

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	1.307	1.369	95.47	0.20
	5200	SISO	1	1.308	1.369	95.54	0.20
	5240	SISO	1	1.307	1.369	95.47	0.20
	5260	SISO	1	1.308	1.369	95.54	0.20
	5300	SISO	1	1.308	1.369	95.54	0.20
	5320	SISO	1	1.308	1.369	95.54	0.20
	5500	SISO	1	1.307	1.369	95.47	0.20
	5580	SISO	1	1.365	1.425	95.79	0.19
	5600	SISO	1	1.365	1.425	95.79	0.19
802.11n(HT20)	5700	SISO	1	1.365	1.424	95.86	0.18
	5180	SISO	1	1.308	1.370	95.47	0.20
	5200	SISO	1	1.308	1.369	95.54	0.20
	5240	SISO	1	1.307	1.369	95.47	0.20
	5260	SISO	1	1.308	1.369	95.54	0.20
	5300	SISO	1	1.308	1.370	95.47	0.20
	5320	SISO	1	1.308	1.369	95.54	0.20
	5500	SISO	1	1.308	1.369	95.54	0.20
	5580	SISO	1	1.308	1.370	95.47	0.20
802.11n(HT40)	5600	SISO	1	1.308	1.369	95.54	0.20
	5700	SISO	1	1.308	1.369	95.54	0.20
	5190	SISO	1	0.618	0.676	91.42	0.39
	5230	SISO	1	0.618	0.675	91.56	0.38
	5270	SISO	1	0.618	0.676	91.42	0.39
	5310	SISO	1	0.619	0.676	91.57	0.38
	5510	SISO	1	0.618	0.675	91.56	0.38
	5550	SISO	1	0.618	0.675	91.56	0.38
802.11ac(VHT20)	5590	SISO	1	0.618	0.675	91.56	0.38
	5670	SISO	1	0.618	0.675	91.56	0.38
	5180	SISO	1	0.683	0.745	91.68	0.38
	5200	SISO	1	0.684	0.745	91.81	0.37
	5240	SISO	1	0.684	0.745	91.81	0.37
	5260	SISO	1	0.684	0.745	91.81	0.37
	5300	SISO	1	0.684	0.745	91.81	0.37
	5320	SISO	1	0.683	0.745	91.68	0.38
	5500	SISO	1	0.684	0.744	91.94	0.36
802.11ac(VHT40)	5580	SISO	1	0.684	0.746	91.69	0.38
	5600	SISO	1	0.683	0.745	91.68	0.38
	5700	SISO	1	0.684	0.745	91.81	0.37
	5190	SISO	1	0.352	0.412	85.44	0.68
	5230	SISO	1	0.352	0.412	85.44	0.68
	5270	SISO	1	0.352	0.412	85.44	0.68
	5310	SISO	1	0.352	0.413	85.23	0.69
	5510	SISO	1	0.352	0.413	85.23	0.69
802.11ac(VHT40)	5550	SISO	1	0.352	0.412	85.44	0.68
	5590	SISO	1	0.352	0.412	85.44	0.68
	5670	SISO	1	0.352	0.412	85.44	0.68
	5670	SISO	1	0.352	0.412	85.44	0.68

802.11ac(VHT80)	5210	SISO	1	0.188	0.248	75.81	1.20
	5290	SISO	1	0.188	0.247	76.11	1.19
	5530	SISO	1	0.188	0.247	76.11	1.19
	5610	SISO	1	0.188	0.248	75.81	1.20

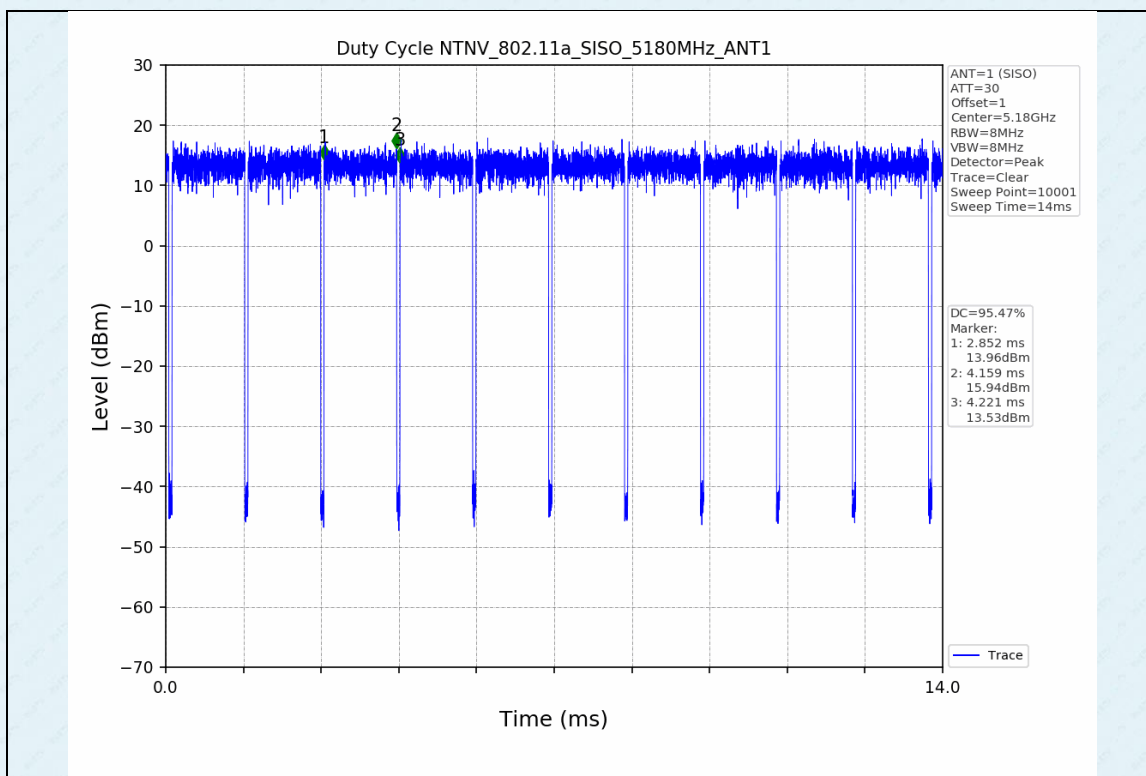
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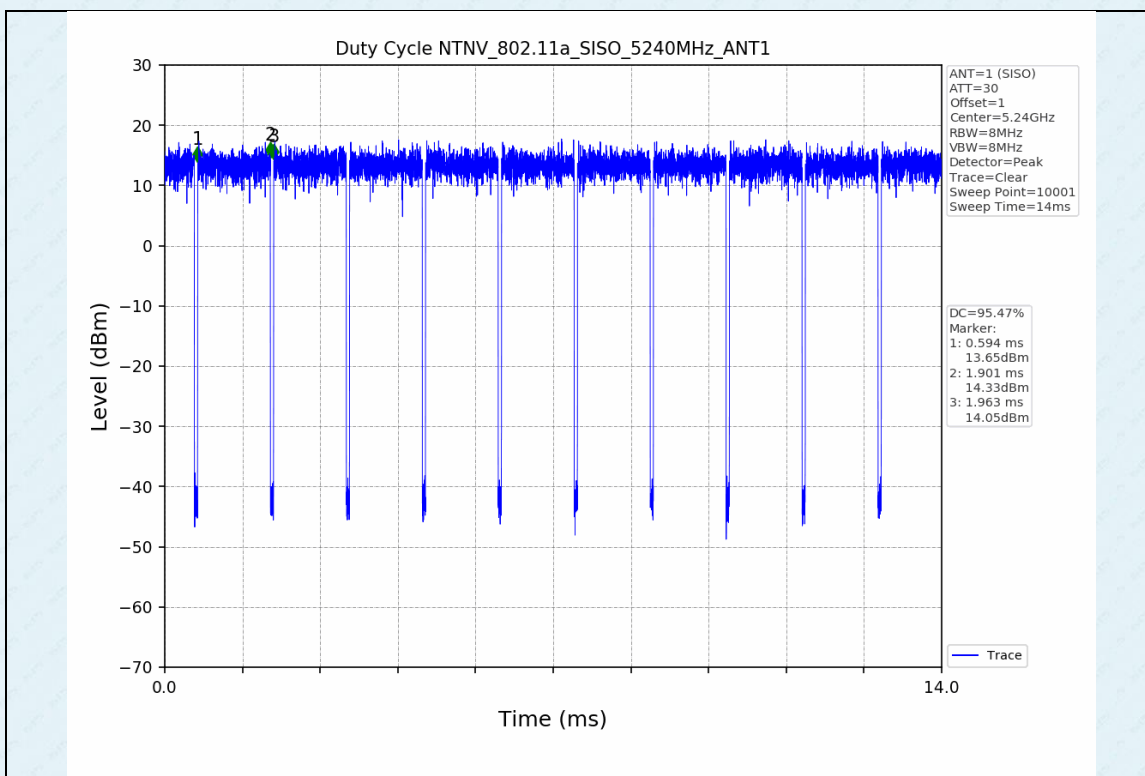
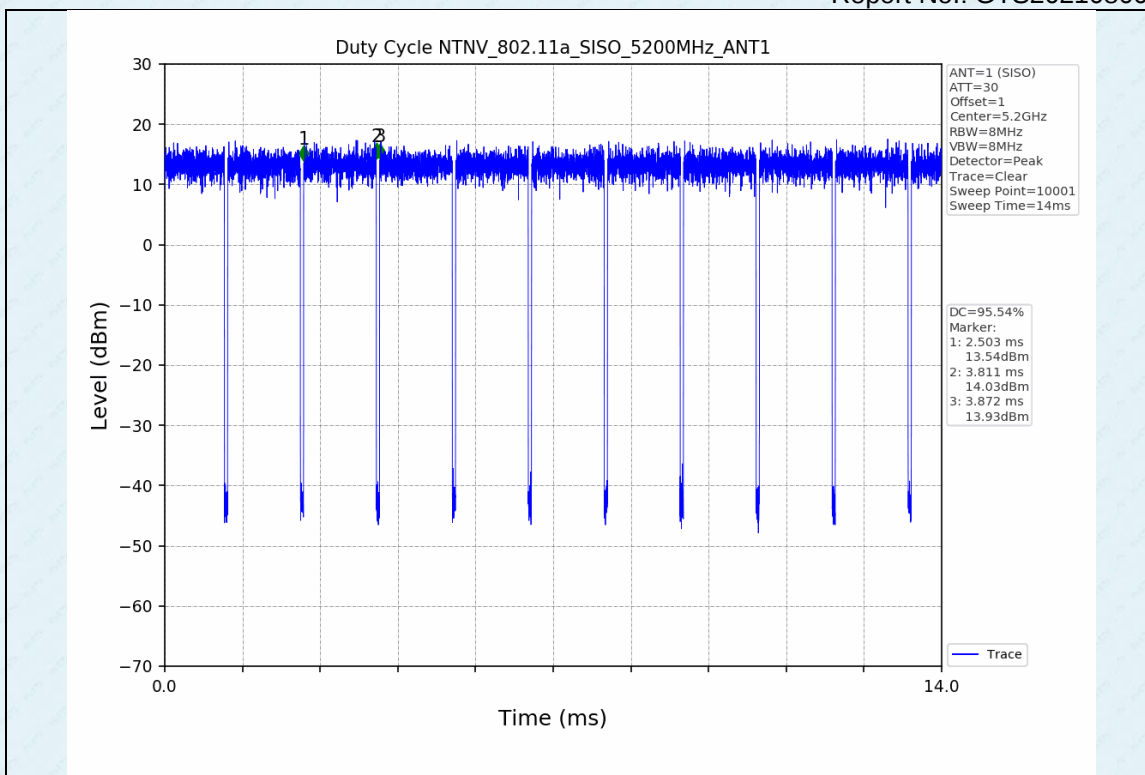
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.365	1.425	95.79	0.19
	5200	SISO	1	1.366	1.426	95.79	0.19
	5240	SISO	1	1.365	1.425	95.79	0.19
	5260	SISO	1	1.365	1.425	95.79	0.19
	5300	SISO	1	1.365	1.425	95.79	0.19
	5320	SISO	1	1.364	1.424	95.79	0.19
	5500	SISO	1	1.366	1.426	95.79	0.19
	5580	SISO	1	1.365	1.425	95.79	0.19
	5600	SISO	1	1.364	1.425	95.72	0.19
	5700	SISO	1	1.365	1.425	95.79	0.19
	5745	SISO	1	1.365	1.425	95.79	0.19
	5785	SISO	1	1.365	1.425	95.79	0.19
802.11n(HT20)	5825	SISO	1	0.016	0.266	6.02	12.20
	5180	SISO	1	1.308	1.369	95.54	0.20
	5200	SISO	1	1.307	1.369	95.47	0.20
	5240	SISO	1	1.308	1.370	95.47	0.20
	5260	SISO	1	1.307	1.369	95.47	0.20
	5300	SISO	1	1.308	1.369	95.54	0.20
	5320	SISO	1	1.308	1.369	95.54	0.20
	5500	SISO	1	1.308	1.369	95.54	0.20
	5580	SISO	1	1.308	1.370	95.47	0.20
	5600	SISO	1	1.308	1.370	95.47	0.20
802.11n(HT40)	5700	SISO	1	1.308	1.369	95.54	0.20
	5190	SISO	1	0.618	0.675	91.56	0.38
	5230	SISO	1	0.618	0.676	91.42	0.39
	5270	SISO	1	0.618	0.676	91.42	0.39
	5310	SISO	1	0.618	0.676	91.42	0.39
	5510	SISO	1	0.618	0.677	91.29	0.40
	5550	SISO	1	0.618	0.675	91.56	0.38
	5590	SISO	1	0.618	0.675	91.56	0.38
802.11ac(VHT20)	5670	SISO	1	0.618	0.676	91.42	0.39
	5180	SISO	1	0.684	0.746	91.69	0.38
	5200	SISO	1	0.684	0.744	91.94	0.36
	5240	SISO	1	0.684	0.745	91.81	0.37
	5260	SISO	1	0.684	0.745	91.81	0.37
	5300	SISO	1	0.684	0.745	91.81	0.37
	5320	SISO	1	0.683	0.745	91.68	0.38
	5500	SISO	1	0.684	0.745	91.81	0.37
	5580	SISO	1	0.683	0.745	91.68	0.38
	5600	SISO	1	0.684	0.745	91.81	0.37
802.11ac(VHT40)	5700	SISO	1	0.684	0.745	91.81	0.37
	5190	SISO	1	0.352	0.412	85.44	0.68
	5230	SISO	1	0.352	0.412	85.44	0.68
	5270	SISO	1	0.352	0.412	85.44	0.68
	5310	SISO	1	0.351	0.412	85.19	0.70
	5510	SISO	1	0.352	0.412	85.44	0.68

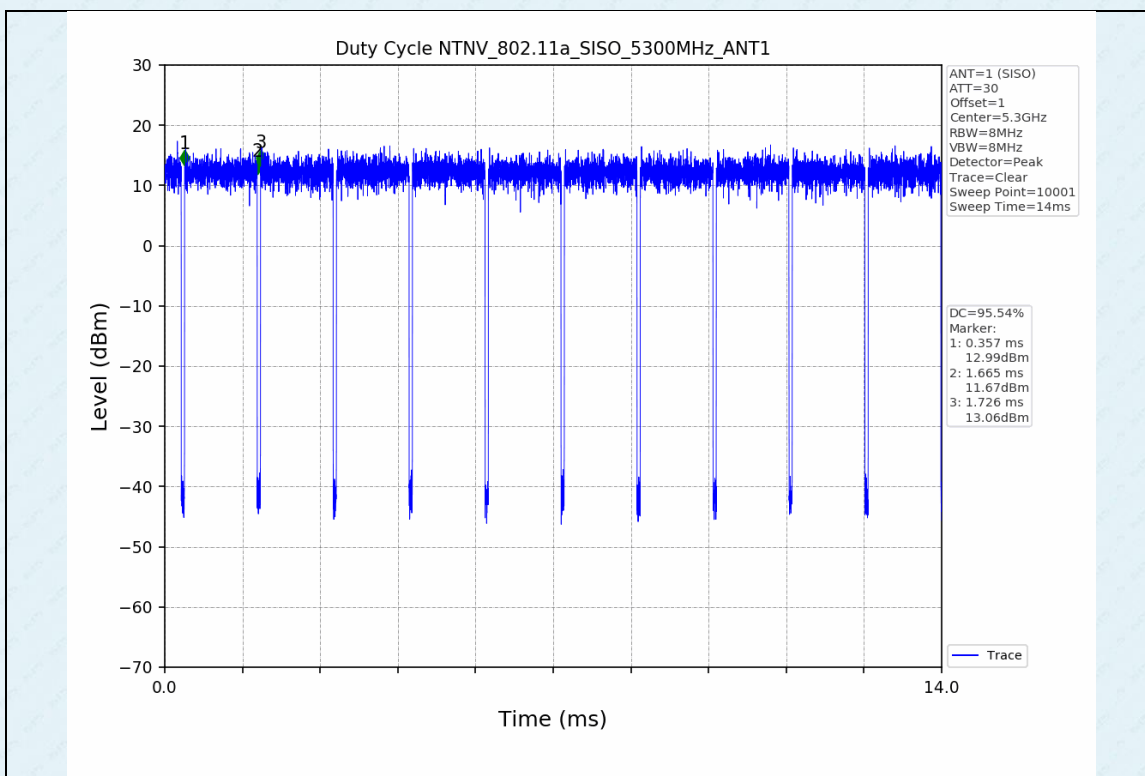
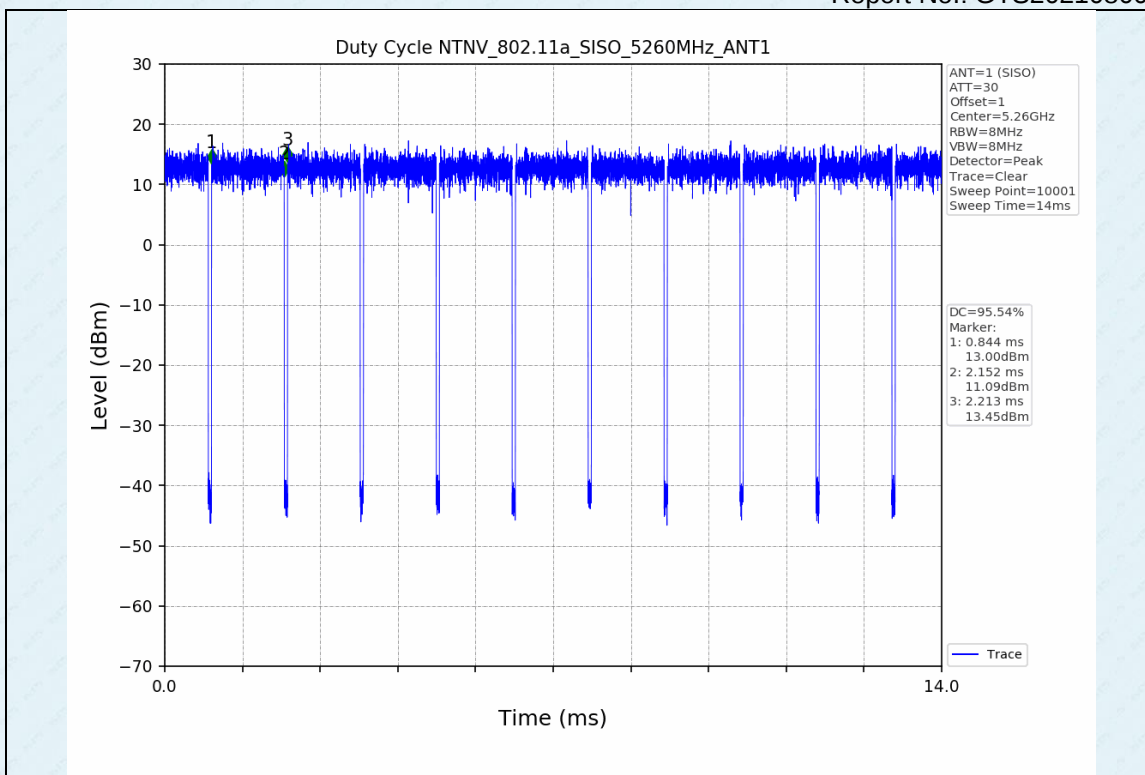
802.11ac(VHT80)	5550	SISO	1	0.352	0.412	85.44	0.68
	5590	SISO	1	0.352	0.413	85.23	0.69
	5670	SISO	1	0.352	0.412	85.44	0.68
	5210	SISO	1	0.188	0.247	76.11	1.19
802.11ac(VHT80)	5290	SISO	1	0.188	0.248	75.81	1.20
	5530	SISO	1	0.189	0.247	76.52	1.16
	5610	SISO	1	0.189	0.247	76.52	1.16

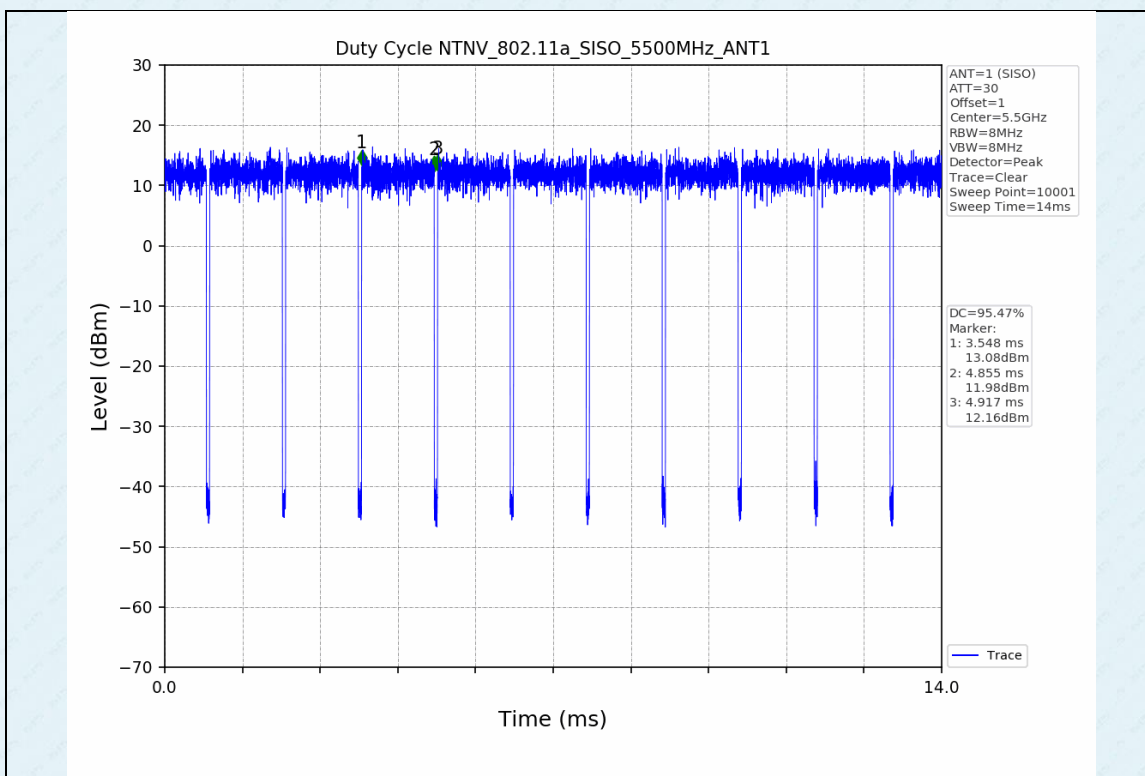
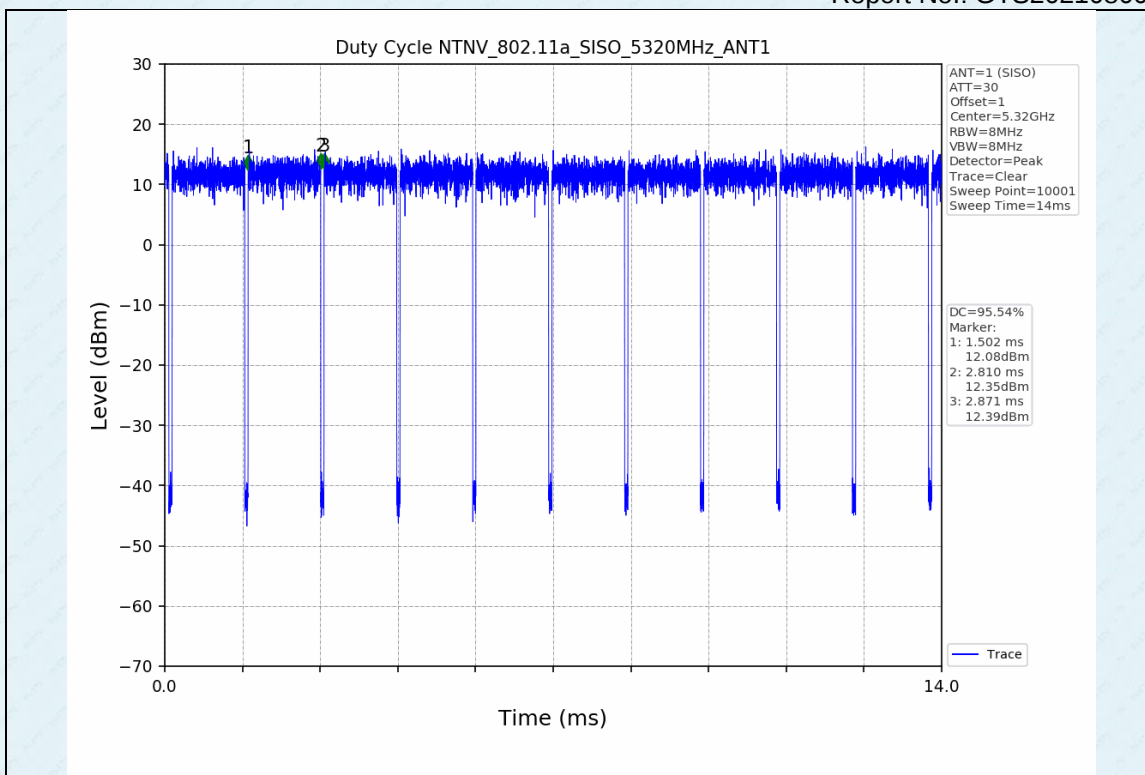
1.2 Test Graph

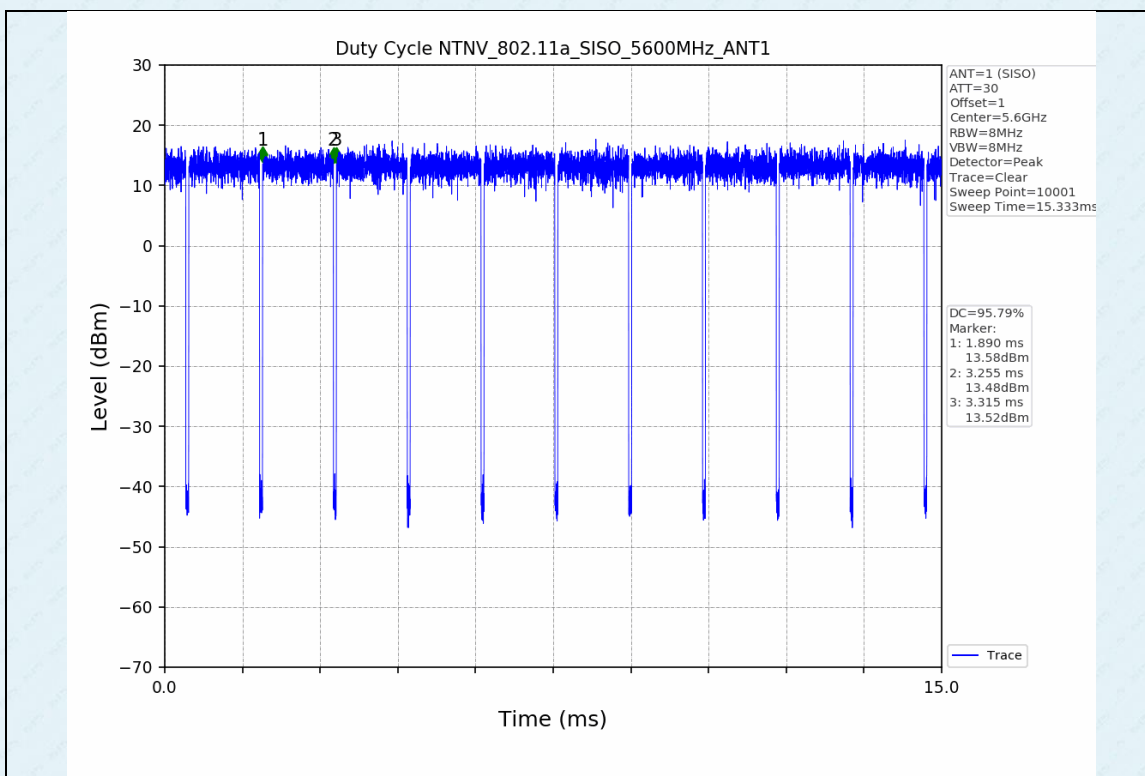
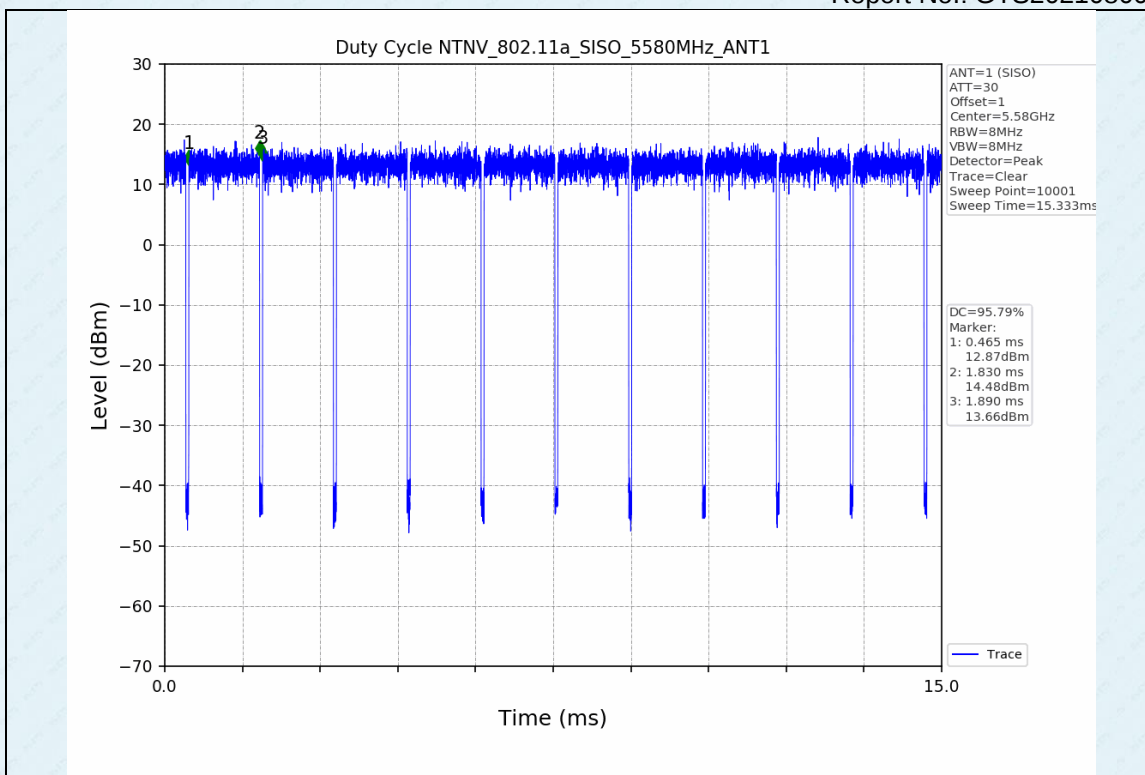
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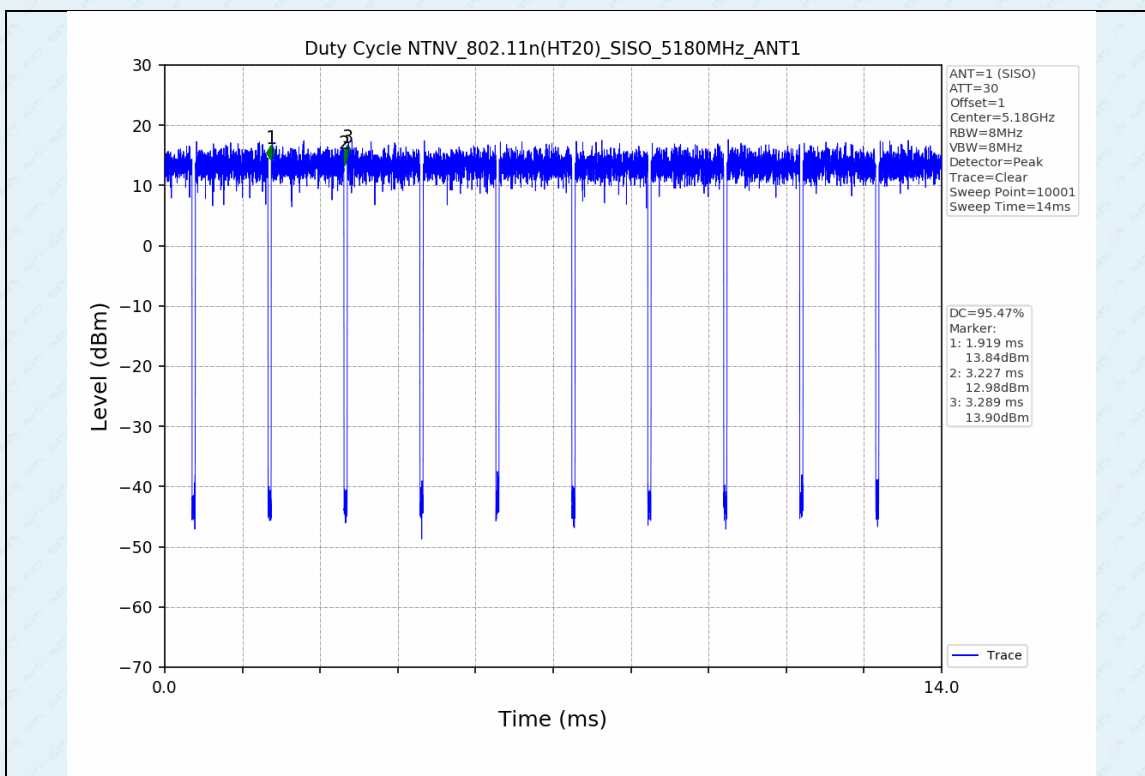
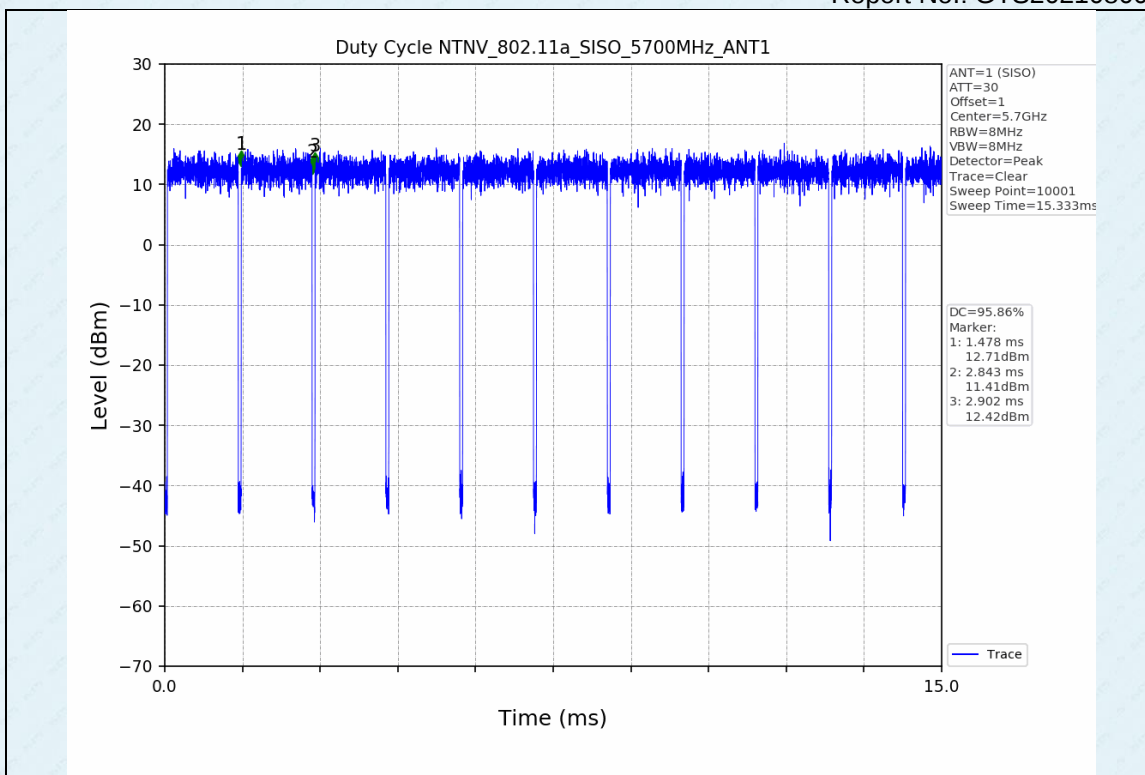


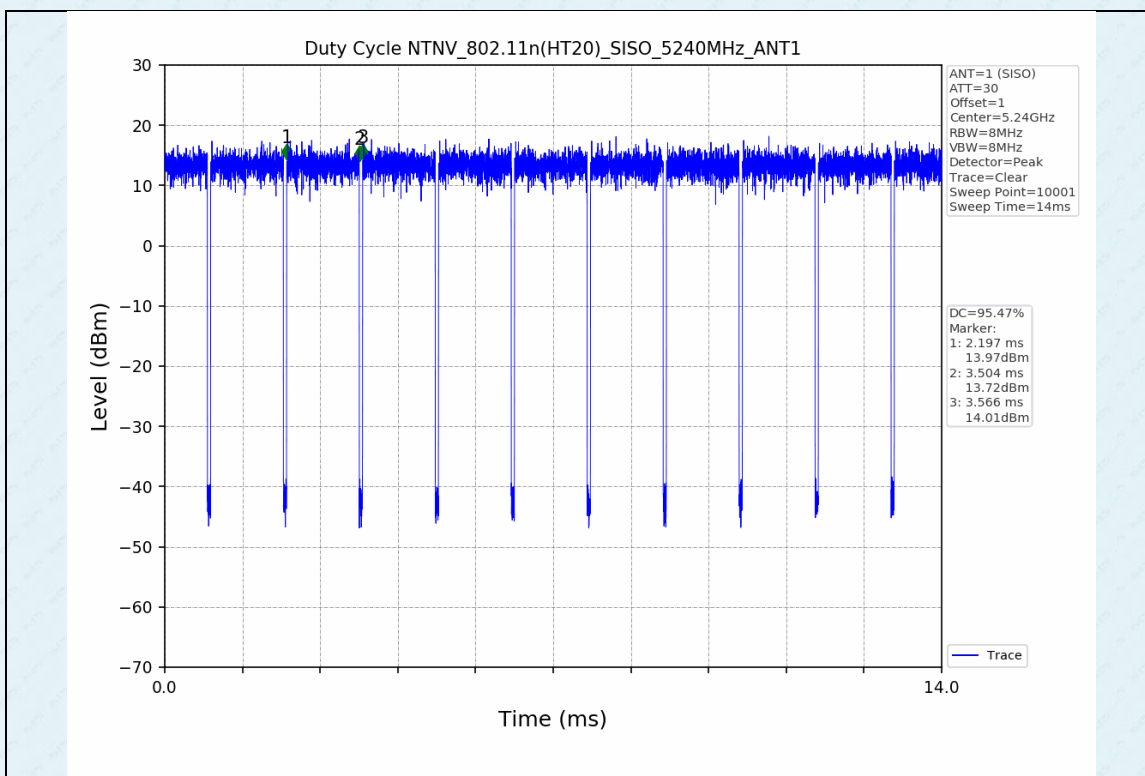
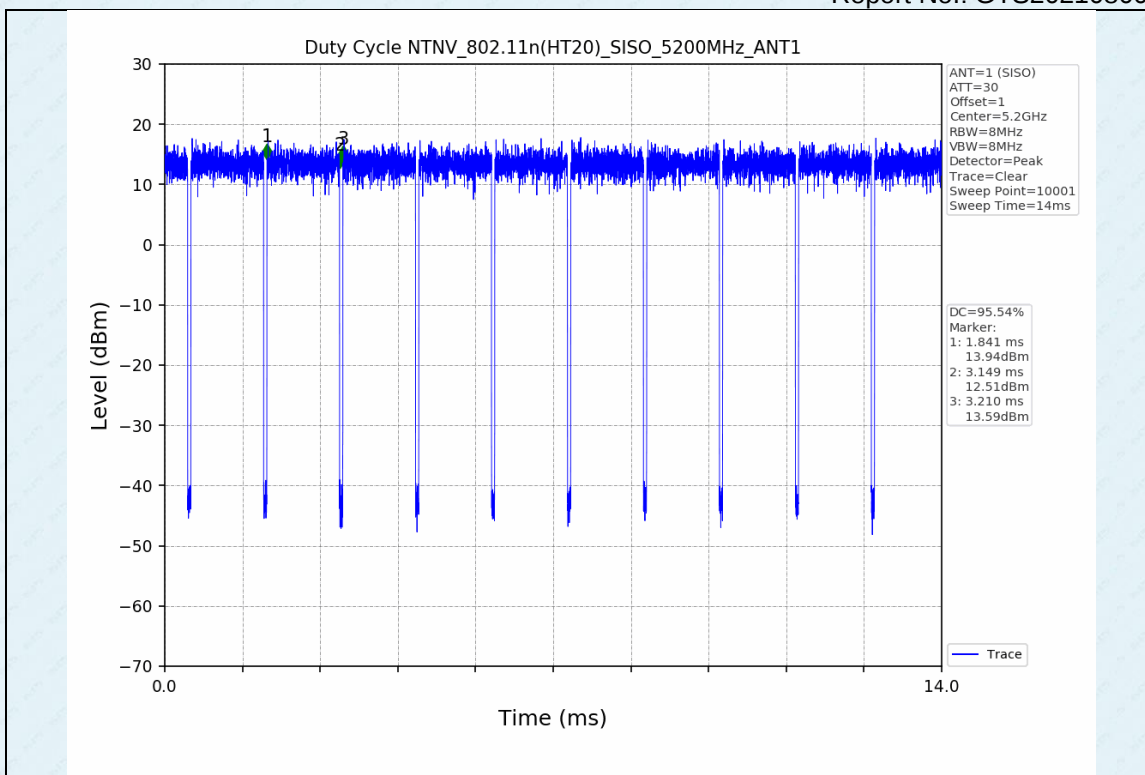


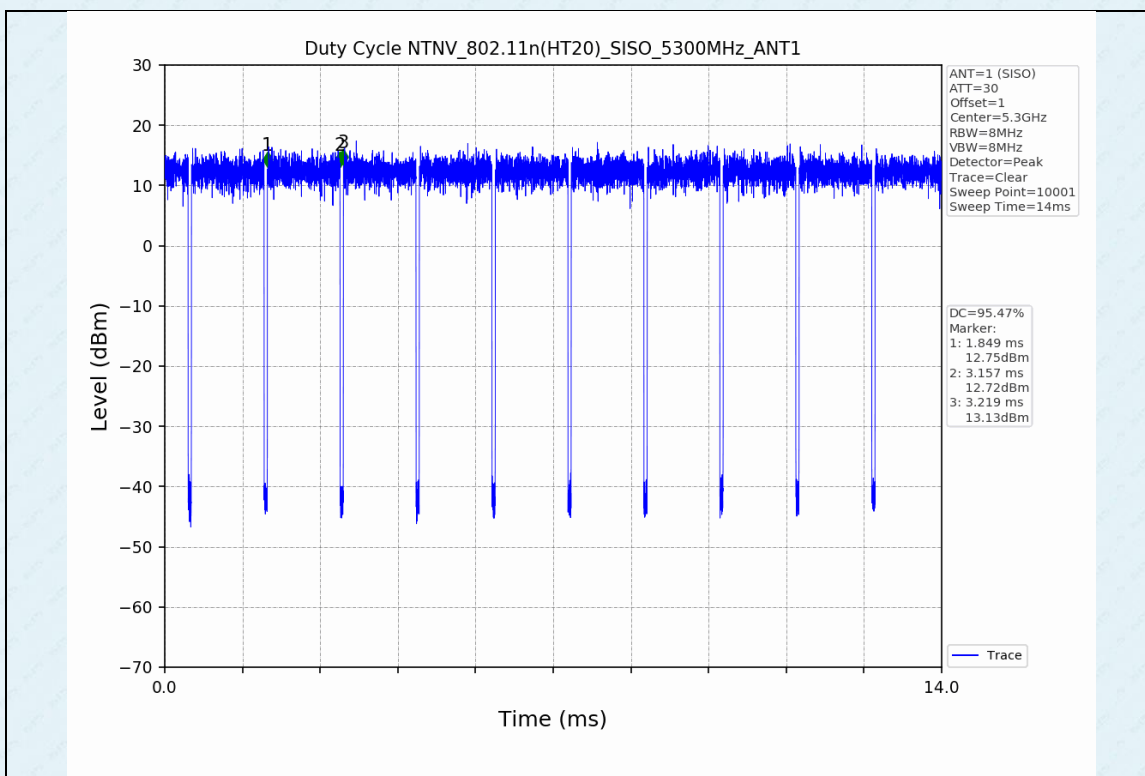
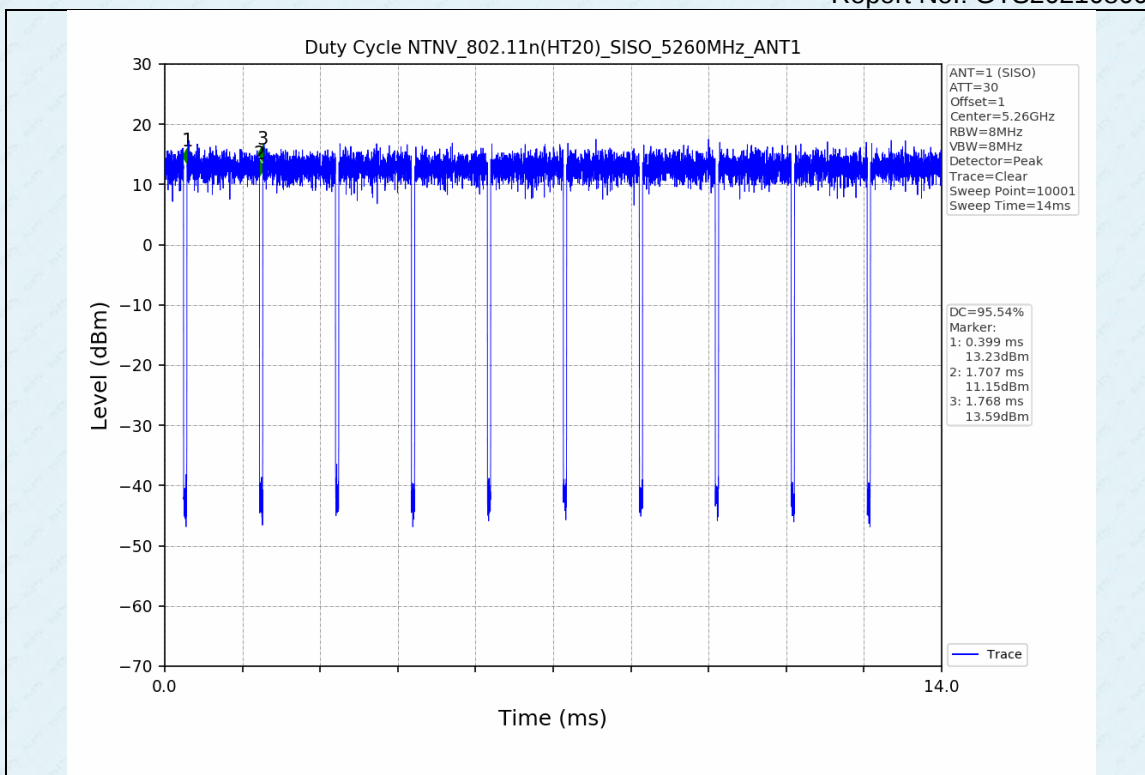


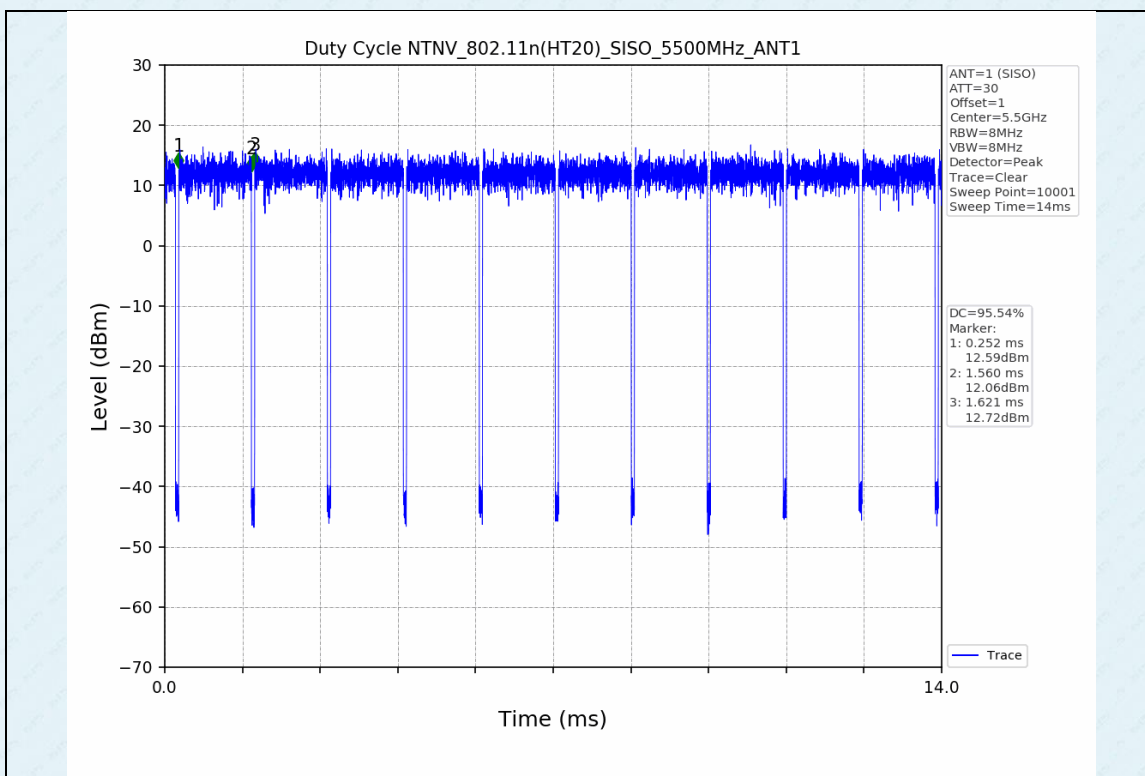
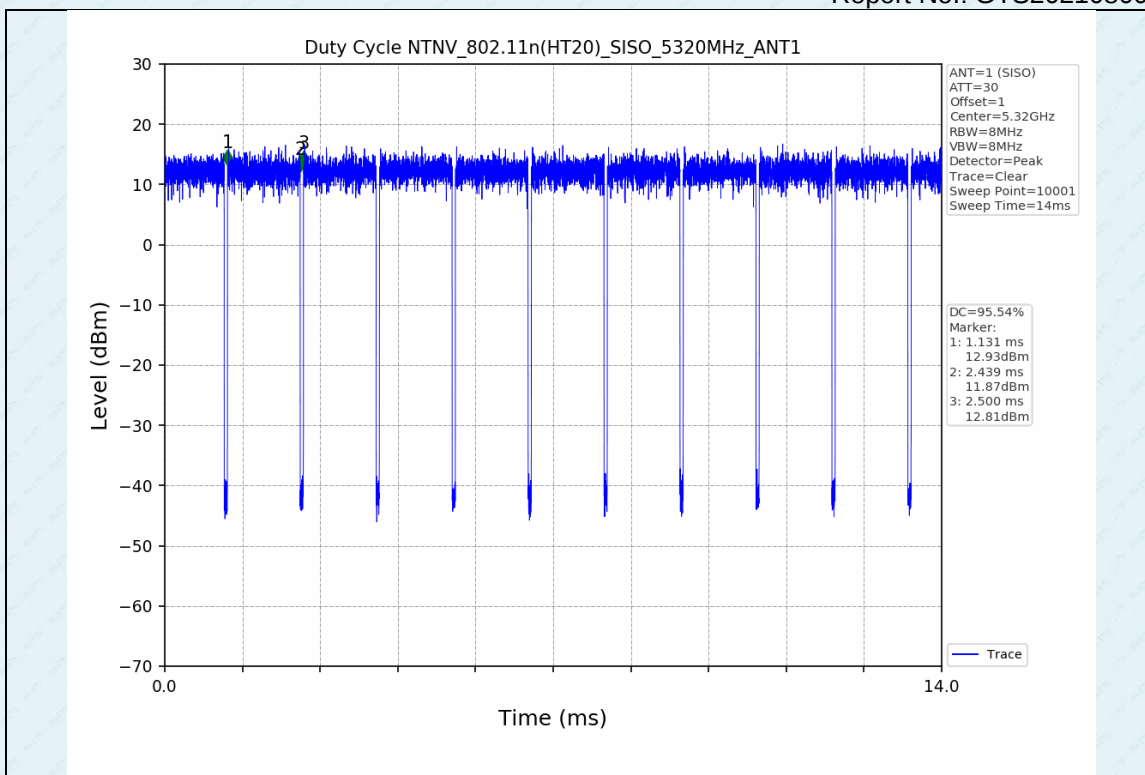


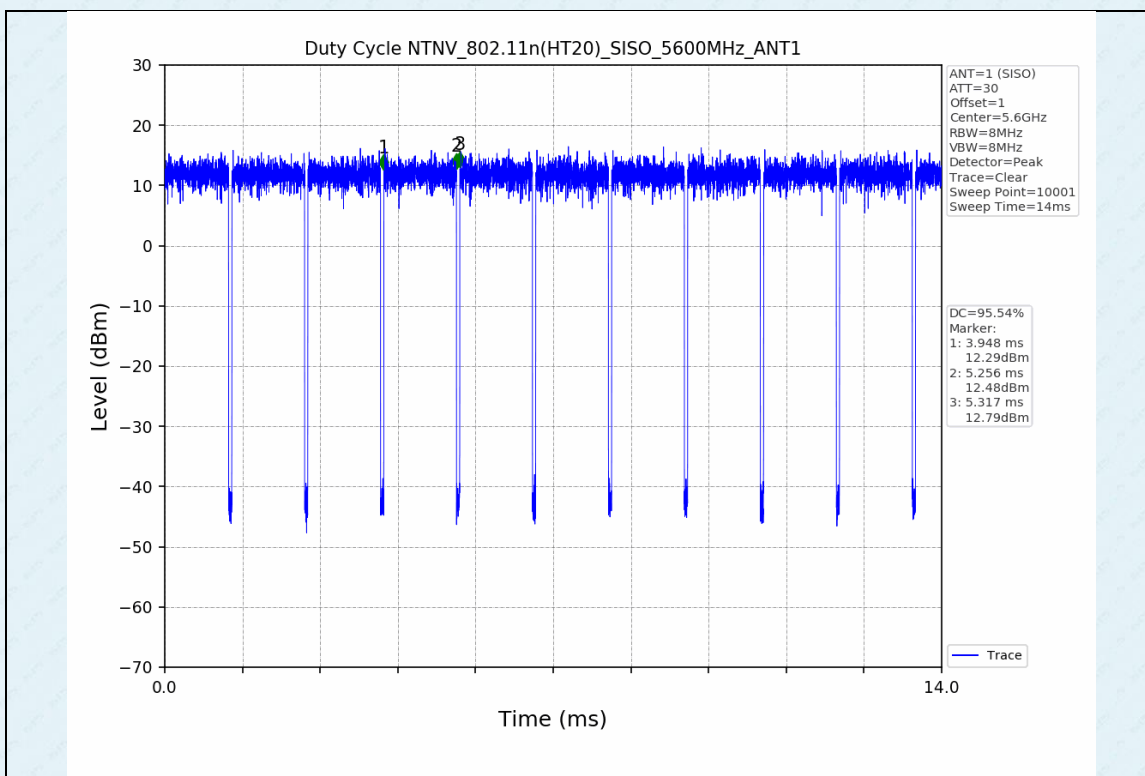
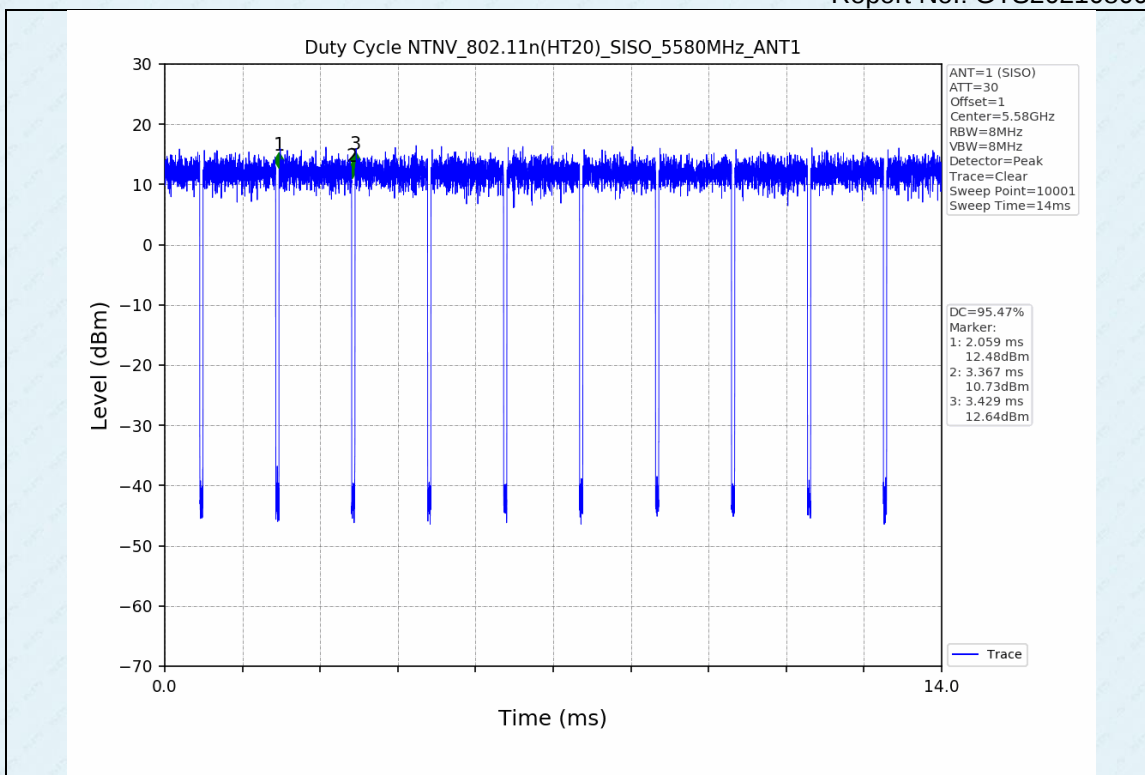


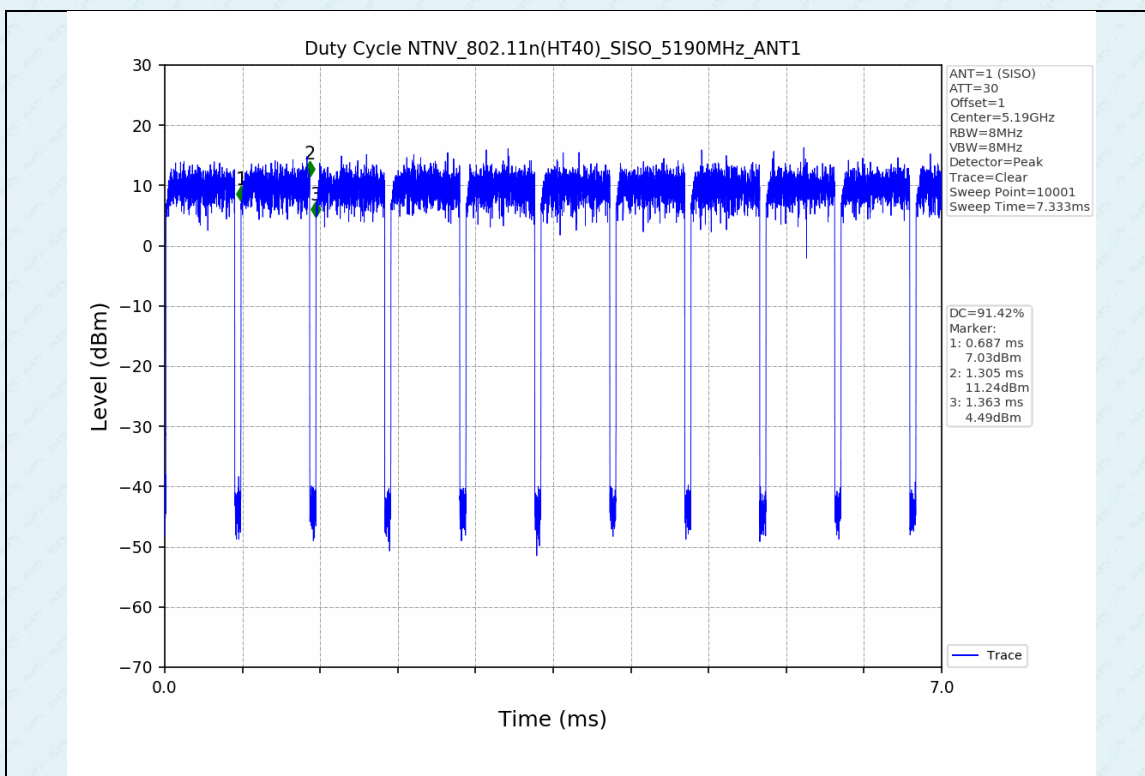
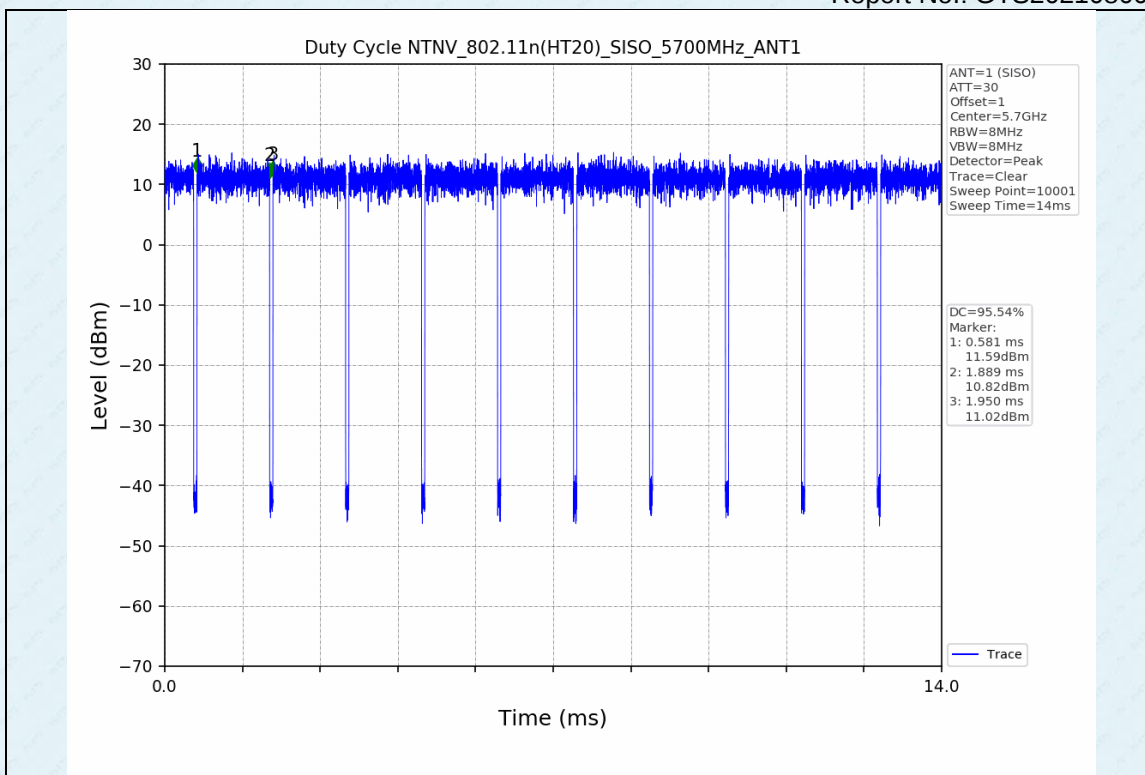


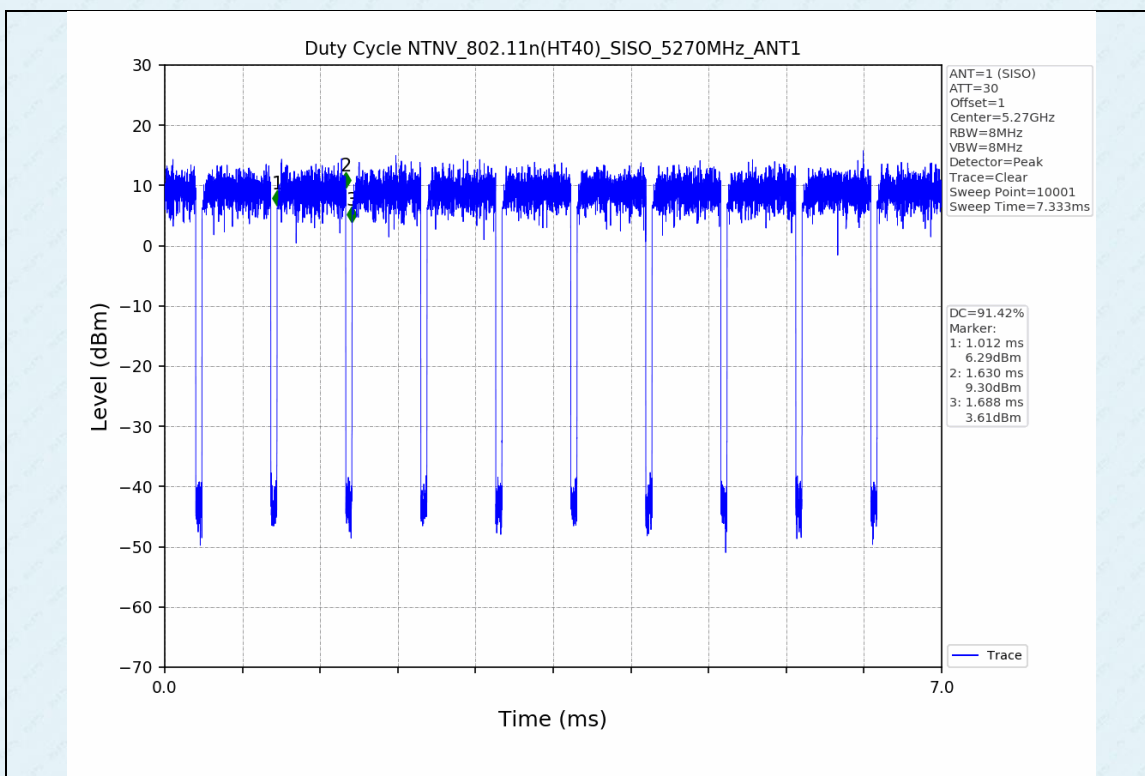
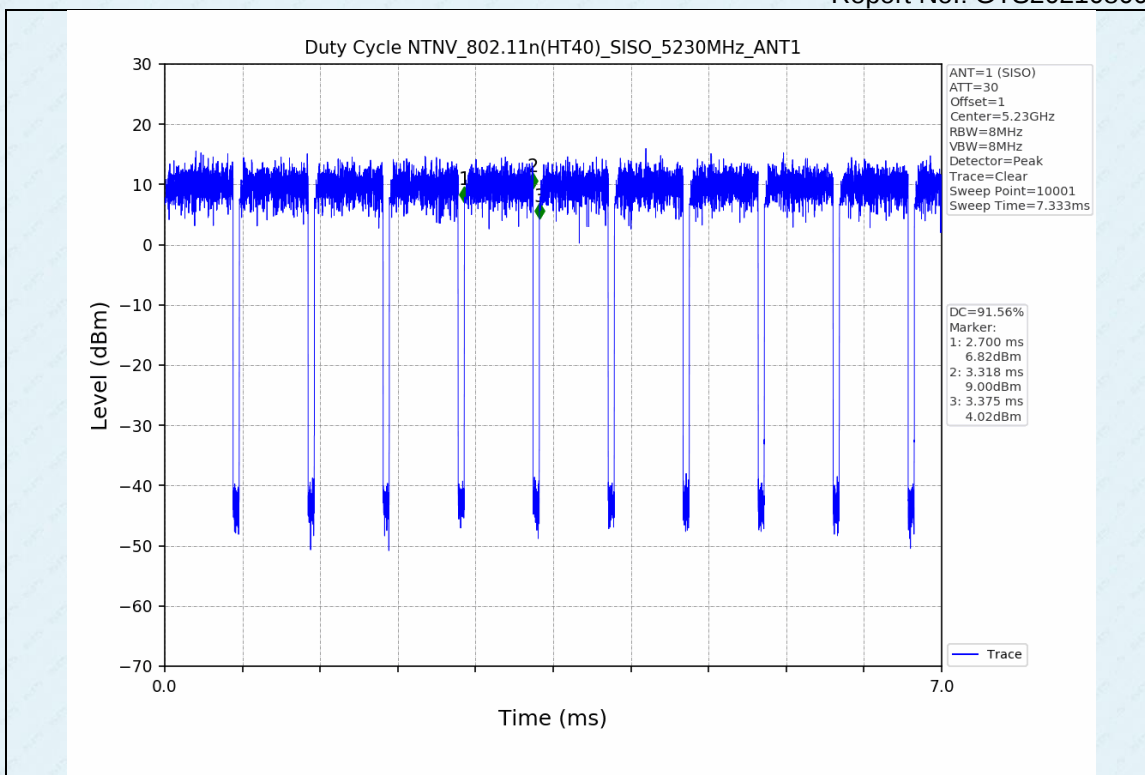


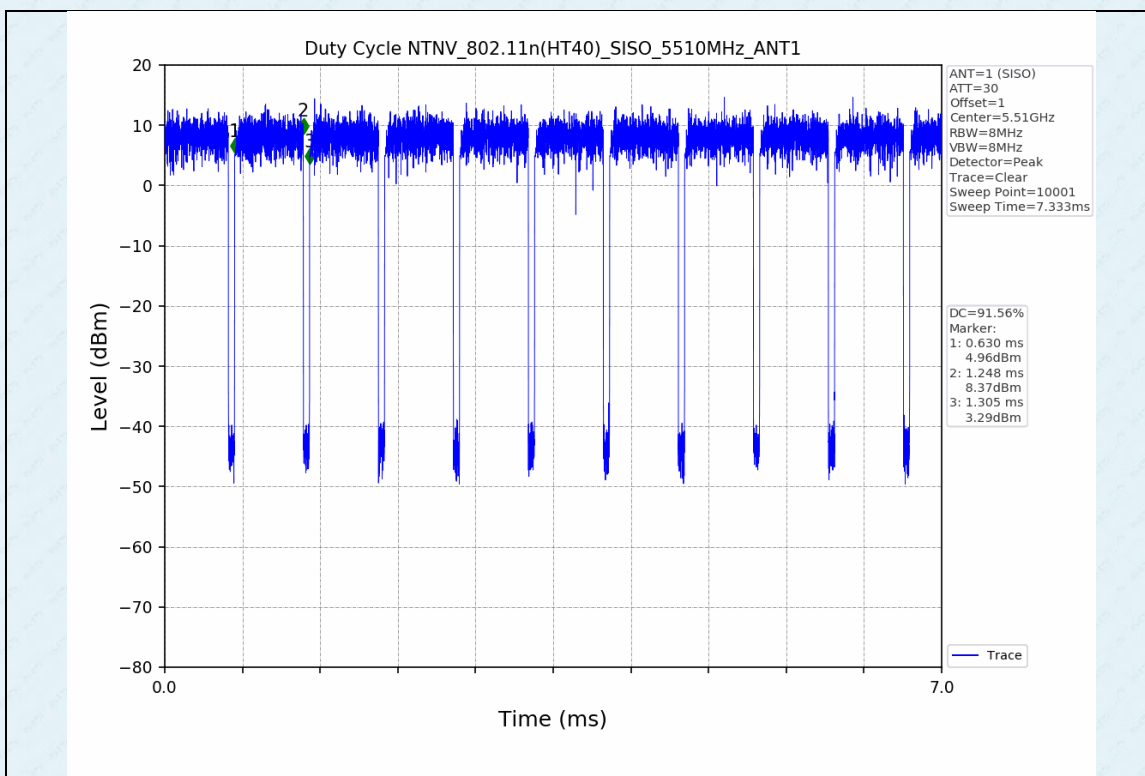
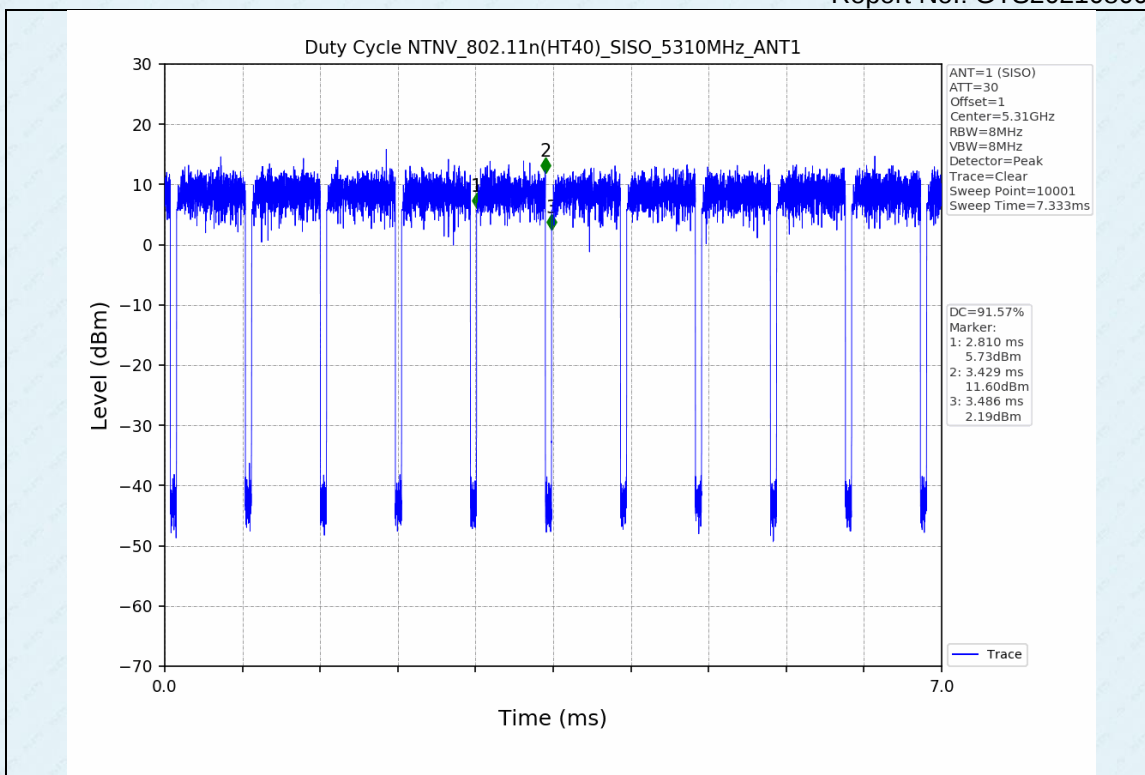


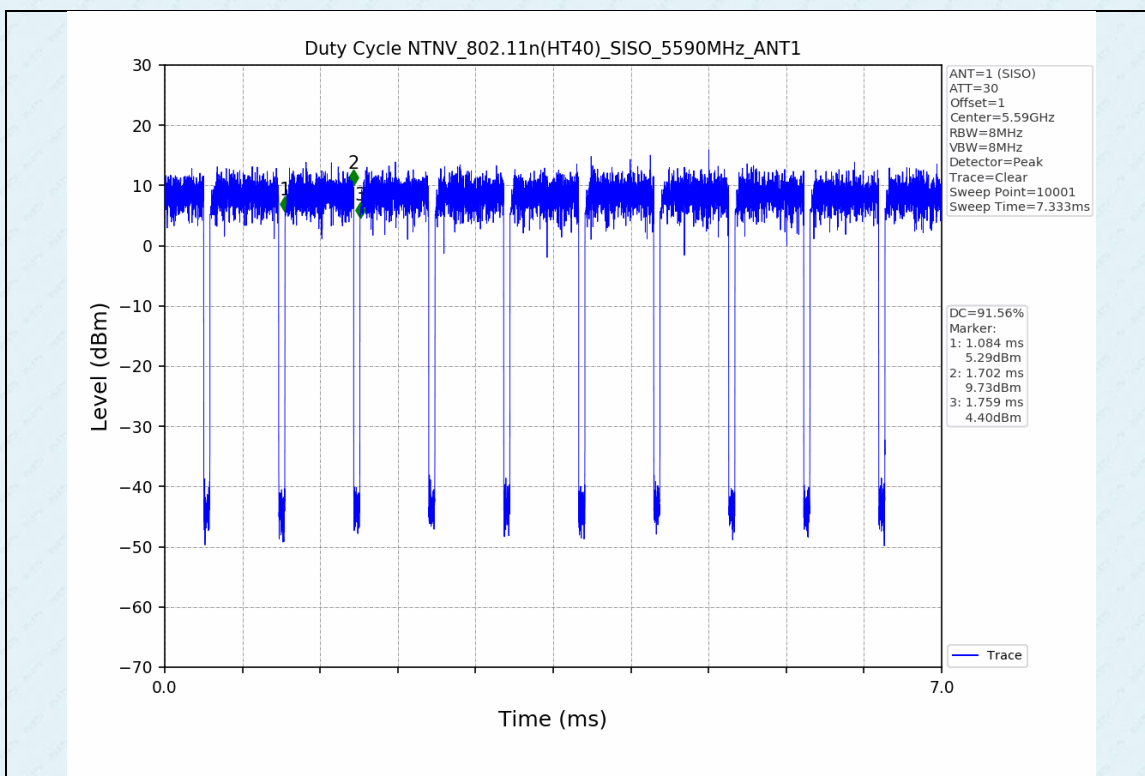
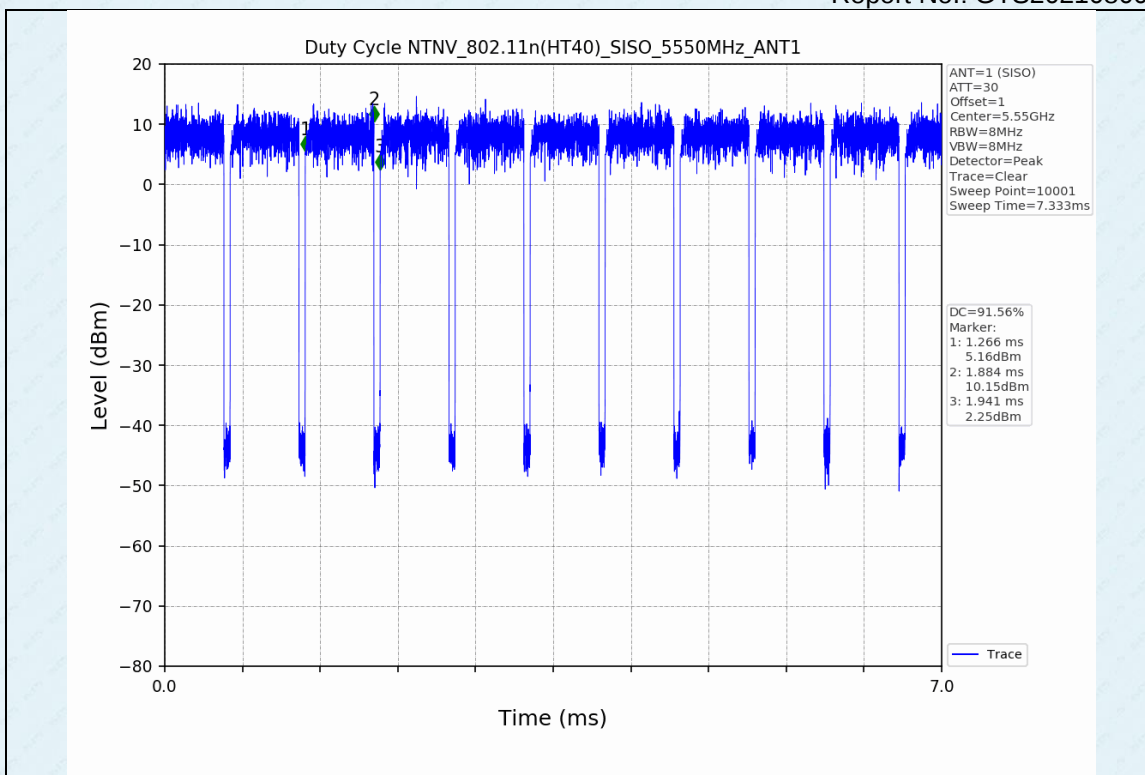


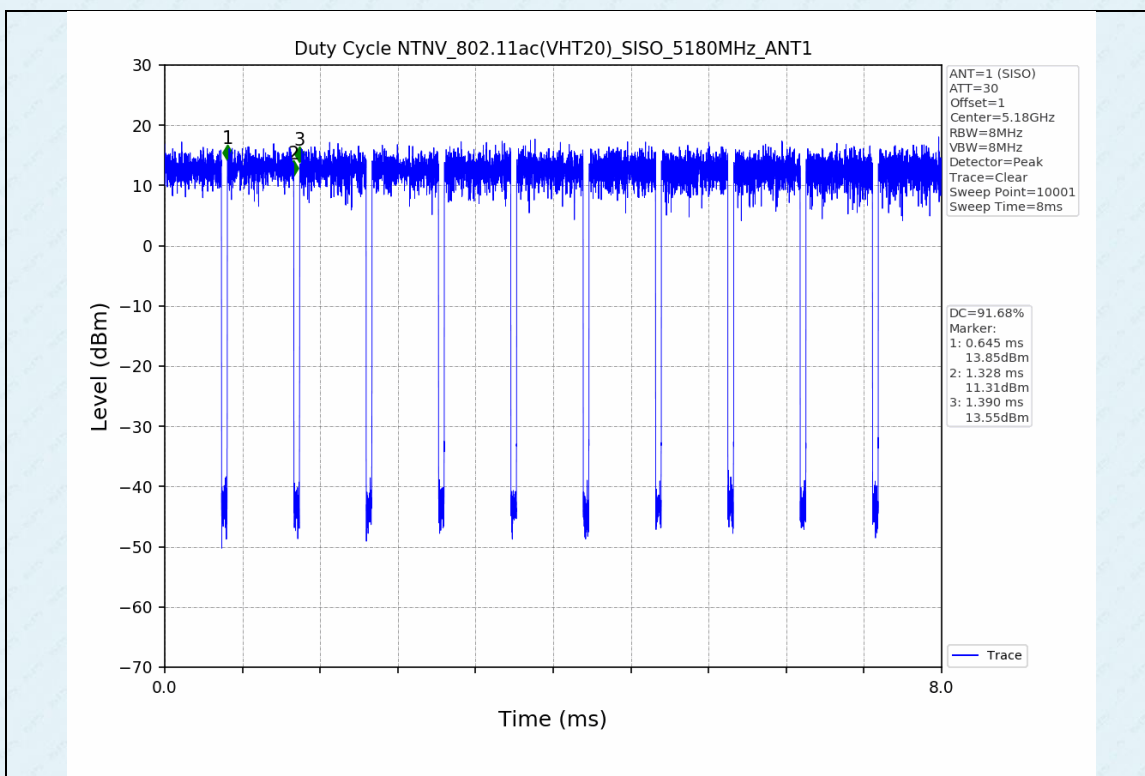
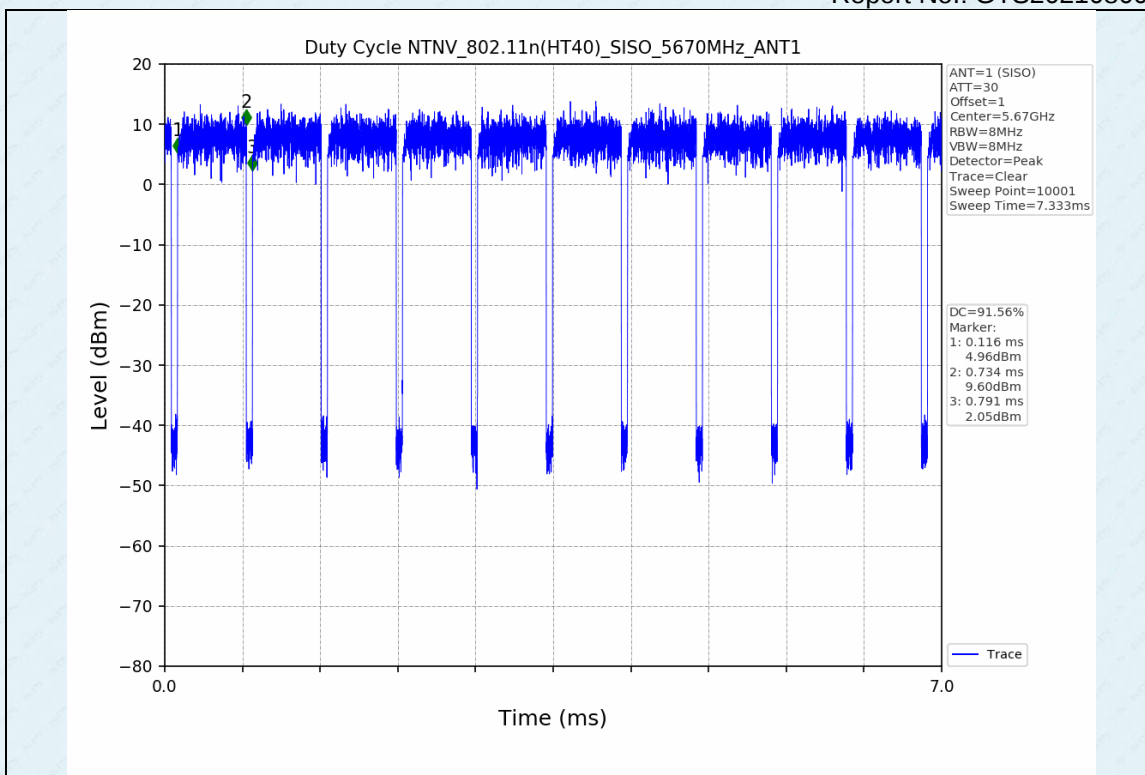


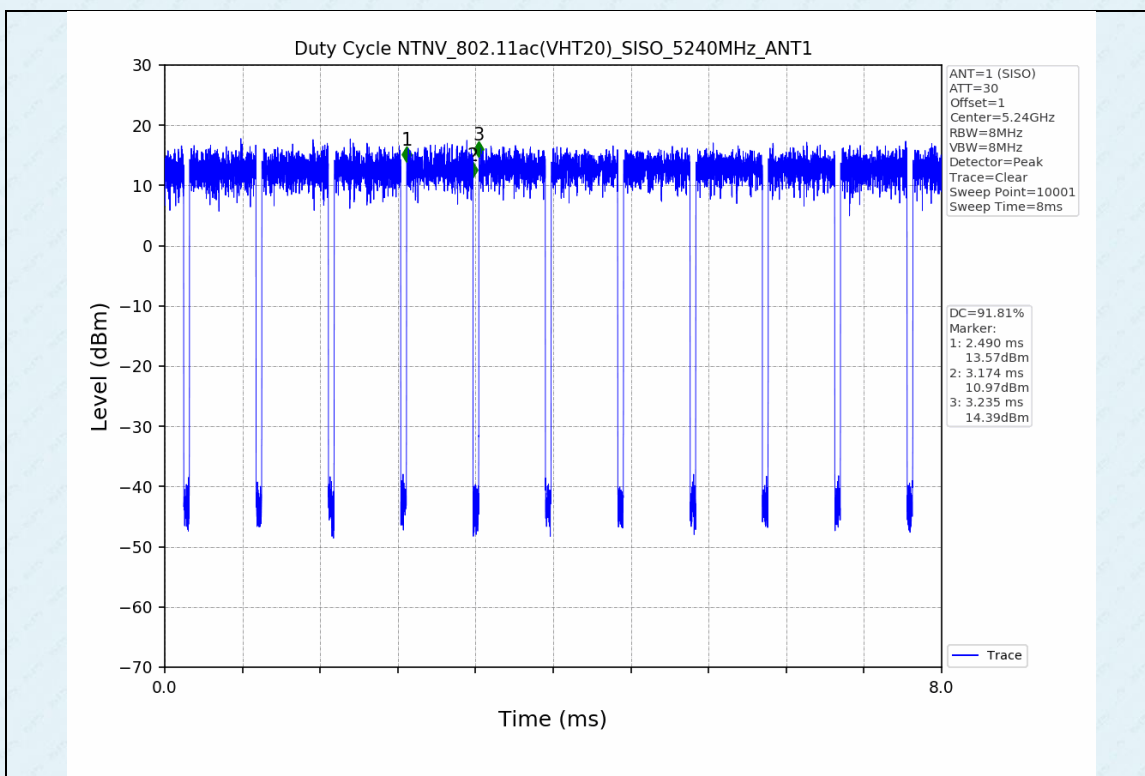
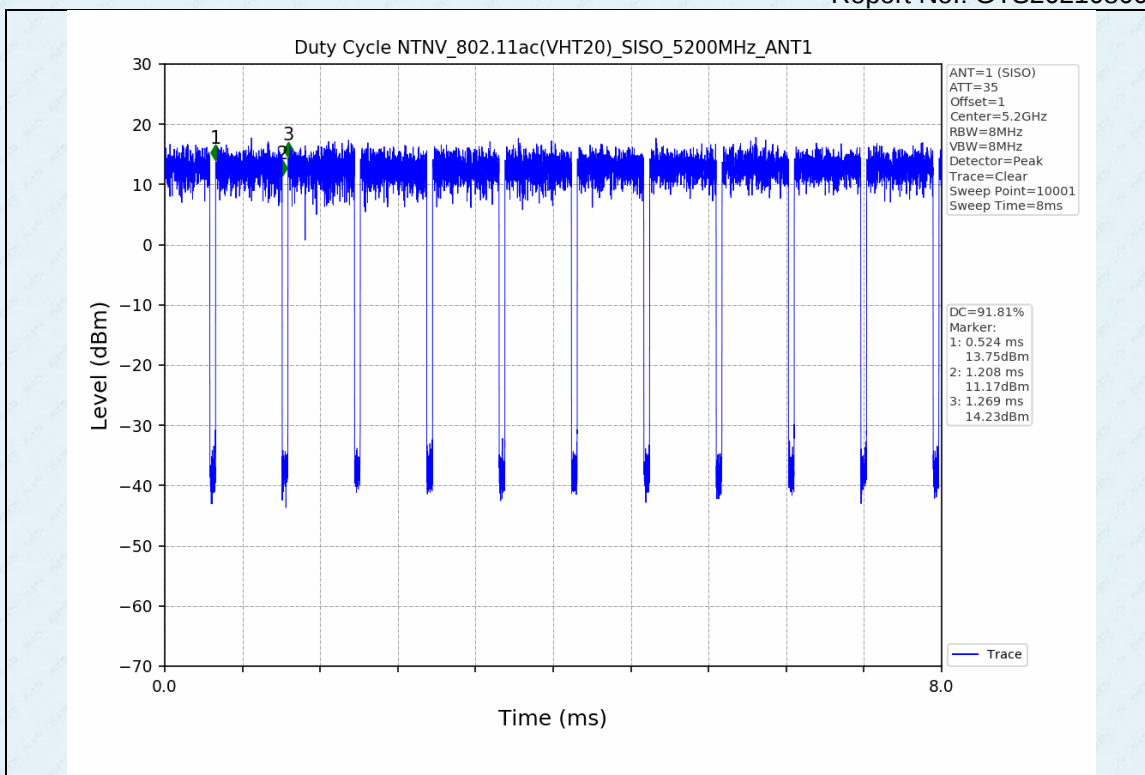


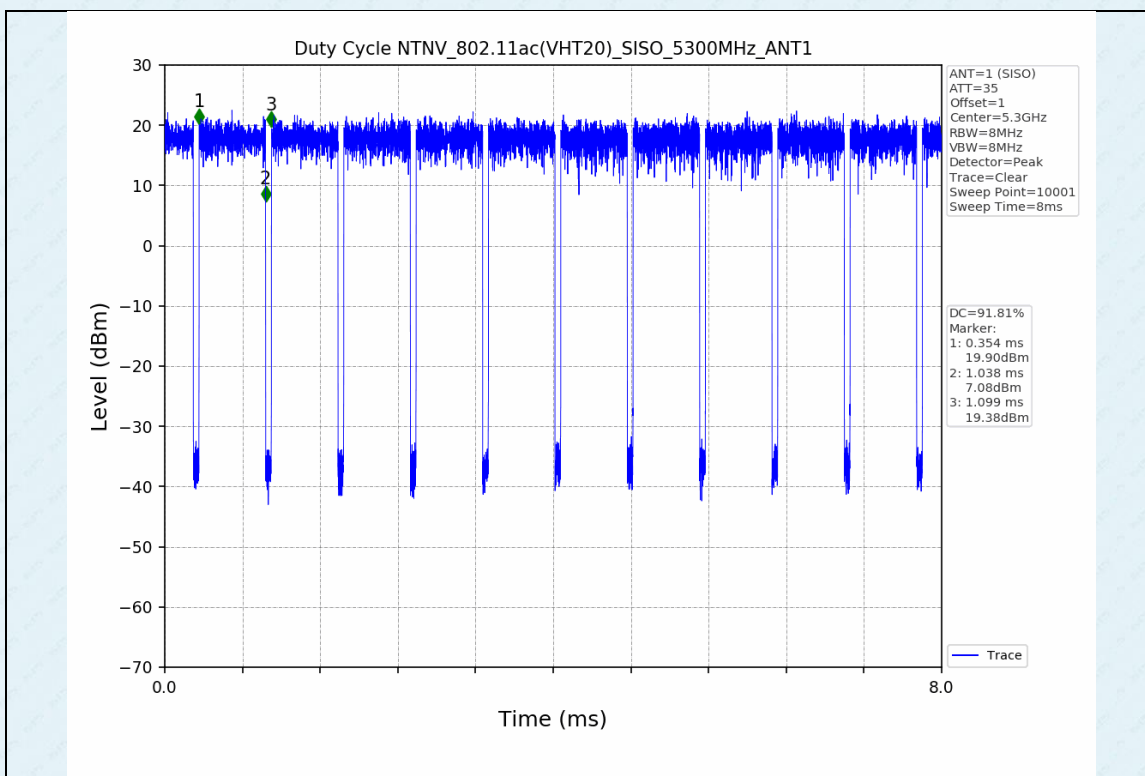
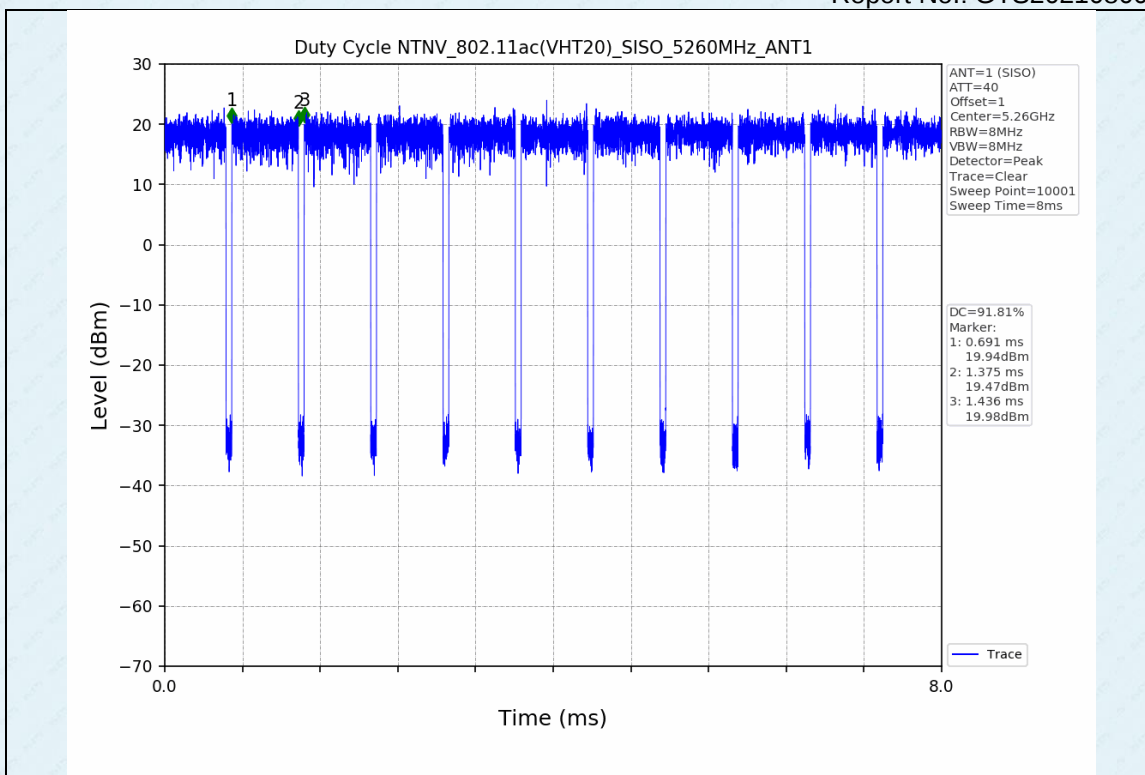


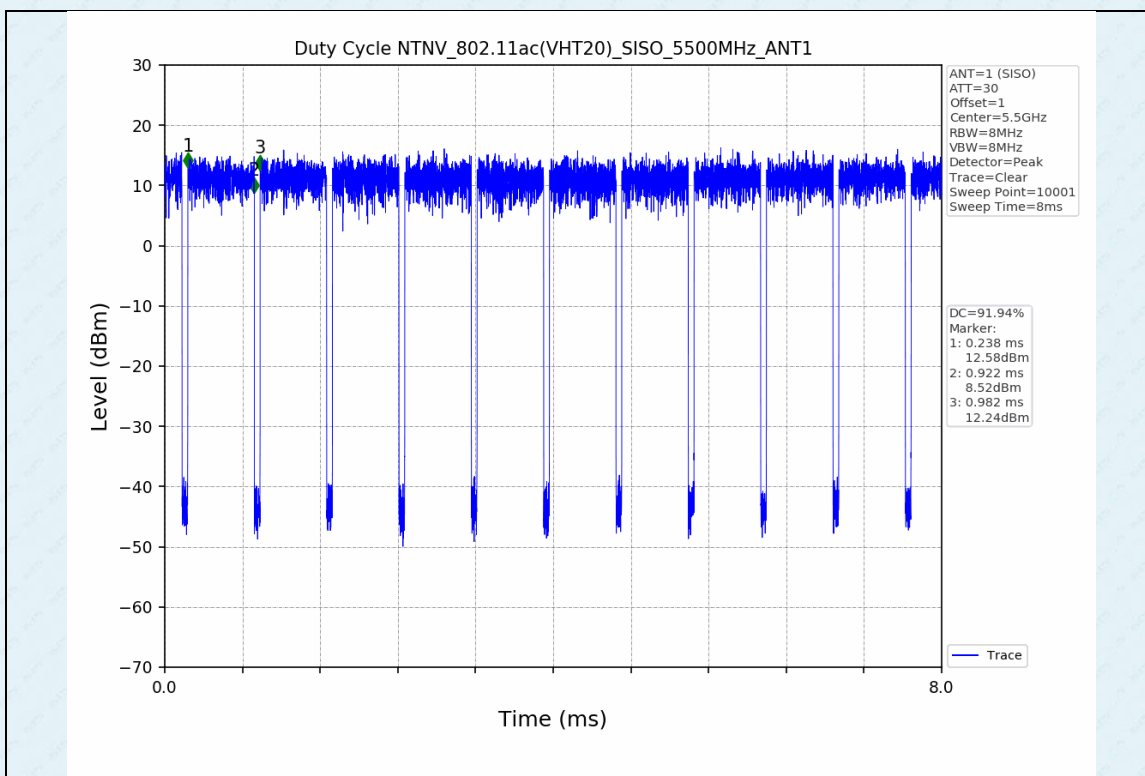
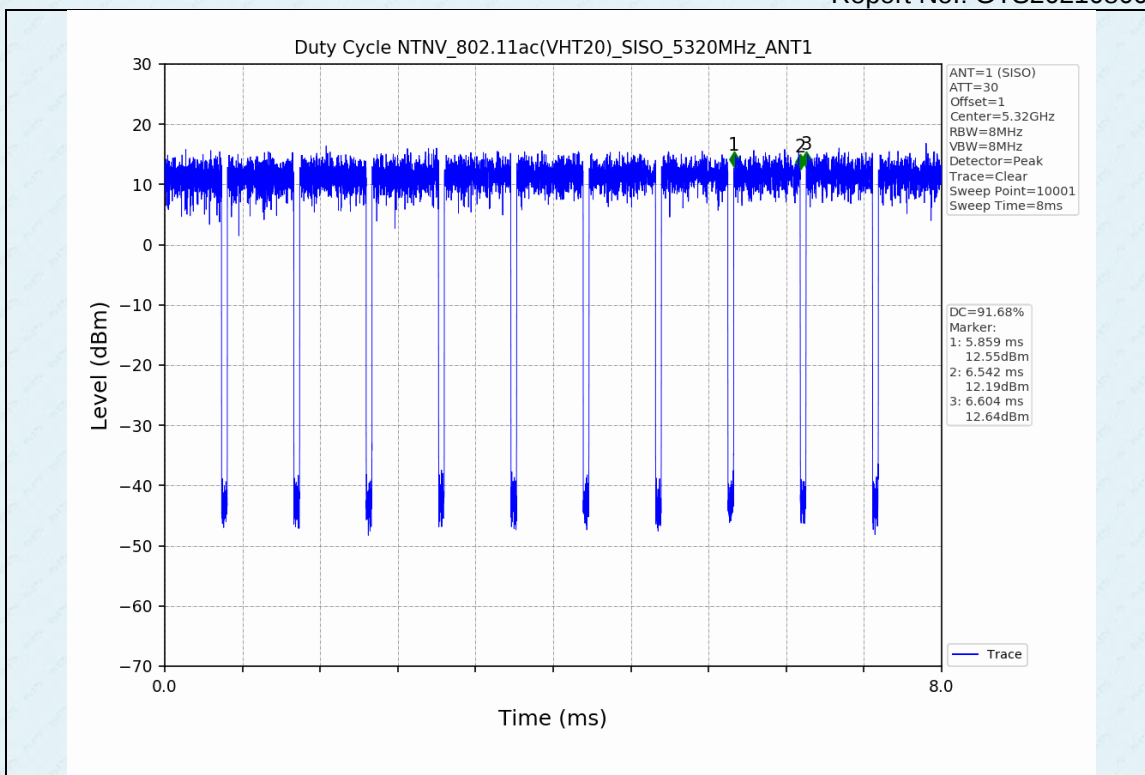


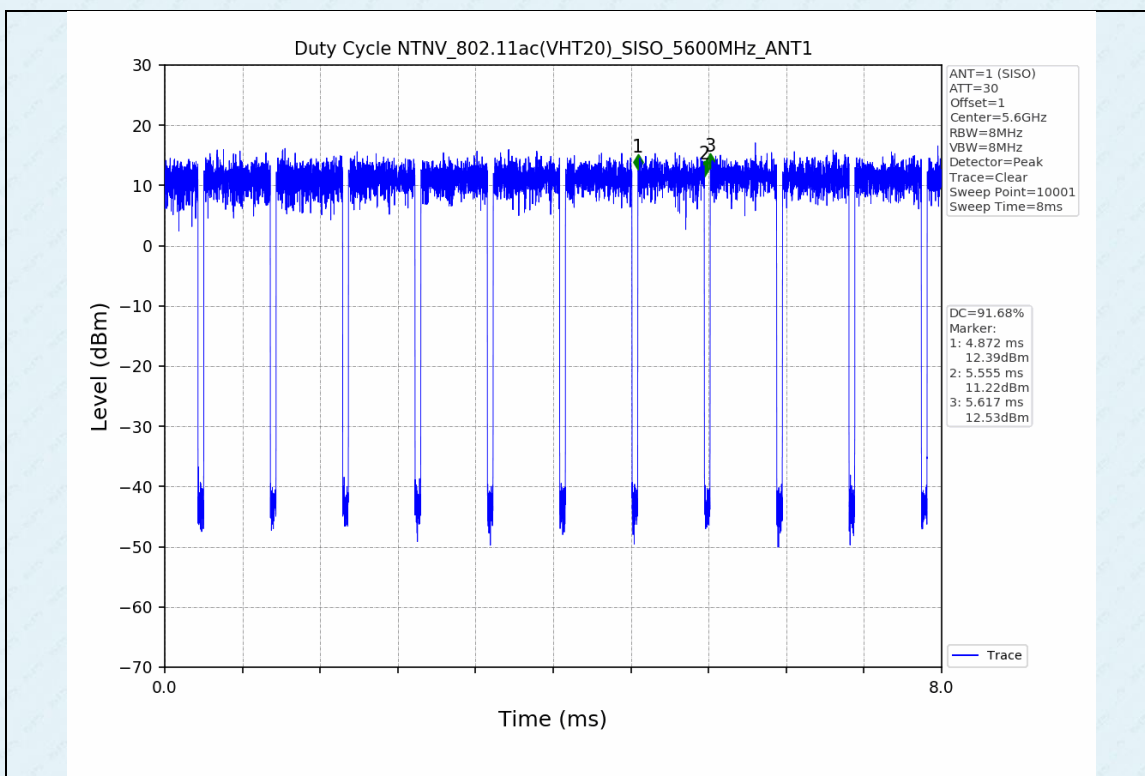
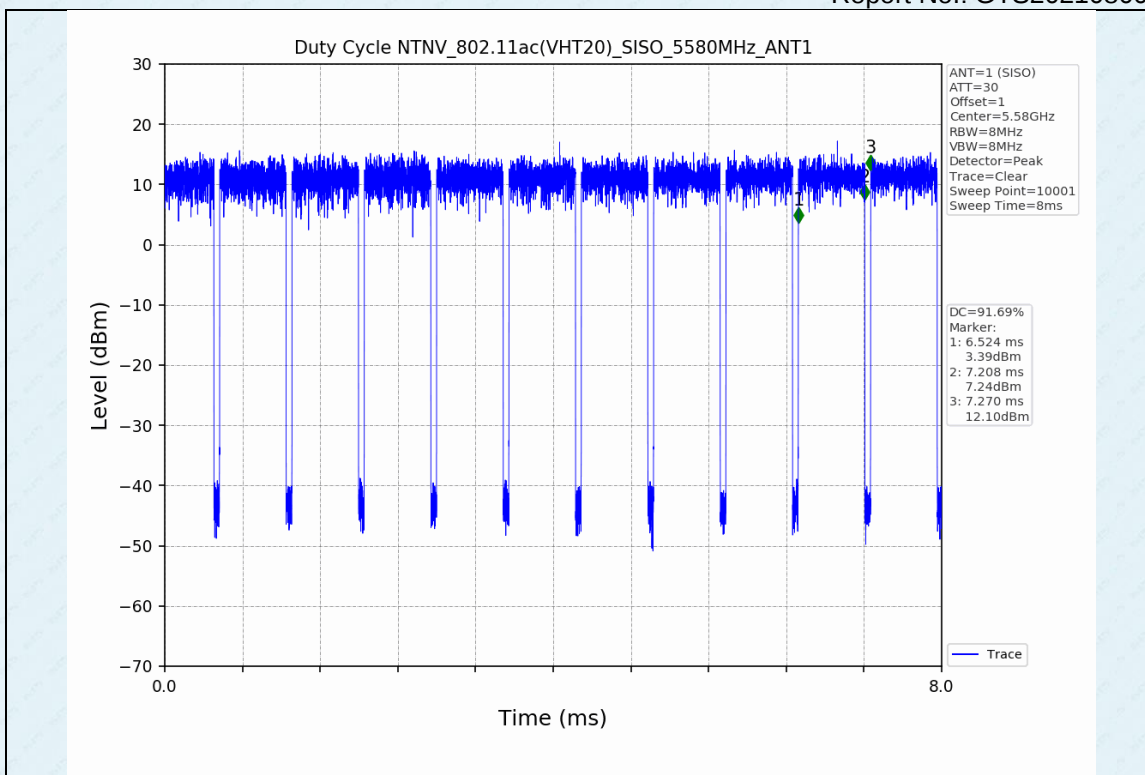


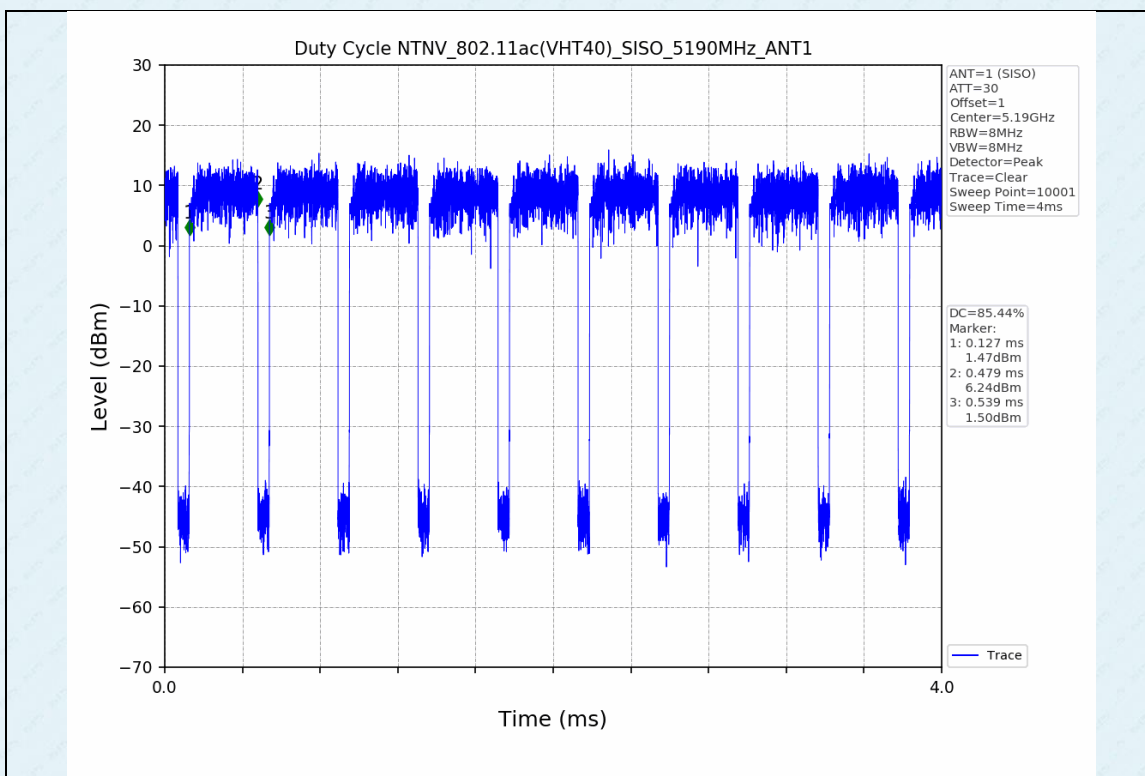
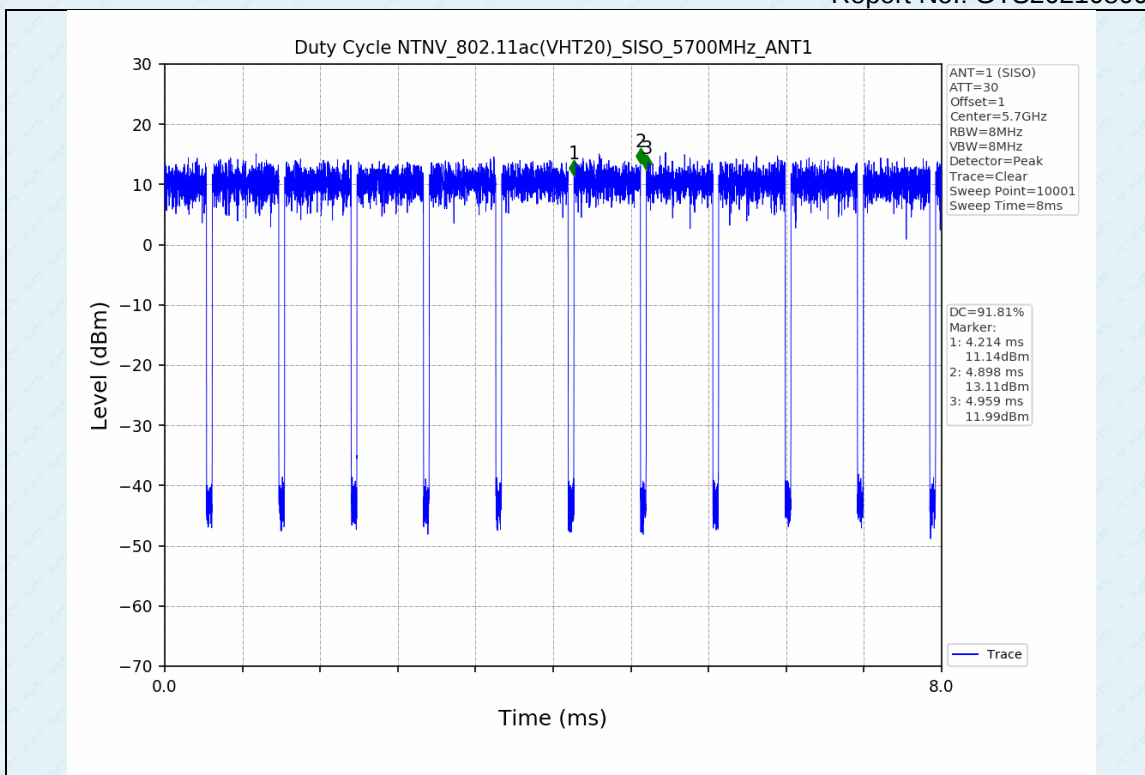


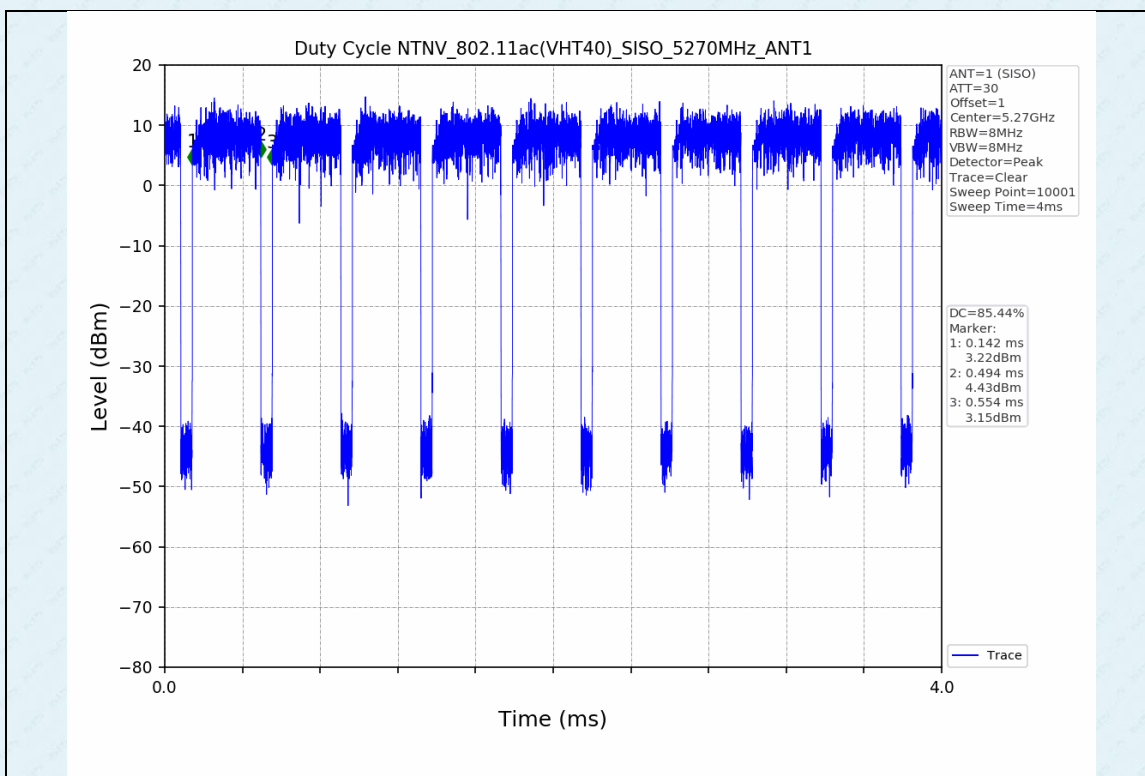
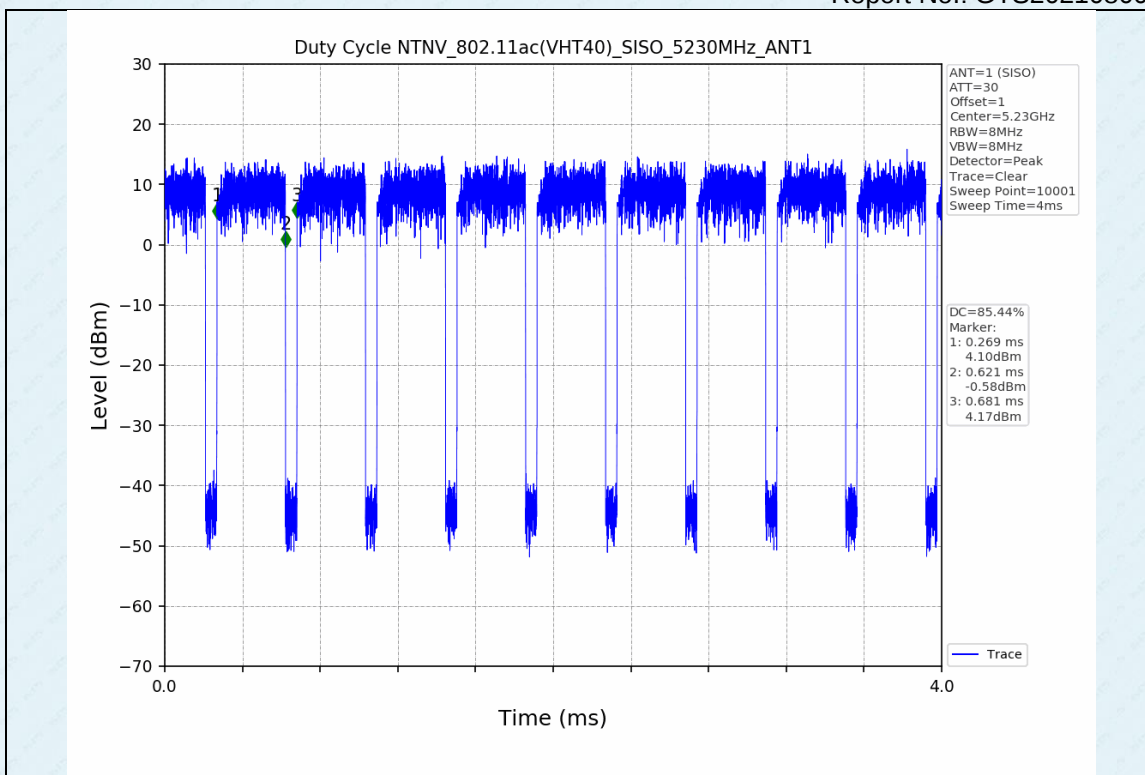


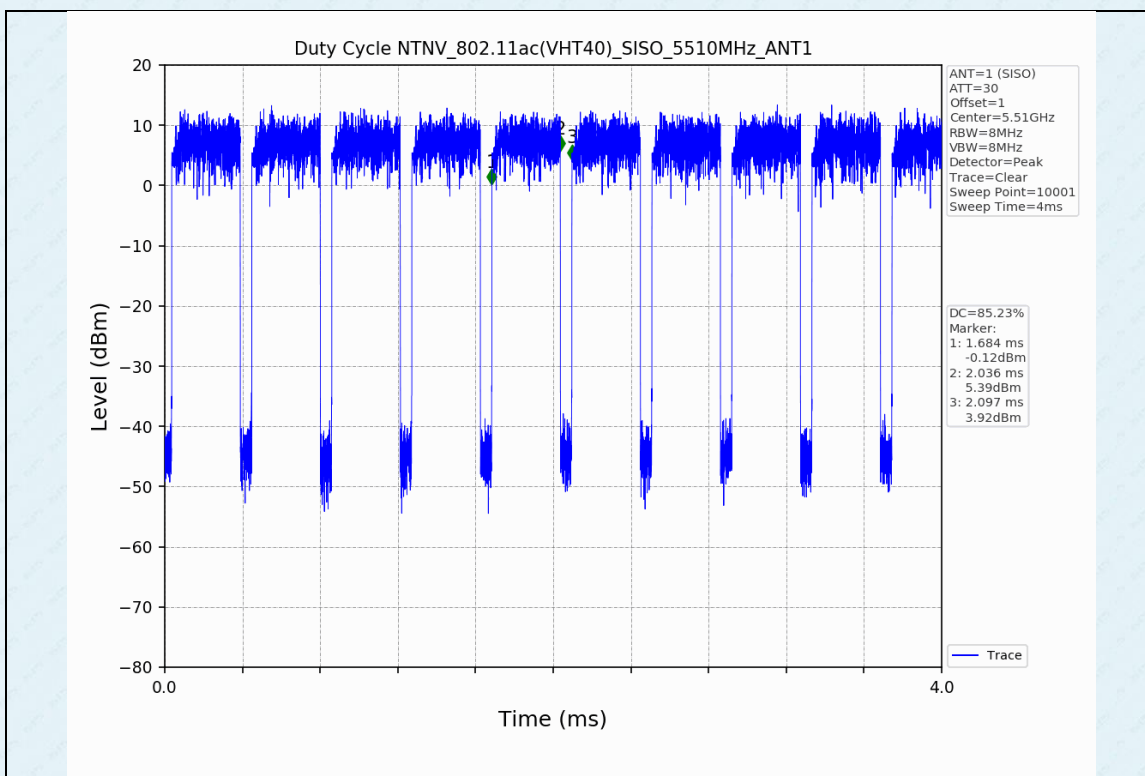
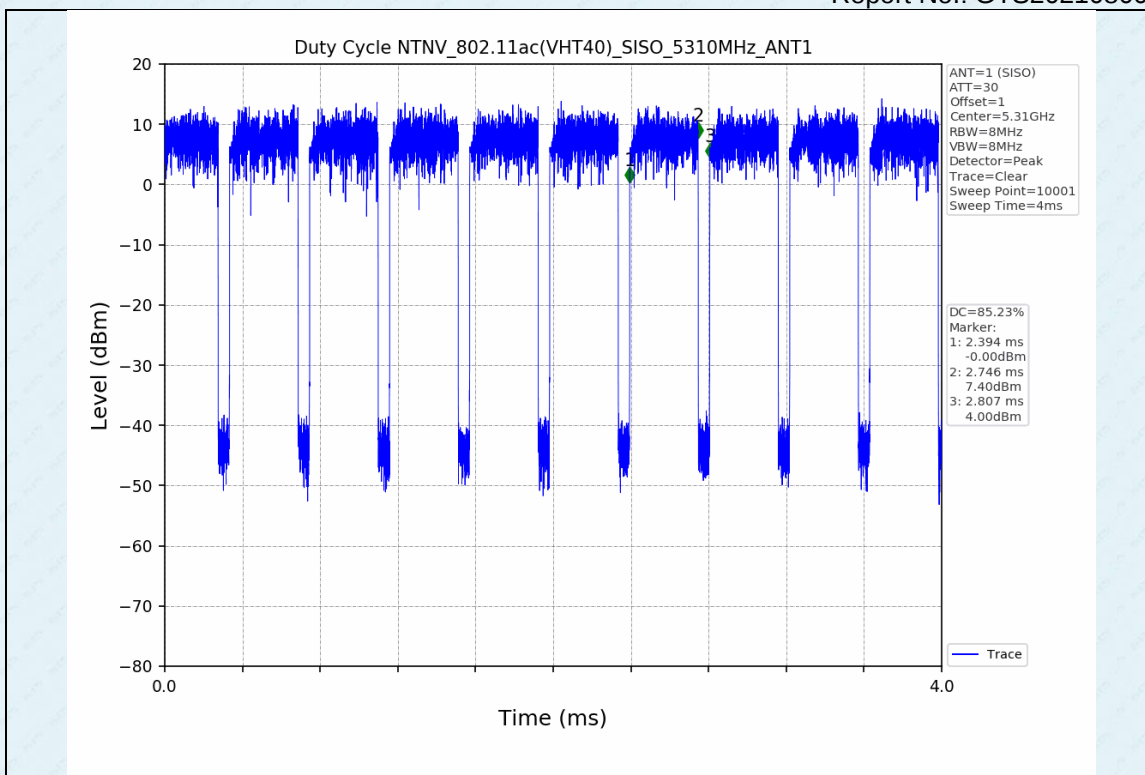


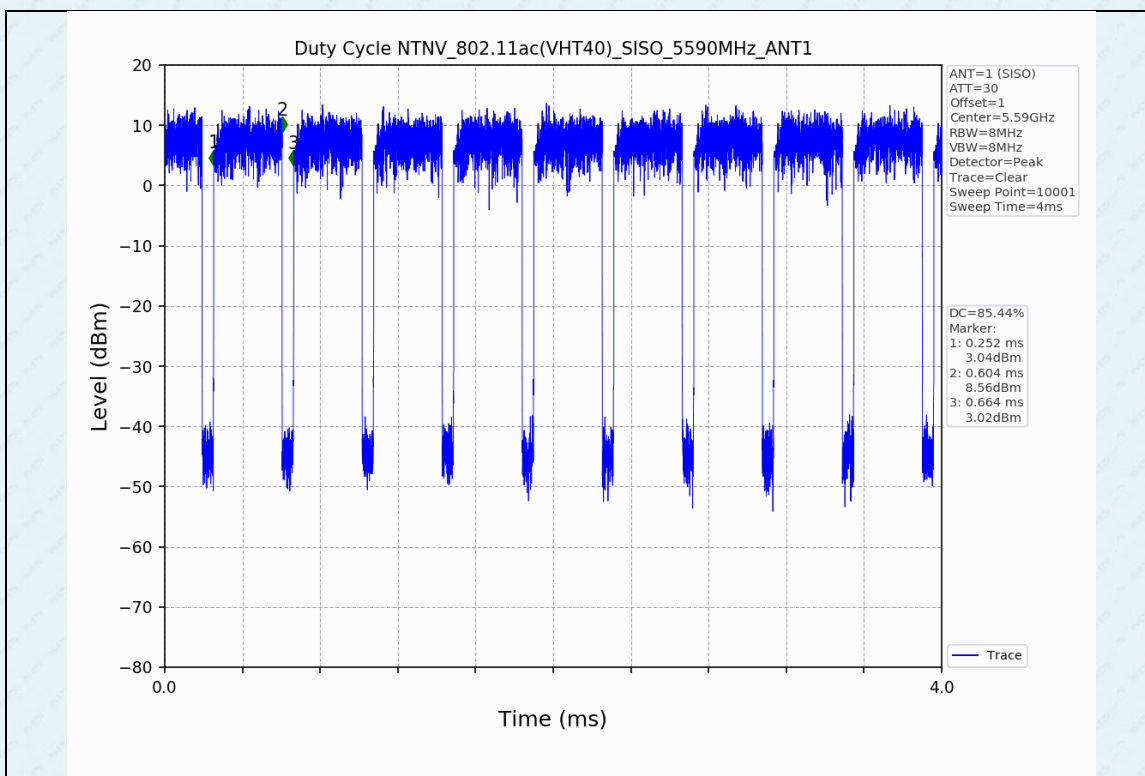
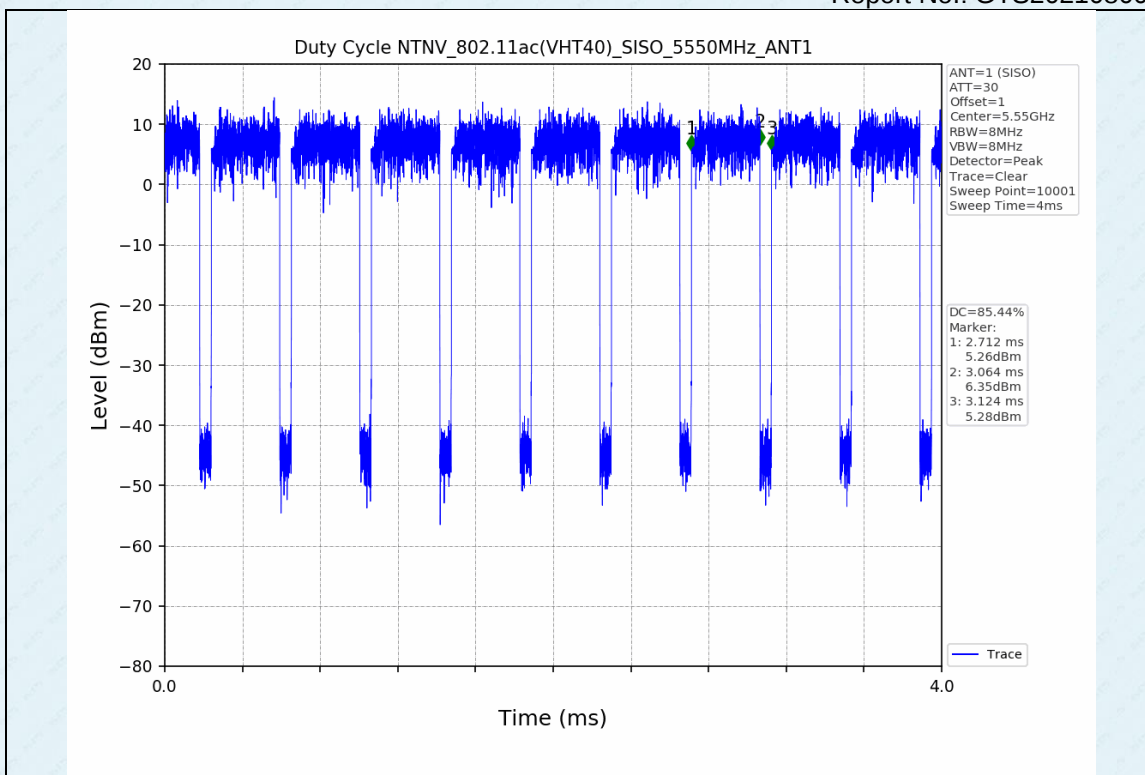


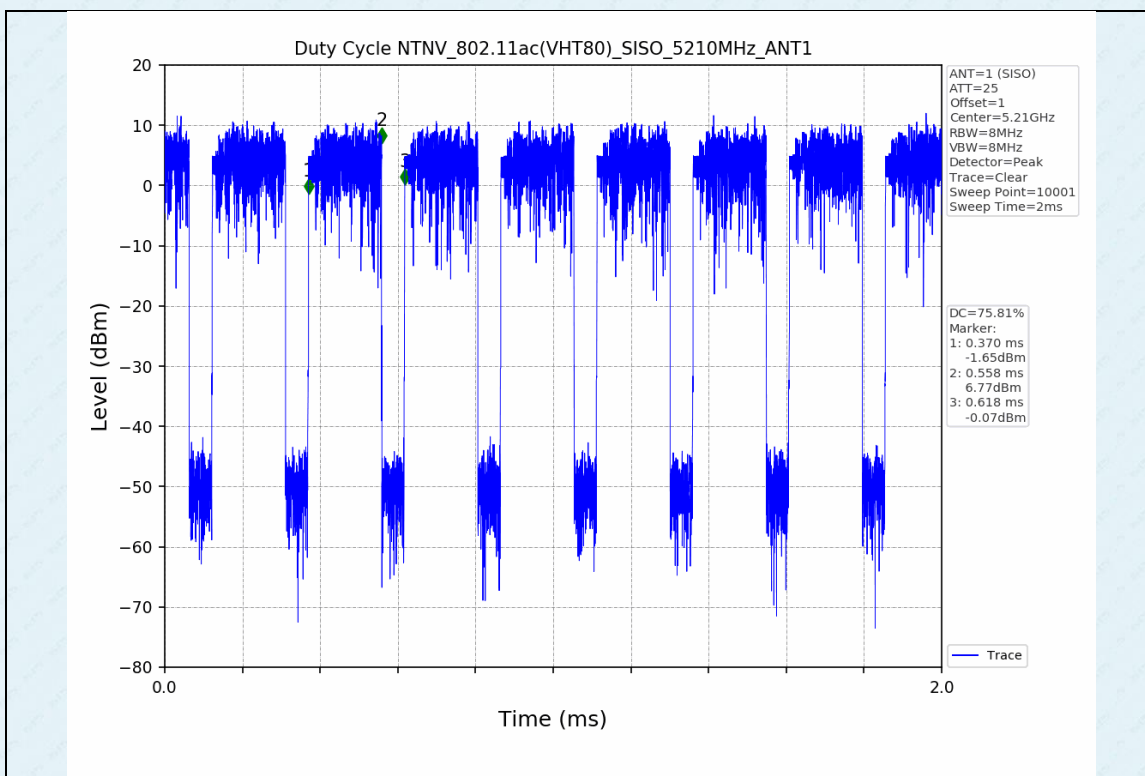
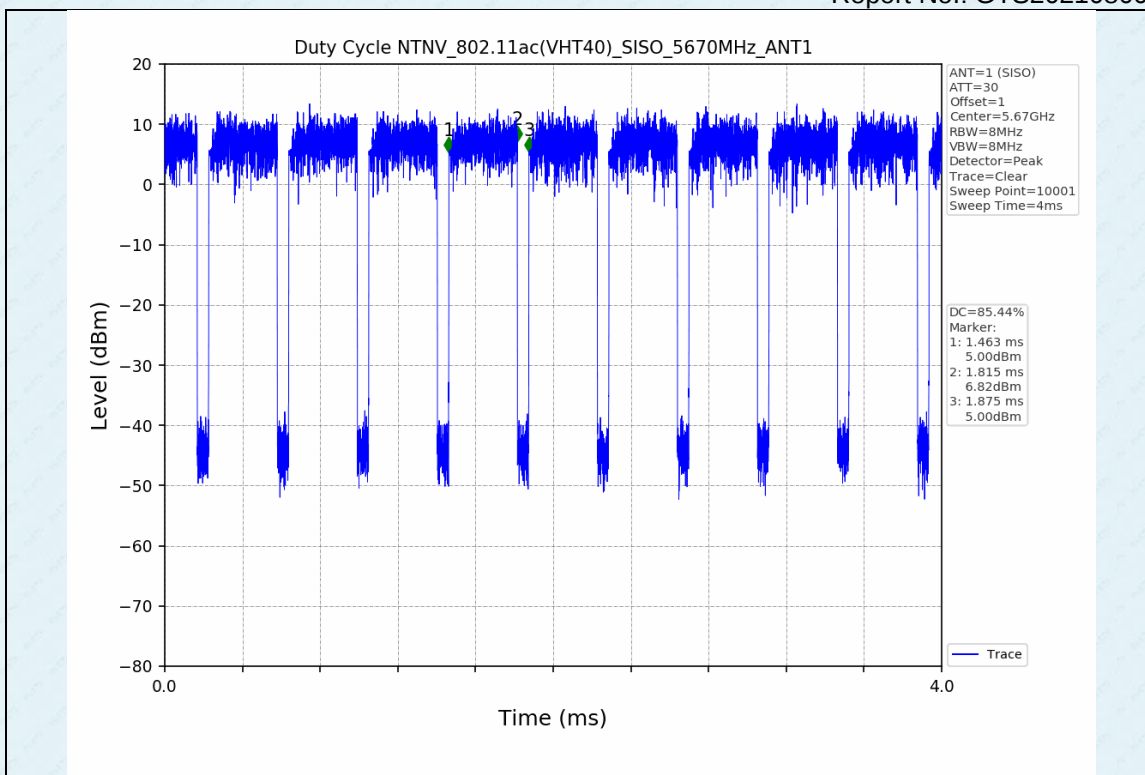


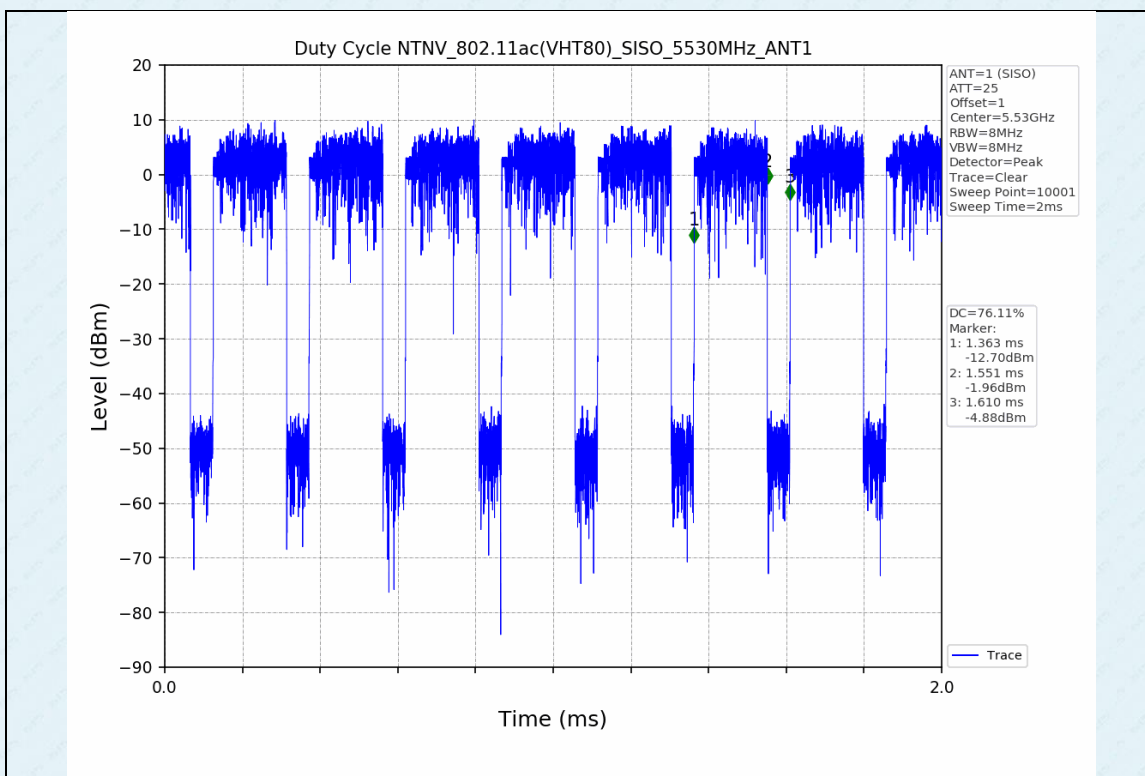
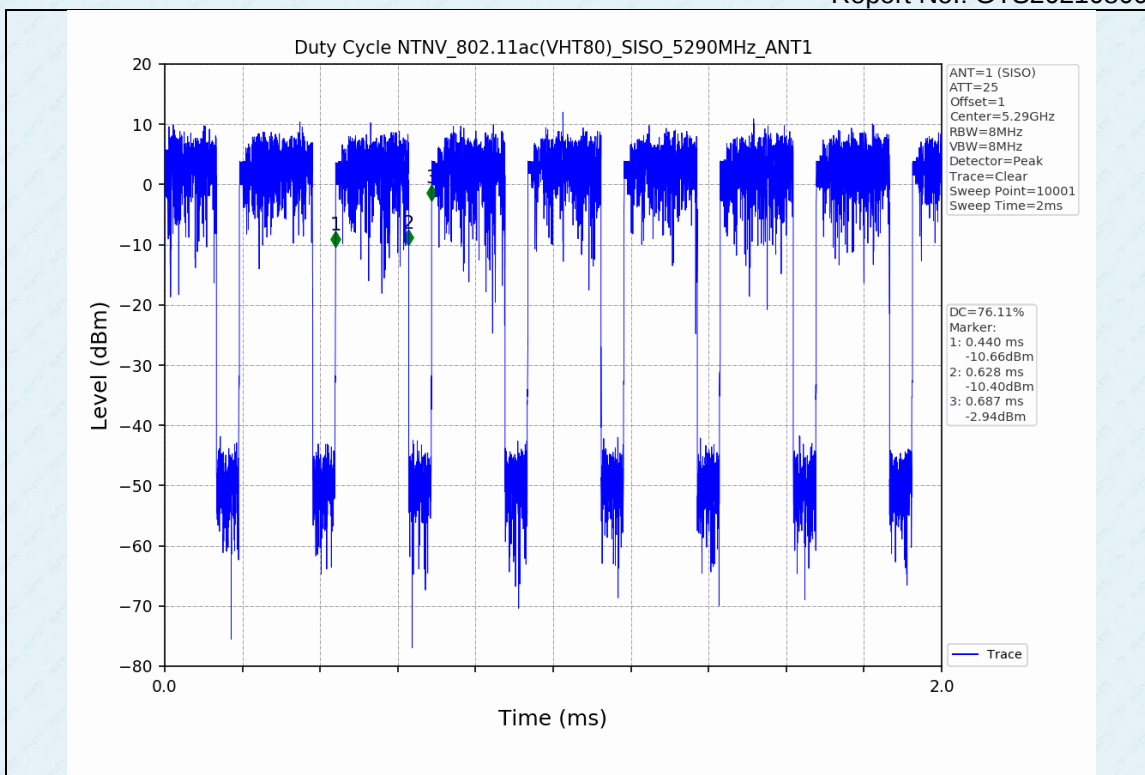


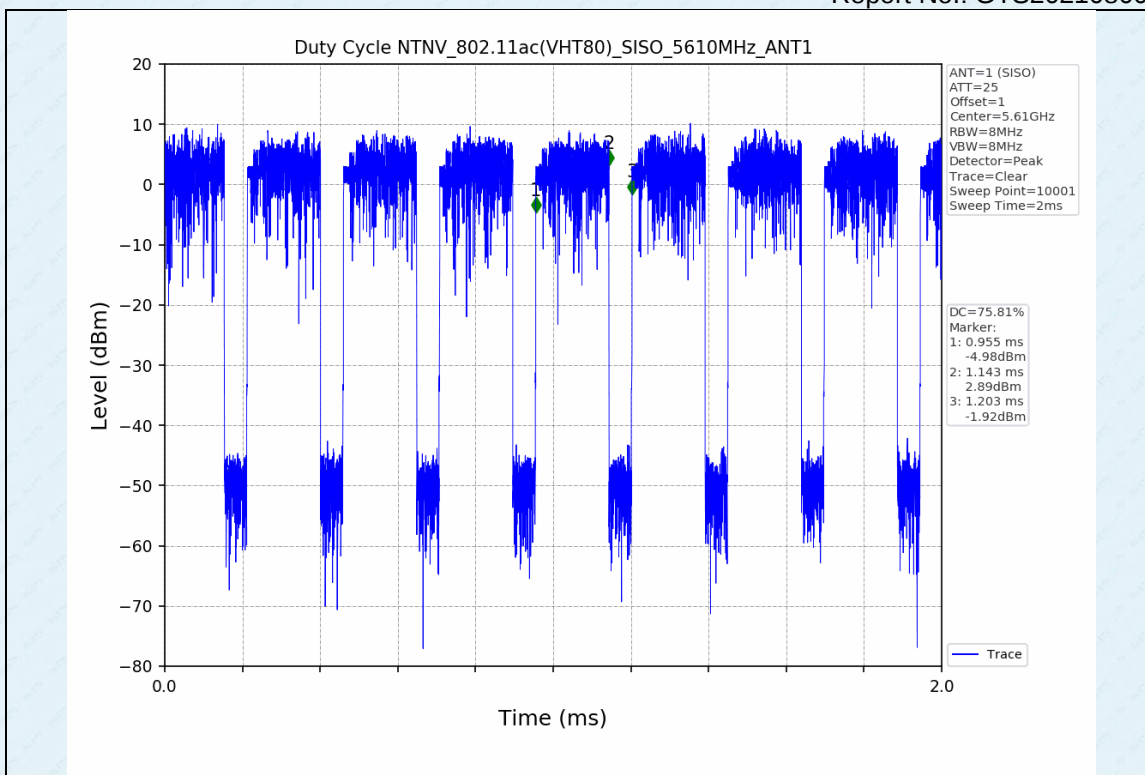












ANT 2:

