

**APPENDIX B: Output Power and PSD test plots**

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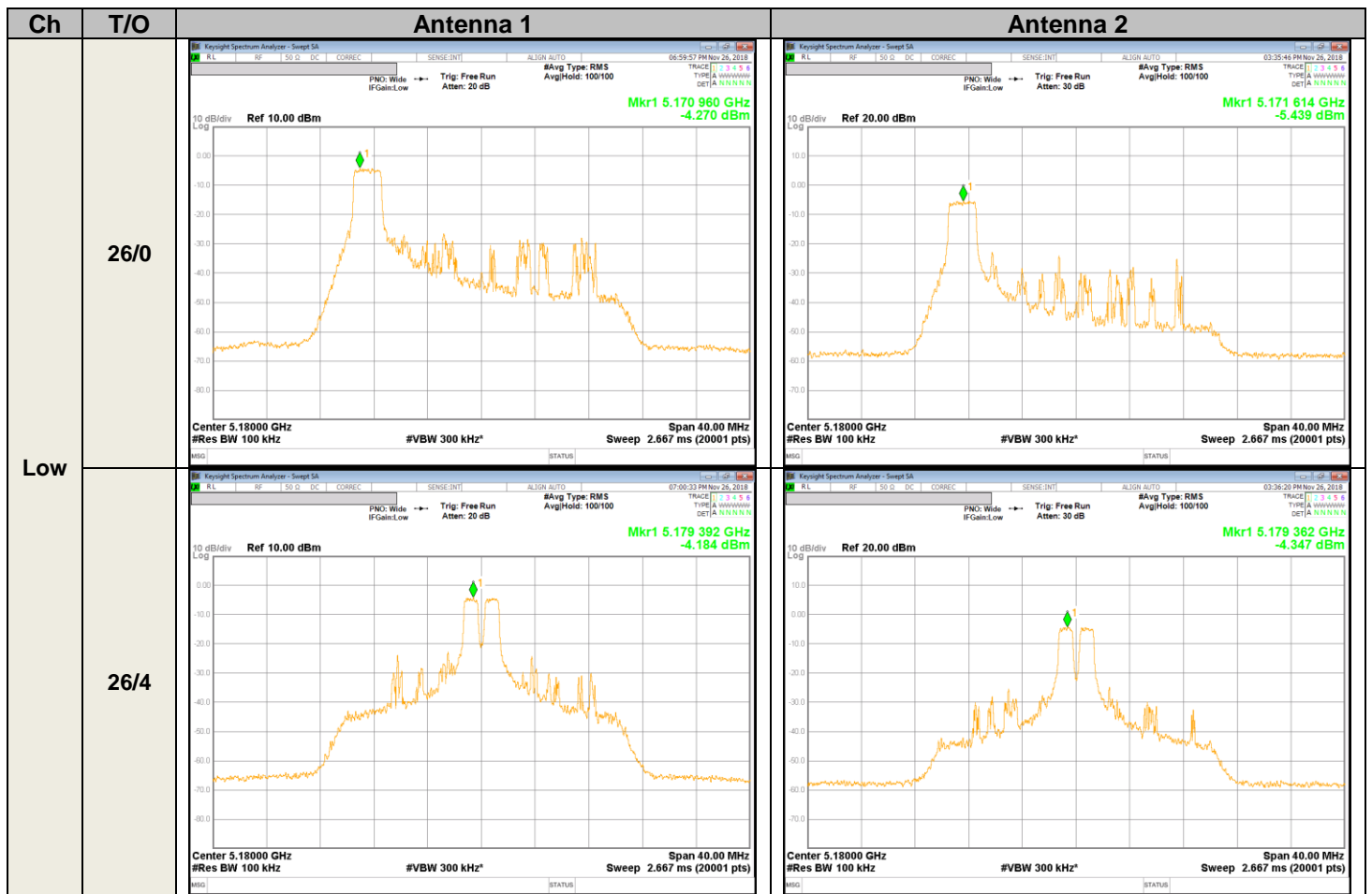
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# 1. PSD

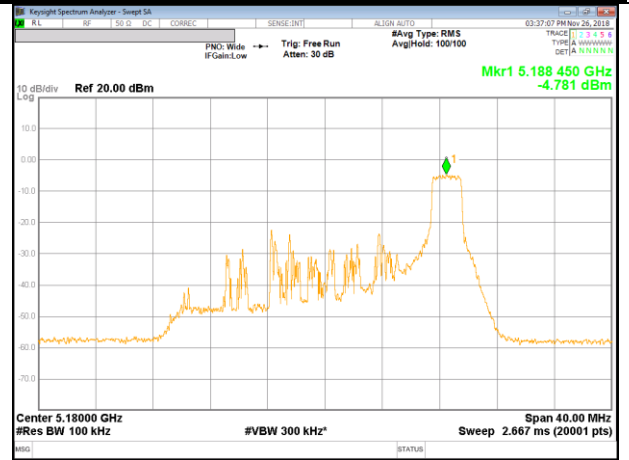
T/O: Tones / Offset

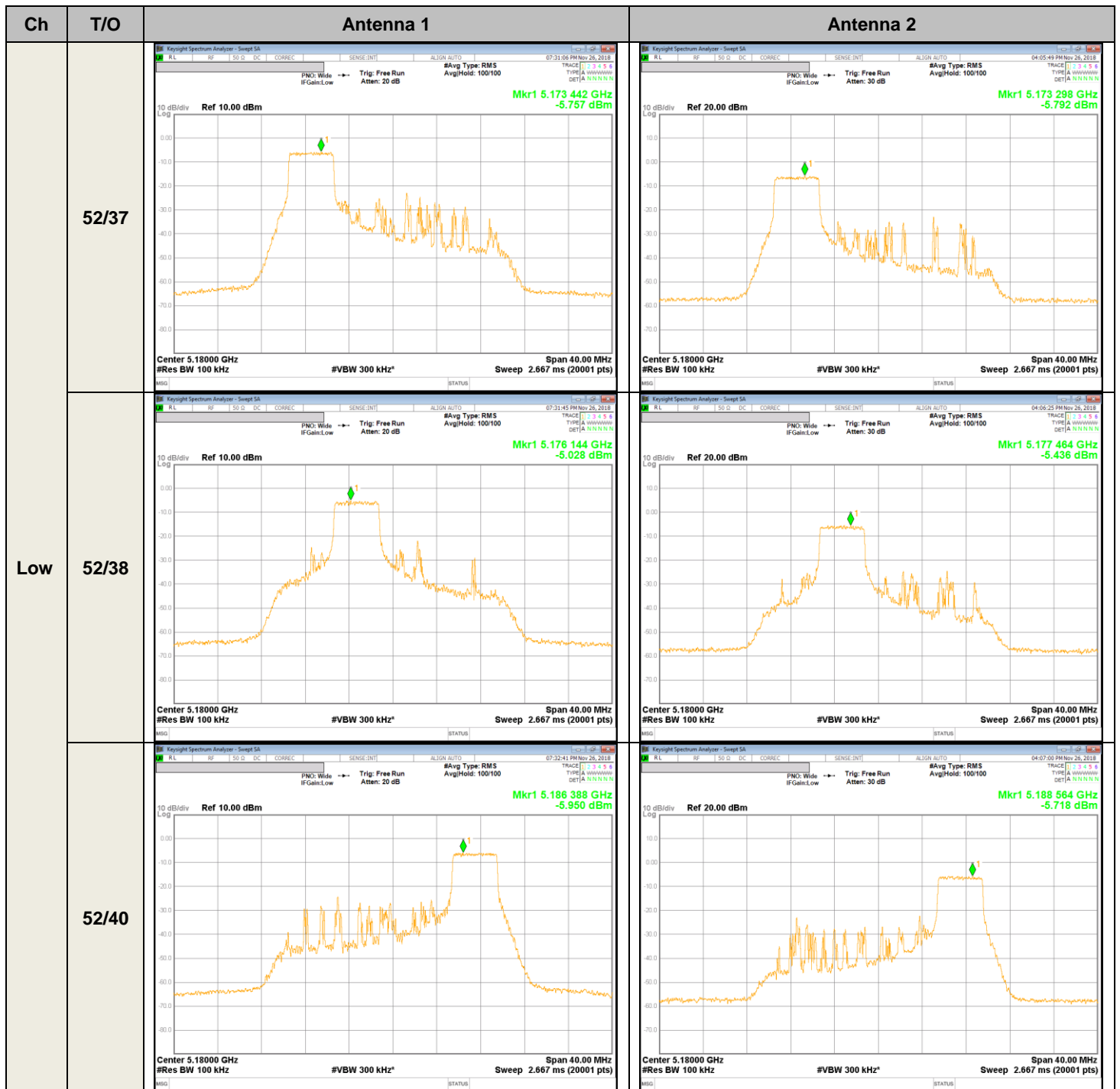
## 1.1. 1TX

### 1.1.1. HE20 IN THE 5.2 GHz BAND



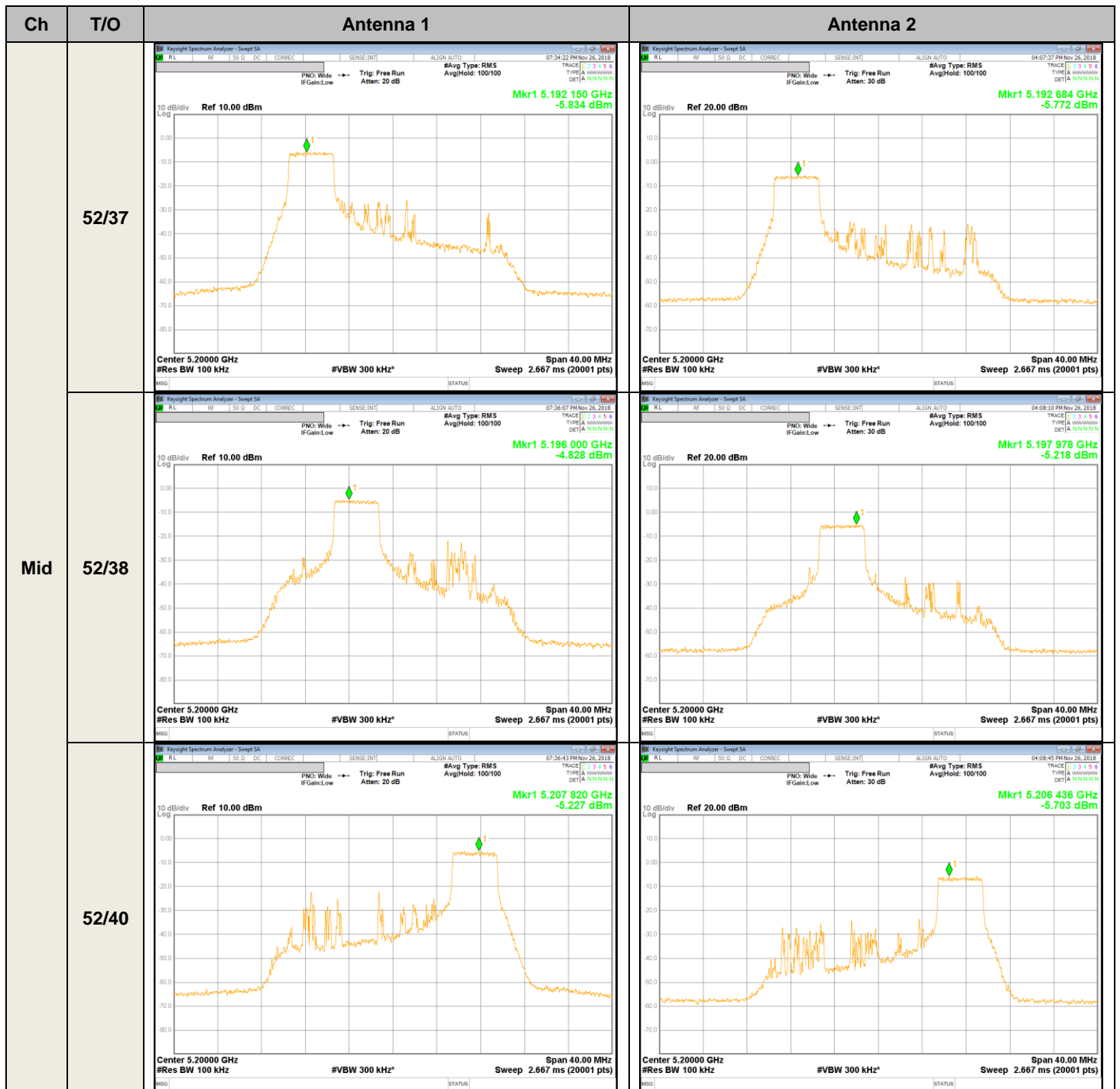
26/8

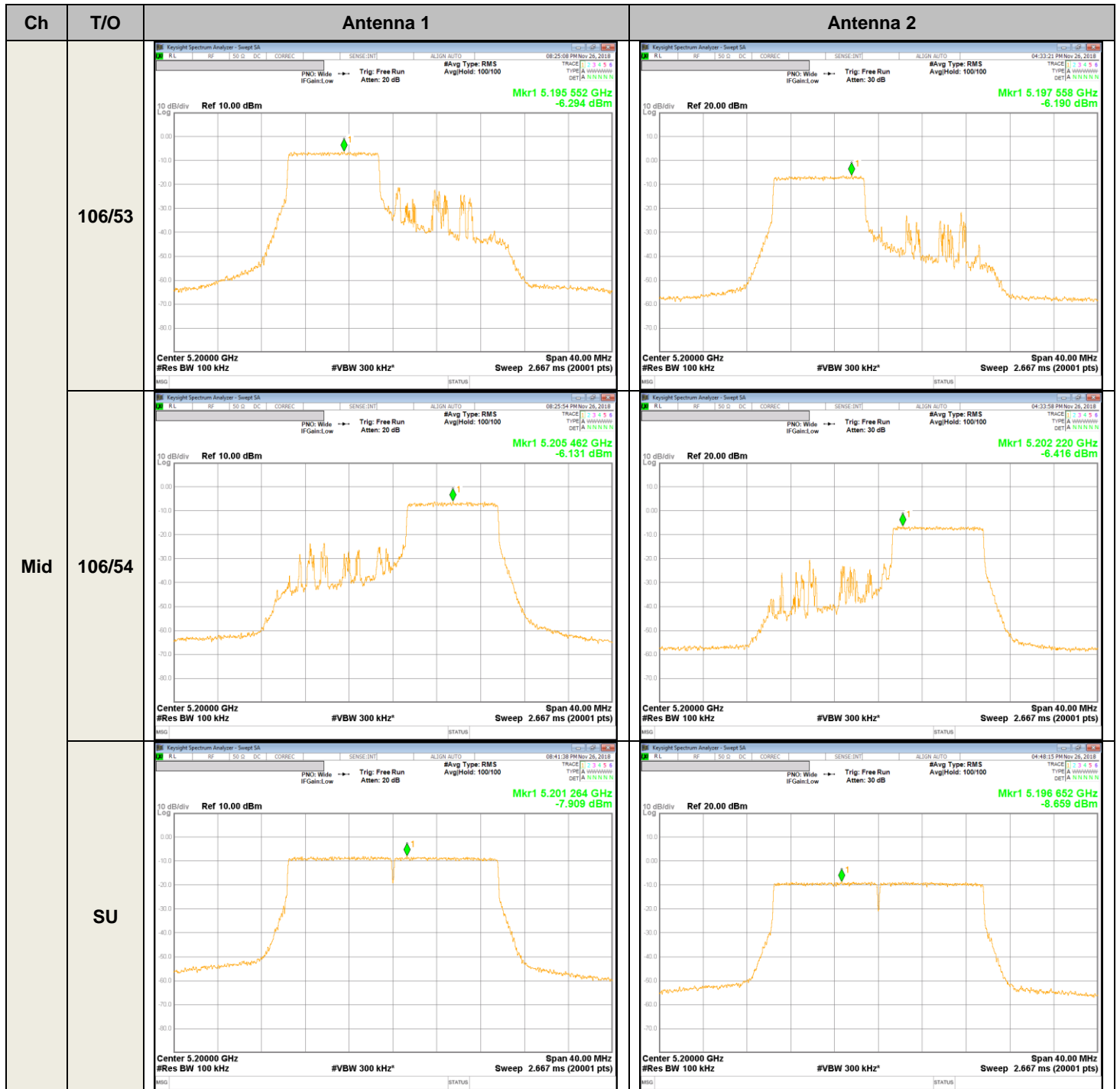




Ch	T/O	Antenna 1	Antenna 2
106/53			
Low	106/54		
	SU		

Ch	T/O	Antenna 1	Antenna 2
Mid	26/0	<p>KeySight Spectrum Analyzer - Swept SA                      07:01:47 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.190 998 GHz                      -4.427 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:37:51 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.191 176 GHz                      -4.079 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>
	26/4	<p>KeySight Spectrum Analyzer - Swept SA                      07:02:19 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.201 074 GHz                      -4.481 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:38:26 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.200 736 GHz                      -4.377 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>
	26/8	<p>KeySight Spectrum Analyzer - Swept SA                      07:02:54 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.209 284 GHz                      -4.892 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:39:02 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.207 608 GHz                      -4.778 dBm                      Center 5.20000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>

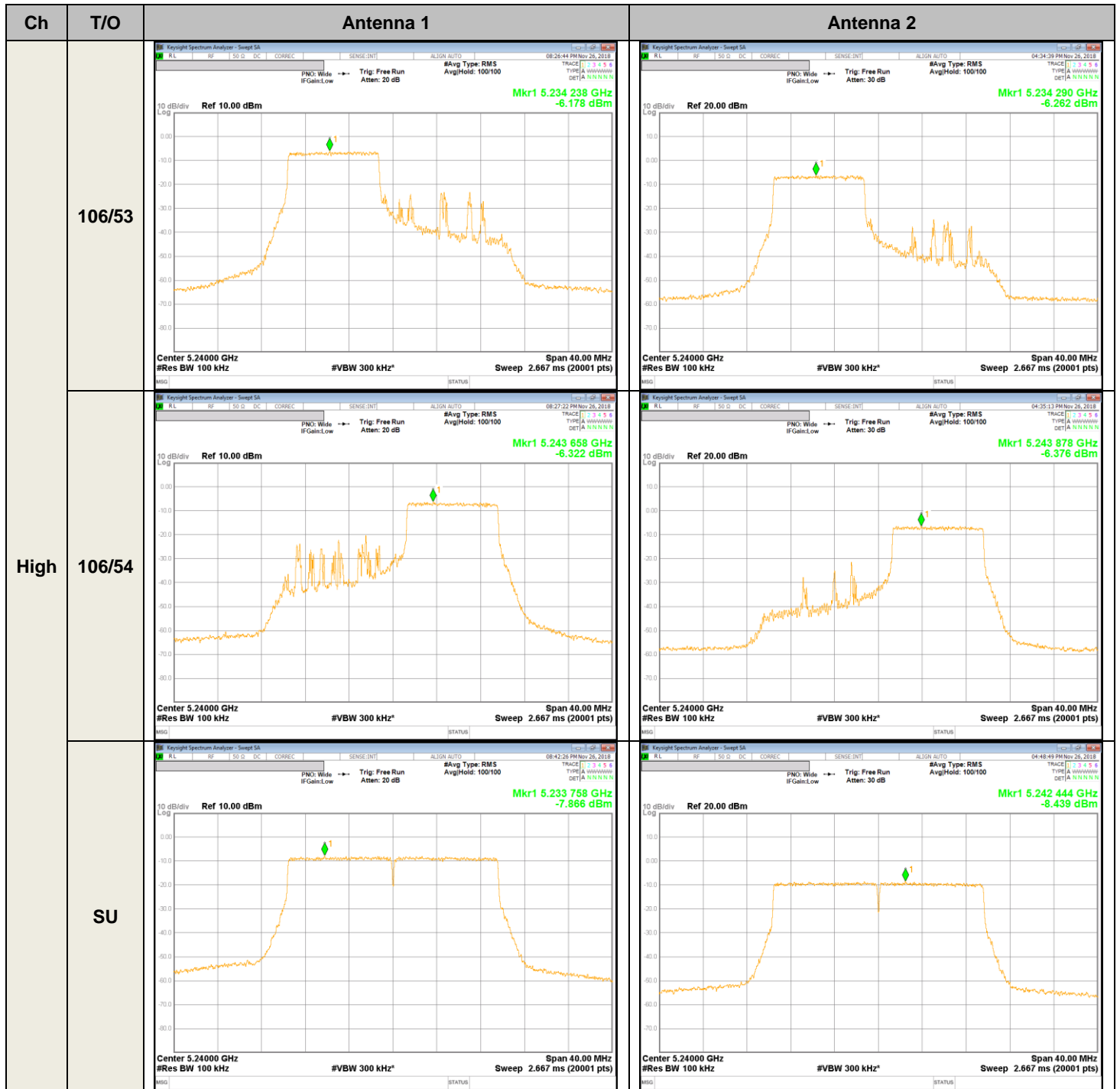






Ch	T/O	Antenna 1	Antenna 2
High	26/0	<p>KeySight Spectrum Analyzer - Swept SA                      07:03:38 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.232 128 GHz                      -4.961 dBm                      Ref 10.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:39:53 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.231 068 GHz                      -4.820 dBm                      Ref 20.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>
	26/4	<p>KeySight Spectrum Analyzer - Swept SA                      07:04:12 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.240 688 GHz                      -4.236 dBm                      Ref 10.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:40:28 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.240 628 GHz                      -4.699 dBm                      Ref 20.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>
	26/8	<p>KeySight Spectrum Analyzer - Swept SA                      07:04:47 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.247 932 GHz                      -5.280 dBm                      Ref 10.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:41:26 PM Nov 26, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.249 366 GHz                      -4.601 dBm                      Ref 20.00 dBm                      Center 5.24000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>

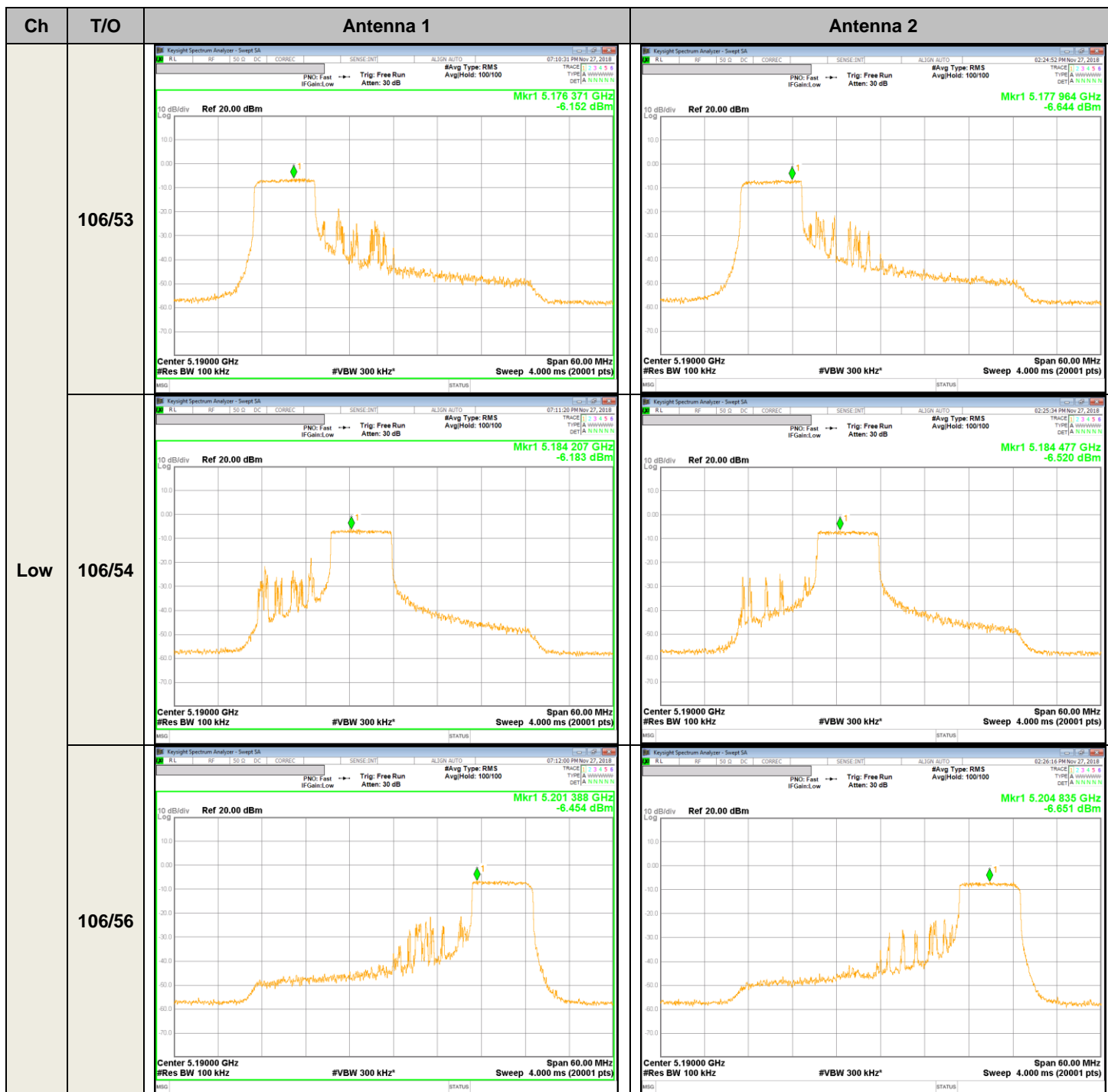
Ch	T/O	Antenna 1	Antenna 2
High	52/37	<p>KeySight Spectrum Analyzer - Swept SA                      07:27:43 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.233 472 GHz -5.352 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      04:09:25 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.234 450 GHz -6.028 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
	52/38	<p>KeySight Spectrum Analyzer - Swept SA                      07:41:29 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.235 382 GHz -4.992 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      04:10:00 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.235 580 GHz -5.339 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
	52/40	<p>KeySight Spectrum Analyzer - Swept SA                      07:42:09 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.248 600 GHz -5.690 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      04:10:34 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.247 816 GHz -5.759 dBm                      Center 5.24000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>

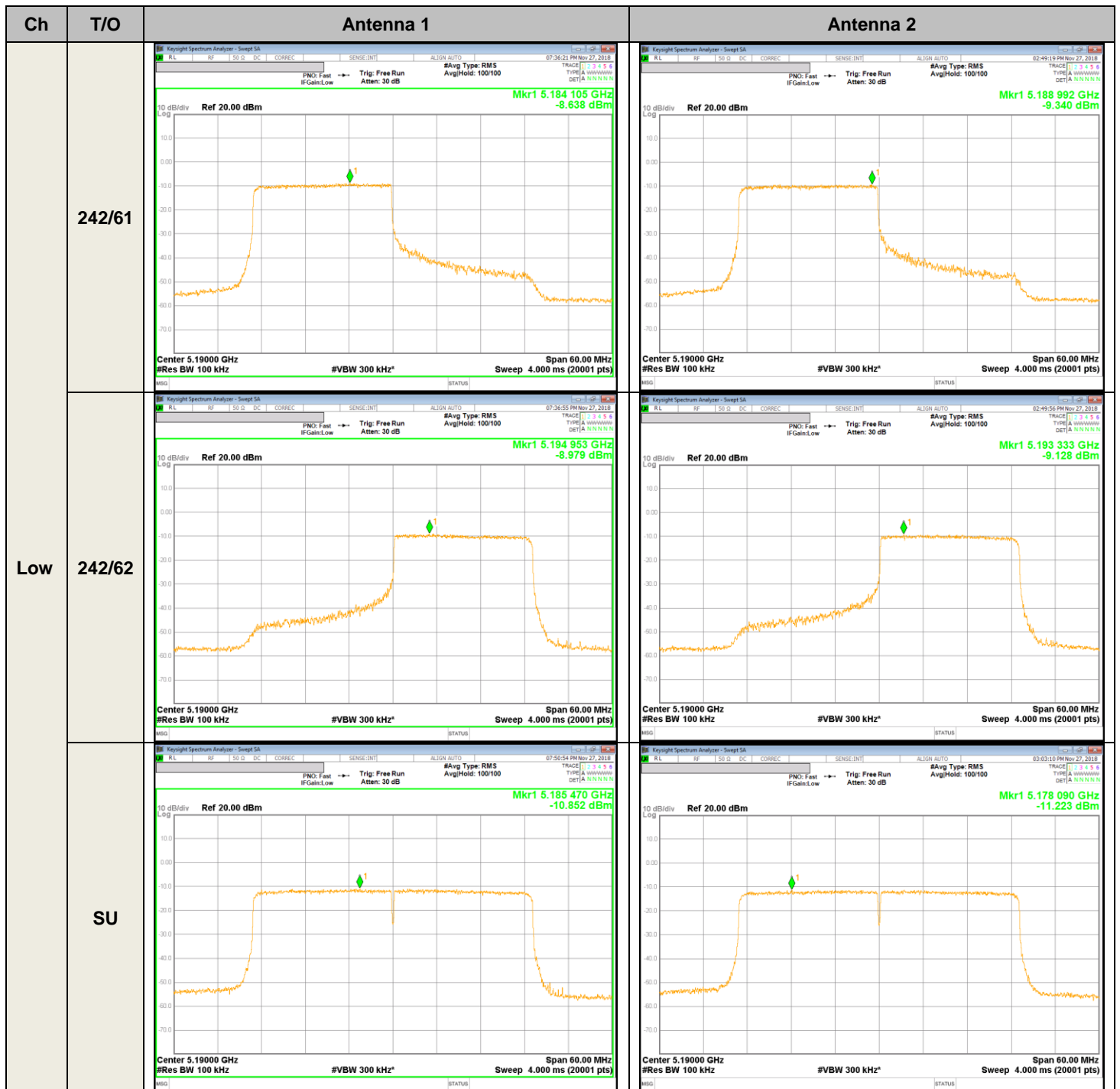


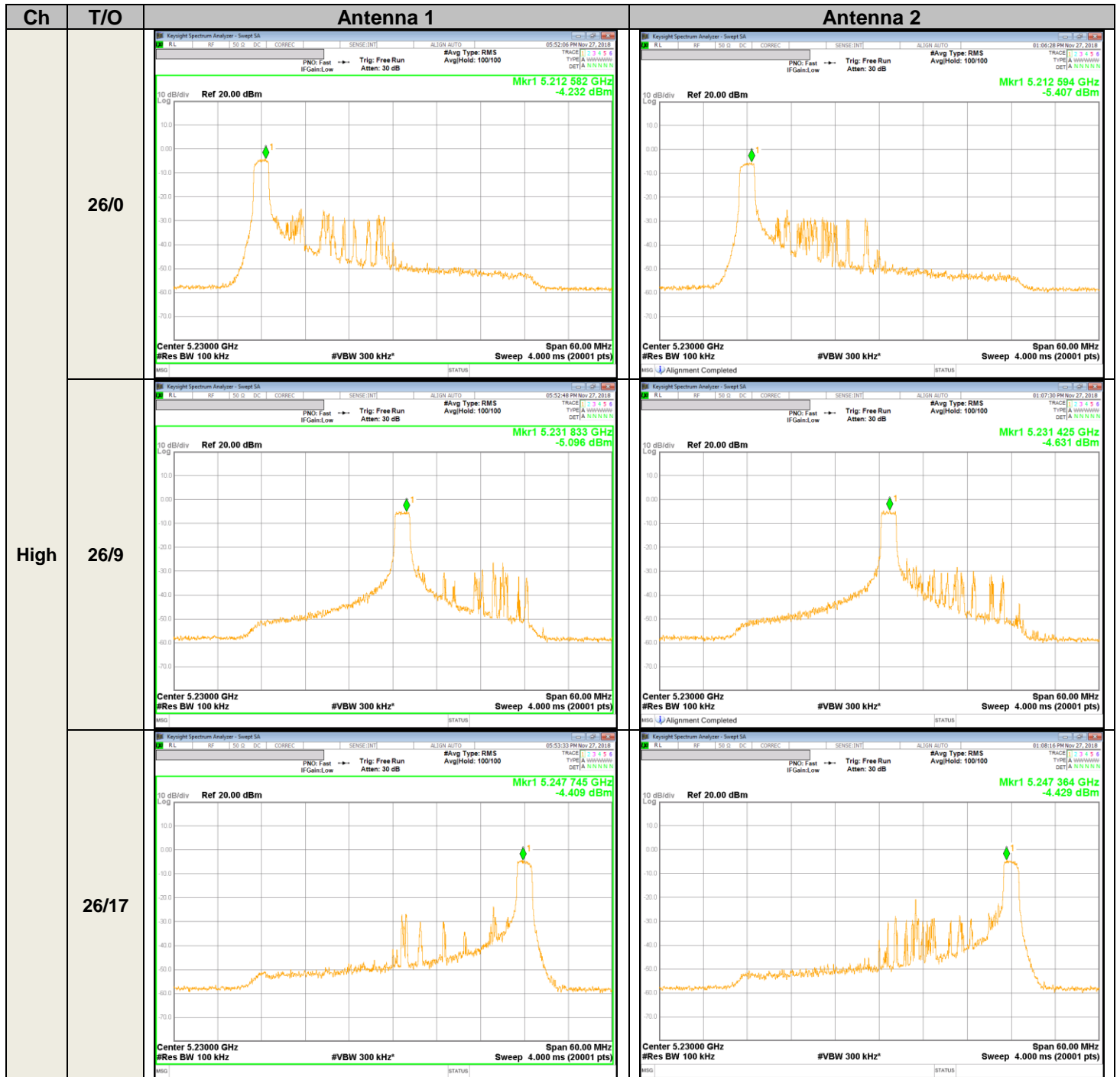
1.1.2. HE40 IN THE 5.2 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
Low	26/0	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.172 468 GHz                      -4.732 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.171 763 GHz                      -5.030 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>
	26/9	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.192 013 GHz                      -4.524 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.190 537 GHz                      -4.605 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>
	26/17	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.207 790 GHz                      -4.513 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.207 904 GHz                      -4.219 dBm                      Center 5.19000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 60.00 MHz                      Sweep 4.000 ms (20001 pts)</p>

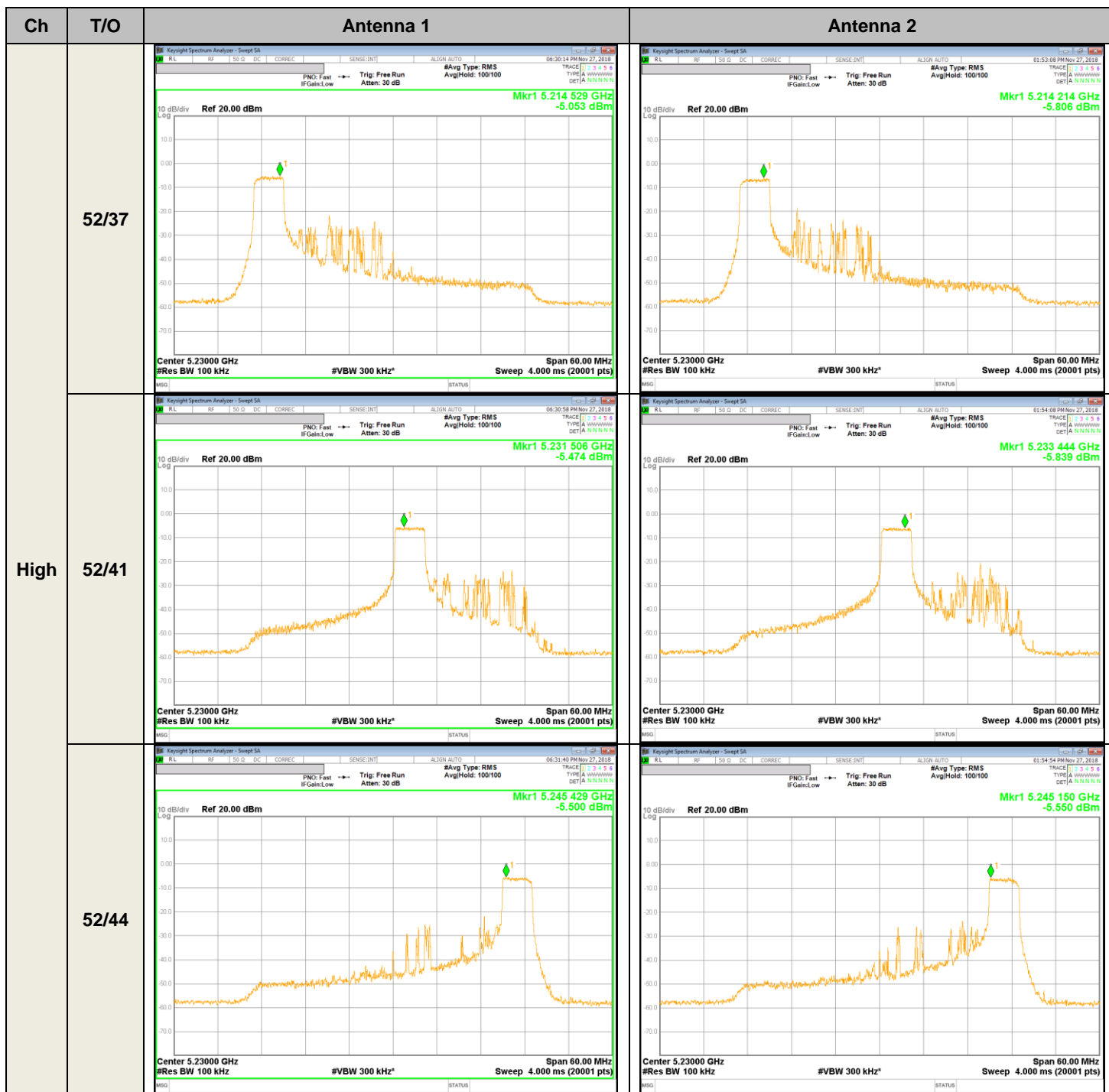
Ch	T/O	Antenna 1	Antenna 2
Low	52/37	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.174751 GHz                  -5.149 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.172312 GHz                  -5.403 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>
	52/41	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.193093 GHz                  -5.684 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.190582 GHz                  -5.166 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>
	52/44	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.205483 GHz                  -5.622 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>	<p>KeySight Spectrum Analyzer - Swept SA                  #Avg Type: RMS                  AvgHold: 100/100                  Mkr1 5.206029 GHz                  -5.642 dBm                  Center 5.19000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)                  Span 60.00 MHz</p>

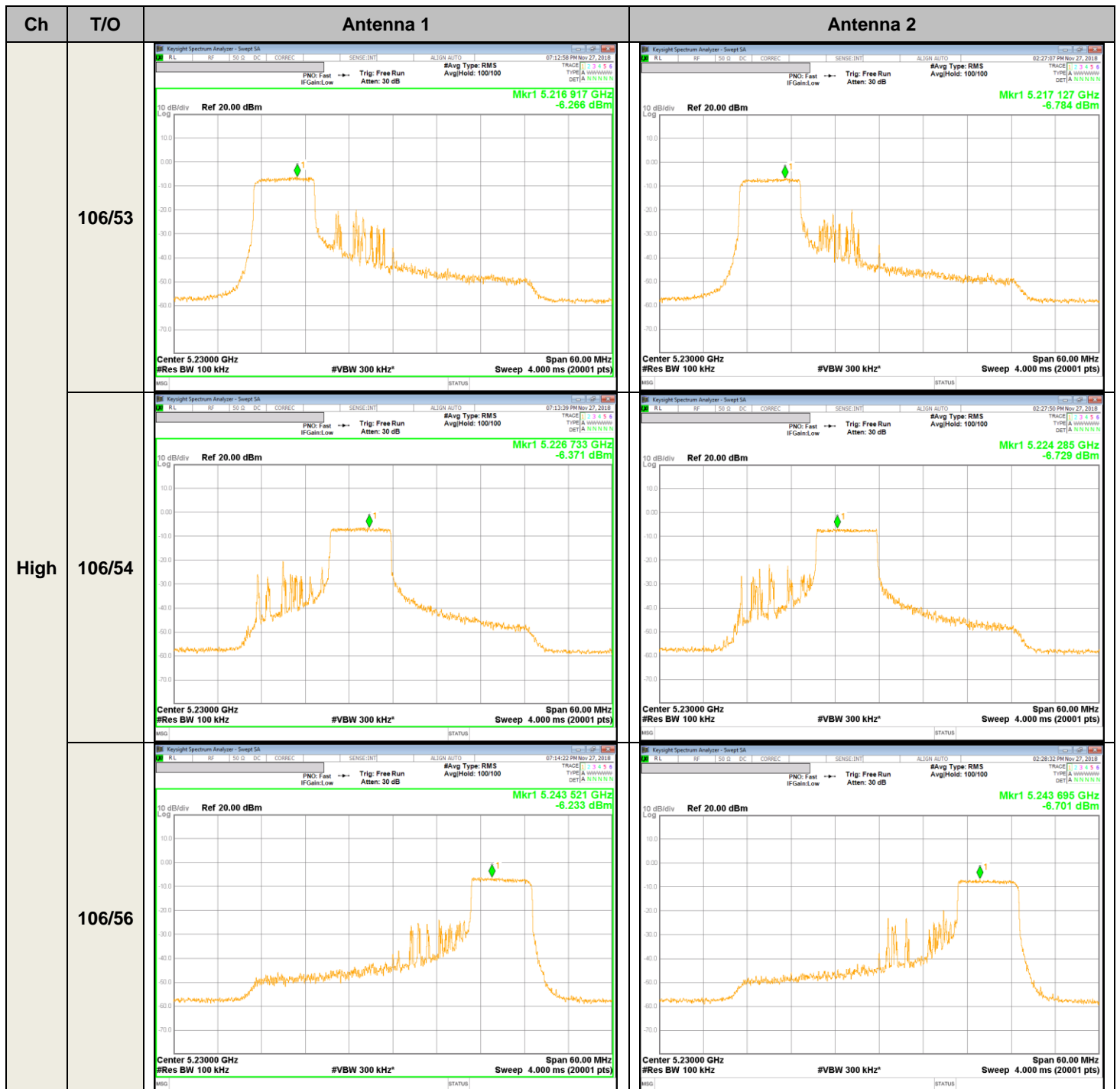


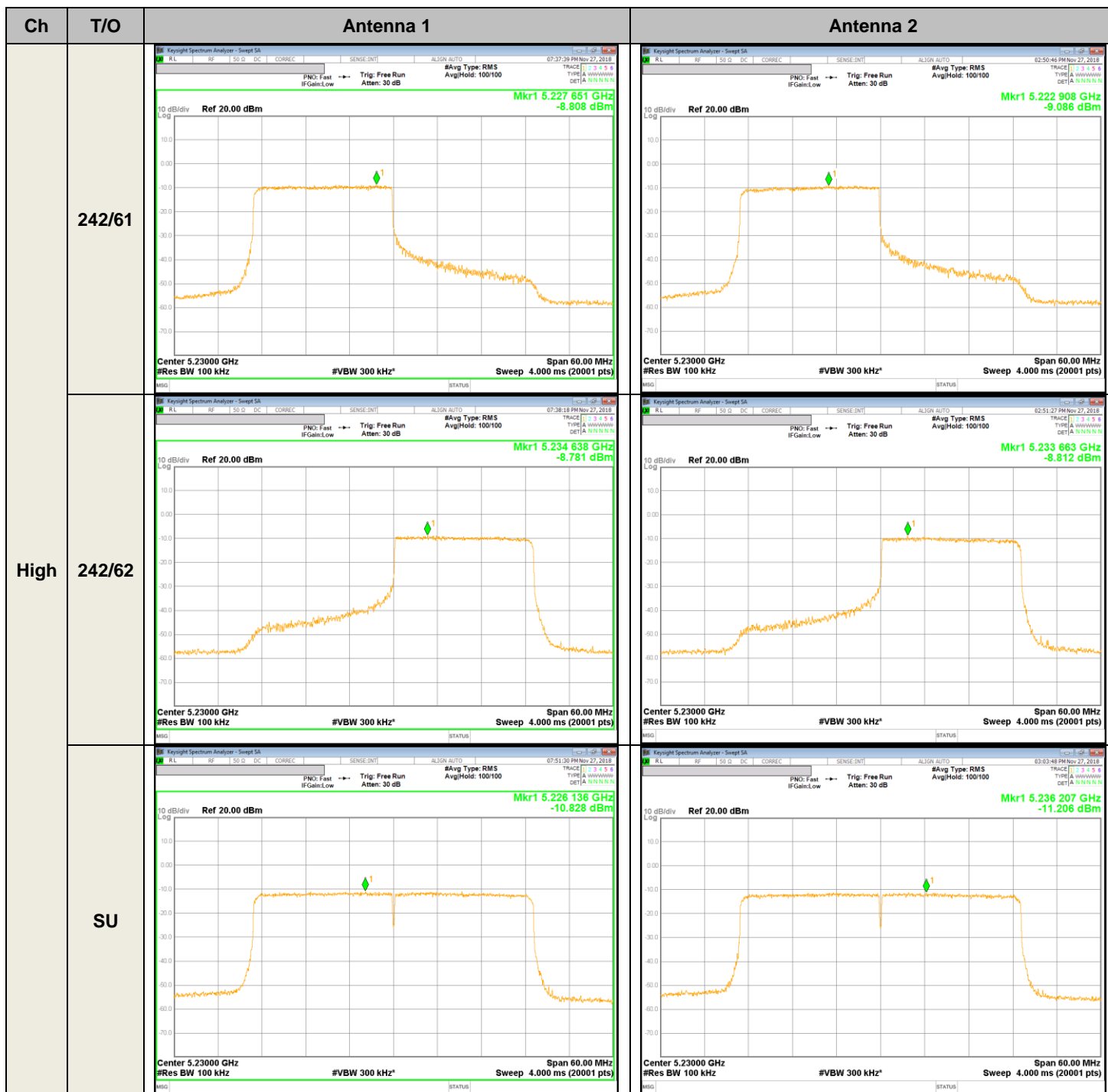












1.1.3. HE80 IN THE 5.2 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
Mid	26/0	<p>Keyight Spectrum Analyzer - Swept SA                      04:34:38 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.172 542 GHz                      -4.189 dBm                      Ref 10.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>Keyight Spectrum Analyzer - Swept SA                      12:53:18 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.172 548 GHz                      -5.165 dBm                      Ref 20.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>
	26/18	<p>Keyight Spectrum Analyzer - Swept SA                      04:35:24 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.209 040 GHz                      -4.475 dBm                      Ref 10.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>Keyight Spectrum Analyzer - Swept SA                      12:54:23 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.211 104 GHz                      -5.363 dBm                      Ref 20.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>
	26/36	<p>Keyight Spectrum Analyzer - Swept SA                      04:36:17 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.247 794 GHz                      -4.556 dBm                      Ref 10.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>Keyight Spectrum Analyzer - Swept SA                      12:55:14 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.247 272 GHz                      -5.091 dBm                      Ref 20.00 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>