

APPENDIX B: TEST SEQUENCES

1. Test sequence is generated based on below parameters of the DUT:

- a. Measured maximum power (P_{max})
- b. Measured Tx_power_at_SAR_design_target (P_{limit})
- c. Setup time to make SAR raminging be full
- d. Do test according to test sequence

2. Test Sequence A Waveform:

Based on the parameters above, the test sequence A is generated with one or two levels where one of the levels is maximum power level (P_{max}) which is applied at least for 100s. Based on the second level this test sequence is sub-categorized into four different sequences used

- (a) Test Sequence A.i where after P_{max} , a second level of P_{limit} is requested till the end of the test
- (b) Test Sequence A.ii where after P_{max} , a second level of $P_{max}-3dB$ is requested till the end of the test
- (c) Test Sequence A.iii where after P_{max} , a second level of $P_{limit}-3dB$ is requested till the end of the test
- (d) Test Sequence A.iv where only P_{max} is requested till the end of the test

3. Test Sequence B Waveform:

Based on the parameters above, the Test Type B is generated with pre-defined power levels, which is described in Table B-1:

FCC ID: A3LSMA356U	PART 2 RF EXPOSURE EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX B: Page 1 of 3

**Table B-1
Test Sequence B**

Time duration (second)	Power level (dB)
15	Plimit - 5
20	Plimit
20	Plimit + 5
10	Plimit - 6
20	Pmax
15	Plimit
15	Plimit -7
20	Pmax
10	Plimit-5
15	Plimit
10	Plimit-6
20	Plimit + 5
10	Plimit - 4
15	Plimit
10	Plimit - 6
20	Pmax
15	Plimit-8
15	Plimit
20	Pmax
10	Plimit - 9
20	Plimit + 5
20	Plimit
15	Plimit - 5

The Test Sequence 2 waveform is shown in Figure B-1.

FCC ID: A3LSMA356U	PART 2 RF EXPOSURE EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX B: Page 2 of 3

S.LSI Test Sequence B

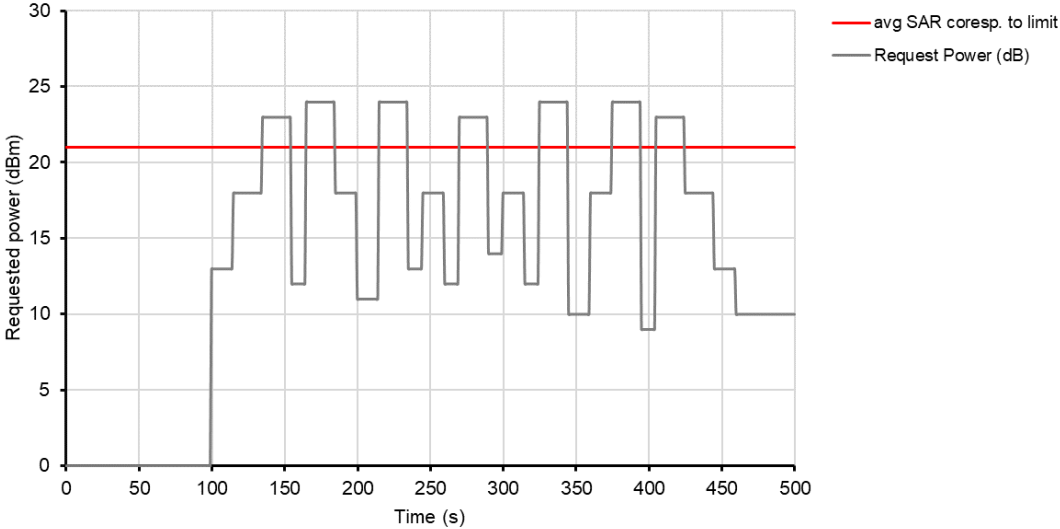


Figure B-1
Test sequence 2 waveform

FCC ID: A3LSMA356U	PART 2 RF EXPOSURE EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX B: Page 3 of 3