

XMit 2020.12.30.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

#### **TEST EQUIPMENT**

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5183A	TIK	2019-04-30	2022-04-30
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	2021-04-16	2022-04-16
Block - DC	Fairview Microwave	SD3379	AMZ	2020-11-04	2021-11-04
Attenuator	S.M. Electronics	SA26B-20	RFW	2021-02-05	2022-02-05
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	2020-09-14	2021-09-14

#### **TEST DESCRIPTION**

The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in each available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

Report No. STAK0238 54/69



ANSI C63.10:2013			TbtTx 2021.03.19.1	XMit 2020.12.30.0
Customer:   Starkey Laboratories, Inc.   Temperature:   22.3 °C     Attendees:   John Quach   Humidity:   45.5% RH     Project:   None   Barometric Press.:   10.23 mbar     Tested by:   Andrew Rogstad   Power:   Battery   Job Site:   MN08     ST SPECIFICATIONS   Test Method     Collection	EUT: Evolv Al Power Plus BTE 13 BLE Hearing Aid	Work Order:	STAK0238	
Attendees:   John Quach	Serial Number: 210990482	Date:	17-May-21	
Attendees:   John Quach	Customer: Starkey Laboratories, Inc.	Temperature:	22.3 °C	
Tested by: Andrew Rogstad	Attendees: John Quach	Humidity:	45.6% RH	
Test Method   ANSI C63.10:2013   ANSI C63.10:2013	Project: None	Barometric Pres.:	1023 mbar	
ANSI C63.10:2013	Tested by: Andrew Rogstad Power: Battery	Job Site:	MN08	
DOMMENTS eference level offset includes measurement cable, attenuator, and DC block.  EVIATIONS FROM TEST STANDARD  one  onfiguration # 1  Signature  Value (dBc) ≤ (dBc) Result  (e/BC) Signature  E/GFSK 1 Mbps Low Channel, 2402 MHz  E/GFSK 1 Mbps High Channel, 2480 MHz  43.51 -20 Pass  E/GFSK 1 Mbps High Channel, 2480 MHz	TEST SPECIFICATIONS Test Method			
EVIATIONS FROM TEST STANDARD	FCC 15.247:2021 ANSI C63.10:2013			
EVIATIONS FROM TEST STANDARD				
EVIATIONS FROM TEST STANDARD	COMMENTS			
Signature         Value (dBC)         Limit (dBC)         ≤ (dBC)         Result           .E/GFSK 1 Mbps Low Channel, 2402 MHz         -35.33         -20         Pass           .E/GFSK 1 Mbps High Channel, 2480 MHz         -43.51         -20         Pass	DEVIATIONS FROM TEST STANDARD			
Value (dBc)         Limit (dBc)         ≤ (dBc)         Result           .E/GFSK 1 Mbps Low Channel, 2402 MHz         -35.33         -20         Pass           .E/GFSK 1 Mbps High Channel, 2480 MHz         -43.51         -20         Pass	None			
LE/GFSK 1 Mbps Low Channel, 2402 MHz         d(Bc)         ≤ (dBc)         Result           LE/GFSK 1 Mbps Low Channel, 2402 MHz         -35.33         -20         Pass           LE/GFSK 1 Mbps High Channel, 2480 MHz         -43.51         -20         Pass	Configuration # 1 Signature Rogards Regards Re			
.E/GFSK 1 Mbps High Channel, 2480 MHz -43.51 -20 Pass				Result
	BLE/GFSK 1 Mbps Low Channel, 2402 MHz	-35.33	-20	Pass
E/GFSK 2 Mbps Low Channel, 2402 MHz -26.87 -20 Pass	BLE/GFSK 1 Mbps High Channel, 2480 MHz	-43.51	-20	Pass
	BLE/GFSK 2 Mbps Low Channel, 2402 MHz	-26.87	-20	Pass
.E/GFSK 2 Mbps High Channel, 2480 MHz -41.28 -20 Pass	BLE/GFSK 2 Mbps High Channel, 2480 MHz	-41.28	-20	Pass

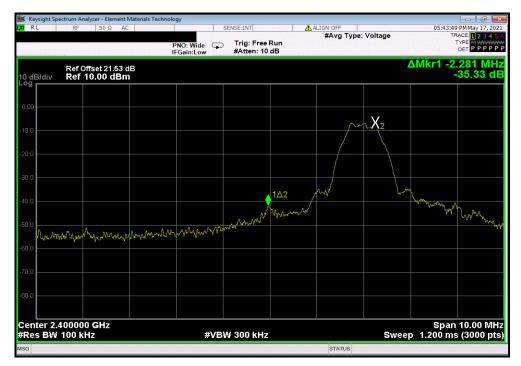
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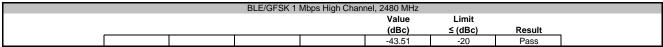


BLE/GFSK 1 Mbps Low Channel, 2402 MHz

Value Limit
(dBc) ≤ (dBc) Result

-35.33 -20 Pass







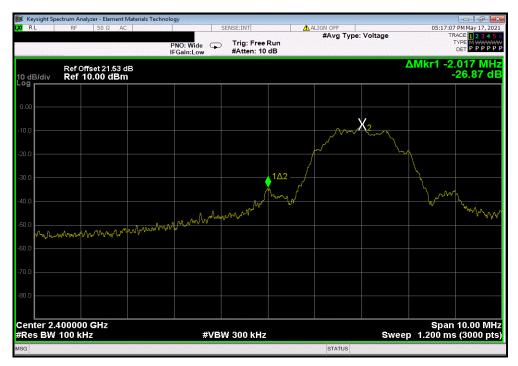
Report No. STAK0238 56/69

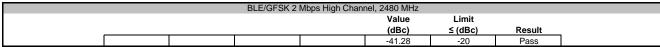


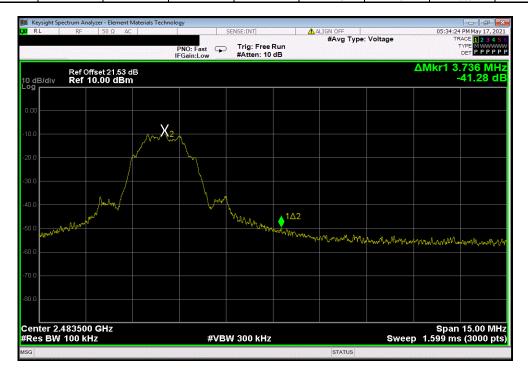
BLE/GFSK 2 Mbps Low Channel, 2402 MHz

Value Limit
(dBc) ≤ (dBc) Result

-26.87 -20 Pass







Report No. STAK0238 57/69



XMit 2020.12.30.0

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#### **TEST EQUIPMENT**

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
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Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	2020-09-14	2021-09-14

#### **TEST DESCRIPTION**

The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet. For each transmit frequency, the fundamental was measured with a 100 kHz resolution bandwidth and the highest value was recorded. The rest of the spectrum was then measured with a 100 kHz resolution bandwidth and the highest value was found. The difference between the value found on the fundamental and the rest of the spectrum was compared against the limit to determine compliance.

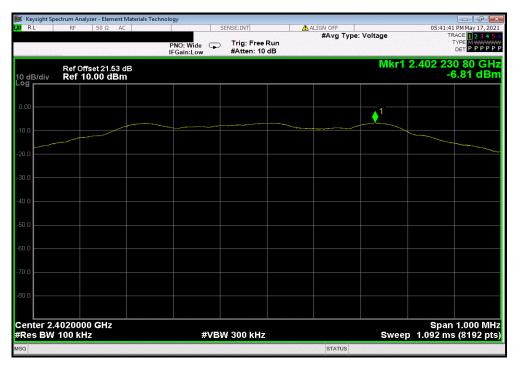
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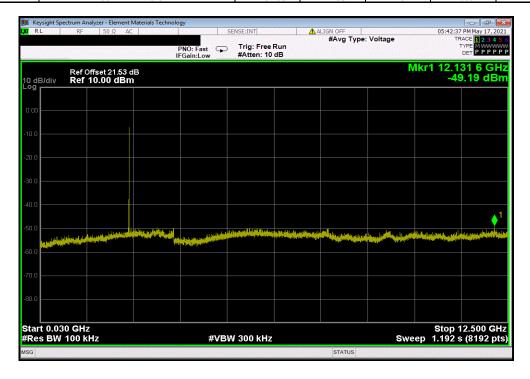
						TbtTx 2021.03.19.1	XMit 2020.12.3
	Al Power Plus BTE 13	BLE Hearing Aid			Work Order:		
Serial Number: 210990						17-May-21	
Customer: Starkey					Temperature:		
Attendees: John Q	uach					44.8% RH	
Project: None					Barometric Pres.:		
Tested by: Andrew	v Rogstad		Power: Battery		Job Site:	MN08	
TEST SPECIFICATIONS			Test Method				
FCC 15.247:2021			ANSI C63.10:2013				
COMMENTS							
Reference level offset inclu	ides measurement cal	ble, attenuator, and DC bl	ock.				
DEVIATIONS FROM TEST S	STANDARD						
None	JIANUANU						
None							
Configuration #	1		Or Rogertal				
		Signature	Frequency	Measured	Max Value	Limit	
			Range		(dBc)	≤ (dBc)	
			Kange	Freq (MHz)	(abc)	≥ (ubc)	Result
BLE/GFSK 1 Mbps Low Cha	nnel, 2402 MHz		Fundamental	2402.23	N/A	N/A	N/A
BLE/GFSK 1 Mbps Low Cha	nnel, 2402 MHz		Fundamental	2402.23	N/A	N/A	N/A
BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Low Cha	nnel, 2402 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58	N/A -42.38	N/A -20	N/A Pass
BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94	N/A -42.38 -32.63 N/A -40.08	N/A -20 -20	N/A Pass Pass
BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34	N/A -42.38 -32.63 N/A -40.08 -29.68	N/A -20 -20 N/A -20 -20	N/A Pass Pass N/A Pass Pass
BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Cha	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A	N/A -20 -20 N/A -20 -20 N/A	N/A Pass Pass N/A Pass Pass N/A
BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2480 MHz annel, 2480 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5	N/A -20 -20 N/A -20 -20 N/A -20	N/A Pass Pass N/A Pass Pass N/A Pass
BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08	N/A -20 -20 N/A -20 -20 N/A	N/A Pass Pass N/A Pass Pass N/A
BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 2 Mbps Low Cha	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A	N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A	N/A Pass Pass N/A Pass Pass Pass Pass N/A Pass
BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2402 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68	N/A 42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A -41.98	N/A -20 -20 N/A -20 -20 N/A -20 -20	N/A Pass Pass N/A Pass Pass N/A Pass N/A Pass
BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2402 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A	N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A	N/A Pass Pass N/A Pass Pass N/A Pass N/A Pass Pass Pass
BLE/GFSK 1 Mbps Low Chal SLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Low Chal	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2448 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2402 MHz nnel, 2402 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68	N/A 42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A -41.98	N/A -20 -20 N/A -20 -20 -20 -20 -20 -20 -20 N/A -20	N/A Pass Pass N/A Pass Pass N/A Pass N/A Pass Pass N/A Pass
BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Low Chai BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chai BLE/GFSK 1 Mbps High Chai BLE/GFSK 1 Mbps High Chai BLE/GFSK 2 Mbps Low Chai BLE/GFSK 2 Mbps Mid Char	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2480 MHz nnel, 2402 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68 24952.69	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A -41.98 -32.02	N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A -20	N/A Pass Pass N/A Pass Pass N/A Pass Pass N/A Pass Pass N/A Pass
BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Low Chal BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 1 Mbps High Chal BLE/GFSK 2 Mbps Low Chal BLE/GFSK 2 Mbps Mid Char BLE/GFSK 2 Mbps Mid Char BLE/GFSK 2 Mbps Mid Char	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2448 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2480 MHz nnel, 2402 MHz nnel, 2402 MHz nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 50 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68 24952.69 2442	N/A -42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A -41.98 -32.02 N/A	N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A -20 N/A	N/A Pass Pass N/A Pass Pass N/A Pass N/A Pass Pass Pass N/A Pass N/A Pass
BLE/GFSK 1 Mbps Low Cha BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 1 Mbps High Cha BLE/GFSK 2 Mbps Low Cha BLE/GFSK 2 Mbps Low Cha BLE/GFSK 2 Mbps Low Cha BLE/GFSK 2 Mbps Low Cha BLE/GFSK 2 Mbps Mid Char BLE/GFSK 2 Mbps Mid Char	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 24480 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68 24952.69 2442 12480.21	N/A 42.38 -32.63 N/A -40.08 -29.68 N/A -39.5 -31.08 N/A -41.98 -32.02 N/A -39.26	N/A -20 -20 N/A -20 N/A -20 -20 -20 -20 -20 -20 -20 -20 -20	N/A Pass Pass N/A Pass
BLE/GFSK 1 Mbps Low Chas BLE/GFSK 1 Mbps Low Chas BLE/GFSK 1 Mbps Low Chas BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps Mid Char BLE/GFSK 1 Mbps High Chas BLE/GFSK 1 Mbps High Chas BLE/GFSK 1 Mbps High Chas BLE/GFSK 2 Mbps Low Chas BLE/GFSK 2 Mbps Mid Char BLE/GFSK 2 Mbps High Chas BLE/GFSK 2 Mbps High Char BLE/GFSK 2	nnel, 2402 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz annel, 2480 MHz annel, 2480 MHz annel, 2480 MHz nnel, 2480 MHz nnel, 2480 MHz nnel, 2402 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz nnel, 2442 MHz		Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz Fundamental 30 MHz - 12.5 GHz	2402.23 12131.58 24880.97 2442.02 6175.94 23907.34 2480.23 1875.15 24839.76 2402 5580.68 24952.69 2442 12480.21	N/A 42.38 42.63 N/A 40.08 29.68 N/A -39.5 -31.08 N/A -41.98 -32.02 N/A -39.26 -28.51	N/A -20 -20 N/A -20 N/A -20 -20 N/A -20 -20 N/A -20 -20 N/A -20 N/A -20 -20 N/A -20 -20 -20 -20 -20 -20 -20 -20 -20 -20	N/A Pass Pass N/A Pass N/A Pass N/A Pass N/A Pass N/A Pass N/A Pass Pass Pass Pass Pass Pass Pass

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	BLE/GFSK	1 Mbps Low Chanr	nel, 2402 MHz		
	Frequency	Measured	Max Value	Limit	
	Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
1	30 MHz - 12.5 GHz	12131.58	-42.38	-20	Pass



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BLE/GFSK 1 Mbps Low Channel, 2402 MHz

Frequency Measured Max Value Limit

Range Freq (MHz) (dBc) ≤ (dBc) Result

12.5 GHz - 25 GHz 24880.97 -32.63 -20 Pass



BLE/GF	SK 1 Mbps Mid Chann	el, 2442 MHz		
Frequency	Measured	Max Value	Limit	
Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
Fundamental	2442.02	N/A	N/A	N/A



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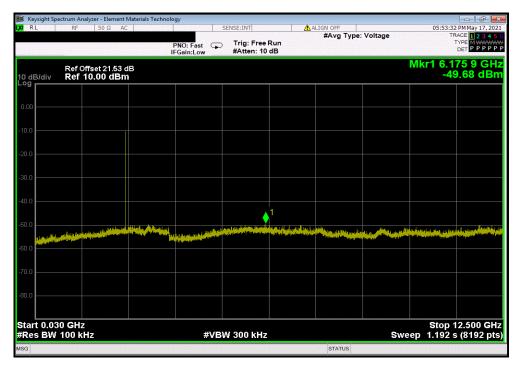


 BLE/GFSK 1 Mbps Mid Channel, 2442 MHz

 Frequency
 Measured
 Max Value
 Limit

 Range
 Freq (MHz)
 (dBc)
 ≤ (dBc)
 Result

 30 MHz - 12.5 GHz
 6175.94
 -40.08
 -20
 Pass



	BLE/GFSK	1 Mbps Mid Chann	el, 2442 MHz		
	Frequency	Measured	Max Value	Limit	
	Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
İ	12.5 GHz - 25 GHz	23907.34	-29.68	-20	Pass

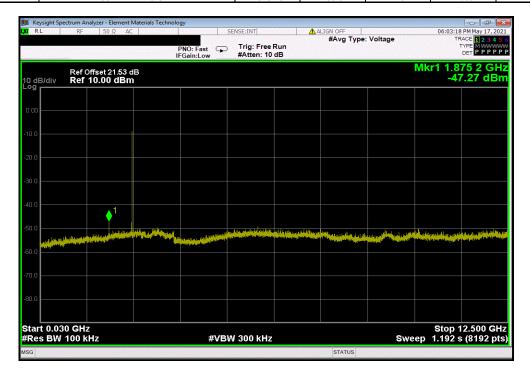


Report No. STAK0238 62/69





	BLE/GFSK 1 N	/lbps High Chanr	nel, 2480 MHz		
Fre	quency	Measured	Max Value	Limit	
R	ange	Freq (MHz)	(dBc)	≤ (dBc)	Result
30 MHz	- 12.5 GHz	1875.15	-39.5	-20	Pass



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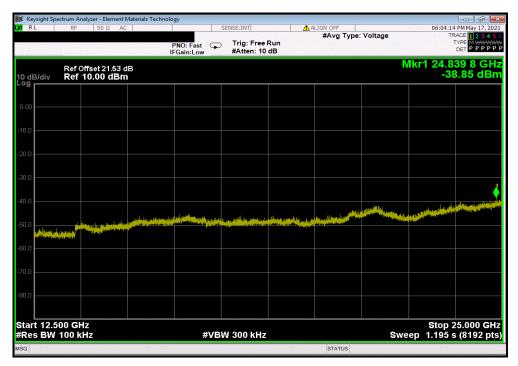


 BLE/GFSK 1 Mbps High Channel, 2480 MHz

 Frequency
 Measured Max Value Limit

 Range
 Freq (MHz)
 (dBc)
 ≤ (dBc)
 Result

 12.5 GHz - 25 GHz
 24839.76
 -31.08
 -20
 Pass



BLE/GF	SK 2 Mbps Low Chanr	nel, 2402 MHz		
Frequency	Measured	Max Value	Limit	
Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
Fundamental	2402	N/A	N/A	N/A



Report No. STAK0238 64/69

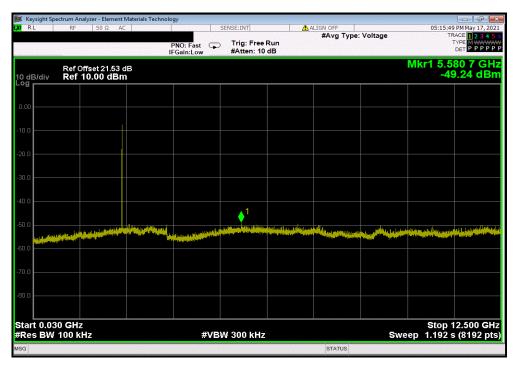


BLE/GFSK 2 Mbps Low Channel, 2402 MHz

Frequency Measured Max Value Limit

Range Freq (MHz) (dBc) ≤ (dBc) Result

30 MHz - 12.5 GHz 5580.68 -41.98 -20 Pass



	BLE/GFSK	2 Mbps Low Chanr	nel, 2402 MHz		
	Frequency	Measured	Max Value	Limit	
	Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
1	12.5 GHz - 25 GHz	24952.69	-32.02	-20	Pass



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BLE/GFSK	2 Mbps Mid Chann	el, 2442 MHz		
Frequency	Measured	Max Value	Limit	
 Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
30 MHz - 12.5 GHz	12480.21	-39.26	-20	Pass



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 BLE/GFSK 2 Mbps Mid Channel, 2442 MHz

 Frequency
 Measured
 Max Value
 Limit

 Range
 Freq (MHz)
 (dBc)
 ≤ (dBc)
 Result

 12.5 GHz - 25 GHz
 24966.43
 -28.51
 -20
 Pass



BLE/GF	SK 2 Mbps High Chanr	nel, 2480 MHz		
Frequency	Measured	Max Value	Limit	
Range	Freq (MHz)	(dBc)	≤ (dBc)	Result
Fundamental	2480	N/A	N/A	N/A



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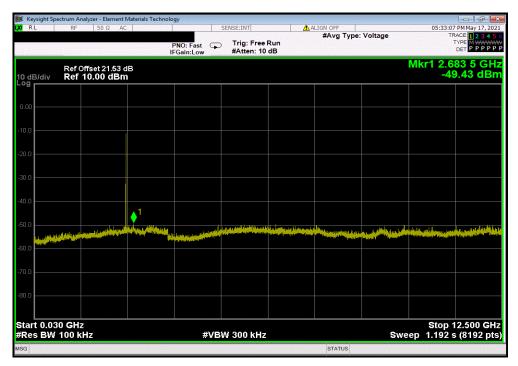


BLE/GFSK 2 Mbps High Channel, 2480 MHz

Frequency Measured Max Value Limit

Range Freq (MHz) (dBc) ≤ (dBc) Result

30 MHz - 12.5 GHz 2683.55 -41.1 -20 Pass



	BLE/GFSK 2 Mbps High Channel, 2480 MHz					
	Frequency	Measured	Max Value	Limit		
	Range	Freq (MHz)	(dBc)	≤ (dBc)	Result	
ĺ	12.5 GHz - 25 GHz	24687.16	-30.86	-20	Pass	



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# End of Test Report

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