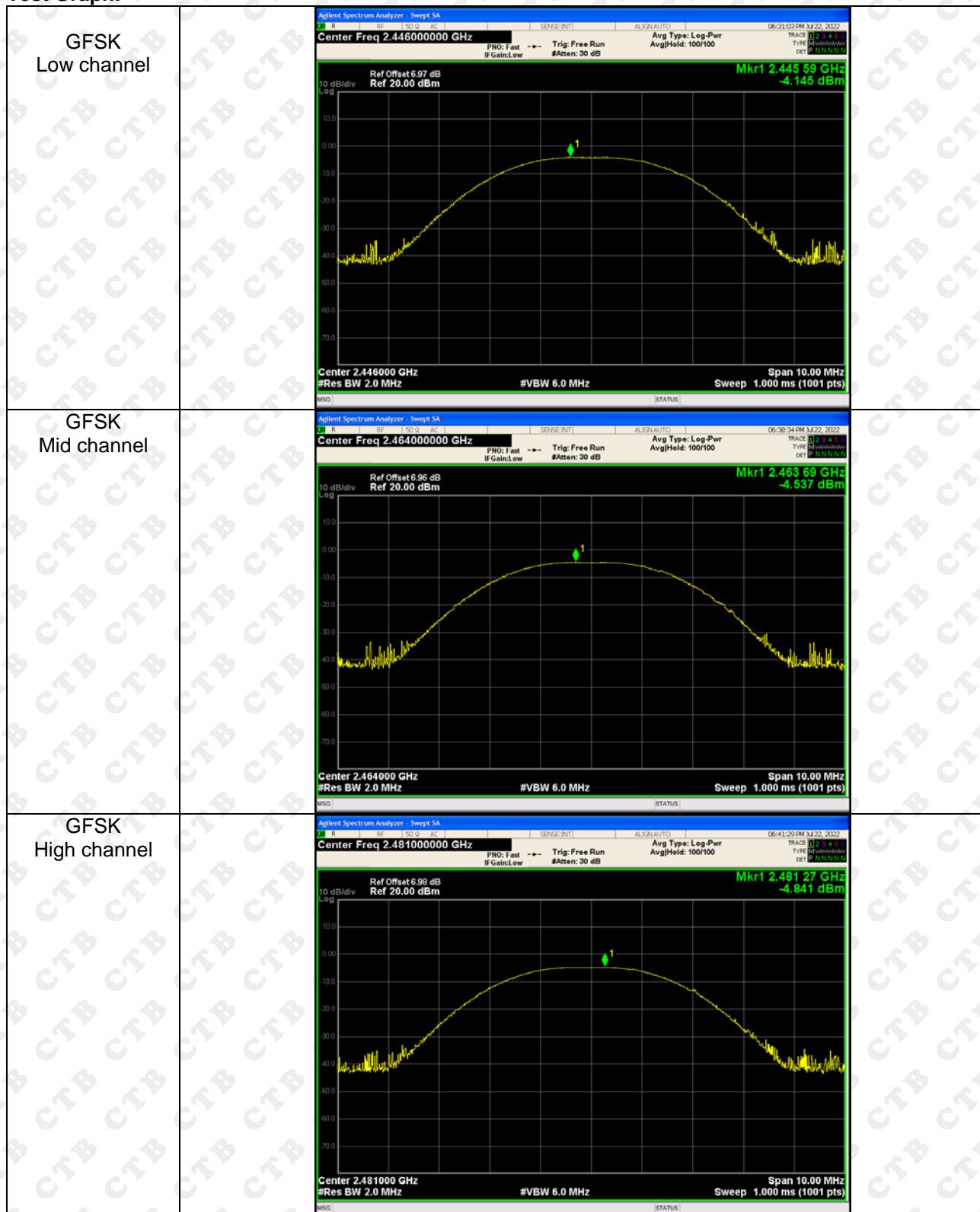
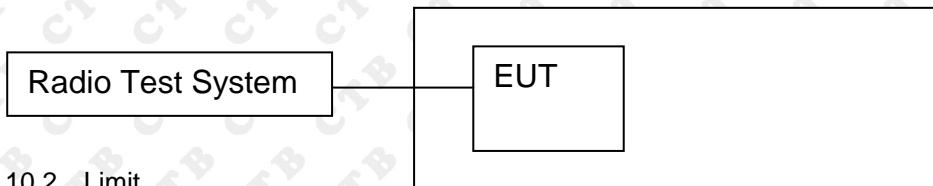


Test Graph:



10. 6DB OCCUPIED BANDWIDTH

10.1 Block Diagram Of Test Setup



10.2 Limit

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS

10.3 Test procedure

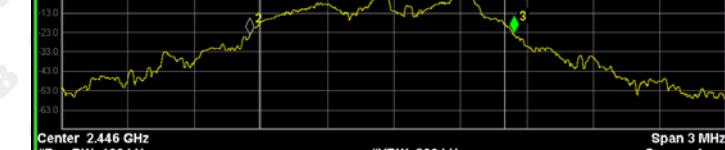
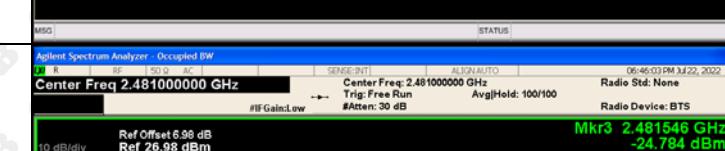
1. Rem1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

10.4 Test Result

Test Mode	Frequency	6dB Bandwidth (MHz)	Result
GFSK	Low channel	1.194	PASS
	Mid channel	1.196	PASS
	High channel	1.214	PASS

Note: All modes of operation were Pre-scan and the worst-case emissions are reported.

Test Graph:

GFSK Low channel	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.446000000 GHz</p> <p>SENSE:INTI: Center Freq: 2.446000000 GHz #IFGain:Low Trig: Free Run AvgHold: 100/100 Radio Std: None #Atten: 30 dB Radio Device: BTS</p> <p>06:33:00 PM JU22, 2022</p>  <p>Ref Offset 8.97 dB Ref 26.97 dBm</p> <p>Span 3 MHz Sweep 1 ms</p> <p>Center 2.446 GHz #Res BW 100 KHz #VBW 300 KHz</p> <p>Occupied Bandwidth 1.1046 MHz Total Power 0.92 dBm</p> <p>Transmit Freq Error -52.879 kHz OBW Power 99.00 % x dB Bandwidth 1.194 MHz x dB -20.00 dB</p> <p>MSO STATUS</p>
GFSK Mid channel	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.464000000 GHz</p> <p>SENSE:INTI: Center Freq: 2.464000000 GHz #IFGain:Low Trig: Free Run AvgHold: 100/100 Radio Std: None #Atten: 30 dB Radio Device: BTS</p> <p>06:45:37 PM JU22, 2022</p>  <p>Ref Offset 5.96 dB Ref 26.96 dBm</p> <p>Span 3 MHz Sweep 1 ms</p> <p>Center 2.464 GHz #Res BW 100 KHz #VBW 300 KHz</p> <p>Occupied Bandwidth 1.1020 MHz Total Power 0.86 dBm</p> <p>Transmit Freq Error -56.022 kHz OBW Power 99.00 % x dB Bandwidth 1.196 MHz x dB -20.00 dB</p> <p>MSO STATUS</p>
GFSK High channel	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.481000000 GHz</p> <p>SENSE:INTI: Center Freq: 2.481000000 GHz #IFGain:Low Trig: Free Run AvgHold: 100/100 Radio Std: None #Atten: 30 dB Radio Device: BTS</p> <p>06:46:03 PM JU22, 2022</p>  <p>Ref Offset 5.96 dB Ref 26.98 dBm</p> <p>Span 3 MHz Sweep 1 ms</p> <p>Center 2.481 GHz #Res BW 100 KHz #VBW 300 KHz</p> <p>Occupied Bandwidth 1.1178 MHz Total Power 0.04 dBm</p> <p>Transmit Freq Error -60.421 kHz OBW Power 99.00 % x dB Bandwidth 1.214 MHz x dB -20.00 dB</p> <p>MSO STATUS</p>