

TEST DATA

Model Name	: HX460S		
Serial Number	: 0K001501		
Specification is Referenced	: RSS-119		
Type	: USA		
Emission Type	: 16K0F3E		
Channel Spacing	: 25		[kHz]
Description	: Portable		
Mode	: FM		
Test Voltage	Nominal	: 7.2	[V]
	Extrem	*.85 : 6.1	[V]
		*1.15 : 8.3	[V]
Temperature	Nominal	: 25	[°C]
	Extrem	: -30 - +60	[°C]
Test Frequency	1	TX : 156.0500	[MHz]
		RX : 156.0500	[MHz]
	2	TX : 156.7250	[MHz]
		RX : 156.7250	[MHz]
	3	TX : 157.4250	[MHz]
		RX : 157.4250	[MHz]
			[MHz]
			[MHz]
1st IF Frequency			
		RX : 21.7	[MHz]
2nd IF Frequency			
		RX : 450	[kHz]
Microphone Impedance		: 600	[Ω]
Speaker Impedance		: 4	[Ω]
Manufacturer	: YAESU MUSEN Co.,Ltd.		
Test Operator	: M.Kurihara		
Test Date	Start	: 2000/9/4	
	Finish	: 2000/9/5	

HX460S Channel Settings

CH No.	Shown on LCD	Transmit Frequency [MHz]	Receive Frequency [MHz]	CH Spacing	Power	
					High (default)	Low (press H/L)
1	01	156.05	156.05	25k	5W	1W
2	74	156.725	156.725	25k	5W	1W
3	88A	157.425	157.425	25k	5W	1W
4						
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7						
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13						
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15						
16						
17						
18						
19						
20						

Model Name	:HX460S	Emission Type	:16K0F3E
FCC ID	:K66HX460S	Channel Spacing	:25 [kHz]
Serial Number	:0K001501	Band Type	:USA

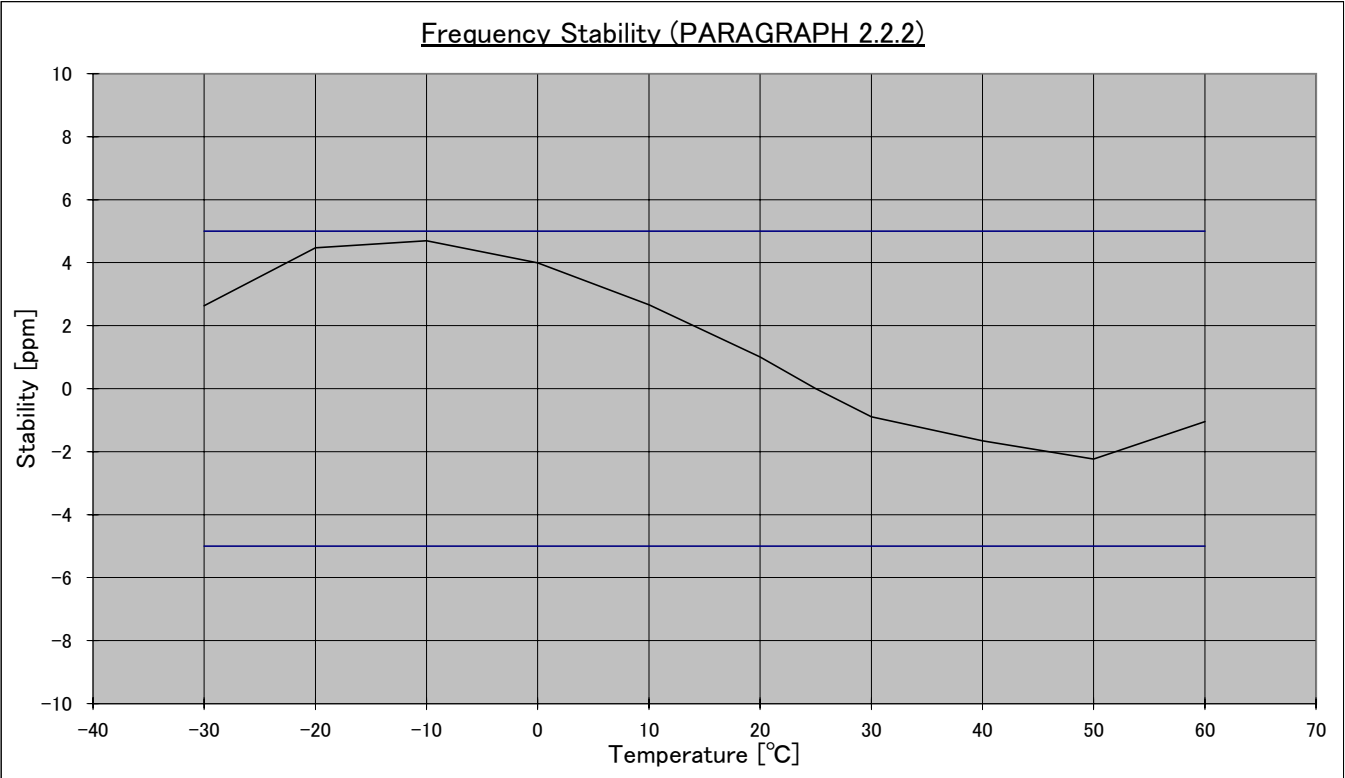
Carrier Power Output Rating (PARAGRAPH 2.2.1)

Carrier Frequency [MHz]	RF Power HIGH [W]	RF Power LOW 1 [W]	RF Power LOW 2 [W]	RF Power LOW 3 [W]
156.050	4.93	1.05	2.40	
156.725	4.90	1.05	2.40	
157.425	4.93	1.05	2.40	

Carrier Frequency Stability - Voltage Variation (PARAGRAPH 2.2.2)

STV [%]	Voltage [V]	Change in Frequency		
		[MHz]	[Hz]	[ppm]
100.00	7.20	156.72502	20.0	0.13
85.00	6.12	156.72502	20.0	0.13
115.00	8.28	156.72502	20.0	0.13

Carrier Frequency Stability - Temperature Variation (PARAGRAPH 2.2.2)



Model Name :HX460S
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Emission Type :16K0F3E
 Channel Spacing :25 [kHz]
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Conducted Spurious Emission (PARAGRAPH 2.2.13)

POWER: HIGH

	Carrier Freq							
	156.050 MHz		156.725 MHz		157.425 MHz		MHz	
	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]
2nd	312.10	-73.80	313.45	-73.80	314.85	-74.80		
3rd	468.15	-89.20	470.18	-90.50	472.28	-90.30		
4th	624.20	-86.50	626.90	-89.60	629.70	-90.00		
5th	780.25	-	783.63	-	787.13	-		
6th	936.30	-	940.35	-92.00	944.55	-		
7th	1092.35	-75.00	1097.08	-74.20	1101.98	-73.70		
8th	1248.40	-84.70	1253.80	-87.00	1259.40	-88.10		
9th	1404.45	-	1410.53	-	1416.83	-		
10th	1560.50	-	1567.25	-	1574.25	-		

POWER: L1

	Carrier Freq							
	156.050 MHz		156.725 MHz		157.425 MHz		MHz	
	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]
2nd	312.10	-71.00	313.45	-71.80	314.85	-73.10		
3rd	468.15	-	470.18	-69.25	472.28	-		
4th	624.20	-	626.90	-	629.70	-		
5th	780.25	-	783.63	-	787.13	-		
6th	936.30	-	940.35	-	944.55	-		
7th	1092.35	-83.20	1097.08	-83.30	1101.98	-79.50		
8th	1248.40	-	1253.80	-	1259.40	-		
9th	1404.45	-	1410.53	-	1416.83	-		
10th	1560.50	-	1567.25	-	1574.25	-		

Field Strength of Spurious Radiation (PARAGRAPH 2.2.12)

POWER: HIGH

	Carrier Freq							
	156.050 MHz		156.725 MHz		157.425 MHz		MHz	
	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]
2nd	312.10	-	313.45	-	314.85	-		
3rd	468.15	-	470.18	-	472.28	-		
4th	624.20	-	626.90	-	629.70	-		
5th	780.25	-	783.63	-	787.13	-		
6th	936.30	-	940.35	-	944.55	-		
7th	1092.35	-	1097.08	-	1101.98	-		
8th	1248.40	-	1253.80	-	1259.40	-		
9th	1404.45	-	1410.53	-	1416.83	-		
10th	1560.50	-	1567.25	-	1574.25	-		

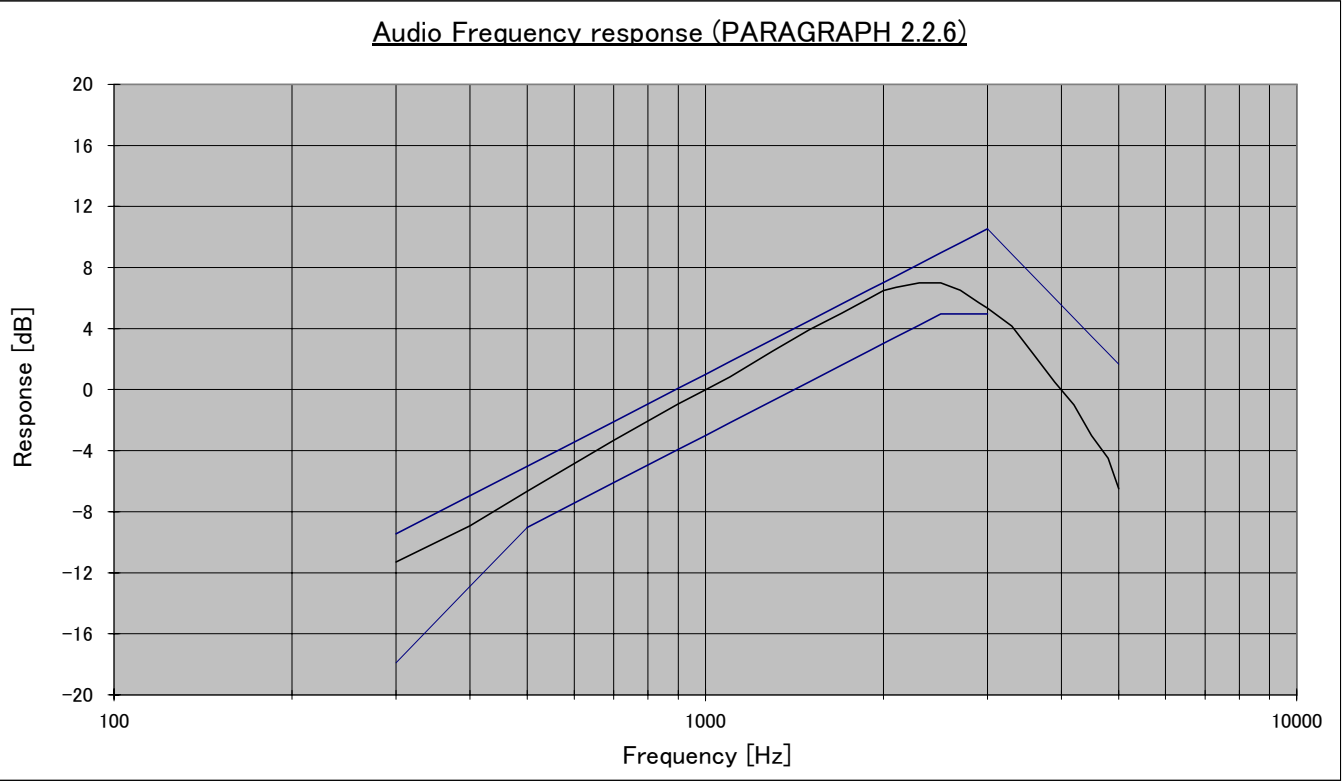
POWER: L1

	Carrier Freq							
	156.050 MHz		156.725 MHz		157.425 MHz		MHz	
	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]	Emission Frequency [MHz]	Spurious Attenuation [dB]
2nd	312.10	-	313.45	-	314.85	-		
3rd	468.15	-	470.18	-	472.28	-		
4th	624.20	-	626.90	-	629.70	-		
5th	780.25	-	783.63	-	787.13	-		
6th	936.30	-	940.35	-	944.55	-		
7th	1092.35	-	1097.08	-	1101.98	-		
8th	1248.40	-	1253.80	-	1259.40	-		
9th	1404.45	-	1410.53	-	1416.83	-		
10th	1560.50	-	1567.25	-	1574.25	-		

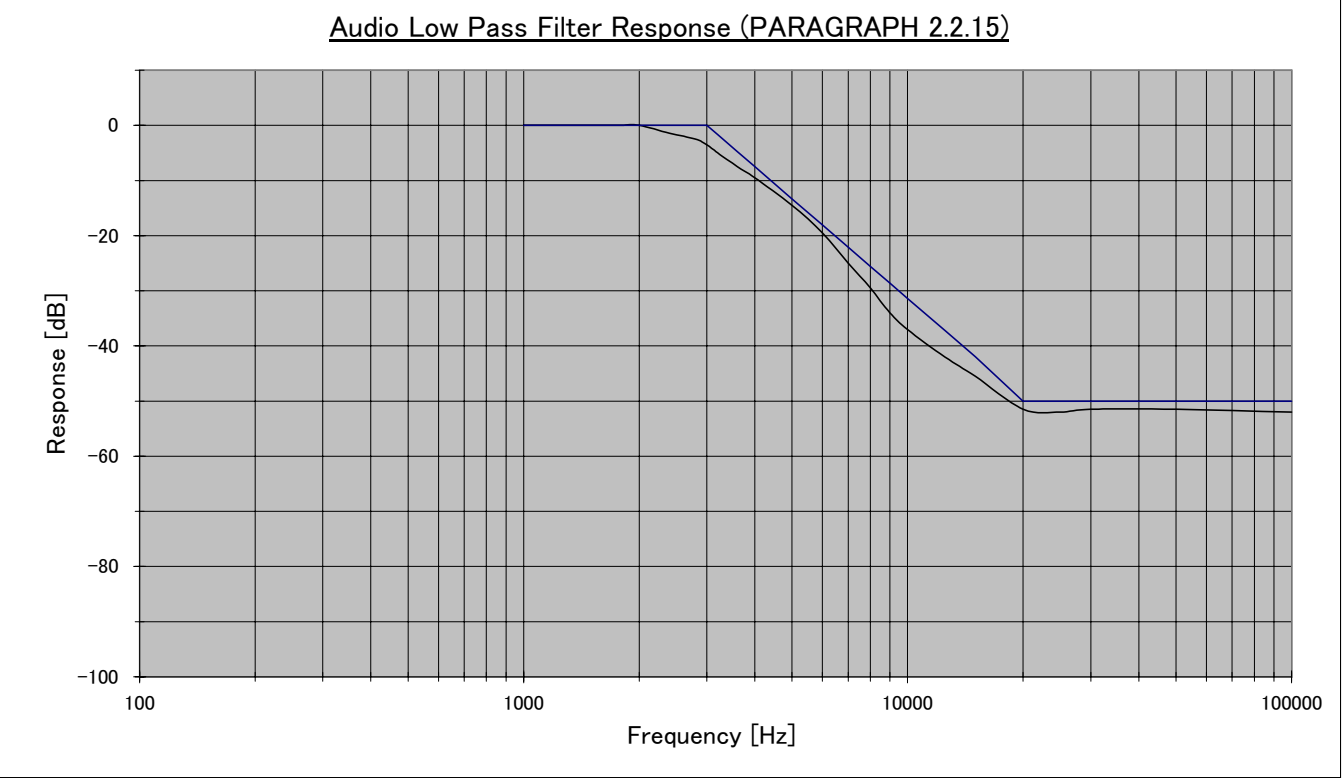
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Serial Number	:0K001501

Emission Type	:16K0F3E
Channel Spacing	:25 [kHz]
Band Type	:USA

Audio Frequency Response (PARAGRAPH 2.2.6)



Audio Low Pass Filter Response (PARAGRAPH 2.2.15)



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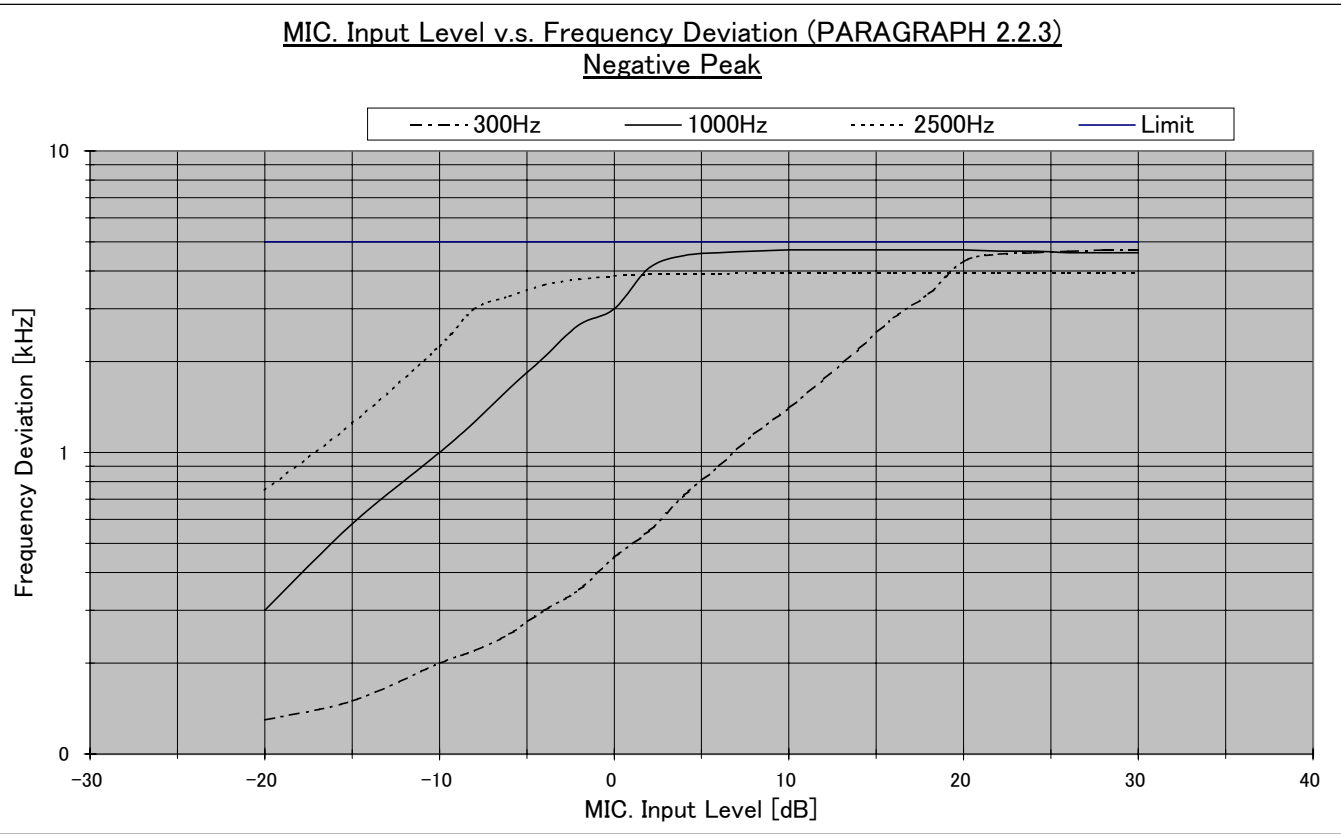
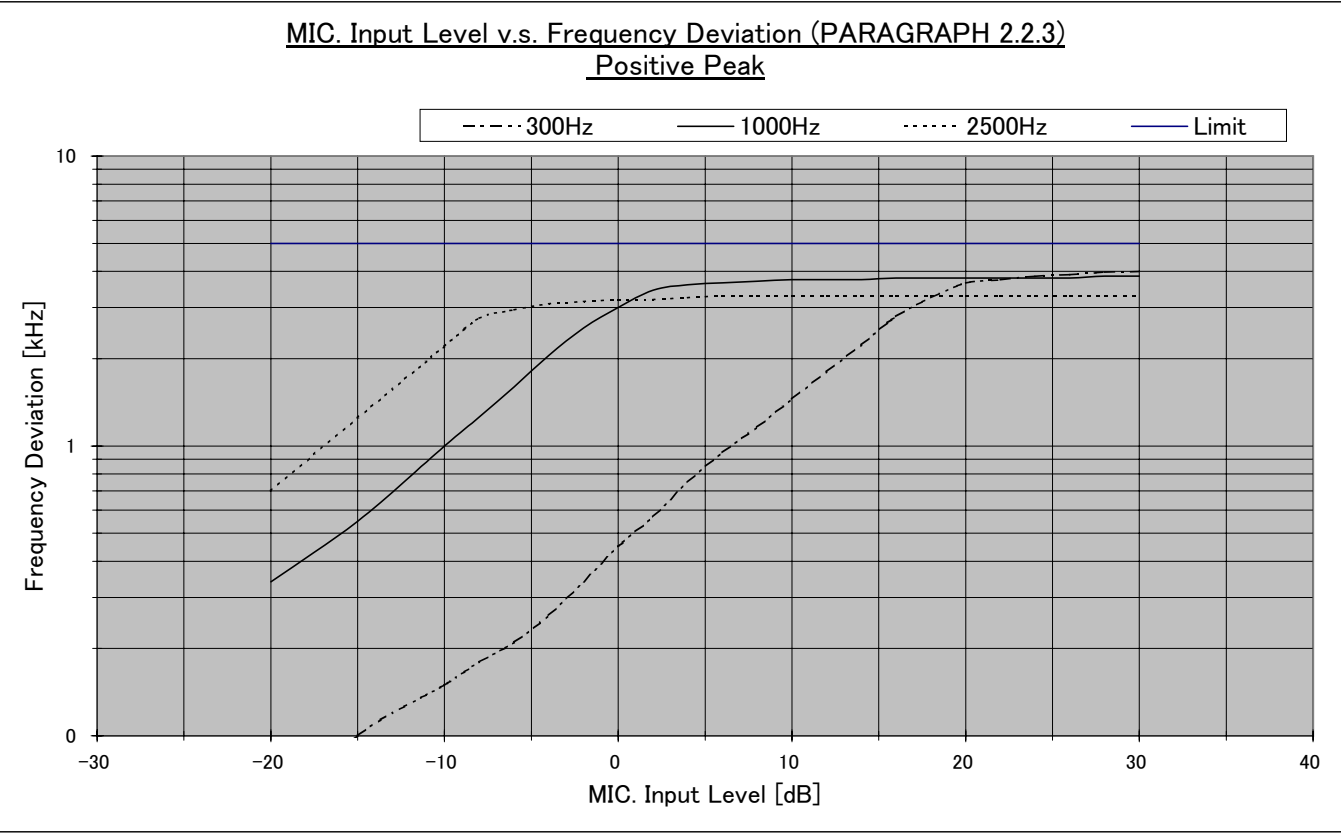
Emission Type	:16K0F3E
Channel Spacing	:25 [kHz]
Band Type	:USA

Modulation Limiting (PARAGRAPH 2.2.3)

0 dB =

11.2 [mV]

25kHz Sep.



[illegible]

