1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	24.47	4.00	28.47	<=33.01	Pass
			2	24.53	4.00	28.53	<=33.01	Pass
			5	24.46	4.00	28.46	<=33.01	Pass
		3	0	24.54	4.00	28.54	<=33.01	Pass
			2	24.58	4.00	28.58	<=33.01	Pass
			3	24.52	4.00	28.52	<=33.01	Pass
		6	0	23.56	4.00	27.56	<=33.01	Pass
	1882.5	1	0	24.50	4.00	28.50	<=33.01	Pass
			2	24.62	4.00	28.62	<=33.01	Pass
			5	24.48	4.00	28.48	<=33.01	Pass
		3	0	24.56	4.00	28.56	<=33.01	Pass
			2	24.59	4.00	28.59	<=33.01	Pass
			3	24.59	4.00	28.59	<=33.01	Pass
		6	0	23.56	4.00	27.56	<=33.01	Pass
	1914.3	1	0	24.50	4.00	28.50	<=33.01	Pass
			2	24.58	4.00	28.58	<=33.01	Pass
			5	24.49	4.00	28.49	<=33.01	Pass
		3	0	24.60	4.00	28.60	<=33.01	Pass
			2	24.63	4.00	28.63	<=33.01	Pass
			3	24.57	4.00	28.57	<=33.01	Pass
		6	0	23.61	4.00	27.61	<=33.01	Pass
16QAM	1850.7	1	0	23.61	4.00	27.61	<=33.01	Pass
			2	23.73	4.00	27.73	<=33.01	Pass
			5	23.61	4.00	27.61	<=33.01	Pass
		3	0	23.51	4.00	27.51	<=33.01	Pass
			2	23.52	4.00	27.52	<=33.01	Pass
			3	23.52	4.00	27.52	<=33.01	Pass
		6	0	22.55	4.00	26.55	<=33.01	Pass
	1882.5	1	0	23.55	4.00	27.55	<=33.01	Pass
			2	23.60	4.00	27.60	<=33.01	Pass
			5	23.52	4.00	27.52	<=33.01	Pass
		3	0	23.62	4.00	27.62	<=33.01	Pass
			2	23.62	4.00	27.62	<=33.01	Pass
			3	23.62	4.00	27.62	<=33.01	Pass
		6	0	22.49	4.00	26.49	<=33.01	Pass
	1914.3	1	0	23.49	4.00	27.49	<=33.01	Pass
			2	23.59	4.00	27.59	<=33.01	Pass
			5	23.47	4.00	27.47	<=33.01	Pass
		3	0	23.72	4.00	27.72	<=33.01	Pass
			2	23.75	4.00	27.75	<=33.01	Pass
			3	23.71	4.00	27.71	<=33.01	Pass
		6	0	22.59	4.00	26.59	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	24.52	4.00	28.52	<=33.01	Pass
			7	24.62	4.00	28.62	<=33.01	Pass
			14	24.45	4.00	28.45	<=33.01	Pass
		8	0	23.49	4.00	27.49	<=33.01	Pass
			4	23.54	4.00	27.54	<=33.01	Pass
			7	23.47	4.00	27.47	<=33.01	Pass
		15	0	23.49	4.00	27.49	<=33.01	Pass
	1882.5	1	0	24.57	4.00	28.57	<=33.01	Pass
			7	24.72	4.00	28.72	<=33.01	Pass
			14	24.48	4.00	28.48	<=33.01	Pass
		8	0	23.60	4.00	27.60	<=33.01	Pass
			4	23.62	4.00	27.62	<=33.01	Pass
			7	23.55	4.00	27.55	<=33.01	Pass
		15	0	23.55	4.00	27.55	<=33.01	Pass
	1913.5	1	0	24.60	4.00	28.60	<=33.01	Pass
			7	24.77	4.00	28.77	<=33.01	Pass
			14	24.60	4.00	28.60	<=33.01	Pass
		8	0	23.59	4.00	27.59	<=33.01	Pass
			4	23.64	4.00	27.64	<=33.01	Pass
			7	23.59	4.00	27.59	<=33.01	Pass
		15	0	23.57	4.00	27.57	<=33.01	Pass
16QAM	1851.5	1	0	24.07	4.00	28.07	<=33.01	Pass
			7	24.19	4.00	28.19	<=33.01	Pass
			14	24.00	4.00	28.00	<=33.01	Pass
		8	0	22.69	4.00	26.69	<=33.01	Pass
			4	22.69	4.00	26.69	<=33.01	Pass
			7	22.64	4.00	26.64	<=33.01	Pass
		15	0	22.53	4.00	26.53	<=33.01	Pass
	1882.5	1	0	23.74	4.00	27.74	<=33.01	Pass
			7	23.87	4.00	27.87	<=33.01	Pass
			14	23.65	4.00	27.65	<=33.01	Pass
		8	0	22.56	4.00	26.56	<=33.01	Pass
			4	22.59	4.00	26.59	<=33.01	Pass
			7	22.51	4.00	26.51	<=33.01	Pass
		15	0	22.50	4.00	26.50	<=33.01	Pass
	1913.5	1	0	23.57	4.00	27.57	<=33.01	Pass
			7	23.77	4.00	27.77	<=33.01	Pass
			14	23.56	4.00	27.56	<=33.01	Pass
		8	0	22.62	4.00	26.62	<=33.01	Pass
			4	22.70	4.00	26.70	<=33.01	Pass
			7	22.64	4.00	26.64	<=33.01	Pass
		15	0	22.61	4.00	26.61	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	24.39	4.00	28.39	<=33.01	Pass
			13	24.54	4.00	28.54	<=33.01	Pass
			24	24.35	4.00	28.35	<=33.01	Pass
		12	0	23.53	4.00	27.53	<=33.01	Pass
			6	23.53	4.00	27.53	<=33.01	Pass
			13	23.45	4.00	27.45	<=33.01	Pass
		25	0	23.47	4.00	27.47	<=33.01	Pass
	1882.5	1	0	24.53	4.00	28.53	<=33.01	Pass
			13	24.59	4.00	28.59	<=33.01	Pass
			24	24.39	4.00	28.39	<=33.01	Pass
		12	0	23.60	4.00	27.60	<=33.01	Pass
			6	23.59	4.00	27.59	<=33.01	Pass
			13	23.50	4.00	27.50	<=33.01	Pass
		25	0	23.56	4.00	27.56	<=33.01	Pass
	1912.5	1	0	24.42	4.00	28.42	<=33.01	Pass
			13	24.62	4.00	28.62	<=33.01	Pass
			24	24.48	4.00	28.48	<=33.01	Pass
		12	0	23.53	4.00	27.53	<=33.01	Pass
			6	23.63	4.00	27.63	<=33.01	Pass
			13	23.62	4.00	27.62	<=33.01	Pass
		25	0	23.56	4.00	27.56	<=33.01	Pass
16QAM	1852.5	1	0	23.29	4.00	27.29	<=33.01	Pass
			13	23.40	4.00	27.40	<=33.01	Pass
			24	23.22	4.00	27.22	<=33.01	Pass
		12	0	22.49	4.00	26.49	<=33.01	Pass
			6	22.49	4.00	26.49	<=33.01	Pass
			13	22.44	4.00	26.44	<=33.01	Pass
		25	0	22.50	4.00	26.50	<=33.01	Pass
	1882.5	1	0	23.75	4.00	27.75	<=33.01	Pass
			13	23.83	4.00	27.83	<=33.01	Pass
			24	23.66	4.00	27.66	<=33.01	Pass
		12	0	22.56	4.00	26.56	<=33.01	Pass
			6	22.61	4.00	26.61	<=33.01	Pass
			13	22.51	4.00	26.51	<=33.01	Pass
		25	0	22.52	4.00	26.52	<=33.01	Pass
	1912.5	1	0	23.53	4.00	27.53	<=33.01	Pass
			13	23.73	4.00	27.73	<=33.01	Pass
			24	23.52	4.00	27.52	<=33.01	Pass
		12	0	22.45	4.00	26.45	<=33.01	Pass
			6	22.58	4.00	26.58	<=33.01	Pass
			13	22.58	4.00	26.58	<=33.01	Pass
		25	0	22.56	4.00	26.56	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.47	4.00	28.47	<=33.01	Pass
			25	24.58	4.00	28.58	<=33.01	Pass
			49	24.33	4.00	28.33	<=33.01	Pass
		25	0	23.57	4.00	27.57	<=33.01	Pass
			13	23.50	4.00	27.50	<=33.01	Pass
			25	23.52	4.00	27.52	<=33.01	Pass
		50	0	23.54	4.00	27.54	<=33.01	Pass
	1882.5	1	0	24.54	4.00	28.54	<=33.01	Pass
			25	24.79	4.00	28.79	<=33.01	Pass
			49	24.43	4.00	28.43	<=33.01	Pass
		25	0	23.69	4.00	27.69	<=33.01	Pass
			13	23.57	4.00	27.57	<=33.01	Pass
			25	23.49	4.00	27.49	<=33.01	Pass
		50	0	23.62	4.00	27.62	<=33.01	Pass
	1910	1	0	24.40	4.00	28.40	<=33.01	Pass
			25	24.69	4.00	28.69	<=33.01	Pass
			49	24.54	4.00	28.54	<=33.01	Pass
		25	0	23.61	4.00	27.61	<=33.01	Pass
			13	23.52	4.00	27.52	<=33.01	Pass
			25	23.72	4.00	27.72	<=33.01	Pass
		50	0	23.69	4.00	27.69	<=33.01	Pass
16QAM	1855	1	0	24.06	4.00	28.06	<=33.01	Pass
			25	24.16	4.00	28.16	<=33.01	Pass
			49	23.97	4.00	27.97	<=33.01	Pass
		25	0	22.63	4.00	26.63	<=33.01	Pass
			13	22.53	4.00	26.53	<=33.01	Pass
			25	22.57	4.00	26.57	<=33.01	Pass
		50	0	22.60	4.00	26.60	<=33.01	Pass
	1882.5	1	0	23.73	4.00	27.73	<=33.01	Pass
			25	23.85	4.00	27.85	<=33.01	Pass
			49	23.49	4.00	27.49	<=33.01	Pass
		25	0	22.70	4.00	26.70	<=33.01	Pass
			13	22.55	4.00	26.55	<=33.01	Pass
			25	22.47	4.00	26.47	<=33.01	Pass
		50	0	22.58	4.00	26.58	<=33.01	Pass
	1910	1	0	23.40	4.00	27.40	<=33.01	Pass
			25	23.67	4.00	27.67	<=33.01	Pass
			49	23.52	4.00	27.52	<=33.01	Pass
		25	0	22.66	4.00	26.66	<=33.01	Pass
			13	22.61	4.00	26.61	<=33.01	Pass
			25	22.76	4.00	26.76	<=33.01	Pass
		50	0	22.69	4.00	26.69	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B25_15MHz_EIRP

1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	24.45	4.00	28.45	<=33.01	Pass
			38	24.42	4.00	28.42	<=33.01	Pass
			74	24.22	4.00	28.22	<=33.01	Pass
		36	0	23.51	4.00	27.51	<=33.01	Pass
			18	23.43	4.00	27.43	<=33.01	Pass
			39	23.52	4.00	27.52	<=33.01	Pass
		75	0	23.50	4.00	27.50	<=33.01	Pass
	1882.5	1	0	24.49	4.00	28.49	<=33.01	Pass
			38	24.56	4.00	28.56	<=33.01	Pass
			74	24.30	4.00	28.30	<=33.01	Pass
		36	0	23.76	4.00	27.76	<=33.01	Pass
			18	23.61	4.00	27.61	<=33.01	Pass
			39	23.49	4.00	27.49	<=33.01	Pass
		75	0	23.64	4.00	27.64	<=33.01	Pass
	1907.5	1	0	24.22	4.00	28.22	<=33.01	Pass
			38	24.44	4.00	28.44	<=33.01	Pass
			74	24.52	4.00	28.52	<=33.01	Pass
		36	0	23.52	4.00	27.52	<=33.01	Pass
			18	23.53	4.00	27.53	<=33.01	Pass
			39	23.67	4.00	27.67	<=33.01	Pass
		75	0	23.60	4.00	27.60	<=33.01	Pass
16QAM	1857.5	1	0	23.97	4.00	27.97	<=33.01	Pass
			38	23.95	4.00	27.95	<=33.01	Pass
			74	23.84	4.00	27.84	<=33.01	Pass
		36	0	22.49	4.00	26.49	<=33.01	Pass
			18	22.45	4.00	26.45	<=33.01	Pass
			39	22.56	4.00	26.56	<=33.01	Pass
		75	0	22.46	4.00	26.46	<=33.01	Pass
	1882.5	1	0	23.70	4.00	27.70	<=33.01	Pass
			38	23.71	4.00	27.71	<=33.01	Pass
			74	23.47	4.00	27.47	<=33.01	Pass
		36	0	22.72	4.00	26.72	<=33.01	Pass
			18	22.57	4.00	26.57	<=33.01	Pass
			39	22.47	4.00	26.47	<=33.01	Pass
		75	0	22.60	4.00	26.60	<=33.01	Pass
	1907.5	1	0	23.58	4.00	27.58	<=33.01	Pass
			38	23.83	4.00	27.83	<=33.01	Pass
			74	23.80	4.00	27.80	<=33.01	Pass
		36	0	22.54	4.00	26.54	<=33.01	Pass
			18	22.49	4.00	26.49	<=33.01	Pass
			39	22.66	4.00	26.66	<=33.01	Pass
		75	0	22.56	4.00	26.56	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	24.35	4.00	28.35	<=33.01	Pass
			50	24.54	4.00	28.54	<=33.01	Pass
			99	24.29	4.00	28.29	<=33.01	Pass
		50	0	23.38	4.00	27.38	<=33.01	Pass
			25	23.42	4.00	27.42	<=33.01	Pass
			50	23.62	4.00	27.62	<=33.01	Pass
		100	0	23.49	4.00	27.49	<=33.01	Pass
	1882.5	1	0	24.44	4.00	28.44	<=33.01	Pass
			50	24.72	4.00	28.72	<=33.01	Pass
			99	24.22	4.00	28.22	<=33.01	Pass
		50	0	23.82	4.00	27.82	<=33.01	Pass
			25	23.59	4.00	27.59	<=33.01	Pass
			50	23.44	4.00	27.44	<=33.01	Pass
		100	0	23.66	4.00	27.66	<=33.01	Pass
	1905	1	0	24.17	4.00	28.17	<=33.01	Pass
			50	24.54	4.00	28.54	<=33.01	Pass
			99	24.39	4.00	28.39	<=33.01	Pass
		50	0	23.44	4.00	27.44	<=33.01	Pass
			25	23.37	4.00	27.37	<=33.01	Pass
			50	23.44	4.00	27.44	<=33.01	Pass
		100	0	23.45	4.00	27.45	<=33.01	Pass
16QAM	1860	1	0	23.65	4.00	27.65	<=33.01	Pass
			50	23.81	4.00	27.81	<=33.01	Pass
			99	23.56	4.00	27.56	<=33.01	Pass
		50	0	22.35	4.00	26.35	<=33.01	Pass
			25	22.39	4.00	26.39	<=33.01	Pass
			50	22.57	4.00	26.57	<=33.01	Pass
		100	0	22.46	4.00	26.46	<=33.01	Pass
	1882.5	1	0	23.65	4.00	27.65	<=33.01	Pass
			50	23.90	4.00	27.90	<=33.01	Pass
			99	23.41	4.00	27.41	<=33.01	Pass
		50	0	22.82	4.00	26.82	<=33.01	Pass
			25	22.56	4.00	26.56	<=33.01	Pass
			50	22.43	4.00	26.43	<=33.01	Pass
		100	0	22.67	4.00	26.67	<=33.01	Pass
	1905	1	0	23.71	4.00	27.71	<=33.01	Pass
			50	24.09	4.00	28.09	<=33.01	Pass
			99	23.91	4.00	27.91	<=33.01	Pass
		50	0	22.47	4.00	26.47	<=33.01	Pass
			25	22.38	4.00	26.38	<=33.01	Pass
			50	22.38	4.00	26.38	<=33.01	Pass
		100	0	22.48	4.00	26.48	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B25_20MHz

2.1.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	10.2	-2.654	-0.0014	-2.5 to 2.5	Pass
					12	0.534	0.0003	-2.5 to 2.5	Pass
					13.8	-8.452	-0.0045	-2.5 to 2.5	Pass
				-30	12	-1.789	-0.0010	-2.5 to 2.5	Pass
				-20	12	-3.349	-0.0018	-2.5 to 2.5	Pass
				-10	12	-0.632	-0.0003	-2.5 to 2.5	Pass
				0	12	-1.963	-0.0011	-2.5 to 2.5	Pass
				10	12	0.997	0.0005	-2.5 to 2.5	Pass
				30	12	-6.276	-0.0034	-2.5 to 2.5	Pass
				40	12	-3.995	-0.0021	-2.5 to 2.5	Pass
				50	12	-6.393	-0.0034	-2.5 to 2.5	Pass
	1882.5	100	0	20	10.2	-8.053	-0.0043	-2.5 to 2.5	Pass
					12	-8.205	-0.0044	-2.5 to 2.5	Pass
					13.8	-7.551	-0.0040	-2.5 to 2.5	Pass
				-30	12	-6.092	-0.0032	-2.5 to 2.5	Pass
				-20	12	-9.629	-0.0051	-2.5 to 2.5	Pass
				-10	12	-10.123	-0.0054	-2.5 to 2.5	Pass
				0	12	-10.622	-0.0056	-2.5 to 2.5	Pass
				10	12	-7.420	-0.0039	-2.5 to 2.5	Pass
				30	12	-5.846	-0.0031	-2.5 to 2.5	Pass
				40	12	-0.592	-0.0003	-2.5 to 2.5	Pass
				50	12	-3.348	-0.0018	-2.5 to 2.5	Pass
	1905	100	0	20	10.2	-6.392	-0.0034	-2.5 to 2.5	Pass
					12	-8.097	-0.0043	-2.5 to 2.5	Pass
					13.8	-8.984	-0.0047	-2.5 to 2.5	Pass
				-30	12	-0.440	-0.0002	-2.5 to 2.5	Pass
				-20	12	-9.741	-0.0051	-2.5 to 2.5	Pass
				-10	12	-5.952	-0.0031	-2.5 to 2.5	Pass
				0	12	-4.727	-0.0025	-2.5 to 2.5	Pass
				10	12	-3.561	-0.0019	-2.5 to 2.5	Pass
				30	12	-5.231	-0.0027	-2.5 to 2.5	Pass
				40	12	-8.648	-0.0045	-2.5 to 2.5	Pass
				50	12	-6.882	-0.0036	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

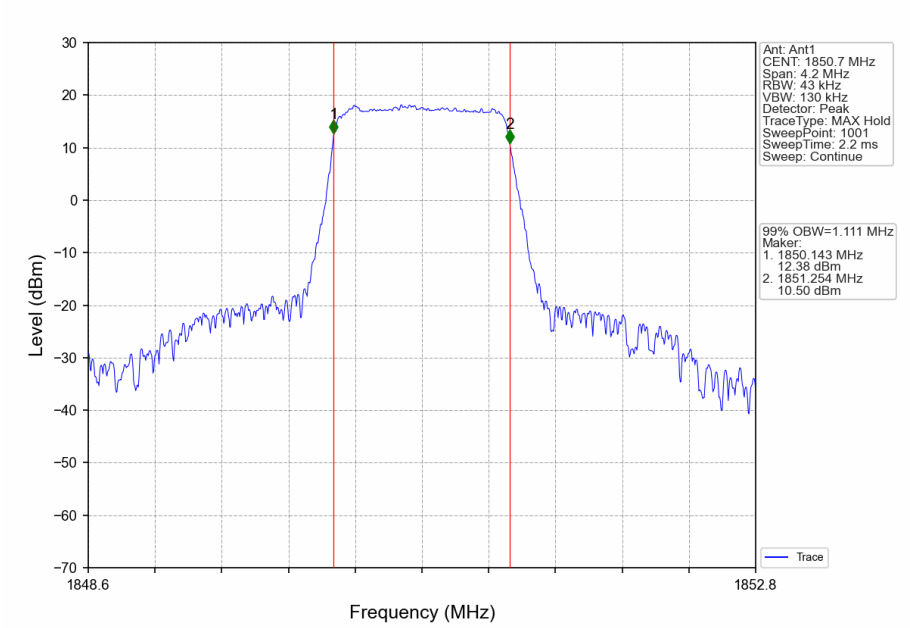
3.1 Band25_OBW

3.1.1 Test Result

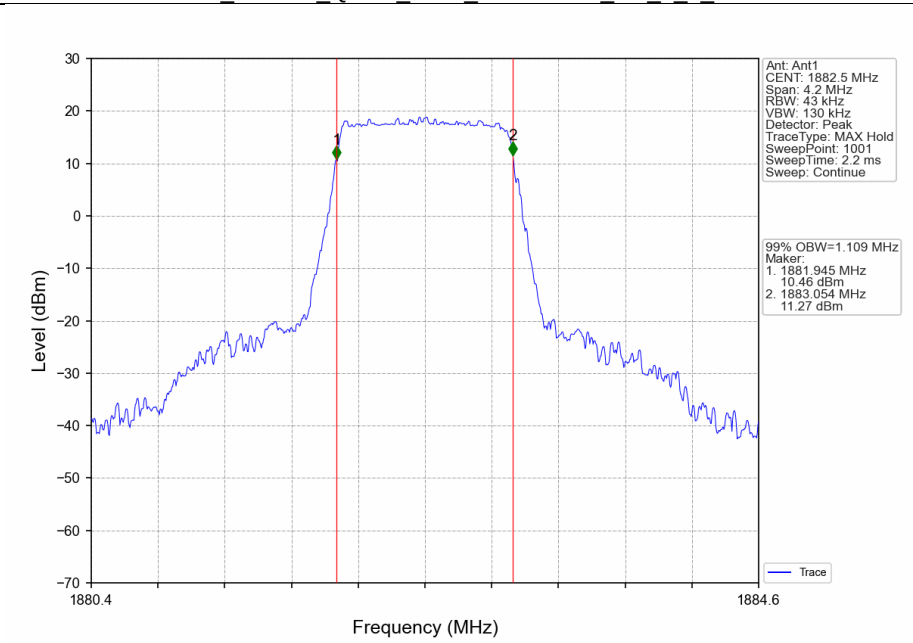
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.111	/	Pass
		1882.5	6	0	1.109	/	Pass
		1914.3	6	0	1.117	/	Pass
	16QAM	1850.7	6	0	1.117	/	Pass
		1882.5	6	0	1.109	/	Pass
		1914.3	6	0	1.110	/	Pass
3	QPSK	1851.5	15	0	2.727	/	Pass
		1882.5	15	0	2.738	/	Pass
		1913.5	15	0	2.723	/	Pass
	16QAM	1851.5	15	0	2.728	/	Pass
		1882.5	15	0	2.719	/	Pass
		1913.5	15	0	2.719	/	Pass
5	QPSK	1852.5	25	0	4.601	/	Pass
		1882.5	25	0	4.557	/	Pass
		1912.5	25	0	4.560	/	Pass
	16QAM	1852.5	25	0	4.564	/	Pass
		1882.5	25	0	4.565	/	Pass
		1912.5	25	0	4.594	/	Pass
10	QPSK	1855	50	0	9.120	/	Pass
		1882.5	50	0	9.090	/	Pass
		1910	50	0	9.105	/	Pass
	16QAM	1855	50	0	9.087	/	Pass
		1882.5	50	0	9.070	/	Pass
		1910	50	0	9.122	/	Pass
15	QPSK	1857.5	75	0	13.721	/	Pass
		1882.5	75	0	13.613	/	Pass
		1907.5	75	0	13.673	/	Pass
	16QAM	1857.5	75	0	13.658	/	Pass
		1882.5	75	0	13.662	/	Pass
		1907.5	75	0	13.692	/	Pass
20	QPSK	1860	100	0	18.122	/	Pass
		1882.5	100	0	18.126	/	Pass
		1905	100	0	18.126	/	Pass
	16QAM	1860	100	0	18.120	/	Pass
		1882.5	100	0	18.174	/	Pass
		1905	100	0	18.125	/	Pass

3.1.2 Test Graph

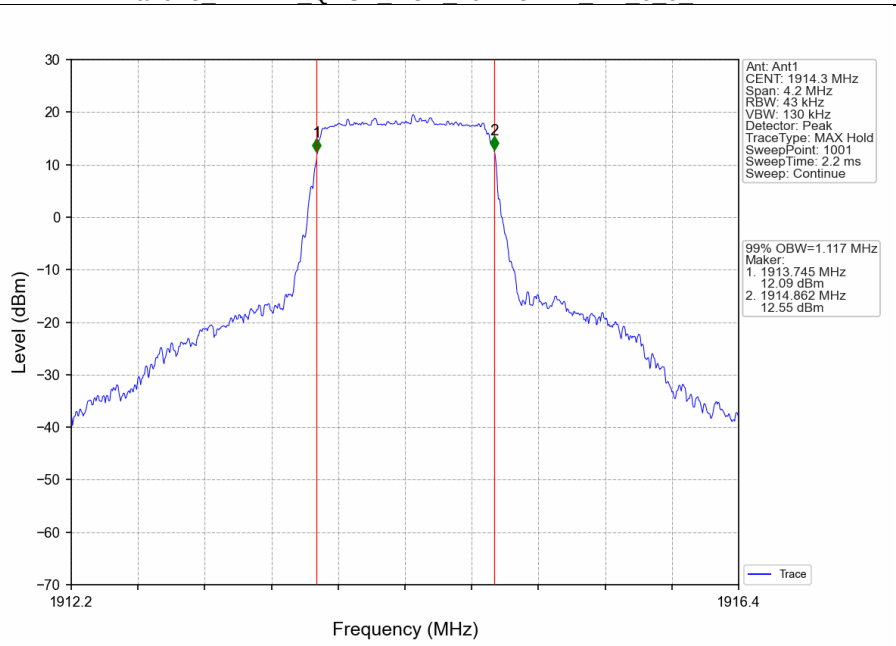
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



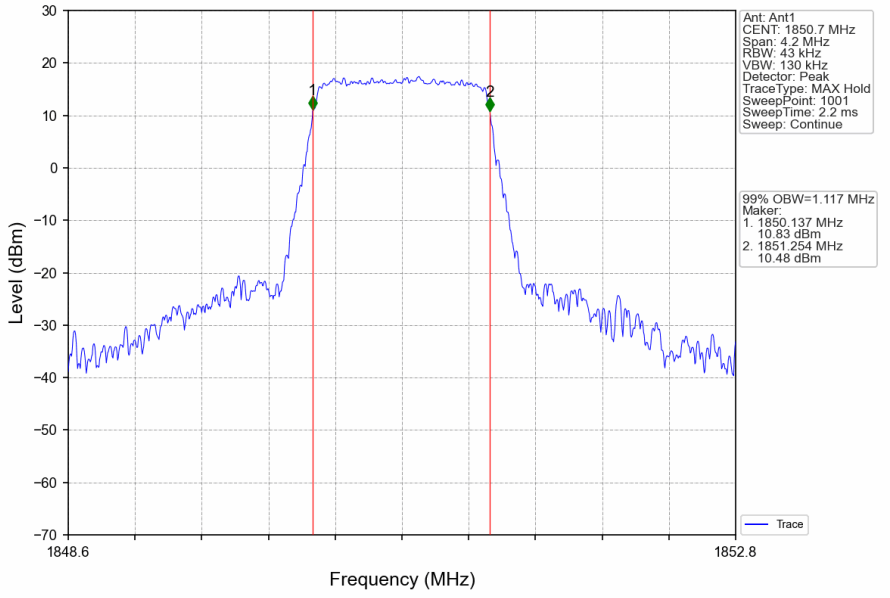
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



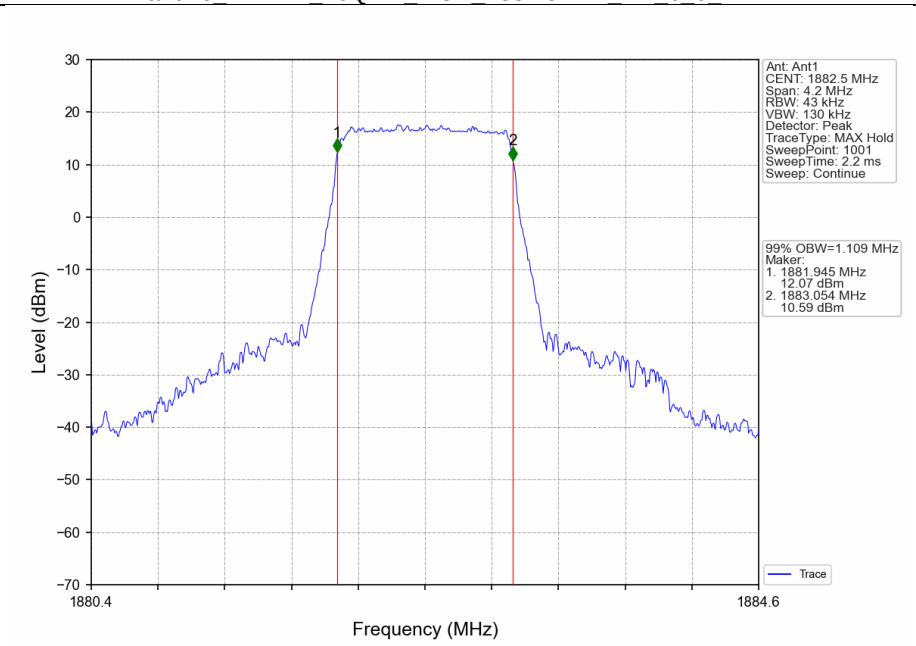
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



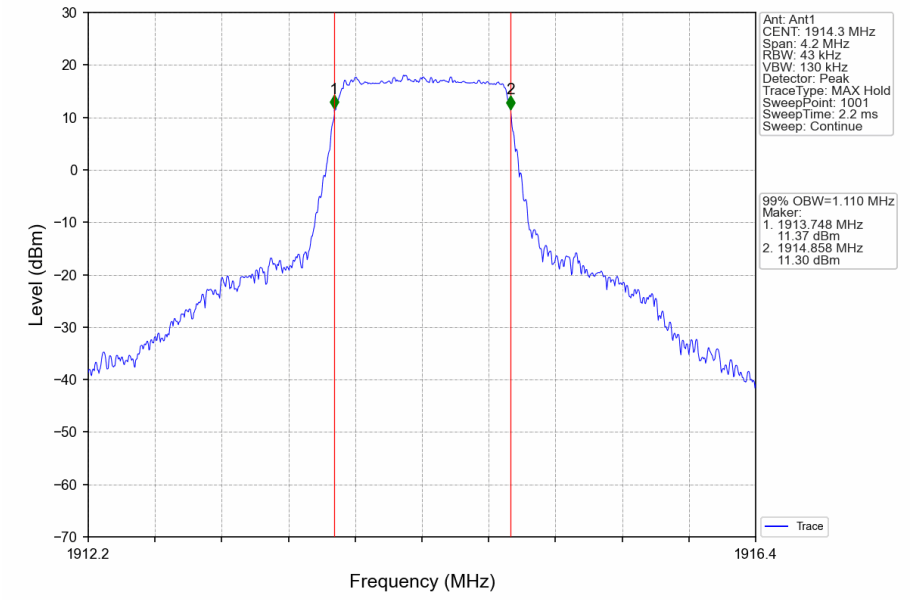
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



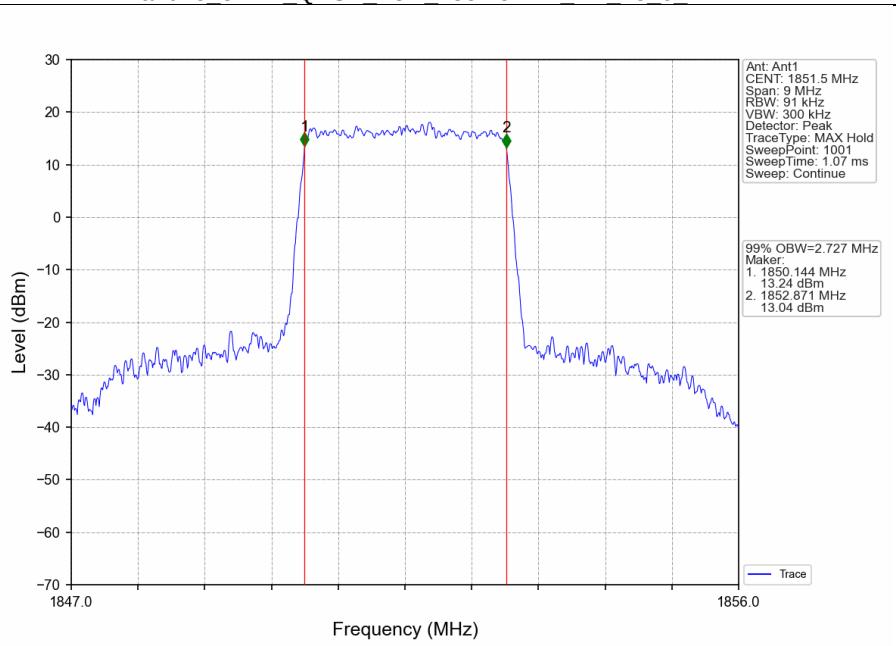
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



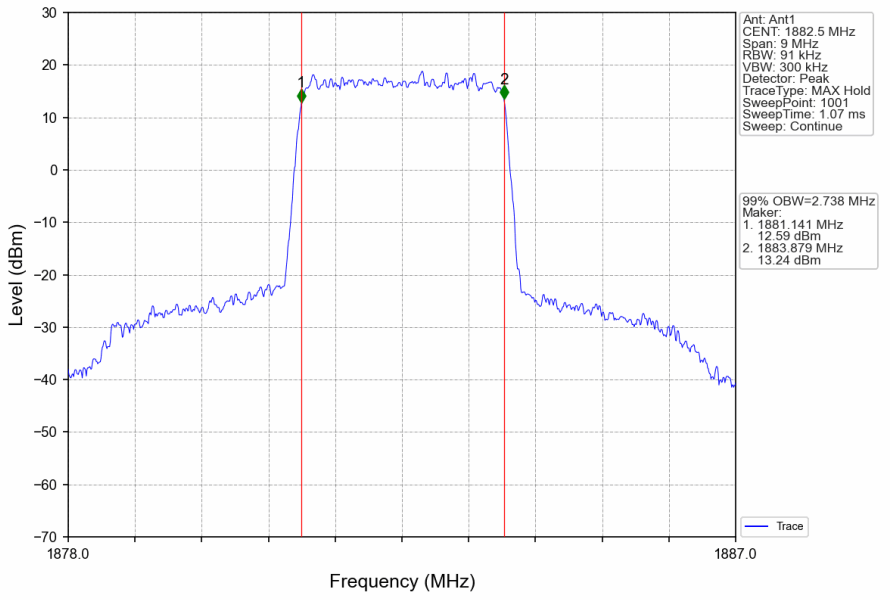
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



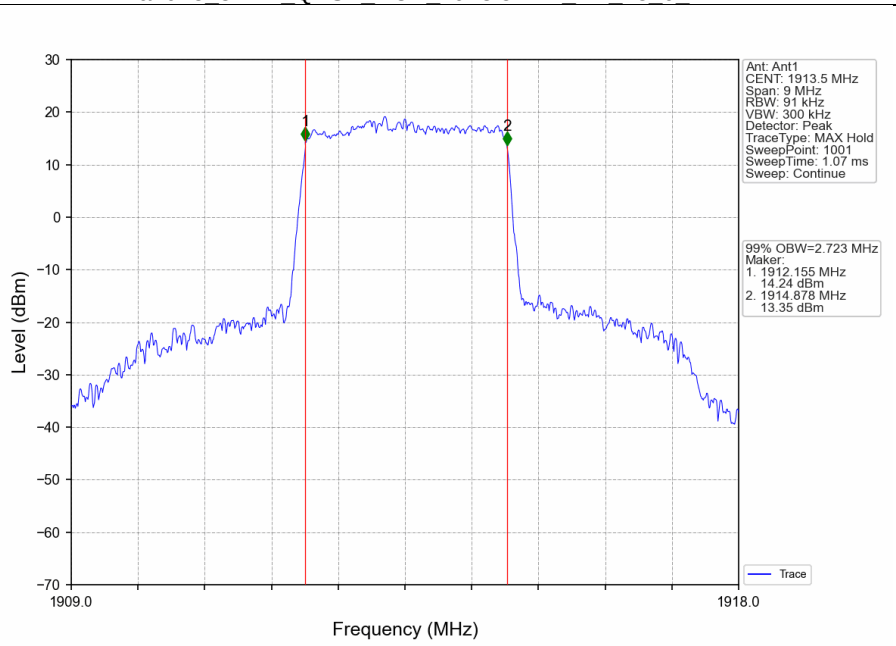
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



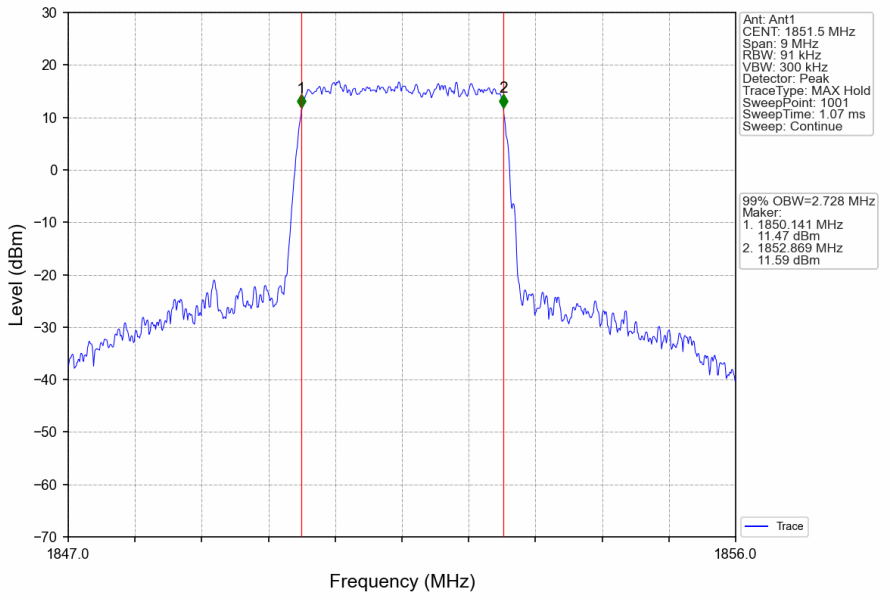
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



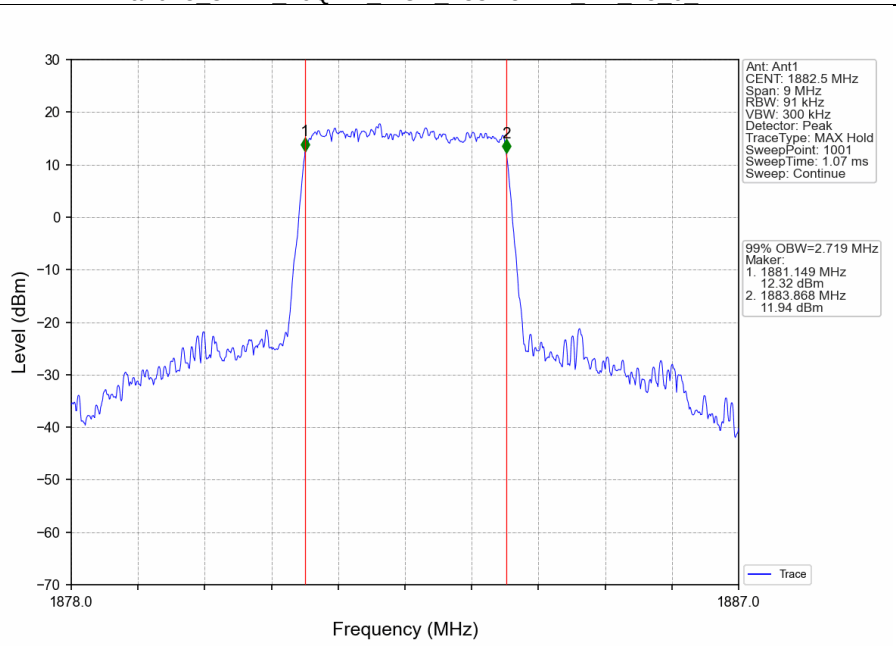
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



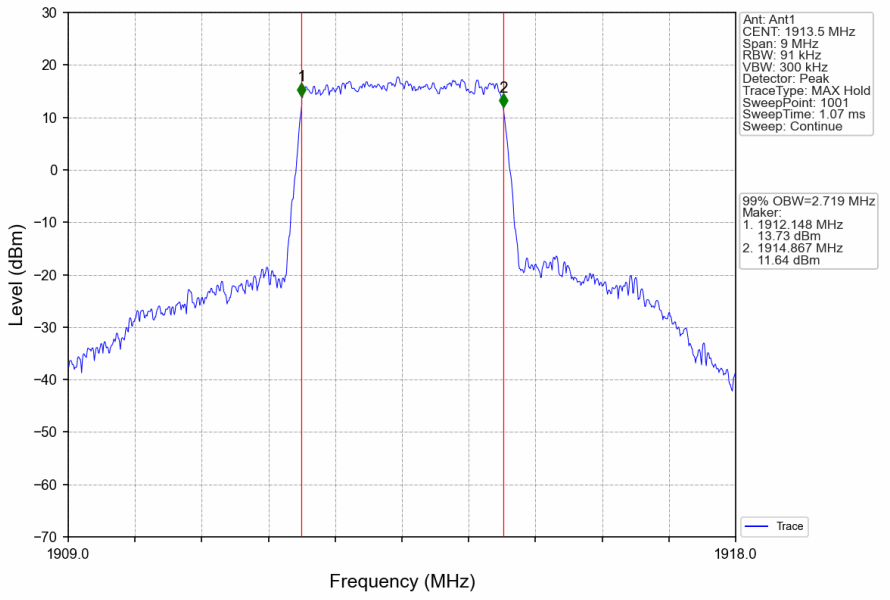
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



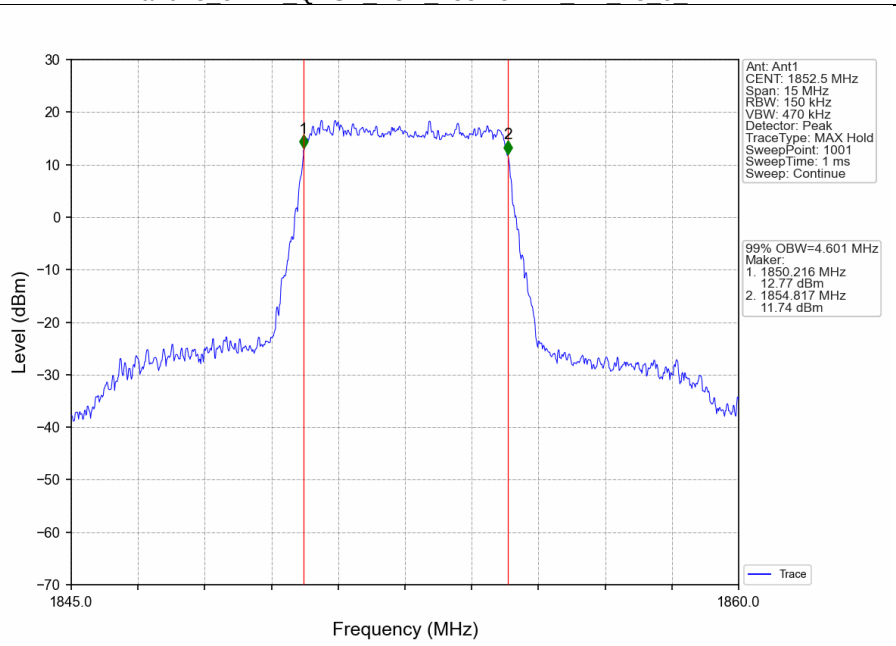
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



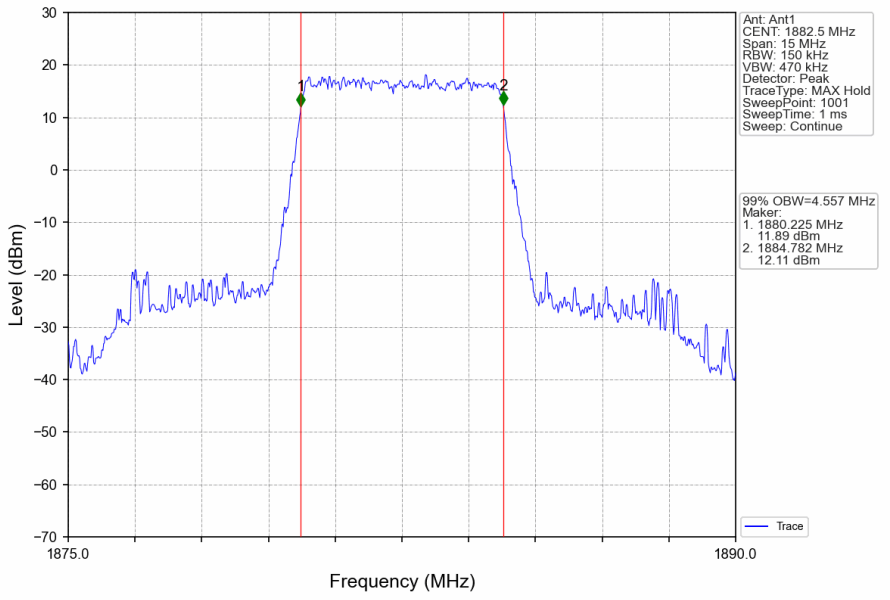
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



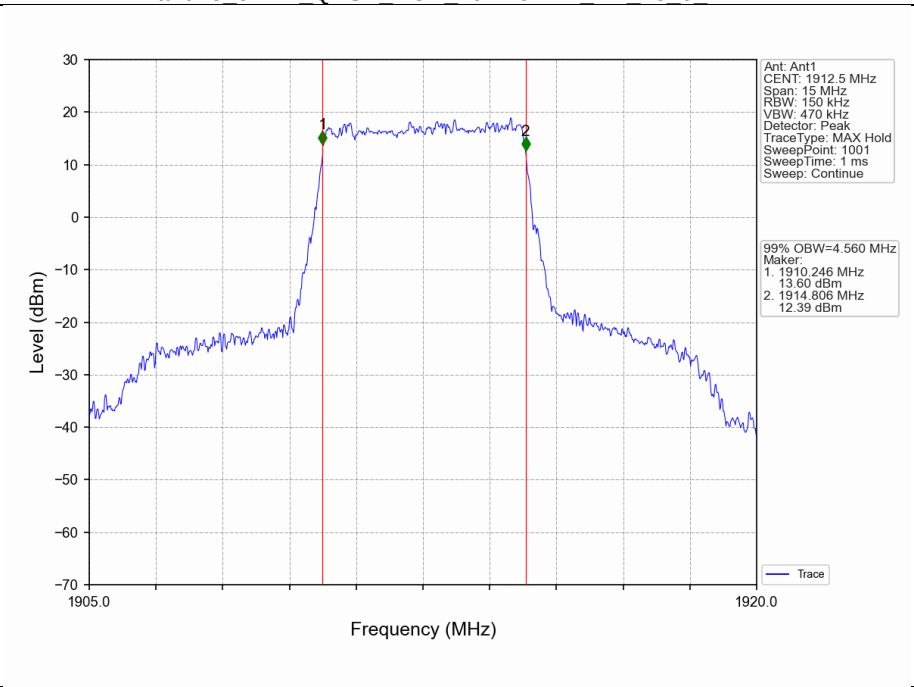
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



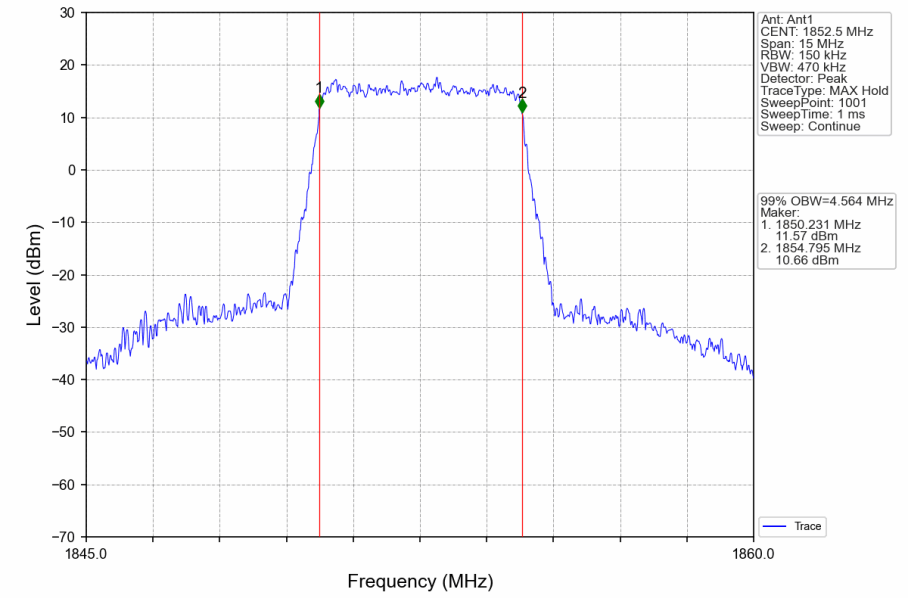
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



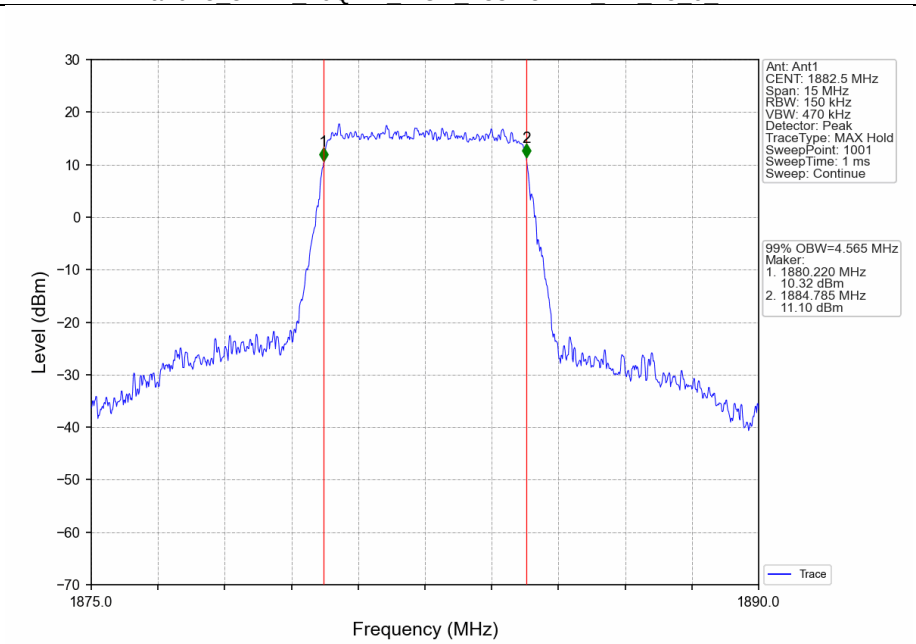
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



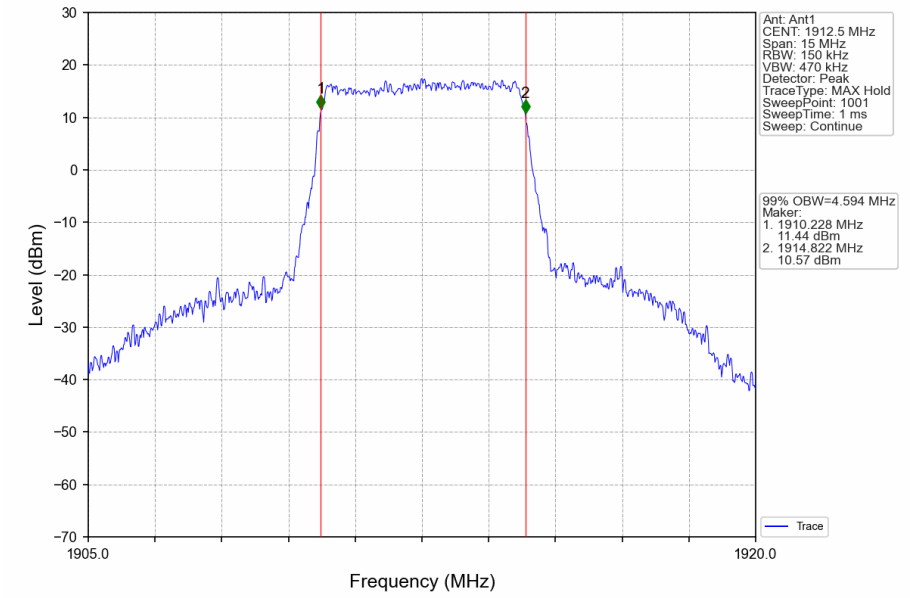
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



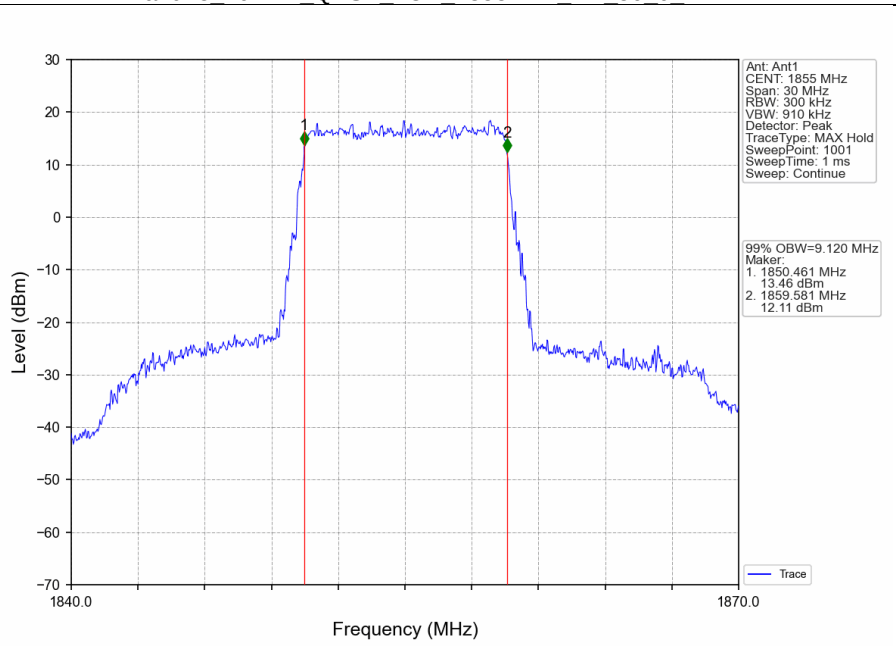
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



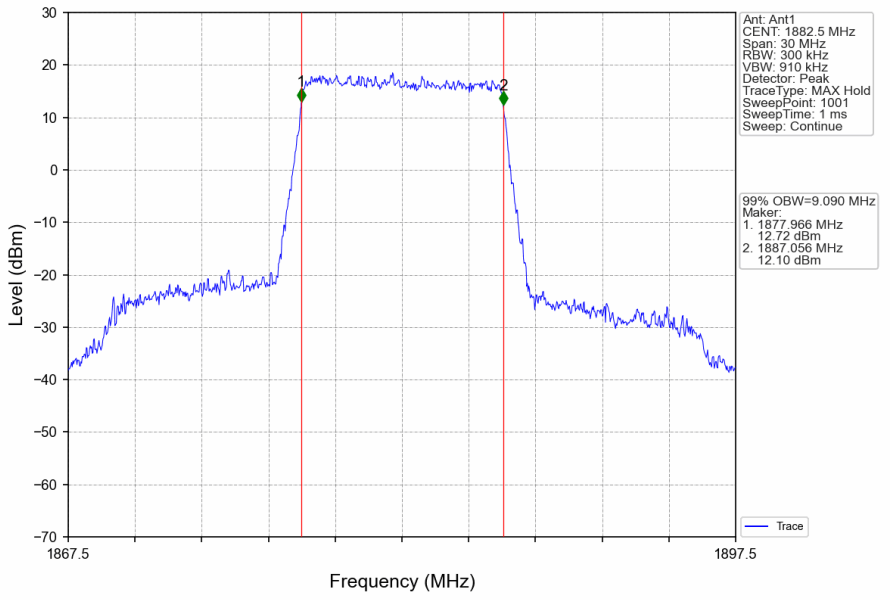
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



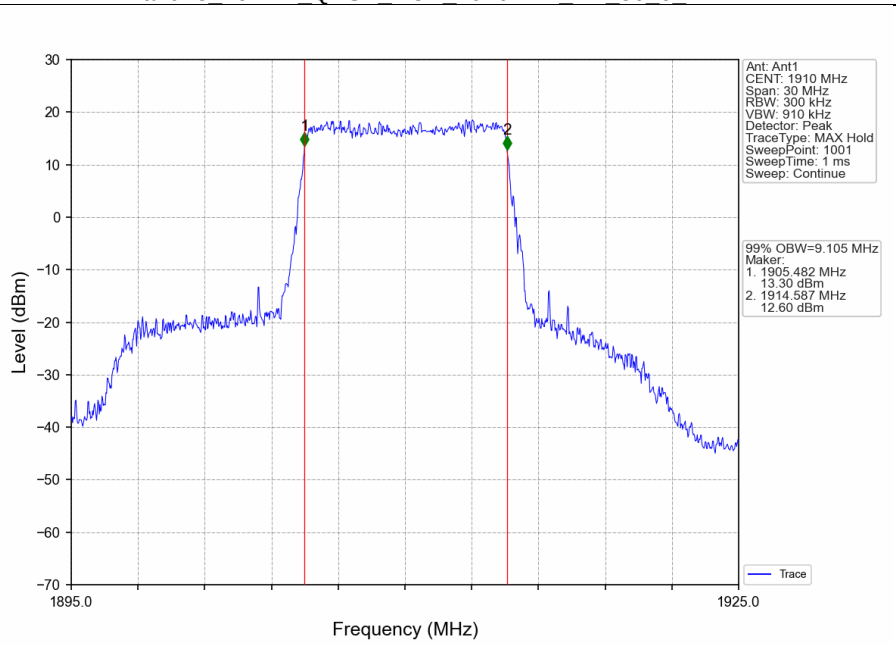
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



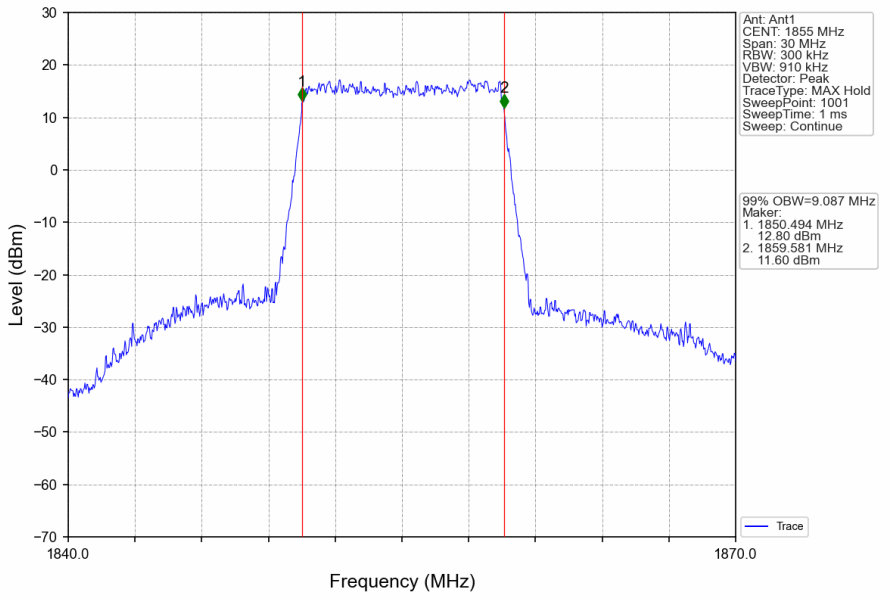
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

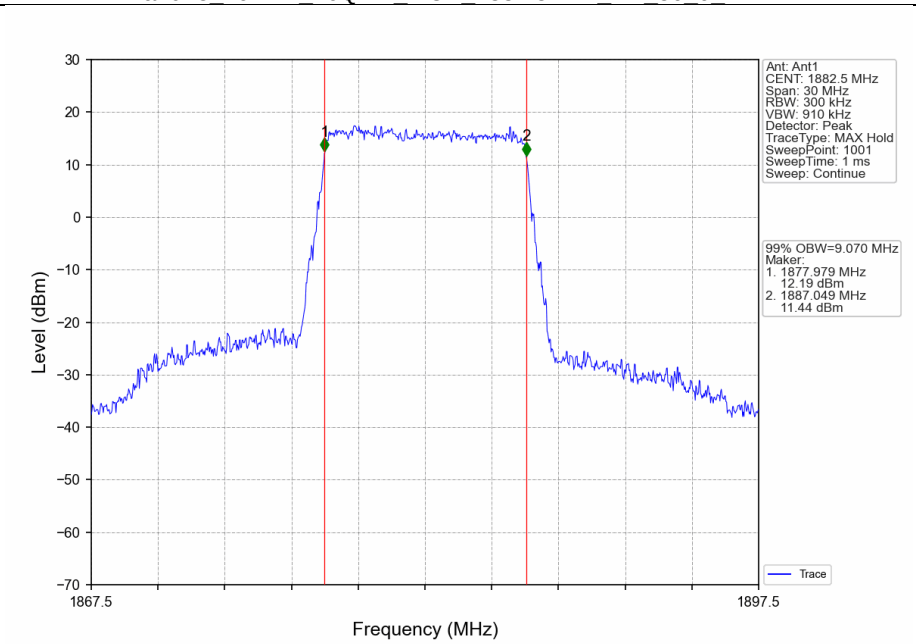


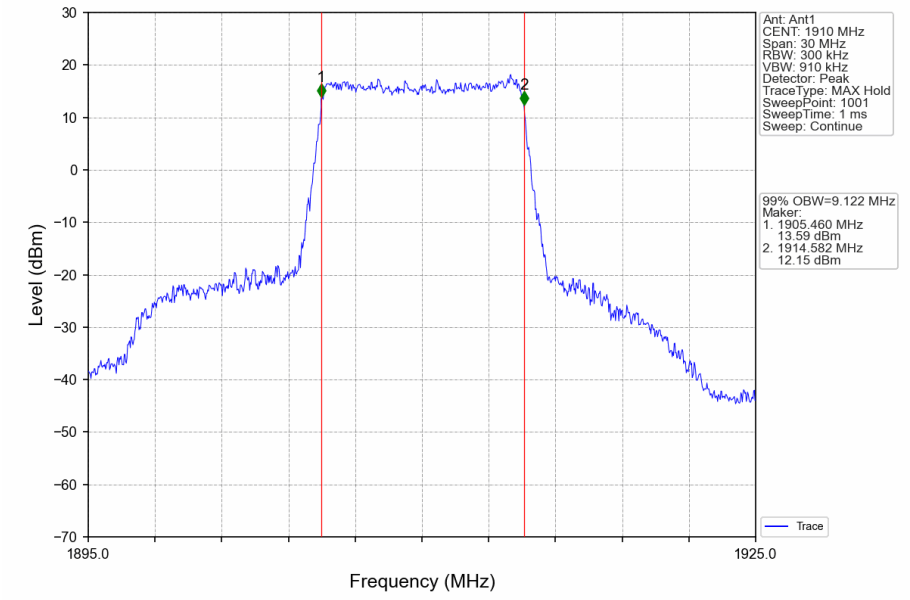
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



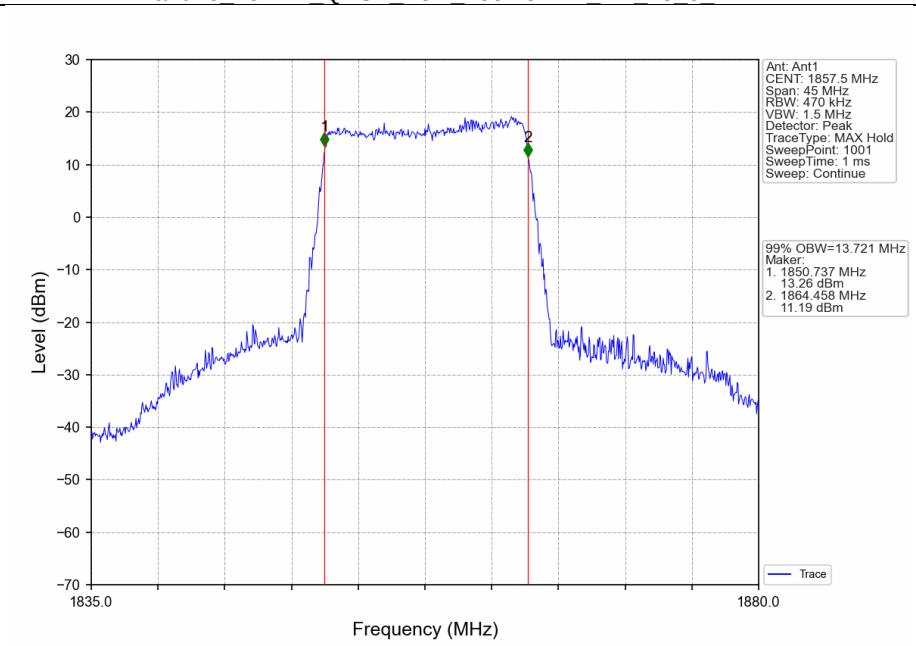
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



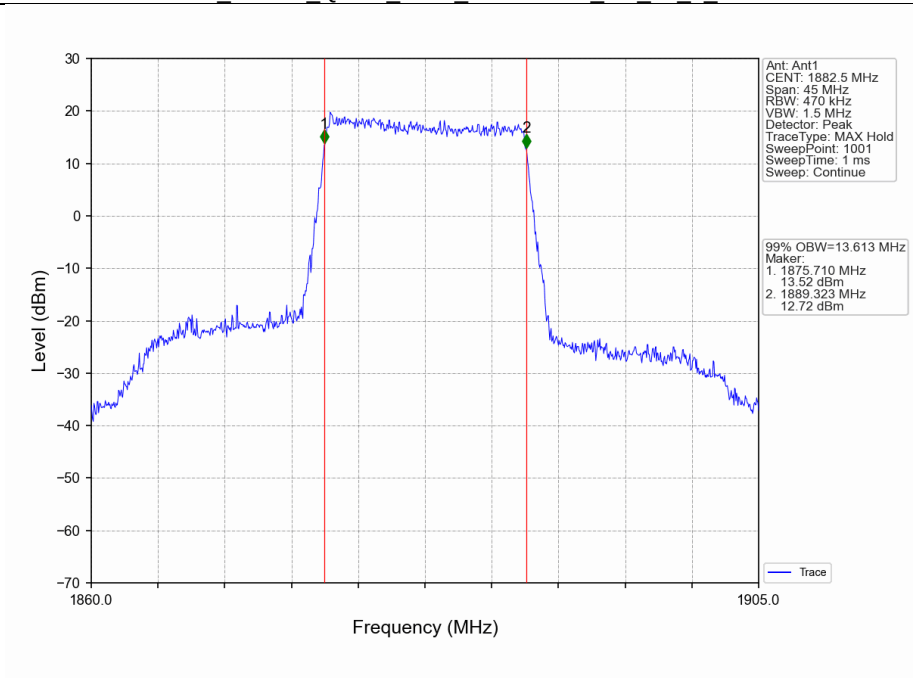
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV


Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV


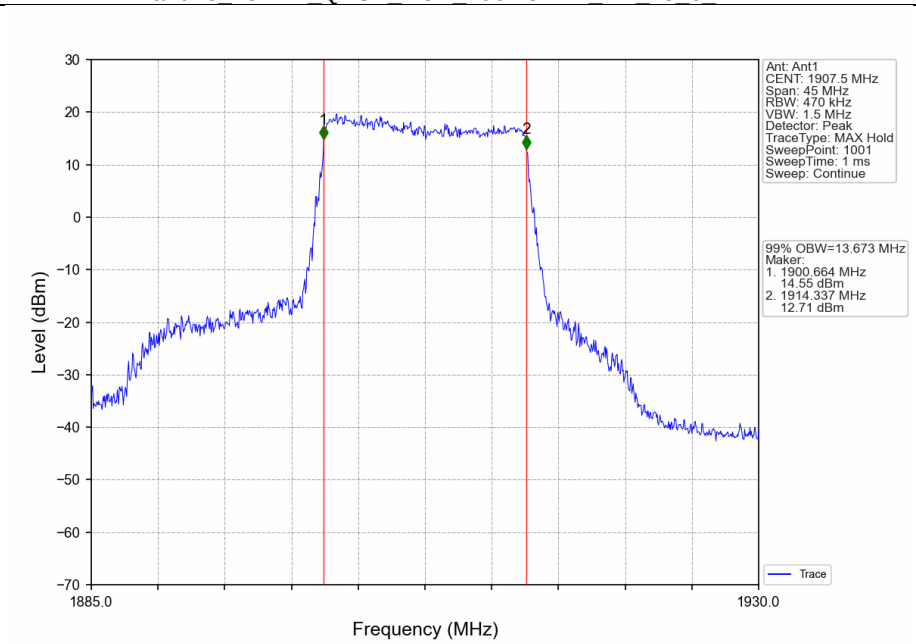
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



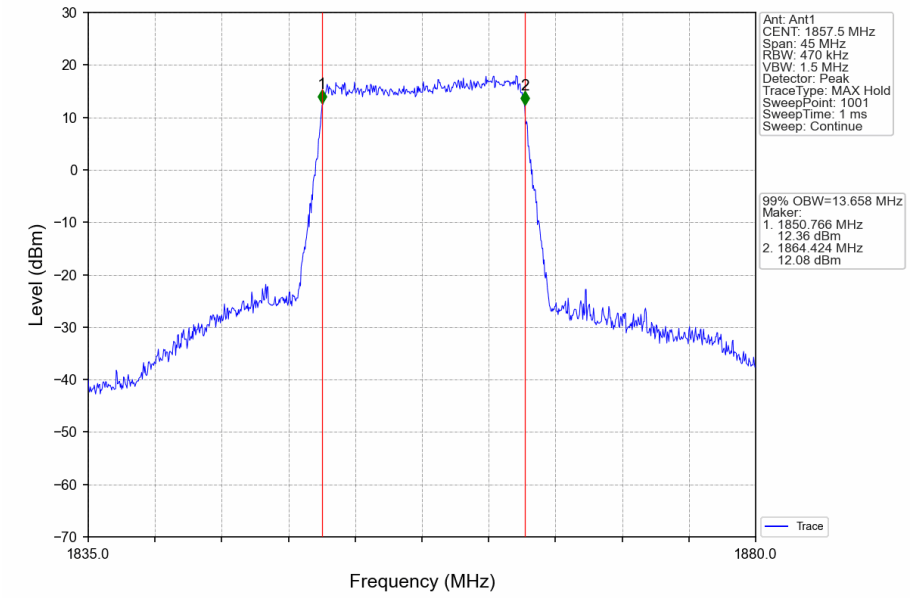
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



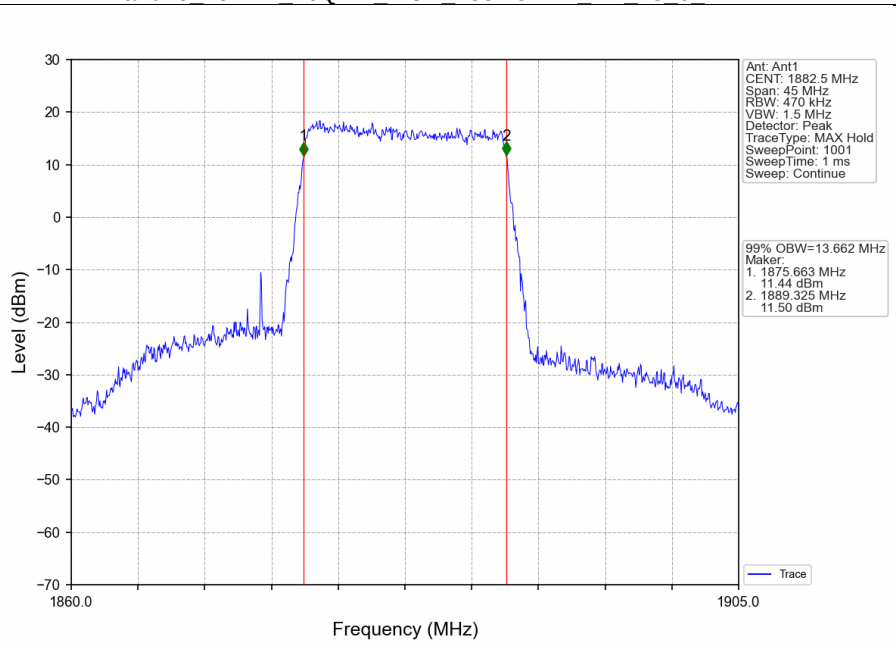
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



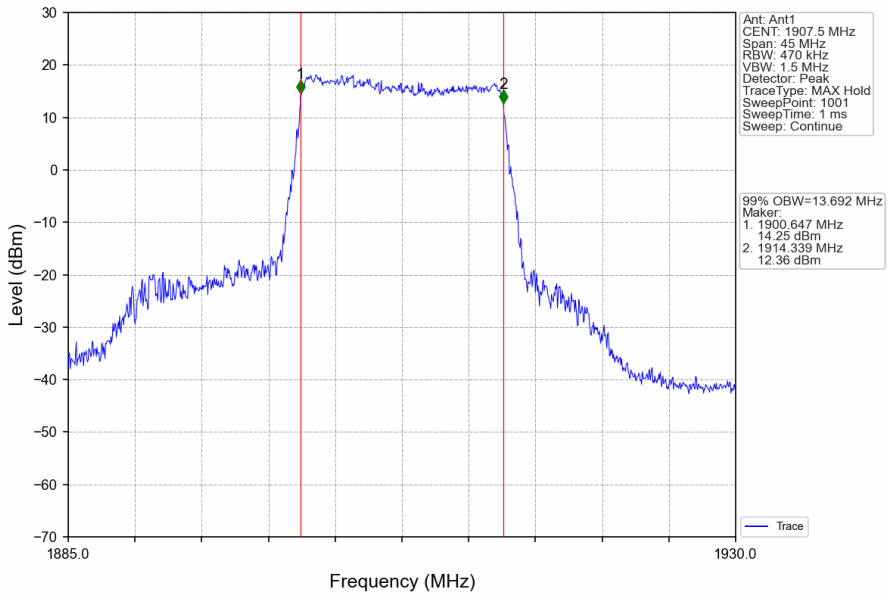
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



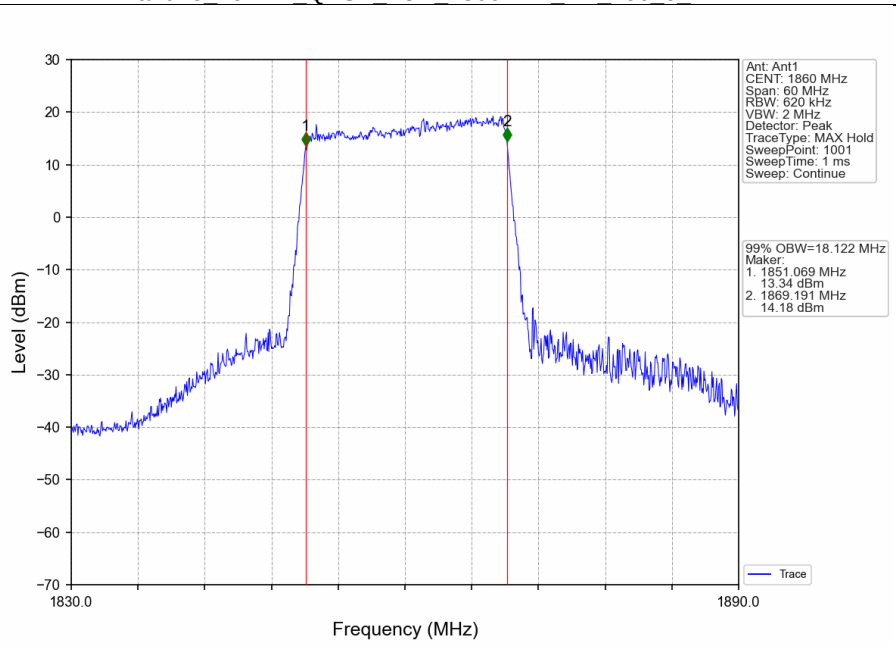
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



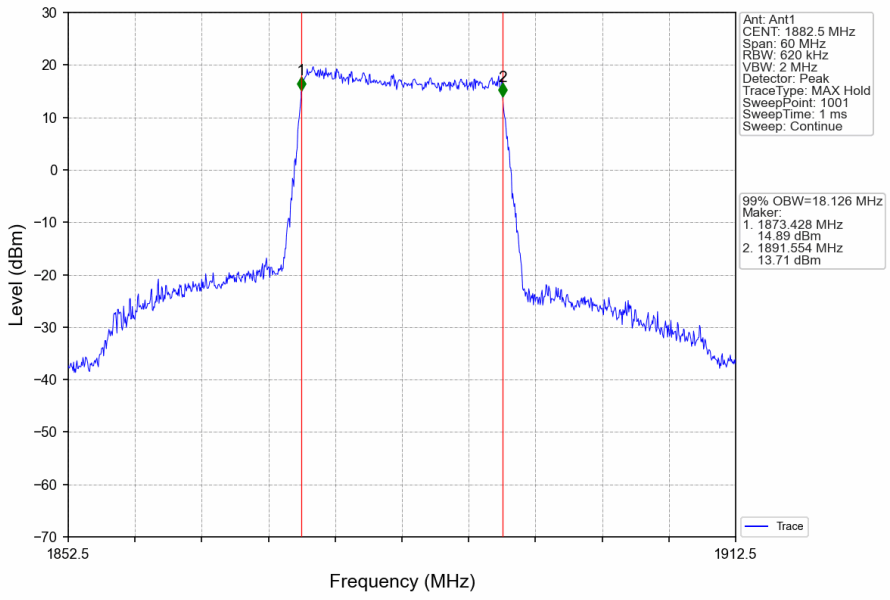
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



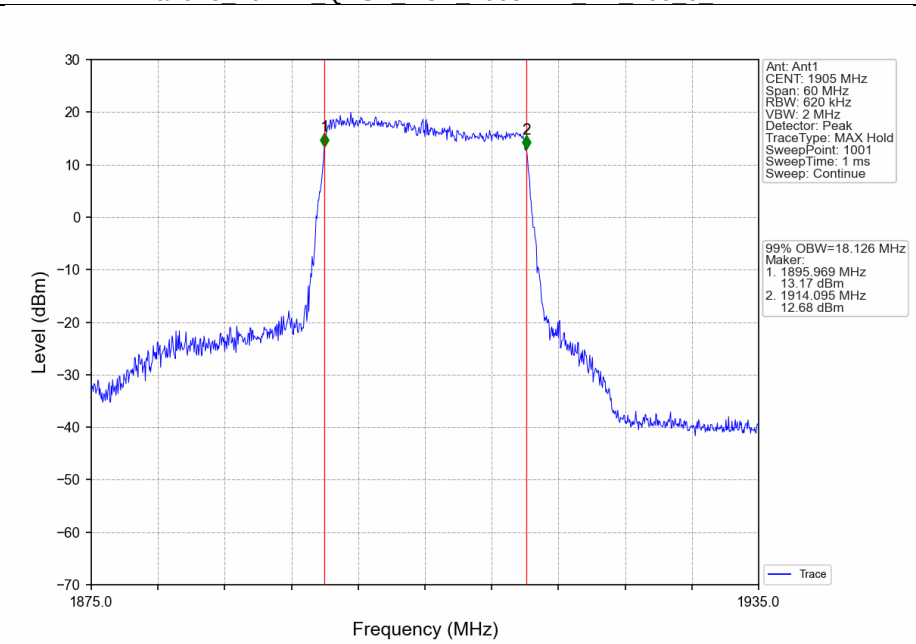
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



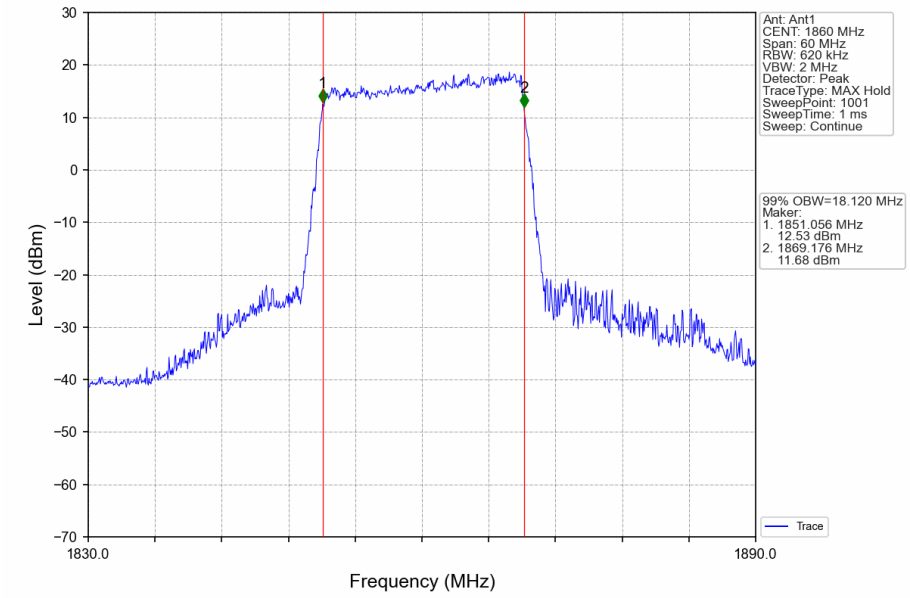
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



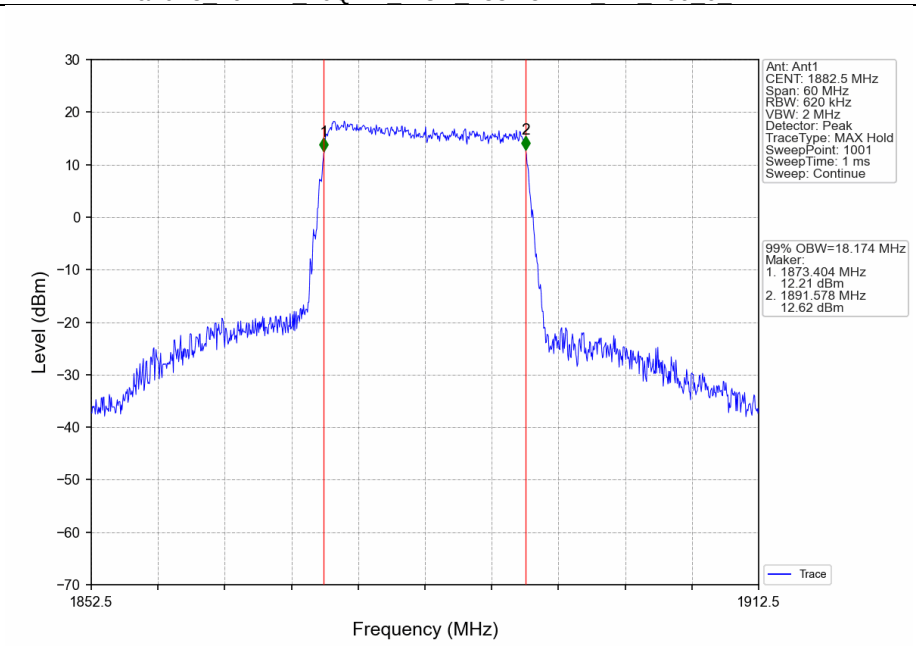
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



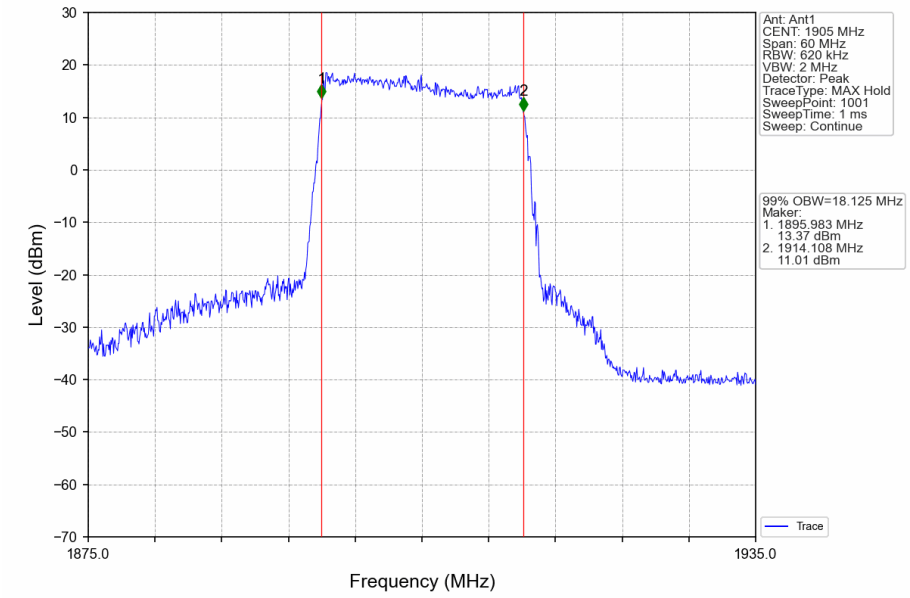
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



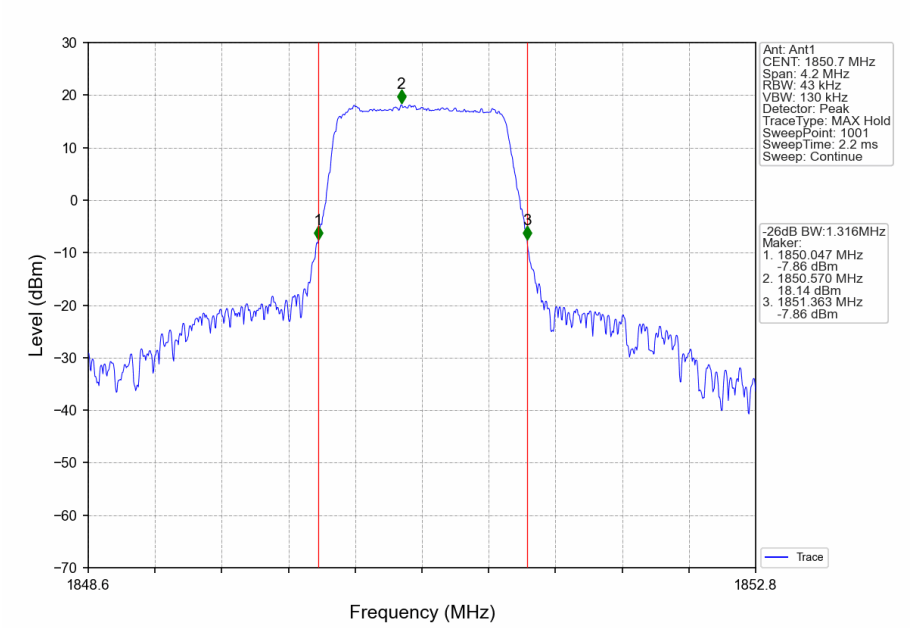
3.2 Band25_XDB

3.2.1 Test Result

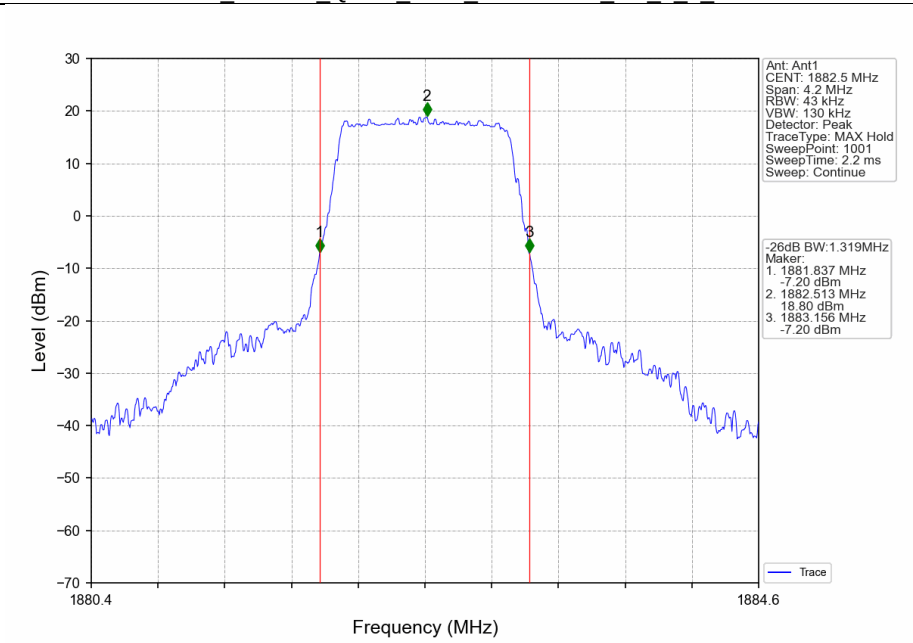
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.316	/	Pass
		1882.5	6	0	1.319	/	Pass
		1914.3	6	0	1.303	/	Pass
	16QAM	1850.7	6	0	1.342	/	Pass
		1882.5	6	0	1.313	/	Pass
		1914.3	6	0	1.322	/	Pass
3	QPSK	1851.5	15	0	2.996	/	Pass
		1882.5	15	0	2.996	/	Pass
		1913.5	15	0	2.999	/	Pass
	16QAM	1851.5	15	0	3.021	/	Pass
		1882.5	15	0	2.998	/	Pass
		1913.5	15	0	3.005	/	Pass
5	QPSK	1852.5	25	0	5.272	/	Pass
		1882.5	25	0	5.286	/	Pass
		1912.5	25	0	5.237	/	Pass
	16QAM	1852.5	25	0	5.205	/	Pass
		1882.5	25	0	5.262	/	Pass
		1912.5	25	0	5.262	/	Pass
10	QPSK	1855	50	0	10.464	/	Pass
		1882.5	50	0	10.277	/	Pass
		1910	50	0	10.399	/	Pass
	16QAM	1855	50	0	10.263	/	Pass
		1882.5	50	0	10.424	/	Pass
		1910	50	0	10.312	/	Pass
15	QPSK	1857.5	75	0	15.424	/	Pass
		1882.5	75	0	15.194	/	Pass
		1907.5	75	0	15.368	/	Pass
	16QAM	1857.5	75	0	15.347	/	Pass
		1882.5	75	0	15.438	/	Pass
		1907.5	75	0	15.446	/	Pass
20	QPSK	1860	100	0	20.032	/	Pass
		1882.5	100	0	20.055	/	Pass
		1905	100	0	19.943	/	Pass
	16QAM	1860	100	0	20.062	/	Pass
		1882.5	100	0	20.169	/	Pass
		1905	100	0	20.138	/	Pass

3.2.2 Test Graph

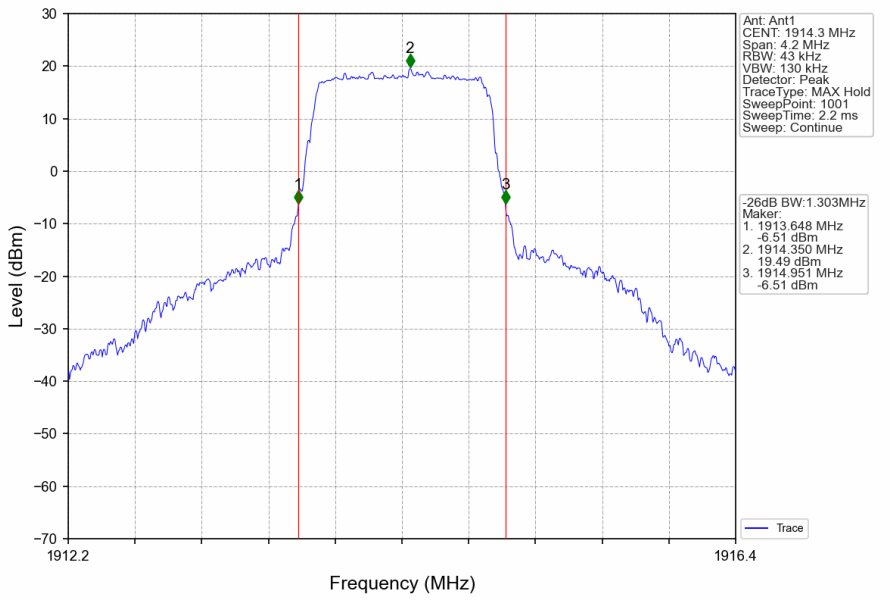
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



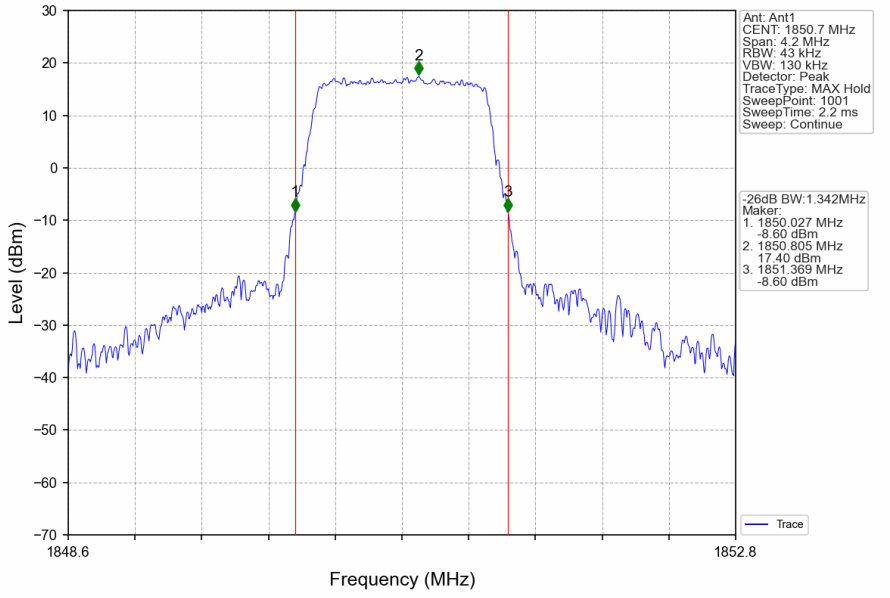
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



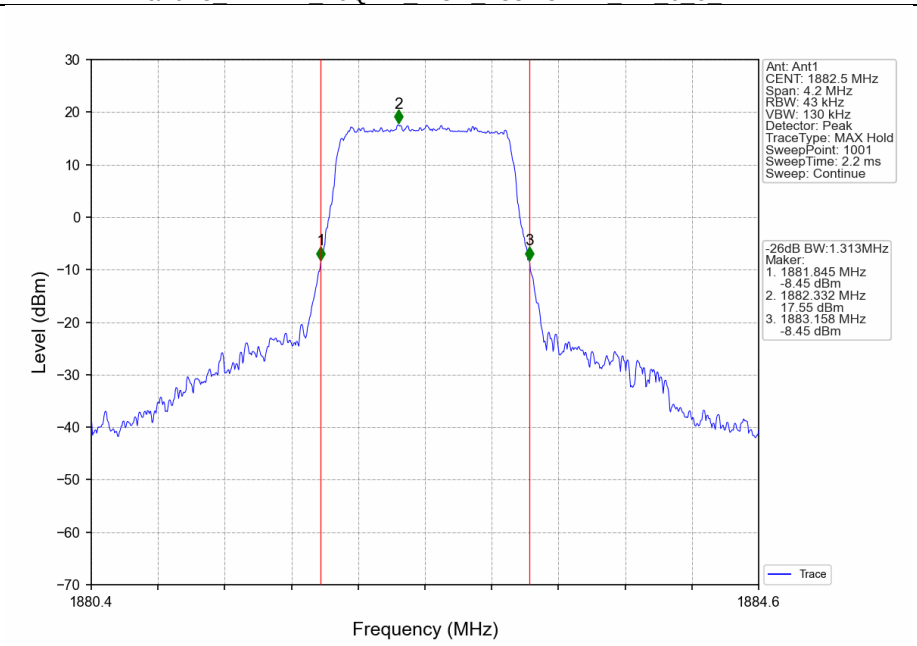
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



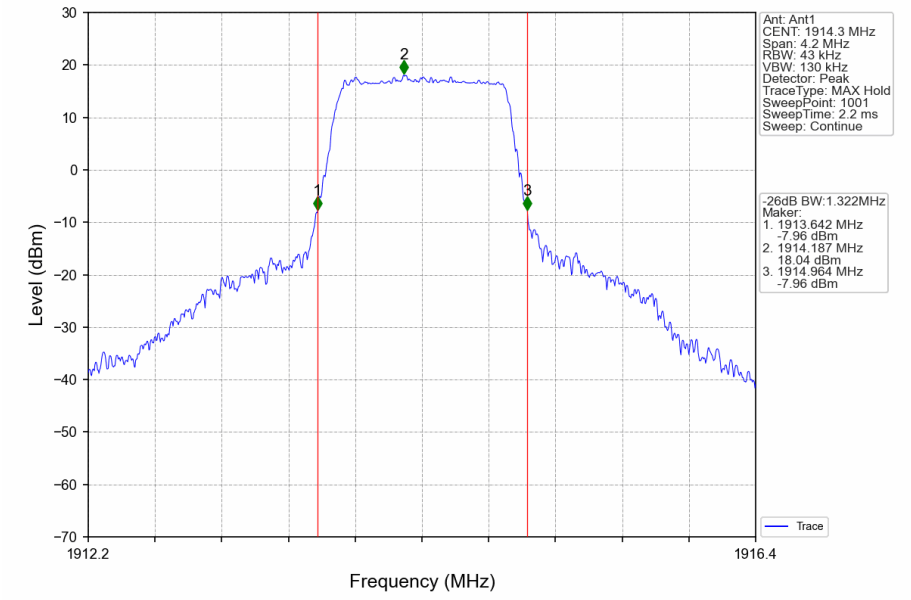
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



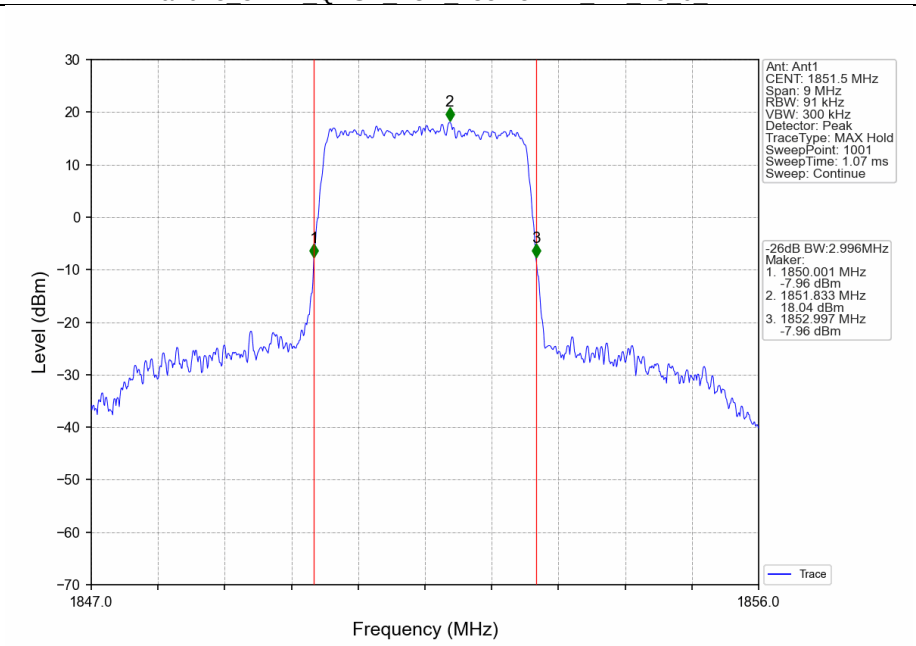
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



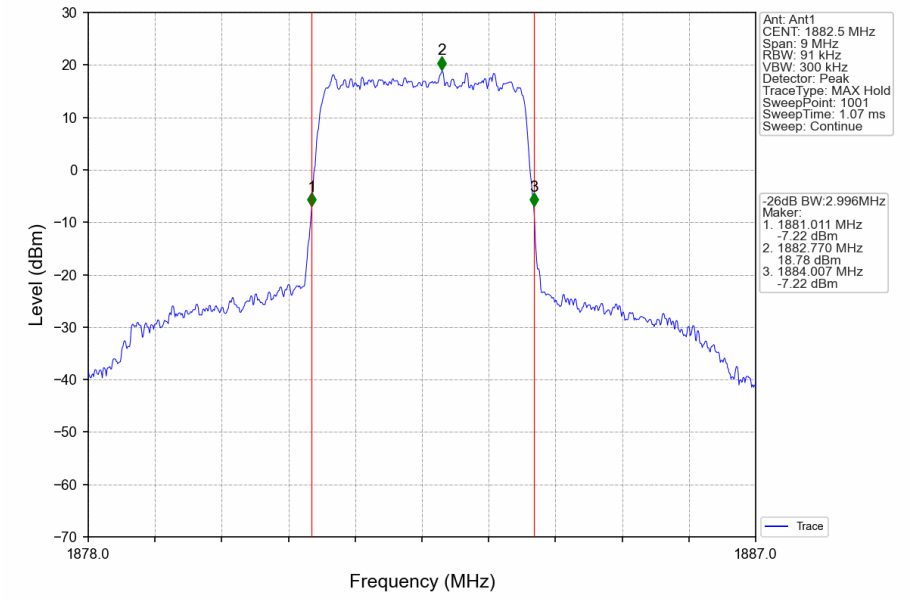
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



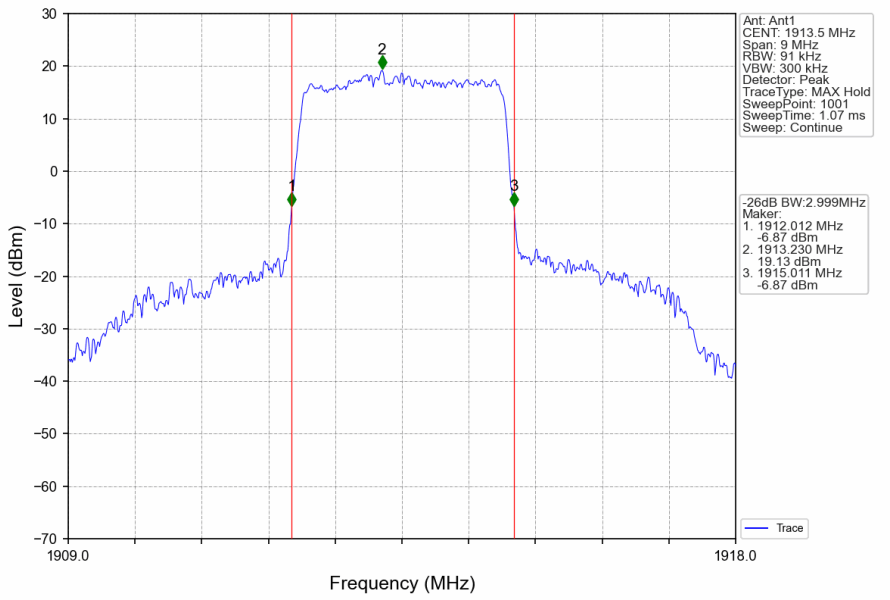
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



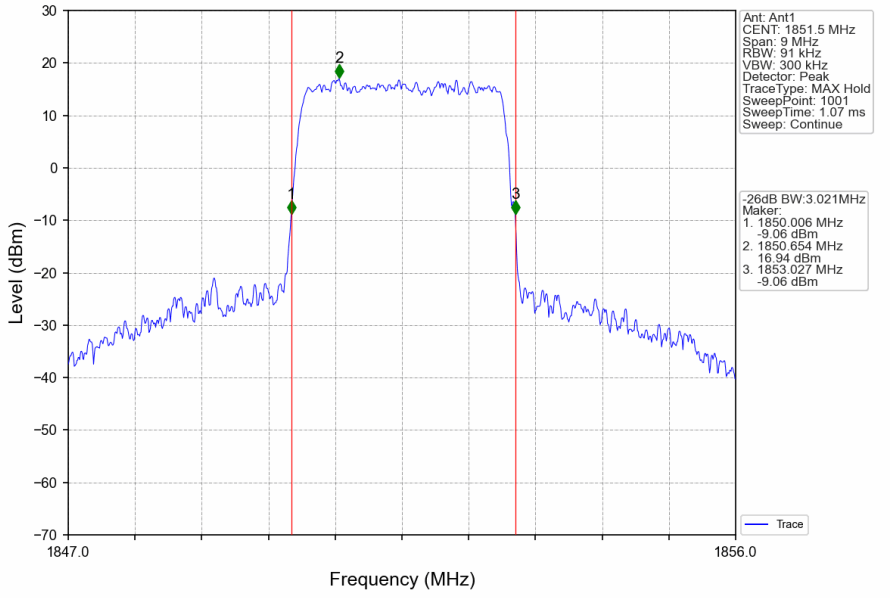
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



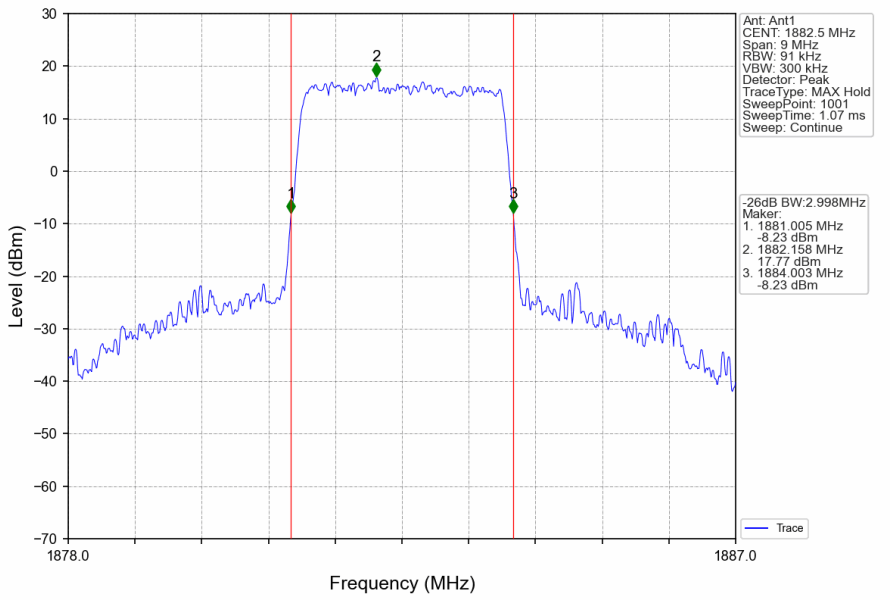
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



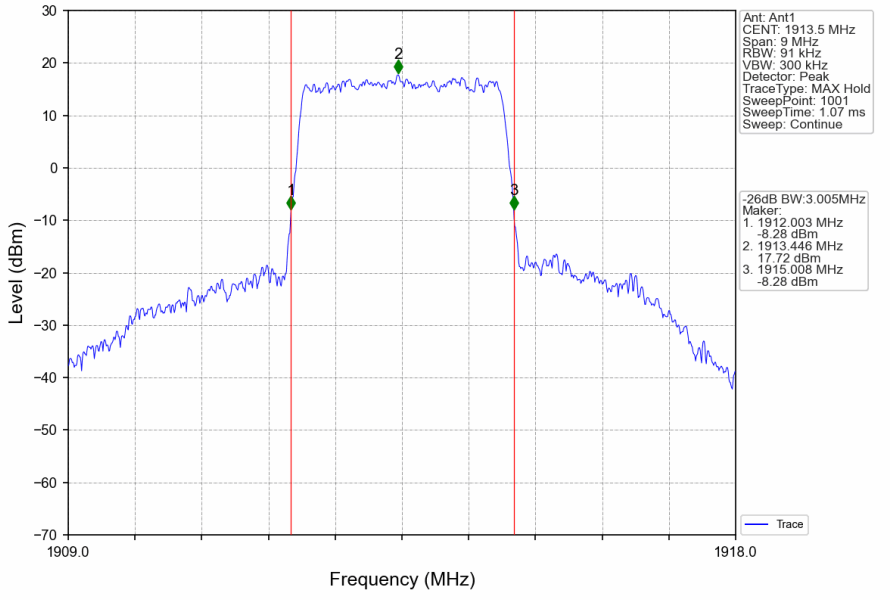
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



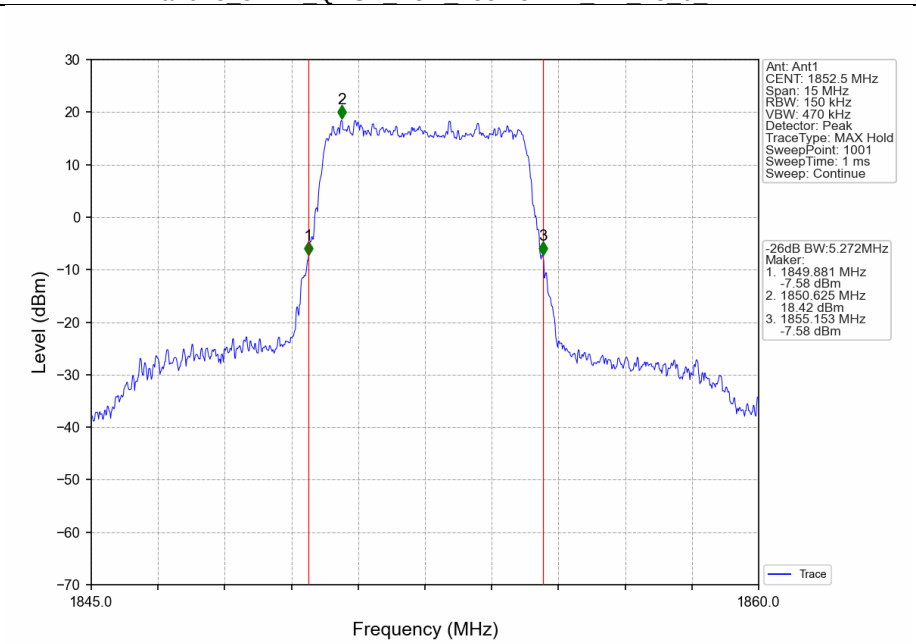
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



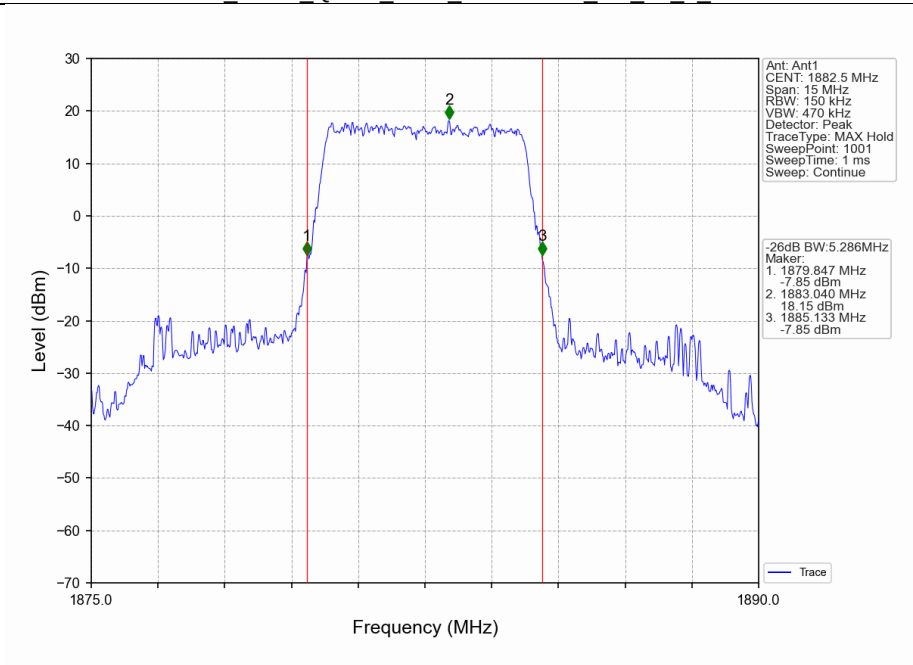
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



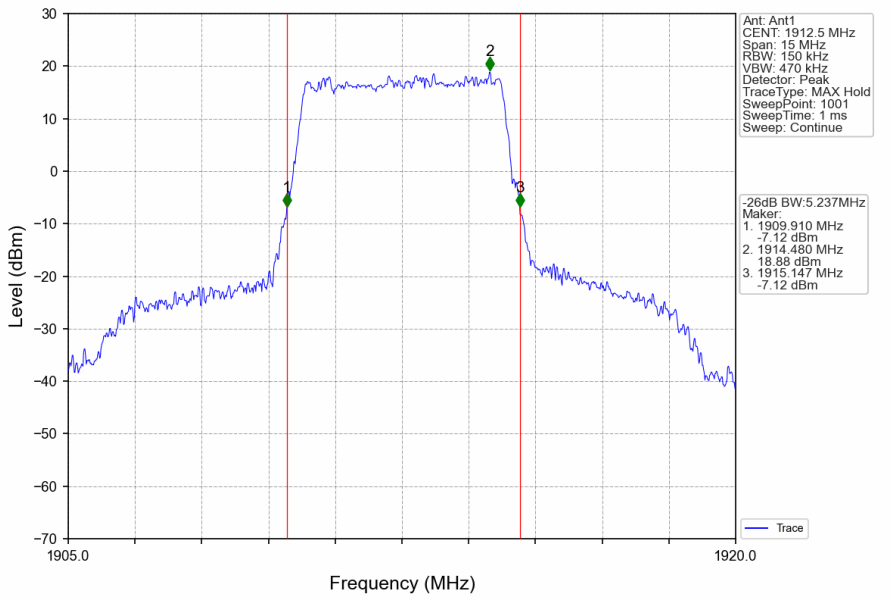
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



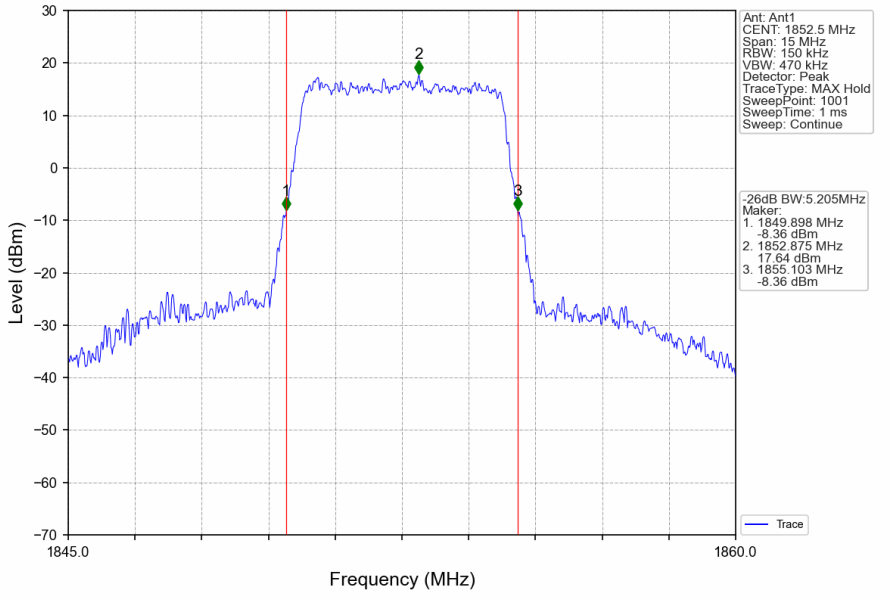
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



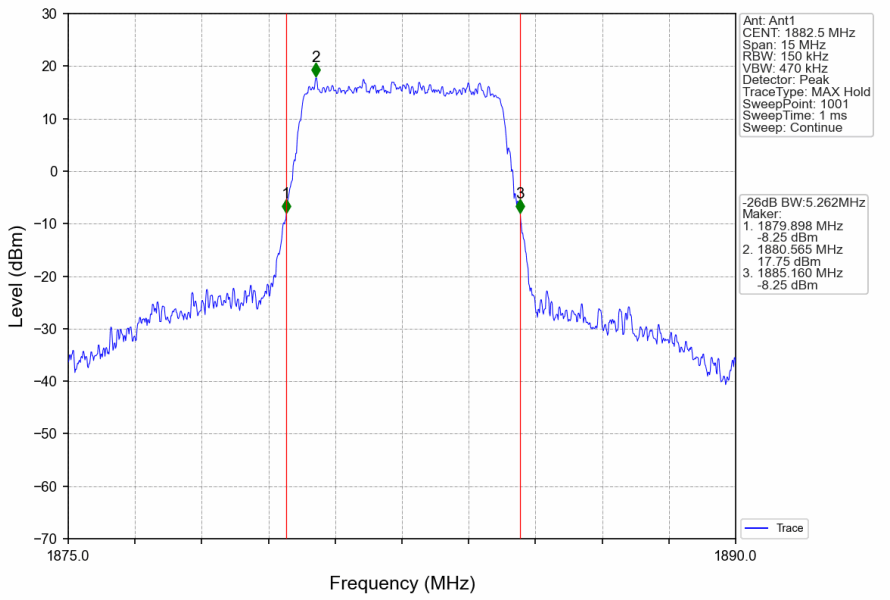
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



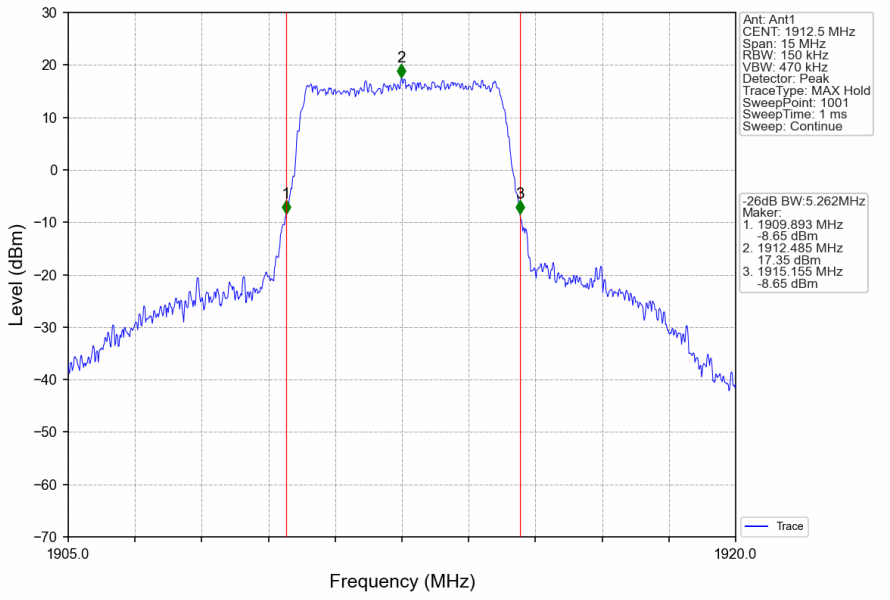
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



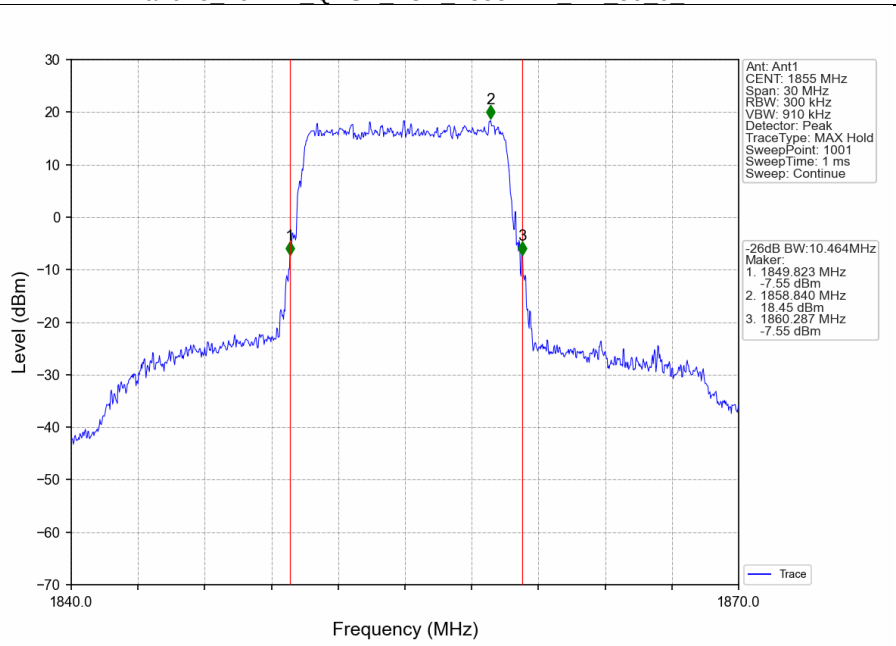
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



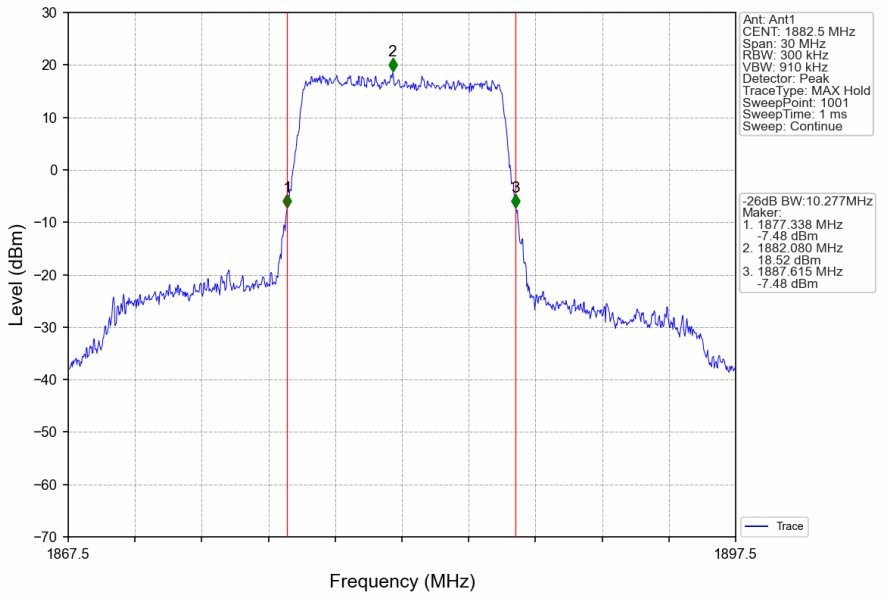
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



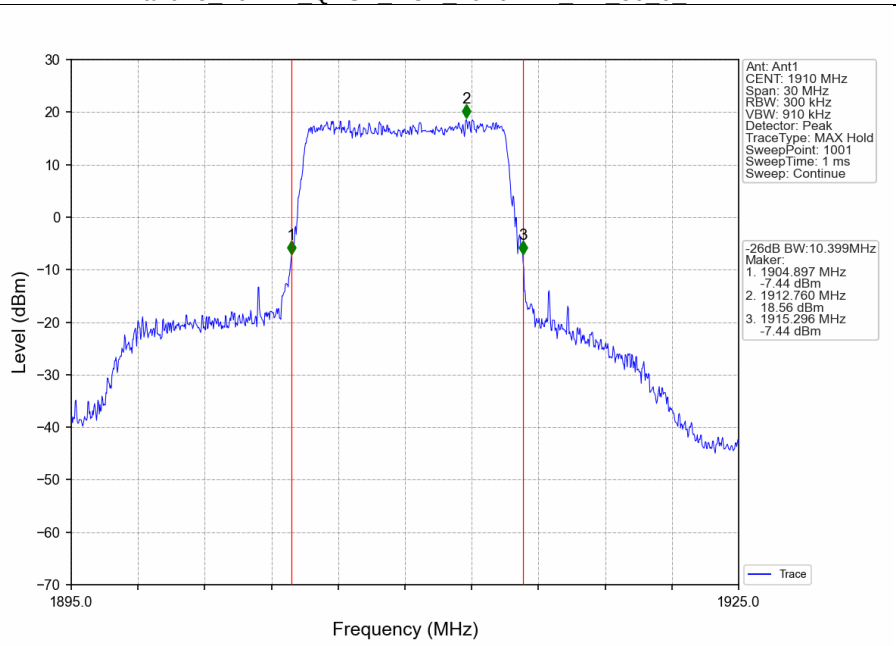
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



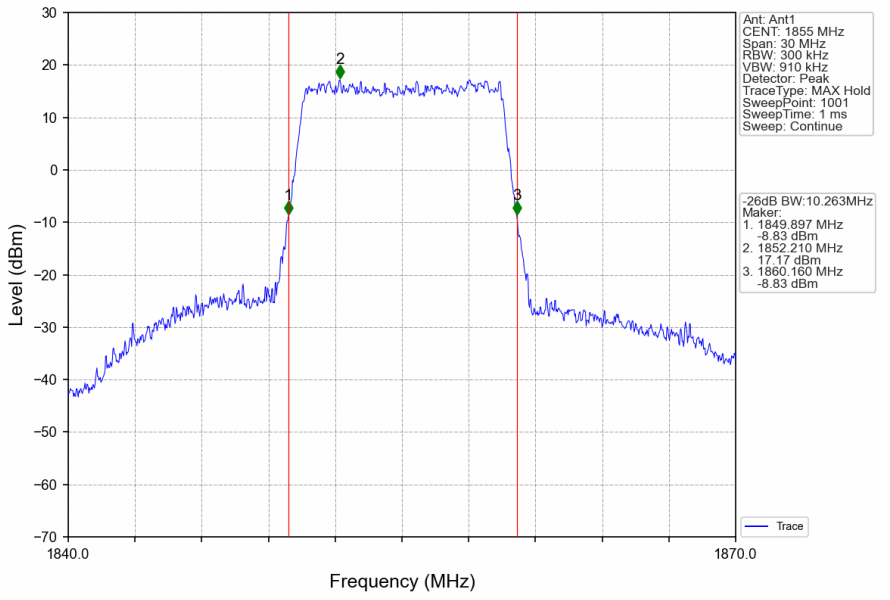
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



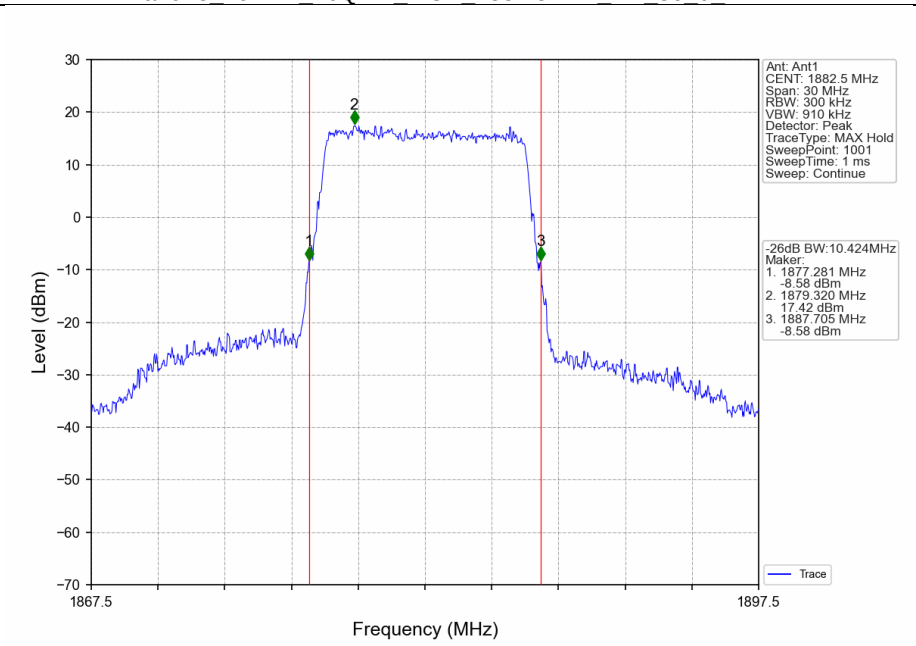
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



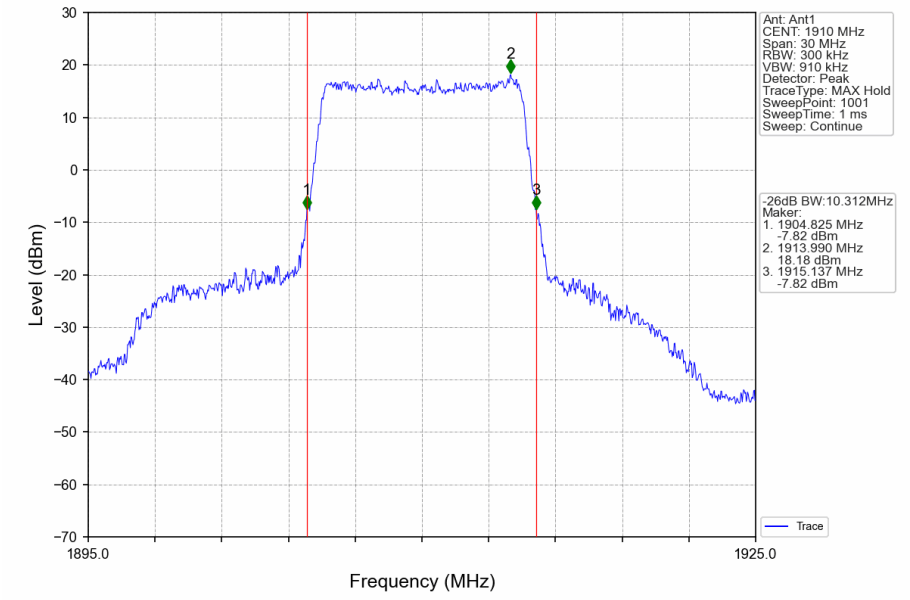
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



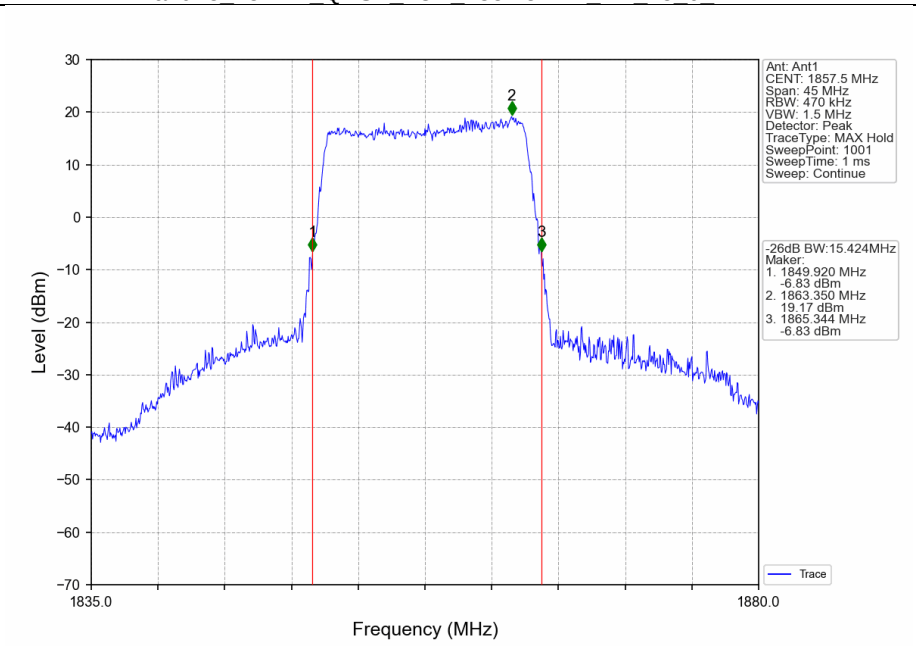
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



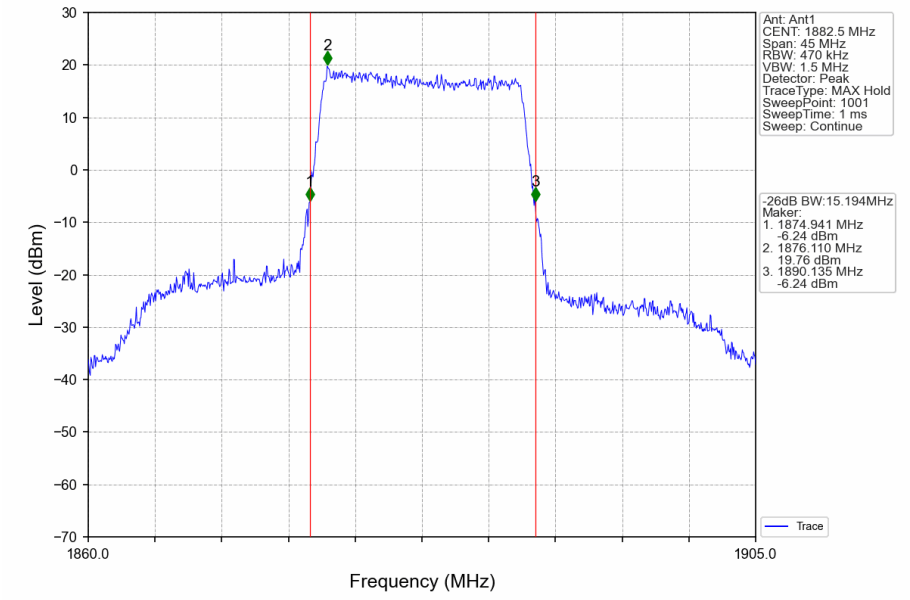
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



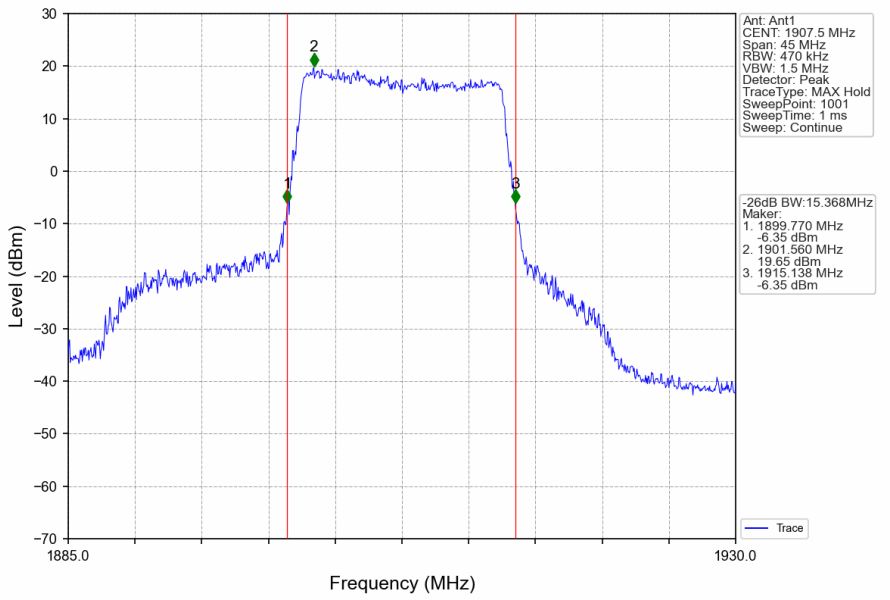
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



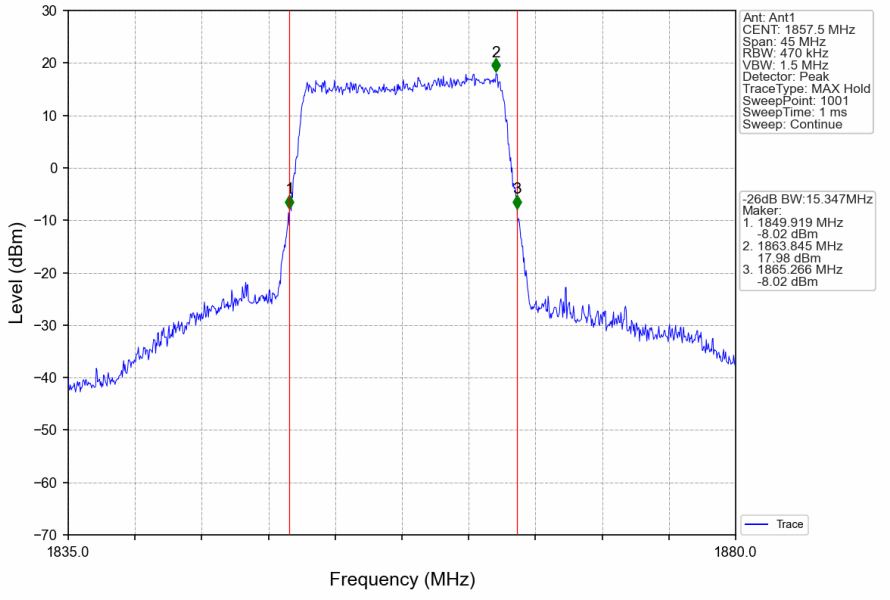
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



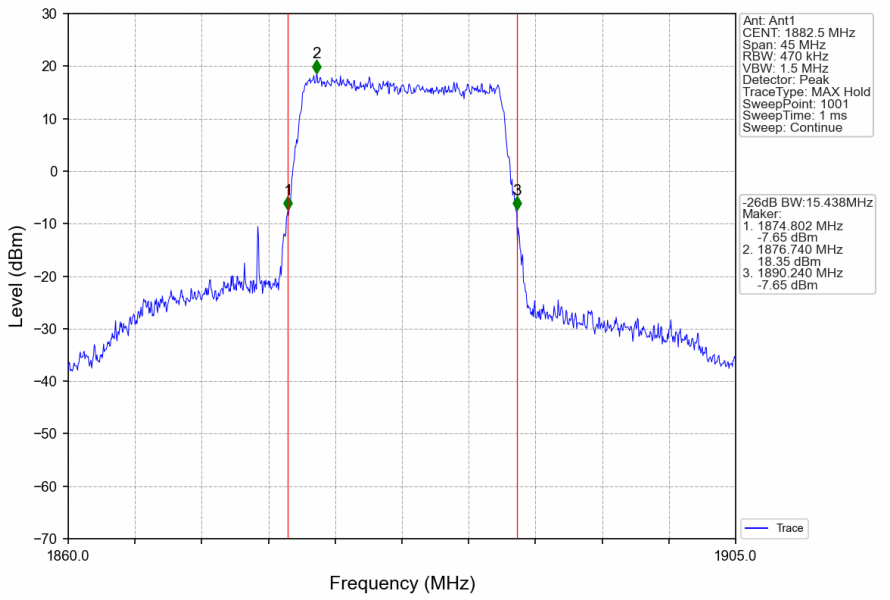
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



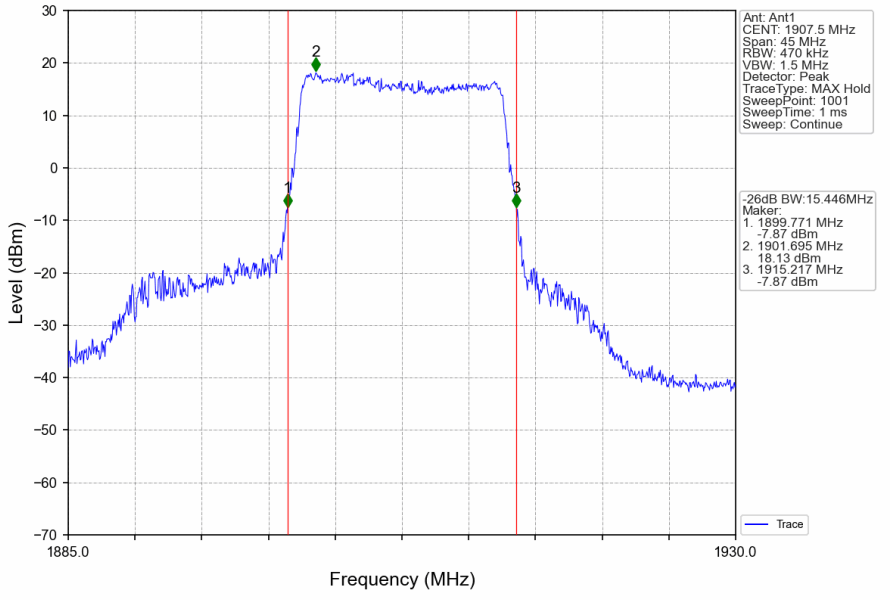
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



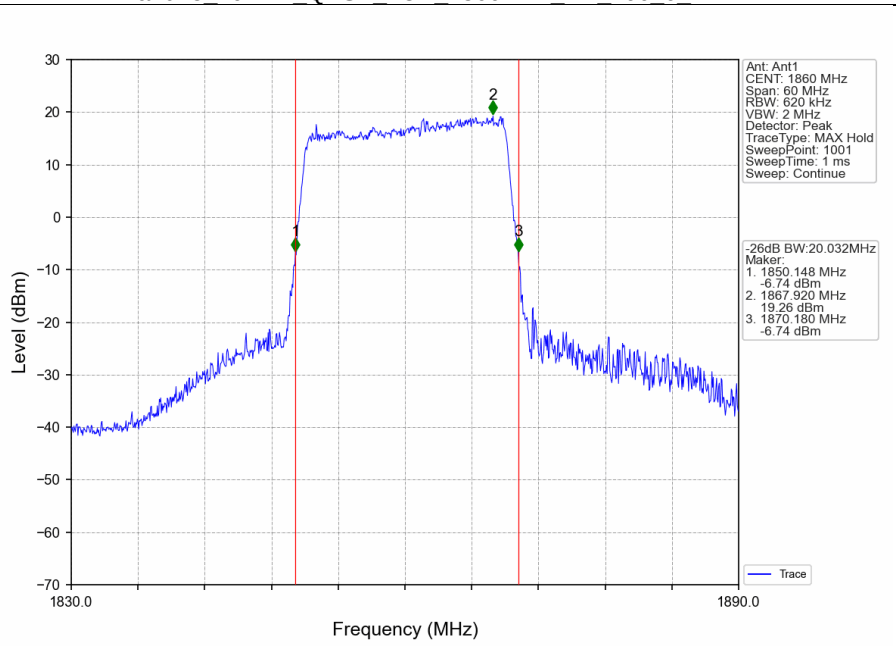
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



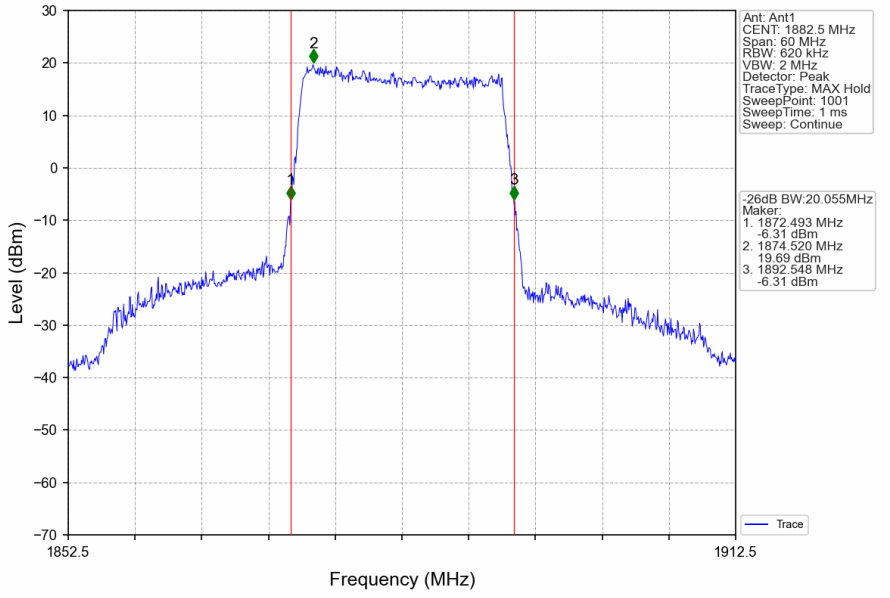
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



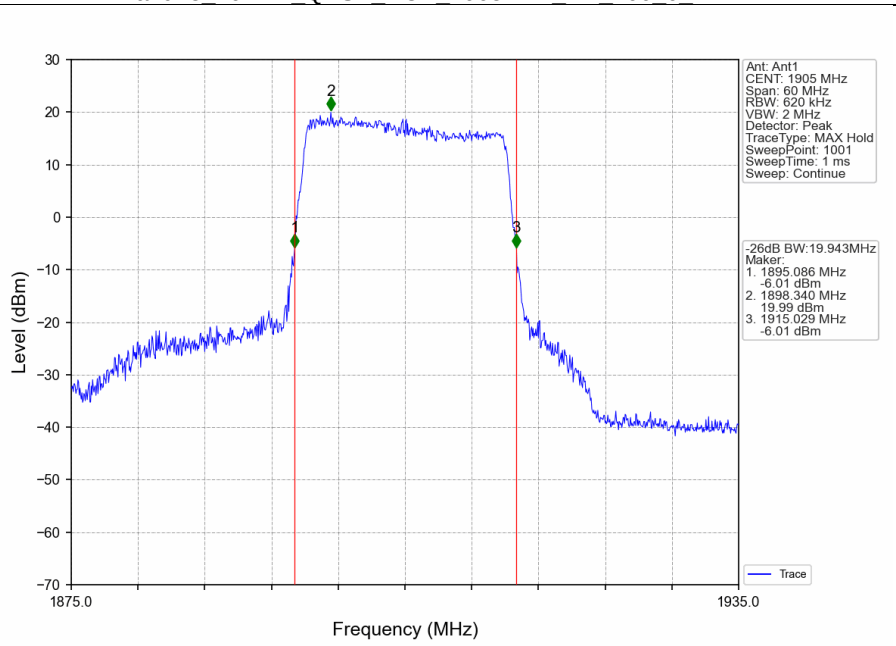
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



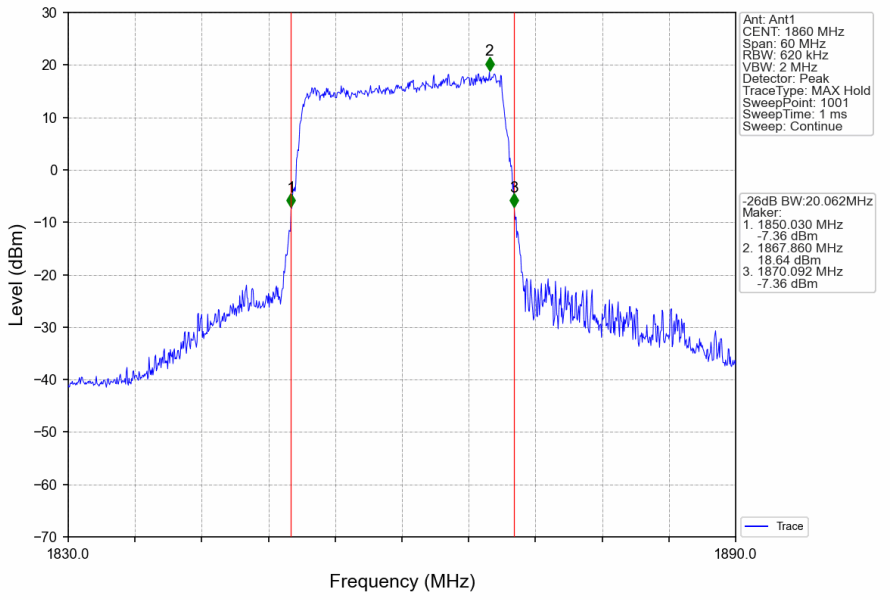
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



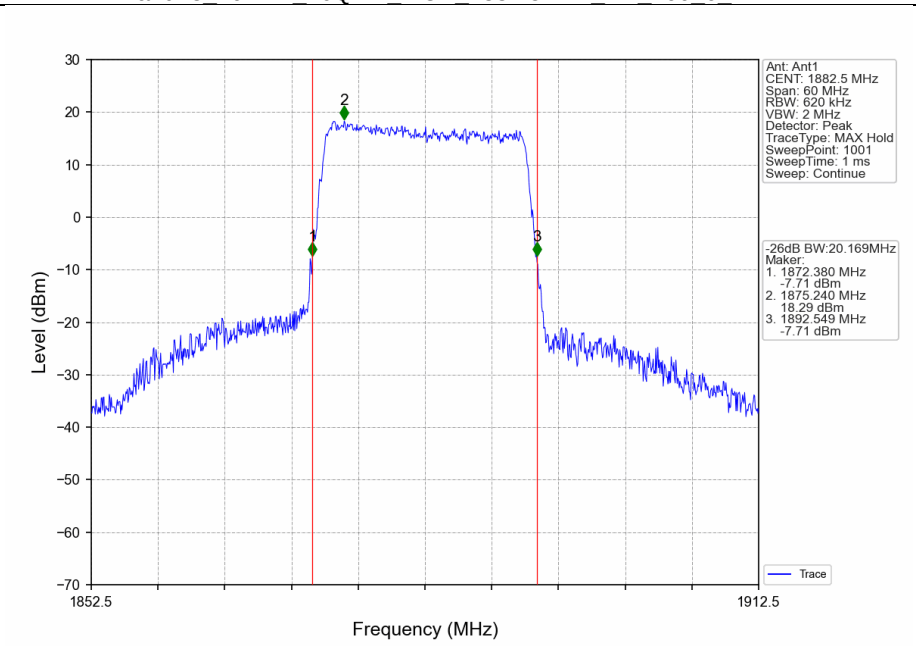
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



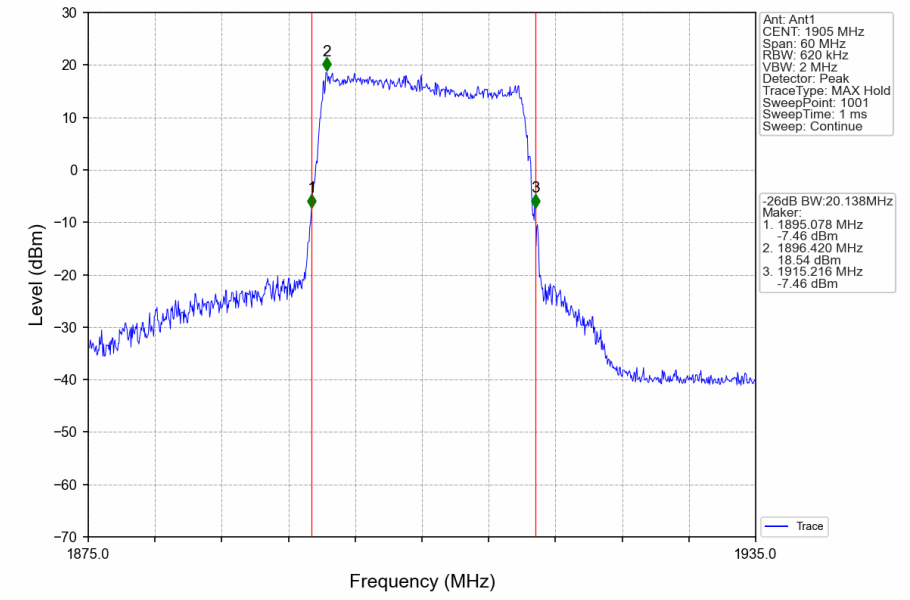
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



4. Peak-Average Ratio

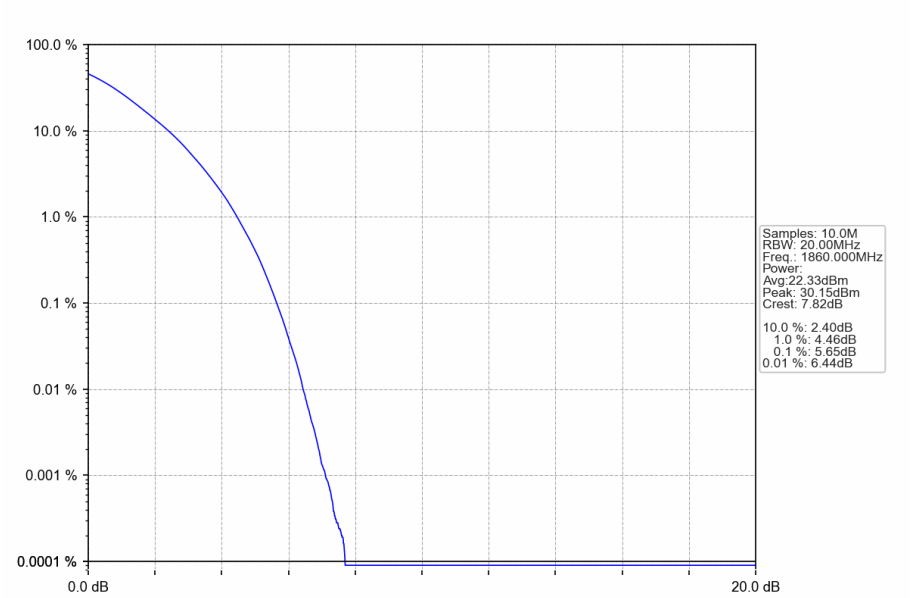
4.1 B25_20MHz

4.1.1 Test Result

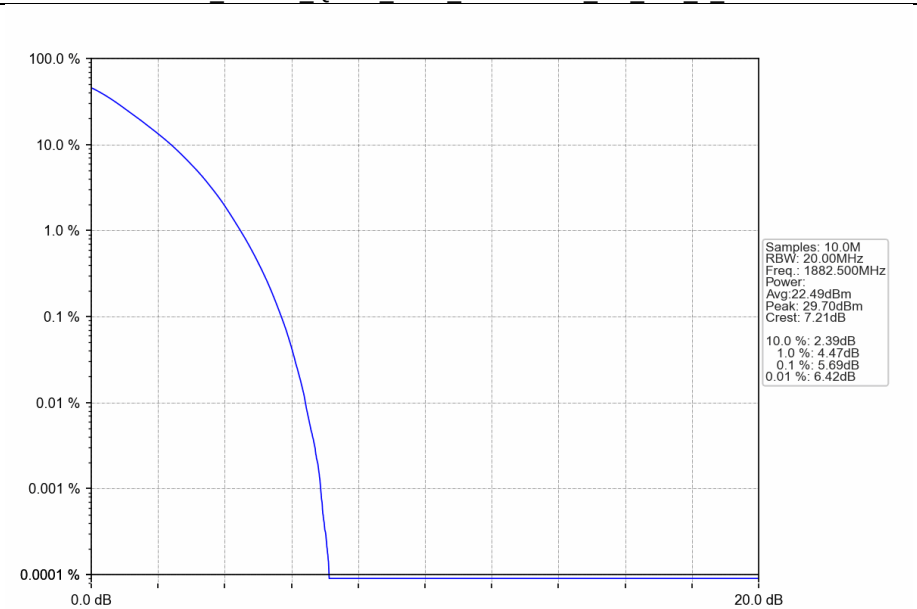
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.65	<=13	Pass
	1882.5	100	0	5.69	<=13	Pass
	1905	100	0	5.55	<=13	Pass
16QAM	1860	100	0	6.42	<=13	Pass
	1882.5	100	0	6.40	<=13	Pass
	1905	100	0	6.23	<=13	Pass

4.1.2 Test Graph

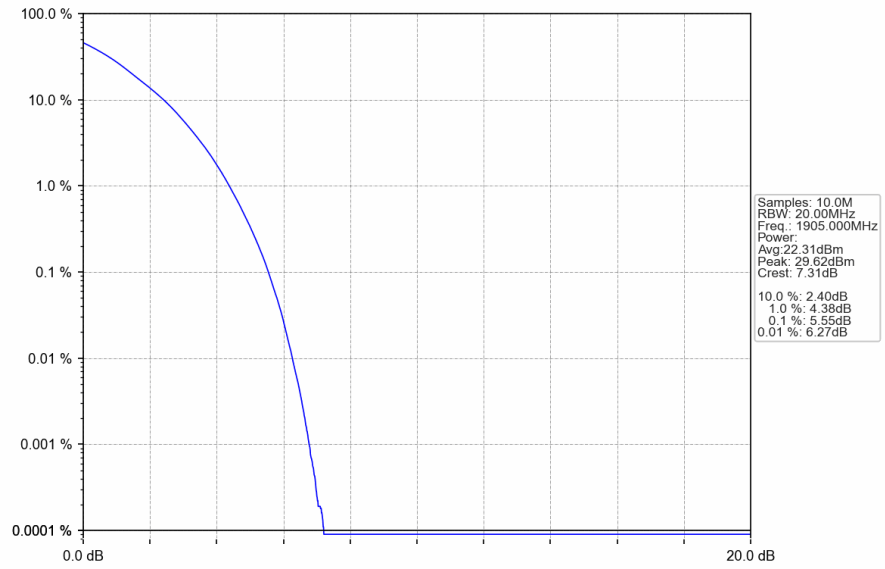
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



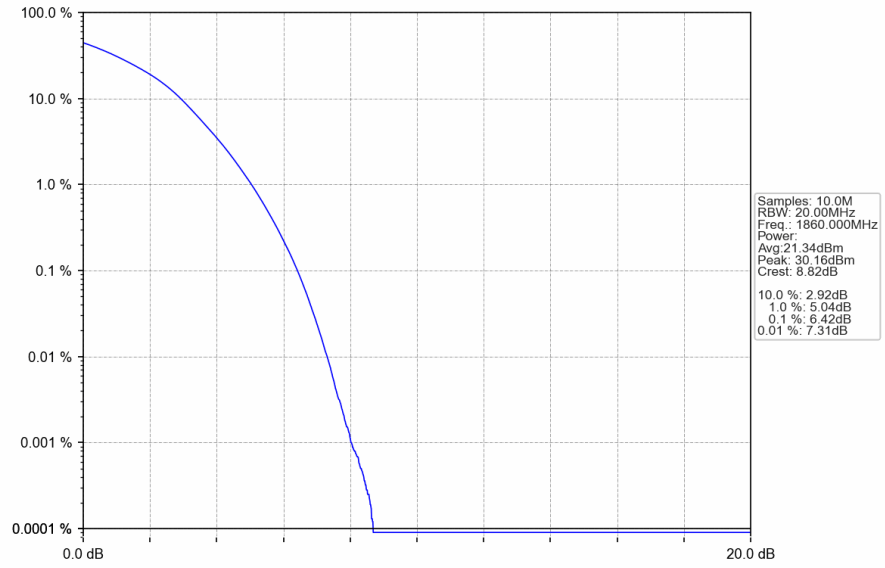
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



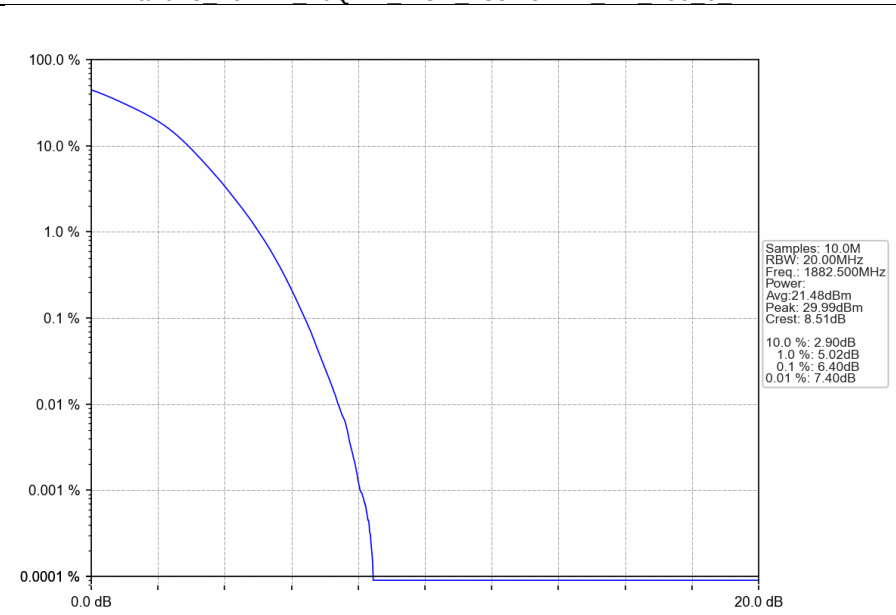
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



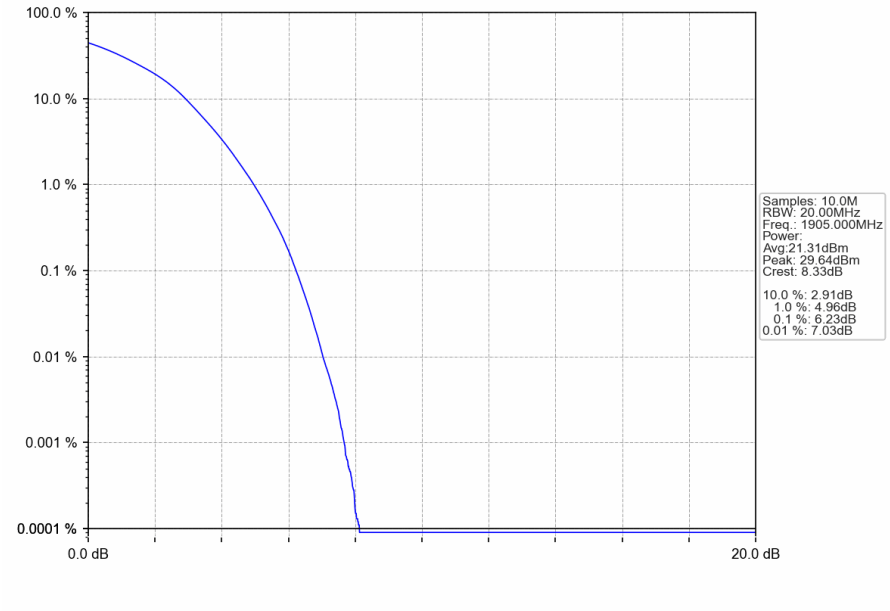
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Spurious Emission

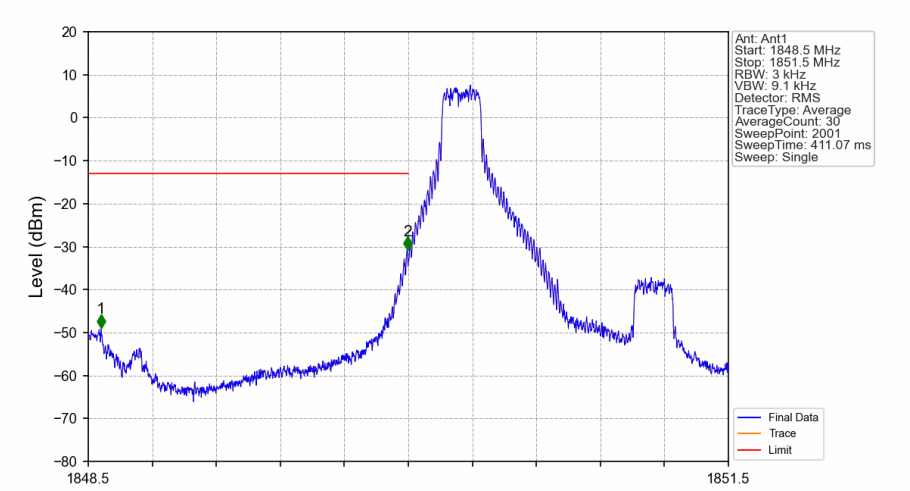
5.1 B25_1.4MHz

5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

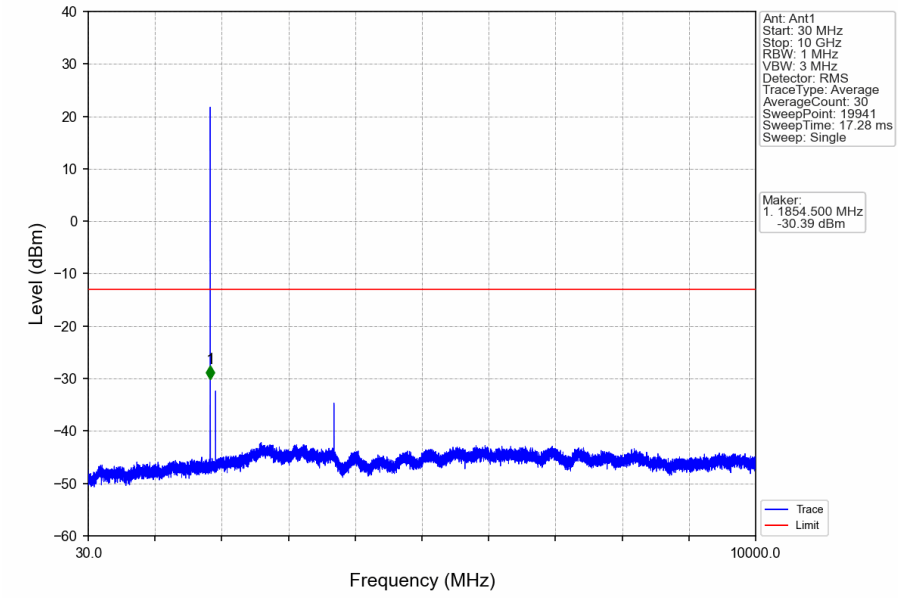
5.1.2 Test Graph

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

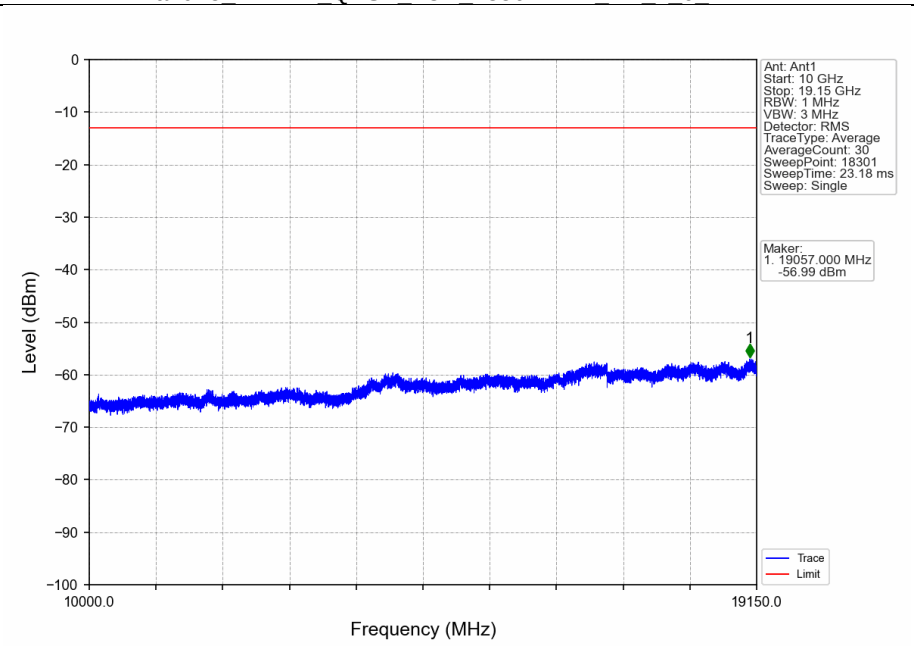


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.560	-48.90	-13	Pass
1849	1850	0.003	/	2	1849.995	-30.79	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

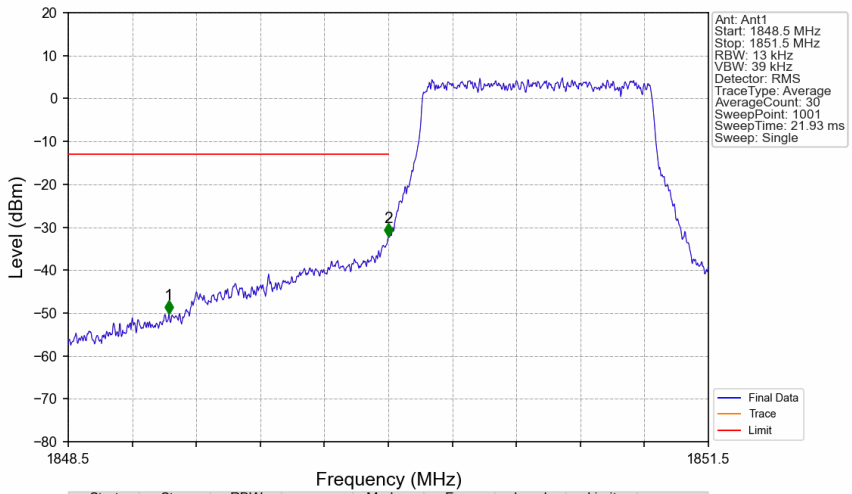
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

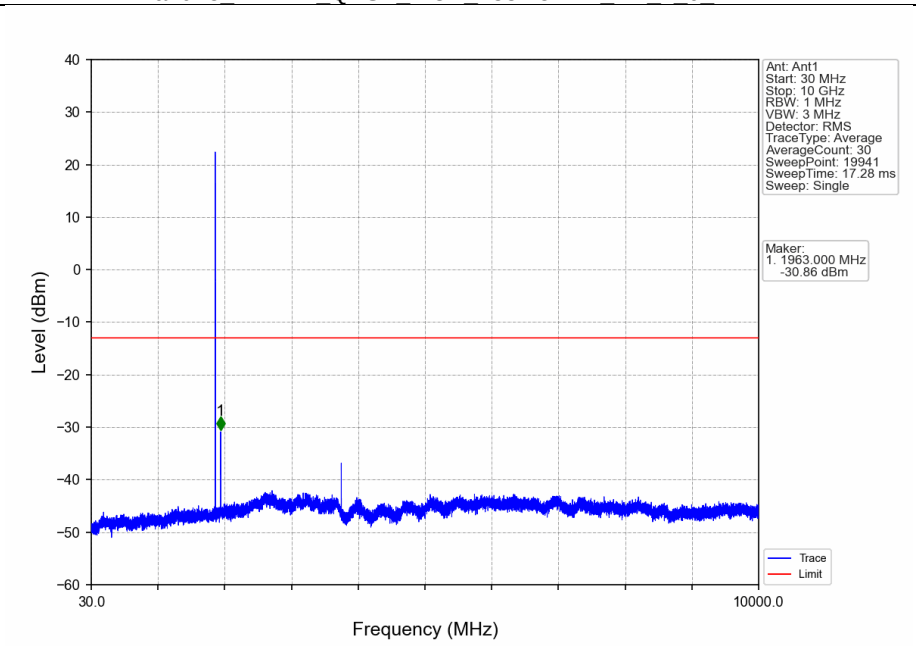


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

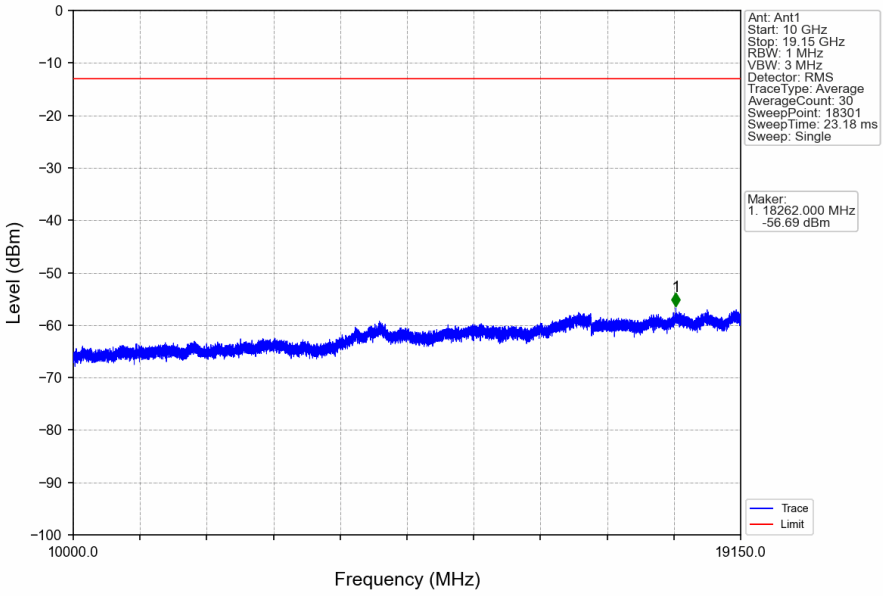


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.971	-50.27	-13	Pass
1849	1850	0.013	/	2	1850.000	-32.23	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

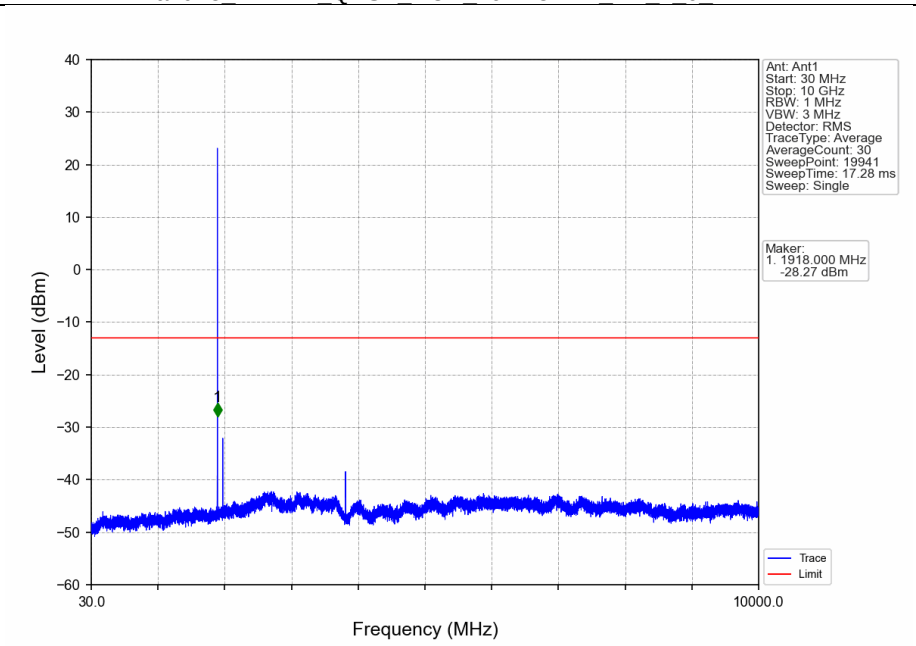
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



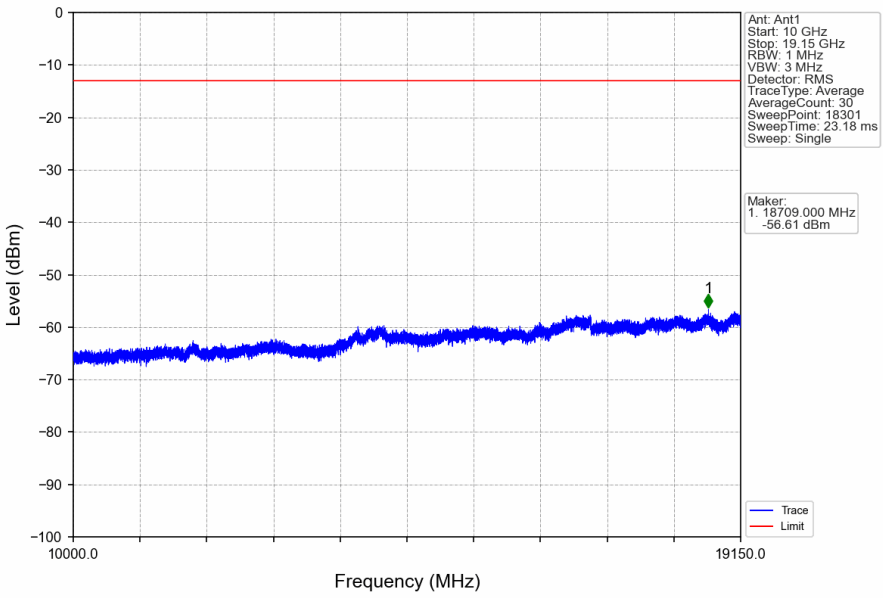
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



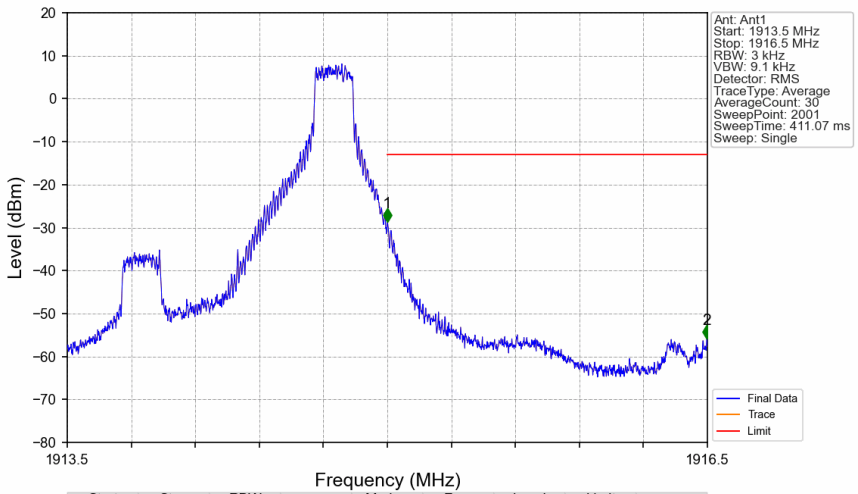
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

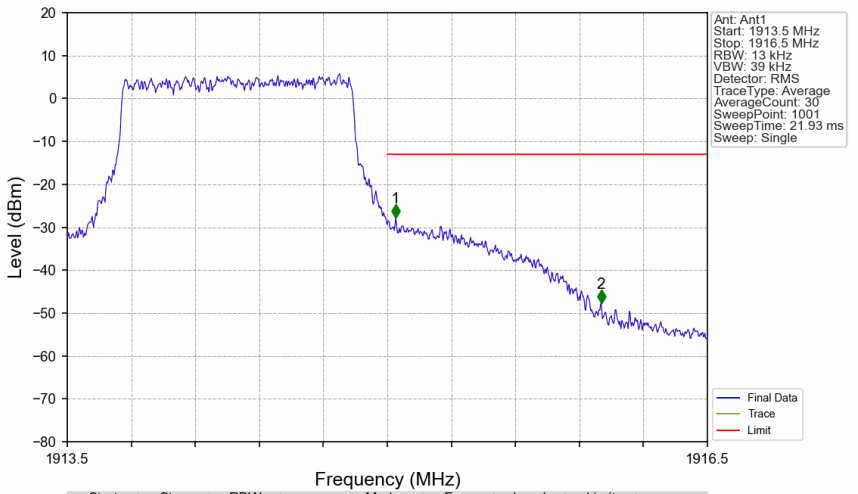


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.000	-28.74	-13	Pass
1916	1916.5	1	/	2	1916.497	-55.92	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.013	/	/	/	/	/	/
1915	1916	0.013	/	1	1915.039	-27.72	-13	Pass
1916	1916.5	1	/	2	1916.002	-47.65	-13	Pass

5.2 B25_3MHz

5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass