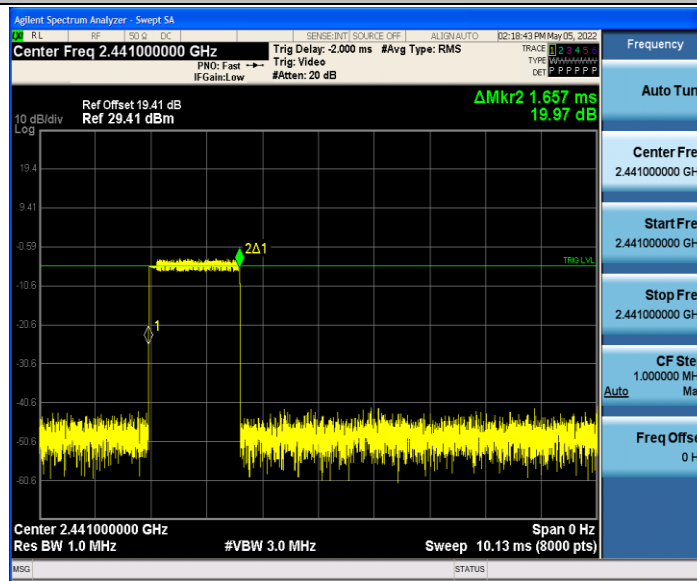




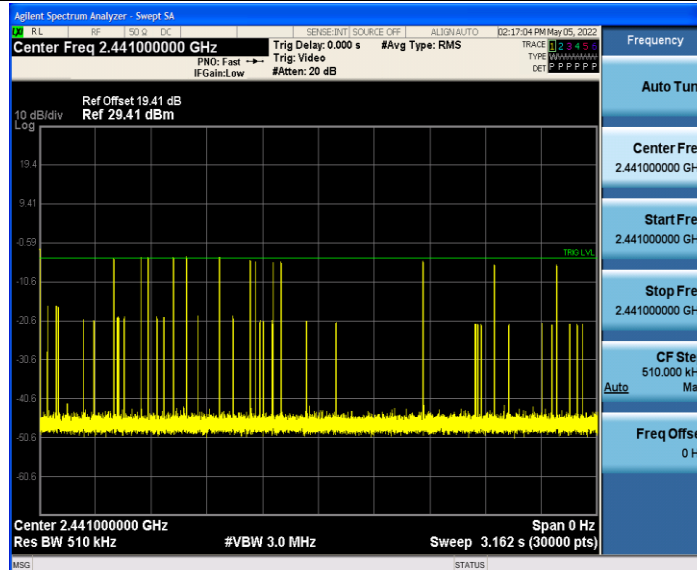
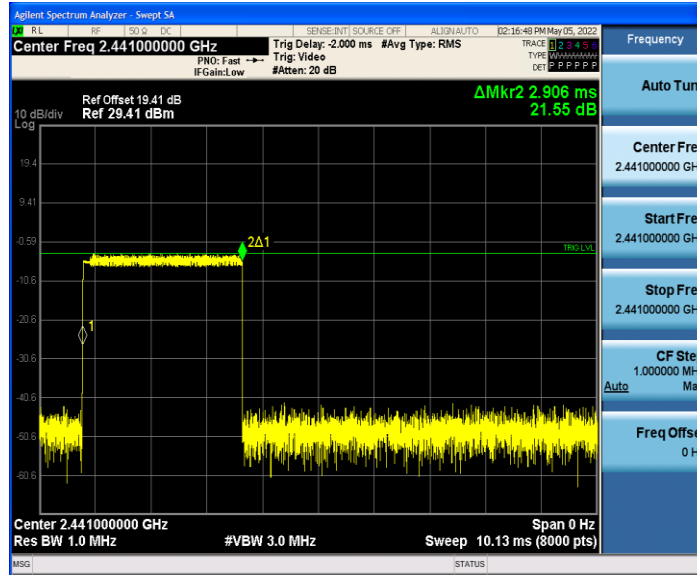
2DH1_Ant1_Hop



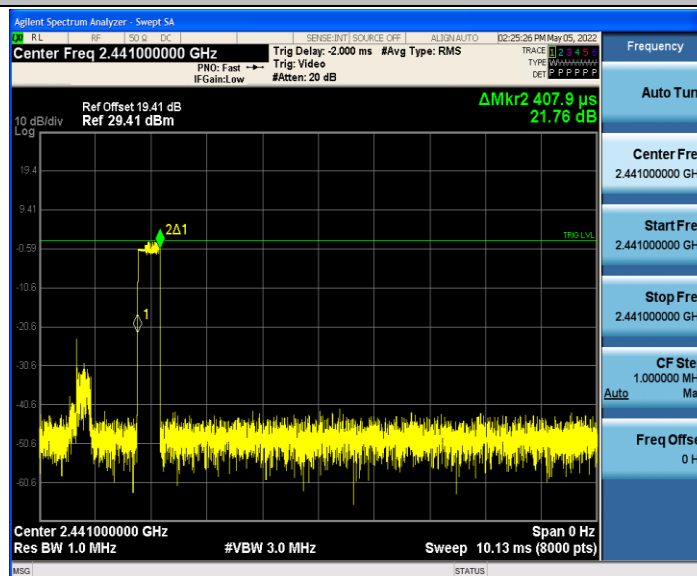
2DH3_Ant1_Hop

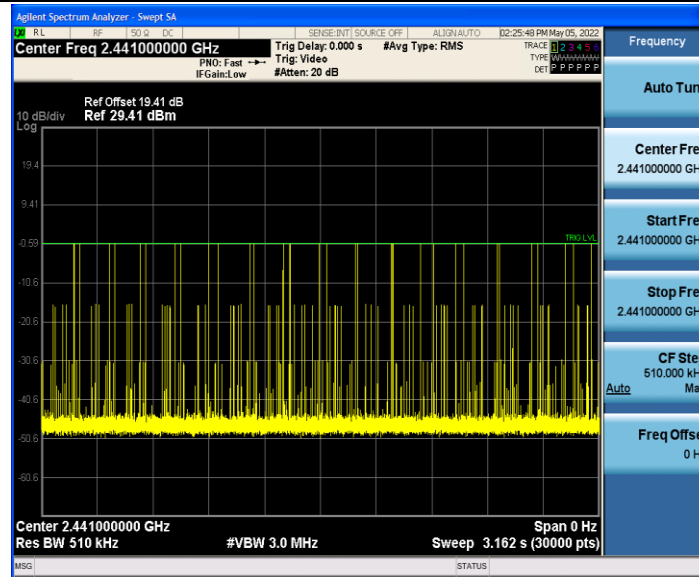


2DH5_Ant1_Hop

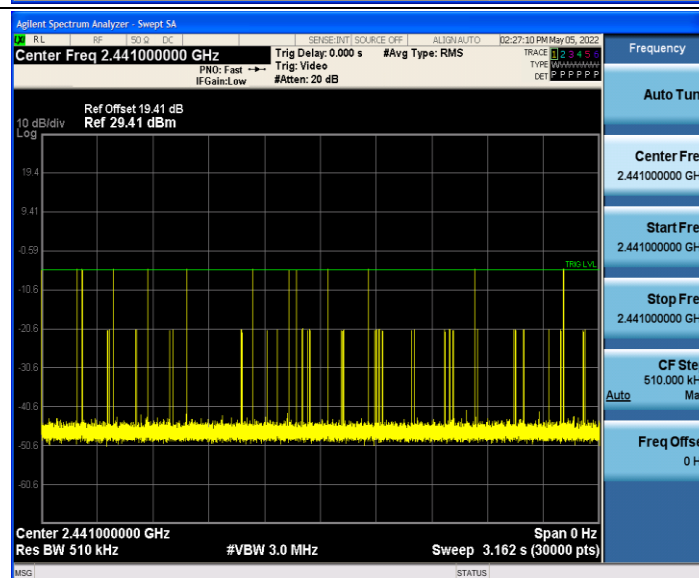
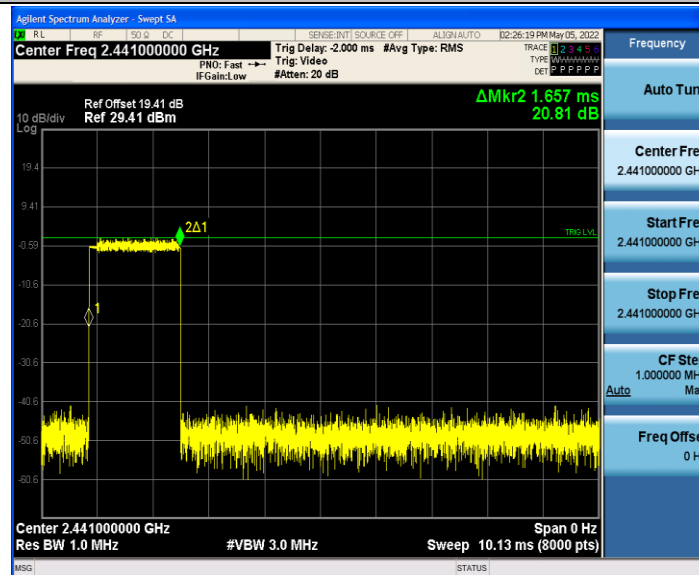


3DH1_Ant1_Hop

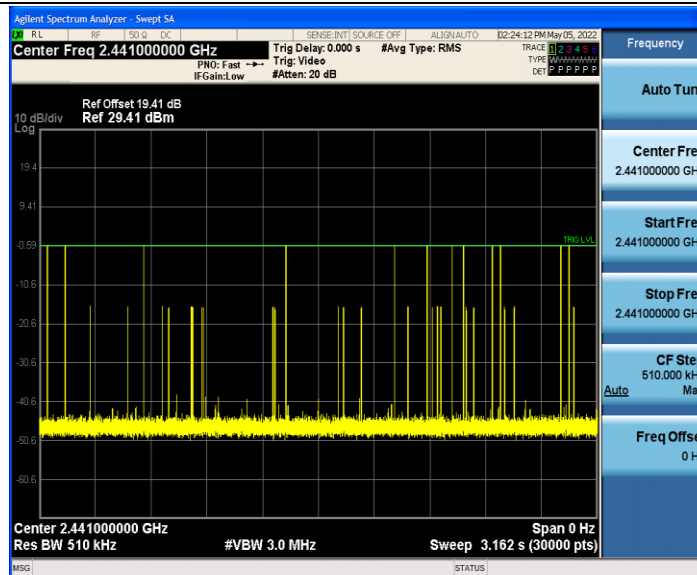
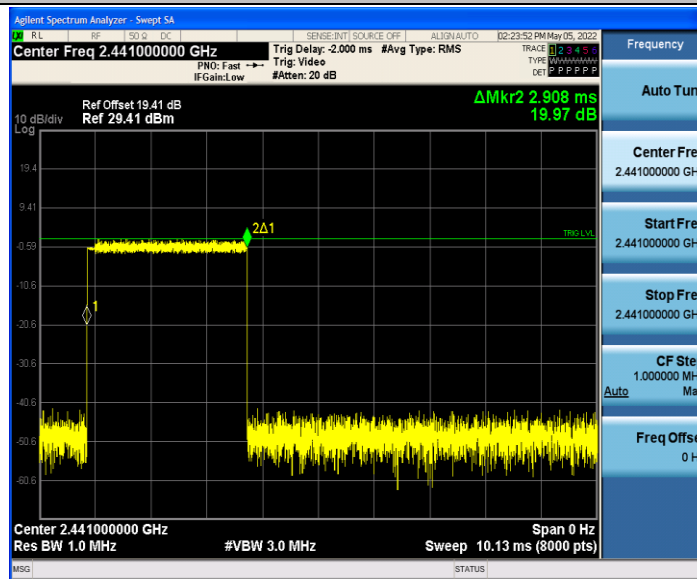




3DH3_Ant1_Hop



3DH5_Ant1_Hop



3.8 Band Edge and Unwanted Emission

3.8.1 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 power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

3.8.2 Test Peripherals

Support Equipment				
No.	Equipment	Brand Name	Model Name	Remarks
1	Type-C Cable	AWM	E101344	0.9m, No Shielding
2	Adaptor	FUSHIGANG	AS1201A-0502000 USU	NA
3	Record PC	Lenovo	M4500T	NA
4	Control PC	Lenovo	M4500T	NA

3.8.3 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

- a) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

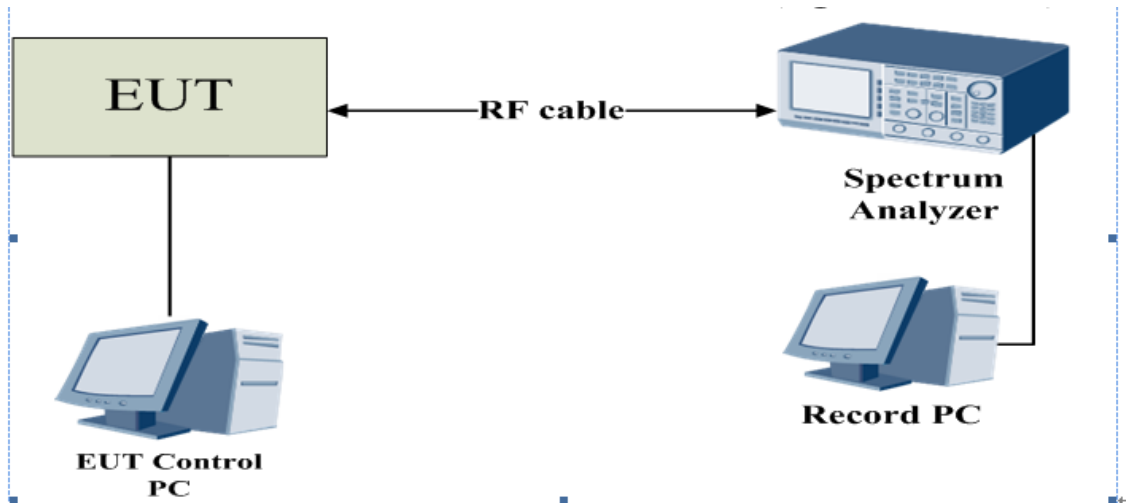
RBW	100 kHz
VBW	300 kHz
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto

- b) Set the EUT in transmitting mode, maxhold the channel.
c) Measure the highest amplitude appearing on spectral display and set it as a reference level.

Plot the graph with marking the highest point and edge frequency.

d) Repeat above procedures until all measured frequencies were complete.

3.8.4 Test Setup

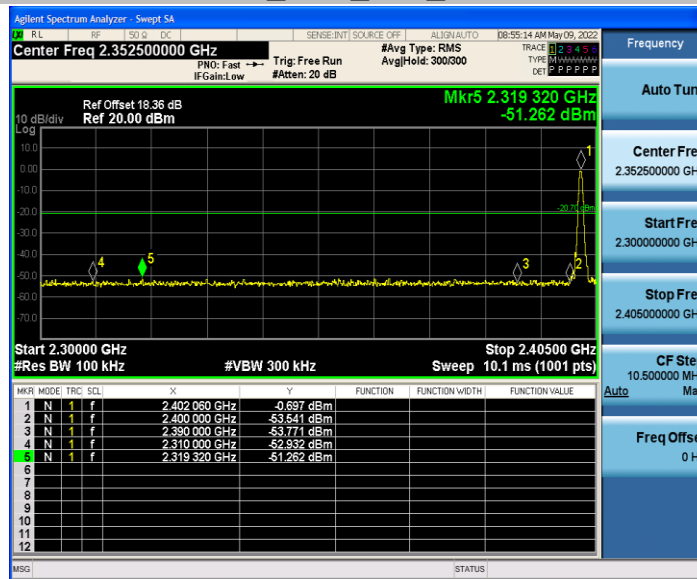


3.8.5 The Result

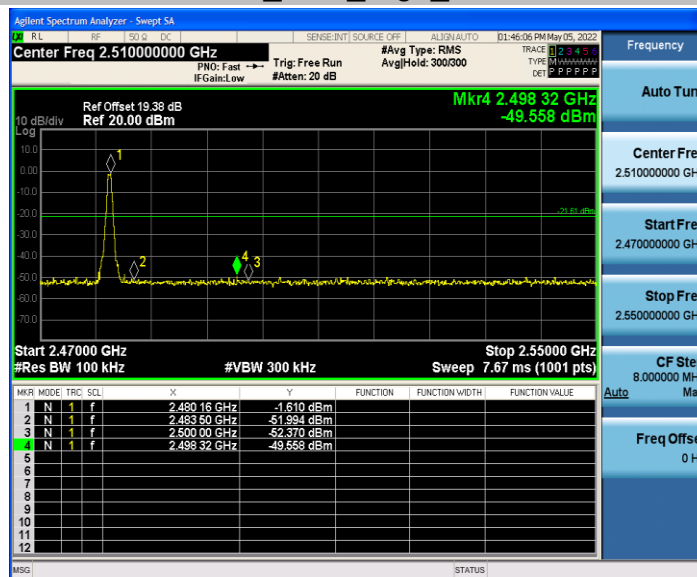
1. Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.70	-51.26	≤ -20.7	PASS
		High	2480	-1.61	-49.56	≤ -21.61	PASS
		Low	Hop_2402	-0.45	-49.83	≤ -20.45	PASS
		High	Hop_2480	-7.06	-49.53	≤ -27.06	PASS
2DH5	Ant1	Low	2402	0.05	-49.58	≤ -19.95	PASS
		High	2480	-1.96	-49	≤ -21.96	PASS
		Low	Hop_2402	-6.82	-49.92	≤ -26.82	PASS
		High	Hop_2480	-7.90	-49.66	≤ -27.9	PASS
3DH5	Ant1	Low	2402	-0.13	-48.85	≤ -20.13	PASS
		High	2480	-2.19	-49.98	≤ -22.19	PASS
		Low	Hop_2402	-7.20	-50.13	≤ -27.2	PASS
		High	Hop_2480	-3.06	-49.77	≤ -23.06	PASS

DH5_Ant1_Low_2402



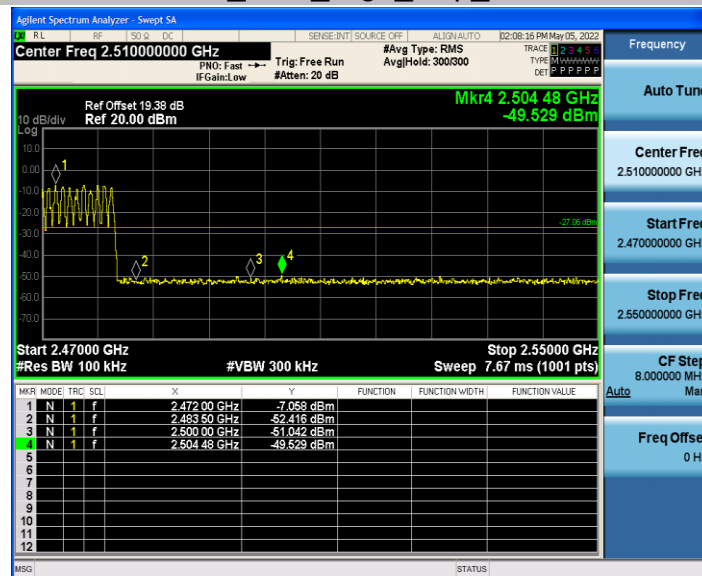
DH5_Ant1_High_2480



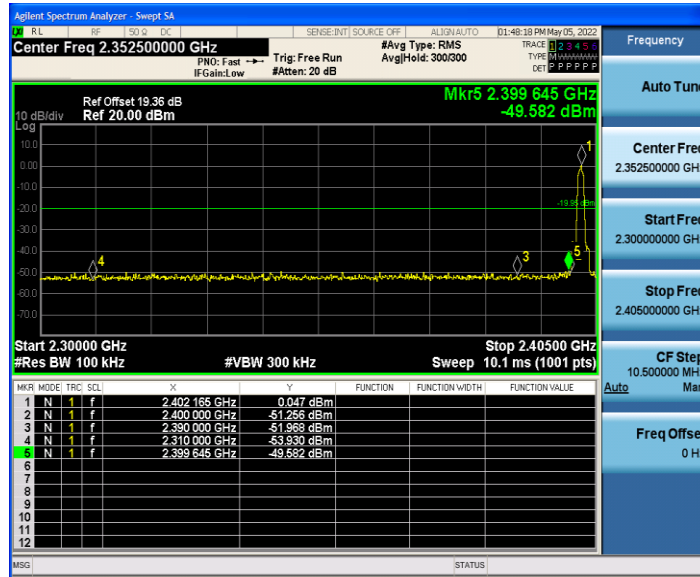
DH5_Ant1_Low_Hop_2402



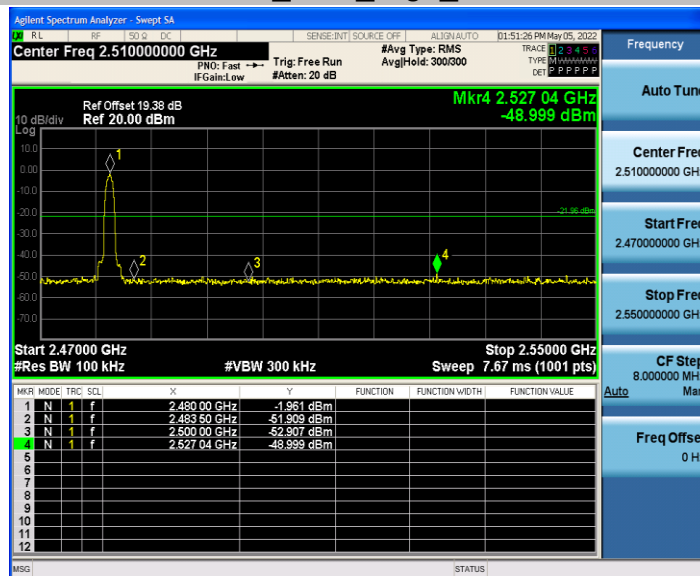
DH5_Ant1_High_Hop_2480



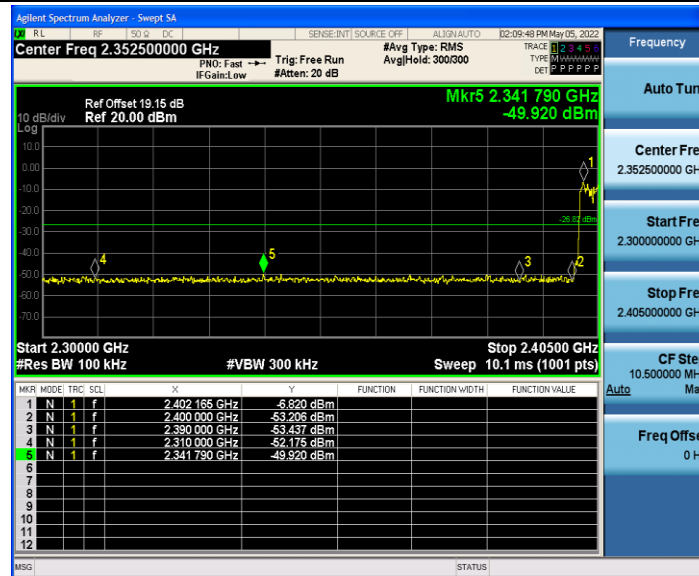
2DH5_Ant1_Low_2402



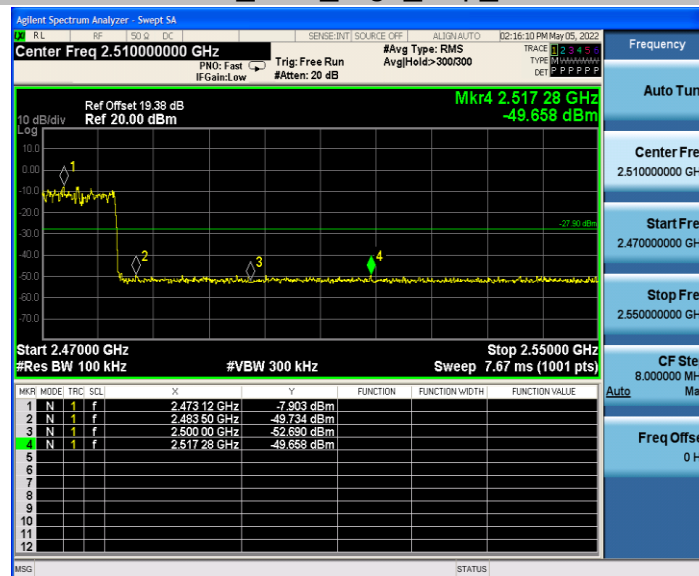
2DH5_Ant1_High_2480



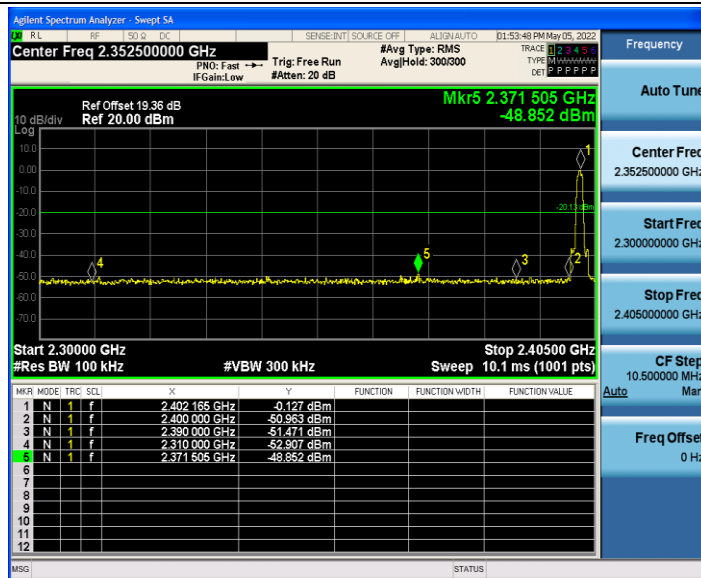
2DH5_Ant1_Low_Hop_2402



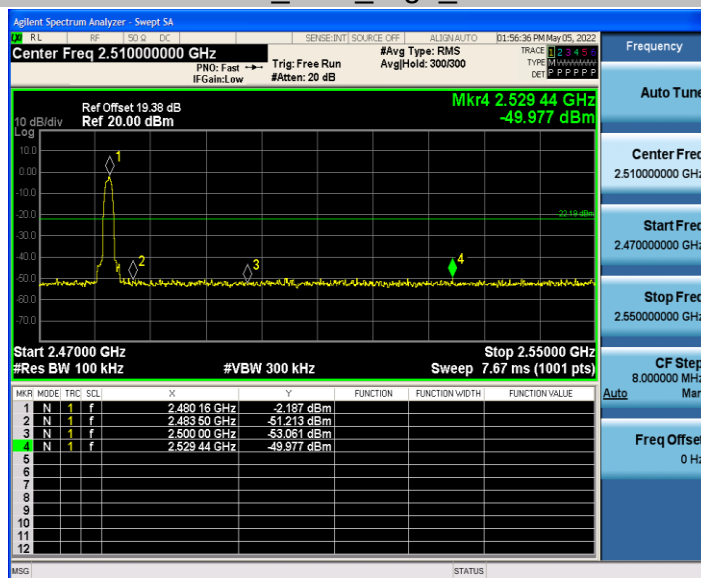
2DH5_Ant1_High_Hop_2480



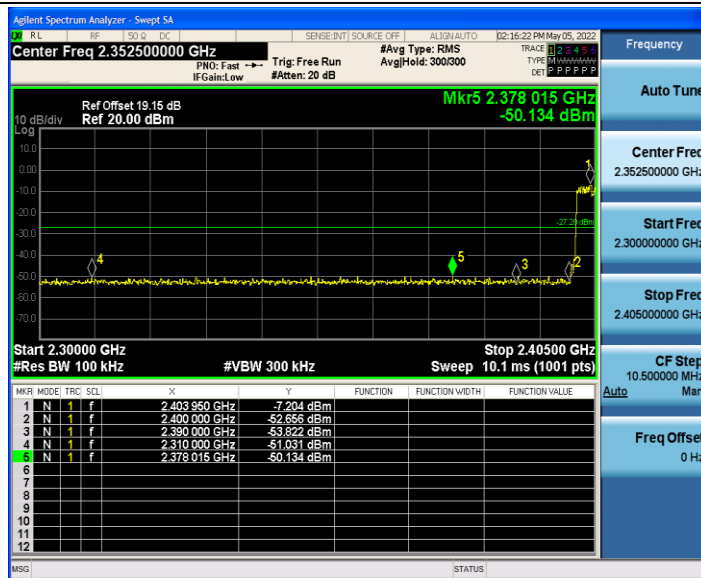
3DH5_Ant1_Low_2402



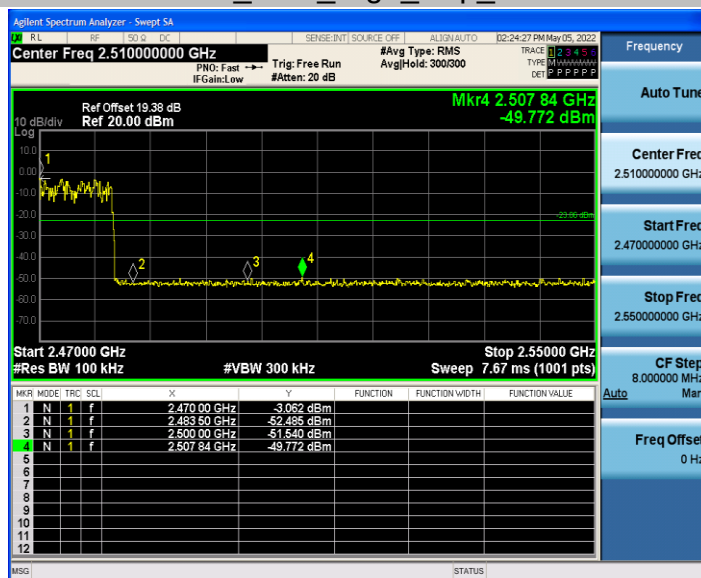
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

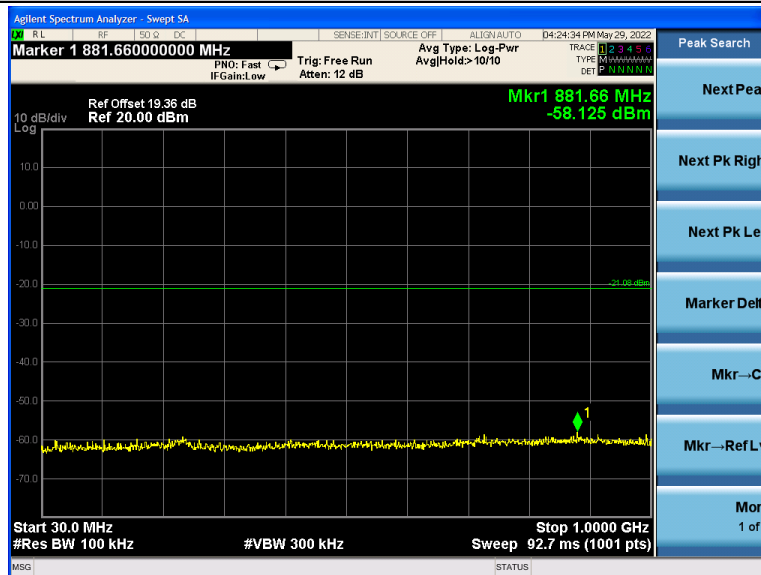


2. Unwanted Emission

DH5_2402



DH5_2402_30MHz~1000MHz



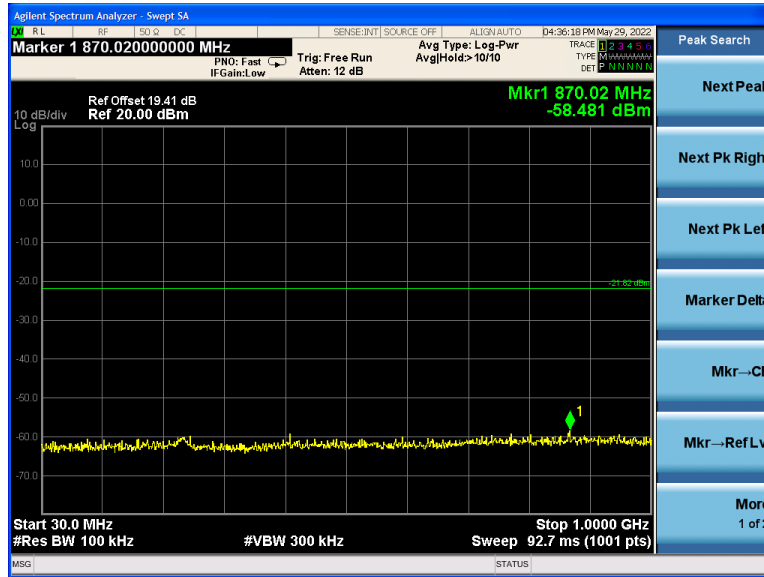
DH5_2402_1000MHz~26500MHz



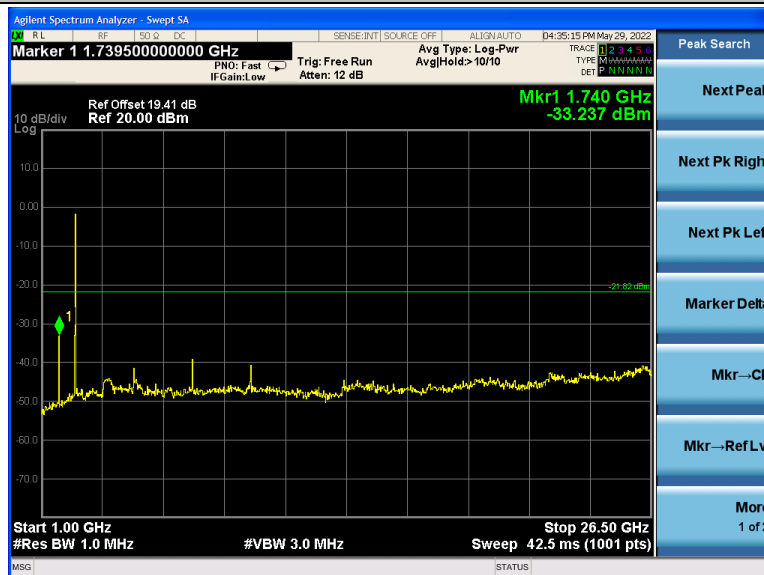
DH5_2441



DH5_2441_30MHz~1000MHz



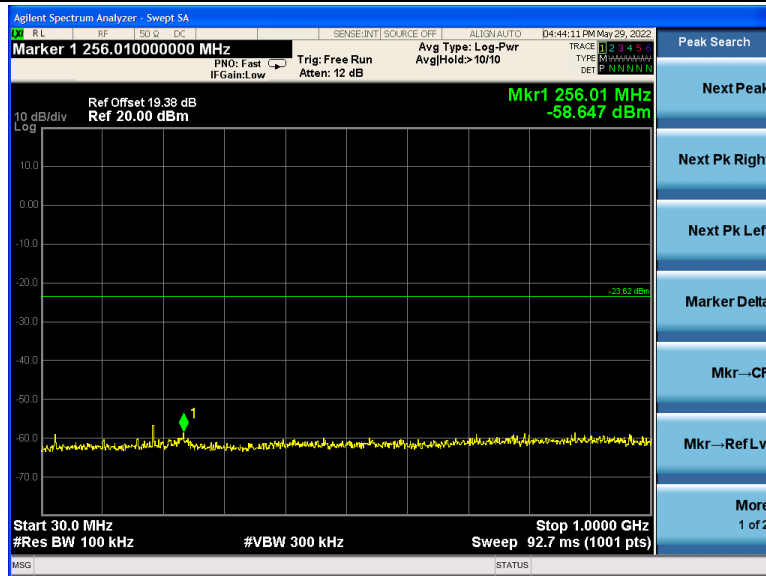
DH5_2441_1000MHz~26500MHz



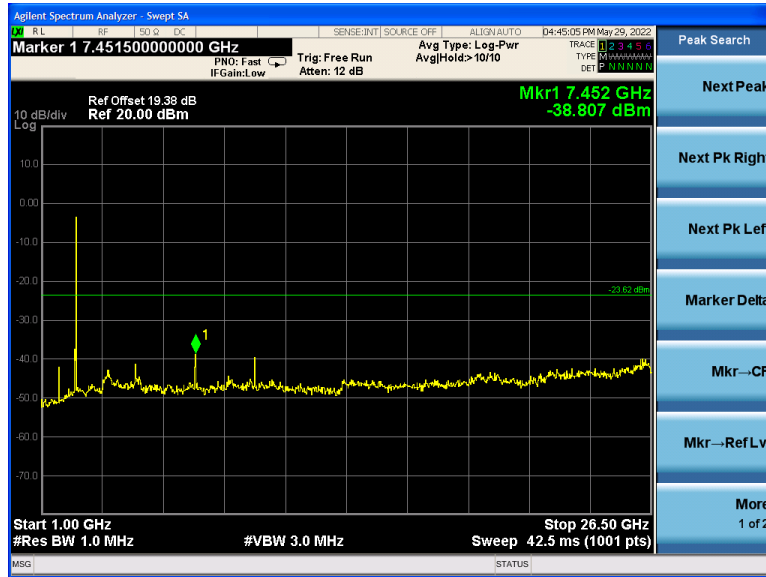
DH5_2480



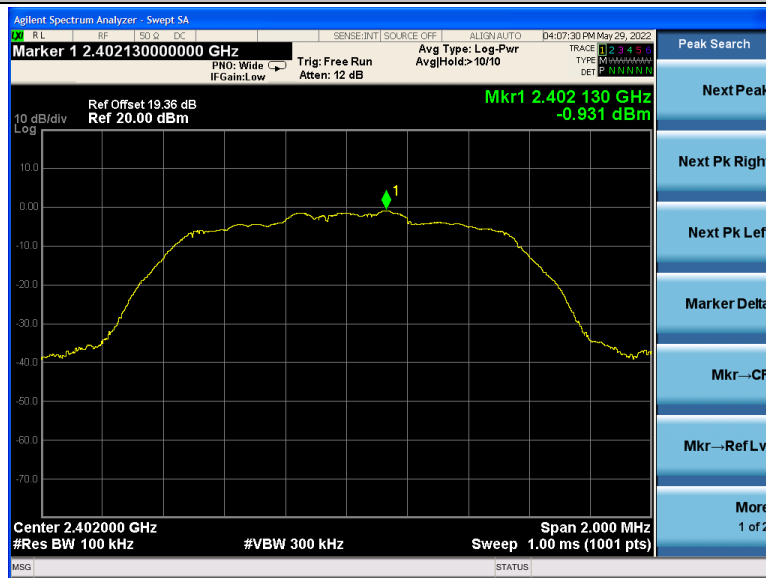
DH5_2480_30MHz~1000MHz



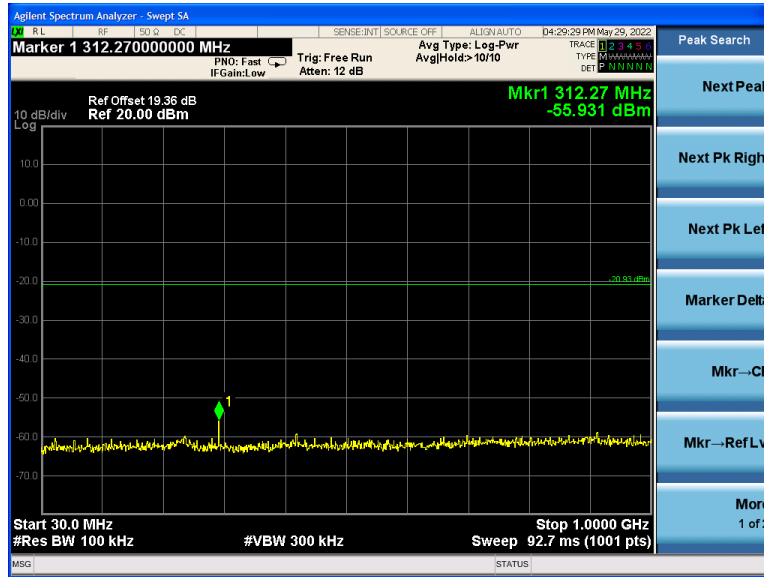
DH5_2480_1000MHz~26500MHz



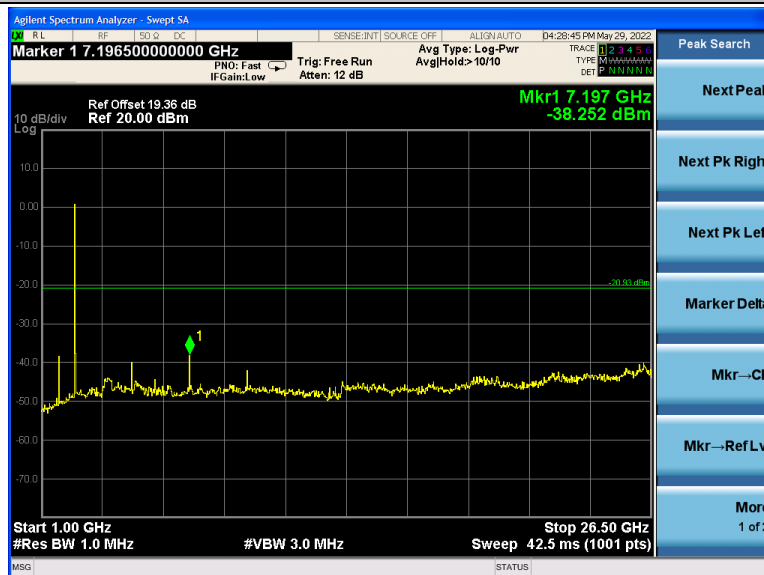
2DH5_2402



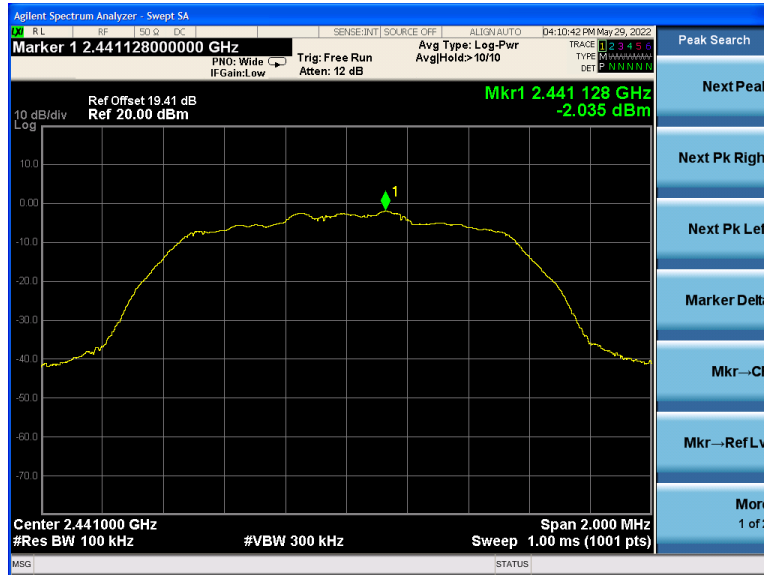
2DH5_2402_30MHz~1000MHz



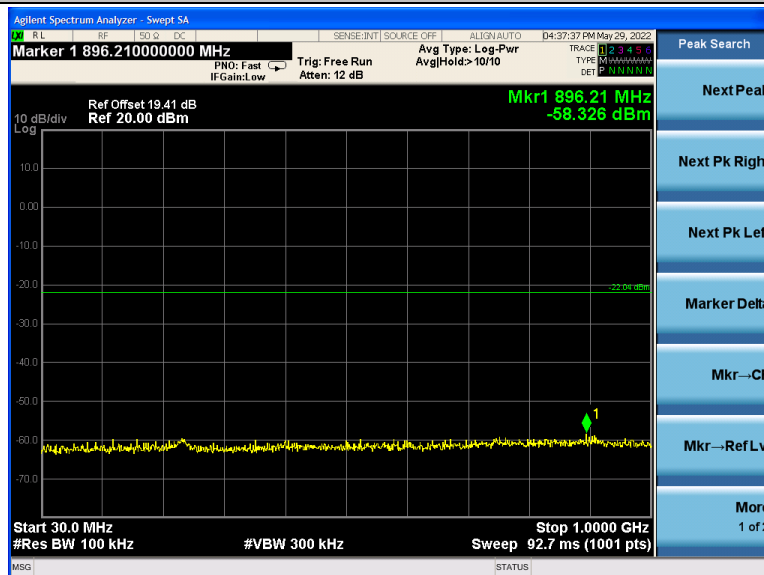
2DH5_2402_1000MHz~26500MHz



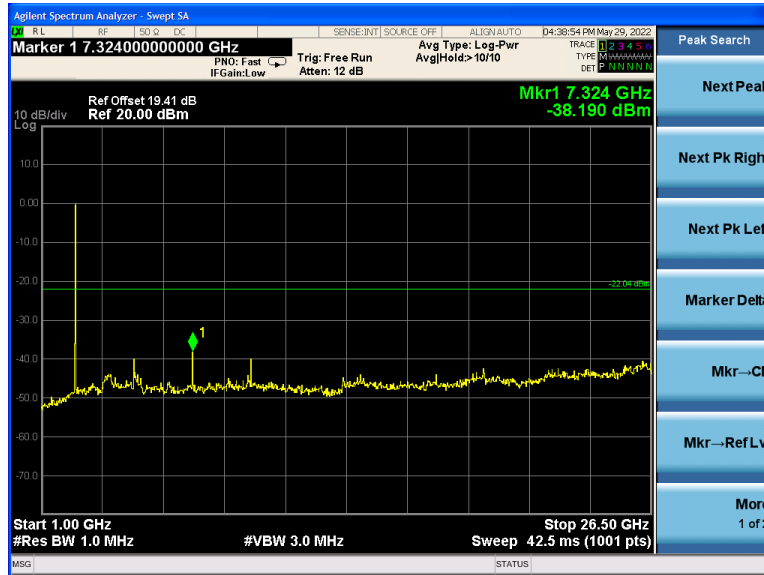
2DH5_2441



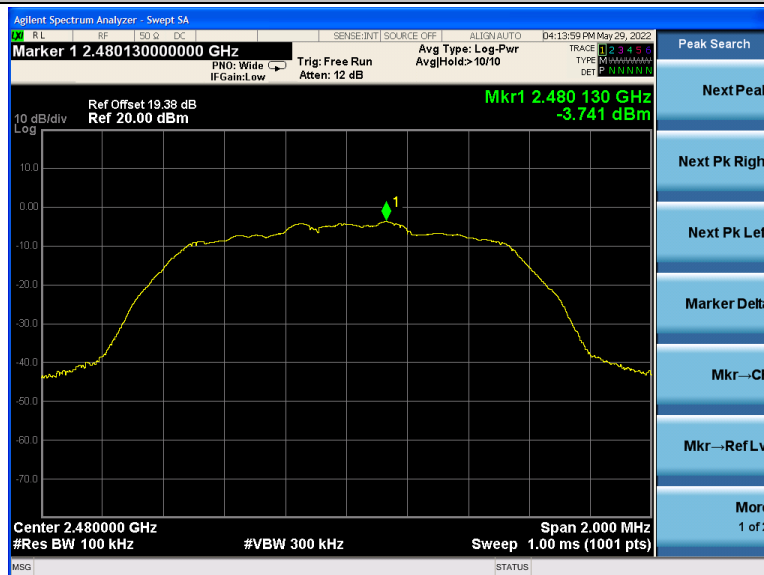
2DH5_2441_30MHz~1000MHz



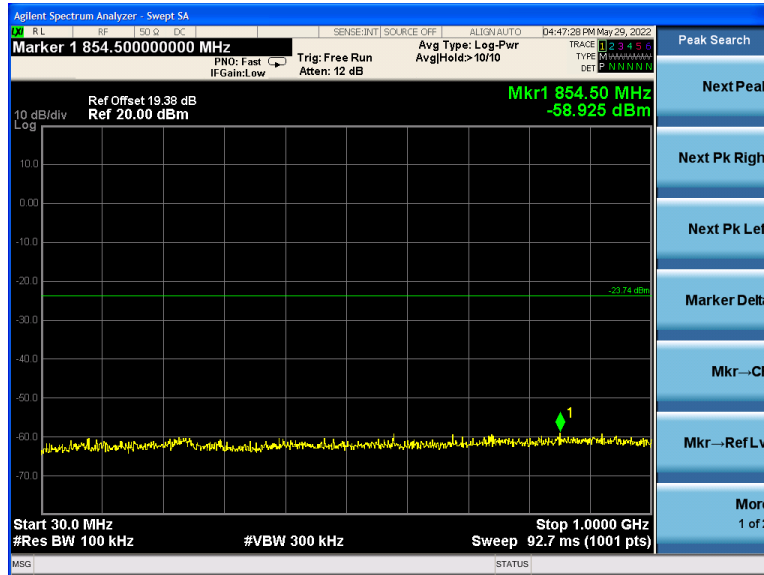
2DH5_2441_1000MHz~26500MHz



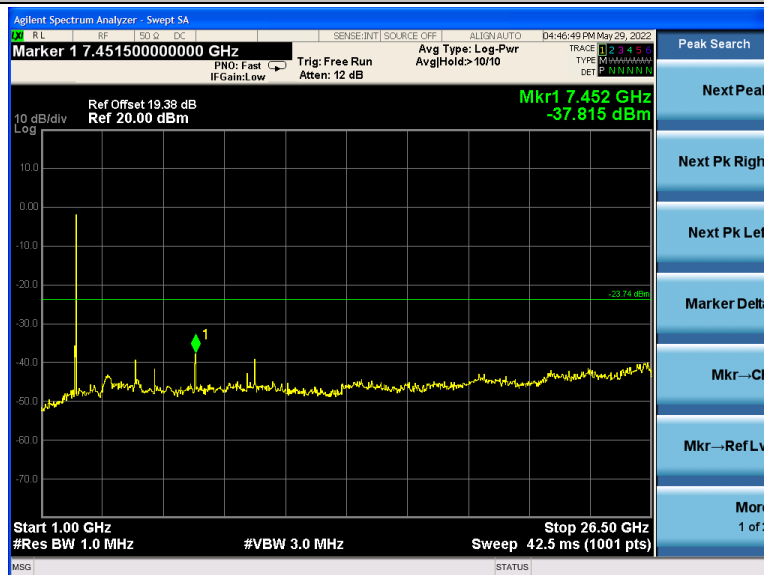
2DH5_2480



2DH5_2480_30MHz~1000MHz



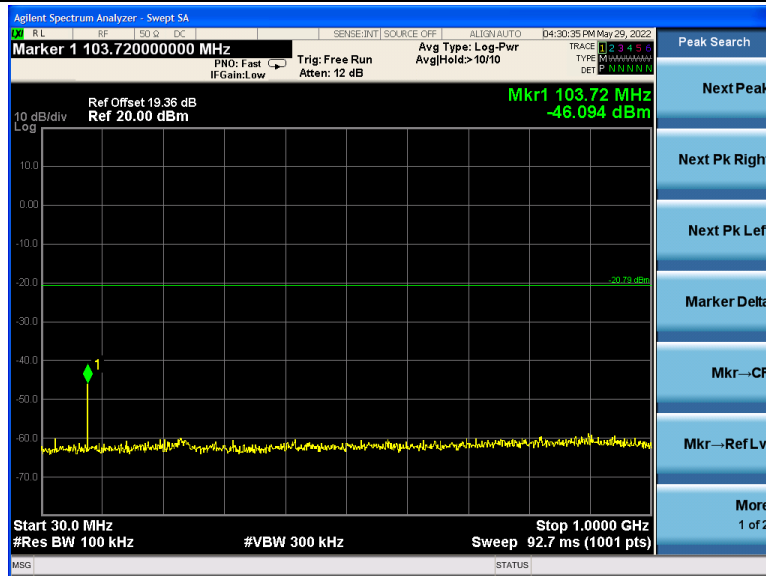
2DH5_2480_1000MHz~26500MHz



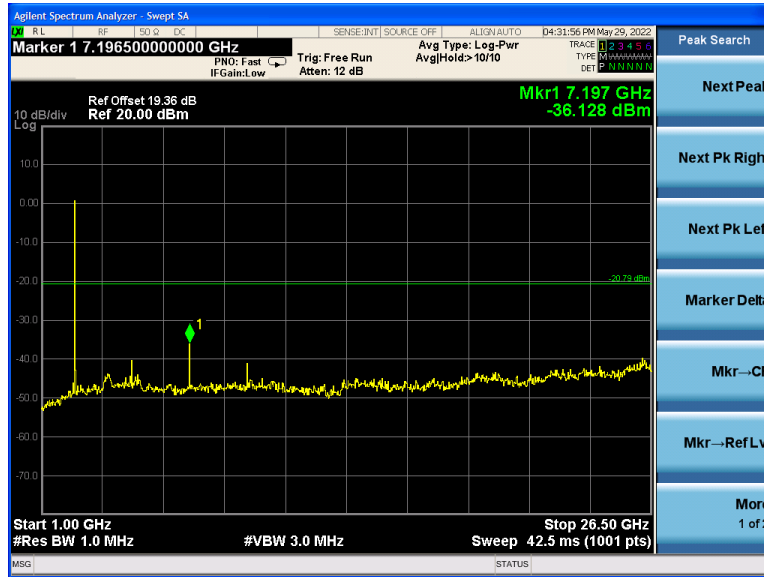
3DH5_2402



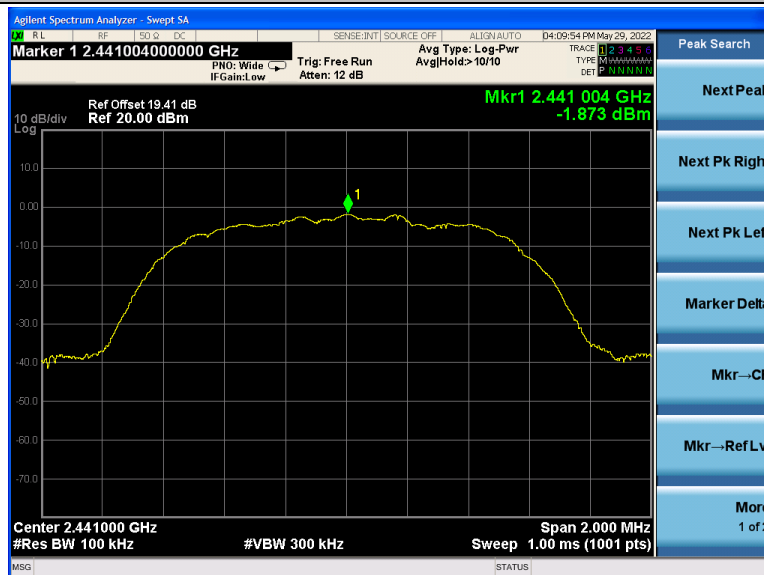
3DH5_2402_30MHz~1000MHz



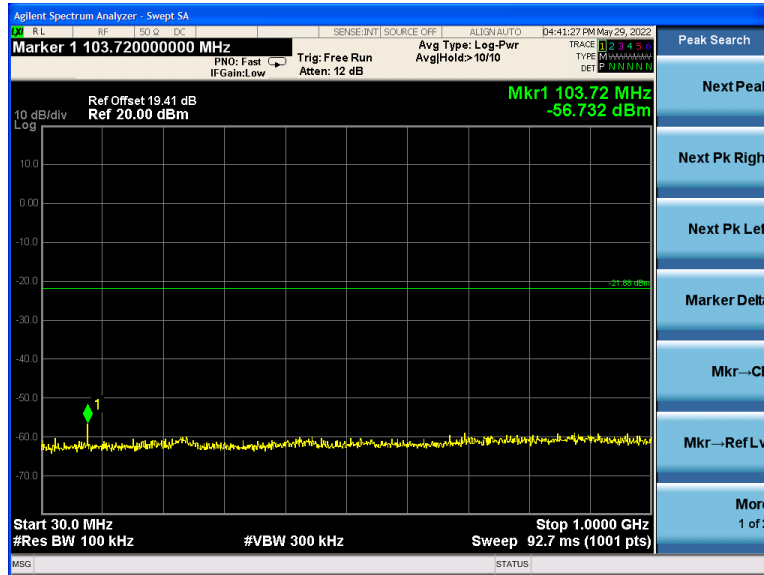
3DH5_2402_1000MHz~26500MHz



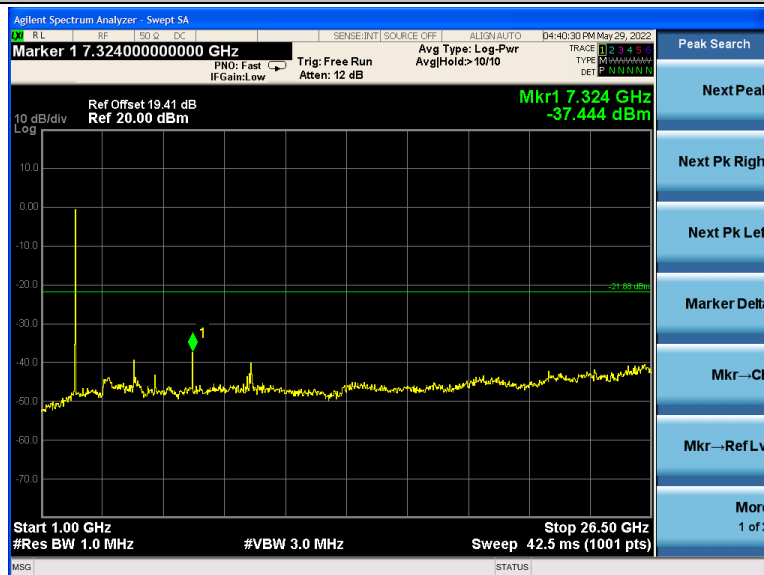
3DH5_2441



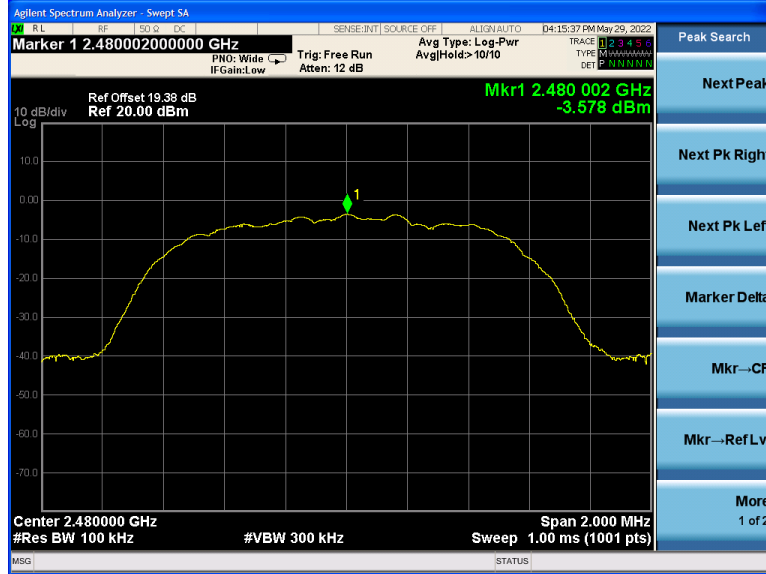
3DH5_2441_30MHz~1000MHz



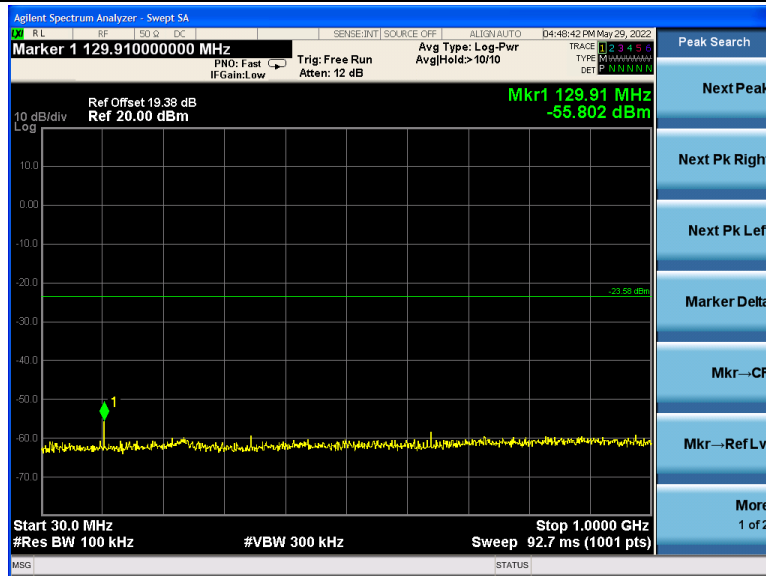
3DH5_2441_1000MHz~26500MHz



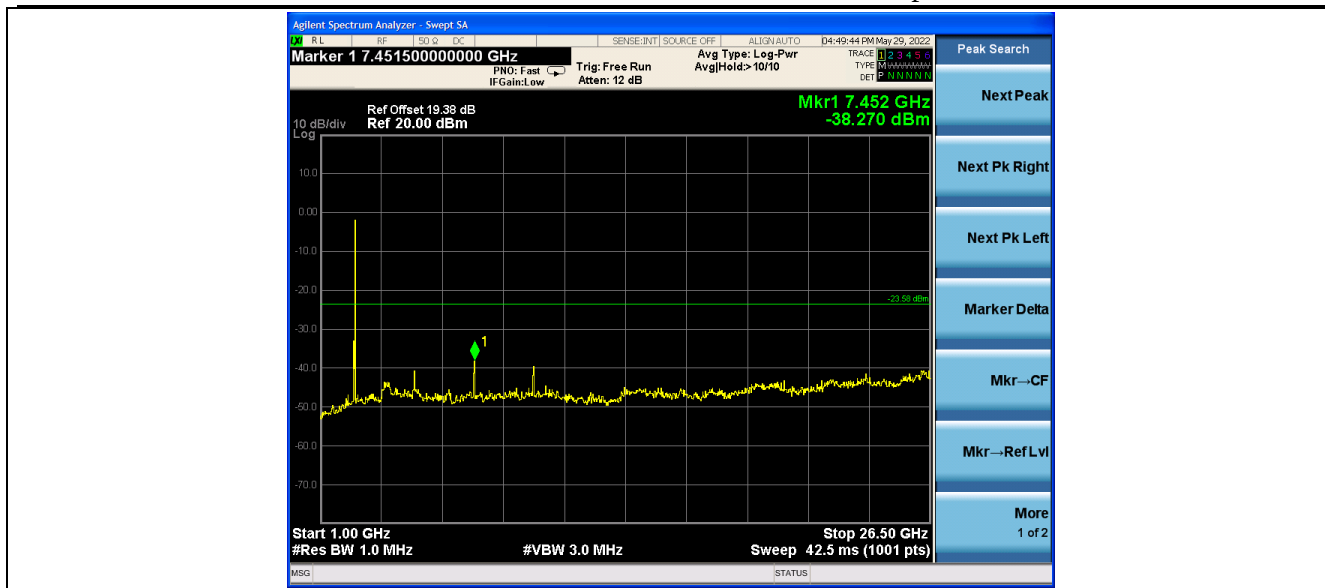
3DH5_2480



3DH5_2480_30MHz~1000MHz



3DH5_2480_1000MHz~26500MHz



4. Photographs of Test Set-up

See the Appendix of Radiated Test setup Photographs.

5. Photographs of EUT

See the Appendix of External Photographs and Internal Photographs.

(END OF REPORT)