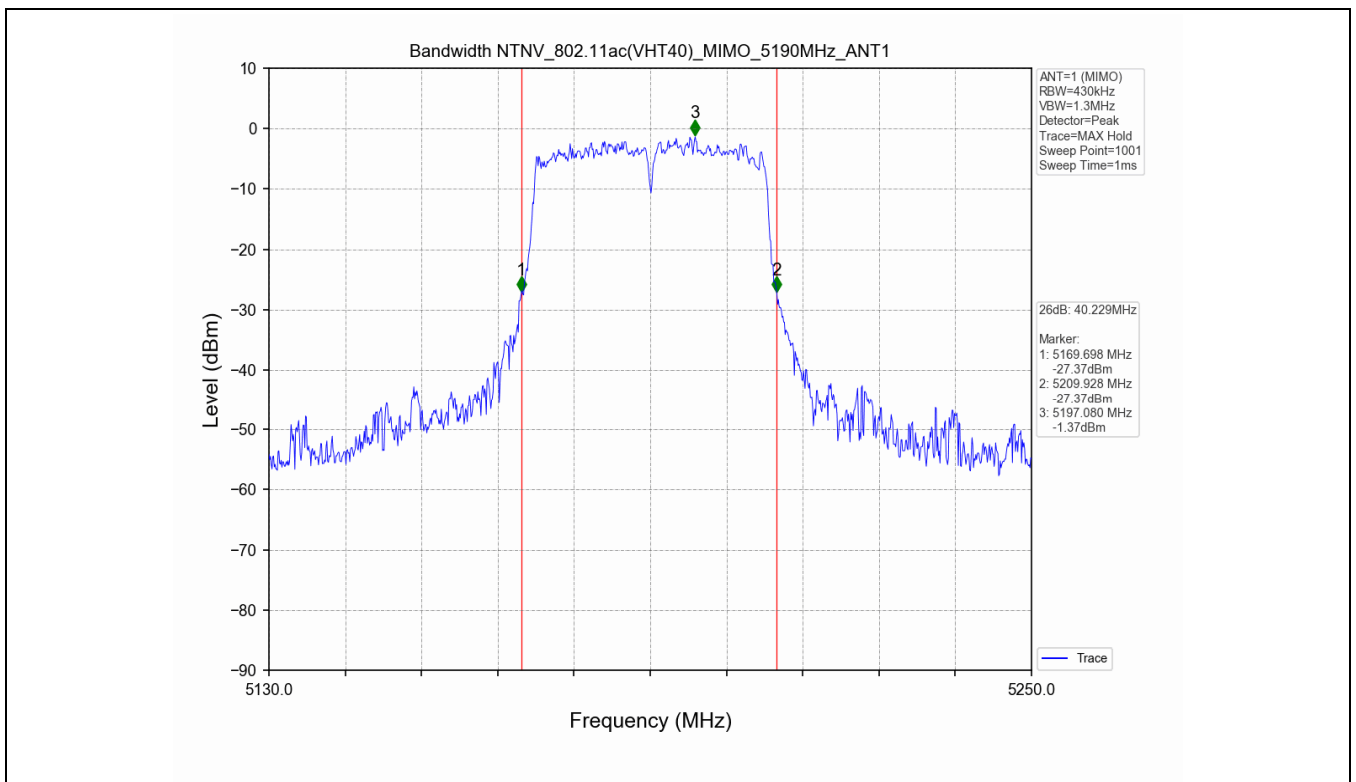
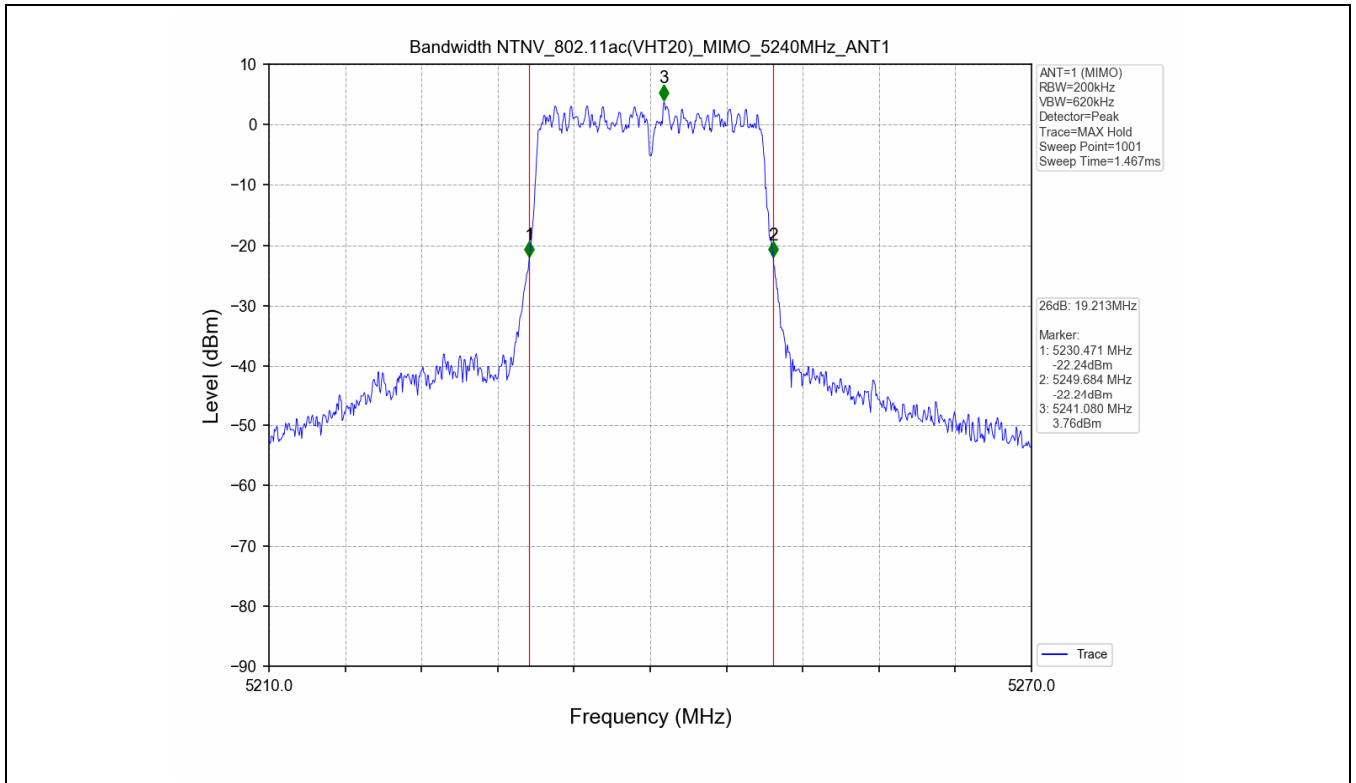
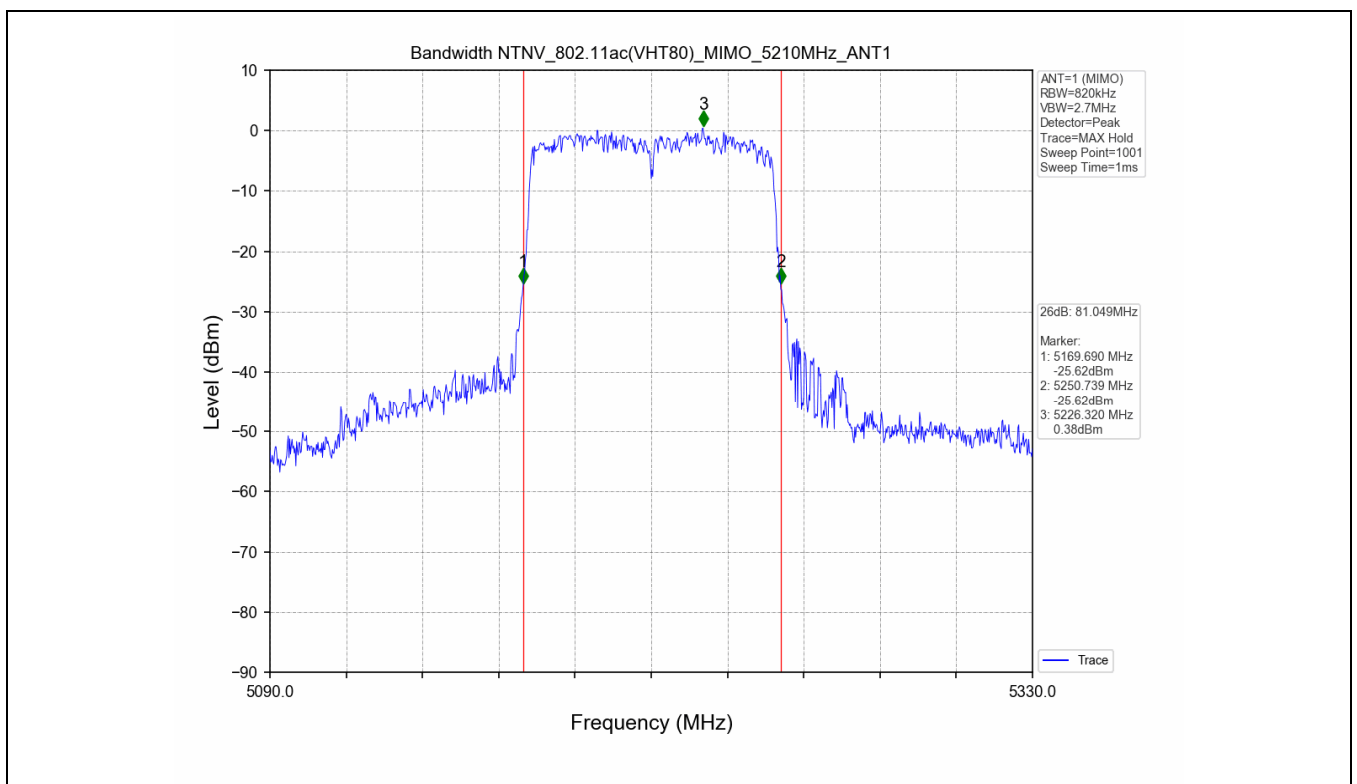
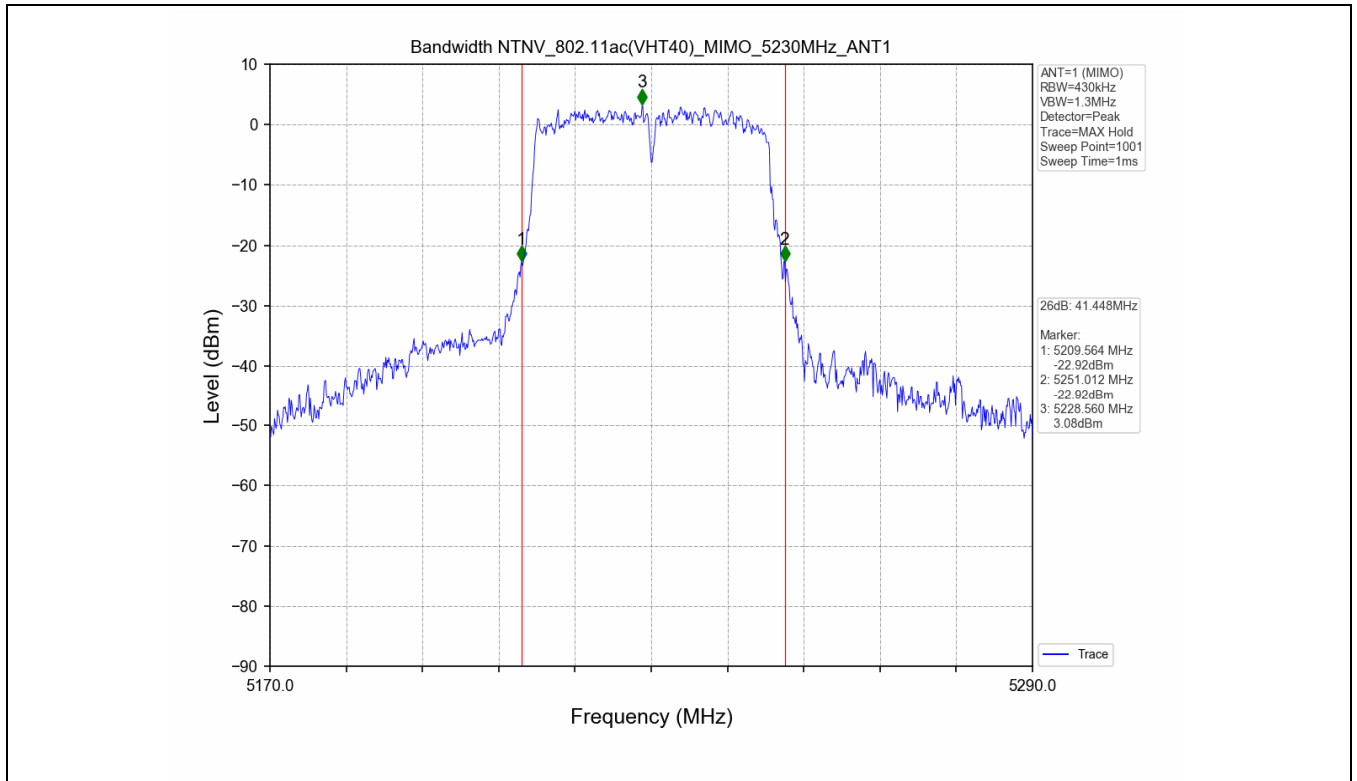
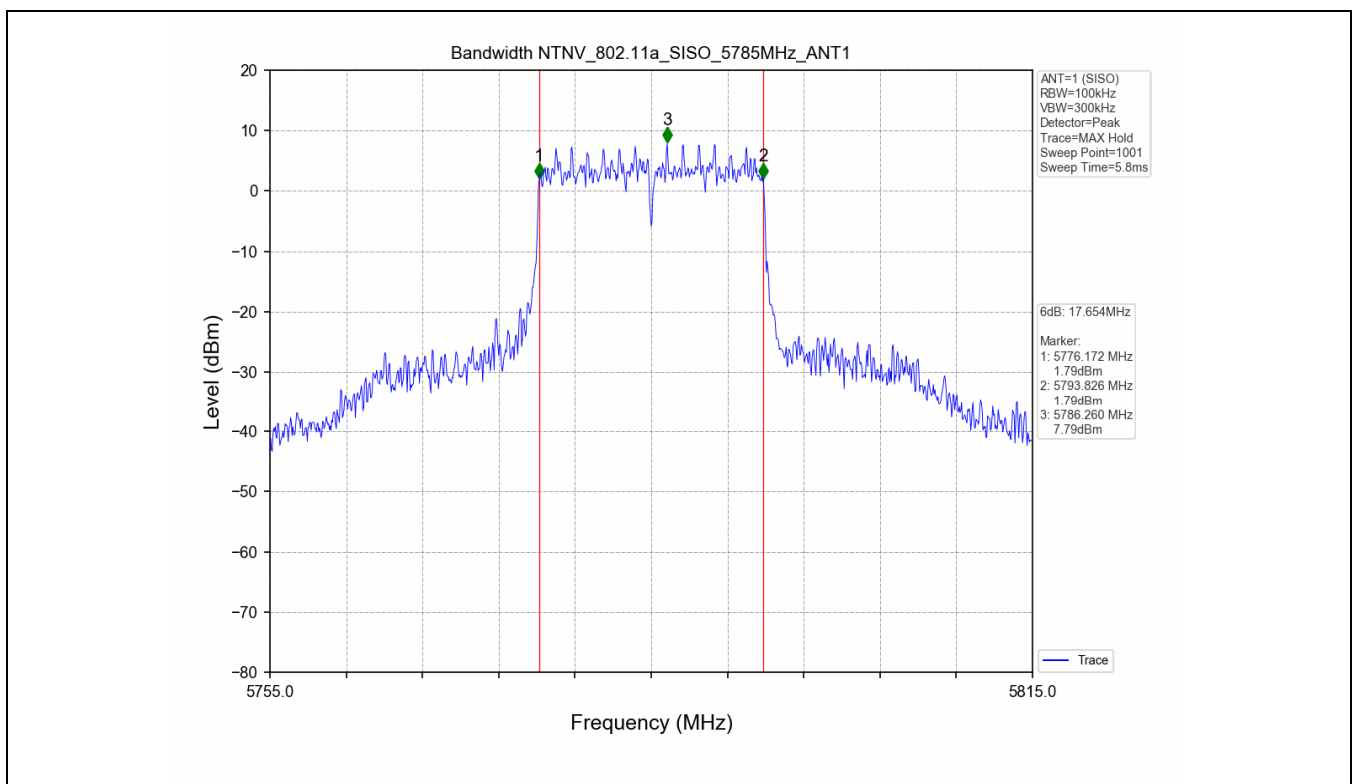
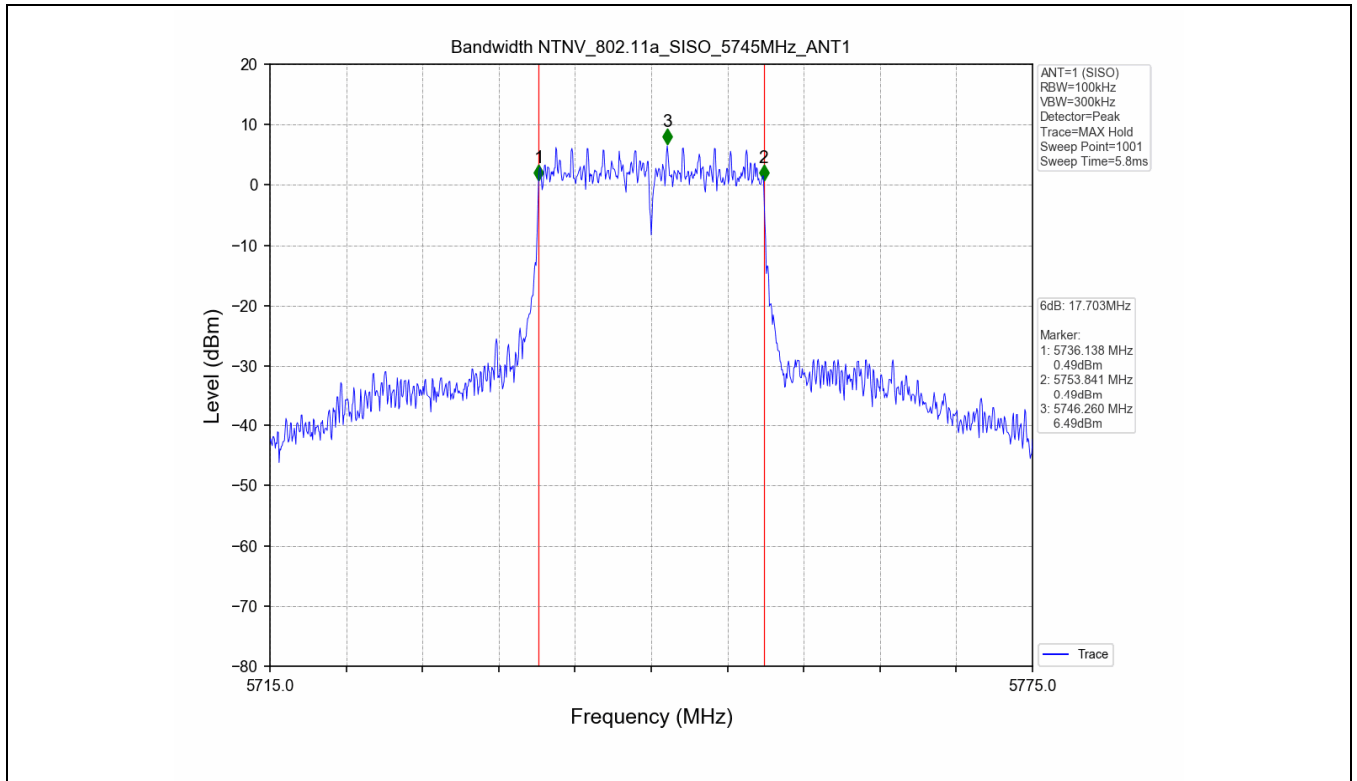
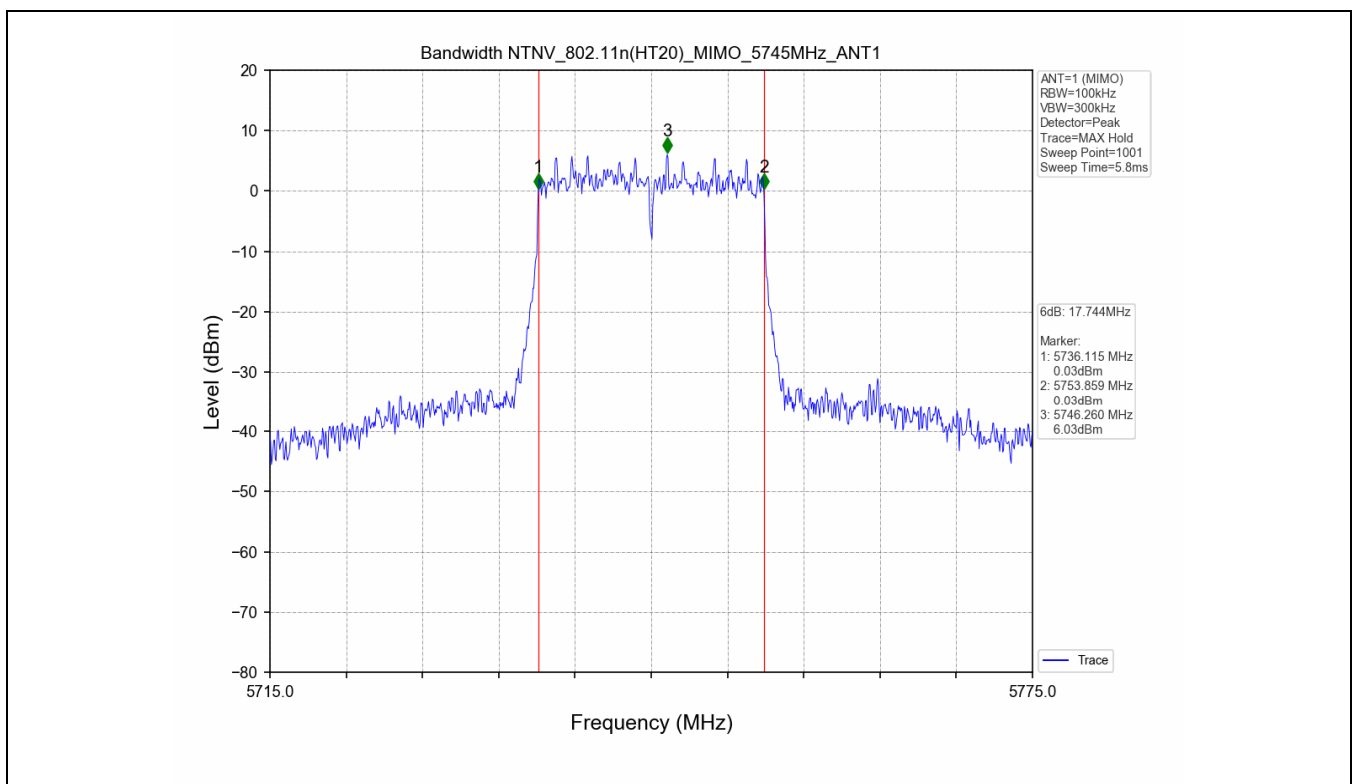
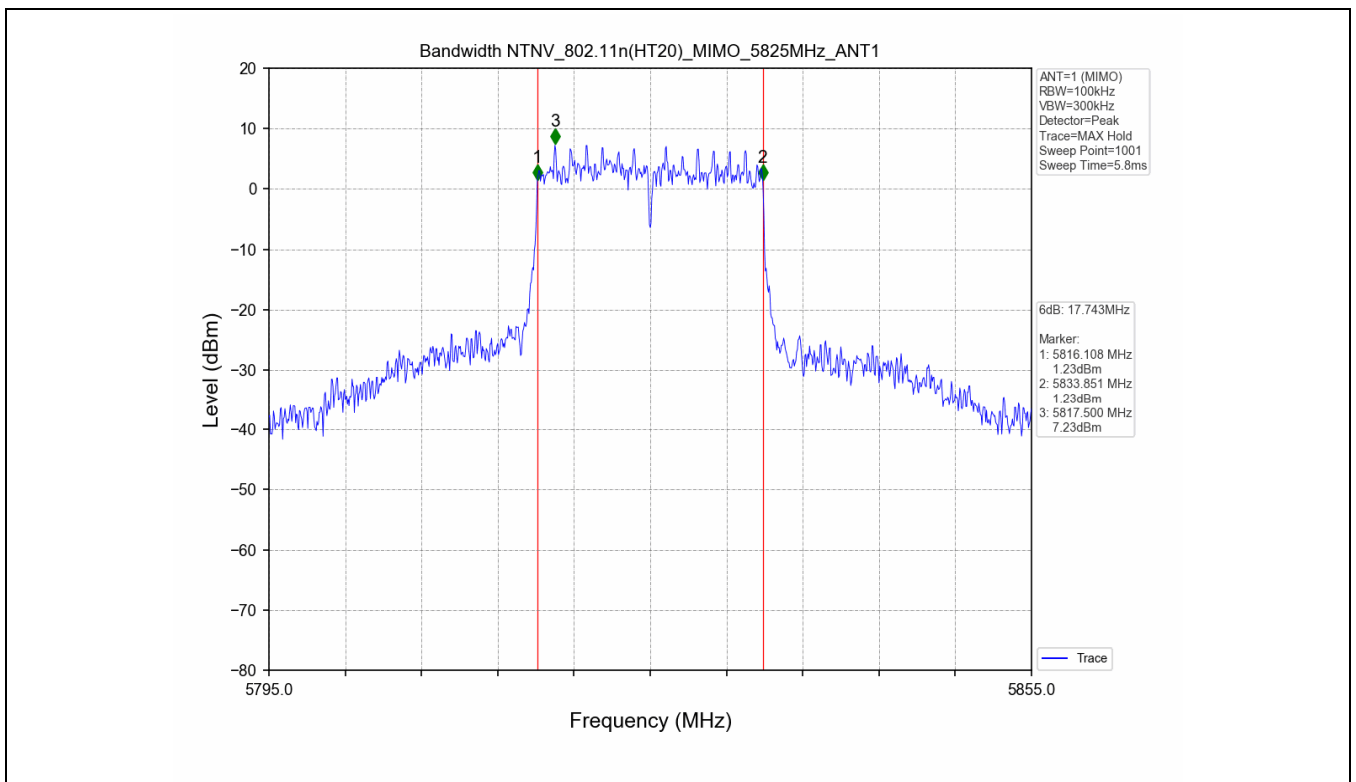
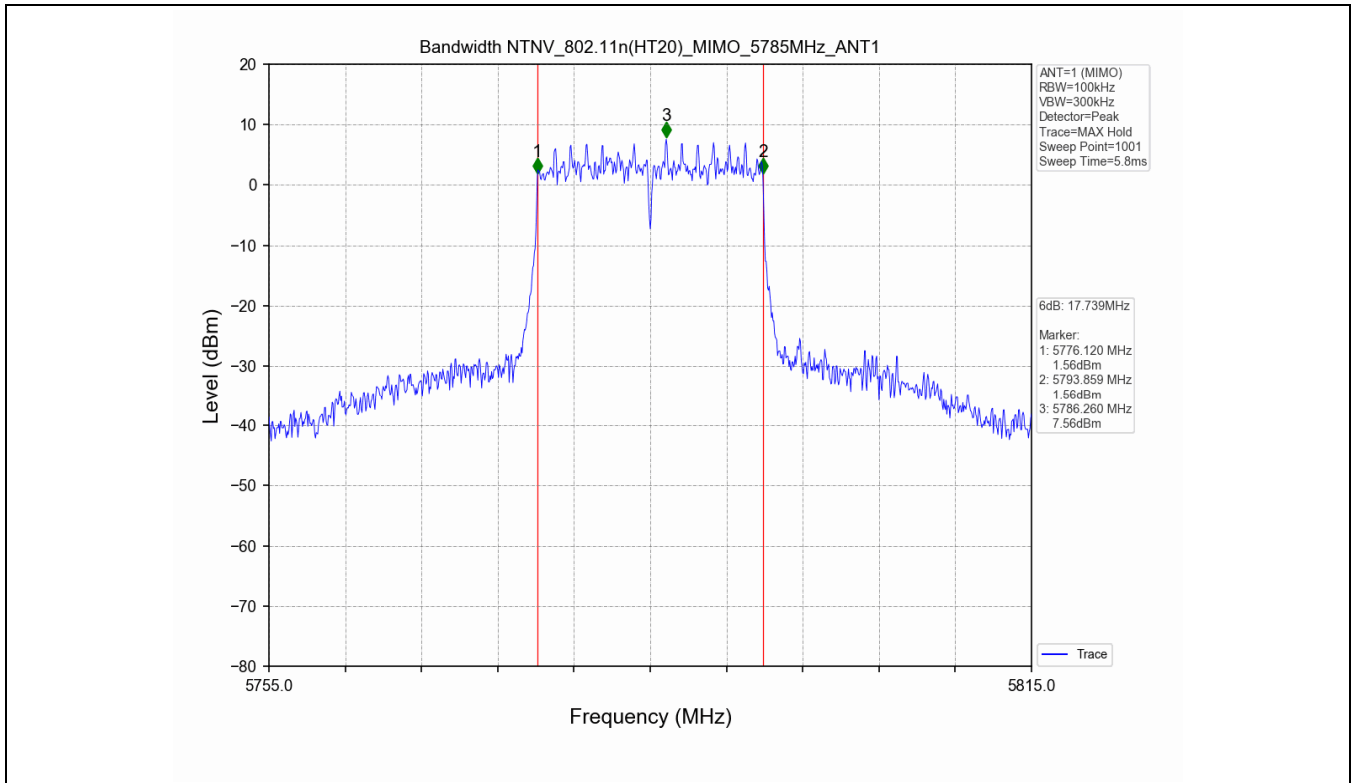


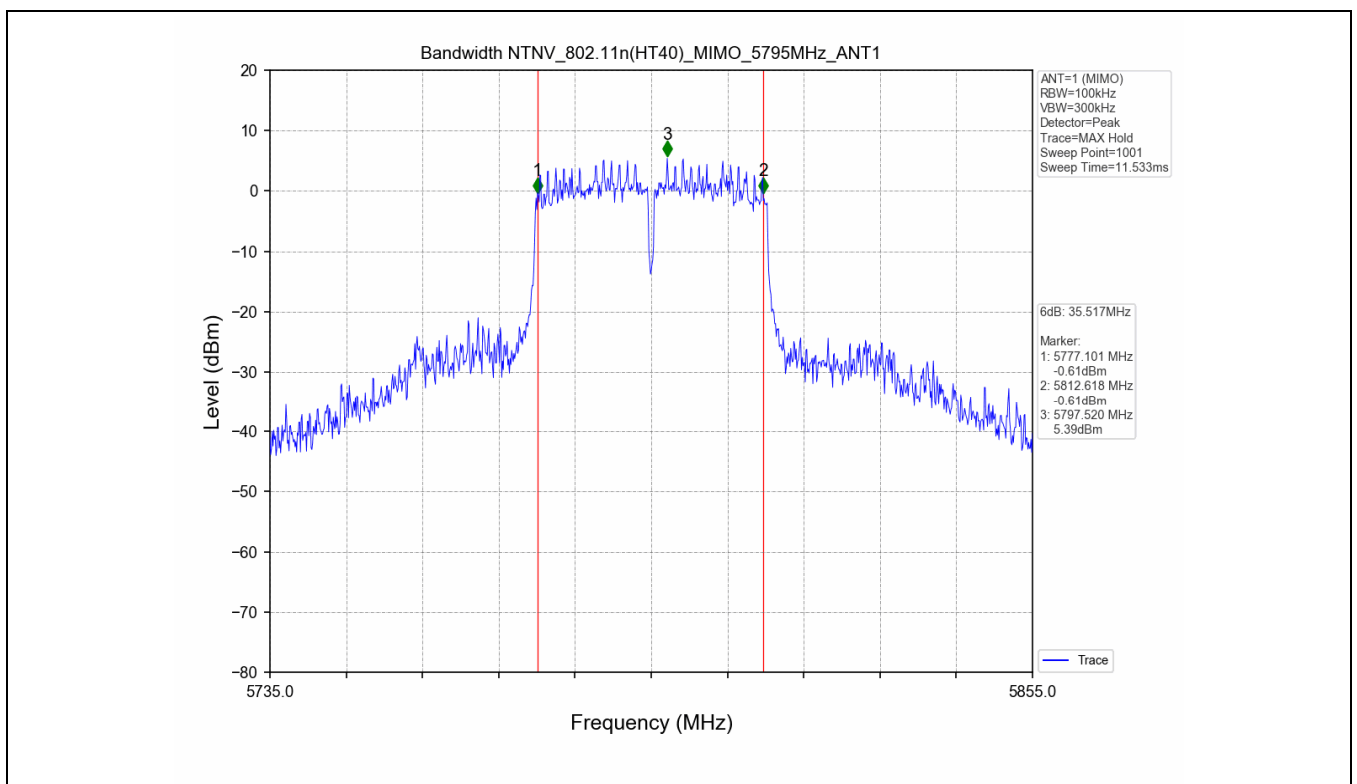
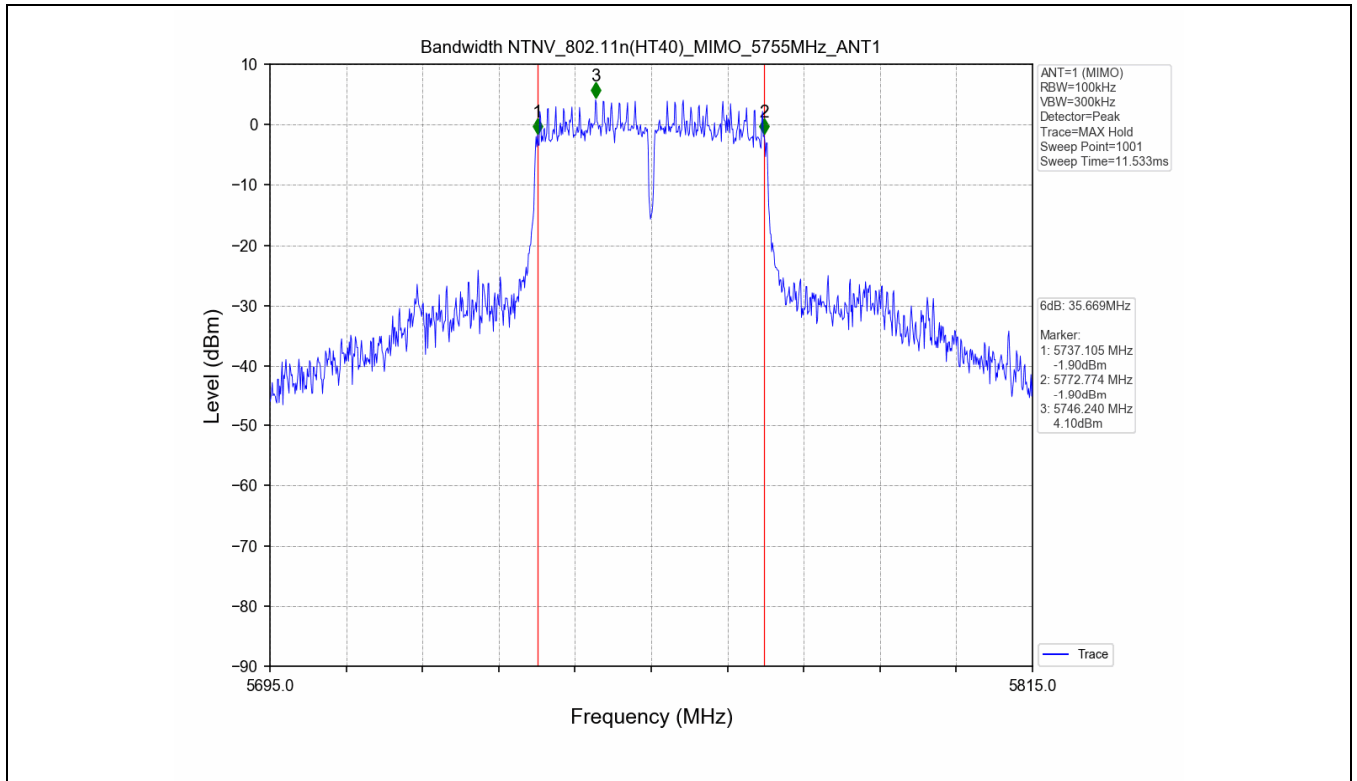


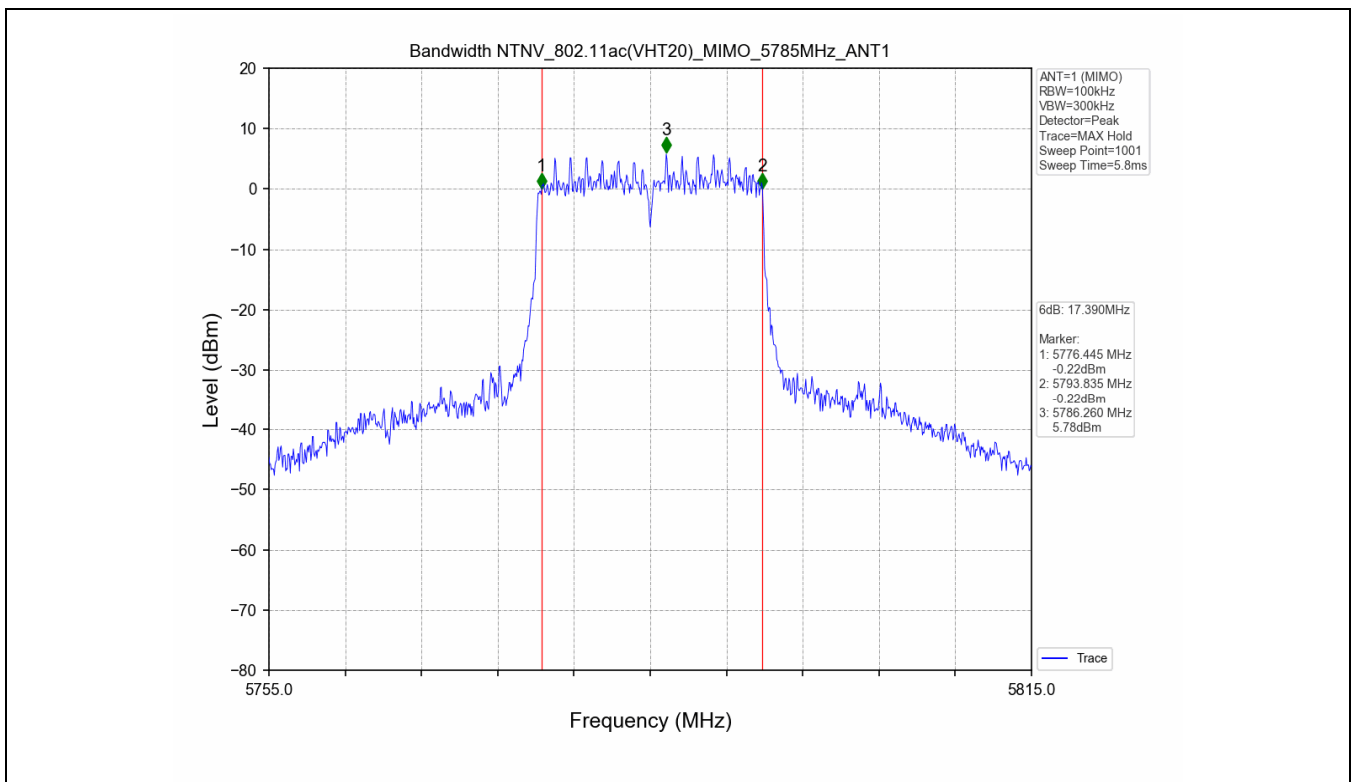
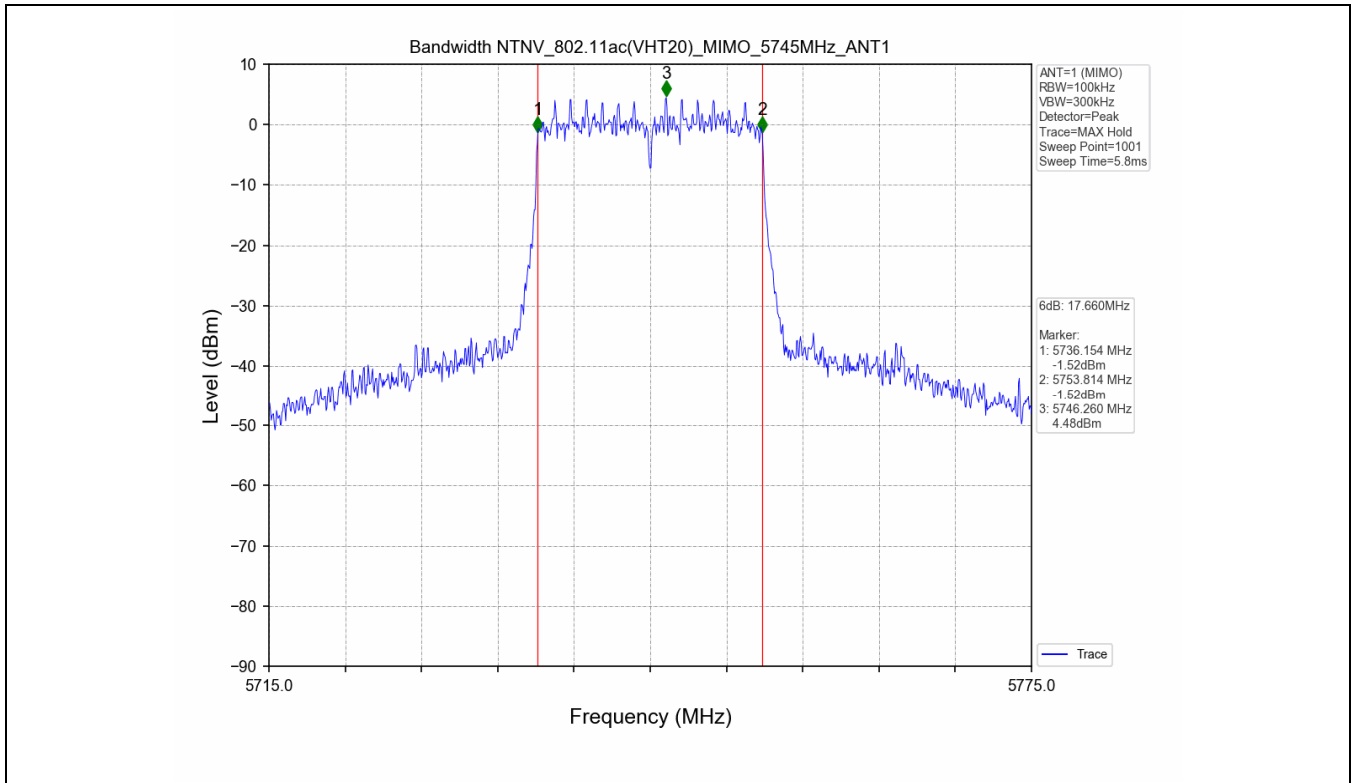


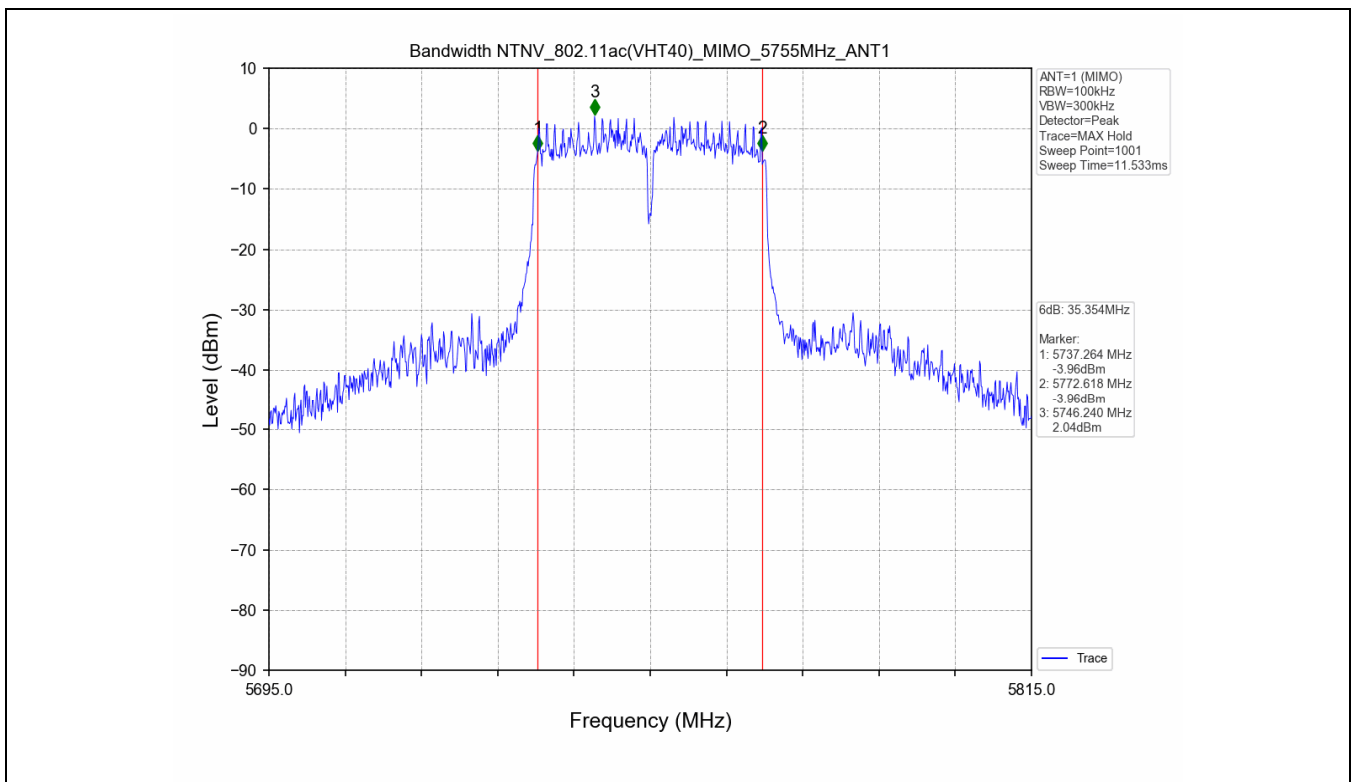
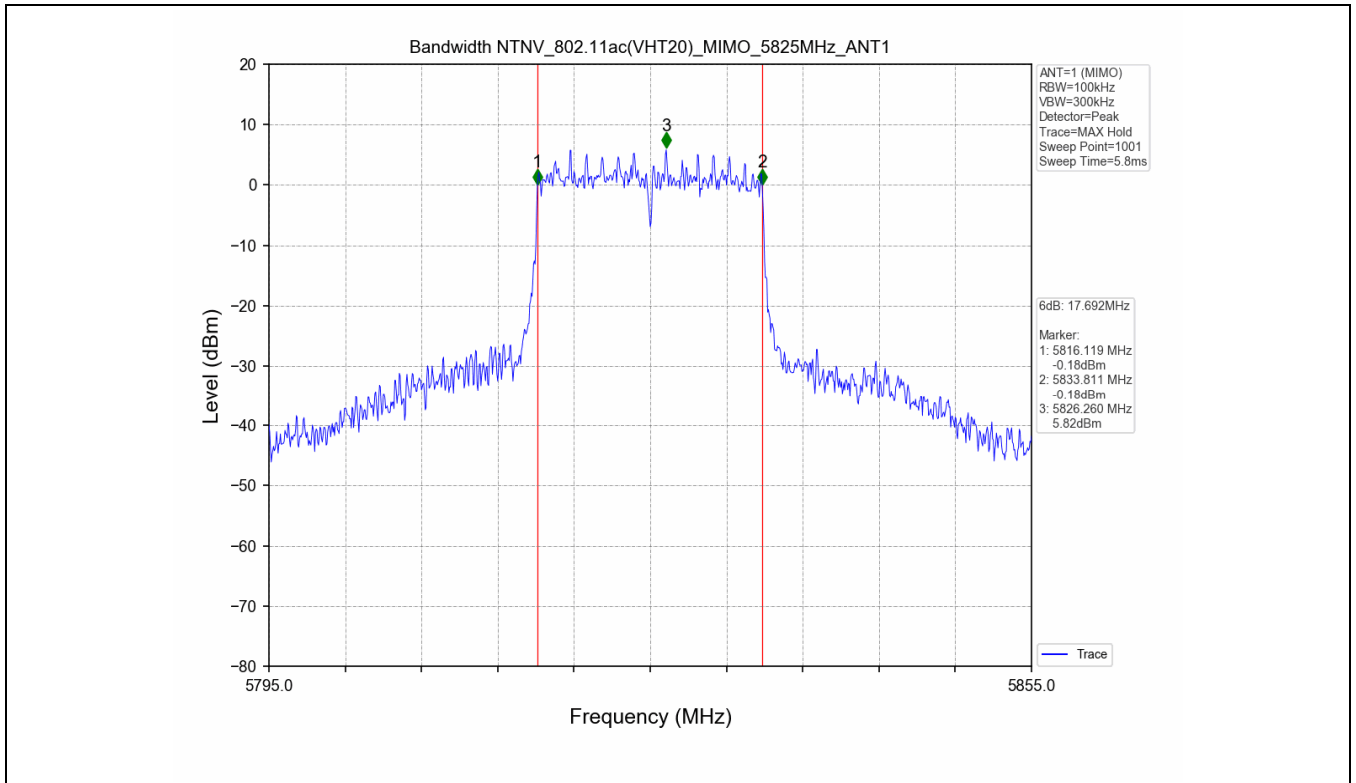


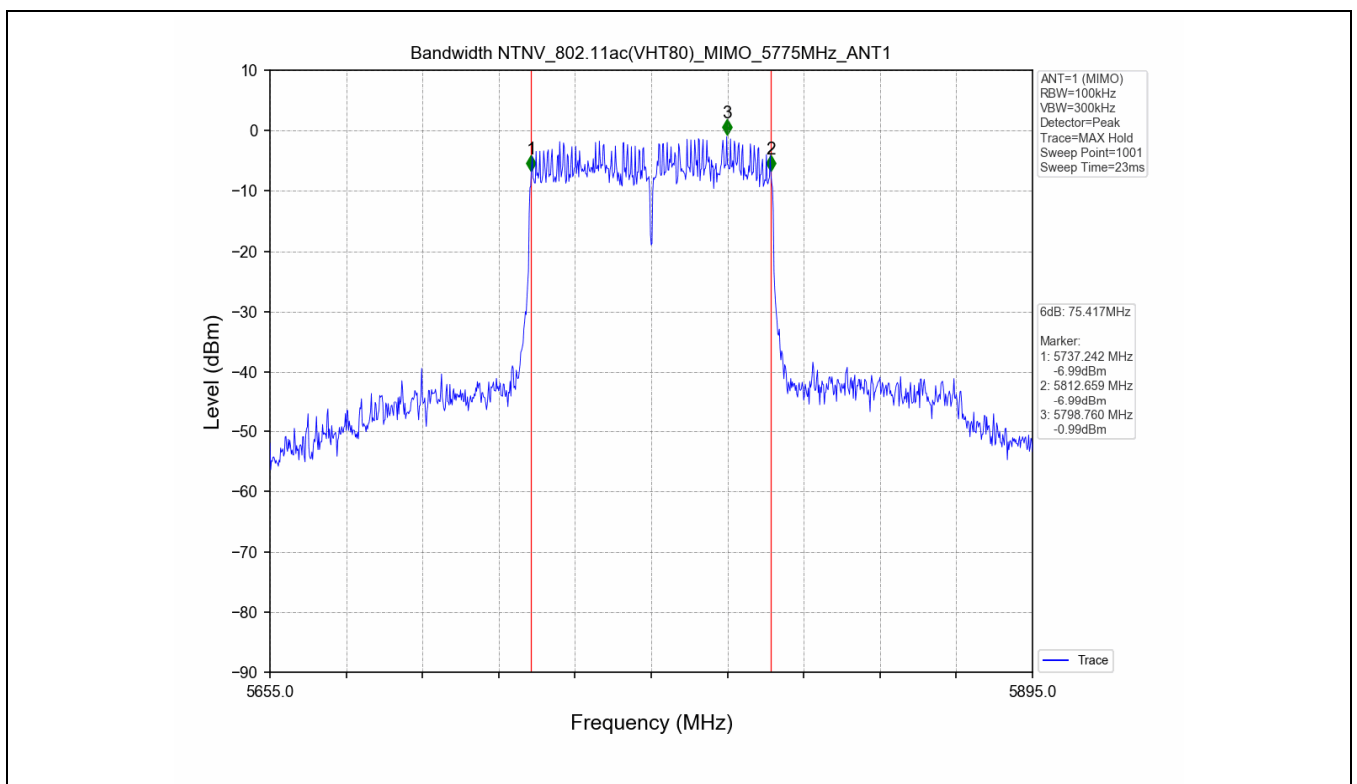
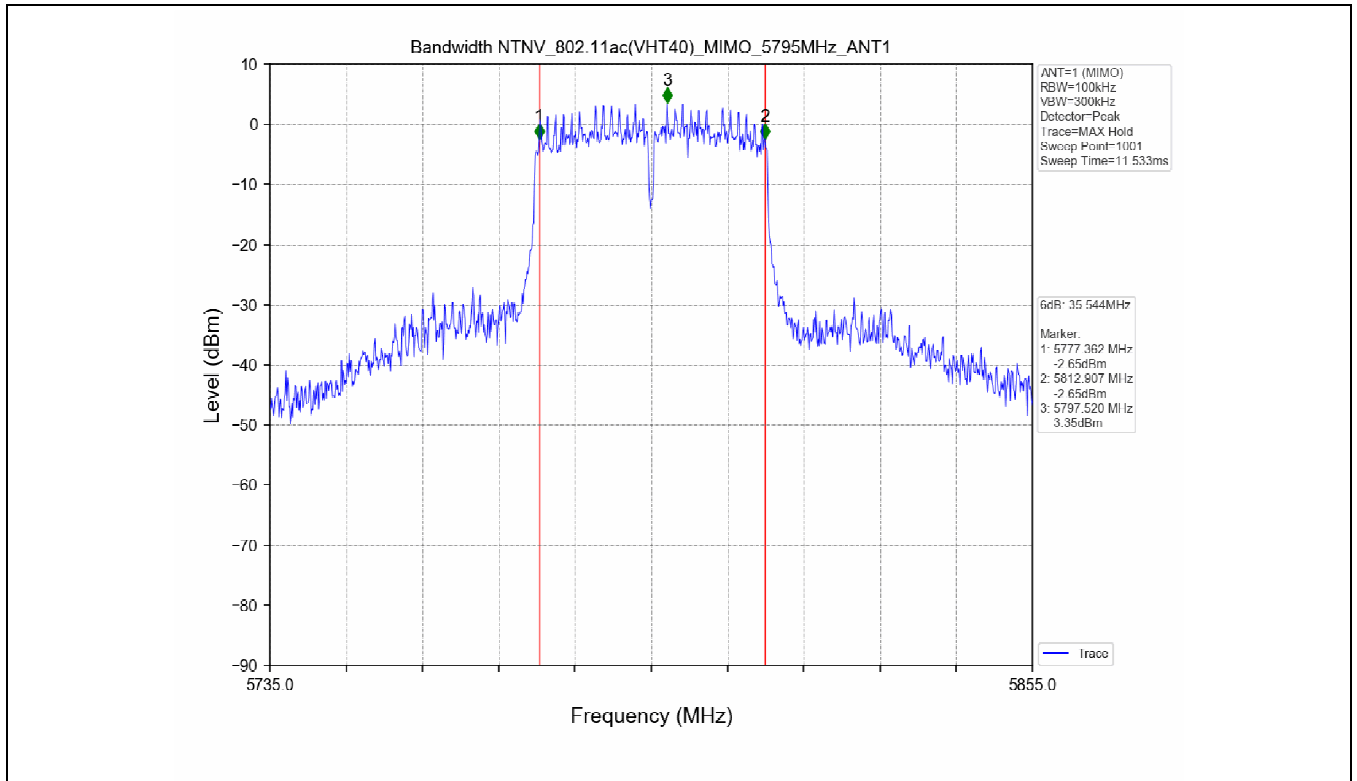




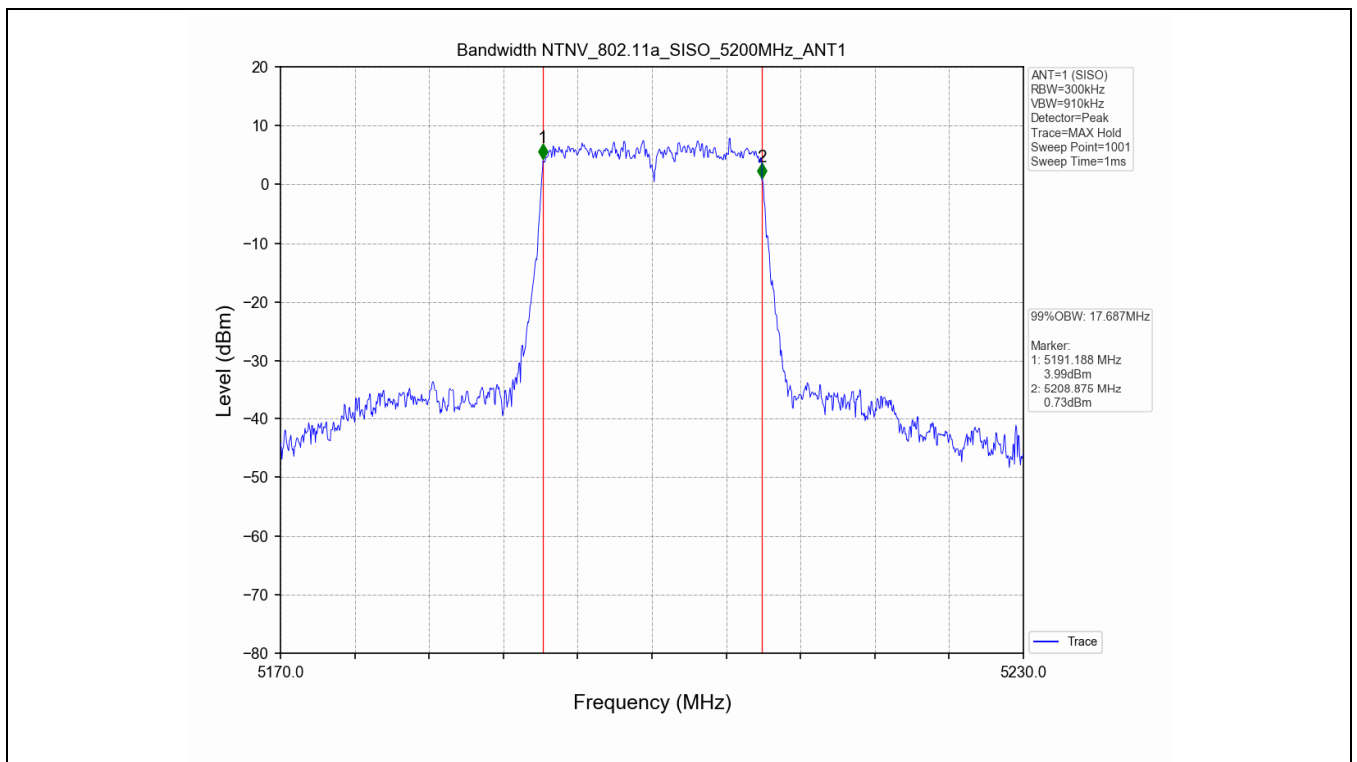
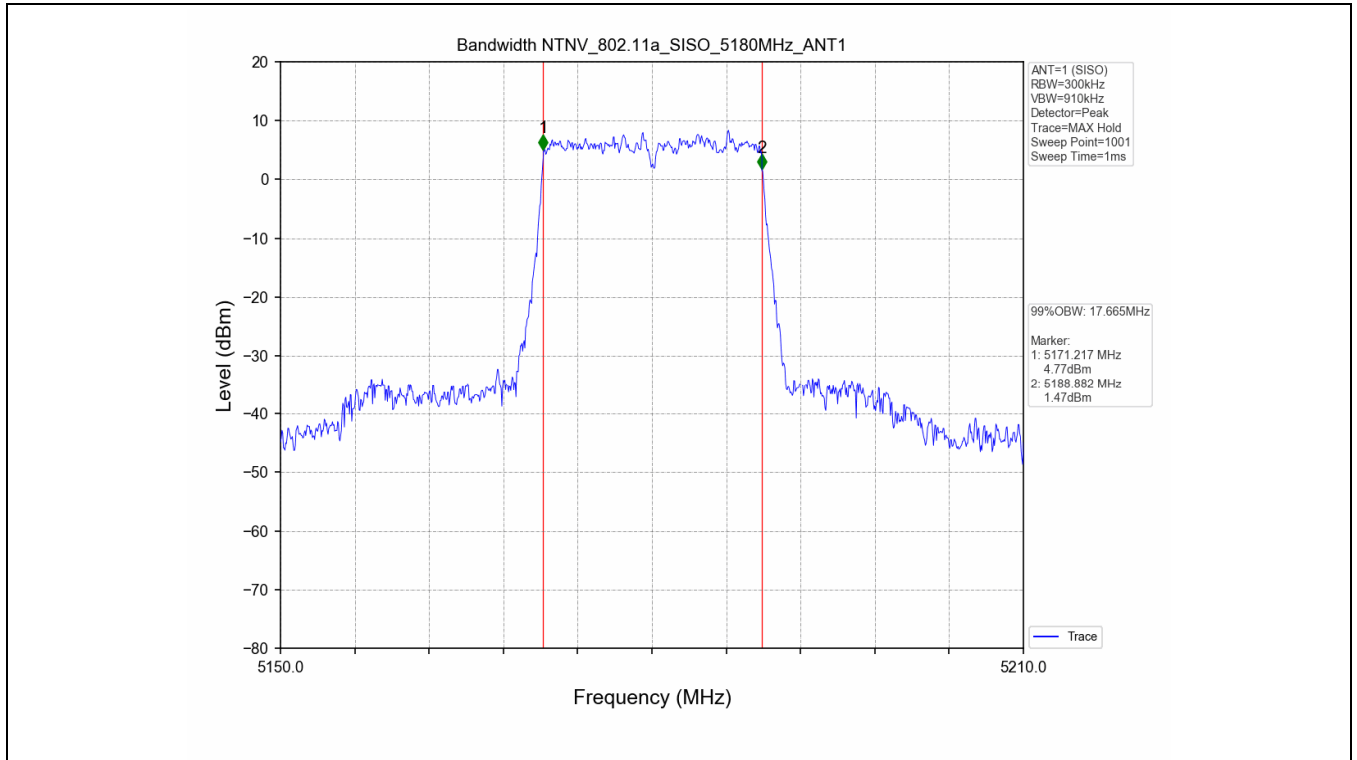


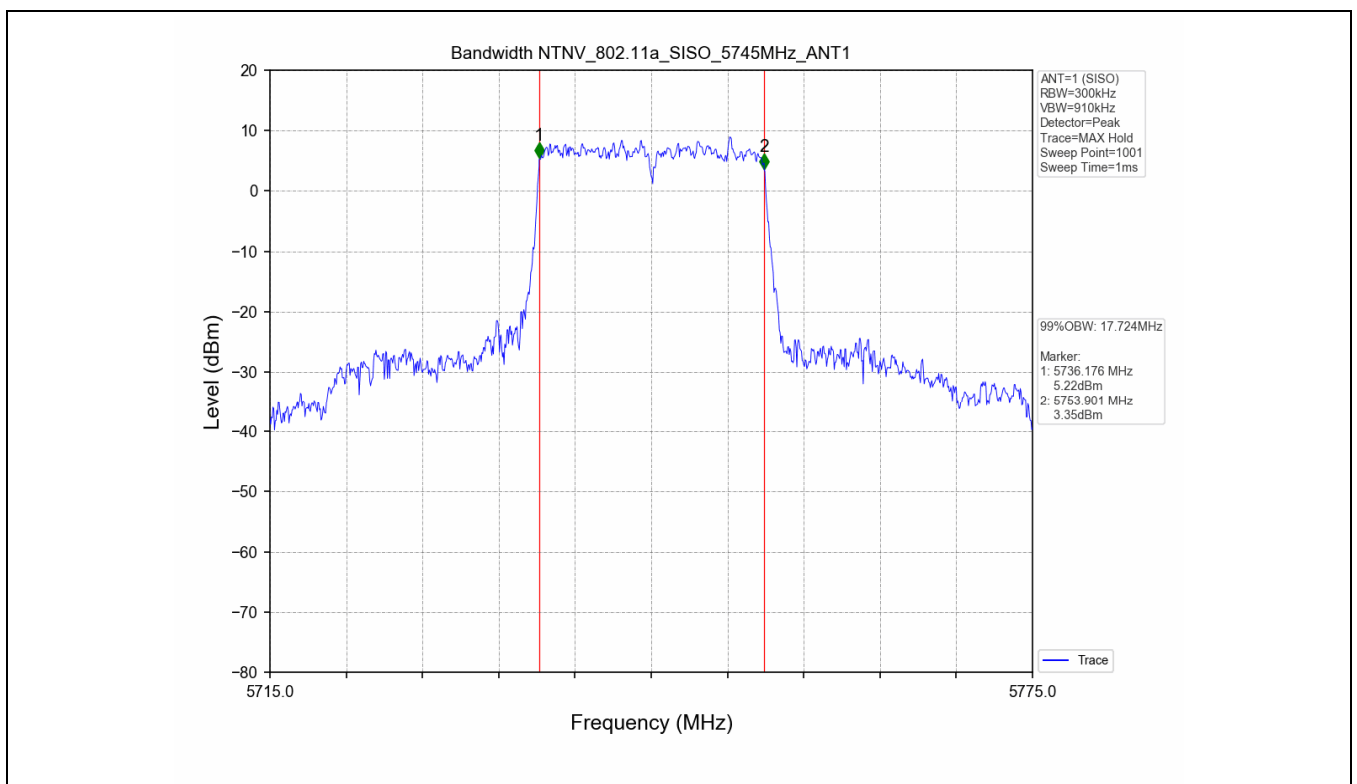
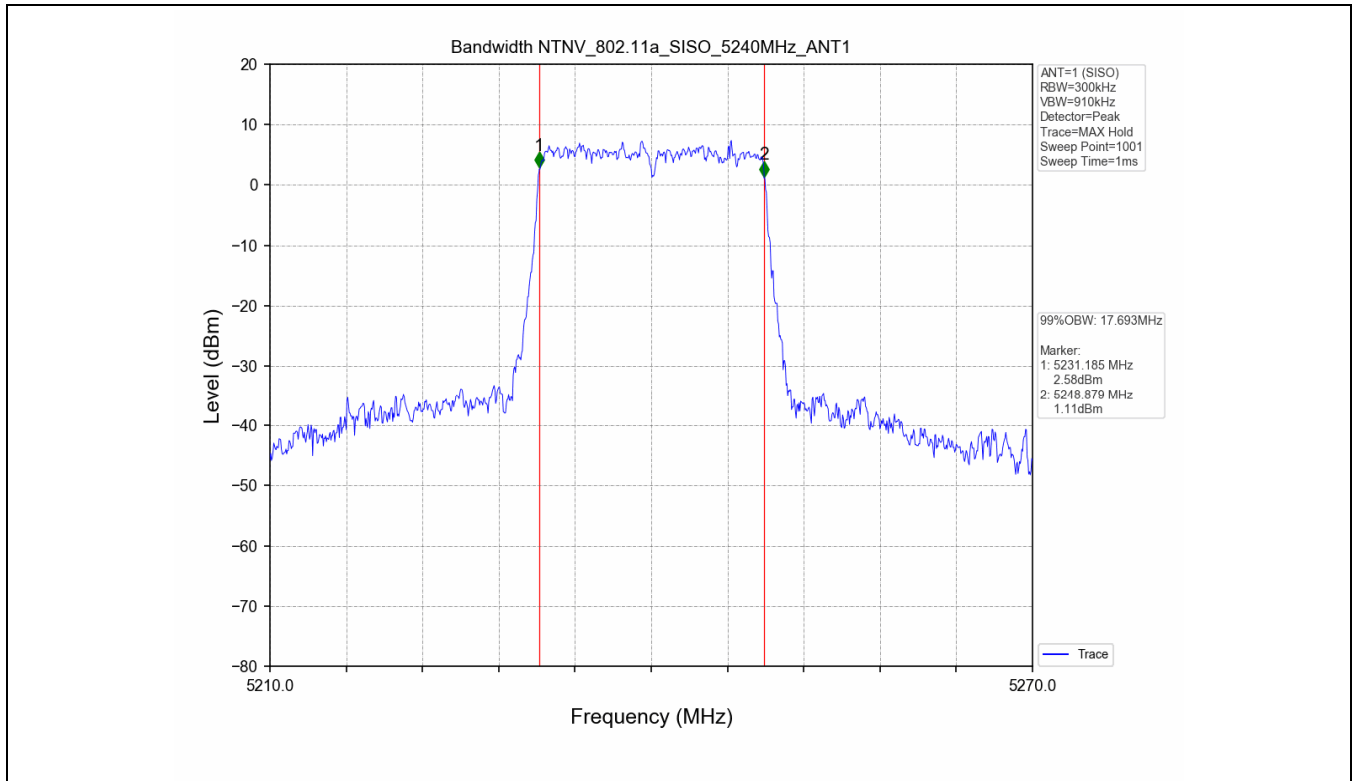


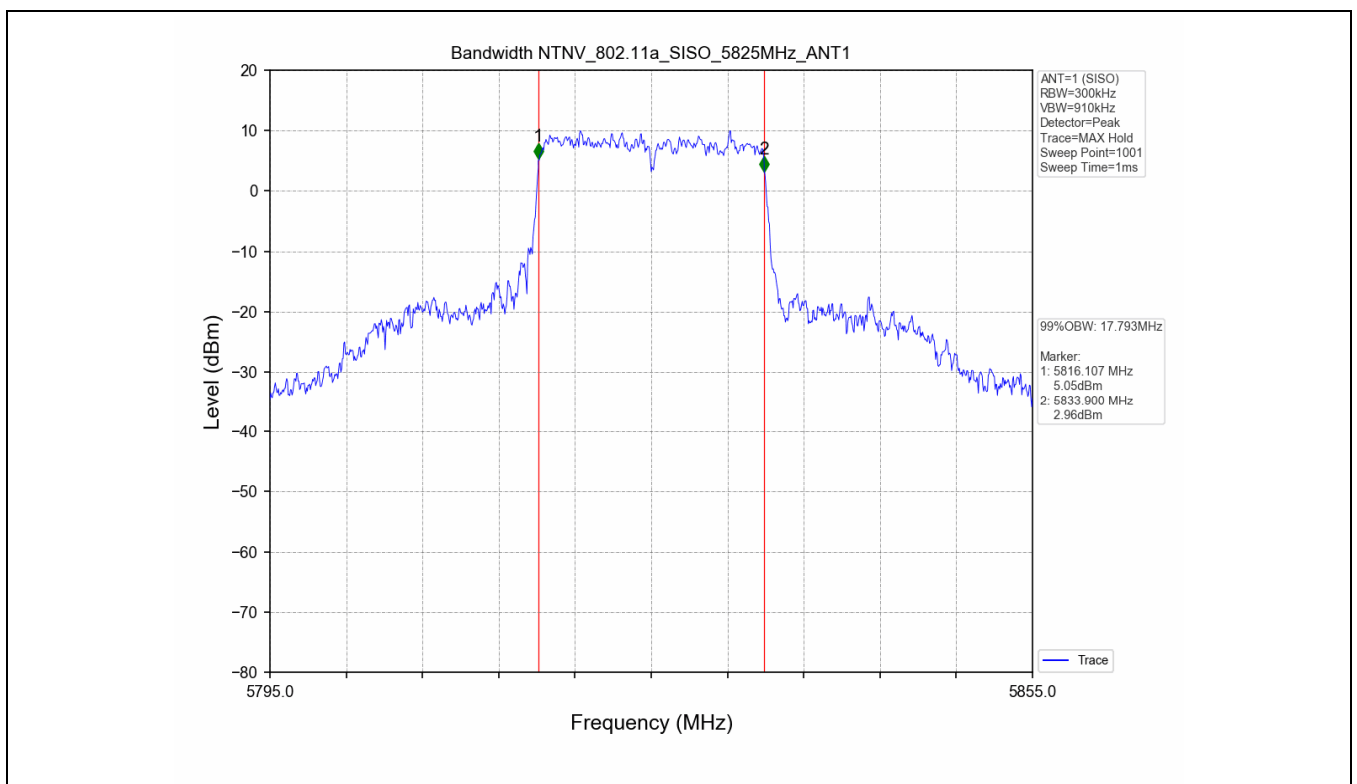
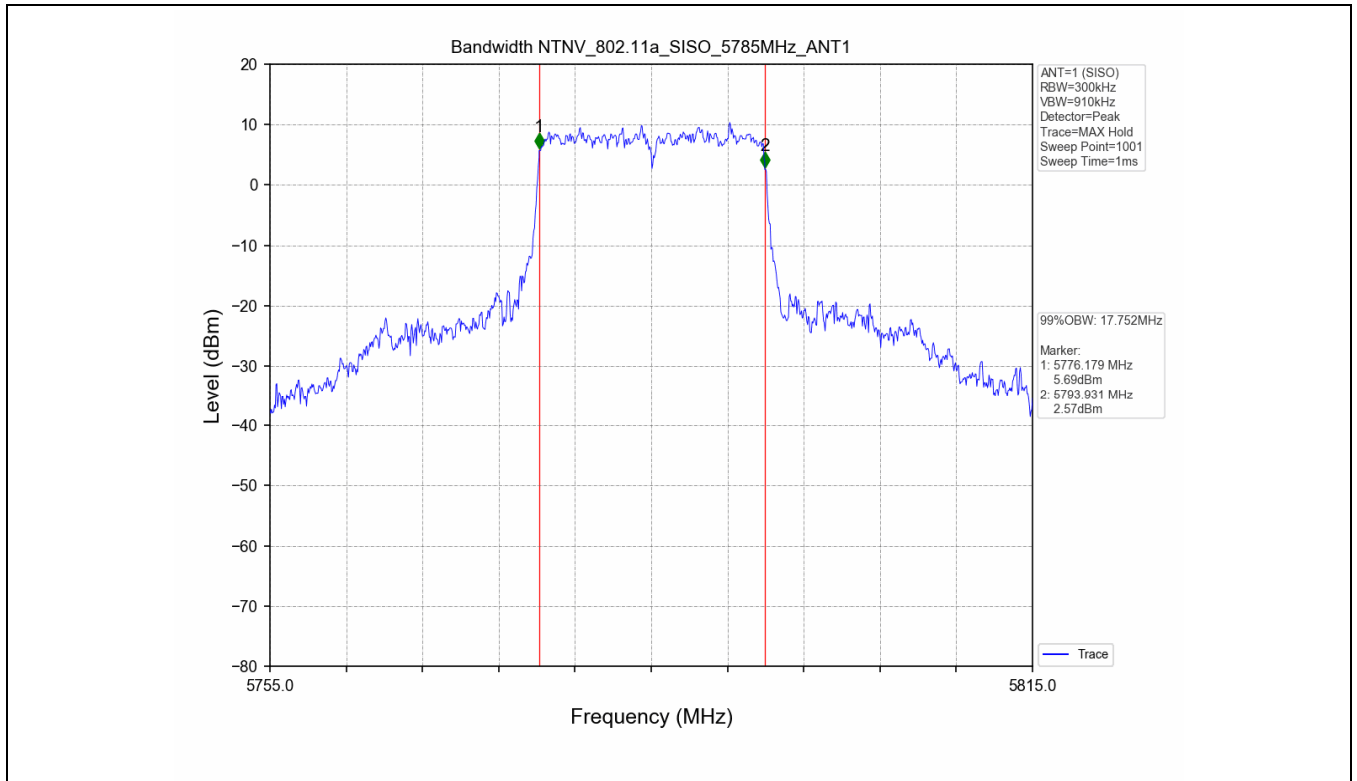


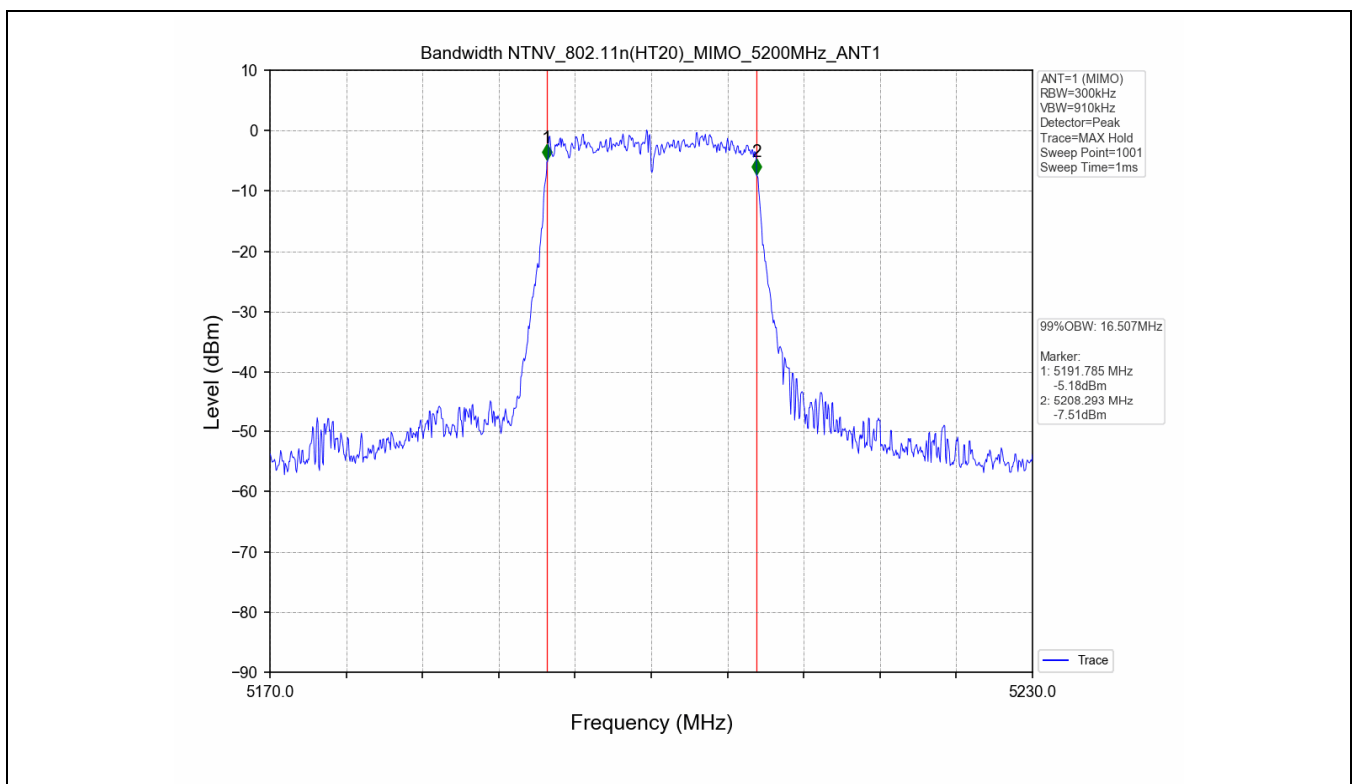
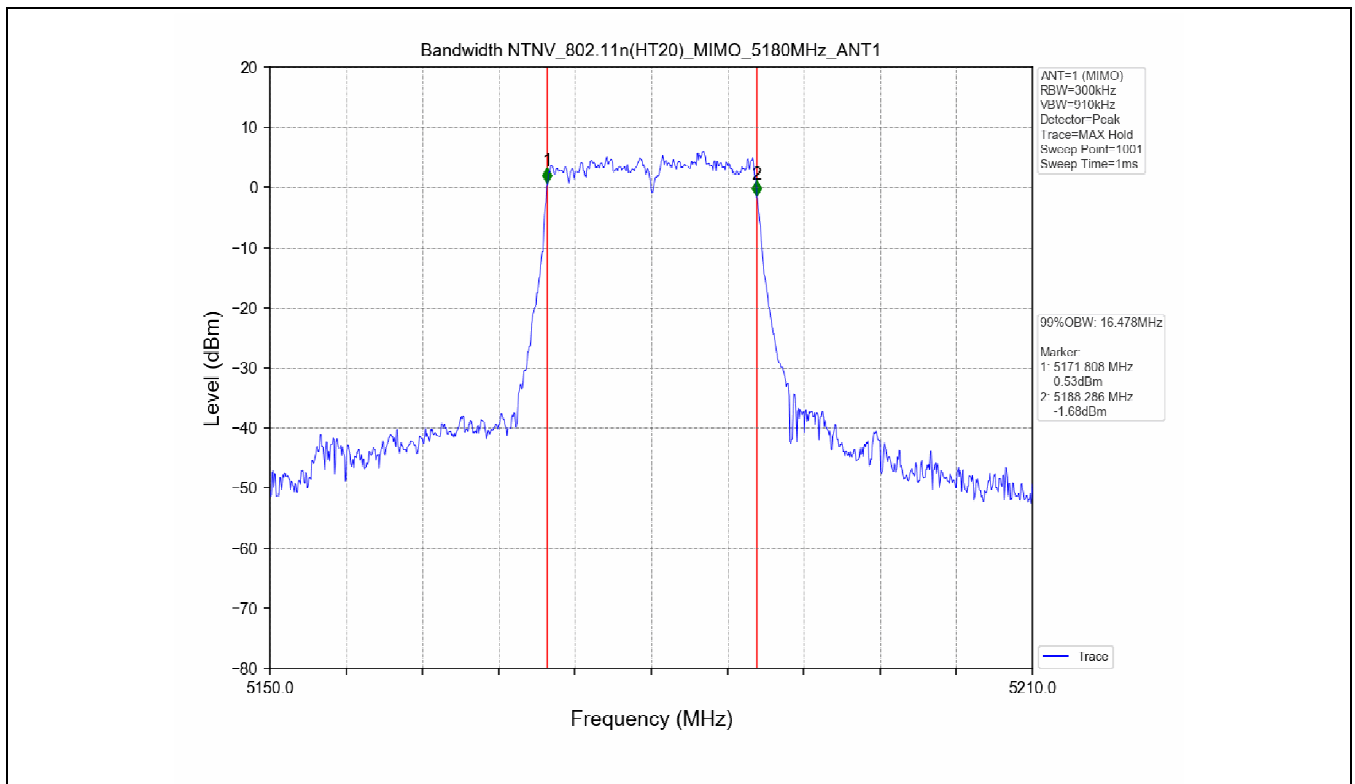


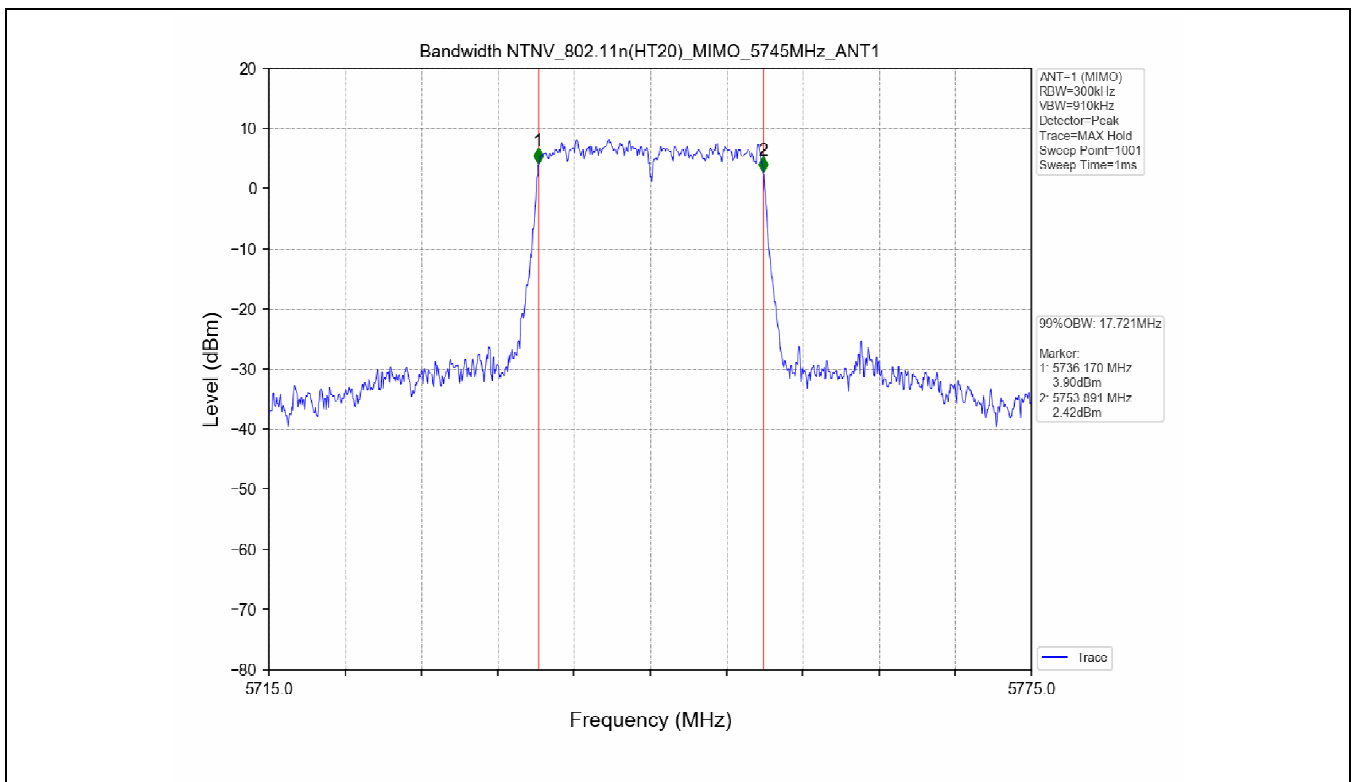
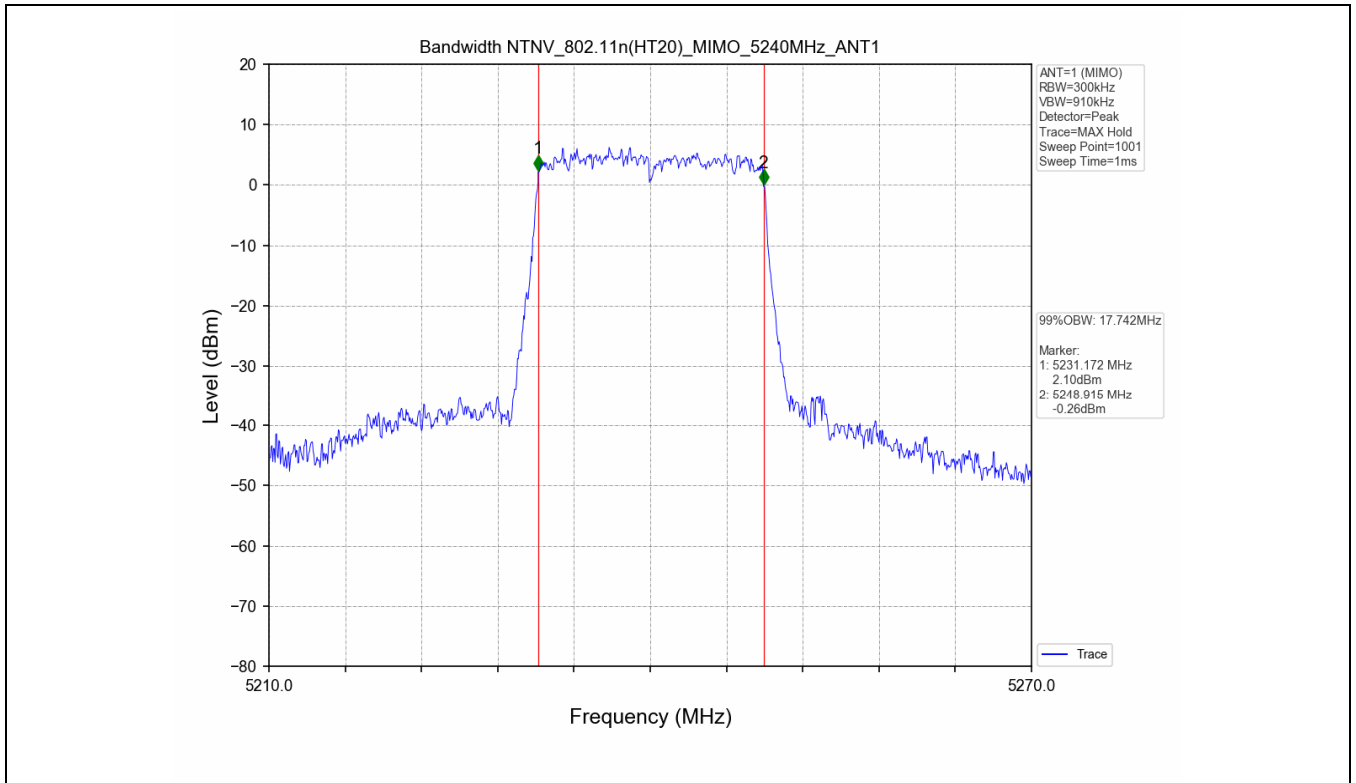
2.3 Test Graph - 99% Occupied Bandwidth

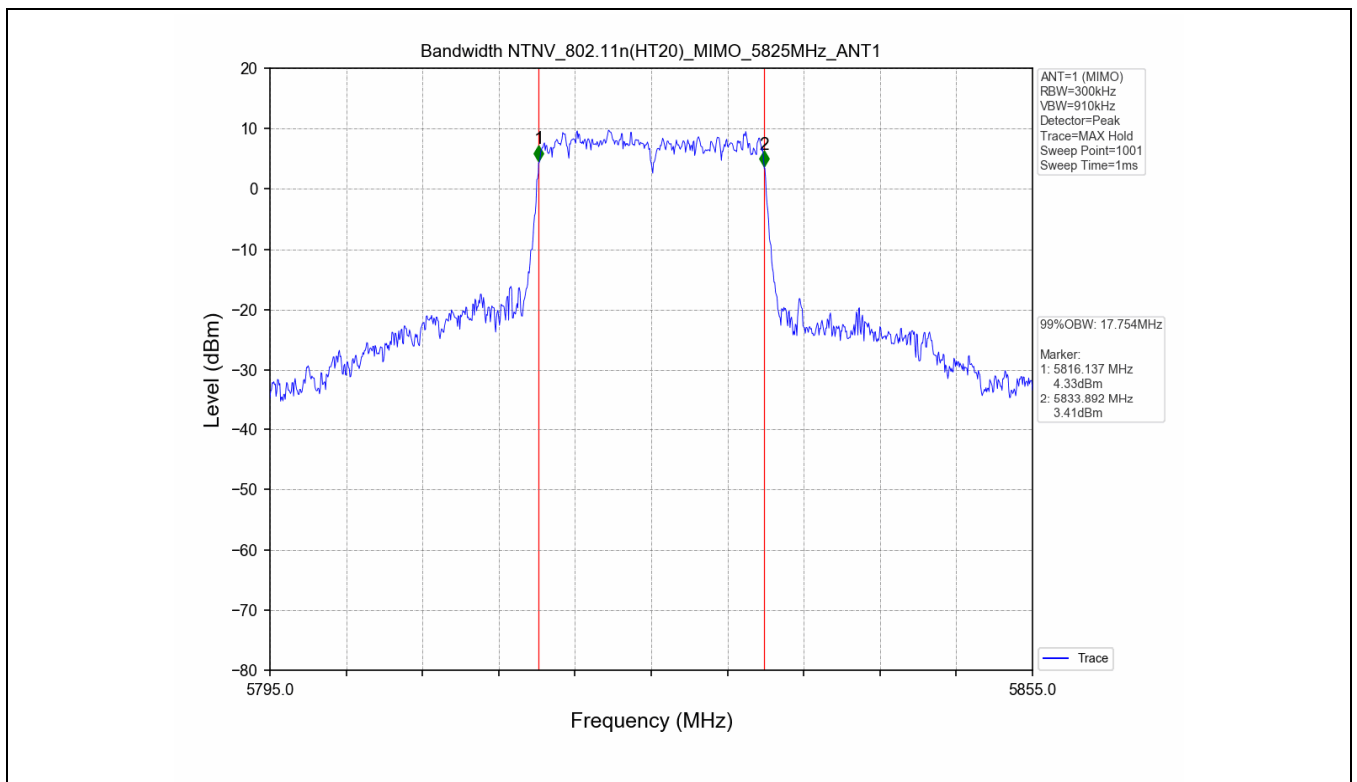
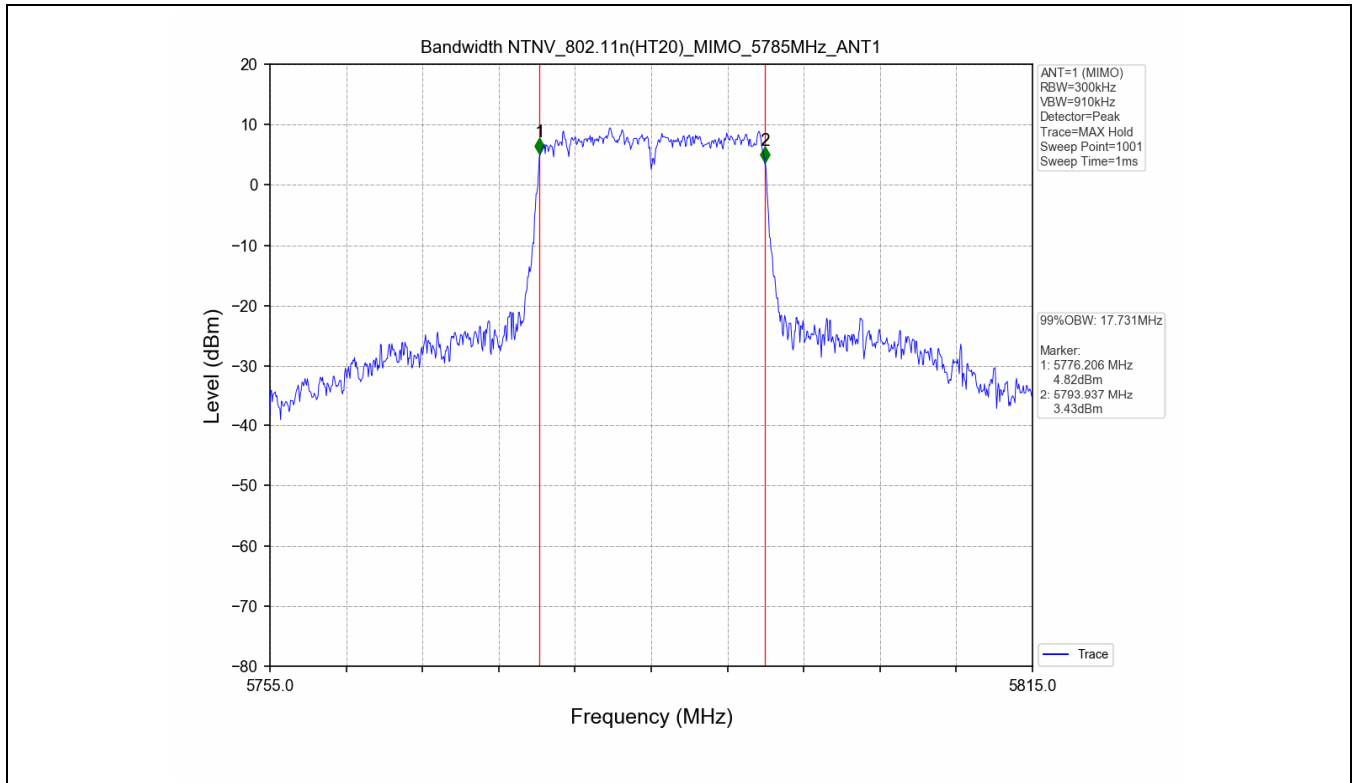


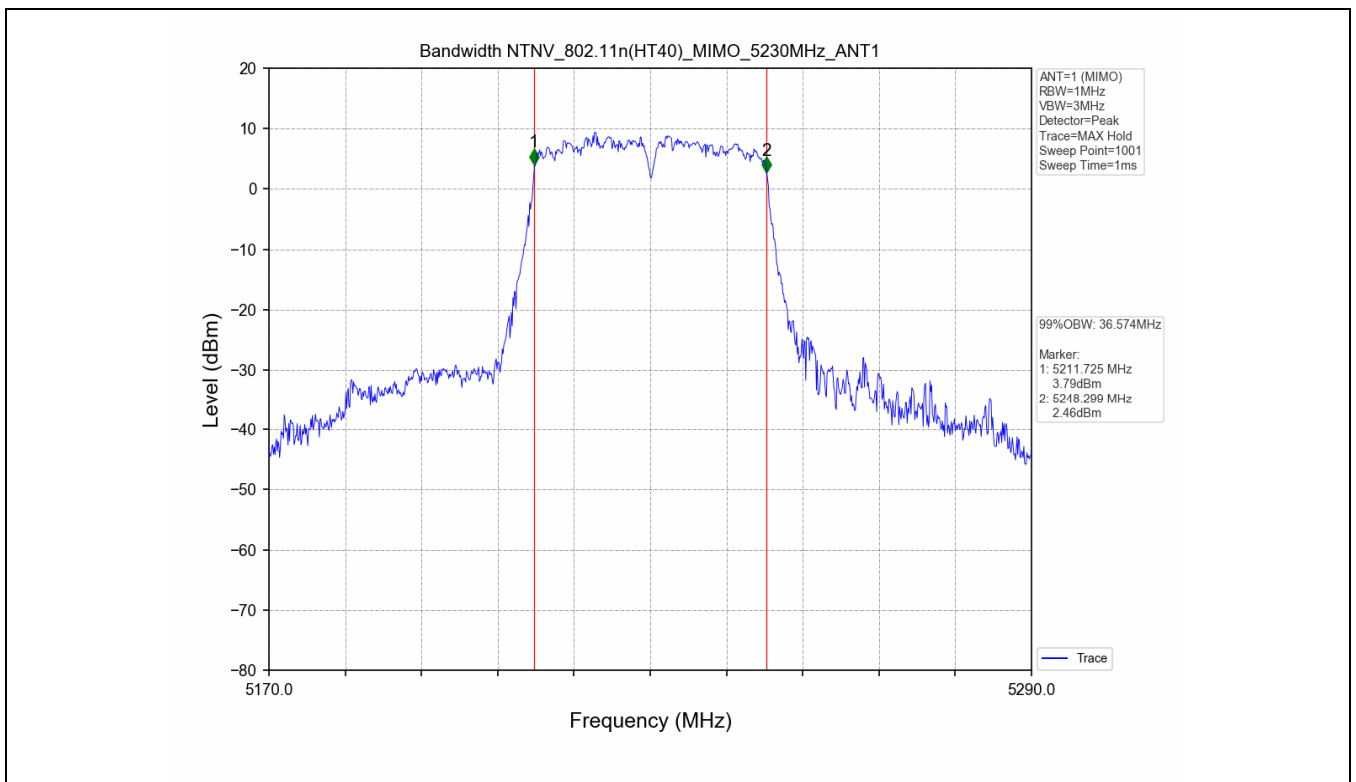
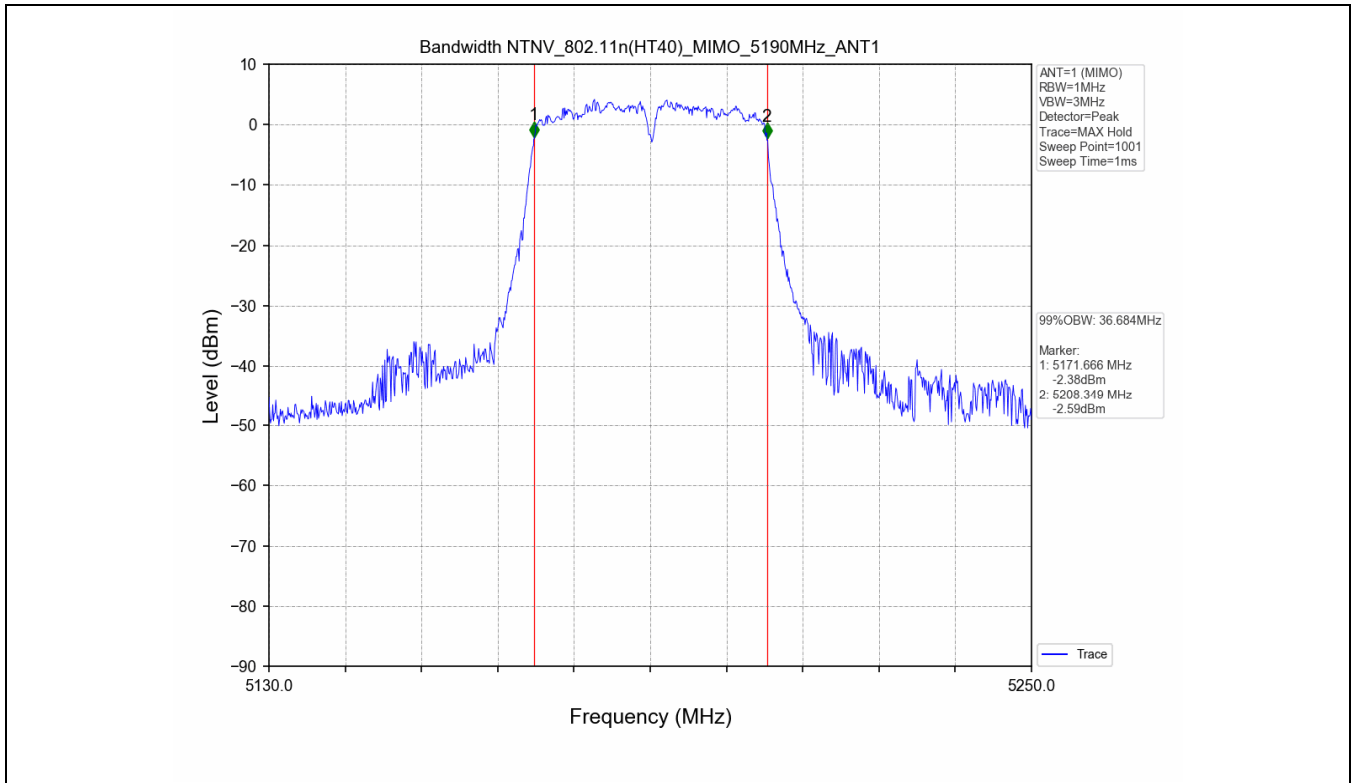


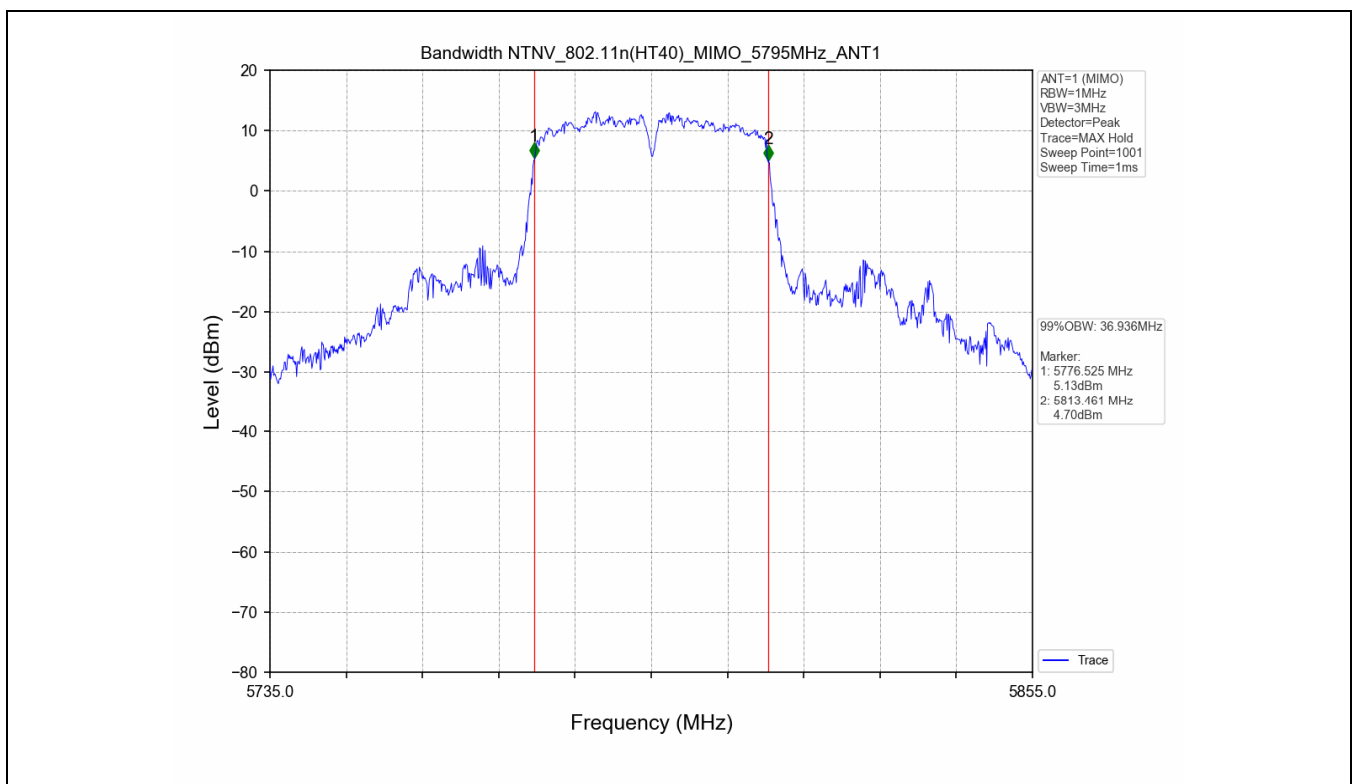
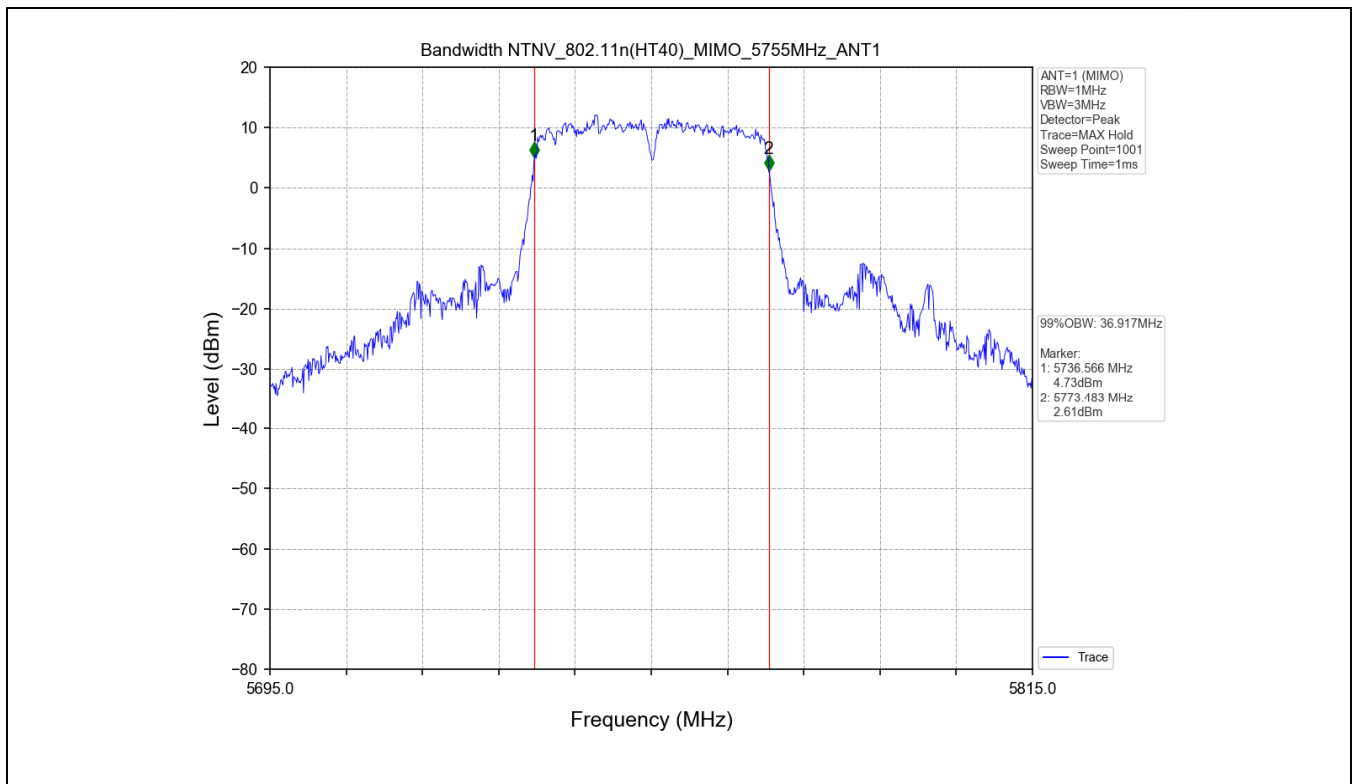


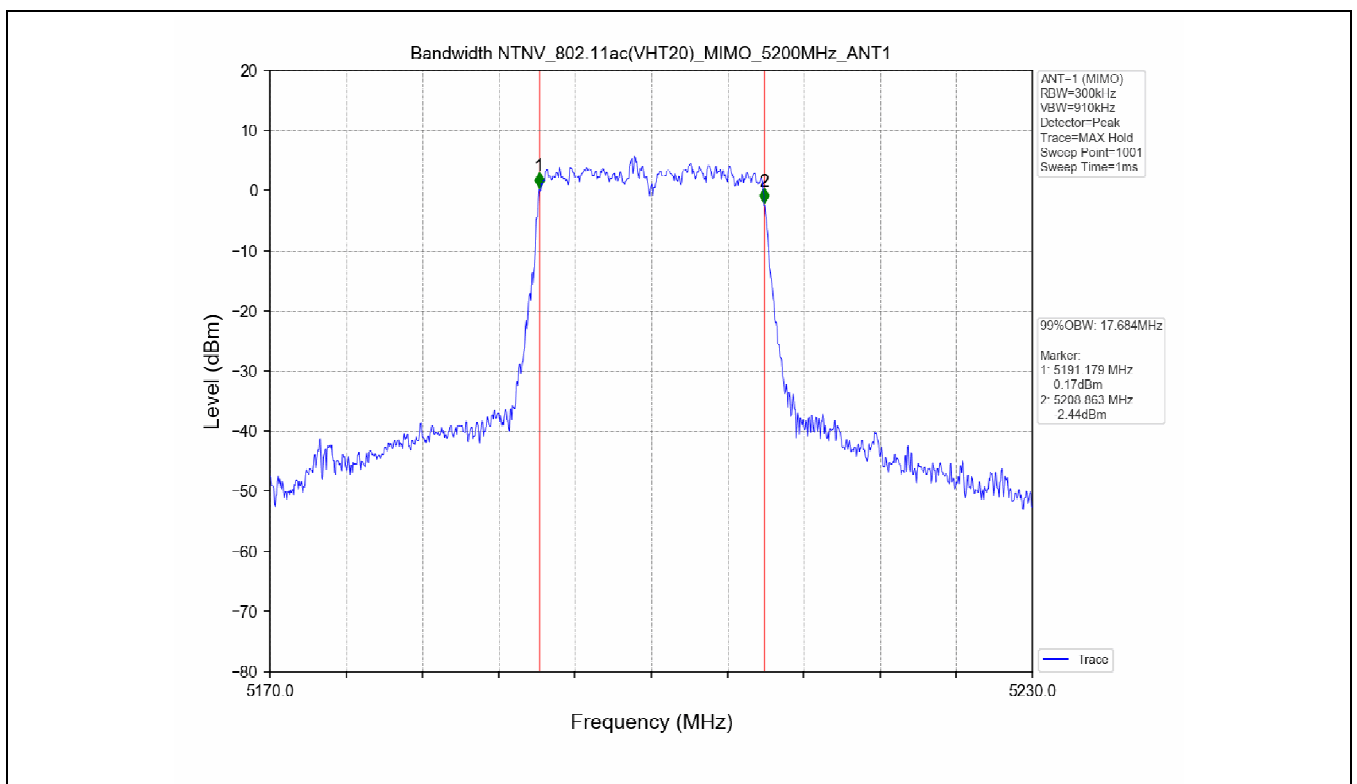
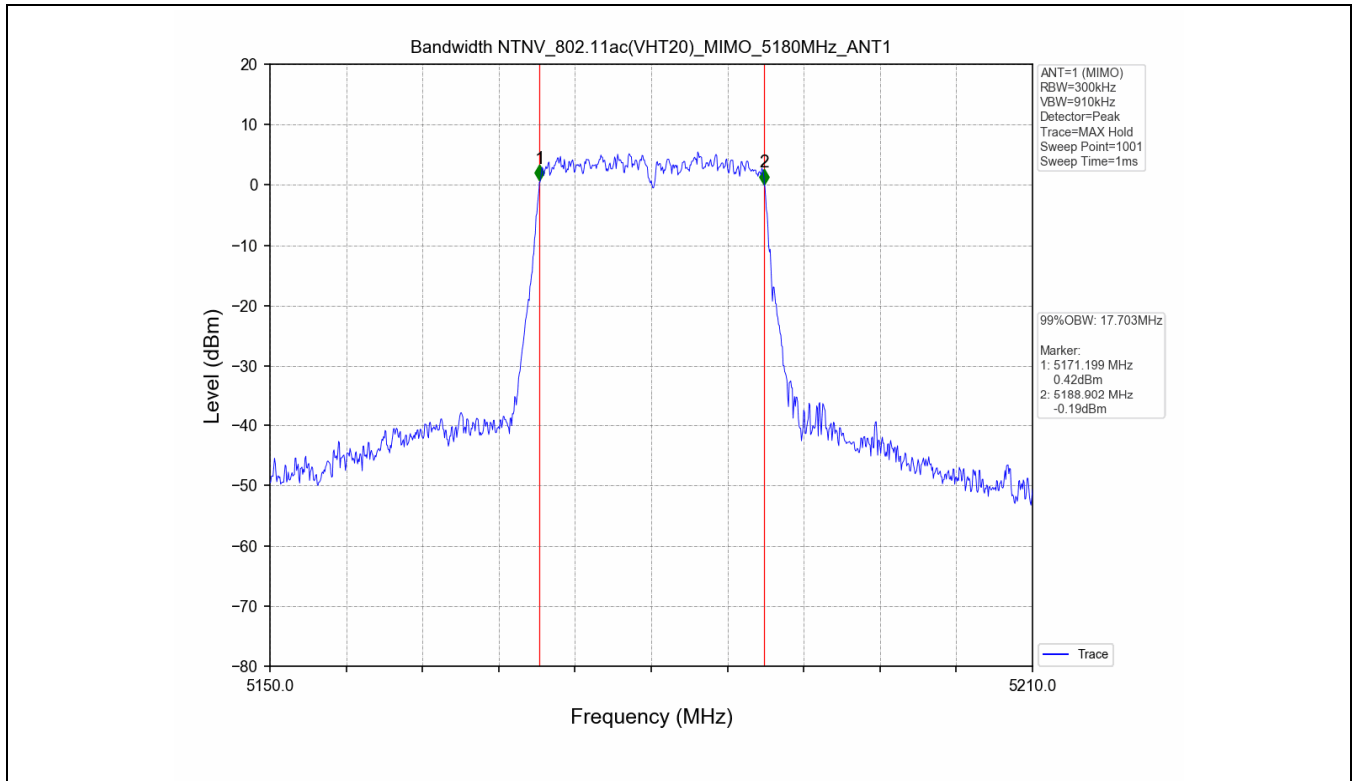


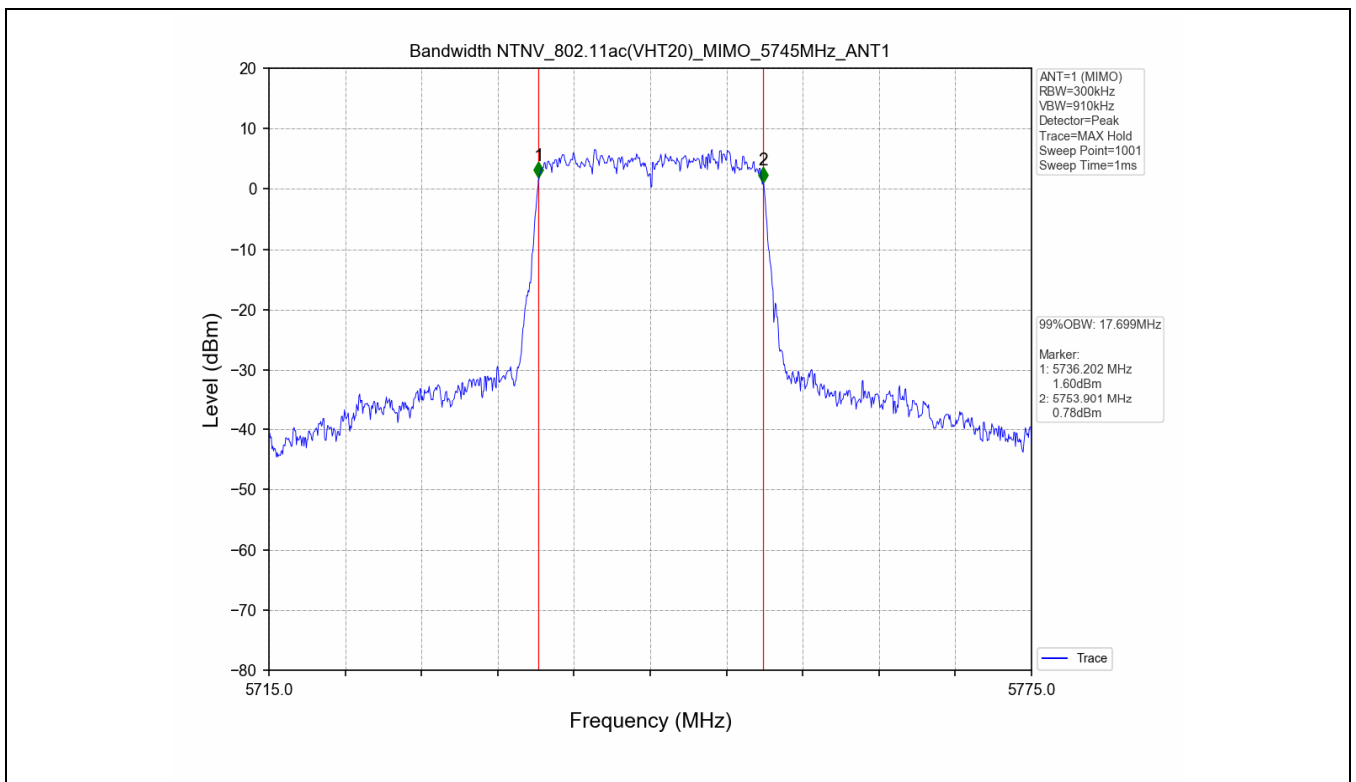
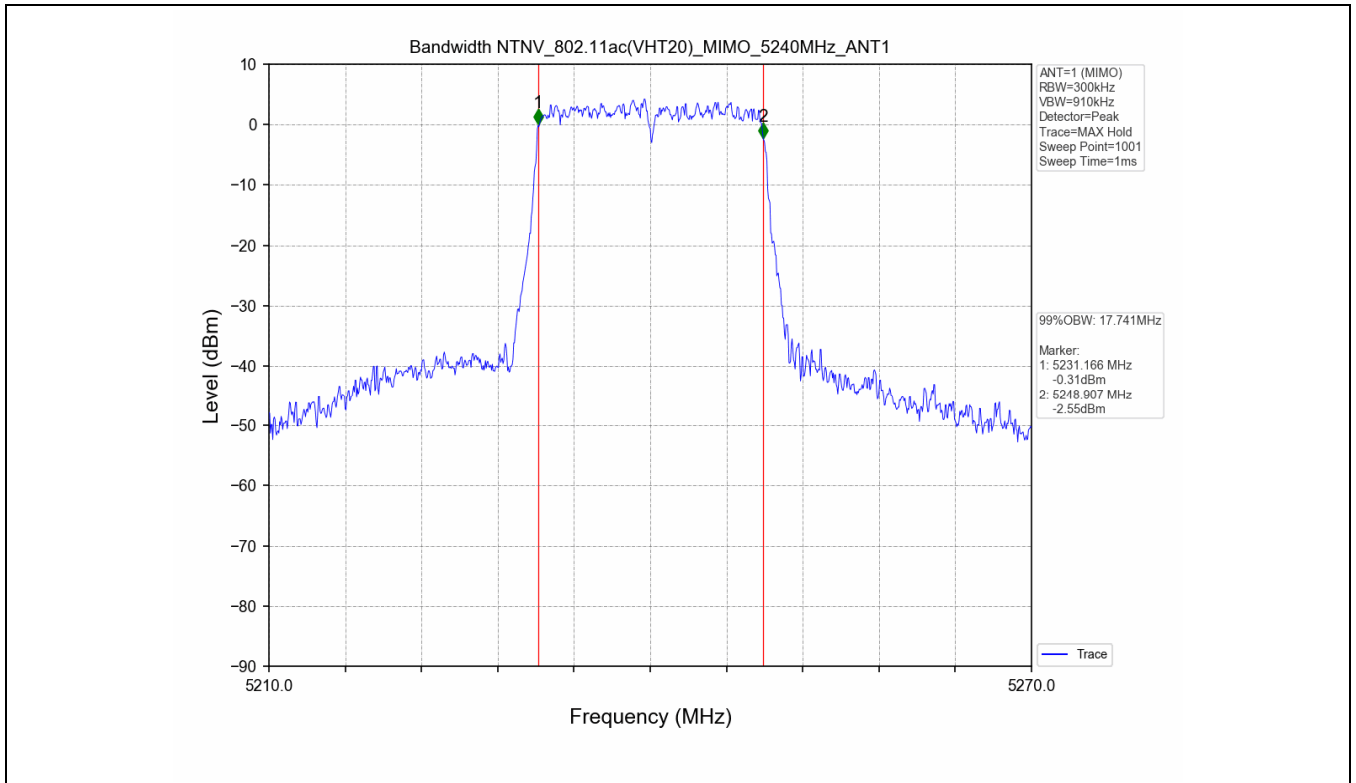


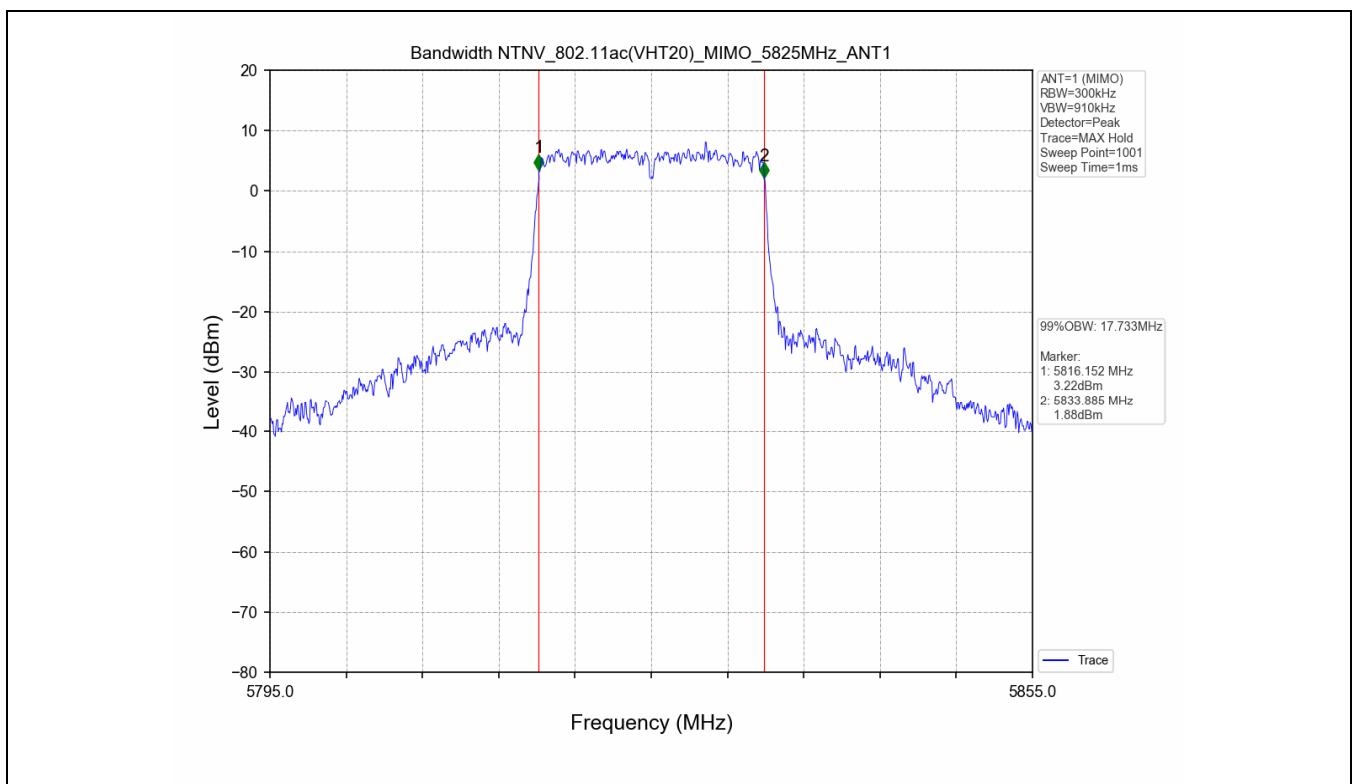
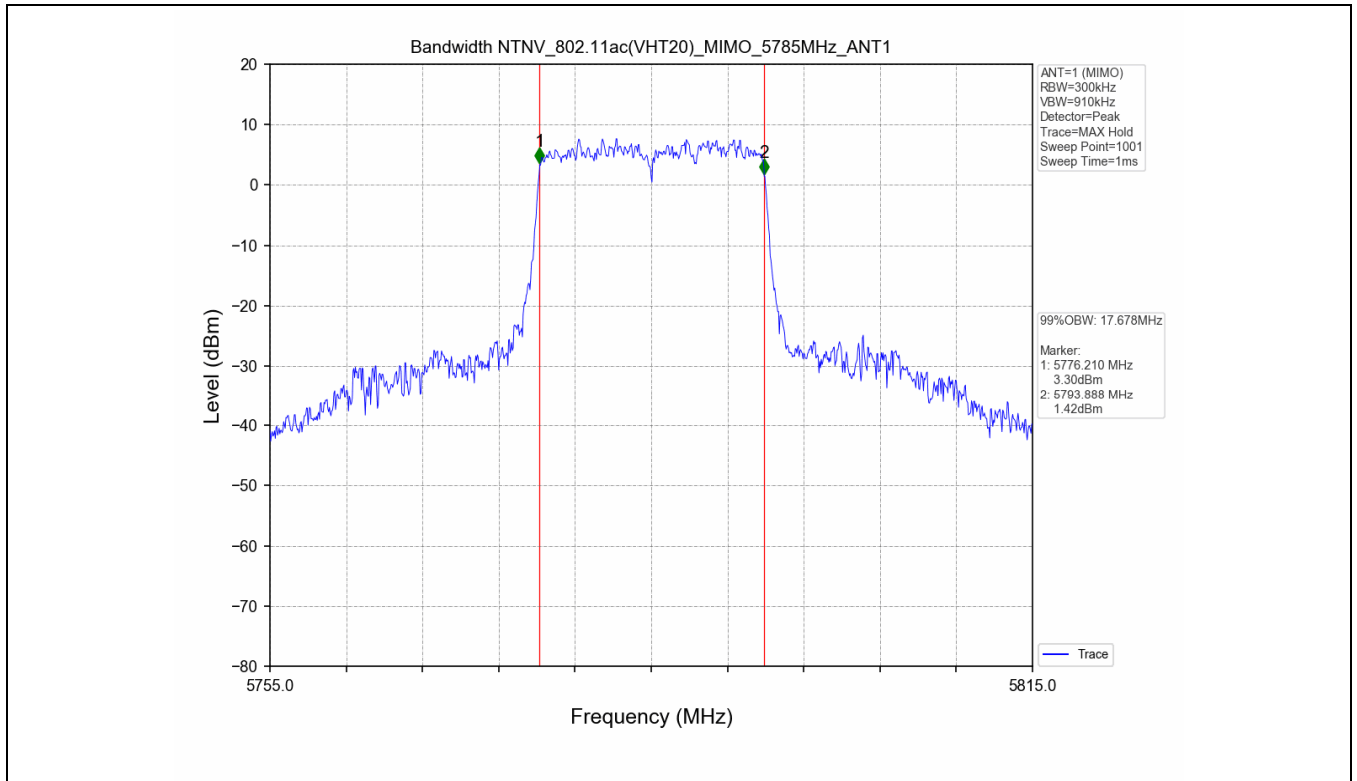


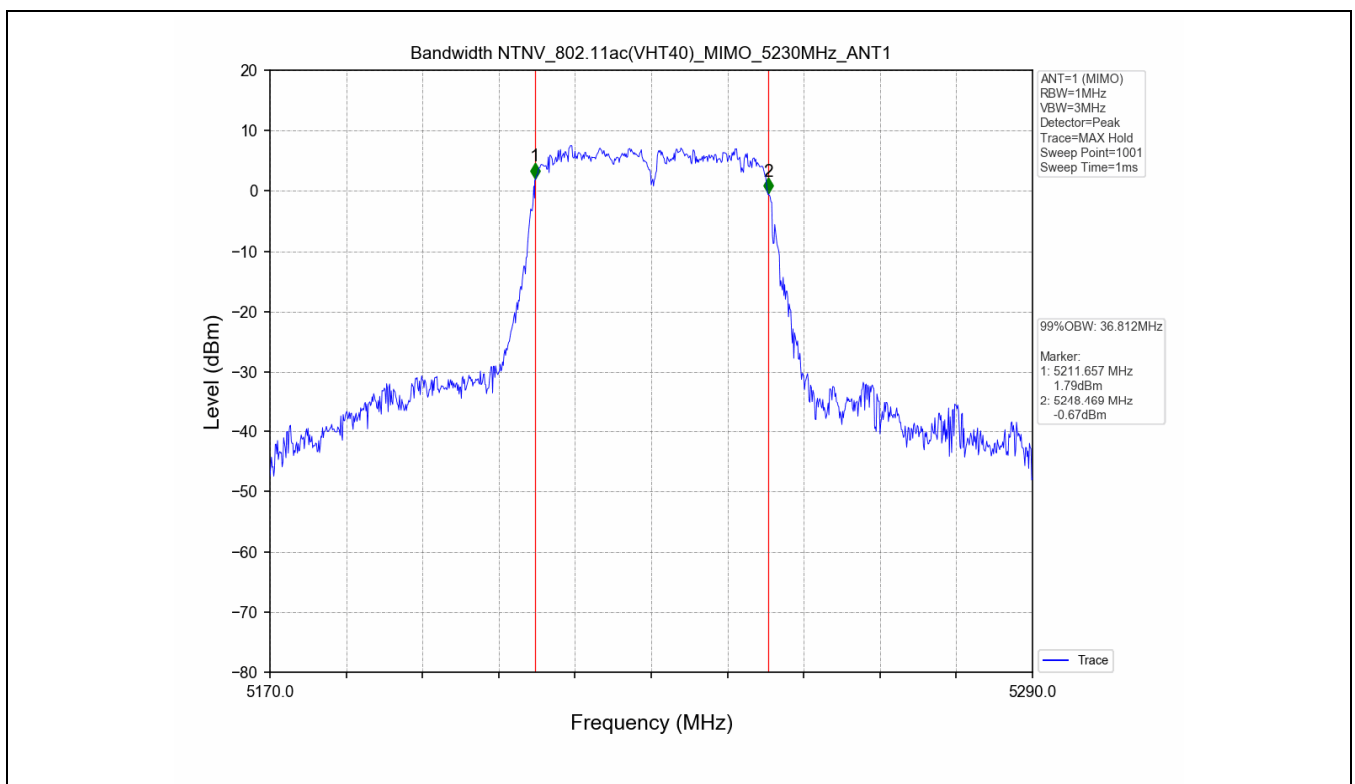
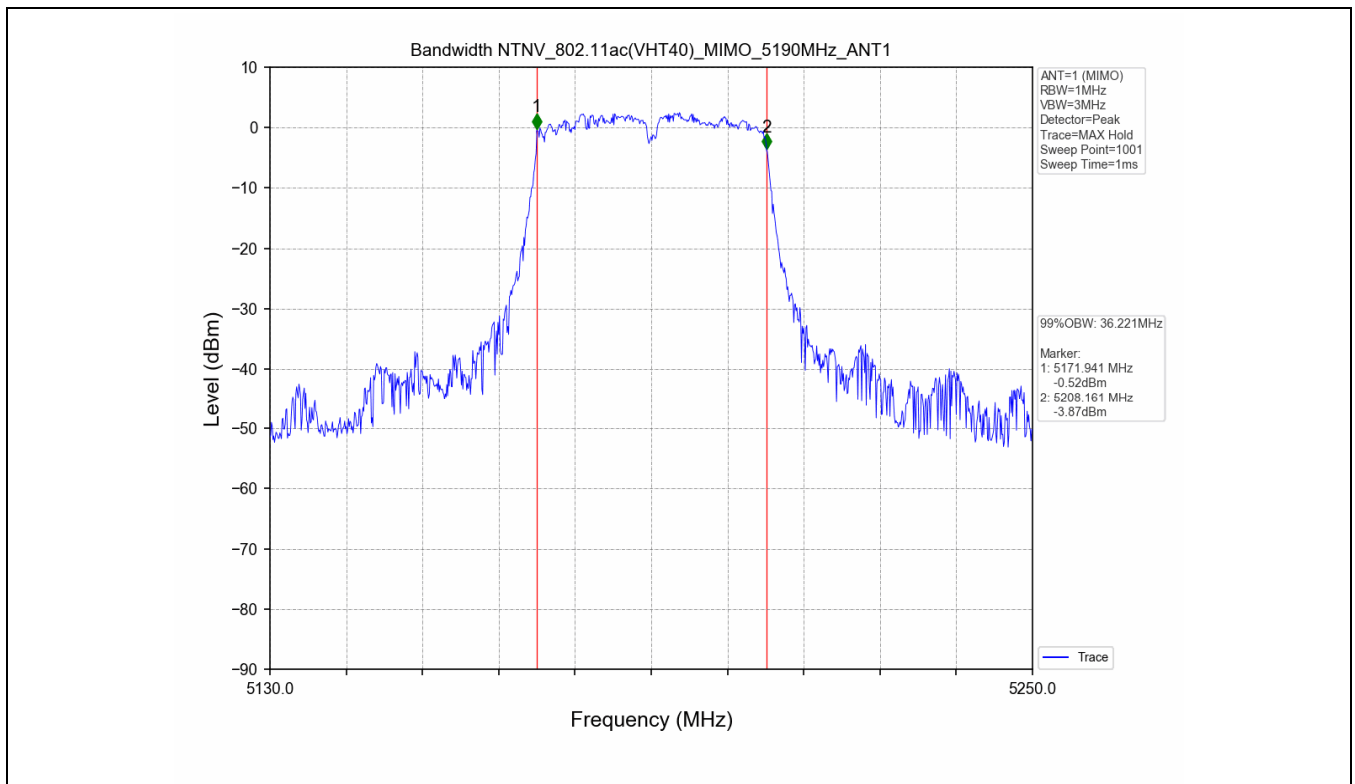


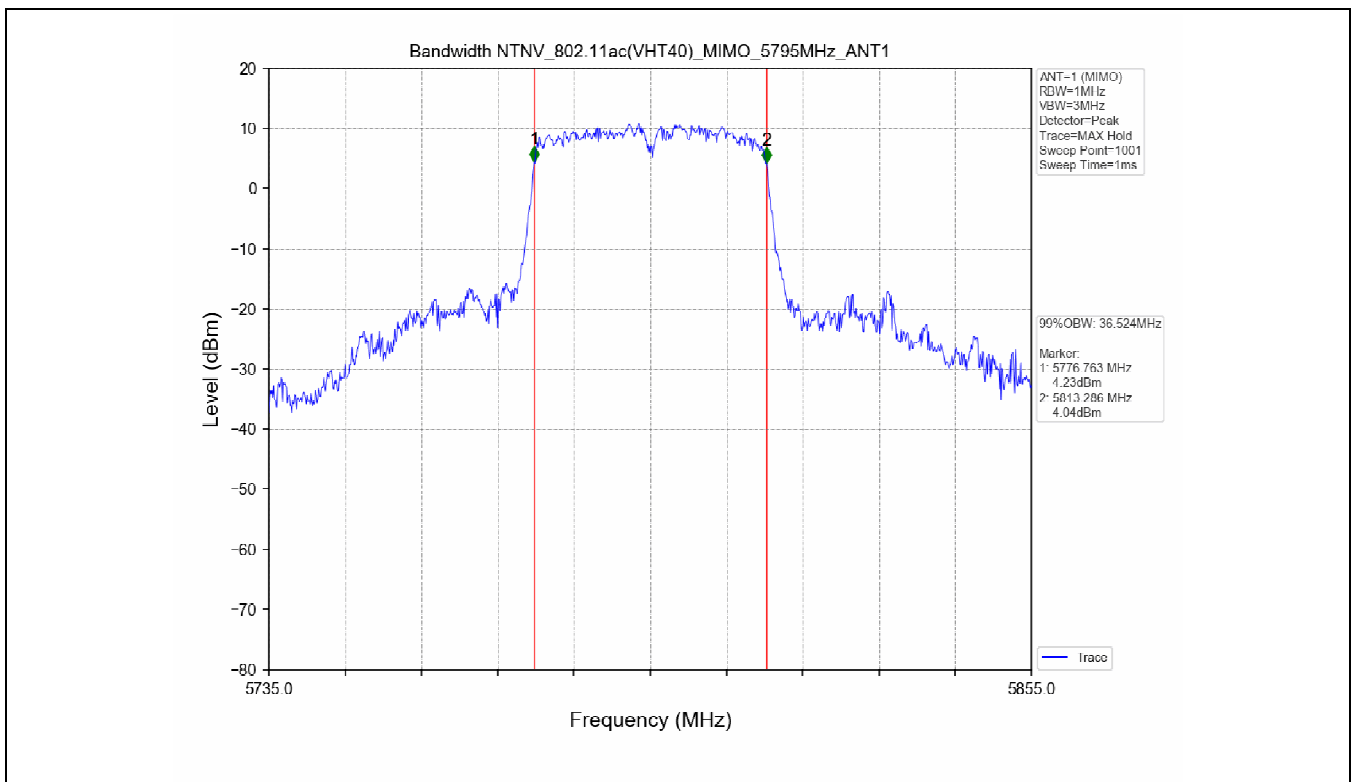
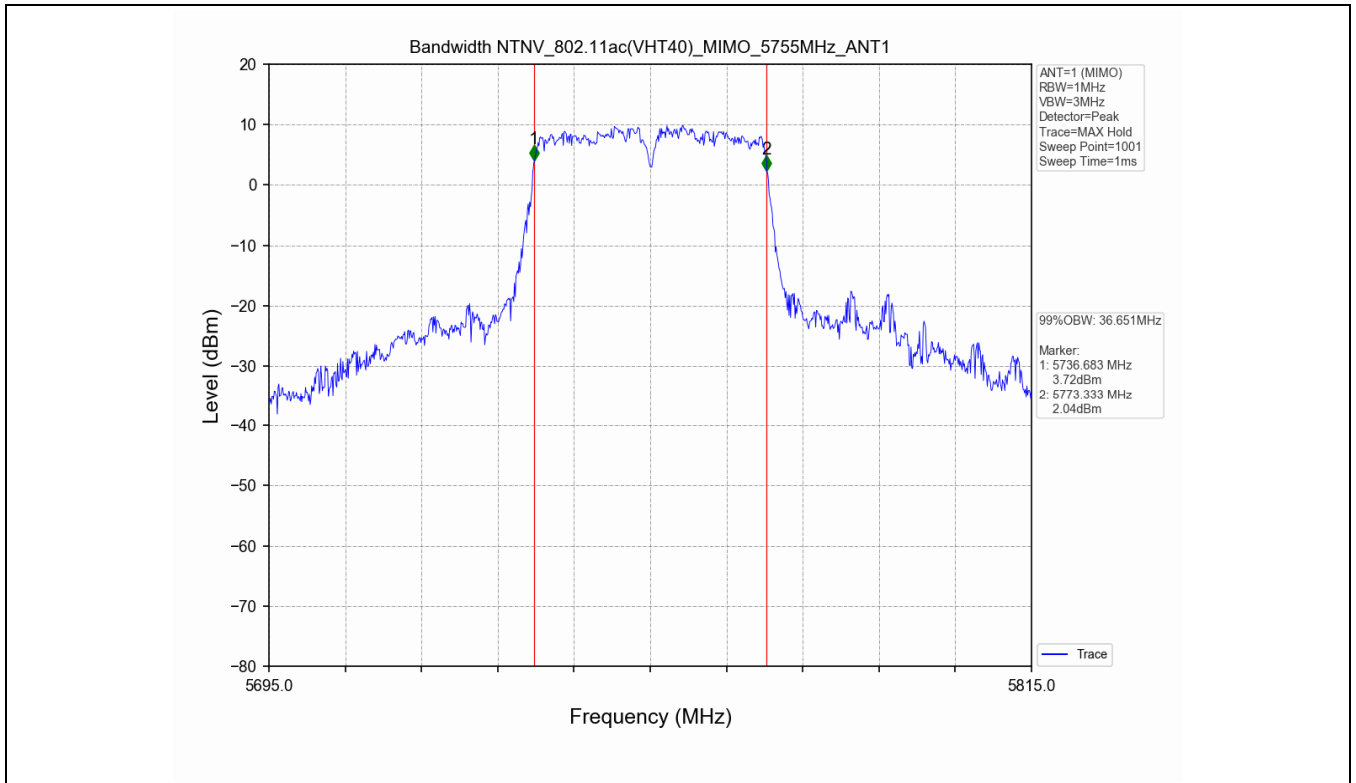






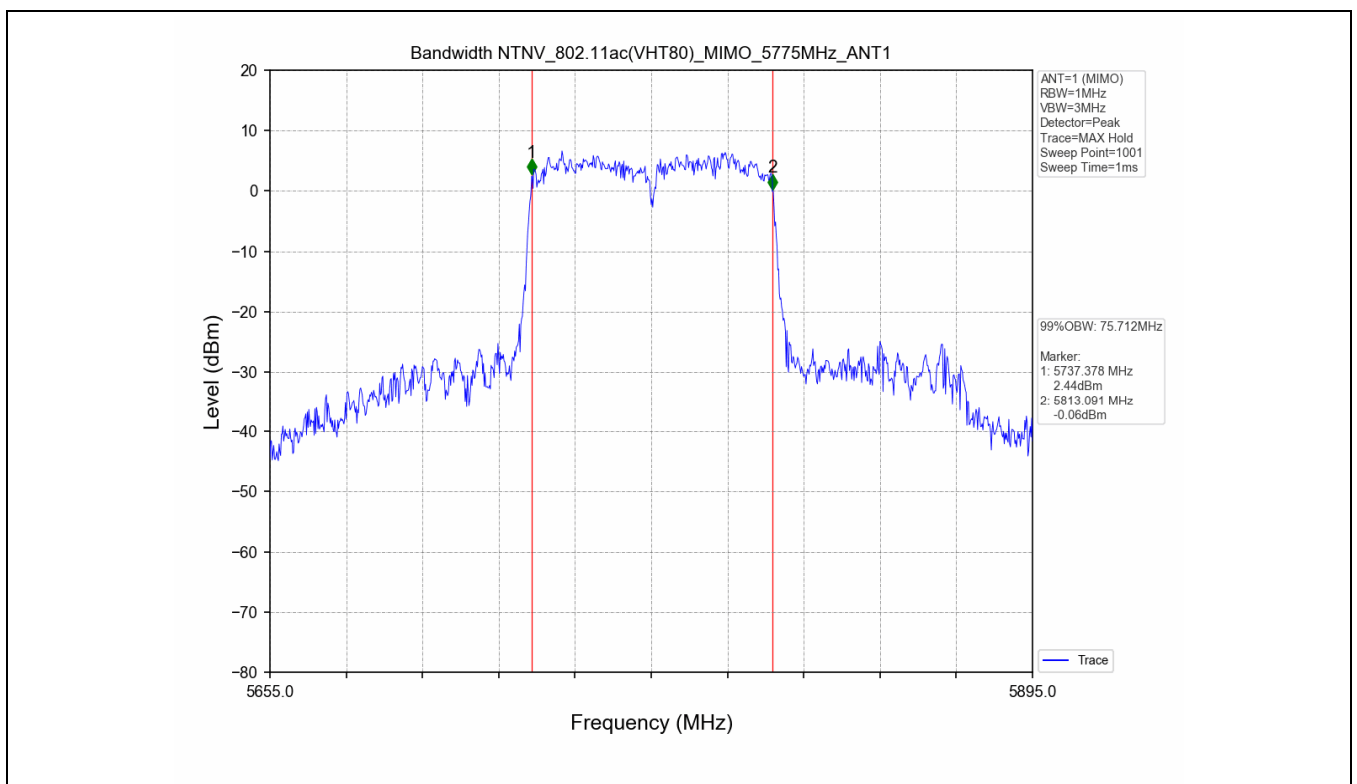
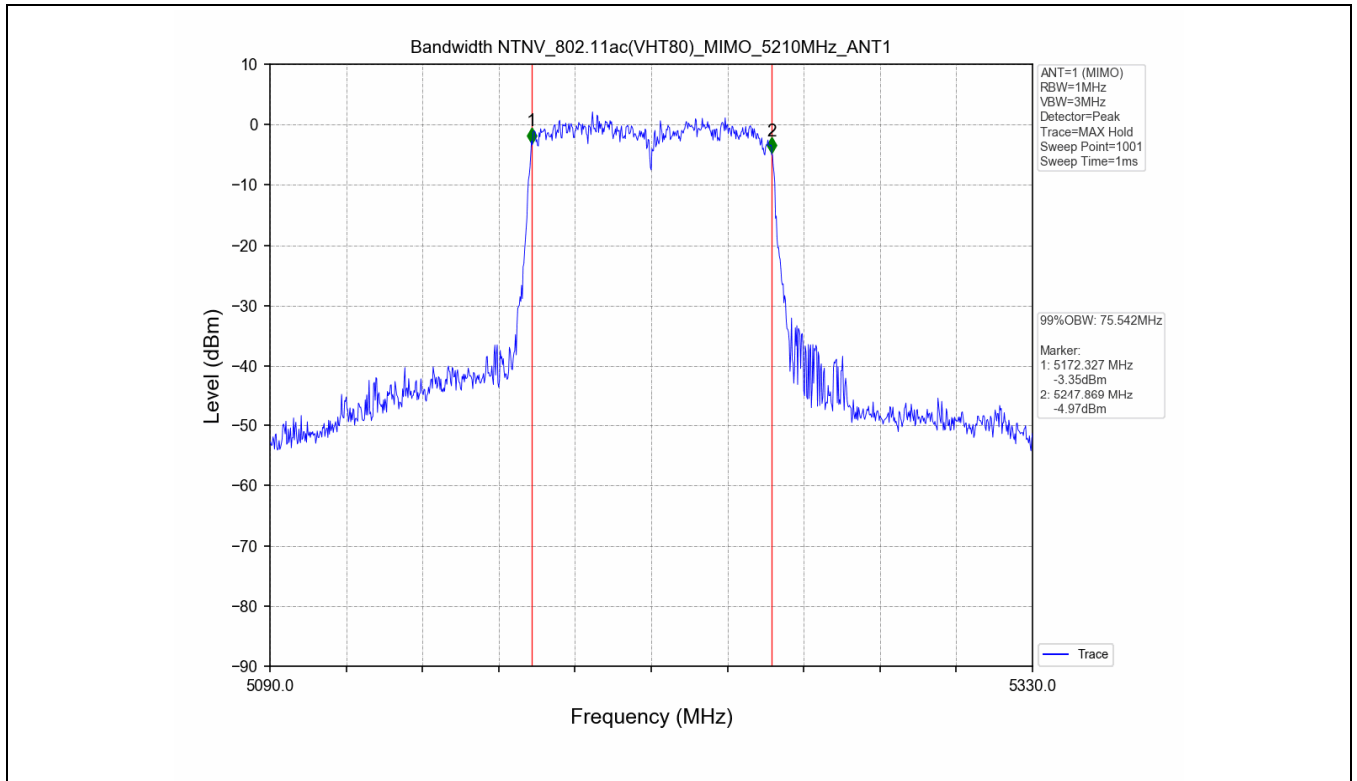






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3. Maximum Conducted Output Power

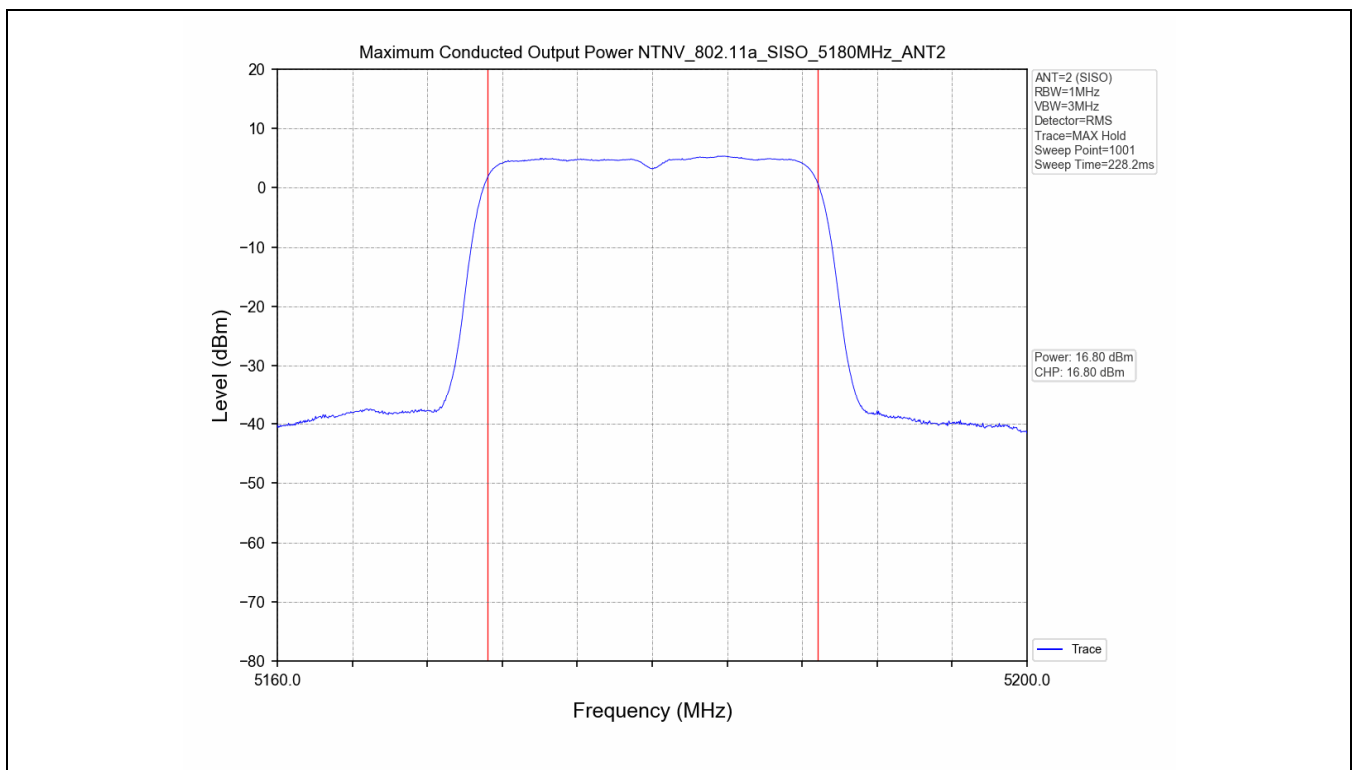
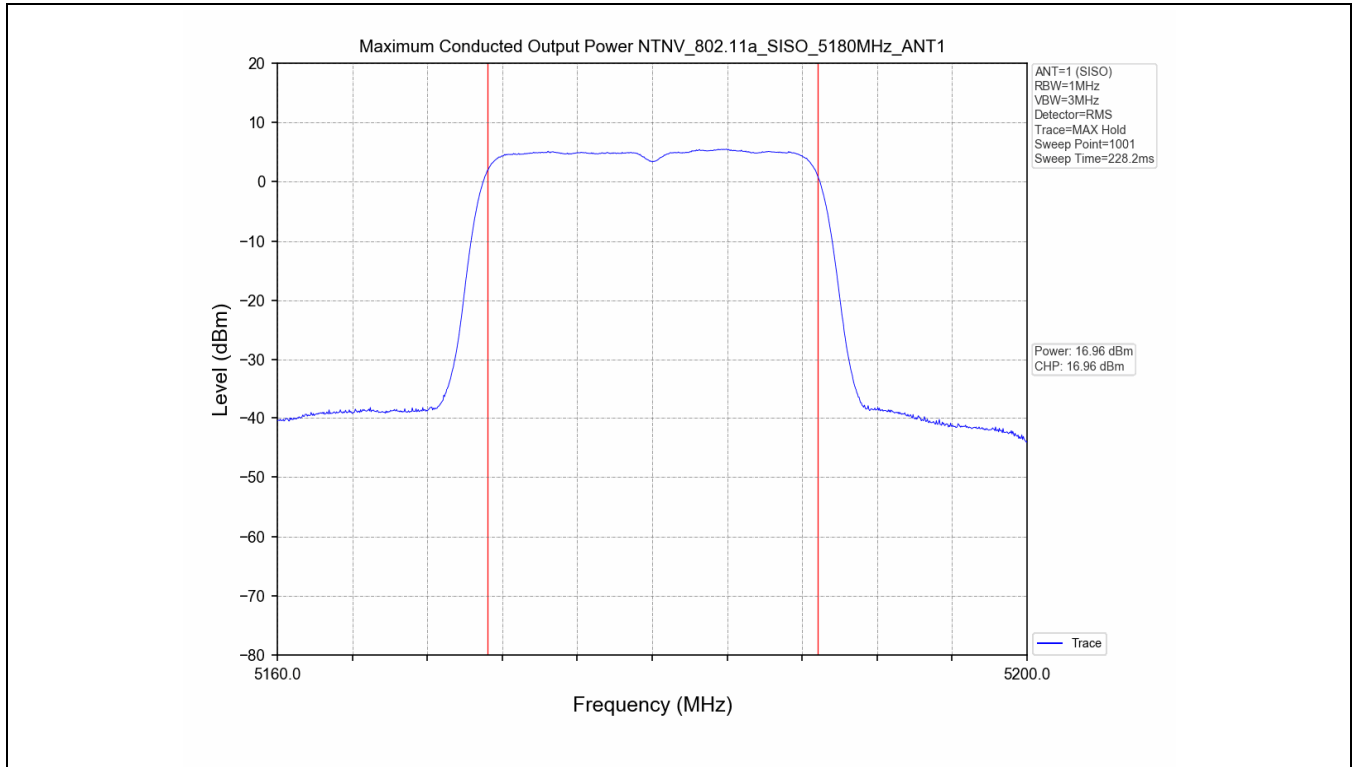
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			Limit (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5180	SISO	16.96	16.80	/	≤21.87	PASS
	5200	SISO	16.62	16.41	/	≤21.87	PASS
	5240	SISO	16.02	16.07	/	≤21.87	PASS
	5745	SISO	17.74	17.19	/	≤27.89	PASS
	5785	SISO	18.97	18.47	/	≤27.89	PASS
	5825	SISO	18.91	19.09	/	≤27.89	PASS
802.11n(HT20)	5180	MIMO	13.76	13.67	16.73	≤21.87	PASS
	5200	MIMO	8.54	9.41	12.01	≤21.87	PASS
	5240	MIMO	14.88	14.70	17.80	≤21.87	PASS
	5745	MIMO	17.35	16.78	20.08	≤27.89	PASS
	5785	MIMO	18.57	17.97	21.29	≤27.89	PASS
	5825	MIMO	18.57	18.78	21.69	≤27.89	PASS
802.11n(HT40)	5190	MIMO	10.42	11.25	13.87	≤21.87	PASS
	5230	MIMO	15.16	15.04	18.11	≤21.87	PASS
	5755	MIMO	18.03	16.63	20.40	≤27.89	PASS
	5795	MIMO	19.10	18.25	21.71	≤27.89	PASS
802.11ac(VHT20)	5180	MIMO	14.55	14.10	17.34	≤21.87	PASS
	5200	MIMO	13.54	13.59	16.58	≤21.87	PASS
	5240	MIMO	13.16	13.14	16.16	≤21.87	PASS
	5745	MIMO	15.84	15.40	18.64	≤27.89	PASS
	5785	MIMO	16.96	16.42	19.71	≤27.89	PASS
	5825	MIMO	16.92	17.09	20.02	≤27.89	PASS
802.11ac(VHT40)	5190	MIMO	9.16	9.63	12.41	≤21.87	PASS
	5230	MIMO	13.79	13.58	16.70	≤21.87	PASS
	5755	MIMO	16.14	14.81	18.54	≤27.89	PASS
	5795	MIMO	17.23	16.31	19.80	≤27.89	PASS
802.11ac(VHT80)	5210	MIMO	10.89	10.51	13.71	≤21.87	PASS
	5775	MIMO	15.62	13.94	17.87	≤27.89	PASS

Remark: Directional gain = $G_{ANT} + 10 \cdot \log(N_{ANT}/N_{SS}) = 5.1 + 10 \cdot \log(2/1) = 8.11 \text{ dBi}$.

So, the limit of UNII Band I is 21.87dBm; the limit of UNII Band III is 27.89dBm

3.2 Test Graph



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