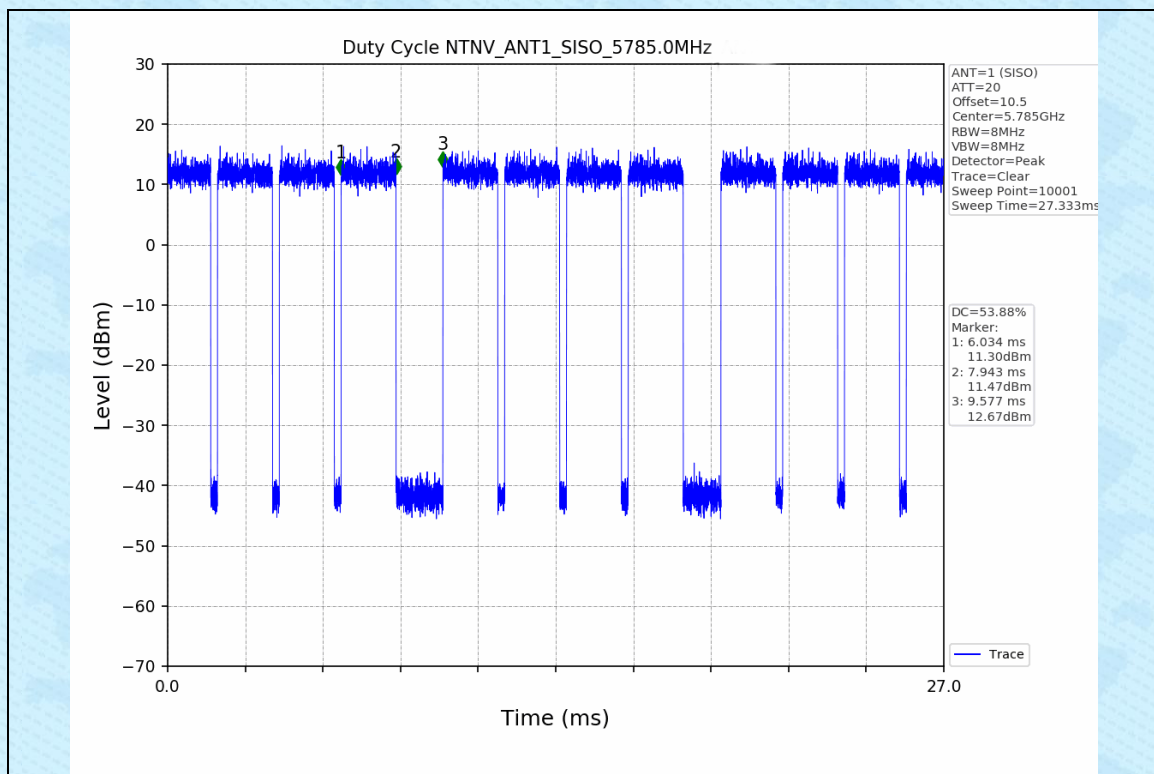
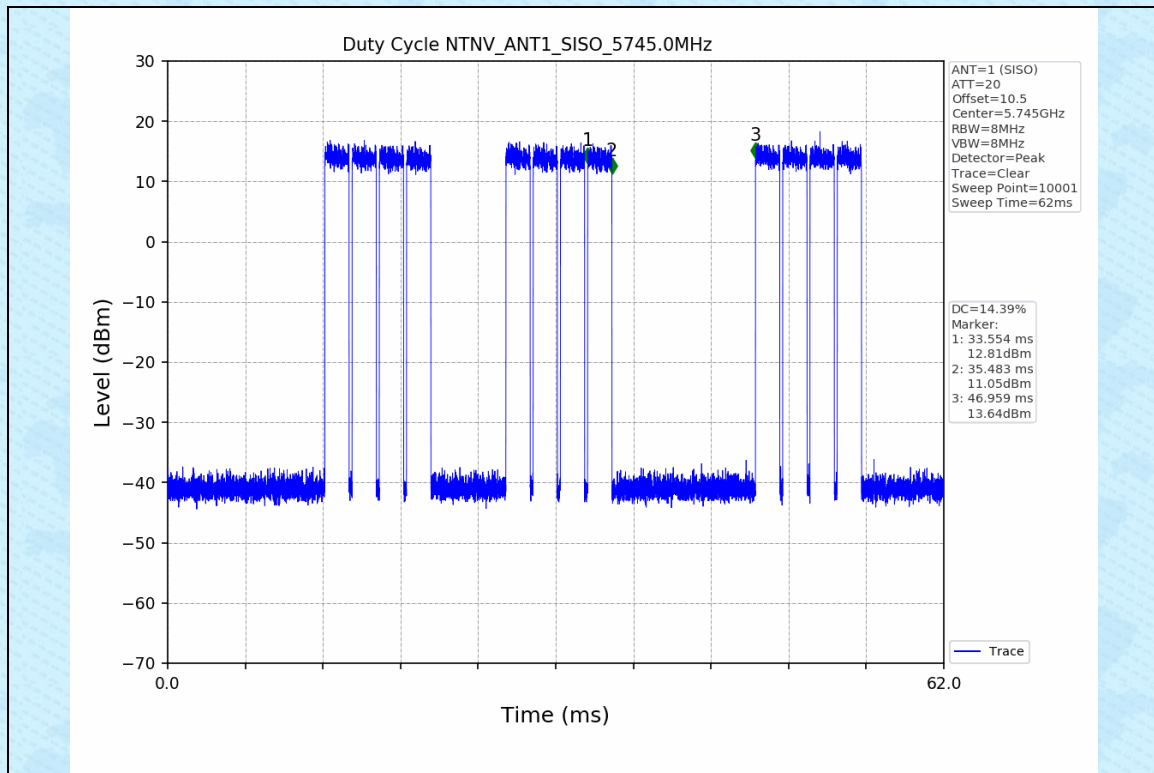
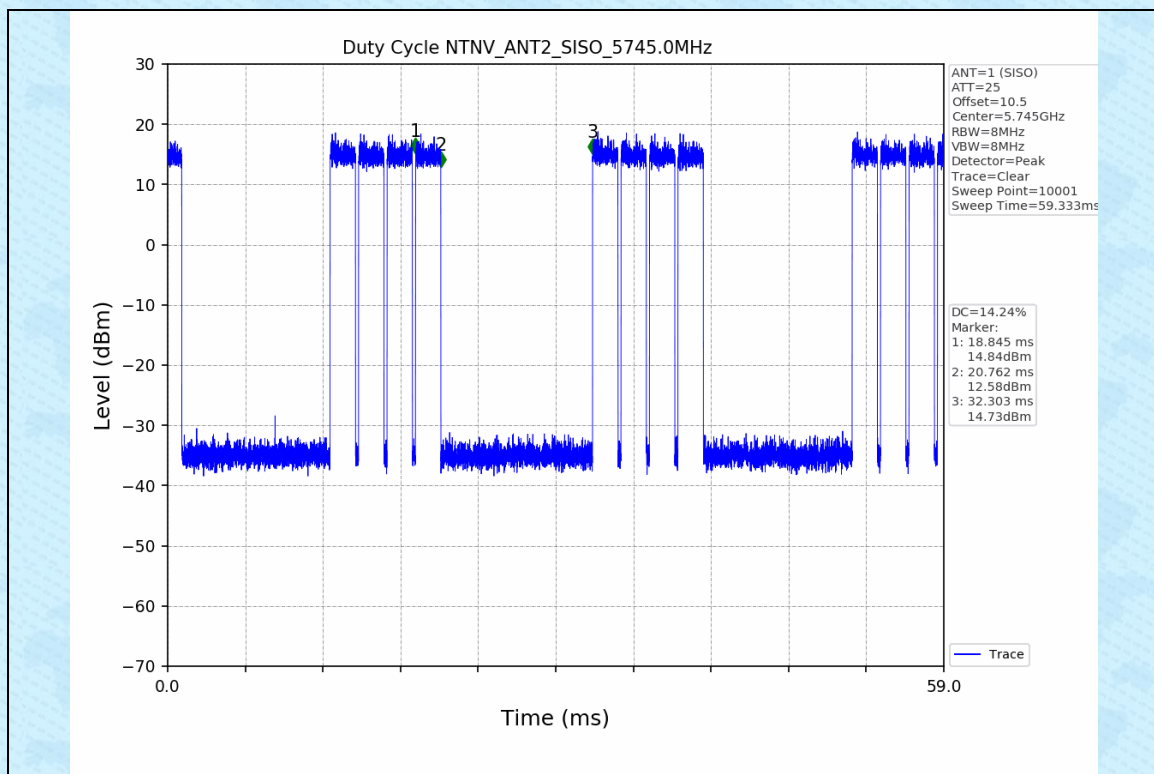
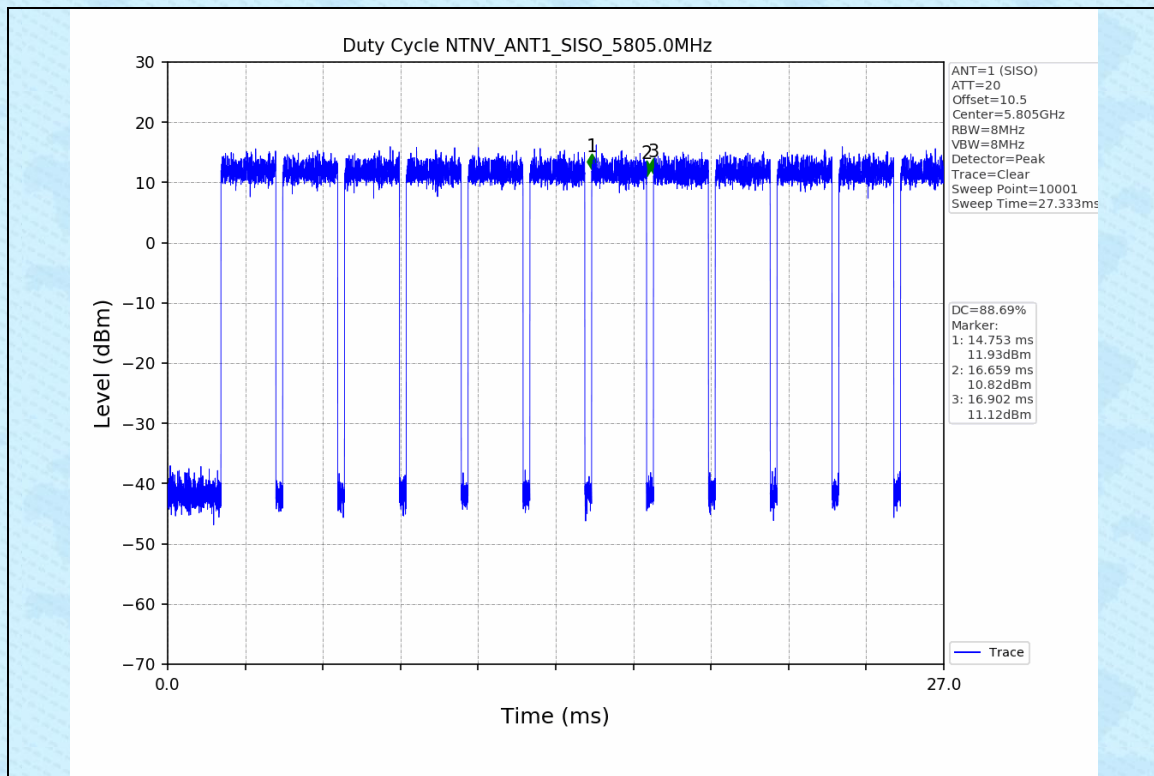


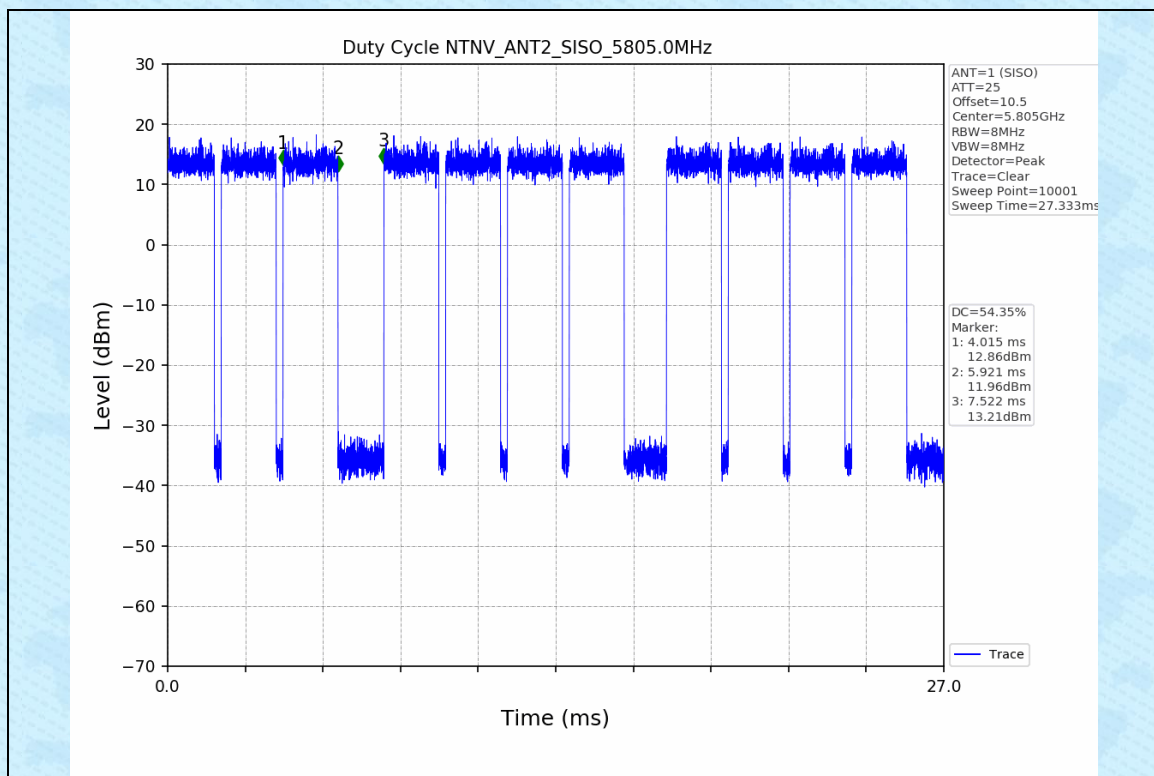
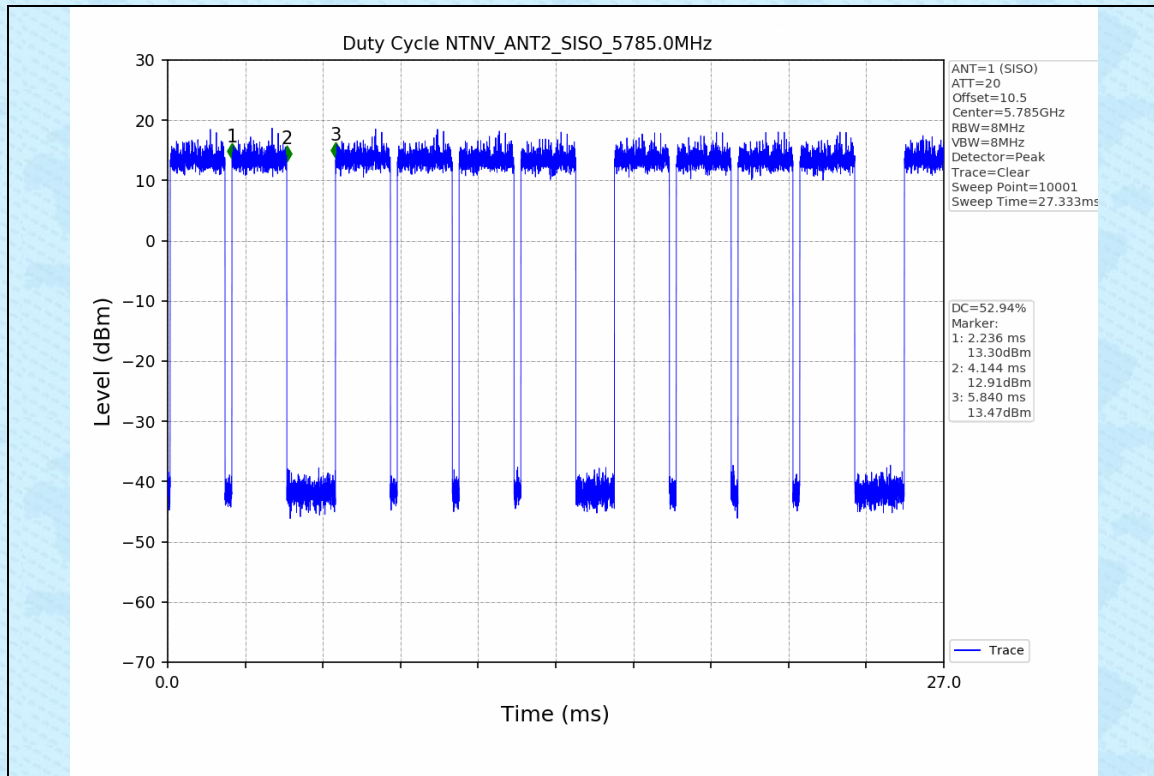
Appendix for 15.407**1. Duty Cycle****1.1 Test Result**

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11ac(VHT20)	5745.0	SISO	ANT1	1.929	13.405	14.39	8.42
	5785.0	SISO	ANT1	1.909	3.543	53.88	2.69
	5805.0	SISO	ANT1	1.906	2.149	88.69	0.52
	5745.0	SISO	ANT2	1.917	13.458	14.24	8.46
	5785.0	SISO	ANT2	1.908	3.604	52.94	2.76
	5805.0	SISO	ANT2	1.906	3.507	54.35	2.65

1.2 Test Graph







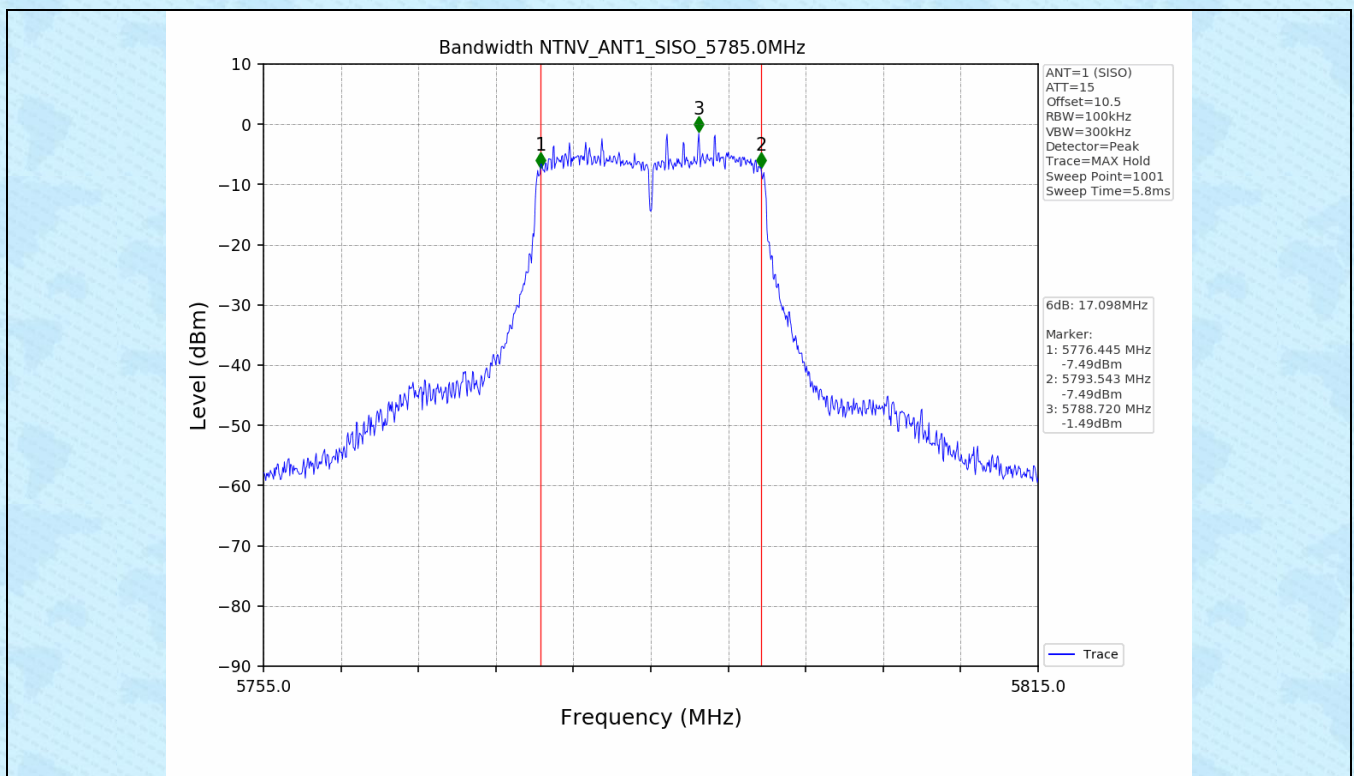
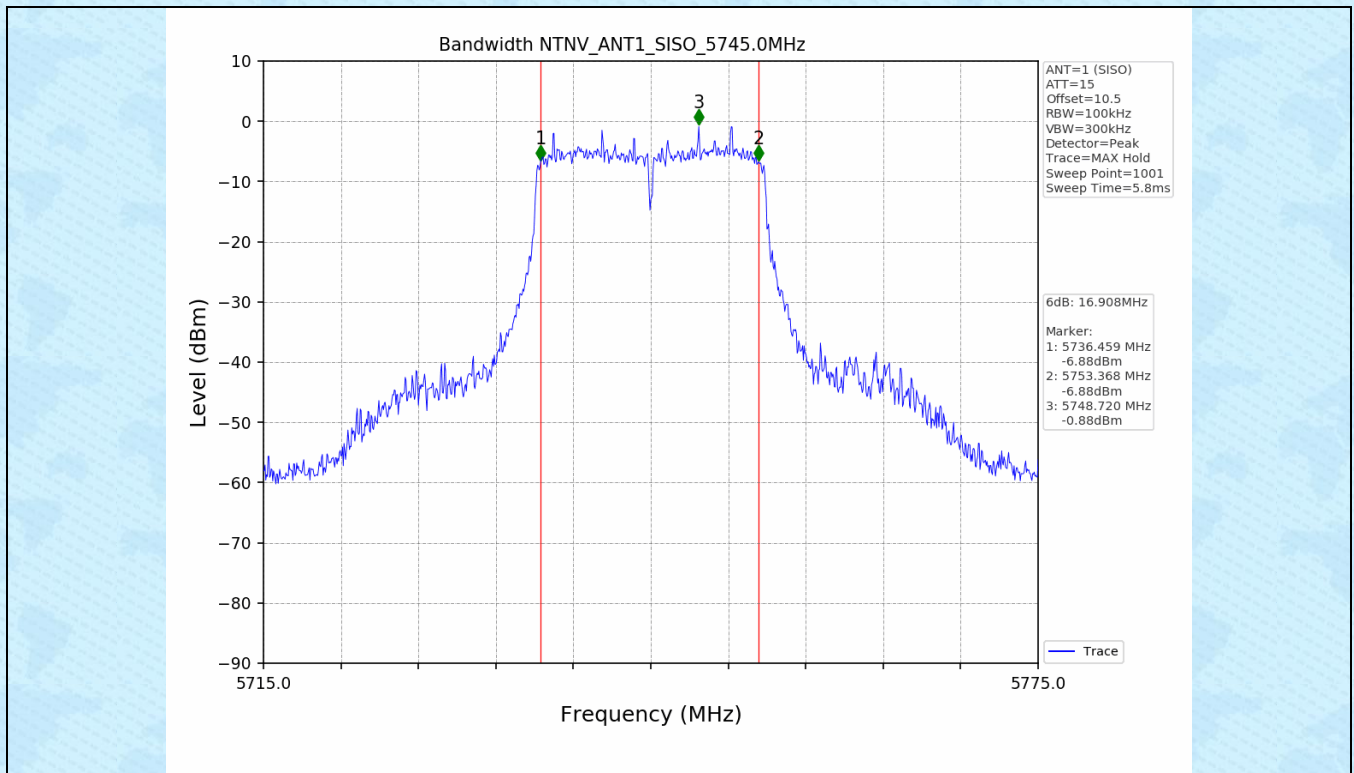
2. Bandwidth

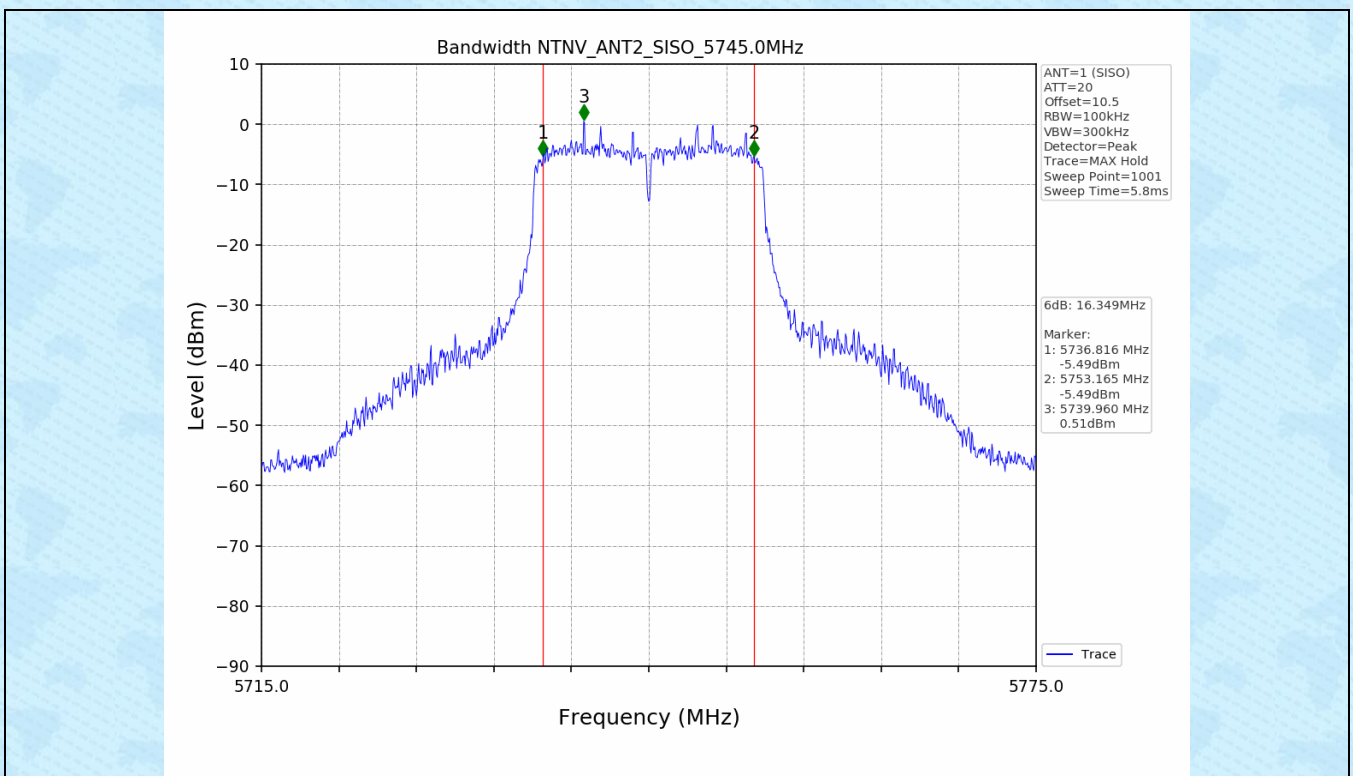
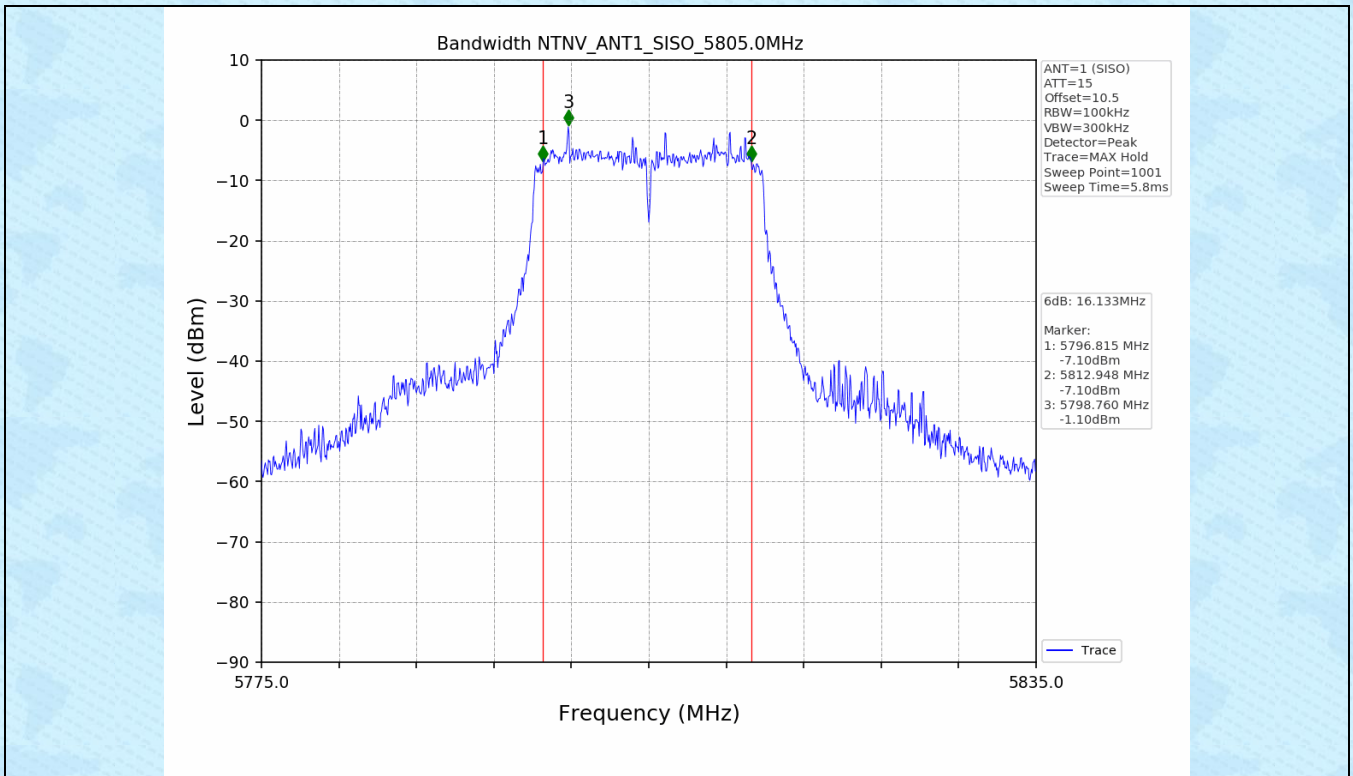
2.1 Test Result

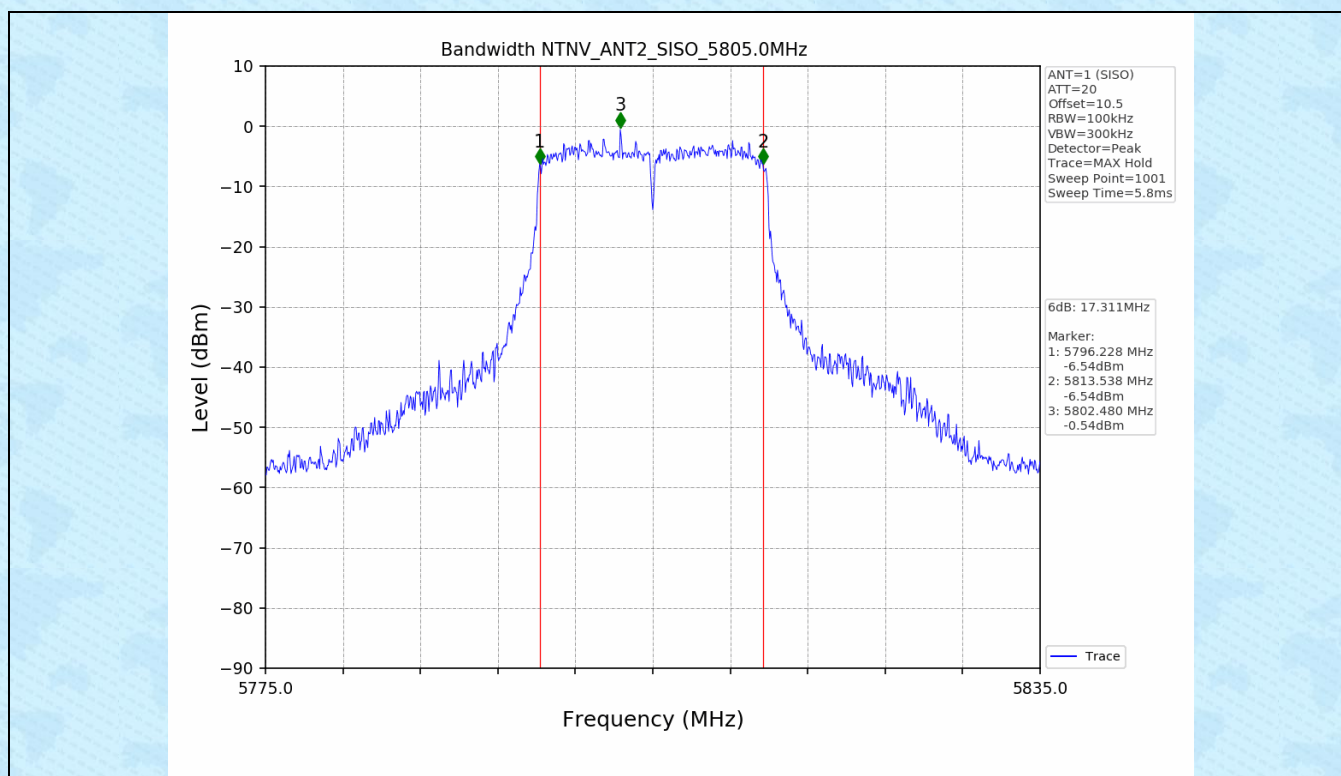
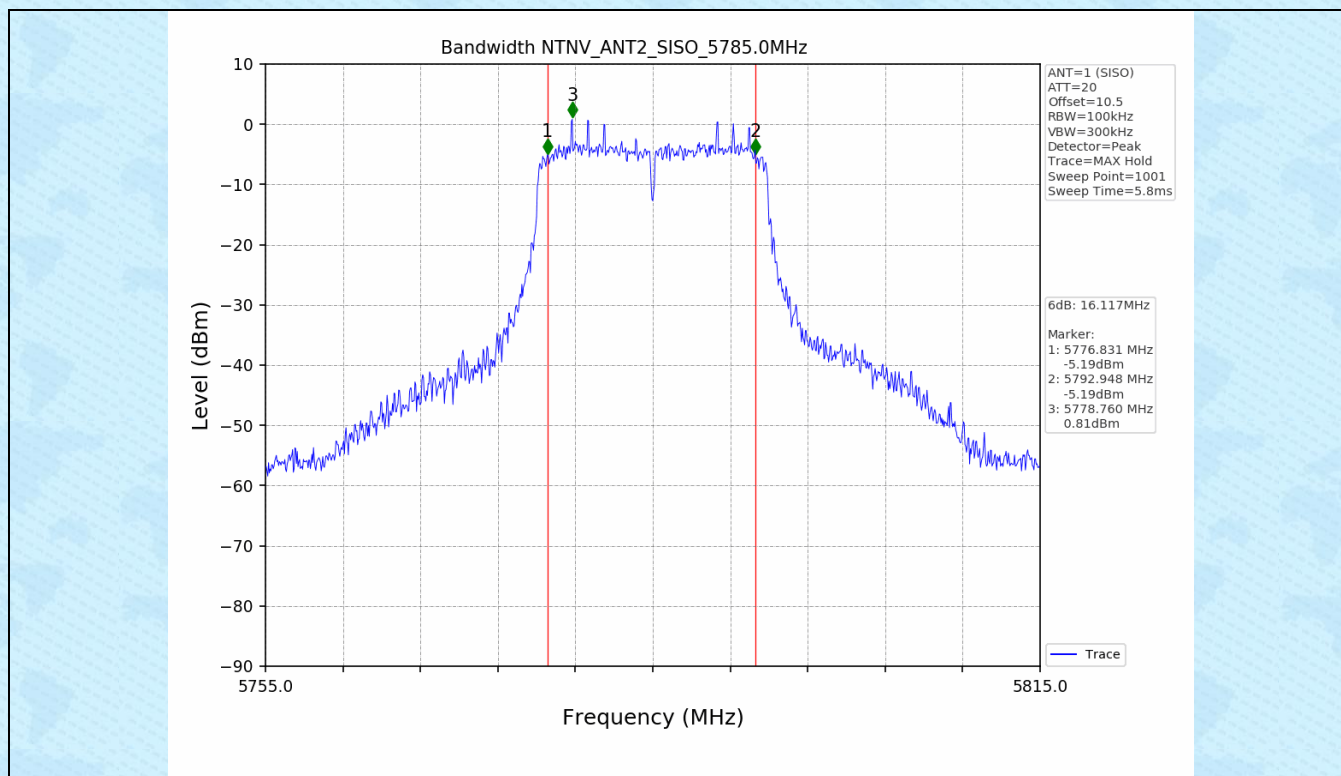
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5745.0	SISO	ANT1	16.908	≥0.5	PASS
	5785.0	SISO	ANT1	17.098	≥0.5	PASS
	5805.0	SISO	ANT1	16.133	≥0.5	PASS
	5745.0	SISO	ANT2	16.349	≥0.5	PASS
	5785.0	SISO	ANT2	16.117	≥0.5	PASS
	5805.0	SISO	ANT2	17.311	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11ac(VHT20)	5745.0	SISO	ANT1	18.120	Only for Report Use
	5785.0	SISO	ANT1	18.254	Only for Report Use
	5805.0	SISO	ANT1	18.213	Only for Report Use
	5745.0	SISO	ANT2	18.148	Only for Report Use
	5785.0	SISO	ANT2	18.183	Only for Report Use
	5805.0	SISO	ANT2	18.139	Only for Report Use

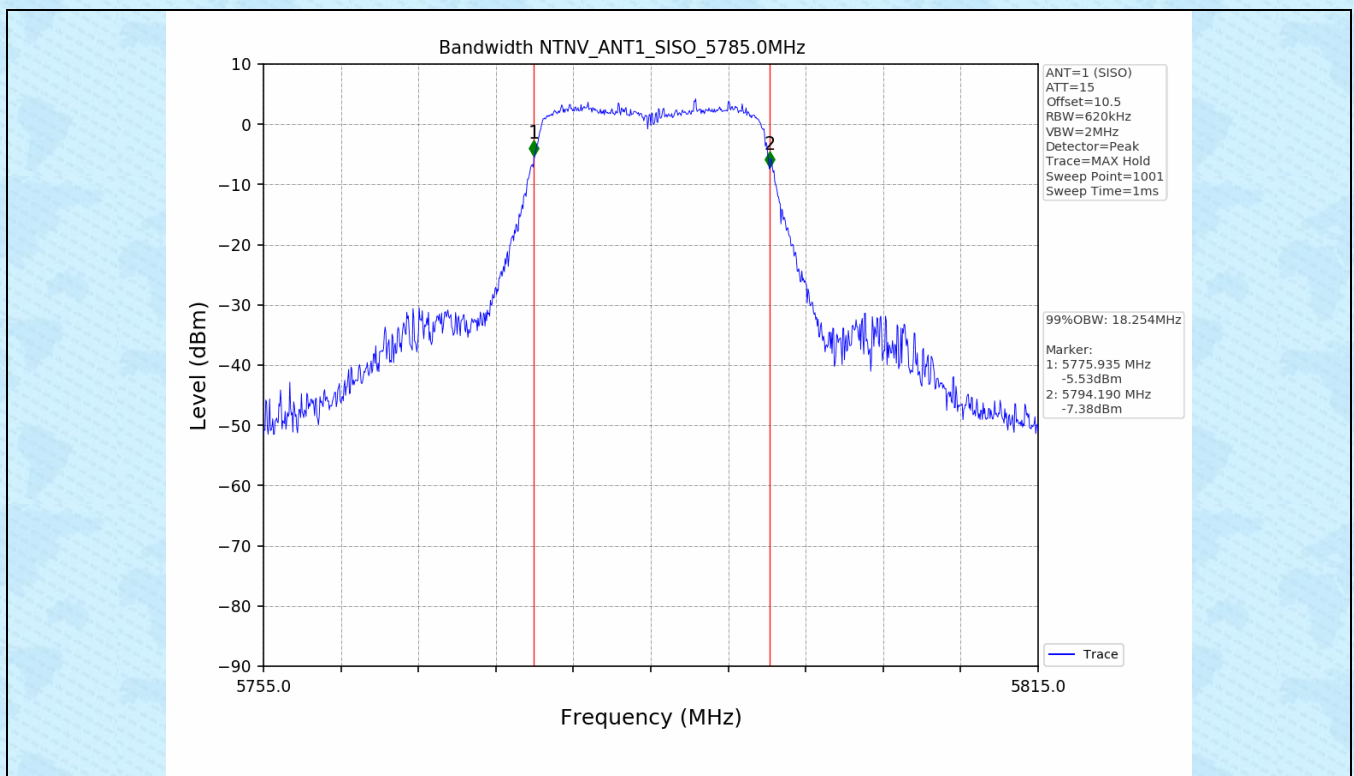
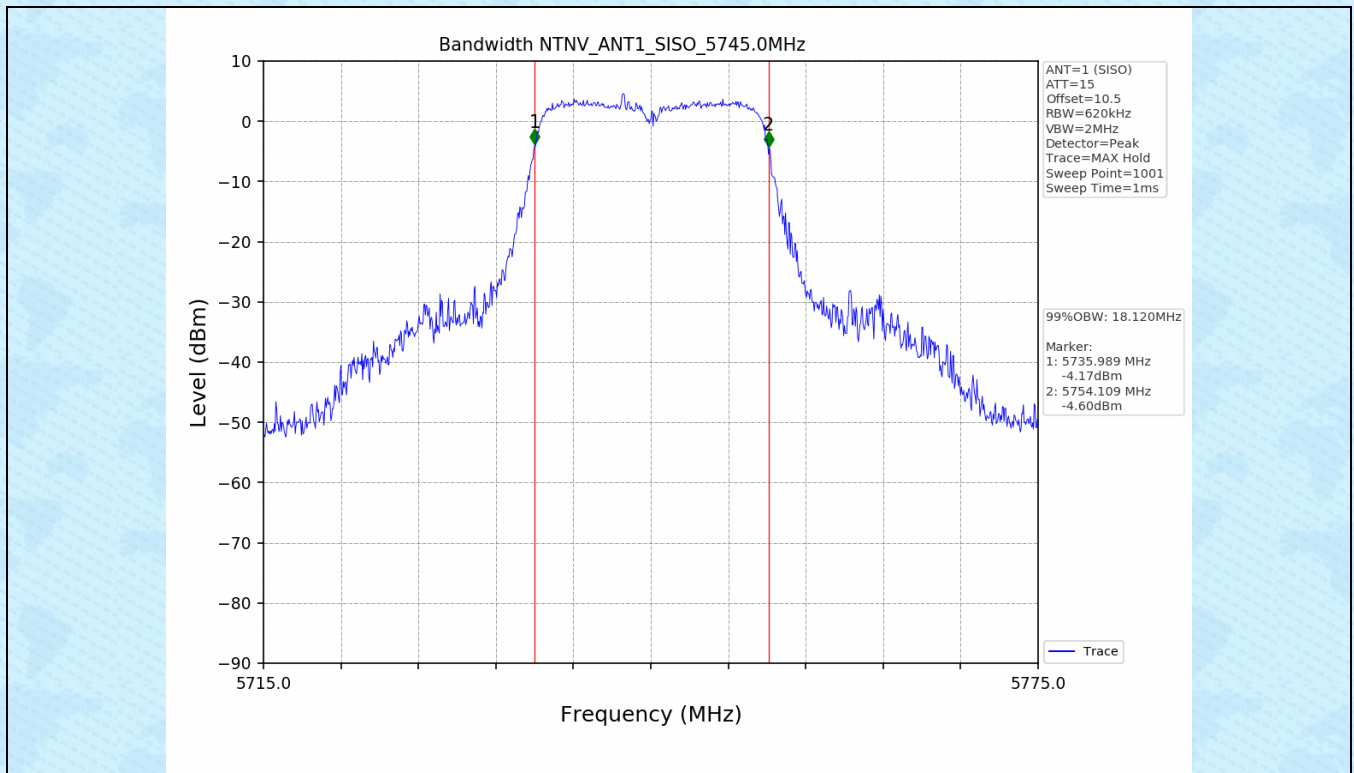
2.2 Test Graph - Emission Bandwidth

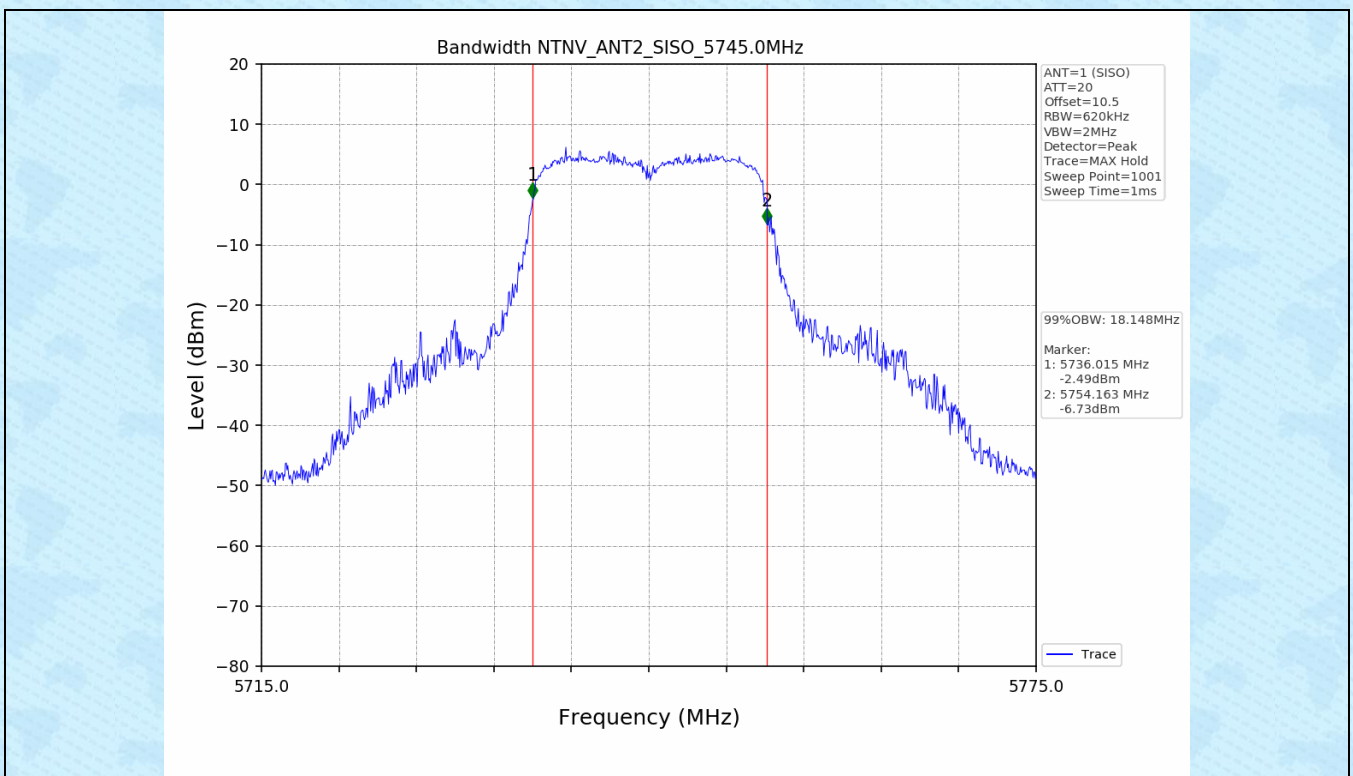
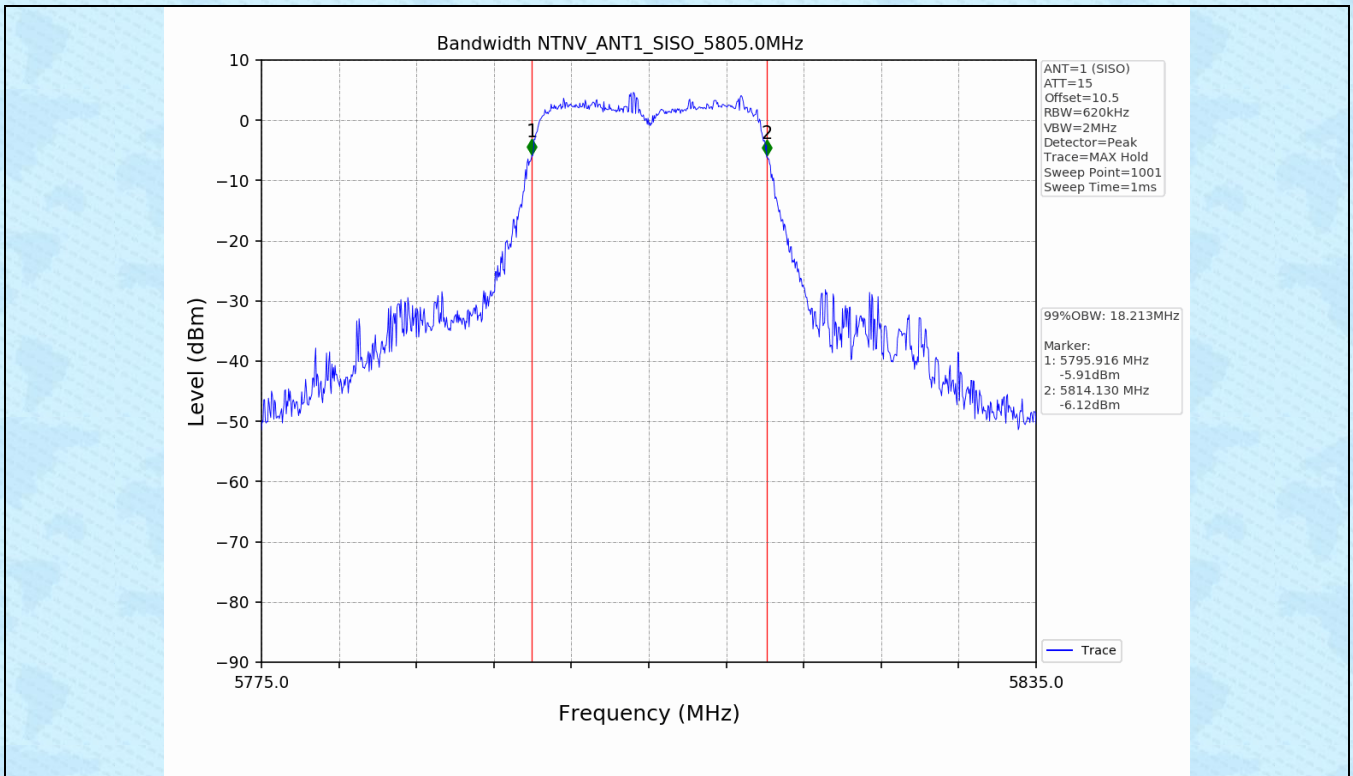


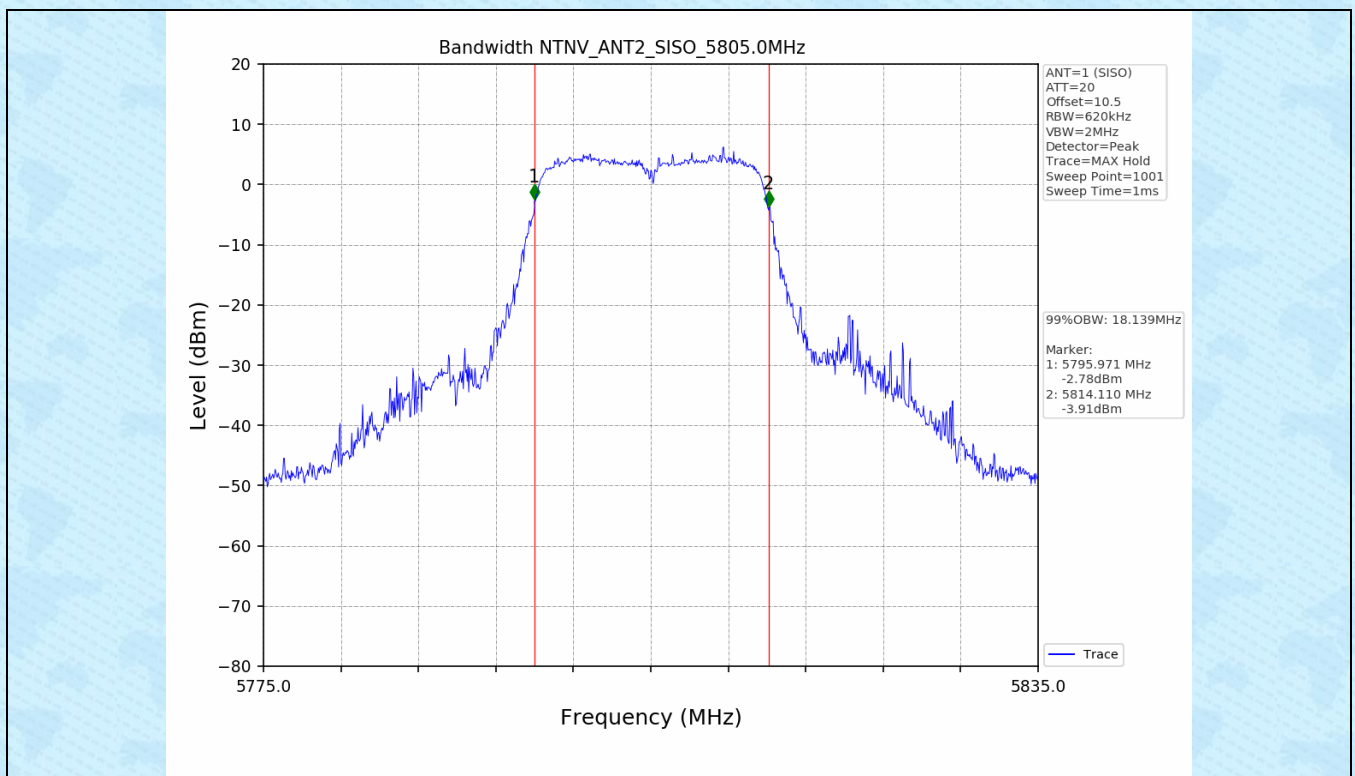
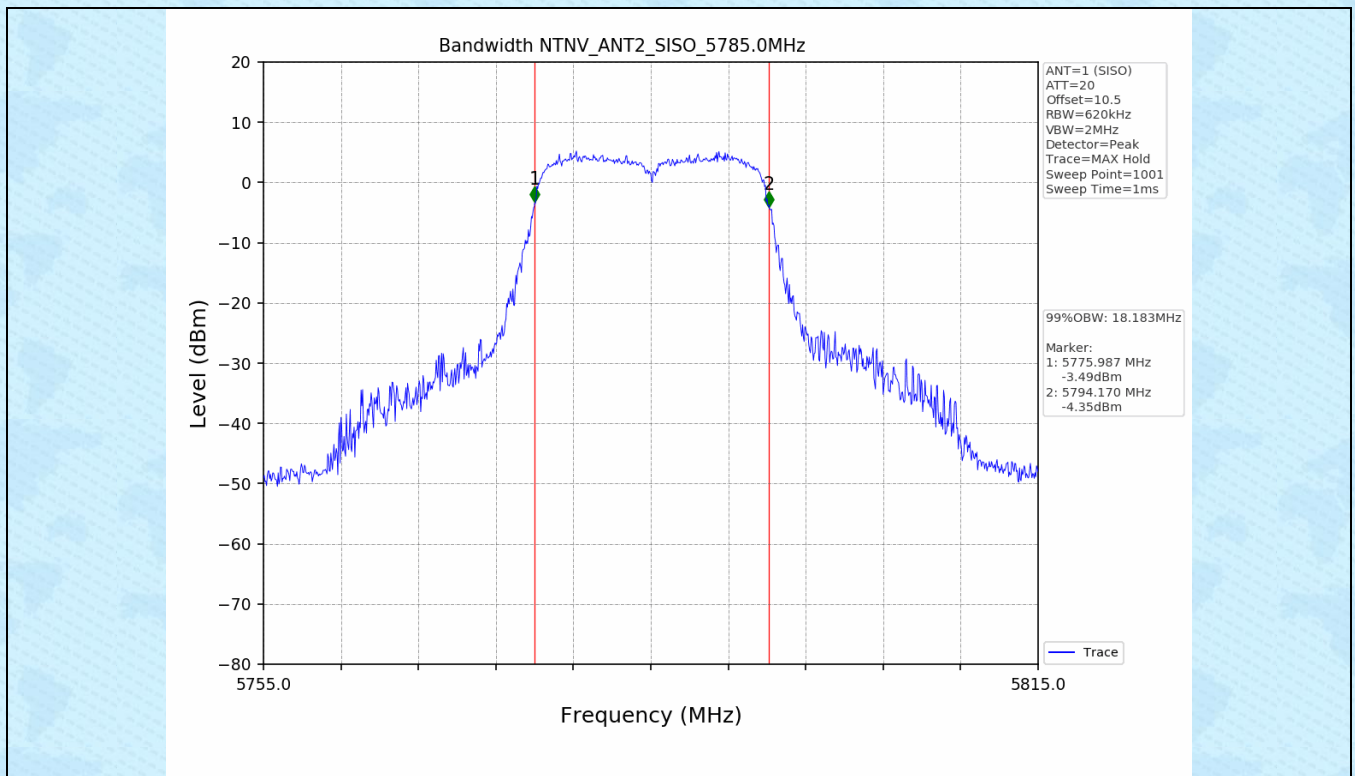




2.3 Test Graph - 99% Occupied Bandwidth







3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5745.0	SISO	10.21	≤30.00	PASS
	5785.0	SISO	9.79	≤30.00	PASS
	5805.0	SISO	8.39	≤30.00	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 2		
802.11ac(VHT20)	5745.0	SISO	11.39	≤30.00	PASS
	5785.0	SISO	11.32	≤30.00	PASS
	5805.0	SISO	11.45	≤30.00	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11ac(VHT20)	5745.0	MIMO	13.85	≤30.00	PASS
	5785.0	MIMO	13.63	≤30.00	PASS
	5805.0	MIMO	13.19	≤30.00	PASS

4. Maximum Power Spectral Density (PSD)

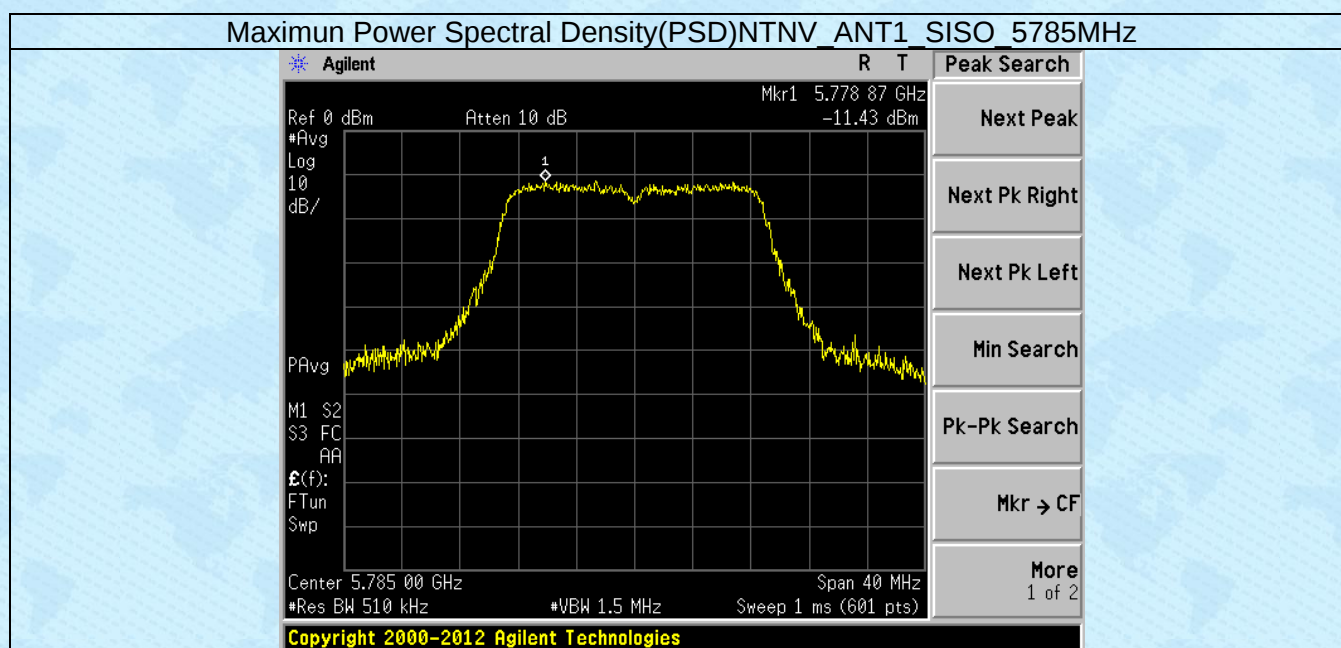
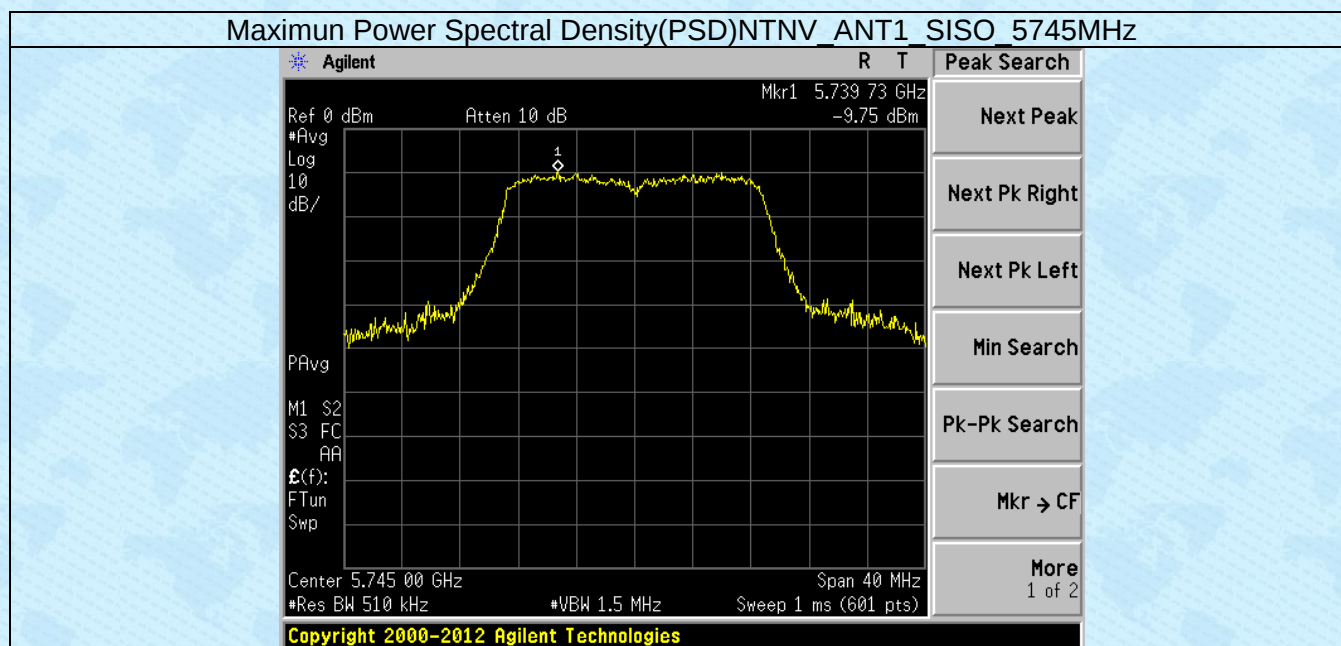
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11ac(VHT20)	5745.0	SISO	-9.75	≤30	PASS
	5785.0	SISO	-11.43	≤30	PASS
	5805.0	SISO	-12.07	≤30	PASS

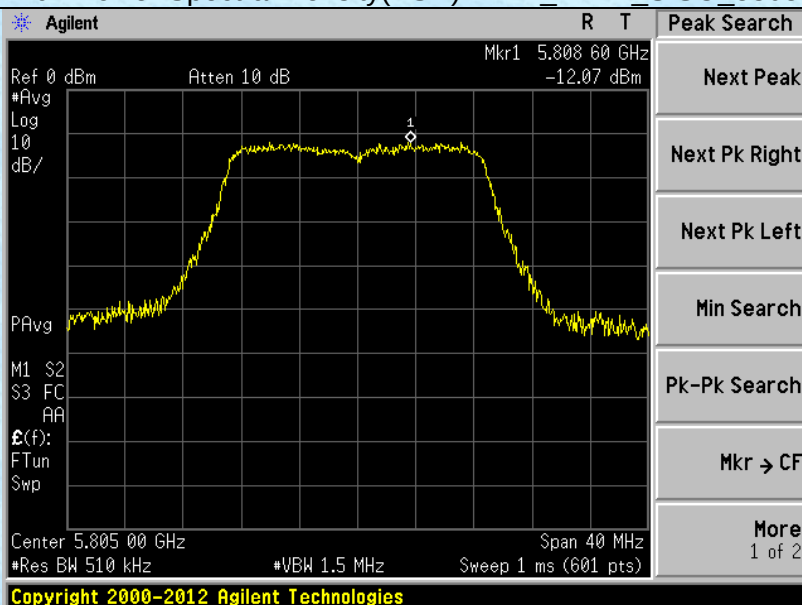
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 2		
802.11ac(VHT20)	5745.0	SISO	-8.69	≤30	PASS
	5785.0	SISO	-9.17	≤30	PASS
	5805.0	SISO	-9.98	≤30	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
802.11ac(VHT20)	5745.0	MIMO	-6.02	≤30	PASS
	5785.0	MIMO	-7.14	≤30	PASS
	5805.0	MIMO	-7.89	≤30	PASS

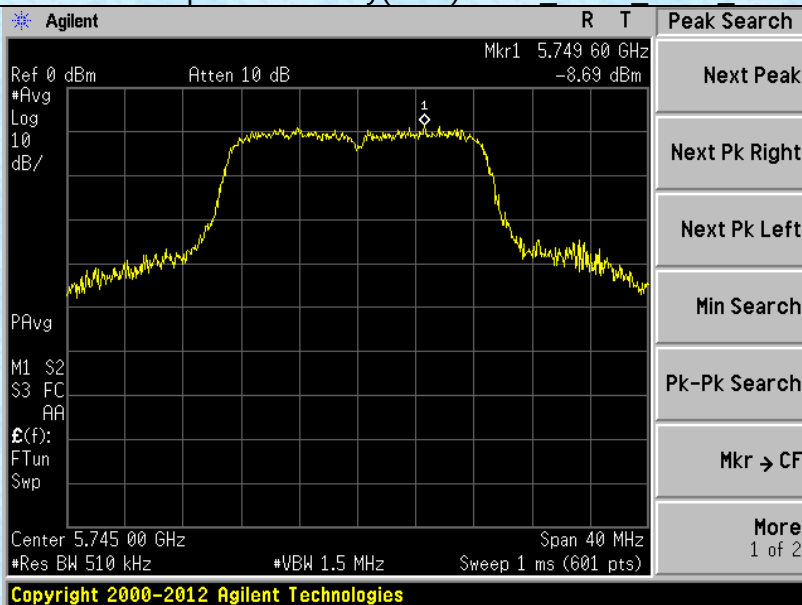
4.2 Test Graph



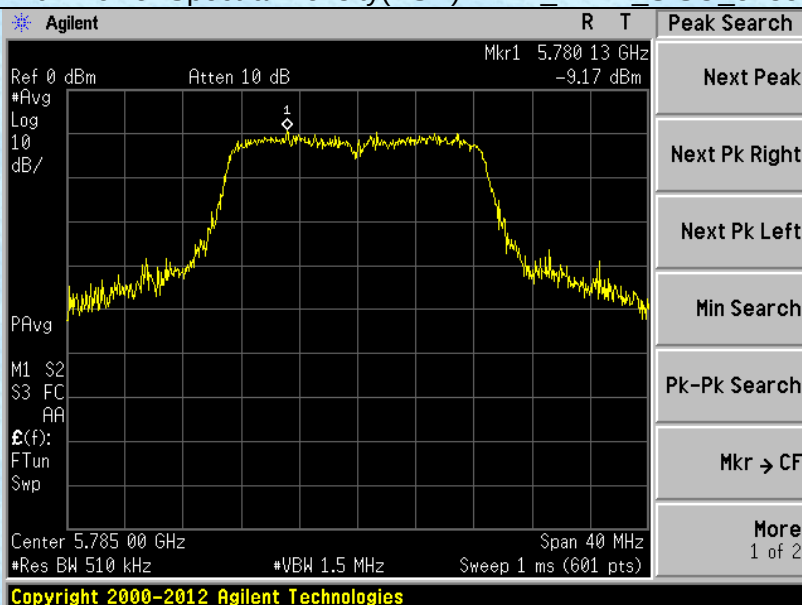
Maximun Power Spectral Density(PSD)NTNV_ANT1_SISO_5805MHz



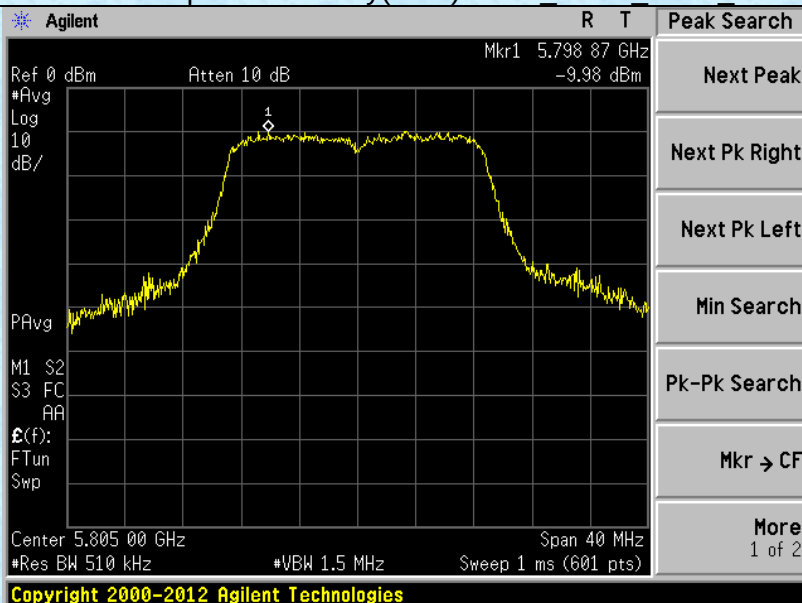
Maximun Power Spectral Density(PSD)NTNV_ANT2_SISO_5745MHz



Maximun Power Spectral Density(PSD)NTNV_ANT2_SISO_5785MHz



Maximun Power Spectral Density(PSD)NTNV_ANT2_SISO_5805MHz



5. Unwanted Emissions in Restricted Frequency Bands

5.1 Test Result

Test Mode	Test Frequency (MHz)	TX Type	ANT No.	Frequency (MHz)	Reading Level (dBm)	Antenna Gain (dBi)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
802.11ac (VHT20)	5745.0	SISO	ANT1	5650.000	-51.77	2.00	45.42	74	-28.57	Peak
				5724.433	-37.78	2.00	59.42	74	-14.58	Peak
				5725.000	-42.98	2.00	54.22	74	-19.79	Peak
				11488.000	-50.80	2.00	46.40	54	-7.60	AVG
					-43.49	2.00	53.71	74	-20.29	Peak
				15736.000	-51.64	2.00	45.56	54	-8.44	AVG
					-41.69	2.00	55.51	74	-18.49	Peak
				18043.840	-49.09	2.00	48.11	54	-5.89	AVG
					-39.25	2.00	57.95	74	-16.05	Peak
				20147.200	-47.42	2.00	49.78	54	-4.22	AVG
					-37.59	2.00	59.60	74	-14.39	Peak
				22170.880	-45.20	2.00	52.00	54	-2.00	AVG
					-35.40	2.00	61.80	74	-12.20	Peak
	5785.0	SISO	ANT1	24240.640	-40.15	2.00	57.05	54	3.05	AVG
					-30.30	2.00	66.90	74	-7.10	Peak
				7522.240	-58.47	2.00	38.73	54	-15.27	AVG
					-47.33	2.00	49.87	74	-24.13	Peak
				11567.680	-48.52	2.00	48.68	54	-5.32	AVG
					-38.72	2.00	58.48	74	-15.52	Peak
				15308.800	-51.68	2.00	45.52	54	-8.48	AVG
					-41.78	2.00	55.42	74	-18.58	Peak
				18494.080	-48.99	2.00	48.21	54	-5.79	AVG
					-38.72	2.00	58.48	74	-15.52	Peak
				20566.720	-44.77	2.00	52.43	54	-1.57	AVG
					-35.35	2.00	61.85	74	-12.15	Peak
	5805.0	SISO	ANT1	23845.120	-41.50	2.00	55.70	54	1.70	AVG
					-30.74	2.00	66.46	74	-7.54	Peak
				11611.840	-48.28	2.00	48.92	54	-5.08	AVG
					-38.97	2.00	58.23	74	-15.77	Peak
				15393.280	-52.27	2.00	44.93	54	-9.07	AVG
					-41.94	2.00	55.26	74	-18.74	Peak
				17511.040	-49.03	2.00	48.17	54	-5.83	AVG
					-38.62	2.00	58.58	74	-15.42	Peak
				20495.680	-44.74	2.00	52.46	54	-1.54	AVG
					-35.02	2.00	62.18	74	-11.82	Peak
				22959.040	-43.84	2.00	53.36	54	-0.64	AVG
					-34.20	2.00	63.00	74	-11.00	Peak
802.11ac (VHT20)	5745.0	SISO	ANT2	24901.120	-40.84	2.00	56.36	54	2.36	AVG
					-30.62	2.00	66.58	74	-7.42	Peak
				3128.320	-58.36	2.00	38.84	54	-15.16	AVG
					-46.86	2.00	50.34	74	-23.66	Peak
				5650.000	-52.94	2.00	44.26	74	-29.74	Peak
				5724.074	-37.90	2.00	59.30	74	-14.70	Peak
				5725.000	-40.42	2.00	56.78	74	-17.22	Peak
				11495.680	-50.77	2.00	46.43	54	-7.57	AVG
					-41.97	2.00	55.23	74	-18.77	Peak
				15185.920	-51.48	2.00	45.72	54	-8.28	AVG
					-41.51	2.00	55.69	74	-18.31	Peak
				18116.800	-48.83	2.00	48.37	54	-5.63	AVG
					-38.79	2.00	58.41	74	-15.59	Peak
				20489.920	-44.80	2.00	52.40	54	-1.60	AVG
					-34.51	2.00	62.70	74	-11.30	Peak
				24236.800	-40.00	2.00	57.20	54	3.20	AVG
					-30.29	2.00	66.91	74	-7.09	Peak
	5785.0	SISO	ANT2	11564.800	-48.73	2.00	48.47	54	-5.53	AVG

					-40.30	2.00	56.90	74	-17.10	Peak
				13729.600	-55.12	2.00	42.08	54	-11.92	AVG
					-44.79	2.00	52.41	74	-21.59	Peak
				15682.240	-51.58	2.00	45.62	54	-8.38	AVG
					-41.60	2.00	55.60	74	-18.40	Peak
				18529.600	-48.83	2.00	48.37	54	-5.63	AVG
					-38.86	2.00	58.34	74	-15.66	Peak
				20822.080	-45.08	2.00	52.12	54	-1.88	AVG
					-35.01	2.00	62.19	74	-11.81	Peak
				24274.240	-39.77	2.00	57.43	54	3.43	AVG
					-29.85	2.00	67.35	74	-6.65	Peak
	5805.0	SISO	ANT2	9209.920	-58.31	2.00	38.89	54	-15.11	AVG
					-47.34	2.00	49.86	74	-24.14	Peak
				11607.040	-48.08	2.00	49.12	54	-4.88	AVG
					-39.49	2.00	57.71	74	-16.29	Peak
				15182.080	-51.37	2.00	45.83	54	-8.17	AVG
					-41.16	2.00	56.04	74	-17.96	Peak
				18331.840	-49.32	2.00	47.88	54	-6.12	AVG
					-38.68	2.00	58.52	74	-15.48	Peak
				20639.680	-45.01	2.00	52.19	54	-1.81	AVG
					-33.59	2.00	63.61	74	-10.39	Peak
				24243.520	-39.91	2.00	57.29	54	3.29	AVG
					-30.51	2.00	66.69	74	-7.31	Peak

6. Frequency Stability

6.1 Test Result

Only shown the worst case

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5745.0	ANT1	-1.24	<=20	PASS
		5785.0	ANT1	-2.51	<=20	PASS
		5805.0	ANT1	-6.89	<=20	PASS

-----End-----