

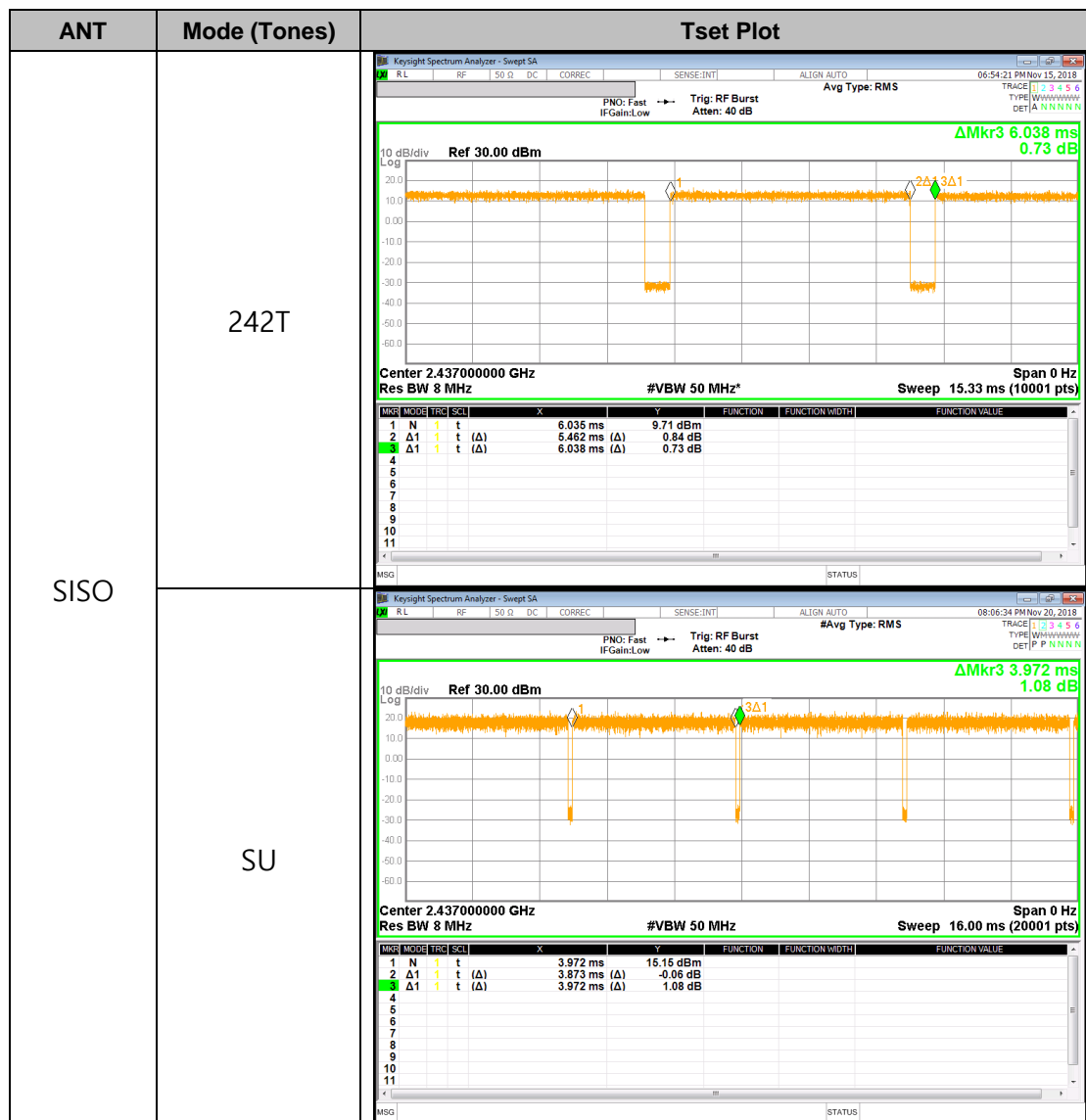
APPENDIX B: Duty cycle and 6dB Bandwidth test plots

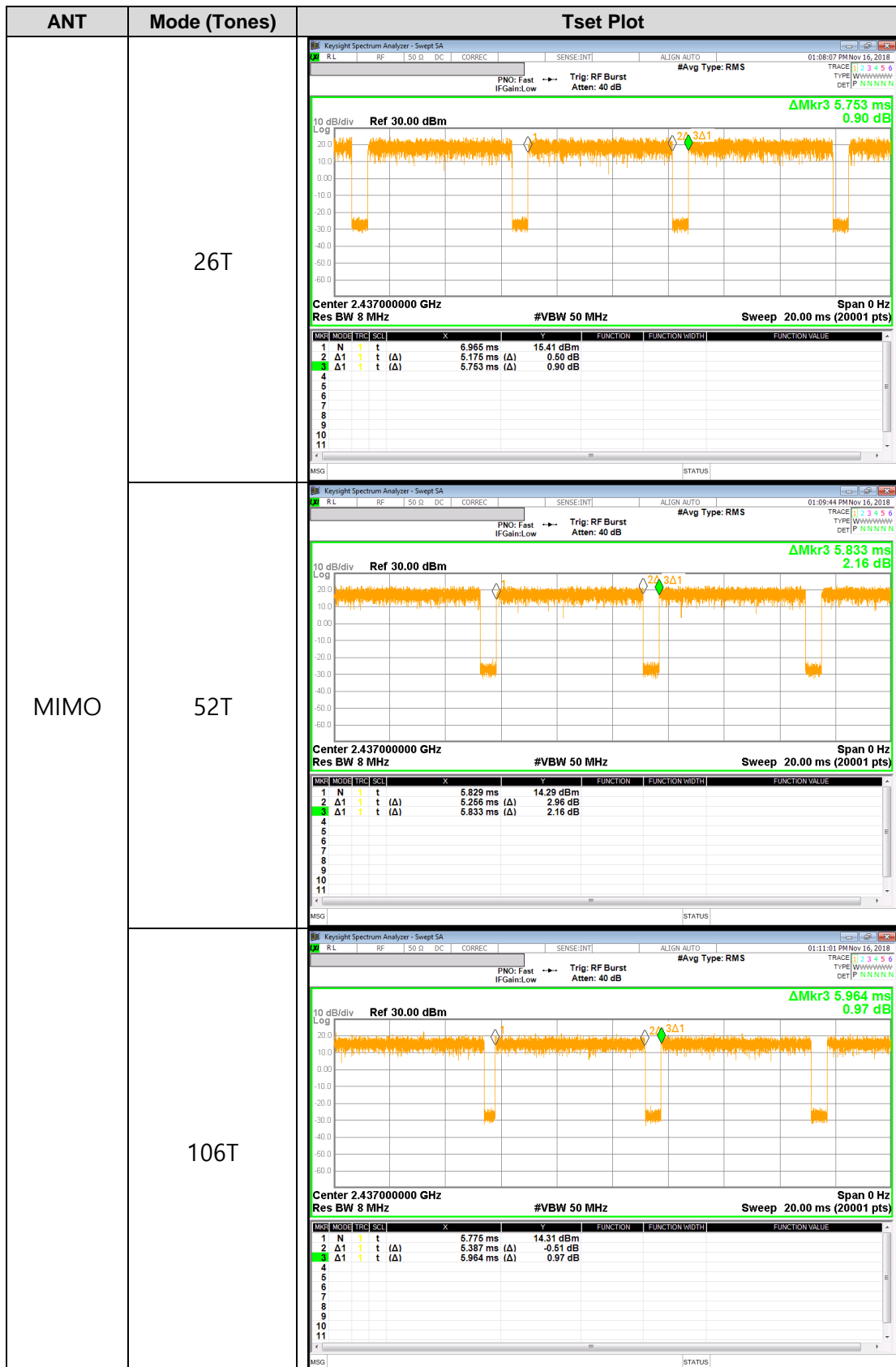
TABLE OF CONTENTS

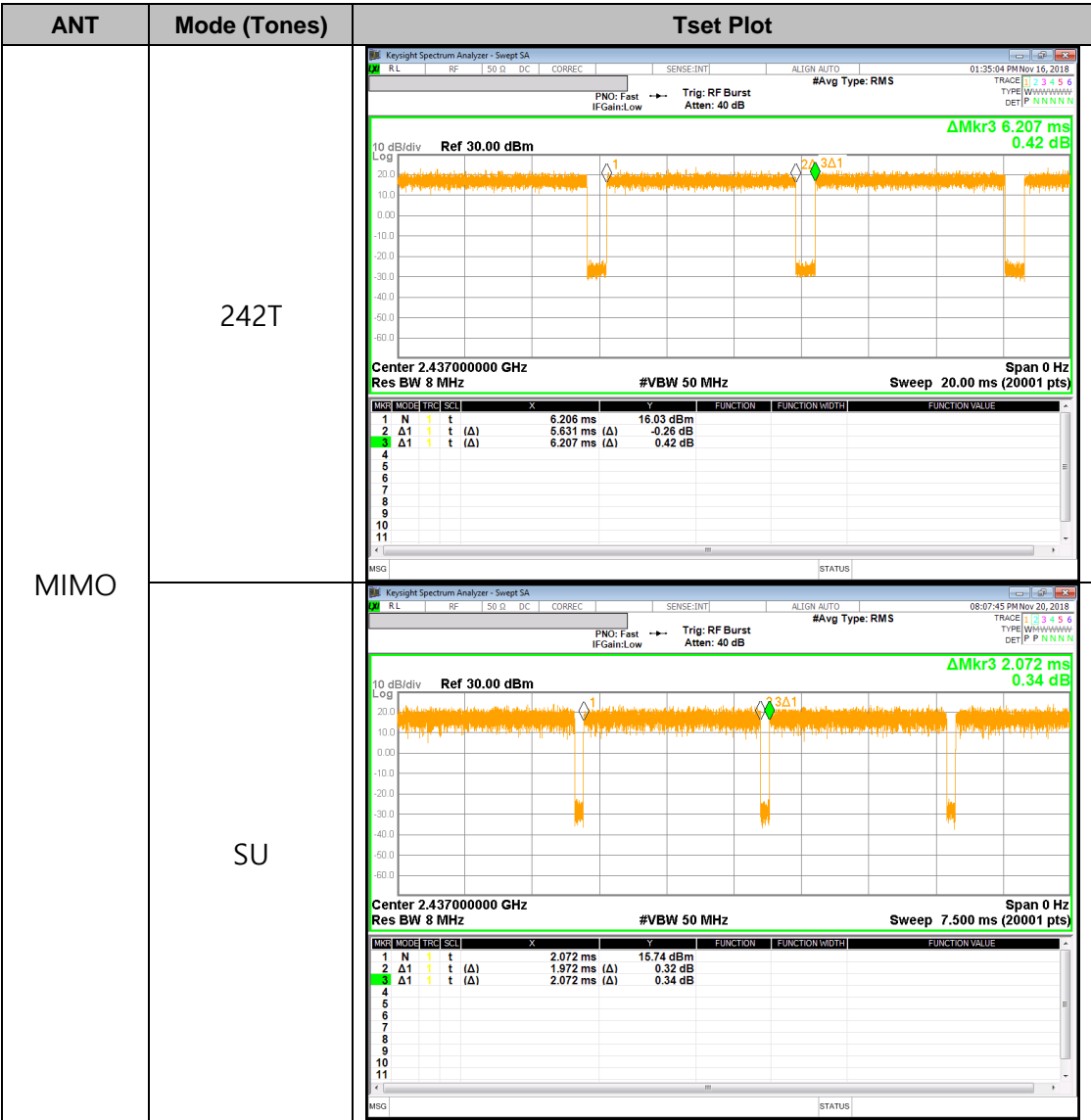
1. ON TIME AND DUTY CYCLE RESULTS.....	2
2. 6dB Bandwidth	6

1. ON TIME AND DUTY CYCLE RESULTS









2. 6dB Bandwidth

T/O: Tones / Offset

Ch	T/O	Antenna 1	Antenna 2
2412	26/0	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.202 MHz Total Power 20.1 dBm Transmit Freq Error -578.10 kHz OBW Power 99.00 % x dB Bandwidth 2.070 MHz x dB -6.00 dB</p>	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.214 MHz Total Power 19.9 dBm Transmit Freq Error -566.04 kHz OBW Power 99.00 % x dB Bandwidth 2.039 MHz x dB -6.00 dB</p>
2437	26/0	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.192 MHz Total Power 20.4 dBm Transmit Freq Error -590.57 kHz OBW Power 99.00 % x dB Bandwidth 2.045 MHz x dB -6.00 dB</p>	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.174 MHz Total Power 21.0 dBm Transmit Freq Error -614.05 kHz OBW Power 99.00 % x dB Bandwidth 2.073 MHz x dB -6.00 dB</p>
2457	26/0	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.45700000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.457 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.217 MHz Total Power 20.6 dBm Transmit Freq Error -582.94 kHz OBW Power 99.00 % x dB Bandwidth 2.078 MHz x dB -6.00 dB</p>	<p>Keyight Spectrum Analyzer - Occupied BW Center Freq: 2.45700000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 100/100 Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 2.457 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Occupied Bandwidth 18.248 MHz Total Power 20.5 dBm Transmit Freq Error -568.32 kHz OBW Power 99.00 % x dB Bandwidth 2.083 MHz x dB -6.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
2462	26/0	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 18.190 MHz Total Power 20.3 dBm Transmit Freq Error -601.61 kHz x dB Bandwidth 2.063 MHz OBW Power 99.00 % x dB -6.00 dB</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 18.197 MHz Total Power 20.9 dBm Transmit Freq Error -576.51 kHz x dB Bandwidth 2.076 MHz OBW Power 99.00 % x dB -6.00 dB</p>
2467	26/0	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.46700000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.467 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 18.182 MHz Total Power 11.7 dBm Transmit Freq Error -590.41 kHz x dB Bandwidth 2.002 MHz OBW Power 99.00 % x dB -6.00 dB</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.46700000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.467 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 18.152 MHz Total Power 12.2 dBm Transmit Freq Error -601.95 kHz x dB Bandwidth 2.077 MHz OBW Power 99.00 % x dB -6.00 dB</p>
2472	26/0	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.47200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.472 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 18.173 MHz Total Power 10.2 dBm Transmit Freq Error -605.69 kHz x dB Bandwidth 2.069 MHz OBW Power 99.00 % x dB -6.00 dB</p>	<p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.47200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 100/100 Radio Device: BTS</p> <p>Center 2.472 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 4 ms</p> <p>Ref 30.00 dBm</p> <p>Occupied Bandwidth 17.994 MHz Total Power 9.85 dBm Transmit Freq Error -698.12 kHz x dB Bandwidth 2.071 MHz OBW Power 99.00 % x dB -6.00 dB</p>