



SUMMARY TEST DATA

On

SBA-218-63DB-6B-SFF

Customer: _____
 SO No: _____
 Model No: SBA-218-63DB-6B-SFF
 Serial No: PL34248/2140

Tested By: A. Lopez
 Temperature: +25°C
 Date: 10/7/2021
 Drawing No: 27639900 Rev: E1

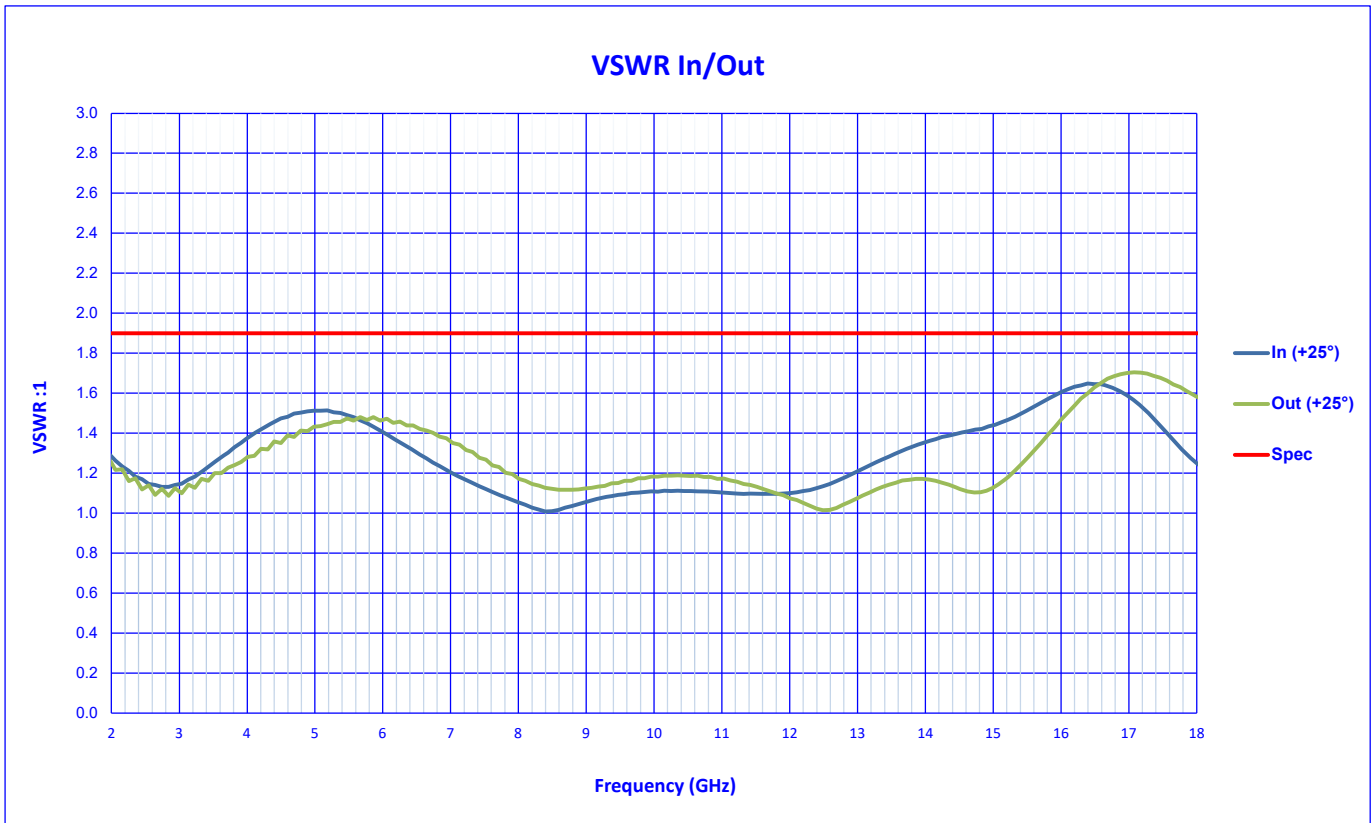
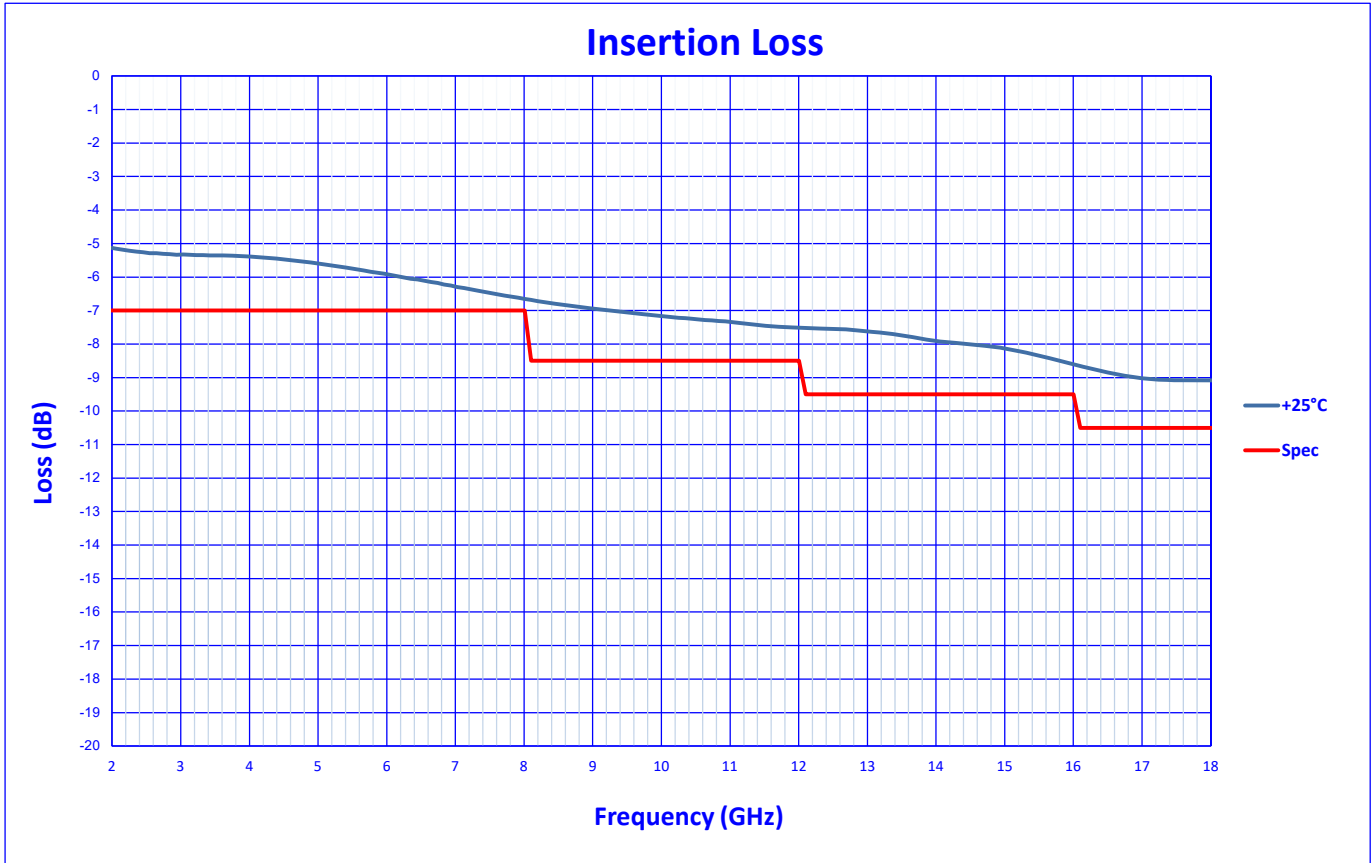
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
			+25°C	
1	Frequency Range:	2 to 18 GHz	2 to 18 GHz	
2	Insertion Loss:	7 dB Max.(2 To 8 GHz) 8.5 dB Max.(8 To 12 GHz) 9.5 dB Max.(12 To 16 GHz) 10.5dB Max.(16 To 18 GHz)	6.65 dB	
			7.51 dB	
			8.6 dB	
			9.09 dB	
			See Graphs	
3	Attenuation Range (Over IL):	0 To 63 dB	Pass See Typical Characteristics	
4	Nominal Attenuation Res:	1 dB	Pass See Typical Characteristics	
5	Actual Attenuation Res:	1 +/-0.2dB Goal	Pass See Typical Characteristics	
6	Monotonicity:	Guaranteed	Pass	
7	Riple And Slope	2dB Typ (0 to 31 dB Atte)	0.18 dB Max/-0.21 dB Min	
		4dB Typ. (31 To 63 dB Atte)	1.92 dB Max/-1.23 dB Min	
		2 To 18 GHz, Over Temp	See Graphs	
		0.6dB Typ (0 To 31 dB Atte)	0.06 dB Max/-0.21 dB Min	
		1.2 dB Typ (31 To 63 dB Atte)	1.33 dB Max/-0.99 dB Min	
		Over Any 1 GHz, Over Temp	See Graphs	
8	Harmonics:	-38dBc Max @ 18dBm Input	Pass See Typical Characteristics	
		-40dBc Max @ 15dBm Input		
		-45dBc Max @ 12 dBm Input		
9	Switching Speed:	80ns Max	Pass See Typical Characteristics	
10	Switching Rate:	1 MHz Min	Pass	
11	VSWR (In/Out)	1.9:1 Max	1.7 :1 All The Attenuation steps	
12	Input Power:	+25dBm CW Max.	Pass See Typical Characteristics	
13	Video Leakage:	-55dBm Max, 1 To 18 GHz (Measured with Spectrum Analyzer set to RF Video BW Resolution: 3MHz)	> to -55 dBm See Plots	
14	DC Voltage:	+5VDC +/-5% @ 200 mA Max -12VDC +/-5% @ 300mA Max	+5VDC @ 20 mA -12VDC @ 20 mA	
15	TTL Control:	6 Bits "1 = Insertion Loss" "0 = Attenuation"	Pass	

QA/QC Approval: _____

Date: _____



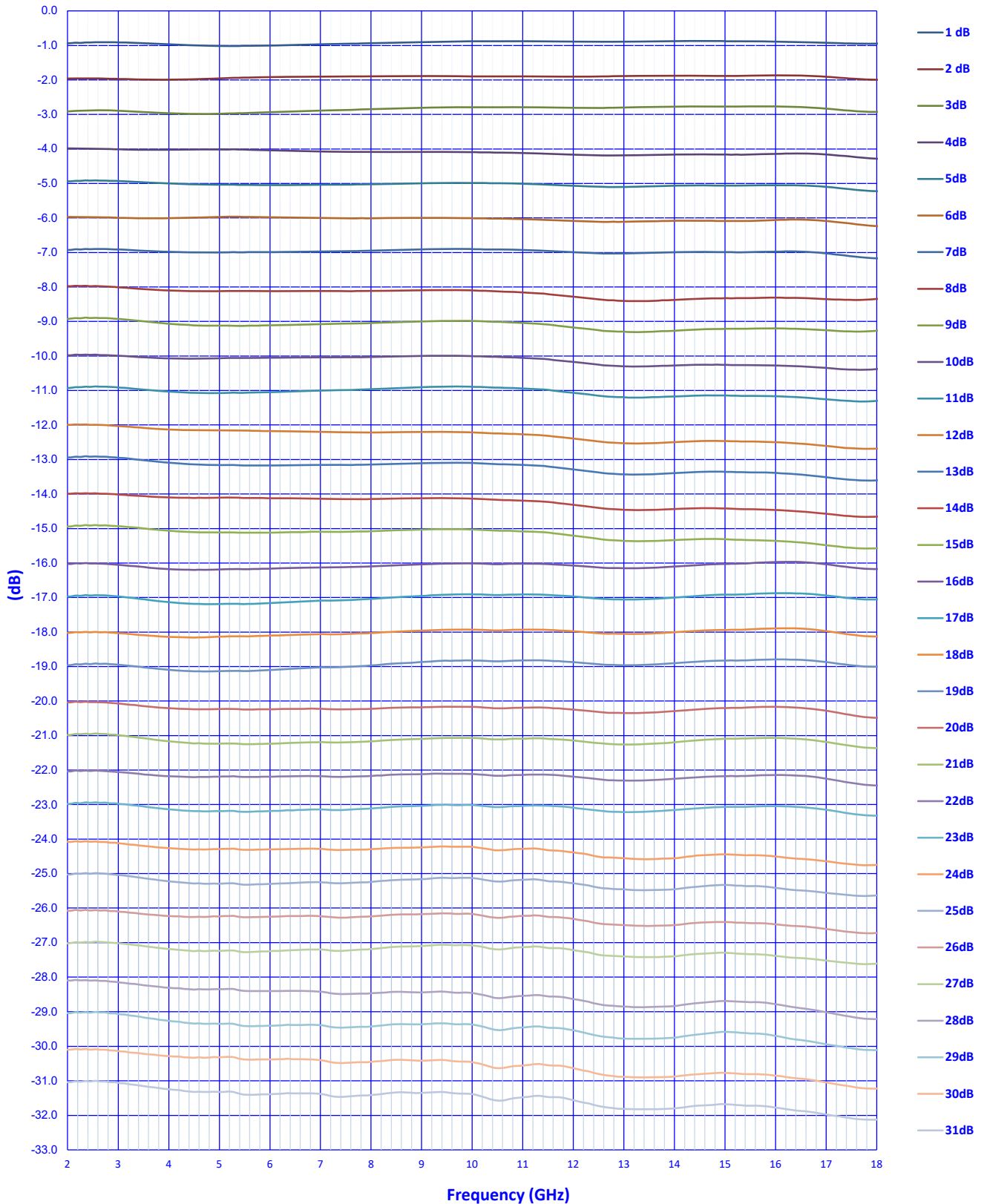
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Attenuation 1 to 31dB

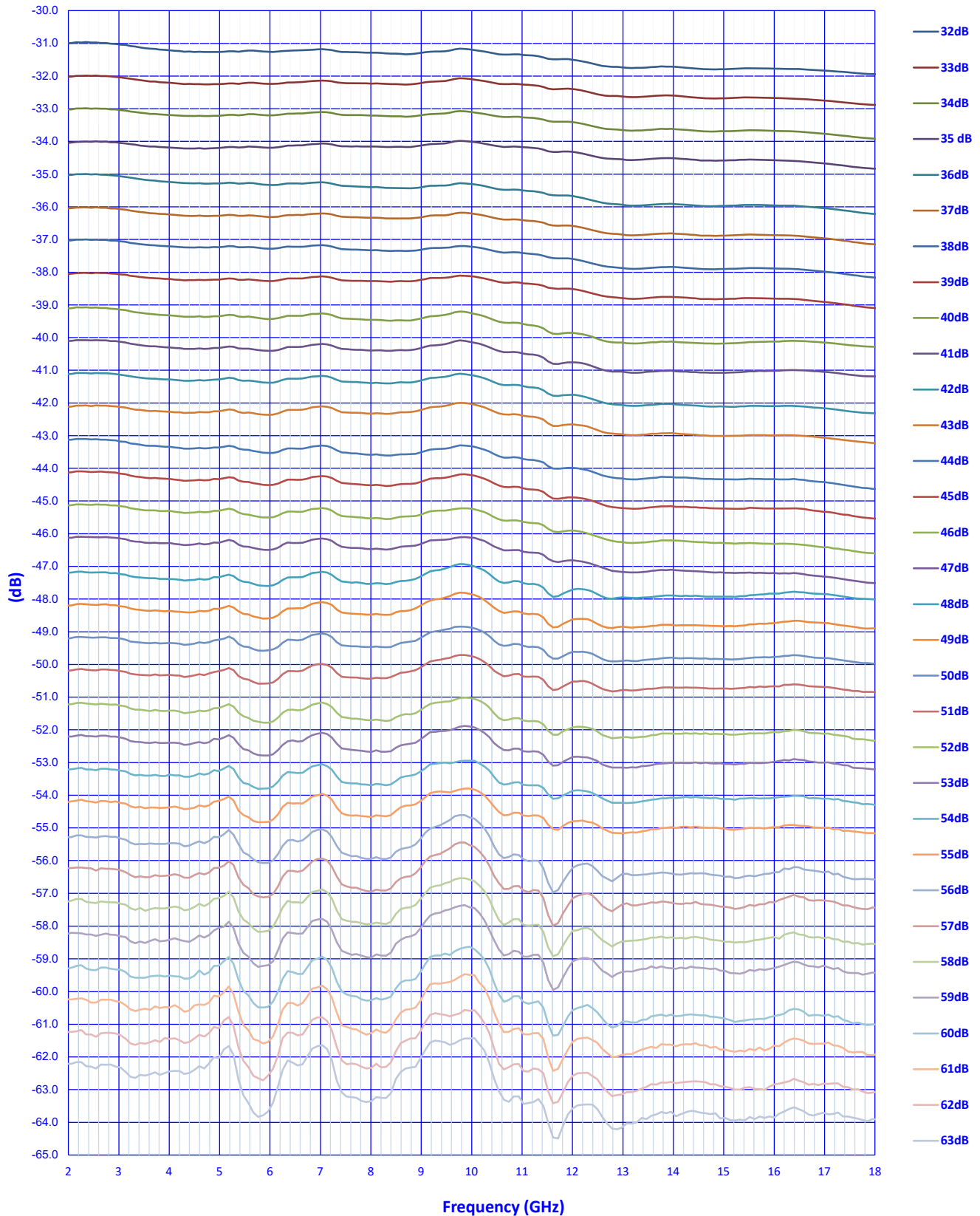




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Attenuation 32 to 63 dB





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On

SBA-218-63DB-6B-SFF

