

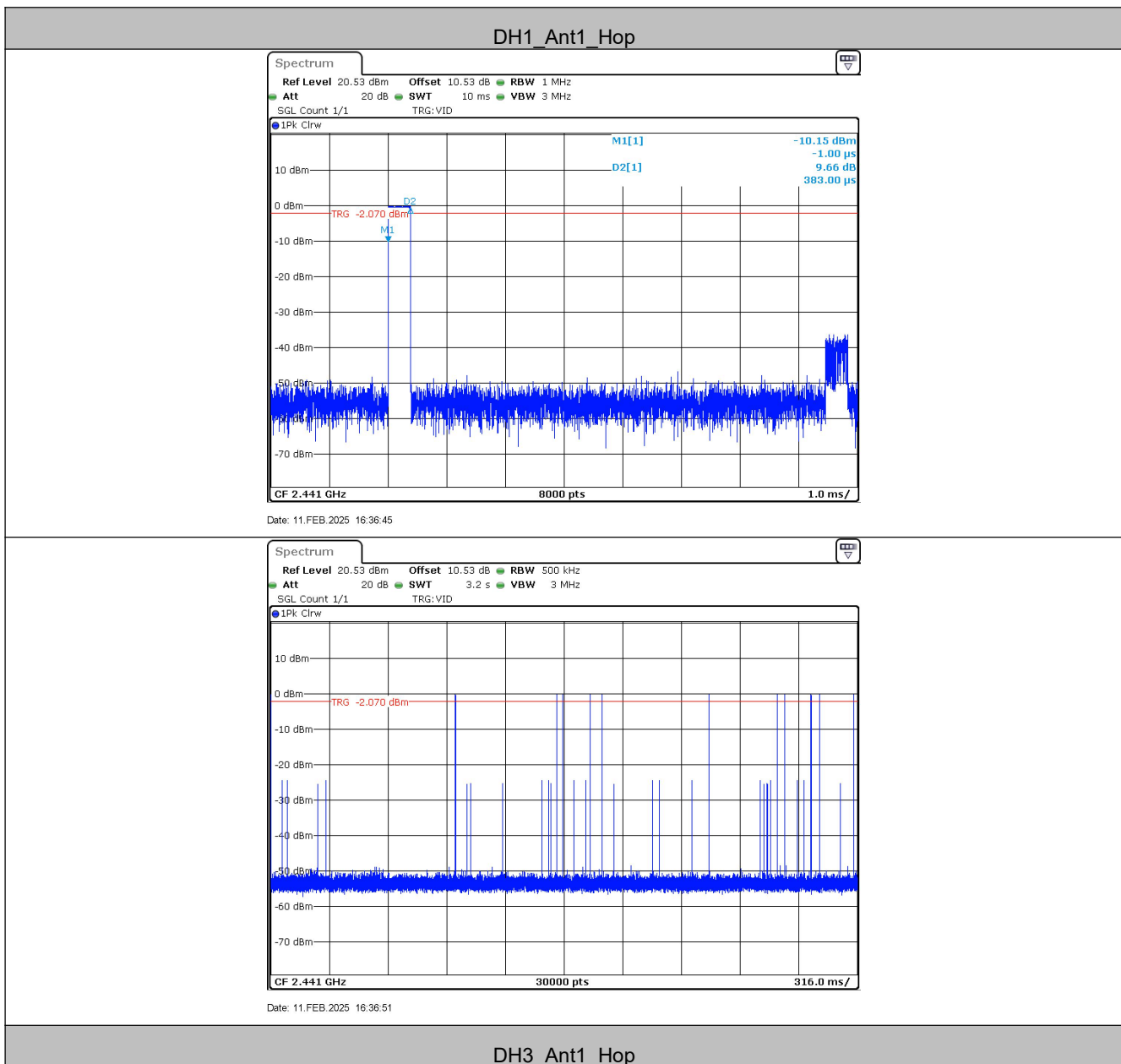
Measurement Data

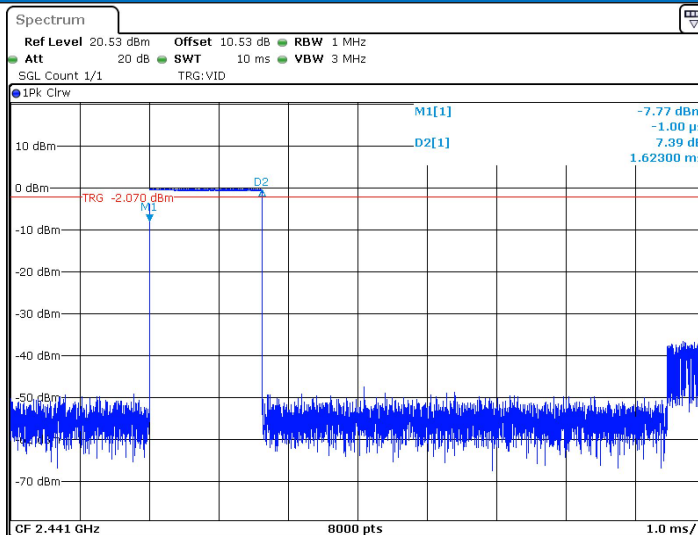
TestMode	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Hop	0.383	120	0.046	≤0.4	PASS
DH3	Hop	1.623	120	0.195	≤0.4	PASS
DH5	Hop	2.863	120	0.344	≤0.4	PASS
2DH1	Hop	0.381	140	0.053	≤0.4	PASS
2DH3	Hop	1.631	160	0.261	≤0.4	PASS
2DH5	Hop	2.867	100	0.287	≤0.4	PASS
3DH1	Hop	0.383	120	0.046	≤0.4	PASS
3DH3	Hop	1.624	120	0.195	≤0.4	PASS
3DH5	Hop	2.869	110	0.316	≤0.4	PASS

Remark:

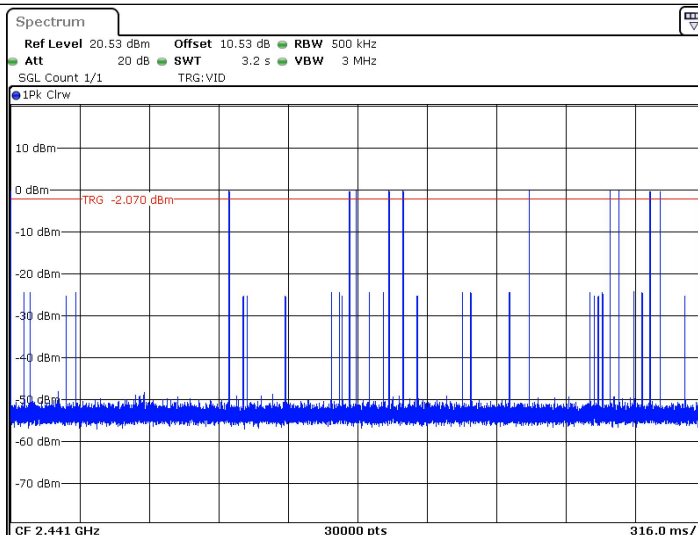
The test period: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

Test plot as follows:



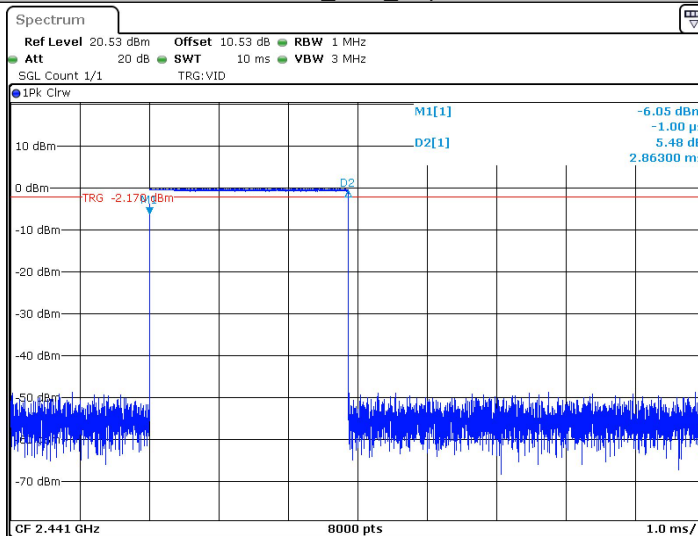


Date: 11.FEB.2025 16:37:35

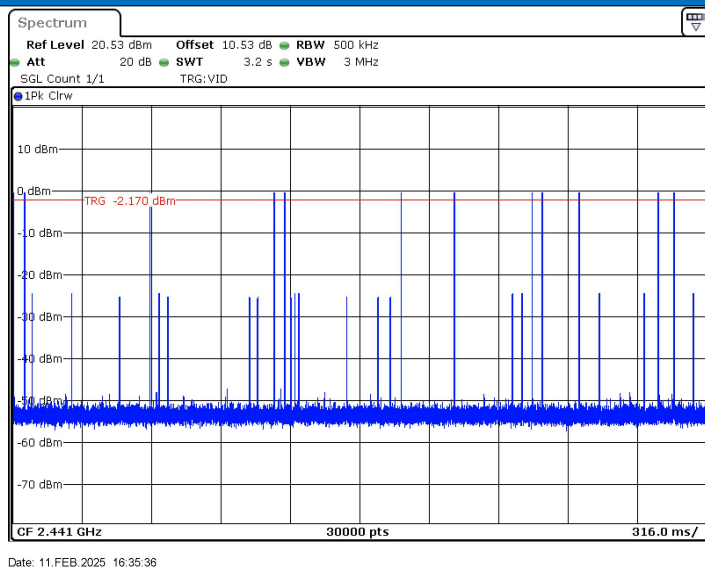


Date: 11.FEB.2025 16:37:41

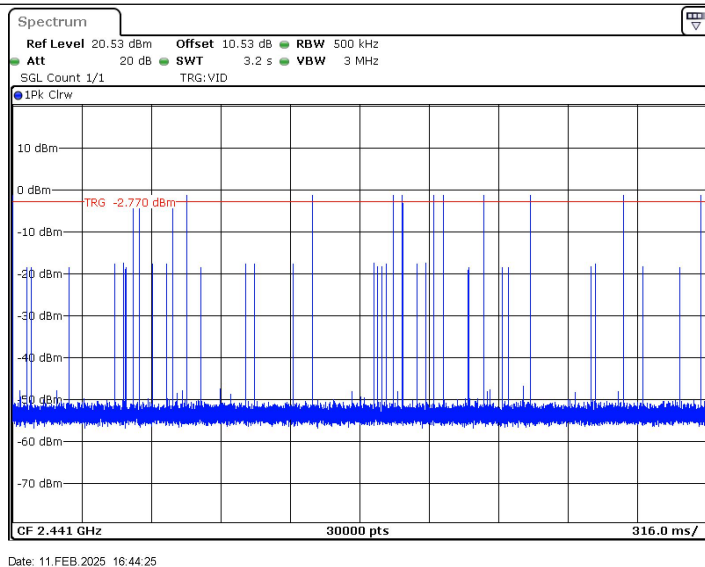
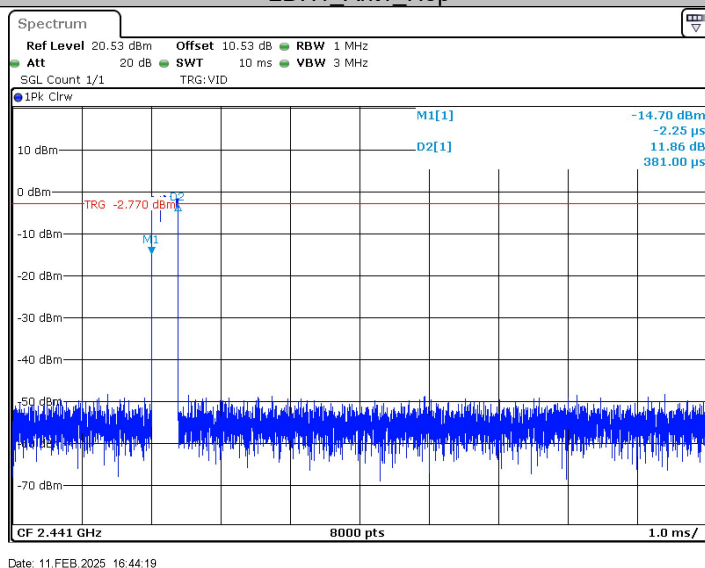
DH5_Ant1_Hop



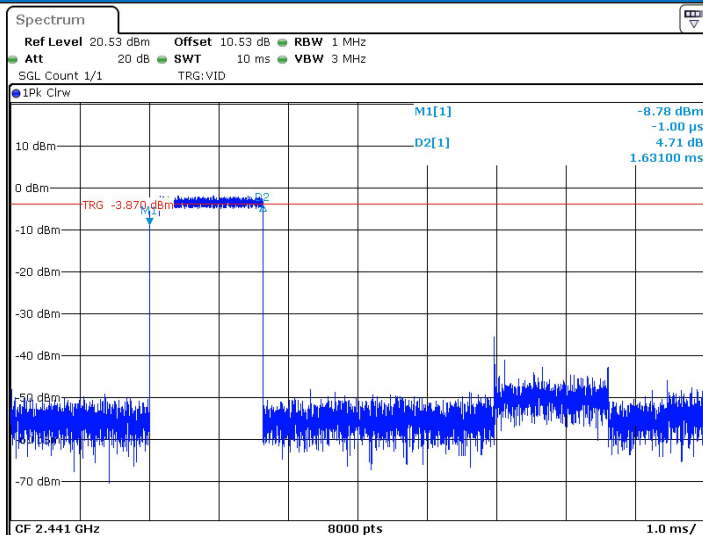
Date: 11.FEB.2025 16:35:31



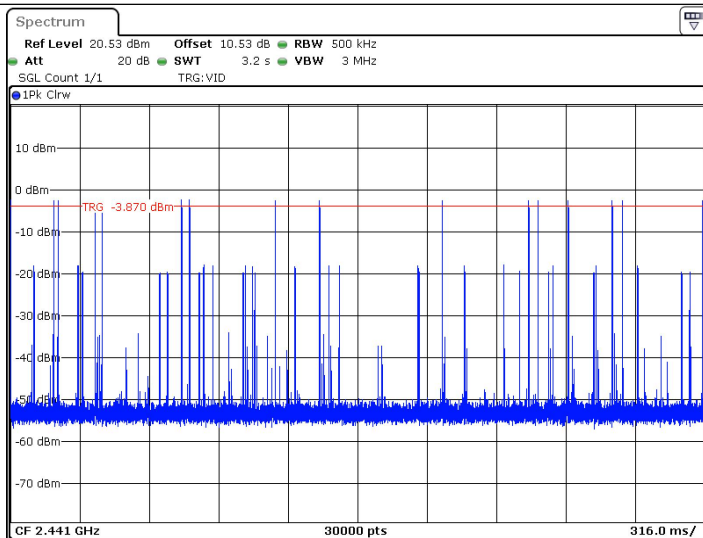
2DH1_Ant1_Hop



2DH3_Ant1_Hop

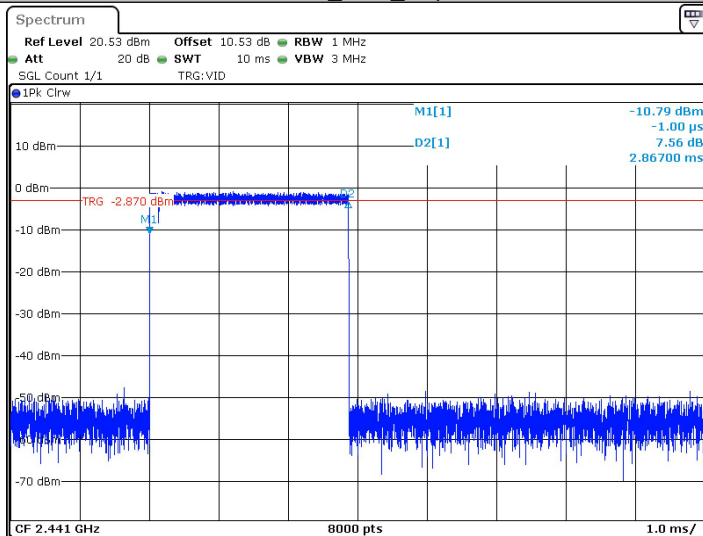


Date: 18.MAR.2025 19:31:17

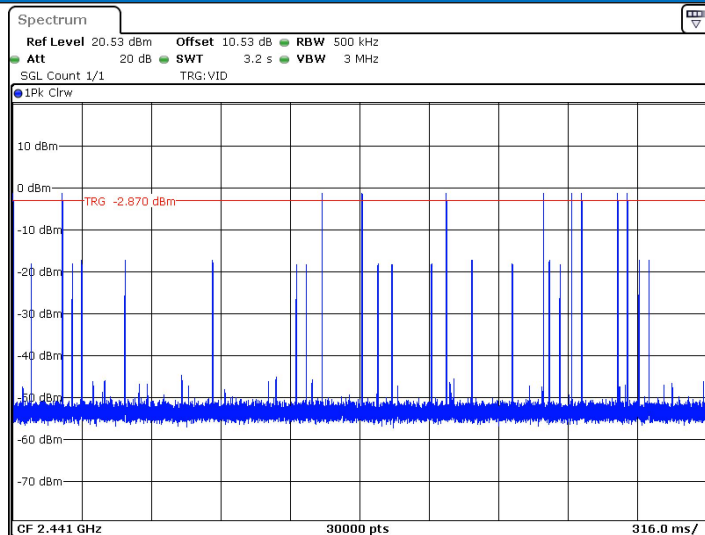


Date: 18.MAR.2025 19:31:22

2DH5_Ant1_Hop

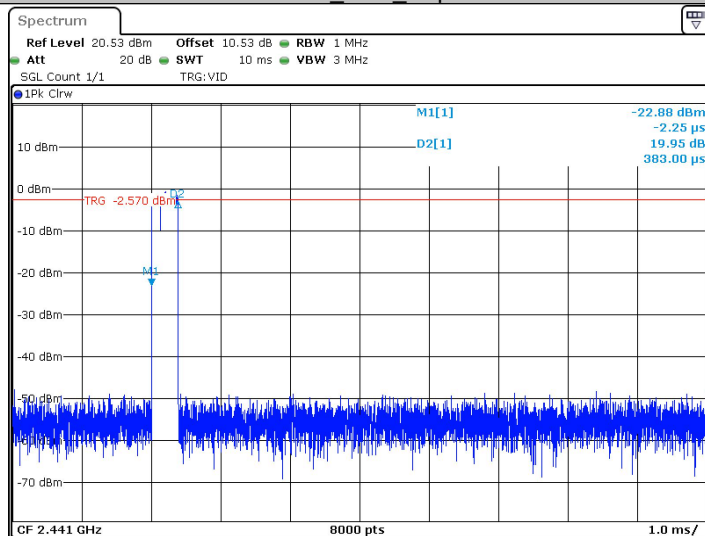


Date: 11.FEB.2025 16:42:31

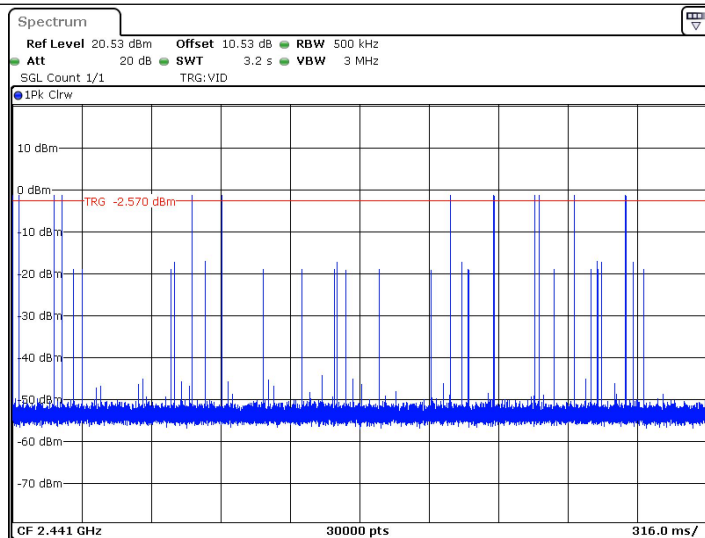


Date: 11.FEB.2025 16:42:36

3DH1_Ant1_Hop

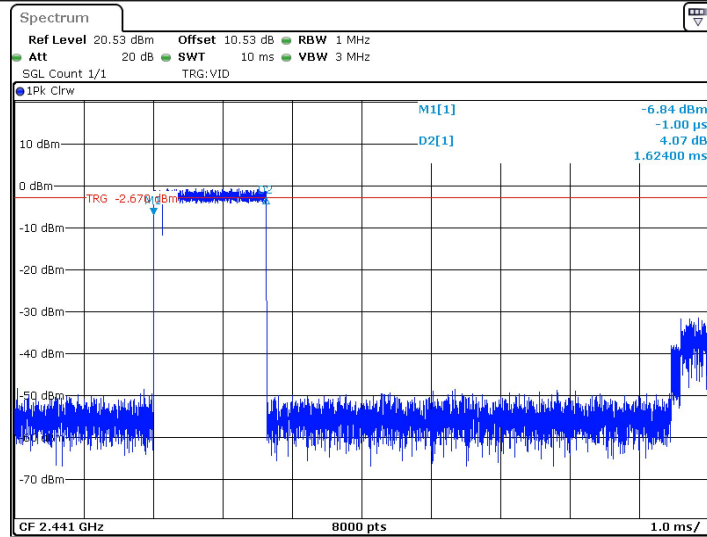


Date: 11.FEB.2025 16:54:25

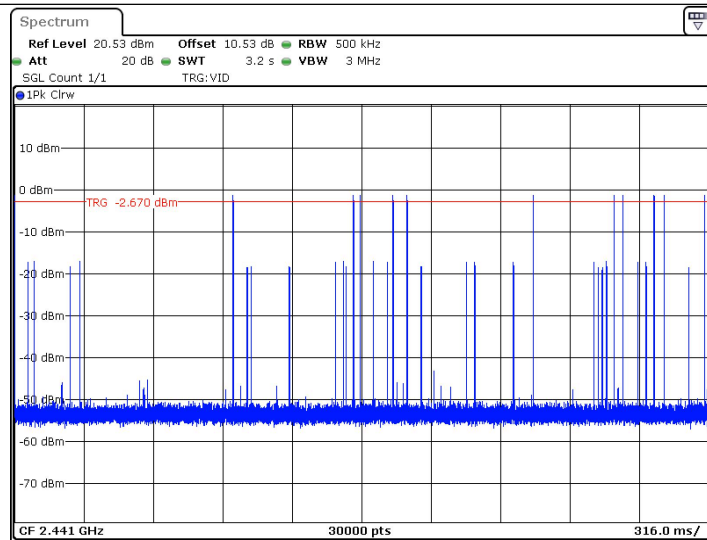


Date: 11.FEB.2025 16:54:31

3DH3_Ant1_Hop

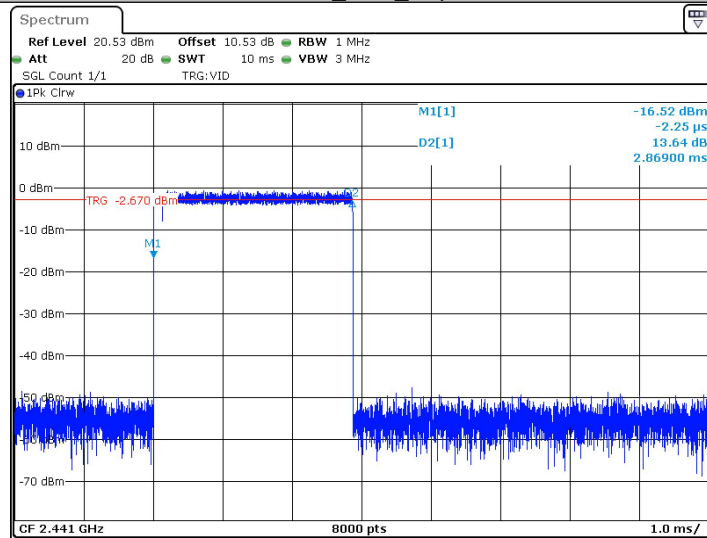


Date: 11.FEB.2025 16:56:27

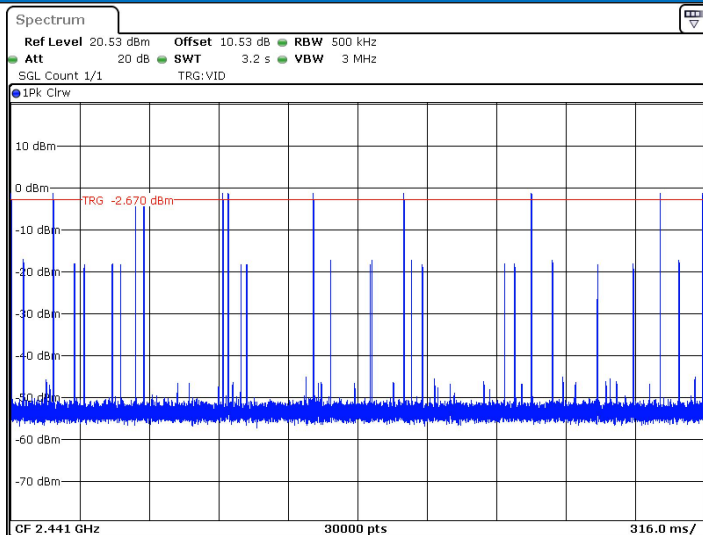


Date: 11.FEB.2025 16:56:33

3DH5_Ant1_Hop

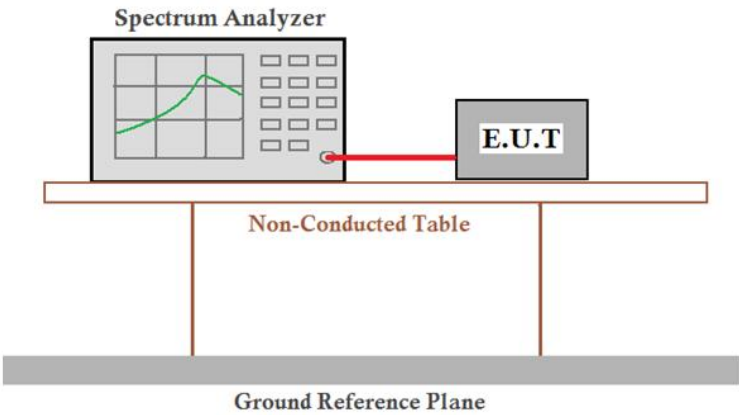


Date: 11.FEB.2025 16:53:22



Date: 11.FEB.2025 16:53:27

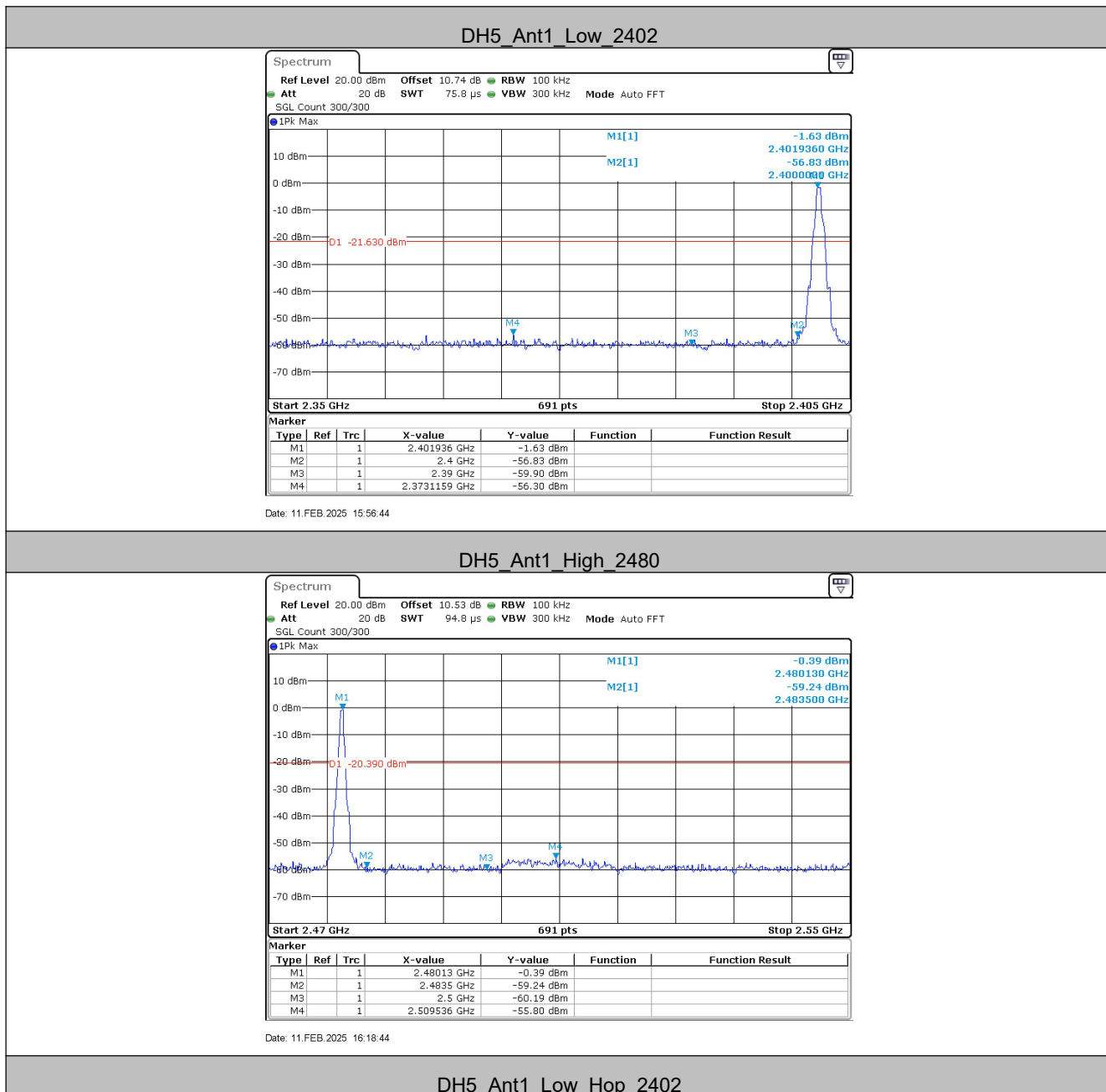
5.8 Band-edge for RF Conducted Emissions

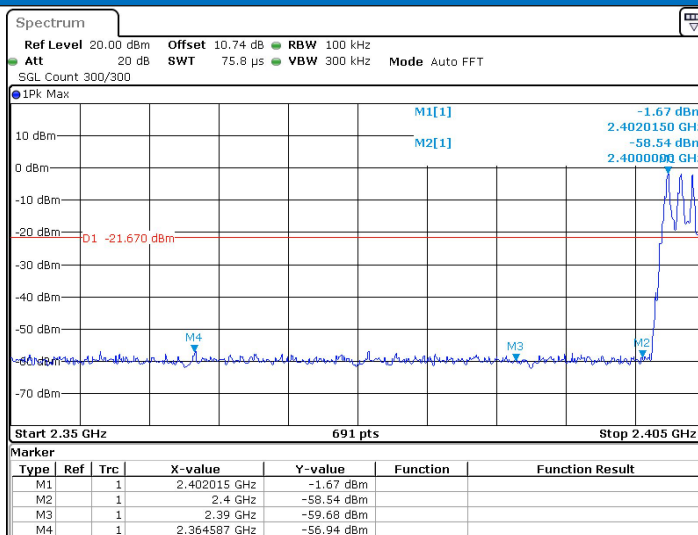
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	 Remark: $Offset = \text{cable loss} + \text{attenuation factor}$.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency 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.
Exploratory Test Mode:	Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Only the worst case is recorded in the report.
Test Results:	Pass

Measurement Data

TestMode	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Low	2402	-1.63	-56.3	≤ -21.63	PASS
	High	2480	-0.39	-55.8	≤ -20.39	PASS
	Low	Hop_2402	-1.67	-56.94	≤ -21.67	PASS
	High	Hop_2480	-1.11	-56.25	≤ -21.11	PASS
2DH5	Low	2402	-2.76	-56.34	≤ -22.76	PASS
	High	2480	-1.99	-55.44	≤ -21.99	PASS
	Low	Hop_2402	-6.80	-57.26	≤ -26.8	PASS
	High	Hop_2480	-5.54	-55.45	≤ -25.54	PASS
3DH5	Low	2402	-2.68	-56.04	≤ -22.68	PASS
	High	2480	-1.50	-56.07	≤ -21.5	PASS
	Low	Hop_2402	-8.53	-56.45	≤ -28.53	PASS
	High	Hop_2480	-5.06	-55.55	≤ -25.06	PASS

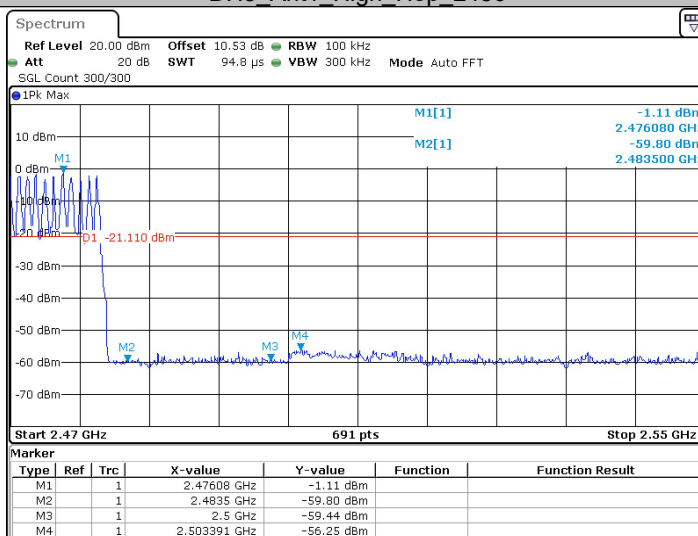
Test plot as follows:





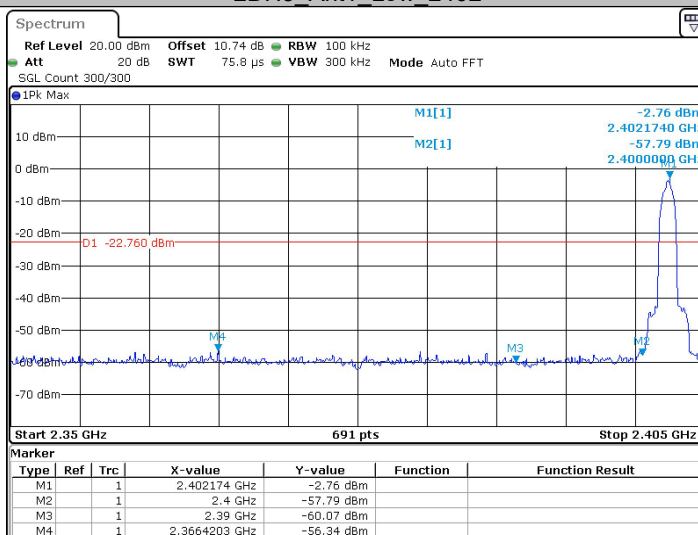
Date: 11.FEB.2025 16:33:52

DH5_Ant1_High_Hop_2480



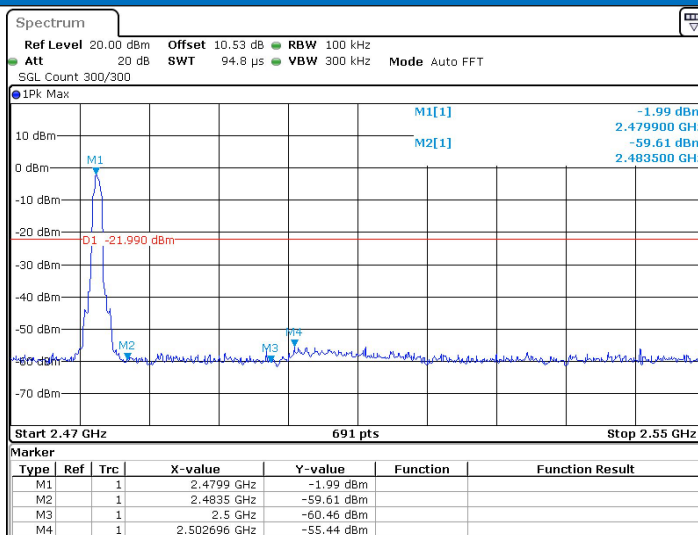
Date: 11.FEB.2025 16:38:43

2DH5_Ant1_Low_2402



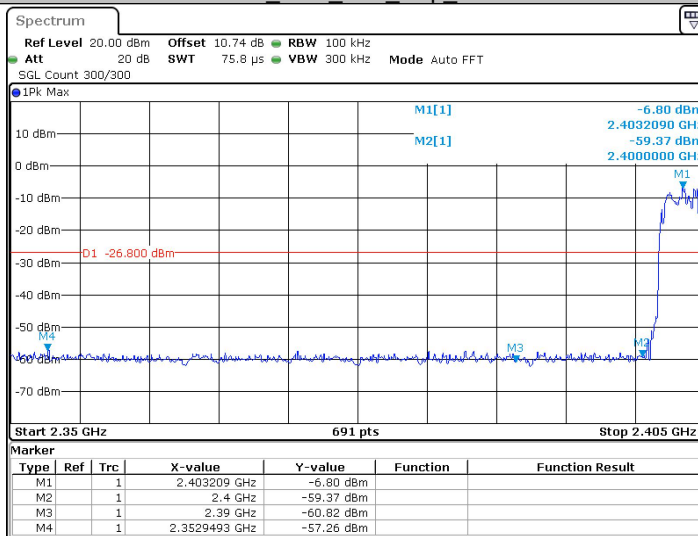
Date: 11.FEB.2025 16:20:25

2DH5_Ant1_High_2480



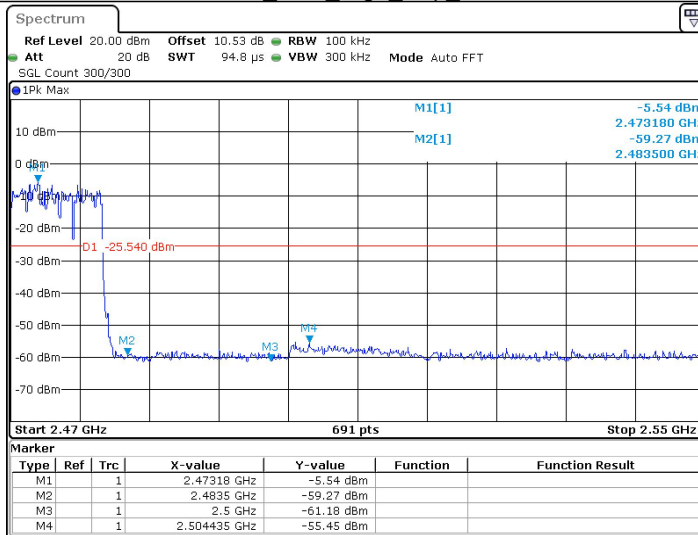
Date: 11.FEB.2025 16:24:41

2DH5_Ant1_Low_Hop_2402



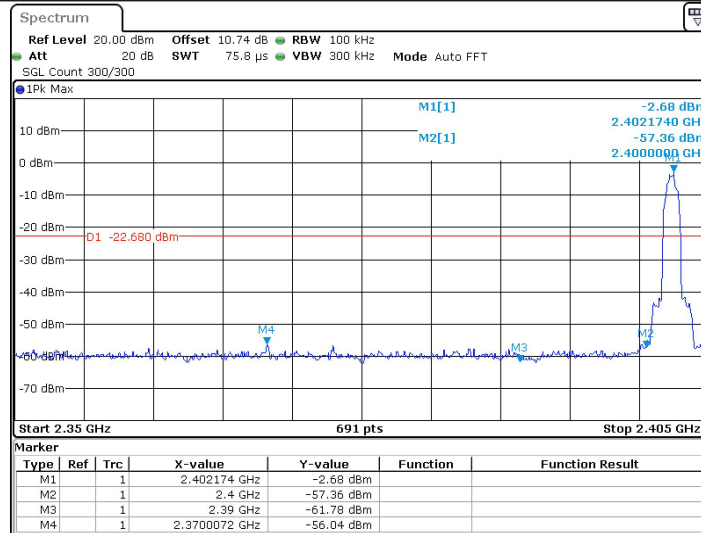
Date: 11.FEB.2025 16:39:35

2DH5_Ant1_High_Hop_2480



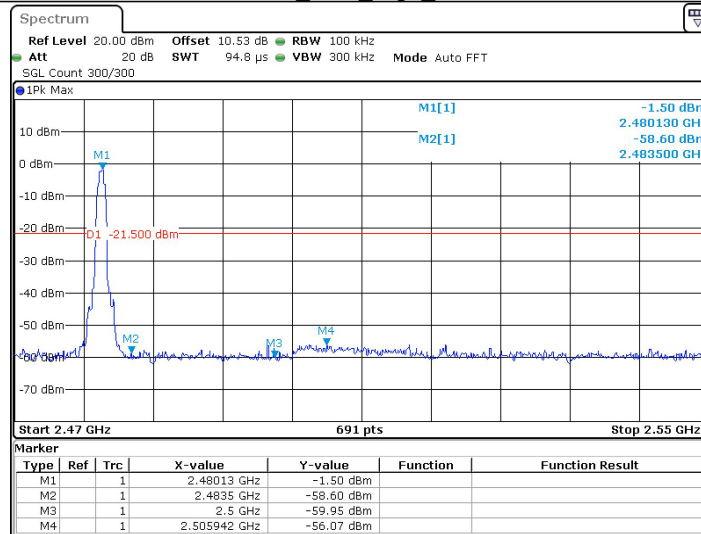
Date: 11.FEB.2025 16:48:28

3DH5_Ant1_Low_2402



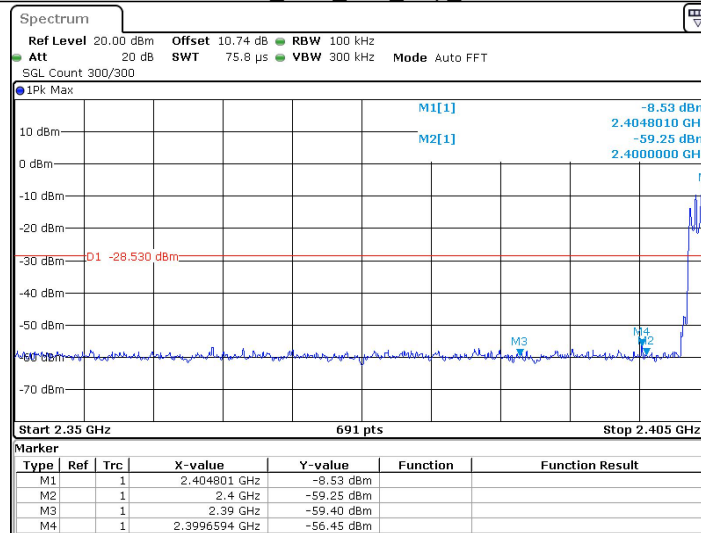
Date: 11.FEB.2025 16:27:32

3DH5_Ant1_High_2480



Date: 11.FEB.2025 16:30:31

3DH5_Ant1_Low_Hop_2402



Date: 11.FEB.2025 16:51:45

3DH5_Ant1_High_Hop_2480