

Fig. 71 BurstWidth (Dwell Time) (8DPSK, CH39)

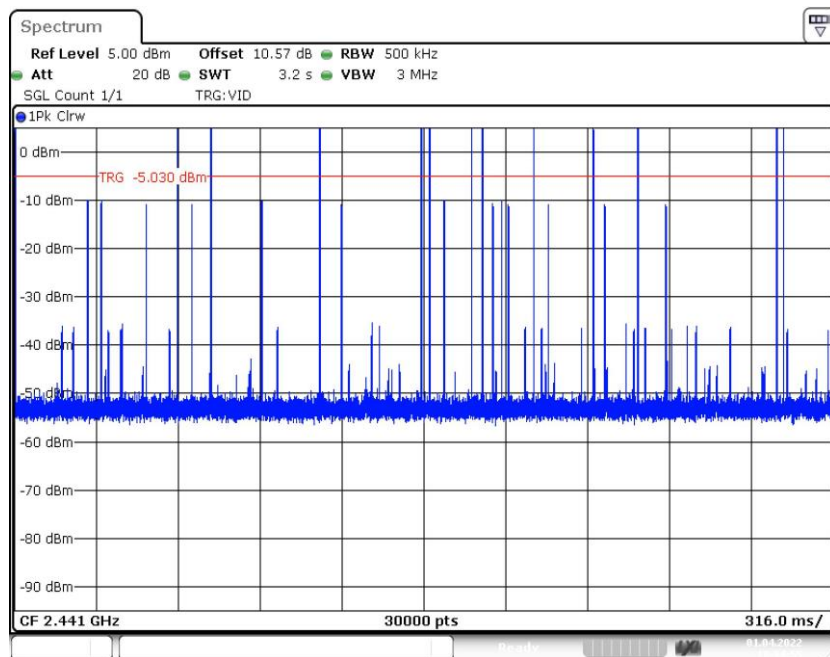


Fig. 72 Number of Burst in Observation Period (Dwell Time) (8DPSK, CH39)



A.7 Number of Hopping Channels

Measurement Limit:

Standard	Limit (Num)
FCC 47 CFR Part 15.247(a) & RSS-247 Section 5.1	At least 15 non-overlapping channels

Measurement Results:

Mode	Packet	Number of Hopping Channels	Test results (Num)	Conclusion
GFSK	DH5	Fig.73	79	P
$\pi/4$ DQPSK	2-DH5	Fig.74	79	P
8DPSK	3-DH5	Fig.75	79	P

See below for test graphs.

Conclusion: Pass

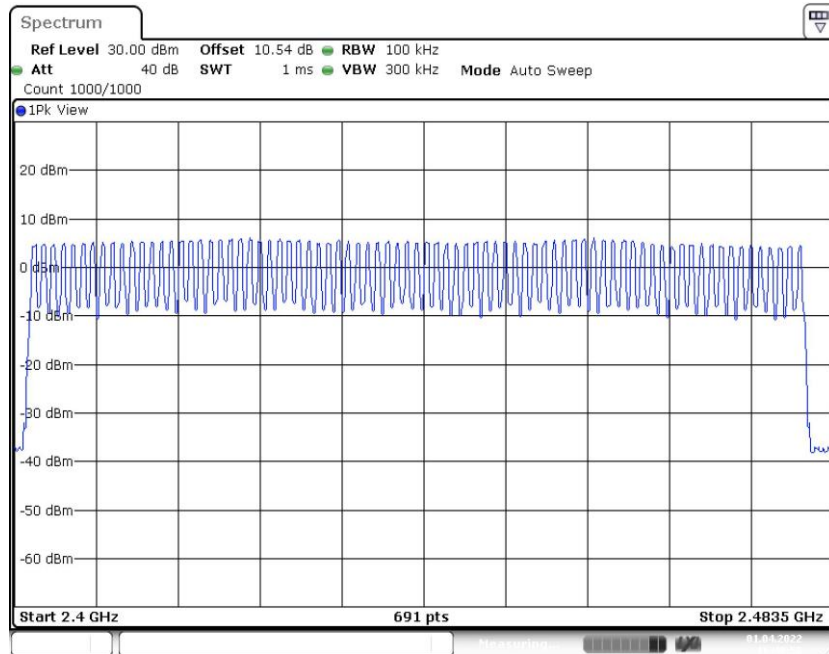


Fig. 73 Number of Hopping Channels (GFSK, Hopping)

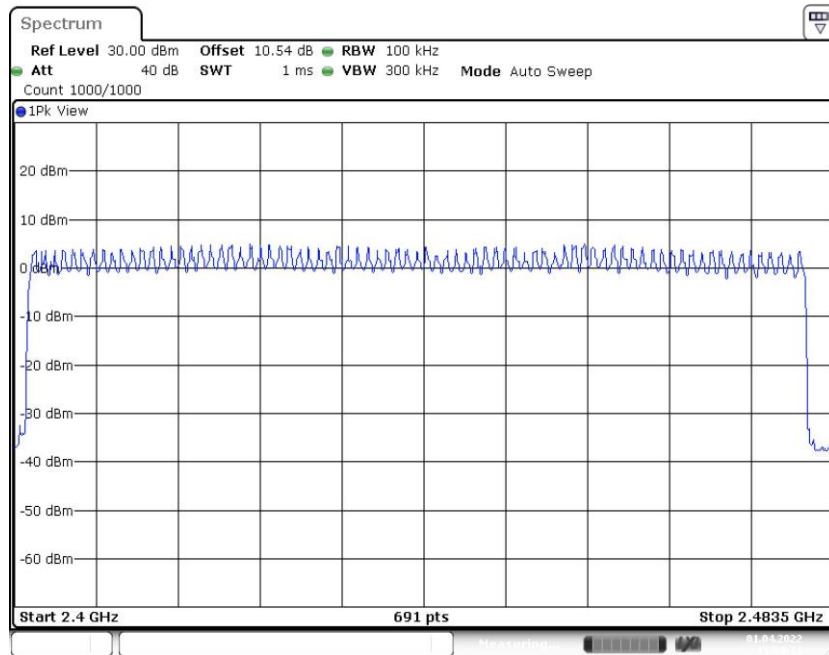


Fig. 74 Number of Hopping Channels ($\pi/4$ DQPSK, Hopping)

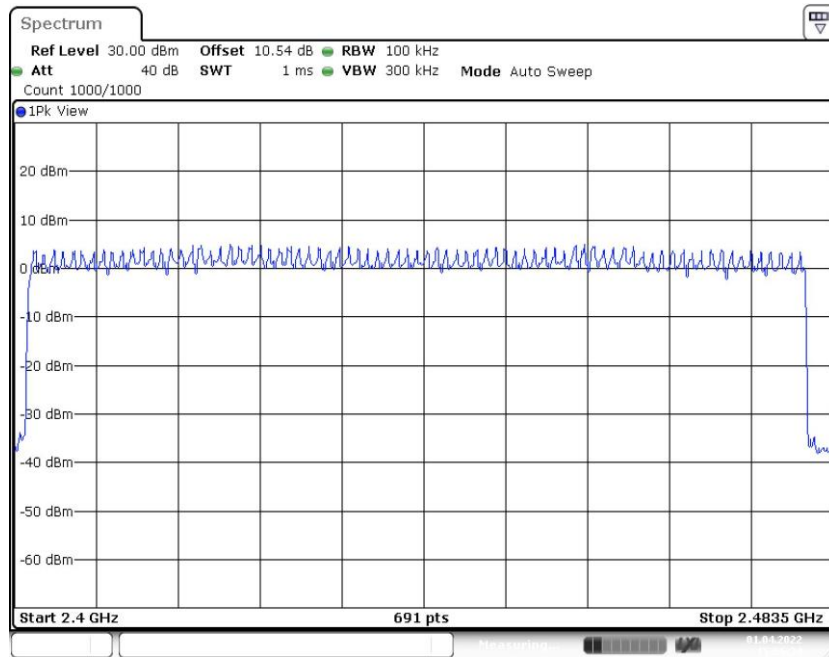


Fig. 75 Number of Hopping Channels (8DPSK, Hopping)

A.8 Carrier Frequency Separation

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(a) & RSS-247 Section 5.1	By a minimum of 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater

Measurement Results:

Mode	Channel	Packet	Separation of hopping channels	Test result (kHz)	Conclusion
GFSK	39	DH5	Fig.76	994.00	P
$\pi/4$ DQPSK	39	2-DH5	Fig.77	1003.00	P
8DPSK	39	3-DH5	Fig.78	997.00	P

See below for test graphs.

Conclusion: Pass

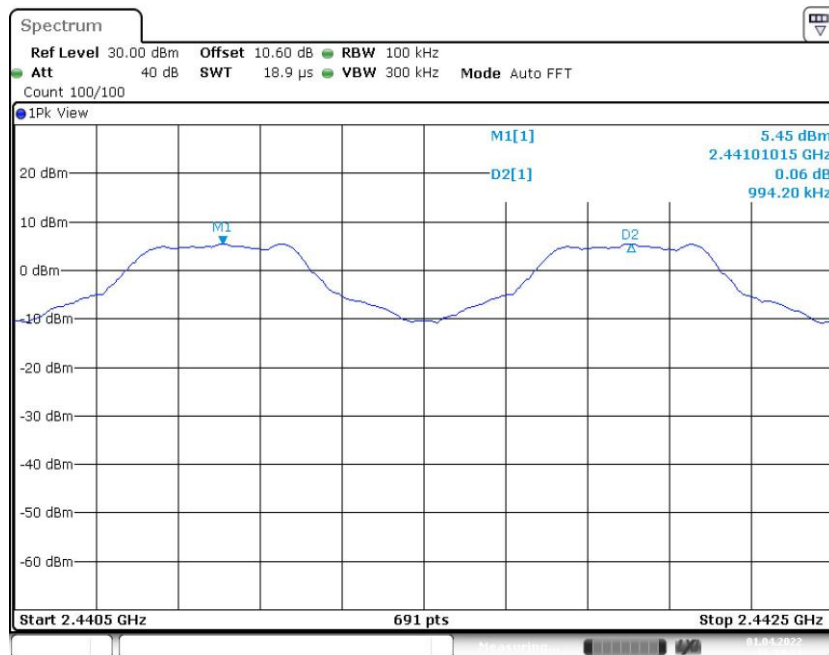


Fig. 76 Carrier Frequency Separation (GFSK, CH39)

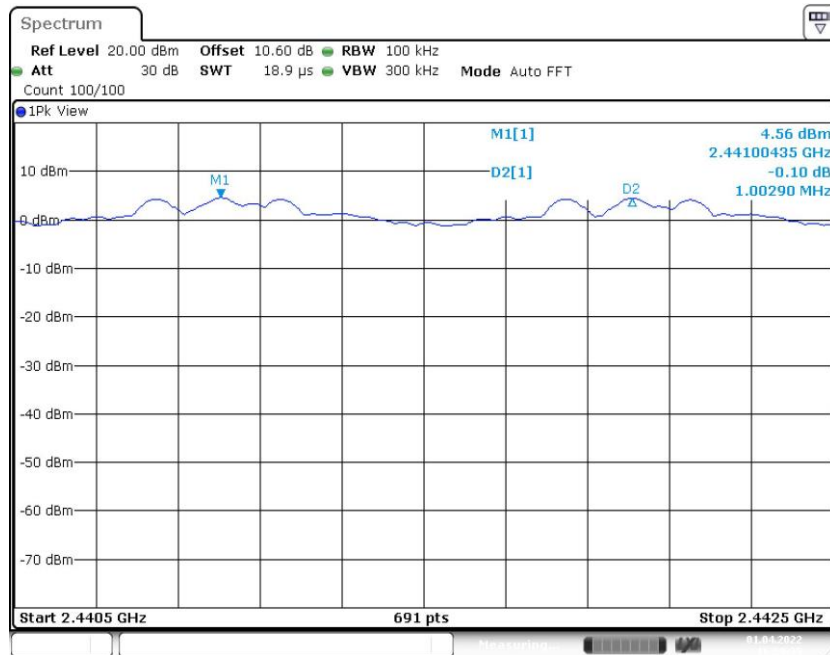


Fig. 77 Carrier Frequency Separation ($\pi/4$ DQPSK, CH39)

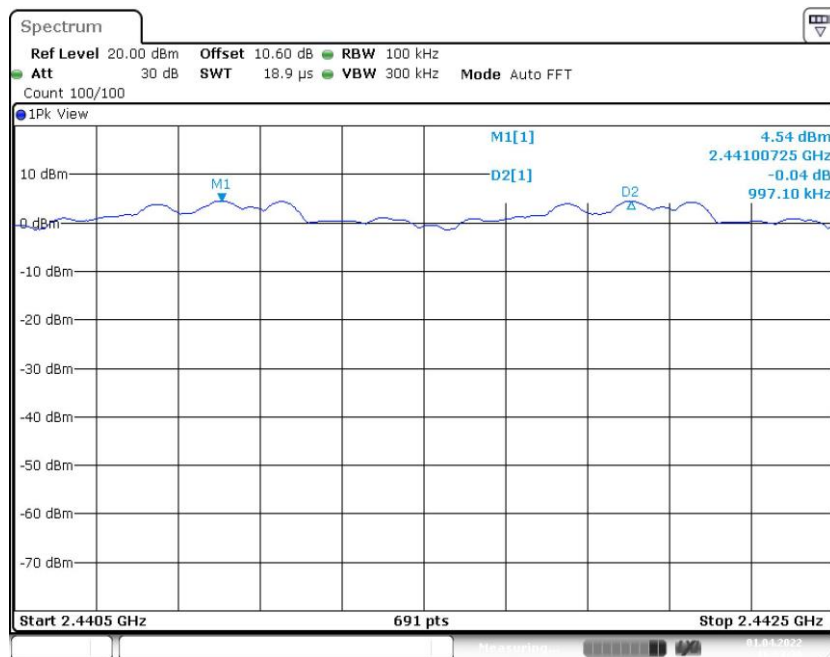


Fig. 78 Carrier Frequency Separation (8DPSK, CH39)

A.9 99% Occupied Bandwidth

Measurement Limit:

Standard	Limit
RSS-Gen section 6.7	/

Measurement Result:

Mode	Channel	Occupied Bandwidth (kHz)		conclusion
GFSK	0	Fig.79	896.00	/
	39	Fig.80	896.00	
	78	Fig.81	899.00	
$\pi/4$ DQPSK	0	Fig.82	1178.00	/
	39	Fig.83	1175.00	
	78	Fig.84	1178.00	
8DPSK	0	Fig.85	1175.00	/
	39	Fig.86	1172.00	
	78	Fig.87	1175.00	

See below for test graphs.

Conclusion: Pass

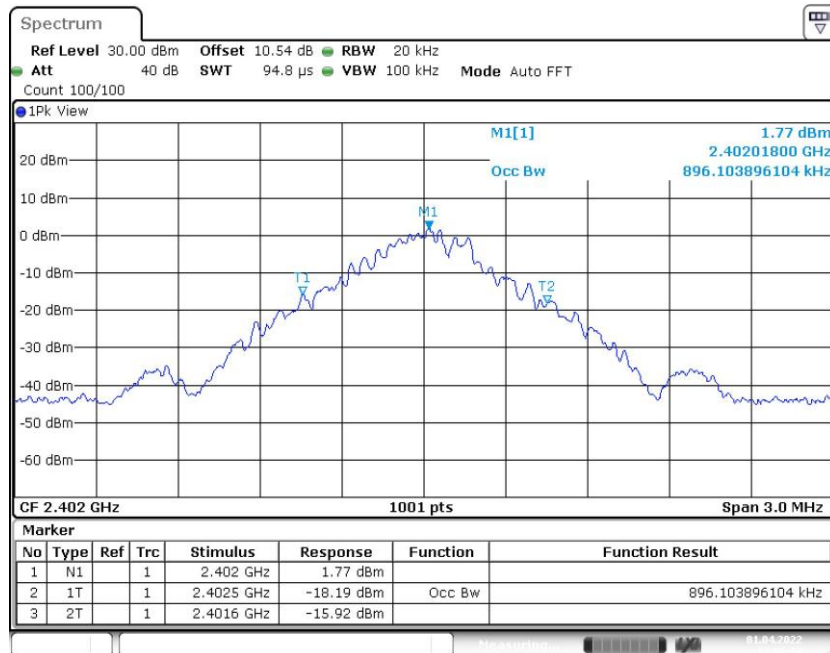


Fig. 79 99% Occupied Bandwidth (GFSK, CH0)

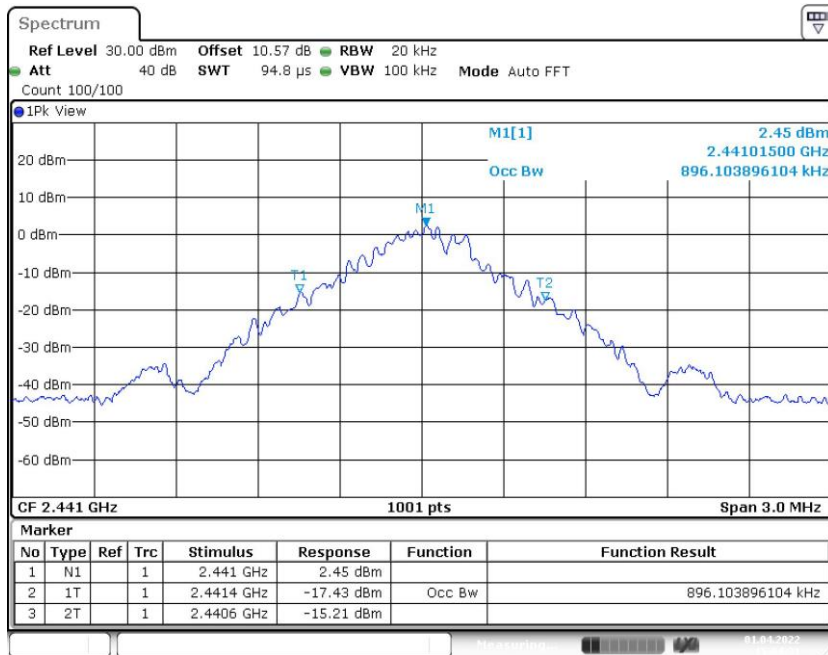


Fig. 80 99% Occupied Bandwidth (GFSK, CH39)



Fig. 81 99% Occupied Bandwidth (GFSK, CH78)

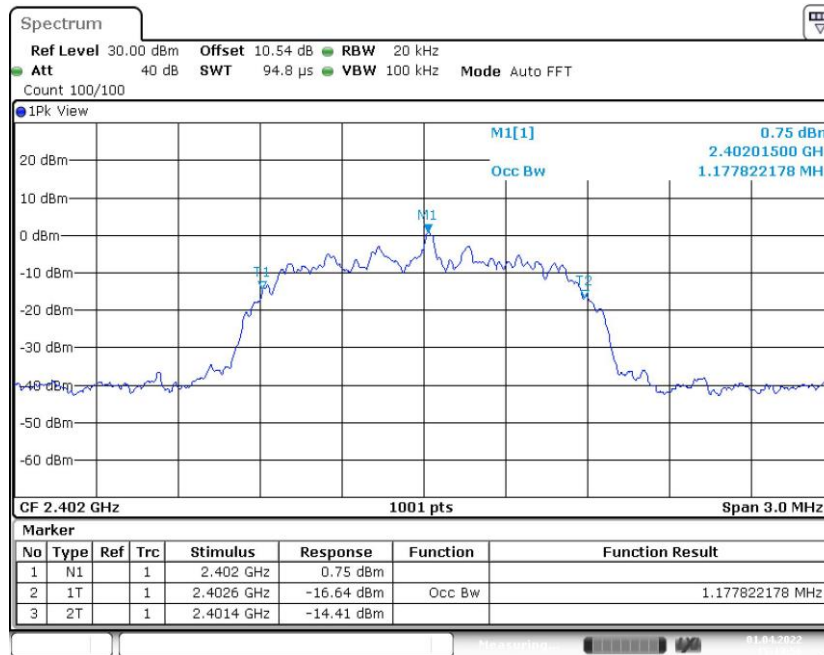


Fig. 82 99% Occupied Bandwidth ($\pi/4$ DQPSK, CH0)

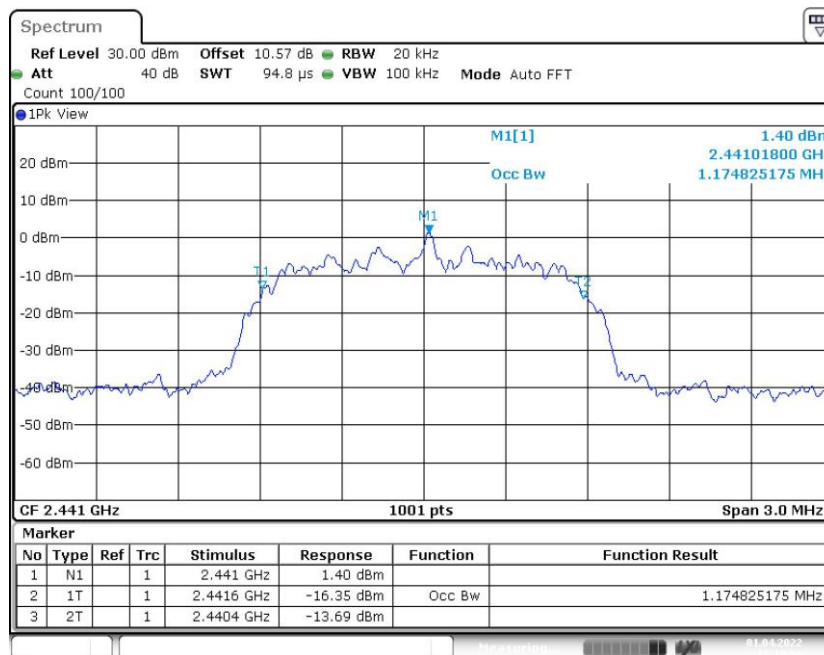


Fig. 83 99% Occupied Bandwidth ($\pi/4$ DQPSK, CH39)

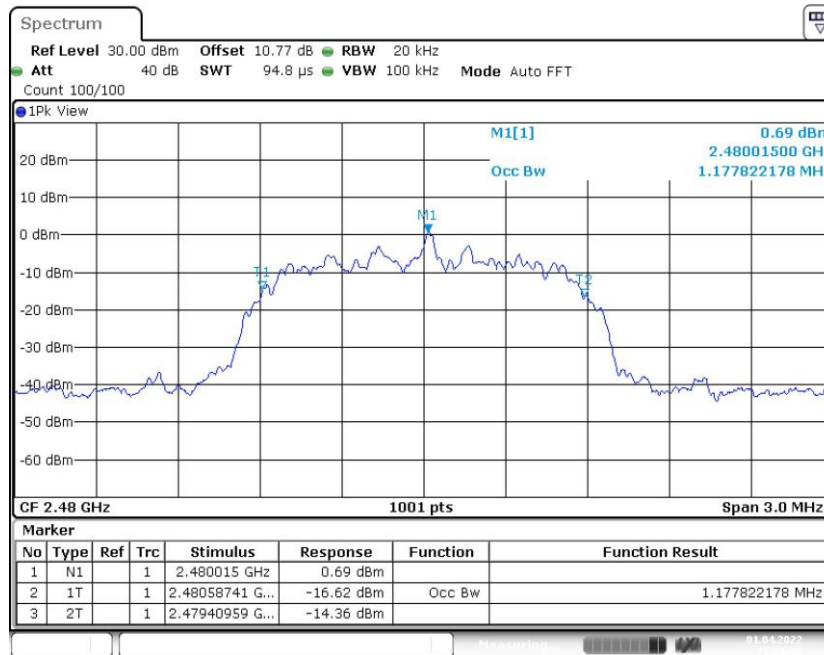


Fig. 84 99% Occupied Bandwidth ($\pi/4$ DQPSK, CH78)

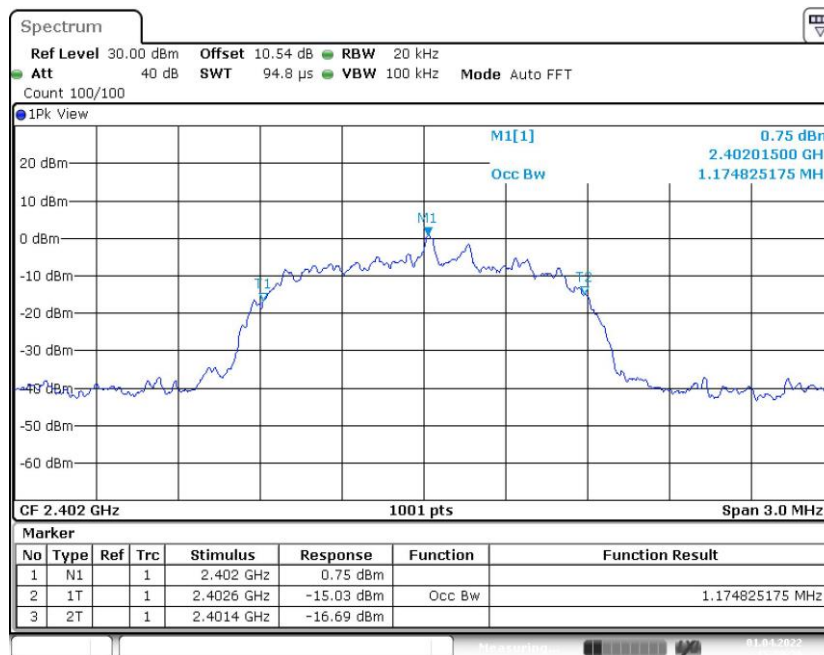


Fig. 85 99% Occupied Bandwidth (8DPSK, CH0)

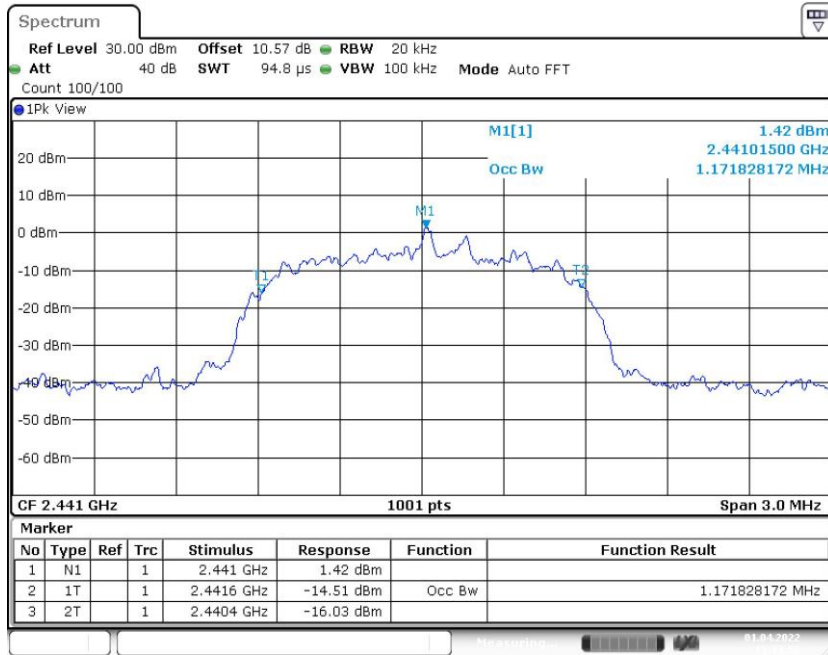


Fig. 86 99% Occupied Bandwidth (8DPSK, CH39)

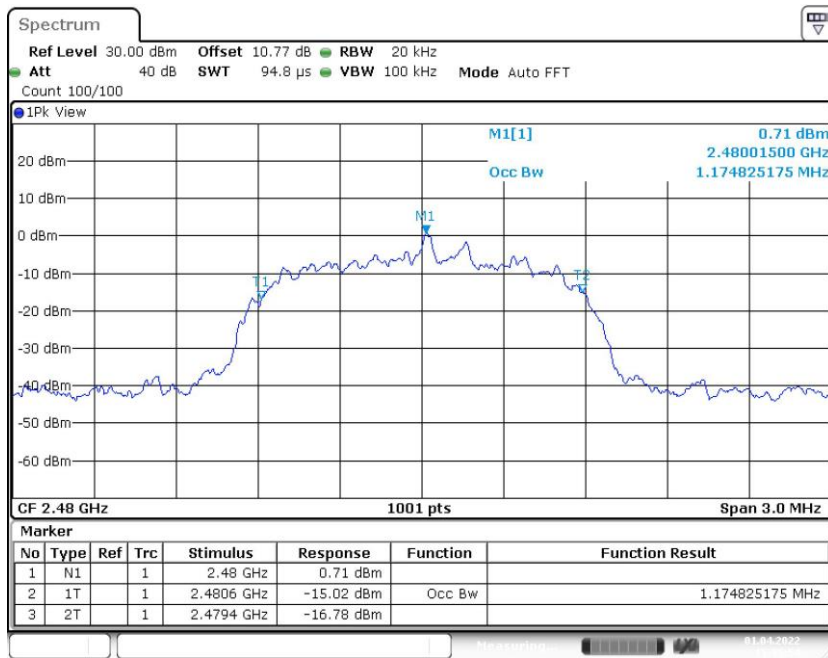





Fig. 87 99% Occupied Bandwidth (8DPSK, CH78)

ANNEX B: Accreditation Certificate

<p>United States Department of Commerce National Institute of Standards and Technology</p> <div style="display: flex; justify-content: center; align-items: center;"><div style="font-size: 2em; font-weight: bold; margin-right: 20px;">NVLAP[®]</div><div style="text-align: center;"></div></div> <hr/> <p style="font-size: 1.2em; font-weight: bold;">Certificate of Accreditation to ISO/IEC 17025:2017</p> <hr/> <p>NVLAP LAB CODE: 600118-0</p> <p style="text-align: center;">Telecommunication Technology Labs, CAICT Beijing China</p> <p style="text-align: center;"><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p> <p style="text-align: center;">Electromagnetic Compatibility & Telecommunications</p> <p style="text-align: center;"><i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i></p> <div style="display: flex; justify-content: space-between; align-items: center;"><div style="text-align: center;"><hr/><p>2021-09-29 through 2022-09-30 <i>Effective Dates</i></p></div><div style="text-align: center;"></div><div style="text-align: center;"> <hr/><p><i>For the National Voluntary Laboratory Accreditation Program</i></p></div></div>	
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