

Appendix for 15.407

1. Duty Cycle

1.1 Test Result

ANT 1:

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.361	1.397	97.42	0.11
	5200	SISO	1	1.361	1.397	97.42	0.11
	5240	SISO	1	1.360	1.396	97.42	0.11
	5260	SISO	1	1.361	1.397	97.42	0.11
	5300	SISO	1	1.360	1.396	97.42	0.11
	5320	SISO	1	1.360	1.395	97.49	0.11
	5500	SISO	1	1.361	1.397	97.42	0.11
	5580	SISO	1	1.360	1.396	97.42	0.11
	5600	SISO	1	1.360	1.396	97.42	0.11
	5700	SISO	1	1.391	1.428	97.41	0.11
802.11n(HT20)	5180	SISO	1	1.286	1.323	97.20	0.12
	5200	SISO	1	1.287	1.323	97.28	0.12
	5240	SISO	1	1.288	1.325	97.21	0.12
	5260	SISO	1	1.287	1.323	97.28	0.12
	5300	SISO	1	1.287	1.323	97.28	0.12
	5320	SISO	1	1.287	1.323	97.28	0.12
	5500	SISO	1	1.286	1.323	97.20	0.12
	5580	SISO	1	1.288	1.324	97.28	0.12
	5600	SISO	1	1.287	1.323	97.28	0.12
	5700	SISO	1	1.286	1.323	97.20	0.12
802.11n(HT40)	5190	SISO	1	0.607	0.641	94.70	0.24
	5230	SISO	1	0.607	0.640	94.84	0.23
	5270	SISO	1	0.607	0.641	94.70	0.24
	5310	SISO	1	0.606	0.640	94.69	0.24
	5510	SISO	1	0.607	0.641	94.70	0.24
	5550	SISO	1	0.607	0.640	94.84	0.23
	5590	SISO	1	0.607	0.641	94.70	0.24
	5670	SISO	1	0.607	0.640	94.84	0.23
802.11ac(VHT20)	5180	SISO	1	0.649	0.683	95.02	0.22
	5200	SISO	1	0.649	0.683	95.02	0.22
	5240	SISO	1	0.649	0.683	95.02	0.22
	5260	SISO	1	0.649	0.683	95.02	0.22
	5300	SISO	1	0.649	0.682	95.16	0.22
	5320	SISO	1	0.649	0.684	94.88	0.23
	5500	SISO	1	0.649	0.683	95.02	0.22
	5580	SISO	1	0.649	0.684	94.88	0.23
	5600	SISO	1	0.649	0.683	95.02	0.22
	5700	SISO	1	0.648	0.682	95.01	0.22
802.11ac(VHT40)	5190	SISO	1	0.352	0.414	85.02	0.70
	5230	SISO	1	0.352	0.387	90.96	0.41
	5270	SISO	1	0.352	0.414	85.02	0.70
	5310	SISO	1	0.352	0.387	90.96	0.41
	5510	SISO	1	0.352	0.414	85.02	0.70
	5550	SISO	1	0.352	0.387	90.96	0.41
	5590	SISO	1	0.352	0.387	90.96	0.41
	5670	SISO	1	0.352	0.414	85.02	0.70

802.11ac(VHT80)	5210	SISO	1	0.188	0.665	28.27	5.49
	5290	SISO	1	0.188	0.665	28.27	5.49
	5530	SISO	1	0.188	0.665	28.27	5.49
	5610	SISO	1	0.188	0.664	28.31	5.48

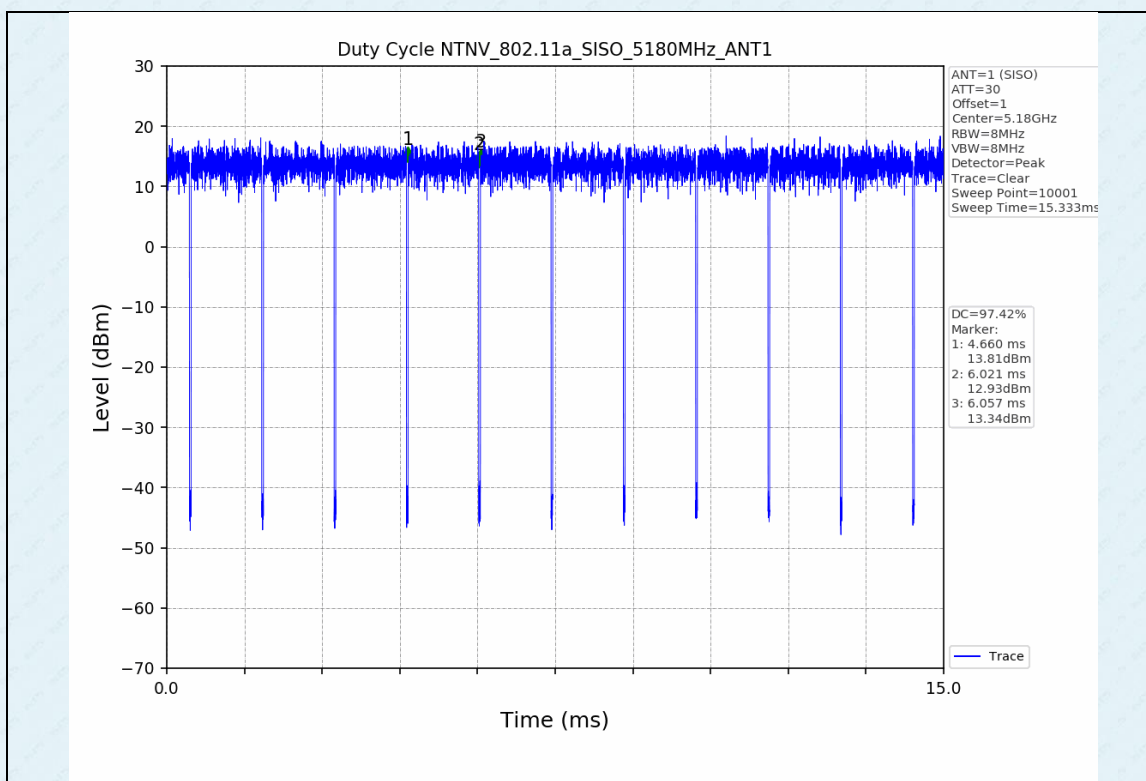
ANT 2:

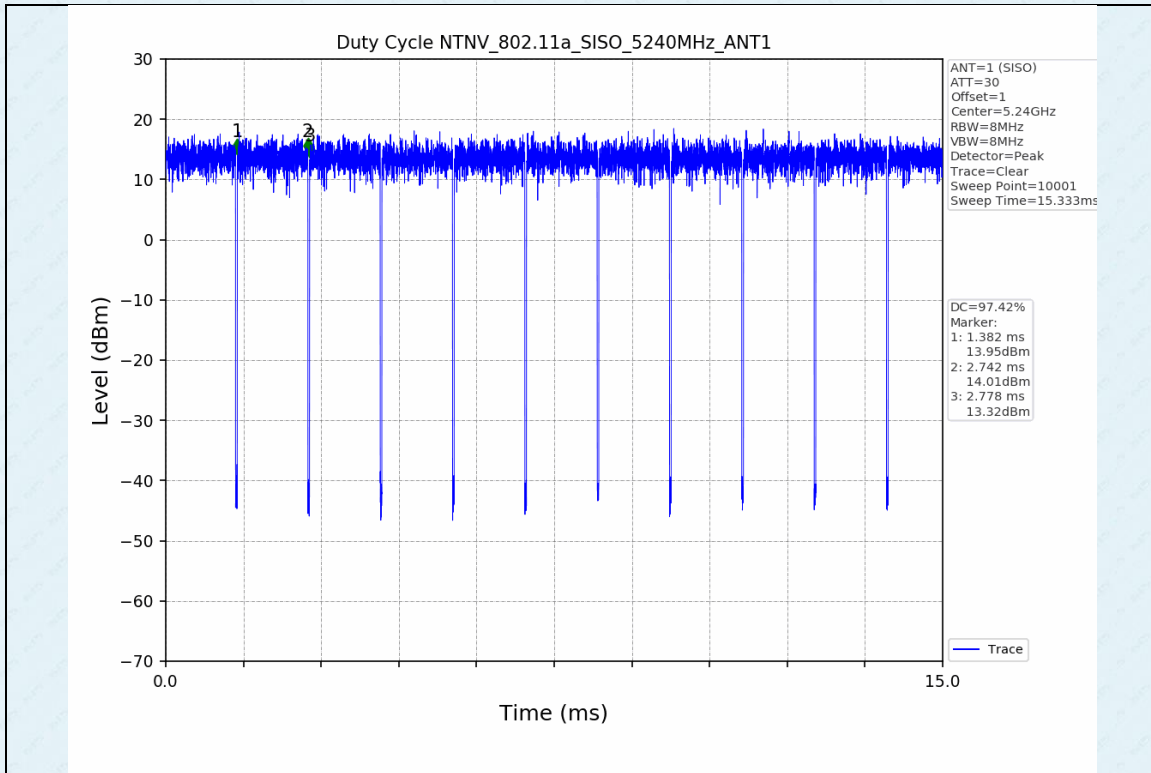
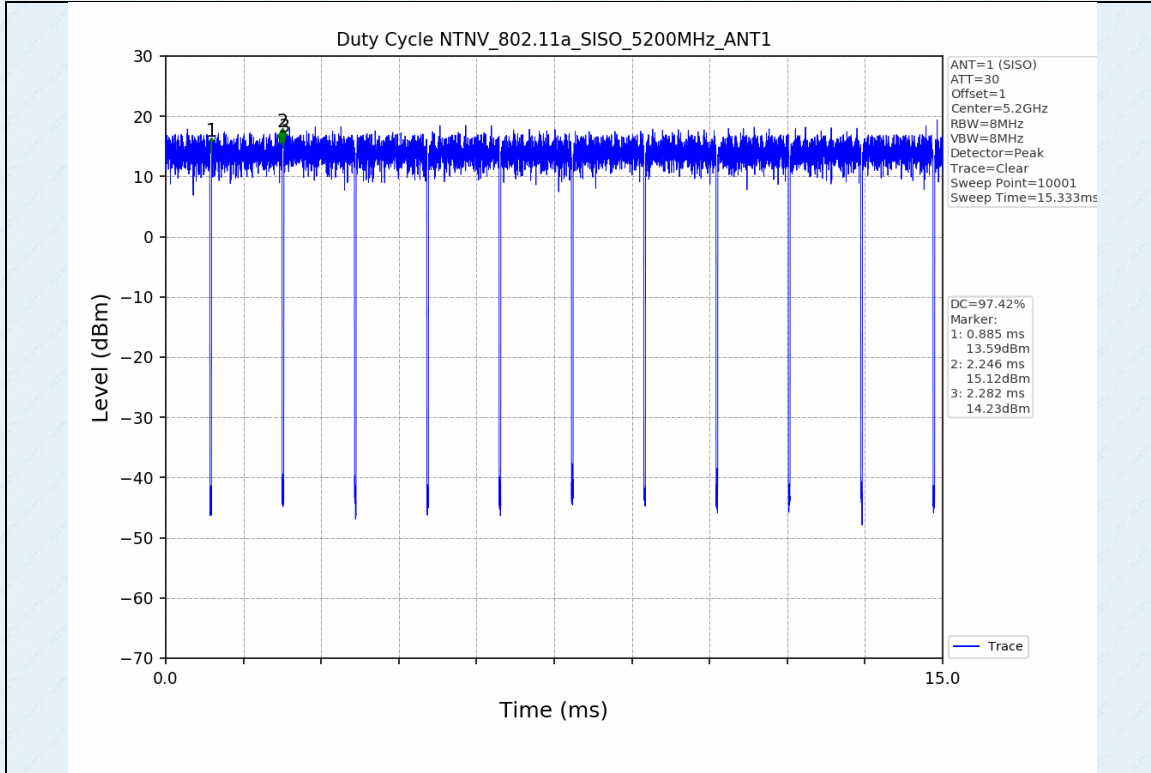
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.360	1.396	97.42	0.11
	5200	SISO	1	0.935	0.971	96.29	0.16
	5240	SISO	1	0.935	0.971	96.29	0.16
	5260	SISO	1	0.935	0.971	96.29	0.16
	5300	SISO	1	0.936	0.972	96.30	0.16
	5320	SISO	1	0.936	0.972	96.30	0.16
	5500	SISO	1	0.935	0.971	96.29	0.16
	5580	SISO	1	0.936	0.972	96.30	0.16
	5600	SISO	1	0.935	0.971	96.29	0.16
802.11n(HT20)	5180	SISO	1	1.299	1.335	97.30	0.12
	5200	SISO	1	1.299	1.336	97.23	0.12
	5240	SISO	1	1.299	1.336	97.23	0.12
	5260	SISO	1	1.299	1.336	97.23	0.12
	5300	SISO	1	1.299	1.335	97.30	0.12
	5320	SISO	1	1.299	1.335	97.30	0.12
	5500	SISO	1	1.299	1.336	97.23	0.12
	5580	SISO	1	1.300	1.336	97.31	0.12
	5600	SISO	1	1.299	1.335	97.30	0.12
802.11n(HT40)	5190	SISO	1	1.299	1.336	97.23	0.12
	5230	SISO	1	0.344	0.379	90.77	0.42
	5270	SISO	1	0.618	0.652	94.79	0.23
	5310	SISO	1	0.619	0.652	94.94	0.23
	5510	SISO	1	0.618	0.652	94.79	0.23
	5550	SISO	1	0.618	0.651	94.93	0.23
	5590	SISO	1	0.618	0.651	94.93	0.23
	5670	SISO	1	0.618	0.652	94.79	0.23
802.11ac(VHT20)	5180	SISO	1	0.649	0.684	94.88	0.23
	5200	SISO	1	0.649	0.683	95.02	0.22
	5240	SISO	1	0.649	0.682	95.16	0.22
	5260	SISO	1	0.649	0.683	95.02	0.22
	5300	SISO	1	0.649	0.683	95.02	0.22
	5320	SISO	1	0.649	0.683	95.02	0.22
	5500	SISO	1	0.649	0.683	95.02	0.22
	5580	SISO	1	0.649	0.683	95.02	0.22
	5600	SISO	1	0.649	0.683	95.02	0.22
802.11ac(VHT40)	5190	SISO	1	0.649	0.683	95.02	0.22
	5190	SISO	1	0.352	0.414	85.02	0.70
	5230	SISO	1	0.352	0.387	90.96	0.41
	5270	SISO	1	0.352	0.387	90.96	0.41
	5310	SISO	1	0.352	0.388	90.72	0.42
	5510	SISO	1	0.351	0.387	90.70	0.42
	5550	SISO	1	0.352	0.387	90.96	0.41
	5590	SISO	1	0.352	0.388	90.72	0.42
802.11ac(VHT80)	5670	SISO	1	0.352	0.387	90.96	0.41
	5210	SISO	1	0.187	0.664	28.16	5.50

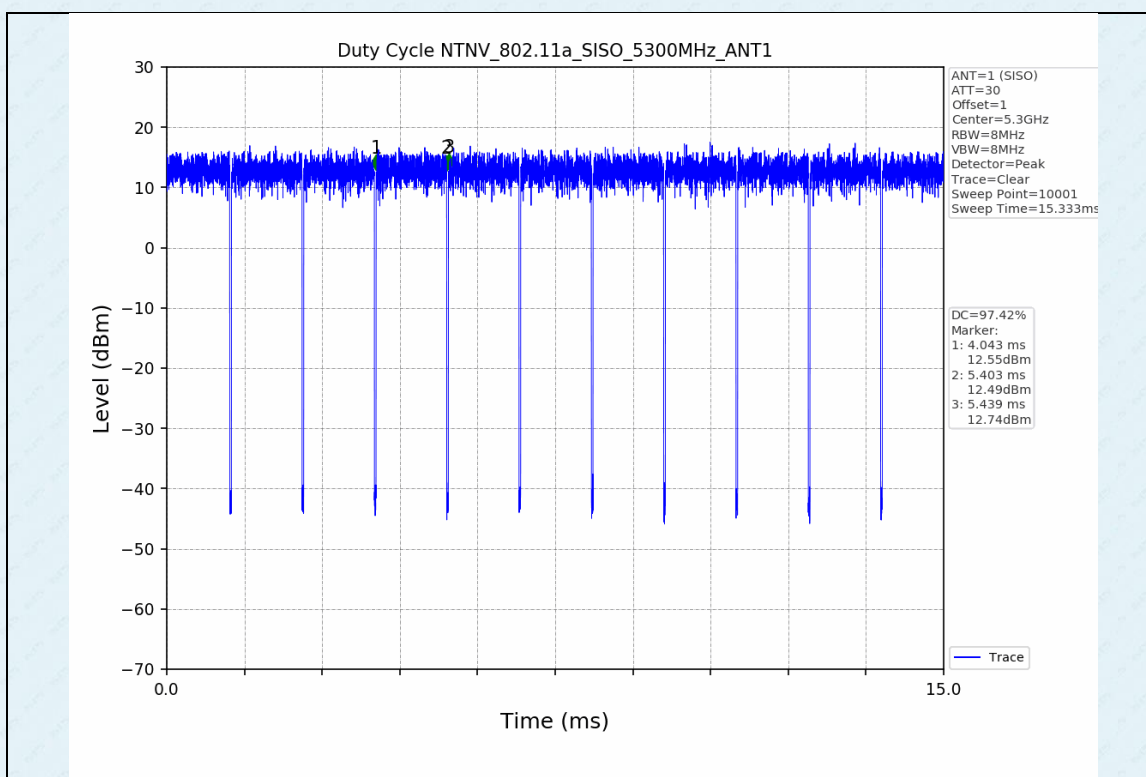
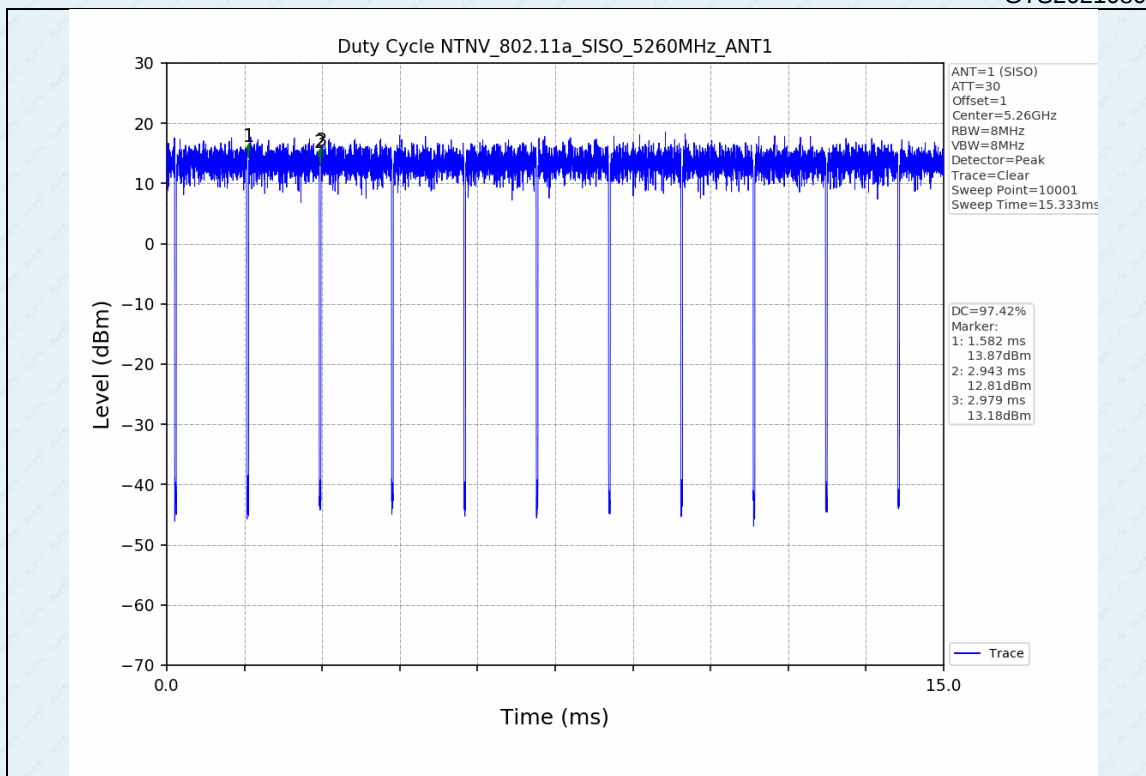
	5290	SISO	1	0.188	0.674	27.89	5.55
	5530	SISO	1	0.188	0.655	28.70	5.42
	5610	SISO	1	0.188	0.223	84.30	0.74

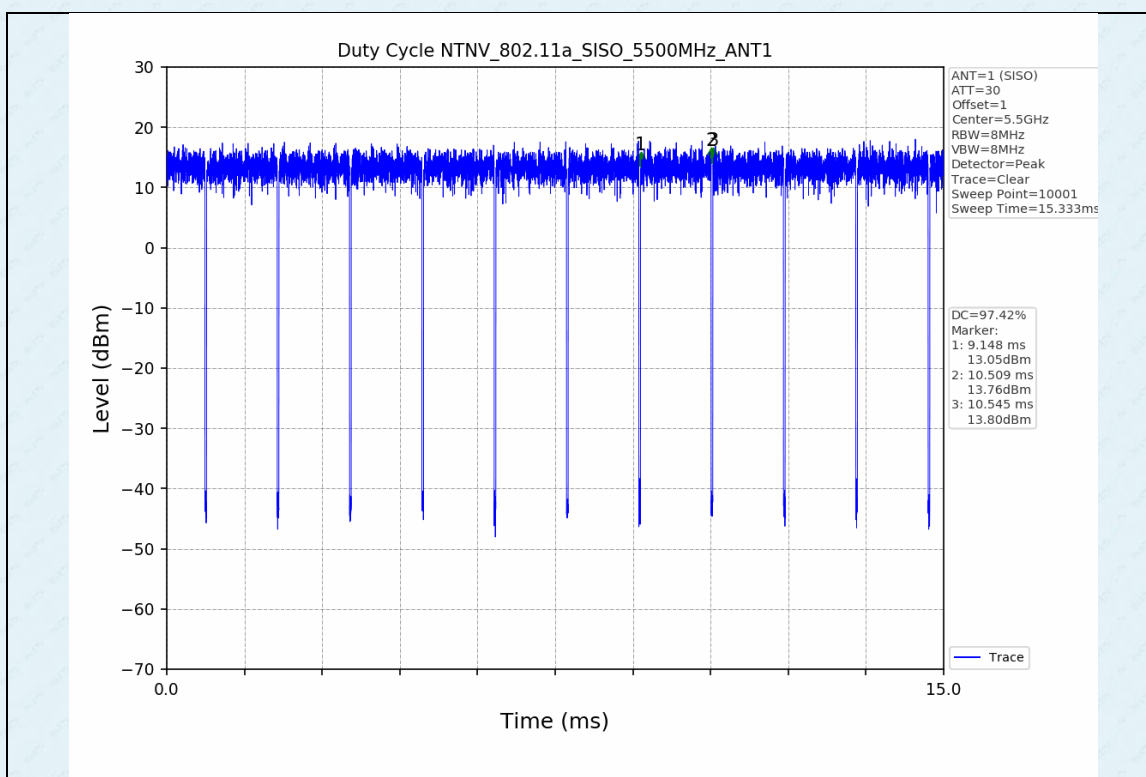
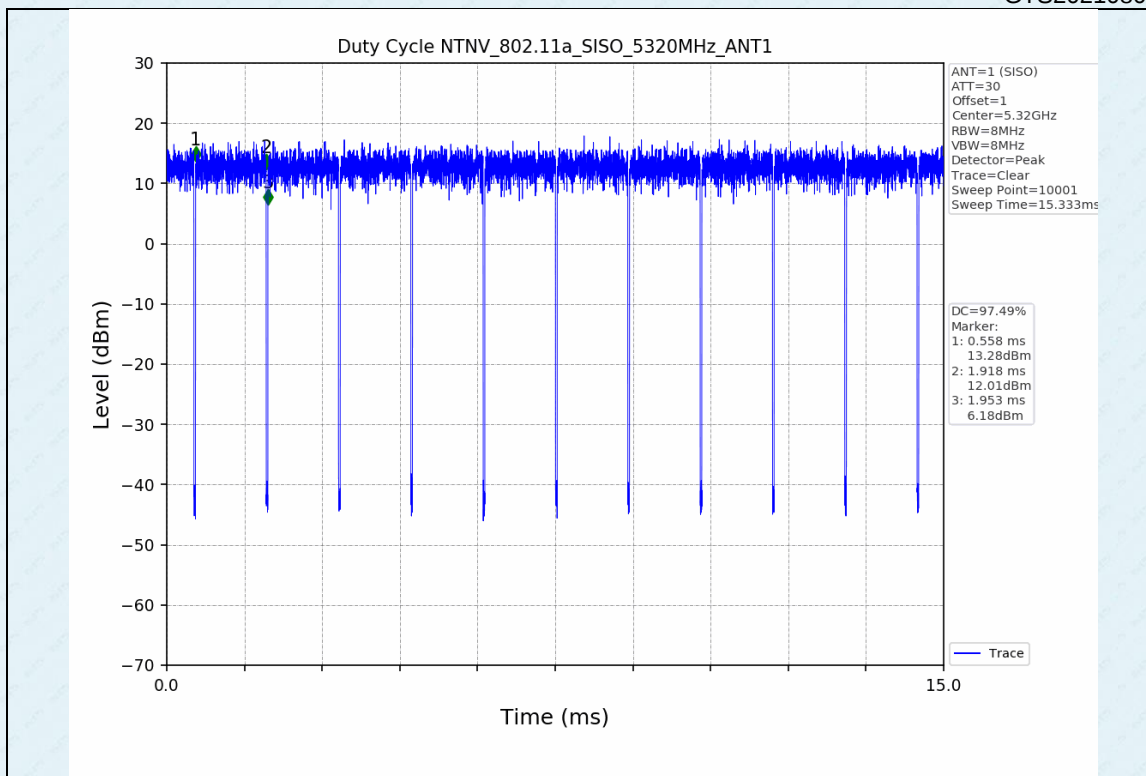
1.2 Test Graph

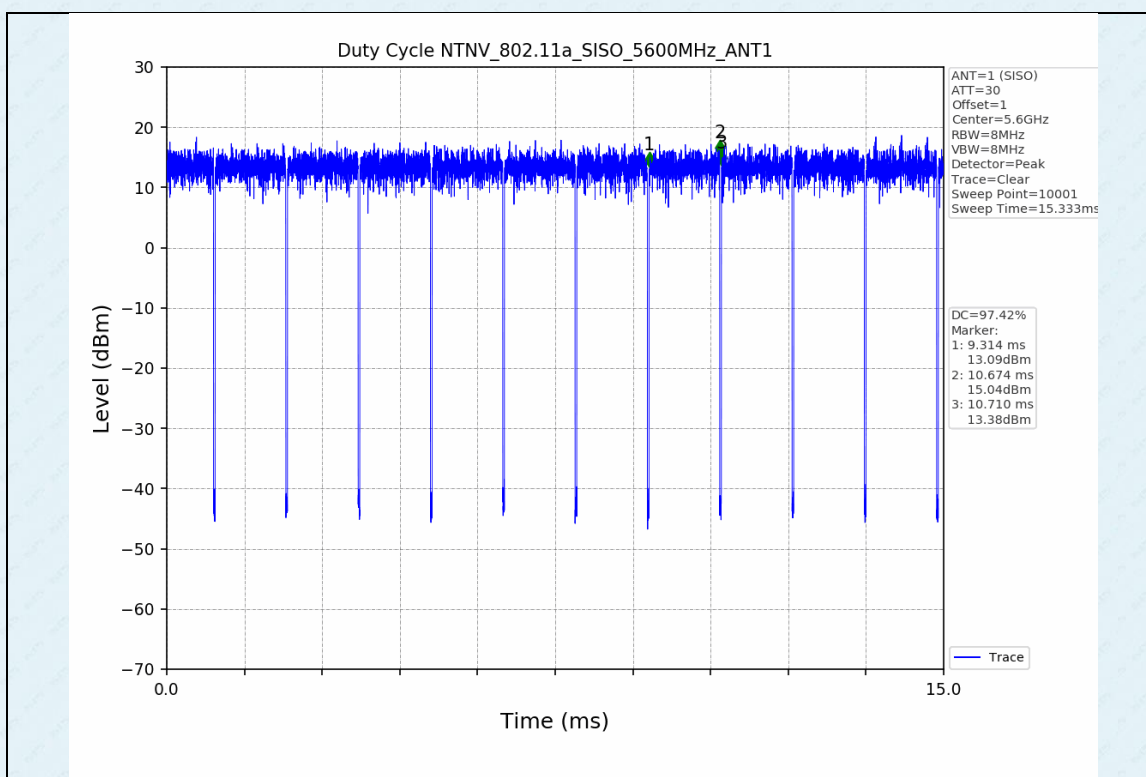
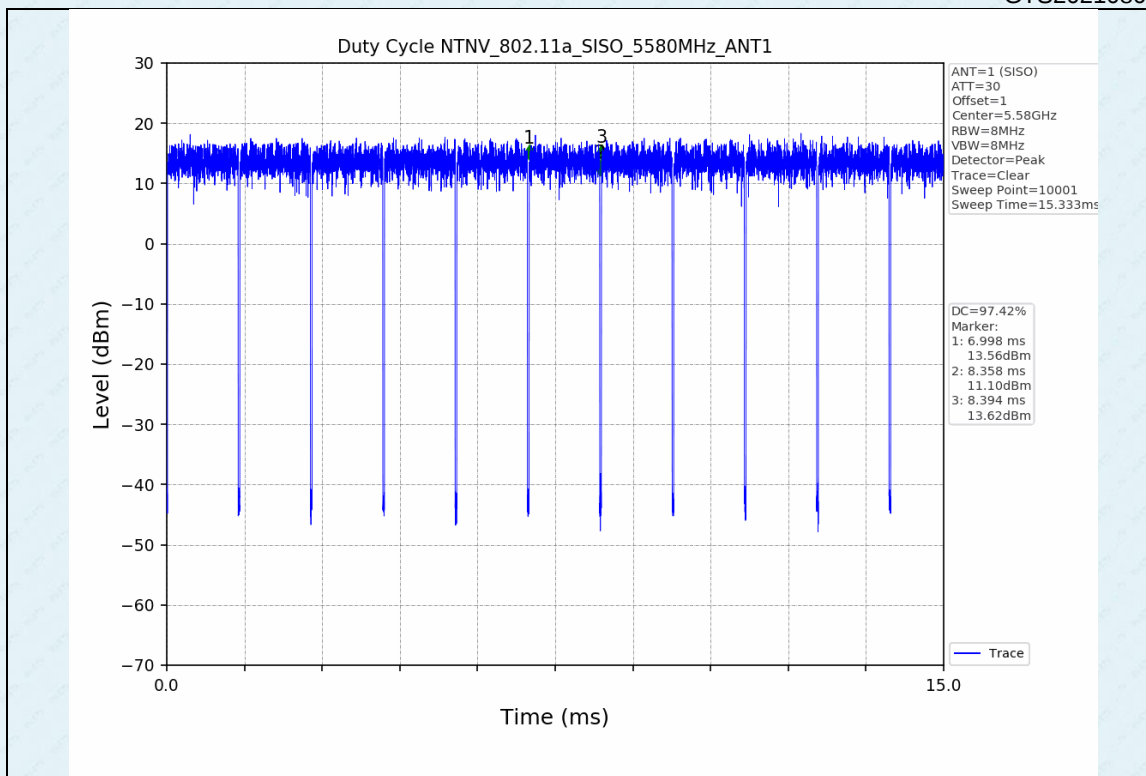
ANT 1:

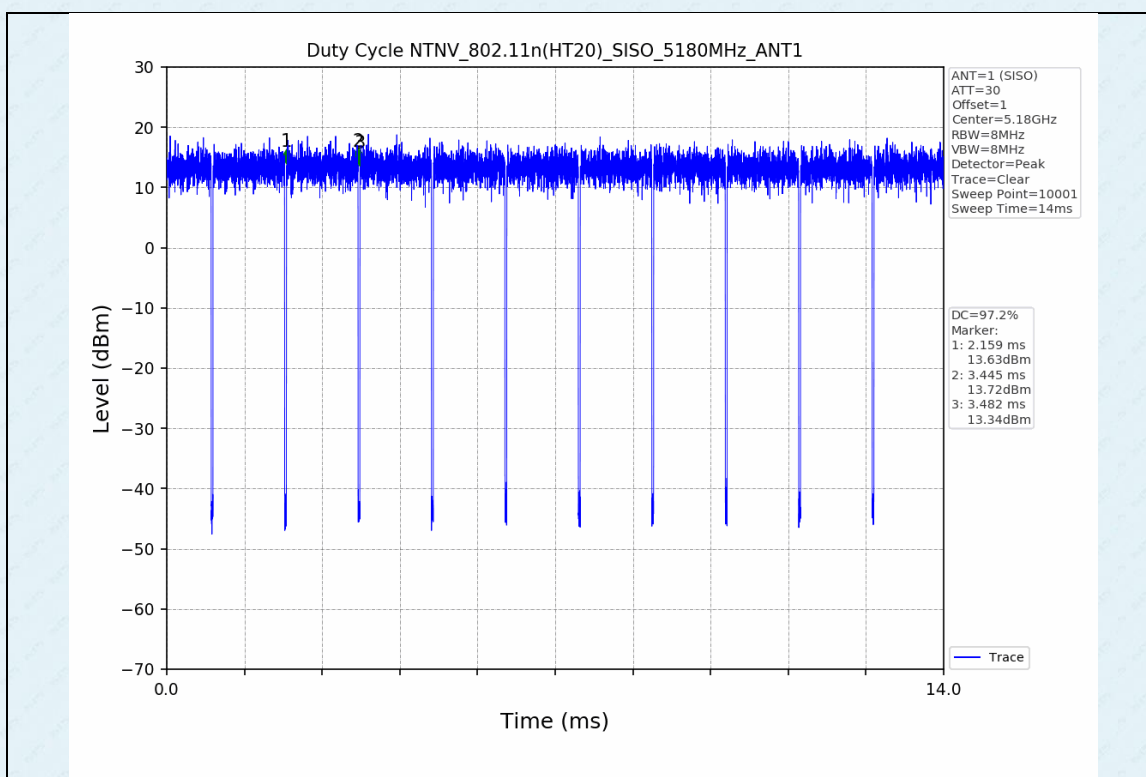
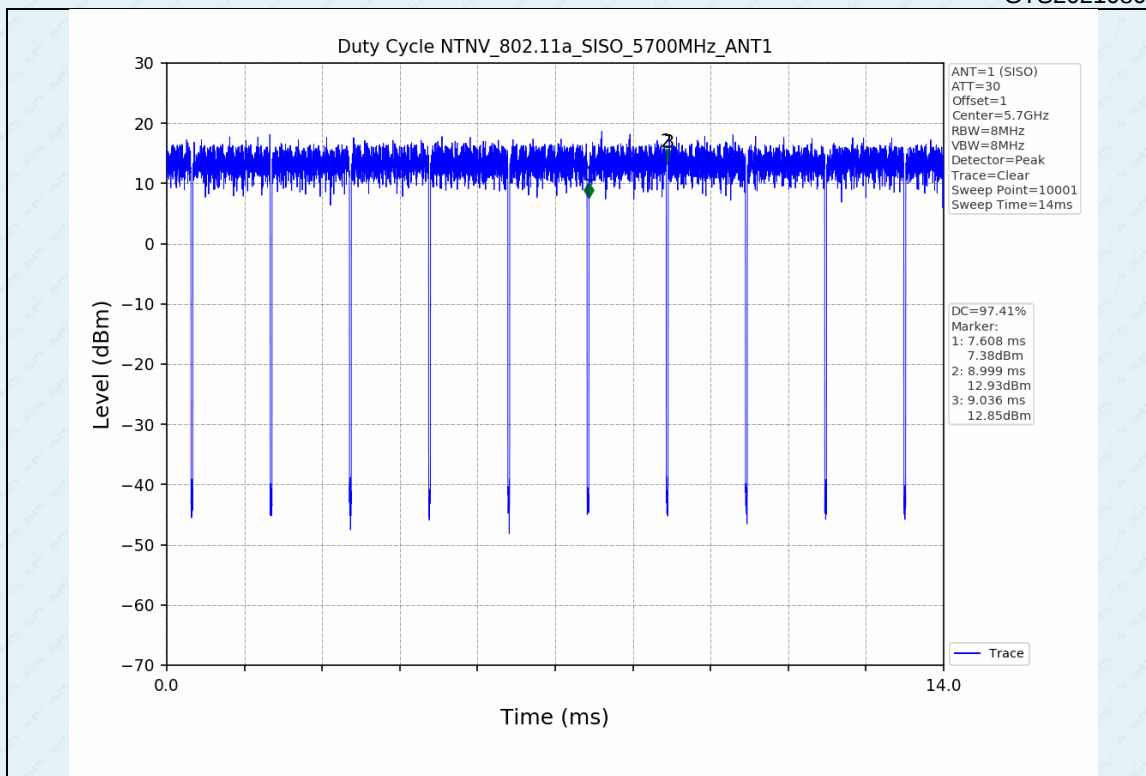


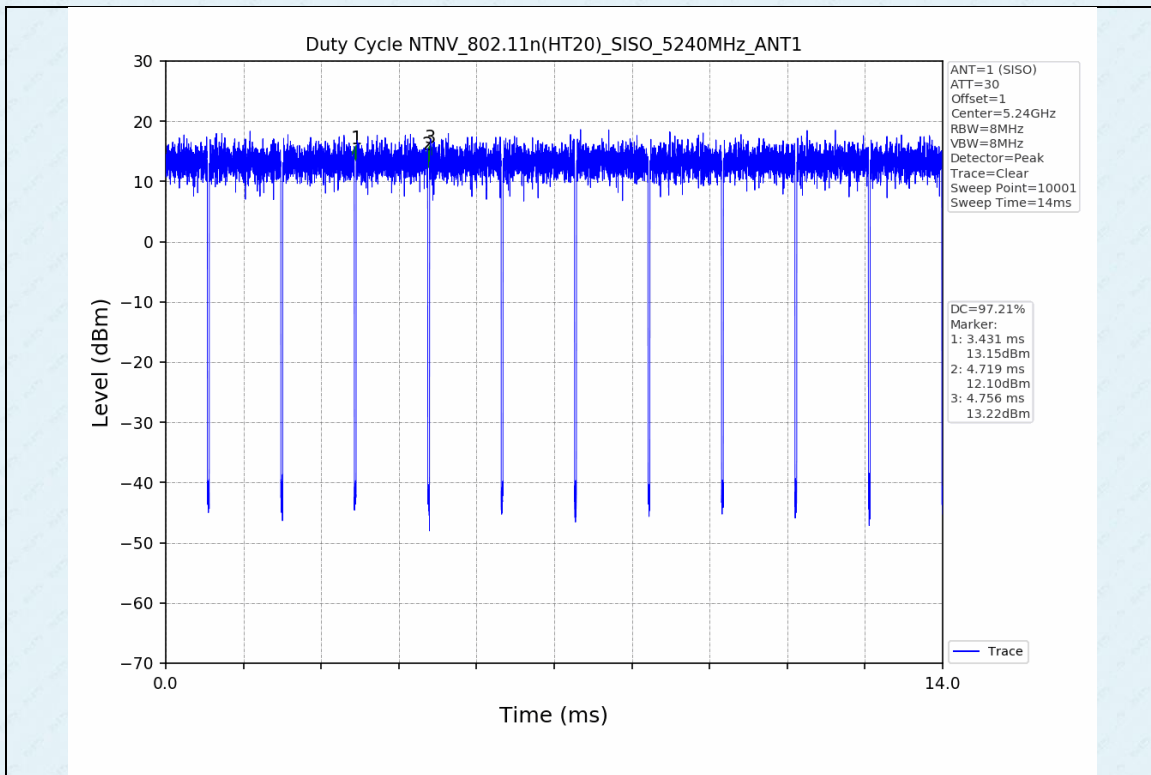
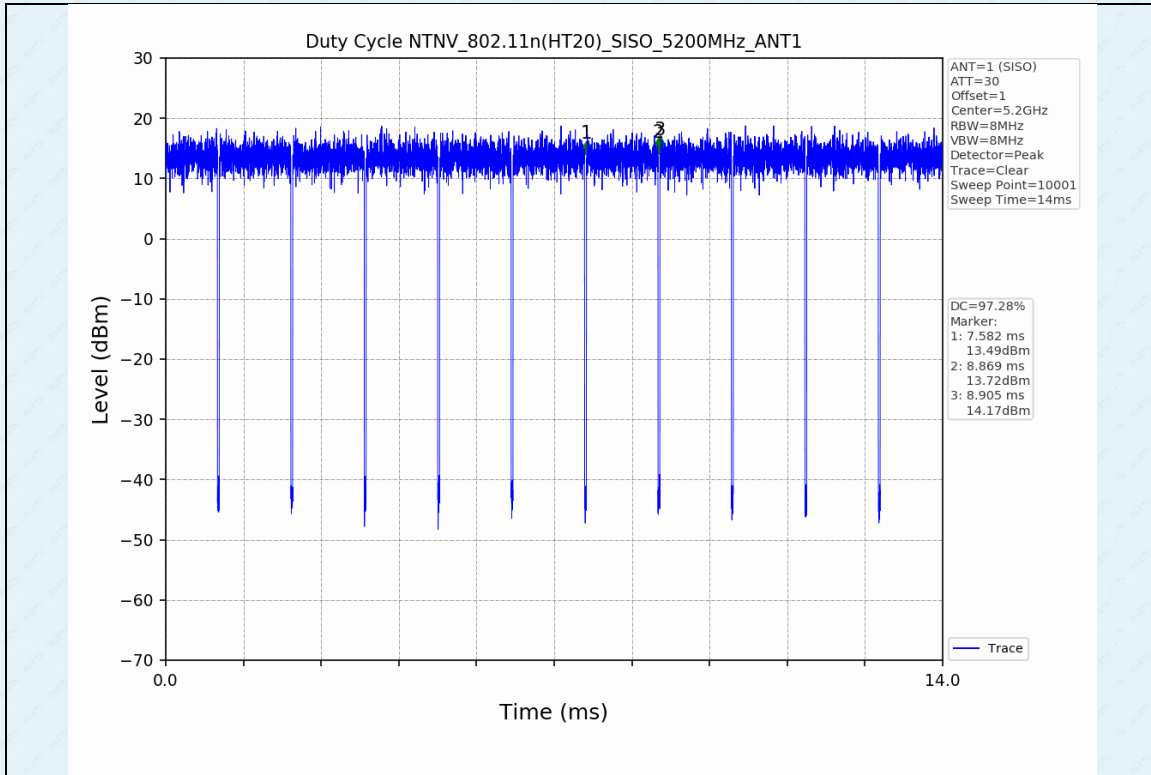


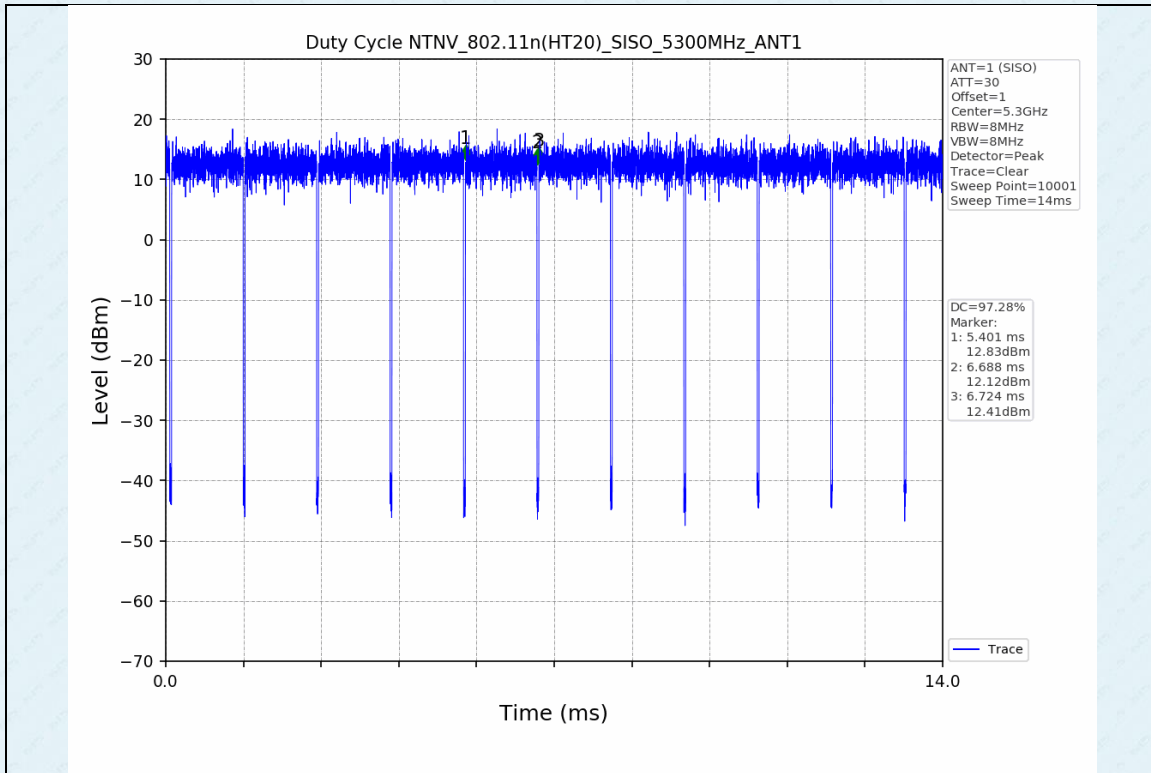
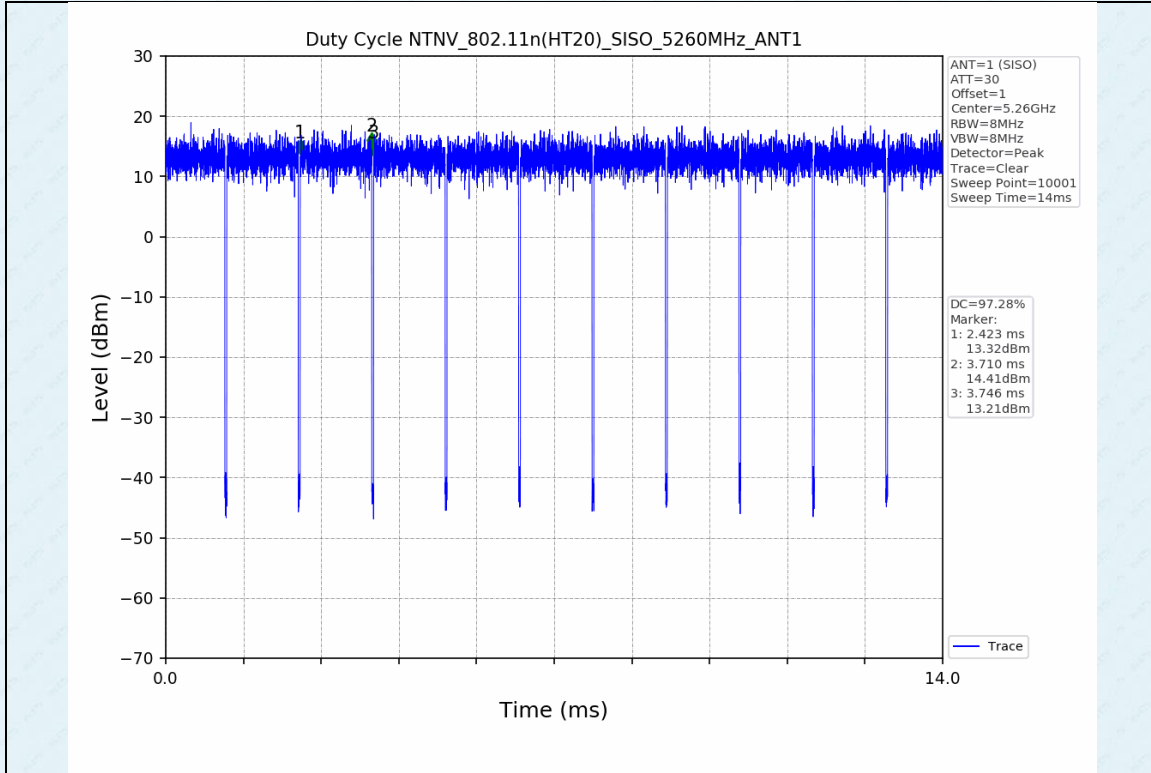


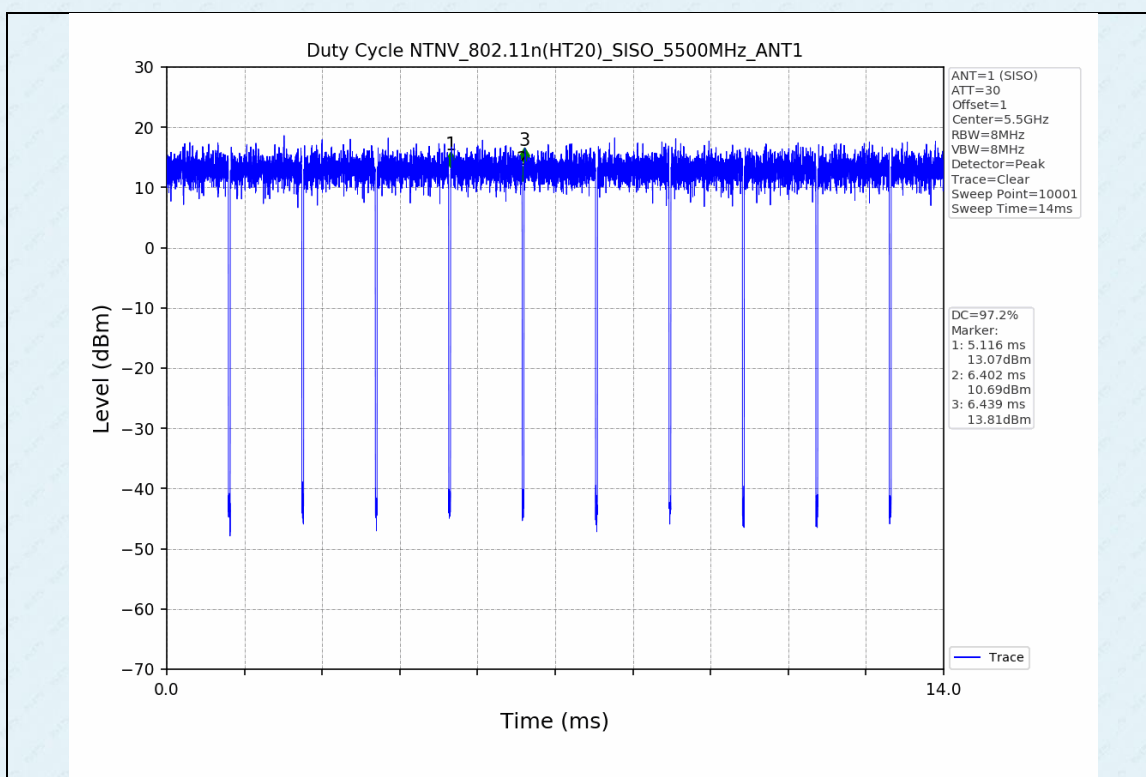
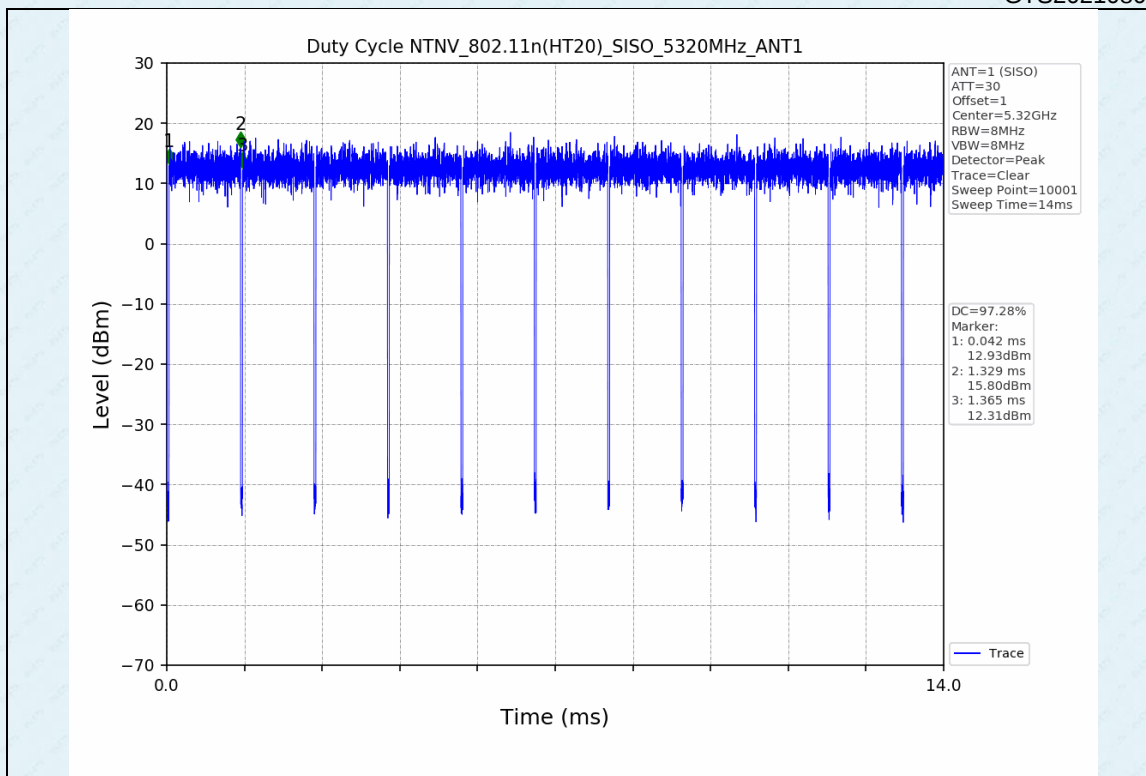


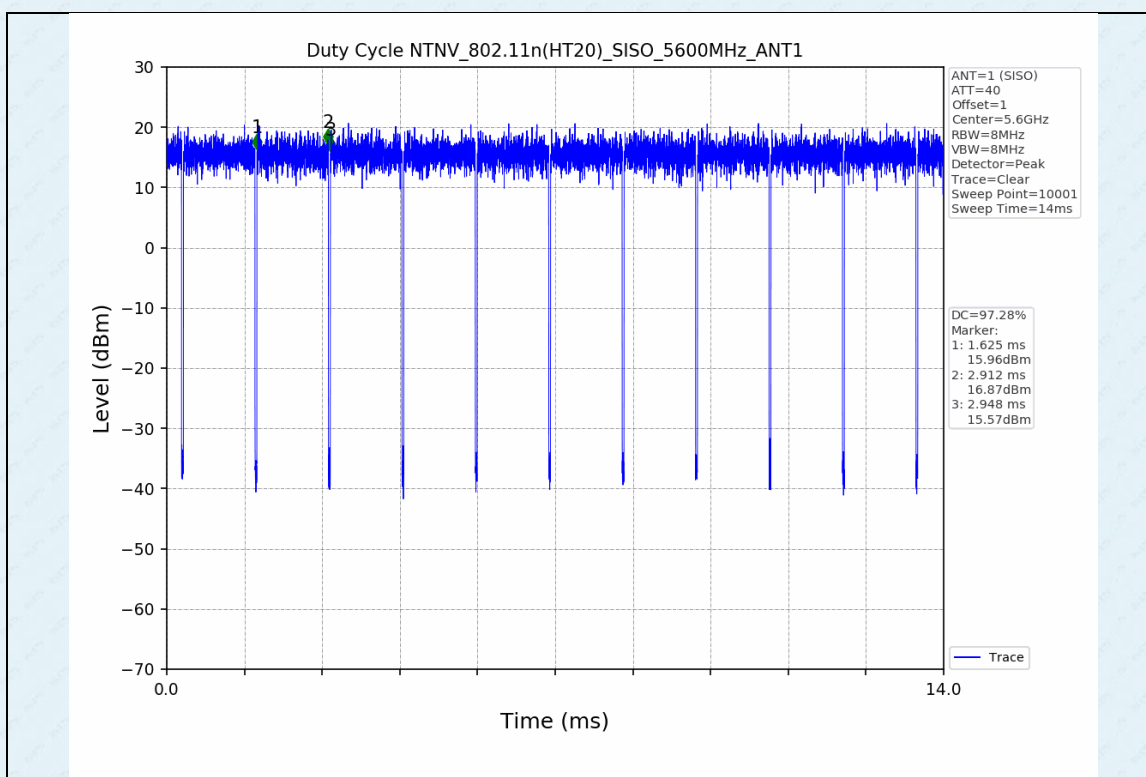
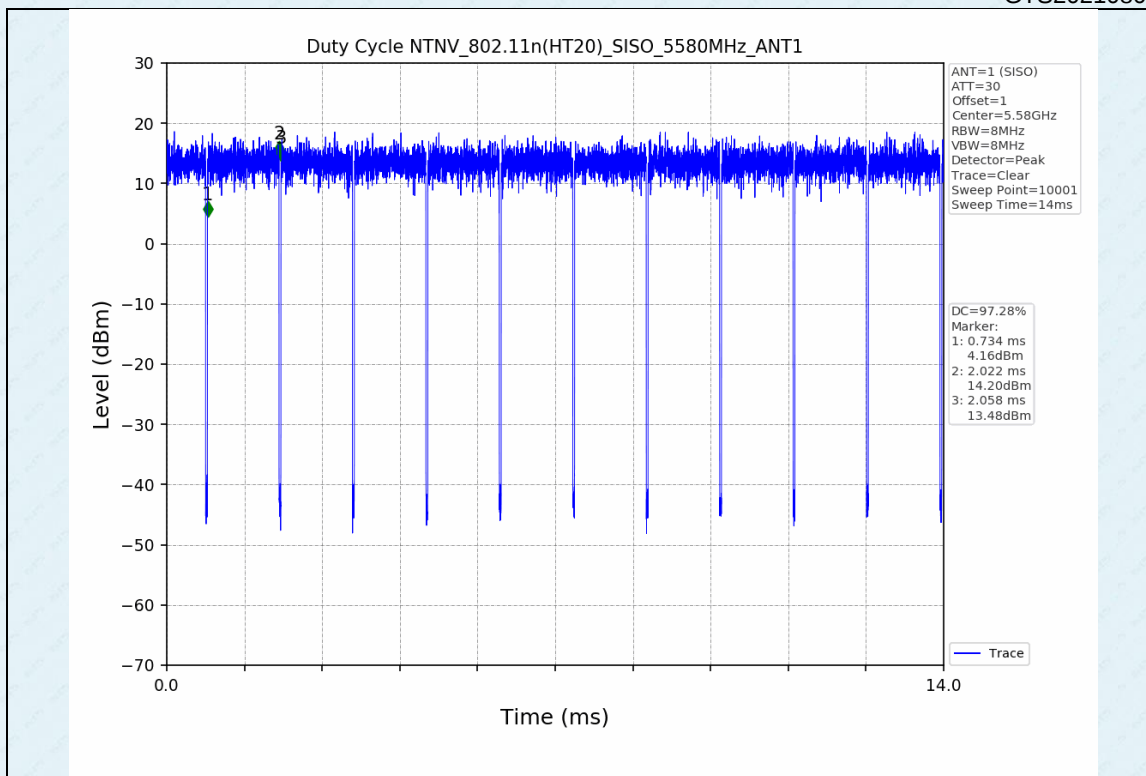


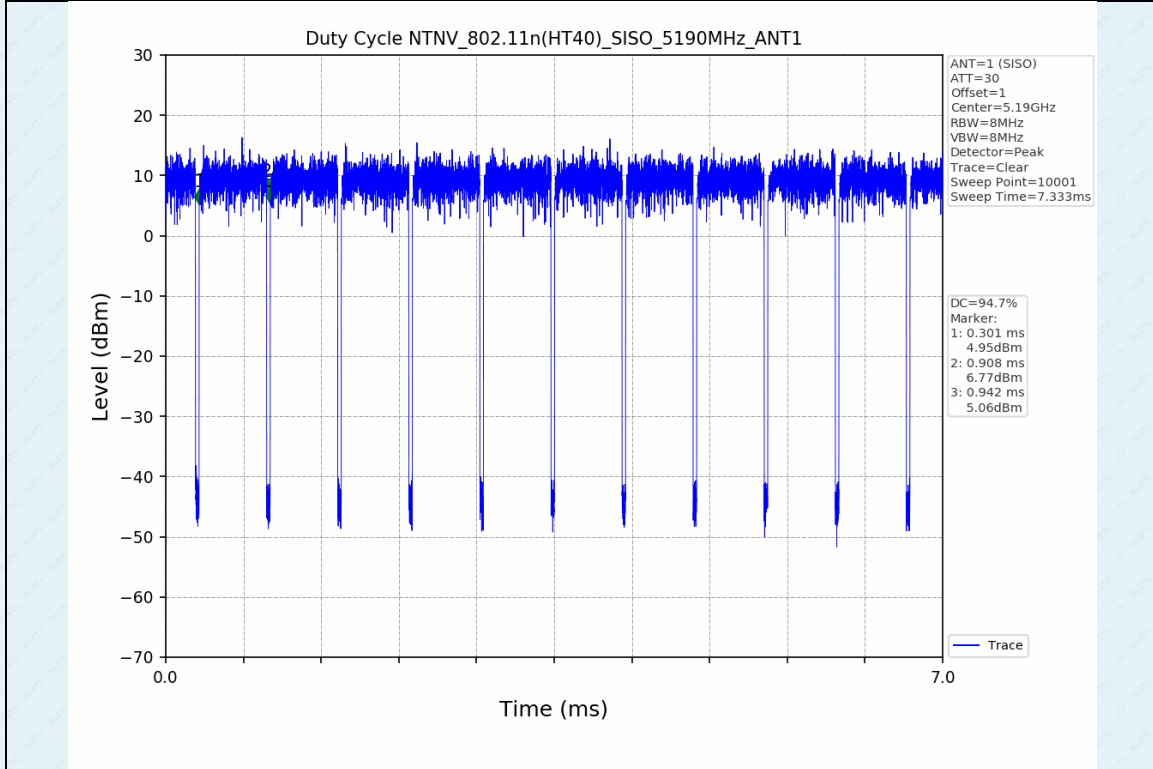
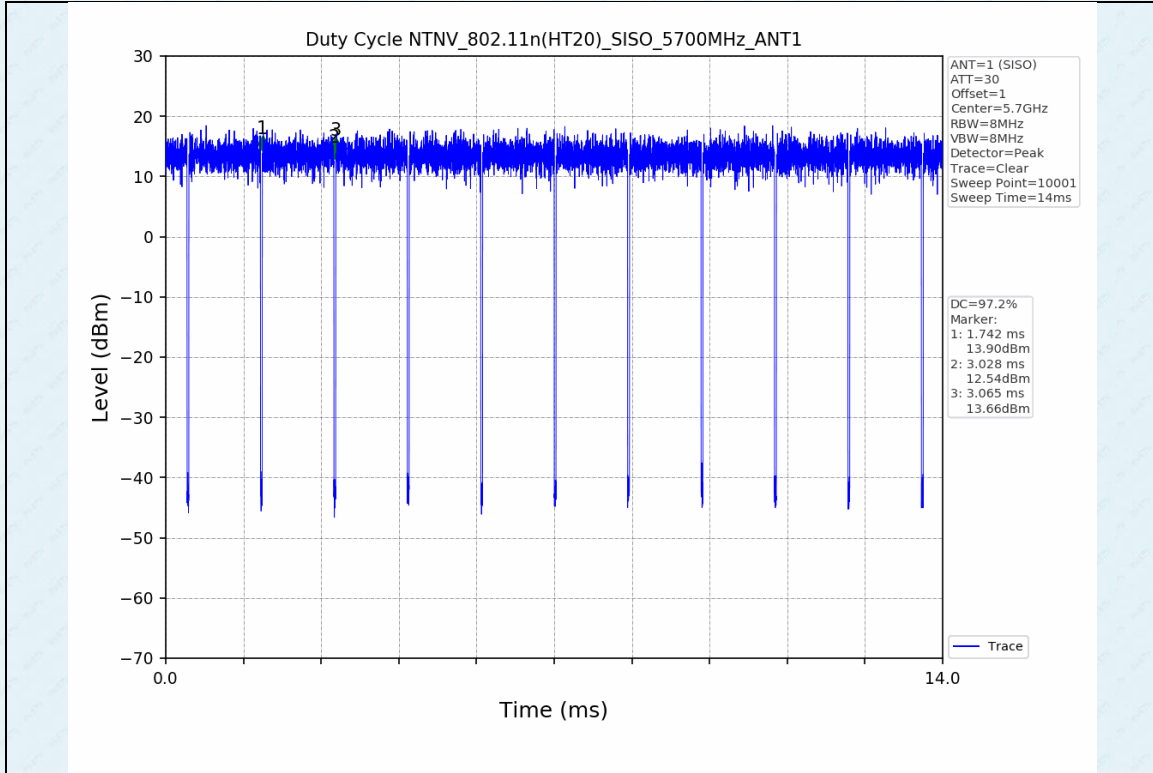


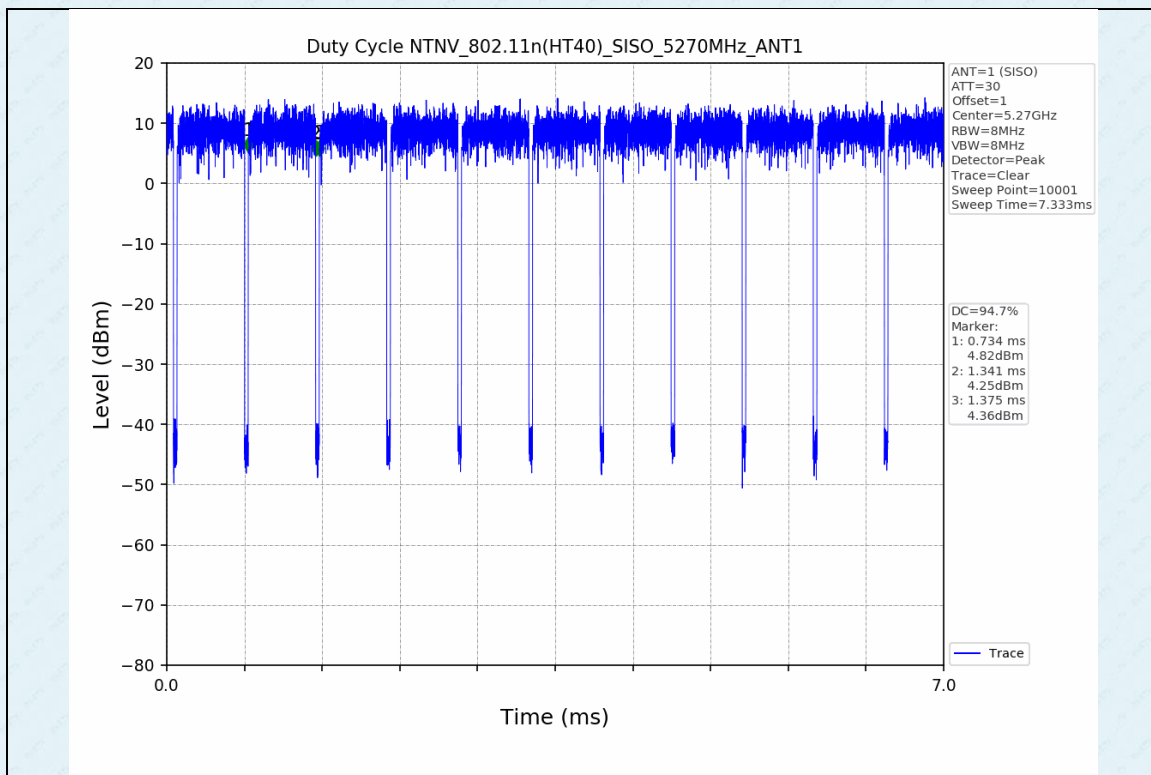
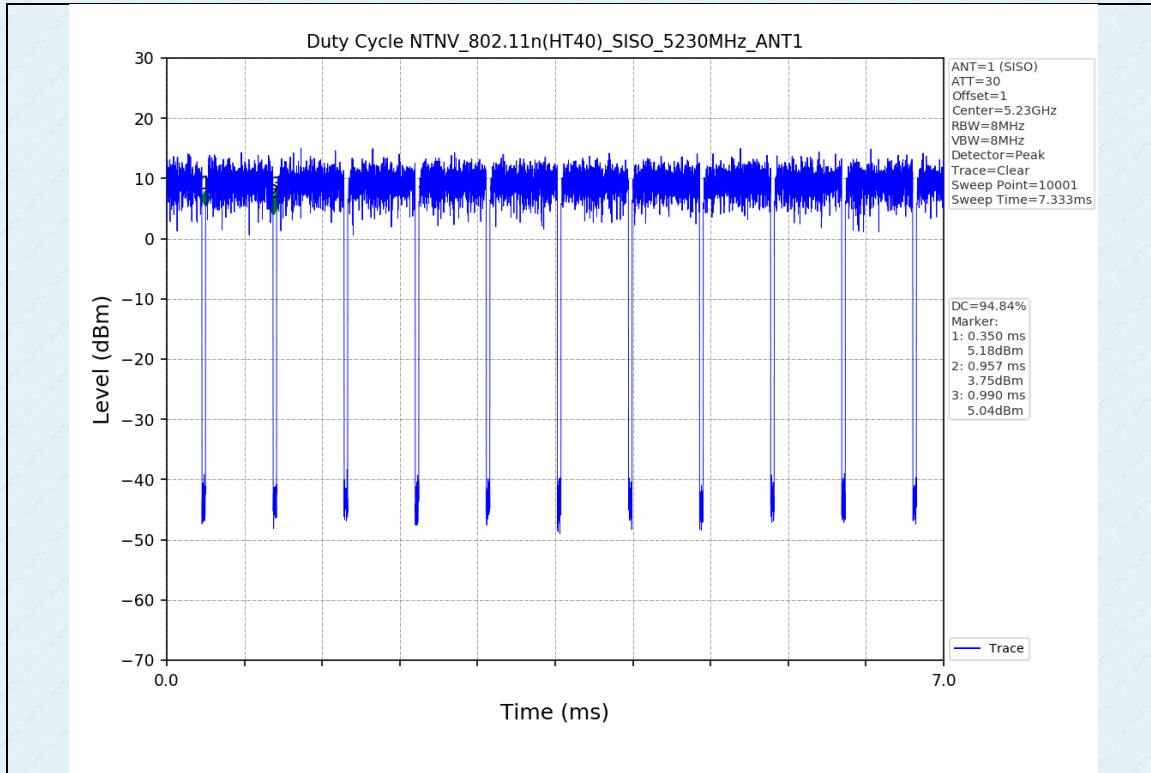


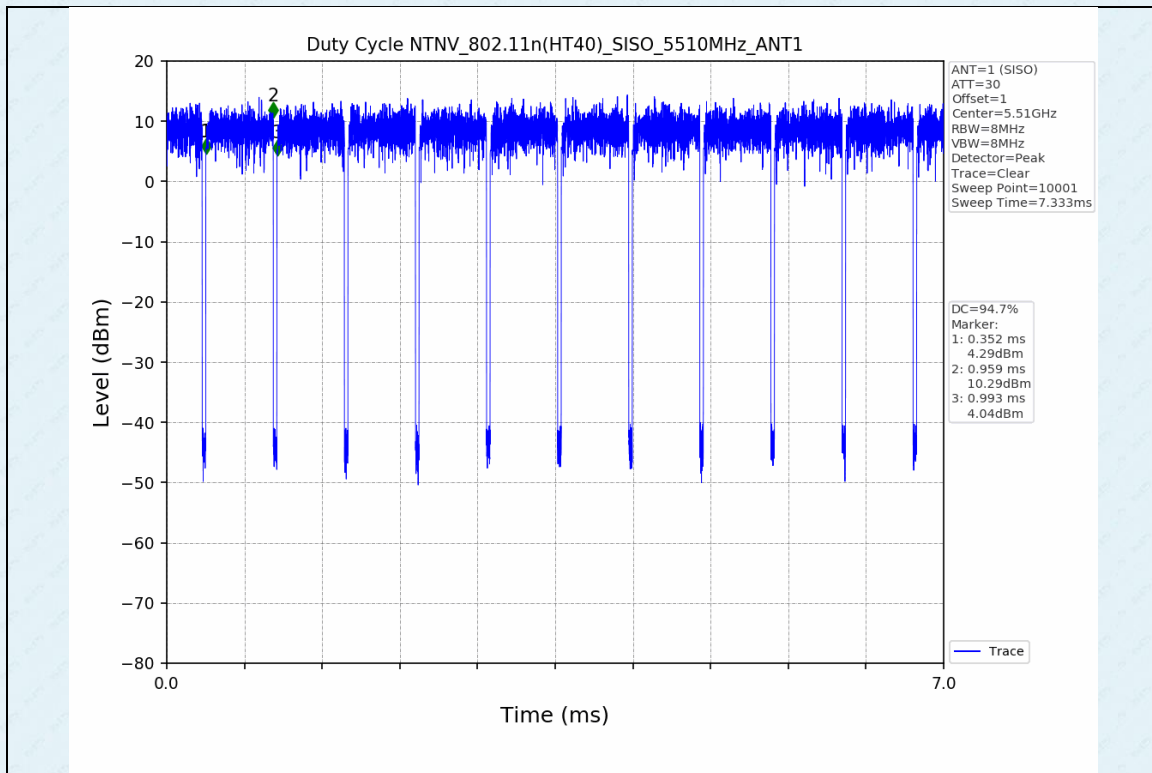
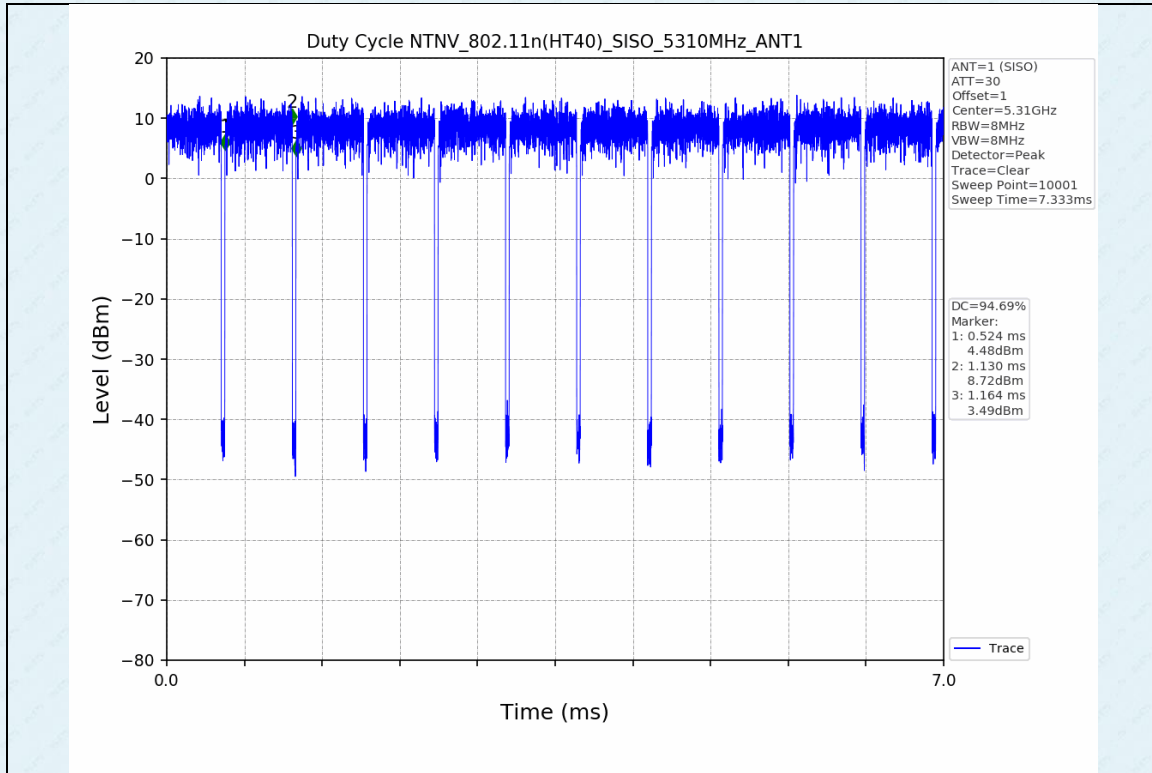


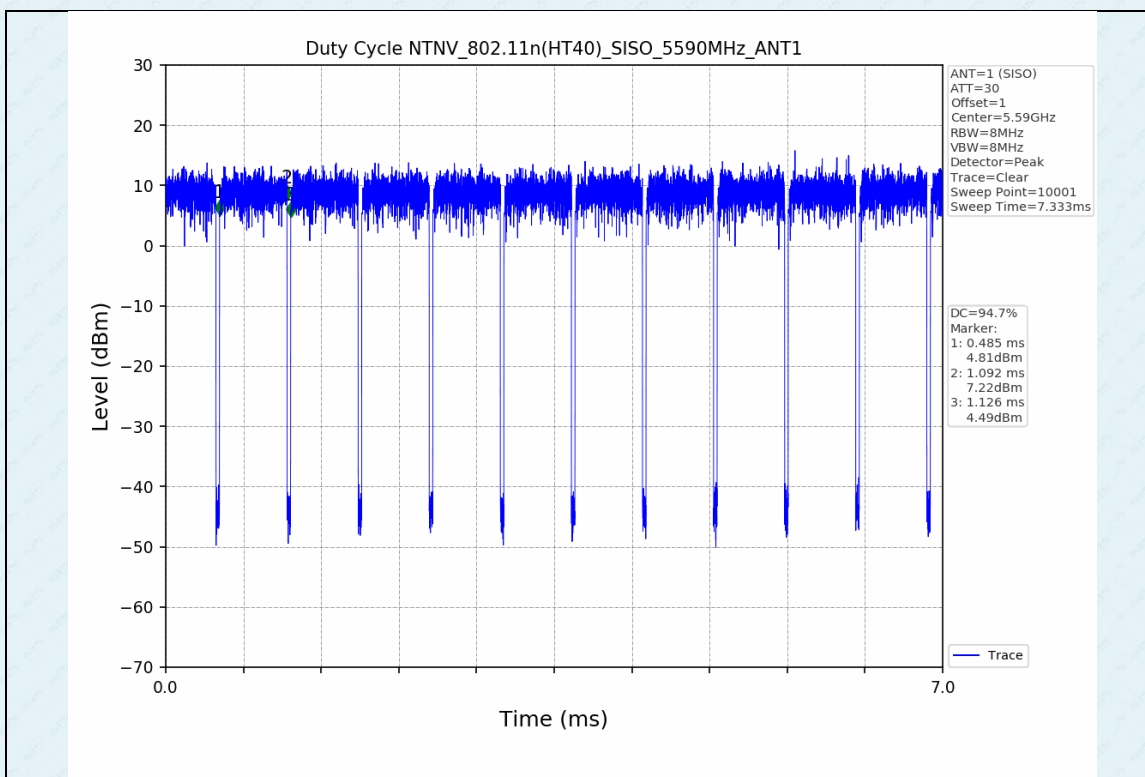
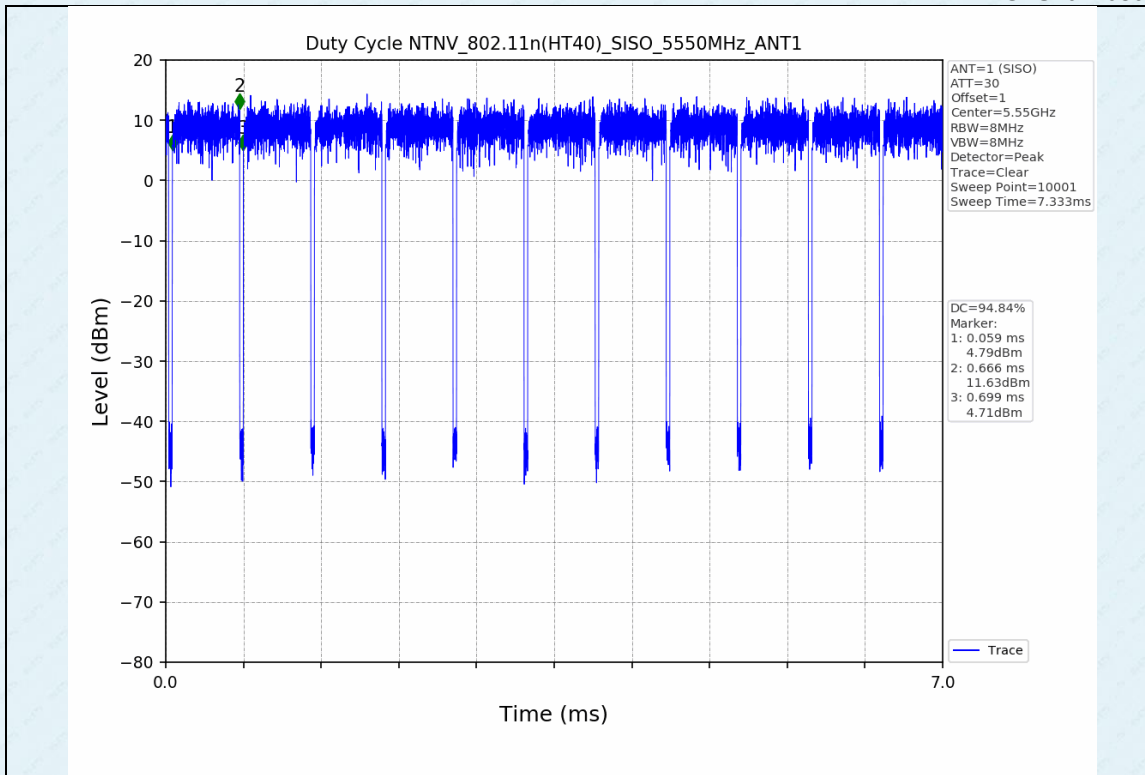


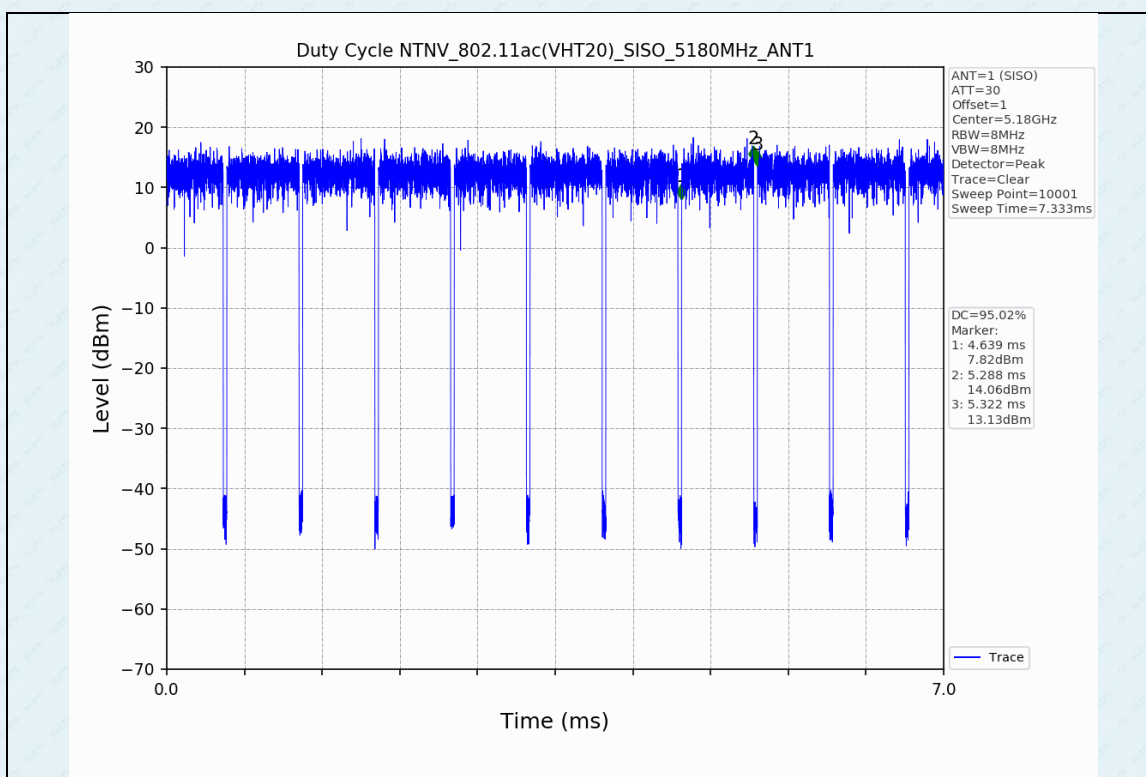
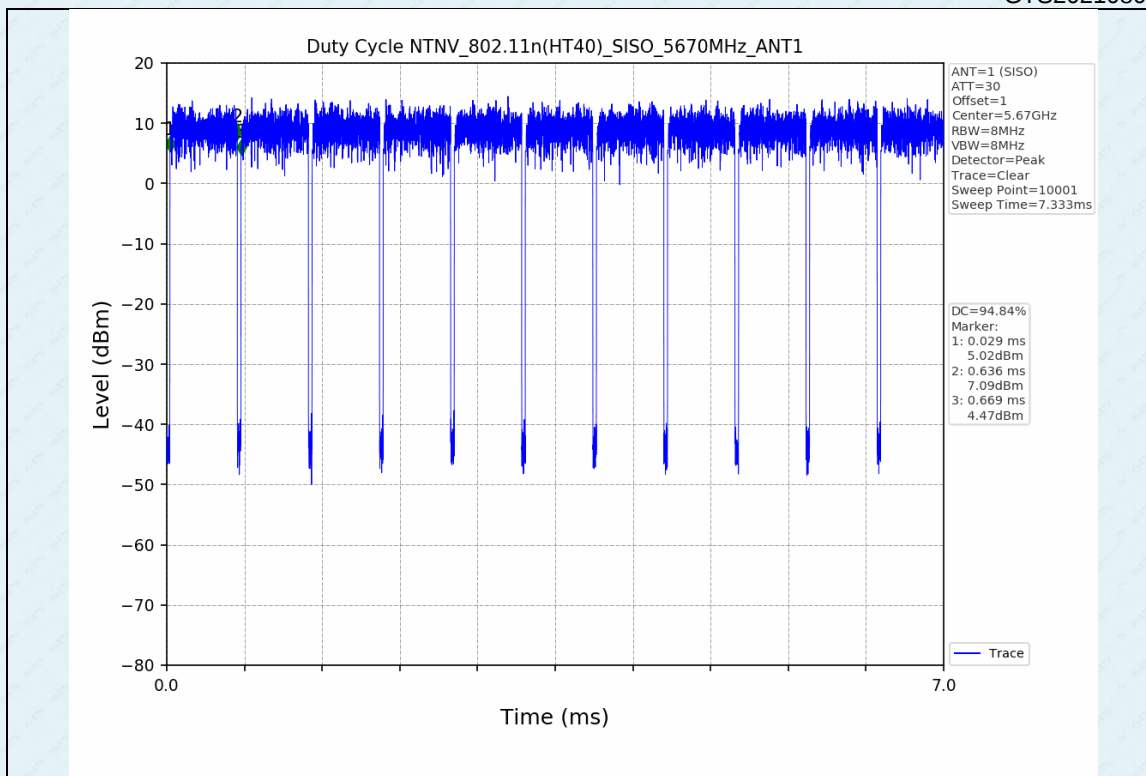


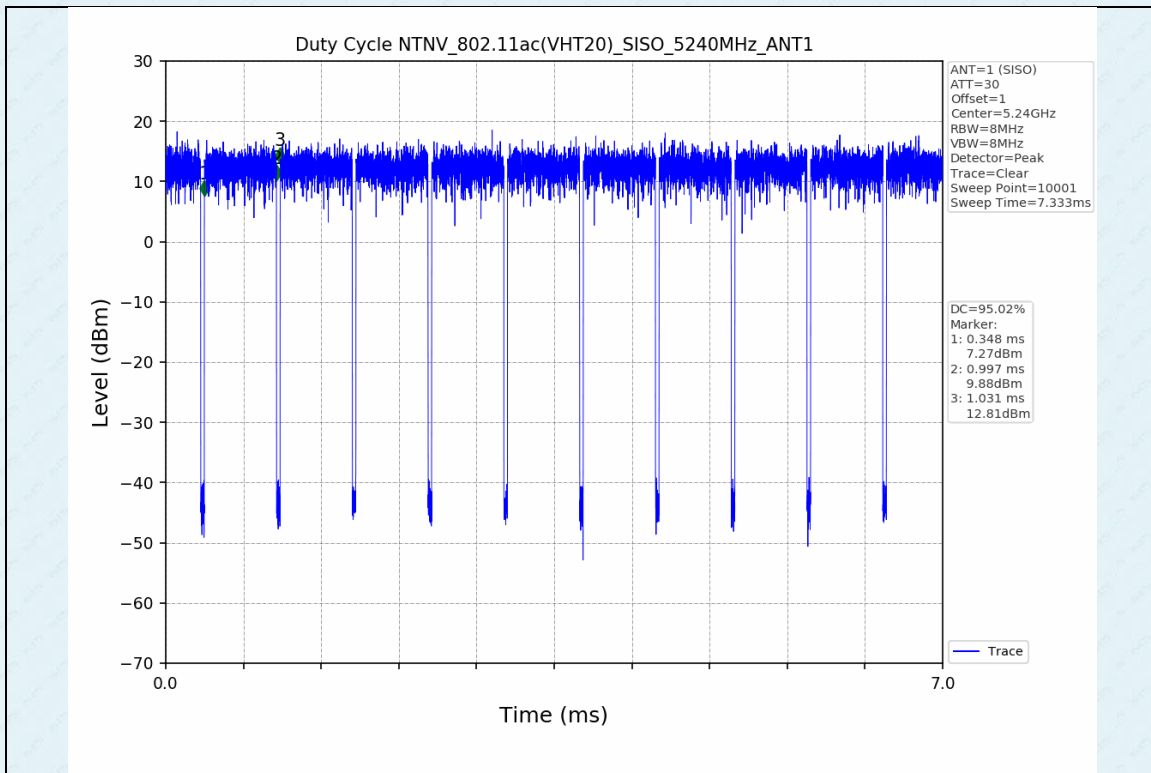
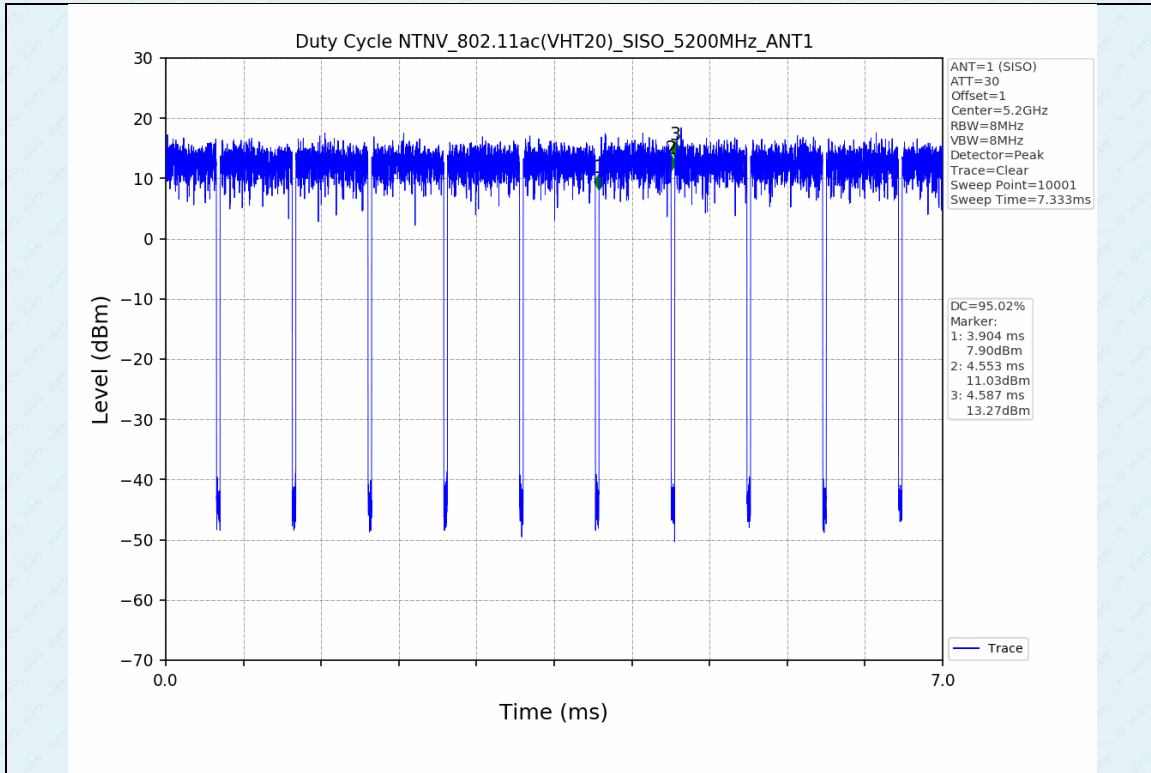


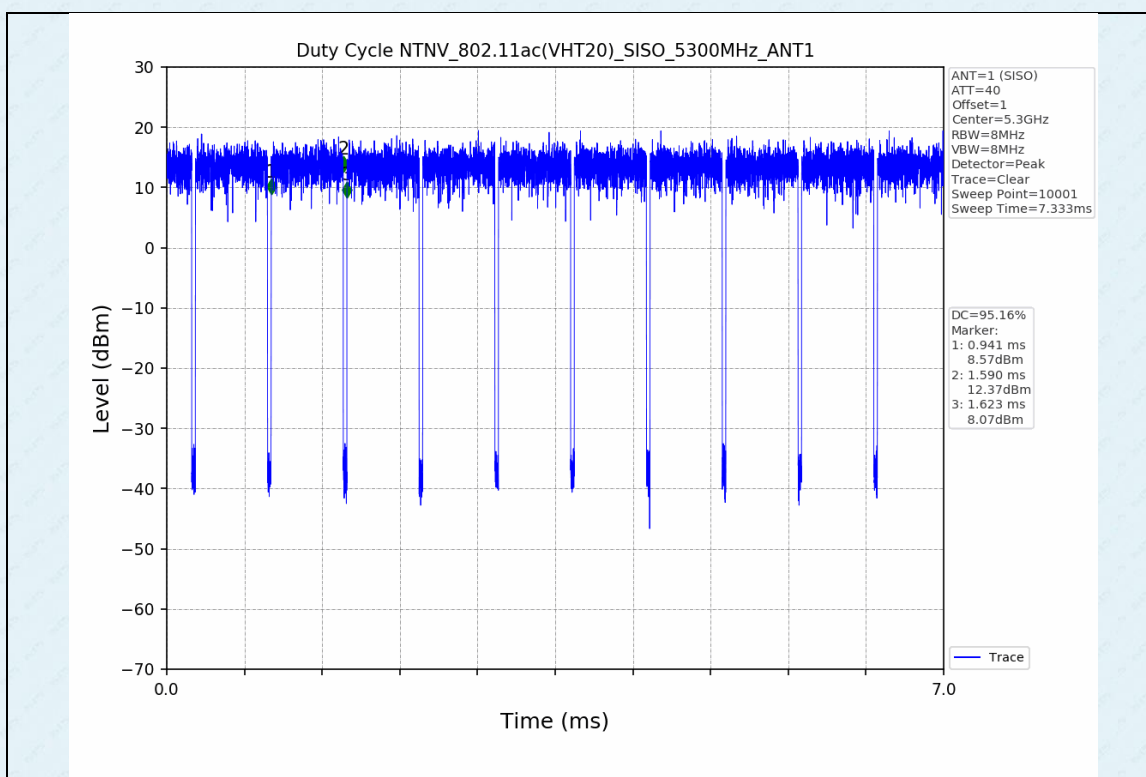
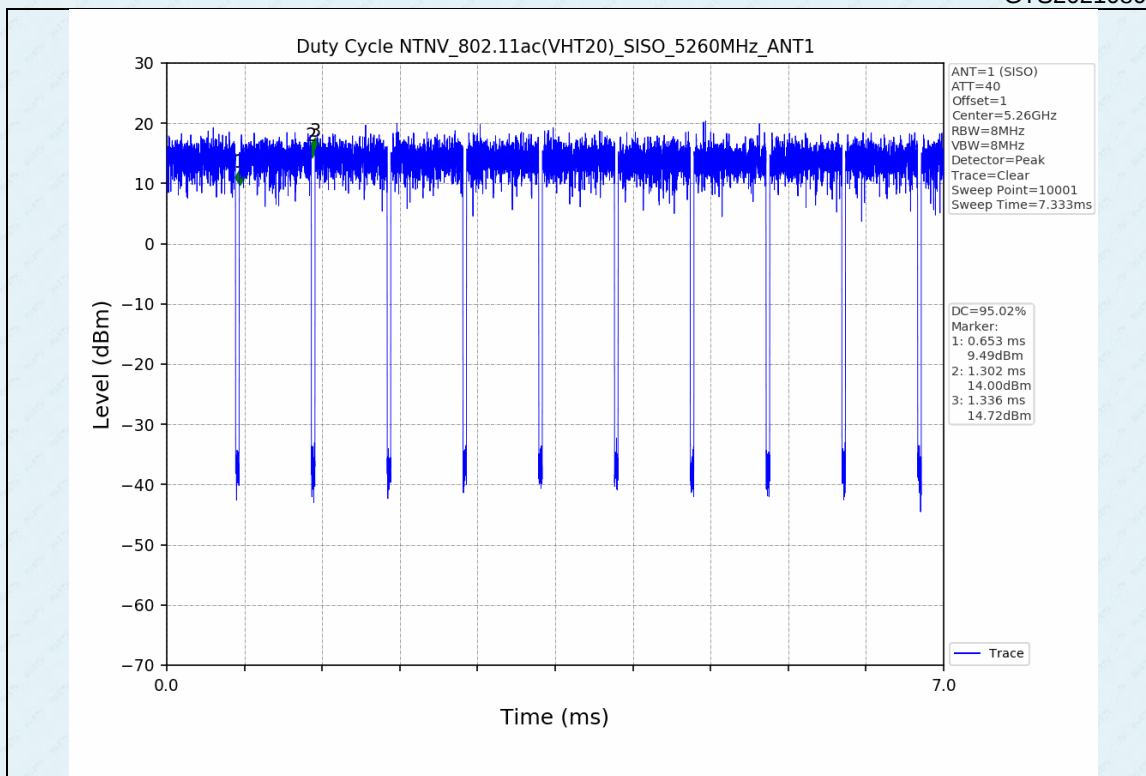


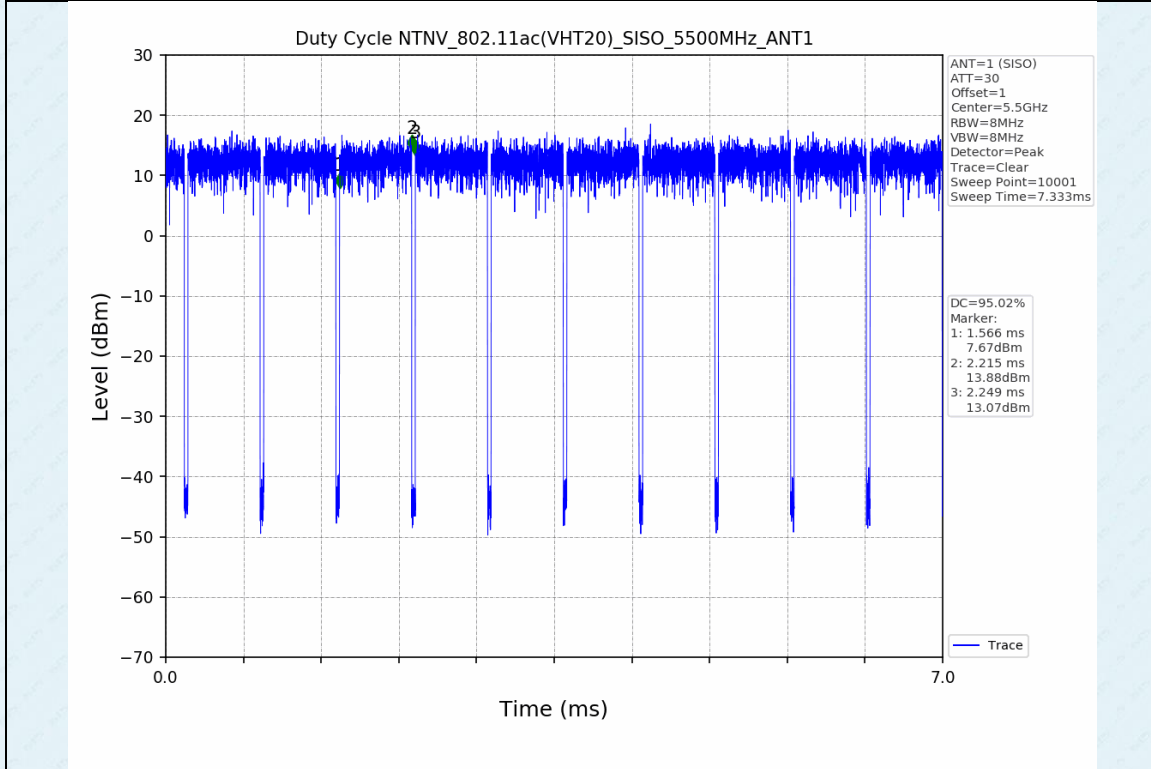
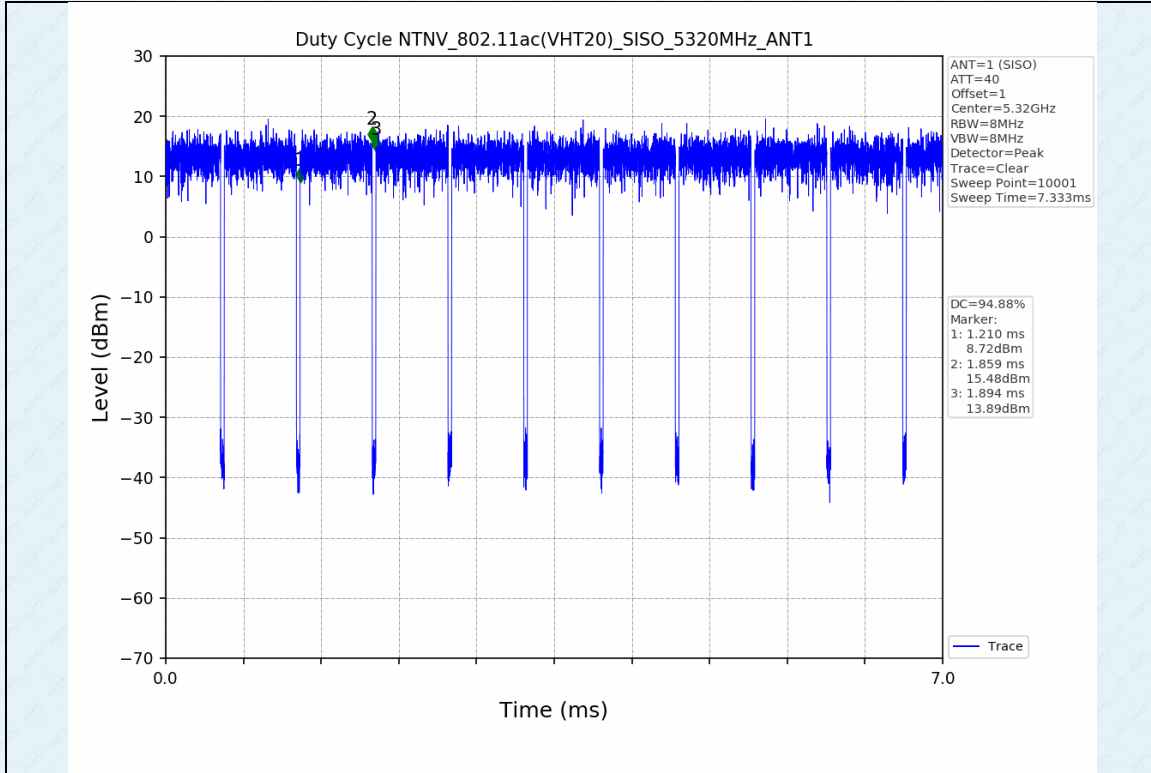


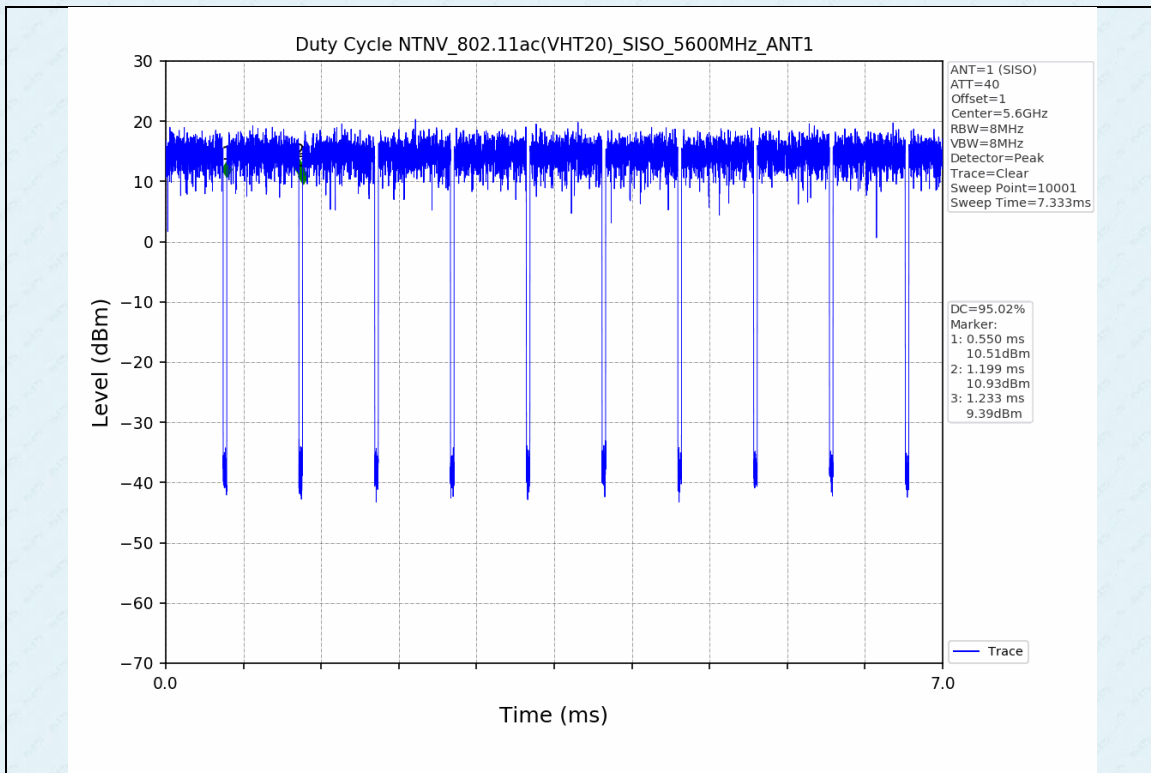
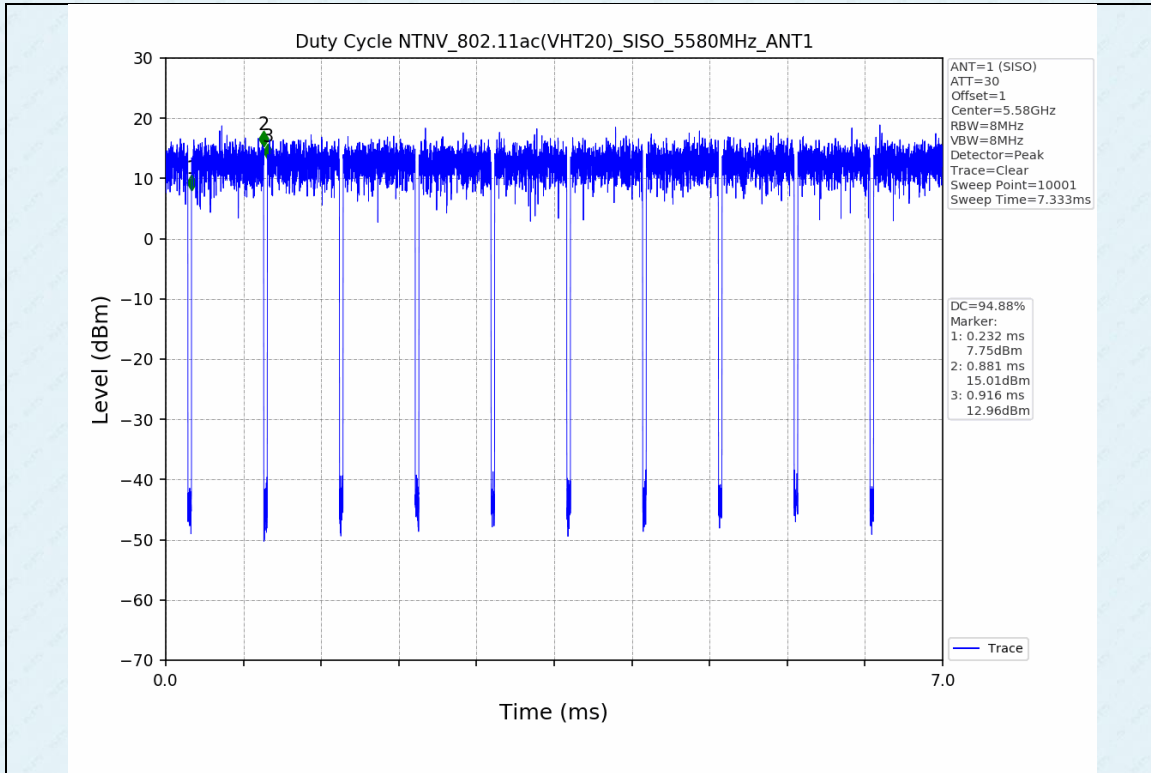


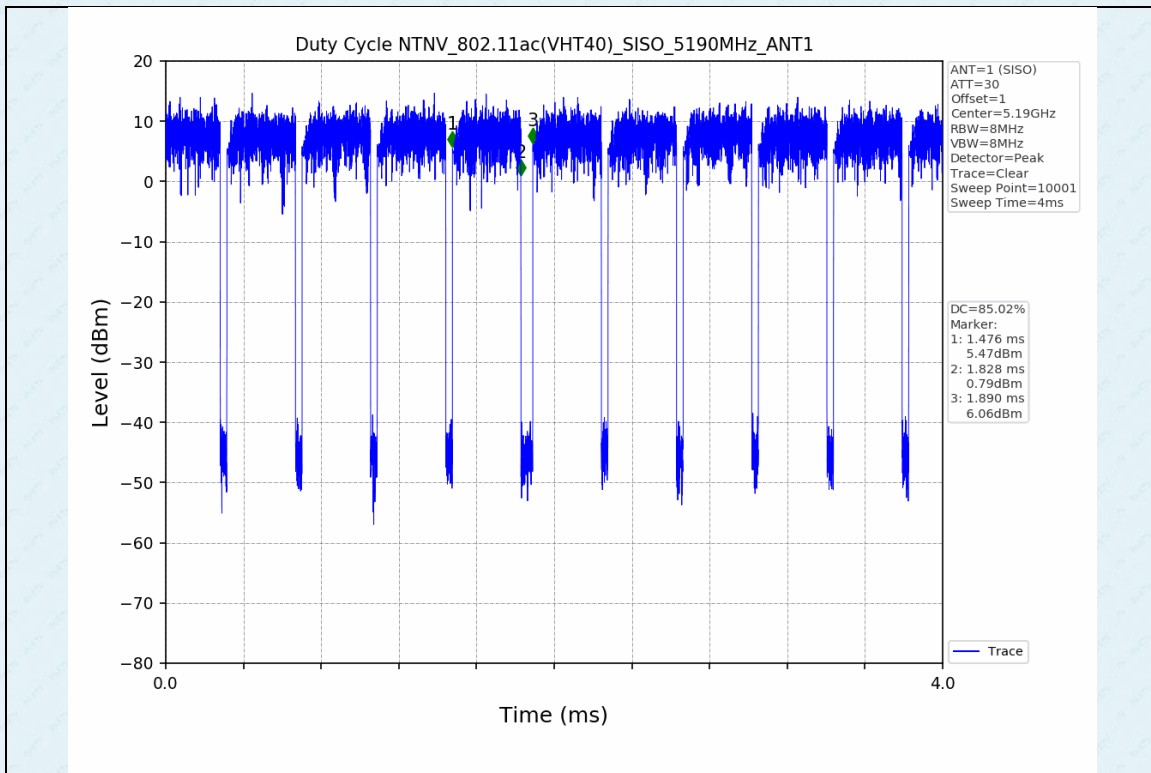
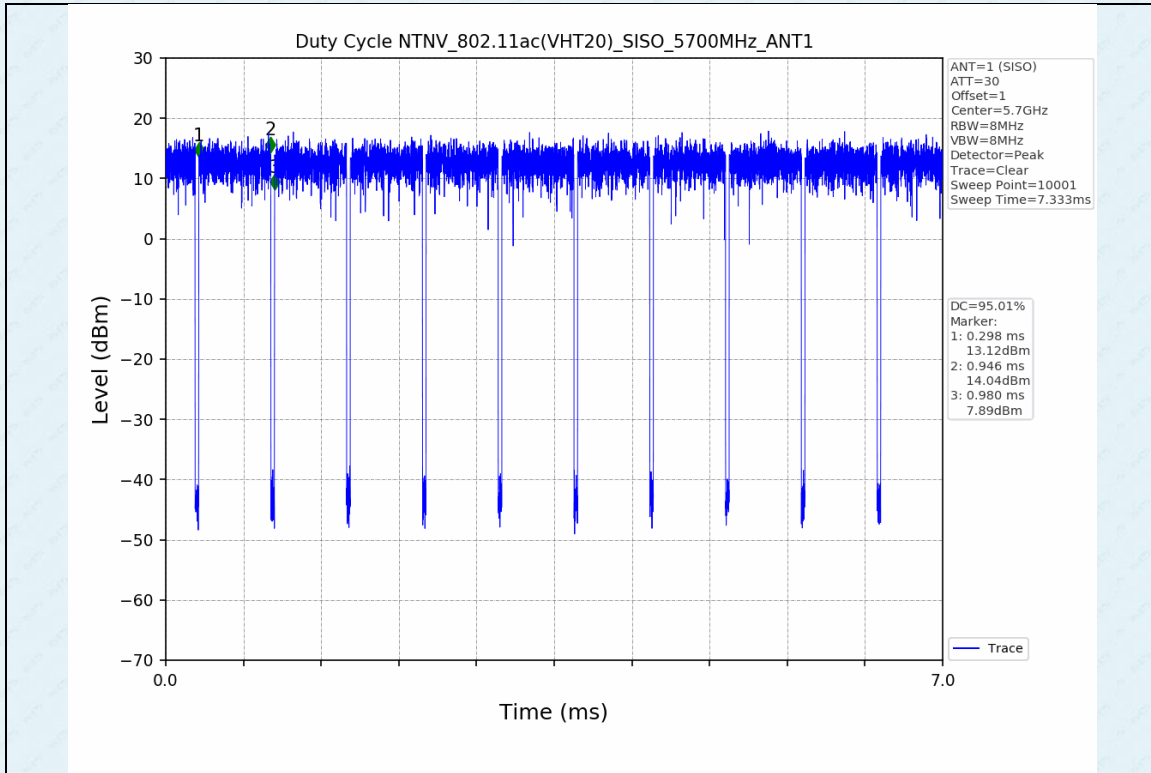


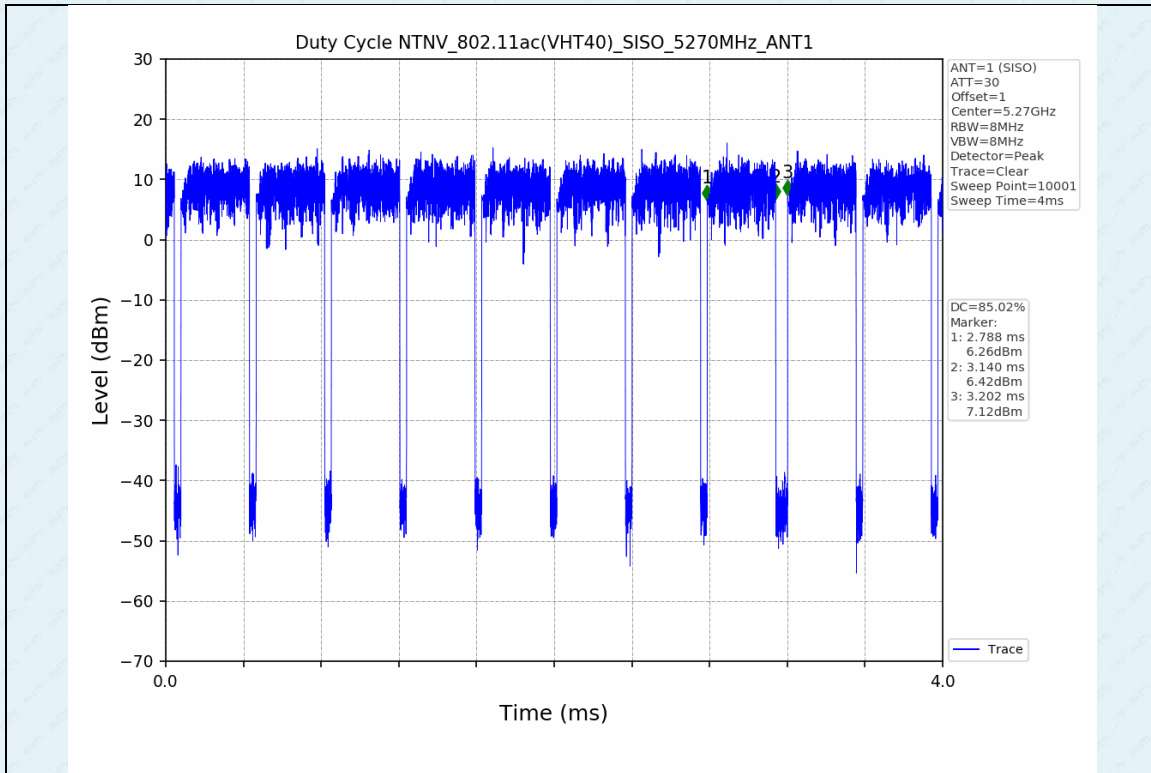
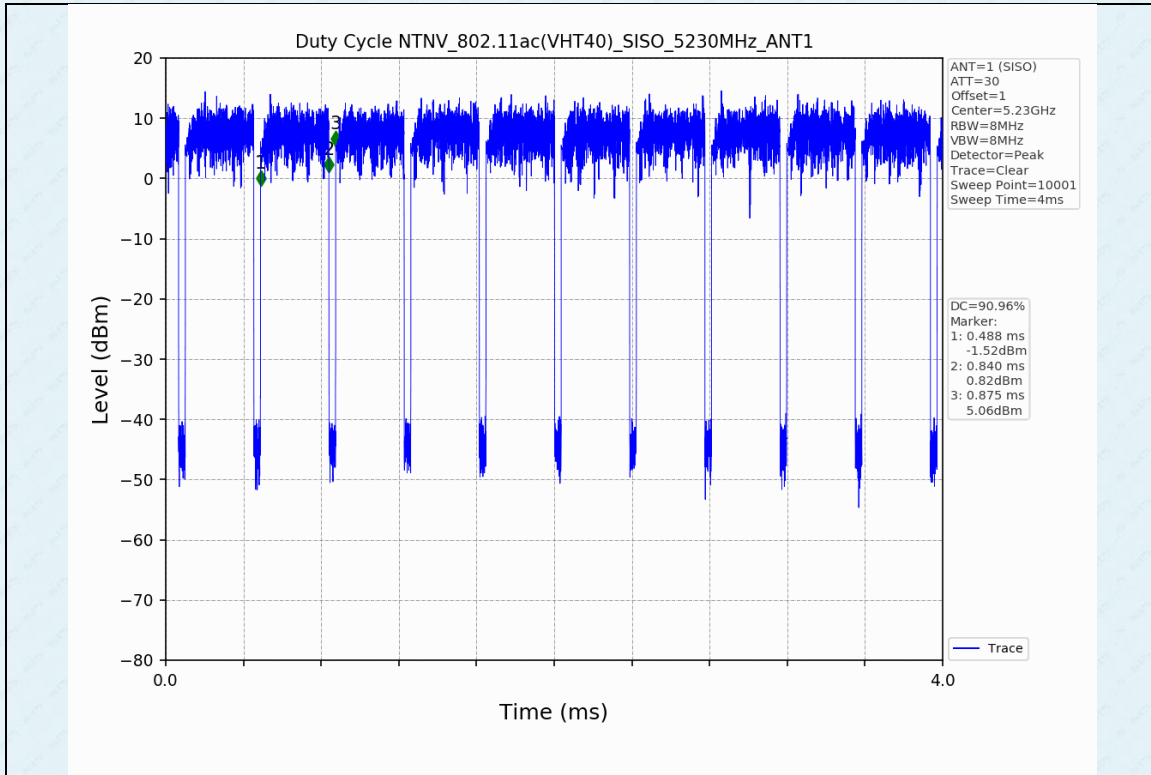


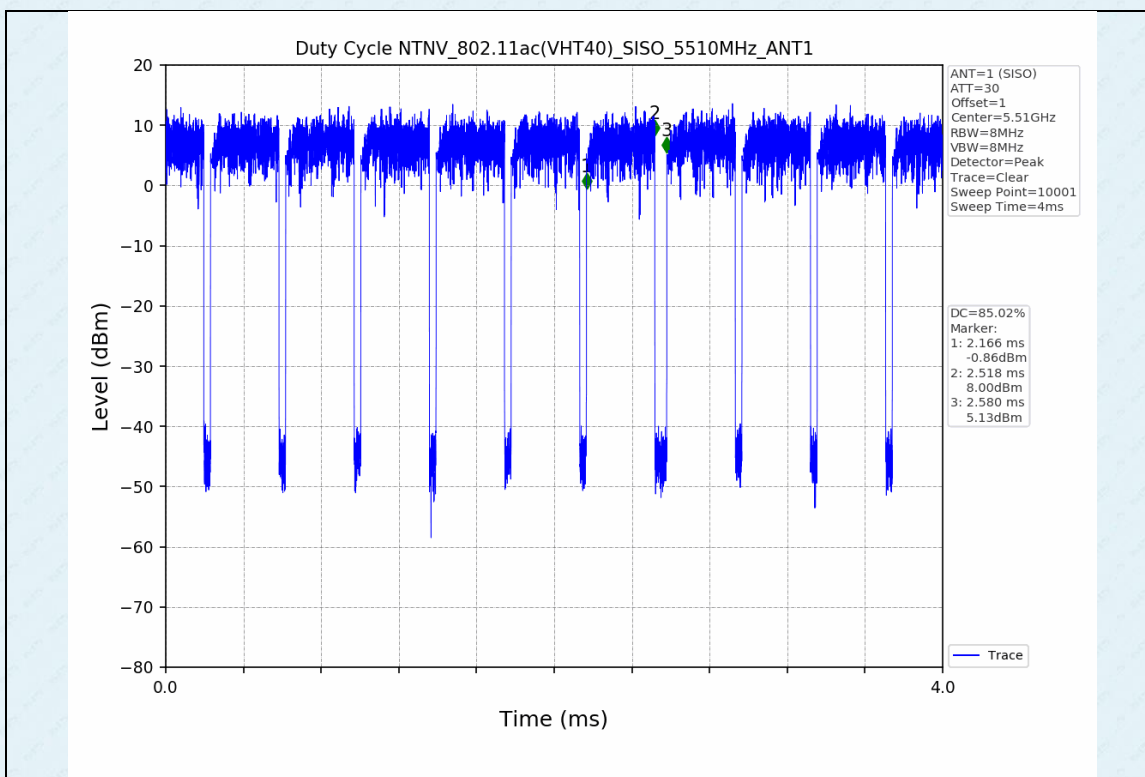
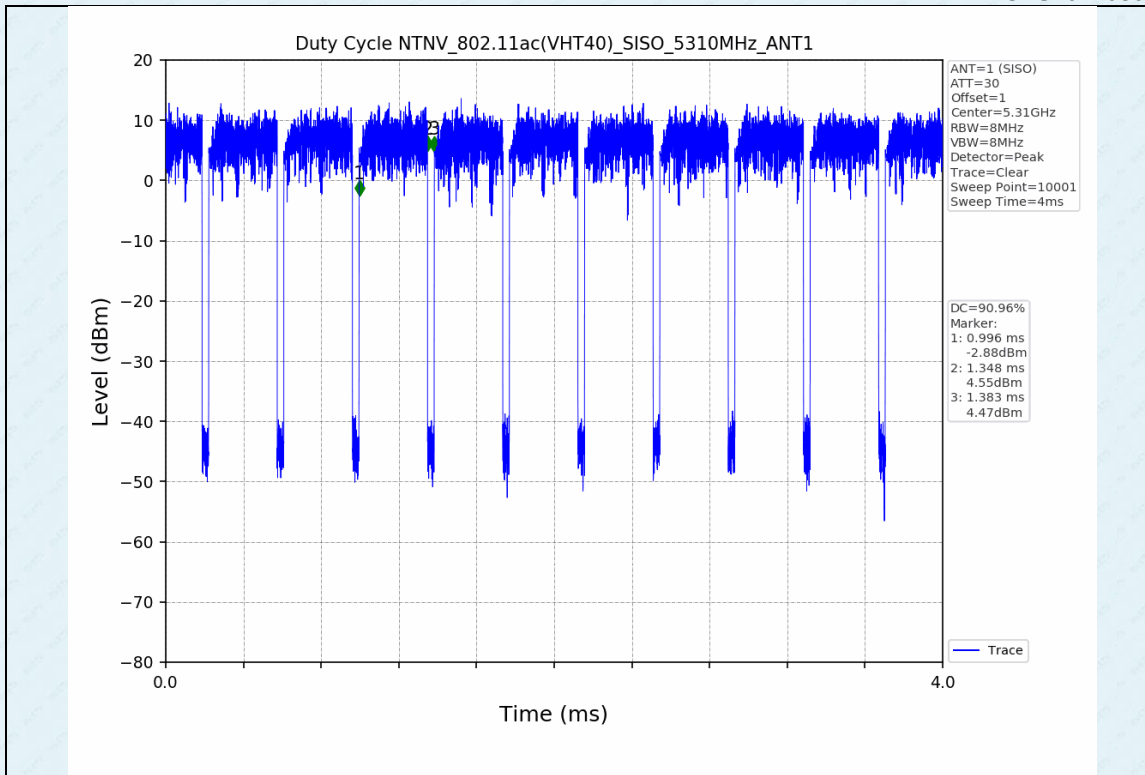


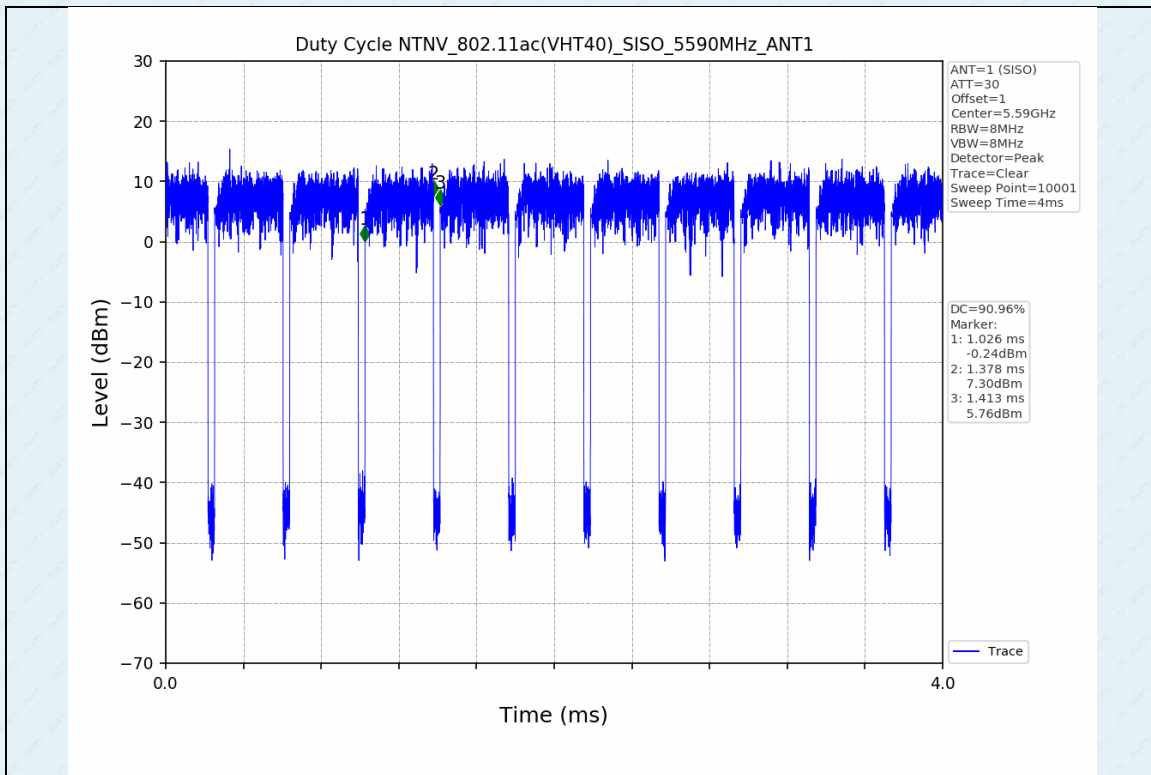
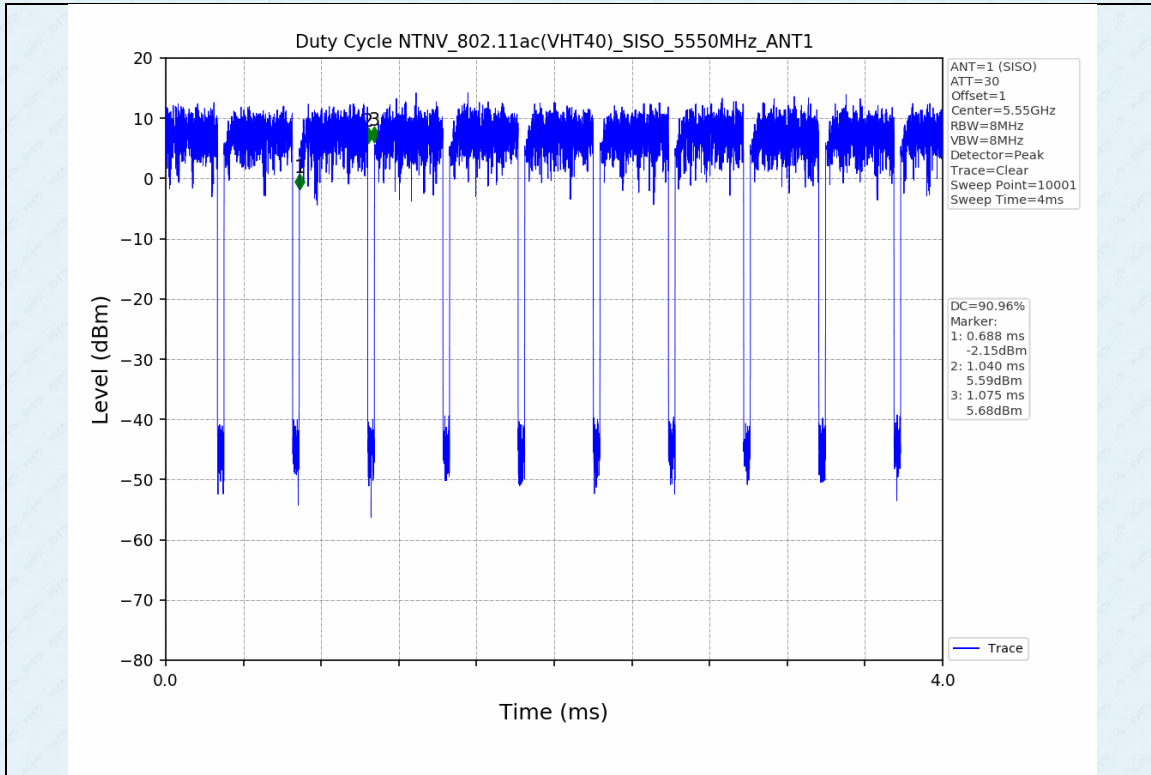


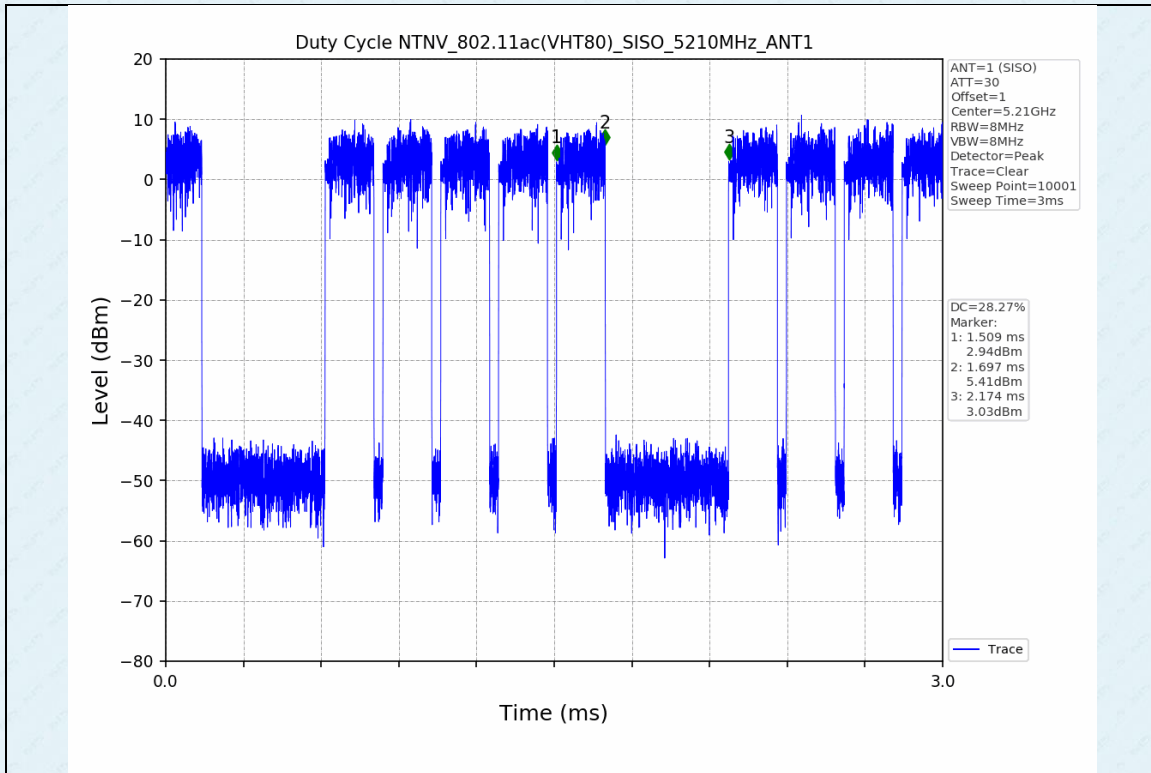
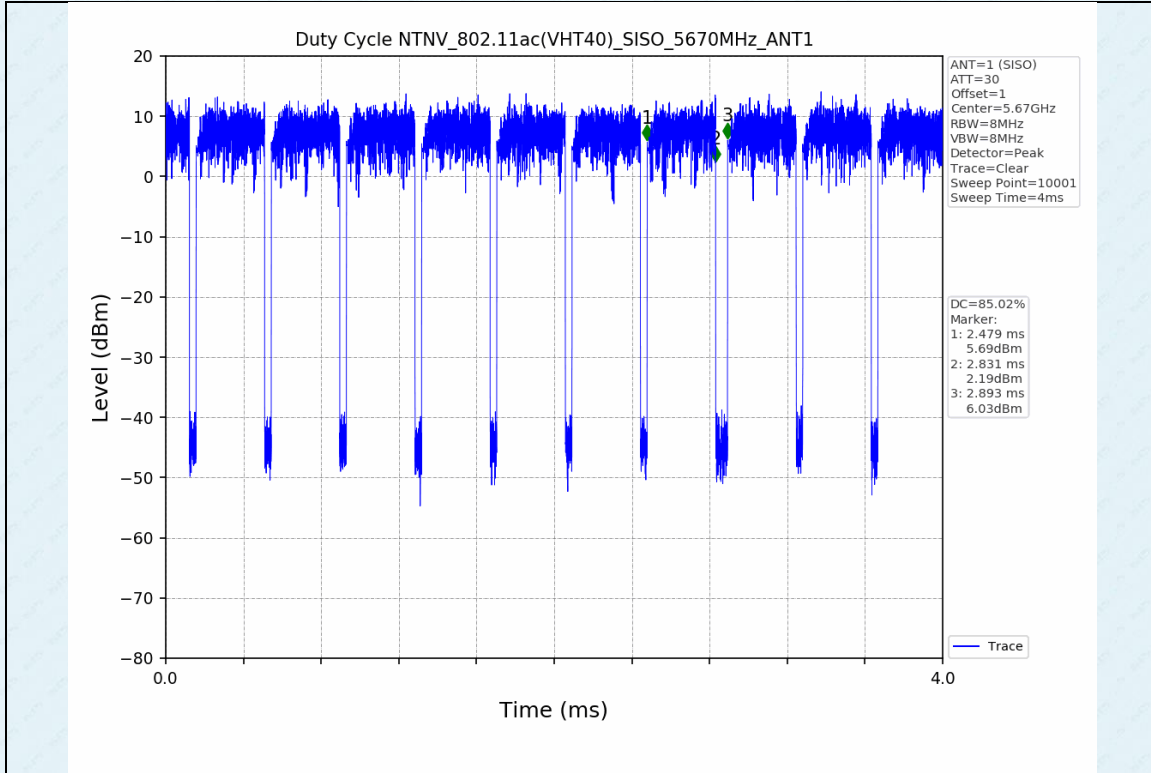


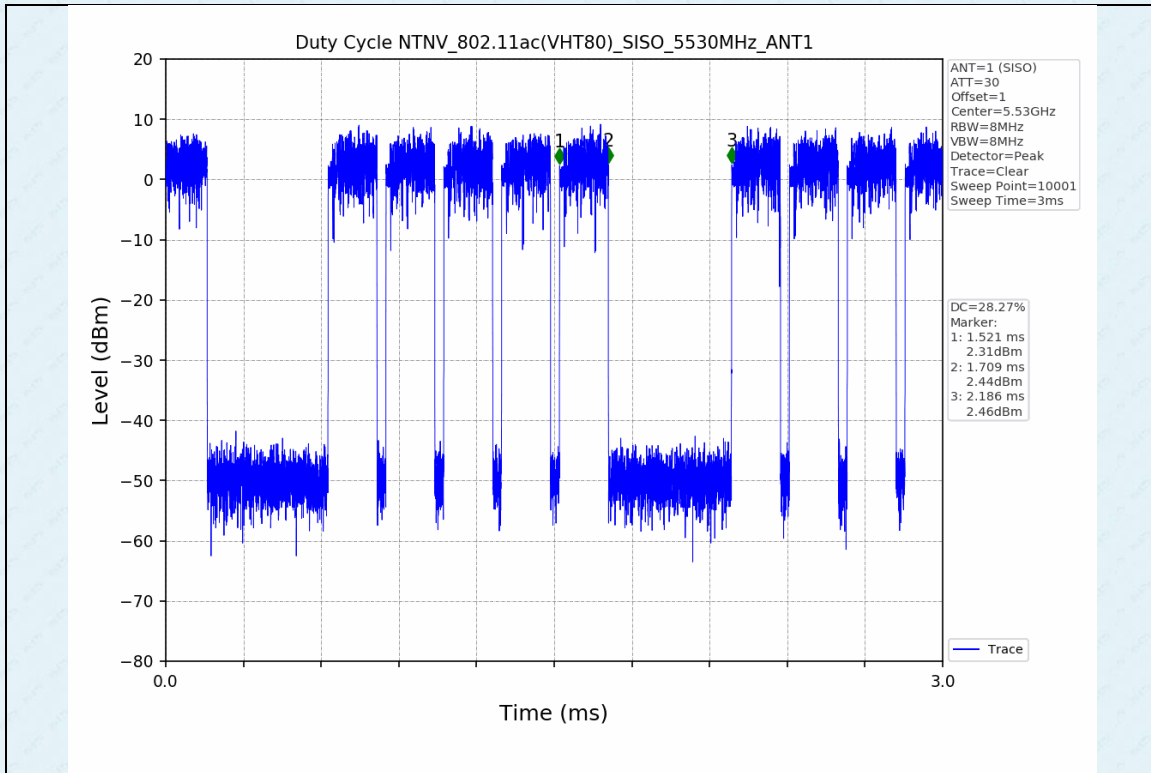
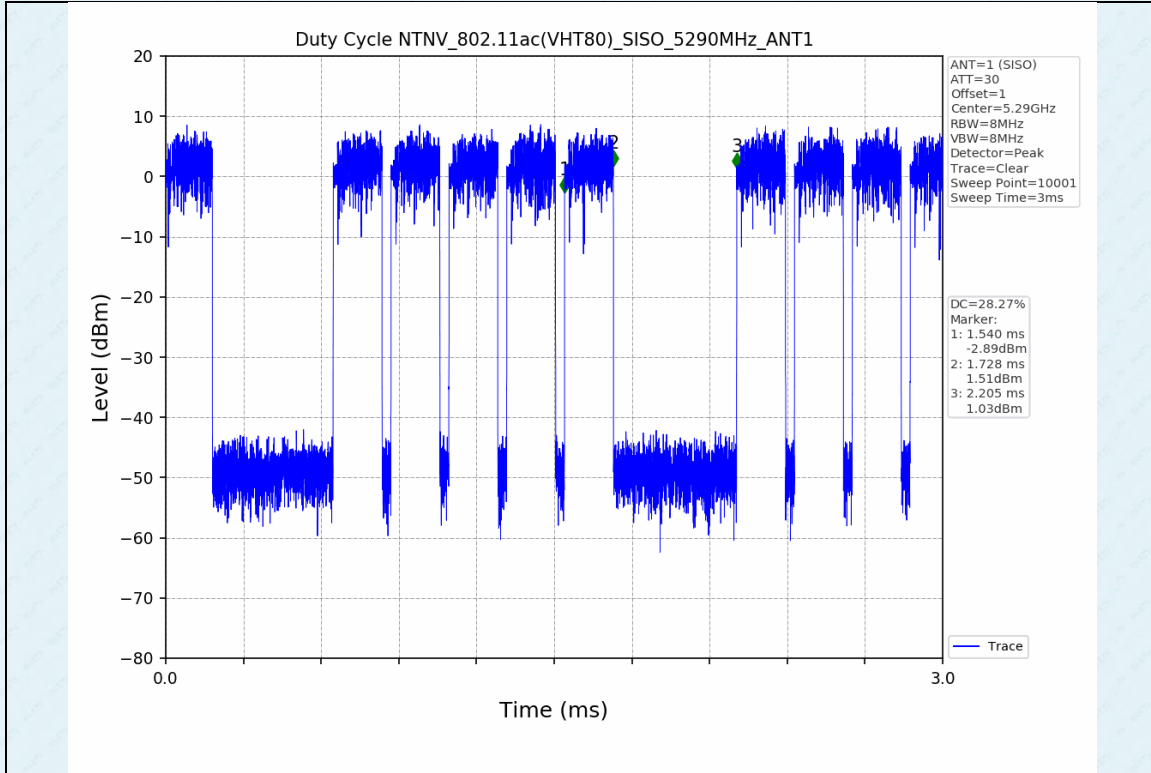


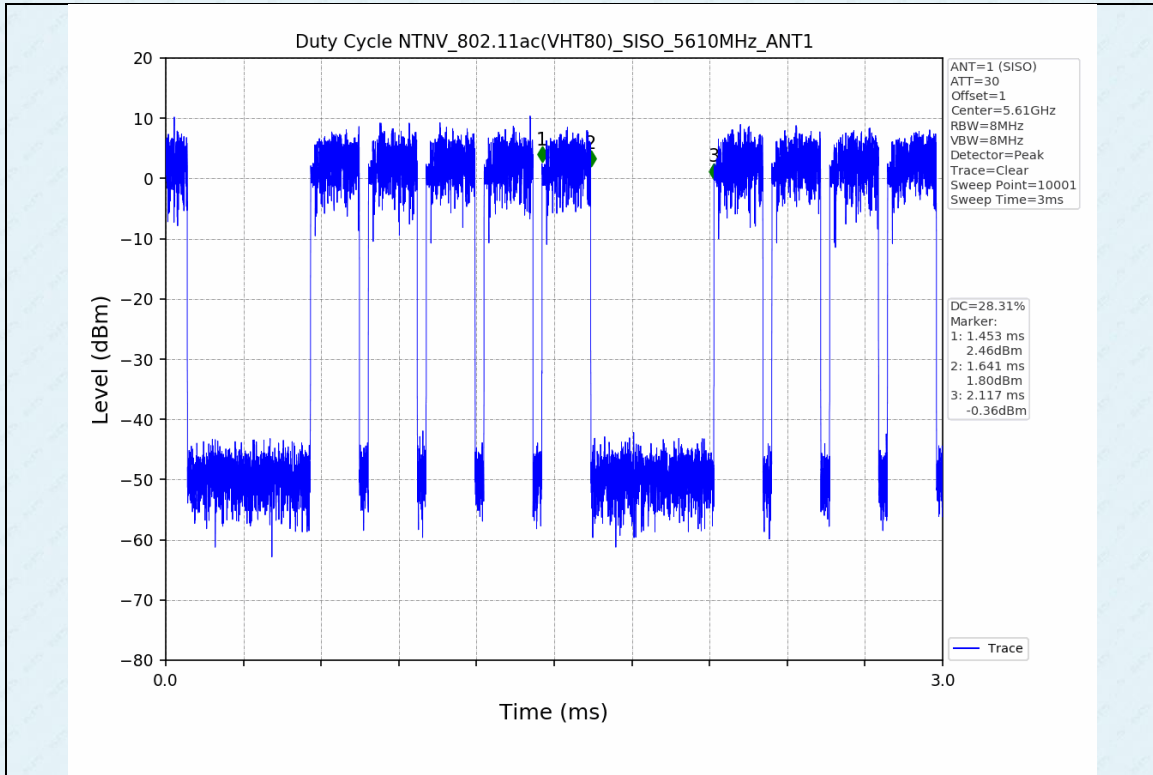












ANT 2:

