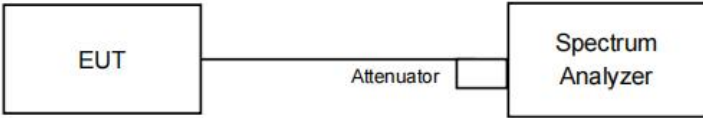


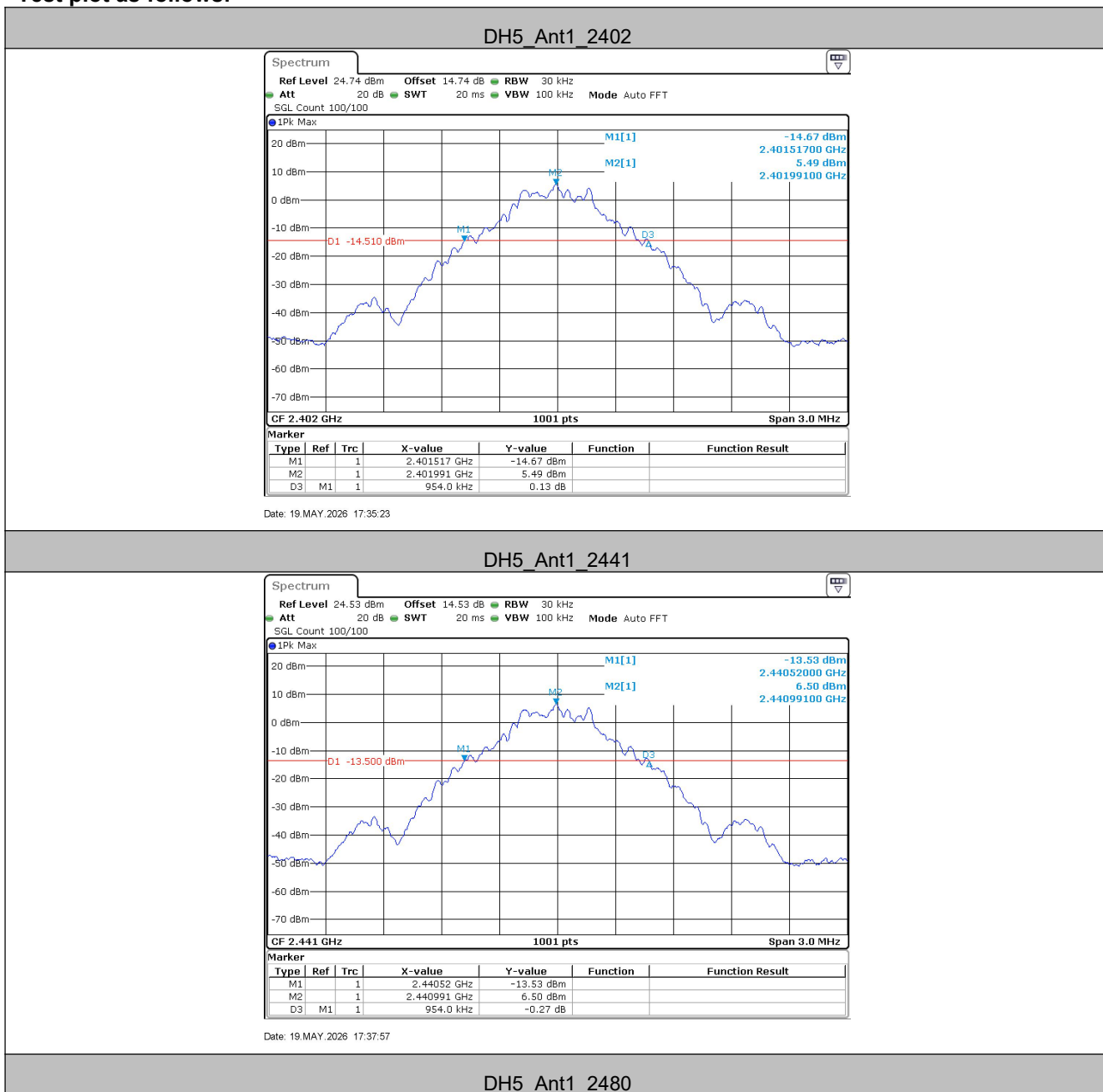
5.4 20dB Occupied Bandwidth

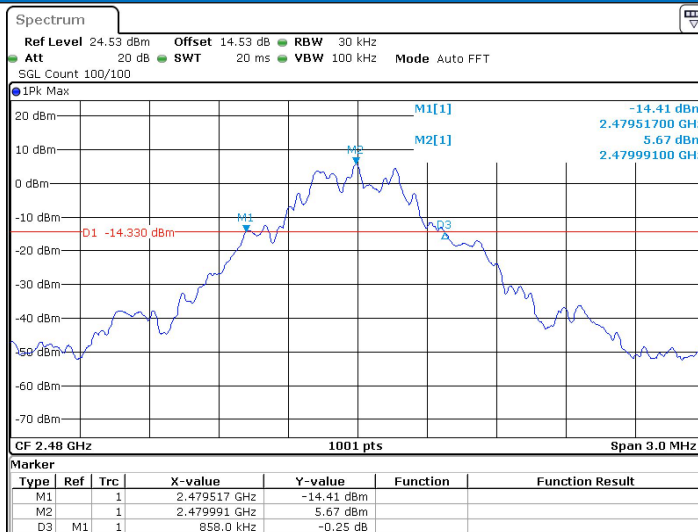
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Limit:	NA
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Only the worst case is recorded in the report.
Test Results:	Pass

Measurement Data

Test channel	20dB Occupy Bandwidth (MHz)		
	GFSK	$\pi/4$ DQPSK	8DPSK
Lowest	0.95	1.18	1.20
Middle	0.95	1.18	1.20
Highest	0.86	1.18	1.20

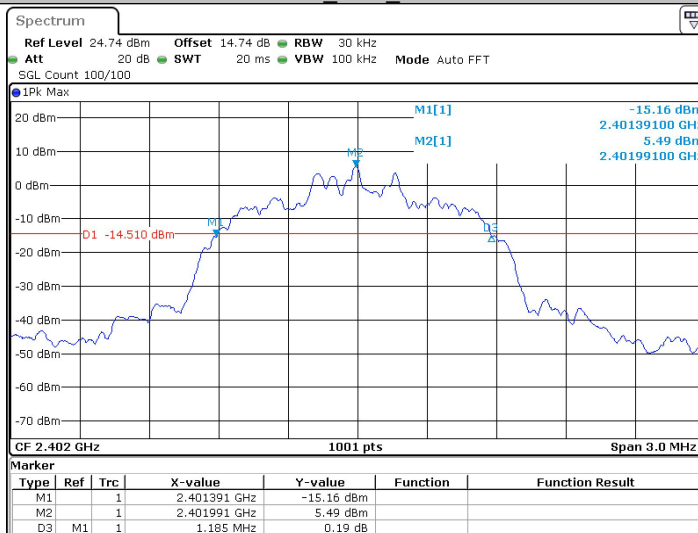
Test plot as follows:





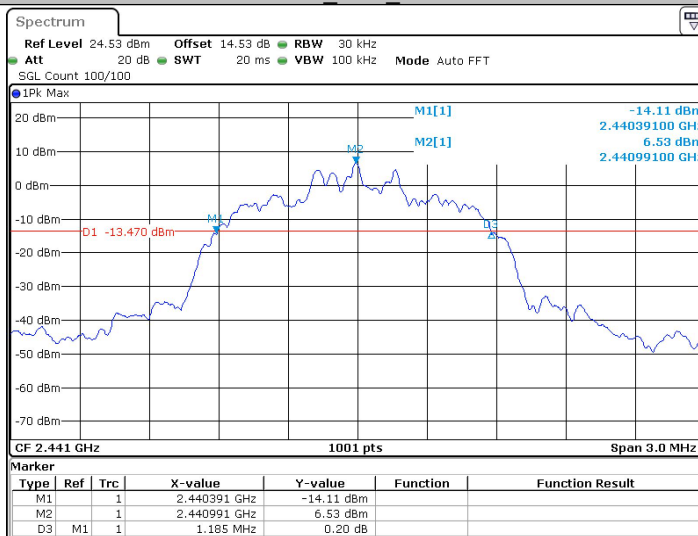
Date: 19.MAY.2026 17:39:07

2DH5_Ant1_2402



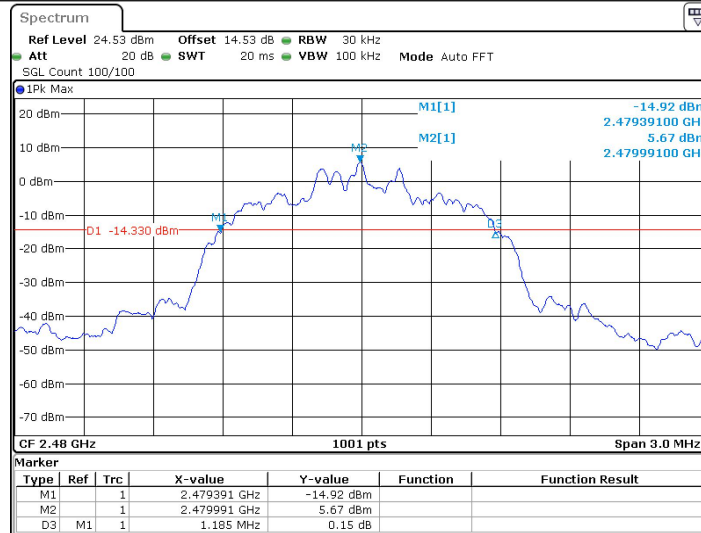
Date: 19.MAY.2026 17:42:57

2DH5_Ant1_2441



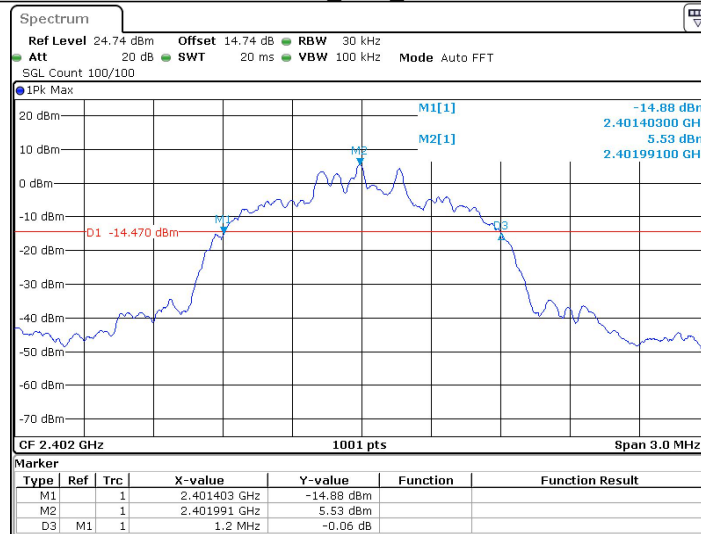
Date: 19.MAY.2026 17:45:08

2DH5_Ant1_2480



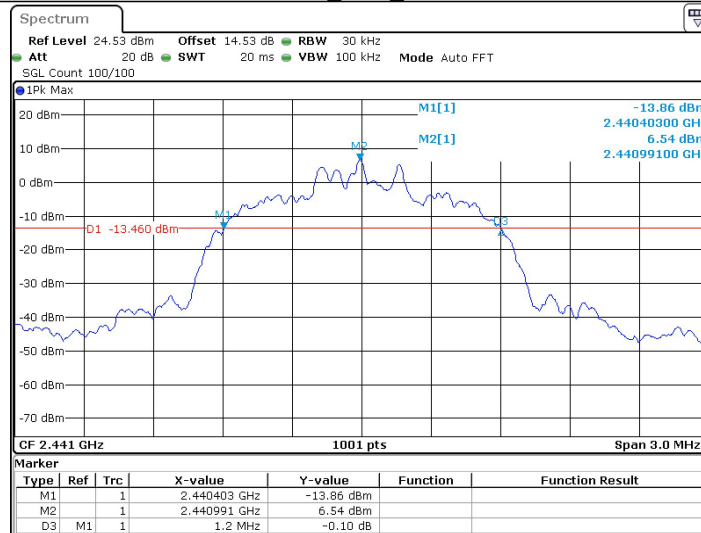
Date: 19.MAY.2026 17:46:16

3DH5_Ant1_2402



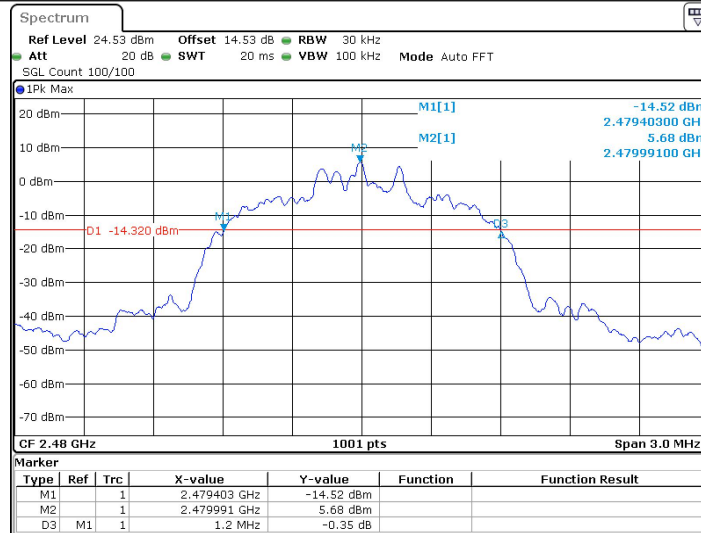
Date: 19.MAY.2026 17:49:10

3DH5_Ant1_2441



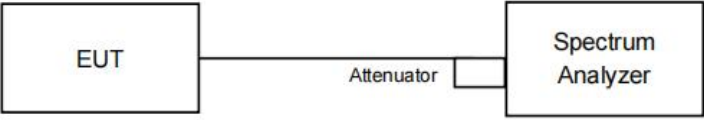
Date: 19.MAY.2026 17:51:53

3DH5_Ant1_2480



Date: 19.MAY.2026 17:52:48

5.5 Carrier Frequencies Separation

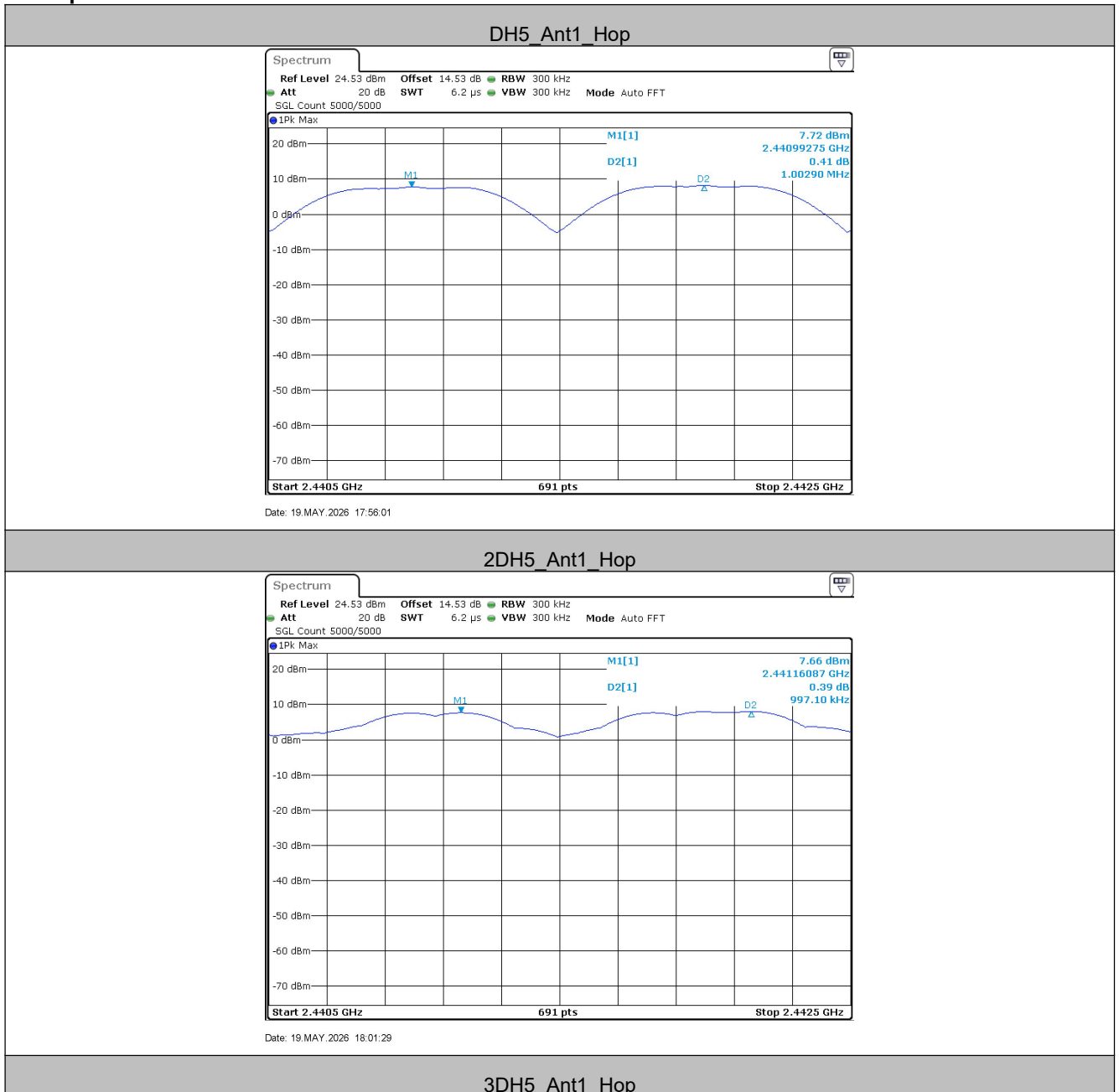
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Limit:	2/3 of the 20dB bandwidth
	Remark: the transmission power is less than 0.125W.
Exploratory Test Mode:	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

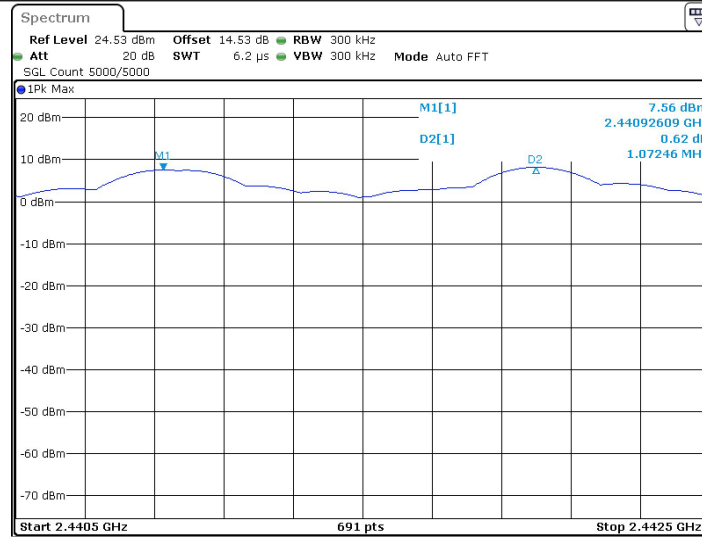
Measurement Data

TestMode	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Hop	1.003	≥ 0.633	PASS
2DH5	Hop	0.997	≥ 0.787	PASS
3DH5	Hop	1.072	≥ 0.800	PASS

Mode	20dB bandwidth (MHz) (worse case)	Limit (MHz) (Carrier Frequencies Separation)
GFSK	0.95	≥ 0.633
$\pi/4$ DQPSK	1.18	≥ 0.787
8DPSK	1.20	≥ 0.800

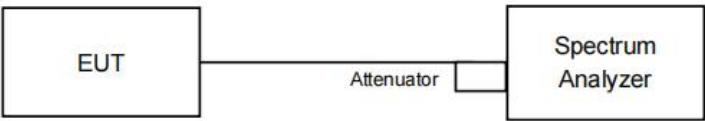
Test plot as follows:





Date: 19.MAY.2026 18:13:17

5.6 Hopping Channel Number

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Setup:	 <i>Remark: Offset=Cable loss+ attenuation factor.</i>
Limit:	At least 15 channels
Exploratory Test Mode:	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

Mode	Hopping channel numbers	Limit
GFSK	79	≥15
$\pi/4$ DQPSK	79	≥15
8DPSK	79	≥15

Test plot as follows:

