

BT StreetHub 2.0

NOISE TEST REPORT

DATE OF ISSUE	16/11/2021
DEVICE UNDER TEST	BT STREET HUB 2 – MODEL BTSH-01
TEST EQUIPMENT USED	Decibel meter (ANENG-GN101), tripod, spirit-level, measuring tape

SUMMARY OF TESTS PERFORMED

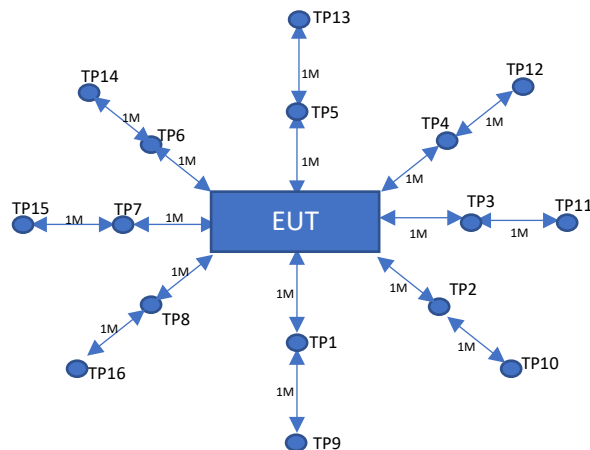
1	NOISE LEVELS UNDER TYPICAL OPERATING CONDITIONS
2	NOISE LEVELS UNDER WORST CASE OPERATING CONDITIONS

TEST 1 : NOISE OUTPUT UNDER TYPICAL OPERATING CONDITIONS

EQUIPMENT SET-UP	OPERATING UNDER THERMAL MANAGEMENT SYSTEM AT AMBIENT TEMPERATURE	
AMBIENT TEMPERATURE DURING TEST	17.8°C	
BACKGROUND NOISE LEVEL	54.4dB	

TESTING MAP

ALL TESTS CARRIED OUT AT 1.5M ABOVE FLOOR LEVEL



RESULTS				
TEST POINT ID	READING 1	READING 2	READING 3	AVERAGE
TP1	56.0	56.6	56.1	56.2
TP2	56.2	55.6	56.4	56.1
TP3	55.2	55.8	56.1	55.7
TP4	55.7	56.2	56.2	56.0
TP5	56.5	56.5	56.4	56.5
TP6	56.6	56.5	56.3	56.5
TP7	56.7	56.8	56.7	56.7
TP8	56.8	56.6	56.1	56.5
TP9	54.8	56.2	56.2	55.7
TP10	54.6	55.0	55.5	55.0
TP11	55.3	55.4	56.2	55.6
TP12	55.0	55.1	55.3	55.1
TP13	54.7	55.2	56.0	55.3
TP14	55.8	55.2	55.2	55.4
TP15	56.0	56.0	56.0	56.0
TP16	56.0	55.0	55.6	55.5
			Average	55.9
			Factor for Background Noise	50.5

TEST 2 : NOISE OUTPUT UNDER WORST CASE OPERATING CONDITIONS

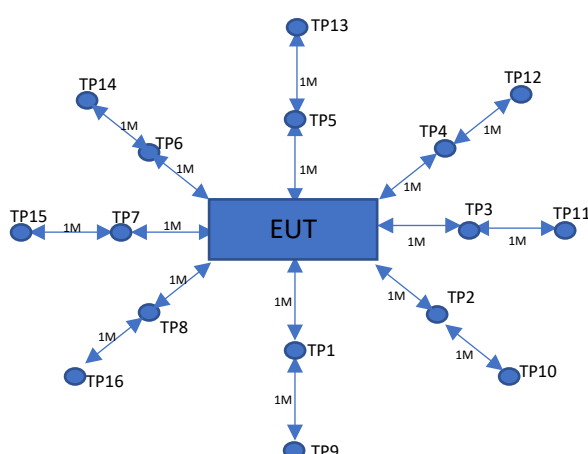
EQUIPMENT SET-UP	OPERATING WITH ALL EQUIPMENT RUNNING AT MAXIMUM LOAD	
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AMBIENT TEMPERATURE DURING TEST	17.8°C (simulated to 35°C by setting fans to max. speed)	
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BACKGROUND NOISE LEVEL	54.4dB	
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TESTING MAP

ALL TESTS CARRIED OUT AT 1.5M ABOVE FLOOR LEVEL



RESULTS				
TEST POINT ID	READING 1	READING 2	READING 3	AVERAGE
TP1	59.1	59.0	59.3	59.1
TP2	59.3	59.5	59.0	59.3
TP3	59.1	59.2	59.3	59.2
TP4	63.2	63.2	63.0	63.1
TP5	64.2	64.3	64.2	64.2
TP6	63.2	63.1	63.0	63.1
TP7	59.9	59.2	59.9	59.7
TP8	59.0	59.0	59.2	59.1
TP9	59.0	58.4	58.6	58.7
TP10	58.4	58.3	58.4	58.4
TP11	59.5	58.9	59.1	59.2
TP12	61.7	61.7	61.5	61.6
TP13	63.3	62.7	62.7	62.9
TP14	61.5	61.5	61.4	61.5
TP15	59.5	59.6	59.8	59.6
TP16	58.1	58.8	58.6	58.5
			Average	60.4
			Factor for Background Noise	59.1