

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n30 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Edge 1RB Left	22.17	/	/	22.07	/	/	<=23.98	Pass
		Edge 1RB Right	22.24	/	/	22.14	/	/	<=23.98	Pass
		Outer Full	22.32	/	/	22.22	/	/	<=23.98	Pass
		Inner Full	22.85	/	/	22.75	/	/	<=23.98	Pass
		Inner 1RB Left	22.71	/	/	22.61	/	/	<=23.98	Pass
		Inner 1RB Right	22.71	/	/	22.61	/	/	<=23.98	Pass
	2310	Edge 1RB Left	22.33	/	/	22.23	/	/	<=23.98	Pass
		Edge 1RB Right	22.30	/	/	22.20	/	/	<=23.98	Pass
		Outer Full	22.40	/	/	22.30	/	/	<=23.98	Pass
		Inner Full	22.92	/	/	22.82	/	/	<=23.98	Pass
		Inner 1RB Left	22.85	/	/	22.75	/	/	<=23.98	Pass
		Inner 1RB Right	22.76	/	/	22.66	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	22.31	/	/	22.21	/	/	<=23.98	Pass
		Edge 1RB Right	22.22	/	/	22.12	/	/	<=23.98	Pass
		Outer Full	22.37	/	/	22.27	/	/	<=23.98	Pass
		Inner Full	22.86	/	/	22.76	/	/	<=23.98	Pass
		Inner 1RB Left	22.80	/	/	22.70	/	/	<=23.98	Pass
		Inner 1RB Right	22.72	/	/	22.62	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2307.5	Edge 1RB Left	21.98	/	/	21.88	/	/	<=23.98	Pass
		Edge 1RB Right	21.83	/	/	21.73	/	/	<=23.98	Pass
		Outer Full	21.82	/	/	21.72	/	/	<=23.98	Pass
		Inner Full	22.92	/	/	22.82	/	/	<=23.98	Pass
		Inner 1RB Left	22.96	/	/	22.86	/	/	<=23.98	Pass
		Inner 1RB Right	22.79	/	/	22.69	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.87	/	/	21.77	/	/	<=23.98	Pass
		Edge 1RB Right	21.80	/	/	21.70	/	/	<=23.98	Pass
		Outer Full	21.88	/	/	21.78	/	/	<=23.98	Pass
		Inner Full	23.00	/	/	22.90	/	/	<=23.98	Pass
		Inner 1RB Left	22.88	/	/	22.78	/	/	<=23.98	Pass
		Inner 1RB Right	22.82	/	/	22.72	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	22.16	/	/	22.06	/	/	<=23.98	Pass
		Edge 1RB Right	21.82	/	/	21.72	/	/	<=23.98	Pass
		Outer Full	21.87	/	/	21.77	/	/	<=23.98	Pass
		Inner Full	22.94	/	/	22.84	/	/	<=23.98	Pass
		Inner 1RB Left	22.88	/	/	22.78	/	/	<=23.98	Pass
		Inner 1RB Right	22.72	/	/	22.62	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2307.5	Edge 1RB Left	21.11	/	/	21.01	/	/	<=23.98	Pass
		Edge 1RB Right	21.02	/	/	20.92	/	/	<=23.98	Pass
		Outer Full	20.94	/	/	20.84	/	/	<=23.98	Pass
		Inner Full	21.92	/	/	21.82	/	/	<=23.98	Pass
		Inner 1RB Left	22.06	/	/	21.96	/	/	<=23.98	Pass
		Inner 1RB Right	22.04	/	/	21.94	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.17	/	/	21.07	/	/	<=23.98	Pass
		Edge 1RB Right	21.17	/	/	21.07	/	/	<=23.98	Pass
		Outer Full	21.03	/	/	20.93	/	/	<=23.98	Pass
		Inner Full	21.93	/	/	21.83	/	/	<=23.98	Pass
		Inner 1RB Left	22.30	/	/	22.20	/	/	<=23.98	Pass
		Inner 1RB Right	22.22	/	/	22.12	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.37	/	/	21.27	/	/	<=23.98	Pass

		Edge 1RB Right	21.28	/	/	21.18	/	/	<=23.98	Pass
		Outer Full	21.03	/	/	20.93	/	/	<=23.98	Pass
		Inner Full	21.88	/	/	21.78	/	/	<=23.98	Pass
		Inner 1RB Left	22.30	/	/	22.20	/	/	<=23.98	Pass
		Inner 1RB Right	22.01	/	/	21.91	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2307.5	Edge 1RB Left	20.28	/	/	20.18	/	/	<=23.98	Pass
		Edge 1RB Right	20.34	/	/	20.24	/	/	<=23.98	Pass
		Outer Full	20.35	/	/	20.25	/	/	<=23.98	Pass
		Inner Full	20.41	/	/	20.31	/	/	<=23.98	Pass
		Inner 1RB Left	20.44	/	/	20.34	/	/	<=23.98	Pass
		Inner 1RB Right	20.48	/	/	20.38	/	/	<=23.98	Pass
	2310	Edge 1RB Left	20.46	/	/	20.36	/	/	<=23.98	Pass
		Edge 1RB Right	20.49	/	/	20.39	/	/	<=23.98	Pass
		Outer Full	20.45	/	/	20.35	/	/	<=23.98	Pass
		Inner Full	20.50	/	/	20.40	/	/	<=23.98	Pass
		Inner 1RB Left	20.68	/	/	20.58	/	/	<=23.98	Pass
		Inner 1RB Right	20.56	/	/	20.46	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	20.58	/	/	20.48	/	/	<=23.98	Pass
		Edge 1RB Right	20.55	/	/	20.45	/	/	<=23.98	Pass
		Outer Full	20.45	/	/	20.35	/	/	<=23.98	Pass
		Inner Full	20.49	/	/	20.39	/	/	<=23.98	Pass
		Inner 1RB Left	20.62	/	/	20.52	/	/	<=23.98	Pass
		Inner 1RB Right	20.59	/	/	20.49	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2307.5	Edge 1RB Left	18.17	/	/	18.07	/	/	<=23.98	Pass
		Edge 1RB Right	18.26	/	/	18.16	/	/	<=23.98	Pass
		Outer Full	18.32	/	/	18.22	/	/	<=23.98	Pass
		Inner Full	18.31	/	/	18.21	/	/	<=23.98	Pass
		Inner 1RB Left	18.25	/	/	18.15	/	/	<=23.98	Pass
		Inner 1RB Right	18.27	/	/	18.17	/	/	<=23.98	Pass
	2310	Edge 1RB Left	18.35	/	/	18.25	/	/	<=23.98	Pass
		Edge 1RB Right	18.43	/	/	18.33	/	/	<=23.98	Pass
		Outer Full	18.43	/	/	18.33	/	/	<=23.98	Pass
		Inner Full	18.43	/	/	18.33	/	/	<=23.98	Pass
		Inner 1RB Left	18.34	/	/	18.24	/	/	<=23.98	Pass
		Inner 1RB Right	18.34	/	/	18.24	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	18.38	/	/	18.28	/	/	<=23.98	Pass
		Edge 1RB Right	18.34	/	/	18.24	/	/	<=23.98	Pass
		Outer Full	18.44	/	/	18.34	/	/	<=23.98	Pass
		Inner Full	18.40	/	/	18.30	/	/	<=23.98	Pass
		Inner 1RB Left	18.34	/	/	18.24	/	/	<=23.98	Pass
		Inner 1RB Right	18.29	/	/	18.19	/	/	<=23.98	Pass
CP-OFDM QPSK	2307.5	Edge 1RB Left	20.06	/	/	19.96	/	/	<=23.98	Pass
		Edge 1RB Right	20.08	/	/	19.98	/	/	<=23.98	Pass
		Outer Full	19.94	/	/	19.84	/	/	<=23.98	Pass
		Inner Full	21.47	/	/	21.37	/	/	<=23.98	Pass
		Inner 1RB Left	21.64	/	/	21.54	/	/	<=23.98	Pass
		Inner 1RB Right	21.68	/	/	21.58	/	/	<=23.98	Pass
	2310	Edge 1RB Left	20.21	/	/	20.11	/	/	<=23.98	Pass
		Edge 1RB Right	20.19	/	/	20.09	/	/	<=23.98	Pass
		Outer Full	19.94	/	/	19.84	/	/	<=23.98	Pass
		Inner Full	21.49	/	/	21.39	/	/	<=23.98	Pass
		Inner 1RB Left	21.77	/	/	21.67	/	/	<=23.98	Pass
		Inner 1RB Right	21.78	/	/	21.68	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	20.21	/	/	20.11	/	/	<=23.98	Pass
		Edge 1RB Right	20.15	/	/	20.05	/	/	<=23.98	Pass
		Outer Full	19.95	/	/	19.85	/	/	<=23.98	Pass
		Inner Full	21.56	/	/	21.46	/	/	<=23.98	Pass
		Inner 1RB Left	21.82	/	/	21.72	/	/	<=23.98	Pass
		Inner 1RB Right	21.87	/	/	21.77	/	/	<=23.98	Pass

CP-OFDM 16 QAM	2307.5	Edge_1RB_Left	20.03	/	/	19.93	/	/	<=23.98	Pass
		Edge_1RB_Right	20.06	/	/	19.96	/	/	<=23.98	Pass
		Outer_Full	19.87	/	/	19.77	/	/	<=23.98	Pass
		Inner_Full	20.74	/	/	20.64	/	/	<=23.98	Pass
		Inner_1RB_Left	21.12	/	/	21.02	/	/	<=23.98	Pass
		Inner_1RB_Right	21.12	/	/	21.02	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	20.13	/	/	20.03	/	/	<=23.98	Pass
		Edge_1RB_Right	20.09	/	/	19.99	/	/	<=23.98	Pass
		Outer_Full	19.92	/	/	19.82	/	/	<=23.98	Pass
		Inner_Full	20.79	/	/	20.69	/	/	<=23.98	Pass
		Inner_1RB_Left	21.29	/	/	21.19	/	/	<=23.98	Pass
		Inner_1RB_Right	21.04	/	/	20.94	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	20.36	/	/	20.26	/	/	<=23.98	Pass
		Edge_1RB_Right	20.16	/	/	20.06	/	/	<=23.98	Pass
		Outer_Full	19.98	/	/	19.88	/	/	<=23.98	Pass
		Inner_Full	20.87	/	/	20.77	/	/	<=23.98	Pass
		Inner_1RB_Left	21.23	/	/	21.13	/	/	<=23.98	Pass
		Inner_1RB_Right	21.24	/	/	21.14	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2307.5	Edge_1RB_Left	19.29	/	/	19.19	/	/	<=23.98	Pass
		Edge_1RB_Right	19.38	/	/	19.28	/	/	<=23.98	Pass
		Outer_Full	19.27	/	/	19.17	/	/	<=23.98	Pass
		Inner_Full	19.27	/	/	19.17	/	/	<=23.98	Pass
		Inner_1RB_Left	19.27	/	/	19.17	/	/	<=23.98	Pass
		Inner_1RB_Right	19.33	/	/	19.23	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	19.49	/	/	19.39	/	/	<=23.98	Pass
		Edge_1RB_Right	19.36	/	/	19.26	/	/	<=23.98	Pass
		Outer_Full	19.29	/	/	19.19	/	/	<=23.98	Pass
		Inner_Full	19.34	/	/	19.24	/	/	<=23.98	Pass
		Inner_1RB_Left	19.53	/	/	19.43	/	/	<=23.98	Pass
		Inner_1RB_Right	19.55	/	/	19.45	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	19.47	/	/	19.37	/	/	<=23.98	Pass
		Edge_1RB_Right	19.41	/	/	19.31	/	/	<=23.98	Pass
		Outer_Full	19.39	/	/	19.29	/	/	<=23.98	Pass
		Inner_Full	19.39	/	/	19.29	/	/	<=23.98	Pass
		Inner_1RB_Left	19.30	/	/	19.20	/	/	<=23.98	Pass
		Inner_1RB_Right	19.24	/	/	19.14	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2307.5	Edge_1RB_Left	16.33	/	/	16.23	/	/	<=23.98	Pass
		Edge_1RB_Right	16.29	/	/	16.19	/	/	<=23.98	Pass
		Outer_Full	16.35	/	/	16.25	/	/	<=23.98	Pass
		Inner_Full	16.27	/	/	16.17	/	/	<=23.98	Pass
		Inner_1RB_Left	16.27	/	/	16.17	/	/	<=23.98	Pass
		Inner_1RB_Right	16.29	/	/	16.19	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	16.37	/	/	16.27	/	/	<=23.98	Pass
		Edge_1RB_Right	16.37	/	/	16.27	/	/	<=23.98	Pass
		Outer_Full	16.35	/	/	16.25	/	/	<=23.98	Pass
		Inner_Full	16.33	/	/	16.23	/	/	<=23.98	Pass
		Inner_1RB_Left	16.40	/	/	16.30	/	/	<=23.98	Pass
		Inner_1RB_Right	16.34	/	/	16.24	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	16.48	/	/	16.38	/	/	<=23.98	Pass
		Edge_1RB_Right	16.40	/	/	16.30	/	/	<=23.98	Pass
		Outer_Full	16.42	/	/	16.32	/	/	<=23.98	Pass
		Inner_Full	16.35	/	/	16.25	/	/	<=23.98	Pass
		Inner_1RB_Left	16.43	/	/	16.33	/	/	<=23.98	Pass
		Inner_1RB_Right	16.36	/	/	16.26	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -0.10dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_5MHz_NTNV_EIRP(dBm/5MHz)

5G NR n30 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/5MHz)			EIRP(dBm/5MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Edge 1RB Left	21.77	/	/	21.67	/	/	<=23.98	Pass
		Edge 1RB Right	21.82	/	/	21.72	/	/	<=23.98	Pass
		Outer Full	21.96	/	/	21.86	/	/	<=23.98	Pass
		Inner Full	22.55	/	/	22.45	/	/	<=23.98	Pass
		Inner 1RB Left	22.28	/	/	22.18	/	/	<=23.98	Pass
		Inner 1RB Right	22.36	/	/	22.26	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.82	/	/	21.72	/	/	<=23.98	Pass
		Edge 1RB Right	21.76	/	/	21.66	/	/	<=23.98	Pass
		Outer Full	21.92	/	/	21.82	/	/	<=23.98	Pass
		Inner Full	22.39	/	/	22.29	/	/	<=23.98	Pass
		Inner 1RB Left	22.35	/	/	22.25	/	/	<=23.98	Pass
		Inner 1RB Right	22.13	/	/	22.03	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.89	/	/	21.79	/	/	<=23.98	Pass
		Edge 1RB Right	21.73	/	/	21.63	/	/	<=23.98	Pass
		Outer Full	21.83	/	/	21.73	/	/	<=23.98	Pass
		Inner Full	22.33	/	/	22.23	/	/	<=23.98	Pass
		Inner 1RB Left	22.26	/	/	22.16	/	/	<=23.98	Pass
		Inner 1RB Right	22.26	/	/	22.16	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2307.5	Edge 1RB Left	21.35	/	/	21.25	/	/	<=23.98	Pass
		Edge 1RB Right	21.31	/	/	21.21	/	/	<=23.98	Pass
		Outer Full	21.45	/	/	21.35	/	/	<=23.98	Pass
		Inner Full	22.56	/	/	22.46	/	/	<=23.98	Pass
		Inner 1RB Left	22.43	/	/	22.33	/	/	<=23.98	Pass
		Inner 1RB Right	22.44	/	/	22.34	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.35	/	/	21.25	/	/	<=23.98	Pass
		Edge 1RB Right	21.19	/	/	21.09	/	/	<=23.98	Pass
		Outer Full	21.34	/	/	21.24	/	/	<=23.98	Pass
		Inner Full	22.42	/	/	22.32	/	/	<=23.98	Pass
		Inner 1RB Left	22.42	/	/	22.32	/	/	<=23.98	Pass
		Inner 1RB Right	22.28	/	/	22.18	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.34	/	/	21.24	/	/	<=23.98	Pass
		Edge 1RB Right	21.41	/	/	21.31	/	/	<=23.98	Pass
		Outer Full	21.34	/	/	21.24	/	/	<=23.98	Pass
		Inner Full	22.40	/	/	22.30	/	/	<=23.98	Pass
		Inner 1RB Left	22.29	/	/	22.19	/	/	<=23.98	Pass
		Inner 1RB Right	22.23	/	/	22.13	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2307.5	Edge 1RB Left	20.82	/	/	20.72	/	/	<=23.98	Pass
		Edge 1RB Right	20.78	/	/	20.68	/	/	<=23.98	Pass
		Outer Full	20.58	/	/	20.48	/	/	<=23.98	Pass
		Inner Full	21.55	/	/	21.45	/	/	<=23.98	Pass
		Inner 1RB Left	21.86	/	/	21.76	/	/	<=23.98	Pass
		Inner 1RB Right	21.84	/	/	21.74	/	/	<=23.98	Pass
	2310	Edge 1RB Left	20.76	/	/	20.66	/	/	<=23.98	Pass
		Edge 1RB Right	20.62	/	/	20.52	/	/	<=23.98	Pass
		Outer Full	20.53	/	/	20.43	/	/	<=23.98	Pass
		Inner Full	21.33	/	/	21.23	/	/	<=23.98	Pass
		Inner 1RB Left	21.69	/	/	21.59	/	/	<=23.98	Pass
		Inner 1RB Right	21.55	/	/	21.45	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	20.94	/	/	20.84	/	/	<=23.98	Pass
		Edge 1RB Right	20.85	/	/	20.75	/	/	<=23.98	Pass
		Outer Full	20.51	/	/	20.41	/	/	<=23.98	Pass
		Inner Full	21.25	/	/	21.15	/	/	<=23.98	Pass
		Inner 1RB Left	21.68	/	/	21.58	/	/	<=23.98	Pass
		Inner 1RB Right	21.58	/	/	21.48	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2307.5	Edge 1RB Left	19.84	/	/	19.74	/	/	<=23.98	Pass

		Edge_1RB_Right	20.16	/	/	20.06	/	/	<=23.98	Pass
		Outer_Full	19.99	/	/	19.89	/	/	<=23.98	Pass
		Inner_Full	20.11	/	/	20.01	/	/	<=23.98	Pass
		Inner_1RB_Left	20.03	/	/	19.93	/	/	<=23.98	Pass
		Inner_1RB_Right	20.08	/	/	19.98	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	20.09	/	/	19.99	/	/	<=23.98	Pass
		Edge_1RB_Right	20.15	/	/	20.05	/	/	<=23.98	Pass
		Outer_Full	19.87	/	/	19.77	/	/	<=23.98	Pass
		Inner_Full	20.01	/	/	19.91	/	/	<=23.98	Pass
		Inner_1RB_Left	20.13	/	/	20.03	/	/	<=23.98	Pass
	2312.5	Inner_1RB_Right	19.95	/	/	19.85	/	/	<=23.98	Pass
		Edge_1RB_Left	20.07	/	/	19.97	/	/	<=23.98	Pass
		Edge_1RB_Right	20.20	/	/	20.10	/	/	<=23.98	Pass
		Outer_Full	19.95	/	/	19.85	/	/	<=23.98	Pass
		Inner_Full	20.03	/	/	19.93	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2307.5	Inner_1RB_Left	20.15	/	/	20.05	/	/	<=23.98	Pass
		Inner_1RB_Right	20.09	/	/	19.99	/	/	<=23.98	Pass
		Edge_1RB_Left	17.86	/	/	17.76	/	/	<=23.98	Pass
		Edge_1RB_Right	17.80	/	/	17.70	/	/	<=23.98	Pass
		Outer_Full	17.94	/	/	17.84	/	/	<=23.98	Pass
	2310	Inner_Full	18.01	/	/	17.91	/	/	<=23.98	Pass
		Inner_1RB_Left	17.82	/	/	17.72	/	/	<=23.98	Pass
		Inner_1RB_Right	17.82	/	/	17.72	/	/	<=23.98	Pass
		Edge_1RB_Left	17.84	/	/	17.74	/	/	<=23.98	Pass
		Edge_1RB_Right	17.87	/	/	17.77	/	/	<=23.98	Pass
	2312.5	Outer_Full	17.88	/	/	17.78	/	/	<=23.98	Pass
		Inner_Full	17.94	/	/	17.84	/	/	<=23.98	Pass
		Inner_1RB_Left	17.77	/	/	17.67	/	/	<=23.98	Pass
		Inner_1RB_Right	17.62	/	/	17.52	/	/	<=23.98	Pass
		Edge_1RB_Left	17.86	/	/	17.76	/	/	<=23.98	Pass
CP-OFDM QPSK	2307.5	Edge_1RB_Right	17.84	/	/	17.74	/	/	<=23.98	Pass
		Outer_Full	17.91	/	/	17.81	/	/	<=23.98	Pass
		Inner_Full	17.93	/	/	17.83	/	/	<=23.98	Pass
		Inner_1RB_Left	17.88	/	/	17.78	/	/	<=23.98	Pass
		Inner_1RB_Right	17.85	/	/	17.75	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	19.71	/	/	19.61	/	/	<=23.98	Pass
		Edge_1RB_Right	19.71	/	/	19.61	/	/	<=23.98	Pass
		Outer_Full	19.48	/	/	19.38	/	/	<=23.98	Pass
		Inner_Full	21.06	/	/	20.96	/	/	<=23.98	Pass
		Inner_1RB_Left	21.23	/	/	21.13	/	/	<=23.98	Pass
	2312.5	Inner_1RB_Right	21.34	/	/	21.24	/	/	<=23.98	Pass
		Edge_1RB_Left	19.70	/	/	19.60	/	/	<=23.98	Pass
		Edge_1RB_Right	19.44	/	/	19.34	/	/	<=23.98	Pass
		Outer_Full	19.41	/	/	19.31	/	/	<=23.98	Pass
		Inner_Full	20.99	/	/	20.89	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2307.5	Inner_1RB_Left	21.12	/	/	21.02	/	/	<=23.98	Pass
		Inner_1RB_Right	21.33	/	/	21.23	/	/	<=23.98	Pass
		Edge_1RB_Left	19.64	/	/	19.54	/	/	<=23.98	Pass
		Edge_1RB_Right	19.60	/	/	19.50	/	/	<=23.98	Pass
		Outer_Full	19.44	/	/	19.34	/	/	<=23.98	Pass
	2310	Inner_Full	21.01	/	/	20.91	/	/	<=23.98	Pass
		Inner_1RB_Left	21.35	/	/	21.25	/	/	<=23.98	Pass
		Inner_1RB_Right	21.19	/	/	21.09	/	/	<=23.98	Pass
		Edge_1RB_Left	19.81	/	/	19.71	/	/	<=23.98	Pass
		Edge_1RB_Right	19.70	/	/	19.60	/	/	<=23.98	Pass
	2312.5	Outer_Full	19.49	/	/	19.39	/	/	<=23.98	Pass
		Inner_Full	20.39	/	/	20.29	/	/	<=23.98	Pass
		Inner_1RB_Left	20.93	/	/	20.83	/	/	<=23.98	Pass
		Inner_1RB_Right	20.81	/	/	20.71	/	/	<=23.98	Pass
		Edge_1RB_Left	20.81	/	/	20.71	/	/	<=23.98	Pass

	2310	Edge_1RB_Left	19.70	/	/	19.60	/	/	<=23.98	Pass
		Edge_1RB_Right	19.96	/	/	19.86	/	/	<=23.98	Pass
		Outer_Full	19.45	/	/	19.35	/	/	<=23.98	Pass
		Inner_Full	20.39	/	/	20.29	/	/	<=23.98	Pass
		Inner_1RB_Left	20.74	/	/	20.64	/	/	<=23.98	Pass
		Inner_1RB_Right	20.73	/	/	20.63	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	19.76	/	/	19.66	/	/	<=23.98	Pass
		Edge_1RB_Right	19.73	/	/	19.63	/	/	<=23.98	Pass
		Outer_Full	19.40	/	/	19.30	/	/	<=23.98	Pass
		Inner_Full	20.36	/	/	20.26	/	/	<=23.98	Pass
		Inner_1RB_Left	20.85	/	/	20.75	/	/	<=23.98	Pass
		Inner_1RB_Right	20.72	/	/	20.62	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2307.5	Edge_1RB_Left	18.80	/	/	18.70	/	/	<=23.98	Pass
		Edge_1RB_Right	19.16	/	/	19.06	/	/	<=23.98	Pass
		Outer_Full	18.93	/	/	18.83	/	/	<=23.98	Pass
		Inner_Full	18.85	/	/	18.75	/	/	<=23.98	Pass
		Inner_1RB_Left	19.19	/	/	19.09	/	/	<=23.98	Pass
		Inner_1RB_Right	19.09	/	/	18.99	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	19.07	/	/	18.97	/	/	<=23.98	Pass
		Edge_1RB_Right	19.08	/	/	18.98	/	/	<=23.98	Pass
		Outer_Full	18.82	/	/	18.72	/	/	<=23.98	Pass
		Inner_Full	18.83	/	/	18.73	/	/	<=23.98	Pass
		Inner_1RB_Left	18.73	/	/	18.63	/	/	<=23.98	Pass
		Inner_1RB_Right	18.80	/	/	18.70	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	18.98	/	/	18.88	/	/	<=23.98	Pass
		Edge_1RB_Right	18.64	/	/	18.54	/	/	<=23.98	Pass
		Outer_Full	18.86	/	/	18.76	/	/	<=23.98	Pass
		Inner_Full	18.83	/	/	18.73	/	/	<=23.98	Pass
		Inner_1RB_Left	19.05	/	/	18.95	/	/	<=23.98	Pass
		Inner_1RB_Right	18.90	/	/	18.80	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2307.5	Edge_1RB_Left	15.87	/	/	15.77	/	/	<=23.98	Pass
		Edge_1RB_Right	16.07	/	/	15.97	/	/	<=23.98	Pass
		Outer_Full	15.93	/	/	15.83	/	/	<=23.98	Pass
		Inner_Full	15.91	/	/	15.81	/	/	<=23.98	Pass
		Inner_1RB_Left	15.66	/	/	15.56	/	/	<=23.98	Pass
		Inner_1RB_Right	15.99	/	/	15.89	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	15.76	/	/	15.66	/	/	<=23.98	Pass
		Edge_1RB_Right	15.56	/	/	15.46	/	/	<=23.98	Pass
		Outer_Full	15.85	/	/	15.75	/	/	<=23.98	Pass
		Inner_Full	15.85	/	/	15.75	/	/	<=23.98	Pass
		Inner_1RB_Left	16.04	/	/	15.94	/	/	<=23.98	Pass
		Inner_1RB_Right	15.87	/	/	15.77	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	15.98	/	/	15.88	/	/	<=23.98	Pass
		Edge_1RB_Right	15.94	/	/	15.84	/	/	<=23.98	Pass
		Outer_Full	15.85	/	/	15.75	/	/	<=23.98	Pass
		Inner_Full	15.81	/	/	15.71	/	/	<=23.98	Pass
		Inner_1RB_Left	15.92	/	/	15.82	/	/	<=23.98	Pass
		Inner_1RB_Right	15.86	/	/	15.76	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_10MHz_NTNV_EIRP

5G NR n30 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Edge_1RB_Left	22.28	/	/	22.18	/	/	<=23.98	Pass
		Edge_1RB_Right	22.24	/	/	22.14	/	/	<=23.98	Pass

		Outer_Full	22.33	/	/	22.23	/	/	<=23.98	Pass		
		Inner_Full	22.91	/	/	22.81	/	/	<=23.98	Pass		
		Inner_1RB_Left	22.82	/	/	22.72	/	/	<=23.98	Pass		
		Inner_1RB_Right	22.68	/	/	22.58	/	/	<=23.98	Pass		
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	22.10	/	/	22.00	/	/	<=23.98	Pass		
		Edge_1RB_Right	22.02	/	/	21.92	/	/	<=23.98	Pass		
		Outer_Full	21.86	/	/	21.76	/	/	<=23.98	Pass		
		Inner_Full	22.90	/	/	22.80	/	/	<=23.98	Pass		
		Inner_1RB_Left	23.13	/	/	23.03	/	/	<=23.98	Pass		
		Inner_1RB_Right	23.04	/	/	22.94	/	/	<=23.98	Pass		
		DFT-s-OFDM 16 QAM	2310	Edge_1RB_Left	21.07	/	/	20.97	/	/	<=23.98	Pass
				Edge_1RB_Right	21.10	/	/	21.00	/	/	<=23.98	Pass
Outer_Full	20.93			/	/	20.83	/	/	<=23.98	Pass		
Inner_Full	21.97			/	/	21.87	/	/	<=23.98	Pass		
		Inner_1RB_Left	22.10	/	/	22.00	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.96	/	/	21.86	/	/	<=23.98	Pass		
		DFT-s-OFDM 64 QAM	2310	Edge_1RB_Left	20.48	/	/	20.38	/	/	<=23.98	Pass
				Edge_1RB_Right	20.40	/	/	20.30	/	/	<=23.98	Pass
Outer_Full	20.46			/	/	20.36	/	/	<=23.98	Pass		
Inner_Full	20.35			/	/	20.25	/	/	<=23.98	Pass		
		Inner_1RB_Left	20.54	/	/	20.44	/	/	<=23.98	Pass		
		Inner_1RB_Right	20.35	/	/	20.25	/	/	<=23.98	Pass		
		DFT-s-OFDM 256 QAM	2310	Edge_1RB_Left	18.30	/	/	18.20	/	/	<=23.98	Pass
				Edge_1RB_Right	18.35	/	/	18.25	/	/	<=23.98	Pass
Outer_Full	18.37			/	/	18.27	/	/	<=23.98	Pass		
Inner_Full	18.45			/	/	18.35	/	/	<=23.98	Pass		
		Inner_1RB_Left	18.26	/	/	18.16	/	/	<=23.98	Pass		
		Inner_1RB_Right	18.25	/	/	18.15	/	/	<=23.98	Pass		
		CP-OFDM QPSK	2310	Edge_1RB_Left	20.09	/	/	19.99	/	/	<=23.98	Pass
				Edge_1RB_Right	20.16	/	/	20.06	/	/	<=23.98	Pass
Outer_Full	19.88			/	/	19.78	/	/	<=23.98	Pass		
Inner_Full	21.41			/	/	21.31	/	/	<=23.98	Pass		
		Inner_1RB_Left	21.79	/	/	21.69	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.78	/	/	21.68	/	/	<=23.98	Pass		
		CP-OFDM 16 QAM	2310	Edge_1RB_Left	20.11	/	/	20.01	/	/	<=23.98	Pass
				Edge_1RB_Right	20.10	/	/	20.00	/	/	<=23.98	Pass
Outer_Full	19.90			/	/	19.80	/	/	<=23.98	Pass		
Inner_Full	20.90			/	/	20.80	/	/	<=23.98	Pass		
		Inner_1RB_Left	21.20	/	/	21.10	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.21	/	/	21.11	/	/	<=23.98	Pass		
		CP-OFDM 64 QAM	2310	Edge_1RB_Left	19.36	/	/	19.26	/	/	<=23.98	Pass
				Edge_1RB_Right	19.56	/	/	19.46	/	/	<=23.98	Pass
Outer_Full	19.41			/	/	19.31	/	/	<=23.98	Pass		
Inner_Full	19.40			/	/	19.30	/	/	<=23.98	Pass		
		Inner_1RB_Left	19.52	/	/	19.42	/	/	<=23.98	Pass		
		Inner_1RB_Right	19.52	/	/	19.42	/	/	<=23.98	Pass		
		CP-OFDM 256 QAM	2310	Edge_1RB_Left	16.38	/	/	16.28	/	/	<=23.98	Pass
				Edge_1RB_Right	16.39	/	/	16.29	/	/	<=23.98	Pass
Outer_Full	16.35			/	/	16.25	/	/	<=23.98	Pass		
Inner_Full	16.35			/	/	16.25	/	/	<=23.98	Pass		
		Inner_1RB_Left	16.36	/	/	16.26	/	/	<=23.98	Pass		
		Inner_1RB_Right	16.33	/	/	16.23	/	/	<=23.98	Pass		
		Note1: Antenna Gain: Ant1: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_10MHz_NTNV_EIRP(dBm/5MHz)

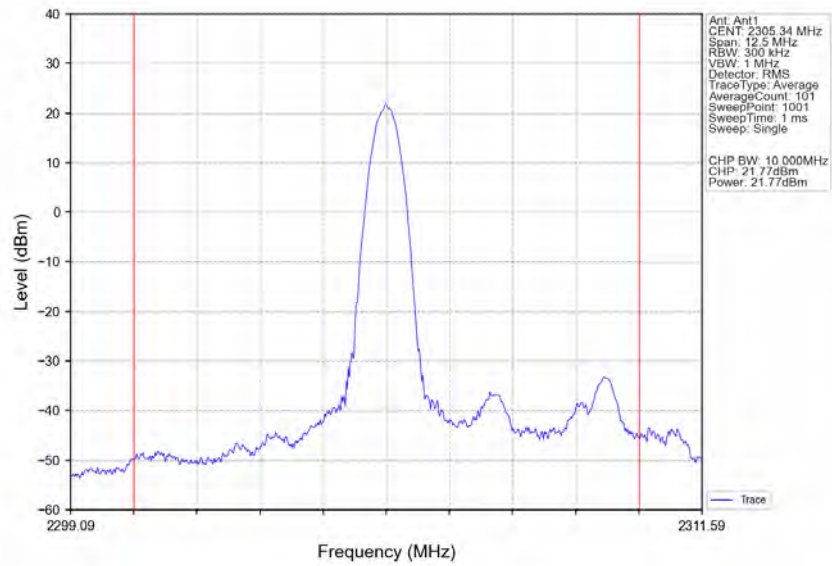
5G NR n30 SCS=15kHz SISO 10MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/5MHz)			EIRP(dBm/5MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Edge_1RB_Left	21.85	/	/	21.75	/	/	<=23.98	Pass
		Edge_1RB_Right	21.84	/	/	21.74	/	/	<=23.98	Pass
		Outer_Full	21.94	/	/	21.84	/	/	<=23.98	Pass
		Inner_Full	22.68	/	/	22.58	/	/	<=23.98	Pass
		Inner_1RB_Left	22.50	/	/	22.40	/	/	<=23.98	Pass
		Inner_1RB_Right	22.23	/	/	22.13	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	21.64	/	/	21.54	/	/	<=23.98	Pass
		Edge_1RB_Right	21.60	/	/	21.50	/	/	<=23.98	Pass
		Outer_Full	21.30	/	/	21.20	/	/	<=23.98	Pass
		Inner_Full	22.27	/	/	22.17	/	/	<=23.98	Pass
		Inner_1RB_Left	22.75	/	/	22.65	/	/	<=23.98	Pass
		Inner_1RB_Right	22.13	/	/	22.03	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2310	Edge_1RB_Left	20.77	/	/	20.67	/	/	<=23.98	Pass
		Edge_1RB_Right	20.82	/	/	20.72	/	/	<=23.98	Pass
		Outer_Full	20.48	/	/	20.38	/	/	<=23.98	Pass
		Inner_Full	21.26	/	/	21.16	/	/	<=23.98	Pass
		Inner_1RB_Left	21.72	/	/	21.62	/	/	<=23.98	Pass
		Inner_1RB_Right	21.54	/	/	21.44	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2310	Edge_1RB_Left	19.94	/	/	19.84	/	/	<=23.98	Pass
		Edge_1RB_Right	19.96	/	/	19.86	/	/	<=23.98	Pass
		Outer_Full	19.89	/	/	19.79	/	/	<=23.98	Pass
		Inner_Full	20.11	/	/	20.01	/	/	<=23.98	Pass
		Inner_1RB_Left	19.99	/	/	19.89	/	/	<=23.98	Pass
		Inner_1RB_Right	19.96	/	/	19.86	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2310	Edge_1RB_Left	17.89	/	/	17.79	/	/	<=23.98	Pass
		Edge_1RB_Right	17.81	/	/	17.71	/	/	<=23.98	Pass
		Outer_Full	17.91	/	/	17.81	/	/	<=23.98	Pass
		Inner_Full	17.77	/	/	17.67	/	/	<=23.98	Pass
		Inner_1RB_Left	17.87	/	/	17.77	/	/	<=23.98	Pass
		Inner_1RB_Right	17.83	/	/	17.73	/	/	<=23.98	Pass
CP-OFDM QPSK	2310	Edge_1RB_Left	19.83	/	/	19.73	/	/	<=23.98	Pass
		Edge_1RB_Right	19.68	/	/	19.58	/	/	<=23.98	Pass
		Outer_Full	19.40	/	/	19.30	/	/	<=23.98	Pass
		Inner_Full	20.99	/	/	20.89	/	/	<=23.98	Pass
		Inner_1RB_Left	21.35	/	/	21.25	/	/	<=23.98	Pass
		Inner_1RB_Right	21.13	/	/	21.03	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2310	Edge_1RB_Left	19.82	/	/	19.72	/	/	<=23.98	Pass
		Edge_1RB_Right	19.90	/	/	19.80	/	/	<=23.98	Pass
		Outer_Full	19.36	/	/	19.26	/	/	<=23.98	Pass
		Inner_Full	20.41	/	/	20.31	/	/	<=23.98	Pass
		Inner_1RB_Left	20.79	/	/	20.69	/	/	<=23.98	Pass
		Inner_1RB_Right	20.75	/	/	20.65	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2310	Edge_1RB_Left	18.94	/	/	18.84	/	/	<=23.98	Pass
		Edge_1RB_Right	18.95	/	/	18.85	/	/	<=23.98	Pass
		Outer_Full	18.87	/	/	18.77	/	/	<=23.98	Pass
		Inner_Full	19.01	/	/	18.91	/	/	<=23.98	Pass
		Inner_1RB_Left	19.13	/	/	19.03	/	/	<=23.98	Pass
		Inner_1RB_Right	19.08	/	/	18.98	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2310	Edge_1RB_Left	16.24	/	/	16.14	/	/	<=23.98	Pass
		Edge_1RB_Right	15.84	/	/	15.74	/	/	<=23.98	Pass
		Outer_Full	15.88	/	/	15.78	/	/	<=23.98	Pass
		Inner_Full	15.90	/	/	15.80	/	/	<=23.98	Pass
		Inner_1RB_Left	15.81	/	/	15.71	/	/	<=23.98	Pass
		Inner_1RB_Right	15.78	/	/	15.68	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -0.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

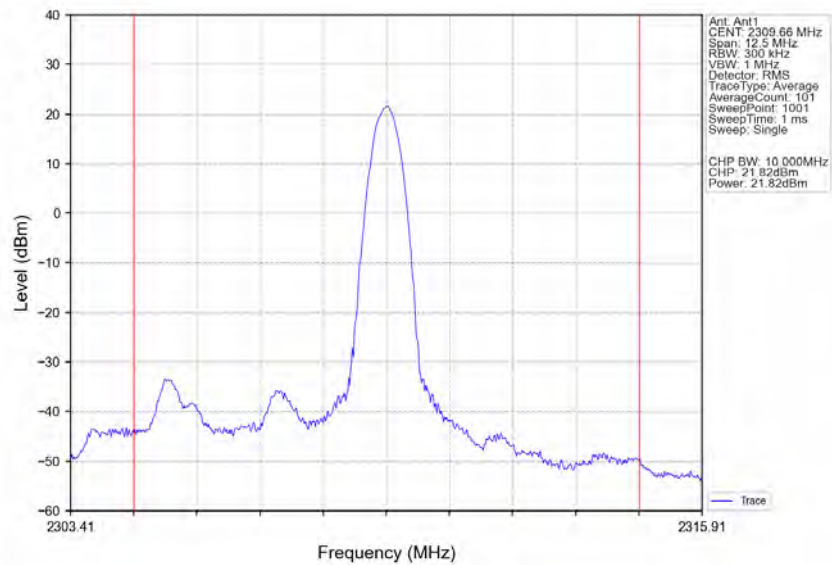
1.2 Test Graph

1.2.1 15k_SISO_5MHz_NTNV_EIRP(dBm/5MHz)

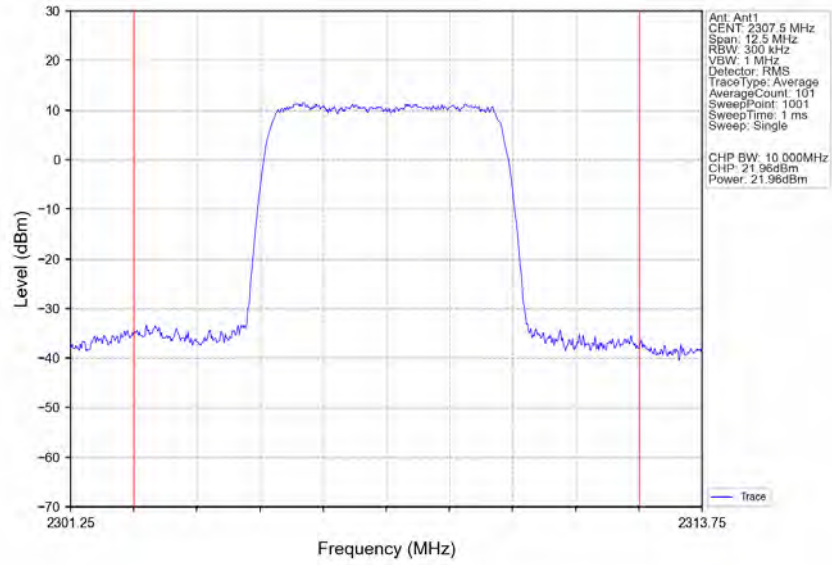
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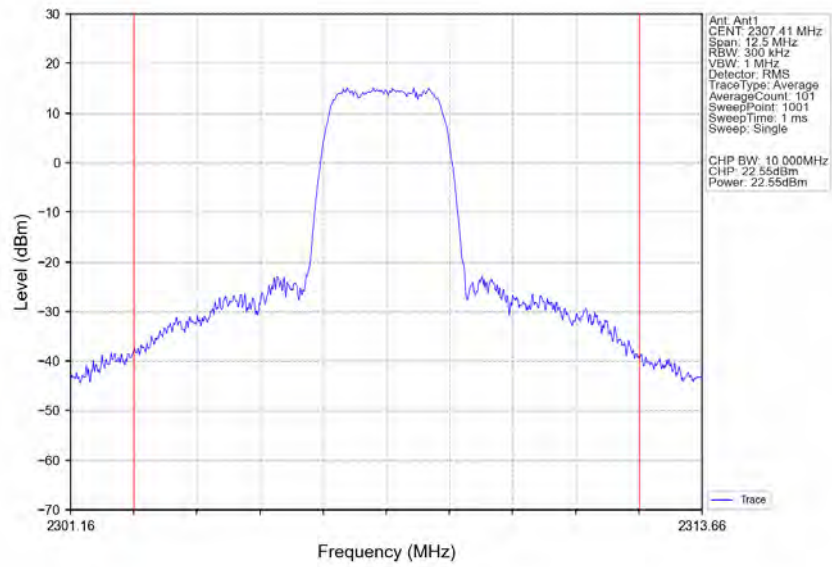
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2307.5MHz_Edge_1RB_Right_Ant1



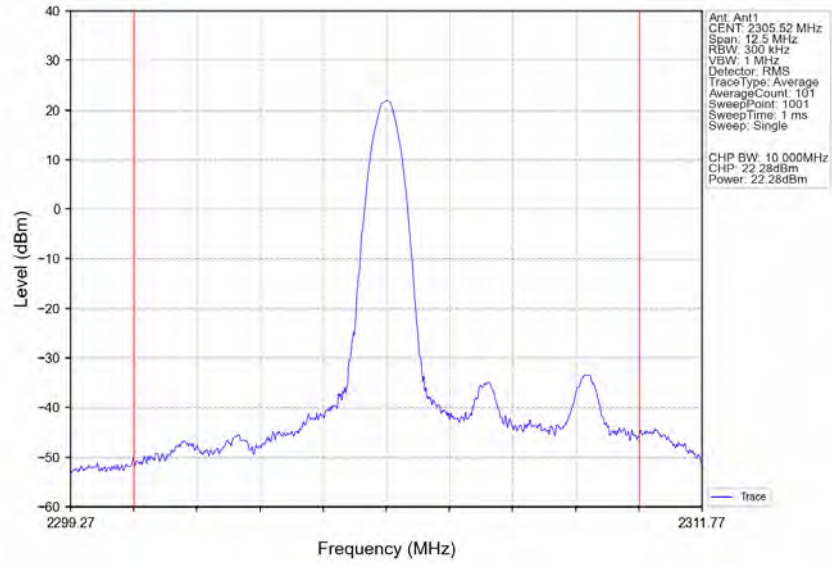
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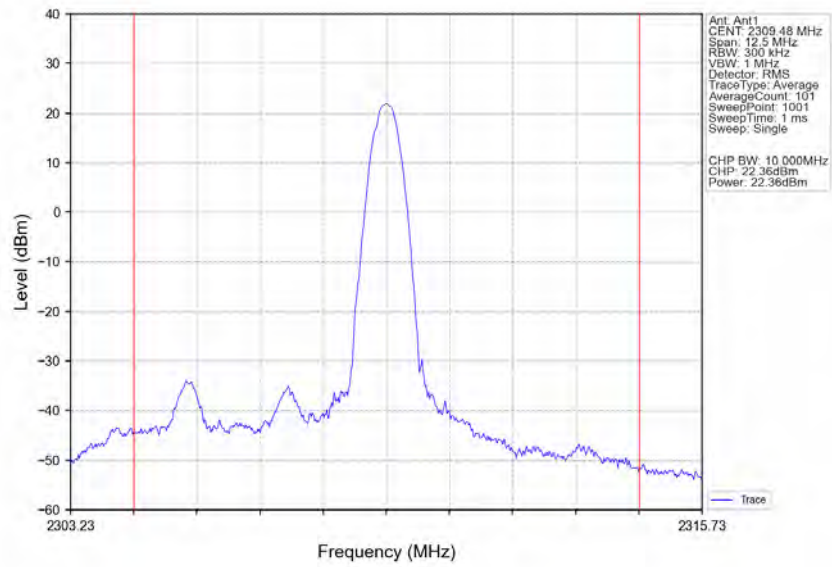
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Inner_Full_Ant1



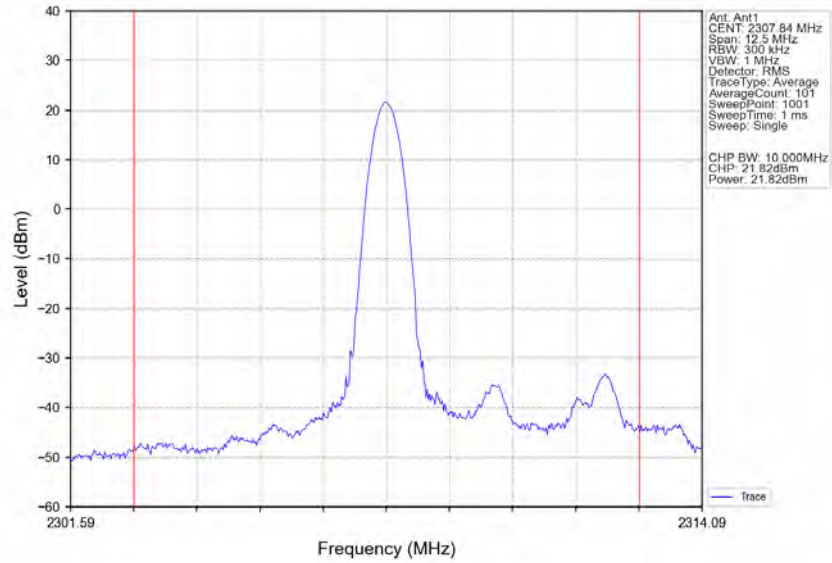
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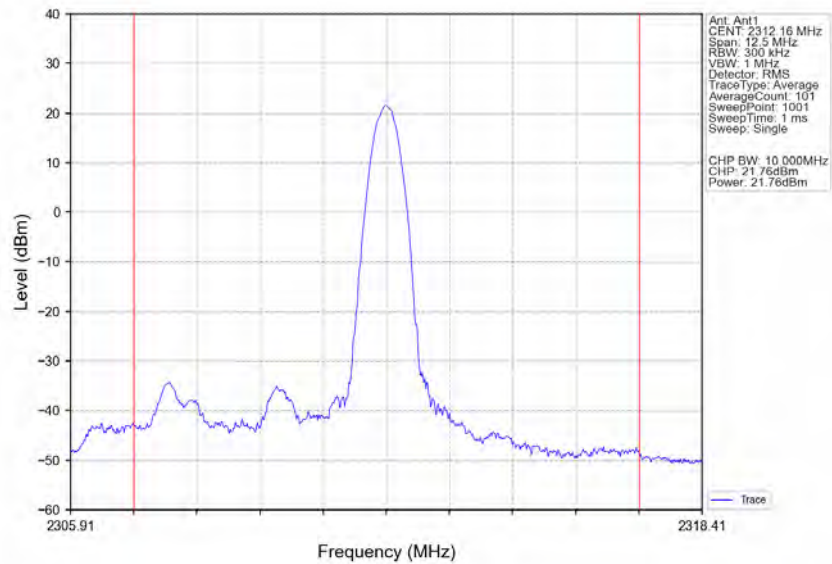
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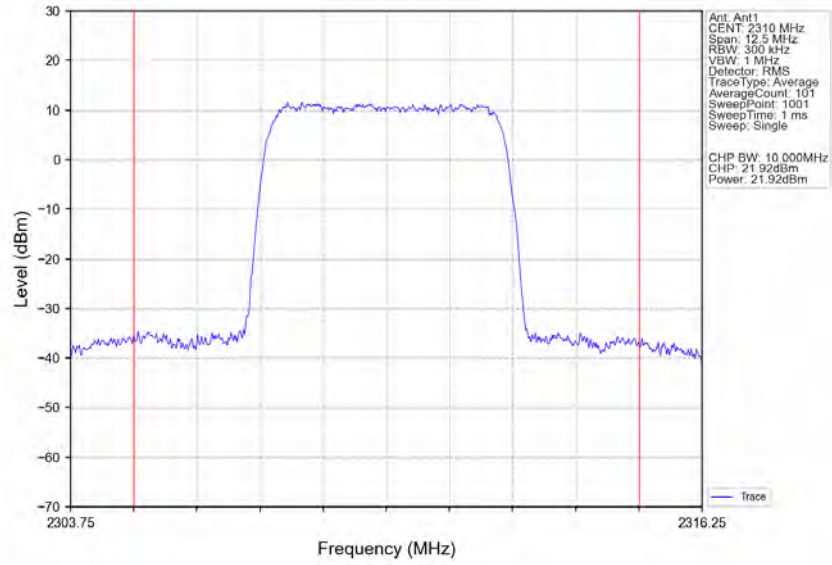
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



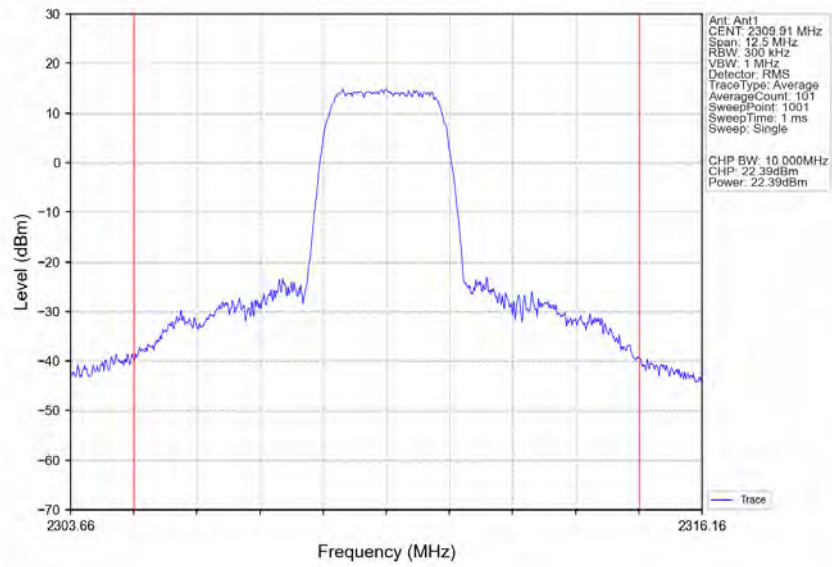
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Right_Ant1



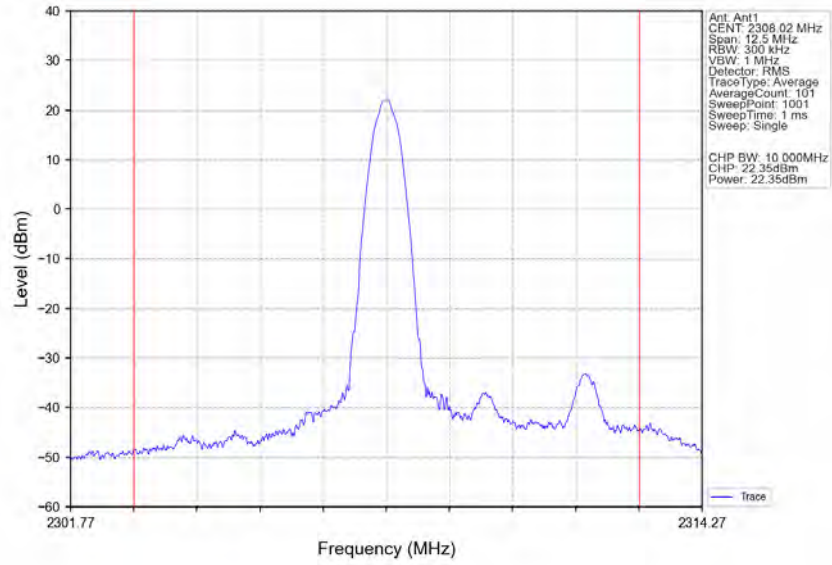
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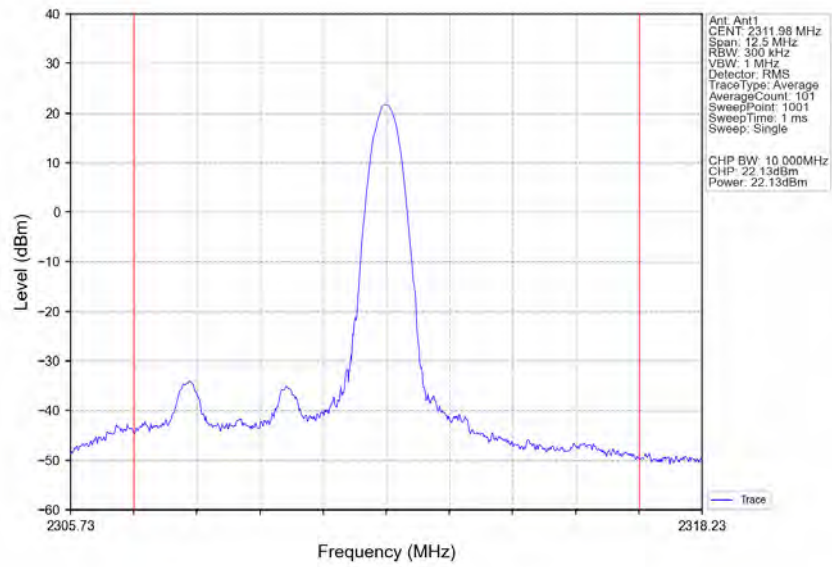
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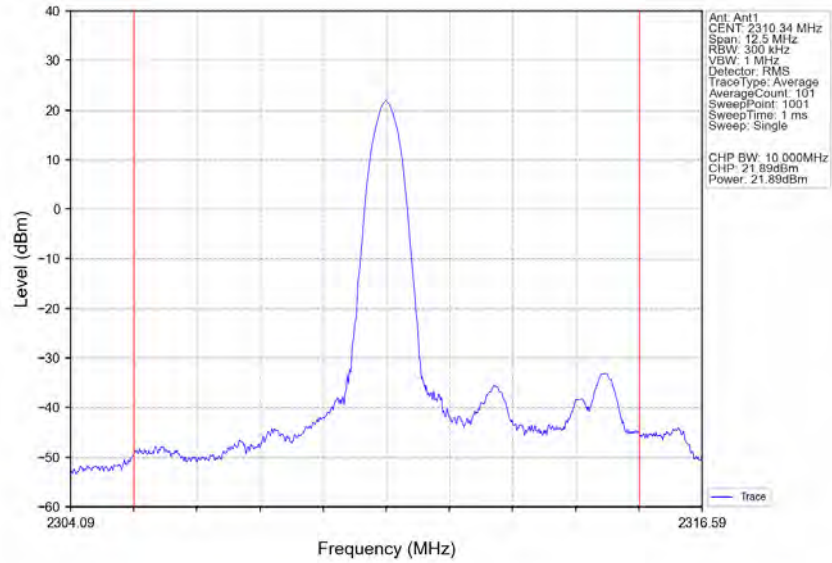
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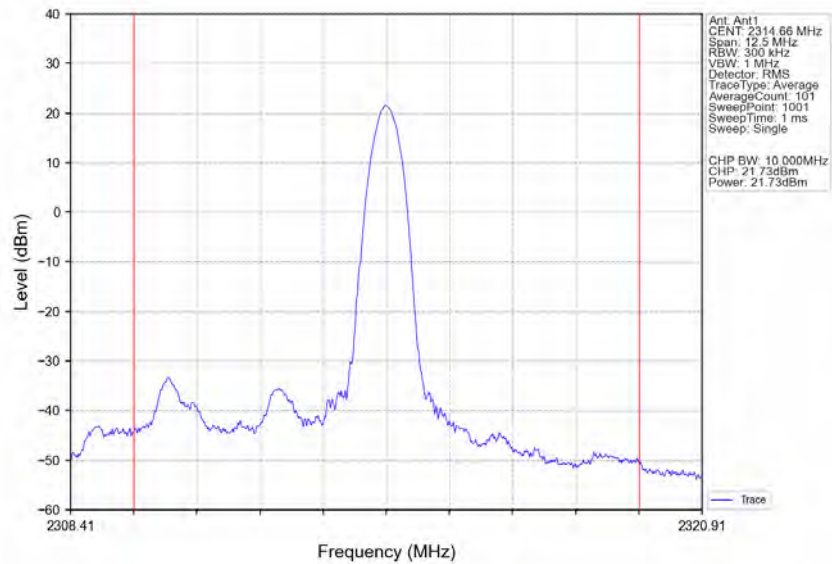
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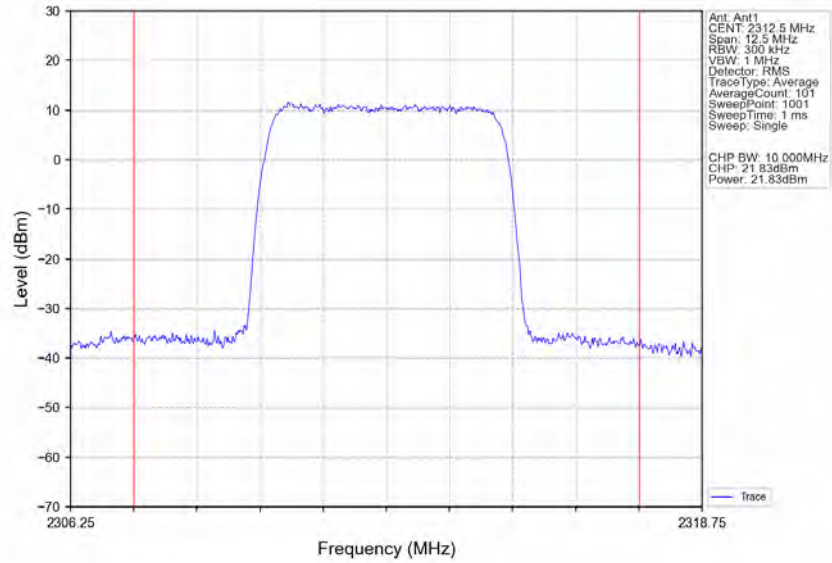
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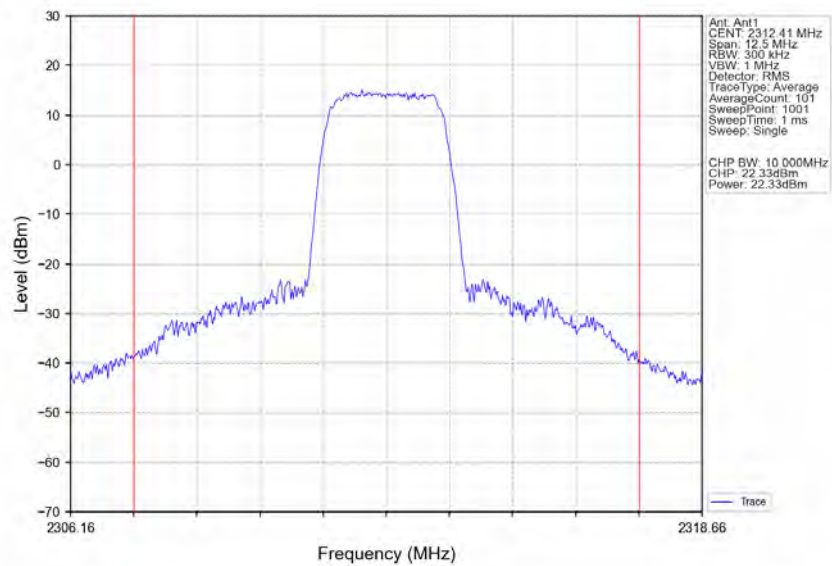
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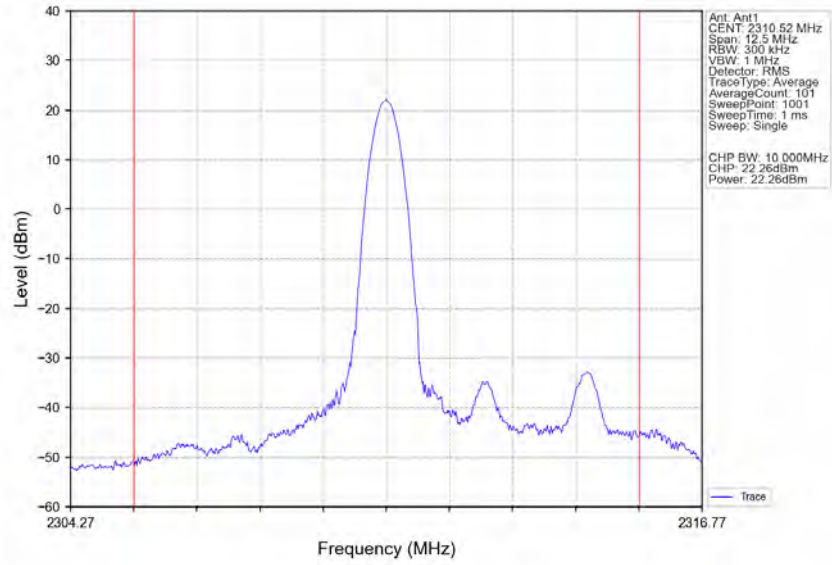
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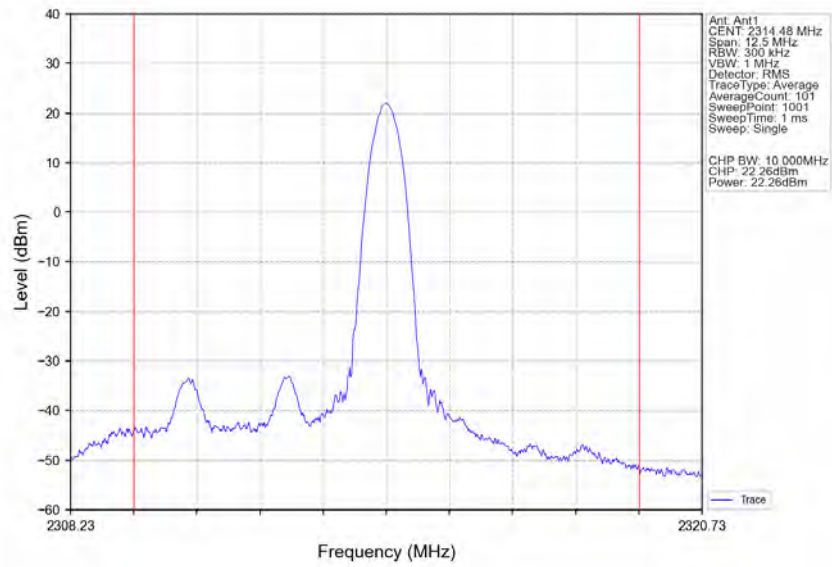
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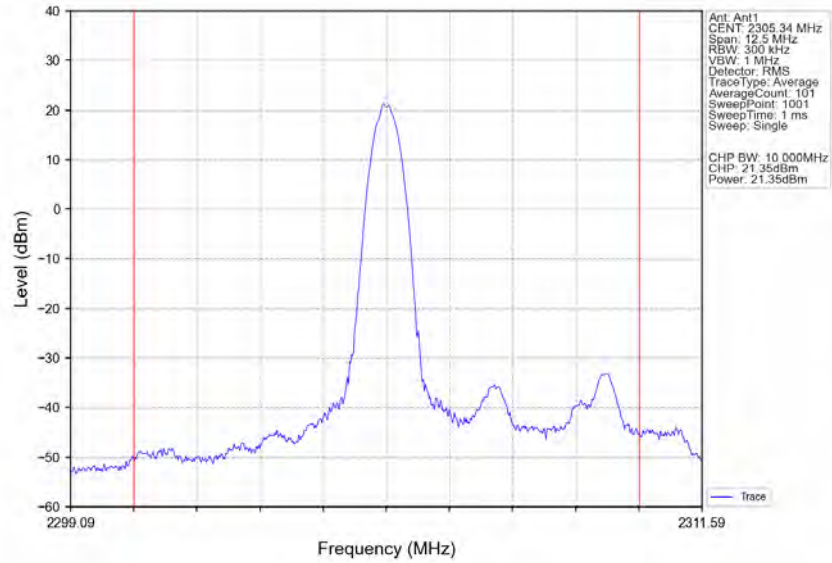
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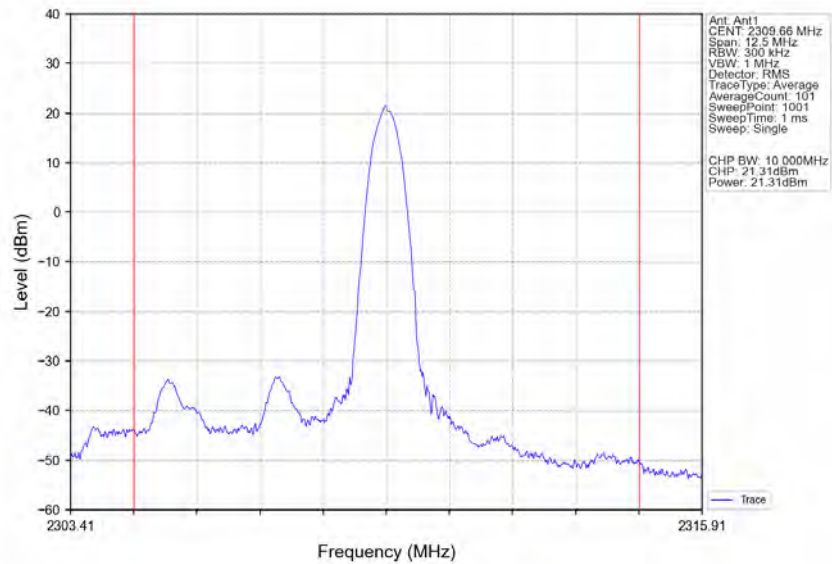
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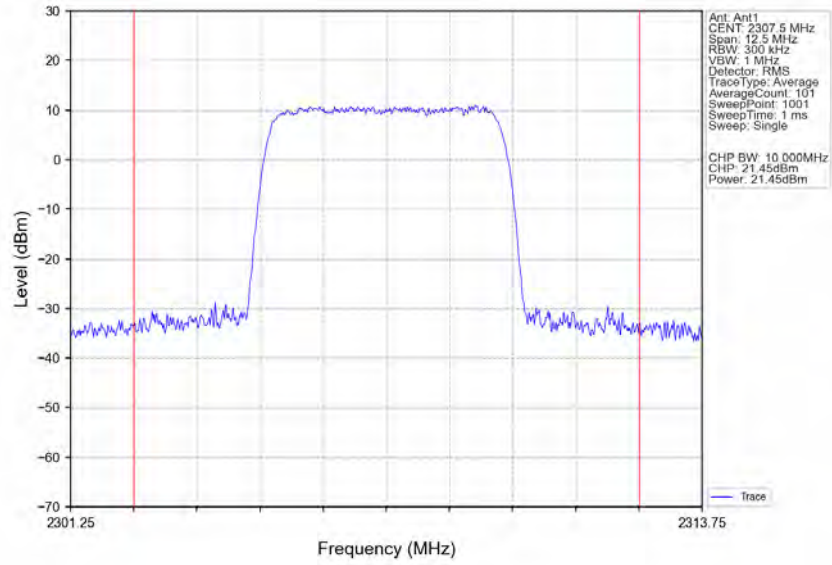
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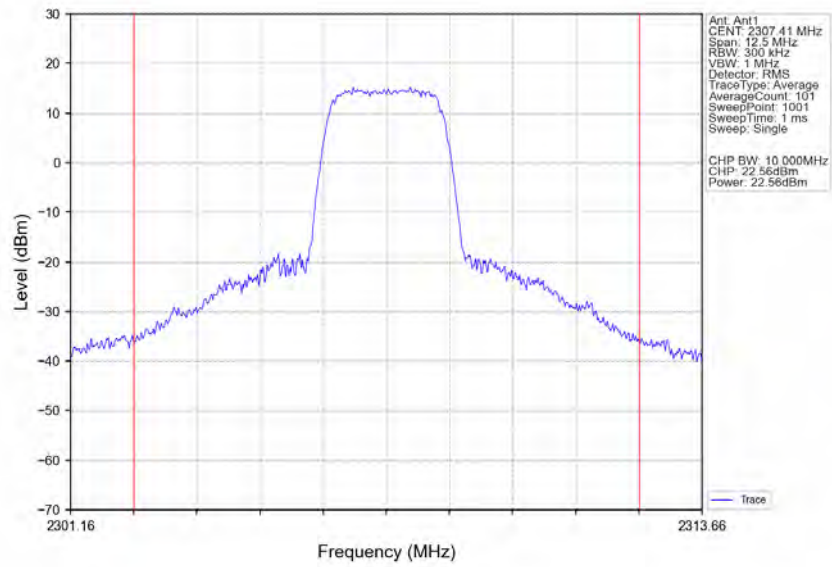
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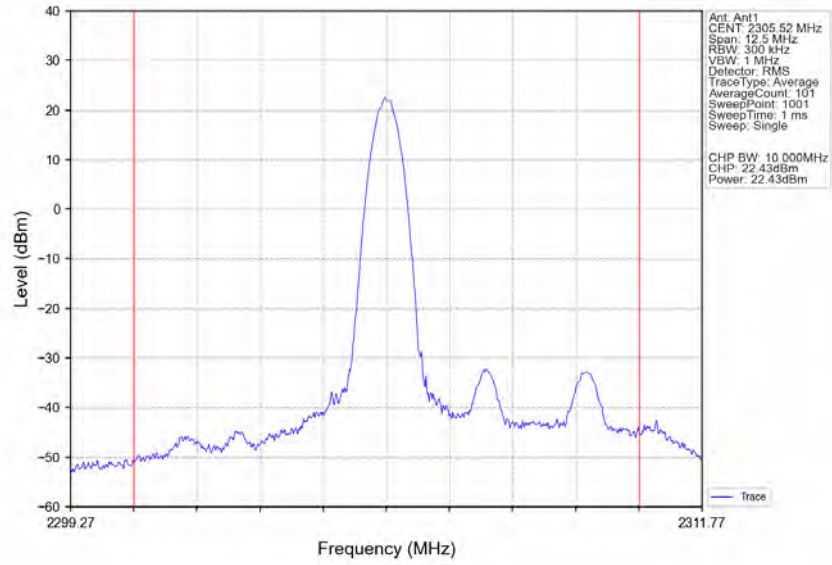
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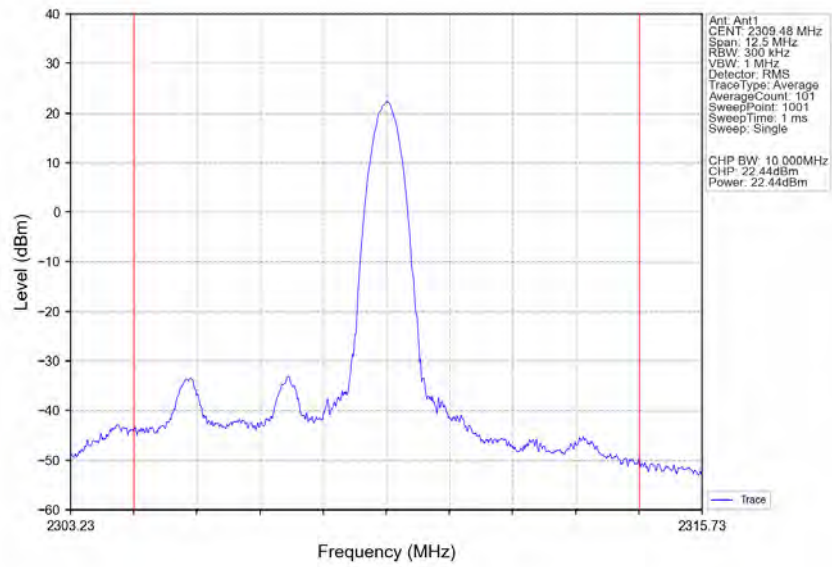
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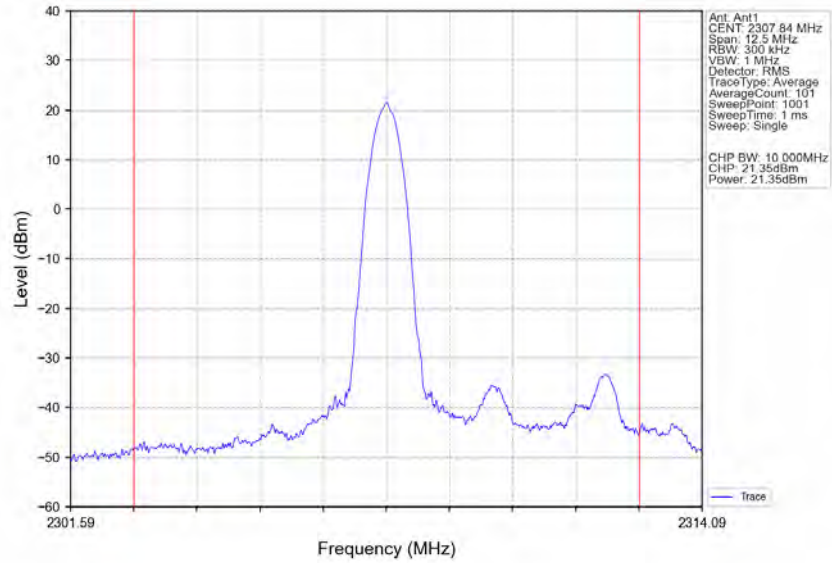
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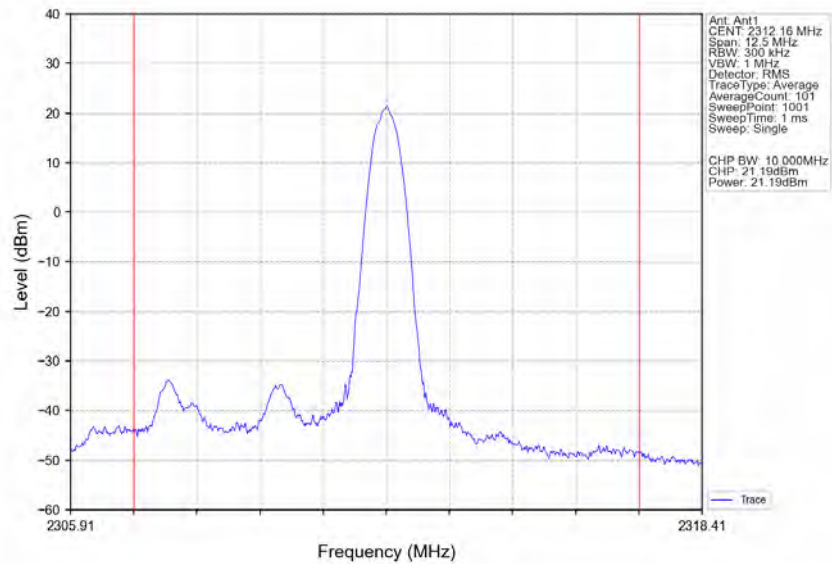
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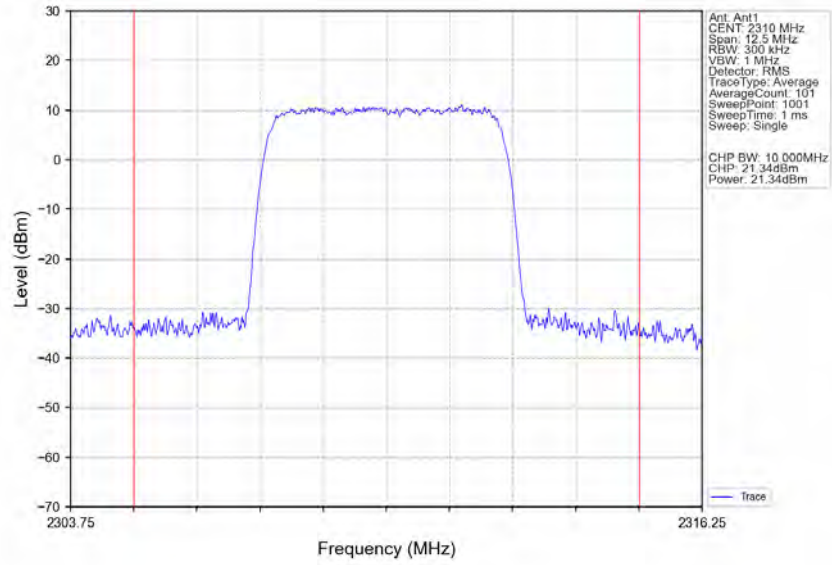
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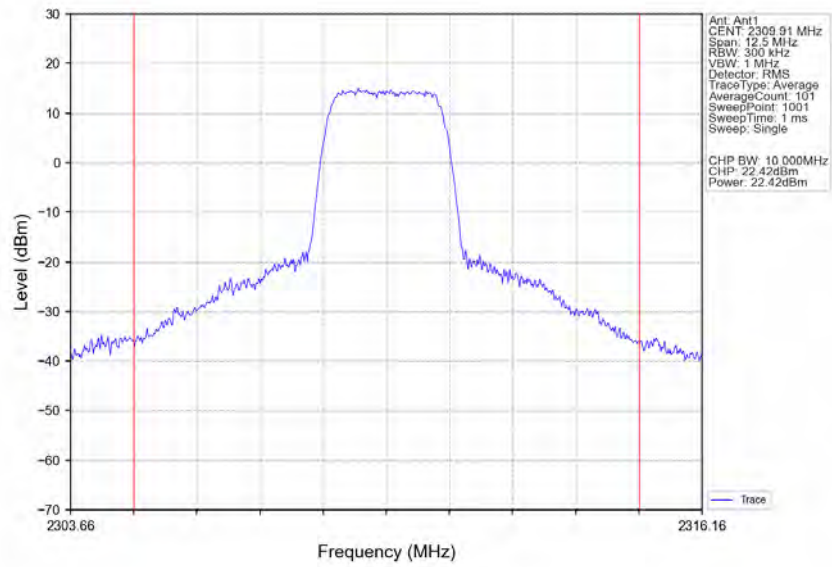
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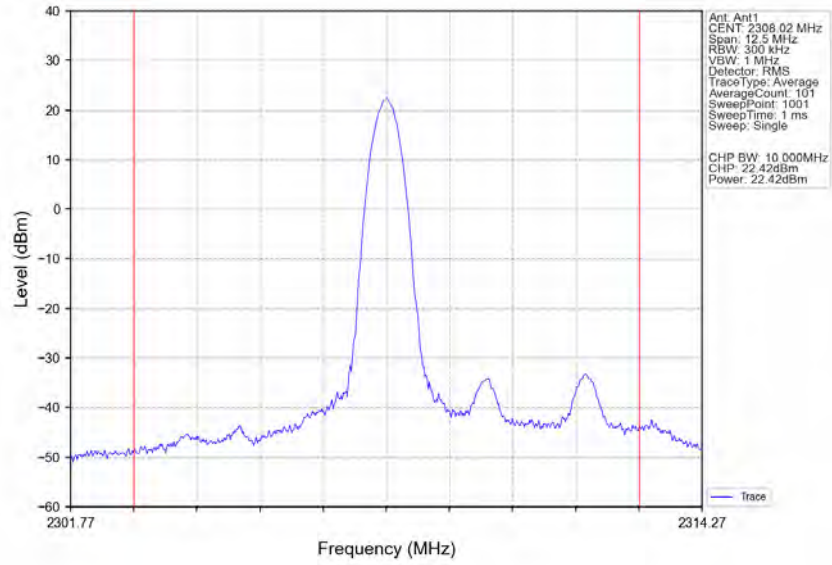
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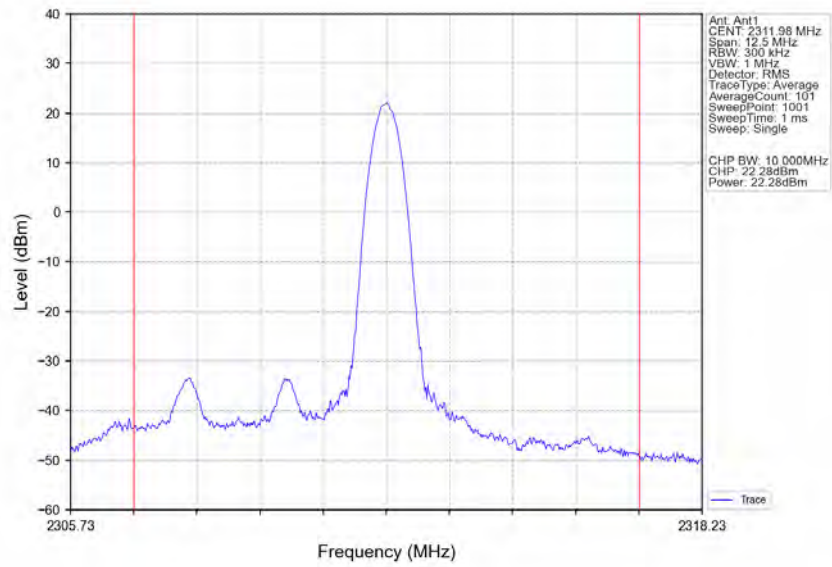
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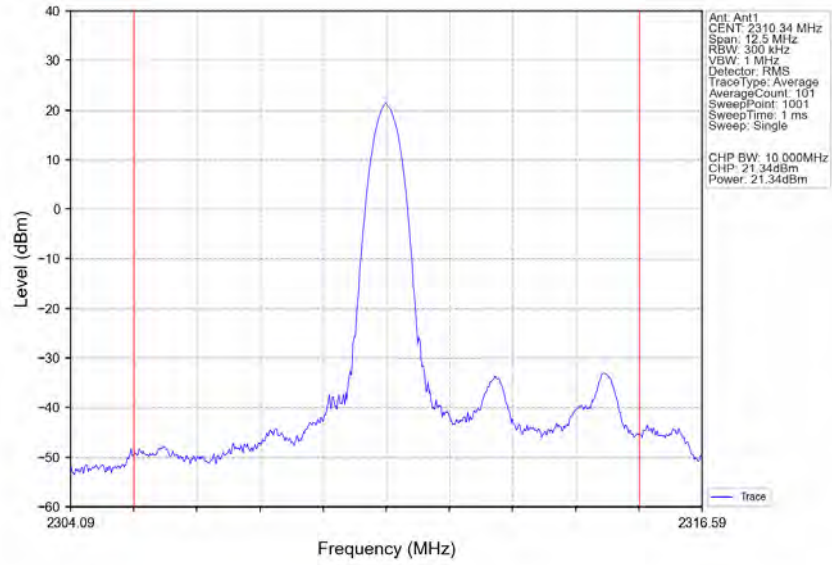
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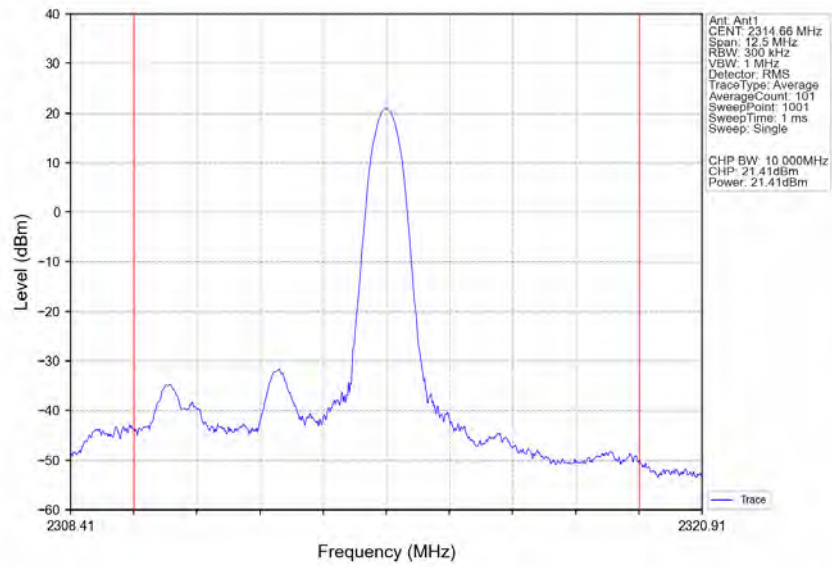
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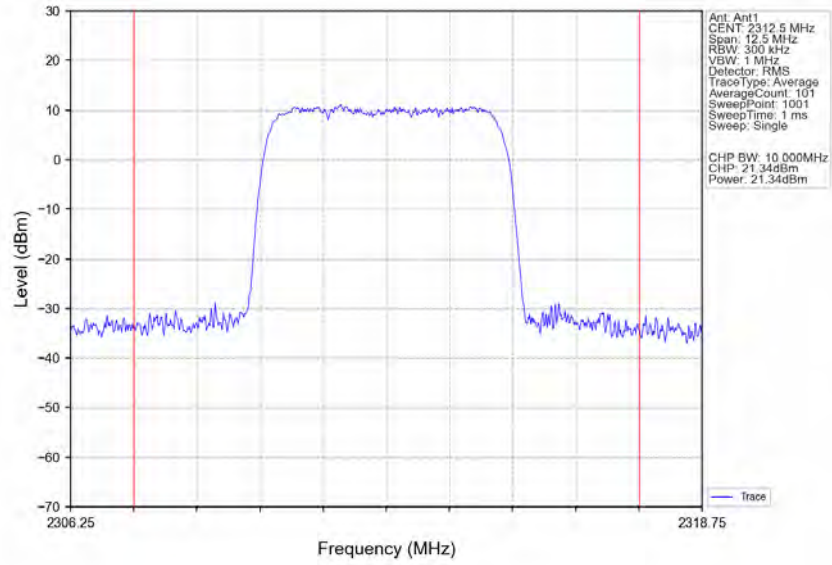
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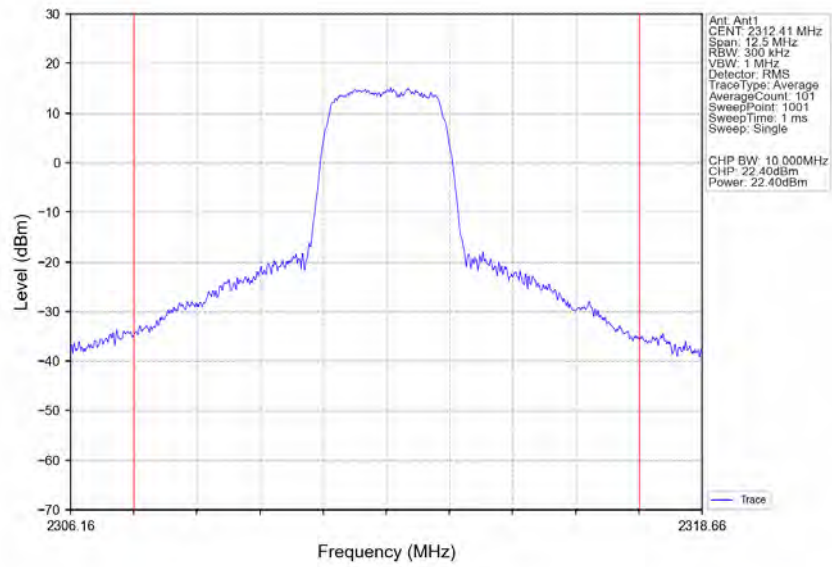
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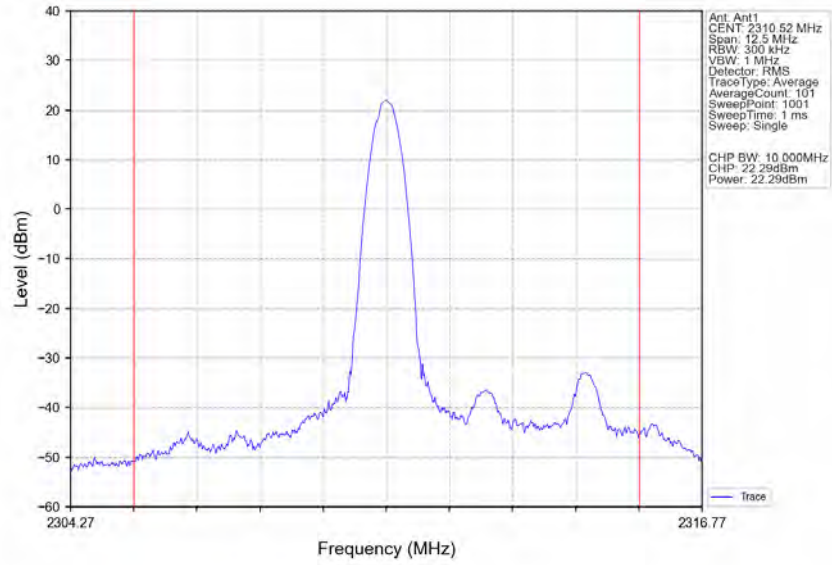
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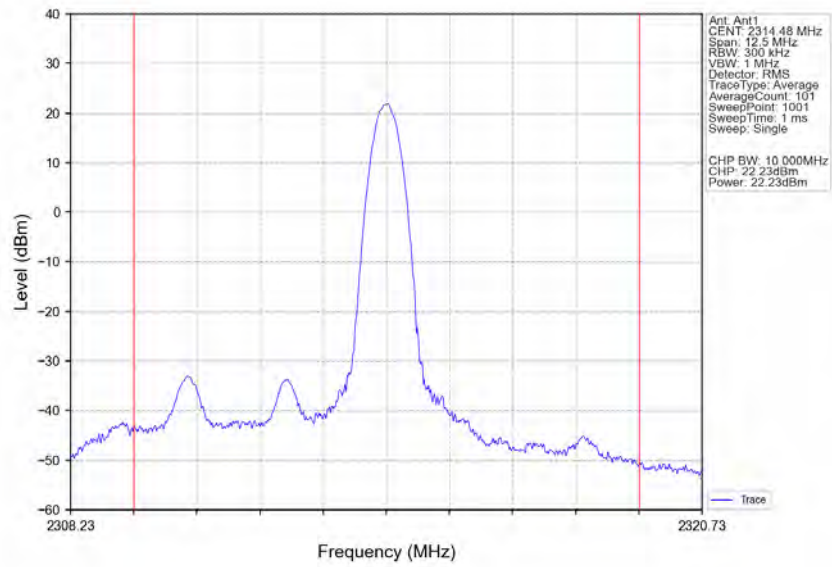
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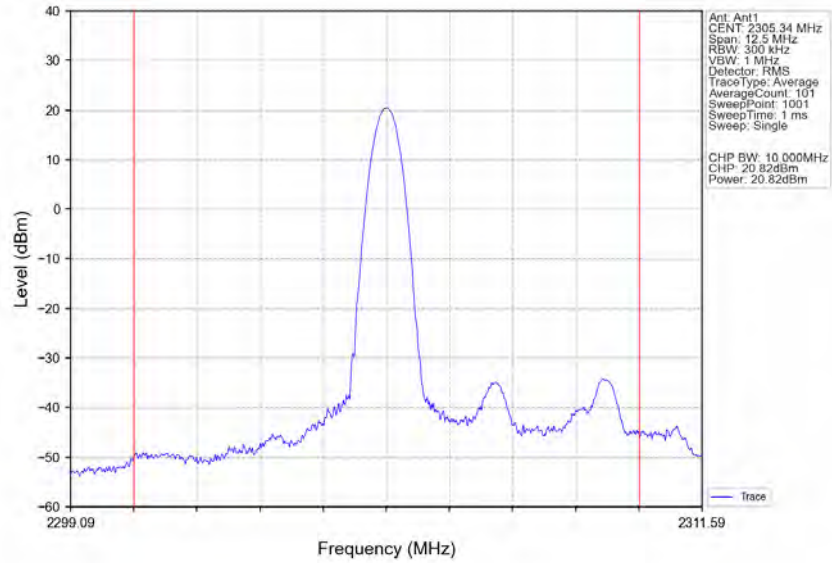
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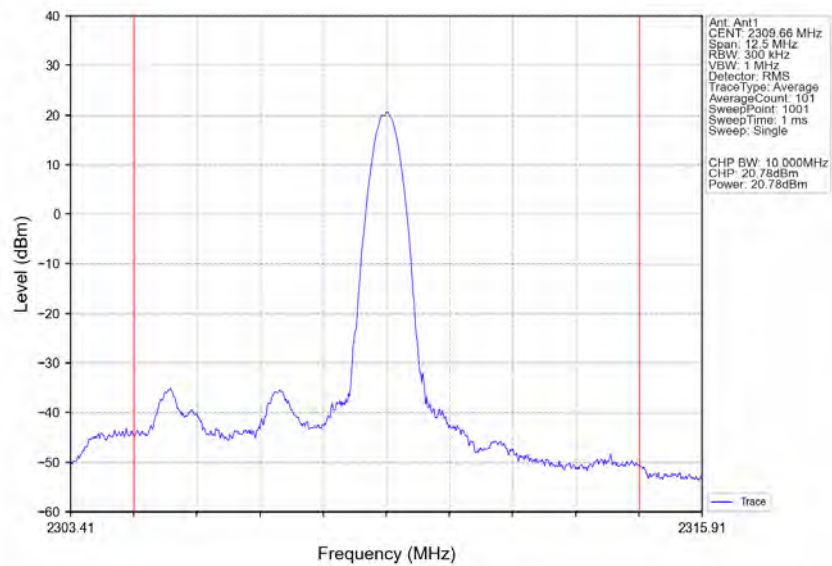
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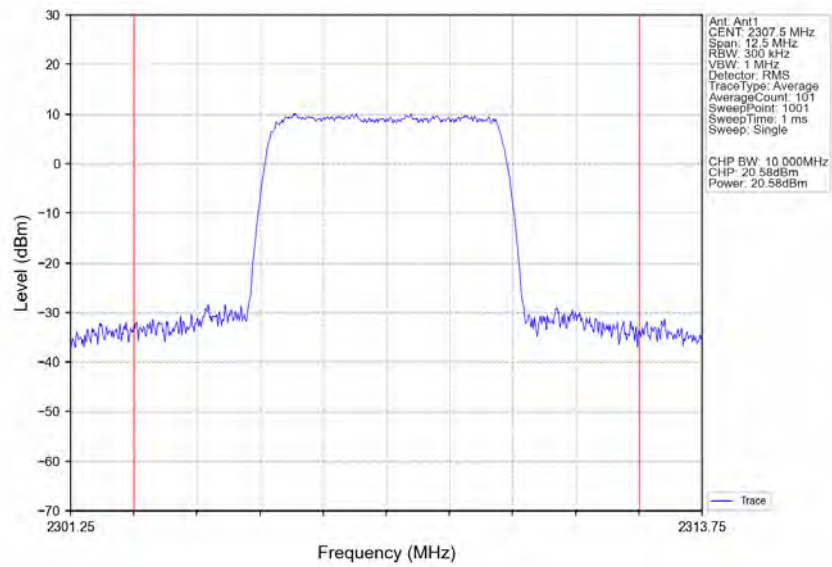
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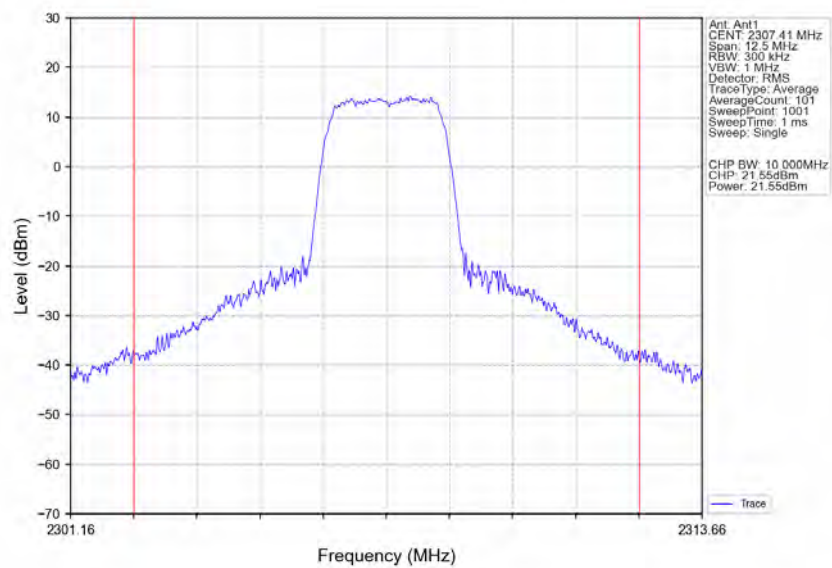
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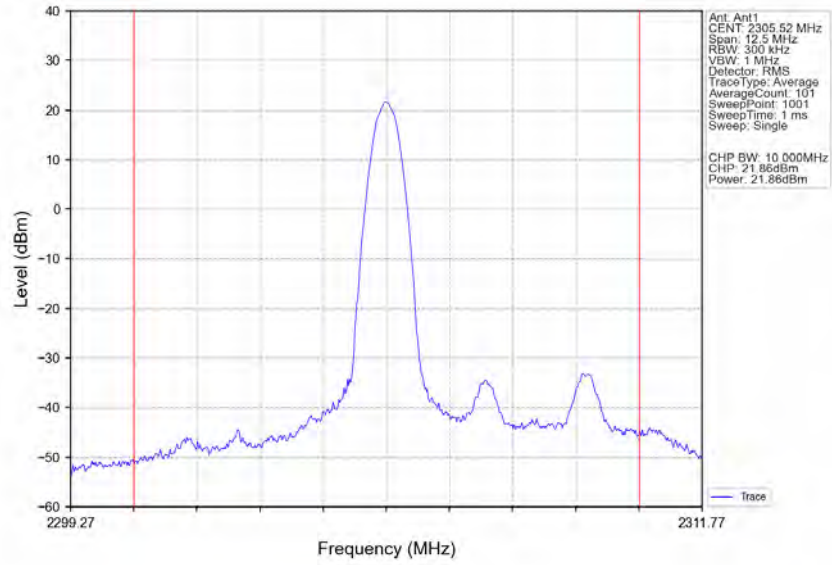
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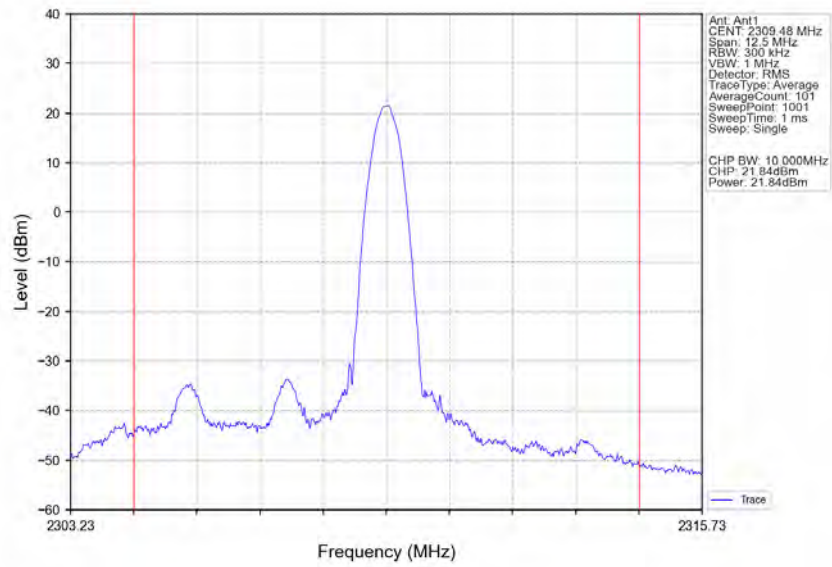
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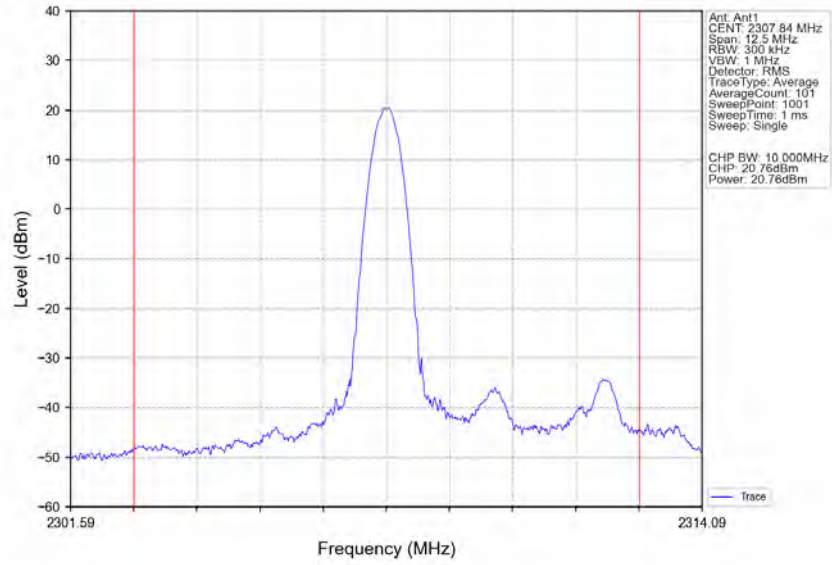
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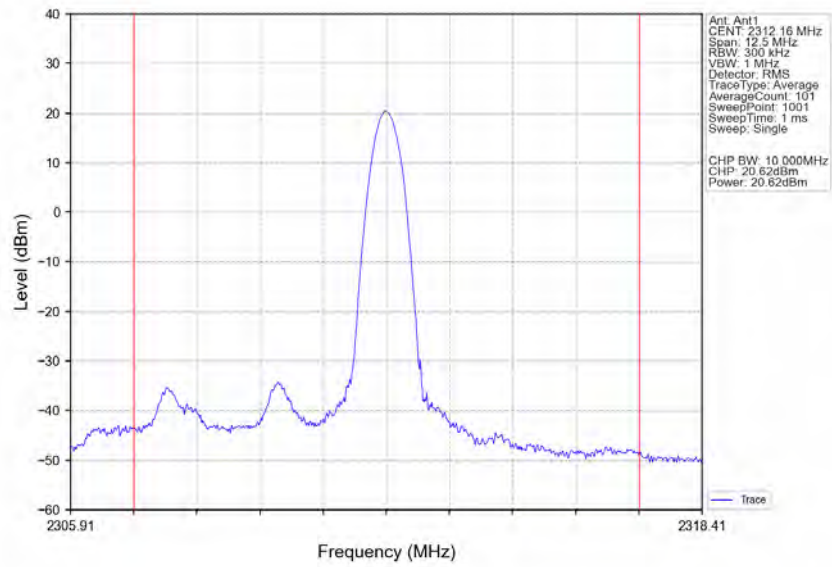
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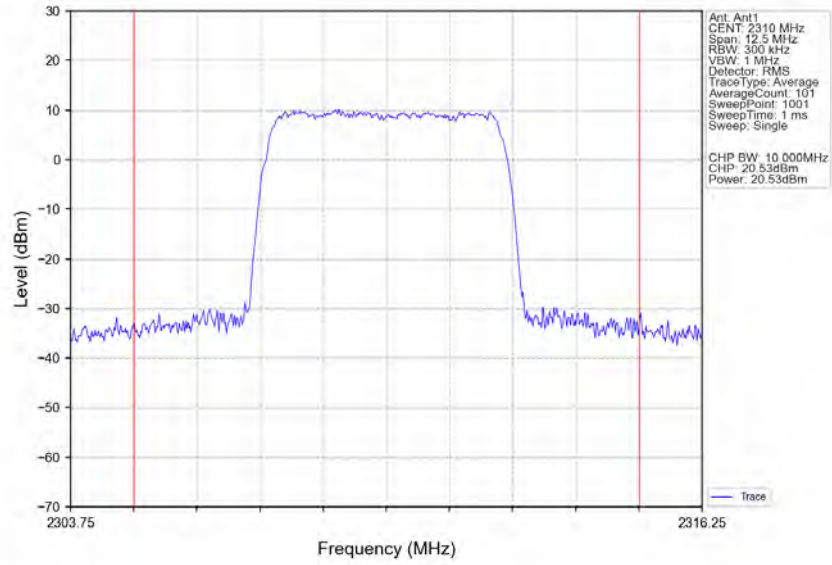
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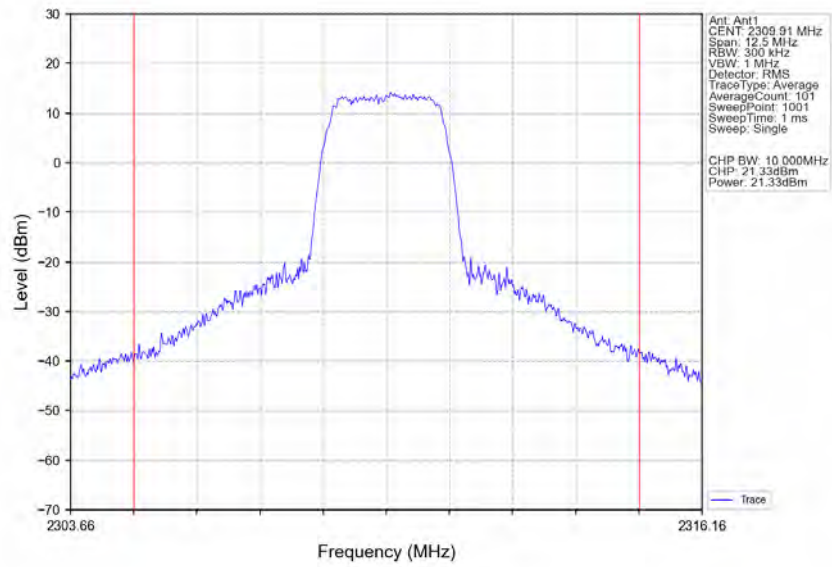
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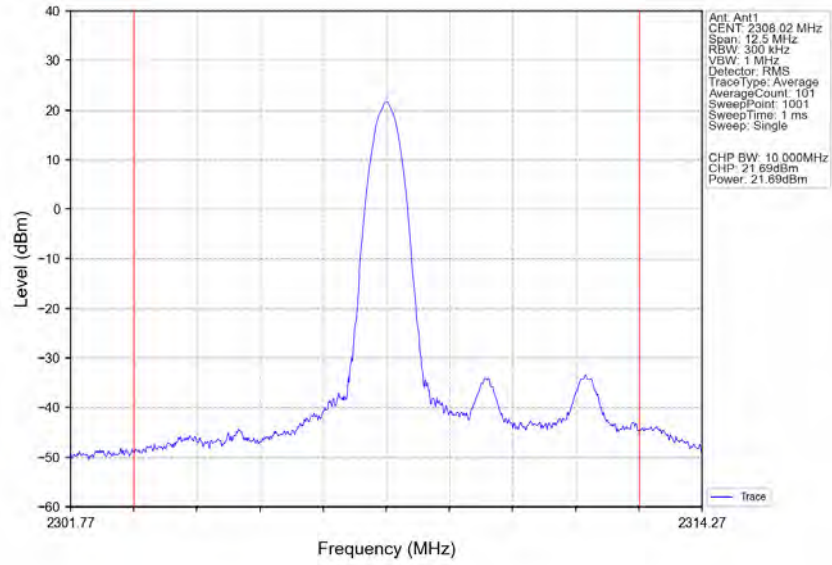
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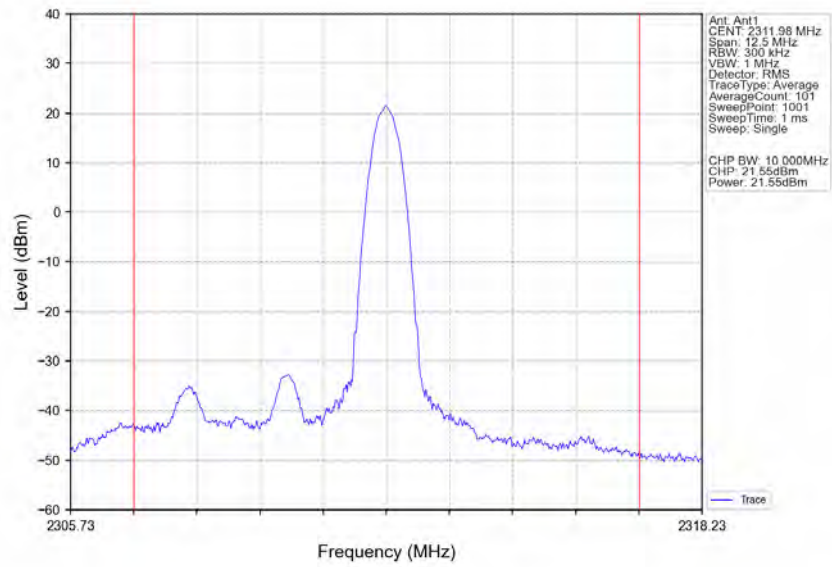
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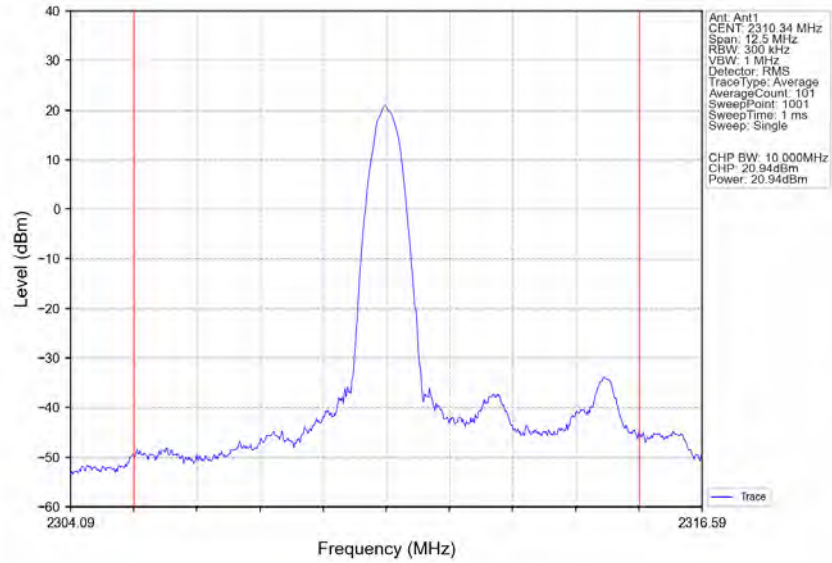
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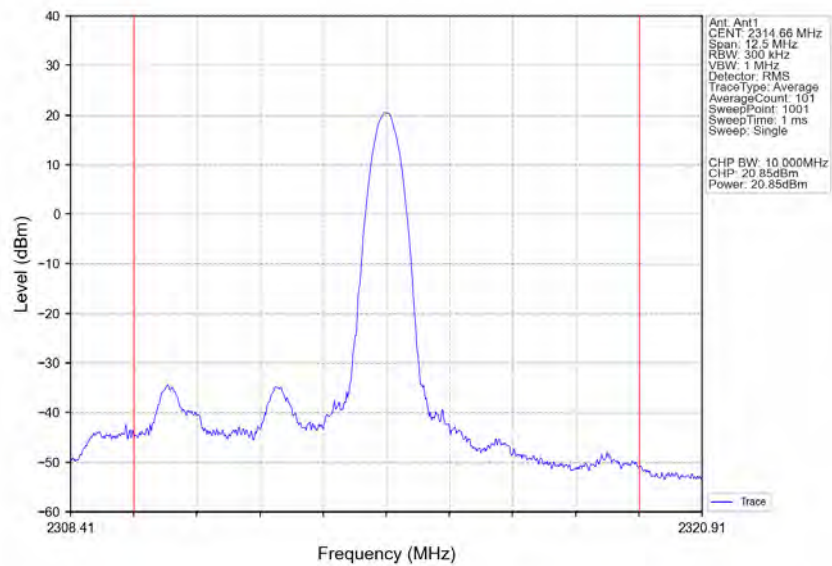
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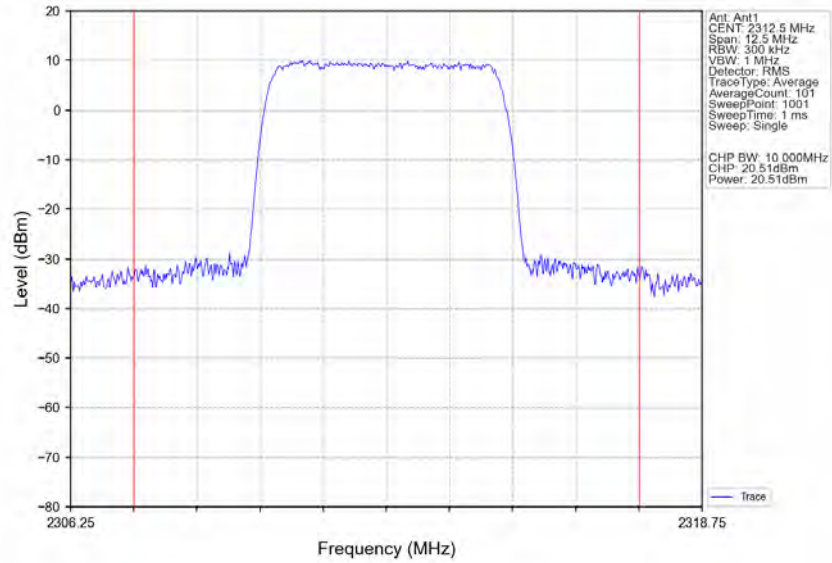
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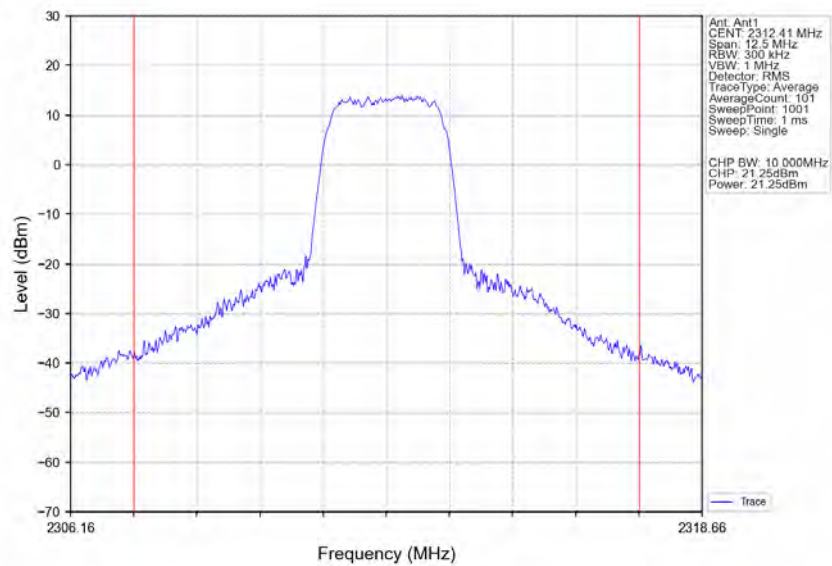
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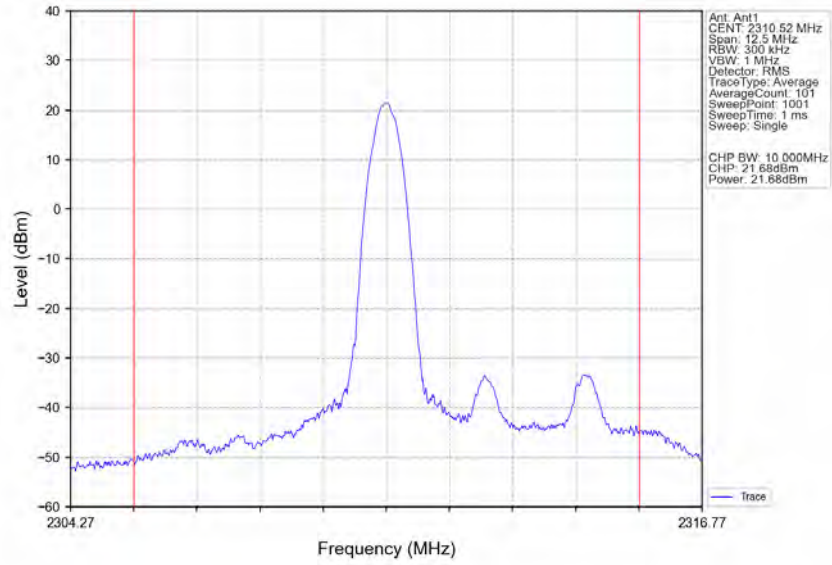
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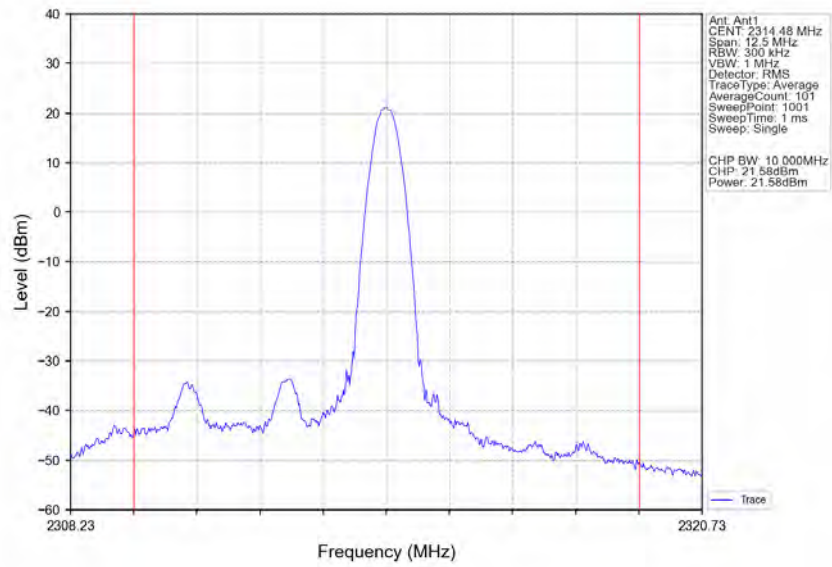
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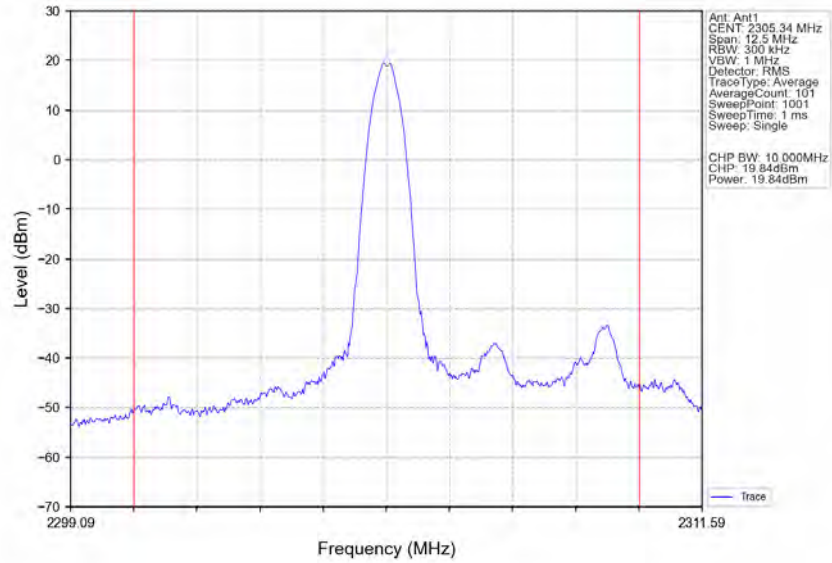
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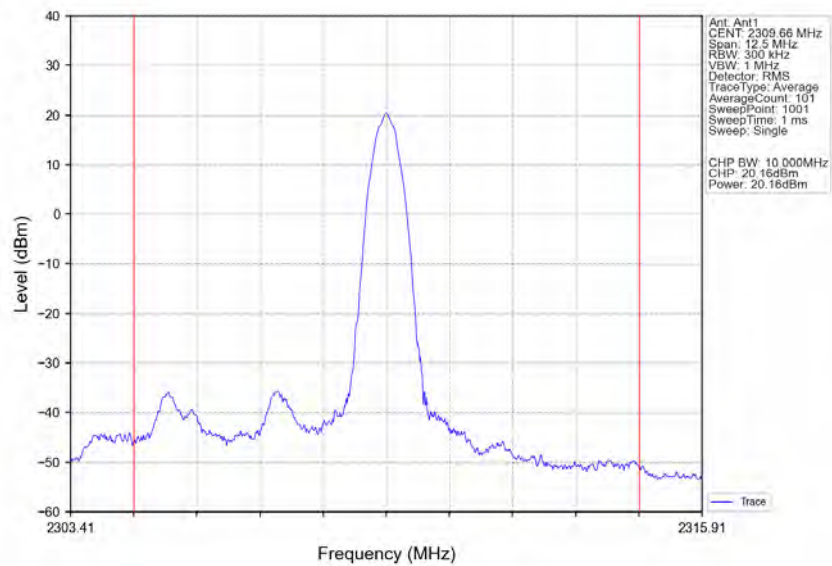
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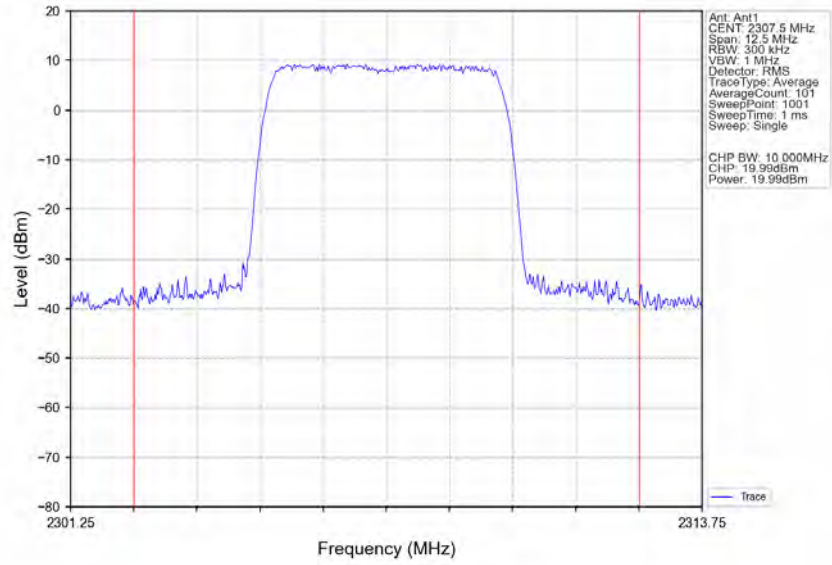
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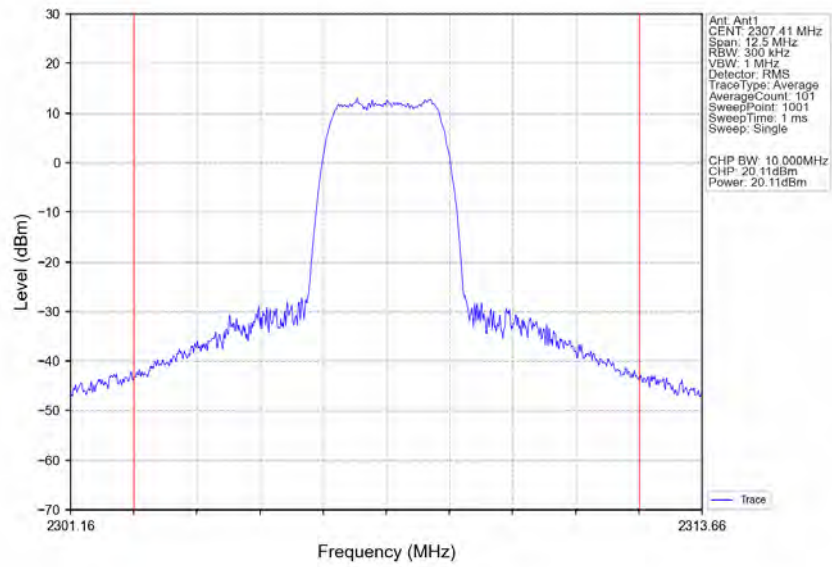
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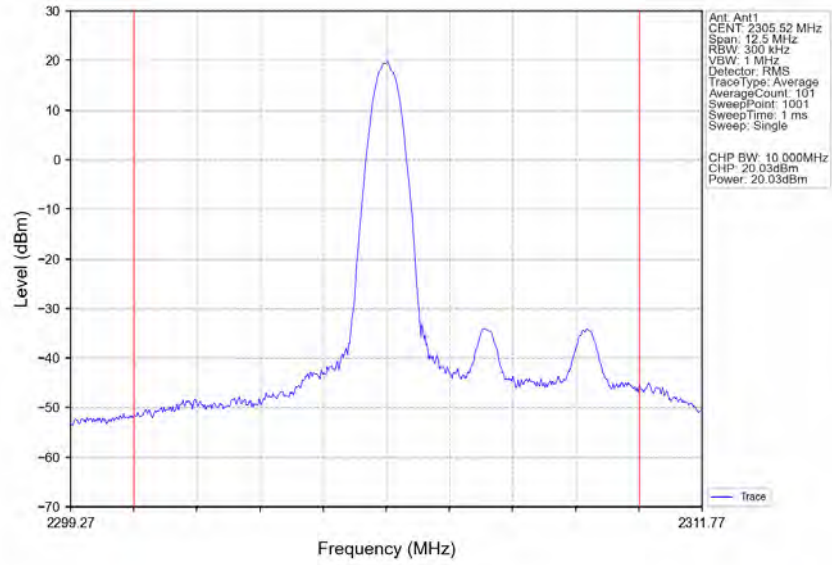
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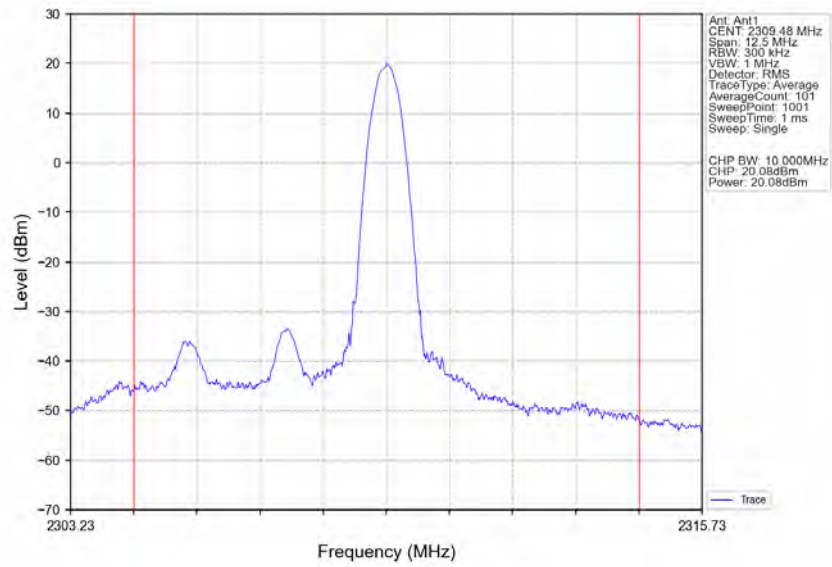
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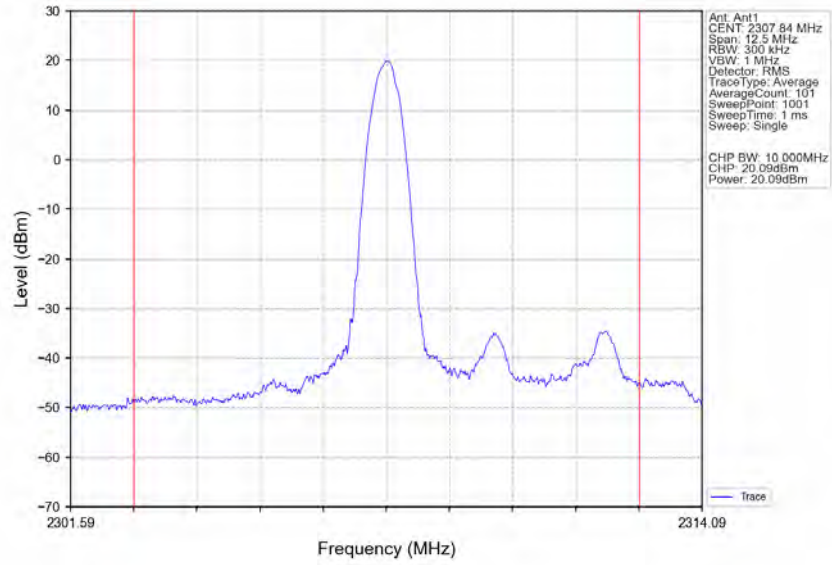
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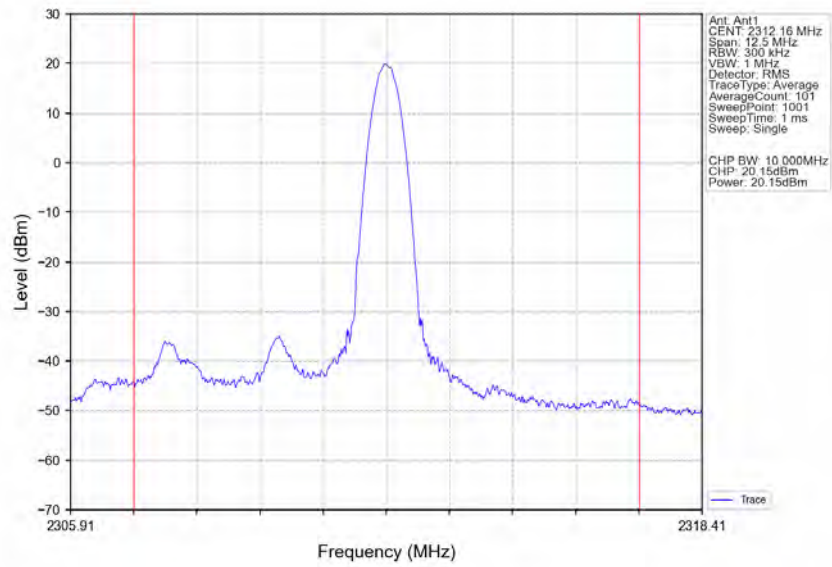
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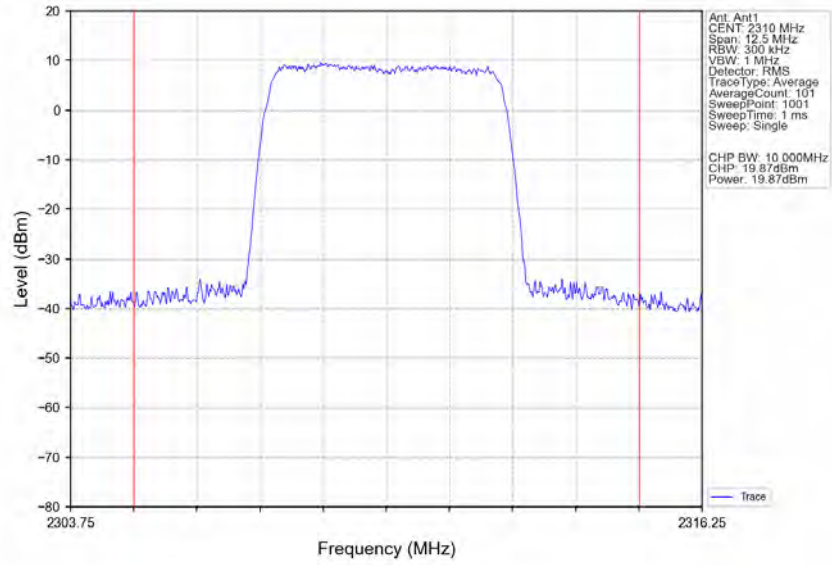
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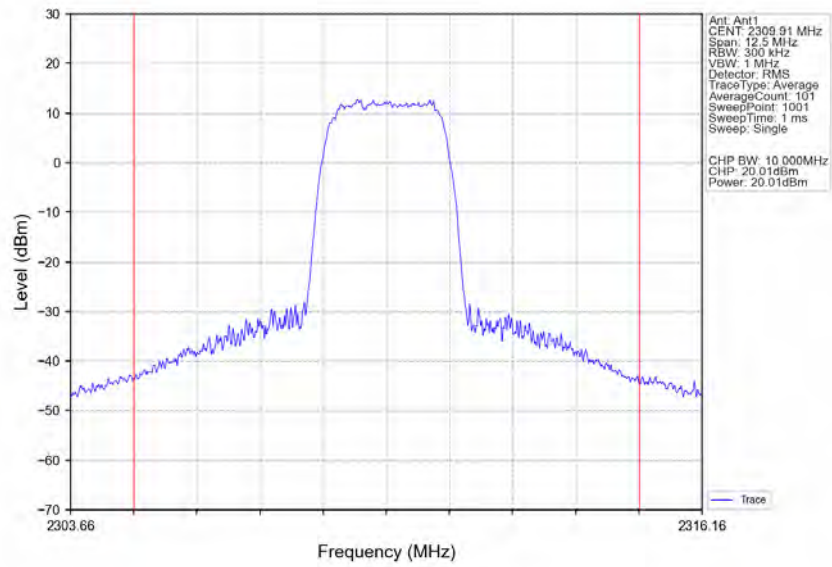
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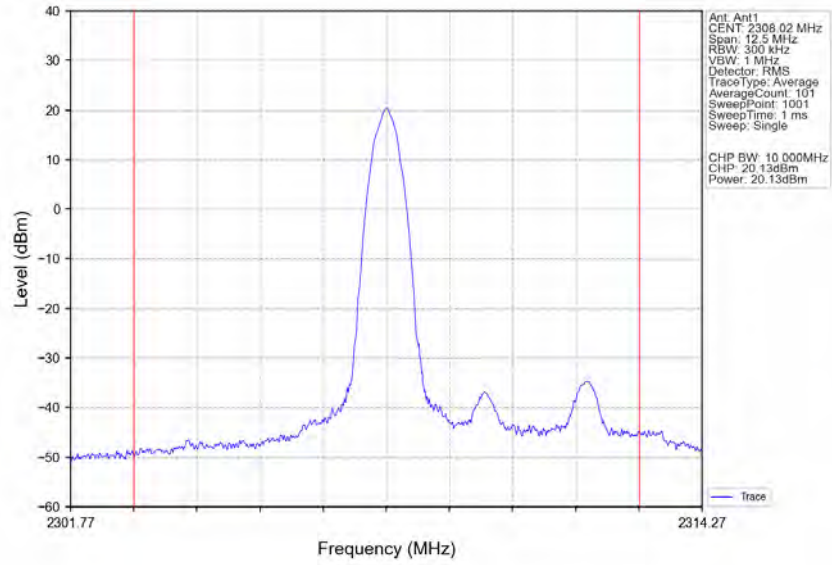
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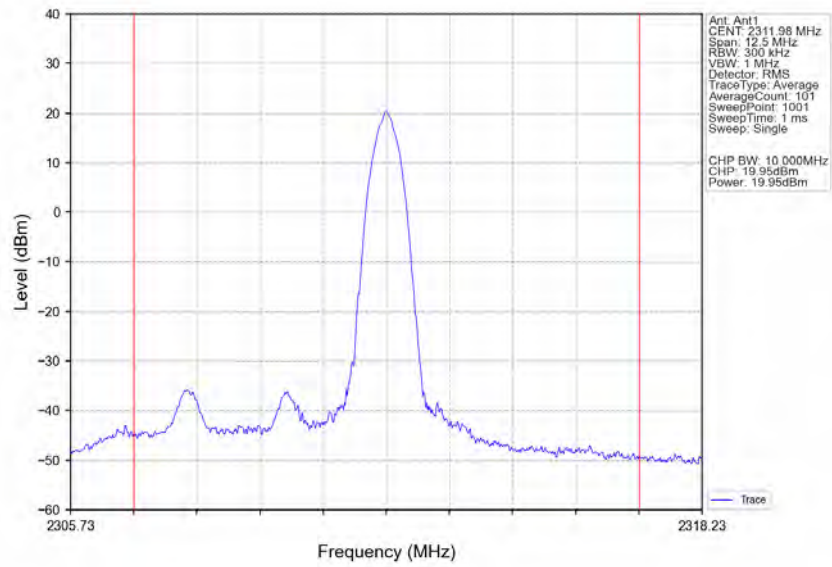
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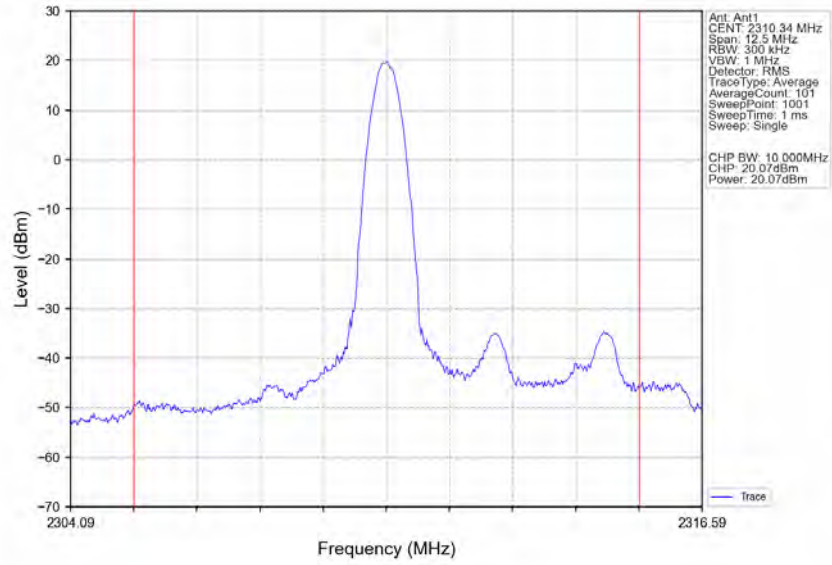
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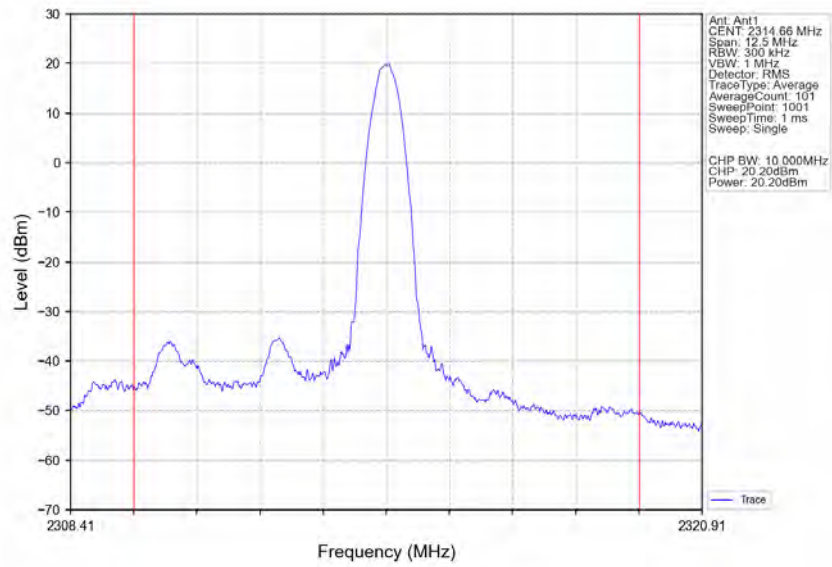
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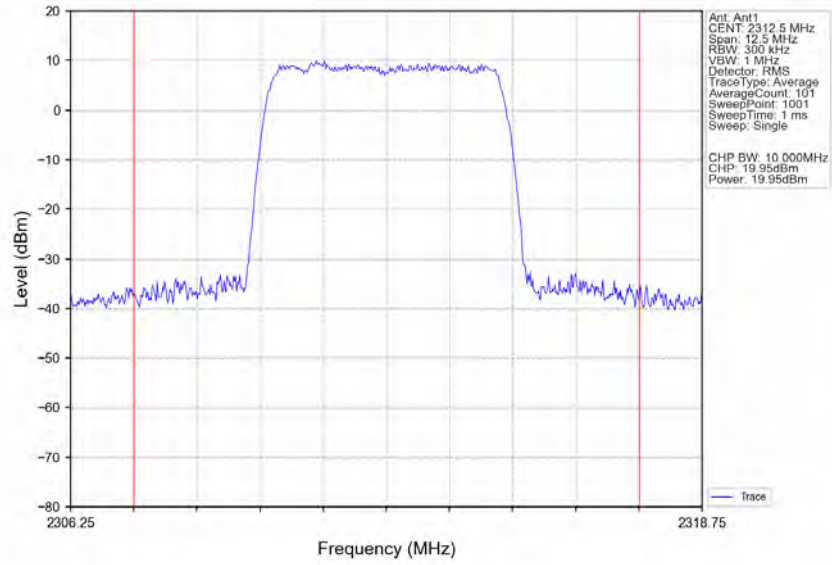
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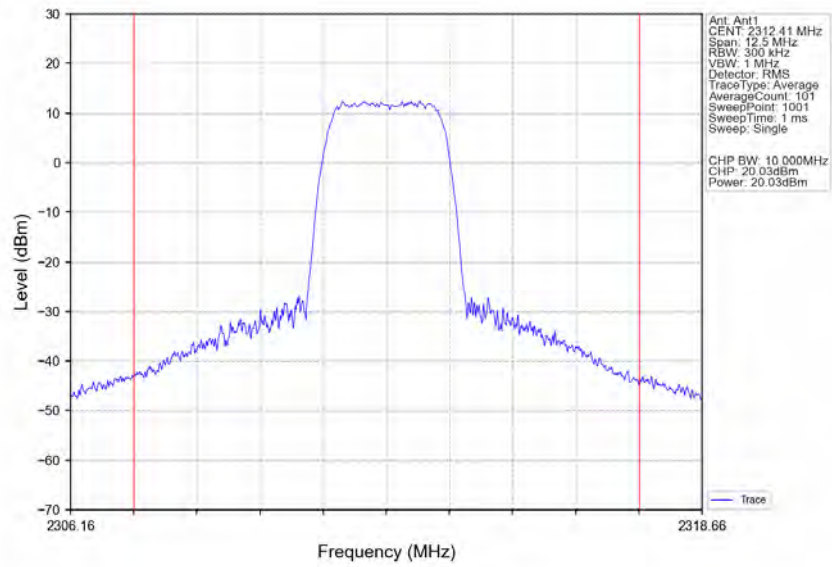
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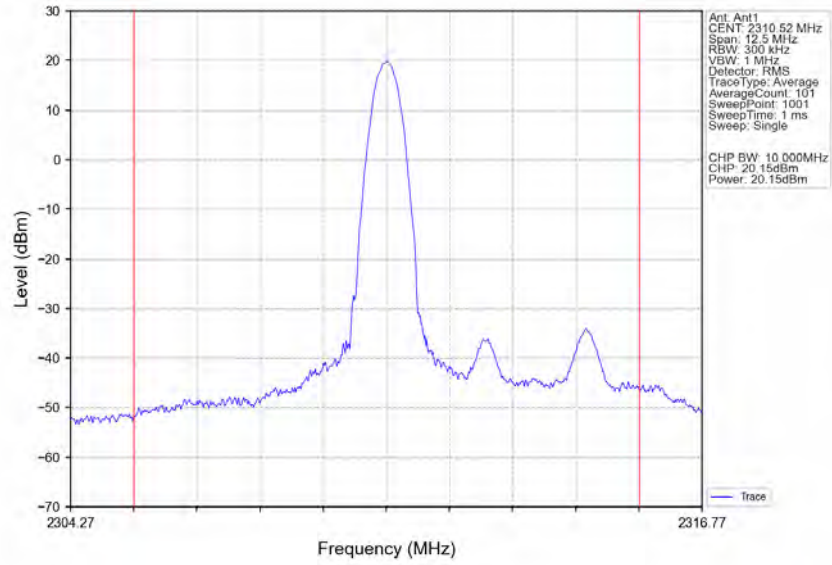
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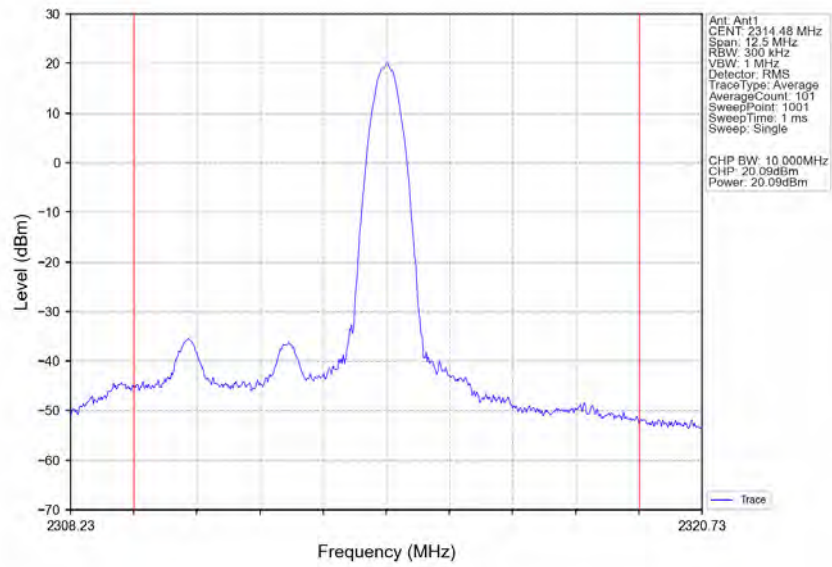
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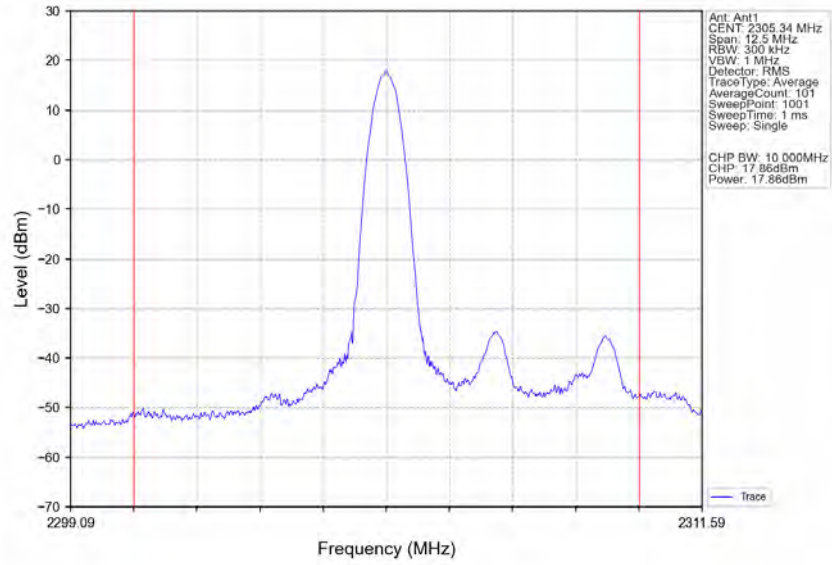
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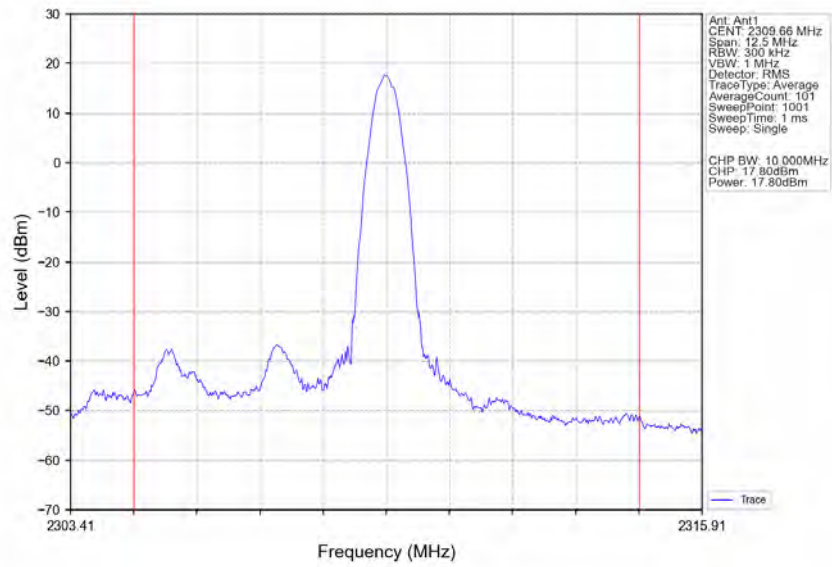
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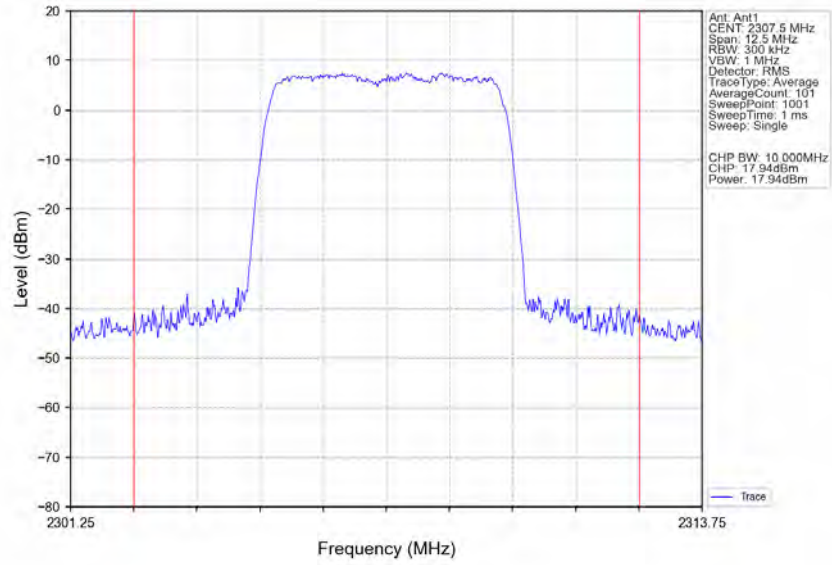
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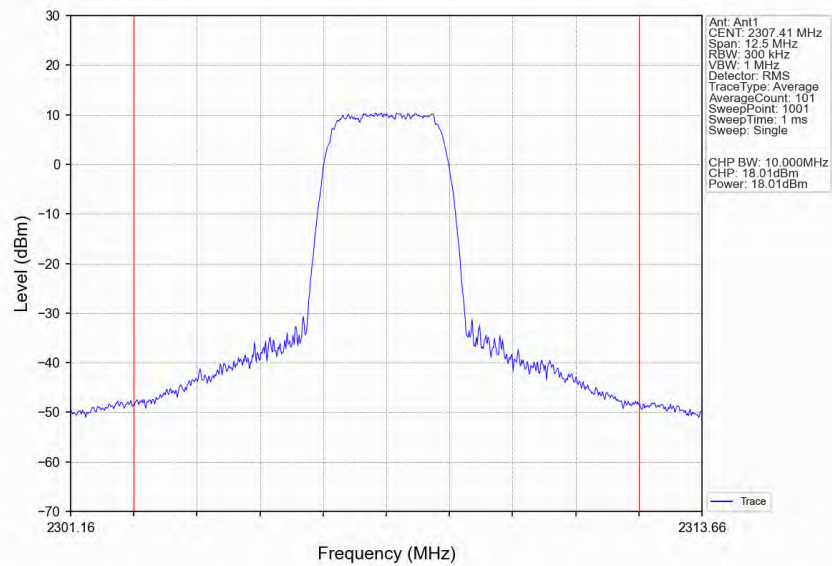
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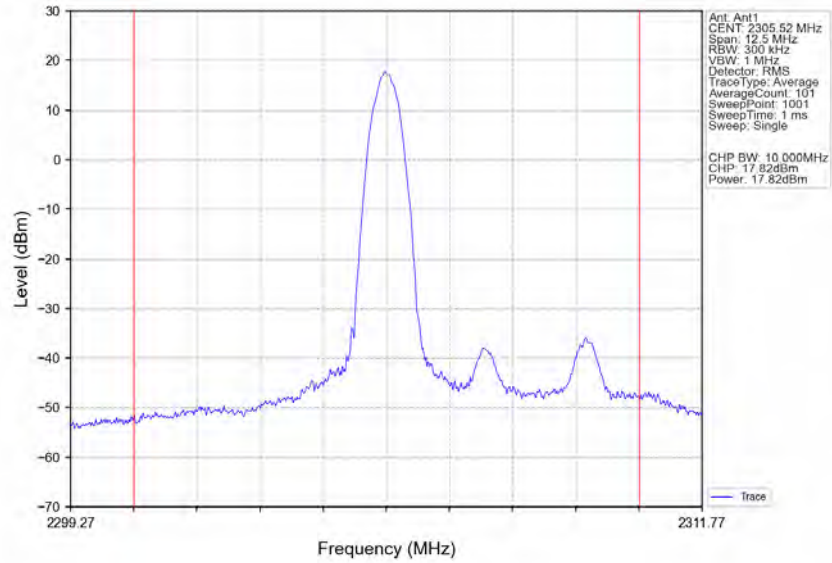
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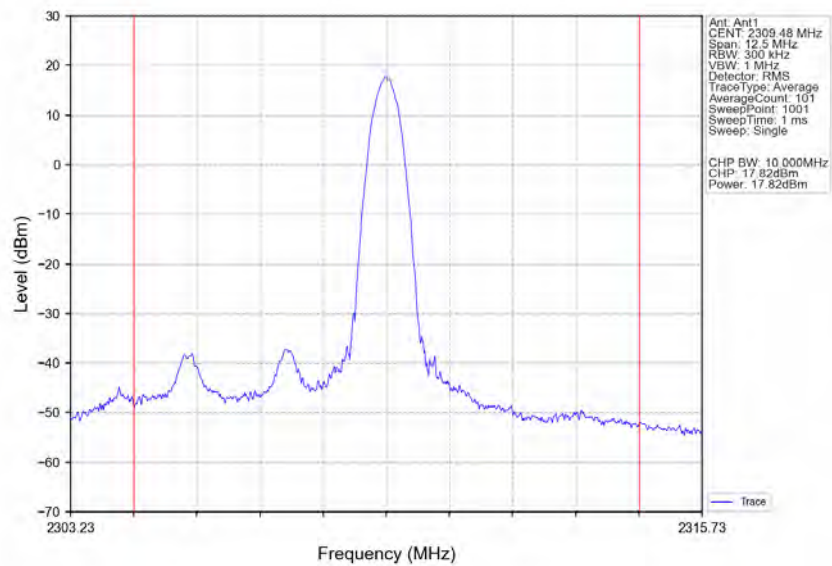
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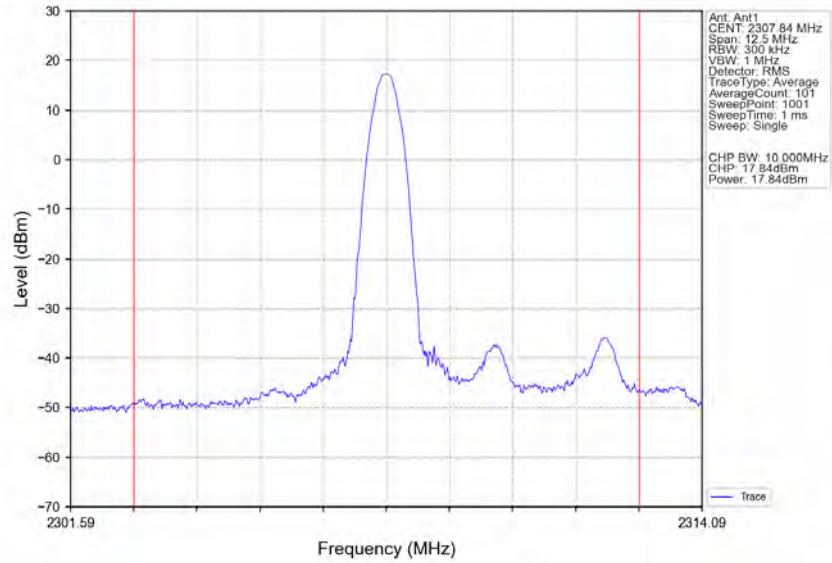
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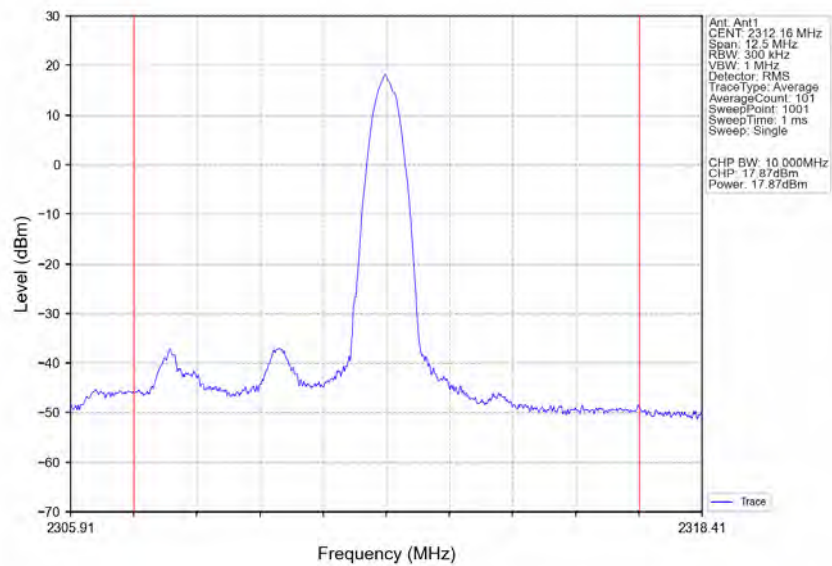
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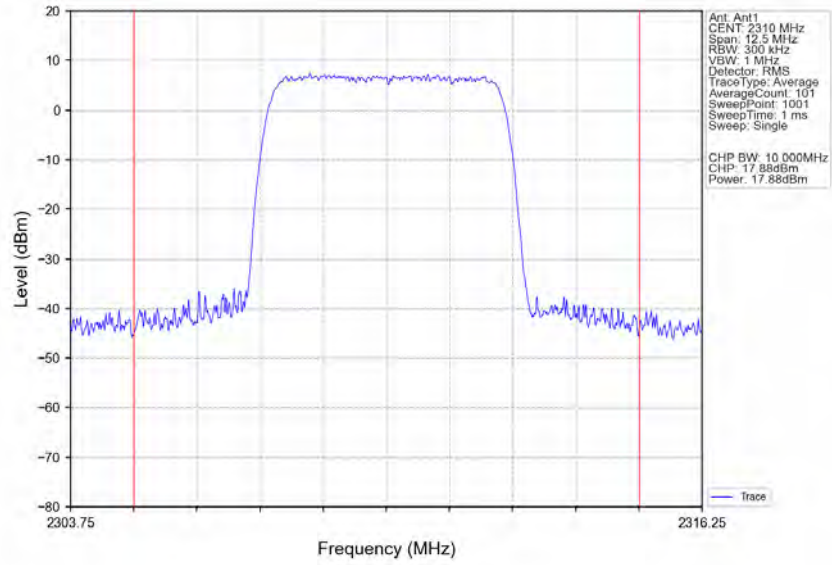
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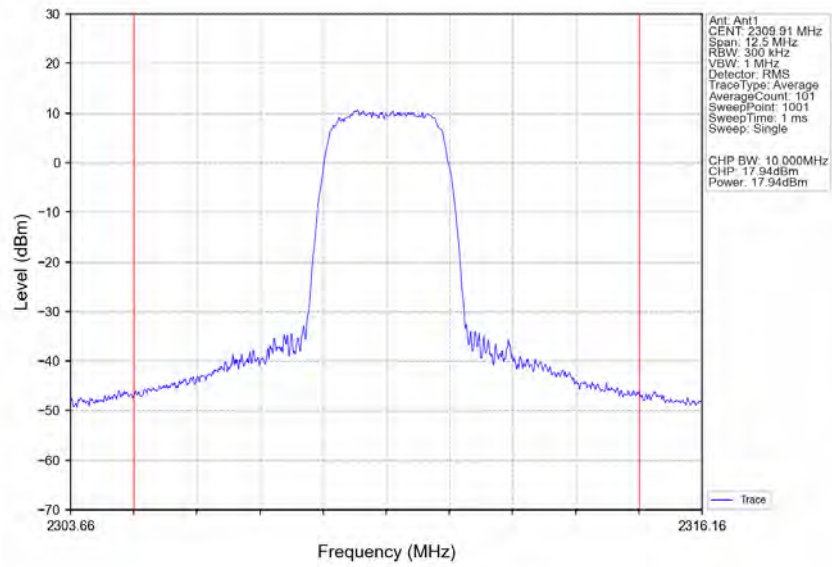
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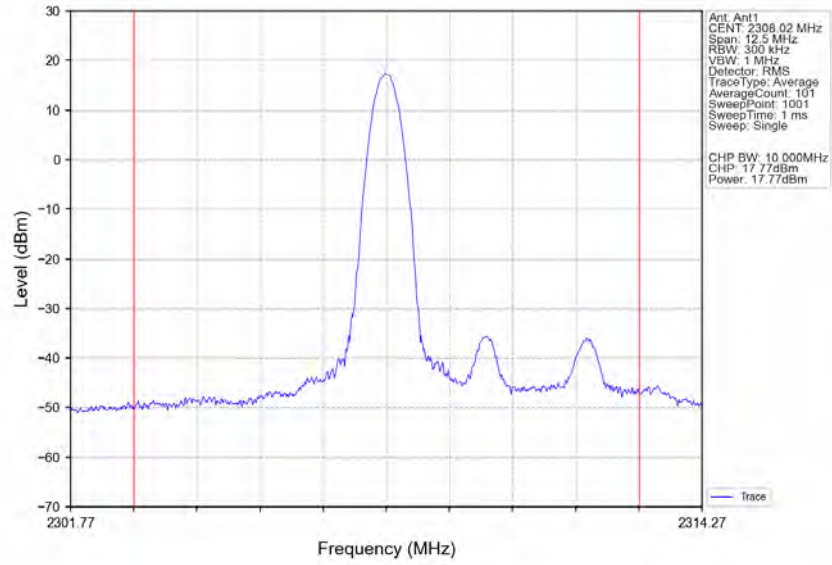
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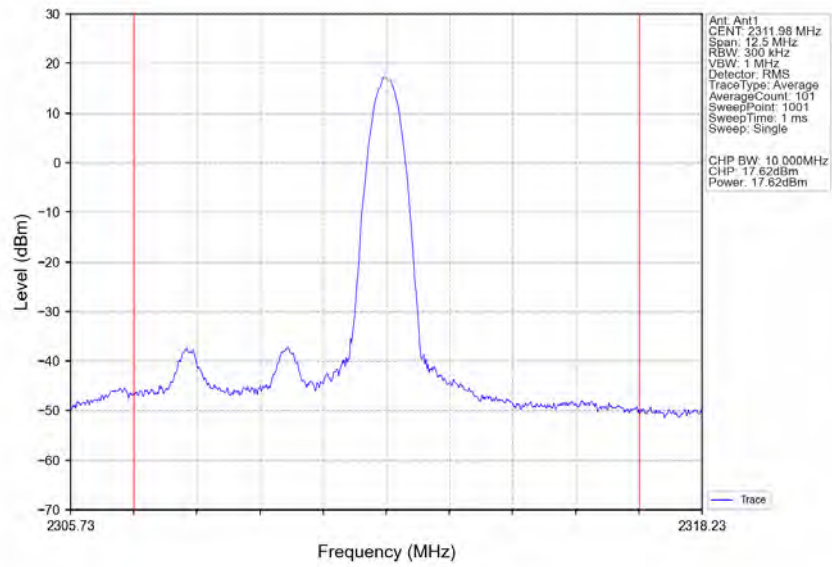
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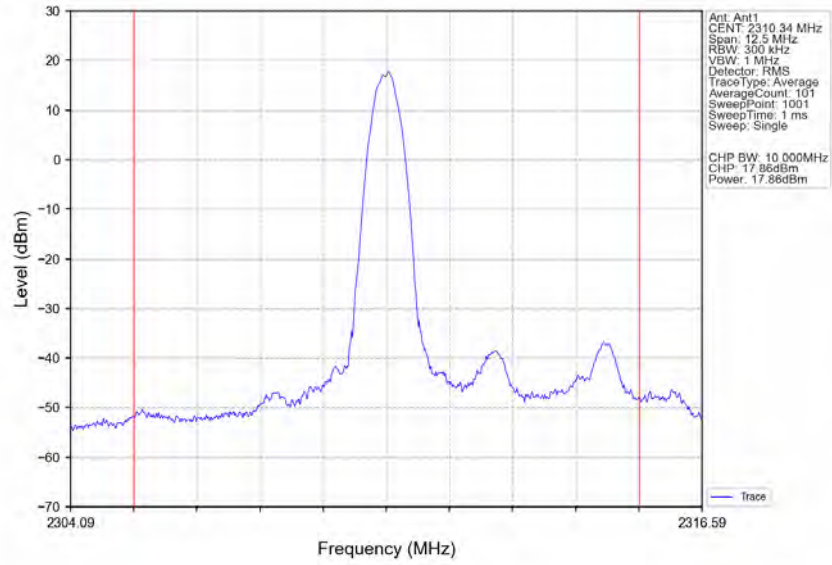
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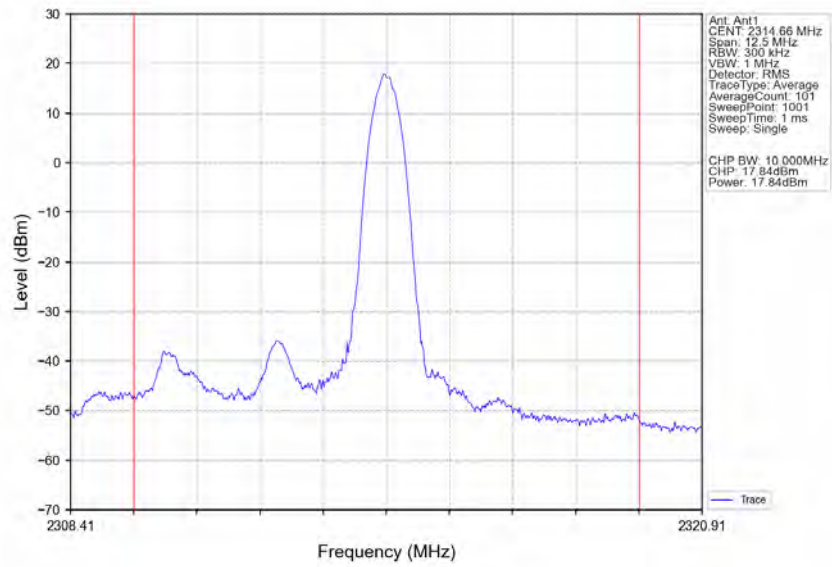
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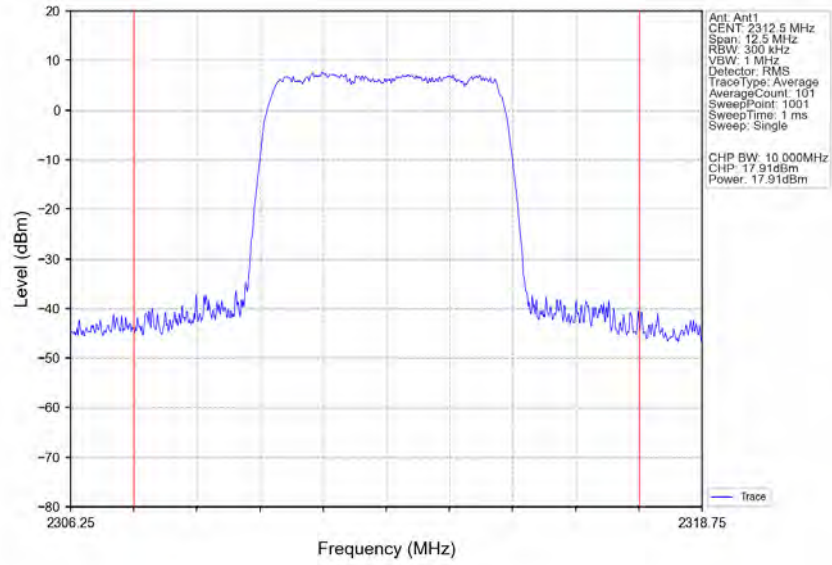
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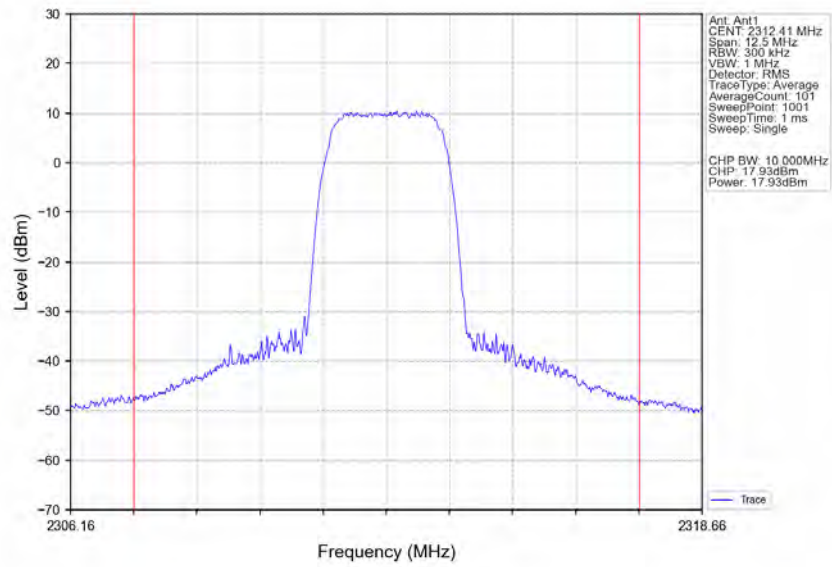
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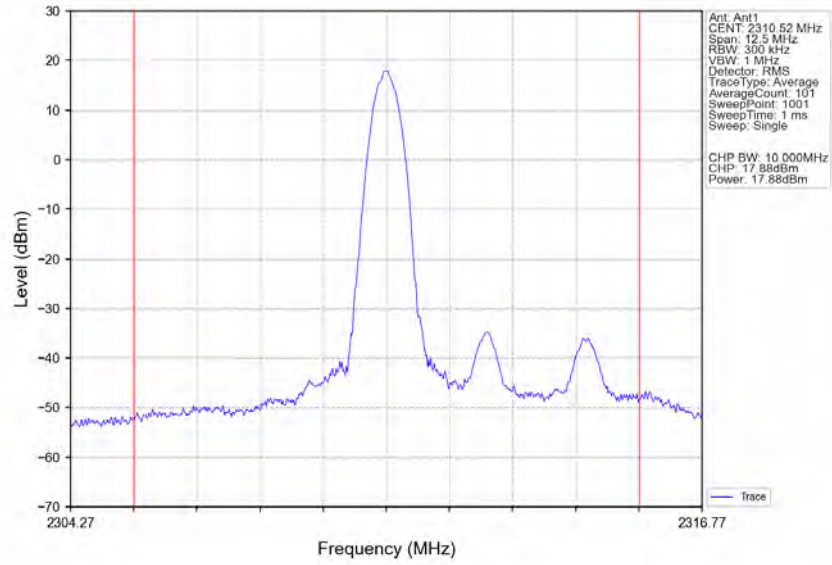
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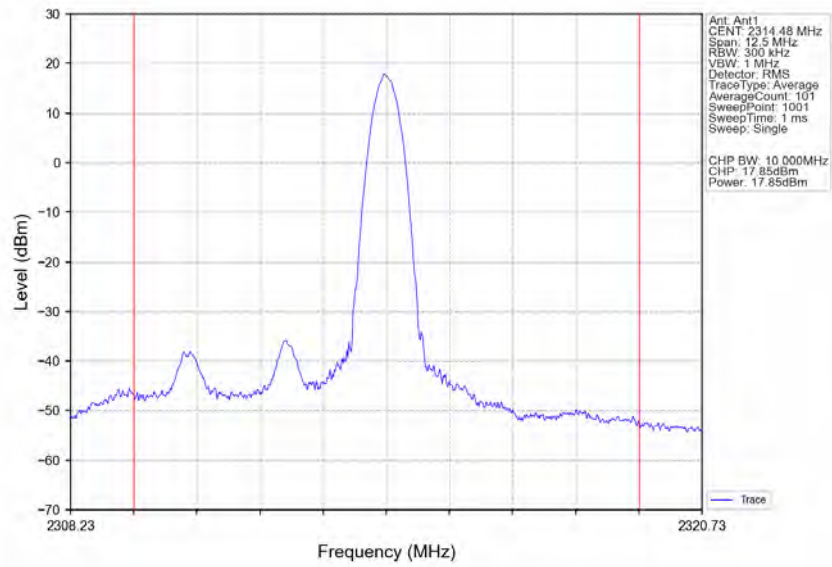
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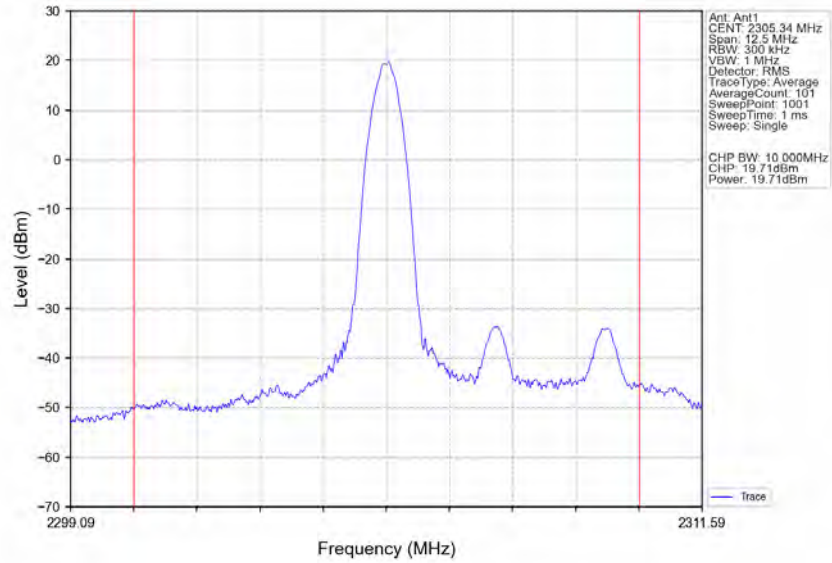
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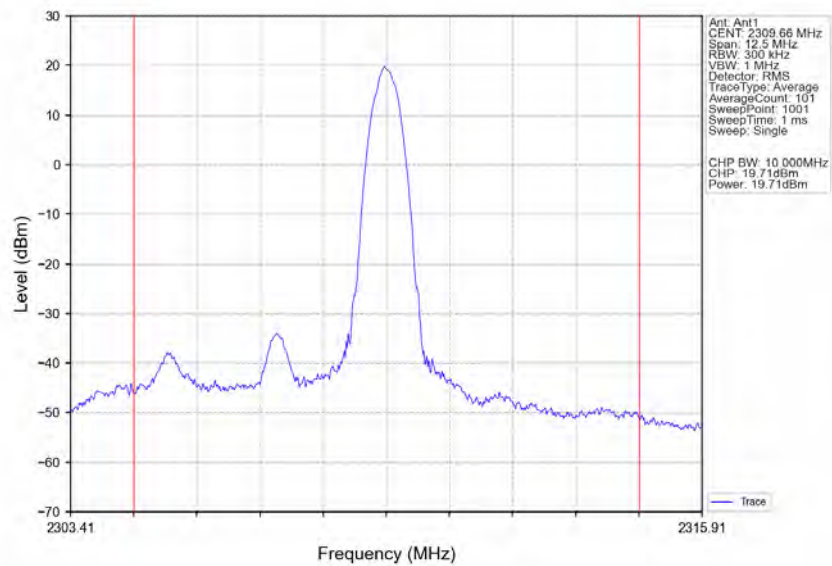
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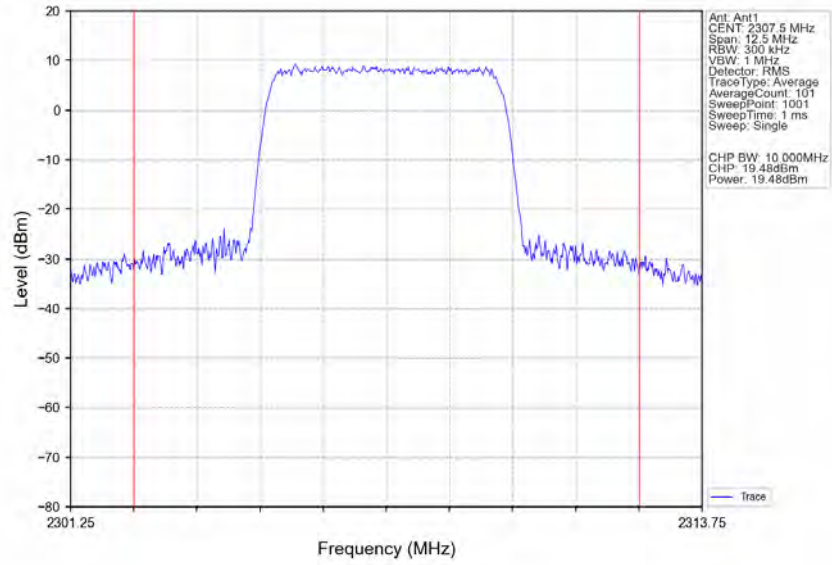
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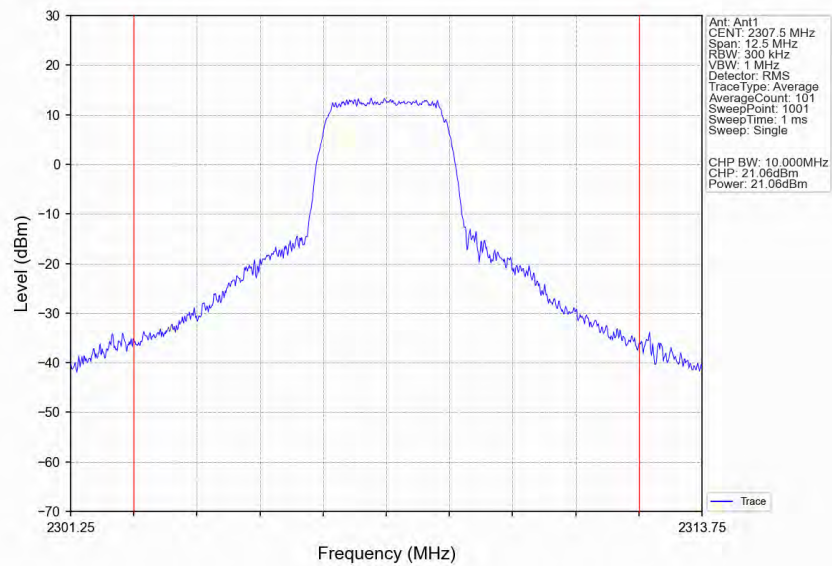
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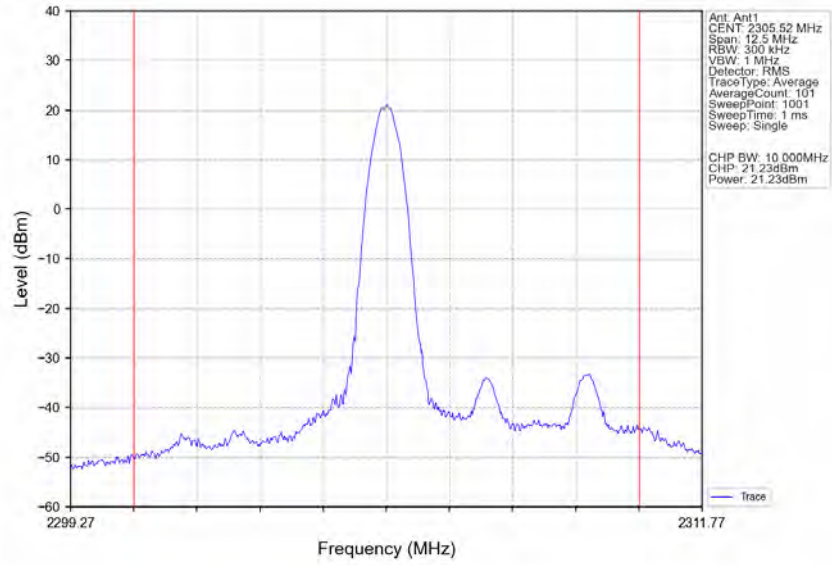
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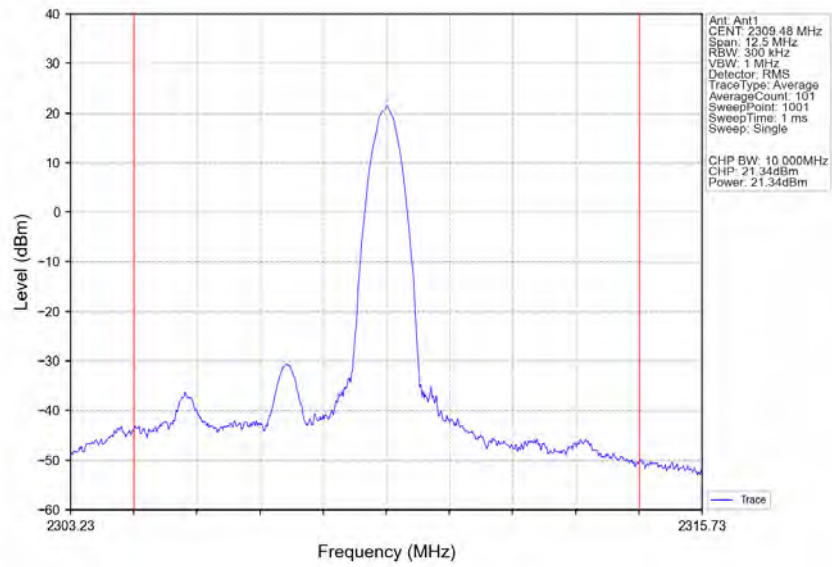
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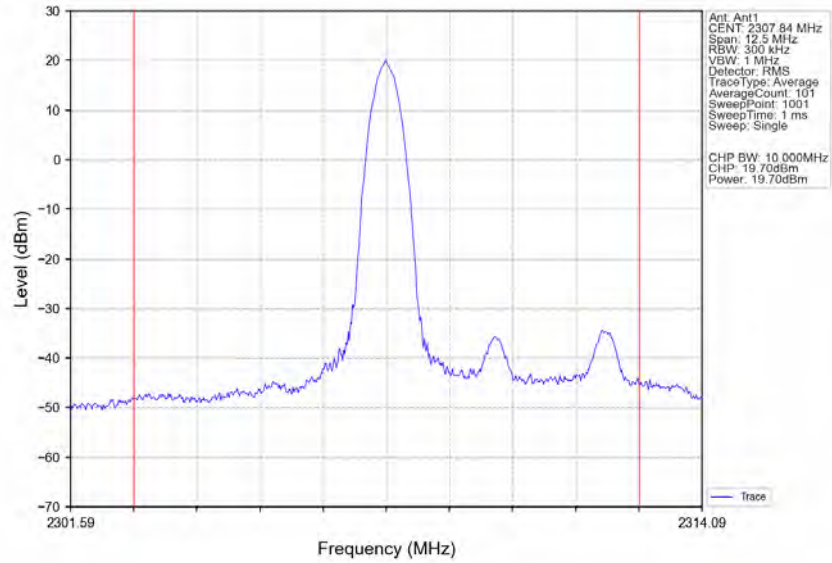
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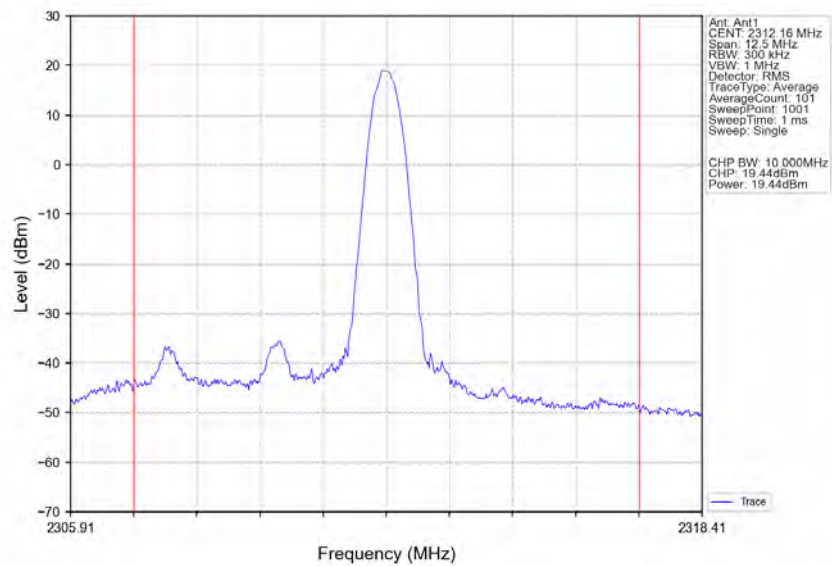
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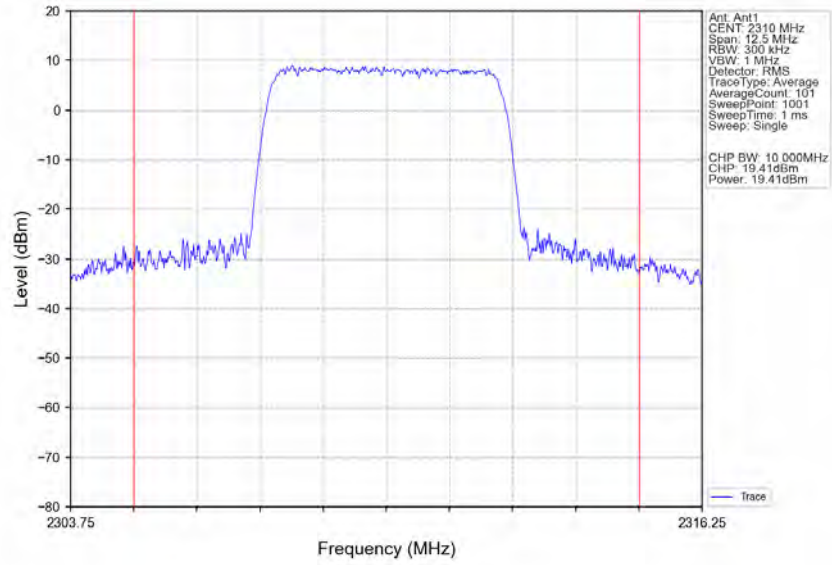
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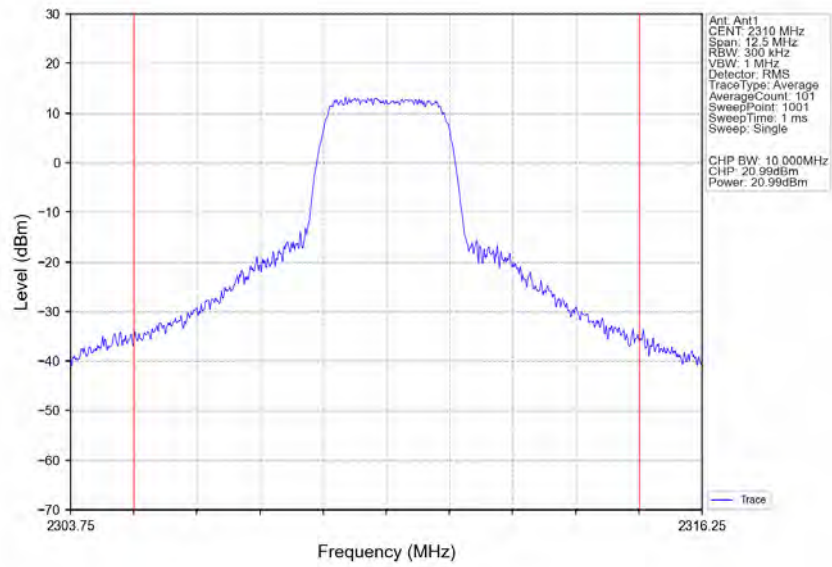
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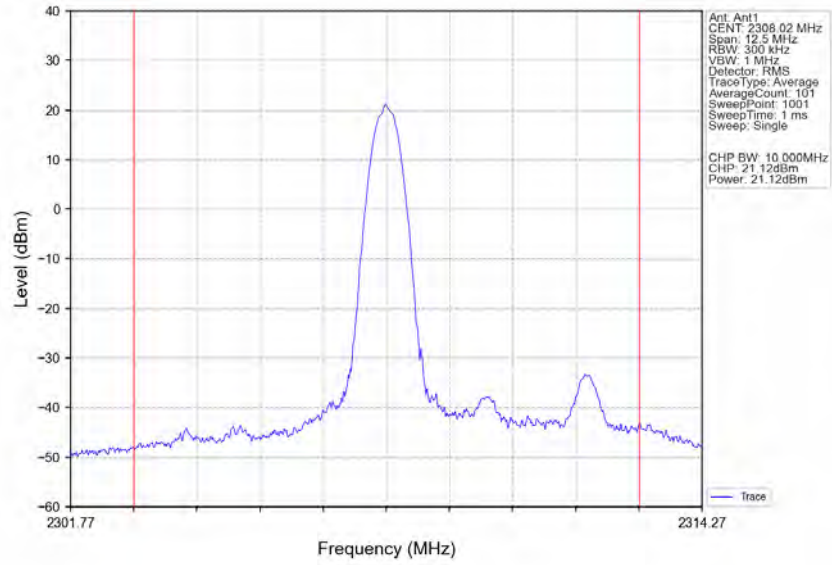
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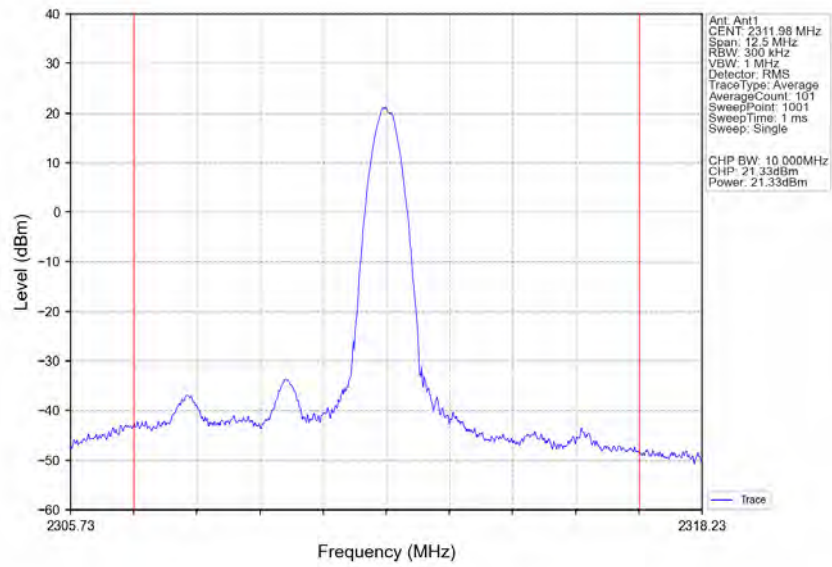
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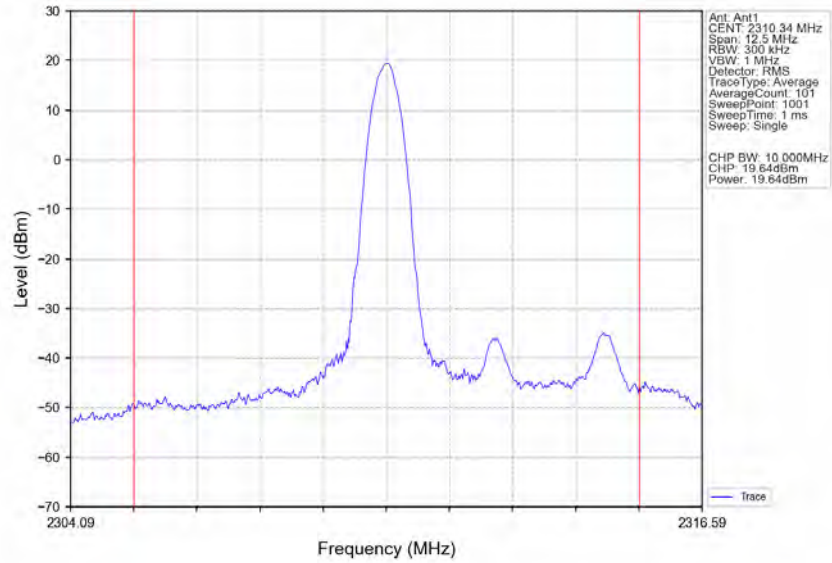
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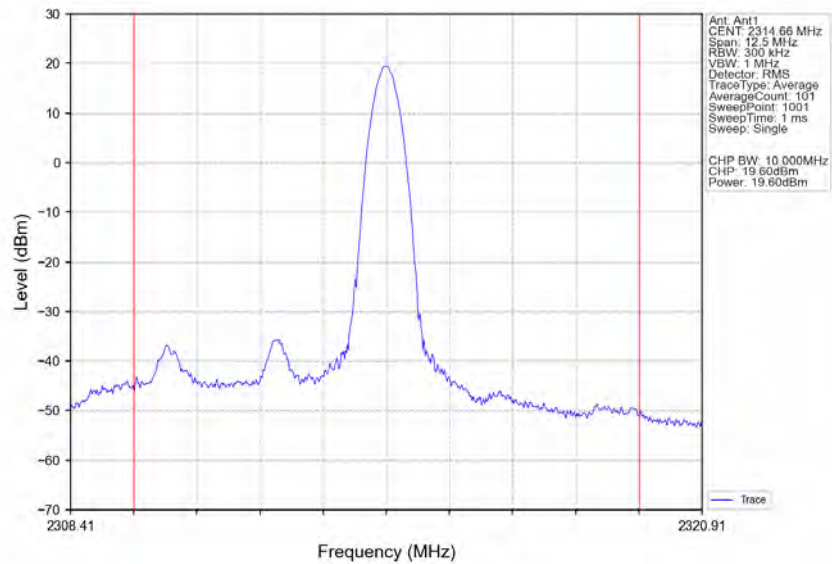
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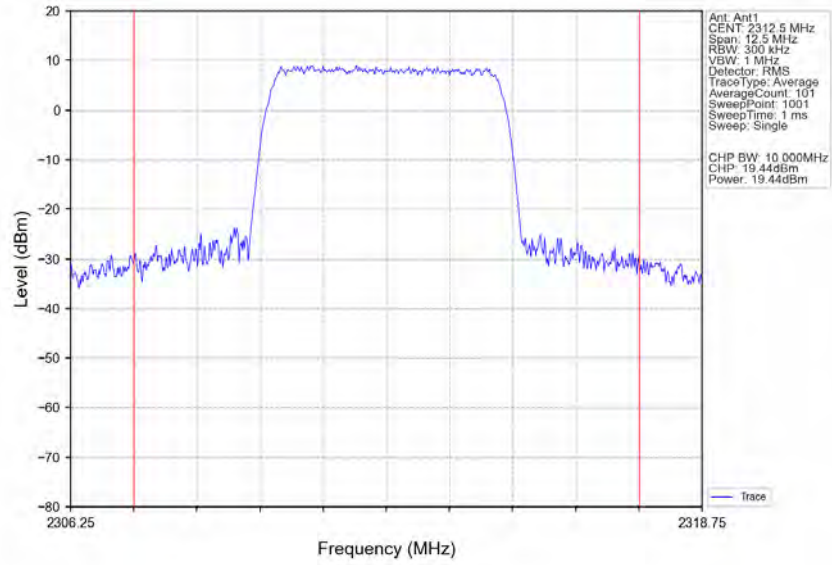
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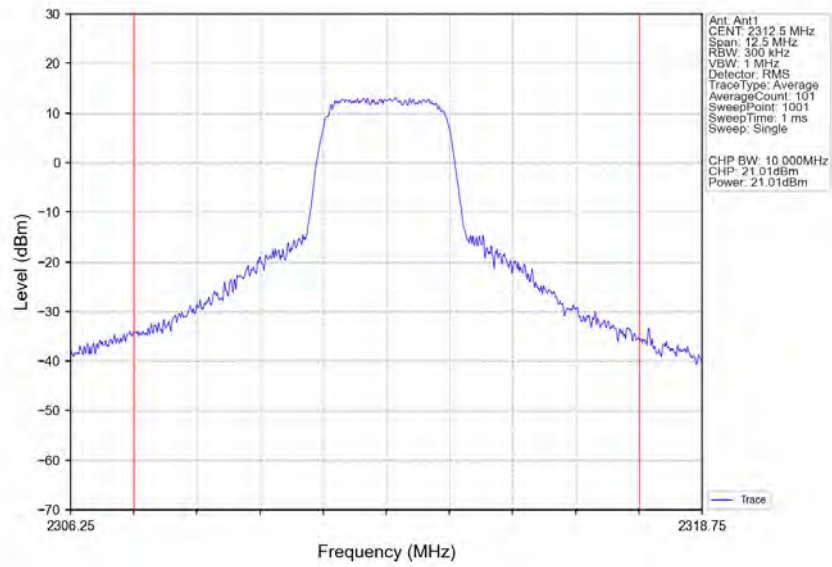
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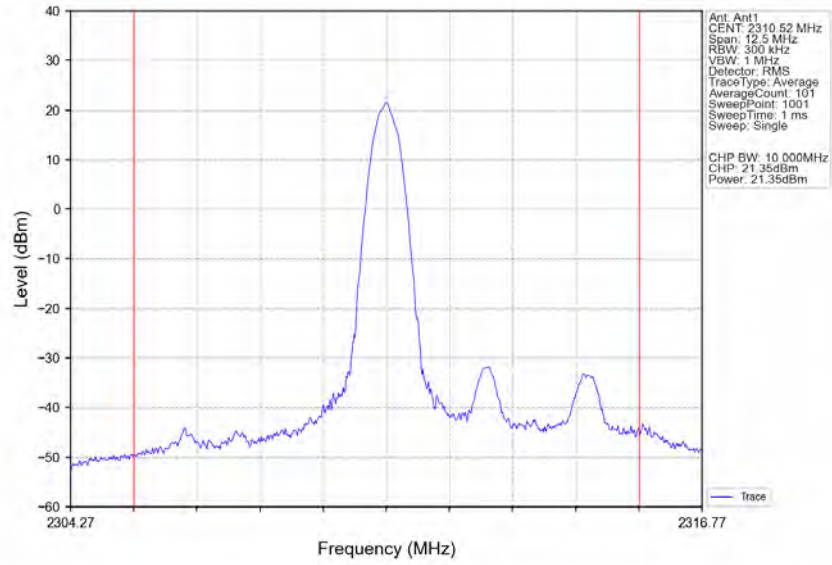
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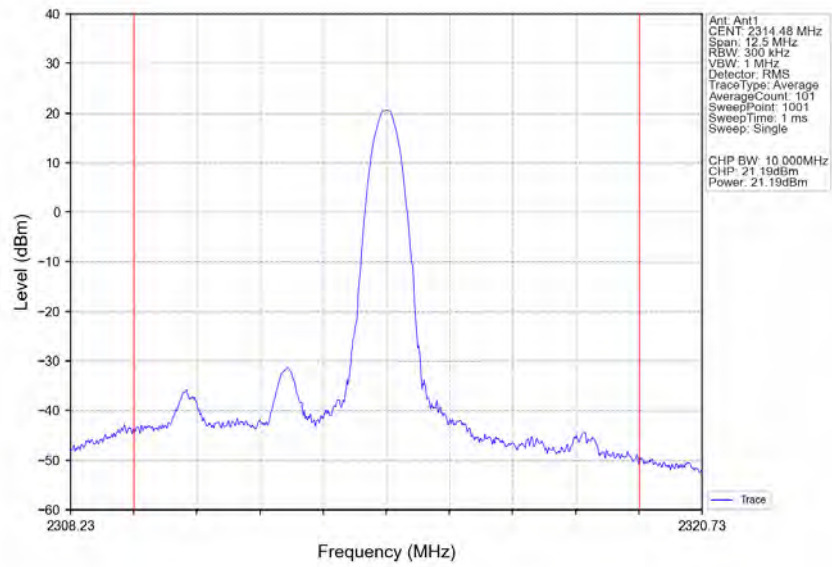
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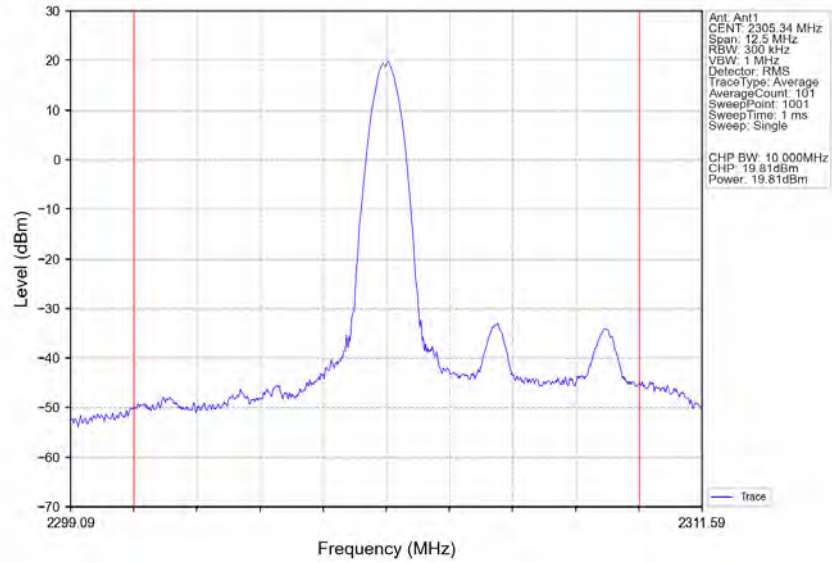
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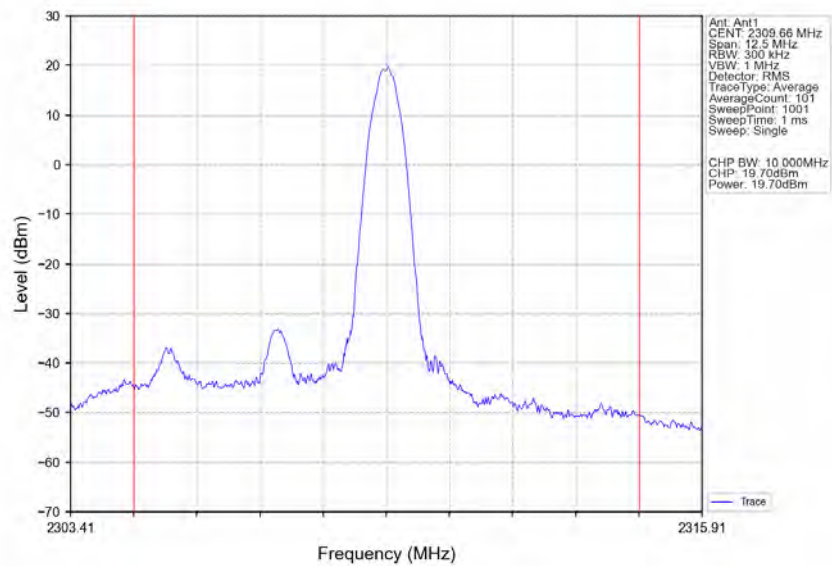
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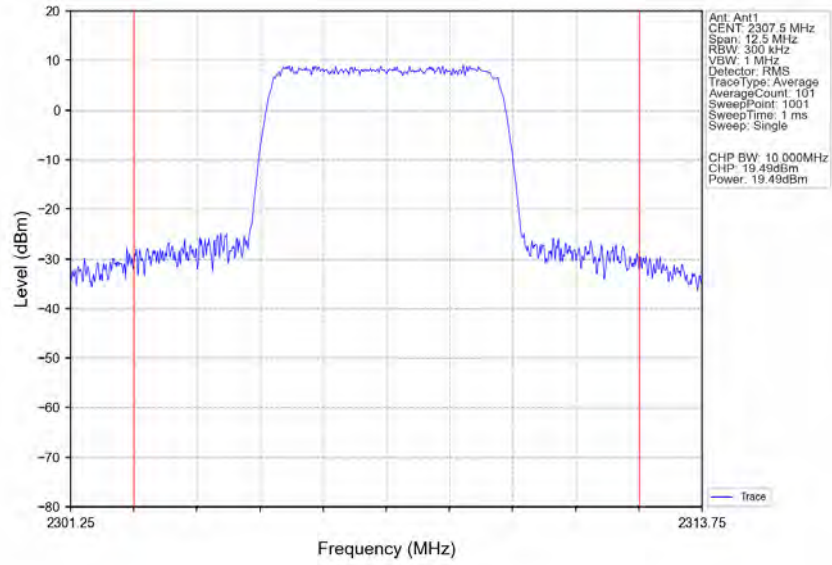
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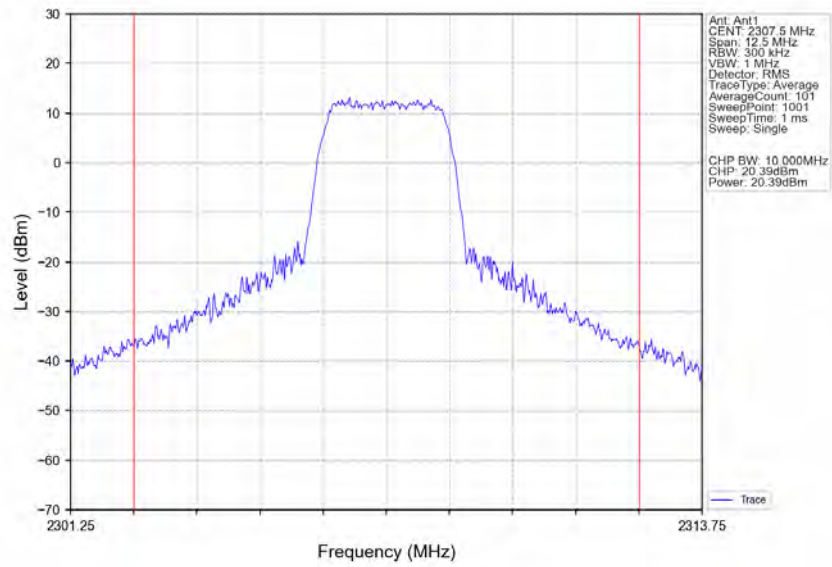
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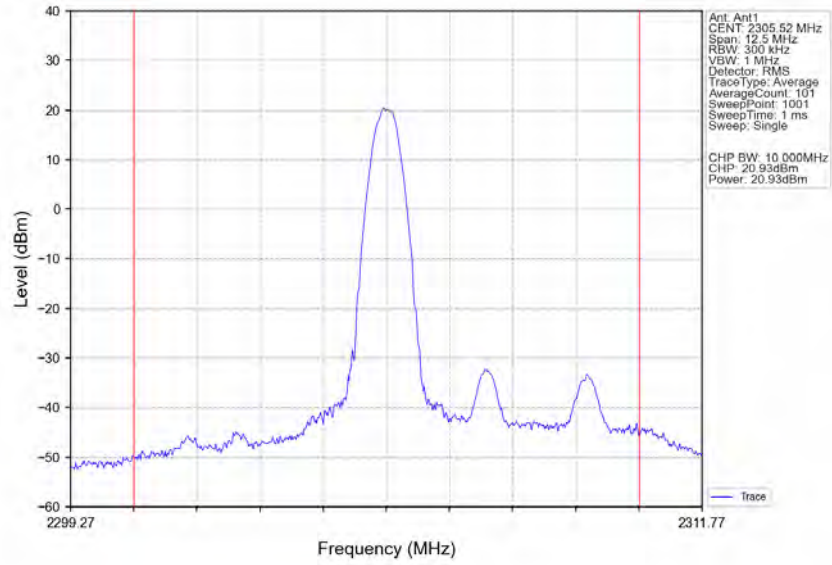
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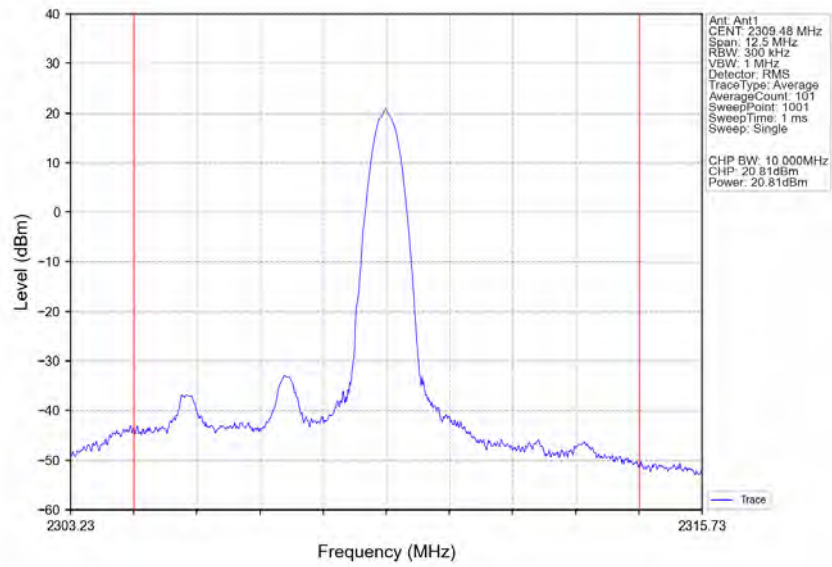
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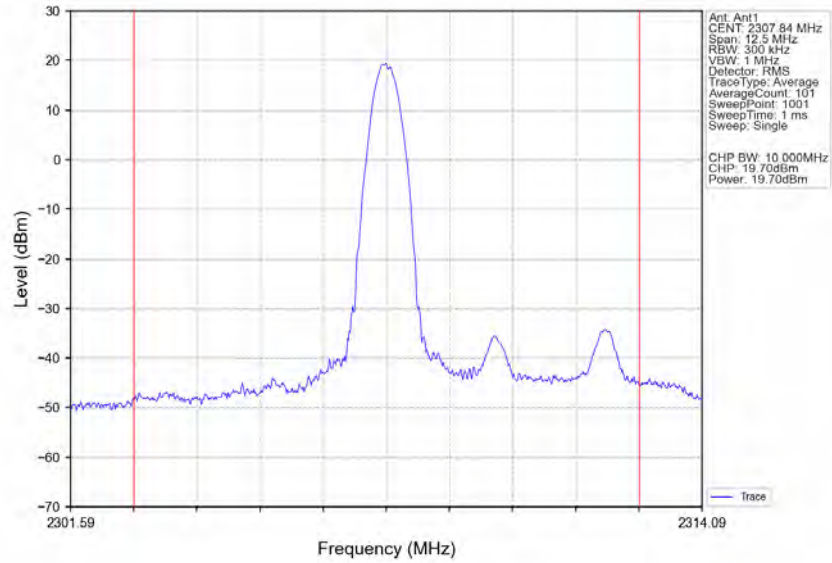
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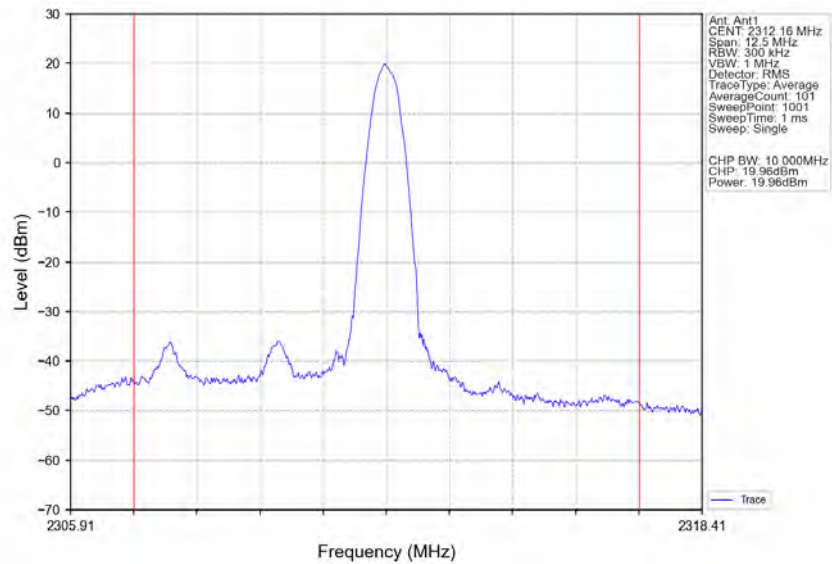
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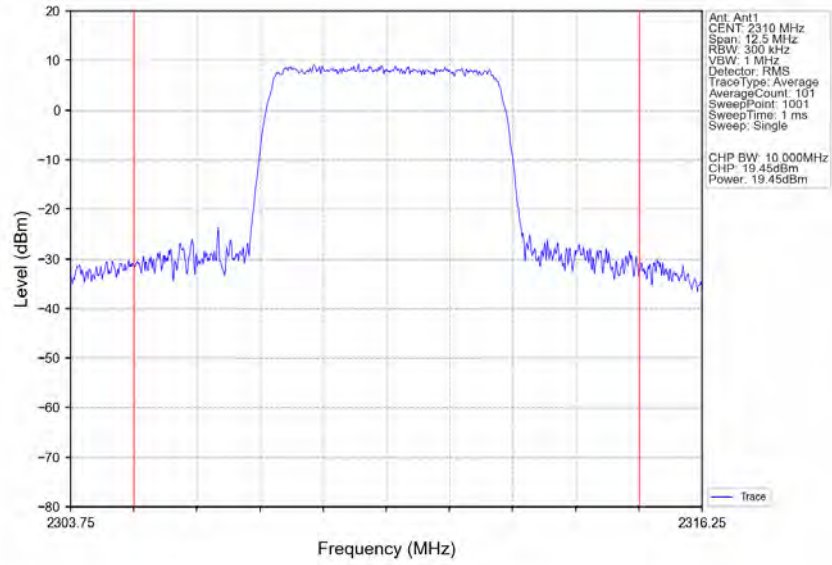
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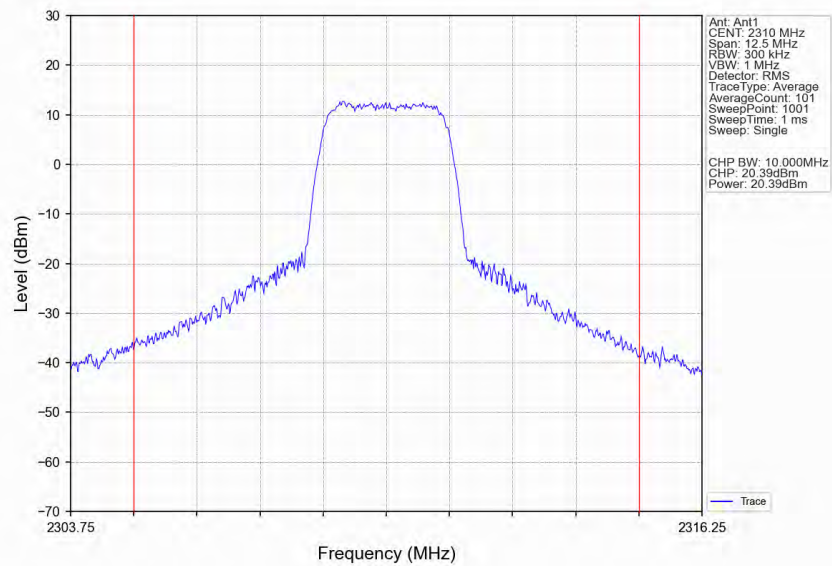
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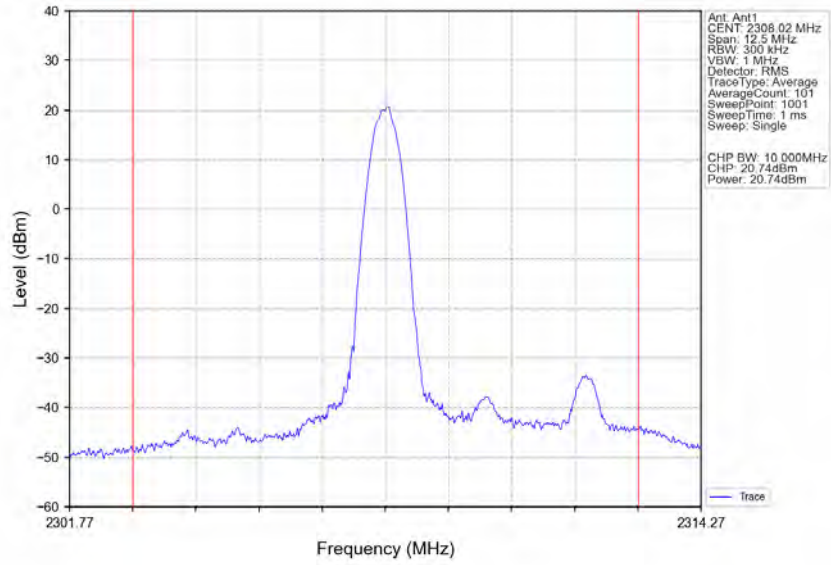
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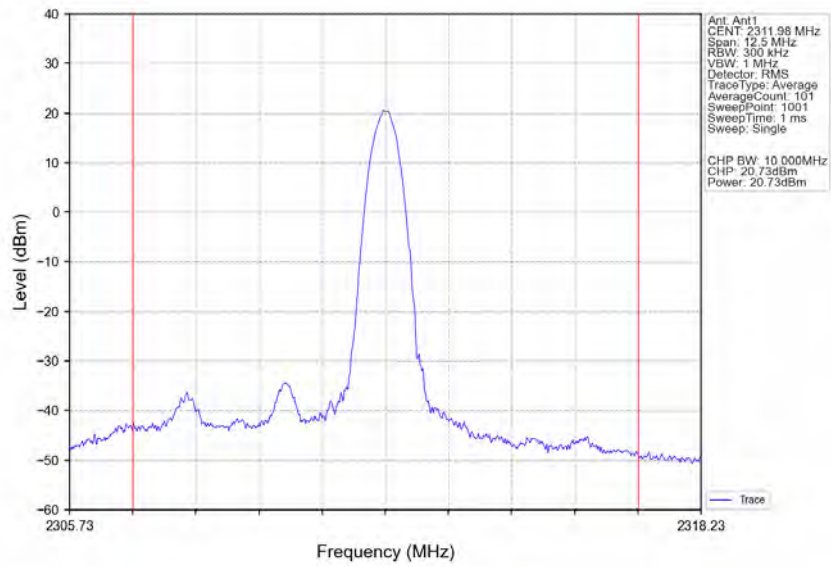
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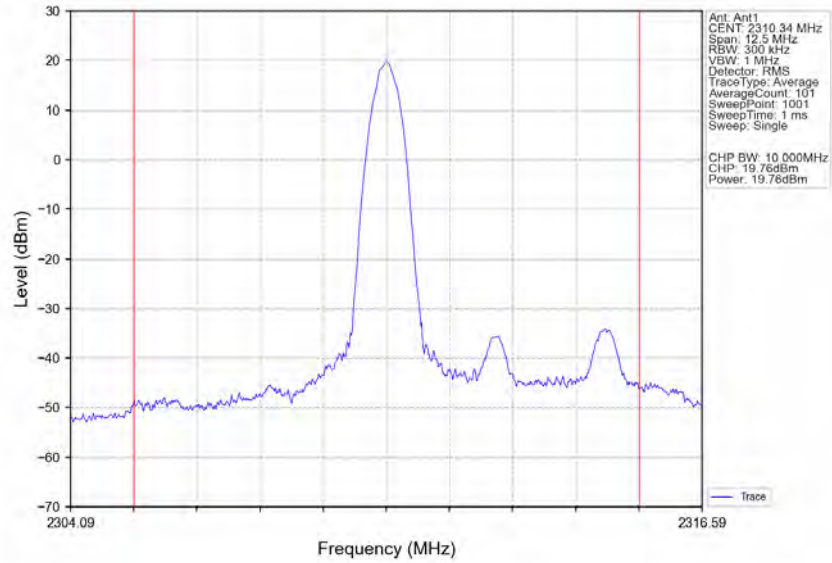
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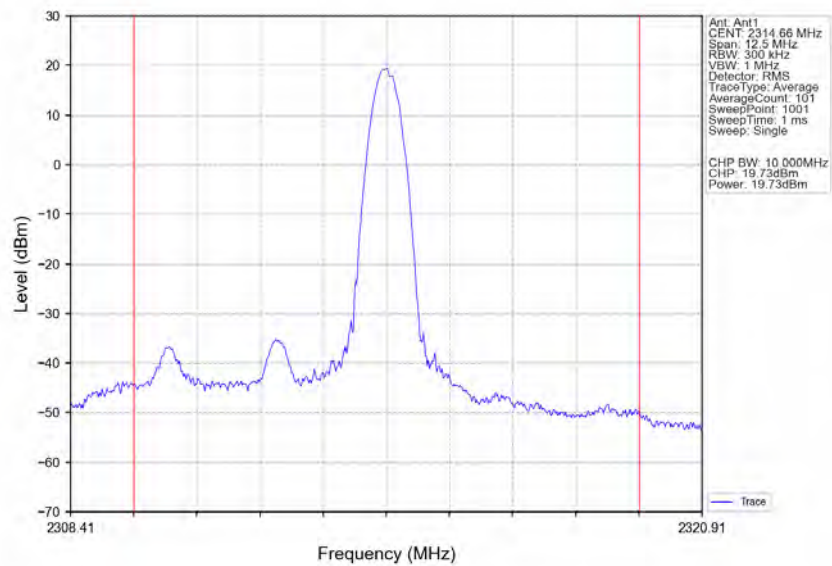
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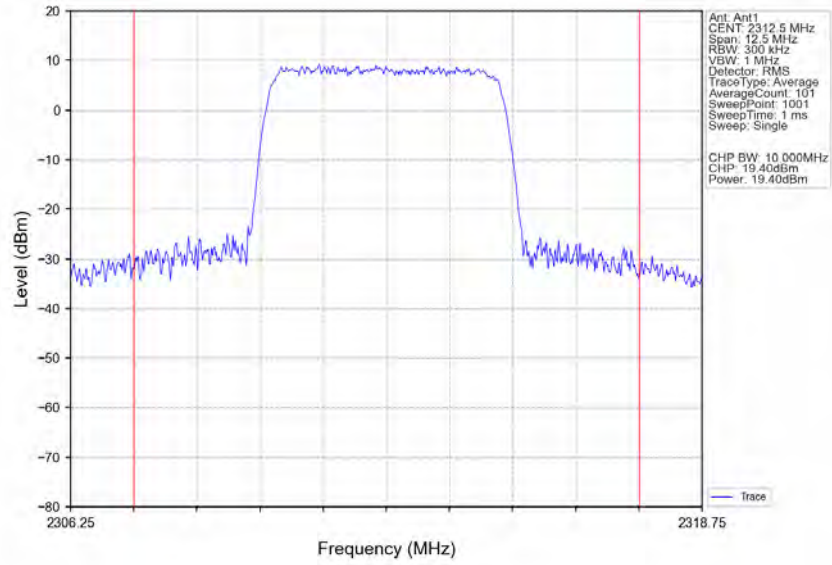
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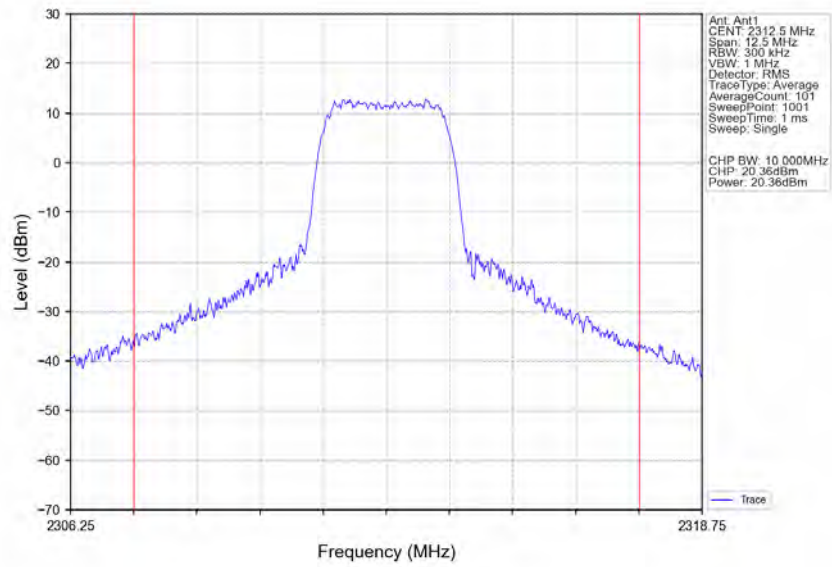
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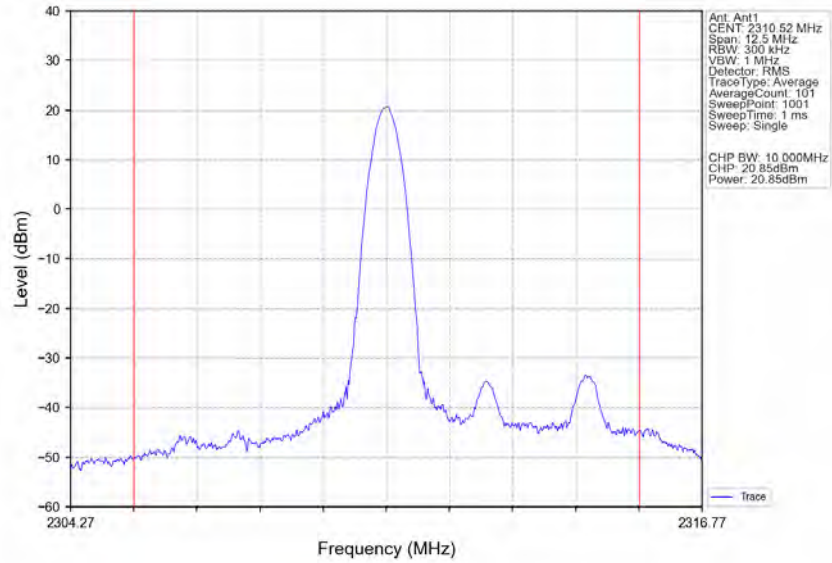
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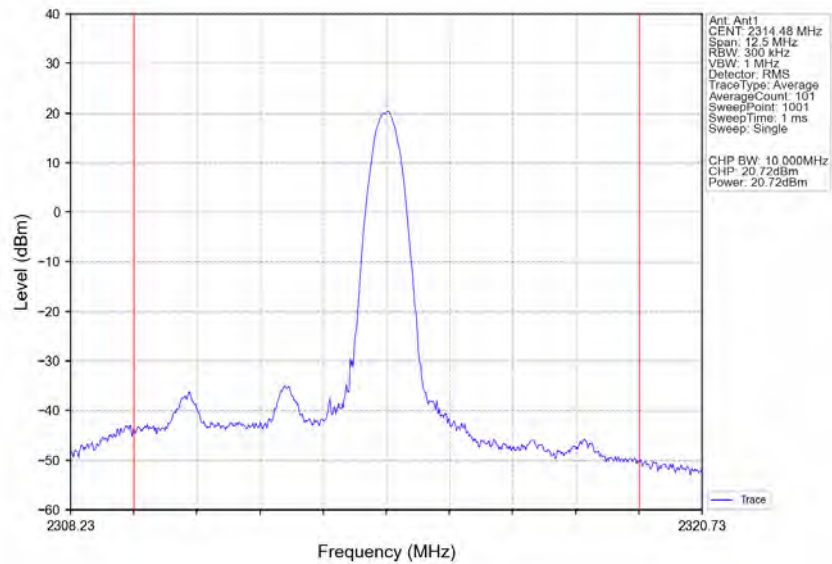
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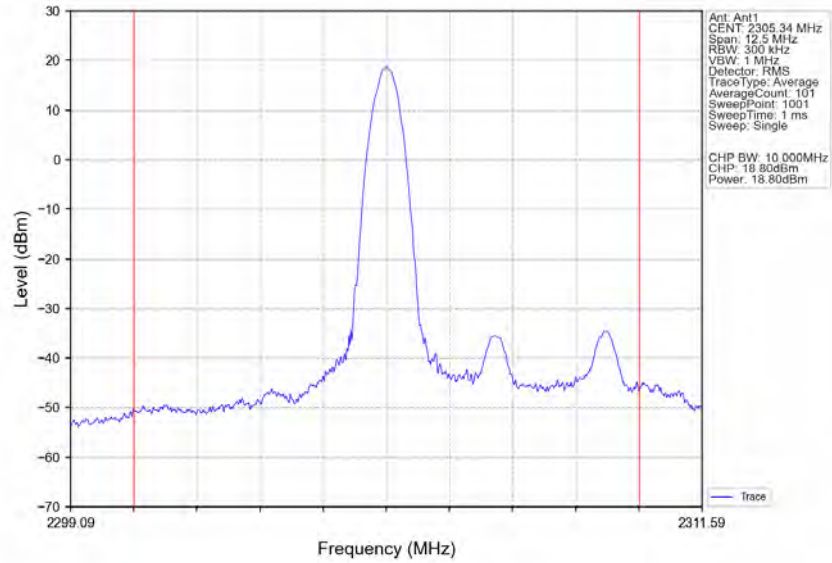
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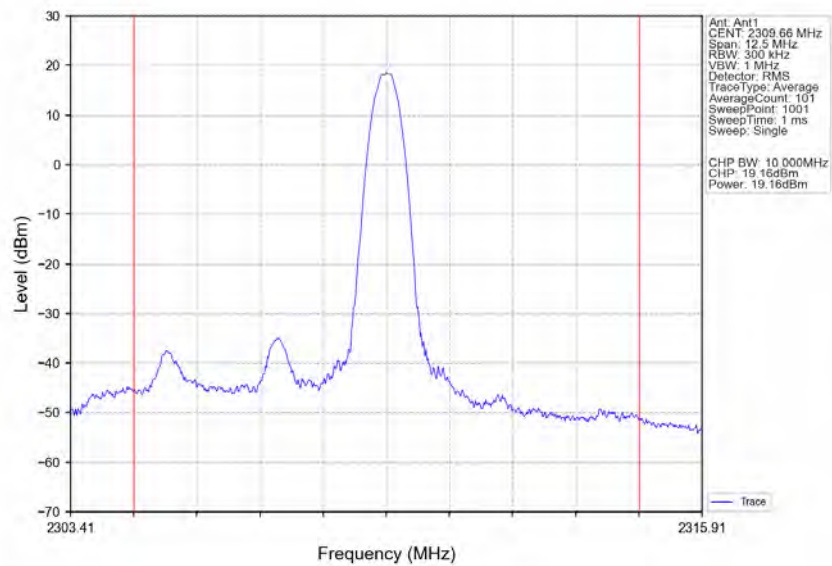
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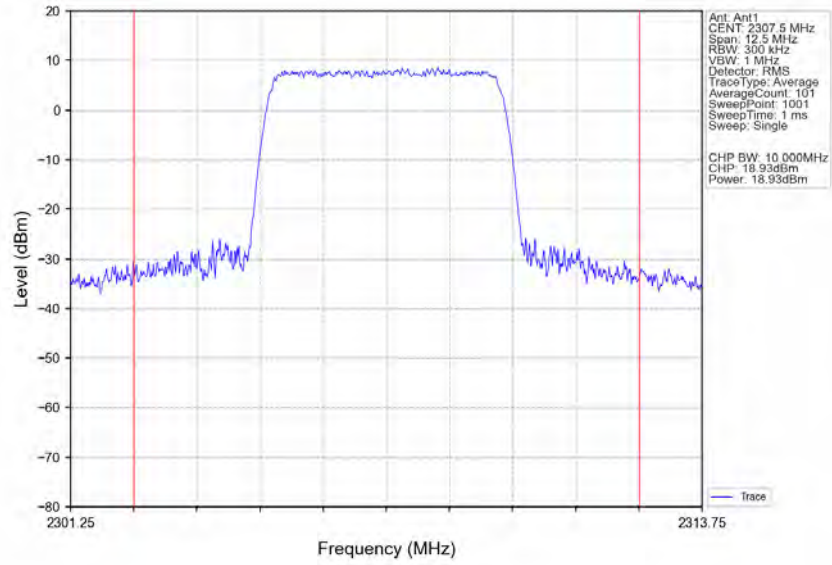
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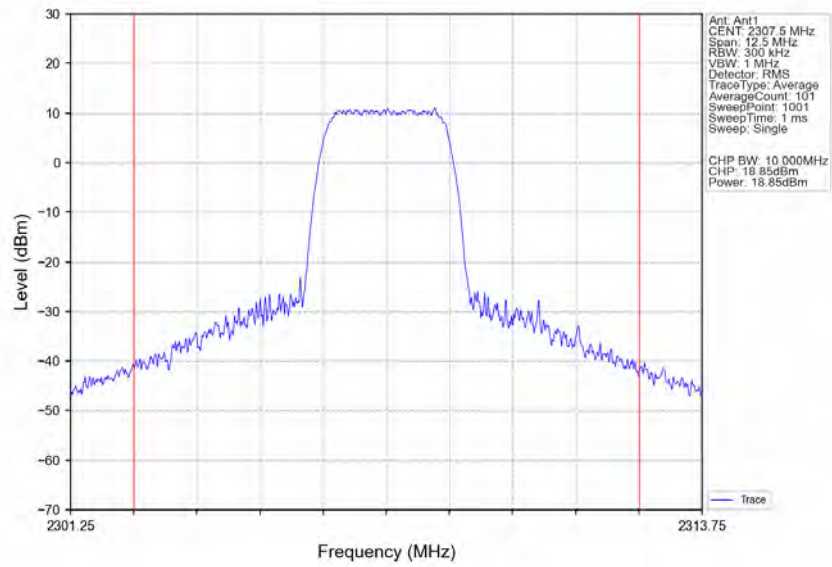
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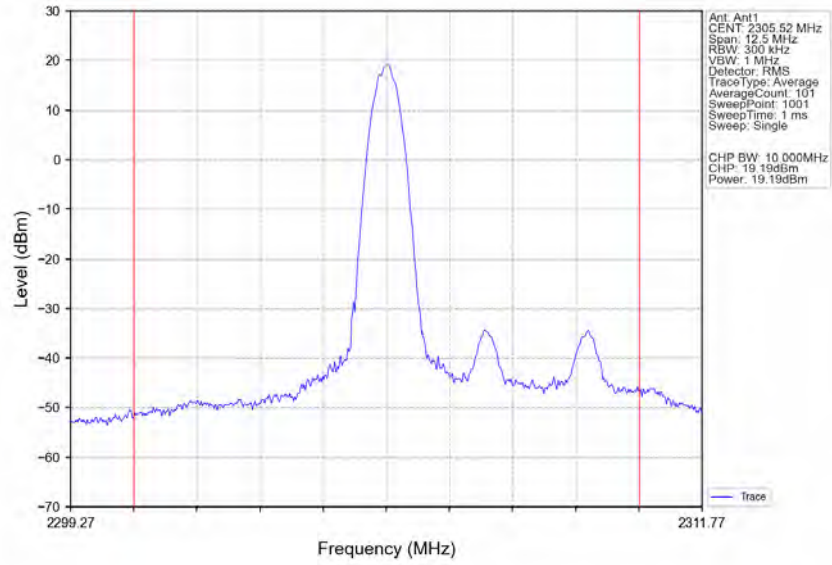
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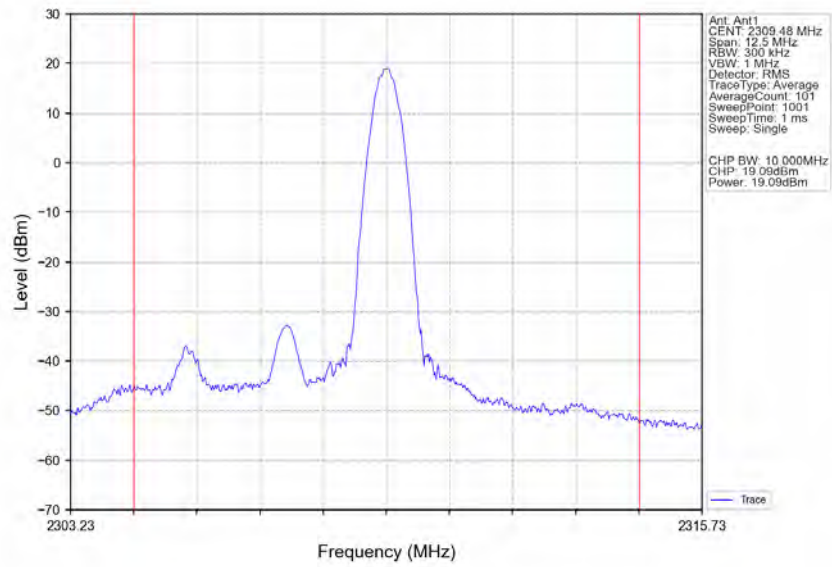
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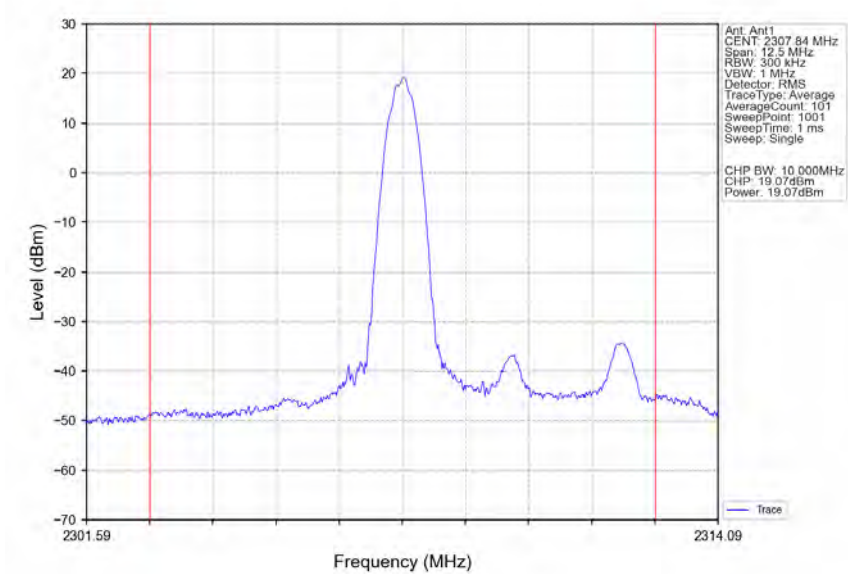
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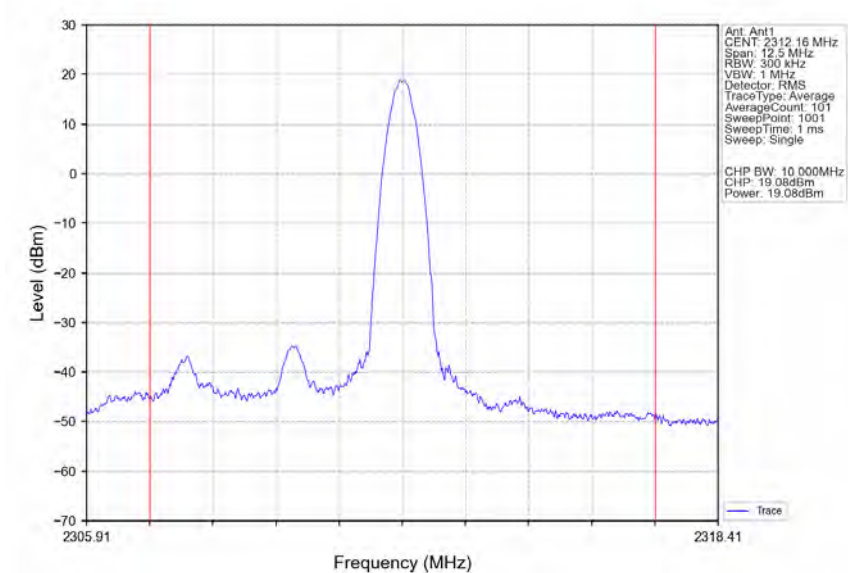
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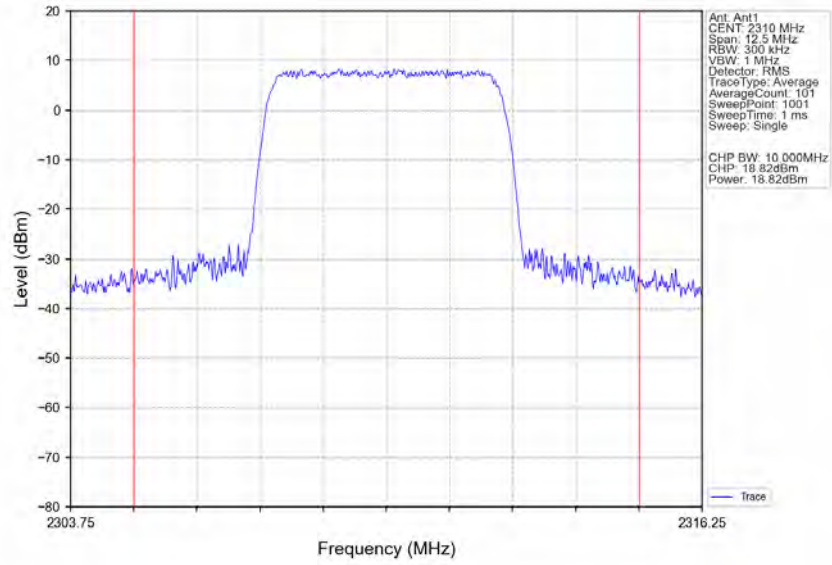
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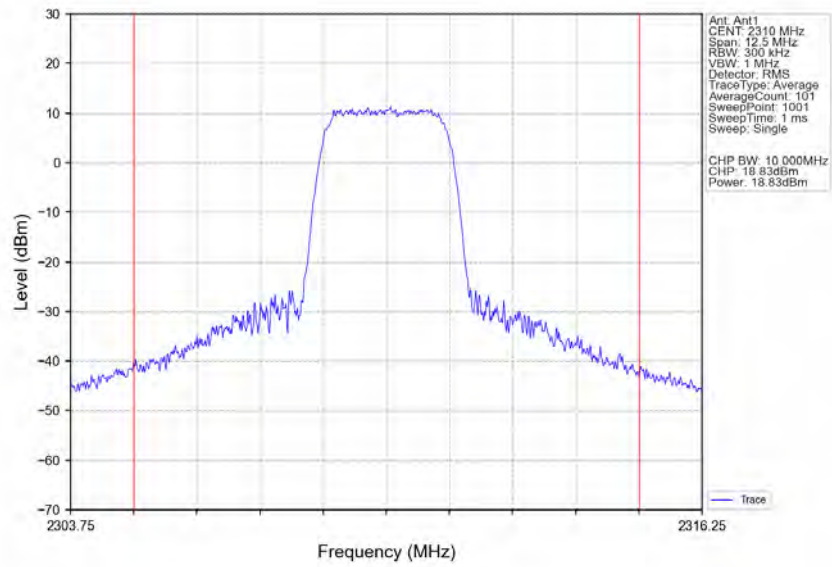
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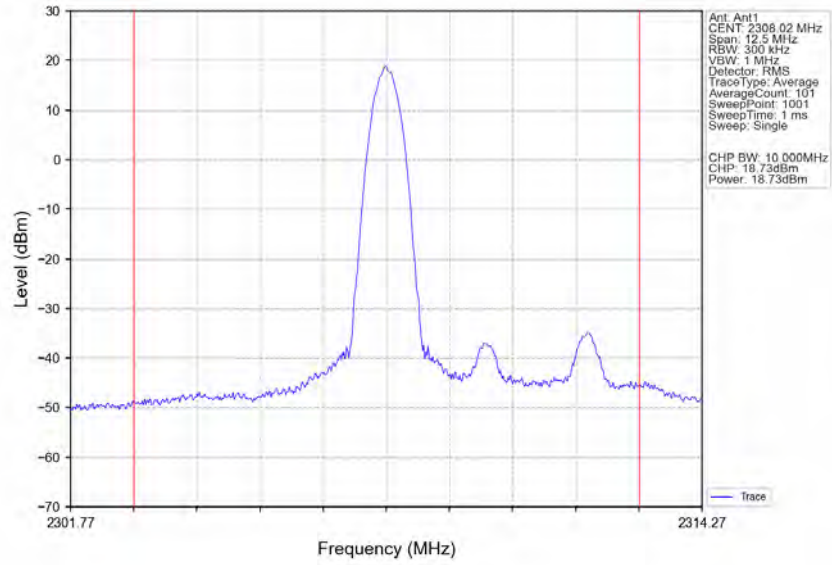
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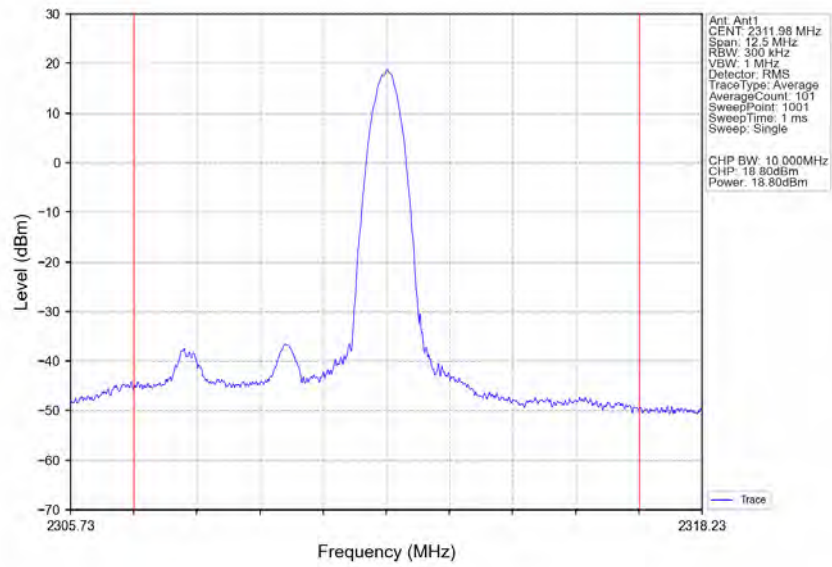
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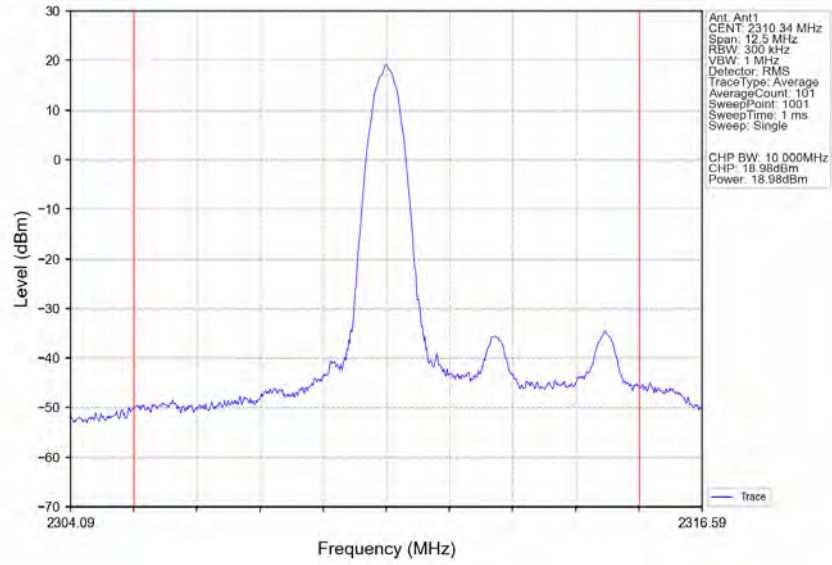
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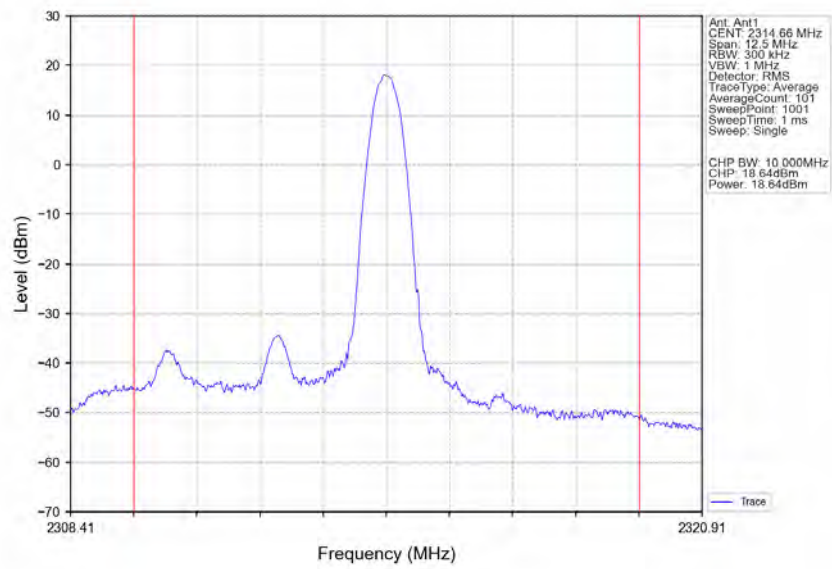
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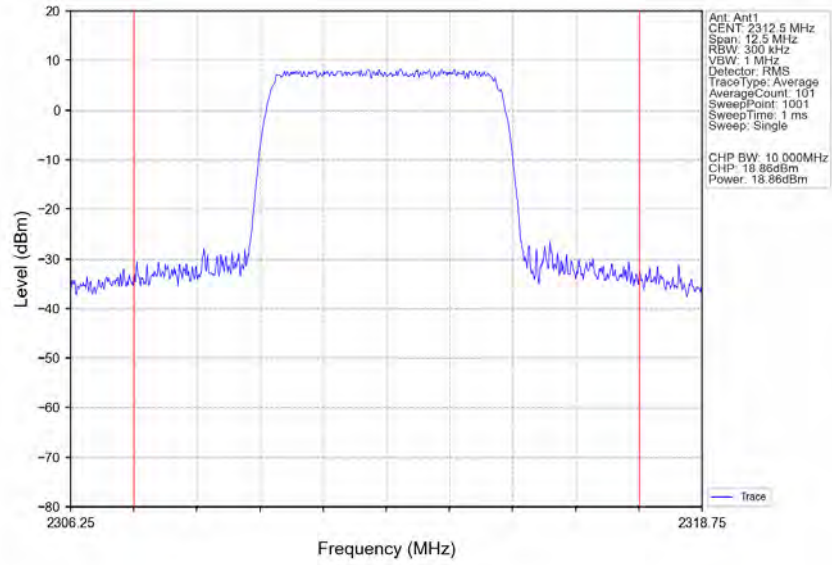
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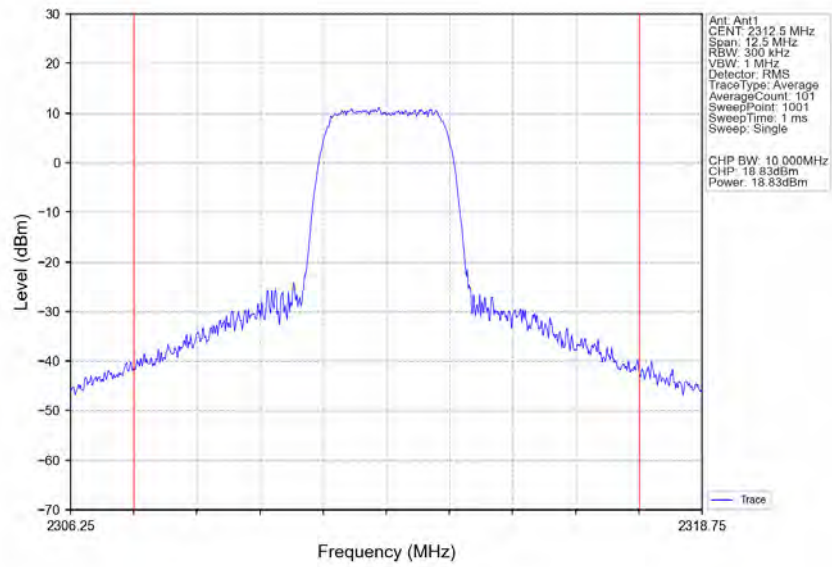
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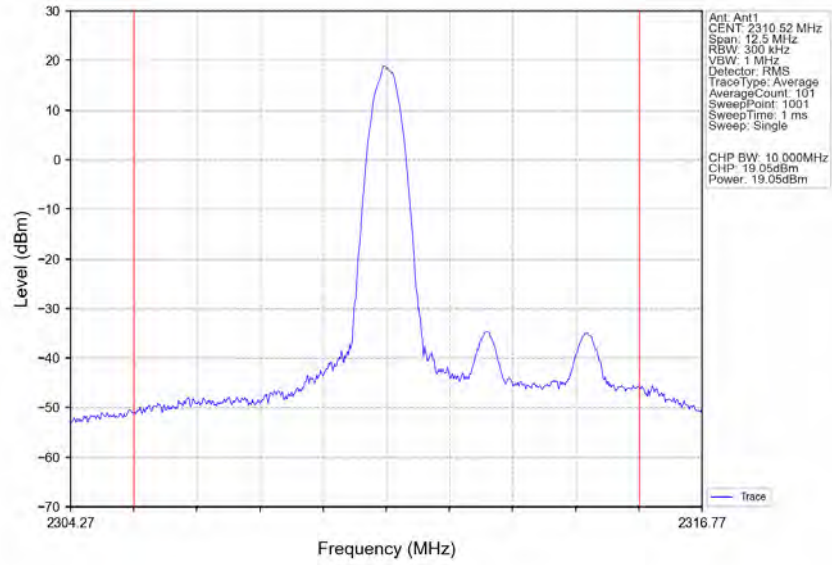
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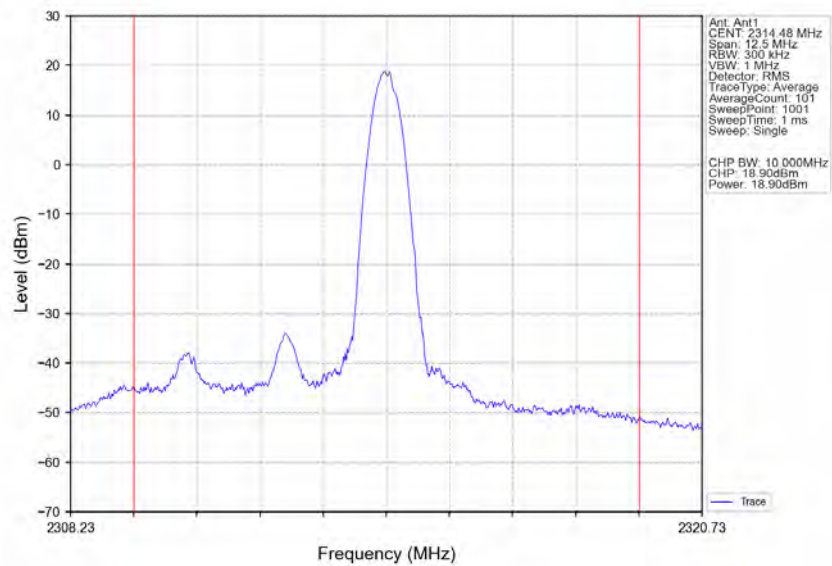
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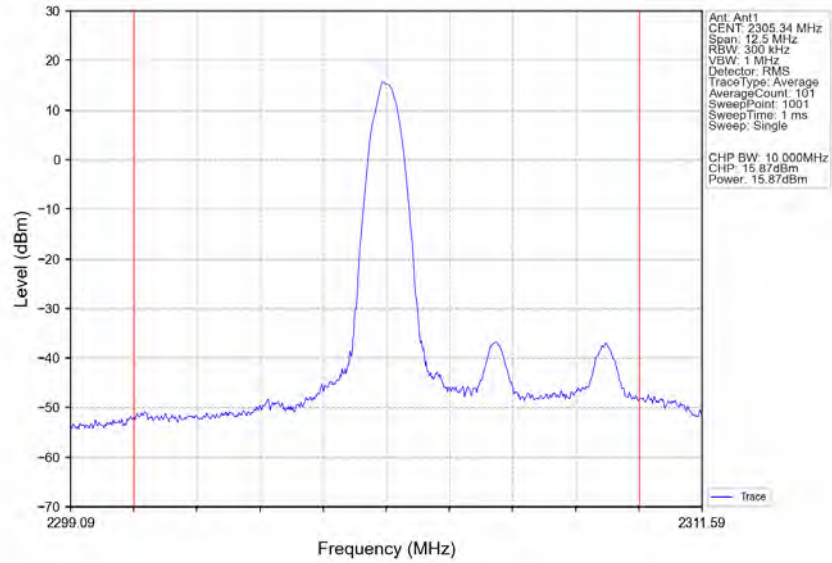
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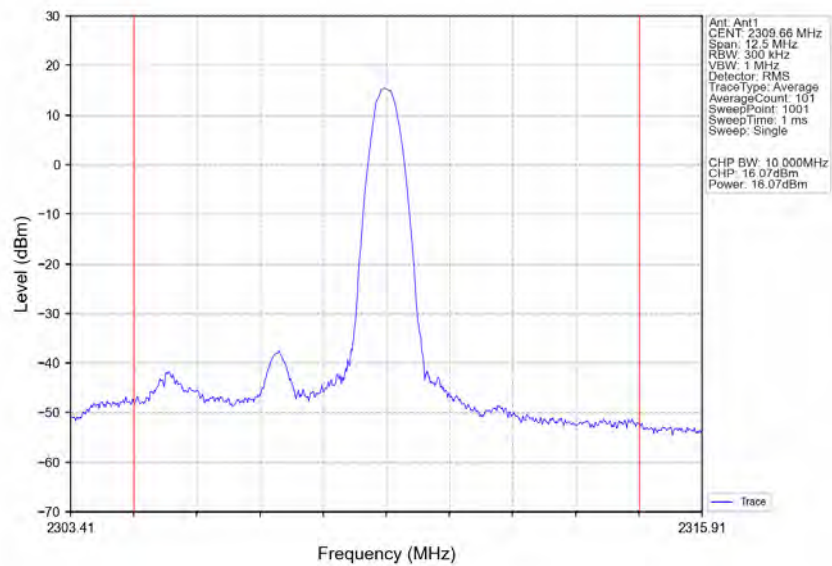
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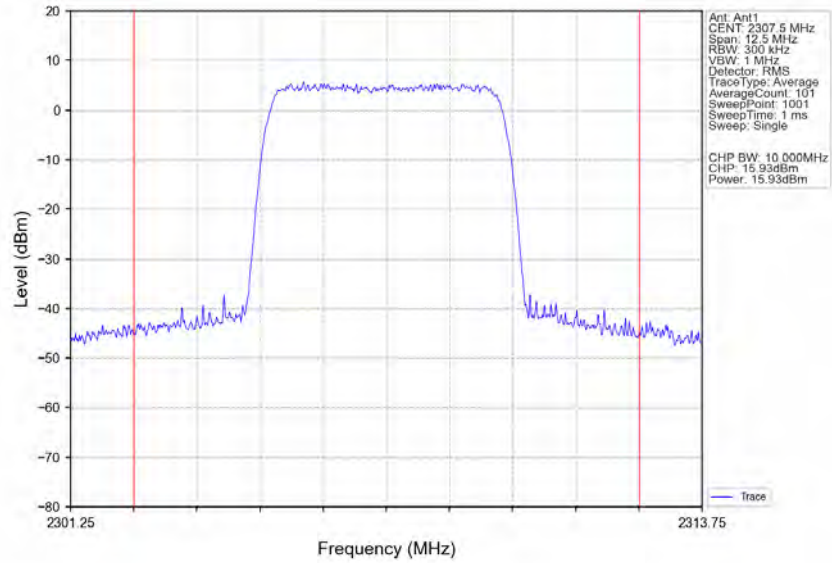
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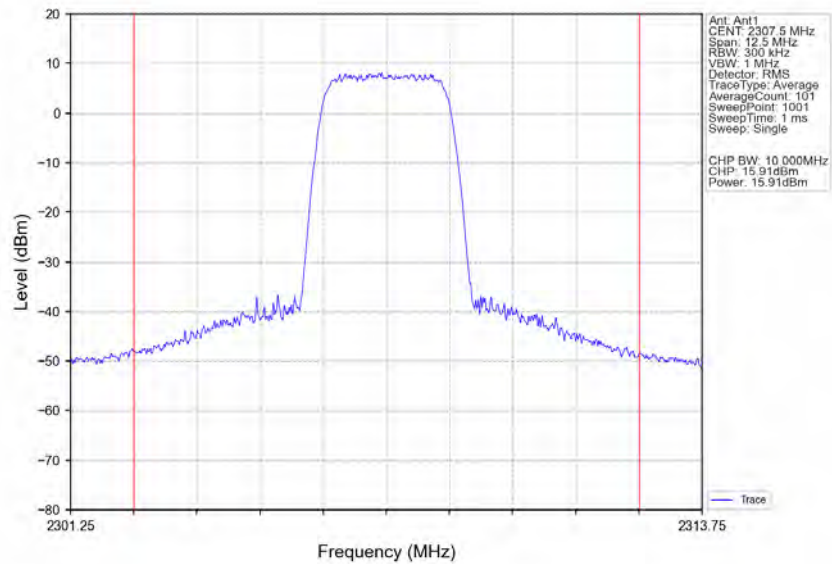
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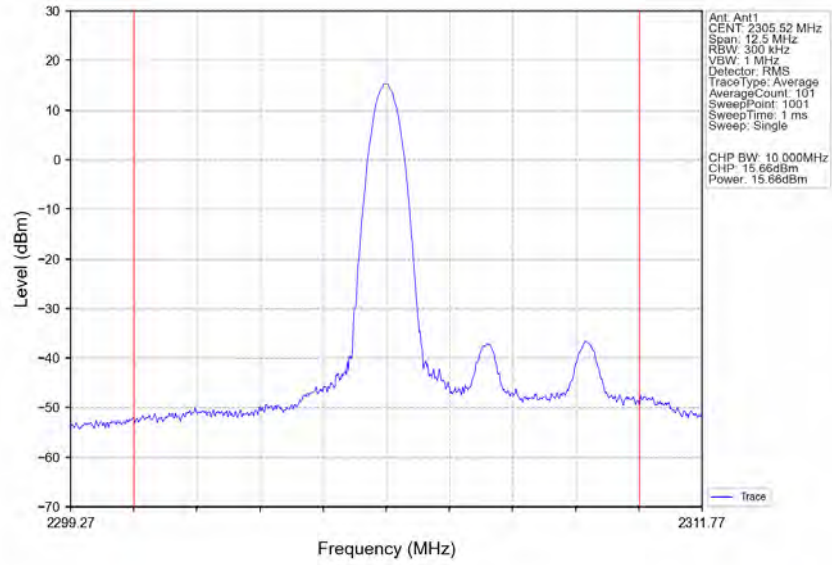
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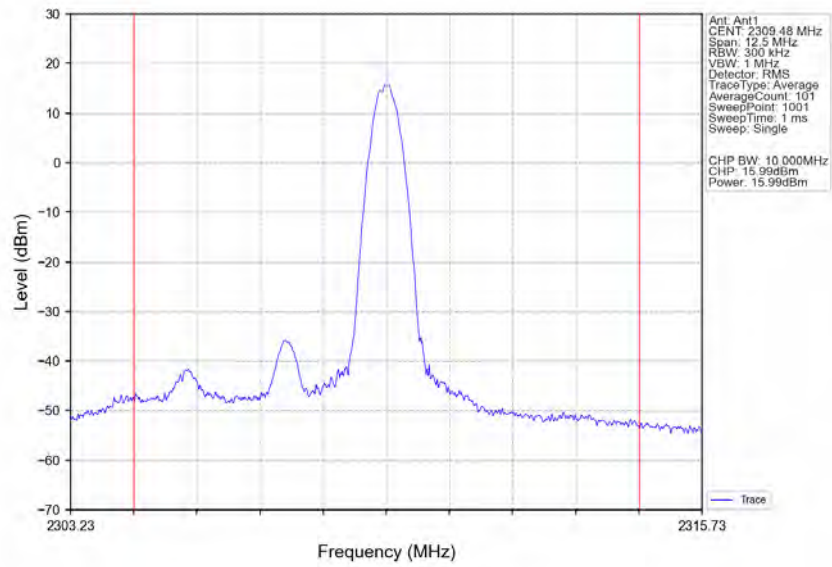
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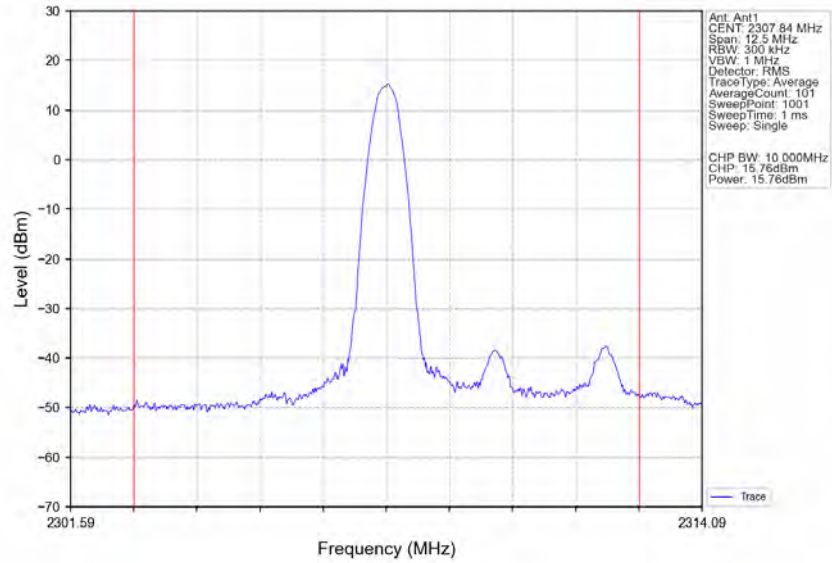
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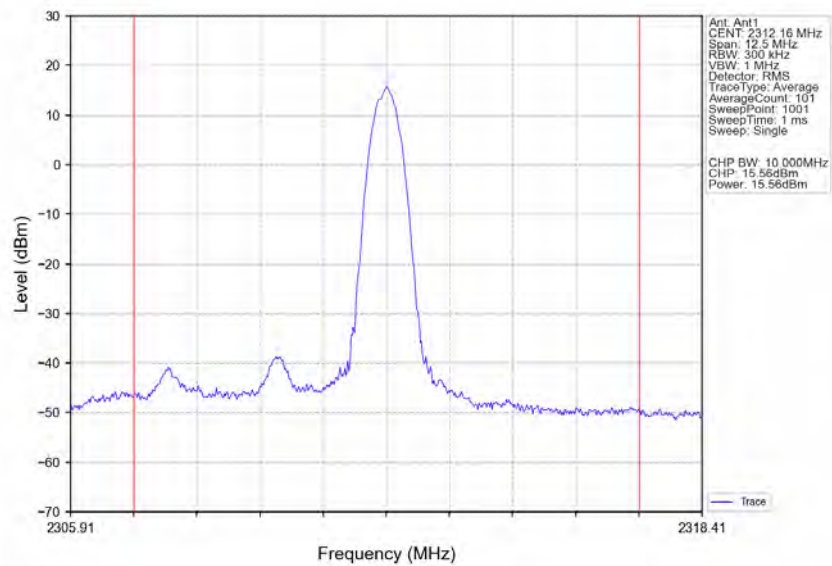
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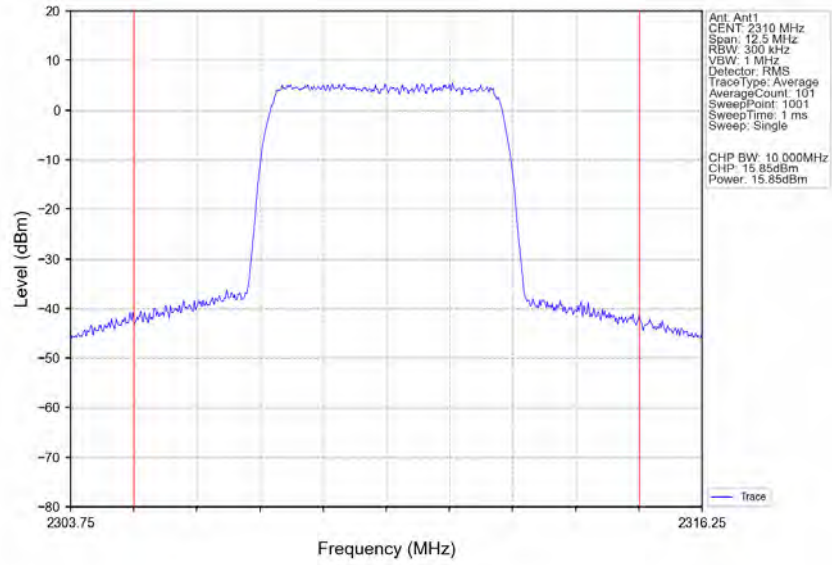
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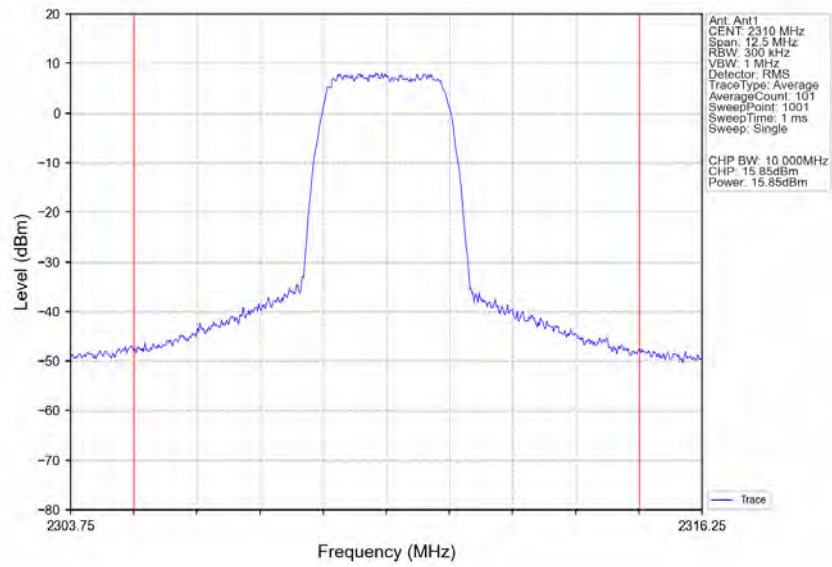
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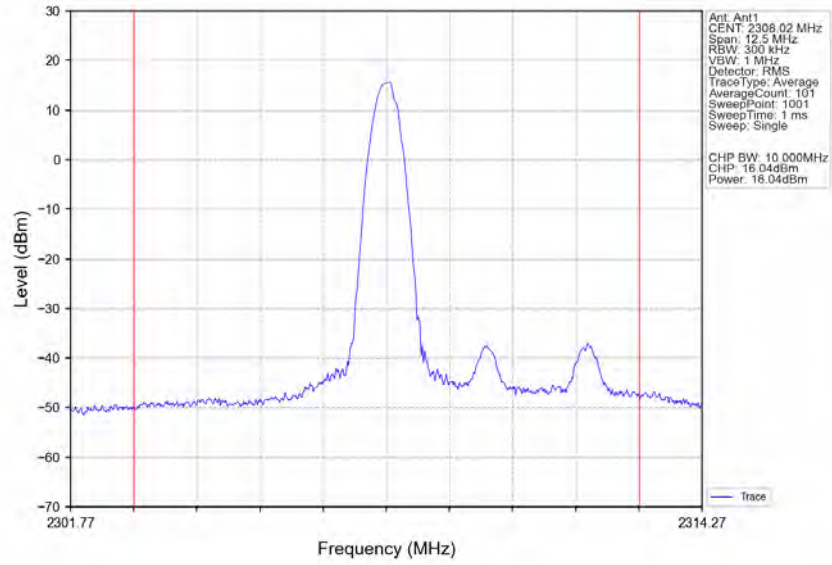
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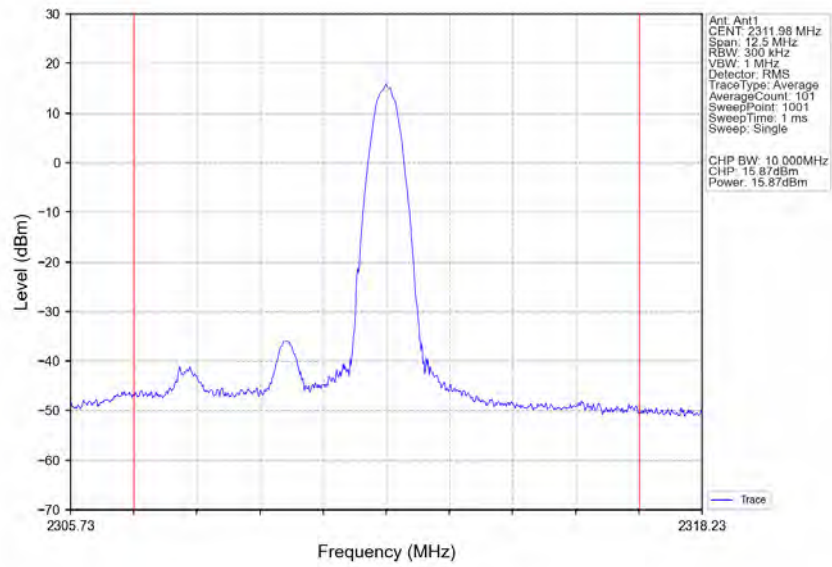
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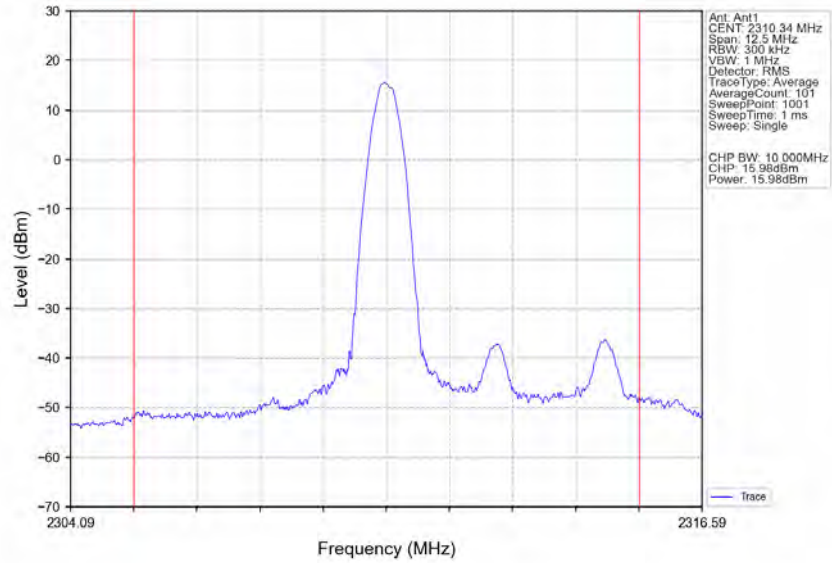
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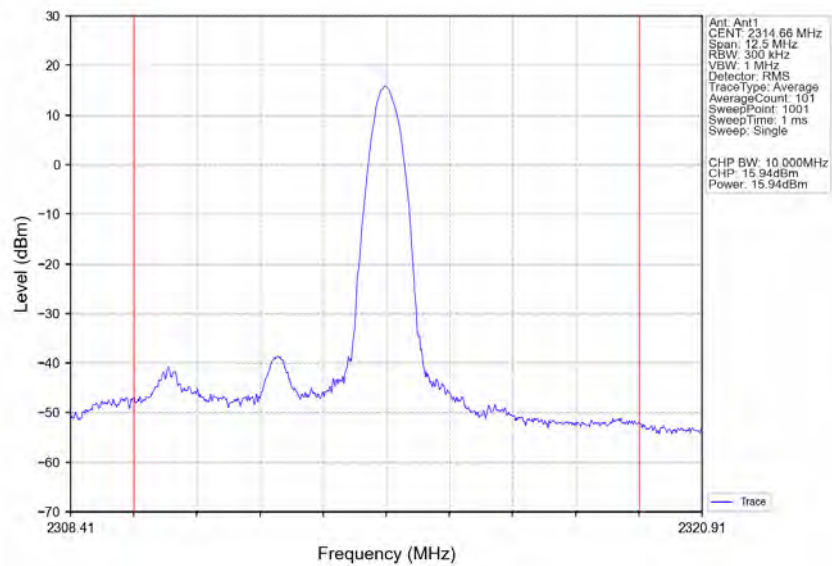
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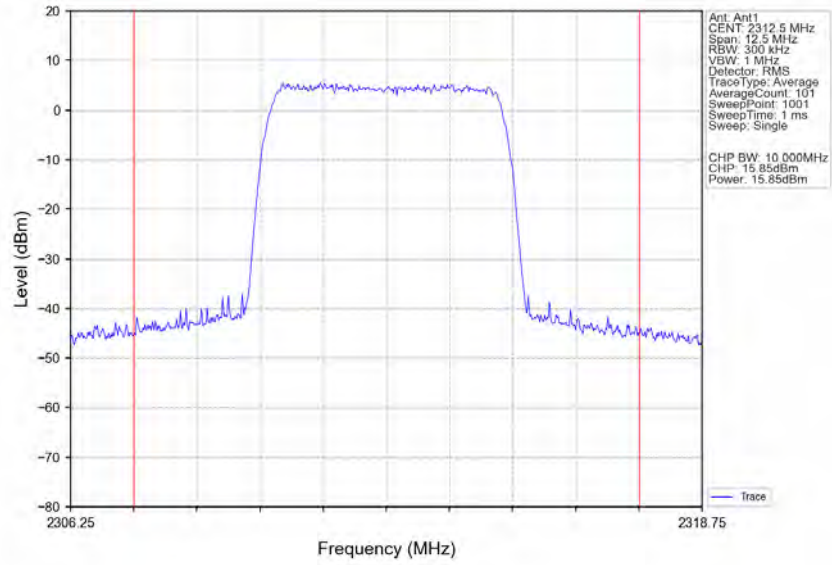
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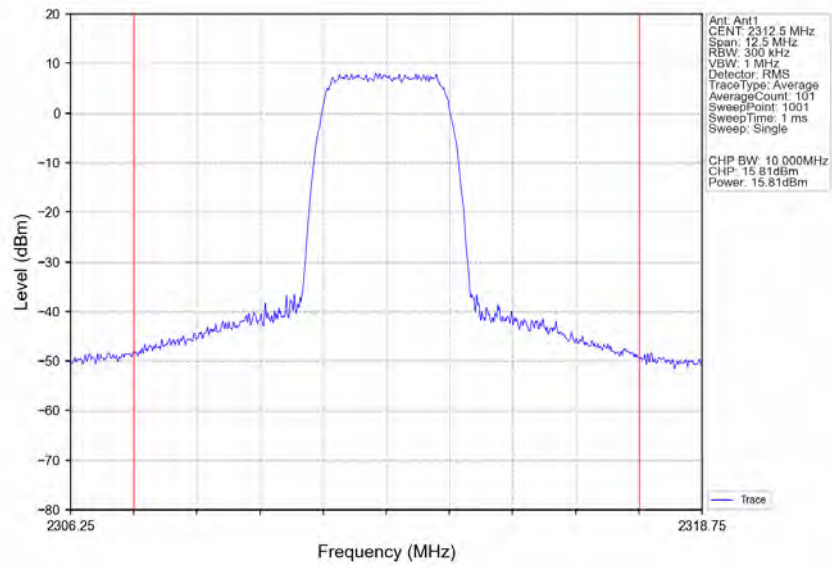
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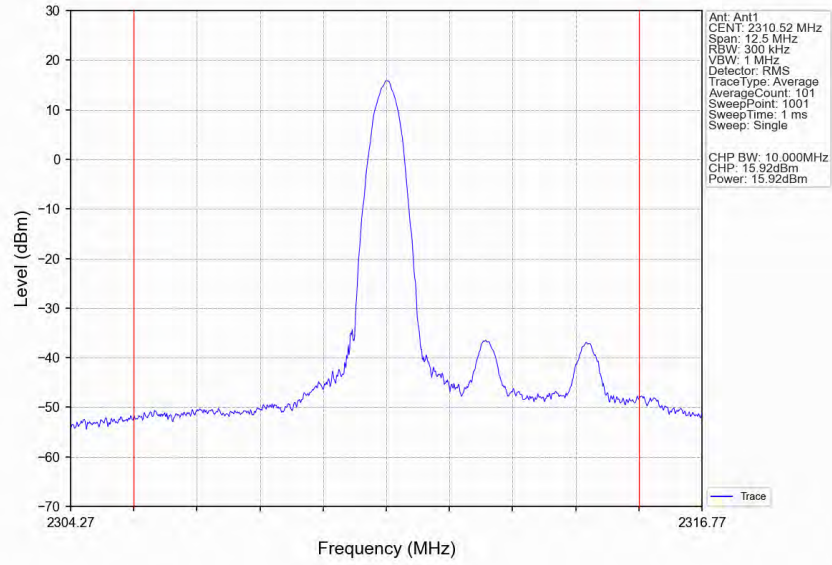
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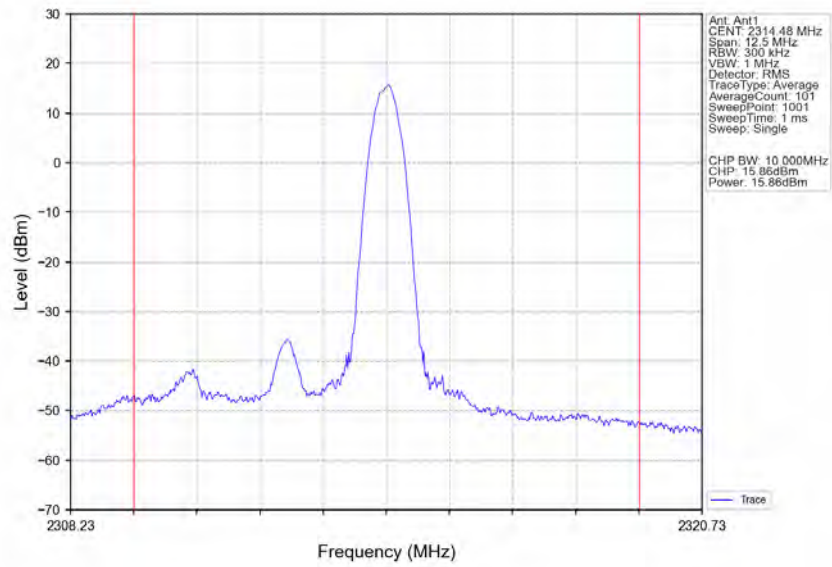
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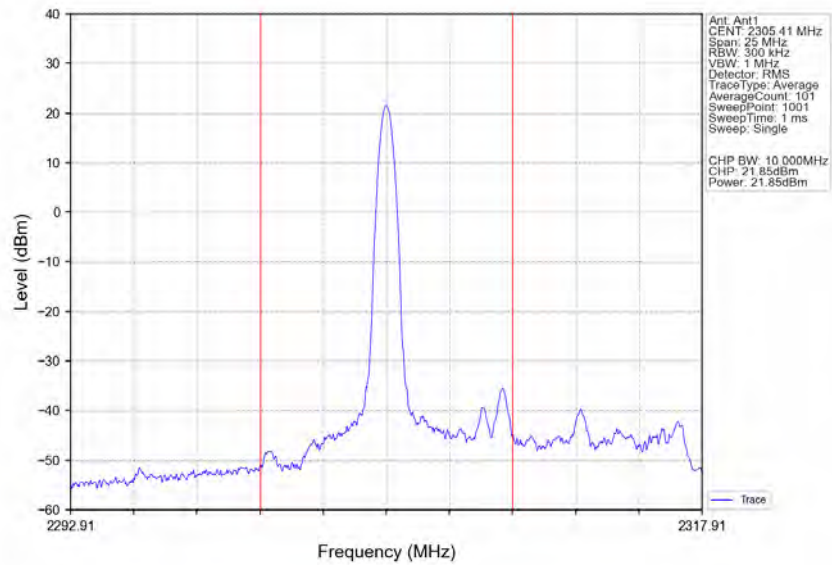


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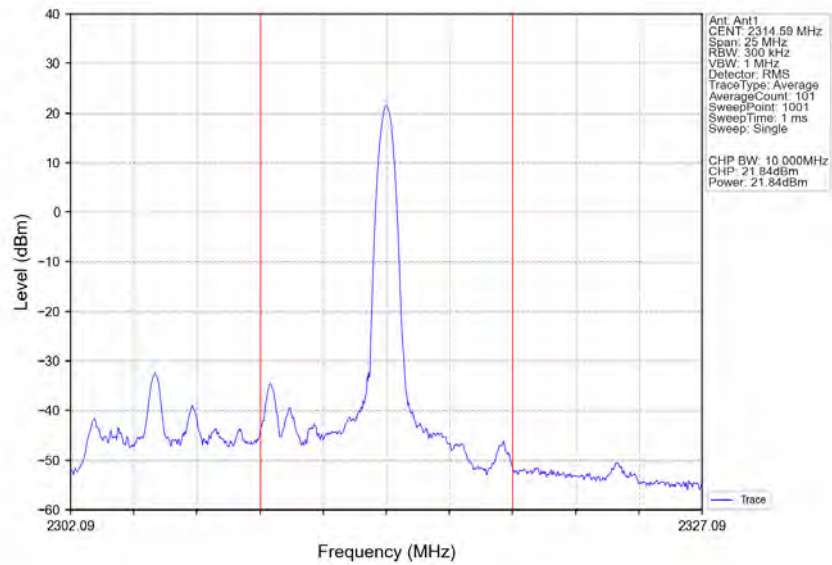


1.2.2 15k_SISO_10MHz_NTNV_EIRP(dBm/5MHz)

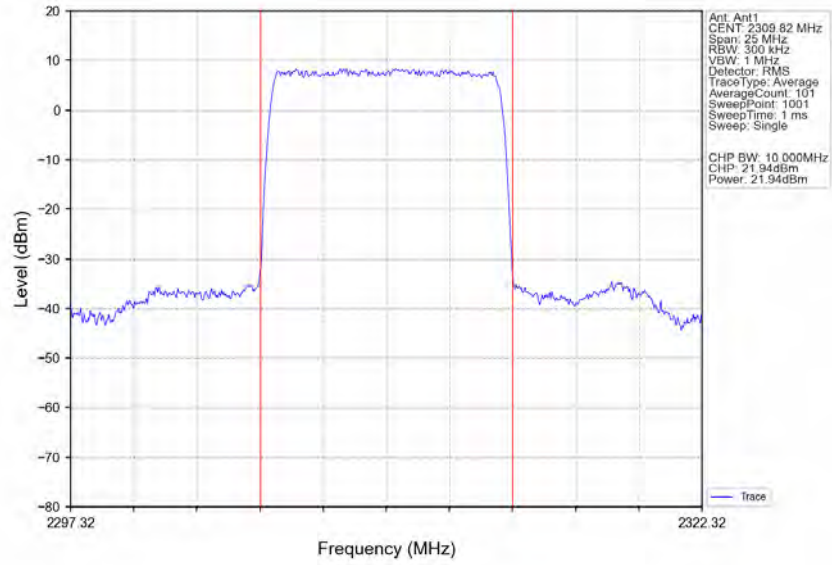
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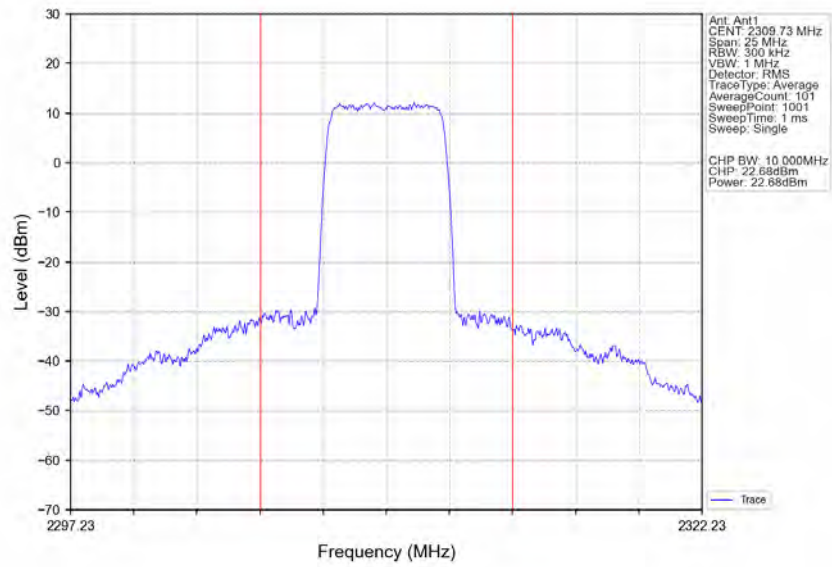
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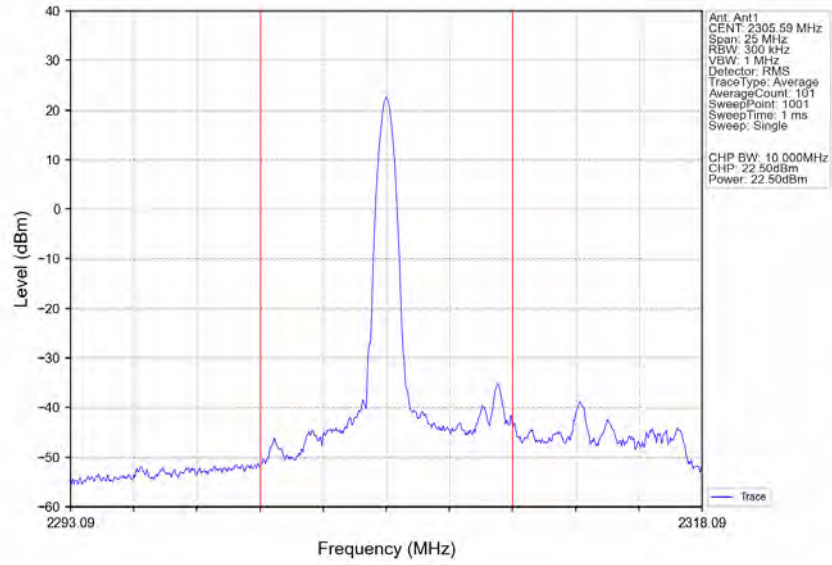
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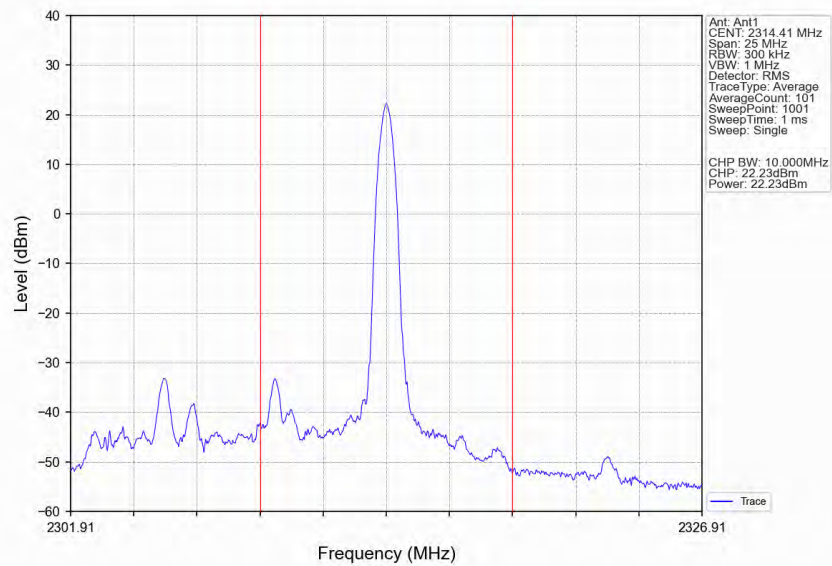
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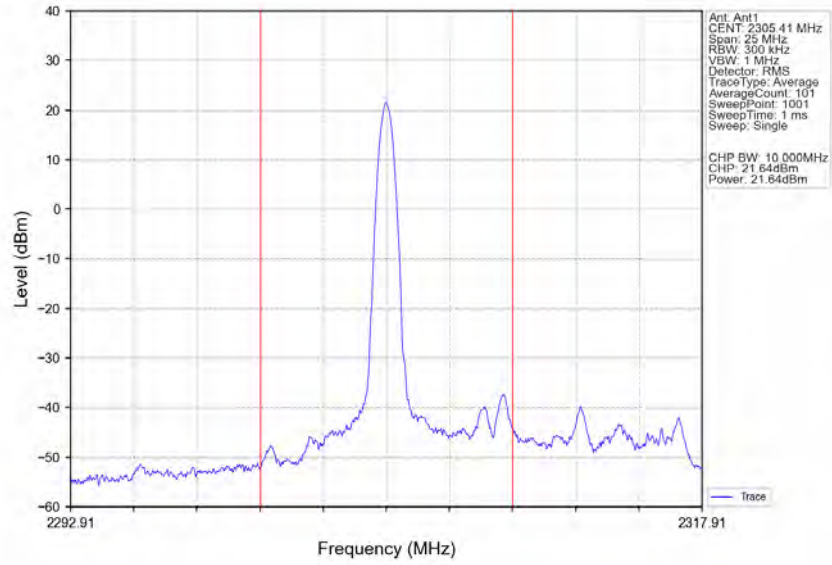
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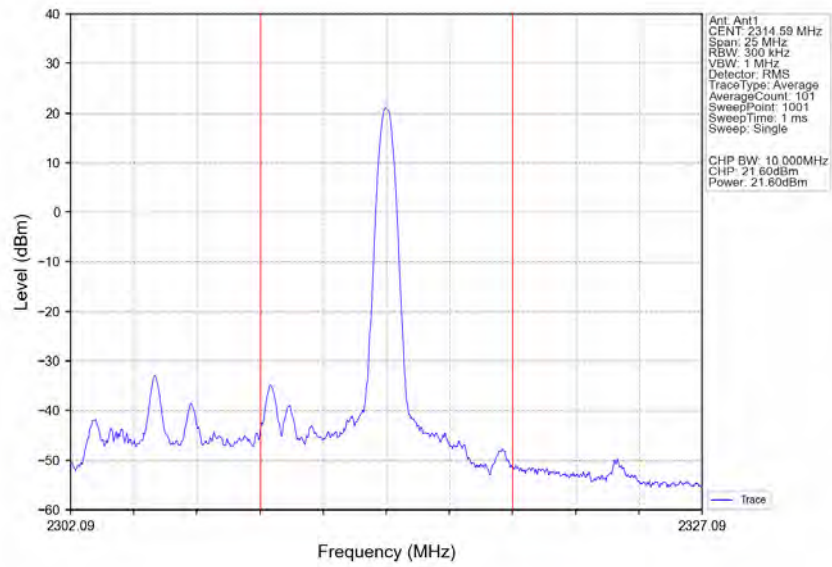
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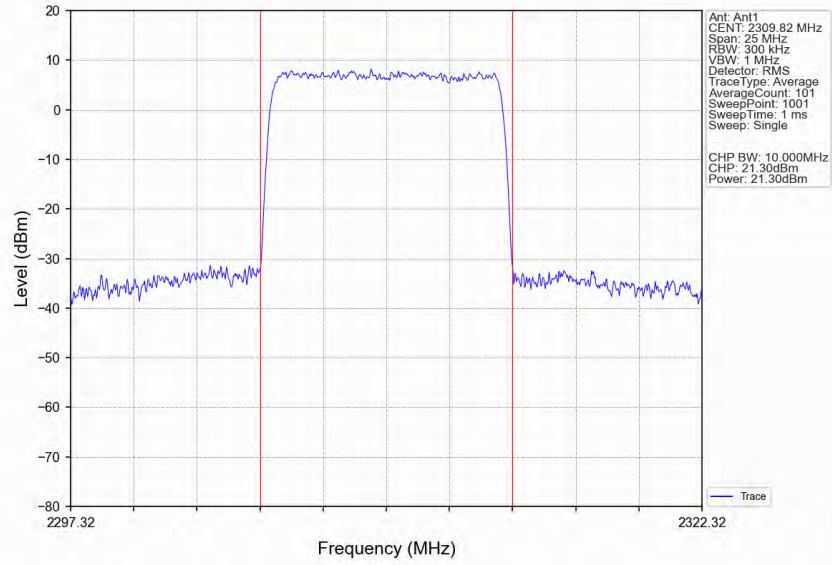
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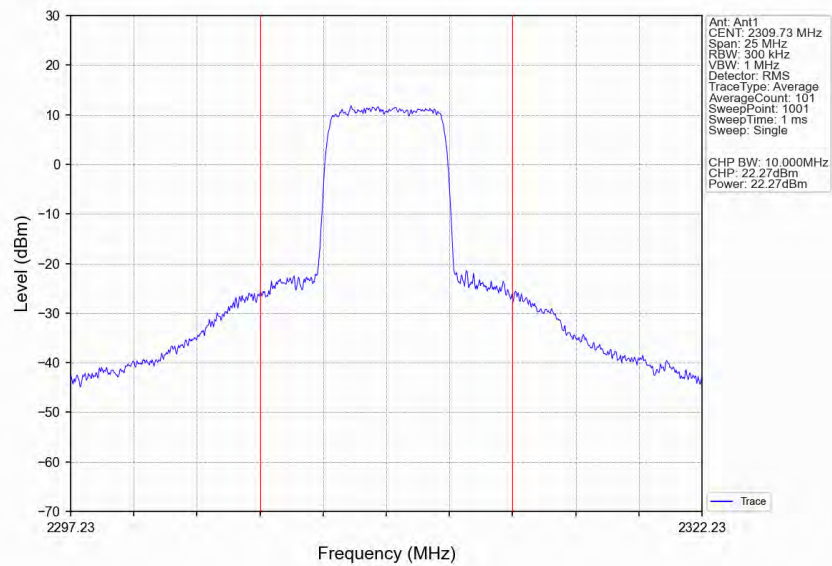
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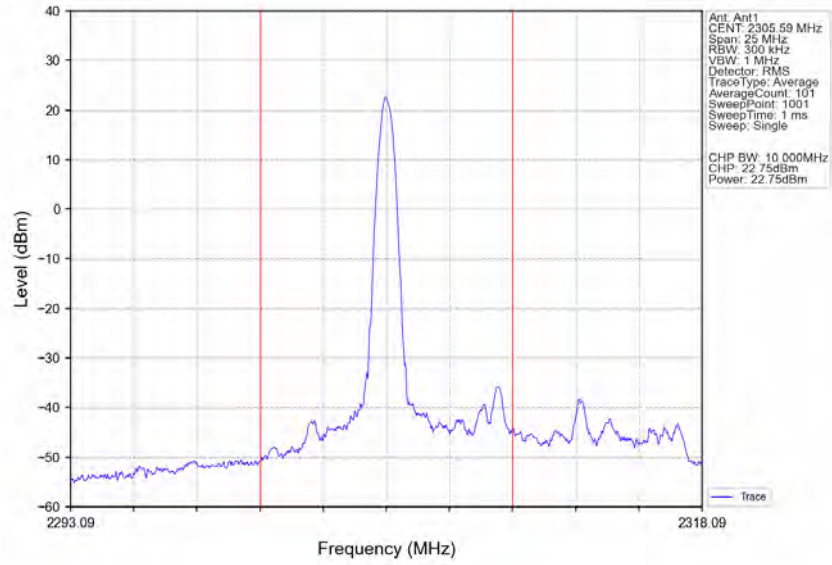
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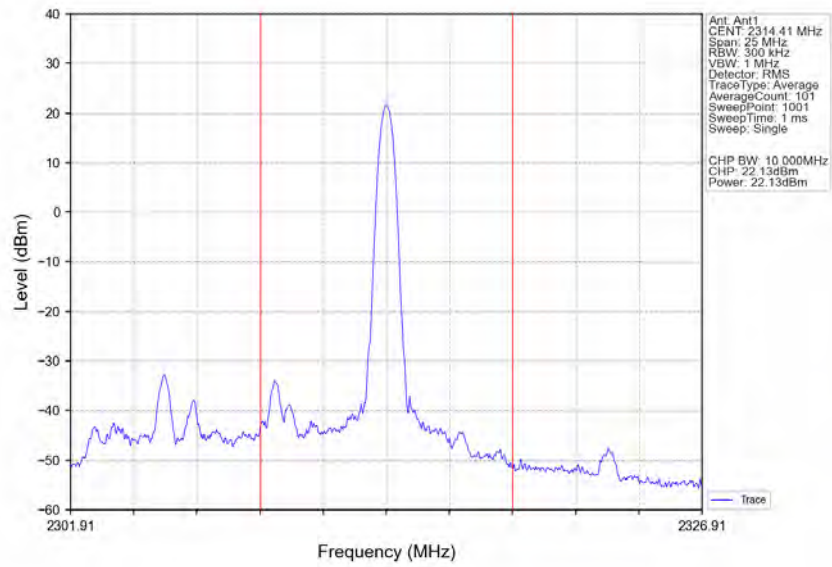
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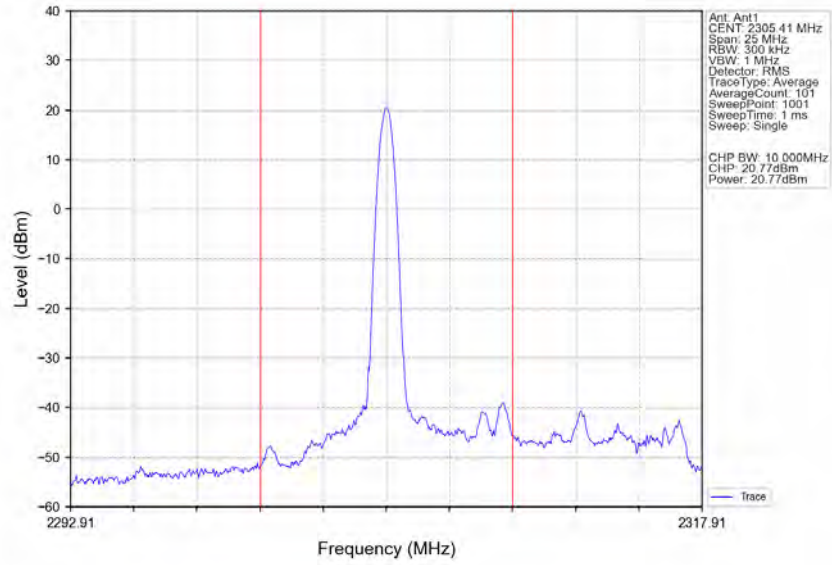
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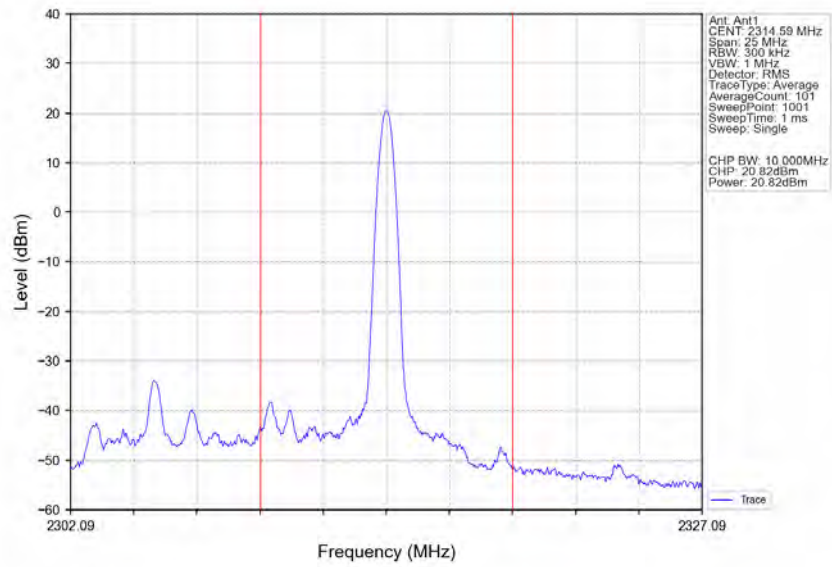
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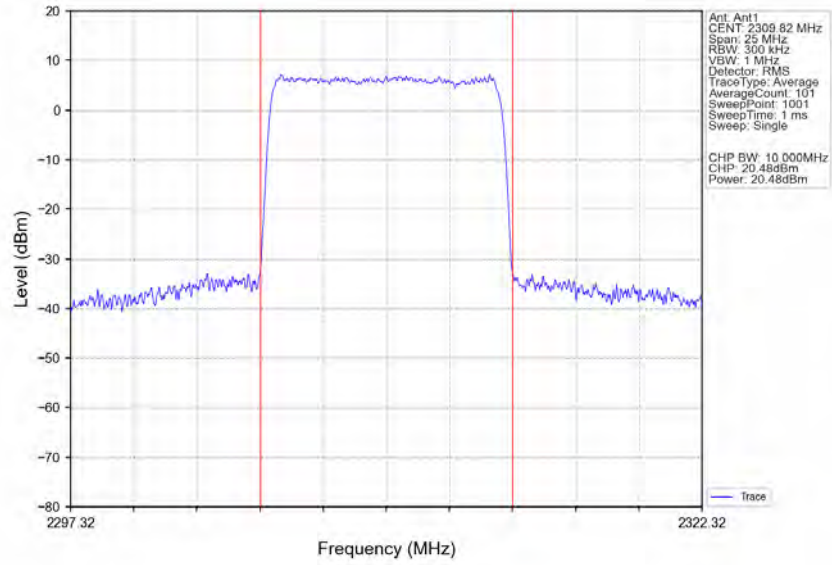
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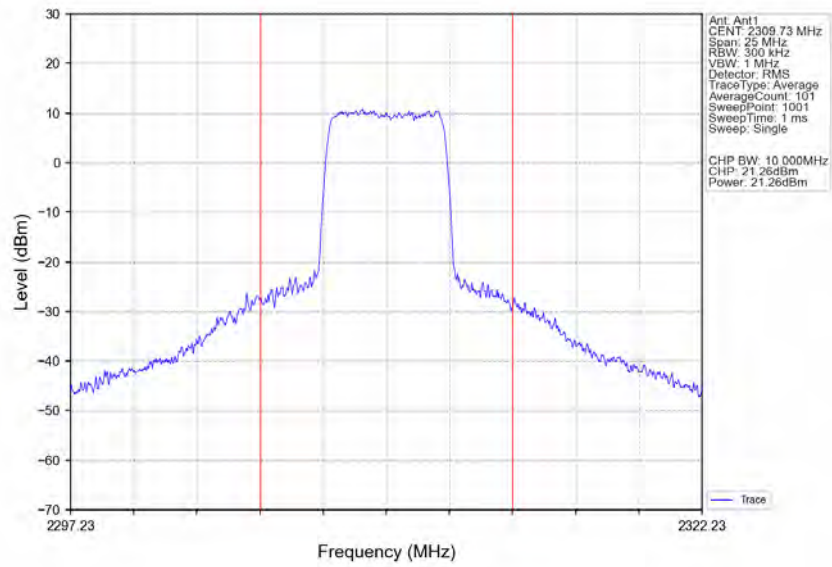
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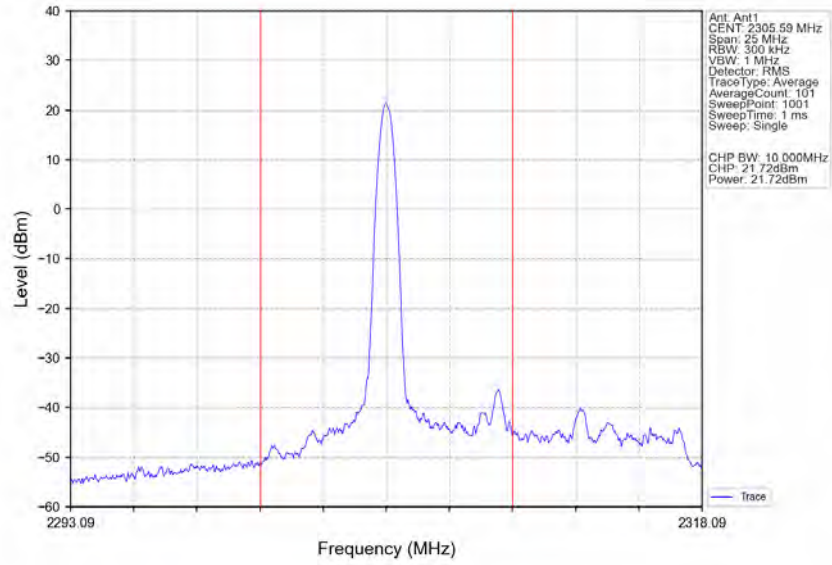
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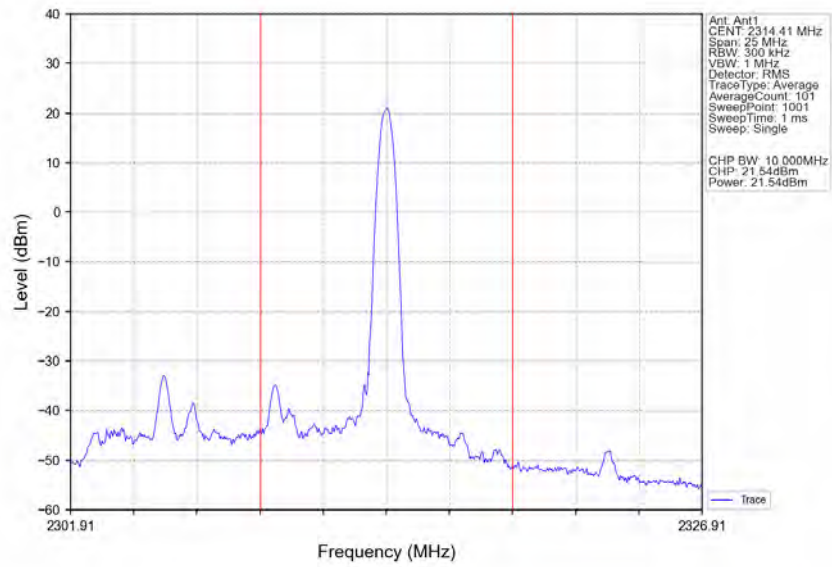
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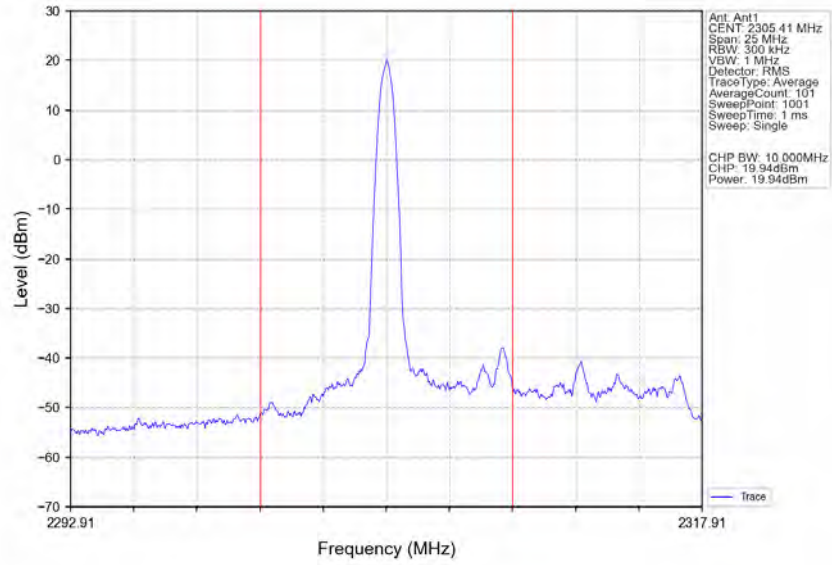
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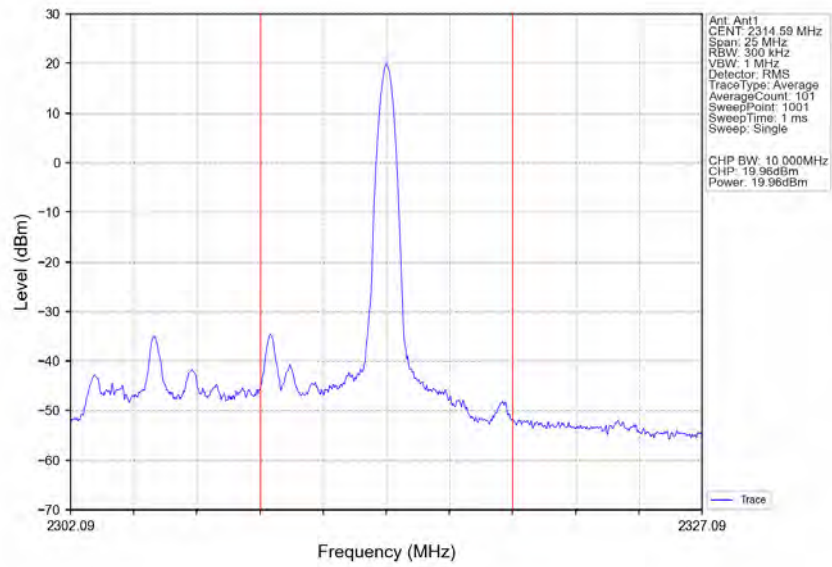
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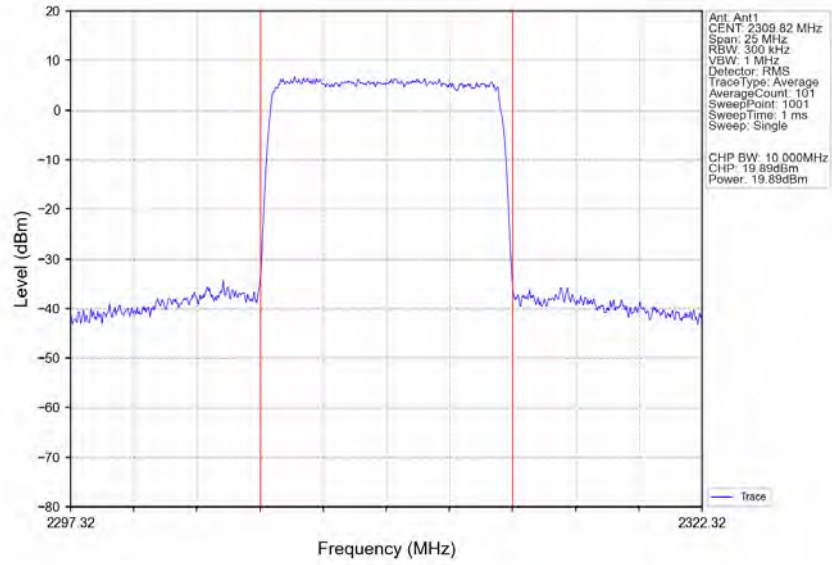
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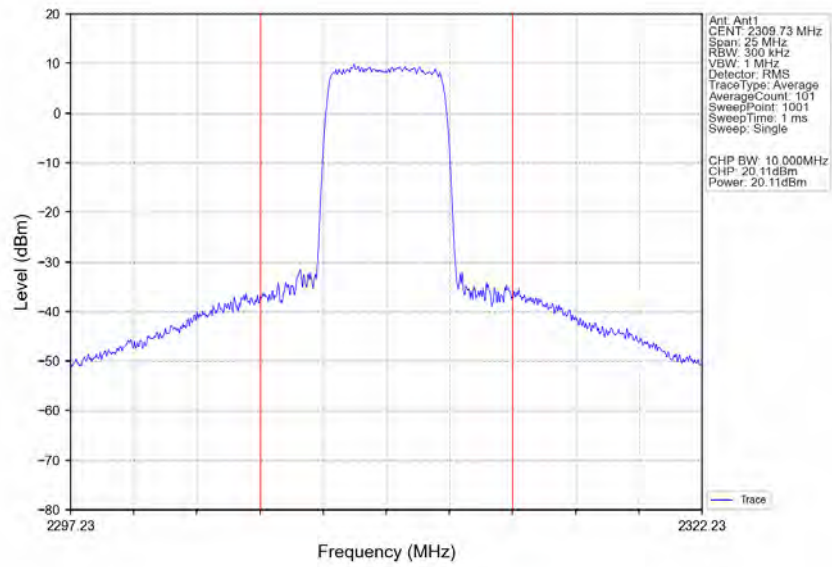
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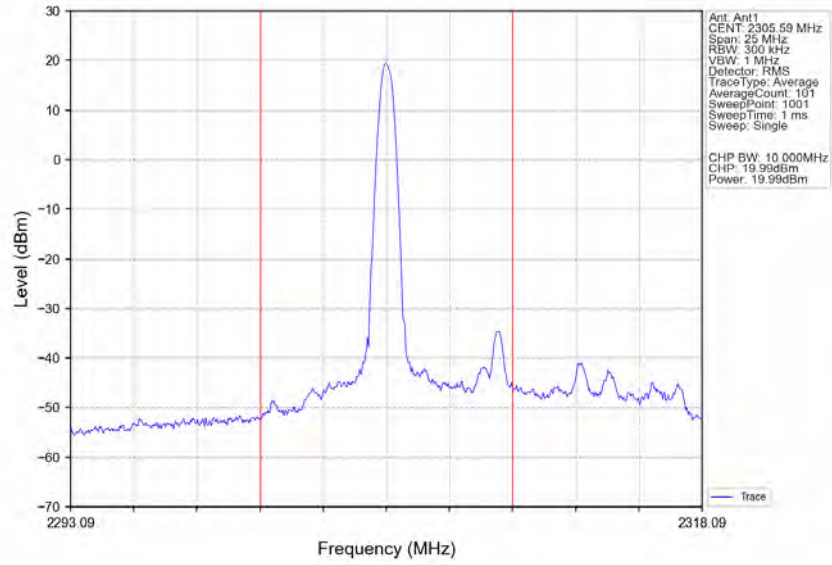
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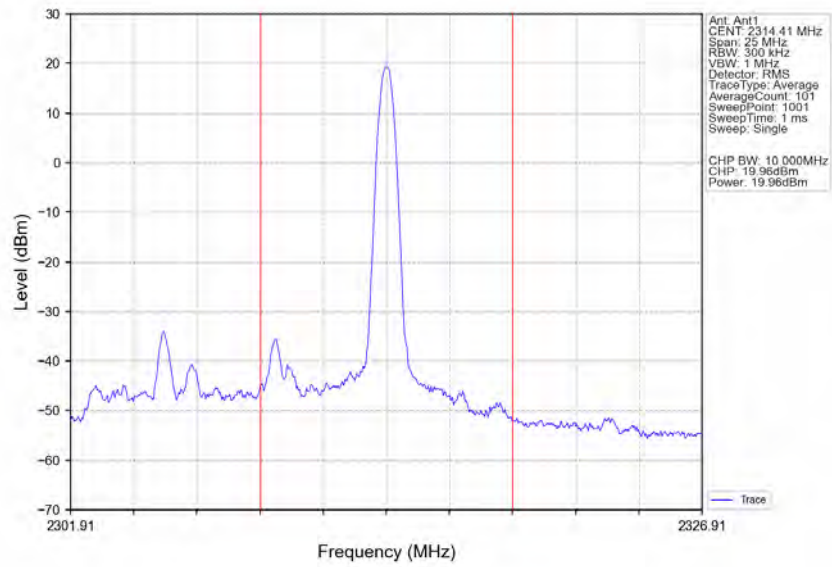
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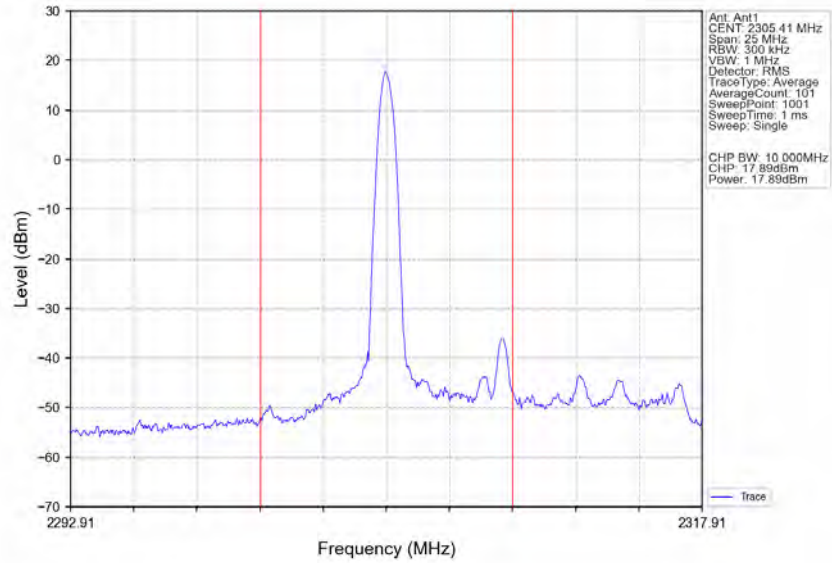
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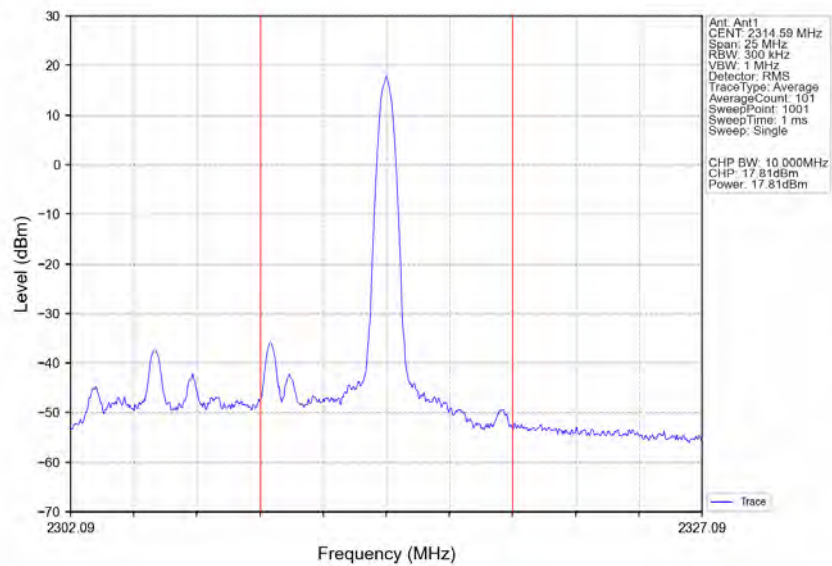
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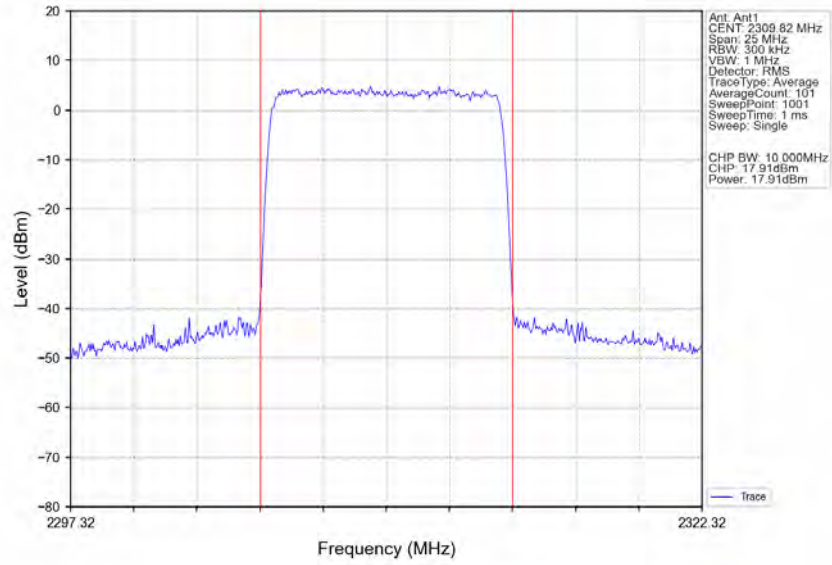
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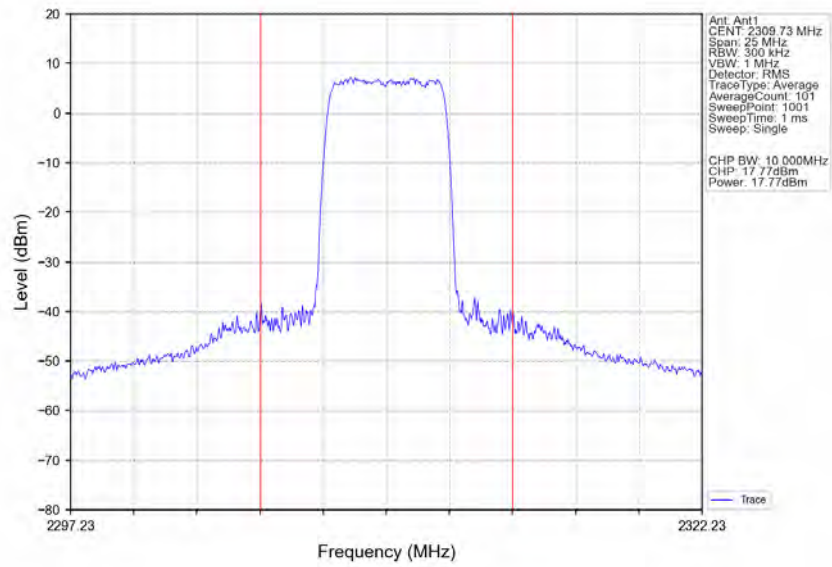
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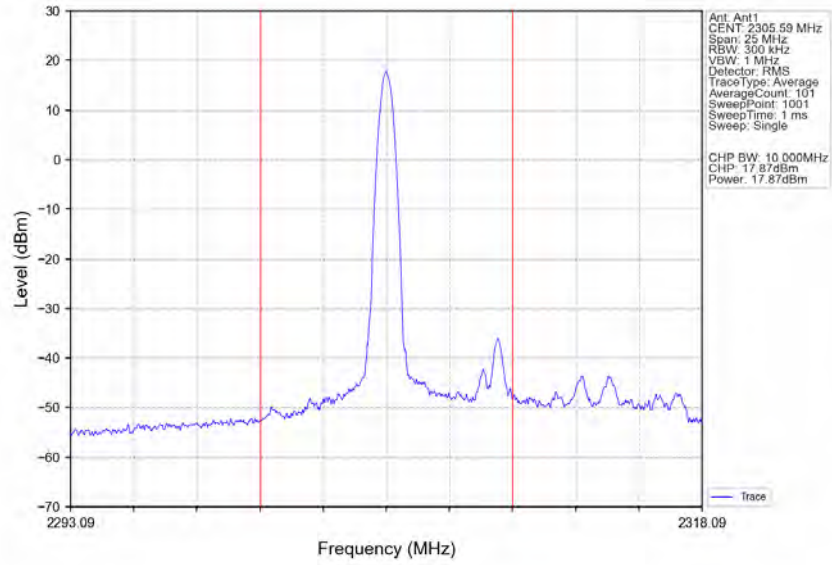
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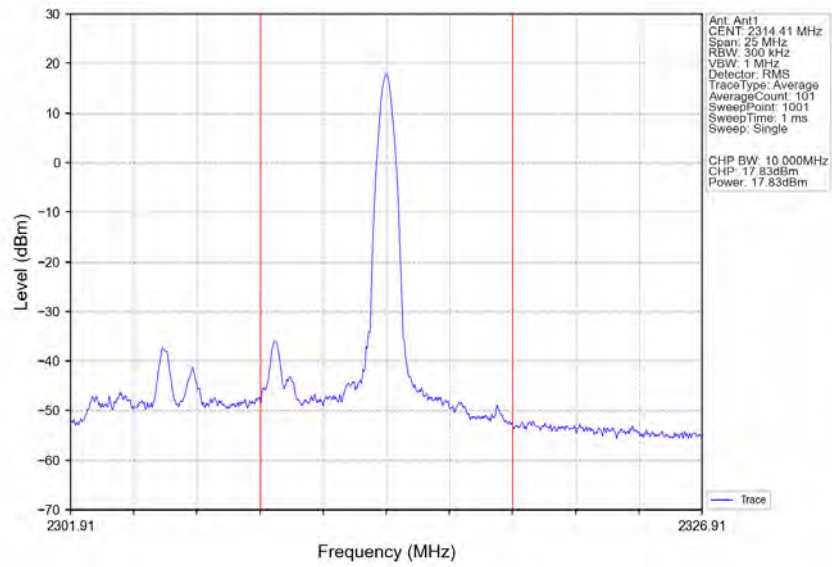
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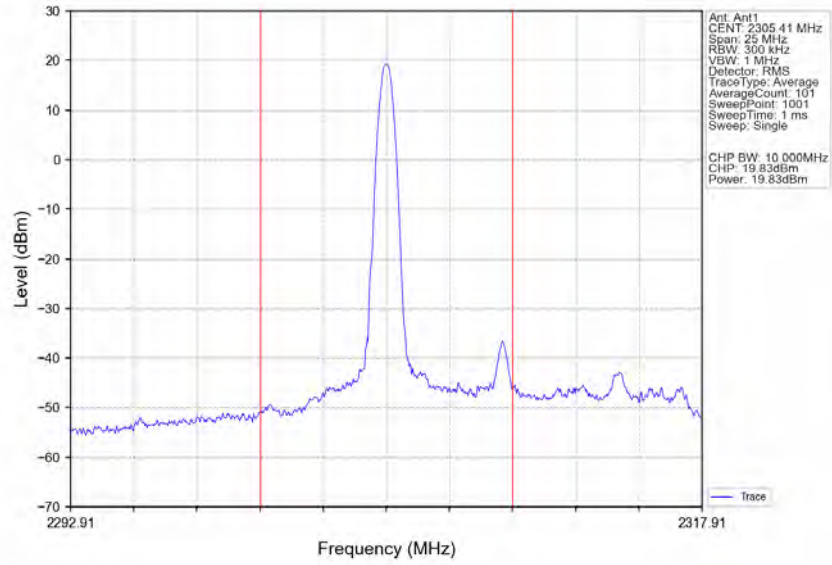
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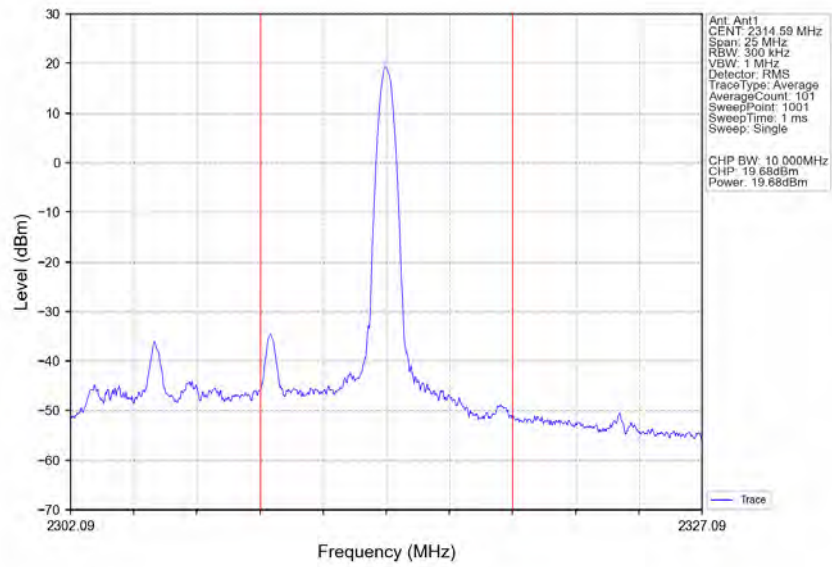
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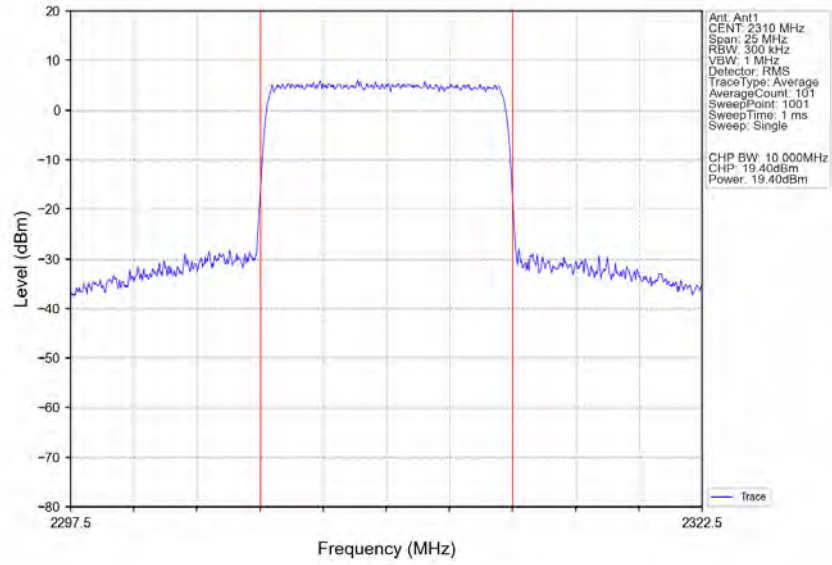
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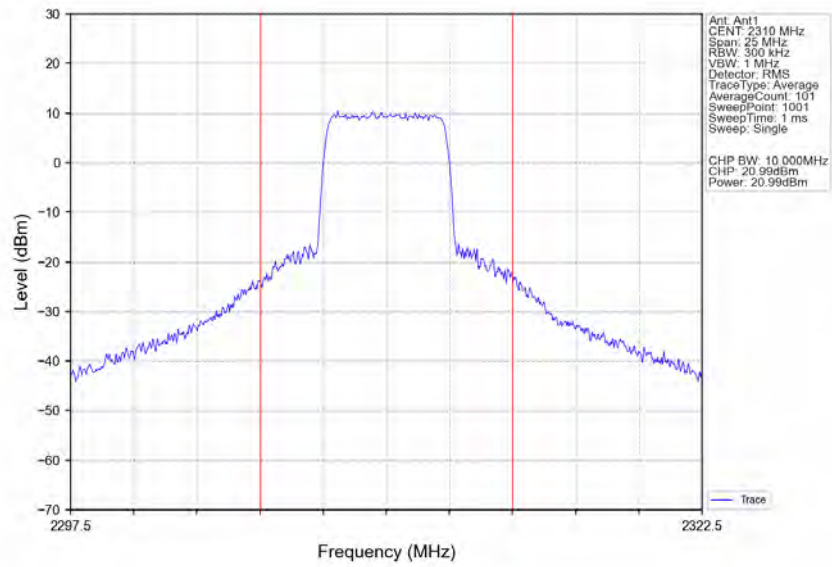
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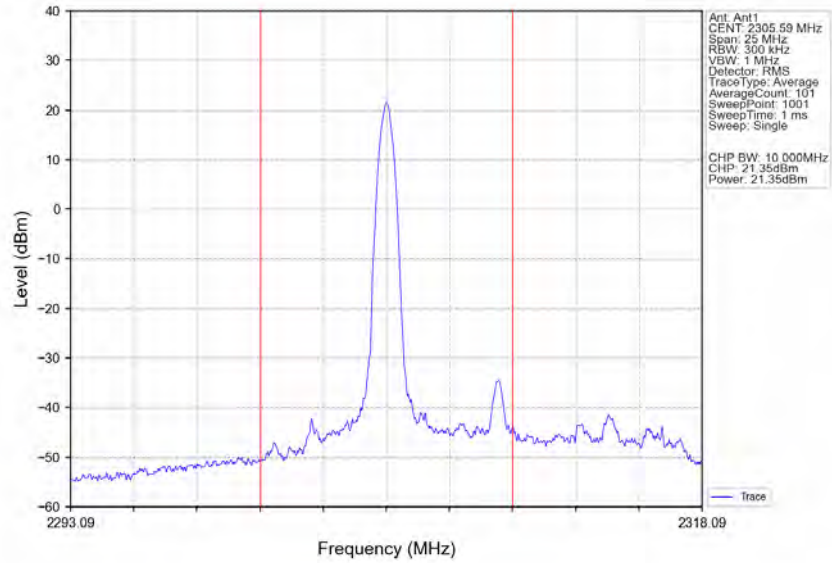
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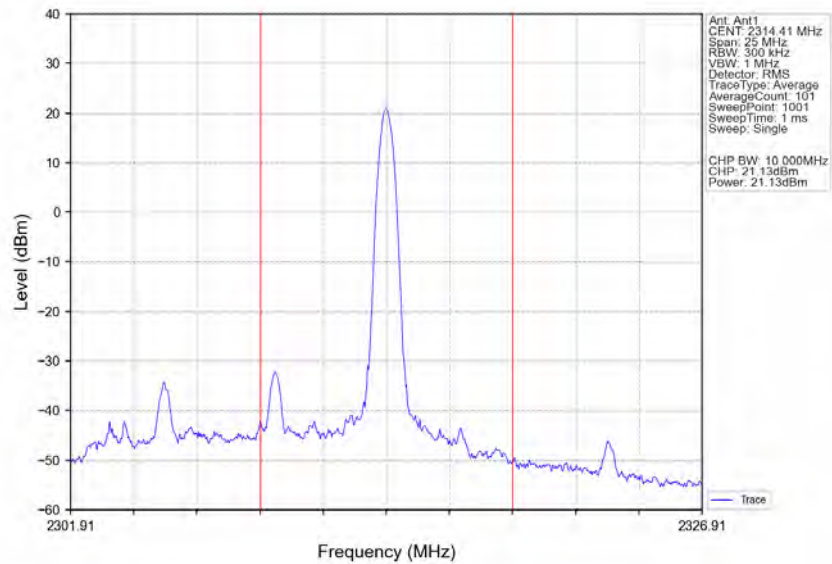
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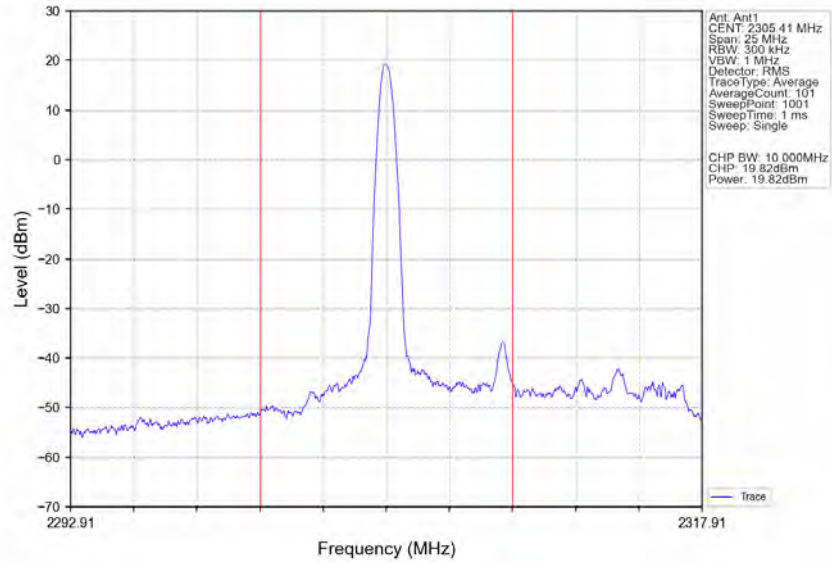
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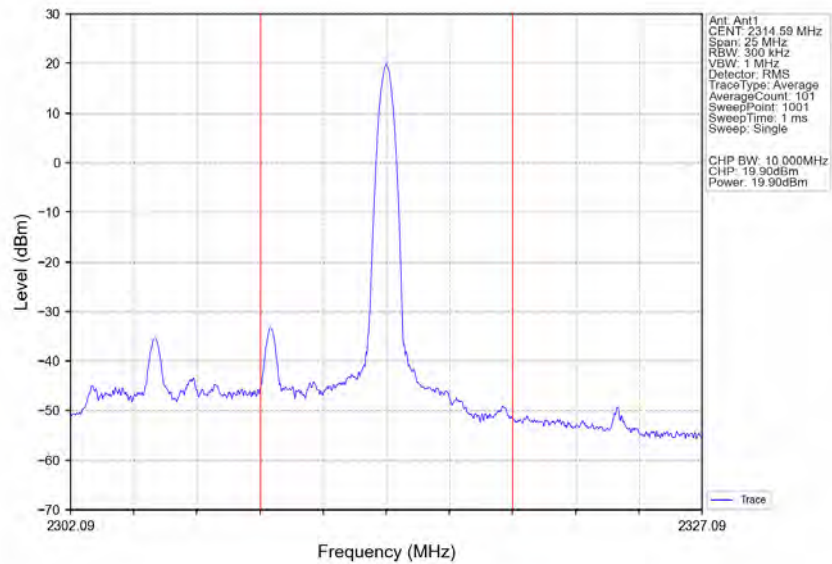
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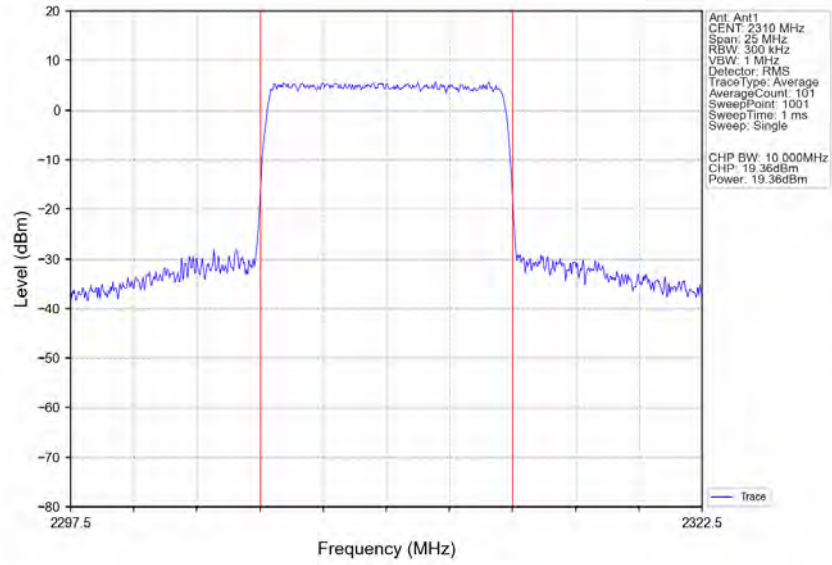
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Edge_1RB_Left_Ant1



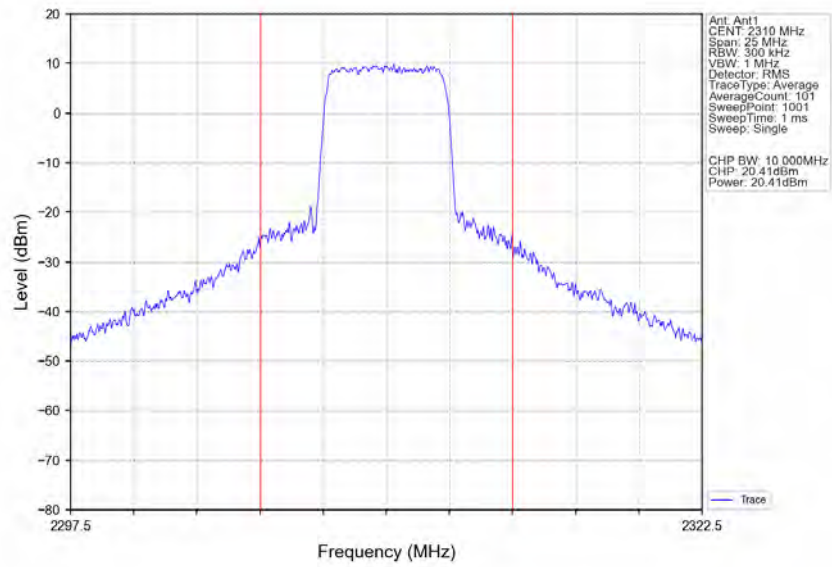
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Edge_1RB_Right_Ant1



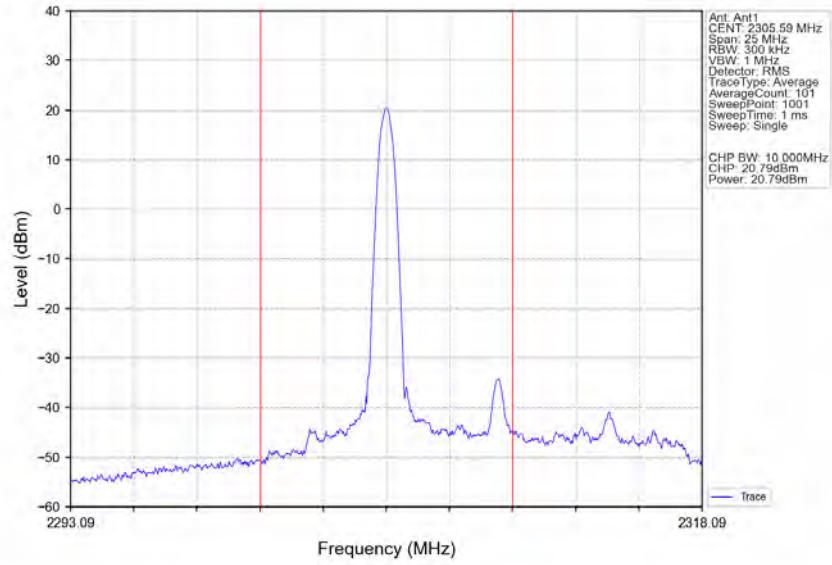
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Outer_Full_Ant1



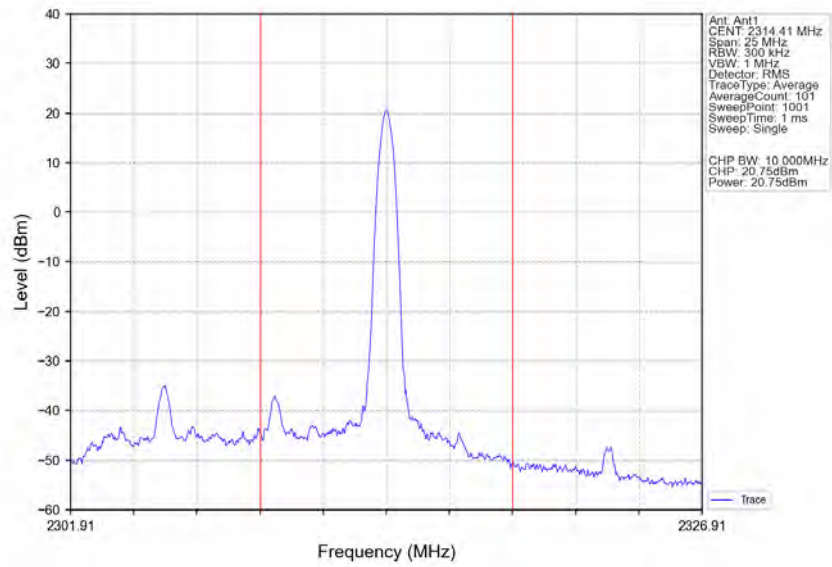
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_Full_Ant1



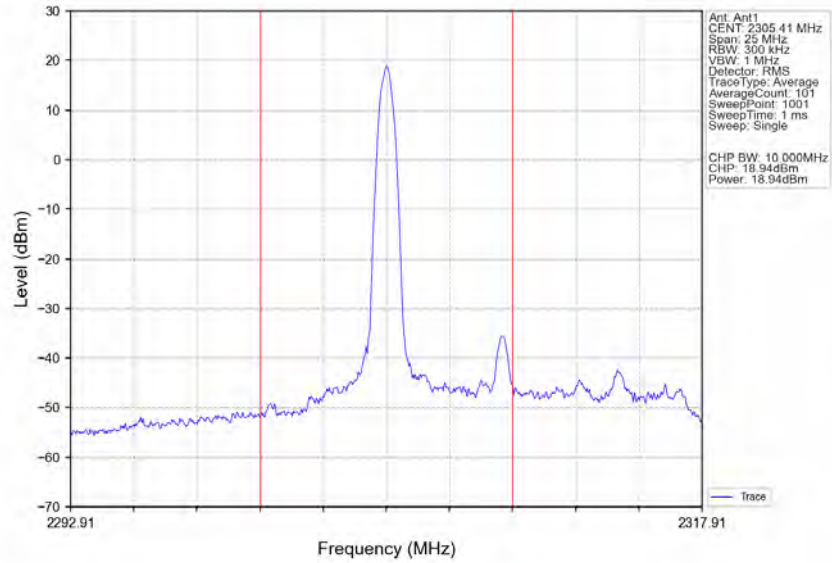
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_1RB_Left_Ant1



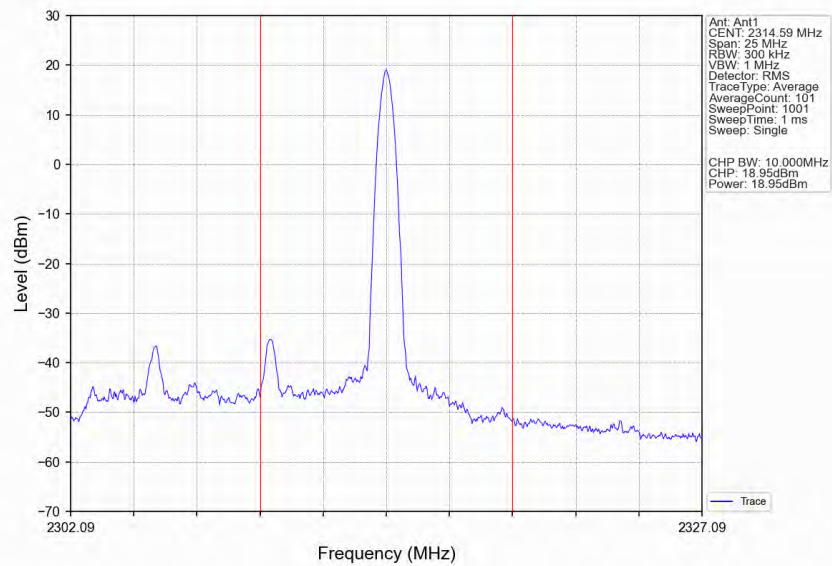
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_1RB_Right_Ant1



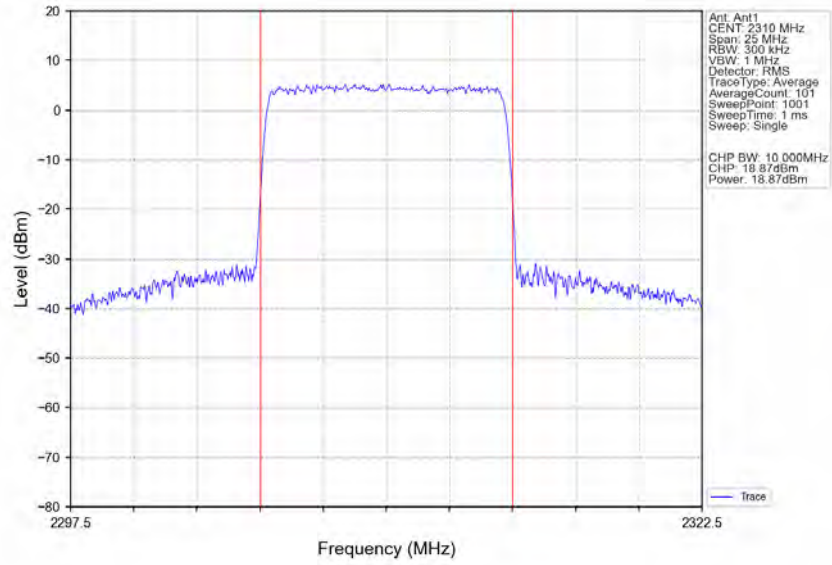
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Edge_1RB_Left_Ant1



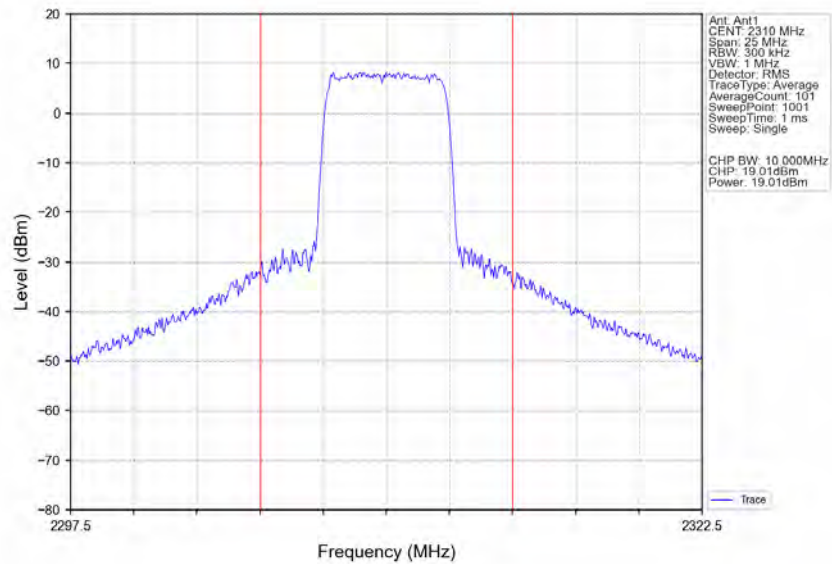
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Edge_1RB_Right_Ant1



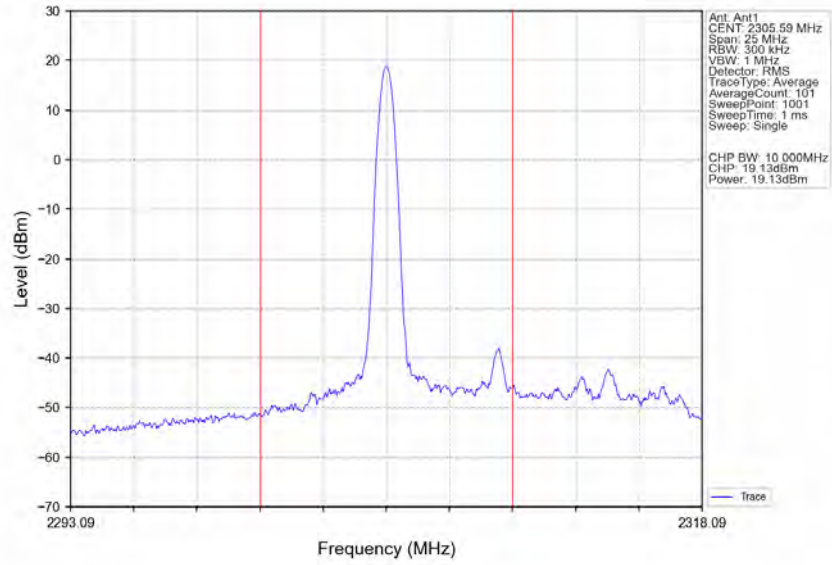
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Outer_Full_Ant1



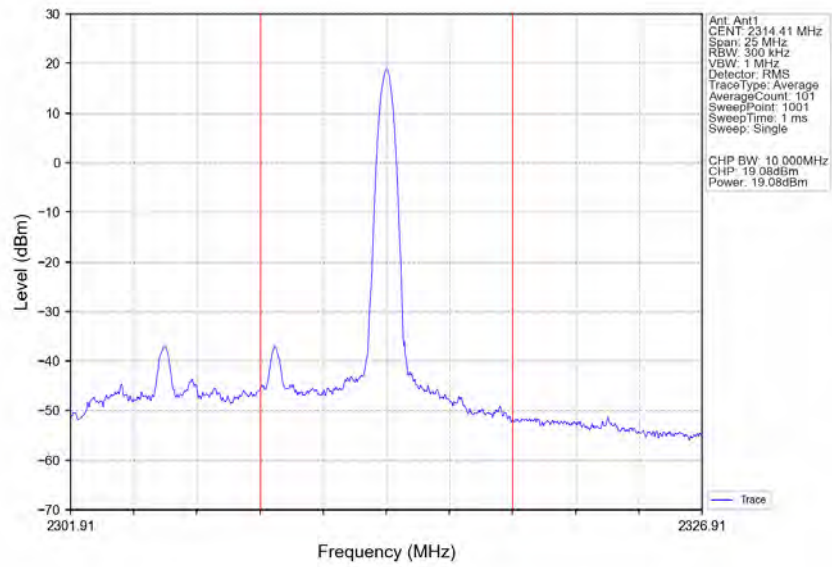
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_Full_Ant1



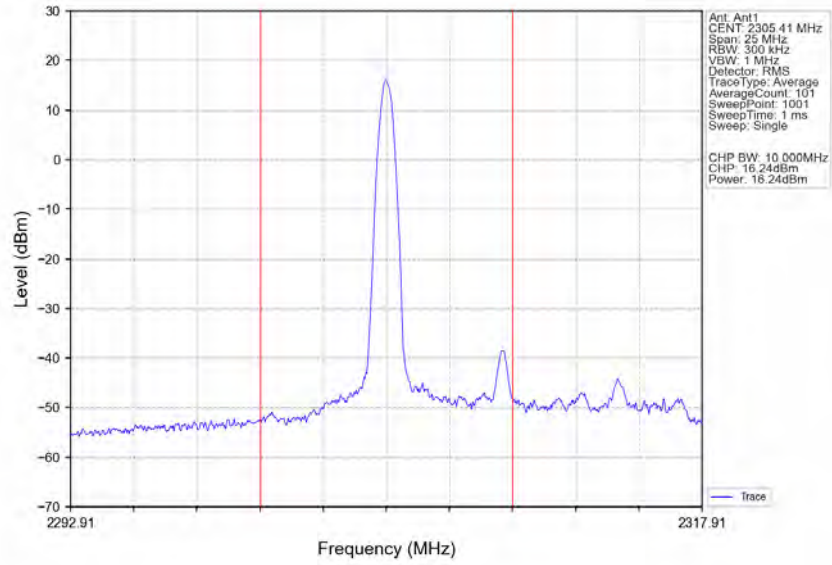
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_1RB_Left_Ant1



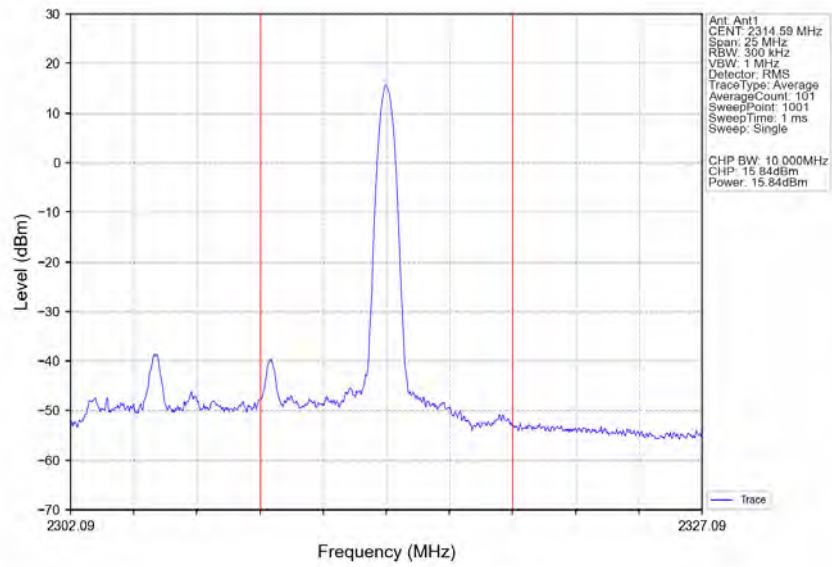
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_1RB_Right_Ant1



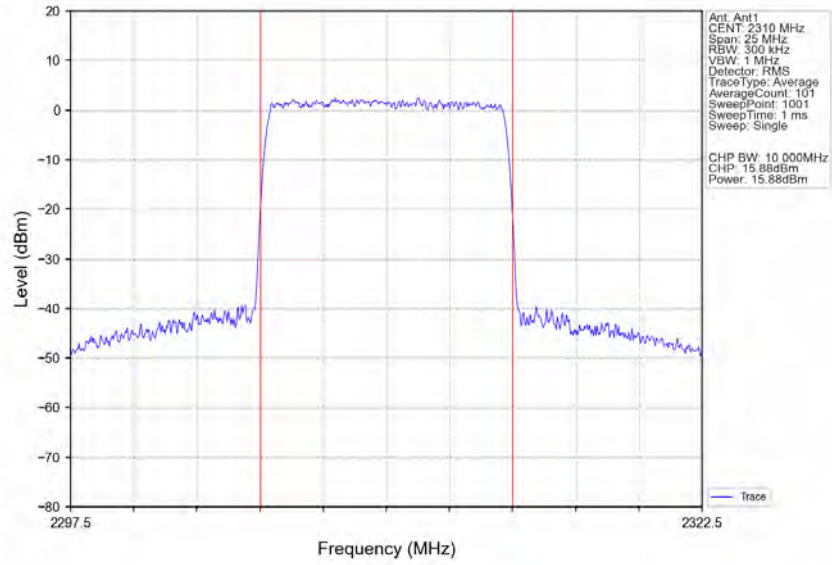
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Edge_1RB_Left_Ant1



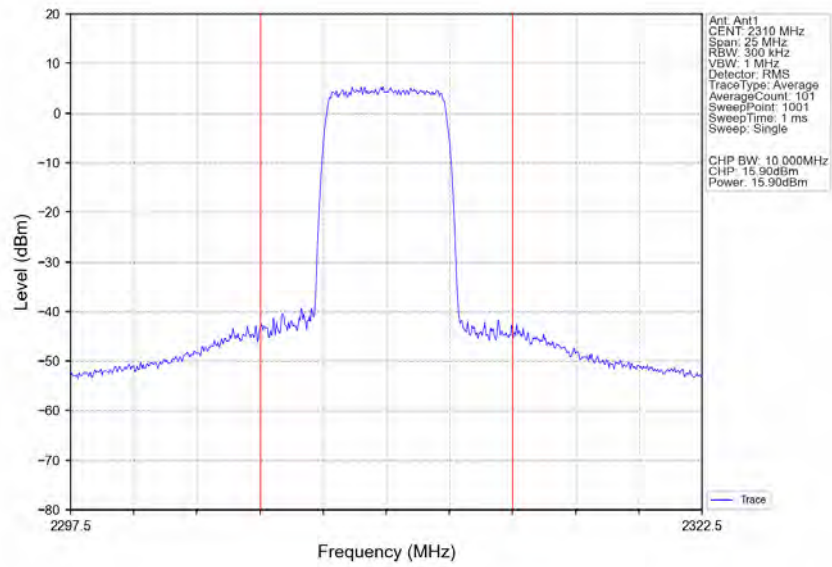
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Edge_1RB_Right_Ant1



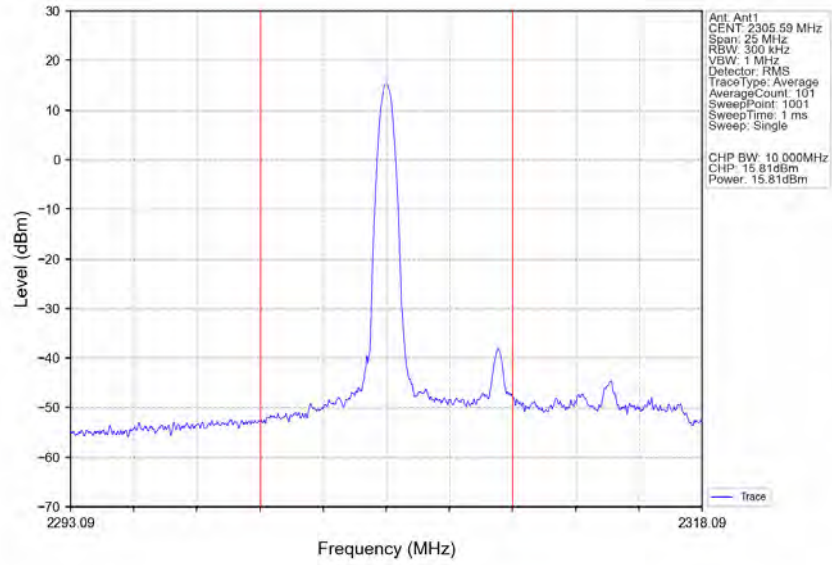
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 2310MHz_Outer_Full_Ant1



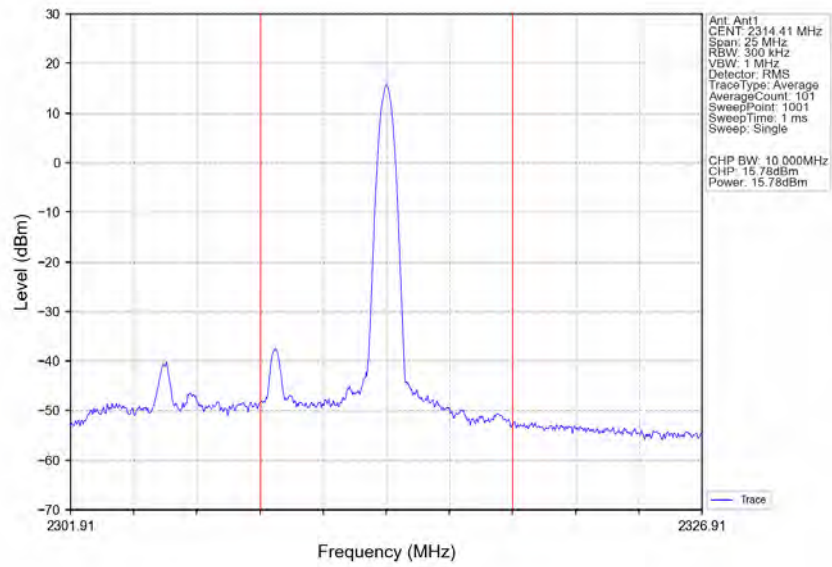
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 2310MHz_Inner_Full_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Inner_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Inner_1RB_Right_Ant1



2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n30 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2310	Outer_Full	20	LV	-2.30	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0017	>=-2.5 & <=2.5	Pass
50	NV	-5.20	-0.0023	>=-2.5 & <=2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n30 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	4.53	5.02	/	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	4.54	4.99	/	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	4.52	4.99	/	Pass
DFT-s-OFDM 64 QAM	2310	Outer_Full	4.54	4.98	/	Pass
DFT-s-OFDM 256 QAM	2310	Outer_Full	4.53	5.02	/	Pass
CP-OFDM QPSK	2310	Outer_Full	4.54	5.09	/	Pass
CP-OFDM 16 QAM	2310	Outer_Full	4.53	5.07	/	Pass
CP-OFDM 64 QAM	2310	Outer_Full	4.54	4.95	/	Pass
CP-OFDM 256 QAM	2310	Outer_Full	4.51	4.99	/	Pass

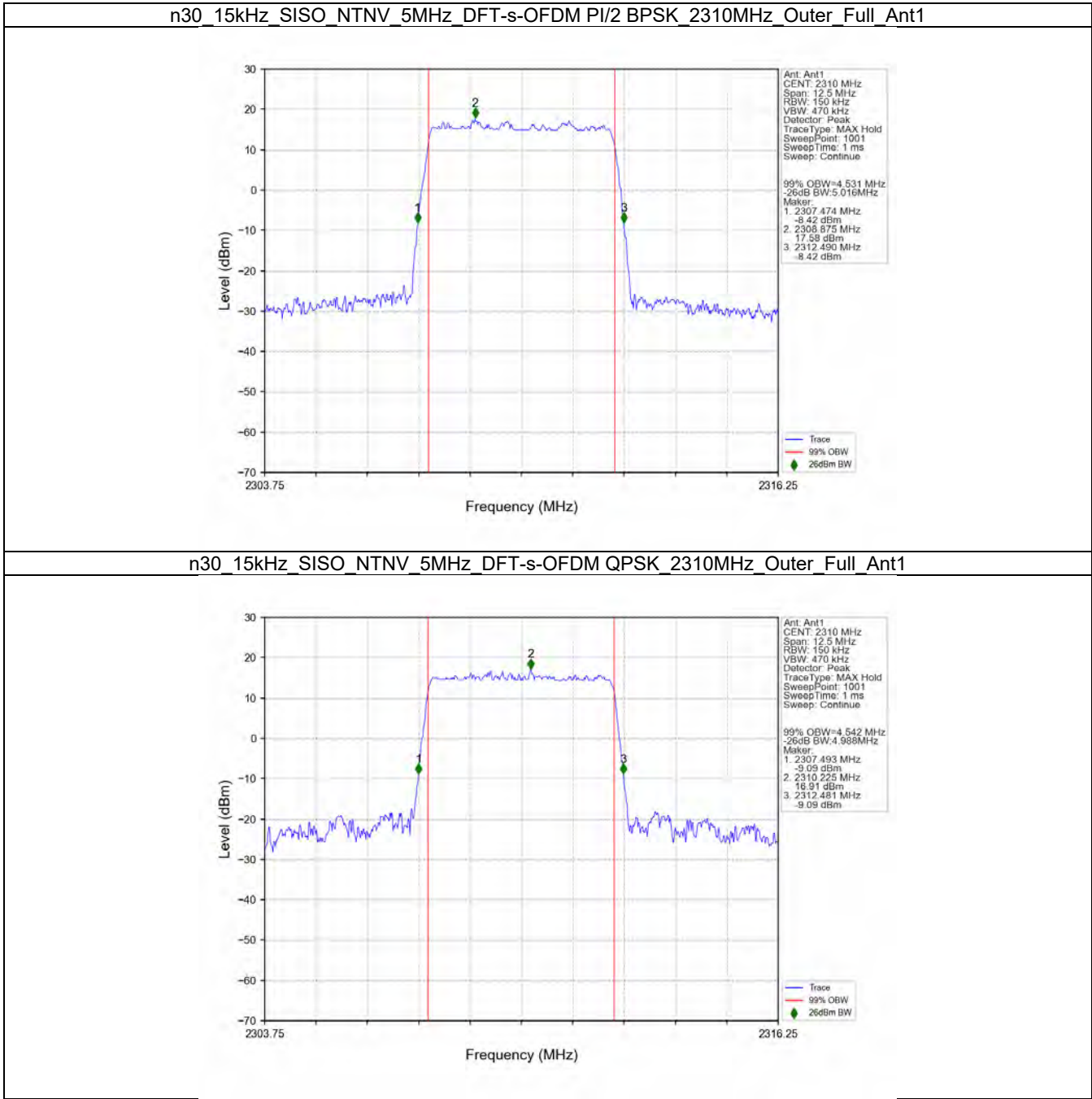
3.1.2 15k_SISO_10MHz_NTNV

5G NR n30 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	9.03	9.72	/	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	9.05	9.71	/	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	9.01	9.73	/	Pass
DFT-s-OFDM 64 QAM	2310	Outer_Full	8.99	9.65	/	Pass
DFT-s-OFDM 256 QAM	2310	Outer_Full	9.02	9.71	/	Pass
CP-OFDM QPSK	2310	Outer_Full	9.41	10.10	/	Pass

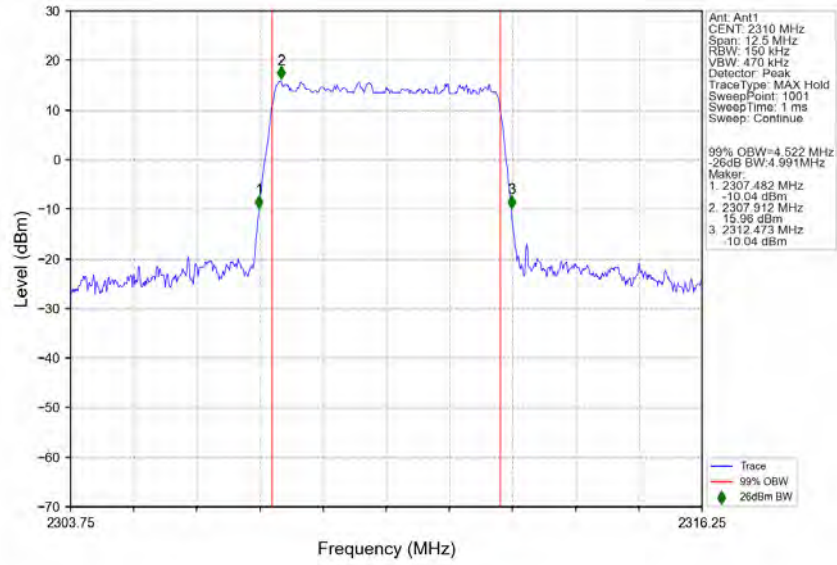
CP-OFDM 16 QAM	2310	Outer Full	9.40	10.11	/	Pass
CP-OFDM 64 QAM	2310	Outer Full	9.37	10.05	/	Pass
CP-OFDM 256 QAM	2310	Outer Full	9.36	10.10	/	Pass

3.2 Test Graph

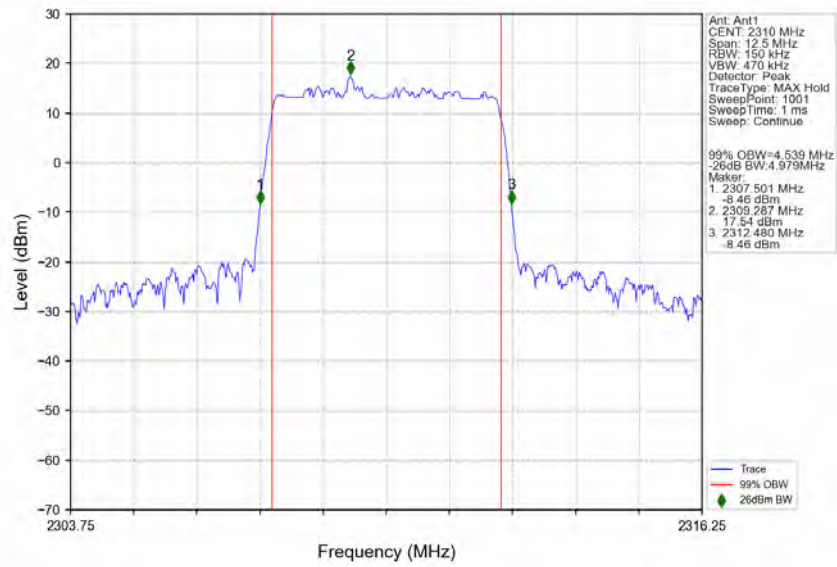
3.2.1 15k_SISO_5MHz_NTNV



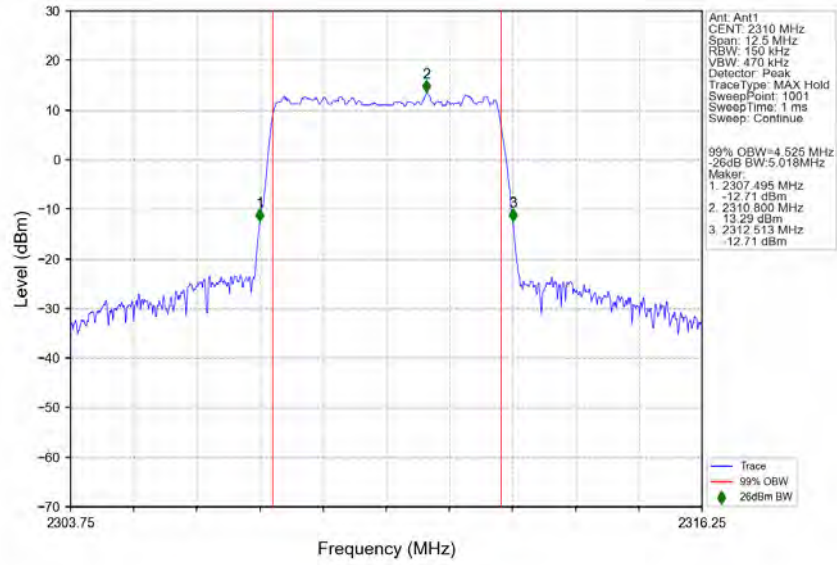
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 2310MHz_Outer_Full_Ant1



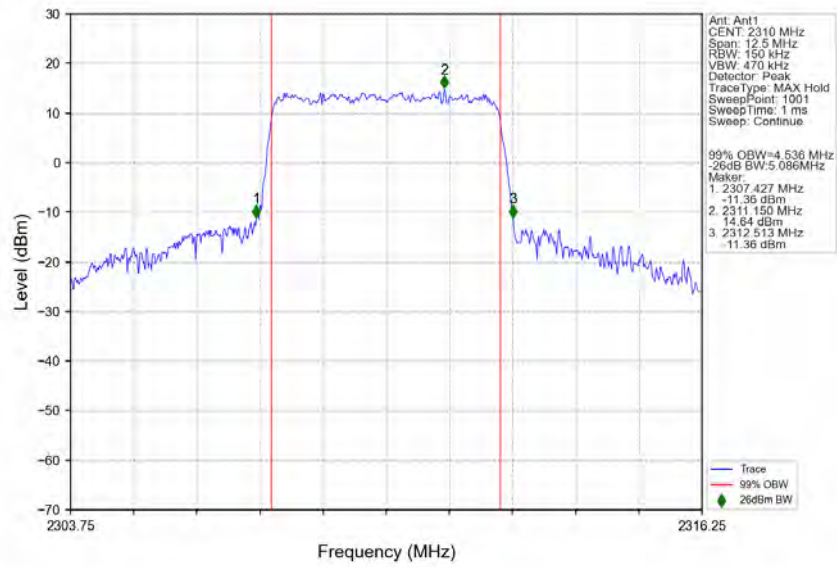
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 2310MHz_Outer_Full_Ant1



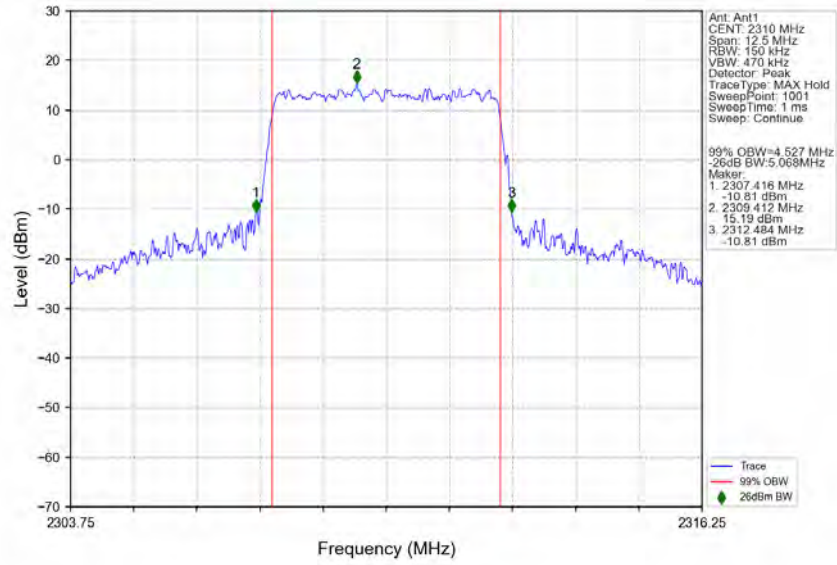
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2310MHz_Outer_Full_Ant1



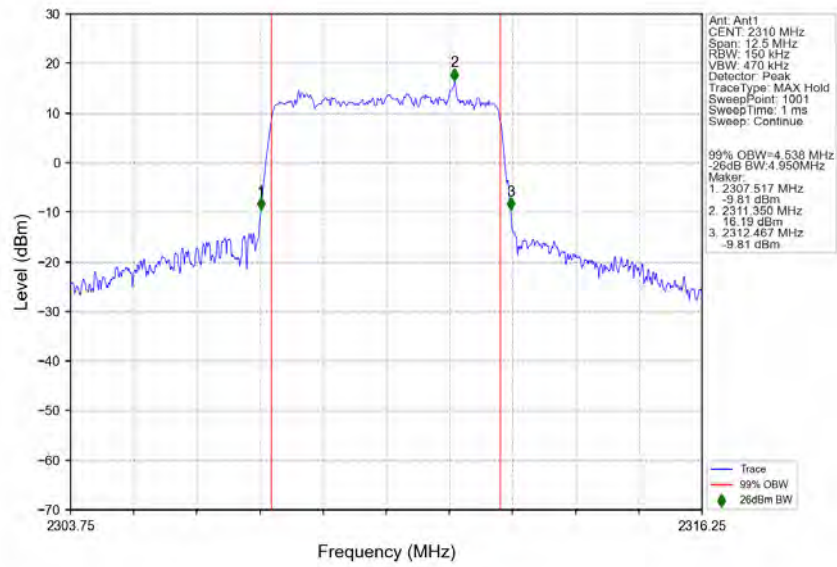
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Outer_Full_Ant1



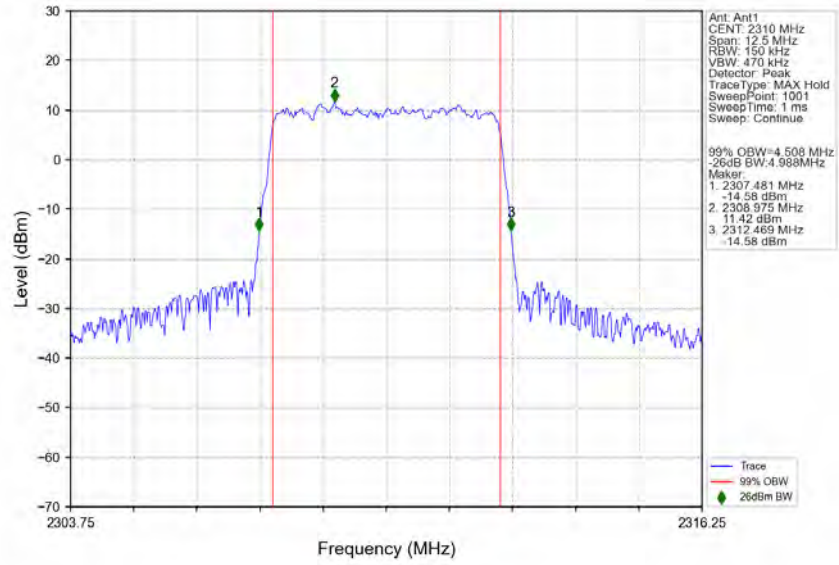
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 2310MHz_Outer_Full_Ant1



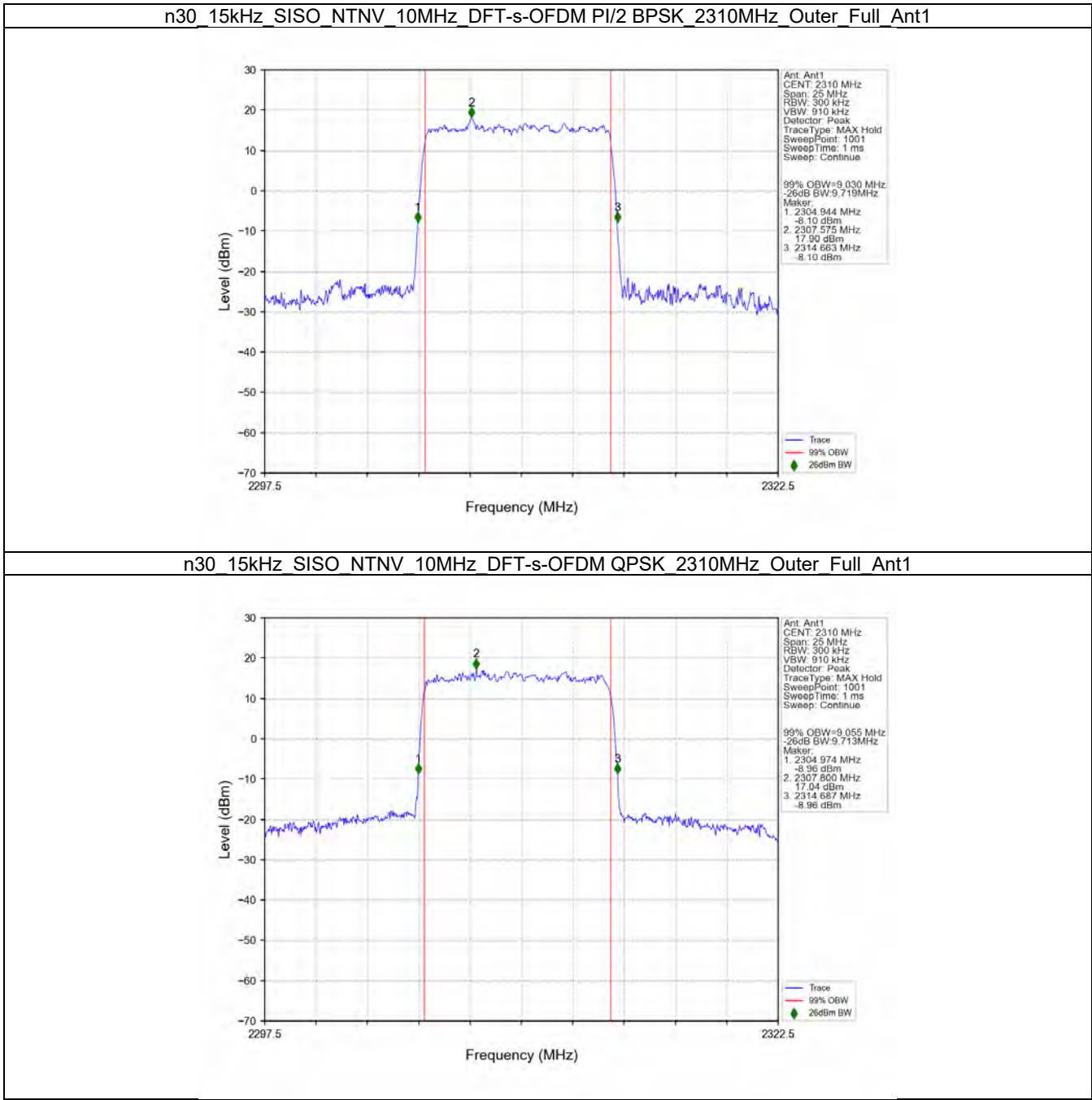
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 2310MHz_Outer_Full_Ant1



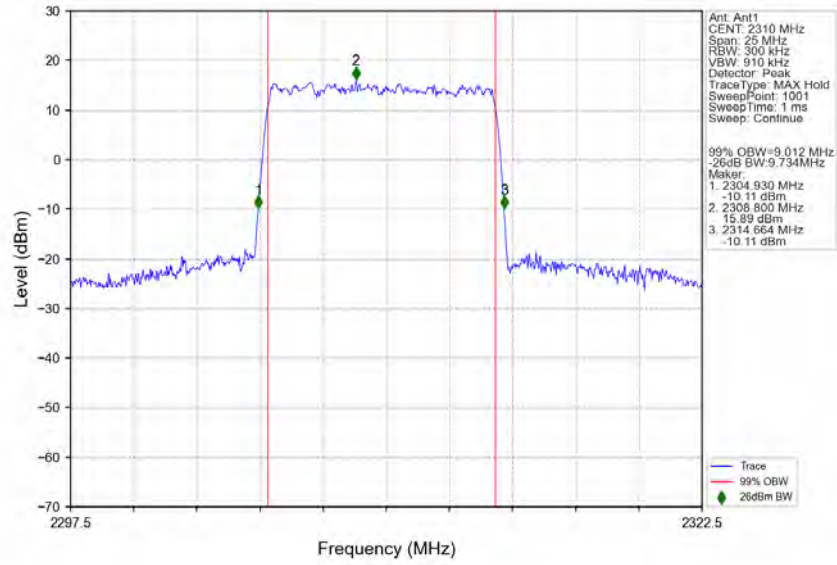
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2310MHz_Outer_Full_Ant1



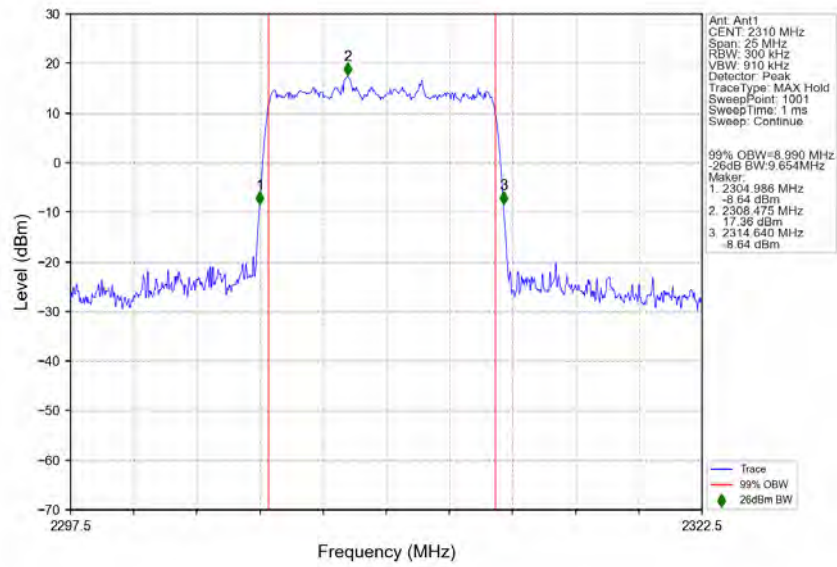
3.2.2 15k_SISO_10MHz_NTNV



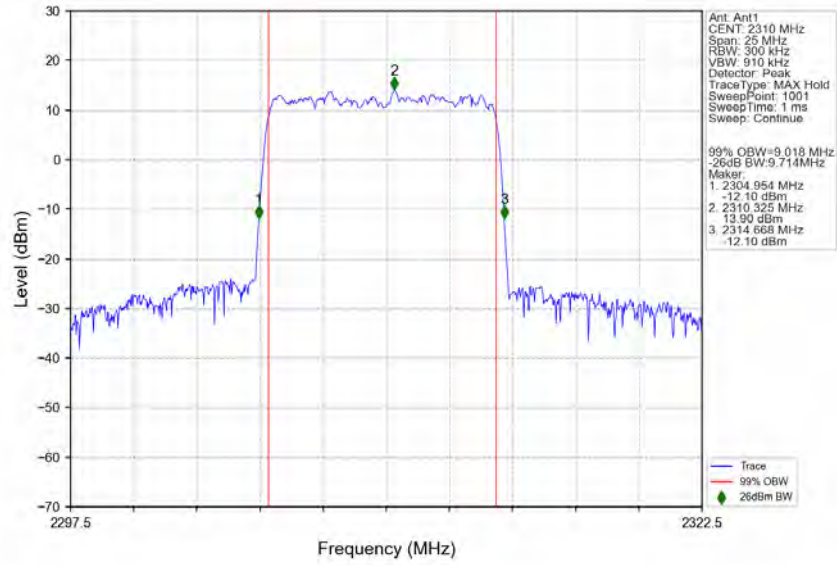
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2310MHz_Outer_Full_Ant1



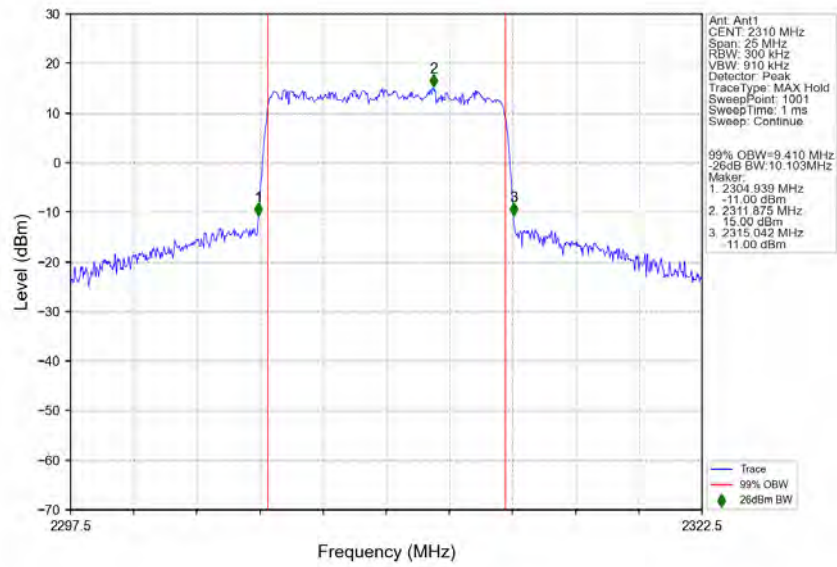
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2310MHz_Outer_Full_Ant1



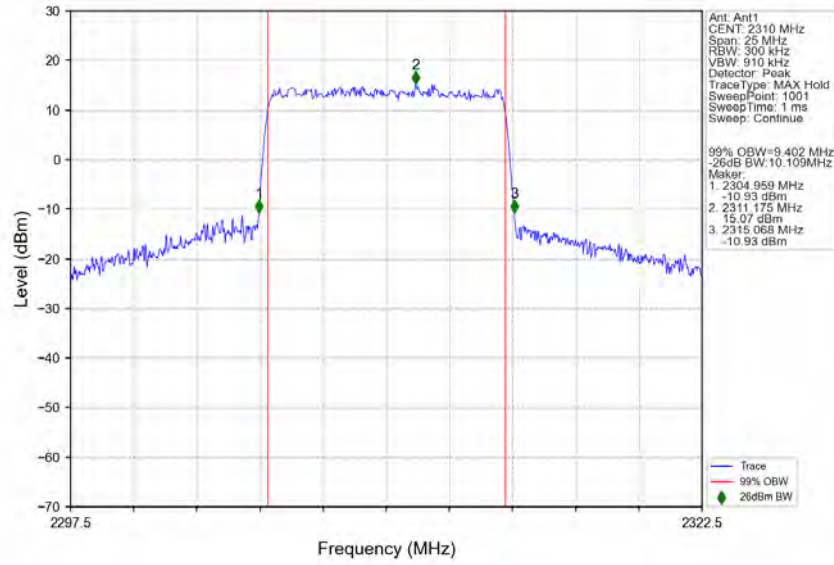
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 2310MHz_Outer_Full_Ant1



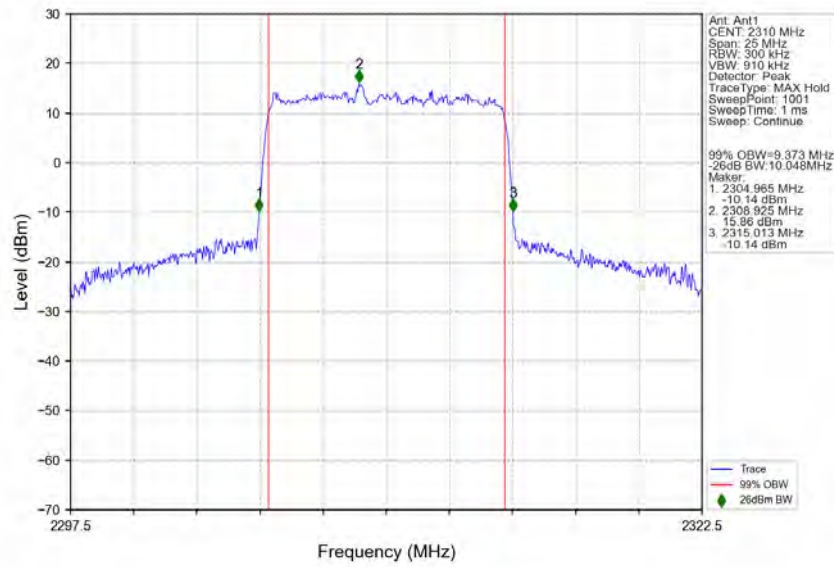
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 2310MHz_Outer_Full_Ant1

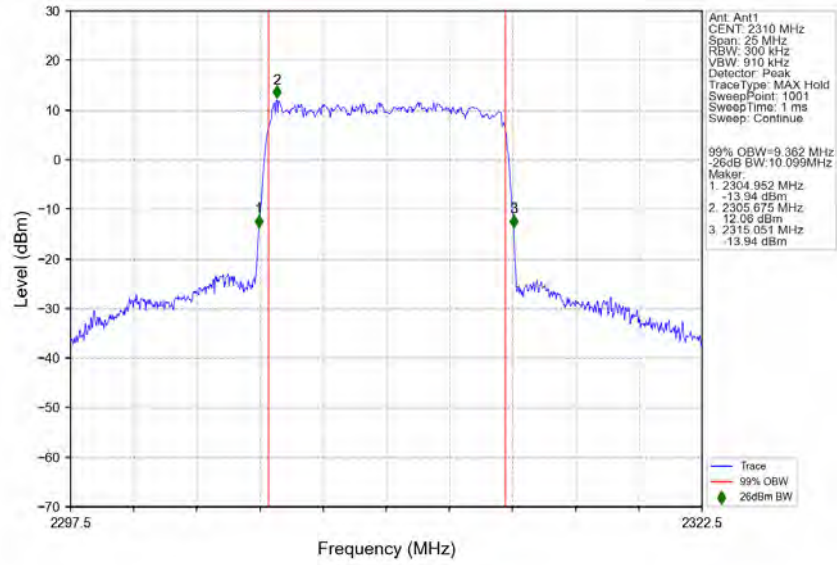


n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2310MHz_Outer_Full_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2310MHz_Outer_Full_Ant1





4. Peak-Average Ratio

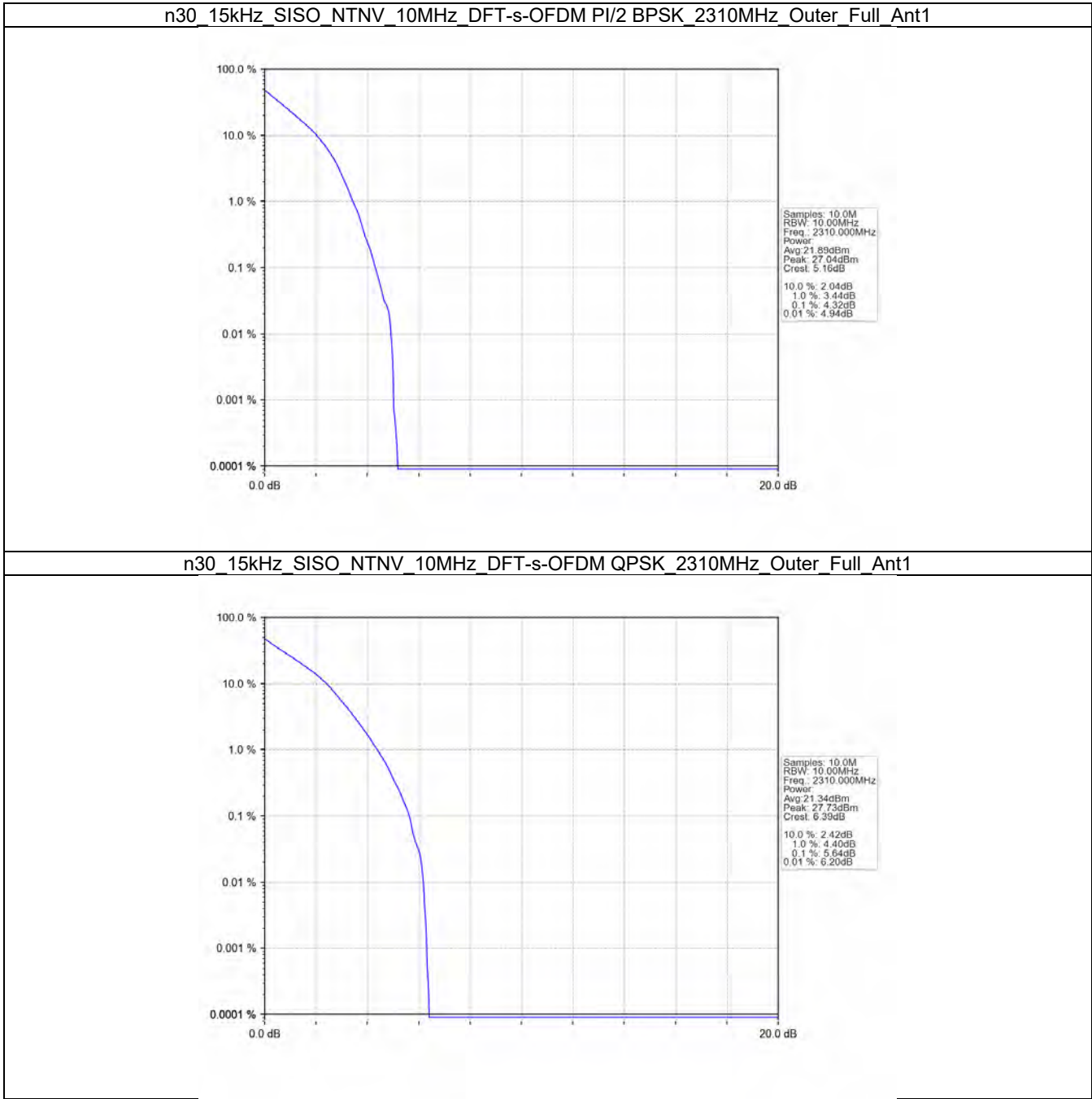
4.1 Test Result

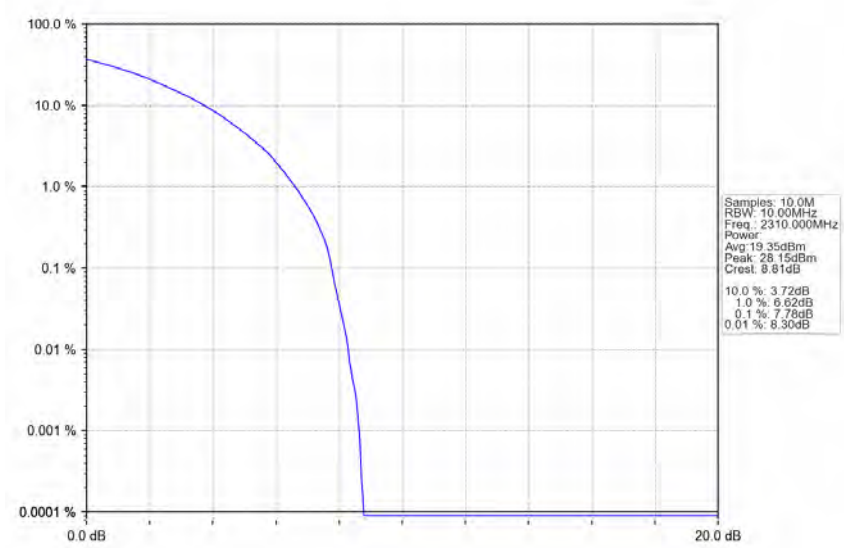
4.1.1 15k_SISO_10MHz_NTNV

5G NR n30 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	4.32	/	/	<=13	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	5.64	/	/	<=13	Pass
CP-OFDM QPSK	2310	Outer_Full	7.78	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

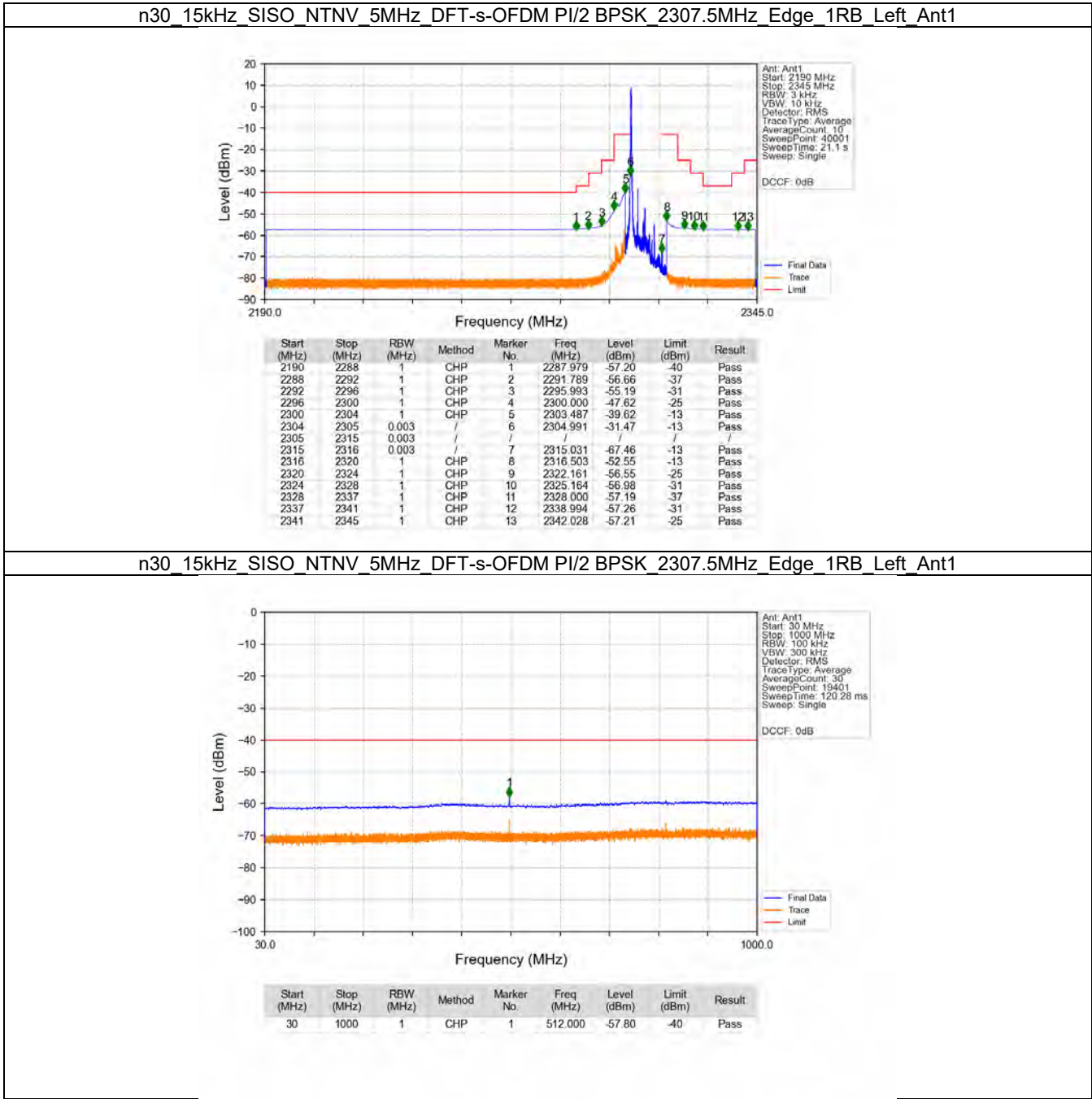
5G NR n30 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2312.5	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2312.5	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2312.5	Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_10MHz_NTNV

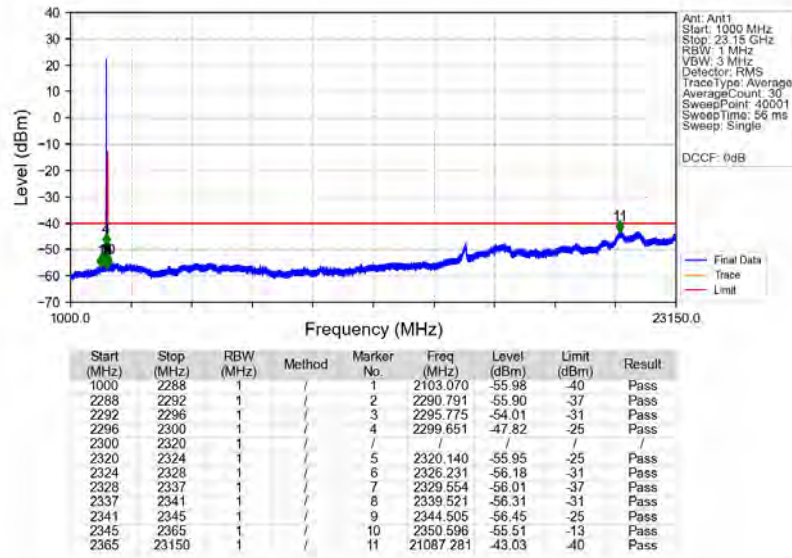
5G NR n30 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

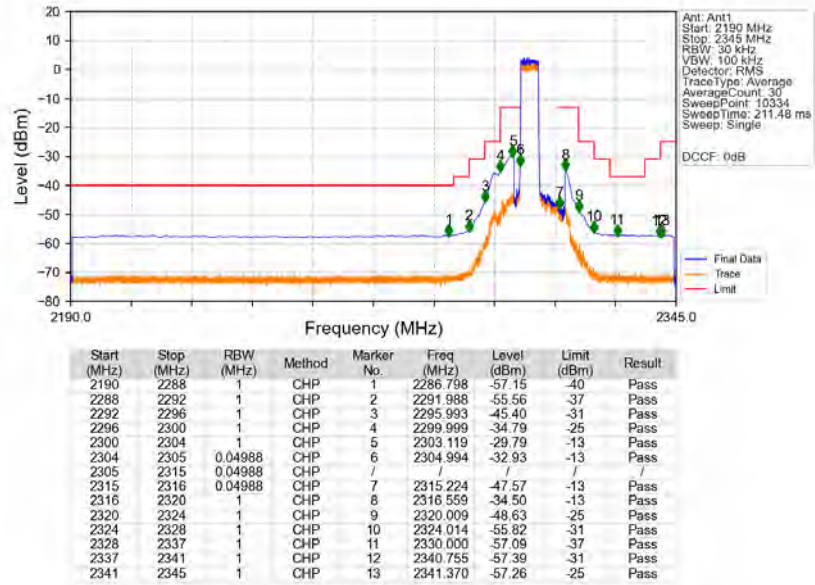
5.2.1 15k_SISO_5MHz_NTNV



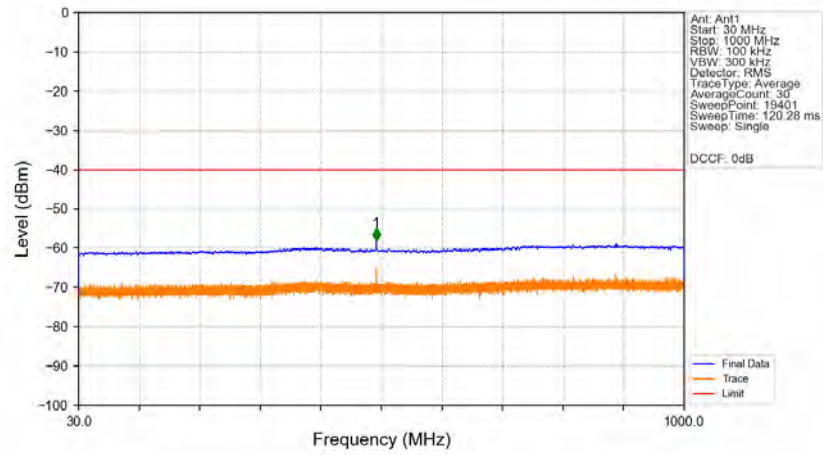
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Outer_Full_Ant1

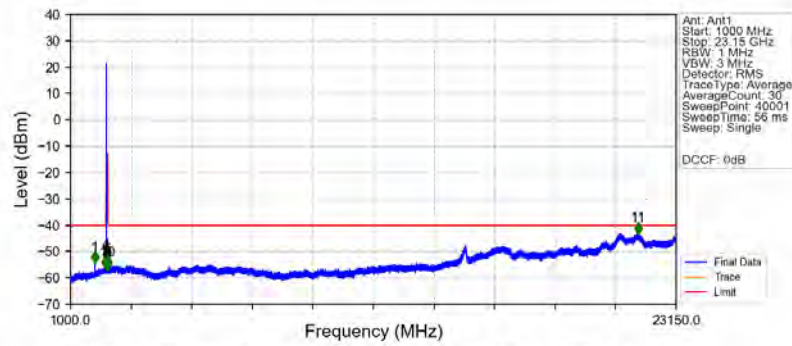


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



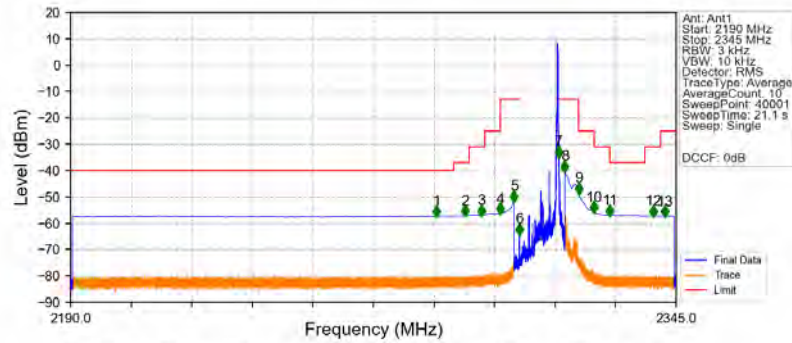
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	506.700	-58.10	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1

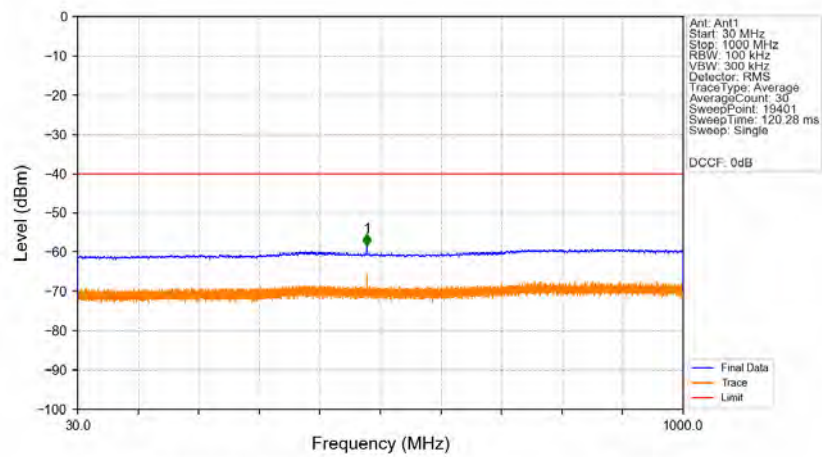


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	1891.537	-53.94	-40	Pass
2288	2292	1	/	2	2291.899	-55.81	-37	Pass
2292	2296	1	/	3	2295.221	-55.68	-31	Pass
2296	2300	1	/	4	2298.544	-53.04	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.694	-54.83	-25	Pass
2324	2328	1	/	6	2324.016	-56.50	-31	Pass
2328	2337	1	/	7	2332.323	-56.27	-37	Pass
2337	2341	1	/	8	2338.414	-56.25	-31	Pass
2341	2345	1	/	9	2344.505	-56.44	-25	Pass
2345	2365	1	/	10	2355.026	-55.84	-13	Pass
2365	23150	1	/	11	21762.303	-42.93	-40	Pass

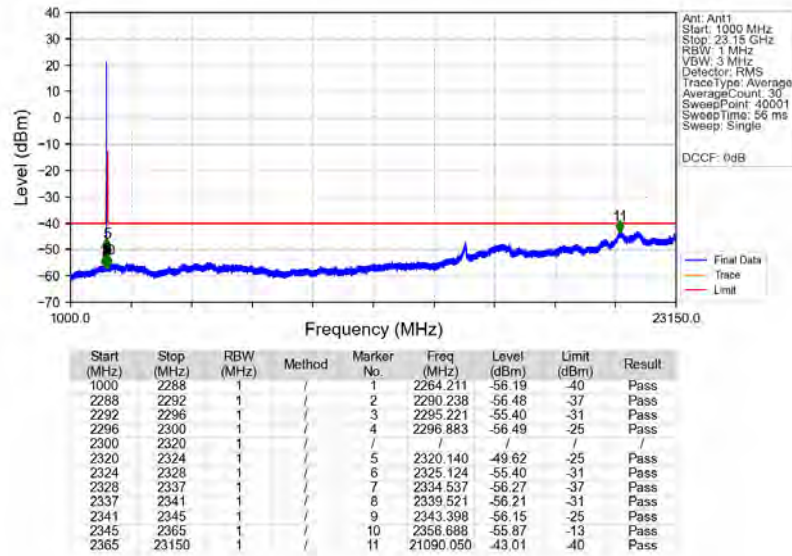
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1



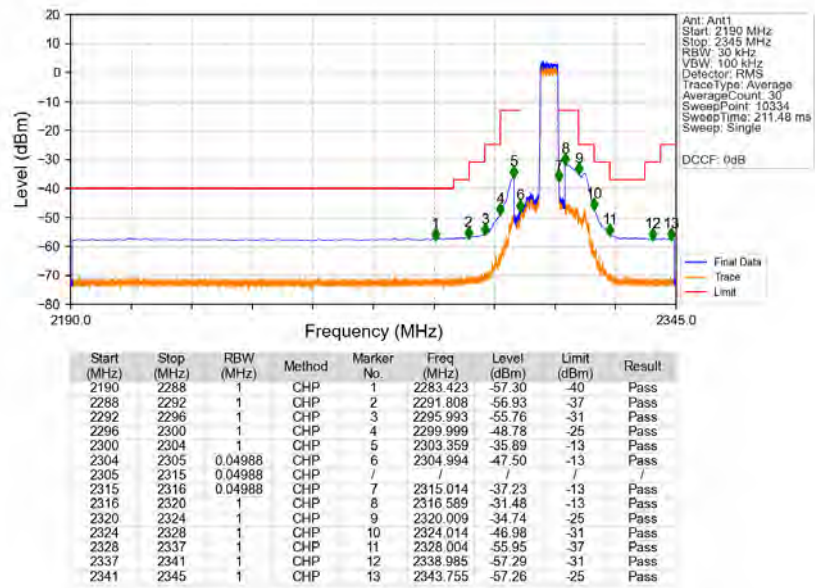
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1



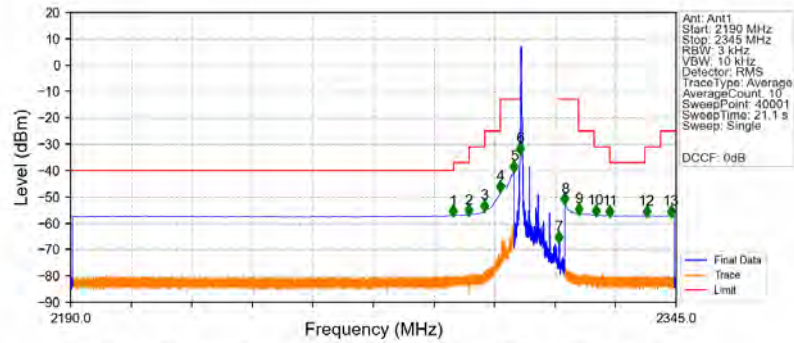
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1



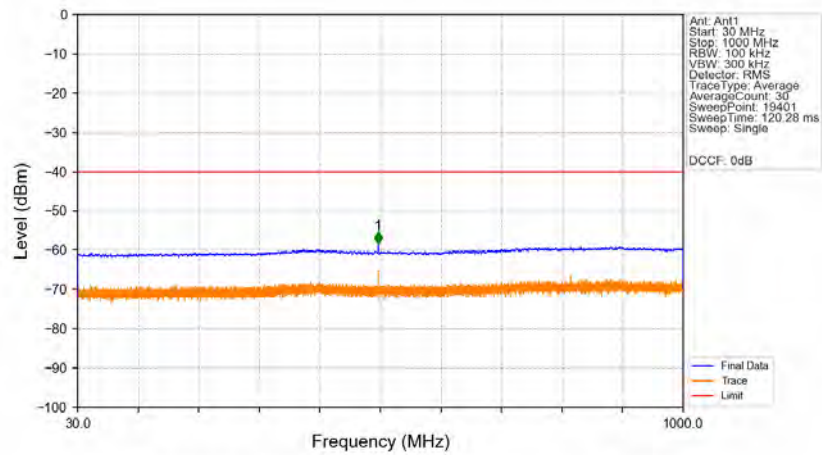
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Outer_Full_Ant1



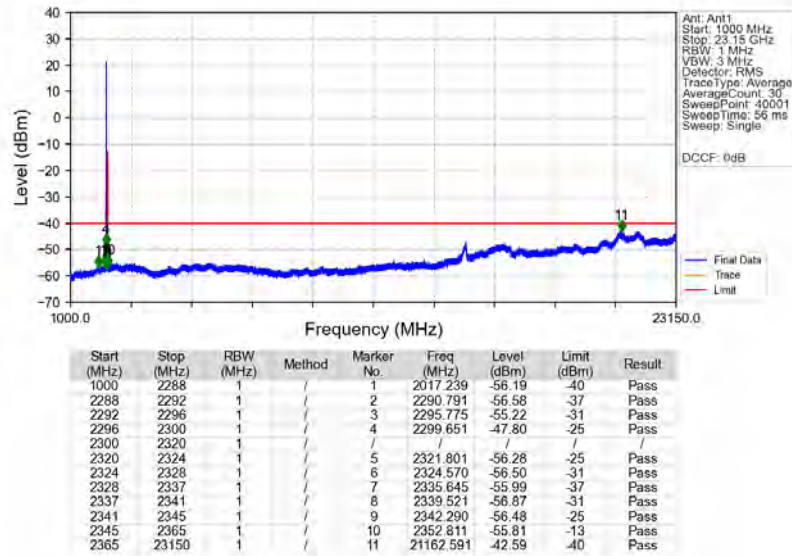
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



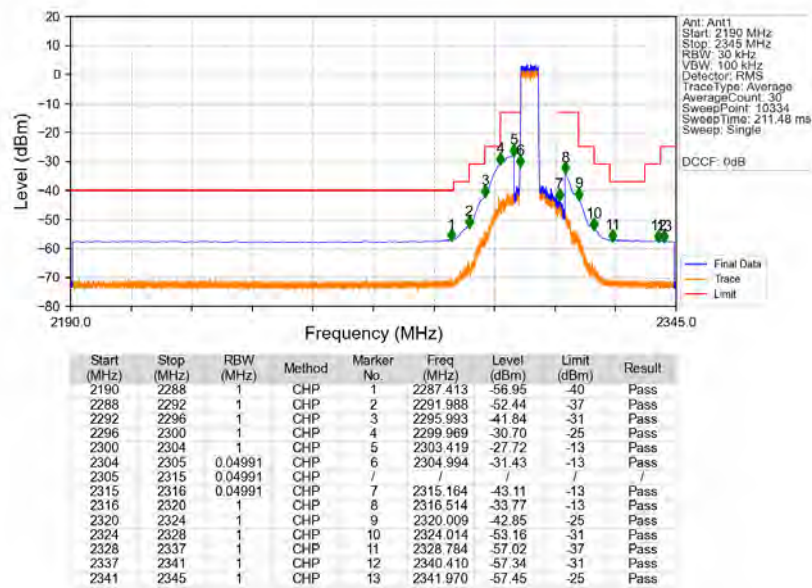
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



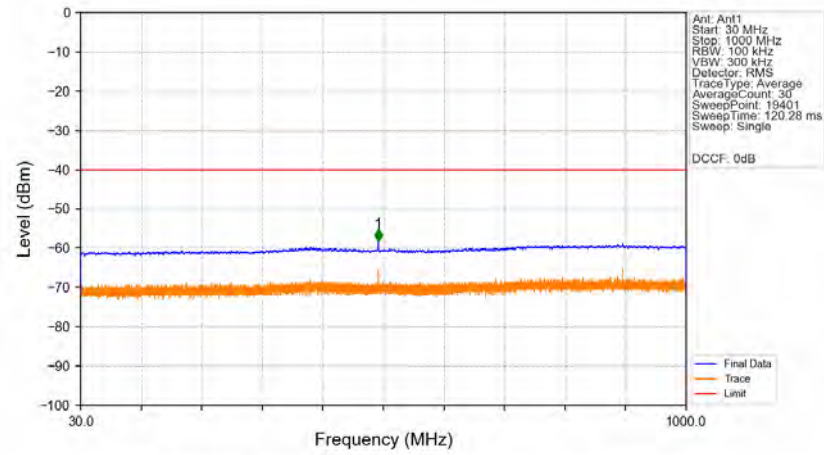
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Outer_Full_Ant1

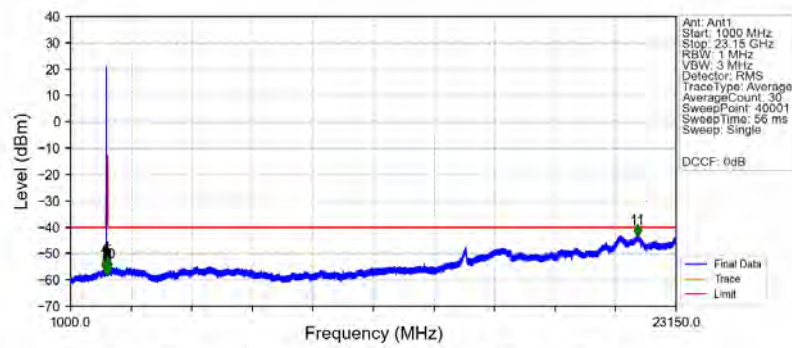


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



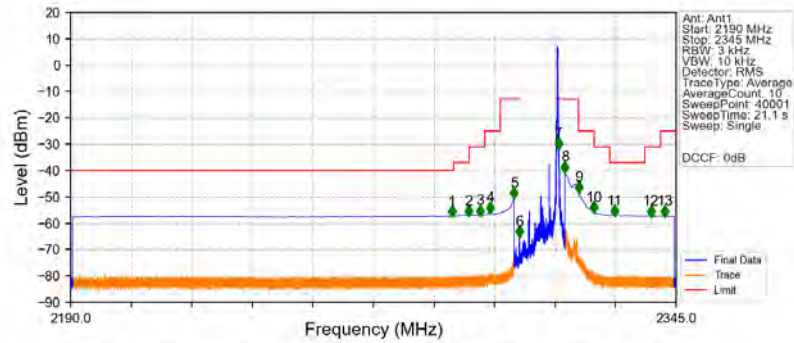
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	506.700	-58.25	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1

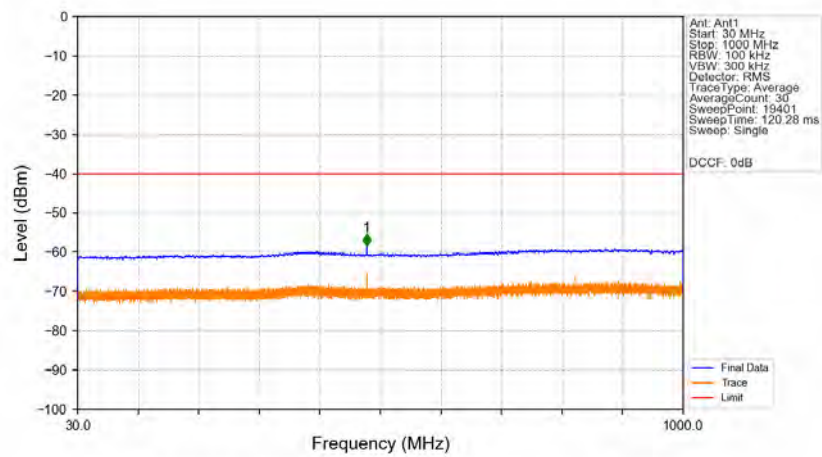


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2281.378	-56.22	-40	Pass
2288	2292	1	/	2	2291.899	-56.27	-37	Pass
2292	2296	1	/	3	2295.221	-55.48	-31	Pass
2296	2300	1	/	4	2299.651	-53.24	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.694	-54.64	-25	Pass
2324	2328	1	/	6	2324.570	-56.27	-31	Pass
2328	2337	1	/	7	2335.645	-56.13	-37	Pass
2337	2341	1	/	8	2337.860	-56.67	-31	Pass
2341	2345	1	/	9	2343.951	-57.57	-25	Pass
2345	2365	1	/	10	2353.365	-55.83	-13	Pass
2365	23150	1	/	11	21731.846	-43.05	-40	Pass

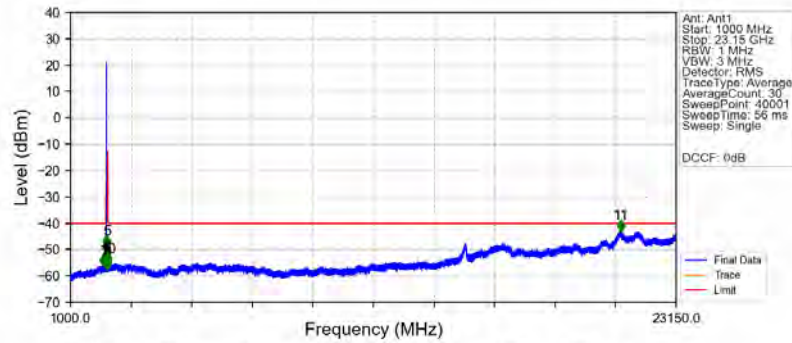
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1

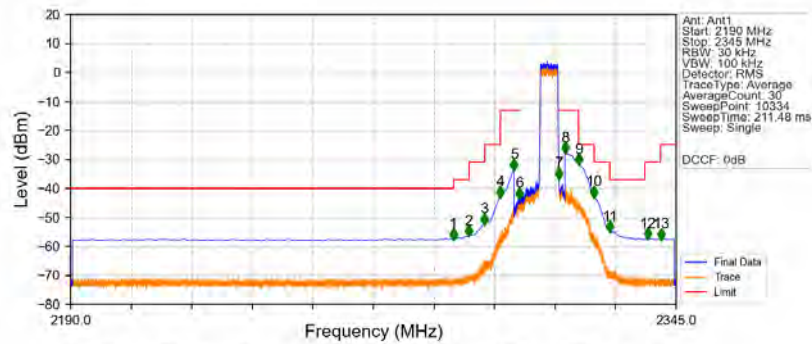


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



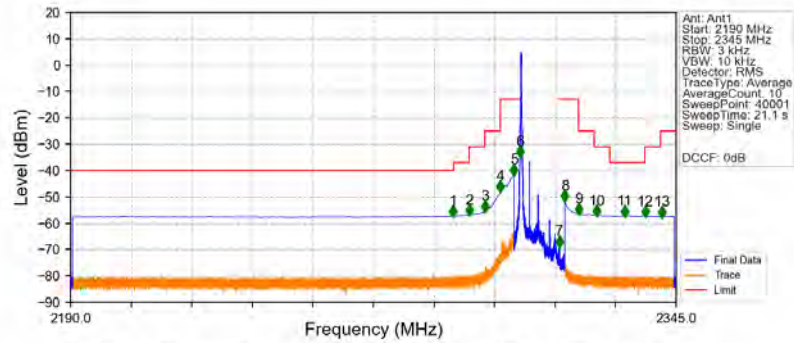
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2214.927	-55.75	-40	Pass
2288	2292	1	/	2	2290.791	-56.19	-37	Pass
2292	2296	1	/	3	2295.221	-56.22	-31	Pass
2296	2300	1	/	4	2296.883	-54.94	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-48.46	-25	Pass
2324	2328	1	/	6	2324.016	-54.89	-31	Pass
2328	2337	1	/	7	2330.108	-56.00	-37	Pass
2337	2341	1	/	8	2340.629	-56.43	-31	Pass
2341	2345	1	/	9	2344.505	-56.97	-25	Pass
2345	2365	1	/	10	2358.903	-55.24	-13	Pass
2365	23150	1	/	11	21126.044	-42.55	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Outer_Full_Ant1

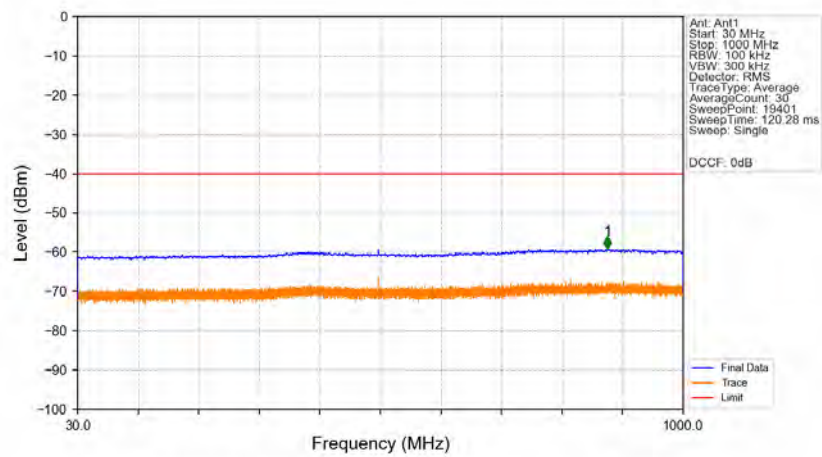


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.983	-57.33	-40	Pass
2288	2292	1	CHP	2	2291.958	-56.21	-37	Pass
2292	2296	1	CHP	3	2295.873	-52.18	-31	Pass
2296	2300	1	CHP	4	2299.999	-42.78	-25	Pass
2300	2304	1	CHP	5	2303.494	-33.44	-13	Pass
2304	2305	0.05086	CHP	6	2304.904	-43.35	-13	Pass
2305	2315	0.05086	CHP	/	/	/	/	/
2315	2316	0.05086	CHP	7	2315.014	-36.33	-13	Pass
2316	2320	1	CHP	8	2316.574	-27.58	-13	Pass
2320	2324	1	CHP	9	2320.009	-31.52	-25	Pass
2324	2328	1	CHP	10	2324.014	-42.72	-31	Pass
2328	2337	1	CHP	11	2328.004	-54.73	-37	Pass
2337	2341	1	CHP	12	2337.680	-57.24	-31	Pass
2341	2345	1	CHP	13	2341.205	-57.39	-25	Pass

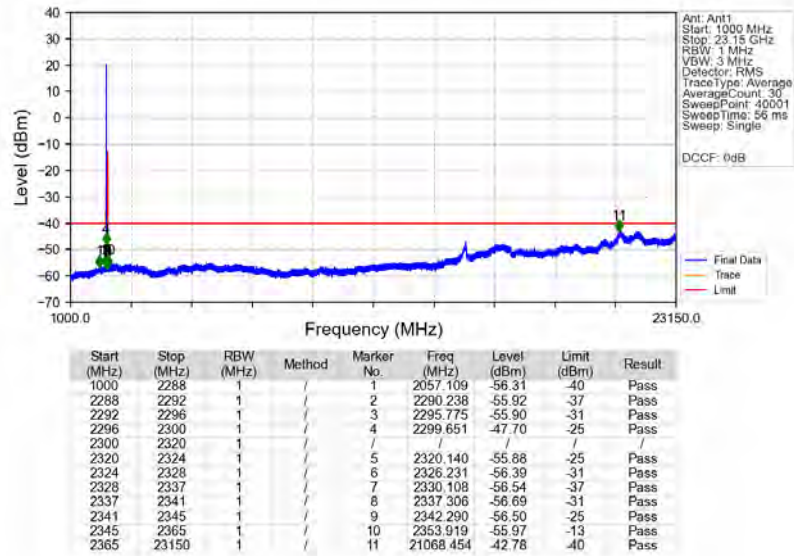
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



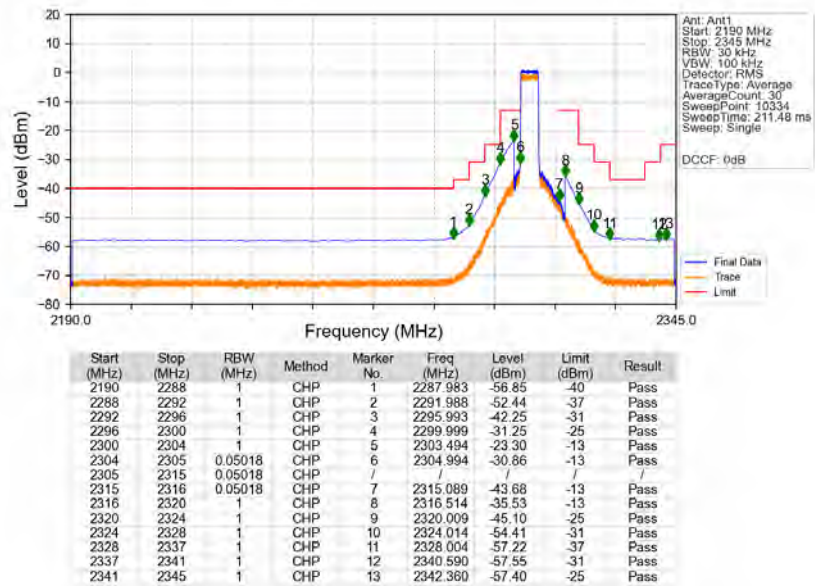
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



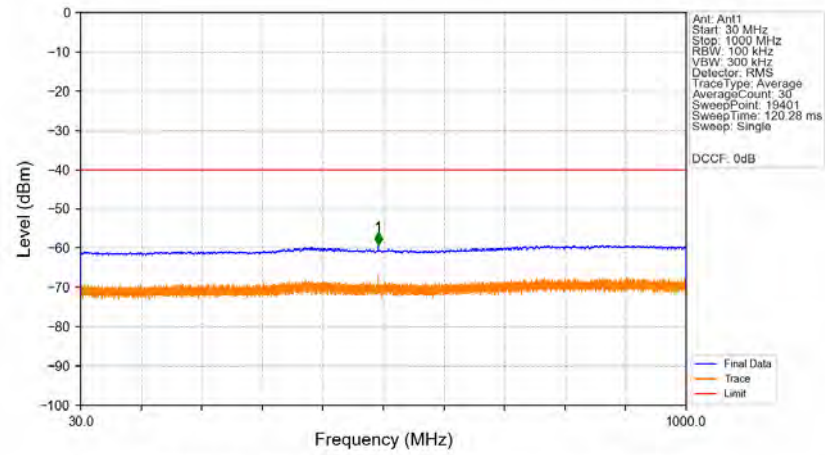
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Outer_Full_Ant1

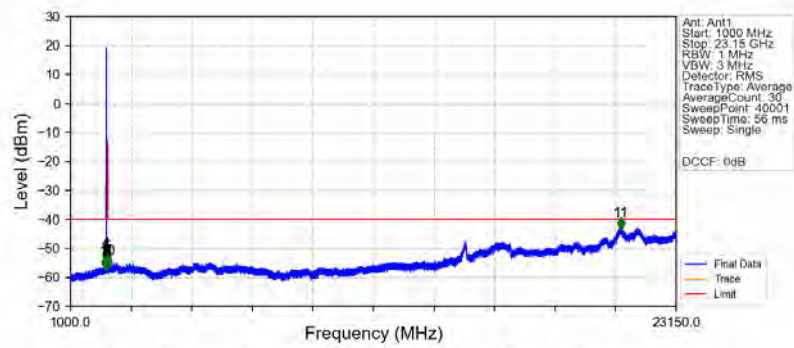


n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



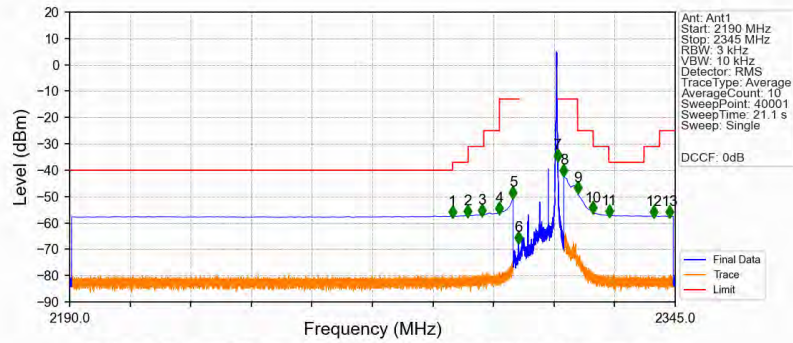
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	506.850	-59.11	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1

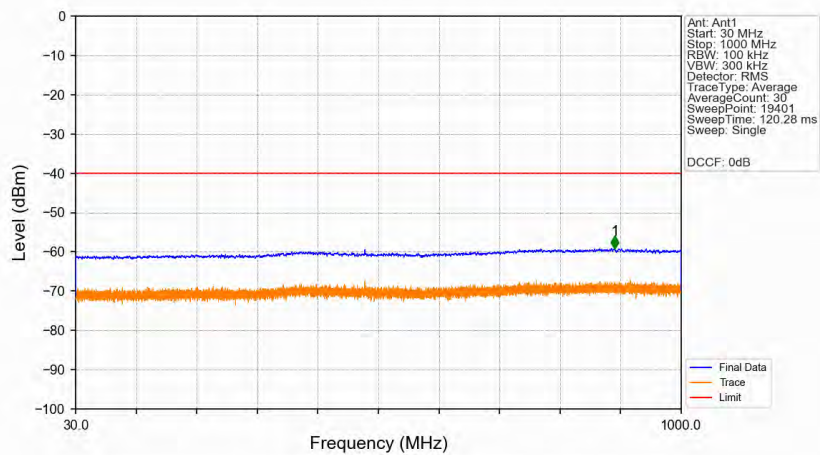


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2279.716	-56.33	-40	Pass
2288	2292	1	/	2	2289.684	-56.82	-37	Pass
2292	2296	1	/	3	2295.775	-56.10	-31	Pass
2296	2300	1	/	4	2299.651	-53.35	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-54.57	-25	Pass
2324	2328	1	/	6	2324.016	-56.35	-31	Pass
2328	2337	1	/	7	2336.753	-56.52	-37	Pass
2337	2341	1	/	8	2337.306	-57.04	-31	Pass
2341	2345	1	/	9	2343.951	-56.86	-25	Pass
2345	2365	1	/	10	2352.811	-55.88	-13	Pass
2365	23150	1	/	11	21134.350	-42.93	-40	Pass

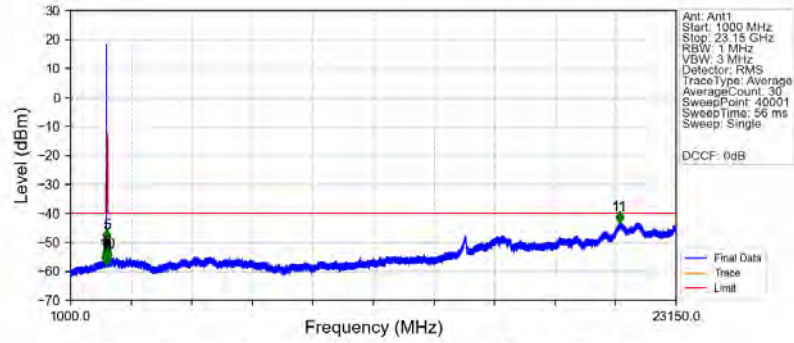
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1

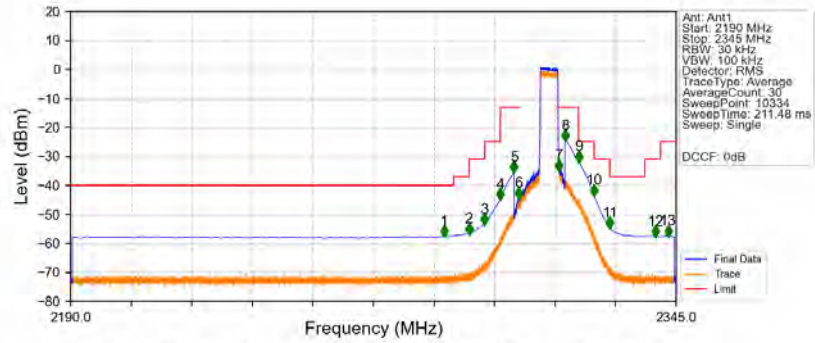


n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



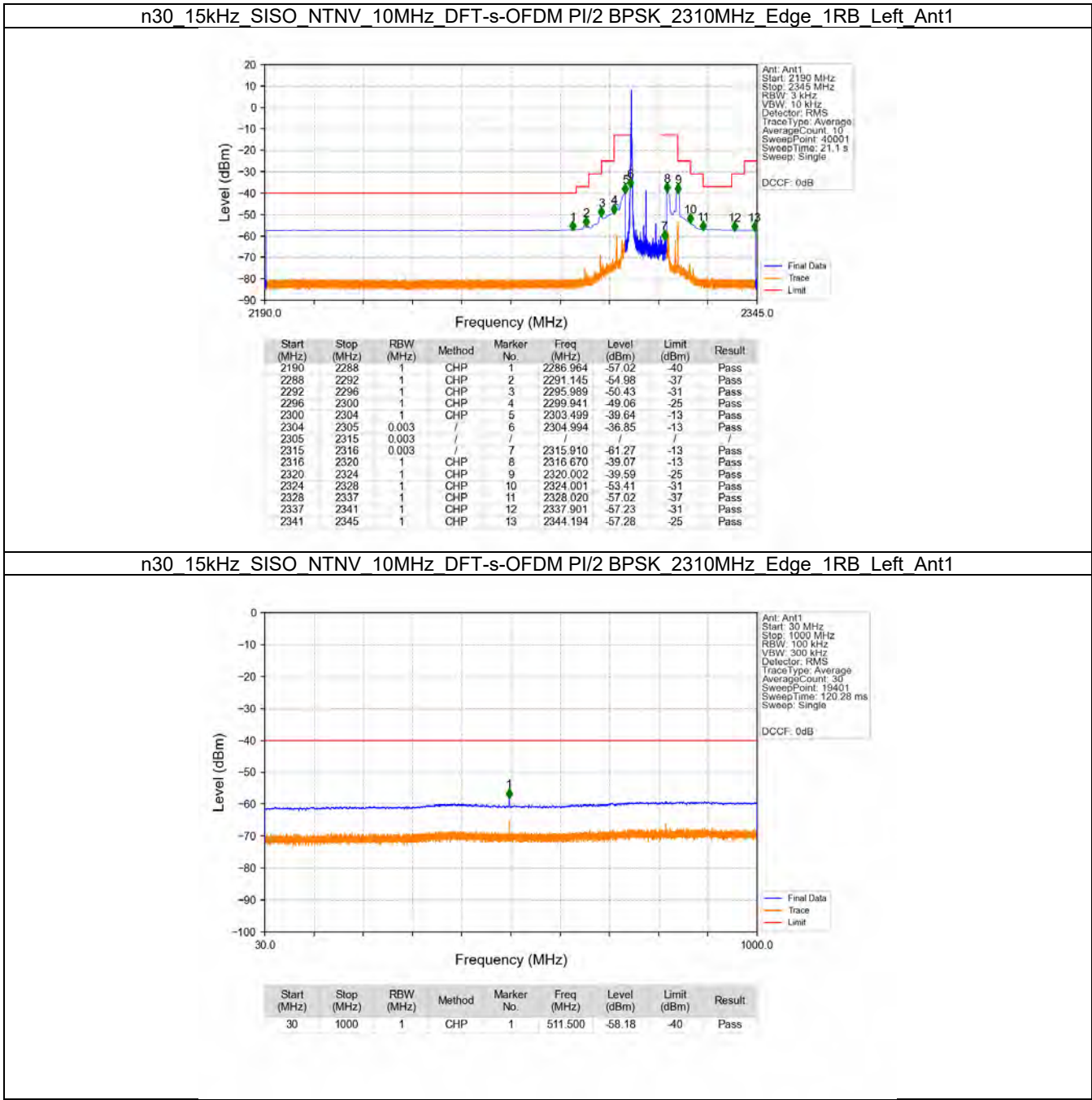
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2284.700	-56.43	-40	Pass
2288	2292	1	/	2	2288.023	-56.95	-37	Pass
2292	2296	1	/	3	2295.775	-56.78	-31	Pass
2296	2300	1	/	4	2298.544	-55.24	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-49.05	-25	Pass
2324	2328	1	/	6	2324.016	-54.83	-31	Pass
2328	2337	1	/	7	2333.430	-56.47	-37	Pass
2337	2341	1	/	8	2340.075	-57.12	-31	Pass
2341	2345	1	/	9	2344.505	-56.84	-25	Pass
2345	2365	1	/	10	2355.580	-55.67	-13	Pass
2365	23150	1	/	11	21084.513	-42.91	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Outer_Full_Ant1

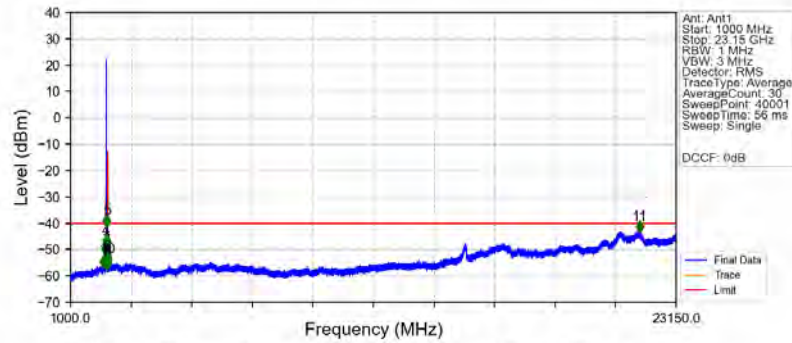


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.643	-57.46	-40	Pass
2288	2292	1	CHP	2	2291.988	-56.58	-37	Pass
2292	2296	1	CHP	3	2295.948	-53.30	-31	Pass
2296	2300	1	CHP	4	2299.999	-44.61	-25	Pass
2300	2304	1	CHP	5	2303.494	-35.28	-13	Pass
2304	2305	0.04979	CHP	6	2304.739	-44.22	-13	Pass
2305	2315	0.04979	CHP	/	/	/	/	/
2315	2316	0.04979	CHP	7	2315.014	-34.56	-13	Pass
2316	2320	1	CHP	8	2316.514	-24.37	-13	Pass
2320	2324	1	CHP	9	2320.009	-31.65	-25	Pass
2324	2328	1	CHP	10	2324.014	-43.31	-31	Pass
2328	2337	1	CHP	11	2328.004	-54.53	-37	Pass
2337	2341	1	CHP	12	2339.690	-57.47	-31	Pass
2341	2345	1	CHP	13	2342.960	-57.41	-25	Pass

5.2.2 15k_SISO_10MHz_NTNV

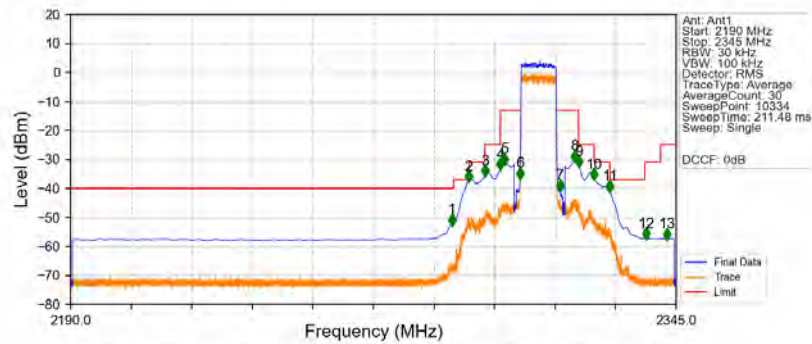


n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



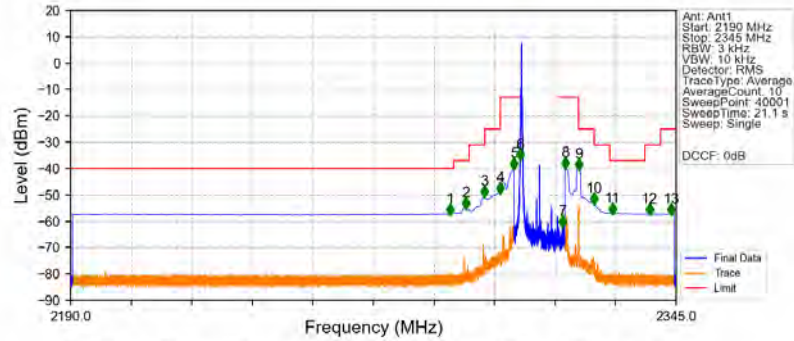
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2211.605	-56.15	-40	Pass
2288	2292	1	/	2	2291.345	-54.90	-37	Pass
2292	2296	1	/	3	2295.775	-51.65	-31	Pass
2296	2300	1	/	4	2299.651	-48.28	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-40.67	-25	Pass
2324	2328	1	/	6	2324.016	-54.27	-31	Pass
2328	2337	1	/	7	2330.108	-55.94	-37	Pass
2337	2341	1	/	8	2338.414	-56.44	-31	Pass
2341	2345	1	/	9	2341.736	-56.95	-25	Pass
2345	2365	1	/	10	2352.258	-55.34	-13	Pass
2365	23150	1	/	11	21805.495	-43.06	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Outer_Full_Ant1



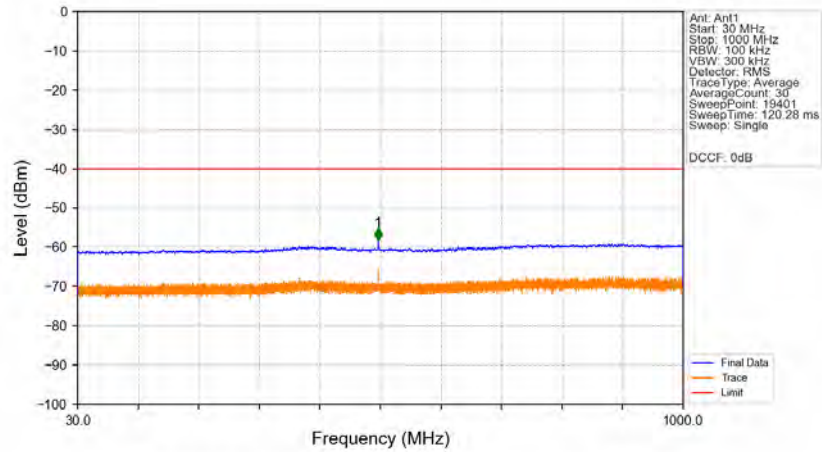
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.593	-52.37	-40	Pass
2288	2292	1	CHP	2	2291.898	-37.46	-37	Pass
2292	2296	1	CHP	3	2295.993	-35.47	-31	Pass
2296	2300	1	CHP	4	2299.999	-33.27	-25	Pass
2300	2304	1	CHP	5	2301.004	-31.46	-13	Pass
2304	2305	0.09719	CHP	6	2304.994	-36.39	-13	Pass
2305	2315	0.09719	CHP	/	/	/	/	/
2315	2316	0.09719	CHP	7	2315.269	-40.61	-13	Pass
2316	2320	1	CHP	8	2319.004	-30.43	-13	Pass
2320	2324	1	CHP	9	2320.009	-32.26	-25	Pass
2324	2328	1	CHP	10	2324.014	-36.73	-31	Pass
2328	2337	1	CHP	11	2328.004	-40.87	-37	Pass
2337	2341	1	CHP	12	2337.350	-57.24	-31	Pass
2341	2345	1	CHP	13	2342.645	-57.28	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



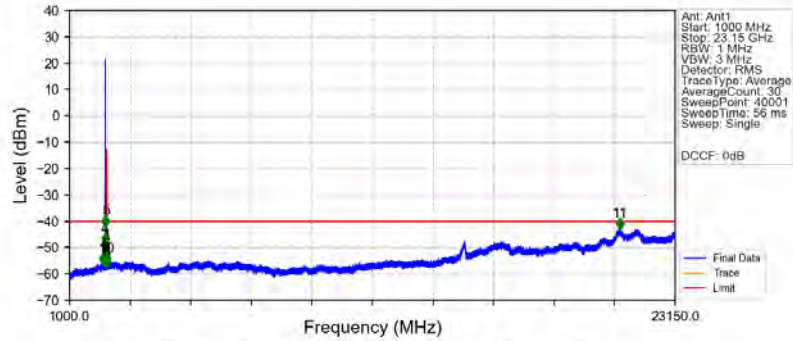
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.142	-57.13	-40	Pass
2288	2292	1	CHP	2	2291.157	-54.86	-37	Pass
2292	2296	1	CHP	3	2295.985	-50.44	-31	Pass
2296	2300	1	CHP	4	2299.972	-49.06	-25	Pass
2300	2304	1	CHP	5	2303.499	-39.81	-13	Pass
2304	2305	0.003	/	6	2304.994	-36.40	-13	Pass
2305	2315	0.003	/	7	2315.934	-61.87	-13	Pass
2315	2316	0.003	/	8	2316.670	-39.49	-13	Pass
2316	2320	1	CHP	9	2320.002	-40.09	-25	Pass
2320	2324	1	CHP	10	2324.001	-53.09	-31	Pass
2324	2328	1	CHP	11	2328.678	-57.03	-37	Pass
2328	2337	1	CHP	12	2338.161	-57.26	-31	Pass
2337	2341	1	CHP	13	2343.752	-57.25	-25	Pass
2341	2345	1	CHP					

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



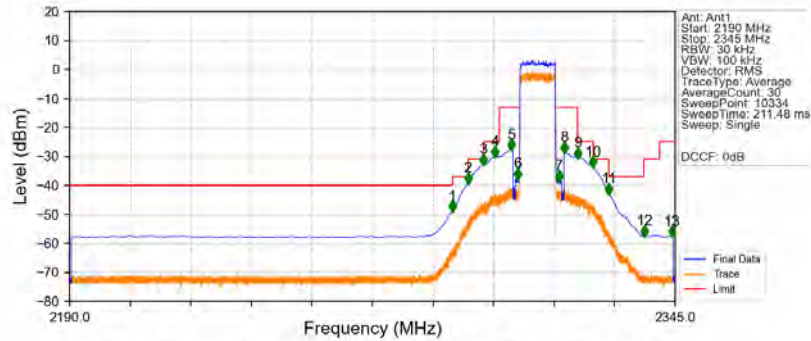
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	511.600	-58.20	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



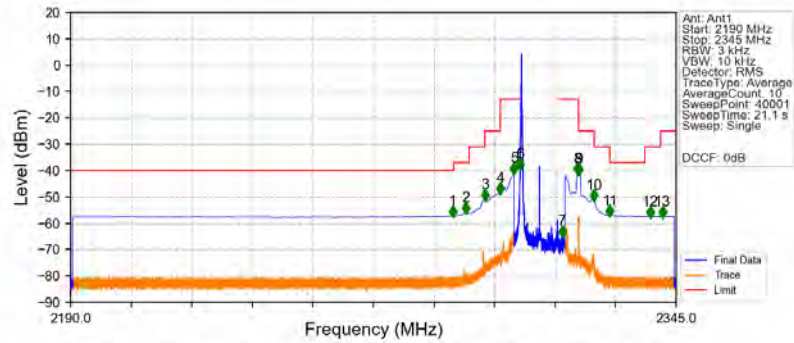
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2238.185	-56.11	-40	Pass
2288	2292	1	/	2	2291.345	-54.97	-37	Pass
2292	2296	1	/	3	2295.775	-50.65	-31	Pass
2296	2300	1	/	4	2299.651	-48.36	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-41.55	-25	Pass
2324	2328	1	/	6	2324.016	-54.26	-31	Pass
2328	2337	1	/	7	2334.537	-56.14	-37	Pass
2337	2341	1	/	8	2338.968	-57.15	-31	Pass
2341	2345	1	/	9	2344.505	-56.91	-25	Pass
2345	2365	1	/	10	2352.258	-56.00	-13	Pass
2365	23150	1	/	11	21136.565	-42.73	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Outer_Full_Ant1



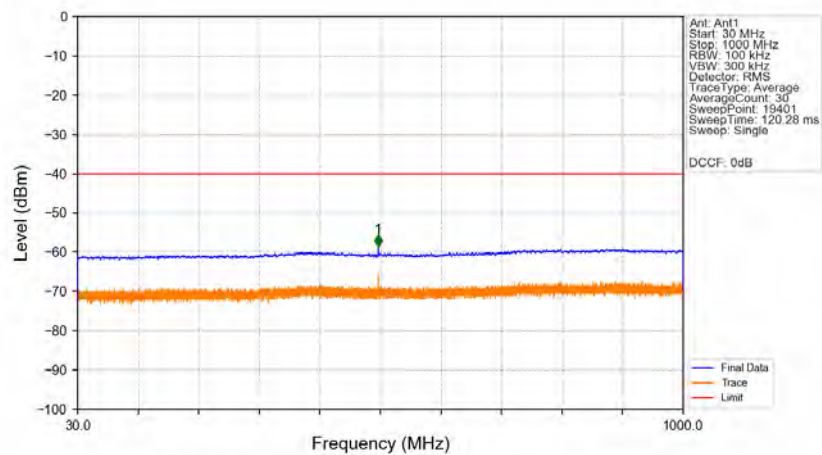
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.998	-48.83	-40	Pass
2288	2292	1	CHP	2	2291.988	-39.04	-37	Pass
2292	2296	1	CHP	3	2295.858	-32.72	-31	Pass
2296	2300	1	CHP	4	2298.859	-29.90	-25	Pass
2300	2304	1	CHP	5	2303.089	-27.61	-13	Pass
2304	2305	0.09713	CHP	6	2304.754	-37.66	-13	Pass
2305	2315	0.09713	CHP	/	/	/	/	/
2315	2316	0.09713	CHP	7	2315.284	-38.29	-13	Pass
2316	2320	1	CHP	8	2316.604	-28.47	-13	Pass
2320	2324	1	CHP	9	2320.009	-30.43	-25	Pass
2324	2328	1	CHP	10	2324.014	-33.51	-31	Pass
2328	2337	1	CHP	11	2328.004	-42.71	-37	Pass
2337	2341	1	CHP	12	2337.110	-57.33	-31	Pass
2341	2345	1	CHP	13	2344.235	-57.49	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



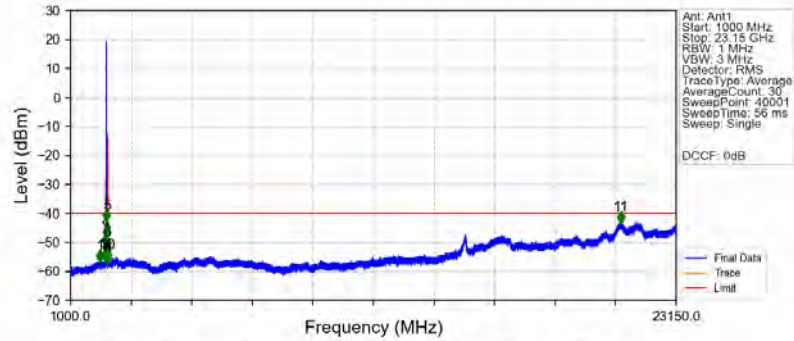
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.758	-57.29	-40	Pass
2288	2292	1	CHP	2	2291.137	-55.83	-37	Pass
2292	2296	1	CHP	3	2295.997	-50.94	-31	Pass
2296	2300	1	CHP	4	2300.000	-48.45	-25	Pass
2300	2304	1	CHP	5	2303.499	-40.89	-13	Pass
2304	2305	0.003	/	6	2304.991	-39.29	-13	Pass
2305	2315	0.003	/	/	/	/	/	/
2315	2316	0.003	/	7	2315.798	-64.86	-13	Pass
2316	2320	1	CHP	8	2319.626	-41.07	-13	Pass
2320	2324	1	CHP	9	2320.002	-41.18	-25	Pass
2324	2328	1	CHP	10	2324.001	-51.11	-31	Pass
2328	2337	1	CHP	11	2328.000	-57.11	-37	Pass
2337	2341	1	CHP	12	2338.370	-57.42	-31	Pass
2341	2345	1	CHP	13	2341.431	-57.47	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



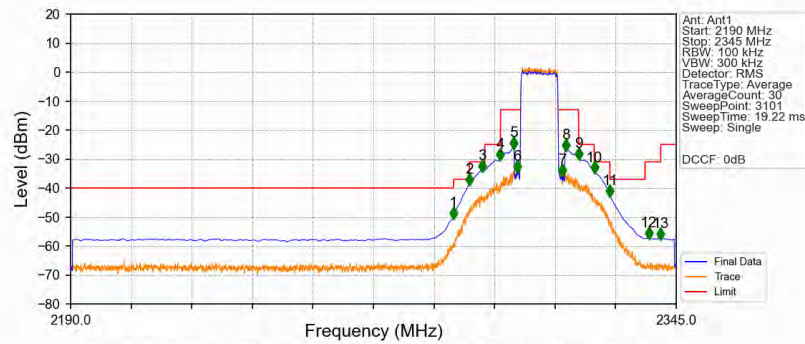
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	511.600	-58.65	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2078.705	-56.25	-40	Pass
2288	2292	1	/	2	2290.791	-55.55	-37	Pass
2292	2296	1	/	3	2295.775	-50.65	-31	Pass
2296	2300	1	/	4	2299.651	-47.80	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-42.29	-25	Pass
2324	2328	1	/	6	2324.016	-51.57	-31	Pass
2328	2337	1	/	7	2329.554	-56.13	-37	Pass
2337	2341	1	/	8	2339.521	-56.85	-31	Pass
2341	2345	1	/	9	2343.398	-57.06	-25	Pass
2345	2365	1	/	10	2352.811	-56.04	-13	Pass
2365	23150	1	/	11	21134.350	-42.93	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-50.17	-40	Pass
2288	2292	1	CHP	2	2292.000	-38.51	-37	Pass
2292	2296	1	CHP	3	2295.300	-33.95	-31	Pass
2296	2300	1	CHP	4	2300.000	-30.02	-25	Pass
2300	2304	1	CHP	5	2303.400	-26.00	-13	Pass
2304	2305	0.10103	CHP	6	2304.300	-34.07	-13	Pass
2305	2315	0.10103	CHP	/	/	/	/	/
2315	2316	0.10103	CHP	7	2315.950	-35.32	-13	Pass
2316	2320	1	CHP	8	2316.800	-26.65	-13	Pass
2320	2324	1	CHP	9	2320.050	-29.61	-25	Pass
2324	2328	1	CHP	10	2324.050	-34.50	-31	Pass
2328	2337	1	CHP	11	2328.050	-42.55	-37	Pass
2337	2341	1	CHP	12	2338.000	-57.16	-31	Pass
2341	2345	1	CHP	13	2341.050	-57.35	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = SA Band30-10M_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4159	42.98	-45.77	29.78	-68.26	-40.00	28.26	Horizontal
2	5431	43.07	-45.28	32.18	-65.30	-40.00	25.30	Horizontal
3	6325	42.22	-44.51	33.51	-64.04	-40.00	24.04	Horizontal
4	7973	40.54	-42.48	37.06	-60.13	-40.00	20.13	Horizontal
5	9648.5	36.14	-39.56	37.80	-60.88	-40.00	20.88	Horizontal
6	12939.5	34.65	-37.20	39.38	-58.43	-40.00	18.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3970	43.83	-46.11	29.35	-68.19	-40.00	28.19	Vertical
2	5407	44.10	-45.30	32.13	-64.32	-40.00	24.32	Vertical
3	6195.5	42.92	-44.75	33.06	-64.02	-40.00	24.02	Vertical
4	7581	40.61	-42.97	36.51	-61.11	-40.00	21.11	Vertical
5	9460.5	38.45	-40.07	37.42	-59.46	-40.00	19.46	Vertical
6	11843.5	33.57	-37.01	39.02	-59.68	-40.00	19.68	Vertical

Test Band = NSA 2A-N30A_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4279	42.94	-45.59	30.07	-67.84	-40.00	27.84	Horizontal
2	6082.5	43.57	-44.52	32.68	-63.53	-40.00	23.53	Horizontal
3	7063	42.24	-43.97	35.18	-61.81	-40.00	21.81	Horizontal
4	8946	38.88	-41.13	36.53	-60.98	-40.00	20.98	Horizontal
5	12030.5	35.23	-37.54	39.11	-58.46	-40.00	18.46	Horizontal
6	13577	35.11	-36.30	40.21	-56.24	-40.00	16.24	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4112	43.66	-45.76	29.67	-67.69	-40.00	27.69	Vertical
2	5405.5	43.13	-45.30	32.13	-65.30	-40.00	25.30	Vertical
3	6487.5	41.99	-44.59	34.06	-63.80	-40.00	23.80	Vertical
4	8406.5	39.66	-41.46	36.86	-60.20	-40.00	20.20	Vertical
5	10346.5	35.28	-39.05	38.53	-60.50	-40.00	20.50	Vertical
6	13646	35.27	-36.12	40.30	-55.80	-40.00	15.80	Vertical

Test Band = NSA 2A-N30A_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4551	45.03	-45.69	30.68	-65.24	-40.00	25.24	Horizontal
2	6510.5	41.71	-44.58	34.12	-64.01	-40.00	24.01	Horizontal
3	7559.5	41.13	-43.02	36.48	-60.66	-40.00	20.66	Horizontal
4	9517.5	38.64	-40.13	37.54	-59.22	-40.00	19.22	Horizontal
5	11819.5	33.56	-36.97	39.01	-59.66	-40.00	19.66	Horizontal
6	12925	34.82	-37.17	39.38	-58.23	-40.00	18.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4553.5	44.01	-45.69	30.69	-66.25	-40.00	26.25	Vertical
2	5793.5	43.29	-44.76	32.36	-64.37	-40.00	24.37	Vertical
3	6627	42.64	-44.20	34.33	-62.50	-40.00	22.50	Vertical
4	8033	40.43	-42.02	37.08	-59.77	-40.00	19.77	Vertical
5	10111.5	36.64	-39.16	38.51	-59.27	-40.00	19.27	Vertical
6	12746.5	34.57	-36.75	39.32	-58.12	-40.00	18.12	Vertical

Test Band = NSA 2A-N30A_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4547	44.24	-45.69	30.68	-66.04	-40.00	26.04	Horizontal
2	5826.5	42.70	-44.81	32.37	-65.00	-40.00	25.00	Horizontal
3	7377.5	41.64	-43.49	36.06	-61.05	-40.00	21.05	Horizontal
4	8843.5	38.86	-41.25	36.59	-61.05	-40.00	21.05	Horizontal
5	11154.5	34.82	-37.65	38.68	-59.42	-40.00	19.42	Horizontal
6	13386	34.41	-36.39	39.94	-57.30	-40.00	17.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4281	43.44	-45.58	30.07	-67.33	-40.00	27.33	Vertical
2	5333.5	43.20	-45.16	32.00	-65.22	-40.00	25.22	Vertical
3	6628	41.73	-44.20	34.33	-63.40	-40.00	23.40	Vertical
4	8034	41.02	-42.01	37.08	-59.17	-40.00	19.17	Vertical
5	10320.5	36.46	-39.07	38.53	-59.34	-40.00	19.34	Vertical
6	13890	33.19	-35.55	40.65	-56.97	-40.00	16.97	Vertical