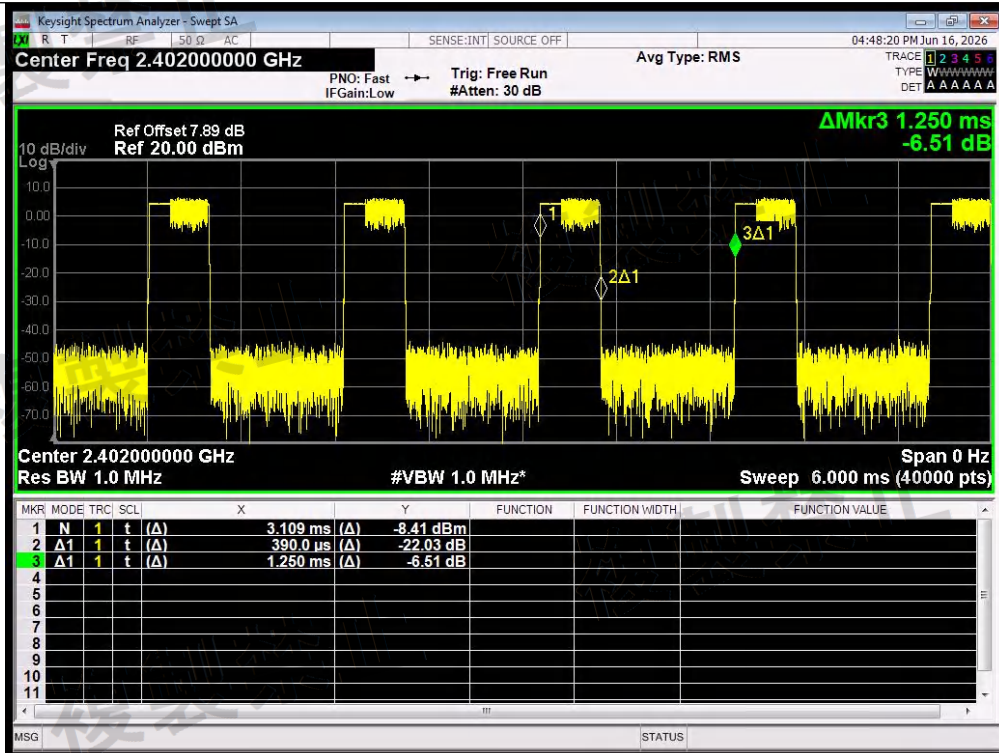
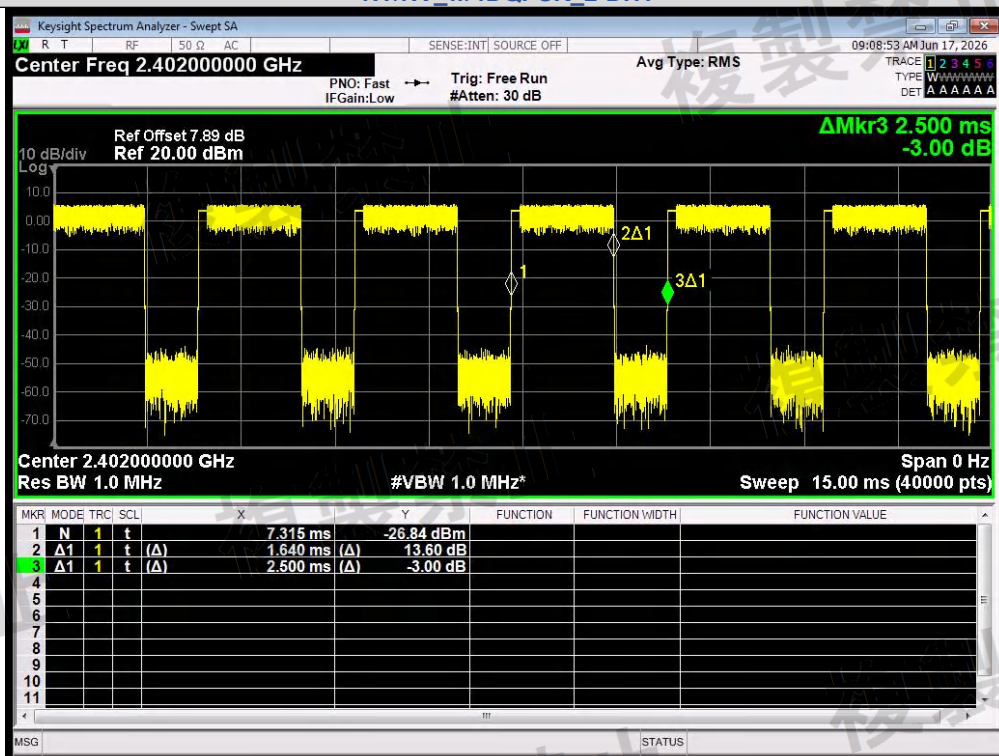
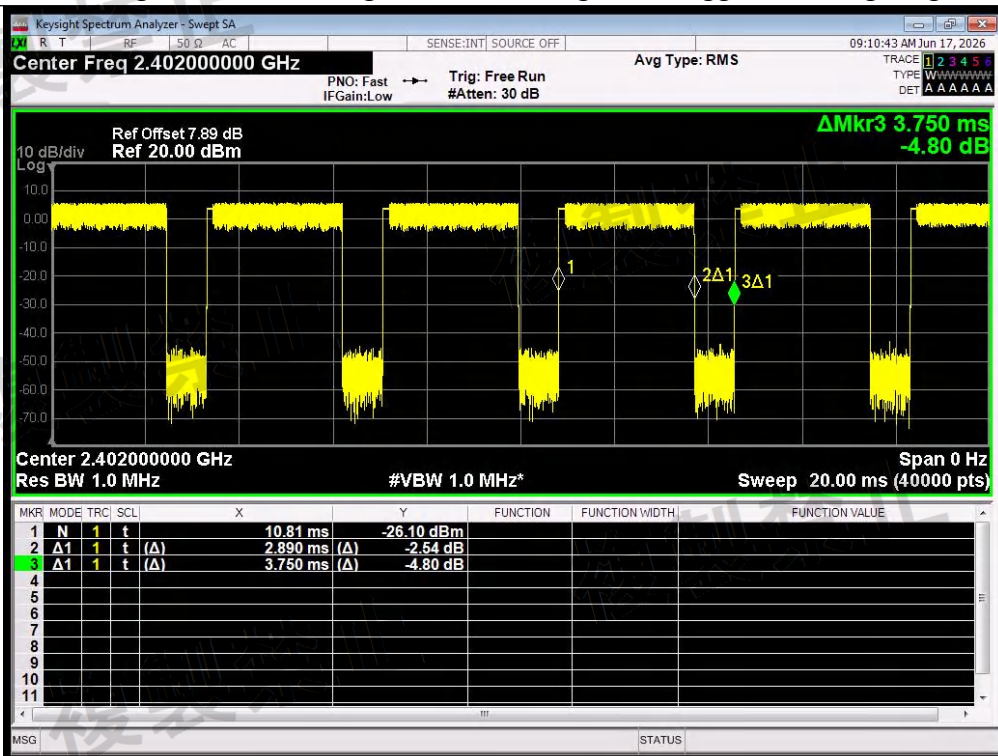




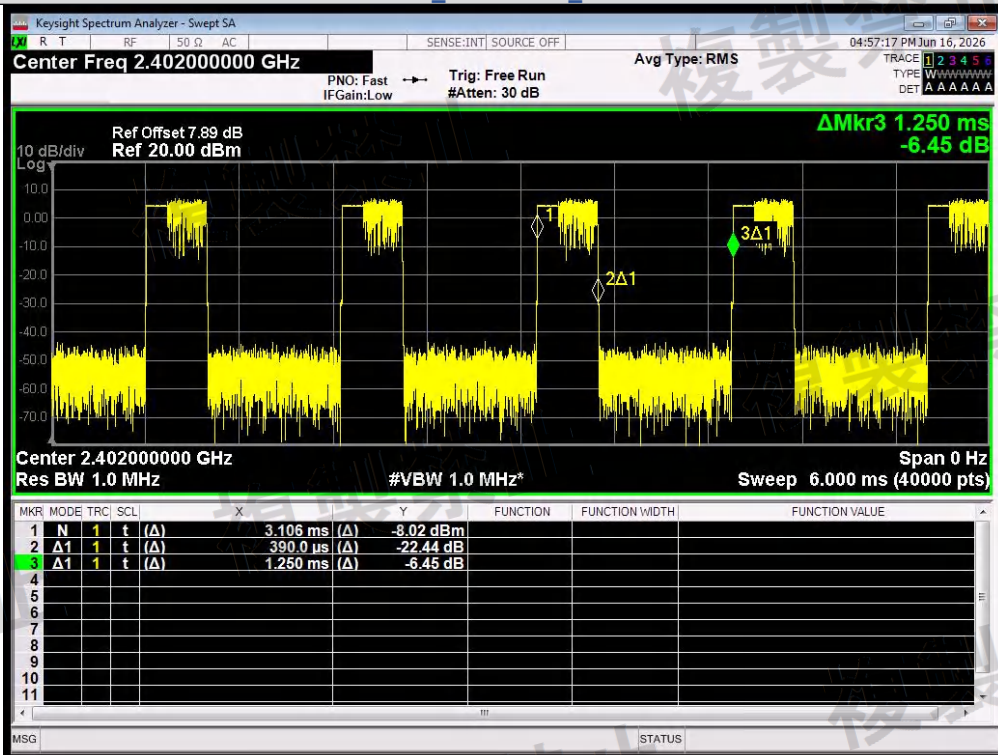
Dwell Time
NT/NV $\pi/4$ DQPSK_2-DH1



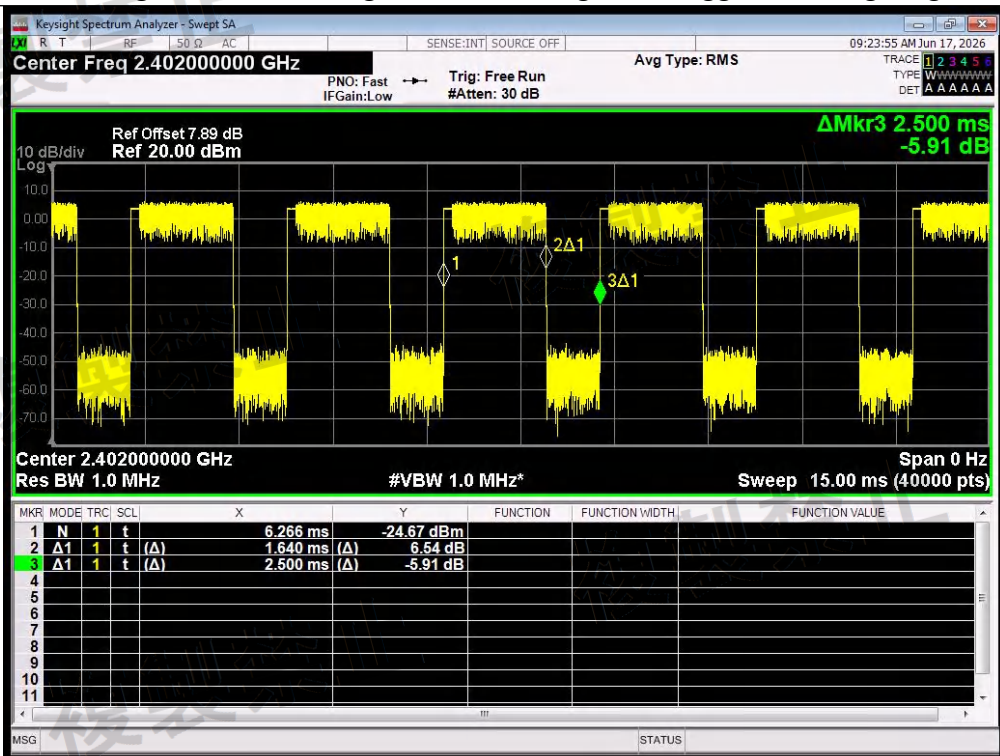
Dwell Time
NT/NV $\pi/4$ DQPSK_2-DH3



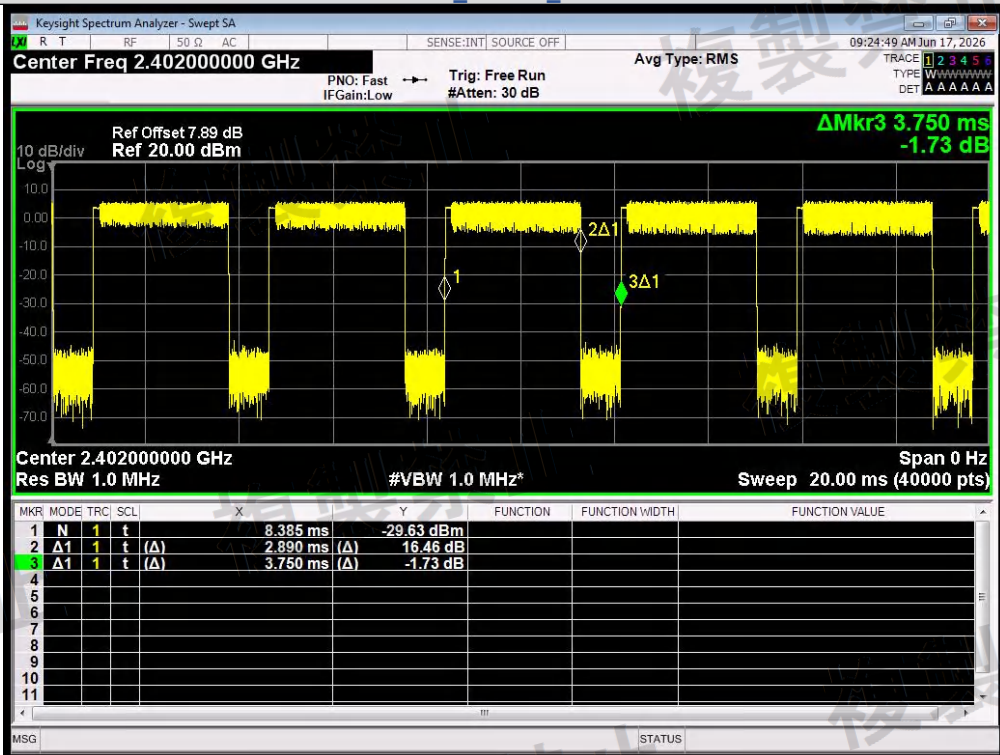
Dwell Time
NT/NV_π/4QPSK_2-DH5



Dwell Time
NT/NV_8DPSK_3-DH1



Dwell Time
NT/NV_8DPSK_3-DH3



Dwell Time
NT/NV_8DPSK_3-DH5



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21/F., Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30,
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A.6 SPURIOUS EMISSIONS

Test Result GFSK_DH1

Condi on	Frequen cy Range	Lowest Channel			Middle Channel			Highest Channel			Limit (μ W/MH z)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	
NT/NV	30 to 1000	913.47 2	-37.857	0.164	927.97 4	-52.420	0.006	781.69 1	-53.078	0.005	2.5
NT/NV	1000 to 2387	2020.4 67	-51.679	0.007	2257.4 48	-51.198	0.008	2227.0 02	-51.350	0.007	2.5
NT/NV	2387 to 2400	2399.8 12	-28.836	1.307	2399.0 24	-46.696	0.021	2394.7 67	-51.599	0.007	25
NT/NV	2483.5 to 2496.5	2484.8 73	-51.572	0.007	2483.7 52	-48.991	0.013	2483.5 55	-36.845	0.207	25
NT/NV	2496.5 to 12500	5752.8 02	-56.272	0.002	4765.4 07	-56.238	0.002	4814.9 27	-56.177	0.002	2.5
Result:PASS											

π /4DQPSK_2-DH1

Condi on	Frequen cy Range	Lowest Channel			Middle Channel			Highest Channel			Limit (μ W/MH z)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	
NT/NV	30 to 1000	204.80 3	-52.407	0.006	218.82 0	-52.556	0.006	193.11 4	-52.864	0.005	0.25
NT/NV	1000 to 2387	2369.1 76	-51.771	0.007	2340.4 64	-51.522	0.007	2365.6 39	-51.608	0.007	2.5
NT/NV	2387 to 2400	2399.9 97	-29.629	1.089	2400.0 00	-33.278	0.47	2393.4 76	-51.676	0.007	25
NT/NV	2483.5 to 2496.5	2494.8 26	-51.517	0.007	2483.6 42	-42.790	0.053	2483.5 60	-38.799	0.132	25
NT/NV	2496.5 to 12500	4761.9 06	-55.816	0.003	4798.9 21	-56.792	0.002	2512.0 06	-55.665	0.003	2.5
Result:PASS											

8DPSK_3-DH1

Condi on	Frequen cy Range	Lowest Channel			Middle Channel			Highest Channel			Limit (μ W/MH z)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (μ W/MH z)	
NT/NV	30 to 1000	209.50 7	-53.212	0.005	182.73 4	-52.795	0.005	186.17 8	-52.535	0.006	0.25
NT/NV	1000 to 2387	2139.8 94	-51.972	0.006	2381.7 29	-51.544	0.007	2304.4 69	-51.697	0.007	2.5
NT/NV	2387 to 2400	2399.9 97	-28.181	1.52	2399.8 45	-46.895	0.02	2392.2 06	-52.009	0.006	25
NT/NV	2483.5 to 2496.5	2483.6 14	-51.569	0.007	2485.9 19	-47.679	0.017	2483.7 04	-39.105	0.123	25
NT/NV	2496.5 to 12500	5676.7 72	-57.123	0.002	5643.7 58	-56.407	0.002	5780.3 13	-46.321	0.023	2.5
Result:PASS											

Hopping

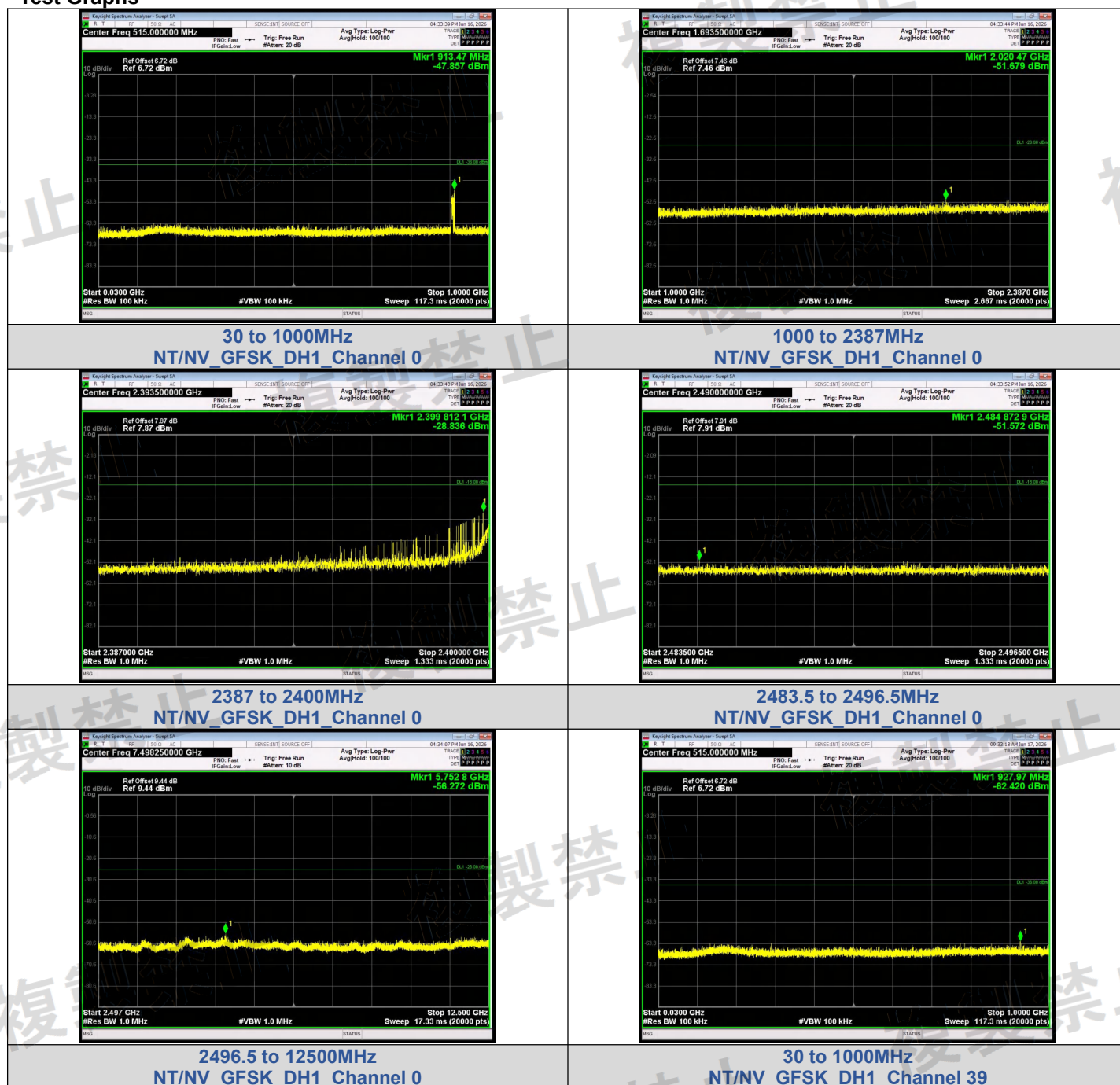
Mode	Ch.	Range	Peak (MHz)	Emission (dBm)	Limit	Margin (dBm)	Verdict
GFSK_DH1	Hopping	30 to 1000	927.973899	-52.42	-36	-16.42	PASS
GFSK_DH1	Hopping	1000 to 2387	2257.447722	-51.198	-26	-25.2	PASS
GFSK_DH1	Hopping	2387 to 2400	2399.024301	-46.696	-16	-30.7	PASS
GFSK_DH1	Hopping	2483.5 to	2483.752213	-48.991	-16	-32.99	PASS

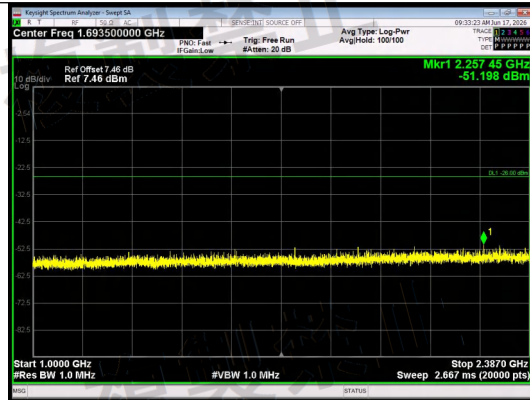


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Tangxia District, Dongshen Road, Tangxia, Dongguan, Guangdong, China

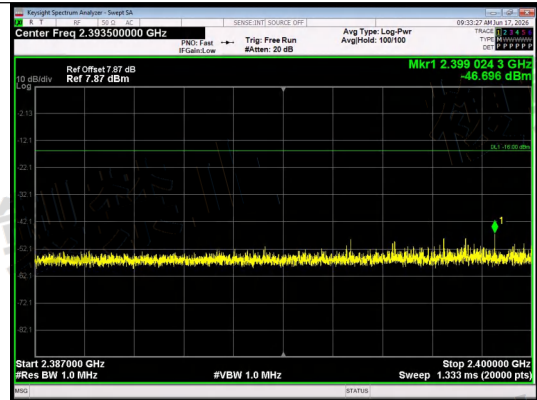
GFSK_DH1	Hopping	2496.5 to 12500	4765.407245	-56.238	-26	-30.24	PASS
$\pi/4$ DQPSK_2-DH1	Hopping	30 to 1000	218.819941	-52.556	-36	-16.56	PASS
$\pi/4$ DQPSK_2-DH1	Hopping	1000 to 2387	2340.463823	-51.522	-26	-25.52	PASS
$\pi/4$ DQPSK_2-DH1	Hopping	2387 to 2400	2400.0	-33.278	-16	-17.28	PASS
$\pi/4$ DQPSK_2-DH1	Hopping	2483.5 to 2496.5	2483.642357	-42.79	-16	-26.79	PASS
$\pi/4$ DQPSK_2-DH1	Hopping	2496.5 to 12500	4798.920646	-56.792	-26	-30.79	PASS
8DPSK_3-DH1	Hopping	30 to 1000	182.734137	-52.795	-36	-16.8	PASS
8DPSK_3-DH1	Hopping	1000 to 2387	2381.729136	-51.544	-26	-25.54	PASS
8DPSK_3-DH1	Hopping	2387 to 2400	2399.844642	-46.895	-16	-30.9	PASS
8DPSK_3-DH1	Hopping	2483.5 to 2496.5	2485.919421	-47.679	-16	-31.68	PASS
8DPSK_3-DH1	Hopping	2496.5 to 12500	5643.758463	-56.407	-26	-30.41	PASS

Test Graphs

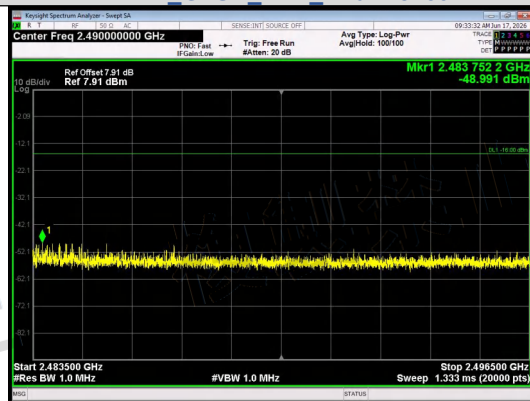




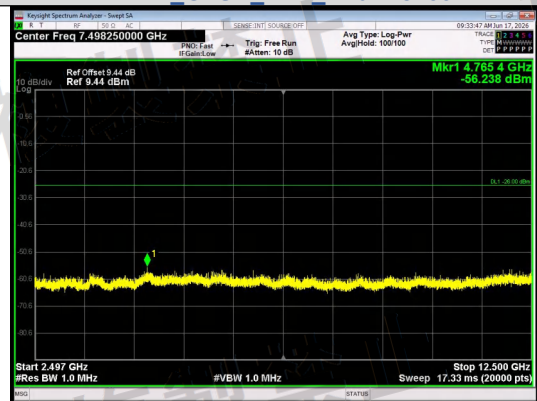
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NT/NV_GFSK_DH1_Channel 39**



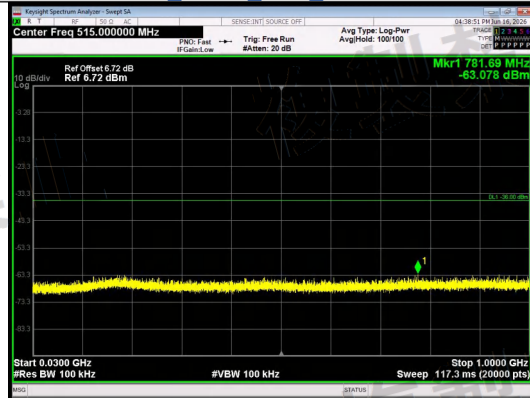
**2387 to 2400MHz
NT/NV_GFSK_DH1_Channel 39**



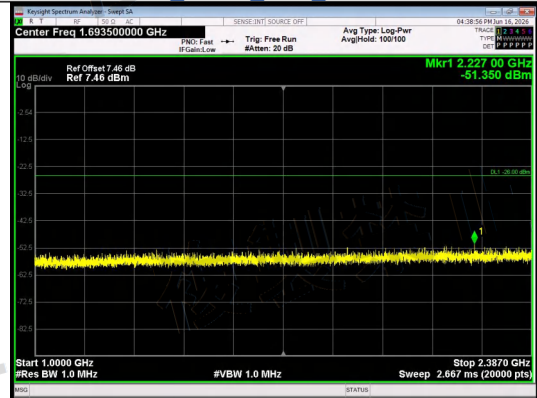
**2483.5 to 2496.5MHz
NT/NV_GFSK_DH1_Channel 39**



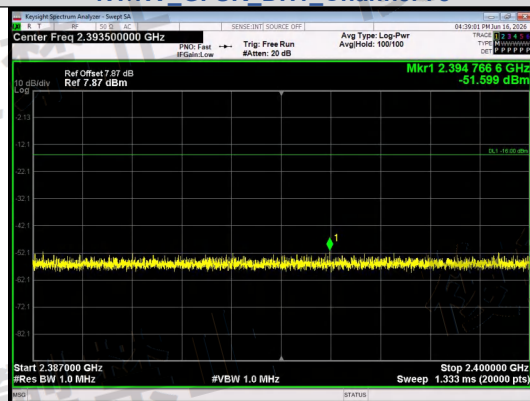
**2496.5 to 12500MHz
NT/NV_GFSK_DH1_Channel 39**



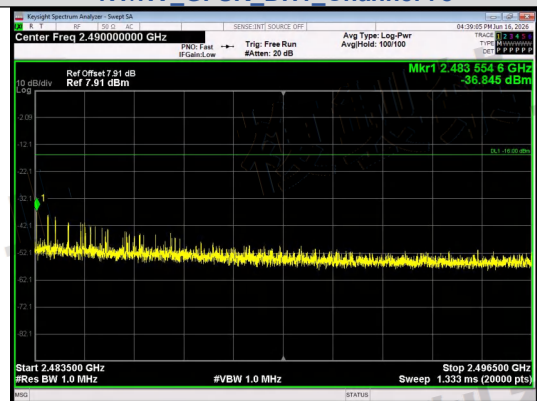
**30 to 1000MHz
NT/NV_GFSK_DH1_Channel 78**



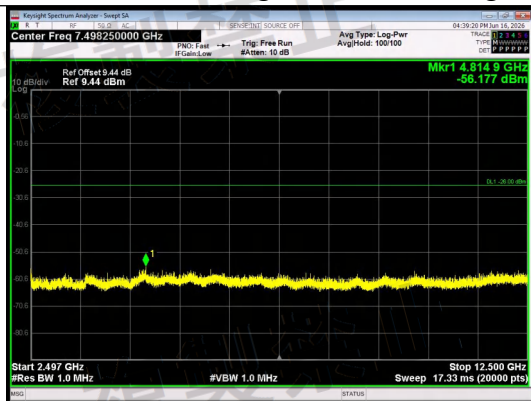
**1000 to 2387MHz
NT/NV_GFSK_DH1_Channel 78**



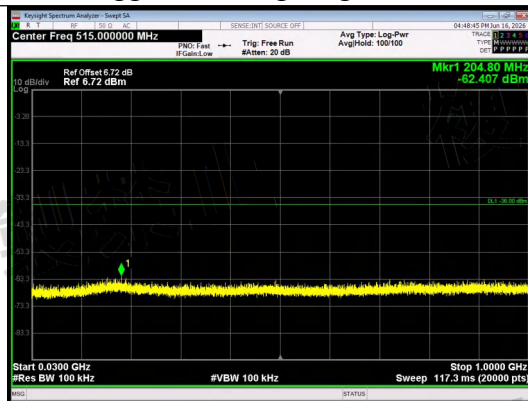
**2387 to 2400MHz
NT/NV_GFSK_DH1_Channel 78**



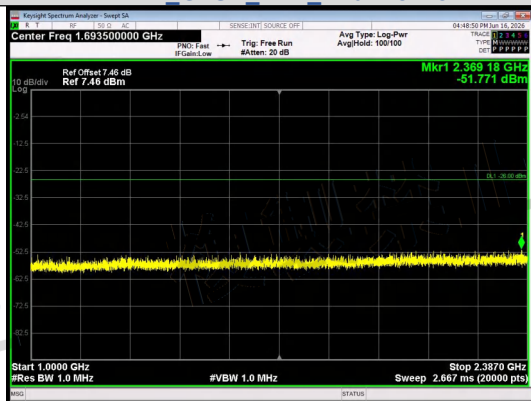
**2483.5 to 2496.5MHz
NT/NV_GFSK_DH1_Channel 78**



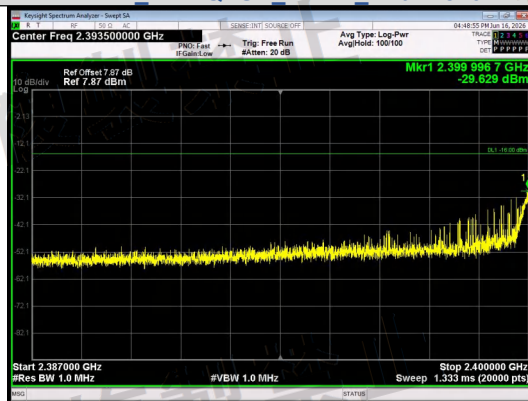
2496.5 to 12500MHz
NT/NV_GFSK_DH1_Channel 78



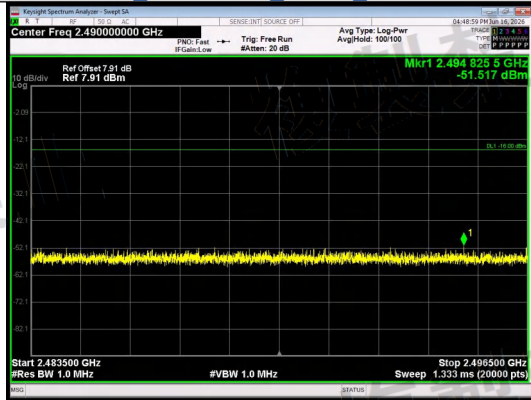
30 to 1000MHz
NT/NV_π/4QPSK_2-DH1_Channel 0



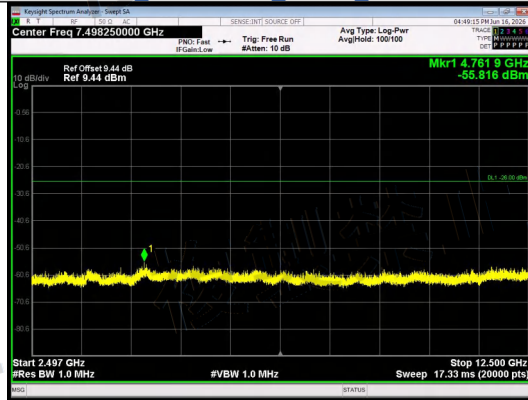
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NT/NV_π/4QPSK_2-DH1_Channel 0



2387 to 2400MHz
NT/NV_π/4QPSK_2-DH1_Channel 0



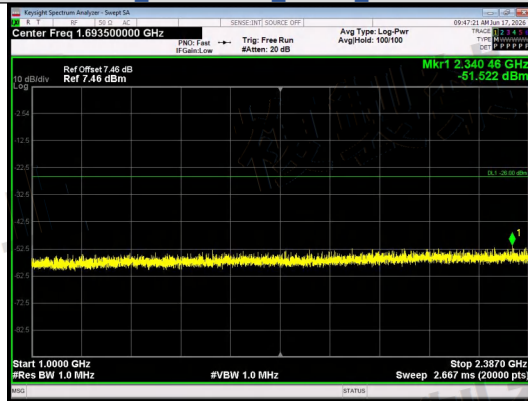
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NT/NV_π/4QPSK_2-DH1_Channel 0



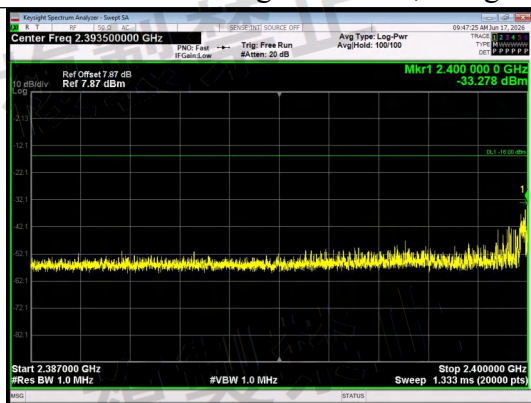
2496.5 to 12500MHz
NT/NV_π/4QPSK_2-DH1_Channel 0



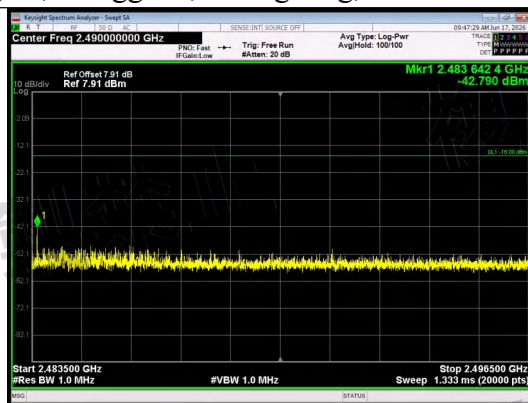
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NT/NV_π/4QPSK_2-DH1_Channel 39



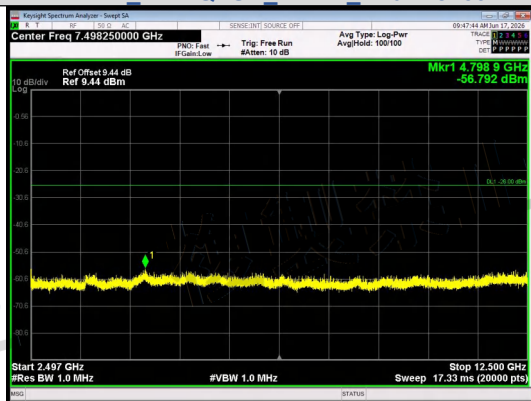
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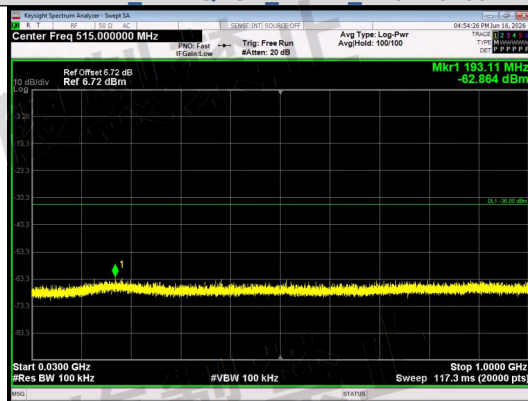
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 39



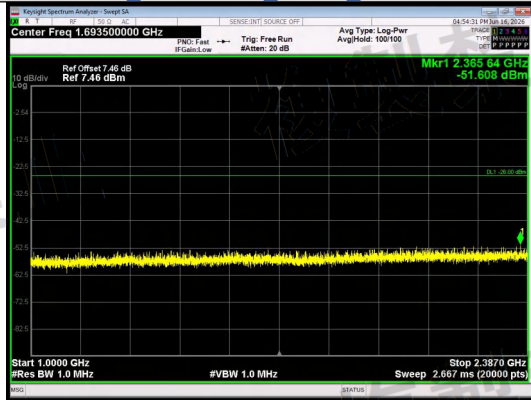
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 39



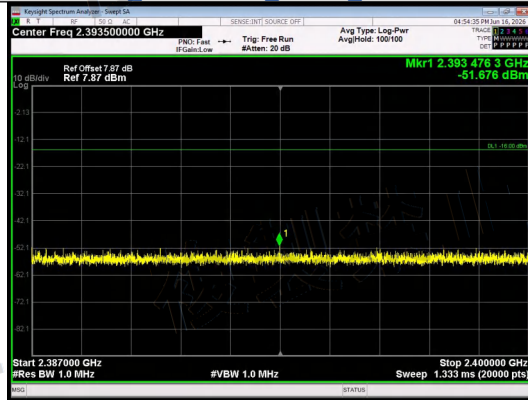
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 39



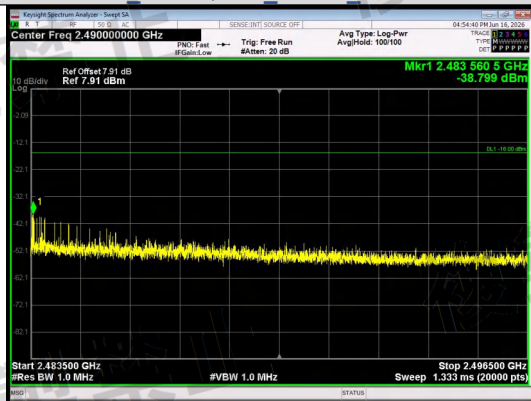
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 78



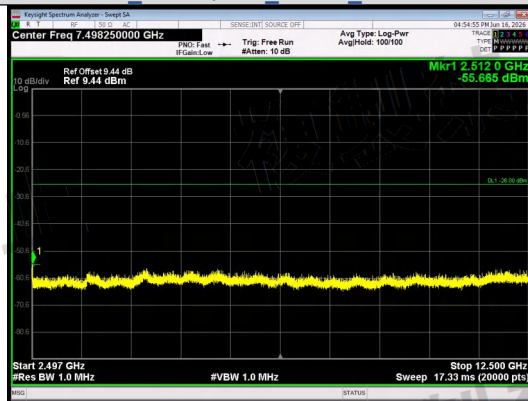
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 78



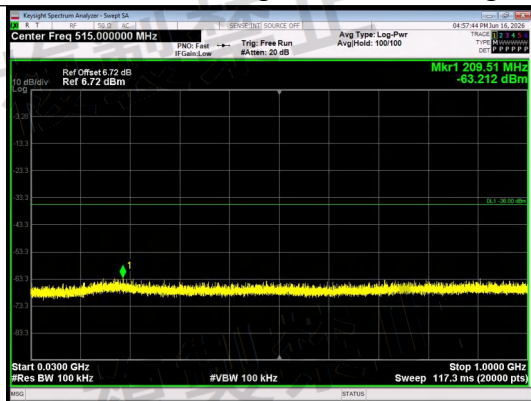
2387 to 2400MHz
NT/NV $\pi/4$ DQPSK 2-DH1 Channel 78



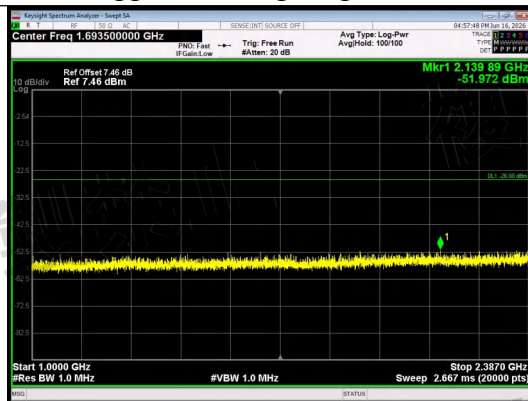
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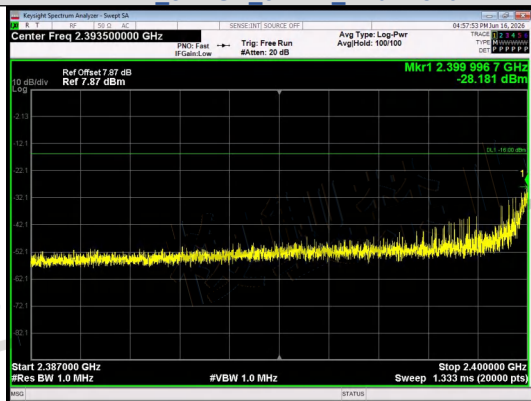
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NT/NV $\pi/4$ DQPSK 2-DH1 Channel 78



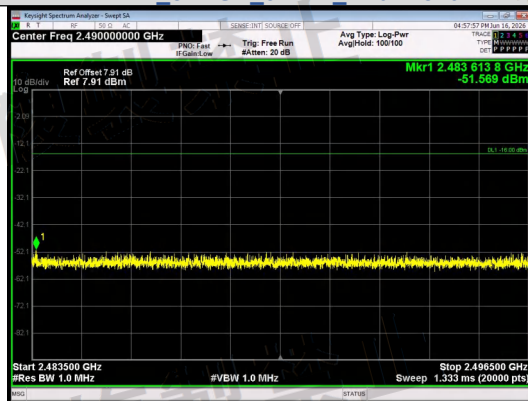
30 to 1000MHz
NT/NV_8DPSK_3-DH1_Channel 0



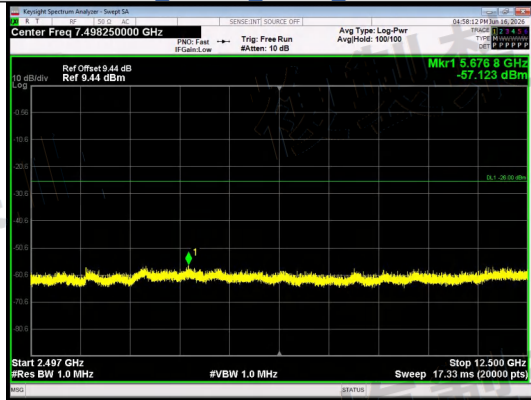
1000 to 2387MHz
NT/NV_8DPSK_3-DH1_Channel 0



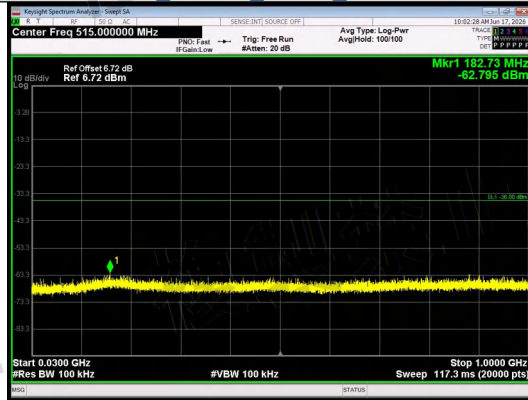
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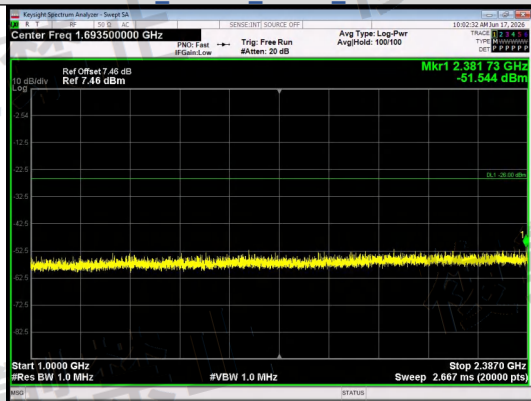
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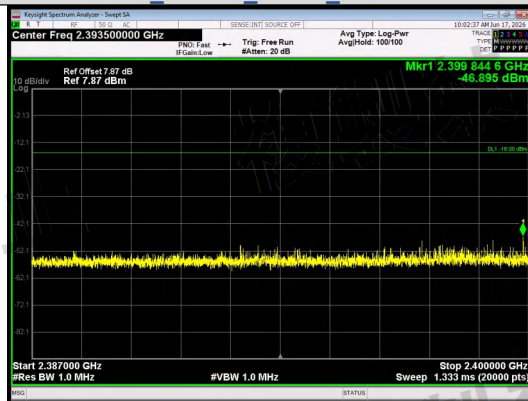
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NT/NV_8DPSK_3-DH1_Channel 0



30 to 1000MHz
NT/NV_8DPSK_3-DH1_Channel 39



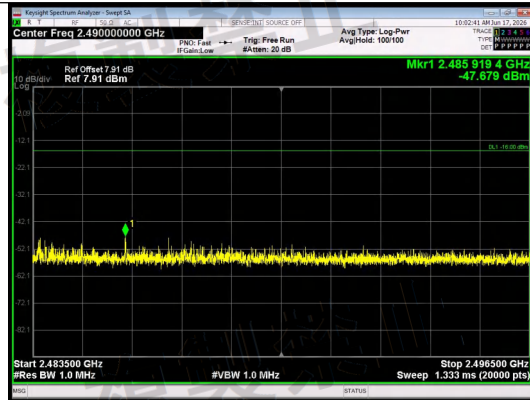
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2387 to 2400MHz
NT/NV_8DPSK_3-DH1_Channel 39



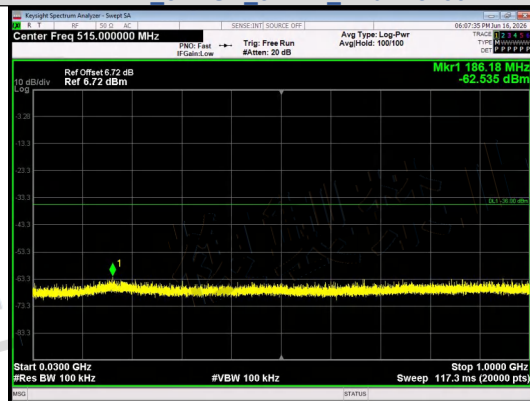
Keyway Testing Technology (Guangdong) Co., Ltd
21/F., Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30,
Tangxia District, Dongshen Road, Tangxia, Dongguan, Guangdong, China



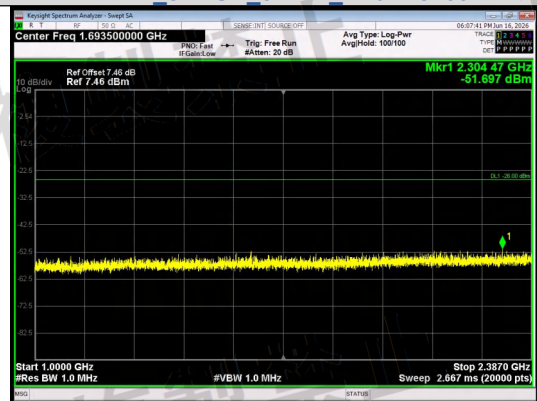
2483.5 to 2496.5MHz
NT/NV 8DPSK 3-DH1 Channel 39



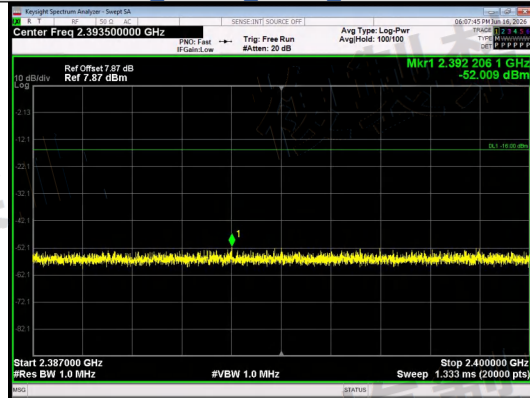
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NT/NV 8DPSK 3-DH1 Channel 39



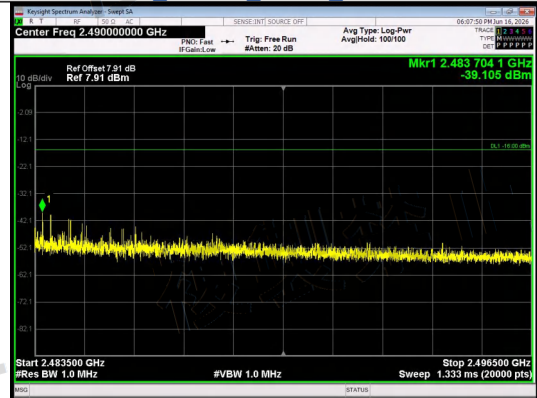
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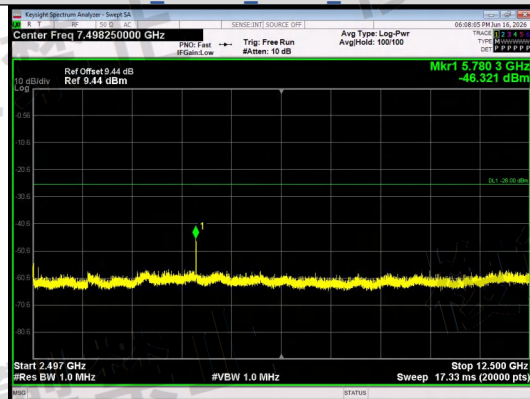
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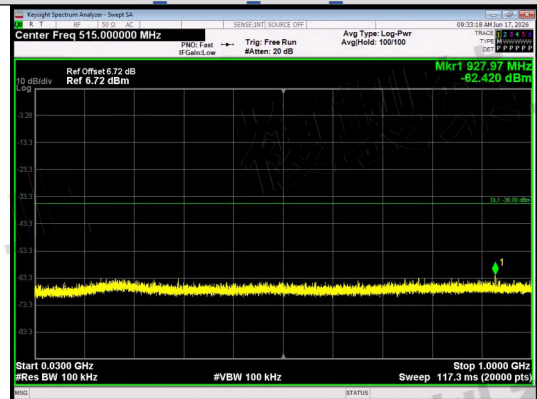
2387 to 2400MHz
NT/NV 8DPSK 3-DH1 Channel 78



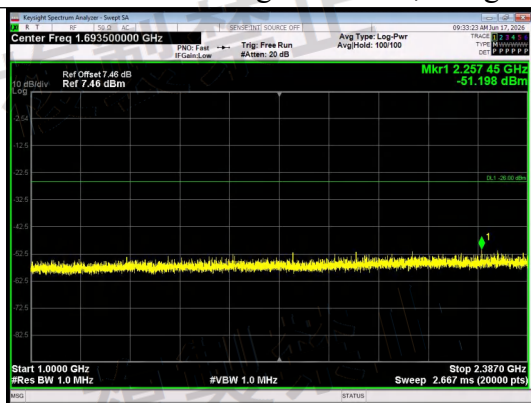
2483.5 to 2496.5MHz
NT/NV 8DPSK 3-DH1 Channel 78



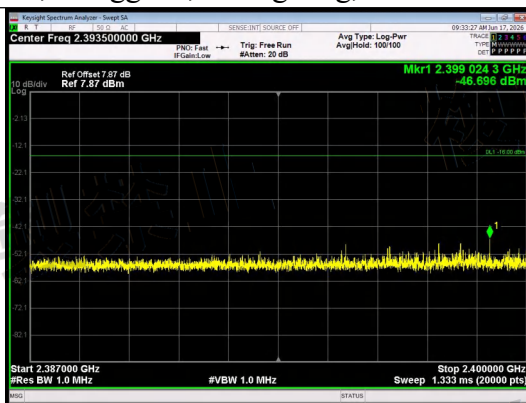
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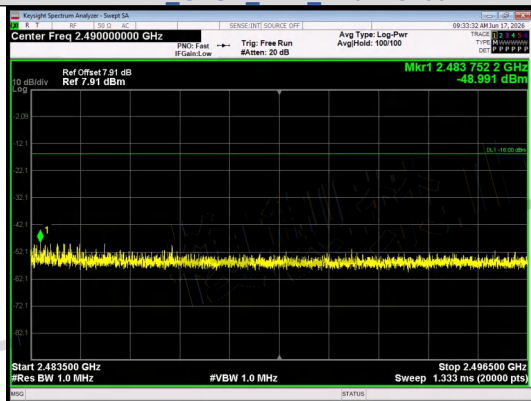
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NT/NV GFSK DH1 Channel 39



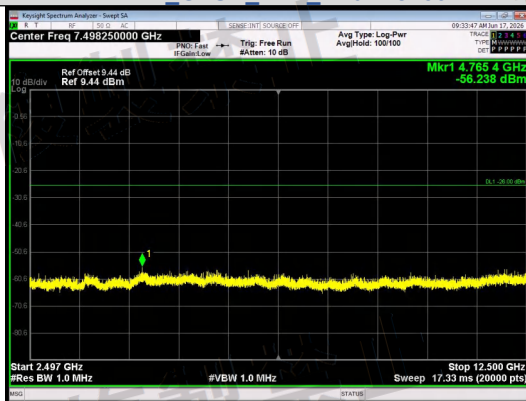
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NT/NV_GFSK_DH1_Channel 39**



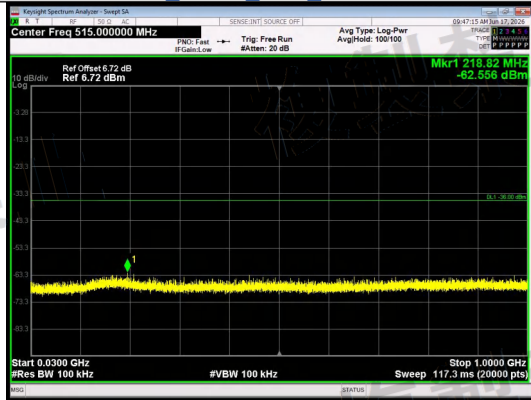
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NT/NV_GFSK_DH1_Channel 39**



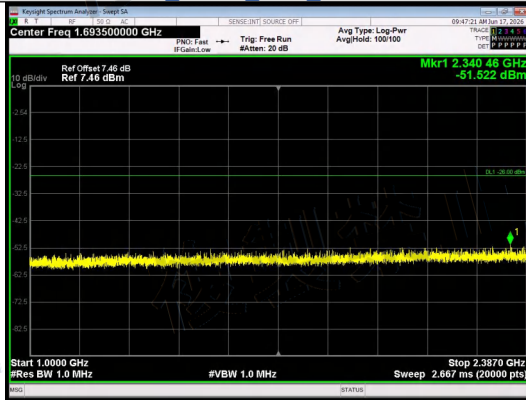
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NT/NV_GFSK_DH1_Channel 39**



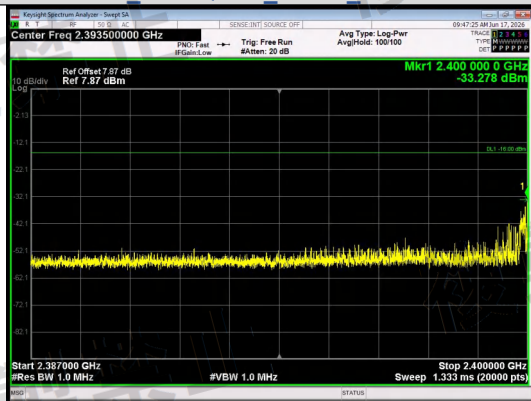
**2496.5 to 12500MHz
NT/NV_GFSK_DH1_Channel 39**



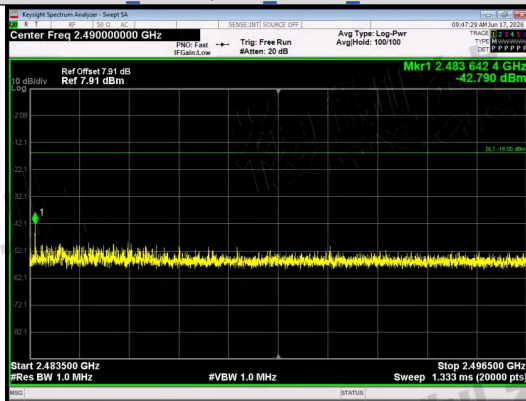
**30 to 1000MHz
NT/NV_π/4QPSK_2-DH1_Channel 39**



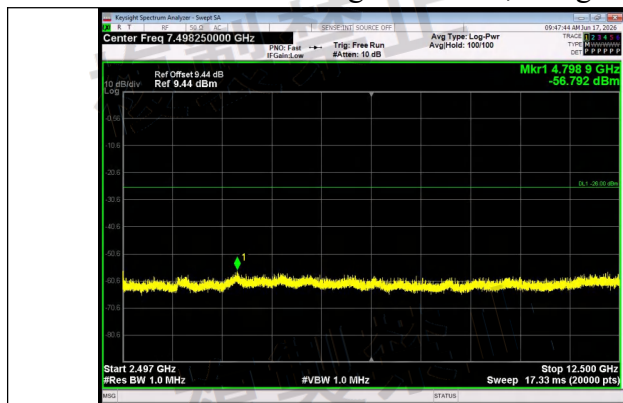
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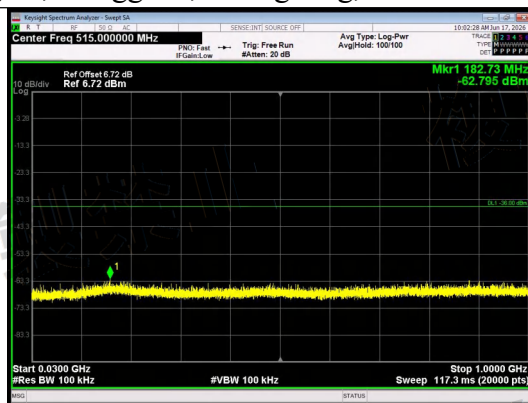
**2387 to 2400MHz
NT/NV_π/4QPSK_2-DH1_Channel 39**



**2483.5 to 2496.5MHz
NT/NV_π/4QPSK_2-DH1_Channel 39**



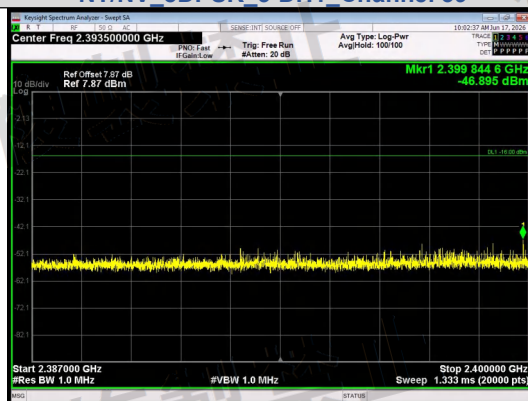
2496.5 to 12500MHz
NT/NV $\pi/4$ QPSK 2-DH1 Channel 39



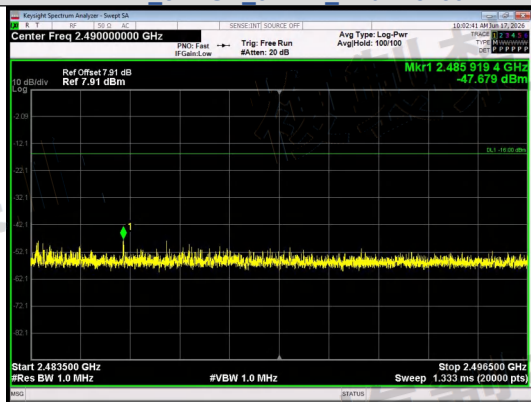
30 to 1000MHz
NT/NV 8DPSK 3-DH1 Channel 39



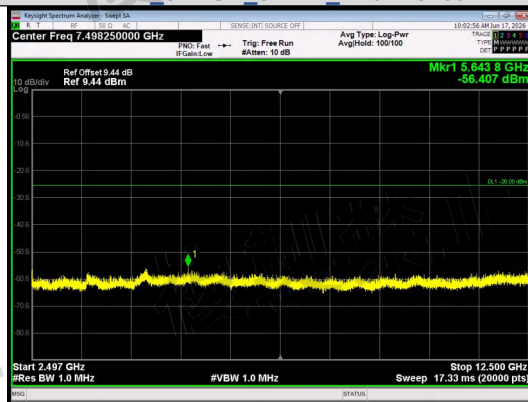
1000 to 2387MHz
NT/NV 8DPSK 3-DH1 Channel 39



2387 to 2400MHz
NT/NV 8DPSK 3-DH1 Channel 39



2483.5 to 2496.5MHz
NT/NV 8DPSK 3-DH1 Channel 39



2496.5 to 12500MHz
NT/NV 8DPSK 3-DH1 Channel 39



Keyway Testing Technology (Guangdong) Co., Ltd
21/F., Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30,
Tangxia District, Dongshen Road, Tangxia, Dongguan, Guangdong, China

A.7 SPURIOUS EMISSIONS OF RECEIVER

Test Result

Normal mode_GFSK_DH1

Condi on	Frequen cy Range (MHz)	Lowest Channel			Middle Channel			Highest Channel			Limit (nW/MH z)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	
NT/NV	30 to 1000	720.03 6	-81.300	0.007	720.03 6	-80.941	0.008	720.08 6	-80.947	0.008	4
NT/NV	1000 to 12500	2620.7 87	-63.705	0.426	2467.0 66	-63.310	0.467	2457.4 82	-66.994	0.2	20

Result:PASS

Normal mode_π/4DQPSK_2-DH1

Condi on	Frequen cy Range (MHz)	Lowest Channel			Middle Channel			Highest Channel			Limit (nW/MH z)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	
NT/NV	30 to 1000	720.03 6	-81.369	0.007	720.08 6	-81.026	0.008	720.08 6	-80.591	0.009	4
NT/NV	1000 to 12500	4800.8 77	-68.915	0.128	2456.7 15	-62.760	0.53	2456.7 15	-68.428	0.144	20

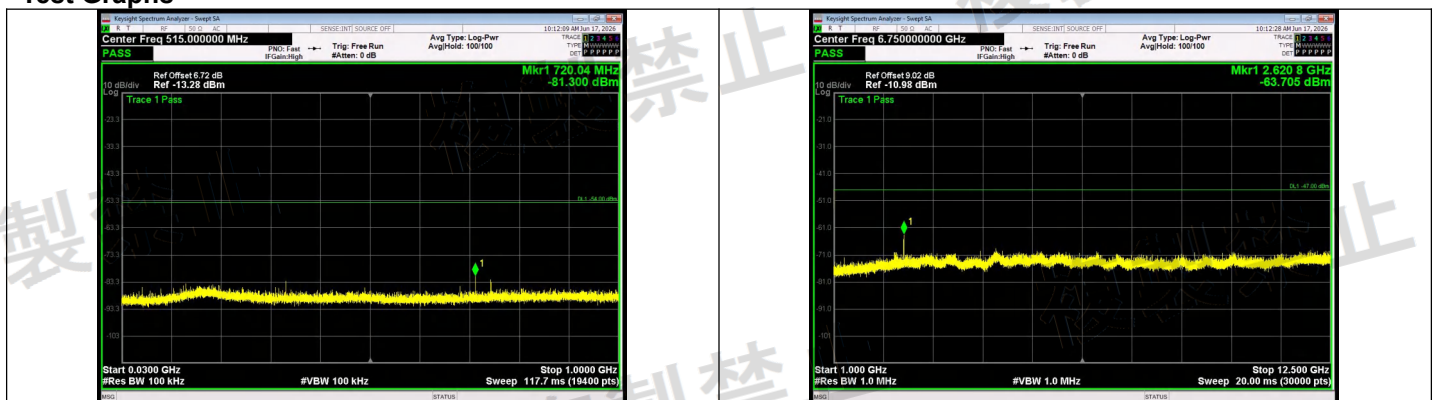
Result:PASS

Normal mode_8DPSK_3-DH1

Condi on	Frequen cy Range (MHz)	Lowest Channel			Middle Channel			Highest Channel			Limit (nW/M Hz)
		Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	Peak (Mhz)	Measur ed Value (dbm)	Measur ed Value (nW/MH z)	
NT/NV	30 to 1000	720.036	-81.305	0.007	720.086	-81.482	0.007	720.08 6	-80.824	0.008	4
NT/NV	1000 to 12500	11827.6 11	-67.606	0.174	12248.5 25	-68.144	0.153	6145.6 55	-68.733	0.134	20

Result:PASS

Test Graphs

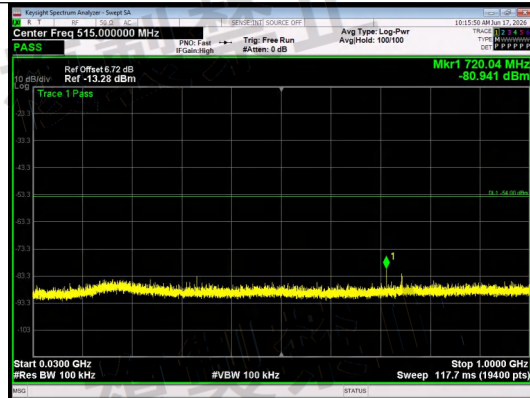


30MHz - 1000MHz
NT/NV_GFSK_DH1_Channel 0

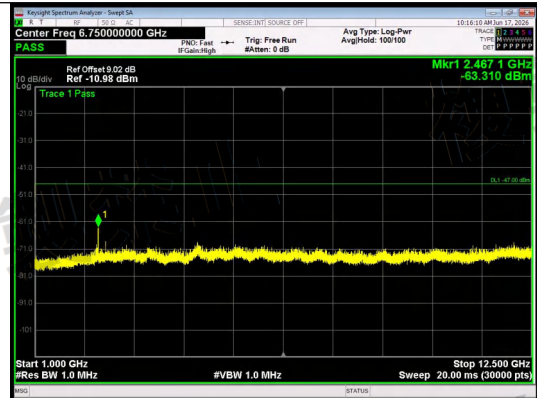
> 1GHz
NT/NV_GFSK_DH1_Channel 0



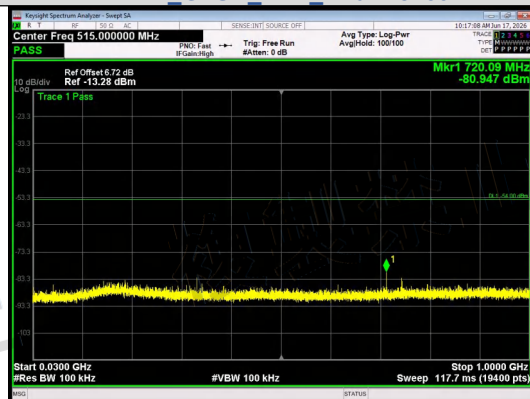
Keyway Testing Technology (Guangdong) Co., Ltd
21/F., Building 6, Dongyi Intelligent Equipment New Energy Vehicle Park, No.30,
Tangxia District, Dongshen Road, Tangxia, Dongguan, Guangdong, China



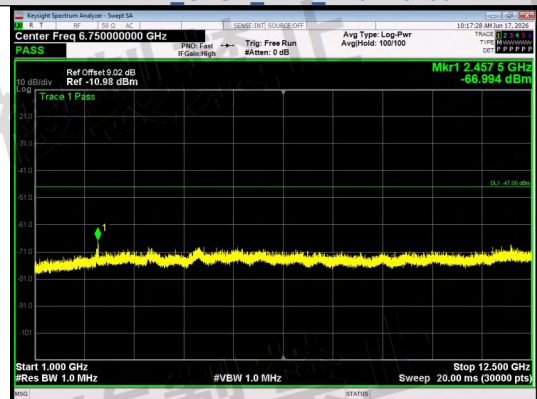
30MHz - 1000MHz
NT/NV_GFSK_DH1_Channel 39



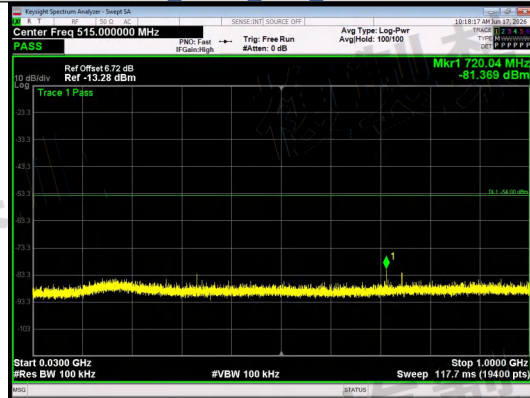
> 1GHz
NT/NV_GFSK_DH1_Channel 39



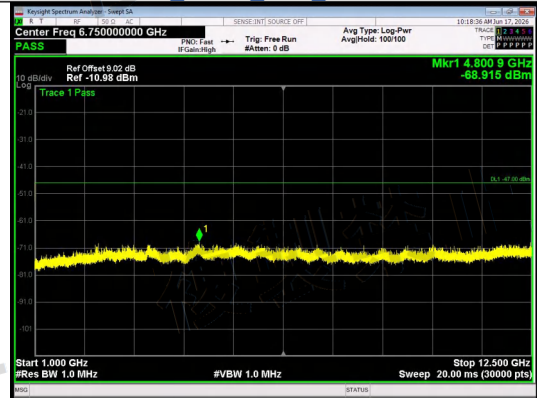
30MHz - 1000MHz
NT/NV_GFSK_DH1_Channel 78



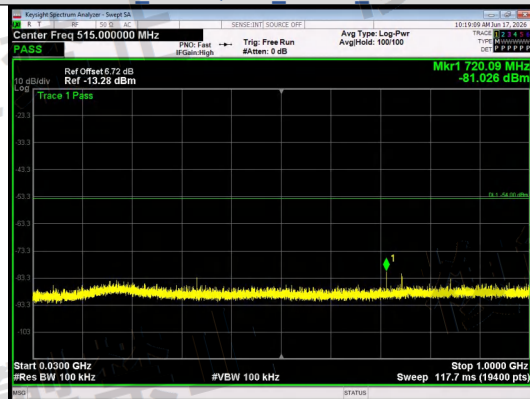
> 1GHz
NT/NV_GFSK_DH1_Channel 78



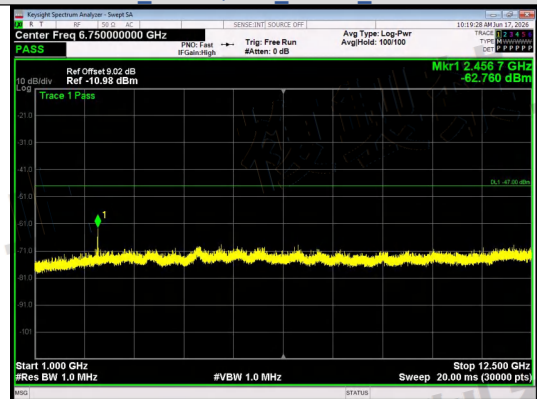
30MHz - 1000MHz
NT/NV_pi/4QPSK_2-DH1_Channel 0



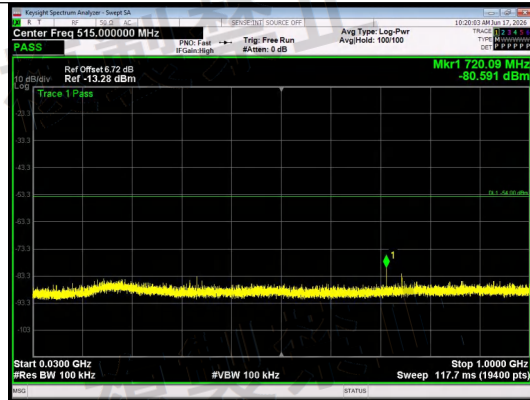
> 1GHz
NT/NV_pi/4QPSK_2-DH1_Channel 0



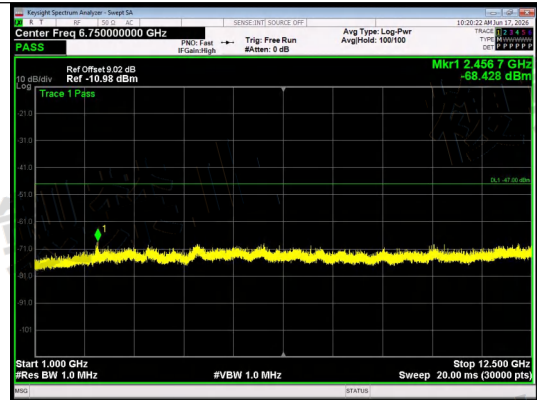
30MHz - 1000MHz
NT/NV_pi/4QPSK_2-DH1_Channel 39



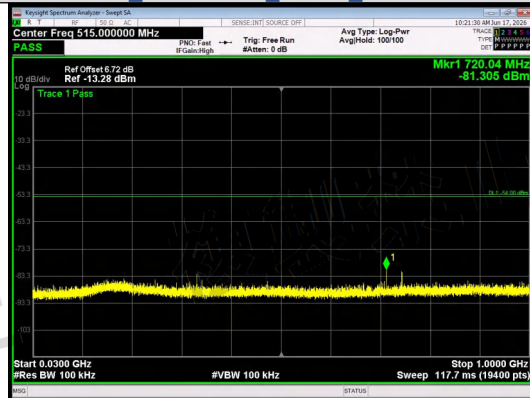
> 1GHz
NT/NV_pi/4QPSK_2-DH1_Channel 39



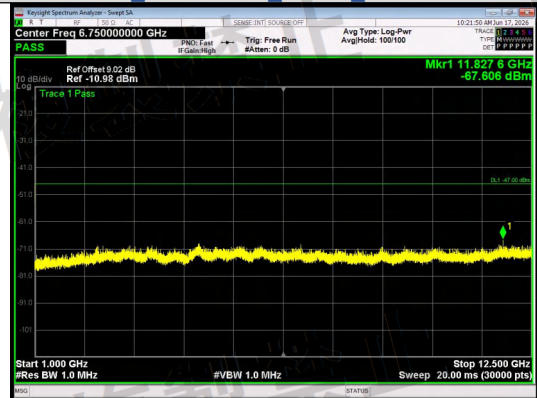
30MHz - 1000MHz
NT/NV_pi/4DQPSK_2-DH1_Channel 78



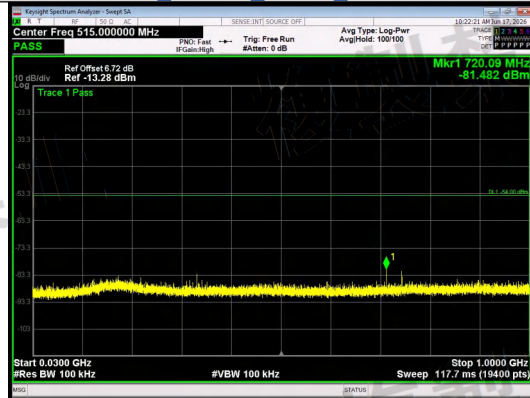
> 1GHz
NT/NV_pi/4DQPSK_2-DH1_Channel 78



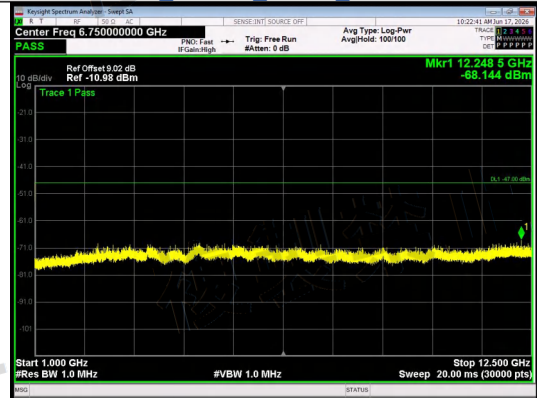
30MHz - 1000MHz
NT/NV_8DPSK_3-DH1_Channel 0



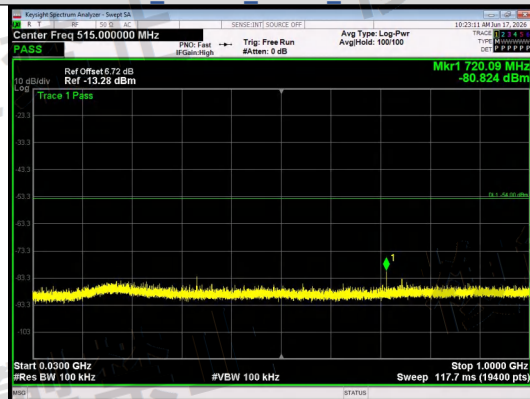
> 1GHz
NT/NV_8DPSK_3-DH1_Channel 0



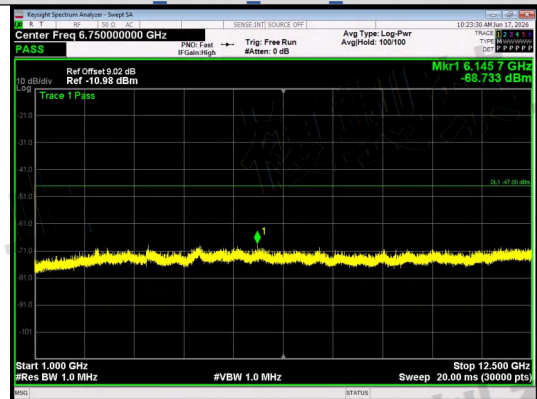
30MHz - 1000MHz
NT/NV_8DPSK_3-DH1_Channel 39



> 1GHz
NT/NV_8DPSK_3-DH1_Channel 39



30MHz - 1000MHz
NT/NV_8DPSK_3-DH1_Channel 78



> 1GHz
NT/NV_8DPSK_3-DH1_Channel 78