

## 11.6. APPENDIX F:-6DB BANDWIDTH

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5720	Ant1	2.84	$\geq 0.5$	Pass
a	5745	Ant1	16.341	$\geq 0.5$	Pass
a	5785	Ant1	16.294	$\geq 0.5$	Pass
a	5825	Ant1	16.323	$\geq 0.5$	Pass
a	5720	Ant2	2.68	$\geq 0.5$	Pass
a	5745	Ant2	16.307	$\geq 0.5$	Pass
a	5785	Ant2	16.056	$\geq 0.5$	Pass
a	5825	Ant2	16.056	$\geq 0.5$	Pass
n20	5720	Ant1	3.36	$\geq 0.5$	Pass
n20	5720	Ant2	3.2	$\geq 0.5$	Pass
n20	5745	Ant1	17.526	$\geq 0.5$	Pass
n20	5745	Ant2	17.552	$\geq 0.5$	Pass
n20	5785	Ant1	17.281	$\geq 0.5$	Pass
n20	5785	Ant2	17.596	$\geq 0.5$	Pass
n20	5825	Ant1	16.981	$\geq 0.5$	Pass
n20	5825	Ant2	17.552	$\geq 0.5$	Pass
n40	5710	Ant1	2.84	$\geq 0.5$	Pass
n40	5710	Ant2	3.16	$\geq 0.5$	Pass
n40	5755	Ant1	36.324	$\geq 0.5$	Pass
n40	5755	Ant2	36.389	$\geq 0.5$	Pass
n40	5795	Ant1	36.296	$\geq 0.5$	Pass
n40	5795	Ant2	36.343	$\geq 0.5$	Pass
ac80	5690	Ant1	2.92	$\geq 0.5$	Pass
ac80	5690	Ant2	2.6	$\geq 0.5$	Pass
ac80	5775	Ant1	76.284	$\geq 0.5$	Pass
ac80	5775	Ant2	76.333	$\geq 0.5$	Pass
ax20	5720	Ant1	4.32	$\geq 0.5$	Pass
ax20	5720	Ant2	3.12	$\geq 0.5$	Pass
ax20	5745	Ant1	18.675	$\geq 0.5$	Pass
ax20	5745	Ant2	18.198	$\geq 0.5$	Pass
ax20	5785	Ant1	18.213	$\geq 0.5$	Pass
ax20	5785	Ant2	16.801	$\geq 0.5$	Pass
ax20	5825	Ant1	18.214	$\geq 0.5$	Pass
ax20	5825	Ant2	18.727	$\geq 0.5$	Pass
ax40	5710	Ant1	3.4	$\geq 0.5$	Pass
ax40	5710	Ant2	3.64	$\geq 0.5$	Pass
ax40	5755	Ant1	37.253	$\geq 0.5$	Pass
ax40	5755	Ant2	37.56	$\geq 0.5$	Pass
ax40	5795	Ant1	37.571	$\geq 0.5$	Pass
ax40	5795	Ant2	37.129	$\geq 0.5$	Pass

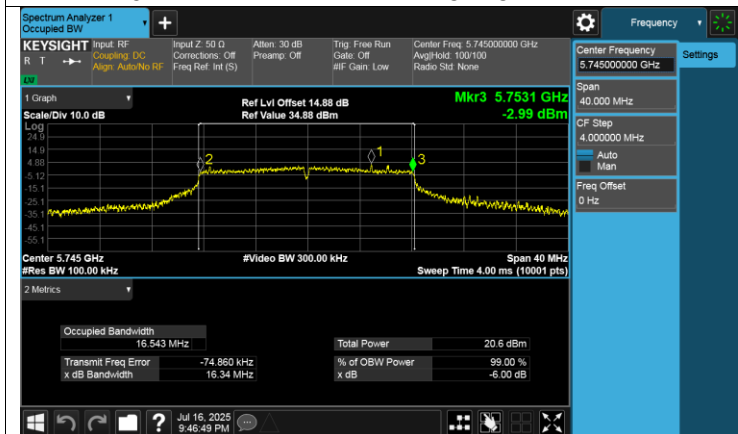
ax80	5690	Ant1	3.4	$\geq 0.5$	Pass
ax80	5690	Ant2	3.56	$\geq 0.5$	Pass
ax80	5775	Ant1	77.133	$\geq 0.5$	Pass
ax80	5775	Ant2	77.664	$\geq 0.5$	Pass

## Test Graphs

### -6dB Bandwidth NVNT a 5720MHz Ant1



### -6dB Bandwidth NVNT a 5745MHz Ant1



### -6dB Bandwidth NVNT a 5785MHz Ant1

