



LAND



SEA



AIR

AV600-RH-A45

MIL STD 461 Report



Measurement Procedures and Standards Used :

Test result is compliance with MIL-STD-461G

Applicable Standards			
Standard	Special	Location of Test	Test Result
MIL-STD-461G(CE102)	Frequency Range: 0.5MHz - 10 MHz	IETC LAB	PASS
MIL-STD-461G(CE102)	Frequency Range: 10 KHz – 150 KHz	IETC LAB	PASS
MIL-STD-461G(CE102)	Frequency Range: 150 KHz – 500 KHz	IETC LAB	PASS
MIL-STD-461G (RE102)	Frequency Range: 30 MHz - 200 MHz	IETC LAB	PASS
MIL-STD-461G (RE102)	Frequency Range: 200 MHz – 1 GHz	IETC LAB	PASS
MIL-STD-461G (RE102)	Frequency Range: 1 GHz – 3 GHz	IETC LAB	PASS
MIL-STD-461G (RE102)	Frequency Range: 3 GHz - 5 GHz	IETC LAB	PASS



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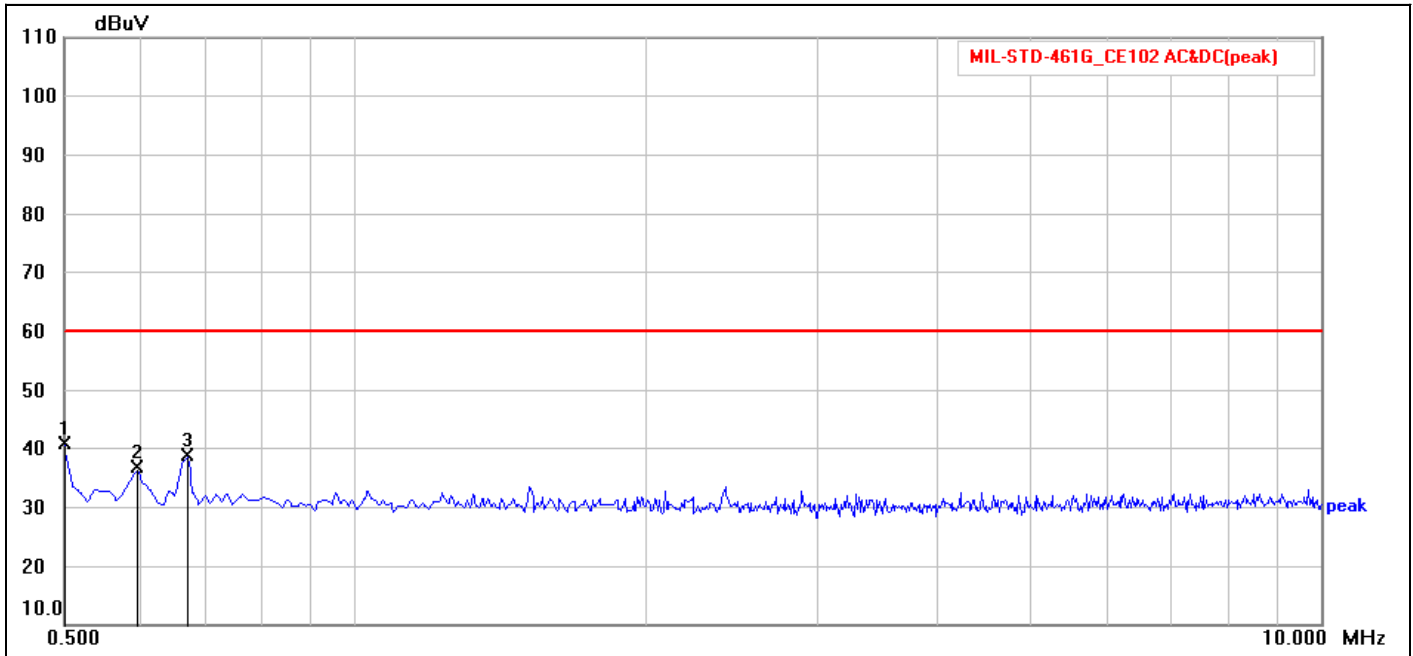
宇海科技股份有限公司
Interocean EMC Technology Corp.

新北市林口區頂福里 1 鄰 5-2 號
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Tel: +886-2-2600-6861
Fax: +886-2-2600-6859

Job No.:	Pretest	Polarization:	L1
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:39:44
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

Range1 :0.5--10(MHz) / RBW:10(kHz) / VBW:30(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.500	20.91	19.79	40.70	60.00	-19.30	peak	P	
2	0.595	16.65	19.80	36.45	60.00	-23.55	peak	P	
3	0.671	18.84	19.80	38.64	60.00	-21.36	peak	P	



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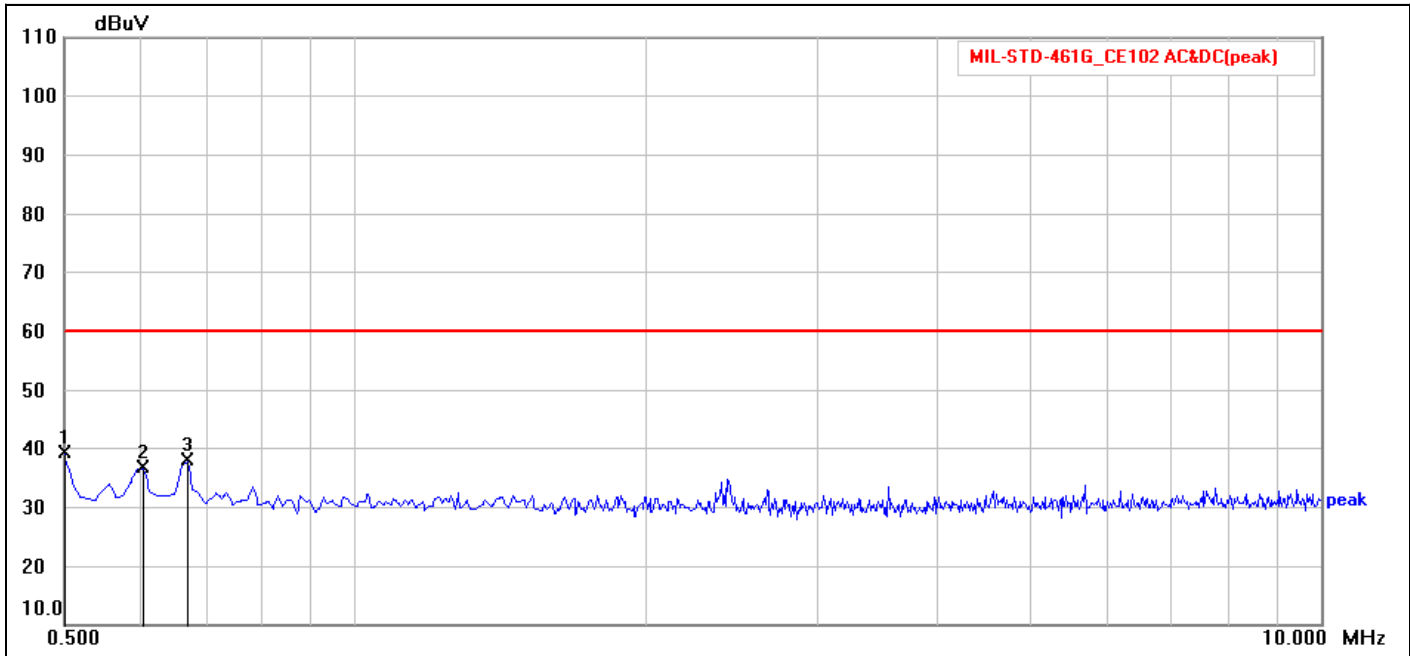
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Job No.:	Pretest	Polarization:	N
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:41:15
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

Range1 :0.5--10(MHz) / RBW:10(kHz) / VBW:30(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.500	19.24	19.81	39.05	60.00	-20.95	peak	P	
2	0.605	16.70	19.82	36.52	60.00	-23.48	peak	P	
3	0.671	17.92	19.82	37.74	60.00	-22.26	peak	P	



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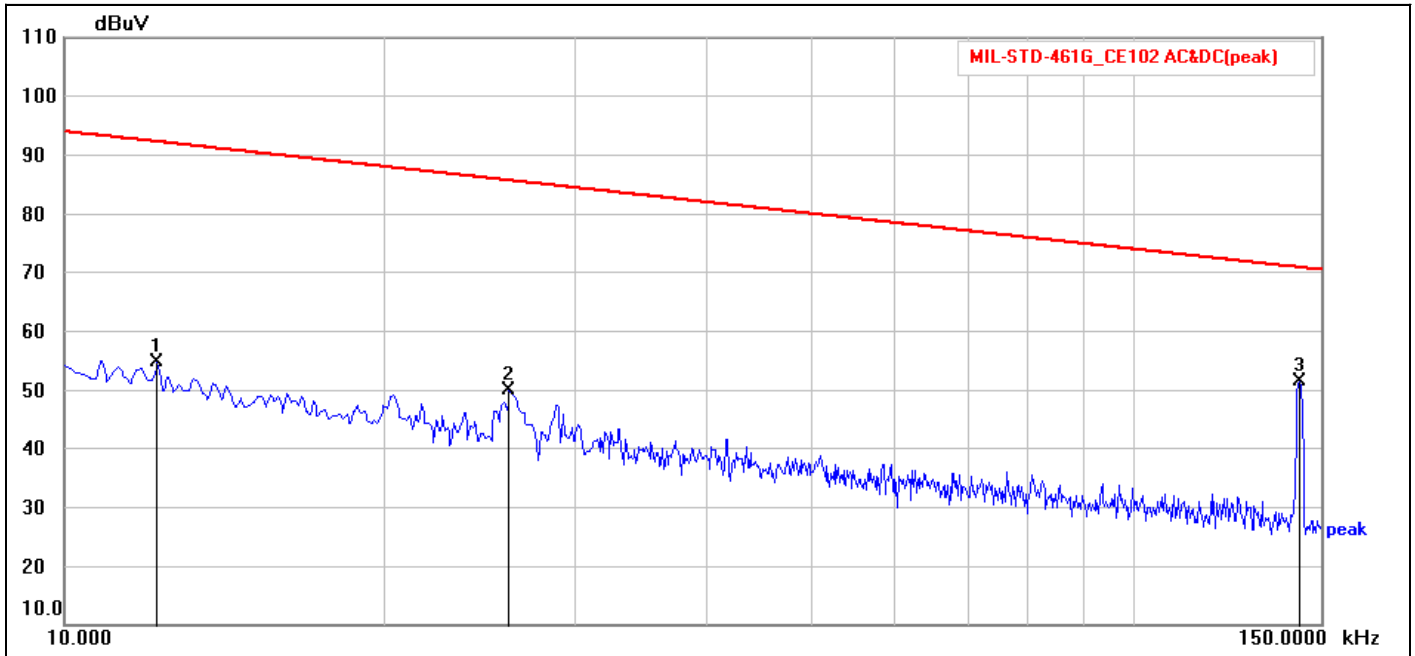
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Job No.:	Pretest	Polarization:	L1
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:35:04
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

Range1 :0.01--0.15(MHz) / RBW:1(kHz) / VBW:3(kHz)



No.	Frequency (kHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	12.240	29.86	24.77	54.63	92.24	-37.61	peak	P	
2	26.100	28.42	21.49	49.91	85.66	-35.75	peak	P	
3	143.420	31.63	19.86	51.49	70.85	-19.36	peak	P	



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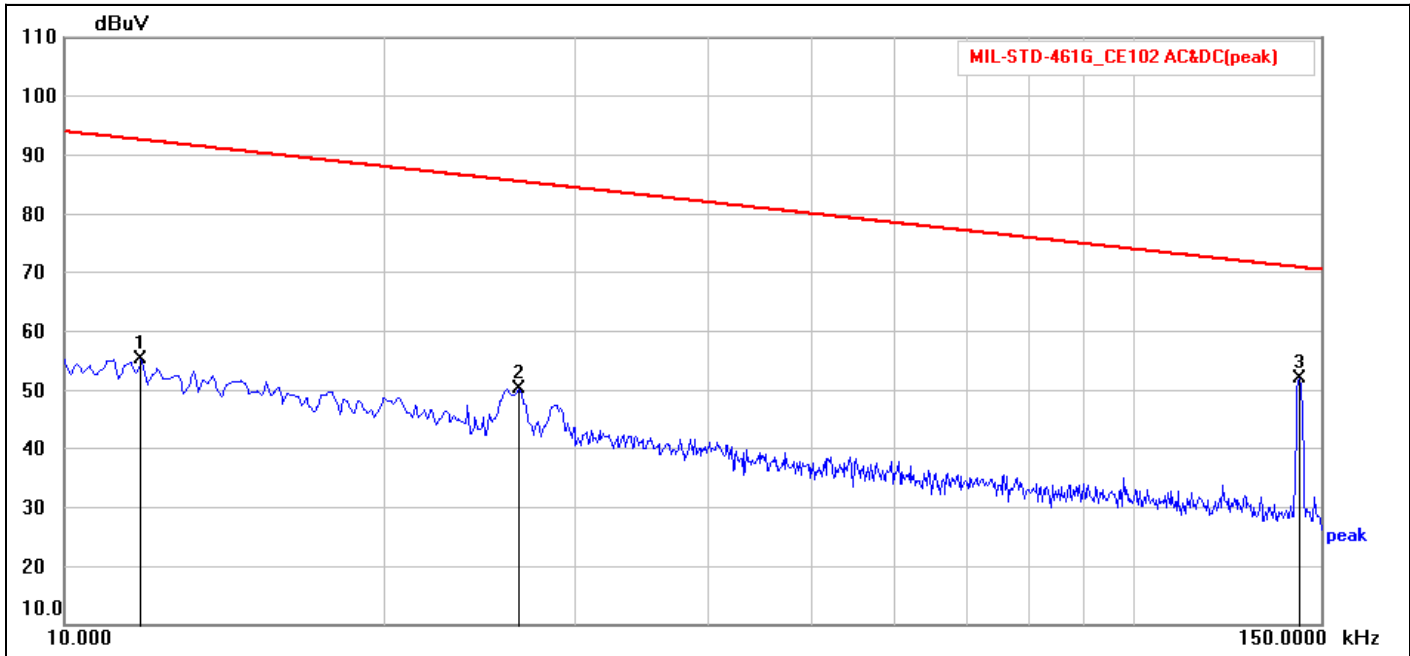
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Job No.:	Pretest	Polarization:	N
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:43:58
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

Range1 :0.01--0.15(MHz) / RBW:1(kHz) / VBW:3(kHz)



No.	Frequency (kHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	11.820	30.22	25.00	55.22	92.55	-37.33	peak	P	
2	26.660	28.82	21.46	50.28	85.48	-35.20	peak	P	
3	143.280	32.10	19.87	51.97	70.86	-18.89	peak	P	



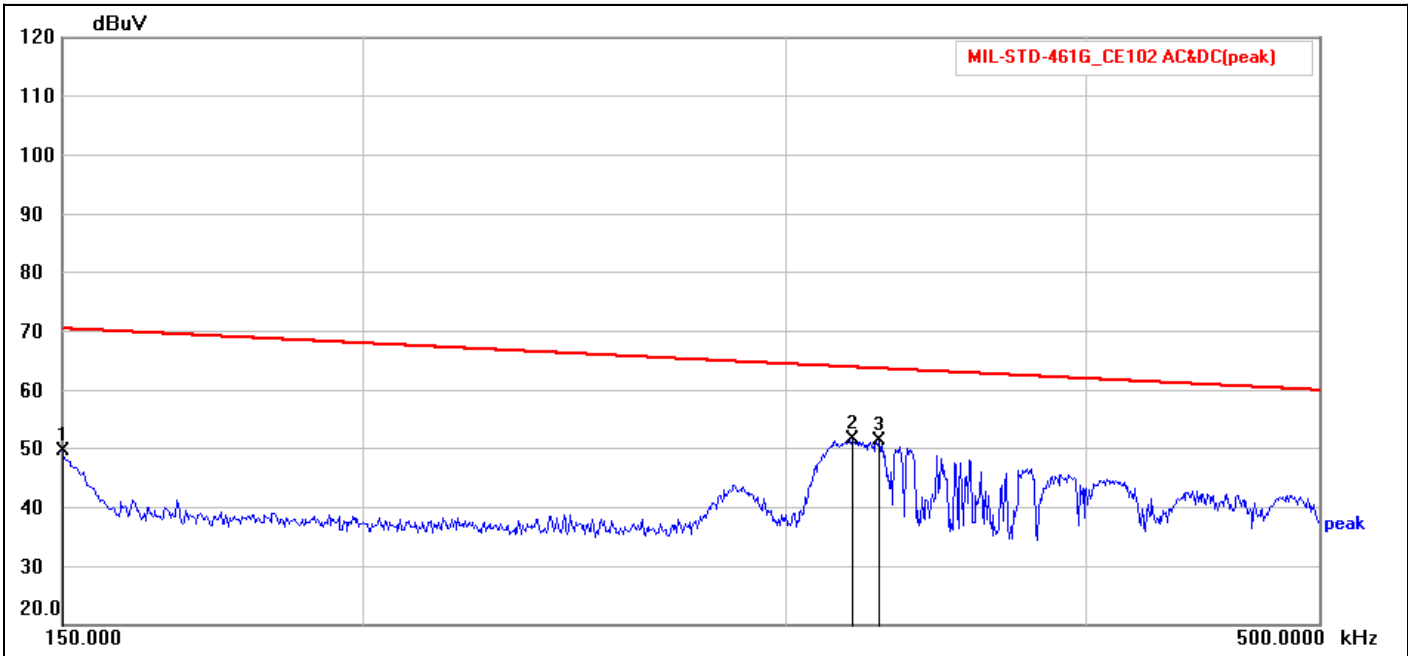
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Job No.:	Pretest	Polarization:	L1
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:37:56
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

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No.	Frequency (kHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	150.000	29.82	19.83	49.65	70.46	-20.81	peak	P	
2	320.100	31.80	19.82	51.62	63.88	-12.26	peak	P	
3	328.150	31.42	19.82	51.24	63.66	-12.42	peak	P	



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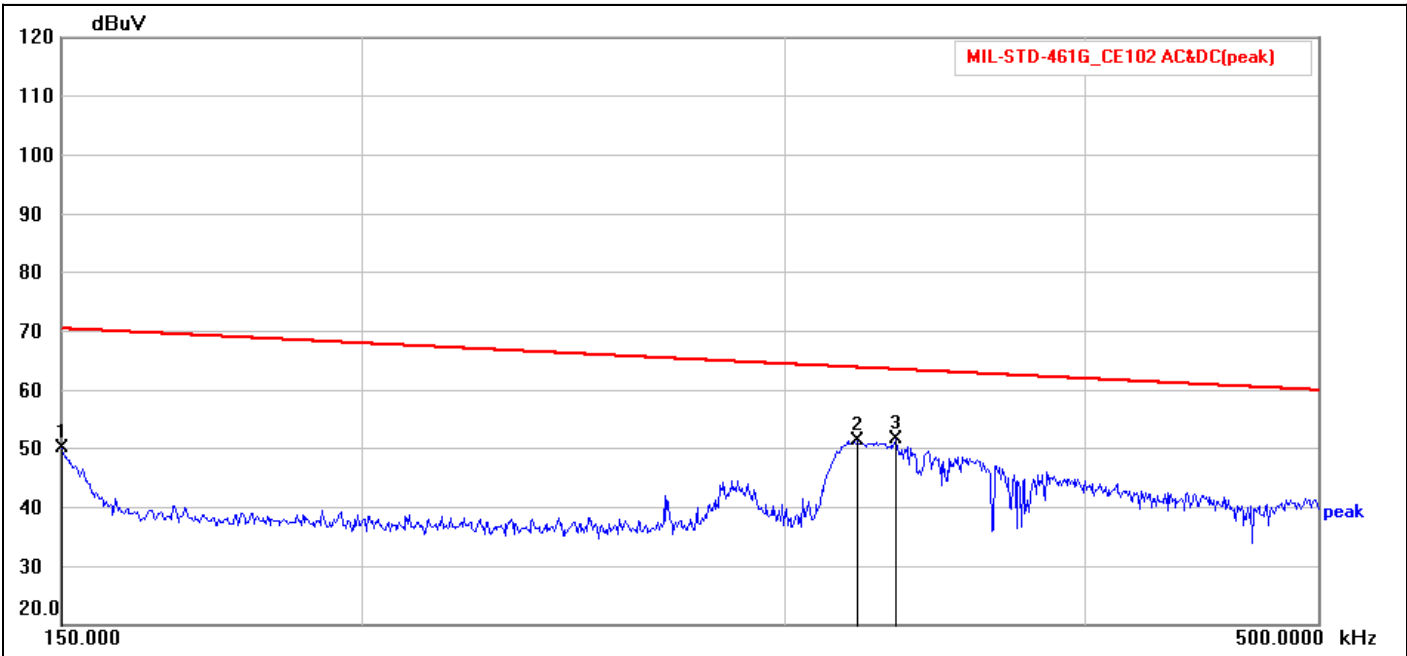
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Job No.:	Pretest	Polarization:	N
Standard:	MIL-STD-461G_CE102 AC&DC	Power Source:	DC24V
Test item:	Conduction Test	Date:	2024/11/6
Company:	百威	Time:	13:42:36
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:			
Note:			

Range1 :0.15--0.5(MHz) / RBW:10(kHz) / VBW:30(kHz)	
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No.	Frequency (kHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	150.000	30.21	19.84	50.05	70.46	-20.41	peak	P	
2	321.850	31.54	19.84	51.38	63.83	-12.45	peak	P	
3	333.750	31.79	19.84	51.63	63.51	-11.88	peak	P	



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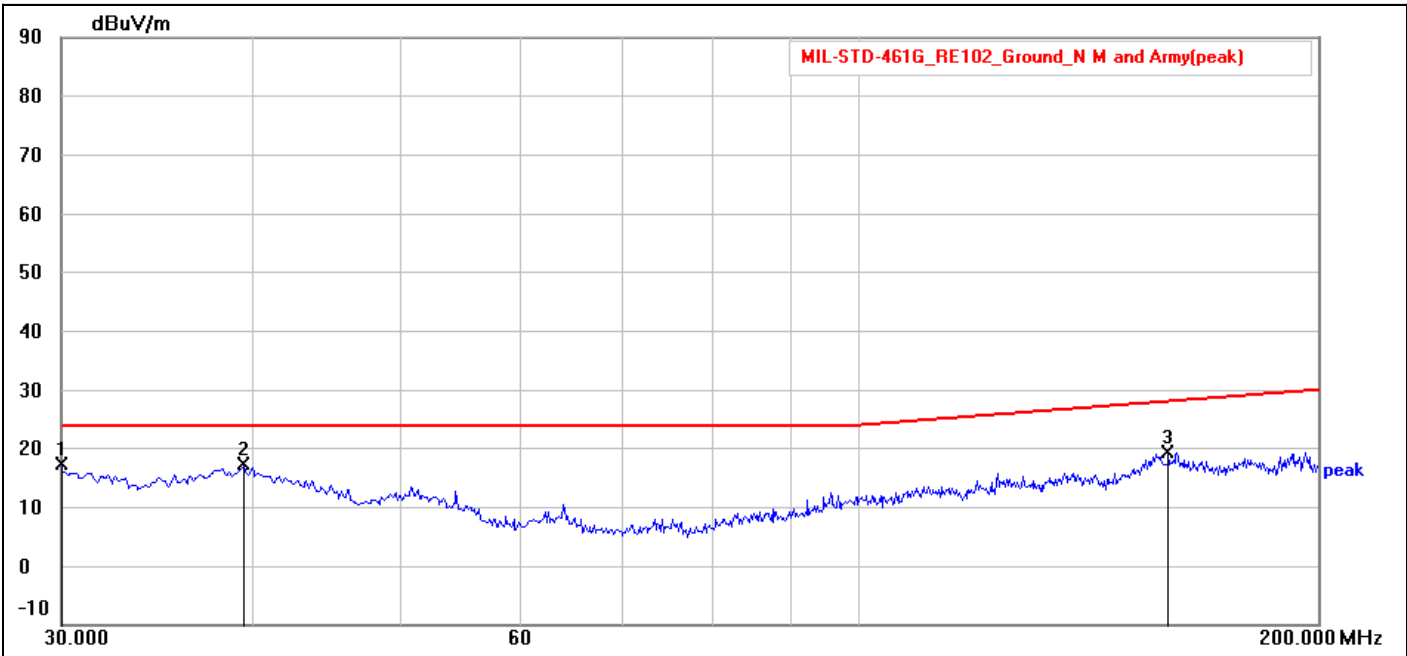
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Job No.:	Pretest	Polarization:	Horizontal
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	13:53:06
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:			

Range1 :30--200(MHz) / RBW:100(kHz) / VBW:300(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	30.000	31.17	-14.14	17.03	24.00	-6.97	peak	P	
2	39.520	32.82	-15.86	16.96	24.00	-7.04	peak	P	
3	159.880	34.66	-15.46	19.20	28.07	-8.87	peak	P	



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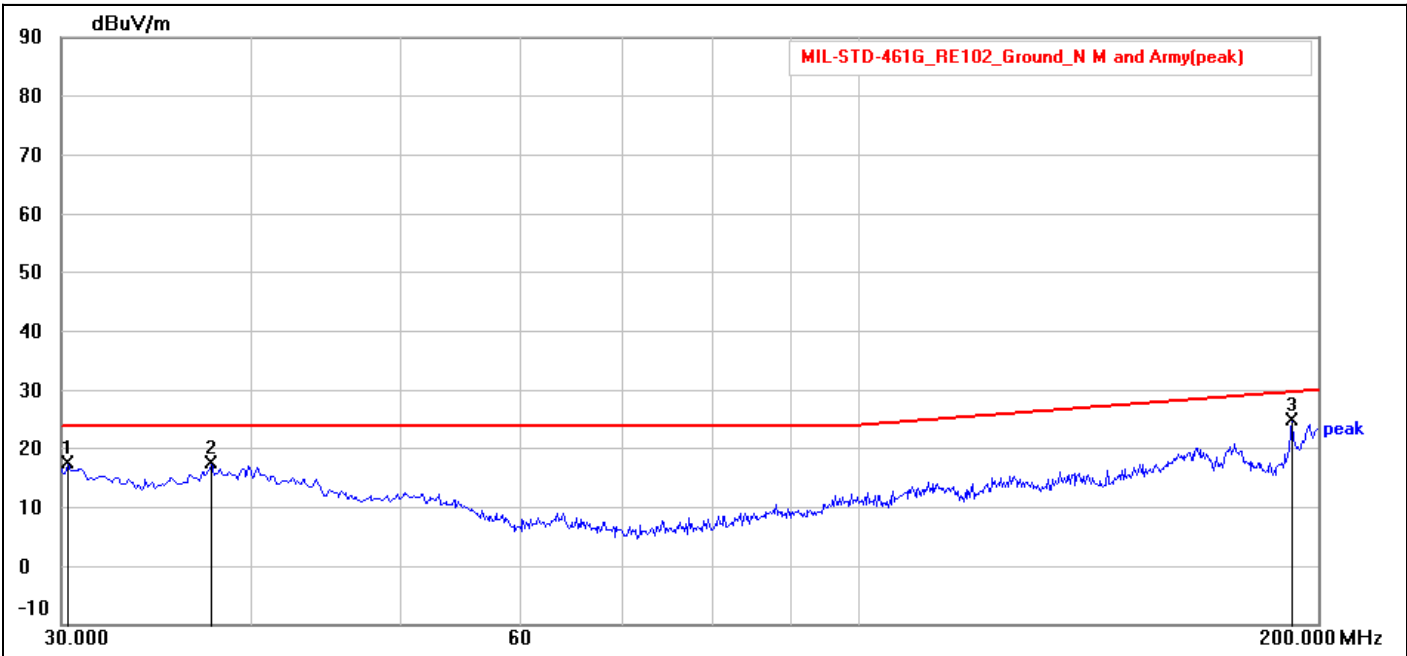
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Job No.:	Pretest	Polarization:	Vertical
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	13:51:17
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:			

Range1 :30--200(MHz) / RBW:100(kHz) / VBW:300(kHz)
--



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	30.340	31.53	-14.29	17.24	24.00	-6.76	peak	P	
2	37.650	32.53	-15.28	17.25	24.00	-6.75	peak	P	
3	192.350	39.05	-14.39	24.66	29.67	-5.01	peak	P	



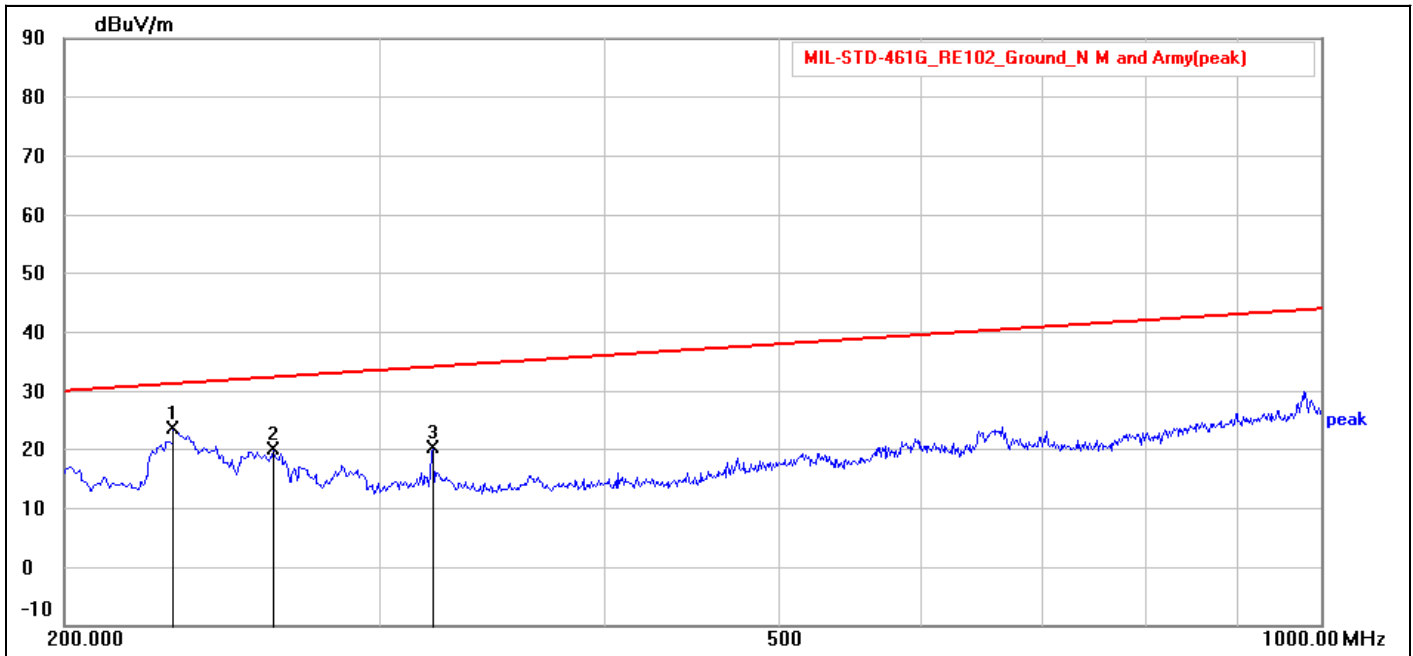
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Job No.:	Pretest	Polarization:	Horizontal
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	14:25:25
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:	3CORE PLUS		

Range1 :200--1000(MHz) / RBW:100(kHz) / VBW:300(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	230.400	43.06	-19.68	23.38	31.23	-7.85	peak	P	
2	261.600	40.55	-20.58	19.97	32.33	-12.36	peak	P	
3	320.800	39.92	-19.72	20.20	34.10	-13.90	peak	P	



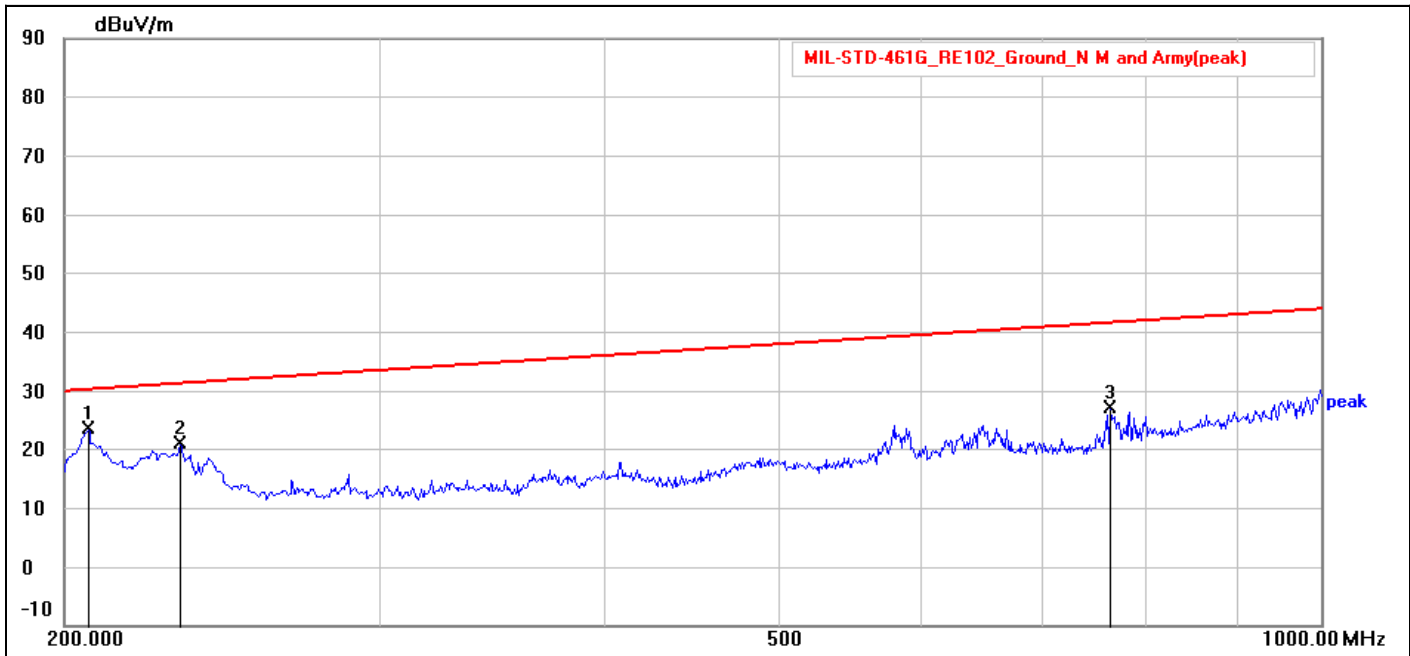
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Job No.:	Pretest	Polarization:	Vertical
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	16:47:48
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:			

Range1 :200--1000(MHz) / RBW:100(kHz) / VBW:300(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	206.400	41.53	-18.05	23.48	30.28	-6.80	peak	P	
2	232.000	40.64	-19.72	20.92	31.29	-10.37	peak	P	
3	763.200	37.66	-10.72	26.94	41.61	-14.67	peak	P	



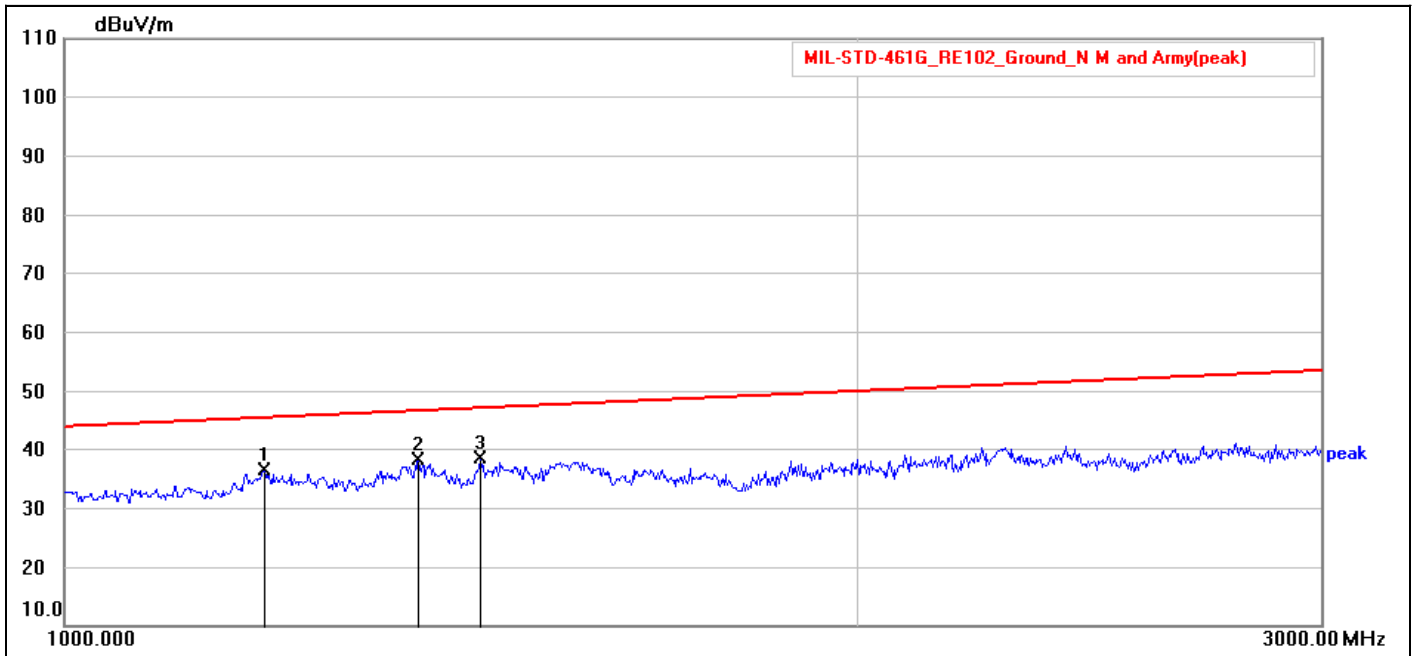
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Job No.:	Pretest	Polarization:	Horizontal
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	17:22:37
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:	4CORE , 内部加 CORE , NO FAN		

Range1 : 1000--3000(MHz) / RBW:1000(kHz) / VBW:3000(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1189.557	60.83	-24.61	36.22	45.45	-9.23	peak	P	
2	1361.668	61.88	-23.84	38.04	46.63	-8.59	peak	P	
3	1438.000	62.18	-23.85	38.33	47.10	-8.77	peak	P	



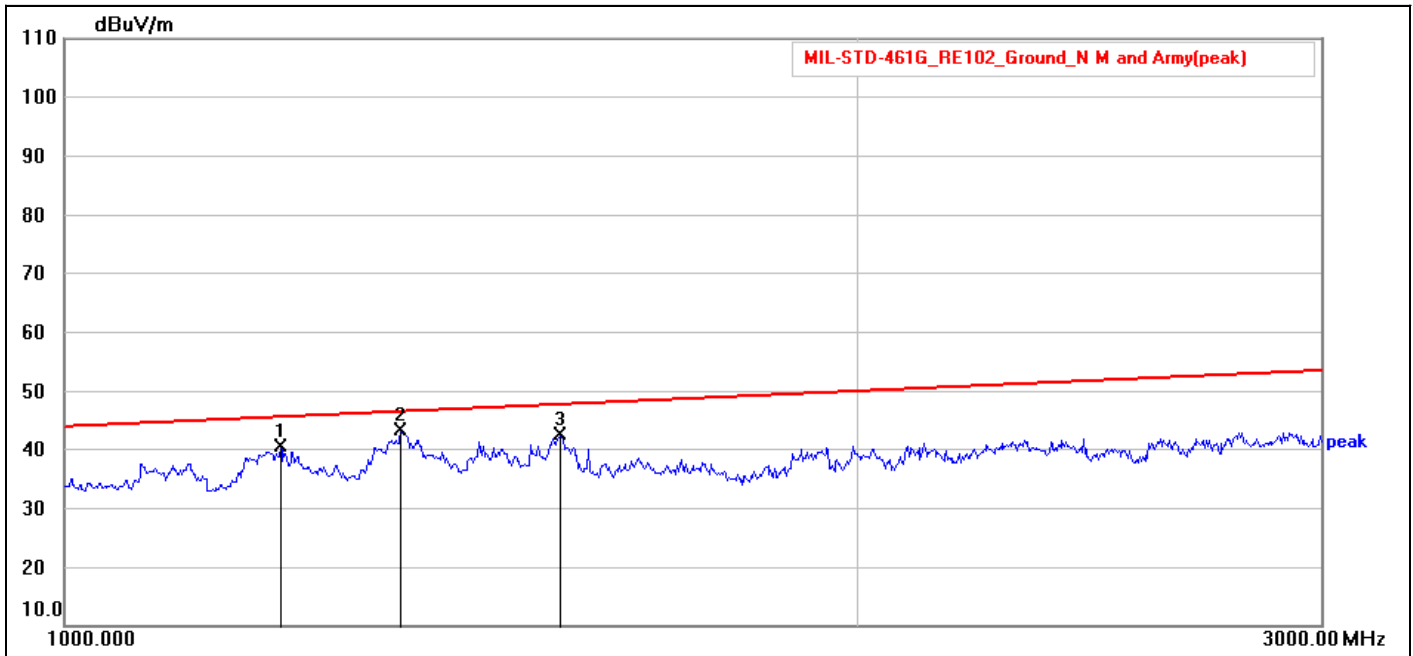
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Job No.:	Pretest	Polarization:	Vertical
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	17:19:47
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:	4CORE , 内部加 CORE , NO FAN		

Range1 : 1000--3000(MHz) / RBW:1000(kHz) / VBW:3000(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	1207.994	64.75	-24.41	40.34	45.59	-5.25	peak	P	
2	1342.000	66.87	-23.84	43.03	46.50	-3.47	peak	P	
3	1542.000	66.31	-23.90	42.41	47.70	-5.29	peak	P	



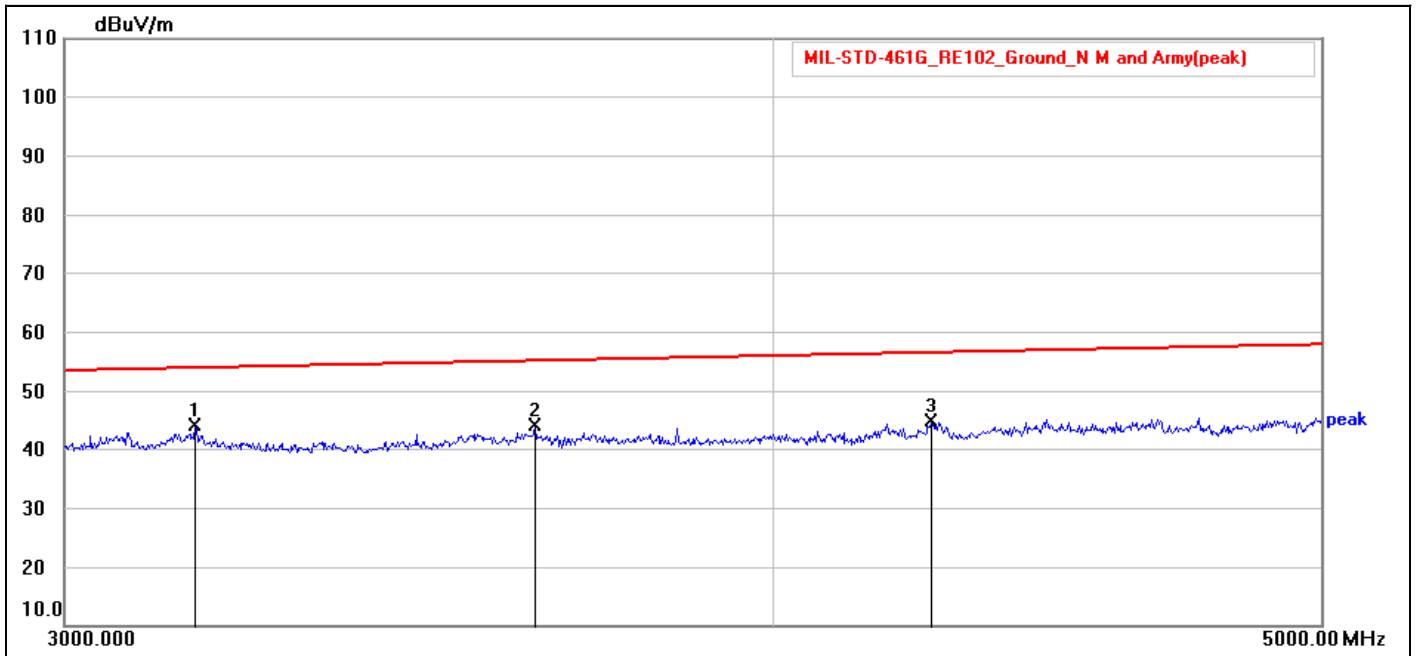
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Job No.:	Pretest	Polarization:	Horizontal
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	14:40:59
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:	3CORE PLUS		

Range1 :3000--5000(MHz) / RBW:1000(kHz) / VBW:3000(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	3163.687	61.38	-17.44	43.94	53.93	-9.99	peak	P	
2	3632.000	60.67	-16.89	43.78	55.13	-11.35	peak	P	
3	4266.000	60.29	-15.60	44.69	56.52	-11.83	peak	P	



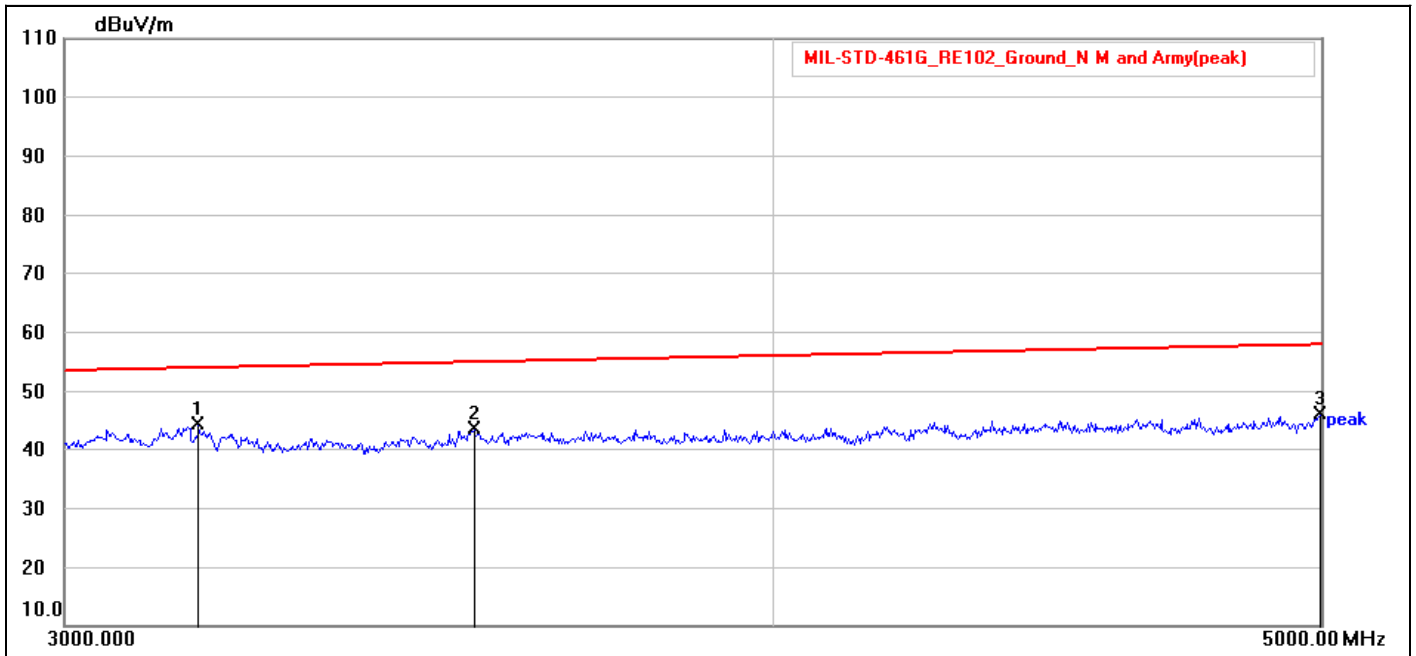
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Job No.:	Pretest	Polarization:	Vertical
Standard:	MIL-STD-461G_RE102_Ground_N M and Army	Power Source:	DC24V
Test item:	Radiation Test	Date:	2024/11/6
Company:	百威	Time:	14:36:20
EUT Name:		Temp.(°C)/Hum.(%):	23.3(°C)/36%
EUT Model:	AV600-RH-A45	Engineer Signature:	Vic Xue
Distance:	1m		
Note:	3CORE PLUS		

Range1 :3000--5000(MHz) / RBW:1000(kHz) / VBW:3000(kHz)



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	3168.000	61.54	-17.42	44.12	53.94	-9.82	peak	P	
2	3542.000	60.18	-16.89	43.29	54.91	-11.62	peak	P	
3	4996.000	59.36	-13.38	45.98	57.89	-11.91	peak	P	