



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

E.U.T:	Eastmonts Ski Tunes
Model Number:	Eastmonts Ski Tunes
Trade Name:	Eastmonts, Ski Tunes
Sample Number:	33000287414
Date of Receipt:	Sept. 18, 2026
Date of Test:	Sept. 19~Sept. 23, 2026
FCC ID:	2BYI6-SKITUNES

Note: The test data have all been compensated for cable loss, and when measuring the entire 2400-2500MHz, the maximum loss value 7.89 dB.and when measuring the entire 30MHz-25GHz, Input Compensation Coefficient (dB) = Max Cable Loss (dB)



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

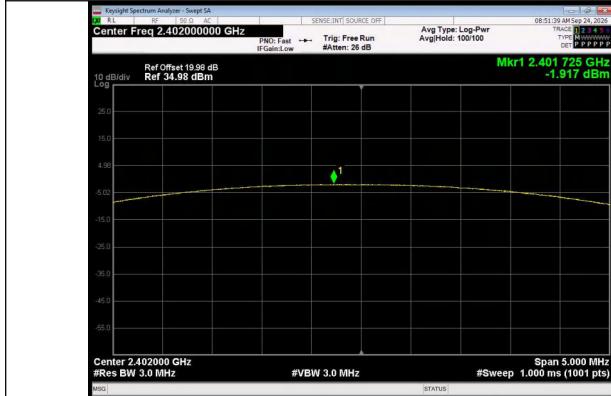
A.1 CONDUCTED OUTPUT POWER

Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Output Power (mW)	Max. Avg. Power (dBm)	Limit (dBm)	Verdict
GFSK	DH1	0	-1.917	0.64	None	30	PASS
		39	-1.393	0.73	None		PASS
		78	-1.641	0.69	None		PASS
π /4DQPSK	2-DH1	0	-1.231	0.75	None		PASS
		39	-0.696	0.85	None		PASS
		78	-1.068	0.78	None		PASS
8DPSK	3-DH1	0	-0.642	0.86	None		PASS
		39	-0.148	0.97	None		PASS
		78	-0.462	0.90	None		PASS

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Peak Power Limit (dBm)	ISED EIRP (dBm)	ISED EIRP Limit (dBm)	Max. Avg. Power (dBm)	Verdict
GFSK	DH1	0	-1.917	30	-1.917	≤ 36.02	None	PASS
		39	-1.393	30	-1.393	≤ 36.02	None	PASS
		78	-1.641	30	-1.641	≤ 36.02	None	PASS
π /4DQPSK	2-DH1	0	-1.231	30	-1.231	≤ 36.02	None	PASS
		39	-0.696	30	-0.696	≤ 36.02	None	PASS
		78	-1.068	30	-1.068	≤ 36.02	None	PASS
8DPSK	3-DH1	0	-0.642	30	-0.642	≤ 36.02	None	PASS
		39	-0.148	30	-0.148	≤ 36.02	None	PASS
		78	-0.462	30	-0.462	≤ 36.02	None	PASS

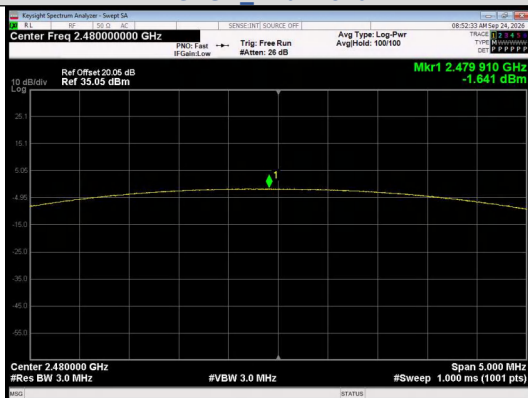
Test Graphs



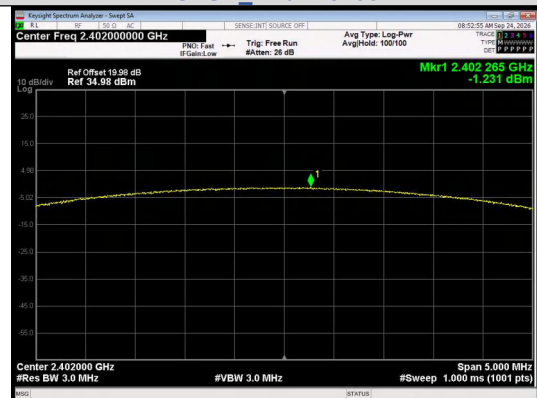
Peak Output Power
GFSK_Channel 0



Peak Output Power
GFSK_Channel 39



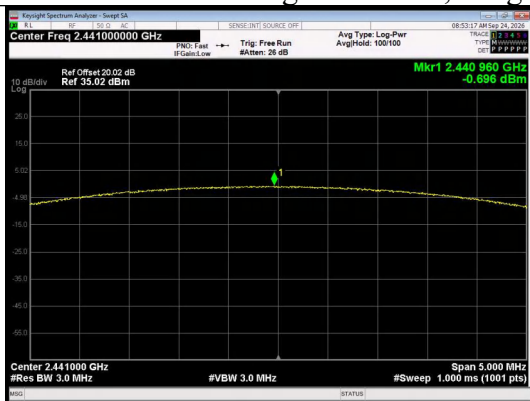
Peak Output Power
GFSK_Channel 78



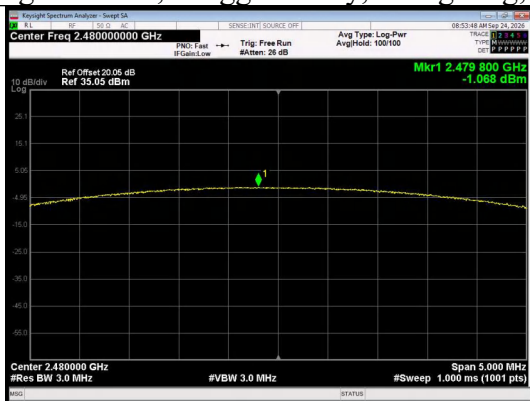
Peak Output Power
 π /4DQPSK_Channel 0



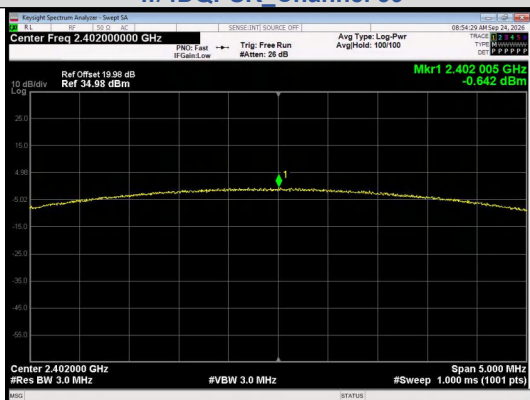
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



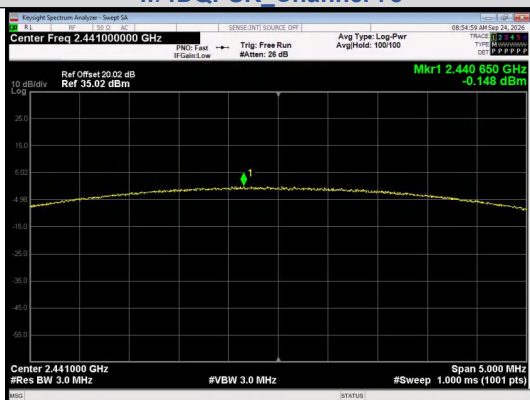
Peak Output Power
 $\pi/4$ DQPSK_Channel 39



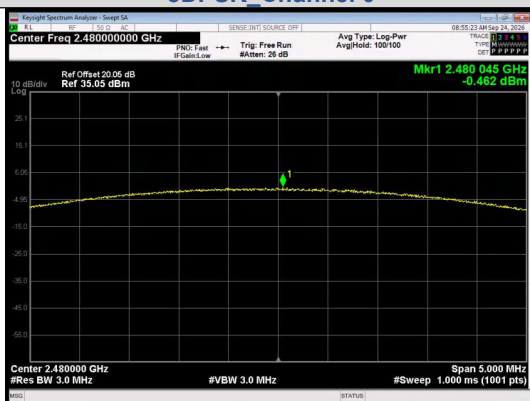
Peak Output Power
 $\pi/4$ DQPSK_Channel 78



Peak Output Power
8DPSK_Channel 0



Peak Output Power
8DPSK_Channel 78



Peak Output Power
8DPSK_Channel 78



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.2 99% BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	99% BW (MHz)
GFSK	0	2402	0.84
	39	2441	0.83
	78	2480	0.82
$\pi/4$ DQPSK	0	2402	1.17
	39	2441	1.16
	78	2480	1.16
8DPSK	0	2402	1.15
	39	2441	1.16
	78	2480	1.15

Test Graphs

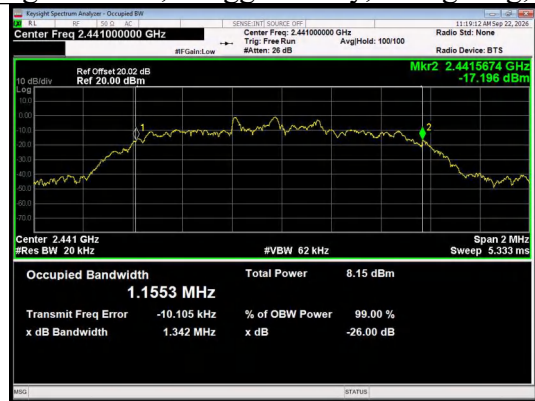




Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



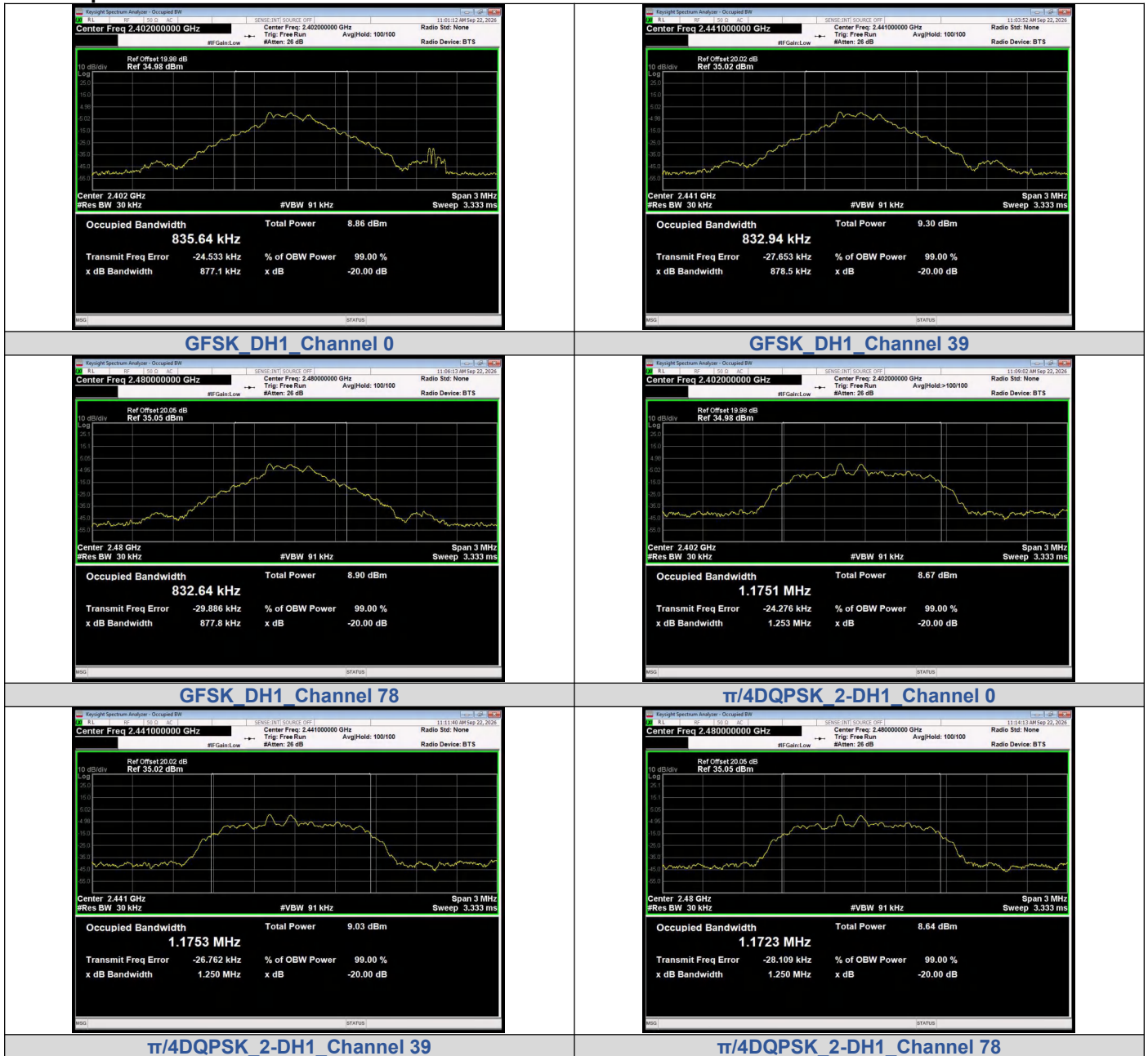
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.3 20DB BANDWIDTH

Test Result

Modulation	Channel	Center Frequency (MHz)	20 dB Bandwidth (MHz)
GFSK	0	2402 MHz	0.8771
	39	2441 MHz	0.8785
	78	2480 MHz	0.8778
$\pi/4$ DQPSK	0	2402 MHz	1.253
	39	2441 MHz	1.250
	78	2480 MHz	1.250
8DPSK	0	2402 MHz	1.222
	39	2441 MHz	1.221
	78	2480 MHz	1.244

Test Graphs

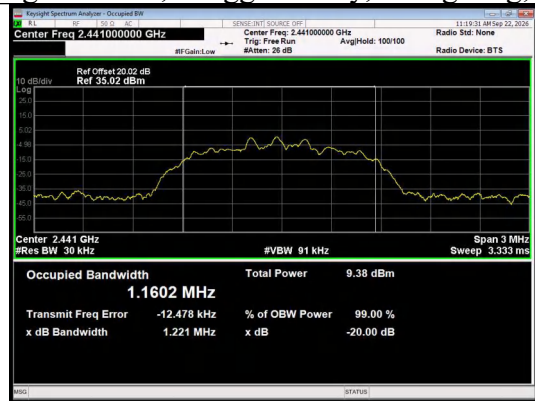




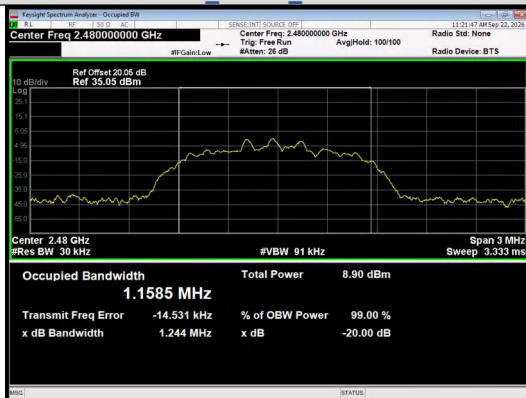
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



8DPSK_3-DH1_Channel 0



8DPSK_3-DH1_Channel 39



8DPSK_3-DH1_Channel 78



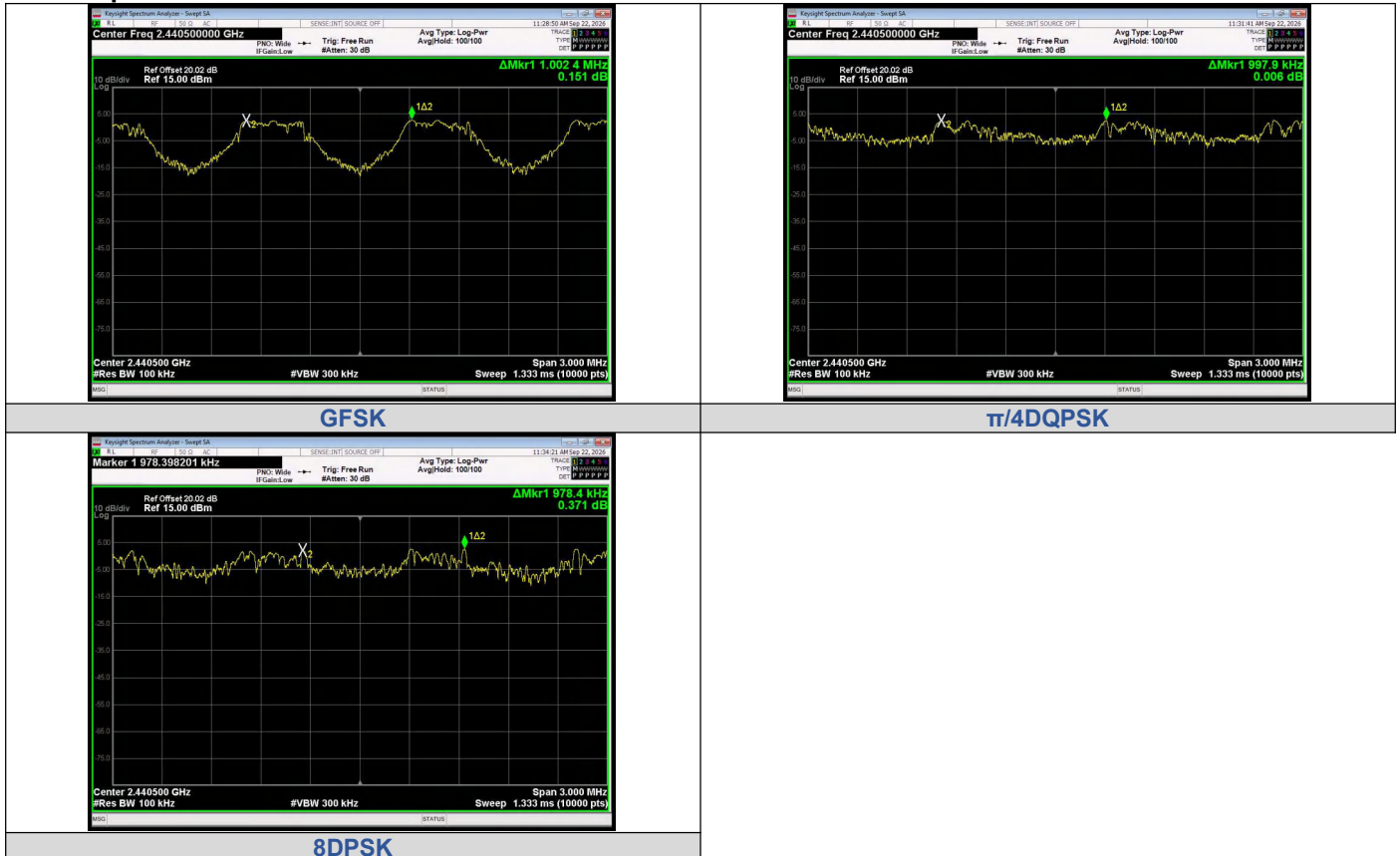
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.4 CARRIER FREQUENCIES SEPARATION

Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Minimum Limit (MHz)	Verdict
GFSK	DH1	2439.8125	2440.8149	1.0024	0.878	PASS
$\pi/4$ DQPSK	2-DH1	2439.8086	2440.8065	0.9979	0.835	PASS
8DPSK	3-DH1	0.9784	2440.1536	2439.1752	0.829	PASS

Test Graphs





Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.5 CONDUCTED SPURIOUS & BAND EDGE EMISSION

Test Result

Non-Hopping

Modulation	Packet	Channel	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Verdict
GFSK	DH1	0	96.20	-39.882	-18.02	-21.862	PASS
			2358.59	-42.320	-18.02	-24.300	PASS
			2400.00	-44.099	-18.02	-26.079	PASS
			4804.30	-50.000	-18.02	-31.980	PASS
			7205.80	-48.770	-18.02	-30.750	PASS
		39	9608.50	-58.839	-18.02	-40.819	PASS
			96.17	-39.857	-17.55	-22.307	PASS
			4881.67	-50.494	-17.55	-32.944	PASS
			7323.11	-48.508	-17.55	-30.958	PASS
			9763.31	-60.104	-17.55	-42.554	PASS
		78	96.17	-39.352	-17.97	-21.382	PASS
			2483.50	-45.500	-17.97	-27.530	PASS
			4959.70	-49.786	-17.97	-31.816	PASS
			7439.22	-53.117	-17.97	-35.147	PASS
			9919.37	-60.066	-17.97	-42.096	PASS
$\pi/4$ DQPSK	2-DH1	0	96.20	-39.463	-17.90	-21.563	PASS
			2392.93	-42.278	-17.90	-24.378	PASS
			2400.00	-42.309	-17.90	-24.409	PASS
			4803.60	-50.906	-17.90	-33.006	PASS
			7205.80	-50.658	-17.90	-32.758	PASS
		39	9608.50	-59.486	-17.90	-41.586	PASS
			96.17	-39.446	-17.59	-21.856	PASS
			4881.67	-54.824	-17.59	-37.234	PASS
			7322.49	-53.737	-17.59	-36.147	PASS
			9763.31	-61.625	-17.59	-44.035	PASS
		78	96.17	-38.988	-17.96	-21.028	PASS
			2483.50	-44.427	-17.96	-26.467	PASS
			4959.70	-52.277	-17.96	-34.317	PASS
			7439.22	-51.427	-17.96	-33.467	PASS
			9919.99	-61.366	-17.96	-43.406	PASS
8DPSK	3-DH1	0	96.20	-39.121	-17.89	-21.231	PASS
			2378.12	-41.730	-17.89	-23.840	PASS
			2400.00	-43.586	-17.89	-25.696	PASS
			4803.60	-46.200	-17.89	-28.310	PASS
			7205.80	-52.364	-17.89	-34.474	PASS
		39	9608.50	-60.483	-17.89	-42.593	PASS
			96.17	-39.334	-17.53	-21.804	PASS
			4882.30	-54.340	-17.53	-36.809	PASS
			7323.11	-53.713	-17.53	-36.183	PASS
			9763.93	-62.323	-17.53	-44.793	PASS
		78	96.17	-39.480	-17.93	-21.550	PASS
			2483.50	-44.660	-17.93	-26.730	PASS
			4960.33	-49.017	-17.93	-31.087	PASS
			7439.22	-52.034	-17.93	-34.104	PASS
			9919.99	-62.308	-17.93	-44.378	PASS

Note: input compensation coefficient (dB)= Cable Loss (dB)

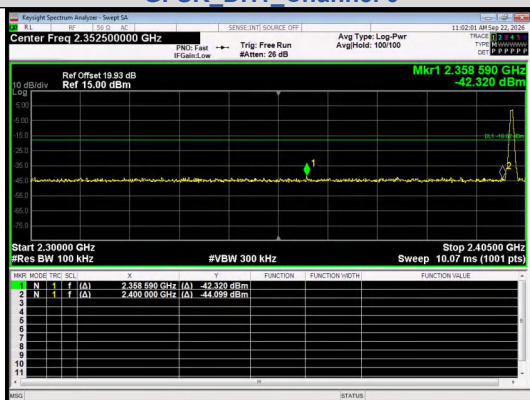
Test Graphs



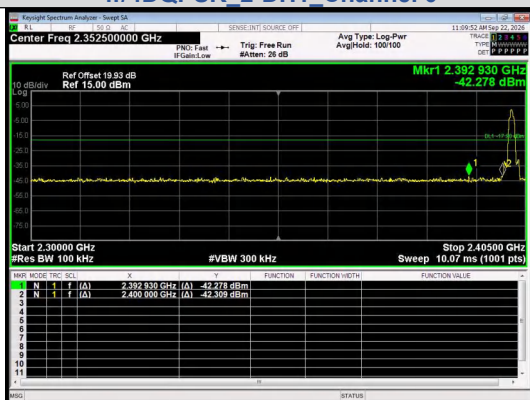
**In-Band Reference Level
GFSK_DH1_Channel 0**



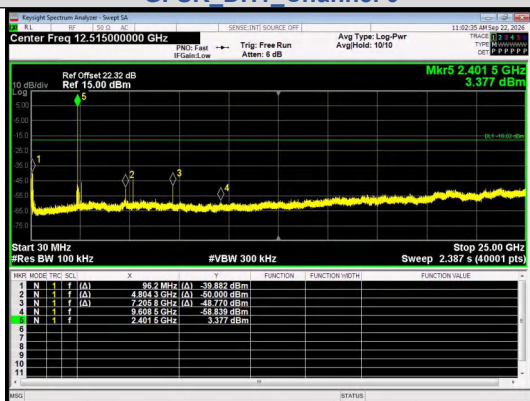
**In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 0**



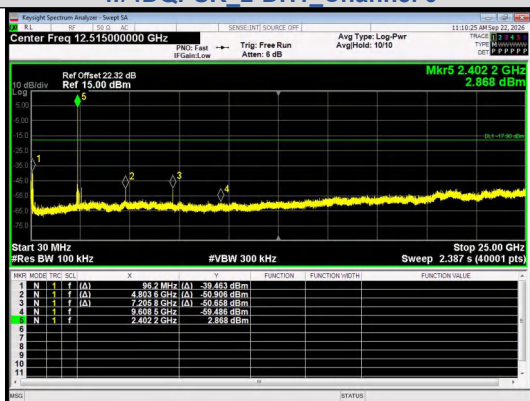
**Out Of Band Emission
GFSK_DH1_Channel 0**



**Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 0**



**30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 0**



**30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 0**



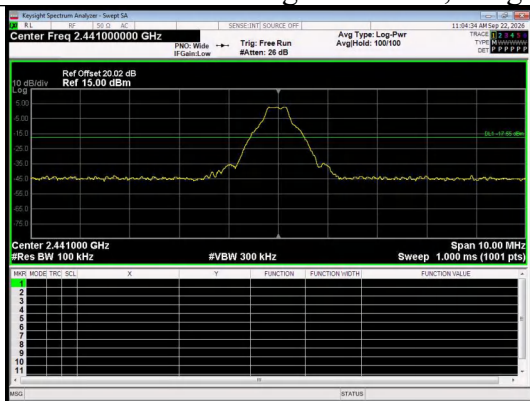
**In-Band Reference Level
GFSK_DH1_Channel 39**



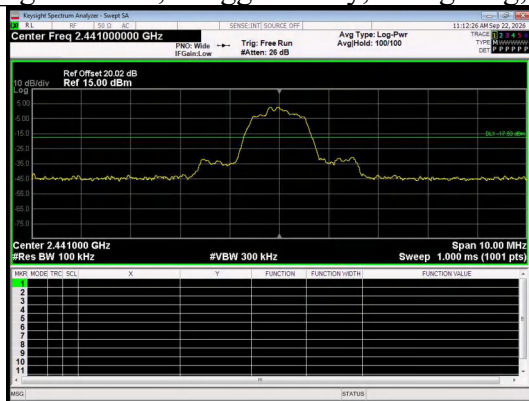
**In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 39**



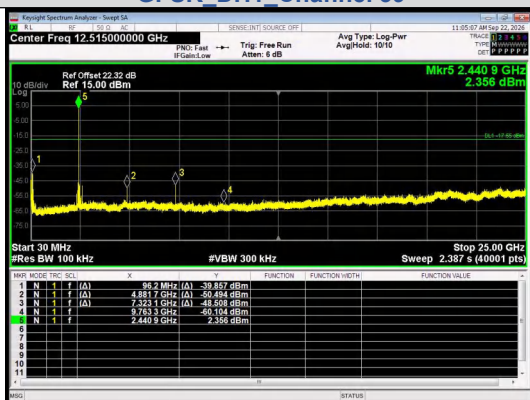
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



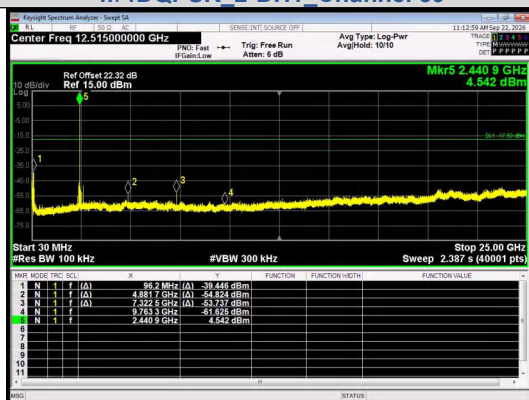
Out Of Band Emission
GFSK_DH1_Channel 39



Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 39



30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 39



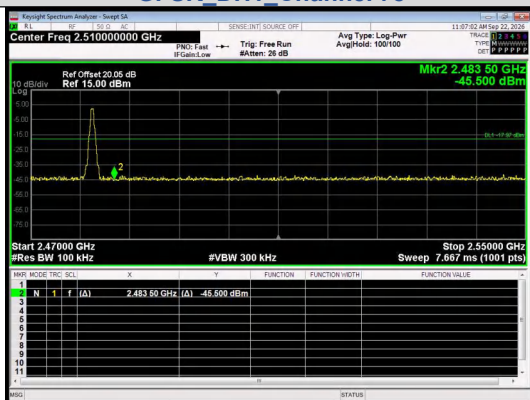
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 39



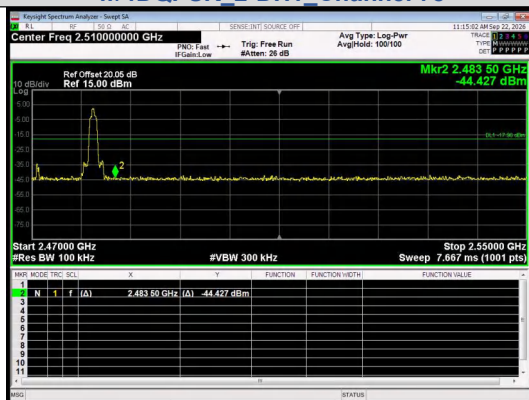
In-Band Reference Level
GFSK_DH1_Channel 78



In-Band Reference Level
 $\pi/4$ DQPSK_2-DH1_Channel 78



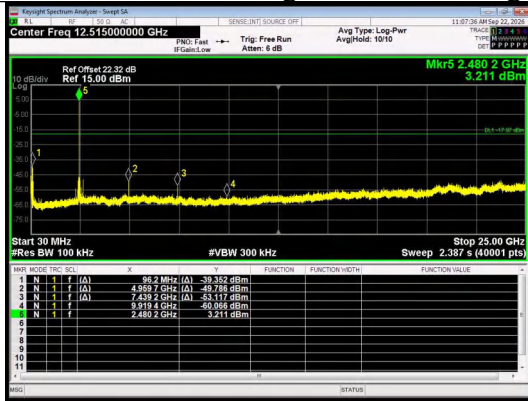
Out Of Band Emission
GFSK_DH1_Channel 78



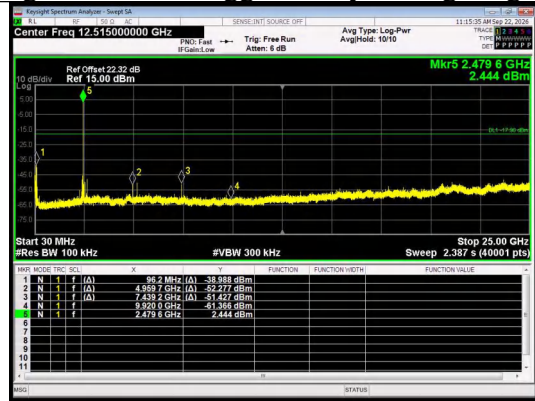
Out Of Band Emission
 $\pi/4$ DQPSK_2-DH1_Channel 78



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



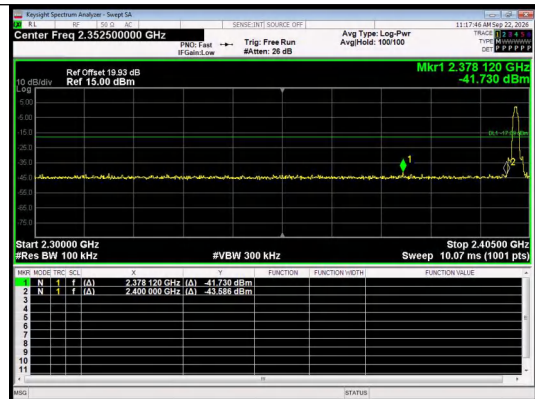
30.0 MHz - 25000.0 MHz
GFSK_DH1_Channel 78



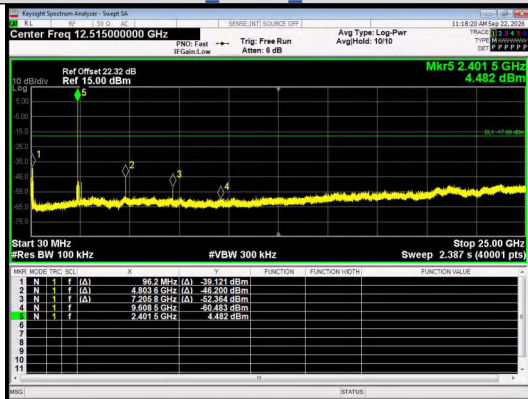
30.0 MHz - 25000.0 MHz
 $\pi/4$ DQPSK_2-DH1_Channel 78



In-Band Reference Level
8DPSK_3-DH1_Channel 0



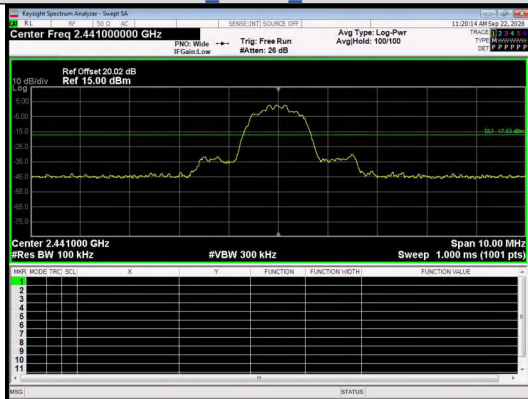
Out Of Band Emission
8DPSK_3-DH1_Channel 0



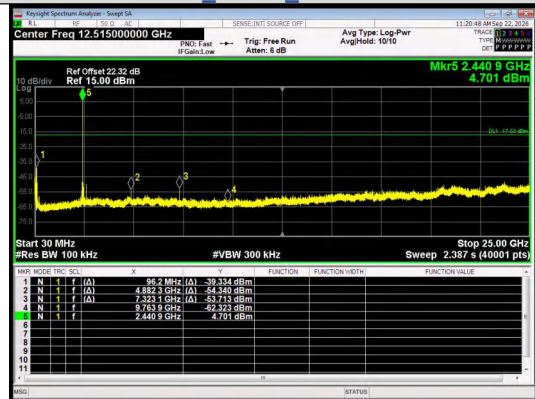
30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 0



In-Band Reference Level
8DPSK_3-DH1_Channel 39



Out Of Band Emission
8DPSK_3-DH1_Channel 39



30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 39



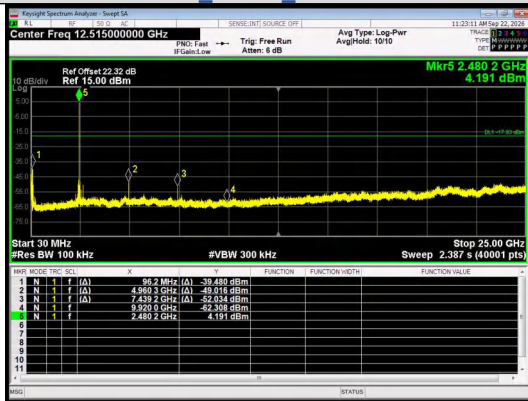
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



**In-Band Reference Level
8DPSK_3-DH1_Channel 78**



**Out Of Band Emission
8DPSK_3-DH1_Channel 78**



**30.0 MHz - 25000.0 MHz
8DPSK_3-DH1_Channel 78**



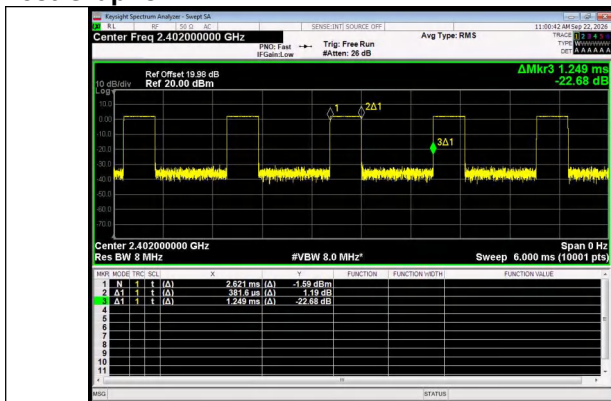
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.6 DUTY CYCLE

Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
GFSK	DH1	0	0.3816	1.249	30.55	0.3055	5.1499	2.6205
		39	0.3822	1.250	30.58	0.3058	5.1456	2.6164
		78	0.3822	1.250	30.58	0.3058	5.1456	2.6164
$\pi/4$ DQPSK	2-DH1	0	0.3924	1.250	31.40	0.3140	5.0307	2.5484
		39	0.3918	1.250	31.35	0.3135	5.0376	2.5523
		78	0.3924	1.250	31.40	0.3140	5.0307	2.5484
8DPSK	3-DH1	0	0.3924	1.250	31.40	0.3140	5.0307	2.5484
		39	0.3918	1.249	31.36	0.3136	5.0362	2.5523
		78	0.3918	1.249	31.36	0.3136	5.0362	2.5523

Test Graphs



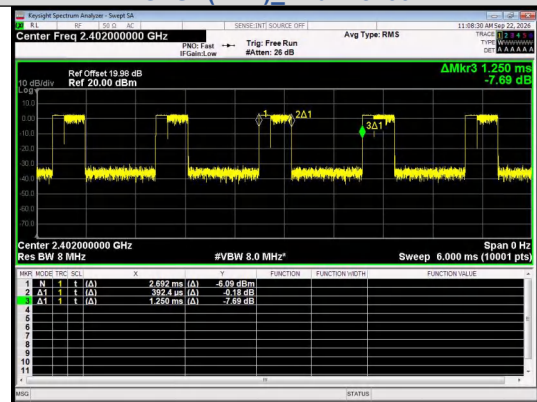
GFSK(DH1)_Channel 0



GFSK(DH1)_Channel 39



GFSK(DH1)_Channel 78



$\pi/4$ DQPSK(2-DH1)_Channel 0



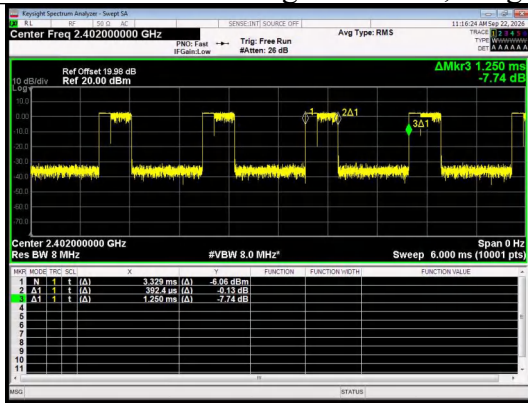
$\pi/4$ DQPSK(2-DH1)_Channel 39



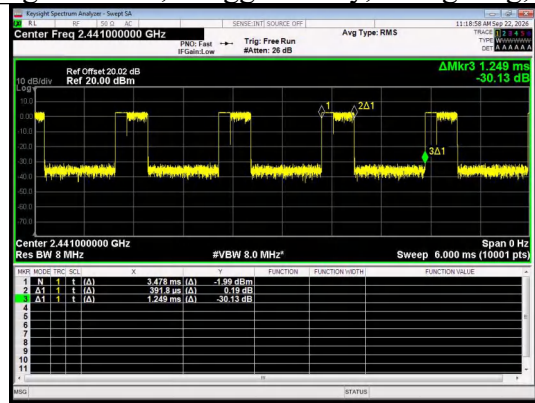
$\pi/4$ DQPSK(2-DH1)_Channel 78



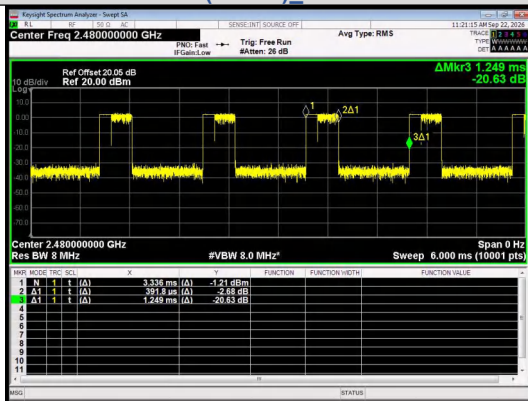
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



8DPSK(3-DH1)_Channel 0



8DPSK(3-DH1)_Channel 39



8DPSK(3-DH1)_Channel 78



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

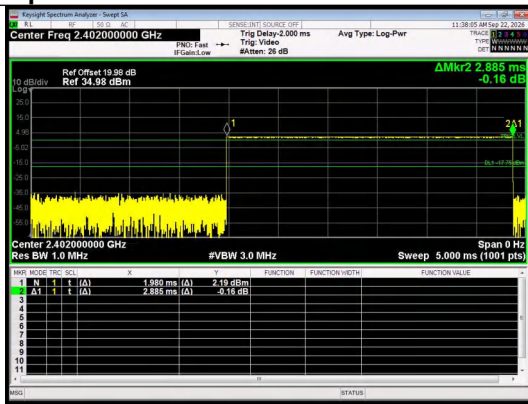
A.7 DWELL TIME

Test Result

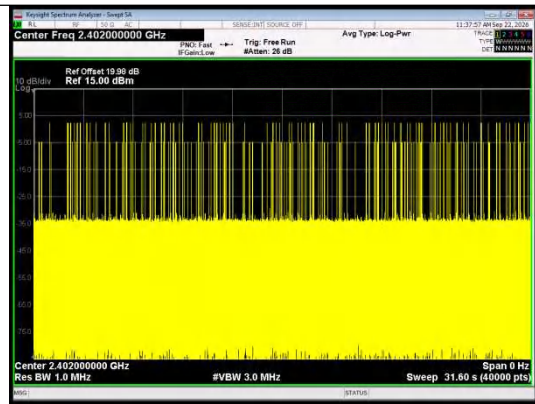
Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	DH5	Hopping	2.8850	107	308.7	< 400	PASS
	DH5		2.8800	113	325.44		PASS
	DH5		2.8800	100	288.0		PASS
π /4DQPSK	2-DH5		2.8900	107	309.23		PASS
	2-DH5		2.8800	101	290.88		PASS
	2-DH5		2.8900	105	303.45		PASS
8DPSK	3-DH5		2.8900	98	283.22		PASS
	3-DH5		2.9000	91	263.9		PASS
	3-DH5		2.8600	106	303.16		PASS

Note: Dwell time=Pulse time(ms)*Number of Pulses in 31.6 seconds

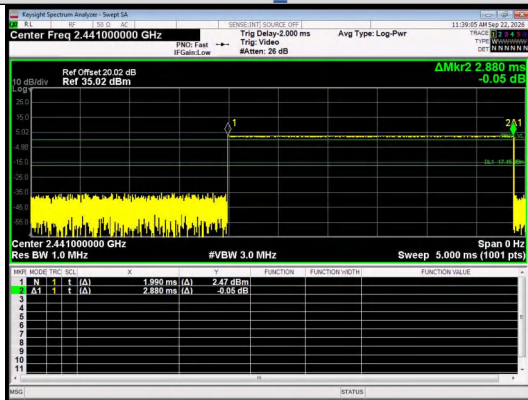
Test Graphs



Pulse Width
GFSK_DH5



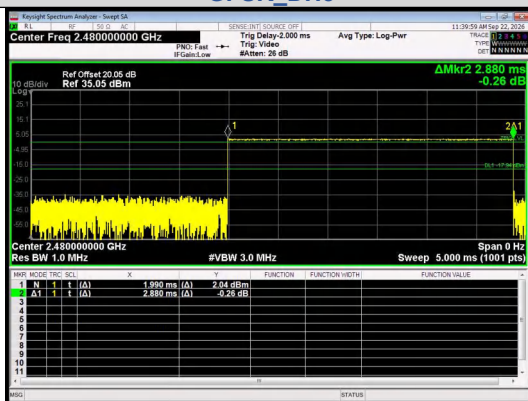
Number of Pulses in 31.6 seconds
GFSK_DH5



Pulse Width
GFSK_DH5



Number of Pulses in 31.6 seconds
GFSK_DH5



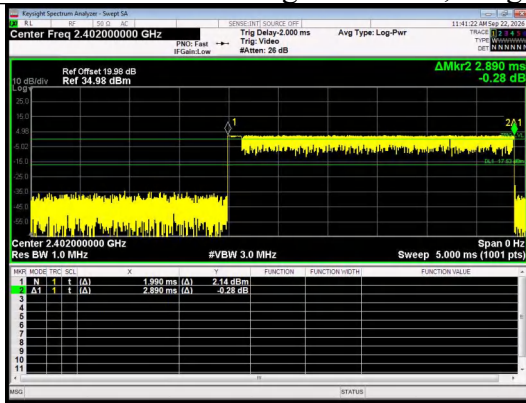
Pulse Width
GFSK_DH5



Number of Pulses in 31.6 seconds
GFSK_DH5



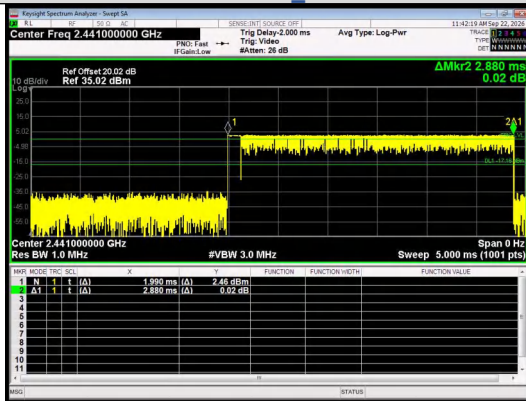
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



Pulse Width
 $\pi/4$ DQPSK_2-DH5



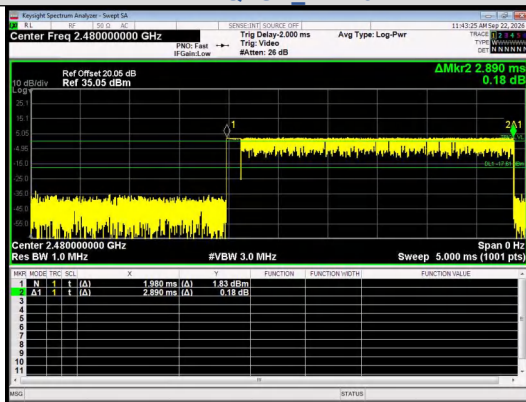
Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



Pulse Width
 $\pi/4$ DQPSK_2-DH5



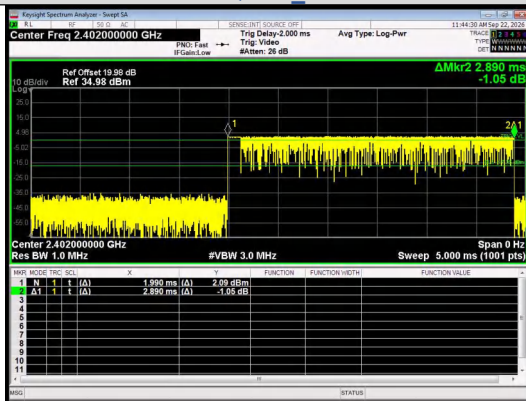
Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



Pulse Width
 $\pi/4$ DQPSK_2-DH5



Number of Pulses in 31.6 seconds
 $\pi/4$ DQPSK_2-DH5



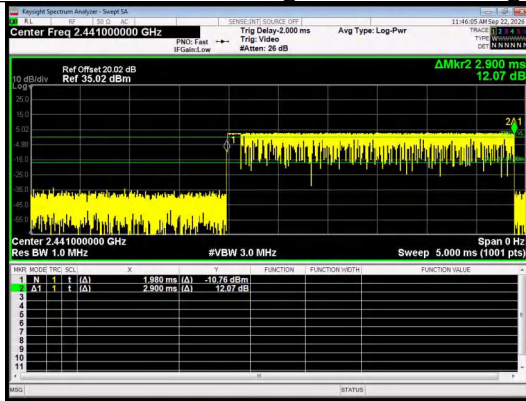
Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



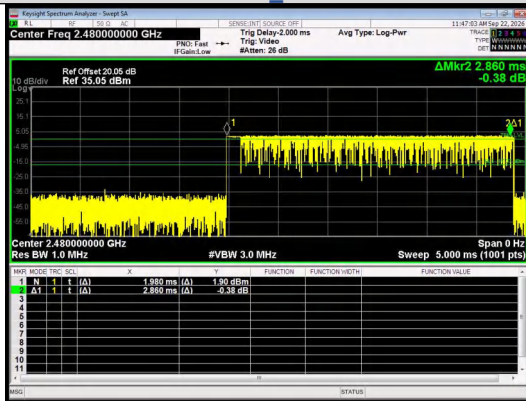
Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China



Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



Pulse Width
8DPSK_3-DH5



Number of Pulses in 31.6 seconds
8DPSK_3-DH5



Keyway Testing Technology (Guangdong) Co., Ltd
21 Floor,Building 6,Dongyi Intelligent Equipment New Energy Vehicle Park,N.30
of Tangxia District,Dongshen Road,Tangxia Town,Dongguan City,Guangdong,China

A.8 NUMBER OF HOPPING CHANNEL

Test Result

Modulation	Packet	Number of Hopping Channel	Limit	Verdict
GFSK	DH1	79	15	PASS
$\pi/4$ DQPSK	2-DH1	79	15	PASS
8DPSK	3-DH1	79	15	PASS

Test Graphs

