

11.3. APPENDIX B: DUTY CYCLE

11.3.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11AX20SISO	1.01	1.17	0.8632	86.32	0.64	0.99	0.01
11AX40SISO	0.53	0.57	0.9298	92.98	0.32	1.89	1
11AX80SISO	0.29	0.32	0.9063	90.63	0.43	3.45	1
11AX160SISO	0.17	0.2	0.8500	85.00	0.71	5.88	1

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

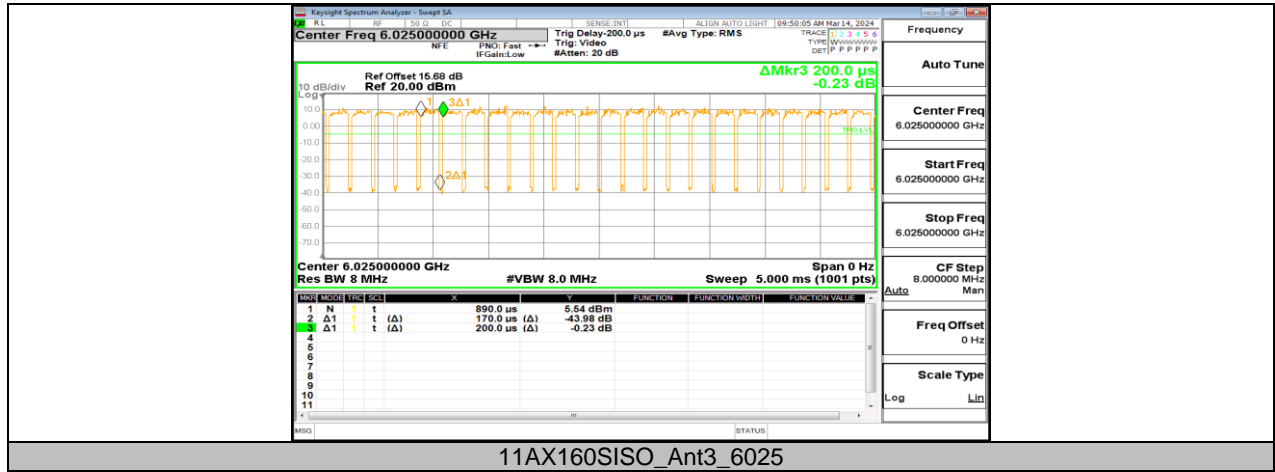
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.3.2. Test Graphs





11.4. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20SISO	Ant3	5955	2.68	8.40	≤24.00	PASS
		6175	2.28	8.00	≤24.00	PASS
		6415	2.84	8.56	≤24.00	PASS
		6435	2.85	8.57	≤24.00	PASS
		6475	3.19	8.91	≤24.00	PASS
		6515	3.14	8.86	≤24.00	PASS
		6535	2.49	8.21	≤24.00	PASS
		6695	2.93	8.65	≤24.00	PASS
		6855	2.69	8.41	≤24.00	PASS
		6875	2.81	8.53	≤24.00	PASS
		7015	2.59	8.31	≤24.00	PASS
11AX40SISO	Ant3	7115	2.63	8.35	≤24.00	PASS
		5965	4.86	10.58	≤24.00	PASS
		6165	5.37	11.09	≤24.00	PASS
		6405	4.73	10.45	≤24.00	PASS
		6445	4.29	10.01	≤24.00	PASS
		6485	4.70	10.42	≤24.00	PASS
		6525	4.92	10.64	≤24.00	PASS
		6685	4.50	10.22	≤24.00	PASS
		6845	4.45	10.17	≤24.00	PASS
		6885	4.60	10.32	≤24.00	PASS
		7005	5.03	10.75	≤24.00	PASS
11AX80SISO	Ant3	7085	5.75	11.47	≤24.00	PASS
		5985	8.08	13.80	≤24.00	PASS
		6145	8.42	14.14	≤24.00	PASS
		6385	7.83	13.55	≤24.00	PASS
		6465	6.99	12.71	≤24.00	PASS
		6545	7.56	13.28	≤24.00	PASS
		6705	9.41	15.13	≤24.00	PASS
		6865	8.17	13.89	≤24.00	PASS
		6945	8.80	14.52	≤24.00	PASS
		7025	8.31	14.03	≤24.00	PASS
11AX160SISO	Ant3	6025	11.65	17.37	≤24.00	PASS
		6185	11.20	16.92	≤24.00	PASS
		6345	10.76	16.48	≤24.00	PASS
		6505	11.17	16.89	≤24.00	PASS
		6665	11.74	17.46	≤24.00	PASS
		6825	11.43	17.15	≤24.00	PASS
		6985	11.46	17.18	≤24.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.

11.5. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20SISO	Ant3	5955	-7.67	-1.95	≤-1.00	PASS
		6175	-8.42	-2.70	≤-1.00	PASS
		6415	-7.90	-2.18	≤-1.00	PASS
		6435	-7.84	-2.12	≤-1.00	PASS
		6475	-7.54	-1.82	≤-1.00	PASS
		6515	-7.58	-1.86	≤-1.00	PASS
		6535	-8.19	-2.47	≤-1.00	PASS
		6695	-7.76	-2.04	≤-1.00	PASS
		6855	-8.07	-2.35	≤-1.00	PASS
		6875	-7.97	-2.25	≤-1.00	PASS
		7015	-8.08	-2.36	≤-1.00	PASS
		7115	-8.11	-2.39	≤-1.00	PASS
11AX40SISO	Ant3	5965	-7.76	-2.04	≤-1.00	PASS
		6165	-7.78	-2.06	≤-1.00	PASS
		6405	-8.22	-2.50	≤-1.00	PASS
		6445	-7.98	-2.26	≤-1.00	PASS
		6485	-8.36	-2.64	≤-1.00	PASS
		6525	-7.79	-2.07	≤-1.00	PASS
		6685	-8.15	-2.43	≤-1.00	PASS
		6845	-8.26	-2.54	≤-1.00	PASS
		6885	-7.39	-1.67	≤-1.00	PASS
		7005	-7.59	-1.87	≤-1.00	PASS
		7085	-7.61	-1.89	≤-1.00	PASS
11AX80SISO	Ant3	5985	-7.47	-1.75	≤-1.00	PASS
		6145	-7.46	-1.74	≤-1.00	PASS
		6385	-7.89	-2.17	≤-1.00	PASS
		6465	-7.79	-2.07	≤-1.00	PASS
		6545	-7.62	-1.90	≤-1.00	PASS
		6705	-9.46	-3.74	≤-1.00	PASS
		6865	-8.29	-2.57	≤-1.00	PASS
		6945	-7.75	-2.03	≤-1.00	PASS
11AX160SISO	Ant3	7025	-7.98	-2.26	≤-1.00	PASS
		6025	-7.79	-2.07	≤-1.00	PASS
		6185	-7.62	-1.90	≤-1.00	PASS
		6345	-7.92	-2.20	≤-1.00	PASS
		6505	-7.57	-1.85	≤-1.00	PASS
		6665	-7.48	-1.76	≤-1.00	PASS
		6825	-7.65	-1.93	≤-1.00	PASS
		6985	-7.45	-1.73	≤-1.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

11.5.2. Test Graphs

