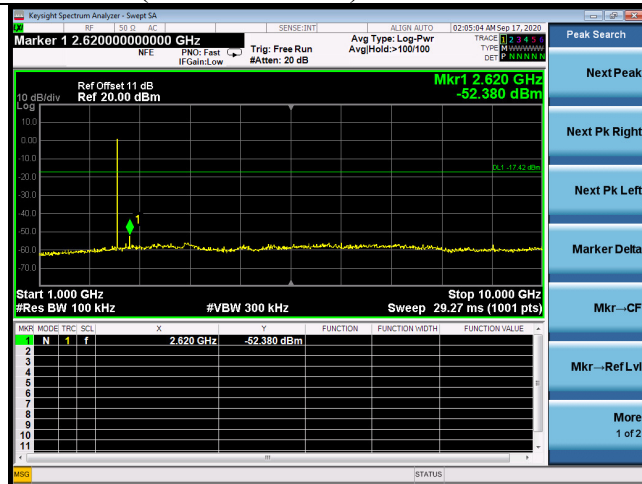
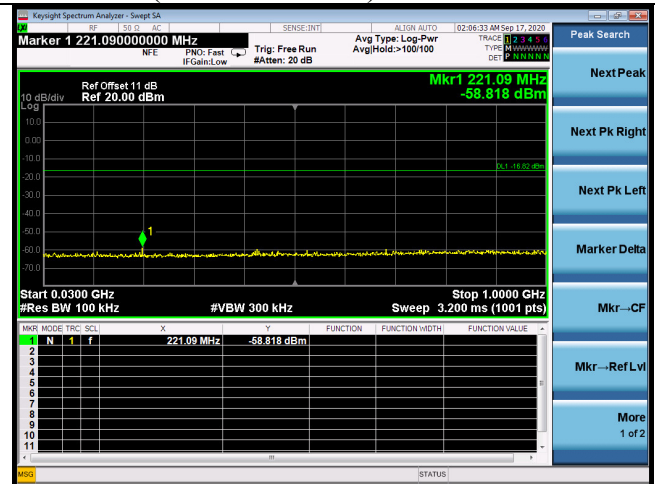


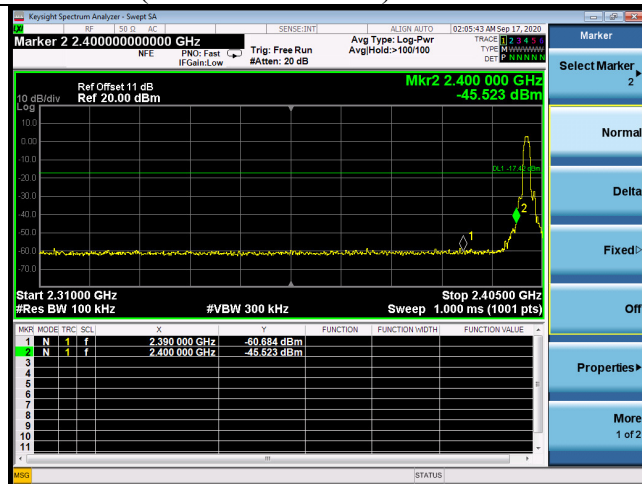
2402MHz(1GHz – 10GHz)



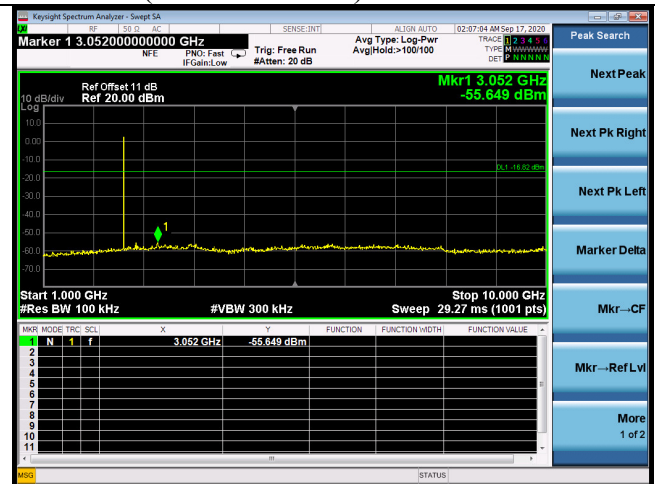
2441MHz(30MHz – 1GHz)



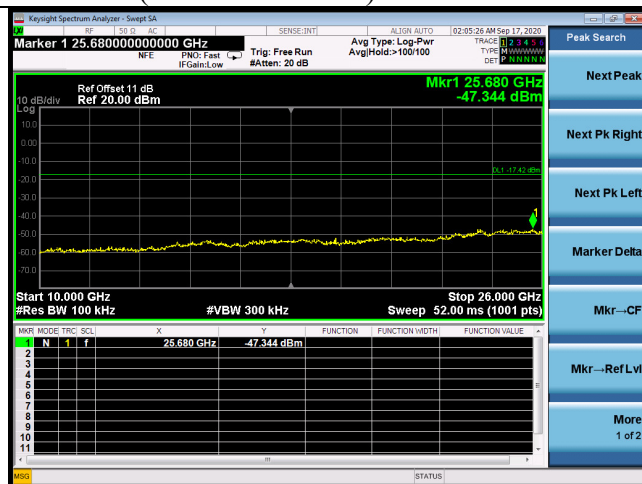
2402MHz(2.3GHz – 2.4GHz)



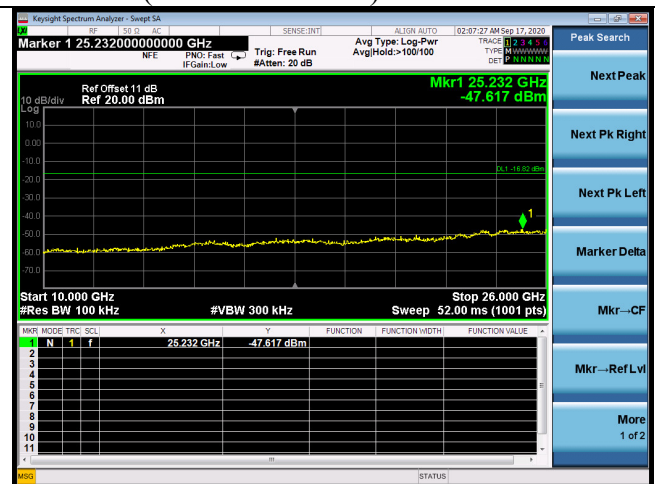
2441MHz(1GHz – 10GHz)



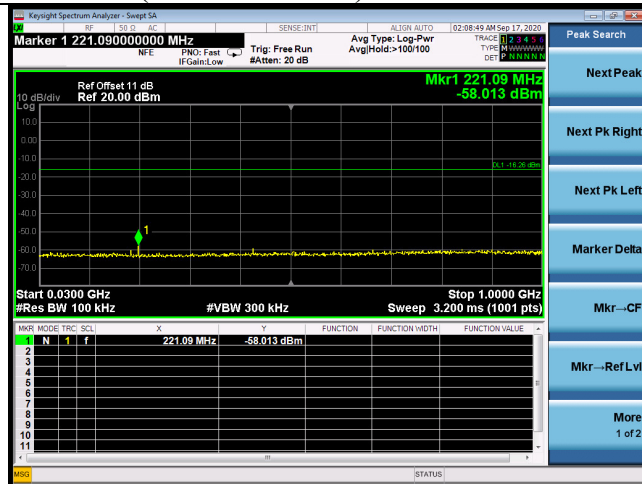
2402MHz(10GHz – 26GHz)



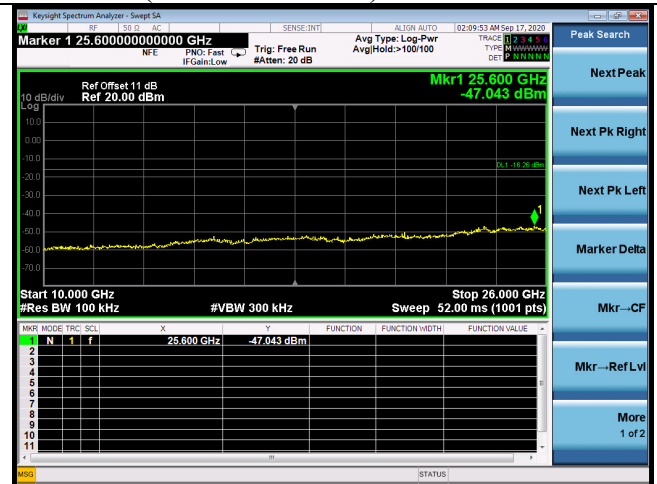
2441MHz(10GHz – 26GHz)



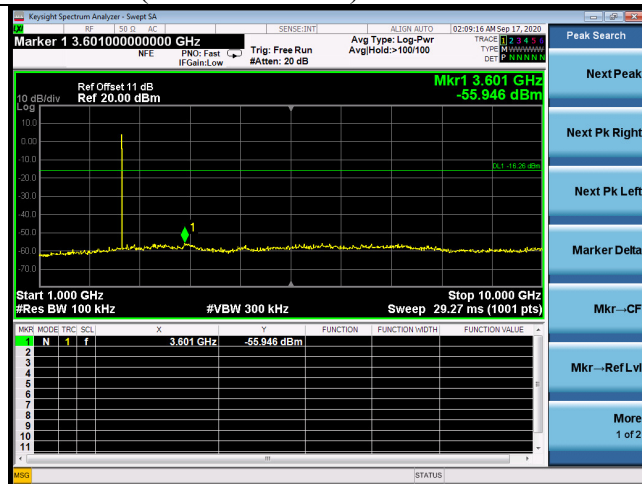
2480MHz(30MHz – 1GHz)



2480MHz(10GHz – 26GHz)

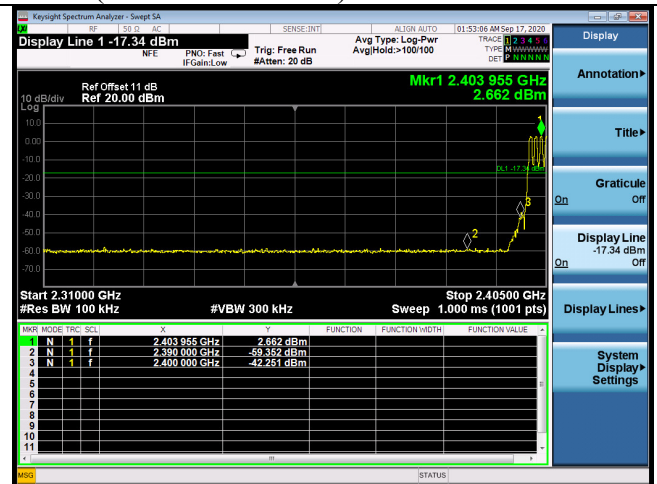


2480MHz(1GHz – 10GHz)

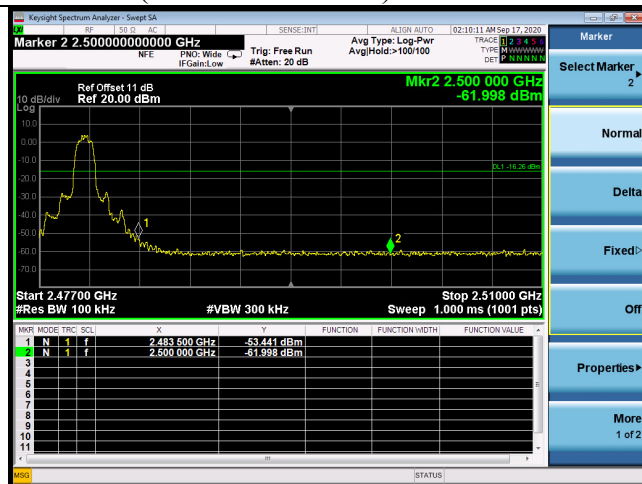


Hopping on

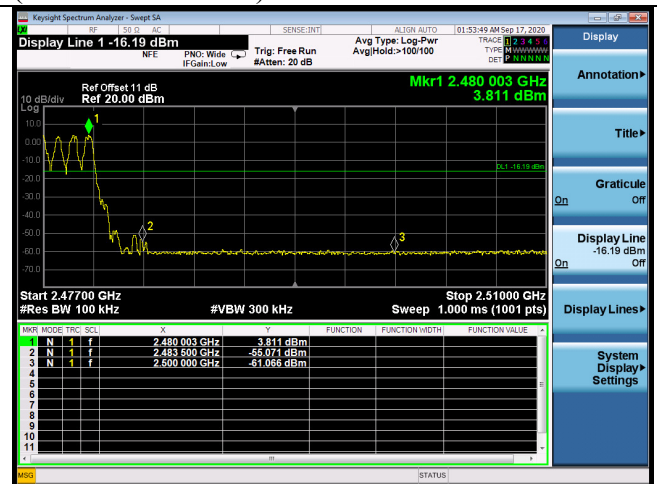
GFSK(2.3GHz – 2.4GHz)

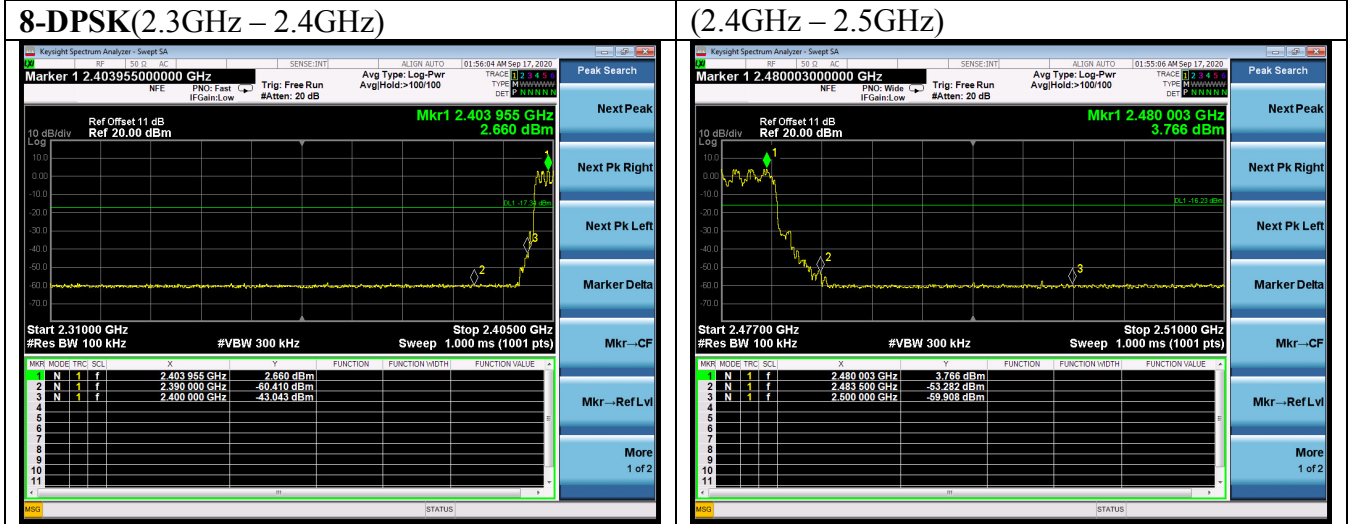


2480MHz(2.4GHz – 2.5GHz)



(2.4GHz – 2.5GHz)





6. 20 DB & 99% BANDWIDTH TEST

6.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.12,20	1 Year
2.	Attenuator	Agilent	8491B	MY39269201	Oct.13,19	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX-106	505238/6	Apr.11,20	1 Year

6.2. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

6.3. Test Procedure

Use the test method described in ANSI C63.10 clause 7.8.7:

1. Connect the antenna port of the EUT to the spectrum analyzer.
2. Let the EUT transmit at Low/ Mid/ High channel with test software.
3. Setting of SA is following as: RBW: 30kHz / VBW: 100kHz
Sweep Mode: Continuous sweep
Detect mode: Positive peak
Trace mode: Max hold.
4. Use the occupied bandwidth function of the SA measure the 20dB bandwidth directly.

6.4. Test Results

EUT: Wireless Speaker, Personal Audio System		
M/N: SRS-XB13		
Test date: 2020-09-16	Pressure: 102.1±1.0 kpa	Humidity: 51.1±3.0%
Tested by: Lynn	Test site: RF site	Temperature: 22.8±0.6 °C

Test Mode	Frequency (MHz)	20dB bandwidth (KHz)	Limit (KHz)
GFSK	2402	1045	N/A
	2441	1044	N/A
	2480	1045	N/A
8-DPSK	2402	1213	N/A
	2441	1212	N/A
	2480	1211	N/A

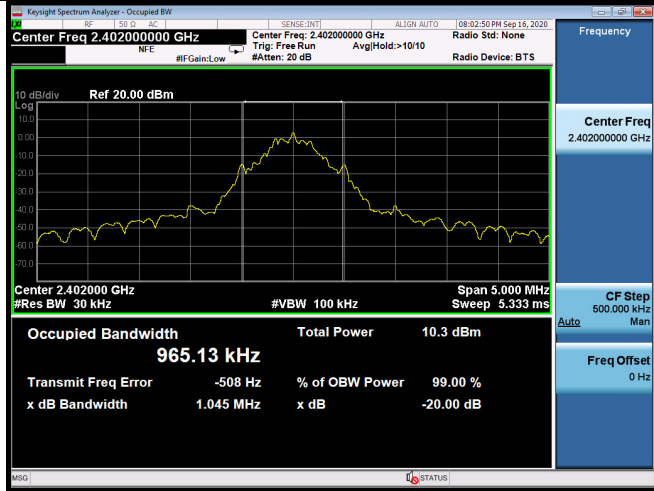
Conclusion : PASS

Test Mode	Frequency (MHz)	99% Bandwidth (KHz)	Limit (KHz)
GFSK	2402	965.13	N/A
	2441	964.63	N/A
	2480	965.62	N/A
8-DPSK	2402	1142.2	N/A
	2441	1140.2	N/A
	2480	1139.9	N/A

Conclusion : PASS

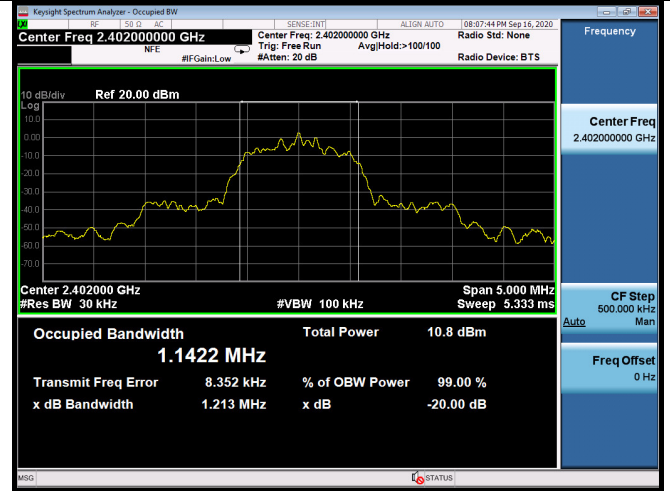
GFSK

2402MHz

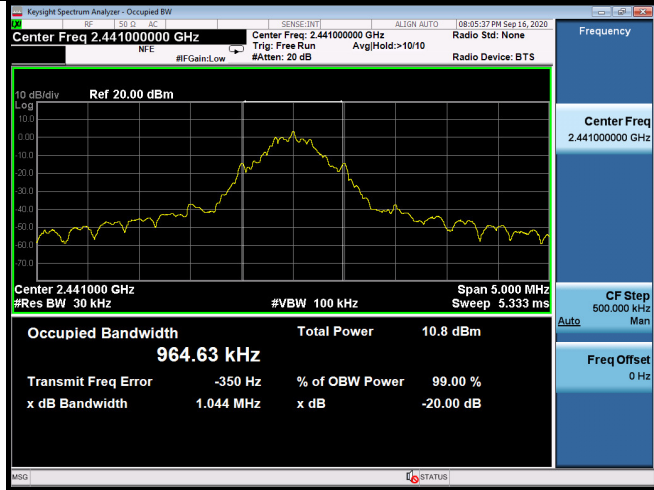


8-DPSK

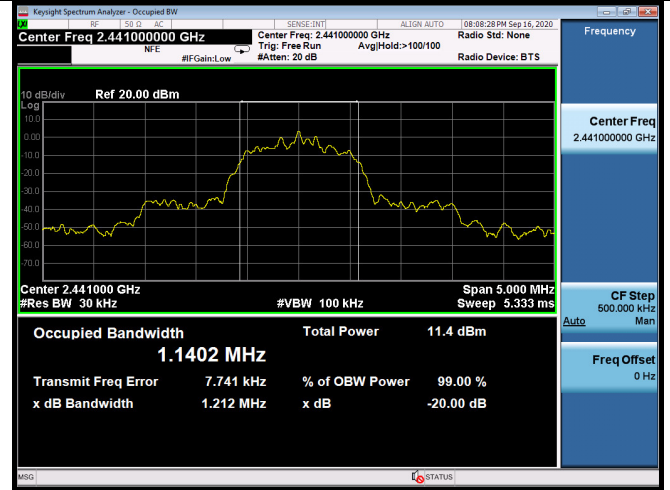
2402MHz



2441MHz



2441MHz



2480MHz



2480MHz

