

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	22.67	/	/	21.47	/	/	<=23.98	Pass
		Edge 1RB Right	22.72	/	/	21.52	/	/	<=23.98	Pass
		Outer Full	22.73	/	/	21.53	/	/	<=23.98	Pass
		Inner Full	23.41	/	/	22.21	/	/	<=23.98	Pass
		Inner 1RB Left	23.27	/	/	22.07	/	/	<=23.98	Pass
		Inner 1RB Right	23.28	/	/	22.08	/	/	<=23.98	Pass
	2310	Edge 1RB Left	22.77	/	/	21.57	/	/	<=23.98	Pass
		Edge 1RB Right	22.78	/	/	21.58	/	/	<=23.98	Pass
		Outer Full	22.82	/	/	21.62	/	/	<=23.98	Pass
		Inner Full	23.40	/	/	22.20	/	/	<=23.98	Pass
		Inner 1RB Left	23.30	/	/	22.10	/	/	<=23.98	Pass
		Inner 1RB Right	23.26	/	/	22.06	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	22.85	/	/	21.65	/	/	<=23.98	Pass
		Edge 1RB Right	22.82	/	/	21.62	/	/	<=23.98	Pass
		Outer Full	22.92	/	/	21.72	/	/	<=23.98	Pass
		Inner Full	23.36	/	/	22.16	/	/	<=23.98	Pass
		Inner 1RB Left	23.35	/	/	22.15	/	/	<=23.98	Pass
		Inner 1RB Right	23.24	/	/	22.04	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2307.5	Edge 1RB Left	22.24	/	/	21.04	/	/	<=23.98	Pass
		Edge 1RB Right	22.37	/	/	21.17	/	/	<=23.98	Pass
		Outer Full	22.34	/	/	21.14	/	/	<=23.98	Pass
		Inner Full	23.50	/	/	22.30	/	/	<=23.98	Pass
		Inner 1RB Left	23.57	/	/	22.37	/	/	<=23.98	Pass
		Inner 1RB Right	23.55	/	/	22.35	/	/	<=23.98	Pass
	2310	Edge 1RB Left	22.52	/	/	21.32	/	/	<=23.98	Pass
		Edge 1RB Right	22.30	/	/	21.10	/	/	<=23.98	Pass
		Outer Full	22.38	/	/	21.18	/	/	<=23.98	Pass
		Inner Full	23.50	/	/	22.30	/	/	<=23.98	Pass
		Inner 1RB Left	23.34	/	/	22.14	/	/	<=23.98	Pass
		Inner 1RB Right	23.39	/	/	22.19	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	22.65	/	/	21.45	/	/	<=23.98	Pass
		Edge 1RB Right	22.41	/	/	21.21	/	/	<=23.98	Pass
		Outer Full	22.45	/	/	21.25	/	/	<=23.98	Pass
		Inner Full	23.46	/	/	22.26	/	/	<=23.98	Pass
		Inner 1RB Left	23.69	/	/	22.49	/	/	<=23.98	Pass
		Inner 1RB Right	23.60	/	/	22.40	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2307.5	Edge 1RB Left	21.64	/	/	20.44	/	/	<=23.98	Pass
		Edge 1RB Right	21.65	/	/	20.45	/	/	<=23.98	Pass
		Outer Full	21.39	/	/	20.19	/	/	<=23.98	Pass
		Inner Full	22.39	/	/	21.19	/	/	<=23.98	Pass
		Inner 1RB Left	22.72	/	/	21.52	/	/	<=23.98	Pass
		Inner 1RB Right	22.43	/	/	21.23	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.52	/	/	20.32	/	/	<=23.98	Pass
		Edge 1RB Right	21.70	/	/	20.50	/	/	<=23.98	Pass
		Outer Full	21.46	/	/	20.26	/	/	<=23.98	Pass
		Inner Full	22.37	/	/	21.17	/	/	<=23.98	Pass
		Inner 1RB Left	22.66	/	/	21.46	/	/	<=23.98	Pass
		Inner 1RB Right	22.58	/	/	21.38	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.61	/	/	20.41	/	/	<=23.98	Pass

		Edge 1RB Right	21.59	/	/	20.39	/	/	<=23.98	Pass
		Outer Full	21.48	/	/	20.28	/	/	<=23.98	Pass
		Inner Full	22.45	/	/	21.25	/	/	<=23.98	Pass
		Inner 1RB Left	22.82	/	/	21.62	/	/	<=23.98	Pass
		Inner 1RB Right	22.51	/	/	21.31	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2307.5	Edge 1RB Left	20.75	/	/	19.55	/	/	<=23.98	Pass
		Edge 1RB Right	20.78	/	/	19.58	/	/	<=23.98	Pass
		Outer Full	20.78	/	/	19.58	/	/	<=23.98	Pass
		Inner Full	20.82	/	/	19.62	/	/	<=23.98	Pass
		Inner 1RB Left	20.79	/	/	19.59	/	/	<=23.98	Pass
		Inner 1RB Right	20.84	/	/	19.64	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.00	/	/	19.80	/	/	<=23.98	Pass
		Edge 1RB Right	20.81	/	/	19.61	/	/	<=23.98	Pass
		Outer Full	20.78	/	/	19.58	/	/	<=23.98	Pass
		Inner Full	20.81	/	/	19.61	/	/	<=23.98	Pass
		Inner 1RB Left	21.00	/	/	19.80	/	/	<=23.98	Pass
		Inner 1RB Right	20.84	/	/	19.64	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.01	/	/	19.81	/	/	<=23.98	Pass
		Edge 1RB Right	20.89	/	/	19.69	/	/	<=23.98	Pass
		Outer Full	20.86	/	/	19.66	/	/	<=23.98	Pass
		Inner Full	20.93	/	/	19.73	/	/	<=23.98	Pass
		Inner 1RB Left	21.03	/	/	19.83	/	/	<=23.98	Pass
		Inner 1RB Right	20.92	/	/	19.72	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2307.5	Edge 1RB Left	18.58	/	/	17.38	/	/	<=23.98	Pass
		Edge 1RB Right	18.69	/	/	17.49	/	/	<=23.98	Pass
		Outer Full	18.79	/	/	17.59	/	/	<=23.98	Pass
		Inner Full	18.71	/	/	17.51	/	/	<=23.98	Pass
		Inner 1RB Left	18.63	/	/	17.43	/	/	<=23.98	Pass
		Inner 1RB Right	18.66	/	/	17.46	/	/	<=23.98	Pass
	2310	Edge 1RB Left	18.67	/	/	17.47	/	/	<=23.98	Pass
		Edge 1RB Right	18.70	/	/	17.50	/	/	<=23.98	Pass
		Outer Full	18.76	/	/	17.56	/	/	<=23.98	Pass
		Inner Full	18.77	/	/	17.57	/	/	<=23.98	Pass
		Inner 1RB Left	18.72	/	/	17.52	/	/	<=23.98	Pass
		Inner 1RB Right	18.68	/	/	17.48	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	18.81	/	/	17.61	/	/	<=23.98	Pass
		Edge 1RB Right	18.75	/	/	17.55	/	/	<=23.98	Pass
		Outer Full	18.86	/	/	17.66	/	/	<=23.98	Pass
		Inner Full	18.78	/	/	17.58	/	/	<=23.98	Pass
		Inner 1RB Left	18.78	/	/	17.58	/	/	<=23.98	Pass
		Inner 1RB Right	18.73	/	/	17.53	/	/	<=23.98	Pass
CP-OFDM QPSK	2307.5	Edge 1RB Left	20.47	/	/	19.27	/	/	<=23.98	Pass
		Edge 1RB Right	20.23	/	/	19.03	/	/	<=23.98	Pass
		Outer Full	20.34	/	/	19.14	/	/	<=23.98	Pass
		Inner Full	21.90	/	/	20.70	/	/	<=23.98	Pass
		Inner 1RB Left	21.62	/	/	20.42	/	/	<=23.98	Pass
		Inner 1RB Right	21.65	/	/	20.45	/	/	<=23.98	Pass
	2310	Edge 1RB Left	20.63	/	/	19.43	/	/	<=23.98	Pass
		Edge 1RB Right	20.32	/	/	19.12	/	/	<=23.98	Pass
		Outer Full	20.32	/	/	19.12	/	/	<=23.98	Pass
		Inner Full	21.87	/	/	20.67	/	/	<=23.98	Pass
		Inner 1RB Left	21.77	/	/	20.57	/	/	<=23.98	Pass
		Inner 1RB Right	21.86	/	/	20.66	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	20.62	/	/	19.42	/	/	<=23.98	Pass
		Edge 1RB Right	20.30	/	/	19.10	/	/	<=23.98	Pass
		Outer Full	20.40	/	/	19.20	/	/	<=23.98	Pass
		Inner Full	22.06	/	/	20.86	/	/	<=23.98	Pass
		Inner 1RB Left	22.11	/	/	20.91	/	/	<=23.98	Pass
		Inner 1RB Right	22.05	/	/	20.85	/	/	<=23.98	Pass

CP-OFDM 16 QAM	2307.5	Edge_1RB_Left	20.64	/	/	19.44	/	/	<=23.98	Pass
		Edge_1RB_Right	20.69	/	/	19.49	/	/	<=23.98	Pass
		Outer_Full	20.32	/	/	19.12	/	/	<=23.98	Pass
		Inner_Full	21.22	/	/	20.02	/	/	<=23.98	Pass
		Inner_1RB_Left	21.56	/	/	20.36	/	/	<=23.98	Pass
		Inner_1RB_Right	21.44	/	/	20.24	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	20.66	/	/	19.46	/	/	<=23.98	Pass
		Edge_1RB_Right	20.64	/	/	19.44	/	/	<=23.98	Pass
		Outer_Full	20.38	/	/	19.18	/	/	<=23.98	Pass
		Inner_Full	21.22	/	/	20.02	/	/	<=23.98	Pass
		Inner_1RB_Left	21.60	/	/	20.40	/	/	<=23.98	Pass
		Inner_1RB_Right	21.26	/	/	20.06	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	20.77	/	/	19.57	/	/	<=23.98	Pass
		Edge_1RB_Right	20.60	/	/	19.40	/	/	<=23.98	Pass
		Outer_Full	20.42	/	/	19.22	/	/	<=23.98	Pass
		Inner_Full	21.32	/	/	20.12	/	/	<=23.98	Pass
		Inner_1RB_Left	21.67	/	/	20.47	/	/	<=23.98	Pass
		Inner_1RB_Right	21.43	/	/	20.23	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2307.5	Edge_1RB_Left	19.92	/	/	18.72	/	/	<=23.98	Pass
		Edge_1RB_Right	19.89	/	/	18.69	/	/	<=23.98	Pass
		Outer_Full	19.74	/	/	18.54	/	/	<=23.98	Pass
		Inner_Full	19.72	/	/	18.52	/	/	<=23.98	Pass
		Inner_1RB_Left	19.91	/	/	18.71	/	/	<=23.98	Pass
		Inner_1RB_Right	19.89	/	/	18.69	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	20.07	/	/	18.87	/	/	<=23.98	Pass
		Edge_1RB_Right	19.95	/	/	18.75	/	/	<=23.98	Pass
		Outer_Full	19.76	/	/	18.56	/	/	<=23.98	Pass
		Inner_Full	19.75	/	/	18.55	/	/	<=23.98	Pass
		Inner_1RB_Left	19.82	/	/	18.62	/	/	<=23.98	Pass
		Inner_1RB_Right	20.00	/	/	18.80	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	19.85	/	/	18.65	/	/	<=23.98	Pass
		Edge_1RB_Right	20.03	/	/	18.83	/	/	<=23.98	Pass
		Outer_Full	19.78	/	/	18.58	/	/	<=23.98	Pass
		Inner_Full	19.78	/	/	18.58	/	/	<=23.98	Pass
		Inner_1RB_Left	19.88	/	/	18.68	/	/	<=23.98	Pass
		Inner_1RB_Right	20.00	/	/	18.80	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2307.5	Edge_1RB_Left	16.69	/	/	15.49	/	/	<=23.98	Pass
		Edge_1RB_Right	16.75	/	/	15.55	/	/	<=23.98	Pass
		Outer_Full	16.75	/	/	15.55	/	/	<=23.98	Pass
		Inner_Full	16.64	/	/	15.44	/	/	<=23.98	Pass
		Inner_1RB_Left	16.67	/	/	15.47	/	/	<=23.98	Pass
		Inner_1RB_Right	16.73	/	/	15.53	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	16.81	/	/	15.61	/	/	<=23.98	Pass
		Edge_1RB_Right	16.67	/	/	15.47	/	/	<=23.98	Pass
		Outer_Full	16.82	/	/	15.62	/	/	<=23.98	Pass
		Inner_Full	16.73	/	/	15.53	/	/	<=23.98	Pass
		Inner_1RB_Left	16.77	/	/	15.57	/	/	<=23.98	Pass
		Inner_1RB_Right	16.75	/	/	15.55	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	16.90	/	/	15.70	/	/	<=23.98	Pass
		Edge_1RB_Right	16.86	/	/	15.66	/	/	<=23.98	Pass
		Outer_Full	16.89	/	/	15.69	/	/	<=23.98	Pass
		Inner_Full	16.73	/	/	15.53	/	/	<=23.98	Pass
		Inner_1RB_Left	16.81	/	/	15.61	/	/	<=23.98	Pass
		Inner_1RB_Right	16.84	/	/	15.64	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -1.20dBi;										
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	22.52	/	/	21.32	/	/	<=23.98	Pass
		Edge 1RB Right	22.56	/	/	21.36	/	/	<=23.98	Pass
		Outer Full	22.33	/	/	21.13	/	/	<=23.98	Pass
		Inner Full	23.18	/	/	21.98	/	/	<=23.98	Pass
		Inner 1RB Left	23.06	/	/	21.86	/	/	<=23.98	Pass
		Inner 1RB Right	23.11	/	/	21.91	/	/	<=23.98	Pass
	2310	Edge 1RB Left	22.06	/	/	20.86	/	/	<=23.98	Pass
		Edge 1RB Right	22.06	/	/	20.86	/	/	<=23.98	Pass
		Outer Full	22.15	/	/	20.95	/	/	<=23.98	Pass
		Inner Full	22.71	/	/	21.51	/	/	<=23.98	Pass
		Inner 1RB Left	22.67	/	/	21.47	/	/	<=23.98	Pass
		Inner 1RB Right	22.59	/	/	21.39	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	22.10	/	/	20.90	/	/	<=23.98	Pass
		Edge 1RB Right	22.17	/	/	20.97	/	/	<=23.98	Pass
		Outer Full	22.20	/	/	21.00	/	/	<=23.98	Pass
		Inner Full	22.64	/	/	21.44	/	/	<=23.98	Pass
		Inner 1RB Left	22.46	/	/	21.26	/	/	<=23.98	Pass
		Inner 1RB Right	22.60	/	/	21.40	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2307.5	Edge 1RB Left	21.90	/	/	20.70	/	/	<=23.98	Pass
		Edge 1RB Right	-37.32	/	/	-38.52	/	/	<=23.98	Pass
		Outer Full	22.23	/	/	21.03	/	/	<=23.98	Pass
		Inner Full	23.30	/	/	22.10	/	/	<=23.98	Pass
		Inner 1RB Left	23.45	/	/	22.25	/	/	<=23.98	Pass
		Inner 1RB Right	23.08	/	/	21.88	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.66	/	/	20.46	/	/	<=23.98	Pass
		Edge 1RB Right	21.64	/	/	20.44	/	/	<=23.98	Pass
		Outer Full	21.70	/	/	20.50	/	/	<=23.98	Pass
		Inner Full	22.78	/	/	21.58	/	/	<=23.98	Pass
		Inner 1RB Left	22.77	/	/	21.57	/	/	<=23.98	Pass
		Inner 1RB Right	22.70	/	/	21.50	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	21.63	/	/	20.43	/	/	<=23.98	Pass
		Edge 1RB Right	21.68	/	/	20.48	/	/	<=23.98	Pass
		Outer Full	21.63	/	/	20.43	/	/	<=23.98	Pass
		Inner Full	22.63	/	/	21.43	/	/	<=23.98	Pass
		Inner 1RB Left	22.82	/	/	21.62	/	/	<=23.98	Pass
		Inner 1RB Right	22.57	/	/	21.37	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2307.5	Edge 1RB Left	21.53	/	/	20.33	/	/	<=23.98	Pass
		Edge 1RB Right	21.36	/	/	20.16	/	/	<=23.98	Pass
		Outer Full	21.22	/	/	20.02	/	/	<=23.98	Pass
		Inner Full	21.99	/	/	20.79	/	/	<=23.98	Pass
		Inner 1RB Left	22.40	/	/	21.20	/	/	<=23.98	Pass
		Inner 1RB Right	22.55	/	/	21.35	/	/	<=23.98	Pass
	2310	Edge 1RB Left	21.10	/	/	19.90	/	/	<=23.98	Pass
		Edge 1RB Right	20.92	/	/	19.72	/	/	<=23.98	Pass
		Outer Full	20.73	/	/	19.53	/	/	<=23.98	Pass
		Inner Full	21.56	/	/	20.36	/	/	<=23.98	Pass
		Inner 1RB Left	21.99	/	/	20.79	/	/	<=23.98	Pass
		Inner 1RB Right	21.81	/	/	20.61	/	/	<=23.98	Pass
	2312.5	Edge 1RB Left	20.97	/	/	19.77	/	/	<=23.98	Pass
		Edge 1RB Right	20.97	/	/	19.77	/	/	<=23.98	Pass
		Outer Full	20.71	/	/	19.51	/	/	<=23.98	Pass
		Inner Full	21.57	/	/	20.37	/	/	<=23.98	Pass
		Inner 1RB Left	22.02	/	/	20.82	/	/	<=23.98	Pass
		Inner 1RB Right	22.01	/	/	20.81	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2307.5	Edge 1RB Left	20.71	/	/	19.51	/	/	<=23.98	Pass

		Edge 1RB Right	20.52	/	/	19.32	/	/	<=23.98	Pass
		Outer Full	20.49	/	/	19.29	/	/	<=23.98	Pass
		Inner Full	20.29	/	/	19.09	/	/	<=23.98	Pass
		Inner 1RB Left	20.51	/	/	19.31	/	/	<=23.98	Pass
		Inner 1RB Right	20.60	/	/	19.40	/	/	<=23.98	Pass
	2310	Edge 1RB Left	20.10	/	/	18.90	/	/	<=23.98	Pass
		Edge 1RB Right	20.24	/	/	19.04	/	/	<=23.98	Pass
		Outer Full	20.02	/	/	18.82	/	/	<=23.98	Pass
		Inner Full	20.12	/	/	18.92	/	/	<=23.98	Pass
		Inner 1RB Left	20.24	/	/	19.04	/	/	<=23.98	Pass
	2312.5	Inner 1RB Right	18.46	/	/	17.26	/	/	<=23.98	Pass
		Edge 1RB Left	20.35	/	/	19.15	/	/	<=23.98	Pass
		Edge 1RB Right	20.08	/	/	18.88	/	/	<=23.98	Pass
		Outer Full	20.06	/	/	18.86	/	/	<=23.98	Pass
		Inner Full	20.08	/	/	18.88	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2307.5	Inner 1RB Left	20.22	/	/	19.02	/	/	<=23.98	Pass
		Inner 1RB Right	20.33	/	/	19.13	/	/	<=23.98	Pass
		Edge 1RB Left	18.32	/	/	17.12	/	/	<=23.98	Pass
		Edge 1RB Right	18.22	/	/	17.02	/	/	<=23.98	Pass
		Outer Full	18.28	/	/	17.08	/	/	<=23.98	Pass
	2310	Inner Full	18.14	/	/	16.94	/	/	<=23.98	Pass
		Inner 1RB Left	18.24	/	/	17.04	/	/	<=23.98	Pass
		Inner 1RB Right	18.25	/	/	17.05	/	/	<=23.98	Pass
		Edge 1RB Left	17.86	/	/	16.66	/	/	<=23.98	Pass
		Edge 1RB Right	18.04	/	/	16.84	/	/	<=23.98	Pass
	2312.5	Outer Full	18.07	/	/	16.87	/	/	<=23.98	Pass
		Inner Full	18.05	/	/	16.85	/	/	<=23.98	Pass
		Inner 1RB Left	17.83	/	/	16.63	/	/	<=23.98	Pass
		Inner 1RB Right	18.12	/	/	16.92	/	/	<=23.98	Pass
		Edge 1RB Left	18.01	/	/	16.81	/	/	<=23.98	Pass
CP-OFDM QPSK	2307.5	Edge 1RB Right	17.95	/	/	16.75	/	/	<=23.98	Pass
		Outer Full	18.02	/	/	16.82	/	/	<=23.98	Pass
		Inner Full	18.09	/	/	16.89	/	/	<=23.98	Pass
		Inner 1RB Left	18.20	/	/	17.00	/	/	<=23.98	Pass
		Inner 1RB Right	-41.48	/	/	-42.68	/	/	<=23.98	Pass
	2310	Edge 1RB Left	19.89	/	/	18.69	/	/	<=23.98	Pass
		Edge 1RB Right	19.70	/	/	18.50	/	/	<=23.98	Pass
		Outer Full	19.78	/	/	18.58	/	/	<=23.98	Pass
		Inner Full	21.25	/	/	20.05	/	/	<=23.98	Pass
		Inner 1RB Left	21.10	/	/	19.90	/	/	<=23.98	Pass
	2312.5	Inner 1RB Right	21.06	/	/	19.86	/	/	<=23.98	Pass
		Edge 1RB Left	19.45	/	/	18.25	/	/	<=23.98	Pass
		Edge 1RB Right	19.48	/	/	18.28	/	/	<=23.98	Pass
		Outer Full	19.61	/	/	18.41	/	/	<=23.98	Pass
		Inner Full	21.29	/	/	20.09	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2307.5	Inner 1RB Left	20.91	/	/	19.71	/	/	<=23.98	Pass
		Inner 1RB Right	21.07	/	/	19.87	/	/	<=23.98	Pass
		Edge 1RB Left	19.48	/	/	18.28	/	/	<=23.98	Pass
		Edge 1RB Right	19.57	/	/	18.37	/	/	<=23.98	Pass
		Outer Full	19.59	/	/	18.39	/	/	<=23.98	Pass
	2310	Inner Full	21.20	/	/	20.00	/	/	<=23.98	Pass
		Inner 1RB Left	21.24	/	/	20.04	/	/	<=23.98	Pass
		Inner 1RB Right	21.29	/	/	20.09	/	/	<=23.98	Pass
		Edge 1RB Left	20.08	/	/	18.88	/	/	<=23.98	Pass
		Edge 1RB Right	20.23	/	/	19.03	/	/	<=23.98	Pass
	2312.5	Outer Full	19.71	/	/	18.51	/	/	<=23.98	Pass
		Inner Full	20.62	/	/	19.42	/	/	<=23.98	Pass
		Inner 1RB Left	21.00	/	/	19.80	/	/	<=23.98	Pass
		Inner 1RB Right	20.90	/	/	19.70	/	/	<=23.98	Pass

	2310	Edge_1RB_Left	20.10	/	/	18.90	/	/	<=23.98	Pass
		Edge_1RB_Right	19.92	/	/	18.72	/	/	<=23.98	Pass
		Outer_Full	19.61	/	/	18.41	/	/	<=23.98	Pass
		Inner_Full	20.58	/	/	19.38	/	/	<=23.98	Pass
		Inner_1RB_Left	21.15	/	/	19.95	/	/	<=23.98	Pass
		Inner_1RB_Right	20.62	/	/	19.42	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	19.87	/	/	18.67	/	/	<=23.98	Pass
		Edge_1RB_Right	19.92	/	/	18.72	/	/	<=23.98	Pass
		Outer_Full	19.60	/	/	18.40	/	/	<=23.98	Pass
		Inner_Full	20.59	/	/	19.39	/	/	<=23.98	Pass
		Inner_1RB_Left	21.12	/	/	19.92	/	/	<=23.98	Pass
		Inner_1RB_Right	20.92	/	/	19.72	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2307.5	Edge_1RB_Left	18.94	/	/	17.74	/	/	<=23.98	Pass
		Edge_1RB_Right	19.30	/	/	18.10	/	/	<=23.98	Pass
		Outer_Full	19.14	/	/	17.94	/	/	<=23.98	Pass
		Inner_Full	19.01	/	/	17.81	/	/	<=23.98	Pass
		Inner_1RB_Left	19.31	/	/	18.11	/	/	<=23.98	Pass
		Inner_1RB_Right	19.05	/	/	17.85	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	19.23	/	/	18.03	/	/	<=23.98	Pass
		Edge_1RB_Right	19.20	/	/	18.00	/	/	<=23.98	Pass
		Outer_Full	19.03	/	/	17.83	/	/	<=23.98	Pass
		Inner_Full	19.04	/	/	17.84	/	/	<=23.98	Pass
		Inner_1RB_Left	19.20	/	/	18.00	/	/	<=23.98	Pass
		Inner_1RB_Right	19.16	/	/	17.96	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	19.18	/	/	17.98	/	/	<=23.98	Pass
		Edge_1RB_Right	19.33	/	/	18.13	/	/	<=23.98	Pass
		Outer_Full	19.03	/	/	17.83	/	/	<=23.98	Pass
		Inner_Full	19.03	/	/	17.83	/	/	<=23.98	Pass
		Inner_1RB_Left	19.37	/	/	18.17	/	/	<=23.98	Pass
		Inner_1RB_Right	19.31	/	/	18.11	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2307.5	Edge_1RB_Left	15.90	/	/	14.70	/	/	<=23.98	Pass
		Edge_1RB_Right	16.15	/	/	14.95	/	/	<=23.98	Pass
		Outer_Full	16.10	/	/	14.90	/	/	<=23.98	Pass
		Inner_Full	16.10	/	/	14.90	/	/	<=23.98	Pass
		Inner_1RB_Left	16.53	/	/	15.33	/	/	<=23.98	Pass
		Inner_1RB_Right	-37.45	/	/	-38.65	/	/	<=23.98	Pass
	2310	Edge_1RB_Left	16.07	/	/	14.87	/	/	<=23.98	Pass
		Edge_1RB_Right	16.12	/	/	14.92	/	/	<=23.98	Pass
		Outer_Full	16.04	/	/	14.84	/	/	<=23.98	Pass
		Inner_Full	16.00	/	/	14.80	/	/	<=23.98	Pass
		Inner_1RB_Left	16.10	/	/	14.90	/	/	<=23.98	Pass
		Inner_1RB_Right	16.00	/	/	14.80	/	/	<=23.98	Pass
	2312.5	Edge_1RB_Left	15.83	/	/	14.63	/	/	<=23.98	Pass
		Edge_1RB_Right	16.03	/	/	14.83	/	/	<=23.98	Pass
		Outer_Full	16.02	/	/	14.82	/	/	<=23.98	Pass
		Inner_Full	16.04	/	/	14.84	/	/	<=23.98	Pass
		Inner_1RB_Left	16.09	/	/	14.89	/	/	<=23.98	Pass
		Inner_1RB_Right	15.78	/	/	14.58	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_10MHz_NTNV_EIRP

5G NR n30 SCS=15kHz SISO 10MHz NTNv										
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	22.75	/	/	21.55	/	/	<=23.98	Pass
		Edge 1RB Right	22.86	/	/	21.66	/	/	<=23.98	Pass

		Outer_Full	22.31	/	/	21.11	/	/	<=23.98	Pass		
		Inner_Full	23.36	/	/	22.16	/	/	<=23.98	Pass		
		Inner_1RB_Left	23.26	/	/	22.06	/	/	<=23.98	Pass		
		Inner_1RB_Right	23.25	/	/	22.05	/	/	<=23.98	Pass		
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	22.58	/	/	21.38	/	/	<=23.98	Pass		
		Edge_1RB_Right	22.50	/	/	21.30	/	/	<=23.98	Pass		
		Outer_Full	22.34	/	/	21.14	/	/	<=23.98	Pass		
		Inner_Full	23.36	/	/	22.16	/	/	<=23.98	Pass		
		Inner_1RB_Left	23.66	/	/	22.46	/	/	<=23.98	Pass		
		Inner_1RB_Right	23.27	/	/	22.07	/	/	<=23.98	Pass		
		DFT-s-OFDM 16 QAM	2310	Edge_1RB_Left	21.69	/	/	20.49	/	/	<=23.98	Pass
				Edge_1RB_Right	21.54	/	/	20.34	/	/	<=23.98	Pass
Outer_Full	21.35			/	/	20.15	/	/	<=23.98	Pass		
Inner_Full	22.34			/	/	21.14	/	/	<=23.98	Pass		
		Inner_1RB_Left	22.60	/	/	21.40	/	/	<=23.98	Pass		
		Inner_1RB_Right	22.45	/	/	21.25	/	/	<=23.98	Pass		
		DFT-s-OFDM 64 QAM	2310	Edge_1RB_Left	20.90	/	/	19.70	/	/	<=23.98	Pass
				Edge_1RB_Right	21.02	/	/	19.82	/	/	<=23.98	Pass
Outer_Full	20.83			/	/	19.63	/	/	<=23.98	Pass		
Inner_Full	20.71			/	/	19.51	/	/	<=23.98	Pass		
		Inner_1RB_Left	20.96	/	/	19.76	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.05	/	/	19.85	/	/	<=23.98	Pass		
		DFT-s-OFDM 256 QAM	2310	Edge_1RB_Left	18.70	/	/	17.50	/	/	<=23.98	Pass
				Edge_1RB_Right	18.74	/	/	17.54	/	/	<=23.98	Pass
Outer_Full	18.75			/	/	17.55	/	/	<=23.98	Pass		
Inner_Full	18.72			/	/	17.52	/	/	<=23.98	Pass		
		Inner_1RB_Left	18.68	/	/	17.48	/	/	<=23.98	Pass		
		Inner_1RB_Right	18.73	/	/	17.53	/	/	<=23.98	Pass		
		CP-OFDM QPSK	2310	Edge_1RB_Left	20.24	/	/	19.04	/	/	<=23.98	Pass
				Edge_1RB_Right	20.30	/	/	19.10	/	/	<=23.98	Pass
Outer_Full	20.28			/	/	19.08	/	/	<=23.98	Pass		
Inner_Full	21.80			/	/	20.60	/	/	<=23.98	Pass		
		Inner_1RB_Left	21.69	/	/	20.49	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.89	/	/	20.69	/	/	<=23.98	Pass		
		CP-OFDM 16 QAM	2310	Edge_1RB_Left	20.59	/	/	19.39	/	/	<=23.98	Pass
				Edge_1RB_Right	20.60	/	/	19.40	/	/	<=23.98	Pass
Outer_Full	20.34			/	/	19.14	/	/	<=23.98	Pass		
Inner_Full	21.27			/	/	20.07	/	/	<=23.98	Pass		
		Inner_1RB_Left	21.81	/	/	20.61	/	/	<=23.98	Pass		
		Inner_1RB_Right	21.41	/	/	20.21	/	/	<=23.98	Pass		
		CP-OFDM 64 QAM	2310	Edge_1RB_Left	20.00	/	/	18.80	/	/	<=23.98	Pass
				Edge_1RB_Right	20.08	/	/	18.88	/	/	<=23.98	Pass
Outer_Full	19.87			/	/	18.67	/	/	<=23.98	Pass		
Inner_Full	19.73			/	/	18.53	/	/	<=23.98	Pass		
		Inner_1RB_Left	20.03	/	/	18.83	/	/	<=23.98	Pass		
		Inner_1RB_Right	20.04	/	/	18.84	/	/	<=23.98	Pass		
		CP-OFDM 256 QAM	2310	Edge_1RB_Left	16.78	/	/	15.58	/	/	<=23.98	Pass
				Edge_1RB_Right	16.83	/	/	15.63	/	/	<=23.98	Pass
Outer_Full	16.76			/	/	15.56	/	/	<=23.98	Pass		
Inner_Full	16.64			/	/	15.44	/	/	<=23.98	Pass		
		Inner_1RB_Left	16.79	/	/	15.59	/	/	<=23.98	Pass		
		Inner_1RB_Right	16.80	/	/	15.60	/	/	<=23.98	Pass		
		Note1: Antenna Gain: Ant1: -1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_10MHz_NTNV_EIRP(dBm/5MHz)

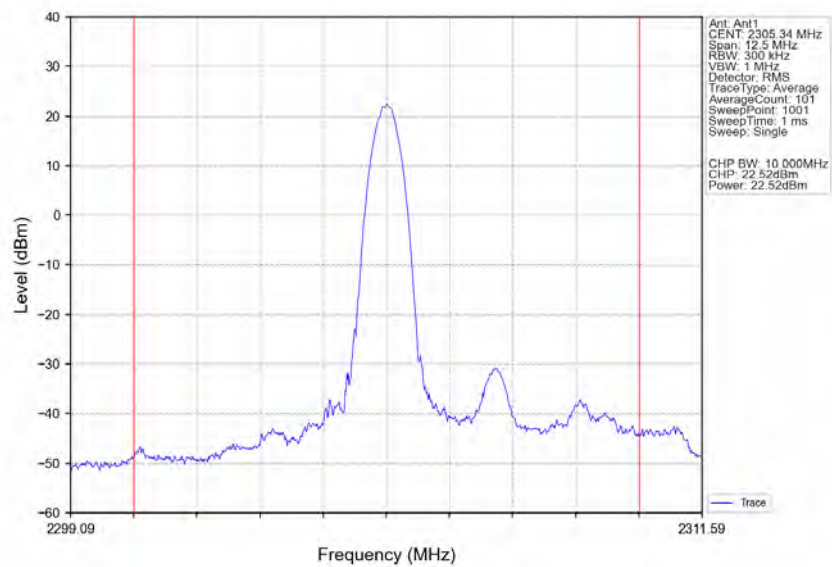
5G NR n30 SCS=15kHz SISO 10MHz NTN

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	22.09	/	/	20.89	/	/	<=23.98	Pass
		Edge_1RB_Right	-37.39	/	/	-38.59	/	/	<=23.98	Pass
		Outer_Full	21.61	/	/	20.41	/	/	<=23.98	Pass
		Inner_Full	22.99	/	/	21.79	/	/	<=23.98	Pass
		Inner_1RB_Left	22.69	/	/	21.49	/	/	<=23.98	Pass
		Inner_1RB_Right	22.77	/	/	21.57	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	21.49	/	/	20.29	/	/	<=23.98	Pass
		Edge_1RB_Right	22.02	/	/	20.82	/	/	<=23.98	Pass
		Outer_Full	21.79	/	/	20.59	/	/	<=23.98	Pass
		Inner_Full	22.67	/	/	21.47	/	/	<=23.98	Pass
		Inner_1RB_Left	22.77	/	/	21.57	/	/	<=23.98	Pass
		Inner_1RB_Right	22.73	/	/	21.53	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2310	Edge_1RB_Left	21.23	/	/	20.03	/	/	<=23.98	Pass
		Edge_1RB_Right	21.12	/	/	19.92	/	/	<=23.98	Pass
		Outer_Full	20.76	/	/	19.56	/	/	<=23.98	Pass
		Inner_Full	21.82	/	/	20.62	/	/	<=23.98	Pass
		Inner_1RB_Left	22.24	/	/	21.04	/	/	<=23.98	Pass
		Inner_1RB_Right	22.06	/	/	20.86	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2310	Edge_1RB_Left	20.38	/	/	19.18	/	/	<=23.98	Pass
		Edge_1RB_Right	20.35	/	/	19.15	/	/	<=23.98	Pass
		Outer_Full	20.31	/	/	19.11	/	/	<=23.98	Pass
		Inner_Full	20.22	/	/	19.02	/	/	<=23.98	Pass
		Inner_1RB_Left	20.84	/	/	19.64	/	/	<=23.98	Pass
		Inner_1RB_Right	20.62	/	/	19.42	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2310	Edge_1RB_Left	17.84	/	/	16.64	/	/	<=23.98	Pass
		Edge_1RB_Right	18.42	/	/	17.22	/	/	<=23.98	Pass
		Outer_Full	18.13	/	/	16.93	/	/	<=23.98	Pass
		Inner_Full	18.34	/	/	17.14	/	/	<=23.98	Pass
		Inner_1RB_Left	17.97	/	/	16.77	/	/	<=23.98	Pass
		Inner_1RB_Right	18.28	/	/	17.08	/	/	<=23.98	Pass
CP-OFDM QPSK	2310	Edge_1RB_Left	19.73	/	/	18.53	/	/	<=23.98	Pass
		Edge_1RB_Right	19.31	/	/	18.11	/	/	<=23.98	Pass
		Outer_Full	19.77	/	/	18.57	/	/	<=23.98	Pass
		Inner_Full	21.28	/	/	20.08	/	/	<=23.98	Pass
		Inner_1RB_Left	21.13	/	/	19.93	/	/	<=23.98	Pass
		Inner_1RB_Right	21.02	/	/	19.82	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2310	Edge_1RB_Left	20.21	/	/	19.01	/	/	<=23.98	Pass
		Edge_1RB_Right	20.13	/	/	18.93	/	/	<=23.98	Pass
		Outer_Full	19.76	/	/	18.56	/	/	<=23.98	Pass
		Inner_Full	20.62	/	/	19.42	/	/	<=23.98	Pass
		Inner_1RB_Left	21.16	/	/	19.96	/	/	<=23.98	Pass
		Inner_1RB_Right	20.91	/	/	19.71	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2310	Edge_1RB_Left	19.29	/	/	18.09	/	/	<=23.98	Pass
		Edge_1RB_Right	19.54	/	/	18.34	/	/	<=23.98	Pass
		Outer_Full	19.23	/	/	18.03	/	/	<=23.98	Pass
		Inner_Full	19.26	/	/	18.06	/	/	<=23.98	Pass
		Inner_1RB_Left	19.52	/	/	18.32	/	/	<=23.98	Pass
		Inner_1RB_Right	19.85	/	/	18.65	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2310	Edge_1RB_Left	16.04	/	/	14.84	/	/	<=23.98	Pass
		Edge_1RB_Right	16.45	/	/	15.25	/	/	<=23.98	Pass
		Outer_Full	16.20	/	/	15.00	/	/	<=23.98	Pass
		Inner_Full	16.11	/	/	14.91	/	/	<=23.98	Pass
		Inner_1RB_Left	16.54	/	/	15.34	/	/	<=23.98	Pass
		Inner_1RB_Right	-37.39	/	/	-38.59	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -1.20dBi; Note2: EIRP=Conducted Power+Antenna Gain										

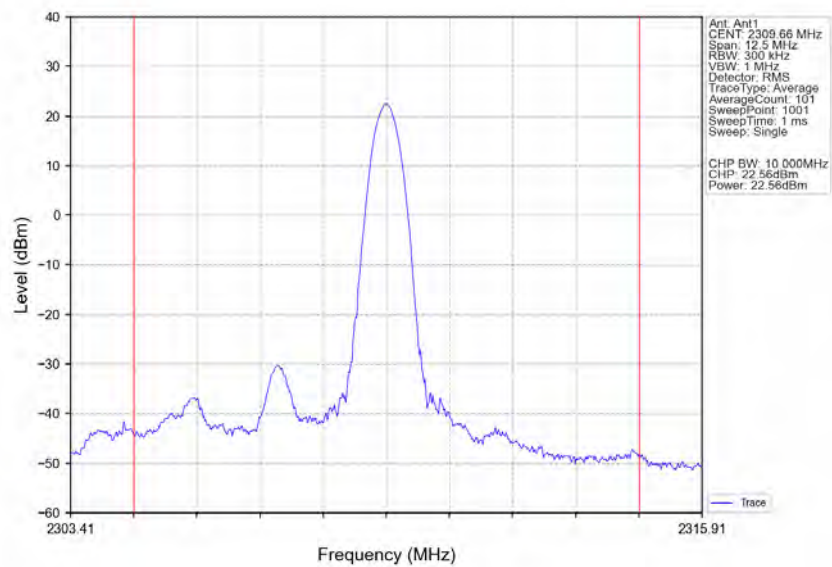
1.2 Test Graph

1.2.1 15k_SISO_5MHz_NTNV_EIRP(dBm/5MHz)

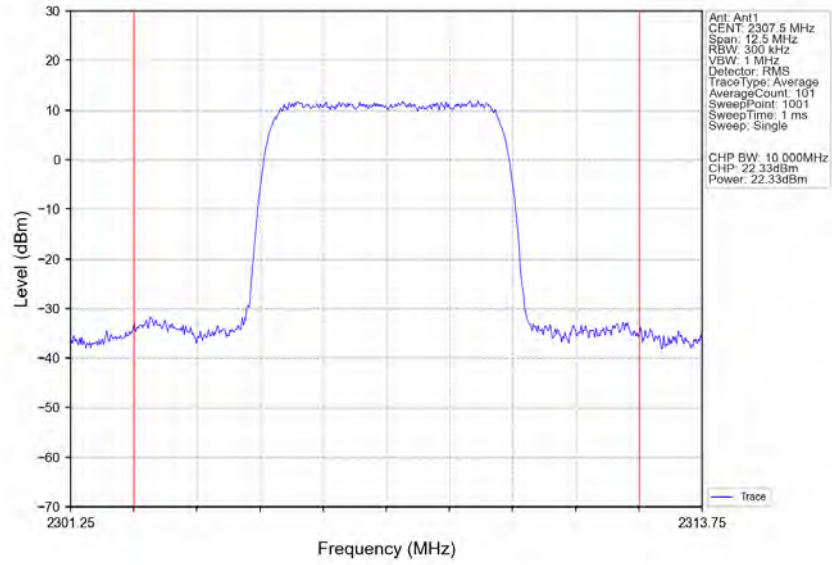
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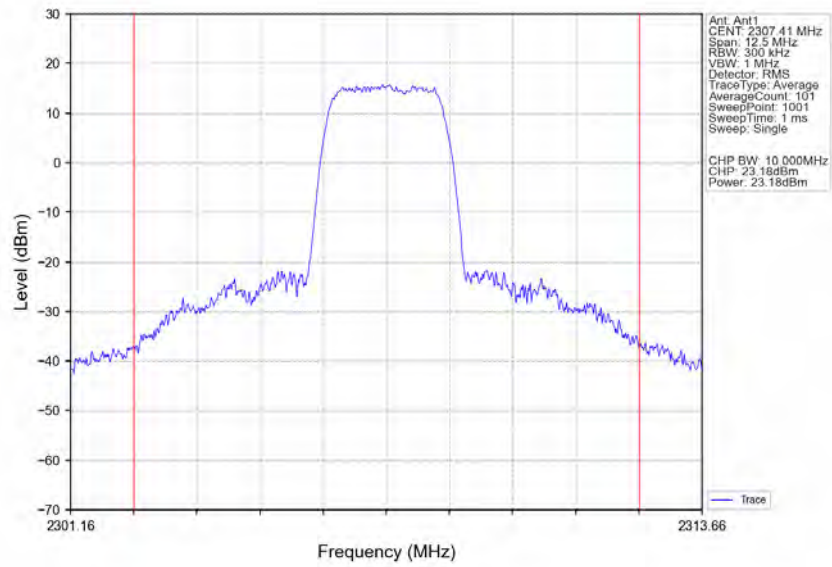
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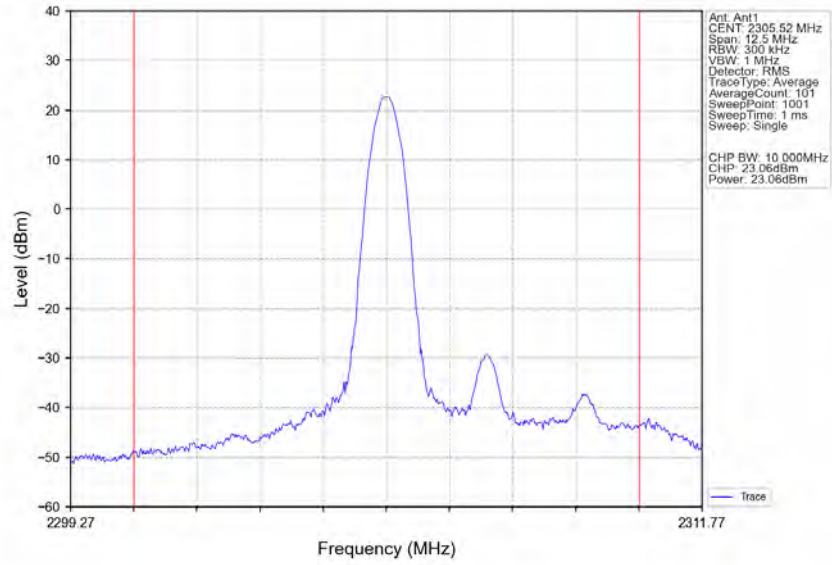
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Outer_Full_Ant1



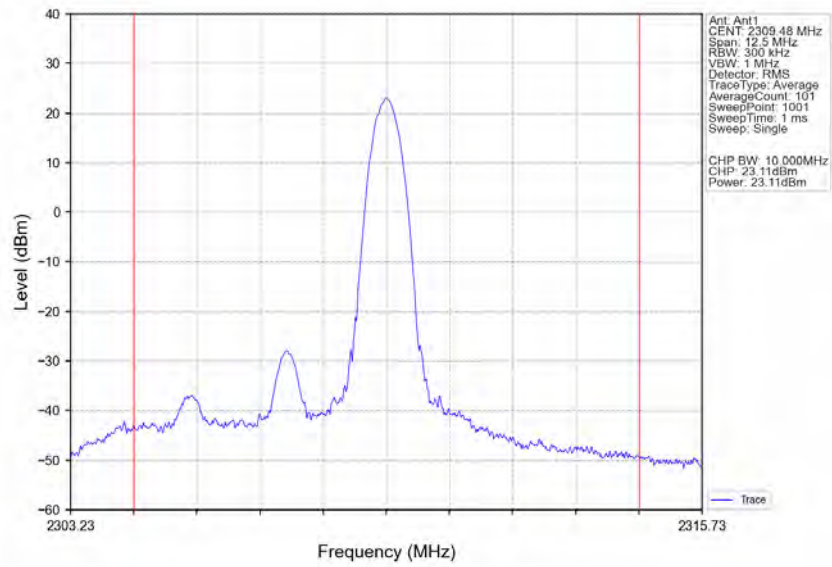
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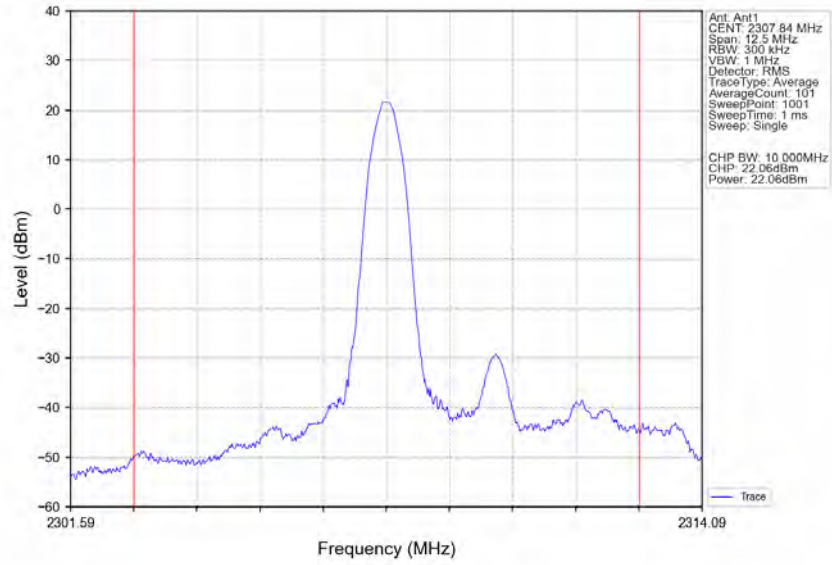
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Inner_1RB_Left_Ant1



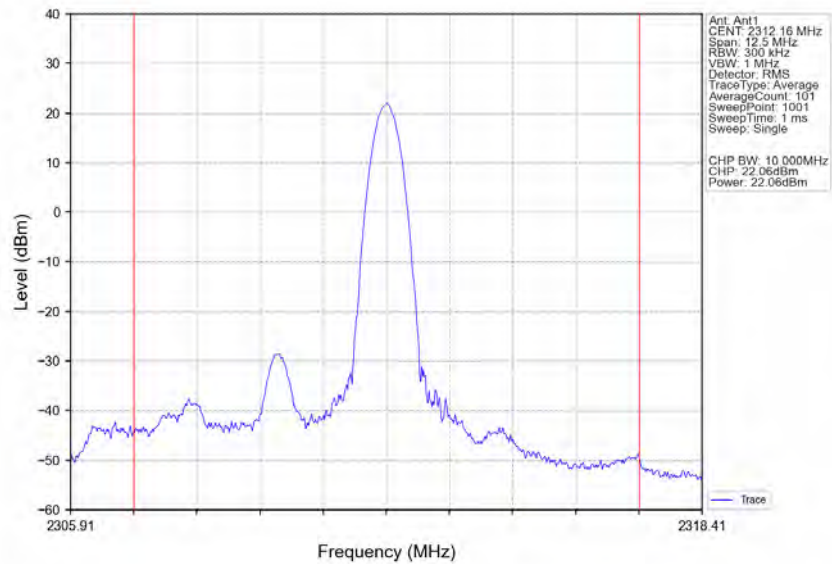
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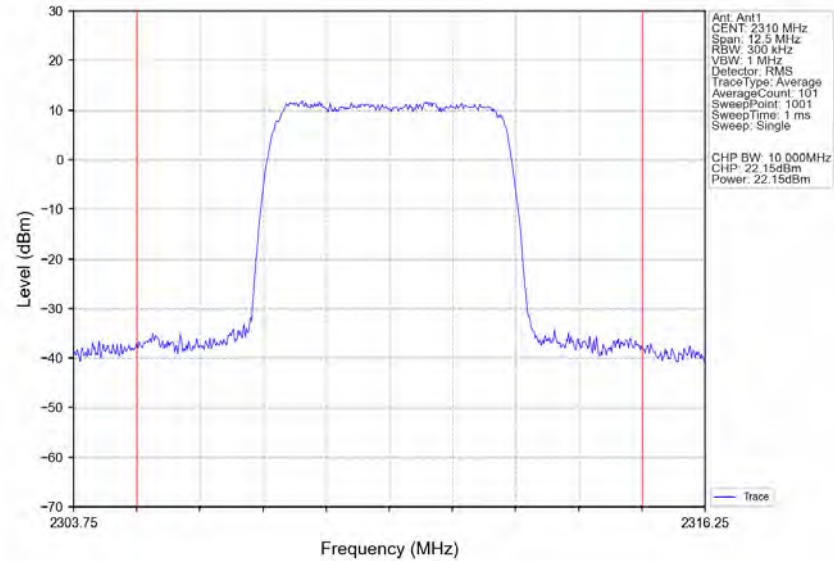
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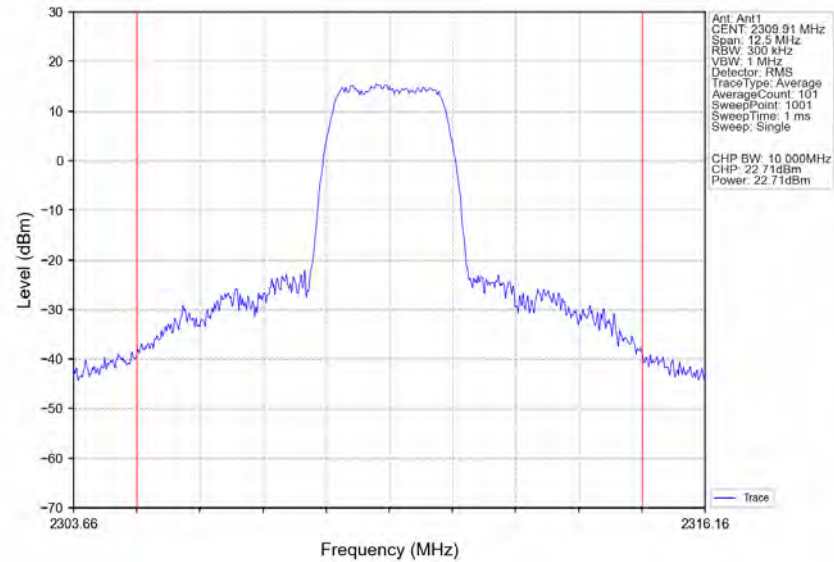
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Right_Ant1



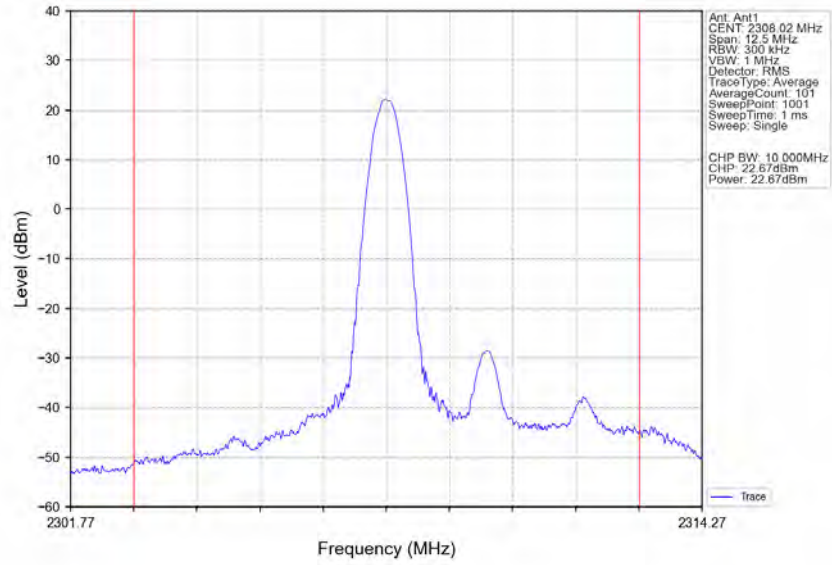
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Outer_Full_Ant1



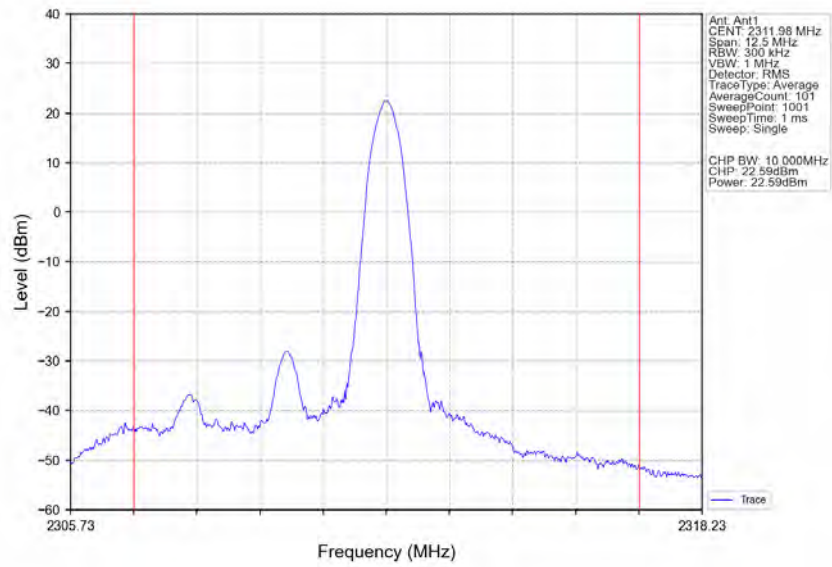
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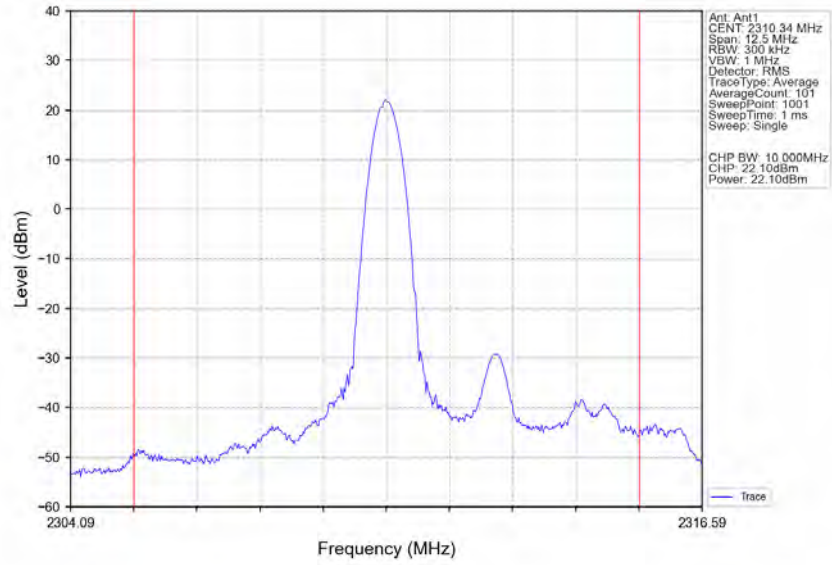
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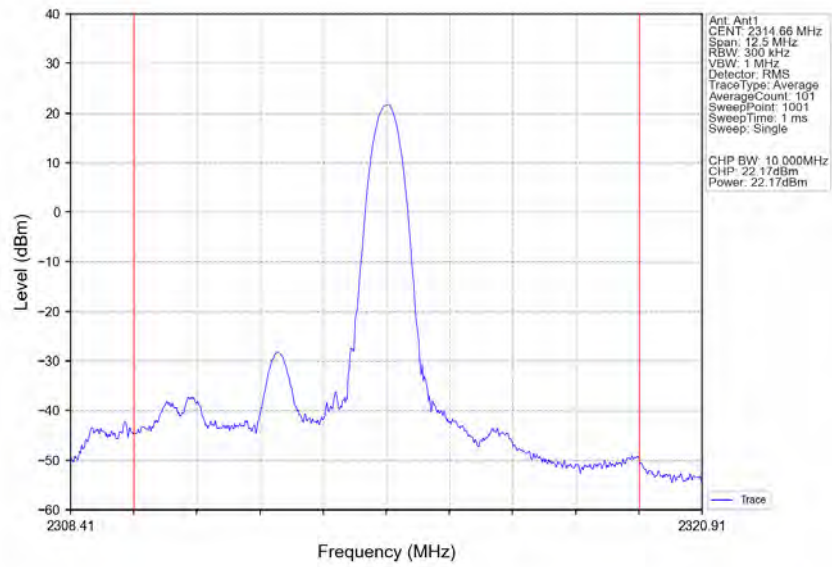
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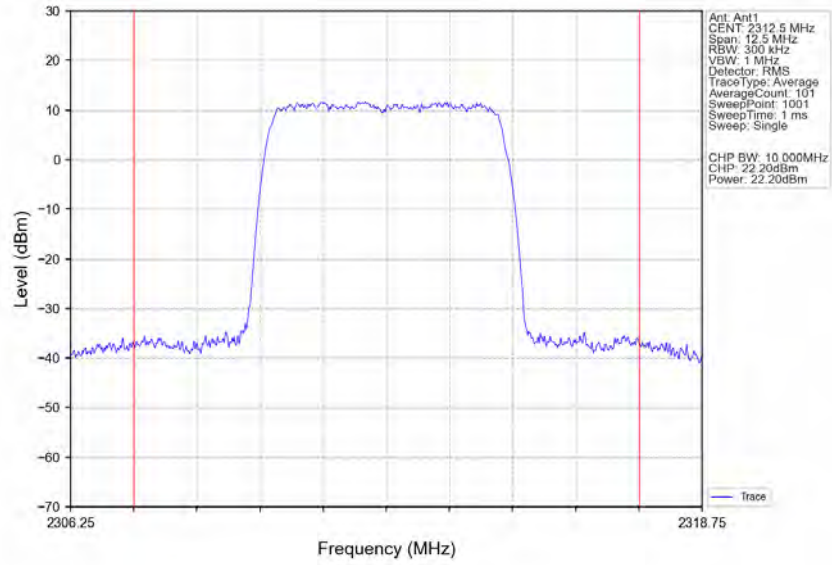
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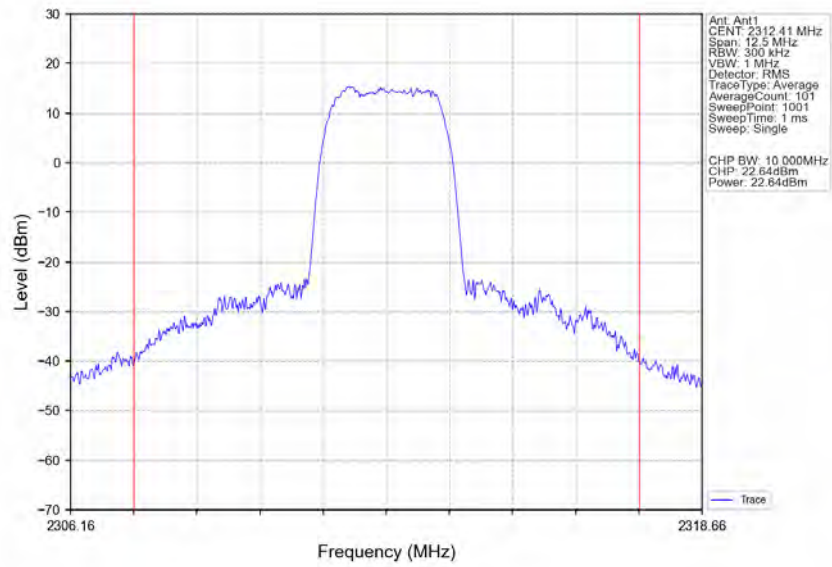
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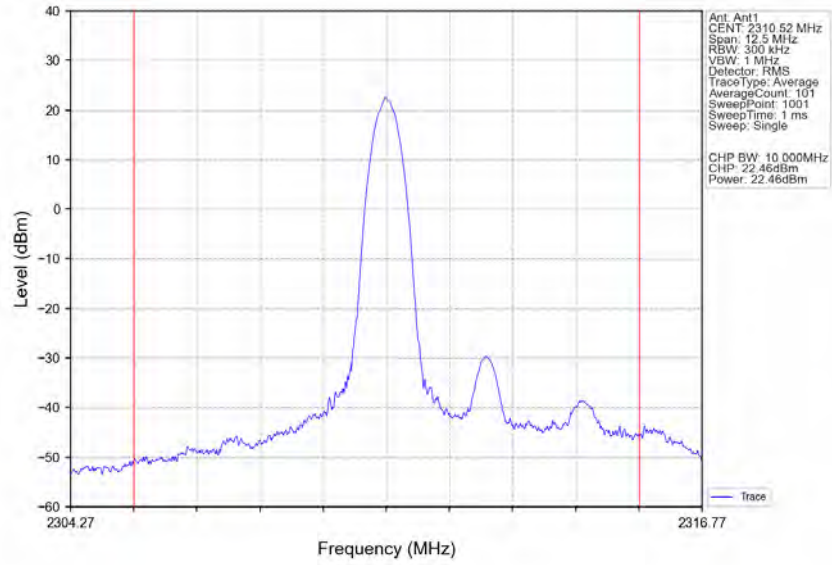
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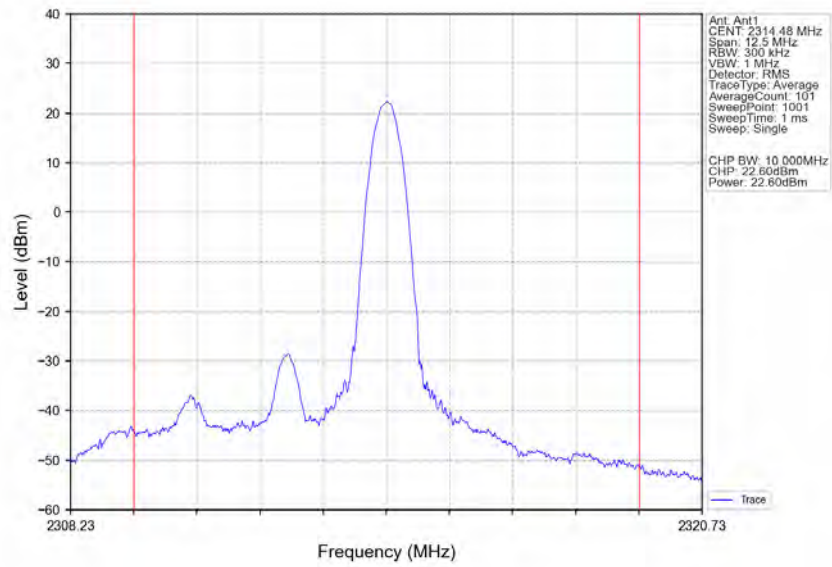
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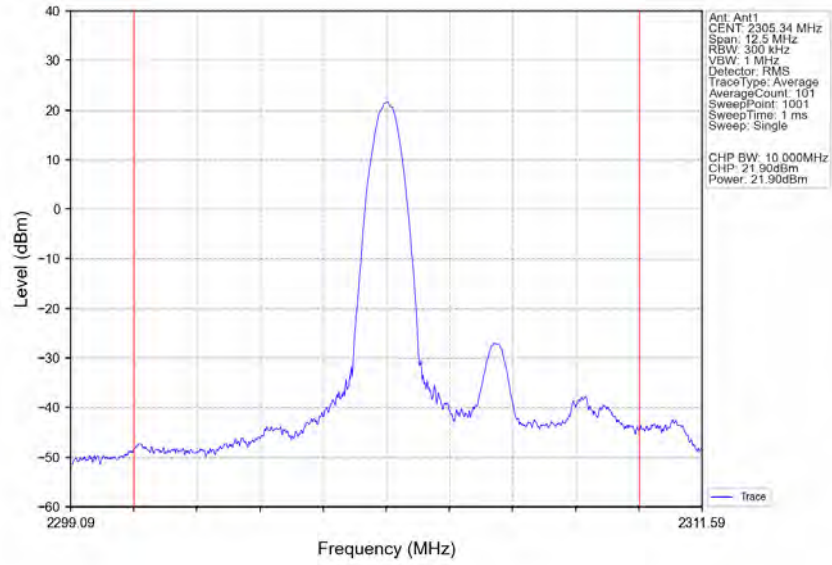
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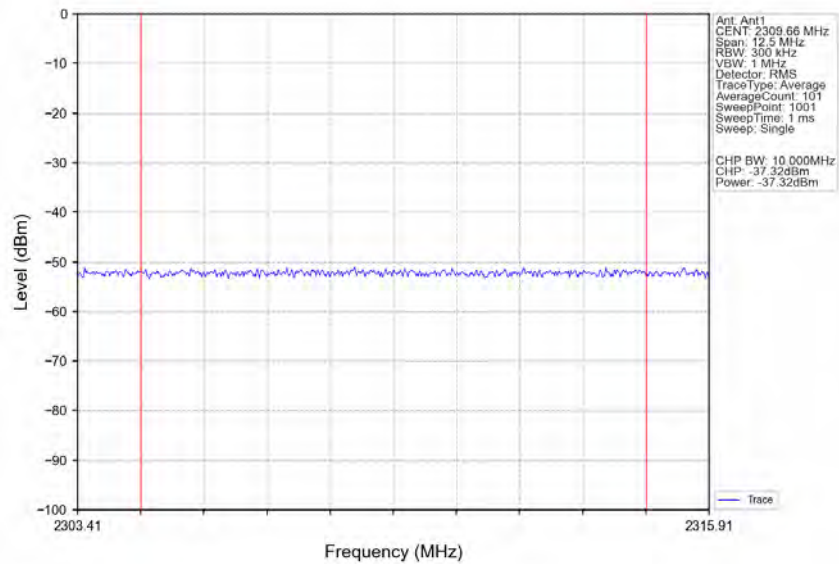
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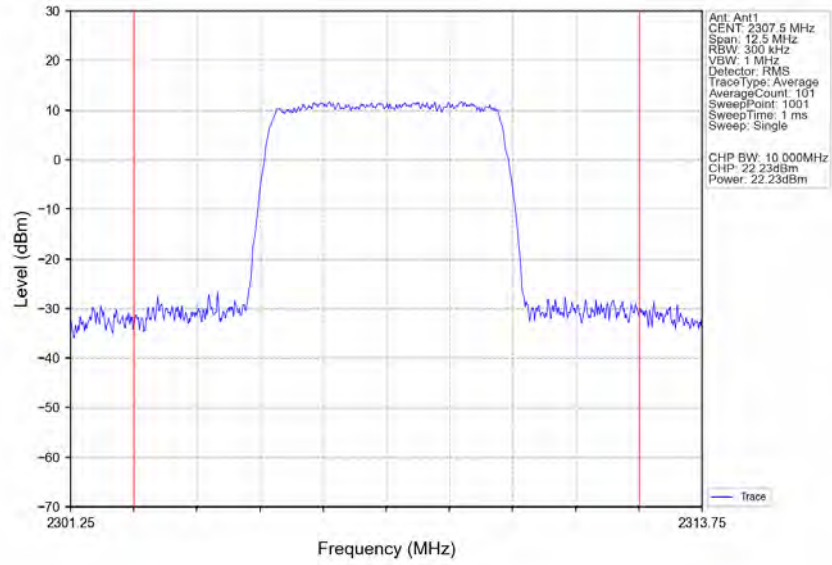
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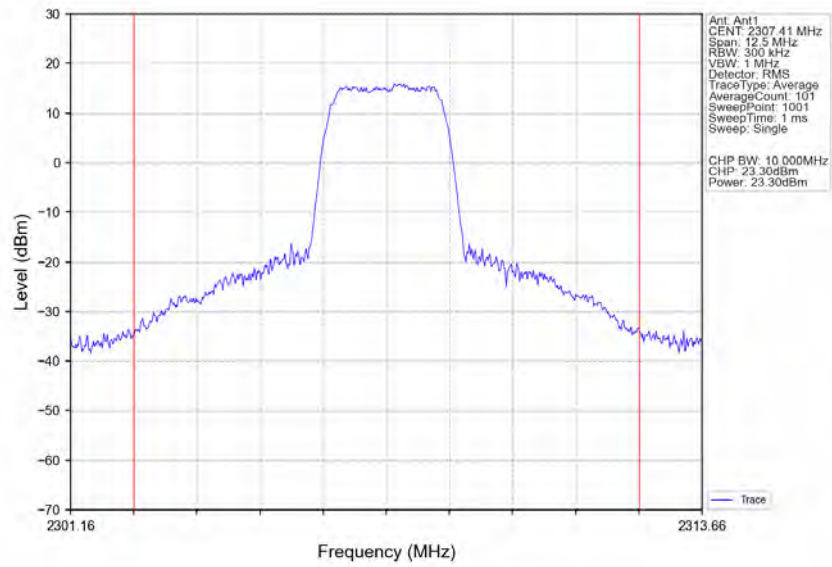
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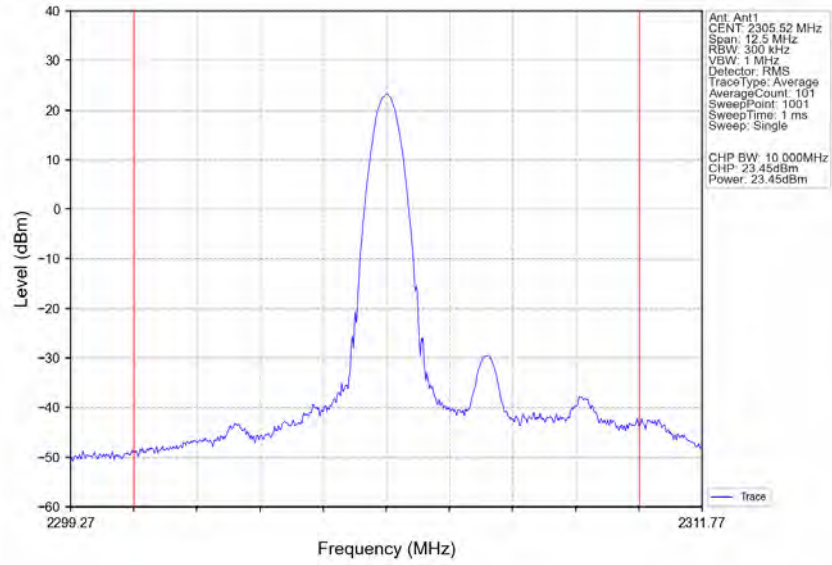
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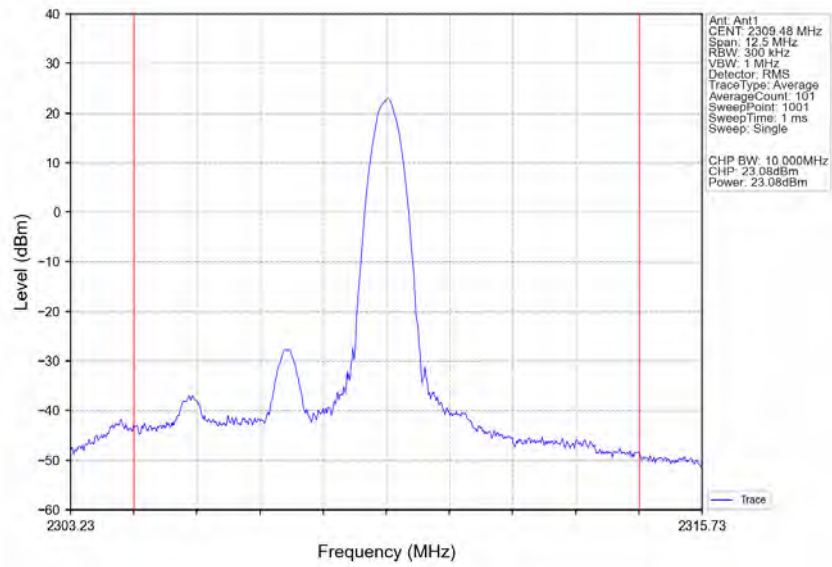
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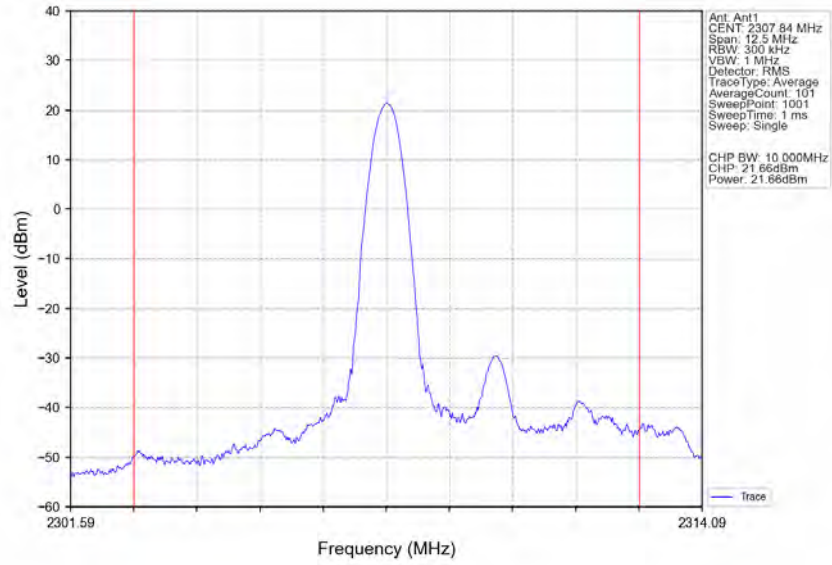
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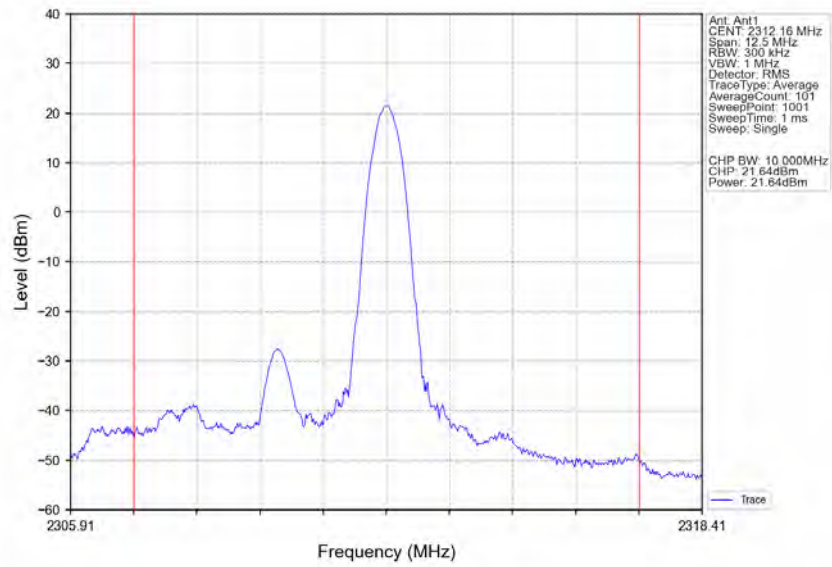
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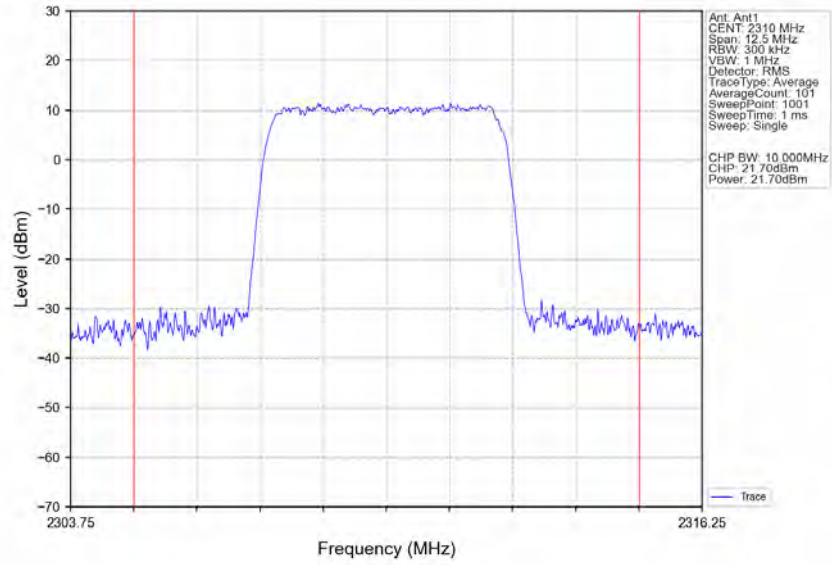
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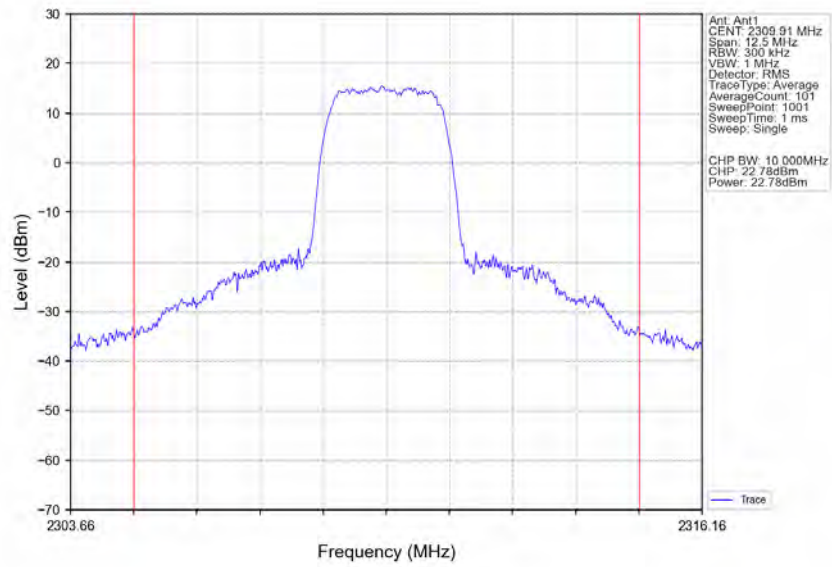
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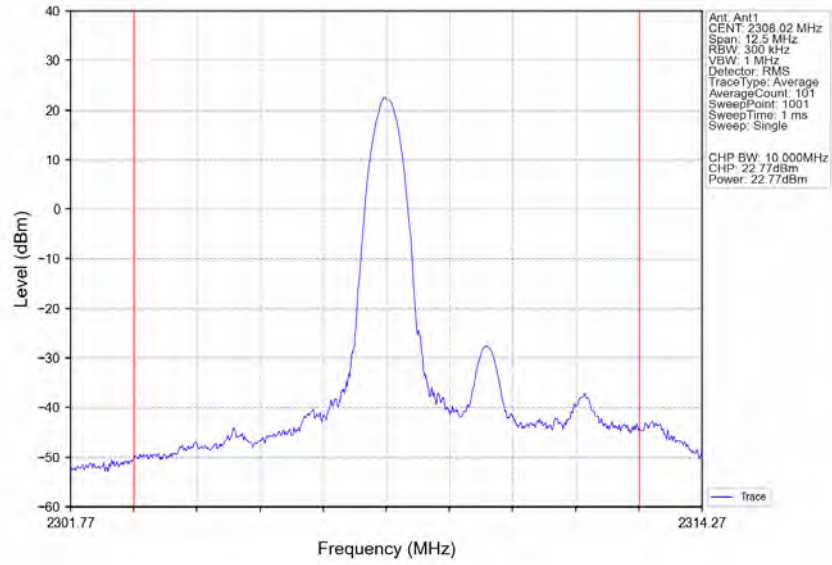
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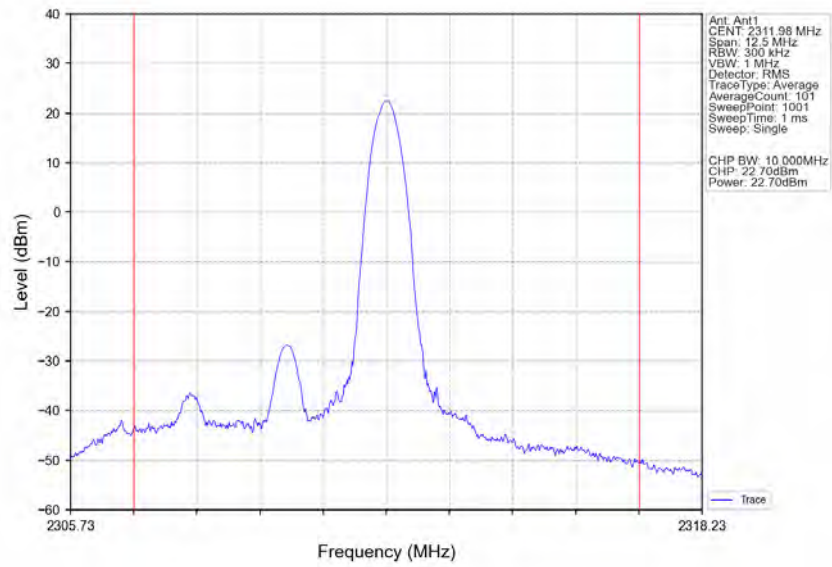
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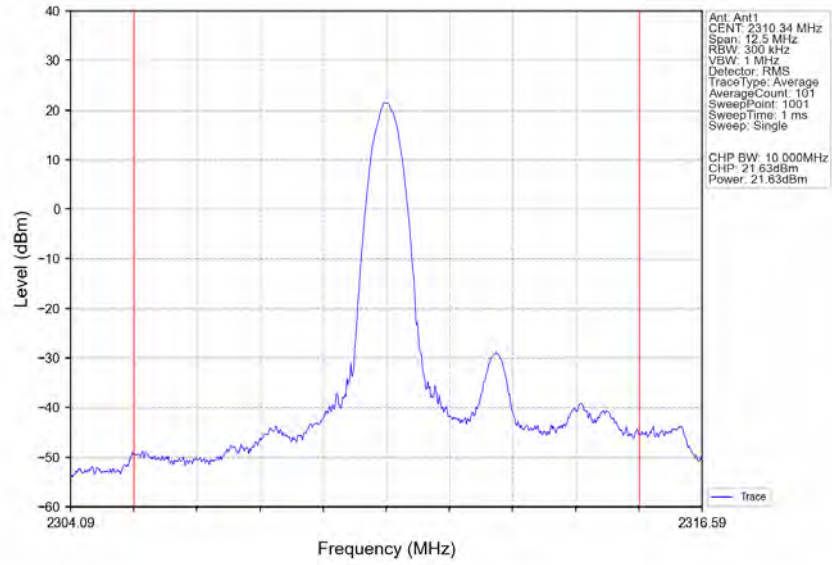
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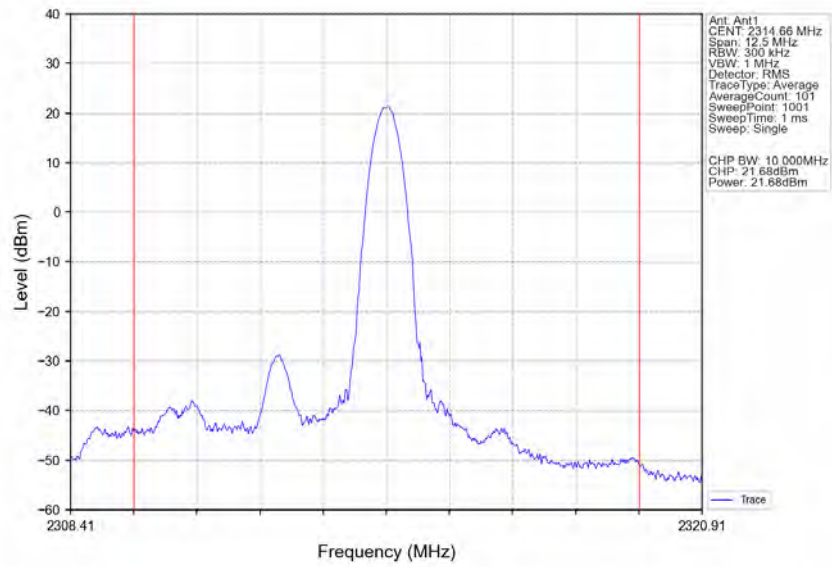
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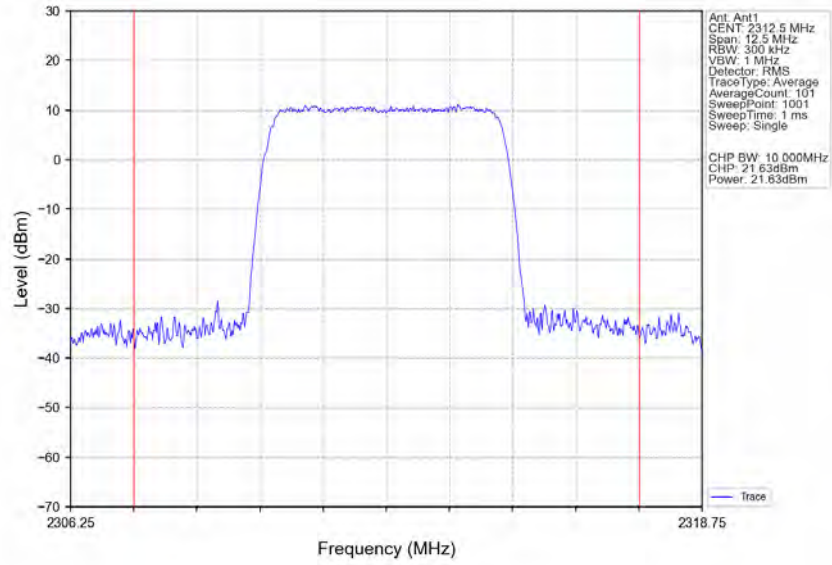
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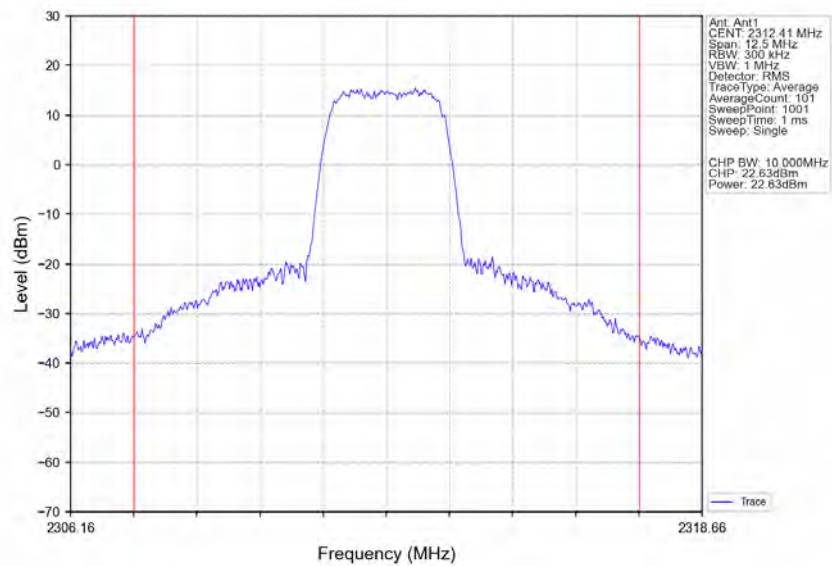
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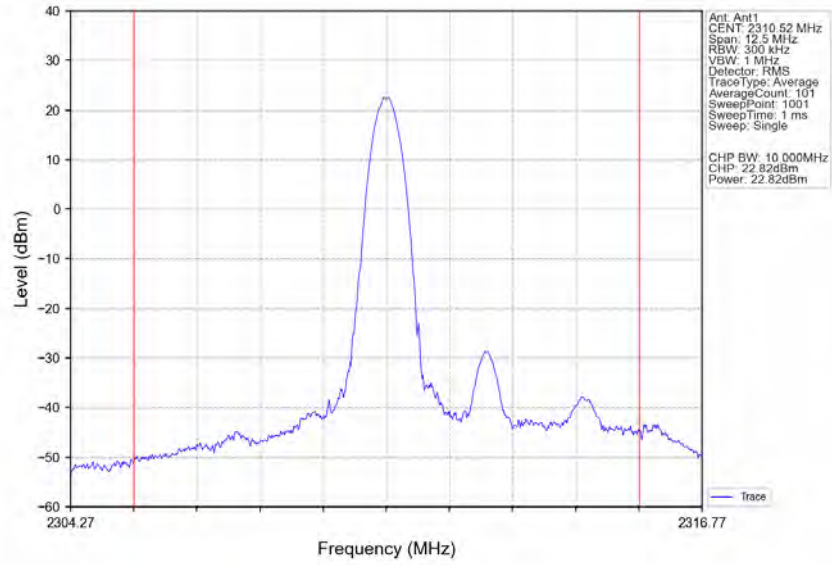
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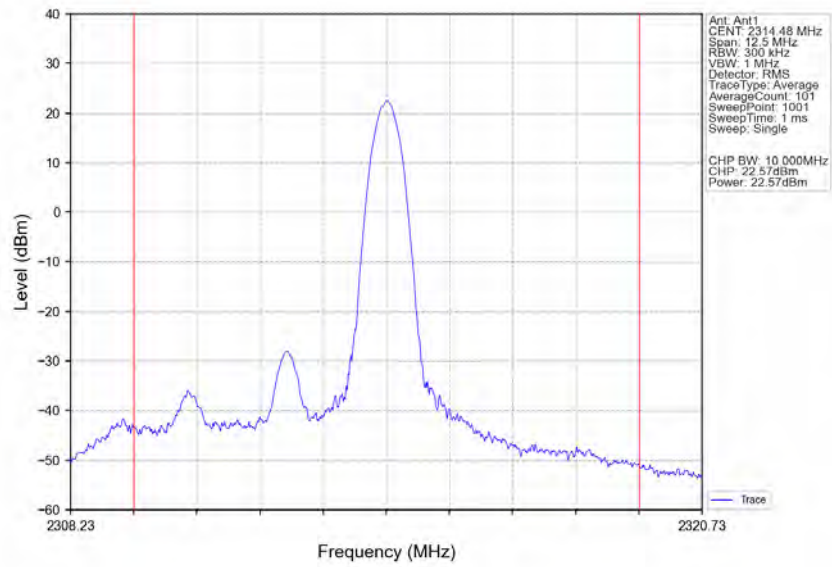
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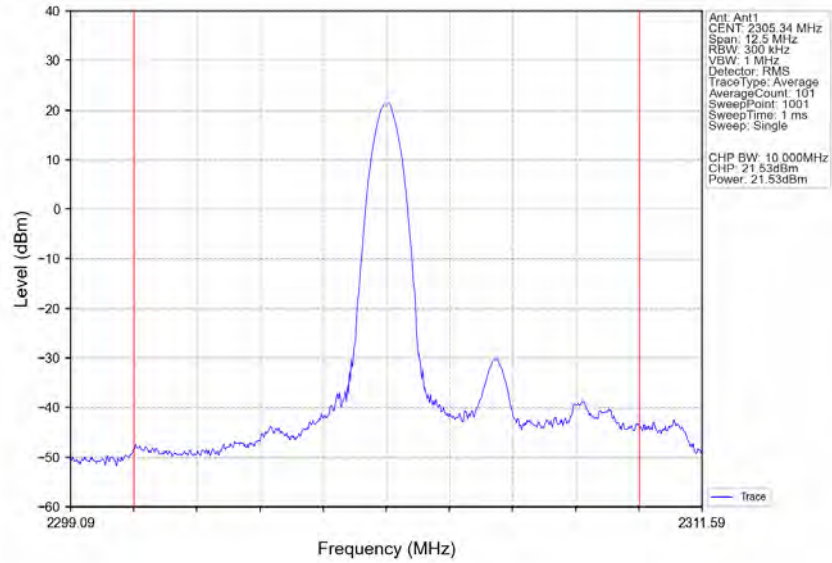
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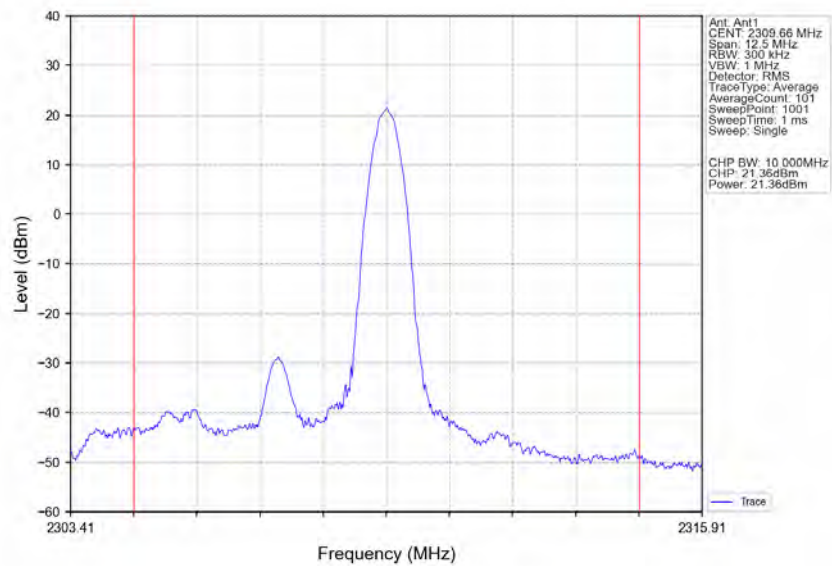
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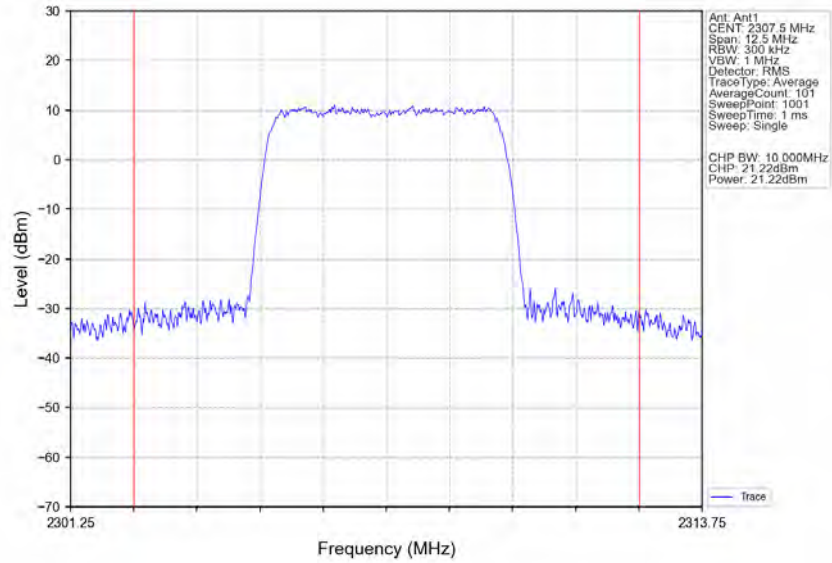
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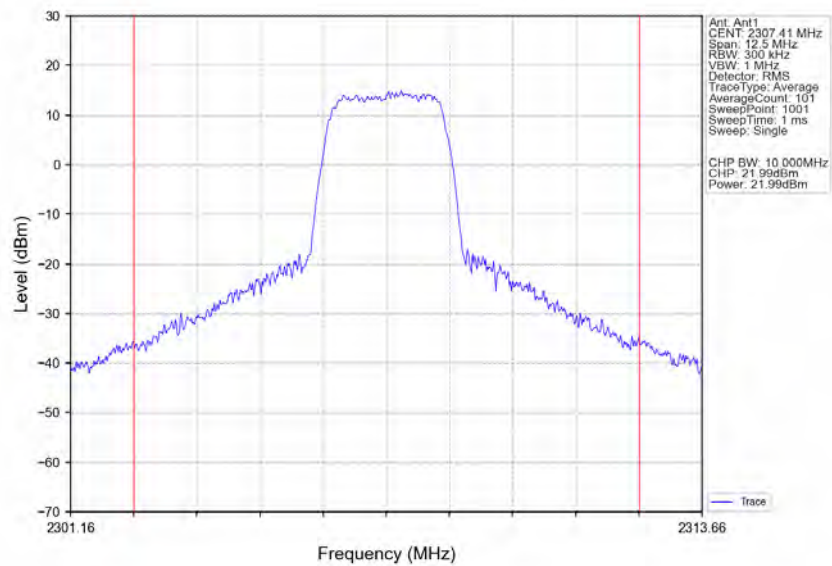
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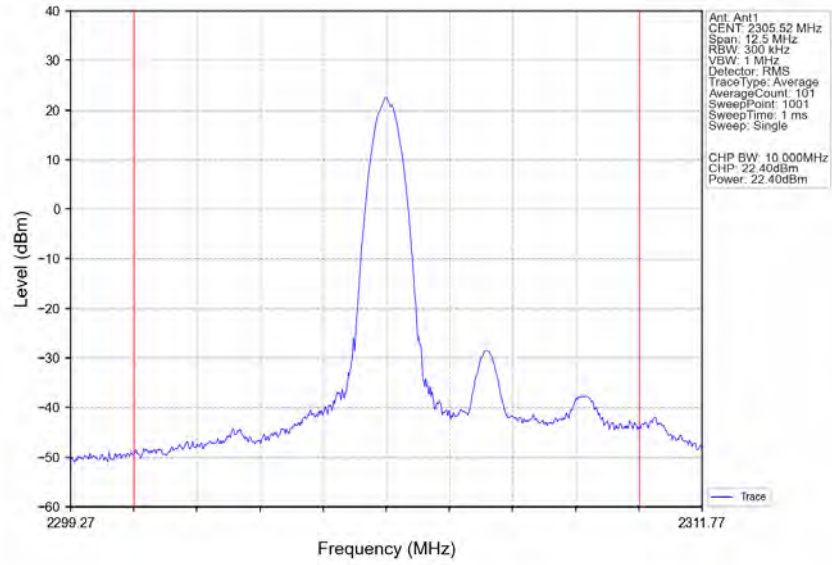
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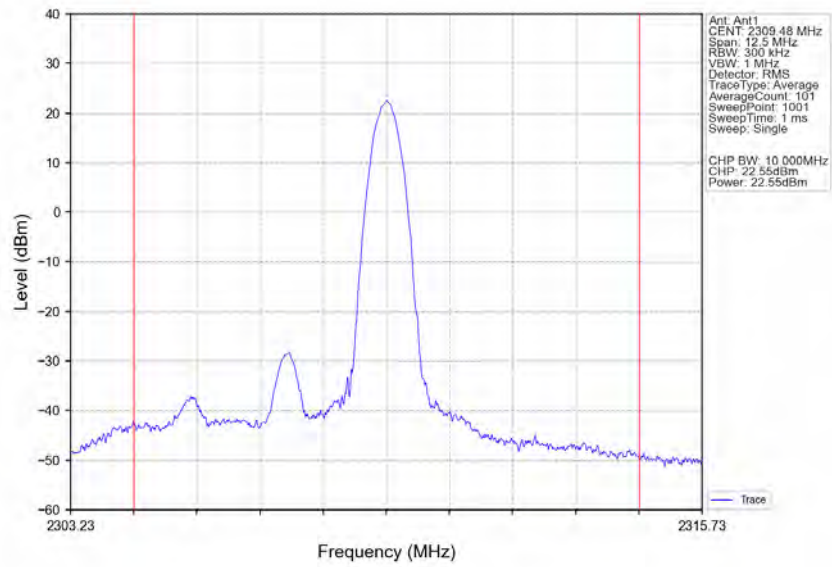
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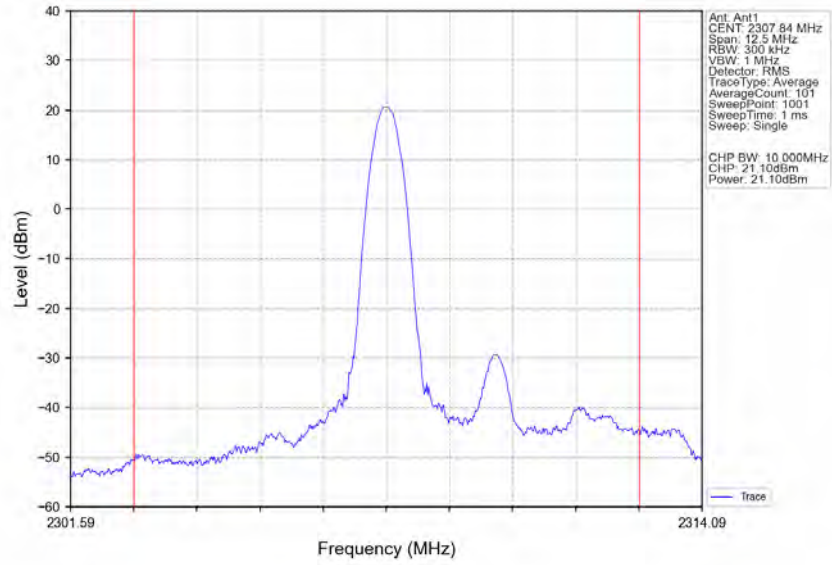
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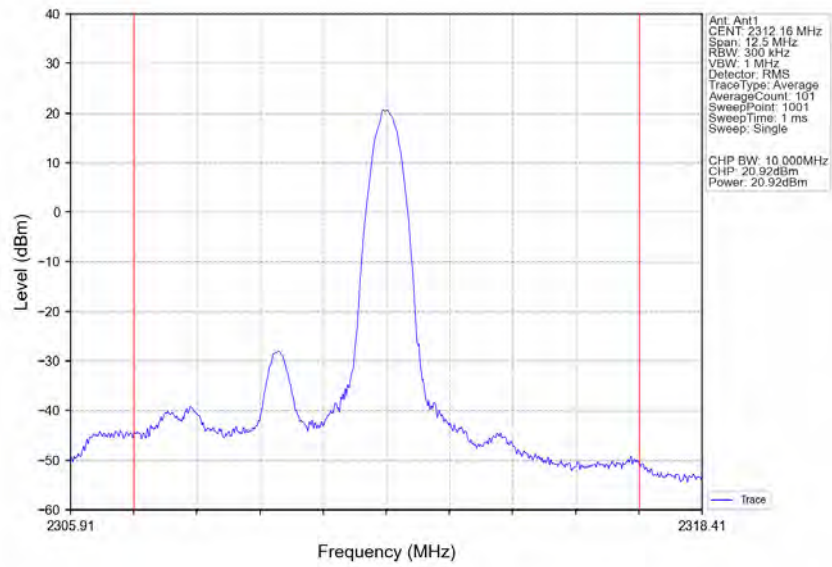
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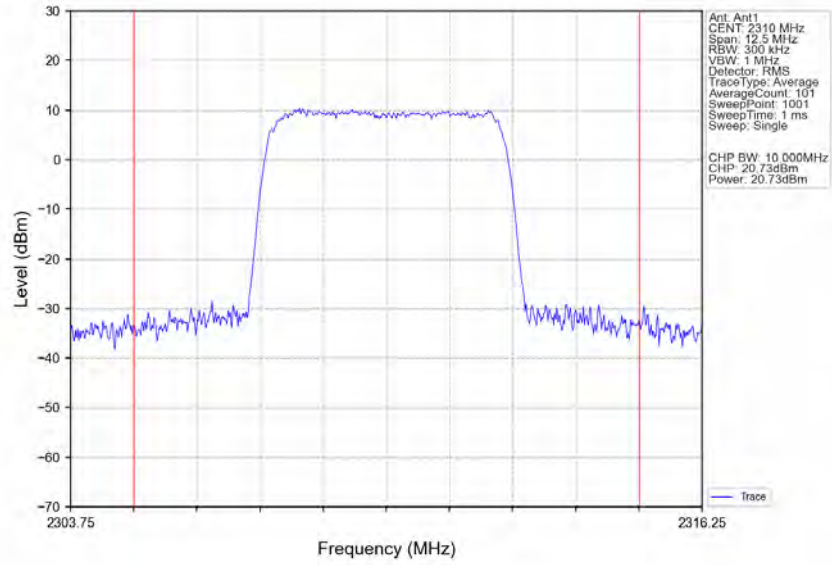
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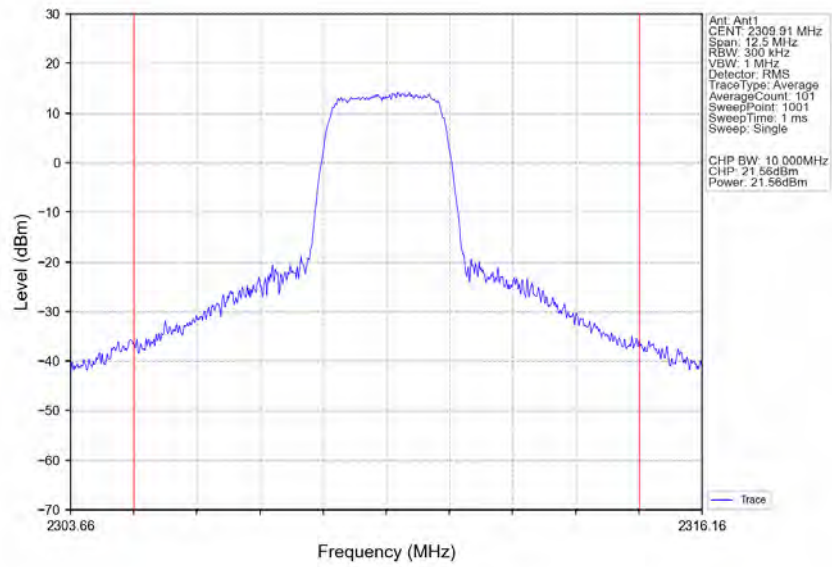
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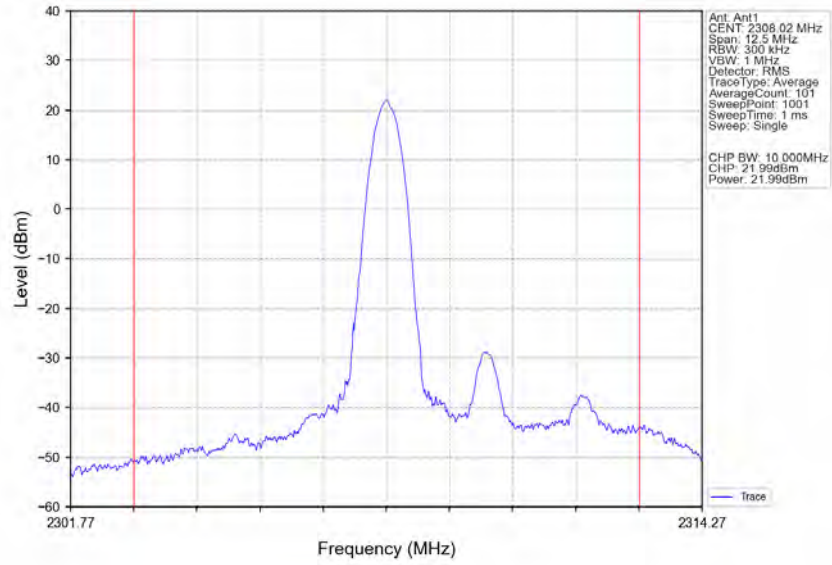
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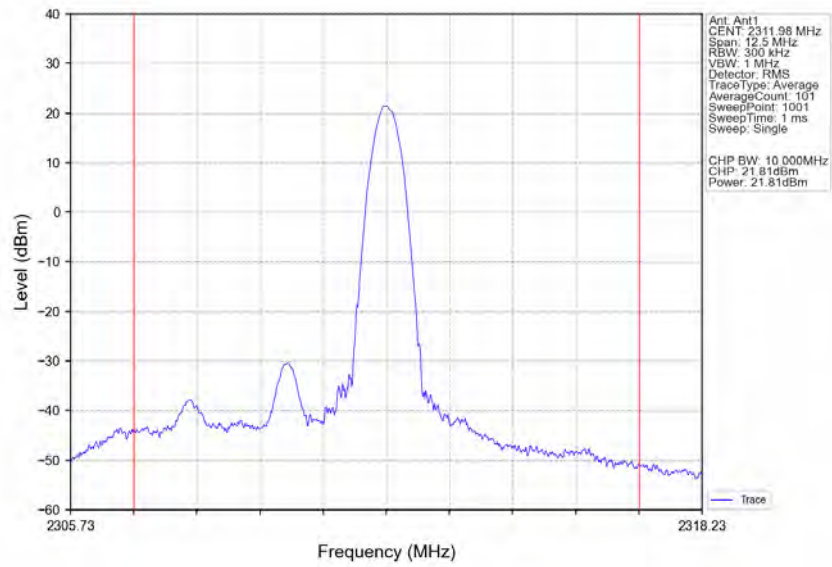
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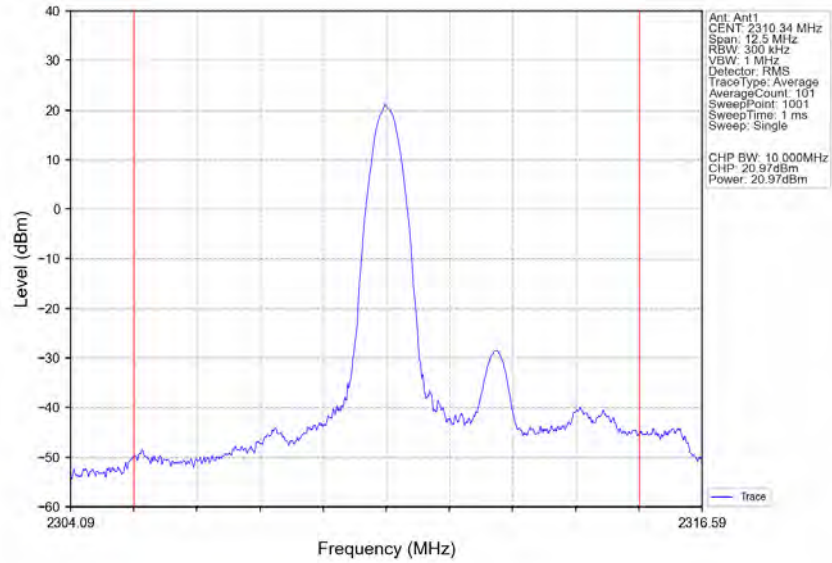
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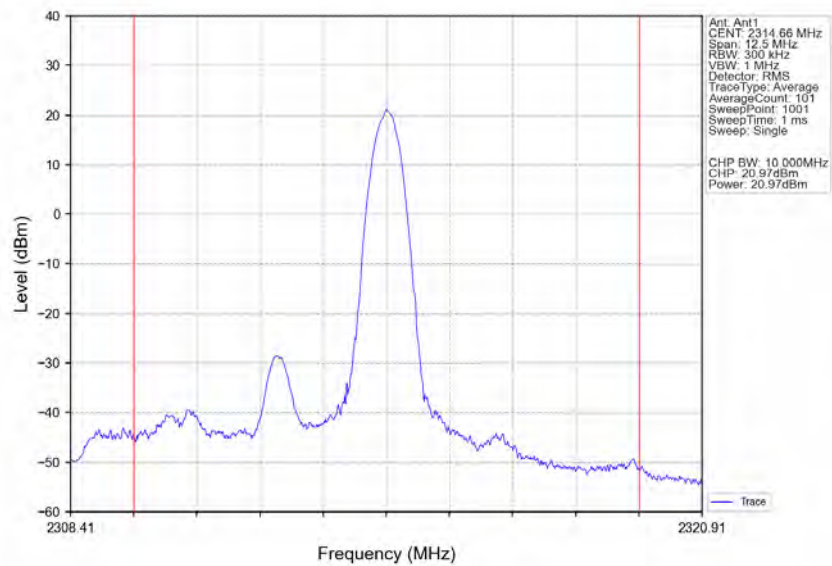
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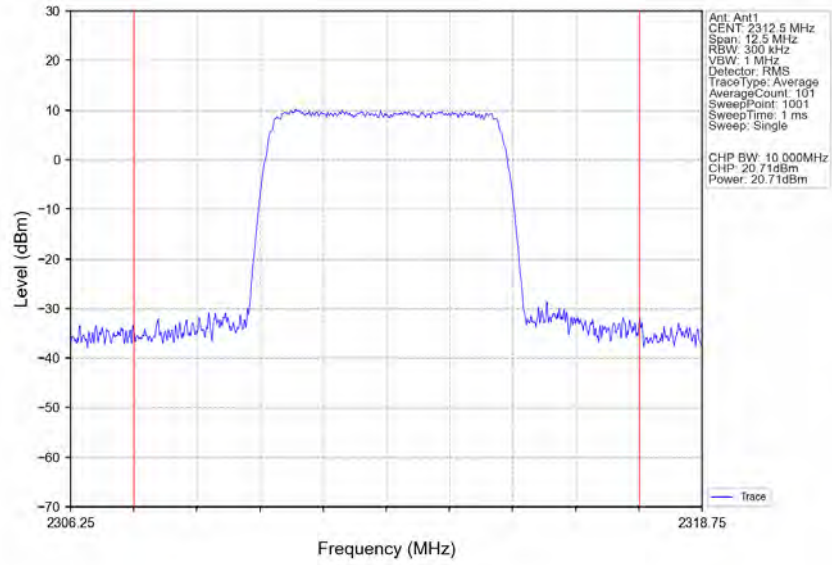
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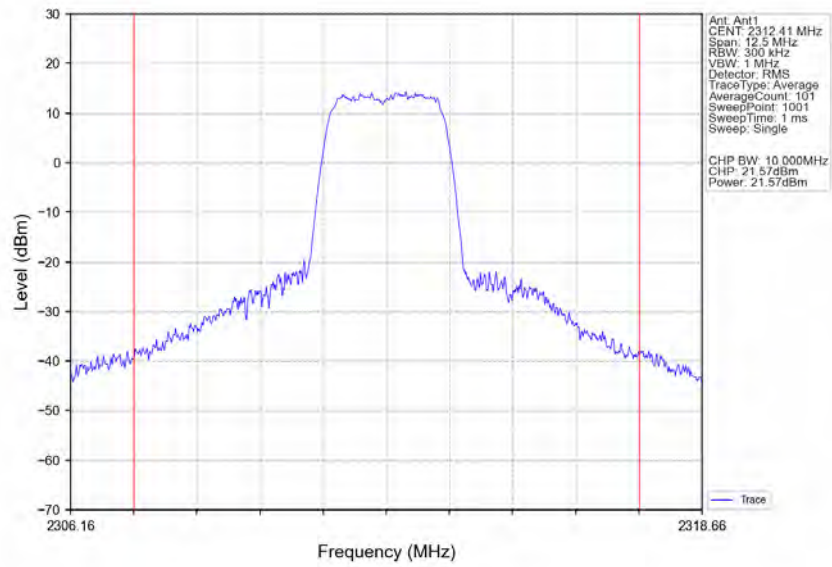
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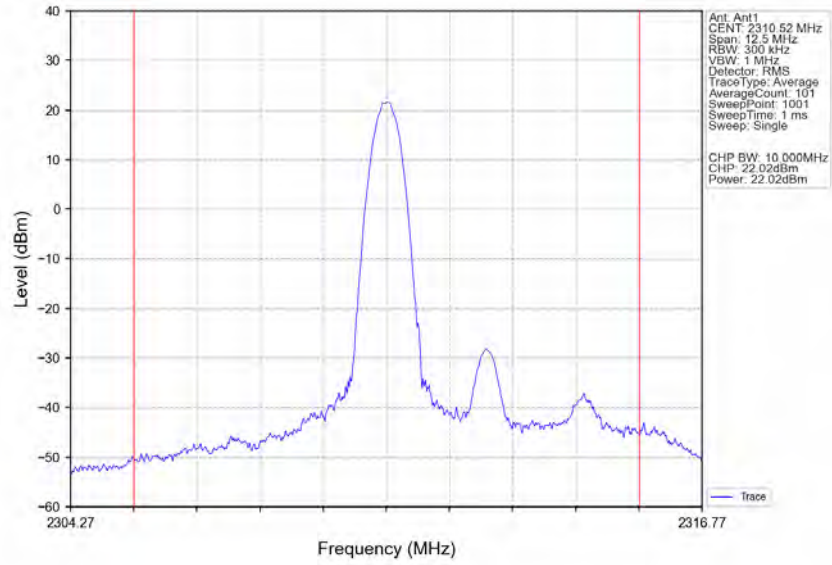
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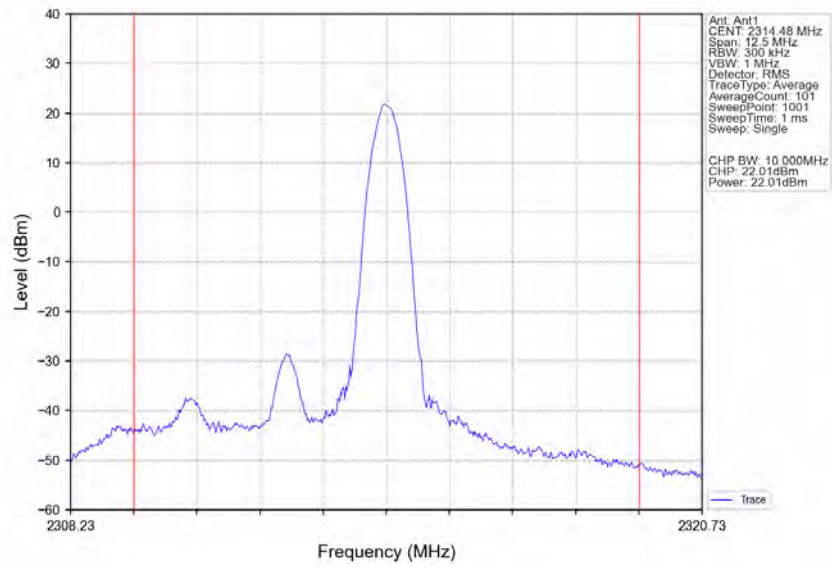
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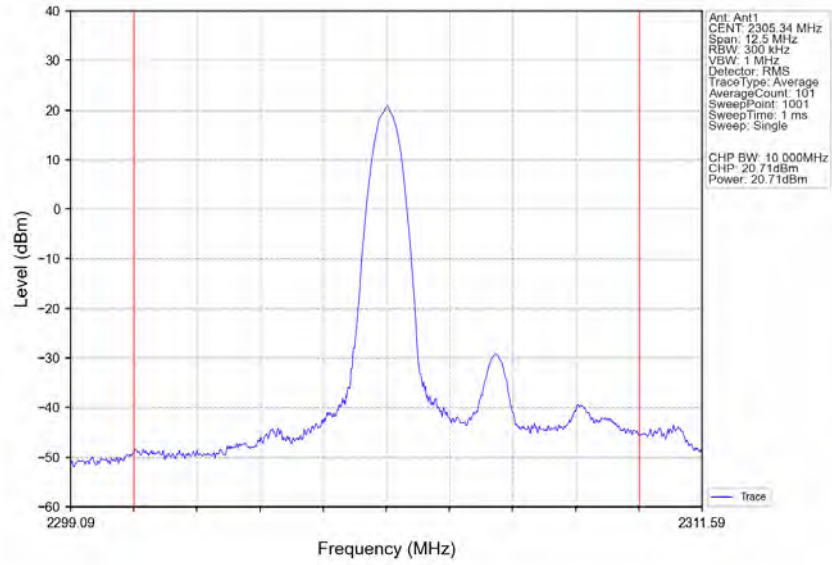
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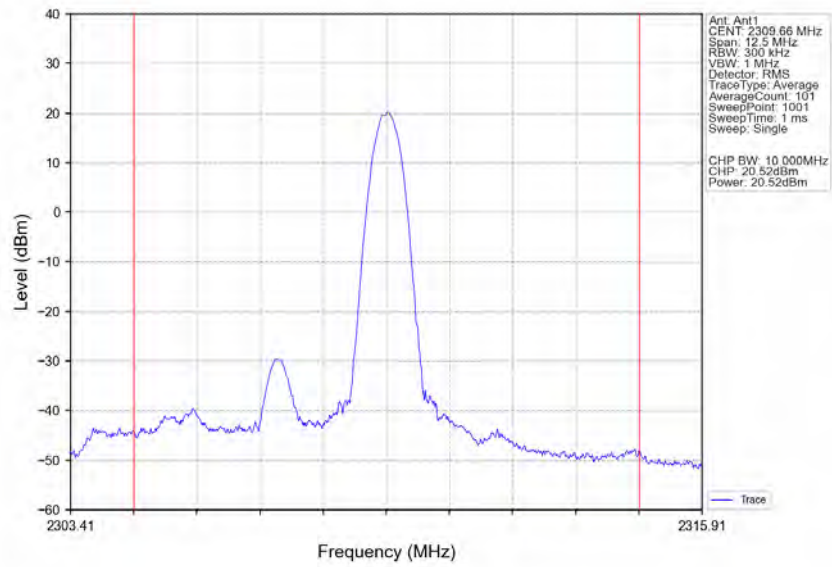
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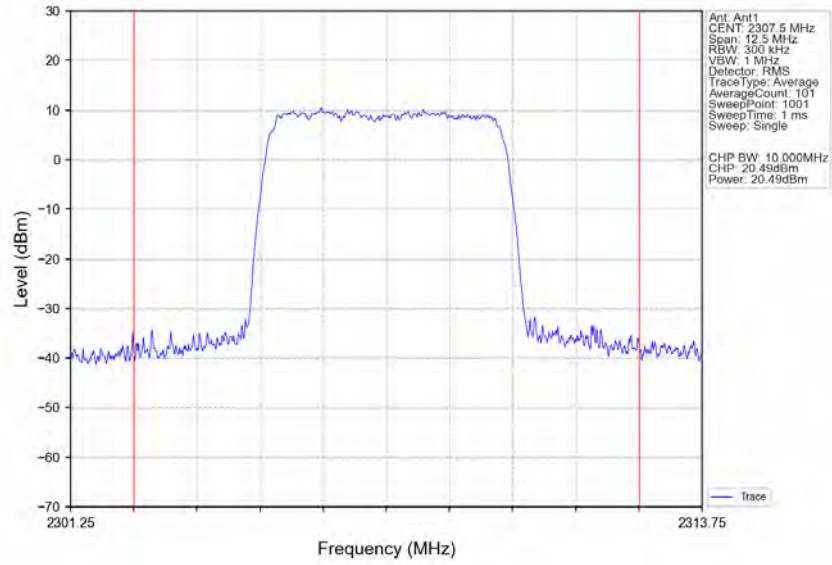
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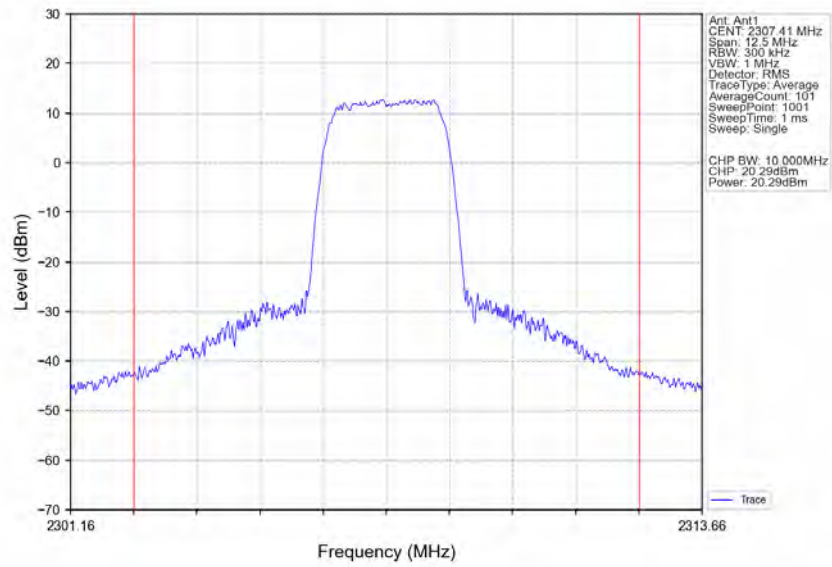
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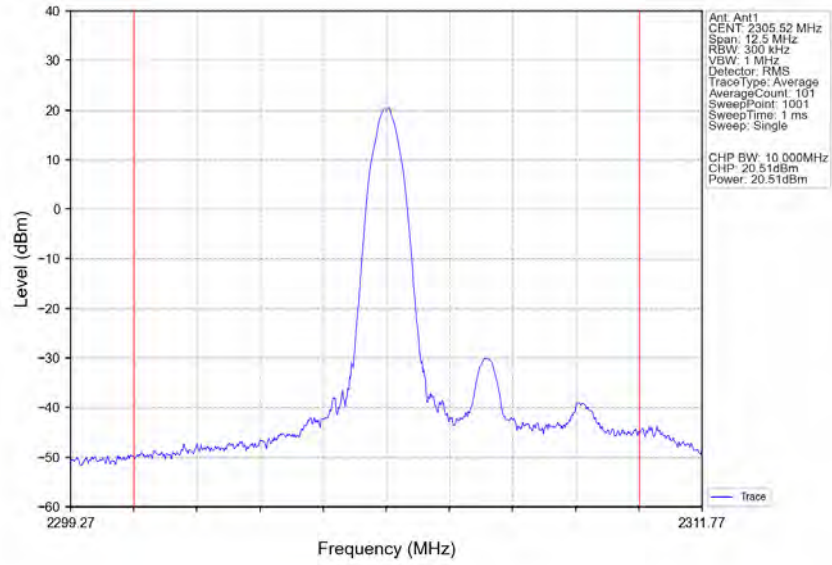
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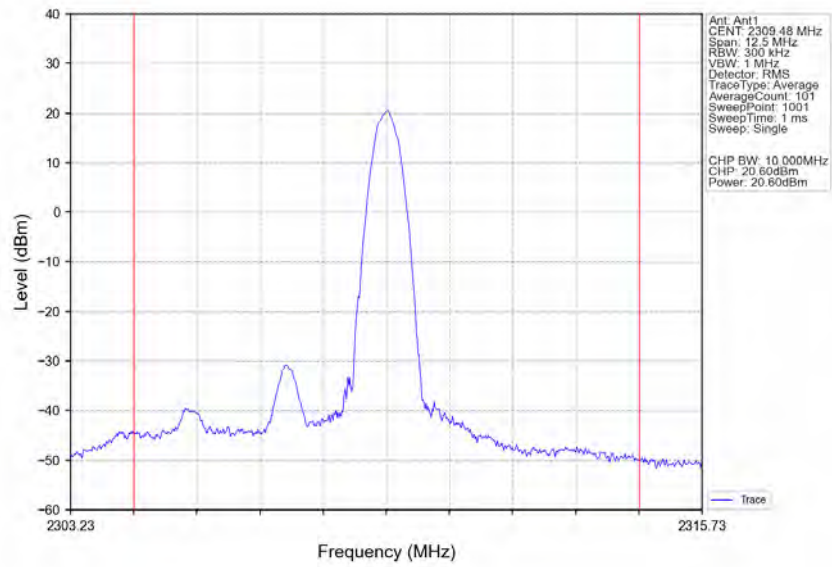
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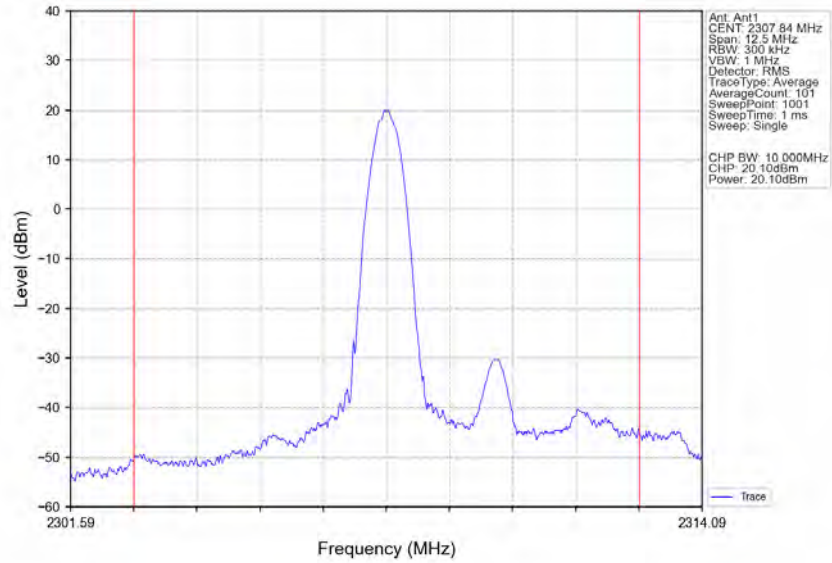
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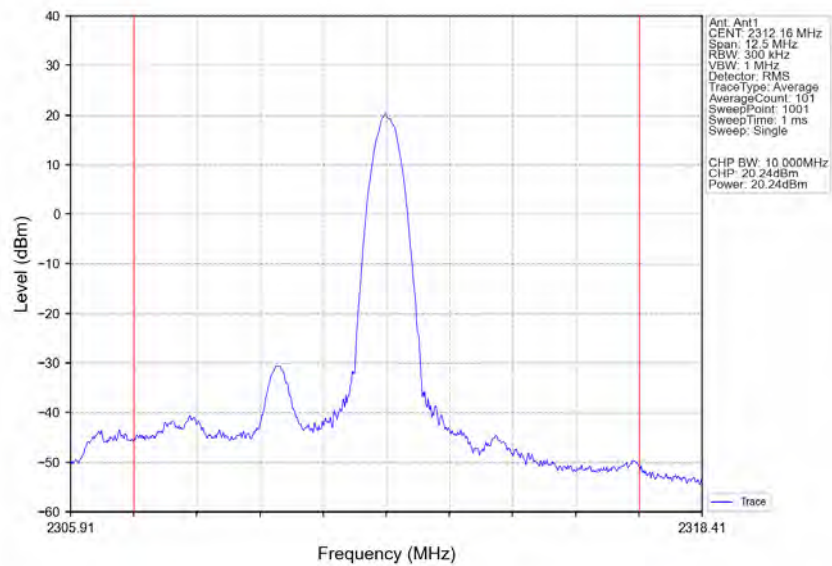
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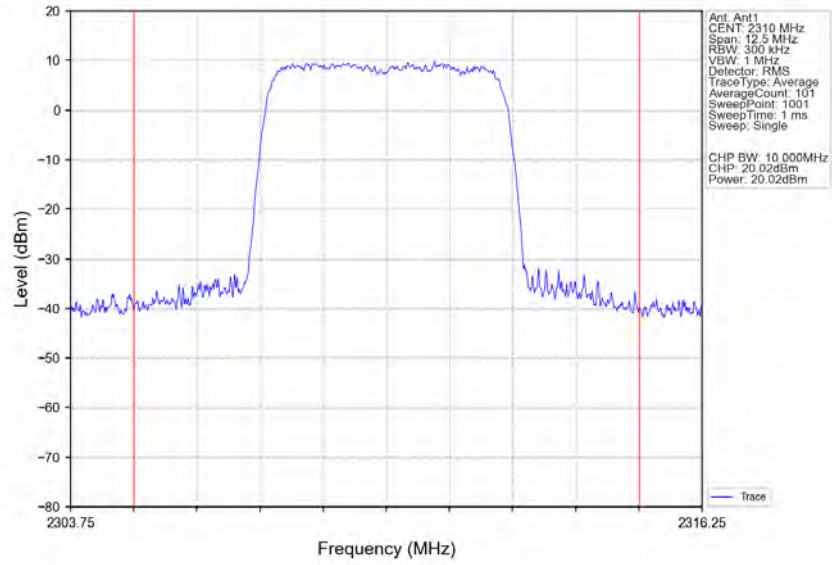
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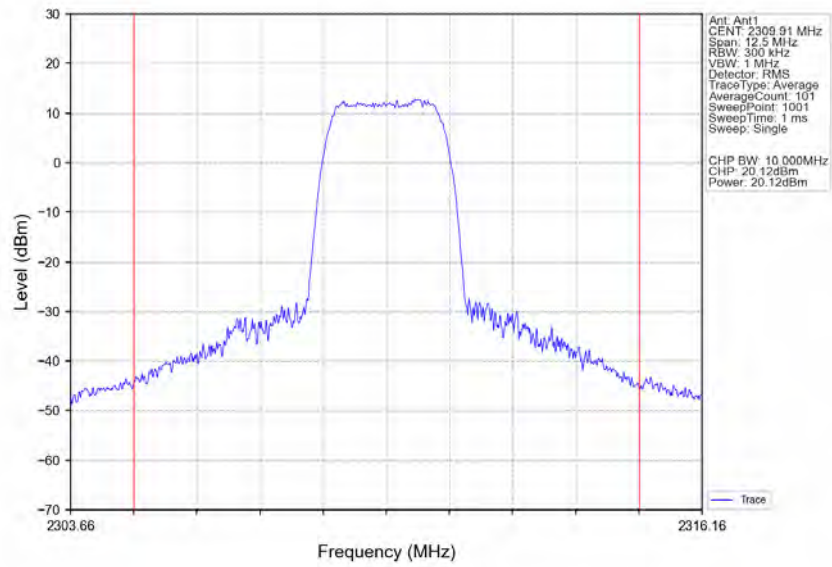
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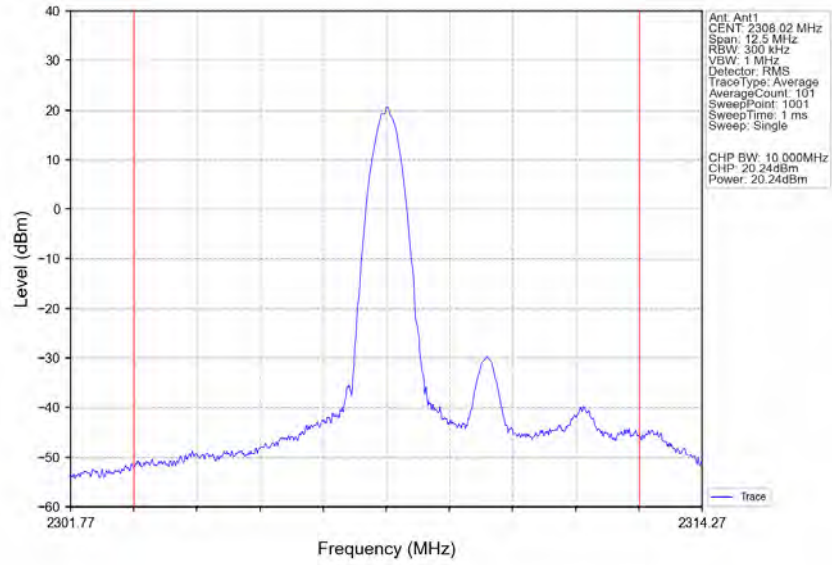
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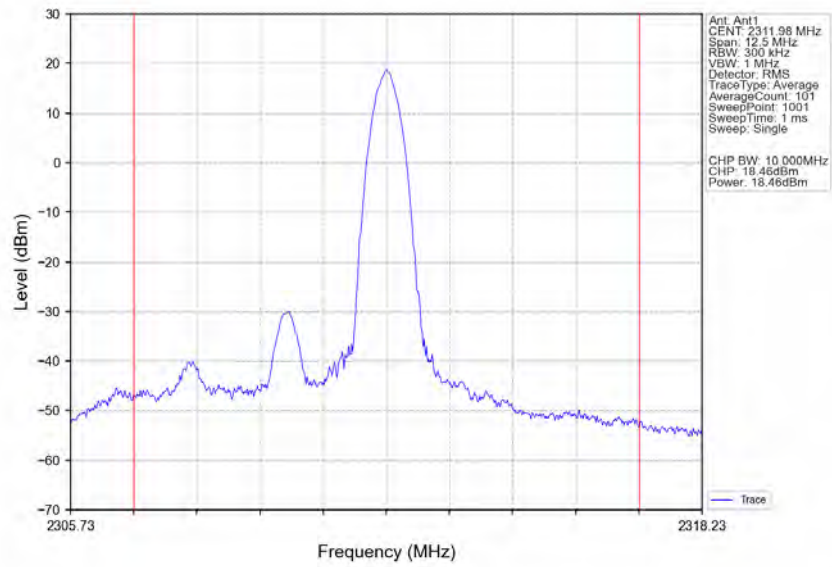
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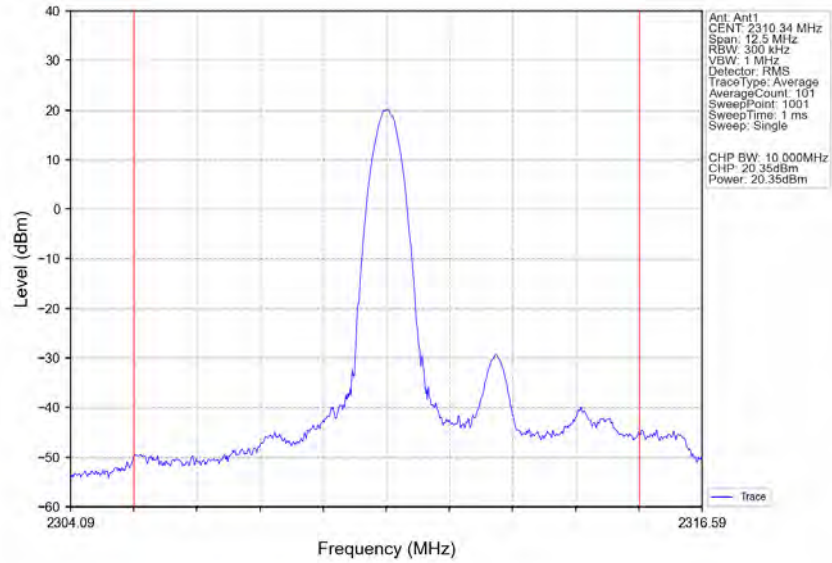
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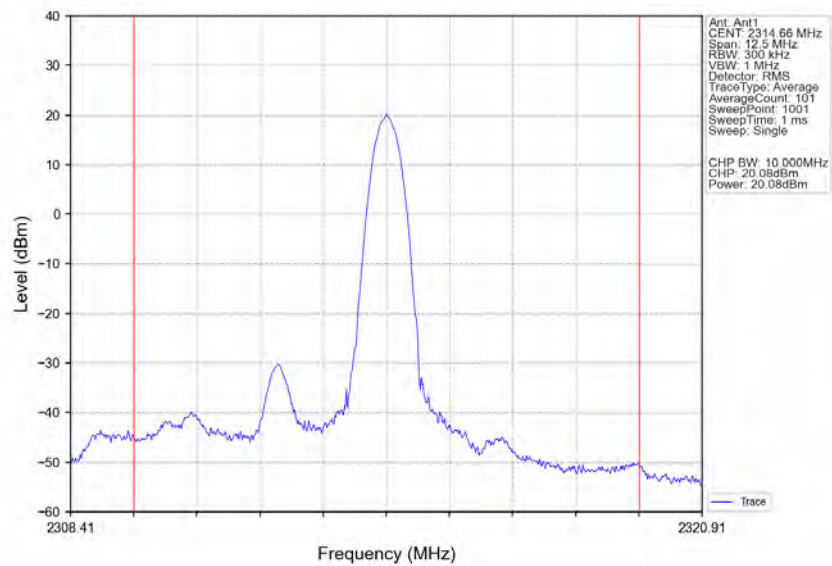
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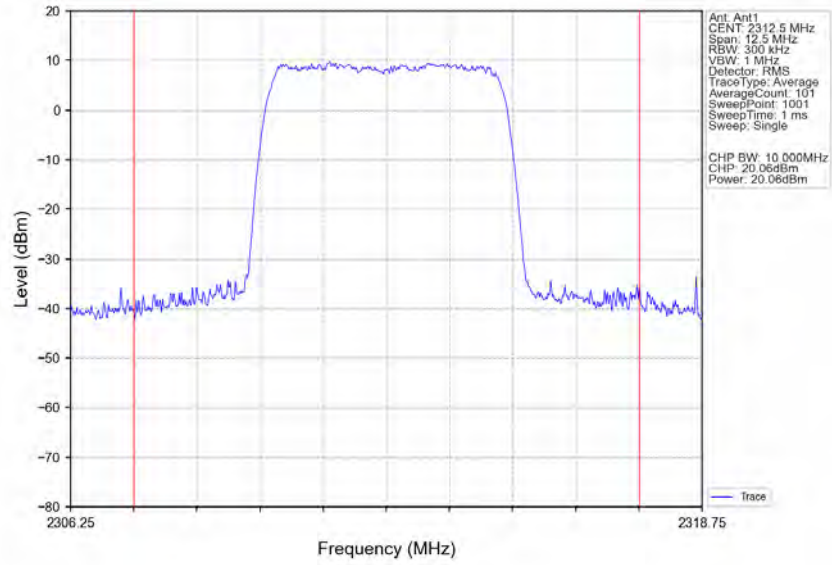
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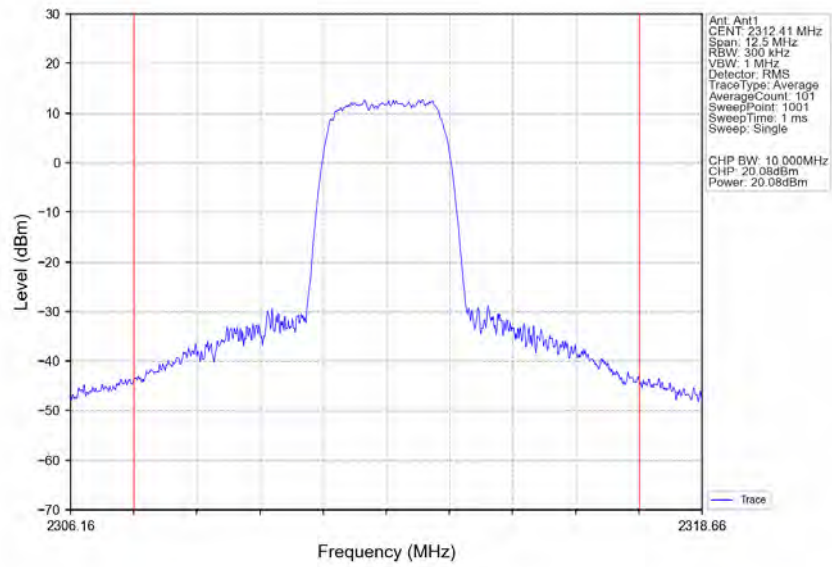
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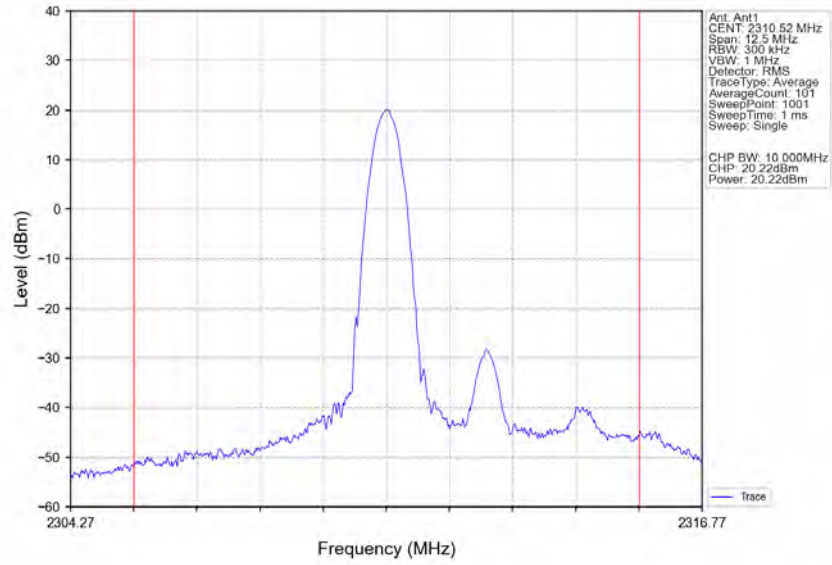
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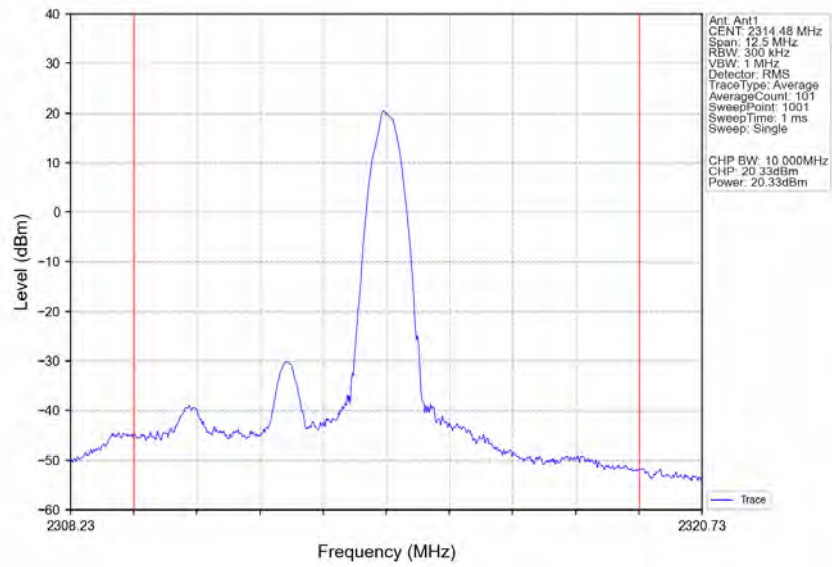
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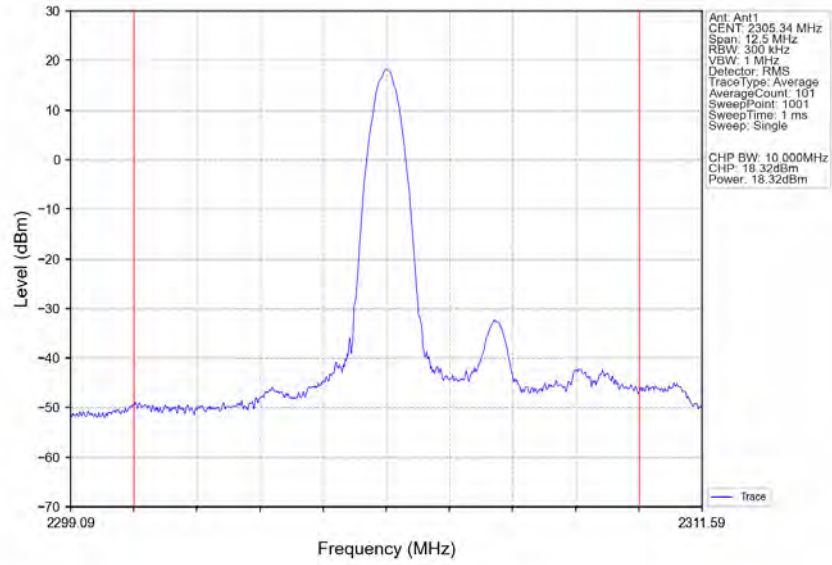
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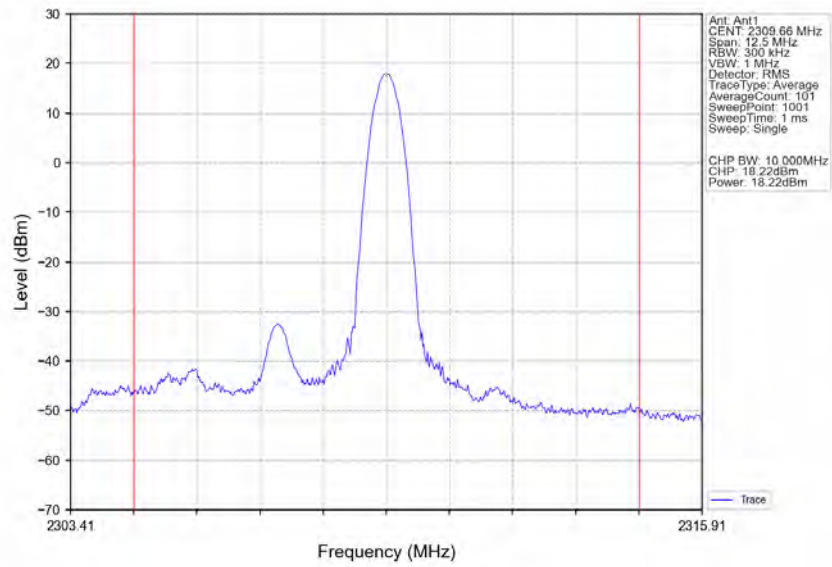
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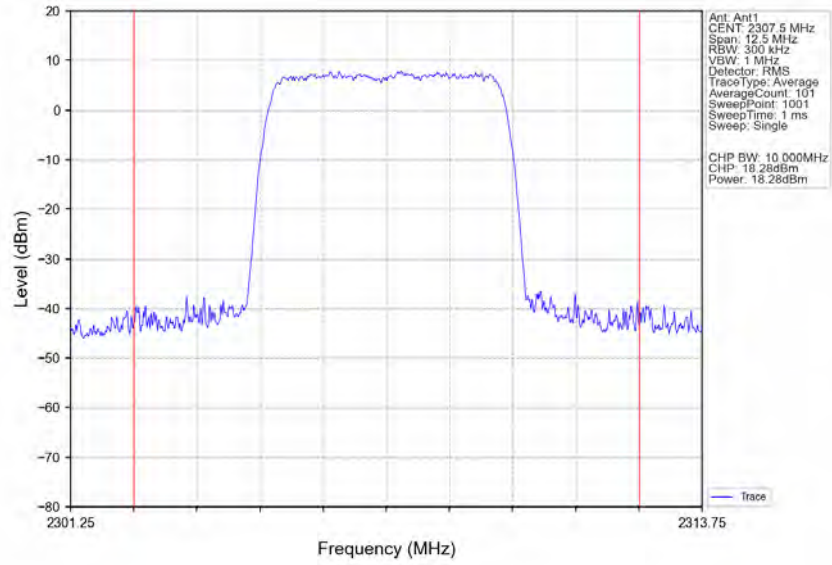
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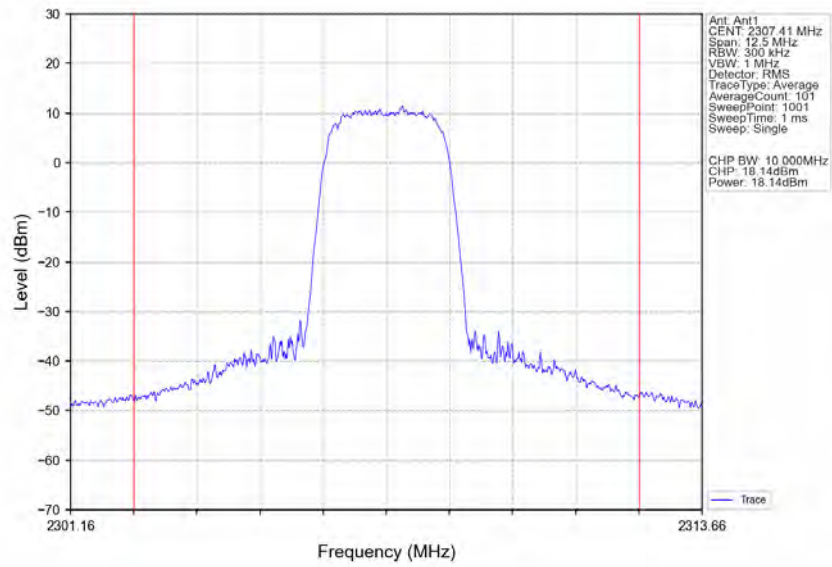
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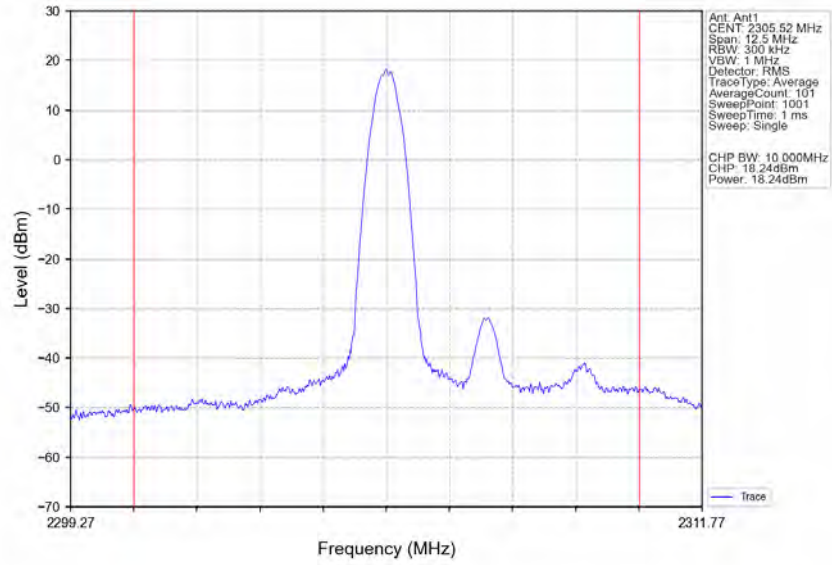
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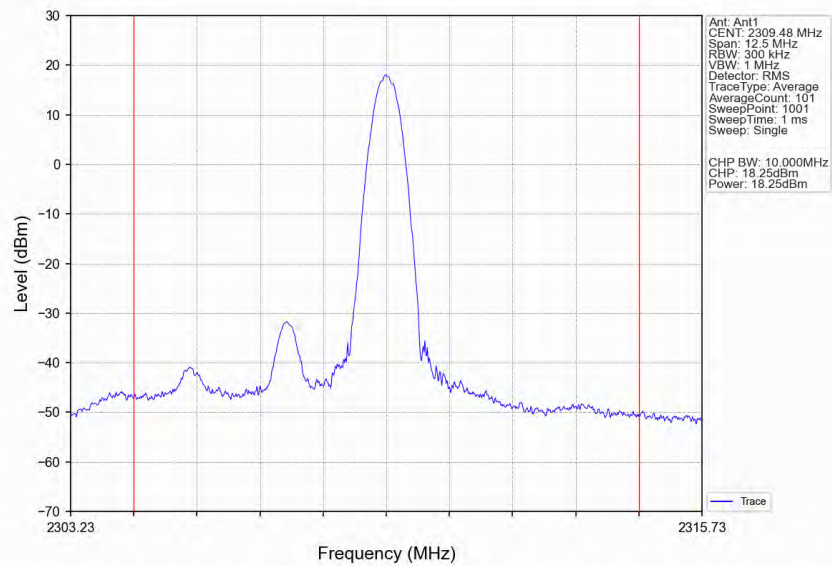
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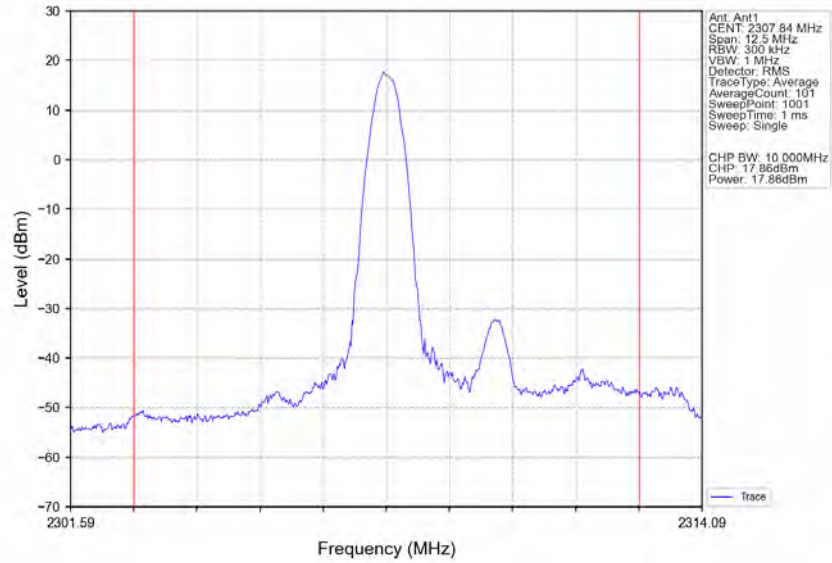
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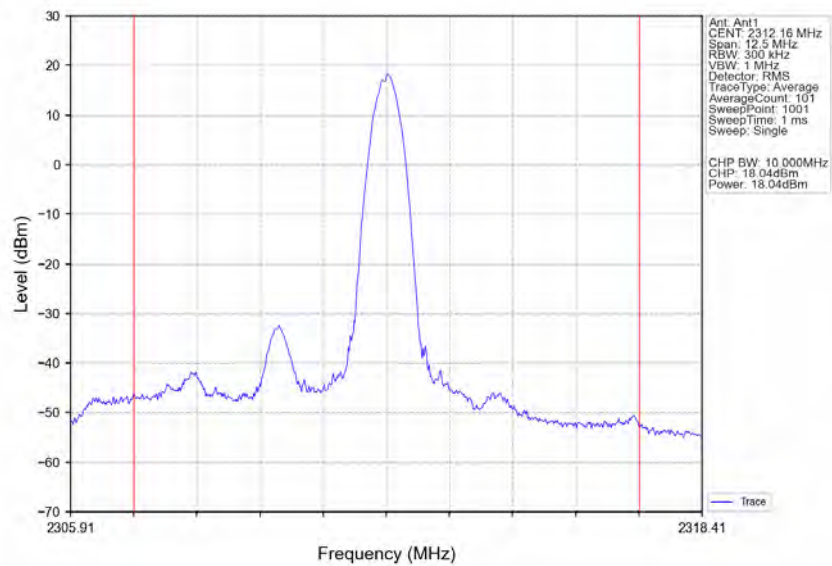
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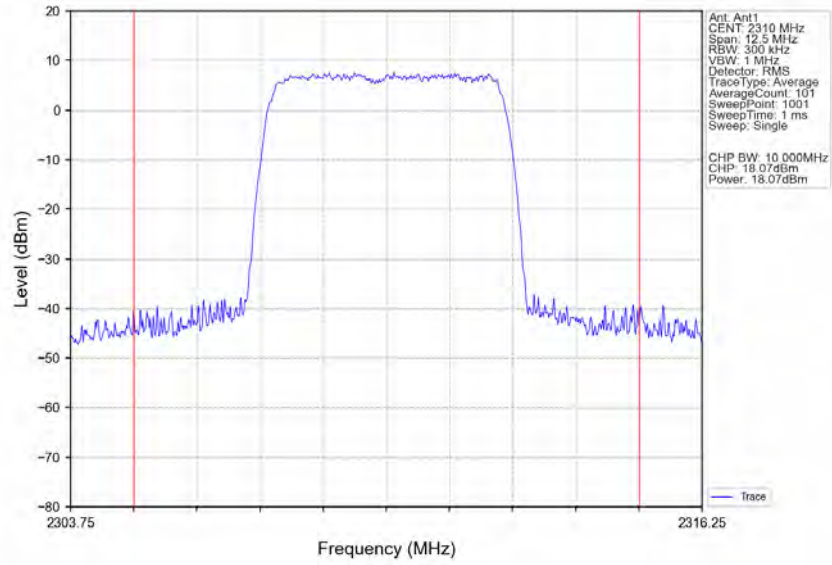
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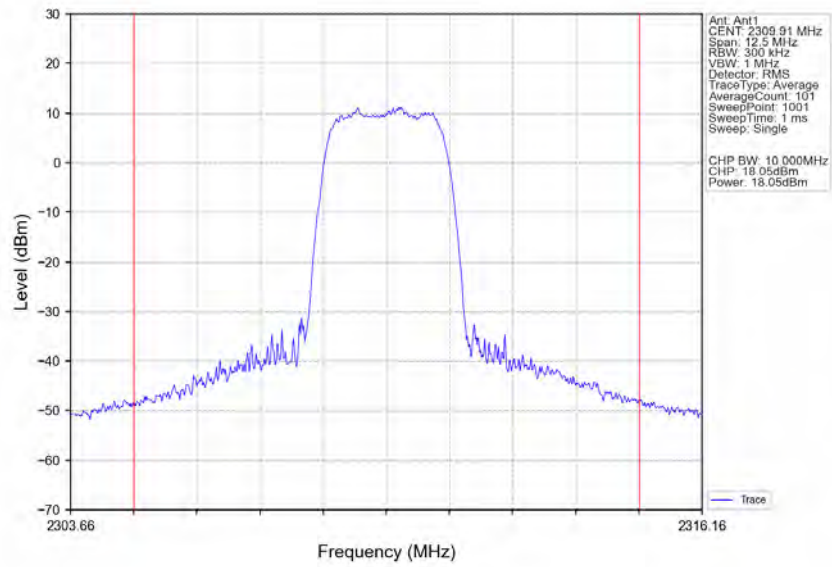
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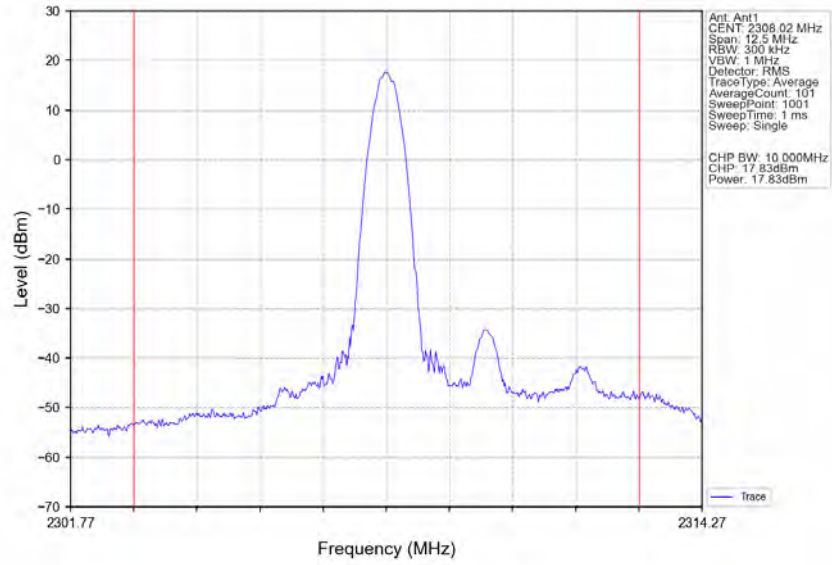
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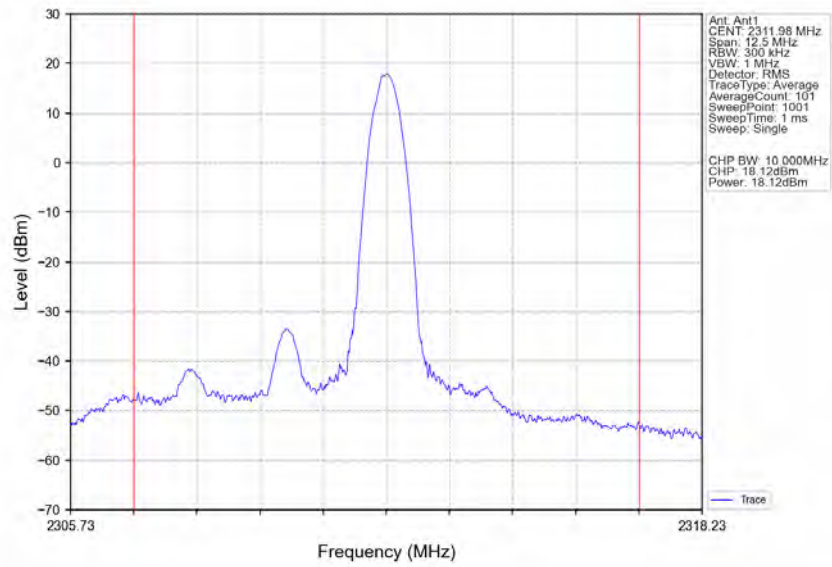
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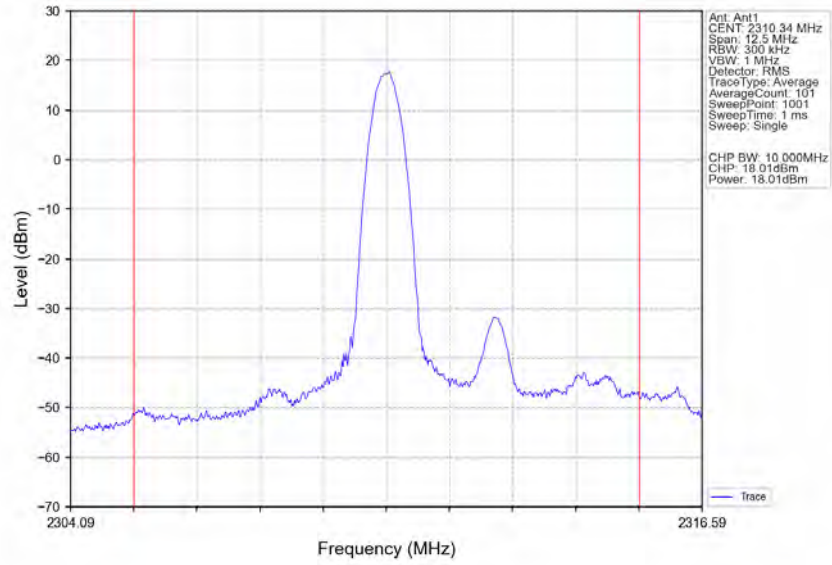
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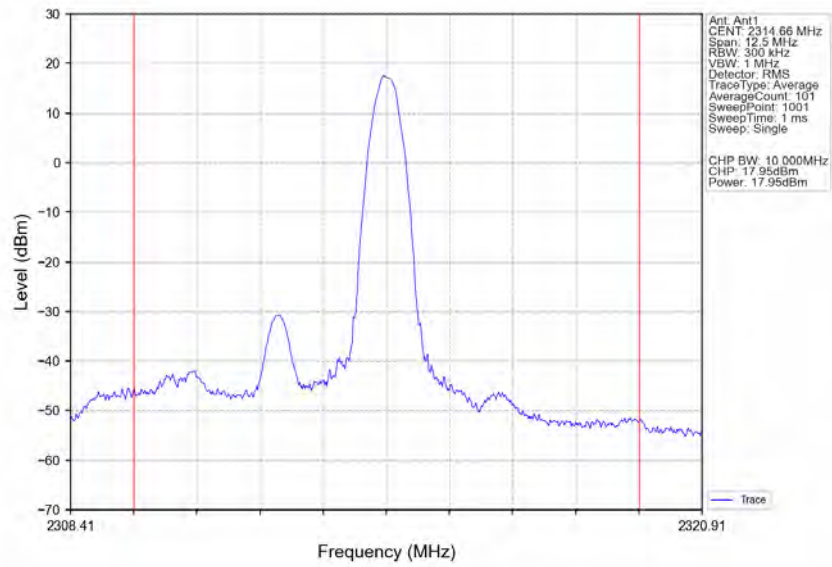
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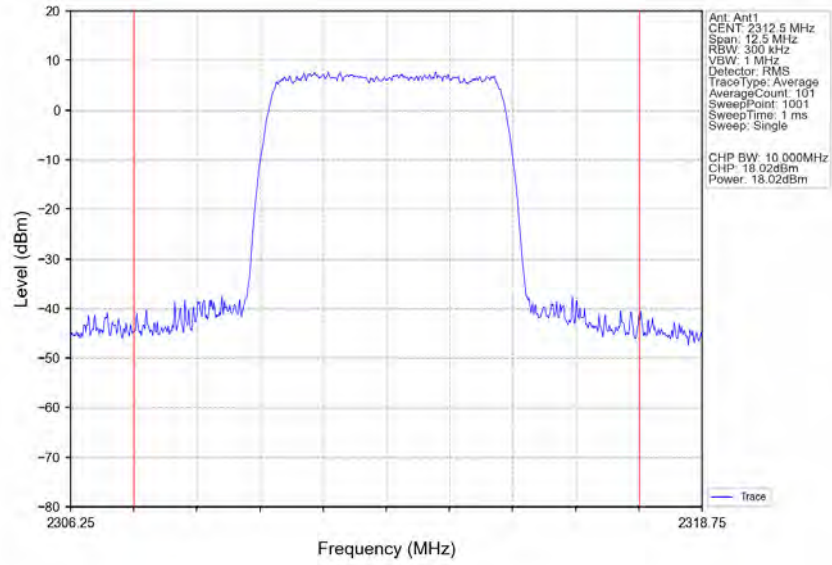
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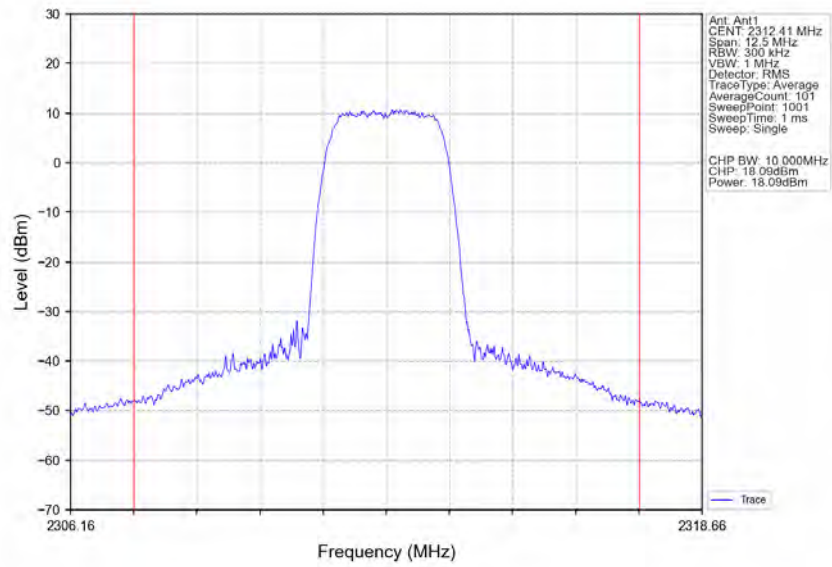
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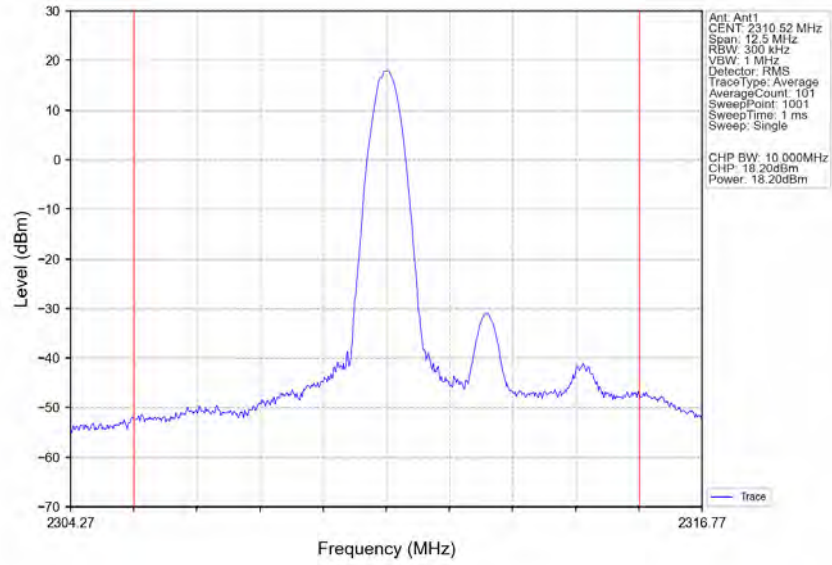
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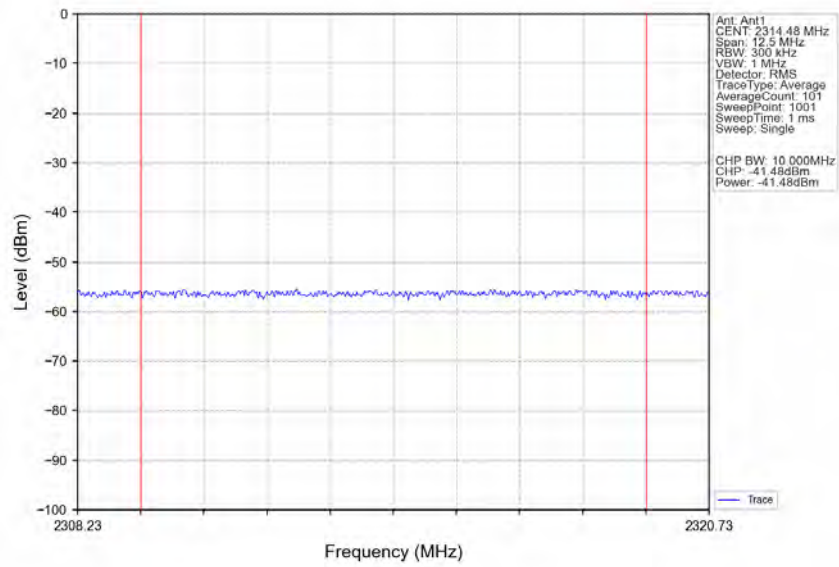
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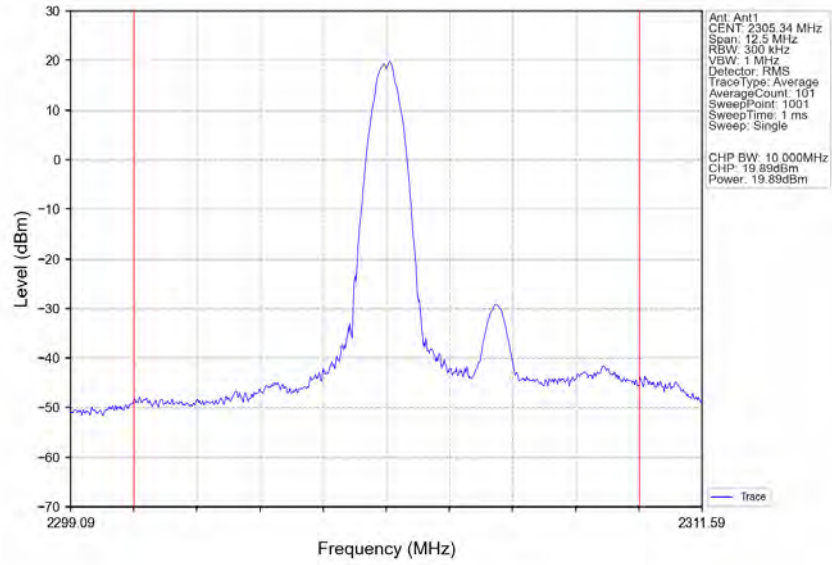
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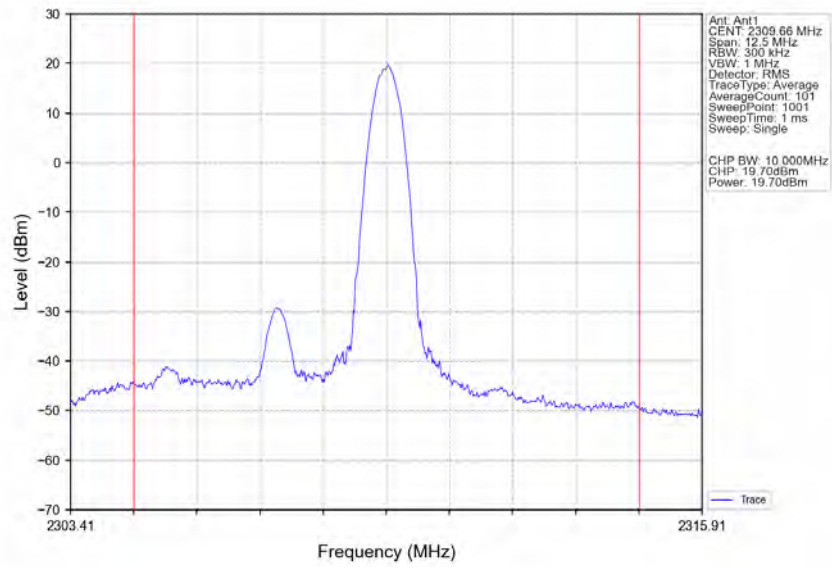
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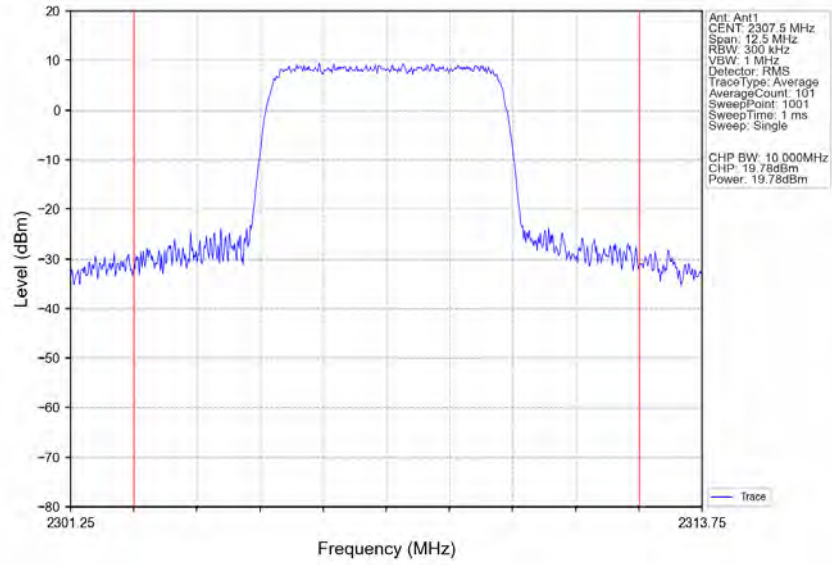
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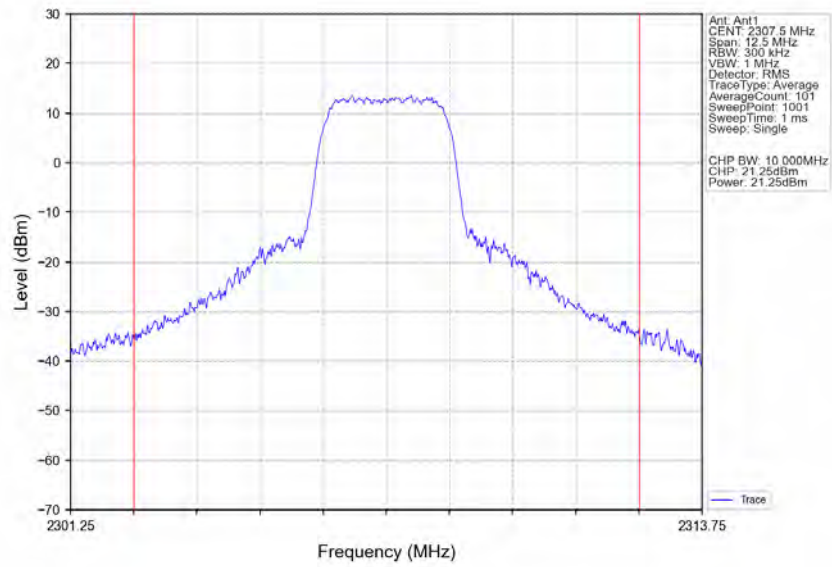
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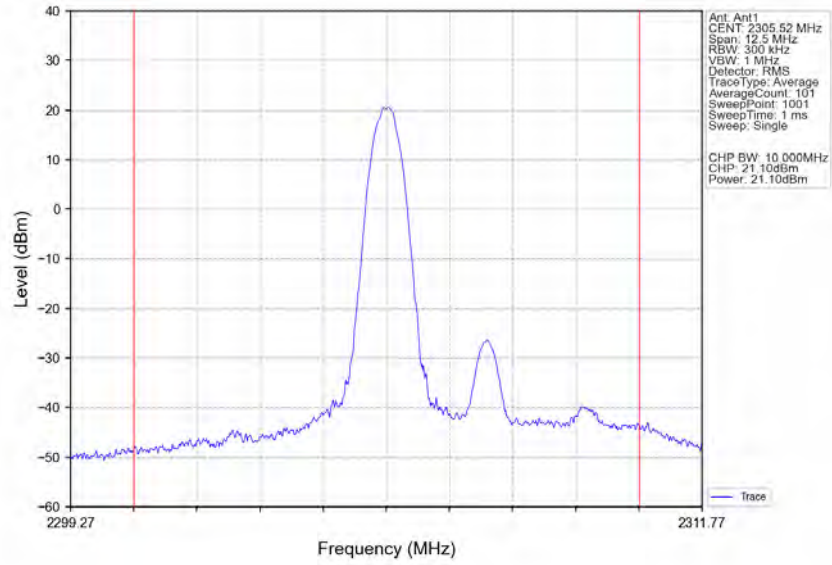
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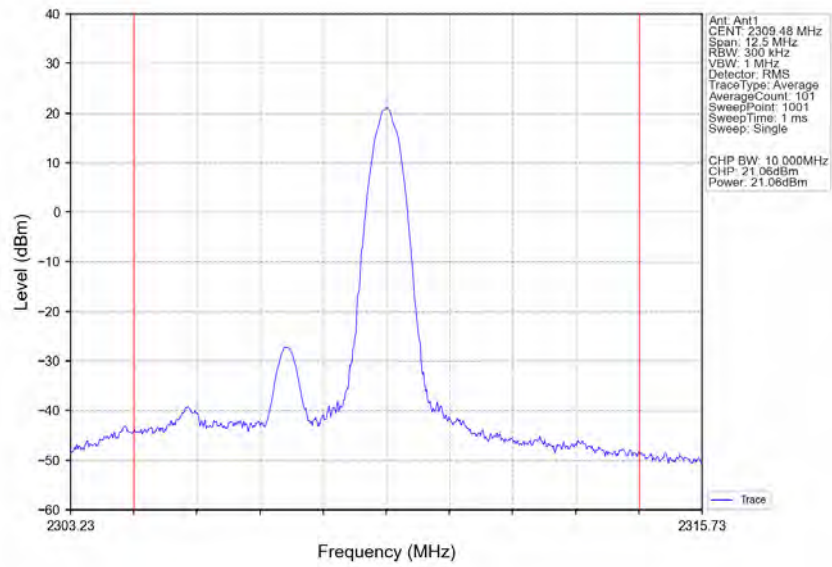
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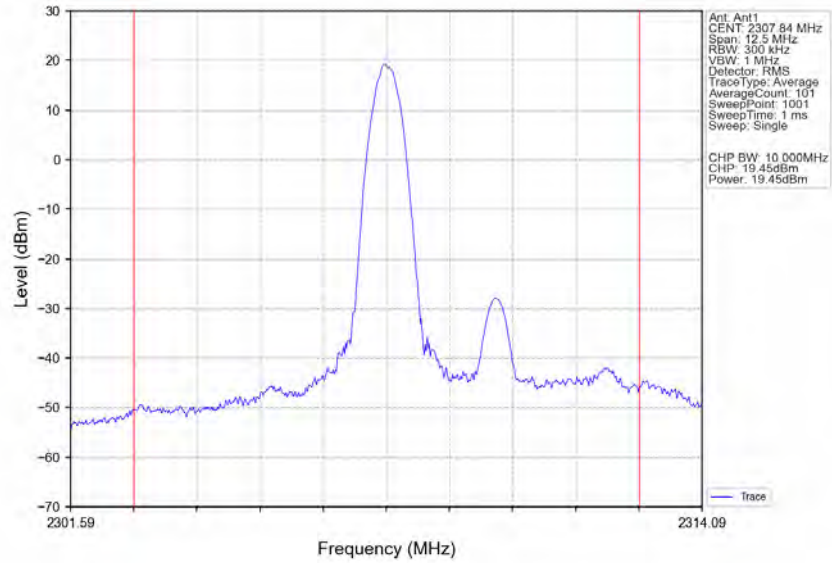
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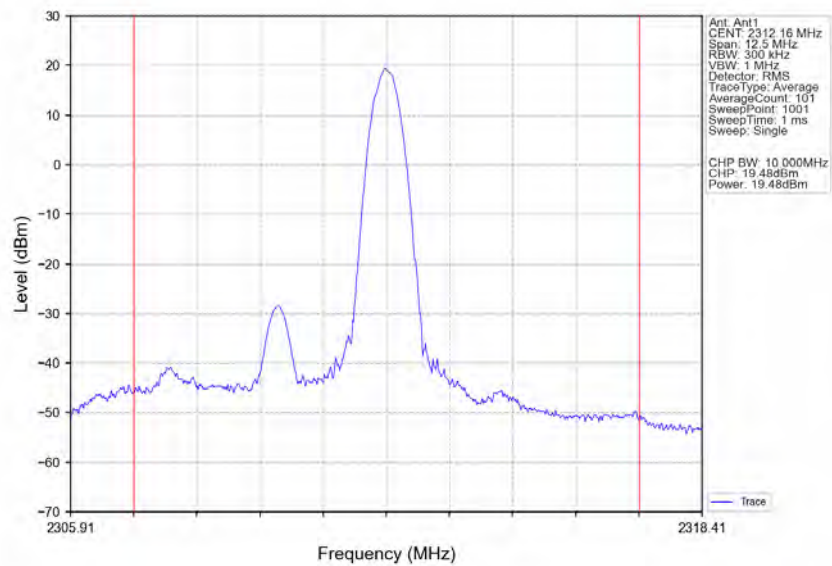
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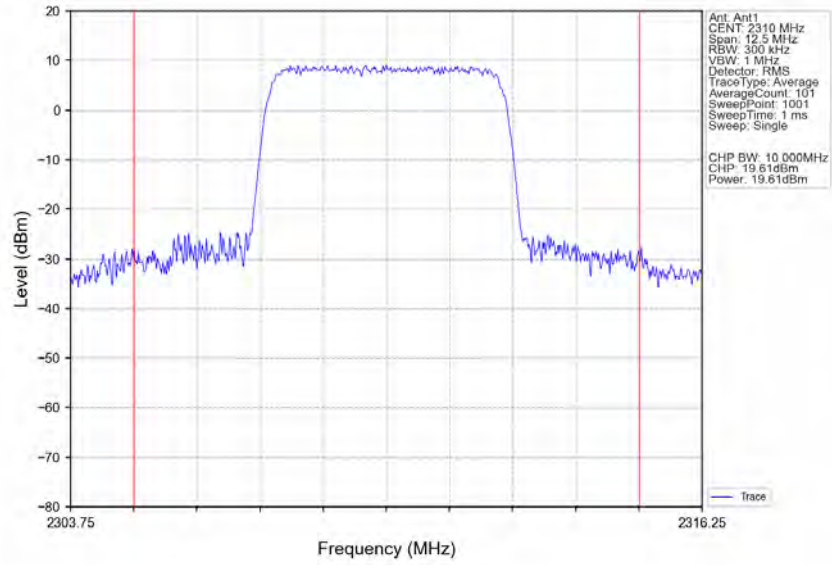
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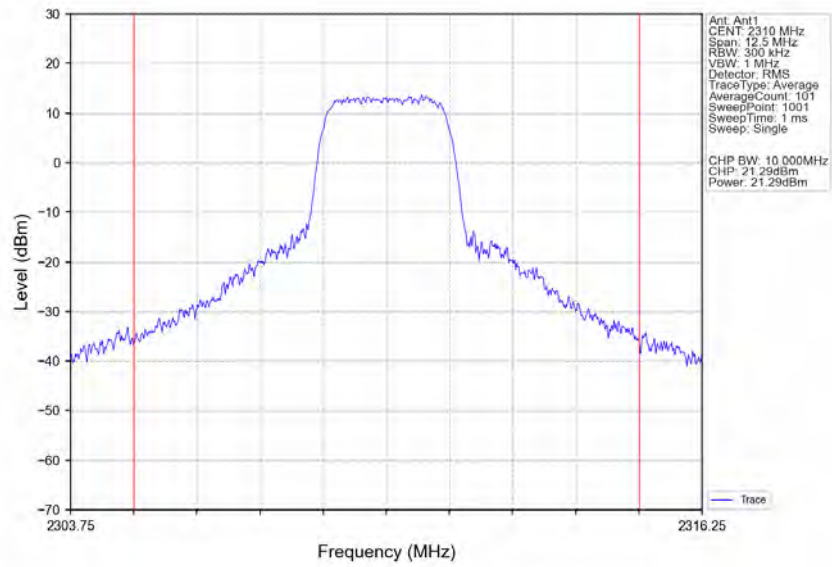
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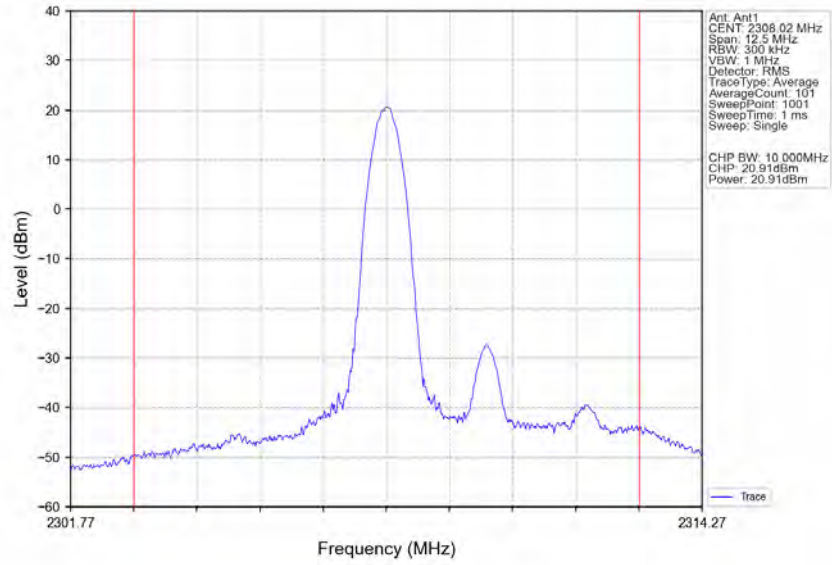
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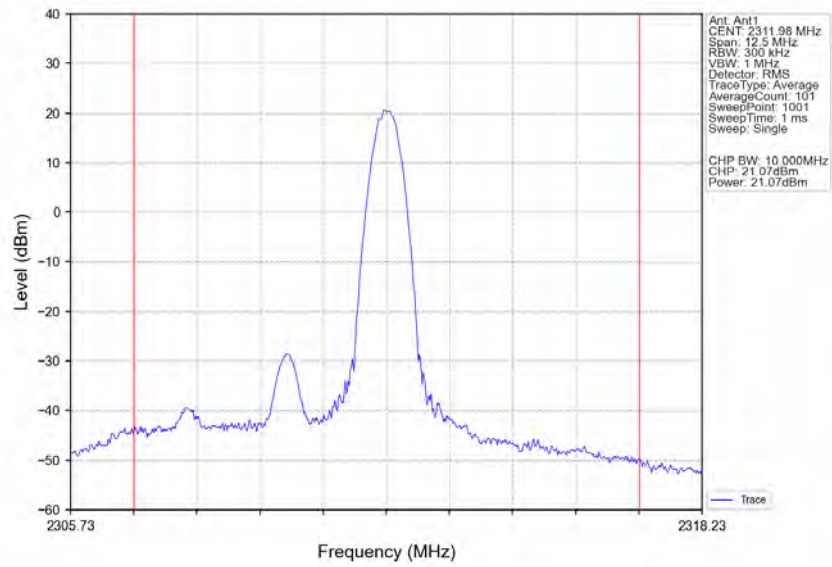
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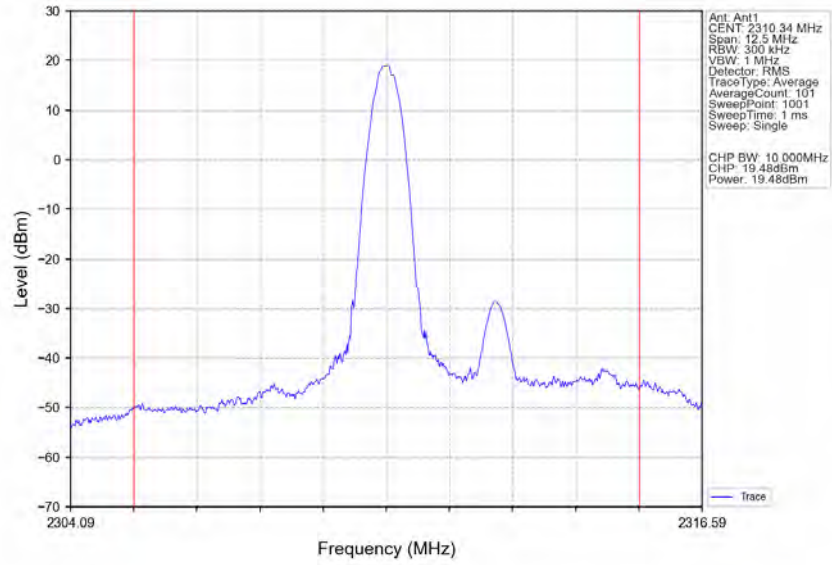
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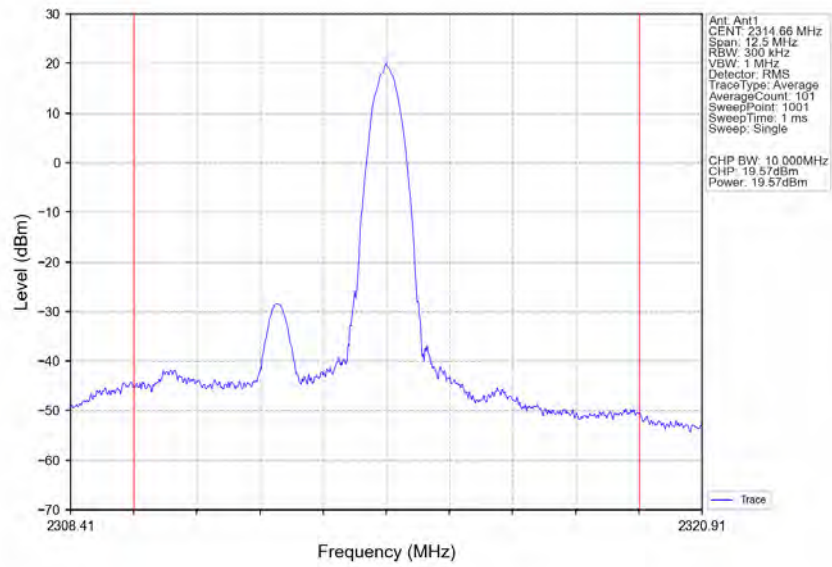
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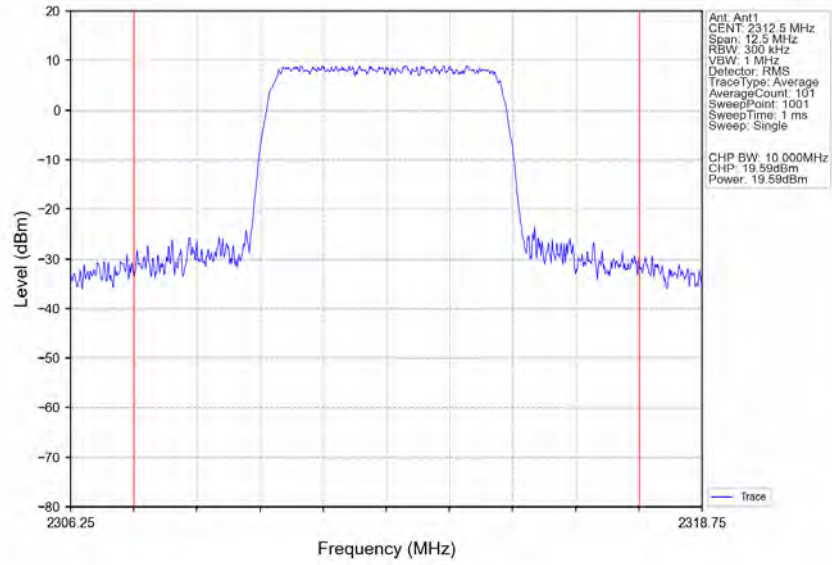
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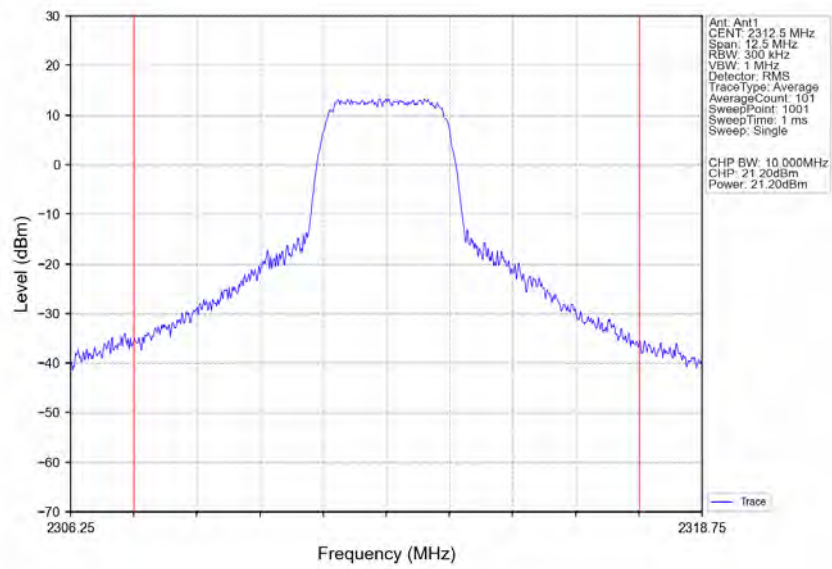
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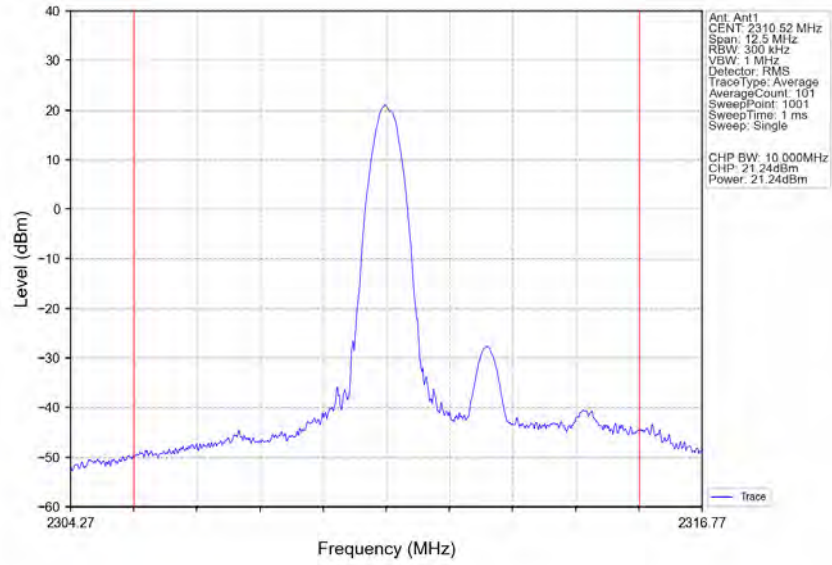
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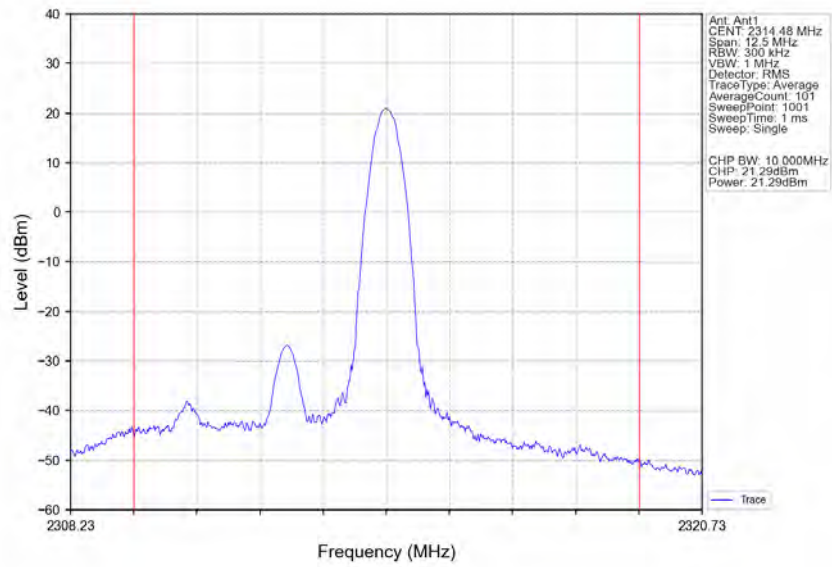
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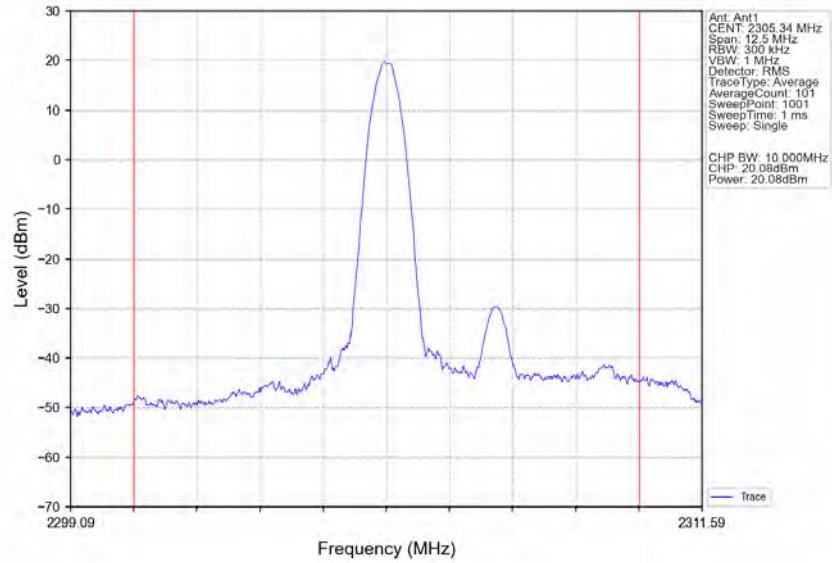
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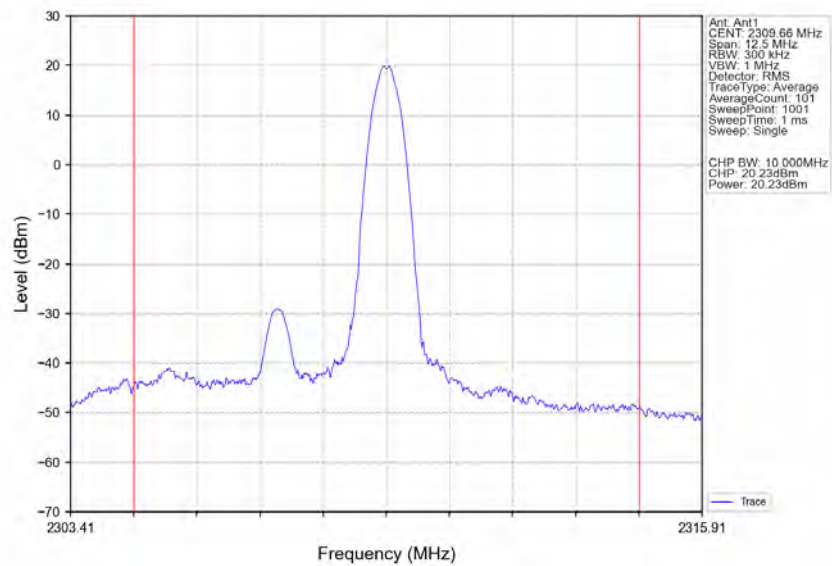
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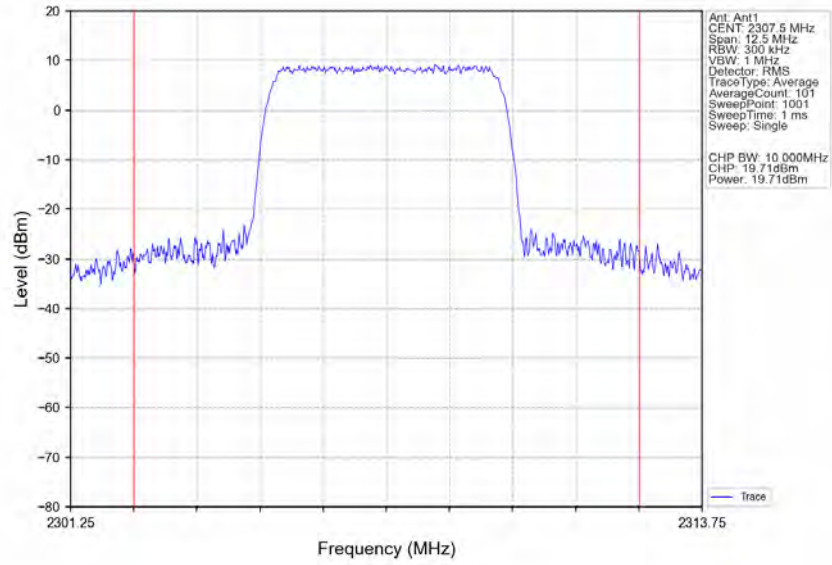
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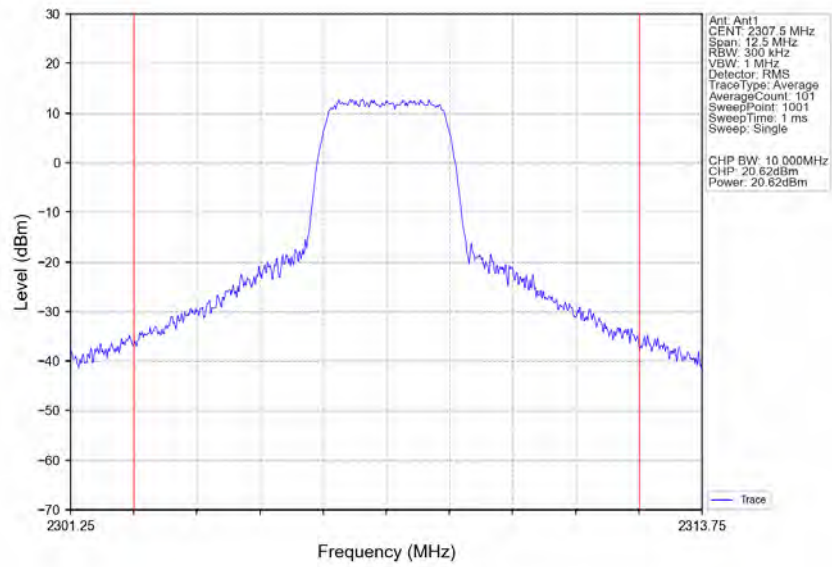
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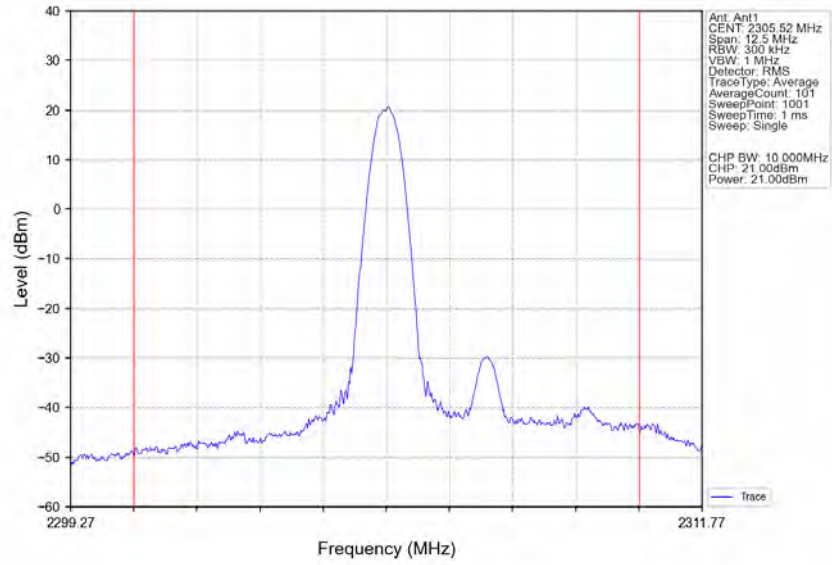
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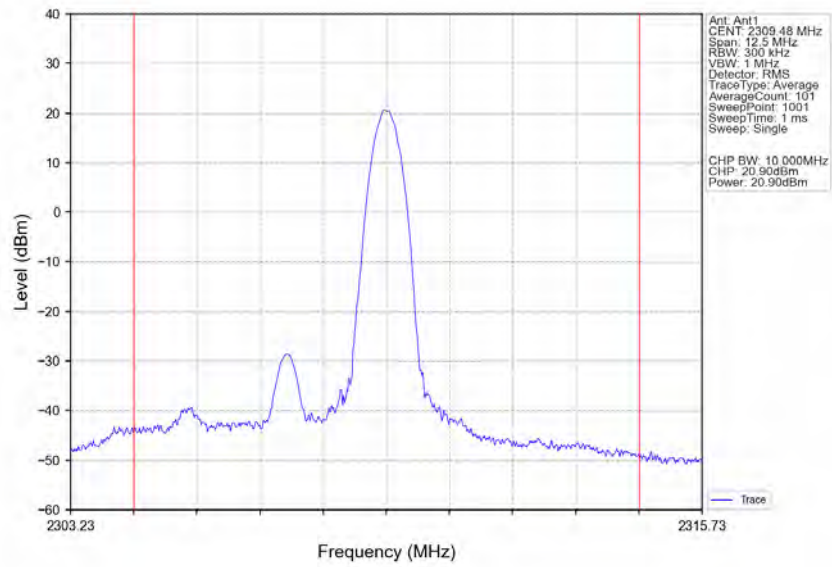
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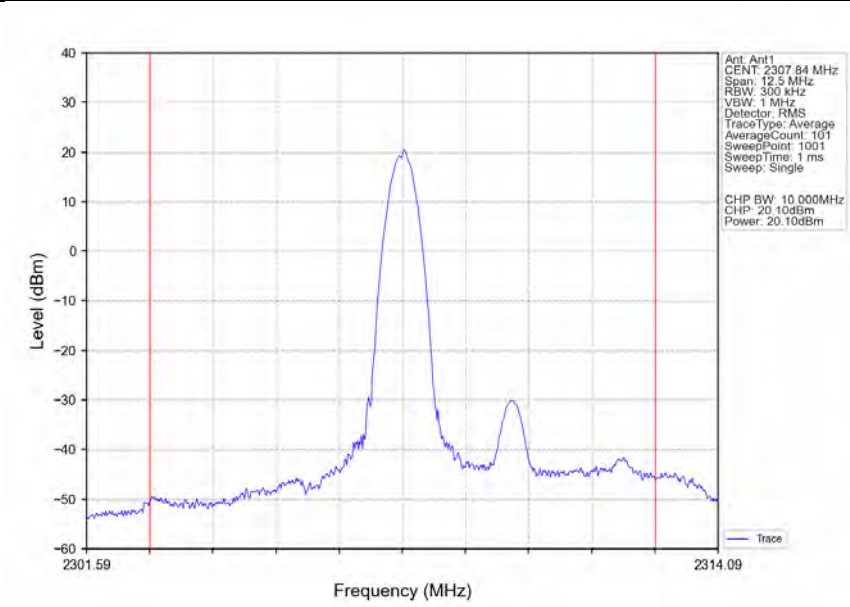
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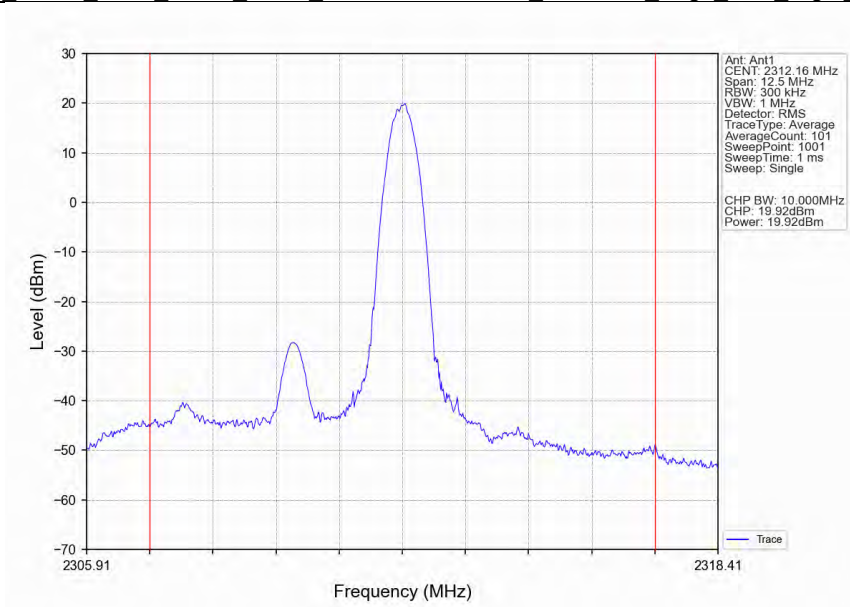
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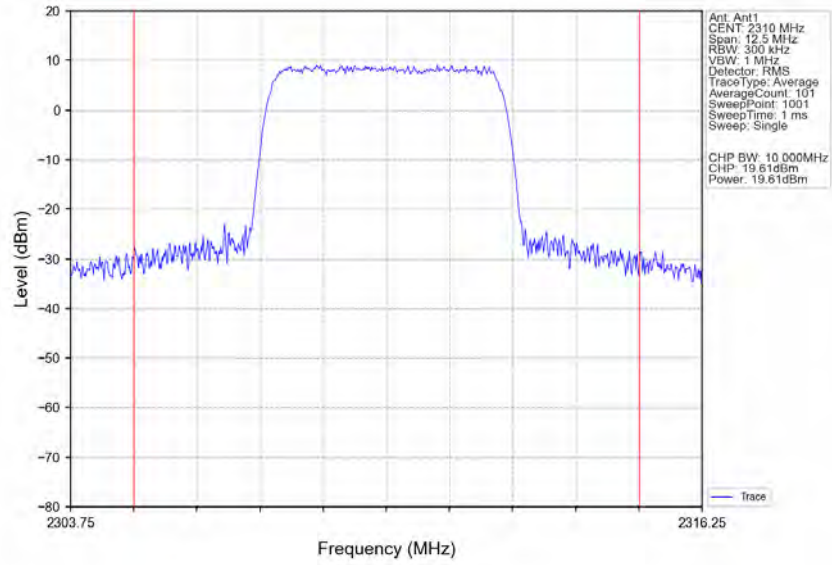
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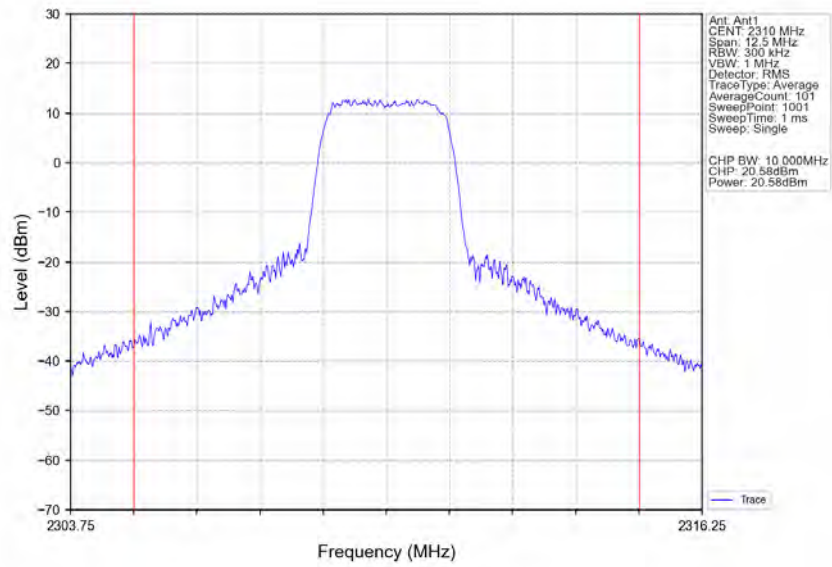
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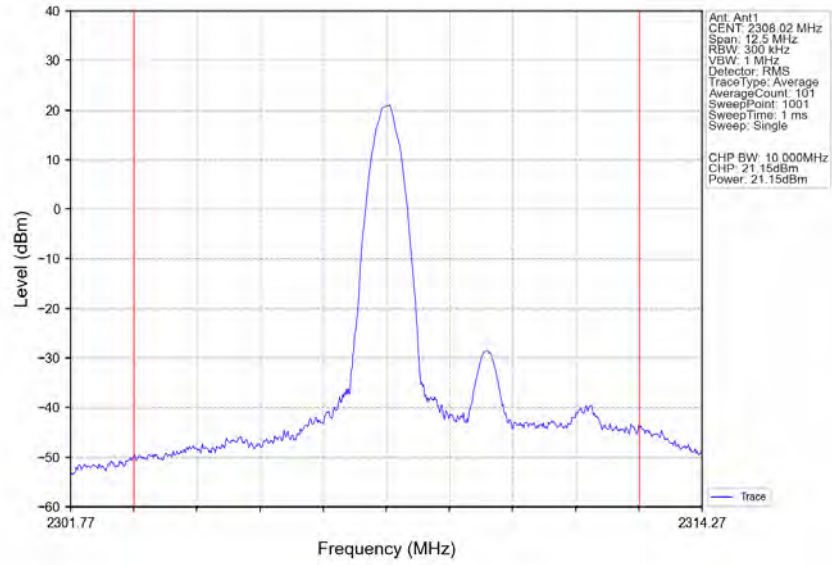
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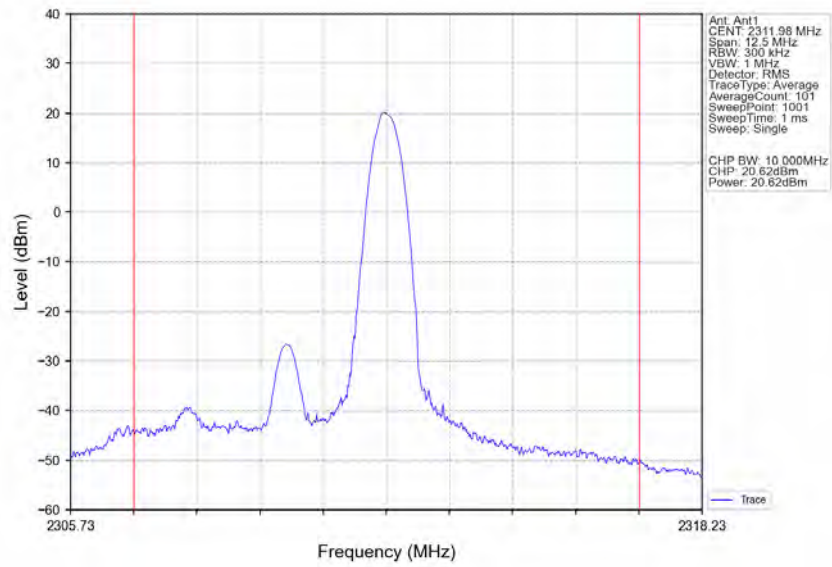
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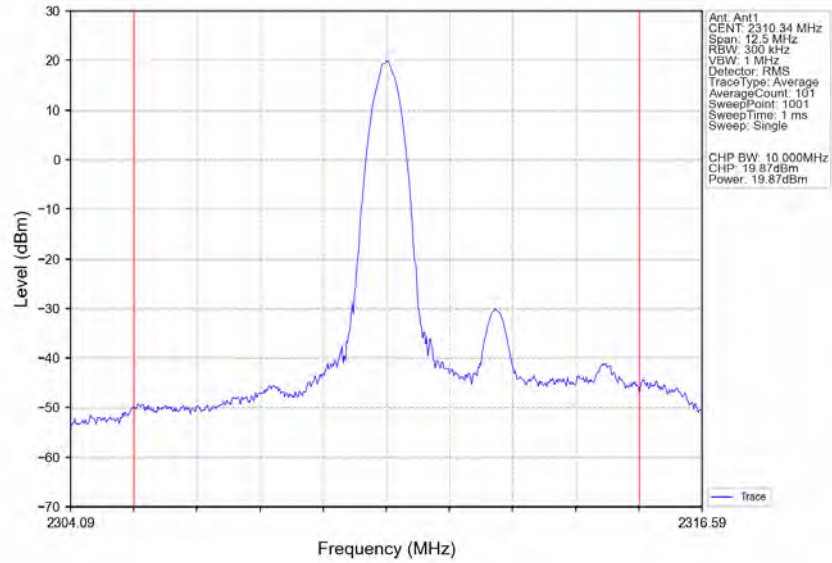
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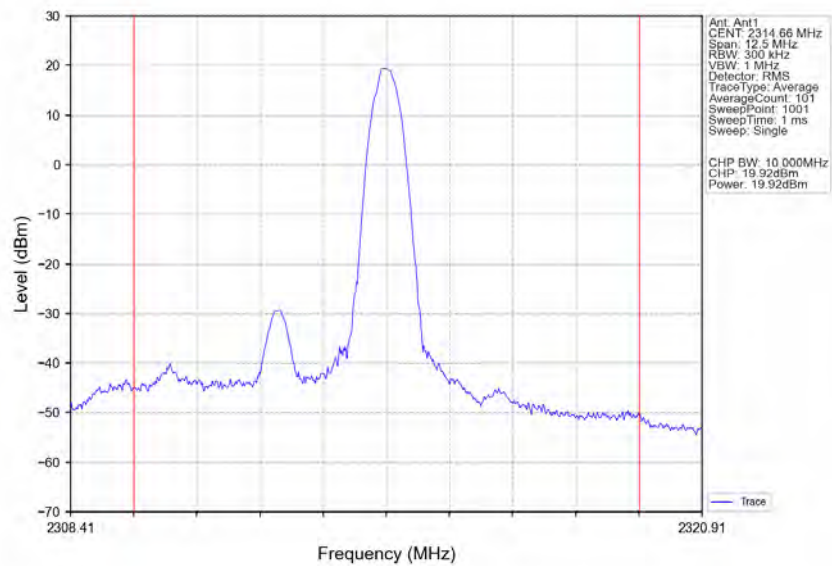
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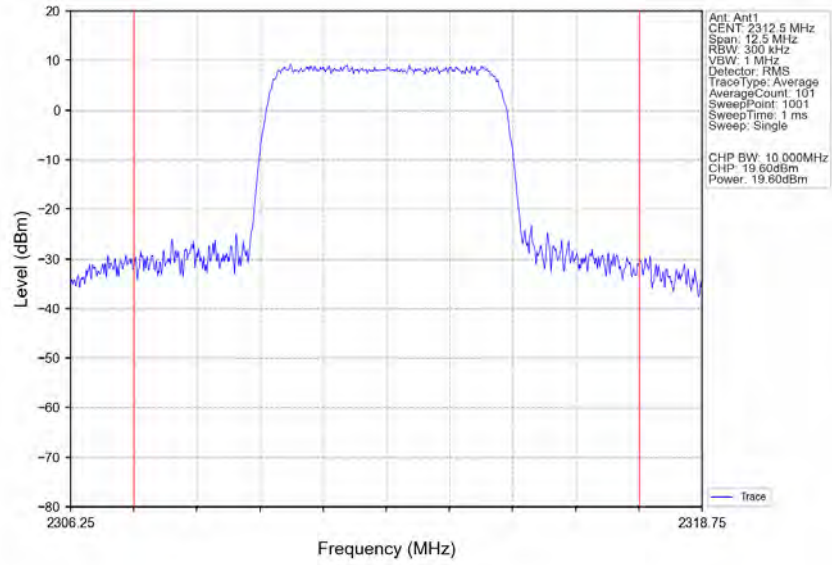
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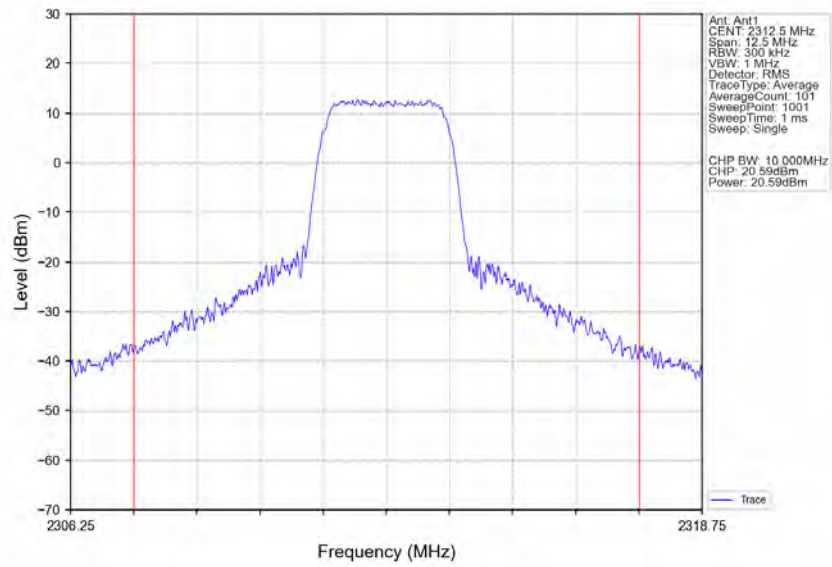
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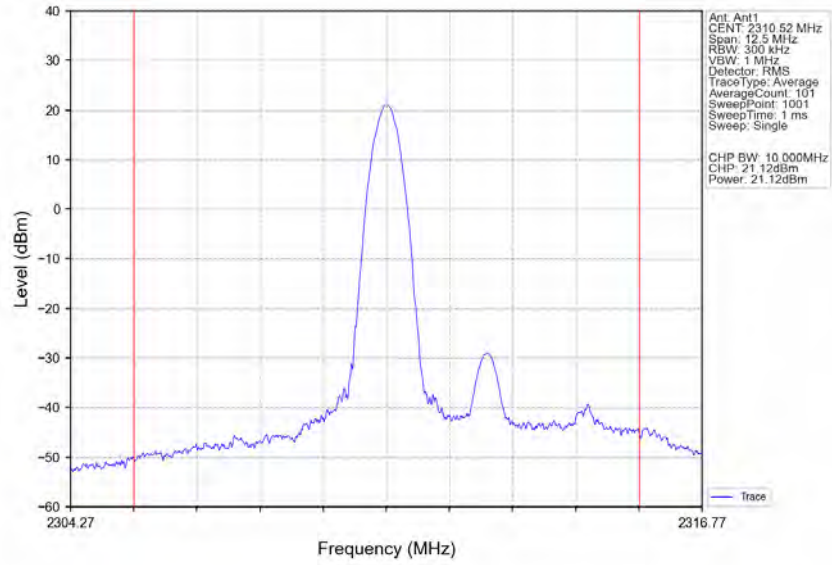
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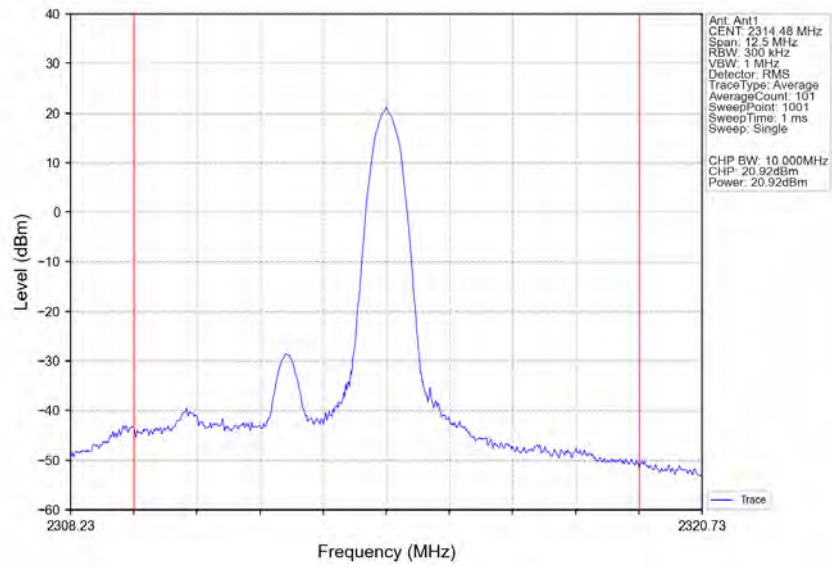
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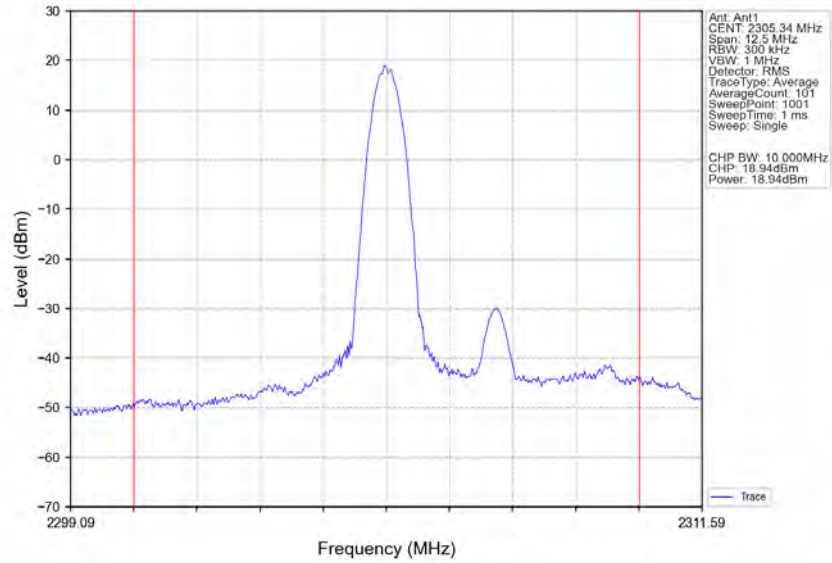
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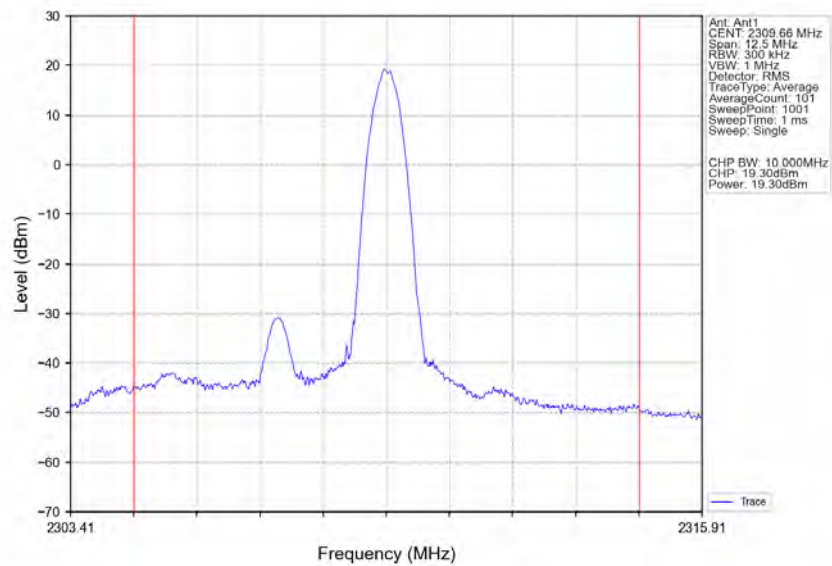
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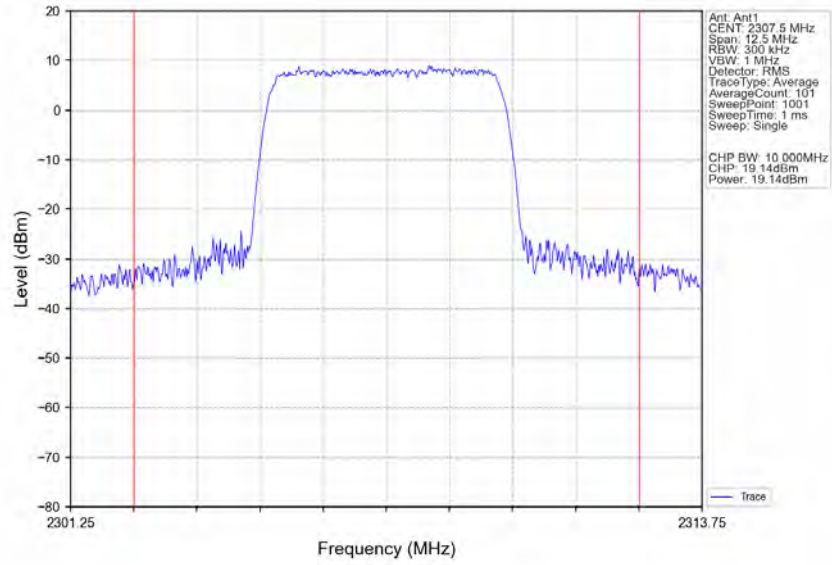
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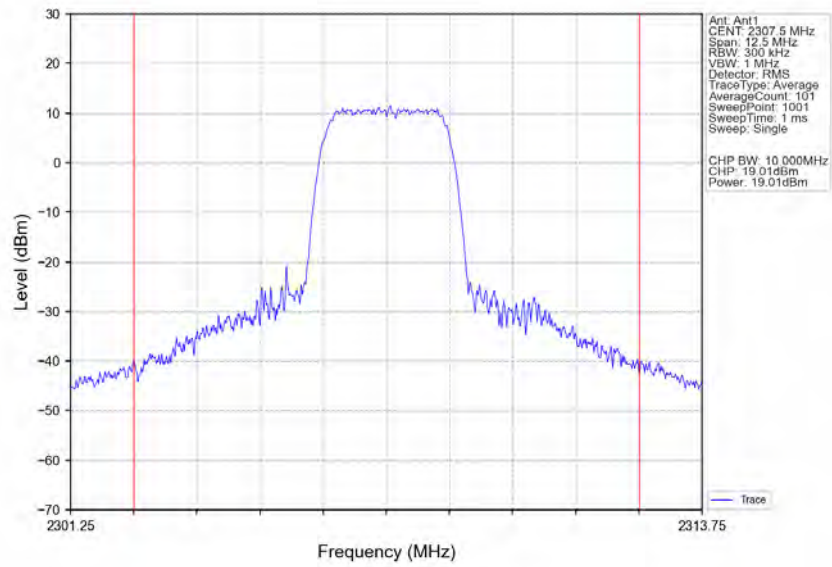
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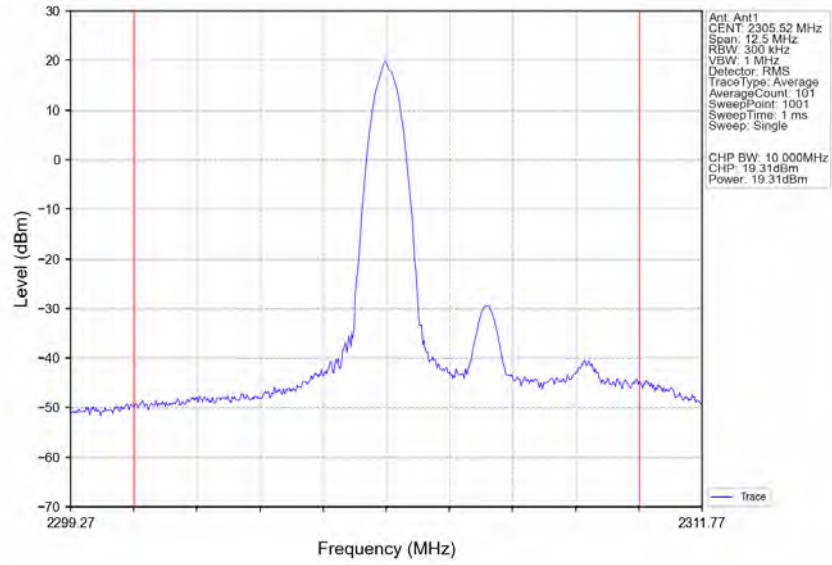
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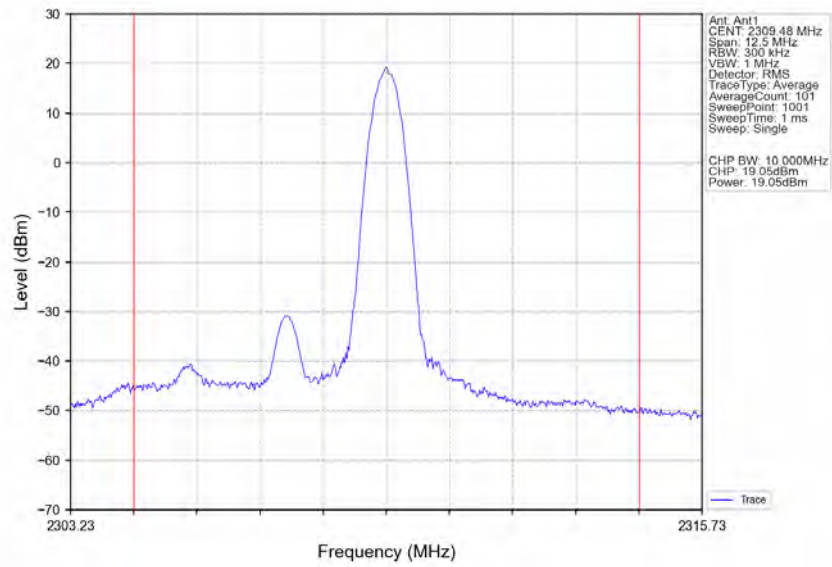
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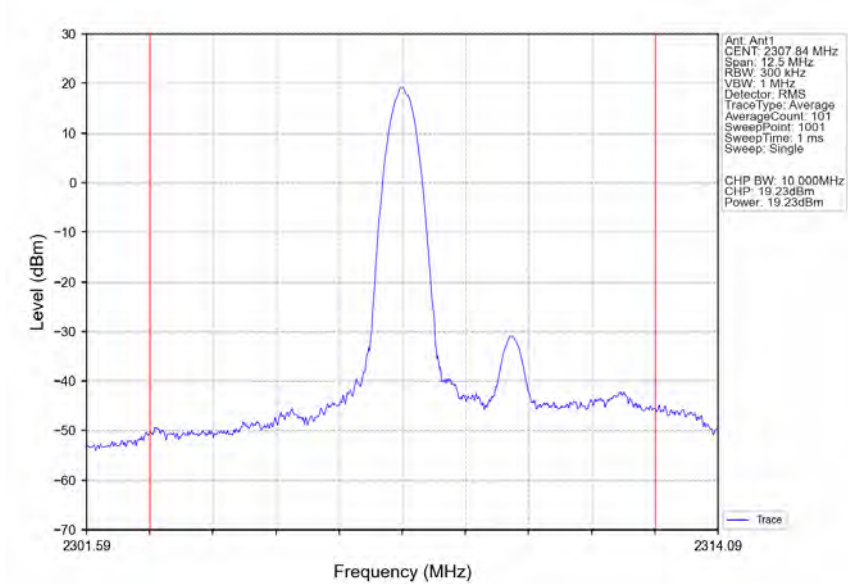
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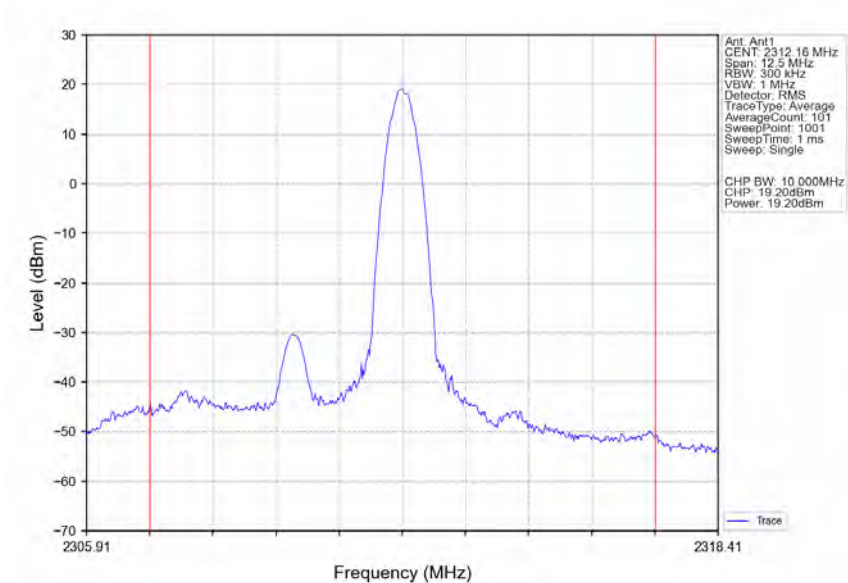
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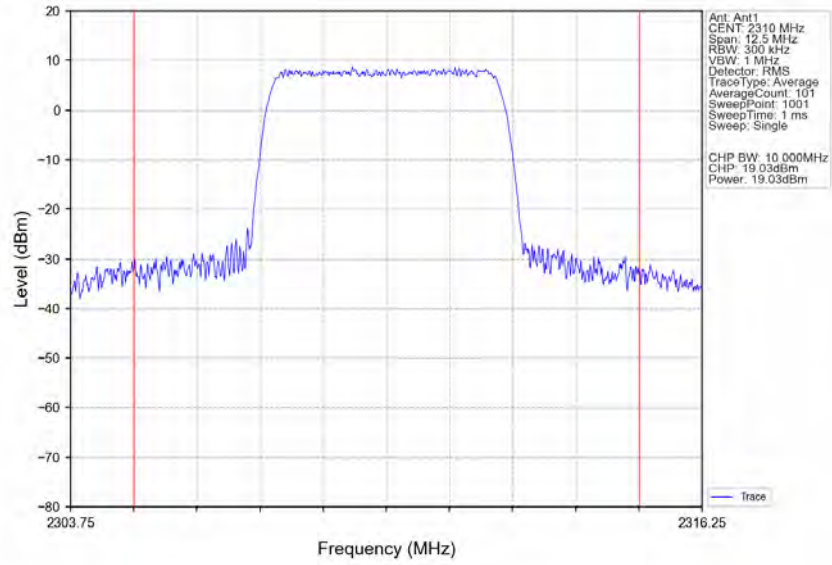
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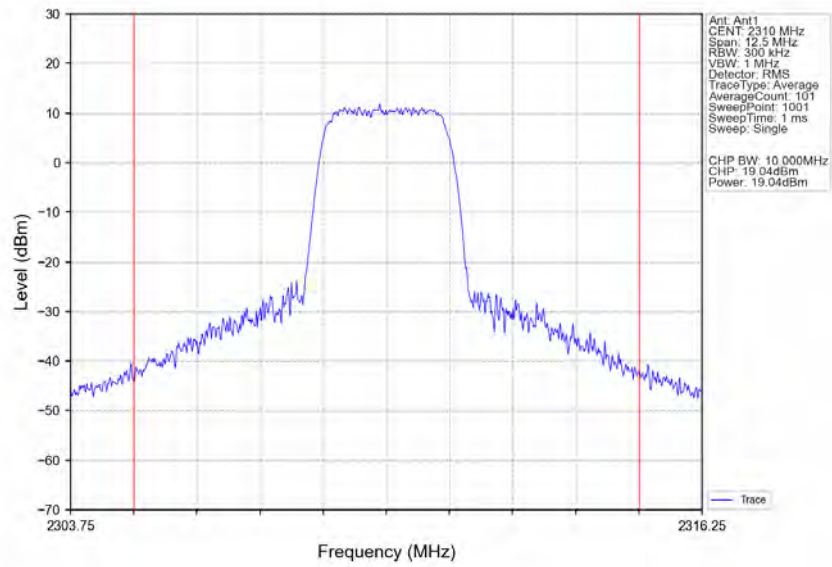
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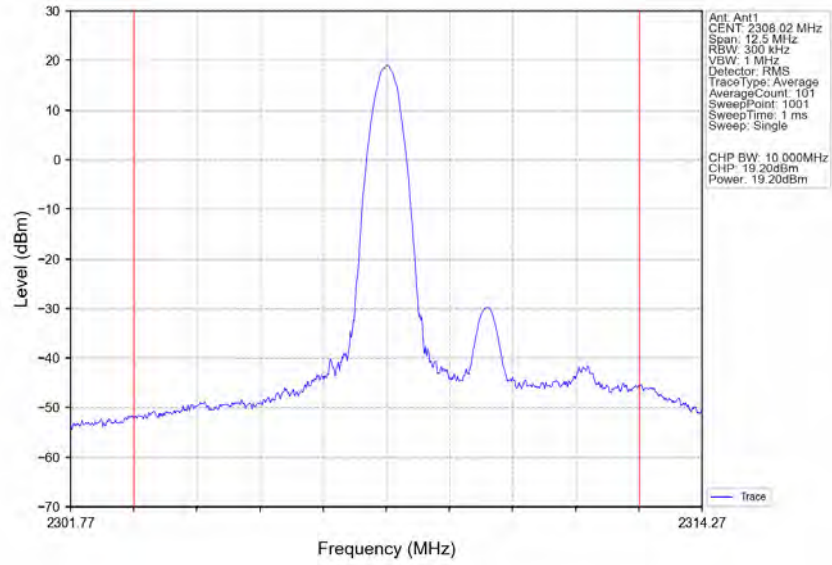
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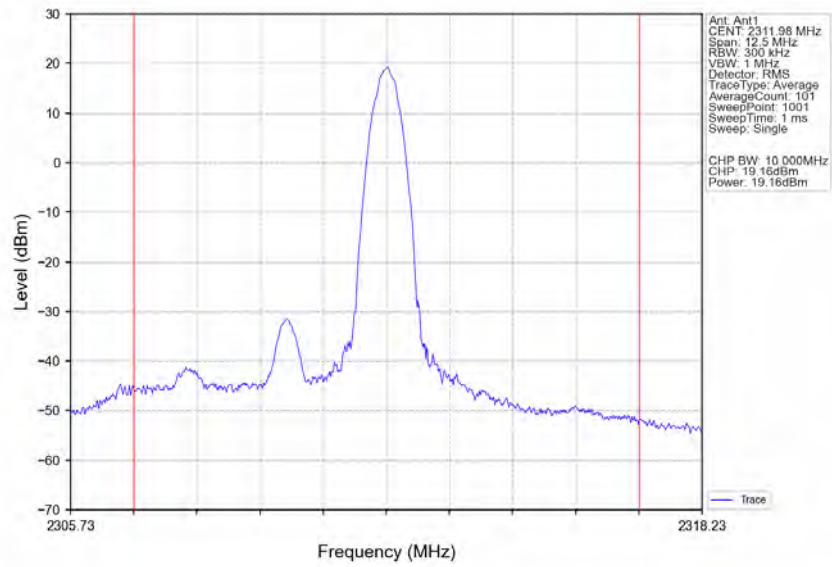
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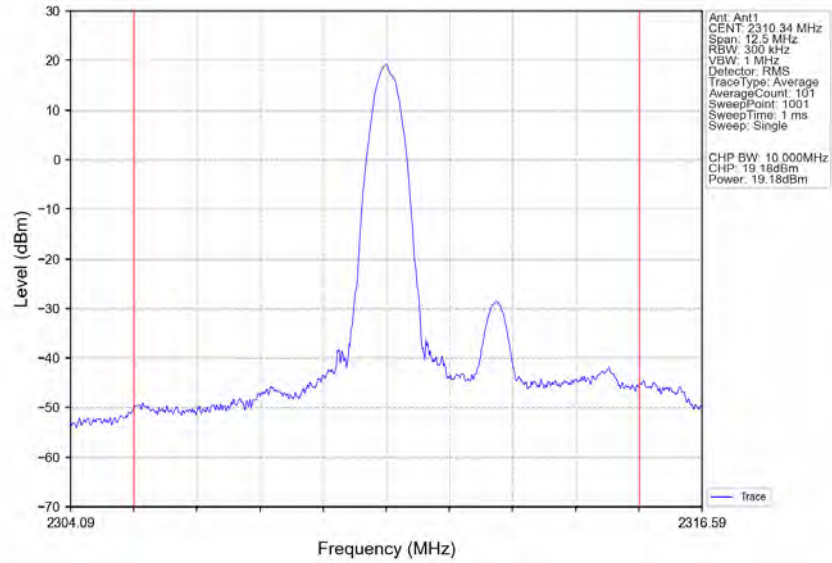
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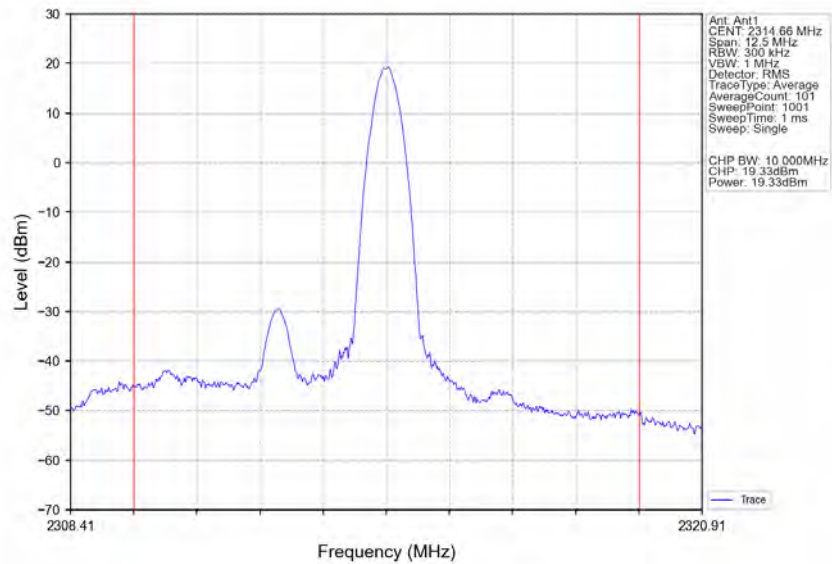
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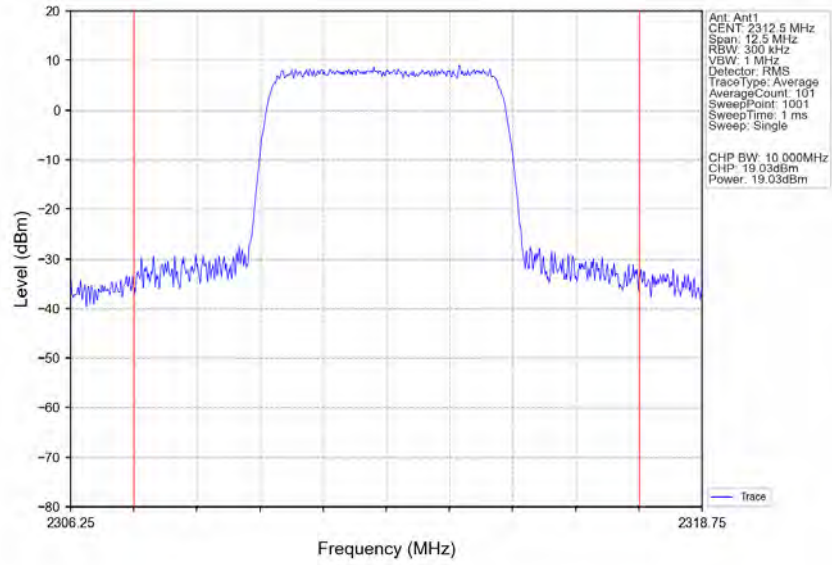
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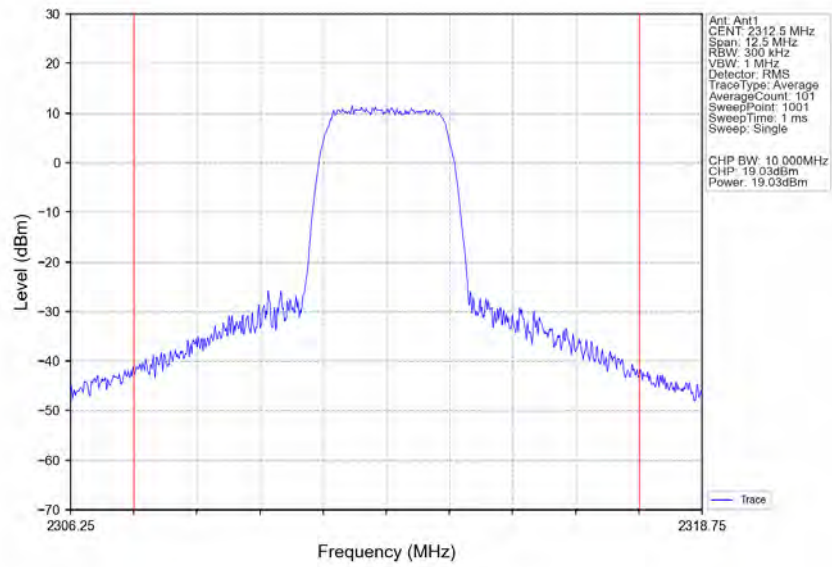
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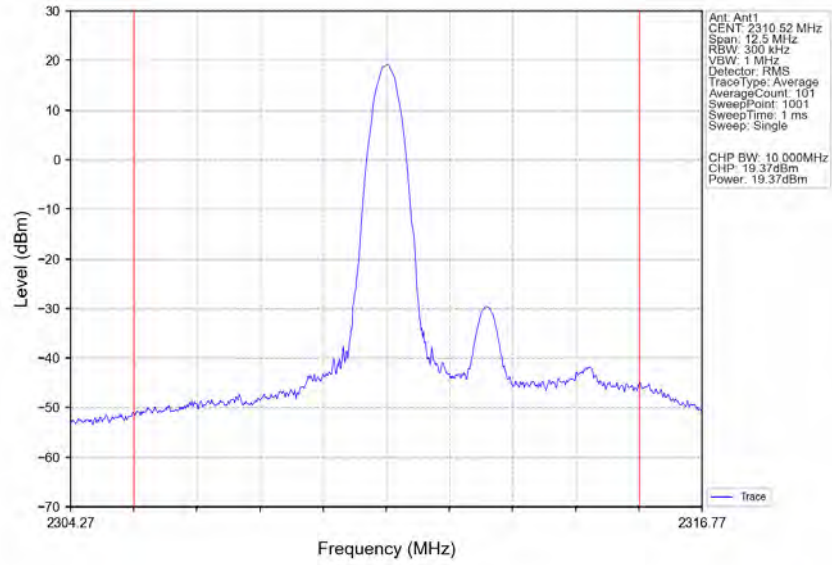
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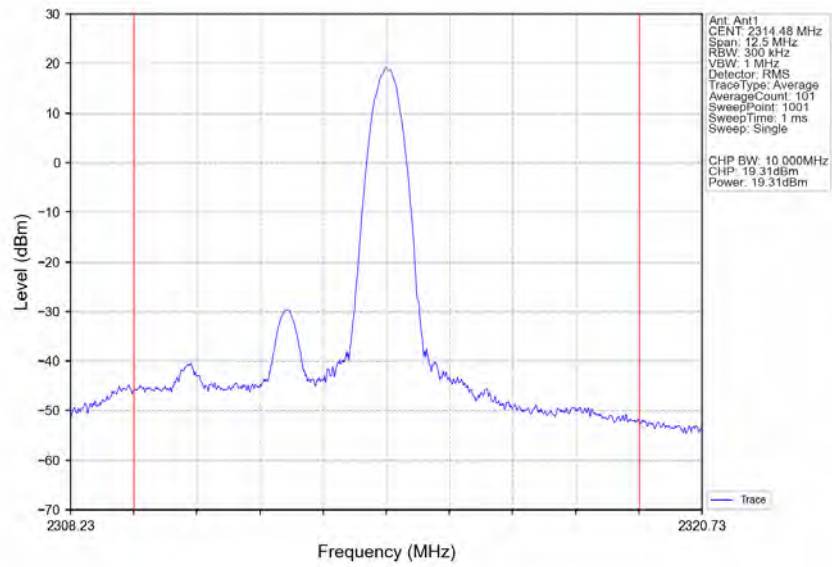
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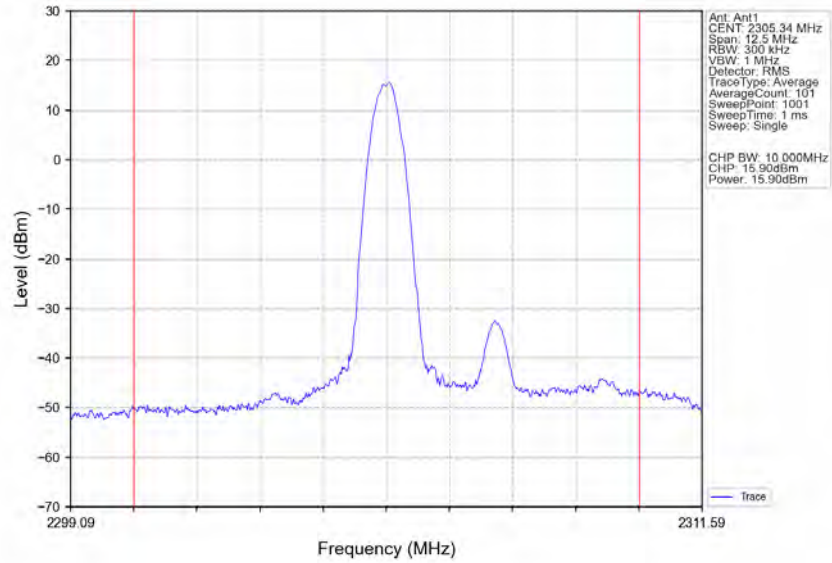
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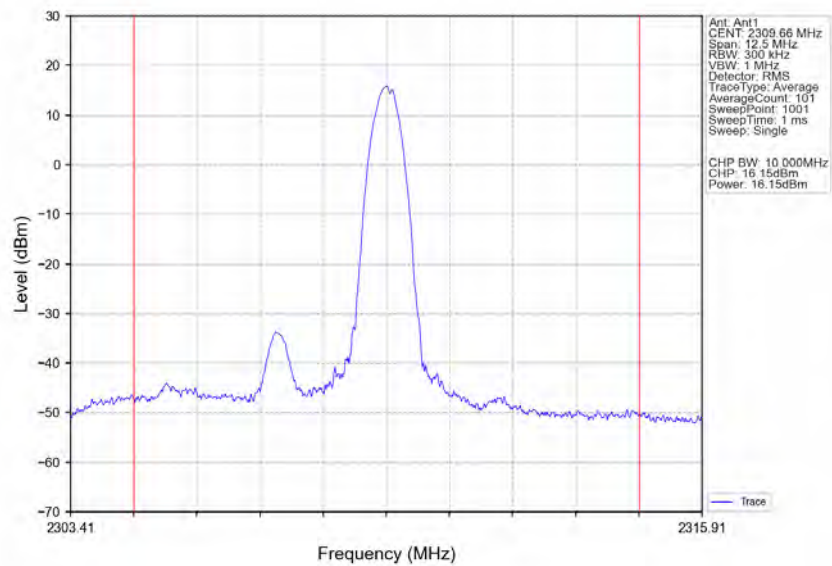
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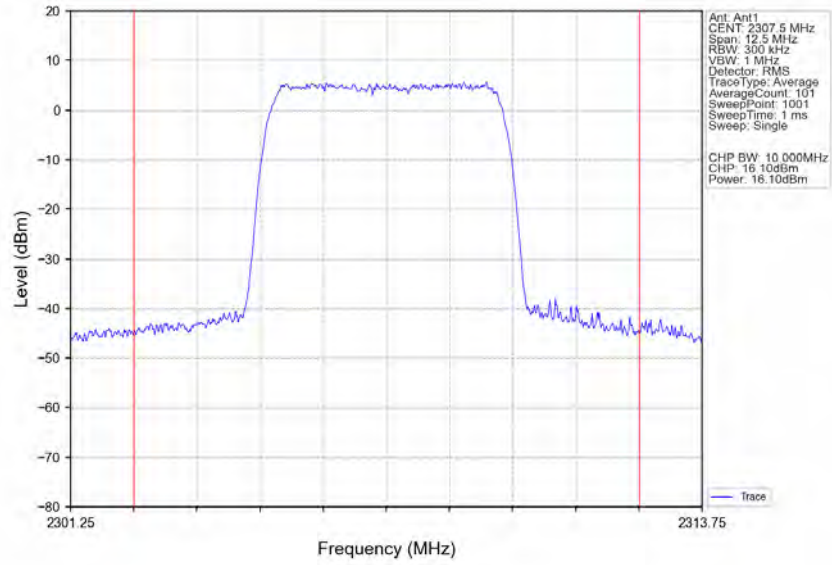
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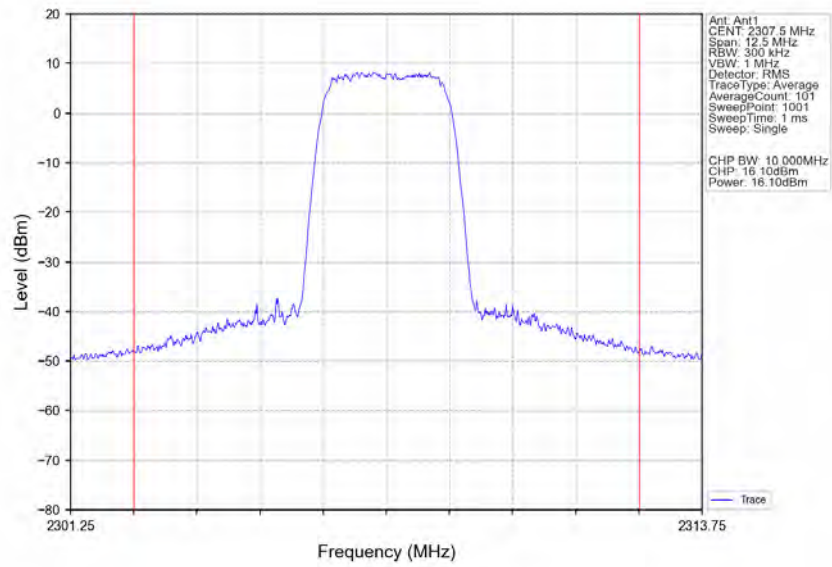
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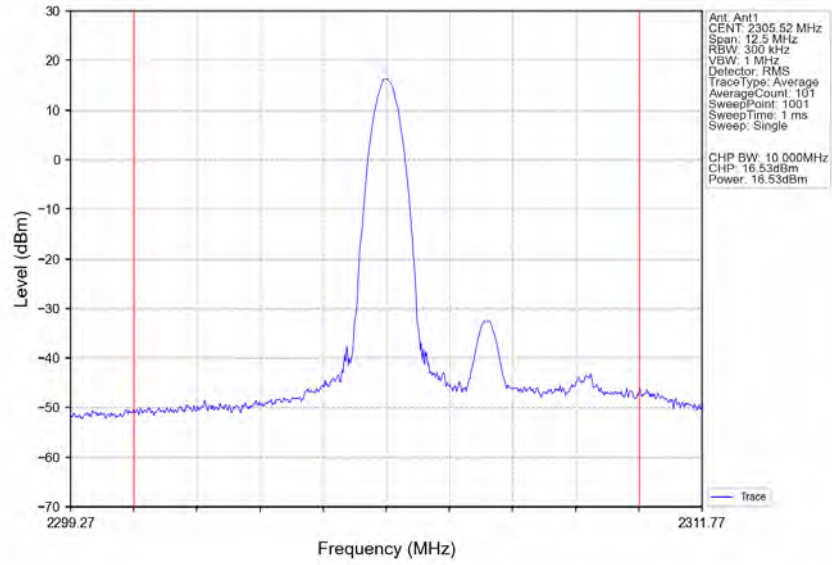
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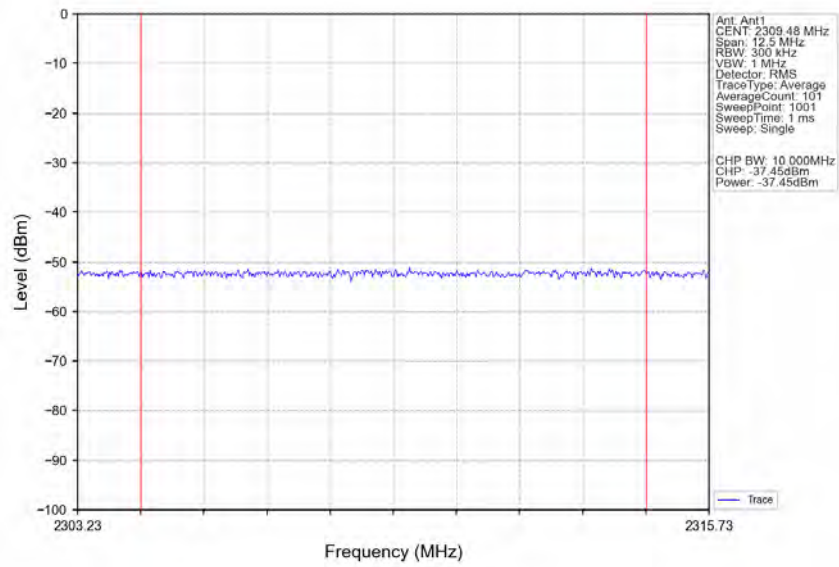
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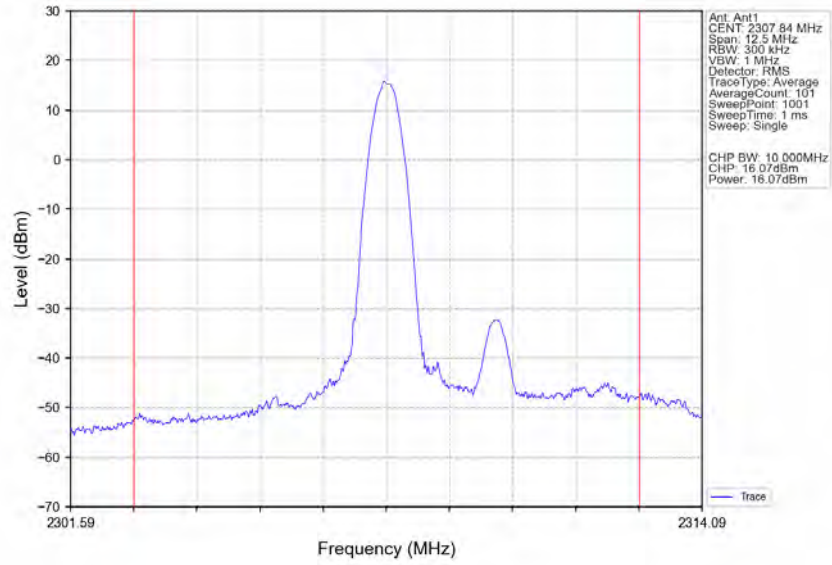
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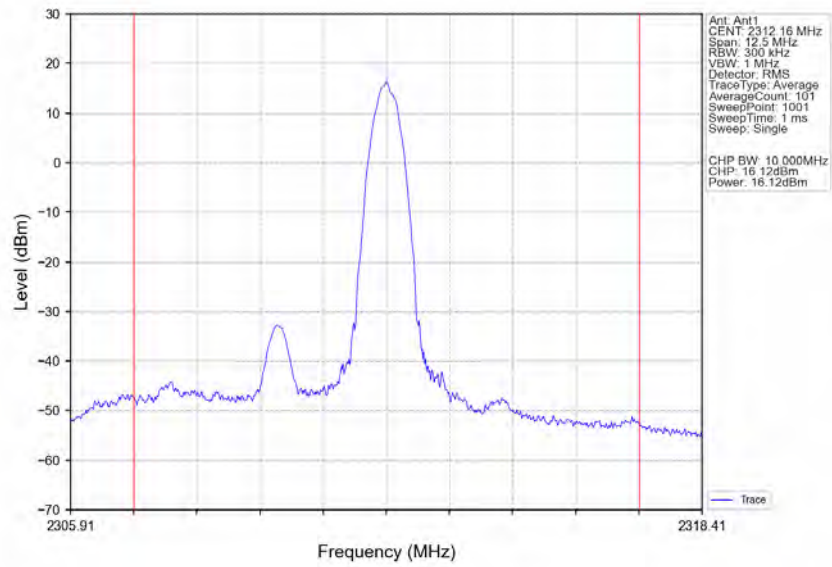
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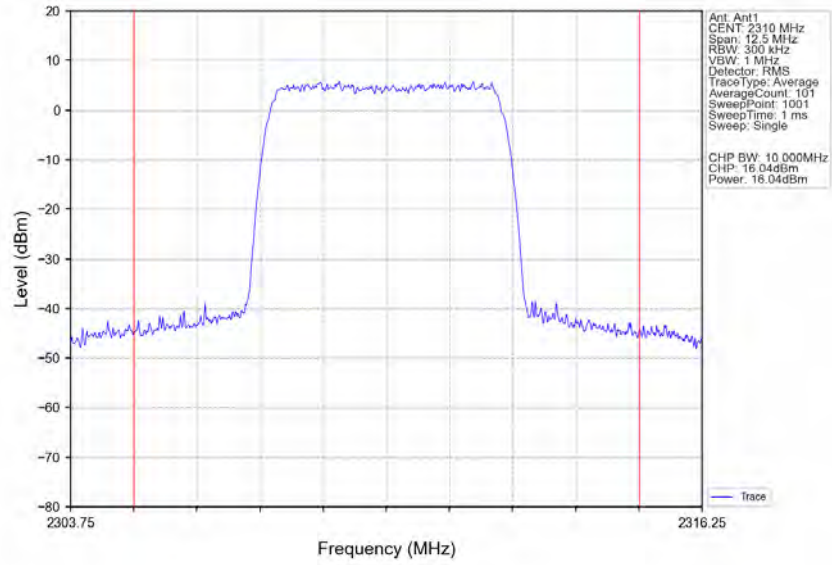
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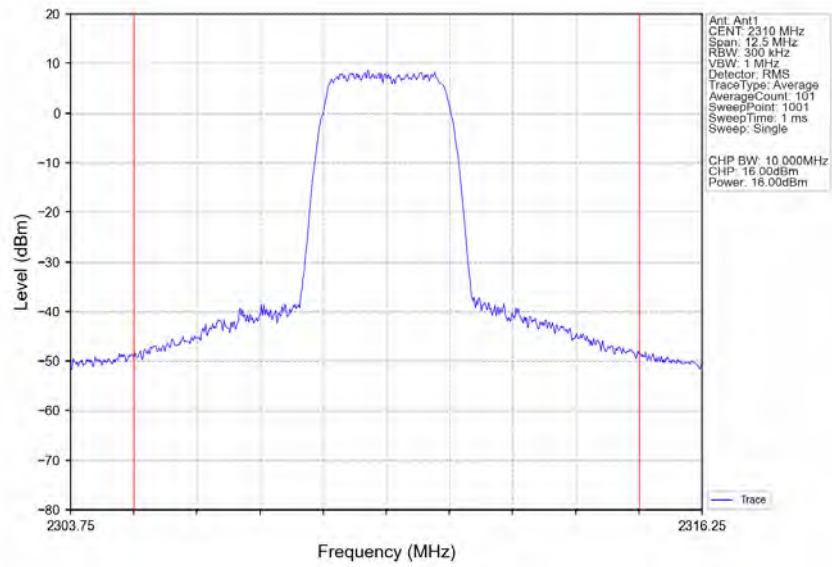
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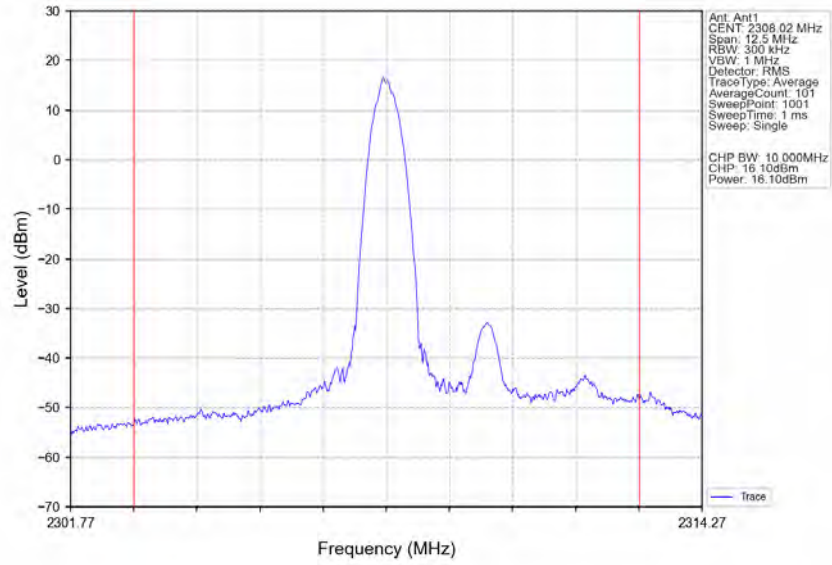
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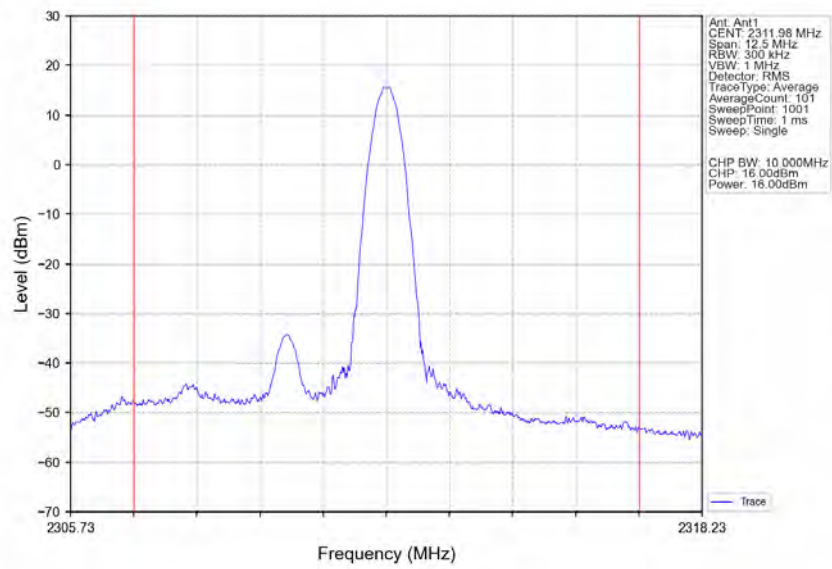
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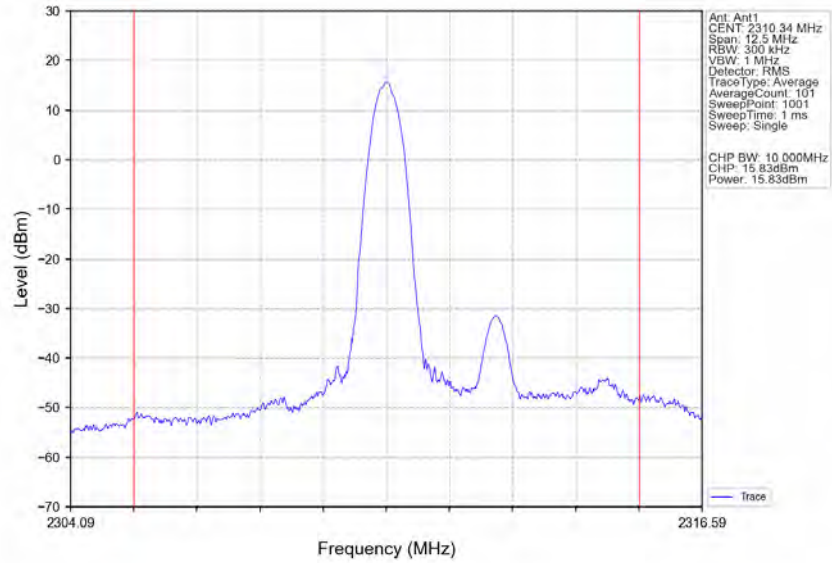
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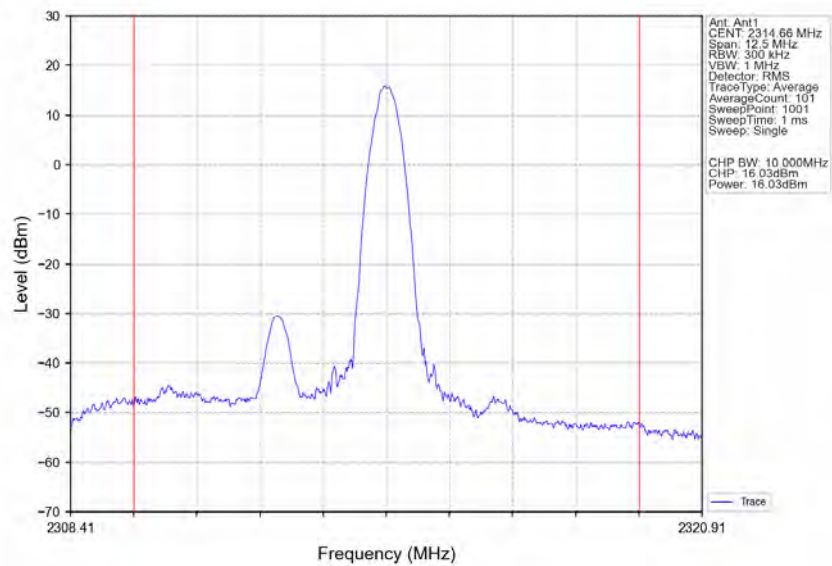
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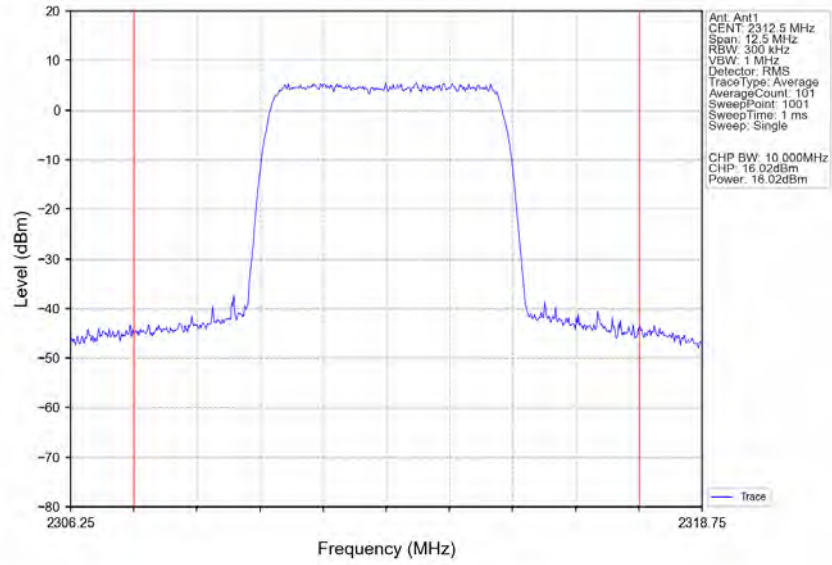
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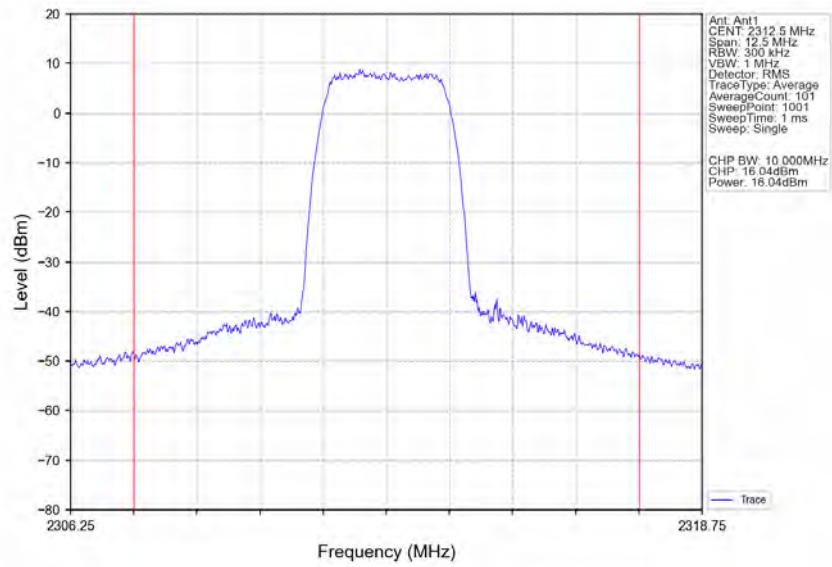
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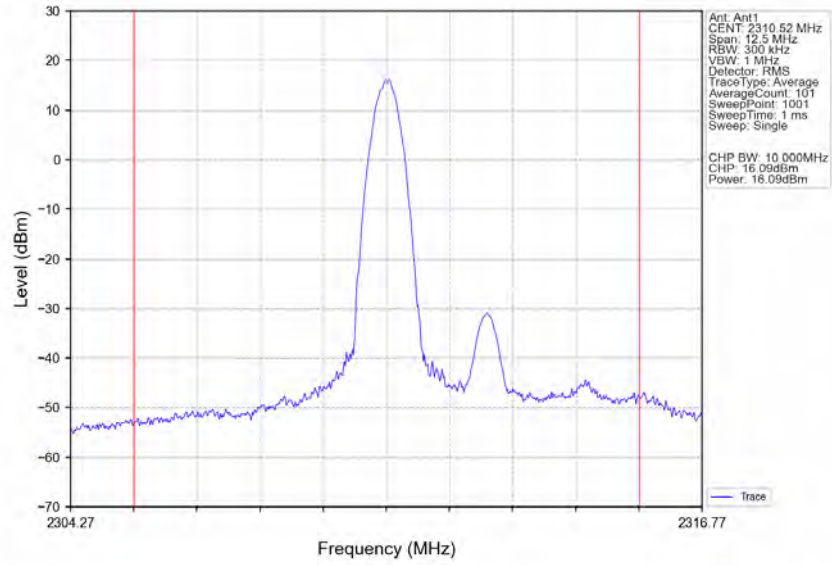
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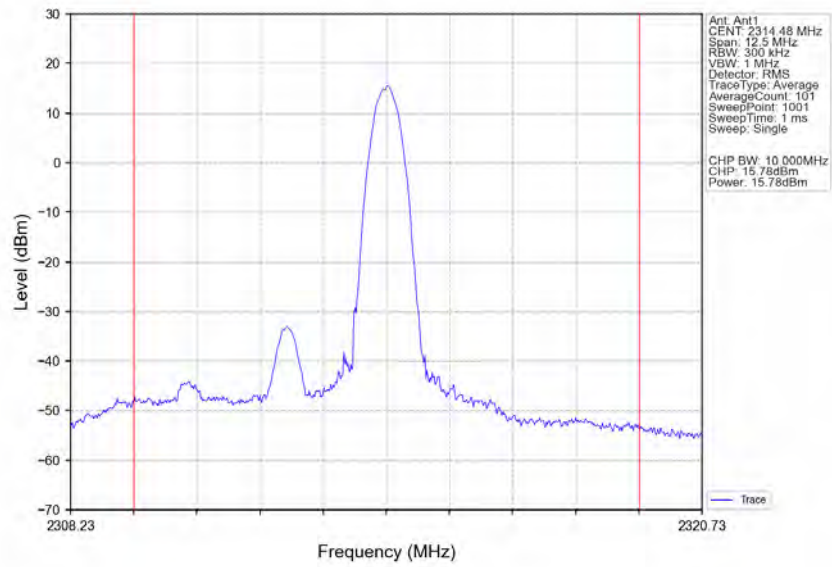
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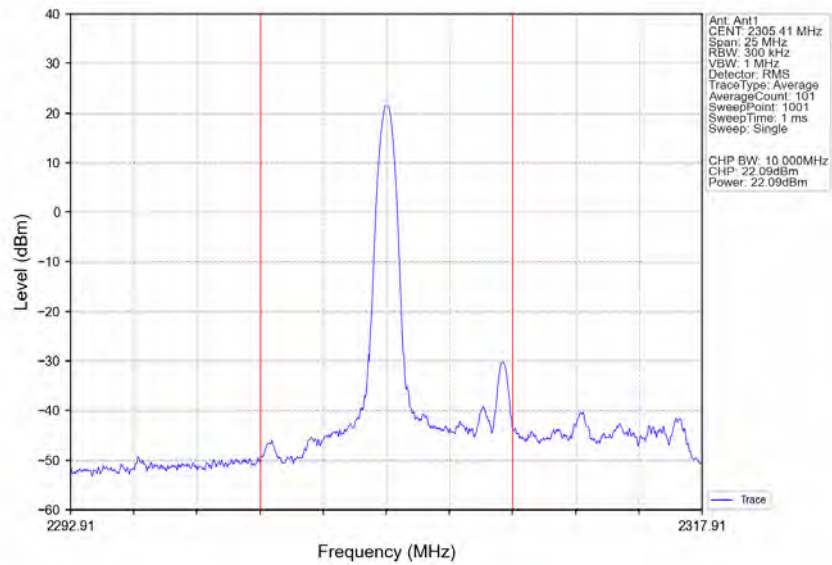


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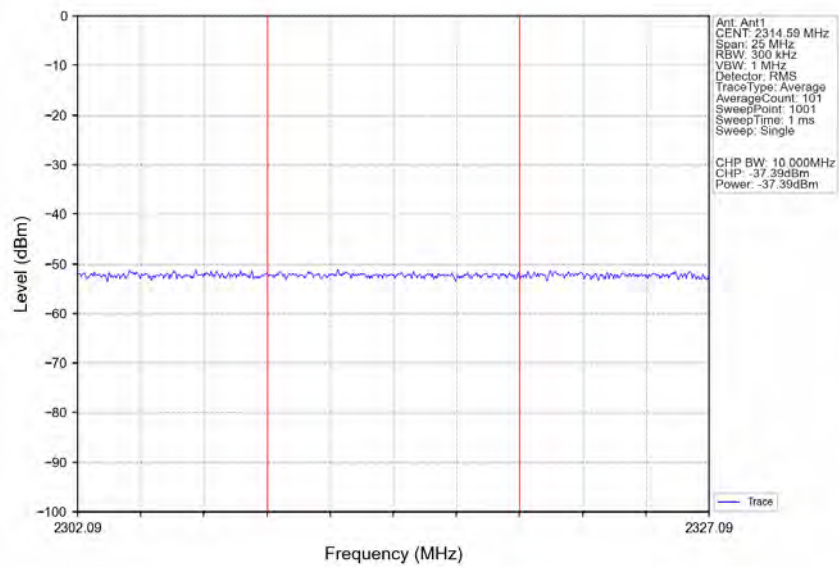


1.2.2 15k_SISO_10MHz_NTNV_EIRP(dBm/5MHz)

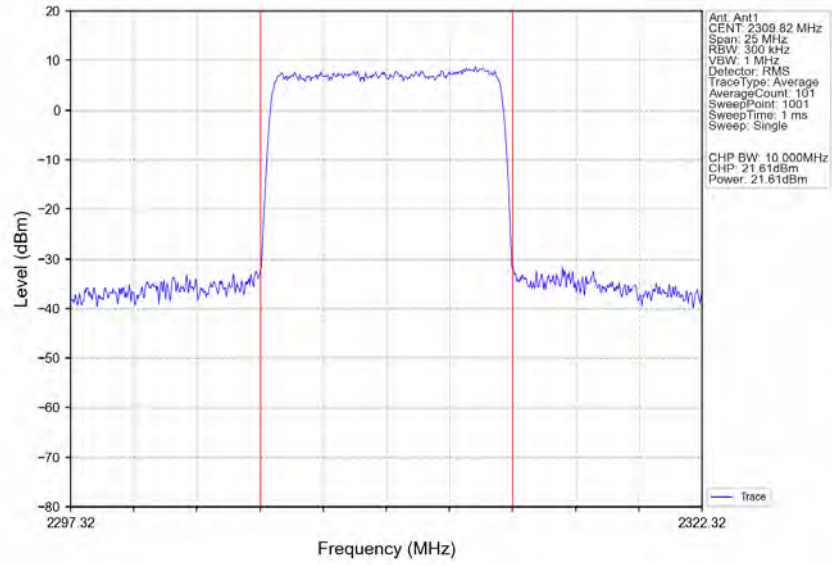
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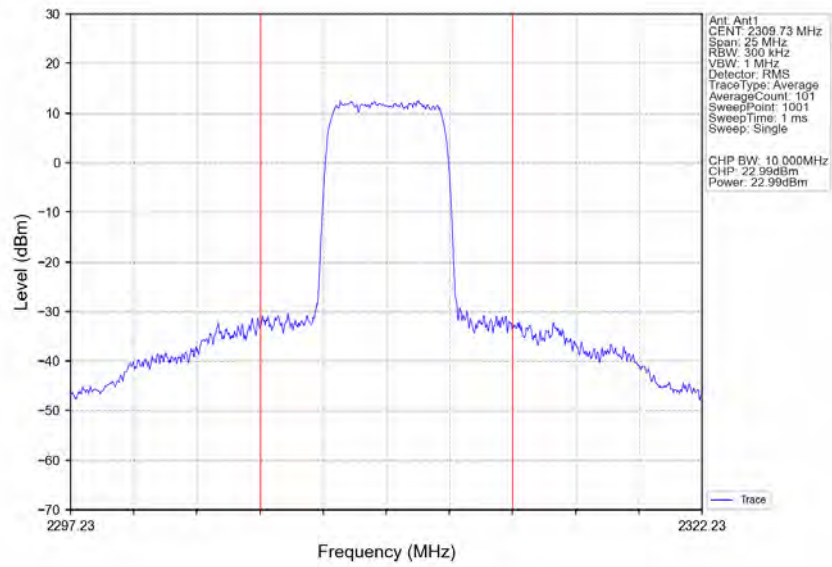
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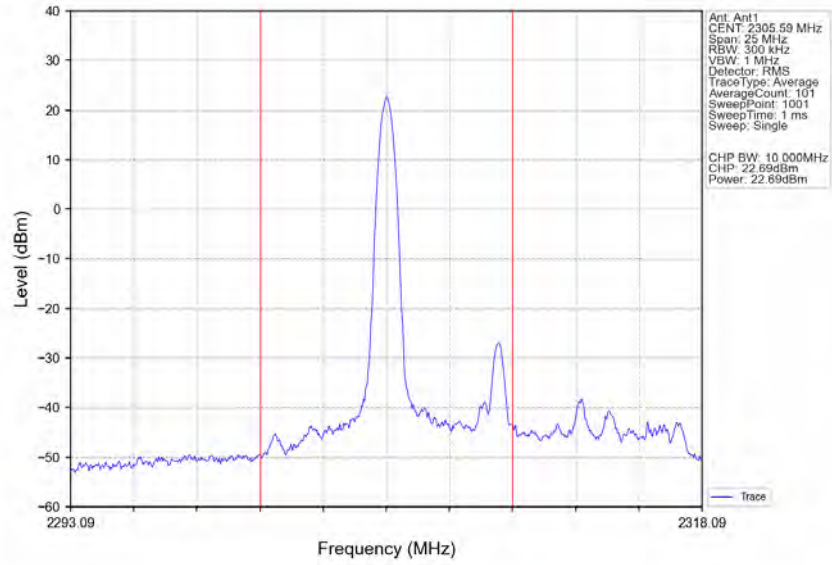
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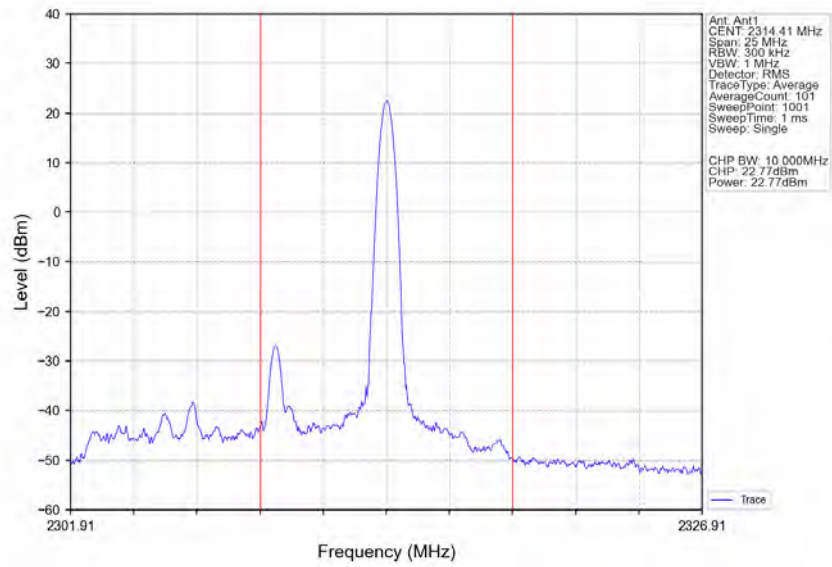
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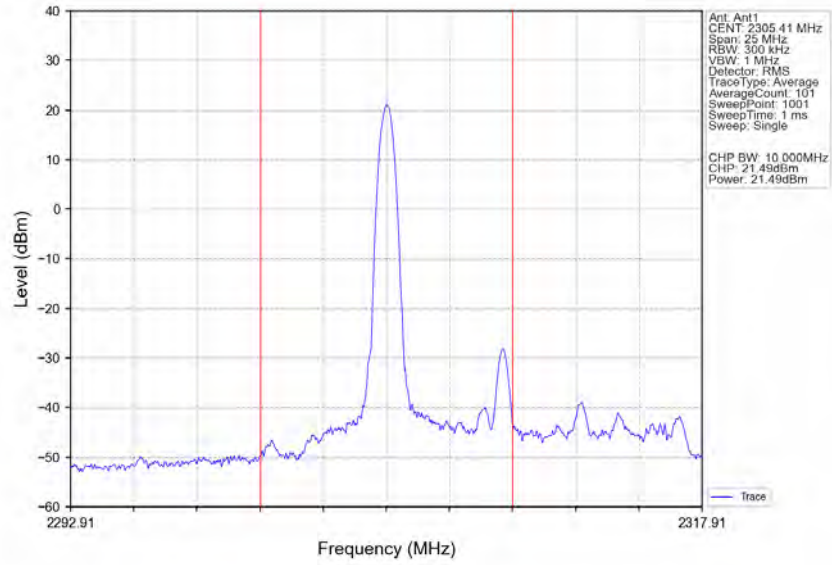
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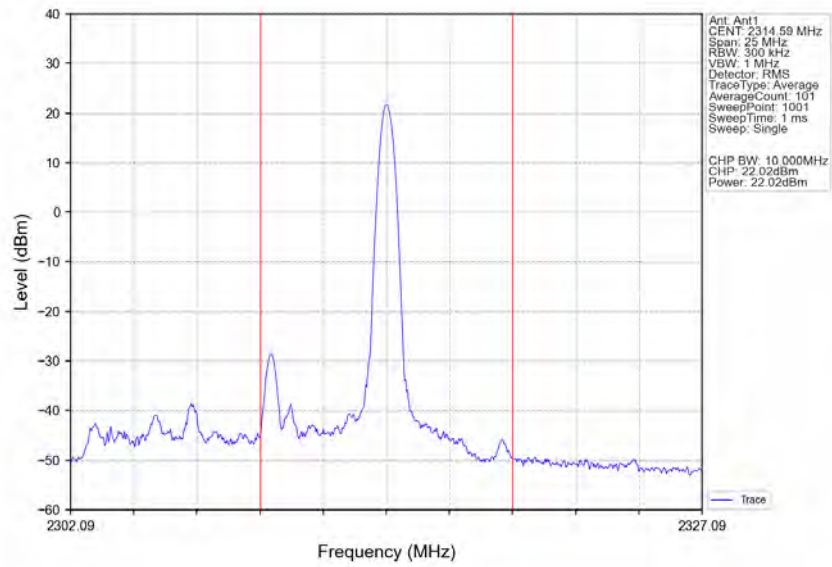
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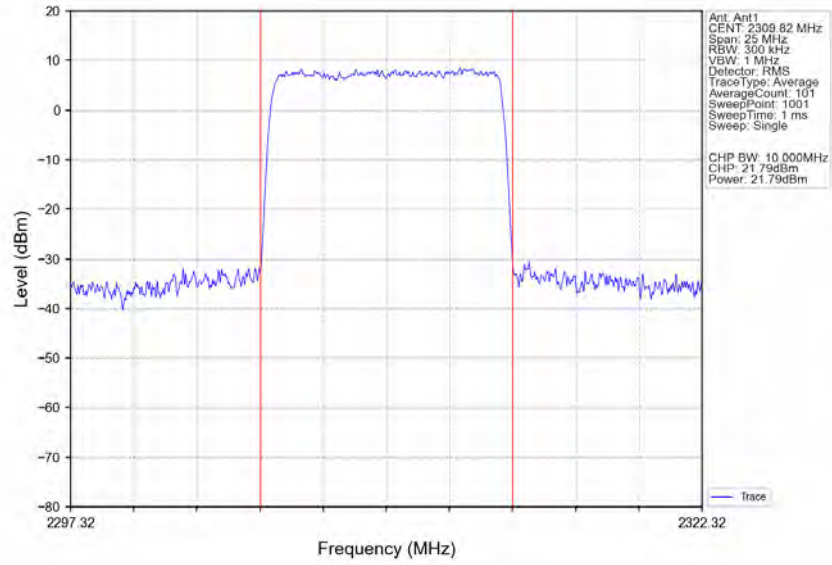
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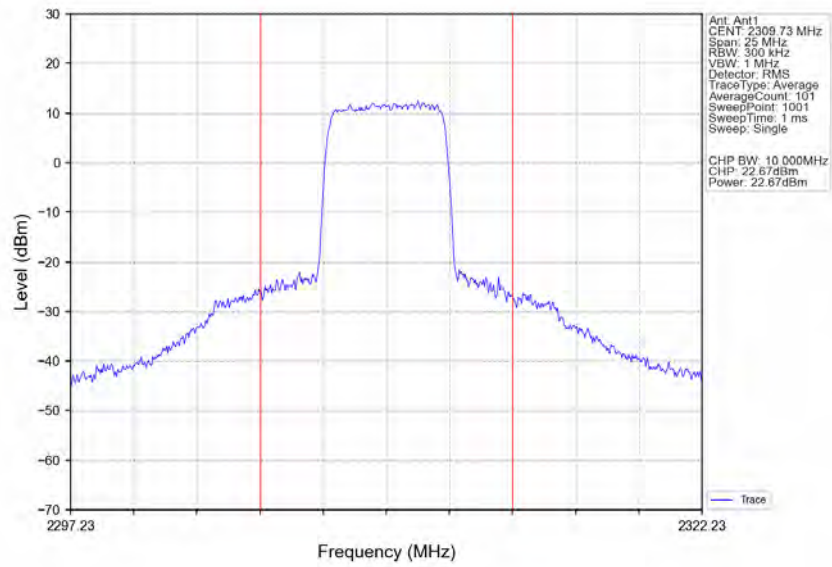
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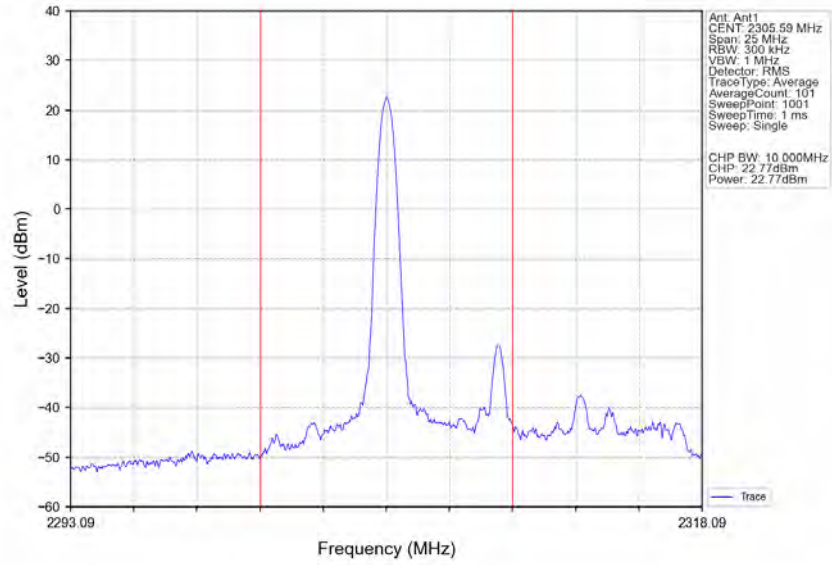
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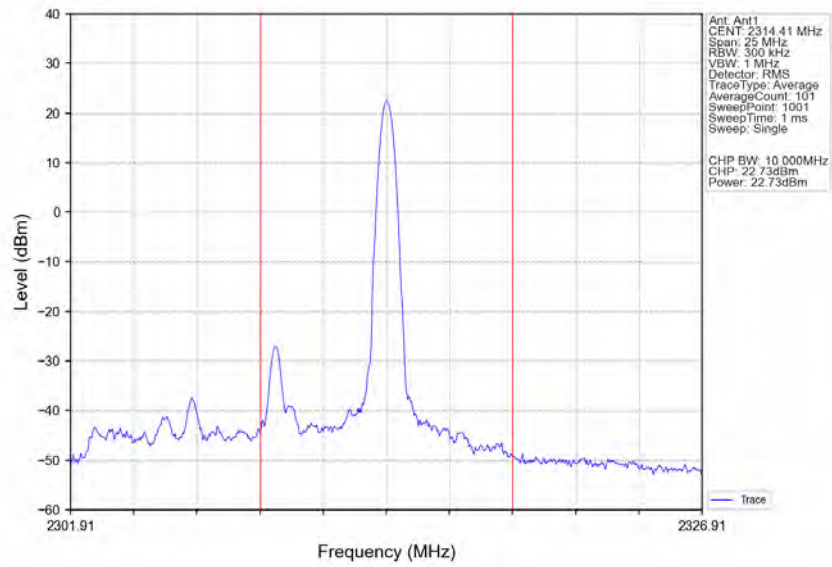
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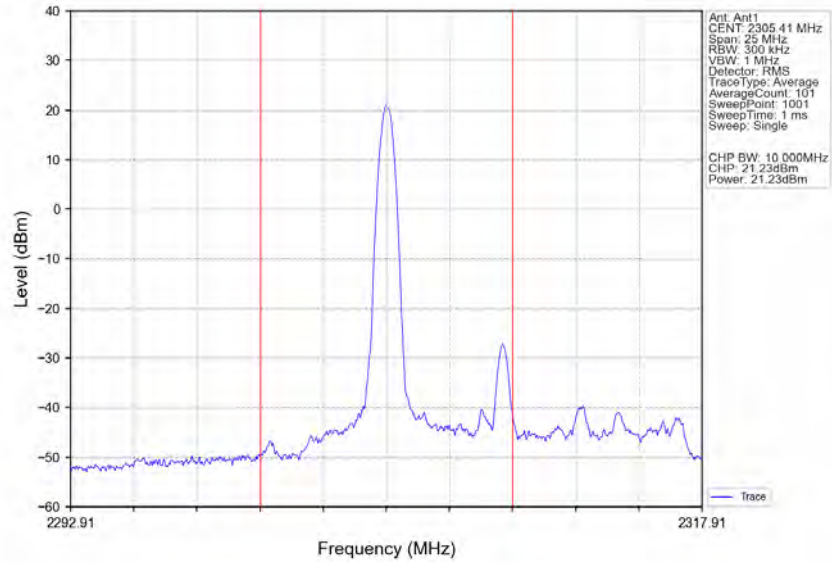
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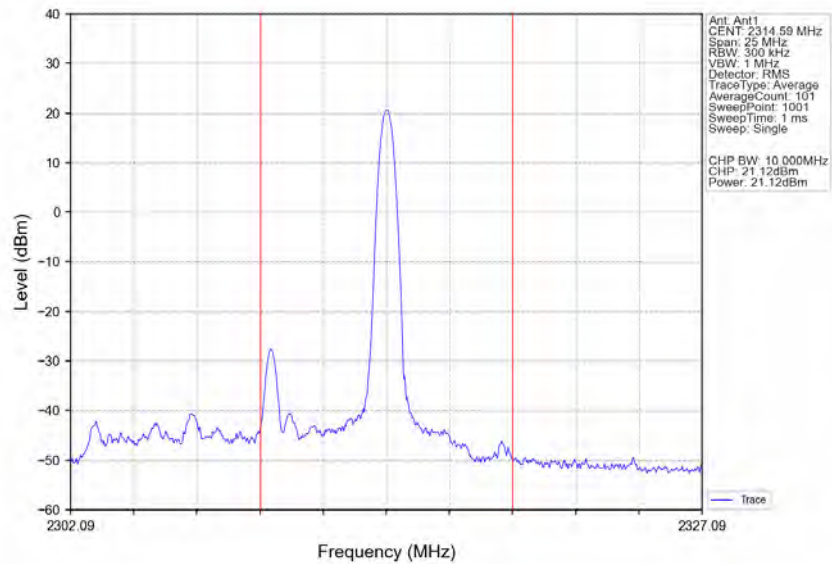
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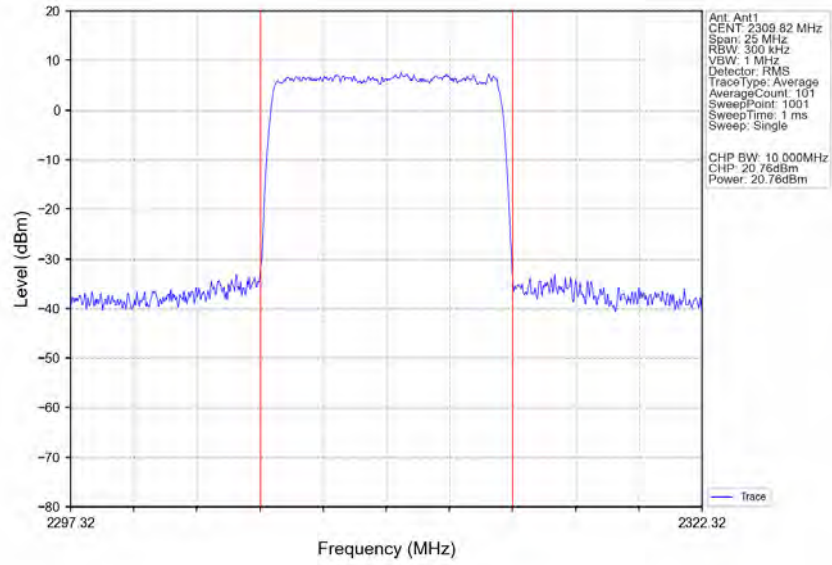
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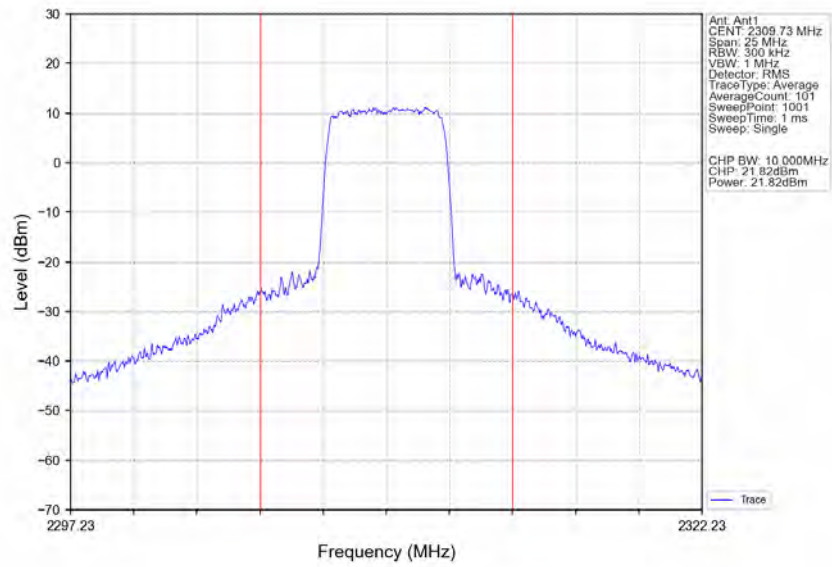
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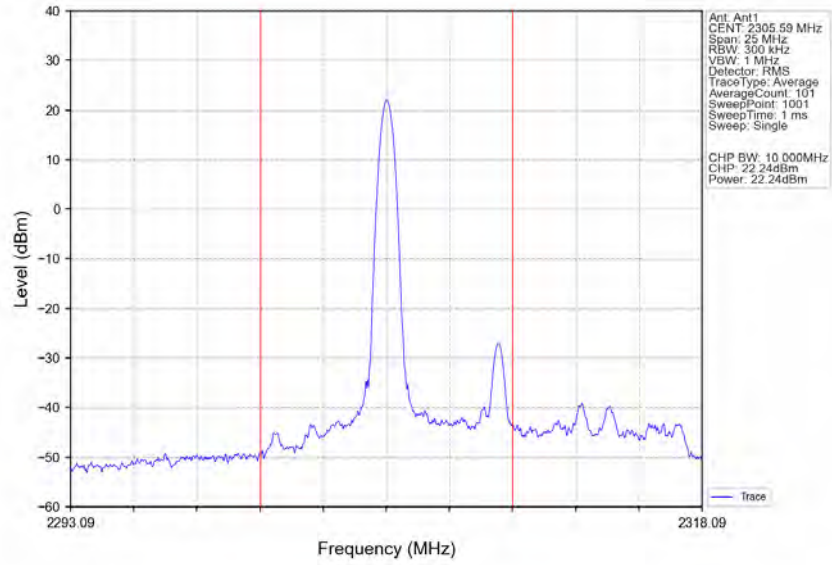
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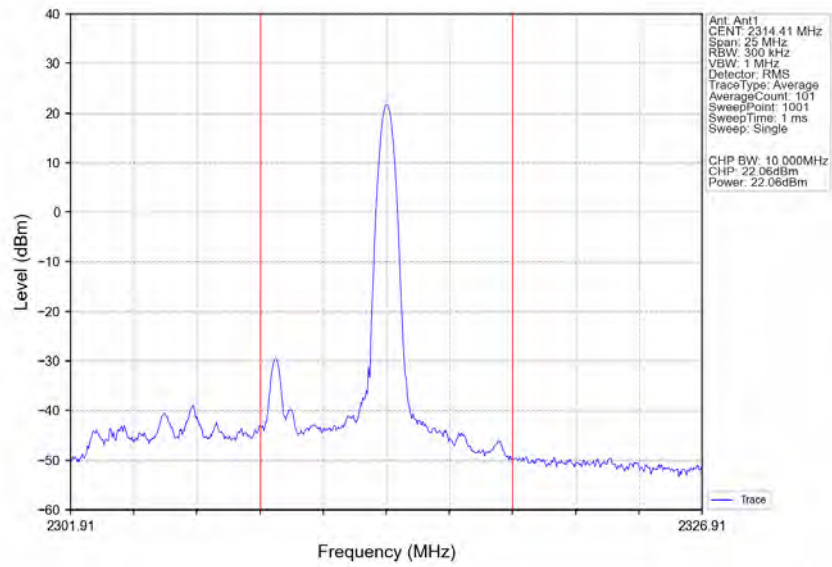
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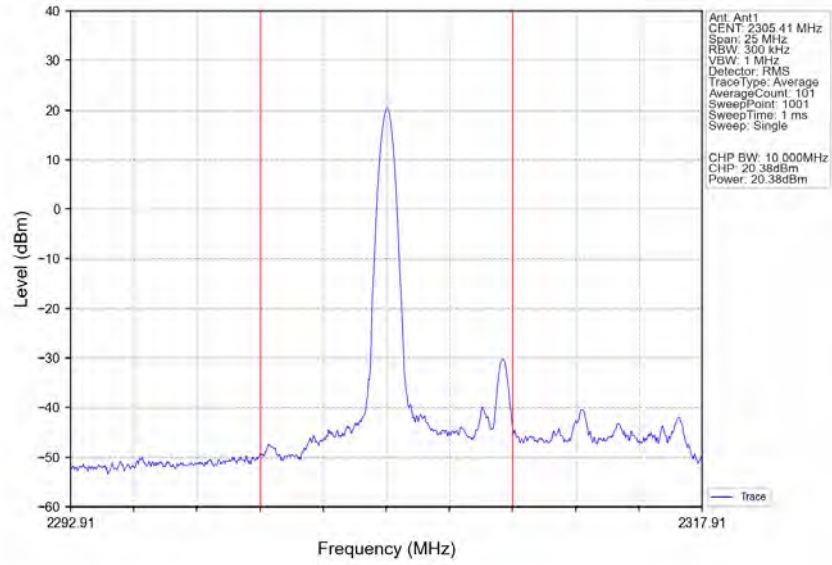
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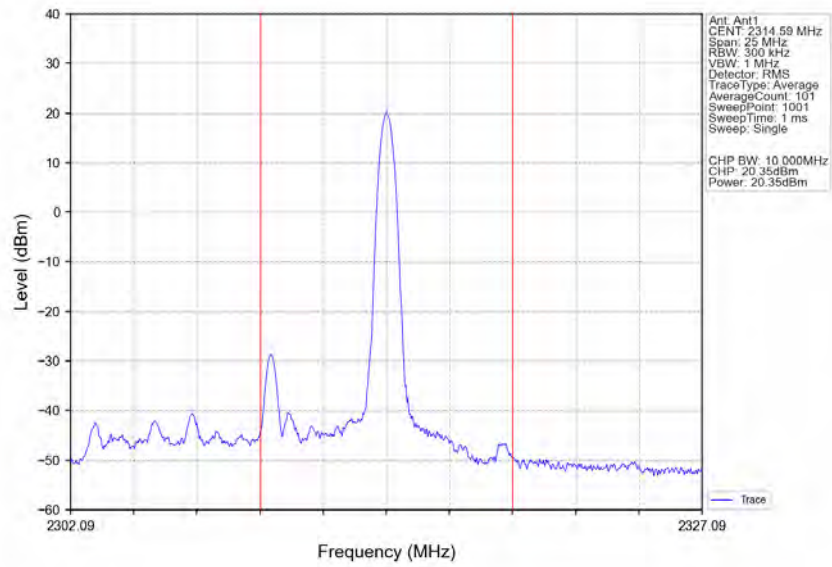
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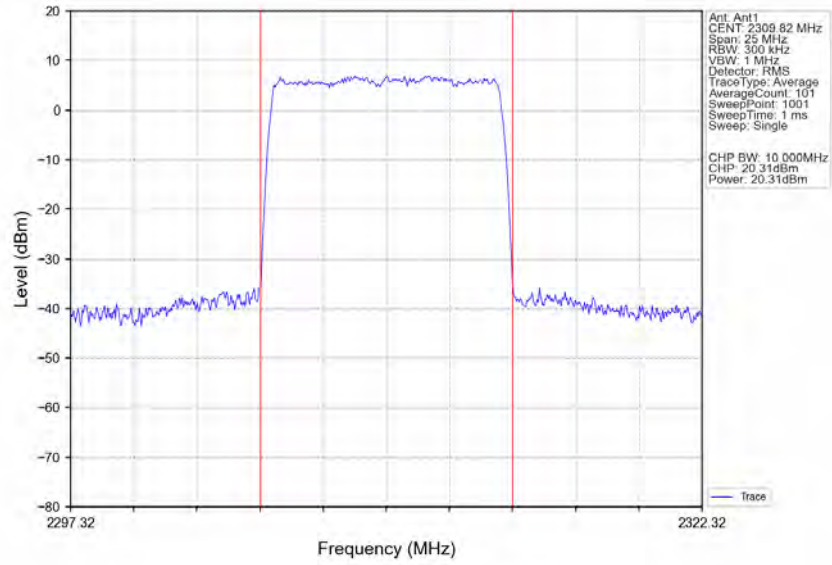
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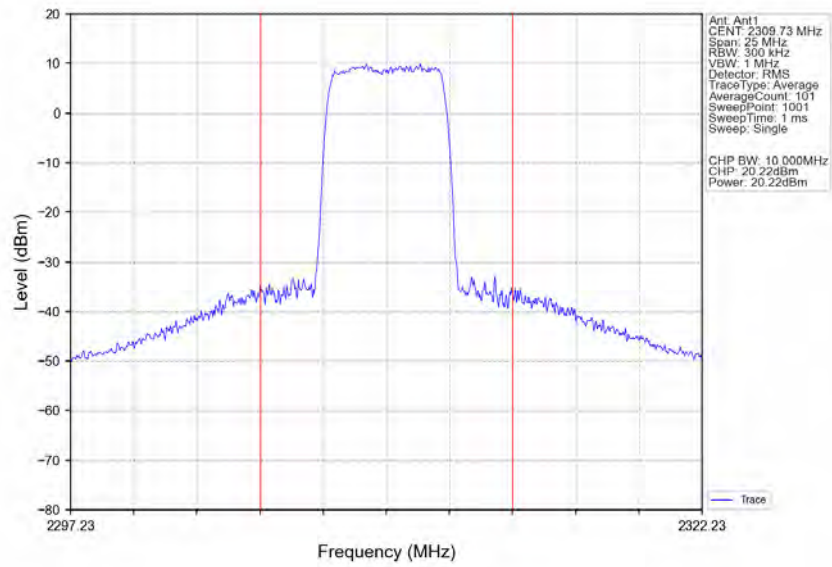
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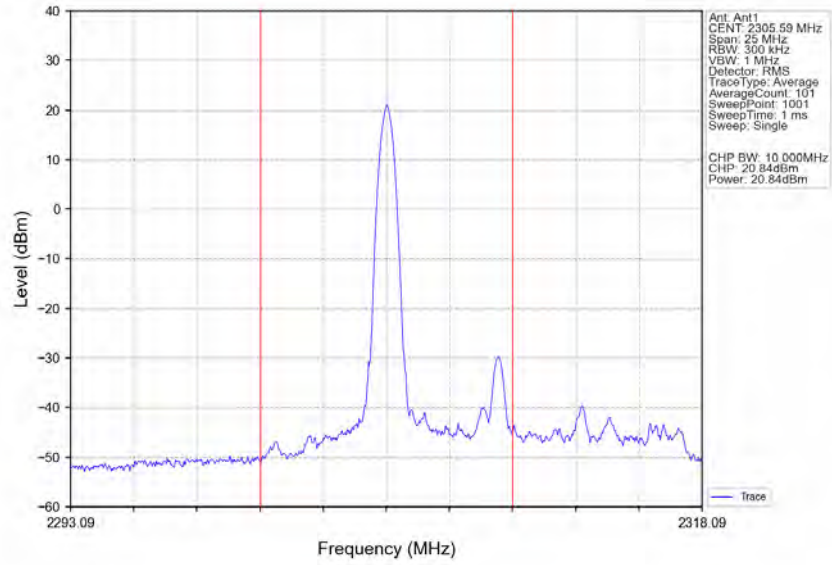
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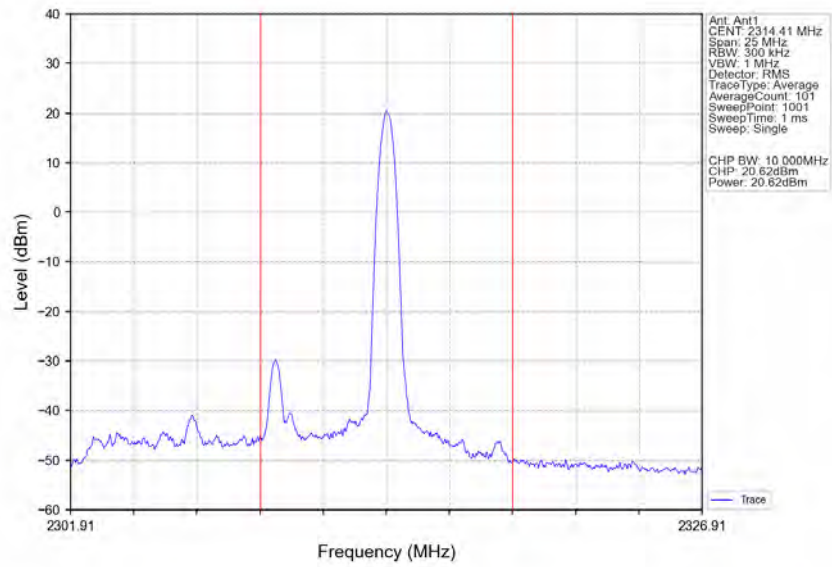
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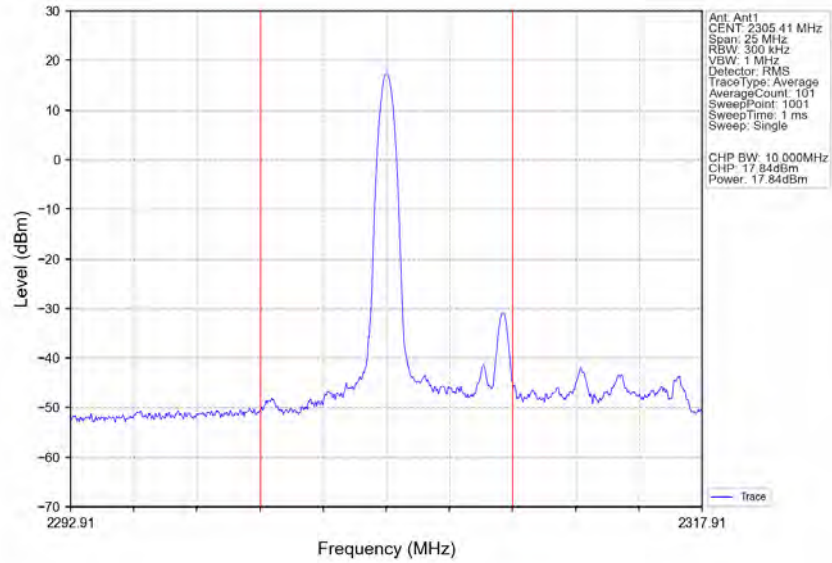
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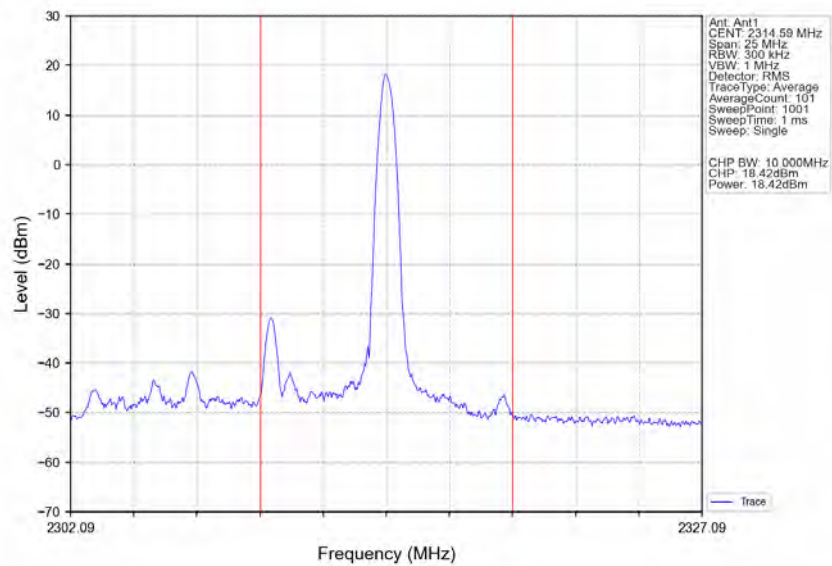
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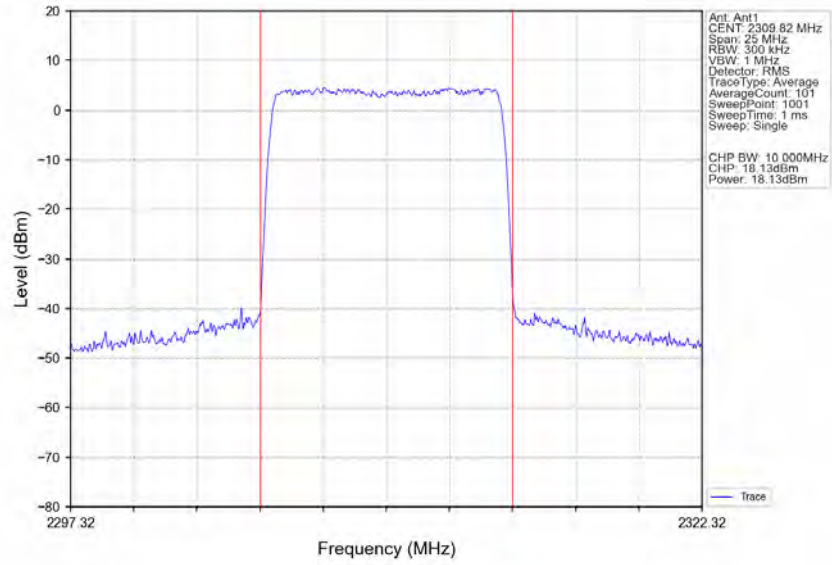
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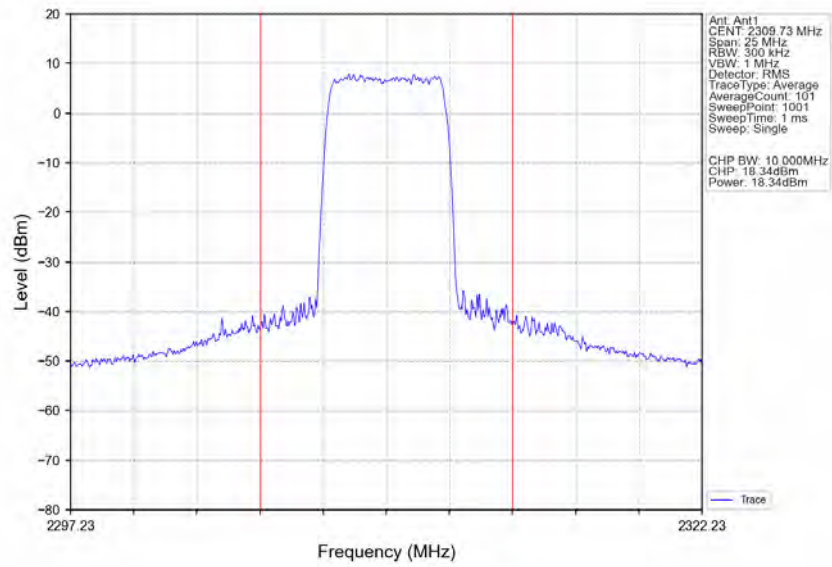
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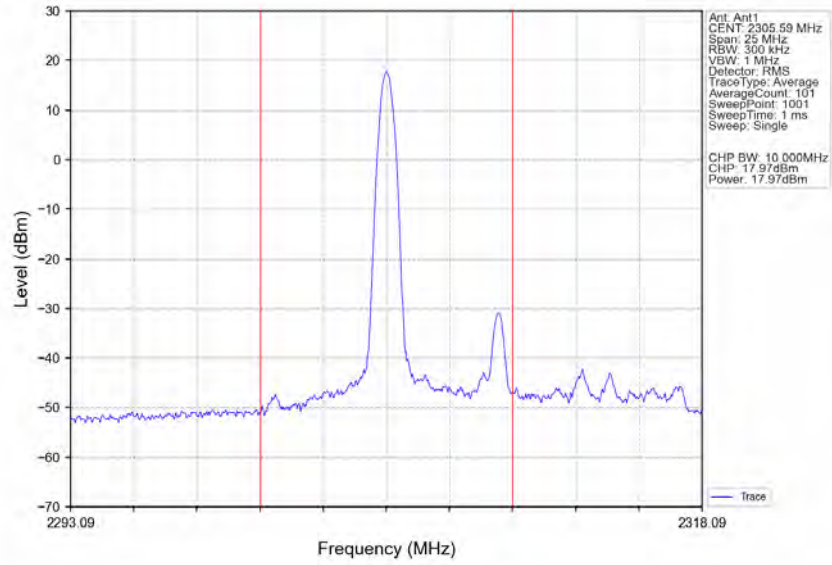
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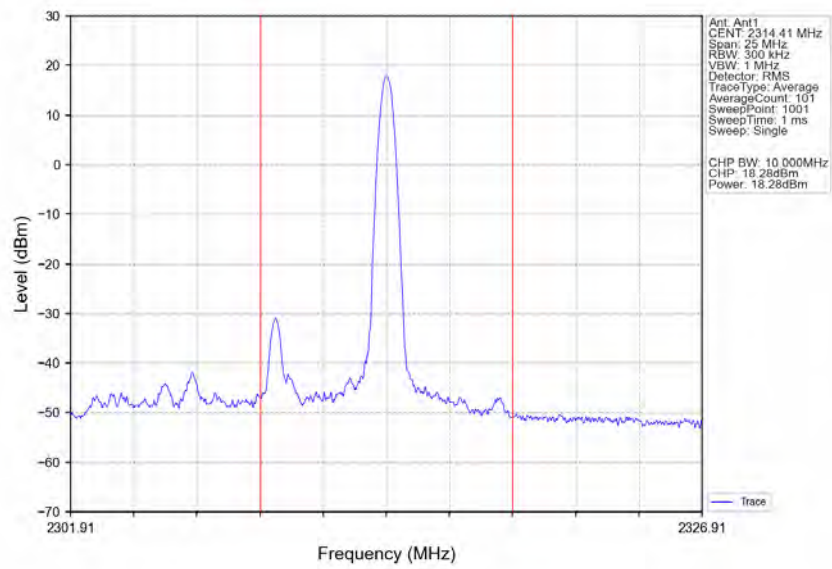
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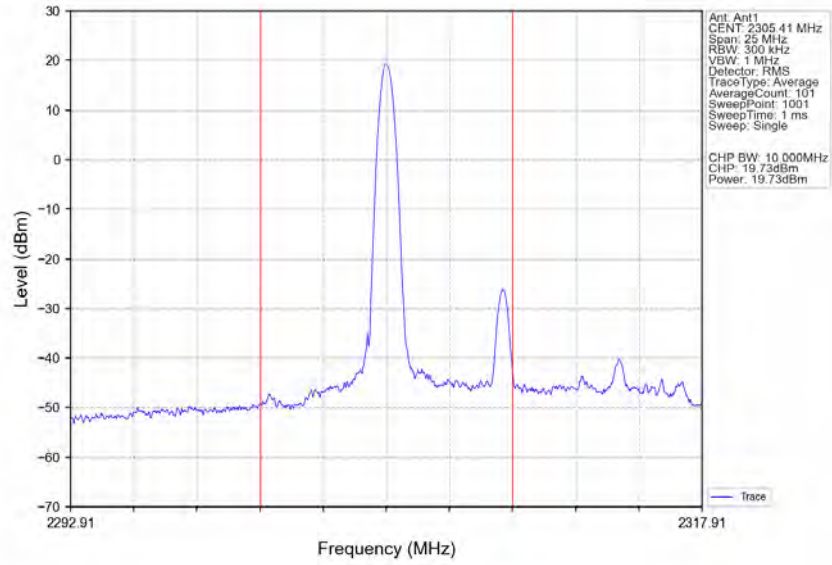
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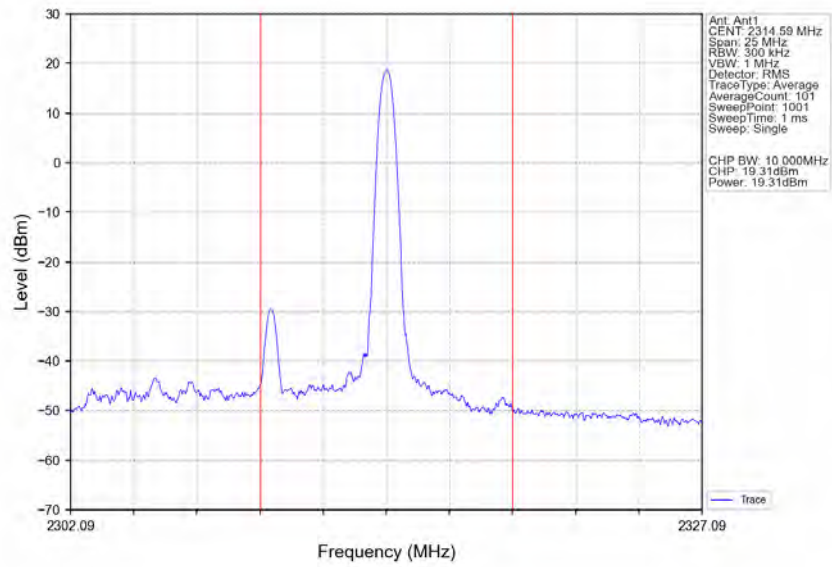
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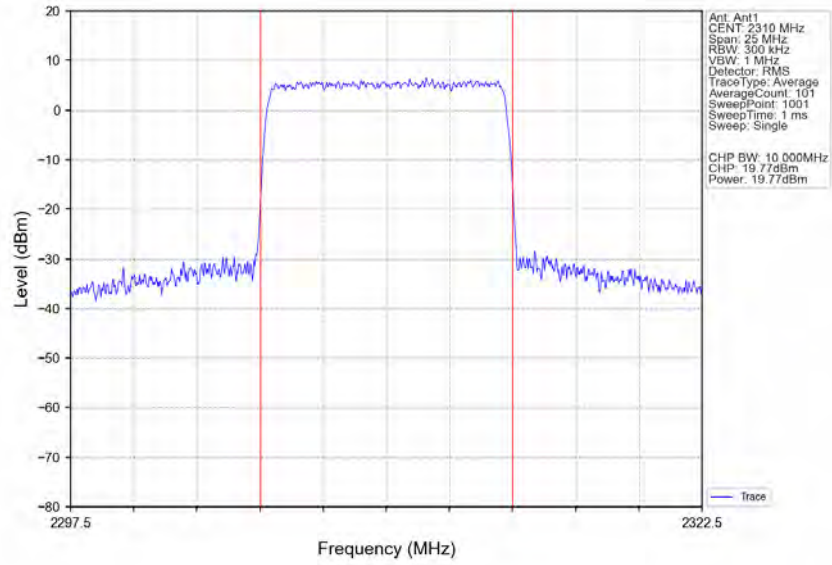
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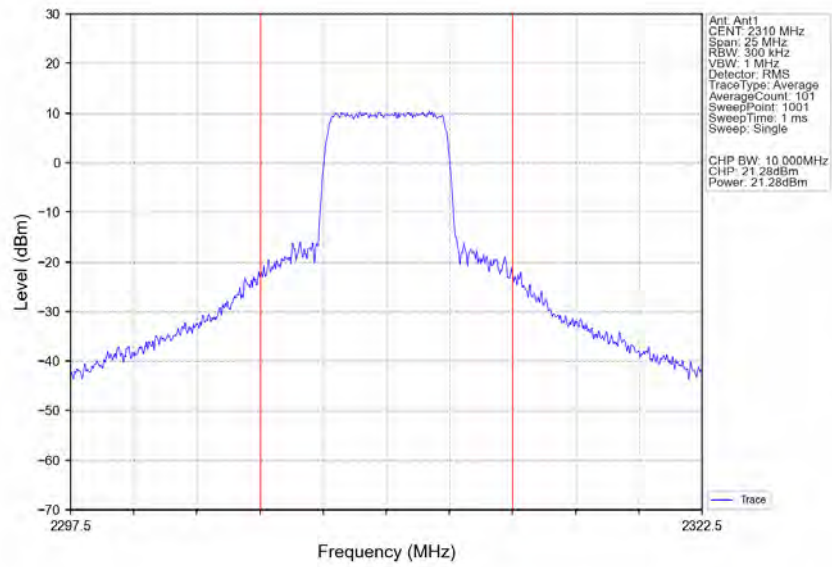
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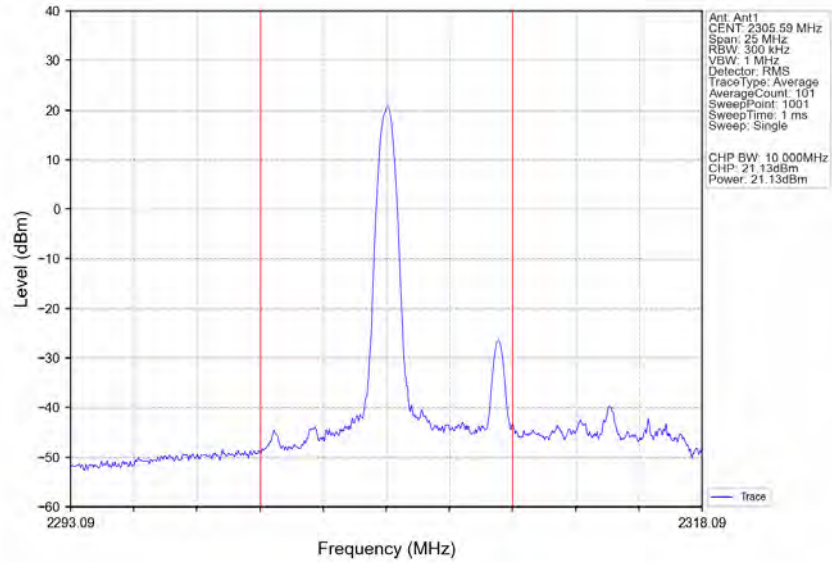
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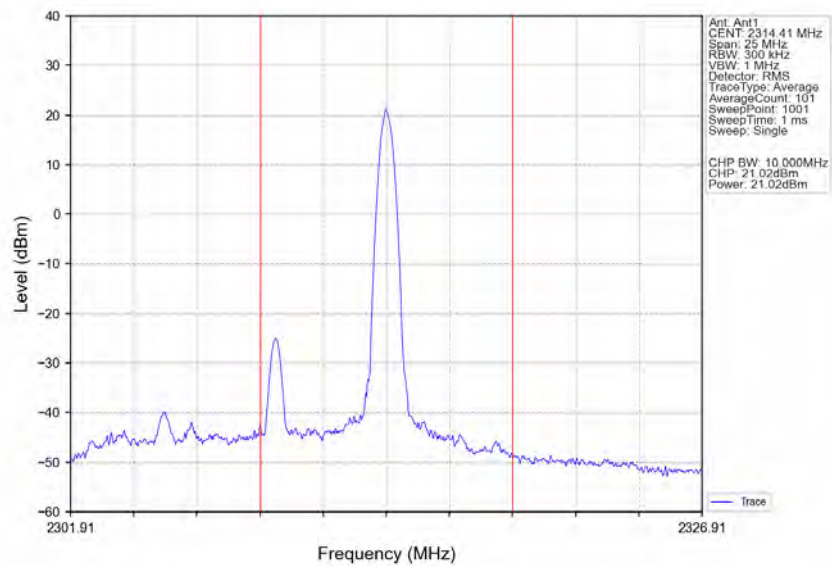
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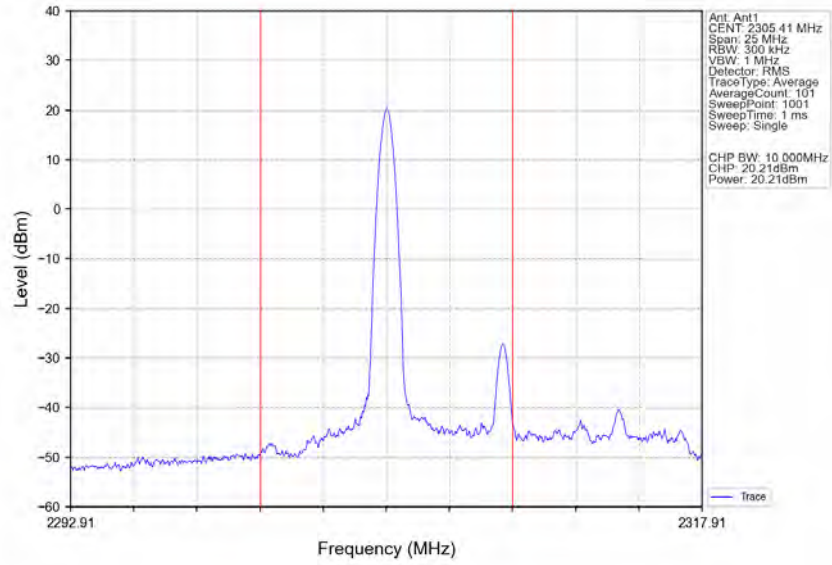
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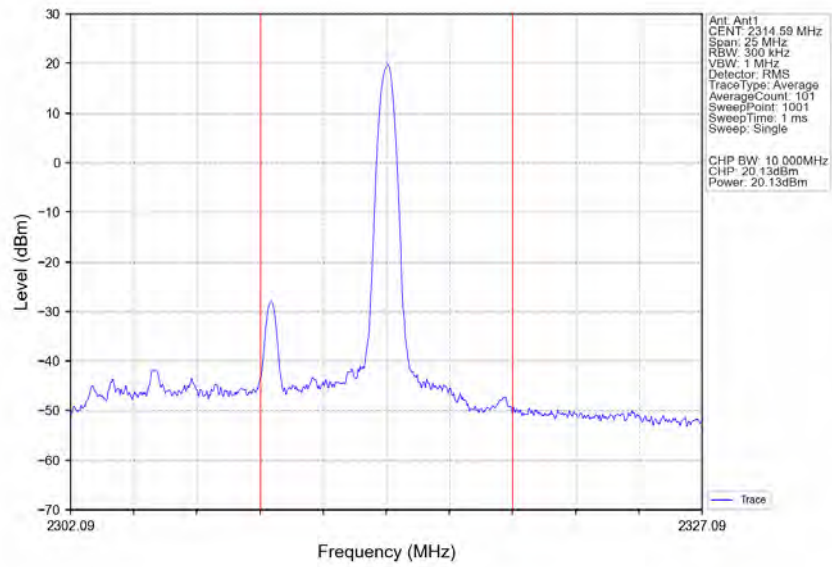
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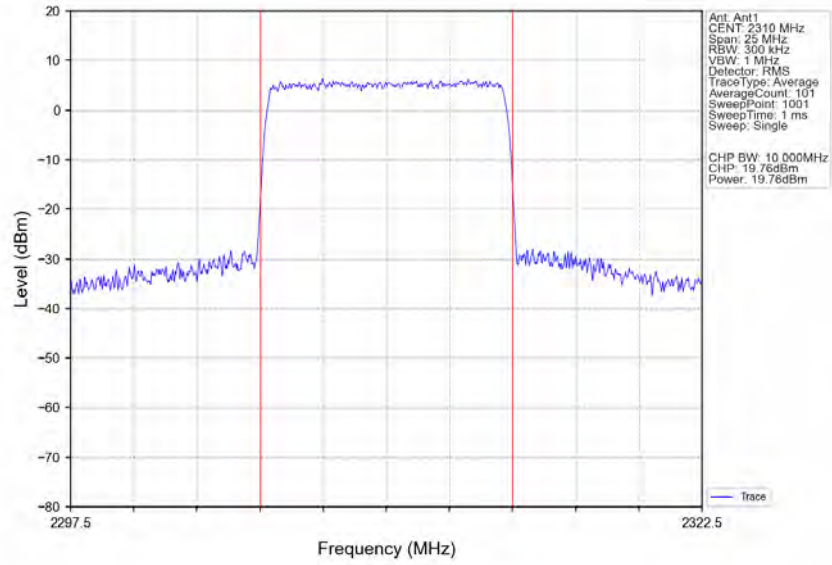
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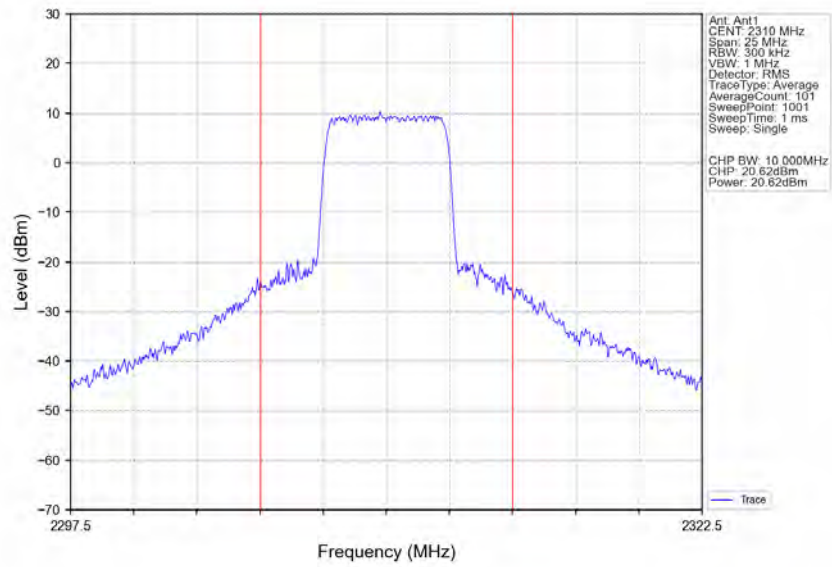
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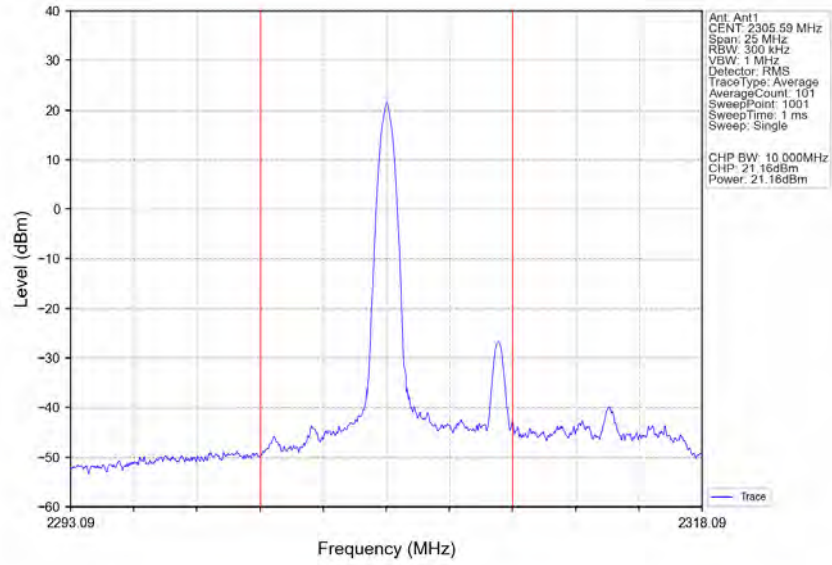
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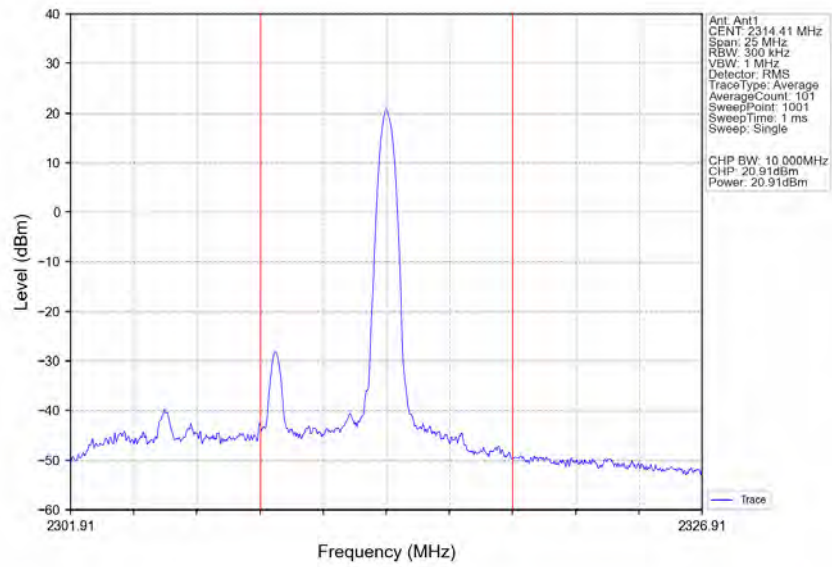
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_Full_Ant1



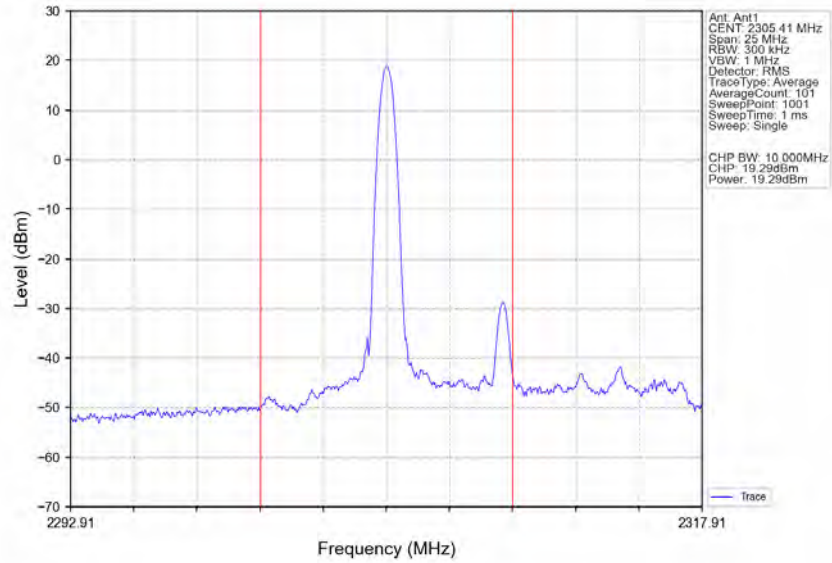
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_1RB_Left_Ant1



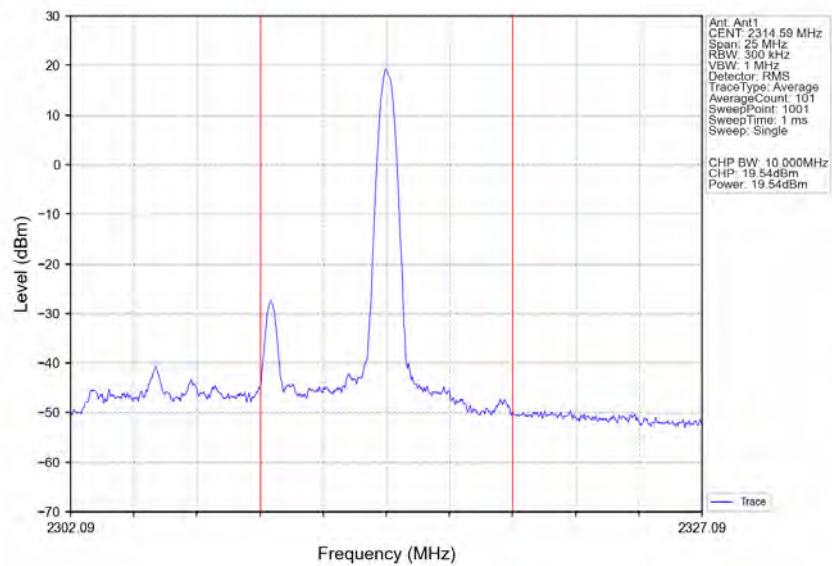
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2310MHz_Inner_1RB_Right_Ant1



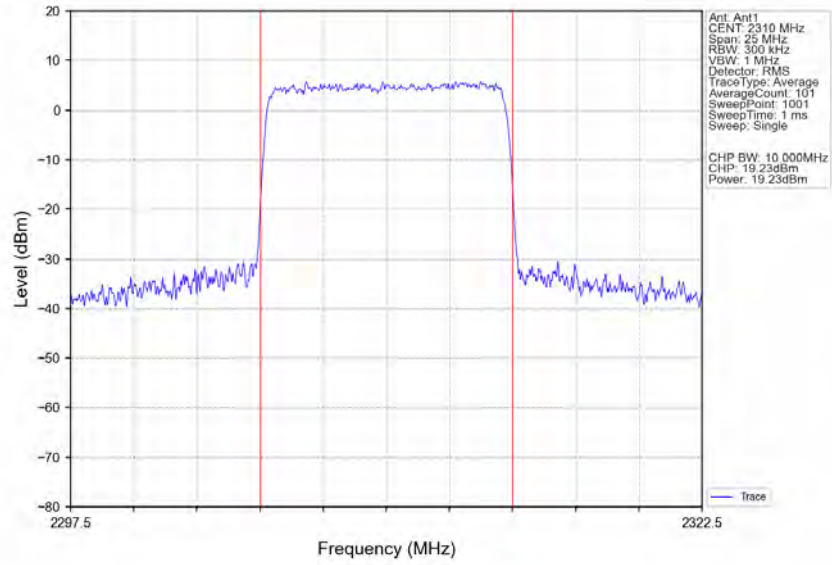
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Edge_1RB_Left_Ant1



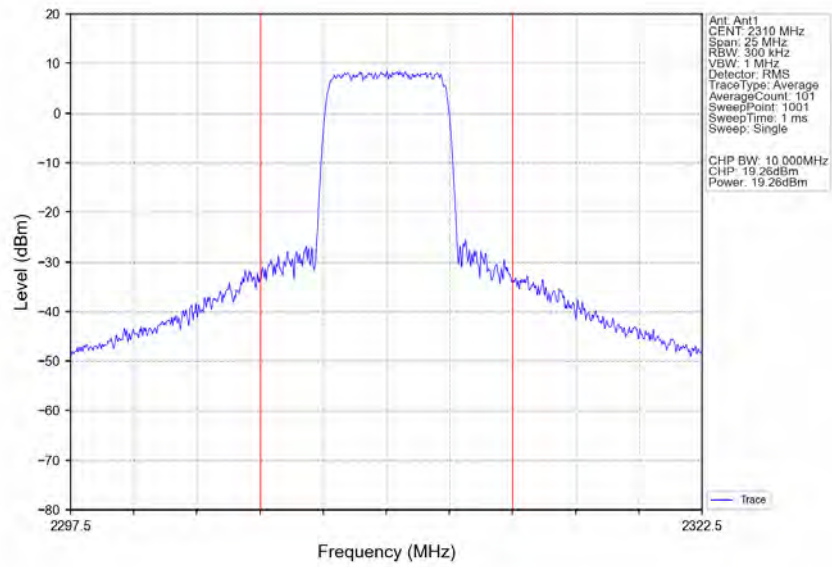
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Edge_1RB_Right_Ant1



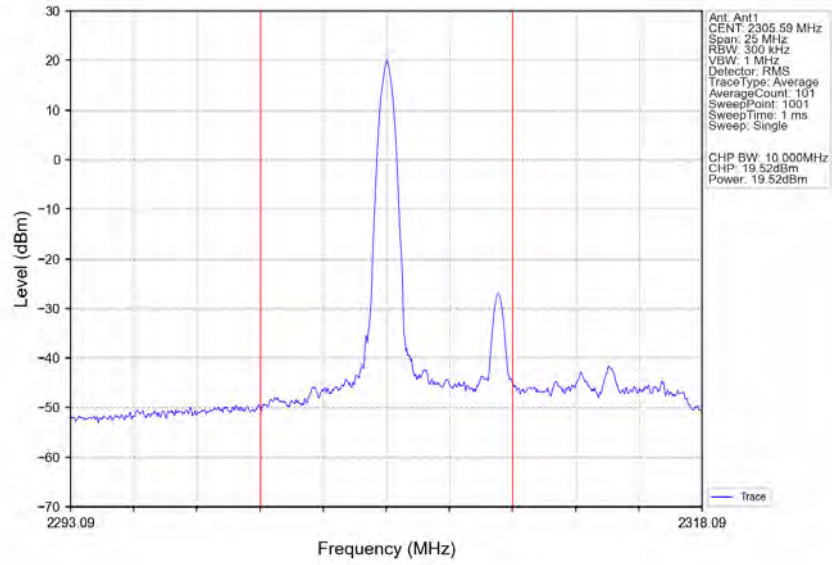
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Outer_Full_Ant1



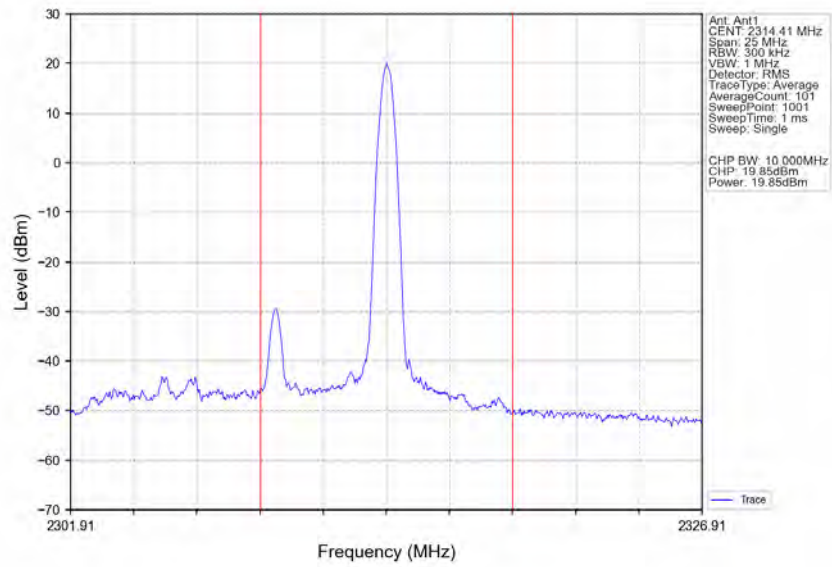
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_Full_Ant1



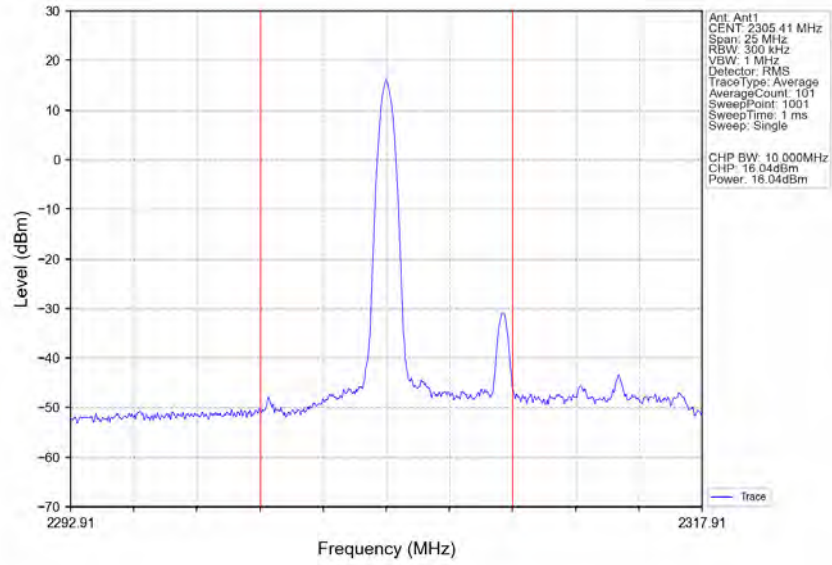
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_1RB_Left_Ant1



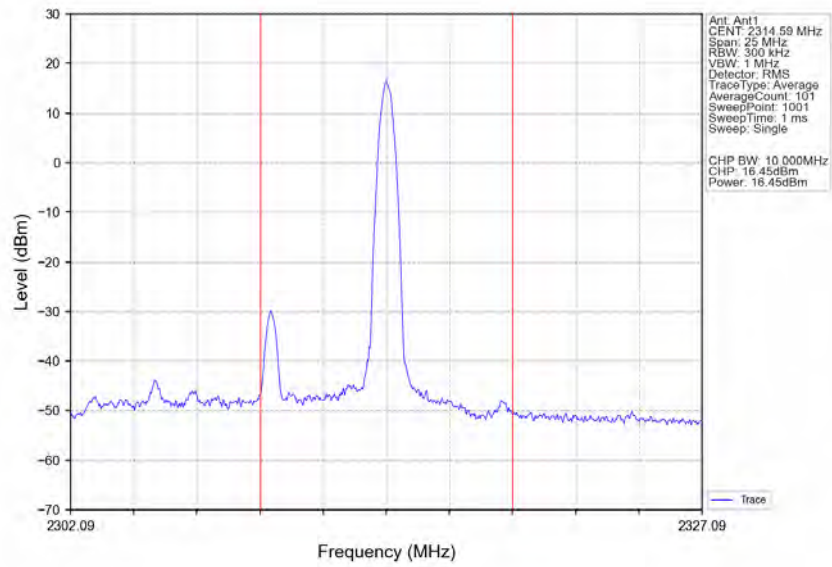
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2310MHz_Inner_1RB_Right_Ant1



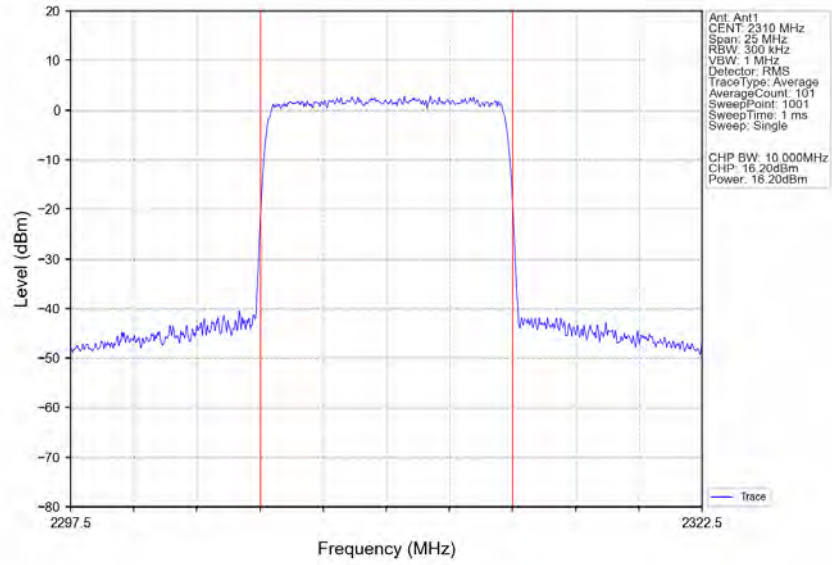
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Edge_1RB_Left_Ant1



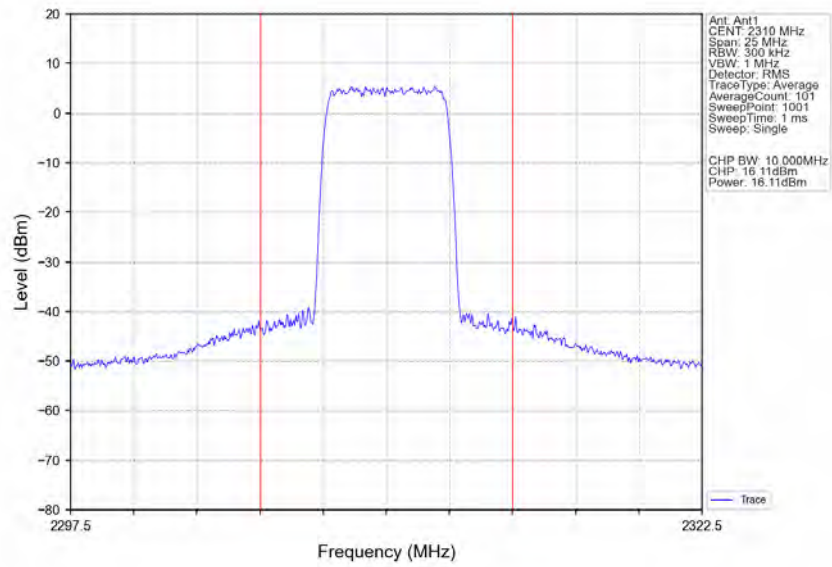
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Edge_1RB_Right_Ant1



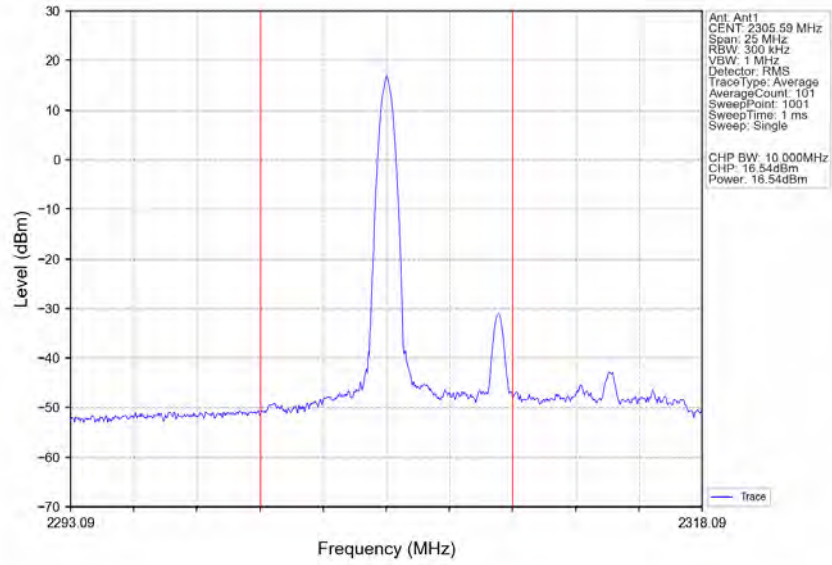
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 2310MHz_Outer_Full_Ant1



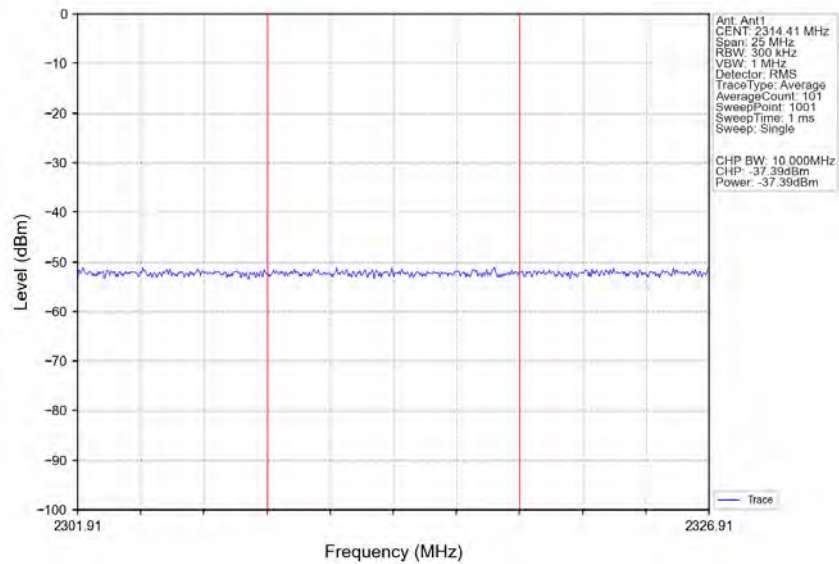
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 2310MHz_Inner_Full_Ant1



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	-4.40	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0029	>=-2.5 & <=2.5	Pass
50	NV	-6.20	-0.0027	>=-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	4.54	5.02	/	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	4.55	5.00	/	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	4.53	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	5.01	/	Pass
CP-OFDM QPSK	2310	Outer_Full	4.55	5.46	/	Pass
CP-OFDM 16 QAM	2310	Outer_Full	4.54	5.03	/	Pass
CP-OFDM 64 QAM	2310	Outer_Full	4.54	4.95	/	Pass
CP-OFDM 256 QAM	2310	Outer_Full	4.51	5.01	/	Pass

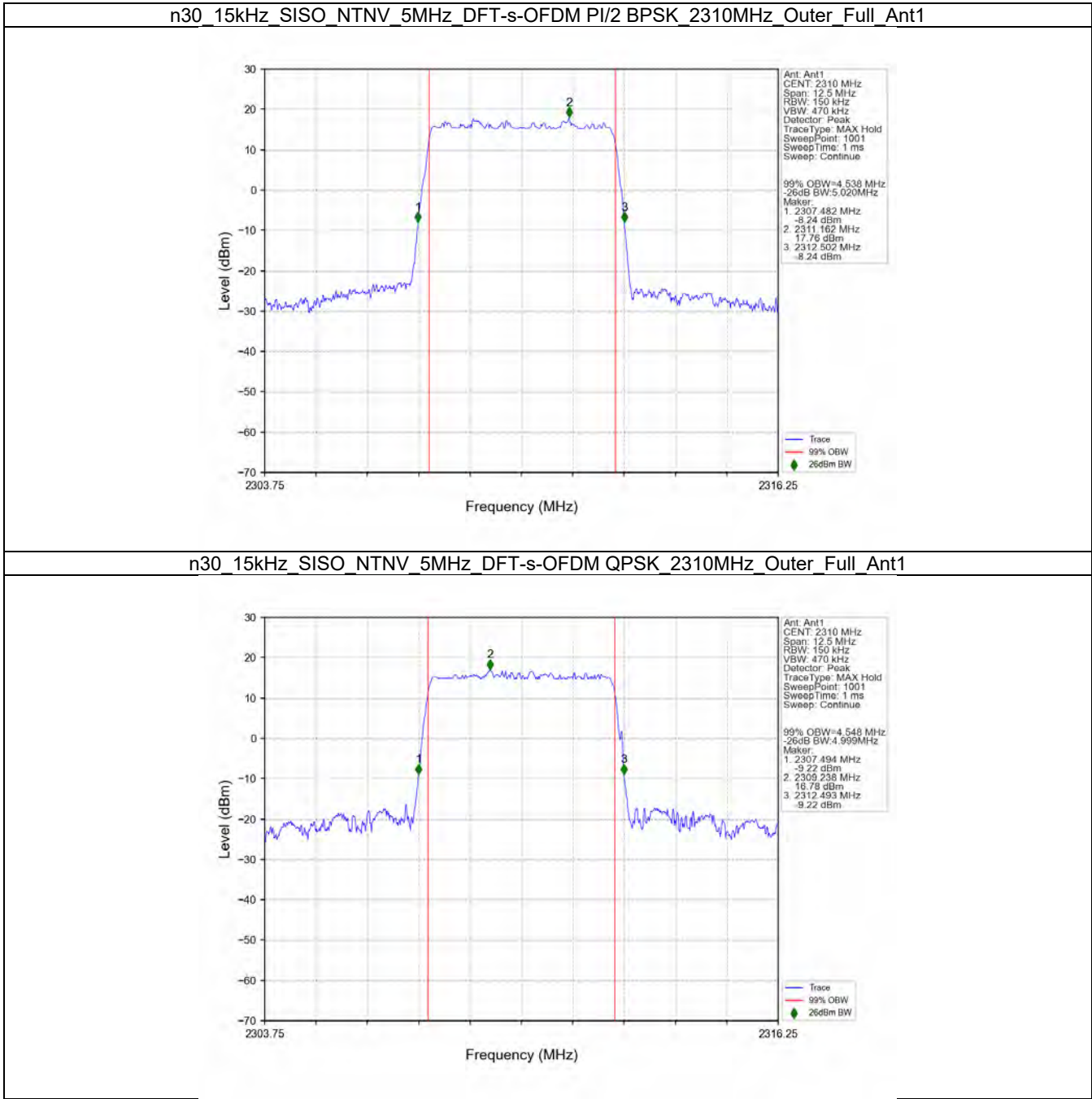
3.1.2 15k_SISO_10MHz_NTNV

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	9.05	9.74	/	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	9.05	9.71	/	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	9.02	9.74	/	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	9.43	10.12	/	Pass

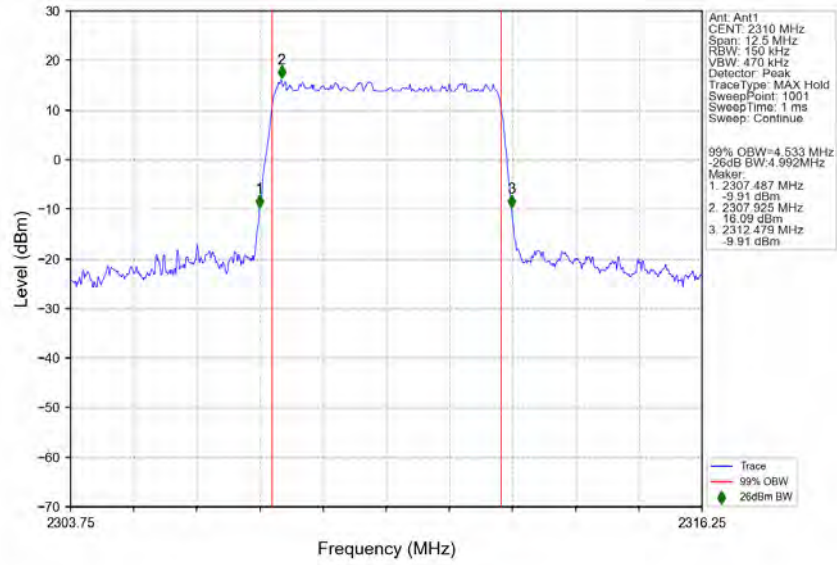
CP-OFDM 16 QAM	2310	Outer Full	9.41	10.11	/	Pass
CP-OFDM 64 QAM	2310	Outer Full	9.37	10.04	/	Pass
CP-OFDM 256 QAM	2310	Outer Full	9.36	10.07	/	Pass

3.2 Test Graph

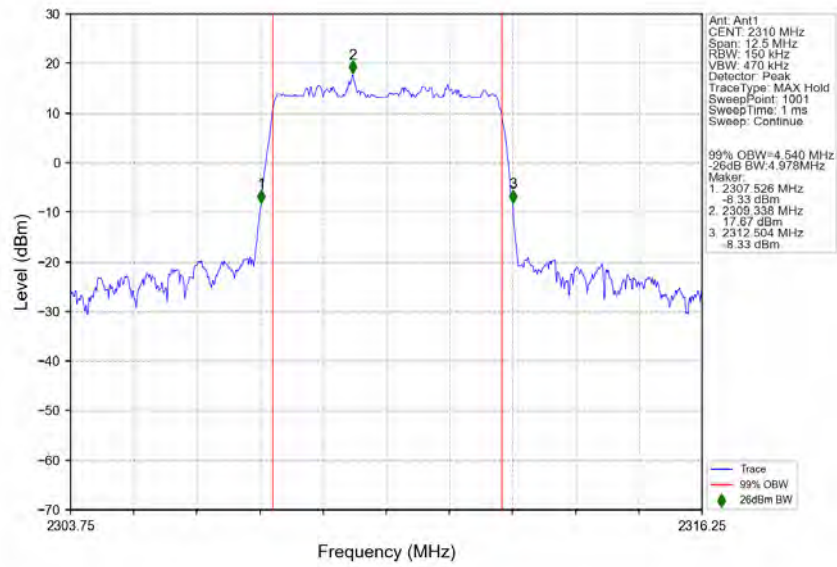
3.2.1 15k_SISO_5MHz_NTNV



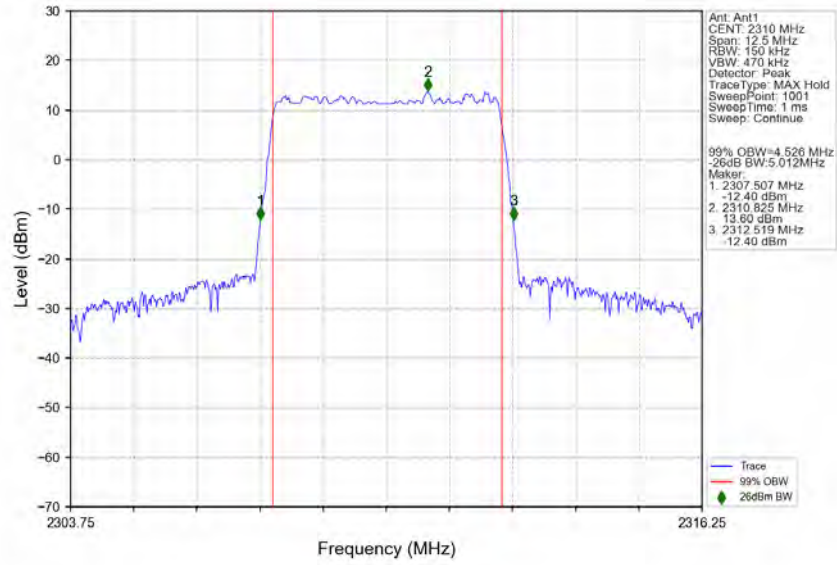
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 2310MHz_Outer_Full_Ant1



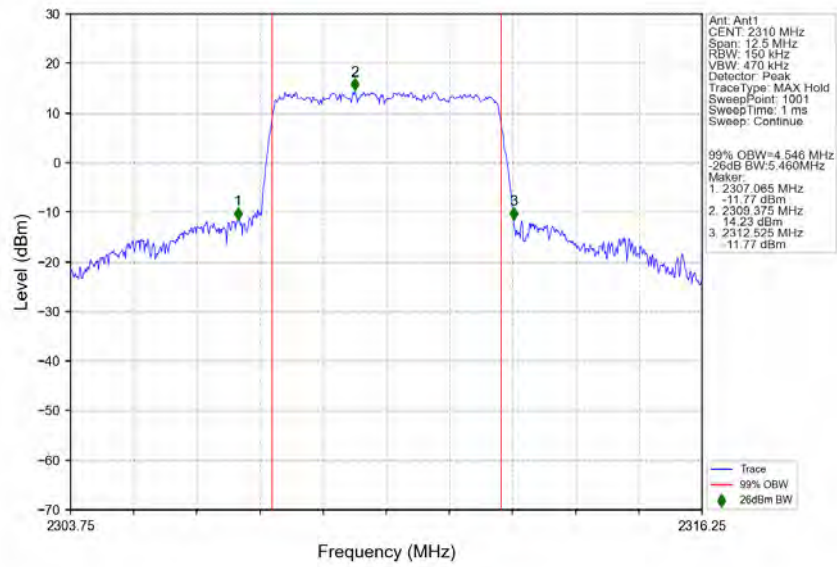
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 2310MHz_Outer_Full_Ant1



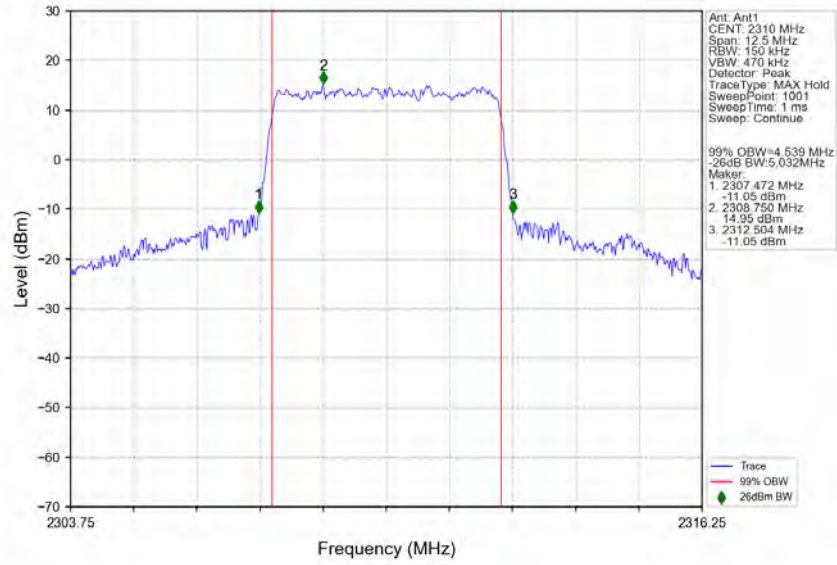
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2310MHz_Outer_Full_Ant1



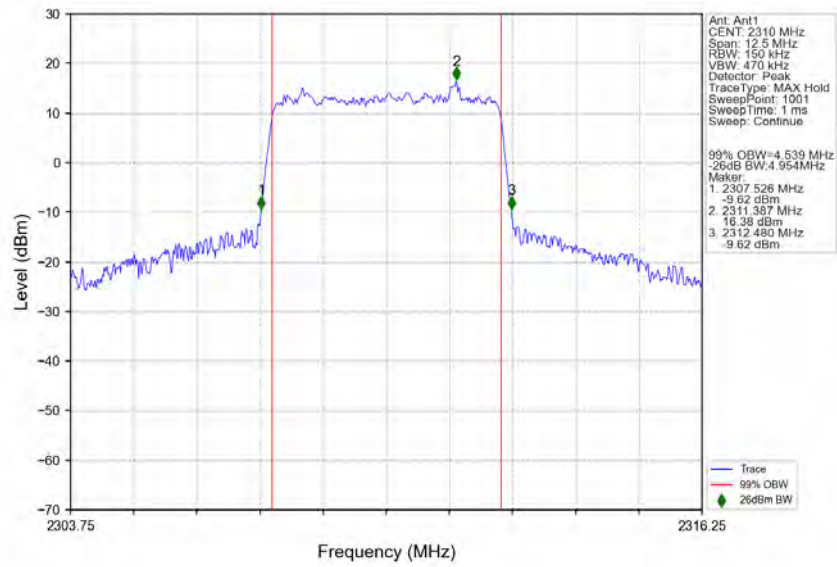
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Outer_Full_Ant1

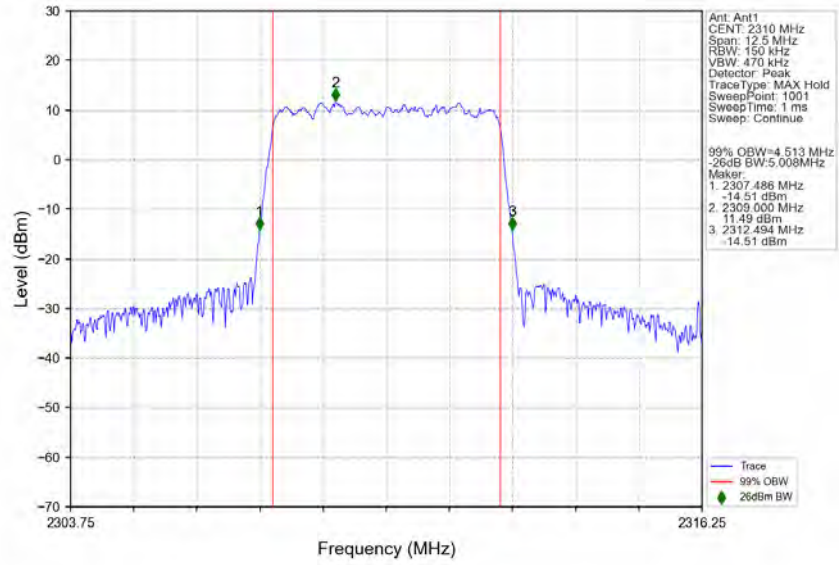


n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 2310MHz_Outer_Full_Ant1

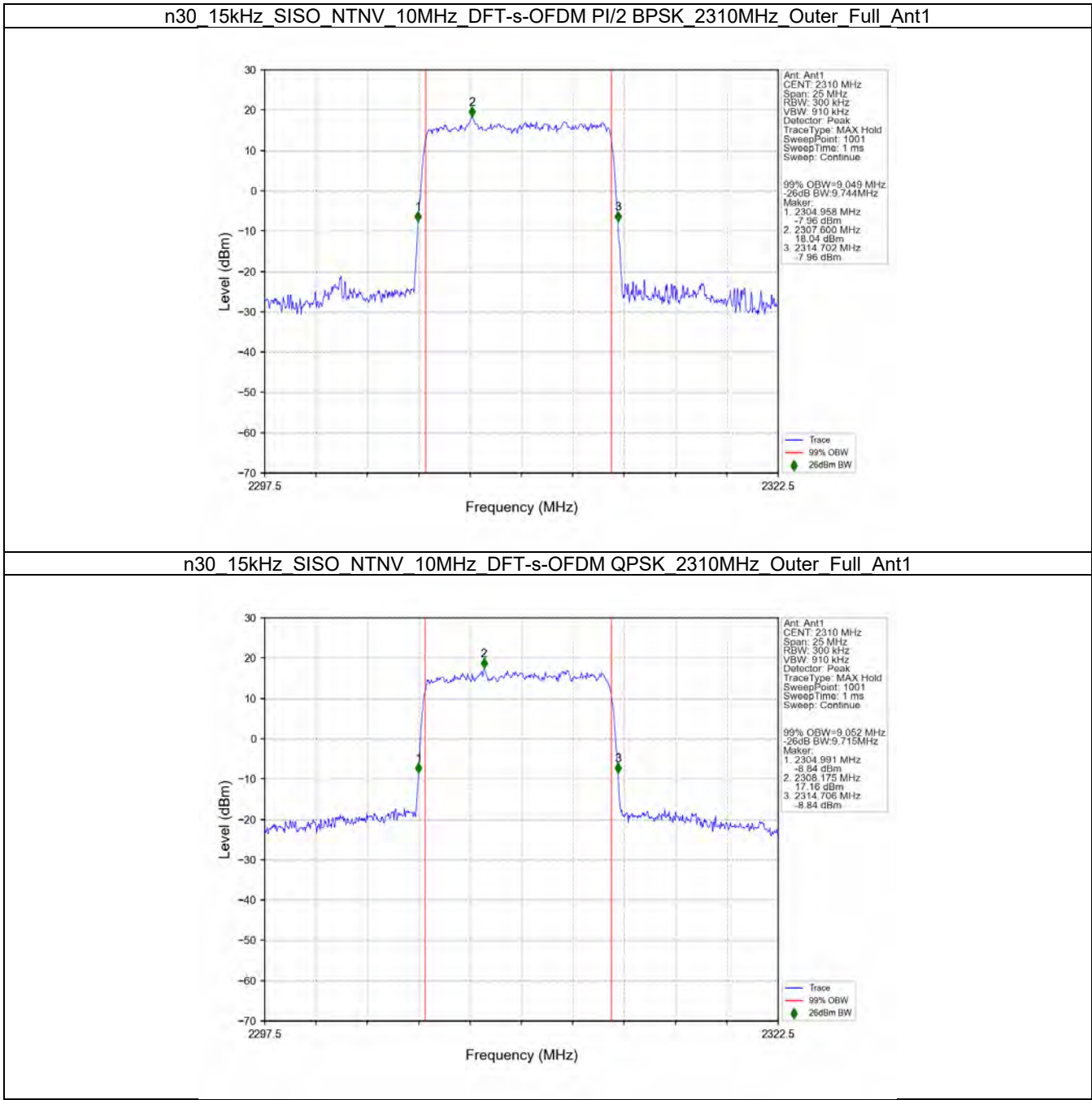


n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 2310MHz_Outer_Full_Ant1

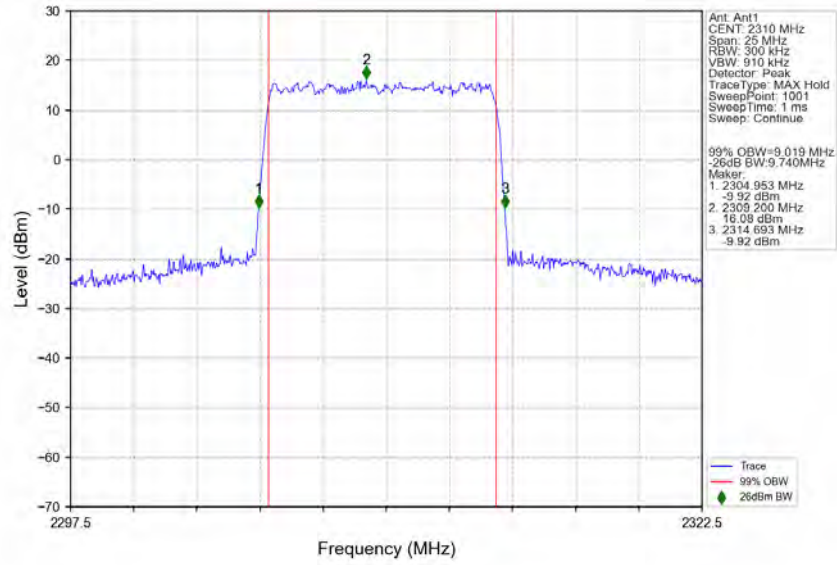




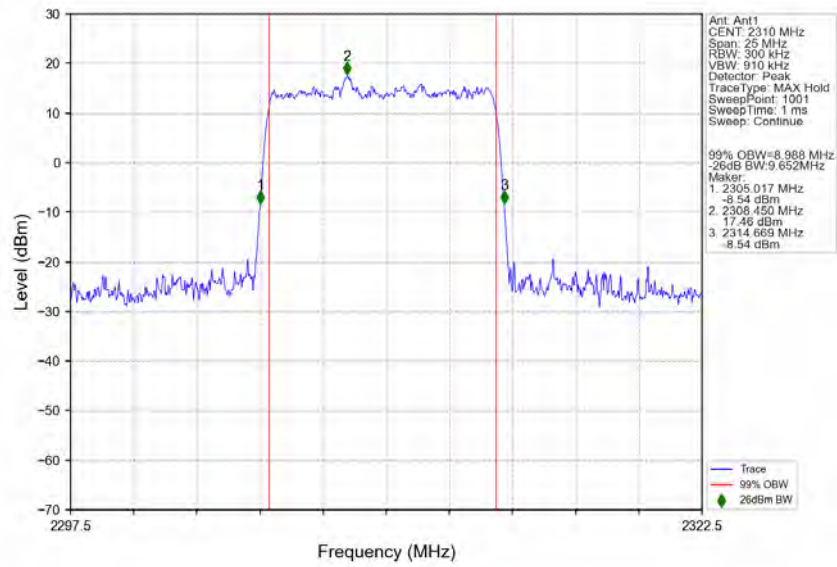
3.2.2 15k_SISO_10MHz_NTNV



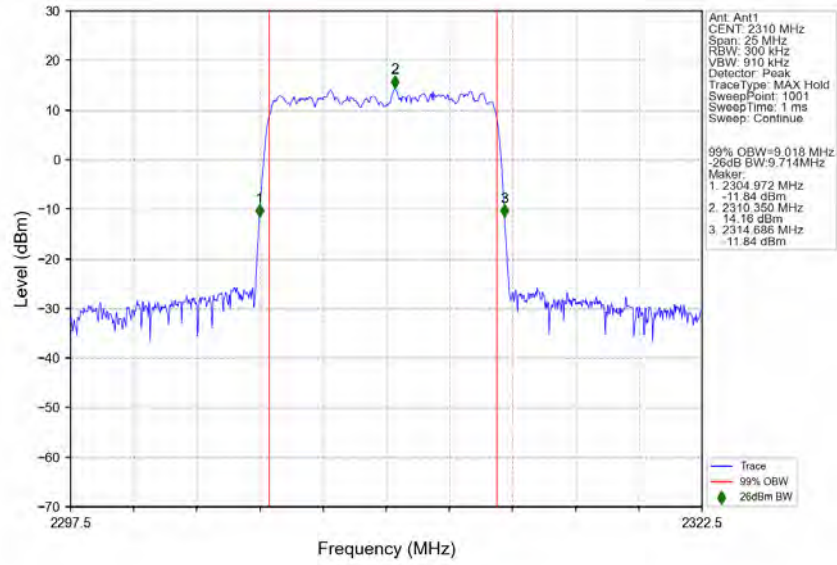
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2310MHz_Outer_Full_Ant1



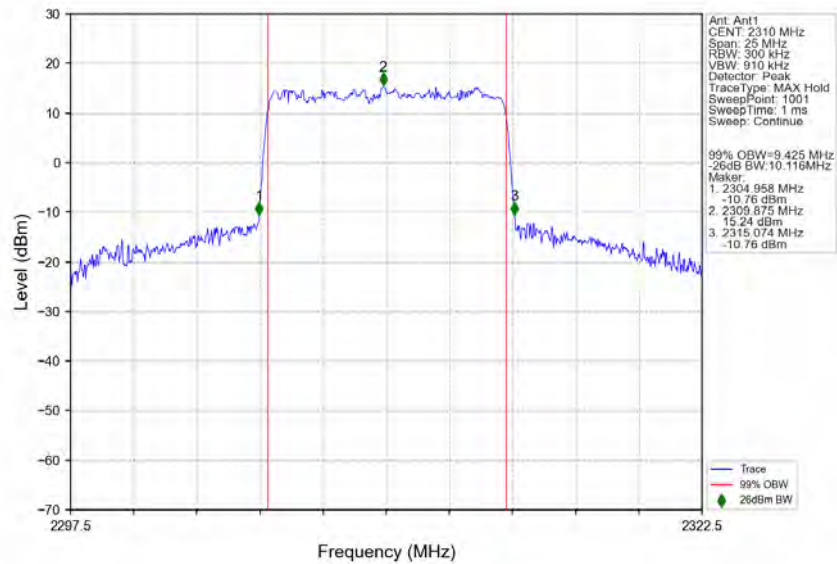
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2310MHz_Outer_Full_Ant1



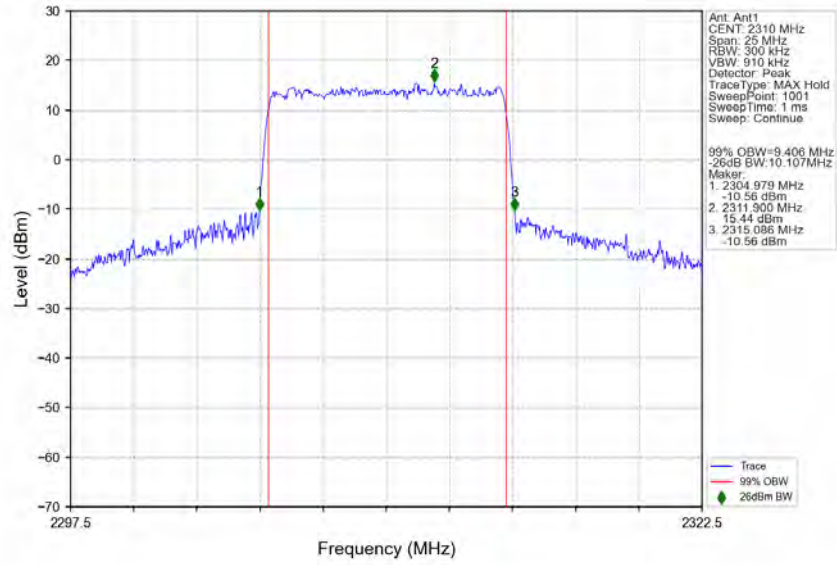
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 2310MHz_Outer_Full_Ant1



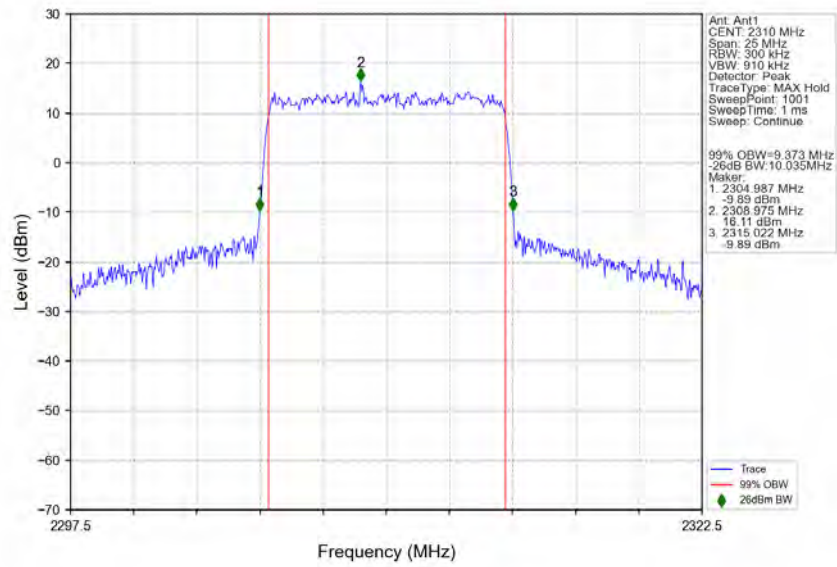
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 2310MHz_Outer_Full_Ant1



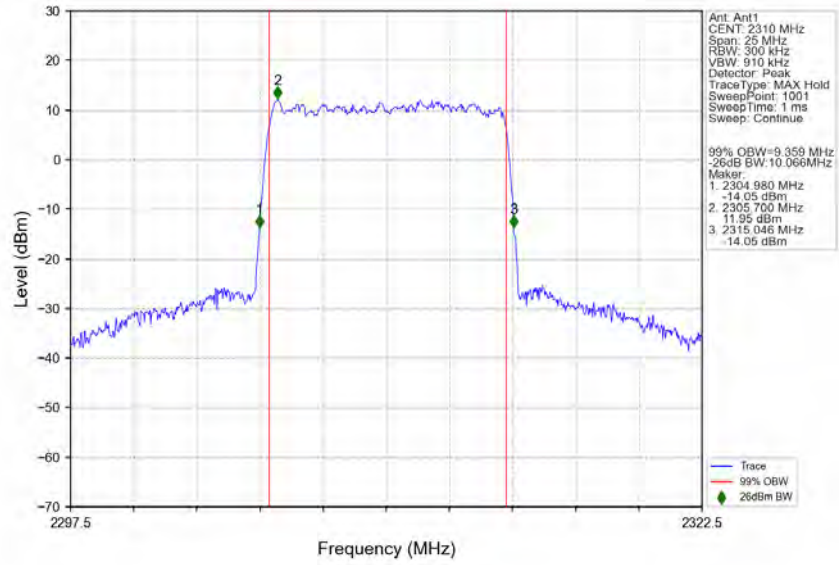
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2310MHz_Outer_Full_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2310MHz_Outer_Full_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2310MHz_Outer_Full_Ant1



4. Peak-Average Ratio

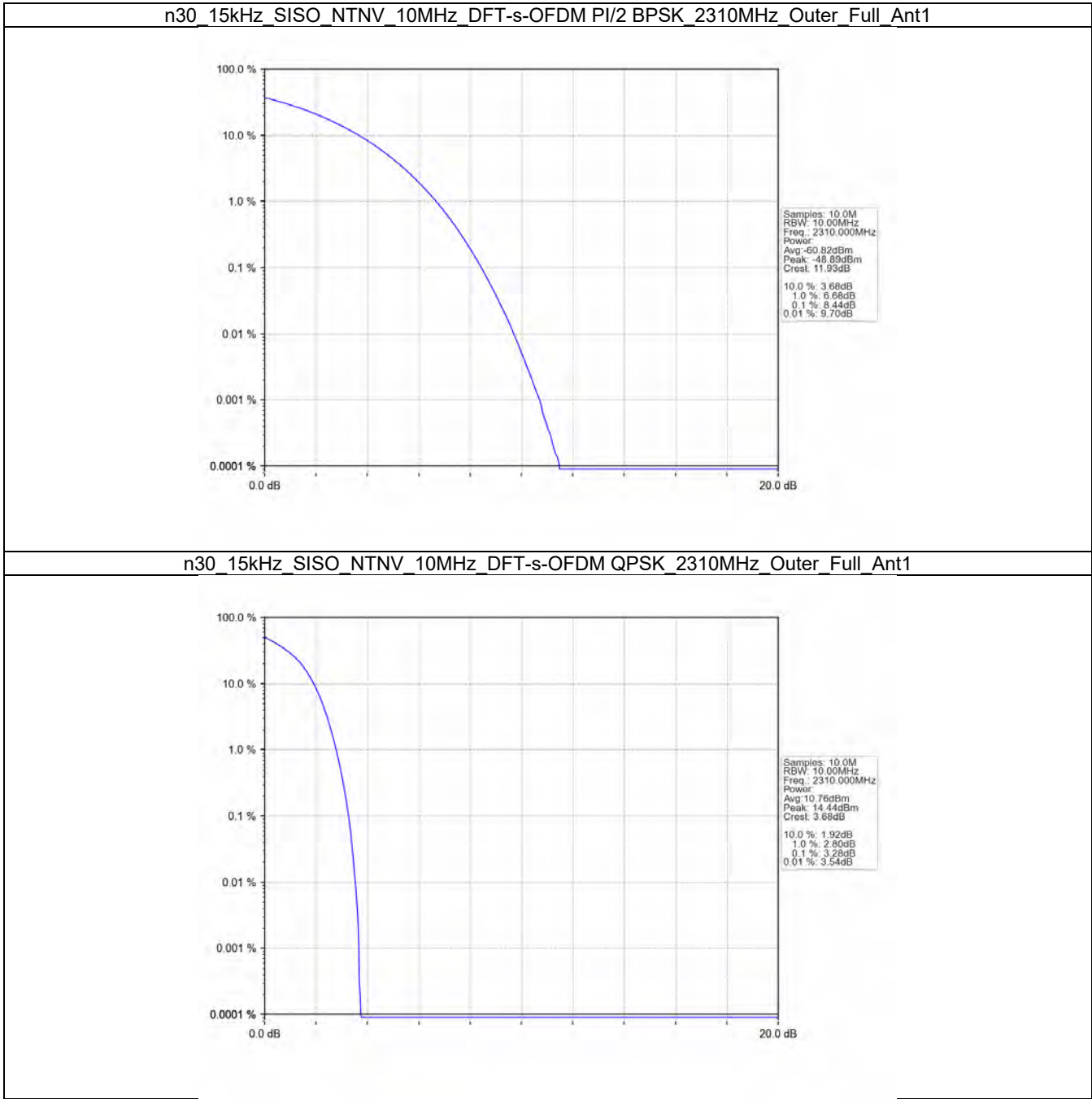
4.1 Test Result

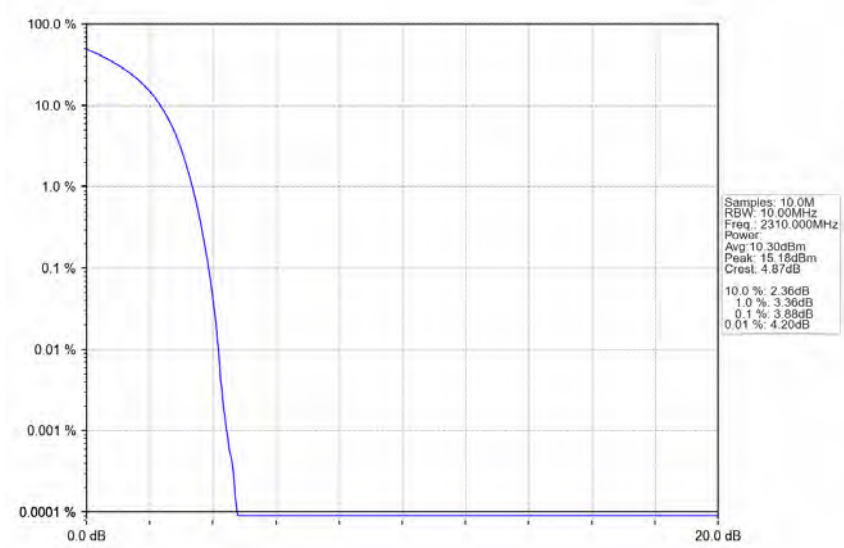
4.1.1 15k_SISO_10MHz_NTNV

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	8.44	/	/	<=13	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	3.28	/	/	<=13	Pass
CP-OFDM QPSK	2310	Outer_Full	3.88	/	/	<=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

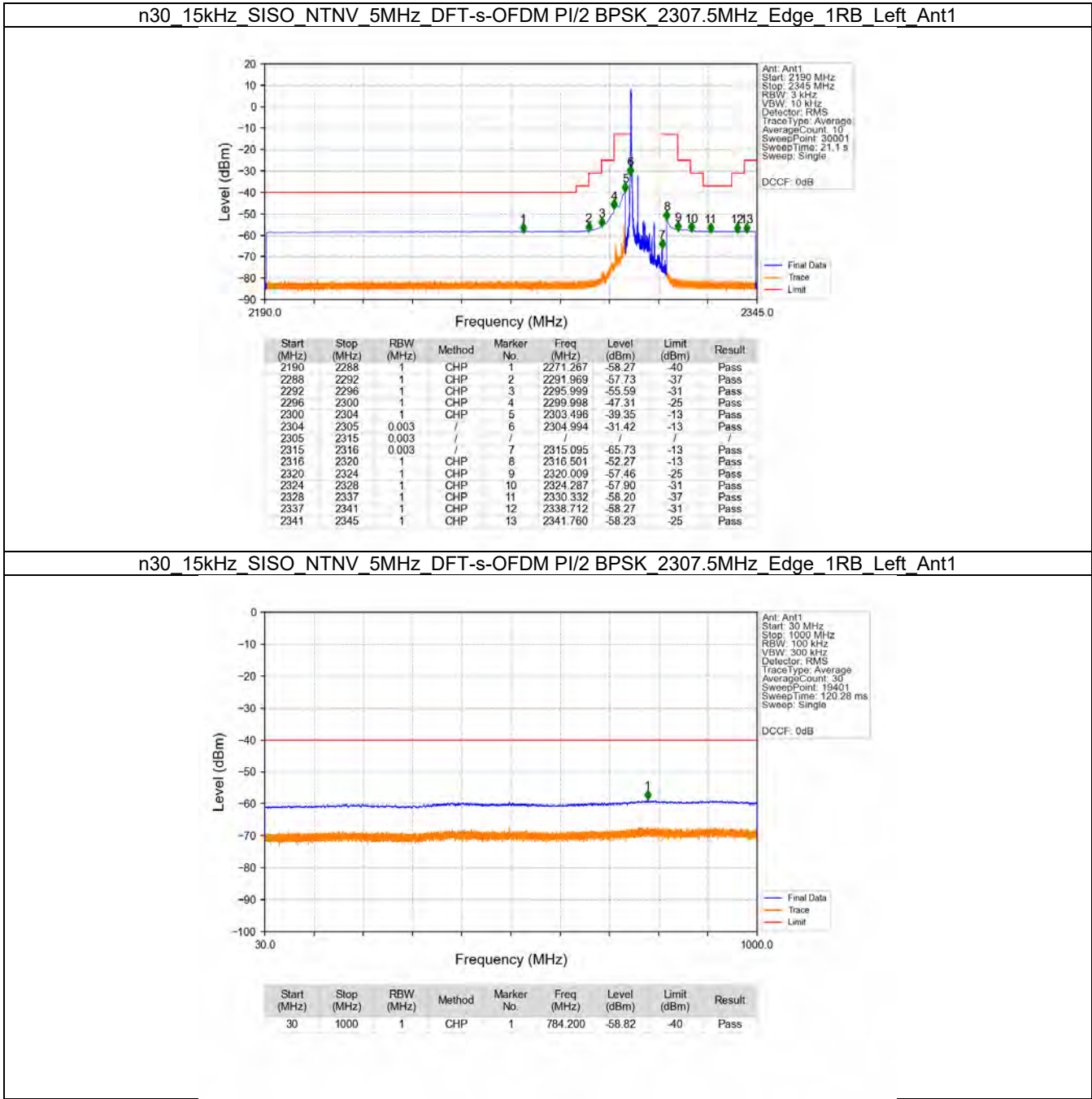
5G NR n30 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right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

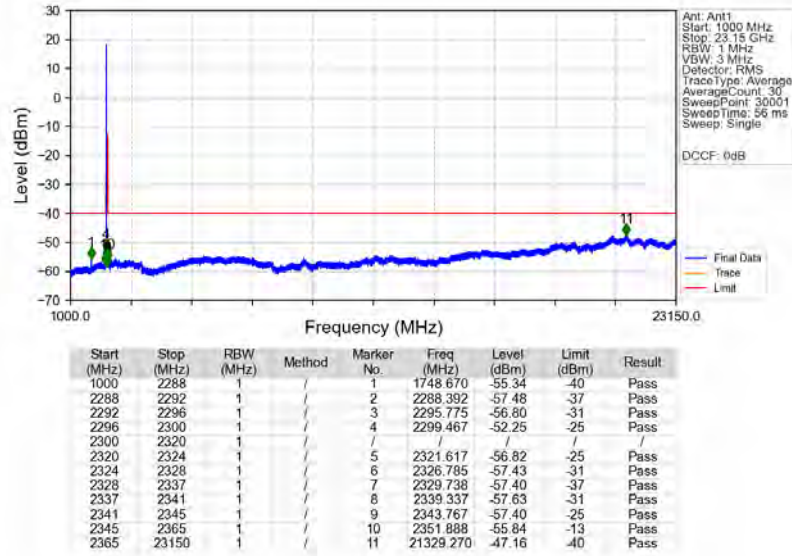
5G NR n30 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2310	Edge_1RB_Left	Refer To Test Graph	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

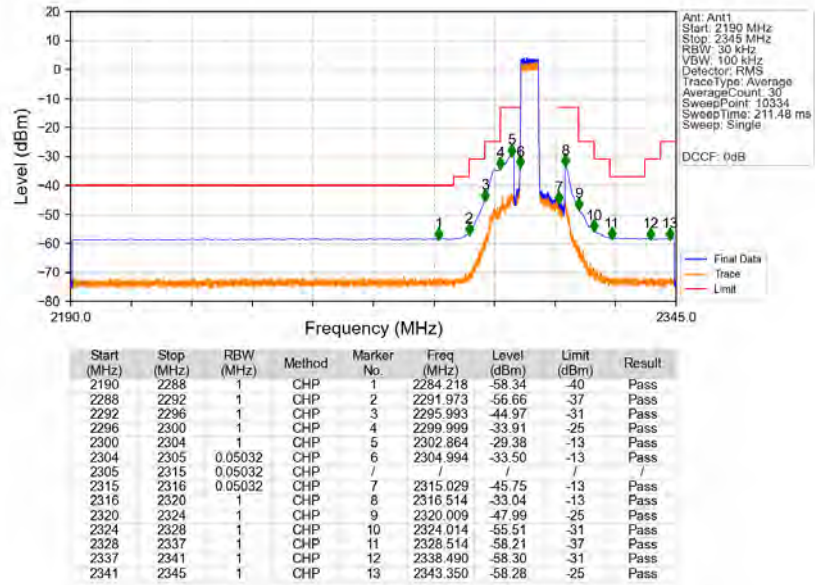
5.2.1 15k_SISO_5MHz_NTNV



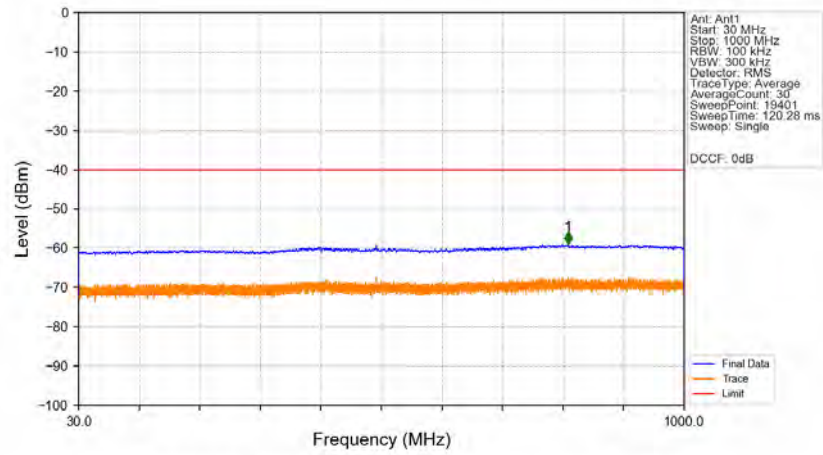
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Edge_1RB_Left_Ant1



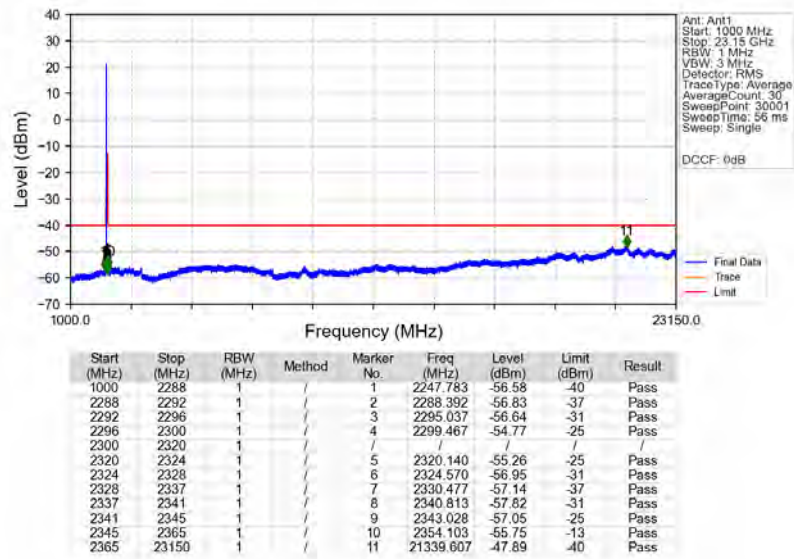
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2307.5MHz_Outer_Full_Ant1



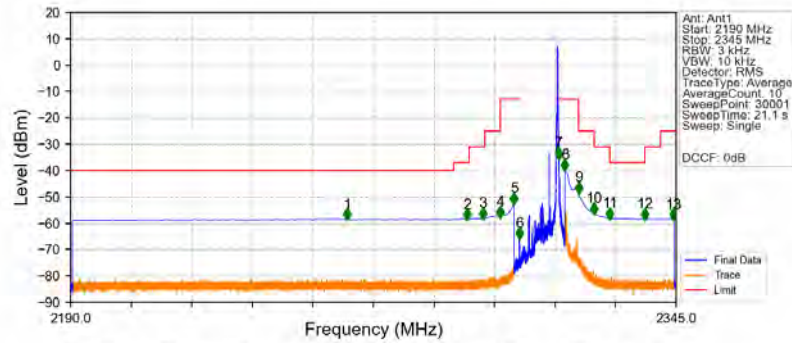
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



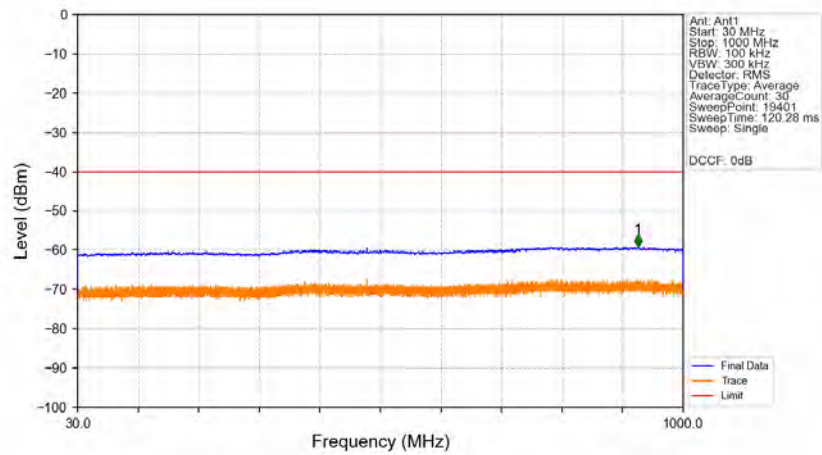
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



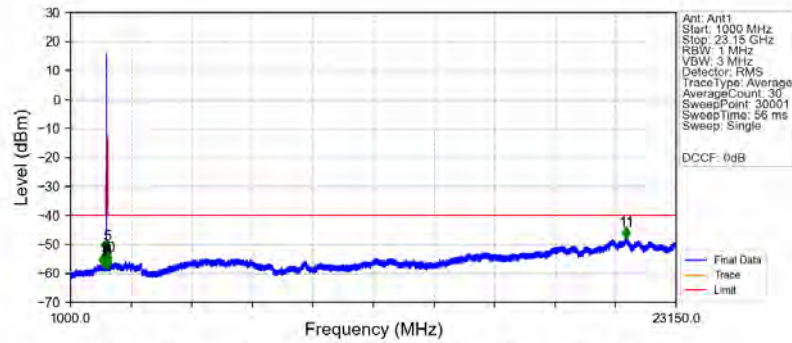
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1

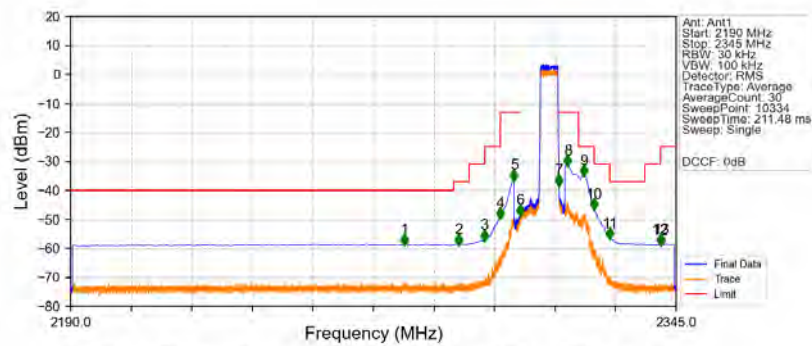


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Edge_1RB_Right_Ant1



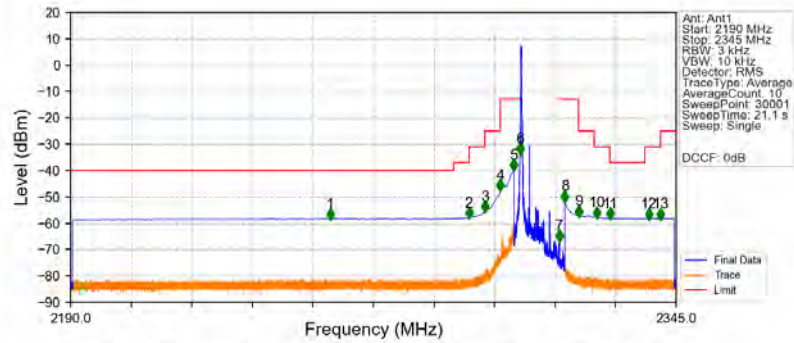
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2182.810	-56.95	-40	Pass
2288	2292	1	/	2	2289.130	-57.71	-37	Pass
2292	2296	1	/	3	2295.037	-57.67	-31	Pass
2296	2300	1	/	4	2298.728	-56.91	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-52.16	-25	Pass
2324	2328	1	/	6	2324.570	-57.20	-31	Pass
2328	2337	1	/	7	2331.215	-57.83	-37	Pass
2337	2341	1	/	8	2340.075	-57.86	-31	Pass
2341	2345	1	/	9	2343.028	-57.92	-25	Pass
2345	2365	1	/	10	2357.057	-56.27	-13	Pass
2365	23150	1	/	11	21324.840	-47.55	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2312.5MHz_Outer_Full_Ant1

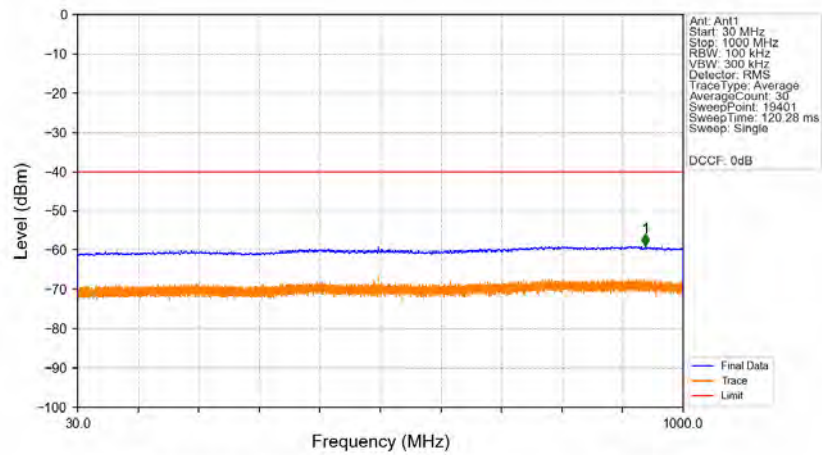


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2275.398	-58.52	-40	Pass
2288	2292	1	CHP	2	2289.333	-58.52	-37	Pass
2292	2296	1	CHP	3	2295.978	-57.04	-31	Pass
2296	2300	1	CHP	4	2299.969	-49.45	-25	Pass
2300	2304	1	CHP	5	2303.494	-36.40	-13	Pass
2304	2305	0.04954	CHP	6	2304.994	-48.49	-13	Pass
2305	2315	0.04954	CHP	/	/	/	/	/
2315	2316	0.04954	CHP	7	2315.014	-38.06	-13	Pass
2316	2320	1	CHP	8	2317.234	-31.32	-13	Pass
2320	2324	1	CHP	9	2321.389	-34.73	-25	Pass
2324	2328	1	CHP	10	2324.014	-46.35	-31	Pass
2328	2337	1	CHP	11	2328.004	-56.47	-37	Pass
2337	2341	1	CHP	12	2340.905	-58.88	-31	Pass
2341	2345	1	CHP	13	2341.175	-58.59	-25	Pass

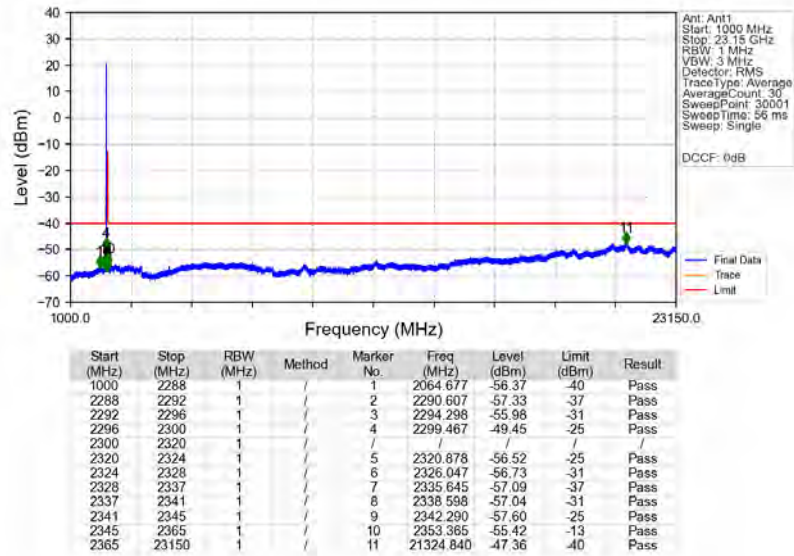
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



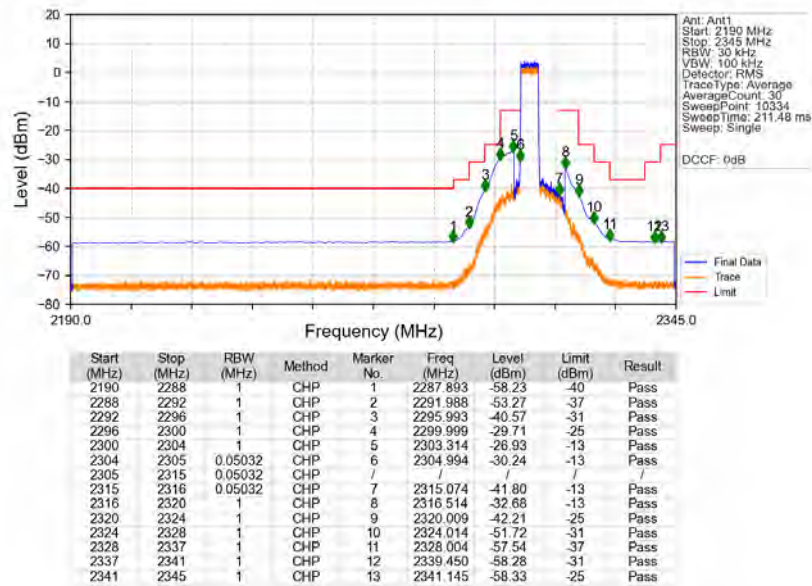
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



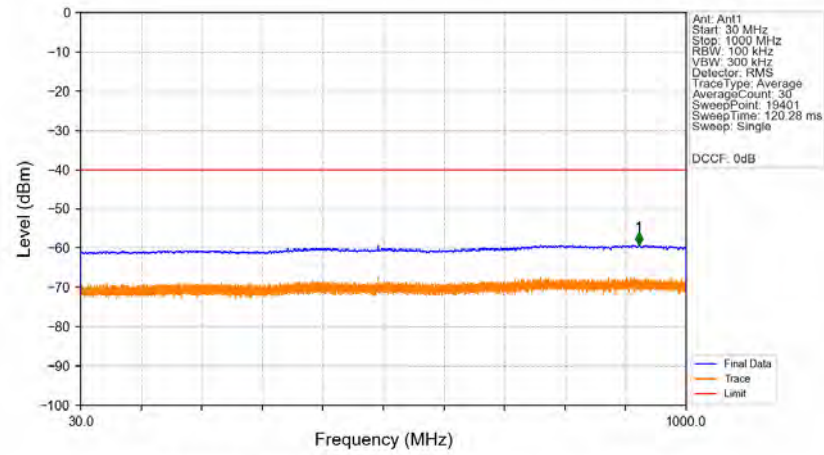
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2307.5MHz_Outer_Full_Ant1

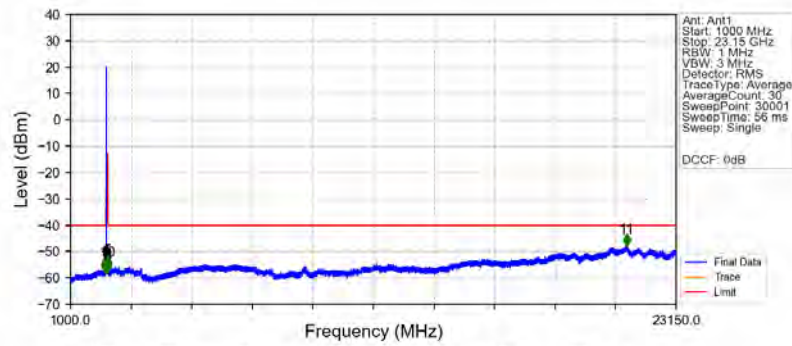


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



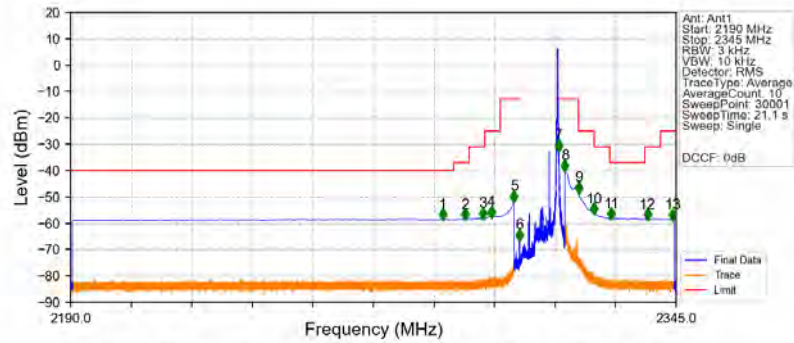
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	923.850	-59.14	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1

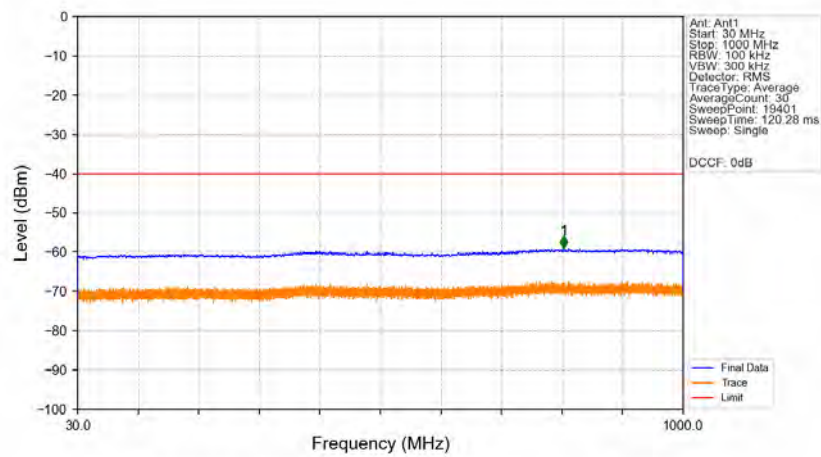


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2244.092	-56.85	-40	Pass
2288	2292	1	/	2	2288.392	-57.73	-37	Pass
2292	2296	1	/	3	2294.296	-56.31	-31	Pass
2296	2300	1	/	4	2298.728	-55.00	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-55.07	-25	Pass
2324	2328	1	/	6	2326.047	-57.40	-31	Pass
2328	2337	1	/	7	2336.383	-56.84	-37	Pass
2337	2341	1	/	8	2337.860	-56.63	-31	Pass
2341	2345	1	/	9	2341.552	-57.31	-25	Pass
2345	2365	1	/	10	2353.365	-55.94	-13	Pass
2365	23150	1	/	11	21338.130	-47.25	-40	Pass

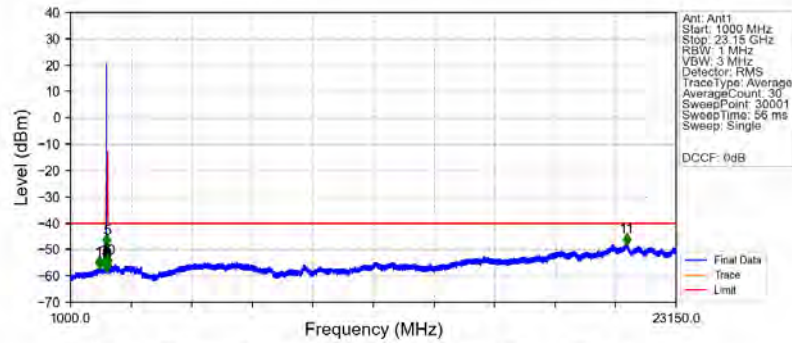
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1

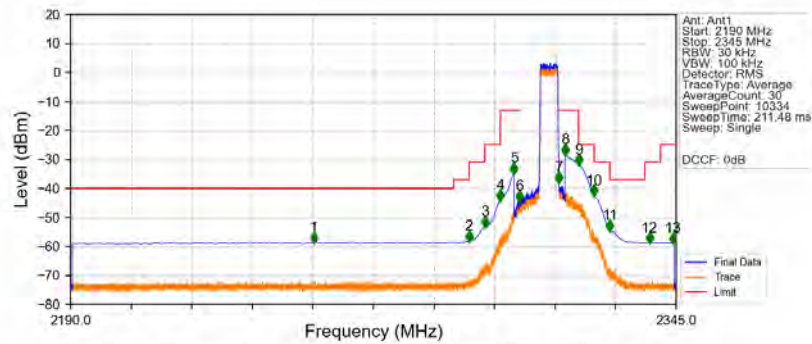


n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



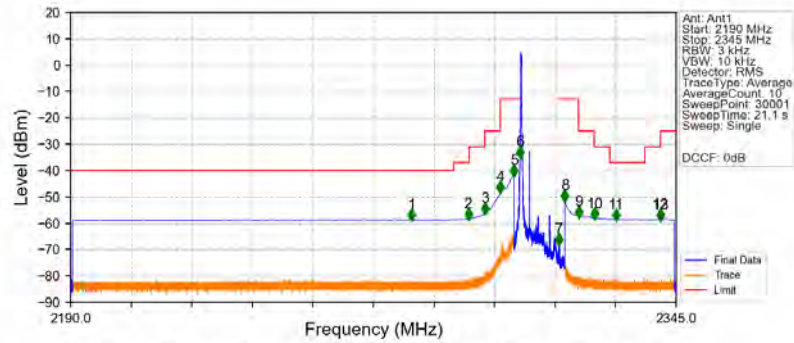
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2035.143	-56.65	-40	Pass
2288	2292	1	/	2	2291.345	-57.50	-37	Pass
2292	2296	1	/	3	2292.083	-57.05	-31	Pass
2296	2300	1	/	4	2297.252	-56.73	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-48.18	-25	Pass
2324	2328	1	/	6	2324.570	-55.98	-31	Pass
2328	2337	1	/	7	2330.477	-57.55	-37	Pass
2337	2341	1	/	8	2337.122	-57.32	-31	Pass
2341	2345	1	/	9	2342.290	-57.41	-25	Pass
2345	2365	1	/	10	2357.795	-55.99	-13	Pass
2365	23150	1	/	11	21341.083	-47.80	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2312.5MHz_Outer_Full_Ant1

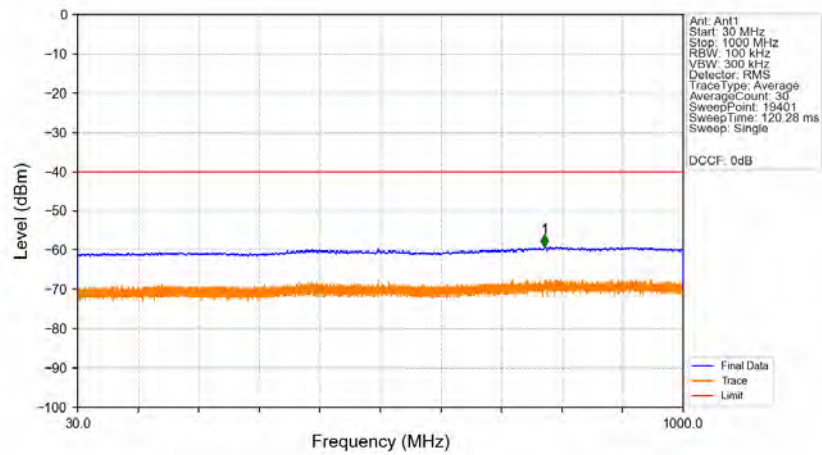


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2252.252	-58.60	-40	Pass
2288	2292	1	CHP	2	2291.988	-56.13	-37	Pass
2292	2296	1	CHP	3	2295.983	-53.19	-31	Pass
2296	2300	1	CHP	4	2299.999	-44.05	-25	Pass
2300	2304	1	CHP	5	2303.494	-34.55	-13	Pass
2304	2305	0.04999	CHP	6	2304.919	-44.33	-13	Pass
2305	2315	0.04999	CHP	/	/	/	/	/
2315	2316	0.04999	CHP	7	2315.014	-37.78	-13	Pass
2316	2320	1	CHP	8	2316.514	-28.19	-13	Pass
2320	2324	1	CHP	9	2320.009	-31.78	-25	Pass
2324	2328	1	CHP	10	2324.014	-42.44	-31	Pass
2328	2337	1	CHP	11	2328.004	-54.41	-37	Pass
2337	2341	1	CHP	12	2338.130	-58.72	-31	Pass
2341	2345	1	CHP	13	2344.220	-58.82	-25	Pass

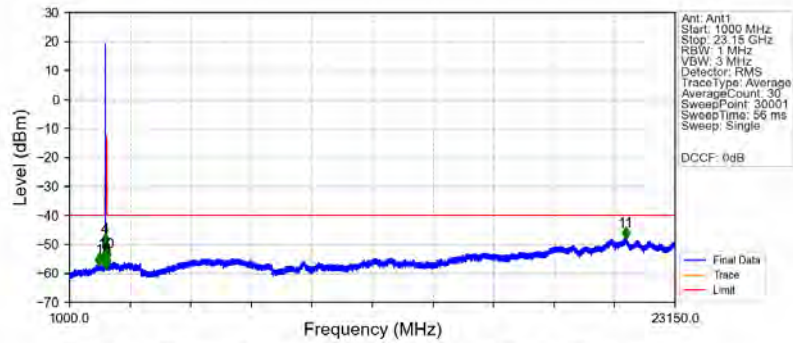
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



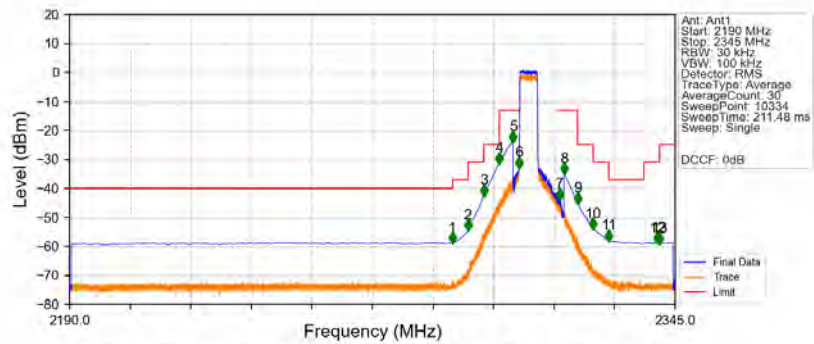
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



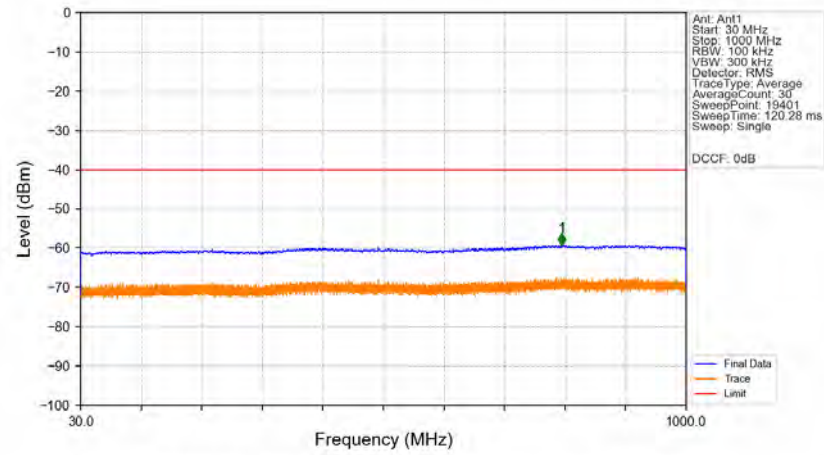
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2307.5MHz_Outer_Full_Ant1

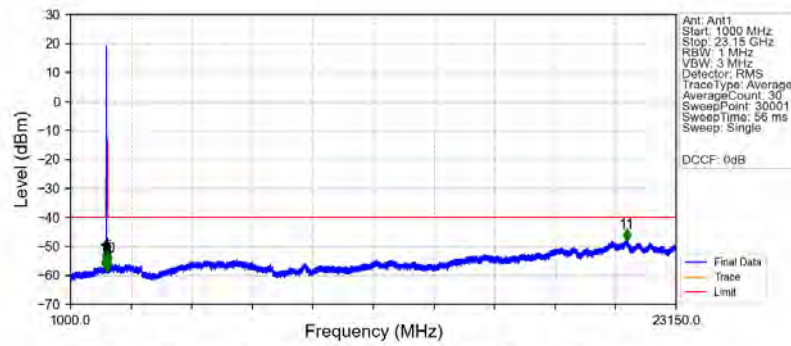


n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



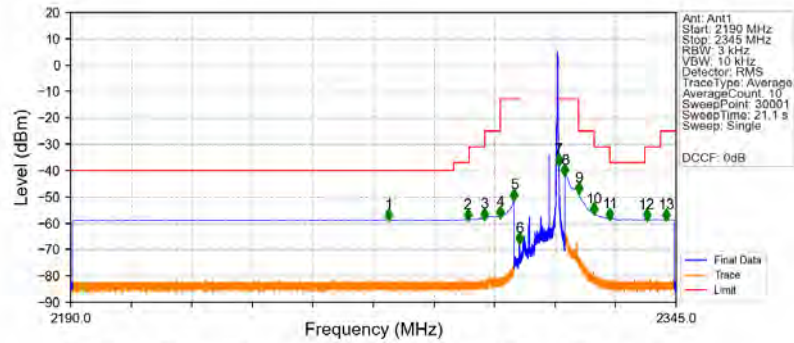
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	800.800	-59.26	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1

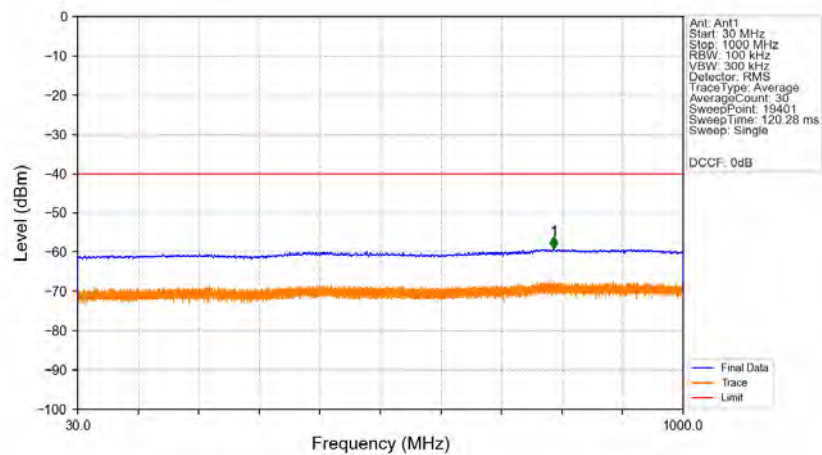


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2279.532	-56.88	-40	Pass
2288	2292	1	/	2	2289.130	-57.61	-37	Pass
2292	2296	1	/	3	2295.037	-57.00	-31	Pass
2296	2300	1	/	4	2299.467	-54.22	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-55.03	-25	Pass
2324	2328	1	/	6	2324.570	-56.54	-31	Pass
2328	2337	1	/	7	2330.477	-57.35	-37	Pass
2337	2341	1	/	8	2340.075	-57.96	-31	Pass
2341	2345	1	/	9	2344.505	-57.92	-25	Pass
2345	2365	1	/	10	2355.580	-55.63	-13	Pass
2365	23150	1	/	11	21338.868	-47.52	-40	Pass

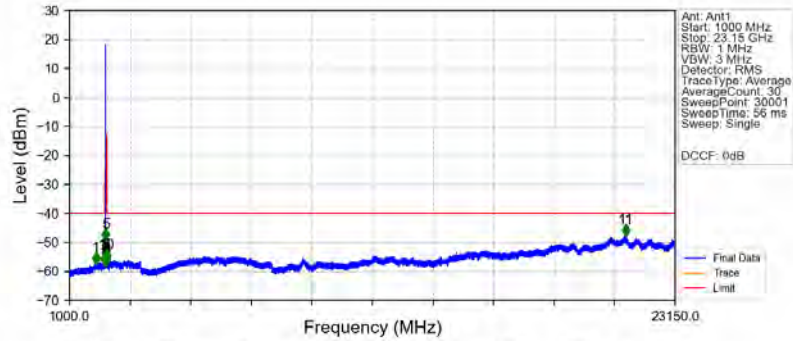
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



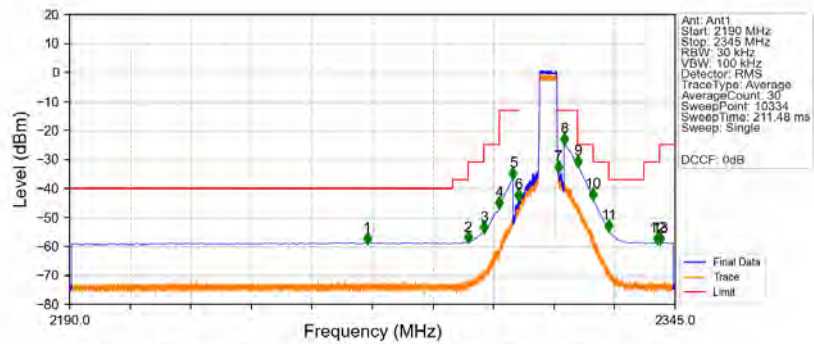
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



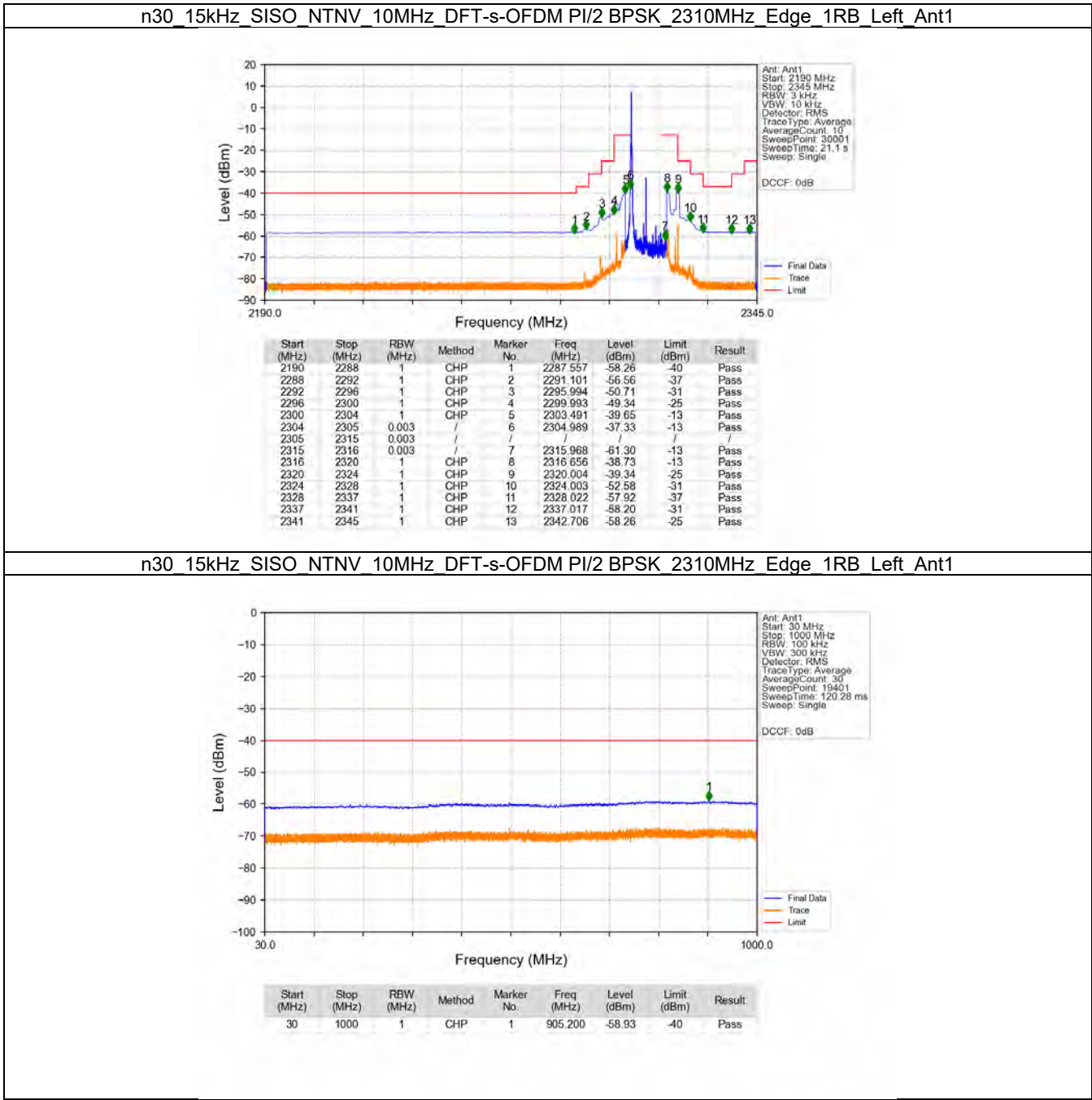
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Edge_1RB_Right_Ant1



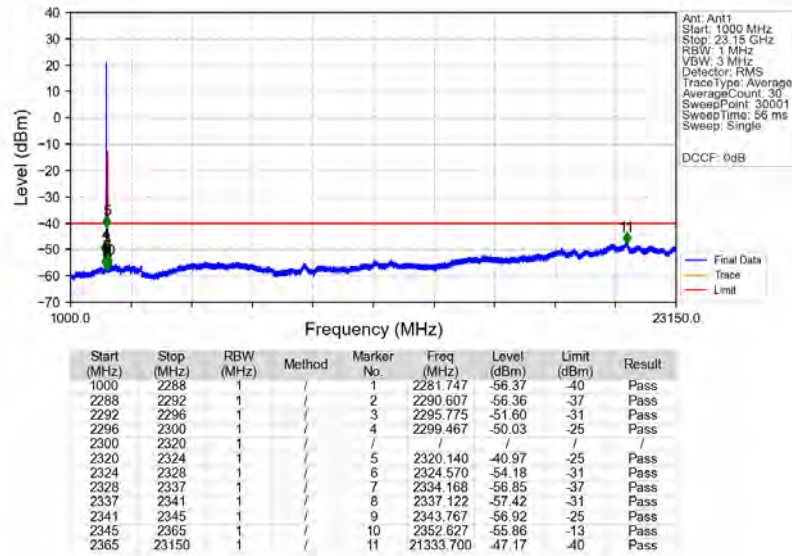
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2312.5MHz_Outer_Full_Ant1



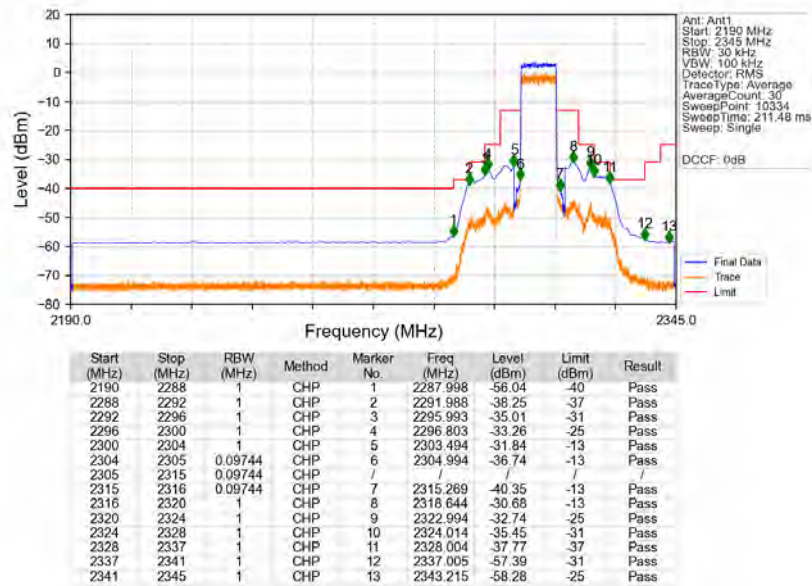
5.2.2 15k_SISO_10MHz_NTNV



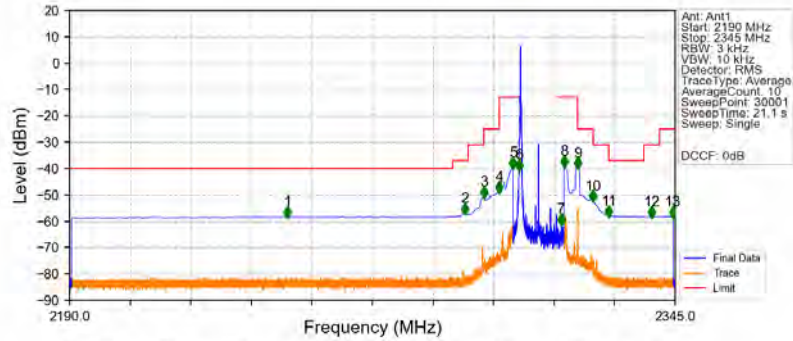
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2310MHz_Outer_Full_Ant1

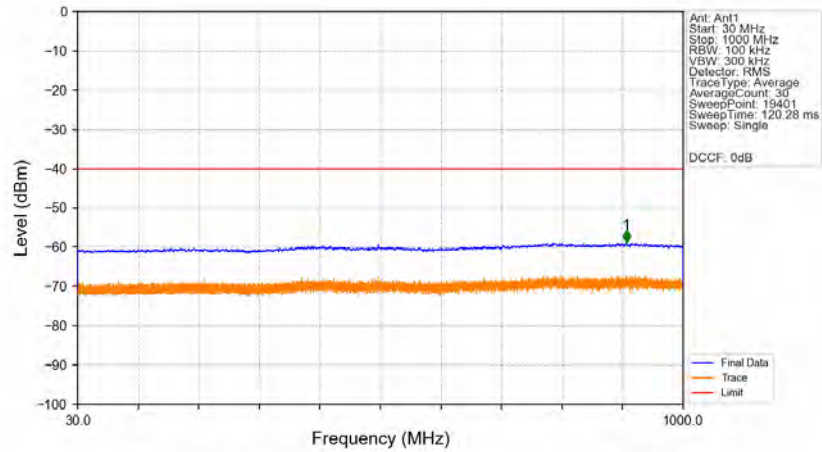


n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



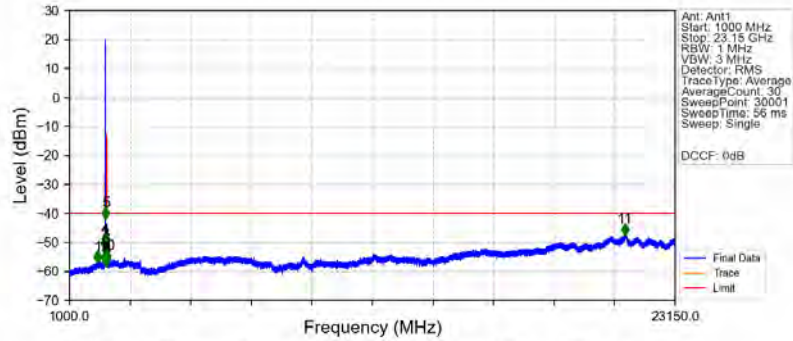
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2245.764	-58.27	-40	Pass
2288	2292	1	CHP	2	2291.132	-56.99	-37	Pass
2292	2296	1	CHP	3	2295.994	-50.62	-31	Pass
2296	2300	1	CHP	4	2299.998	-48.86	-25	Pass
2300	2304	1	CHP	5	2303.496	-39.50	-13	Pass
2304	2305	0.003	/	6	2304.994	-40.31	-13	Pass
2305	2315	0.003	/	/	/	/	/	/
2315	2316	0.003	/	7	2315.901	-61.01	-13	Pass
2316	2320	1	CHP	8	2316.671	-38.97	-13	Pass
2320	2324	1	CHP	9	2320.004	-39.69	-25	Pass
2324	2328	1	CHP	10	2324.003	-52.18	-31	Pass
2328	2337	1	CHP	11	2328.002	-57.93	-37	Pass
2337	2341	1	CHP	12	2338.965	-58.32	-31	Pass
2341	2345	1	CHP	13	2344.427	-58.27	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



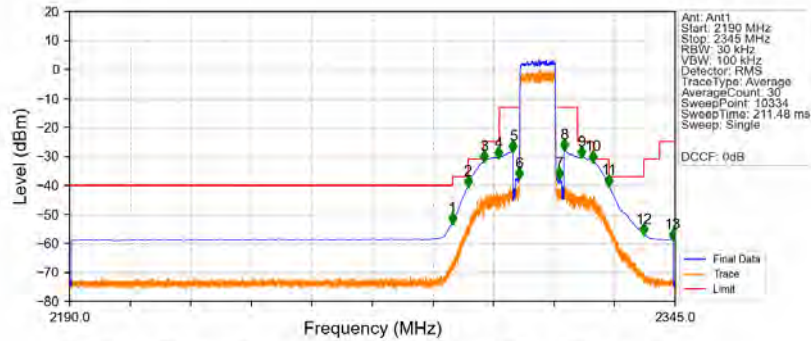
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	909.150	-58.82	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



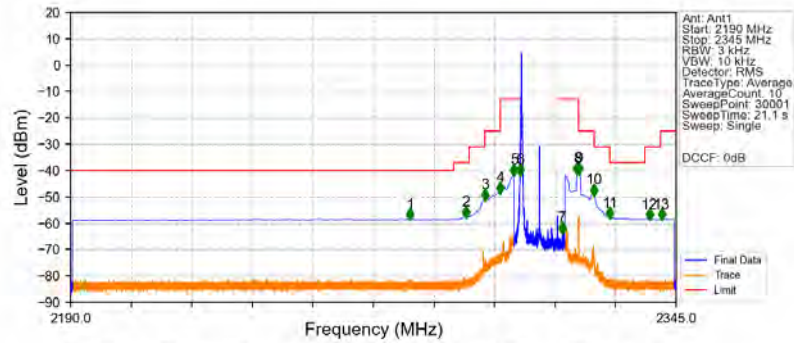
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2027.022	-56.58	-40	Pass
2288	2292	1	/	2	2291.345	-56.66	-37	Pass
2292	2296	1	/	3	2295.775	-52.13	-31	Pass
2296	2300	1	/	4	2299.467	-50.47	-25	Pass
2300	2320	1	/	/	/	/	/	/
2320	2324	1	/	5	2320.140	-41.46	-25	Pass
2324	2328	1	/	6	2324.570	-54.07	-31	Pass
2328	2337	1	/	7	2331.953	-57.28	-37	Pass
2337	2341	1	/	8	2340.813	-57.76	-31	Pass
2341	2345	1	/	9	2342.290	-57.12	-25	Pass
2345	2365	1	/	10	2359.272	-56.22	-13	Pass
2365	23150	1	/	11	21311.550	-47.16	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2310MHz_Outer_Full_Ant1



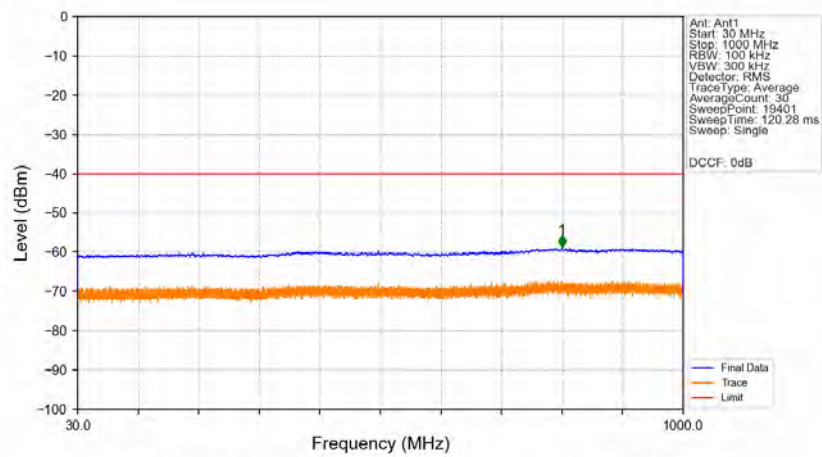
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.998	-52.97	-40	Pass
2288	2292	1	CHP	2	2291.988	-40.21	-37	Pass
2292	2296	1	CHP	3	2295.983	-31.52	-31	Pass
2296	2300	1	CHP	4	2299.789	-30.28	-25	Pass
2300	2304	1	CHP	5	2303.494	-28.08	-13	Pass
2304	2305	0.09715	CHP	6	2304.994	-37.46	-13	Pass
2305	2315	0.09715	CHP	/	/	/	/	/
2315	2316	0.09715	CHP	7	2315.404	-37.43	-13	Pass
2316	2320	1	CHP	8	2316.514	-27.62	-13	Pass
2320	2324	1	CHP	9	2321.044	-30.04	-25	Pass
2324	2328	1	CHP	10	2324.014	-31.67	-31	Pass
2328	2337	1	CHP	11	2328.004	-39.87	-37	Pass
2337	2341	1	CHP	12	2337.005	-56.73	-31	Pass
2341	2345	1	CHP	13	2344.400	-58.56	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



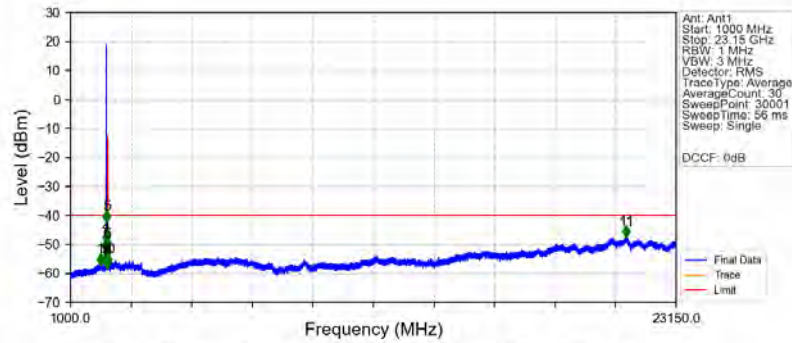
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2276.929	-58.46	-40	Pass
2288	2292	1	CHP	2	2291.169	-57.43	-37	Pass
2292	2296	1	CHP	3	2295.999	-50.87	-31	Pass
2296	2300	1	CHP	4	2299.993	-48.21	-25	Pass
2300	2304	1	CHP	5	2303.496	-41.37	-13	Pass
2304	2305	0.003	/	6	2304.989	-41.41	-13	Pass
2305	2315	0.003	/	/	/	/	/	/
2315	2316	0.003	/	7	2315.788	-63.49	-13	Pass
2316	2320	1	CHP	8	2319.616	-40.84	-13	Pass
2320	2324	1	CHP	9	2320.004	-40.97	-25	Pass
2324	2328	1	CHP	10	2324.003	-48.98	-31	Pass
2328	2337	1	CHP	11	2328.007	-57.92	-37	Pass
2337	2341	1	CHP	12	2338.159	-58.40	-31	Pass
2341	2345	1	CHP	13	2341.296	-58.44	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1

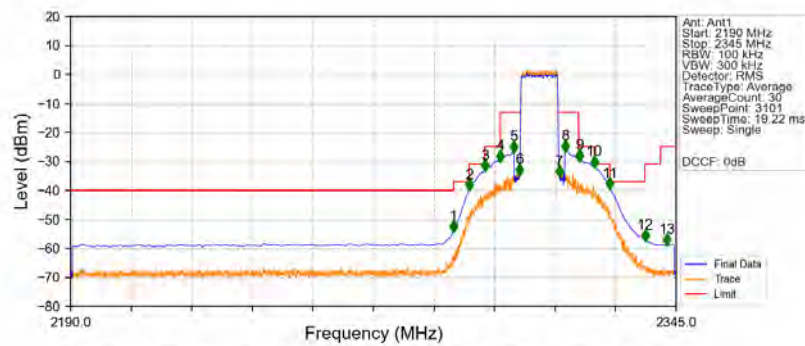


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	805.750	-58.83	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Edge_1RB_Left_Ant1



n30_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2310MHz_Outer_Full_Ant1



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	3722	42.96	-45.59	28.96	-68.94	-40.00	28.94	Horizontal
2	4838.5	43.79	-45.54	31.14	-65.86	-40.00	25.86	Horizontal
3	5794.5	42.73	-44.76	32.36	-64.93	-40.00	24.93	Horizontal
4	6951.5	42.95	-43.82	34.91	-61.21	-40.00	21.21	Horizontal
5	8016.5	40.41	-42.19	37.09	-59.95	-40.00	19.95	Horizontal
6	10761	34.85	-38.33	38.58	-60.16	-40.00	20.16	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4611	45.70	-45.66	30.78	-64.44	-40.00	24.44	Vertical
2	5678.5	42.94	-44.90	32.34	-64.88	-40.00	24.88	Vertical
3	6948.5	42.08	-43.83	34.91	-62.11	-40.00	22.11	Vertical
4	8373	40.01	-41.60	36.88	-59.98	-40.00	19.98	Vertical
5	9221.5	43.09	-40.24	36.94	-55.47	-40.00	15.47	Vertical
6	10661	34.90	-38.11	38.57	-59.90	-40.00	19.90	Vertical

Test Band = SA Band30-5M_ 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	4682.5	43.85	-45.61	30.89	-66.13	-40.00	26.13	Horizontal
2	6148	43.57	-44.60	32.90	-63.39	-40.00	23.39	Horizontal
3	7804	40.23	-42.33	36.83	-60.53	-40.00	20.53	Horizontal
4	8435	39.89	-41.51	36.84	-60.04	-40.00	20.04	Horizontal
5	9620	37.55	-39.62	37.74	-59.59	-40.00	19.59	Horizontal
6	10700.5	34.33	-37.88	38.57	-60.24	-40.00	20.24	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4560	44.23	-45.69	30.70	-66.02	-40.00	26.02	Vertical
2	5981.5	42.56	-44.86	32.40	-65.16	-40.00	25.16	Vertical
3	6957.5	42.09	-43.78	34.92	-62.03	-40.00	22.03	Vertical
4	7873	41.17	-42.68	36.92	-59.85	-40.00	19.85	Vertical
5	9221.5	42.20	-40.24	36.94	-56.36	-40.00	16.36	Vertical
6	11812	33.45	-36.96	39.01	-59.76	-40.00	19.76	Vertical

Test Band = SA Band30-5M_ 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	4528	43.93	-45.70	30.64	-66.38	-40.00	26.38	Horizontal
2	5574.5	42.99	-45.11	32.31	-65.07	-40.00	25.07	Horizontal
3	6652.5	41.52	-44.07	34.37	-63.43	-40.00	23.43	Horizontal
4	7378.5	41.78	-43.48	36.06	-60.90	-40.00	20.90	Horizontal
5	8899.5	39.26	-41.24	36.56	-60.68	-40.00	20.68	Horizontal
6	10269	36.71	-39.22	38.53	-59.24	-40.00	19.24	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4058	43.67	-45.88	29.54	-67.93	-40.00	27.93	Vertical
2	5500.5	43.45	-45.24	32.30	-64.75	-40.00	24.75	Vertical
3	6951.5	42.07	-43.82	34.91	-62.09	-40.00	22.09	Vertical
4	7630	40.87	-42.99	36.58	-60.80	-40.00	20.80	Vertical
5	9231.5	42.32	-40.24	36.96	-56.22	-40.00	16.22	Vertical
6	10100	36.14	-39.12	38.51	-59.73	-40.00	19.73	Vertical

Test Band = SA Band30-5M_ 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	4269	43.24	-45.61	30.05	-67.59	-40.00	27.59	Horizontal
2	5603	43.96	-45.06	32.32	-64.04	-40.00	24.04	Horizontal
3	6267.5	43.46	-44.61	33.31	-63.10	-40.00	23.10	Horizontal
4	6929.5	42.45	-43.94	34.87	-61.87	-40.00	21.87	Horizontal
5	7840	41.10	-42.51	36.88	-59.80	-40.00	19.80	Horizontal
6	9574	39.21	-39.82	37.65	-58.22	-40.00	18.22	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4395	43.21	-45.81	30.35	-67.51	-40.00	27.51	Vertical
2	6931	42.62	-43.93	34.88	-61.69	-40.00	21.69	Vertical
3	8028	40.41	-42.07	37.08	-59.84	-40.00	19.84	Vertical
4	9241.5	42.58	-40.24	36.98	-55.93	-40.00	15.93	Vertical
5	11185	33.51	-37.48	38.69	-60.53	-40.00	20.53	Vertical
6	13600	33.73	-36.08	40.24	-57.37	-40.00	17.37	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	3940	43.14	-46.18	29.30	-69.00	-40.00	29.00	Horizontal
2	5634	42.66	-45.00	32.33	-65.27	-40.00	25.27	Horizontal
3	7825	40.24	-42.44	36.86	-60.60	-40.00	20.60	Horizontal
4	9513	37.86	-40.16	37.53	-60.03	-40.00	20.03	Horizontal
5	12002.5	34.42	-37.62	39.10	-59.36	-40.00	19.36	Horizontal
6	13414.5	32.93	-36.41	39.98	-58.76	-40.00	18.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4480.5	42.77	-45.73	30.55	-67.67	-40.00	27.67	Vertical
2	5644.5	42.44	-44.97	32.33	-65.46	-40.00	25.46	Vertical
3	6987	41.42	-43.62	34.98	-62.48	-40.00	22.48	Vertical
4	8042	40.15	-41.93	37.07	-59.97	-40.00	19.97	Vertical
5	10103	36.09	-39.13	38.51	-59.79	-40.00	19.79	Vertical
6	12779	33.98	-36.80	39.33	-58.74	-40.00	18.74	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	4504	43.28	-45.71	30.61	-67.08	-40.00	27.08	Horizontal
2	5713.5	42.47	-44.84	32.34	-65.28	-40.00	25.28	Horizontal
3	6960	41.15	-43.77	34.93	-62.95	-40.00	22.95	Horizontal
4	8082	39.00	-41.54	37.05	-60.75	-40.00	20.75	Horizontal
5	10075.5	35.86	-39.15	38.51	-60.04	-40.00	20.04	Horizontal
6	12085.5	34.09	-37.38	39.13	-59.43	-40.00	19.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4407	42.95	-45.81	30.38	-67.75	-40.00	27.75	Vertical
2	5292.5	43.10	-45.10	31.93	-65.34	-40.00	25.34	Vertical
3	6265.5	42.85	-44.62	33.30	-63.72	-40.00	23.72	Vertical
4	7564	40.38	-43.01	36.49	-61.40	-40.00	21.40	Vertical
5	10319	36.11	-39.07	38.53	-59.69	-40.00	19.69	Vertical
6	12708	33.45	-36.69	39.31	-59.19	-40.00	19.19	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	3775	43.17	-45.82	29.04	-68.87	-40.00	28.87	Horizontal
2	4715	43.85	-45.59	30.94	-66.06	-40.00	26.06	Horizontal
3	6112	42.86	-44.49	32.78	-64.11	-40.00	24.11	Horizontal
4	7593.5	40.42	-42.94	36.53	-61.25	-40.00	21.25	Horizontal
5	9523.5	38.26	-40.10	37.55	-59.55	-40.00	19.55	Horizontal
6	12147	34.06	-37.41	39.14	-59.47	-40.00	19.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4070	43.13	-45.84	29.57	-68.41	-40.00	28.41	Vertical
2	5498.5	42.67	-45.24	32.30	-65.53	-40.00	25.53	Vertical
3	6809	41.88	-44.16	34.66	-62.89	-40.00	22.89	Vertical
4	8811.5	38.82	-41.25	36.61	-61.08	-40.00	21.08	Vertical
5	12184	33.85	-37.47	39.16	-59.72	-40.00	19.72	Vertical
6	13597	33.83	-36.11	40.24	-57.30	-40.00	17.30	Vertical