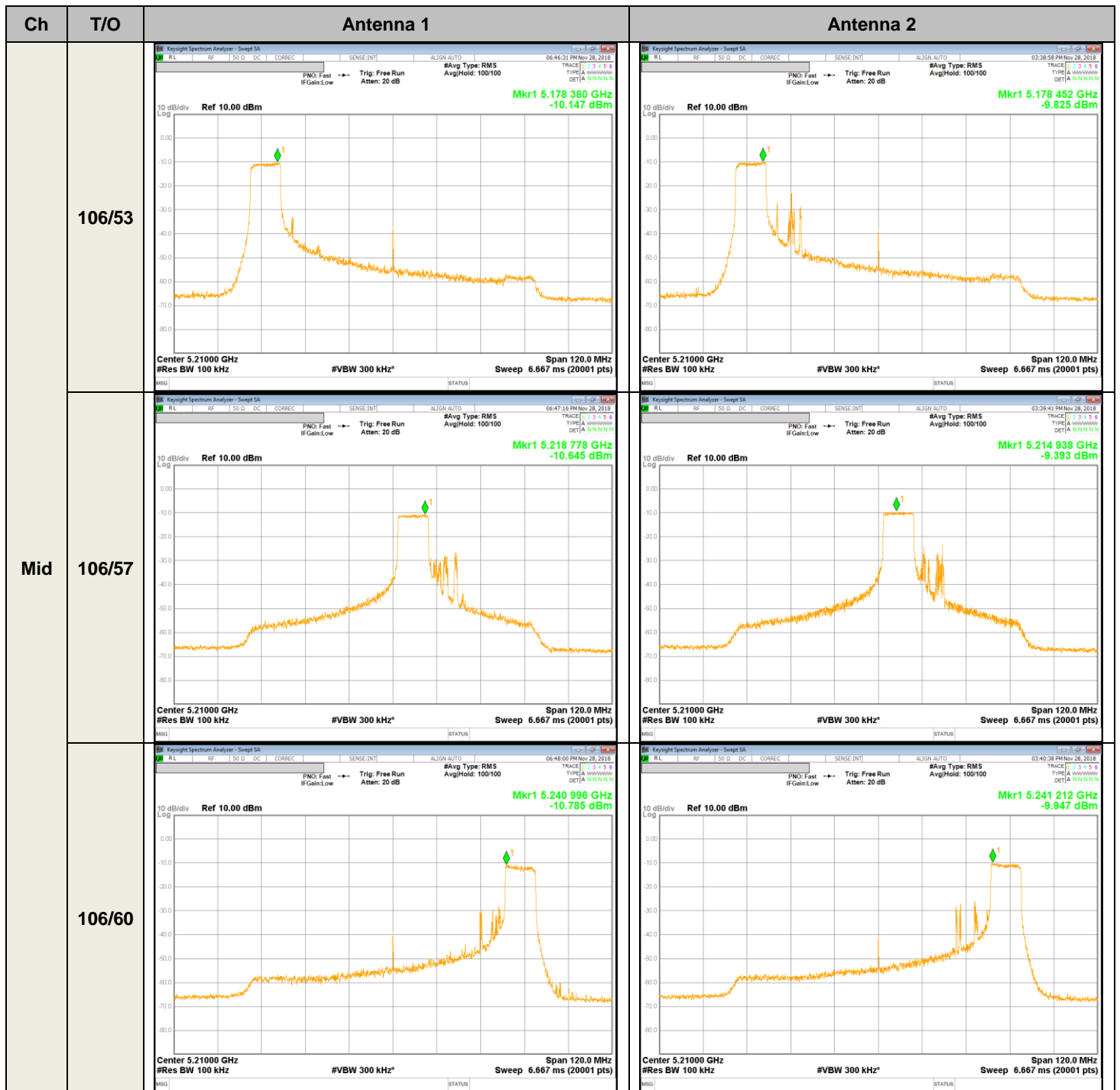


1.2.3. HE80 IN THE 5.2 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
Mid	26/0	<p>Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>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>Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>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>Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>

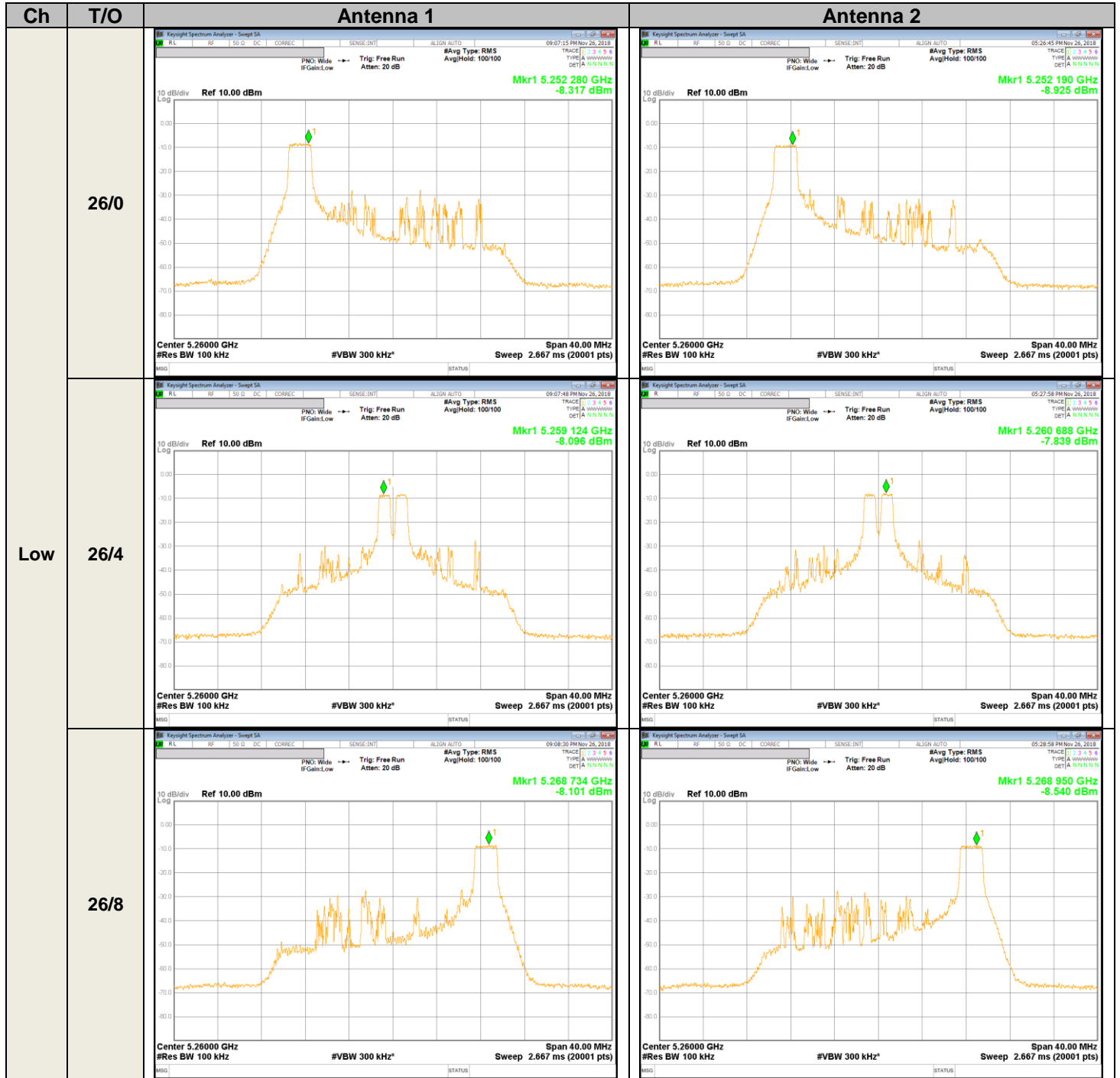
Ch	T/O	Antenna 1	Antenna 2
Mid	52/37	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>
	52/45	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>
	52/52	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Span 120.0 MHz                  Sweep 6.667 ms (20001 pts)</p>

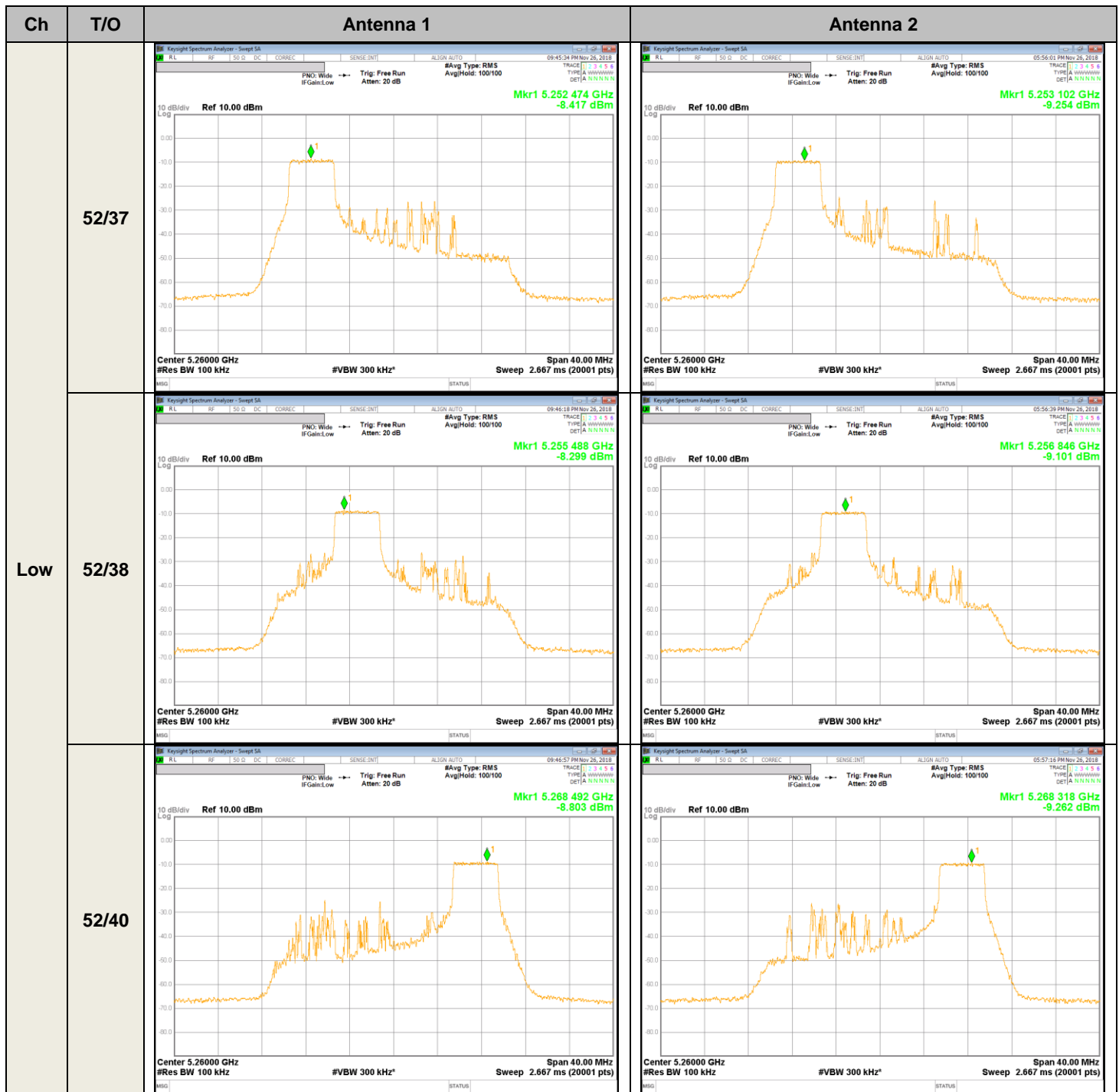


Ch	T/O	Antenna 1	Antenna 2
242/61	Mid	<p>KeySight Spectrum Analyzer - Swept SA                      07:00:33 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.180 378 GHz                      -13.810 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:52:36 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.182 316 GHz                      -13.446 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>
		<p>KeySight Spectrum Analyzer - Swept SA                      07:01:13 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.199 908 GHz                      -13.401 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:54:24 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.204 030 GHz                      -13.014 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>
		<p>KeySight Spectrum Analyzer - Swept SA                      07:01:53 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.231 048 GHz                      -13.734 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      03:55:08 PM Nov 28, 2018                      #Avg Type: RMS                      Avg/Hold: 100/100                      Mkr1 5.230 622 GHz                      -13.078 dBm                      Center 5.21000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 120.0 MHz                      Sweep 6.667 ms (20001 pts)</p>


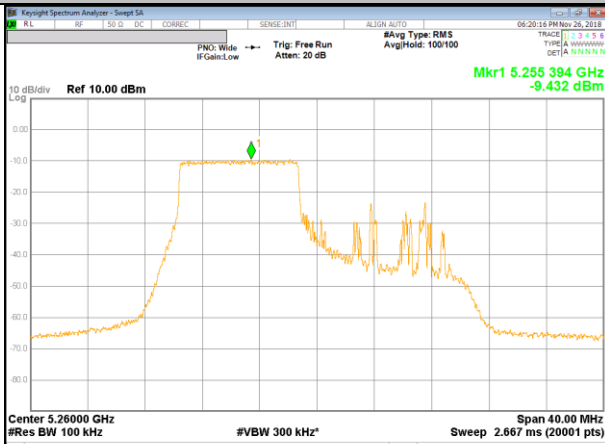


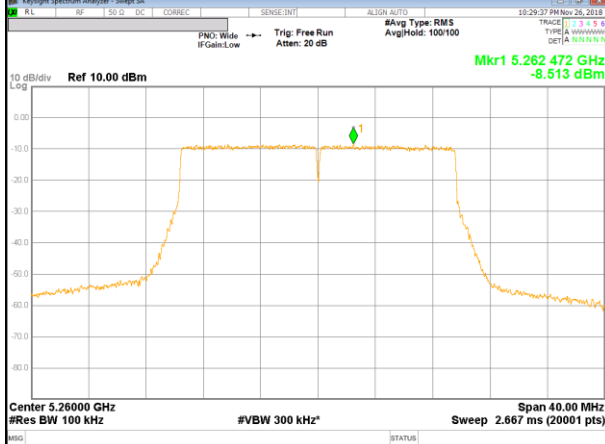
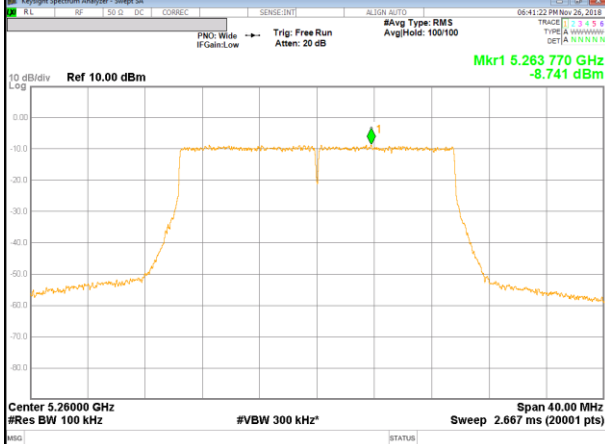
Ch	T/O	Antenna 1	Antenna 2
484/65		<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>	<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>
Mid	484/66	<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>	<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>
	SU	<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>	<p>Center 5.21000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz                  Sweep 6.667 ms (20001 pts)</p>

1.2.4. HE20 IN THE 5.3 GHz BAND



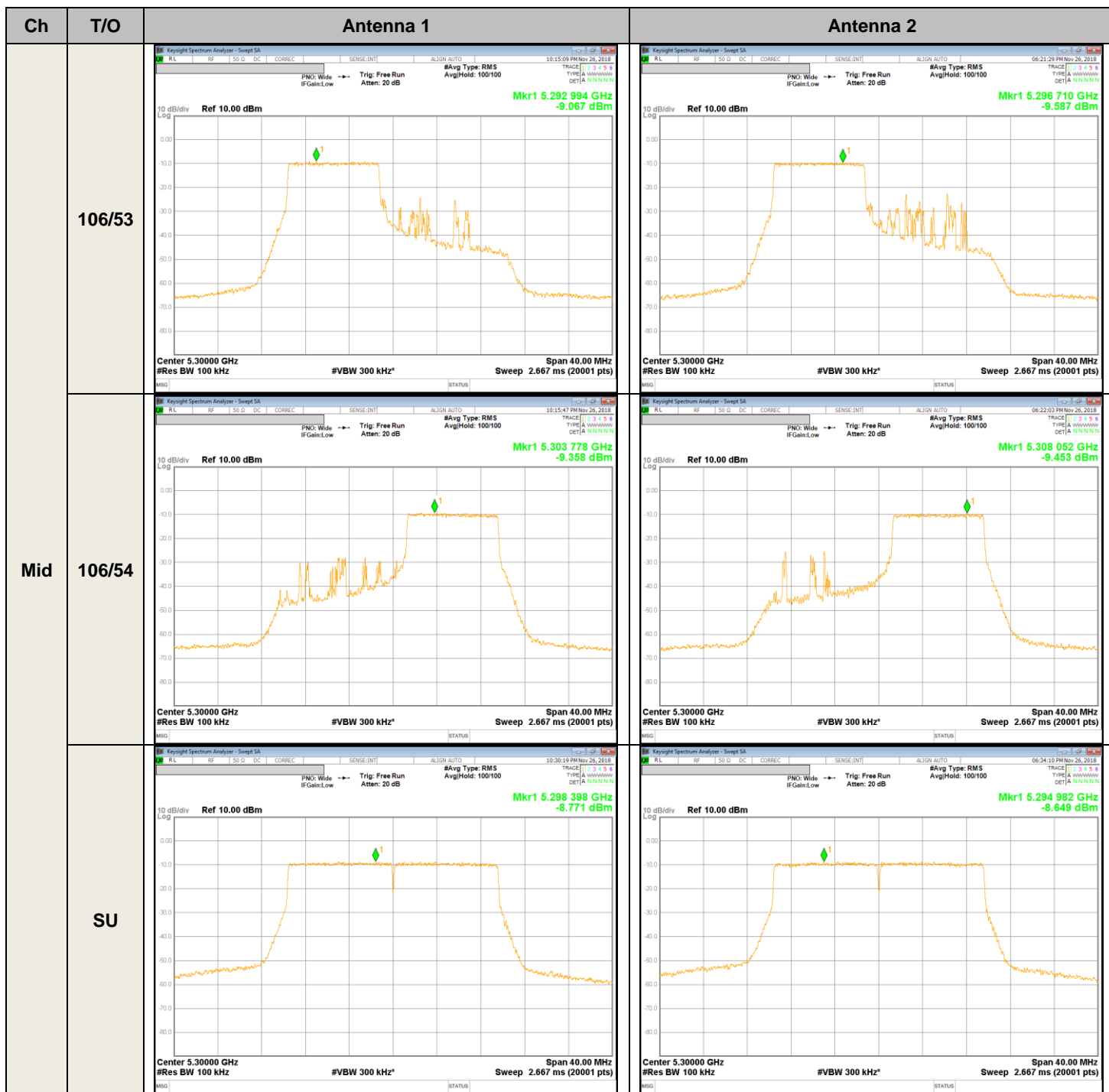




Ch	T/O	Antenna 1	Antenna 2
106/53		 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.258 582 GHz -9.700 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.255 394 GHz -9.432 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
Low	106/54	 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.261 716 GHz -9.741 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.263 502 GHz -9.625 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
	SU	 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.262 472 GHz -8.513 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	 <p>Key: Keysight Spectrum Analyzer - Swept SA              PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100              Mkr1 5.263 770 GHz -8.741 dBm              Center 5.26000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>

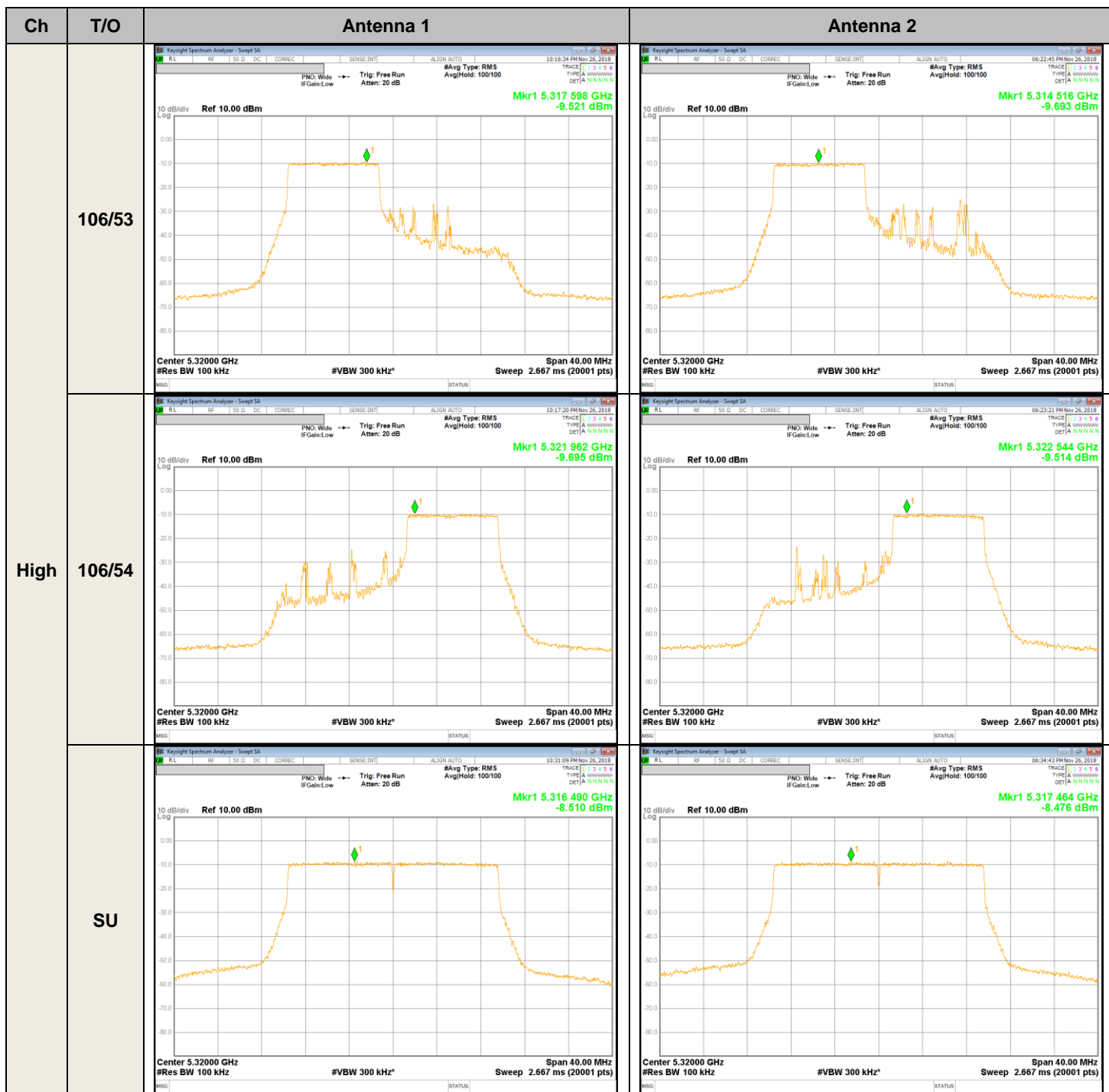
Ch	T/O	Antenna 1	Antenna 2
Mid	26/0	<p>KeySight Spectrum Analyzer - Swept SA                      09:09:13 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.292 050 GHz                      -7.829 dBm                      Center 5.30000 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                      09:29:53 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.291 706 GHz                      -8.031 dBm                      Center 5.30000 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                      09:09:46 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.299 352 GHz                      -8.031 dBm                      Center 5.30000 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                      09:30:29 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.301 096 GHz                      -8.221 dBm                      Center 5.30000 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                      09:10:23 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.307 798 GHz                      -8.308 dBm                      Center 5.30000 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                      09:31:05 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.309 102 GHz                      -8.028 dBm                      Center 5.30000 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
Mid	52/37	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.291362 GHz -8.567 dBm                  Center 5.30000 GHz #Res BW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.292936 GHz -9.084 dBm                  Center 5.30000 GHz #Res BW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
	52/38	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.295912 GHz -8.517 dBm                  Center 5.30000 GHz #Res BW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.297898 GHz -8.759 dBm                  Center 5.30000 GHz #Res BW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>
	52/40	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.306816 GHz -8.763 dBm                  Center 5.30000 GHz #Res BW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                  PNO: Wide IF Gain: Low Trig: Free Run Atten: 20 dB #Avg Type: RMS Avg/Hold: 100/100                  Mkr1 5.306098 GHz -8.677 dBm                  Center 5.30000 GHz #Res BW 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                      09:11:03 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.311742 GHz                      -7.956 dBm                      Center 5.32000 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                      05:31:53 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.312032 GHz                      -8.108 dBm                      Center 5.32000 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                      09:11:39 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.320940 GHz                      -7.398 dBm                      Center 5.32000 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                      05:32:47 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.319104 GHz                      -8.037 dBm                      Center 5.32000 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                      09:12:14 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.327854 GHz                      -7.890 dBm                      Center 5.32000 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                      05:33:28 PM Nov 26, 2018                      #Avg Type: RMS                      AvgHold: 100/100                      Mkr1 5.328292 GHz                      -8.350 dBm                      Center 5.32000 GHz                      #Res BW 100 kHz                      #VBW 300 kHz*                      Span 40.00 MHz                      Sweep 2.667 ms (20001 pts)</p>

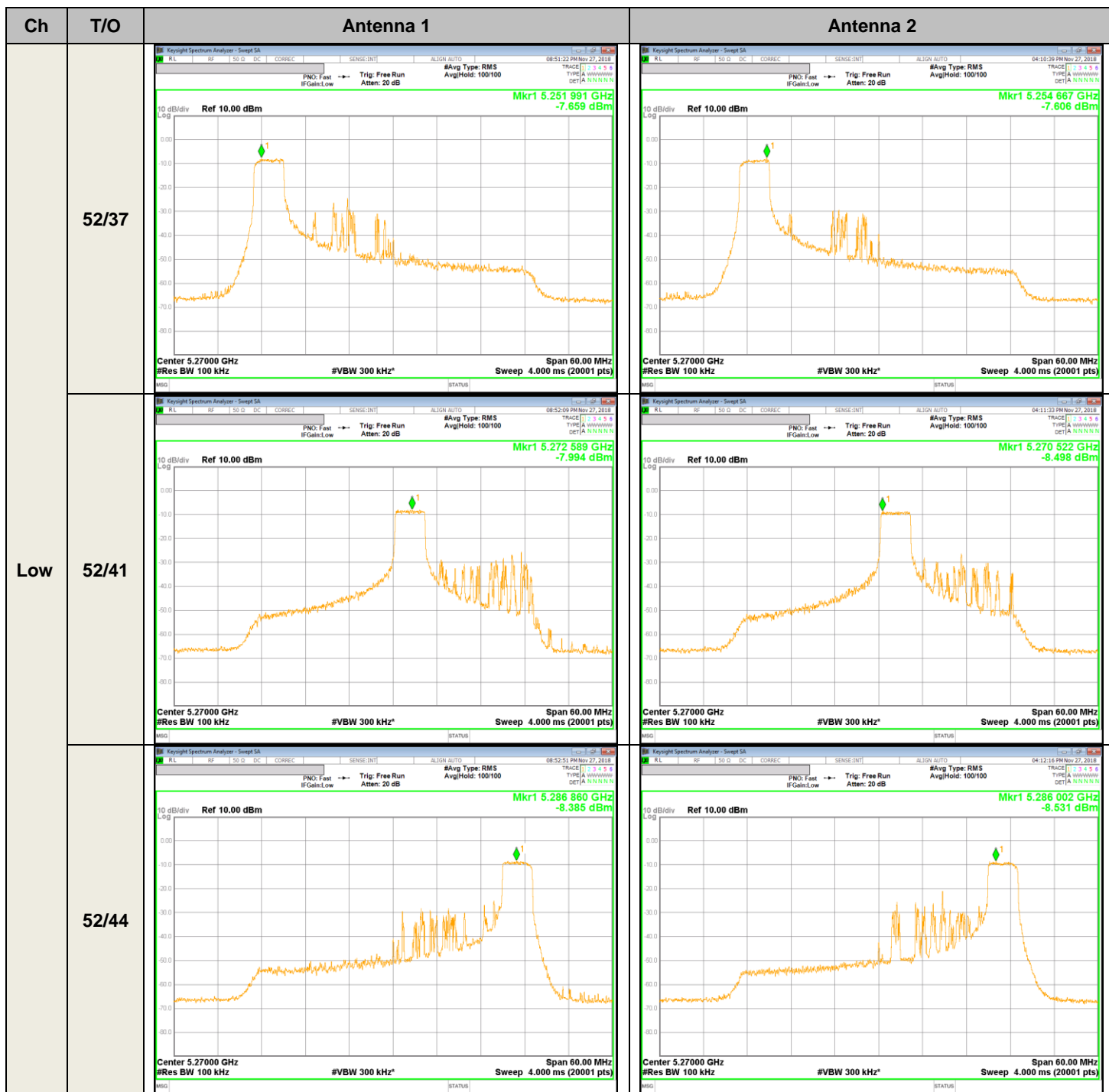
Ch	T/O	Antenna 1	Antenna 2
High	52/37	<p>KeySight Spectrum Analyzer - Swept SA                      09:50:13 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.311 332 GHz -8.348 dBm                      Center 5.32000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>	<p>KeySight Spectrum Analyzer - Swept SA                      09:59:53 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.313 706 GHz -8.846 dBm                      Center 5.32000 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                      09:50:55 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.316 390 GHz -8.562 dBm                      Center 5.32000 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                      06:00:31 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.315 996 GHz -8.846 dBm                      Center 5.32000 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                      09:51:38 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.326 664 GHz -8.579 dBm                      Center 5.32000 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                      06:01:07 PM Nov 26, 2018                      #Avg Type: RMS Avg/Hold: 100/100                      Mkr1 5.327 226 GHz -8.764 dBm                      Center 5.32000 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 2.667 ms (20001 pts)</p>

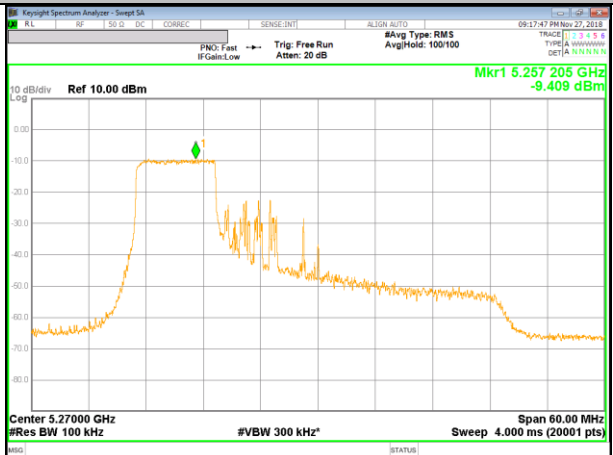
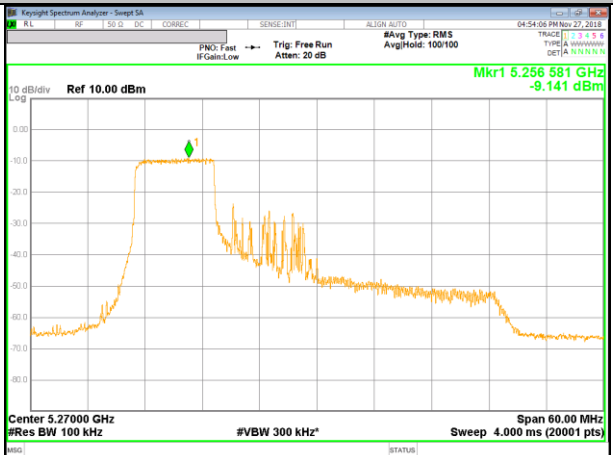
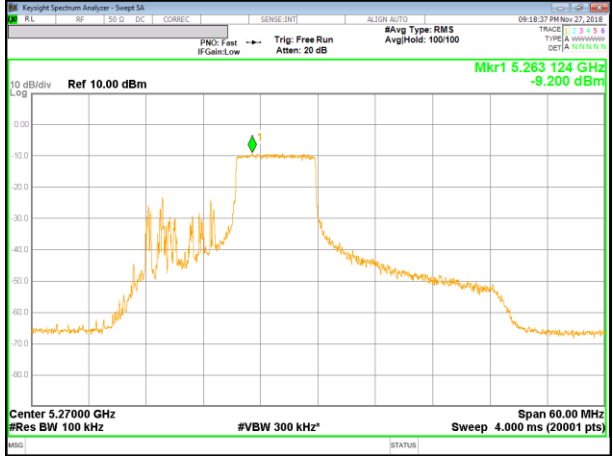

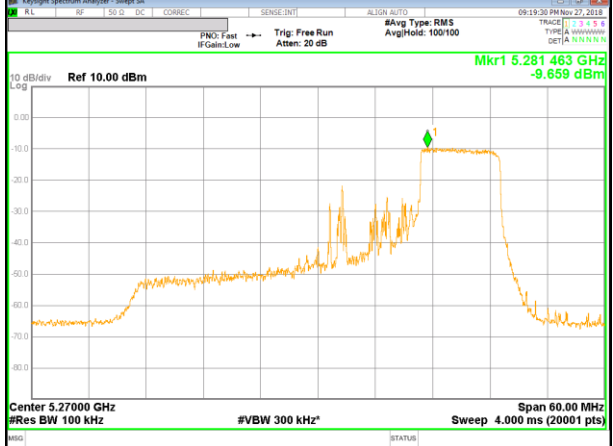
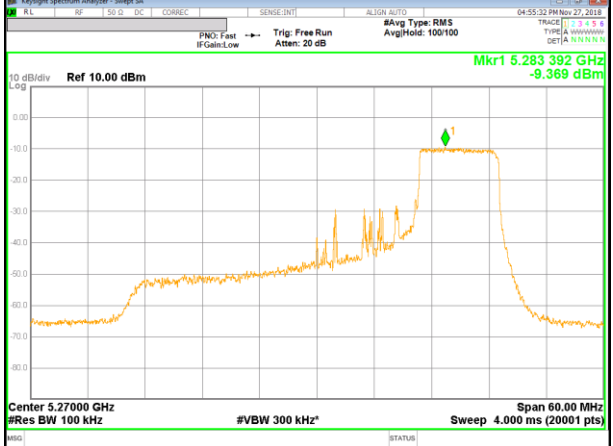


1.2.5. HE40 IN THE 5.3 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
Low	26/0		
	26/9		
	26/17		





Ch	T/O	Antenna 1	Antenna 2
Low	106/53	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>
	106/54	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>
	106/56	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>	 <p>Center 5.27000 GHz                  #Res BW 100 kHz                  #VBW 300 kHz*                  Sweep 4.000 ms (20001 pts)</p>