

6.4. Occupied 26dB Bandwidth(conducted)

6.4.1 Measurement Limit

Standard	Limit(MHz)
FCC 47 CFR Part 15.407(a)	N/A

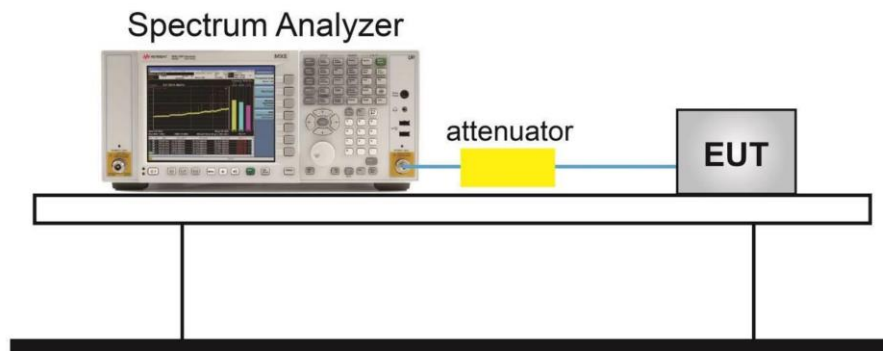
6.4.2 Test Procedure

The measurement method is made according to KDB 789033 C

1. Set RBW = approximately 1% of the emission bandwidth
2. Set the VBW > RBW
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.

Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.4.3 Test Setup



6.4.4 Measurement Results

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.68	5170.24	5189.92	---	---
11A	Ant2	5180	19.84	5170.08	5189.92	---	---
11A	Ant1	5200	19.76	5190.16	5209.92	---	---
11A	Ant2	5200	19.92	5190.04	5209.96	---	---
11A	Ant1	5240	19.92	5230.08	5250.00	---	---
11A	Ant2	5240	19.88	5229.96	5249.84	---	---
11A	Ant1	5260	19.80	5250.16	5269.96	---	---
11A	Ant2	5260	19.80	5250.20	5270.00	---	---
11A	Ant1	5280	19.72	5270.08	5289.80	---	---

11A	Ant2	5280	19.72	5270.20	5289.92	---	---
11A	Ant1	5320	19.72	5310.20	5329.92	---	---
11A	Ant2	5320	19.72	5310.20	5329.92	---	---
11A	Ant1	5500	19.76	5490.12	5509.88	---	---
11A	Ant2	5500	19.68	5490.24	5509.92	---	---
11A	Ant1	5580	19.88	5570.00	5589.88	---	---
11A	Ant2	5580	19.64	5570.20	5589.84	---	---
11A	Ant1	5700	19.48	5690.20	5709.68	---	---
11A	Ant2	5700	19.80	5690.16	5709.96	---	---
11A-CDD	Ant1	5180	19.76	5170.16	5189.92	---	---
11A-CDD	Ant2	5180	20.08	5169.92	5190.00	---	---
11A-CDD	Ant1	5200	19.64	5190.12	5209.76	---	---
11A-CDD	Ant2	5200	20.12	5189.92	5210.04	---	---
11A-CDD	Ant1	5240	19.80	5230.20	5250.00	---	---
11A-CDD	Ant2	5240	20.24	5229.68	5249.92	---	---
11A-CDD	Ant1	5260	19.88	5250.08	5269.96	---	---
11A-CDD	Ant2	5260	19.88	5250.00	5269.88	---	---
11A-CDD	Ant1	5280	19.72	5270.12	5289.84	---	---
11A-CDD	Ant2	5280	19.76	5270.04	5289.80	---	---
11A-CDD	Ant1	5320	19.64	5310.28	5329.92	---	---
11A-CDD	Ant2	5320	19.68	5310.20	5329.88	---	---
11A-CDD	Ant1	5500	19.80	5490.04	5509.84	---	---
11A-CDD	Ant2	5500	19.84	5490.00	5509.84	---	---
11A-CDD	Ant1	5580	19.80	5570.00	5589.80	---	---
11A-CDD	Ant2	5580	20.12	5569.80	5589.92	---	---
11A-CDD	Ant1	5700	19.52	5690.12	5709.64	---	---
11A-CDD	Ant2	5700	19.76	5690.04	5709.80	---	---
11N20SISO	Ant1	5180	20.00	5170.04	5190.04	---	---
11N20SISO	Ant2	5180	20.12	5169.92	5190.04	---	---
11N20SISO	Ant1	5200	19.96	5190.00	5209.96	---	---
11N20SISO	Ant2	5200	20.28	5189.96	5210.24	---	---
11N20SISO	Ant1	5240	20.08	5229.96	5250.04	---	---
11N20SISO	Ant2	5240	20.24	5229.92	5250.16	---	---
11N20SISO	Ant1	5260	20.00	5250.04	5270.04	---	---
11N20SISO	Ant2	5260	20.08	5250.04	5270.12	---	---
11N20SISO	Ant1	5280	19.96	5270.04	5290.00	---	---
11N20SISO	Ant2	5280	20.20	5270.04	5290.24	---	---
11N20SISO	Ant1	5320	19.88	5310.08	5329.96	---	---
11N20SISO	Ant2	5320	20.16	5310.04	5330.20	---	---
11N20SISO	Ant1	5500	20.16	5489.88	5510.04	---	---
11N20SISO	Ant2	5500	20.12	5490.08	5510.20	---	---
11N20SISO	Ant1	5580	20.24	5569.92	5590.16	---	---

11N20SISO	Ant2	5580	19.92	5570.04	5589.96	---	---
11N20SISO	Ant1	5700	20.12	5689.96	5710.08	---	---
11N20SISO	Ant2	5700	20.16	5689.96	5710.12	---	---
11N20MIMO	Ant1	5180	20.08	5170.04	5190.12	---	---
11N20MIMO	Ant2	5180	20.76	5169.48	5190.24	---	---
11N20MIMO	Ant1	5200	20.00	5189.92	5209.92	---	---
11N20MIMO	Ant2	5200	21.04	5189.20	5210.24	---	---
11N20MIMO	Ant1	5240	19.96	5230.04	5250.00	---	---
11N20MIMO	Ant2	5240	20.76	5229.48	5250.24	---	---
11N20MIMO	Ant1	5260	20.04	5249.92	5269.96	---	---
11N20MIMO	Ant2	5260	20.08	5250.00	5270.08	---	---
11N20MIMO	Ant1	5280	19.92	5270.00	5289.92	---	---
11N20MIMO	Ant2	5280	20.04	5269.96	5290.00	---	---
11N20MIMO	Ant1	5320	20.00	5310.00	5330.00	---	---
11N20MIMO	Ant2	5320	20.00	5310.08	5330.08	---	---
11N20MIMO	Ant1	5500	20.04	5489.92	5509.96	---	---
11N20MIMO	Ant2	5500	20.08	5489.92	5510.00	---	---
11N20MIMO	Ant1	5580	20.04	5569.92	5589.96	---	---
11N20MIMO	Ant2	5580	20.24	5569.88	5590.12	---	---
11N20MIMO	Ant1	5700	20.00	5689.92	5709.92	---	---
11N20MIMO	Ant2	5700	20.08	5689.92	5710.00	---	---
11N40SISO	Ant1	5190	40.56	5169.60	5210.16	---	---
11N40SISO	Ant2	5190	41.44	5169.44	5210.88	---	---
11N40SISO	Ant1	5230	41.20	5209.44	5250.64	---	---
11N40SISO	Ant2	5230	41.04	5209.44	5250.48	---	---
11N40SISO	Ant1	5270	40.64	5249.52	5290.16	---	---
11N40SISO	Ant2	5270	41.12	5249.52	5290.64	---	---
11N40SISO	Ant1	5310	40.96	5289.60	5330.56	---	---
11N40SISO	Ant2	5310	40.96	5289.44	5330.40	---	---
11N40SISO	Ant1	5510	41.36	5489.28	5530.64	---	---
11N40SISO	Ant2	5510	40.88	5489.52	5530.40	---	---
11N40SISO	Ant1	5550	40.64	5529.84	5570.48	---	---
11N40SISO	Ant2	5550	41.36	5529.36	5570.72	---	---
11N40SISO	Ant1	5670	41.28	5649.52	5690.80	---	---
11N40SISO	Ant2	5670	40.88	5649.44	5690.32	---	---
11N40MIMO	Ant1	5190	40.88	5169.52	5210.40	---	---
11N40MIMO	Ant2	5190	41.20	5169.12	5210.32	---	---
11N40MIMO	Ant1	5230	41.04	5209.60	5250.64	---	---
11N40MIMO	Ant2	5230	41.04	5209.12	5250.16	---	---
11N40MIMO	Ant1	5270	40.56	5249.52	5290.08	---	---
11N40MIMO	Ant2	5270	40.24	5249.92	5290.16	---	---
11N40MIMO	Ant1	5310	41.28	5289.28	5330.56	---	---

11N40MIMO	Ant2	5310	40.72	5289.68	5330.40	---	---
11N40MIMO	Ant1	5510	41.28	5489.28	5530.56	---	---
11N40MIMO	Ant2	5510	40.56	5489.68	5530.24	---	---
11N40MIMO	Ant1	5550	40.48	5529.76	5570.24	---	---
11N40MIMO	Ant2	5550	40.56	5529.84	5570.40	---	---
11N40MIMO	Ant1	5670	41.60	5649.36	5690.96	---	---
11N40MIMO	Ant2	5670	40.64	5649.76	5690.40	---	---
11AC20SISO	Ant1	5180	20.08	5169.96	5190.04	---	---
11AC20SISO	Ant2	5180	20.36	5169.80	5190.16	---	---
11AC20SISO	Ant1	5200	20.20	5189.92	5210.12	---	---
11AC20SISO	Ant2	5200	20.44	5189.80	5210.24	---	---
11AC20SISO	Ant1	5240	20.20	5229.96	5250.16	---	---
11AC20SISO	Ant2	5240	20.04	5230.00	5250.04	---	---
11AC20SISO	Ant1	5260	20.16	5250.00	5270.16	---	---
11AC20SISO	Ant2	5260	20.12	5249.96	5270.08	---	---
11AC20SISO	Ant1	5280	20.04	5270.00	5290.04	---	---
11AC20SISO	Ant2	5280	20.08	5270.04	5290.12	---	---
11AC20SISO	Ant1	5320	20.16	5310.04	5330.20	---	---
11AC20SISO	Ant2	5320	20.08	5309.96	5330.04	---	---
11AC20SISO	Ant1	5500	20.16	5489.92	5510.08	---	---
11AC20SISO	Ant2	5500	20.08	5490.04	5510.12	---	---
11AC20SISO	Ant1	5580	20.16	5569.84	5590.00	---	---
11AC20SISO	Ant2	5580	20.04	5569.96	5590.00	---	---
11AC20SISO	Ant1	5700	19.88	5690.04	5709.92	---	---
11AC20SISO	Ant2	5700	20.24	5689.92	5710.16	---	---
11AC20MIMO	Ant1	5180	20.00	5170.08	5190.08	---	---
11AC20MIMO	Ant2	5180	20.24	5169.84	5190.08	---	---
11AC20MIMO	Ant1	5200	20.08	5189.88	5209.96	---	---
11AC20MIMO	Ant2	5200	20.40	5189.80	5210.20	---	---
11AC20MIMO	Ant1	5240	20.08	5230.04	5250.12	---	---
11AC20MIMO	Ant2	5240	20.44	5229.72	5250.16	---	---
11AC20MIMO	Ant1	5260	20.00	5250.04	5270.04	---	---
11AC20MIMO	Ant2	5260	20.20	5249.96	5270.16	---	---
11AC20MIMO	Ant1	5280	20.04	5269.88	5289.92	---	---
11AC20MIMO	Ant2	5280	20.00	5269.96	5289.96	---	---
11AC20MIMO	Ant1	5320	20.08	5309.96	5330.04	---	---
11AC20MIMO	Ant2	5320	20.16	5310.00	5330.16	---	---
11AC20MIMO	Ant1	5500	20.04	5489.92	5509.96	---	---
11AC20MIMO	Ant2	5500	20.16	5489.92	5510.08	---	---
11AC20MIMO	Ant1	5580	20.16	5569.84	5590.00	---	---
11AC20MIMO	Ant2	5580	20.24	5569.92	5590.16	---	---
11AC20MIMO	Ant1	5700	20.00	5689.96	5709.96	---	---

11AC20MIMO	Ant2	5700	20.12	5689.96	5710.08	---	---
11AC40SISO	Ant1	5190	40.48	5169.68	5210.16	---	---
11AC40SISO	Ant2	5190	41.44	5169.36	5210.80	---	---
11AC40SISO	Ant1	5230	41.12	5209.44	5250.56	---	---
11AC40SISO	Ant2	5230	40.72	5209.60	5250.32	---	---
11AC40SISO	Ant1	5270	40.72	5249.60	5290.32	---	---
11AC40SISO	Ant2	5270	41.04	5249.60	5290.64	---	---
11AC40SISO	Ant1	5310	40.96	5289.60	5330.56	---	---
11AC40SISO	Ant2	5310	41.04	5289.52	5330.56	---	---
11AC40SISO	Ant1	5510	41.04	5489.36	5530.40	---	---
11AC40SISO	Ant2	5510	40.40	5489.76	5530.16	---	---
11AC40SISO	Ant1	5550	40.64	5529.84	5570.48	---	---
11AC40SISO	Ant2	5550	41.36	5529.44	5570.80	---	---
11AC40SISO	Ant1	5670	40.96	5649.52	5690.48	---	---
11AC40SISO	Ant2	5670	40.96	5649.44	5690.40	---	---
11AC40MIMO	Ant1	5190	40.96	5169.60	5210.56	---	---
11AC40MIMO	Ant2	5190	40.64	5169.68	5210.32	---	---
11AC40MIMO	Ant1	5230	41.36	5209.44	5250.80	---	---
11AC40MIMO	Ant2	5230	40.64	5209.60	5250.24	---	---
11AC40MIMO	Ant1	5270	40.72	5249.76	5290.48	---	---
11AC40MIMO	Ant2	5270	40.48	5249.76	5290.24	---	---
11AC40MIMO	Ant1	5310	41.44	5289.20	5330.64	---	---
11AC40MIMO	Ant2	5310	40.24	5290.08	5330.32	---	---
11AC40MIMO	Ant1	5510	41.44	5489.36	5530.80	---	---
11AC40MIMO	Ant2	5510	40.24	5489.92	5530.16	---	---
11AC40MIMO	Ant1	5550	40.80	5529.68	5570.48	---	---
11AC40MIMO	Ant2	5550	40.56	5529.76	5570.32	---	---
11AC40MIMO	Ant1	5670	41.20	5649.60	5690.80	---	---
11AC40MIMO	Ant2	5670	40.48	5649.68	5690.16	---	---
11AC80SISO	Ant1	5210	82.56	5168.72	5251.28	---	---
11AC80SISO	Ant2	5210	82.24	5168.88	5251.12	---	---
11AC80SISO	Ant1	5290	82.56	5248.56	5331.12	---	---
11AC80SISO	Ant2	5290	82.56	5248.72	5331.28	---	---
11AC80SISO	Ant1	5530	82.72	5488.72	5571.44	---	---
11AC80SISO	Ant2	5530	82.56	5488.88	5571.44	---	---
11AC80SISO	Ant1	5610	82.72	5568.88	5651.60	---	---
11AC80SISO	Ant2	5610	82.56	5568.72	5651.28	---	---
11AC80MIMO	Ant1	5210	82.40	5168.88	5251.28	---	---
11AC80MIMO	Ant2	5210	88.32	5162.80	5251.12	---	---
11AC80MIMO	Ant1	5290	82.56	5248.72	5331.28	---	---
11AC80MIMO	Ant2	5290	82.24	5248.88	5331.12	---	---
11AC80MIMO	Ant1	5530	82.40	5488.88	5571.28	---	---

11AC80MIMO	Ant2	5530	82.24	5488.88	5571.12	---	---
11AC80MIMO	Ant1	5610	82.24	5568.88	5651.12	---	---
11AC80MIMO	Ant2	5610	82.40	5568.72	5651.12	---	---
11AX20SISO	Ant1	5180	20.52	5169.88	5190.40	---	---
11AX20SISO	Ant2	5180	20.52	5169.72	5190.24	---	---
11AX20SISO	Ant1	5200	20.48	5189.72	5210.20	---	---
11AX20SISO	Ant2	5200	20.60	5189.76	5210.36	---	---
11AX20SISO	Ant1	5240	20.36	5229.84	5250.20	---	---
11AX20SISO	Ant2	5240	20.48	5229.80	5250.28	---	---
11AX20SISO	Ant1	5260	20.48	5249.76	5270.24	---	---
11AX20SISO	Ant2	5260	20.44	5249.84	5270.28	---	---
11AX20SISO	Ant1	5280	20.52	5269.76	5290.28	---	---
11AX20SISO	Ant2	5280	20.52	5269.80	5290.32	---	---
11AX20SISO	Ant1	5320	20.60	5309.64	5330.24	---	---
11AX20SISO	Ant2	5320	20.76	5309.56	5330.32	---	---
11AX20SISO	Ant1	5500	20.52	5489.76	5510.28	---	---
11AX20SISO	Ant2	5500	20.44	5489.80	5510.24	---	---
11AX20SISO	Ant1	5580	20.64	5569.68	5590.32	---	---
11AX20SISO	Ant2	5580	20.40	5569.80	5590.20	---	---
11AX20SISO	Ant1	5700	20.52	5689.76	5710.28	---	---
11AX20SISO	Ant2	5700	20.48	5689.84	5710.32	---	---
11AX20MIMO	Ant1	5180	20.44	5169.84	5190.28	---	---
11AX20MIMO	Ant2	5180	20.40	5169.80	5190.20	---	---
11AX20MIMO	Ant1	5200	20.52	5189.72	5210.24	---	---
11AX20MIMO	Ant2	5200	20.40	5189.84	5210.24	---	---
11AX20MIMO	Ant1	5240	20.40	5229.84	5250.24	---	---
11AX20MIMO	Ant2	5240	20.40	5229.80	5250.20	---	---
11AX20MIMO	Ant1	5260	20.52	5249.76	5270.28	---	---
11AX20MIMO	Ant2	5260	20.32	5249.92	5270.24	---	---
11AX20MIMO	Ant1	5280	20.48	5269.68	5290.16	---	---
11AX20MIMO	Ant2	5280	20.32	5269.84	5290.16	---	---
11AX20MIMO	Ant1	5320	20.44	5309.76	5330.20	---	---
11AX20MIMO	Ant2	5320	20.36	5309.88	5330.24	---	---
11AX20MIMO	Ant1	5500	20.60	5489.72	5510.32	---	---
11AX20MIMO	Ant2	5500	20.52	5489.76	5510.28	---	---
11AX20MIMO	Ant1	5580	20.60	5569.72	5590.32	---	---
11AX20MIMO	Ant2	5580	20.60	5569.72	5590.32	---	---
11AX20MIMO	Ant1	5700	20.24	5689.88	5710.12	---	---
11AX20MIMO	Ant2	5700	20.52	5689.76	5710.28	---	---
11AX40SISO	Ant1	5190	40.88	5169.52	5210.40	---	---
11AX40SISO	Ant2	5190	41.12	5169.44	5210.56	---	---
11AX40SISO	Ant1	5230	41.12	5209.52	5250.64	---	---

11AX40SISO	Ant2	5230	41.12	5209.36	5250.48	---	---
11AX40SISO	Ant1	5270	40.72	5249.60	5290.32	---	---
11AX40SISO	Ant2	5270	40.88	5249.52	5290.40	---	---
11AX40SISO	Ant1	5310	41.04	5289.60	5330.64	---	---
11AX40SISO	Ant2	5310	41.12	5289.36	5330.48	---	---
11AX40SISO	Ant1	5510	40.64	5489.68	5530.32	---	---
11AX40SISO	Ant2	5510	40.72	5489.52	5530.24	---	---
11AX40SISO	Ant1	5550	40.72	5529.68	5570.40	---	---
11AX40SISO	Ant2	5550	40.88	5529.60	5570.48	---	---
11AX40SISO	Ant1	5670	41.12	5649.52	5690.64	---	---
11AX40SISO	Ant2	5670	40.64	5649.52	5690.16	---	---
11AX40MIMO	Ant1	5190	40.72	5169.60	5210.32	---	---
11AX40MIMO	Ant2	5190	40.72	5169.68	5210.40	---	---
11AX40MIMO	Ant1	5230	40.88	5209.52	5250.40	---	---
11AX40MIMO	Ant2	5230	40.64	5209.68	5250.32	---	---
11AX40MIMO	Ant1	5270	41.04	5249.60	5290.64	---	---
11AX40MIMO	Ant2	5270	40.64	5249.60	5290.24	---	---
11AX40MIMO	Ant1	5310	40.72	5289.68	5330.40	---	---
11AX40MIMO	Ant2	5310	40.88	5289.52	5330.40	---	---
11AX40MIMO	Ant1	5510	40.88	5489.52	5530.40	---	---
11AX40MIMO	Ant2	5510	40.56	5489.68	5530.24	---	---
11AX40MIMO	Ant1	5550	40.64	5529.68	5570.32	---	---
11AX40MIMO	Ant2	5550	40.72	5529.68	5570.40	---	---
11AX40MIMO	Ant1	5670	40.80	5649.68	5690.48	---	---
11AX40MIMO	Ant2	5670	41.04	5649.36	5690.40	---	---
11AX80SISO	Ant1	5210	81.76	5169.20	5250.96	---	---
11AX80SISO	Ant2	5210	81.60	5169.20	5250.80	---	---
11AX80SISO	Ant1	5290	81.76	5249.20	5330.96	---	---
11AX80SISO	Ant2	5290	81.60	5249.20	5330.80	---	---
11AX80SISO	Ant1	5530	81.76	5489.20	5570.96	---	---
11AX80SISO	Ant2	5530	81.44	5489.36	5570.80	---	---
11AX80SISO	Ant1	5610	81.76	5569.20	5650.96	---	---
11AX80SISO	Ant2	5610	82.08	5569.04	5651.12	---	---
11AX80MIMO	Ant1	5210	81.76	5169.20	5250.96	---	---
11AX80MIMO	Ant2	5210	81.60	5169.20	5250.80	---	---
11AX80MIMO	Ant1	5290	81.44	5249.36	5330.80	---	---
11AX80MIMO	Ant2	5290	81.60	5249.20	5330.80	---	---
11AX80MIMO	Ant1	5530	81.60	5489.20	5570.80	---	---
11AX80MIMO	Ant2	5530	81.60	5489.20	5570.80	---	---
11AX80MIMO	Ant1	5610	81.28	5569.36	5650.64	---	---
11AX80MIMO	Ant2	5610	81.60	5569.20	5650.80	---	---

Test Graphs

