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	21.73	0.53	22.26	<=33.01	Pass
			2	21.85	0.53	22.38	<=33.01	Pass
			5	21.70	0.53	22.23	<=33.01	Pass
		3	0	21.74	0.53	22.27	<=33.01	Pass
			2	21.78	0.53	22.31	<=33.01	Pass
			3	21.79	0.53	22.32	<=33.01	Pass
		6	0	20.77	0.53	21.30	<=33.01	Pass
	1882.5	1	0	21.49	0.53	22.02	<=33.01	Pass
			2	21.60	0.53	22.13	<=33.01	Pass
			5	21.48	0.53	22.01	<=33.01	Pass
		3	0	21.55	0.53	22.08	<=33.01	Pass
			2	21.59	0.53	22.12	<=33.01	Pass
			3	21.53	0.53	22.06	<=33.01	Pass
		6	0	20.61	0.53	21.14	<=33.01	Pass
	1914.3	1	0	21.58	0.53	22.11	<=33.01	Pass
			2	21.71	0.53	22.24	<=33.01	Pass
			5	21.60	0.53	22.13	<=33.01	Pass
		3	0	21.60	0.53	22.13	<=33.01	Pass
			2	21.62	0.53	22.15	<=33.01	Pass
			3	21.57	0.53	22.10	<=33.01	Pass
		6	0	20.69	0.53	21.22	<=33.01	Pass
16QAM	1850.7	1	0	20.66	0.53	21.19	<=33.01	Pass
			2	20.78	0.53	21.31	<=33.01	Pass
			5	20.66	0.53	21.19	<=33.01	Pass
		3	0	20.72	0.53	21.25	<=33.01	Pass
			2	20.73	0.53	21.26	<=33.01	Pass
			3	20.67	0.53	21.20	<=33.01	Pass
		6	0	19.66	0.53	20.19	<=33.01	Pass
	1882.5	1	0	20.60	0.53	21.13	<=33.01	Pass
			2	20.72	0.53	21.25	<=33.01	Pass
			5	20.60	0.53	21.13	<=33.01	Pass
		3	0	20.44	0.53	20.97	<=33.01	Pass
			2	20.49	0.53	21.02	<=33.01	Pass
			3	20.47	0.53	21.00	<=33.01	Pass
		6	0	19.54	0.53	20.07	<=33.01	Pass
	1914.3	1	0	20.58	0.53	21.11	<=33.01	Pass
			2	20.62	0.53	21.15	<=33.01	Pass
			5	20.57	0.53	21.10	<=33.01	Pass
		3	0	20.60	0.53	21.13	<=33.01	Pass
			2	20.60	0.53	21.13	<=33.01	Pass
			3	20.57	0.53	21.10	<=33.01	Pass
		6	0	19.57	0.53	20.10	<=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	21.79	0.53	22.32	<=33.01	Pass
			7	21.86	0.53	22.39	<=33.01	Pass
			14	21.74	0.53	22.27	<=33.01	Pass
		8	0	20.74	0.53	21.27	<=33.01	Pass
			4	20.73	0.53	21.26	<=33.01	Pass
			7	20.70	0.53	21.23	<=33.01	Pass
		15	0	20.65	0.53	21.18	<=33.01	Pass
	1882.5	1	0	21.59	0.53	22.12	<=33.01	Pass
			7	21.78	0.53	22.31	<=33.01	Pass
			14	21.59	0.53	22.12	<=33.01	Pass
		8	0	20.62	0.53	21.15	<=33.01	Pass
			4	20.61	0.53	21.14	<=33.01	Pass
			7	20.61	0.53	21.14	<=33.01	Pass
		15	0	20.57	0.53	21.10	<=33.01	Pass
	1913.5	1	0	21.61	0.53	22.14	<=33.01	Pass
			7	21.74	0.53	22.27	<=33.01	Pass
			14	21.60	0.53	22.13	<=33.01	Pass
		8	0	20.63	0.53	21.16	<=33.01	Pass
			4	20.67	0.53	21.20	<=33.01	Pass
			7	20.62	0.53	21.15	<=33.01	Pass
		15	0	20.60	0.53	21.13	<=33.01	Pass
16QAM	1851.5	1	0	20.75	0.53	21.28	<=33.01	Pass
			7	20.83	0.53	21.36	<=33.01	Pass
			14	20.68	0.53	21.21	<=33.01	Pass
		8	0	19.74	0.53	20.27	<=33.01	Pass
			4	19.76	0.53	20.29	<=33.01	Pass
			7	19.71	0.53	20.24	<=33.01	Pass
		15	0	19.68	0.53	20.21	<=33.01	Pass
	1882.5	1	0	20.71	0.53	21.24	<=33.01	Pass
			7	20.83	0.53	21.36	<=33.01	Pass
			14	20.72	0.53	21.25	<=33.01	Pass
		8	0	19.55	0.53	20.08	<=33.01	Pass
			4	19.58	0.53	20.11	<=33.01	Pass
			7	19.55	0.53	20.08	<=33.01	Pass
		15	0	19.49	0.53	20.02	<=33.01	Pass
	1913.5	1	0	21.11	0.53	21.64	<=33.01	Pass
			7	21.21	0.53	21.74	<=33.01	Pass
			14	21.03	0.53	21.56	<=33.01	Pass
		8	0	19.73	0.53	20.26	<=33.01	Pass
			4	19.79	0.53	20.32	<=33.01	Pass
			7	19.75	0.53	20.28	<=33.01	Pass
		15	0	19.62	0.53	20.15	<=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	21.65	0.53	22.18	<=33.01	Pass
			13	21.74	0.53	22.27	<=33.01	Pass
			24	21.57	0.53	22.10	<=33.01	Pass

		12	0	20.64	0.53	21.17	<=33.01	Pass
			6	20.66	0.53	21.19	<=33.01	Pass
			13	20.59	0.53	21.12	<=33.01	Pass
		25	0	20.61	0.53	21.14	<=33.01	Pass
	1882.5	1	0	21.47	0.53	22.00	<=33.01	Pass
			13	21.61	0.53	22.14	<=33.01	Pass
			24	21.51	0.53	22.04	<=33.01	Pass
		12	0	20.53	0.53	21.06	<=33.01	Pass
			6	20.60	0.53	21.13	<=33.01	Pass
			13	20.53	0.53	21.06	<=33.01	Pass
		25	0	20.56	0.53	21.09	<=33.01	Pass
	1912.5	1	0	21.55	0.53	22.08	<=33.01	Pass
			13	21.30	0.53	21.83	<=33.01	Pass
			24	21.32	0.53	21.85	<=33.01	Pass
		12	0	20.41	0.53	20.94	<=33.01	Pass
			6	20.61	0.53	21.14	<=33.01	Pass
			13	20.50	0.53	21.03	<=33.01	Pass
		25	0	20.51	0.53	21.04	<=33.01	Pass
16QAM	1852.5	1	0	20.69	0.53	21.22	<=33.01	Pass
			13	20.79	0.53	21.32	<=33.01	Pass
			24	20.65	0.53	21.18	<=33.01	Pass
		12	0	19.58	0.53	20.11	<=33.01	Pass
			6	19.58	0.53	20.11	<=33.01	Pass
			13	19.52	0.53	20.05	<=33.01	Pass
		25	0	19.60	0.53	20.13	<=33.01	Pass
	1882.5	1	0	20.72	0.53	21.25	<=33.01	Pass
			13	20.82	0.53	21.35	<=33.01	Pass
			24	20.75	0.53	21.28	<=33.01	Pass
		12	0	19.54	0.53	20.07	<=33.01	Pass
			6	19.58	0.53	20.11	<=33.01	Pass
			13	19.49	0.53	20.02	<=33.01	Pass
		25	0	19.55	0.53	20.08	<=33.01	Pass
	1912.5	1	0	20.33	0.53	20.86	<=33.01	Pass
			13	20.36	0.53	20.89	<=33.01	Pass
			24	20.36	0.53	20.89	<=33.01	Pass
		12	0	19.52	0.53	20.05	<=33.01	Pass
			6	19.59	0.53	20.12	<=33.01	Pass
			13	19.48	0.53	20.01	<=33.01	Pass
		25	0	19.52	0.53	20.05	<=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	21.72	0.53	22.25	<=33.01	Pass
			25	21.82	0.53	22.35	<=33.01	Pass
			49	21.61	0.53	22.14	<=33.01	Pass
		25	0	20.63	0.53	21.16	<=33.01	Pass
			13	20.60	0.53	21.13	<=33.01	Pass
			25	20.62	0.53	21.15	<=33.01	Pass
		50	0	20.57	0.53	21.10	<=33.01	Pass
	1882.5	1	0	21.51	0.53	22.04	<=33.01	Pass
			25	21.66	0.53	22.19	<=33.01	Pass

			49	21.55	0.53	22.08	<=33.01	Pass
		25	0	20.60	0.53	21.13	<=33.01	Pass
			13	20.60	0.53	21.13	<=33.01	Pass
			25	20.56	0.53	21.09	<=33.01	Pass
		50	0	20.56	0.53	21.09	<=33.01	Pass
	1910	1	0	21.60	0.53	22.13	<=33.01	Pass
			25	21.74	0.53	22.27	<=33.01	Pass
			49	21.55	0.53	22.08	<=33.01	Pass
		25	0	20.66	0.53	21.19	<=33.01	Pass
			13	20.63	0.53	21.16	<=33.01	Pass
			25	20.55	0.53	21.08	<=33.01	Pass
		50	0	20.60	0.53	21.13	<=33.01	Pass
16QAM	1855	1	0	20.67	0.53	21.20	<=33.01	Pass
			25	20.75	0.53	21.28	<=33.01	Pass
			49	20.58	0.53	21.11	<=33.01	Pass
		25	0	19.68	0.53	20.21	<=33.01	Pass
			13	19.63	0.53	20.16	<=33.01	Pass
			25	19.66	0.53	20.19	<=33.01	Pass
		50	0	19.57	0.53	20.10	<=33.01	Pass
	1882.5	1	0	20.63	0.53	21.16	<=33.01	Pass
			25	20.81	0.53	21.34	<=33.01	Pass
			49	20.71	0.53	21.24	<=33.01	Pass
		25	0	19.59	0.53	20.12	<=33.01	Pass
			13	19.62	0.53	20.15	<=33.01	Pass
			25	19.55	0.53	20.08	<=33.01	Pass
		50	0	19.56	0.53	20.09	<=33.01	Pass
	1910	1	0	21.07	0.53	21.60	<=33.01	Pass
			25	21.24	0.53	21.77	<=33.01	Pass
			49	21.01	0.53	21.54	<=33.01	Pass
		25	0	19.68	0.53	20.21	<=33.01	Pass
			13	19.65	0.53	20.18	<=33.01	Pass
			25	19.57	0.53	20.10	<=33.01	Pass
		50	0	19.61	0.53	20.14	<=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	21.66	0.53	22.19	<=33.01	Pass
			38	21.65	0.53	22.18	<=33.01	Pass
			74	21.47	0.53	22.00	<=33.01	Pass
		36	0	20.72	0.53	21.25	<=33.01	Pass
			18	20.69	0.53	21.22	<=33.01	Pass
			39	20.68	0.53	21.21	<=33.01	Pass
		75	0	20.68	0.53	21.21	<=33.01	Pass
	1882.5	1	0	21.40	0.53	21.93	<=33.01	Pass
			38	21.52	0.53	22.05	<=33.01	Pass
			74	21.47	0.53	22.00	<=33.01	Pass
		36	0	20.64	0.53	21.17	<=33.01	Pass
			18	20.63	0.53	21.16	<=33.01	Pass
			39	20.57	0.53	21.10	<=33.01	Pass
		75	0	20.66	0.53	21.19	<=33.01	Pass
	1907.5	1	0	21.52	0.53	22.05	<=33.01	Pass

			38	21.61	0.53	22.14	<=33.01	Pass
			74	21.45	0.53	21.98	<=33.01	Pass
		36	0	20.79	0.53	21.32	<=33.01	Pass
			18	20.71	0.53	21.24	<=33.01	Pass
			39	20.64	0.53	21.17	<=33.01	Pass
		75	0	20.72	0.53	21.25	<=33.01	Pass
16QAM	1857.5	1	0	20.88	0.53	21.41	<=33.01	Pass
			38	20.86	0.53	21.39	<=33.01	Pass
			74	20.78	0.53	21.31	<=33.01	Pass
		36	0	19.63	0.53	20.16	<=33.01	Pass
			18	19.58	0.53	20.11	<=33.01	Pass
			39	19.63	0.53	20.16	<=33.01	Pass
		75	0	19.63	0.53	20.16	<=33.01	Pass
	1882.5	1	0	20.51	0.53	21.04	<=33.01	Pass
			38	20.65	0.53	21.18	<=33.01	Pass
			74	20.60	0.53	21.13	<=33.01	Pass
		36	0	19.57	0.53	20.10	<=33.01	Pass
			18	19.55	0.53	20.08	<=33.01	Pass
			39	19.55	0.53	20.08	<=33.01	Pass
		75	0	19.59	0.53	20.12	<=33.01	Pass
	1907.5	1	0	21.04	0.53	21.57	<=33.01	Pass
			38	21.11	0.53	21.64	<=33.01	Pass
			74	20.94	0.53	21.47	<=33.01	Pass
		36	0	19.73	0.53	20.26	<=33.01	Pass
			18	19.65	0.53	20.18	<=33.01	Pass
			39	19.59	0.53	20.12	<=33.01	Pass
		75	0	19.70	0.53	20.23	<=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	21.43	0.53	21.96	<=33.01	Pass
			50	21.70	0.53	22.23	<=33.01	Pass
			99	21.25	0.53	21.78	<=33.01	Pass
		50	0	20.56	0.53	21.09	<=33.01	Pass
			25	20.60	0.53	21.13	<=33.01	Pass
			50	20.65	0.53	21.18	<=33.01	Pass
		100	0	20.59	0.53	21.12	<=33.01	Pass
	1882.5	1	0	21.26	0.53	21.79	<=33.01	Pass
			50	21.75	0.53	22.28	<=33.01	Pass
			99	21.43	0.53	21.96	<=33.01	Pass
		50	0	20.68	0.53	21.21	<=33.01	Pass
			25	20.59	0.53	21.12	<=33.01	Pass
			50	20.56	0.53	21.09	<=33.01	Pass
		100	0	20.66	0.53	21.19	<=33.01	Pass
	1905	1	0	21.38	0.53	21.91	<=33.01	Pass
			50	21.83	0.53	22.36	<=33.01	Pass
			99	21.33	0.53	21.86	<=33.01	Pass
		50	0	20.69	0.53	21.22	<=33.01	Pass
			25	20.68	0.53	21.21	<=33.01	Pass
			50	20.55	0.53	21.08	<=33.01	Pass
		100	0	20.62	0.53	21.15	<=33.01	Pass

16QAM	1860	1	0	20.88	0.53	21.41	<=33.01	Pass
			50	21.18	0.53	21.71	<=33.01	Pass
			99	20.72	0.53	21.25	<=33.01	Pass
		50	0	19.52	0.53	20.05	<=33.01	Pass
			25	19.52	0.53	20.05	<=33.01	Pass
			50	19.60	0.53	20.13	<=33.01	Pass
		100	0	19.59	0.53	20.12	<=33.01	Pass
	1882.5	1	0	20.40	0.53	20.93	<=33.01	Pass
			50	20.85	0.53	21.38	<=33.01	Pass
			99	20.62	0.53	21.15	<=33.01	Pass
		50	0	19.68	0.53	20.21	<=33.01	Pass
			25	19.53	0.53	20.06	<=33.01	Pass
			50	19.54	0.53	20.07	<=33.01	Pass
		100	0	19.62	0.53	20.15	<=33.01	Pass
	1905	1	0	20.66	0.53	21.19	<=33.01	Pass
			50	20.98	0.53	21.51	<=33.01	Pass
			99	20.59	0.53	21.12	<=33.01	Pass
		50	0	19.65	0.53	20.18	<=33.01	Pass
			25	19.62	0.53	20.15	<=33.01	Pass
			50	19.48	0.53	20.01	<=33.01	Pass
		100	0	19.58	0.53	20.11	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-6.495	-0.0035	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0039	-2.5 to 2.5	Pass
				10	3.85	7.668	0.0041	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	7.010	0.0038	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	7.911	0.0042	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	6.838	0.0036	-2.5 to 2.5	Pass
					3.85	6.924	0.0036	-2.5 to 2.5	Pass

					4.43	3.290	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				0	3.85	8.769	0.0046	-2.5 to 2.5	Pass
				10	3.85	7.682	0.0040	-2.5 to 2.5	Pass
				30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				40	3.85	8.154	0.0043	-2.5 to 2.5	Pass
				50	3.85	7.582	0.0040	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	5.393	0.0029	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0043	-2.5 to 2.5	Pass
				50	3.85	4.020	0.0022	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	4.706	0.0025	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				40	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	9.227	0.0048	-2.5 to 2.5	Pass
					4.43	3.147	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.021	0.0026	-2.5 to 2.5	Pass
				0	3.85	5.522	0.0029	-2.5 to 2.5	Pass
				10	3.85	6.480	0.0034	-2.5 to 2.5	Pass
				30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.532	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.847	0.0015	-2.5 to 2.5	Pass

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	6.852	0.0037	-2.5 to 2.5	Pass
					3.85	4.478	0.0024	-2.5 to 2.5	Pass
					4.43	6.967	0.0038	-2.5 to 2.5	Pass
				-30	3.85	6.795	0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.626	0.0047	-2.5 to 2.5	Pass
				0	3.85	8.125	0.0044	-2.5 to 2.5	Pass

				10	3.85	10.457	0.0056	-2.5 to 2.5	Pass
				30	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass
				50	3.85	7.553	0.0041	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	9.227	0.0049	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	5.965	0.0032	-2.5 to 2.5	Pass
				-30	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				10	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0014	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	5.450	0.0028	-2.5 to 2.5	Pass
					3.85	3.805	0.0020	-2.5 to 2.5	Pass
					4.43	6.909	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0046	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				10	3.85	6.924	0.0036	-2.5 to 2.5	Pass
				30	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				40	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0017	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	6.752	0.0036	-2.5 to 2.5	Pass
					3.85	6.781	0.0037	-2.5 to 2.5	Pass
					4.43	11.001	0.0059	-2.5 to 2.5	Pass
				-30	3.85	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.397	0.0045	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				0	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				30	3.85	13.475	0.0073	-2.5 to 2.5	Pass
				40	3.85	4.706	0.0025	-2.5 to 2.5	Pass
				50	3.85	6.022	0.0033	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	3.891	0.0021	-2.5 to 2.5	Pass
					3.85	4.292	0.0023	-2.5 to 2.5	Pass
					4.43	11.373	0.0060	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	4.563	0.0024	-2.5 to 2.5	Pass
					3.85	2.060	0.0011	-2.5 to 2.5	Pass
					4.43	7.939	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				30	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	6.895	0.0037	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	2.689	0.0014	-2.5 to 2.5	Pass
					3.85	8.111	0.0042	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0020	-2.5 to 2.5	Pass
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				30	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				40	3.85	4.406	0.0024	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0005	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.815	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass

				-10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0001	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	3.448	0.0018	-2.5 to 2.5	Pass
					3.85	2.317	0.0012	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.519	0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	1.216	0.0006	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
					3.85	2.675	0.0014	-2.5 to 2.5	Pass
					4.43	4.635	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				-10	3.85	5.622	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0019	-2.5 to 2.5	Pass
				40	3.85	5.608	0.0029	-2.5 to 2.5	Pass

				50	3.85	3.190	0.0017	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.931	0.0010	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	2.646	0.0014	-2.5 to 2.5	Pass
					3.85	2.704	0.0014	-2.5 to 2.5	Pass
					4.43	1.945	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				10	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0019	-2.5 to 2.5	Pass

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	0.472	0.0003	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	4.535	0.0024	-2.5 to 2.5	Pass
					3.85	5.736	0.0030	-2.5 to 2.5	Pass
					4.43	5.593	0.0030	-2.5 to 2.5	Pass
				-30	3.85	5.608	0.0030	-2.5 to 2.5	Pass

				-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				50	3.85	4.334	0.0023	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	3.648	0.0019	-2.5 to 2.5	Pass
					3.85	3.347	0.0018	-2.5 to 2.5	Pass
					4.43	3.676	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0007	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	5.407	0.0029	-2.5 to 2.5	Pass
					4.43	3.405	0.0018	-2.5 to 2.5	Pass
				-30	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				50	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	2.375	0.0012	-2.5 to 2.5	Pass
					3.85	2.346	0.0012	-2.5 to 2.5	Pass
					4.43	1.860	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.189	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0015	-2.5 to 2.5	Pass

2.6 B25_20MHz

2.6.1 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	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	3.090	0.0016	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.747	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.629	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0012	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-0.658	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	2.589	0.0014	-2.5 to 2.5	Pass

					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0015	-2.5 to 2.5	Pass

3. Modulation Characteristics

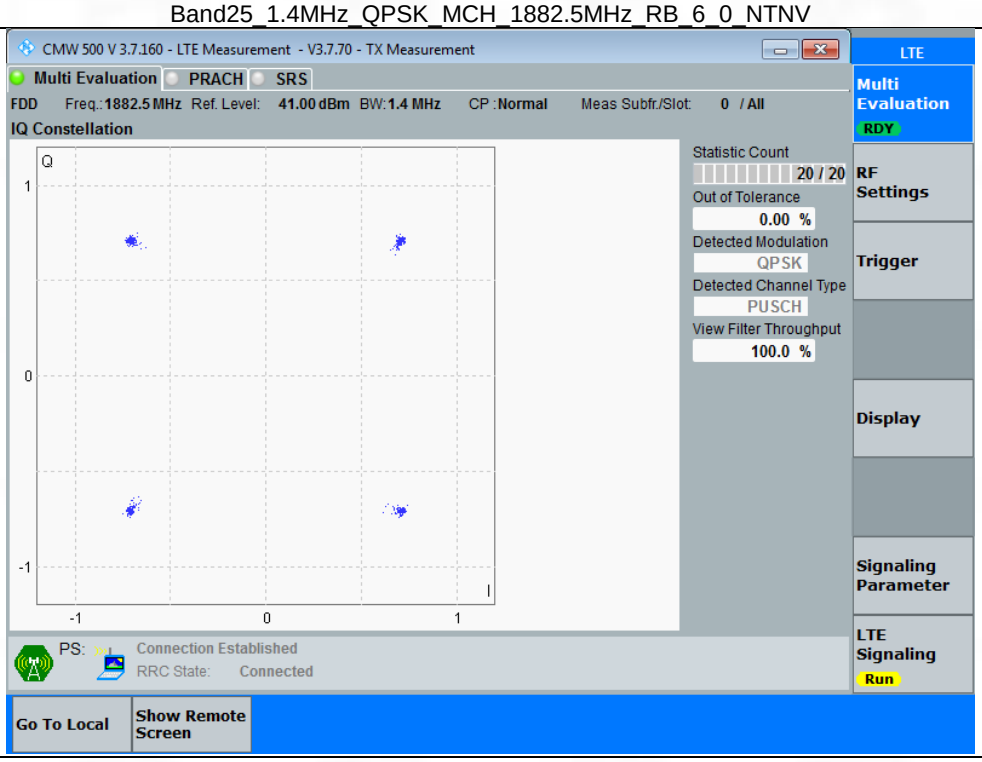
3.1 B25_1.4MHz

3.1.1 Test Result

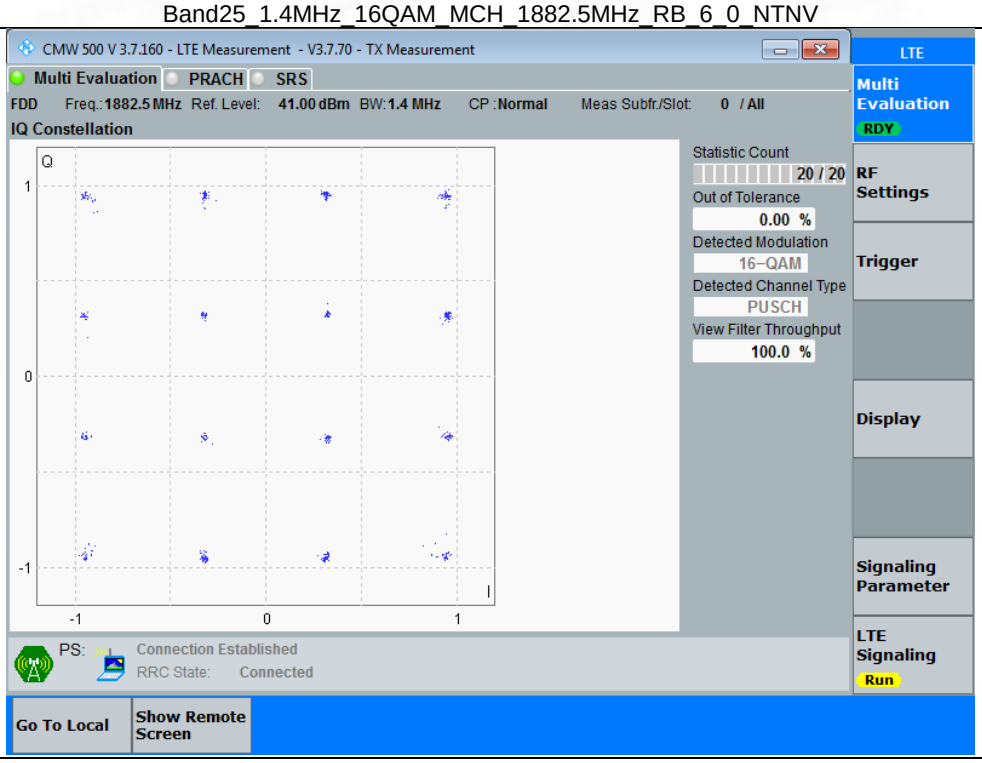
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



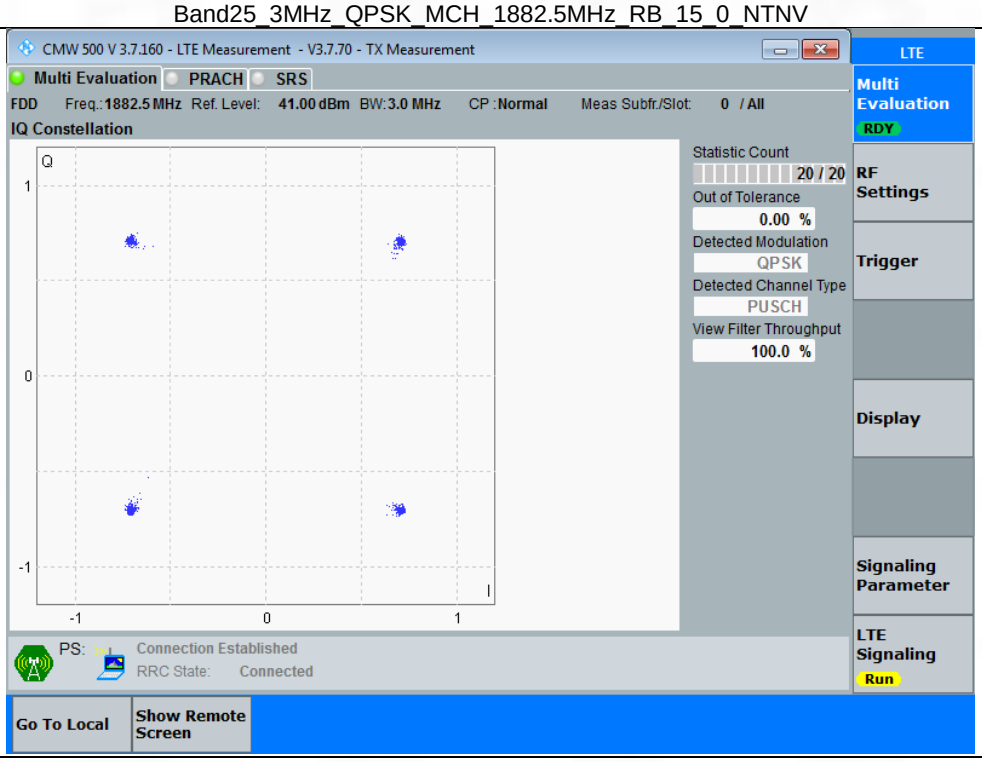
3.2 B25_3MHz

3.2.1 Test Result

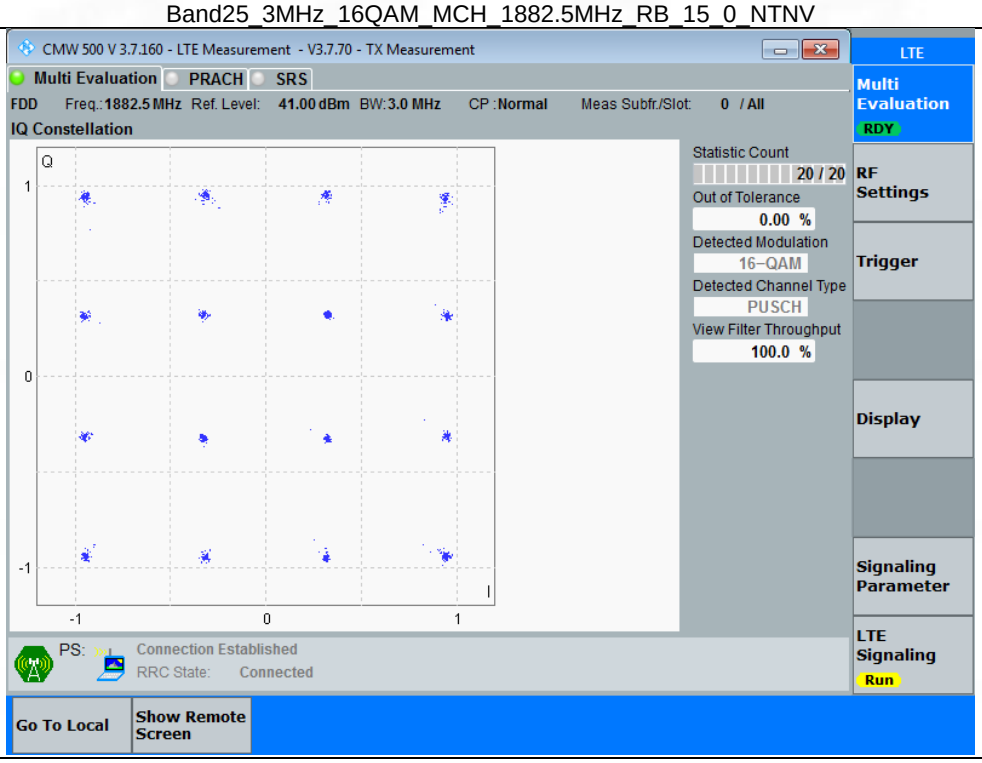
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



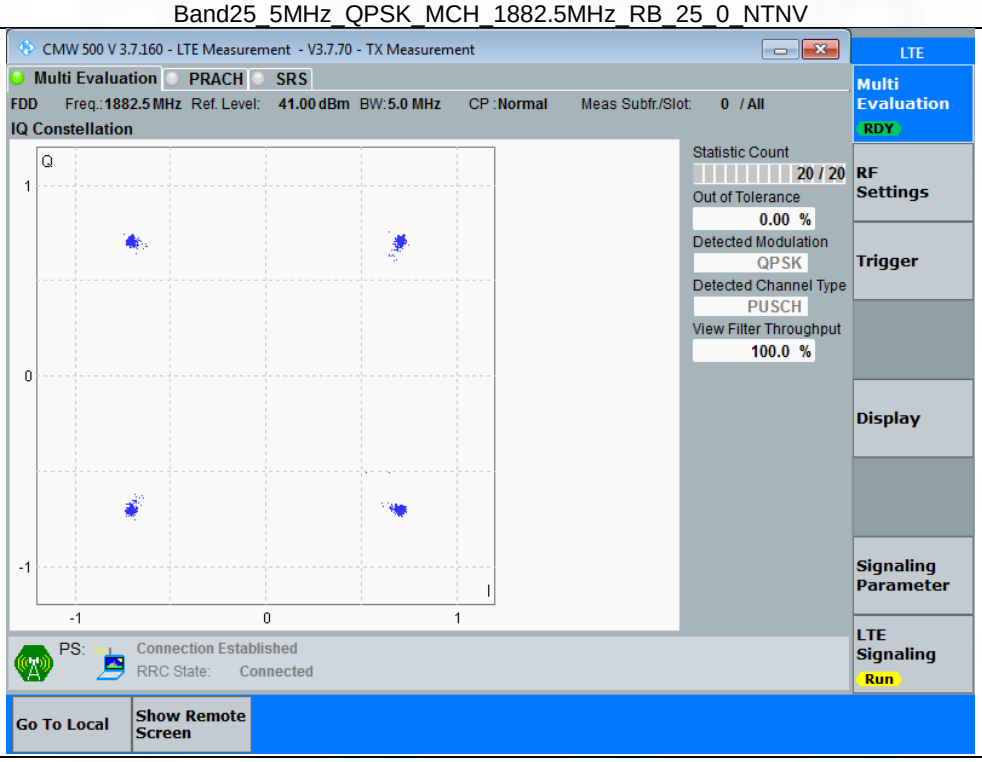
3.3 B25_5MHz

3.3.1 Test Result

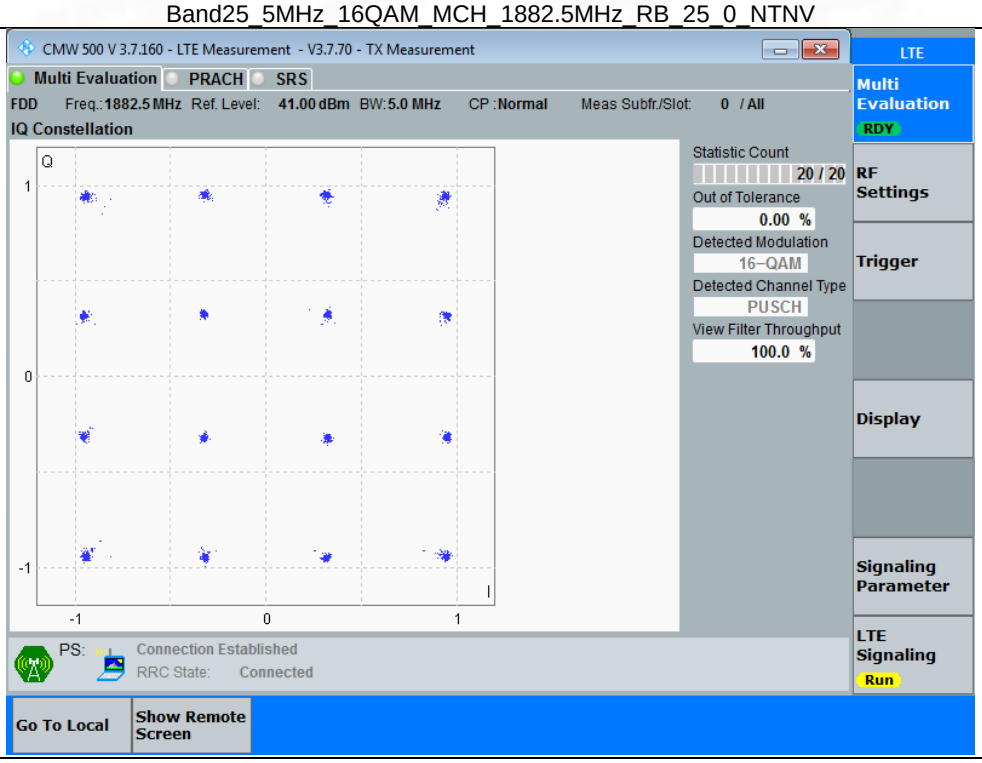
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



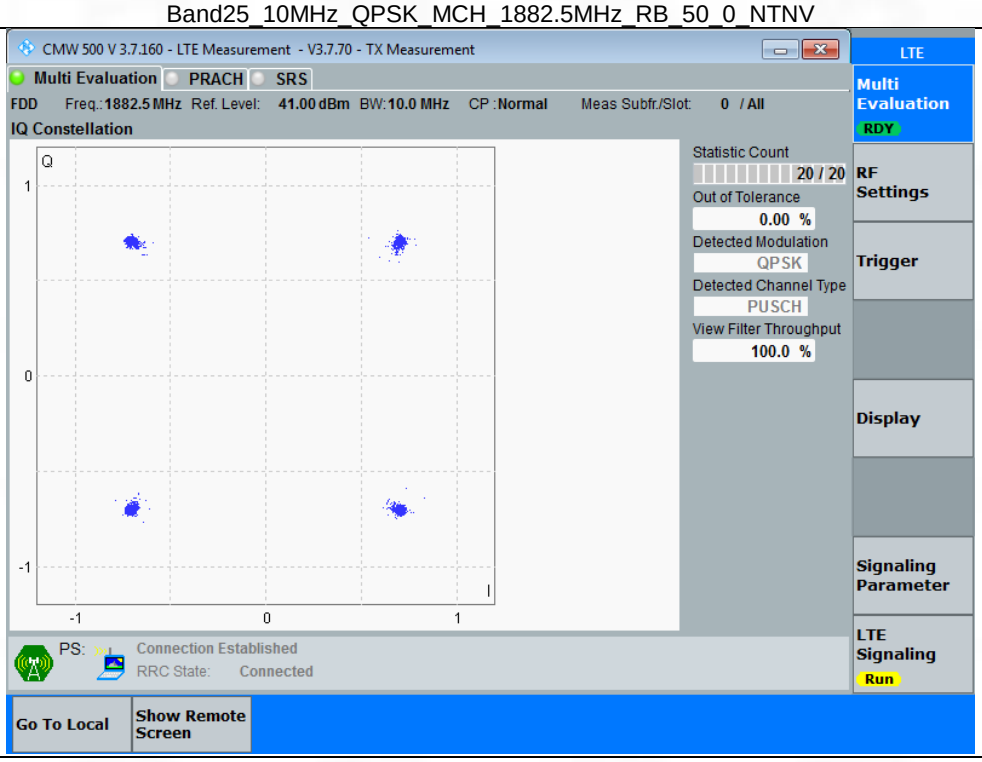
3.4 B25_10MHz

3.4.1 Test Result

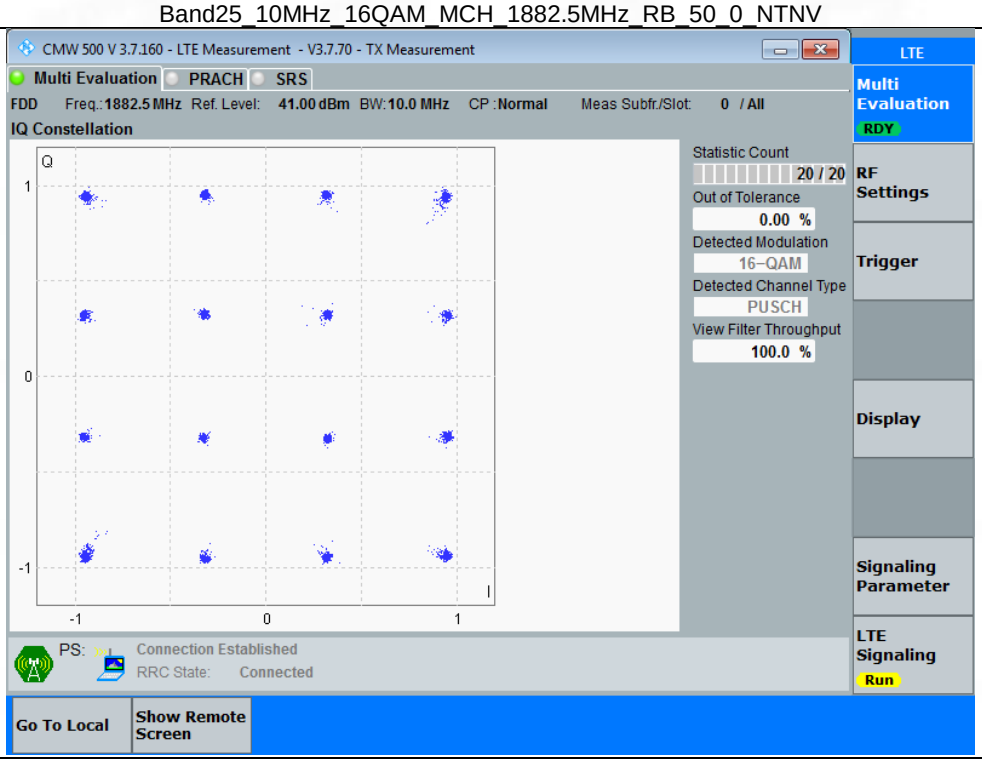
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



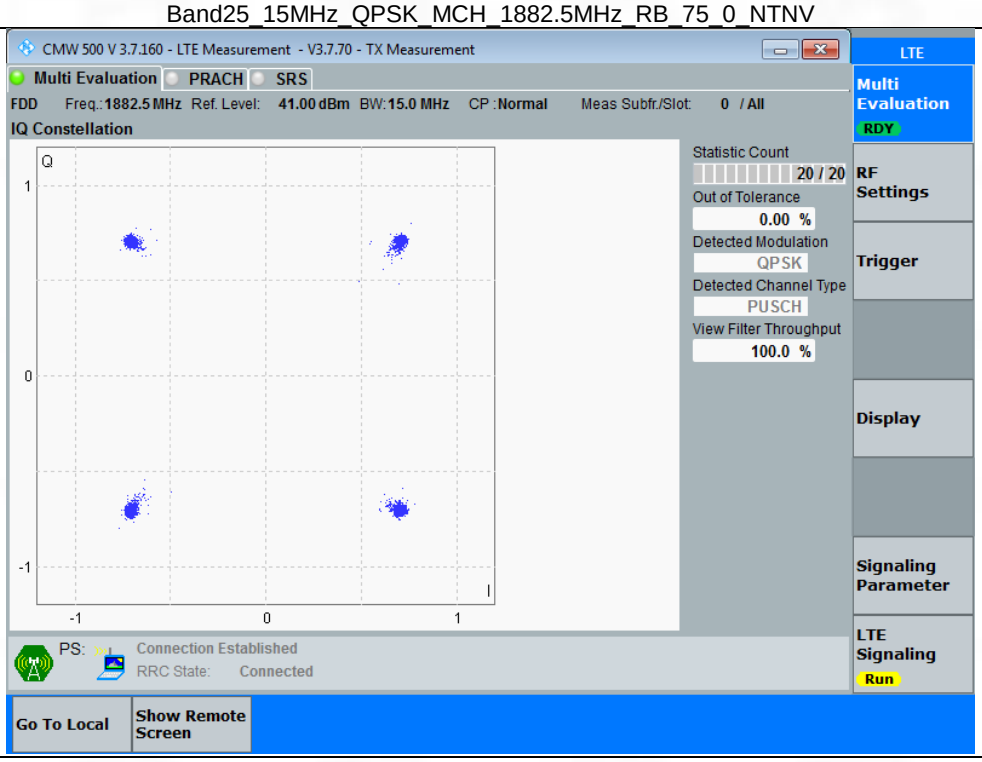
3.5 B25_15MHz

3.5.1 Test Result

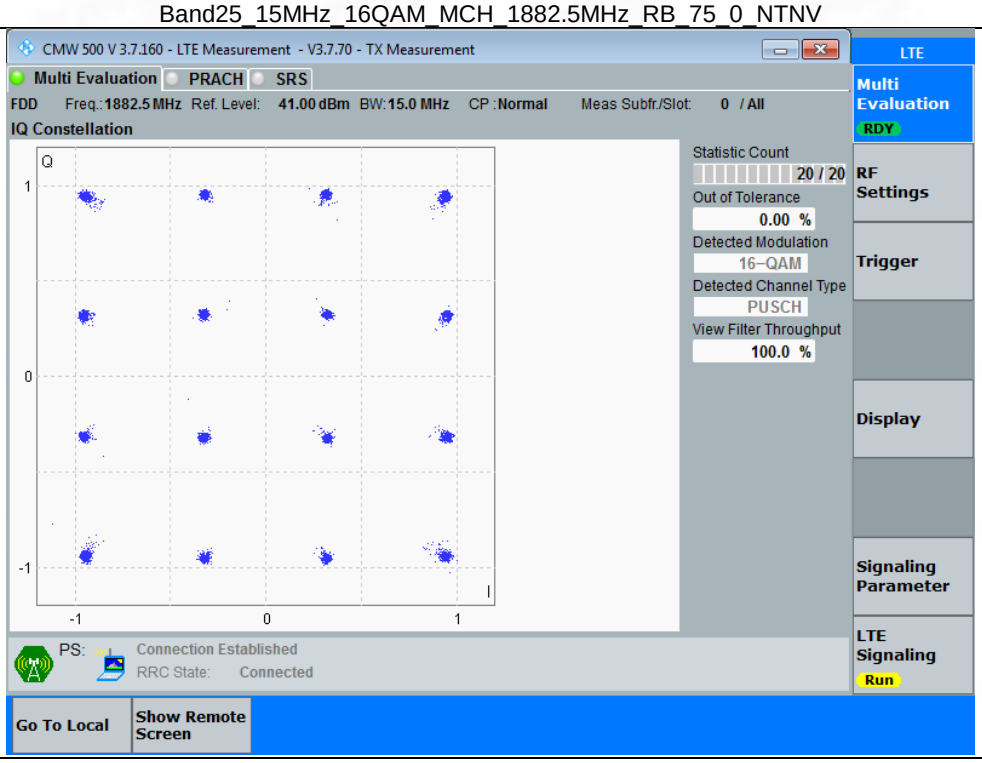
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



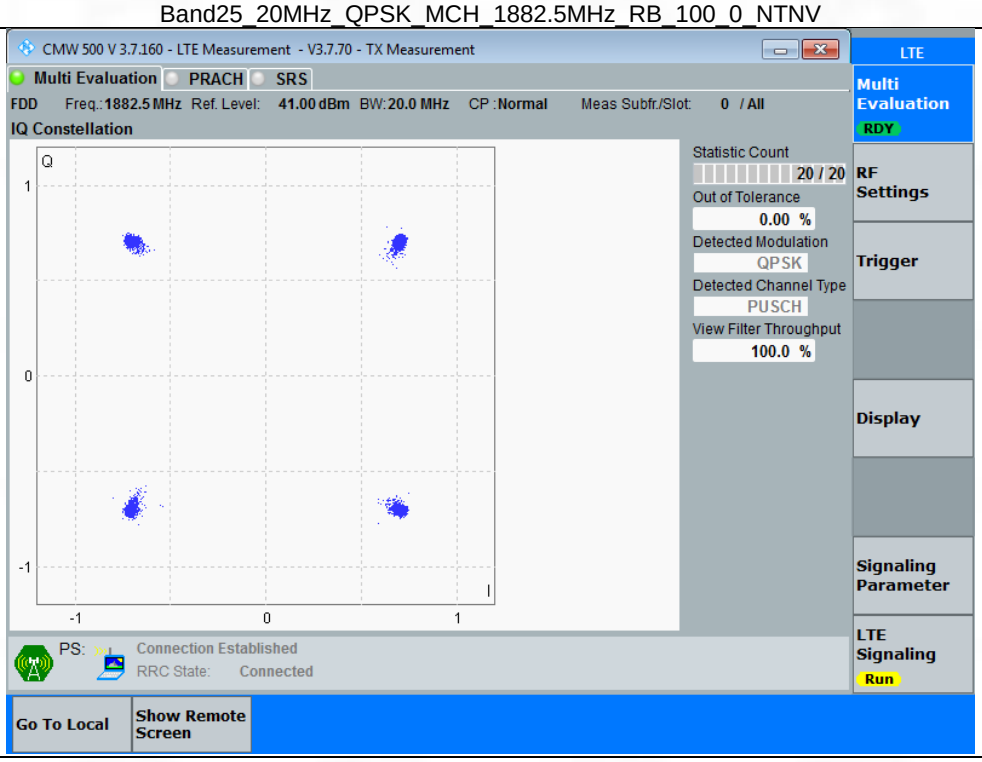
3.6 B25_20MHz

3.6.1 Test Result

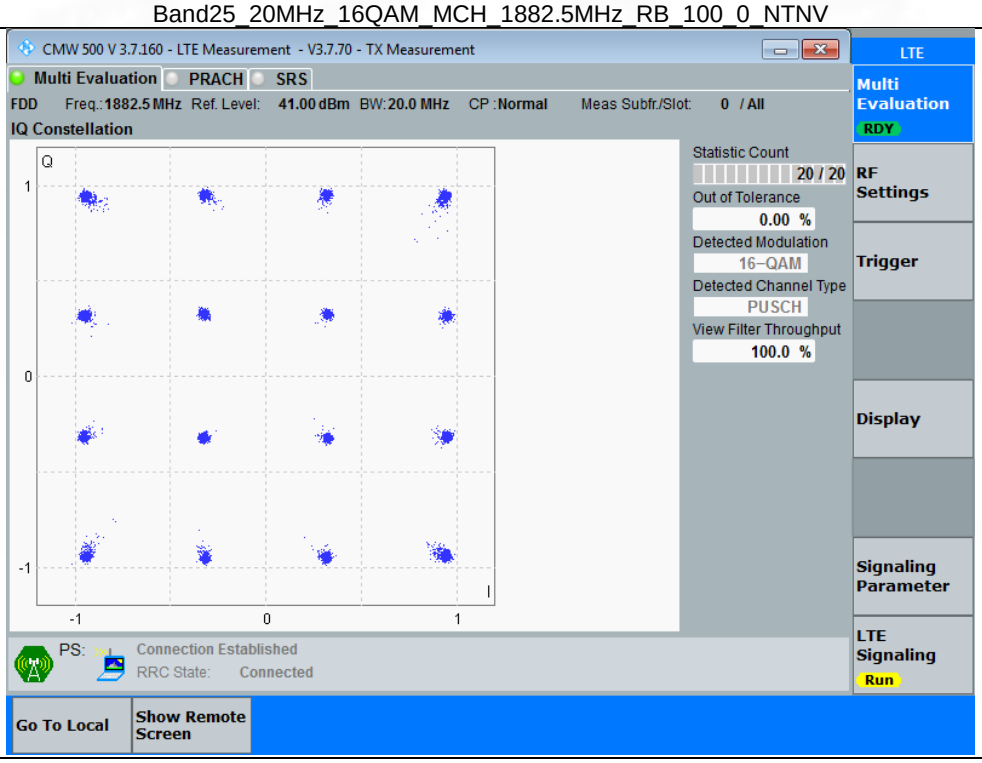
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

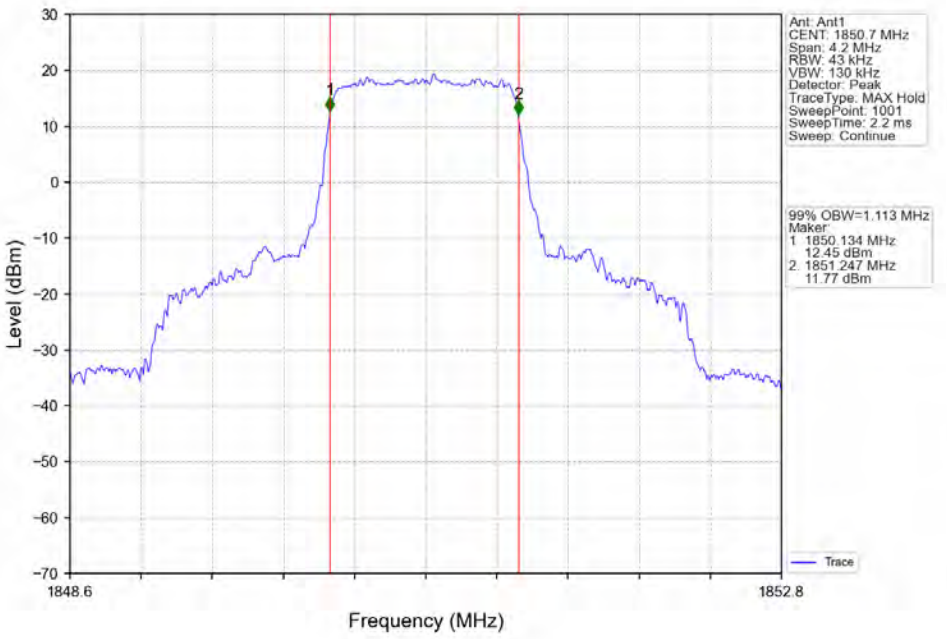
4.1 Band25_OBW

4.1.1 Test Result

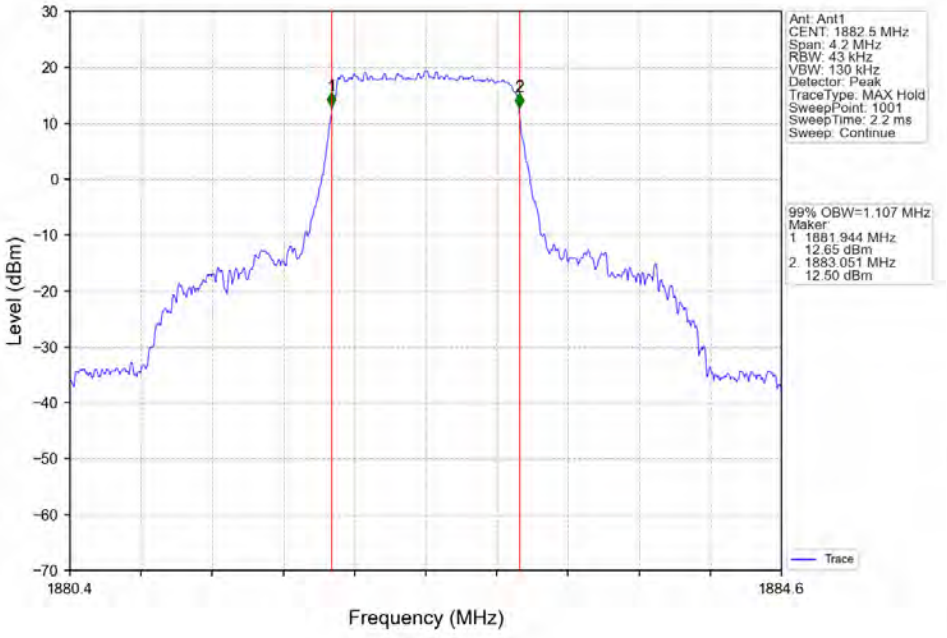
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.113	/	Pass
		1882.5	6	0	1.107	/	Pass
		1914.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.109	/	Pass
		1882.5	6	0	1.110	/	Pass
		1914.3	6	0	1.118	/	Pass
3	QPSK	1851.5	15	0	2.731	/	Pass
		1882.5	15	0	2.728	/	Pass
		1913.5	15	0	2.727	/	Pass
	16QAM	1851.5	15	0	2.720	/	Pass
		1882.5	15	0	2.727	/	Pass
		1913.5	15	0	2.723	/	Pass
5	QPSK	1852.5	25	0	4.567	/	Pass
		1882.5	25	0	4.567	/	Pass
		1912.5	25	0	4.590	/	Pass
	16QAM	1852.5	25	0	4.610	/	Pass
		1882.5	25	0	4.573	/	Pass
		1912.5	25	0	4.596	/	Pass
10	QPSK	1855	50	0	9.100	/	Pass
		1882.5	50	0	9.072	/	Pass
		1910	50	0	9.104	/	Pass
	16QAM	1855	50	0	9.078	/	Pass
		1882.5	50	0	9.061	/	Pass
		1910	50	0	9.060	/	Pass
15	QPSK	1857.5	75	0	13.629	/	Pass
		1882.5	75	0	13.591	/	Pass
		1907.5	75	0	13.566	/	Pass
	16QAM	1857.5	75	0	13.672	/	Pass
		1882.5	75	0	13.612	/	Pass
		1907.5	75	0	13.629	/	Pass
20	QPSK	1860	100	0	18.183	/	Pass
		1882.5	100	0	18.079	/	Pass
		1905	100	0	18.059	/	Pass
	16QAM	1860	100	0	18.185	/	Pass
		1882.5	100	0	18.131	/	Pass
		1905	100	0	18.140	/	Pass

4.1.2 Test Graph

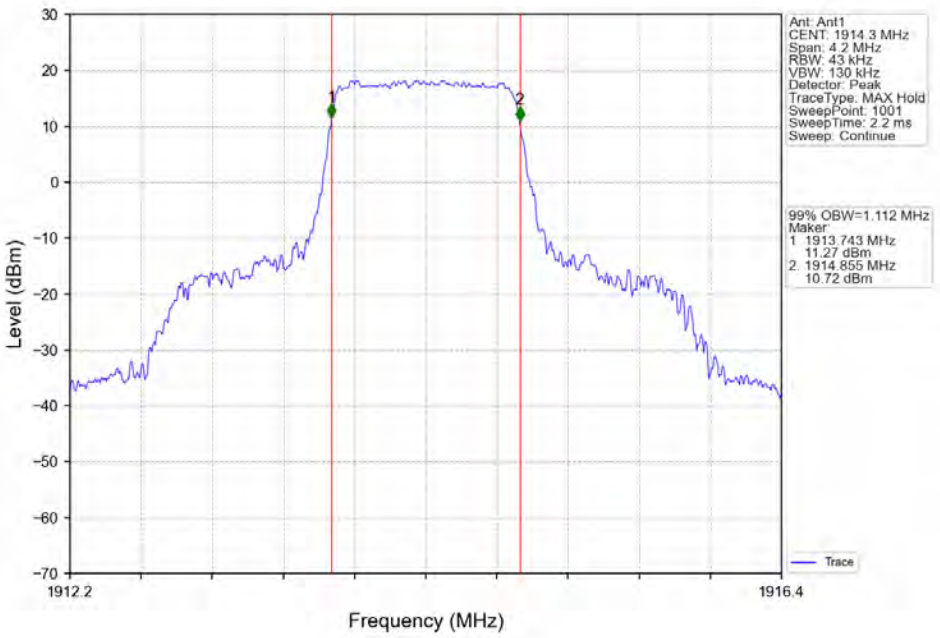
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



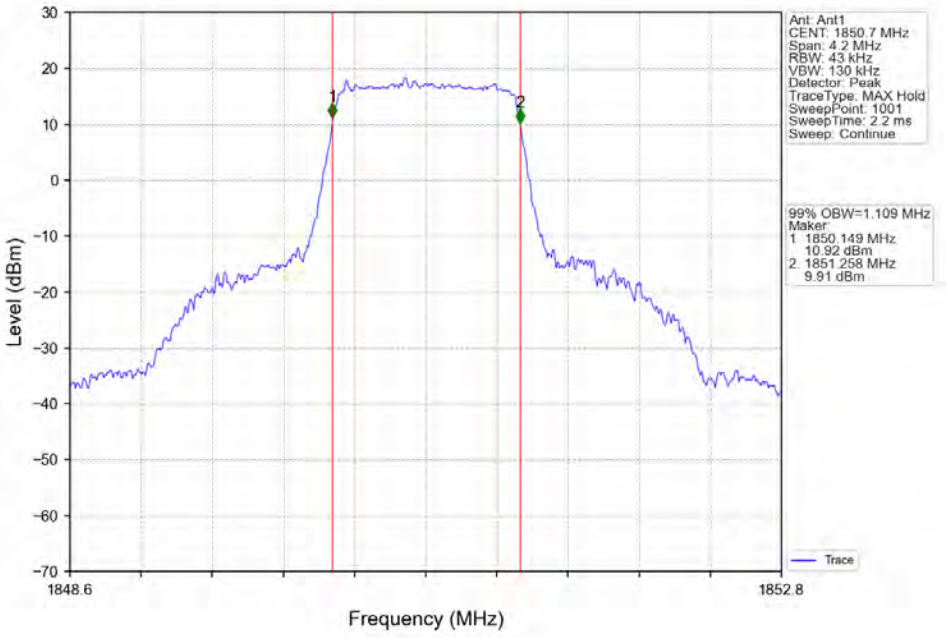
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



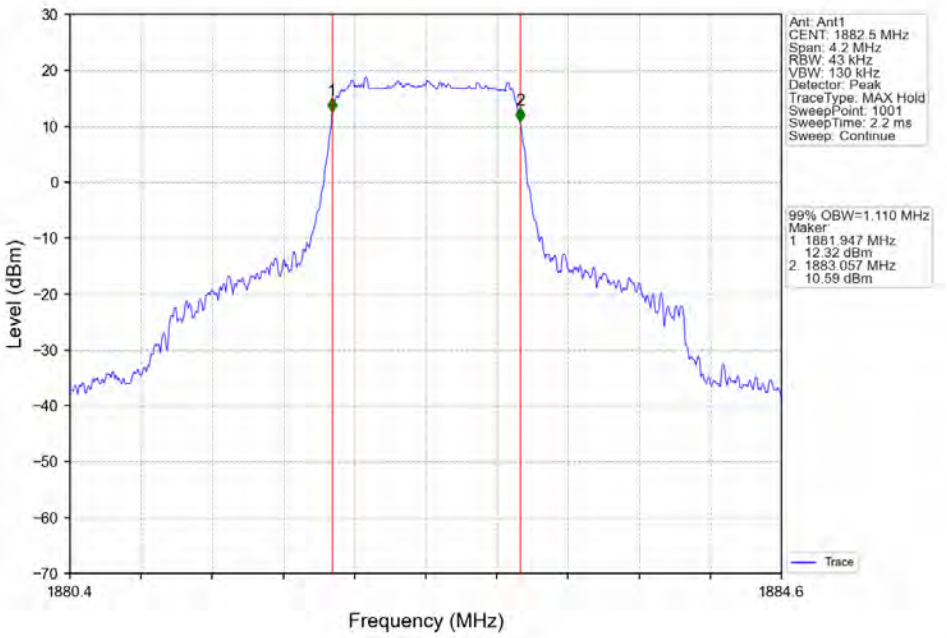
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



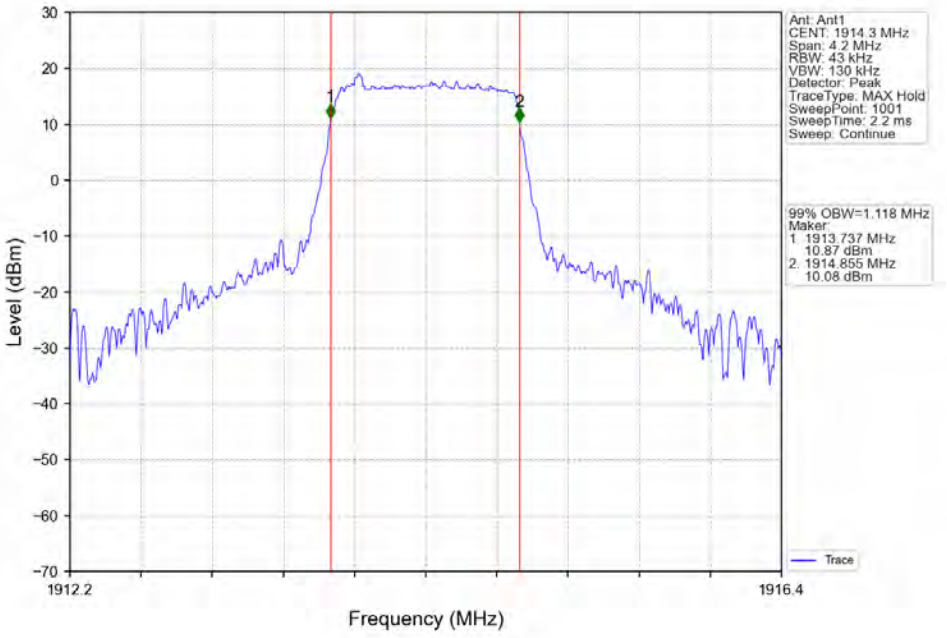
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



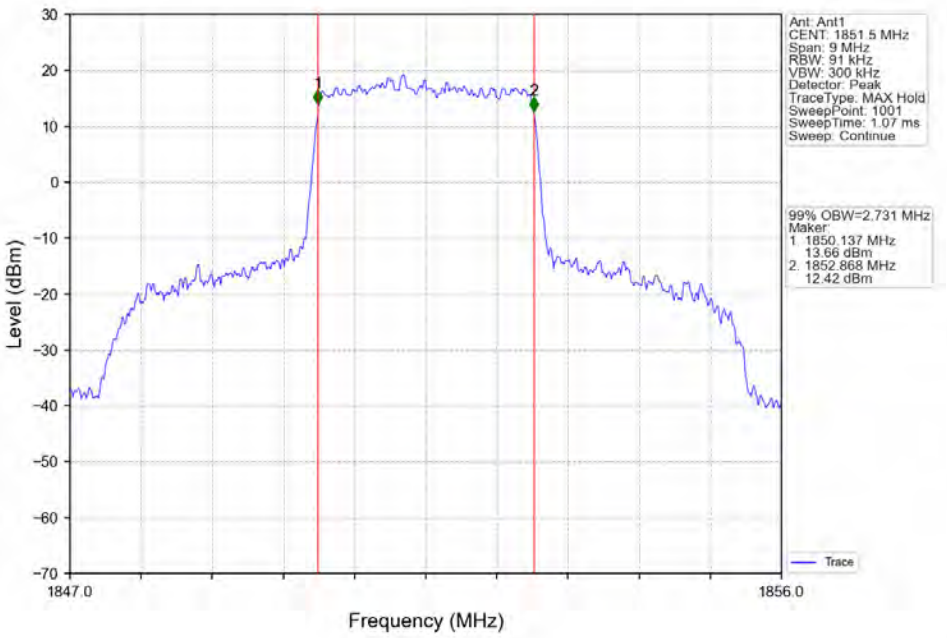
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



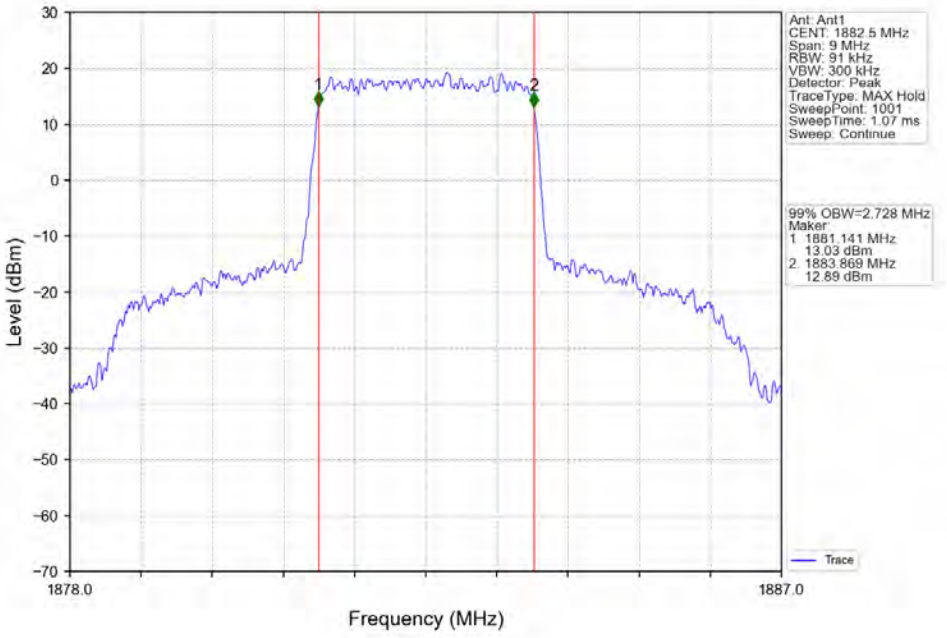
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



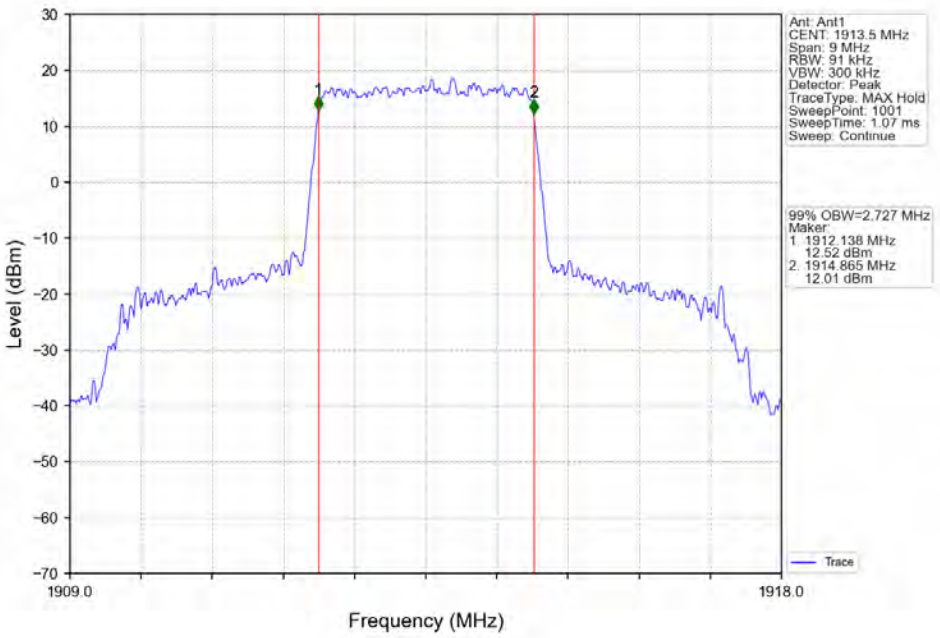
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



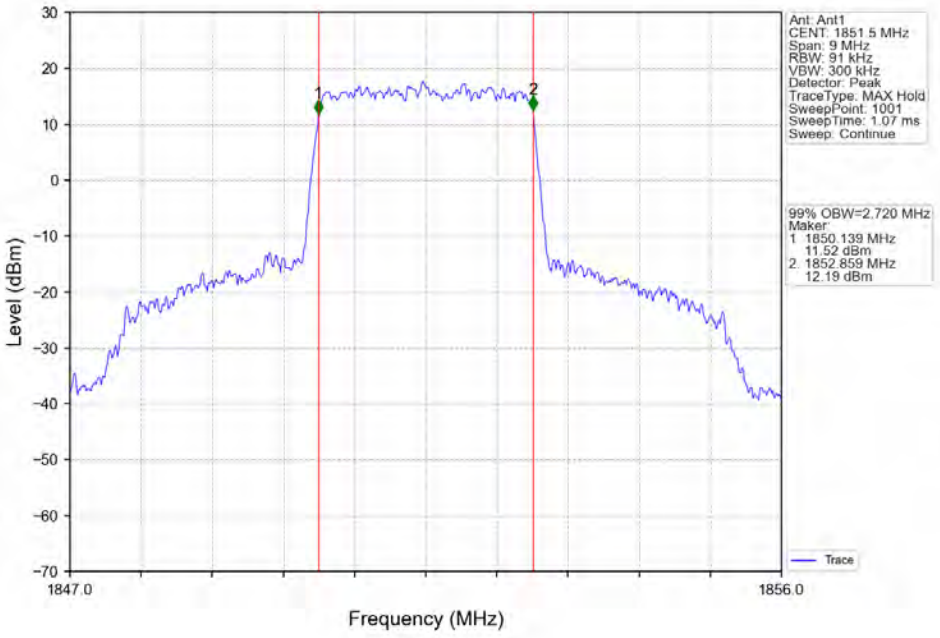
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



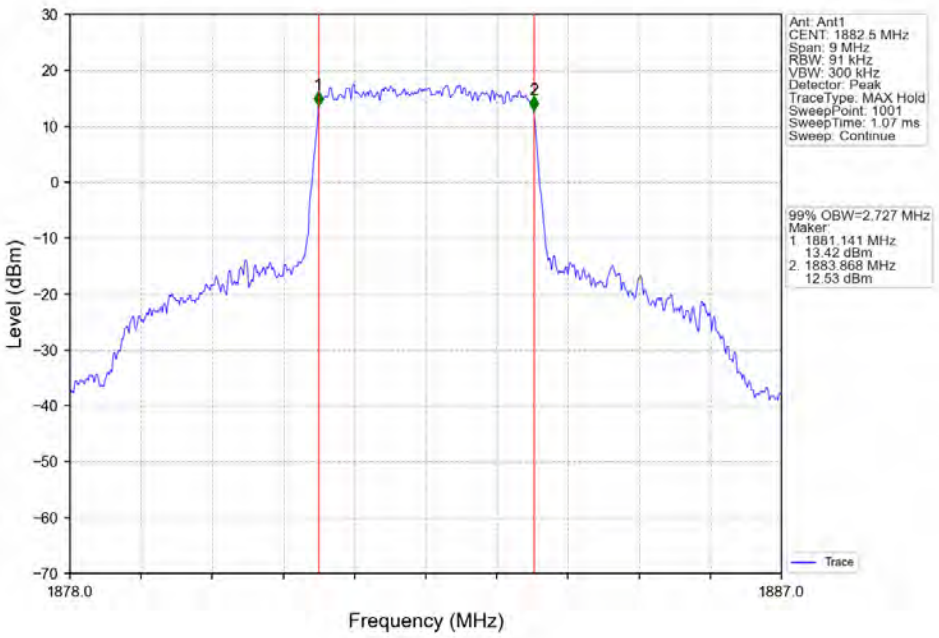
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



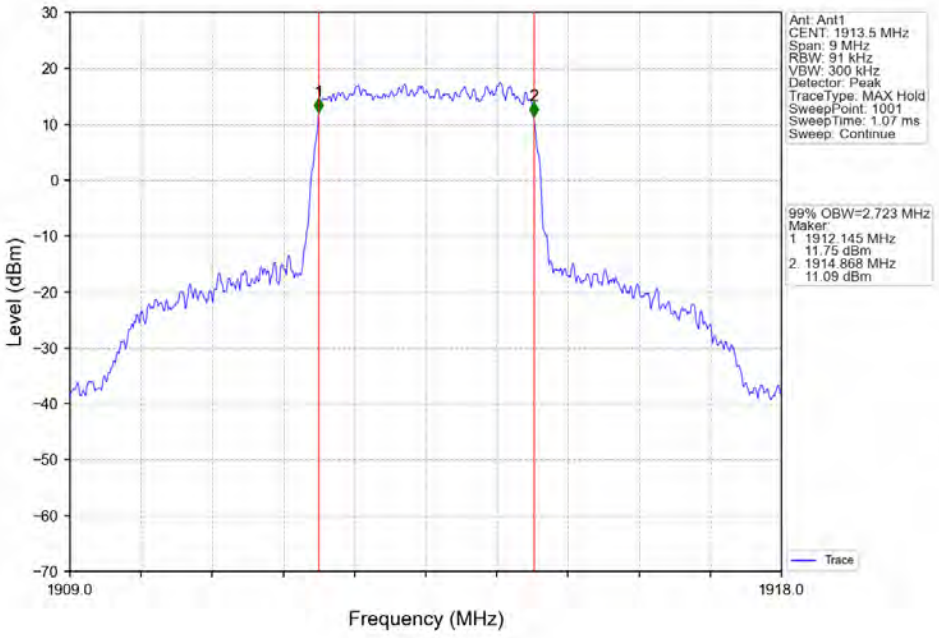
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



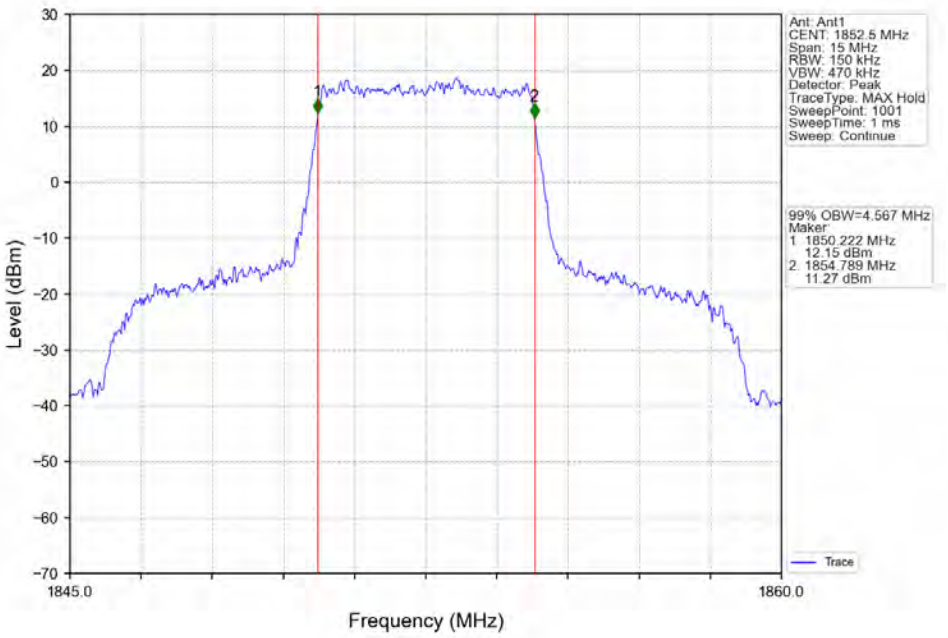
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



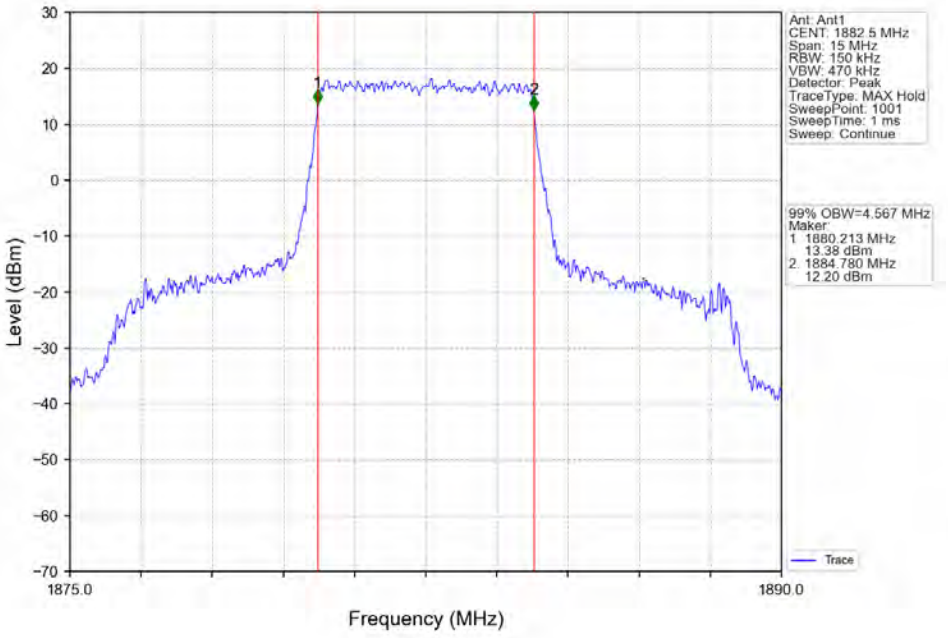
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



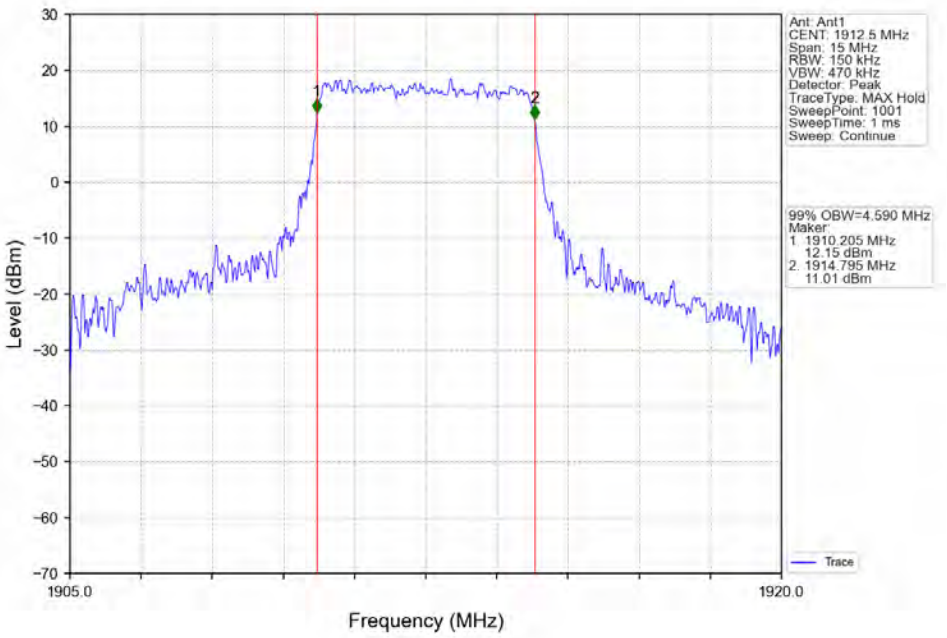
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



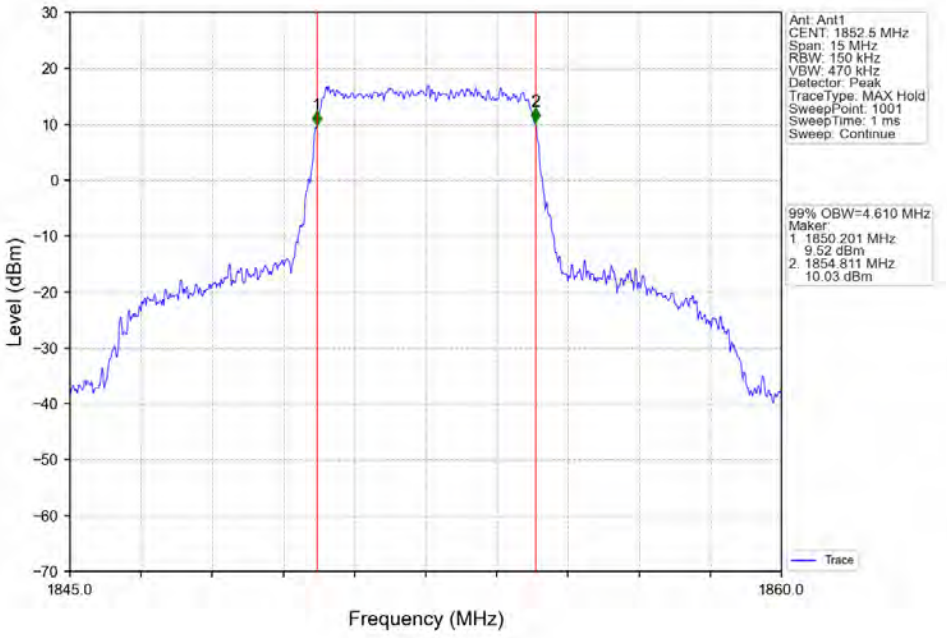
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



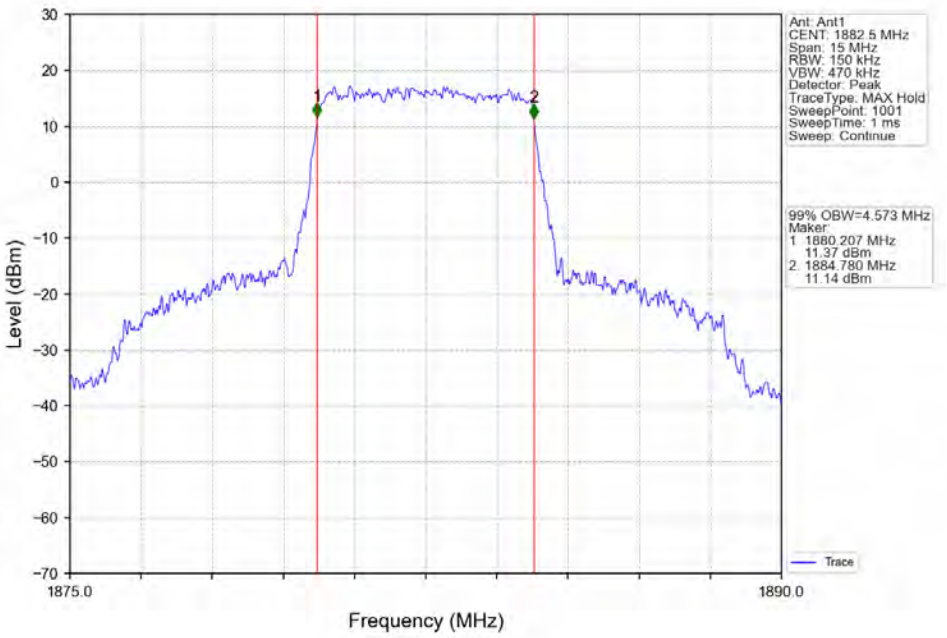
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



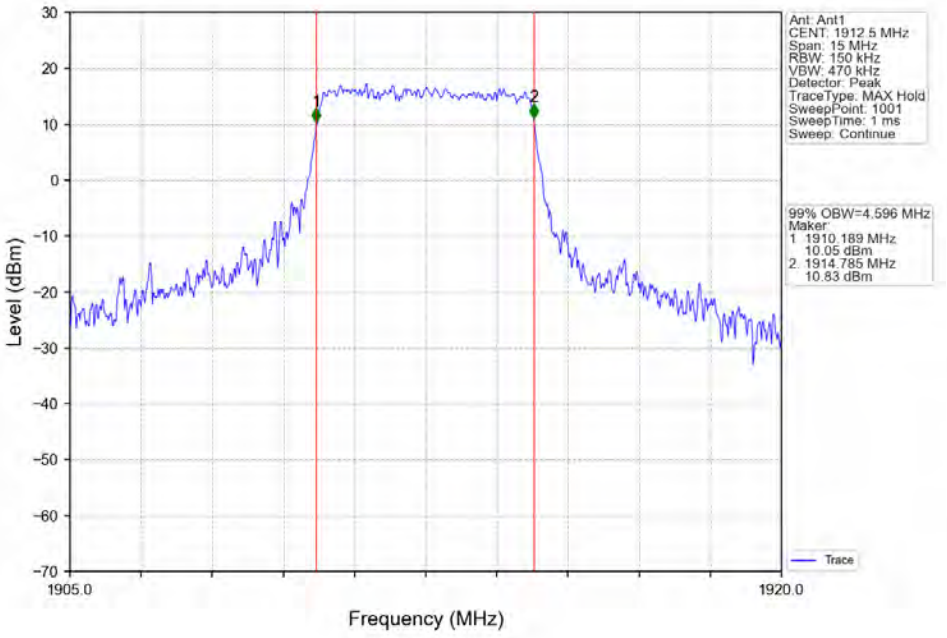
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



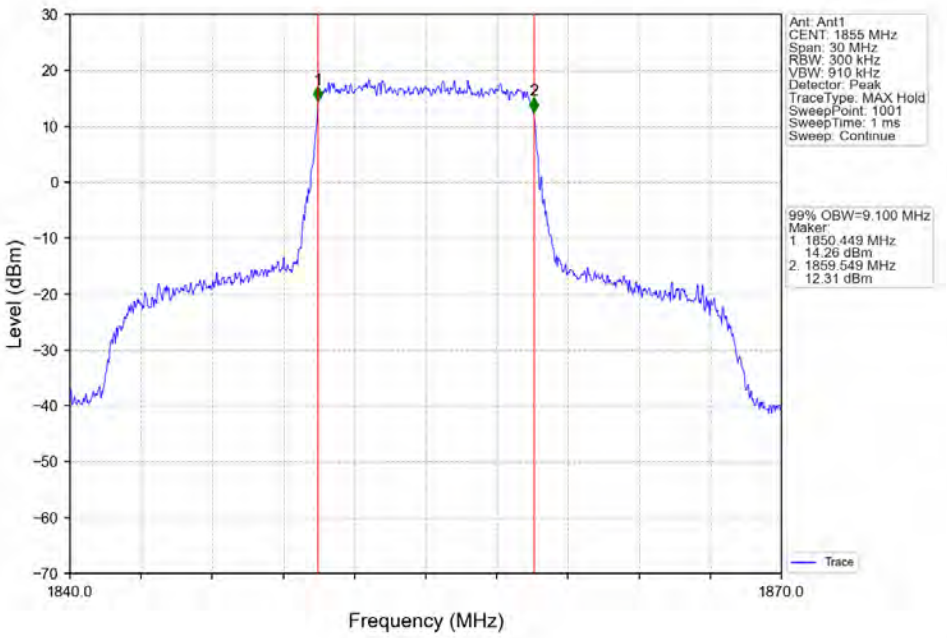
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



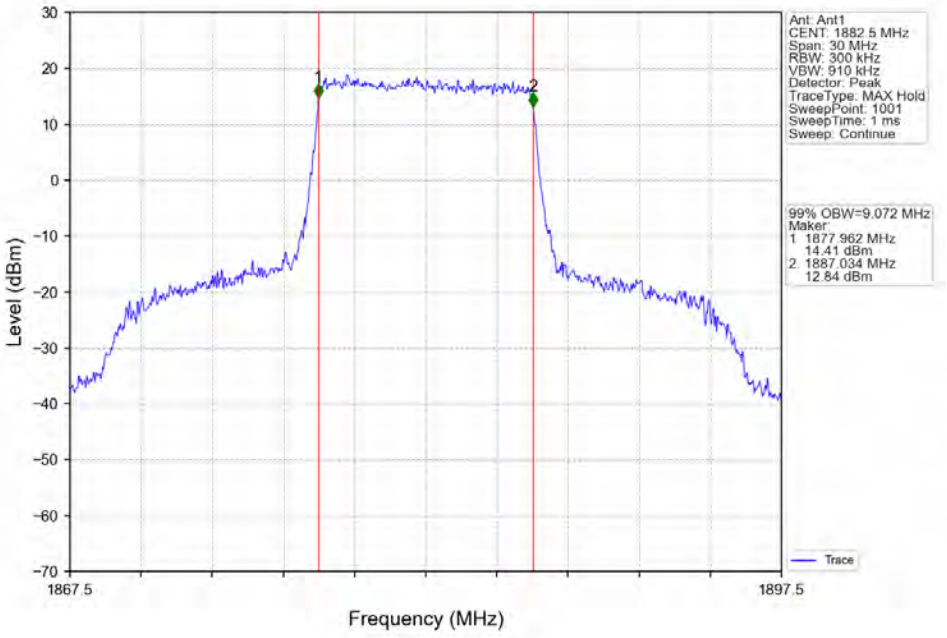
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



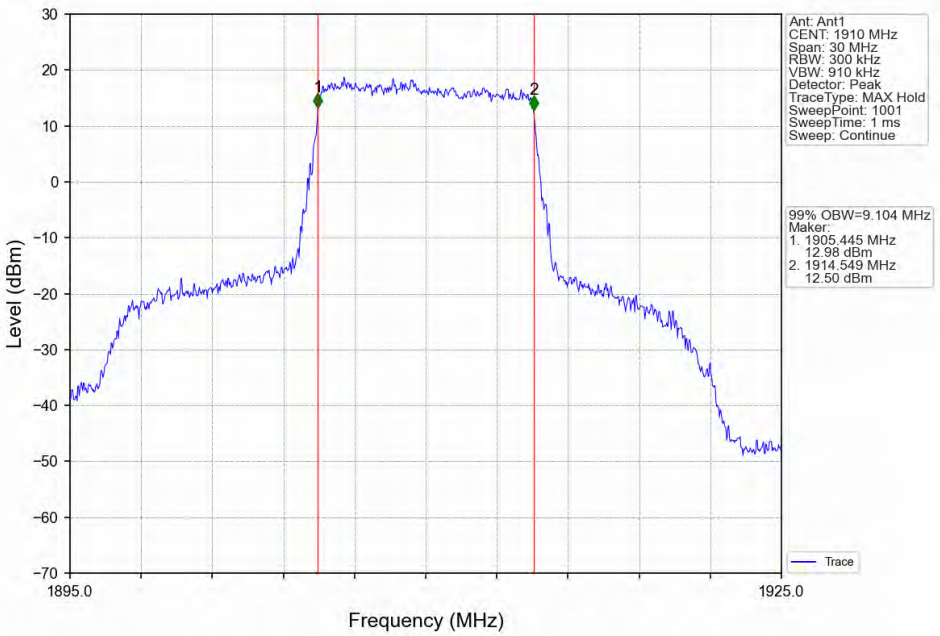
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



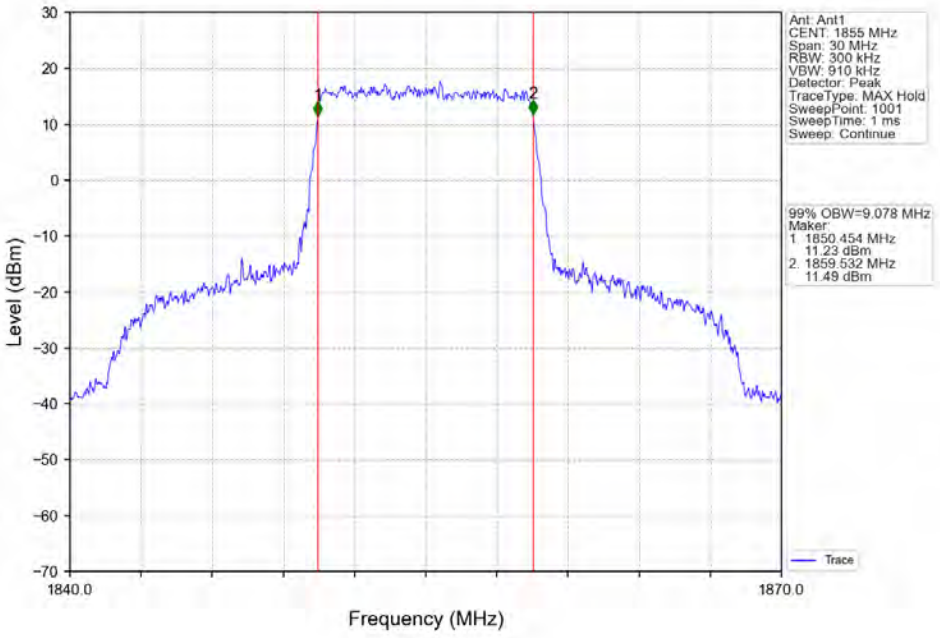
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



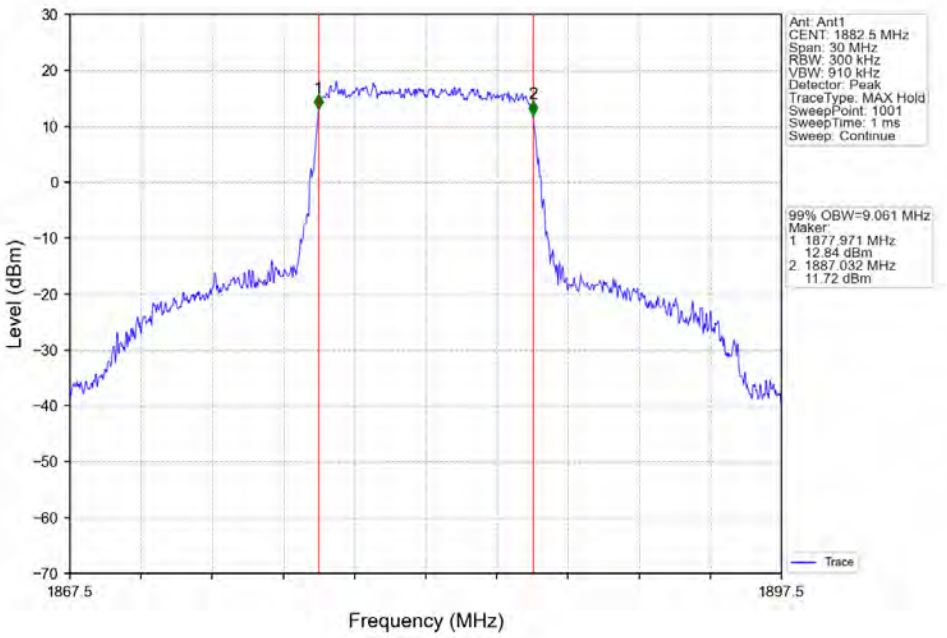
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



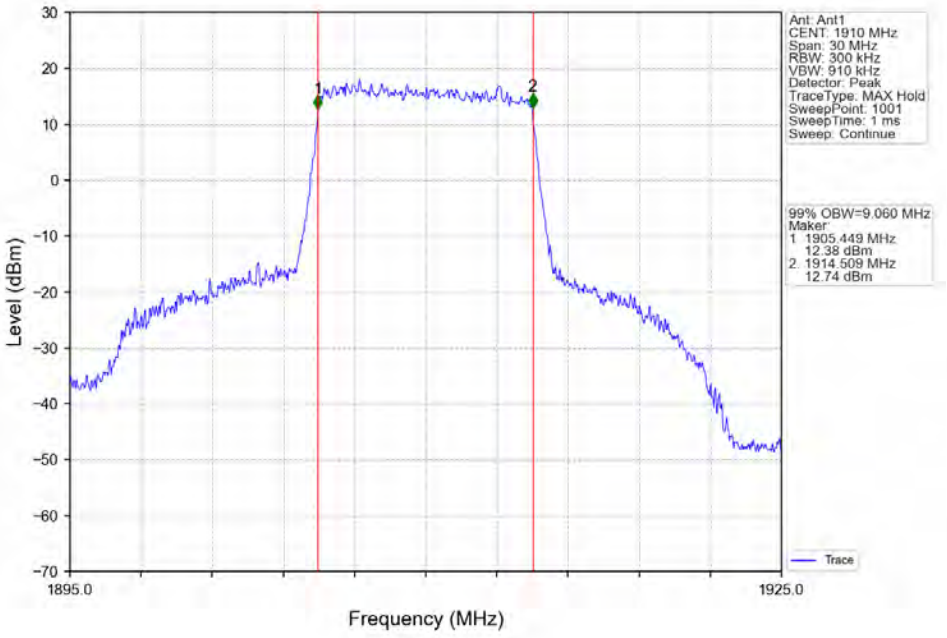
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



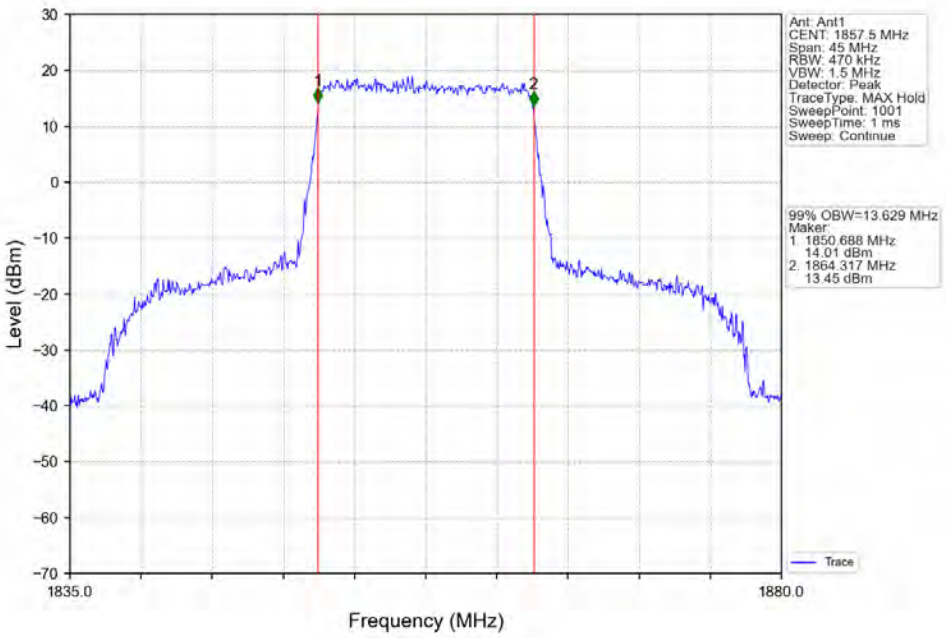
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



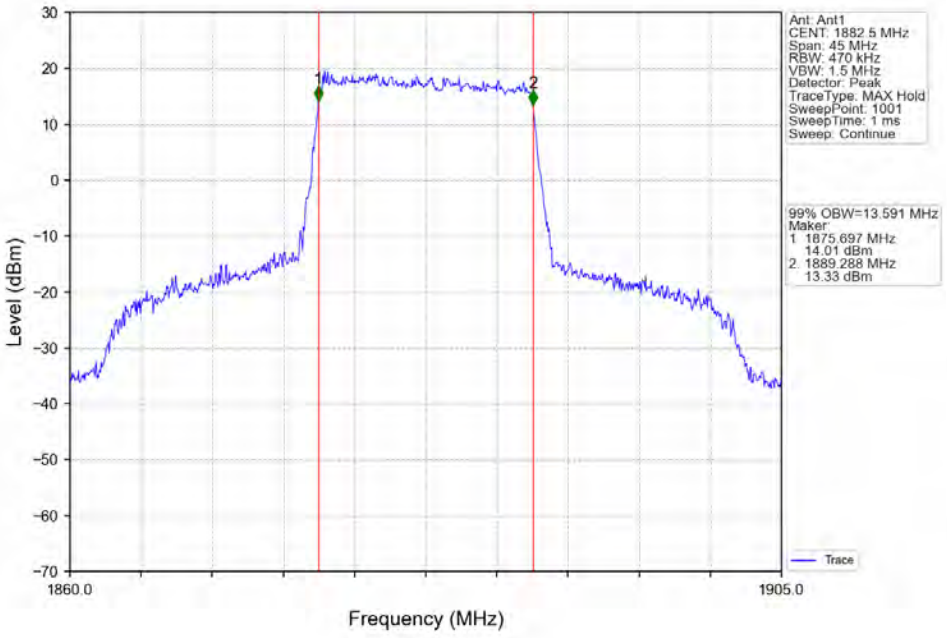
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



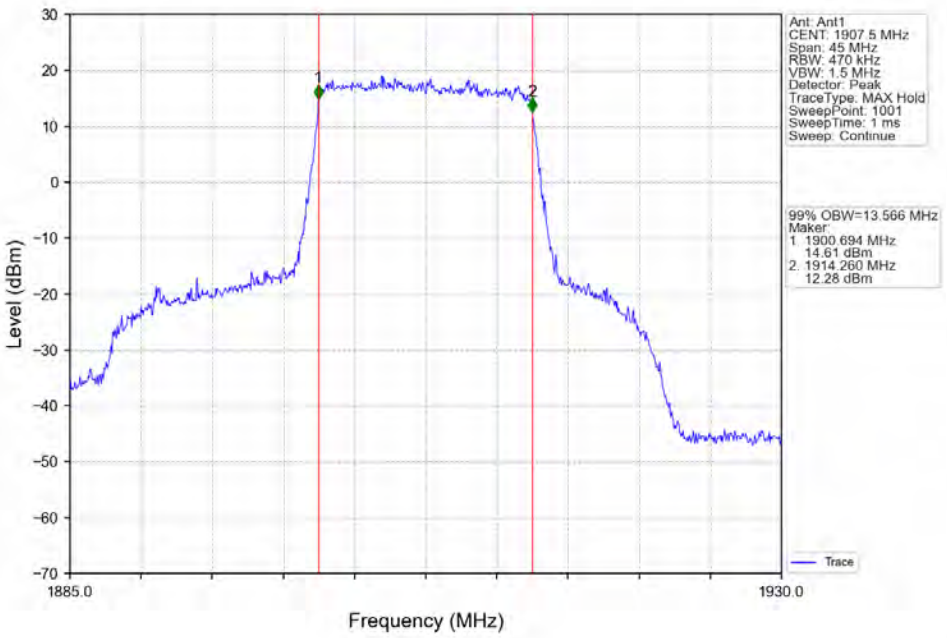
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



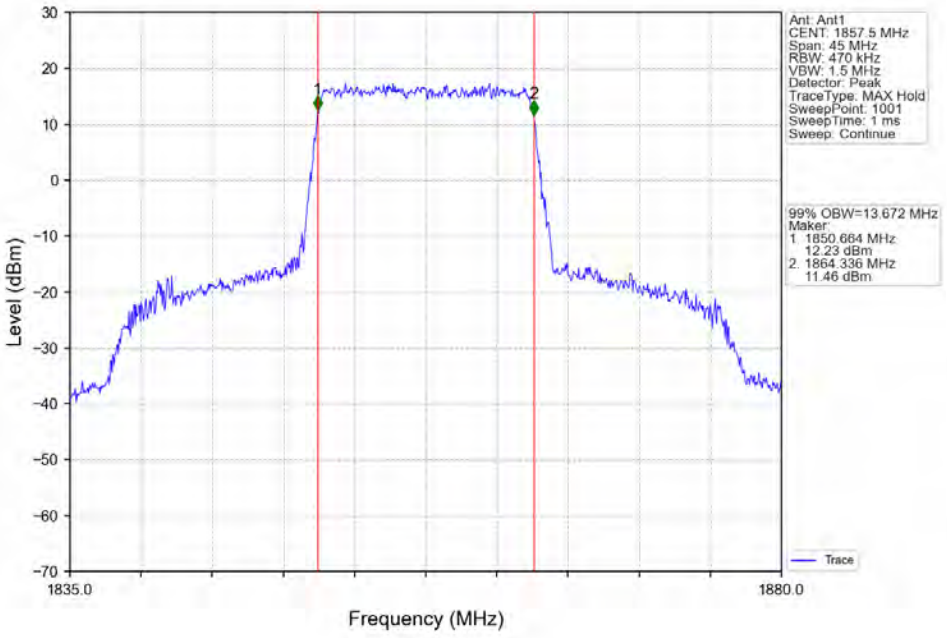
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



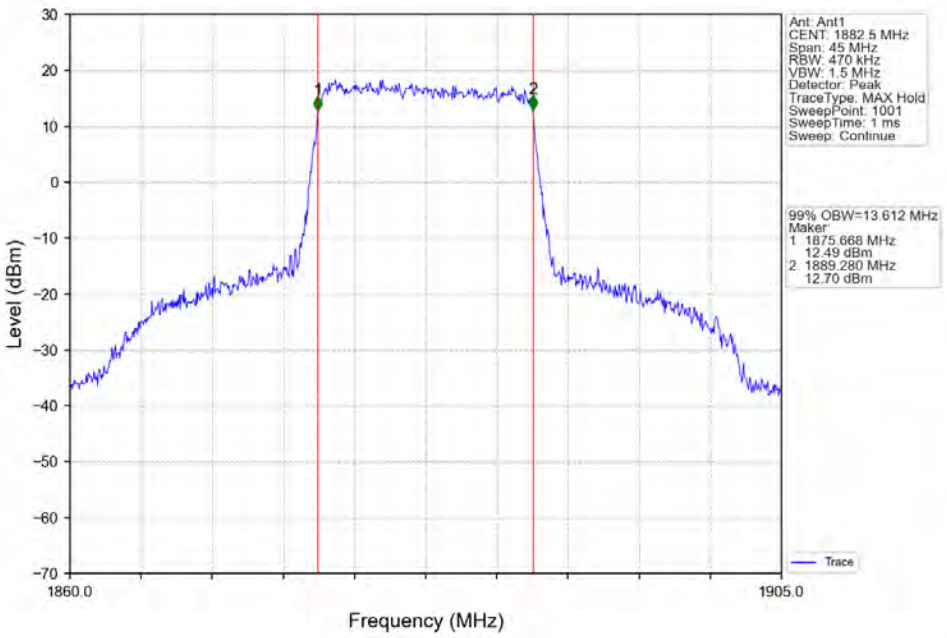
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



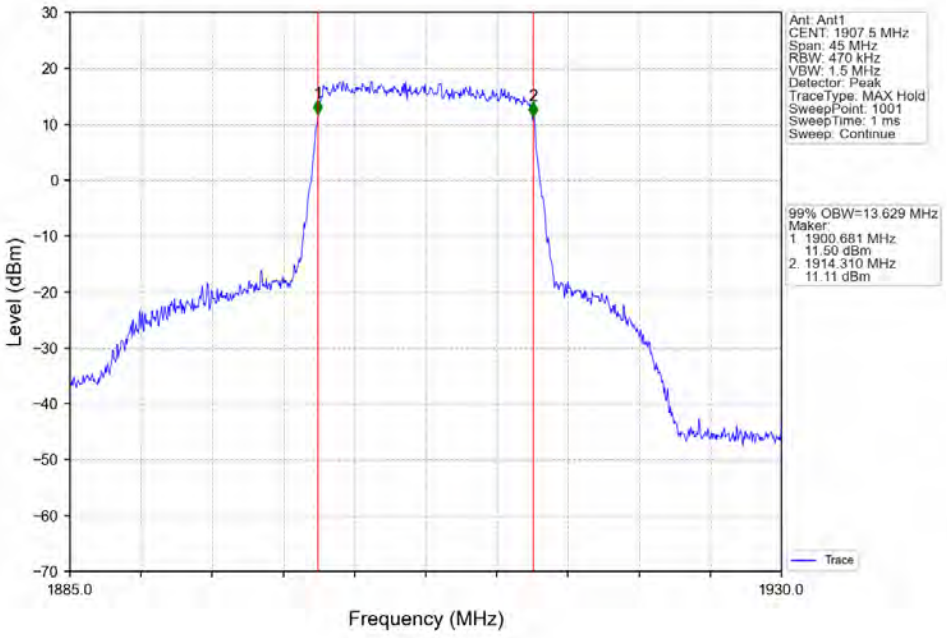
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



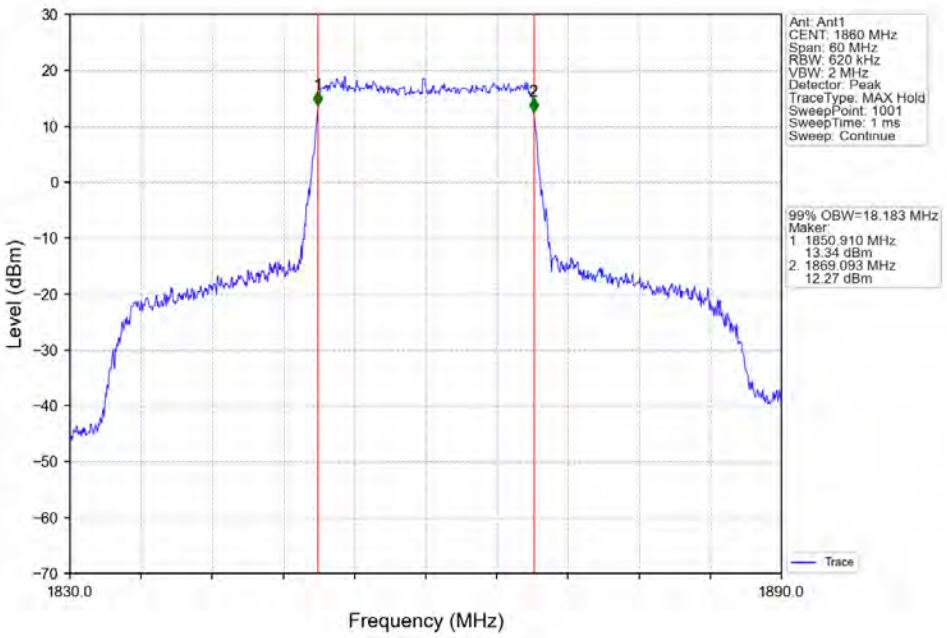
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



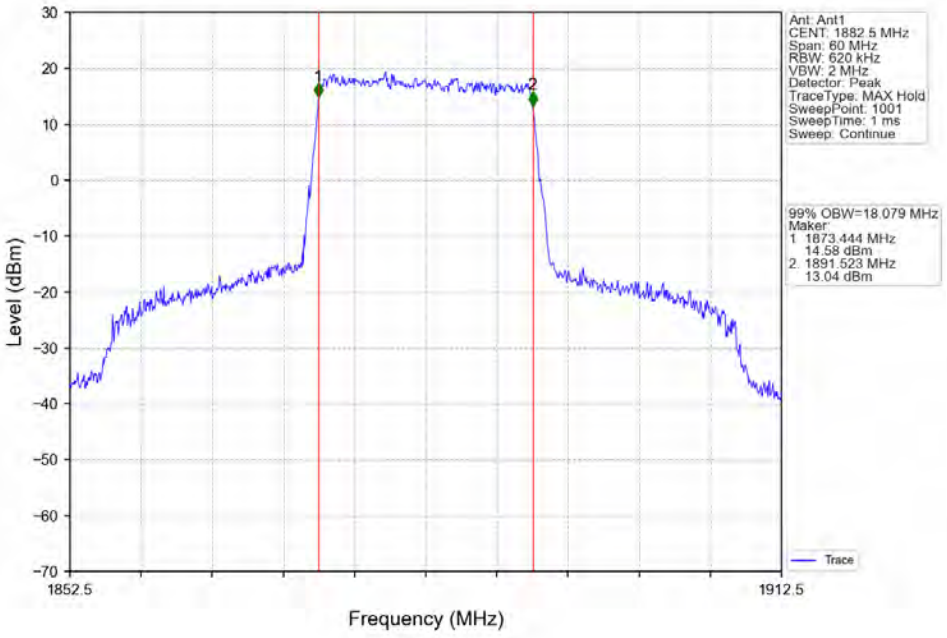
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



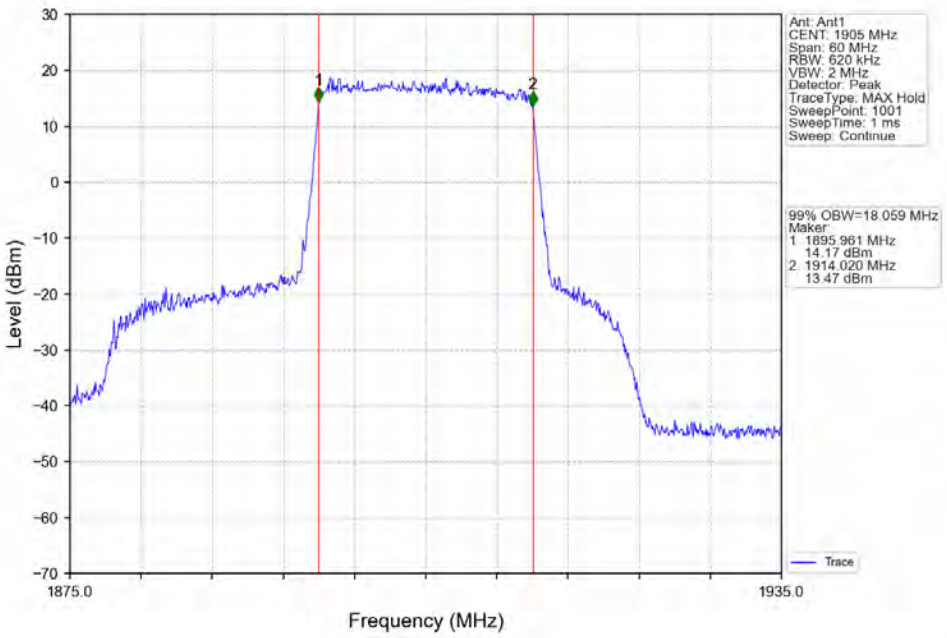
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



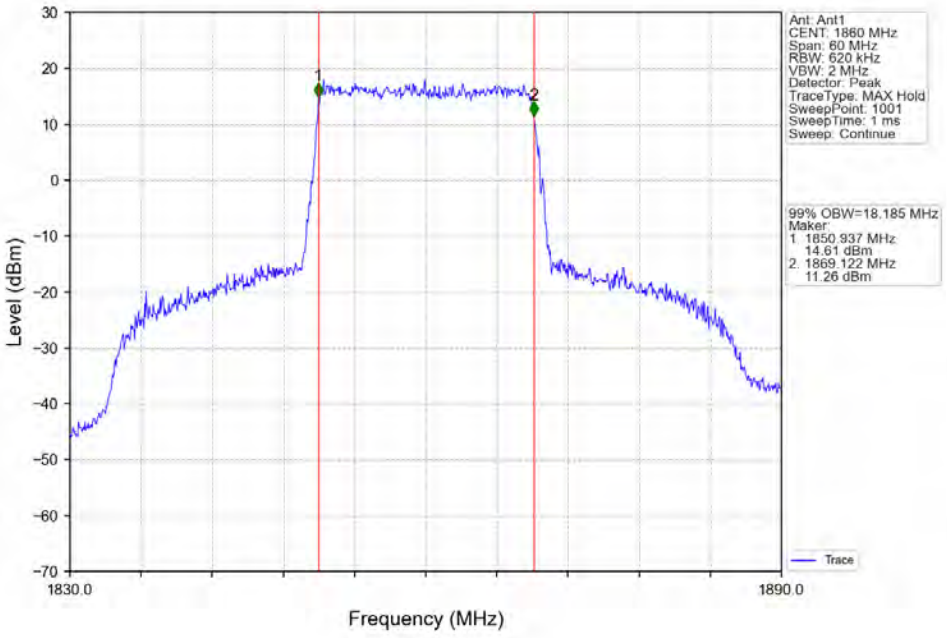
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



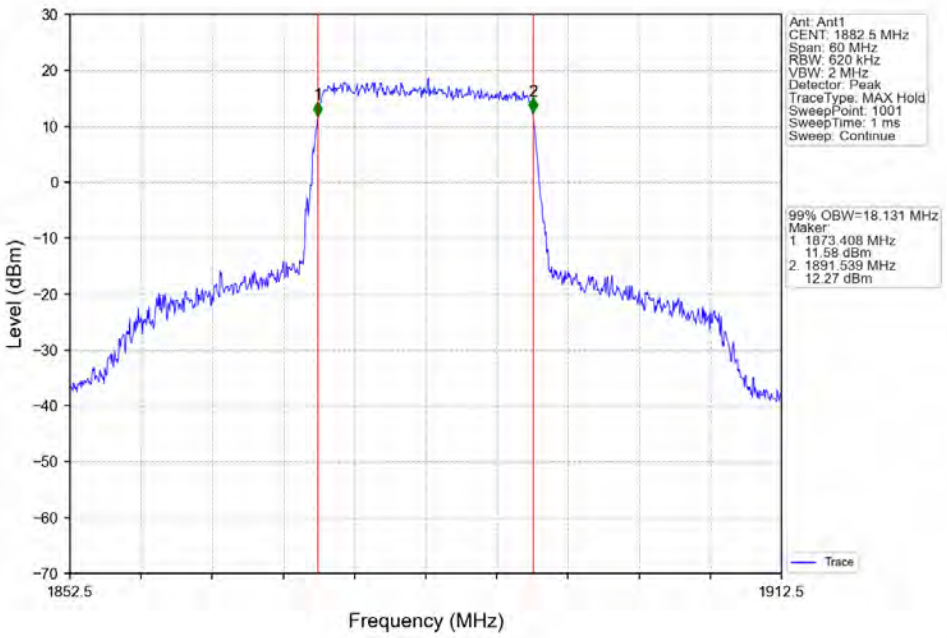
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



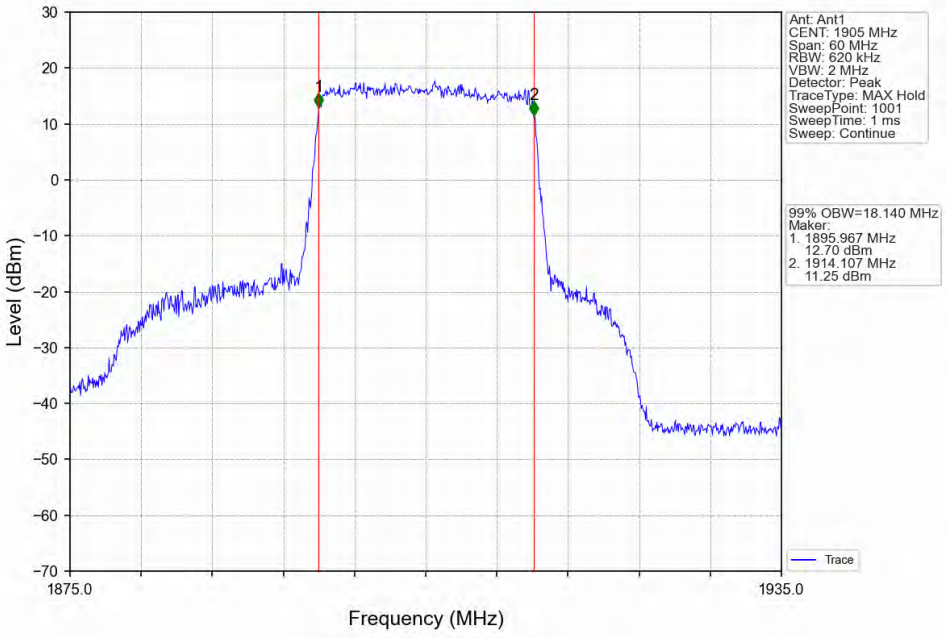
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



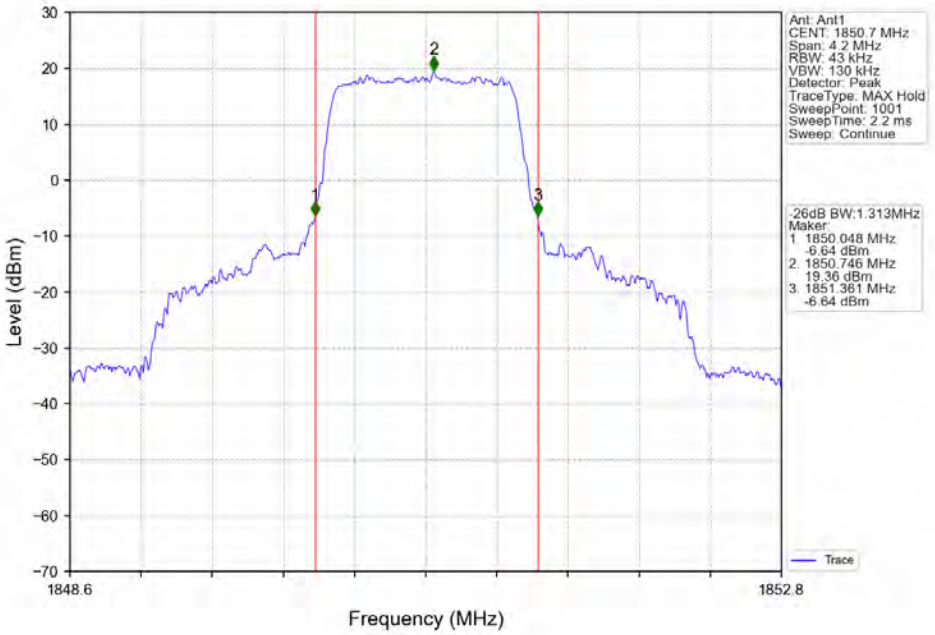
4.2 Band25_XDB

4.2.1 Test Result

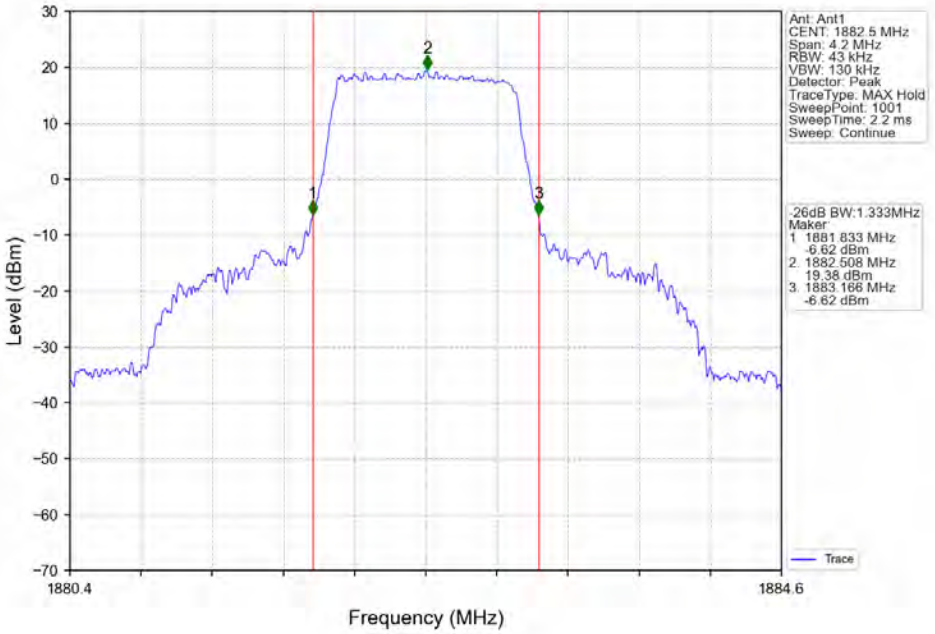
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.313	/	Pass
		1882.5	6	0	1.333	/	Pass
		1914.3	6	0	1.324	/	Pass
	16QAM	1850.7	6	0	1.321	/	Pass
		1882.5	6	0	1.304	/	Pass
		1914.3	6	0	1.336	/	Pass
3	QPSK	1851.5	15	0	2.994	/	Pass
		1882.5	15	0	2.983	/	Pass
		1913.5	15	0	3.009	/	Pass
	16QAM	1851.5	15	0	3.014	/	Pass
		1882.5	15	0	2.985	/	Pass
		1913.5	15	0	2.977	/	Pass
5	QPSK	1852.5	25	0	5.197	/	Pass
		1882.5	25	0	5.284	/	Pass
		1912.5	25	0	5.485	/	Pass
	16QAM	1852.5	25	0	5.322	/	Pass
		1882.5	25	0	5.340	/	Pass
		1912.5	25	0	5.853	/	Pass
10	QPSK	1855	50	0	10.357	/	Pass
		1882.5	50	0	10.167	/	Pass
		1910	50	0	10.330	/	Pass
	16QAM	1855	50	0	10.248	/	Pass
		1882.5	50	0	10.182	/	Pass
		1910	50	0	10.173	/	Pass
15	QPSK	1857.5	75	0	15.433	/	Pass
		1882.5	75	0	15.230	/	Pass
		1907.5	75	0	15.295	/	Pass
	16QAM	1857.5	75	0	15.418	/	Pass
		1882.5	75	0	15.269	/	Pass
		1907.5	75	0	15.305	/	Pass
20	QPSK	1860	100	0	20.398	/	Pass
		1882.5	100	0	20.140	/	Pass
		1905	100	0	19.989	/	Pass
	16QAM	1860	100	0	20.205	/	Pass
		1882.5	100	0	20.201	/	Pass
		1905	100	0	20.051	/	Pass

4.2.2 Test Graph

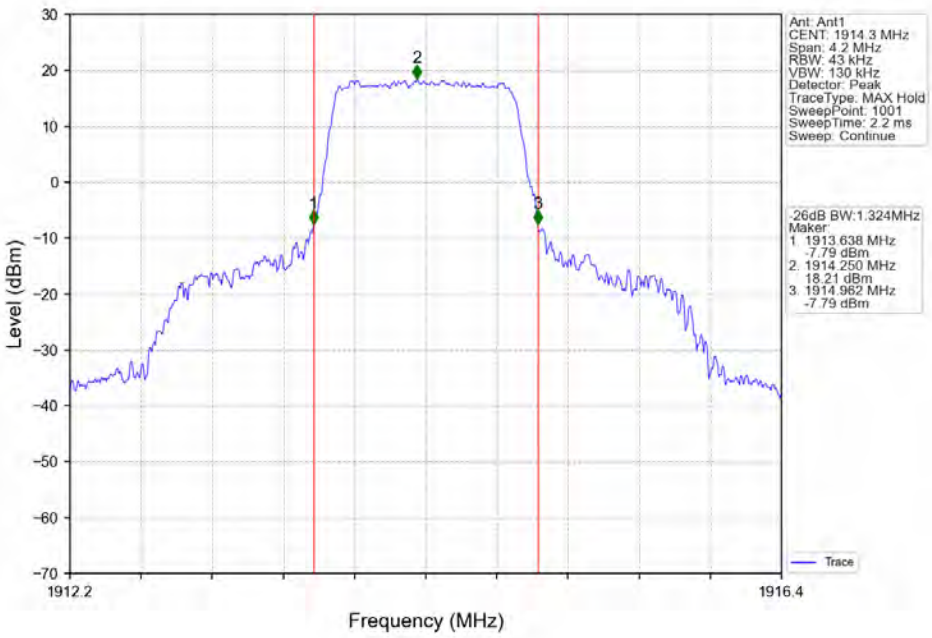
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



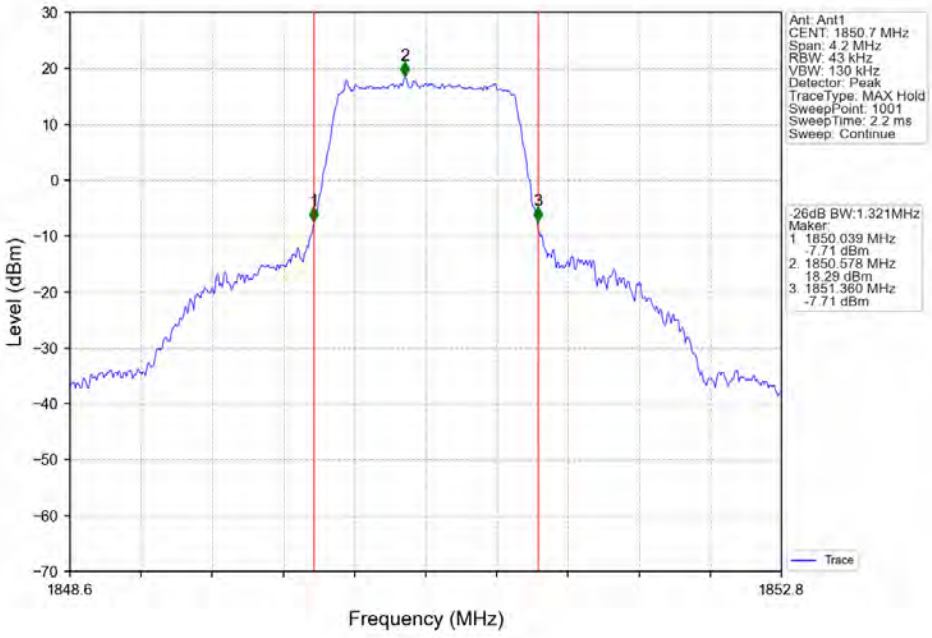
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



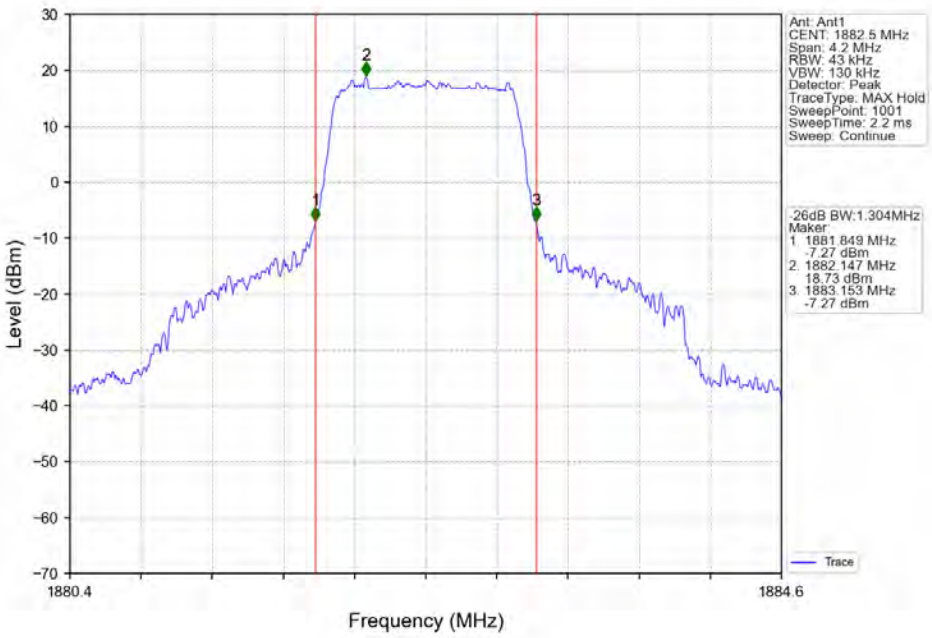
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



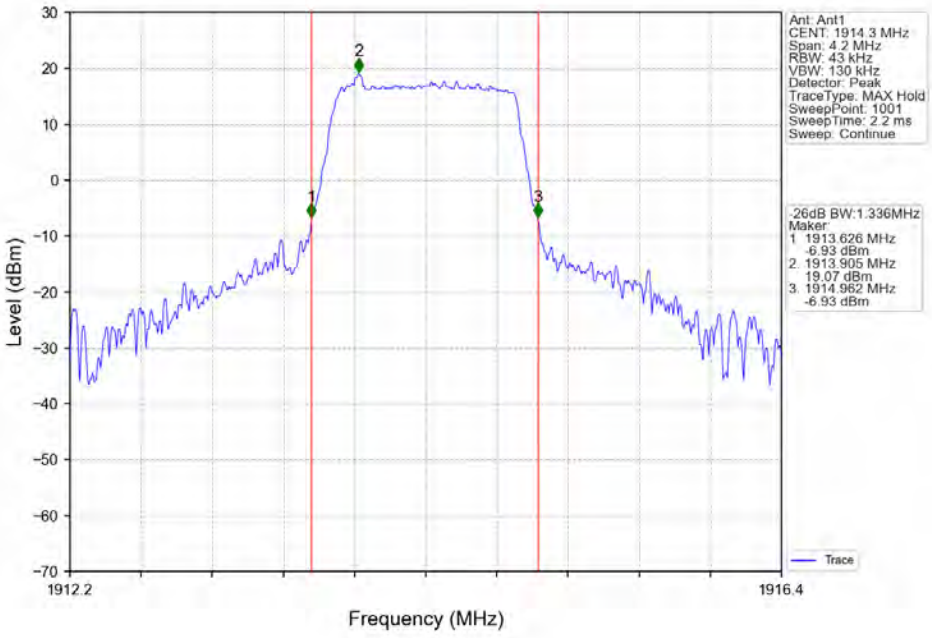
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



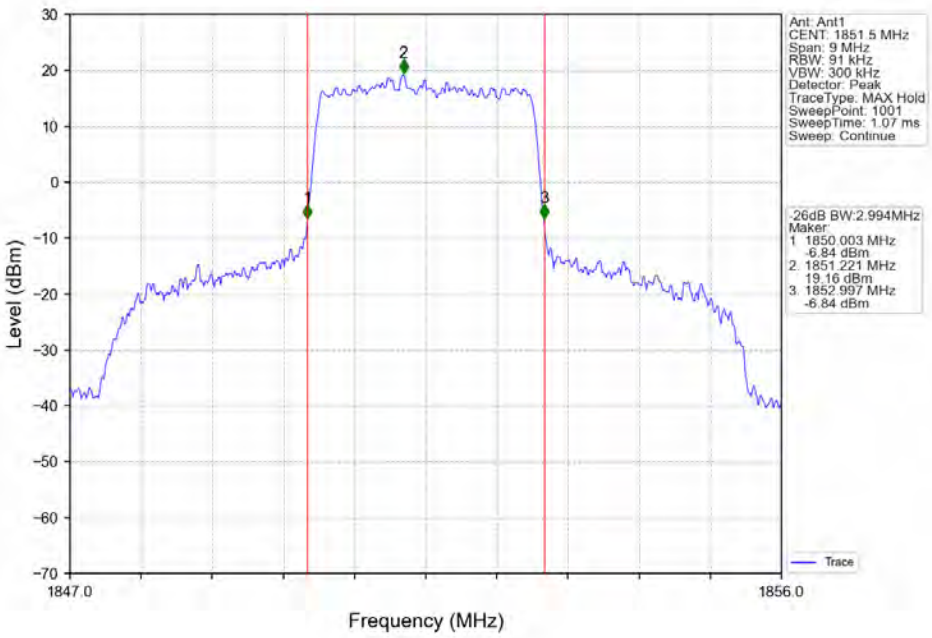
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



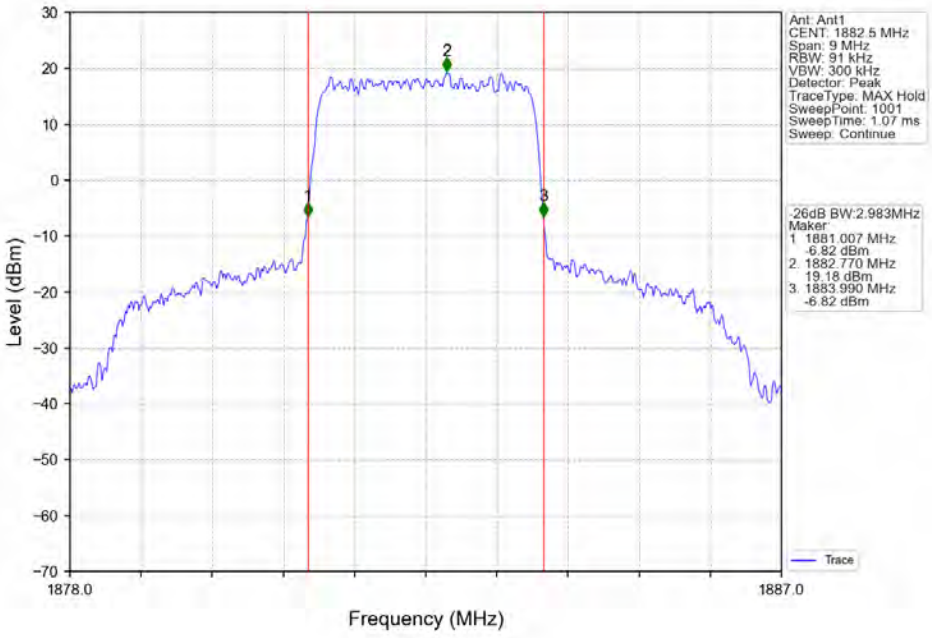
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



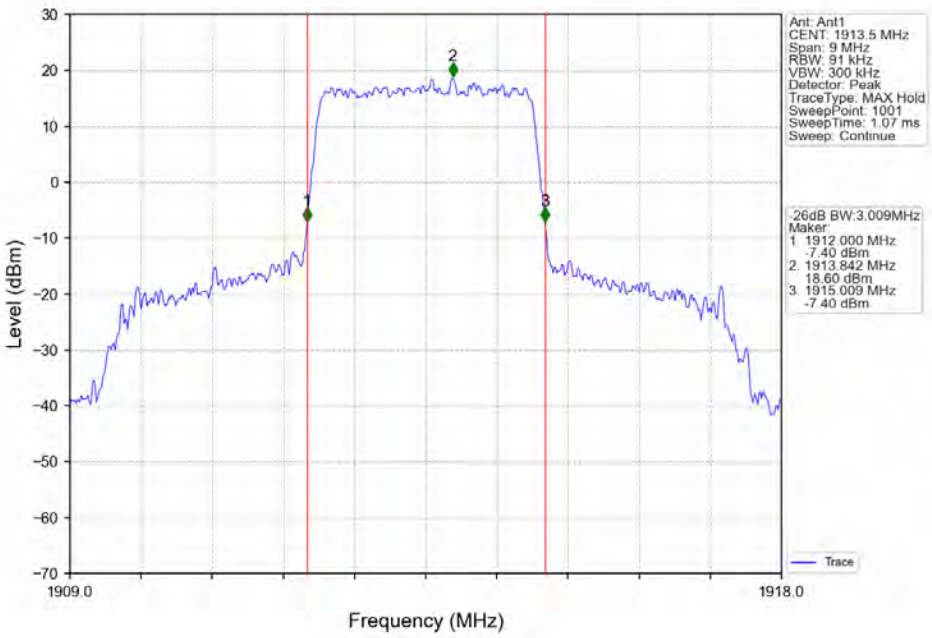
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



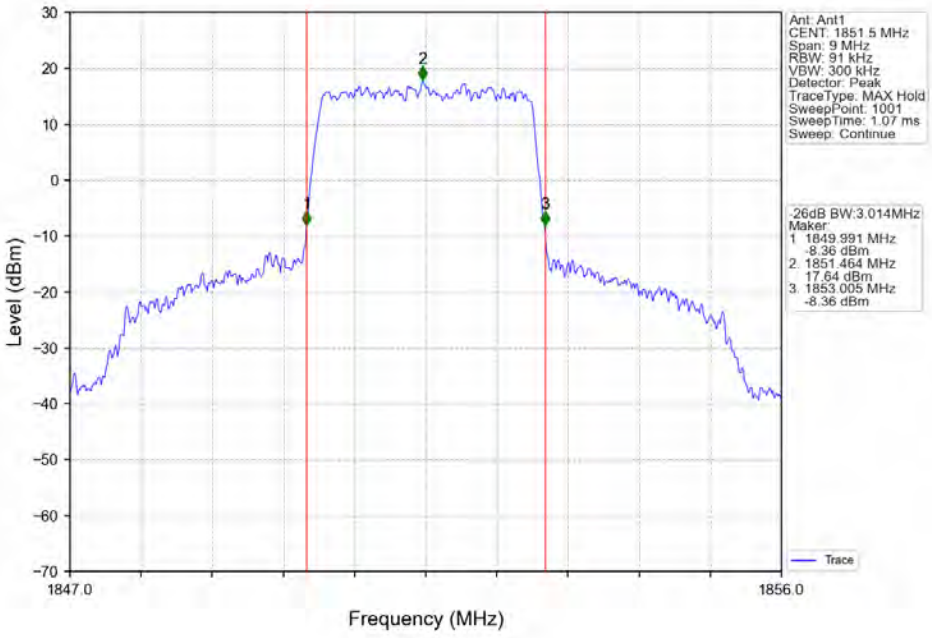
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



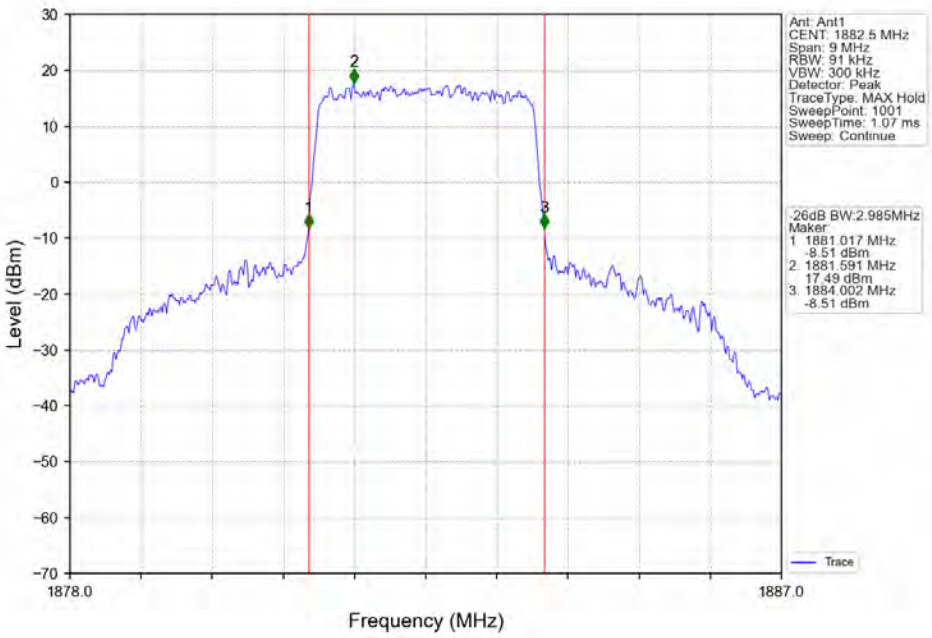
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



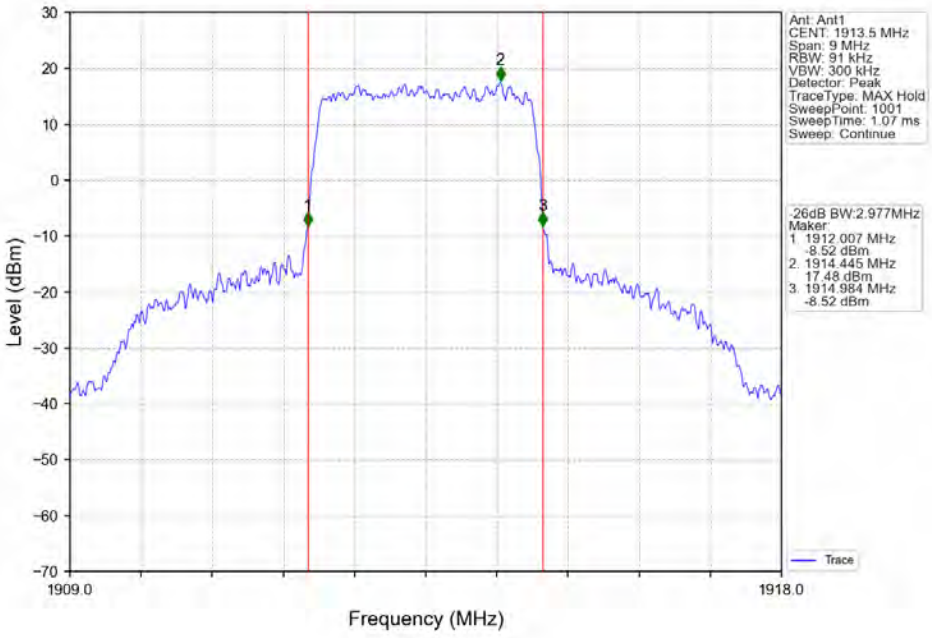
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



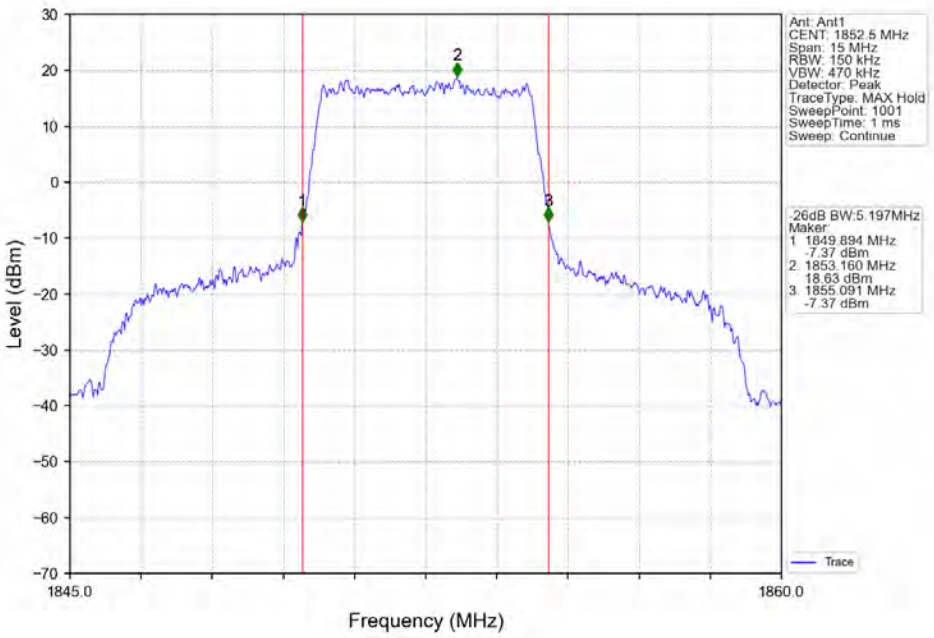
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



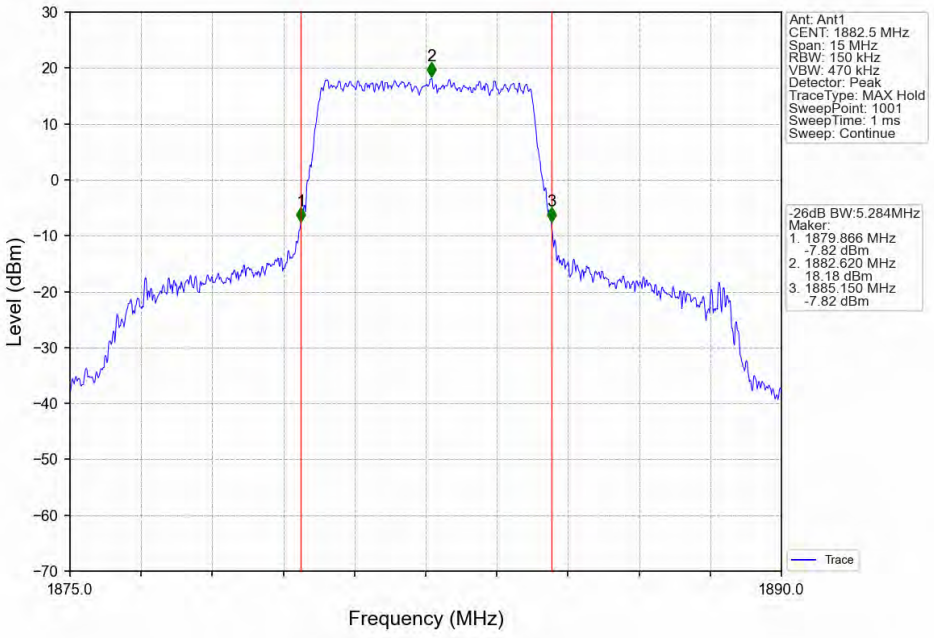
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



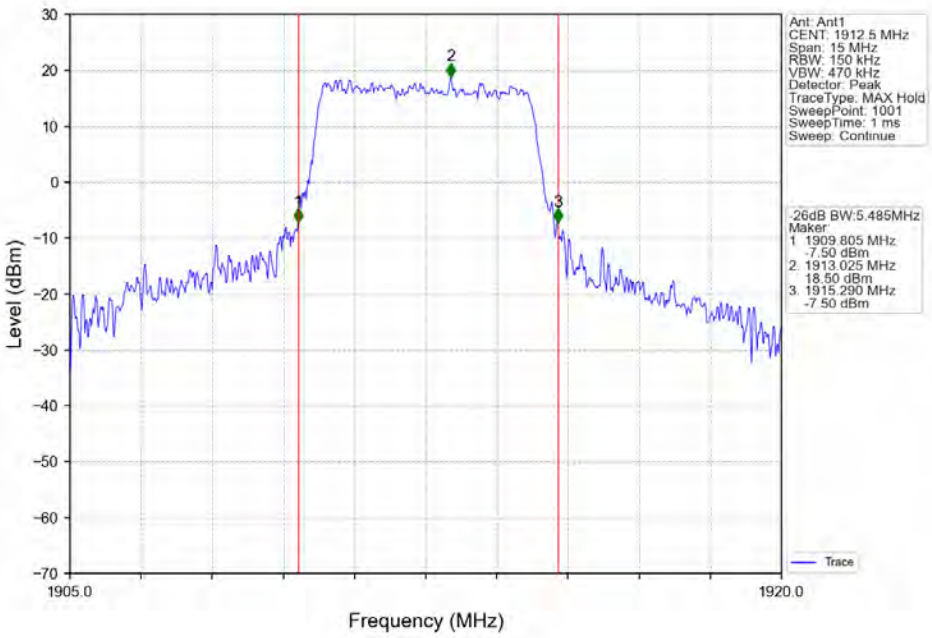
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



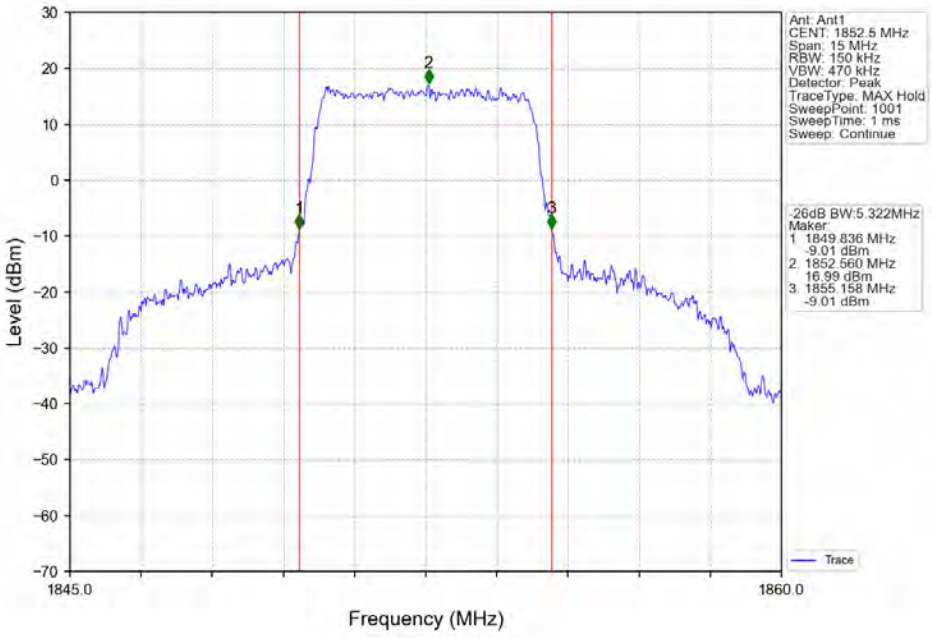
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



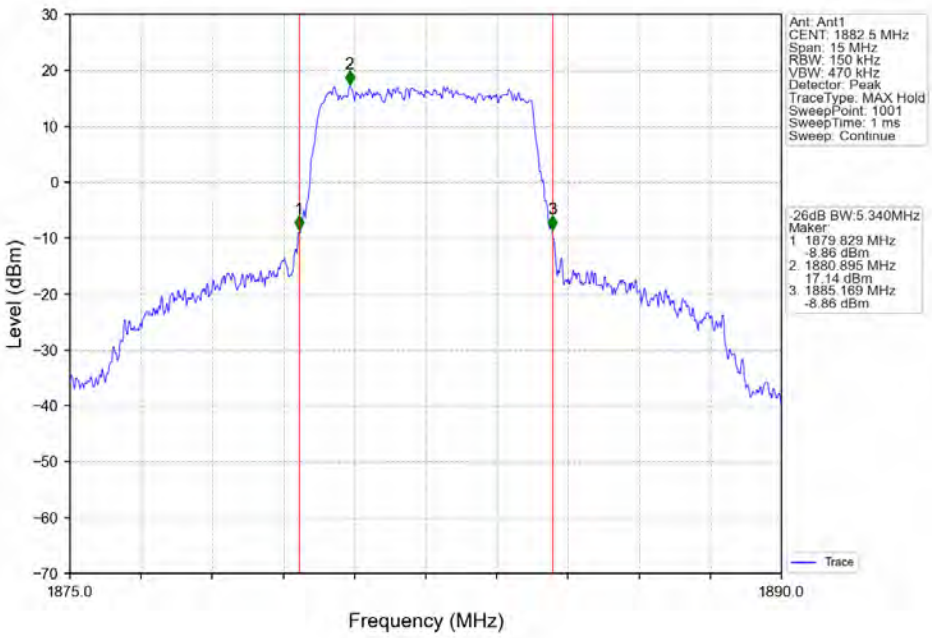
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



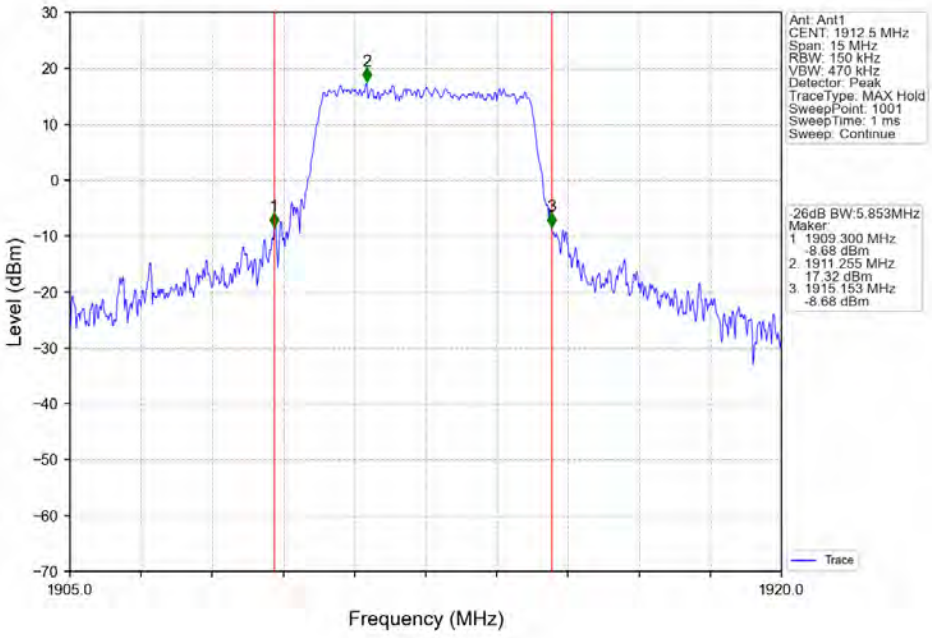
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



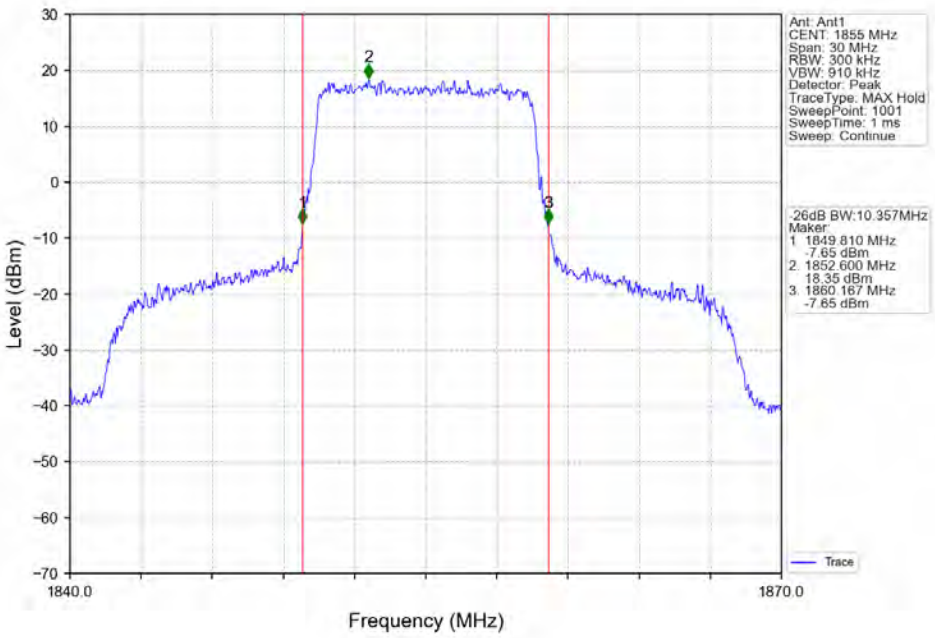
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



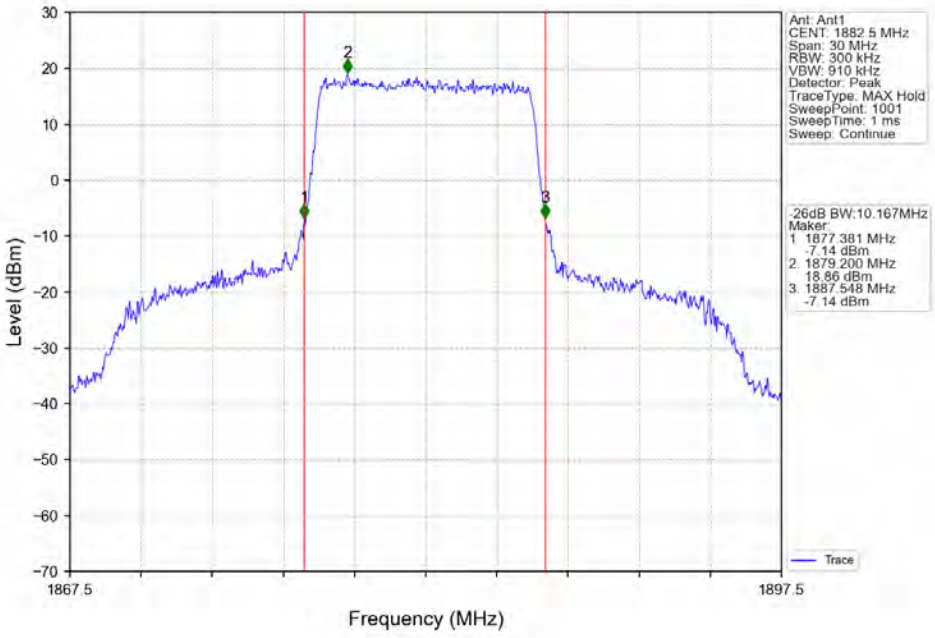
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



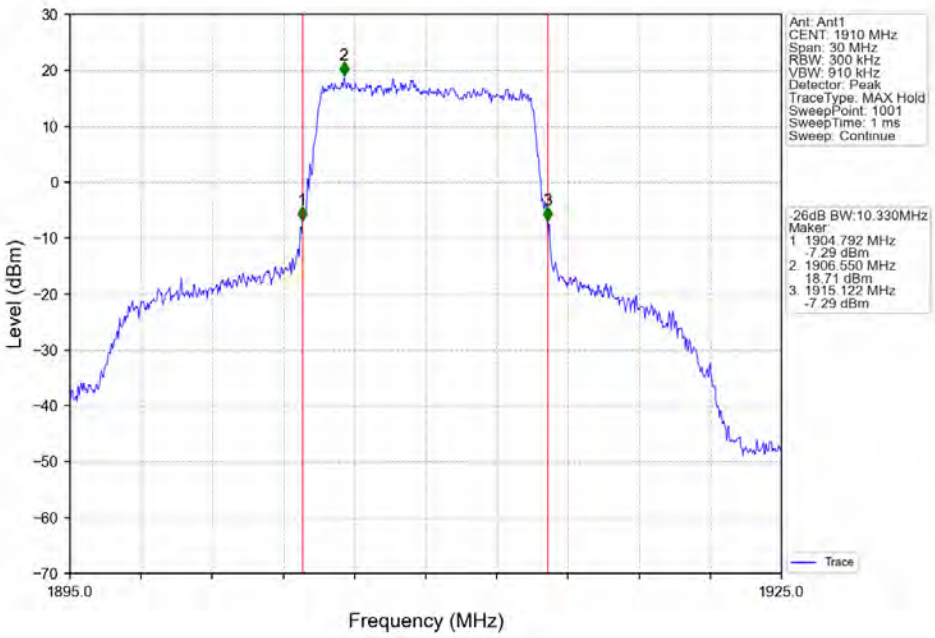
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



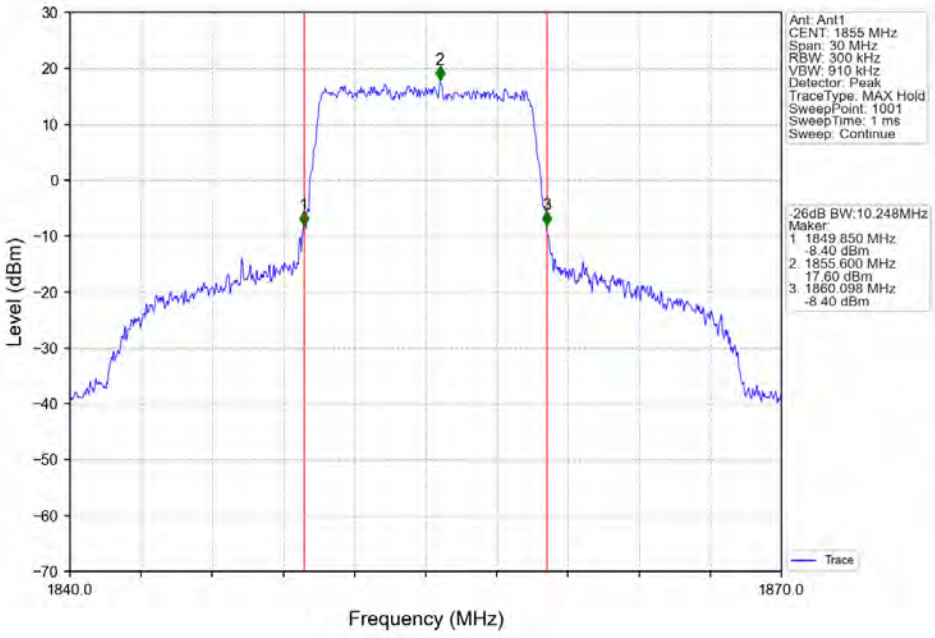
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



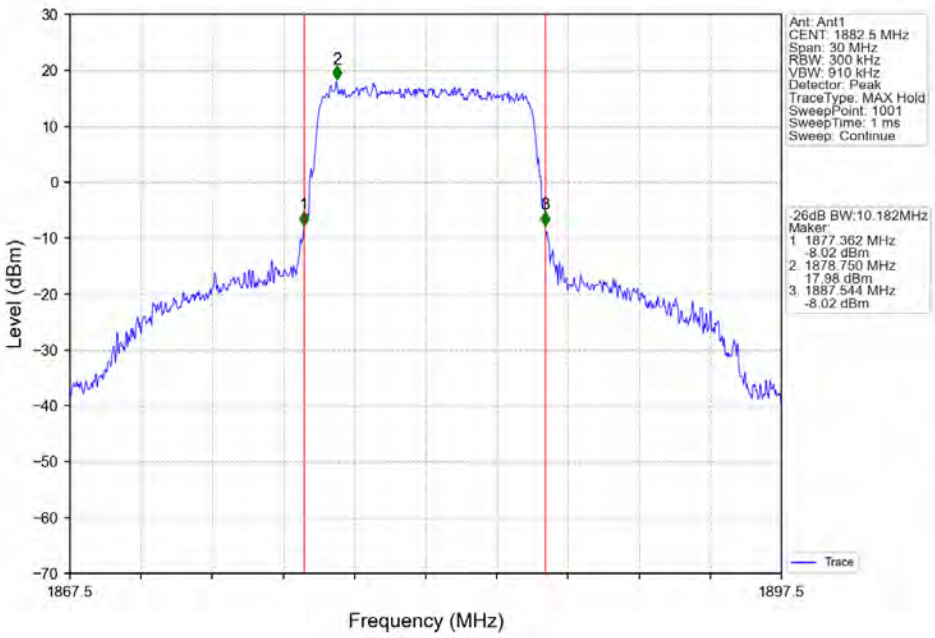
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



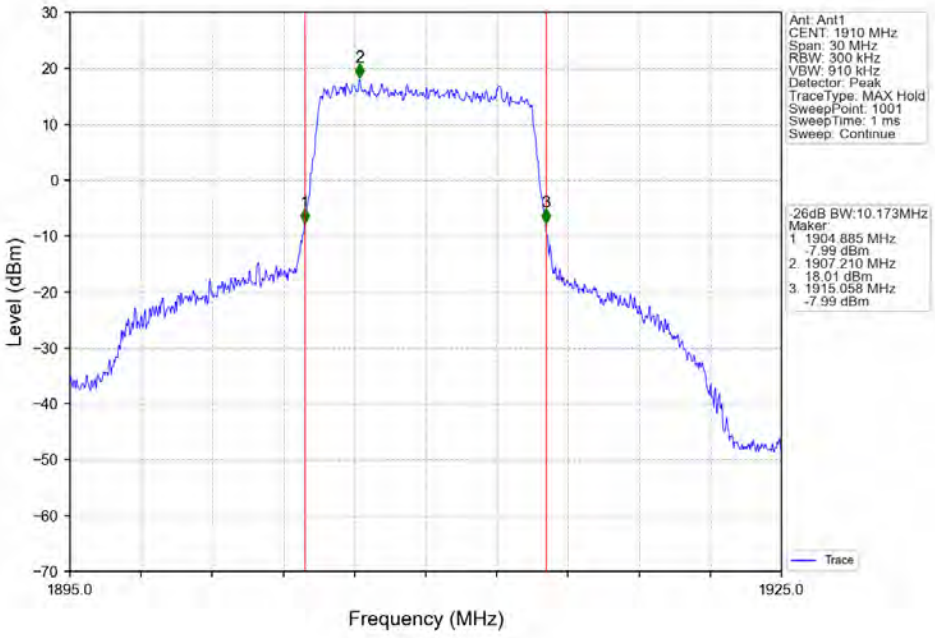
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



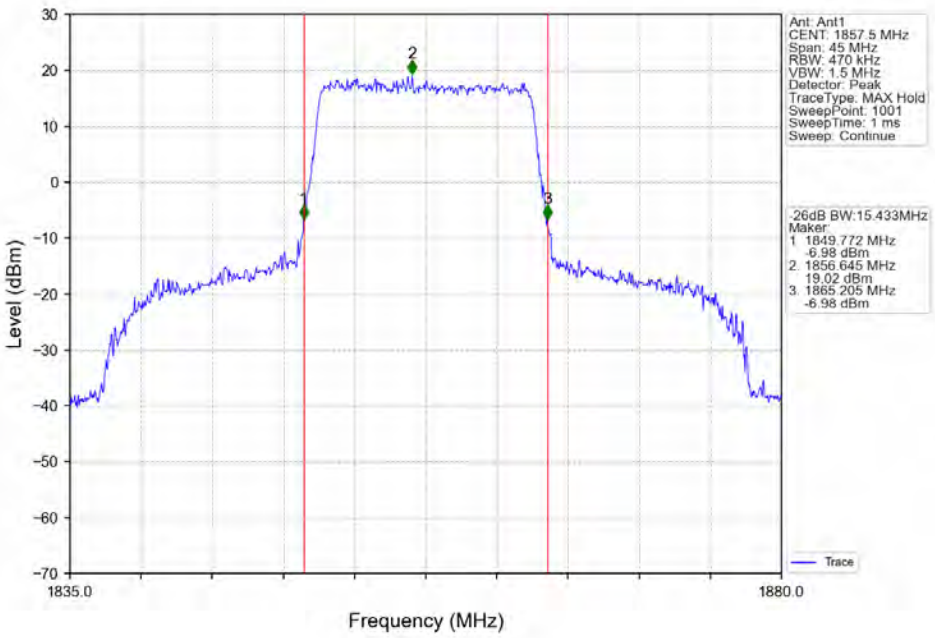
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



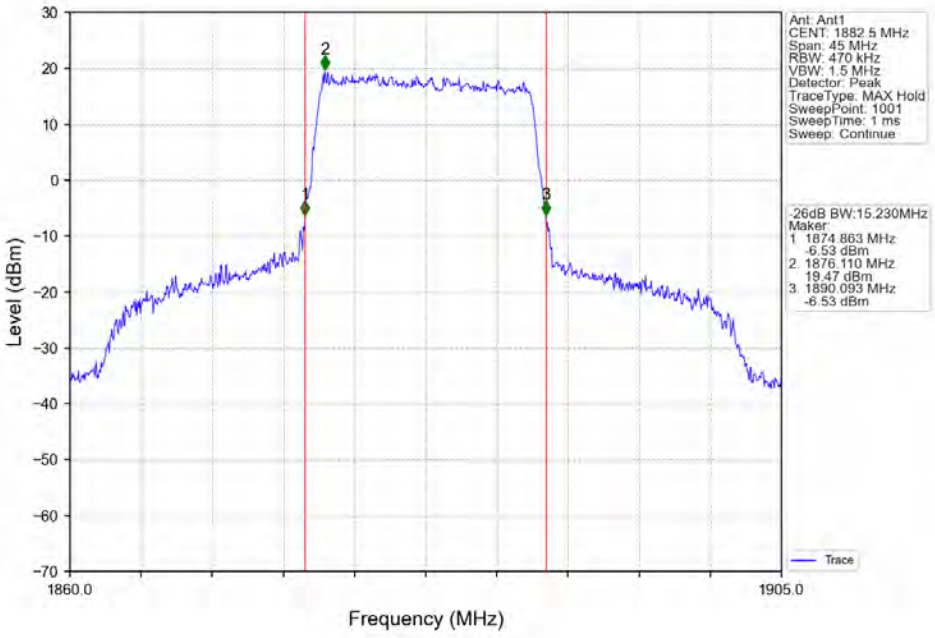
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



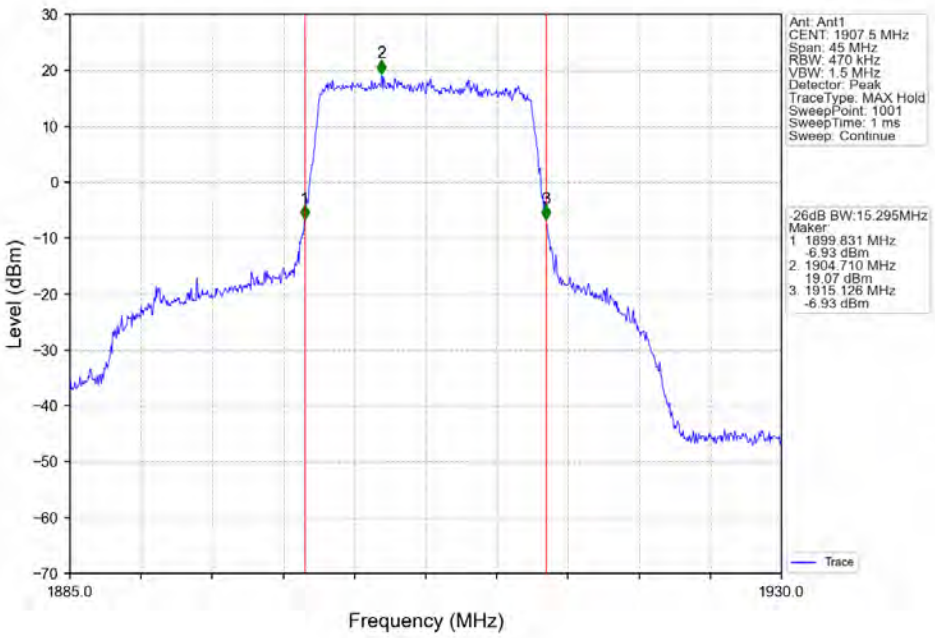
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



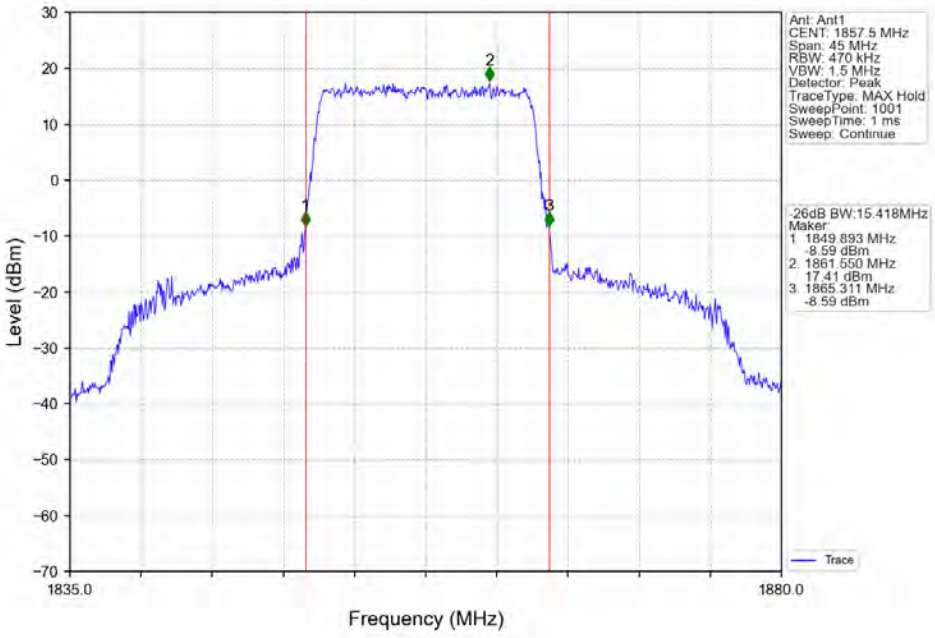
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



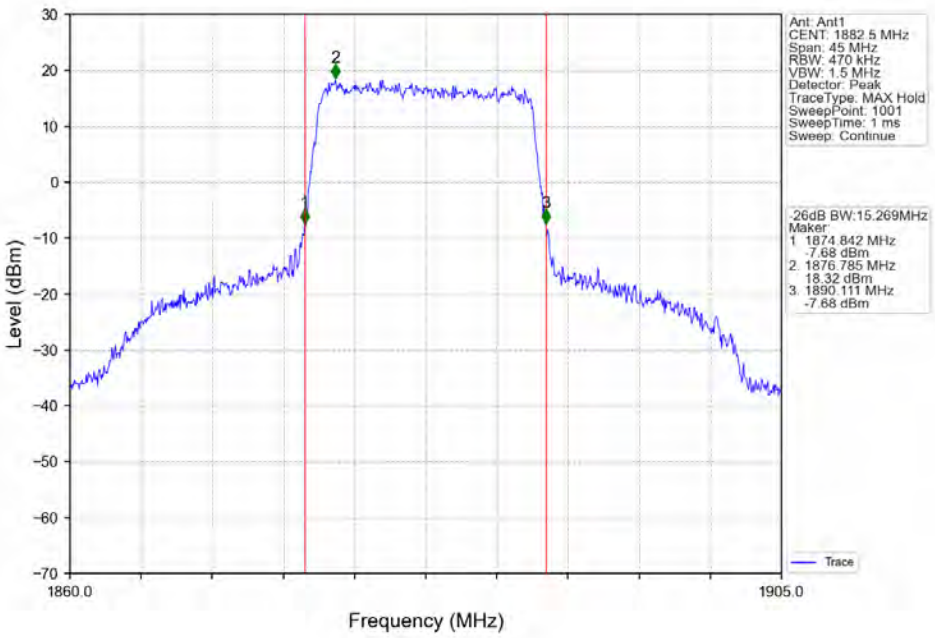
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



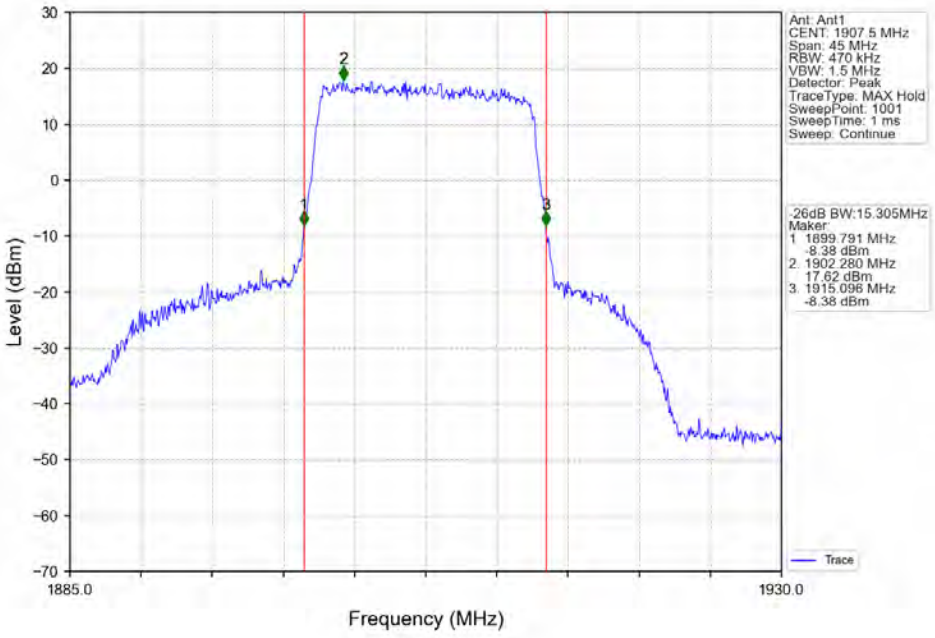
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



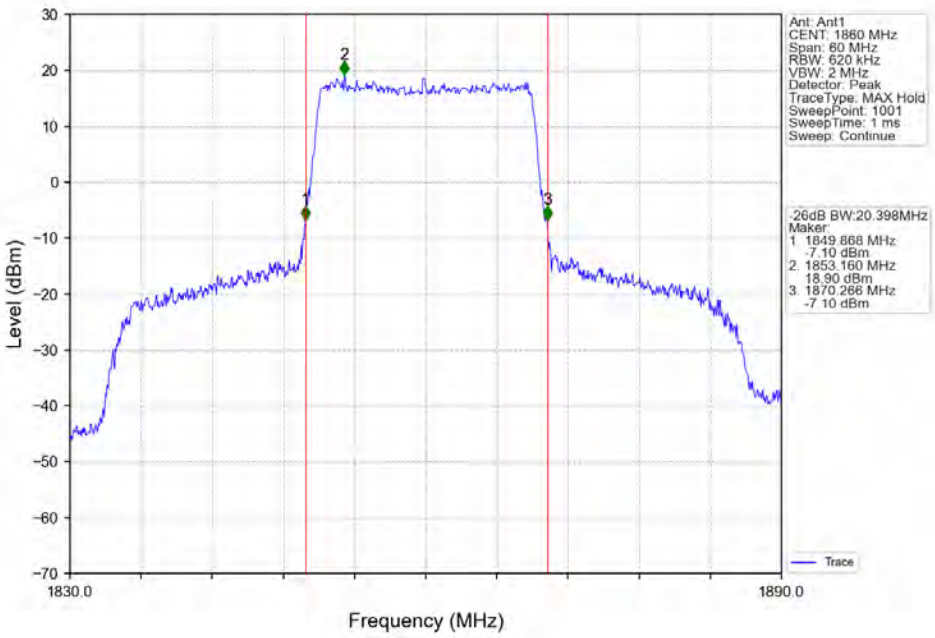
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



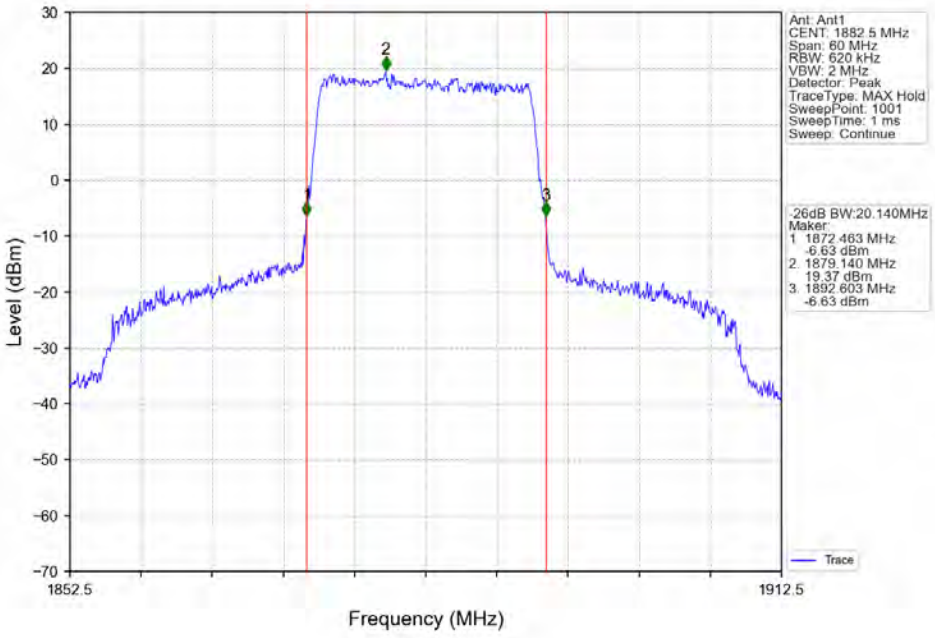
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



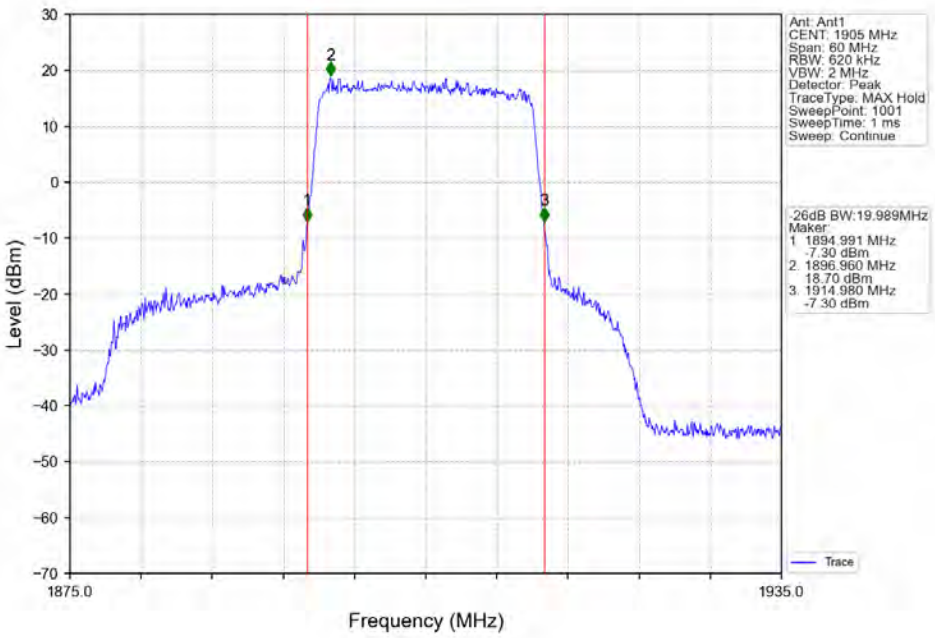
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



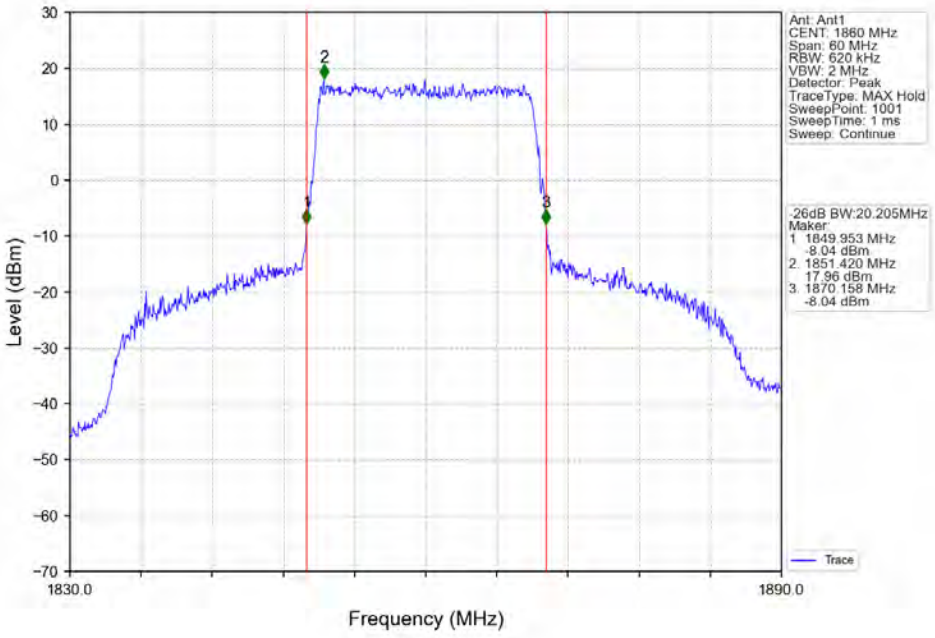
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



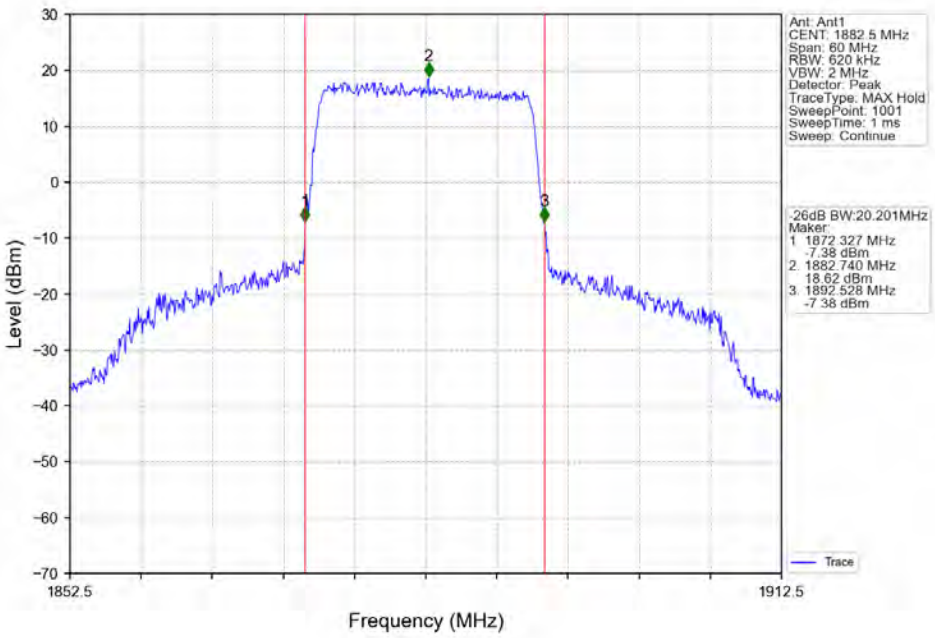
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



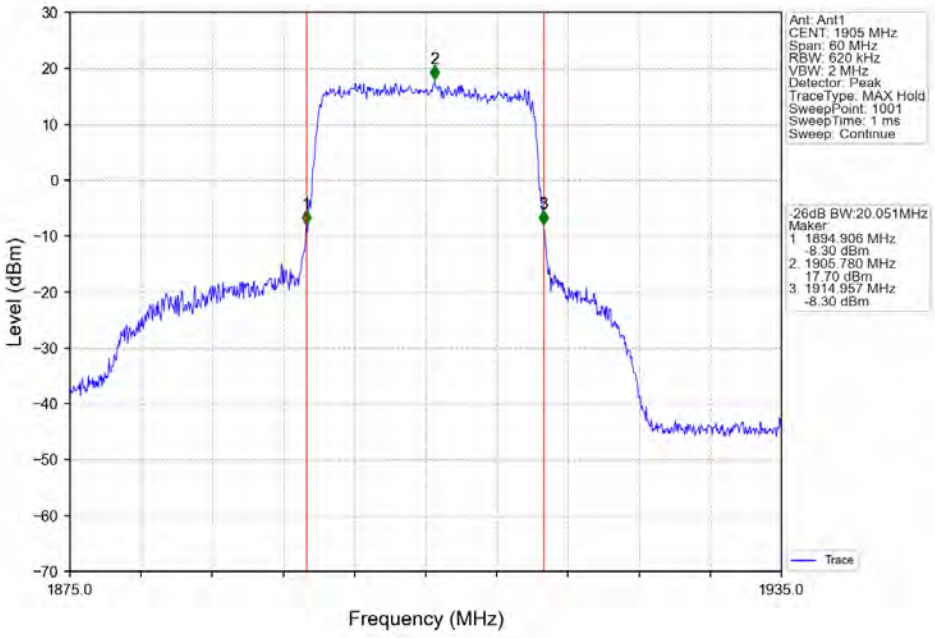
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Peak-Average Ratio

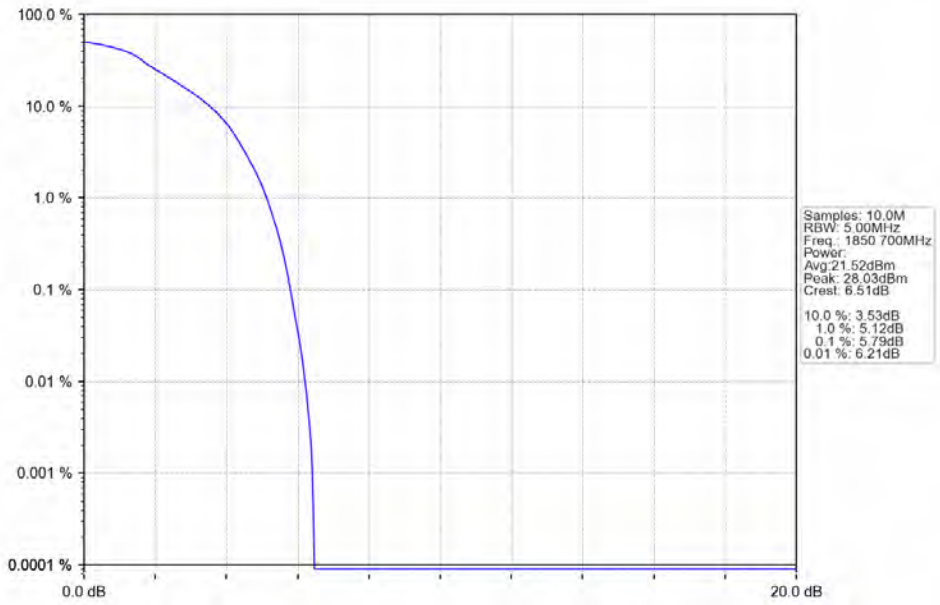
5.1 B25_1.4MHz

5.1.1 Test Result

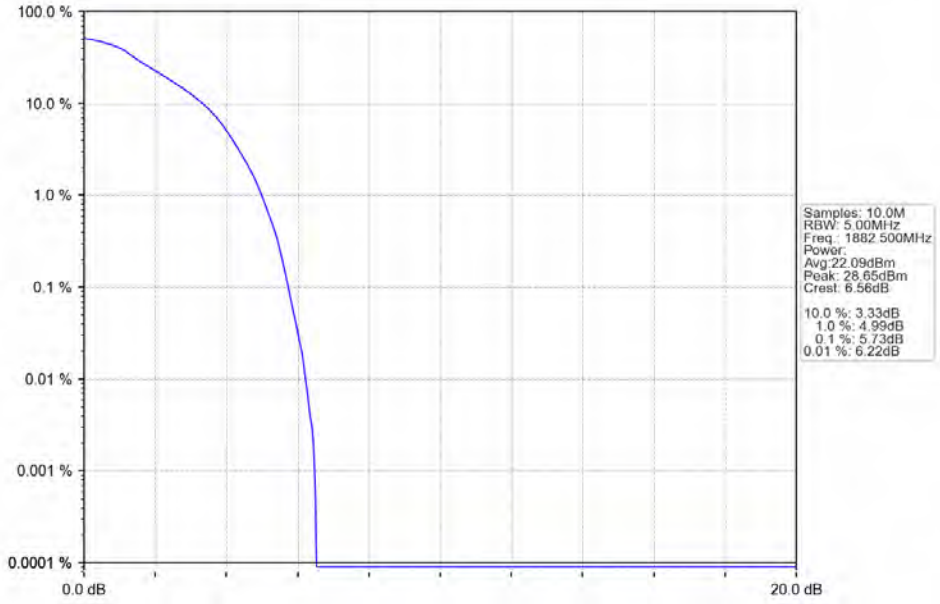
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.79	<=13	Pass
	1882.5	6	0	5.73	<=13	Pass
	1914.3	6	0	4.77	<=13	Pass
16QAM	1850.7	6	0	8.39	<=13	Pass
	1882.5	6	0	8.41	<=13	Pass
	1914.3	6	0	8.41	<=13	Pass

5.1.2 Test Graph

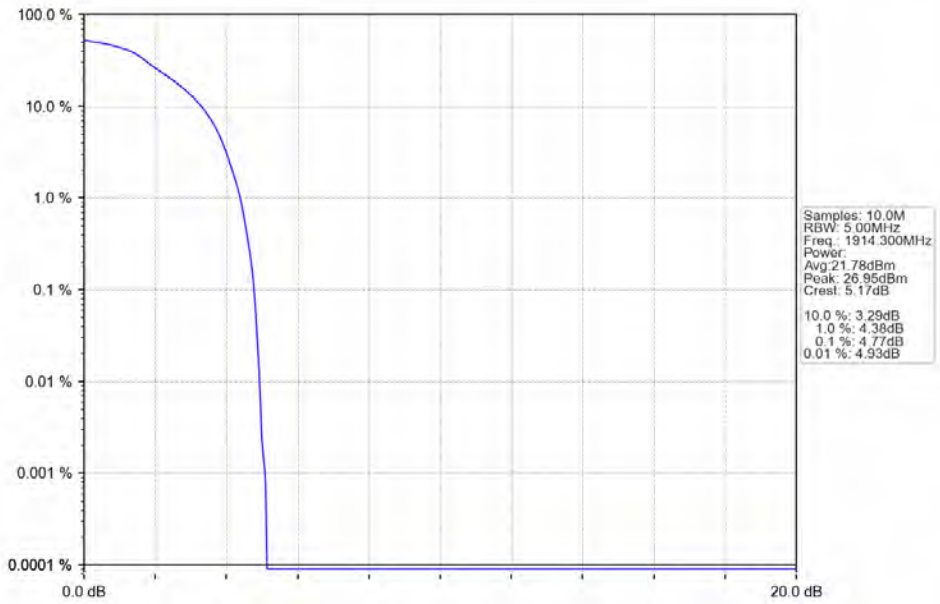
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



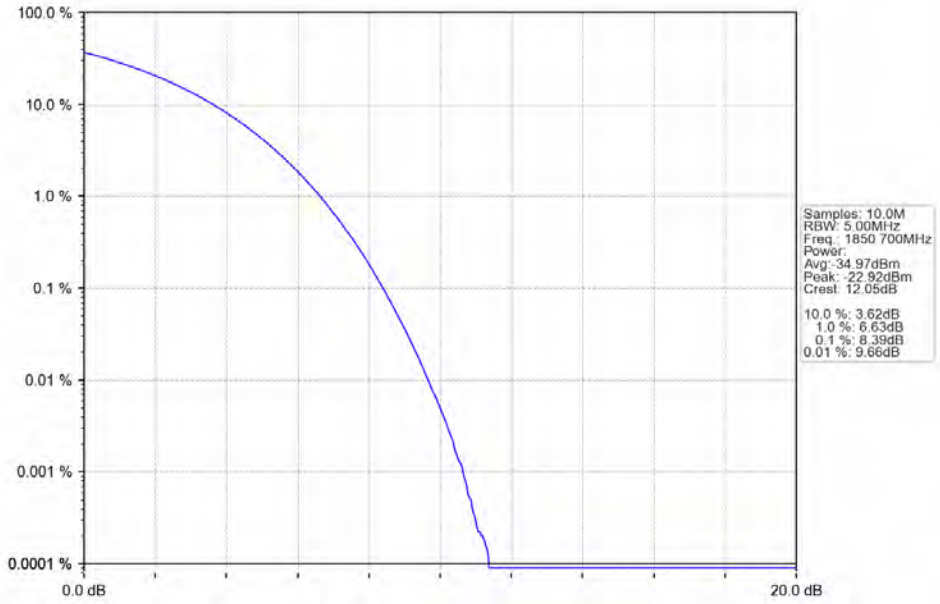
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



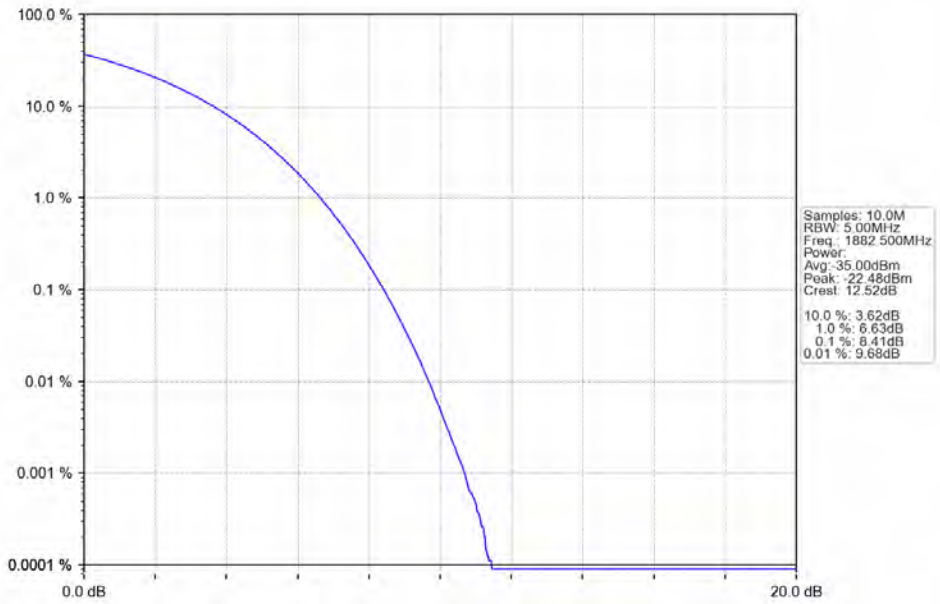
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



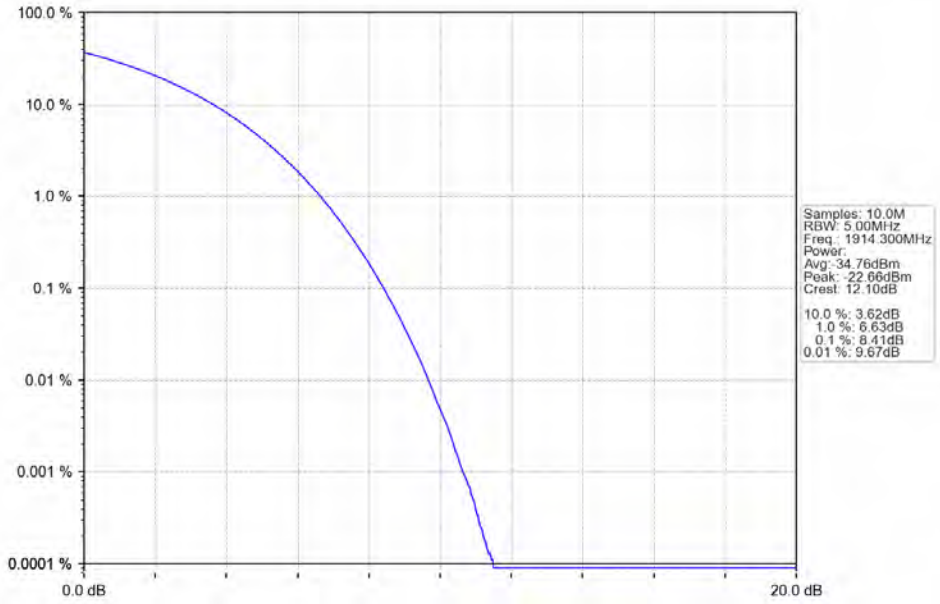
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



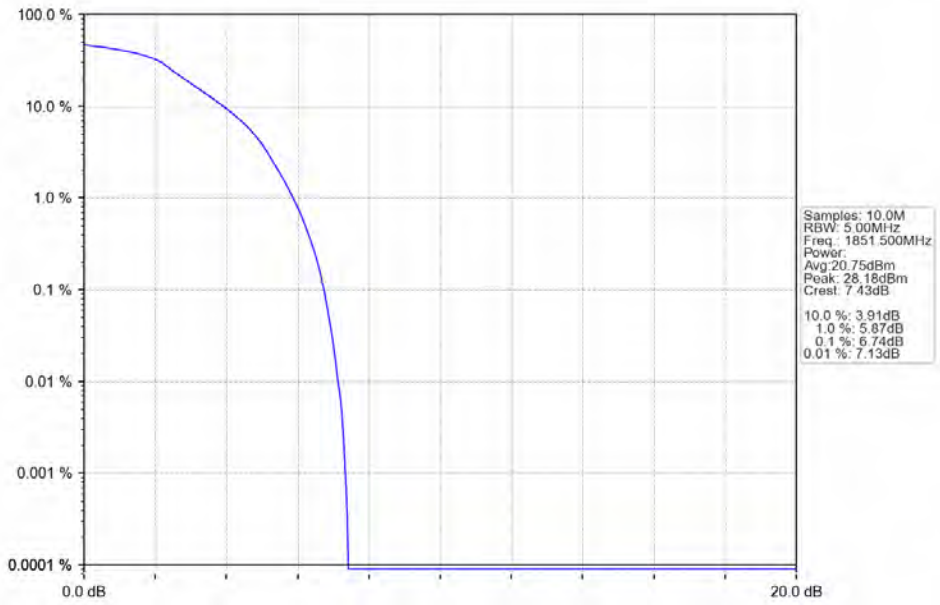
5.2 B25_3MHz

5.2.1 Test Result

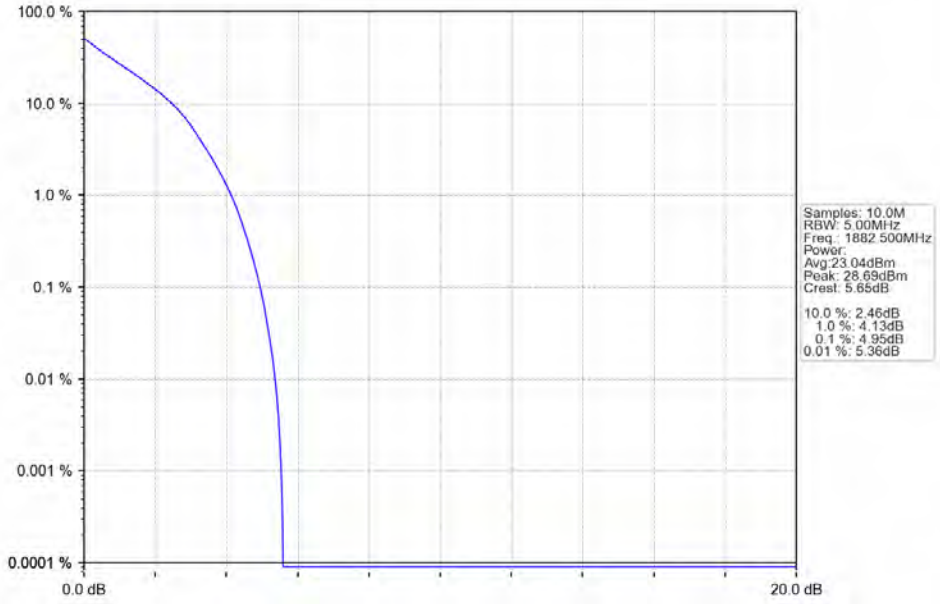
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	6.74	<=13	Pass
	1882.5	15	0	4.95	<=13	Pass
	1913.5	15	0	5.54	<=13	Pass
16QAM	1851.5	15	0	9.44	<=13	Pass
	1882.5	15	0	8.41	<=13	Pass
	1913.5	15	0	7.19	<=13	Pass

5.2.2 Test Graph

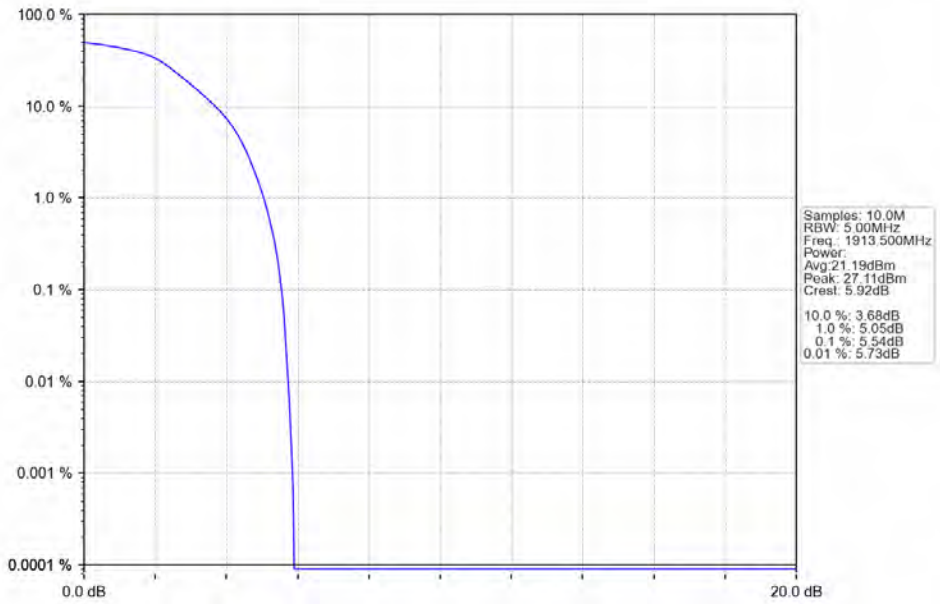
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



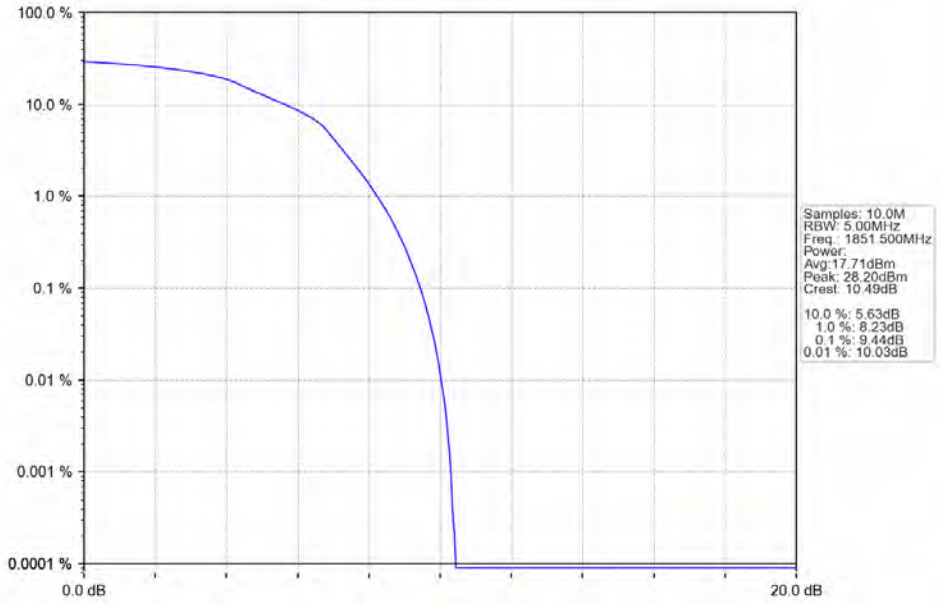
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



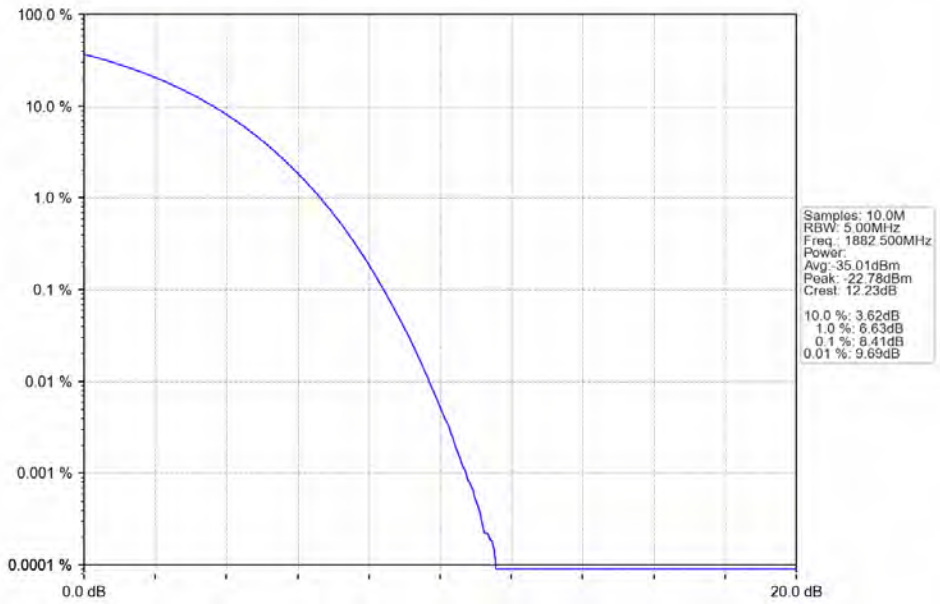
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



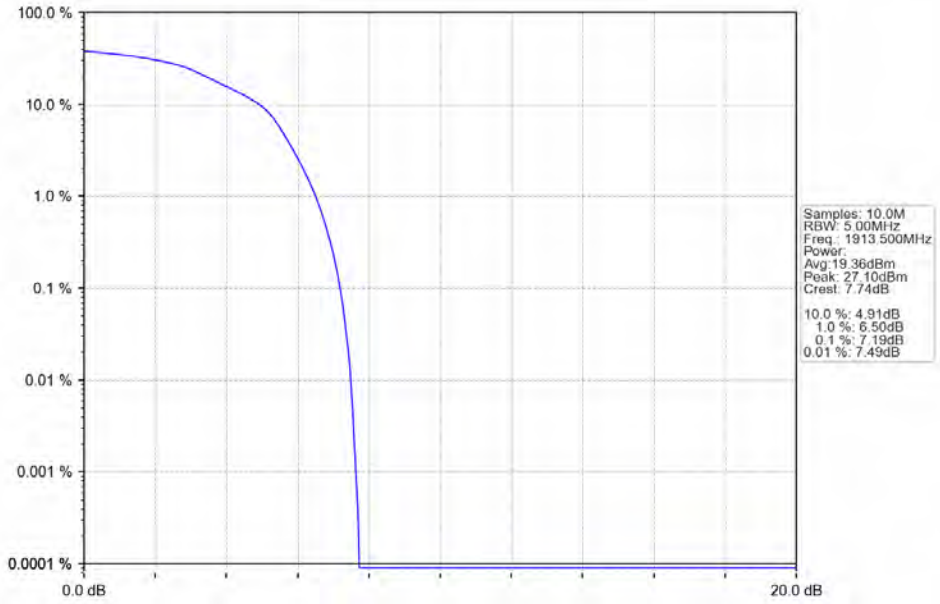
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



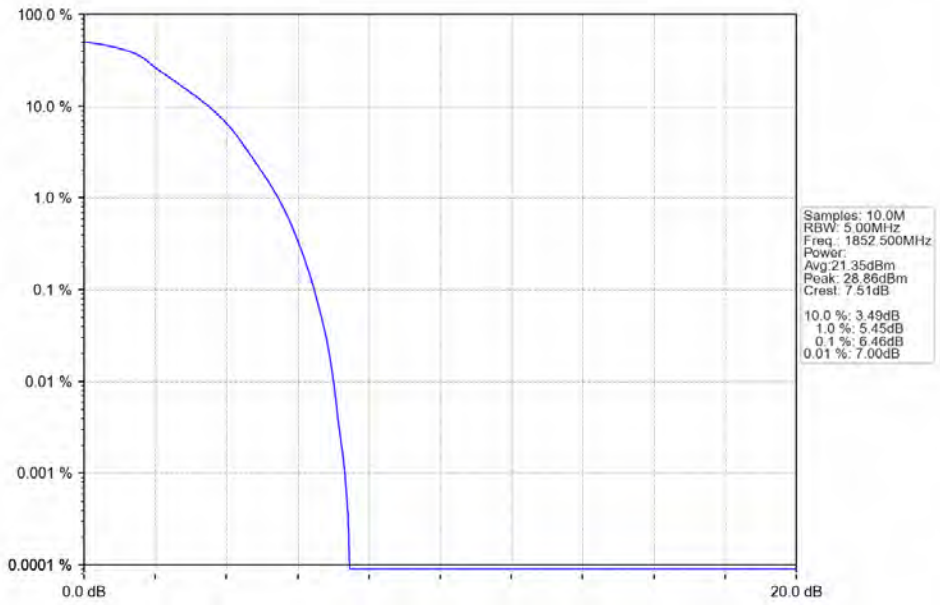
5.3 B25_5MHz

5.3.1 Test Result

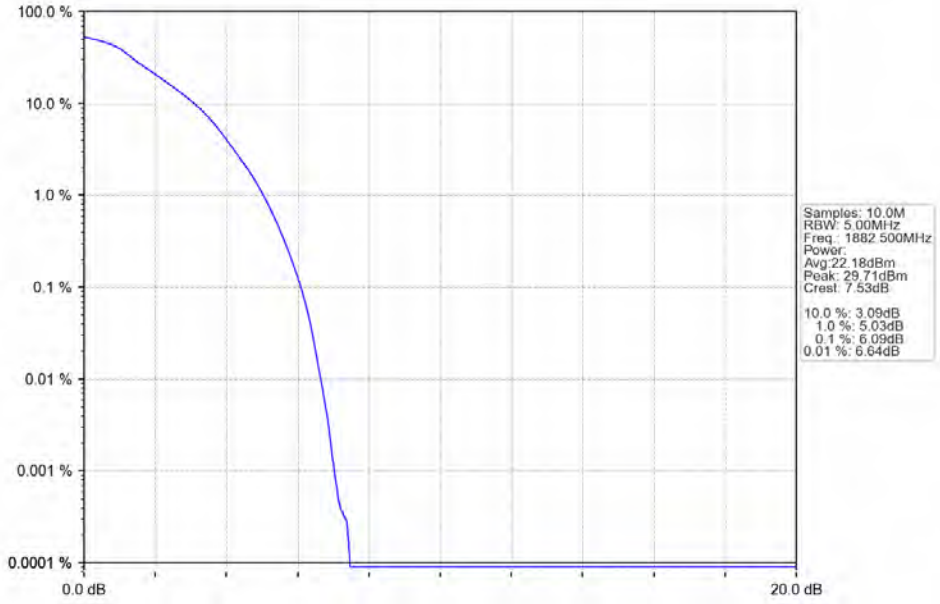
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	6.46	<=13	Pass
	1882.5	25	0	6.09	<=13	Pass
	1912.5	25	0	5.26	<=13	Pass
16QAM	1852.5	25	0	8.82	<=13	Pass
	1882.5	25	0	8.28	<=13	Pass
	1912.5	25	0	8.40	<=13	Pass

5.3.2 Test Graph

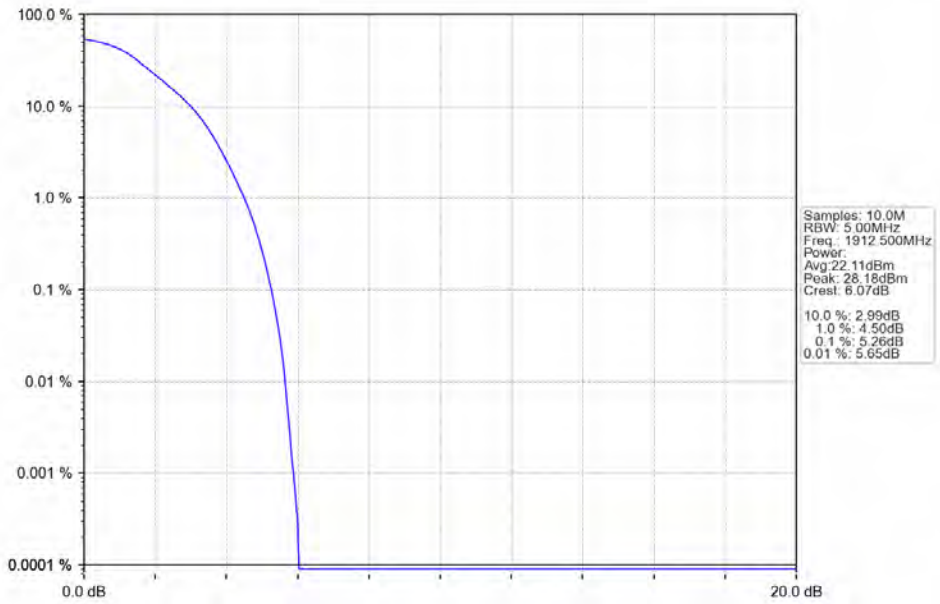
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



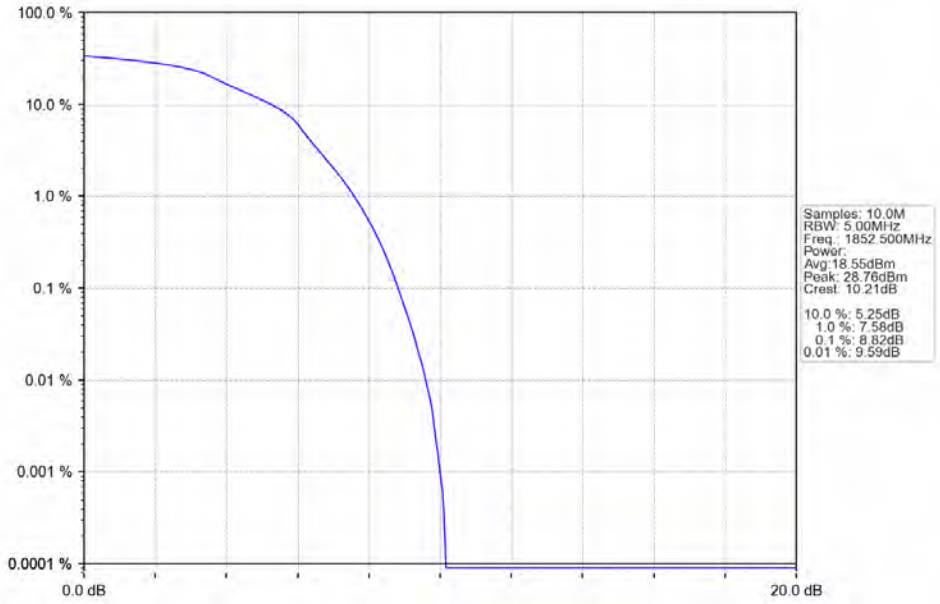
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



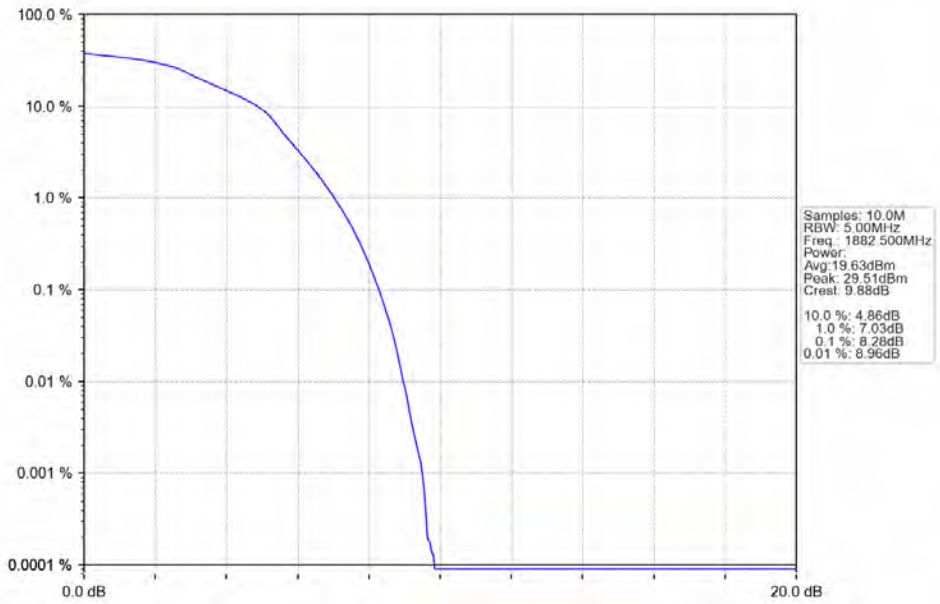
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



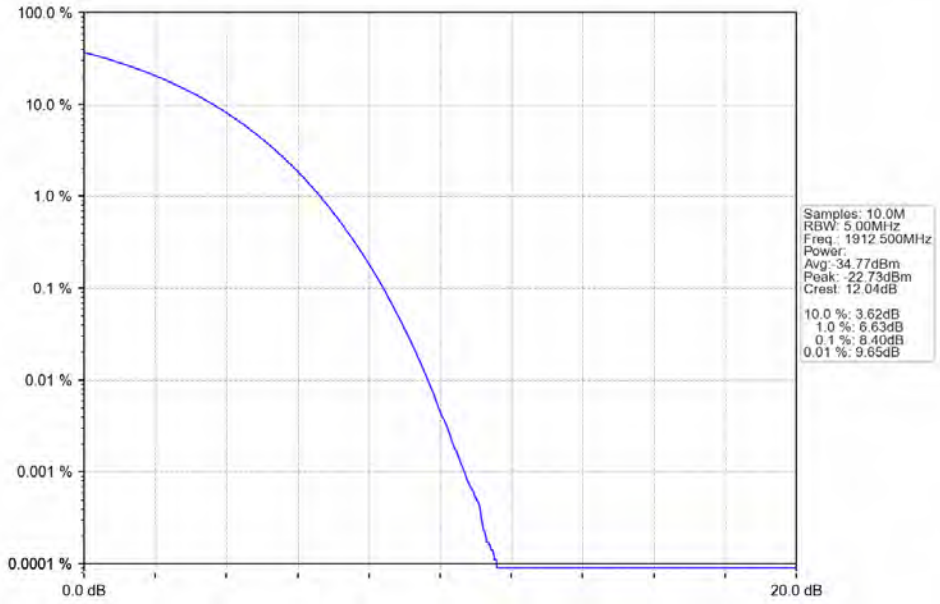
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



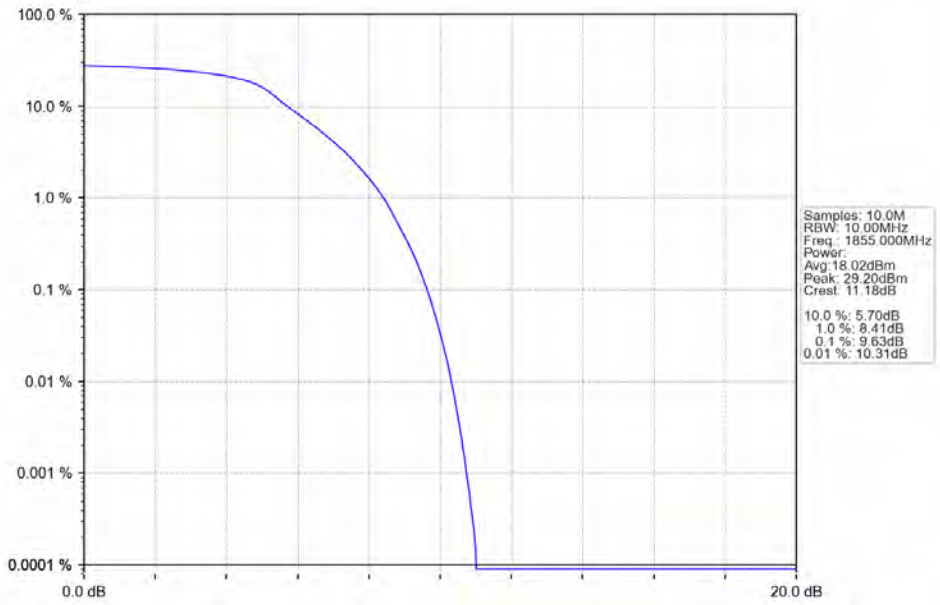
5.4 B25_10MHz

5.4.1 Test Result

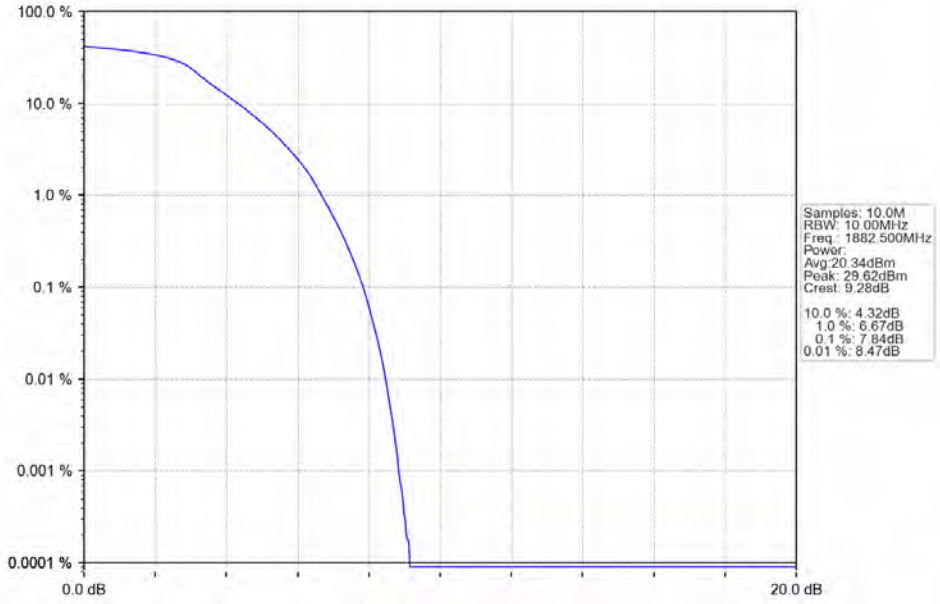
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	9.63	<=13	Pass
	1882.5	50	0	7.84	<=13	Pass
	1910	50	0	8.10	<=13	Pass
16QAM	1855	50	0	10.08	<=13	Pass
	1882.5	50	0	8.71	<=13	Pass
	1910	50	0	9.87	<=13	Pass

5.4.2 Test Graph

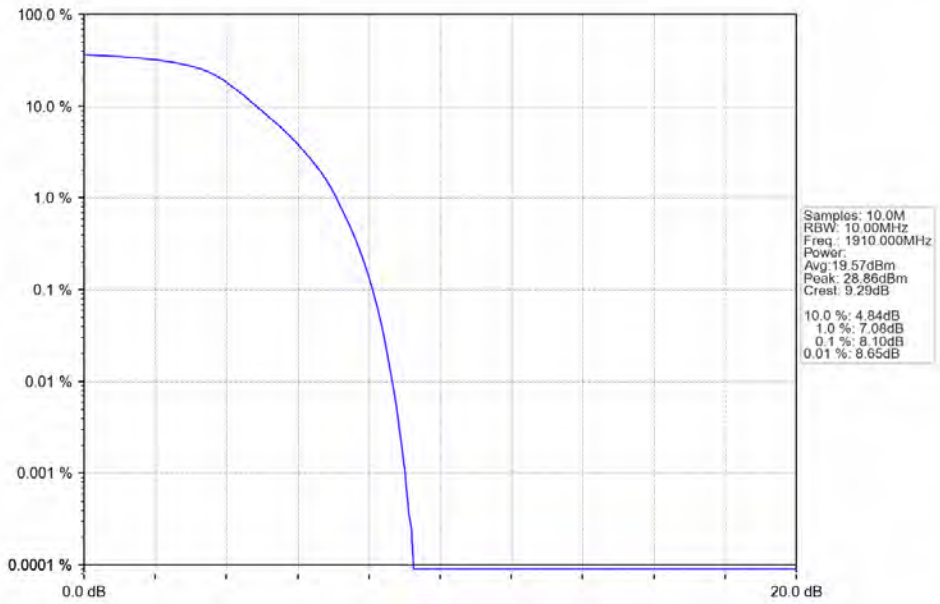
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



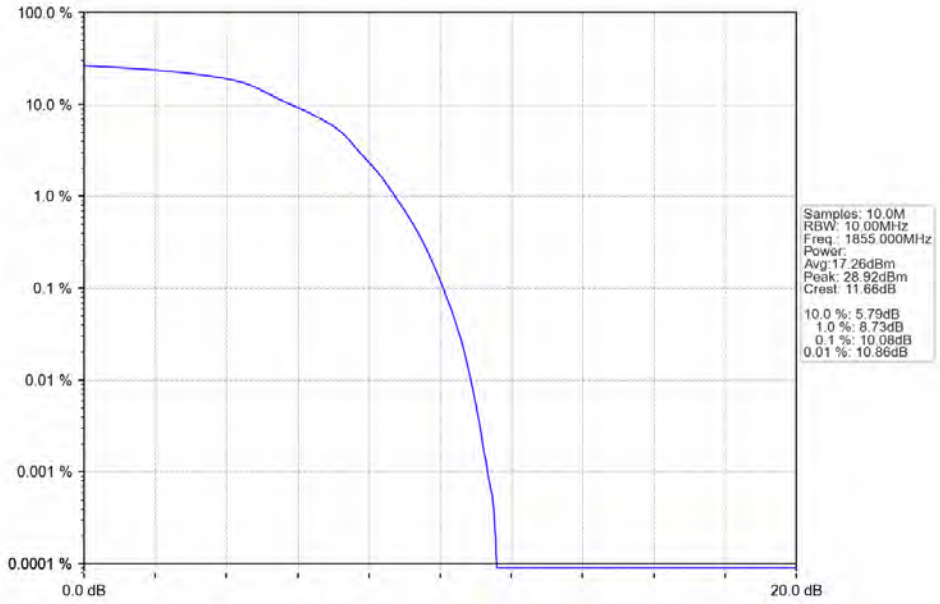
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



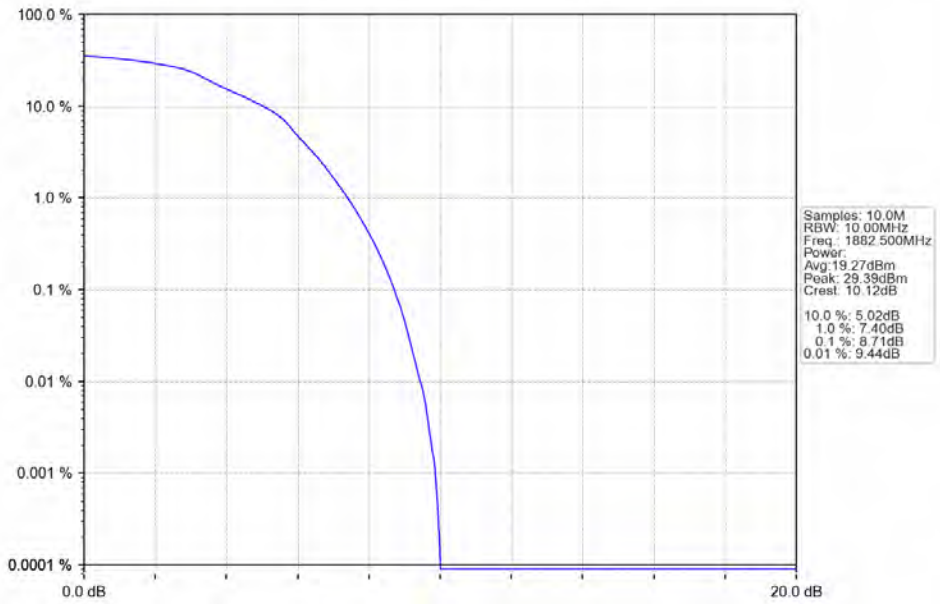
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



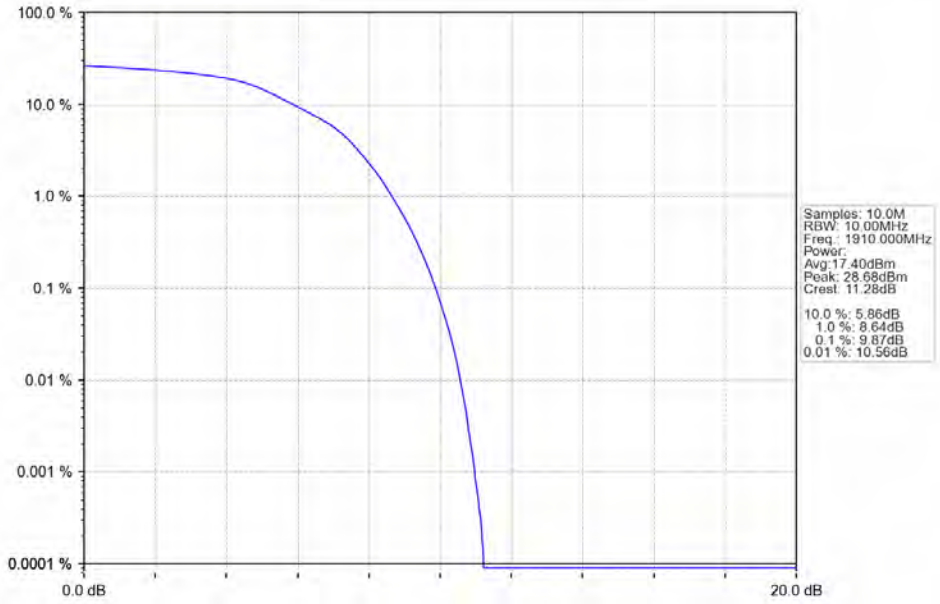
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



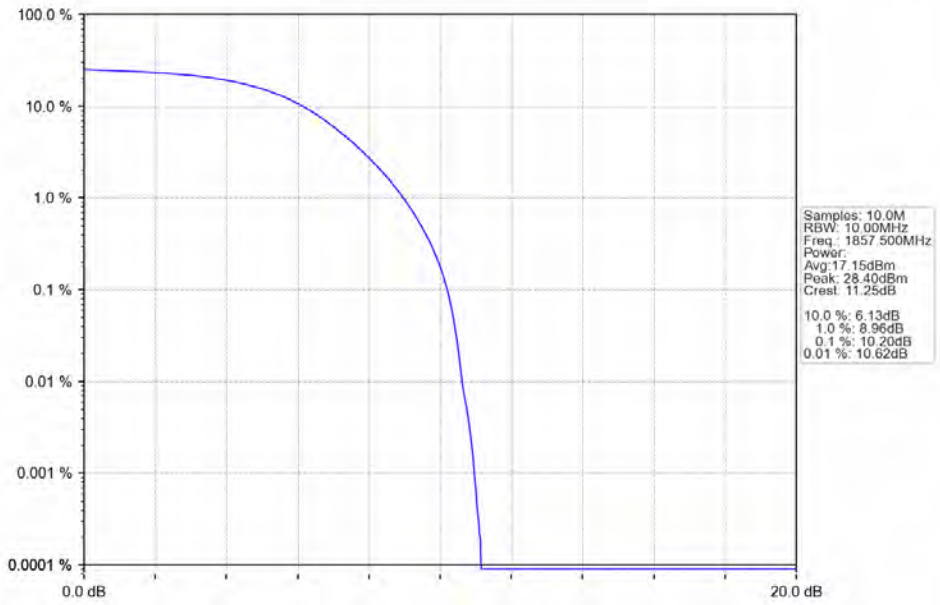
5.5 B25_15MHz

5.5.1 Test Result

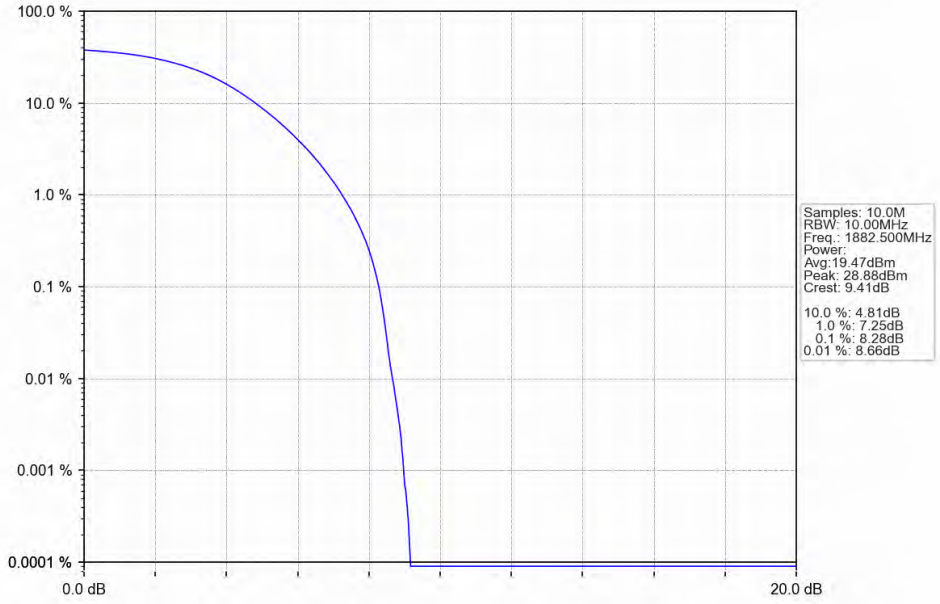
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	10.20	<=13	Pass
	1882.5	75	0	8.28	<=13	Pass
	1907.5	75	0	9.18	<=13	Pass
16QAM	1857.5	75	0	10.11	<=13	Pass
	1882.5	75	0	11.70	<=13	Pass
	1907.5	75	0	10.47	<=13	Pass

5.5.2 Test Graph

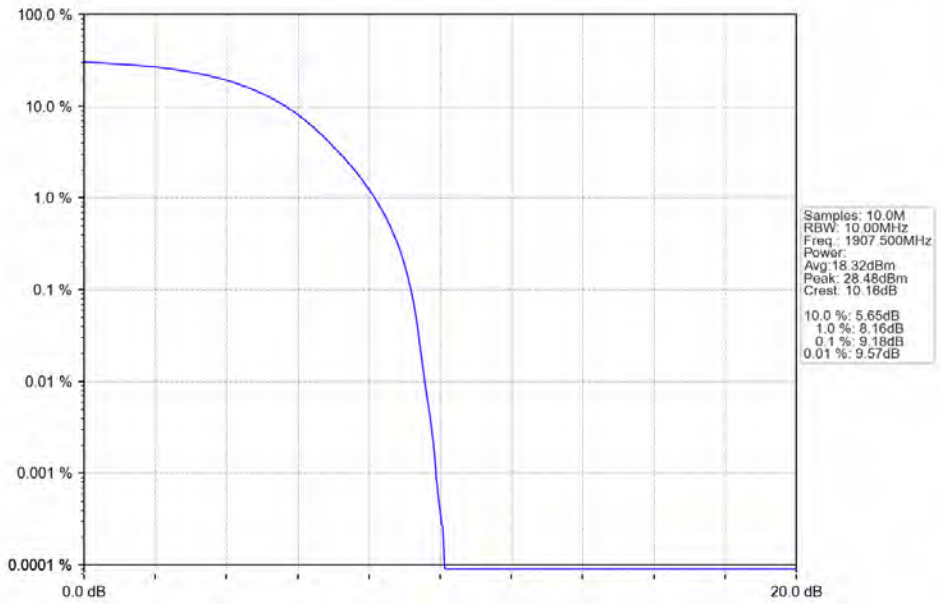
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



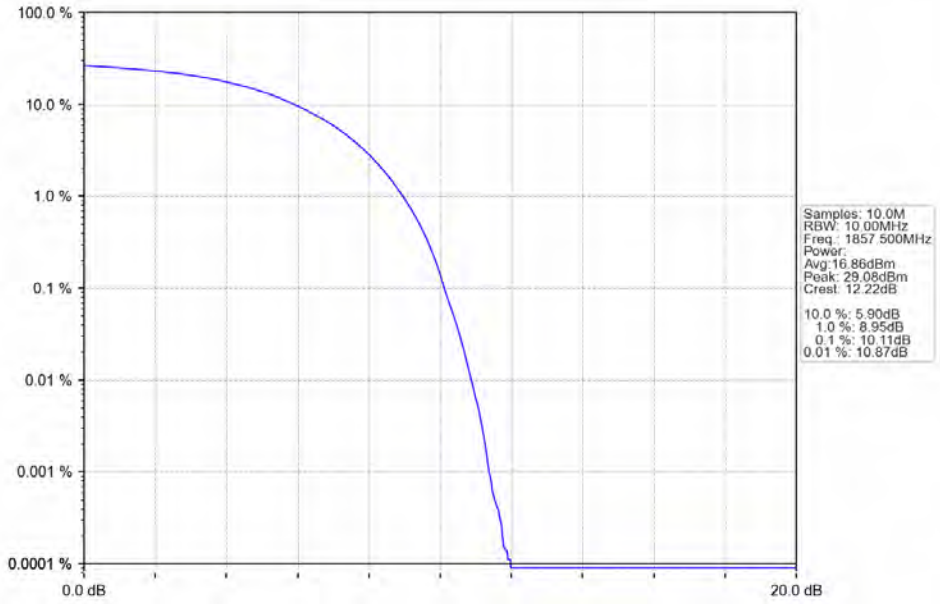
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



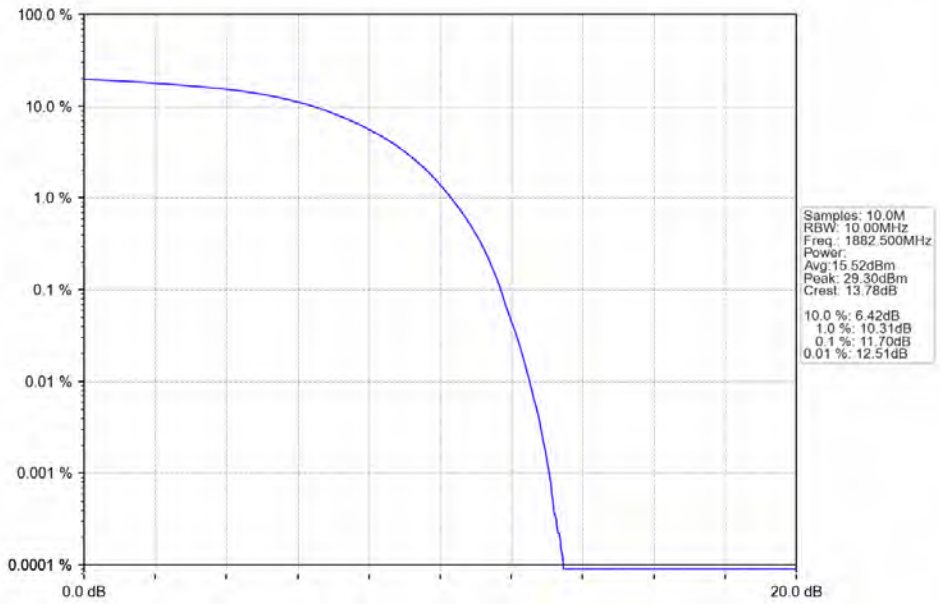
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



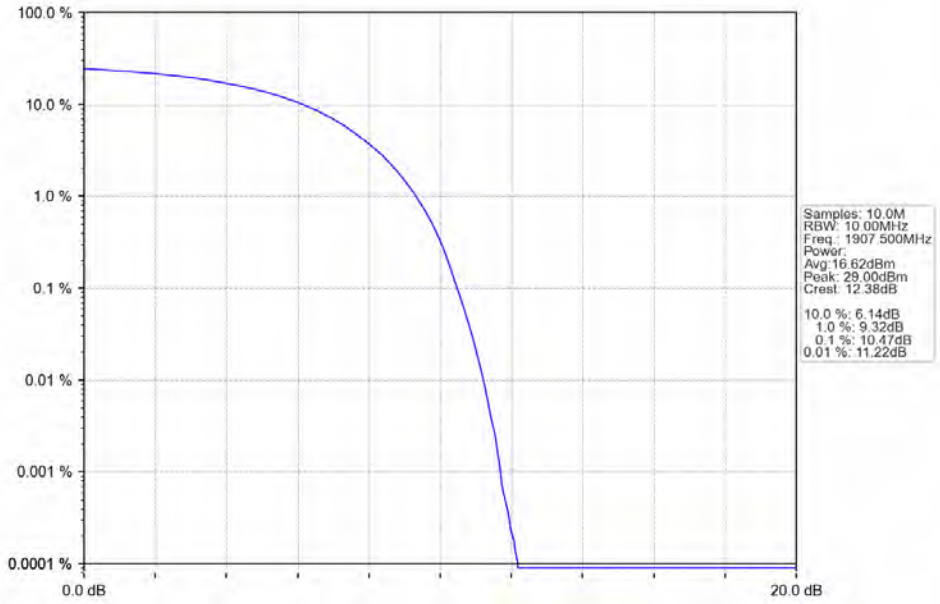
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



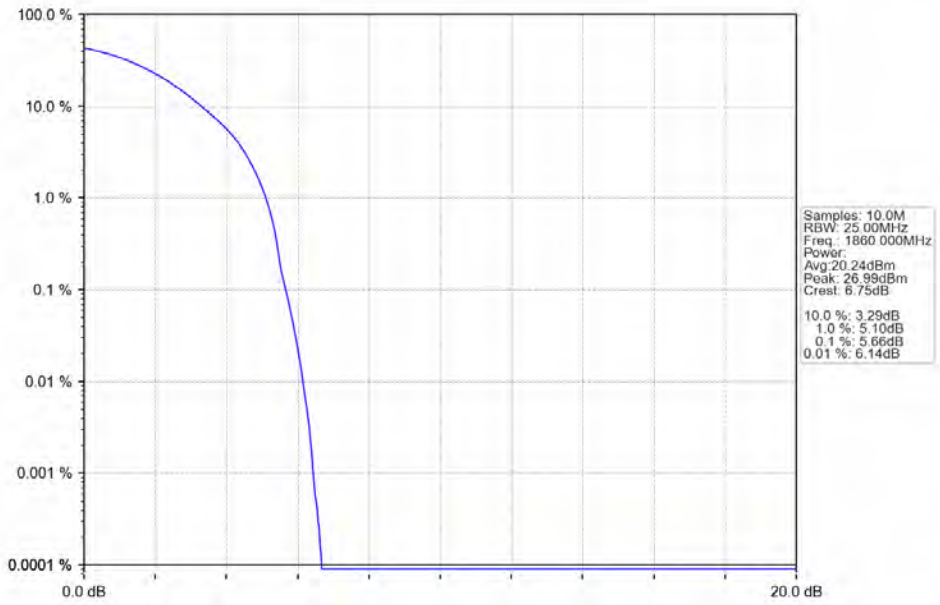
5.6 B25_20MHz

5.6.1 Test Result

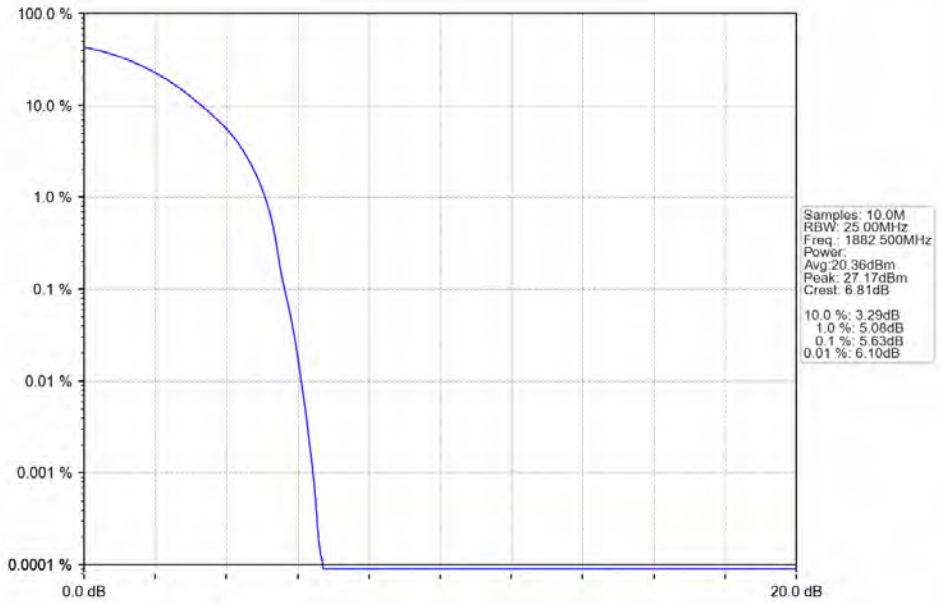
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.66	<=13	Pass
	1882.5	100	0	5.63	<=13	Pass
	1905	100	0	5.73	<=13	Pass
16QAM	1860	100	0	6.59	<=13	Pass
	1882.5	100	0	6.64	<=13	Pass
	1905	100	0	6.66	<=13	Pass

5.6.2 Test Graph

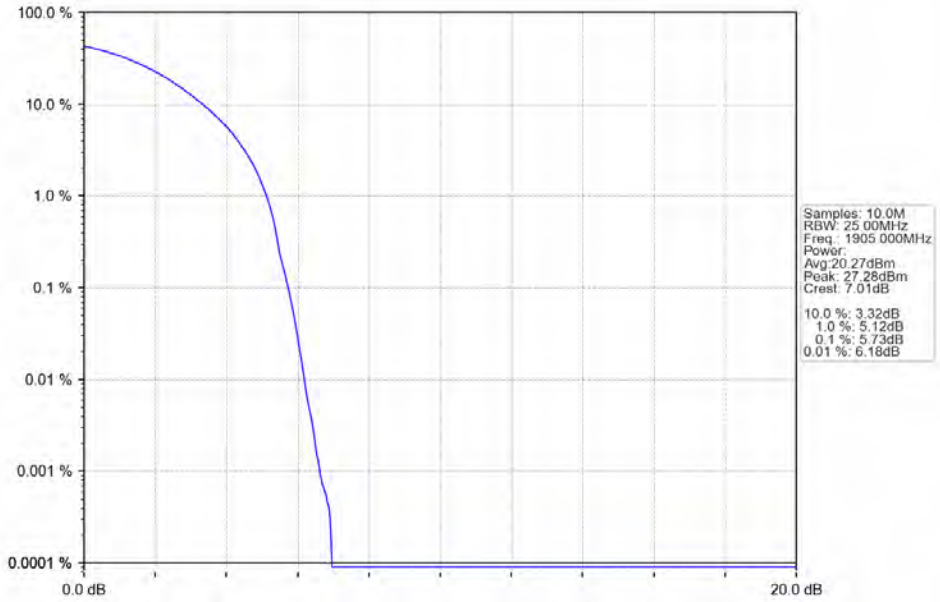
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



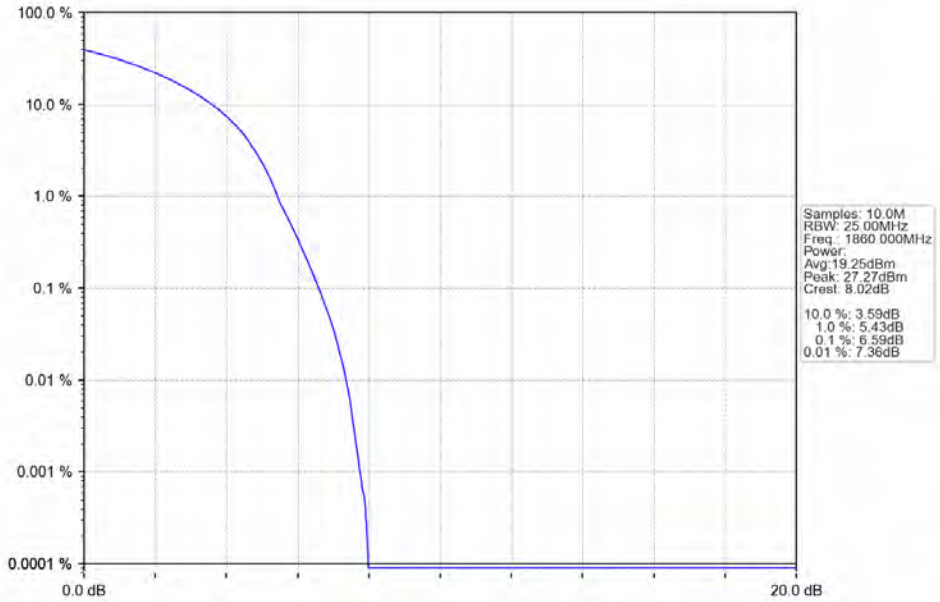
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



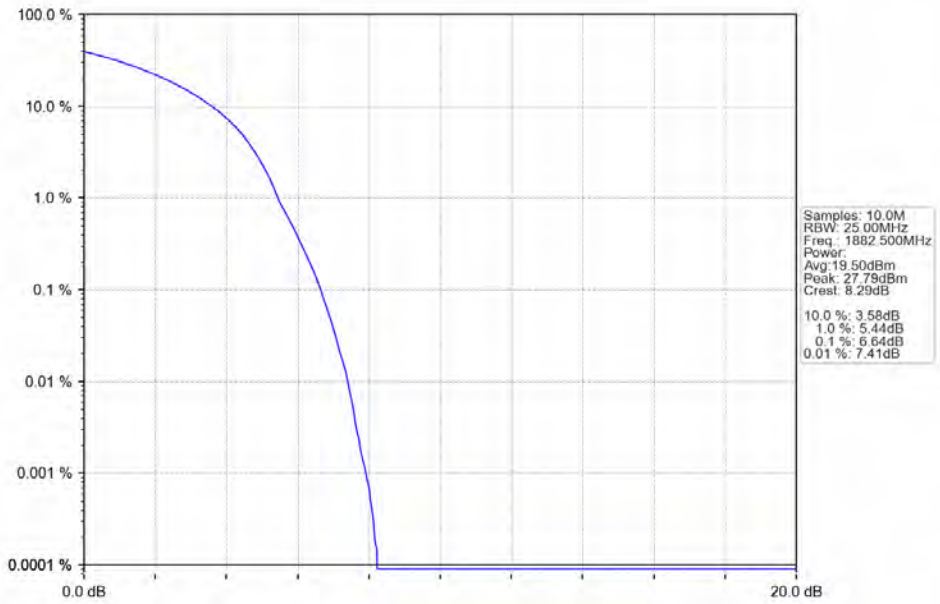
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



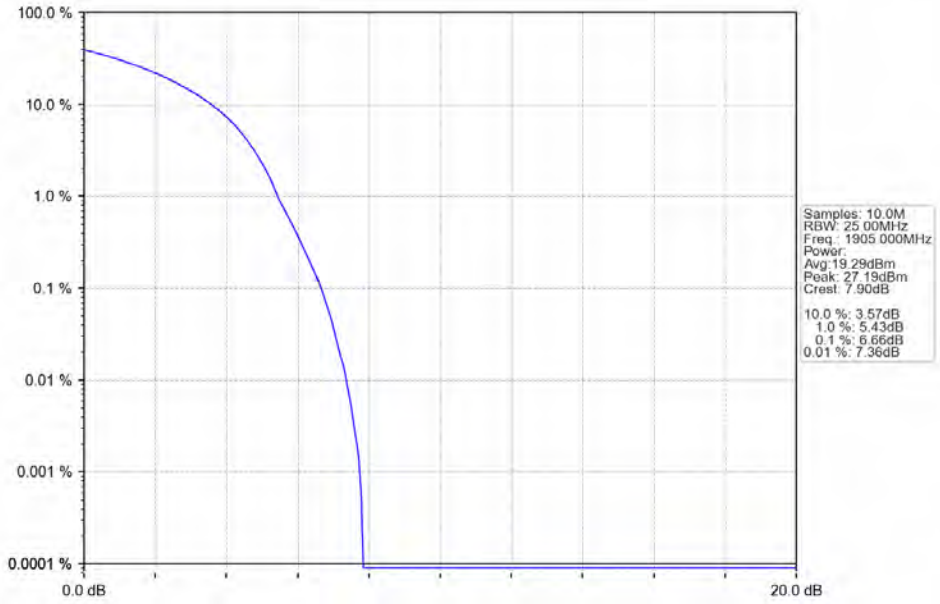
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



6. Spurious Emission

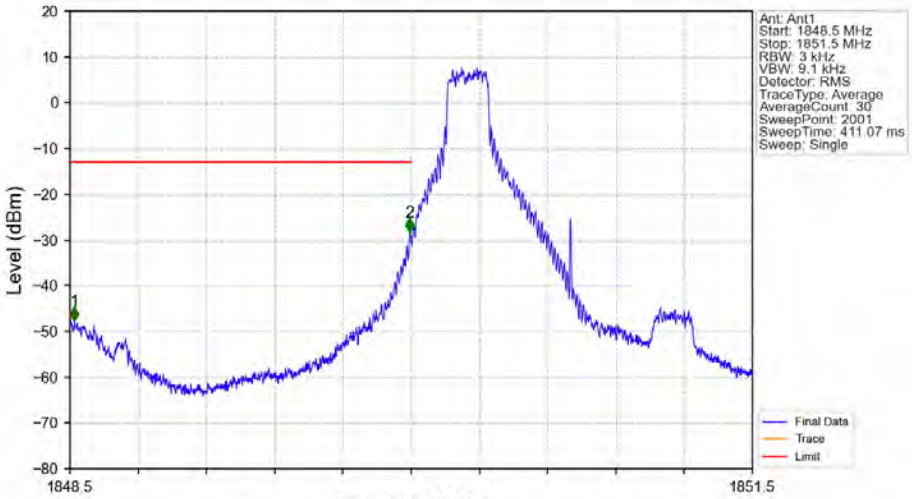
6.1 B25_1.4MHz

6.1.1 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
16QAM	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

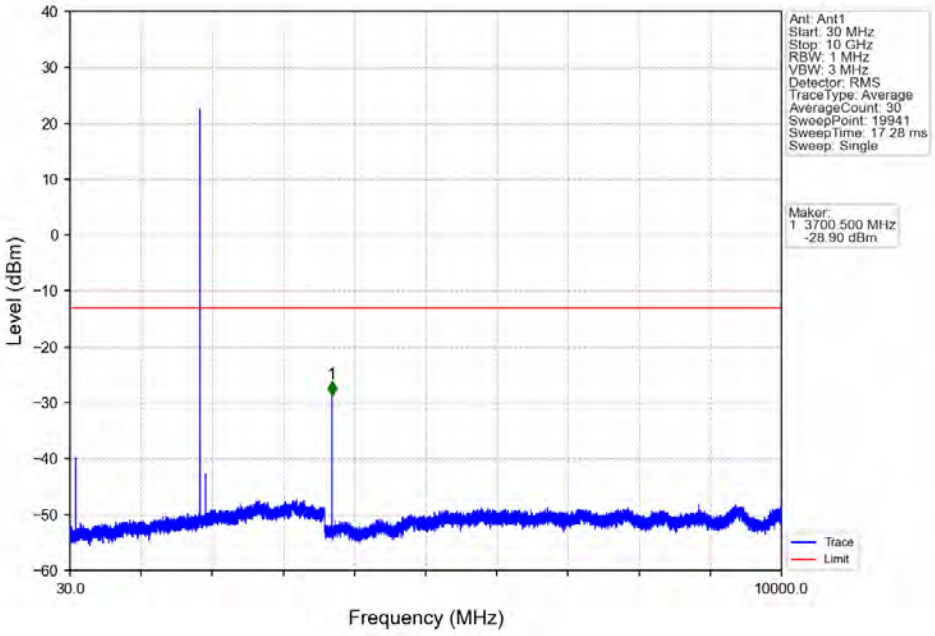
6.1.2 Test Graph

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

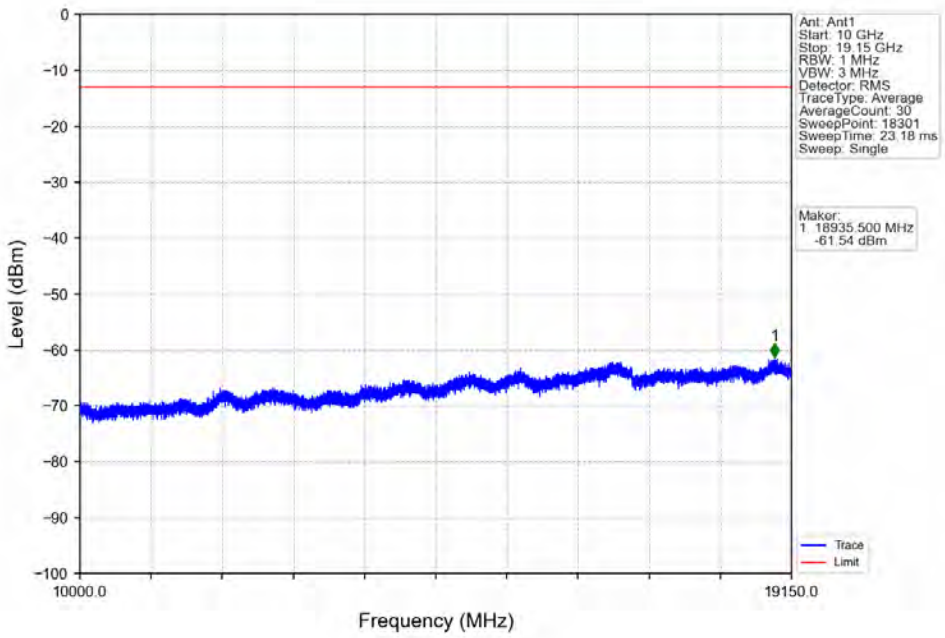


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.520	-47.67	-13	Pass
1849	1850	0.003	/	2	1849.994	-28.30	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

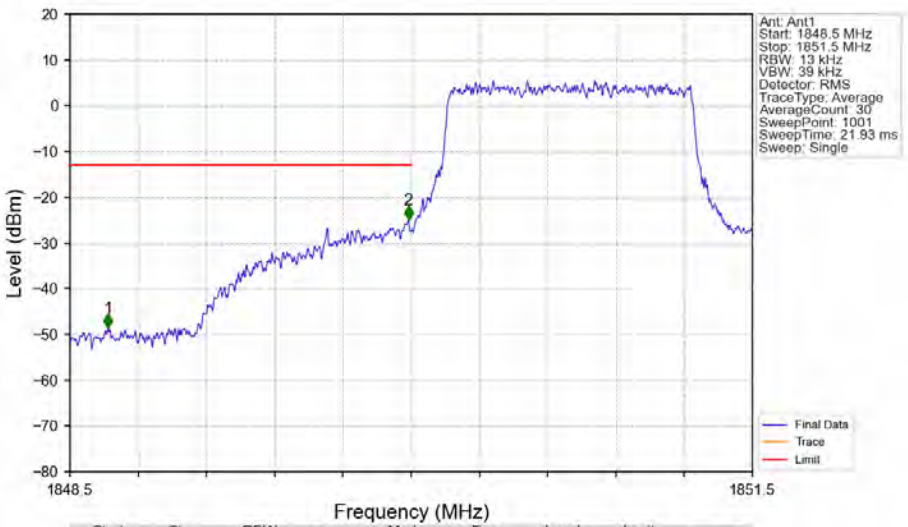
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

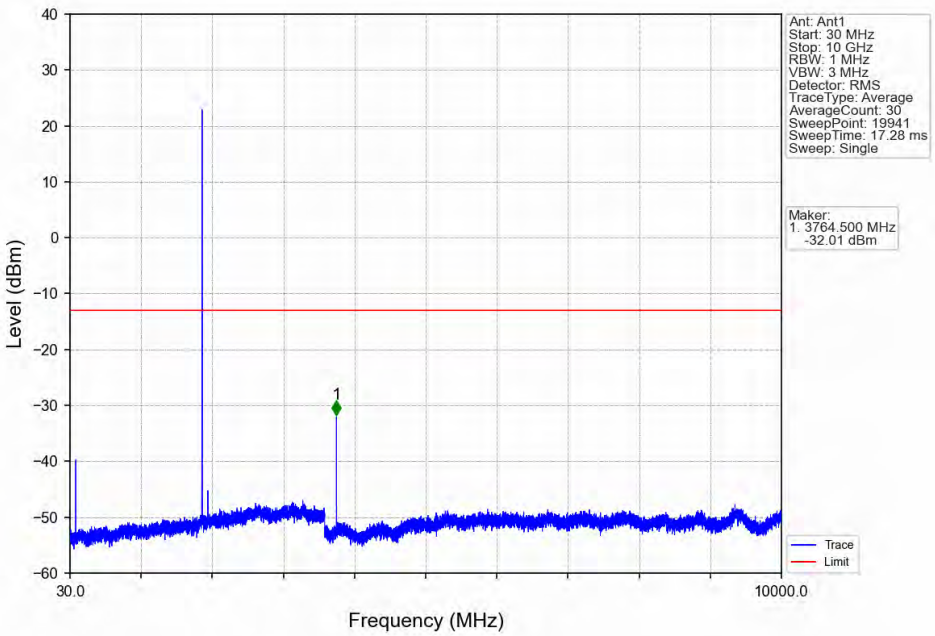


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

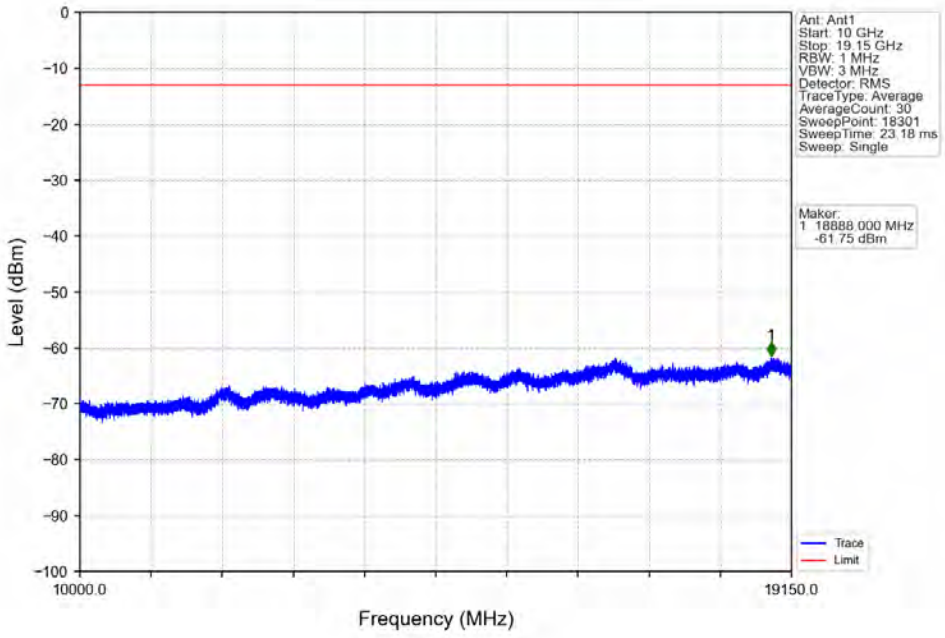


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.668	-48.58	-13	Pass
1849	1850	0.013	/	2	1849.988	-24.96	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

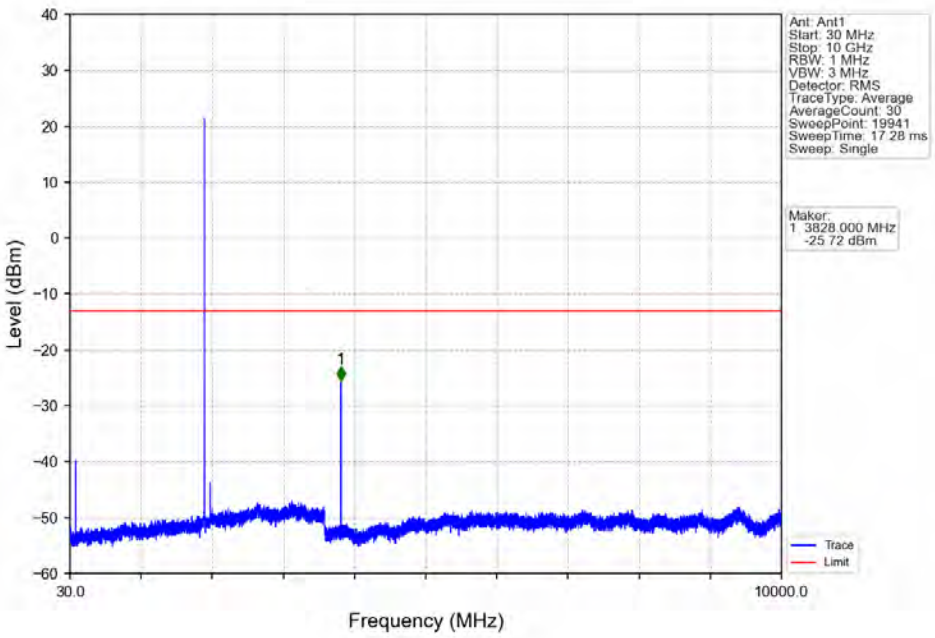
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



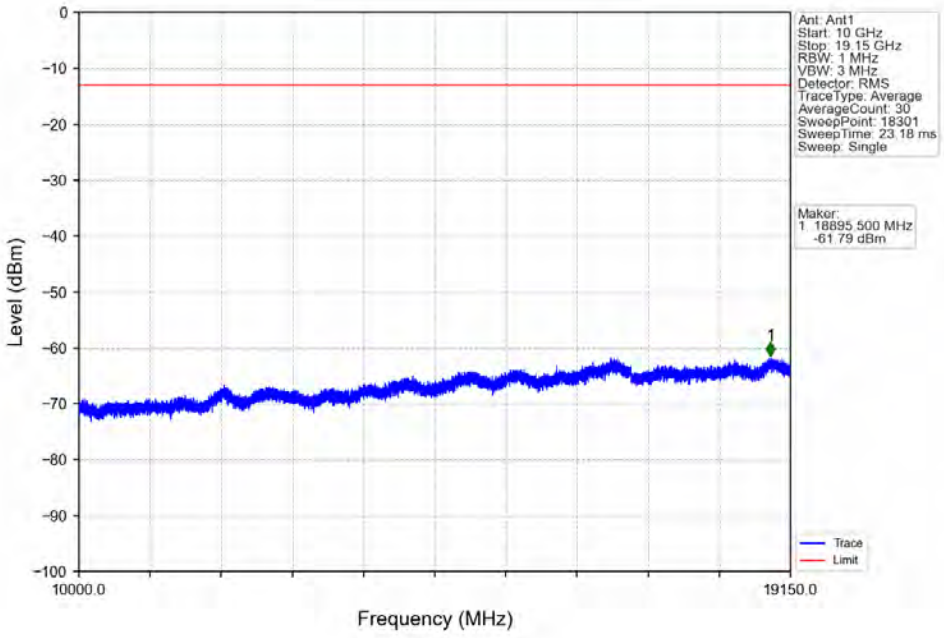
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



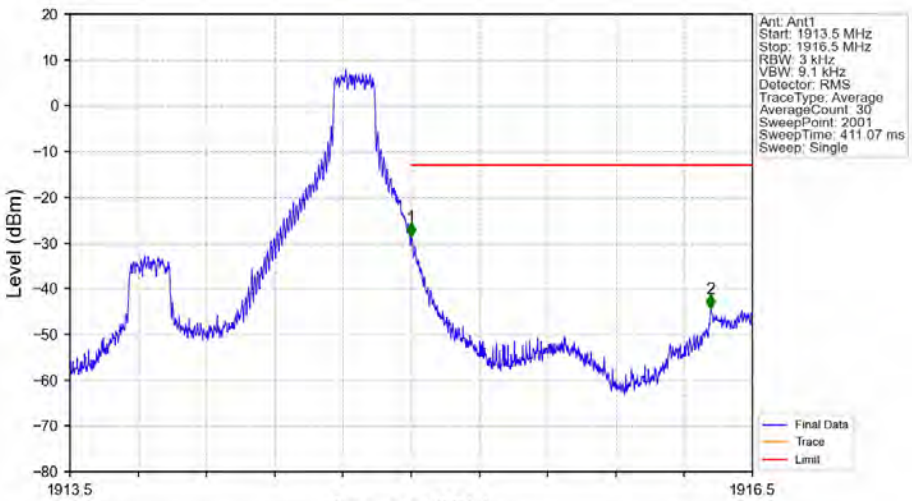
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

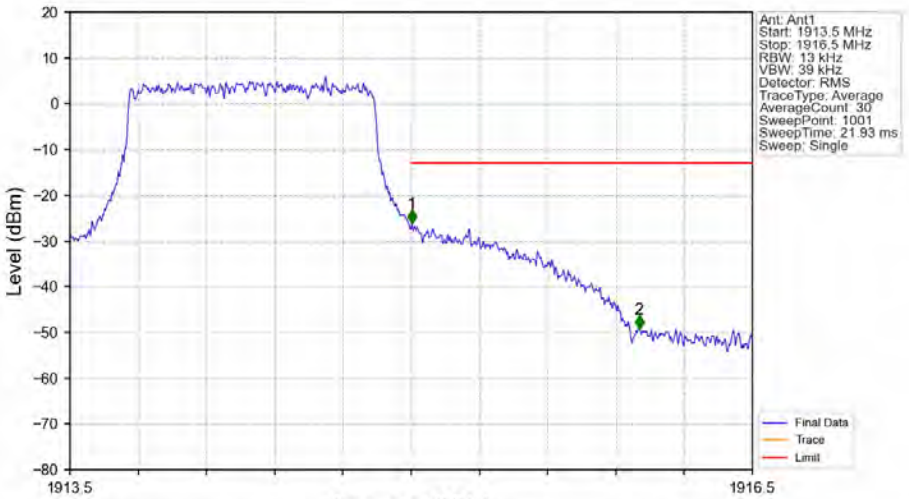


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



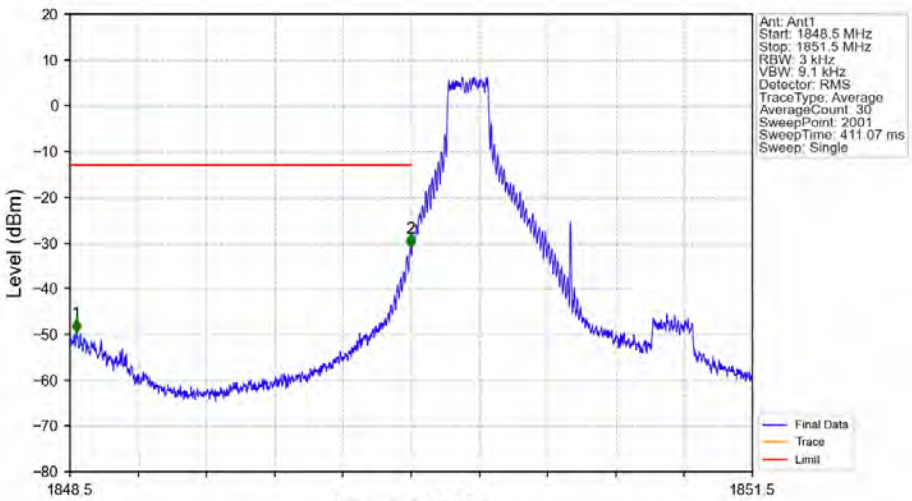
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.000	-28.62	-13	Pass
1916	1916.5	1	/	2	1916.317	-44.38	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



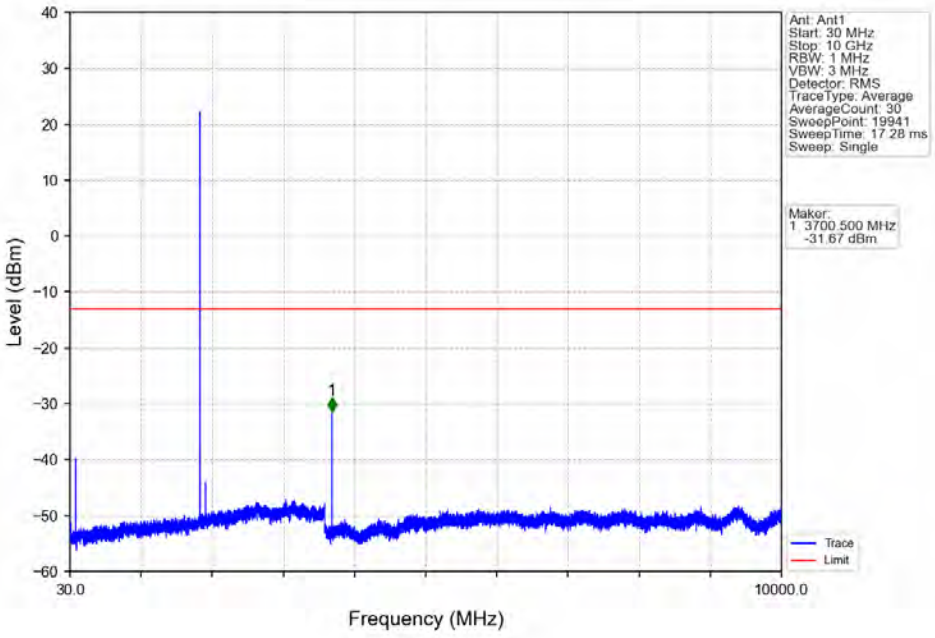
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.013	/	/	/	/	/	/
1915	1916	0.013	/	1	1915.003	-26.25	-13	Pass
1916	1916.5	1	/	2	1916.002	-49.30	-13	Pass

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

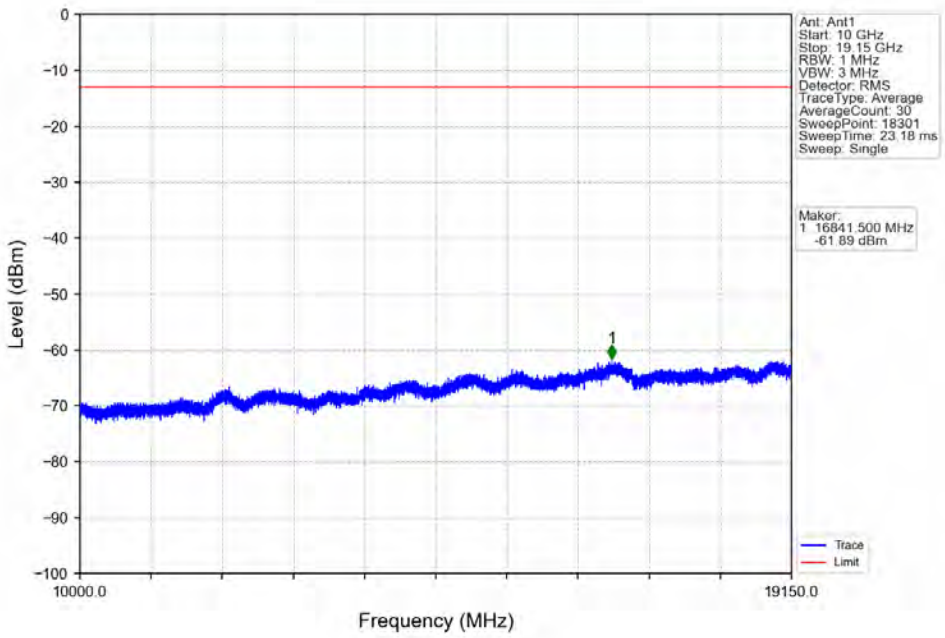


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.528	-49.62	-13	Pass
1849	1850	0.003	/	2	1849.995	-31.18	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

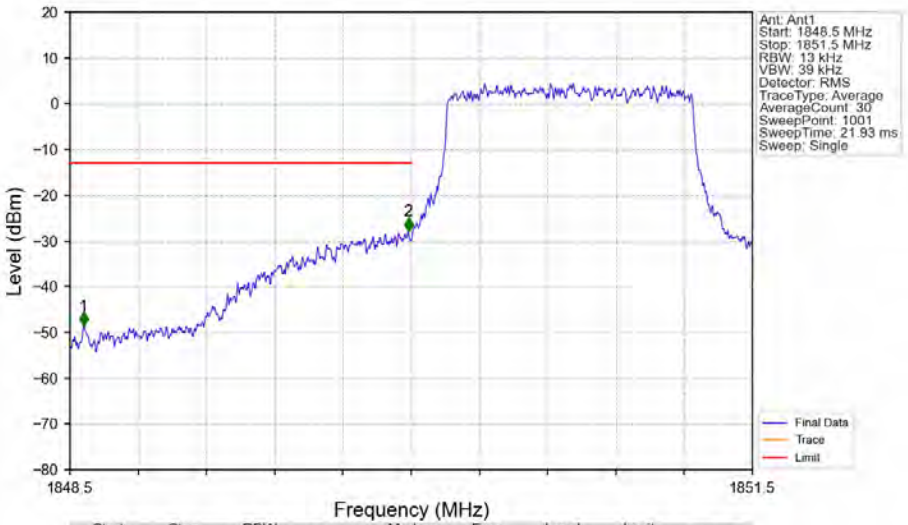
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

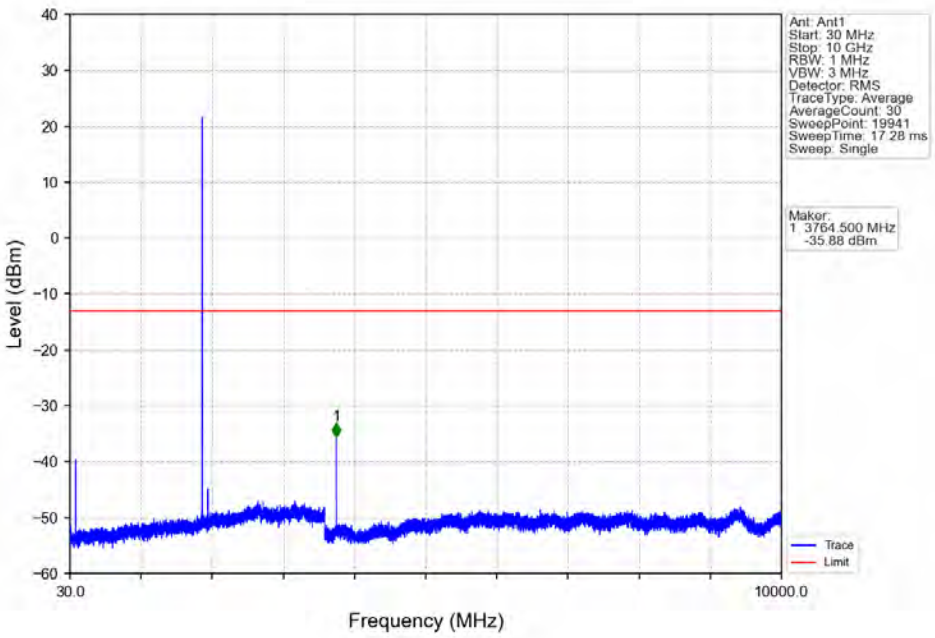


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

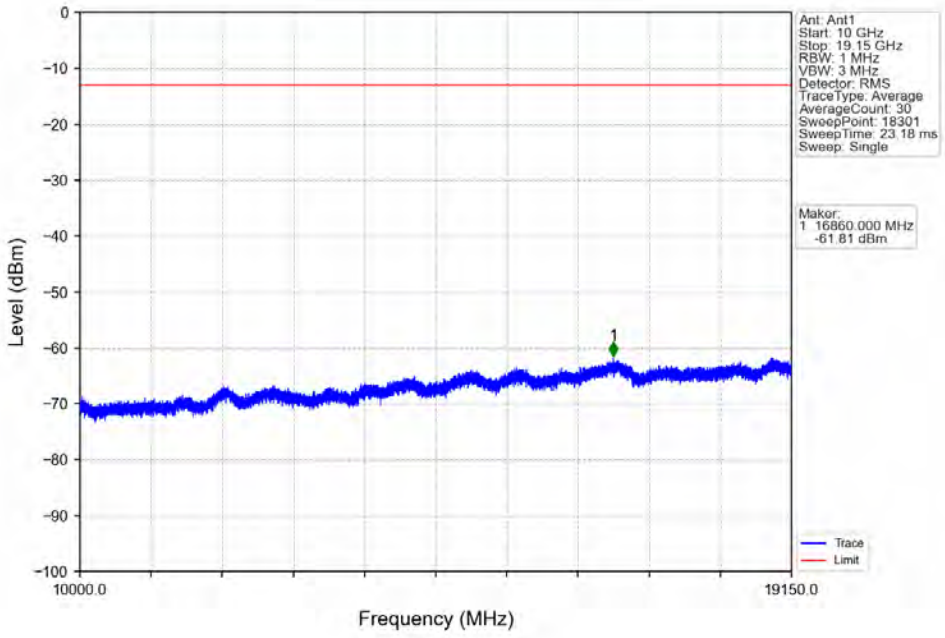


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.560	-48.64	-13	Pass
1849	1850	0.013	/	2	1849.988	-27.90	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

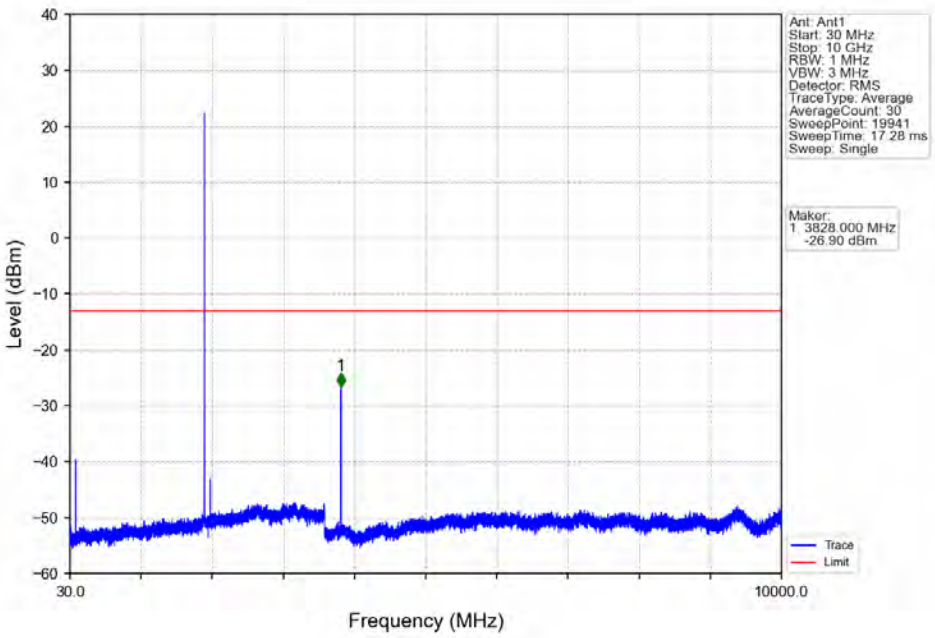
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



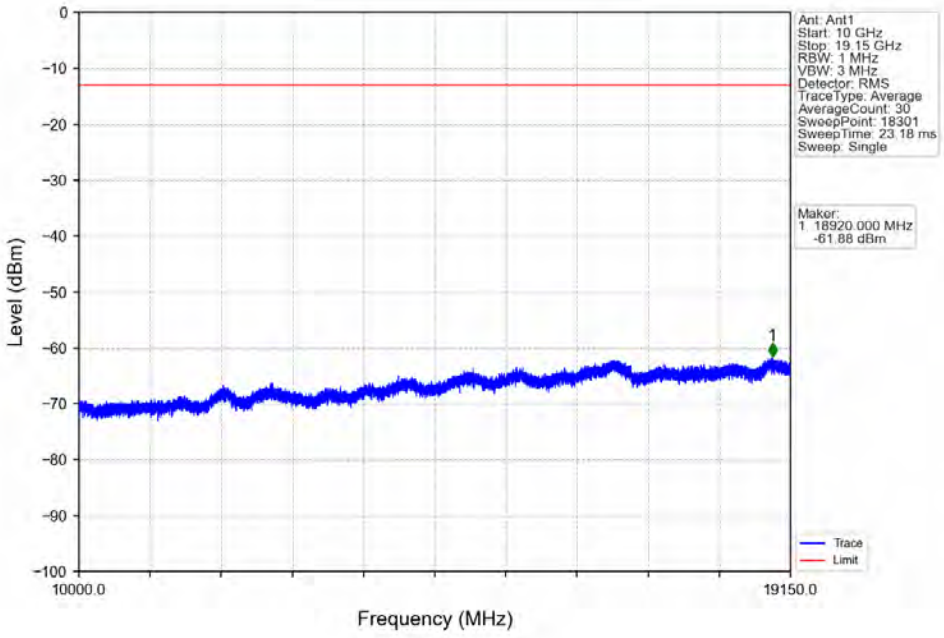
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



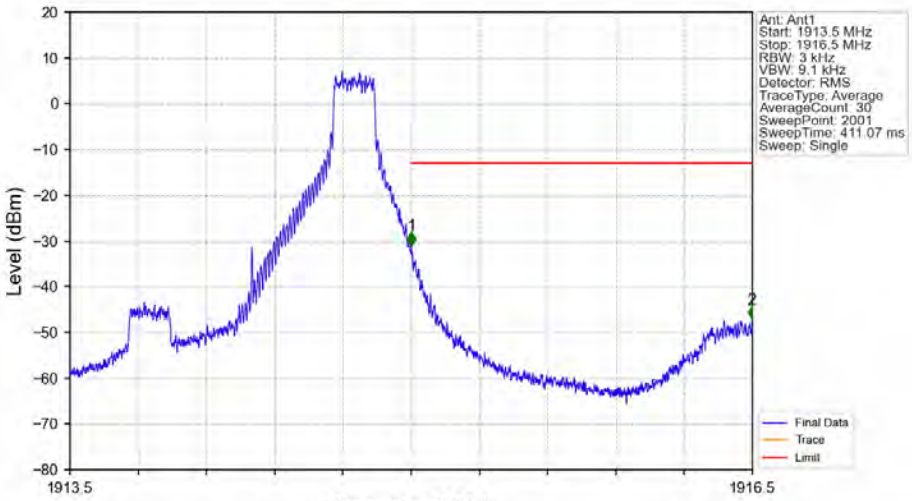
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV

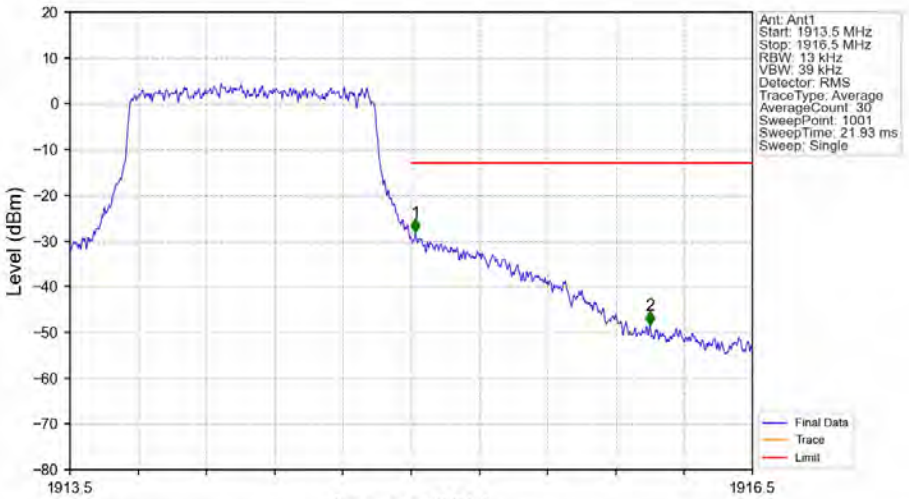


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



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	1915.002	-31.09	-13	Pass
1916	1916.5	1	/	2	1916.498	-47.23	-13	Pass

Band25_1.4MHz_16QAM_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	1915.018	-28.22	-13	Pass
1916	1916.5	1	/	2	1916.050	-48.50	-13	Pass

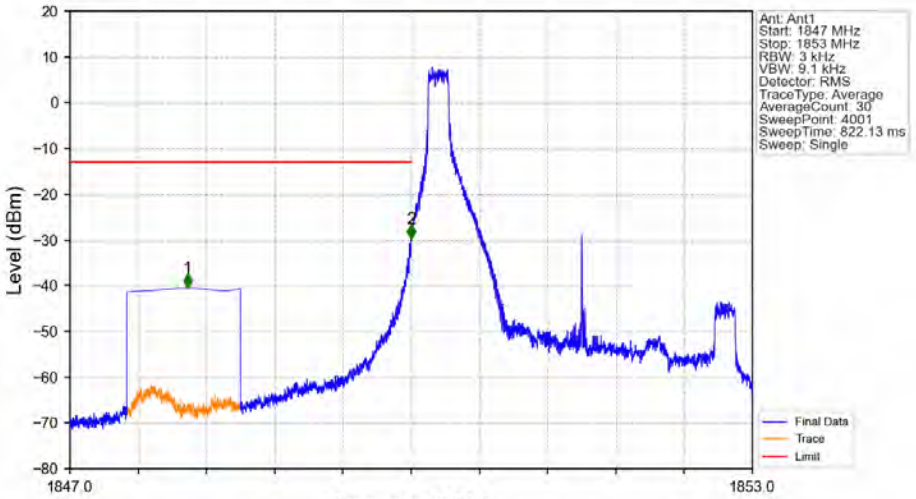
6.2 B25_3MHz

6.2.1 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
16QAM	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

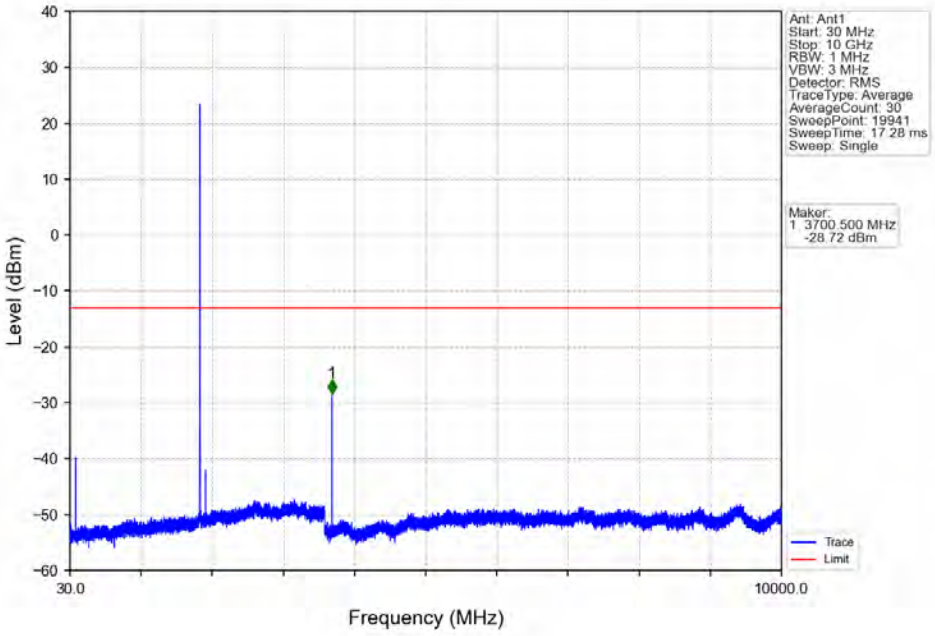
6.2.2 Test Graph

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

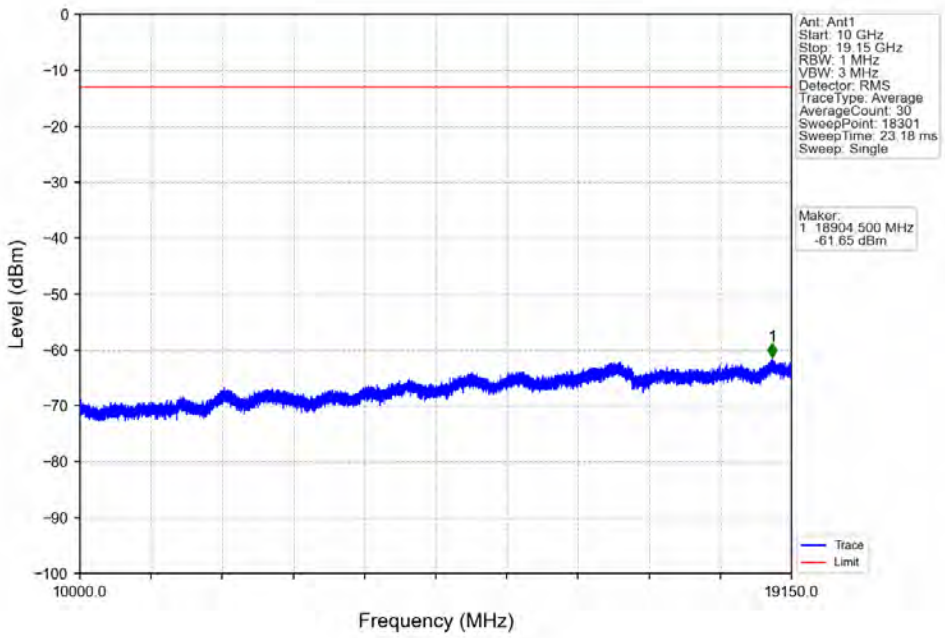


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.032	-40.51	-13	Pass
1849	1850	0.003	/	2	1850.000	-29.70	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

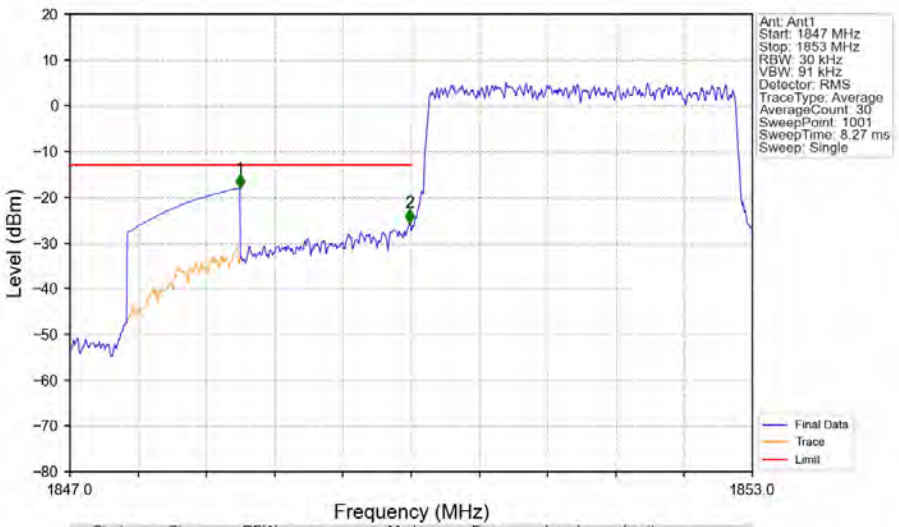
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

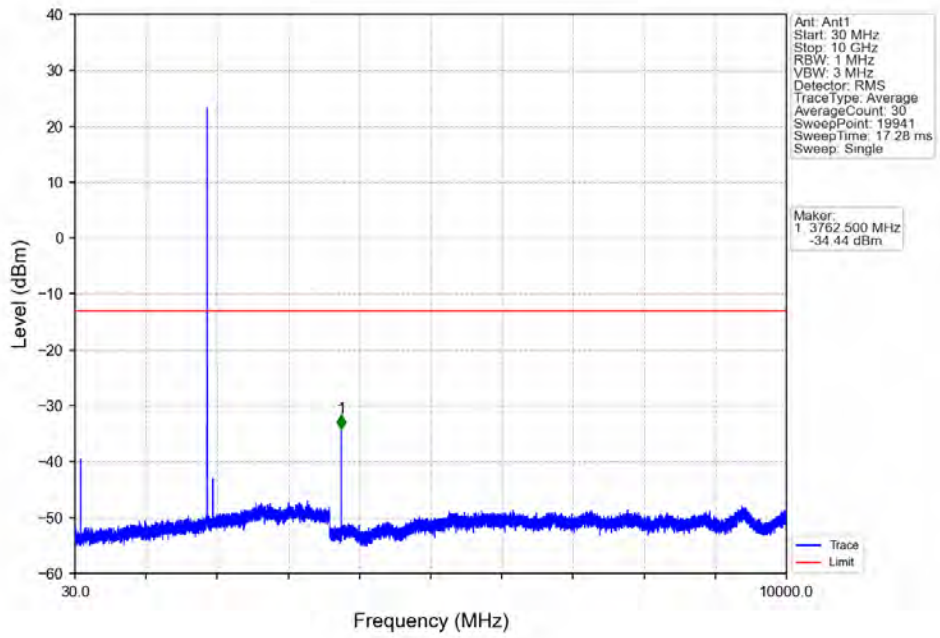


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

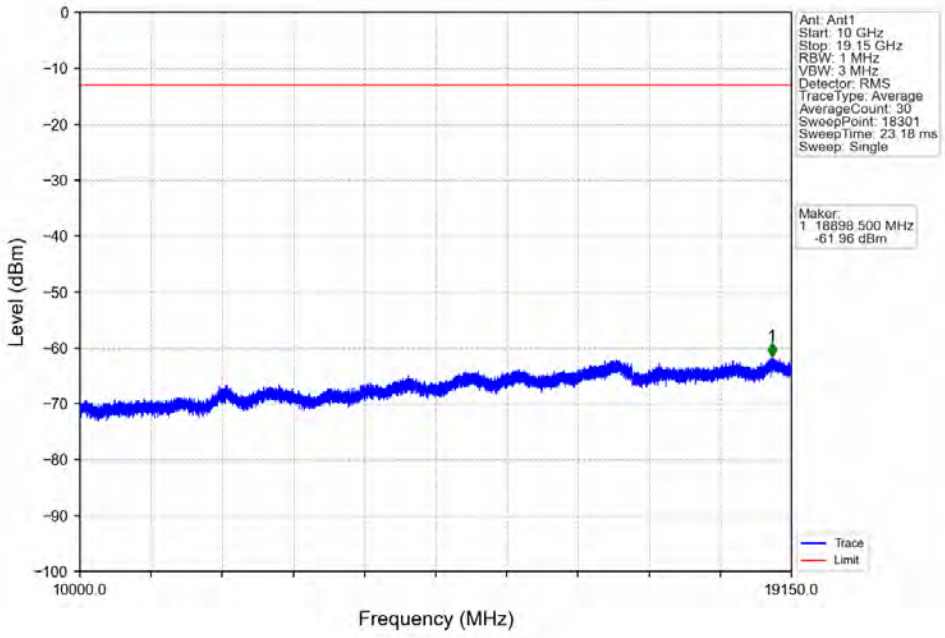


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-18.08	-13	Pass
1849	1850	0.03	/	2	1849.988	-25.59	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

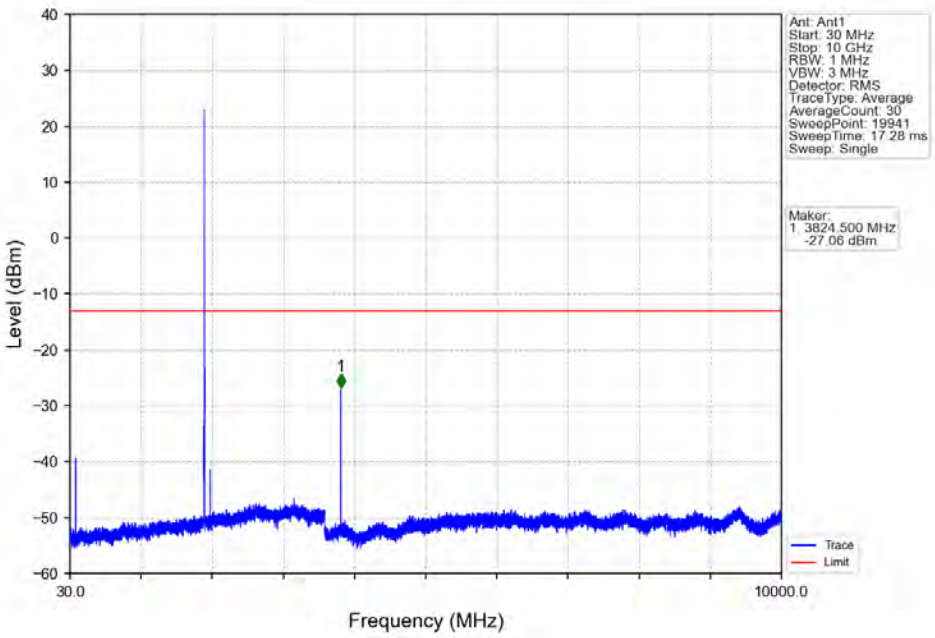
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



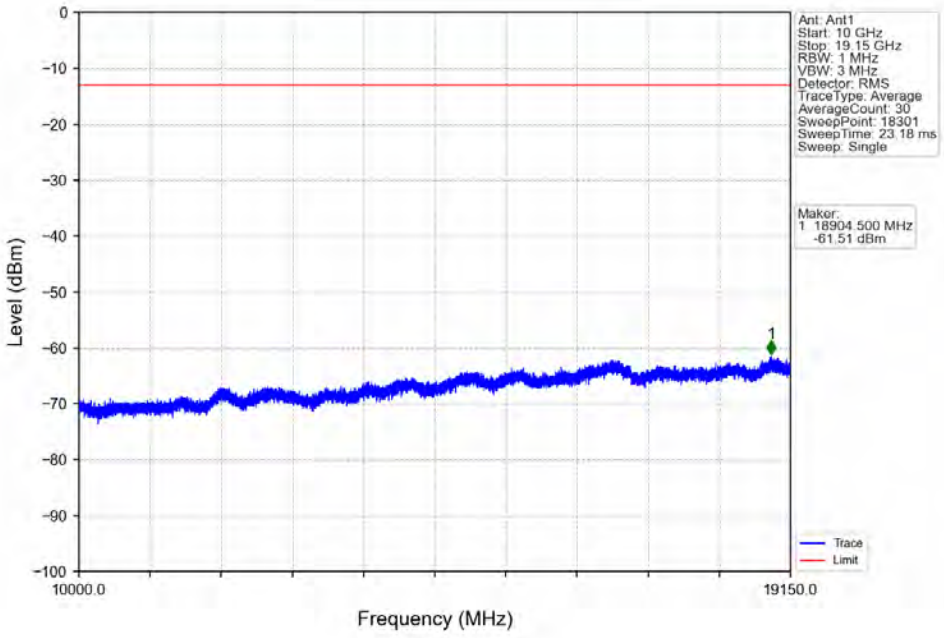
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



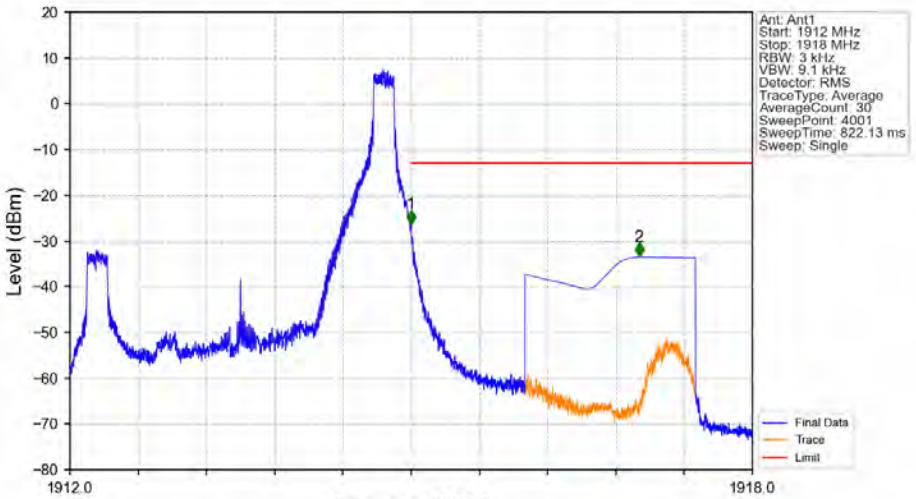
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

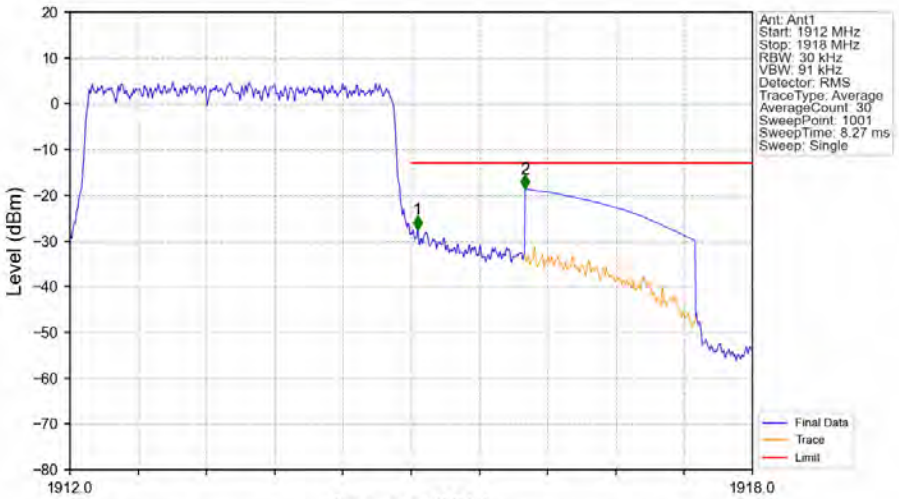


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



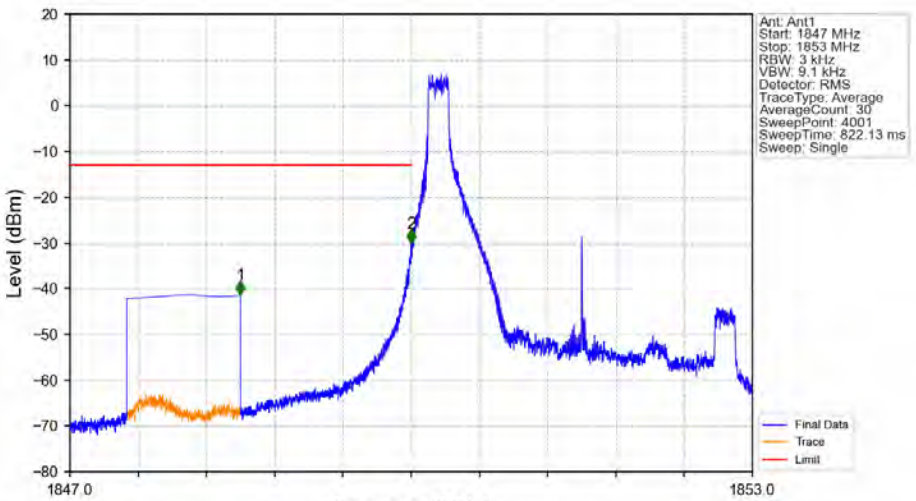
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.000	-26.29	-13	Pass
1916	1918	1	CHP	2	1917.004	-33.52	-13	Pass

Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



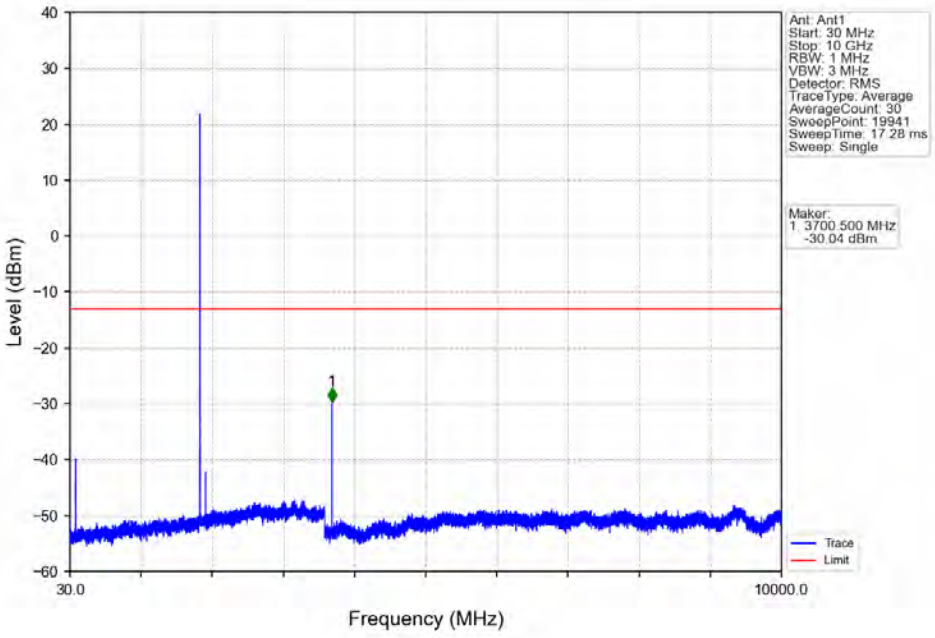
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.03	/	/	/	/	/	/
1915	1916	0.03	/	1	1915.054	-27.53	-13	Pass
1916	1918	1	CHP	2	1916.002	-18.64	-13	Pass

Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

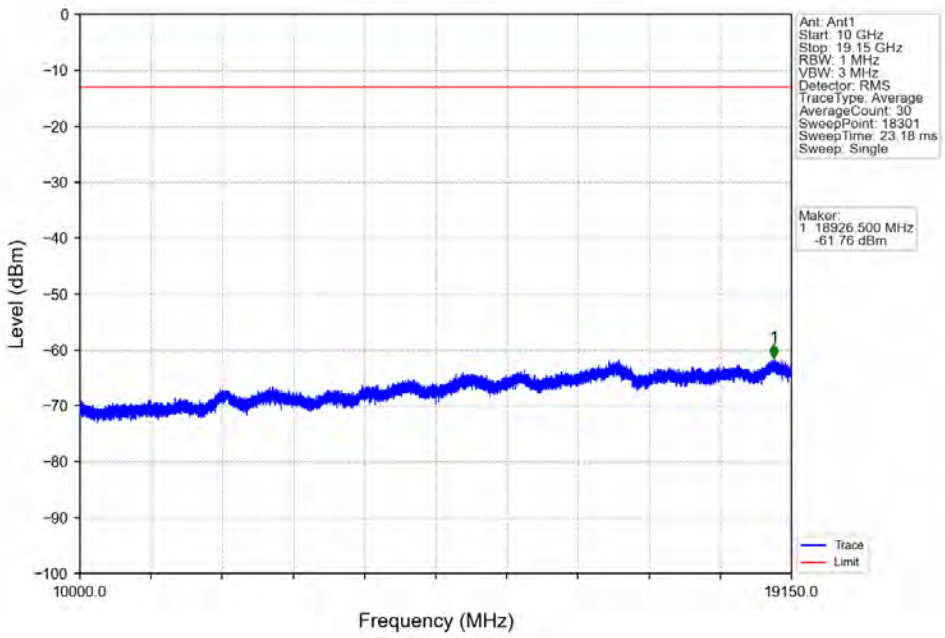


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-41.35	-13	Pass
1849	1850	0.003	/	2	1850.000	-30.13	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

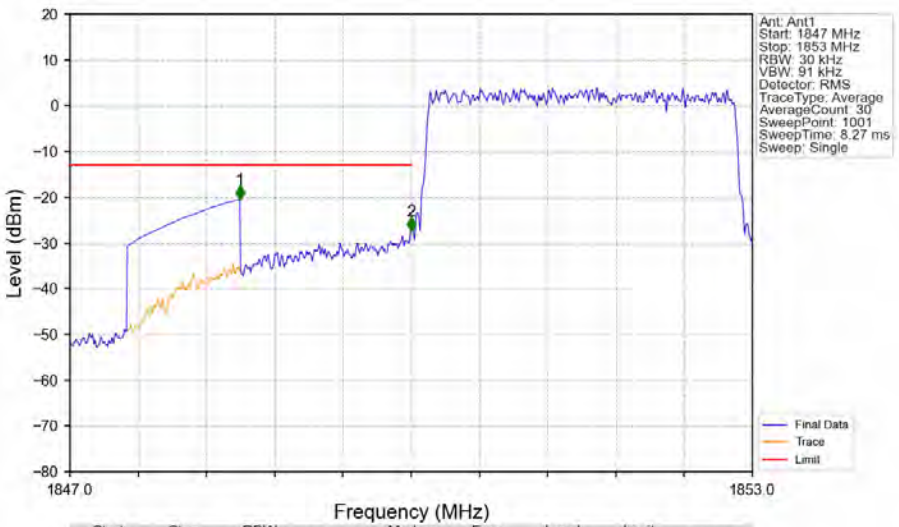
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

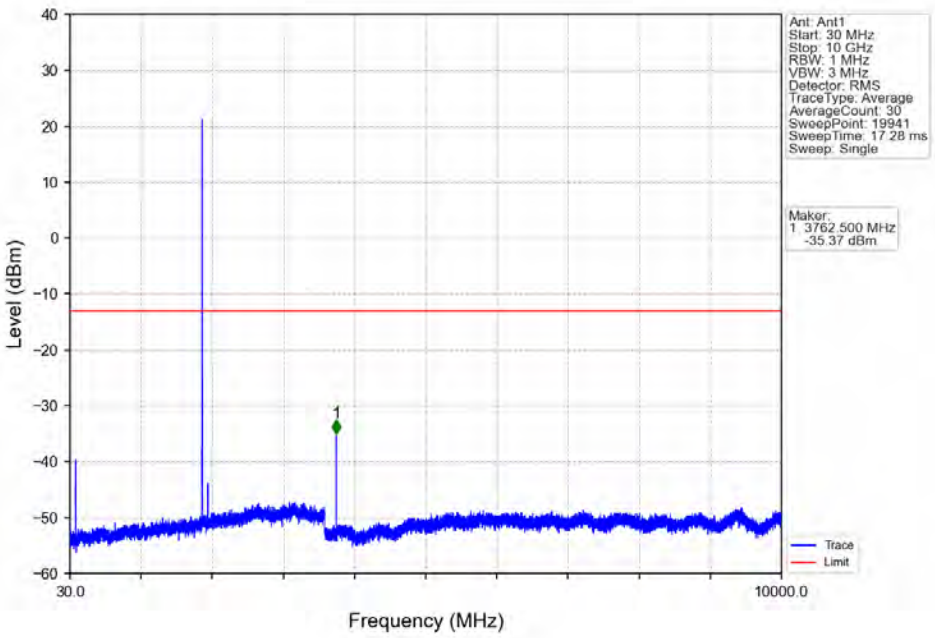


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

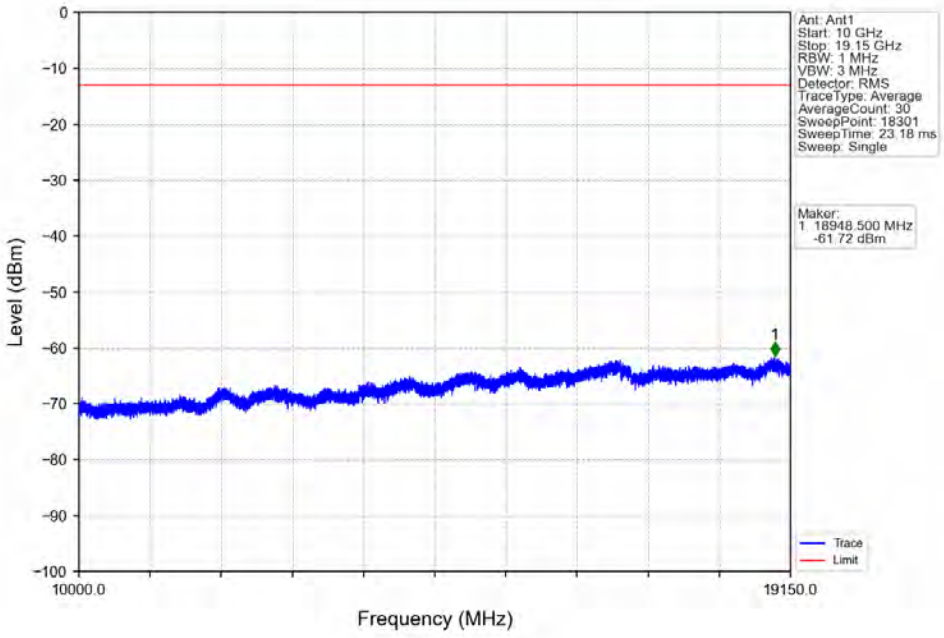


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-20.55	-13	Pass
1849	1850	0.03	/	2	1850.000	-27.44	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

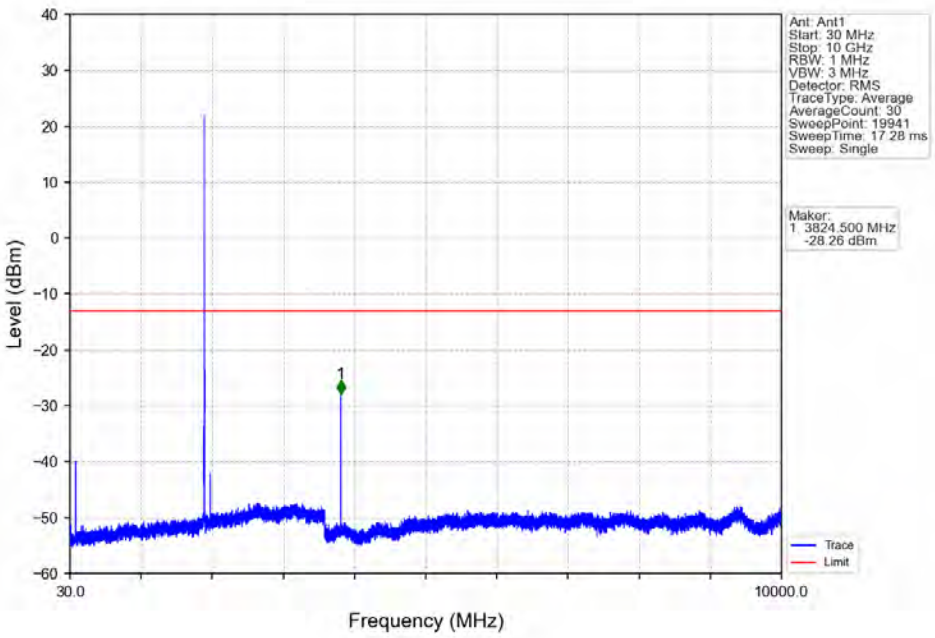
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



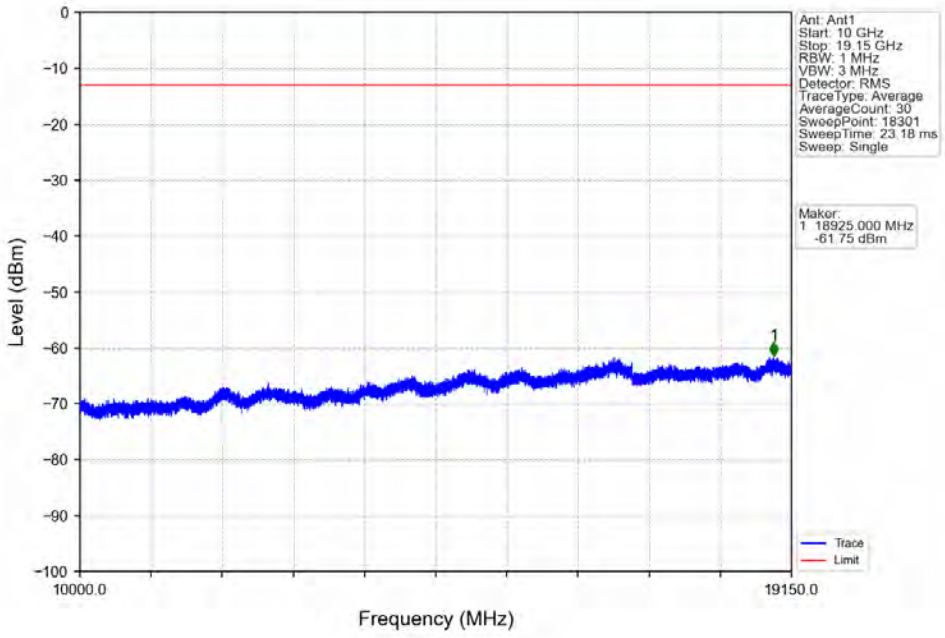
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



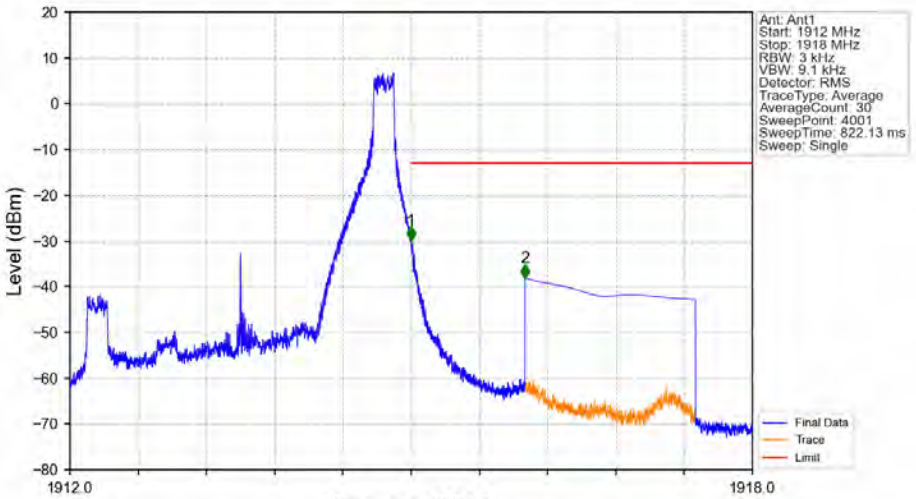
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV

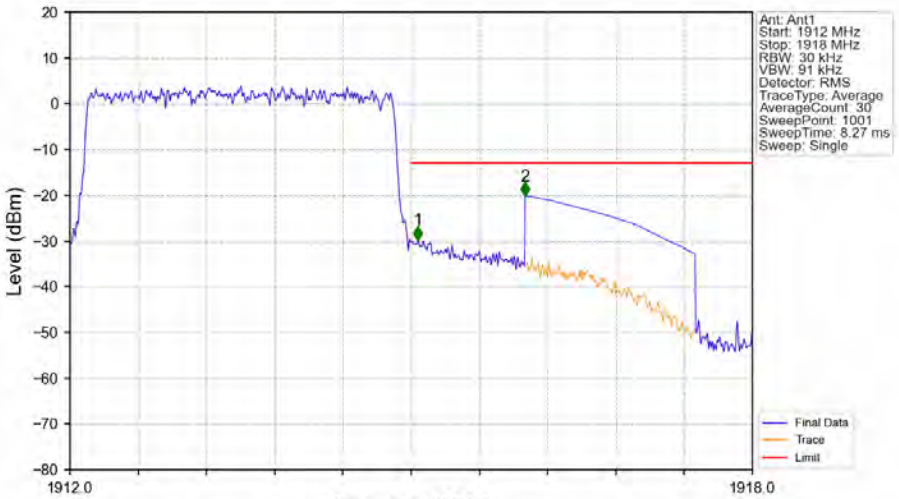


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.000	-29.96	-13	Pass
1916	1918	1	CHP	2	1916.001	-38.14	-13	Pass

Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.03	/	/	/	/	/	/
1915	1916	0.03	/	1	1915.060	-29.82	-13	Pass
1916	1918	1	CHP	2	1916.002	-20.17	-13	Pass

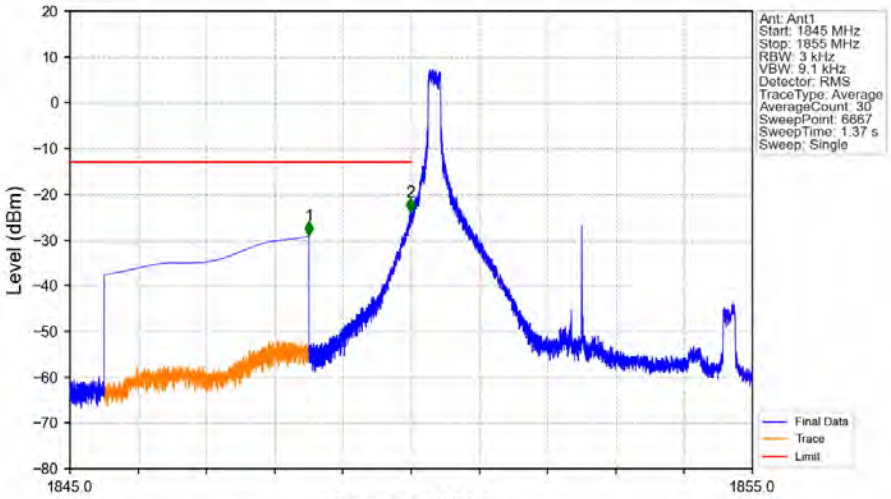
6.3 B25_5MHz

6.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

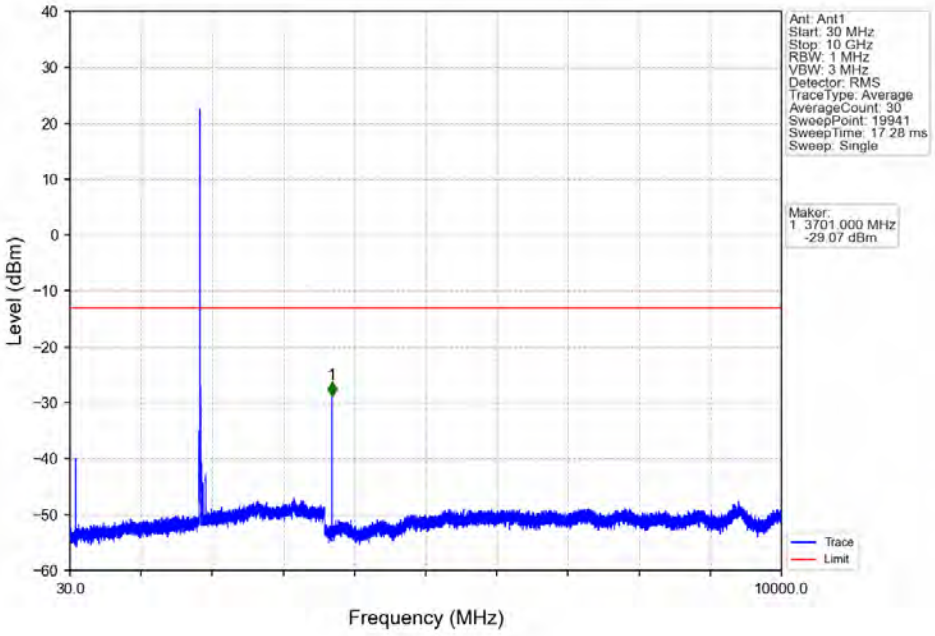
6.3.2 Test Graph

Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

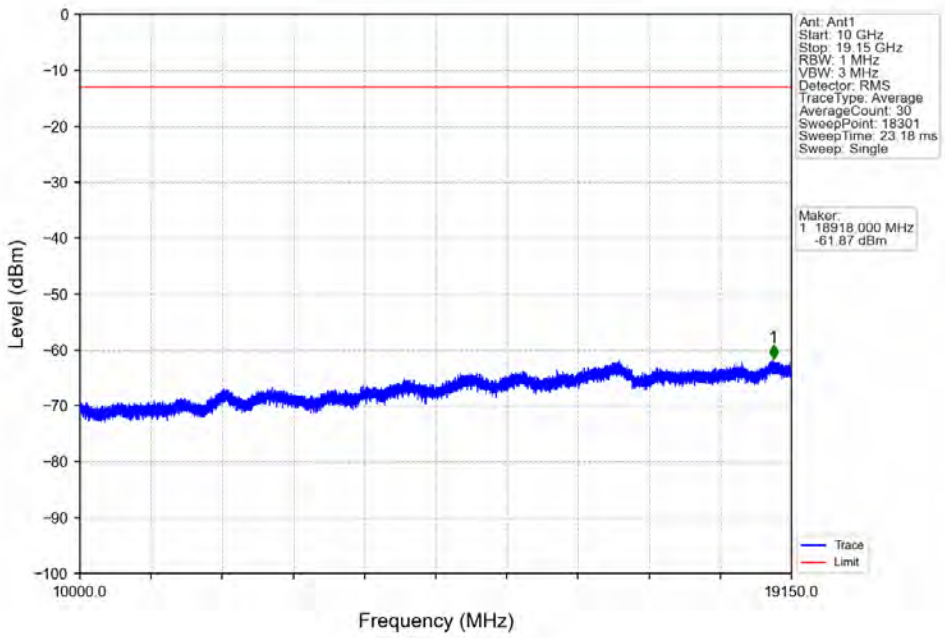


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.500	-29.11	-13	Pass
1849	1850	0.003	/	2	1849.988	-23.98	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

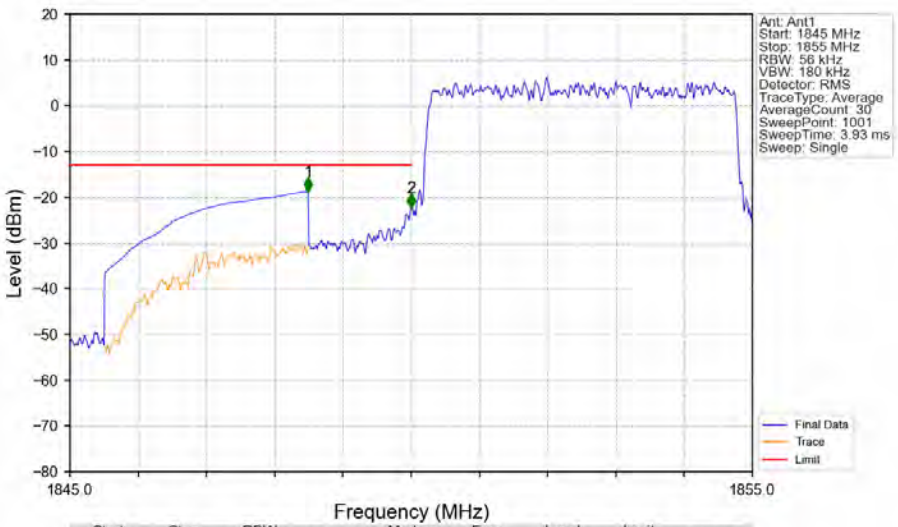
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

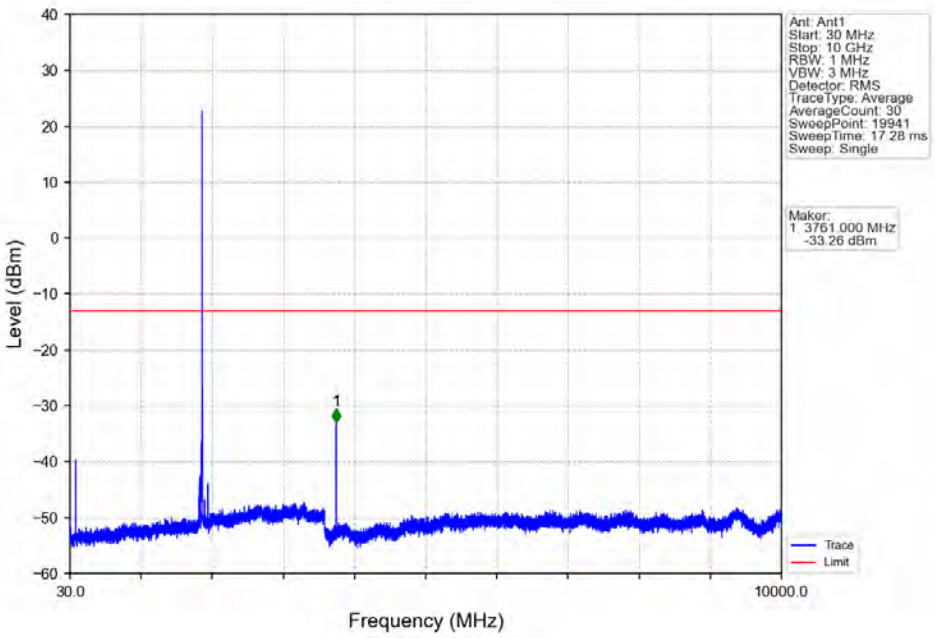


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

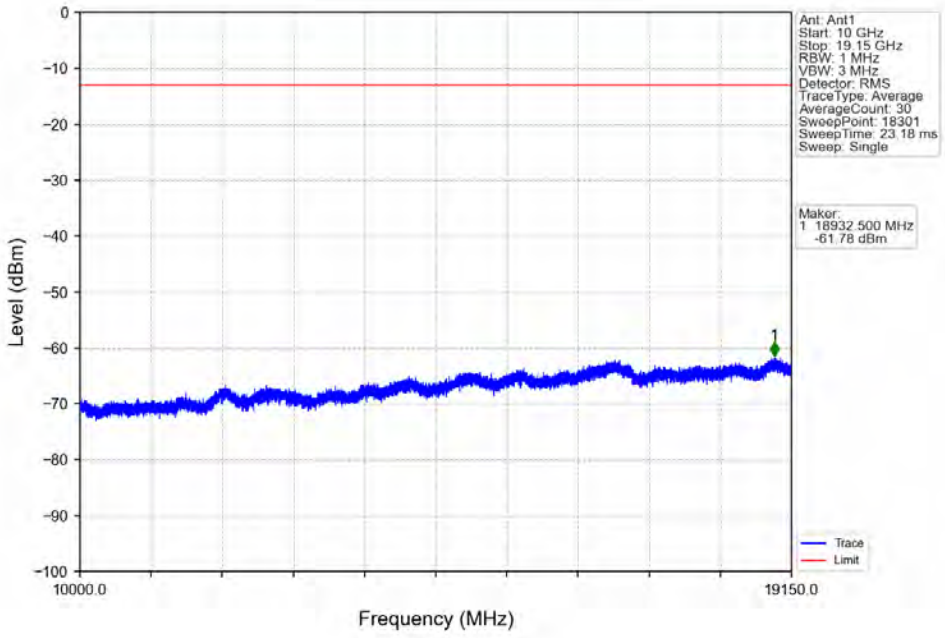


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-18.78	-13	Pass
1849	1850	0.056	/	2	1850.000	-22.29	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

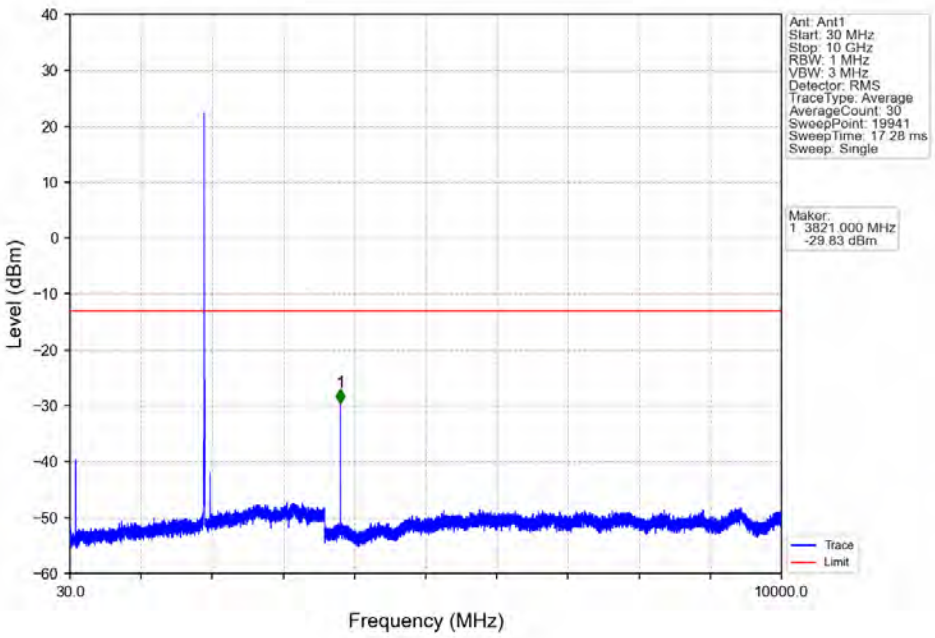
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



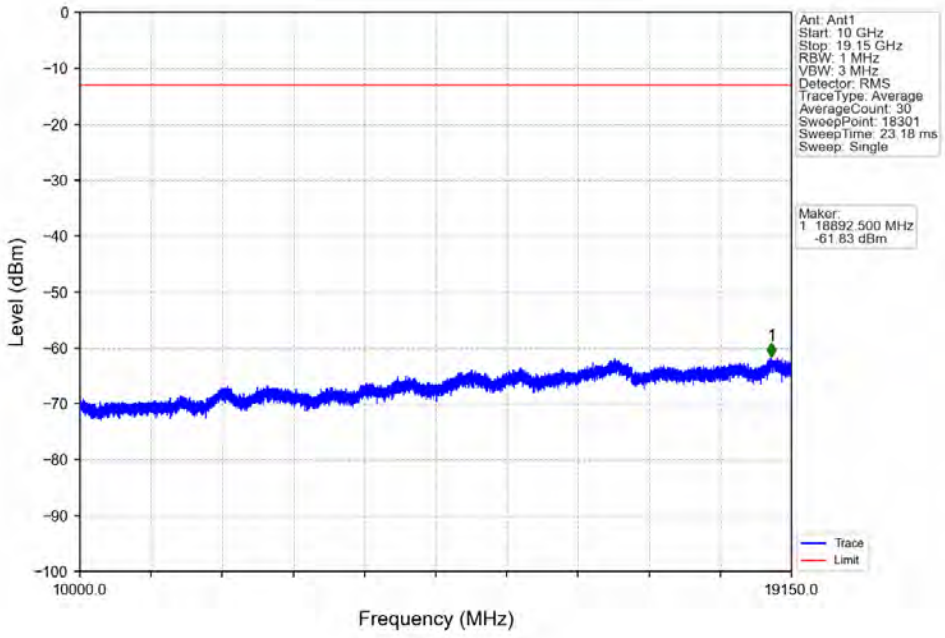
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



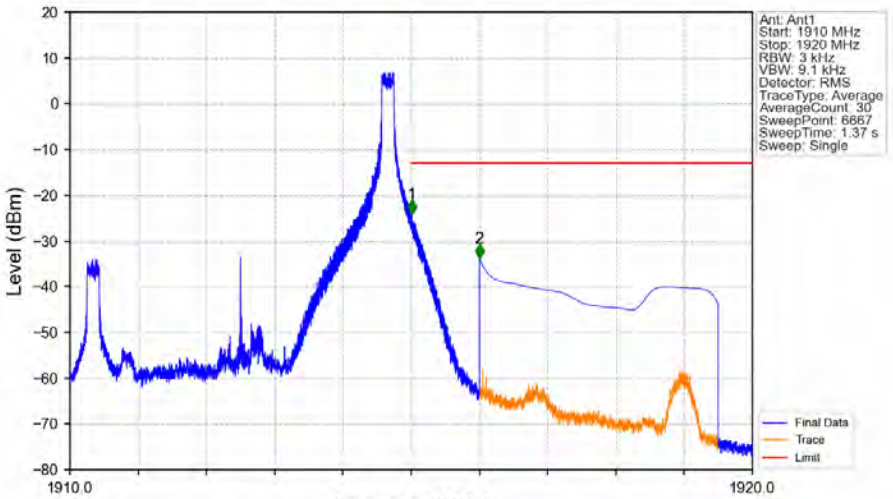
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV

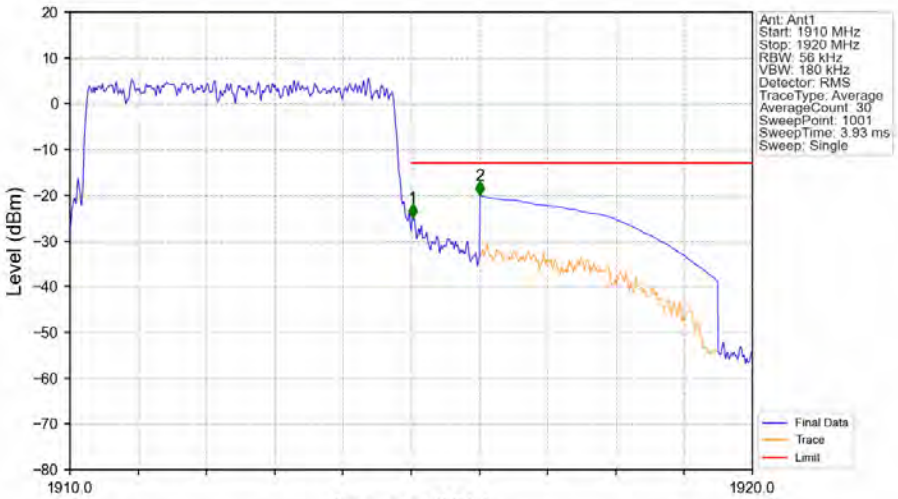


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



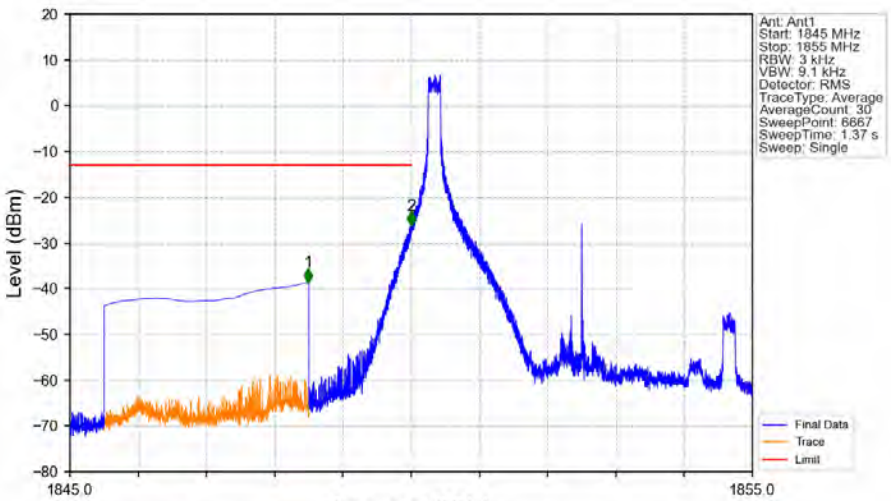
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.009	-24.14	-13	Pass
1916	1920	1	CHP	2	1916.001	-33.85	-13	Pass

Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



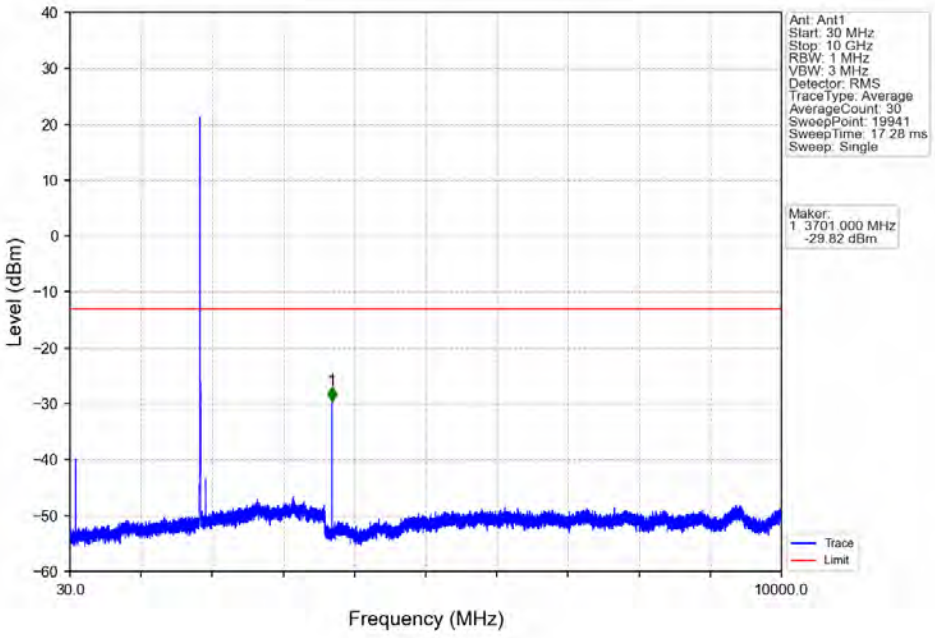
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.056	/	/	/	/	/	/
1915	1916	0.056	/	1	1915.020	-24.93	-13	Pass
1916	1920	1	CHP	2	1916.010	-20.11	-13	Pass

Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

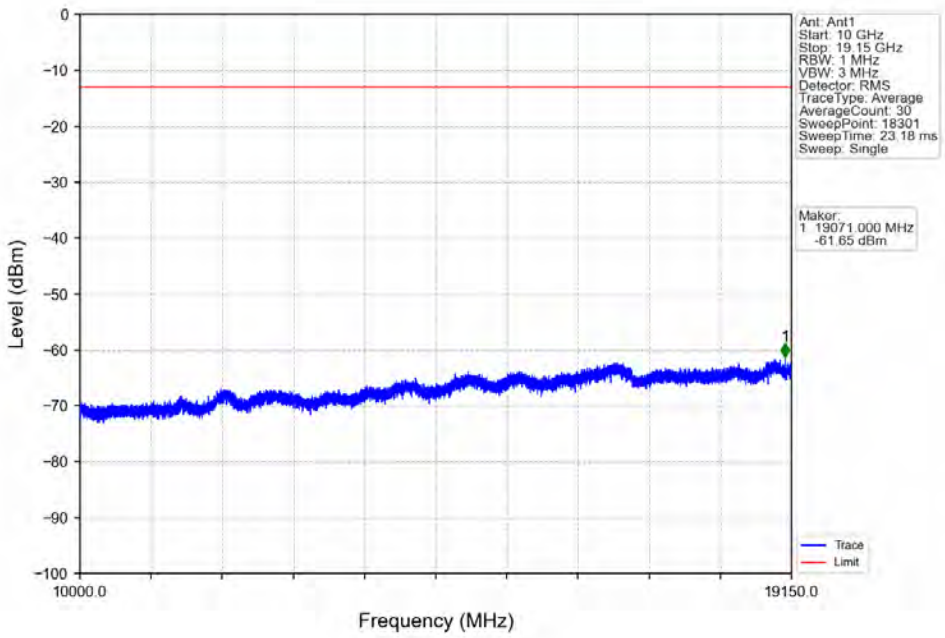


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.491	-38.64	-13	Pass
1849	1850	0.003	/	2	1850.000	-26.22	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

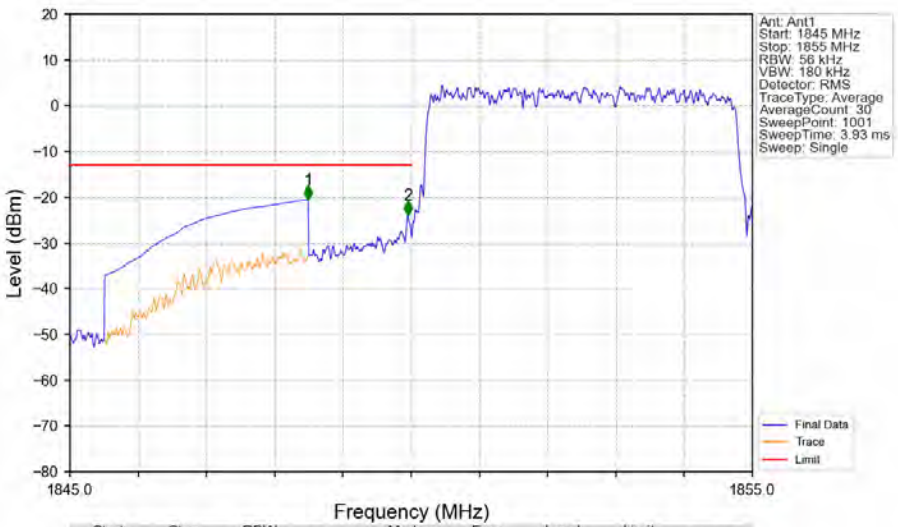
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

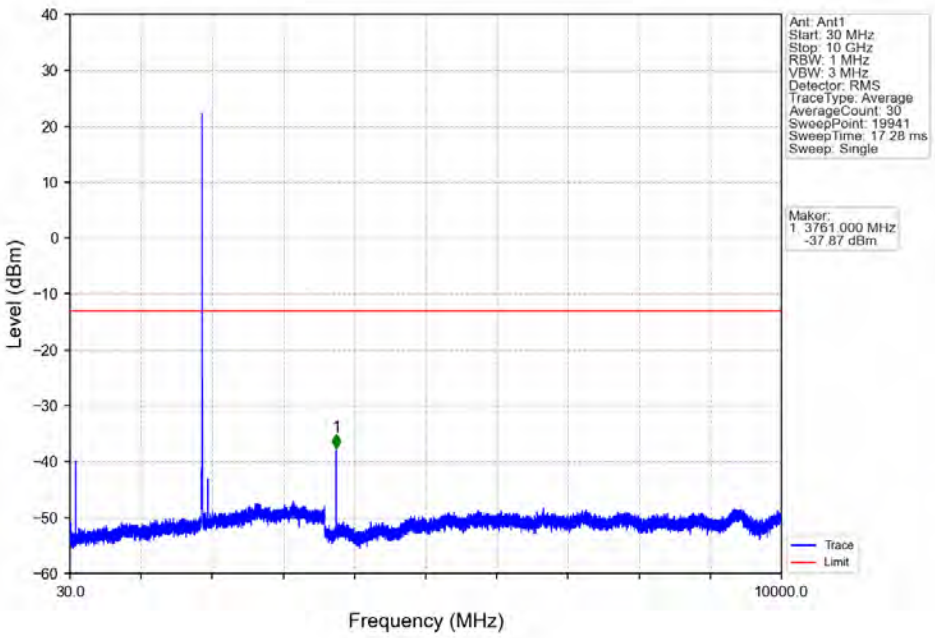


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

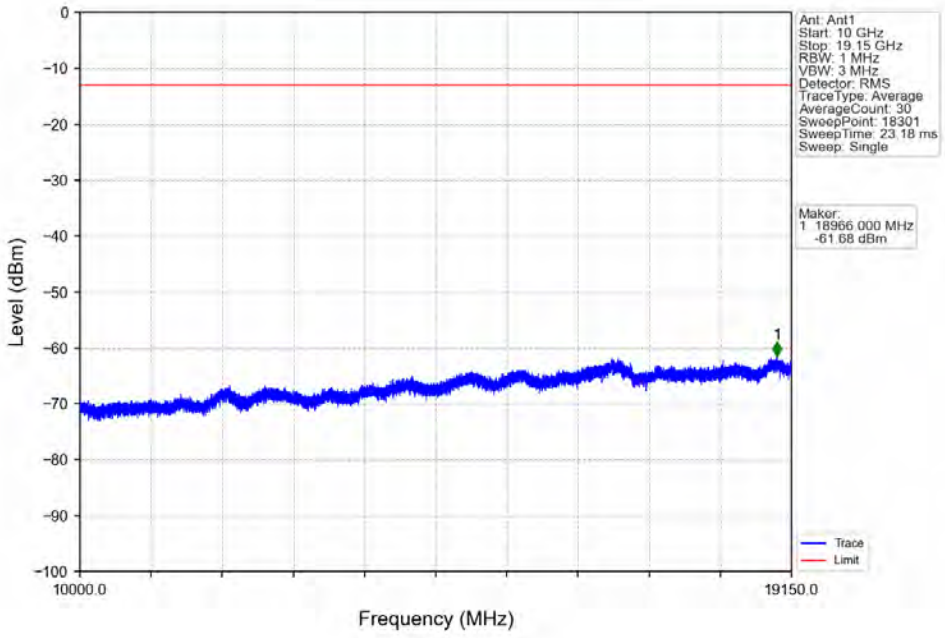


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-20.58	-13	Pass
1849	1850	0.056	/	2	1849.950	-23.94	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

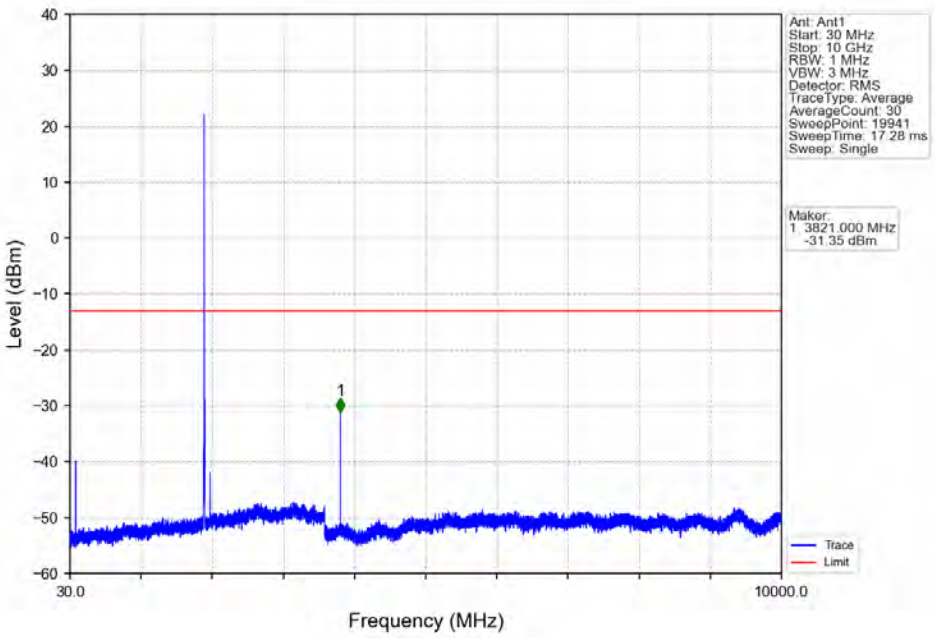
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



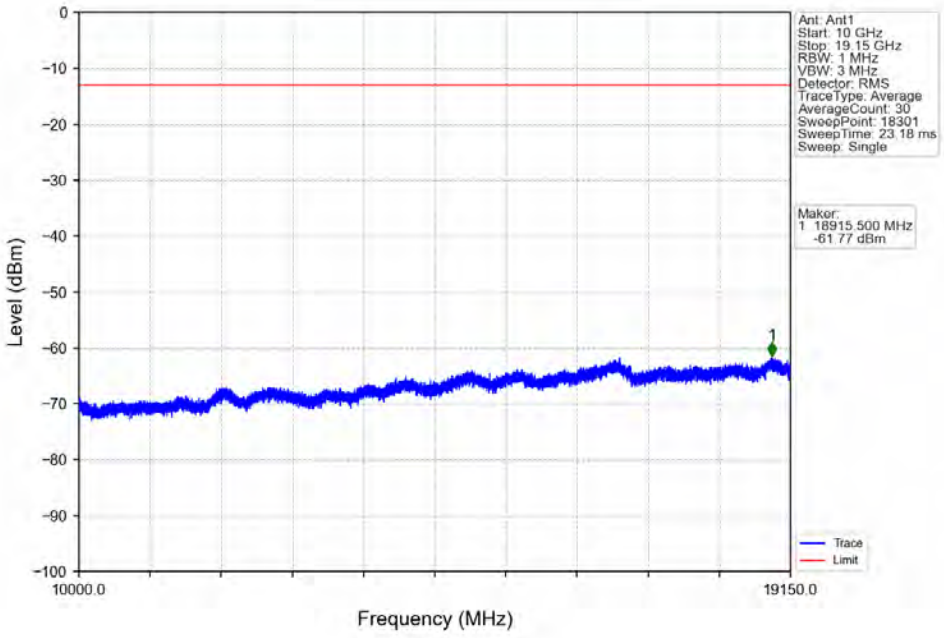
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



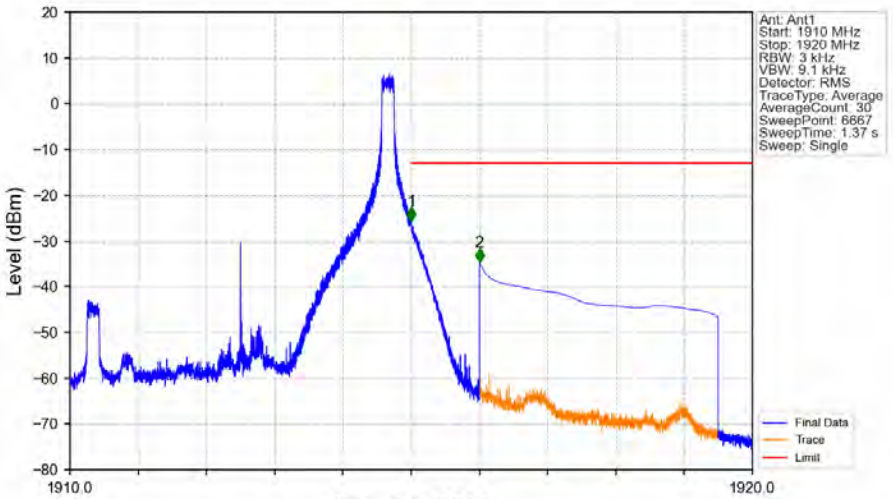
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV

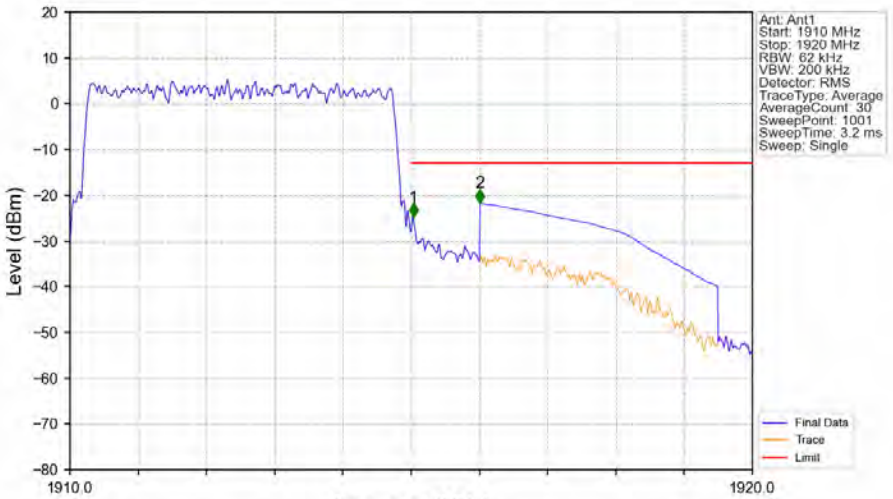


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-25.65	-13	Pass
1916	1920	1	CHP	2	1916.001	-34.72	-13	Pass

Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.062	/	/	/	/	/	/
1915	1916	0.062	/	1	1915.030	-24.84	-13	Pass
1916	1920	1	CHP	2	1916.010	-21.74	-13	Pass

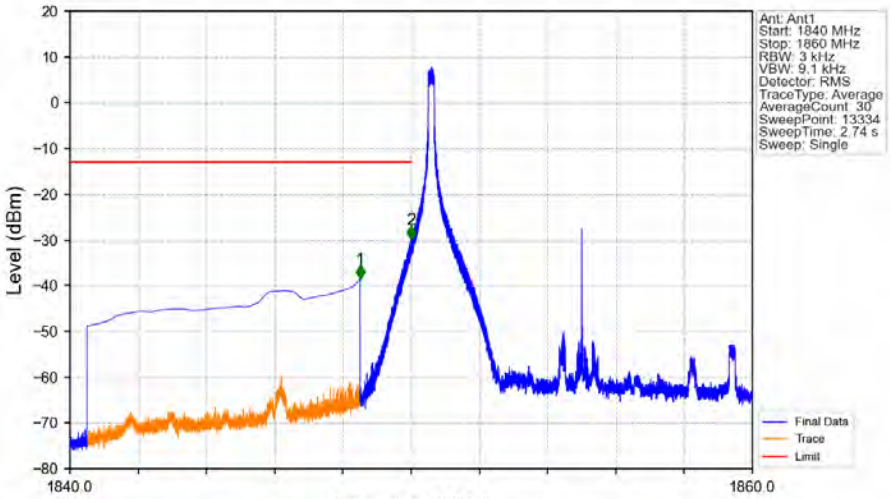
6.4 B25_10MHz

6.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

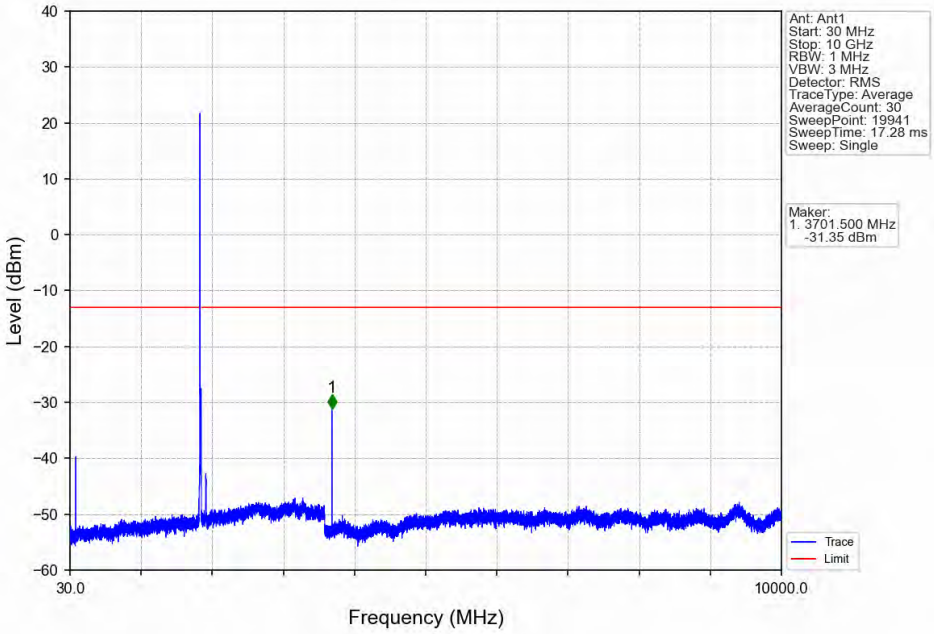
6.4.2 Test Graph

Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

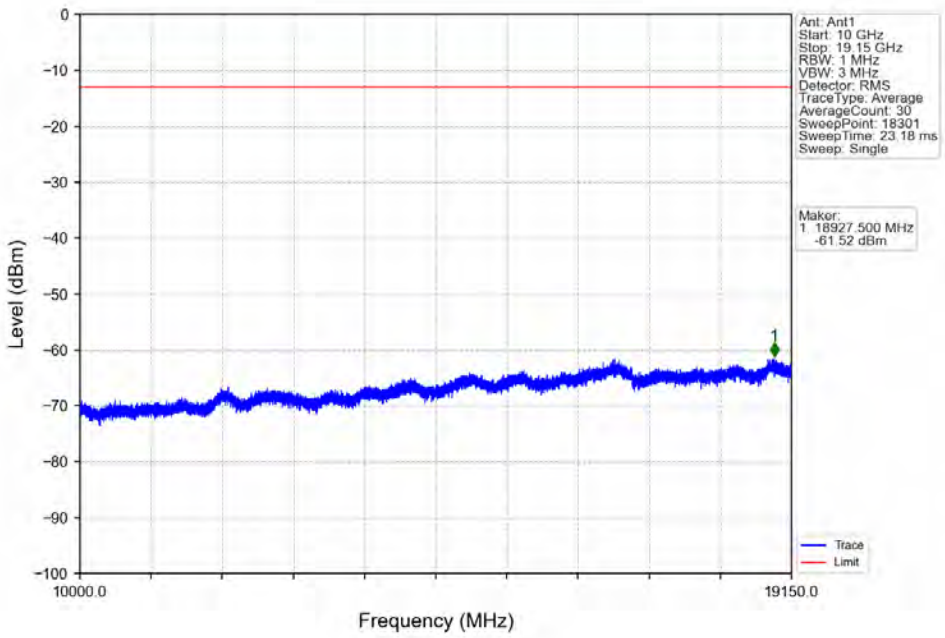


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.499	-38.56	-13	Pass
1849	1850	0.003	/	2	1849.999	-29.96	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

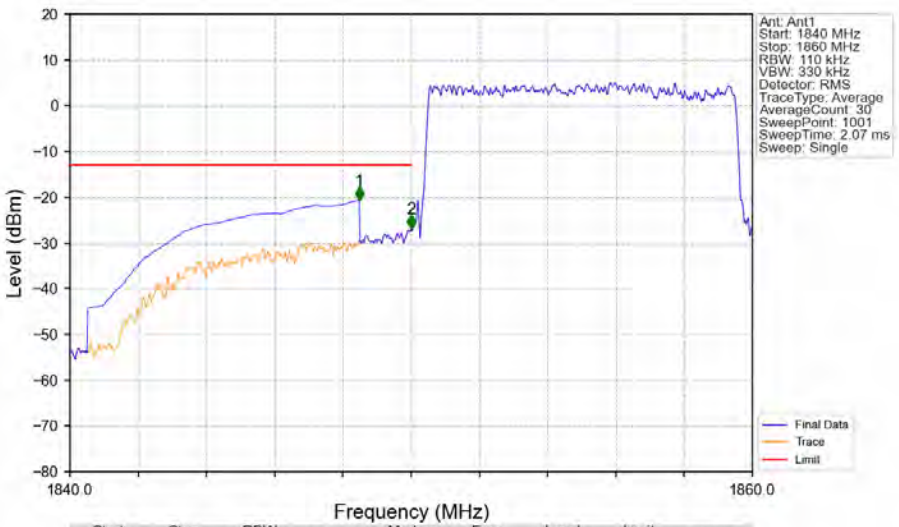
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

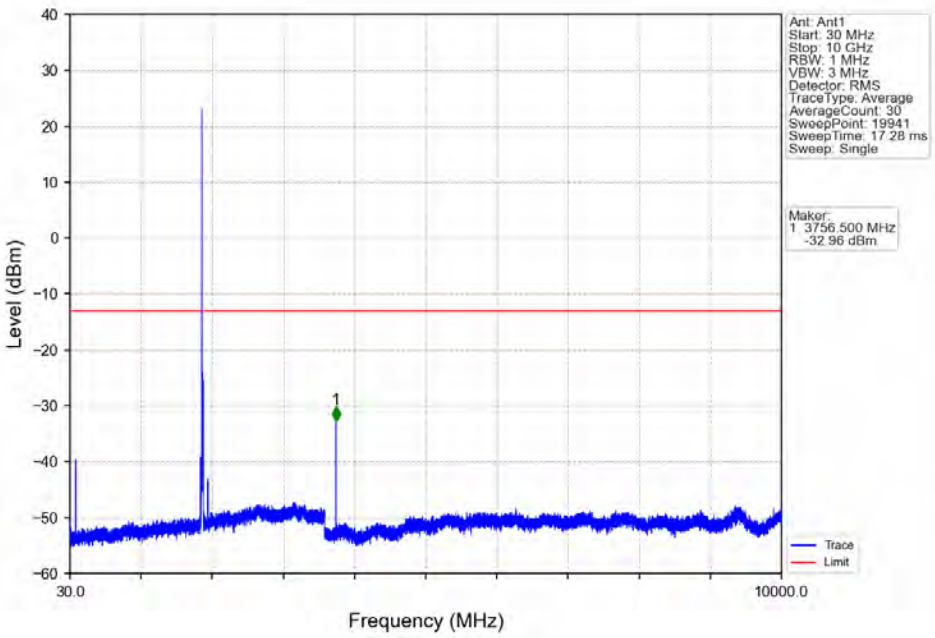


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

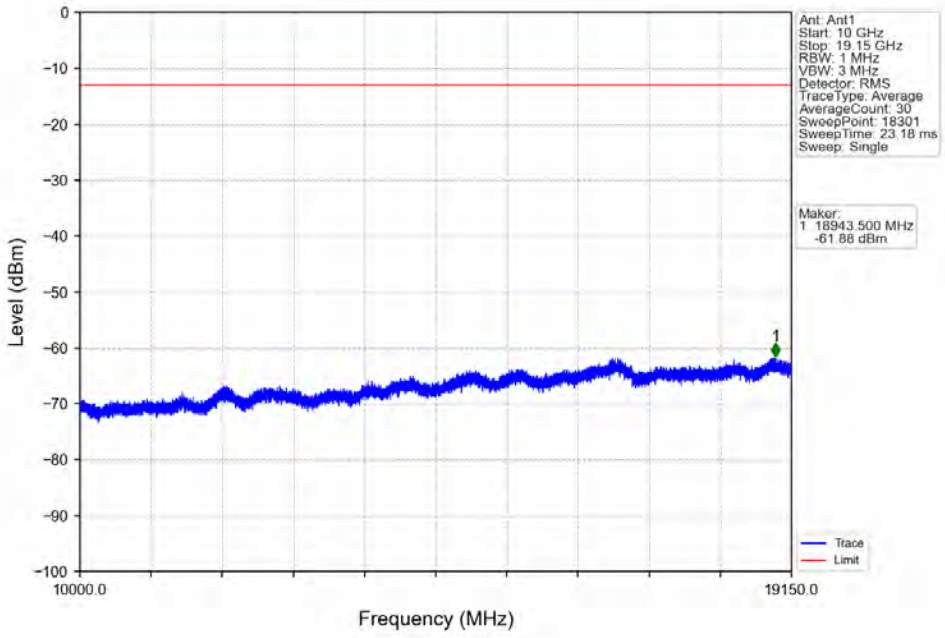


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-20.71	-13	Pass
1849	1850	0.11	/	2	1850.000	-26.94	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

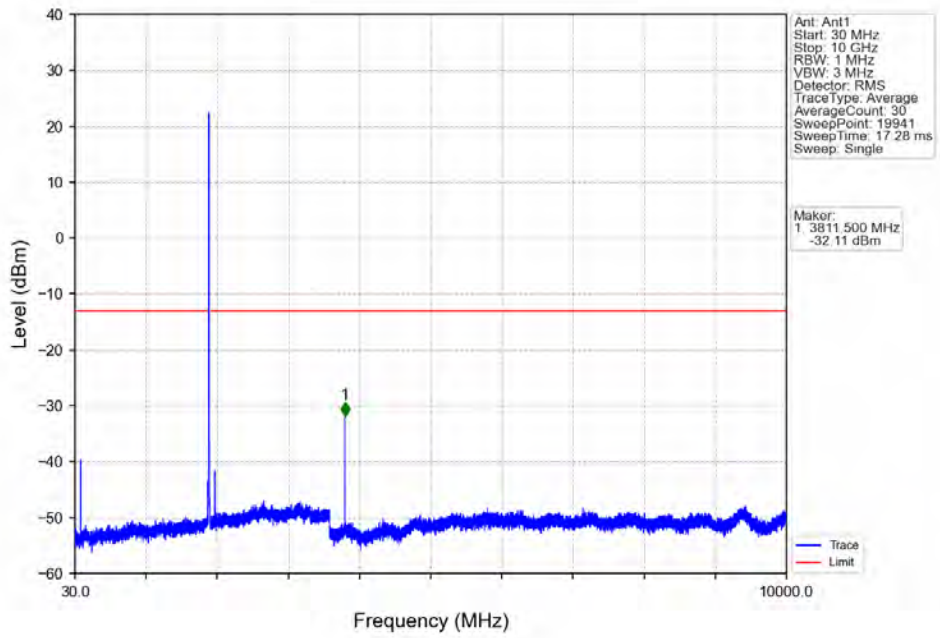
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



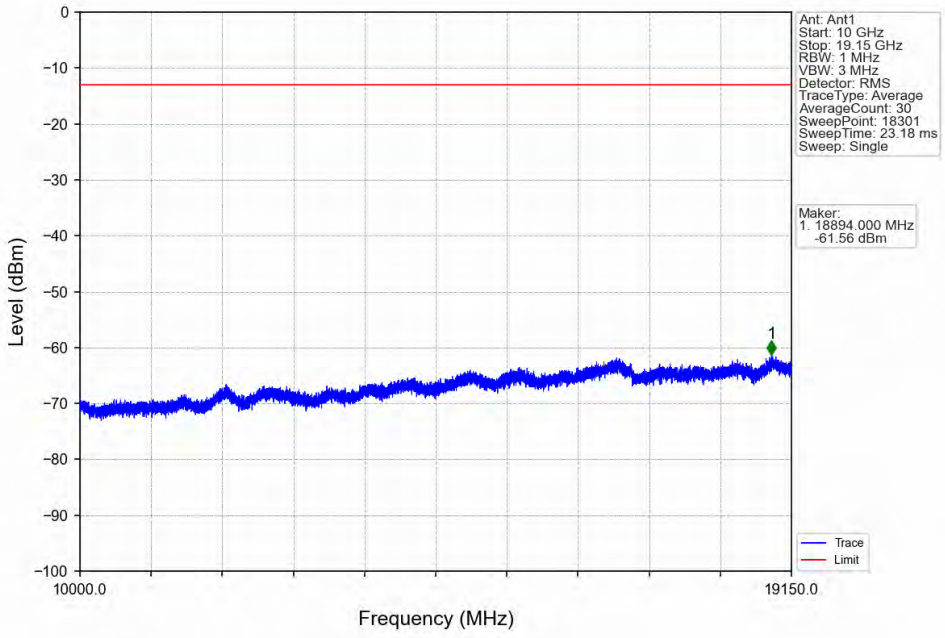
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



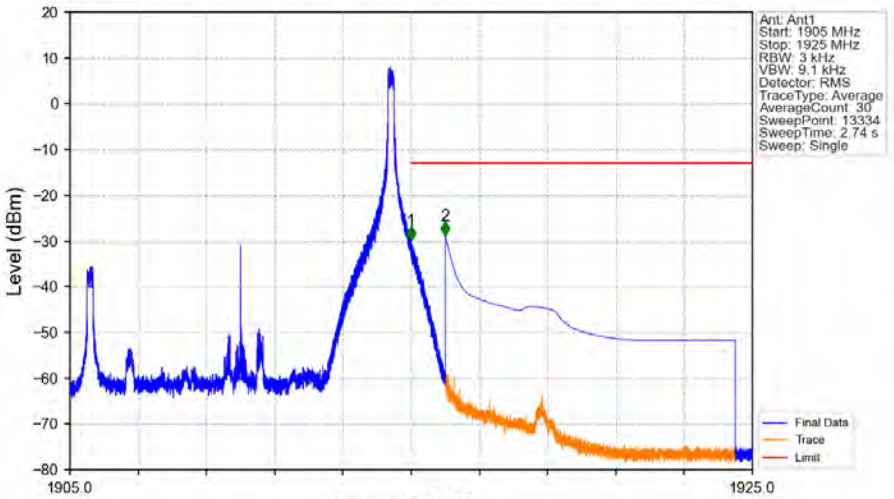
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

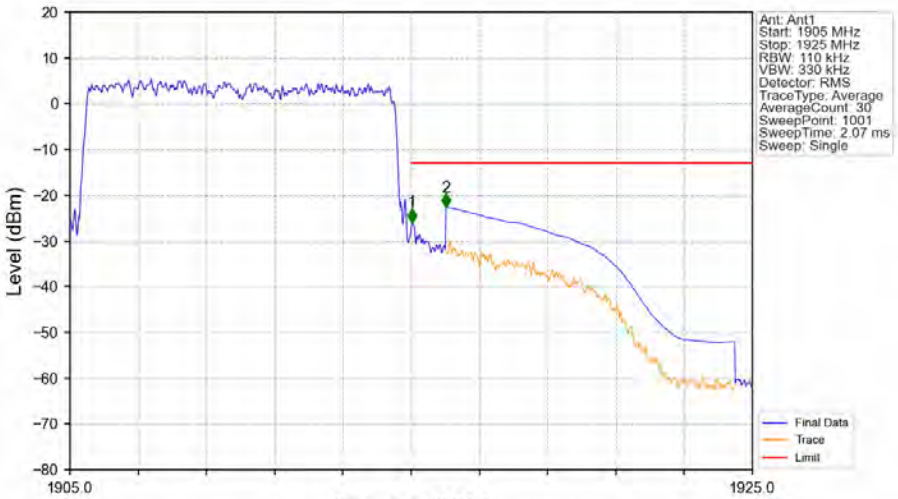


Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



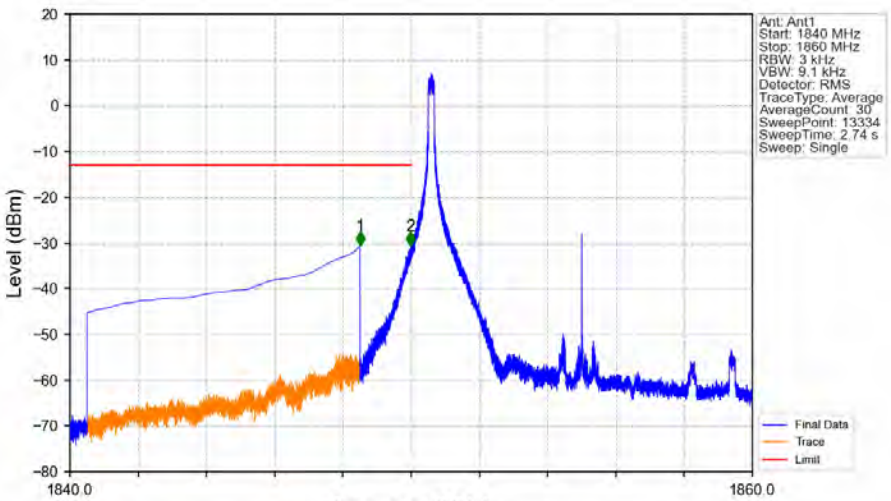
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.001	-29.93	-13	Pass
1916	1925	1	CHP	2	1916.001	-28.93	-13	Pass

Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



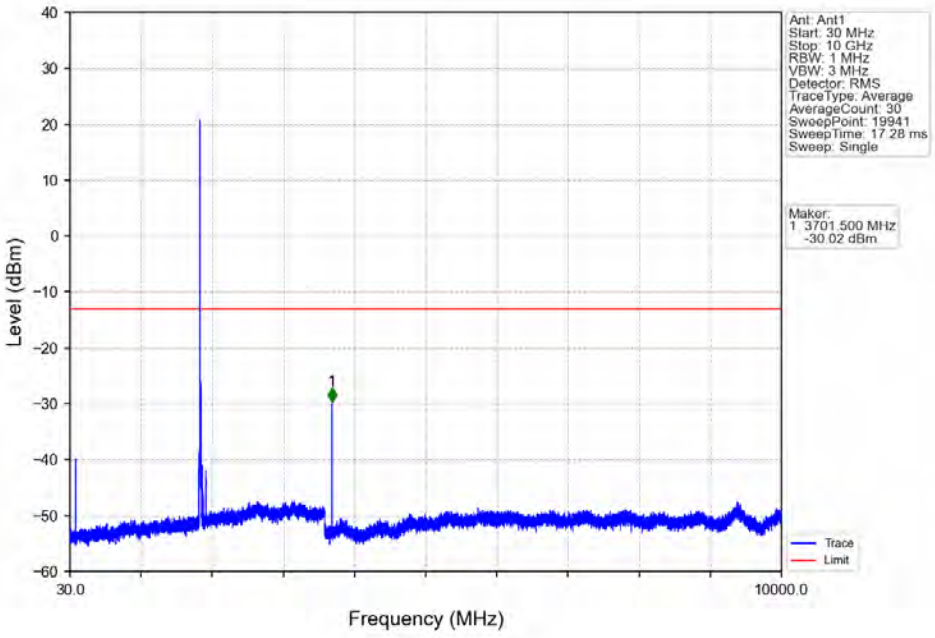
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.11	/	/	/	/	/	/
1915	1916	0.11	/	1	1915.020	-25.94	-13	Pass
1916	1925	1	CHP	2	1916.020	-22.64	-13	Pass

Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

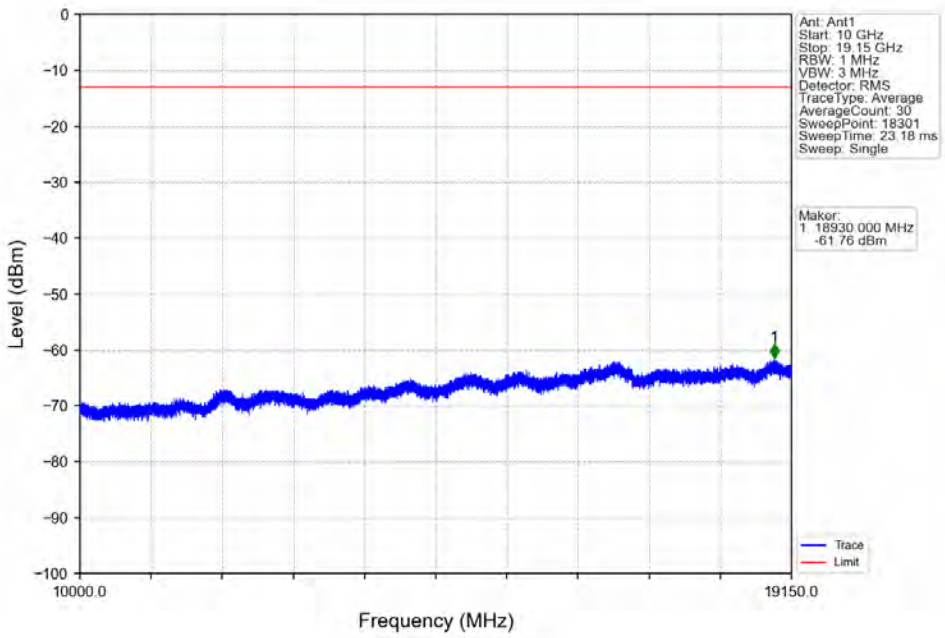


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.499	-30.62	-13	Pass
1849	1850	0.003	/	2	1849.986	-30.62	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

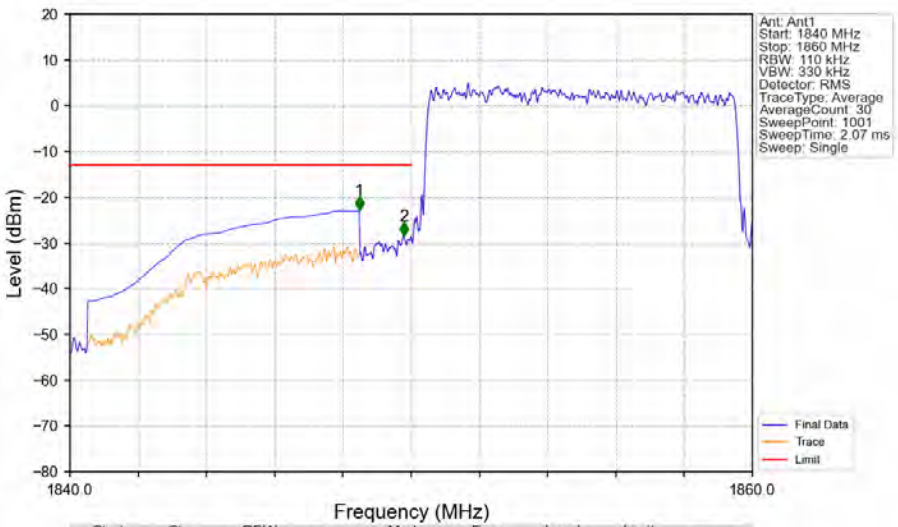
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

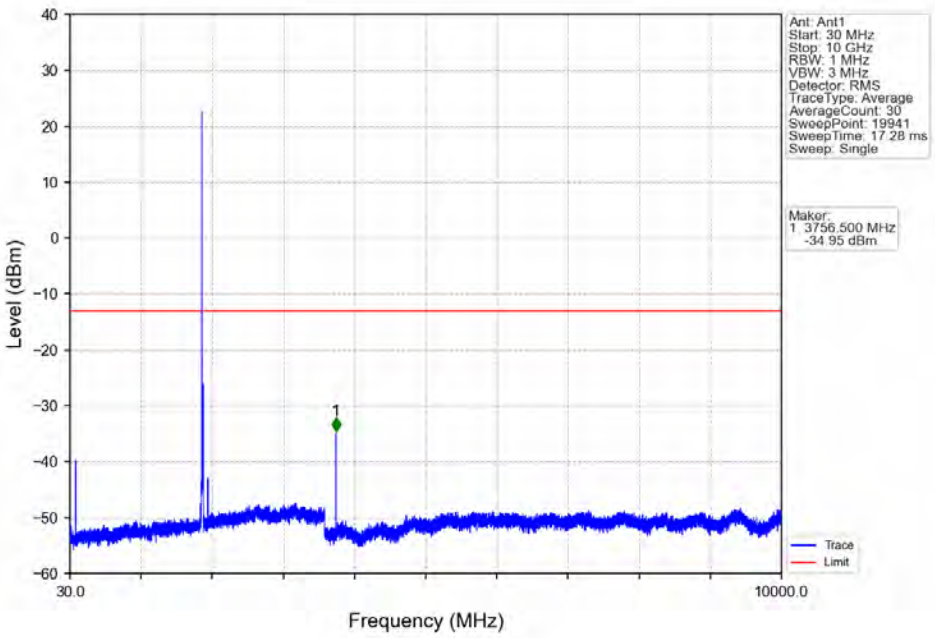


Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

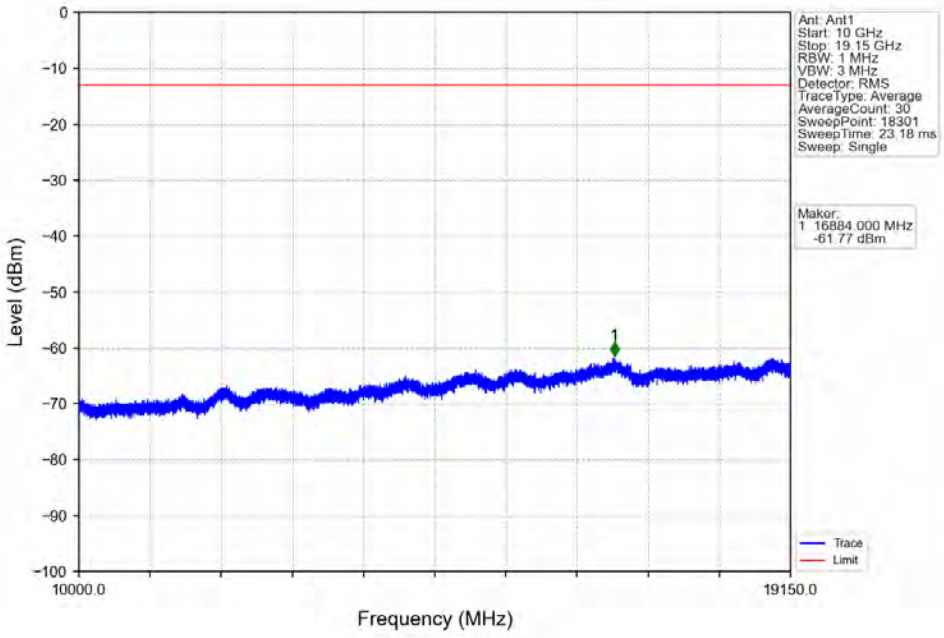


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-22.92	-13	Pass
1849	1850	0.11	/	2	1849.780	-28.45	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

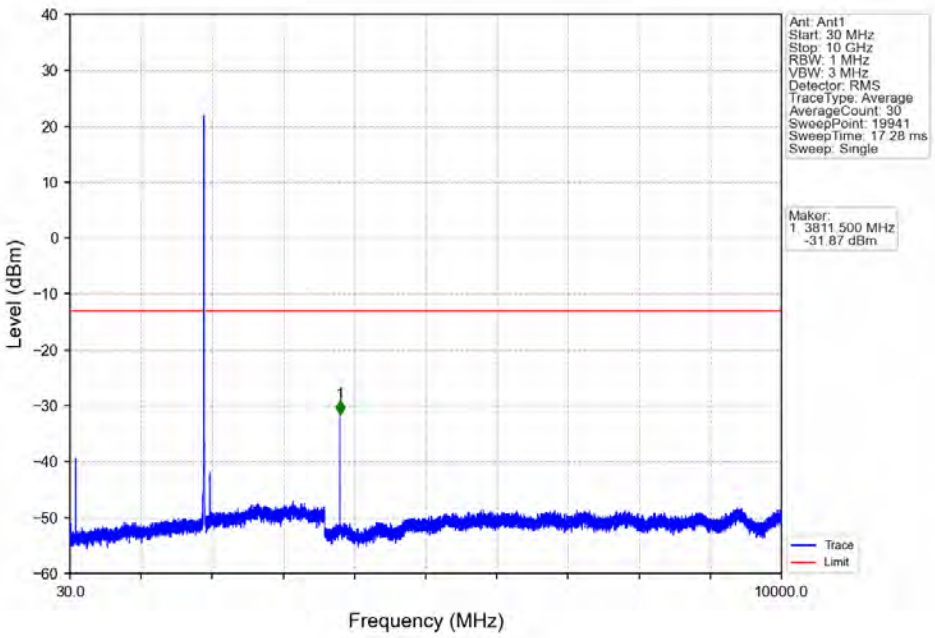
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



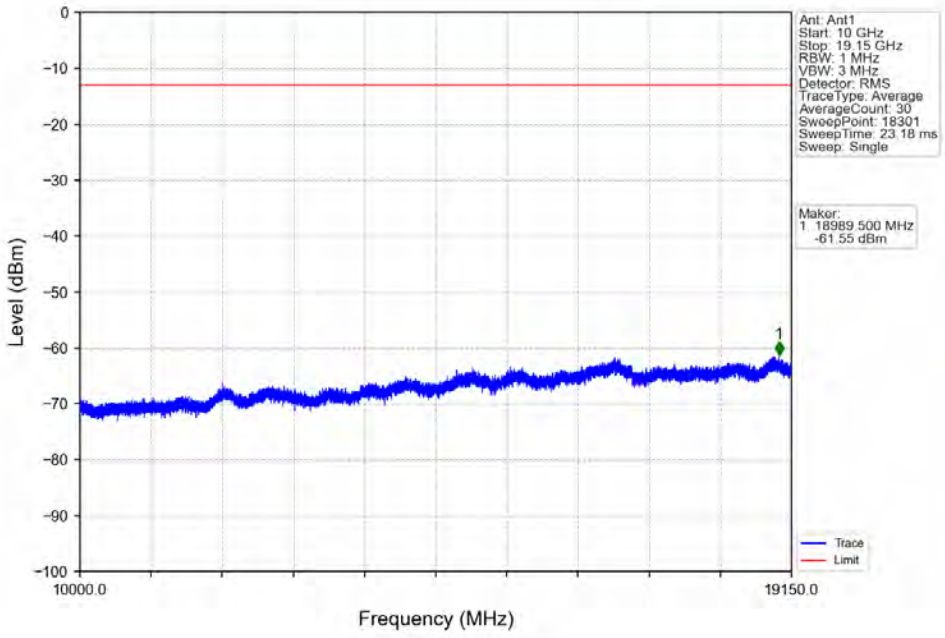
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



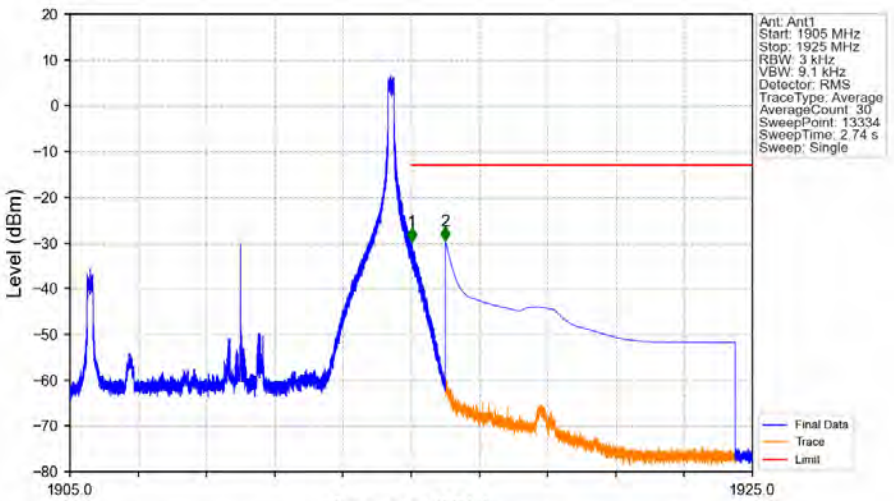
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV

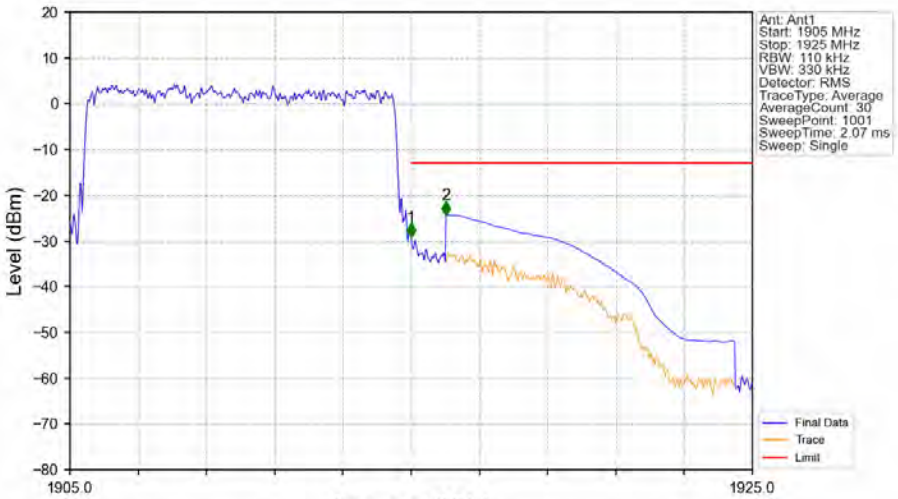


Band25_10MHz_16QAM_HCH_1910MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.014	-29.81	-13	Pass
1916	1925	1	CHP	2	1916.001	-29.58	-13	Pass

Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.11	/	/	/	/	/	/
1915	1916	0.11	/	1	1915.000	-29.25	-13	Pass
1916	1925	1	CHP	2	1916.020	-24.37	-13	Pass

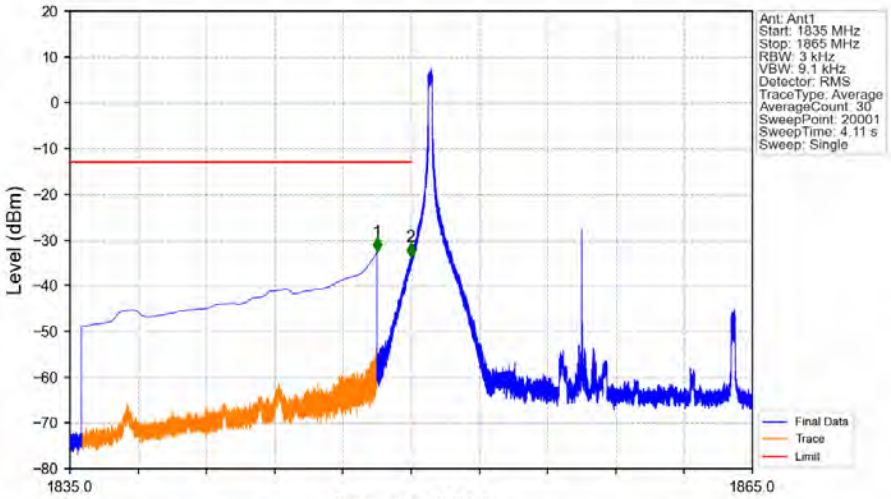
6.5 B25_15MHz

6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

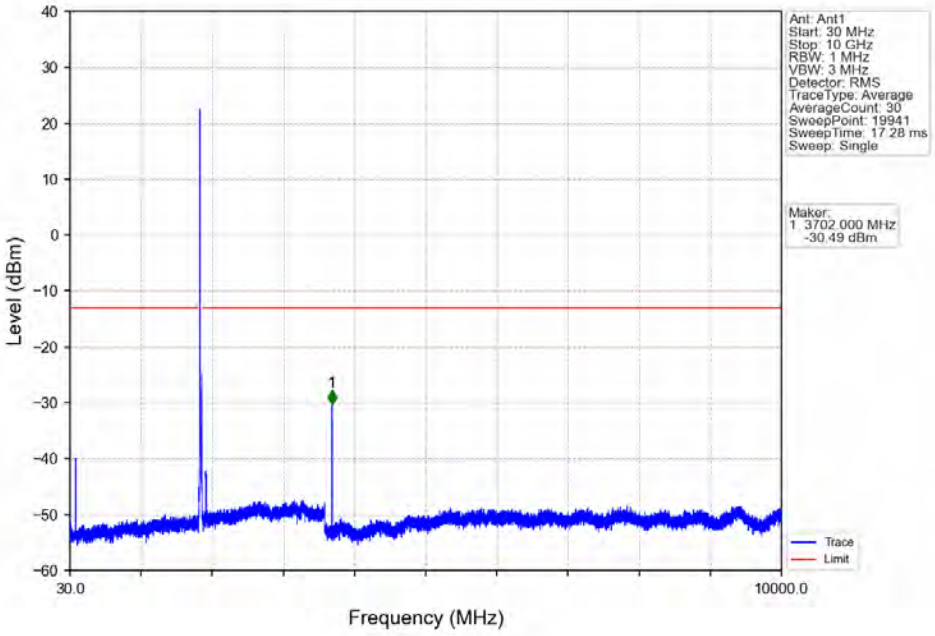
6.5.2 Test Graph

Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

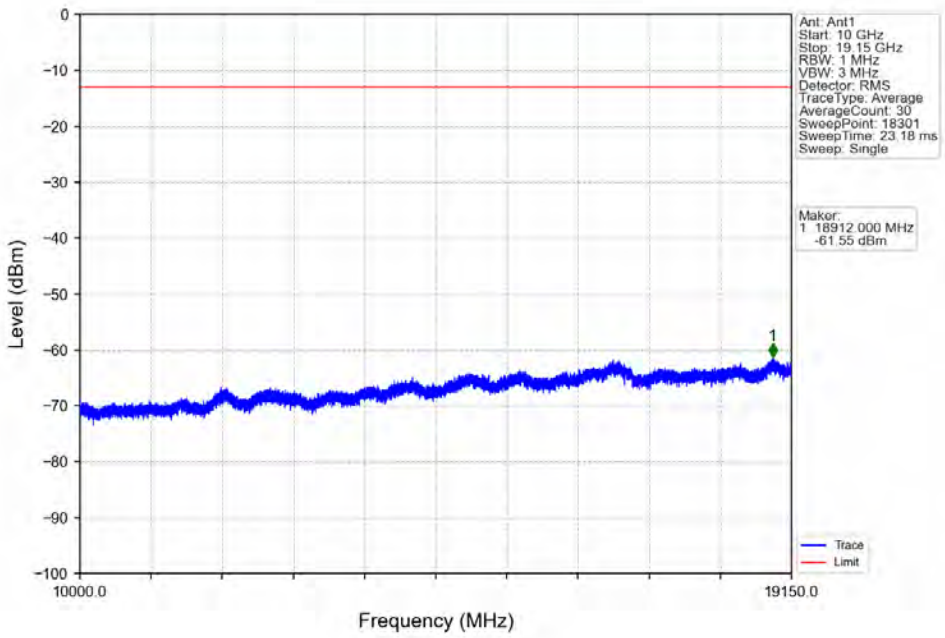


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.498	-32.61	-13	Pass
1849	1850	0.003	/	2	1849.984	-33.70	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

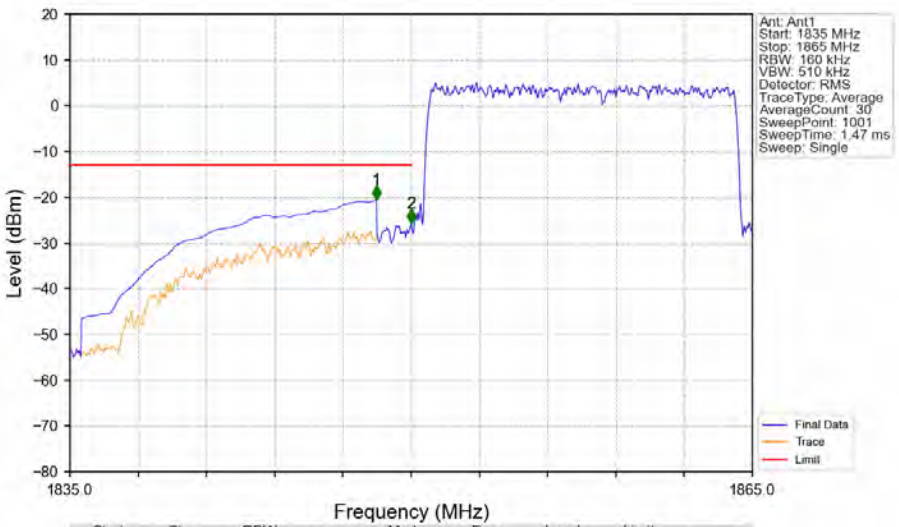
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

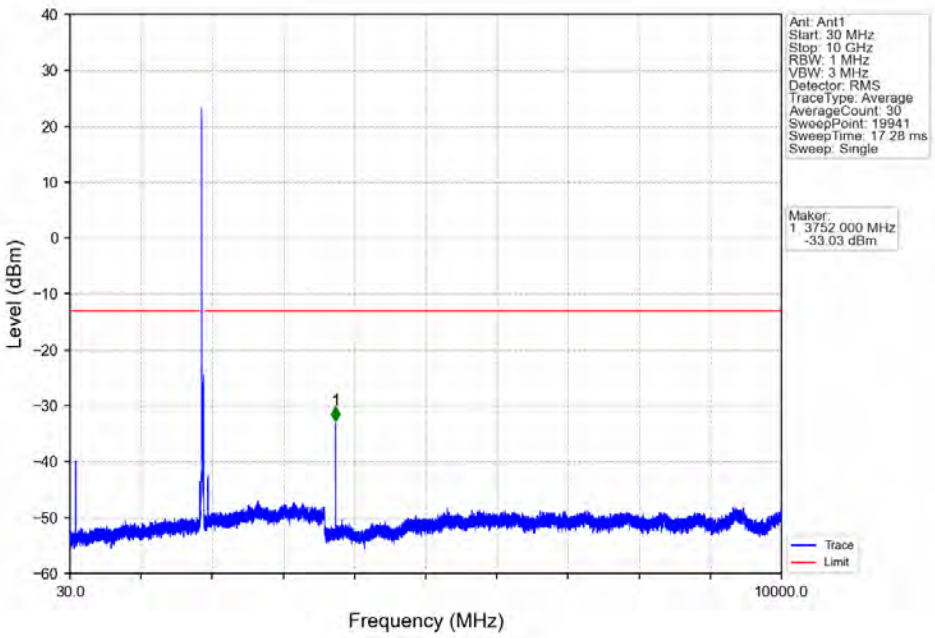


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

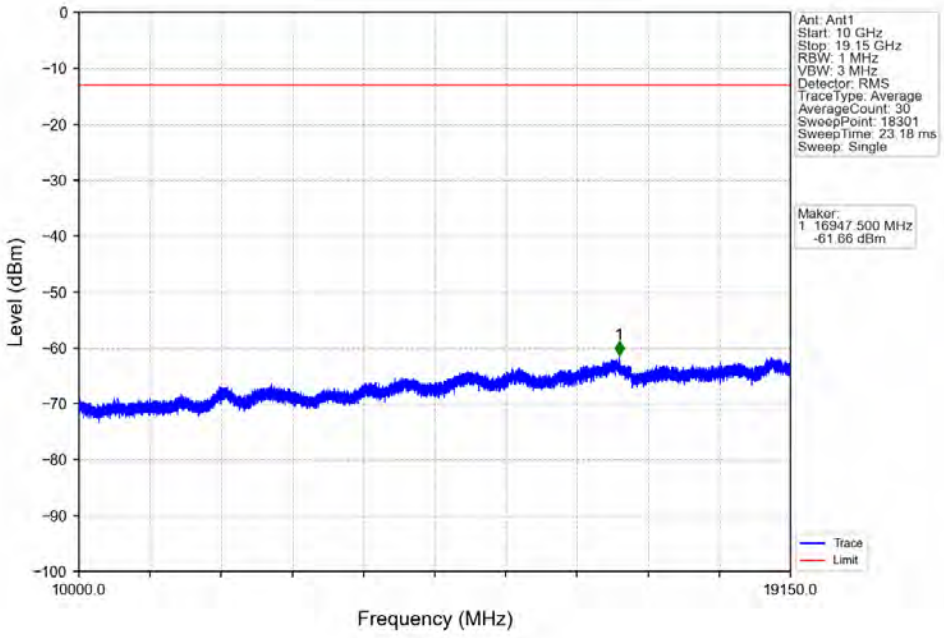


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-20.63	-13	Pass
1849	1850	0.16	/	2	1850.000	-25.72	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

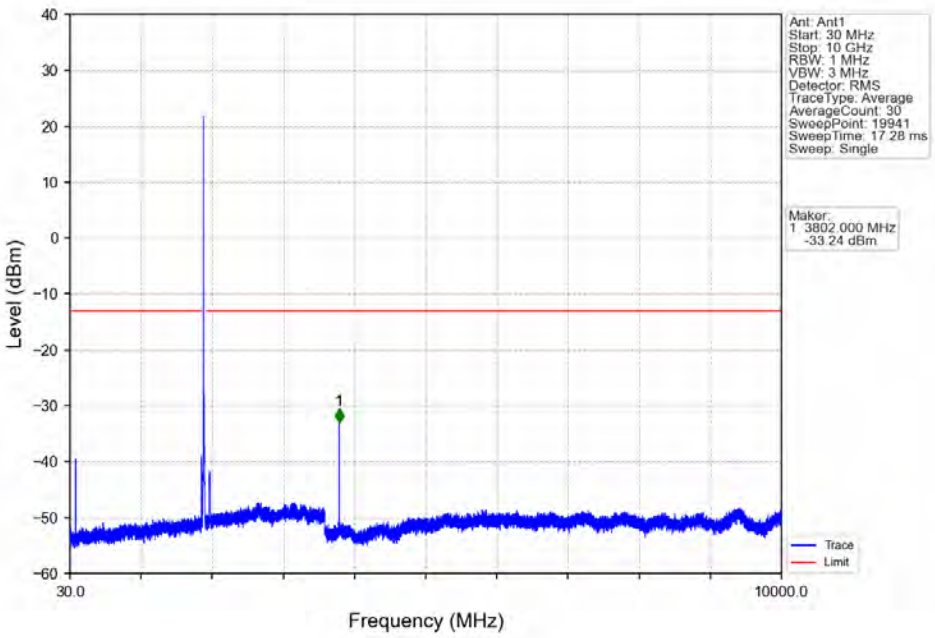
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



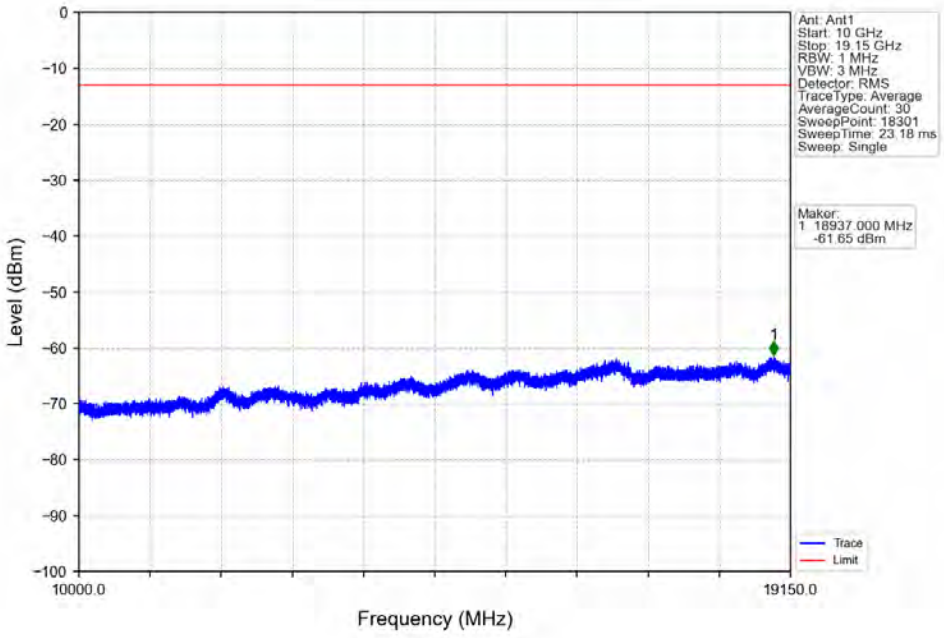
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



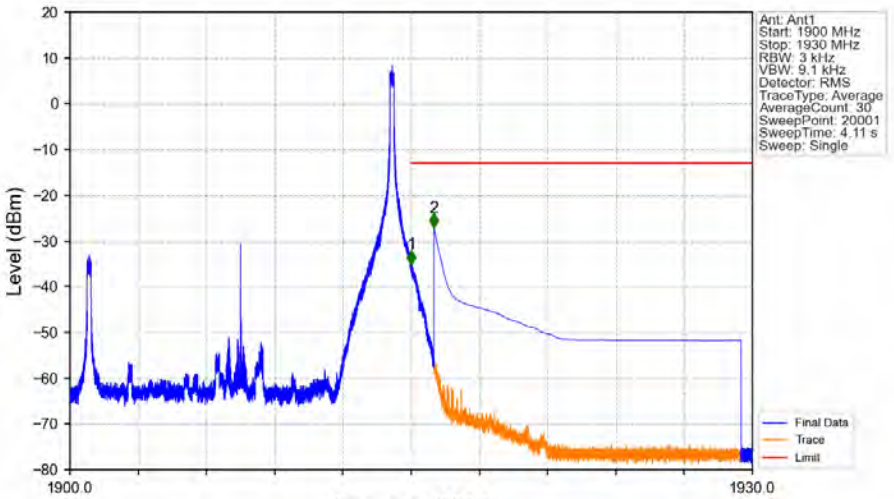
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

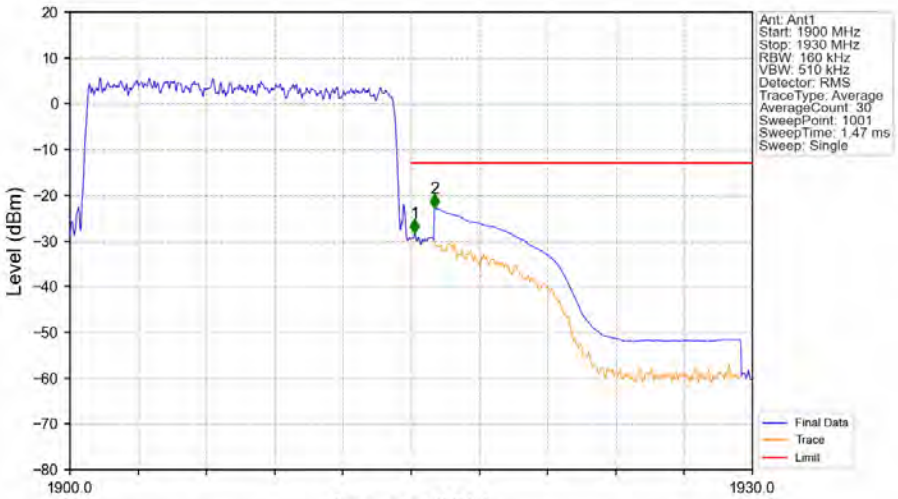


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



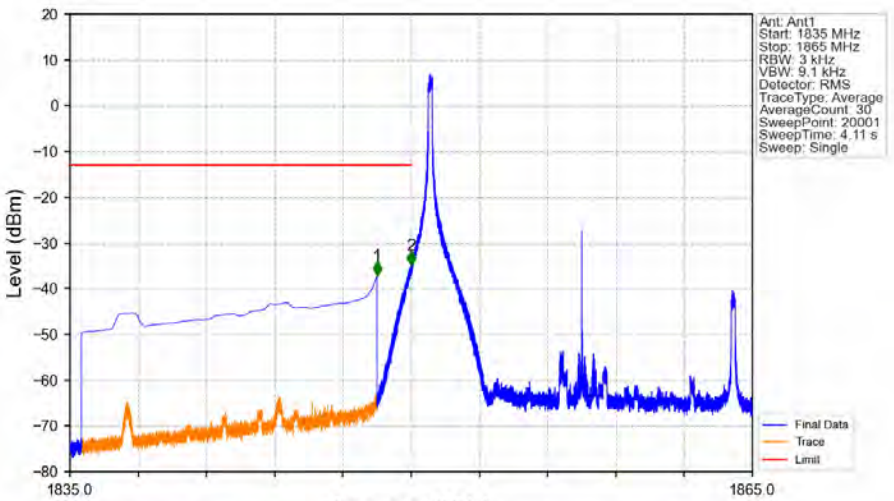
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.011	-35.11	-13	Pass
1916	1930	1	CHP	2	1916.001	-27.14	-13	Pass

Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



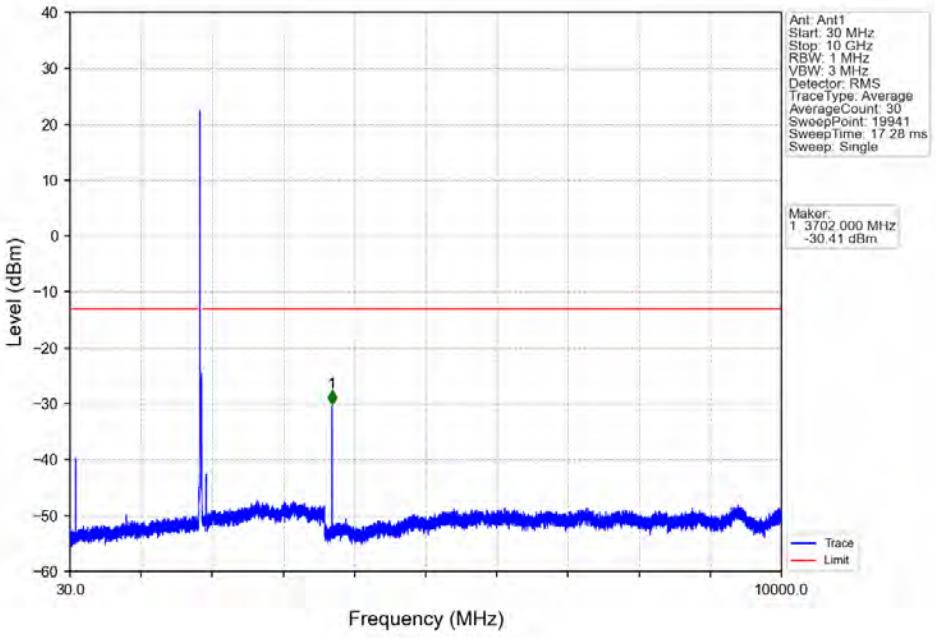
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.16	/	/	/	/	/	/
1915	1916	0.16	/	1	1915.150	-28.36	-13	Pass
1916	1930	1	CHP	2	1916.020	-22.87	-13	Pass

Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

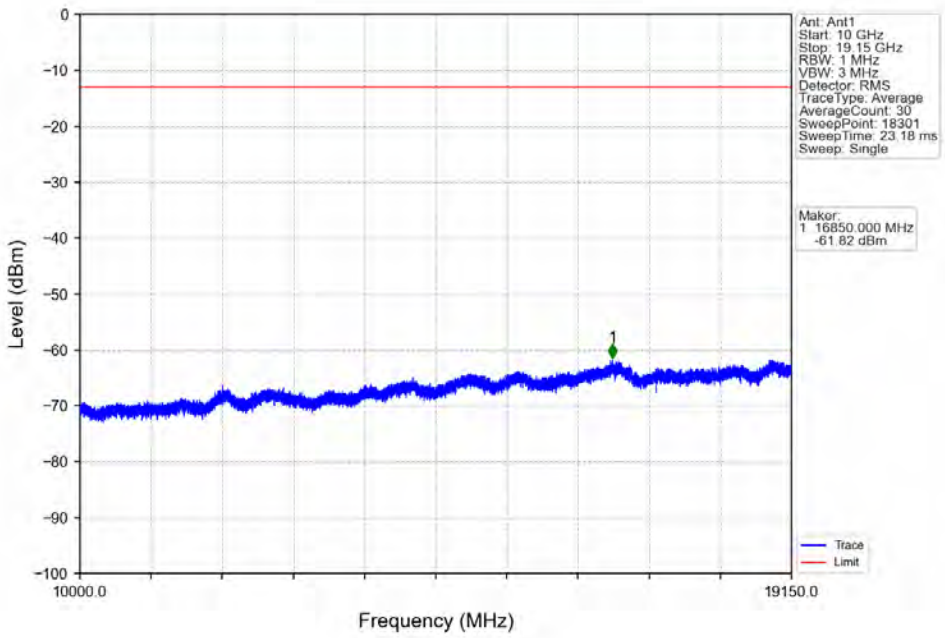


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.498	-37.17	-13	Pass
1849	1850	0.003	/	2	1849.997	-34.86	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

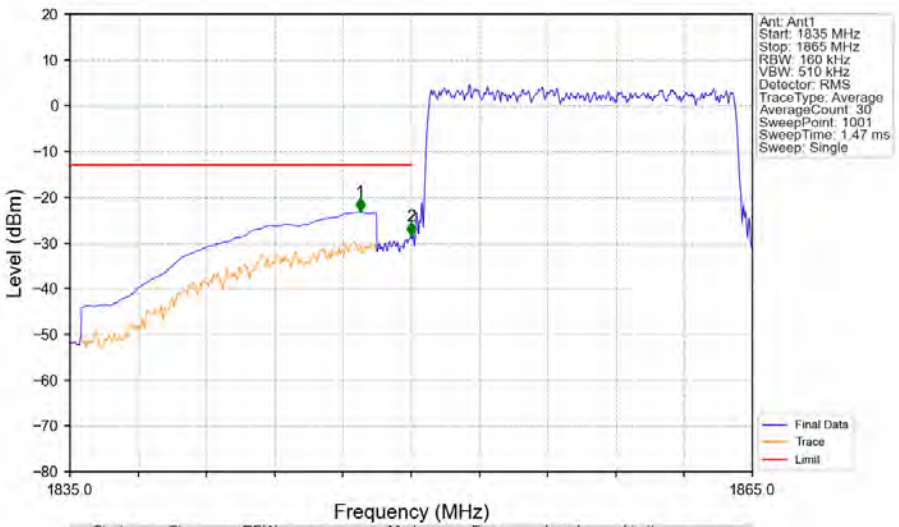
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

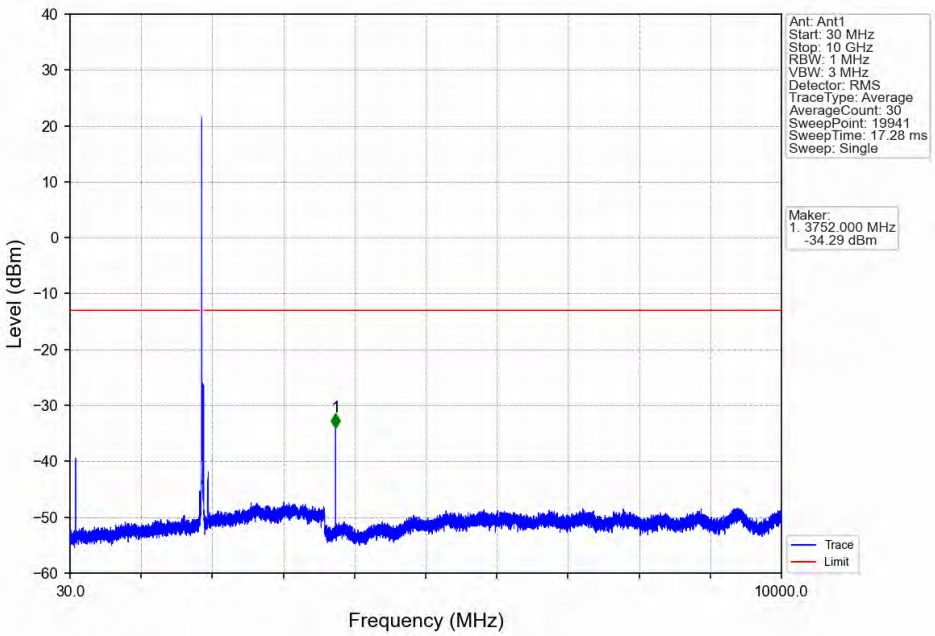


Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

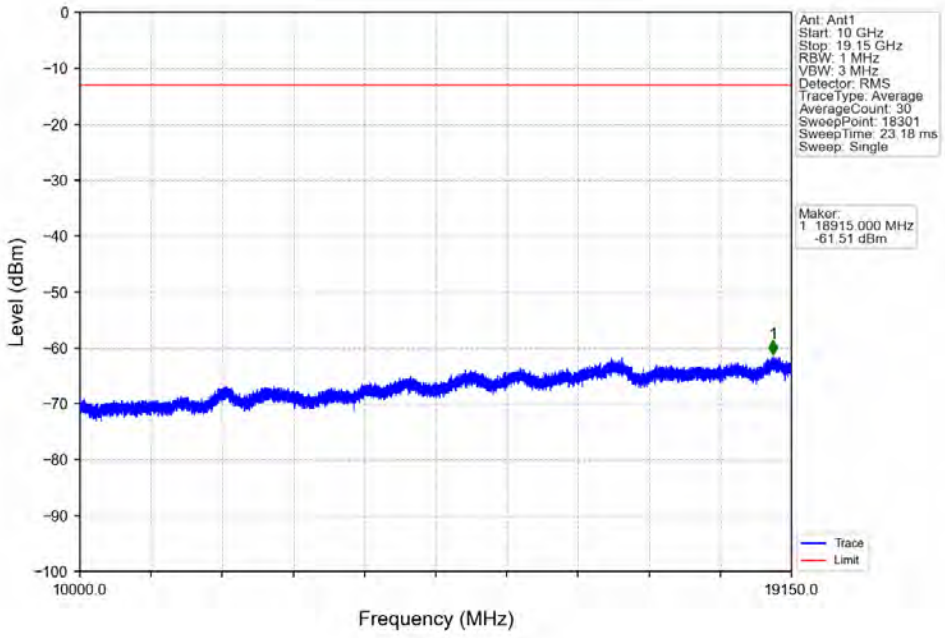


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.750	-23.26	-13	Pass
1849	1850	0.16	/	2	1850.000	-28.55	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

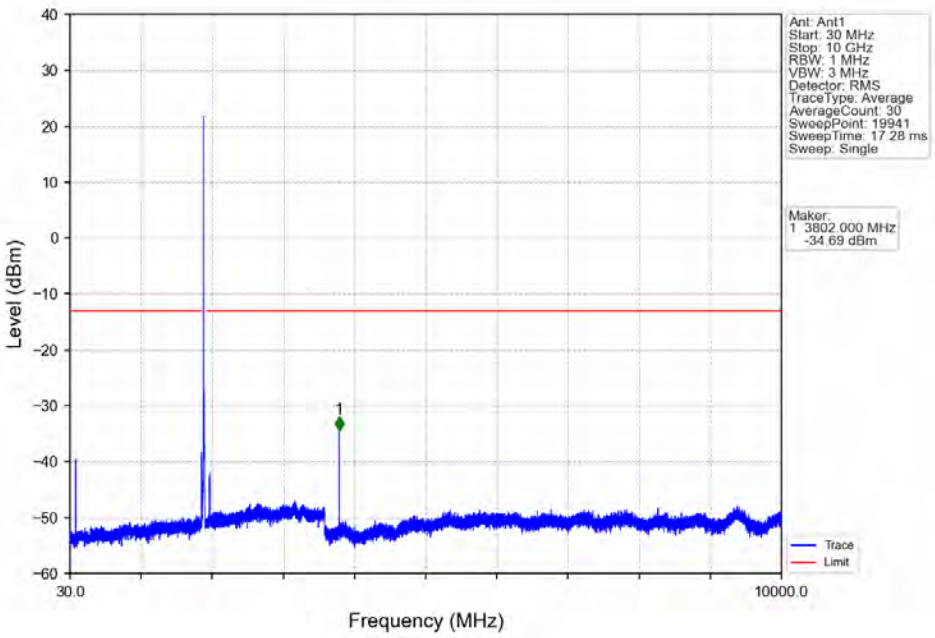
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



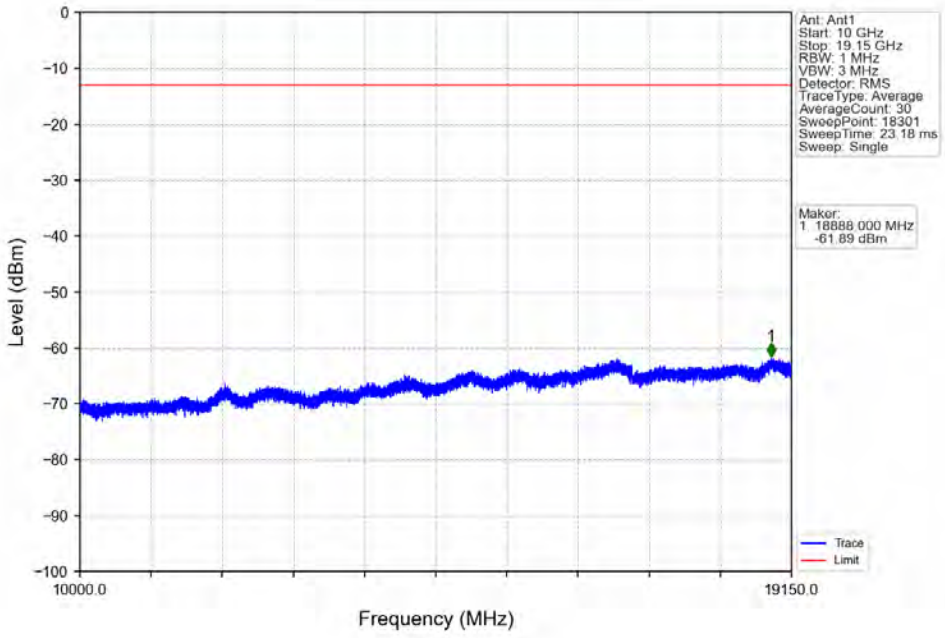
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



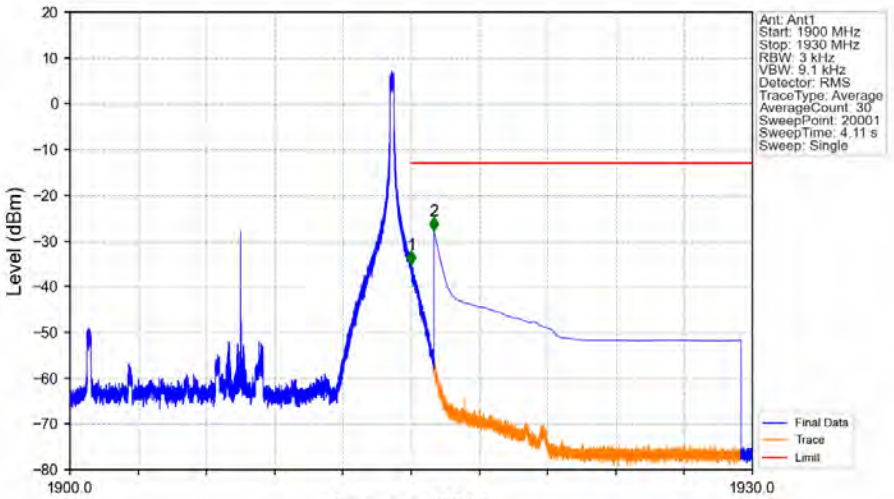
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV

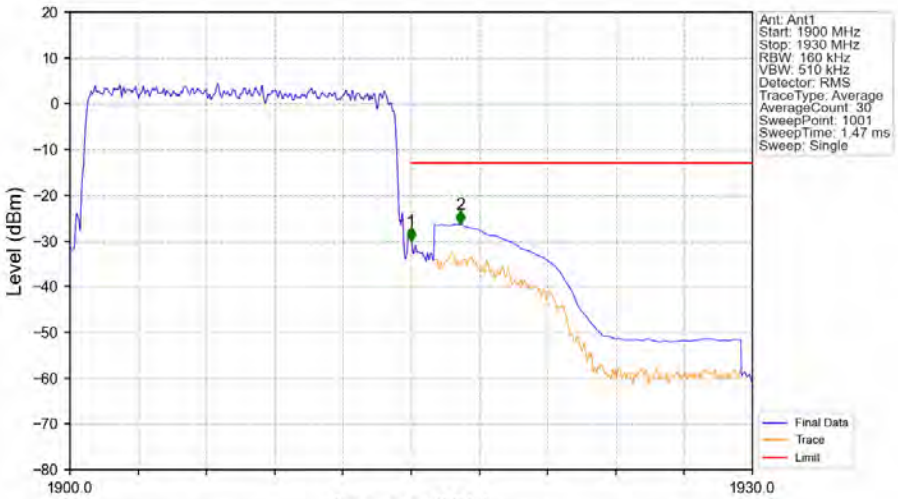


Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.014	-35.16	-13	Pass
1916	1930	1	CHP	2	1916.001	-27.79	-13	Pass

Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.16	/	/	/	/	/	/
1915	1916	0.16	/	1	1915.000	-30.10	-13	Pass
1916	1930	1	CHP	2	1917.160	-26.42	-13	Pass

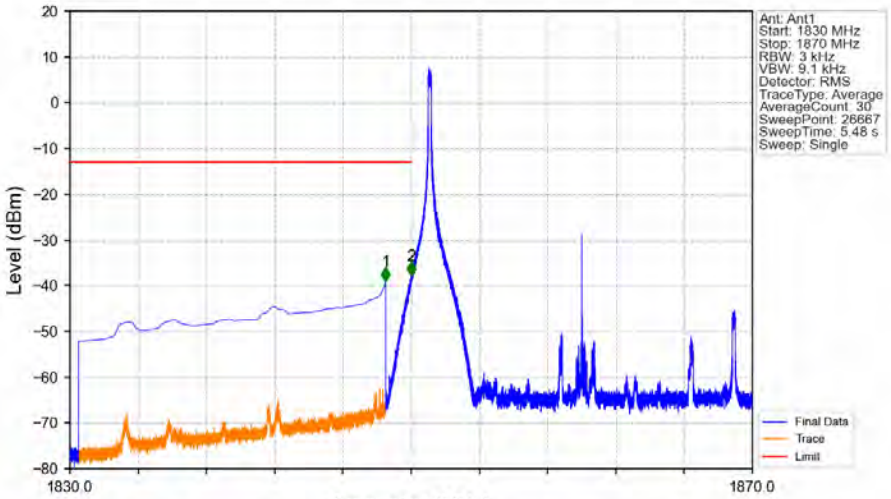
6.6 B25_20MHz

6.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

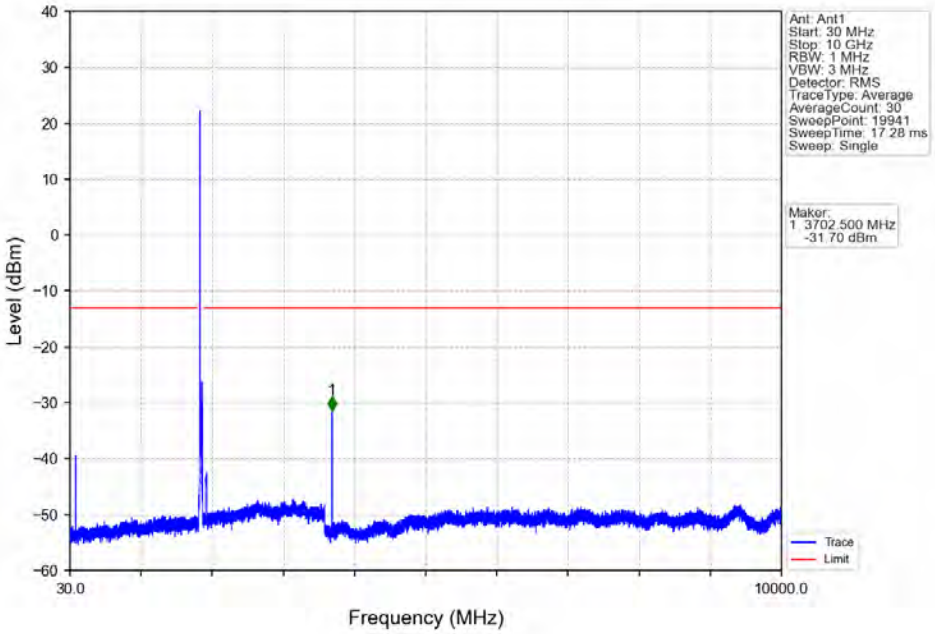
6.6.2 Test Graph

Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

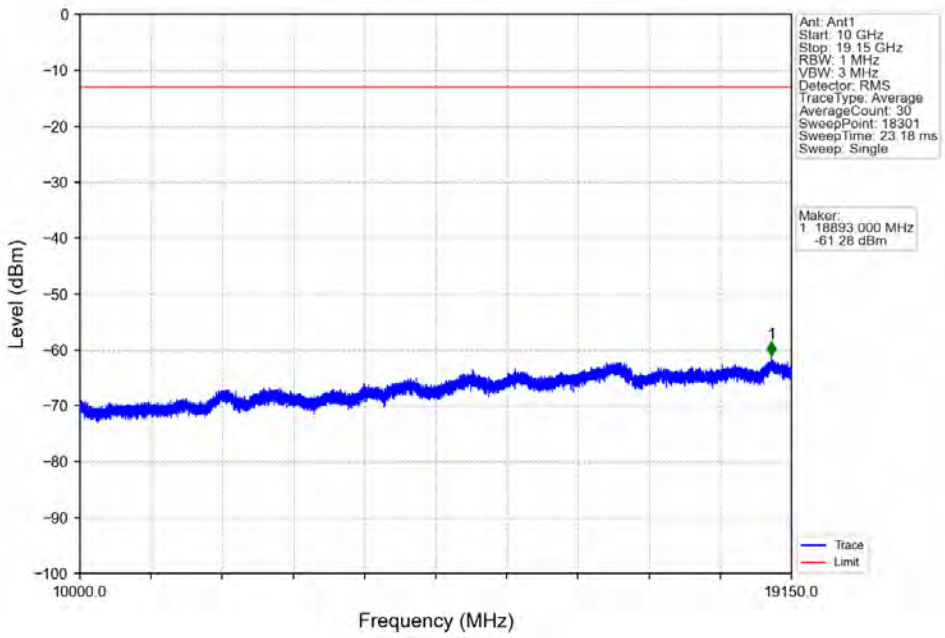


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-39.10	-13	Pass
1849	1850	0.003	/	2	1849.995	-37.89	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

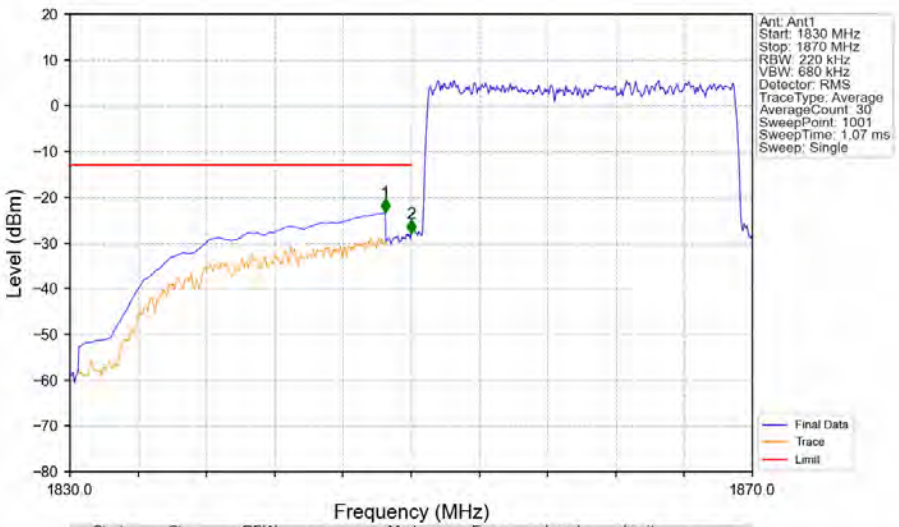
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

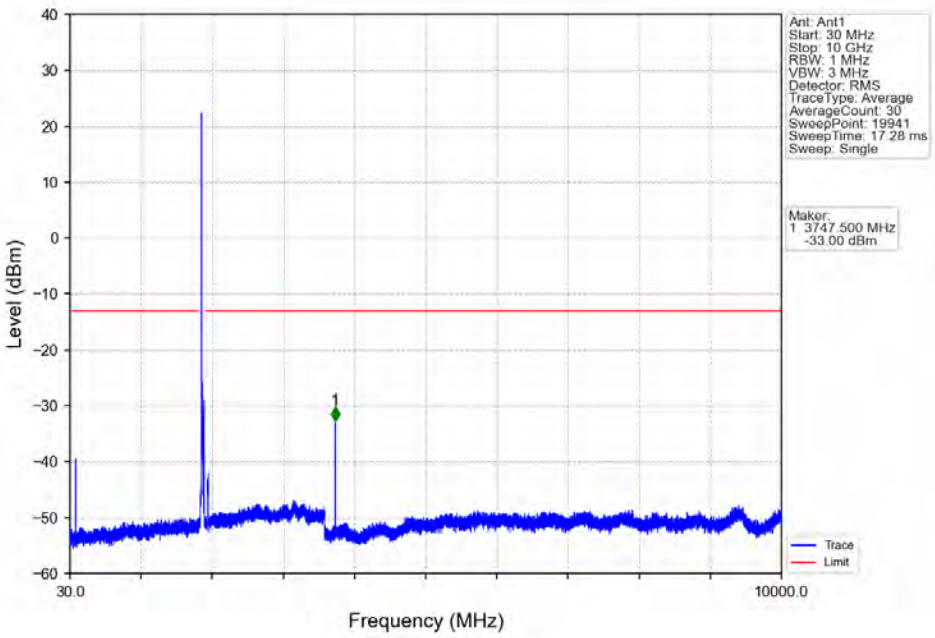


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

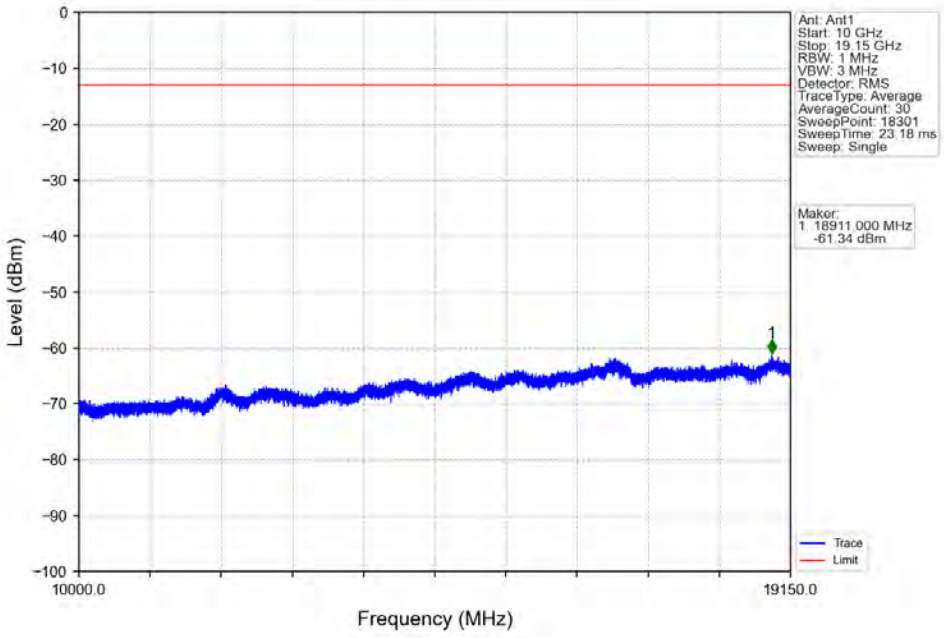


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-23.37	-13	Pass
1849	1850	0.22	/	2	1850.000	-28.02	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

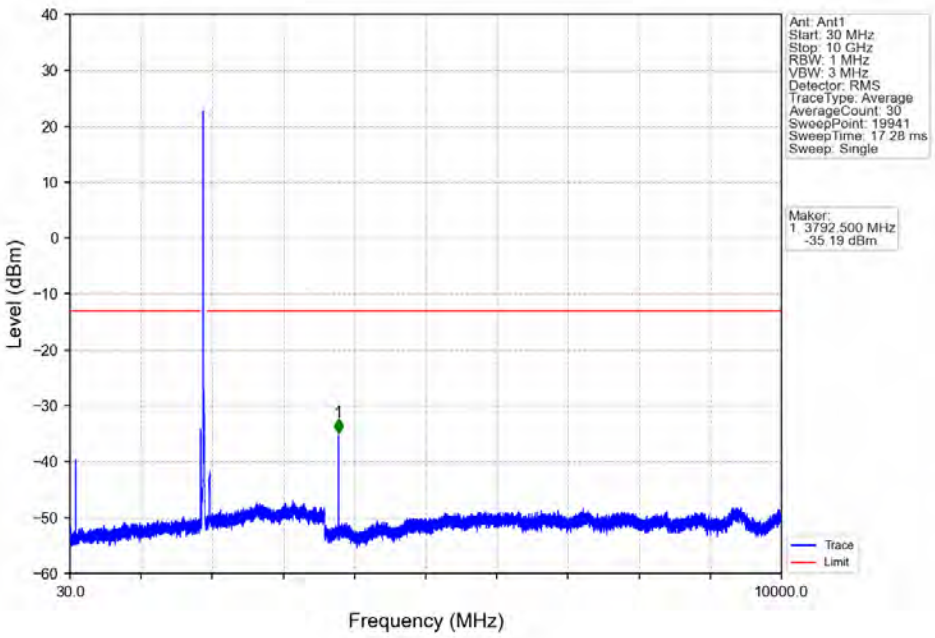
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



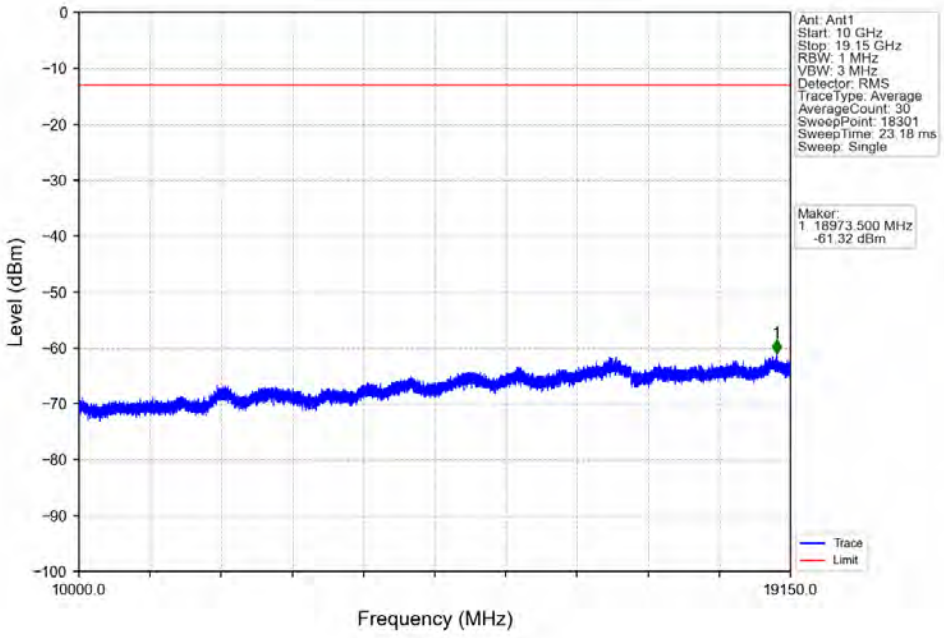
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



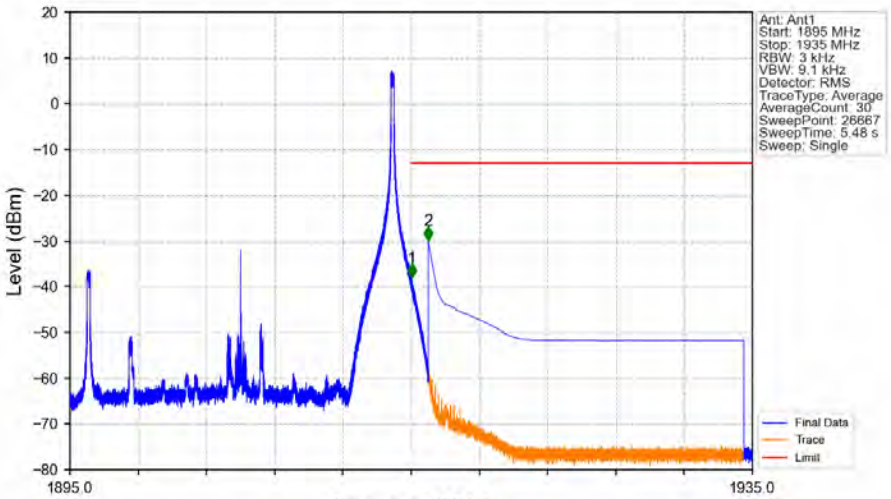
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

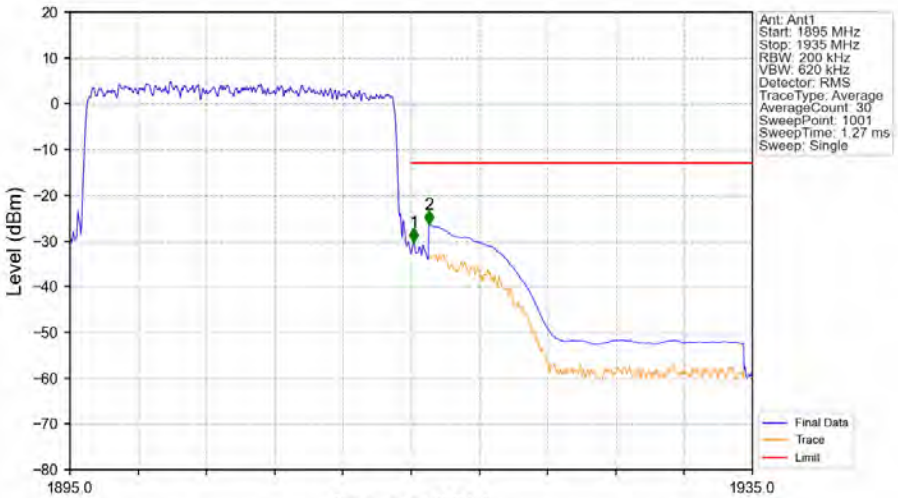


Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



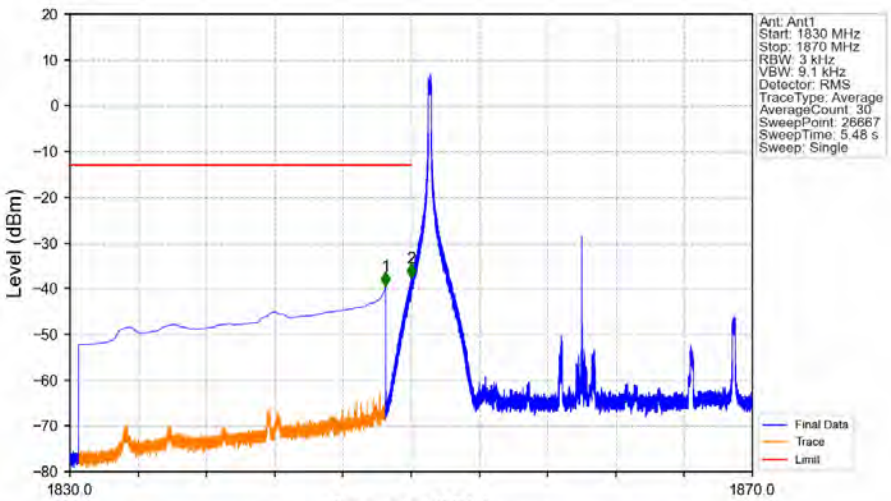
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.035	-38.09	-13	Pass
1916	1935	1	CHP	2	1916.001	-29.99	-13	Pass

Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



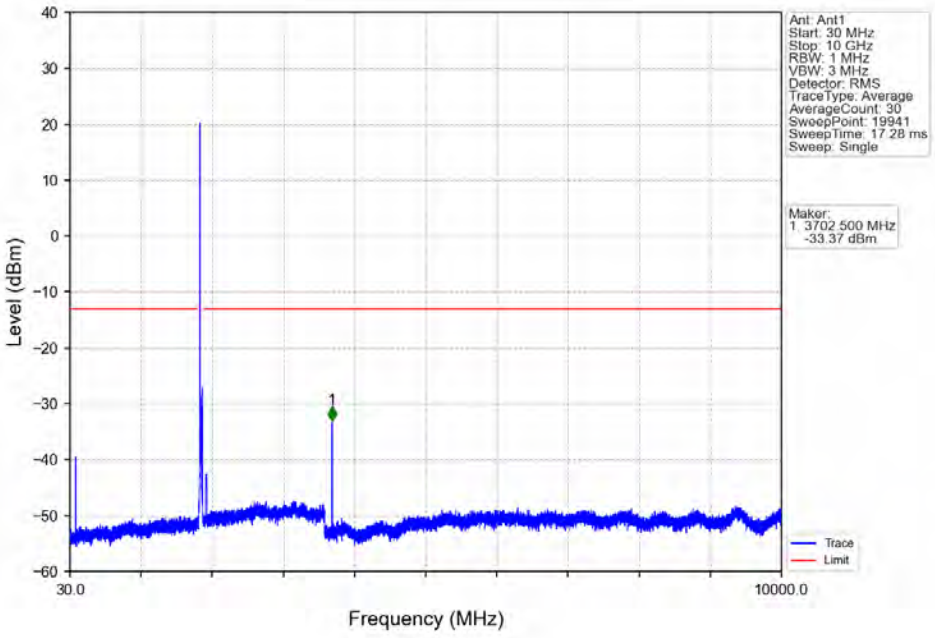
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.160	-30.24	-13	Pass
1916	1935	1	CHP	2	1916.040	-26.39	-13	Pass

Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

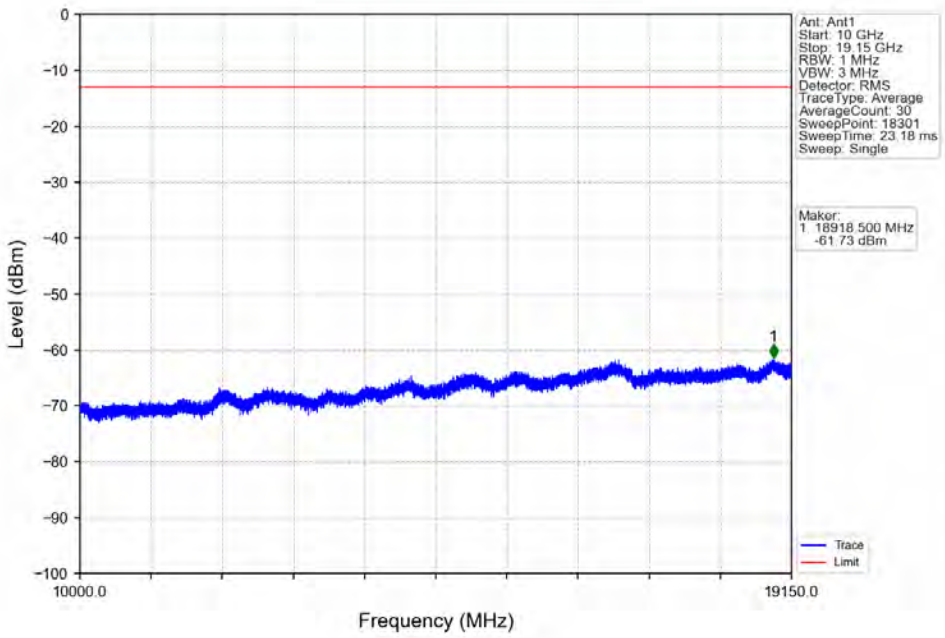


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-39.50	-13	Pass
1849	1850	0.003	/	2	1849.997	-37.72	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

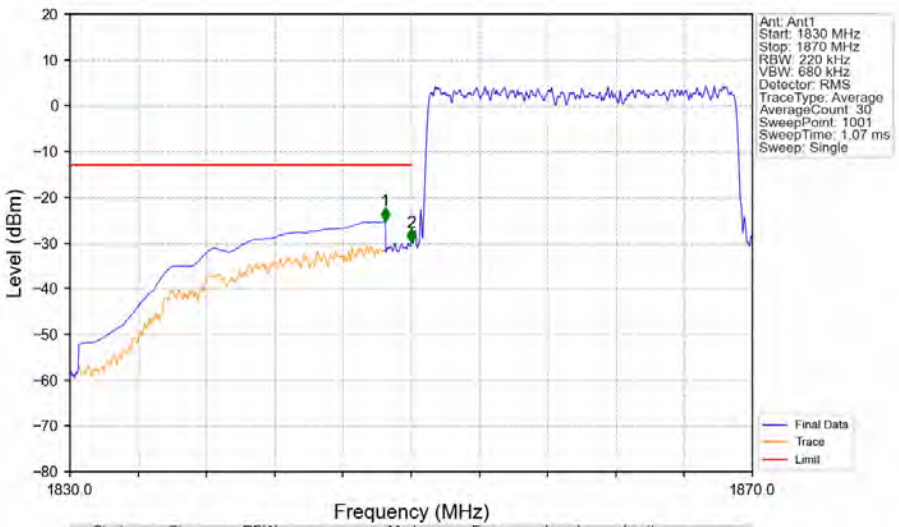
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

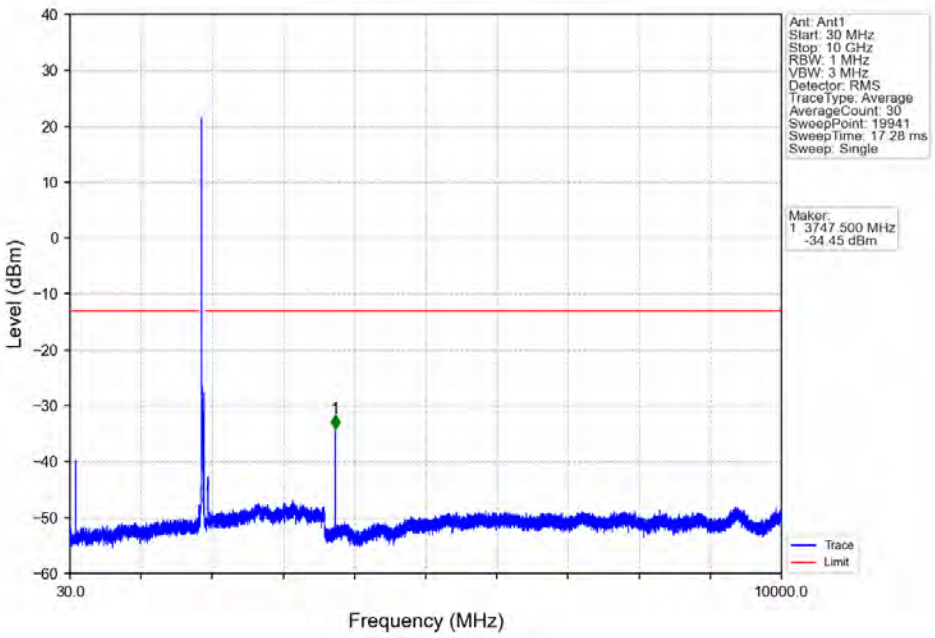


Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

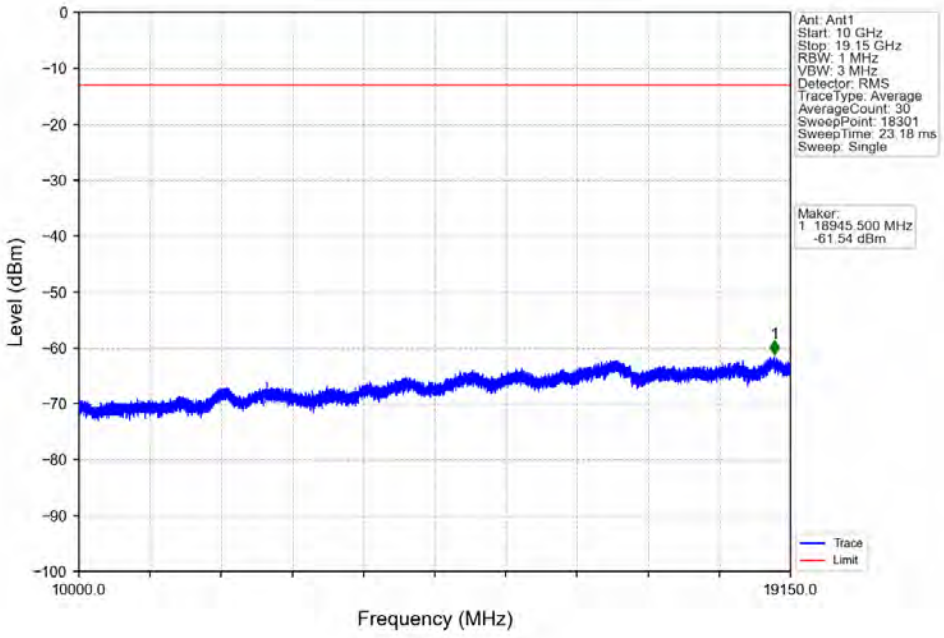


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-25.24	-13	Pass
1849	1850	0.22	/	2	1850.000	-29.86	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

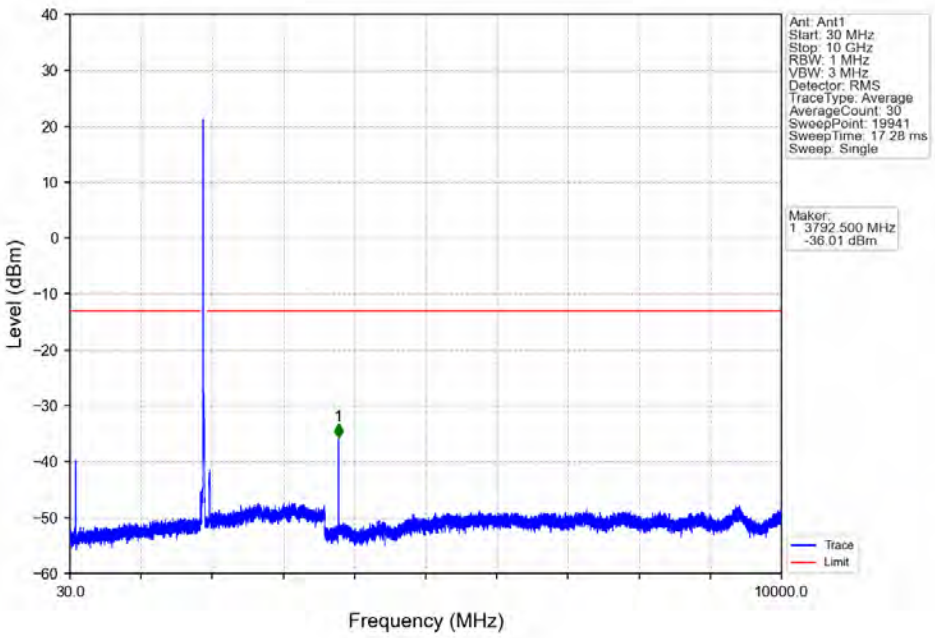
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



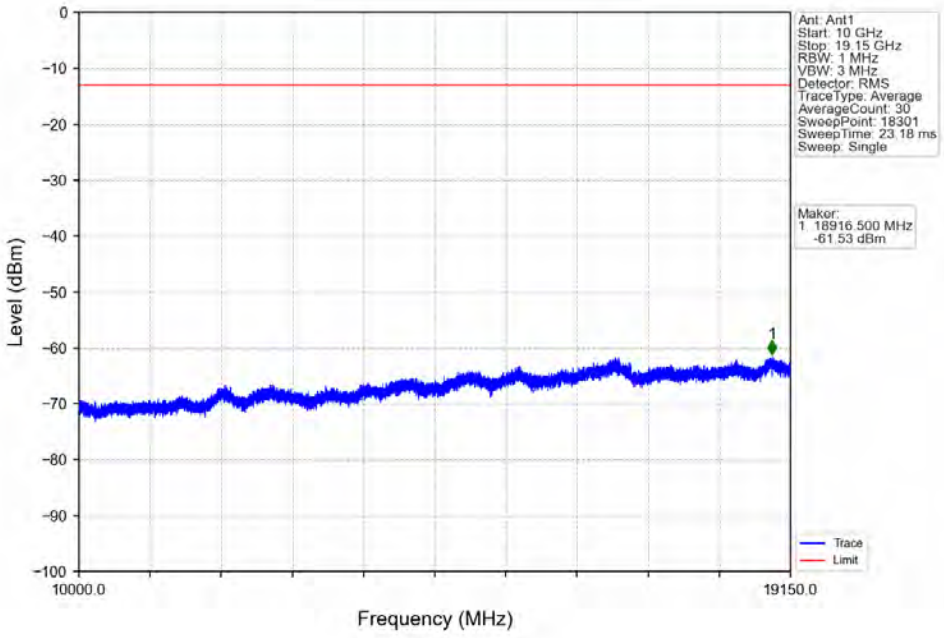
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



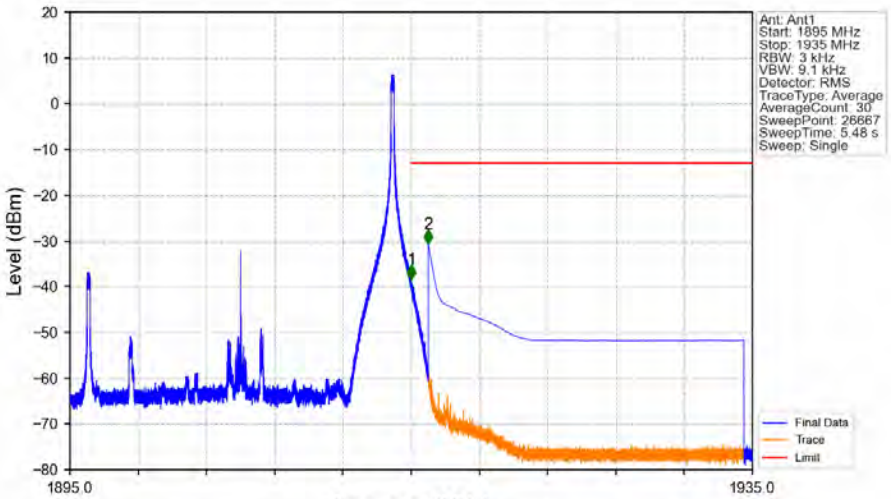
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV

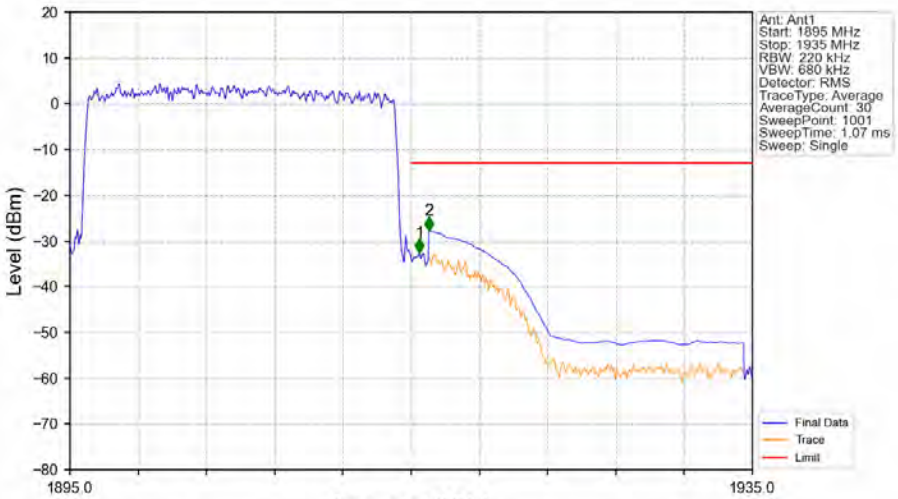


Band25_20MHz_16QAM_HCH_1905MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.020	-38.44	-13	Pass
1916	1935	1	CHP	2	1916.001	-30.67	-13	Pass

Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.22	/	/	/	/	/	/
1915	1916	0.22	/	1	1915.480	-32.63	-13	Pass
1916	1935	1	CHP	2	1916.040	-27.71	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1531	0.0059	ppm	1M13G7D	24E	21.85
25	1.4	1850.7	1914.3	0.1197	0.0048	ppm	1M12W7D	24E	20.78
25	3	1851.5	1913.5	0.1535	0.0056	ppm	2M74G7D	24E	21.86
25	3	1851.5	1913.5	0.1321	0.0073	ppm	2M75W7D	24E	21.21
25	5	1852.5	1912.5	0.1493	0.0045	ppm	4M57G7D	24E	21.74
25	5	1852.5	1912.5	0.1208	0.0034	ppm	4M57W7D	24E	20.82
25	10	1855	1910	0.1521	0.0029	ppm	9M07G7D	24E	21.82
25	10	1855	1910	0.1330	0.0024	ppm	9M08W7D	24E	21.24
25	15	1857.5	1907.5	0.1466	0.0030	ppm	13M6G7D	24E	21.66
25	15	1857.5	1907.5	0.1291	0.0029	ppm	13M6W7D	24E	21.11
25	20	1860	1905	0.1524	0.0016	ppm	18M2G7D	24E	21.83
25	20	1860	1905	0.1312	0.0020	ppm	18M2W7D	24E	21.18

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1730	0.0059	ppm	1M13G7D	24E	22.38
25	1.4	1850.7	1914.3	0.1352	0.0048	ppm	1M12W7D	24E	21.31
25	3	1851.5	1913.5	0.1734	0.0056	ppm	2M74G7D	24E	22.39
25	3	1851.5	1913.5	0.1493	0.0073	ppm	2M75W7D	24E	21.74
25	5	1852.5	1912.5	0.1687	0.0045	ppm	4M57G7D	24E	22.27
25	5	1852.5	1912.5	0.1365	0.0034	ppm	4M57W7D	24E	21.35
25	10	1855	1910	0.1718	0.0029	ppm	9M07G7D	24E	22.35
25	10	1855	1910	0.1503	0.0024	ppm	9M08W7D	24E	21.77
25	15	1857.5	1907.5	0.1656	0.0030	ppm	13M6G7D	24E	22.19
25	15	1857.5	1907.5	0.1459	0.0029	ppm	13M6W7D	24E	21.64
25	20	1860	1905	0.1722	0.0016	ppm	18M2G7D	24E	22.36
25	20	1860	1905	0.1483	0.0020	ppm	18M2W7D	24E	21.71