

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	1.360	1.396	97.42	0.11
	5240	SISO	1	1.360	1.396	97.42	0.11
	5260	SISO	1	1.360	1.396	97.42	0.11
	5300	SISO	1	1.360	1.396	97.42	0.11
	5320	SISO	1	1.360	1.396	97.42	0.11
	5500	SISO	1	1.391	1.428	97.41	0.11
	5580	SISO	1	1.361	1.397	97.42	0.11
	5600	SISO	1	1.361	1.397	97.42	0.11
	5700	SISO	1	1.360	1.396	97.42	0.11
802.11n(HT20)	5180	SISO	1	1.299	1.335	97.30	0.12
	5200	SISO	1	1.299	1.335	97.30	0.12
	5240	SISO	1	1.299	1.335	97.30	0.12
	5260	SISO	1	1.299	1.335	97.30	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	1.299	1.336	97.23	0.12
	5600	SISO	1	1.299	1.336	97.23	0.12
	5700	SISO	1	1.300	1.336	97.31	0.12
802.11n(HT40)	5190	SISO	1	0.619	0.652	94.94	0.23
	5230	SISO	1	0.618	0.651	94.93	0.23
	5270	SISO	1	0.618	0.651	94.93	0.23
	5310	SISO	1	0.618	0.651	94.93	0.23
	5510	SISO	1	0.618	0.652	94.79	0.23
	5550	SISO	1	0.618	0.652	94.79	0.23
	5590	SISO	1	0.618	0.651	94.93	0.23
	5670	SISO	1	0.618	0.651	94.93	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	0.648	0.683	94.88	0.23
	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
	5700	SISO	1	0.649	0.683	95.02	0.22
802.11ac(VHT40)	5190	SISO	1	0.352	0.387	90.96	0.41
	5230	SISO	1	0.352	0.415	84.82	0.72
	5270	SISO	1	0.352	0.387	90.96	0.41
	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	0.351	0.386	90.93	0.41
	5670	SISO	1	0.352	0.406	86.70	0.62
802.11ac(VHT80)	5210	SISO	1	0.188	0.665	28.27	5.49
	5290	SISO	1	0.188	0.664	28.31	5.48
	5530	SISO	1	0.188	0.664	28.31	5.48
	5610	SISO	1	0.188	0.664	28.31	5.48

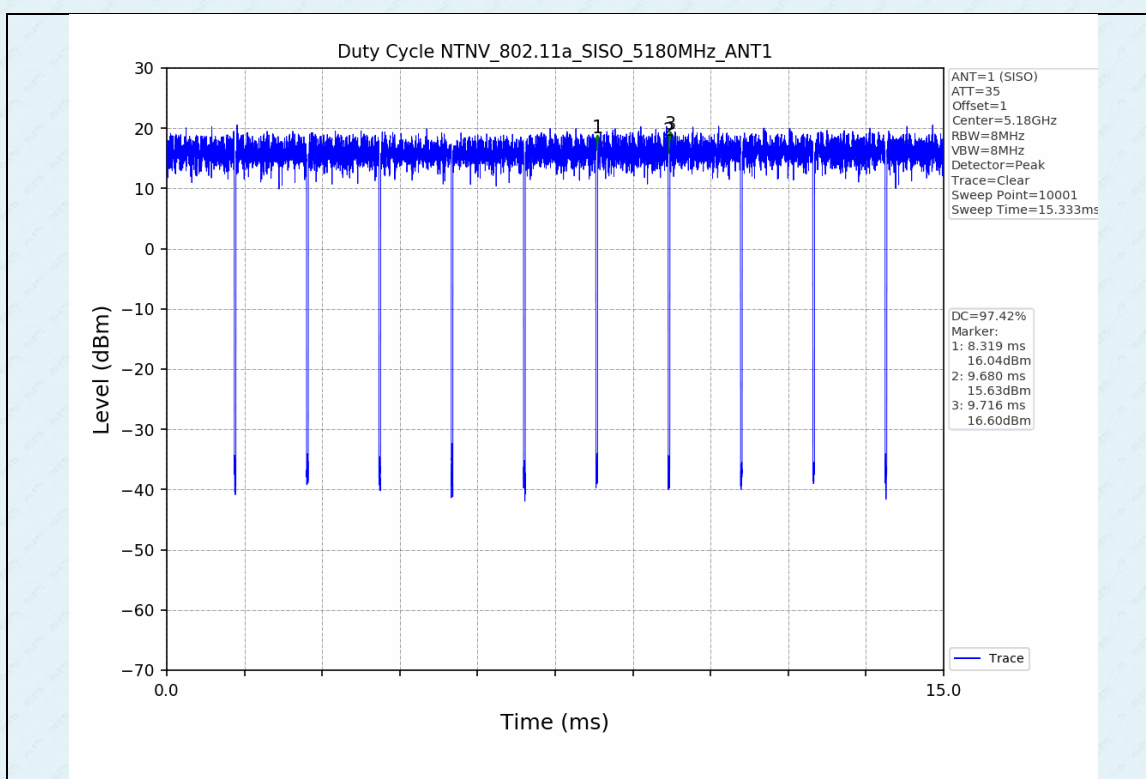
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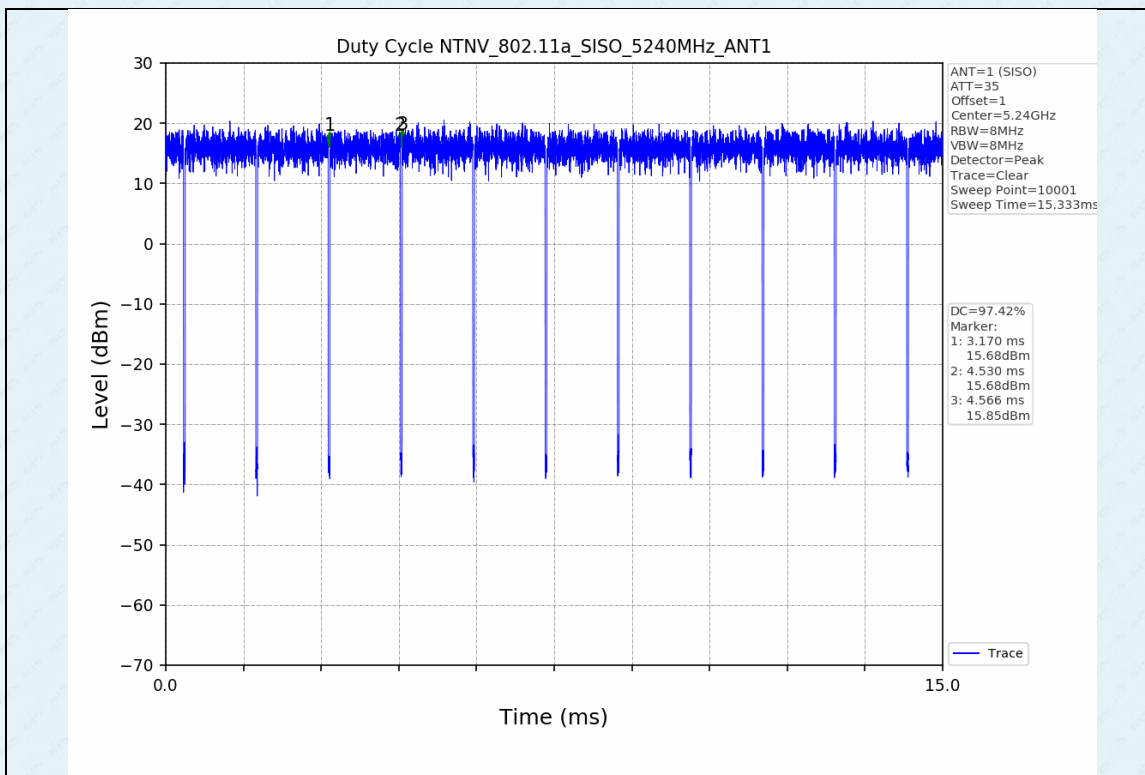
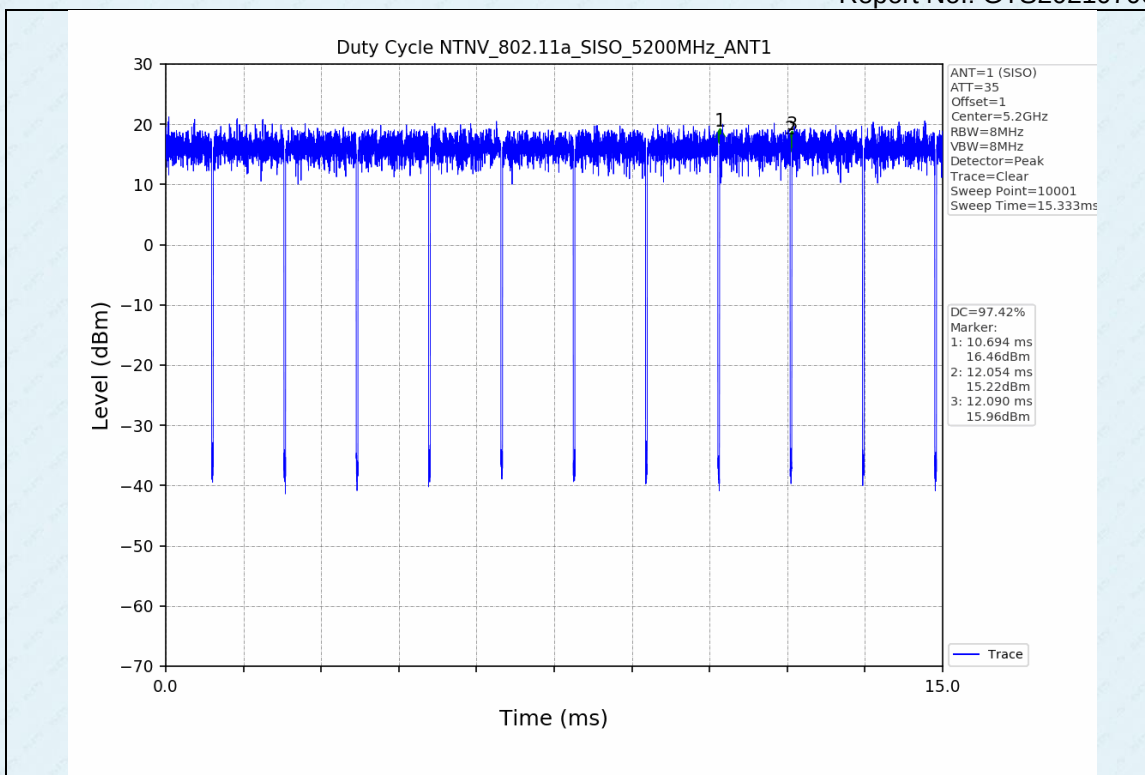
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.288	1.324	97.28	0.12
	5200	SISO	1	1.286	1.323	97.20	0.12
	5240	SISO	1	1.288	1.325	97.21	0.12
	5260	SISO	1	1.286	1.323	97.20	0.12
	5300	SISO	1	1.286	1.323	97.20	0.12
	5320	SISO	1	1.360	1.396	97.42	0.11
	5500	SISO	1	1.360	1.396	97.42	0.11
	5580	SISO	1	1.361	1.395	97.56	0.11
	5600	SISO	1	1.361	1.397	97.42	0.11
802.11n(HT20)	5180	SISO	1	1.287	1.323	97.28	0.12
	5200	SISO	1	1.287	1.323	97.28	0.12
	5240	SISO	1	1.288	1.324	97.28	0.12
	5260	SISO	1	1.286	1.323	97.20	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	1.287	1.323	97.28	0.12
	5580	SISO	1	1.287	1.323	97.28	0.12
	5600	SISO	1	1.287	1.323	97.28	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	0.607	0.640	94.84	0.23
	5510	SISO	1	0.607	0.641	94.70	0.24
	5550	SISO	1	0.607	0.641	94.70	0.24
	5590	SISO	1	0.608	0.641	94.85	0.23
	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	0.648	0.683	94.88	0.23
	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	0.683	95.02	0.22
	5600	SISO	1	0.649	0.683	95.02	0.22
802.11ac(VHT40)	5190	SISO	1	0.352	0.387	90.96	0.41
	5230	SISO	1	0.352	0.405	86.91	0.61
	5270	SISO	1	0.352	0.387	90.96	0.41
	5310	SISO	1	0.352	0.387	90.96	0.41
	5510	SISO	1	0.352	0.388	90.72	0.42

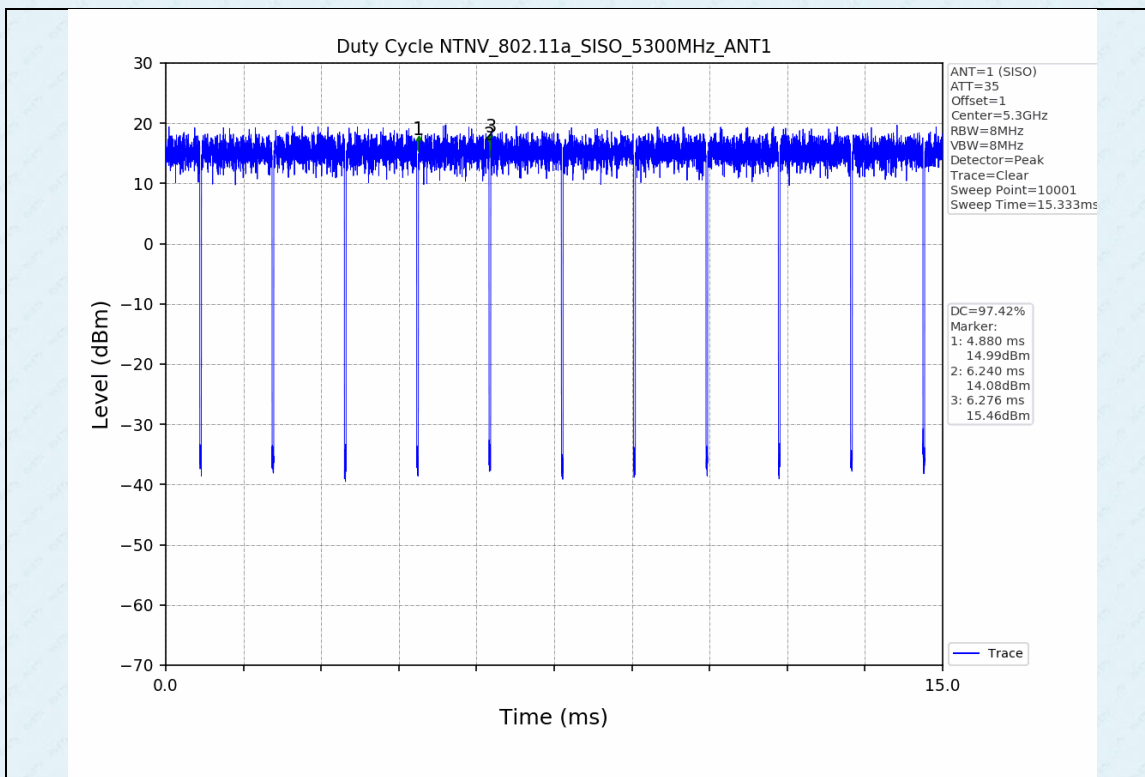
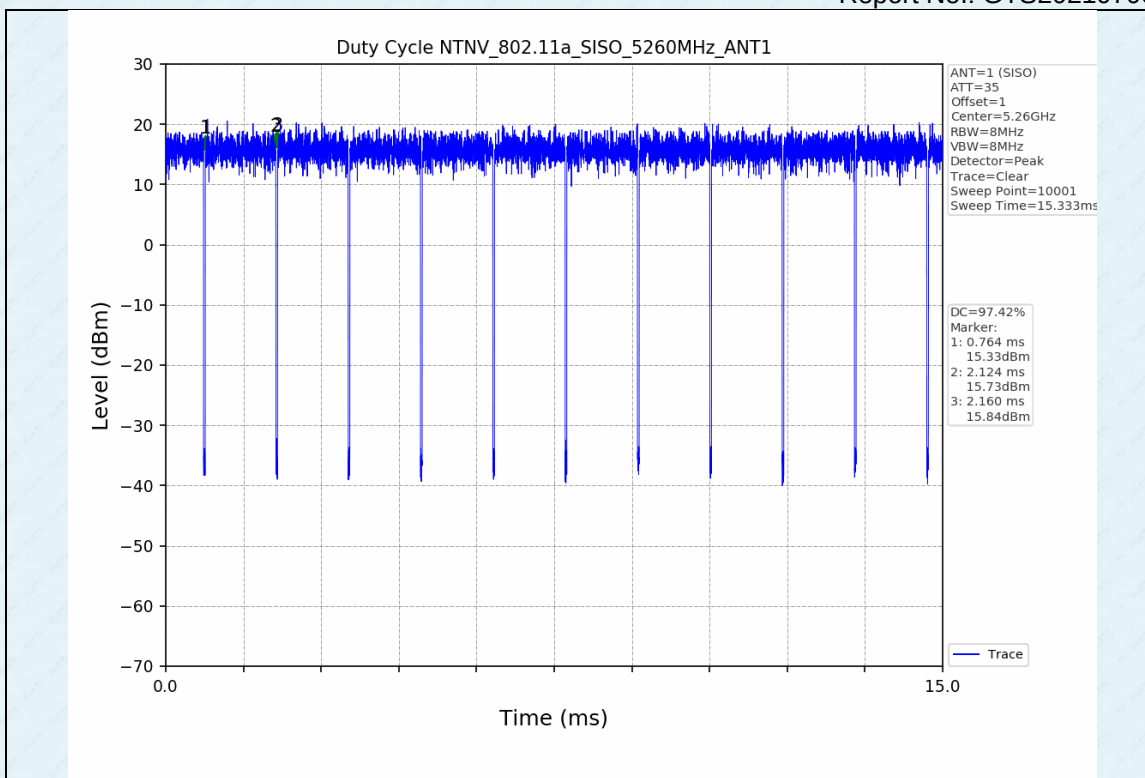
802.11ac(VHT80)	5550	SISO	1	0.352	0.404	87.13	0.60
	5590	SISO	1	0.352	0.387	90.96	0.41
	5670	SISO	1	0.352	0.388	90.72	0.42
	5210	SISO	1	0.188	0.673	27.93	5.54
	5290	SISO	1	0.188	0.665	28.27	5.49
	5530	SISO	1	0.188	0.664	28.31	5.48
	5610	SISO	1	0.188	0.665	28.27	5.49

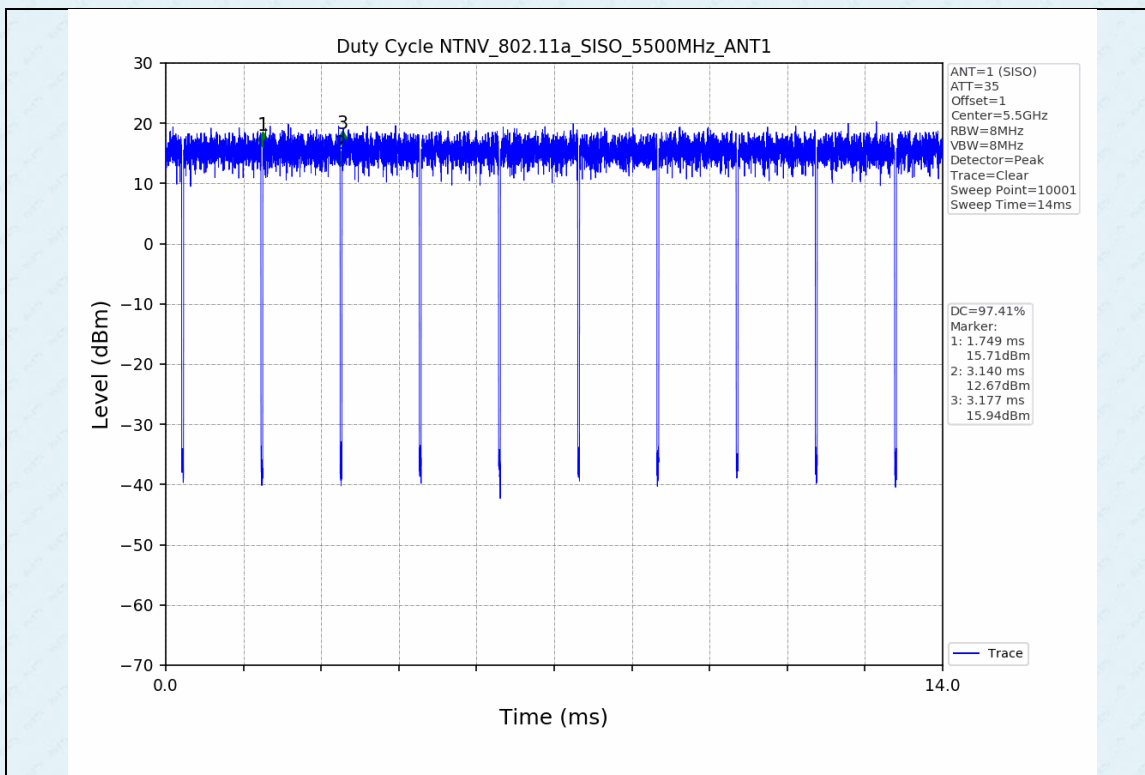
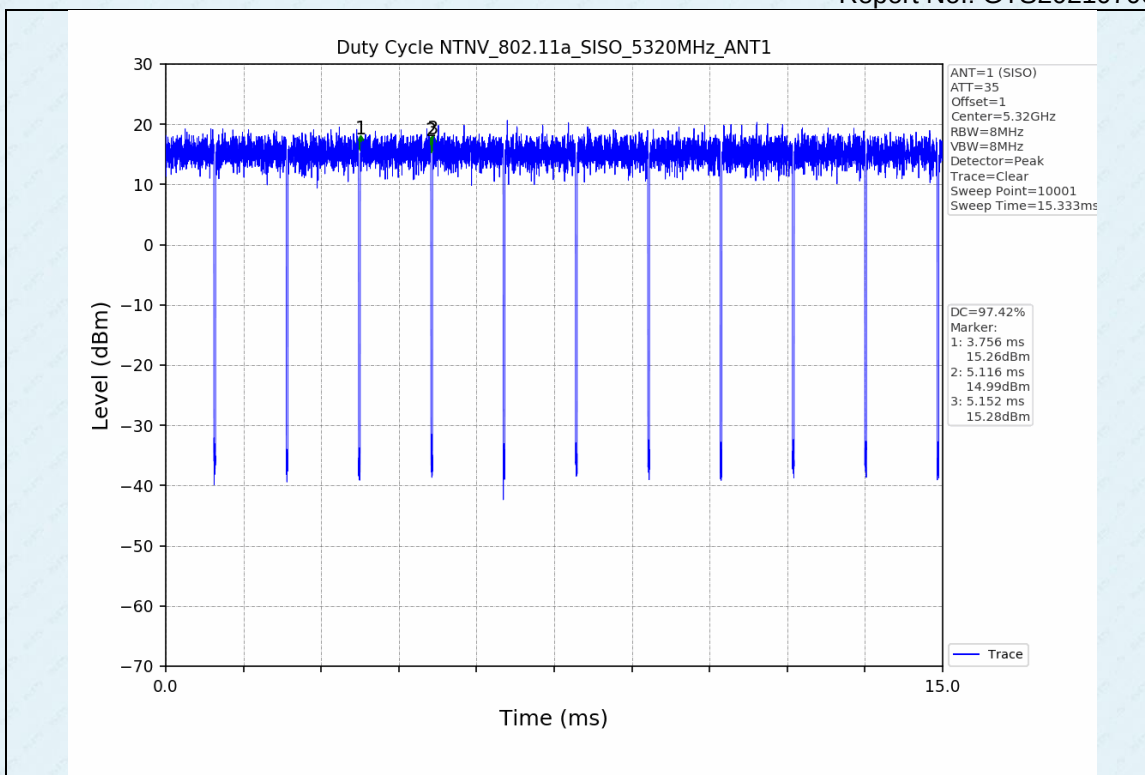
1.2 Test Graph

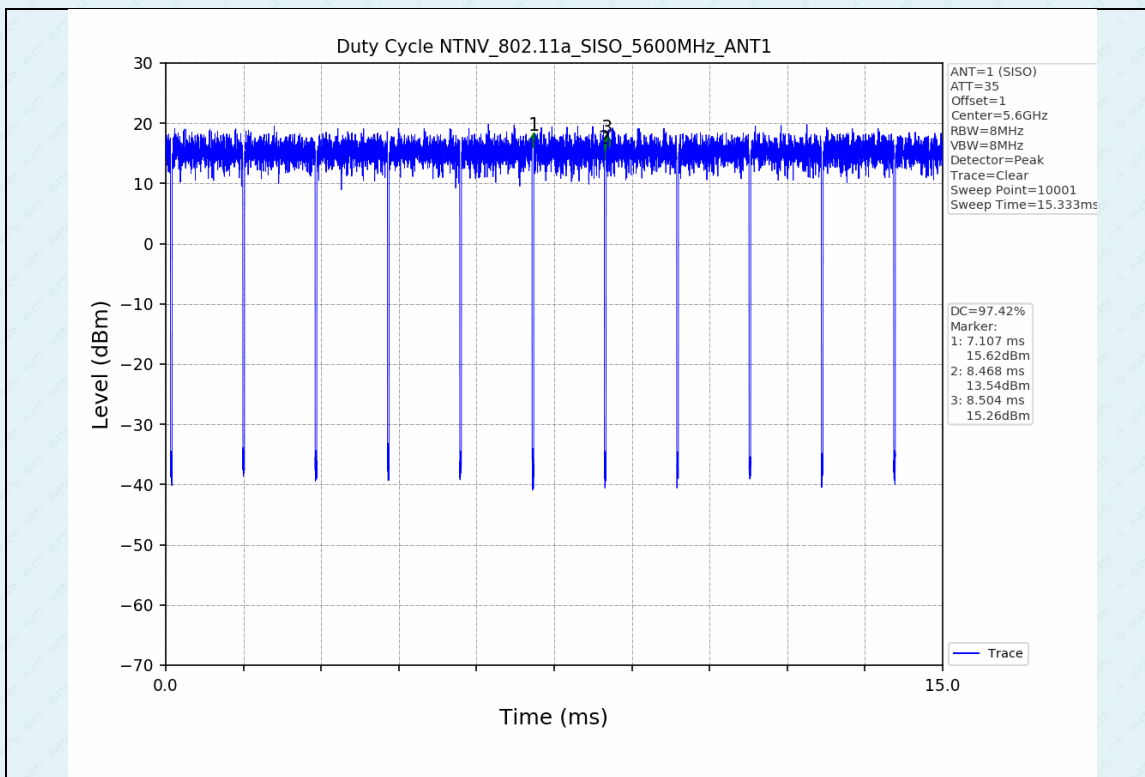
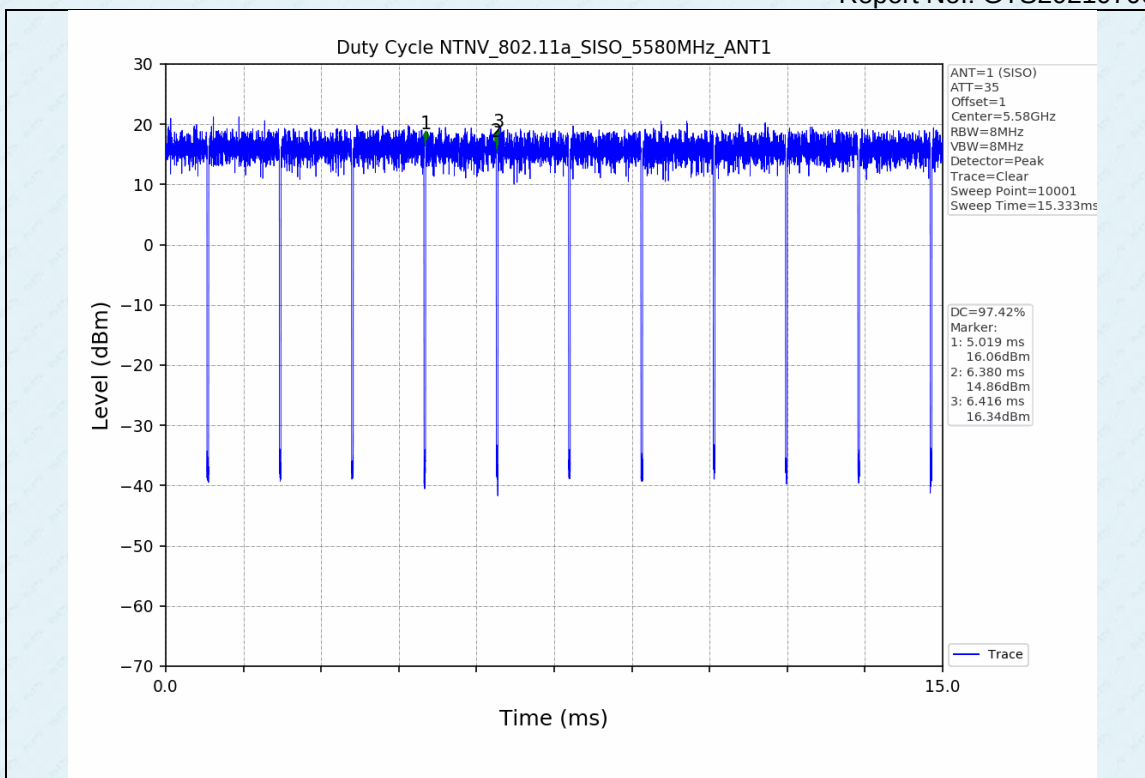
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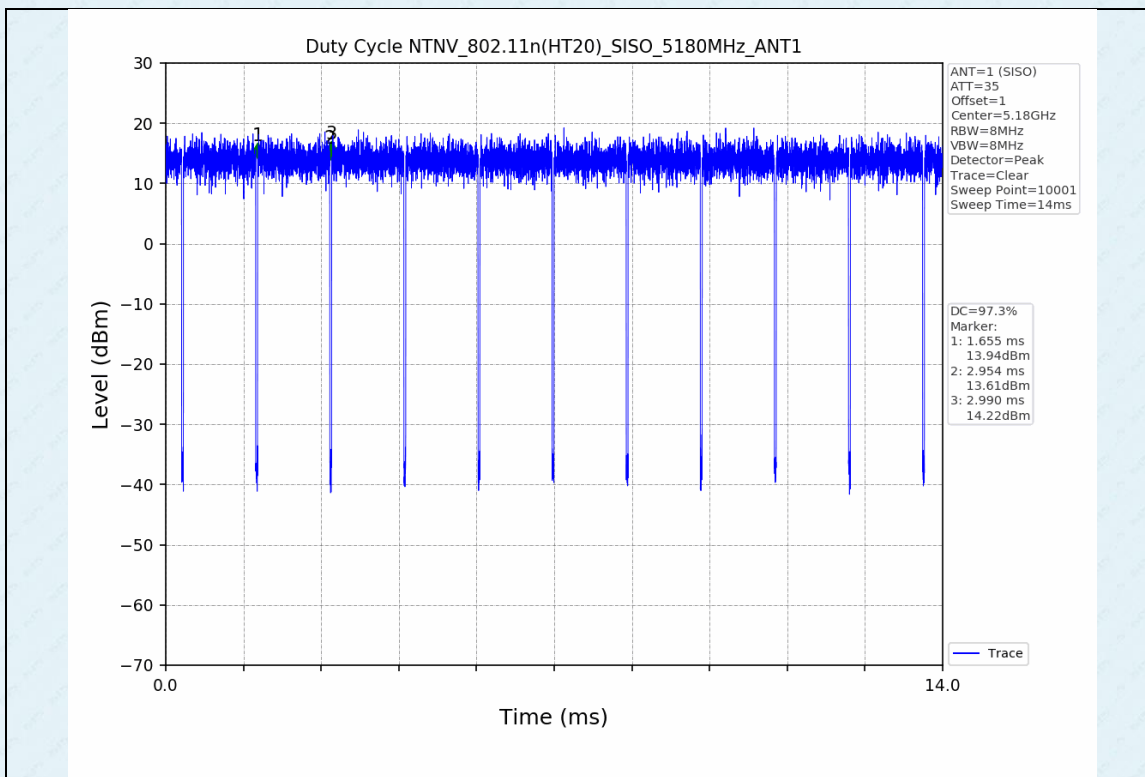
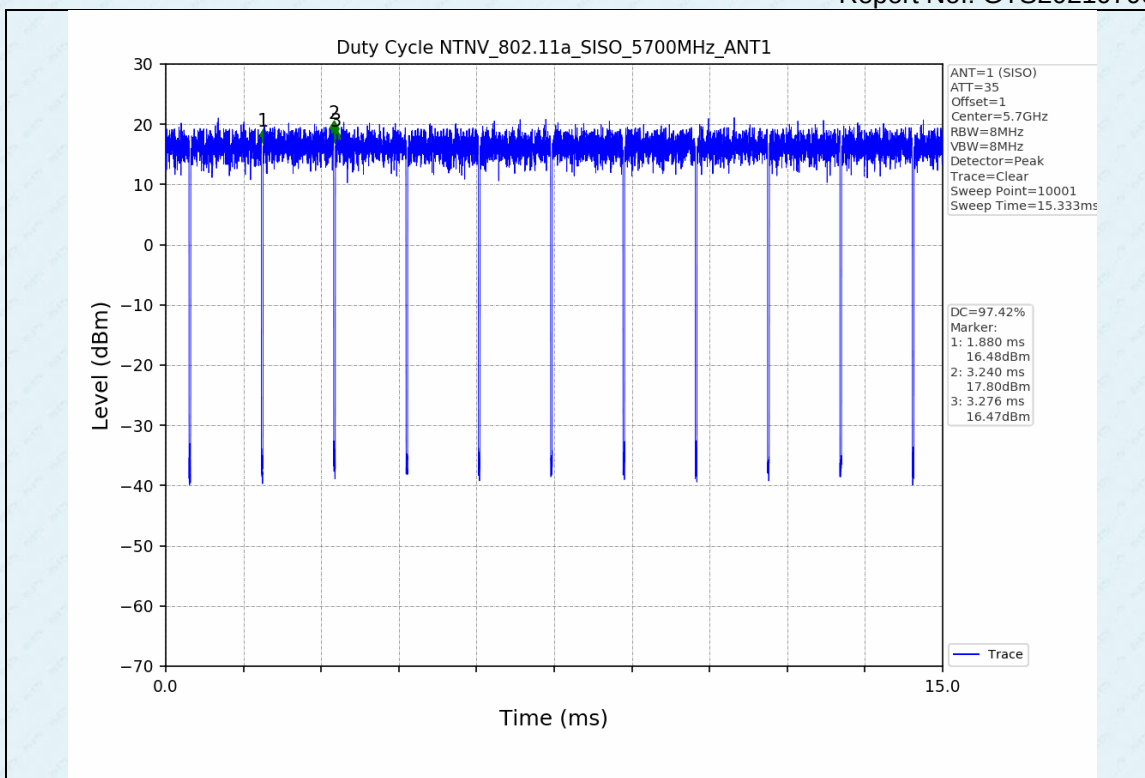


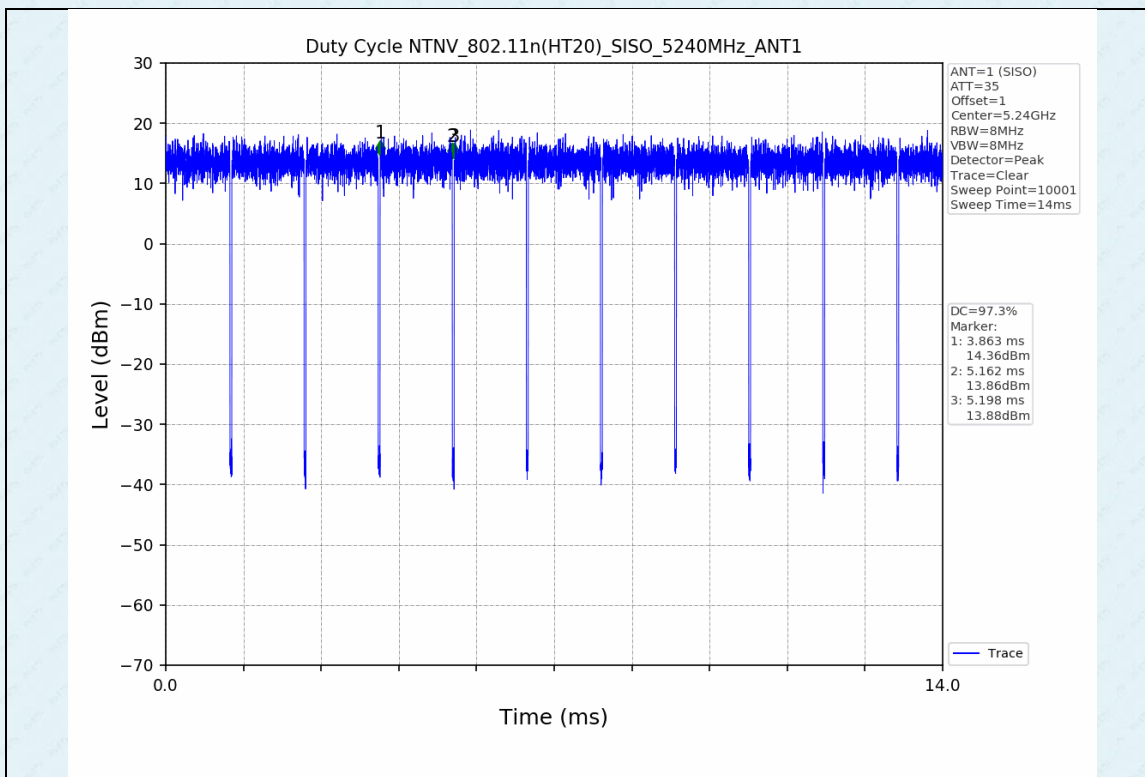
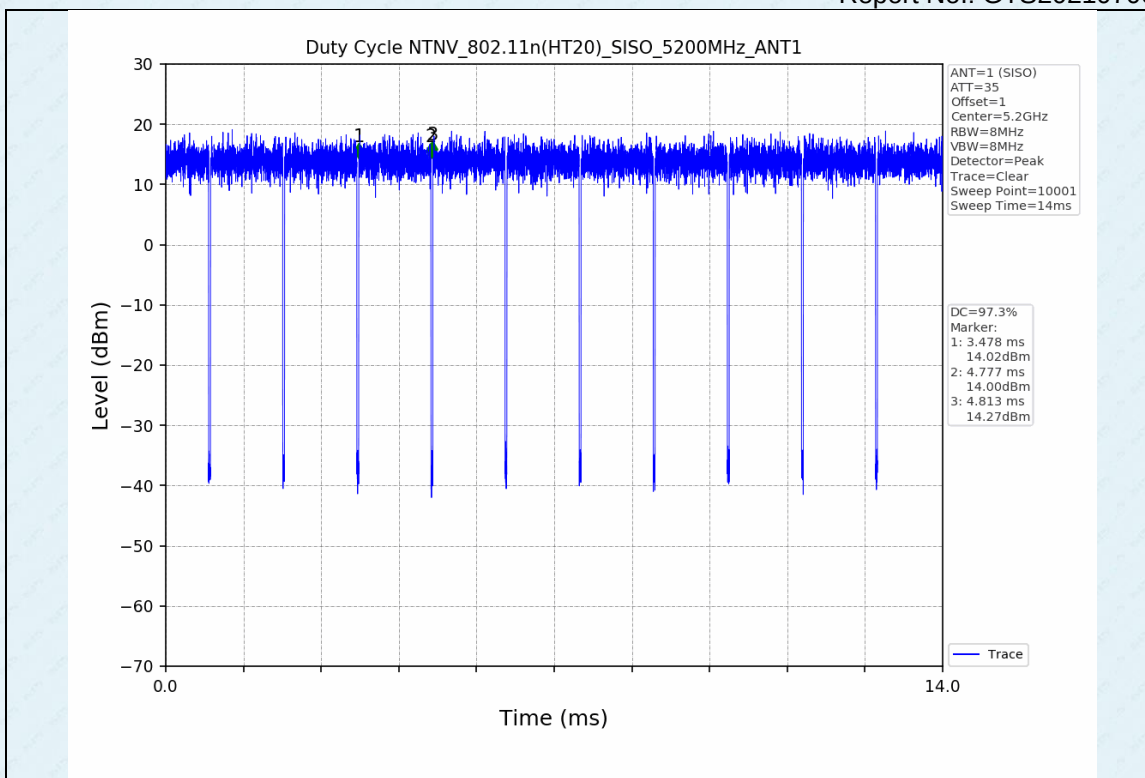


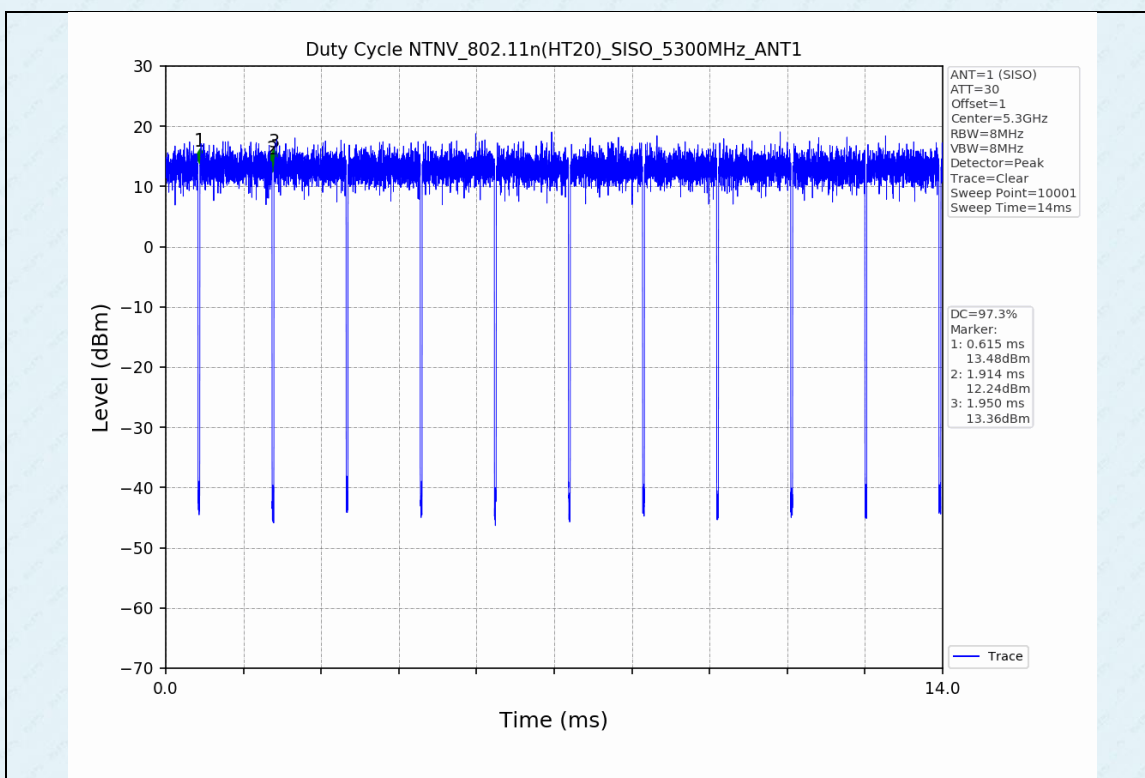
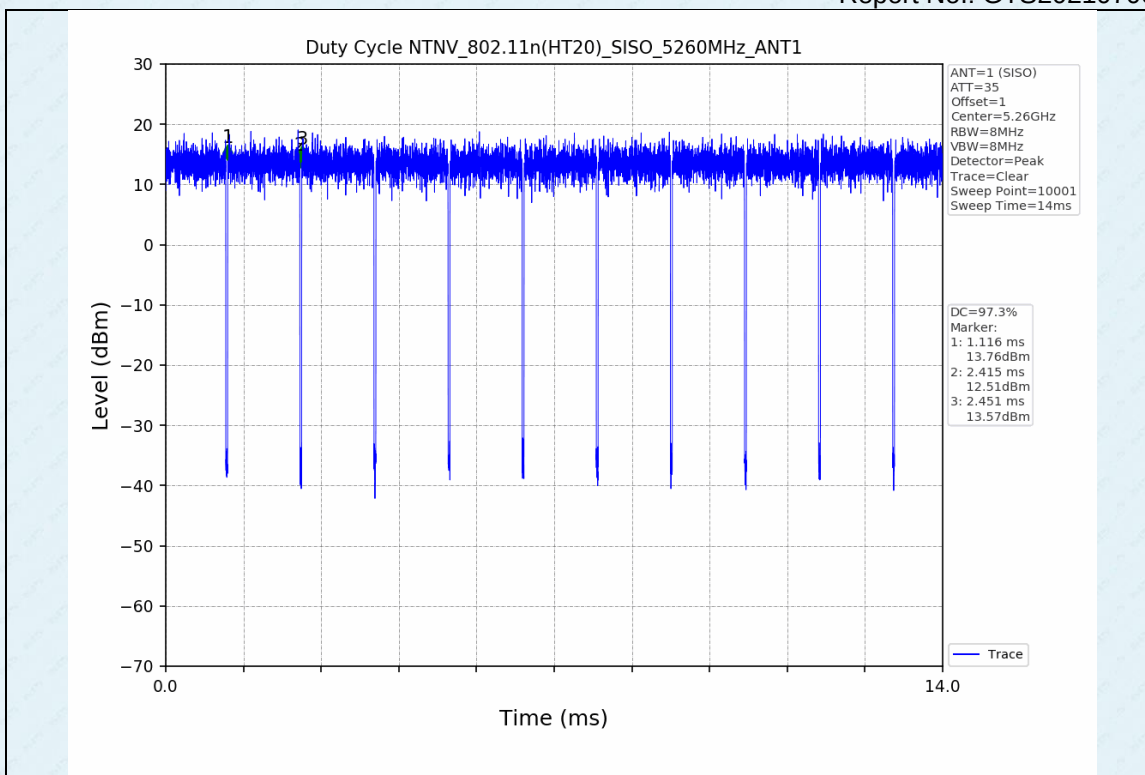


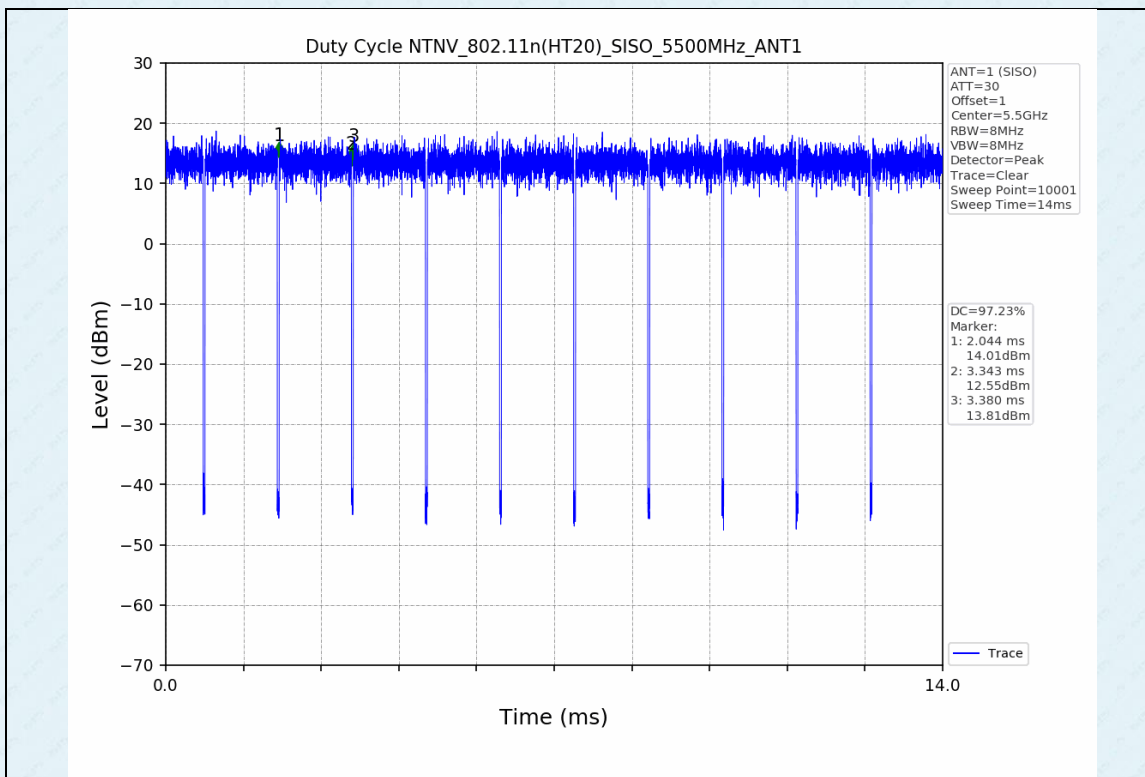
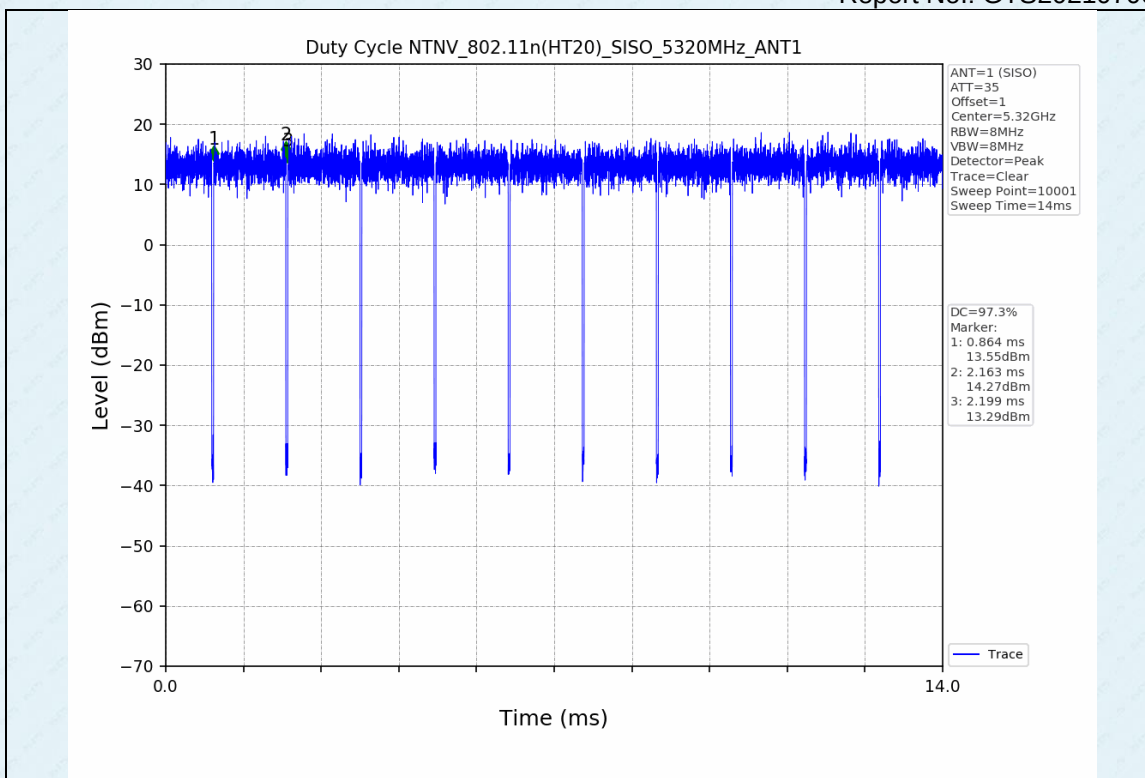


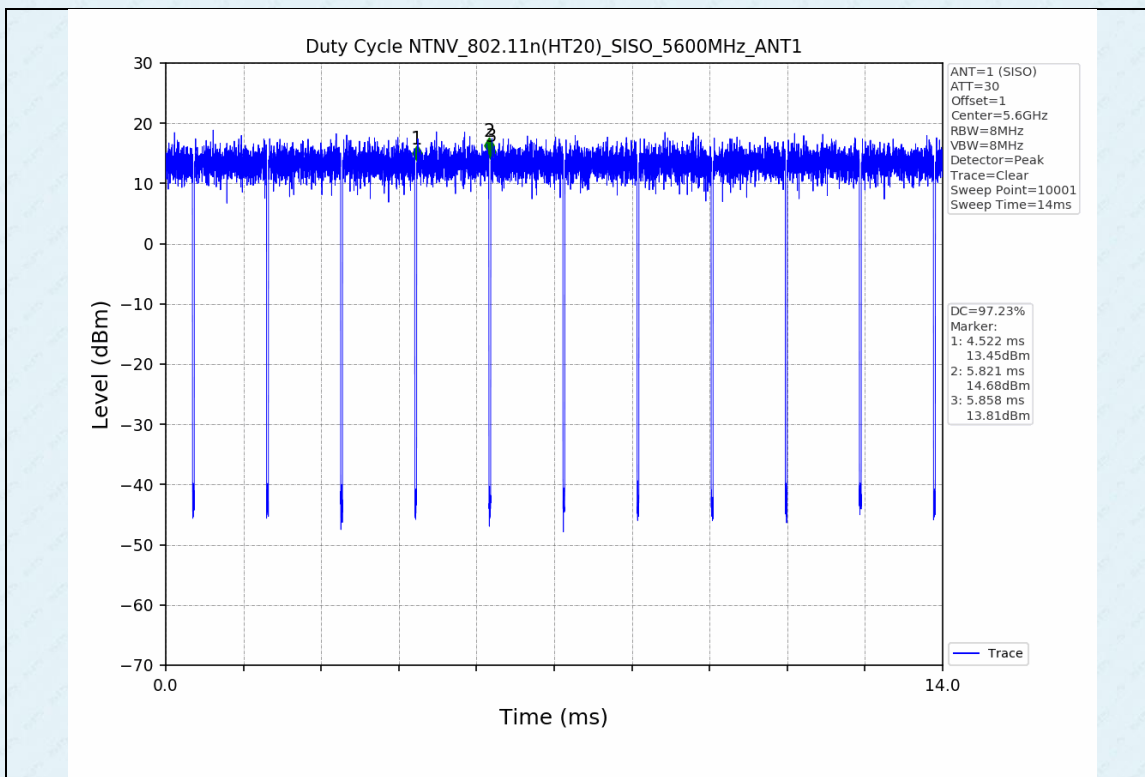
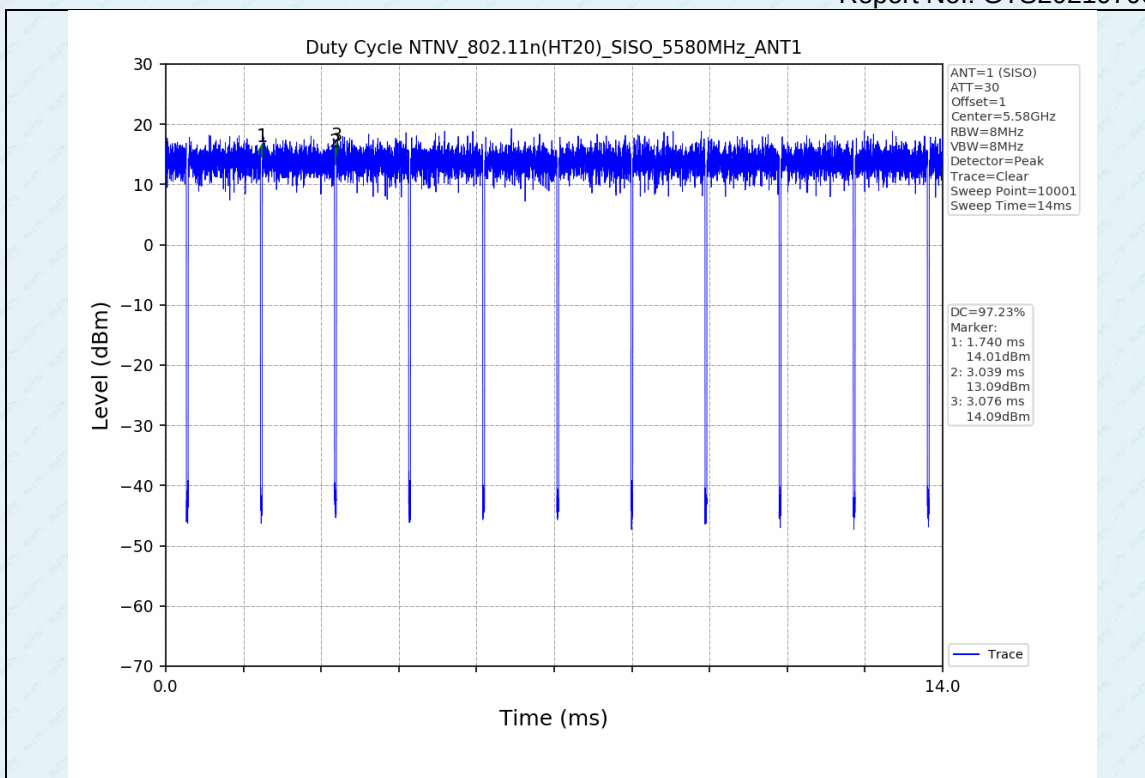


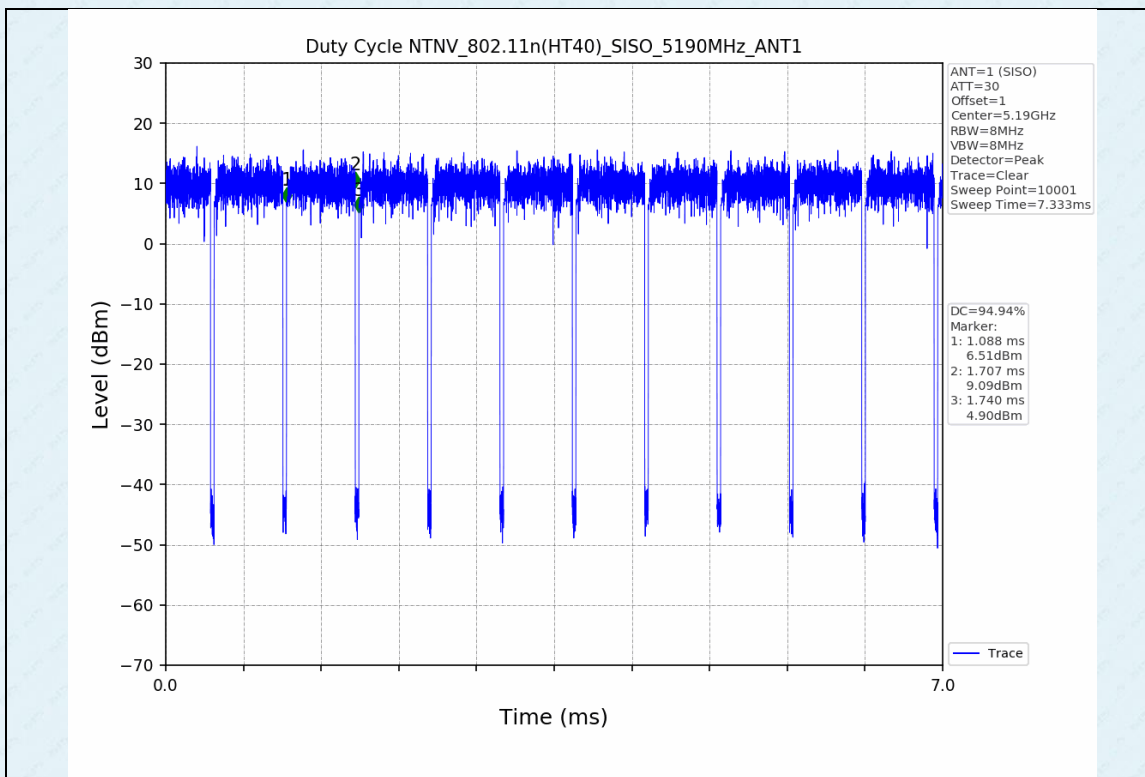
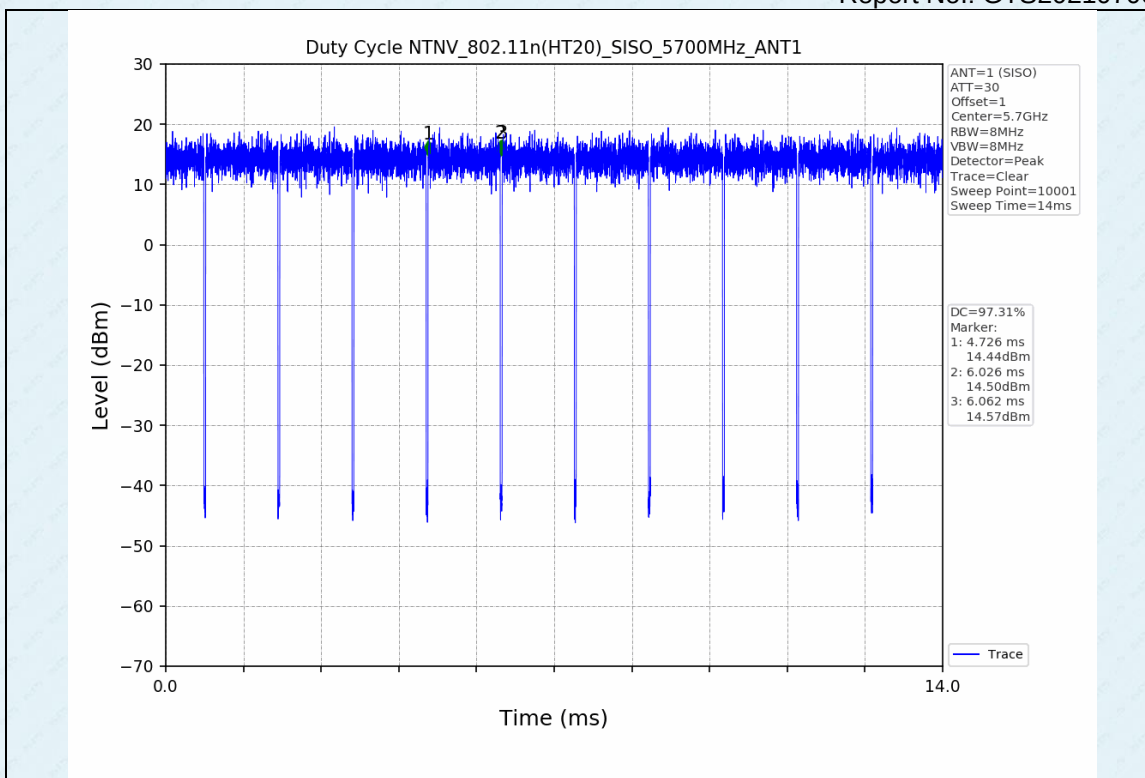


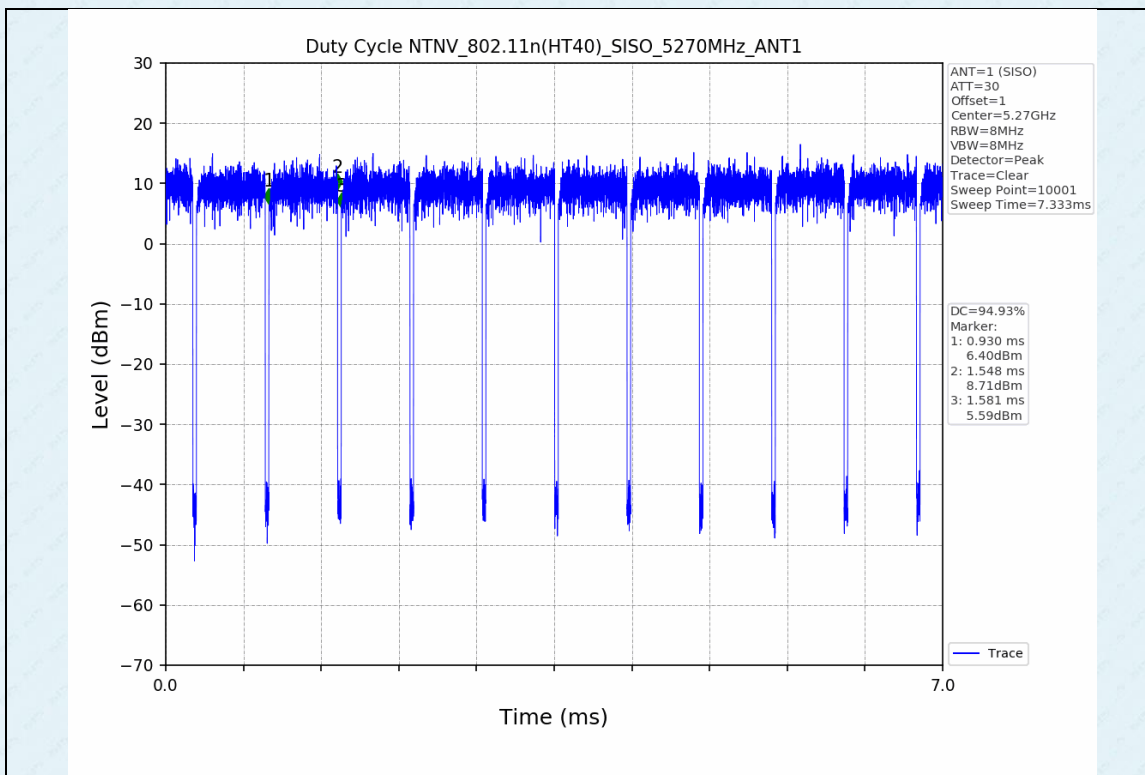
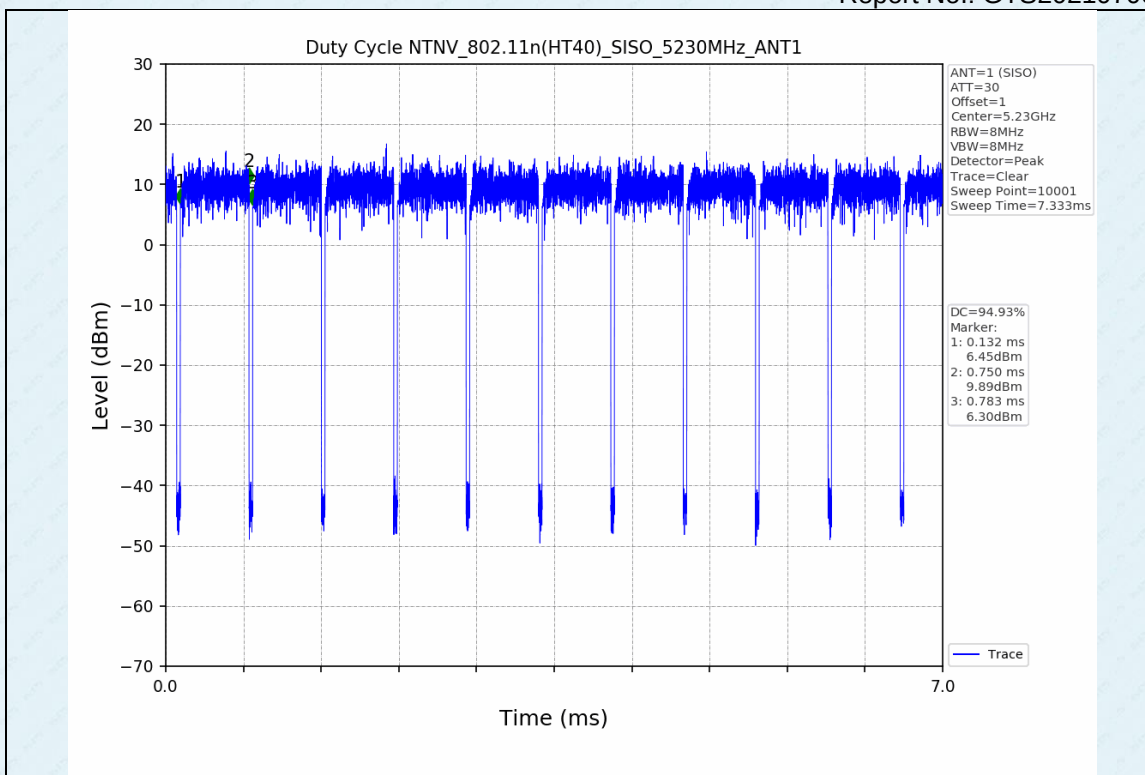


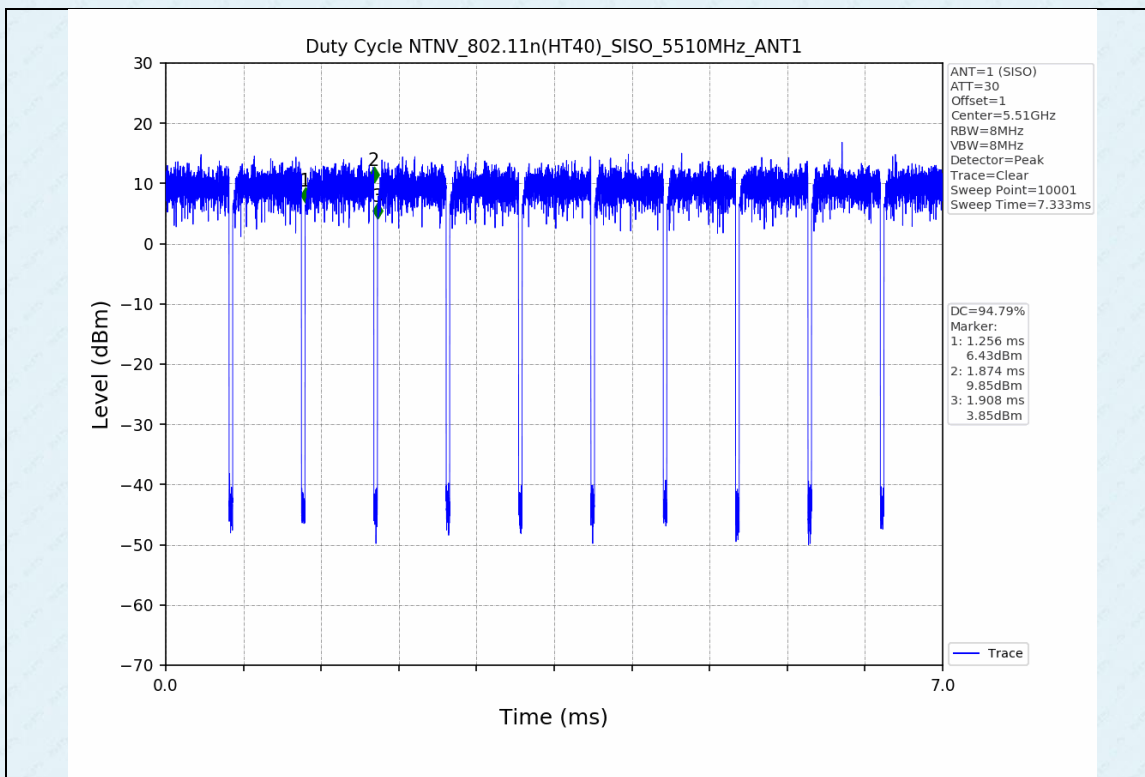
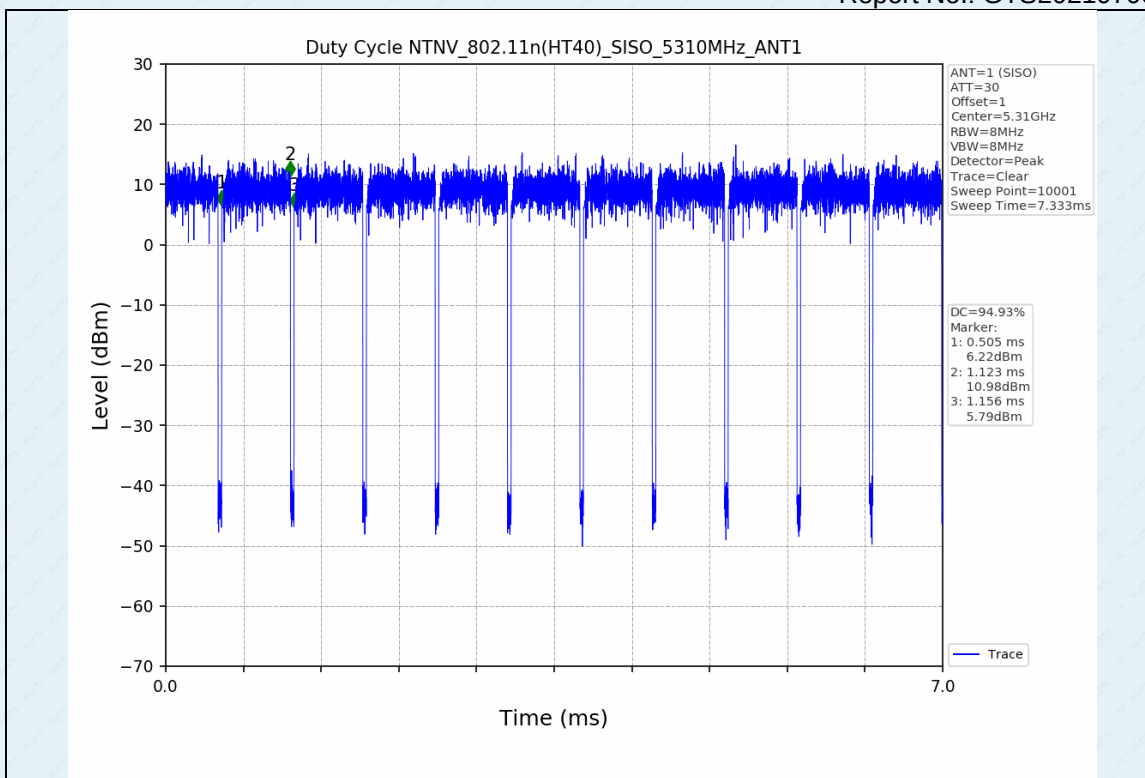


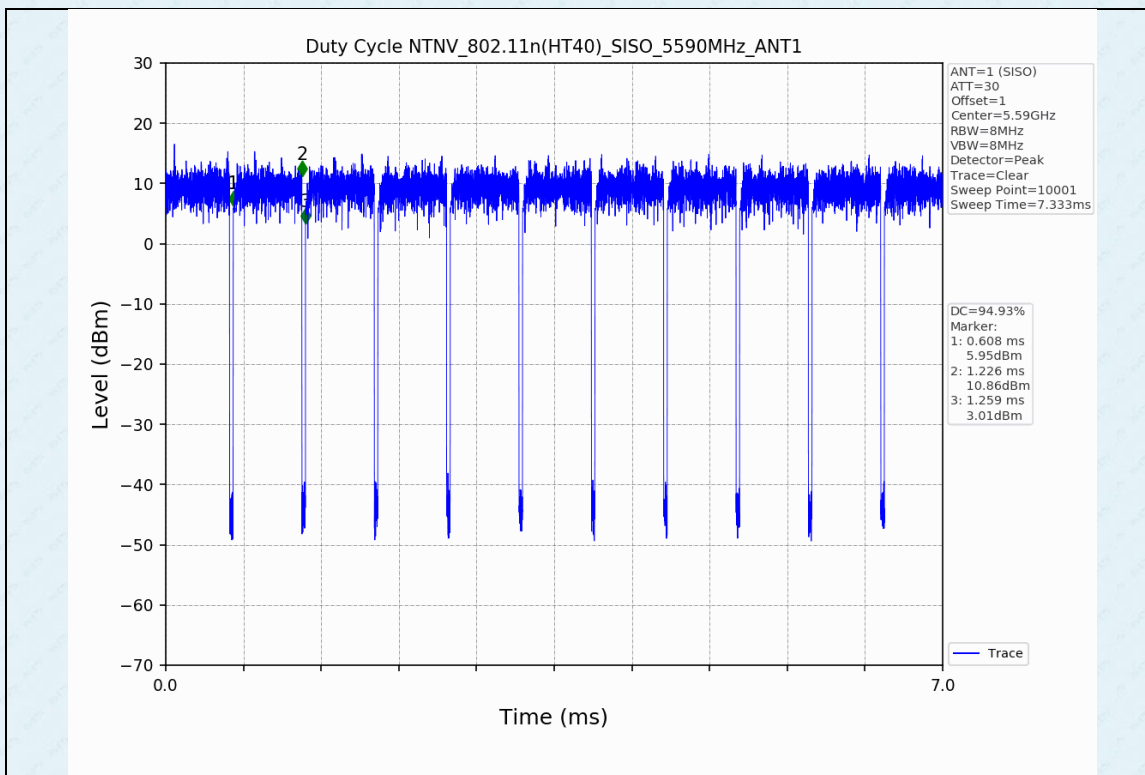
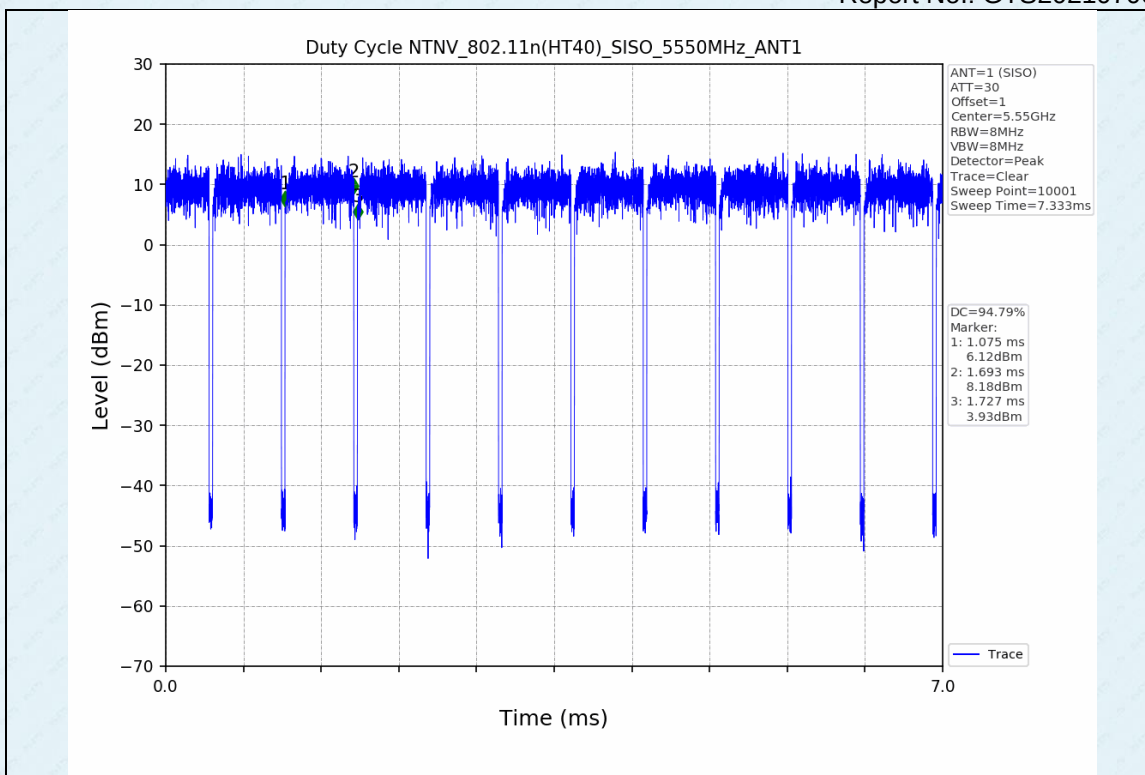


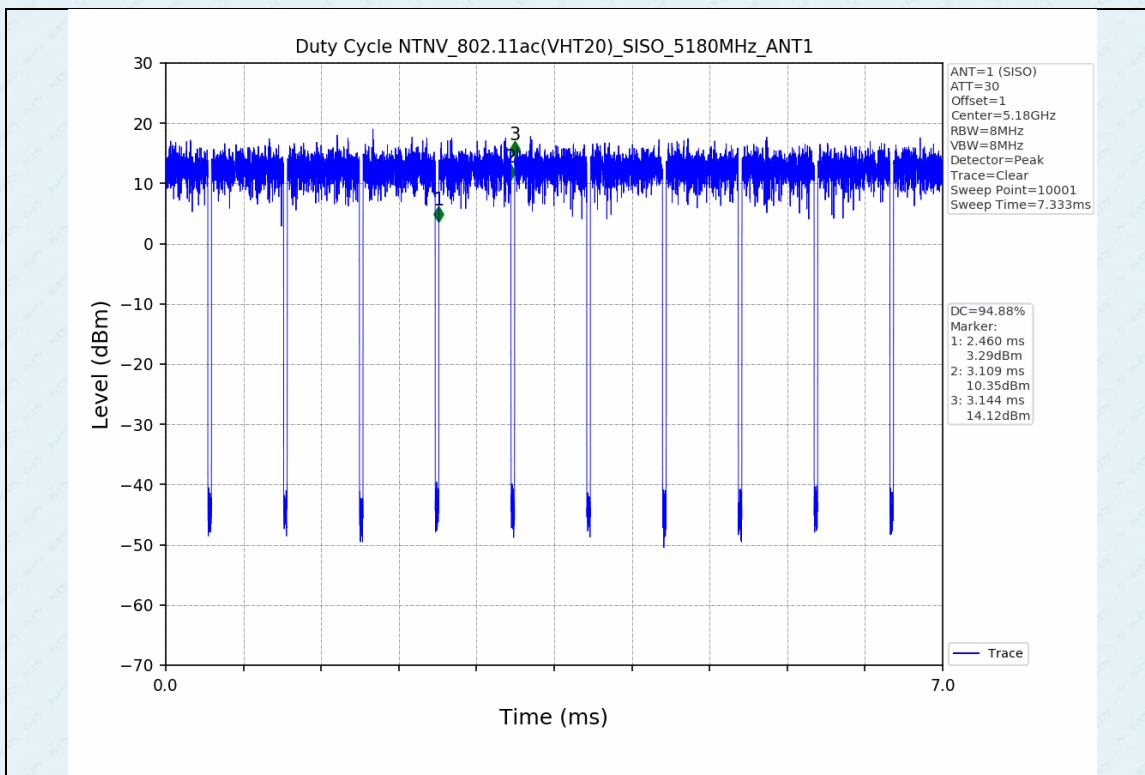
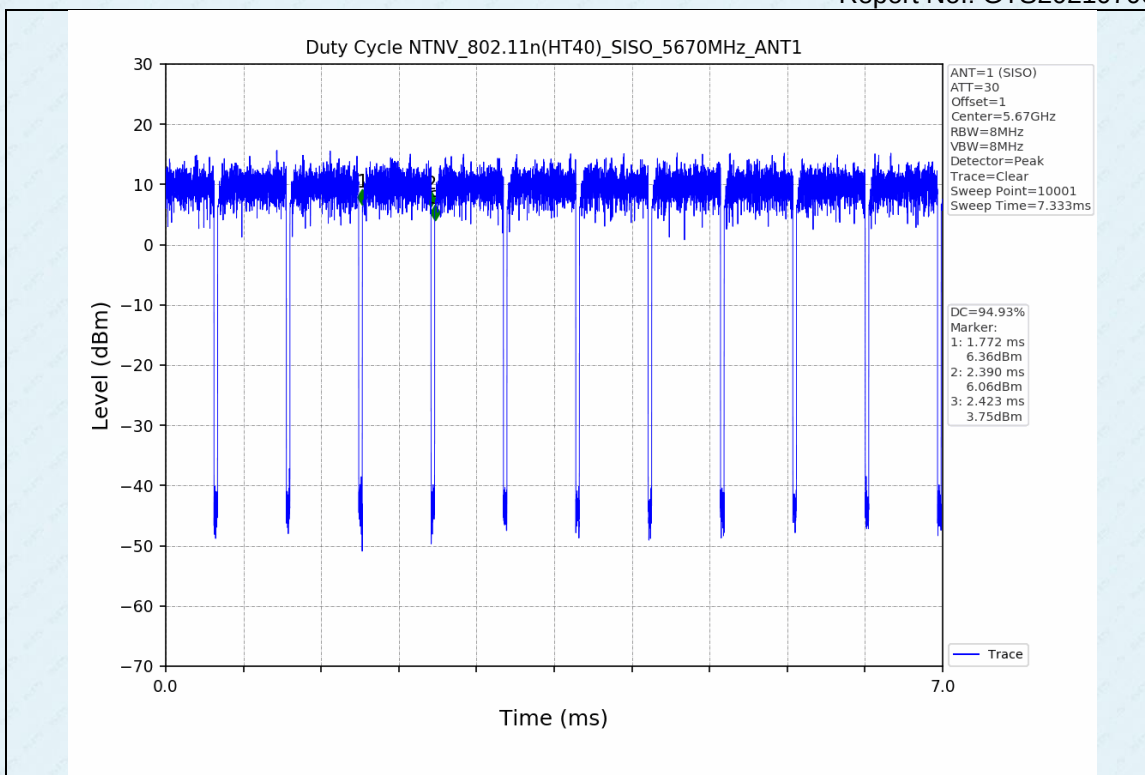


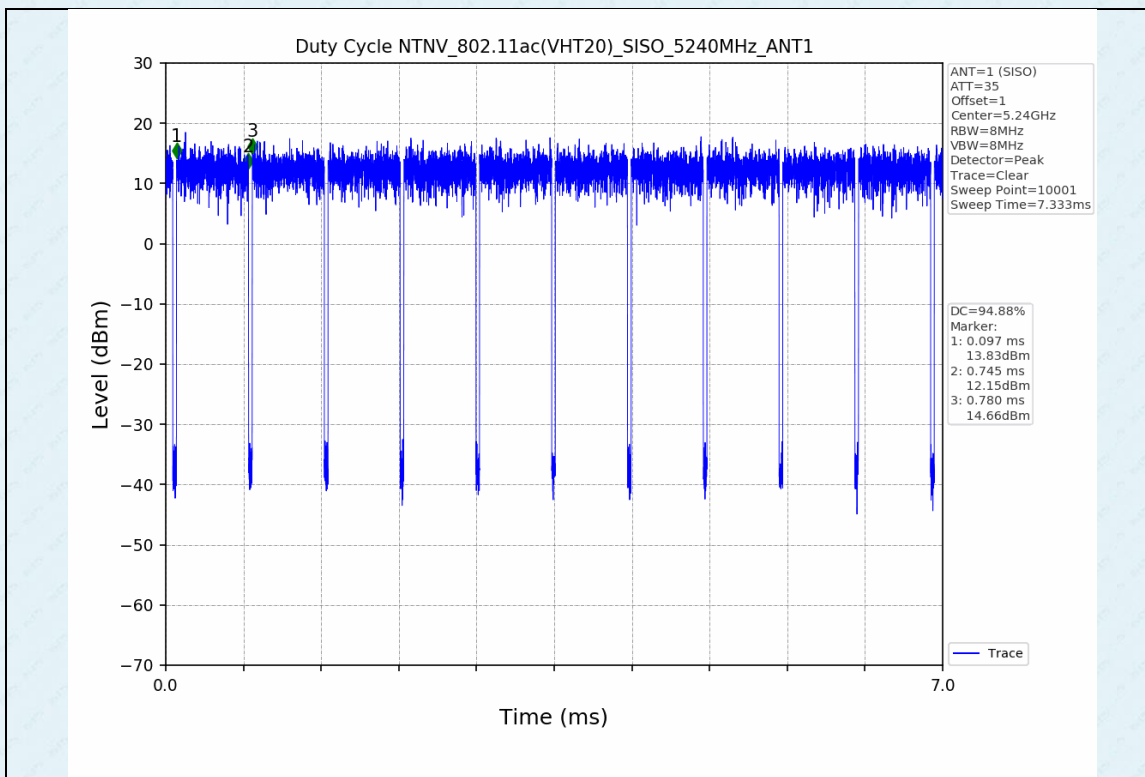
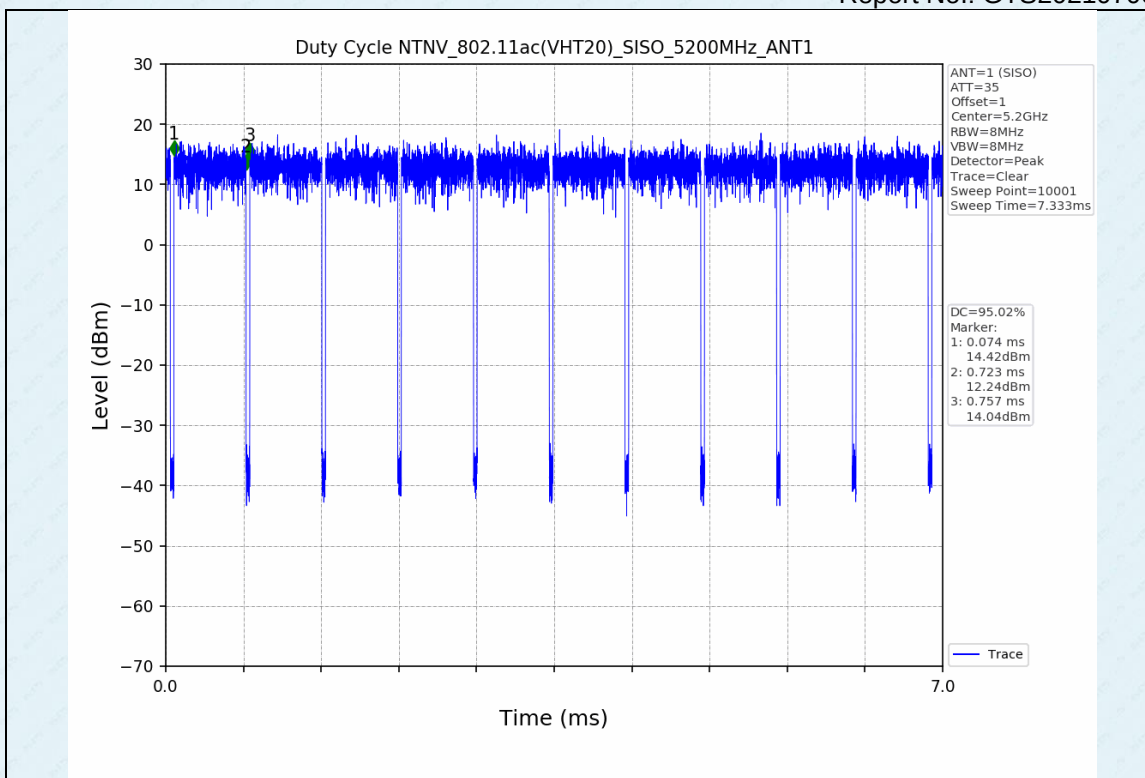


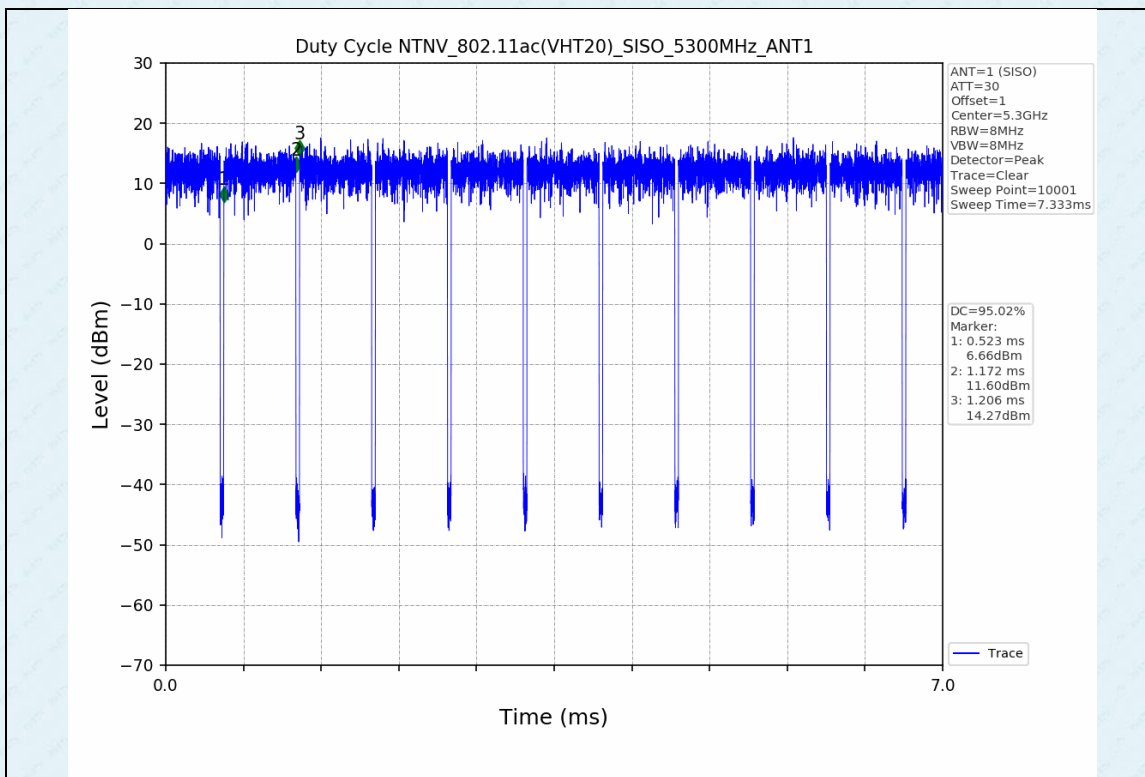
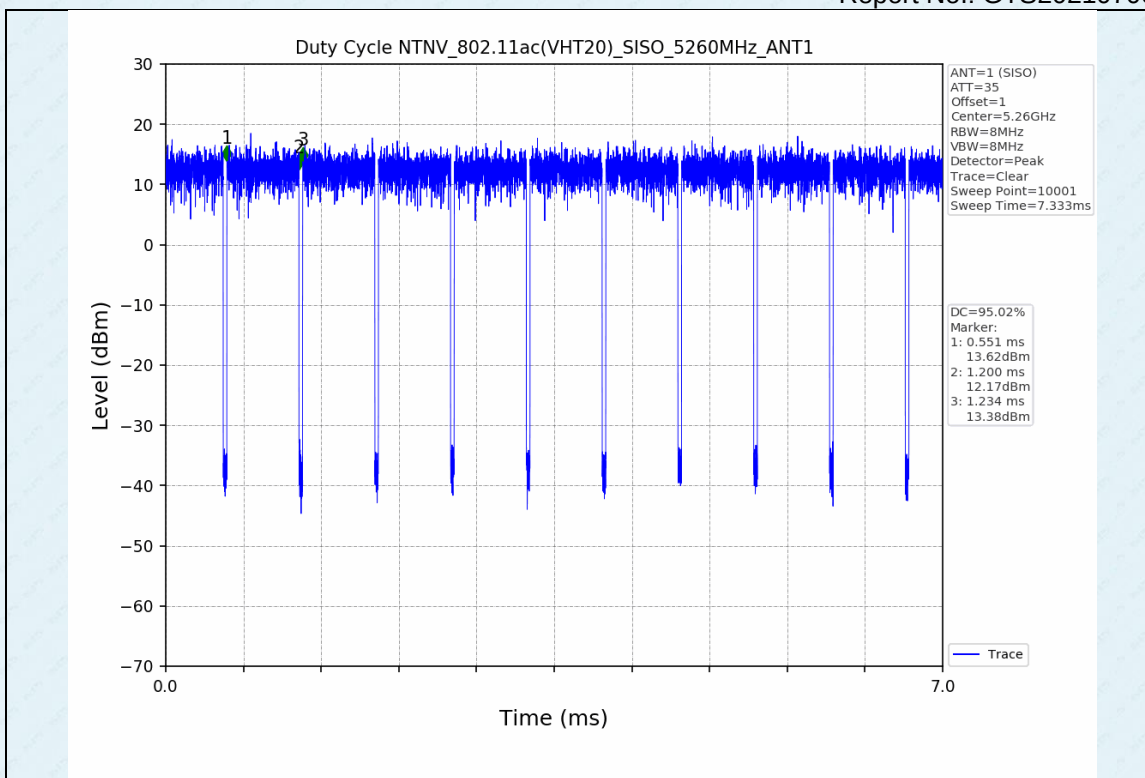


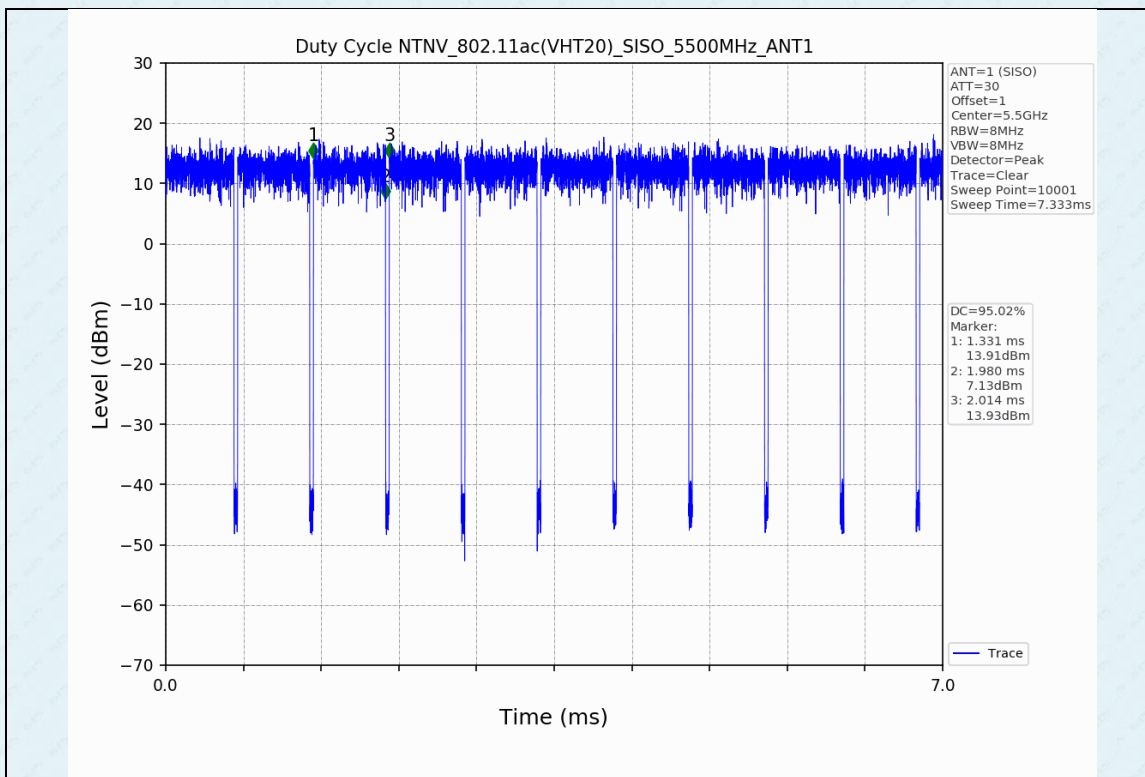
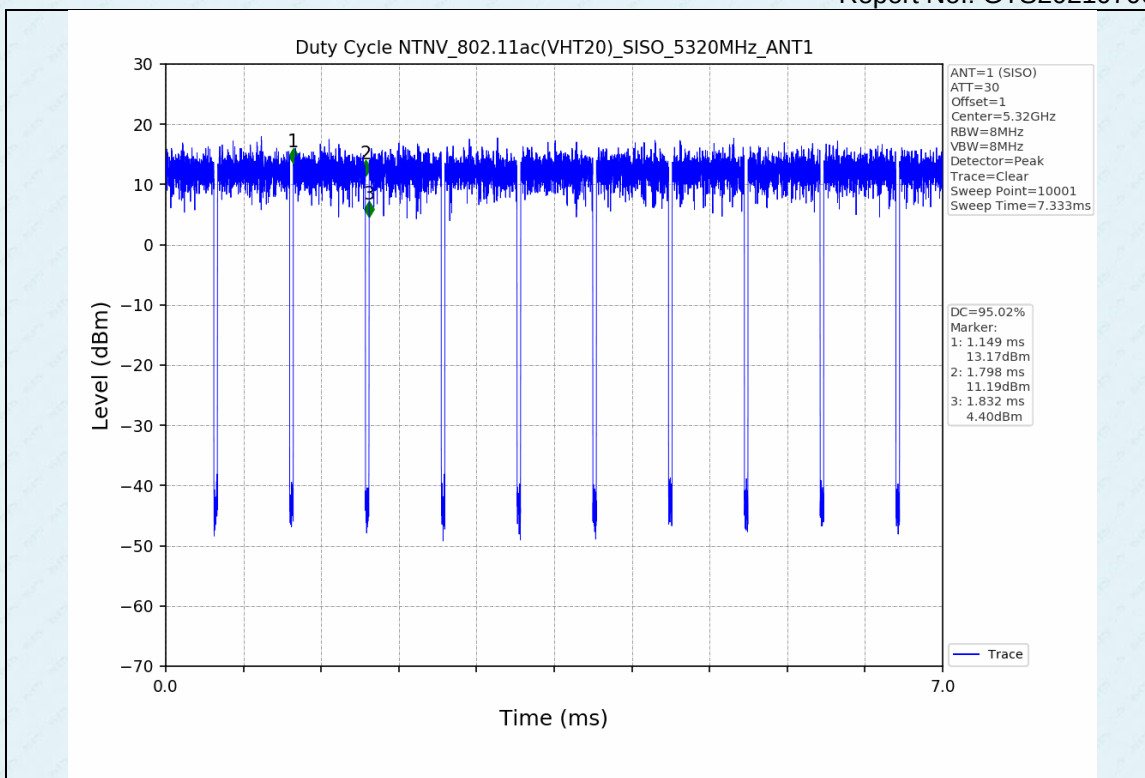


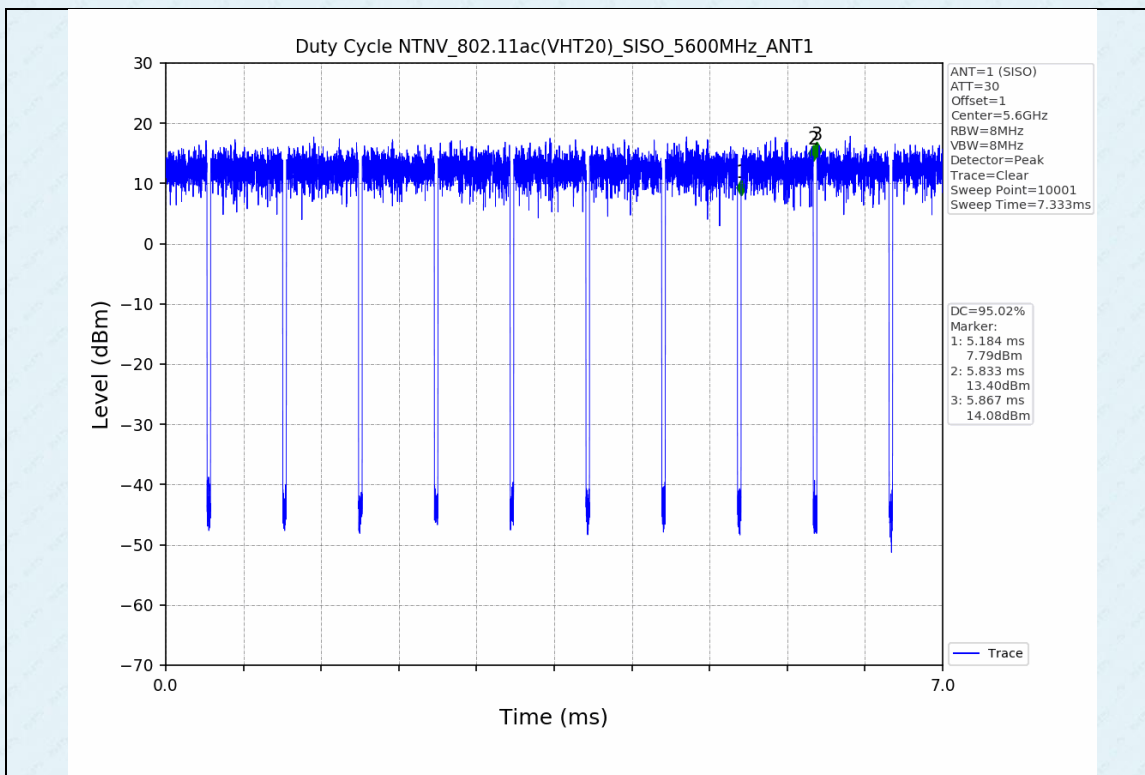
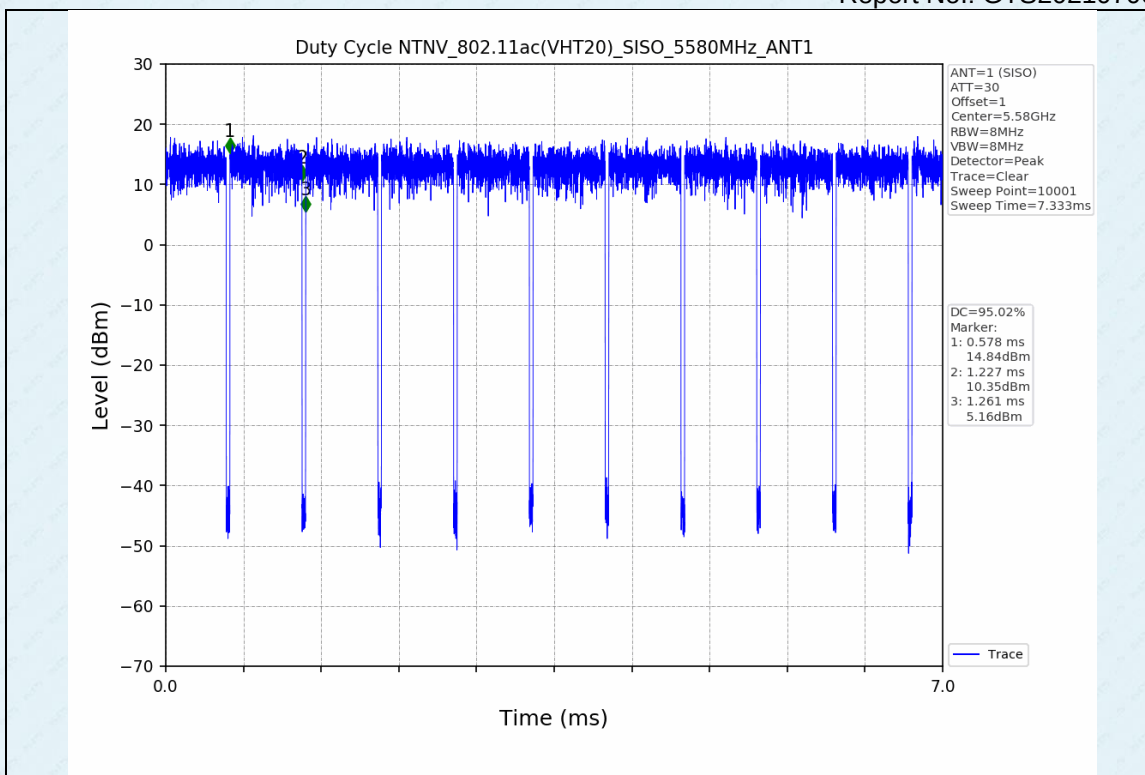


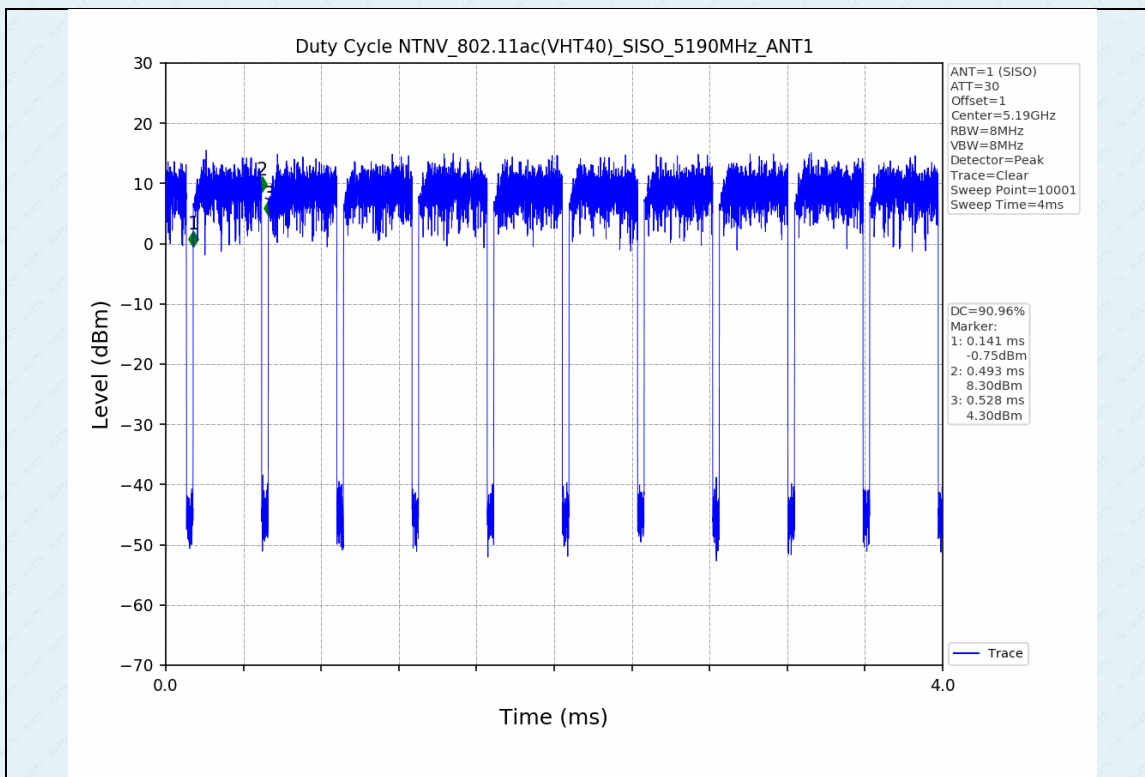
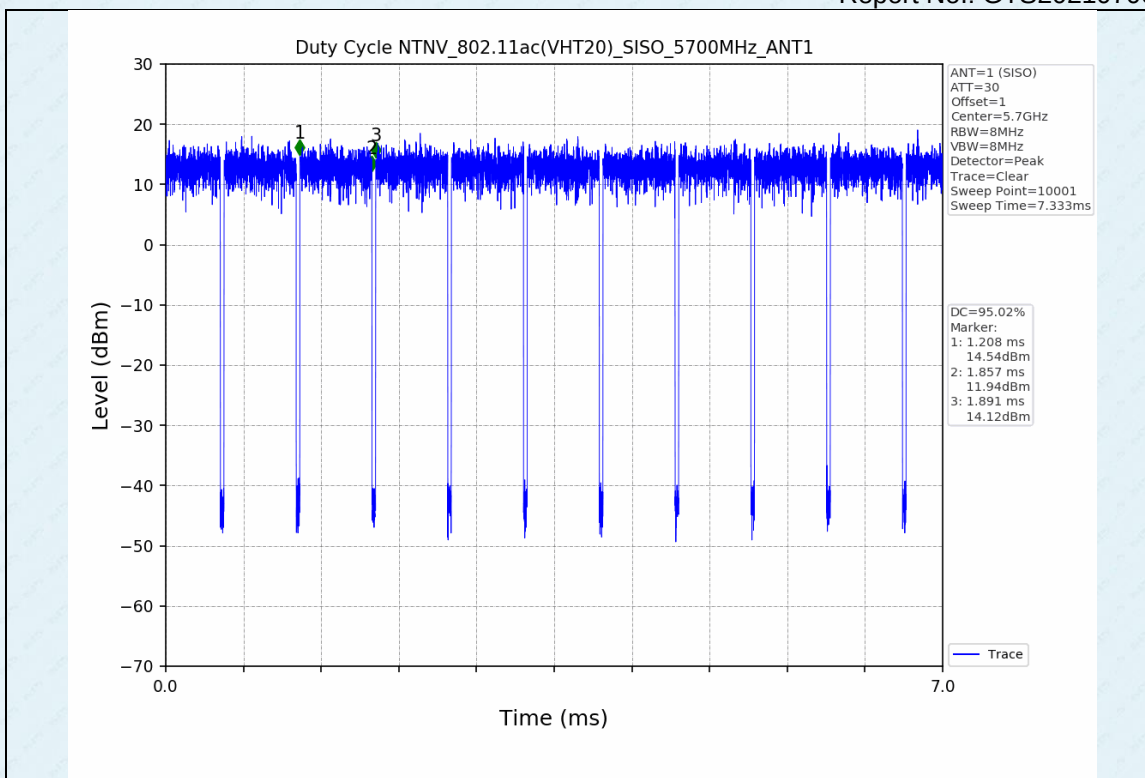


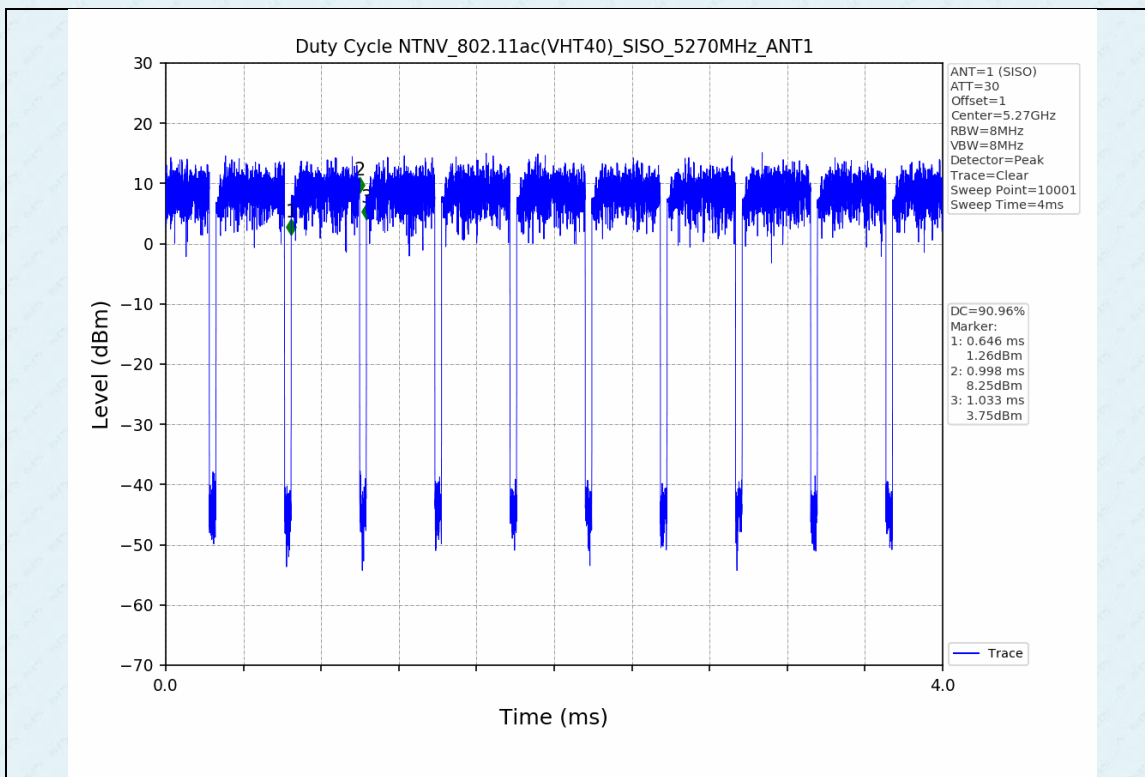
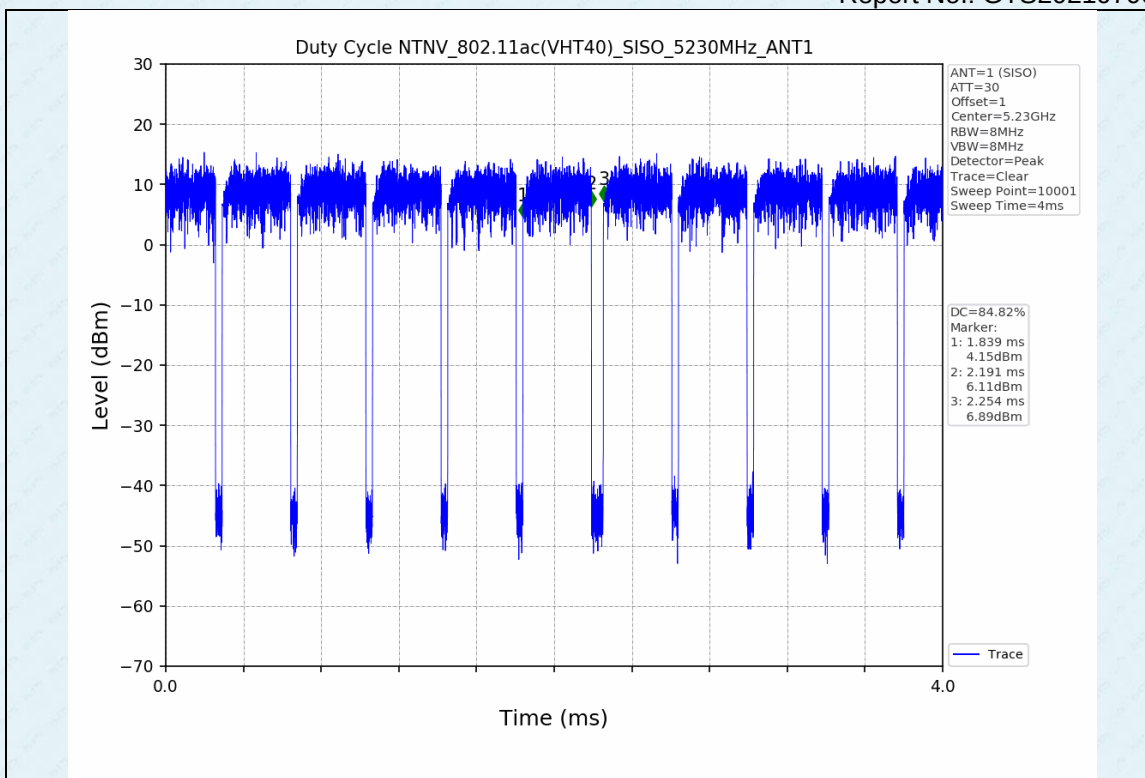


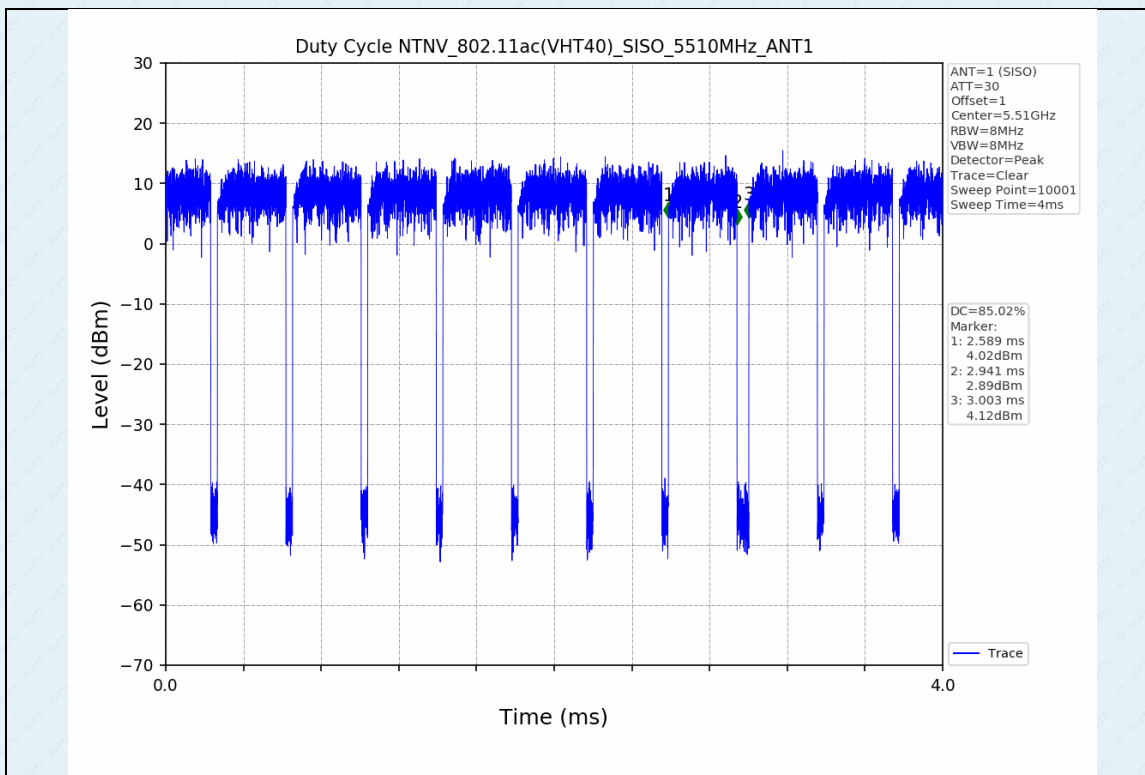
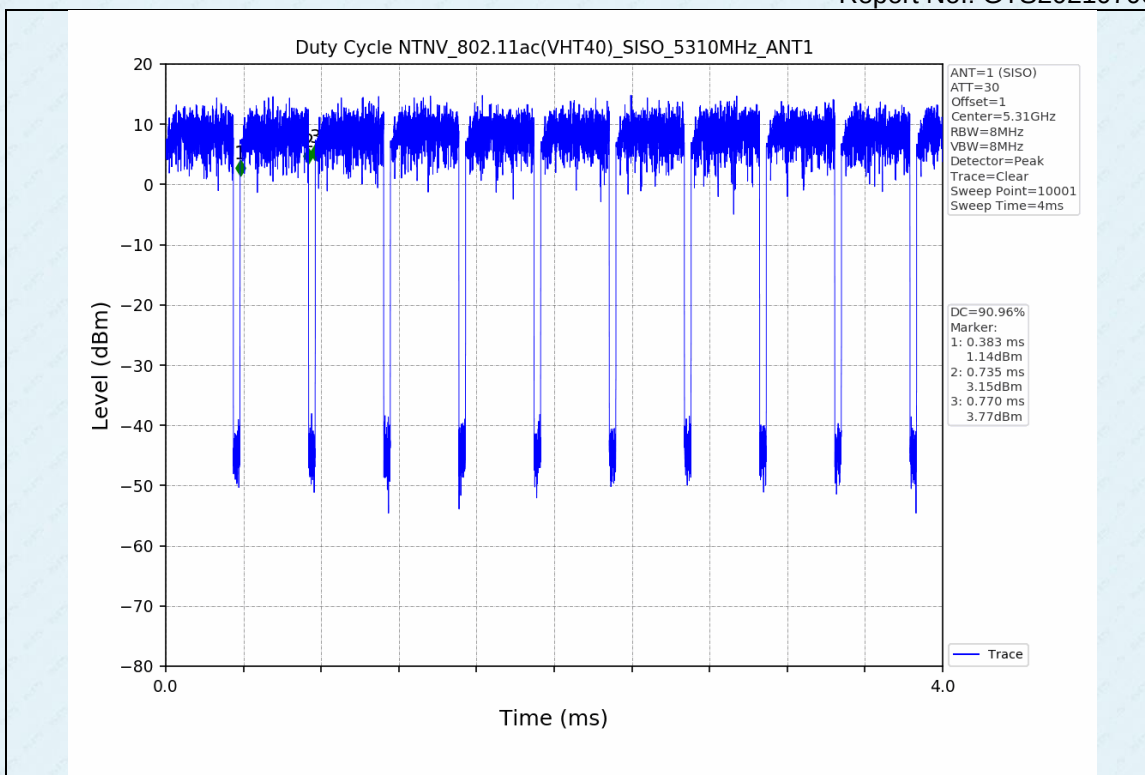


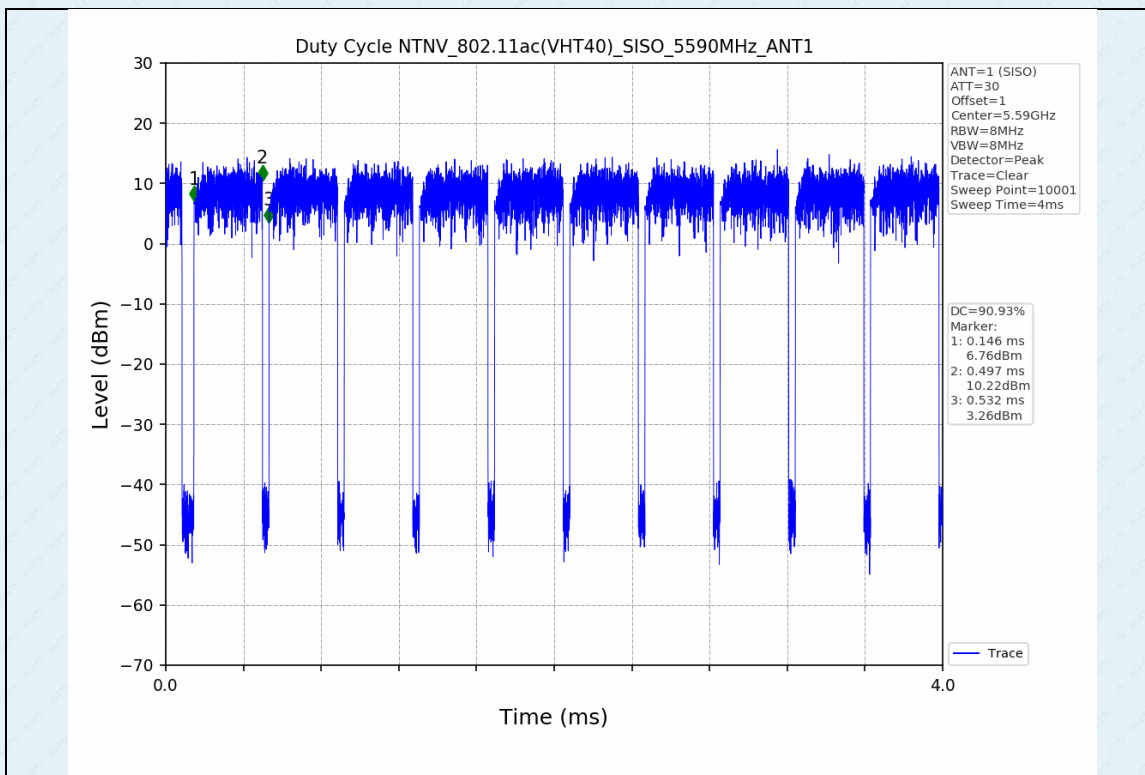
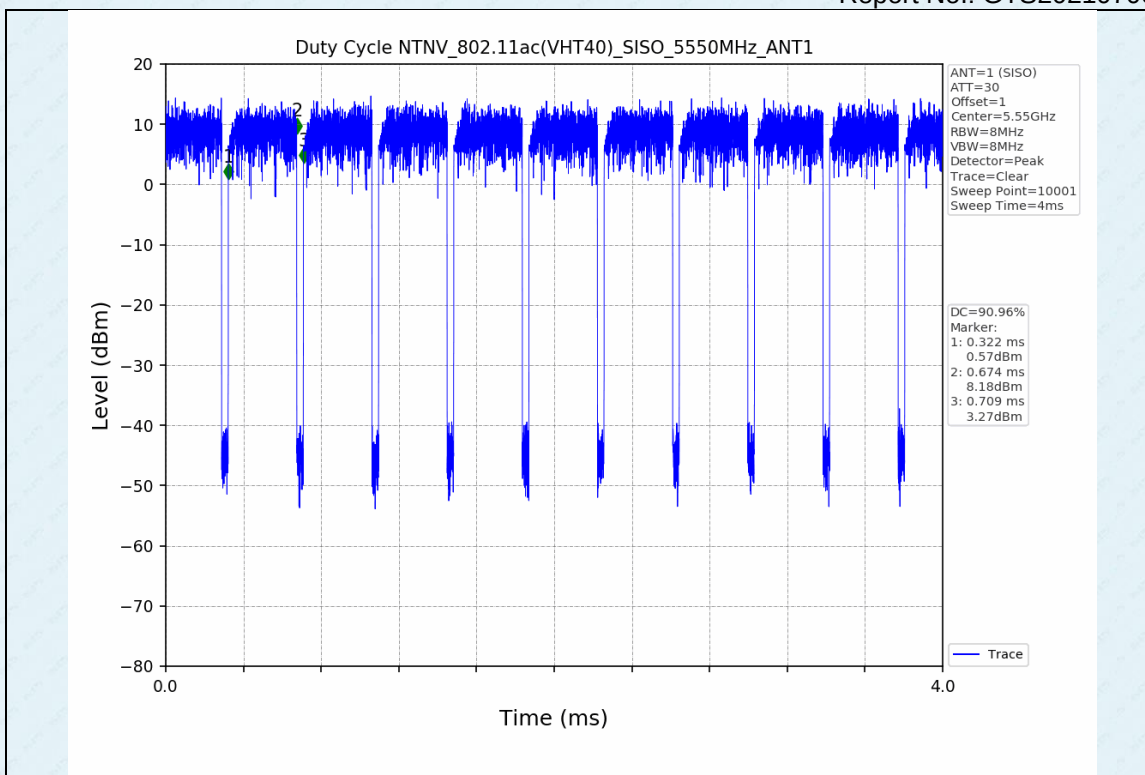


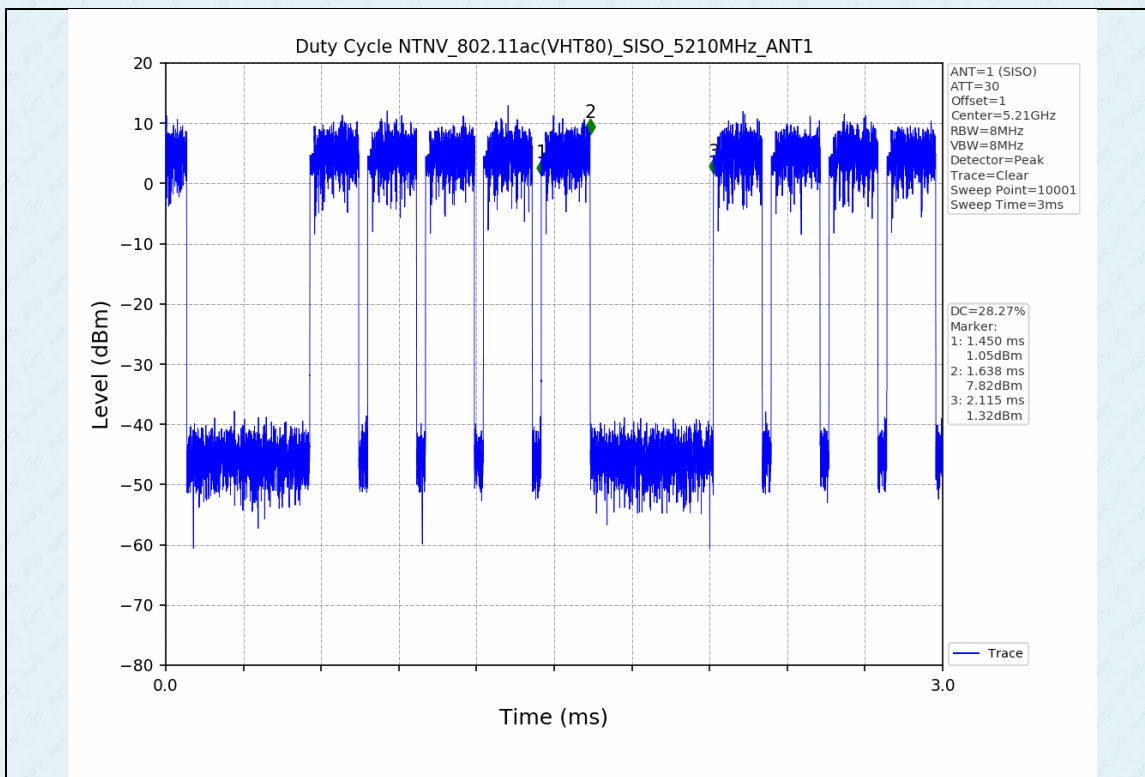
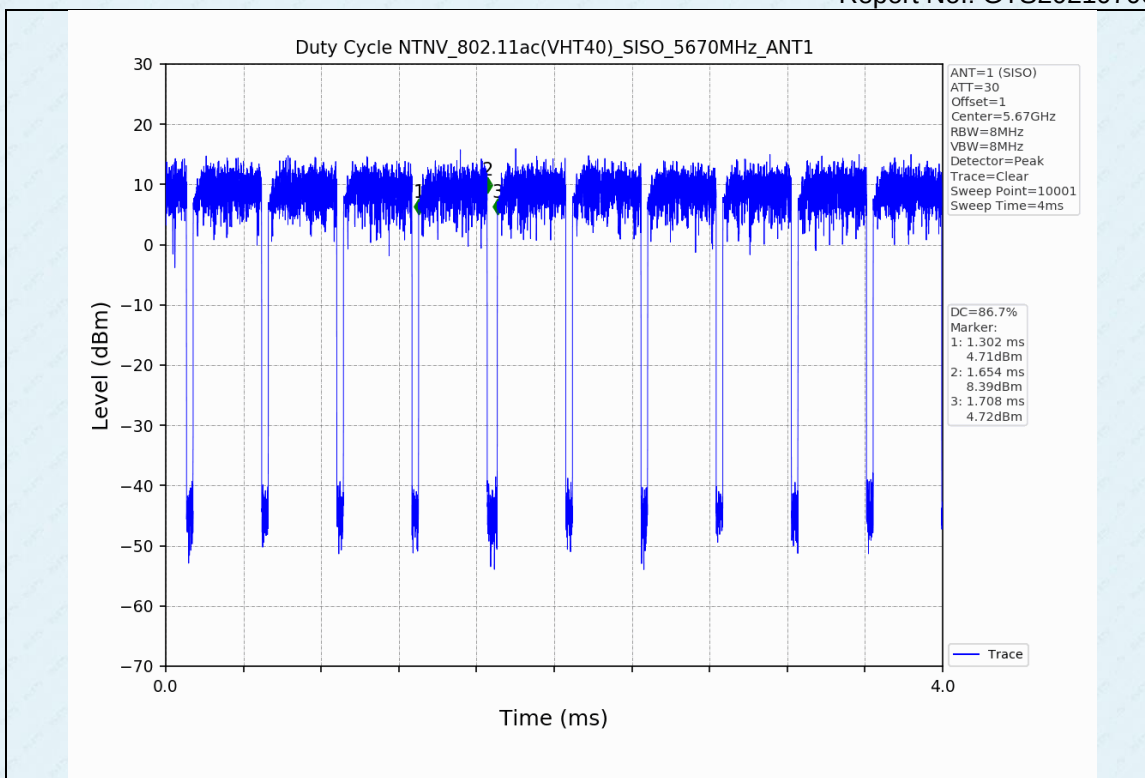


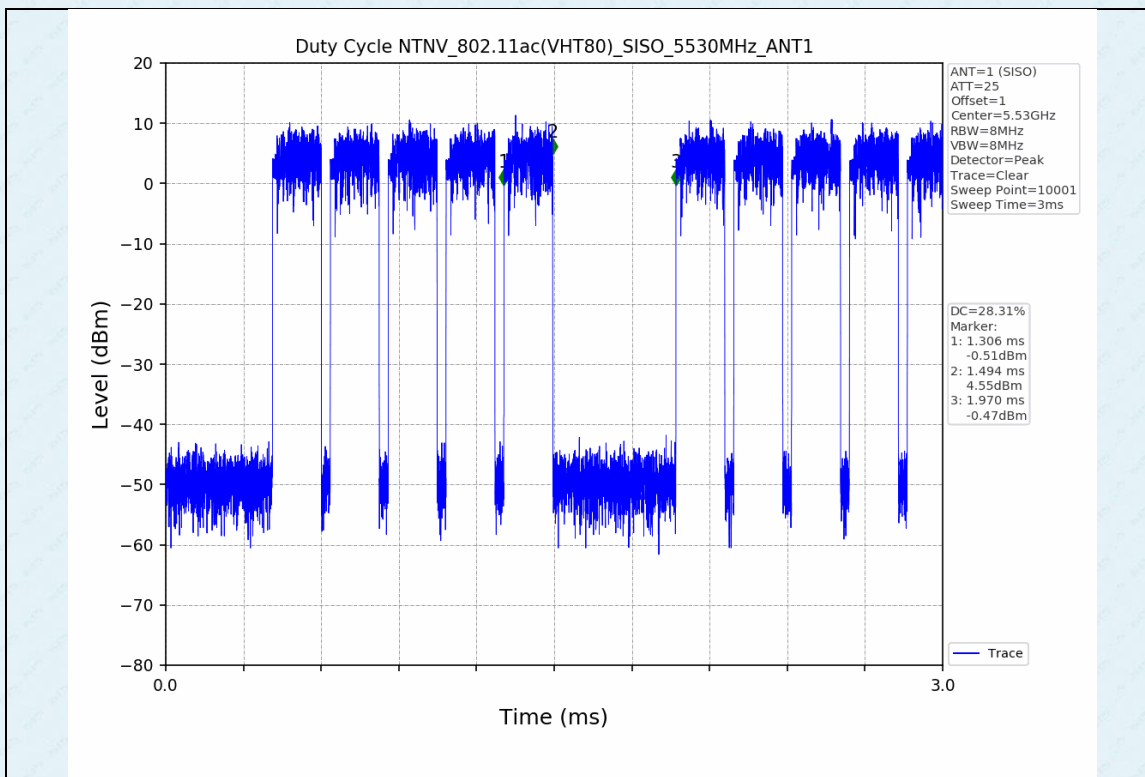
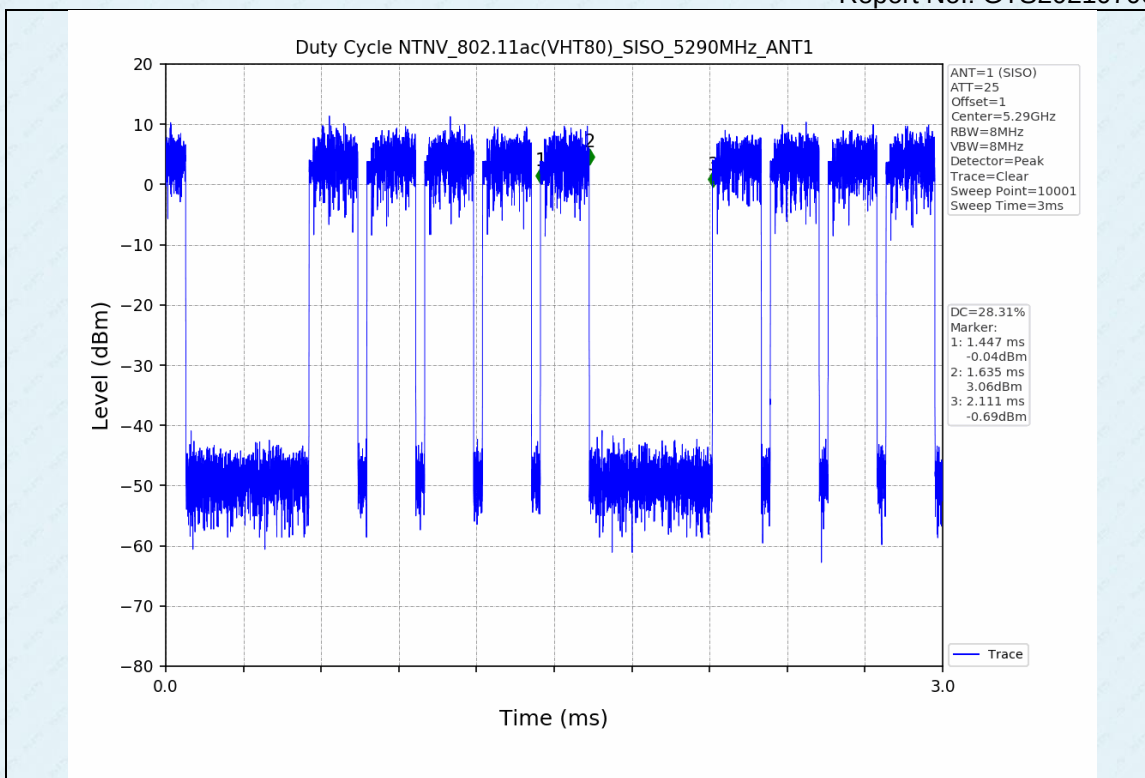


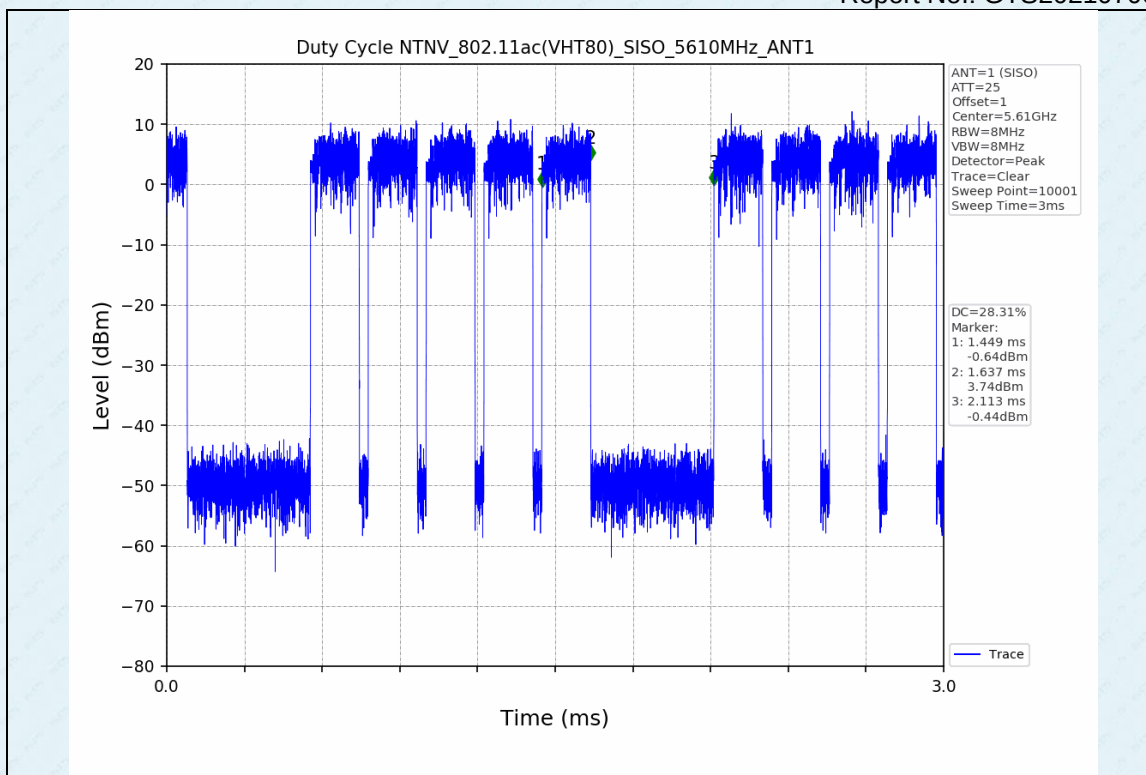












ANT 2:

