

CONDUCTED TRANSMITTER OUTPUT POWER*Test Mode: Transmitting*

Antenna	Mode	Channel	Frequency (MHz)	Max Conducted Average Output Power (dBm)	Limit (dBm)
Antenna 1	SRD (BW: 1.25 MHz)	Low	5180	14.29	30
		Middle	5210	14.97	30
		High	5240	14.58	30
	SRD (BW: 10 MHz)	Low	5180	12.39	30
		Middle	5210	11.72	30
		High	5240	11.82	30
Antenna 2	SRD (BW: 1.25 MHz)	Low	5180	13.84	30
		Middle	5210	14.29	30
		High	5240	14.08	30
	SRD (BW: 10 MHz)	Low	5180	12.74	30
		Middle	5210	12.80	30
		High	5240	12.65	30
Antenna 1+Antenna 2	SRD (BW: 1.25 MHz)	Low	5180	17.08	30
		Middle	5210	17.65	30
		High	5240	17.35	30
	SRD (BW: 10 MHz)	Low	5180	15.58	30
		Middle	5210	15.30	30
		High	5240	15.27	30

Note:

1. The EUT is an outdoor access point and the maximum antenna gain is 3.27dBi, the EIRP less than 21dBm
2. $\text{Antenna 1+Antenna 2} = 10 \cdot \text{LOG} (10^{\text{Antenna 1/10}} + 10^{\text{Antenna 2/10}})$
3. All transmit signals are completely uncorrelated with each other, Directional gain = G_{ANT}

Antenna	Mode	Channel	Frequency (MHz)	Max Conducted Average Output Power (dBm)	Limit (dBm)
Antenna 1	SRD (BW: 1.25 MHz)	Low	5735	18.34	30
		Middle	5775	17.43	30
		High	5805	20.11	30
	SRD (BW: 10 MHz)	Low	5735	20.39	30
		Middle	5775	22.43	30
		High	5805	22.64	30
Antenna 2	SRD (BW: 1.25 MHz)	Low	5735	20.00	30
		Middle	5775	17.54	30
		High	5805	19.83	30
	SRD (BW: 10 MHz)	Low	5735	22.15	30
		Middle	5775	21.99	30
		High	5805	22.15	30
Antenna 1+Antenna 2	SRD (BW: 1.25 MHz)	Low	5735	22.26	30
		Middle	5775	20.50	30
		High	5805	22.98	30
	SRD (BW: 10 MHz)	Low	5735	24.37	30
		Middle	5775	25.23	30
		High	5805	25.41	30

Note:

1. Antenna 1+Antenna 2 = $10 \cdot \log(10^{\text{Antenna 1}/10} + 10^{\text{Antenna 2}/10})$
2. All transmit signals are completely uncorrelated with each other, Directional gain = G_{ANT}

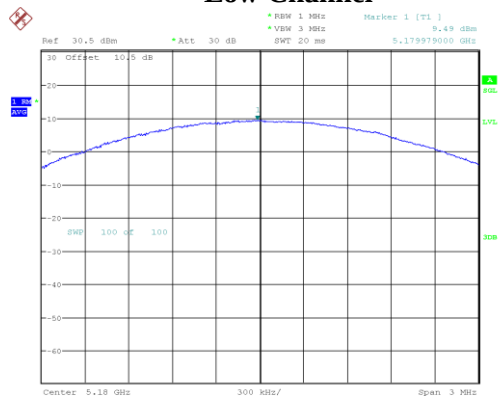
POWER SPECTRAL DENSITY*Test Mode: Transmitting*

Antenna	Mode	Channel	Frequency (MHz)	Result (dBm/MHz)	Duty Cycle Factor (dB)	Result (dBm/MHz)	Limit (dBm/MHz)
Antenna 1	SRD (1.25M)	Low	5180	9.49	3.22	12.71	17
		Middle	5210	10.33	3.25	13.58	17
		High	5240	9.95	3.25	13.2	17
	SRD (10M)	Low	5180	4.24	3.17	7.41	17
		Middle	5210	3.73	3.24	6.97	17
		High	5240	3.47	3.23	6.7	17
Antenna 2	SRD (1.25M)	Low	5180	9.42	3.21	12.63	17
		Middle	5210	9.95	3.21	13.16	17
		High	5240	9.79	3.2	12.99	17
	SRD (10M)	Low	5180	5.01	3.2	8.21	17
		Middle	5210	5.97	3.25	9.22	17
		High	5240	4.82	3.18	8	17
Antenna 1 + Antenna 2	SRD (1.25M)	Low	5180	/	/	15.68	17
		Middle	5210	/	/	16.39	17
		High	5240	/	/	16.11	17
	SRD (10M)	Low	5180	/	/	10.84	17
		Middle	5210	/	/	11.25	17
		High	5240	/	/	10.41	17

Note:

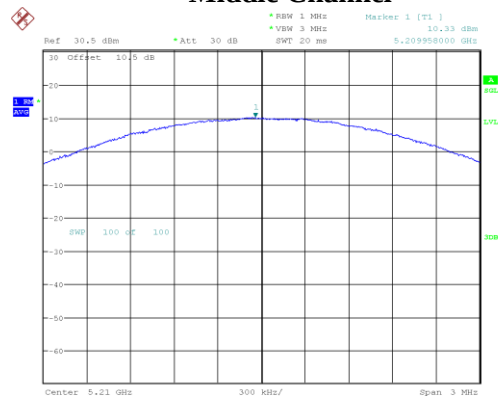
1. Antenna 1+Antenna 2 = $10 \cdot \text{LOG} (10^{\text{Antenna 1}/10} + 10^{\text{Antenna 2}/10})$
2. All transmit signals are completely uncorrelated with each other, Directional gain = G_{ANT}

Antenna 1 BW: 1.25 MHz
Low Channel



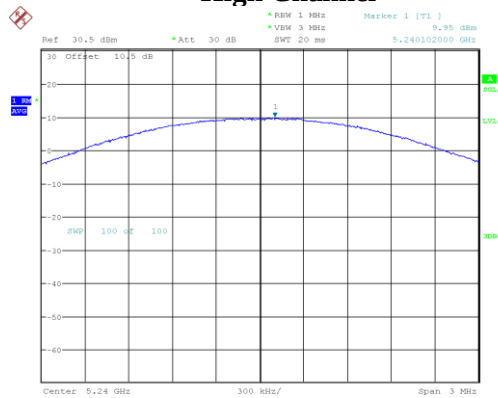
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Middle Channel



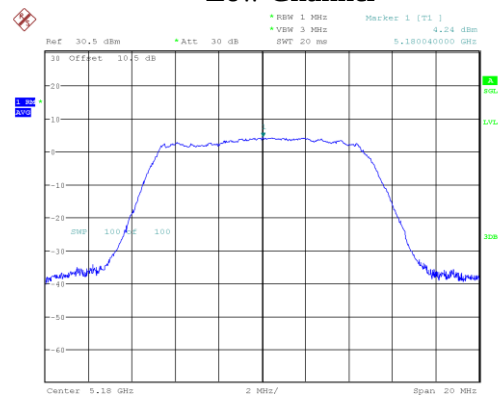
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High Channel



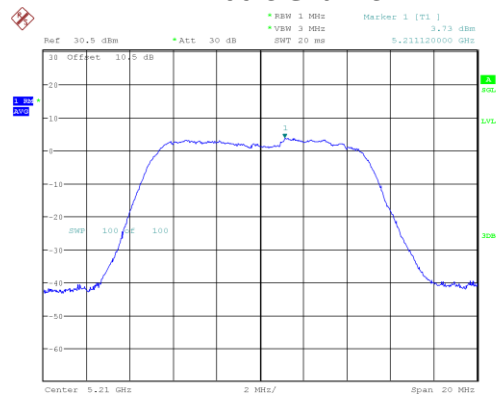
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Date: 2.DEC.2024 16:27:14

Antenna 1 BW: 10 MHz
Low Channel



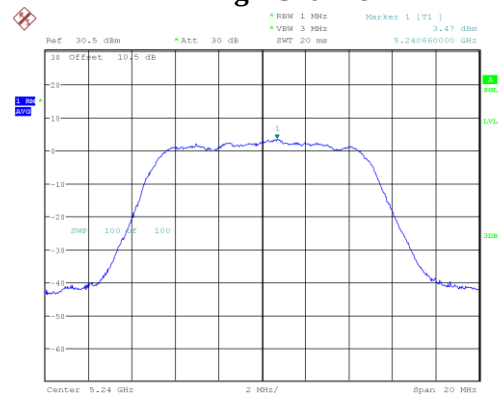
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Date: 20.JAN.2025 17:37:46

Middle Channel



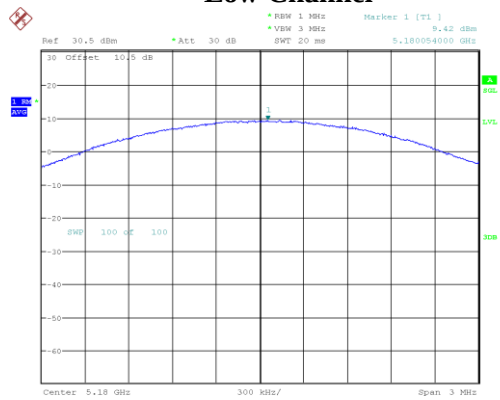
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High Channel



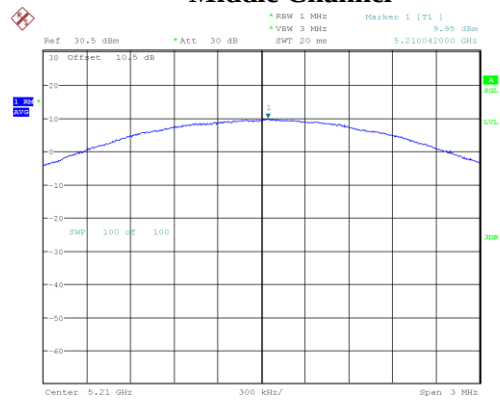
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Antenna 2 BW: 1.25 MHz
Low Channel



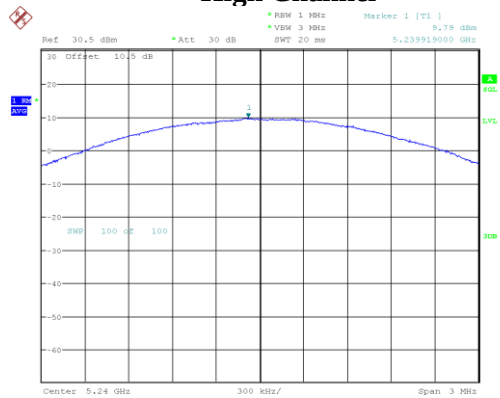
ProjectNo.:RSHA240816001 Tester:Neil Zhou
Date: 2.DEC.2024 16:22:38

Middle Channel



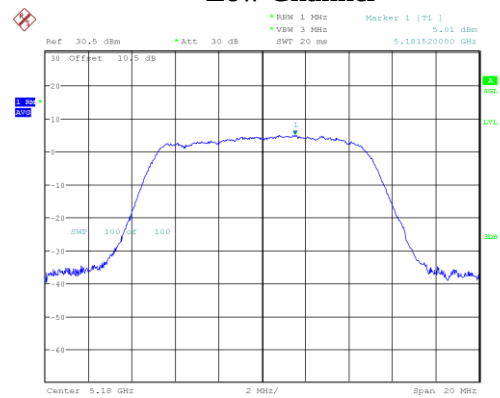
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High Channel



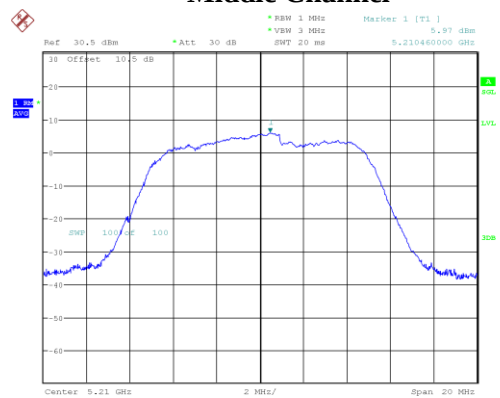
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Antenna 2 BW: 10 MHz
Low Channel



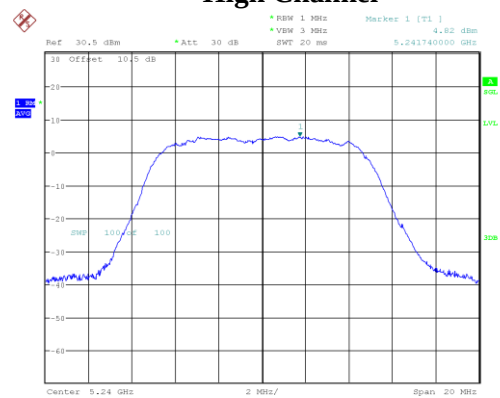
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Middle Channel



ProjectNo.:RSHA240816001 Tester:Neil Zhou
Date: 20.JAN.2025 17:51:09

High Channel



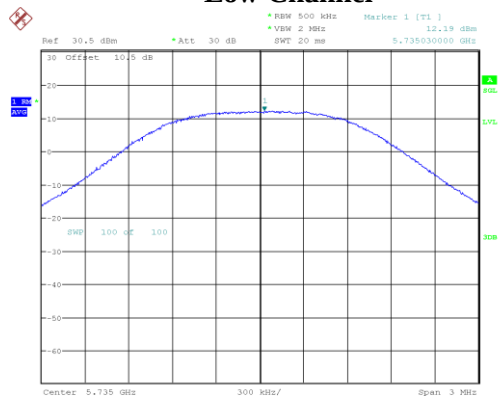
ProjectNo.:RSHA240816001 Tester:Neil Zhou
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Antenna	Mode	Channel	Frequency (MHz)	Result (dBm/500kHz)	Duty Cycle Factor (dB)	Result (dBm/500kHz)	Limit (dBm/500kHz)
Antenna 1	SRD (1.25M)	Low	5735	12.19	3.21	15.40	30
		Middle	5775	11.09	3.19	14.28	30
		High	5805	14.48	3.19	17.67	30
	SRD (10M)	Low	5735	5.76	3.17	8.93	30
		Middle	5775	7.52	3.24	10.76	30
		High	5805	7.68	3.25	10.93	30
Antenna 2	SRD (1.25M)	Low	5735	13.38	3.20	16.58	30
		Middle	5775	10.88	3.18	14.06	30
		High	5805	13.82	3.22	17.04	30
	SRD (10M)	Low	5735	7.73	3.23	10.96	30
		Middle	5775	7.47	3.20	10.67	30
		High	5805	7.44	3.26	10.70	30
Antenna 1 + Antenna 2	SRD (1.25M)	Low	5735	/	/	19.04	30
		Middle	5775	/	/	17.18	30
		High	5805	/	/	20.38	30
	SRD (10M)	Low	5735	/	/	13.07	30
		Middle	5775	/	/	13.73	30
		High	5805	/	/	13.83	30

Note:

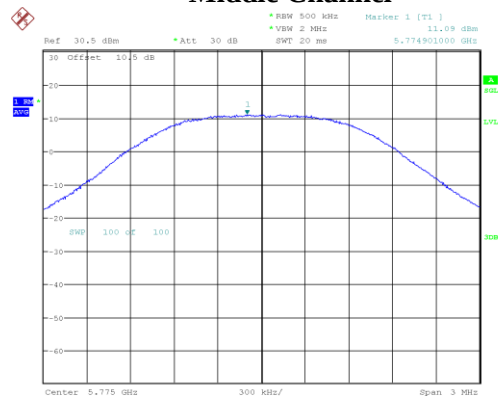
1. Antenna 1+Antenna 2 =10*LOG (10^(Antenna 1/10)+10^(Antenna 2/10))
2. All transmit signals are completely uncorrelated with each other, Directional gain = G_{ANT}

Antenna 1 BW: 1.25 MHz
Low Channel



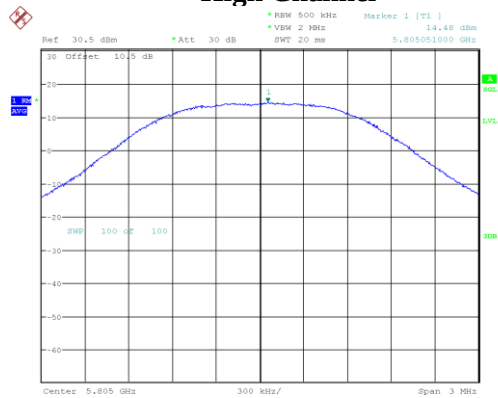
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Middle Channel



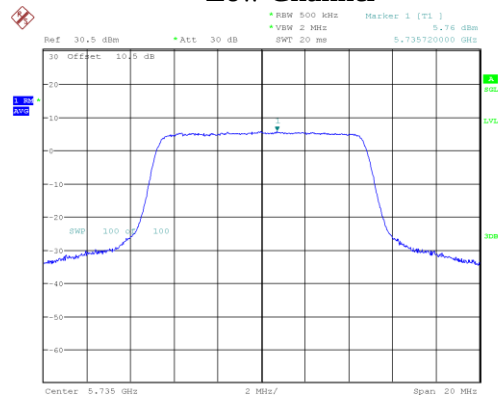
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High Channel



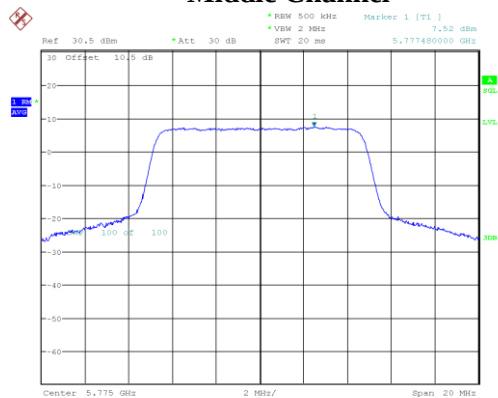
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Antenna 1 BW: 10 MHz
Low Channel



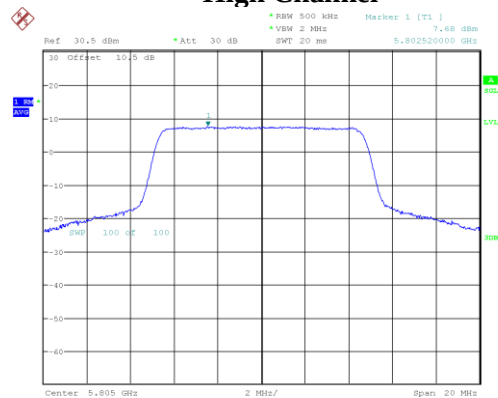
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Middle Channel



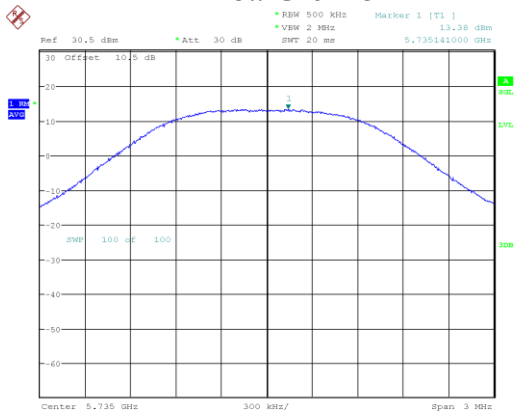
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High Channel



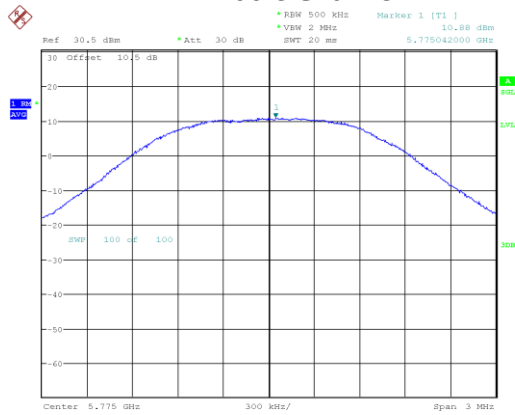
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Antenna 2 BW: 1.25 MHz
Low Channel



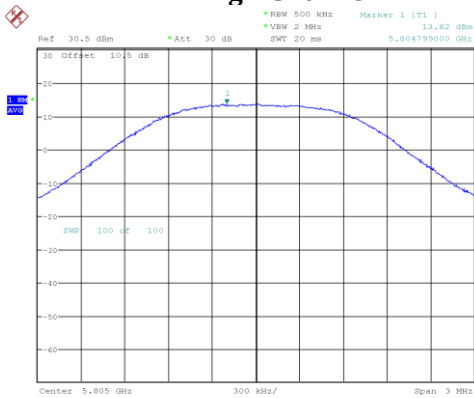
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Middle Channel



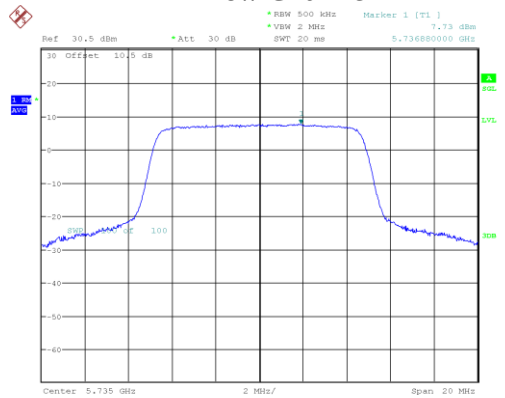
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High Channel



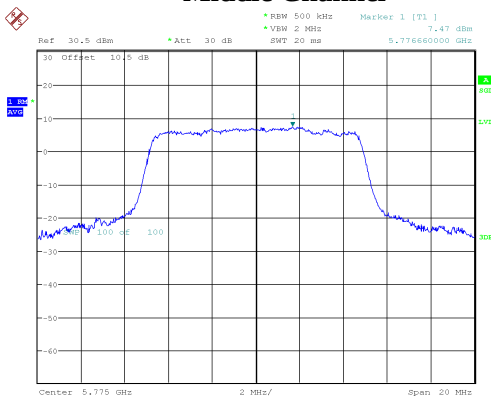
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Date: 29.NOV.2024 15:46:28

Antenna 2 BW: 10 MHz
Low Channel



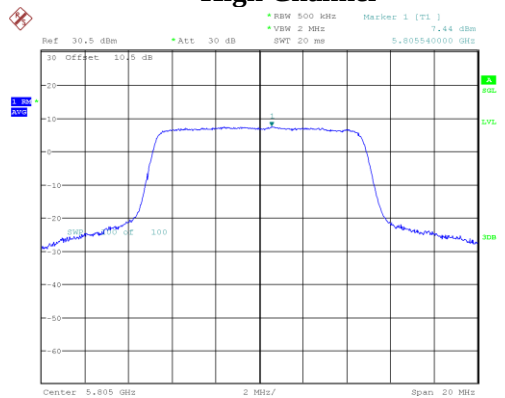
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Middle Channel



ProjectNo.:RSHA240816001 Tester:Neil Zhou
Date: 28.FEB.2025 11:00:36

High Channel



ProjectNo.:RSHA240816001 Tester:Neil Zhou
Date: 29.NOV.2024 16:30:15

EUT PHOTOGRAPHS

Please refer to the attachment EXHIBIT A - EUT EXTERNAL PHOTOGRAPHS and EXHIBIT B - EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment EXHIBIT D - TEST SETUP PHOTOGRAPHS.

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

******* END OF REPORT *******