

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

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		5510	/	/	15.94	16.17	19.07	<=23.98	Pass
		5550	/	/	19.62	19.45	22.55	<=23.98	Pass
		5670	/	/	19.52	19.32	22.43	<=23.98	Pass
		5755	/	/	25.21	25.18	28.21	<=30	Pass
		5795	/	/	25.48	25.06	28.29	<=30	Pass
		5710	/	/	19.88	19.57	22.74	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	/	/	22.37	22.05	25.22	<=30	Pass
		5200	/	/	22.76	22.16	25.48	<=30	Pass
		5240	/	/	22.64	22.36	25.51	<=30	Pass
		5260	/	/	16.58	16.42	19.51	<=23.98	Pass
		5300	/	/	16.57	16.64	19.62	<=23.98	Pass
		5320	/	/	17.09	16.61	19.87	<=23.98	Pass
		5500	/	/	16.77	16.93	19.86	<=23.98	Pass
		5580	/	/	16.77	17.18	19.99	<=23.98	Pass
		5700	/	/	14.09	13.97	17.04	<=23.98	Pass
		5745	/	/	25.37	25.61	28.50	<=30	Pass
		5785	/	/	25.63	24.93	28.30	<=30	Pass
		5825	/	/	24.92	24.51	27.73	<=30	Pass
		5720	/	/	16.58	16.94	19.77	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	/	/	15.10	14.63	17.88	<=30	Pass
		5230	/	/	14.67	14.85	17.77	<=30	Pass
		5270	/	/	19.58	19.36	22.48	<=23.98	Pass
		5310	/	/	19.86	19.69	22.79	<=23.98	Pass
		5510	/	/	16.07	16.26	19.18	<=23.98	Pass
		5550	/	/	19.56	19.41	22.50	<=23.98	Pass
		5670	/	/	19.72	19.52	22.63	<=23.98	Pass
		5755	/	/	25.48	25.46	28.48	<=30	Pass
		5795	/	/	25.44	25.00	28.24	<=30	Pass
		5710	/	/	19.75	19.44	22.61	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	17.10	16.16	19.67	<=30	Pass
		5290	/	/	18.63	18.87	21.76	<=23.98	Pass
		5530	/	/	12.34	12.03	15.20	<=23.98	Pass
		5610	/	/	20.25	20.21	23.24	<=23.98	Pass
		5775	/	/	24.24	24.89	27.59	<=30	Pass
		5690	/	/	21.10	20.33	23.74	<=23.98	Pass
802.11ac (VHT160)	MIMO	5570	/	/	11.36	11.45	14.42	<=23.98	Pass
		5250	/	/	12.81	12.34	15.59	<=30	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	22.59	22.05	25.34	<=30	Pass
		5200	SU	/	22.83	22.39	25.63	<=30	Pass
		5240	SU	/	22.49	22.36	25.44	<=30	Pass

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		5260	SU	/	16.97	16.70	19.85	<=23.98	Pass
		5300	SU	/	17.23	17.36	20.31	<=23.98	Pass
		5320	SU	/	17.07	16.59	19.85	<=23.98	Pass
		5500	SU	/	16.98	17.18	20.09	<=23.98	Pass
		5580	SU	/	16.27	16.71	19.51	<=23.98	Pass
		5700	SU	/	17.46	17.34	20.41	<=23.98	Pass
		5745	SU	/	23.12	23.63	26.39	<=30	Pass
		5785	SU	/	23.87	23.26	26.59	<=30	Pass
		5825	SU	/	23.33	22.34	25.87	<=30	Pass
		5720	SU	/	16.61	16.84	19.74	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	14.54	14.23	17.40	<=30	Pass
		5230	SU	/	14.68	14.86	17.78	<=30	Pass
		5270	SU	/	19.21	18.98	22.11	<=23.98	Pass
		5310	SU	/	19.72	19.38	22.56	<=23.98	Pass
		5510	SU	/	14.79	15.12	17.97	<=23.98	Pass
		5550	SU	/	19.24	19.04	22.15	<=23.98	Pass
		5670	SU	/	19.47	19.48	22.49	<=23.98	Pass
		5755	SU	/	22.66	23.07	25.88	<=30	Pass
		5795	SU	/	22.84	22.23	25.56	<=30	Pass
		5710	SU	/	19.50	19.40	22.46	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	17.02	16.24	19.66	<=30	Pass
		5290	SU	/	18.38	18.70	21.55	<=23.98	Pass
		5530	SU	/	12.23	11.92	15.09	<=23.98	Pass
		5610	SU	/	20.58	20.66	23.63	<=23.98	Pass
		5775	SU	/	23.39	23.44	26.43	<=30	Pass
		5690	SU	/	21.06	20.40	23.75	<=23.98	Pass
802.11ax (HEW160)	MIMO	5570	SU	/	11.54	11.62	14.59	<=23.98	Pass
		5250	SU	/	12.87	12.48	15.69	<=30	Pass
802.11be (EHT20)	MIMO	5180	SU	/	19.30	19.19	22.26	<=30	Pass
		5200	SU	/	19.98	19.54	22.78	<=30	Pass
		5240	SU	/	20.14	19.57	22.87	<=30	Pass
		5260	SU	/	16.38	16.51	19.46	<=23.98	Pass
		5300	SU	/	16.06	16.30	19.19	<=23.98	Pass
		5320	SU	/	15.88	15.55	18.73	<=23.98	Pass
		5500	SU	/	17.16	17.50	20.34	<=23.98	Pass
		5580	SU	/	16.51	16.96	19.75	<=23.98	Pass
		5700	SU	/	16.86	16.75	19.82	<=23.98	Pass
		5745	SU	/	22.75	23.20	25.99	<=30	Pass
		5785	SU	/	23.79	23.10	26.47	<=30	Pass
		5825	SU	/	23.02	22.36	25.71	<=30	Pass

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		5720	SU	/	16.66	17.01	19.85	<=23.98	Pass
802.11be (EHT40)	MIMO	5190	SU	/	17.90	17.63	20.78	<=30	Pass
		5230	SU	/	18.01	17.32	20.69	<=30	Pass
		5270	SU	/	18.32	18.07	21.21	<=23.98	Pass
		5310	SU	/	17.77	17.46	20.63	<=23.98	Pass
		5510	SU	/	19.40	19.25	22.34	<=23.98	Pass
		5550	SU	/	19.21	19.15	22.19	<=23.98	Pass
		5670	SU	/	19.80	19.49	22.66	<=23.98	Pass
		5755	SU	/	22.26	22.87	25.59	<=30	Pass
		5795	SU	/	22.78	22.39	25.60	<=30	Pass
		5710	SU	/	19.53	19.34	22.45	<=23.98	Pass
802.11be (EHT80)	MIMO	5210	SU	/	17.64	16.65	20.18	<=30	Pass
		5290	SU	/	17.71	18.14	20.94	<=23.98	Pass
		5530	SU	/	19.47	19.06	22.28	<=23.98	Pass
		5610	SU	/	18.38	18.38	21.39	<=23.98	Pass
		5775	SU	/	22.92	22.79	25.87	<=30	Pass
		5690	SU	/	20.40	19.68	23.07	<=23.98	Pass
802.11be (EHT160)	MIMO	5570	SU	/	10.95	11.24	14.11	<=23.98	Pass
		5250	SU	/	11.96	11.91	14.95	<=30	Pass

TPC-L:

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5260	/	/	14.4	14.43	/	<=23.98	Pass
		5300	/	/	14.41	14.63	/	<=23.98	Pass
		5320	/	/	14.53	14.54	/	<=23.98	Pass
		5500	/	/	14.35	14.62	/	<=23.98	Pass
		5580	/	/	14.48	14.35	/	<=23.98	Pass
		5700	/	/	13.86	14.24	/	<=23.98	Pass
		5720	/	/	14.28	14.57	/	<=23.98	Pass
802.11n (HT20)	MIMO	5260	/	/	10.81	10.51	13.67	<=23.98	Pass
		5300	/	/	10.89	10.96	13.94	<=23.98	Pass
		5320	/	/	11.09	10.56	13.84	<=23.98	Pass
		5500	/	/	10.95	11.09	14.03	<=23.98	Pass
		5580	/	/	10.5	10.76	13.64	<=23.98	Pass
		5700	/	/	10.37	10.39	13.39	<=23.98	Pass
		5720	/	/	10.59	10.8	13.71	<=23.98	Pass
802.11n (HT40)	MIMO	5270	/	/	13.52	13.96	16.76	<=23.98	Pass
		5310	/	/	13.7	13.23	16.48	<=23.98	Pass

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		5510	/	/	9.79	10.36	13.09	<=23.98	Pass
		5550	/	/	13.24	13.39	16.33	<=23.98	Pass
		5670	/	/	13.91	13.43	16.69	<=23.98	Pass
		5710	/	/	14.22	13.94	17.09	<=23.98	Pass
802.11ac (VHT20)	MIMO	5260	/	/	10.76	10.6	13.69	<=23.98	Pass
		5300	/	/	10.46	10.49	13.49	<=23.98	Pass
		5320	/	/	11.23	11	14.13	<=23.98	Pass
		5500	/	/	11.16	11.04	14.11	<=23.98	Pass
		5580	/	/	11.02	10.92	13.98	<=23.98	Pass
		5700	/	/	7.91	8.33	11.14	<=23.98	Pass
		5720	/	/	10.86	11.01	13.95	<=23.98	Pass
802.11ac (VHT40)	MIMO	5270	/	/	13.49	13.75	16.63	<=23.98	Pass
		5310	/	/	13.63	13.39	16.52	<=23.98	Pass
		5510	/	/	10.11	10.33	13.23	<=23.98	Pass
		5550	/	/	13.35	13.29	16.33	<=23.98	Pass
		5670	/	/	13.54	13.31	16.44	<=23.98	Pass
		5710	/	/	13.68	13.36	16.53	<=23.98	Pass
802.11ac (VHT80)	MIMO	5290	/	/	12.24	13.09	15.7	<=23.98	Pass
		5530	/	/	6.2	5.77	9	<=23.98	Pass
		5610	/	/	14.42	13.84	17.15	<=23.98	Pass
		5690	/	/	15.25	13.99	17.68	<=23.98	Pass
802.11ac (VHT160)	MIMO	5570	/	/	5.58	5.25	8.43	<=23.98	Pass
		5250	/	/	7.02	6.39	9.73	<=23.98	Pass
802.11ax (HEW20)	MIMO	5260	SU	/	10.73	10.94	13.85	<=23.98	Pass
		5300	SU	/	10.97	11.23	14.11	<=23.98	Pass
		5320	SU	/	10.71	10.35	13.54	<=23.98	Pass
		5500	SU	/	10.78	11.48	14.15	<=23.98	Pass
		5580	SU	/	10.07	10.44	13.27	<=23.98	Pass
		5700	SU	/	11.33	11.49	14.42	<=23.98	Pass
		5720	SU	/	10.68	10.77	13.74	<=23.98	Pass
802.11ax (HEW40)	MIMO	5270	SU	/	12.81	13.22	16.03	<=23.98	Pass
		5310	SU	/	14.04	13.54	16.81	<=23.98	Pass
		5510	SU	/	8.76	8.89	11.84	<=23.98	Pass
		5550	SU	/	12.95	12.86	15.92	<=23.98	Pass
		5670	SU	/	13.81	13.2	16.53	<=23.98	Pass
		5710	SU	/	13.43	13.26	16.36	<=23.98	Pass
802.11ax (HEW80)	MIMO	5290	SU	/	12.12	12.72	15.44	<=23.98	Pass
		5530	SU	/	6.6	5.72	9.19	<=23.98	Pass
		5610	SU	/	14.6	14.68	17.65	<=23.98	Pass
		5690	SU	/	15.04	14.16	17.63	<=23.98	Pass

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802.11ax (HEW160)	MIMO	5570	SU	/	5.41	5.83	8.64	<=23.98	Pass
		5250	SU	/	6.7	6.08	9.41	<=23.98	Pass
802.11be (EHT20)	MIMO	5260	SU	/	10.06	10.88	13.5	<=23.98	Pass
		5300	SU	/	9.92	10.17	13.06	<=23.98	Pass
		5320	SU	/	10.25	9.43	12.87	<=23.98	Pass
		5500	SU	/	11.26	11.36	14.32	<=23.98	Pass
		5580	SU	/	10.71	11.16	13.95	<=23.98	Pass
		5700	SU	/	10.46	10.44	13.46	<=23.98	Pass
		5720	SU	/	10.39	10.64	13.53	<=23.98	Pass
		5270	SU	/	12.41	11.99	15.22	<=23.98	Pass
802.11be (EHT40)	MIMO	5310	SU	/	11.4	11.18	14.3	<=23.98	Pass
		5510	SU	/	13.14	13.39	16.28	<=23.98	Pass
		5550	SU	/	13.13	13.43	16.29	<=23.98	Pass
		5670	SU	/	13.93	13.51	16.74	<=23.98	Pass
		5710	SU	/	13.33	13.62	16.49	<=23.98	Pass
		5290	SU	/	11.82	12.41	15.14	<=23.98	Pass
802.11be (EHT80)	MIMO	5530	SU	/	13.39	12.77	16.1	<=23.98	Pass
		5610	SU	/	12.26	12.69	15.49	<=23.98	Pass
		5690	SU	/	14.12	13.67	16.91	<=23.98	Pass
		5570	SU	/	4.56	5.06	7.83	<=23.98	Pass
802.11be (EHT160)	MIMO	5250	SU	/	5.98	5.65	8.83	<=23.98	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	EIRP (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5260	/	/	18.56	18.73	/	<=23.98	Pass
		5300	/	/	18.57	18.93	/	<=23.98	Pass
		5320	/	/	18.69	18.84	/	<=23.98	Pass
		5500	/	/	18.51	18.92	/	<=23.98	Pass
		5580	/	/	18.64	18.65	/	<=23.98	Pass
		5700	/	/	18.02	18.54	/	<=23.98	Pass
		5720	/	/	18.44	18.87	/	<=23.98	Pass
802.11n (HT20)	MIMO	5260	/	/	14.97	14.81	17.9	<=23.98	Pass
		5300	/	/	15.05	15.26	18.17	<=23.98	Pass
		5320	/	/	15.25	14.86	18.07	<=23.98	Pass
		5500	/	/	15.11	15.39	18.26	<=23.98	Pass
		5580	/	/	14.66	15.06	17.87	<=23.98	Pass
		5700	/	/	14.53	14.69	17.62	<=23.98	Pass
		5720	/	/	14.75	15.1	17.94	<=23.98	Pass
802.11n (HT40)	MIMO	5270	/	/	17.68	18.26	20.99	<=23.98	Pass
		5310	/	/	17.86	17.53	20.71	<=23.98	Pass

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		5510	/	/	13.95	14.66	17.33	<=23.98	Pass
		5550	/	/	17.4	17.69	20.56	<=23.98	Pass
		5670	/	/	18.07	17.73	20.91	<=23.98	Pass
		5710	/	/	18.38	18.24	21.32	<=23.98	Pass
802.11ac (VHT20)	MIMO	5260	/	/	14.92	14.9	17.92	<=23.98	Pass
		5300	/	/	14.62	14.79	17.72	<=23.98	Pass
		5320	/	/	15.39	15.3	18.36	<=23.98	Pass
		5500	/	/	15.32	15.34	18.34	<=23.98	Pass
		5580	/	/	15.18	15.22	18.21	<=23.98	Pass
		5700	/	/	12.07	12.63	15.37	<=23.98	Pass
		5720	/	/	15.02	15.31	18.18	<=23.98	Pass
802.11ac (VHT40)	MIMO	5270	/	/	17.65	18.05	20.86	<=23.98	Pass
		5310	/	/	17.79	17.69	20.75	<=23.98	Pass
		5510	/	/	14.27	14.63	17.46	<=23.98	Pass
		5550	/	/	17.51	17.59	20.56	<=23.98	Pass
		5670	/	/	17.7	17.61	20.67	<=23.98	Pass
		5710	/	/	17.84	17.66	20.76	<=23.98	Pass
802.11ac (VHT80)	MIMO	5290	/	/	16.4	17.39	19.93	<=23.98	Pass
		5530	/	/	10.36	10.07	13.23	<=23.98	Pass
		5610	/	/	18.58	18.14	21.38	<=23.98	Pass
		5690	/	/	19.41	18.29	21.9	<=23.98	Pass
802.11ac (VHT160)	MIMO	5570	/	/	9.74	9.55	12.66	<=23.98	Pass
		5250	/	/	11.18	10.69	13.95	<=23.98	Pass
802.11ax (HEW20)	MIMO	5260	SU	/	14.89	15.24	18.08	<=23.98	Pass
		5300	SU	/	15.13	15.53	18.34	<=23.98	Pass
		5320	SU	/	14.87	14.65	17.77	<=23.98	Pass
		5500	SU	/	14.94	15.78	18.39	<=23.98	Pass
		5580	SU	/	14.23	14.74	17.5	<=23.98	Pass
		5700	SU	/	15.49	15.79	18.65	<=23.98	Pass
		5720	SU	/	14.84	15.07	17.97	<=23.98	Pass
802.11ax (HEW40)	MIMO	5270	SU	/	16.97	17.52	20.26	<=23.98	Pass
		5310	SU	/	18.2	17.84	21.03	<=23.98	Pass
		5510	SU	/	12.92	13.19	16.07	<=23.98	Pass
		5550	SU	/	17.11	17.16	20.15	<=23.98	Pass
		5670	SU	/	17.97	17.5	20.75	<=23.98	Pass
		5710	SU	/	17.59	17.56	20.59	<=23.98	Pass
802.11ax (HEW80)	MIMO	5290	SU	/	16.28	17.02	19.68	<=23.98	Pass
		5530	SU	/	10.76	10.02	13.42	<=23.98	Pass
		5610	SU	/	18.76	18.98	21.88	<=23.98	Pass
		5690	SU	/	19.2	18.46	21.86	<=23.98	Pass

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802.11ax (HEW160)	MIMO	5570	SU	/	9.57	10.13	12.87	<=23.98	Pass
		5250	SU	/	10.86	10.38	13.64	<=23.98	Pass
802.11be (EHT20)	MIMO	5260	SU	/	14.22	15.18	17.74	<=23.98	Pass
		5300	SU	/	14.08	14.47	17.29	<=23.98	Pass
		5320	SU	/	14.41	13.73	17.09	<=23.98	Pass
		5500	SU	/	15.42	15.66	18.55	<=23.98	Pass
		5580	SU	/	14.87	15.46	18.19	<=23.98	Pass
		5700	SU	/	14.62	14.74	17.69	<=23.98	Pass
		5720	SU	/	14.55	14.94	17.76	<=23.98	Pass
		5270	SU	/	16.57	16.29	19.44	<=23.98	Pass
802.11be (EHT40)	MIMO	5310	SU	/	15.56	15.48	18.53	<=23.98	Pass
		5510	SU	/	17.3	17.69	20.51	<=23.98	Pass
		5550	SU	/	17.29	17.73	20.53	<=23.98	Pass
		5670	SU	/	18.09	17.81	20.96	<=23.98	Pass
		5710	SU	/	17.49	17.92	20.72	<=23.98	Pass
		5290	SU	/	15.98	16.71	19.37	<=23.98	Pass
802.11be (EHT80)	MIMO	5530	SU	/	17.55	17.07	20.33	<=23.98	Pass
		5610	SU	/	16.42	16.99	19.72	<=23.98	Pass
		5690	SU	/	18.28	17.97	21.14	<=23.98	Pass
		5570	SU	/	8.72	9.36	12.06	<=23.98	Pass
802.11be (EHT160)	MIMO	5250	SU	/	10.14	9.95	13.06	<=23.98	Pass

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	13.78	13.23	/	<=17	Pass
		5200	/	/	13.56	12.56	/	<=17	Pass
		5240	/	/	14.16	13.73	/	<=17	Pass
		5260	/	/	10.84	10.89	/	<=11	Pass
		5300	/	/	10.50	10.76	/	<=11	Pass
		5320	/	/	10.84	10.48	/	<=11	Pass
		5500	/	/	10.88	10.50	/	<=11	Pass
		5580	/	/	10.70	10.51	/	<=11	Pass
		5700	/	/	10.47	10.30	/	<=11	Pass
		5720	/	/	10.77	10.40	/	<=11	Pass
802.11n	MIMO	5180	/	/	12.02	11.92	14.97	<=15.69	Pass

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(HT20)		5200	/	/	12.41	12.14	15.27	<=15.69	Pass
		5240	/	/	12.34	12.12	15.18	<=15.69	Pass
		5260	/	/	6.51	6.39	9.38	<=9.69	Pass
		5300	/	/	6.21	6.40	9.29	<=9.69	Pass
		5320	/	/	6.38	6.25	9.27	<=9.69	Pass
		5500	/	/	6.40	6.46	9.44	<=9.69	Pass
		5580	/	/	6.24	6.41	9.33	<=9.69	Pass
		5700	/	/	6.53	5.84	9.17	<=9.69	Pass
		5720	/	/	6.10	6.43	9.25	<=9.69	Pass
802.11n (HT40)	MIMO	5190	/	/	1.39	0.91	4.06	<=15.69	Pass
		5230	/	/	1.96	2.14	5.04	<=15.69	Pass
		5270	/	/	6.72	6.61	9.68	<=9.69	Pass
		5310	/	/	6.32	6.28	9.31	<=9.69	Pass
		5510	/	/	2.84	2.86	5.86	<=9.69	Pass
		5550	/	/	6.70	6.24	9.46	<=9.69	Pass
		5670	/	/	6.59	5.94	9.24	<=9.69	Pass
		5710	/	/	6.57	6.21	9.40	<=9.69	Pass
		5180	/	/	12.11	11.84	14.99	<=15.69	Pass
802.11ac (VHT20)	MIMO	5200	/	/	12.34	11.74	15.05	<=15.69	Pass
		5240	/	/	12.24	12.06	15.07	<=15.69	Pass
		5260	/	/	6.25	6.16	9.15	<=9.69	Pass
		5300	/	/	6.15	6.20	9.17	<=9.69	Pass
		5320	/	/	6.80	6.57	9.53	<=9.69	Pass
		5500	/	/	6.46	6.66	9.42	<=9.69	Pass
		5580	/	/	6.42	6.57	9.49	<=9.69	Pass
		5700	/	/	3.75	3.30	6.51	<=9.69	Pass
		5720	/	/	6.07	6.42	9.25	<=9.69	Pass
		5190	/	/	1.96	1.63	4.80	<=15.69	Pass
802.11ac (VHT40)	MIMO	5230	/	/	1.65	1.79	4.69	<=15.69	Pass
		5270	/	/	6.32	6.42	9.38	<=9.69	Pass
		5310	/	/	6.67	6.60	9.63	<=9.69	Pass
		5510	/	/	3.01	2.98	5.98	<=9.69	Pass
		5550	/	/	6.52	6.04	9.29	<=9.69	Pass
		5670	/	/	6.72	6.10	9.41	<=9.69	Pass
		5710	/	/	6.42	6.10	9.27	<=9.69	Pass
		5210	/	/	0.99	0.12	3.57	<=15.69	Pass
		5290	/	/	2.41	2.81	5.62	<=9.69	Pass
802.11ac (VHT80)	MIMO	5530	/	/	-3.74	-4.25	-0.99	<=9.69	Pass
		5610	/	/	4.23	3.85	7.03	<=9.69	Pass
		5690	/	/	4.78	4.18	7.39	<=9.69	Pass

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802.11ac (VHT160)	MIMO	5570	/	/	-7.91	-8.11	-5.01	<=9.69	Pass
		5250	/	/	-6.49	-6.61	-3.59	<=15.69	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	12.17	11.81	14.82	<=15.69	Pass
		5200	SU	/	12.26	11.84	15.07	<=15.69	Pass
		5240	SU	/	11.94	11.70	14.83	<=15.69	Pass
		5260	SU	/	6.49	6.24	9.30	<=9.69	Pass
		5300	SU	/	6.39	6.72	9.56	<=9.69	Pass
		5320	SU	/	6.54	6.05	9.28	<=9.69	Pass
		5500	SU	/	6.33	6.42	9.37	<=9.69	Pass
		5580	SU	/	5.75	5.82	8.77	<=9.69	Pass
		5700	SU	/	7.03	6.23	9.63	<=9.69	Pass
		5720	SU	/	5.88	6.25	9.05	<=9.69	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1.38	1.11	4.17	<=15.69	Pass
		5230	SU	/	1.61	1.78	4.57	<=15.69	Pass
		5270	SU	/	6.19	5.86	9.03	<=9.69	Pass
		5310	SU	/	6.42	6.13	9.24	<=9.69	Pass
		5510	SU	/	1.55	1.72	4.58	<=9.69	Pass
		5550	SU	/	6.04	5.59	8.81	<=9.69	Pass
		5670	SU	/	6.69	6.07	9.30	<=9.69	Pass
		5710	SU	/	6.09	6.04	9.07	<=9.69	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1.05	0.21	3.64	<=15.69	Pass
		5290	SU	/	2.24	2.66	5.47	<=9.69	Pass
		5530	SU	/	-3.71	-4.24	-1.09	<=9.69	Pass
		5610	SU	/	4.75	4.56	7.63	<=9.69	Pass
		5690	SU	/	4.72	4.10	7.43	<=9.69	Pass
802.11ax (HEW160)	MIMO	5570	SU	/	-7.80	-8.07	-4.93	<=9.69	Pass
		5250	SU	/	-6.70	-6.85	-3.78	<=15.69	Pass
802.11be (EHT20)	MIMO	5180	SU	/	8.92	8.66	11.69	<=15.69	Pass
		5200	SU	/	9.23	8.78	12.02	<=15.69	Pass
		5240	SU	/	9.68	9.10	12.29	<=15.69	Pass
		5260	SU	/	5.66	5.82	8.74	<=9.69	Pass
		5300	SU	/	5.30	5.63	8.48	<=9.69	Pass
		5320	SU	/	5.16	4.90	8.03	<=9.69	Pass
		5500	SU	/	6.57	6.68	9.64	<=9.69	Pass
		5580	SU	/	5.94	6.13	9.04	<=9.69	Pass
		5700	SU	/	6.49	5.89	9.20	<=9.69	Pass
		5720	SU	/	5.92	6.21	9.07	<=9.69	Pass
802.11be (EHT40)	MIMO	5190	SU	/	4.52	4.26	7.41	<=15.69	Pass
		5230	SU	/	4.64	3.94	7.31	<=15.69	Pass
		5270	SU	/	4.94	4.84	7.90	<=9.69	Pass

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		5310	SU	/	4.46	4.31	7.24	<=9.69	Pass
		5510	SU	/	6.26	5.75	9.01	<=9.69	Pass
		5550	SU	/	6.00	5.70	8.86	<=9.69	Pass
		5670	SU	/	6.74	5.90	9.35	<=9.69	Pass
		5710	SU	/	6.22	5.92	9.08	<=9.69	Pass
802.11be (EHT80)	MIMO	5210	SU	/	1.56	0.68	4.15	<=15.69	Pass
		5290	SU	/	1.60	1.99	4.81	<=9.69	Pass
		5530	SU	/	3.31	2.71	6.03	<=9.69	Pass
		5610	SU	/	2.35	1.93	5.15	<=9.69	Pass
		5690	SU	/	3.99	3.31	6.67	<=9.69	Pass
802.11be (EHT160)	MIMO	5570	SU	/	-8.22	-8.06	-5.18	<=9.69	Pass
		5250	SU	/	-7.49	-7.32	-4.71	<=15.69	Pass

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	13.23	12.69	/	<=30	Pass
		5785	/	/	13.59	12.62	/	<=30	Pass
		5825	/	/	12.28	12.72	/	<=30	Pass
		5720	/	/	8.44	6.31	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	12.68	11.58	15.14	<=28.69	Pass
		5785	/	/	13.08	11.26	14.85	<=28.69	Pass
		5825	/	/	12.09	11.43	13.83	<=28.69	Pass
		5720	/	/	1.10	1.37	4.21	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	9.86	8.25	12.10	<=28.69	Pass
		5795	/	/	10.19	8.43	11.70	<=28.69	Pass
		5710	/	/	1.18	0.88	4.02	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	12.90	11.88	15.42	<=28.69	Pass
		5785	/	/	13.15	11.67	14.82	<=28.69	Pass
		5825	/	/	12.45	11.82	14.13	<=28.69	Pass
		5720	/	/	1.01	1.51	4.25	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	10.09	8.49	12.32	<=28.69	Pass
		5795	/	/	10.27	8.61	11.65	<=28.69	Pass
		5710	/	/	1.22	1.40	4.32	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	6.05	6.08	8.57	<=28.69	Pass
		5690	/	/	-0.64	-1.68	1.84	<=30	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	10.46	9.71	13.00	<=28.69	Pass
		5785	SU	/	11.30	10.17	12.65	<=28.69	Pass
		5825	SU	/	10.81	10.15	11.79	<=28.69	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200457604

Page: 556 of 806

		5720	SU	/	1.06	1.48	4.24	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	7.22	6.15	9.55	<=28.69	Pass
		5795	SU	/	7.50	5.71	8.53	<=28.69	Pass
		5710	SU	/	0.93	0.70	3.77	<=30	Pass
		5775	SU	/	4.90	4.56	7.09	<=28.69	Pass
802.11ax (HEW80)	MIMO	5690	SU	/	-0.92	-1.71	1.69	<=30	Pass
		5745	SU	/	10.12	9.28	12.49	<=28.69	Pass
802.11be (EHT20)	MIMO	5785	SU	/	11.02	9.82	12.36	<=28.69	Pass
		5825	SU	/	10.49	9.98	11.48	<=28.69	Pass
		5720	SU	/	1.13	1.45	4.27	<=30	Pass
		5755	SU	/	6.74	6.08	9.11	<=28.69	Pass
802.11be (EHT40)	MIMO	5795	SU	/	7.31	5.86	8.44	<=28.69	Pass
		5710	SU	/	0.90	0.77	3.80	<=30	Pass
		5775	SU	/	4.29	3.85	6.50	<=28.69	Pass
802.11be (EHT80)	MIMO	5690	SU	/	-1.59	-2.47	0.96	<=30	Pass

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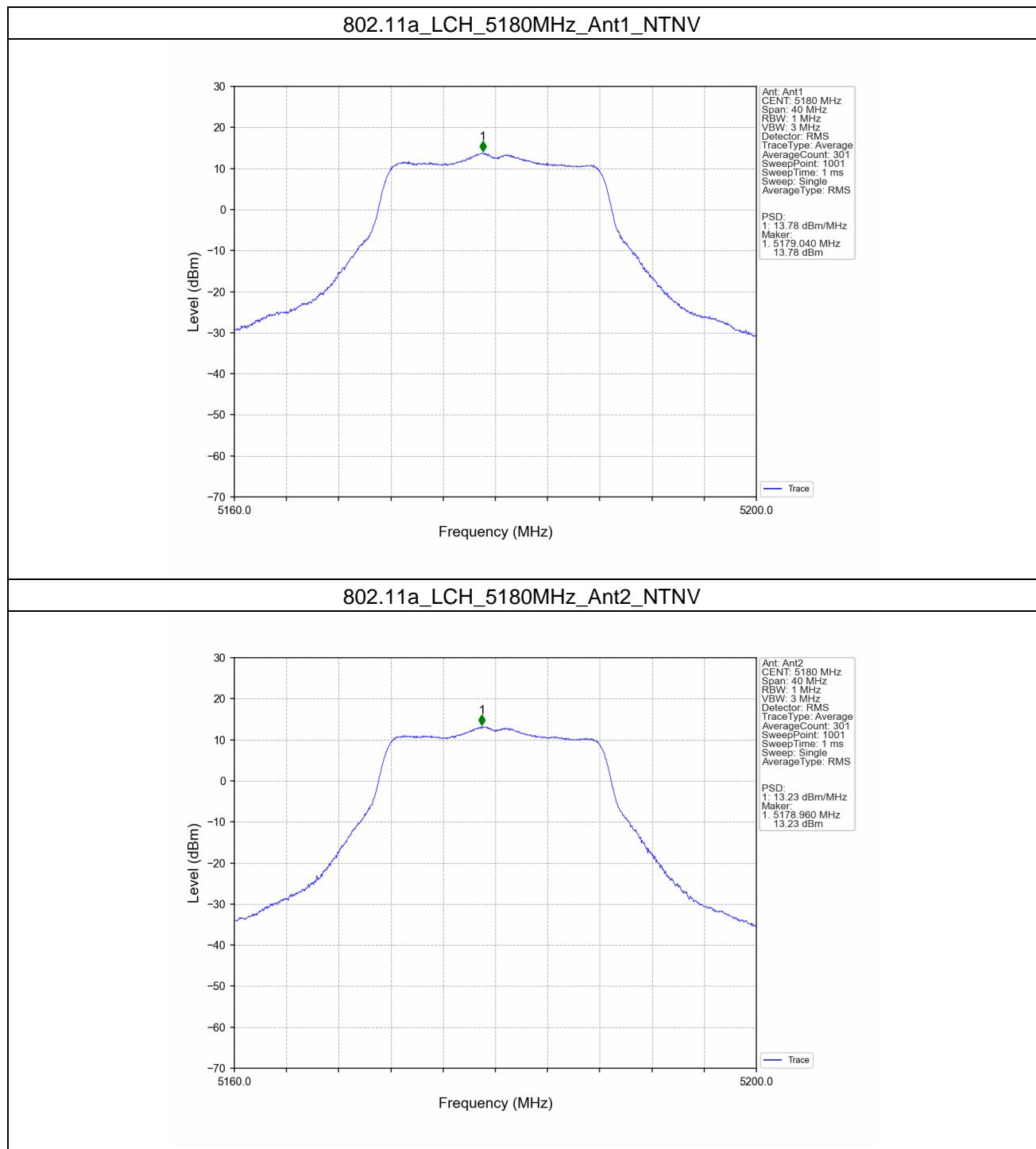
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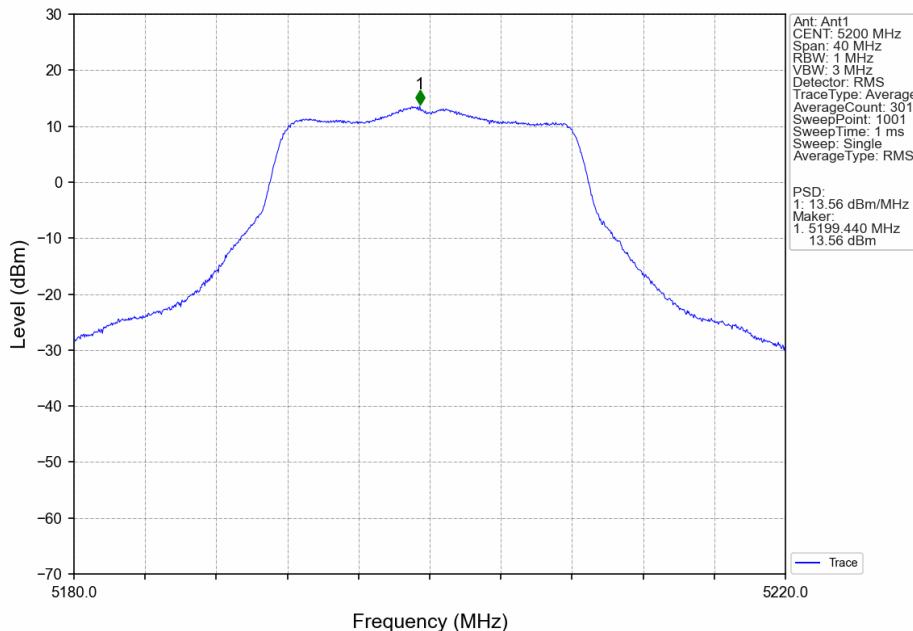
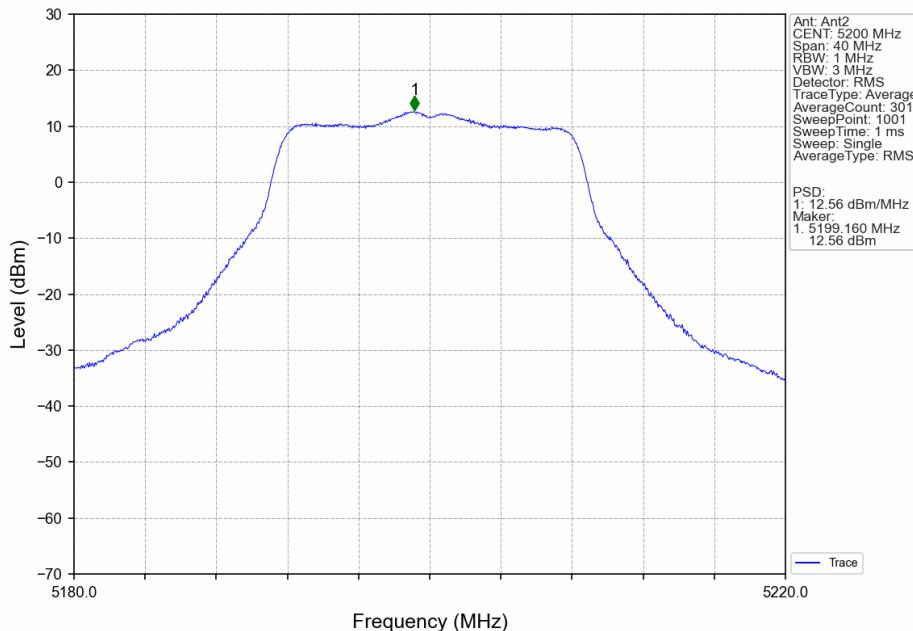
4.2 Test Graph

4.2.1 PSD



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802.11a_MCH_5200MHz_Ant1_NTNV**802.11a_MCH_5200MHz_Ant2_NTNV**

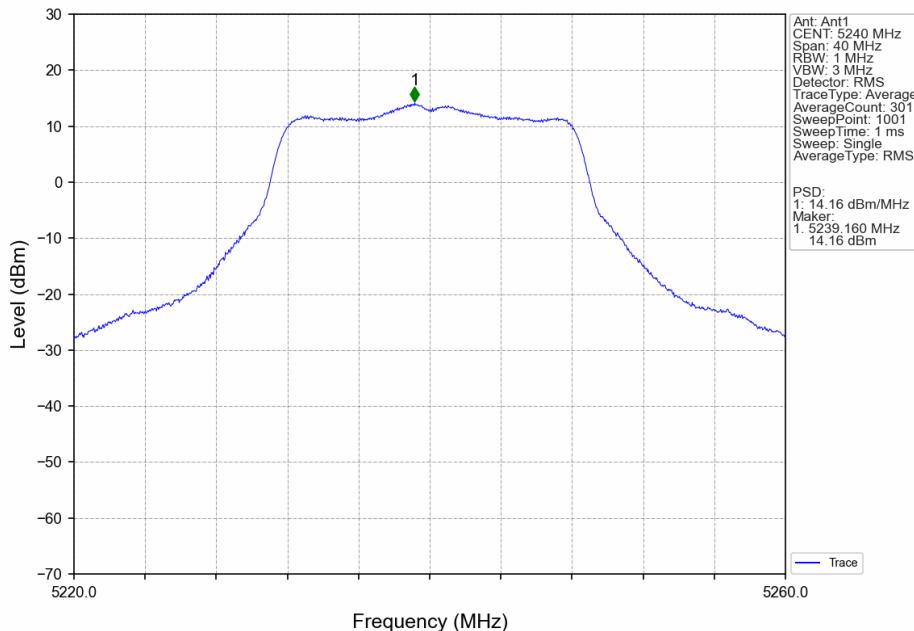
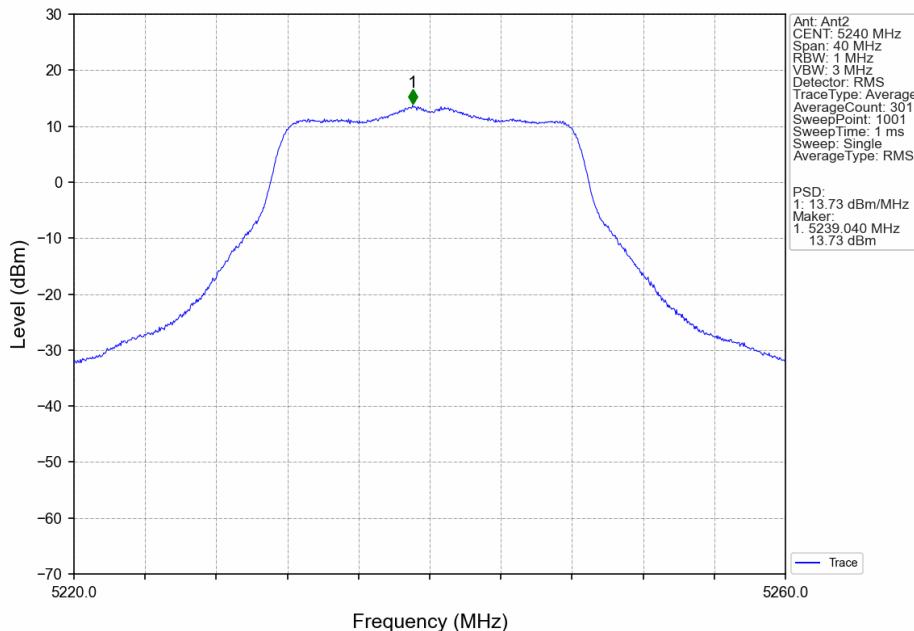
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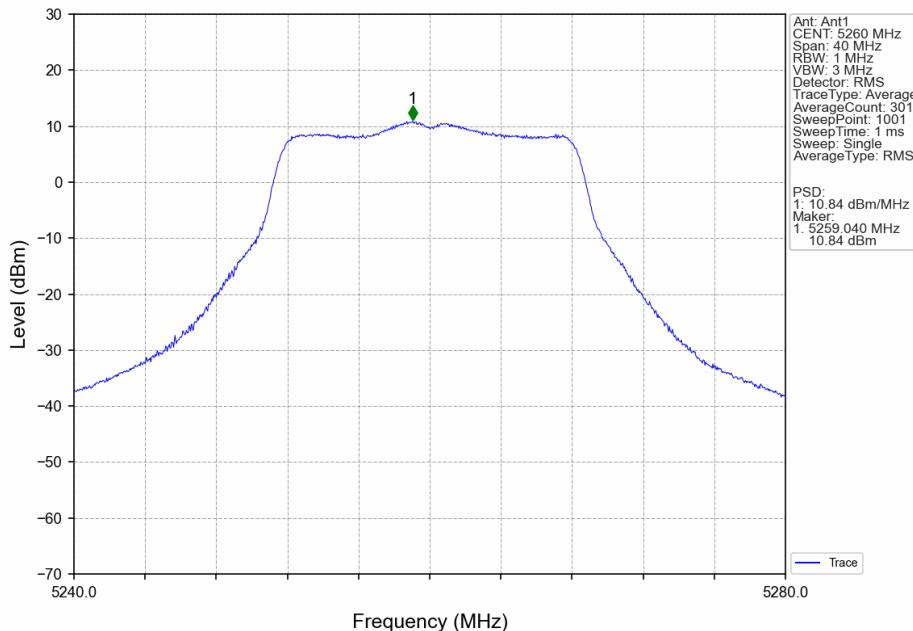
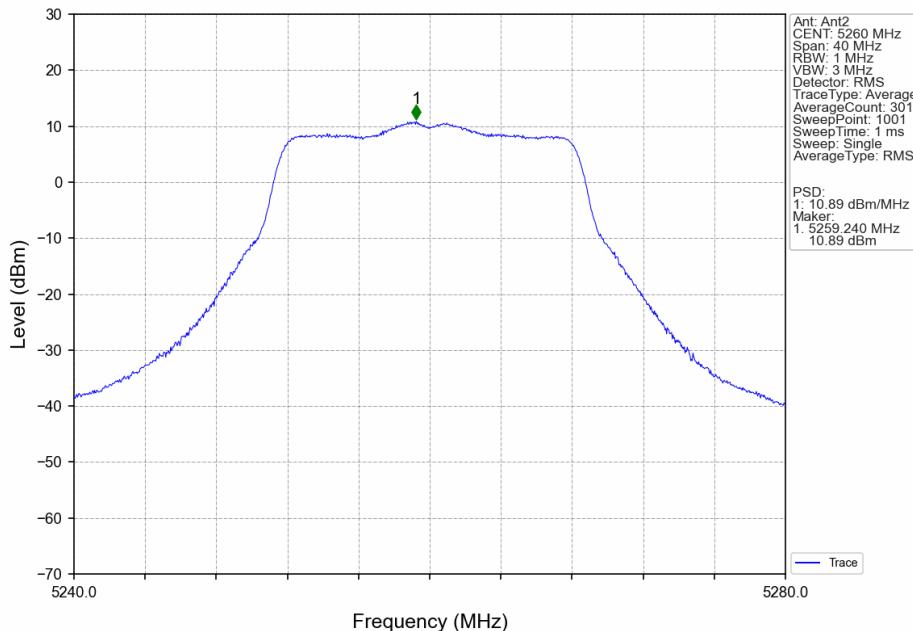
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802.11a_HCH_5240MHz_Ant1_NTNV**802.11a_HCH_5240MHz_Ant2_NTNV**

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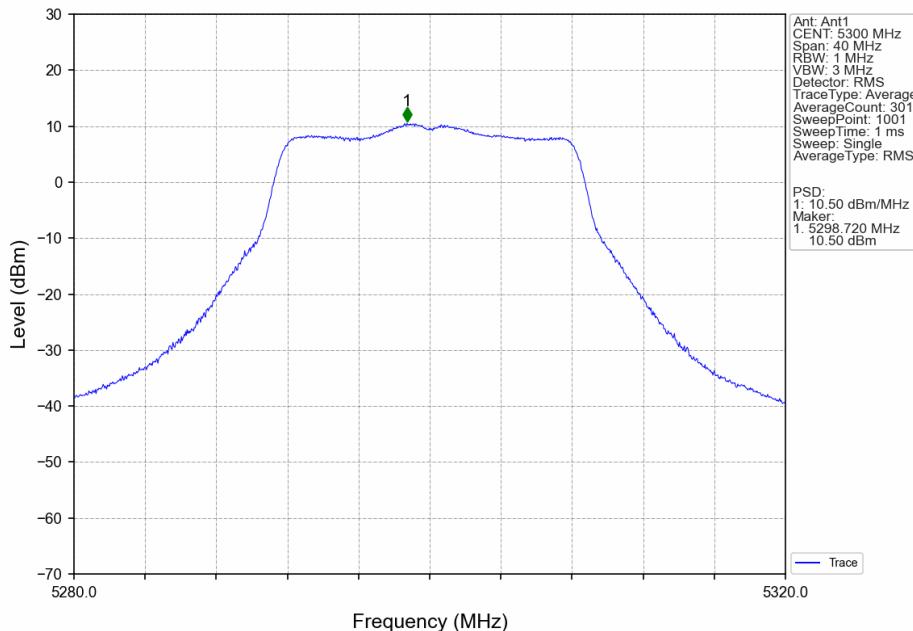
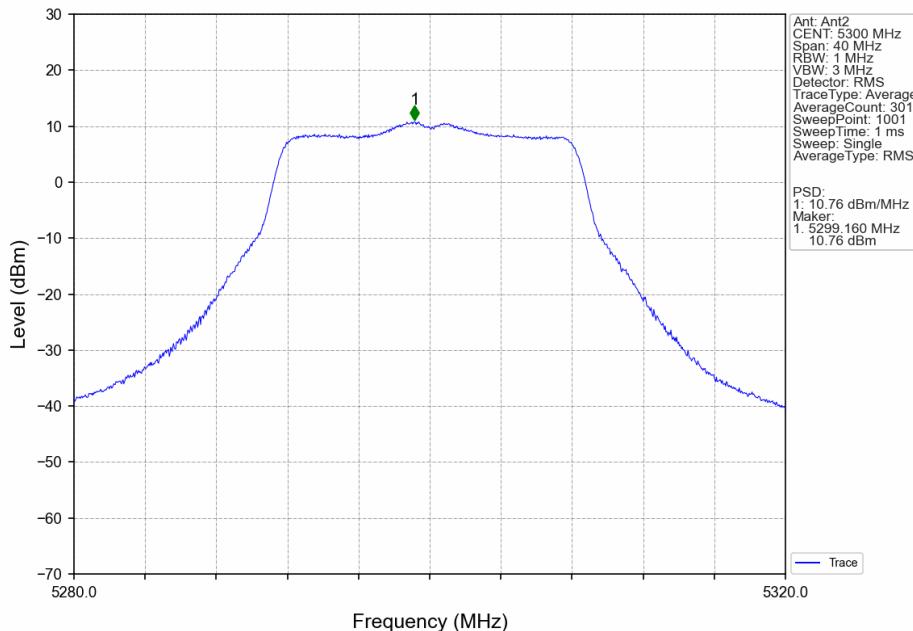
802.11a_LCH_5260MHz_Ant1_NTNV**802.11a_LCH_5260MHz_Ant2_NTNV**

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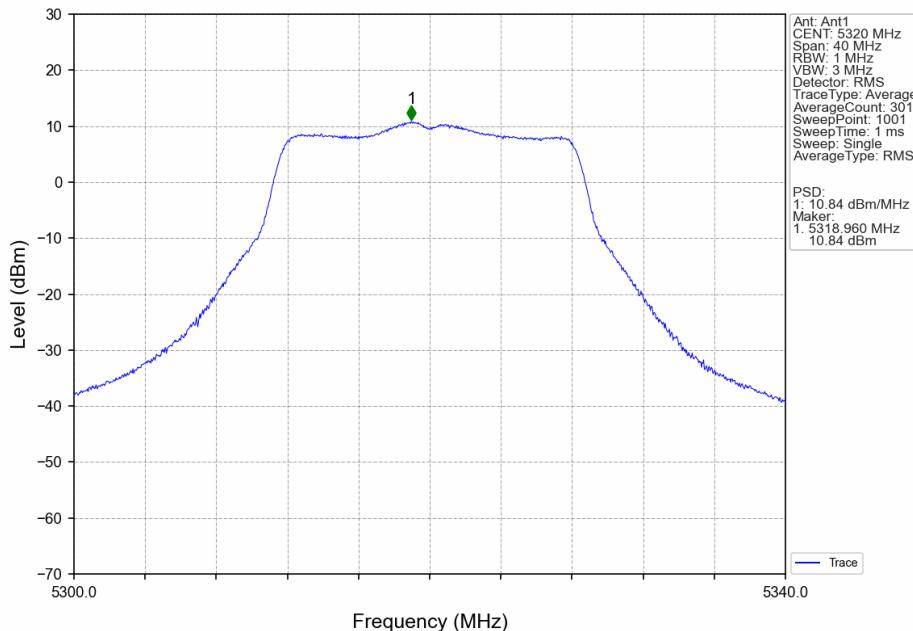
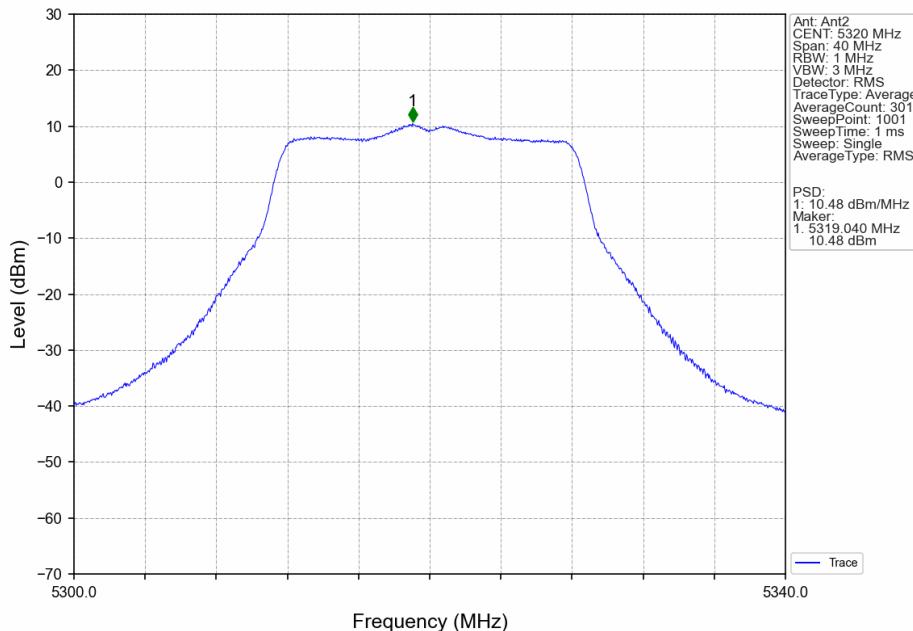
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802.11a_MCH_5300MHz_Ant1_NTNV**802.11a_MCH_5300MHz_Ant2_NTNV**

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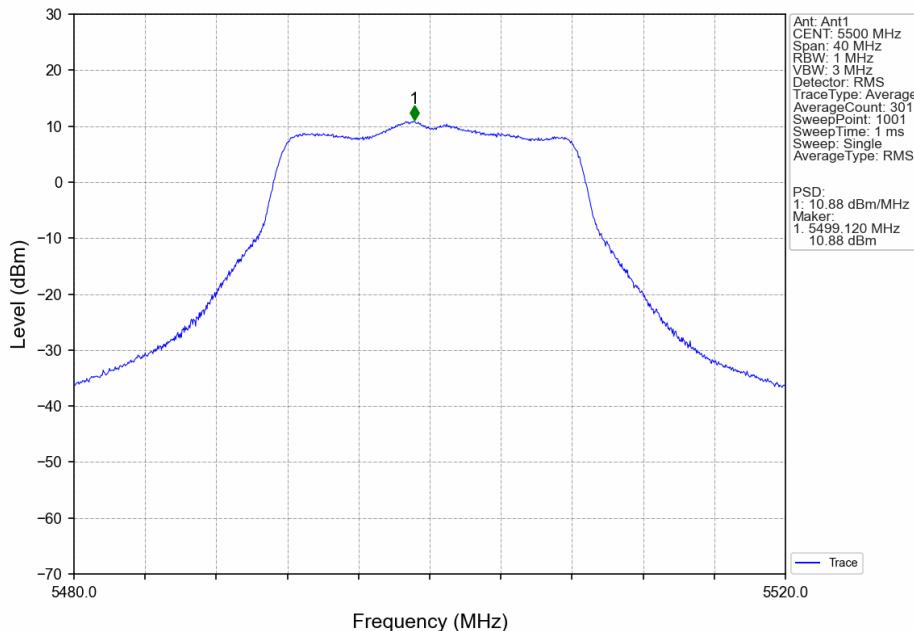
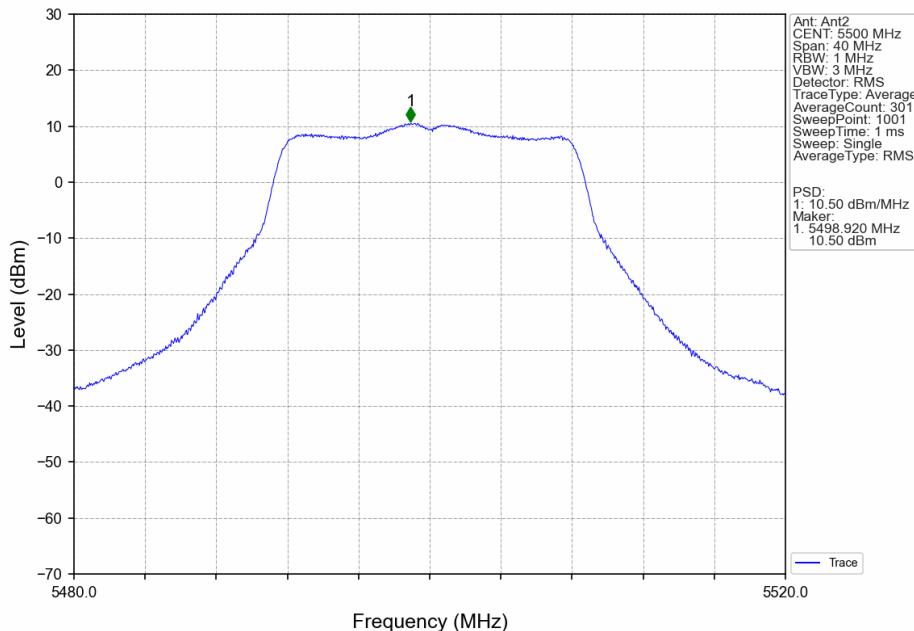
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802.11a_HCH_5320MHz_Ant1_NTNV**802.11a_HCH_5320MHz_Ant2_NTNV**

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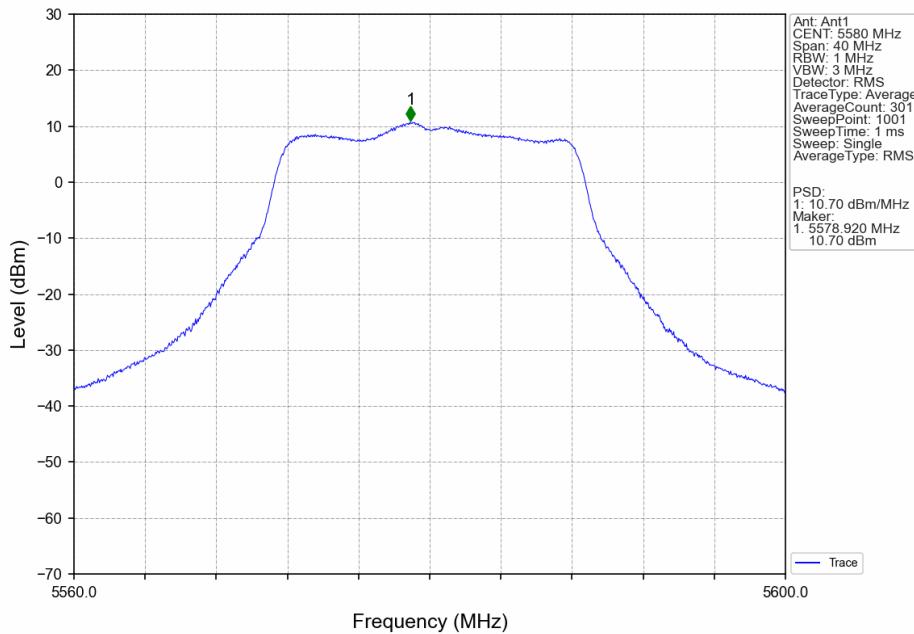
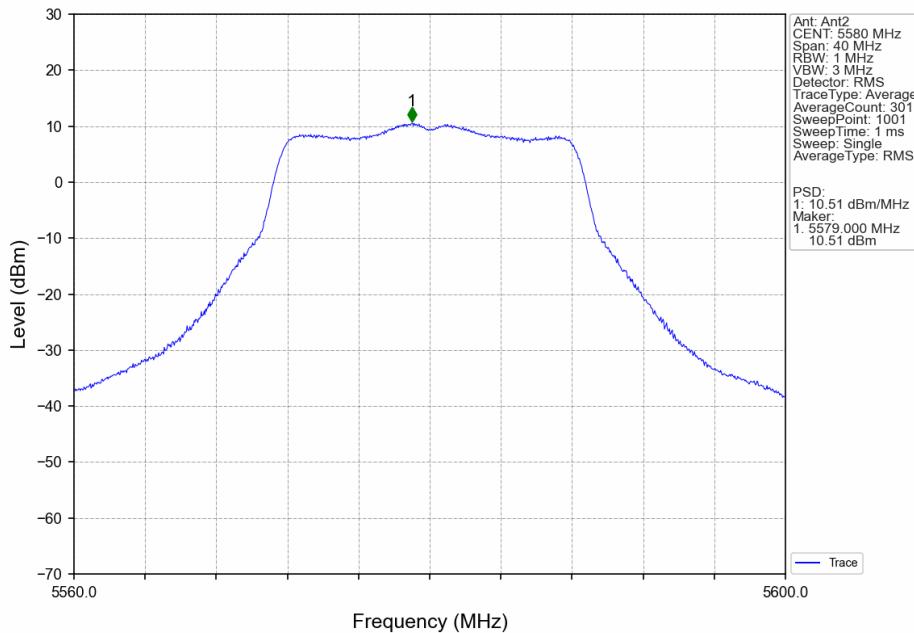
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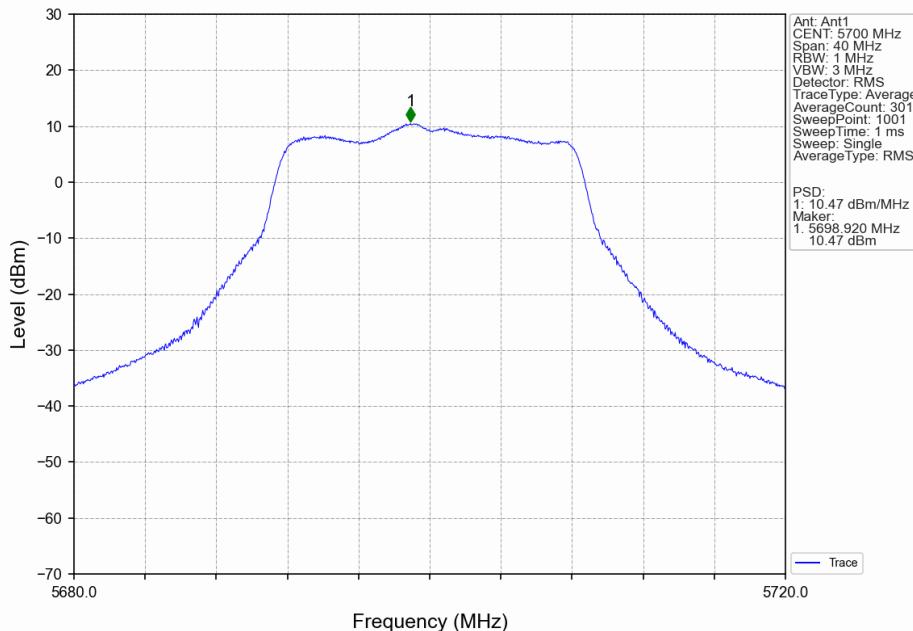
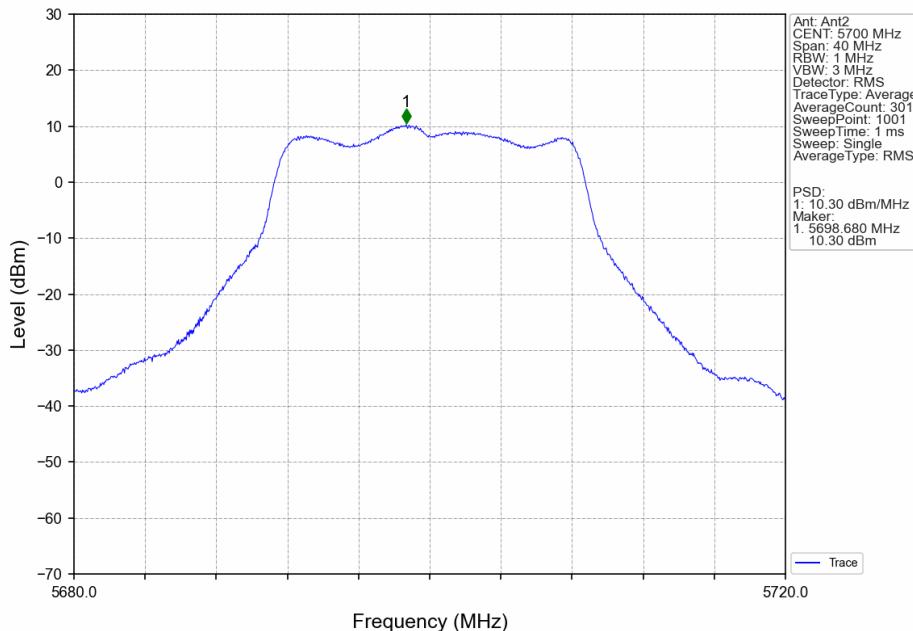
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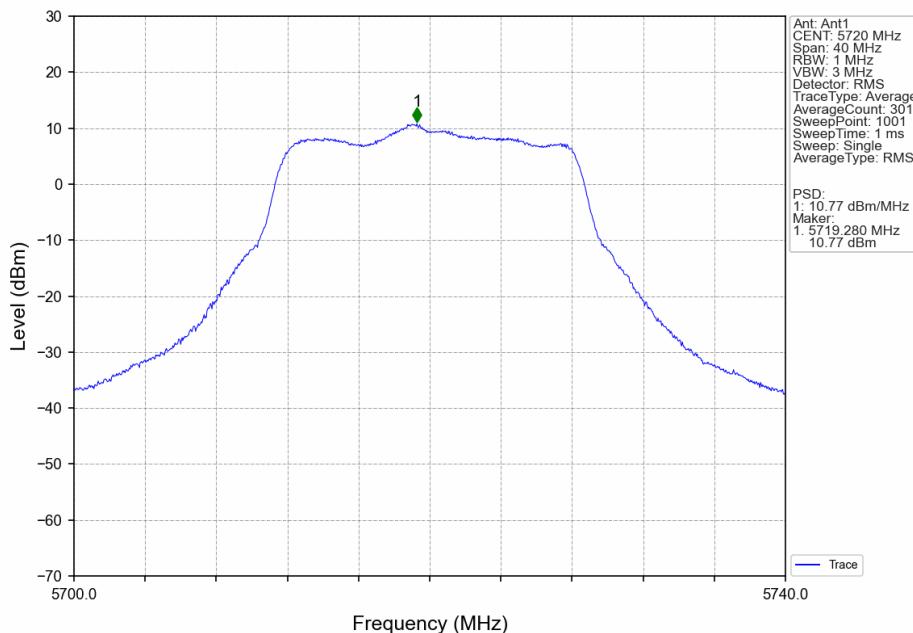
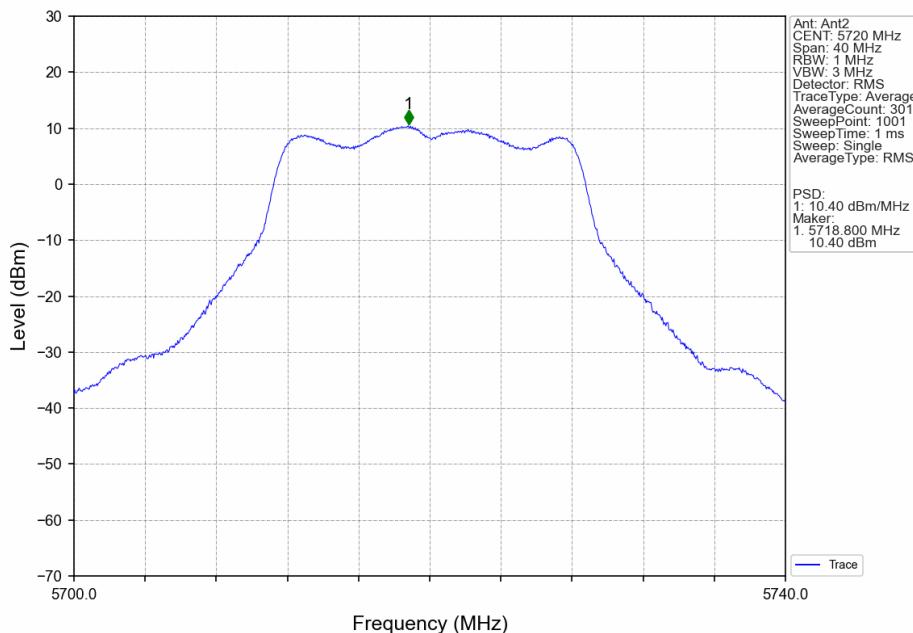
802.11a_HCH_5700MHz_Ant1_NTNV**802.11a_HCH_5700MHz_Ant2_NTNV**

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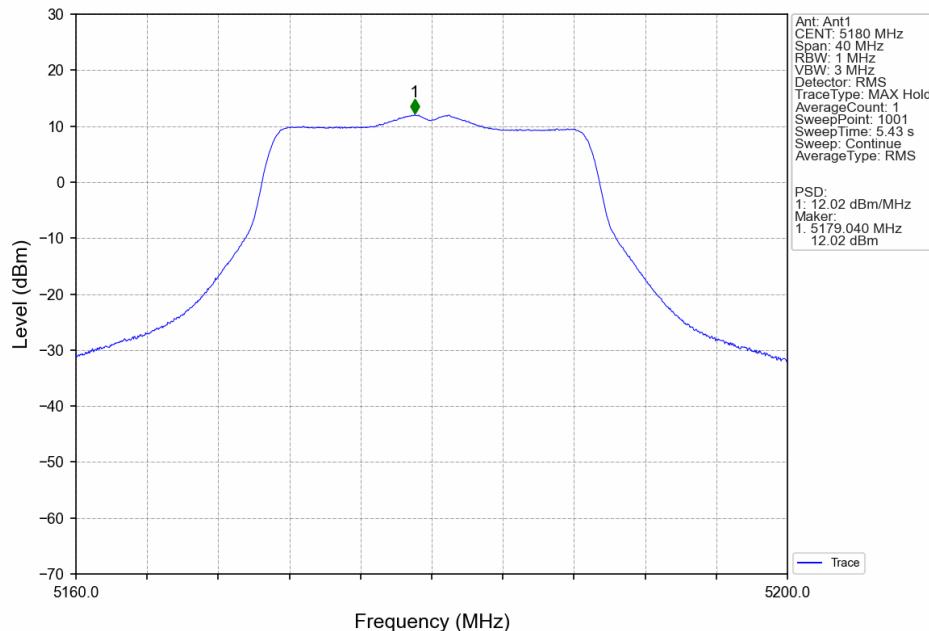
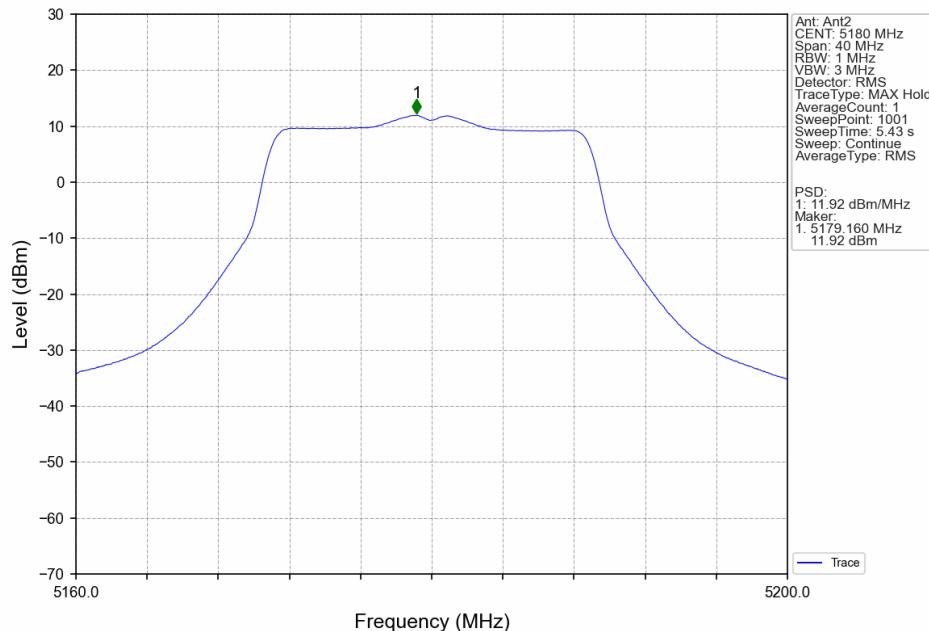
802.11a_HCH_5720MHz_Ant1_NTNV**802.11a_HCH_5720MHz_Ant2_NTNV**

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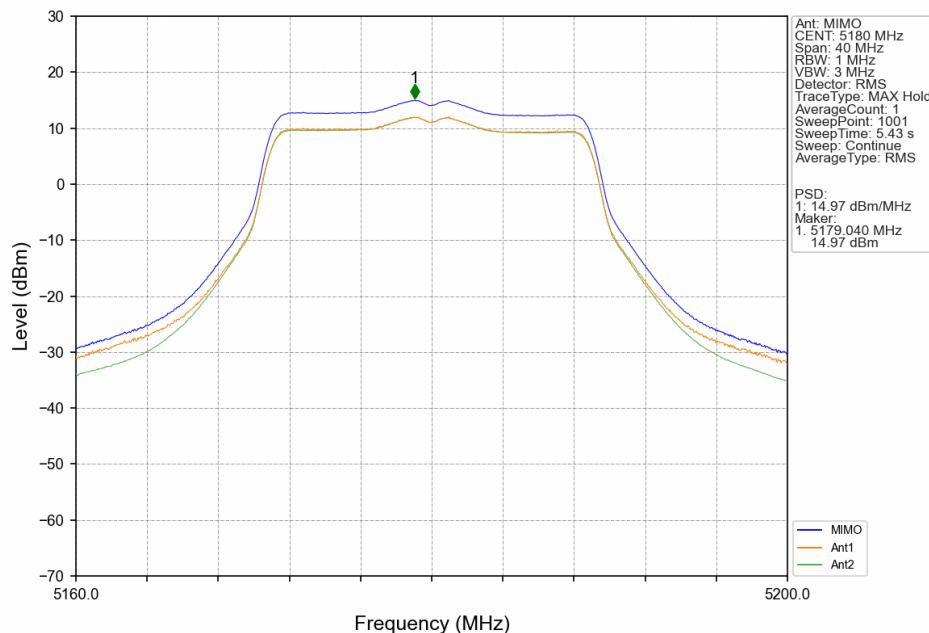
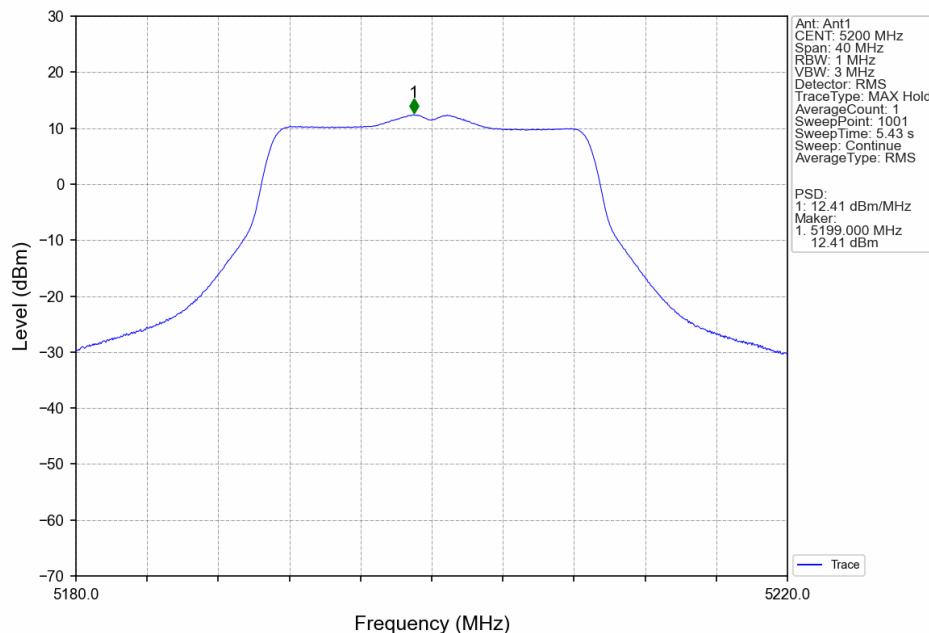
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802.11n(HT20)_LCH_5180MHz_MIMO_NTNV**802.11n(HT20)_MCH_5200MHz_Ant1_NTNV**

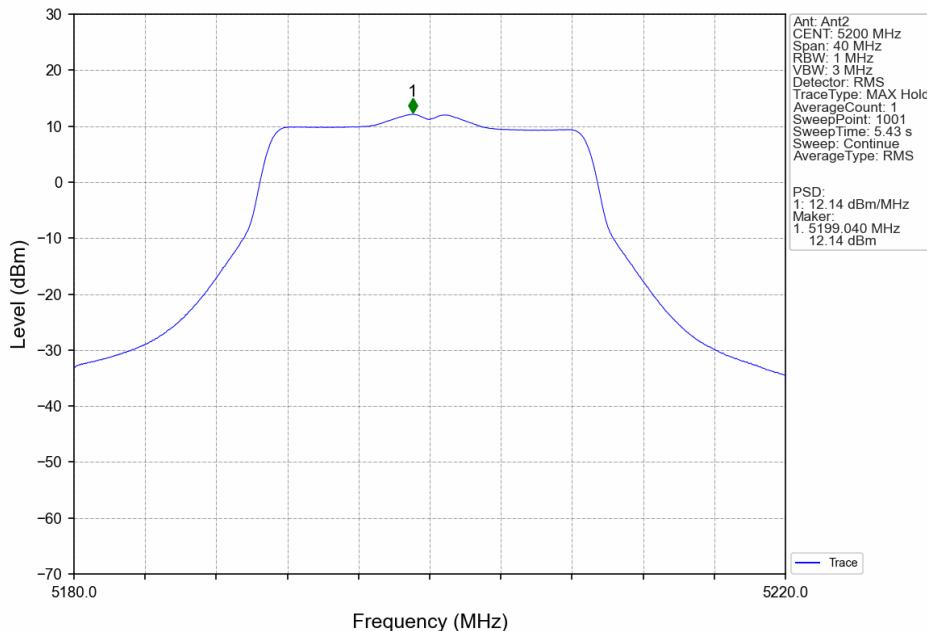
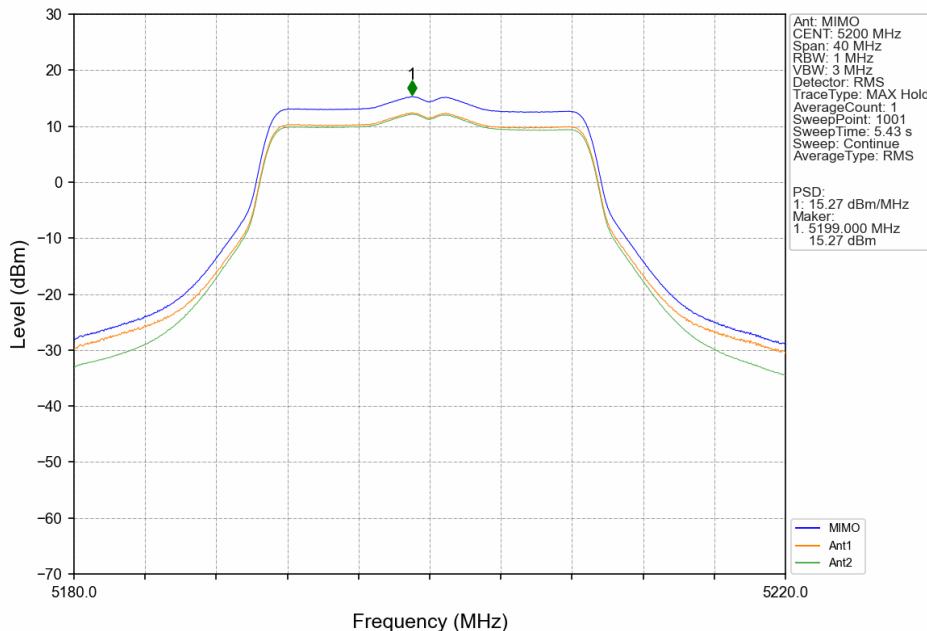
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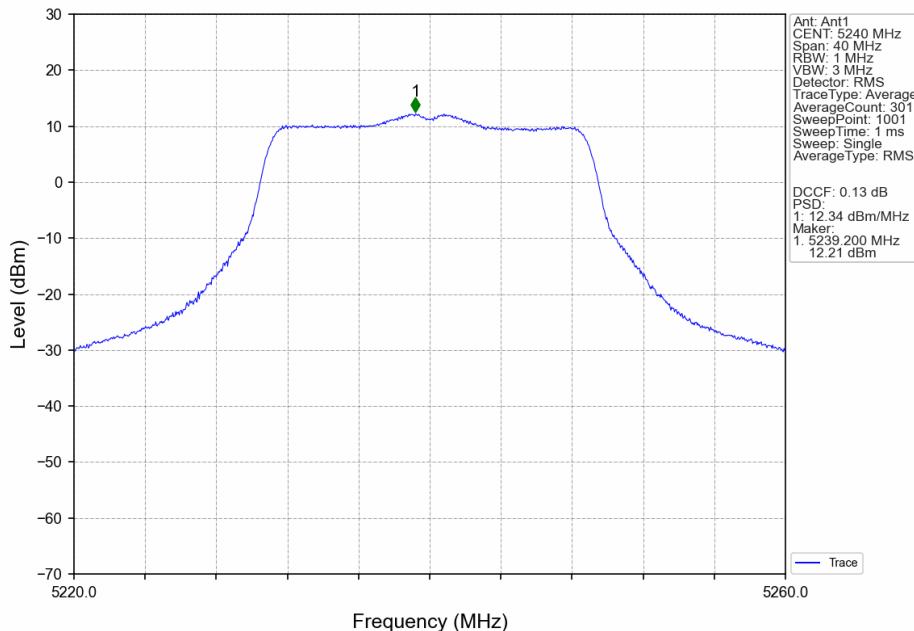
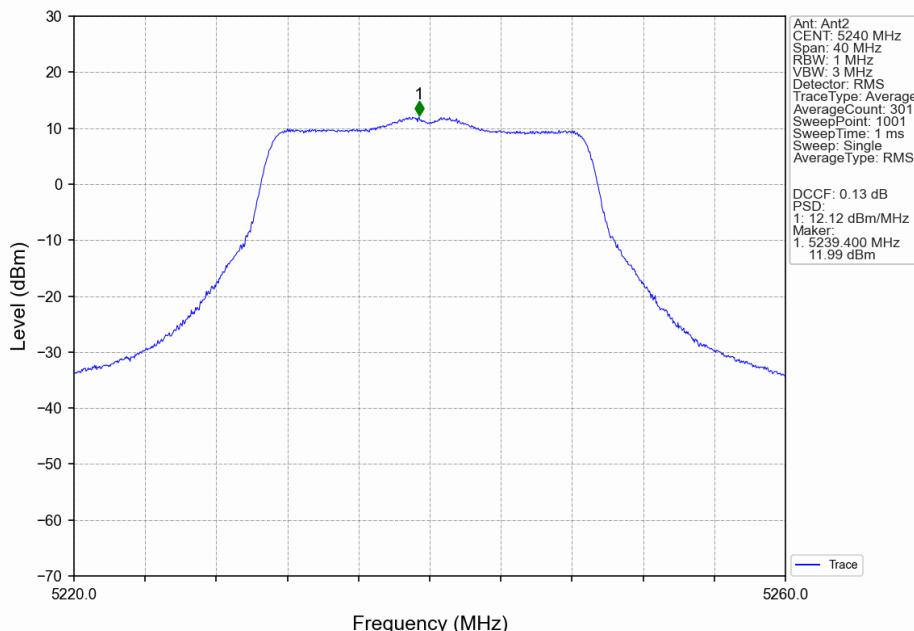
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802.11n(HT20)_MCH_5200MHz_Ant2_NTNV**802.11n(HT20)_MCH_5200MHz_MIMO_NTNV**

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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV**802.11n(HT20)_HCH_5240MHz_Ant2_NTNV**

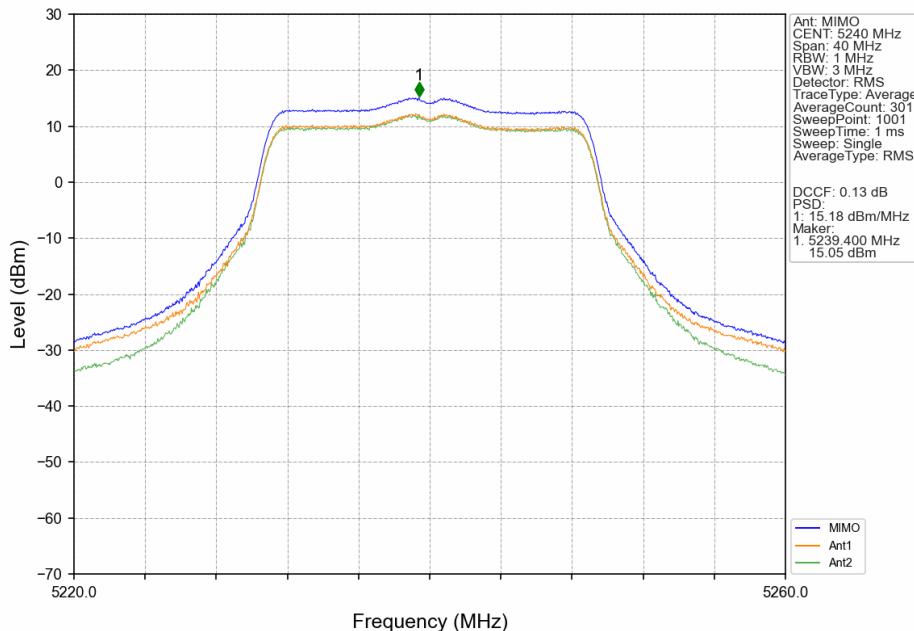
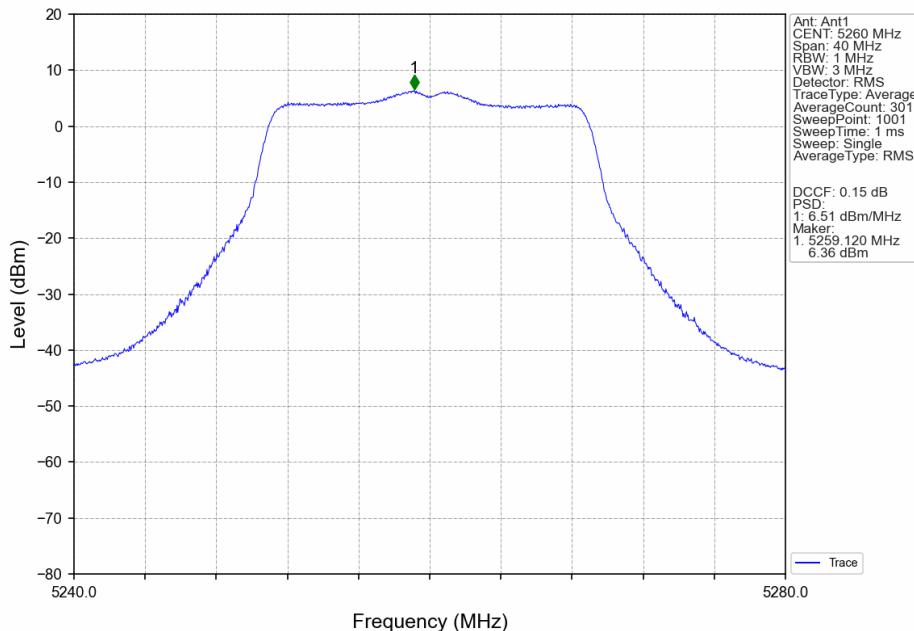
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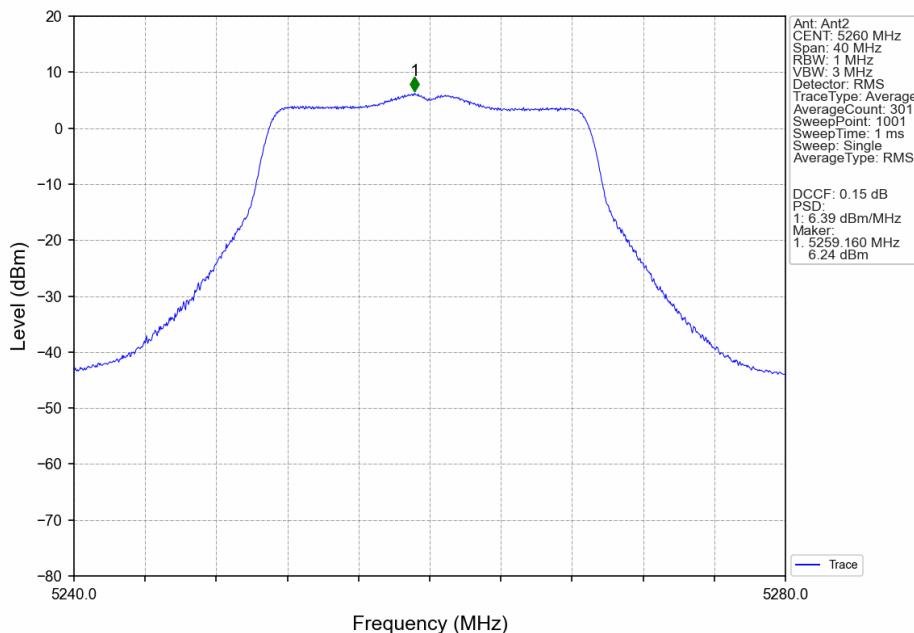
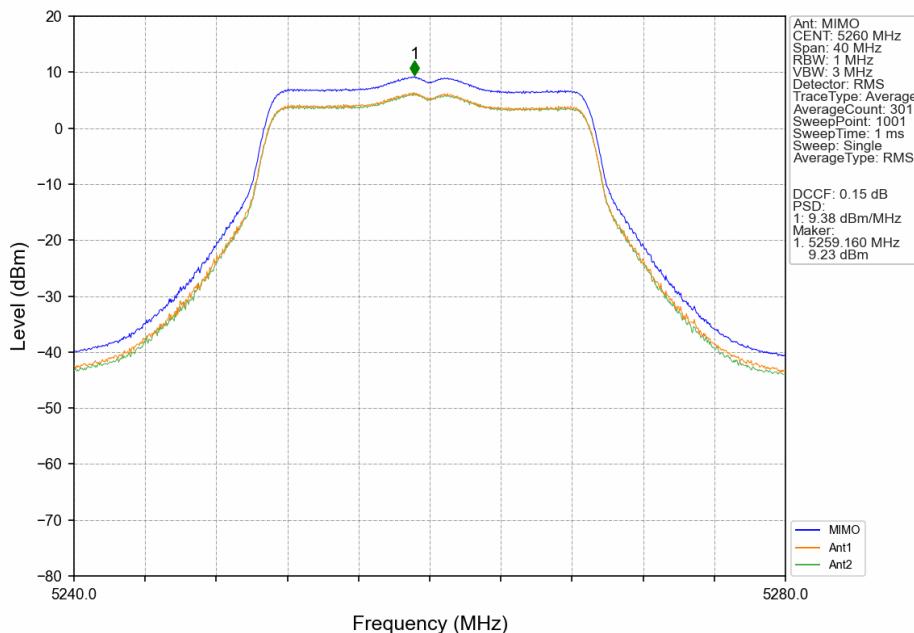
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802.11n(HT20)_HCH_5240MHz_MIMO_NTNV**802.11n(HT20)_LCH_5260MHz_Ant1_NTNV**

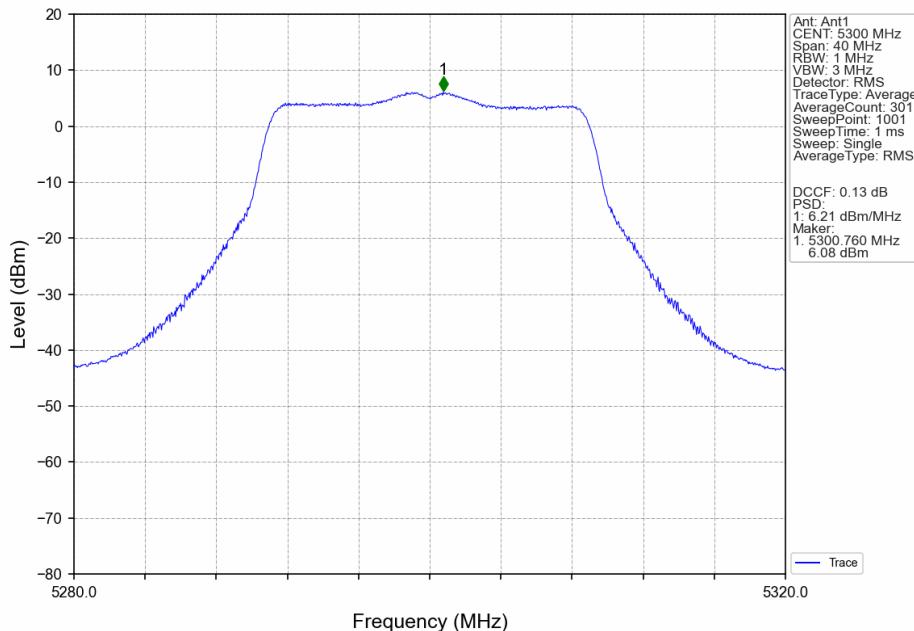
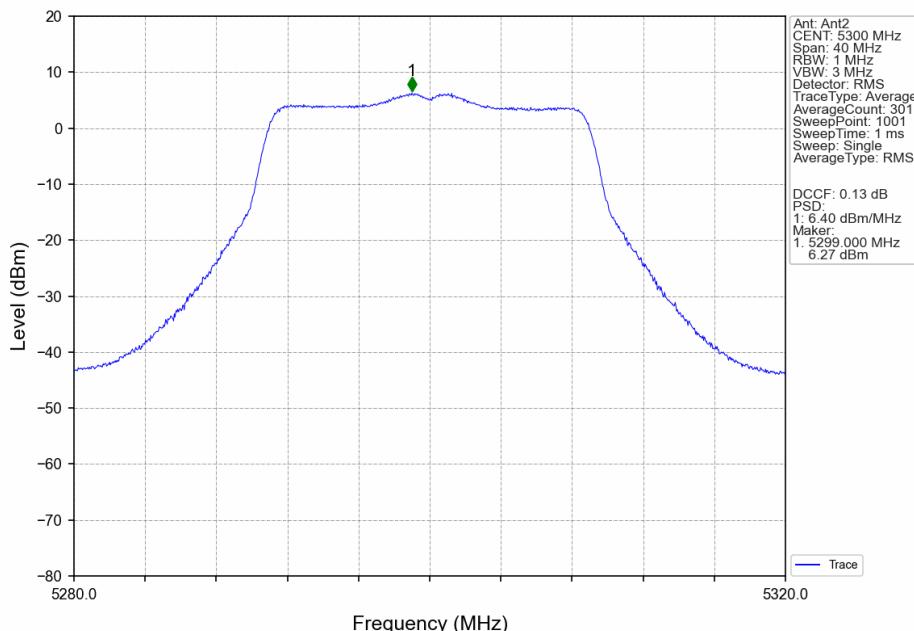
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802.11n(HT20)_LCH_5260MHz_Ant2_NTNV**802.11n(HT20)_LCH_5260MHz_MIMO_NTNV**

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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV**802.11n(HT20)_MCH_5300MHz_Ant2_NTNV**

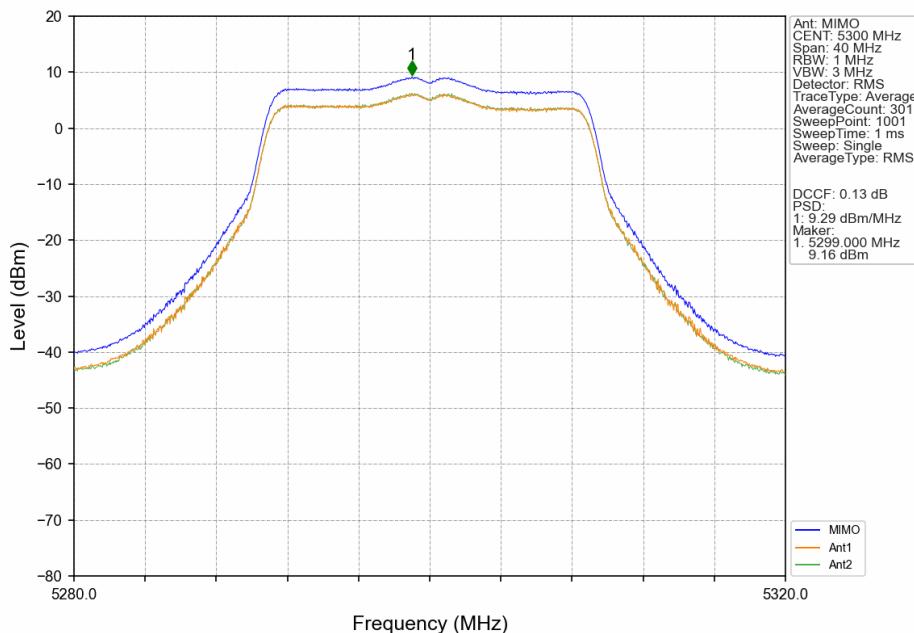
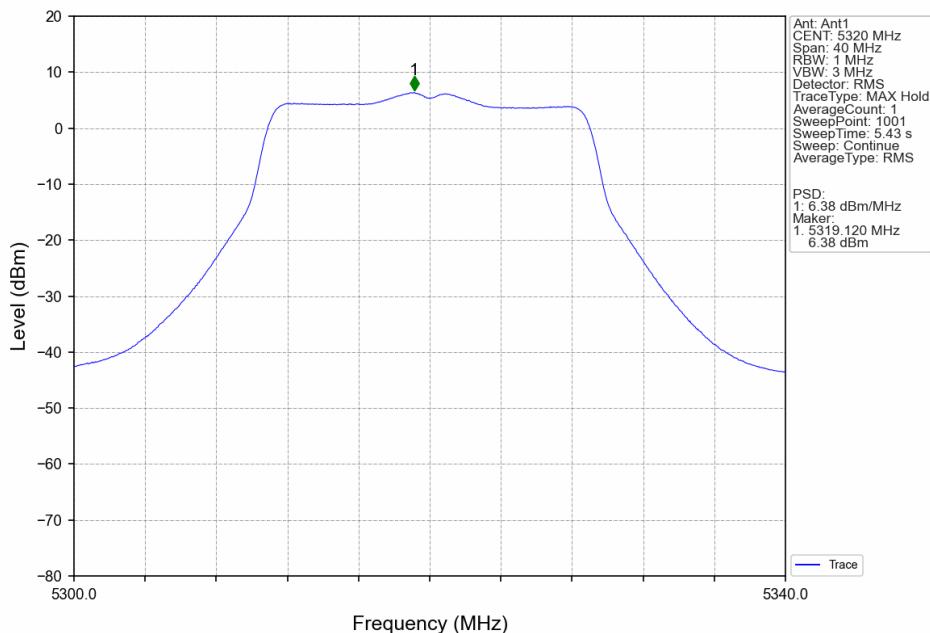
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Shenzhen Branch (SGS-CSTC Shenzhen Laboratory)

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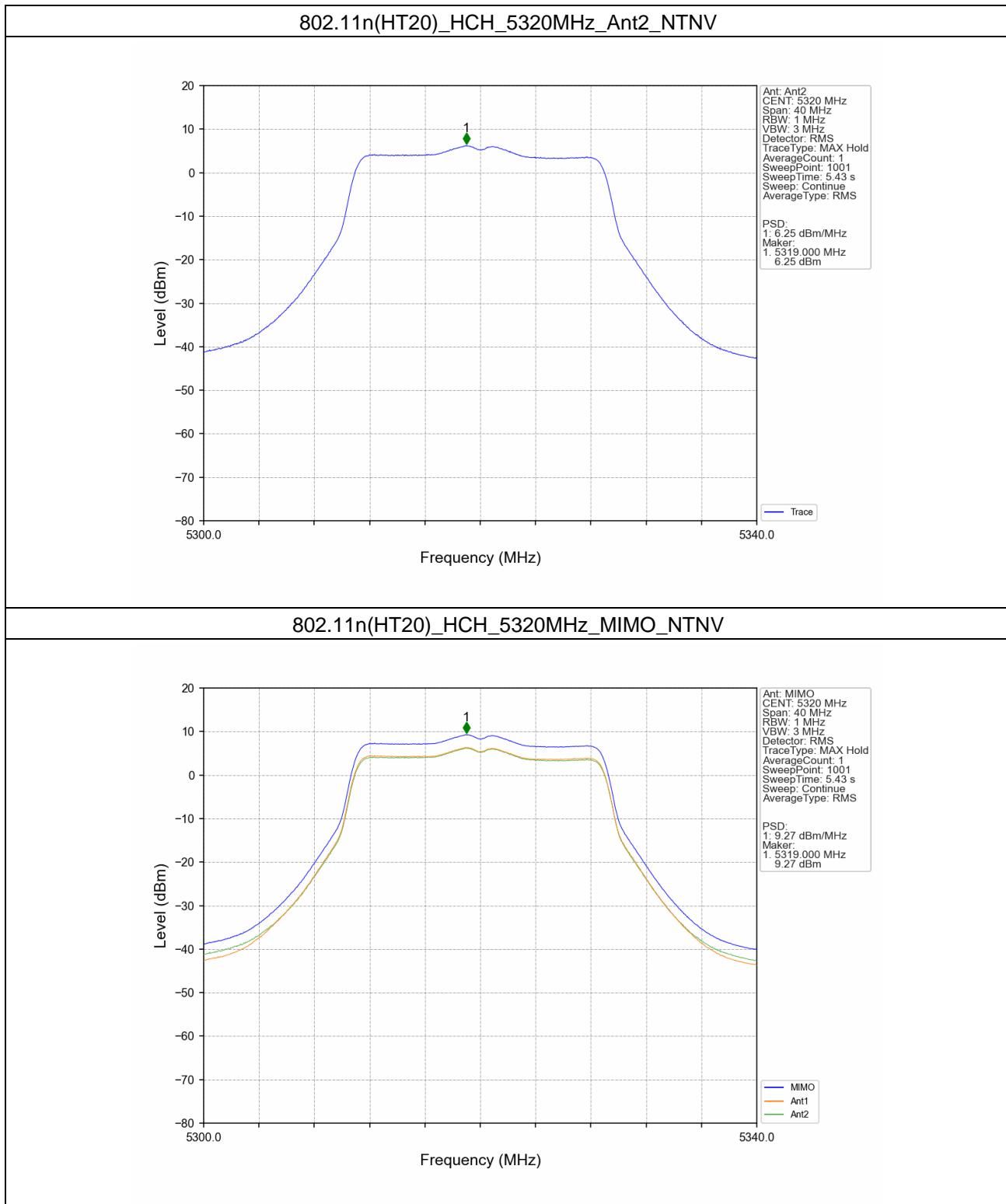
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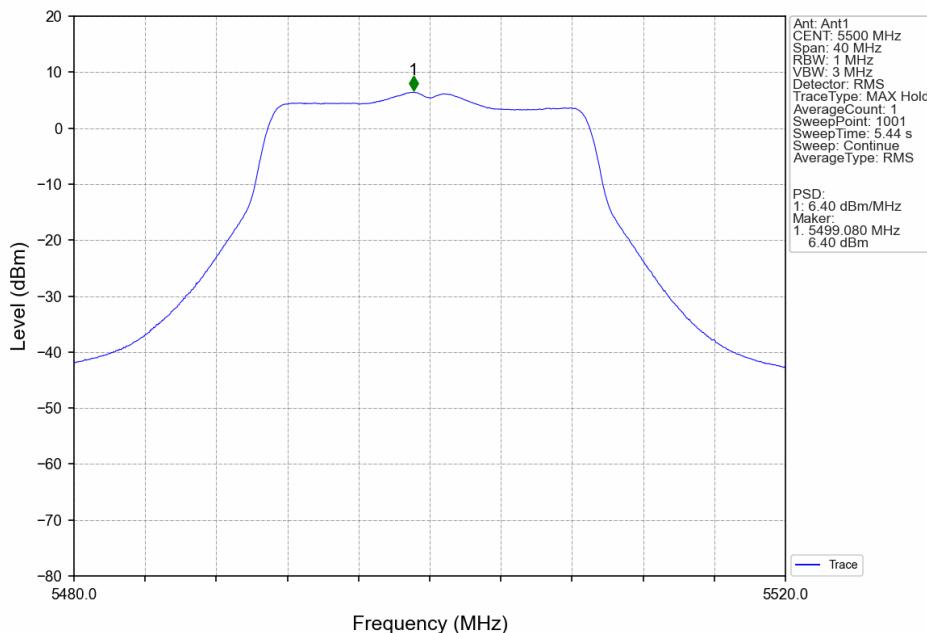
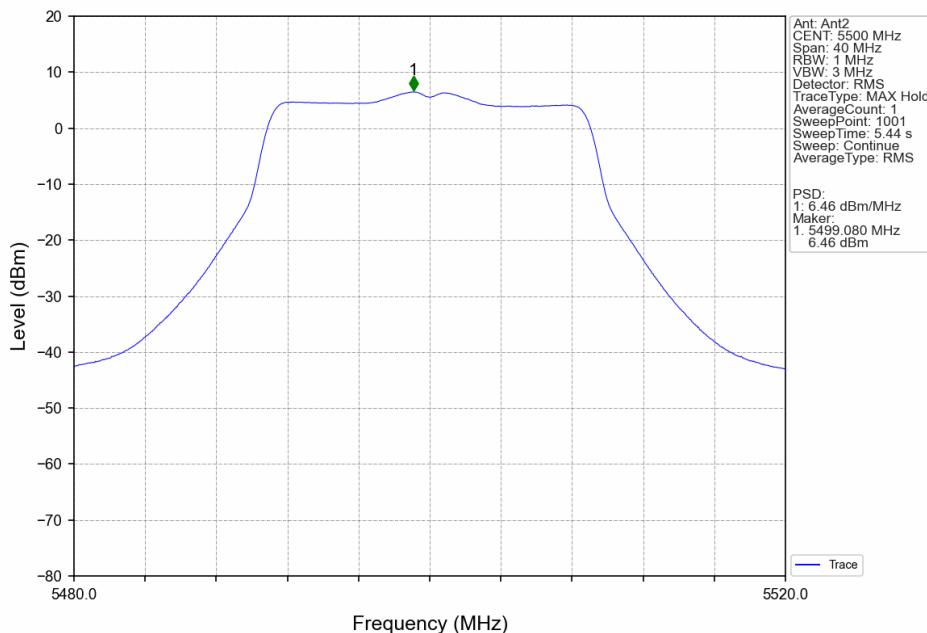
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802.11n(HT20)_MCH_5300MHz_MIMO_NTNV**802.11n(HT20)_HCH_5320MHz_Ant1_NTNV**

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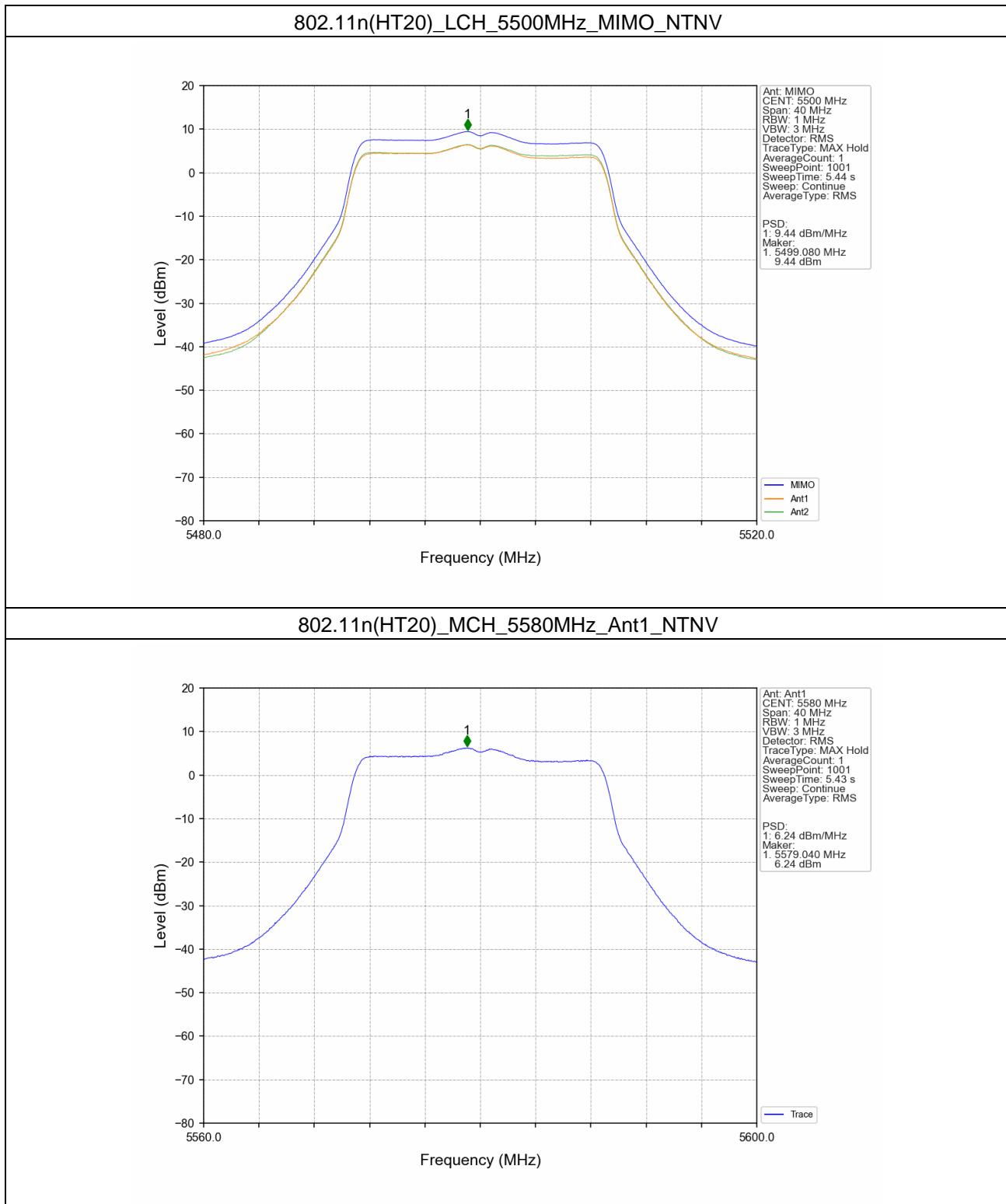
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV**802.11n(HT20)_LCH_5500MHz_Ant2_NTNV**

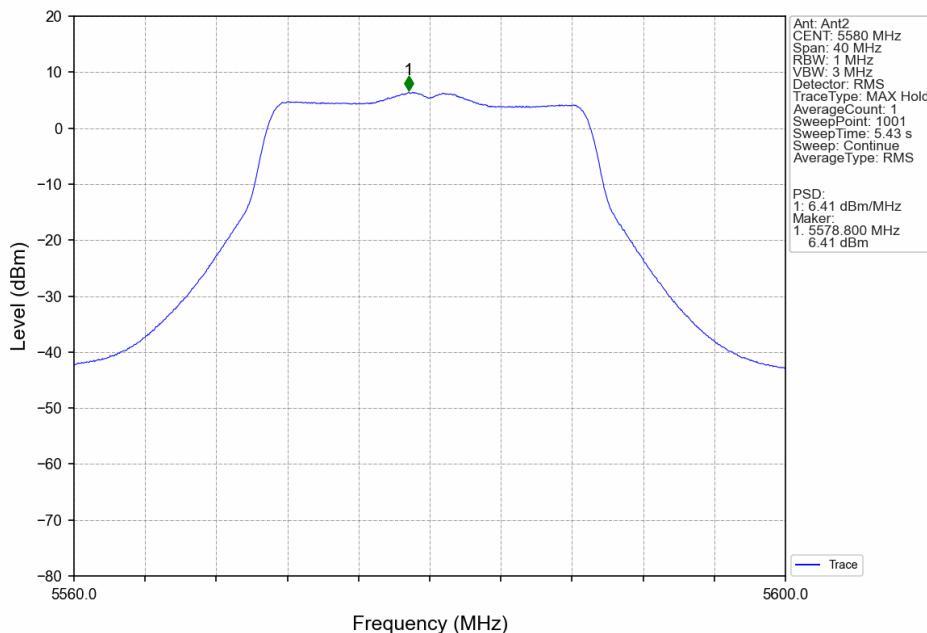
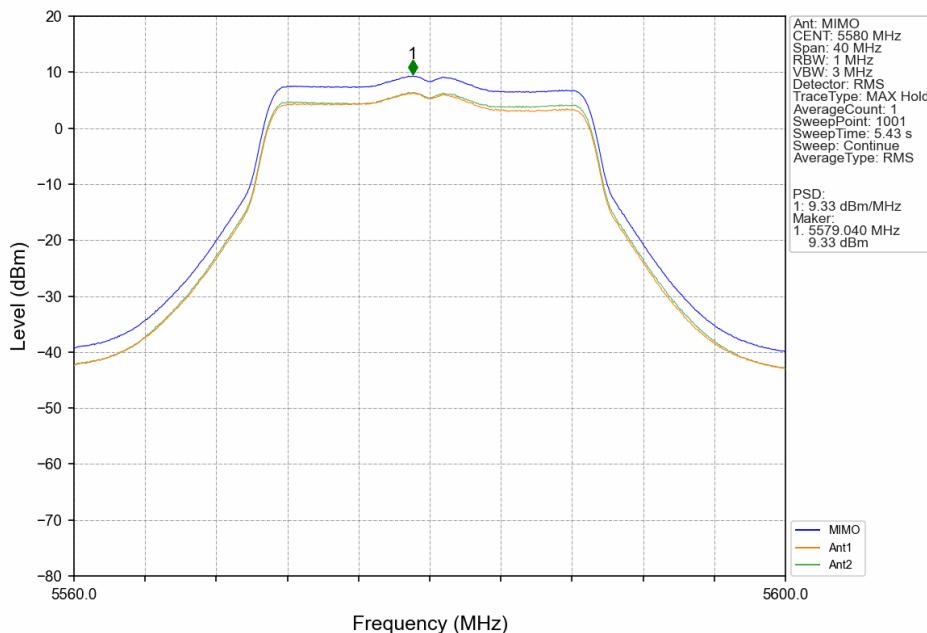
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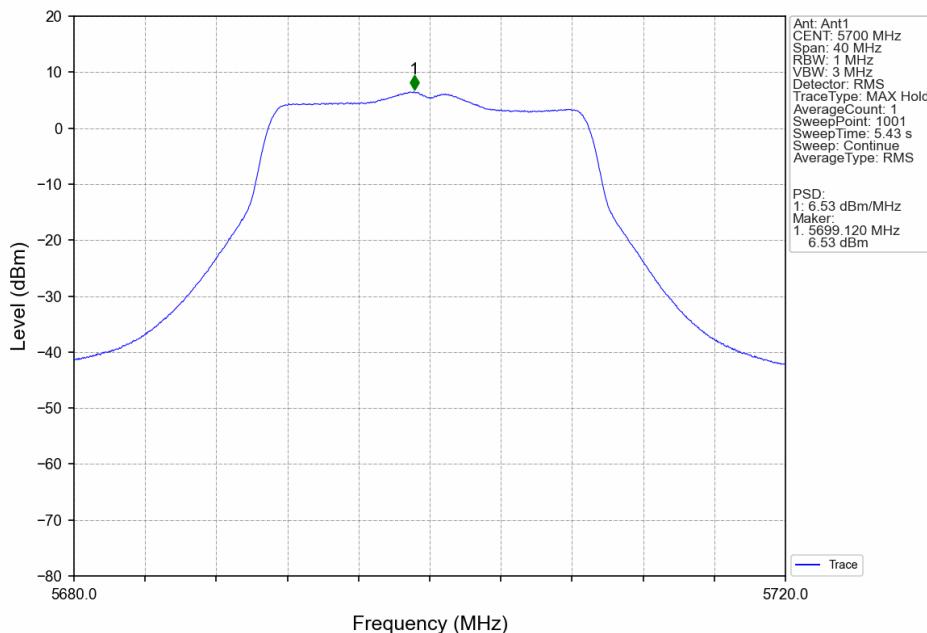
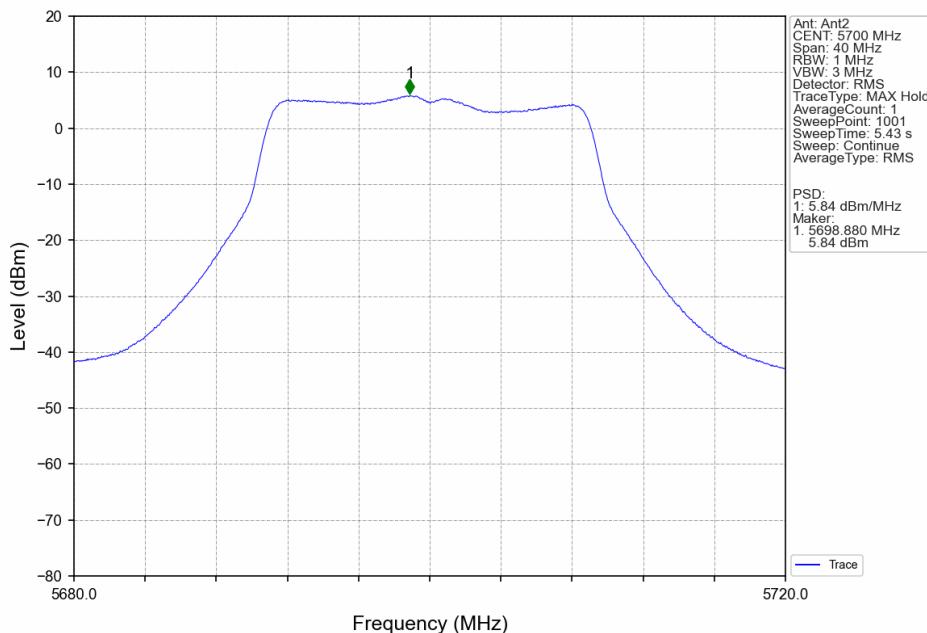
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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV**802.11n(HT20)_MCH_5580MHz_MIMO_NTNV**

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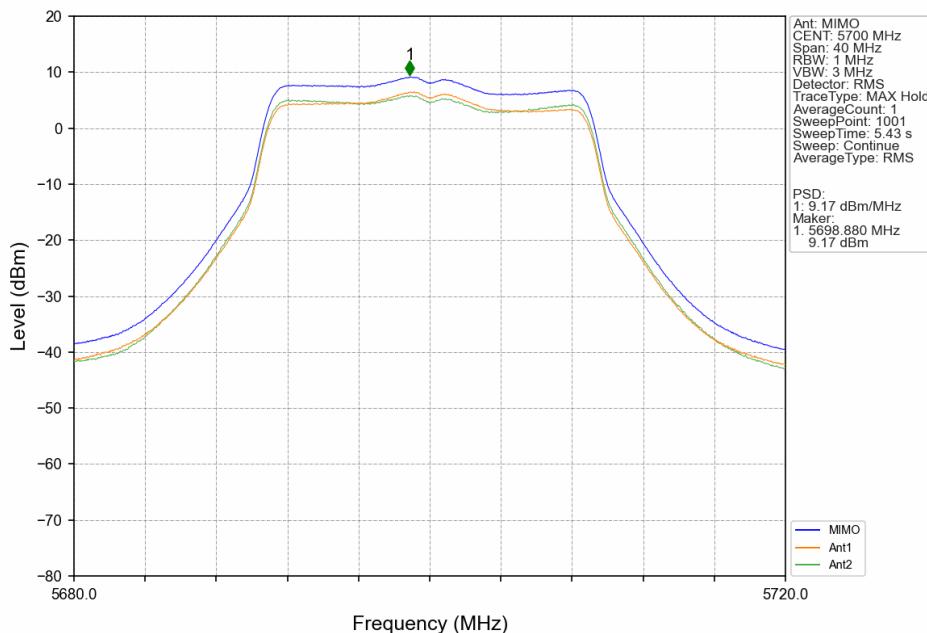
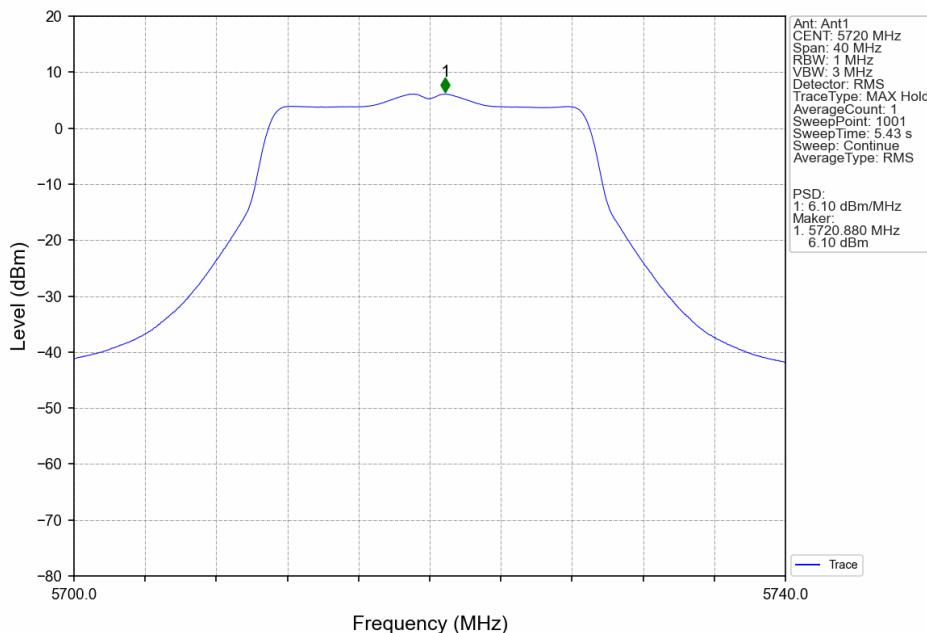


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV**802.11n(HT20)_HCH_5700MHz_Ant2_NTNV**

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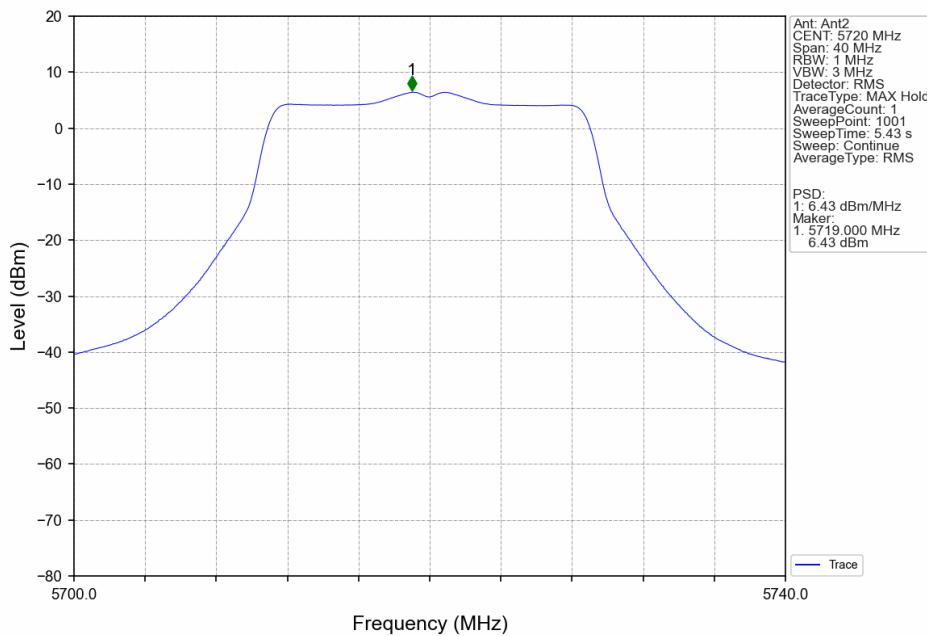
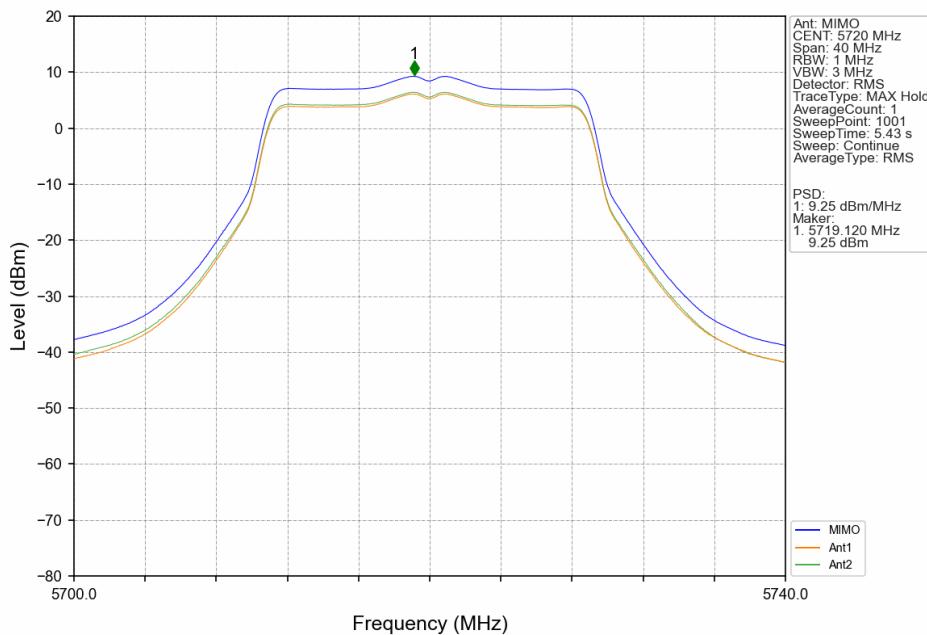
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802.11n(HT20)_HCH_5700MHz_MIMO_NTNV**802.11n(HT20)_HCH_5720MHz_Ant1_NTNV**

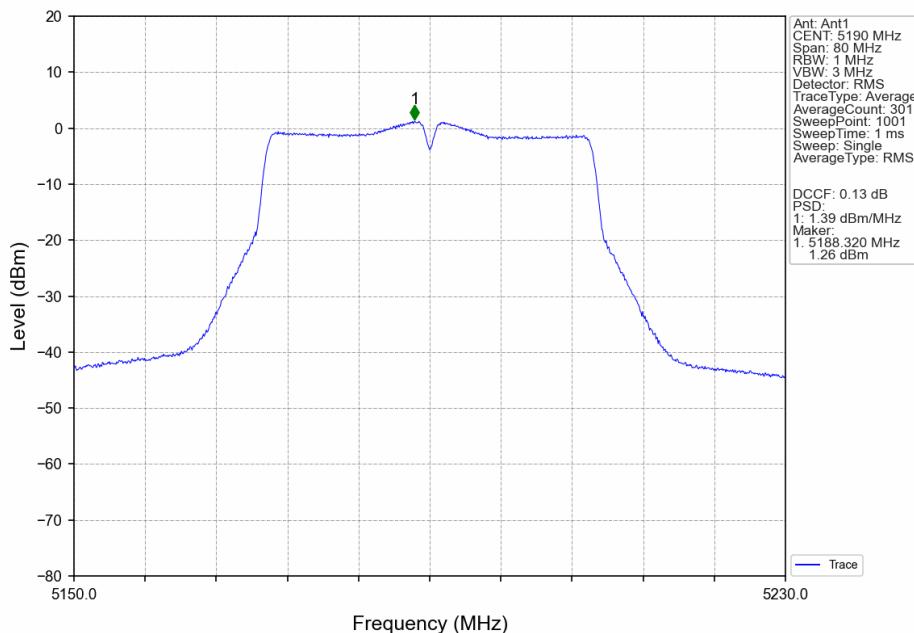
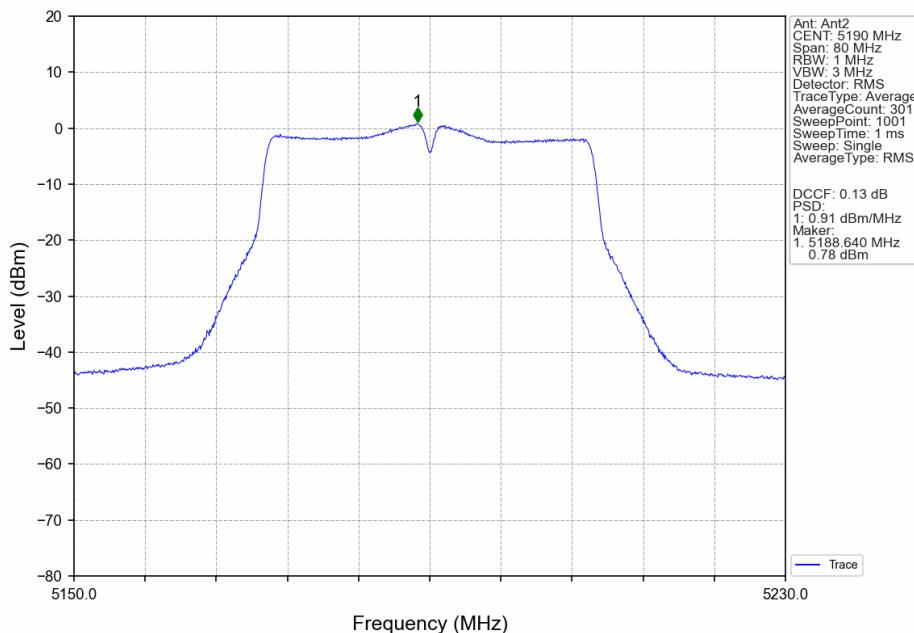
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802.11n(HT20)_HCH_5720MHz_Ant2_NTNV**802.11n(HT20)_HCH_5720MHz_MIMO_NTNV**

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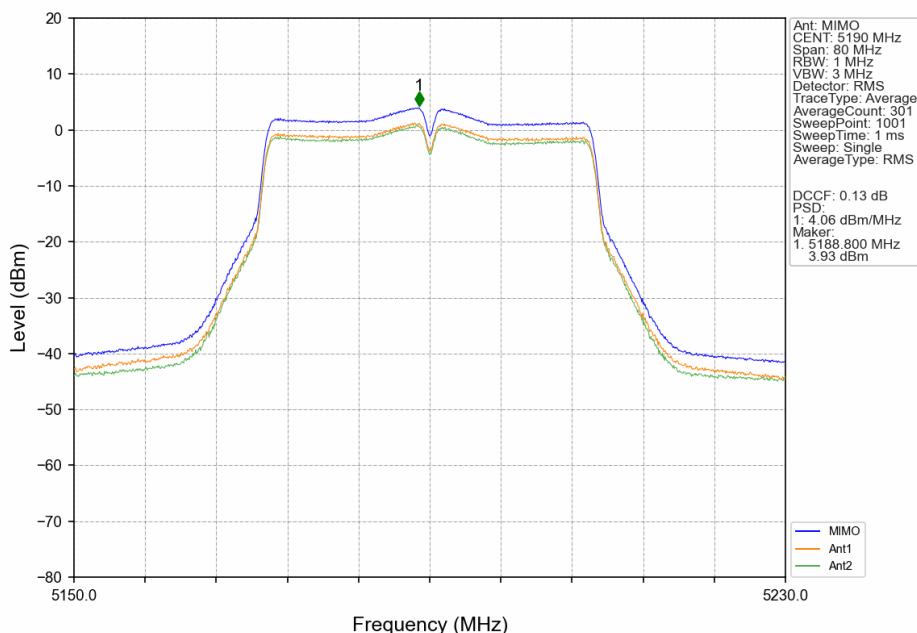
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV**802.11n(HT40)_LCH_5190MHz_Ant2_NTNV**

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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV

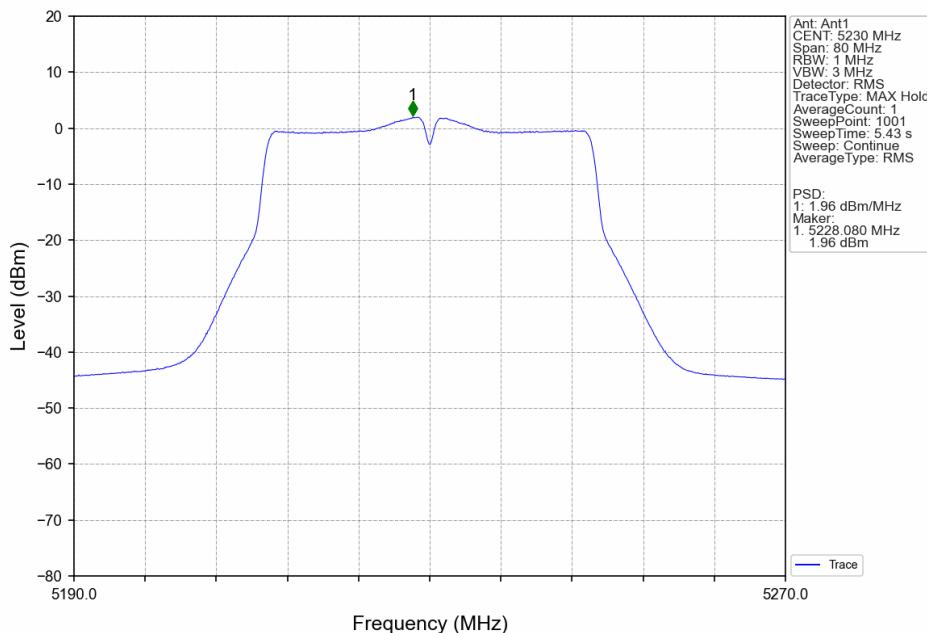
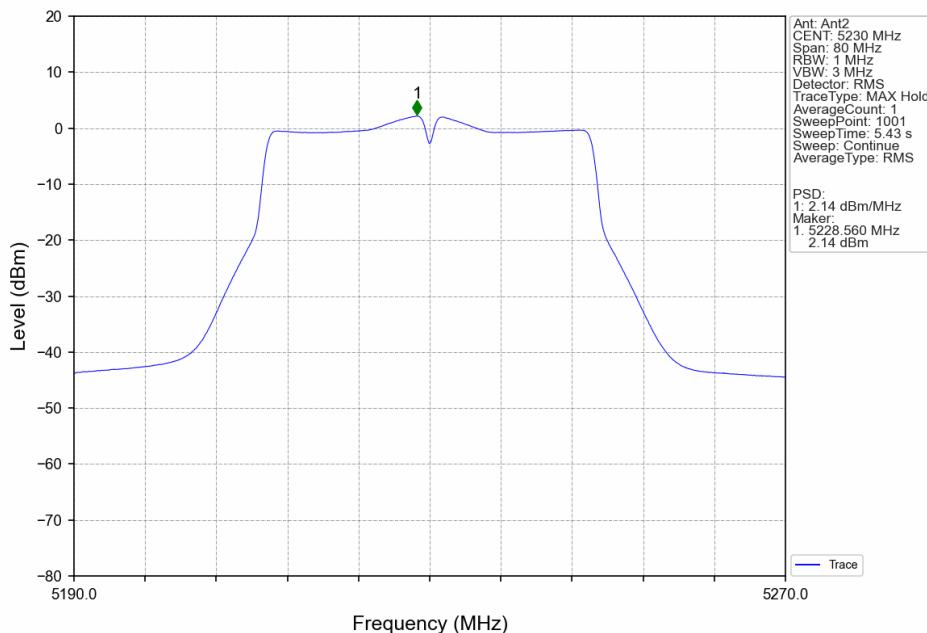


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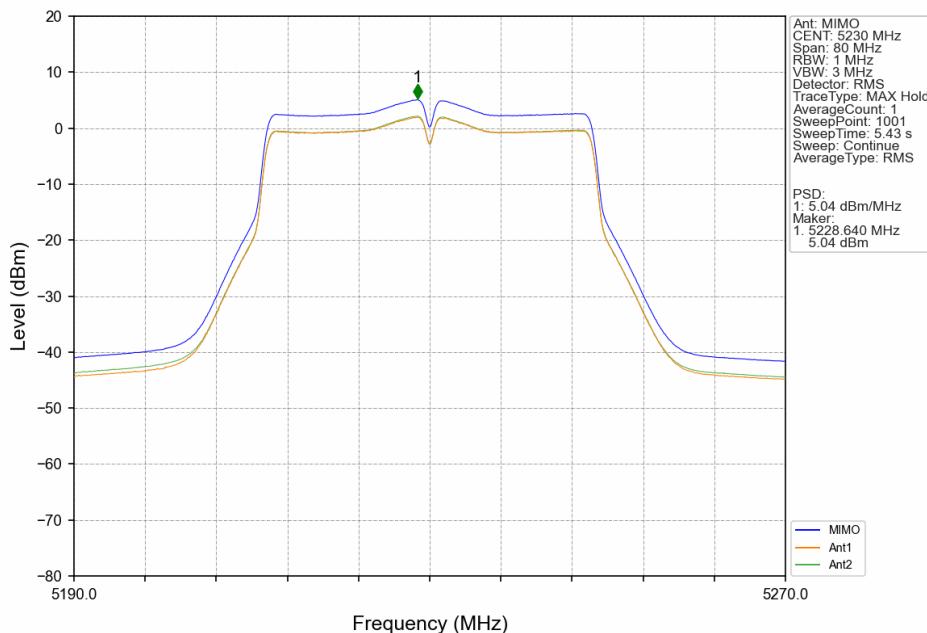
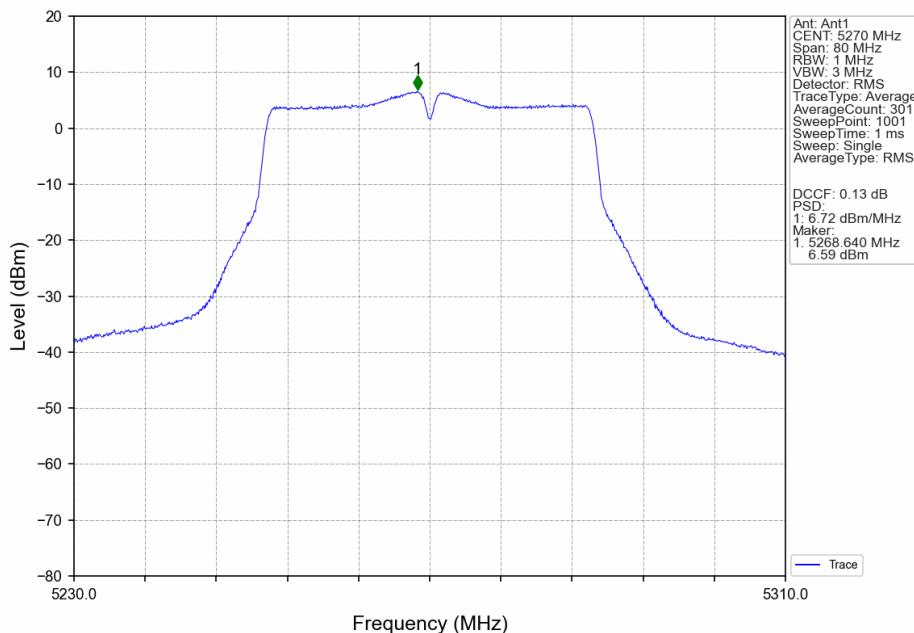
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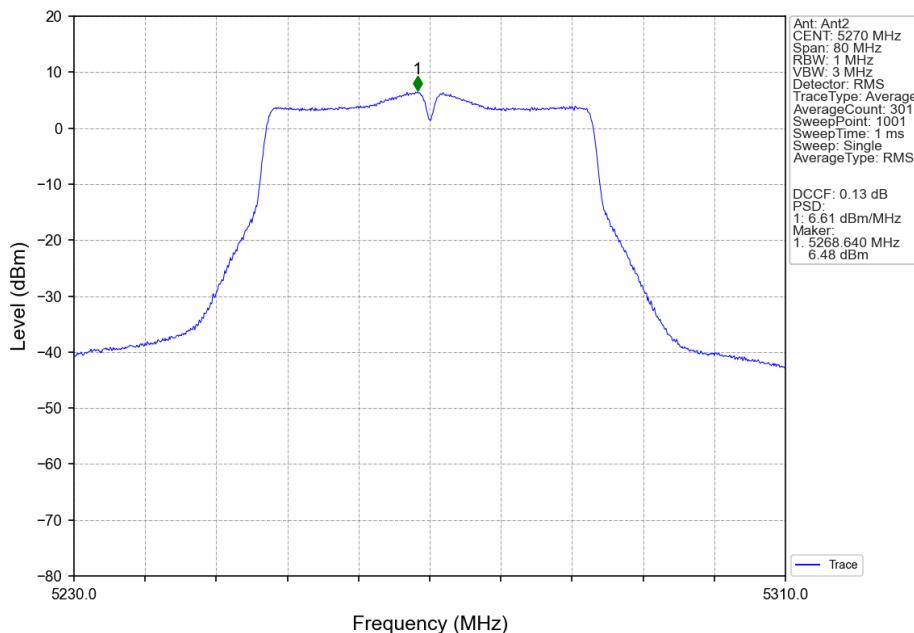
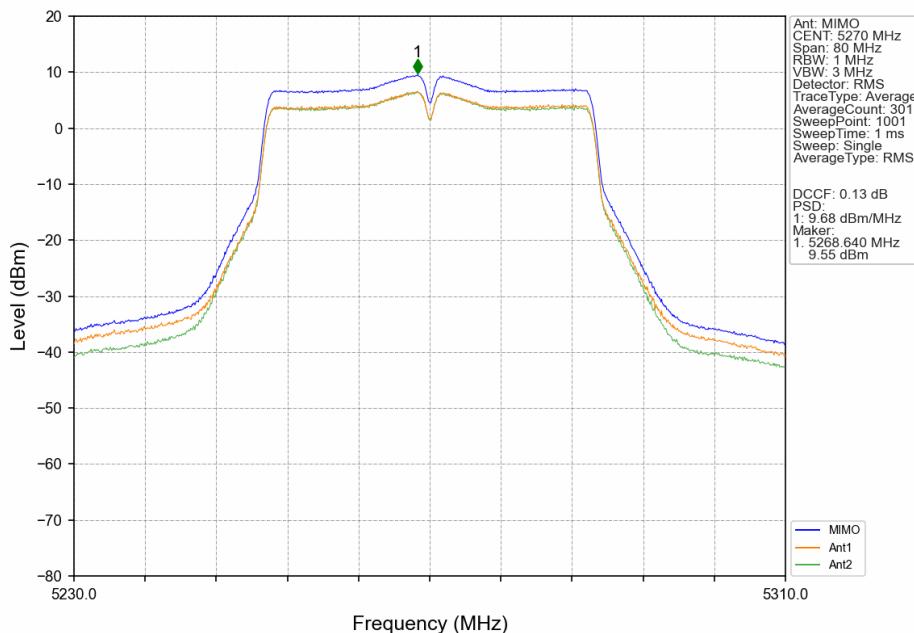


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Shenzhen Branch Inspection & Testing Services Laboratory

802.11n(HT40)_HCH_5230MHz_MIMO_NTNV**802.11n(HT40)_LCH_5270MHz_Ant1_NTNV**

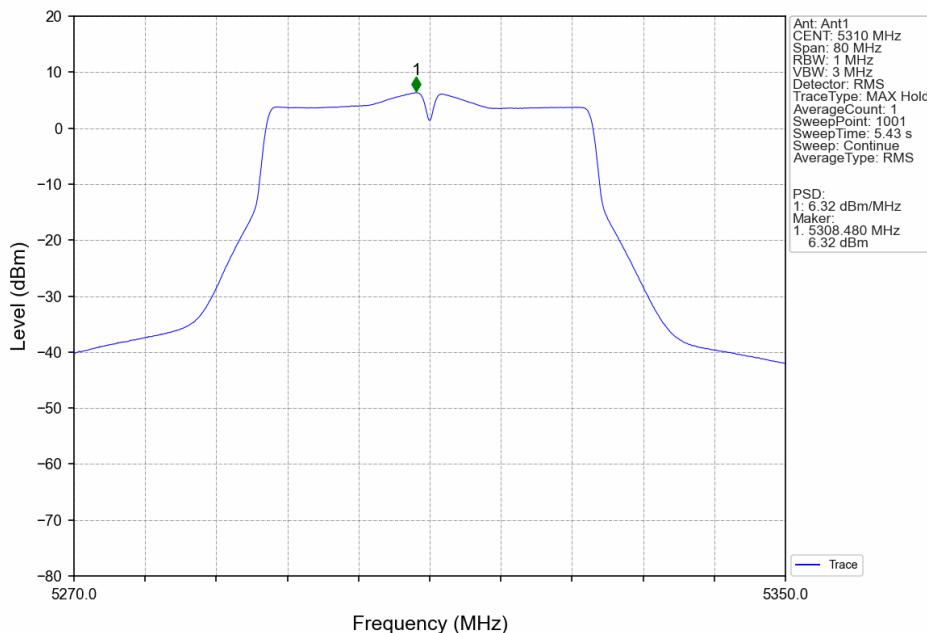
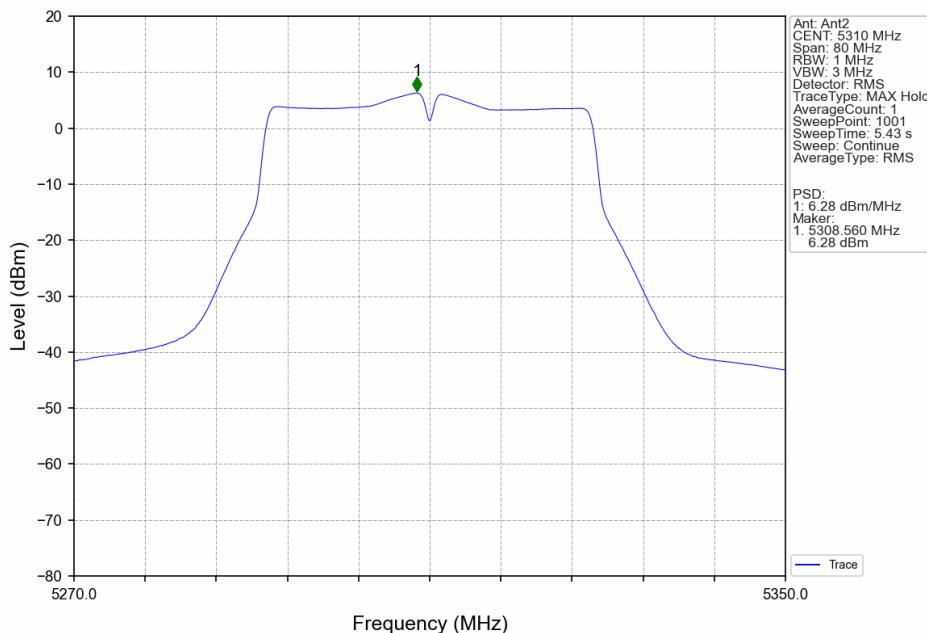
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802.11n(HT40)_LCH_5270MHz_Ant2_NTNV**802.11n(HT40)_LCH_5270MHz_MIMO_NTNV**

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802.11n(HT40)_HCH_5310MHz_Ant1_NTNV**802.11n(HT40)_HCH_5310MHz_Ant2_NTNV**

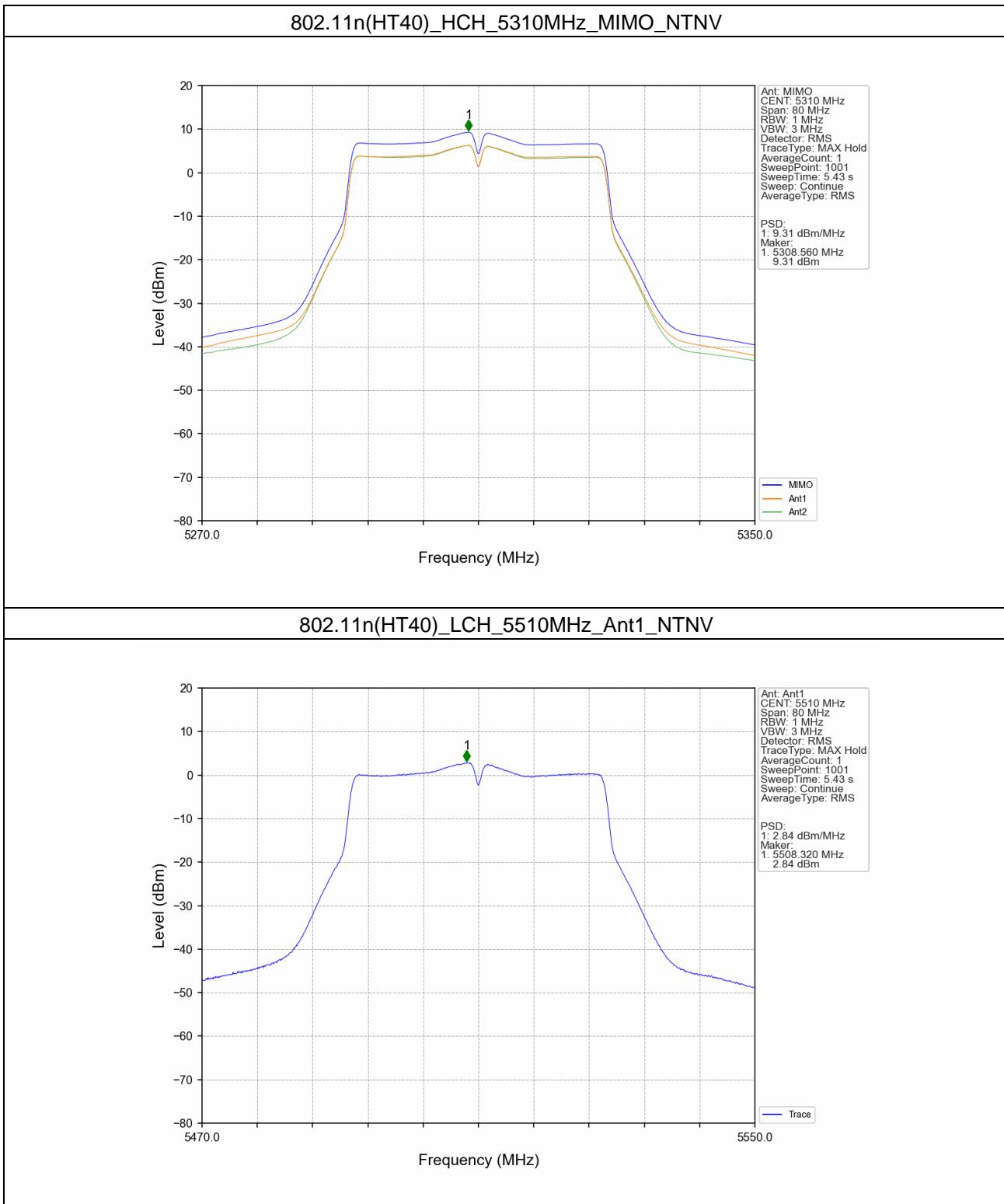
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SGS-CSTC) Laboratory.

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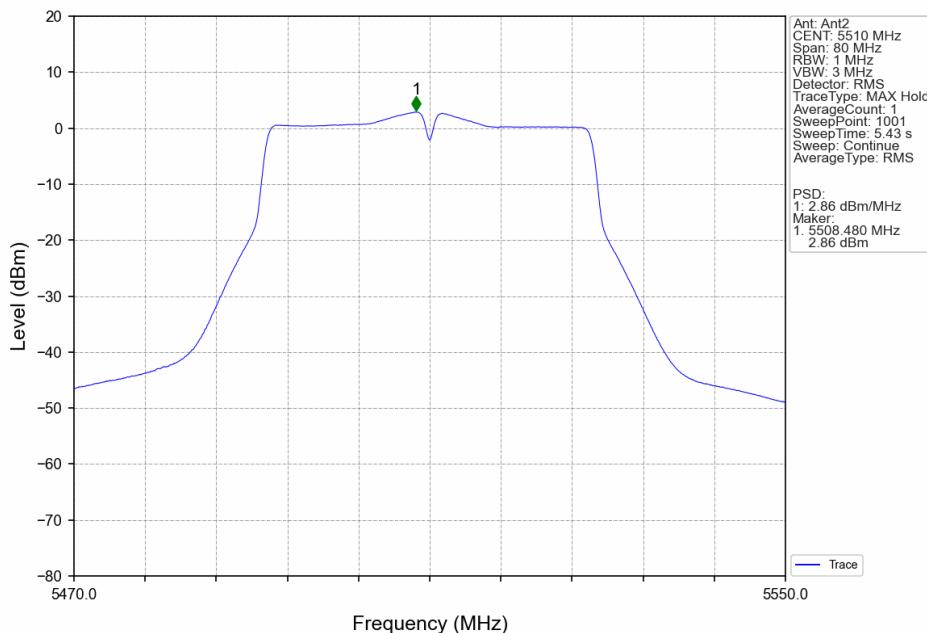
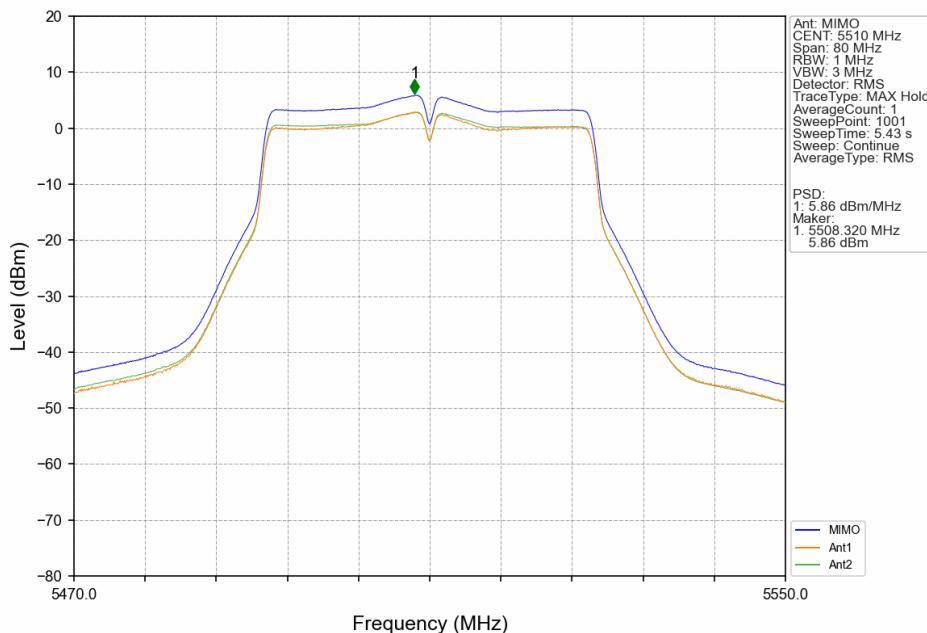
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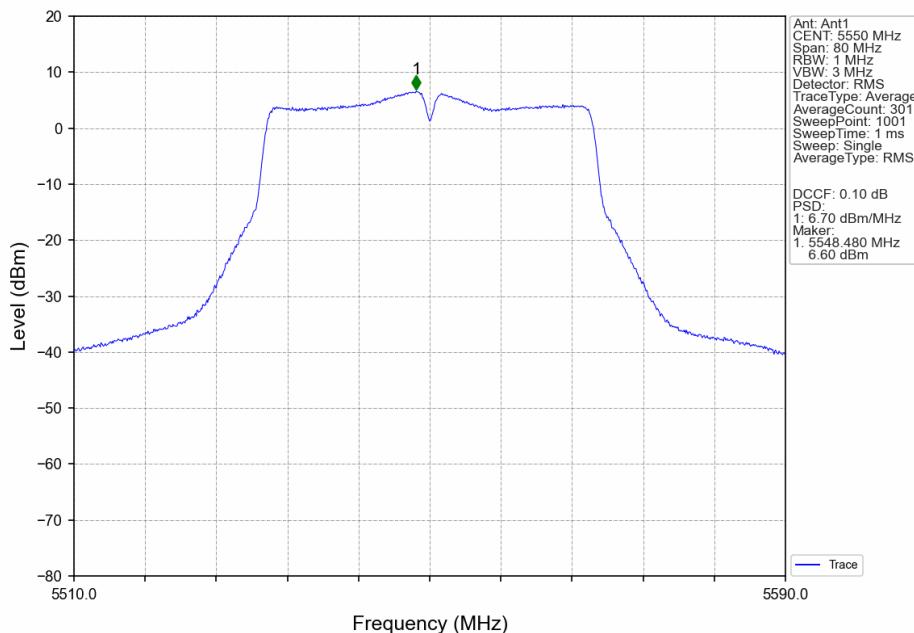
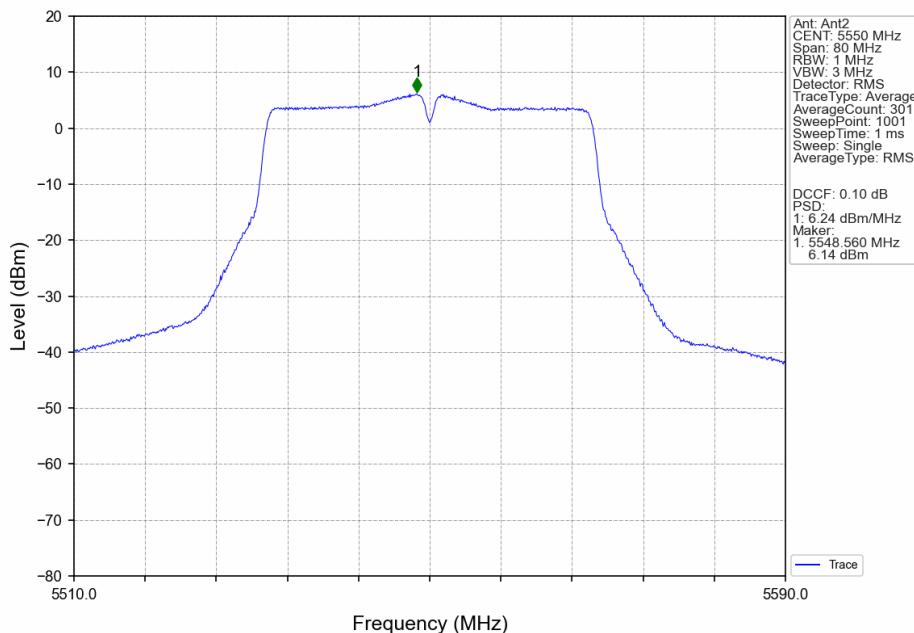
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802.11n(HT40)_LCH_5510MHz_Ant2_NTNV**802.11n(HT40)_LCH_5510MHz_MIMO_NTNV**

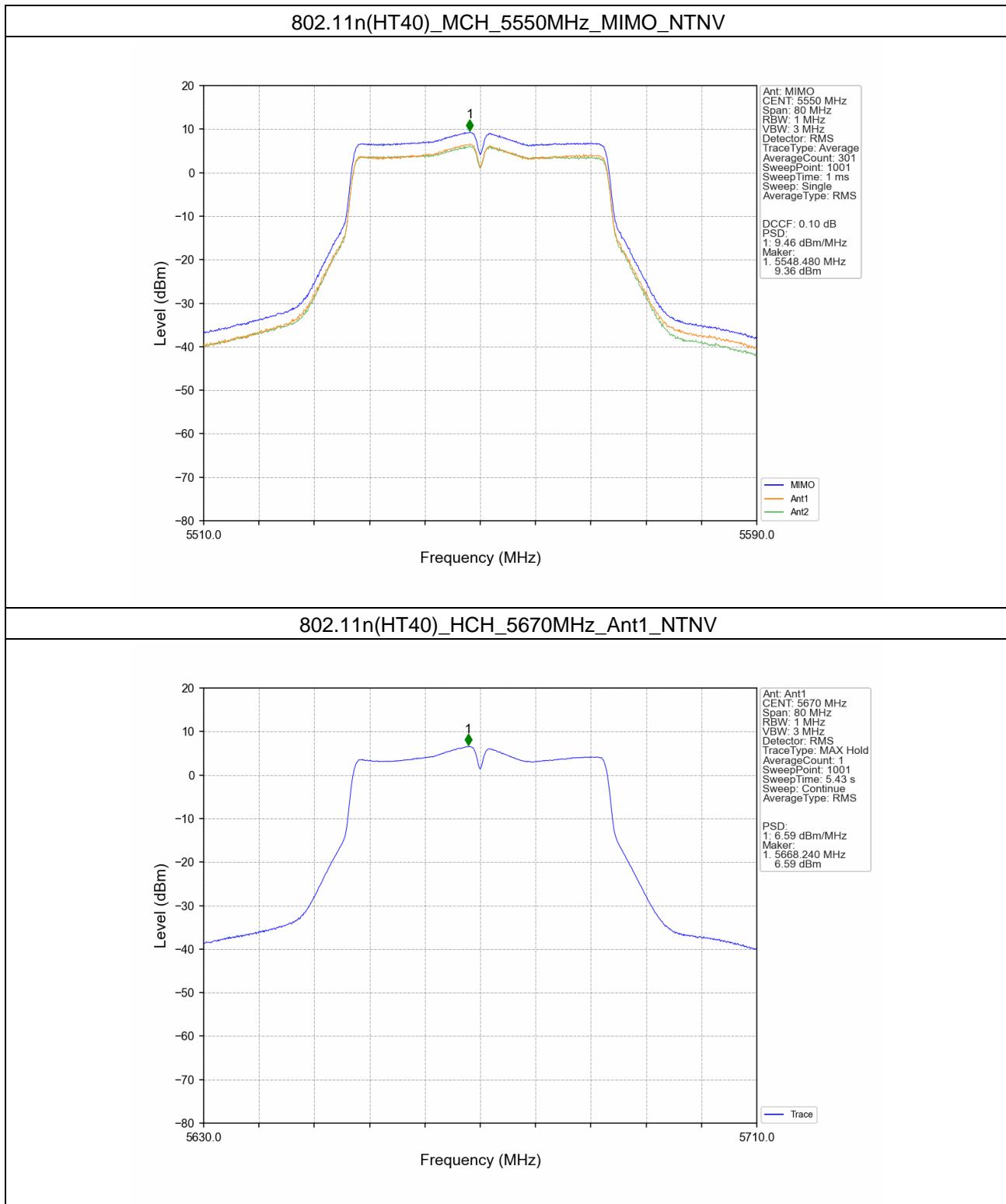
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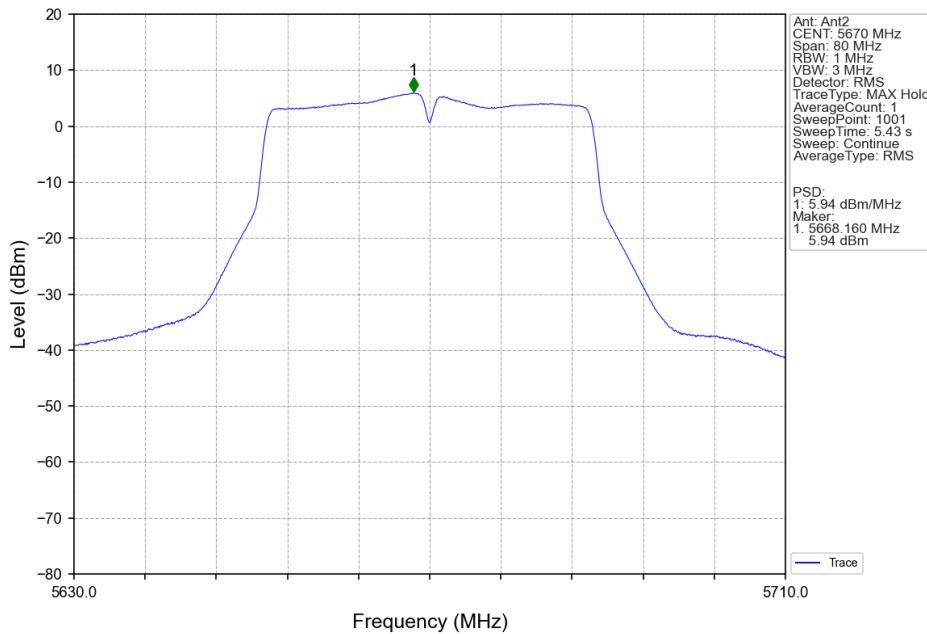
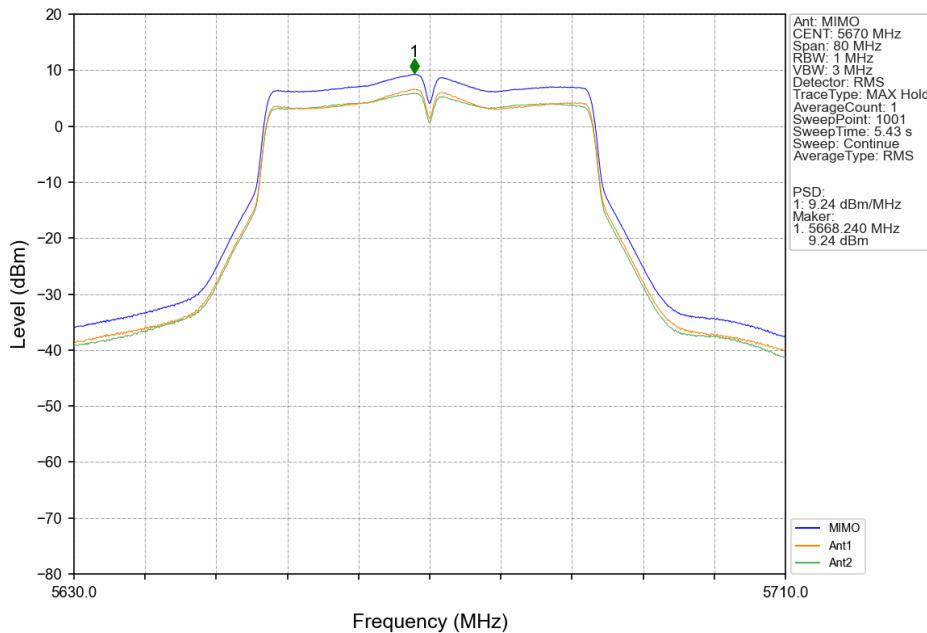
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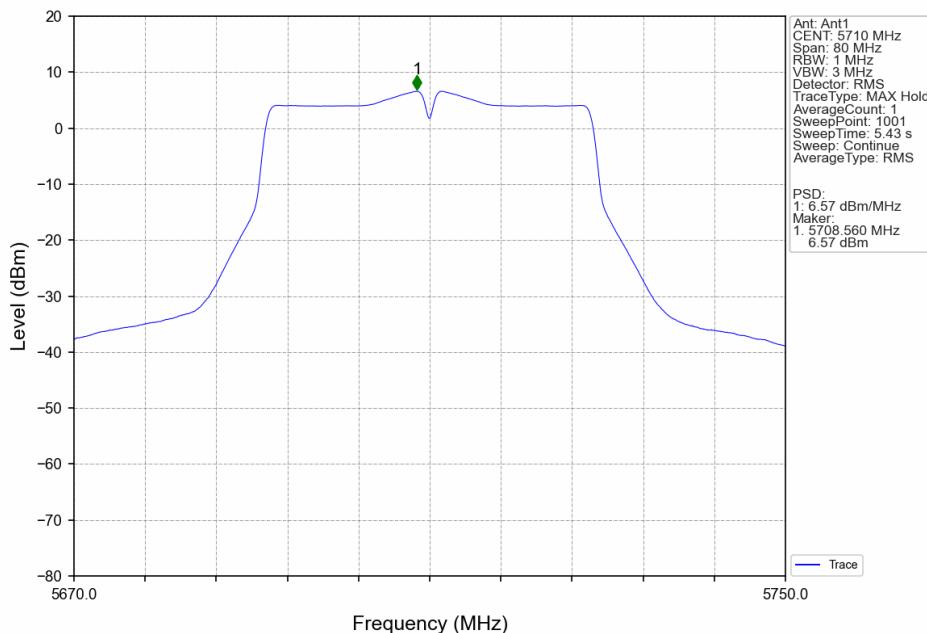
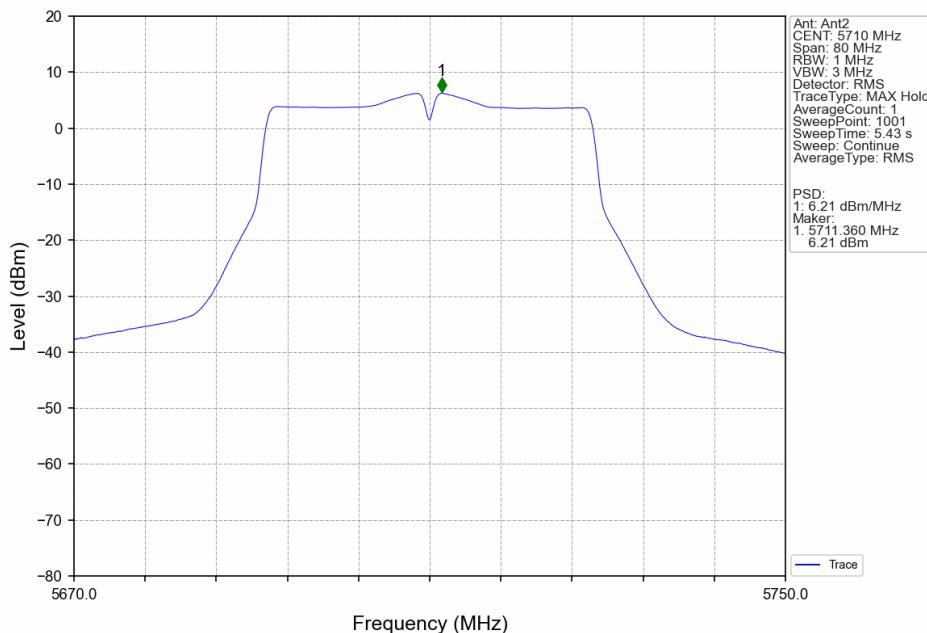
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