

# Design Validation Form

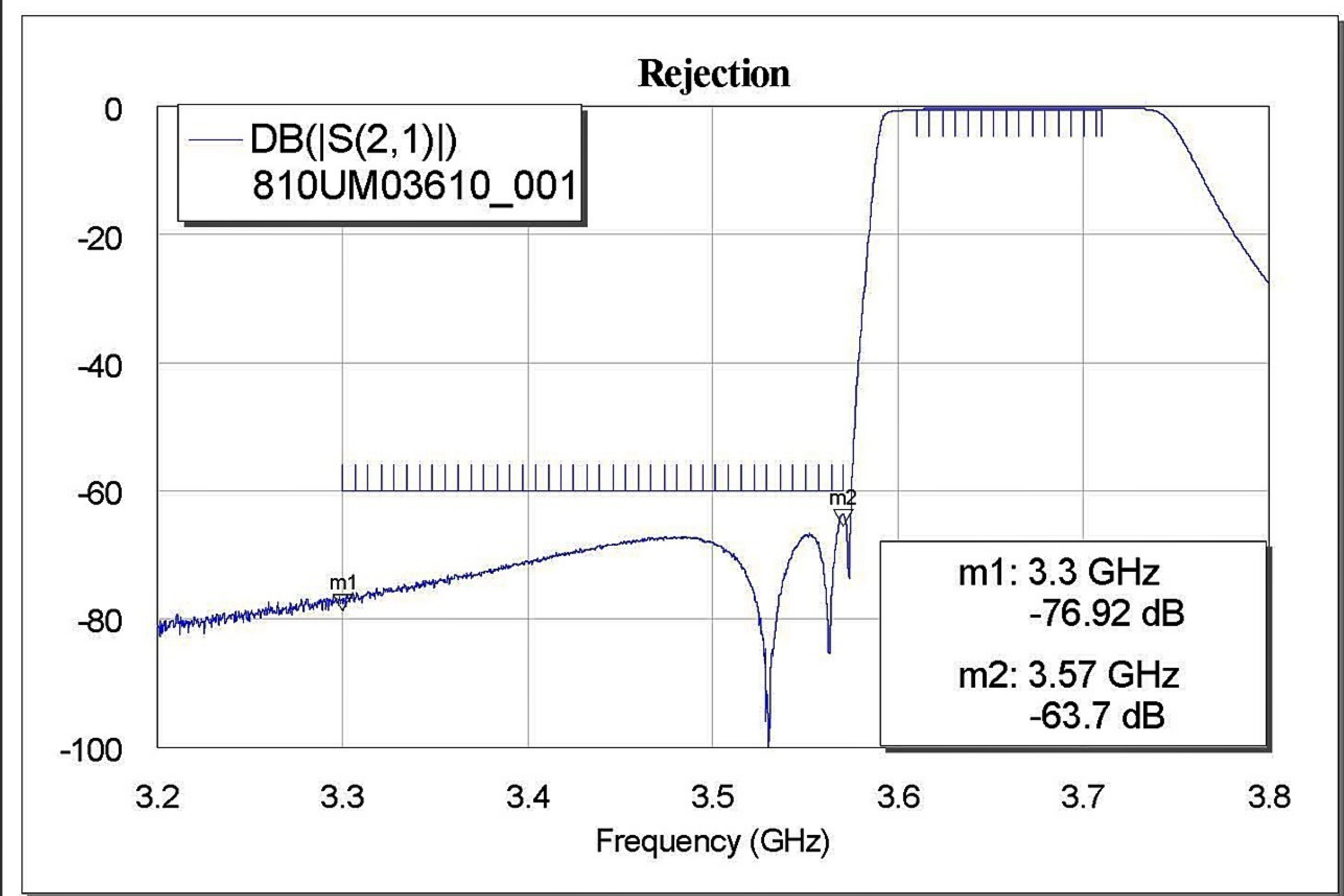
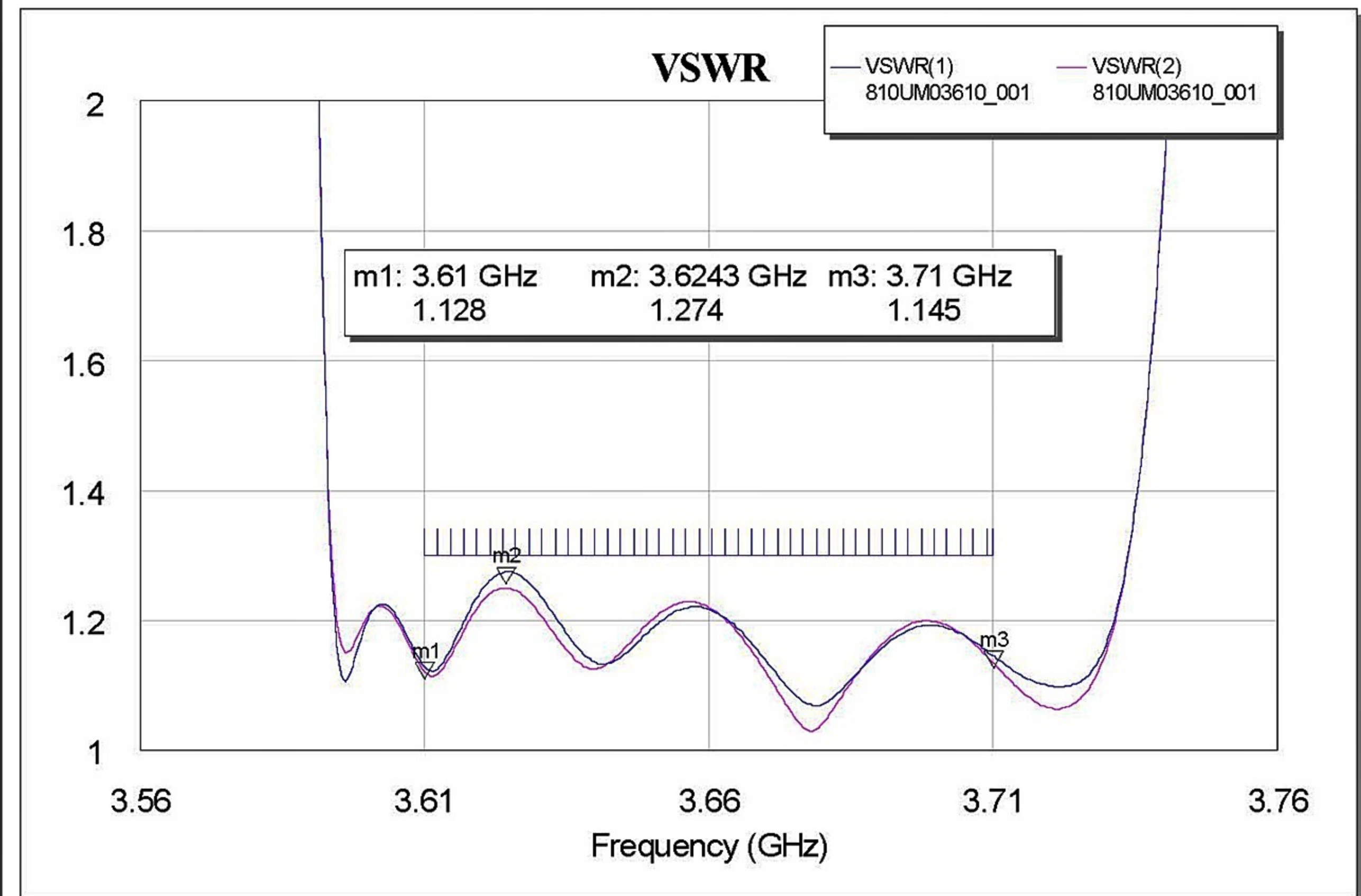
Product Name		Part Number		Serial Number		
3.66GHz C-Band BPF		Customer P/N: NA P/N: 810UM03610		UM19306440		
Requirement	Specification	Test Method		Result	Record	Comply
		Test Equipment				
Center frequency	3660 MHz	RS1026	Keysight N5230C	3660 MHz	P1 - P2	YES
Frequency range	3610 to 3710 MHz	RS1026	Keysight N5230C	3610 to 3710 MHz	P1 - P2	YES
Insertion loss in band	0.5dB max	RS1026	Keysight N5230C	0.43 dB	P2	YES
VSWR	1.3 :1 MAX (17.7 dB MAX)	RS1026	Keysight N5230C	1.274 (18.38 dB)	P1	YES
Rejection	60 dB min@3300 ~ 3570 MHz	RS1026	Keysight N5230C	63.7 dB	P1	YES
Flanges	CPR229G / CPR229F	QS02	Mitutoyo	CPR229G / CPR229F	NA	YES
WG size	WR229	QS02	Mitutoyo	WR229	NA	YES
Temperature	-20~+50°C	QS42	WIT TH-2P-D	-20~+50°C	NA	YES
Pressurization	Sealed to 5 psi	RS1027	Sealing Jlg	Sealed to 5 psi	NA	YES
Material finish	Silver plating	QS44	Fischerscope D081BS	Silver plating	NA	YES
Finish	Powder coating, color according with RAL 9003(UMT P/N: 730022)	QS06	Elektro Physik 180-1002	Powder coating, color according with RAL 9003(UMT P/N: 730022)	NA	YES
Rev: 07		Date: 2019.10.23		Action Taken by Sam Tsai		
Approved by Wei Cheng		Initiated by Sam Tsai		Date : 2019.10.23		

Comments:

Reviewed by QE :                     Alan Huang                          Date :                     2019.10.23                      
 Reviewed by Design Engineer :                     Sam Tsai / Nick Chen                          Date :                     2019.10.23                      
 Approved :                     Wei Cheng                          Date :                     2019.10.23

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