



802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
26 dB Bandwidth (MHz)	21.960	21.600	21.840
99% Bandwidth (MHz)	17.688	17.721	17.710

Table 172



Figure 127 - 5260 MHz - 26 dB Emission Bandwidth

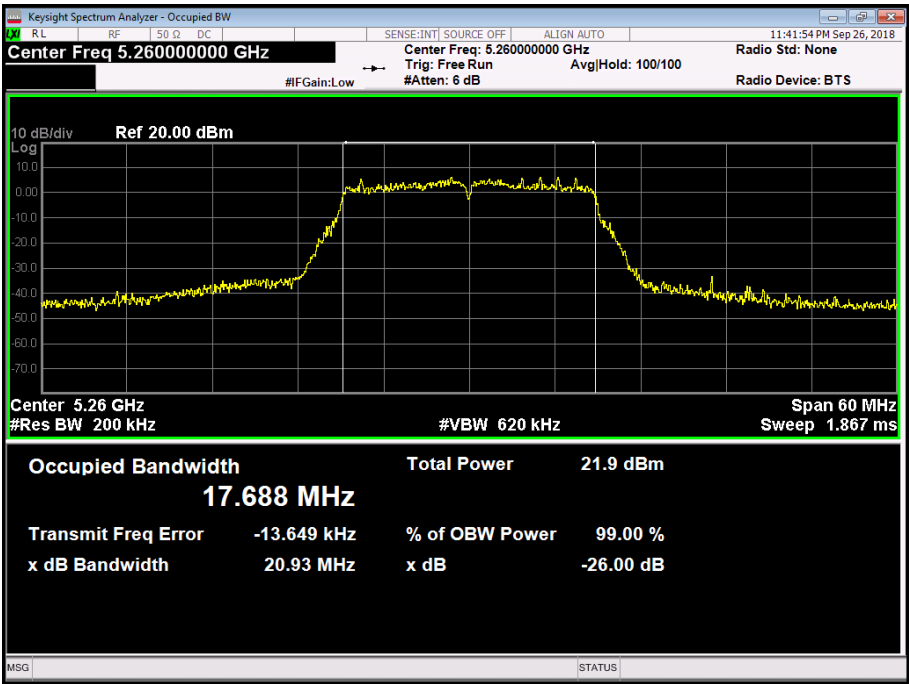


Figure 128 - 5260 MHz - 99% Occupied Bandwidth



Product Service

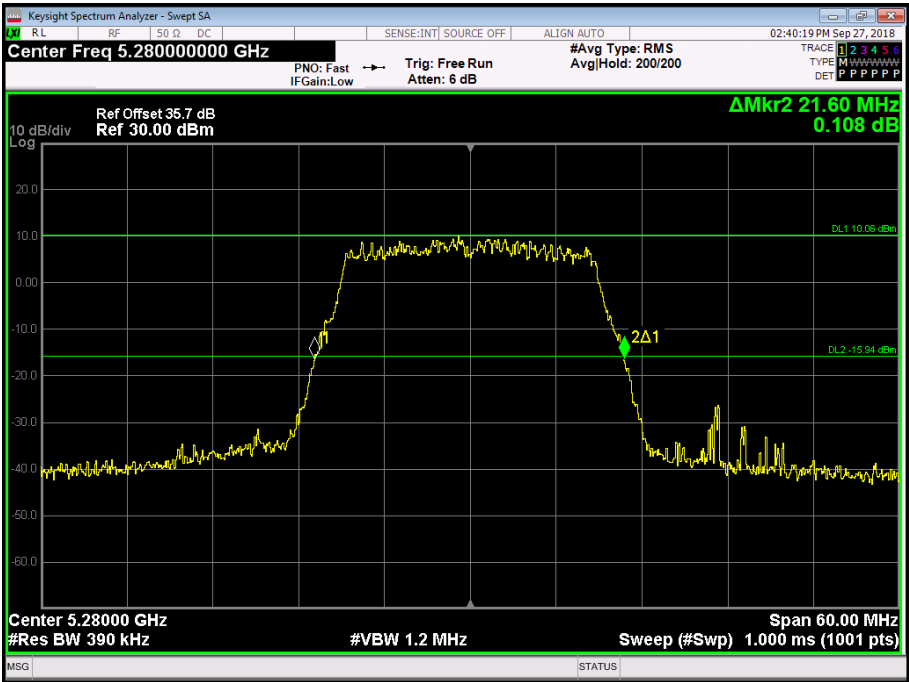


Figure 129 - 5280 MHz - 26 dB Emission Bandwidth

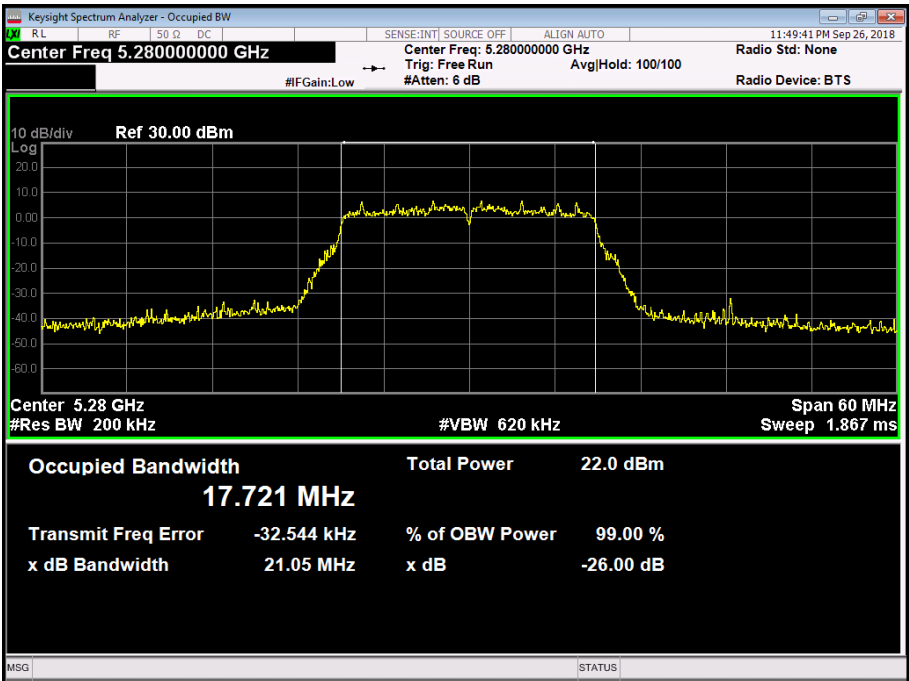


Figure 130 - 5280 MHz - 99% Occupied Bandwidth



Product Service



Figure 131 - 5320 MHz - 26 dB Emission Bandwidth

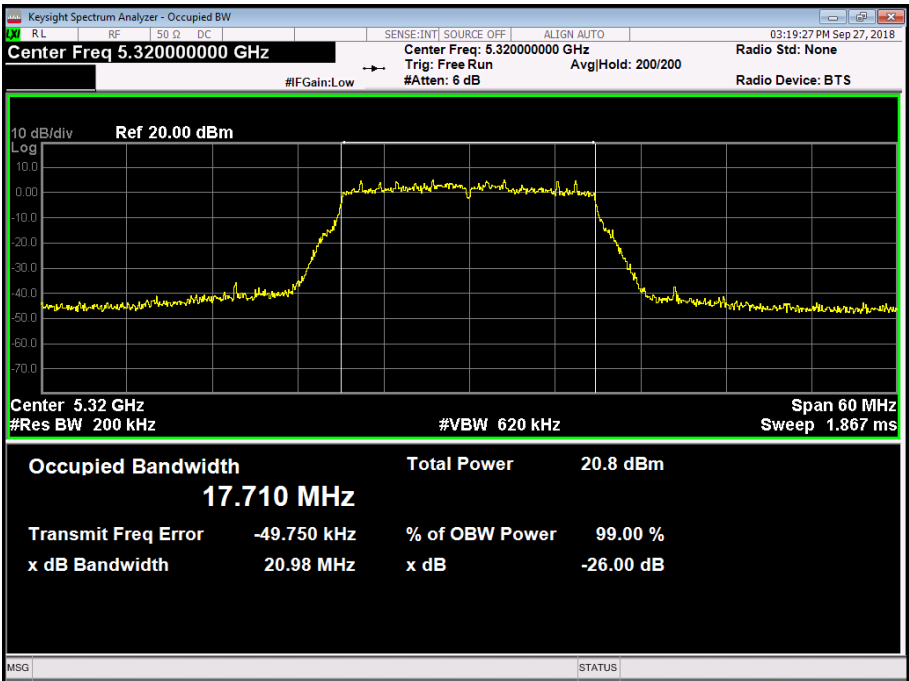


Figure 132 - 5320 MHz - 99% Occupied Bandwidth



802.11n / HT40 MCS0 / SISO / Core 1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
26 dB Bandwidth (MHz)	40.200	40.320
99% Bandwidth (MHz)	36.159	36.133

Table 173

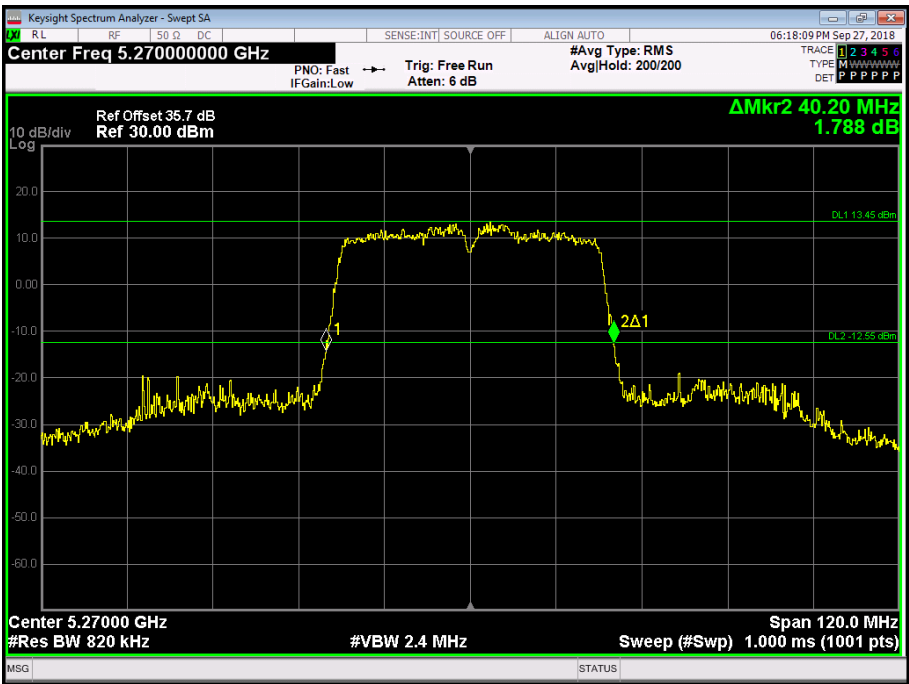


Figure 133 - 5270 MHz - 26 dB Emission Bandwidth

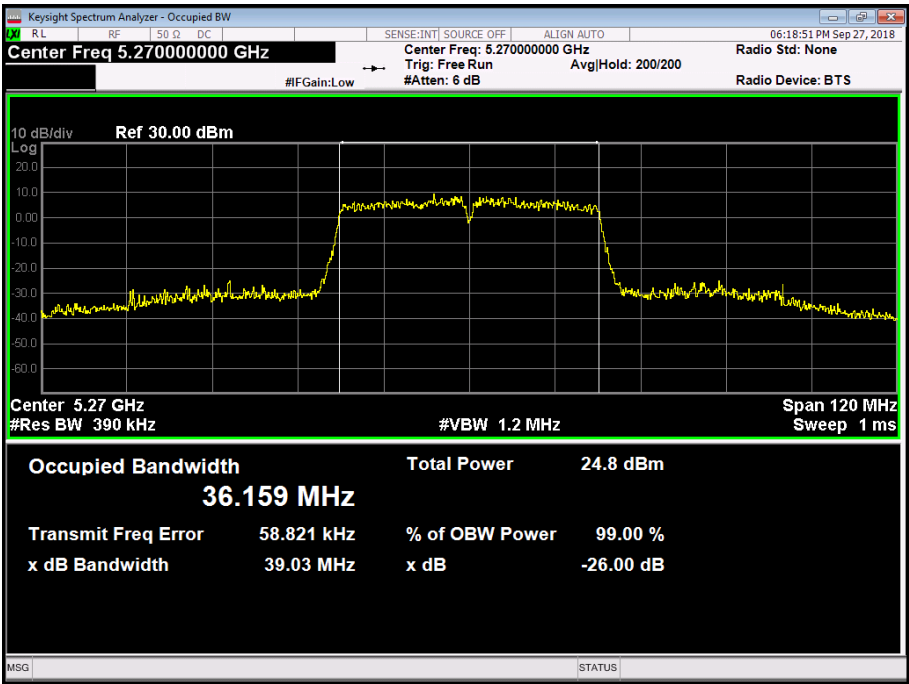


Figure 134 - 5270 MHz - 99% Occupied Bandwidth



Product Service

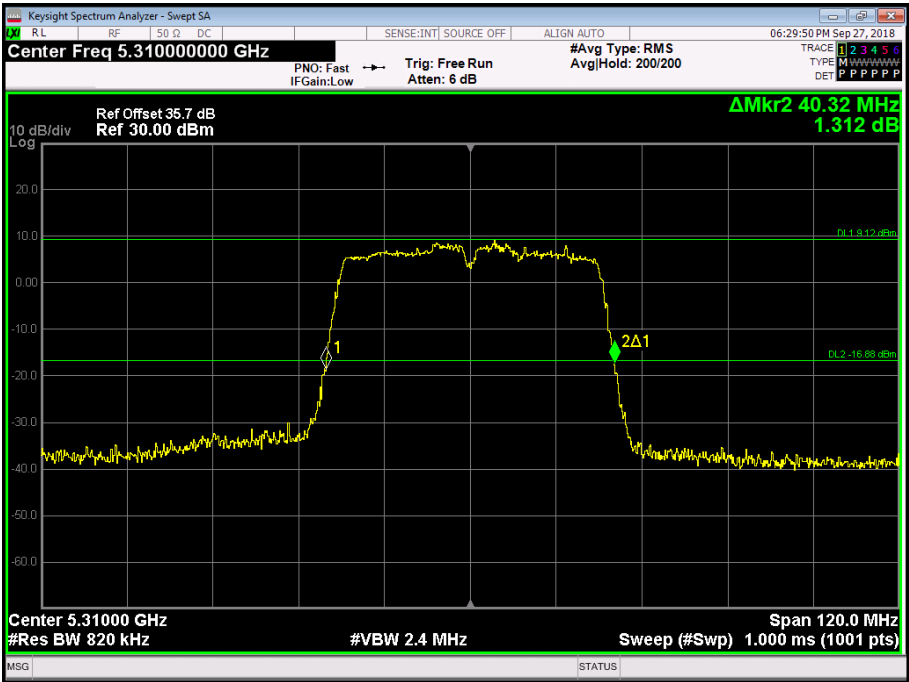


Figure 135 - 5310 MHz - 26 dB Emission Bandwidth

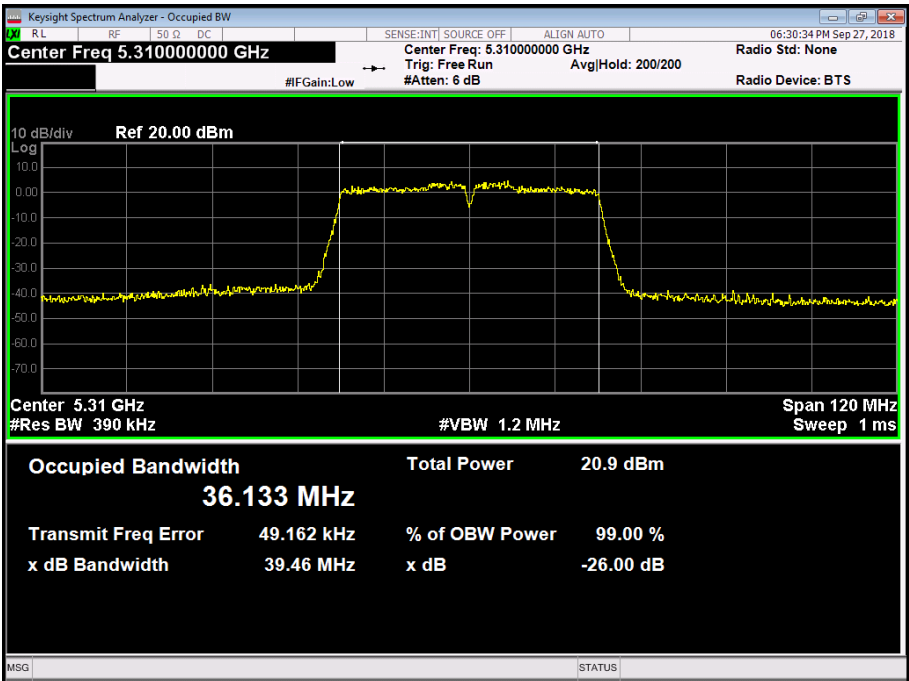


Figure 136 - 5310 MHz - 99% Occupied Bandwidth



802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
26 dB Bandwidth (MHz)	40.680	40.320
99% Bandwidth (MHz)	36.171	36.122

Table 174

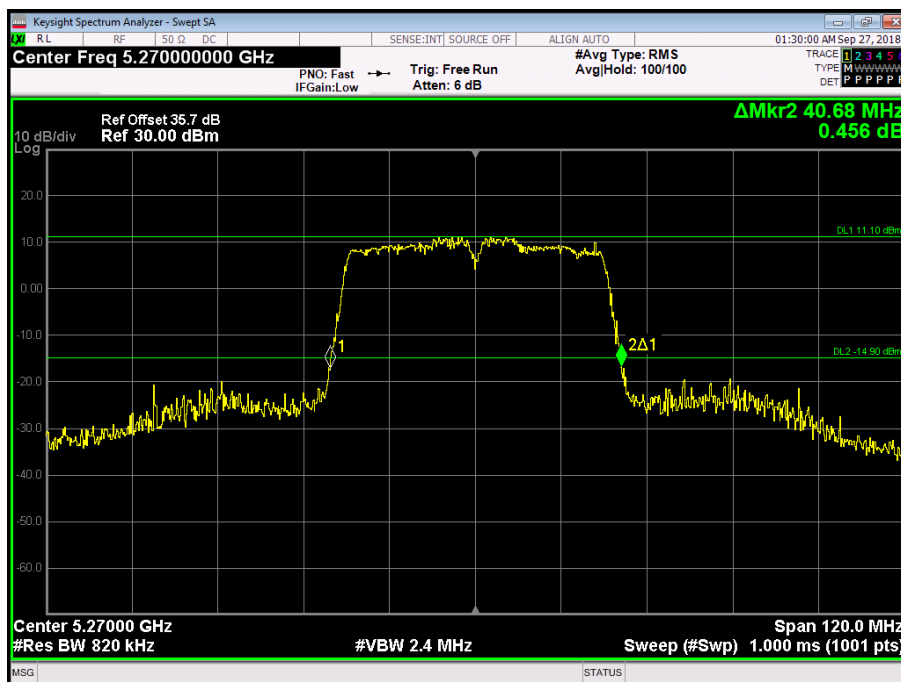


Figure 137 - 5270 MHz - 26 dB Emission Bandwidth

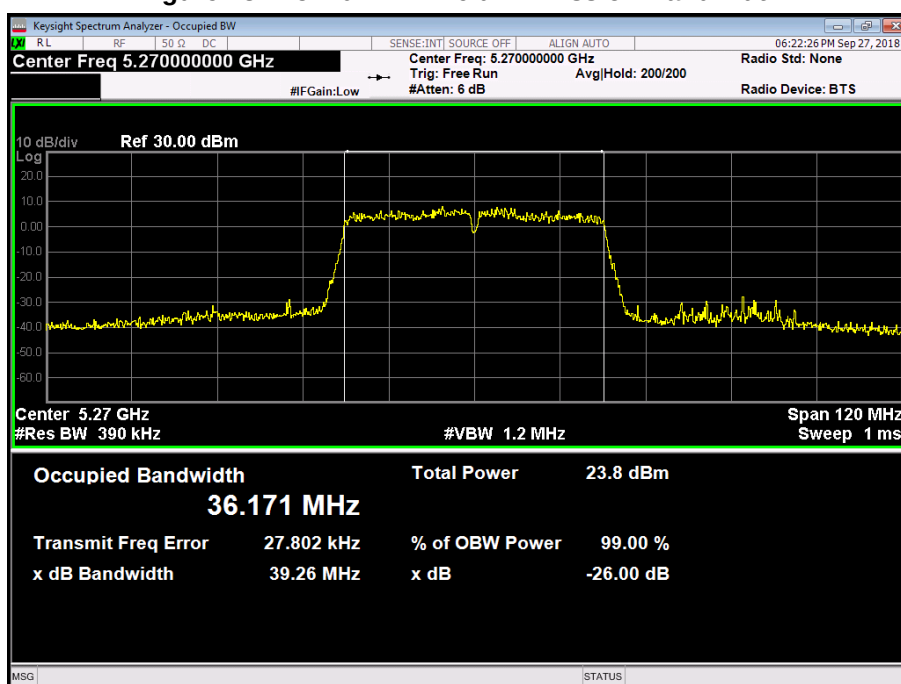


Figure 138 - 5270 MHz - 99% Occupied Bandwidth



Figure 139 - 5310 MHz - 26 dB Emission Bandwidth

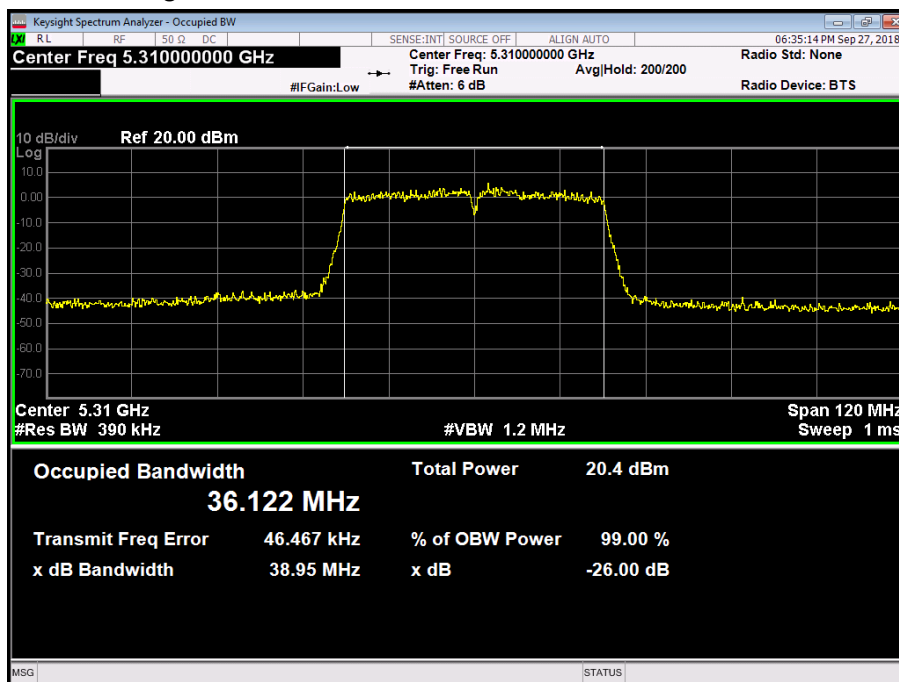


Figure 140 - 5310 MHz - 99% Occupied Bandwidth

802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
26 dB Bandwidth (MHz)	40.200	40.800
99% Bandwidth (MHz)	36.181	36.162

Table 175

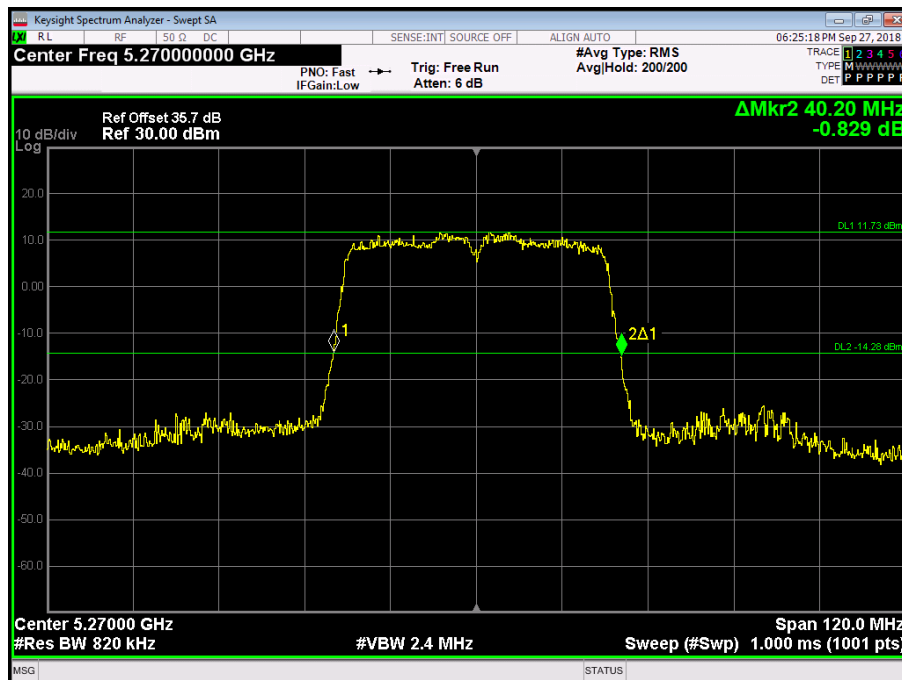


Figure 141 - 5270 MHz - 26 dB Emission Bandwidth

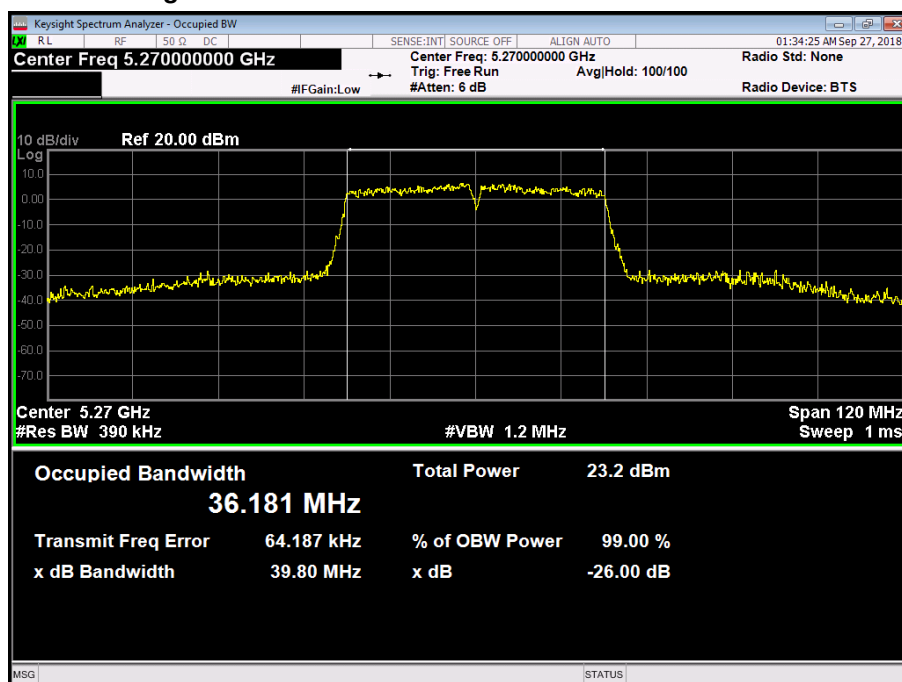


Figure 142 - 5270 MHz - 99% Occupied Bandwidth



Product Service

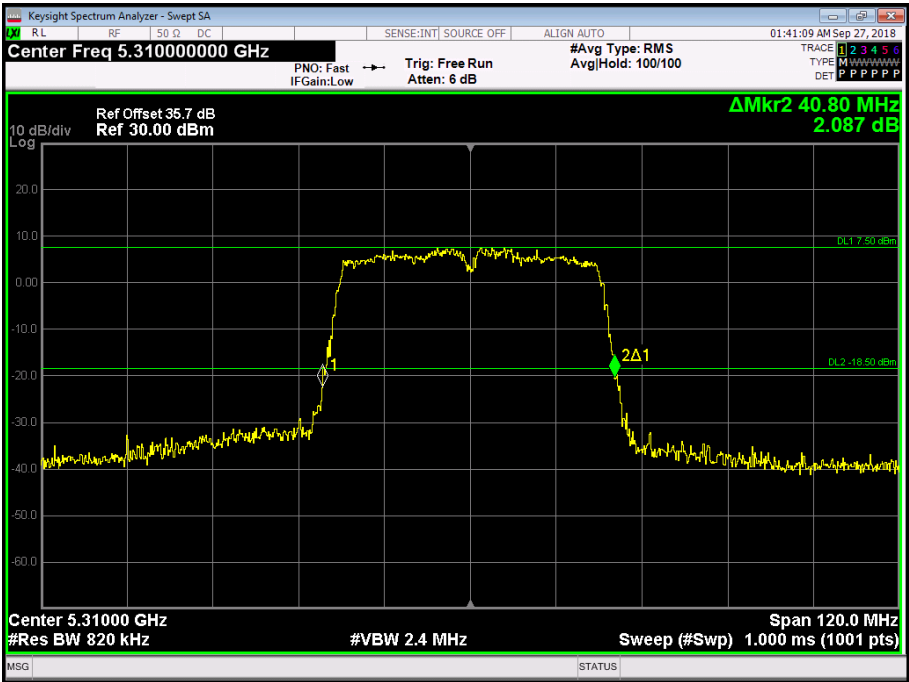


Figure 143 - 5310 MHz - 26 dB Emission Bandwidth

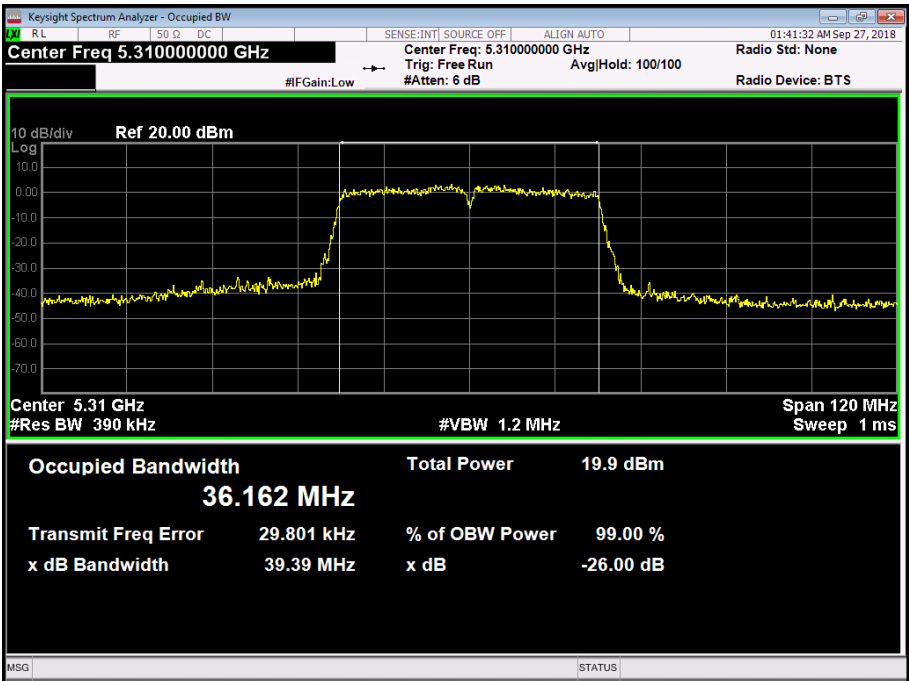


Figure 144 - 5310 MHz - 99% Occupied Bandwidth



802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top
Frequency (MHz)	5260	5280	5320
26 dB Bandwidth (MHz)	21.600	21.600	21.840
99% Bandwidth (MHz)	17.762	17.738	17.722

Table 176

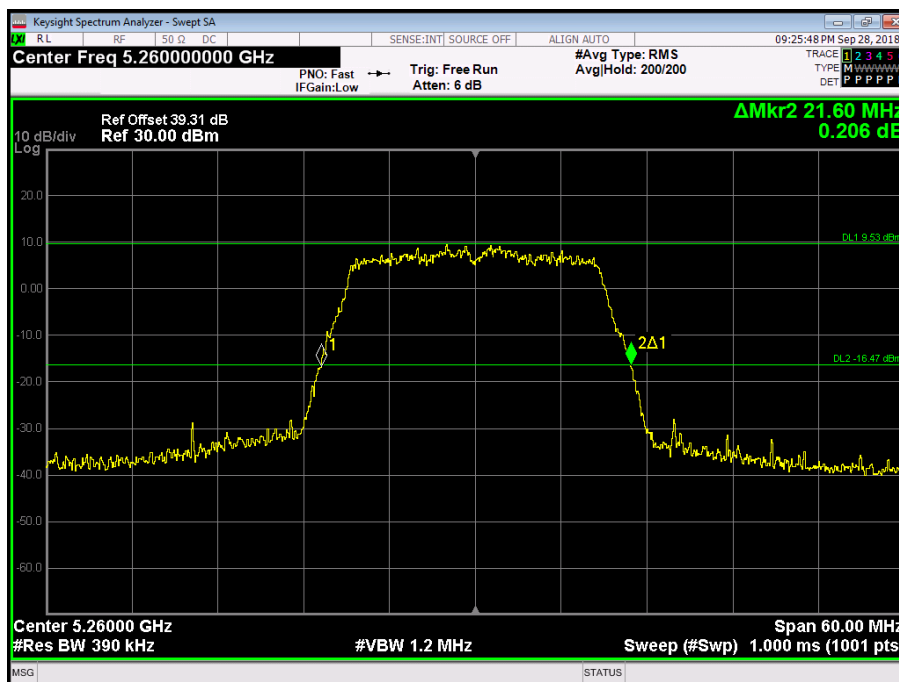


Figure 145 - 5260 MHz - 26 dB Emission Bandwidth

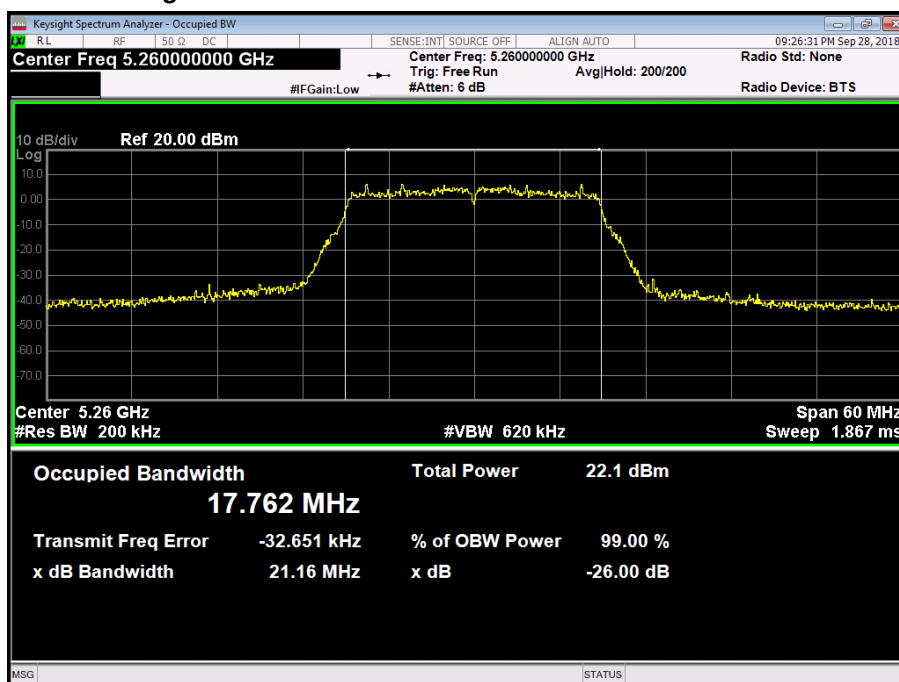


Figure 146 - 5260 MHz - 99% Occupied Bandwidth



Product Service

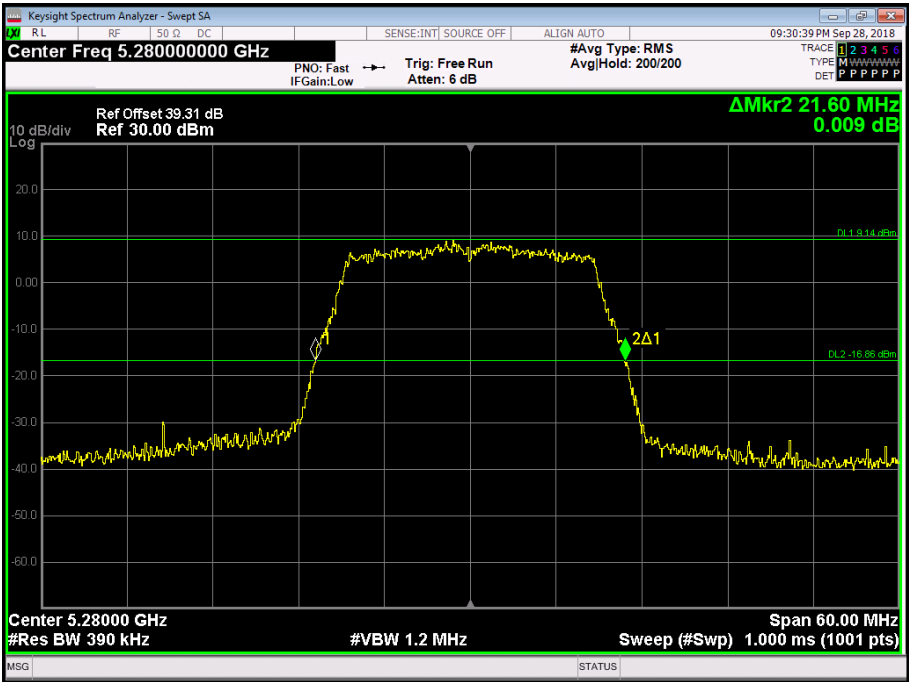


Figure 147 - 5280 MHz - 26 dB Emission Bandwidth

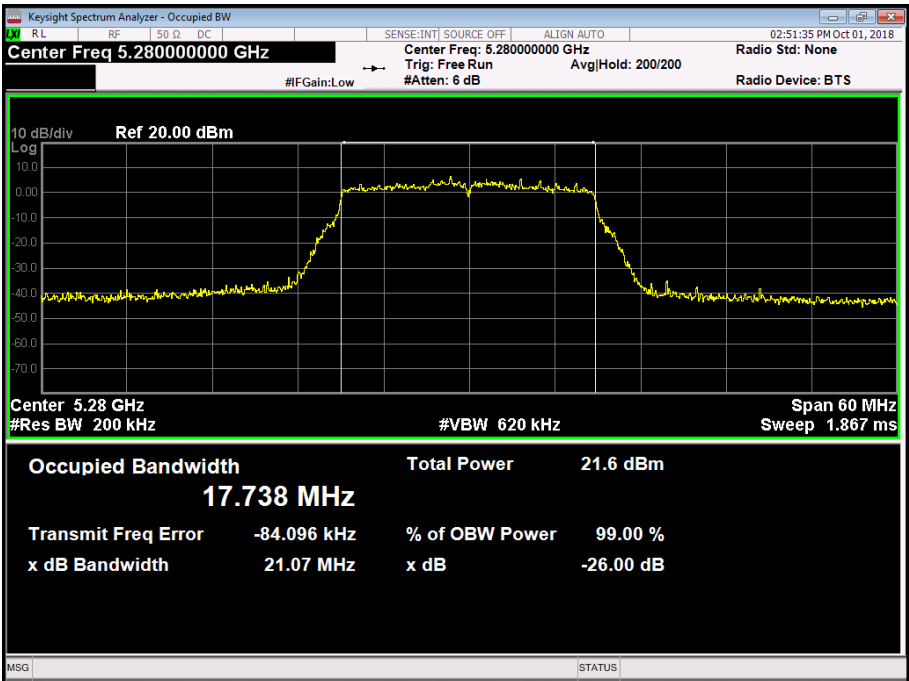


Figure 148 - 5280 MHz - 99% Occupied Bandwidth

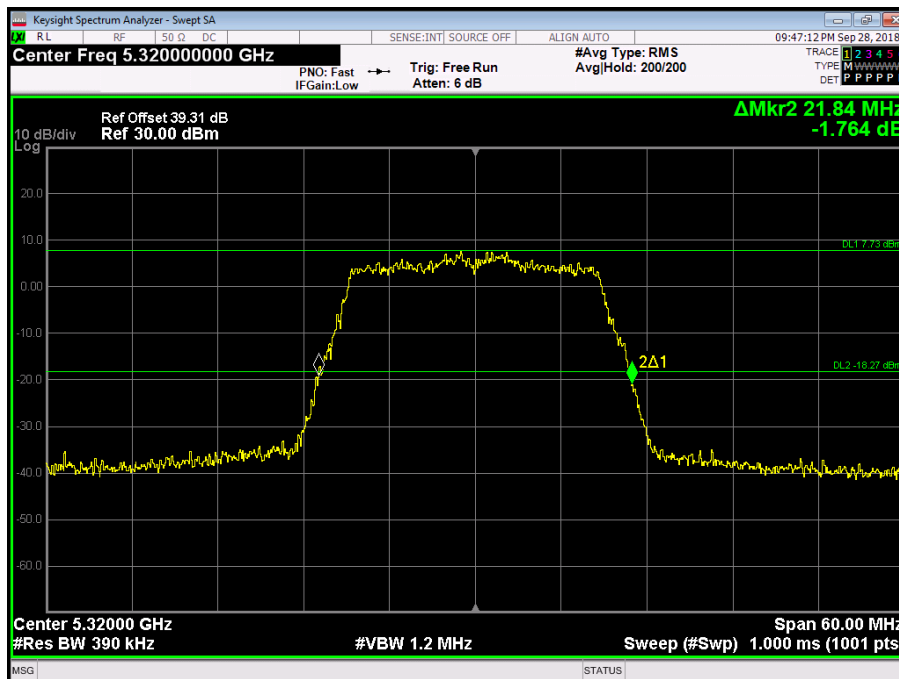


Figure 149 - 5320 MHz - 26 dB Emission Bandwidth

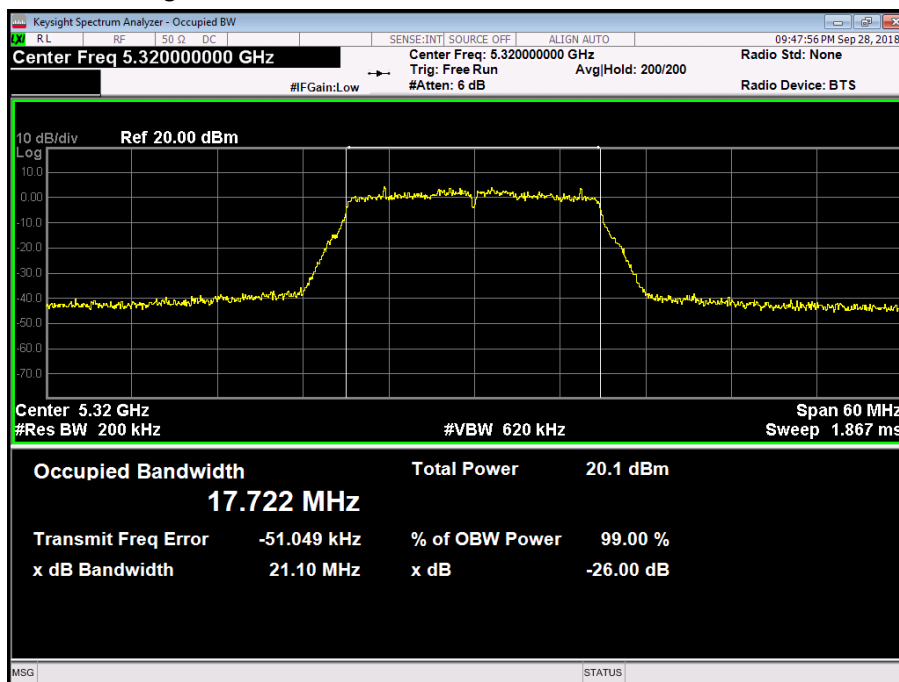


Figure 150 - 5320 MHz - 99% Occupied Bandwidth



802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top
Frequency (MHz)	5270	5310
26 dB Bandwidth (MHz)	40.800	40.440
99% Bandwidth (MHz)	36.148	36.135

Table 177

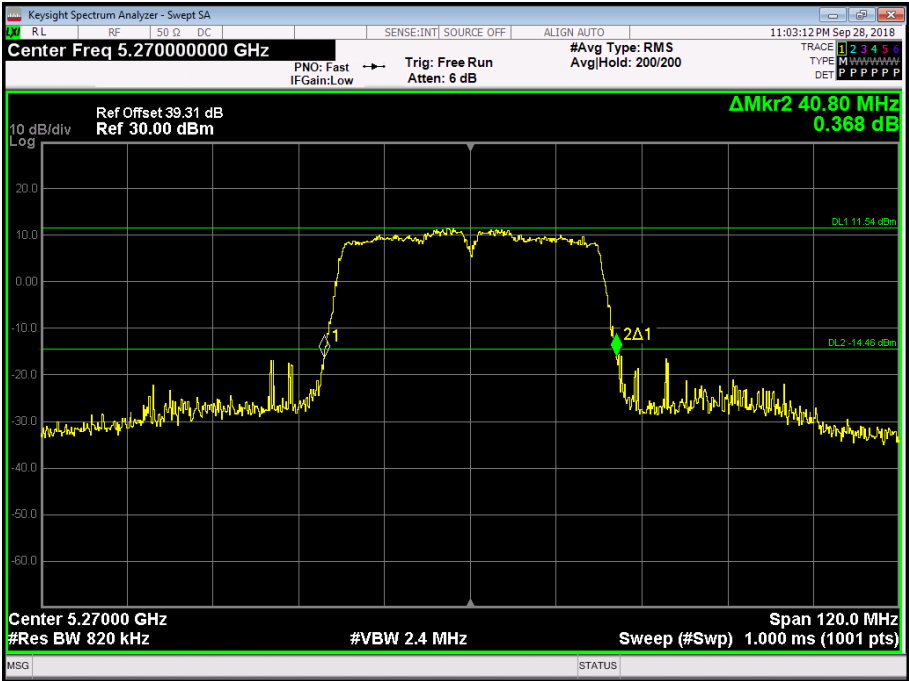


Figure 151 - 5270 MHz - 26 dB Emission Bandwidth

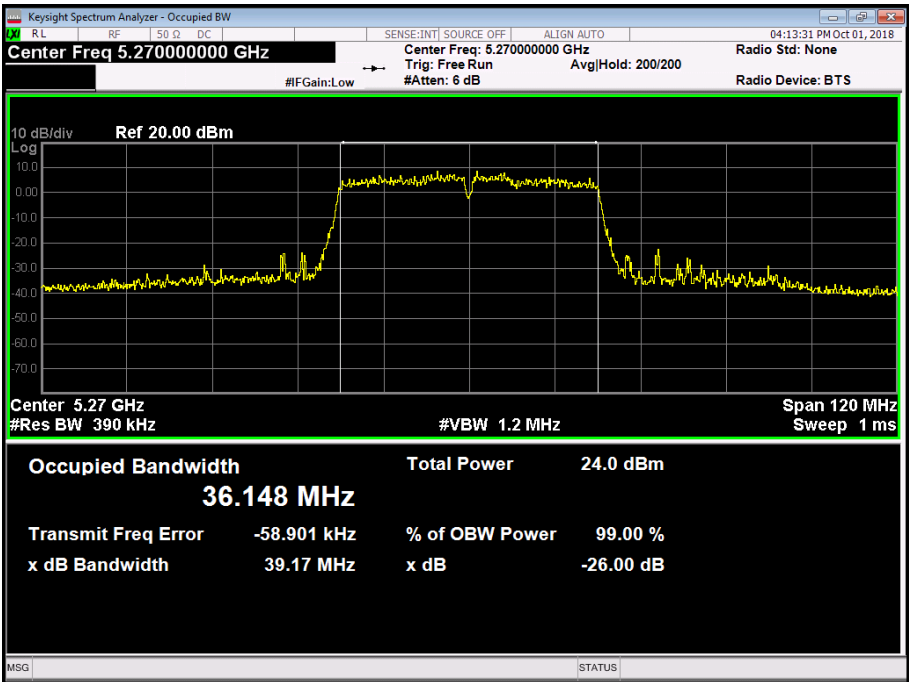


Figure 152 - 5270 MHz - 99% Occupied Bandwidth



Product Service



Figure 153 - 5310 MHz - 26 dB Emission Bandwidth

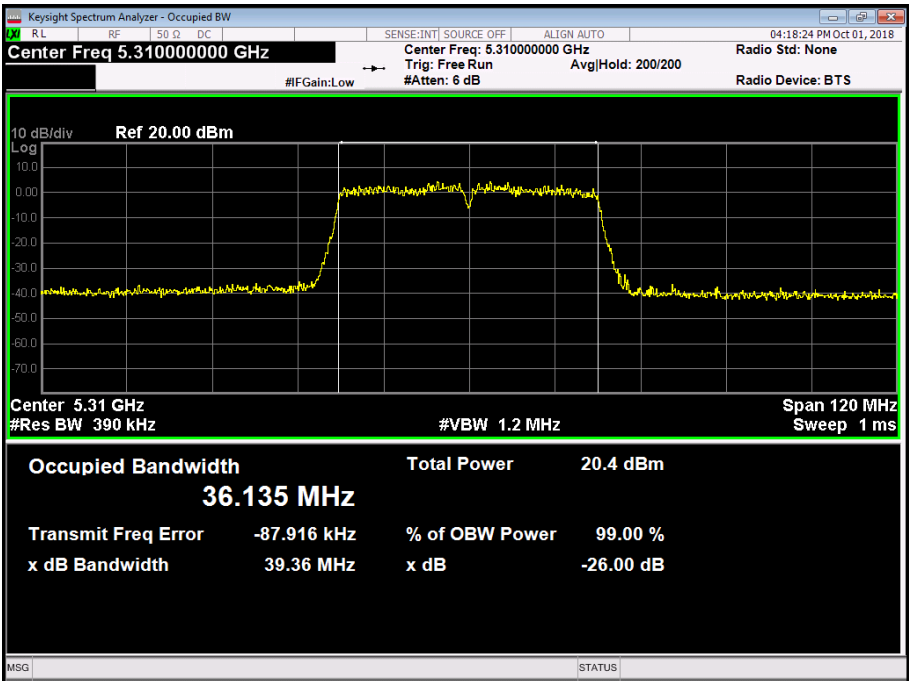


Figure 154 - 5310 MHz - 99% Occupied Bandwidth

802.11ac / VHT80 MCS0x1 / SISO / Core 1

Channel	Middle
Frequency (MHz)	5290
26 dB Bandwidth (MHz)	81.120
99% Bandwidth (MHz)	75.556

Table 178

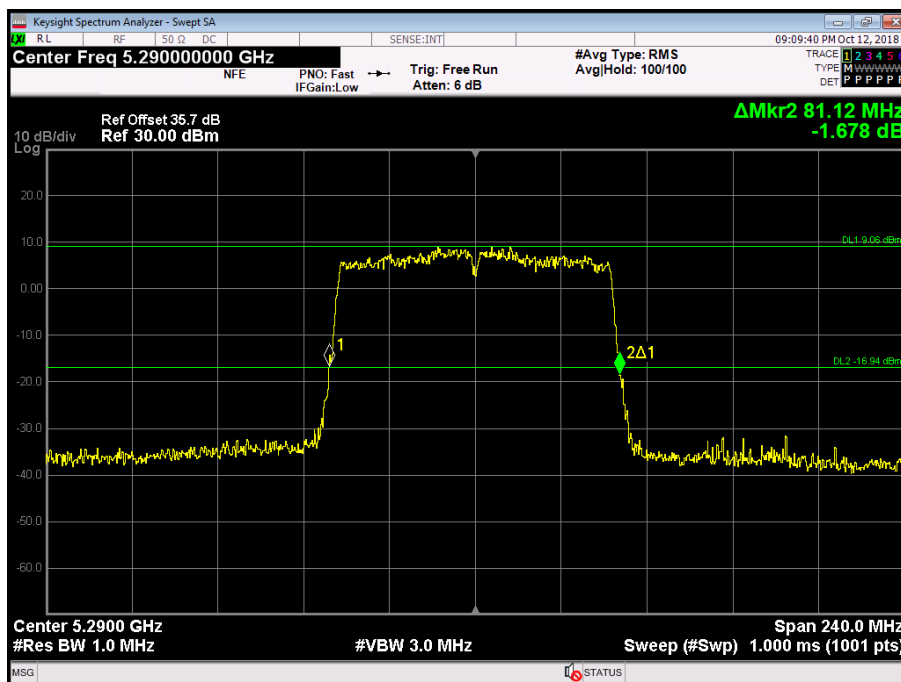


Figure 155 - 5290 MHz - 26 dB Emission Bandwidth

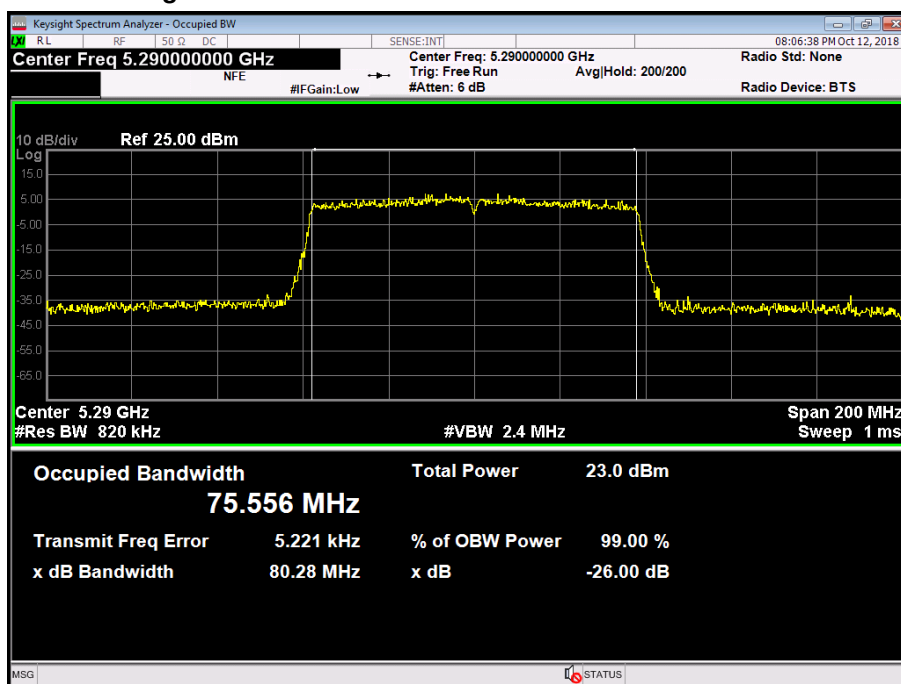


Figure 156 - 5290 MHz - 99% Occupied Bandwidth

802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
26 dB Bandwidth (MHz)	81.360
99% Bandwidth (MHz)	75.679

Table 179



Figure 157 - 5290 MHz - 26 dB Emission Bandwidth

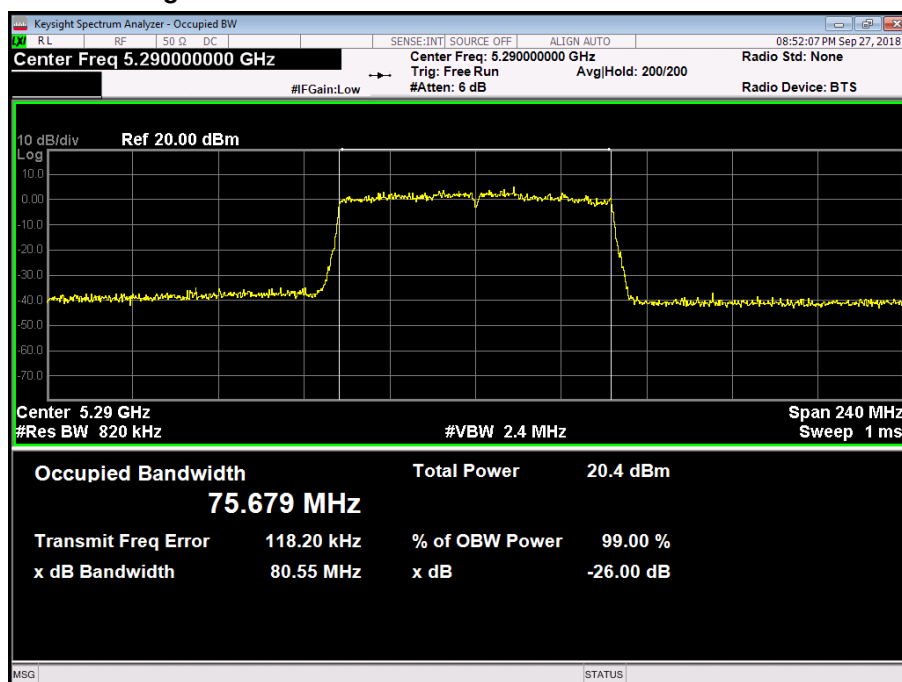


Figure 158 - 5290 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
26 dB Bandwidth (MHz)	81.360
99% Bandwidth (MHz)	75.601

Table 180

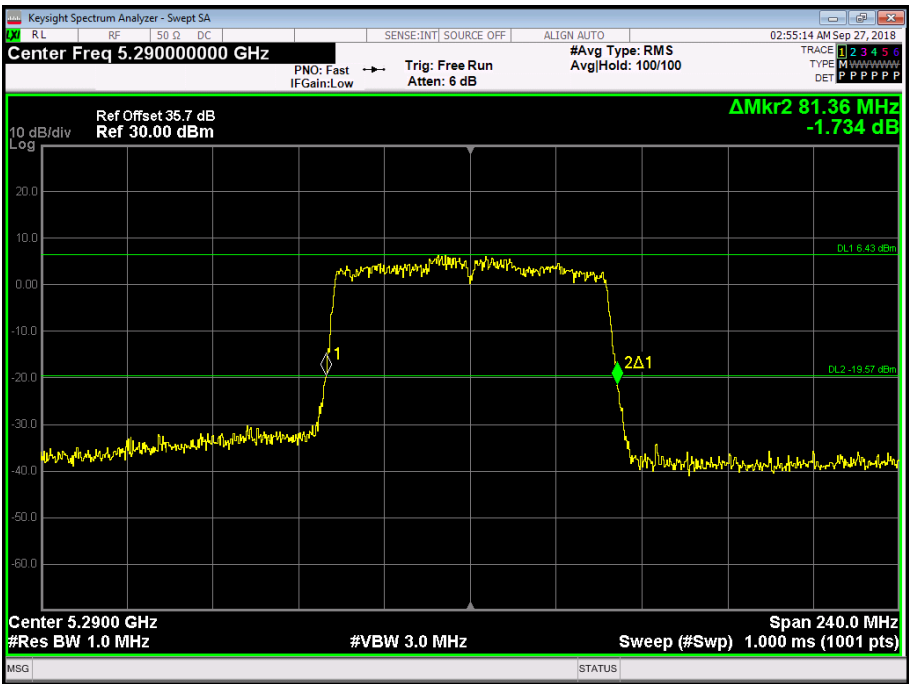


Figure 159 - 5290 MHz - 26 dB Emission Bandwidth

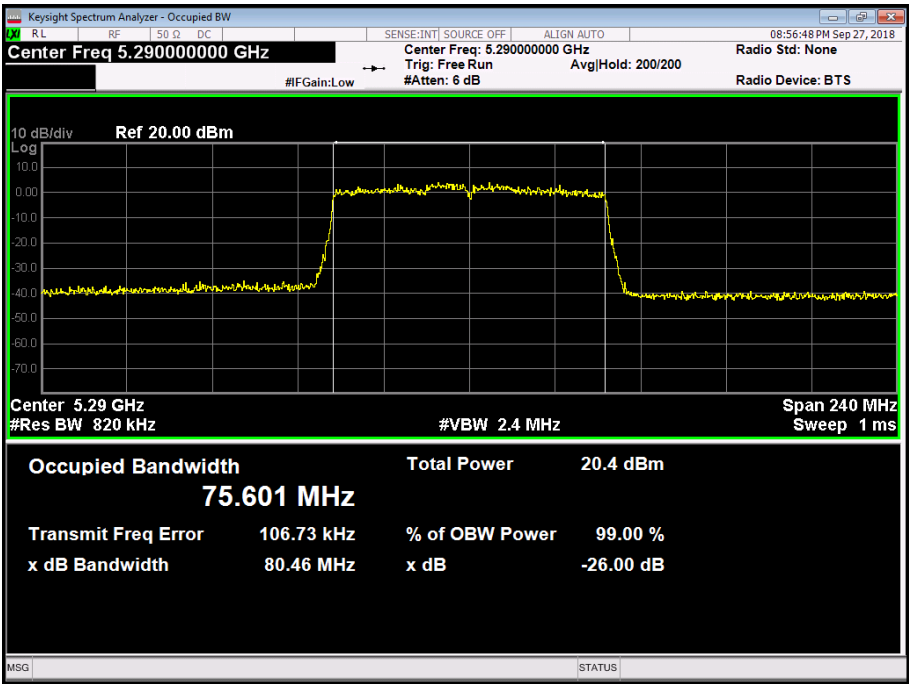


Figure 160 - 5290 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Middle
Frequency (MHz)	5290
26 dB Bandwidth (MHz)	81.840
99% Bandwidth (MHz)	75.668

Table 181

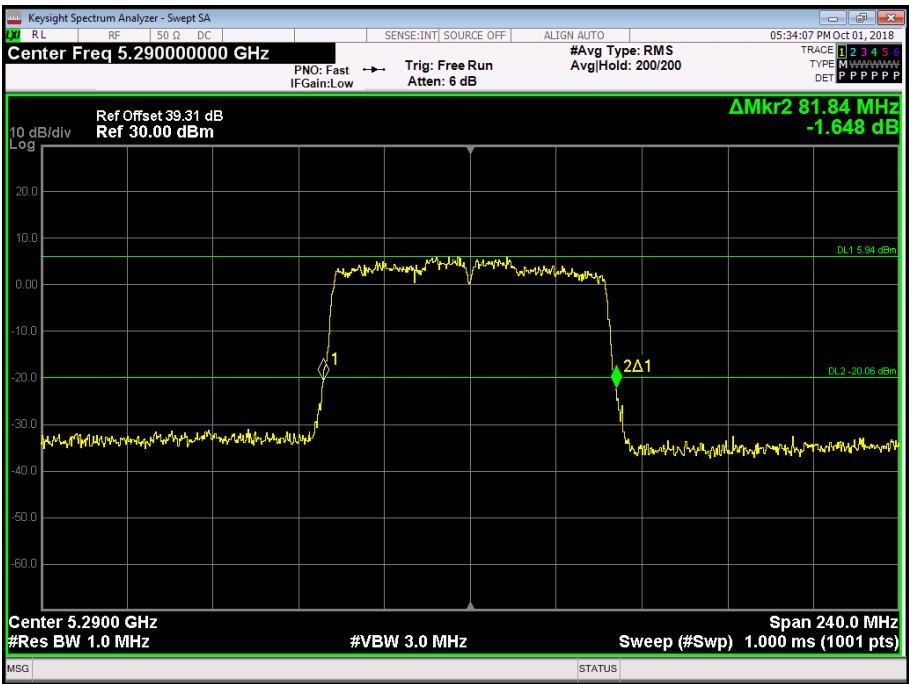


Figure 161 - 5290 MHz - 26 dB Emission Bandwidth

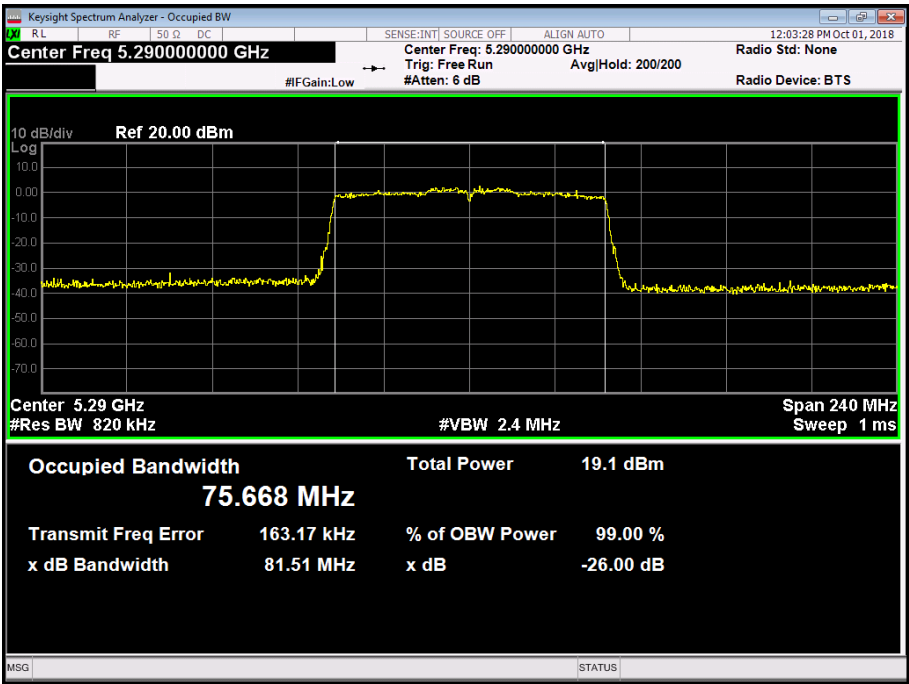


Figure 162 - 5290 MHz - 99% Occupied Bandwidth



2.3.8 Test Results: U-NII-2C

802.11a / 6 Mbps / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
26 dB Bandwidth (MHz)	21.720	21.840	21.660	15.680
99% Bandwidth (MHz)	16.546	16.625	16.571	16.659

Table 182

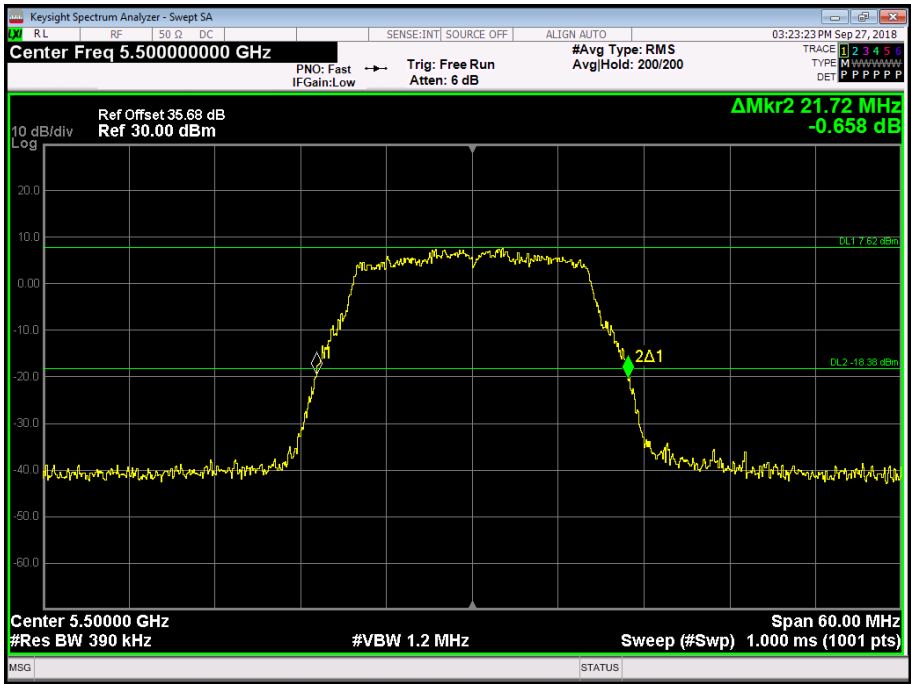


Figure 163 - 5500 MHz - 26 dB Emission Bandwidth



Product Service

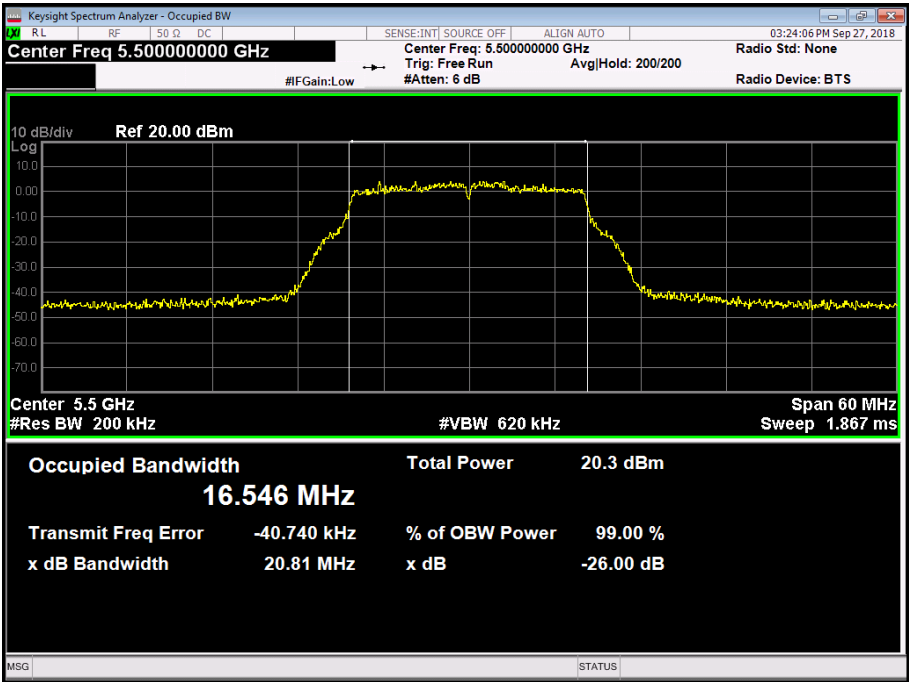


Figure 164 - 5500 MHz - 99% Occupied Bandwidth

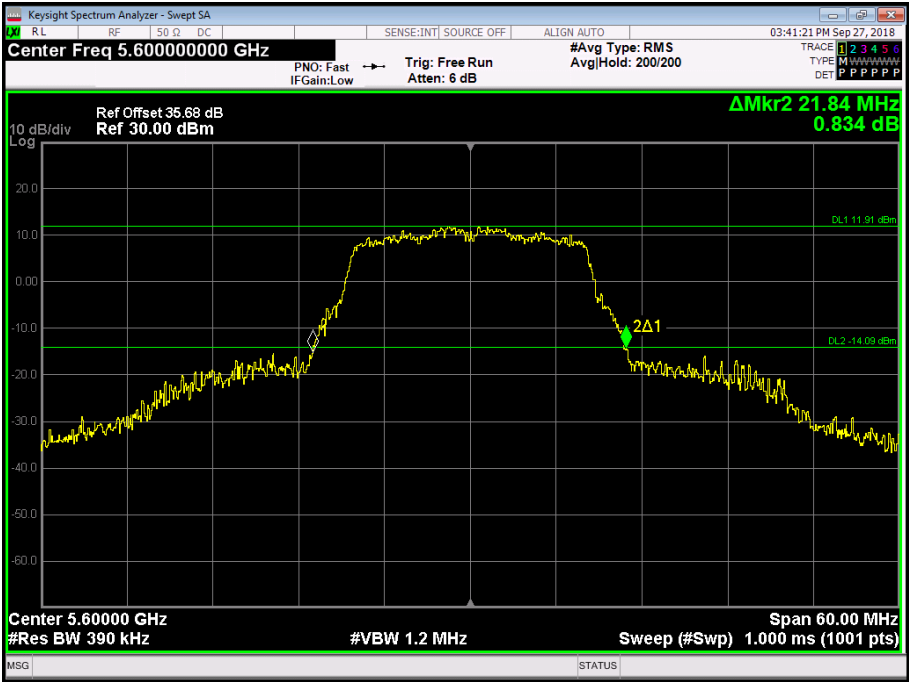


Figure 165 - 5600 MHz - 26 dB Emission Bandwidth



Product Service

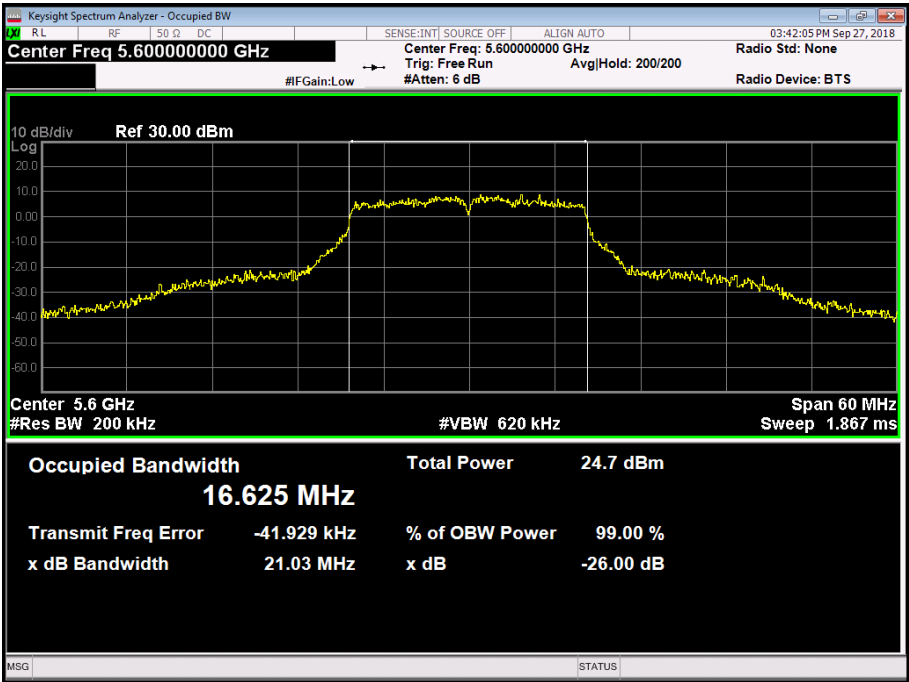


Figure 166 - 5600 MHz - 99% Occupied Bandwidth

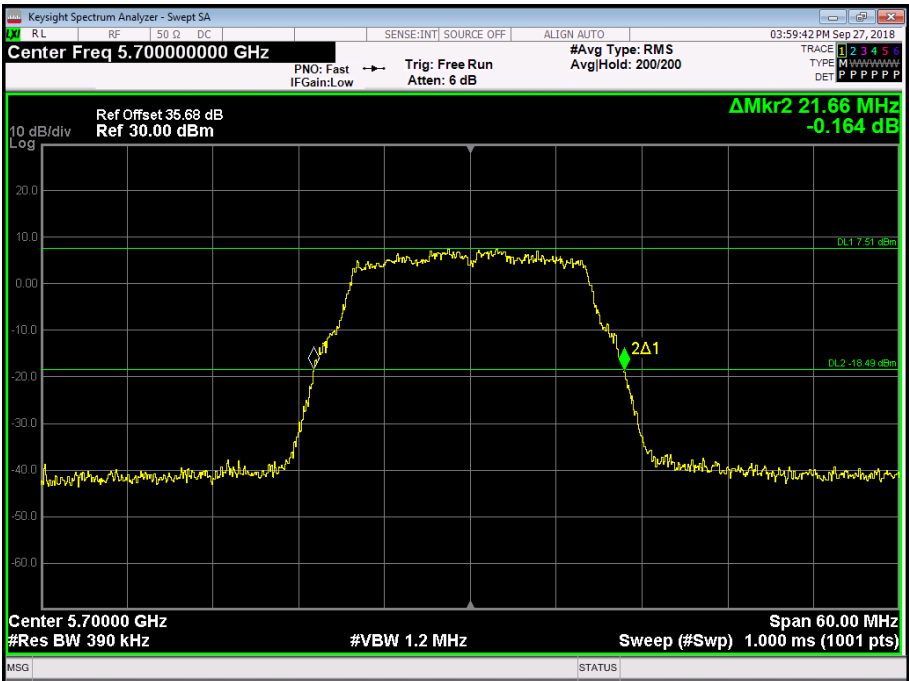


Figure 167 - 5700 MHz - 26 dB Emission Bandwidth



Product Service

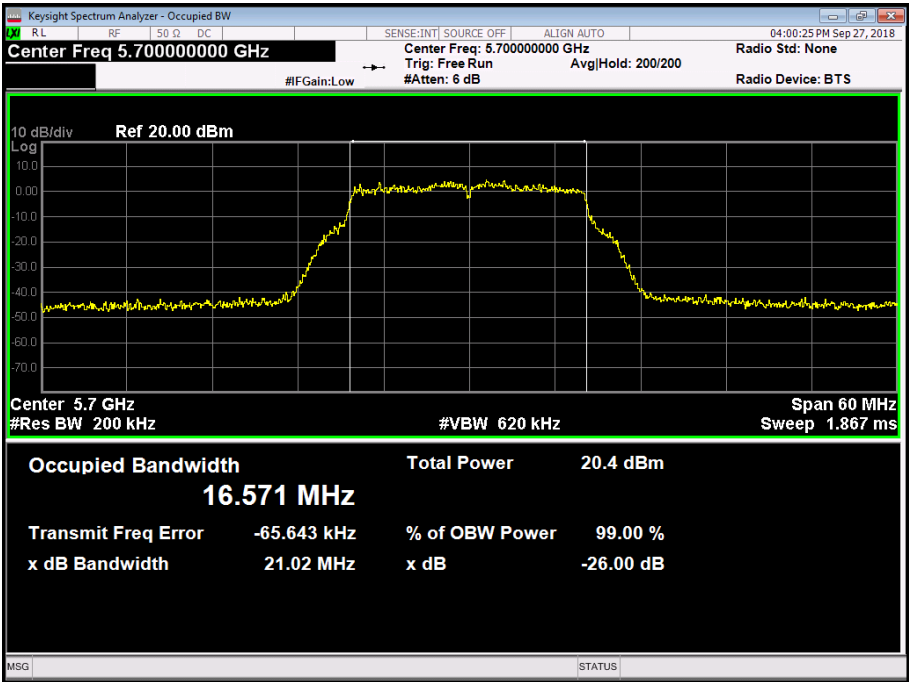


Figure 168 - 5700 MHz - 99% Occupied Bandwidth

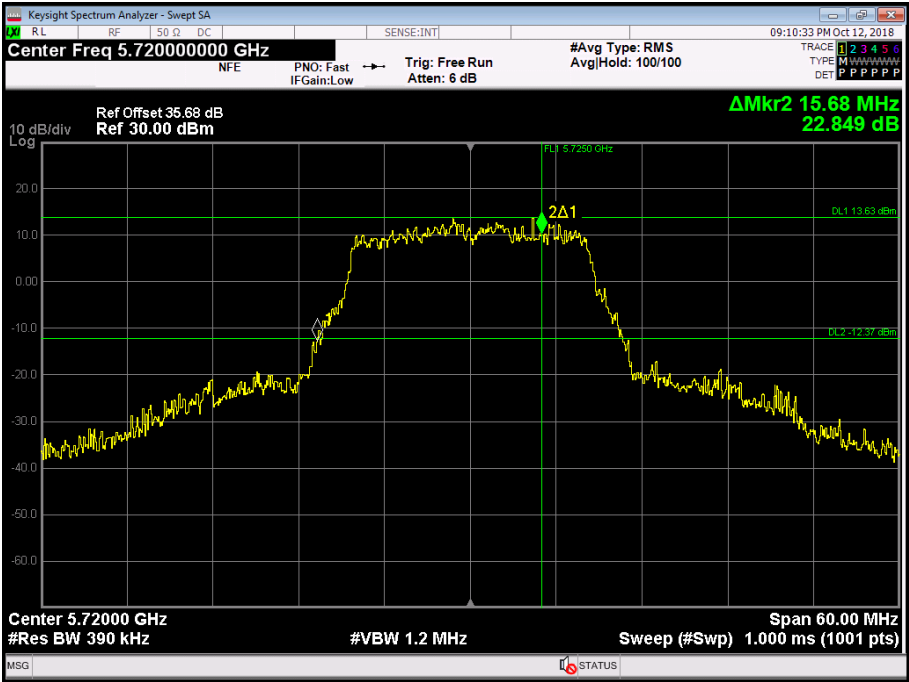


Figure 169 - 5720 MHz - 26 dB Emission Bandwidth



Product Service

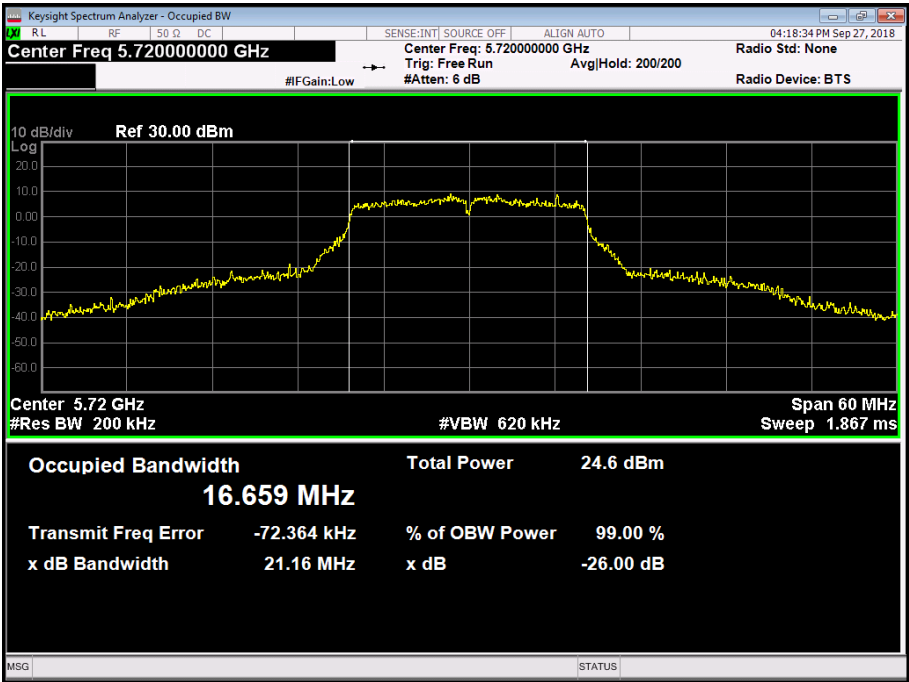


Figure 170 - 5720 MHz - 99% Occupied Bandwidth



802.11n / HT20 MCS0 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
26 dB Bandwidth (MHz)	21.720	22.080	21.840	15.800
99% Bandwidth (MHz)	17.724	17.794	17.754	17.823

Table 183

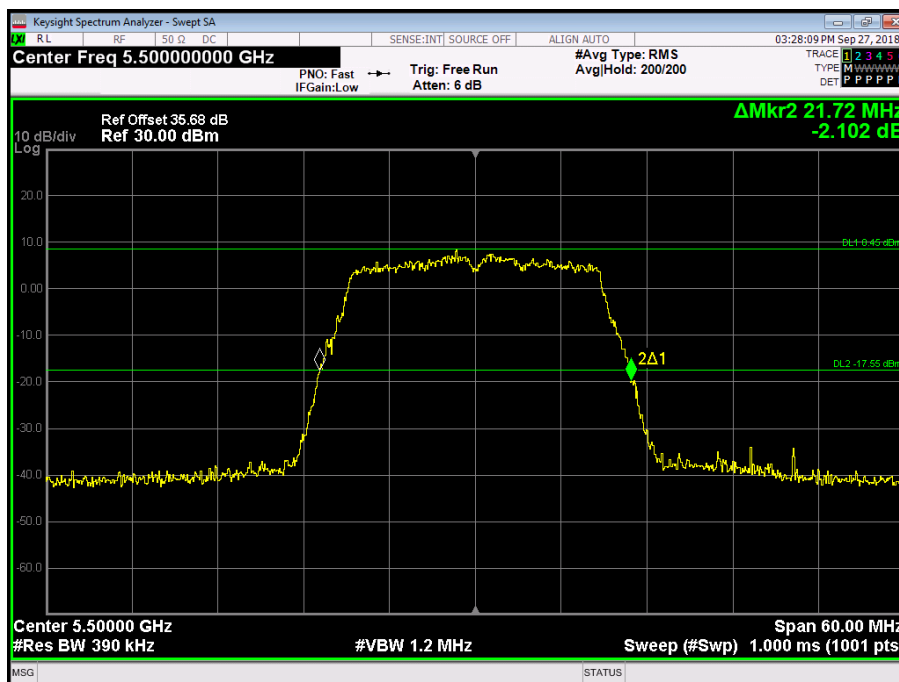


Figure 171 - 5500 MHz - 26 dB Emission Bandwidth

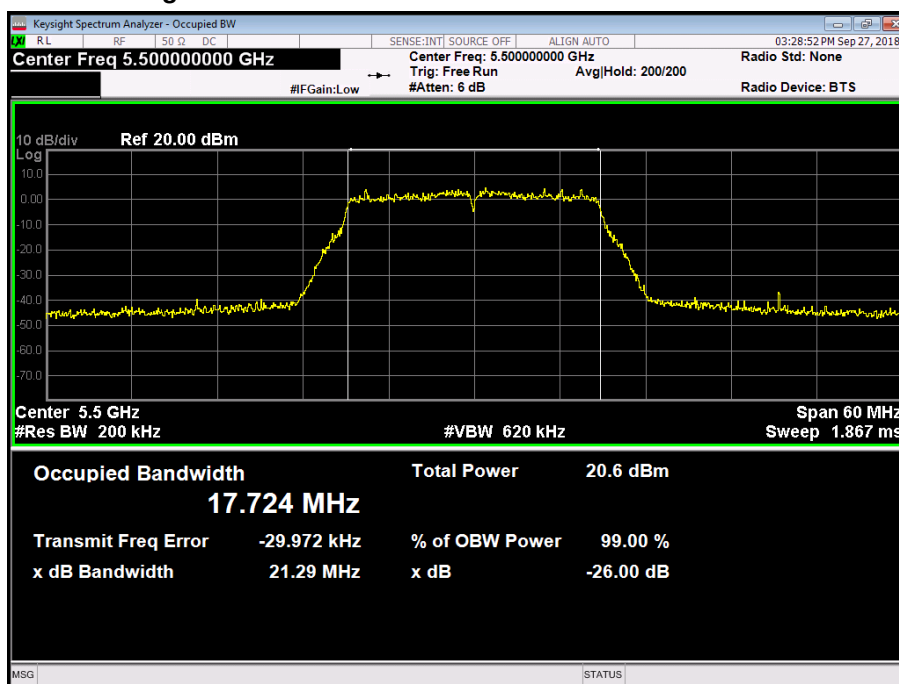


Figure 172 - 5500 MHz - 99% Occupied Bandwidth



Product Service



Figure 173 - 5600 MHz - 26 dB Emission Bandwidth

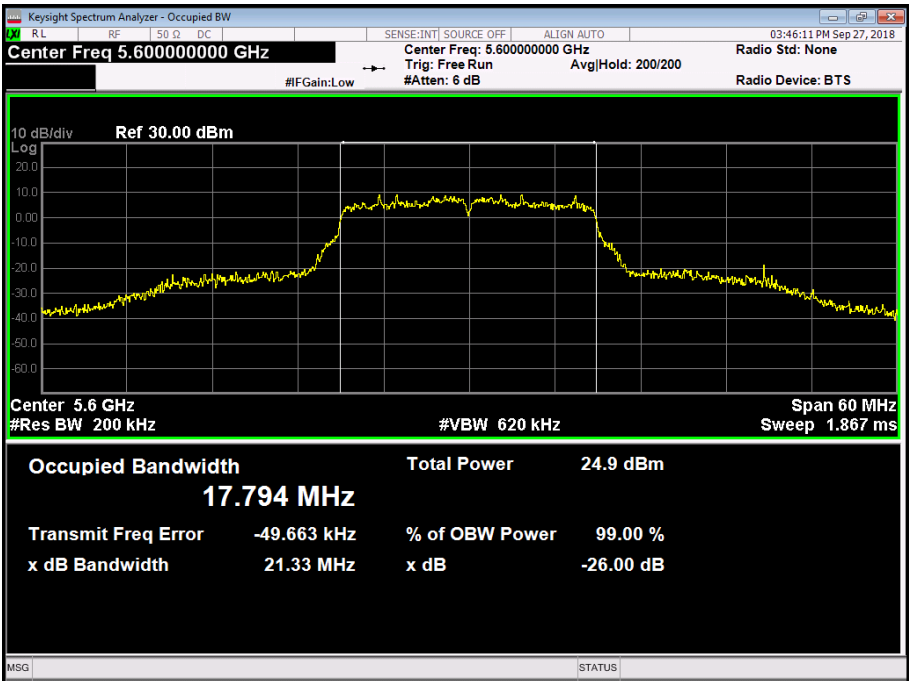


Figure 174 - 5600 MHz - 99% Occupied Bandwidth



Product Service



Figure 175 - 5700 MHz - 26 dB Emission Bandwidth

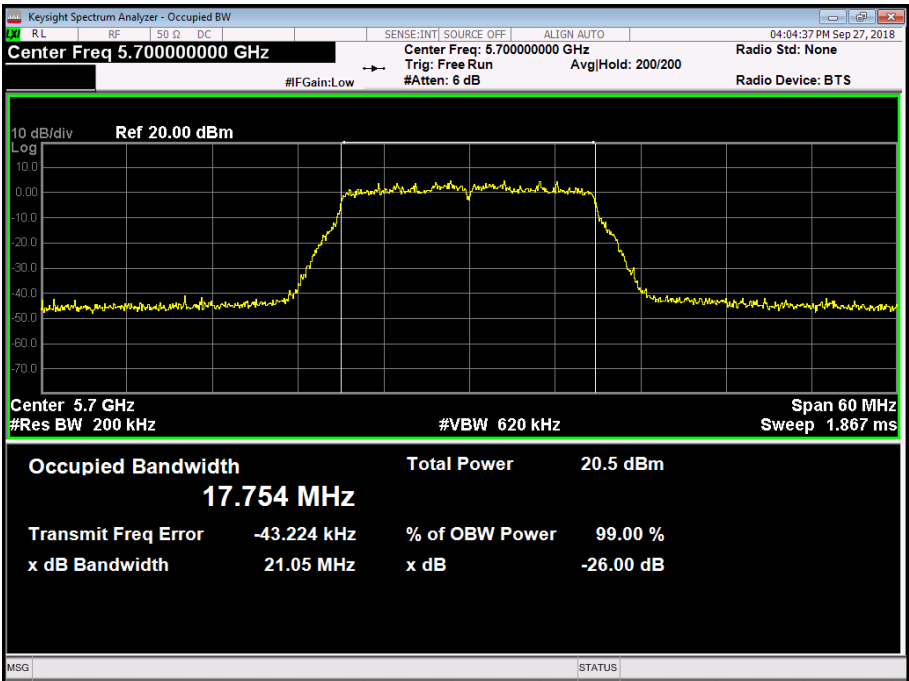


Figure 176 - 5700 MHz - 99% Occupied Bandwidth



Product Service



Figure 177 - 5720 MHz - 26 dB Emission Bandwidth

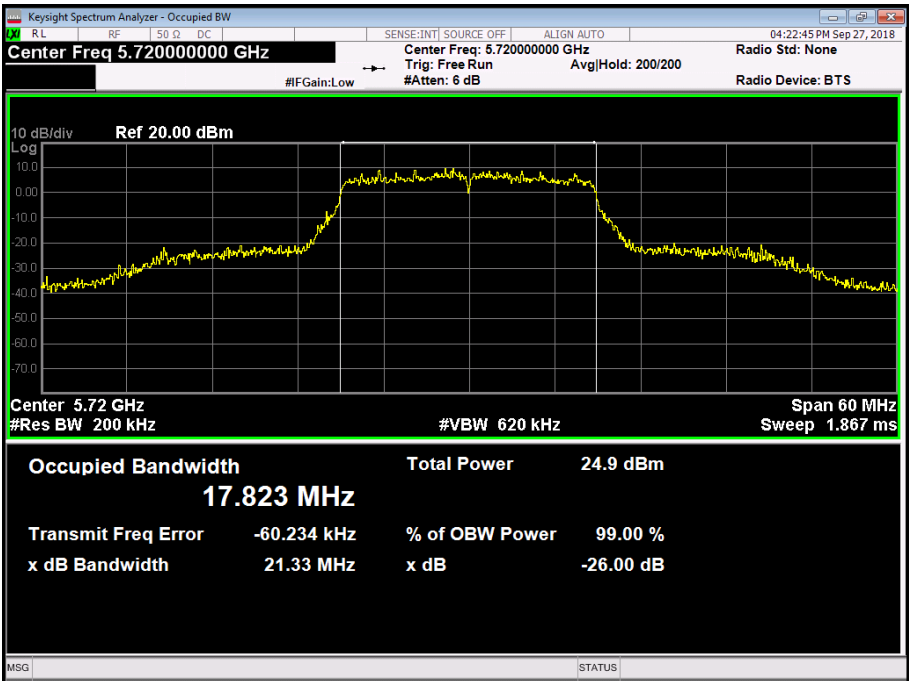


Figure 178 - 5720 MHz - 99% Occupied Bandwidth



802.11n / HT20 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
26 dB Bandwidth (MHz)	21.780	21.780	21.780	15.740
99% Bandwidth (MHz)	17.705	17.702	17.751	17.723

Table 184

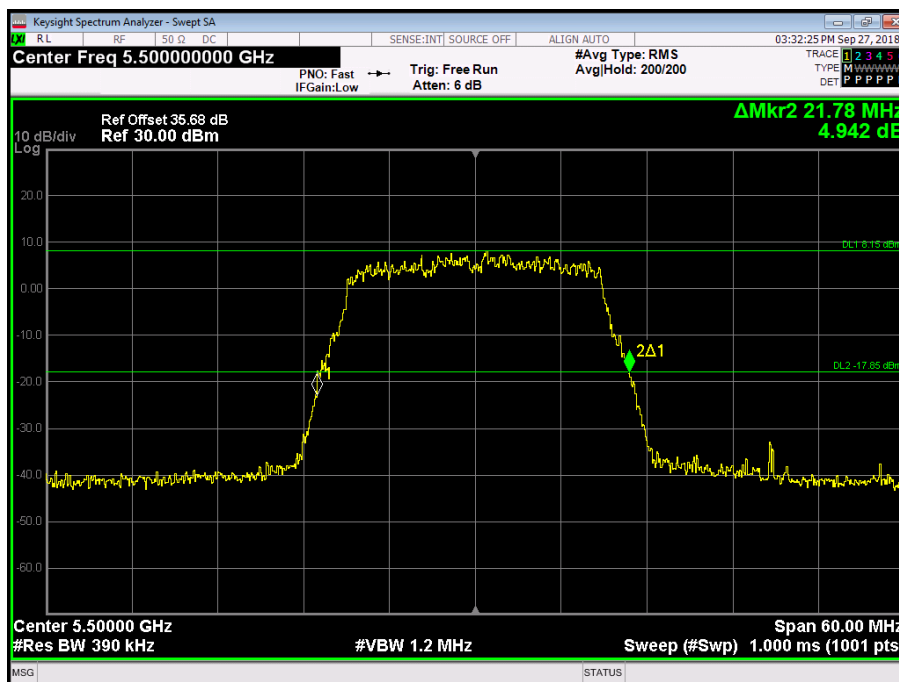


Figure 179 - 5500 MHz - 26 dB Emission Bandwidth

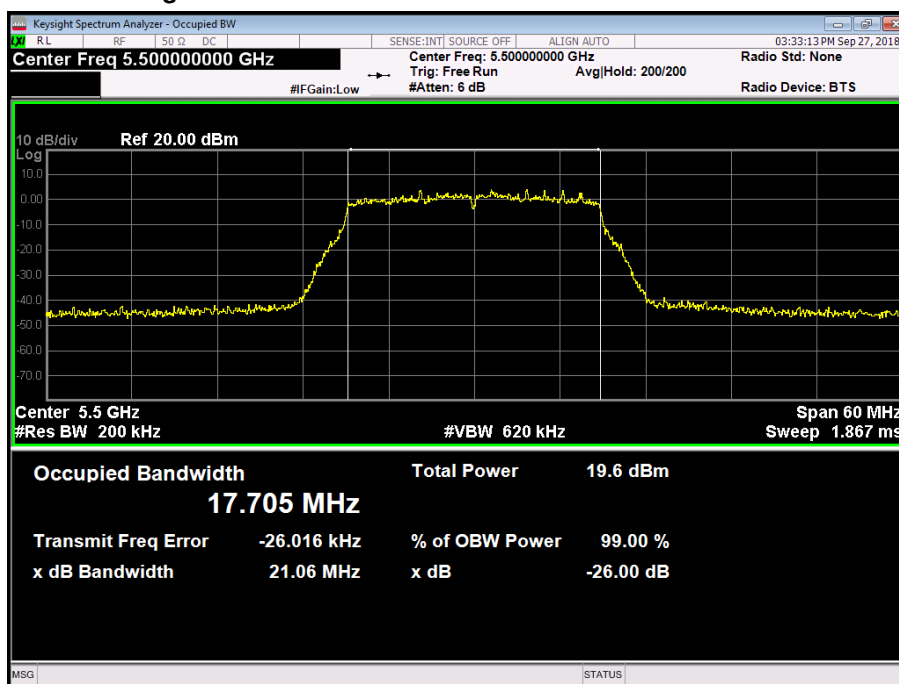


Figure 180 - 5500 MHz - 99% Occupied Bandwidth



Product Service

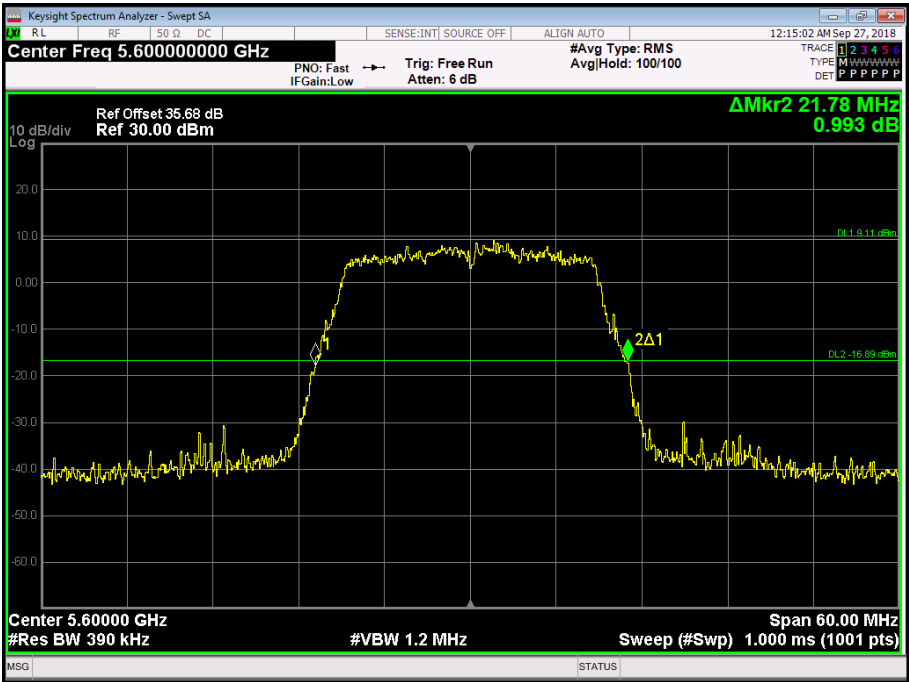


Figure 181 - 5600 MHz - 26 dB Emission Bandwidth

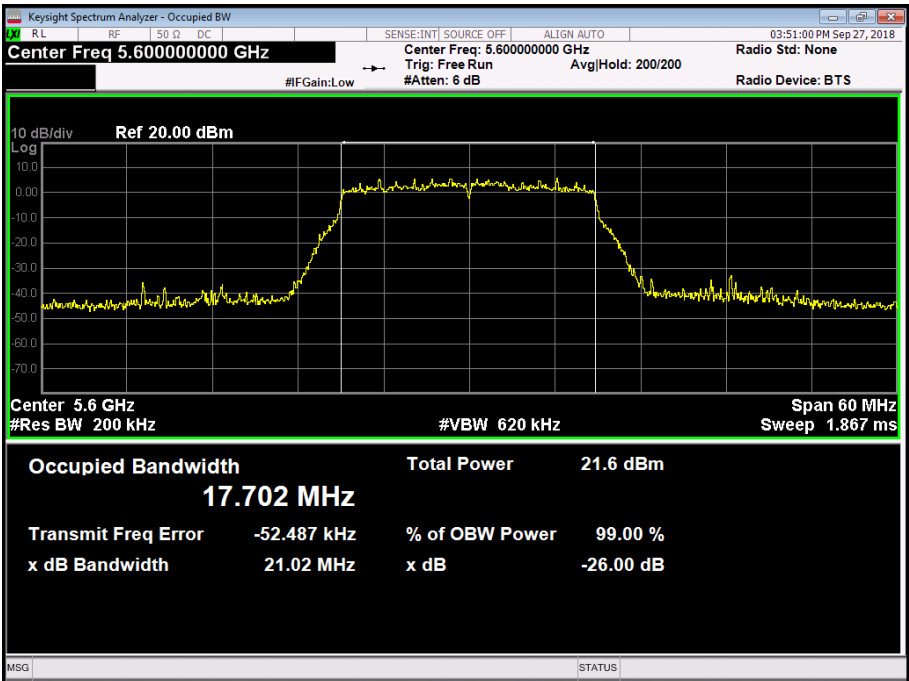


Figure 182 - 5600 MHz - 99% Occupied Bandwidth



Product Service

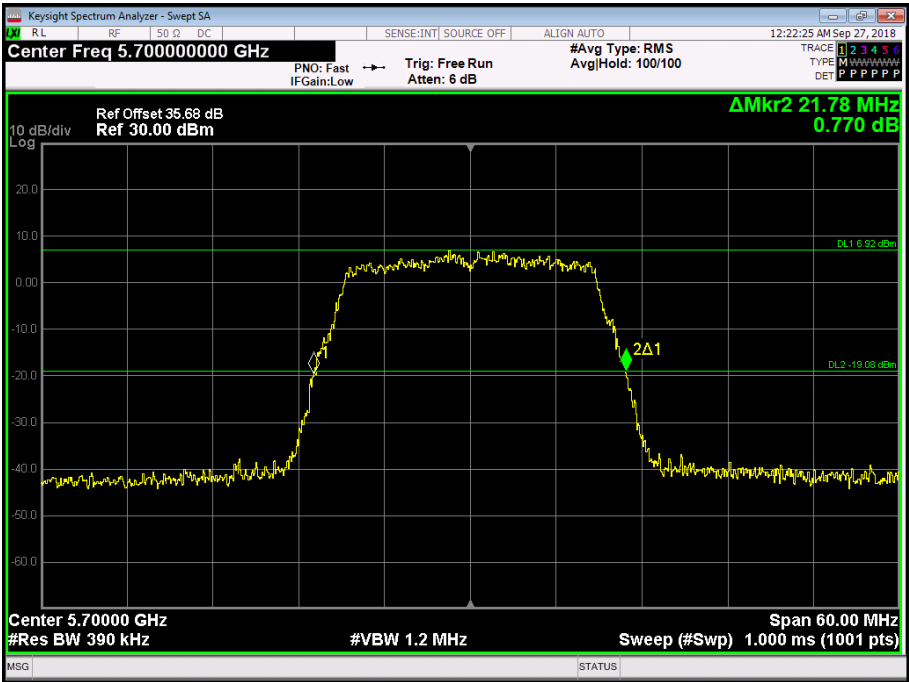


Figure 183 - 5700 MHz - 26 dB Emission Bandwidth

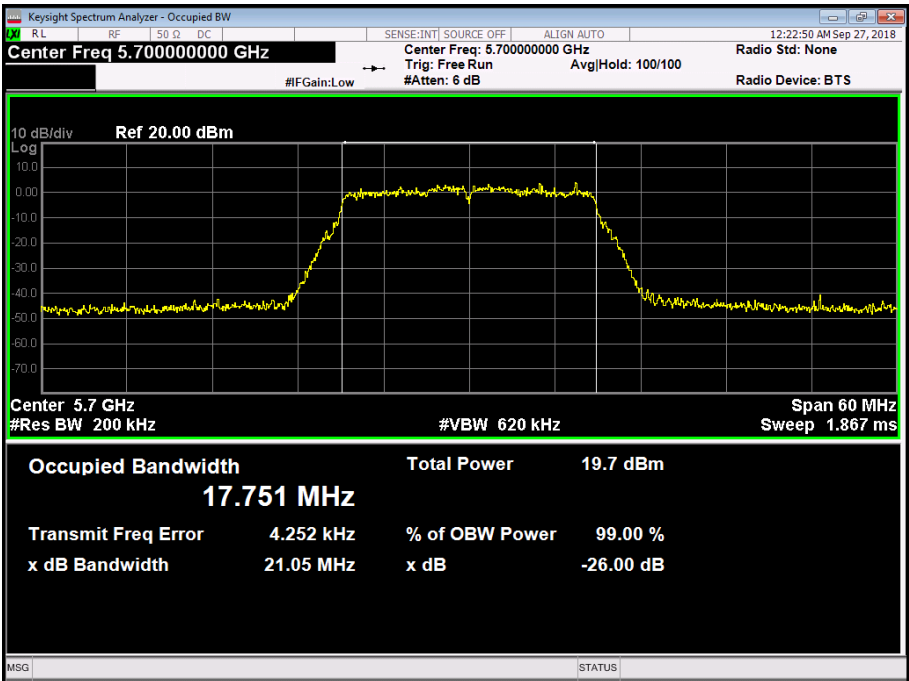


Figure 184 - 5700 MHz - 99% Occupied Bandwidth



Product Service

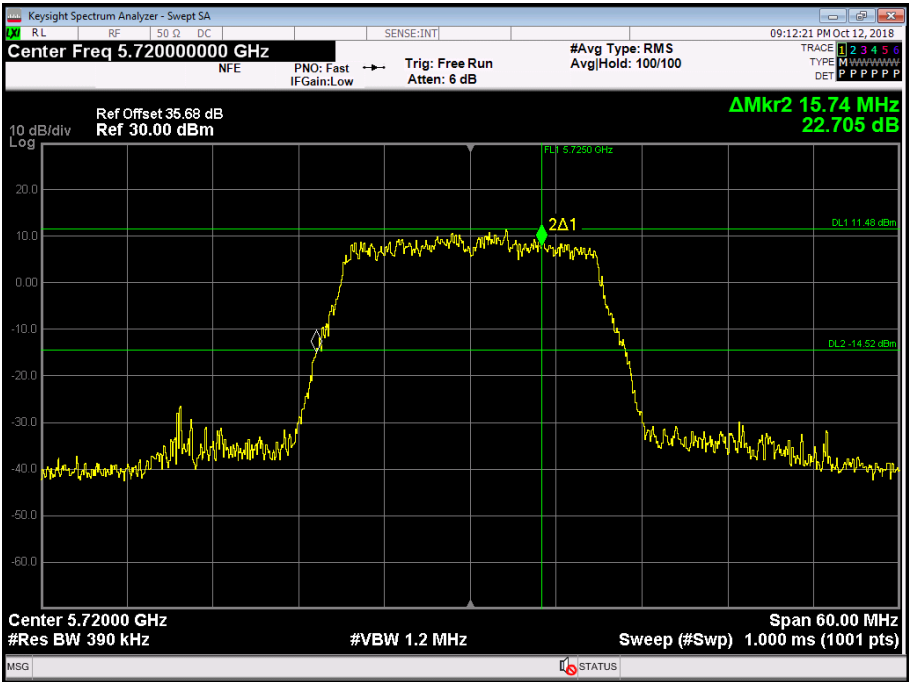


Figure 185 - 5720 MHz - 26 dB Emission Bandwidth

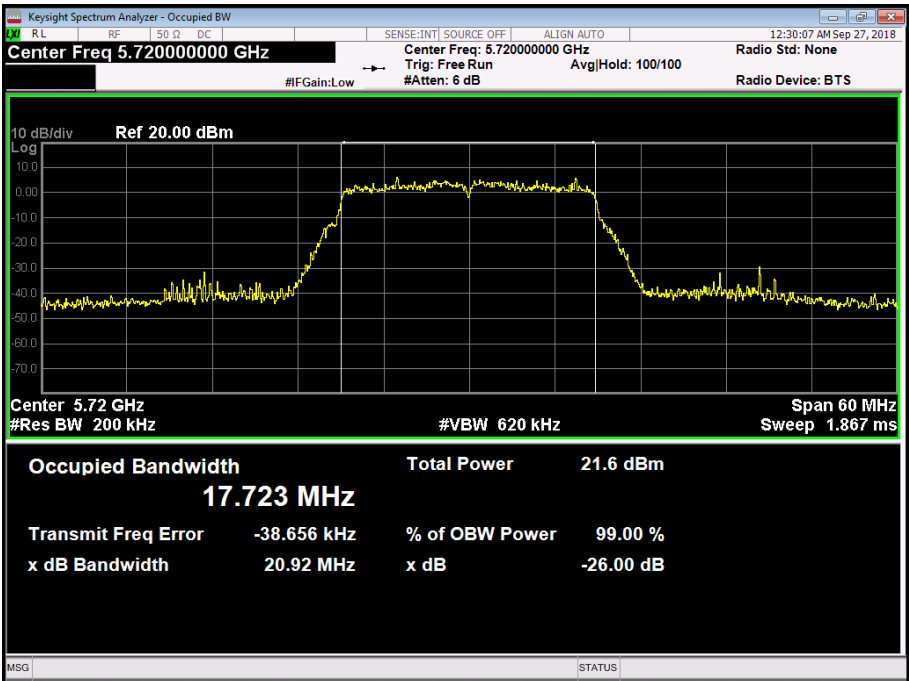


Figure 186 - 5720 MHz - 99% Occupied Bandwidth



802.11n / HT20 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
26 dB Bandwidth (MHz)	21.780	21.840	21.840	15.800
99% Bandwidth (MHz)	17.697	17.717	17.711	17.695

Table 185

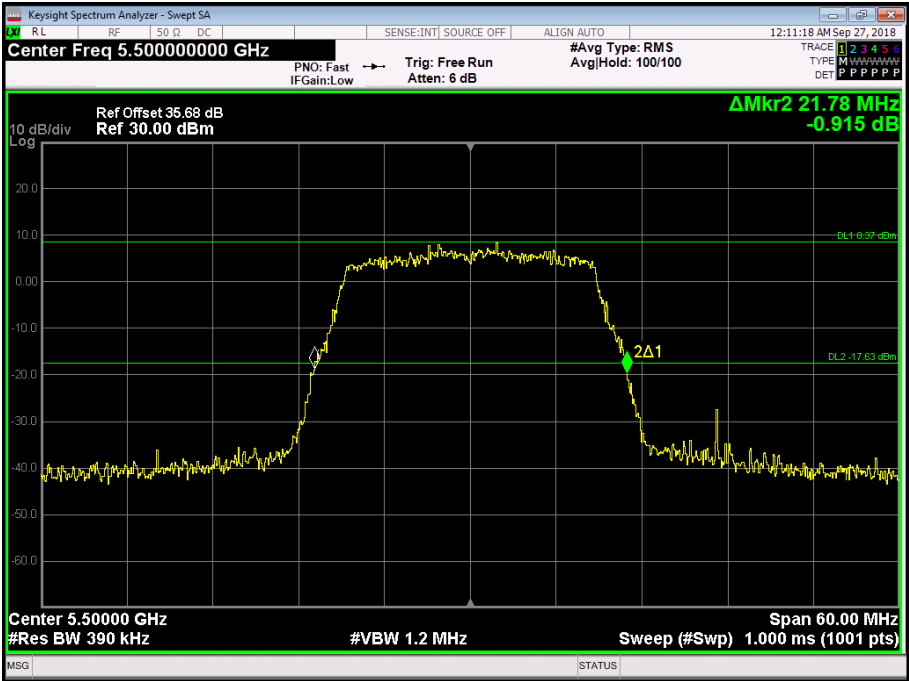


Figure 187 - 5500 MHz - 26 dB Emission Bandwidth

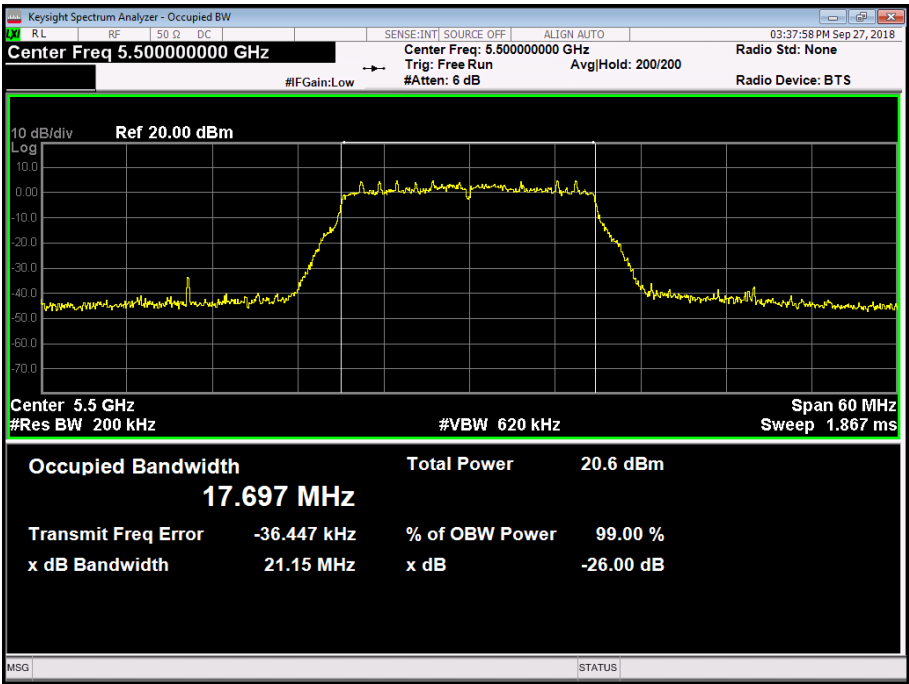


Figure 188 - 5500 MHz - 99% Occupied Bandwidth



Product Service



Figure 189 - 5600 MHz - 26 dB Emission Bandwidth

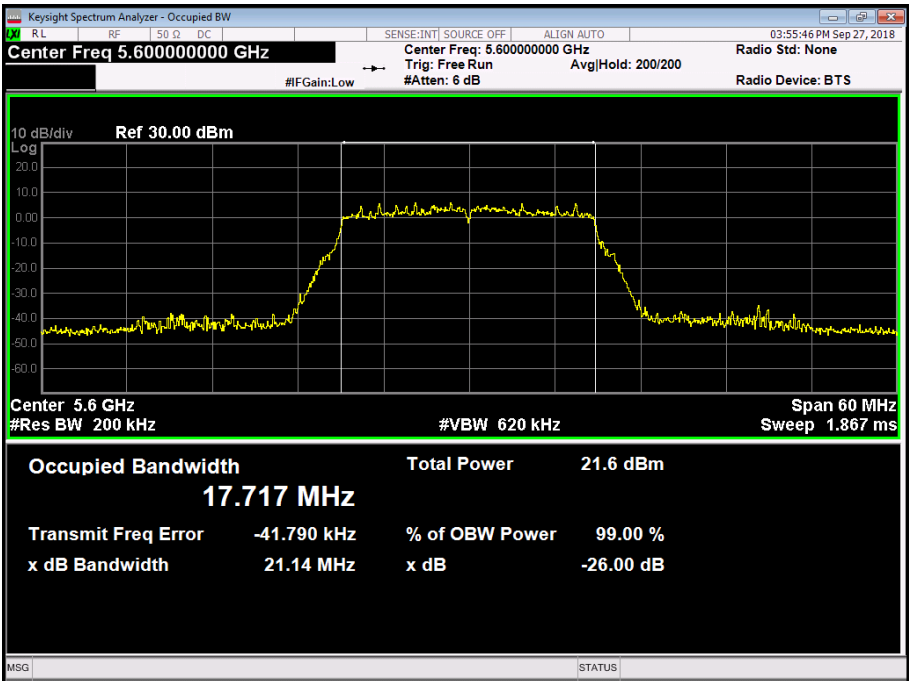


Figure 190 - 5600 MHz - 99% Occupied Bandwidth



Product Service



Figure 191 - 5700 MHz - 26 dB Emission Bandwidth

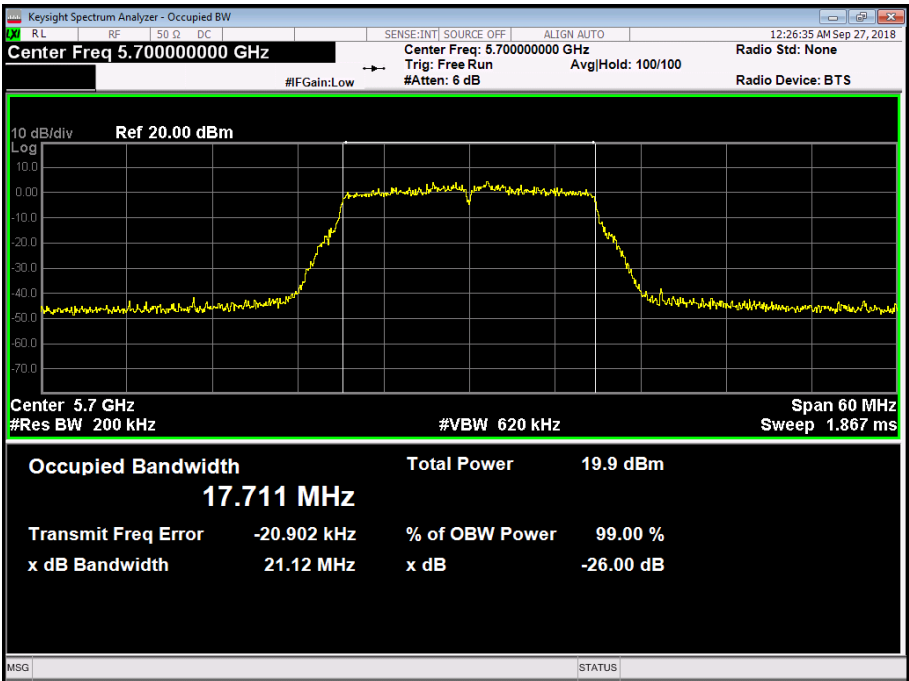


Figure 192 - 5700 MHz - 99% Occupied Bandwidth



Product Service



Figure 193 - 5720 MHz - 26 dB Emission Bandwidth

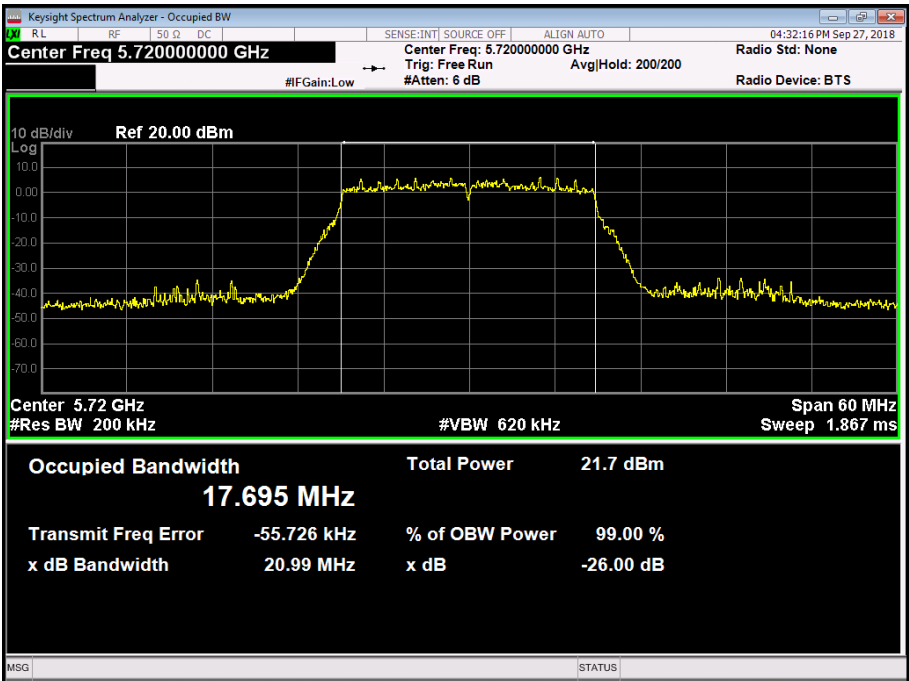


Figure 194 - 5720 MHz - 99% Occupied Bandwidth



802.11n / HT40 MCS0 / SISO / Core 1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
26 dB Bandwidth (MHz)	40.320	84.840	40.440	35.040
99% Bandwidth (MHz)	36.128	36.504	36.151	36.394

Table 186

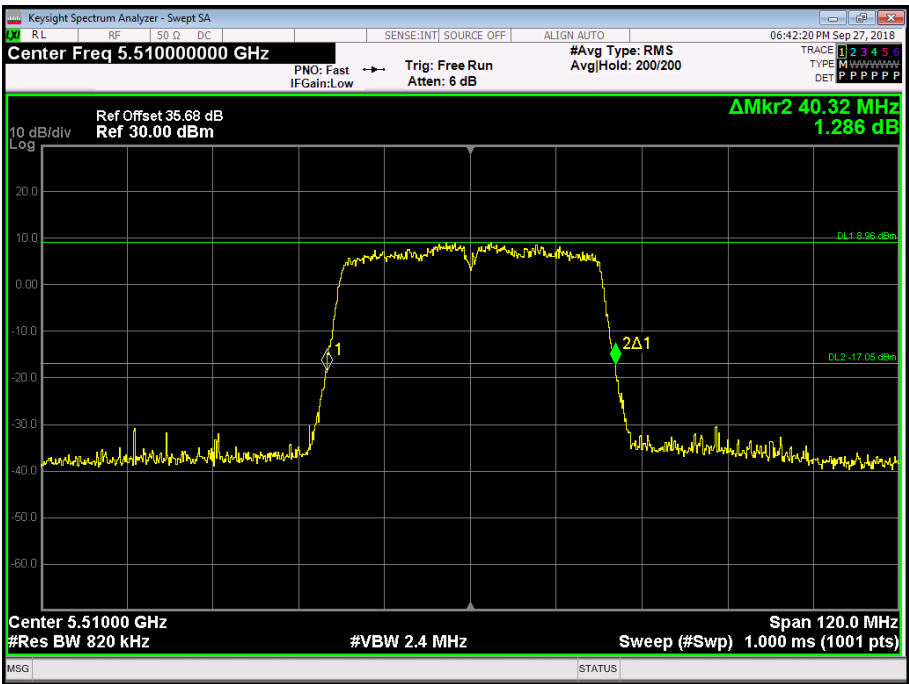


Figure 195 - 5510 MHz - 26 dB Emission Bandwidth

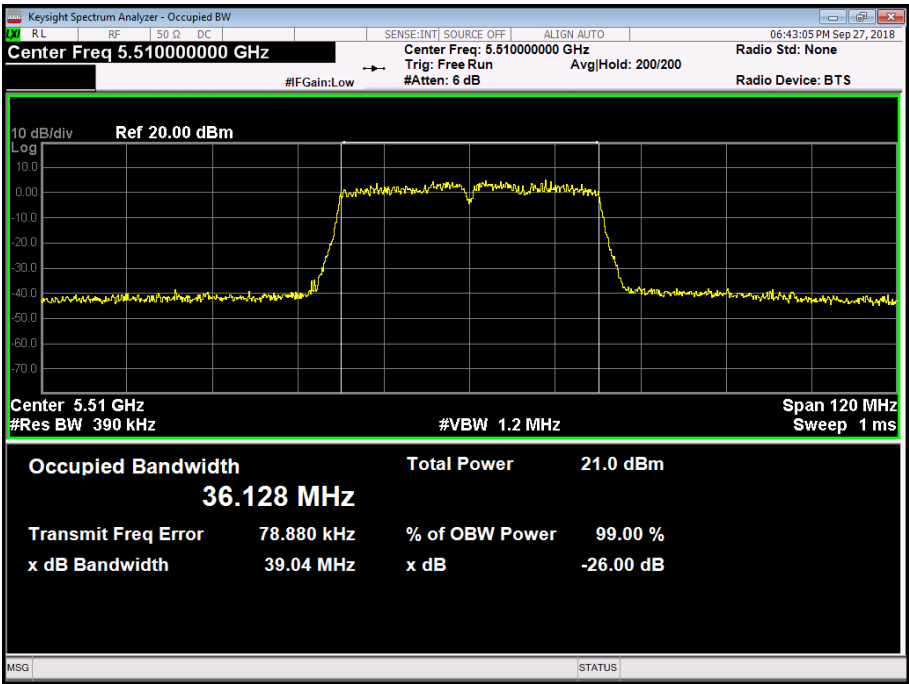


Figure 196 - 5510 MHz - 99% Occupied Bandwidth



Product Service



Figure 197 - 5590 MHz - 26 dB Emission Bandwidth

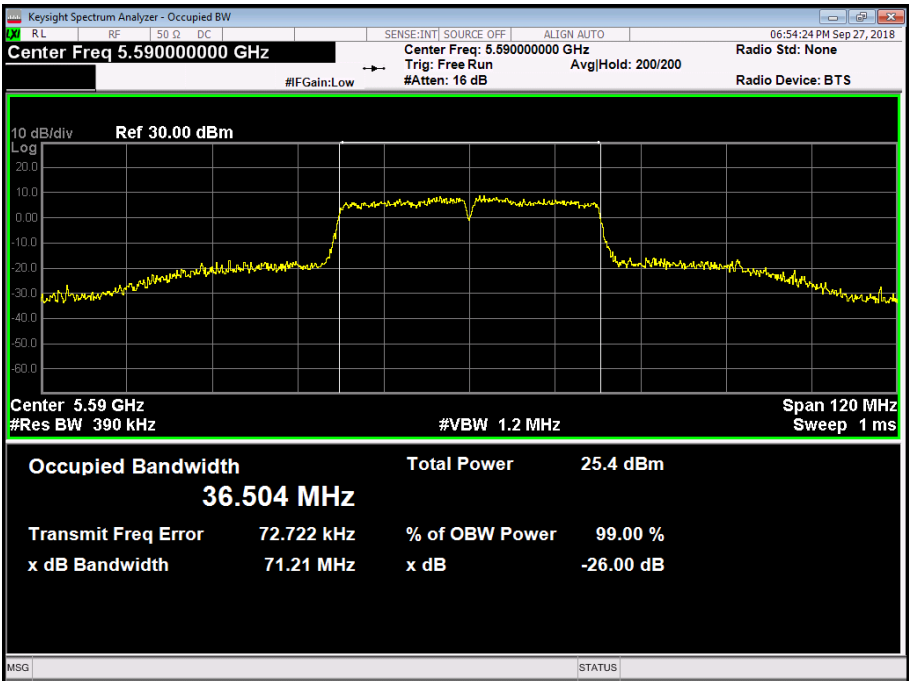


Figure 198 - 5590 MHz - 99% Occupied Bandwidth



Product Service

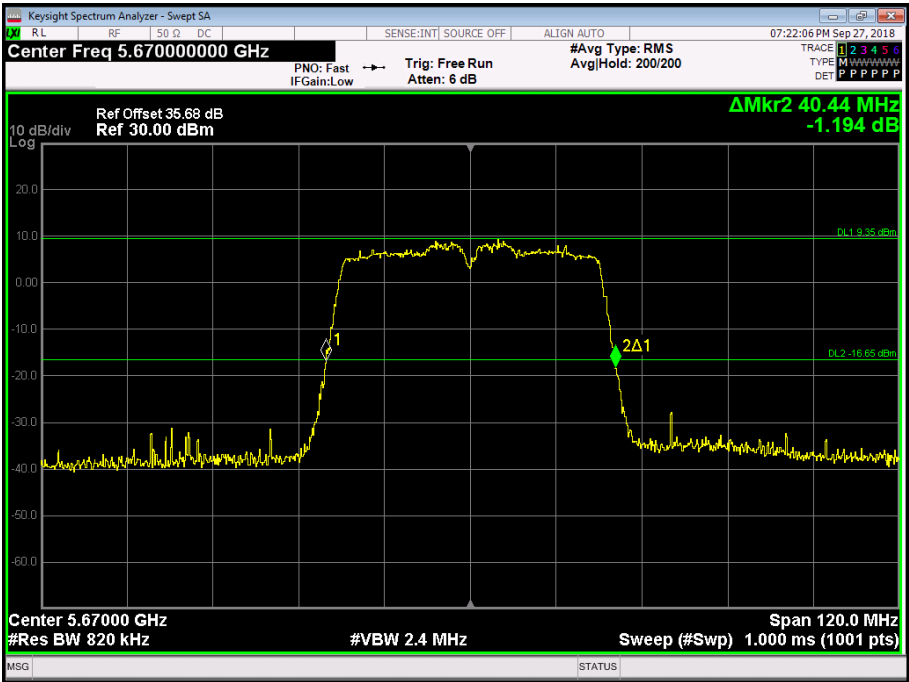


Figure 199 - 5670 MHz - 26 dB Emission Bandwidth

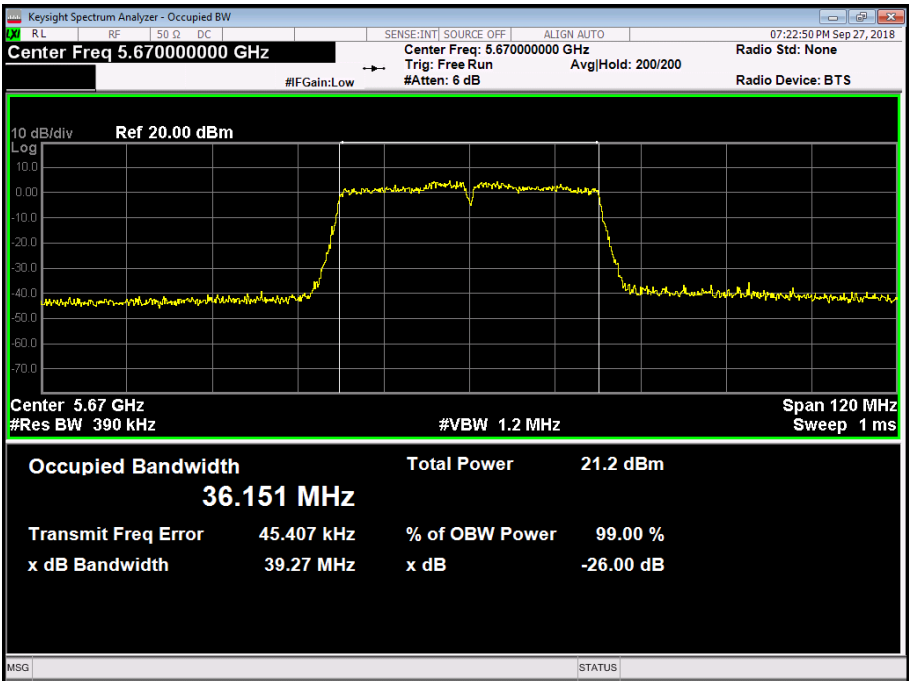


Figure 200 - 5670 MHz - 99% Occupied Bandwidth



Product Service

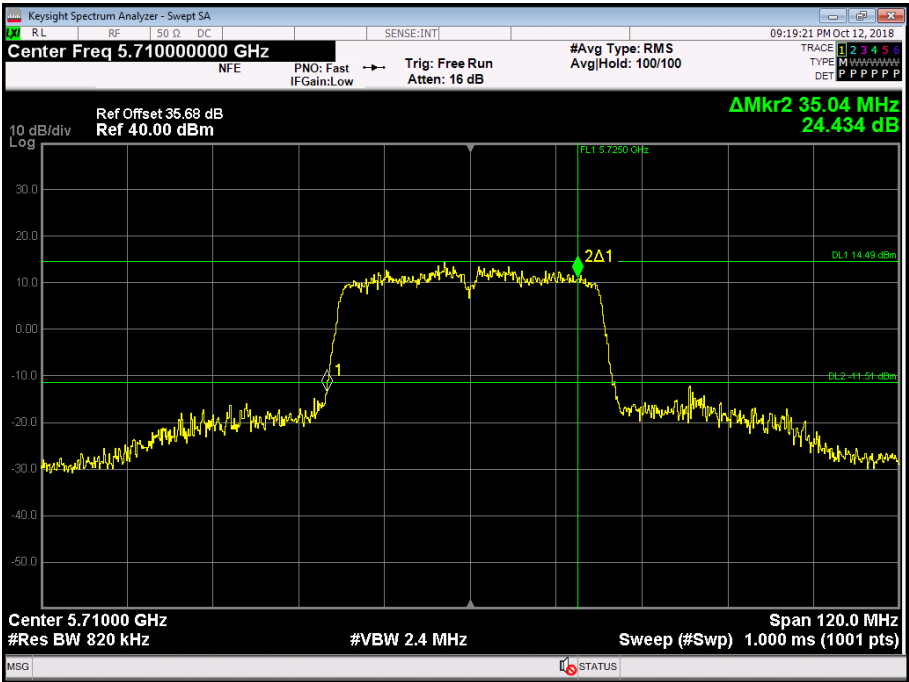


Figure 201 - 5710 MHz - 26 dB Emission Bandwidth

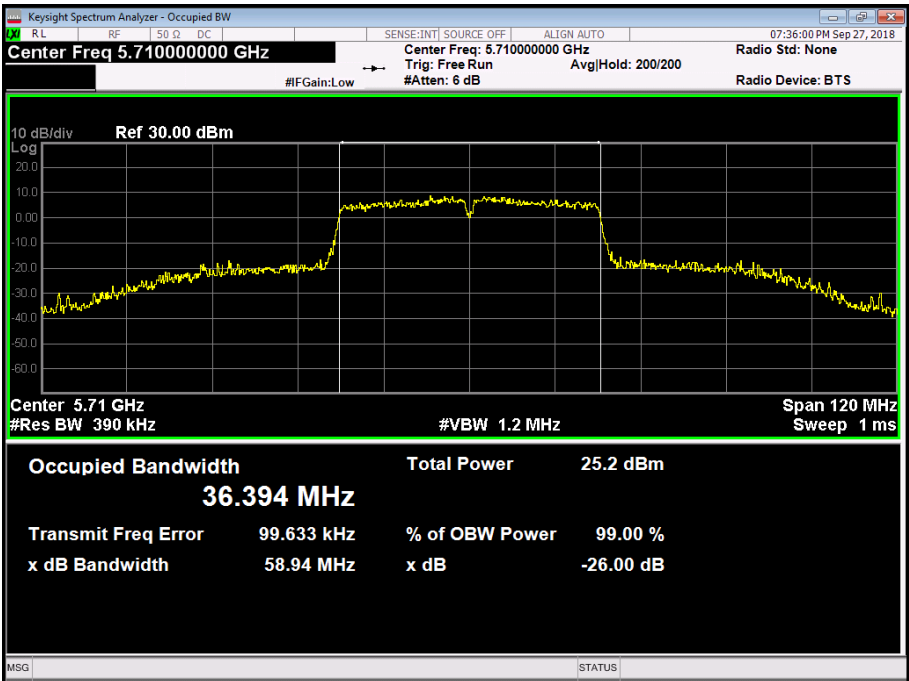


Figure 202 - 5710 MHz - 99% Occupied Bandwidth



802.11n / HT40 MCS0 / MIMO CDD / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
26 dB Bandwidth (MHz)	40.320	73.800	40.440	36.720
99% Bandwidth (MHz)	36.173	36.462	36.143	36.742

Table 187

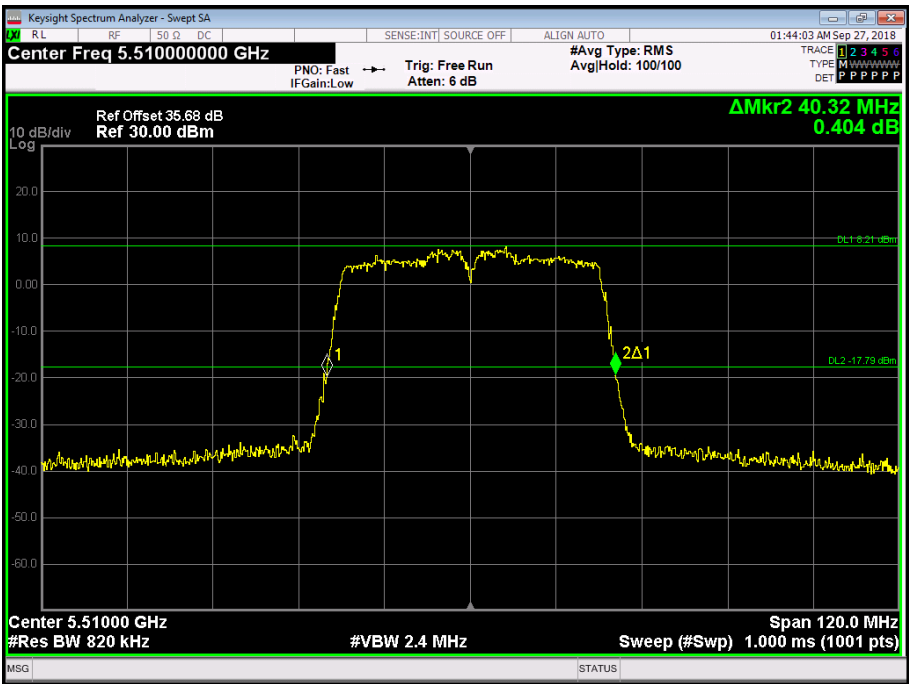


Figure 203 - 5510 MHz - 26 dB Emission Bandwidth

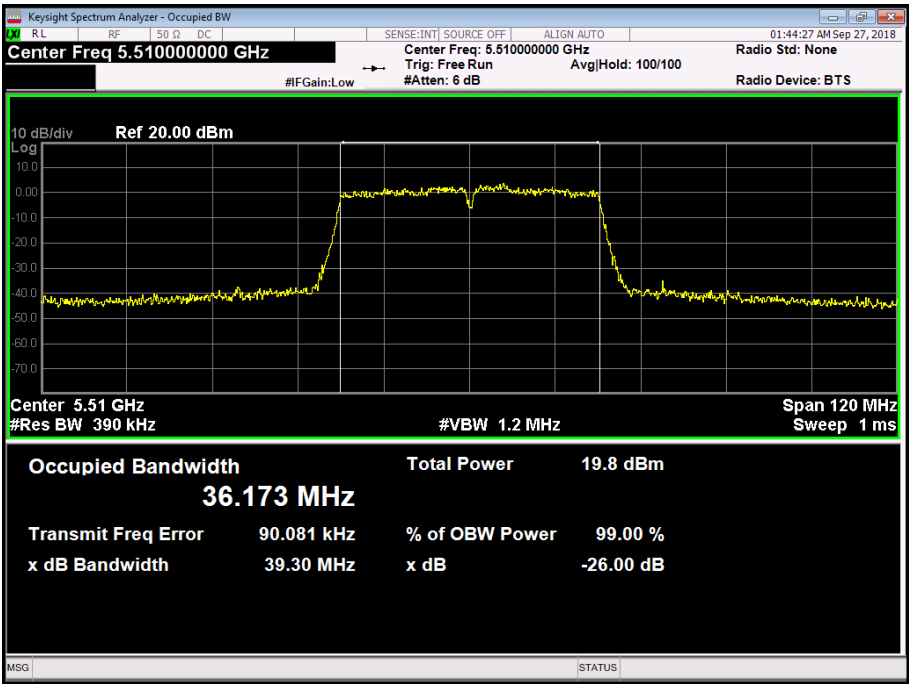


Figure 204 - 5510 MHz - 99% Occupied Bandwidth



Product Service



Figure 205 - 5590 MHz - 26 dB Emission Bandwidth

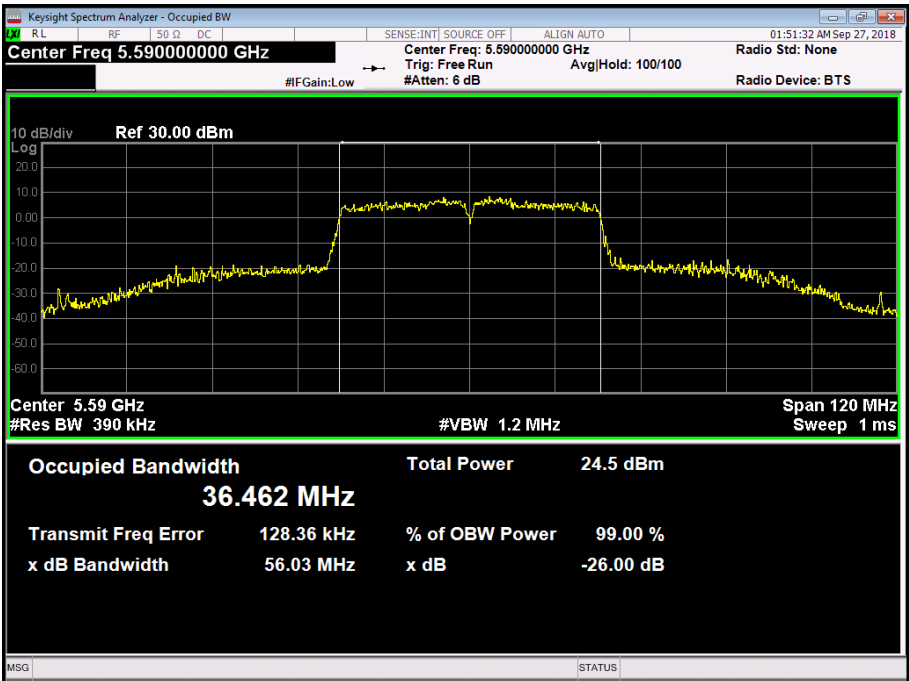


Figure 206 - 5590 MHz - 99% Occupied Bandwidth



Product Service



Figure 207 - 5670 MHz - 26 dB Emission Bandwidth

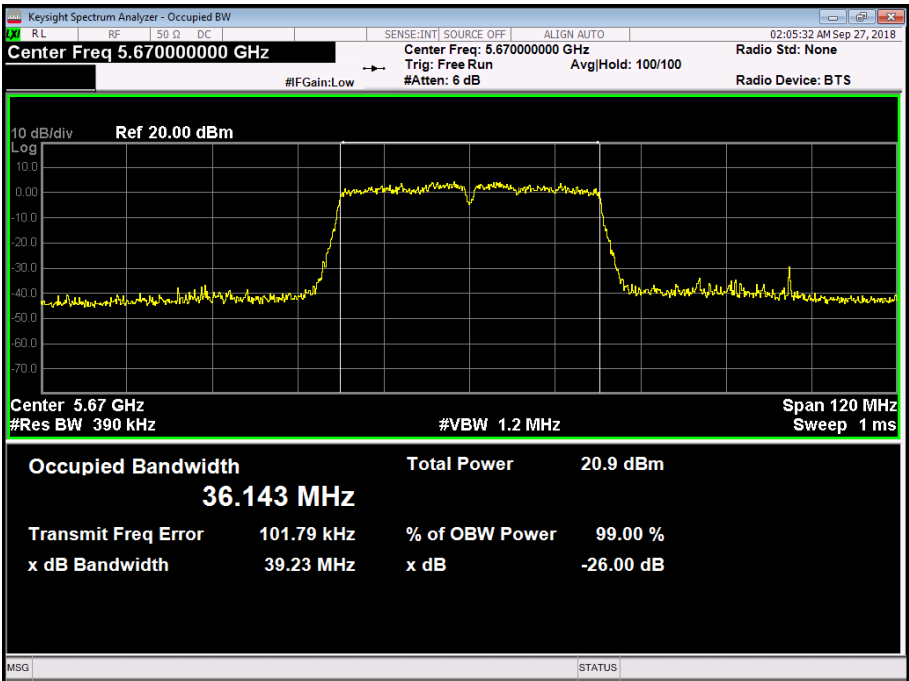


Figure 208 - 5670 MHz - 99% Occupied Bandwidth



Figure 209 - 5710 MHz - 26 dB Emission Bandwidth

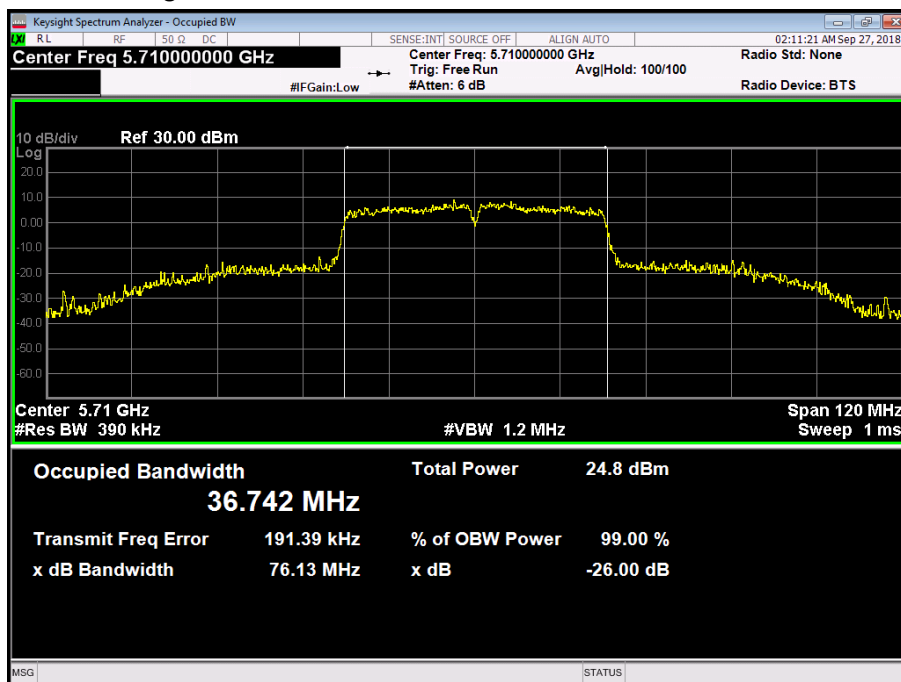


Figure 210 - 5710 MHz - 99% Occupied Bandwidth



802.11n / HT40 MCS8 / MIMO SDM / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
26 dB Bandwidth (MHz)	40.200	75.360	40.440	35.400
99% Bandwidth (MHz)	36.219	36.489	36.185	36.626

Table 188

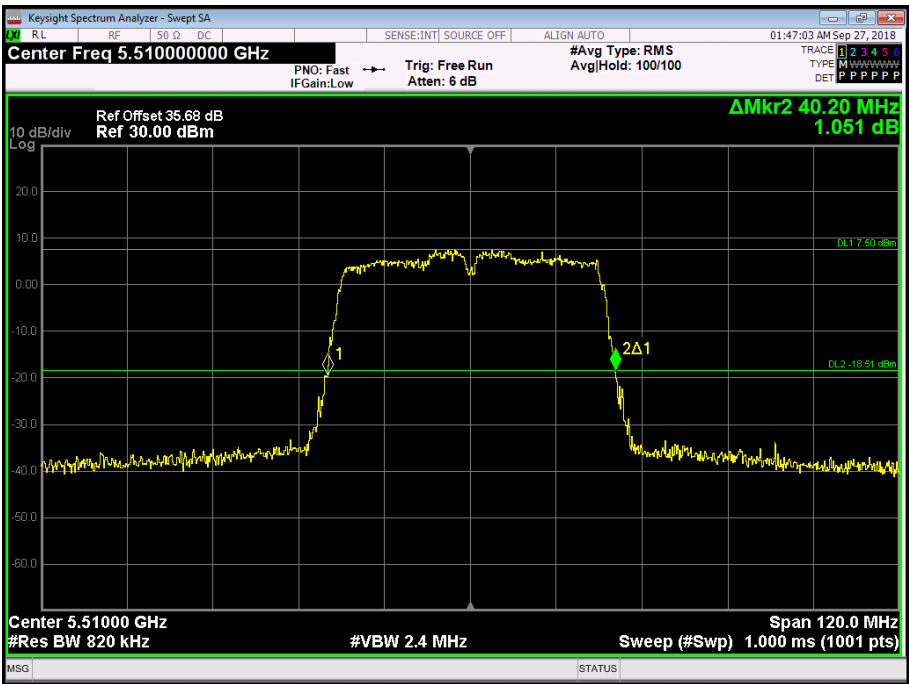


Figure 211 - 5510 MHz - 26 dB Emission Bandwidth

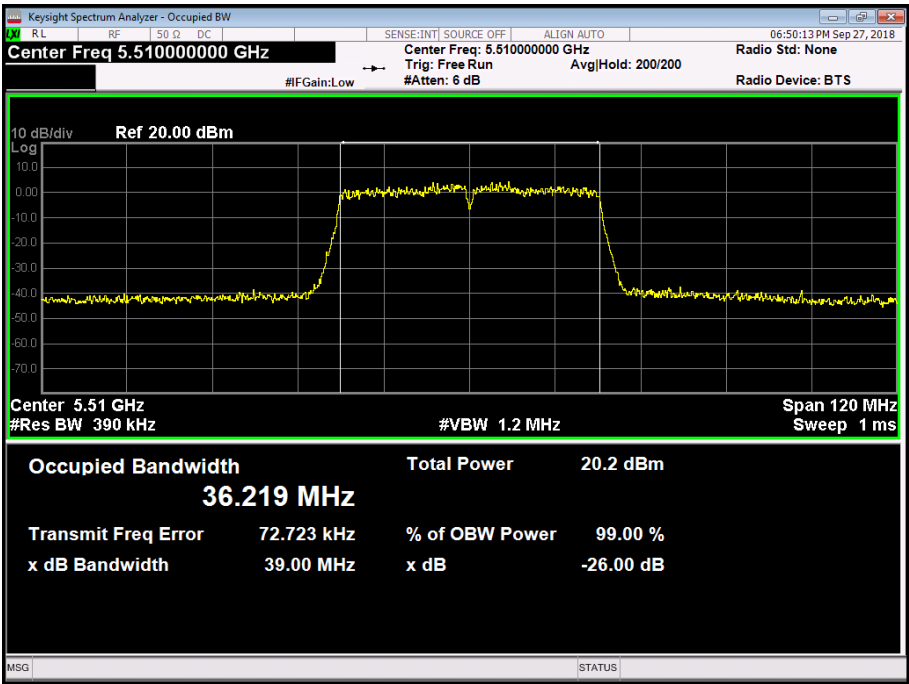


Figure 212 - 5510 MHz - 99% Occupied Bandwidth



Product Service



Figure 213 - 5590 MHz - 26 dB Emission Bandwidth

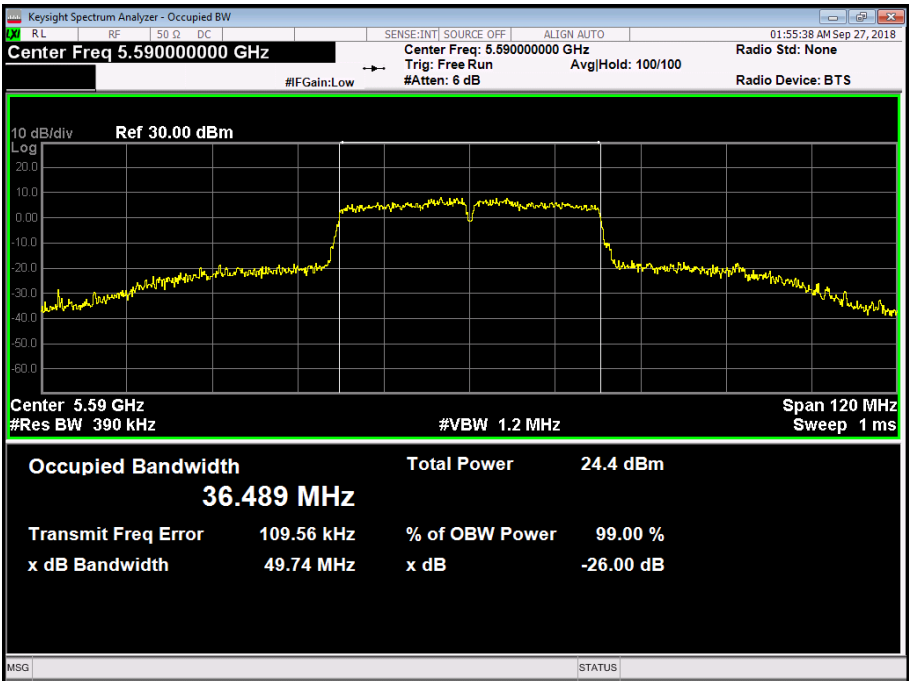


Figure 214 - 5590 MHz - 99% Occupied Bandwidth



Product Service

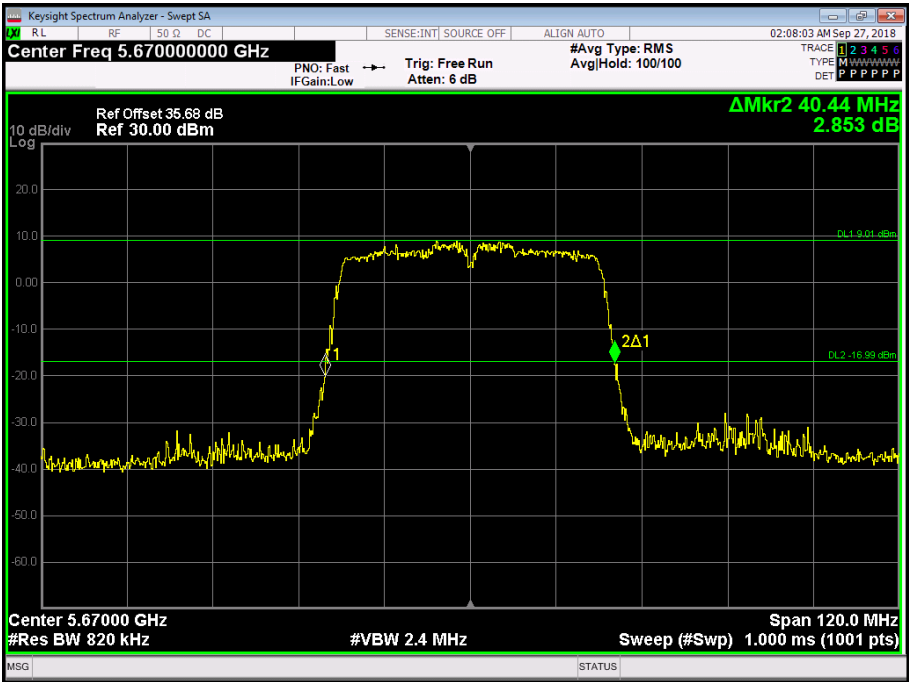


Figure 215 - 5670 MHz - 26 dB Emission Bandwidth

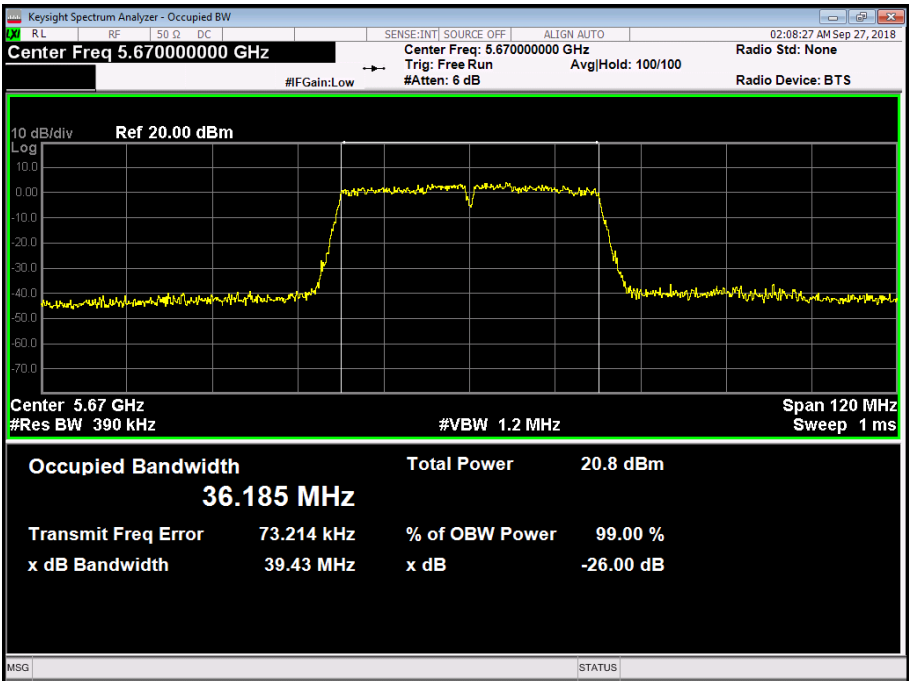


Figure 216 - 5670 MHz - 99% Occupied Bandwidth

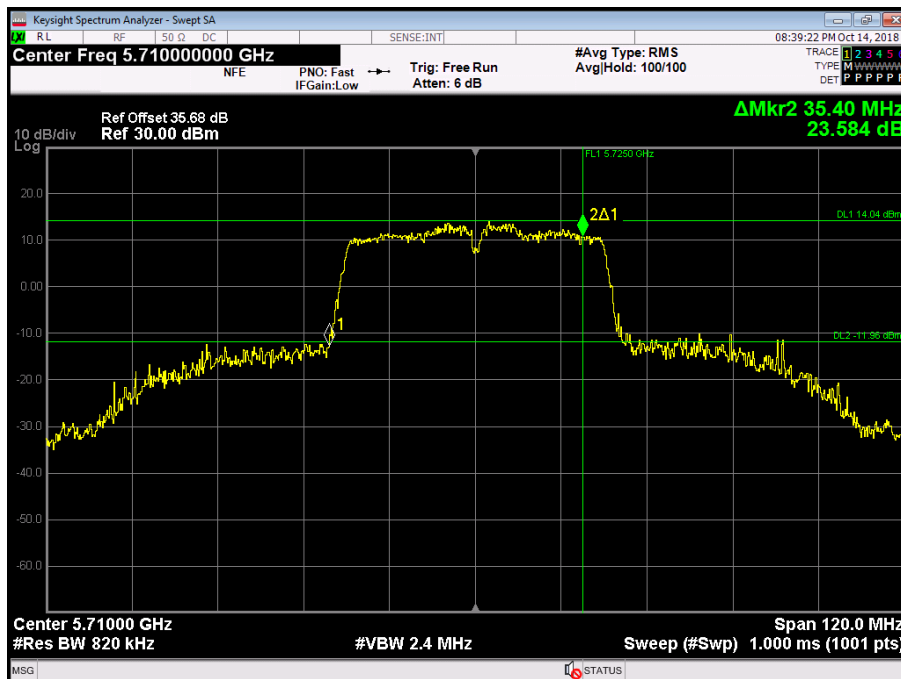


Figure 217 - 5710 MHz - 26 dB Emission Bandwidth

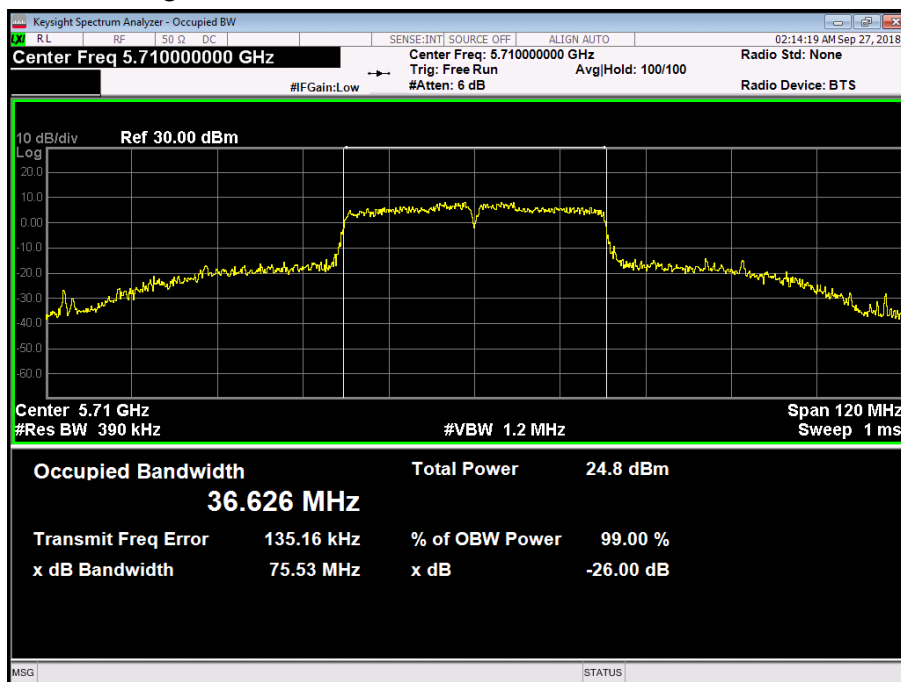


Figure 218 - 5710 MHz - 99% Occupied Bandwidth



802.11ac / VHT20 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5500	5600	5700	5720
26 dB Bandwidth (MHz)	21.720	21.660	21.780	15.800
99% Bandwidth (MHz)	17.769	17.752	17.749	17.761

Table 189

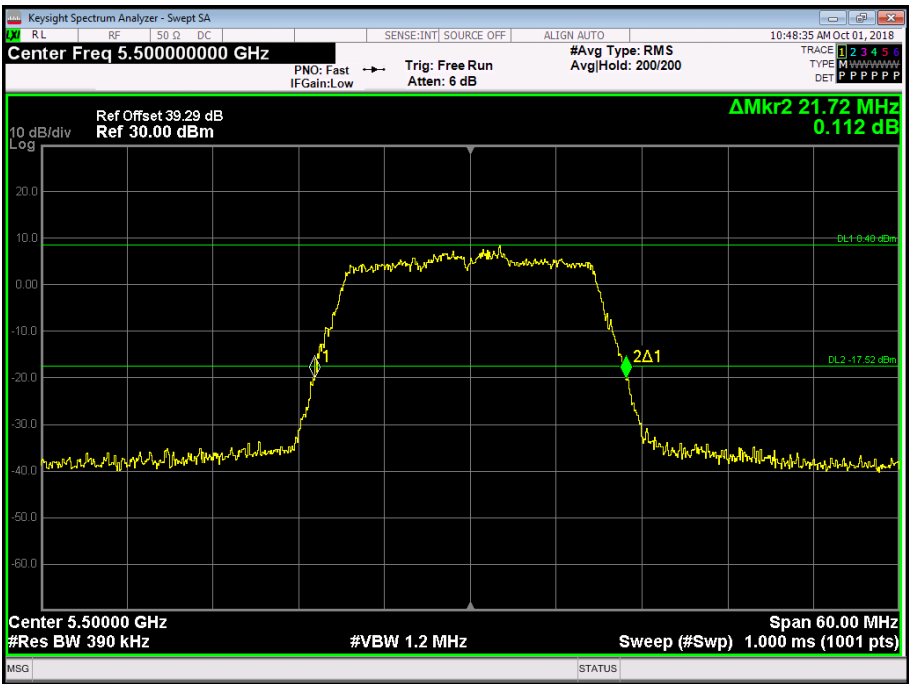


Figure 219 - 5500 MHz - 26 dB Emission Bandwidth

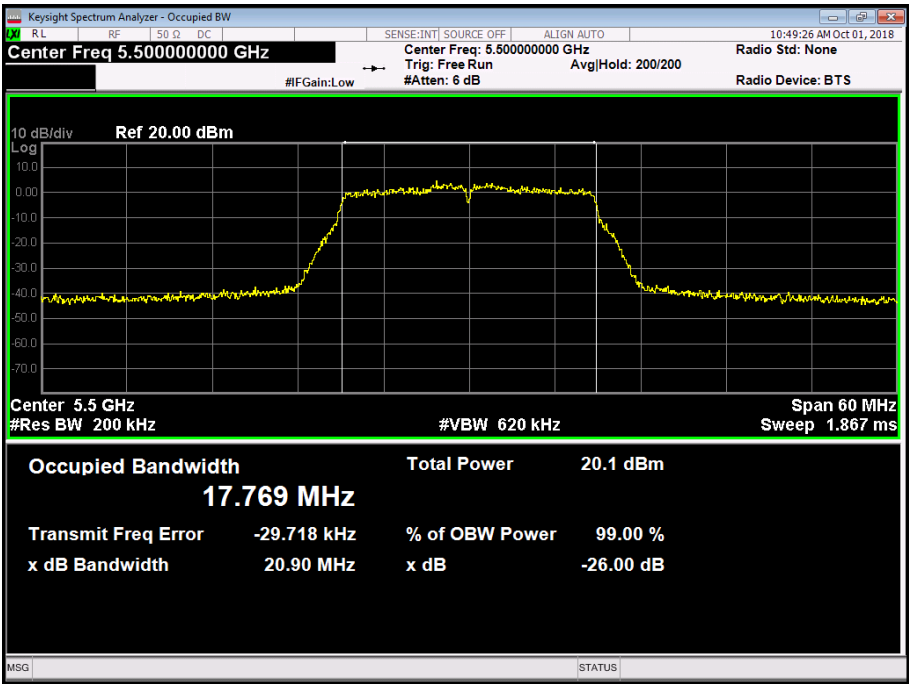


Figure 220 - 5500 MHz - 99% Occupied Bandwidth



Product Service



Figure 221 - 5600 MHz - 26 dB Emission Bandwidth

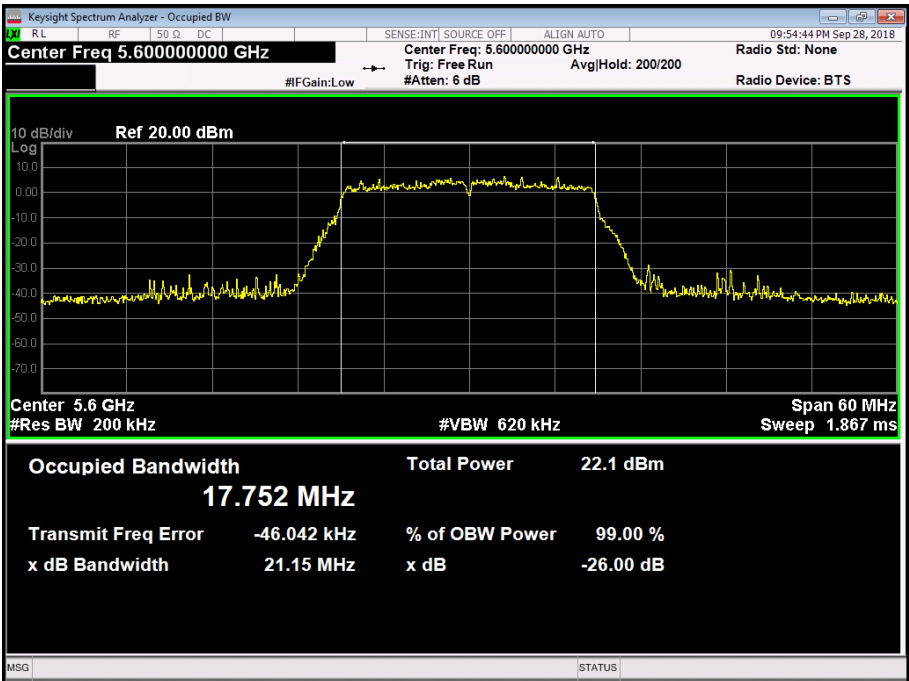


Figure 222 - 5600 MHz - 99% Occupied Bandwidth



Product Service



Figure 223 - 5700 MHz - 26 dB Emission Bandwidth

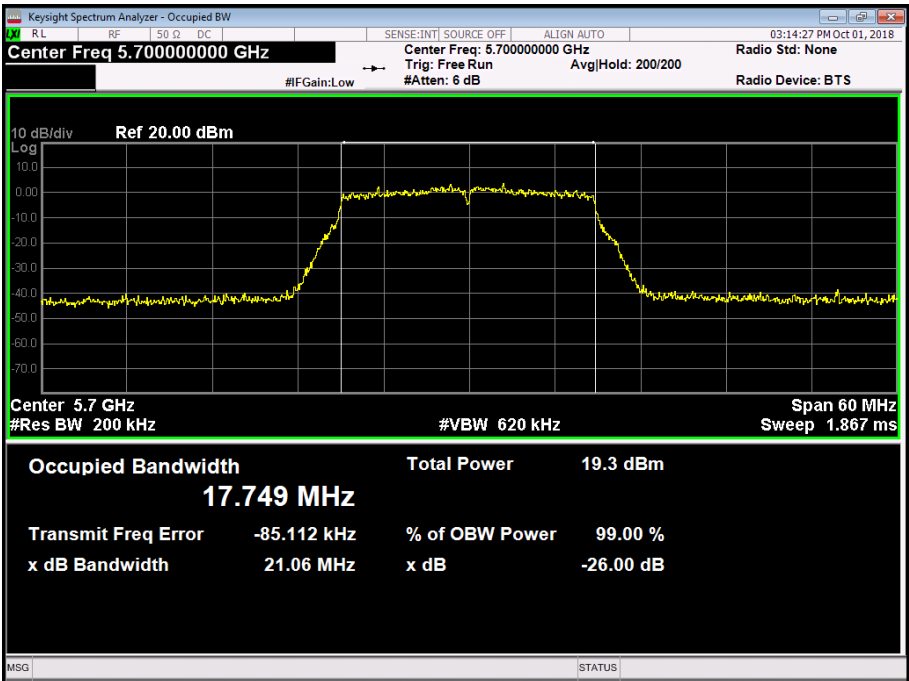


Figure 224 - 5700 MHz - 99% Occupied Bandwidth



Product Service

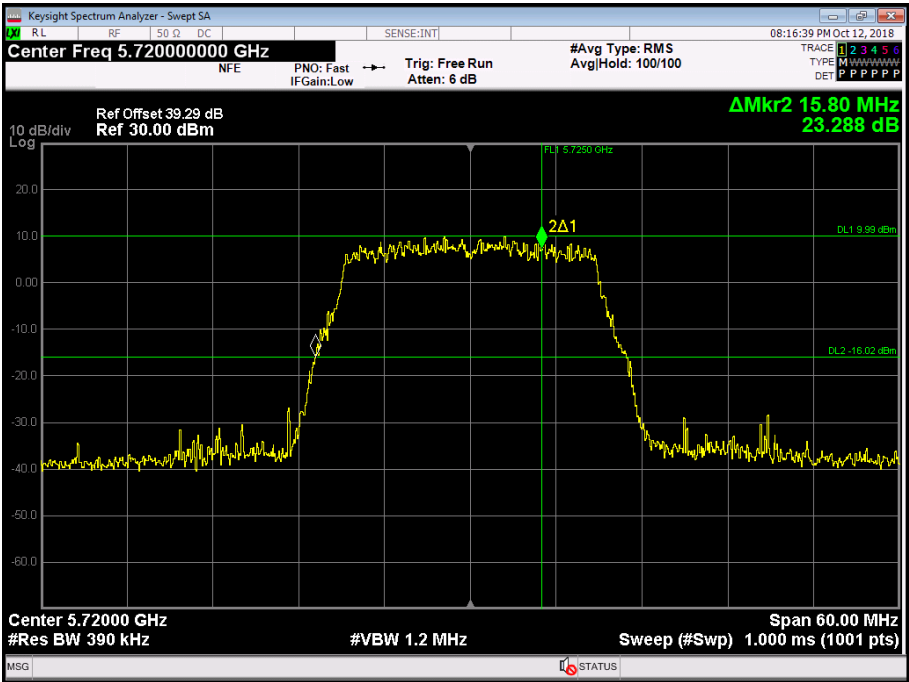


Figure 225 - 5720 MHz - 26 dB Emission Bandwidth

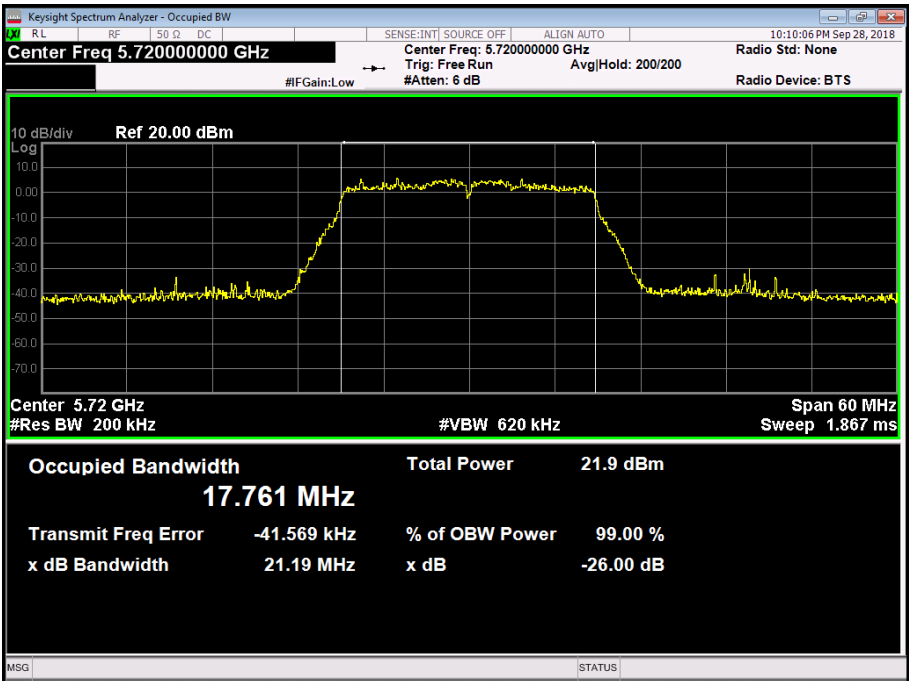


Figure 226 - 5720 MHz - 99% Occupied Bandwidth



802.11ac / VHT40 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Middle	Top	Straddle
Frequency (MHz)	5510	5590	5670	5710
26 dB Bandwidth (MHz)	40.320	87.120	40.560	35.400
99% Bandwidth (MHz)	36.182	36.764	36.192	36.698

Table 190

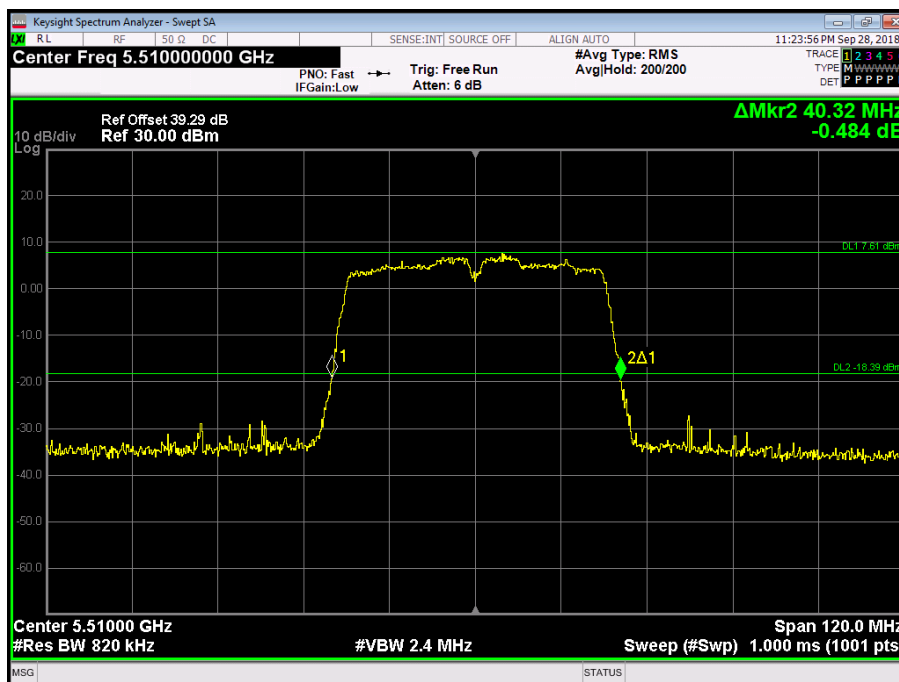


Figure 227 - 5510 MHz - 26 dB Emission Bandwidth

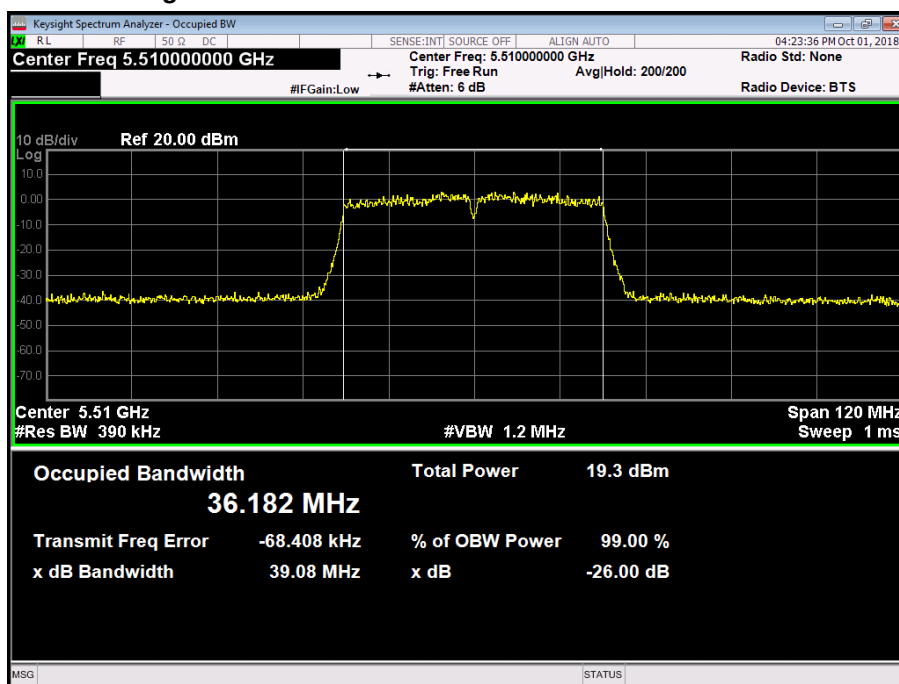


Figure 228 - 5510 MHz - 99% Occupied Bandwidth



Product Service



Figure 229 - 5590 MHz - 26 dB Emission Bandwidth

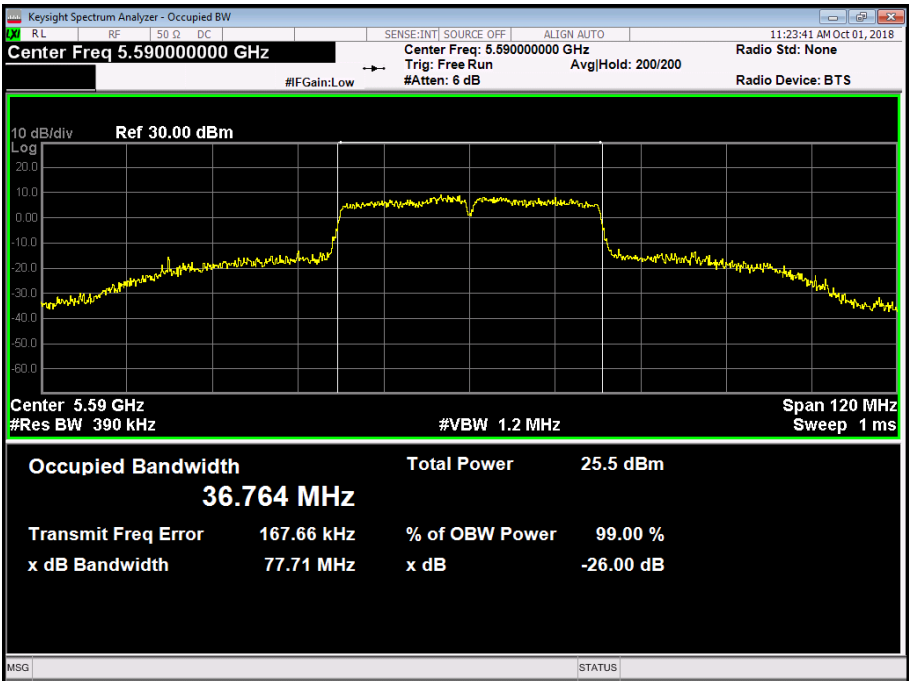


Figure 230 - 5590 MHz - 99% Occupied Bandwidth



Product Service



Figure 231 - 5670 MHz - 26 dB Emission Bandwidth

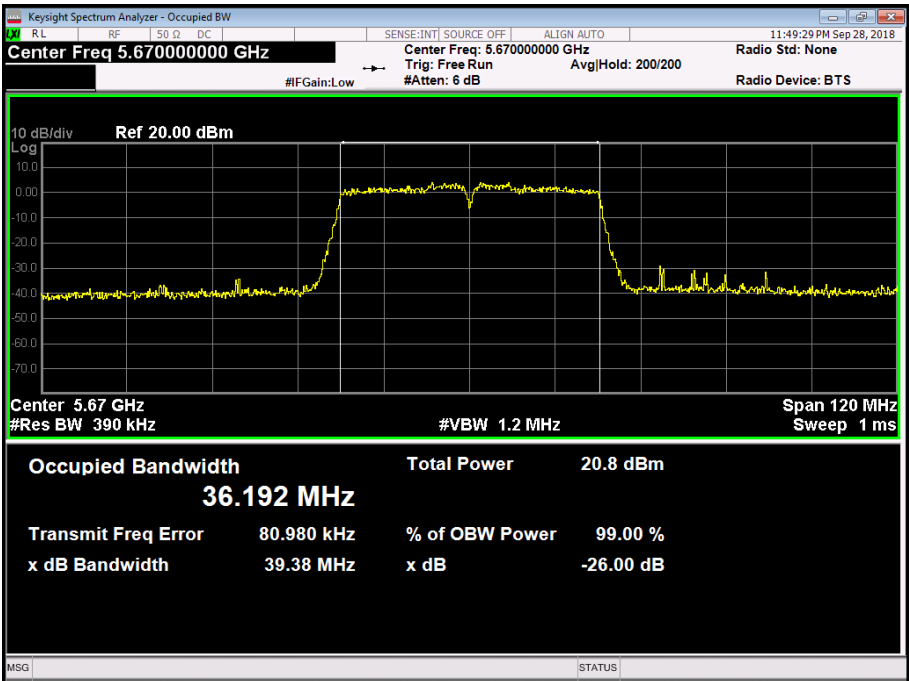


Figure 232 - 5670 MHz - 99% Occupied Bandwidth



Product Service



Figure 233 - 5710 MHz - 26 dB Emission Bandwidth

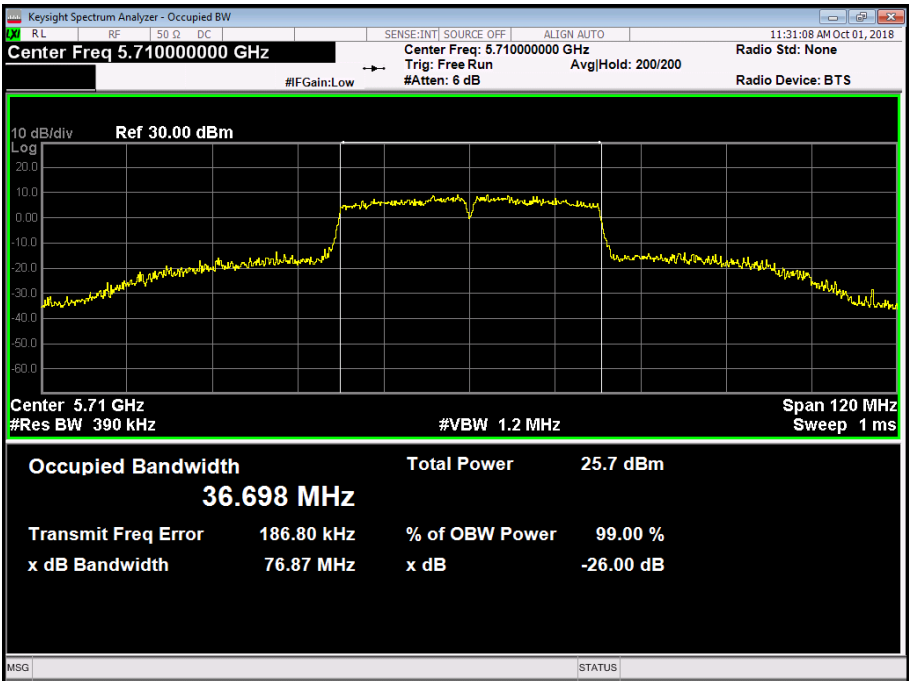


Figure 234 - 5710 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x1 / SISO / Core 1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
26 dB Bandwidth (MHz)	81.360	81.840	75.560
99% Bandwidth (MHz)	75.525	75.640	76.415

Table 191

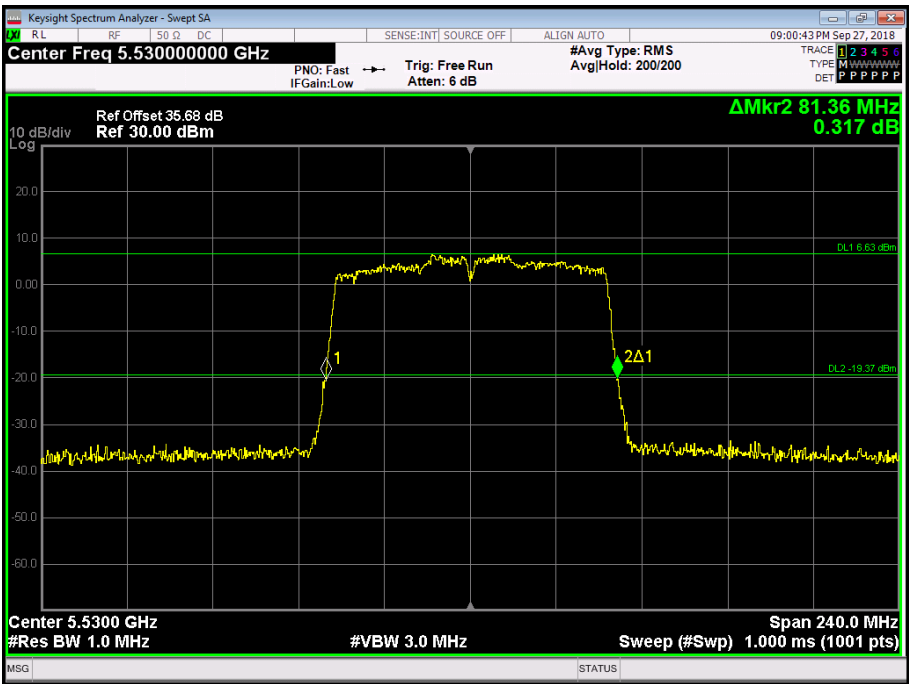


Figure 235 - 5530 MHz - 26 dB Emission Bandwidth

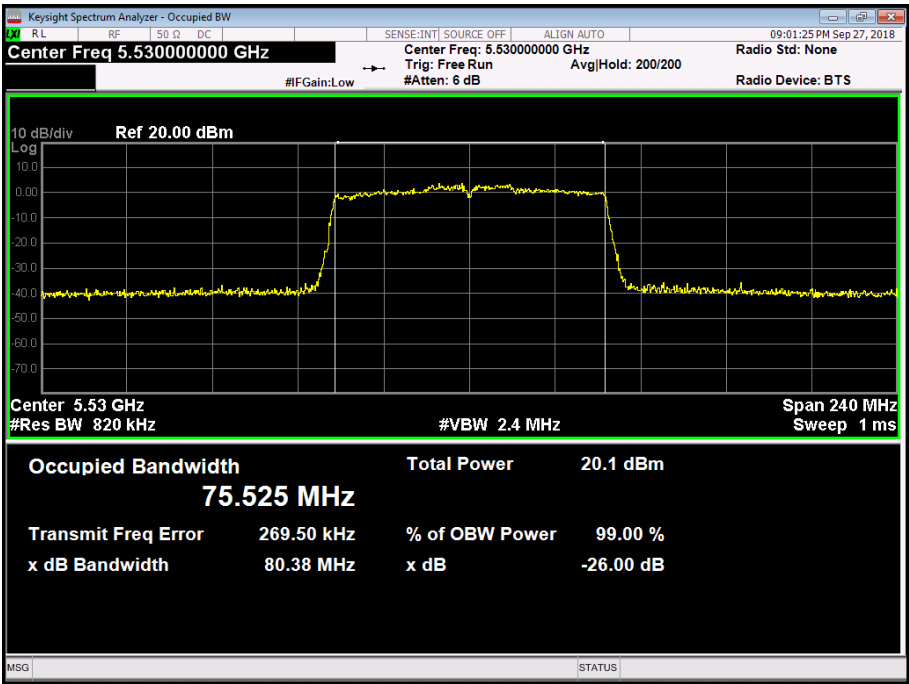


Figure 236 - 5530 MHz - 99% Occupied Bandwidth



Product Service



Figure 237 - 5610 MHz - 26 dB Emission Bandwidth

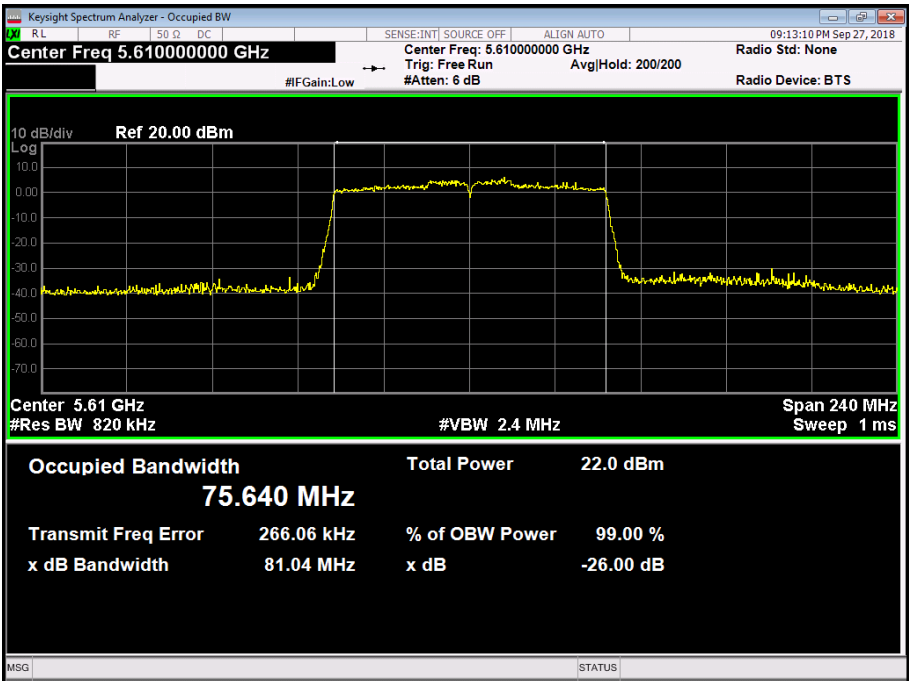


Figure 238 - 5610 MHz - 99% Occupied Bandwidth



Product Service



Figure 239 - 5690 MHz - 26 dB Emission Bandwidth

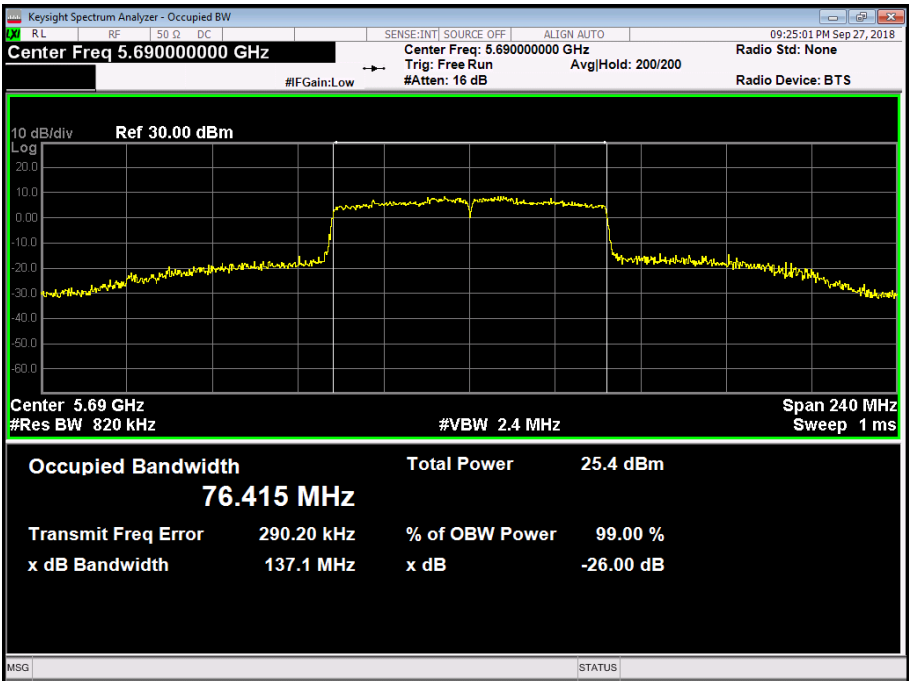


Figure 240 - 5690 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x1 / MIMO CDD / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
26 dB Bandwidth (MHz)	81.120	81.840	75.800
99% Bandwidth (MHz)	75.487	75.627	76.255

Table 192

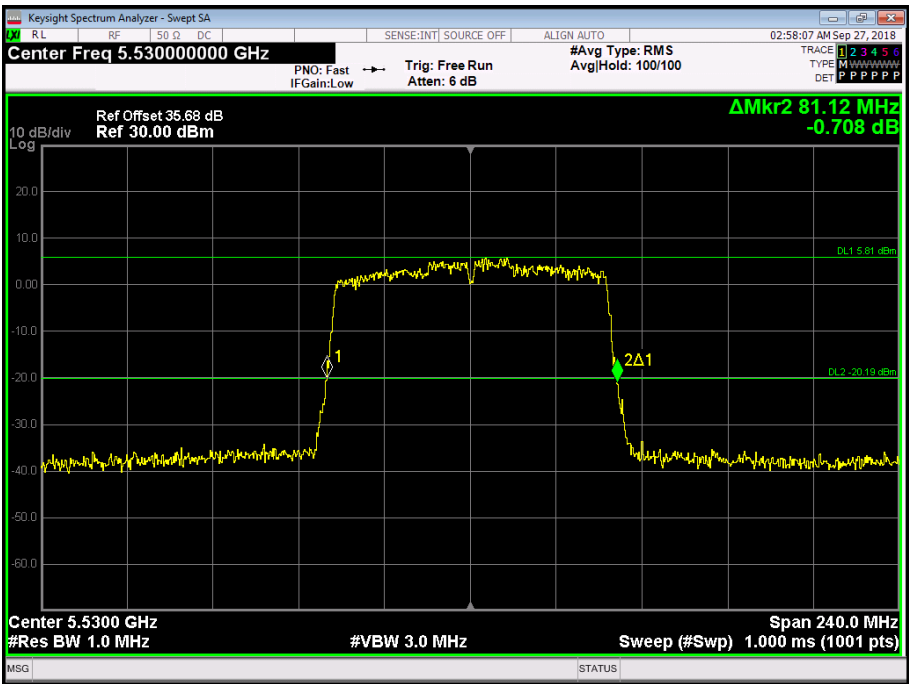


Figure 241 - 5530 MHz - 26 dB Emission Bandwidth

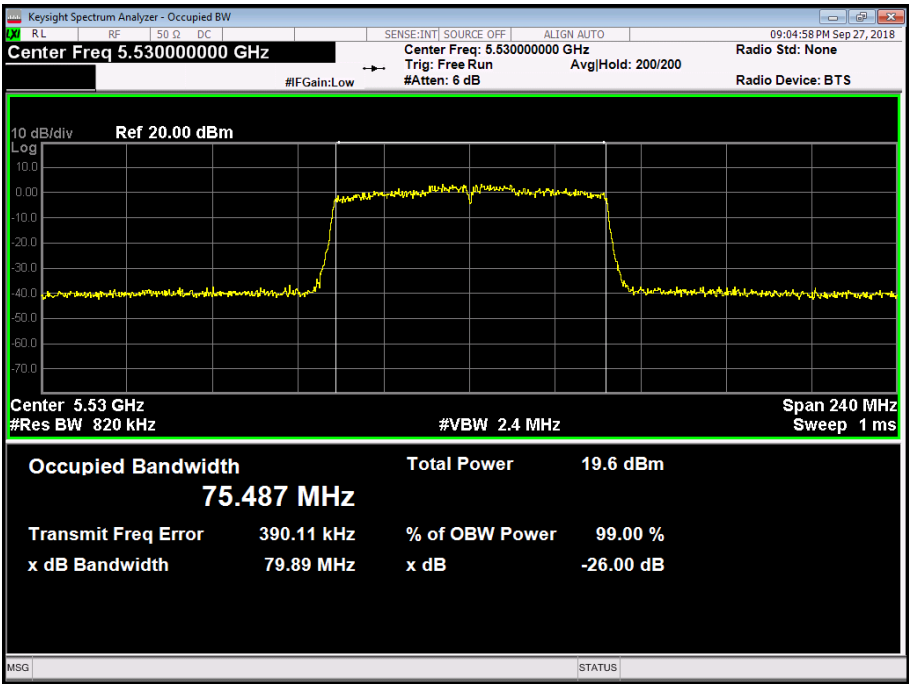


Figure 242 - 5530 MHz - 99% Occupied Bandwidth



Product Service



Figure 243 - 5610 MHz - 26 dB Emission Bandwidth

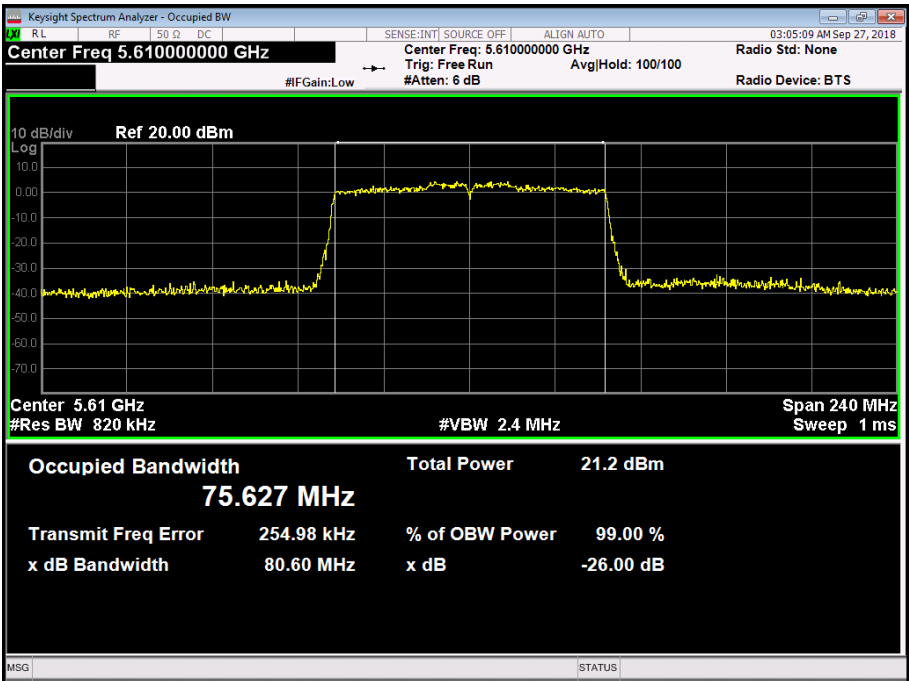


Figure 244 - 5610 MHz - 99% Occupied Bandwidth



Product Service



Figure 245 - 5690 MHz - 26 dB Emission Bandwidth

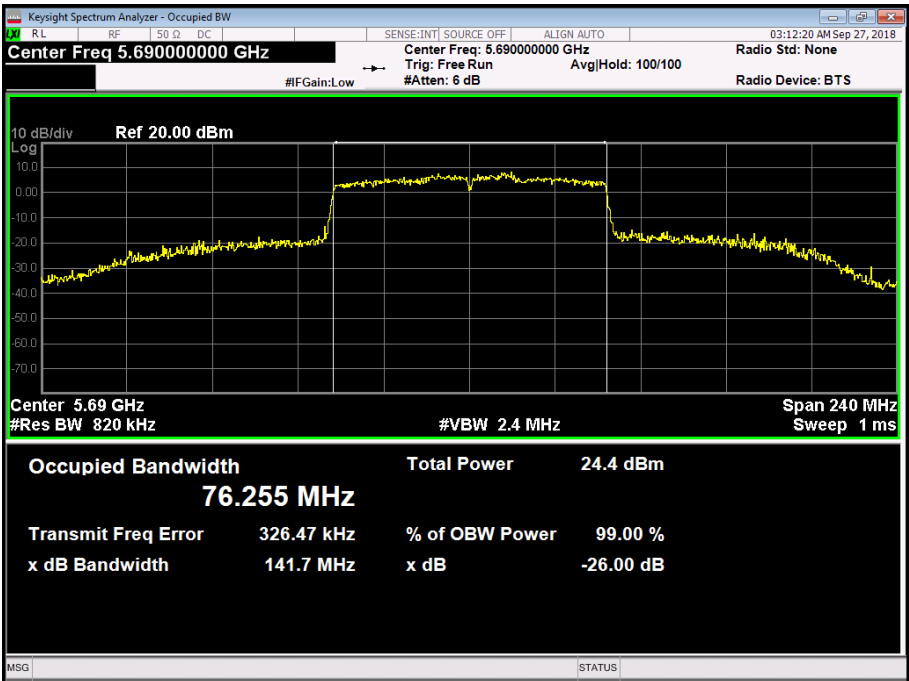


Figure 246 - 5690 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x2 / MIMO SDM / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
26 dB Bandwidth (MHz)	81.600	81.840	76.040
99% Bandwidth (MHz)	75.551	75.682	77.844

Table 193

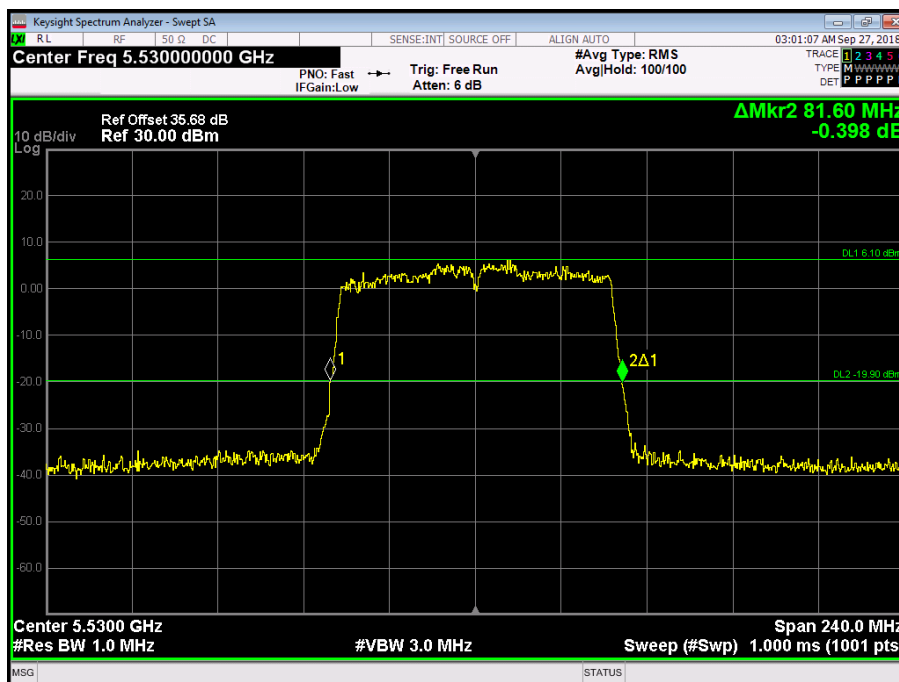


Figure 247 - 5530 MHz - 26 dB Emission Bandwidth

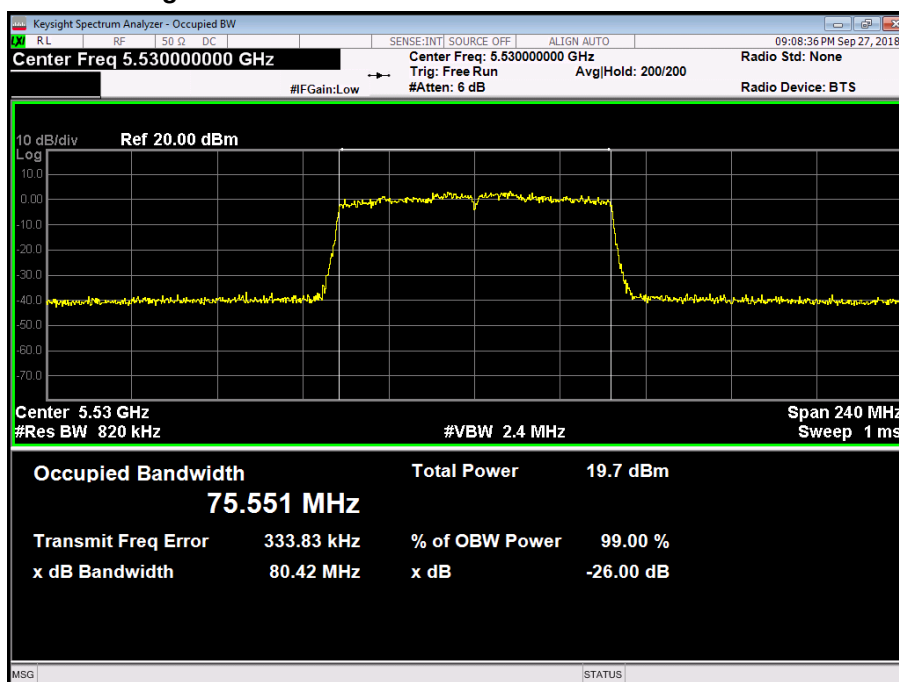


Figure 248 - 5530 MHz - 99% Occupied Bandwidth



Product Service



Figure 249 - 5610 MHz - 26 dB Emission Bandwidth

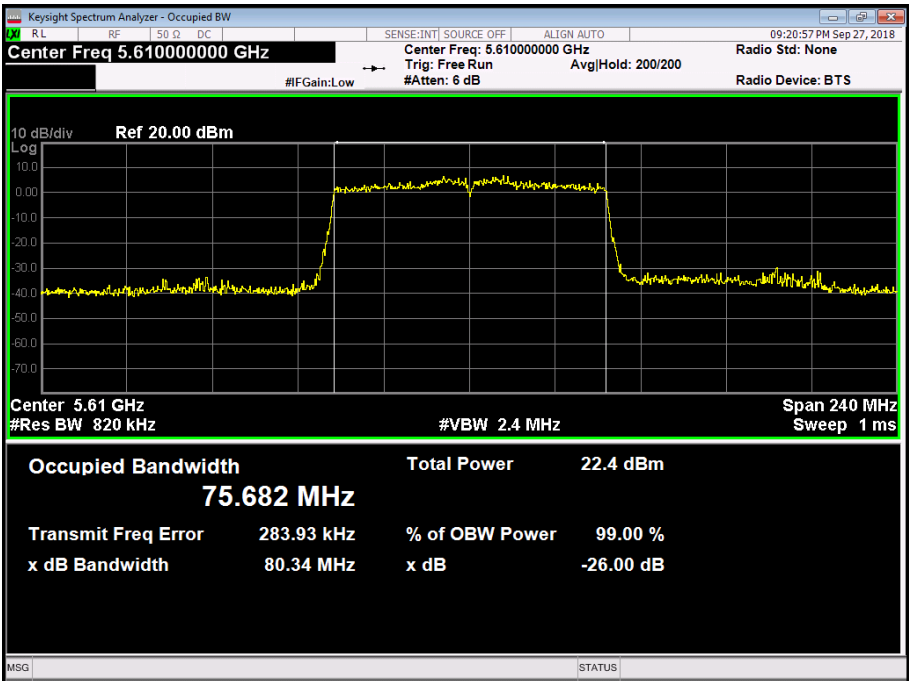


Figure 250 - 5610 MHz - 99% Occupied Bandwidth



Product Service



Figure 251 - 5690 MHz - 26 dB Emission Bandwidth

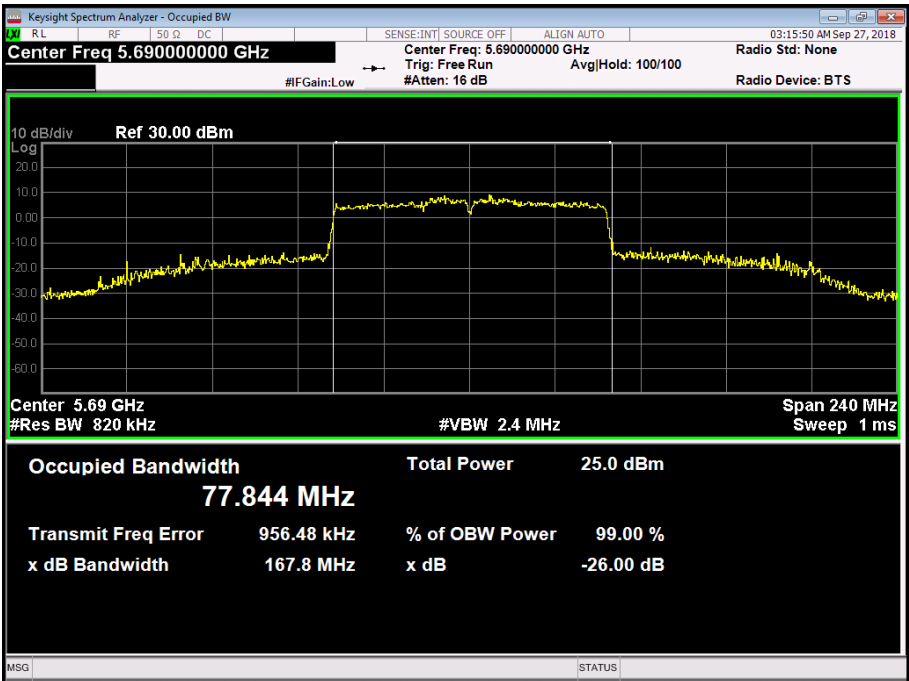


Figure 252 - 5690 MHz - 99% Occupied Bandwidth



802.11ac / VHT80 MCS0x1 / MIMO TxBF / Cores 0+1

Channel	Bottom	Top	Straddle
Frequency (MHz)	5530	5610	5690
26 dB Bandwidth (MHz)	81.600	81.360	75.560
99% Bandwidth (MHz)	75.611	75.742	75.934

Table 194

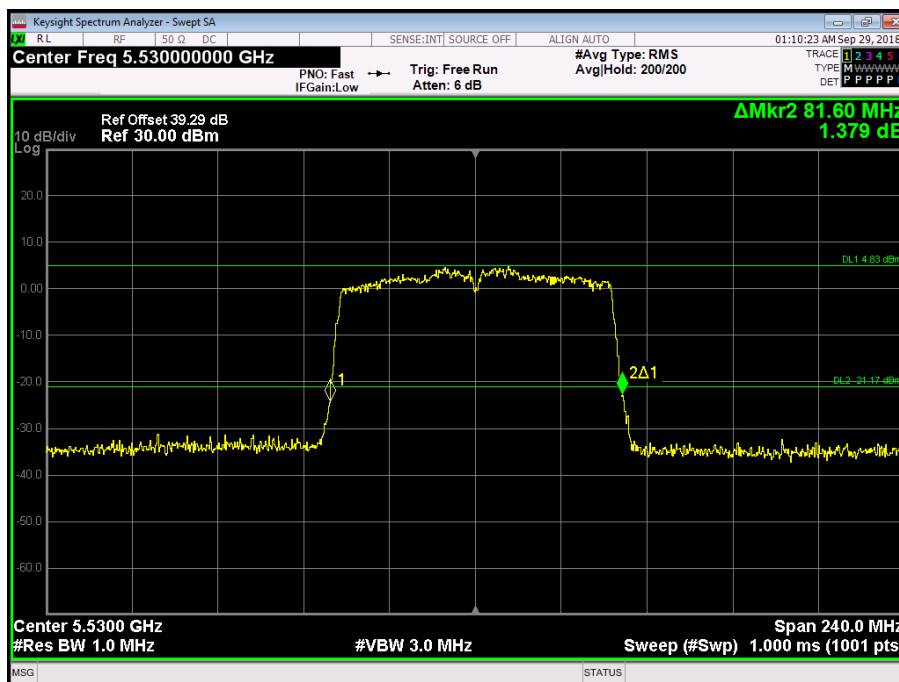


Figure 253 - 5530 MHz - 26 dB Emission Bandwidth

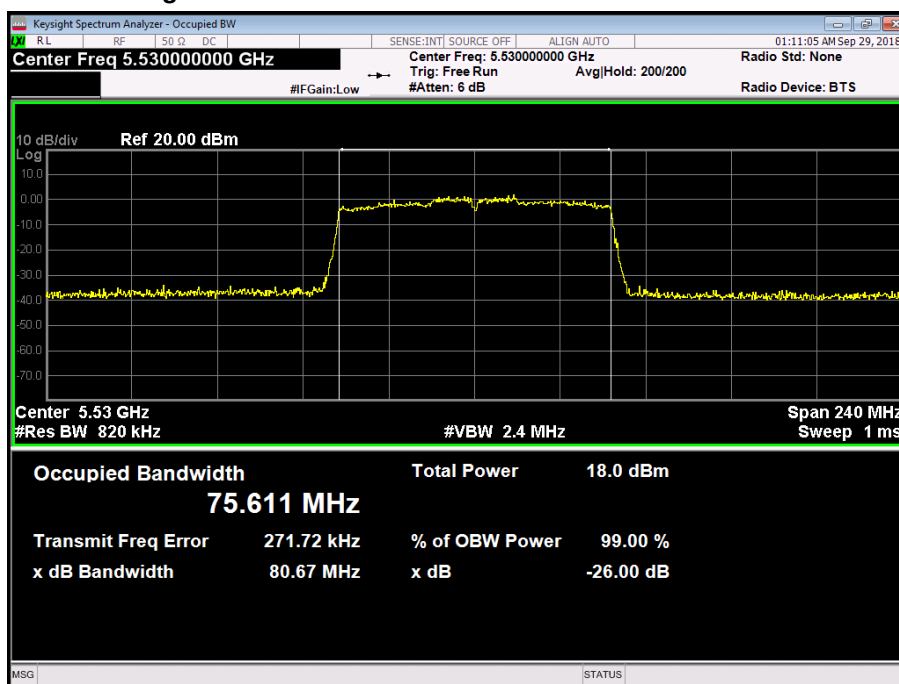


Figure 254 - 5530 MHz - 99% Occupied Bandwidth



Product Service

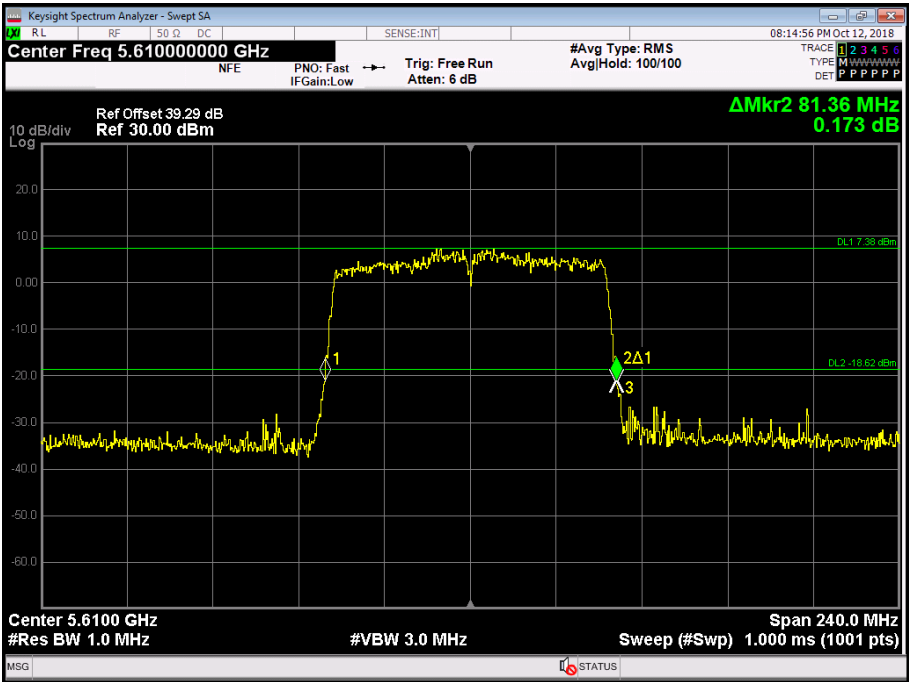


Figure 255 - 5610 MHz - 26 dB Emission Bandwidth

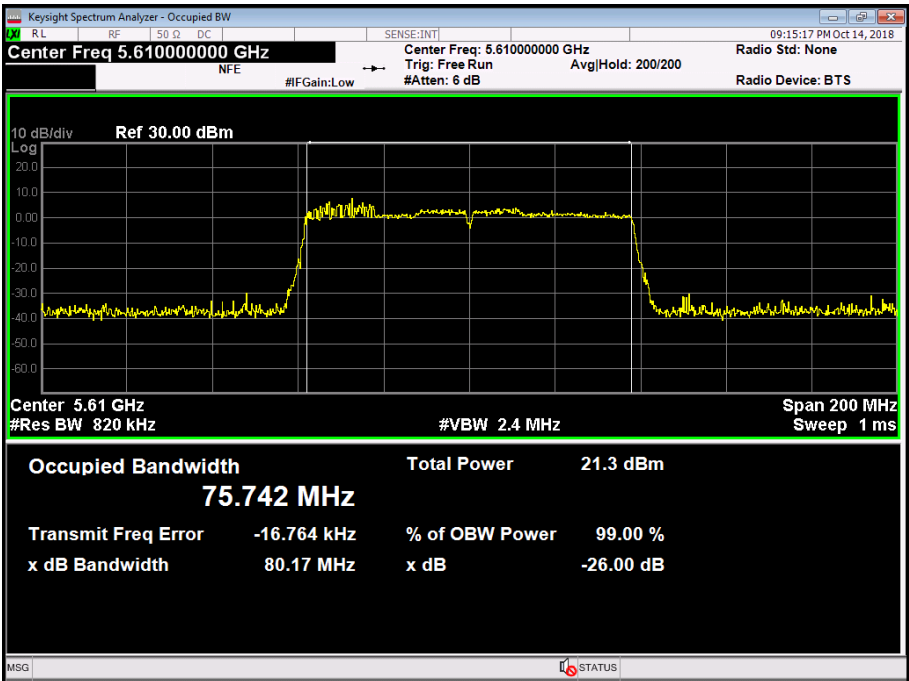


Figure 256 - 5610 MHz - 99% Occupied Bandwidth



Product Service



Figure 257 - 5690 MHz - 26 dB Emission Bandwidth

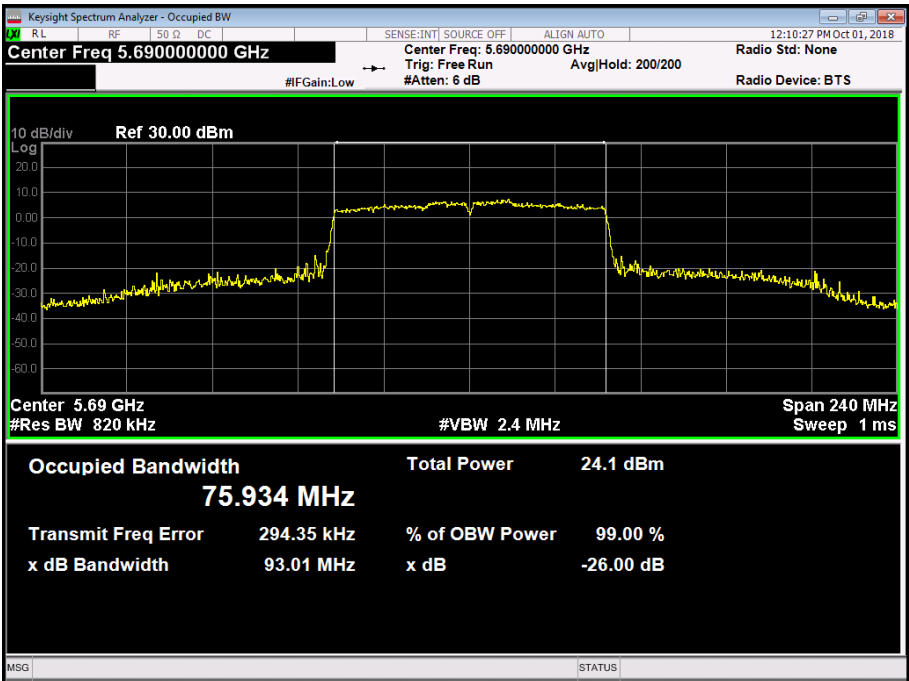


Figure 258 - 5690 MHz - 99% Occupied Bandwidth

2.3.9 Test Results: U-NII-3

802.11a / 6 Mbps / SISO / Core 1

Channel	Straddle	Bottom	Middle	Top
Frequency (MHz)	5720	5745	5785	5825
6 dB Bandwidth (MHz)	3.220	16.440	16.140	15.540
26 dB Bandwidth (MHz)	5.800	26.820	41.160	40.260
99% Bandwidth (MHz)	16.639	21.546	25.238	21.834

Table 195

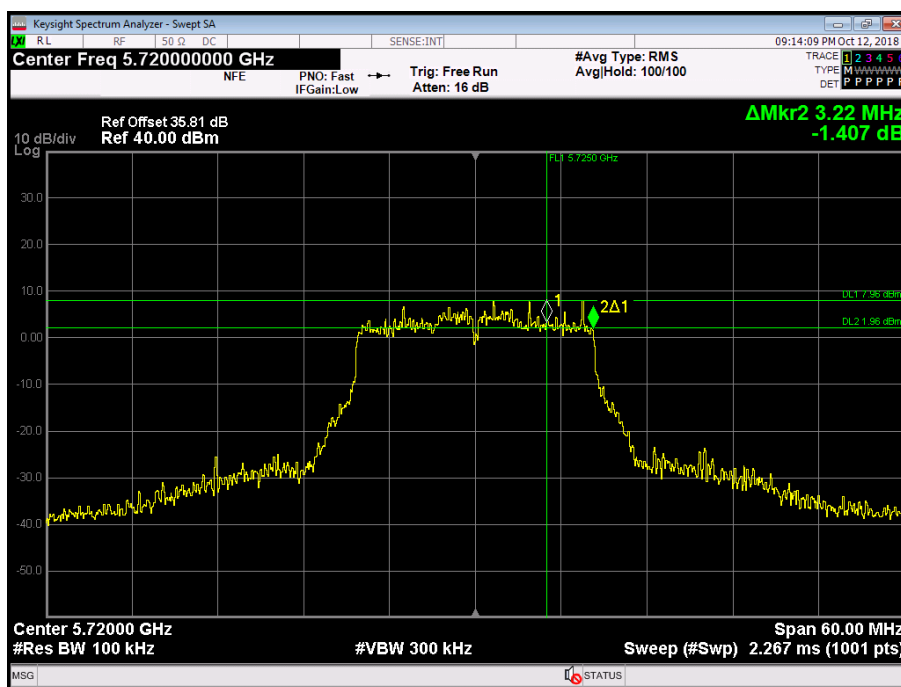


Figure 259 - 5720 MHz - 6 dB DTS Bandwidth



Product Service

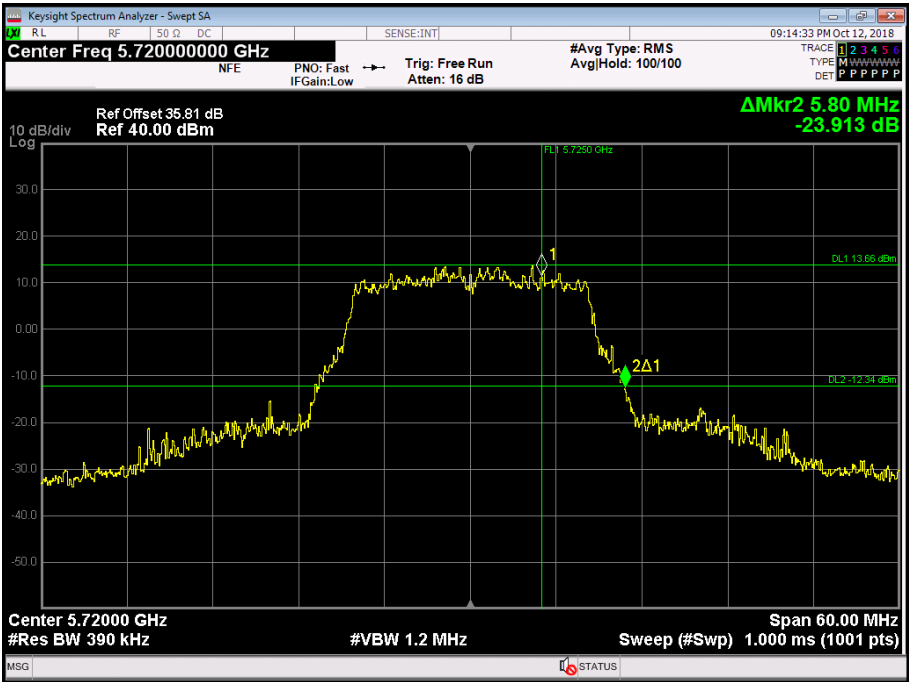


Figure 260 - 5720 MHz - 26 dB Emission Bandwidth

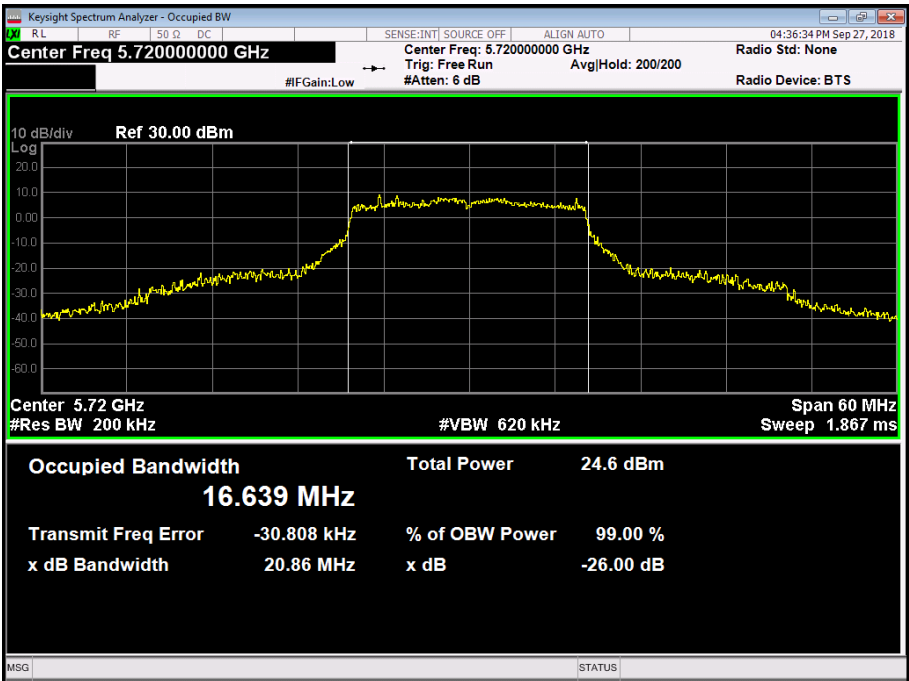


Figure 261 - 5720 MHz - 99% Occupied Bandwidth

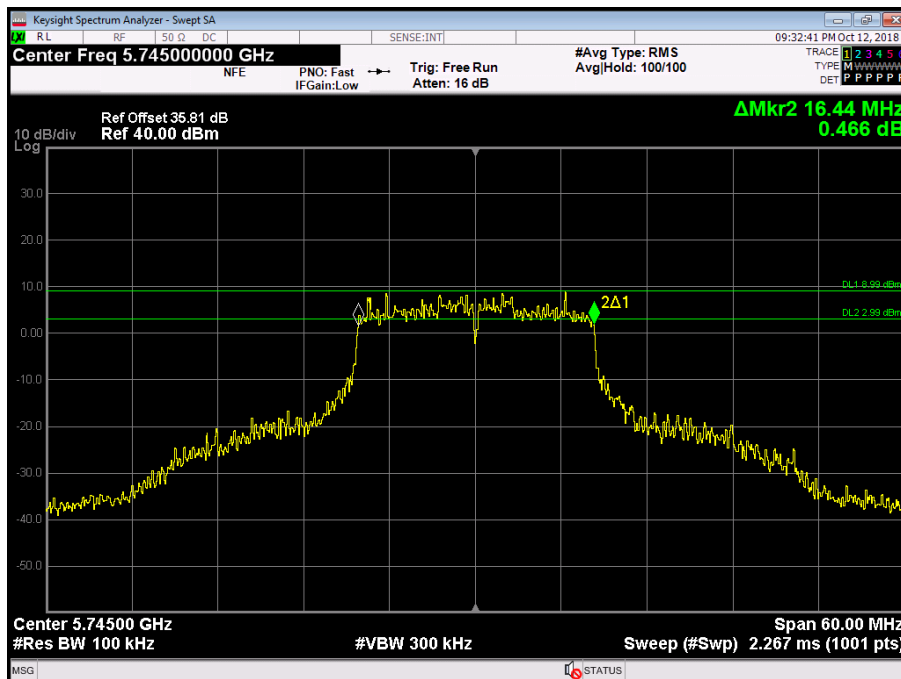


Figure 262 - 5745 MHz - 6 dB DTS Bandwidth

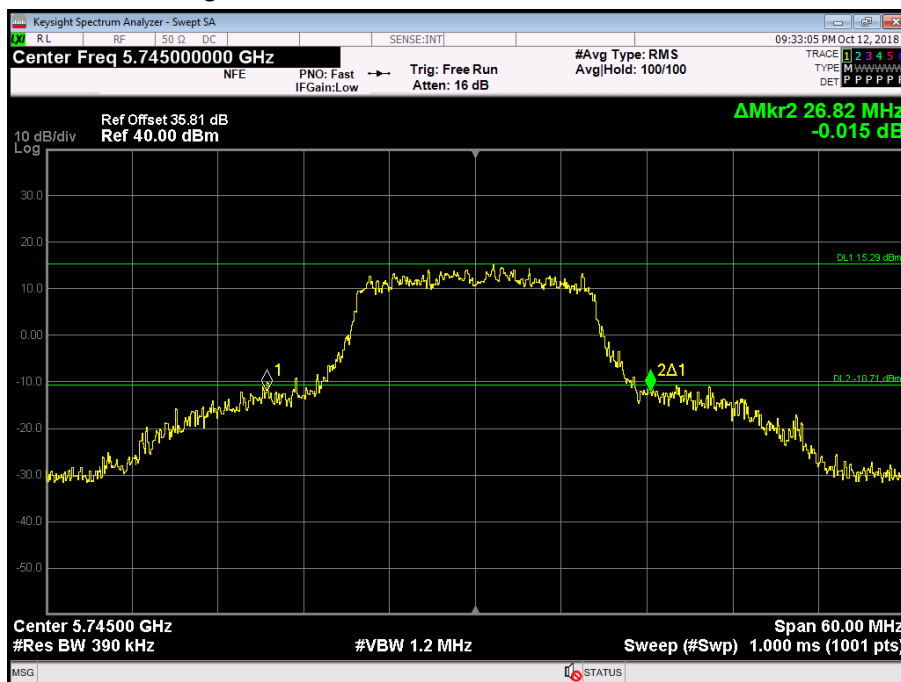


Figure 263 - 5745 MHz - 26 dB Emission Bandwidth



Product Service

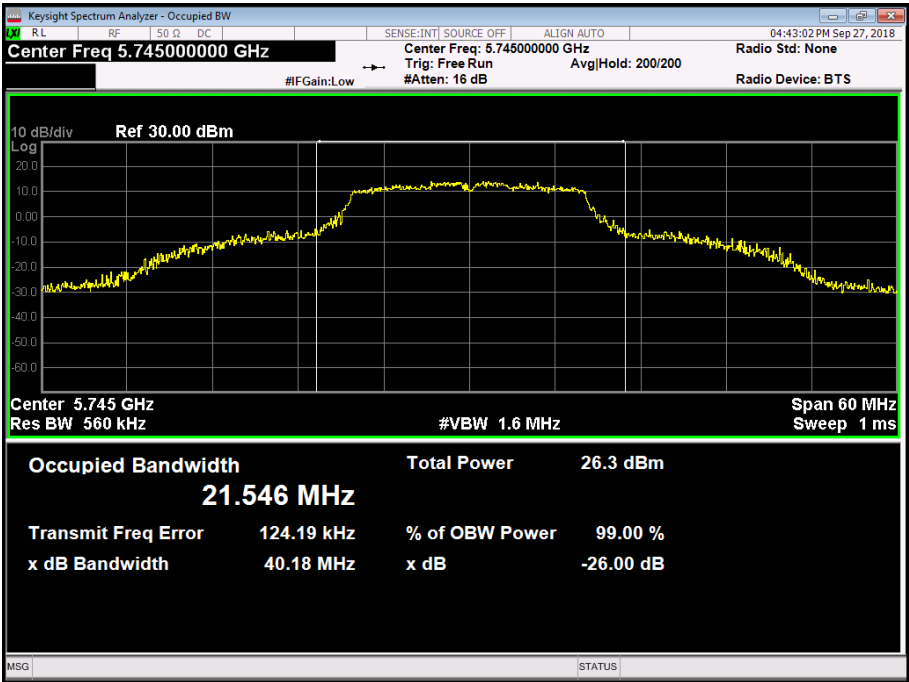


Figure 264 - 5745 MHz - 99% Occupied Bandwidth

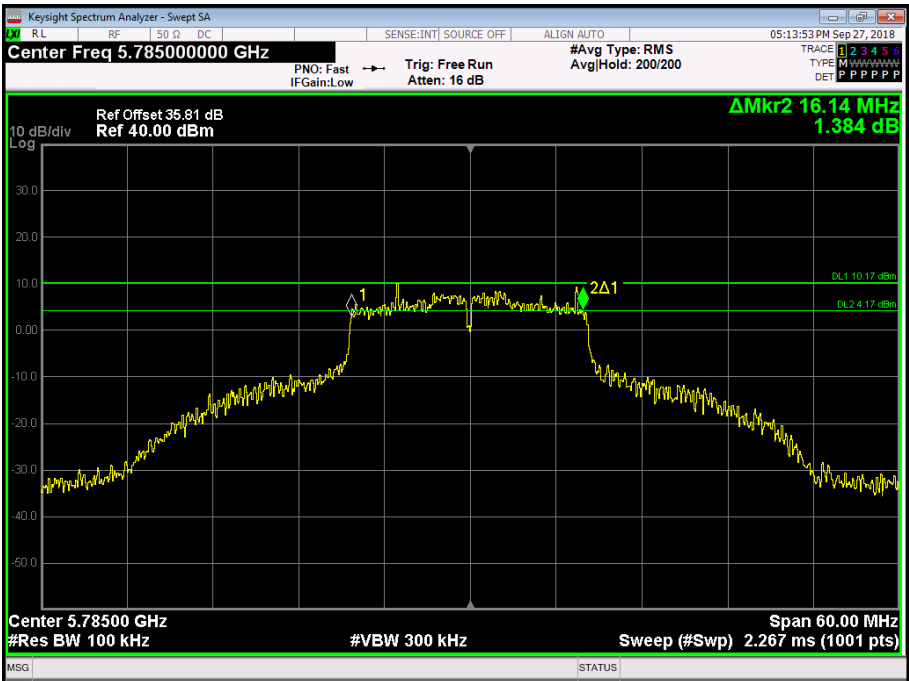


Figure 265 - 5785 MHz - 6 dB DTS Bandwidth



Product Service



Figure 266 - 5785 MHz - 26 dB Emission Bandwidth

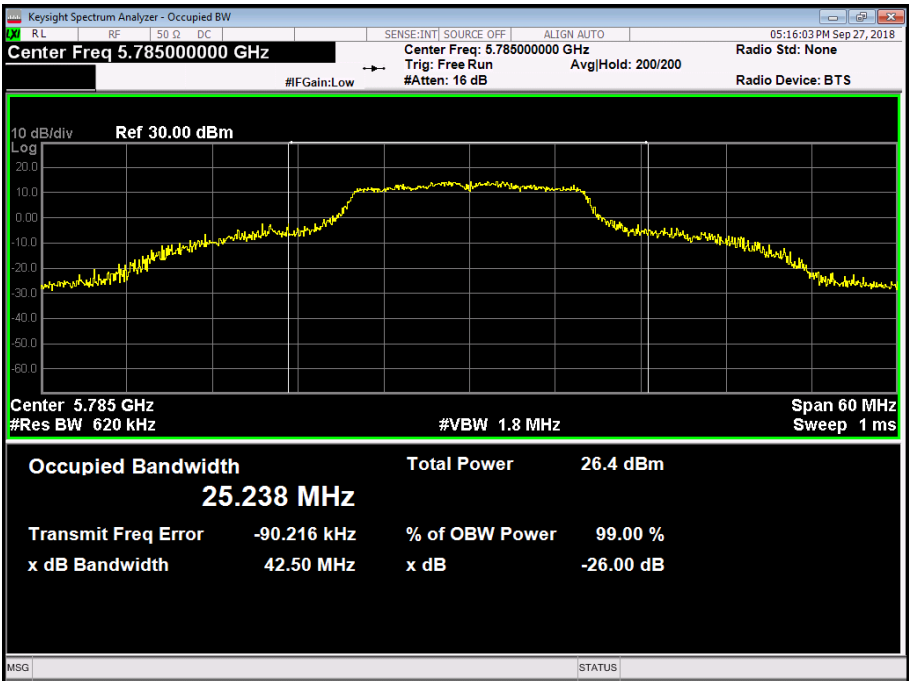


Figure 267 - 5785 MHz - 99% Occupied Bandwidth

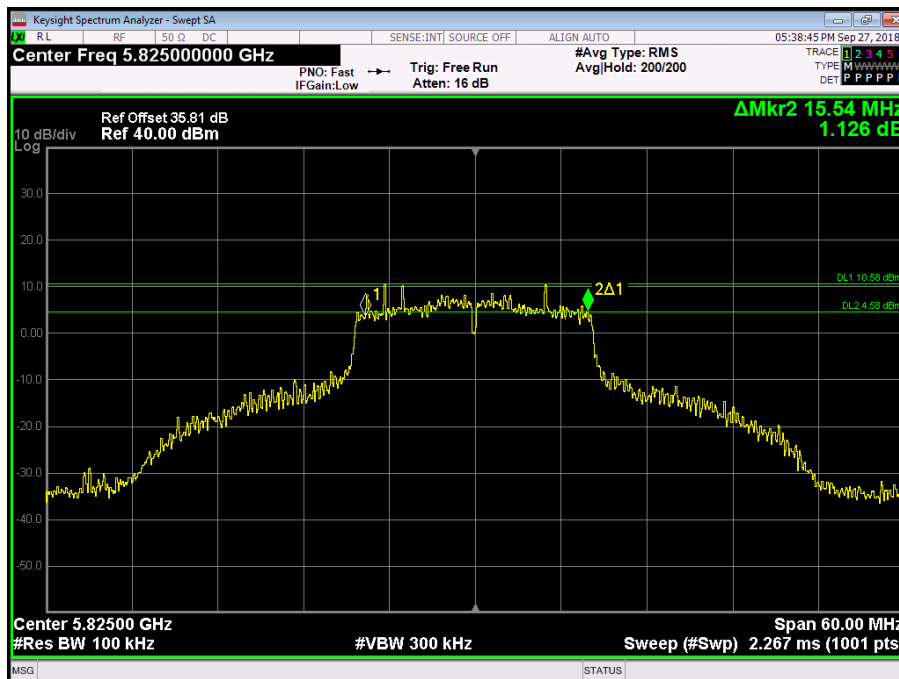


Figure 268 - 5825 MHz - 6 dB DTS Bandwidth



Figure 269 - 5825 MHz - 26 dB Emission Bandwidth



Product Service

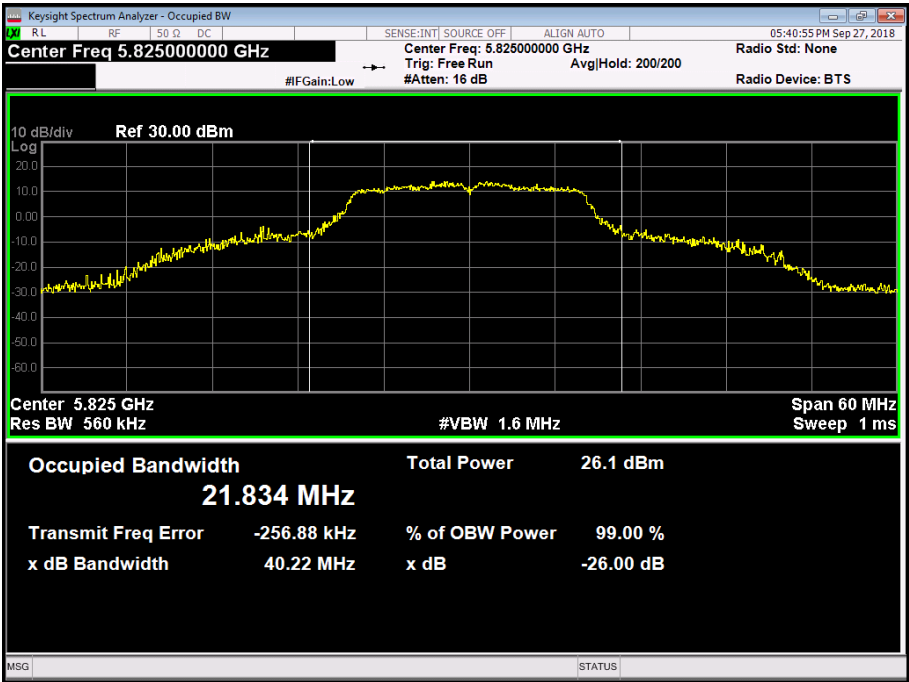


Figure 270 - 5825 MHz - 99% Occupied Bandwidth