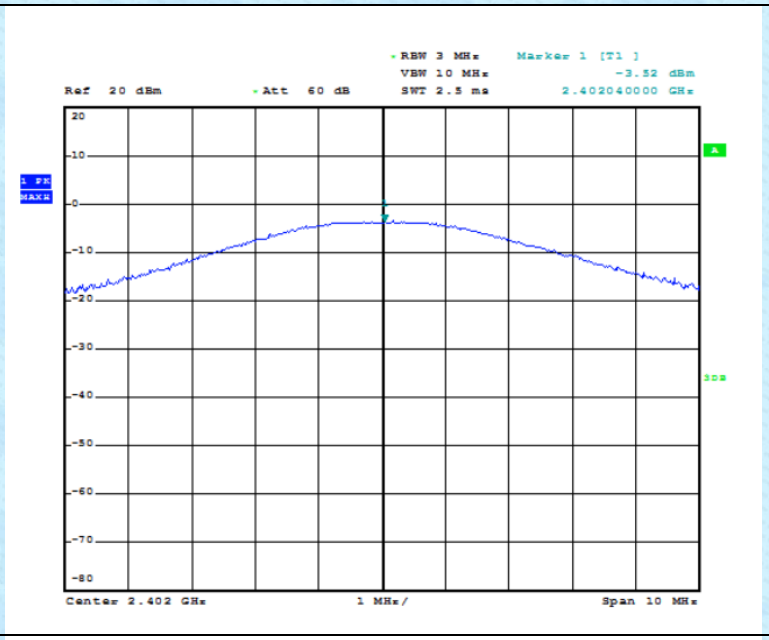
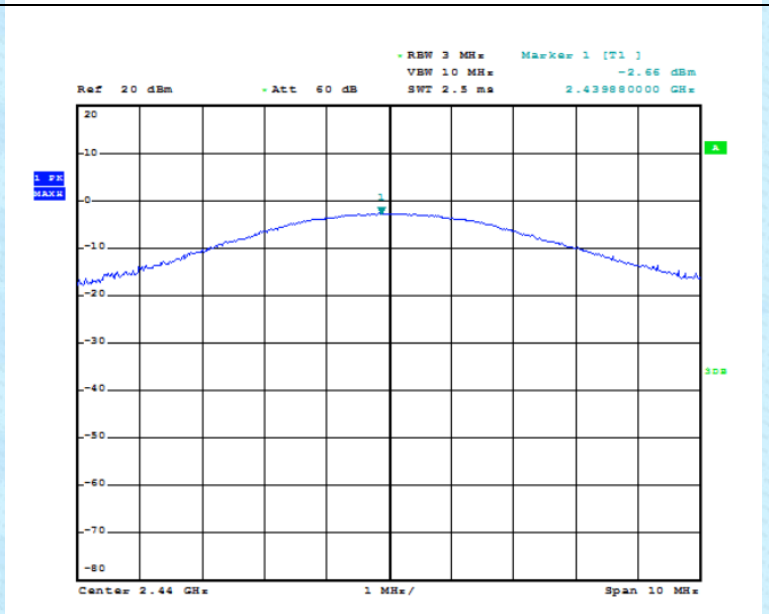
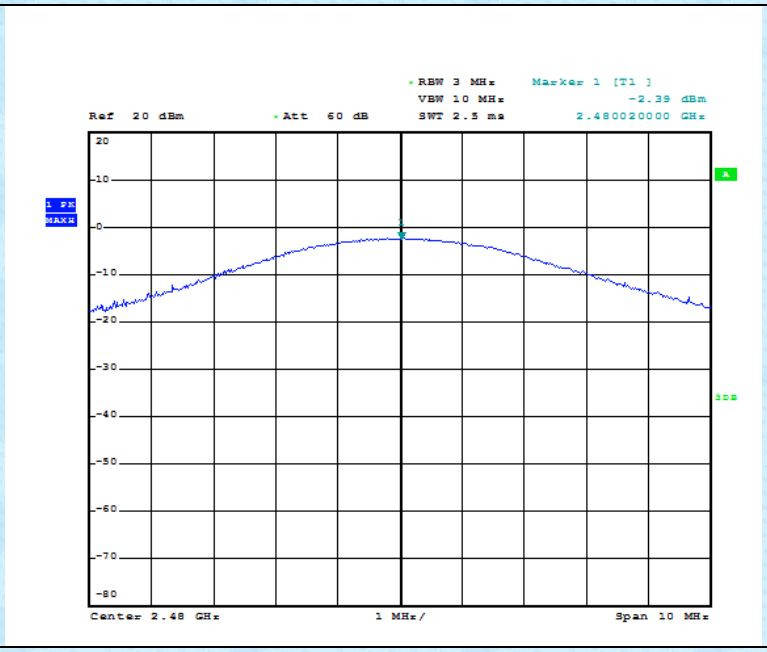
Product Name: Mural lamp

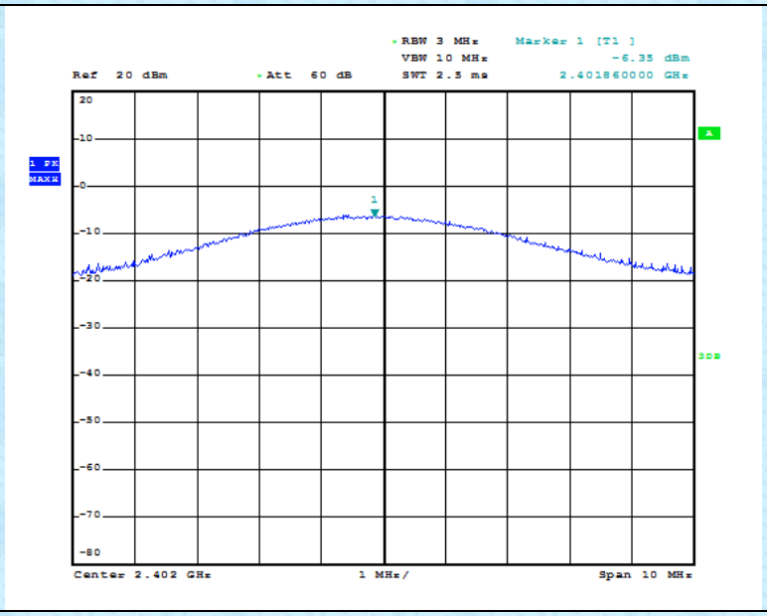
Test Model No.: VT182105W-803K-BK

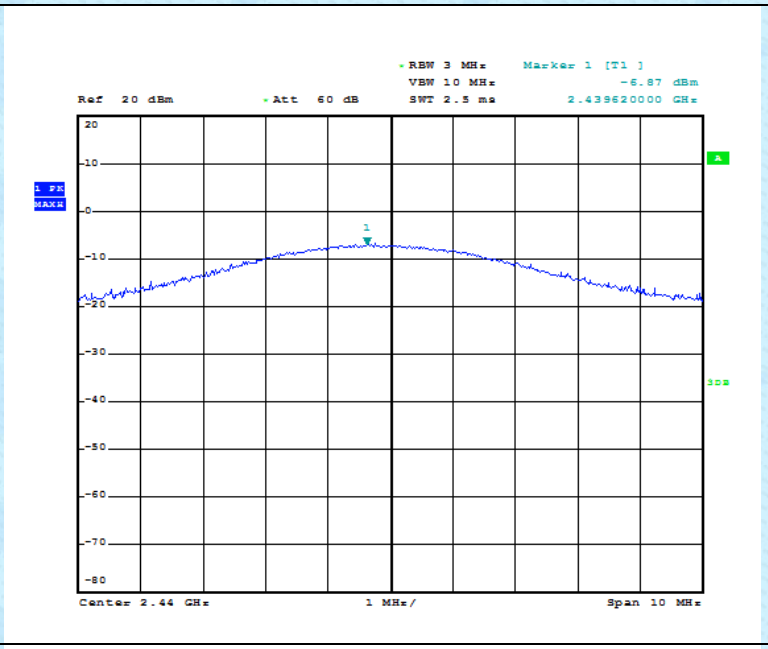
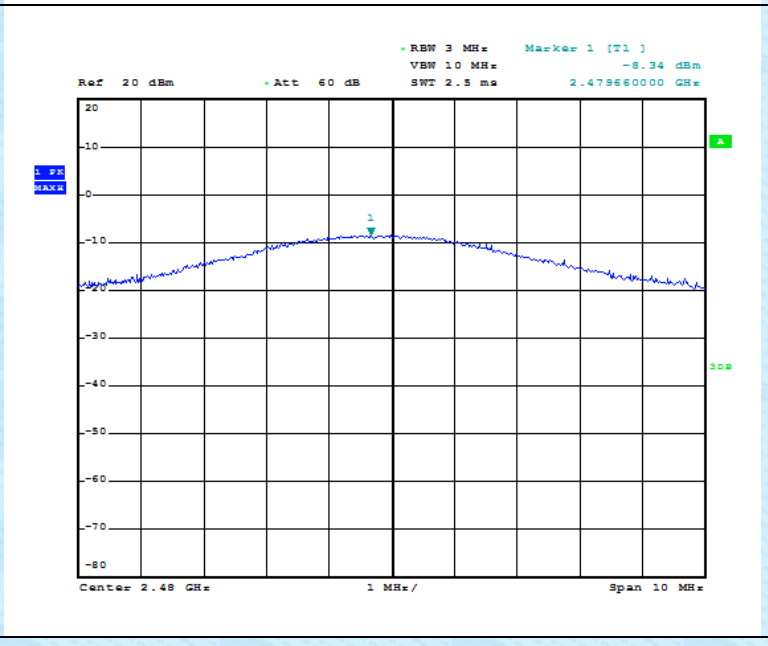
7.3 Conducted Peak Output Power

Test Mode	CH	Output power (dBm)	Limit (dBm)
GFSK	CH01	-3.52	≤30
	CH40	-2.66	
	CH79	-2.39	
π /4 DQPSK	CH01	-6.35	≤30
	CH40	-6.87	
	CH79	-8.34	

Type:	GFSK
CH01	
CH40	

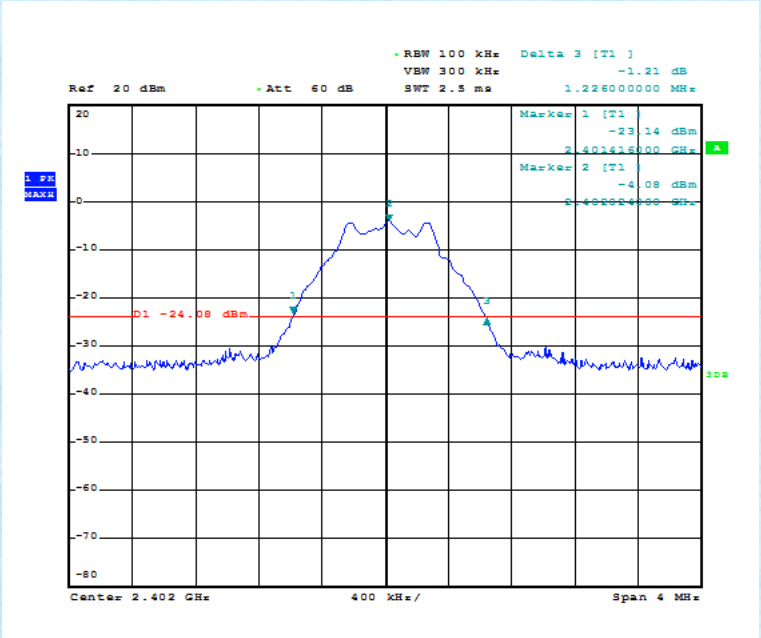
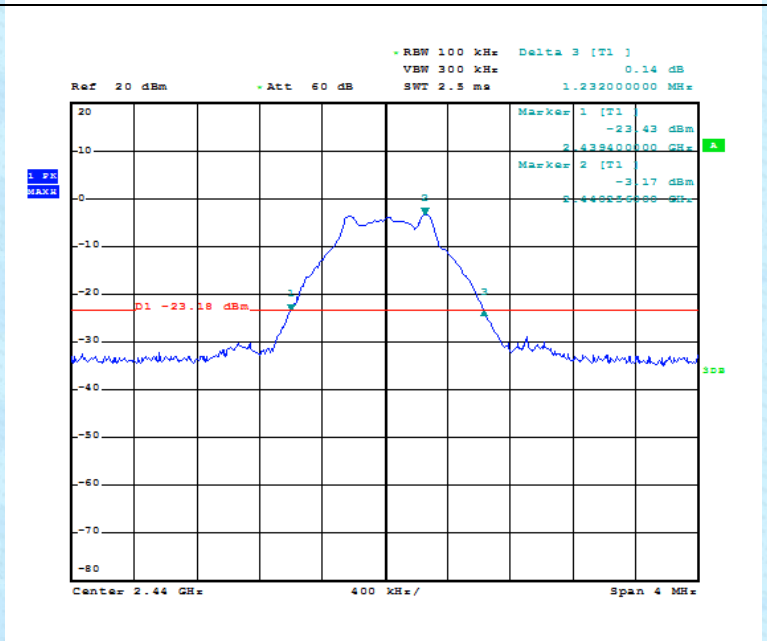
CH79	

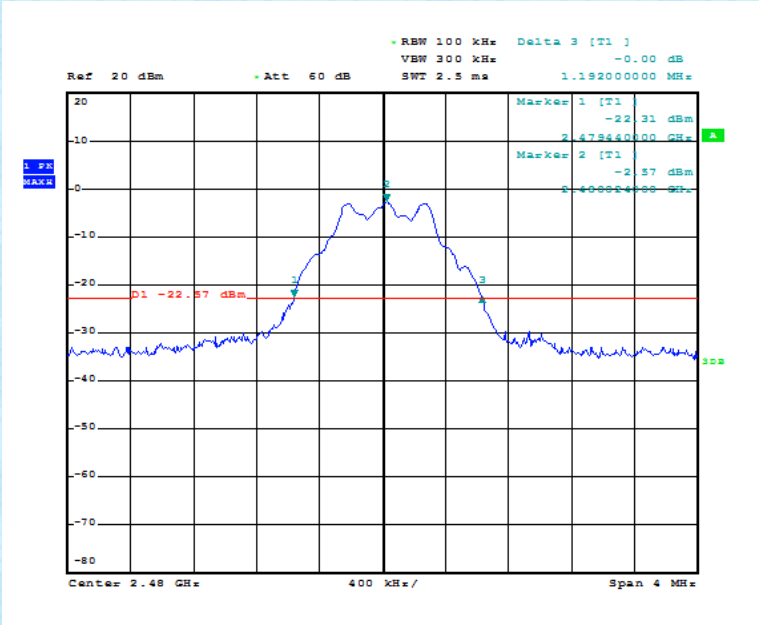
Type:	**π /4 DQPSK**
CH01	

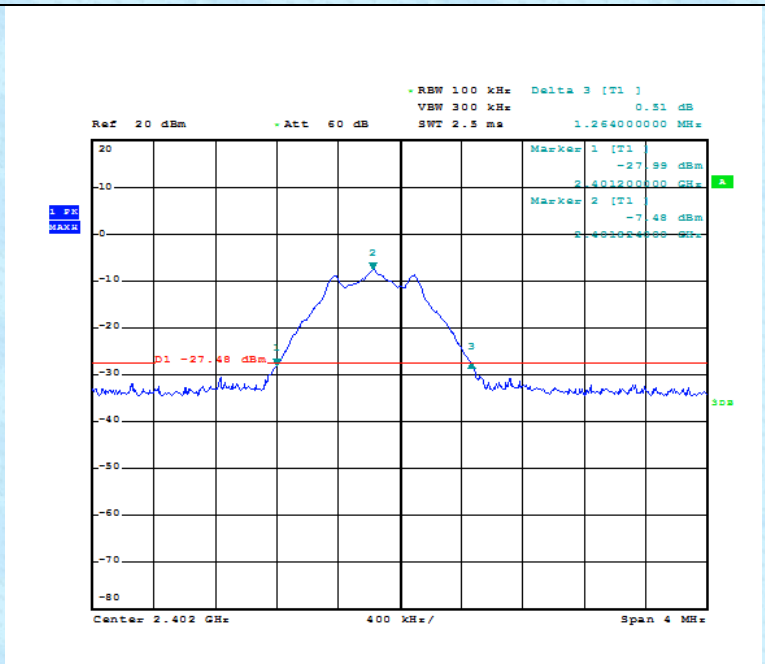
CH40	 RBW 3 MHz VBW 10 MHz SWT 2.5 ms Marker 1 [T1] -6.87 dBm 2.439620000 GHz Ref 20 dBm Att 60 dB 1 PK MAXH 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 A 3DB Center 2.44 GHz 1 MHz/ Span 10 MHz
CH79	 RBW 3 MHz VBW 10 MHz SWT 2.5 ms Marker 1 [T1] -8.34 dBm 2.479660000 GHz Ref 20 dBm Att 60 dB 1 PK MAXH 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 A 3DB Center 2.48 GHz 1 MHz/ Span 10 MHz

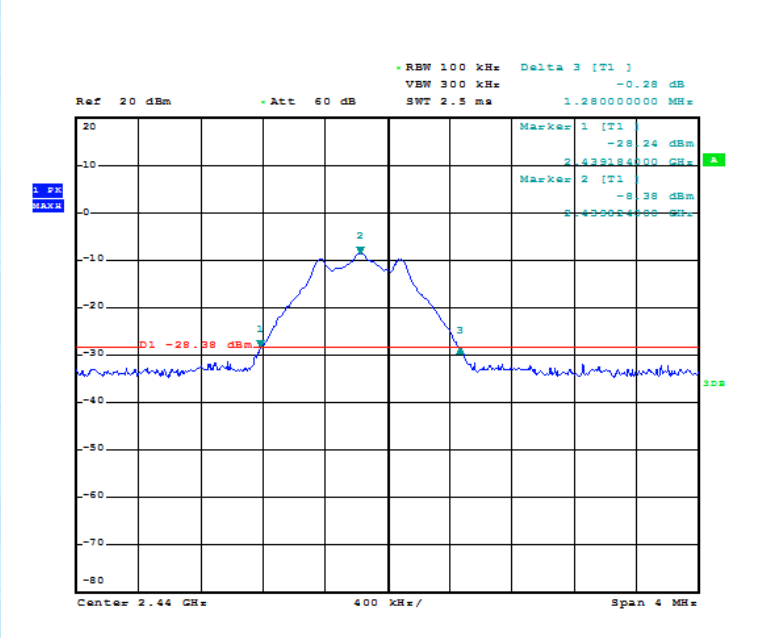
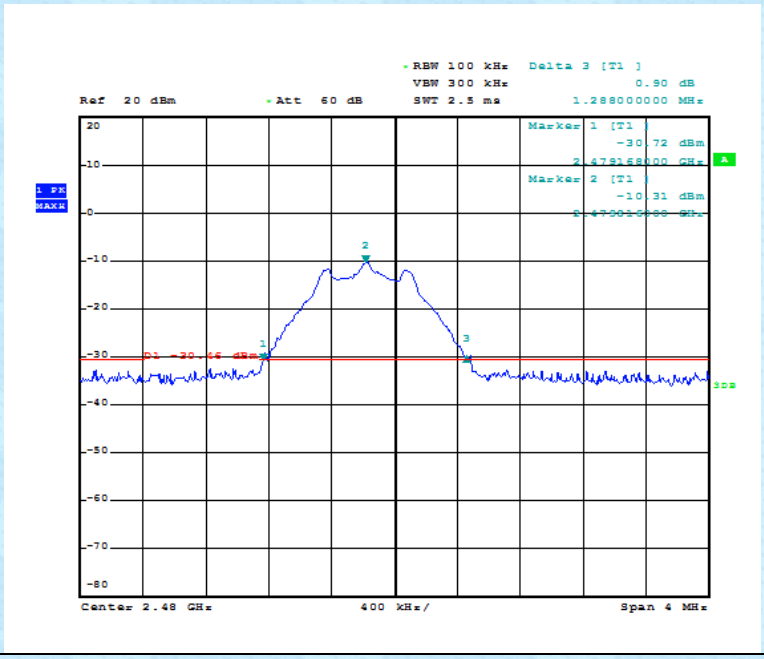
7.4 20dB Emission Bandwidth

Test Mode	CH	20dB bandwidth (MHz)	Limit (KHz)
GFSK	CH01	1.226	≧ 500
	CH40	1.232	
	CH79	1.192	
π/4 DQPSK	CH01	1.264	≧ 500
	CH40	1.280	
	CH79	1.288	
Conclusion：PASS			

Type:	GFSK
CH01	
CH40	

CH79	

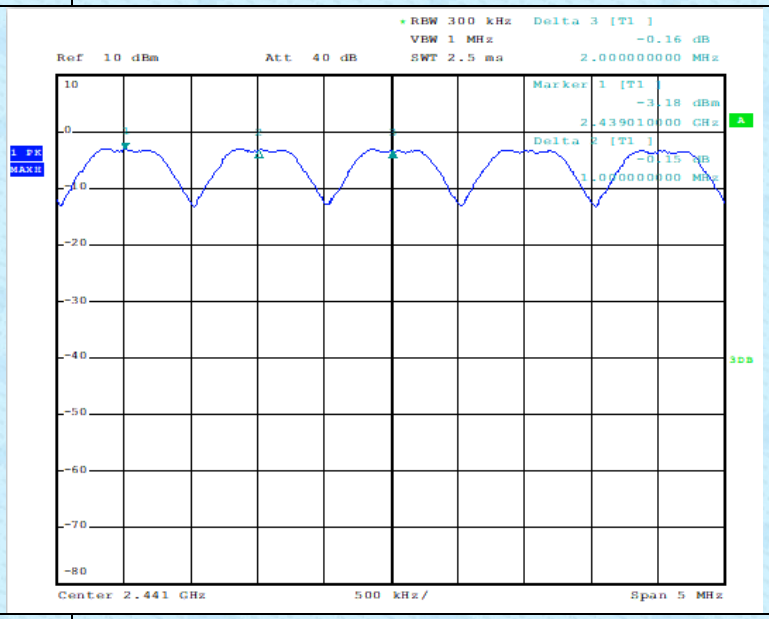
Type:	**π /4 DQPSK**
CH01	

CH40	 RBW 100 kHz VBW 300 kHz SWT 2.5 ms Delta 3 [T1] -0.28 dB 1.280000000 MHz Ref 20 dBm Att 60 dB Marker 1 [T1] -28.24 dBm Marker 2 [T1] -8.38 dBm D1 -28.38 dBm Center 2.44 GHz 400 kHz/ Span 4 MHz
CH79	 RBW 100 kHz VBW 300 kHz SWT 2.5 ms Delta 3 [T1] 0.90 dB 1.288000000 MHz Ref 20 dBm Att 60 dB Marker 1 [T1] -30.72 dBm Marker 2 [T1] -10.31 dBm Center 2.48 GHz 400 kHz/ Span 4 MHz

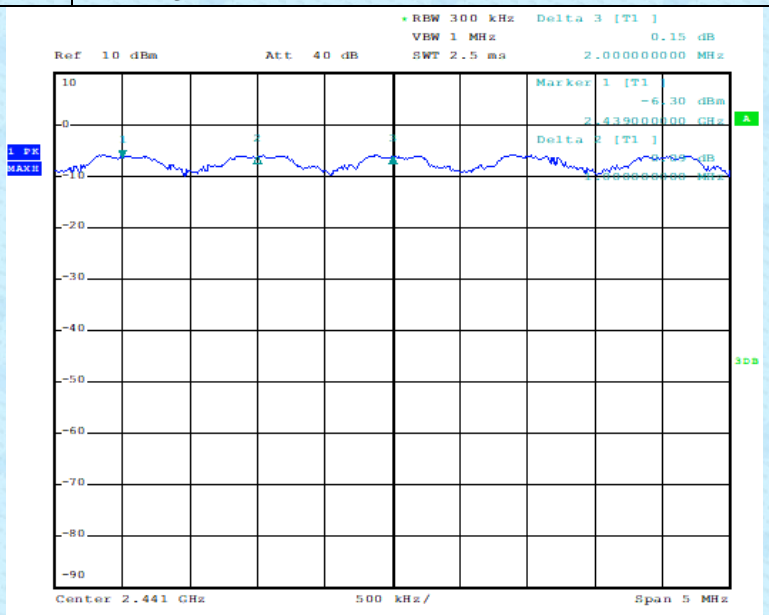
7.5 Carrier Frequencies Separation

Test Mode	Channel separation	Limit(MHz)
GFSK	1MHz	1
π /4 DQPSK	1MHz	1
Conclusion：PASS		

Type:	GFSK

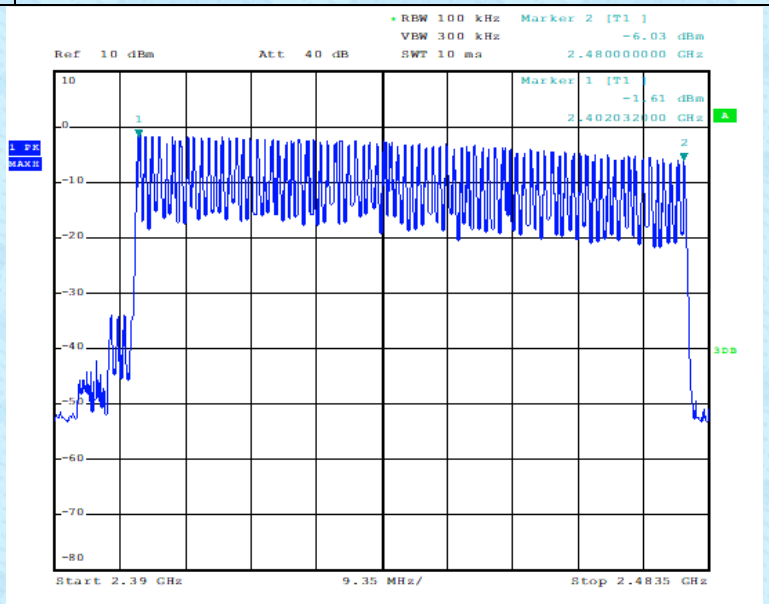
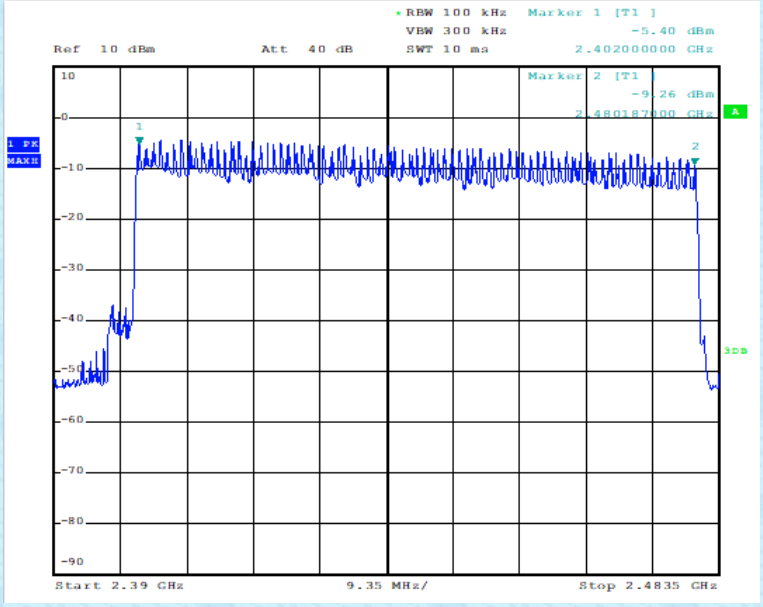


Type:	π /4 DQPSK



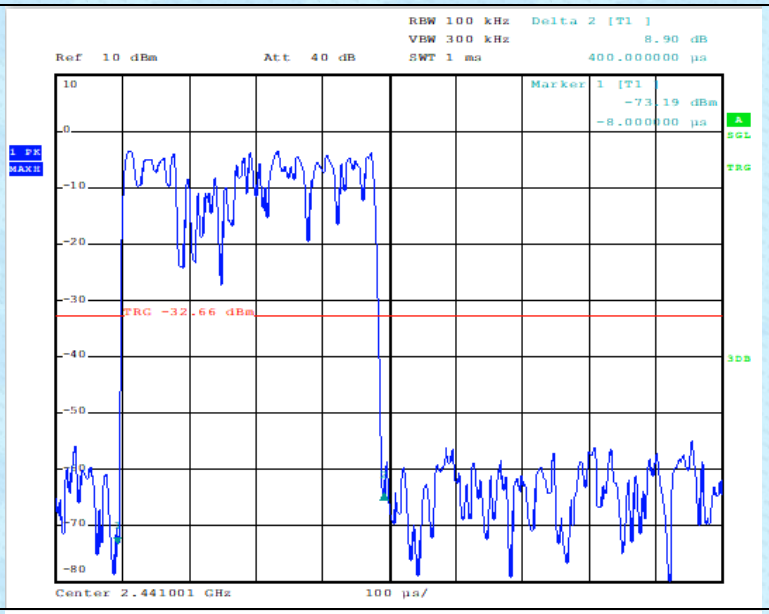
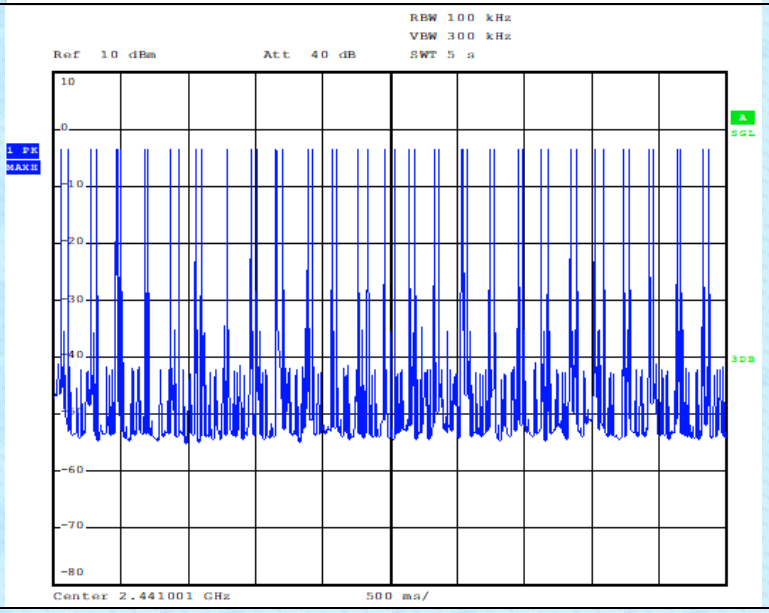
7.6 Hopping Channel Number

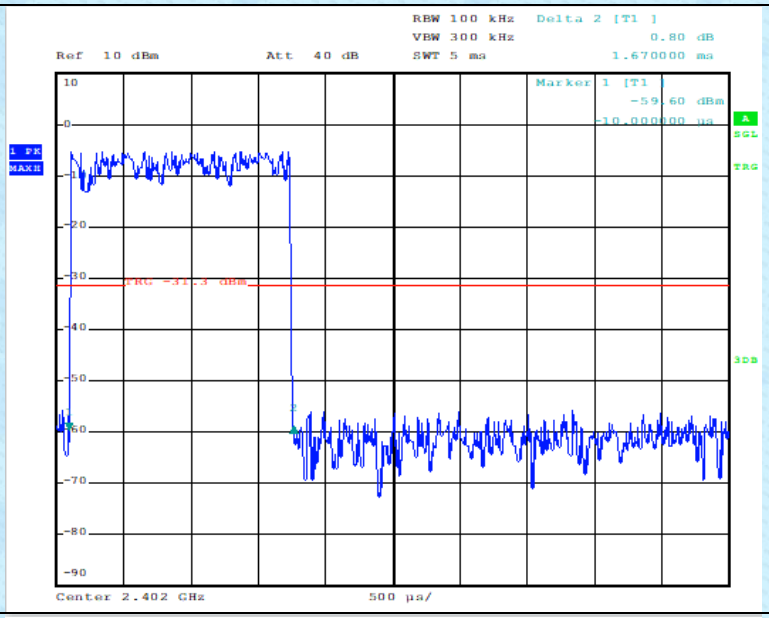
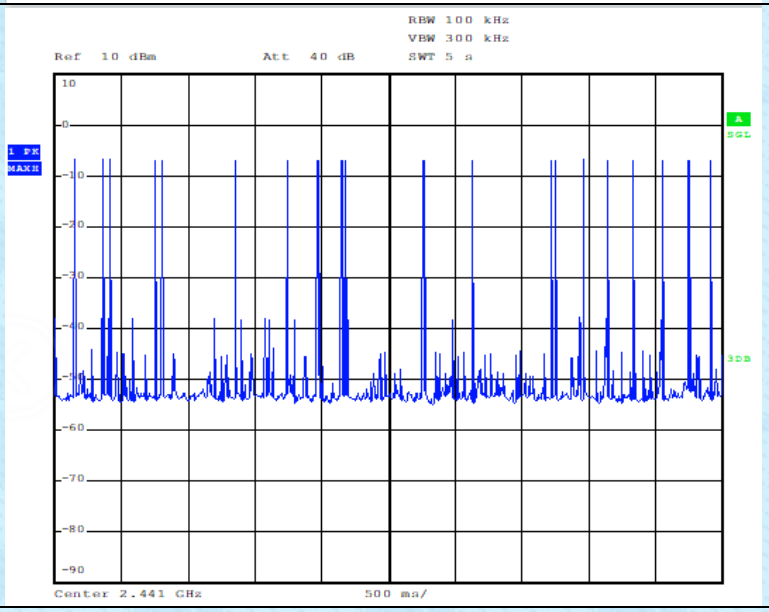
Test Mode	Number of channel	Limit(MHz)
GFSK	79	>=15
π /4 DQPSK	79	>=15
Conclusion：PASS		

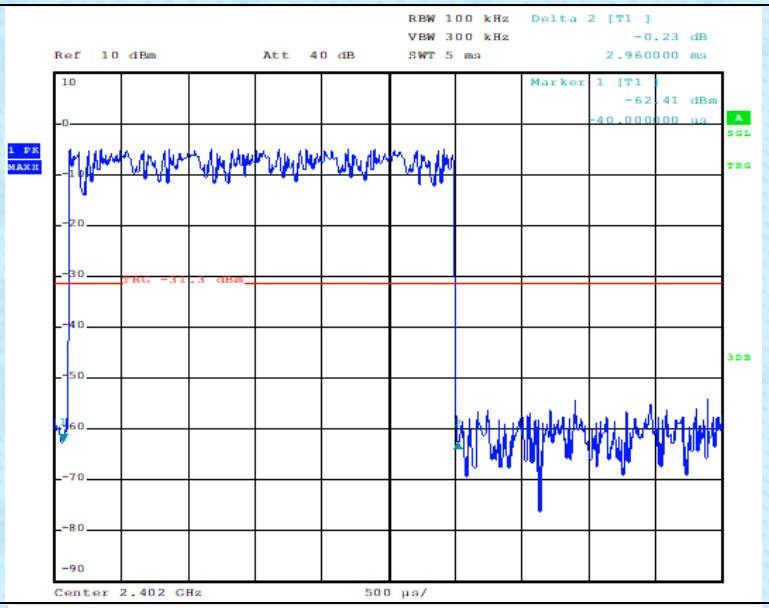
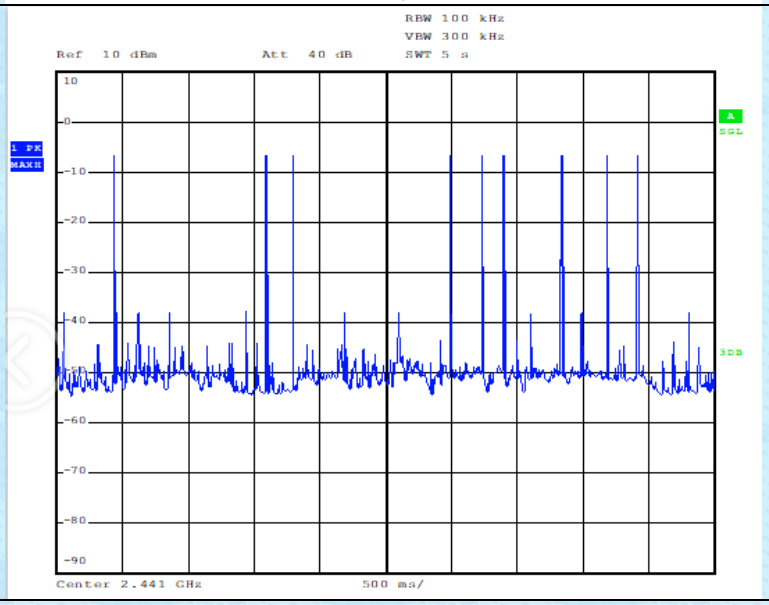
Type:	**GFSK**
	
Type:	**π /4 DQPSK**
	

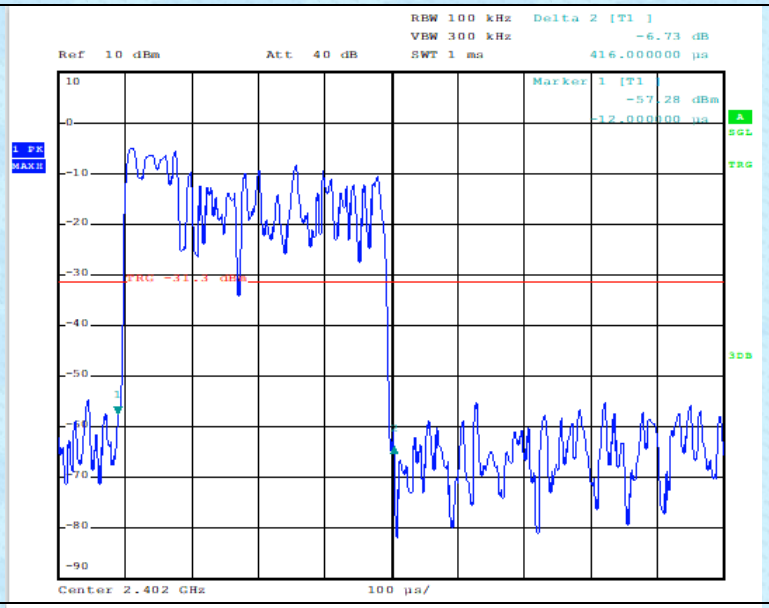
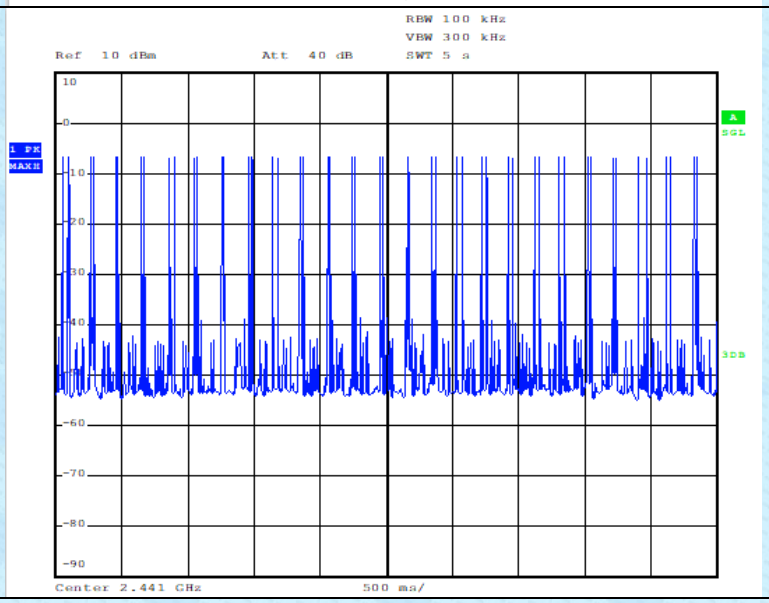
7.7 Dwell Time

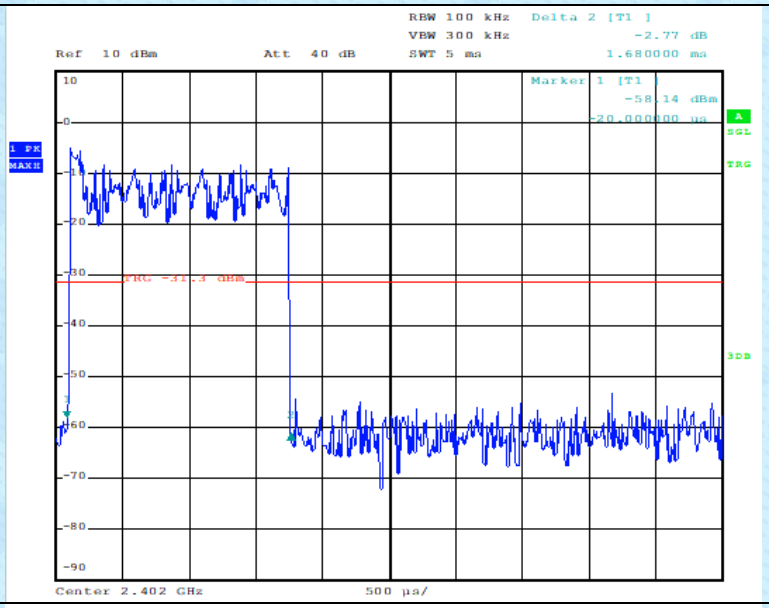
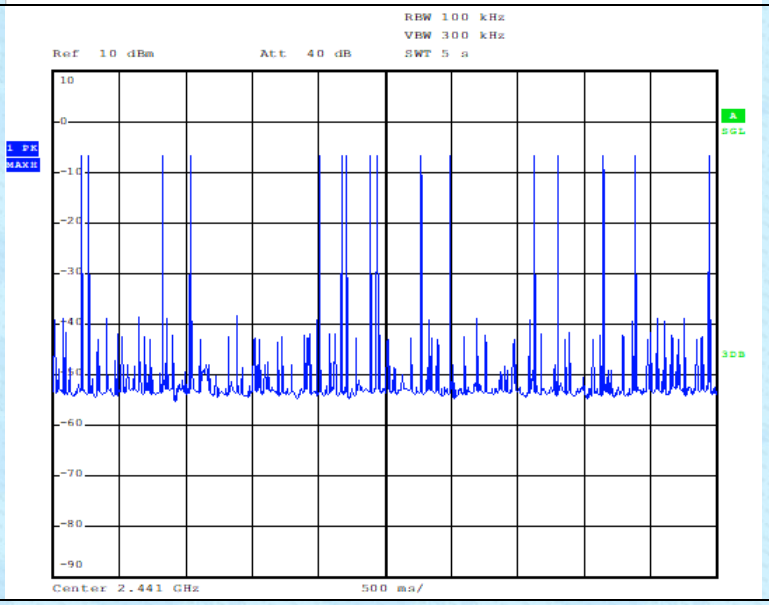
Test Mode		Dwell time	Limit
GFSK	DH1	50hops/5s*0.4*79chanels* 0.400ms =126.4ms	≦400ms
	DH3	21hops/5s*0.4*79chanels* 1.670ms =221.6ms	
	DH5	9hops/5s*0.4*79chanels* 2.960ms =168.4ms	
π/4 DQPSK	2DH1	50hops/5s*0.4*79chanels* 0.416ms =131.5ms	≦400ms
	2DH3	15hops/5s*0.4*79chanels* 1.680ms =159.3ms	
	2DH5	14hops/5s*0.4*79chanels* 2.930ms =259.2ms	
Conclusion：PASS			

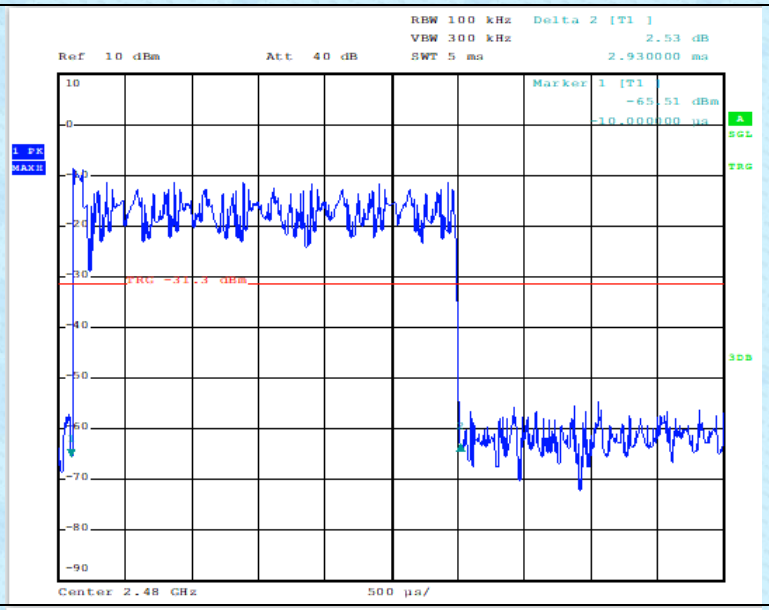
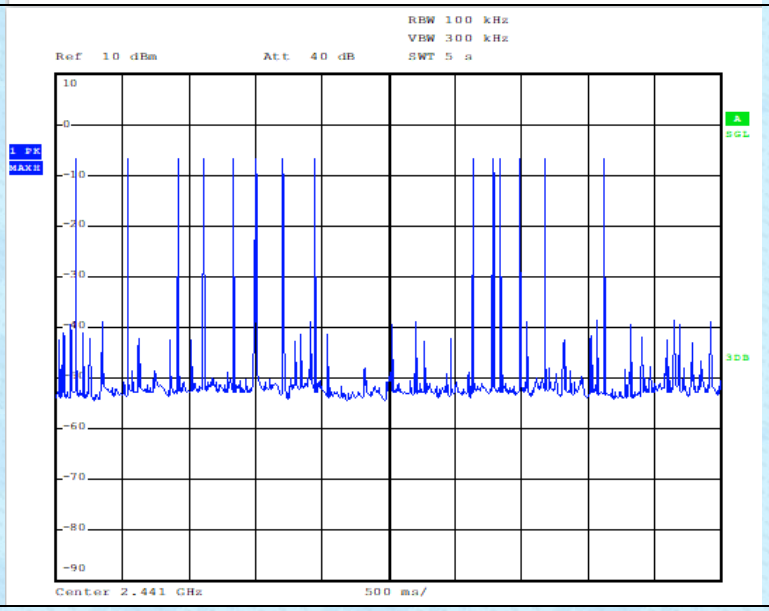
Type:	GFSK
DH1	
	

DH3	 RBW 100 kHz VBW 300 kHz SWT 5 ms Delta 2 [T1] 0.80 dB 1.670000 ms Ref 10 dBm Att 40 dB Marker 1 [T1] -59.60 dBm -10.000000 µs 1 PK MAXH A SGL TRG PRC -41.3 dBm 3DB Center 2.402 GHz 500 µs/	 RBW 100 kHz VBW 300 kHz SWT 5 s Ref 10 dBm Att 40 dB 1 PK MAXH A SGL 3DB Center 2.441 GHz 500 ms/

DH5	 RBW 100 kHz VBW 300 kHz SWT 5 ms Delta 2 [T1] -0.23 dB 2.960000 ms Ref 10 dBm Att 40 dB Marker 1 [T1] -62.41 dBm -40.000000 µs 1 PK MAXH A SGL TRG 3DB PRG -41.3 dBm Center 2.402 GHz 500 µs/	
	 RBW 100 kHz VBW 300 kHz SWT 5 s Ref 10 dBm Att 40 dB 1 PK MAXH A SGL 3DB Center 2.441 GHz 500 ms/	

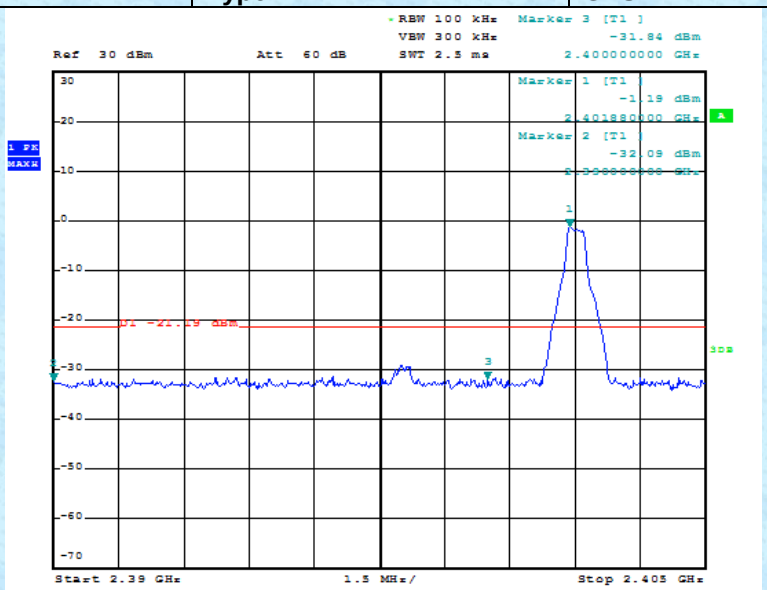
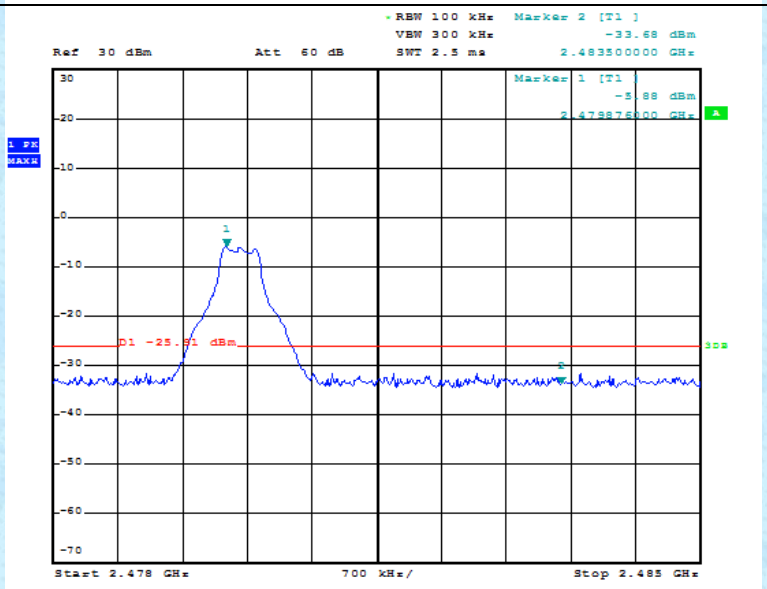
Type:	π /4 DQPSK
2DH1	
	

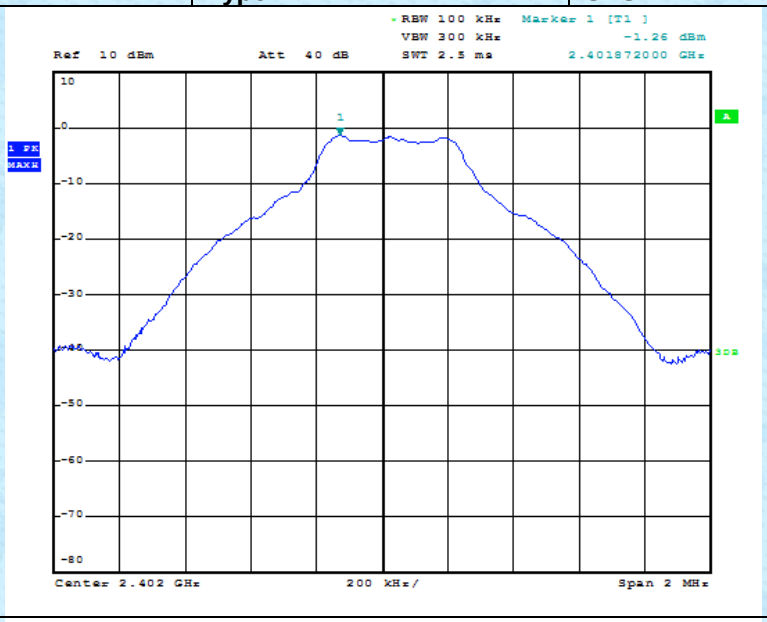
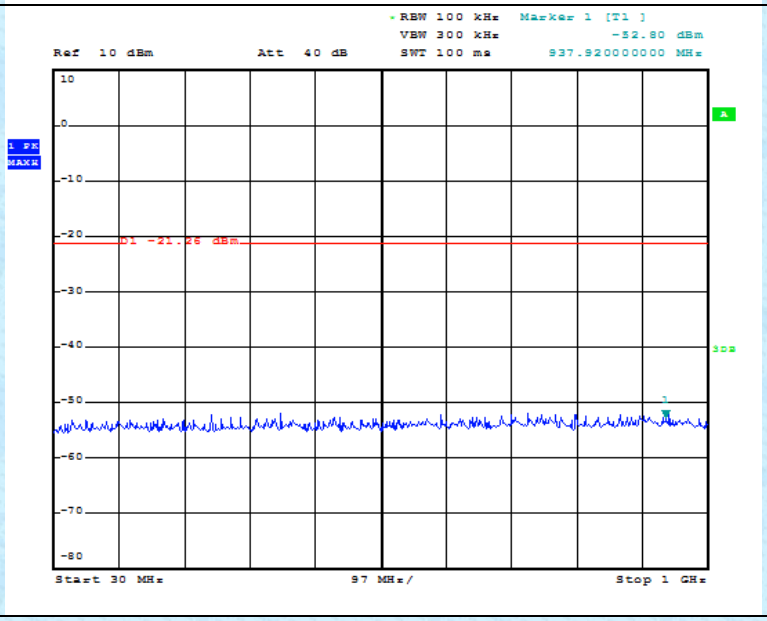
2DH3	 RBW 100 kHz VBW 300 kHz SWT 5 ms Delta 2 [T1] -2.77 dB 1.680000 ms Ref 10 dBm Att 40 dB Marker 1 [T1] -58.14 dBm -20.000000 µs 1 PK MAXH A SGL TRG DTL -31.3 dBm 3DB Center 2.402 GHz 500 µs/	
	 RBW 100 kHz VBW 300 kHz SWT 5 s Ref 10 dBm Att 40 dB 1 PK MAXH A SGL 3DB Center 2.441 GHz 500 ms/	

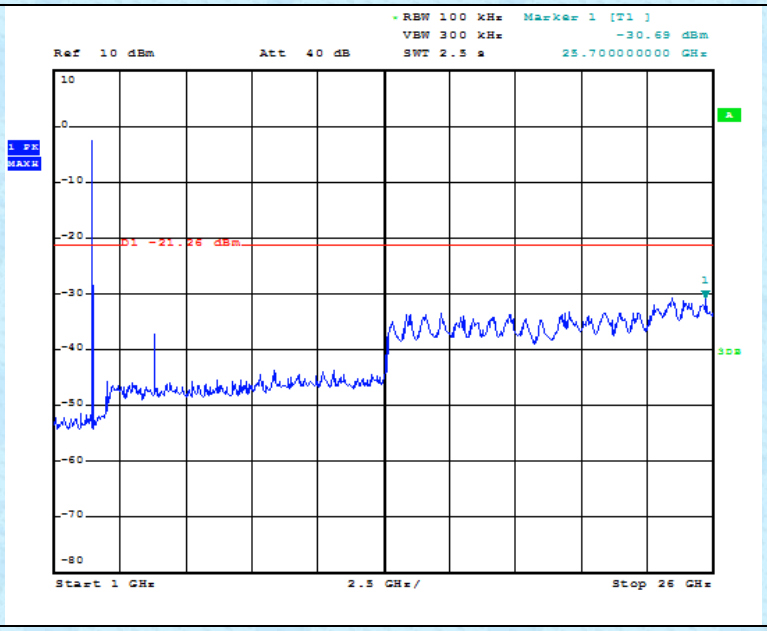
2DH5	 RBW 100 kHz VBW 300 kHz SWT 5 ms Delta 2 [T1] 2.53 dB 2.930000 ms Ref 10 dBm Att 40 dB Marker 1 [T1] -65.51 dBm -10.000000 µa 1 PK MAXH A SGL TRG 3DB PRG -41.3 dBm Center 2.48 GHz 500 µs/	
	 RBW 100 kHz VBW 300 kHz SWT 5 s Ref 10 dBm Att 40 dB 1 PK MAXH A SGL 3DB Center 2.441 GHz 500 ms/	

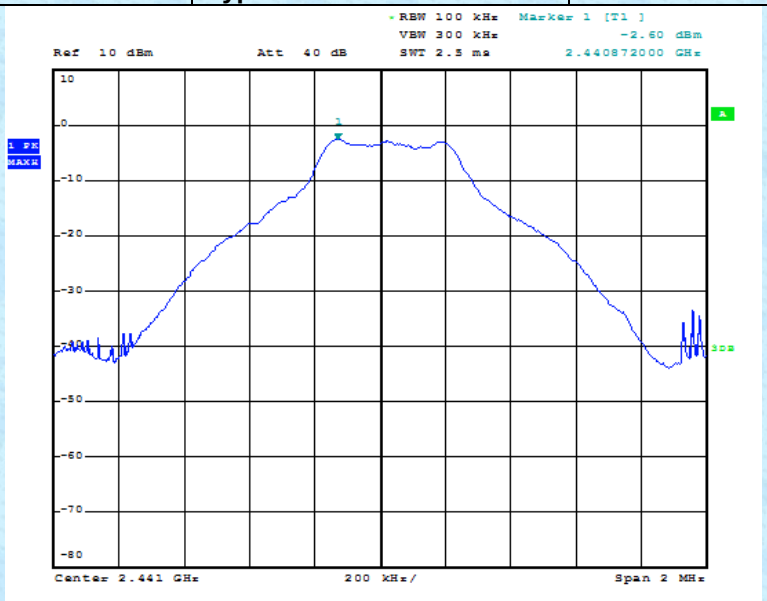
7.8 Spurious Emission in Non-restricted & restricted Bands

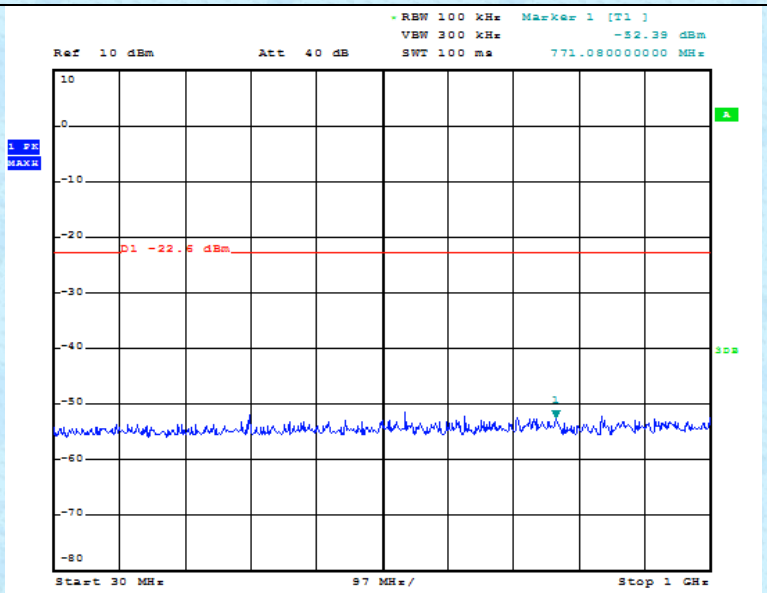
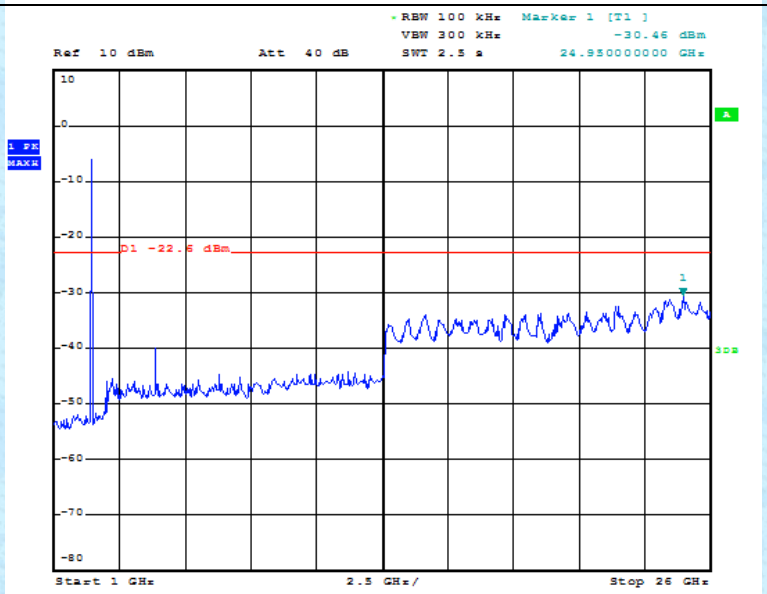
7.8.1 Conducted Emission Method

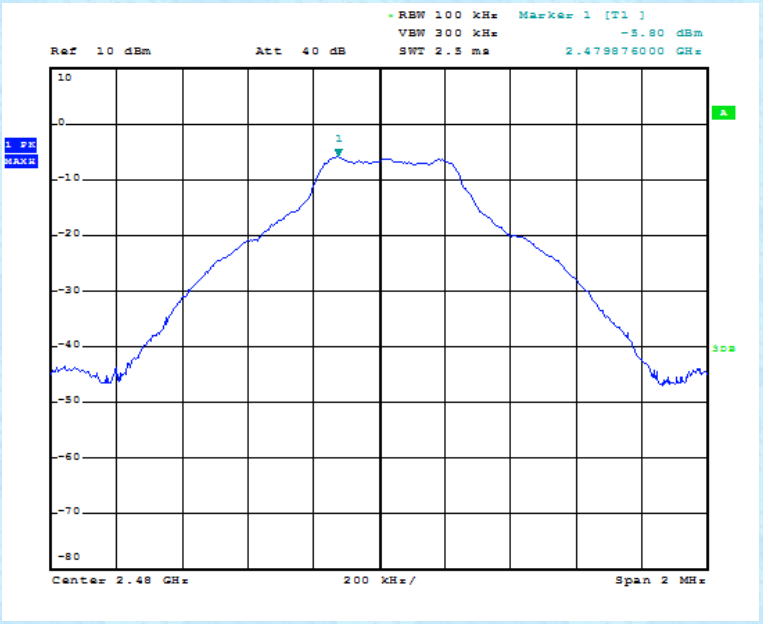
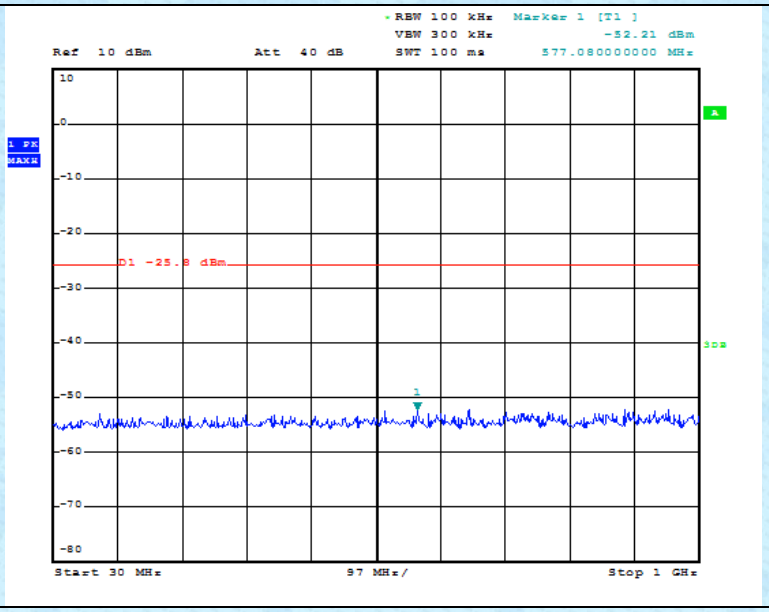
Test Item:	Bandedge	Type:	GFSK
CH01			
CH79			

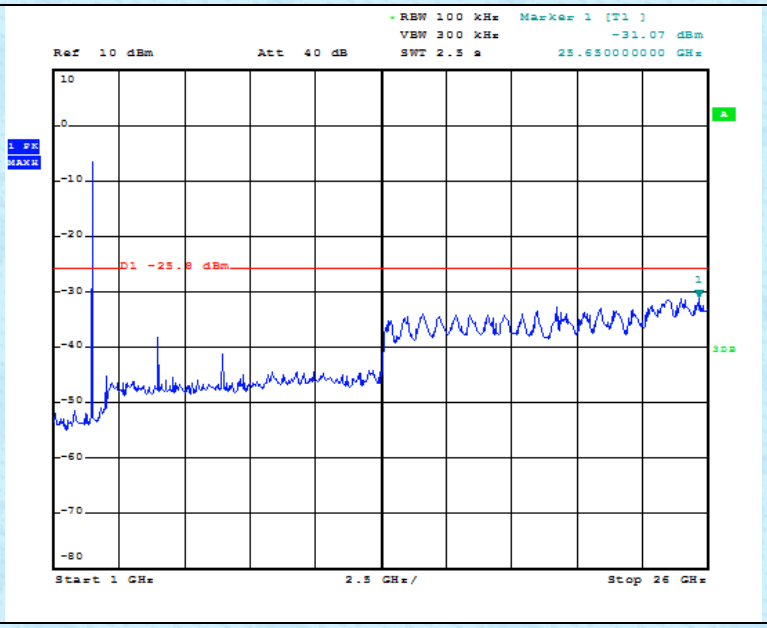
Test Item:	SE	Type:	GFSK
CH01 Reference level			
CH01 30MHz-1000MHz			

CH01 Above 1GHz	

Test Item:	SE	Type:	GFSK
CH40 Reference level			

CH40 30MHz-1000MHz	
CH40 Above 1GHz	

Test Item:	SE	Type:	GFSK
CH79 Reference level			
CH79 30MHz-1000MHz			

CH79 Above 1GHz	

------End------