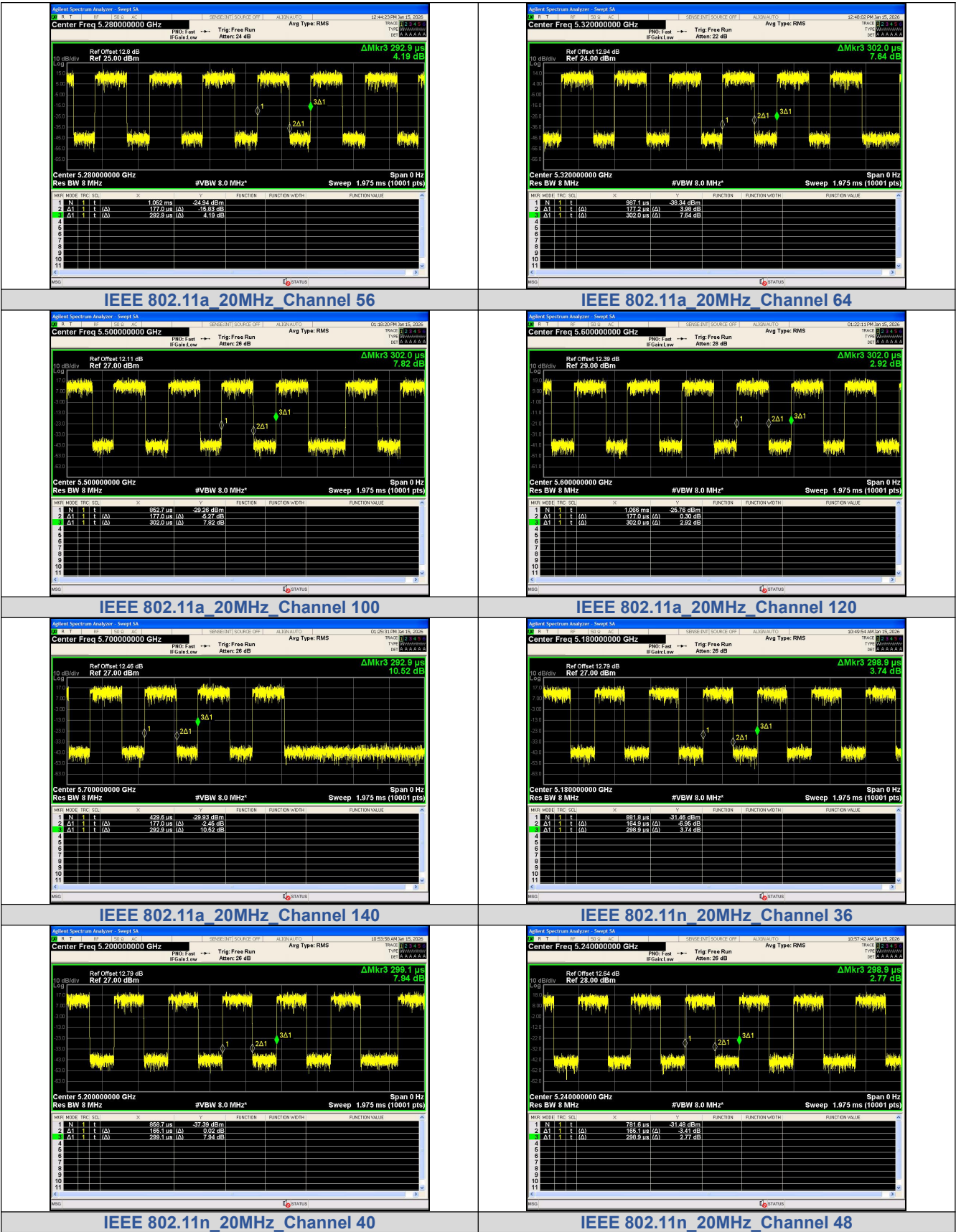
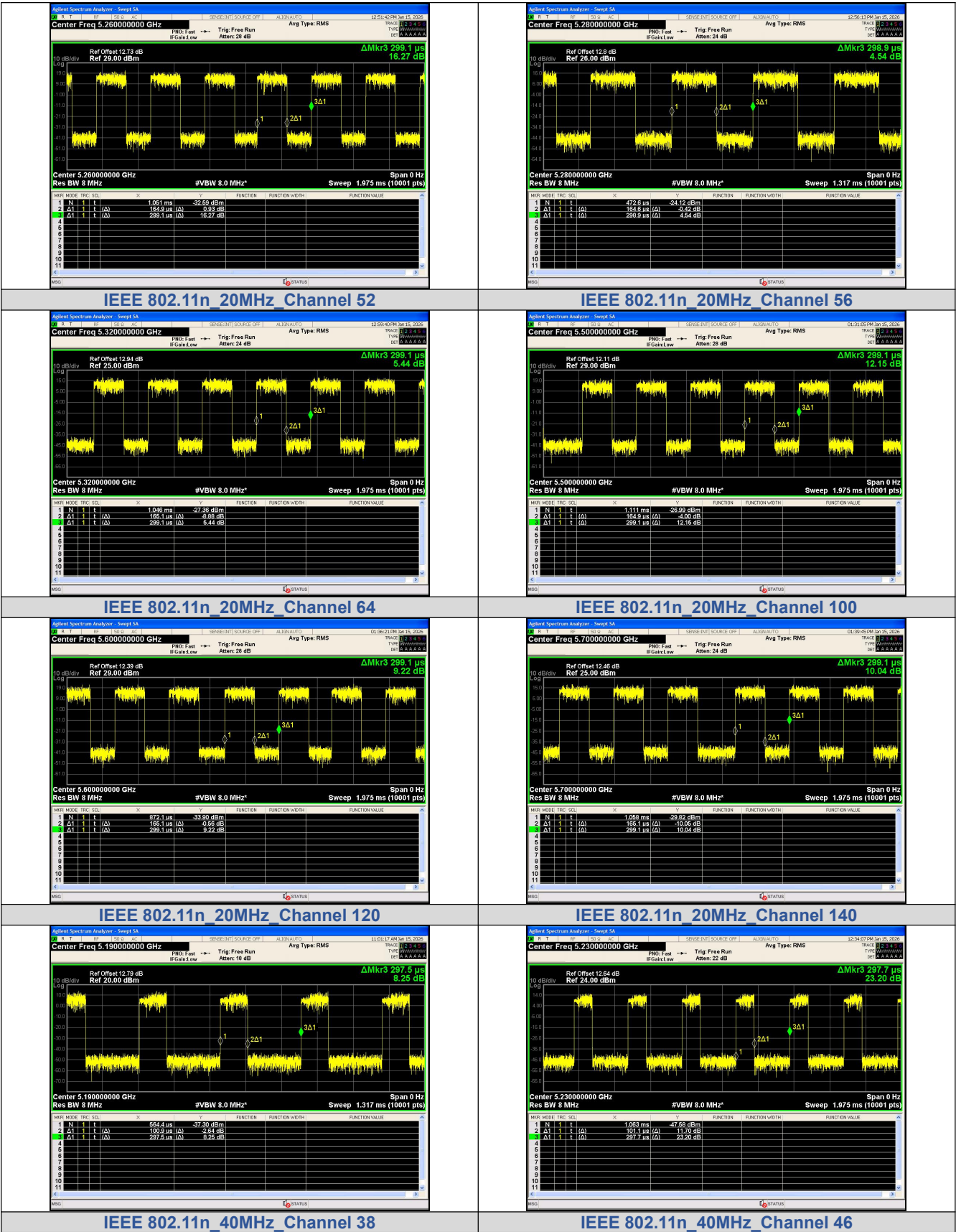




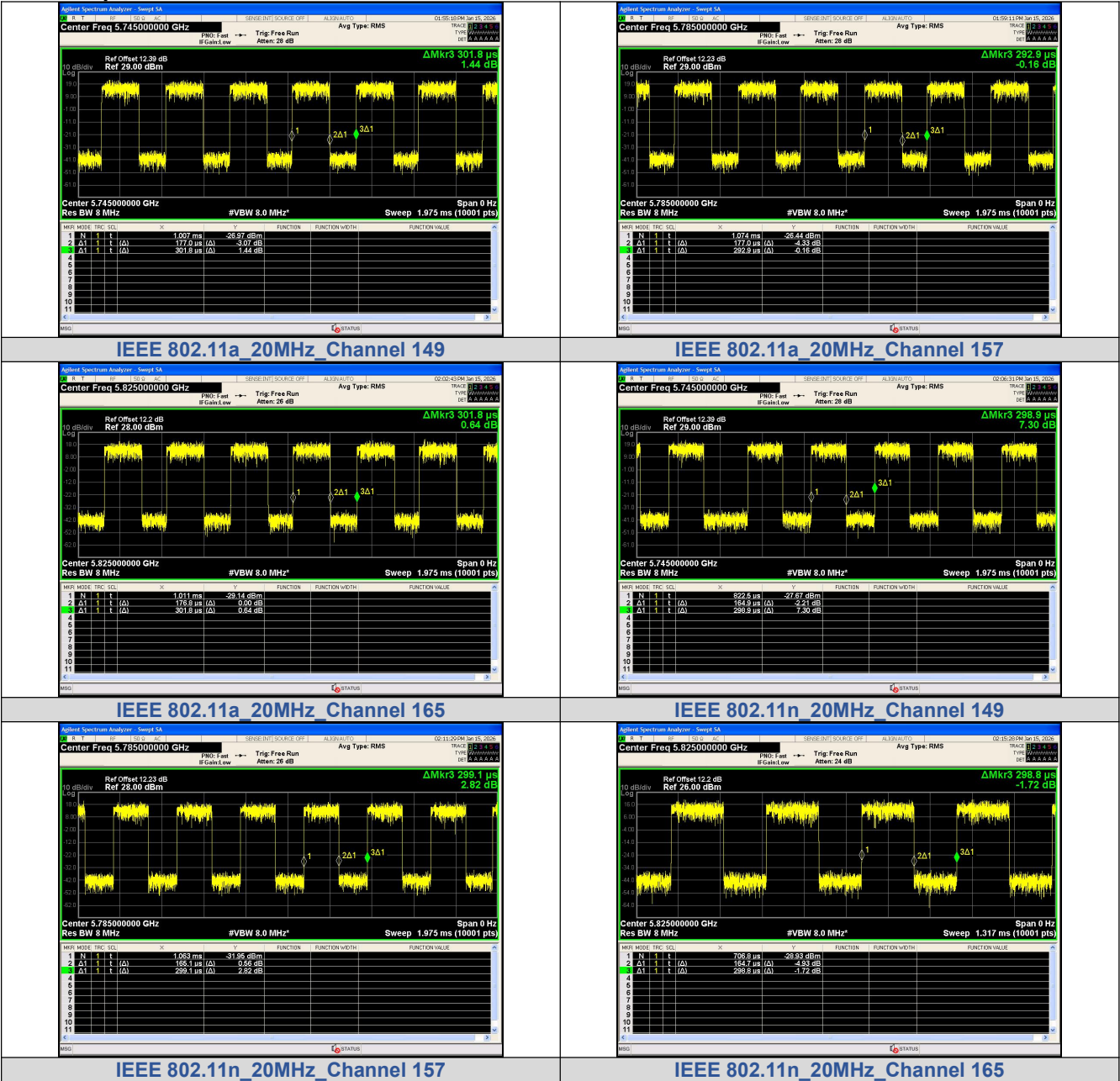


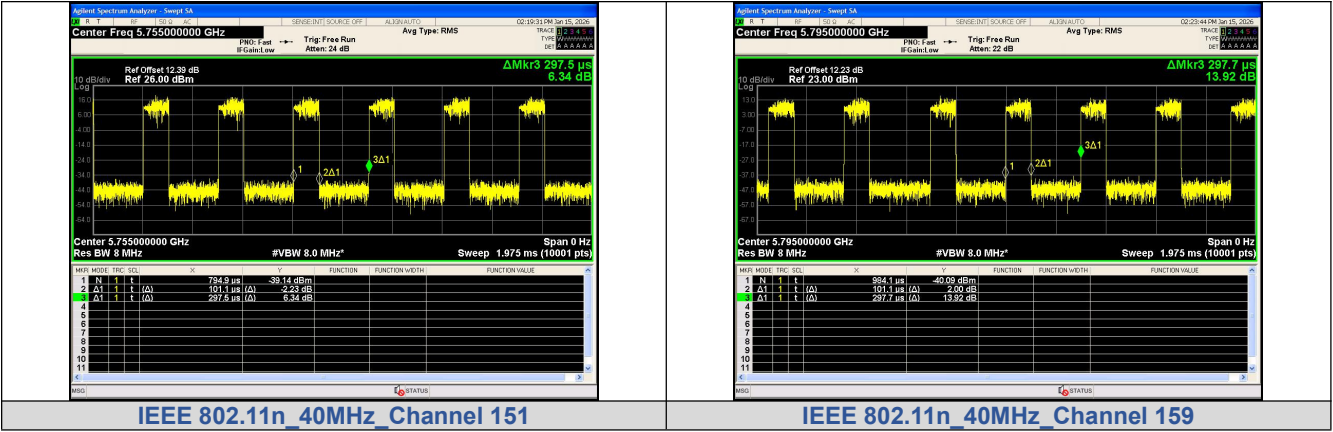


Test Result

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	54	149	1	0.177	0.302	58.64	0.5864	2.3181	5.6497
		157		0.177	0.293	60.42	0.6042	2.1882	5.6497
		165		0.177	0.302	58.57	0.5857	2.3232	5.6497
IEEE 802.11n_20	MCS 7	149		0.165	0.299	55.19	0.5519	2.5814	6.0606
		157		0.165	0.299	55.22	0.5522	2.579	6.0606
		165		0.165	0.299	55.13	0.5513	2.5861	6.0606
IEEE 802.11n_40		151		0.101	0.297	34.00	0.3400	4.6852	9.9010
		159		0.101	0.298	33.97	0.3397	4.689	9.9010

Test Graphs





APPENDIX VIII. Peak Power Spectral Density

Test Result

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz) Detector(AVG)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Antenna gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	3.420	2.1882	5.6082	3.29	8.8982	10	PASS
	40	1.452	2.321	3.773		7.063		PASS
	48	1.949	2.3158	4.2648		7.5548		PASS
IEEE 802.11n_20	36	3.081	2.5814	5.6624		8.9524		PASS
	40	3.905	2.579	6.484		9.774		PASS
	48	3.788	2.5767	6.3647		9.6547		PASS
IEEE 802.11n_40	38	-4.102	4.6967	0.5947		3.8847		PASS
	46	-0.846	4.689	3.843		7.133		PASS

Note:EIRP PSD(dBm/MHz)=Ant. 0 Meas PSD(dBm/MHz)+Duty Cycle Factor (dB)+PSD(dBm/MHz)+Antenna gain(dBi)

Mode	Channel	Ant. 0 Meas PSD (dBm/MHz) Detector(AVG)	Duty Cycle Factor (dB)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	52	3.567	2.1882	5.7552	11	PASS
	56	1.976	2.1882	4.1642		PASS
	64	1.356	2.3158	3.6718		PASS
	100	3.652	2.321	5.973		PASS
	120	5.662	2.321	7.983		PASS
	140	4.271	2.1882	6.4592		PASS
IEEE 802.11n_20	52	0.431	2.5845	3.0155		PASS
	56	2.481	2.5908	5.0718		PASS
	64	1.866	2.579	4.445		PASS
	100	3.912	2.5845	6.4965		PASS
	120	5.184	2.579	7.763		PASS
	140	2.076	2.579	4.655		PASS
IEEE 802.11n_40	54	0.059	4.7031	4.7621		PASS
	62	-4.440	4.6852	0.2452		PASS
	102	-4.836	4.698	-0.138		PASS
	118	0.427	4.689	5.116		PASS
	134	0.341	4.6942	5.0352		PASS

Note:PSD(dBm/MHz)=Ant. 0 Meas PSD(dBm/MHz)+Duty Cycle Factor (dB)

Test Graphs

