

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	20.88	0.7	21.58	<=33.01	Pass
			2	20.94	0.7	21.64	<=33.01	Pass
			5	20.84	0.7	21.54	<=33.01	Pass
		3	0	20.91	0.7	21.61	<=33.01	Pass
			2	20.94	0.7	21.64	<=33.01	Pass
			3	20.91	0.7	21.61	<=33.01	Pass
		6	0	19.85	0.7	20.55	<=33.01	Pass
	1882.5	1	0	20.89	0.7	21.59	<=33.01	Pass
			2	20.99	0.7	21.69	<=33.01	Pass
			5	20.87	0.7	21.57	<=33.01	Pass
		3	0	20.99	0.7	21.69	<=33.01	Pass
			2	21.02	0.7	21.72	<=33.01	Pass
			3	20.99	0.7	21.69	<=33.01	Pass
	6	0	19.98	0.7	20.68	<=33.01	Pass	
	1914.3	1	0	21.31	0.7	22.01	<=33.01	Pass
			2	21.45	0.7	22.15	<=33.01	Pass
			5	21.36	0.7	22.06	<=33.01	Pass
		3	0	21.27	0.7	21.97	<=33.01	Pass
			2	21.31	0.7	22.01	<=33.01	Pass
			3	21.27	0.7	21.97	<=33.01	Pass
		6	0	20.43	0.7	21.13	<=33.01	Pass
16QAM	1850.7	1	0	19.82	0.7	20.52	<=33.01	Pass
			2	19.93	0.7	20.63	<=33.01	Pass
			5	19.90	0.7	20.6	<=33.01	Pass
		3	0	19.99	0.7	20.69	<=33.01	Pass
			2	20.00	0.7	20.7	<=33.01	Pass
			3	19.97	0.7	20.67	<=33.01	Pass
		6	0	18.88	0.7	19.58	<=33.01	Pass
	1882.5	1	0	19.91	0.7	20.61	<=33.01	Pass
			2	20.02	0.7	20.72	<=33.01	Pass
			5	20.00	0.7	20.7	<=33.01	Pass
		3	0	20.07	0.7	20.77	<=33.01	Pass
			2	20.08	0.7	20.78	<=33.01	Pass
			3	20.04	0.7	20.74	<=33.01	Pass
	6	0	18.96	0.7	19.66	<=33.01	Pass	
	1914.3	1	0	20.29	0.7	20.99	<=33.01	Pass
			2	20.42	0.7	21.12	<=33.01	Pass
			5	20.33	0.7	21.03	<=33.01	Pass
		3	0	20.11	0.7	20.81	<=33.01	Pass
			2	20.11	0.7	20.81	<=33.01	Pass
			3	20.18	0.7	20.88	<=33.01	Pass
		6	0	19.37	0.7	20.07	<=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	21.01	0.7	21.71	<=33.01	Pass
			7	21.12	0.7	21.82	<=33.01	Pass
			14	20.96	0.7	21.66	<=33.01	Pass
		8	0	19.97	0.7	20.67	<=33.01	Pass
			4	19.94	0.7	20.64	<=33.01	Pass
			7	19.89	0.7	20.59	<=33.01	Pass
		15	0	19.91	0.7	20.61	<=33.01	Pass
	1882.5	1	0	21.05	0.7	21.75	<=33.01	Pass
			7	21.23	0.7	21.93	<=33.01	Pass
			14	21.06	0.7	21.76	<=33.01	Pass
		8	0	20.07	0.7	20.77	<=33.01	Pass
			4	20.10	0.7	20.8	<=33.01	Pass
			7	20.03	0.7	20.73	<=33.01	Pass
		15	0	20.03	0.7	20.73	<=33.01	Pass
	1913.5	1	0	21.37	0.7	22.07	<=33.01	Pass
			7	21.53	0.7	22.23	<=33.01	Pass
			14	21.52	0.7	22.22	<=33.01	Pass
		8	0	20.36	0.7	21.06	<=33.01	Pass
			4	20.47	0.7	21.17	<=33.01	Pass
			7	20.46	0.7	21.16	<=33.01	Pass
		15	0	20.37	0.7	21.07	<=33.01	Pass
16QAM	1851.5	1	0	20.01	0.7	20.71	<=33.01	Pass
			7	20.06	0.7	20.76	<=33.01	Pass
			14	19.94	0.7	20.64	<=33.01	Pass
		8	0	19.10	0.7	19.8	<=33.01	Pass
			4	19.09	0.7	19.79	<=33.01	Pass
			7	19.05	0.7	19.75	<=33.01	Pass
		15	0	19.06	0.7	19.76	<=33.01	Pass
	1882.5	1	0	20.19	0.7	20.89	<=33.01	Pass
			7	20.35	0.7	21.05	<=33.01	Pass
			14	20.19	0.7	20.89	<=33.01	Pass
		8	0	19.12	0.7	19.82	<=33.01	Pass
			4	19.15	0.7	19.85	<=33.01	Pass
			7	19.08	0.7	19.78	<=33.01	Pass
		15	0	19.09	0.7	19.79	<=33.01	Pass
	1913.5	1	0	20.74	0.7	21.44	<=33.01	Pass
			7	20.85	0.7	21.55	<=33.01	Pass
			14	20.73	0.7	21.43	<=33.01	Pass
		8	0	19.52	0.7	20.22	<=33.01	Pass
			4	19.61	0.7	20.31	<=33.01	Pass
			7	19.58	0.7	20.28	<=33.01	Pass
		15	0	19.45	0.7	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 / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	20.81	0.7	21.51	<=33.01	Pass
			13	20.91	0.7	21.61	<=33.01	Pass
			24	20.74	0.7	21.44	<=33.01	Pass
		12	0	19.83	0.7	20.53	<=33.01	Pass
			6	19.83	0.7	20.53	<=33.01	Pass
			13	19.73	0.7	20.43	<=33.01	Pass
		25	0	19.81	0.7	20.51	<=33.01	Pass
	1882.5	1	0	20.89	0.7	21.59	<=33.01	Pass
			13	21.04	0.7	21.74	<=33.01	Pass
			24	20.89	0.7	21.59	<=33.01	Pass
		12	0	19.94	0.7	20.64	<=33.01	Pass
			6	19.98	0.7	20.68	<=33.01	Pass
			13	19.89	0.7	20.59	<=33.01	Pass
		25	0	19.95	0.7	20.65	<=33.01	Pass
	1912.5	1	0	21.10	0.7	21.8	<=33.01	Pass
			13	21.29	0.7	21.99	<=33.01	Pass
			24	21.32	0.7	22.02	<=33.01	Pass
		12	0	20.15	0.7	20.85	<=33.01	Pass
			6	20.24	0.7	20.94	<=33.01	Pass
			13	20.26	0.7	20.96	<=33.01	Pass
		25	0	20.19	0.7	20.89	<=33.01	Pass
16QAM	1852.5	1	0	19.90	0.7	20.6	<=33.01	Pass
			13	19.96	0.7	20.66	<=33.01	Pass
			24	19.83	0.7	20.53	<=33.01	Pass
		12	0	18.94	0.7	19.64	<=33.01	Pass
			6	18.92	0.7	19.62	<=33.01	Pass
			13	18.83	0.7	19.53	<=33.01	Pass
		25	0	18.91	0.7	19.61	<=33.01	Pass
	1882.5	1	0	20.13	0.7	20.83	<=33.01	Pass
			13	20.25	0.7	20.95	<=33.01	Pass
			24	20.15	0.7	20.85	<=33.01	Pass
		12	0	19.12	0.7	19.82	<=33.01	Pass
			6	19.13	0.7	19.83	<=33.01	Pass
	25	0	19.01	0.7	19.71	<=33.01	Pass	
	1912.5	1	0	19.93	0.7	20.63	<=33.01	Pass
			13	20.06	0.7	20.76	<=33.01	Pass
			24	20.03	0.7	20.73	<=33.01	Pass
		12	0	19.23	0.7	19.93	<=33.01	Pass
			6	19.31	0.7	20.01	<=33.01	Pass
25		0	19.31	0.7	20.01	<=33.01	Pass	
25	0	19.28	0.7	19.98	<=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	20.85	0.7	21.55	<=33.01	Pass
			25	21.05	0.7	21.75	<=33.01	Pass
			49	20.75	0.7	21.45	<=33.01	Pass
		25	0	19.94	0.7	20.64	<=33.01	Pass
			13	19.84	0.7	20.54	<=33.01	Pass
			25	19.79	0.7	20.49	<=33.01	Pass
		50	0	19.93	0.7	20.63	<=33.01	Pass
	1882.5	1	0	20.90	0.7	21.6	<=33.01	Pass
			25	21.26	0.7	21.96	<=33.01	Pass
			49	20.88	0.7	21.58	<=33.01	Pass
		25	0	20.07	0.7	20.77	<=33.01	Pass
			13	20.04	0.7	20.74	<=33.01	Pass
			25	19.98	0.7	20.68	<=33.01	Pass
		50	0	20.07	0.7	20.77	<=33.01	Pass
	1910	1	0	20.97	0.7	21.67	<=33.01	Pass
			25	21.42	0.7	22.12	<=33.01	Pass
			49	21.38	0.7	22.08	<=33.01	Pass
		25	0	20.26	0.7	20.96	<=33.01	Pass
			13	20.26	0.7	20.96	<=33.01	Pass
			25	20.31	0.7	21.01	<=33.01	Pass
		50	0	20.29	0.7	20.99	<=33.01	Pass
16QAM	1855	1	0	19.80	0.7	20.5	<=33.01	Pass
			25	19.99	0.7	20.69	<=33.01	Pass
			49	19.68	0.7	20.38	<=33.01	Pass
		25	0	19.10	0.7	19.8	<=33.01	Pass
			13	19.00	0.7	19.7	<=33.01	Pass
			25	18.94	0.7	19.64	<=33.01	Pass
		50	0	19.01	0.7	19.71	<=33.01	Pass
	1882.5	1	0	20.04	0.7	20.74	<=33.01	Pass
			25	20.32	0.7	21.02	<=33.01	Pass
			49	20.04	0.7	20.74	<=33.01	Pass
		25	0	19.18	0.7	19.88	<=33.01	Pass
			13	19.14	0.7	19.84	<=33.01	Pass
			25	19.08	0.7	19.78	<=33.01	Pass
		50	0	19.12	0.7	19.82	<=33.01	Pass
	1910	1	0	20.49	0.7	21.19	<=33.01	Pass
			25	20.79	0.7	21.49	<=33.01	Pass
			49	20.63	0.7	21.33	<=33.01	Pass
		25	0	19.40	0.7	20.1	<=33.01	Pass
			13	19.36	0.7	20.06	<=33.01	Pass
			25	19.42	0.7	20.12	<=33.01	Pass
		50	0	19.38	0.7	20.08	<=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	20.68	0.7	21.38	<=33.01	Pass	
			38	20.81	0.7	21.51	<=33.01	Pass	
			74	20.61	0.7	21.31	<=33.01	Pass	
		36	0	19.84	0.7	20.54	<=33.01	Pass	
			18	19.83	0.7	20.53	<=33.01	Pass	
			39	19.84	0.7	20.54	<=33.01	Pass	
		75	0	19.89	0.7	20.59	<=33.01	Pass	
		1882.5	1	0	20.76	0.7	21.46	<=33.01	Pass
				38	20.98	0.7	21.68	<=33.01	Pass
	74			20.76	0.7	21.46	<=33.01	Pass	
	36		0	20.03	0.7	20.73	<=33.01	Pass	
			18	20.00	0.7	20.7	<=33.01	Pass	
			39	19.92	0.7	20.62	<=33.01	Pass	
	75	0	20.04	0.7	20.74	<=33.01	Pass		
	1907.5	1	0	20.81	0.7	21.51	<=33.01	Pass	
			38	21.10	0.7	21.8	<=33.01	Pass	
			74	21.21	0.7	21.91	<=33.01	Pass	
		36	0	20.12	0.7	20.82	<=33.01	Pass	
			18	20.11	0.7	20.81	<=33.01	Pass	
			39	20.24	0.7	20.94	<=33.01	Pass	
		75	0	20.22	0.7	20.92	<=33.01	Pass	
16QAM		1857.5	1	0	20.09	0.7	20.79	<=33.01	Pass
				38	20.14	0.7	20.84	<=33.01	Pass
	74			19.78	0.7	20.48	<=33.01	Pass	
	36		0	18.90	0.7	19.6	<=33.01	Pass	
			18	18.84	0.7	19.54	<=33.01	Pass	
			39	18.89	0.7	19.59	<=33.01	Pass	
	75		0	18.85	0.7	19.55	<=33.01	Pass	
	1882.5		1	0	19.85	0.7	20.55	<=33.01	Pass
				38	20.14	0.7	20.84	<=33.01	Pass
		74		19.90	0.7	20.6	<=33.01	Pass	
		36	0	19.11	0.7	19.81	<=33.01	Pass	
			18	19.09	0.7	19.79	<=33.01	Pass	
			39	19.01	0.7	19.71	<=33.01	Pass	
	75	0	19.06	0.7	19.76	<=33.01	Pass		
	1907.5	1	0	20.09	0.7	20.79	<=33.01	Pass	
			38	20.66	0.7	21.36	<=33.01	Pass	
			74	20.50	0.7	21.2	<=33.01	Pass	
		36	0	19.17	0.7	19.87	<=33.01	Pass	
			18	19.21	0.7	19.91	<=33.01	Pass	
			39	19.37	0.7	20.07	<=33.01	Pass	
		75	0	19.23	0.7	19.93	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTN						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit		
QPSK	1860	1	0	20.50	0.7	21.2	<=33.01	Pass	
			50	20.91	0.7	21.61	<=33.01	Pass	
			99	20.45	0.7	21.15	<=33.01	Pass	
		50	0	19.84	0.7	20.54	<=33.01	Pass	
			25	19.72	0.7	20.42	<=33.01	Pass	
			50	19.84	0.7	20.54	<=33.01	Pass	
		100	0	19.84	0.7	20.54	<=33.01	Pass	
		1882.5	1	0	20.55	0.7	21.25	<=33.01	Pass
				50	21.14	0.7	21.84	<=33.01	Pass
	99			20.61	0.7	21.31	<=33.01	Pass	
	50		0	20.06	0.7	20.76	<=33.01	Pass	
			25	19.97	0.7	20.67	<=33.01	Pass	
			50	19.91	0.7	20.61	<=33.01	Pass	
	100		0	20.02	0.7	20.72	<=33.01	Pass	
	1905	1	0	20.57	0.7	21.27	<=33.01	Pass	
			50	21.16	0.7	21.86	<=33.01	Pass	
			99	21.06	0.7	21.76	<=33.01	Pass	
		50	0	19.91	0.7	20.61	<=33.01	Pass	
			25	20.00	0.7	20.7	<=33.01	Pass	
			50	20.11	0.7	20.81	<=33.01	Pass	
		100	0	20.03	0.7	20.73	<=33.01	Pass	
16QAM	1860	1	0	20.02	0.7	20.72	<=33.01	Pass	
			50	20.32	0.7	21.02	<=33.01	Pass	
			99	19.83	0.7	20.53	<=33.01	Pass	
		50	0	18.97	0.7	19.67	<=33.01	Pass	
			25	18.80	0.7	19.5	<=33.01	Pass	
			50	18.88	0.7	19.58	<=33.01	Pass	
		100	0	18.89	0.7	19.59	<=33.01	Pass	
		1882.5	1	0	19.68	0.7	20.38	<=33.01	Pass
				50	20.29	0.7	20.99	<=33.01	Pass
	99			19.73	0.7	20.43	<=33.01	Pass	
	50		0	19.11	0.7	19.81	<=33.01	Pass	
			25	19.03	0.7	19.73	<=33.01	Pass	
			50	18.97	0.7	19.67	<=33.01	Pass	
	100		0	19.10	0.7	19.8	<=33.01	Pass	
	1905	1	0	19.65	0.7	20.35	<=33.01	Pass	
			50	20.44	0.7	21.14	<=33.01	Pass	
			99	20.15	0.7	20.85	<=33.01	Pass	
		50	0	18.95	0.7	19.65	<=33.01	Pass	
			25	19.08	0.7	19.78	<=33.01	Pass	
			50	19.16	0.7	19.86	<=33.01	Pass	
		100	0	19.11	0.7	19.81	<=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

	1914.3	6	0	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
				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
	1882.5	15	0	50	3.85	7.553	0.0041	-2.5 to 2.5	Pass
				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
	1913.5	15	0	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
				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

16QAM	1851.5	15	0	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
				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

	1882.5	50	0	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
				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
	1910	50	0	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
				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
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

	1905	100	0	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
				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

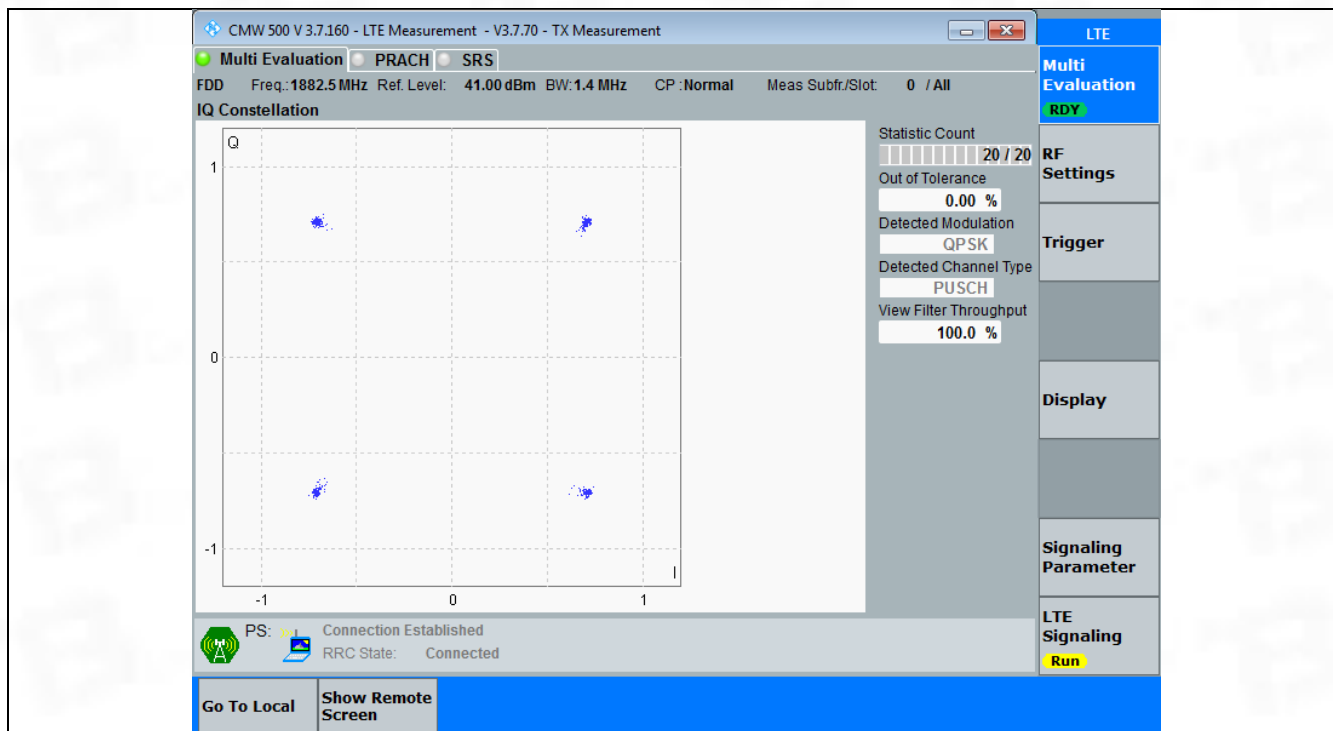
3.1 B25_1.4MHz

3.1.1 Test Result

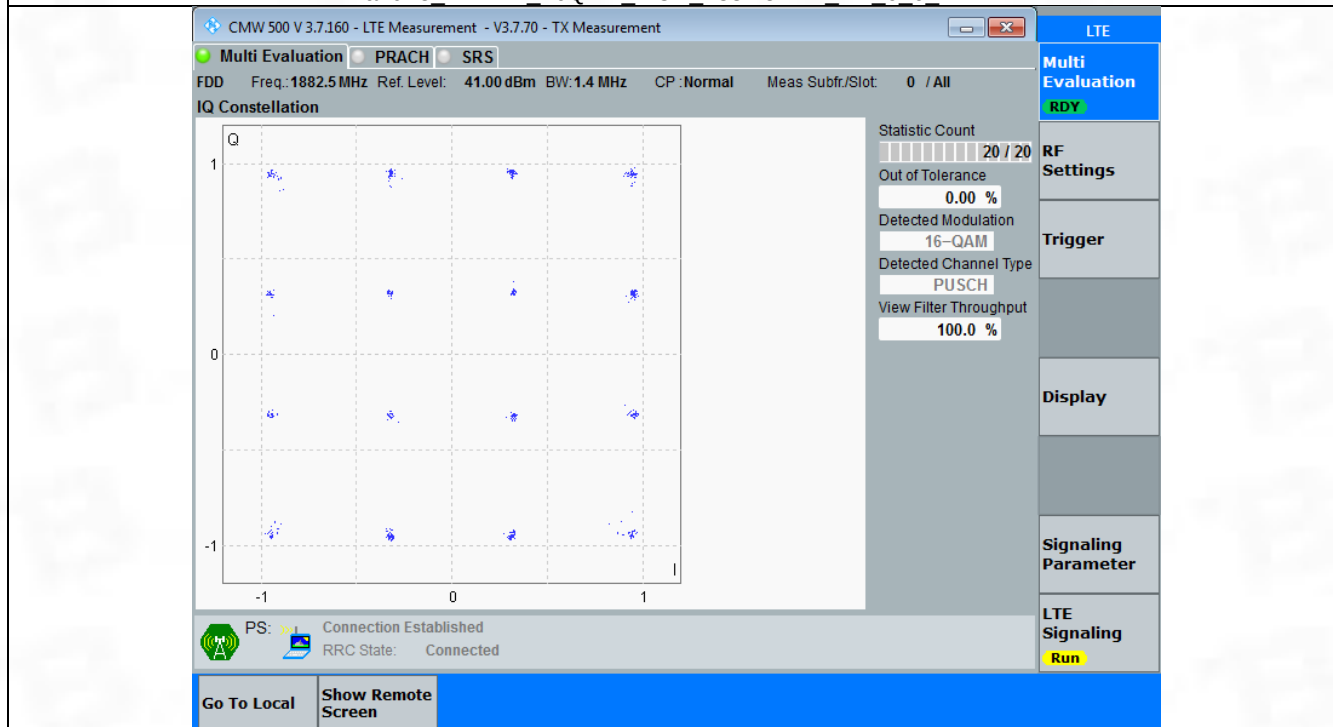
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band25 1.4MHz QPSK MCH 1882.5MHz RB 6 0 NTNV
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

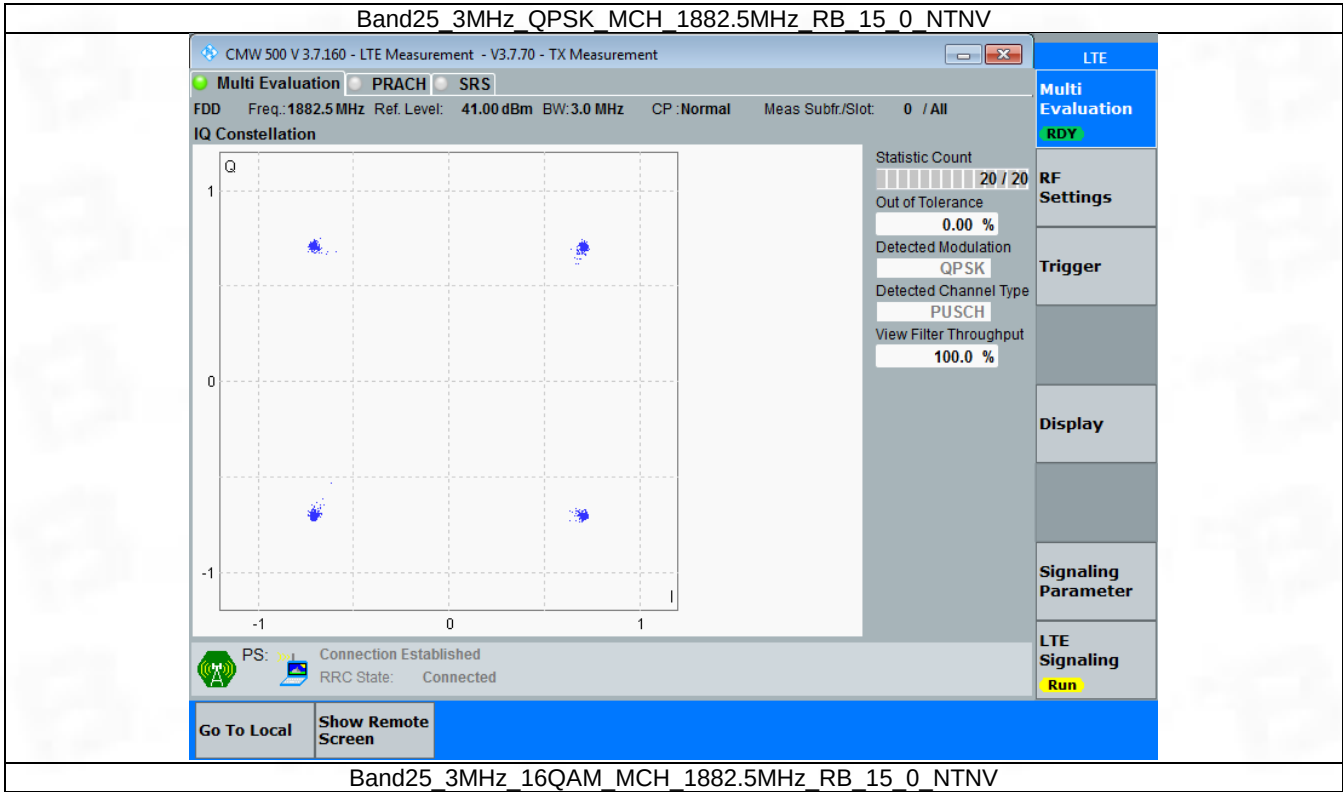


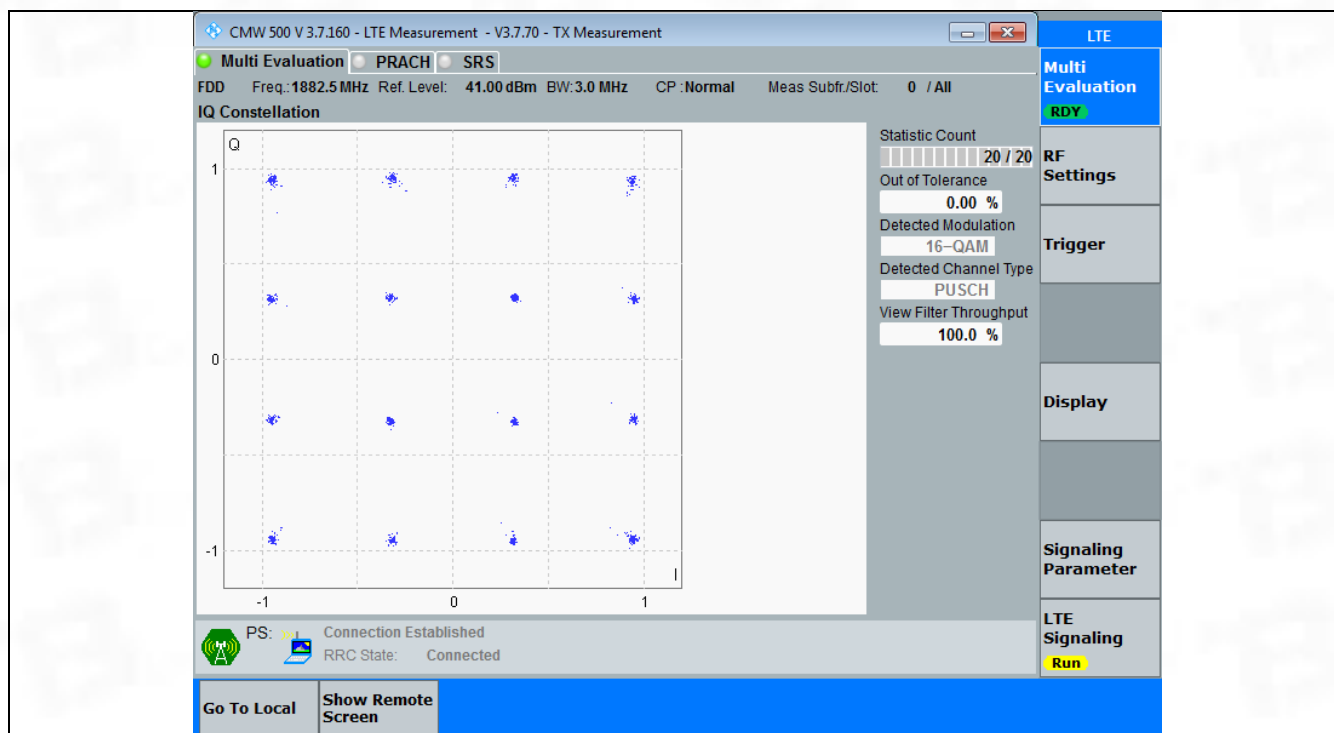
3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
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





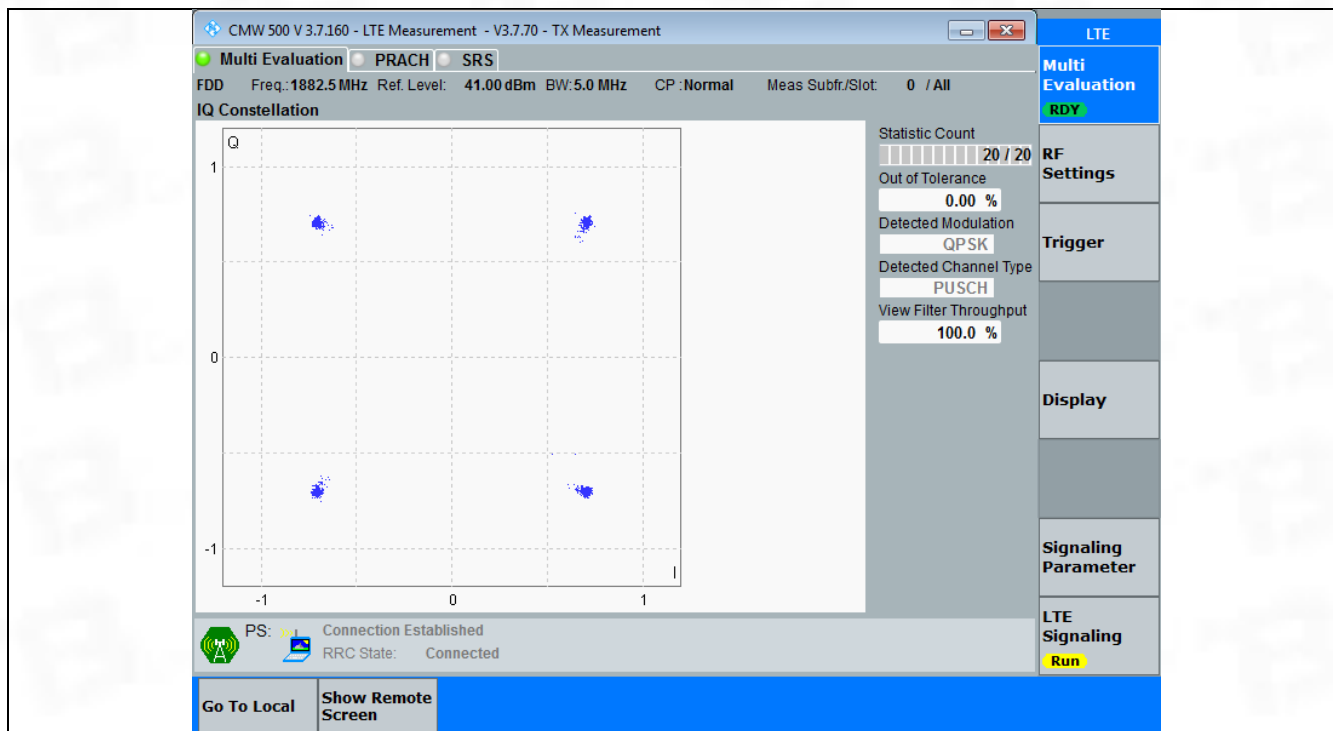
3.3 B25_5MHz

3.3.1 Test Result

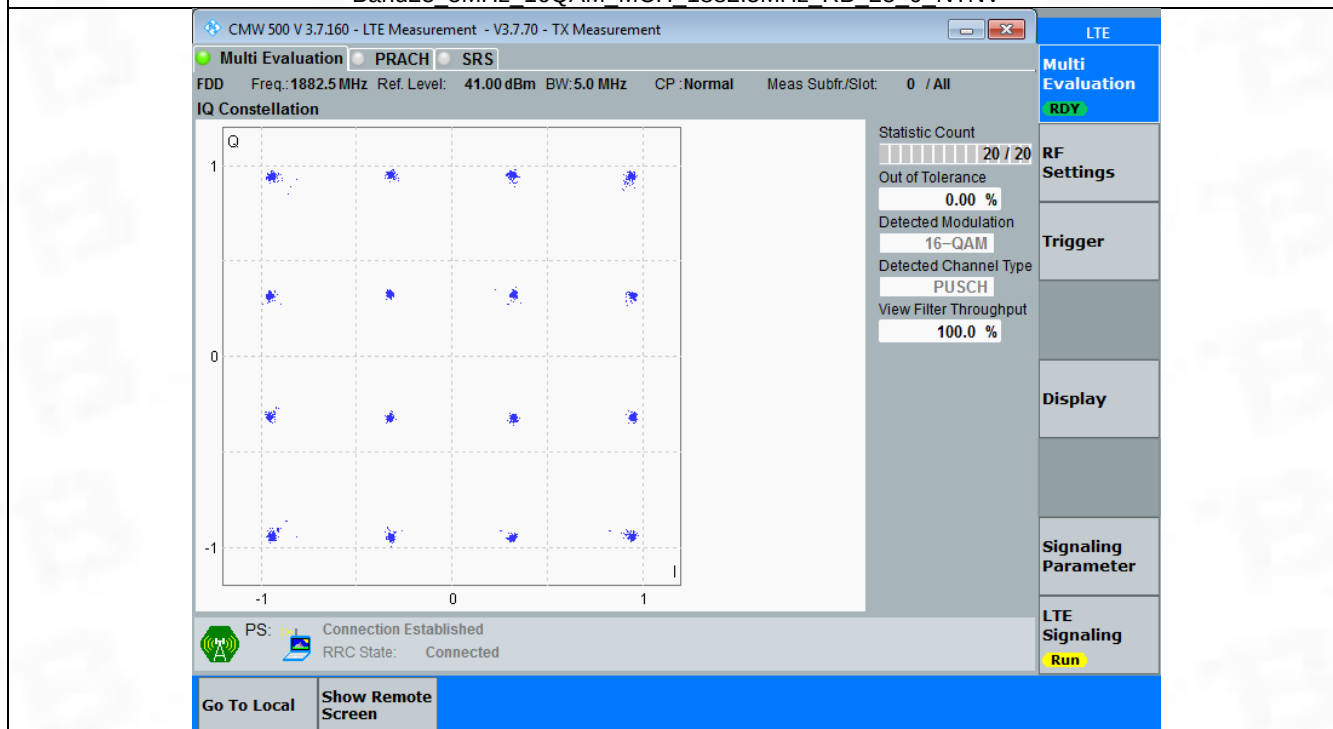
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTV
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Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

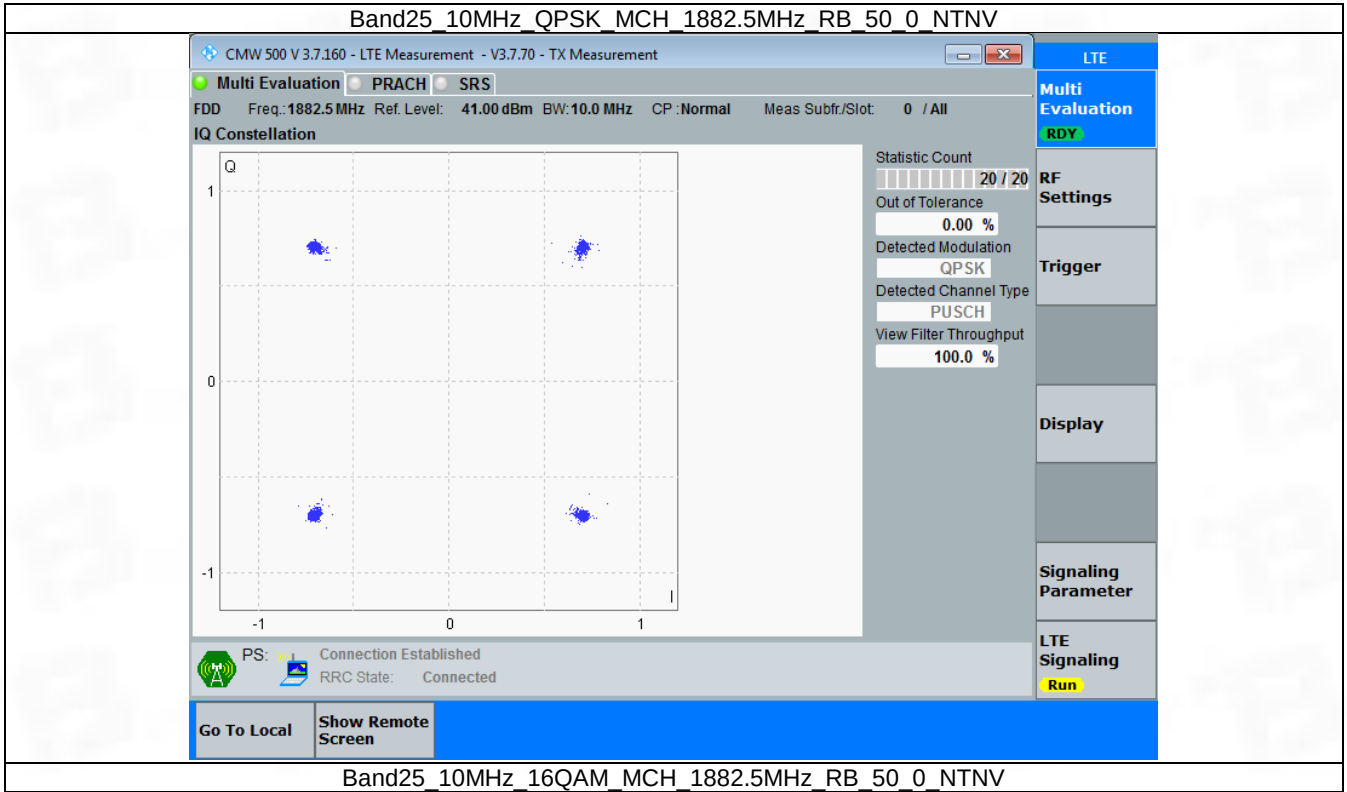


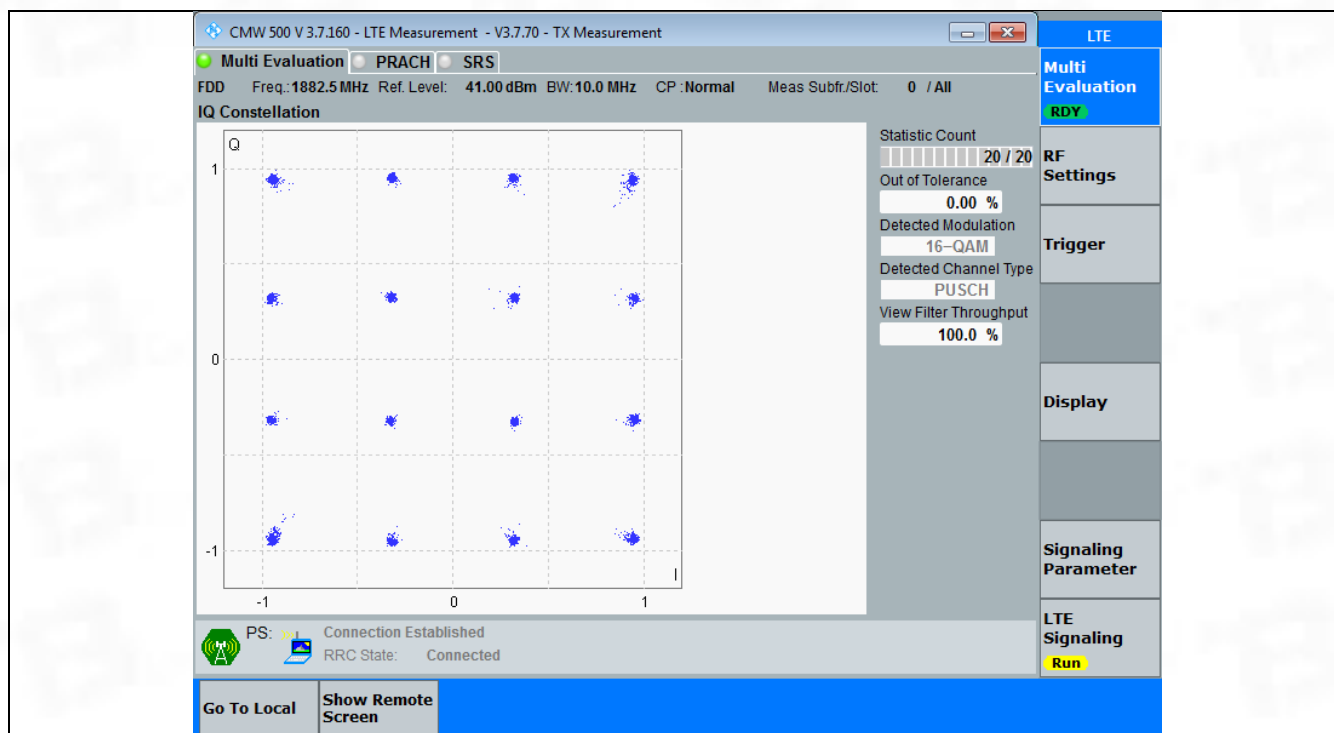
3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
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





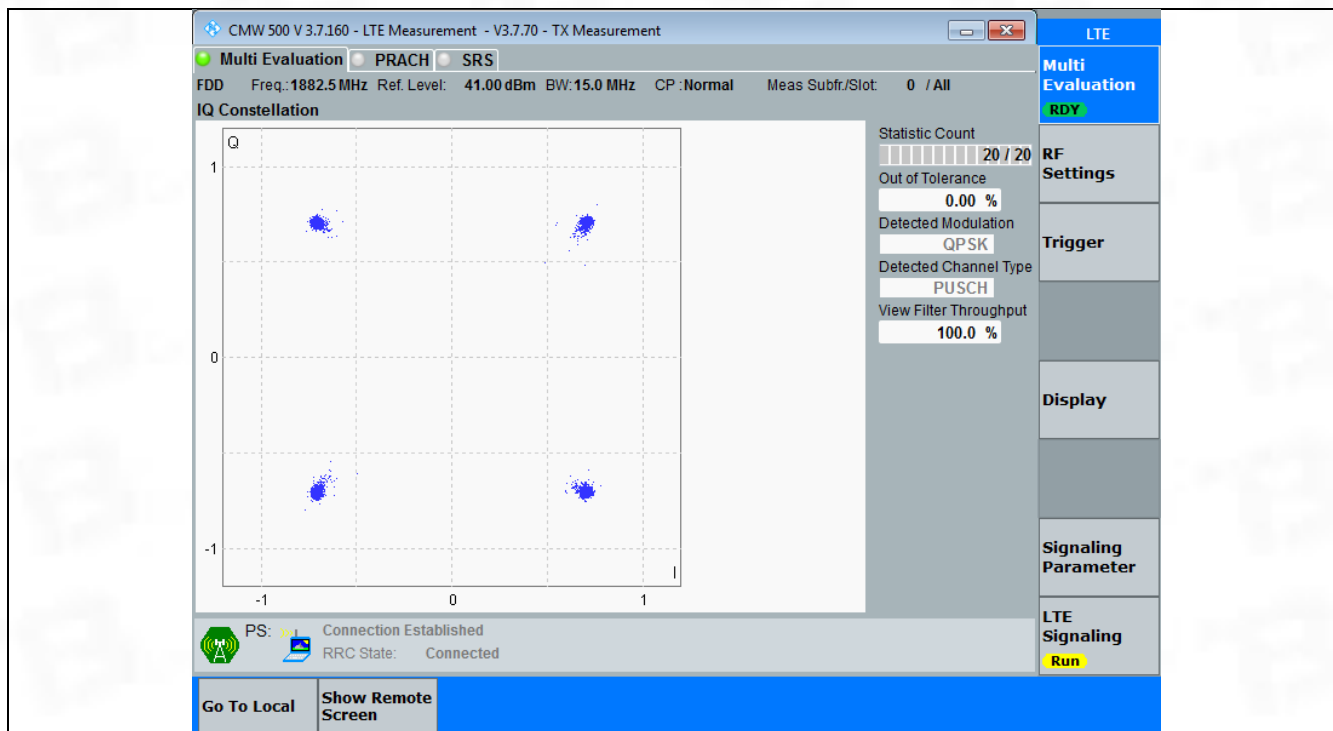
3.5 B25_15MHz

3.5.1 Test Result

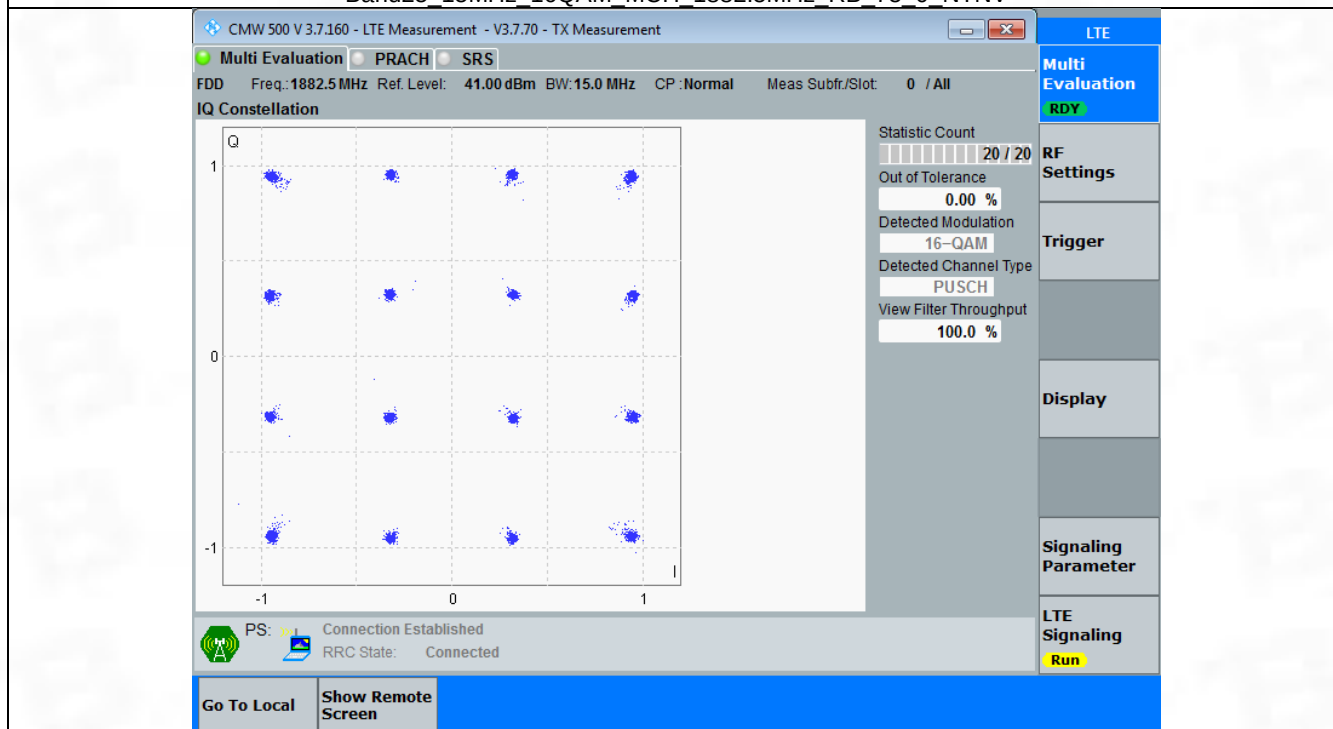
Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

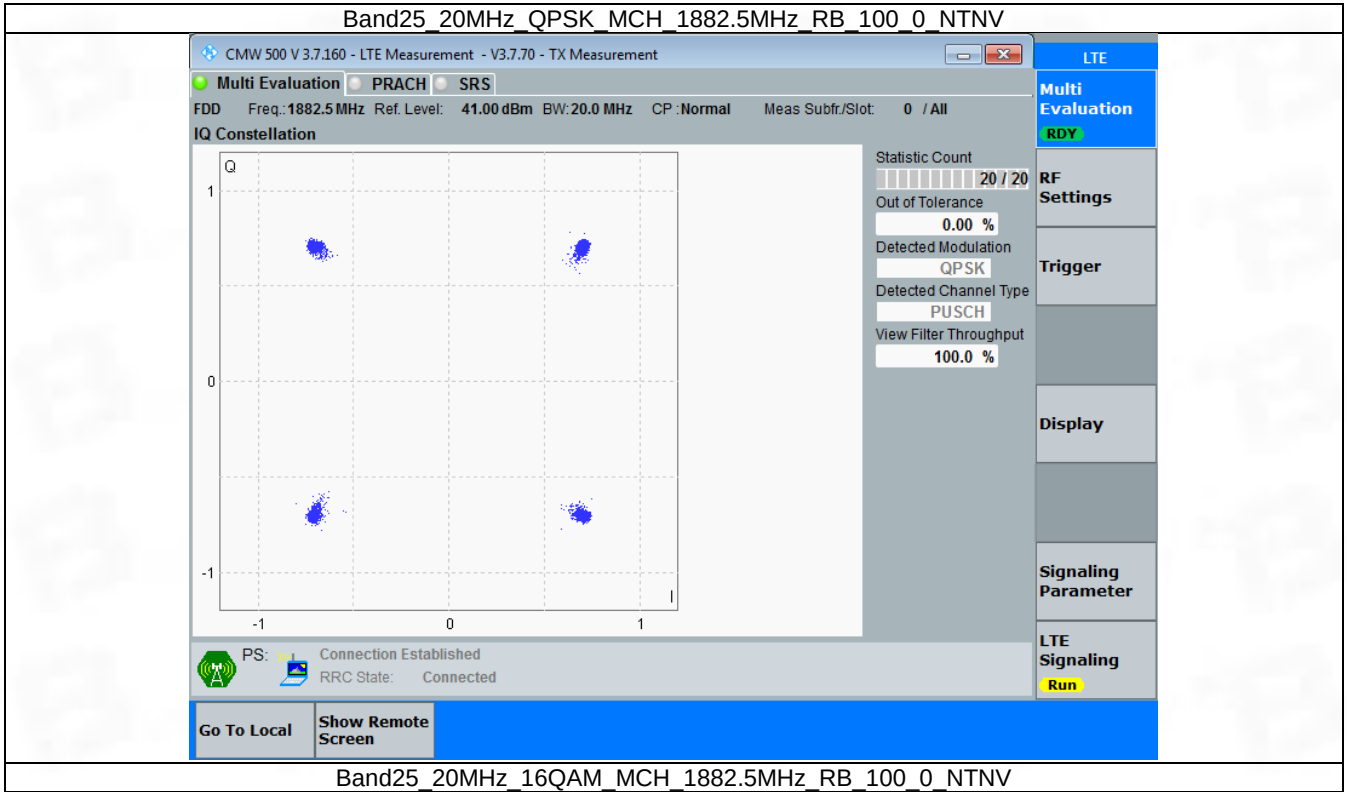


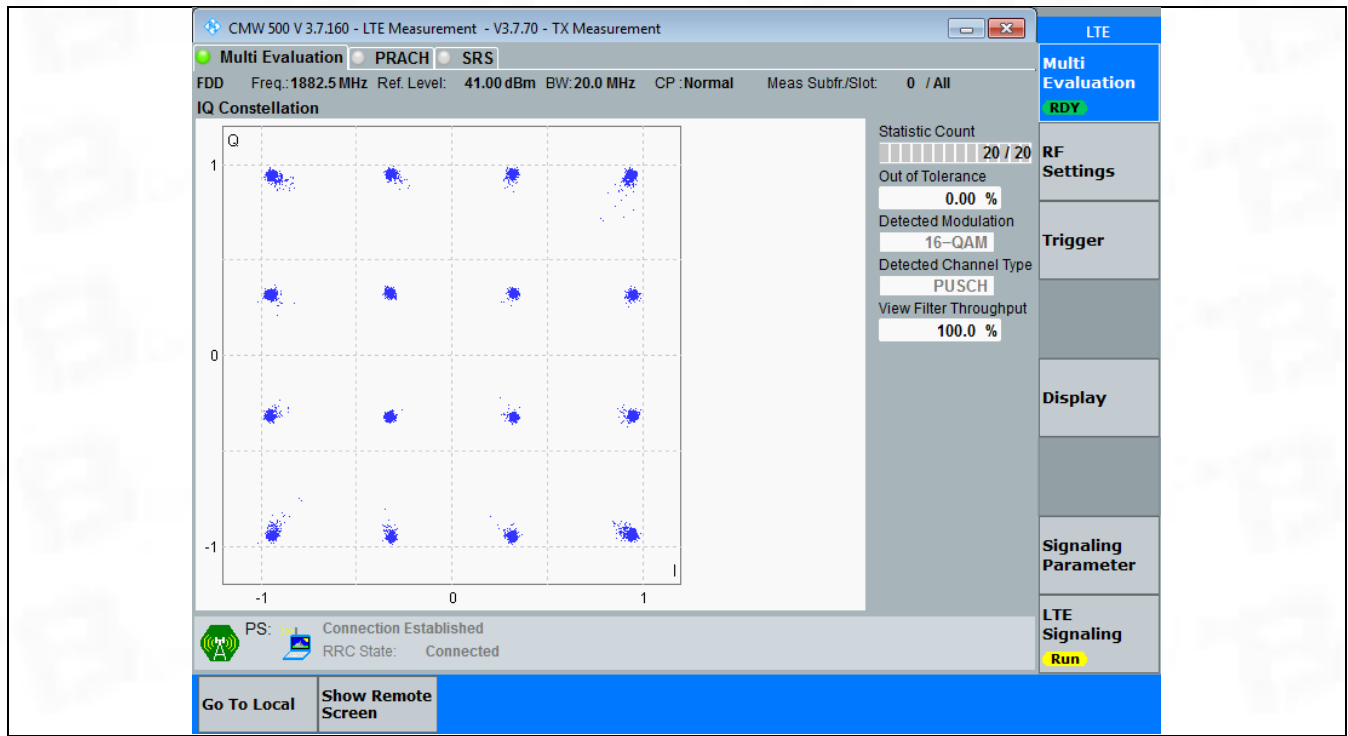
3.6 B25_20MHz

3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
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





4. 99% & 26dB Bandwidth

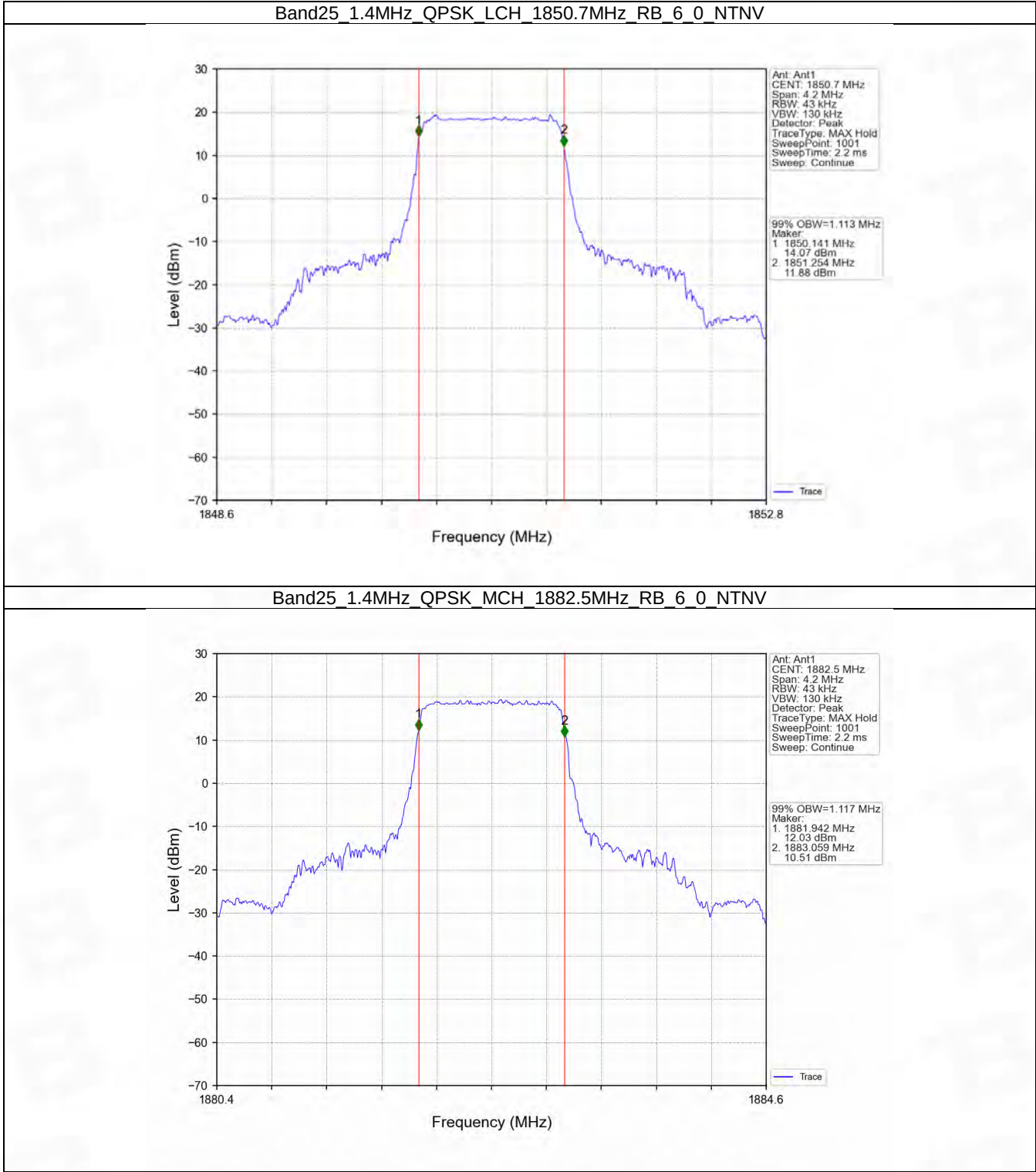
4.1 Band25_OBW

4.1.1 Test Result

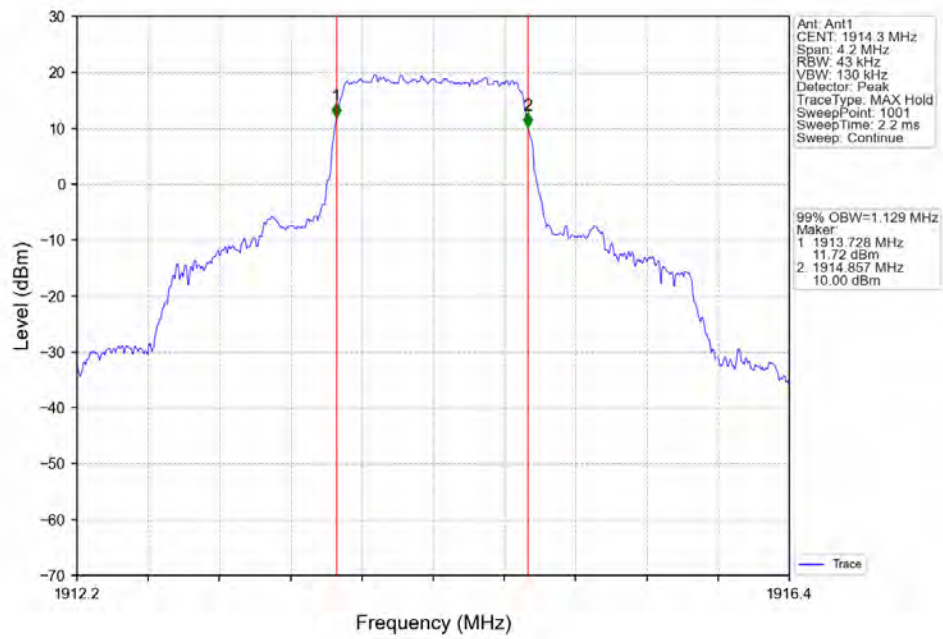
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.113	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.129	Pass
	16QAM	1850.7	6	0	1.117	Pass
		1882.5	6	0	1.104	Pass
		1914.3	6	0	1.119	Pass
3	QPSK	1851.5	15	0	2.734	Pass
		1882.5	15	0	2.730	Pass
		1913.5	15	0	2.738	Pass
	16QAM	1851.5	15	0	2.746	Pass
		1882.5	15	0	2.733	Pass
		1913.5	15	0	2.737	Pass
5	QPSK	1852.5	25	0	4.571	Pass
		1882.5	25	0	4.538	Pass
		1912.5	25	0	4.556	Pass
	16QAM	1852.5	25	0	4.536	Pass
		1882.5	25	0	4.568	Pass

		1912.5	25	0	4.569	Pass
10	QPSK	1855	50	0	9.056	Pass
		1882.5	50	0	9.074	Pass
		1910	50	0	9.067	Pass
		1855	50	0	9.067	Pass
	16QAM	1882.5	50	0	9.082	Pass
		1910	50	0	9.053	Pass
15	QPSK	1857.5	75	0	13.615	Pass
		1882.5	75	0	13.584	Pass
		1907.5	75	0	13.597	Pass
	16QAM	1857.5	75	0	13.612	Pass
		1882.5	75	0	13.621	Pass
		1907.5	75	0	13.614	Pass
20	QPSK	1860	100	0	18.124	Pass
		1882.5	100	0	18.110	Pass
		1905	100	0	18.176	Pass
	16QAM	1860	100	0	18.203	Pass
		1882.5	100	0	18.100	Pass
		1905	100	0	18.184	Pass

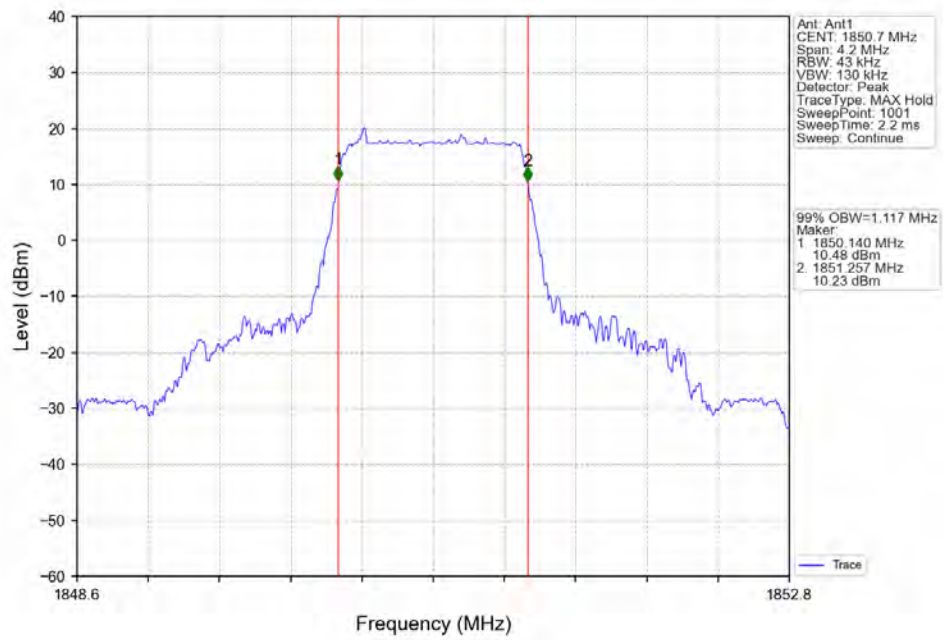
4.1.2 Test Graph



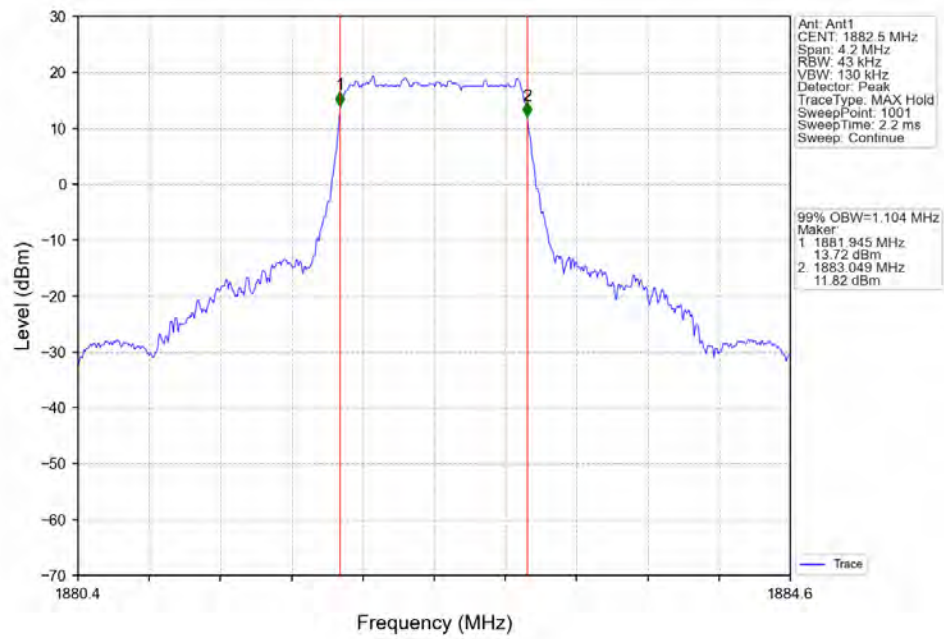
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



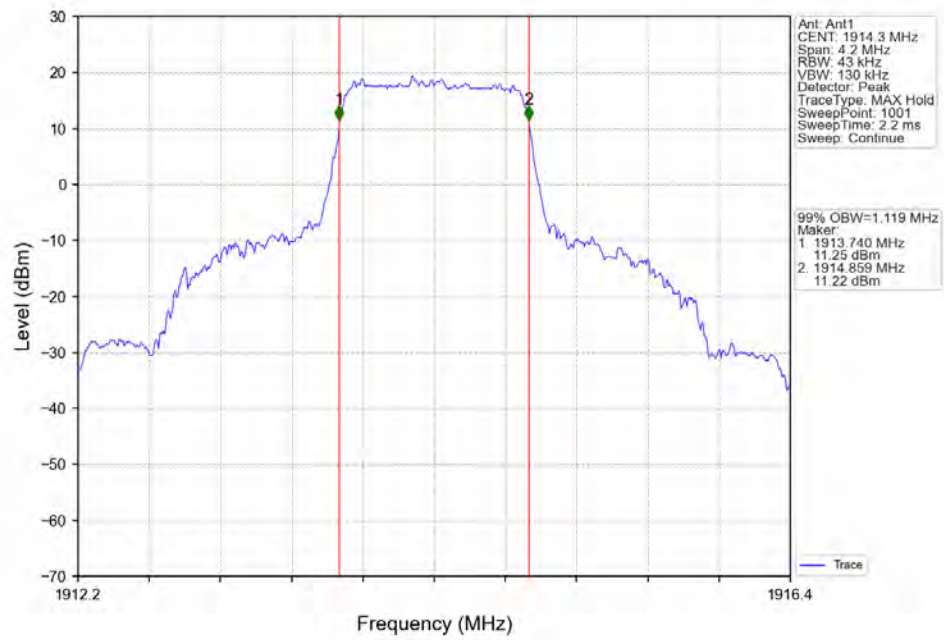
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



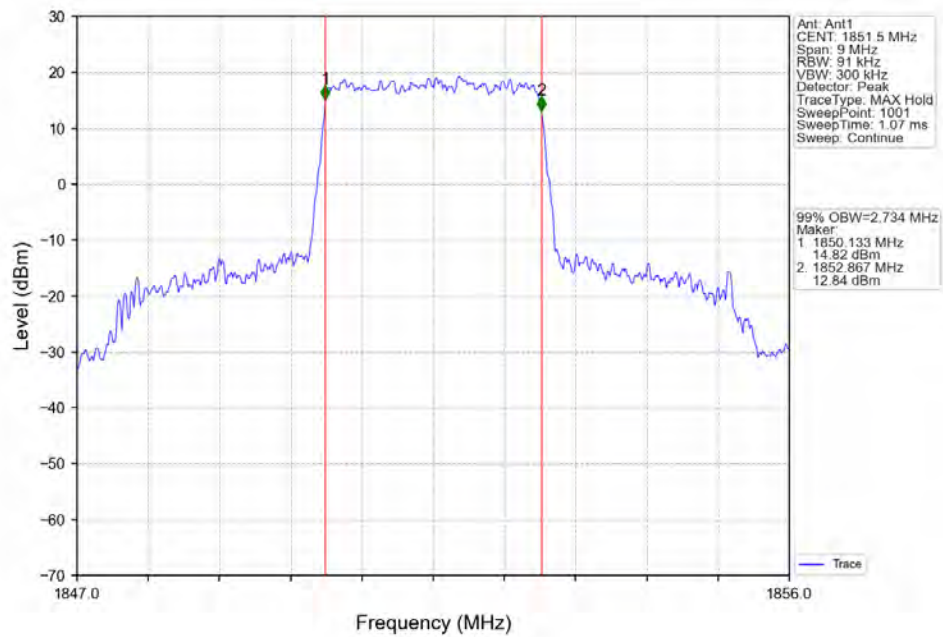
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



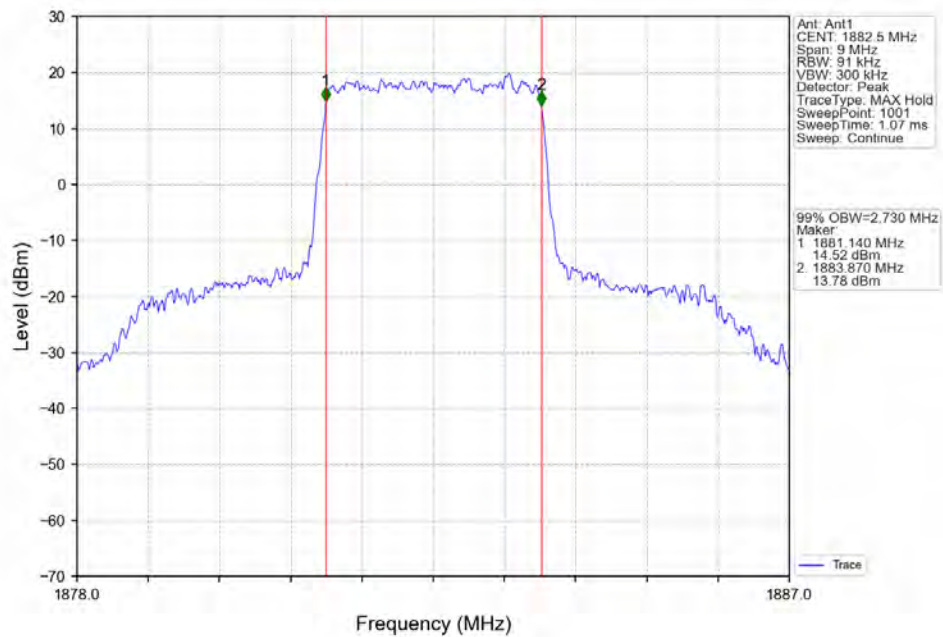
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



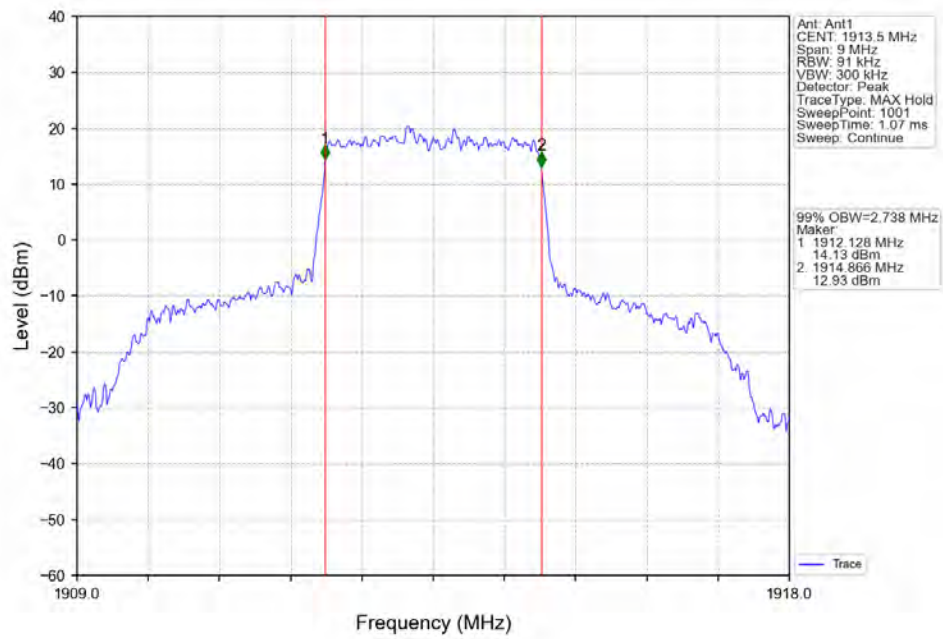
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



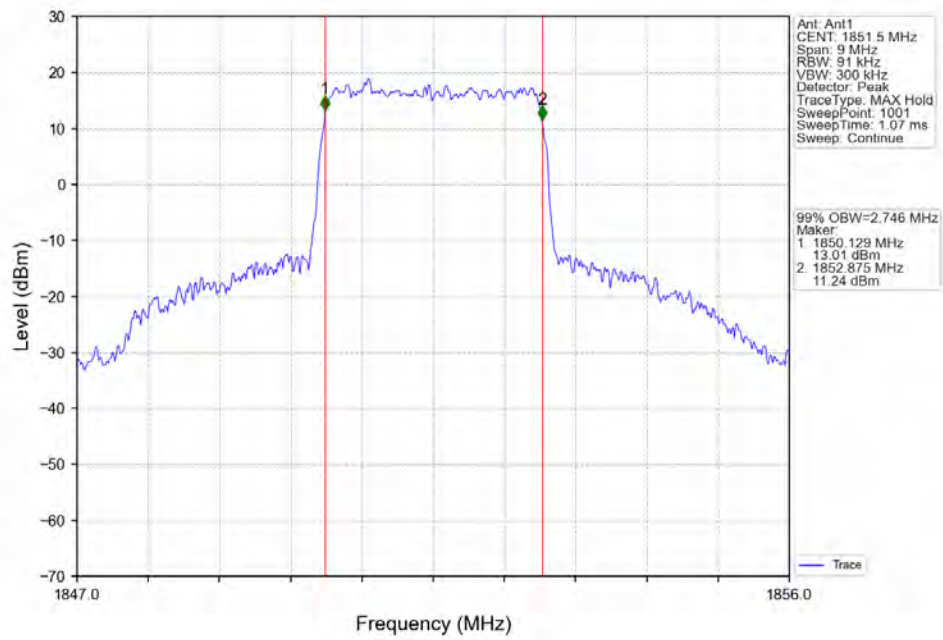
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



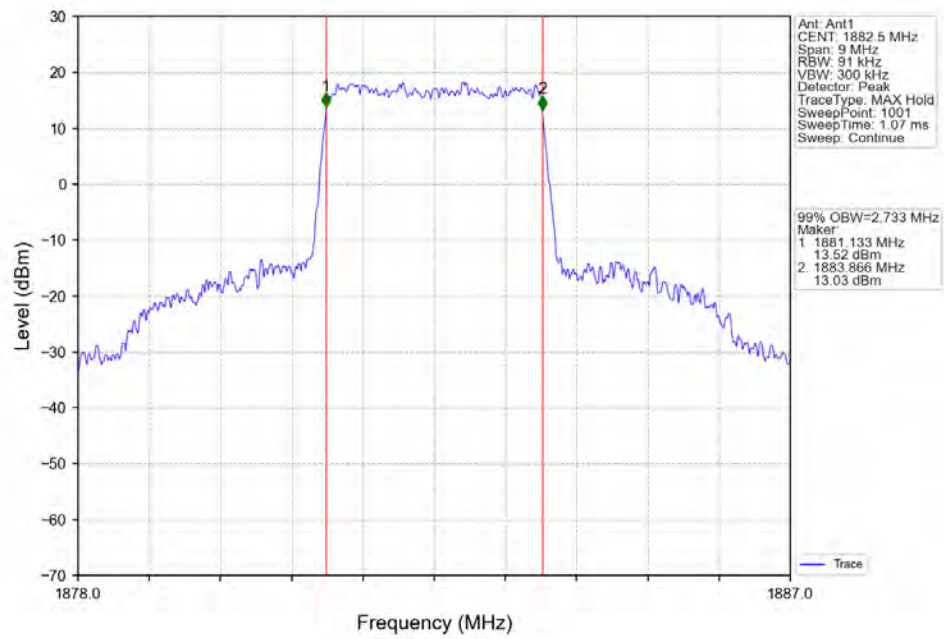
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



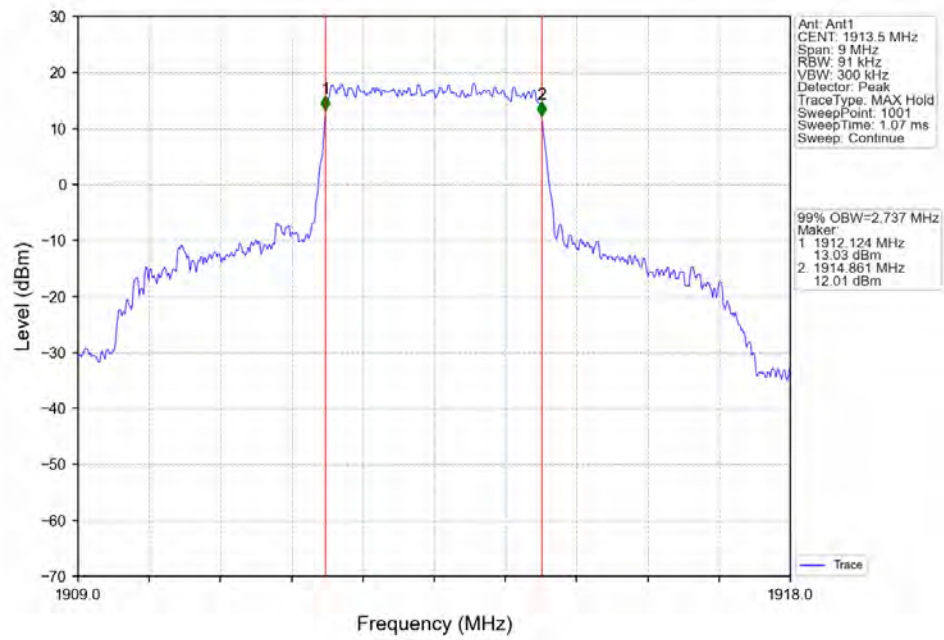
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



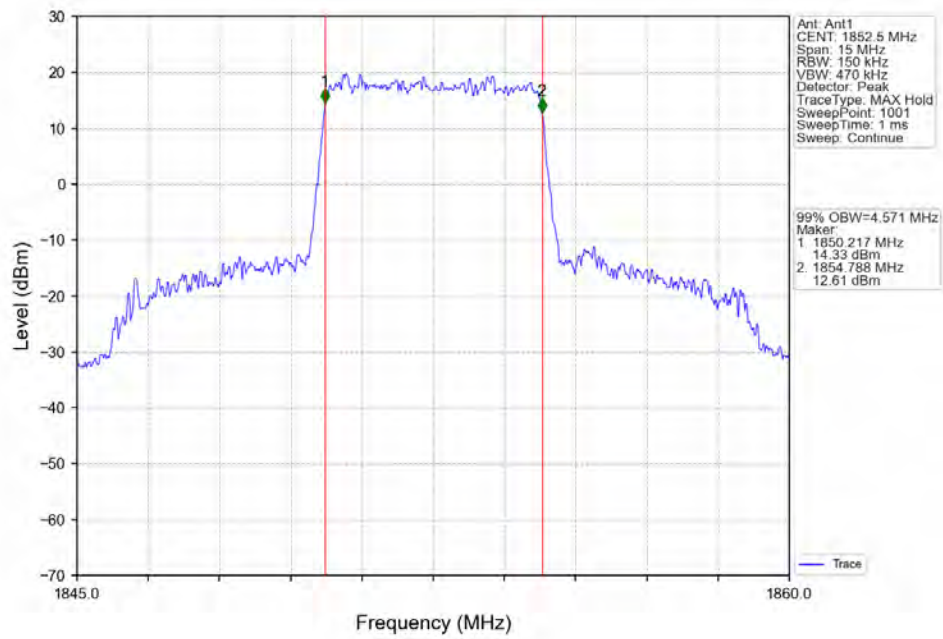
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



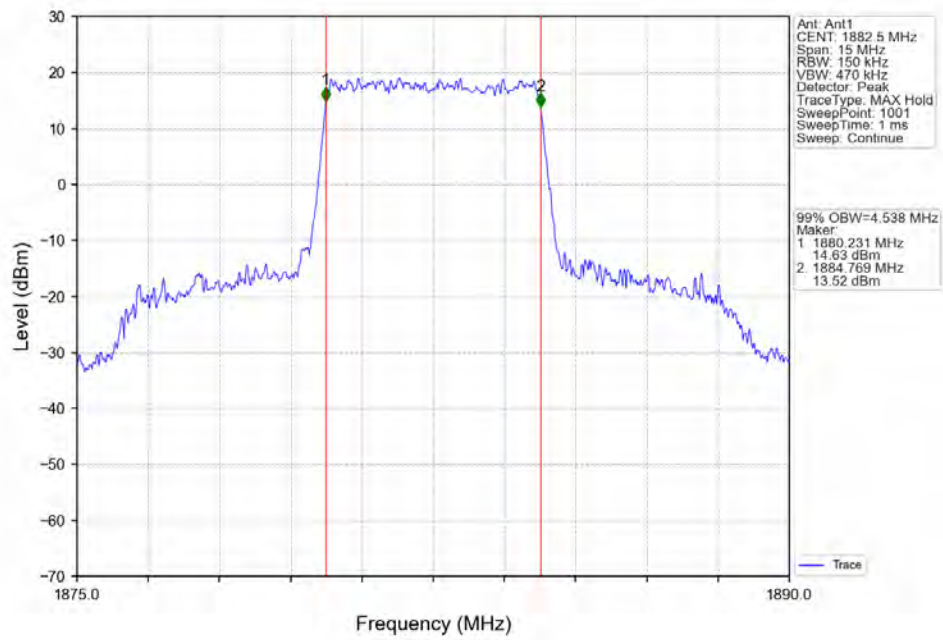
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



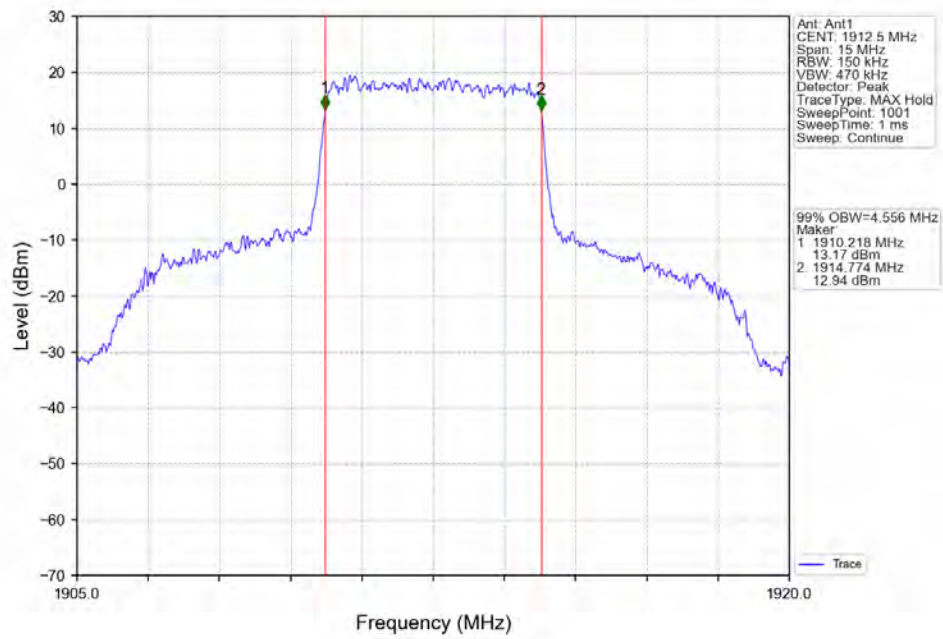
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



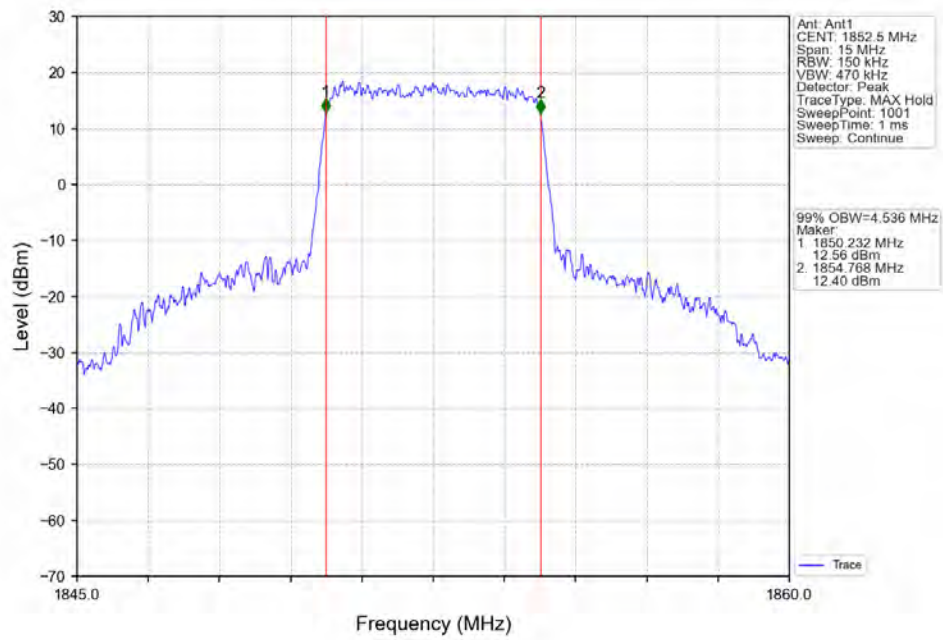
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



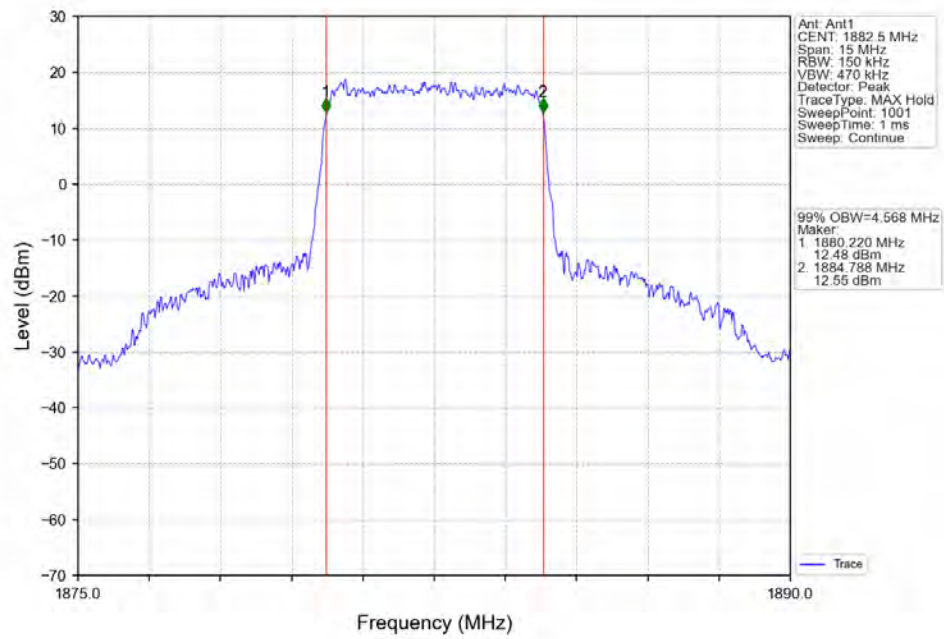
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



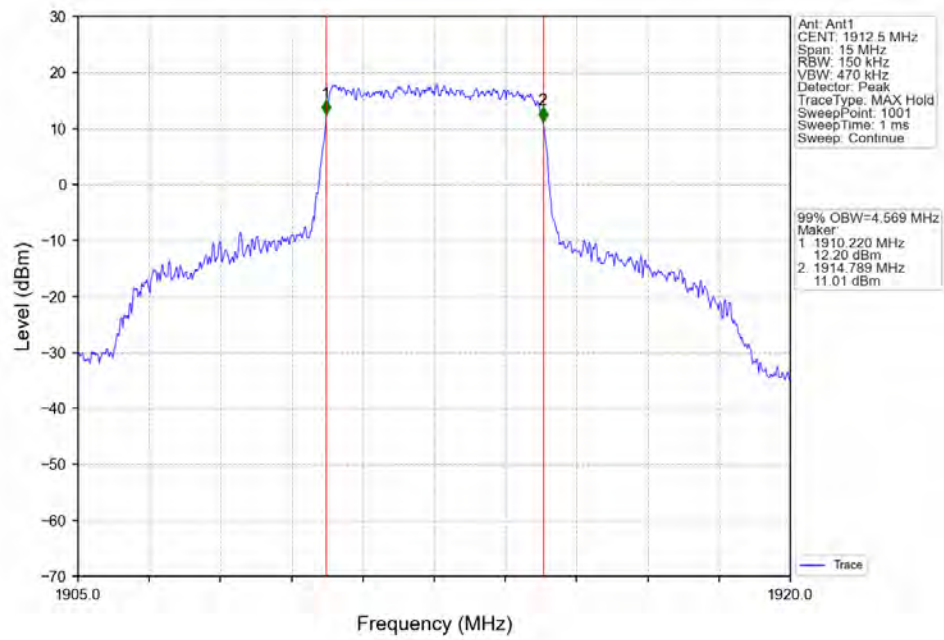
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



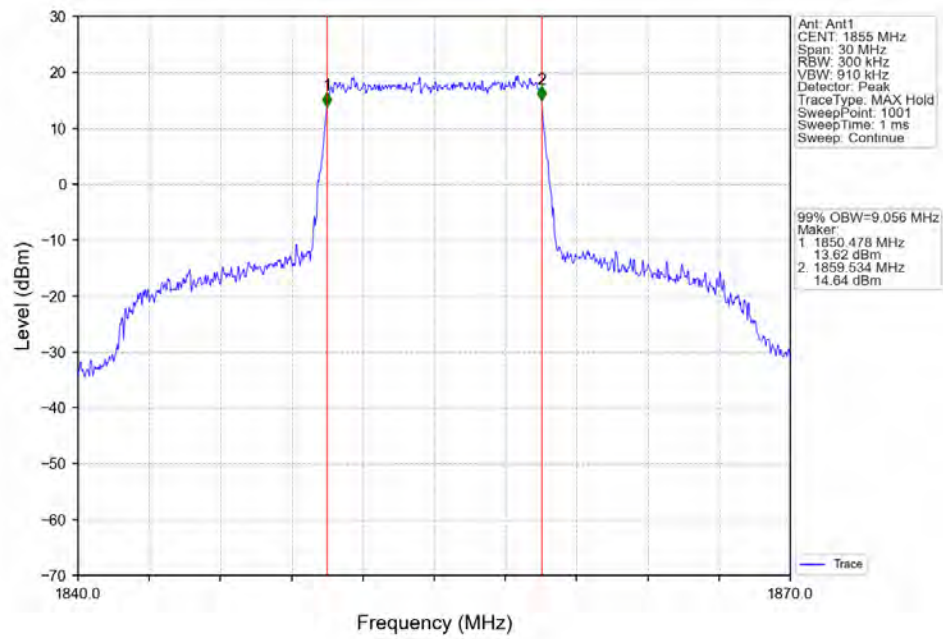
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



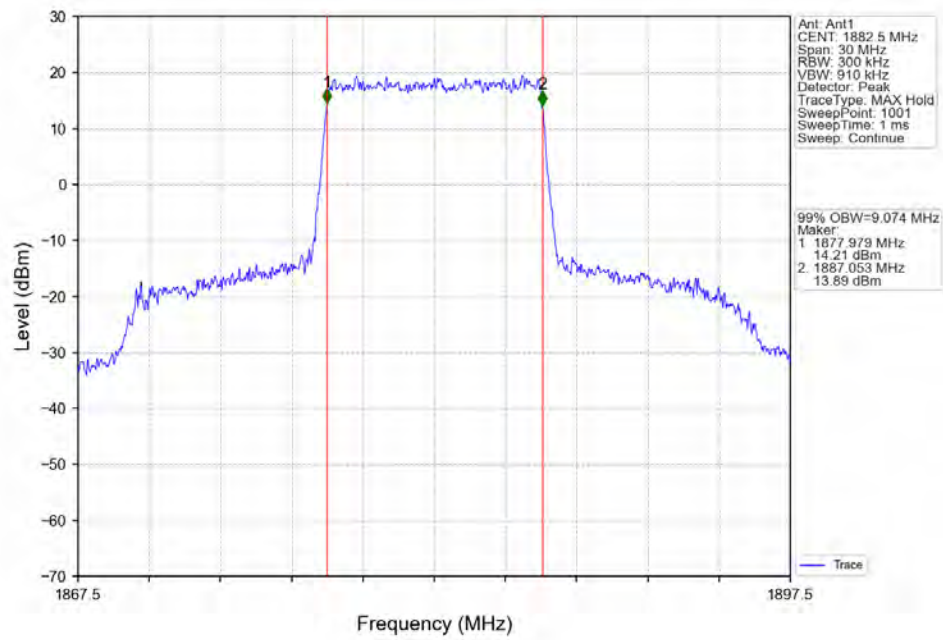
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



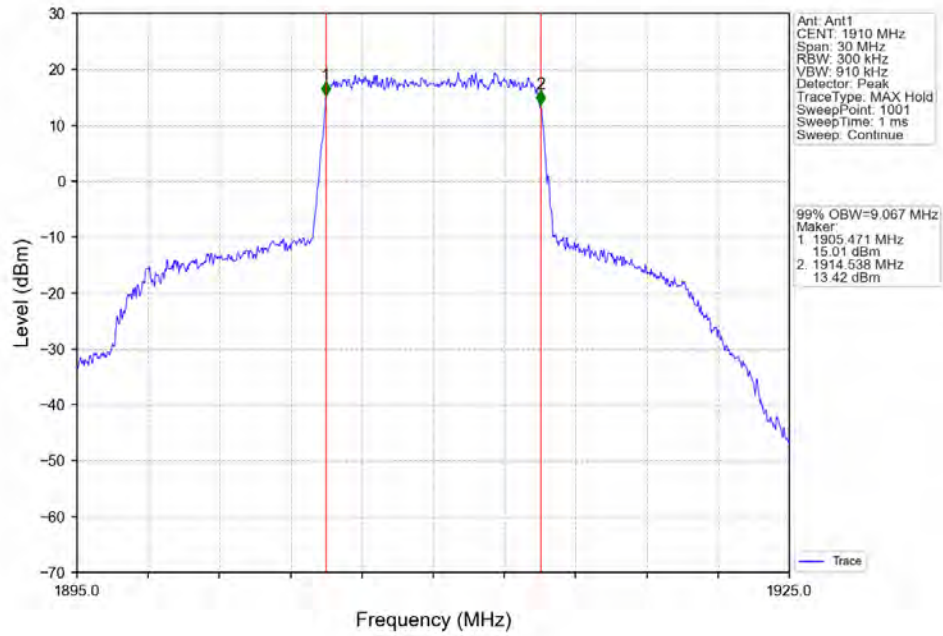
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



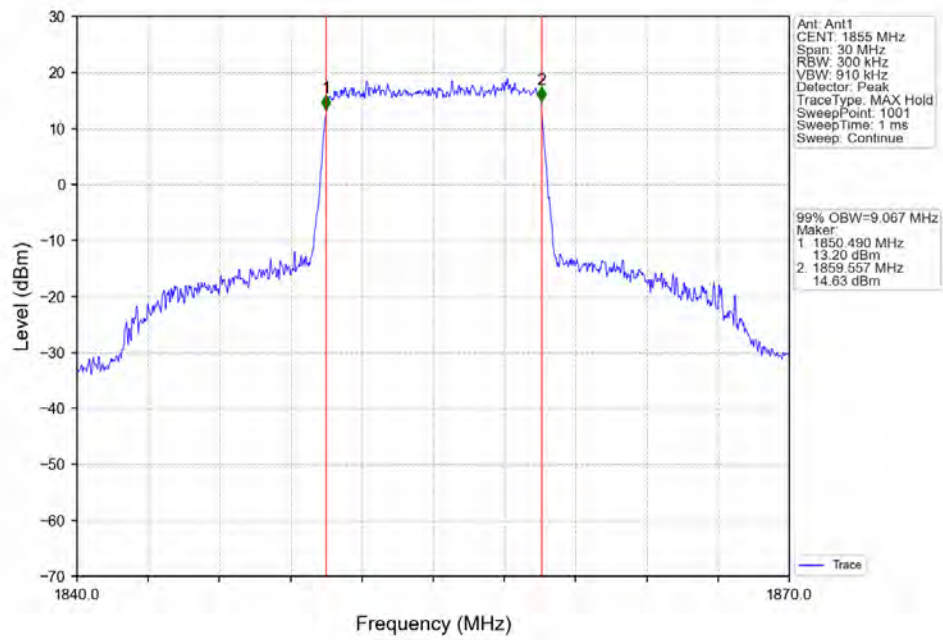
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



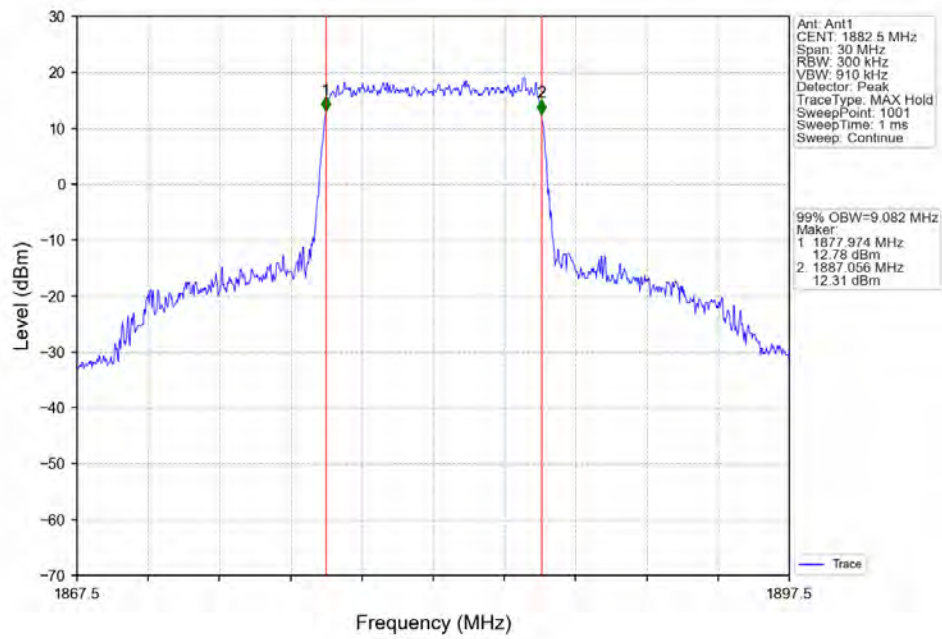
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



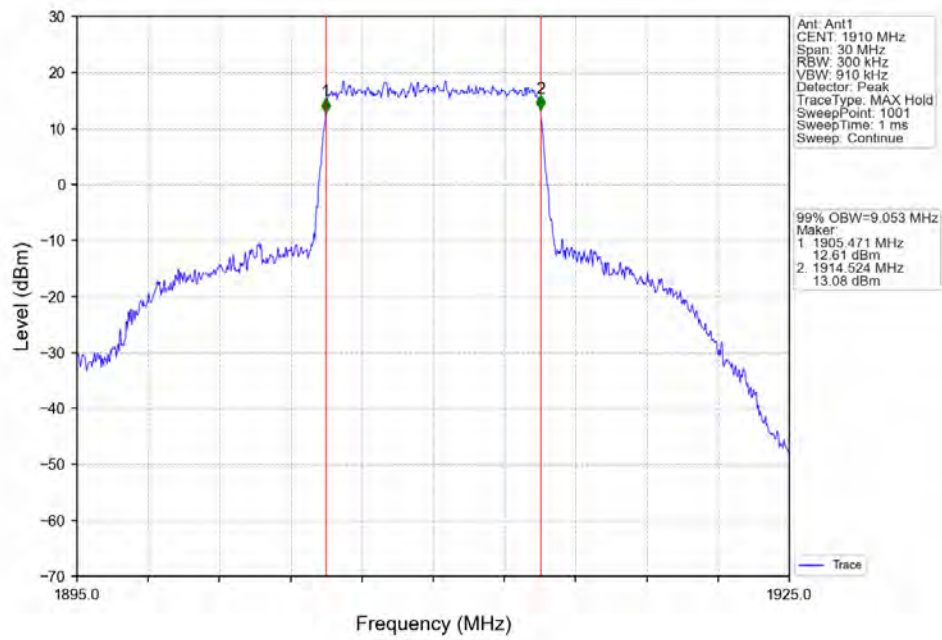
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



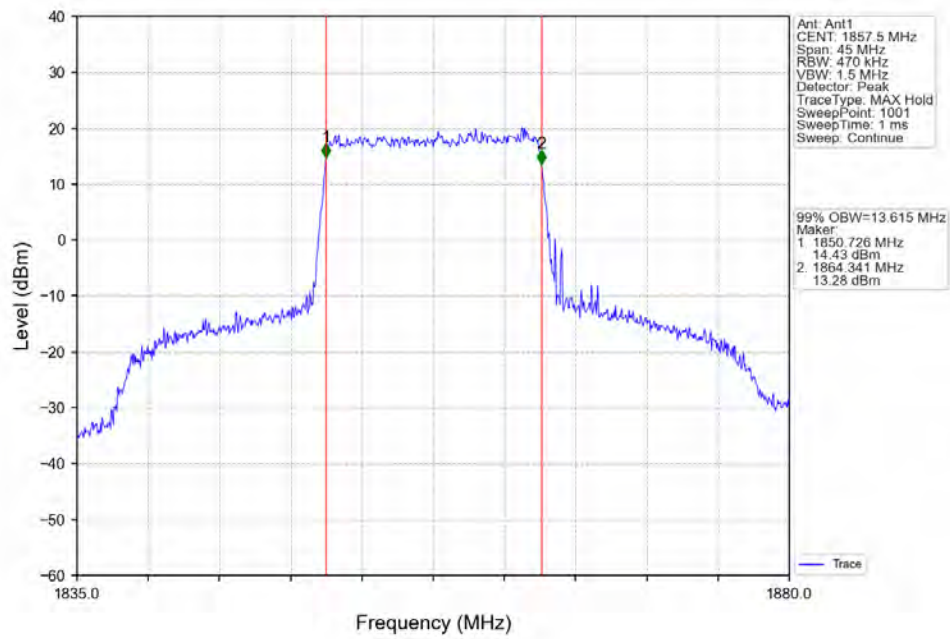
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



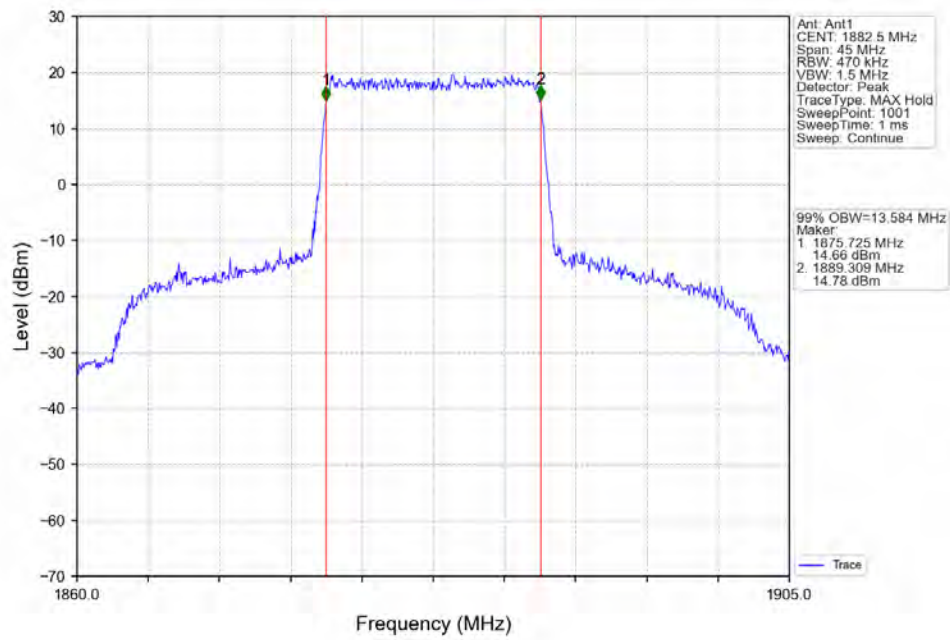
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



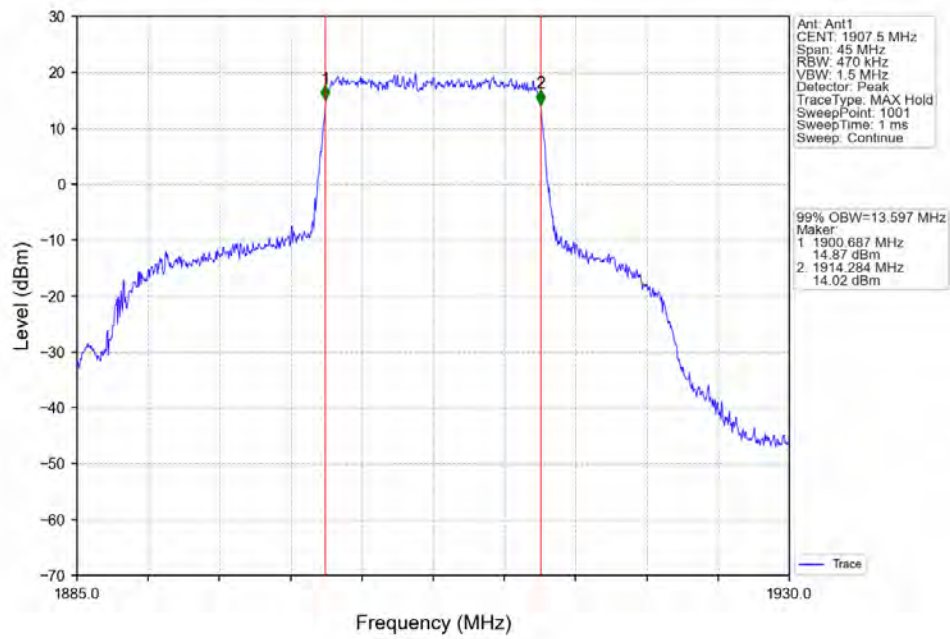
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



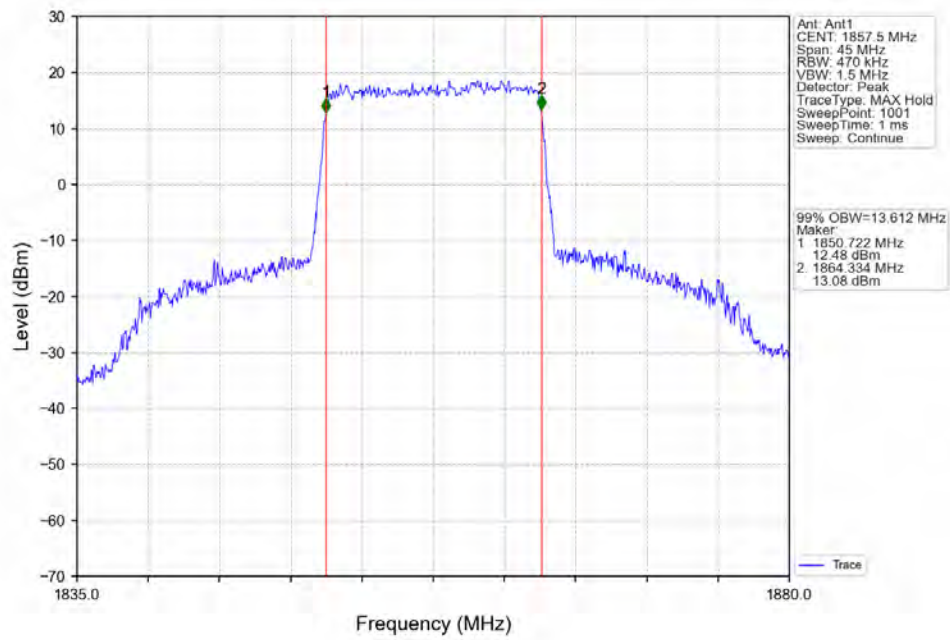
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



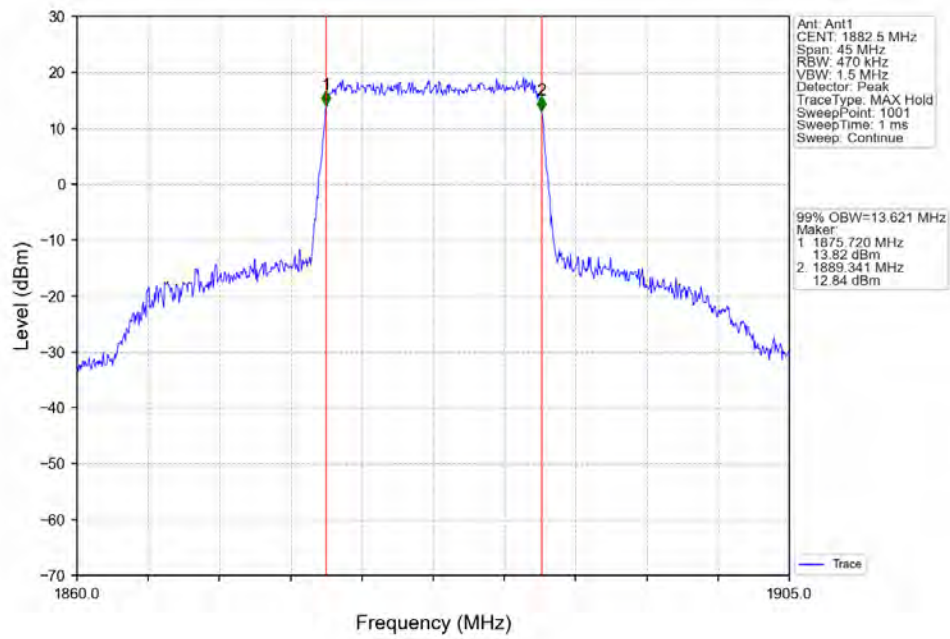
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



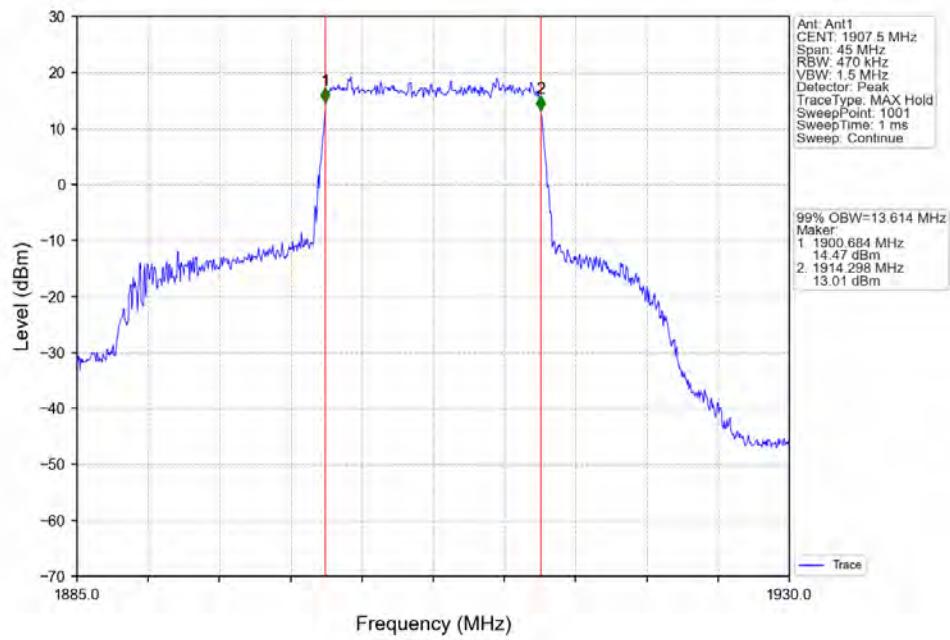
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



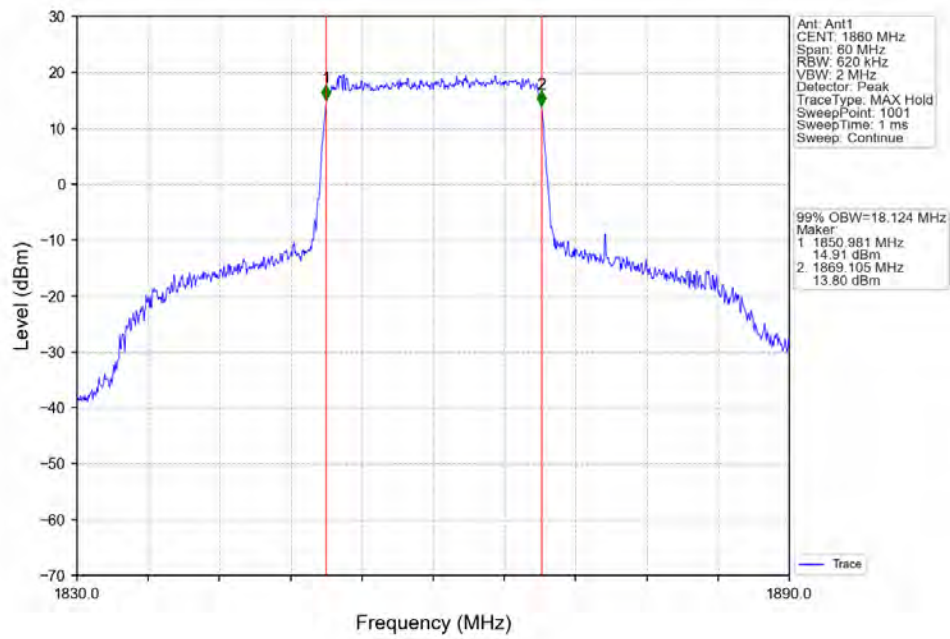
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



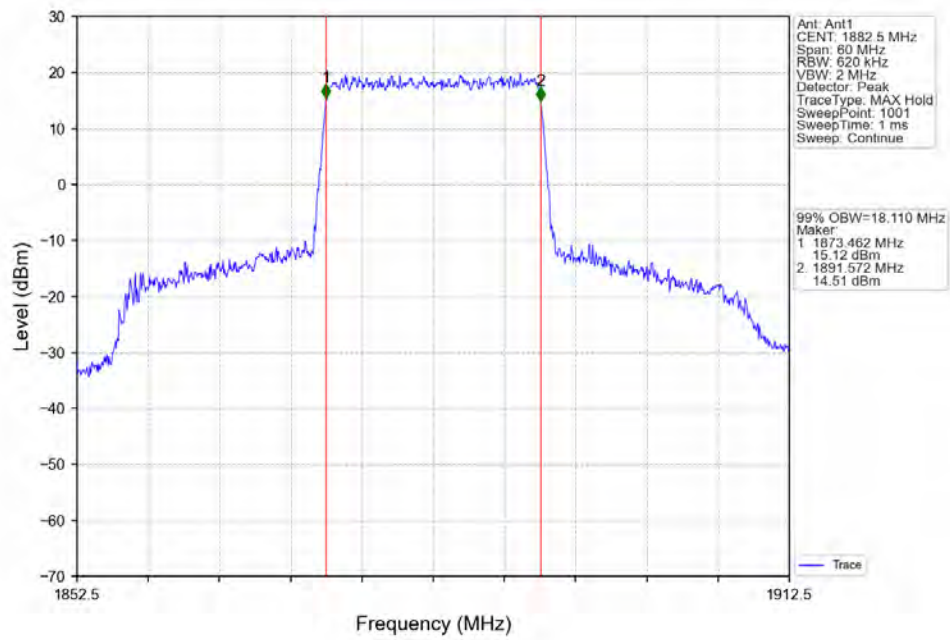
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



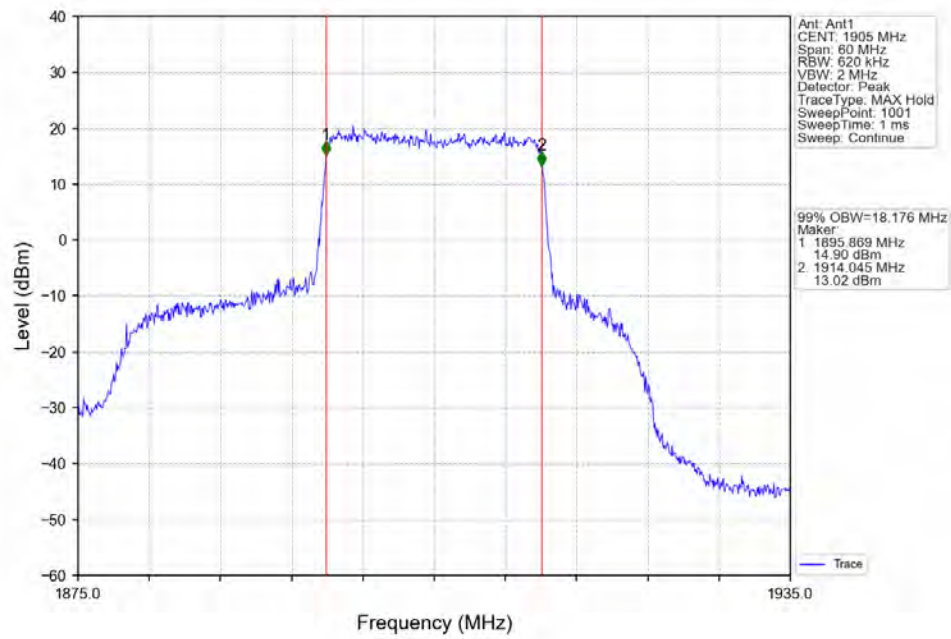
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



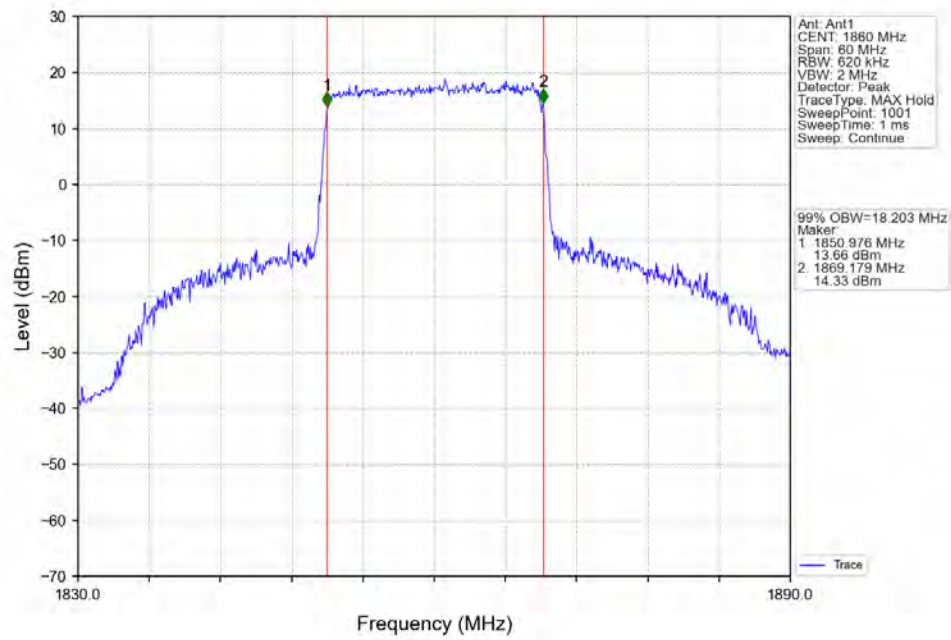
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



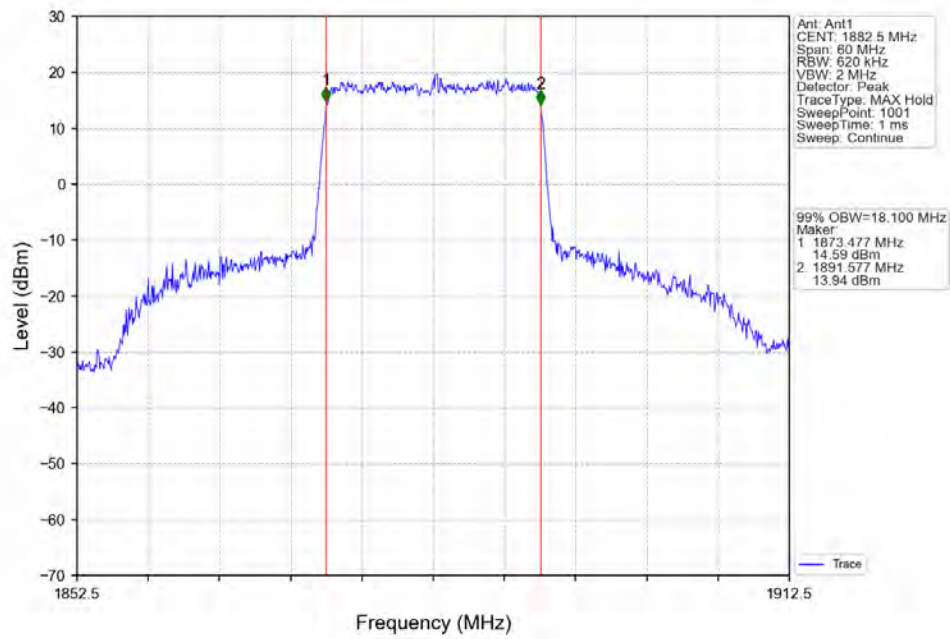
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



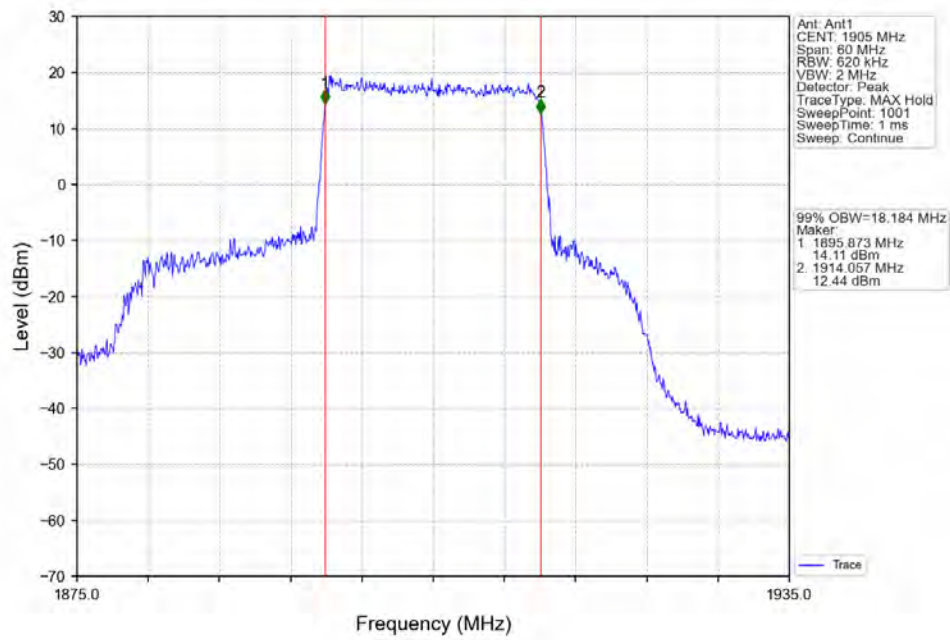
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

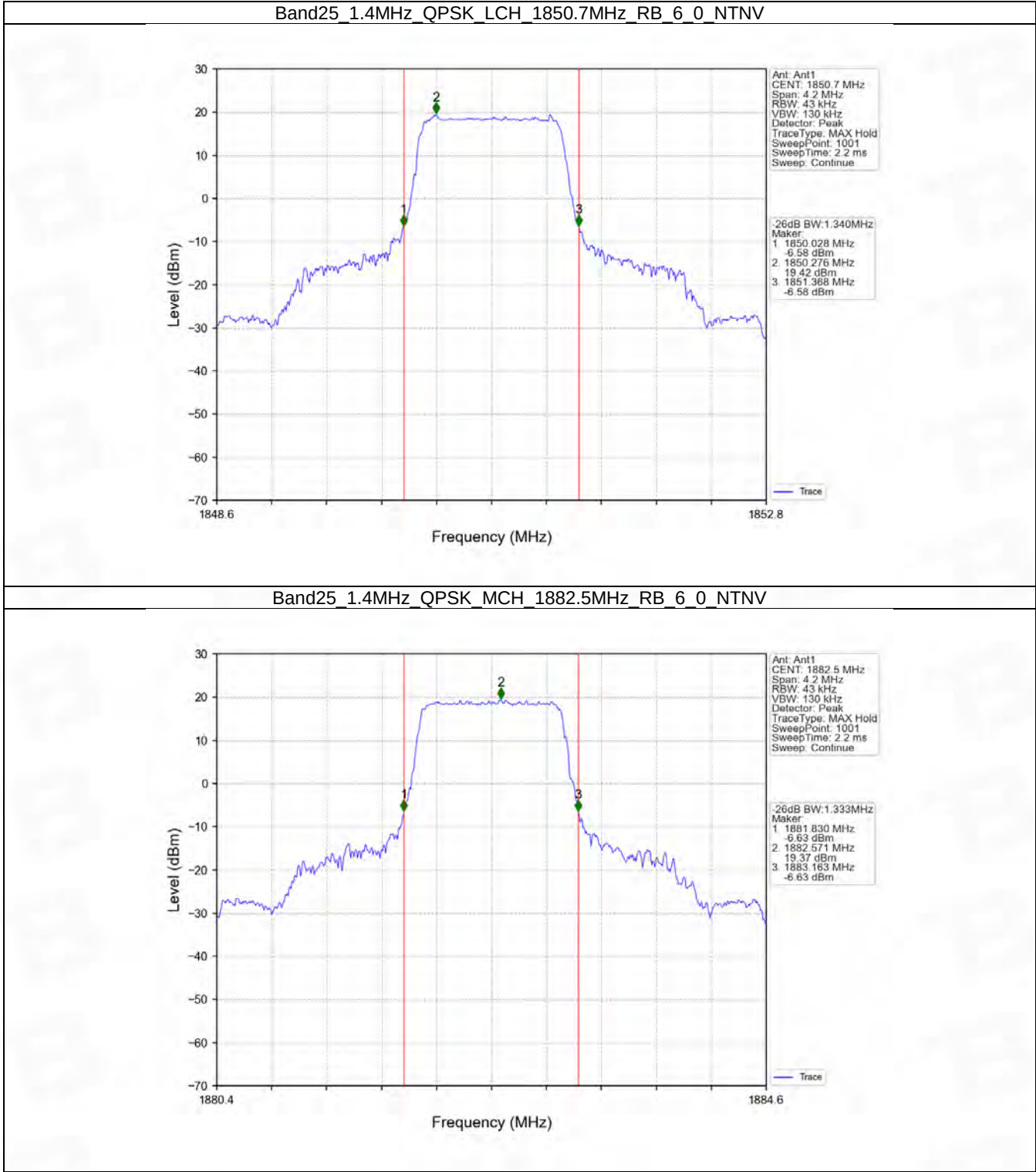


4.2 Band25_XDB

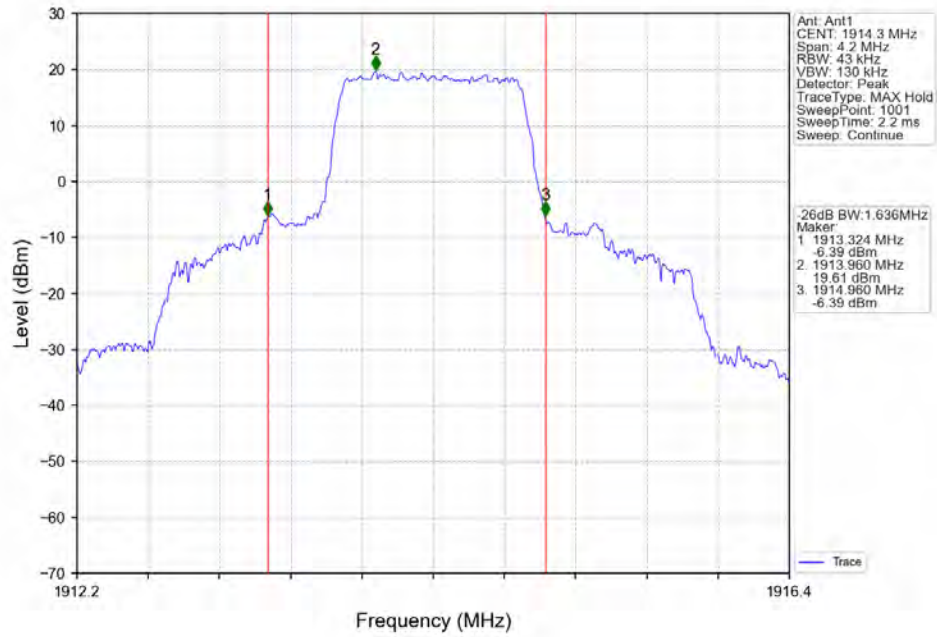
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.340	Pass
		1882.5	6	0	1.333	Pass
		1914.3	6	0	1.636	Pass
	16QAM	1850.7	6	0	1.320	Pass
		1882.5	6	0	1.310	Pass
		1914.3	6	0	1.336	Pass
3	QPSK	1851.5	15	0	3.037	Pass
		1882.5	15	0	3.012	Pass
		1913.5	15	0	3.110	Pass
	16QAM	1851.5	15	0	3.011	Pass
		1882.5	15	0	3.024	Pass
		1913.5	15	0	3.617	Pass
5	QPSK	1852.5	25	0	5.033	Pass
		1882.5	25	0	5.077	Pass
		1912.5	25	0	5.091	Pass
	16QAM	1852.5	25	0	5.059	Pass
		1882.5	25	0	5.035	Pass
		1912.5	25	0	5.312	Pass
10	QPSK	1855	50	0	10.128	Pass
		1882.5	50	0	9.990	Pass
		1910	50	0	10.004	Pass
	16QAM	1855	50	0	9.953	Pass
		1882.5	50	0	9.947	Pass
		1910	50	0	9.982	Pass
15	QPSK	1857.5	75	0	15.581	Pass
		1882.5	75	0	14.971	Pass
		1907.5	75	0	15.092	Pass
	16QAM	1857.5	75	0	14.994	Pass
		1882.5	75	0	15.002	Pass
		1907.5	75	0	14.991	Pass
20	QPSK	1860	100	0	19.836	Pass
		1882.5	100	0	19.731	Pass
		1905	100	0	20.262	Pass
	16QAM	1860	100	0	19.643	Pass
		1882.5	100	0	19.750	Pass
		1905	100	0	19.698	Pass

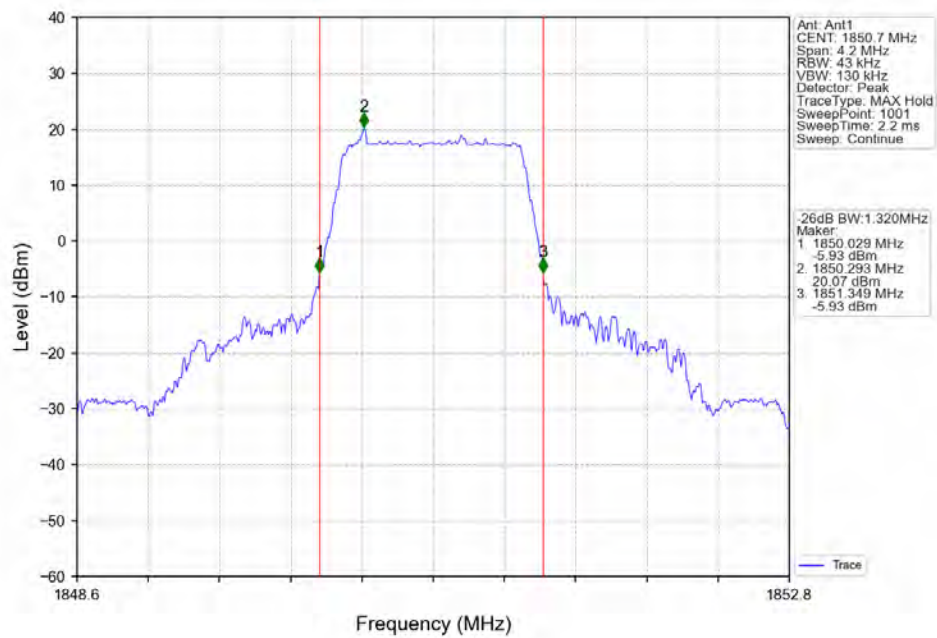
4.2.2 Test Graph



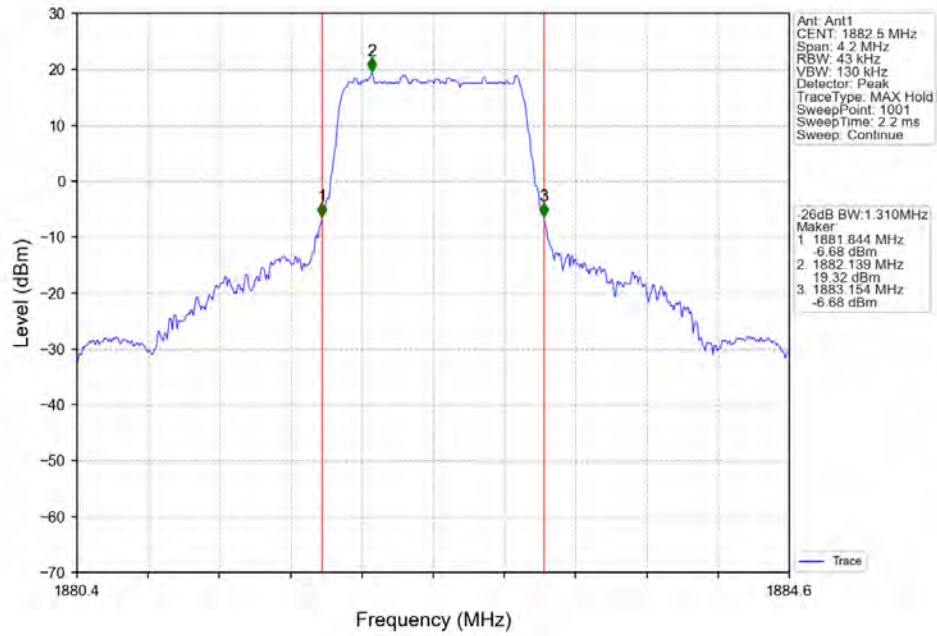
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



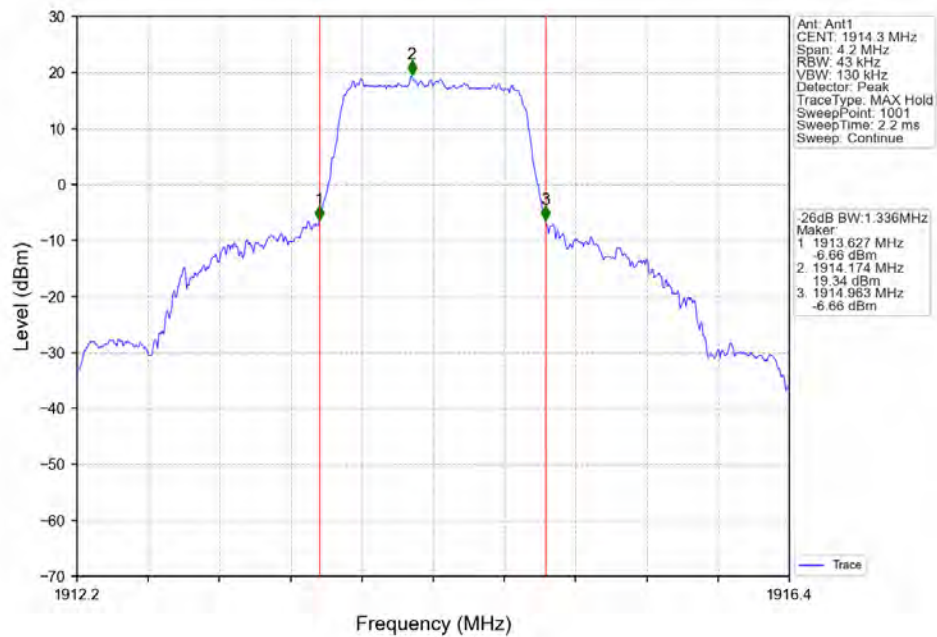
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



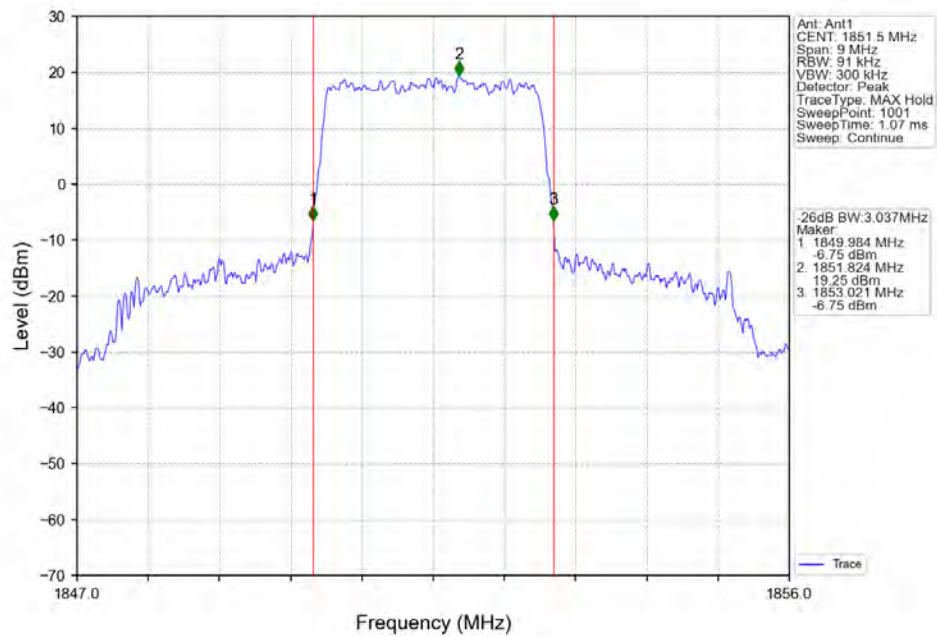
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



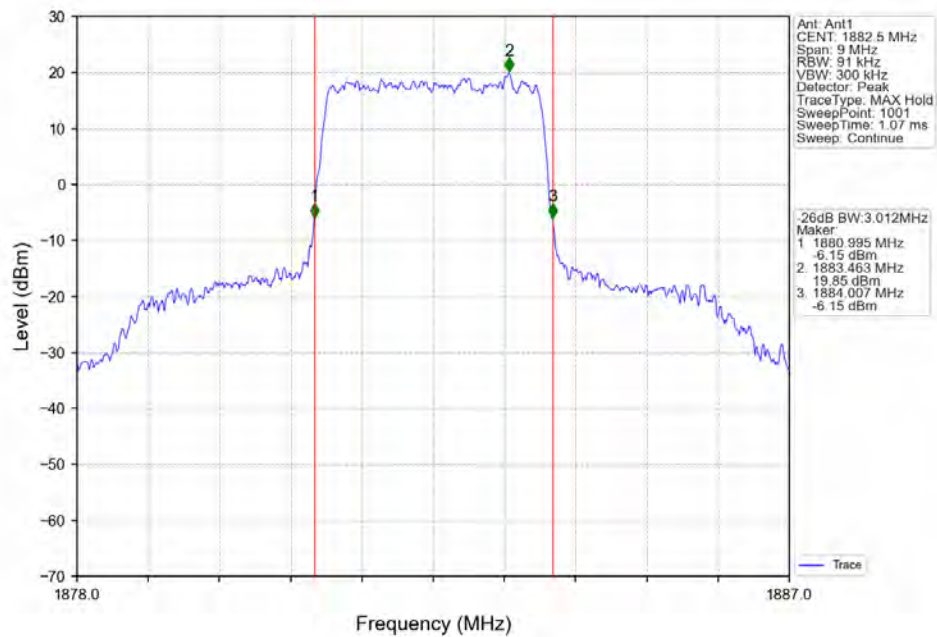
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



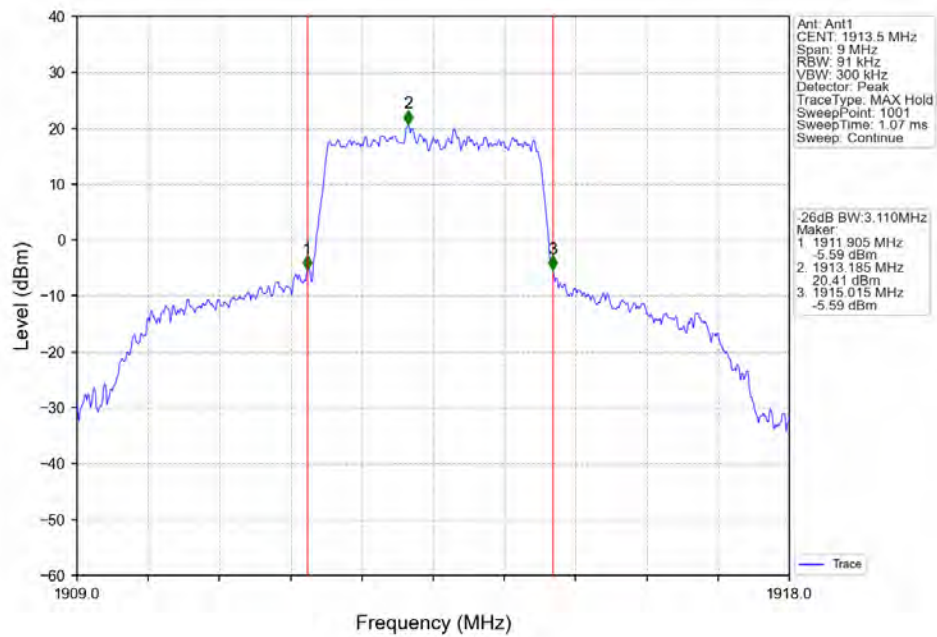
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



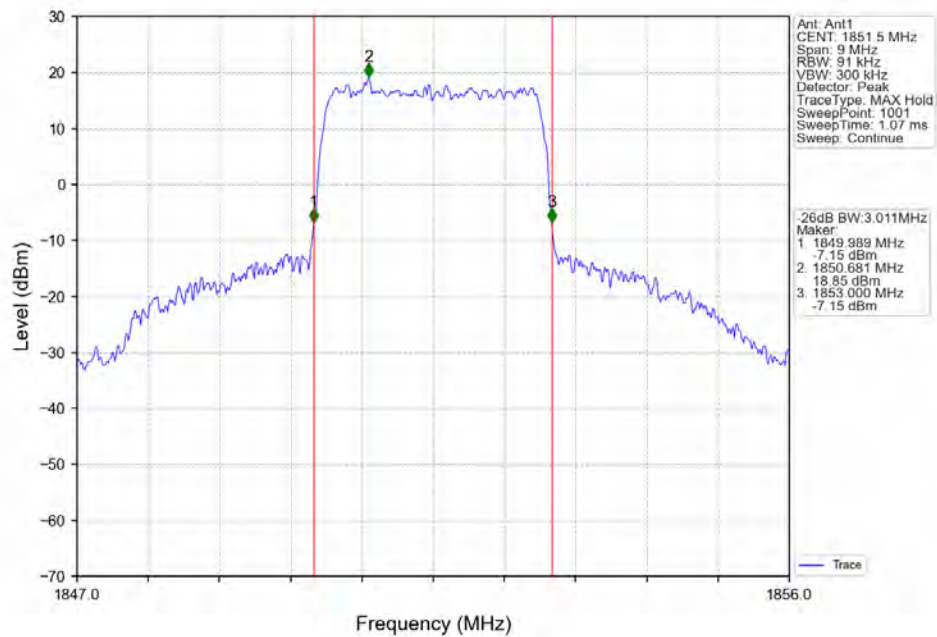
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



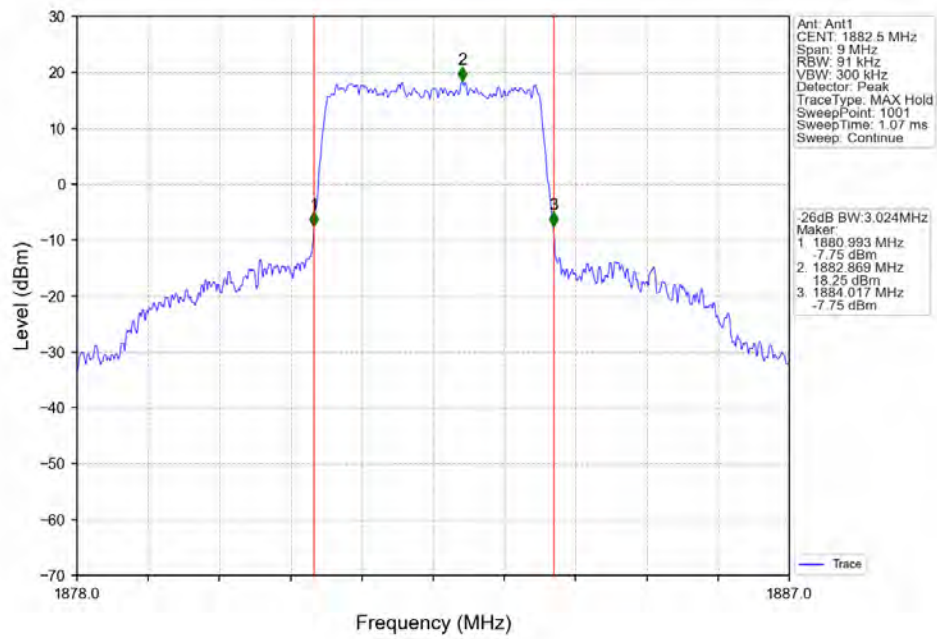
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



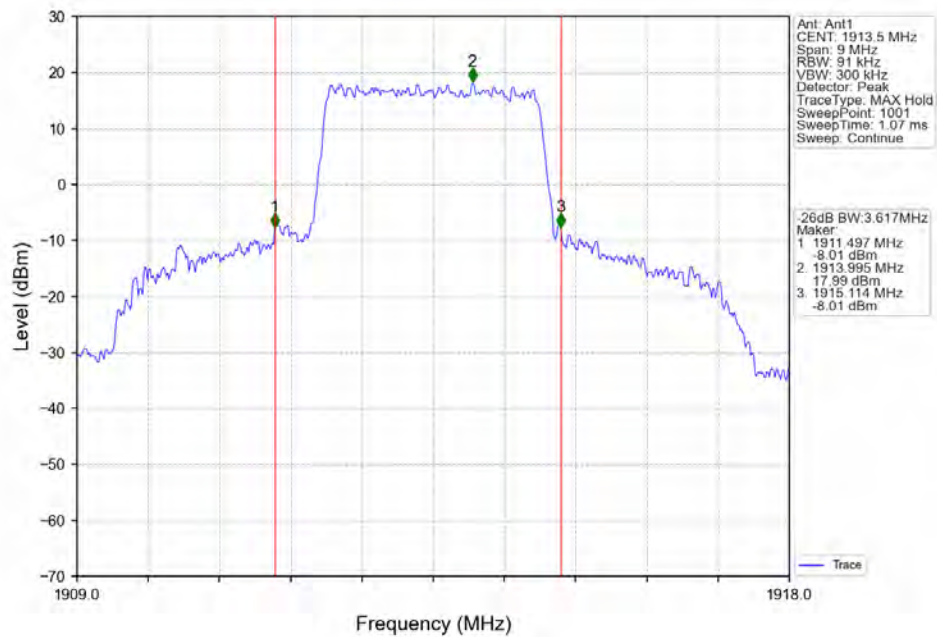
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



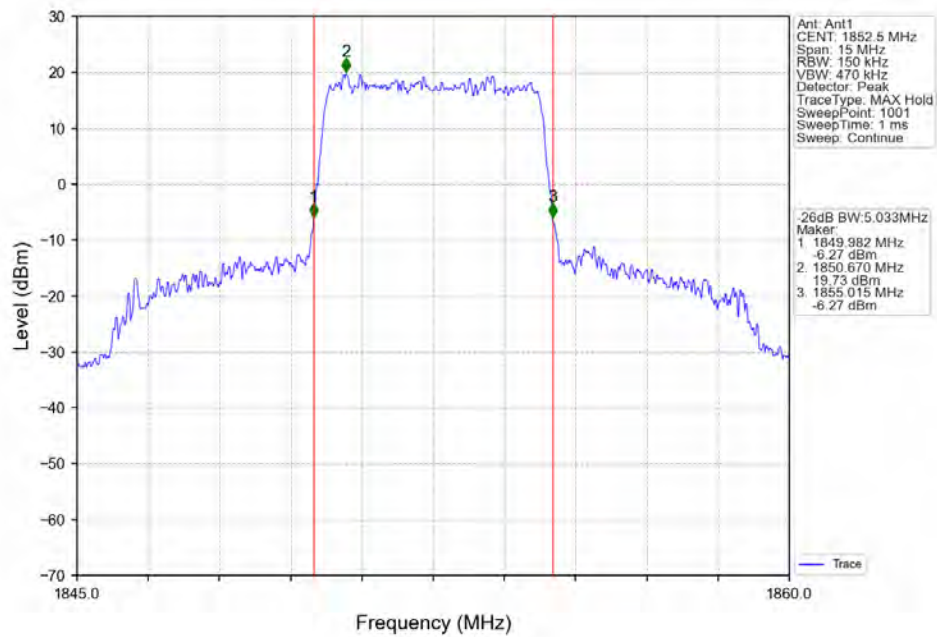
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



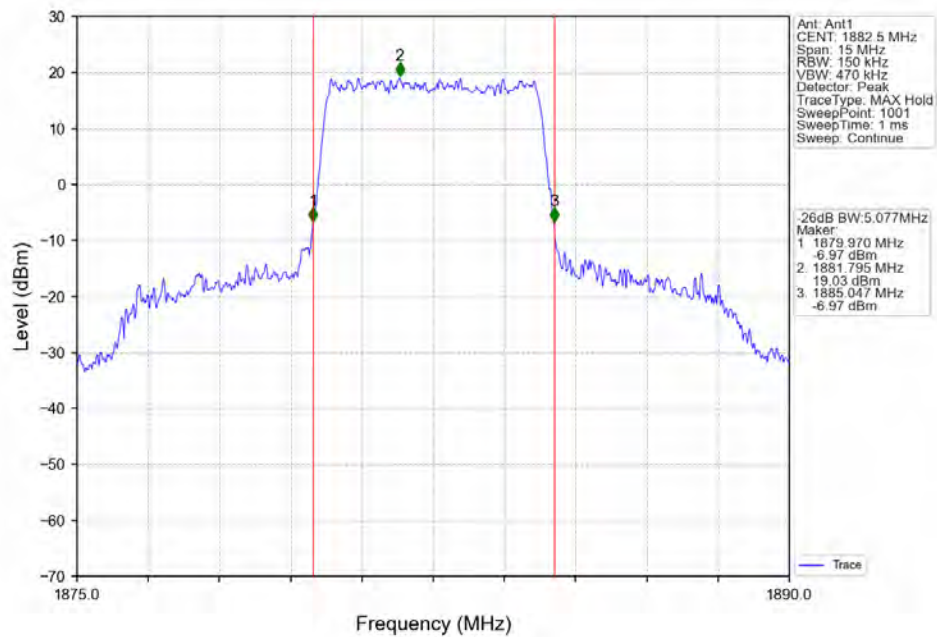
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



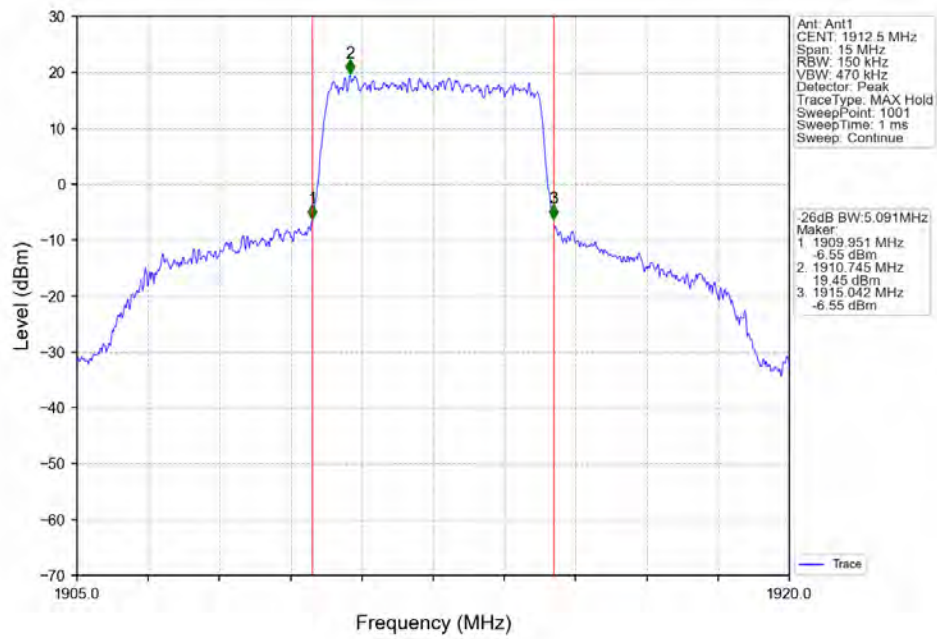
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



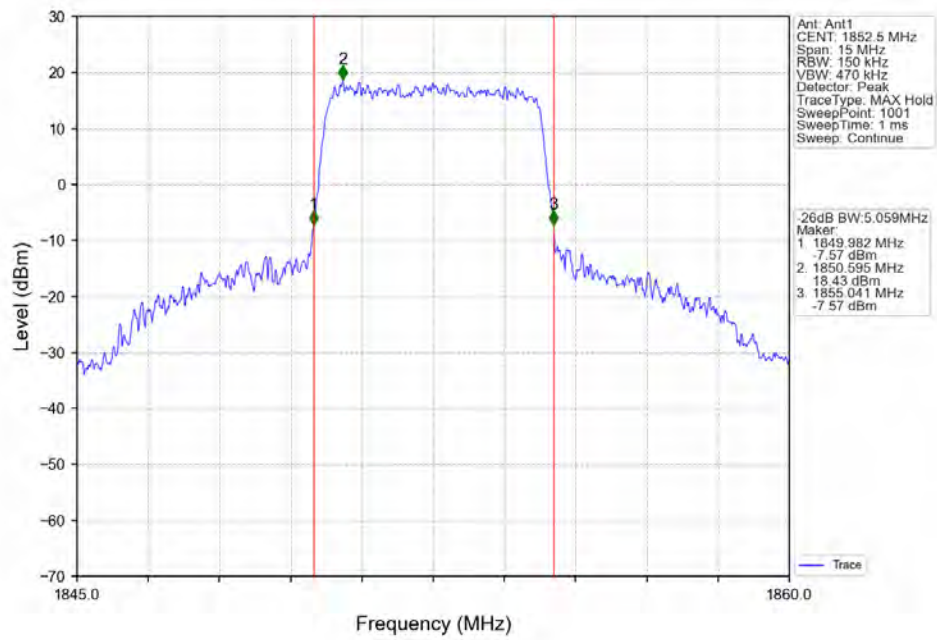
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



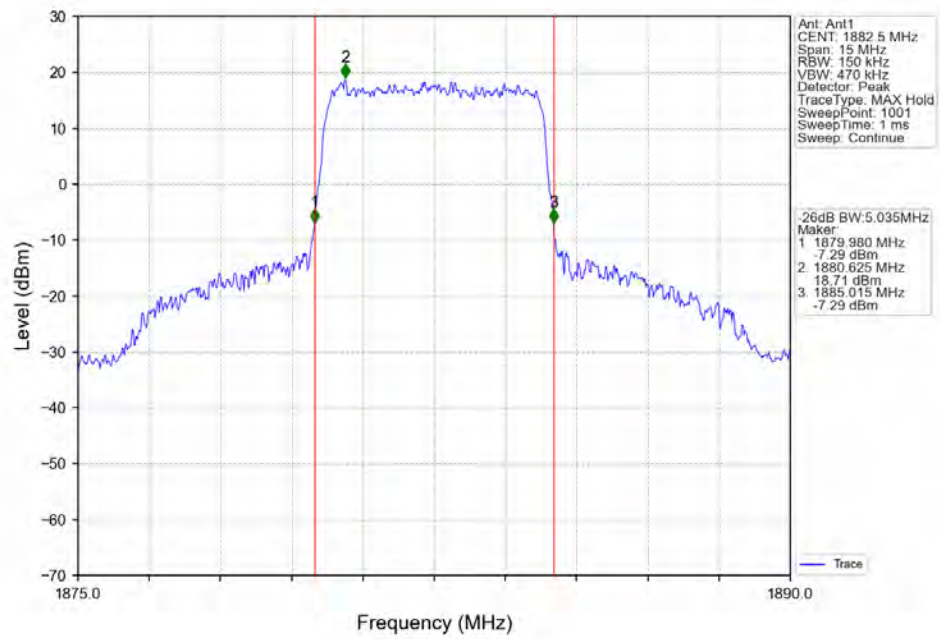
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



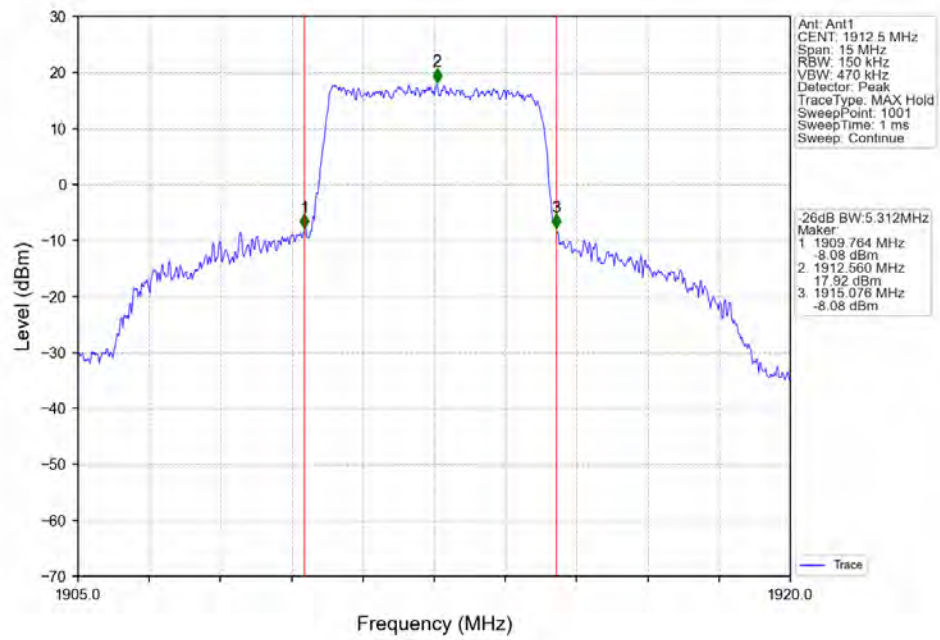
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



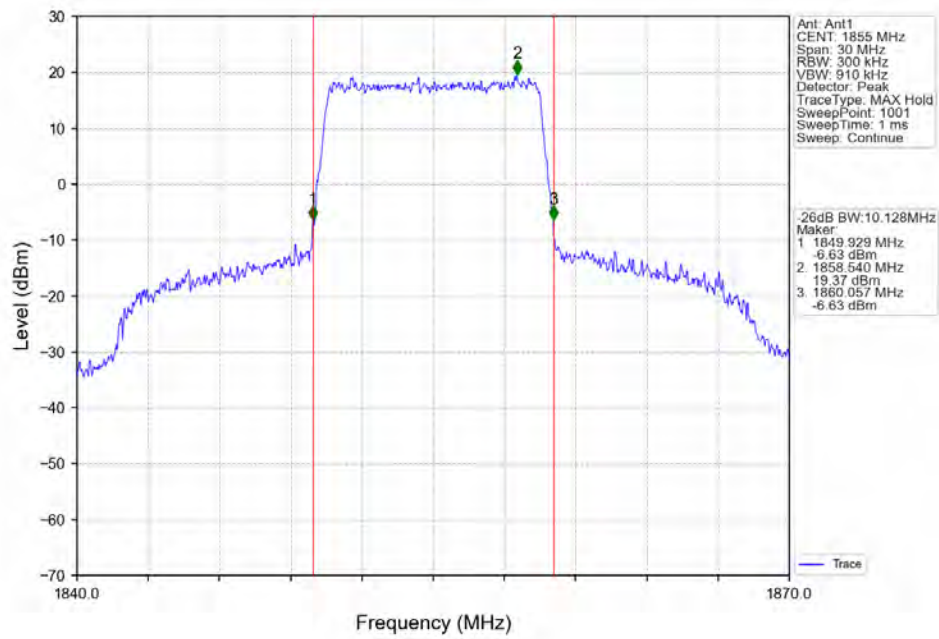
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



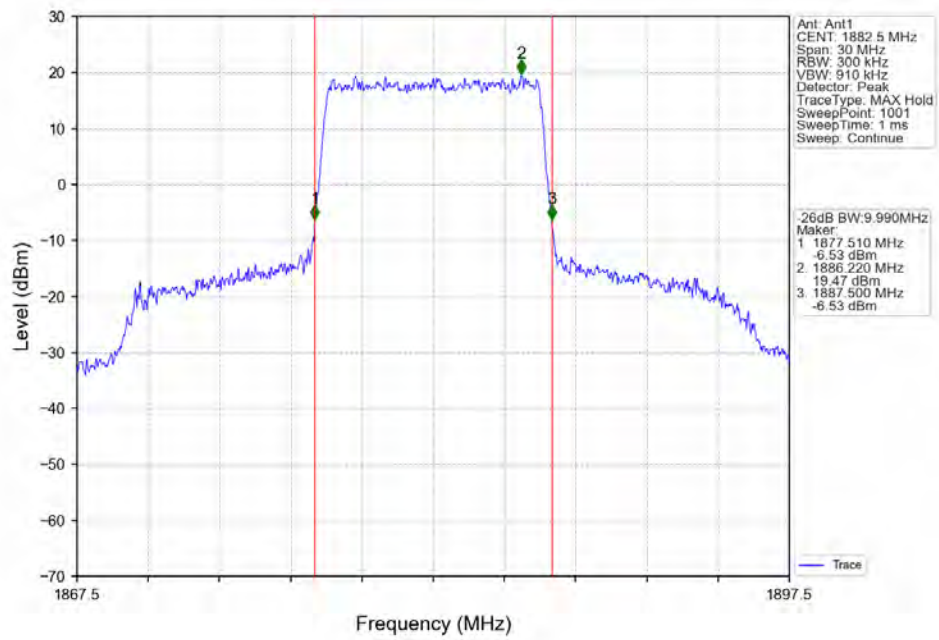
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



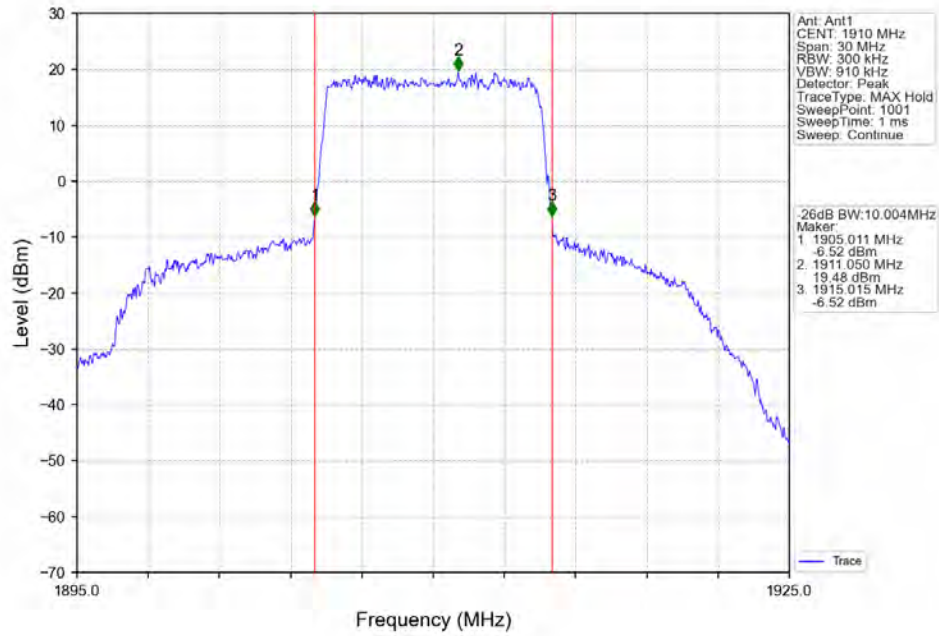
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



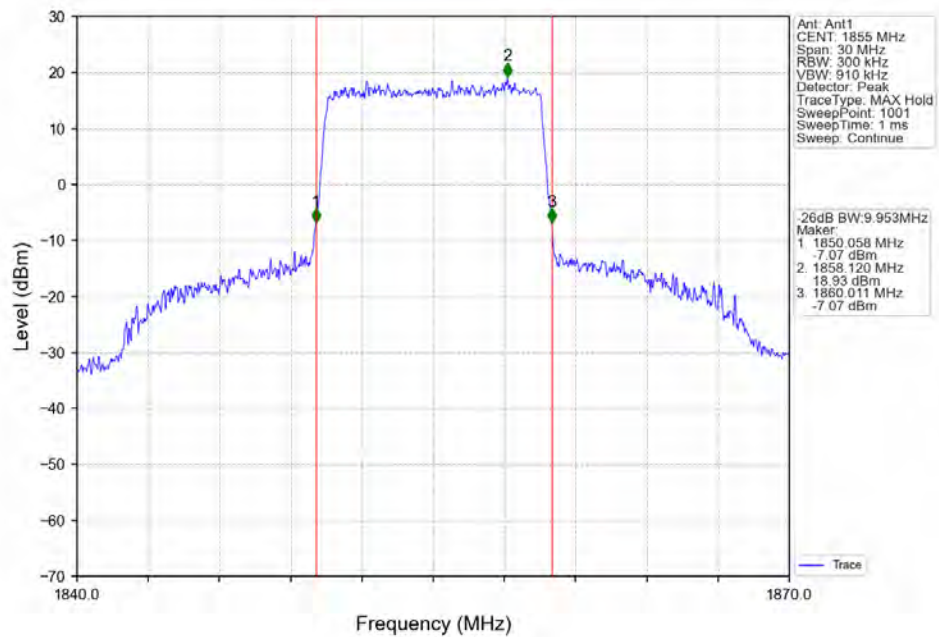
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



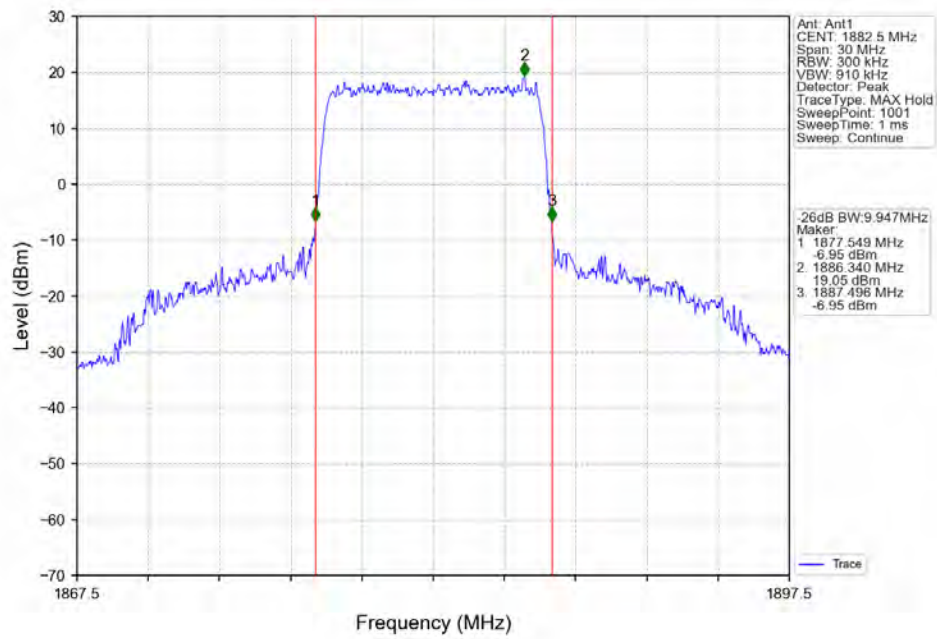
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



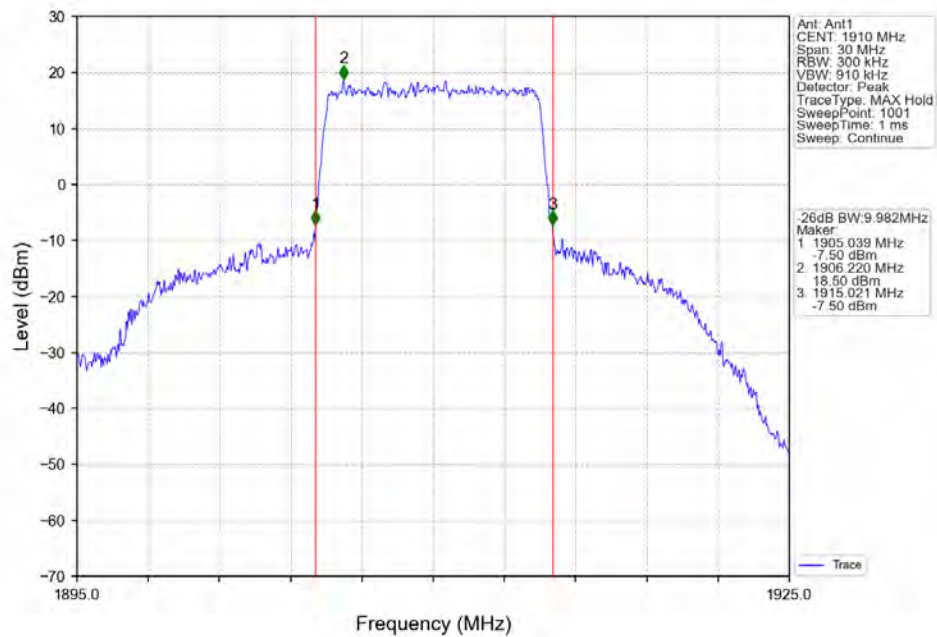
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



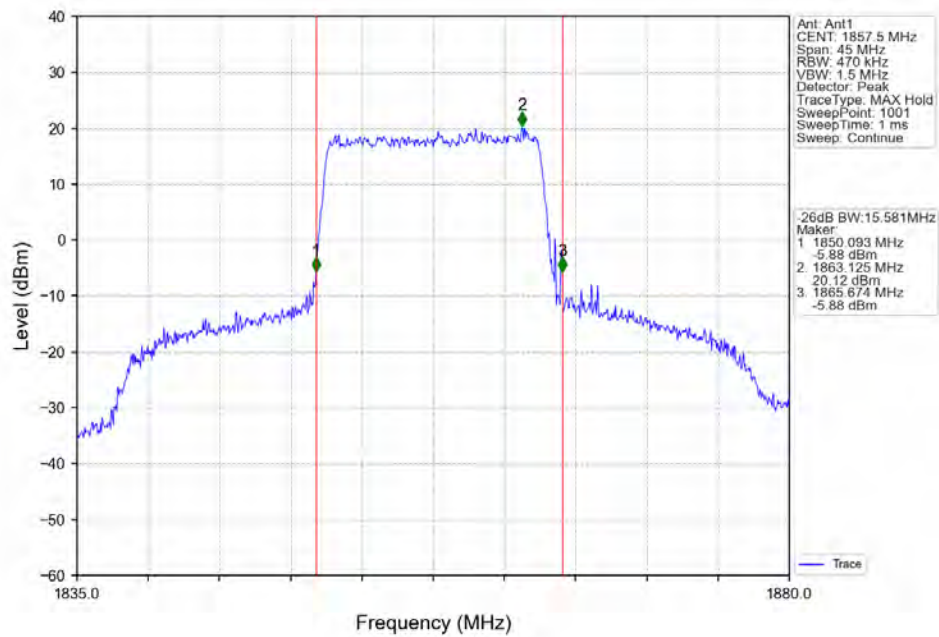
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



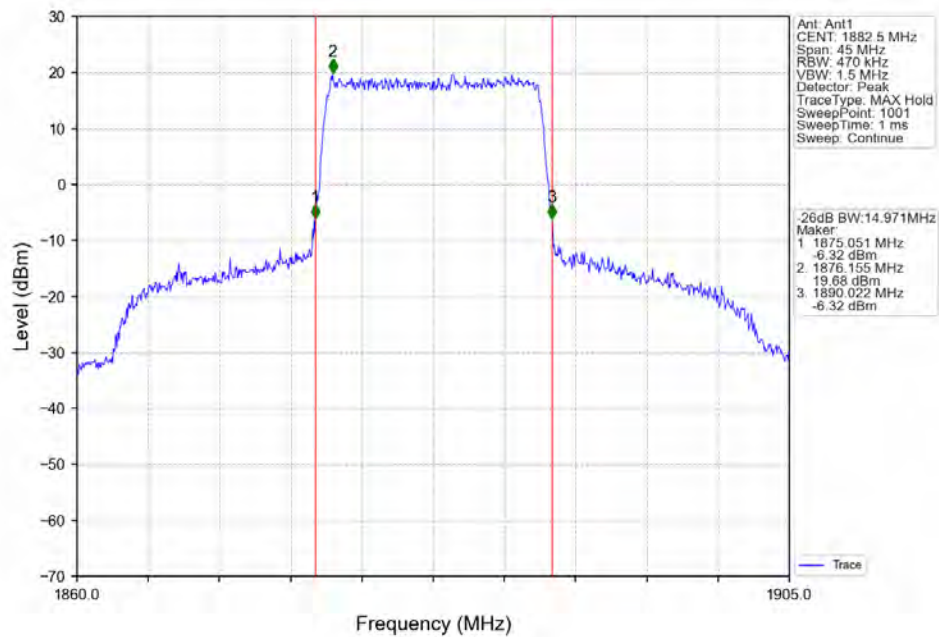
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



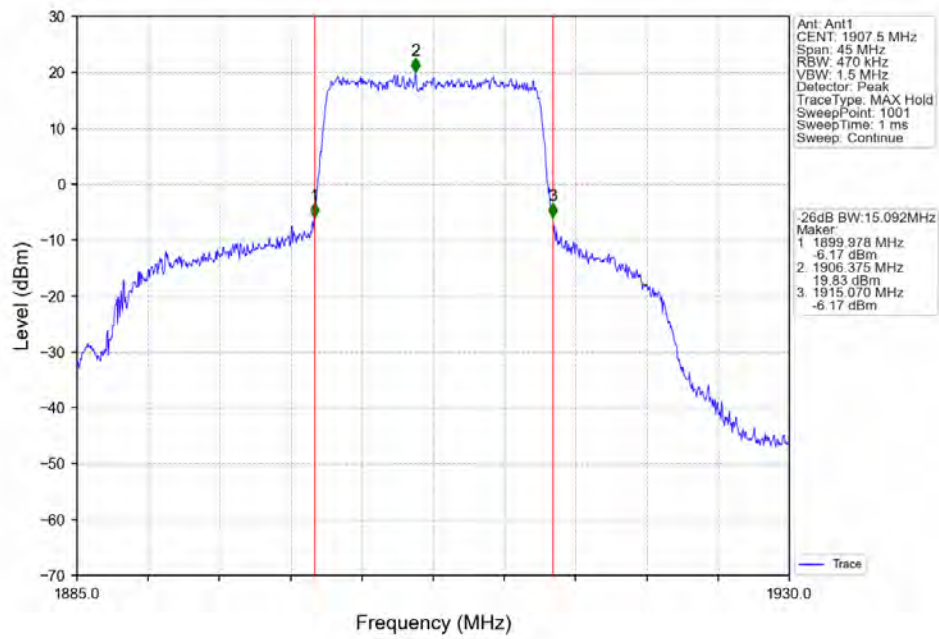
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



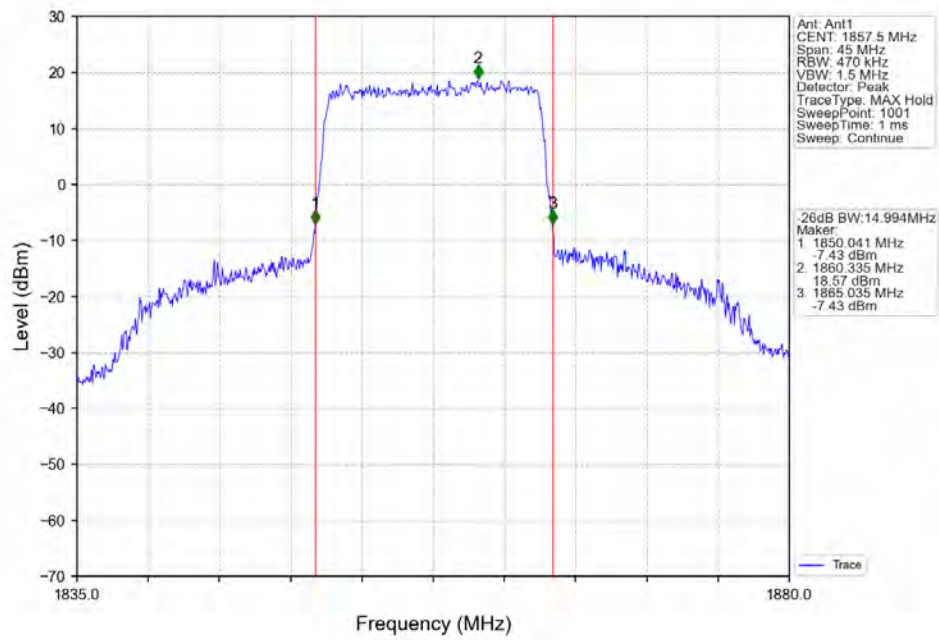
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



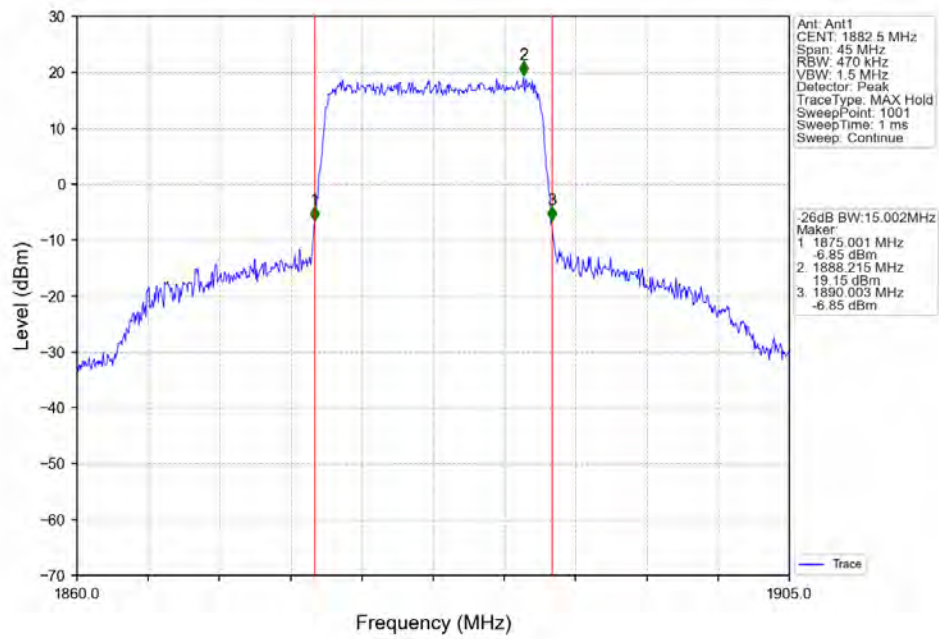
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



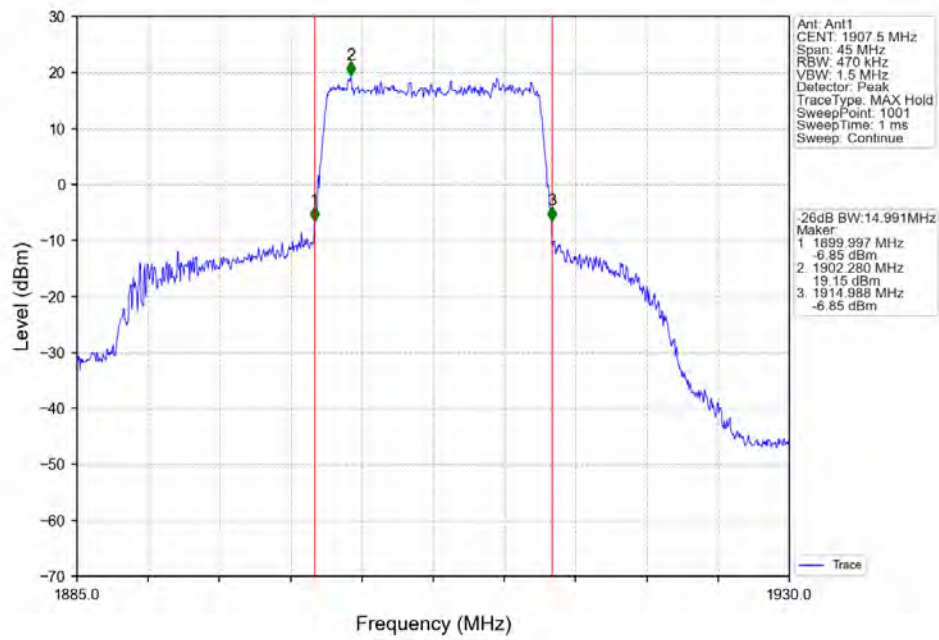
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



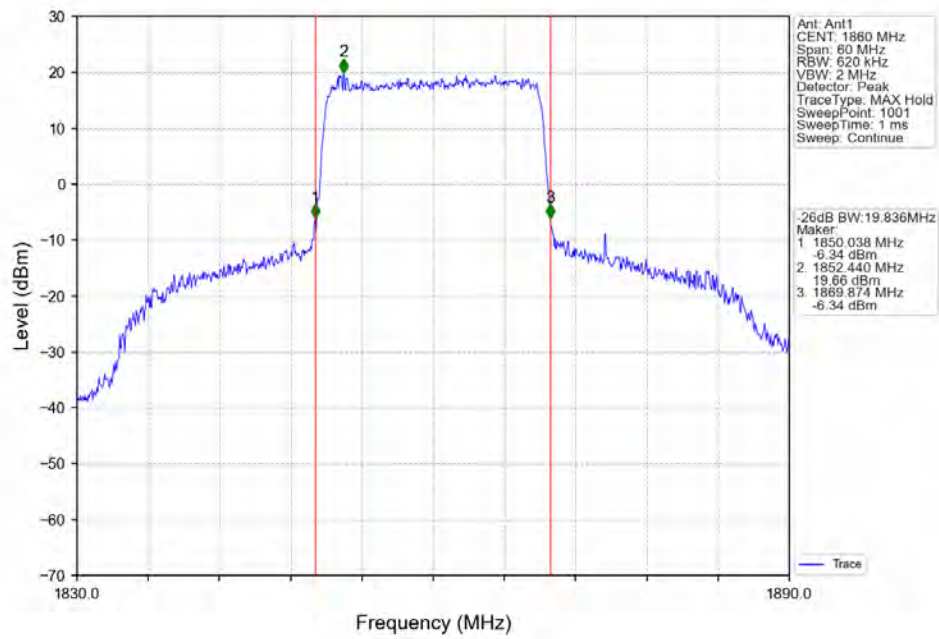
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



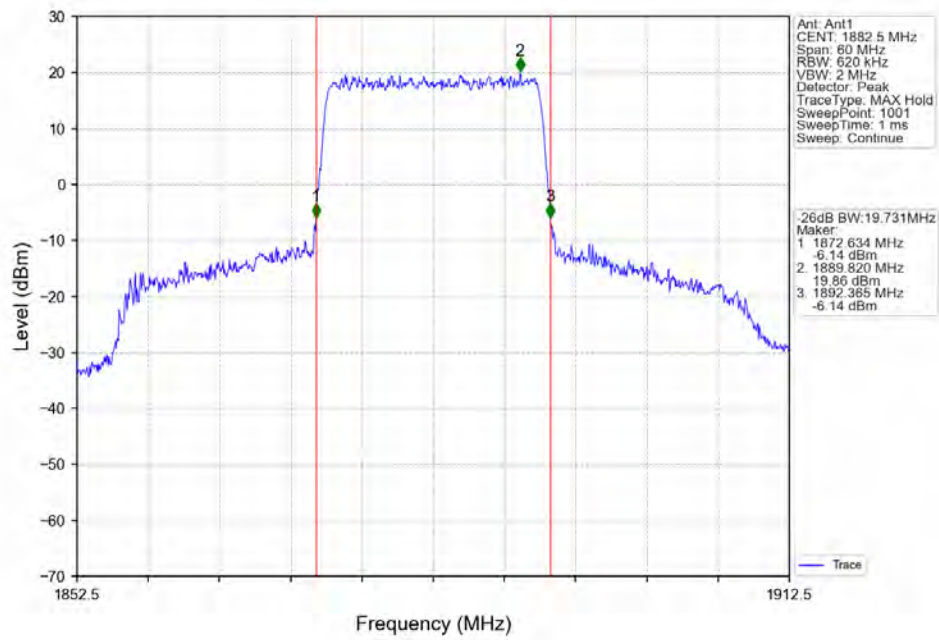
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



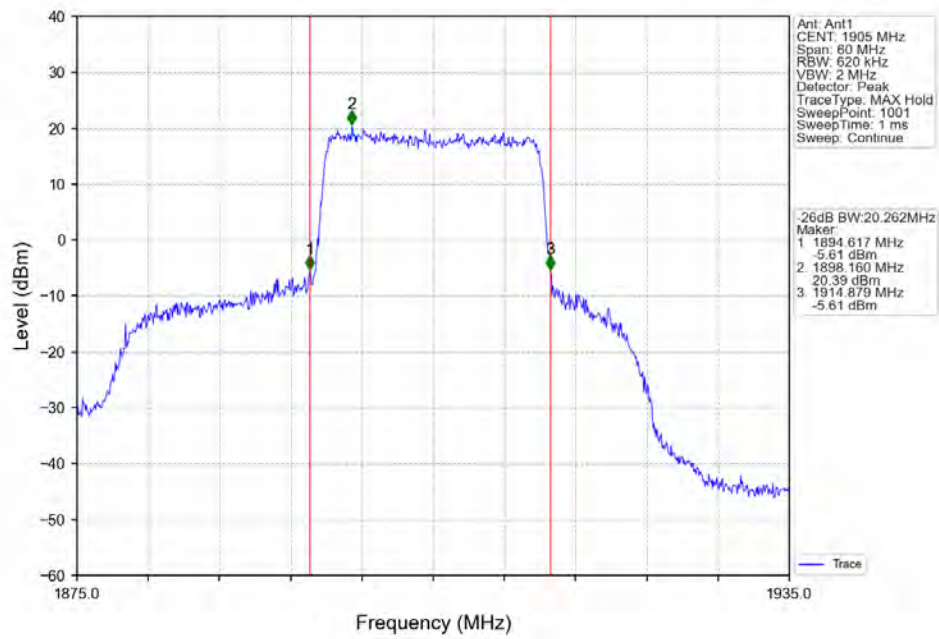
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



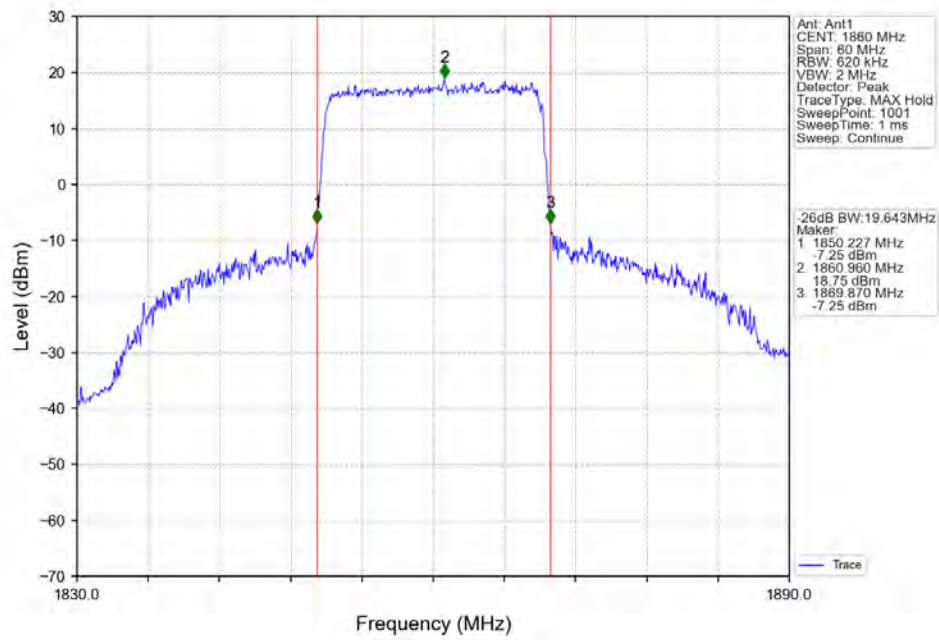
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



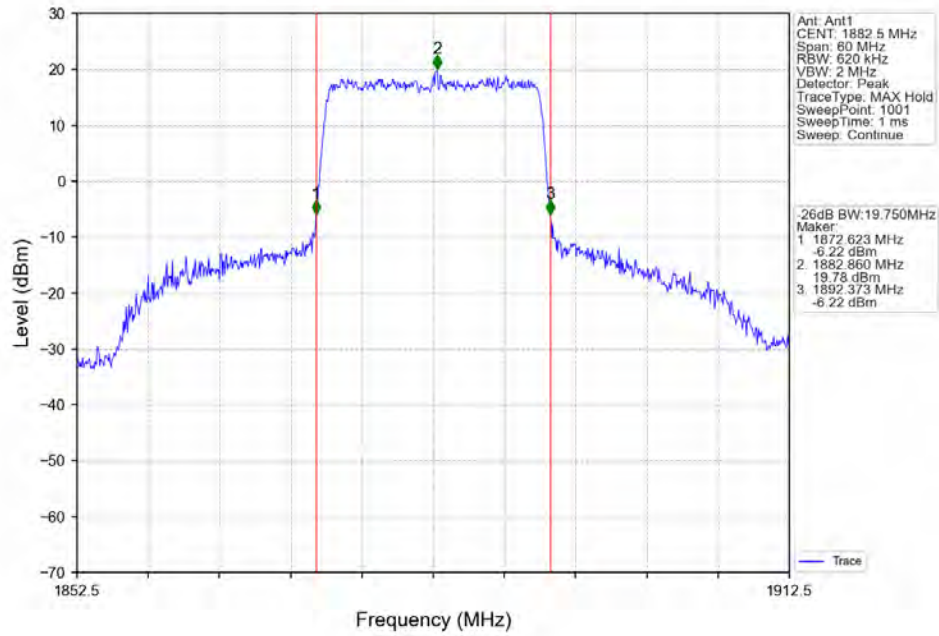
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



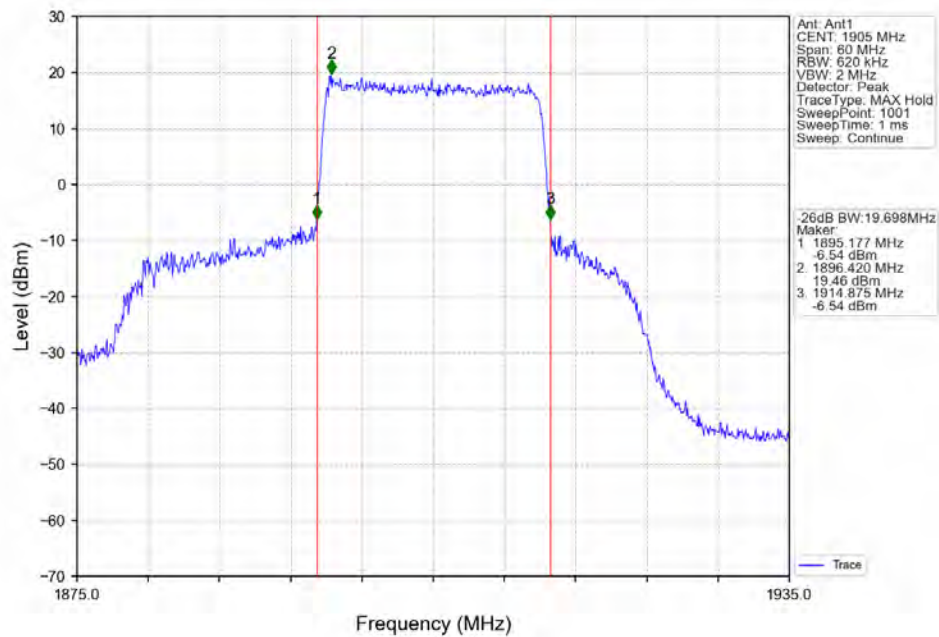
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



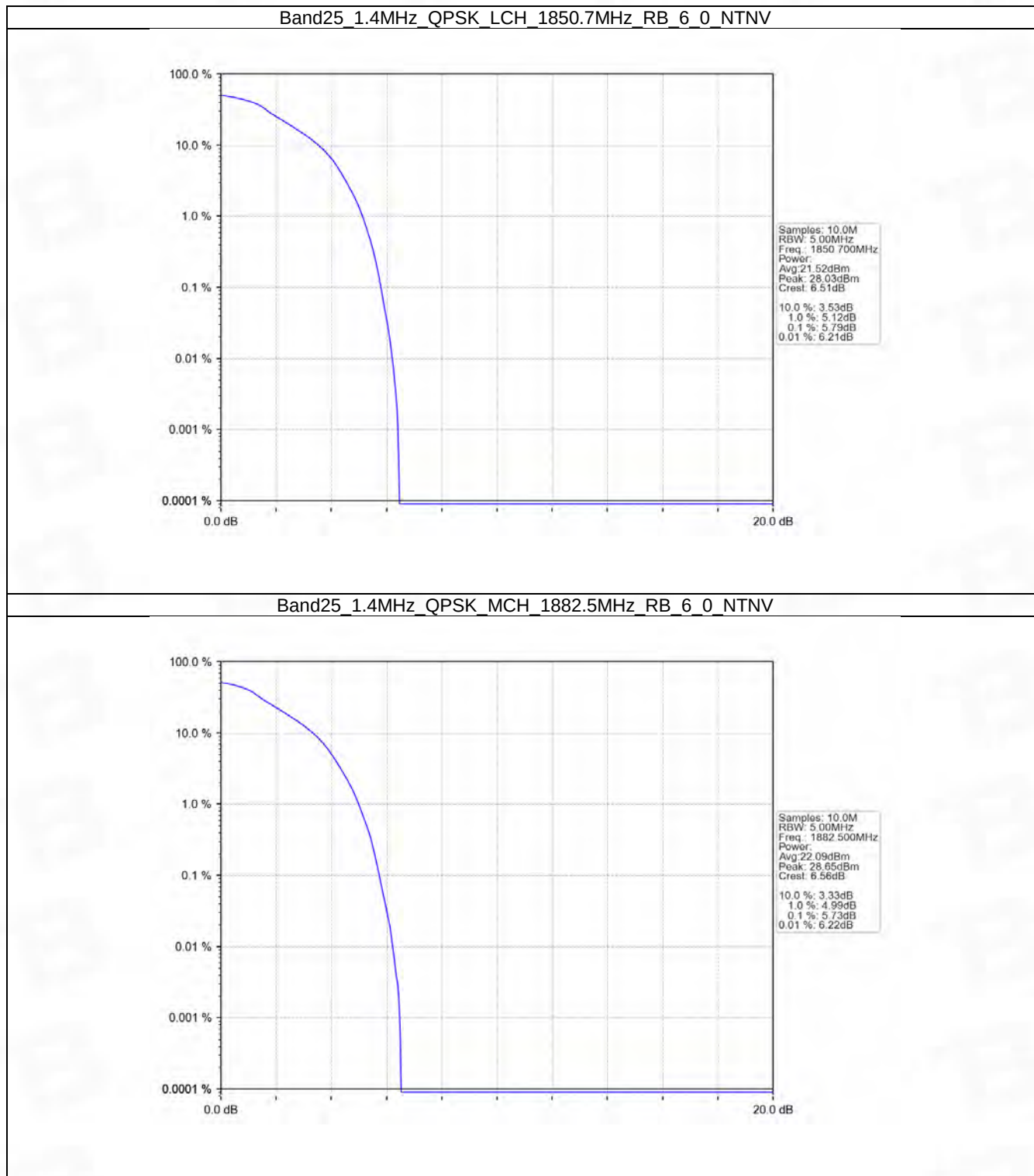
5. Peak-Average Ratio

5.1 B25_1.4MHz

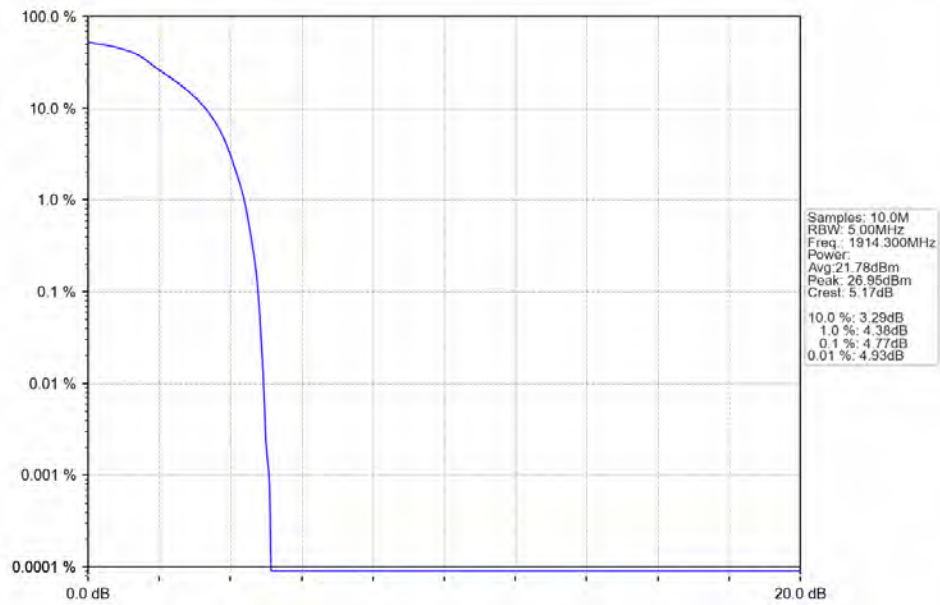
5.1.1 Test Result

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

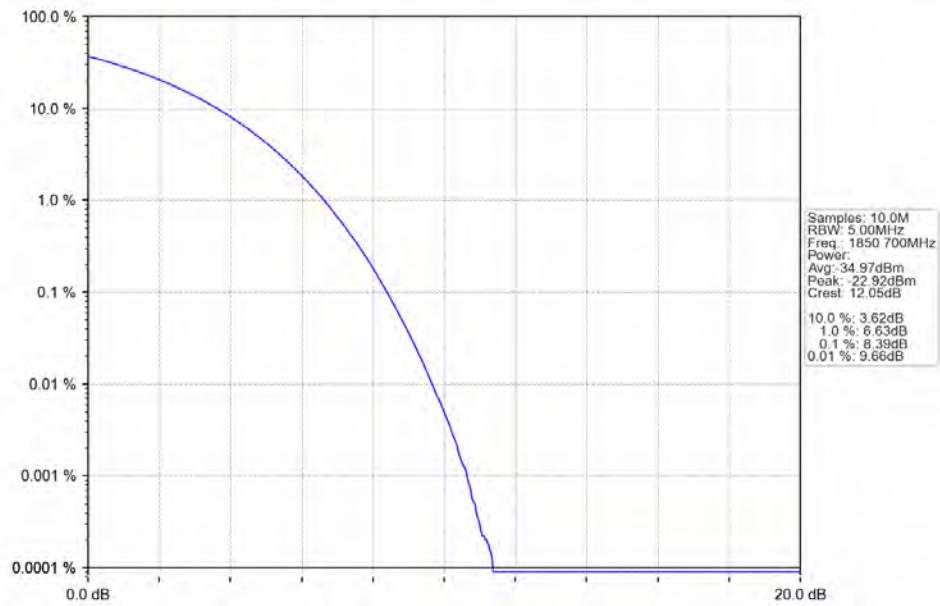
5.1.2 Test Graph



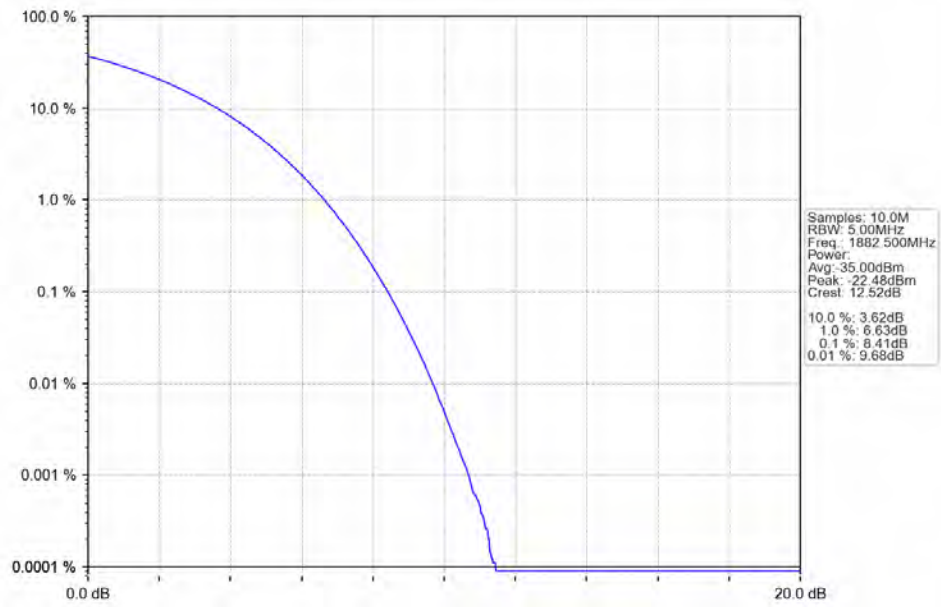
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



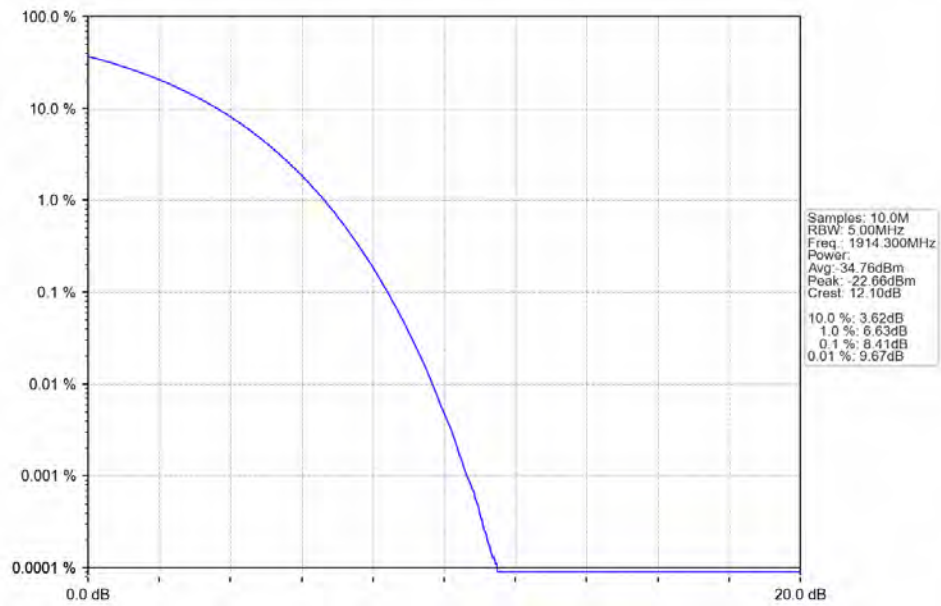
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

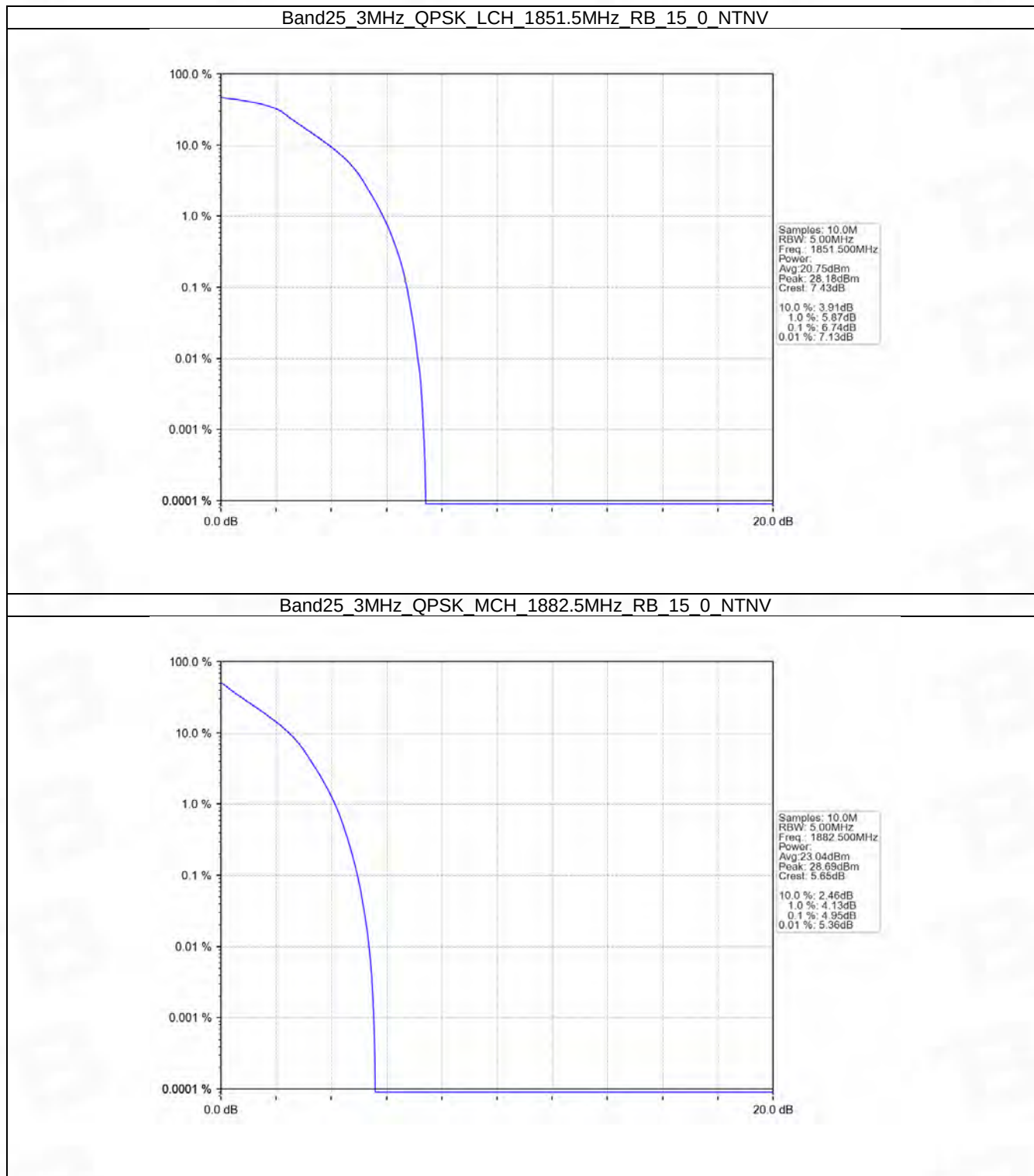


5.2 B25_3MHz

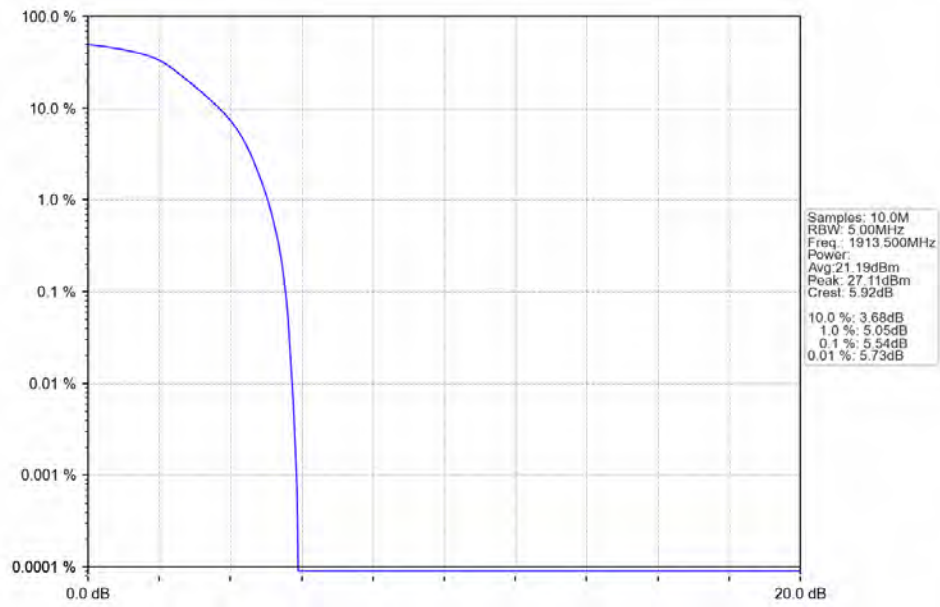
5.2.1 Test Result

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

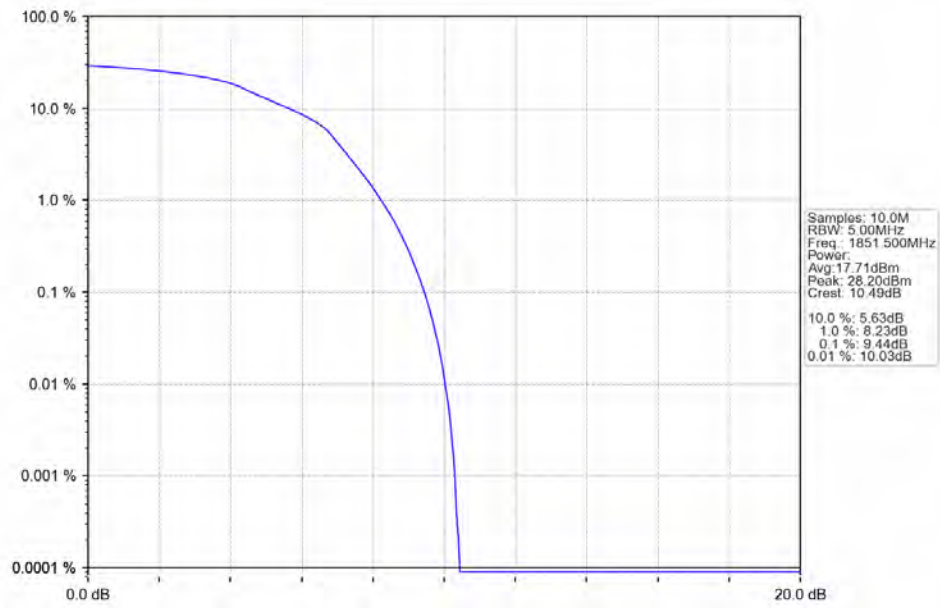
5.2.2 Test Graph



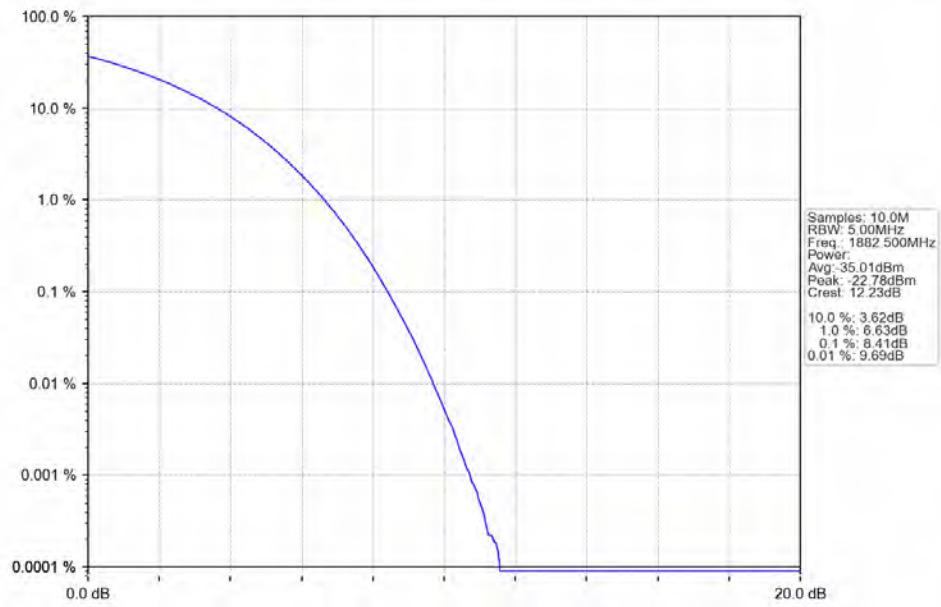
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



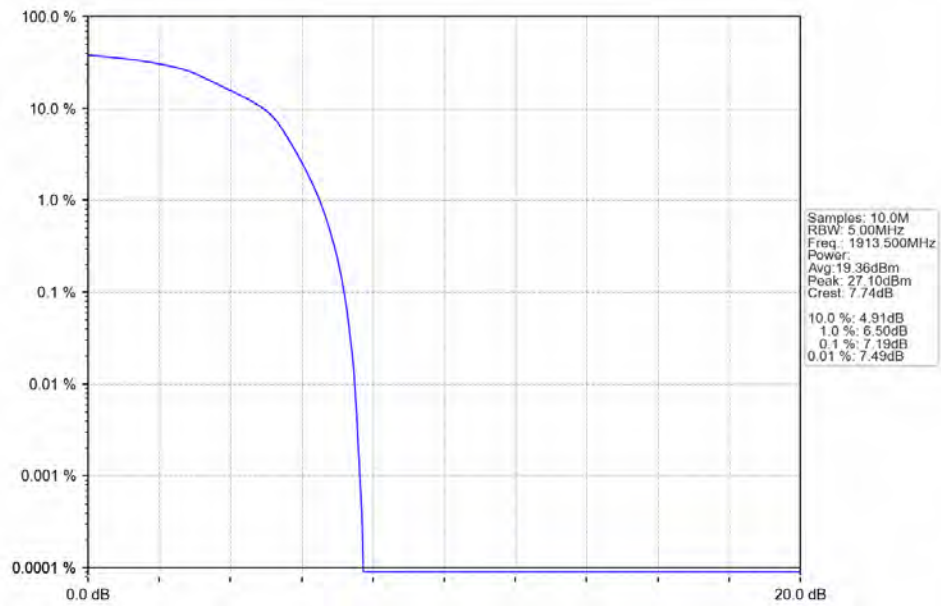
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

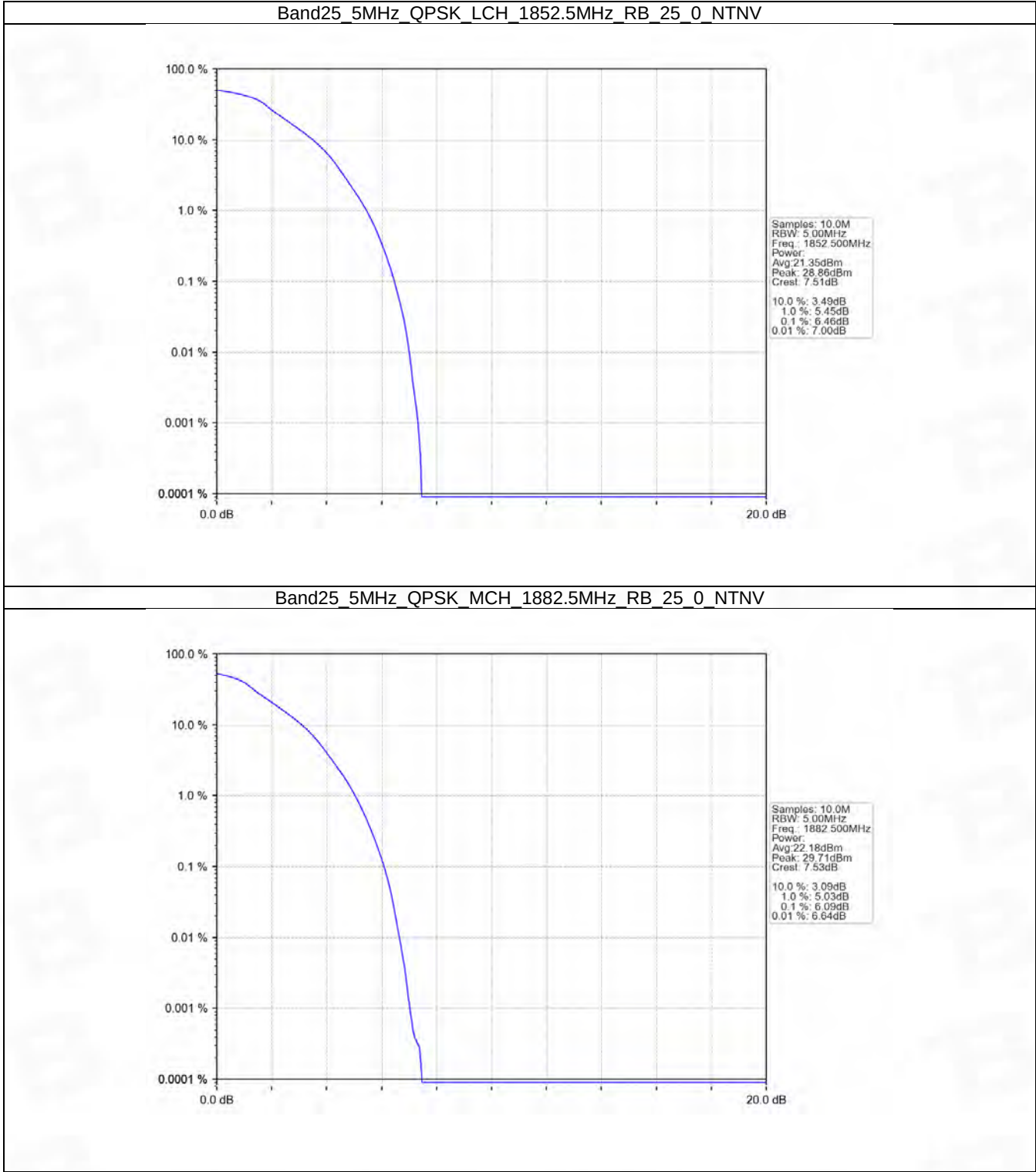


5.3 B25_5MHz

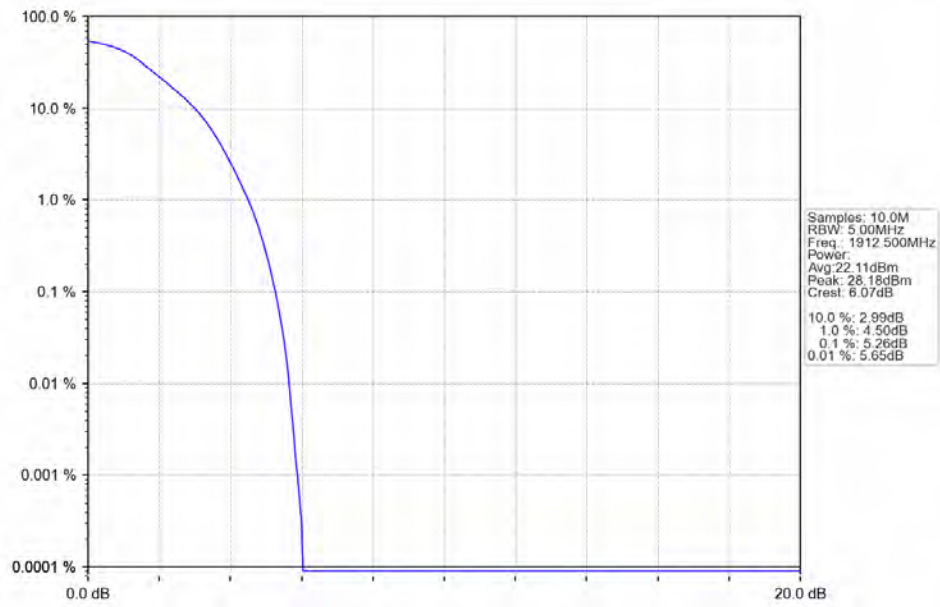
5.3.1 Test Result

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

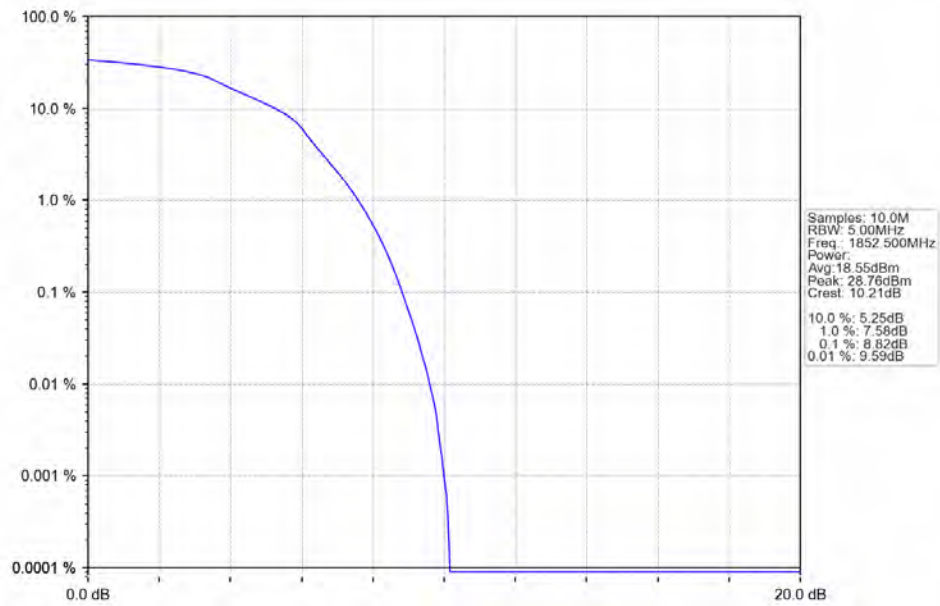
5.3.2 Test Graph



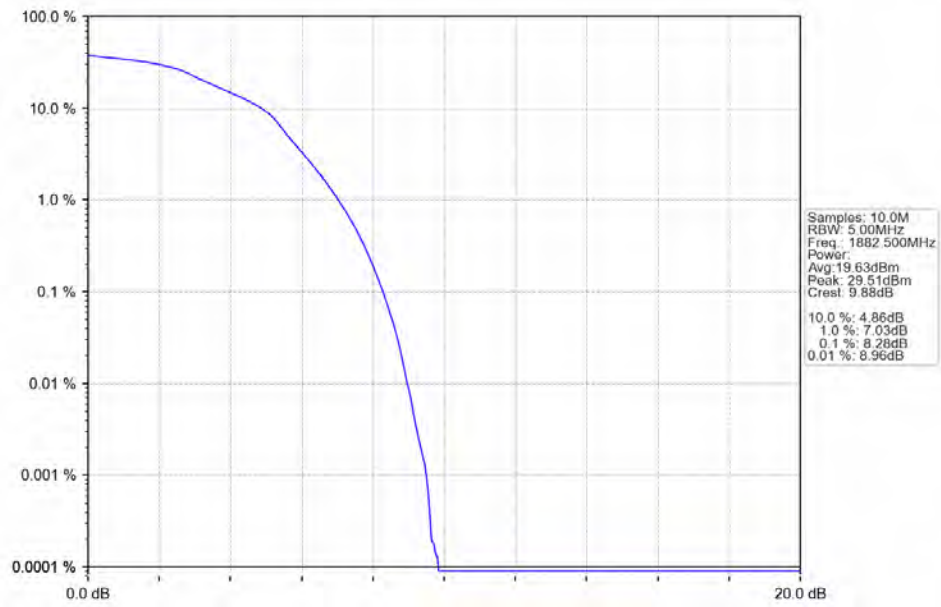
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



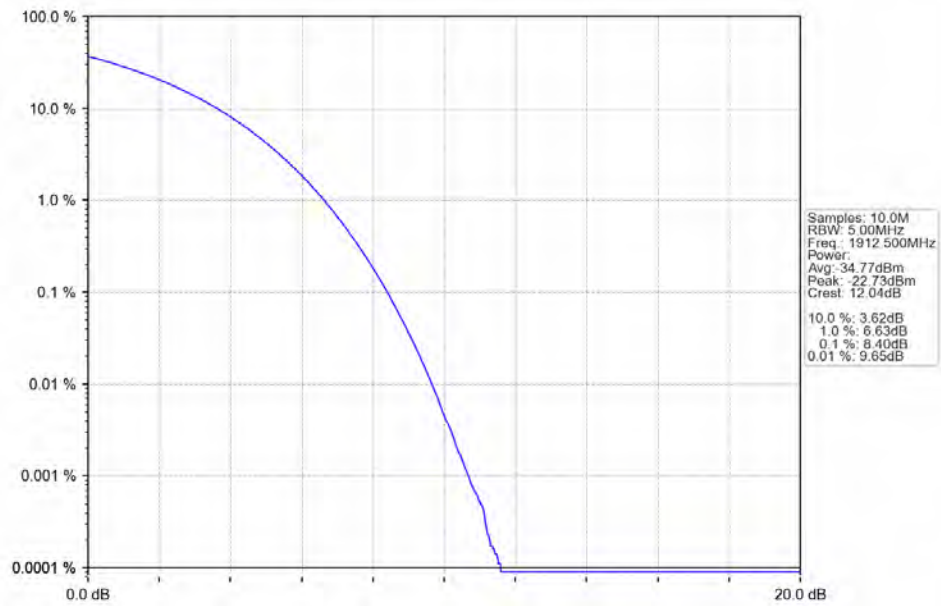
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

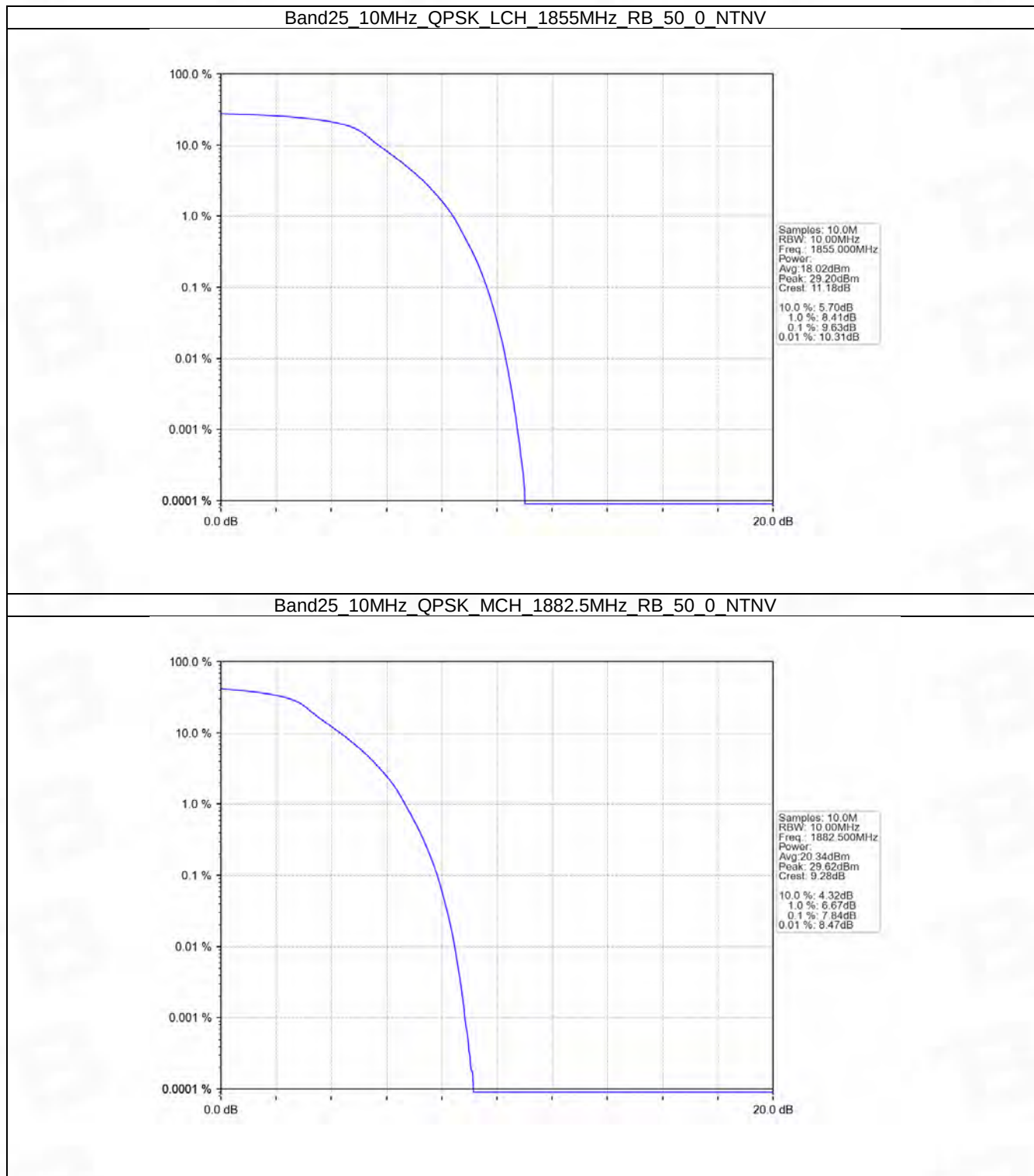


5.4 B25_10MHz

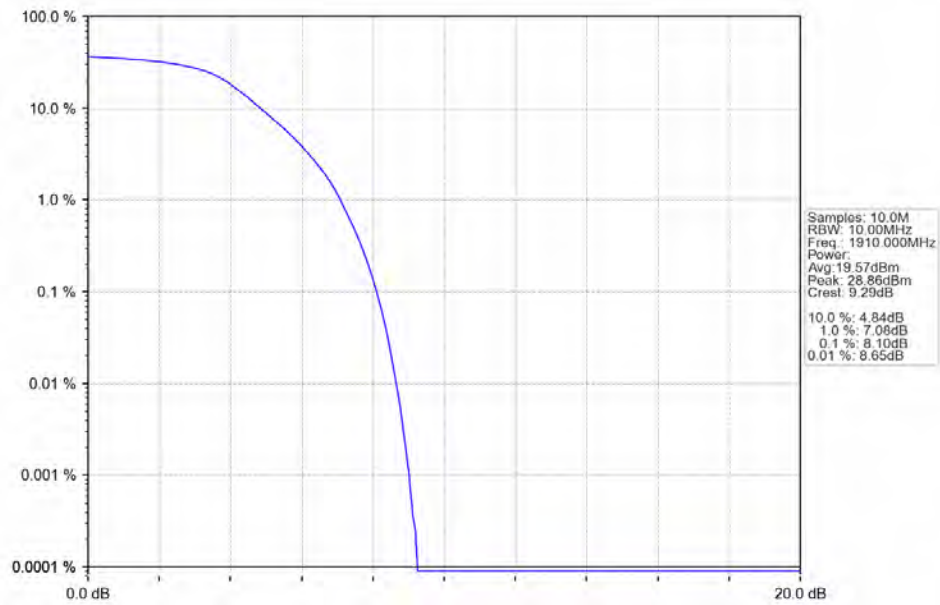
5.4.1 Test Result

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

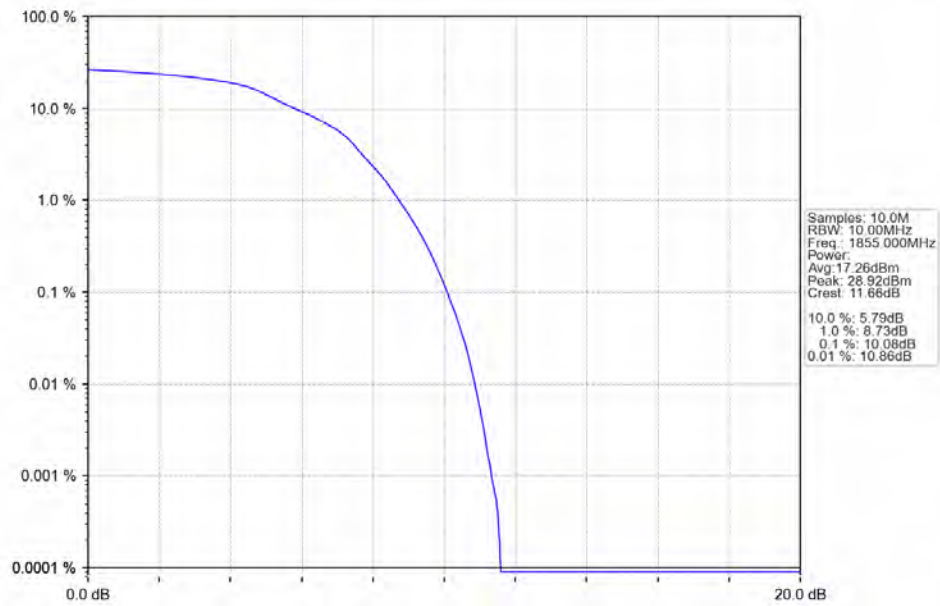
5.4.2 Test Graph



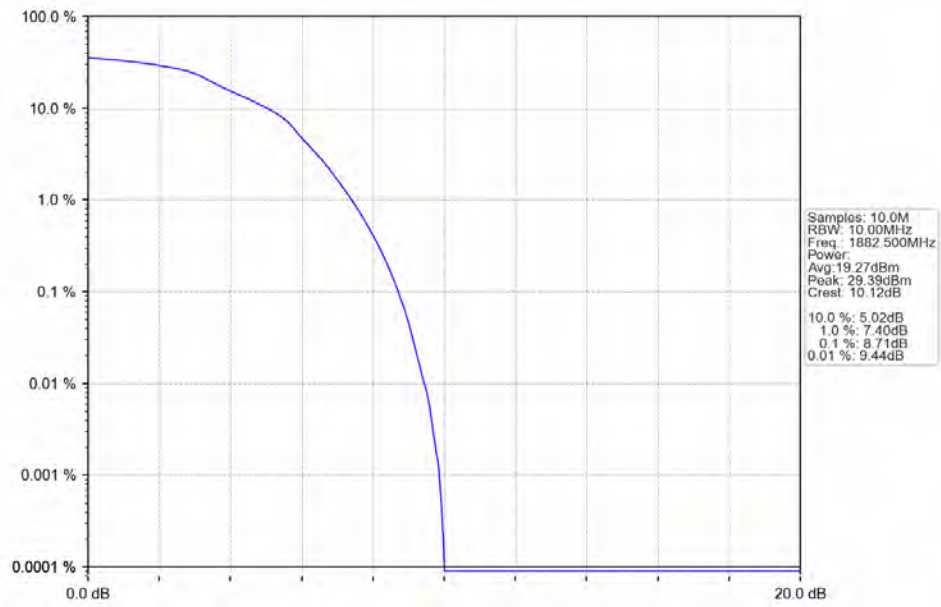
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



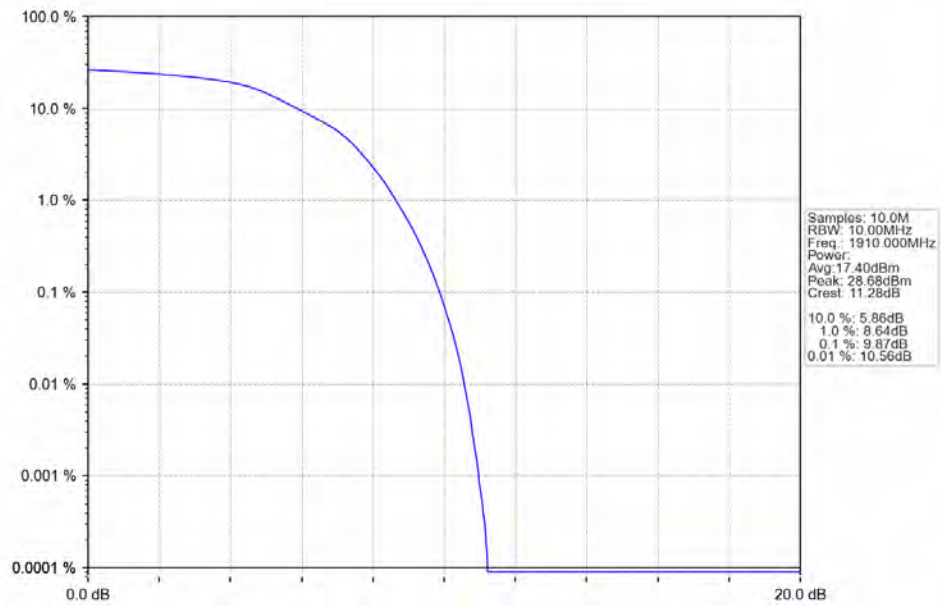
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

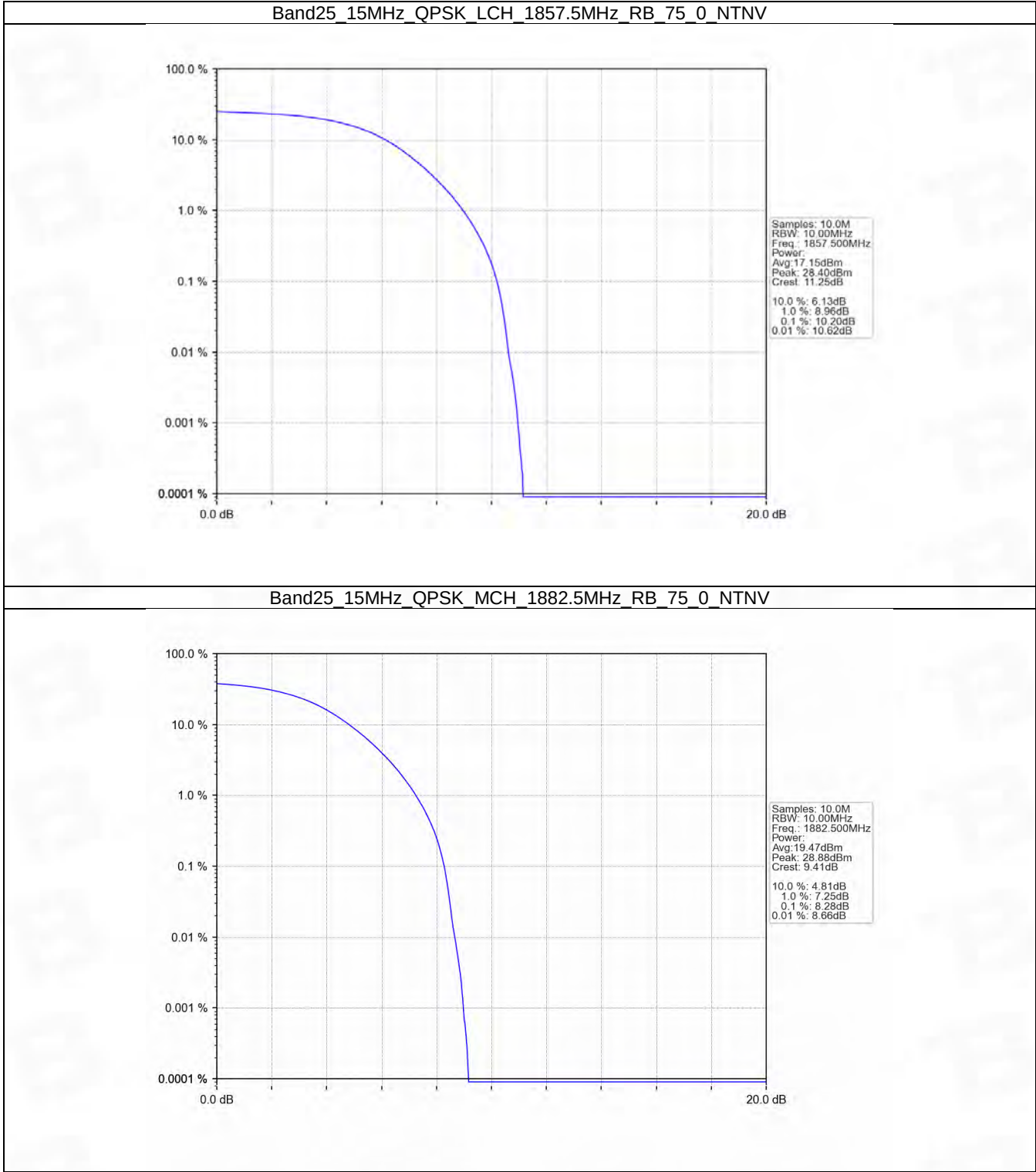


5.5 B25_15MHz

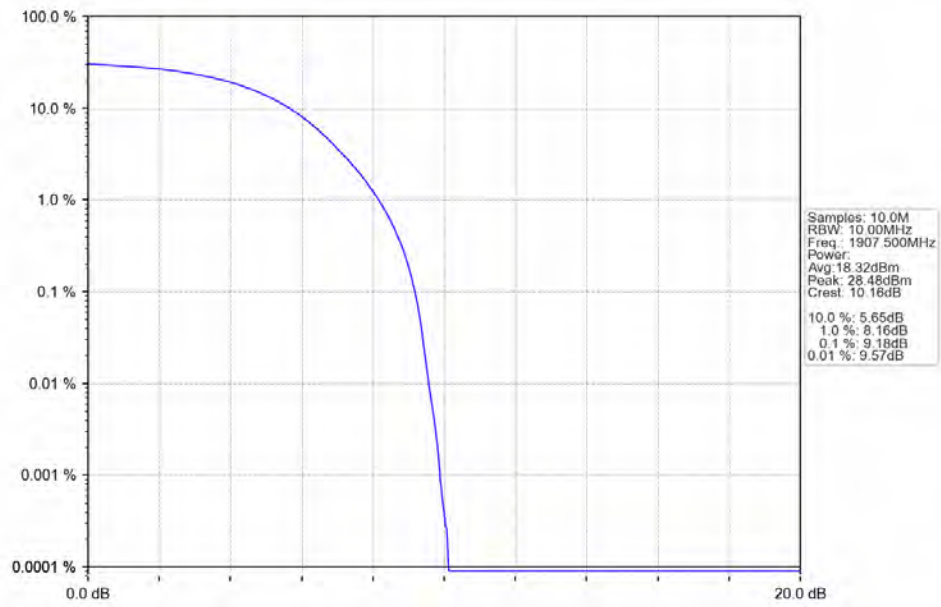
5.5.1 Test Result

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

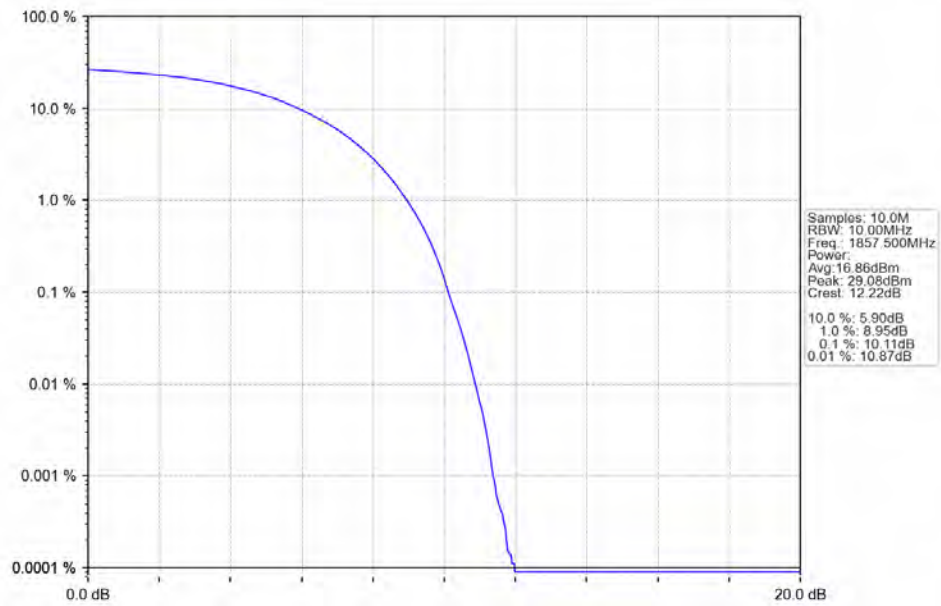
5.5.2 Test Graph



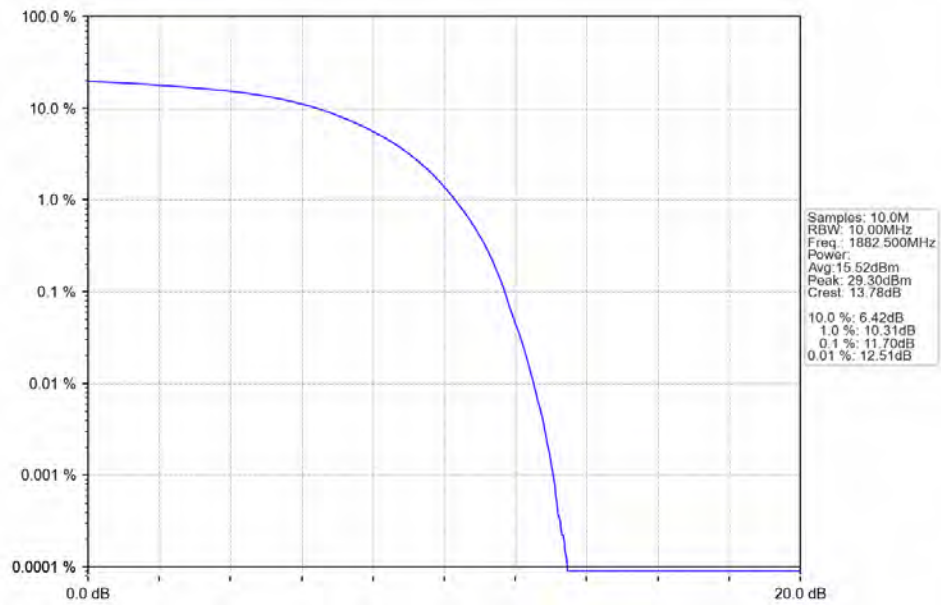
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



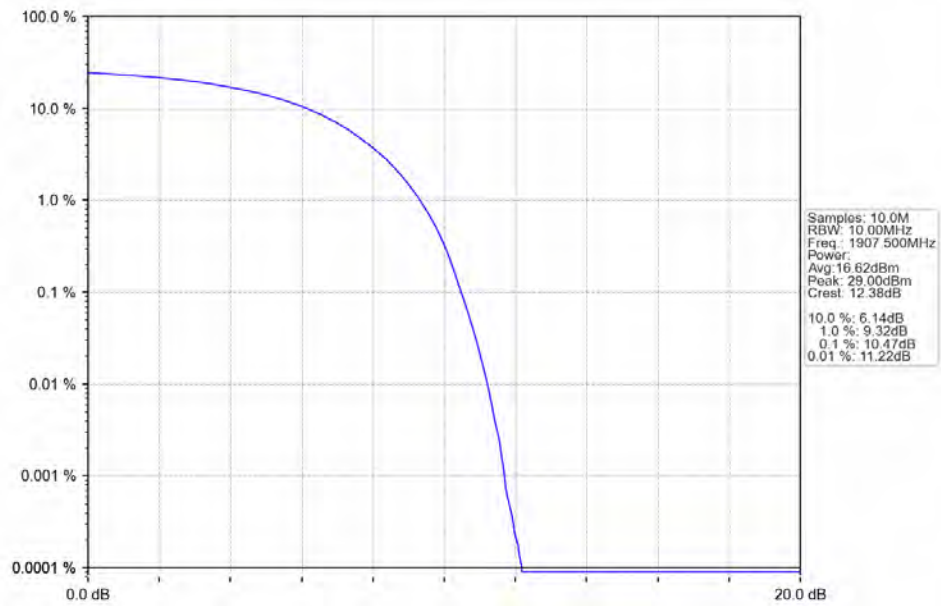
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

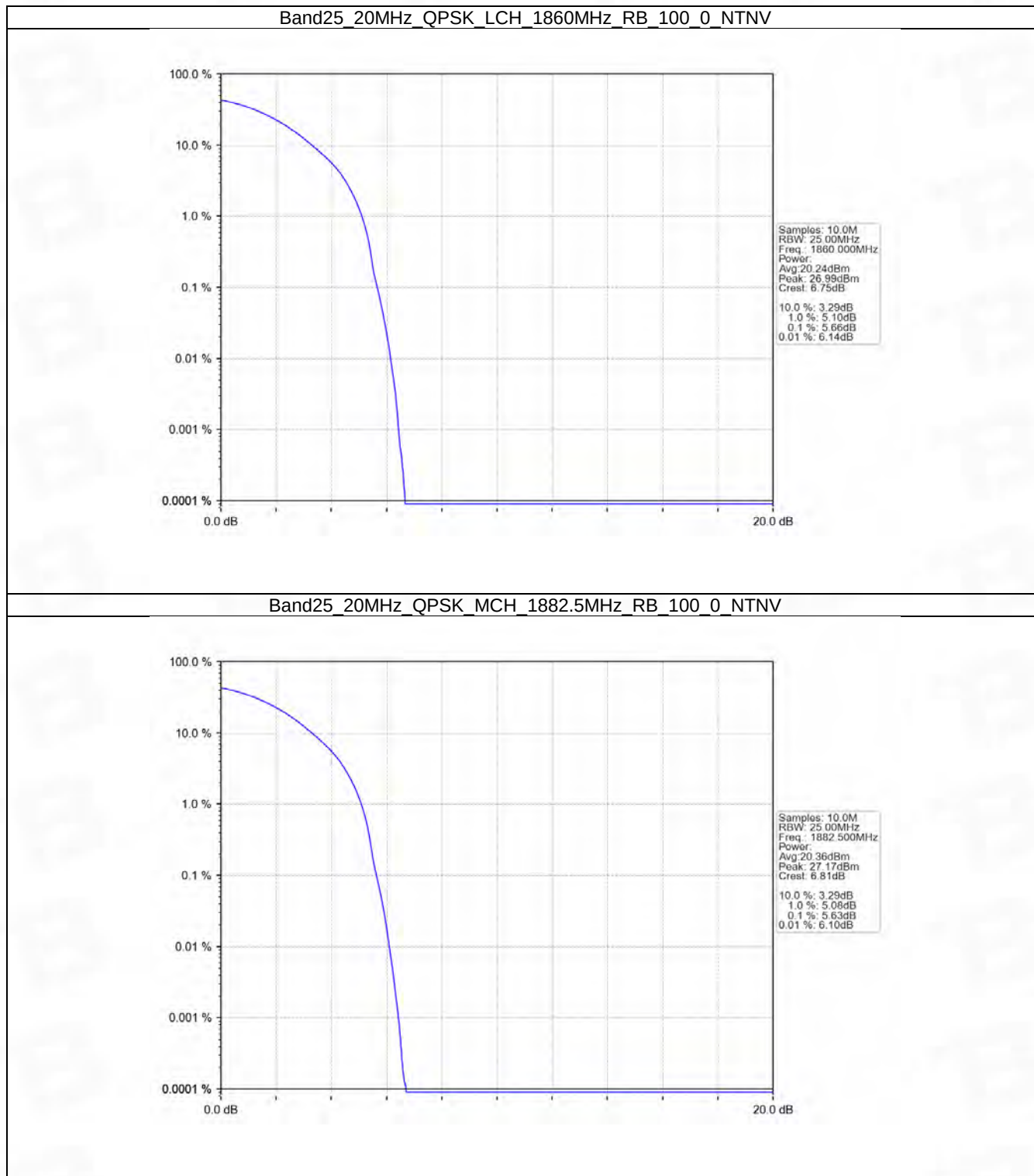


5.6 B25_20MHz

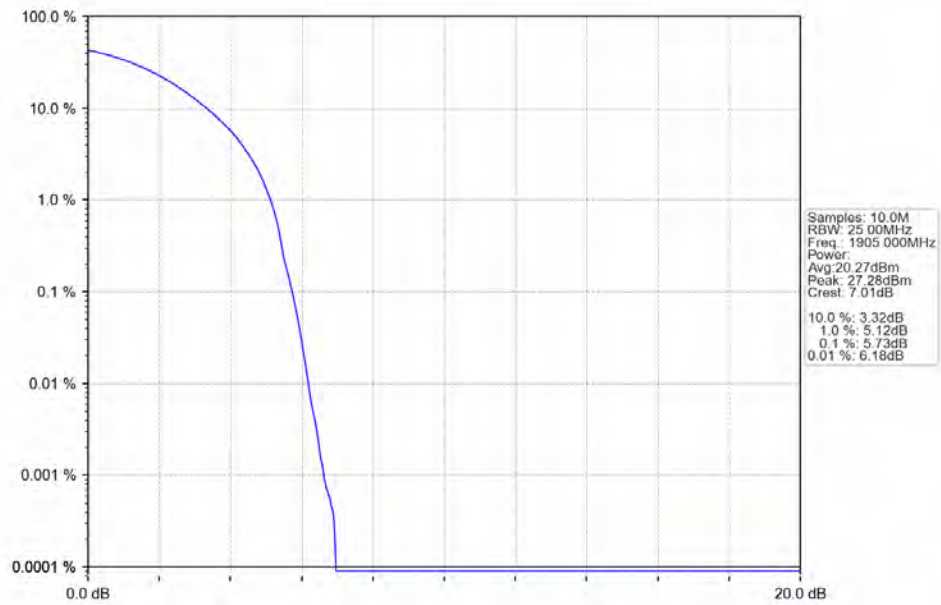
5.6.1 Test Result

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

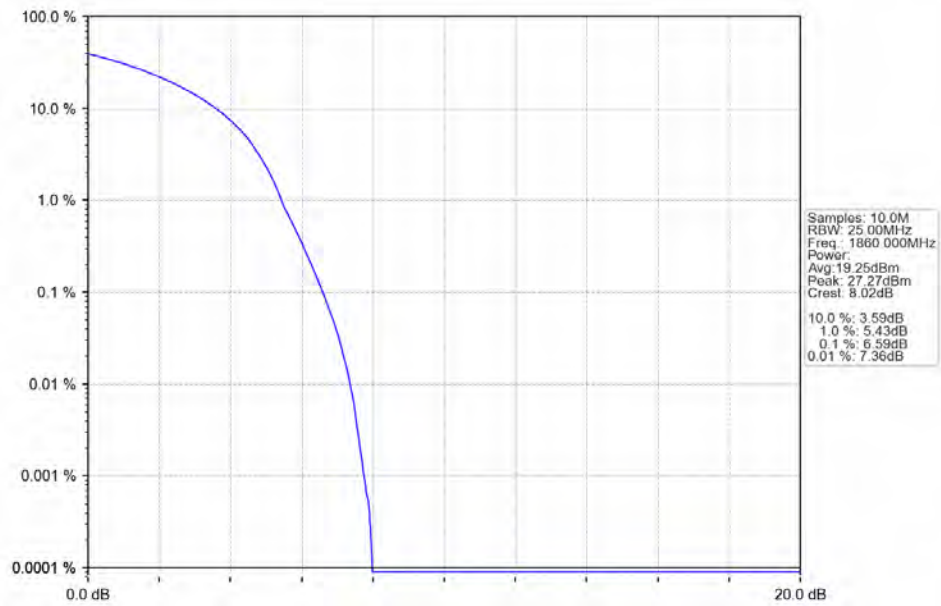
5.6.2 Test Graph



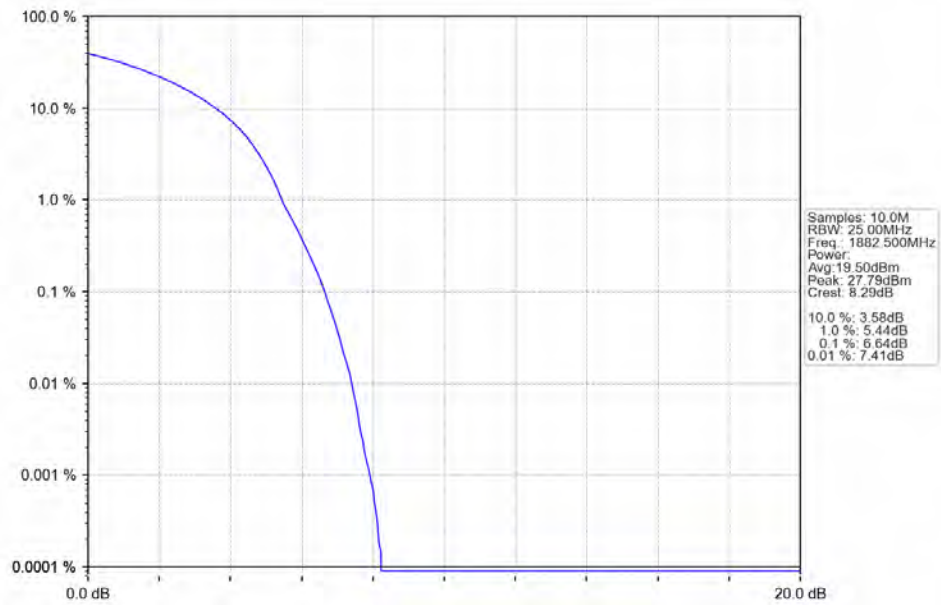
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



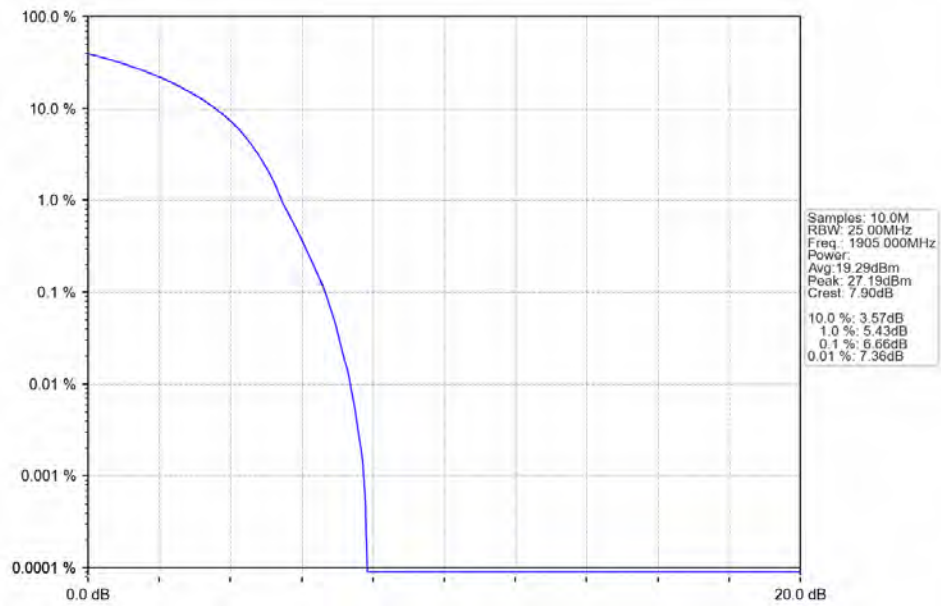
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



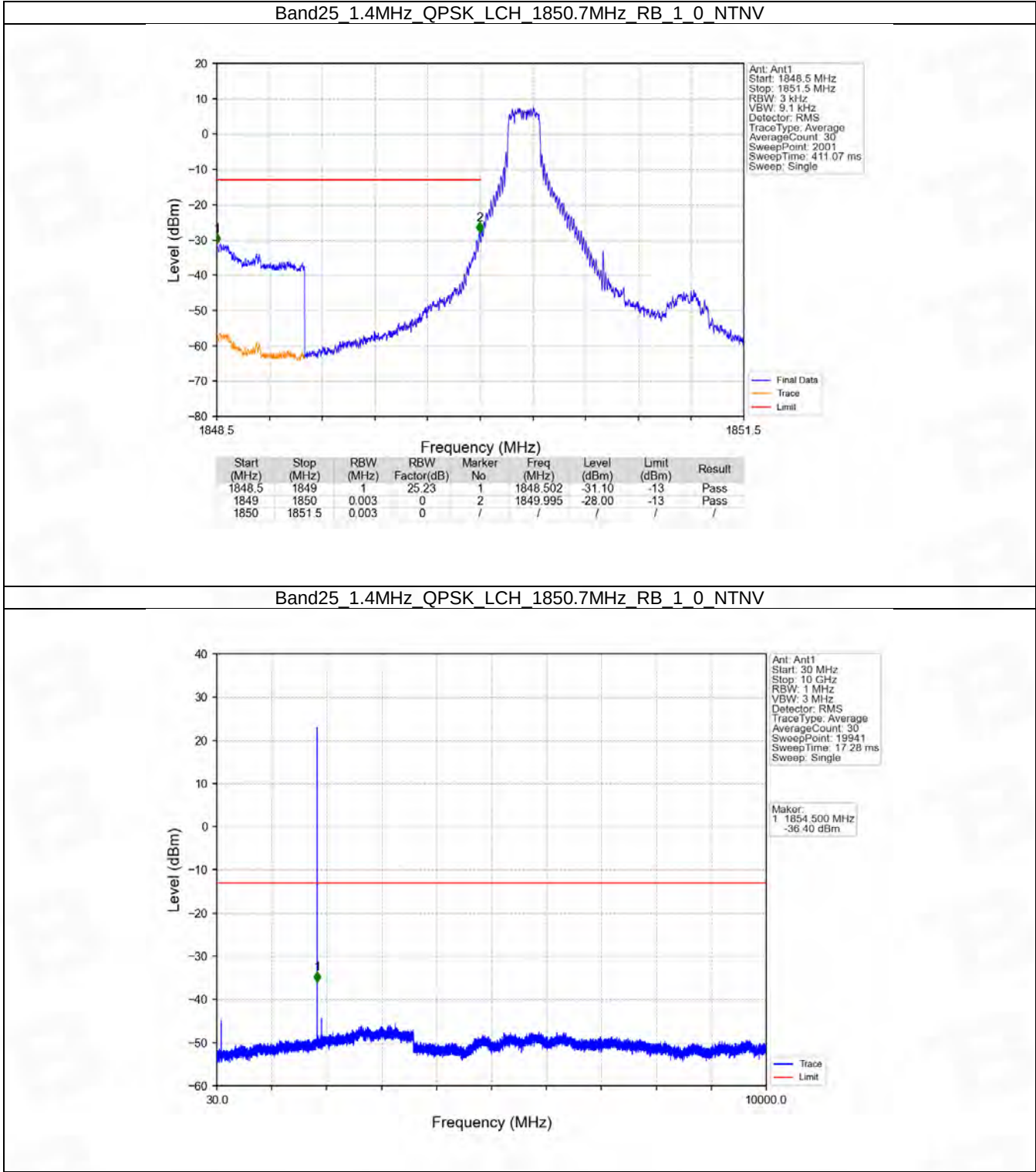
6. Spurious Emission

6.1 B25_1.4MHz

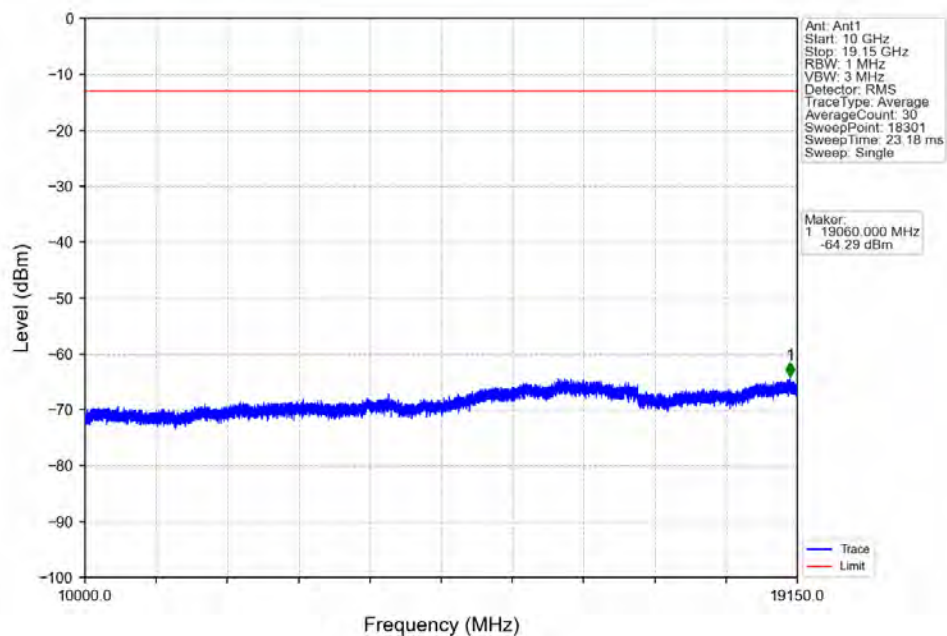
6.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			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
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

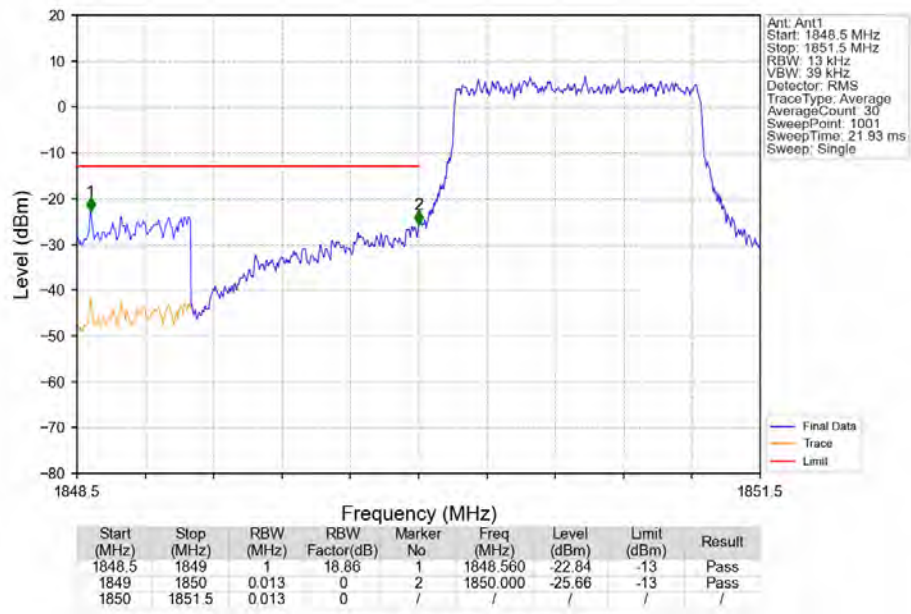
6.1.2 Test Graph



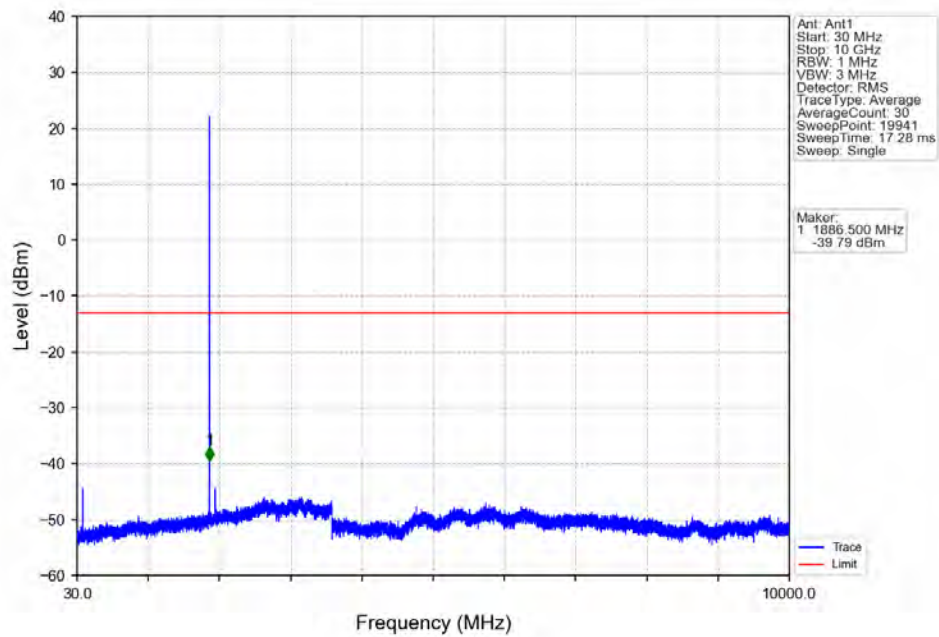
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



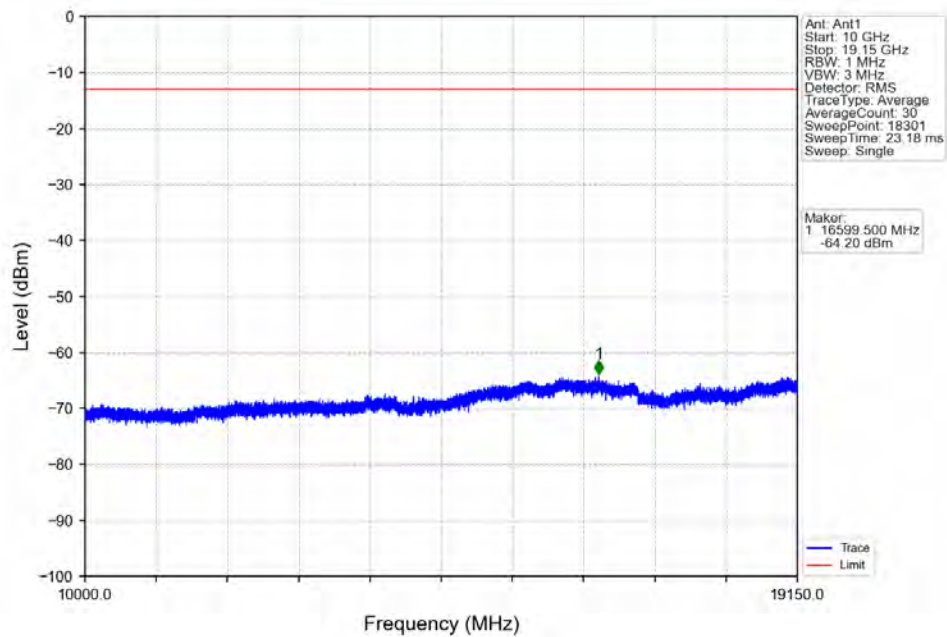
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



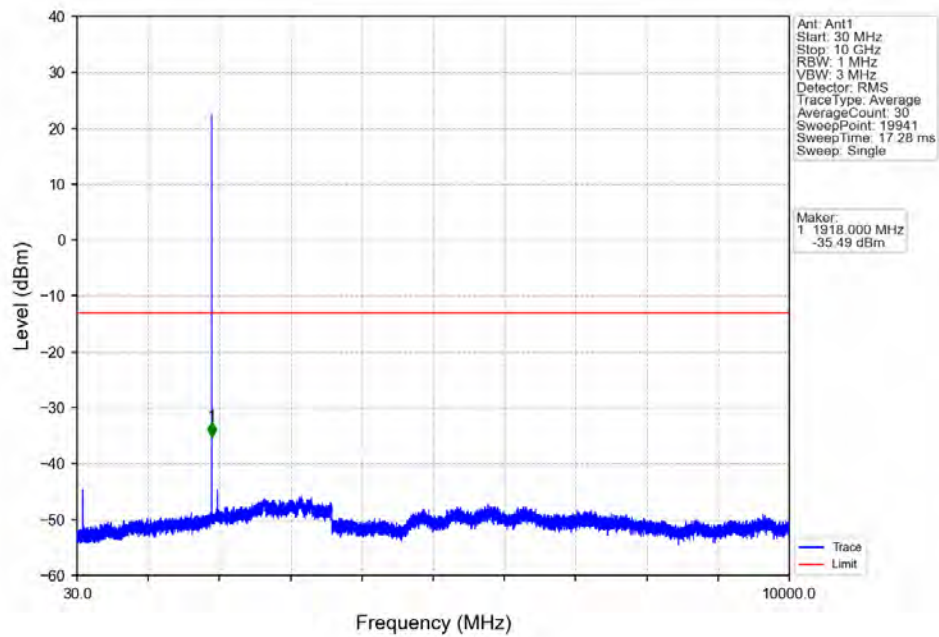
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



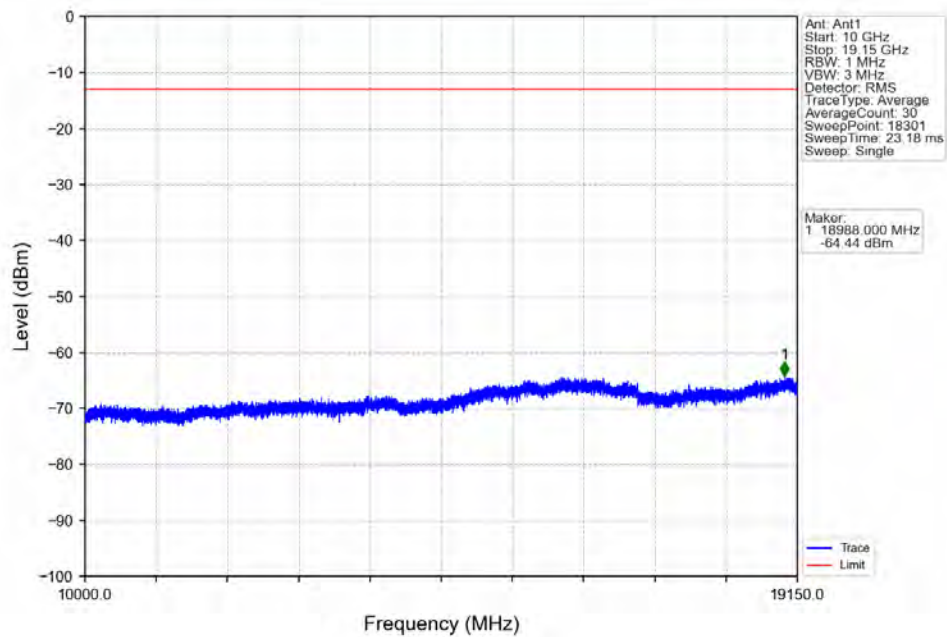
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



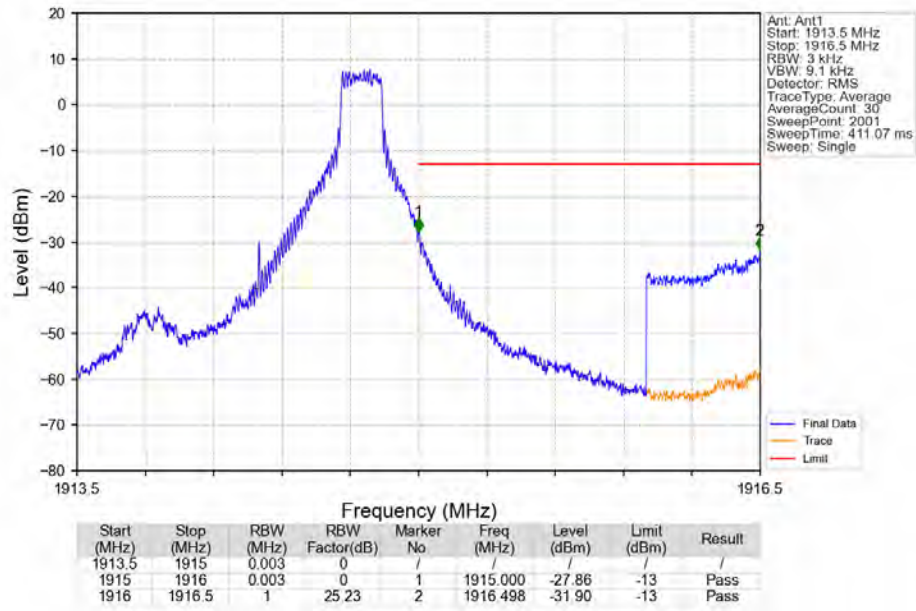
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



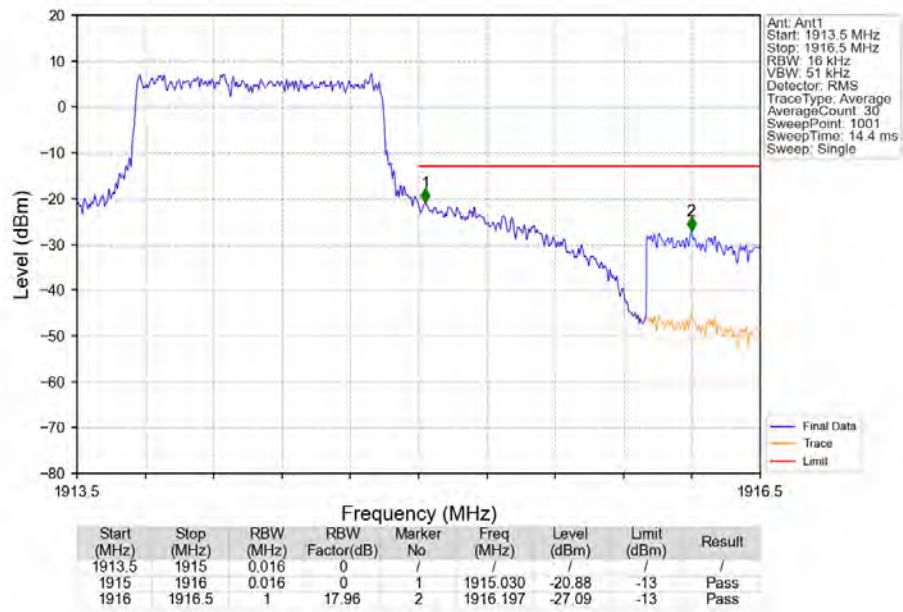
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



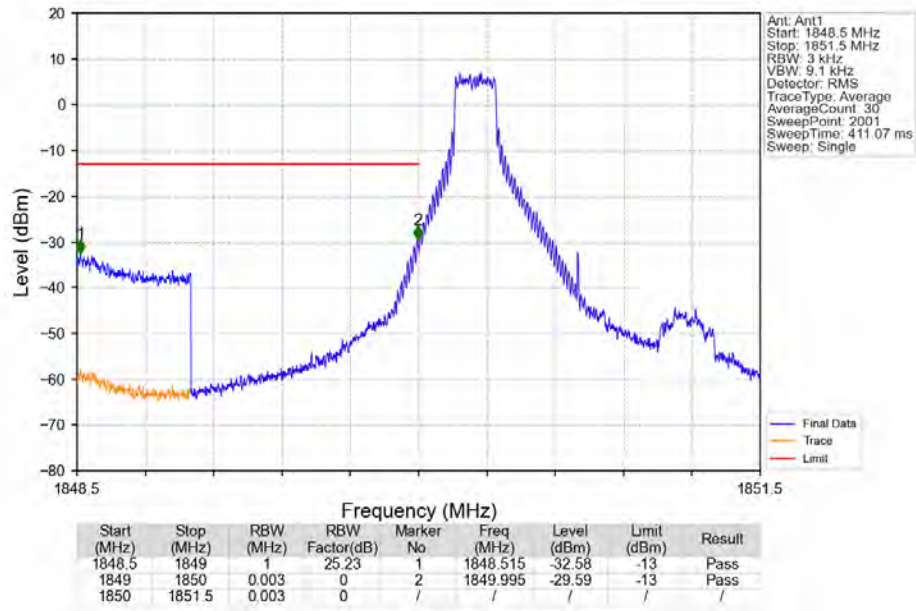
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTN



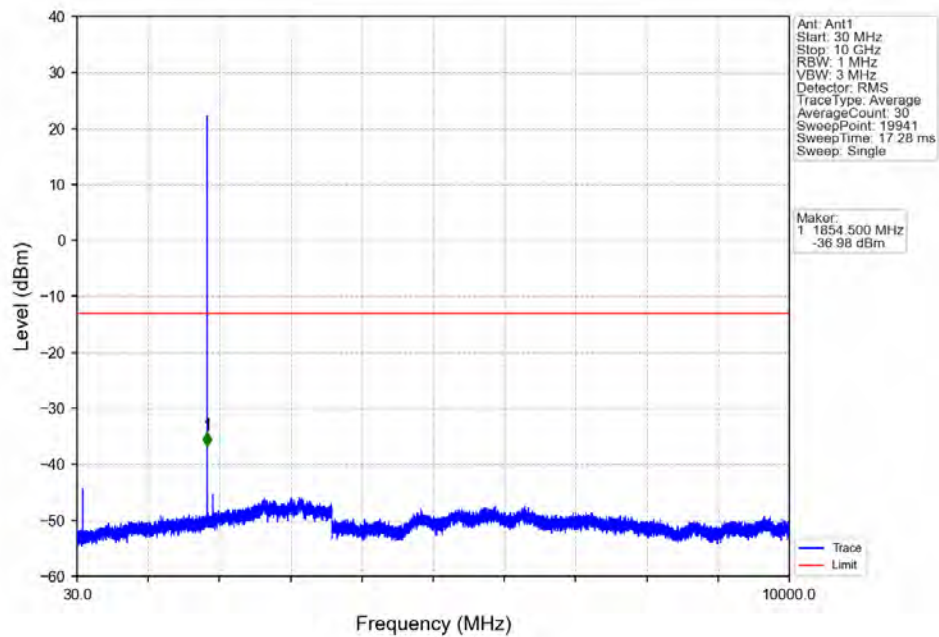
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



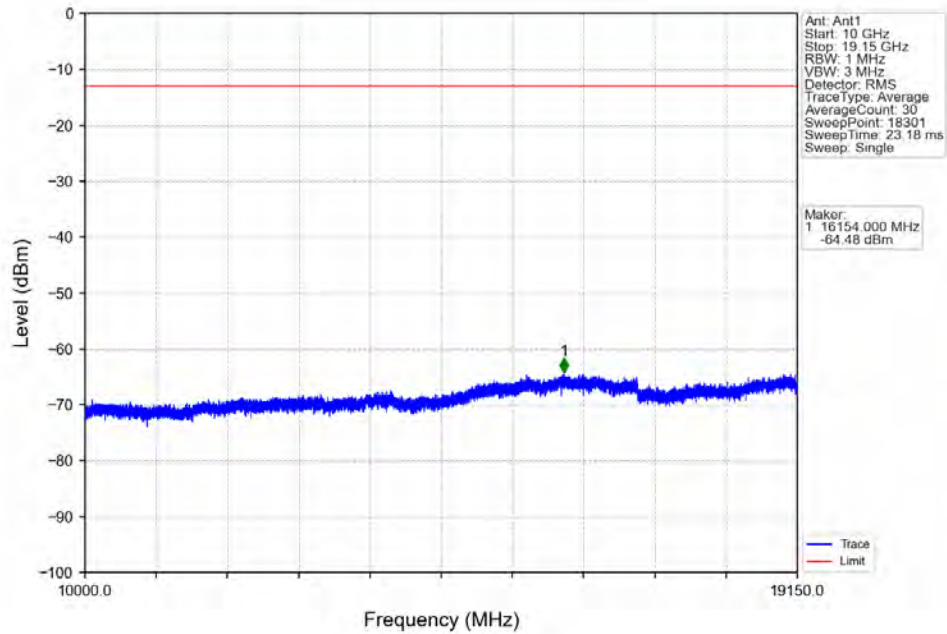
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



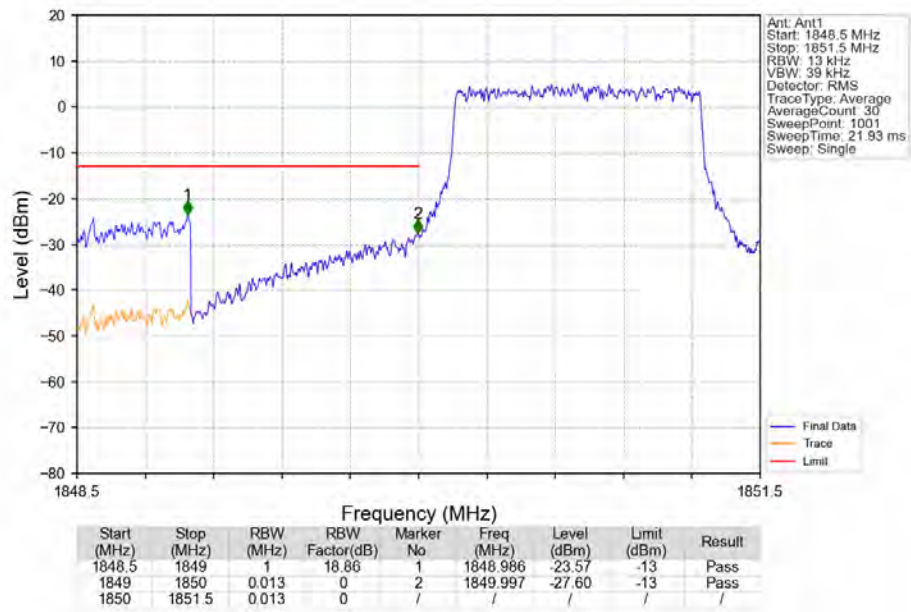
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



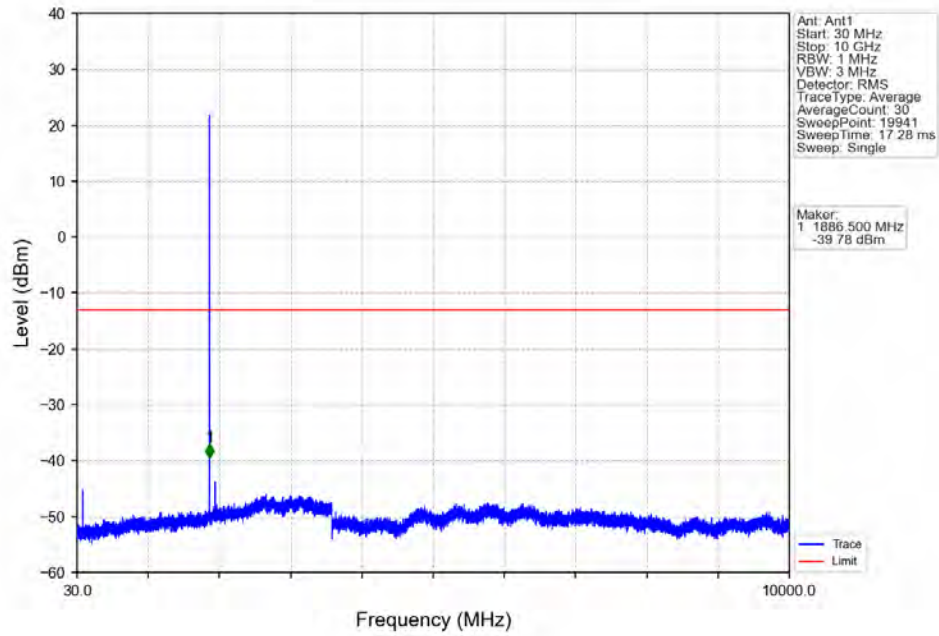
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



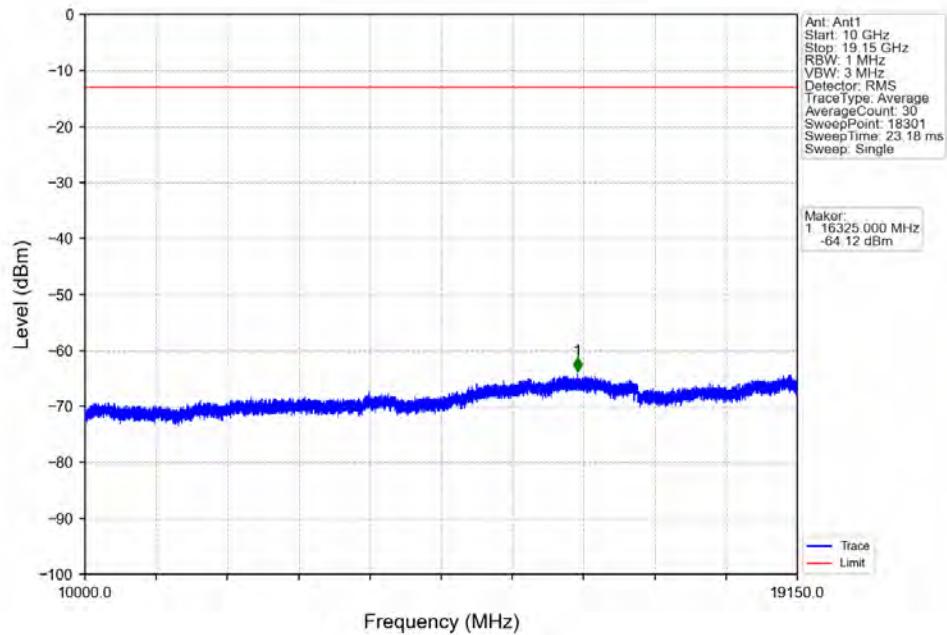
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



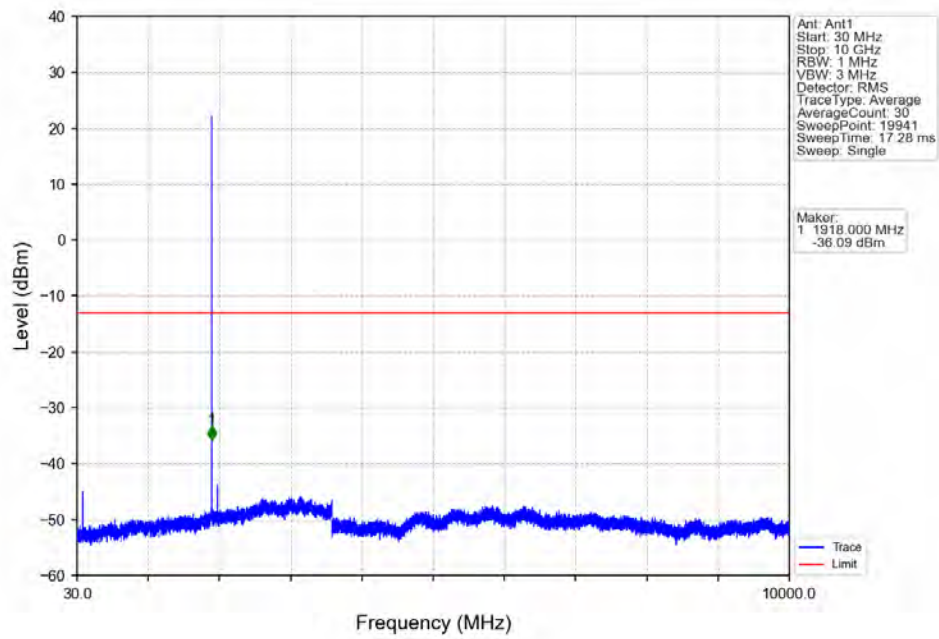
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



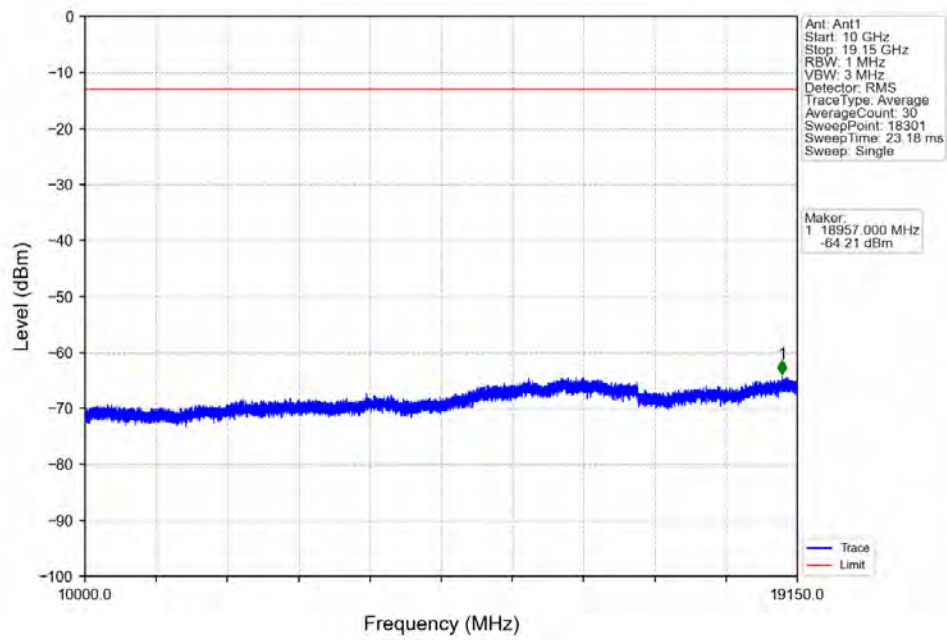
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



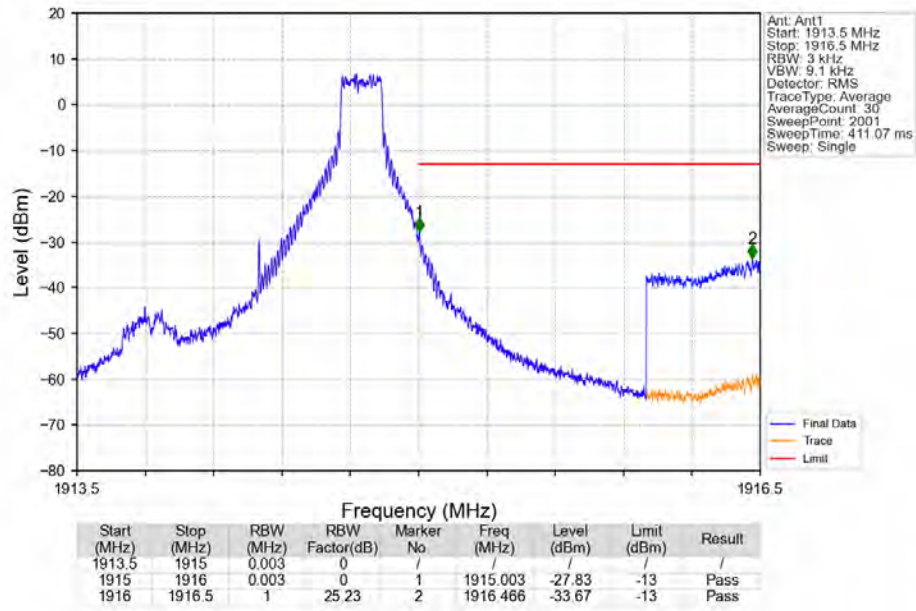
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



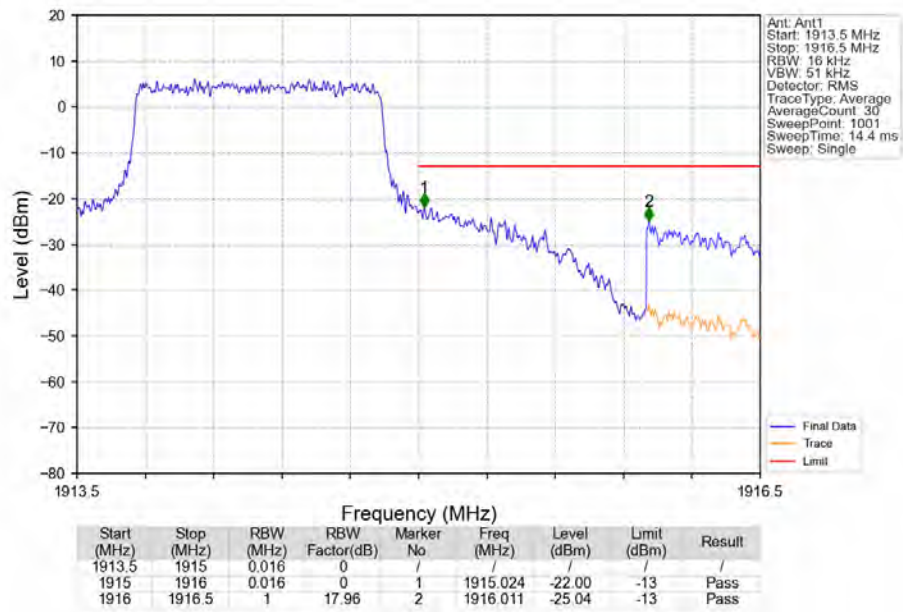
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

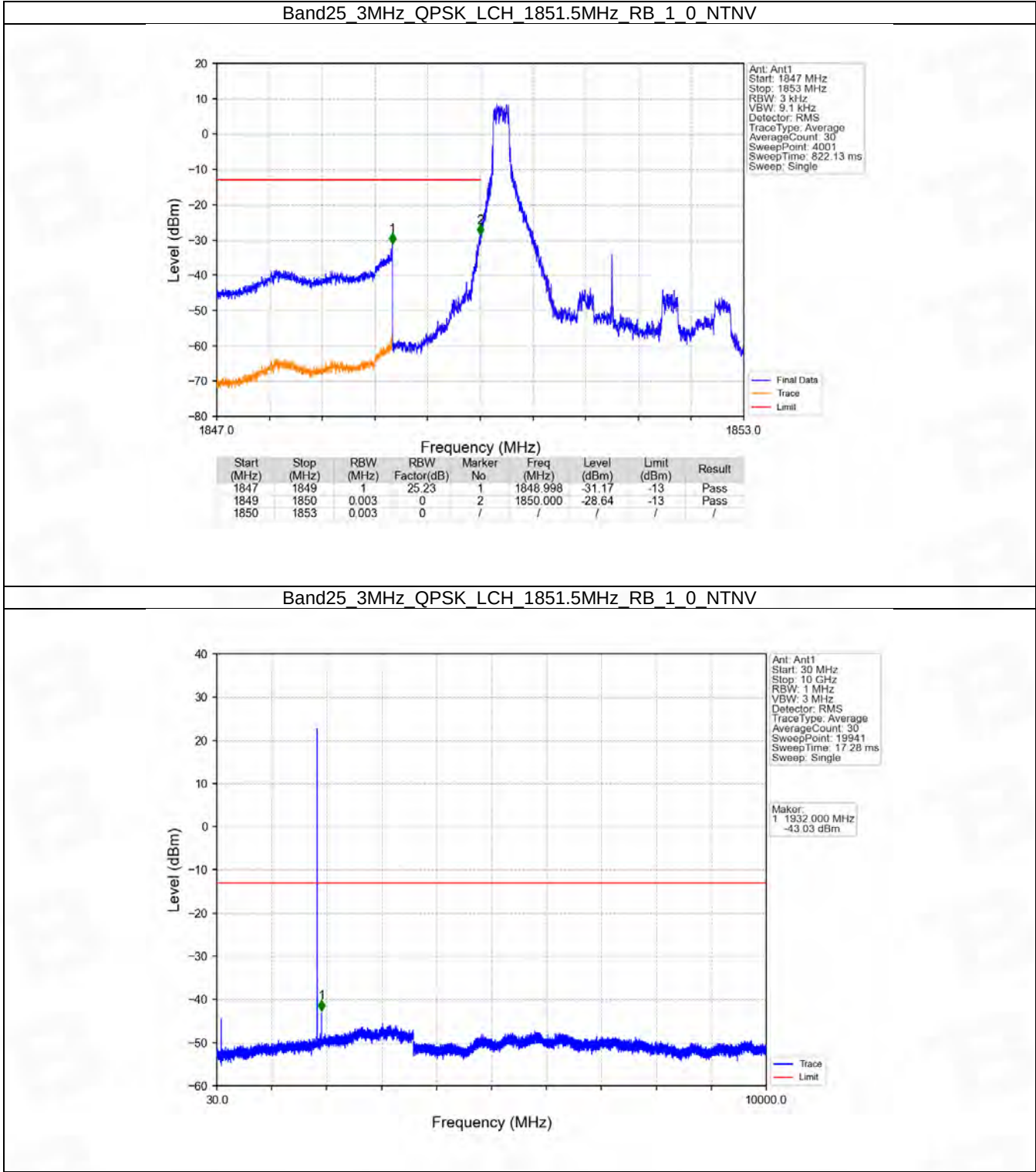


6.2 B25_3MHz

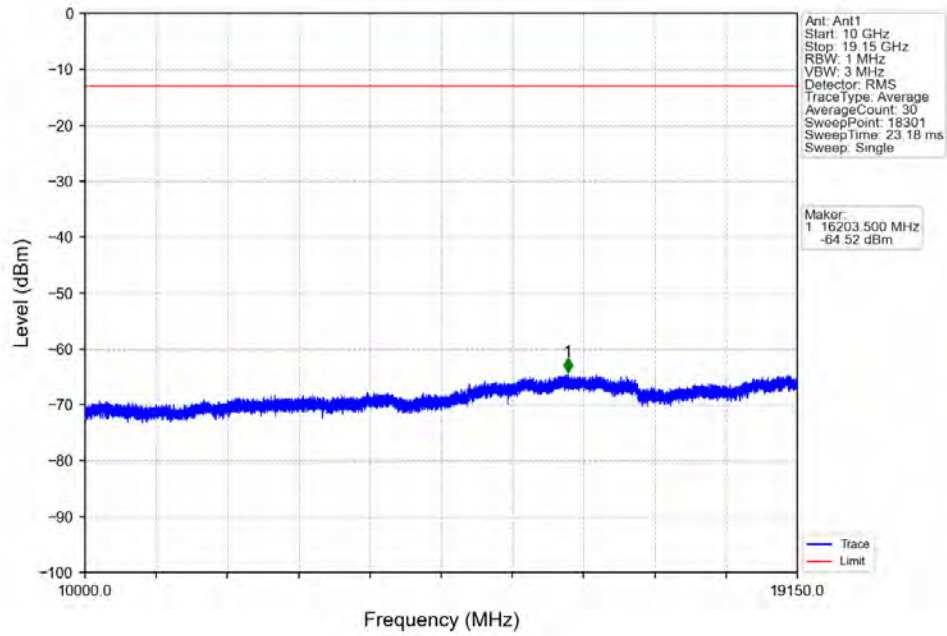
6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
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

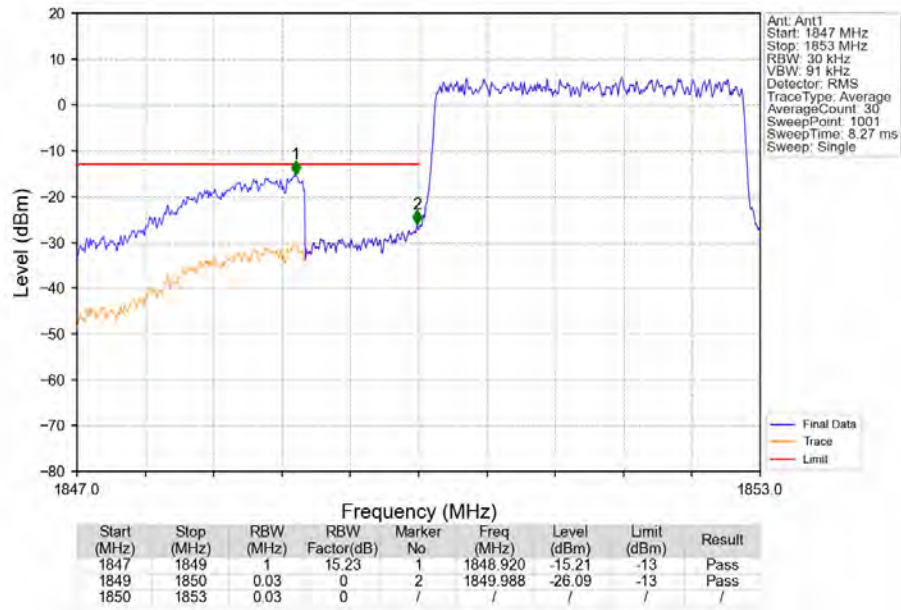
6.2.2 Test Graph



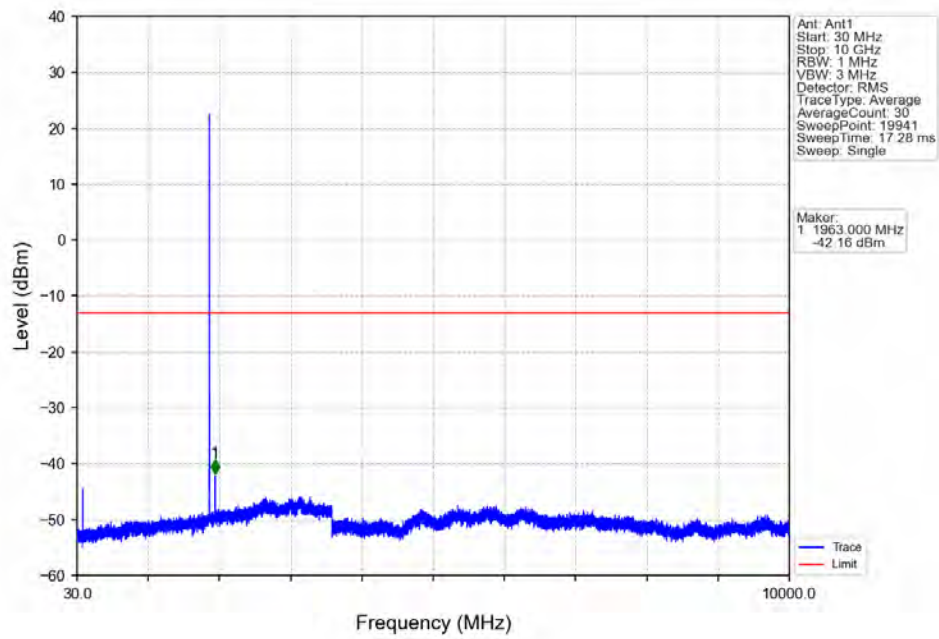
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



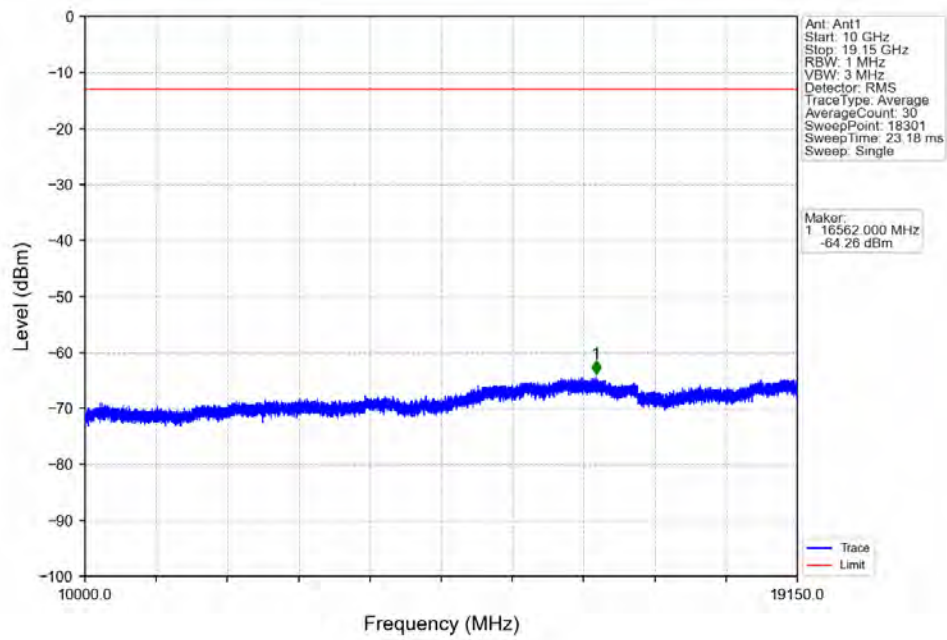
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



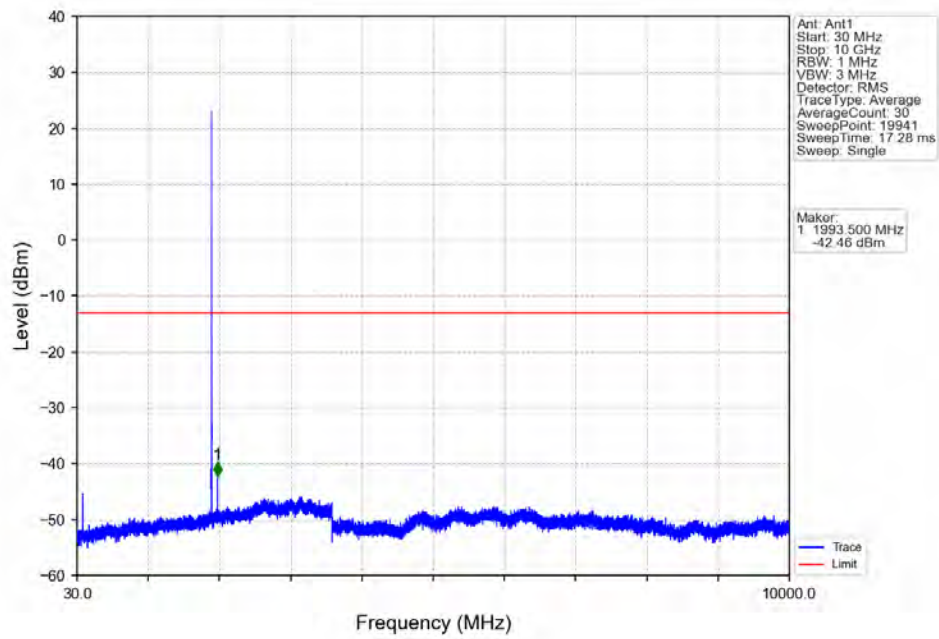
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



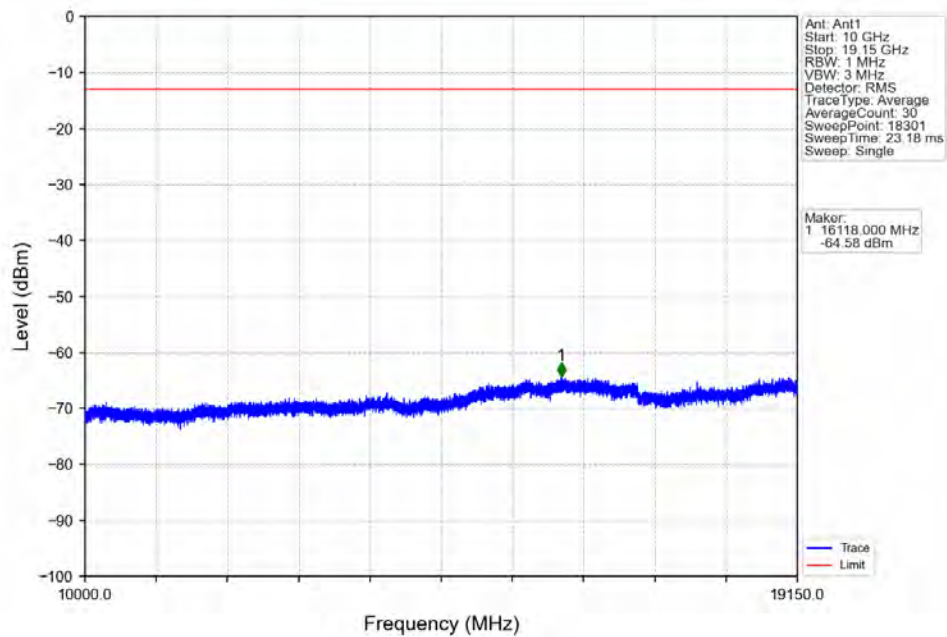
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



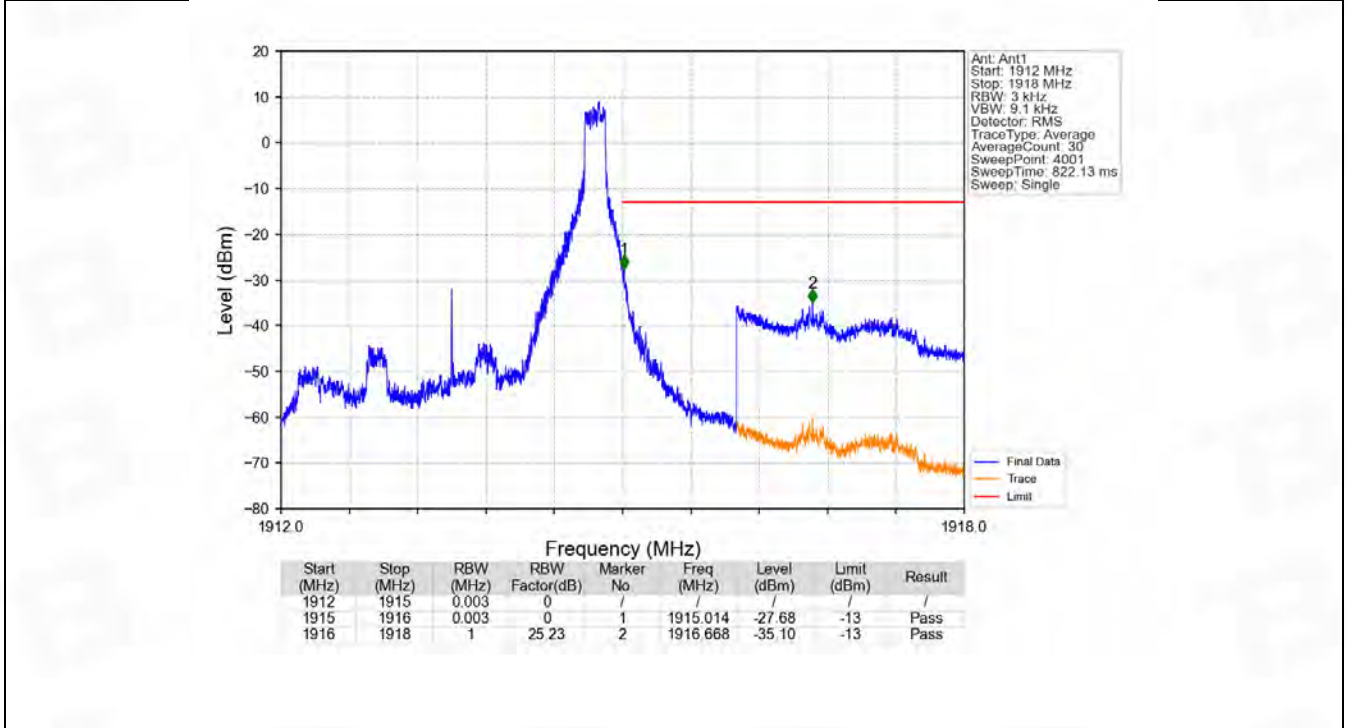
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



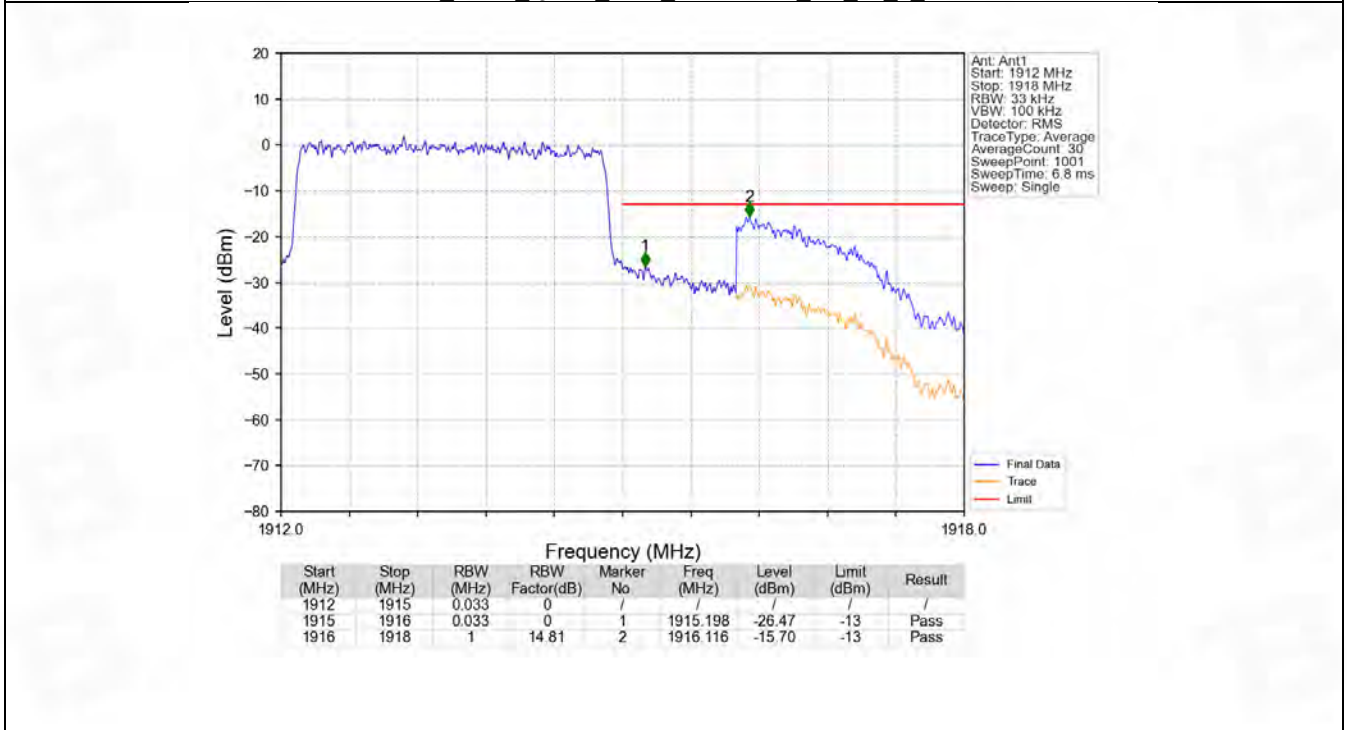
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



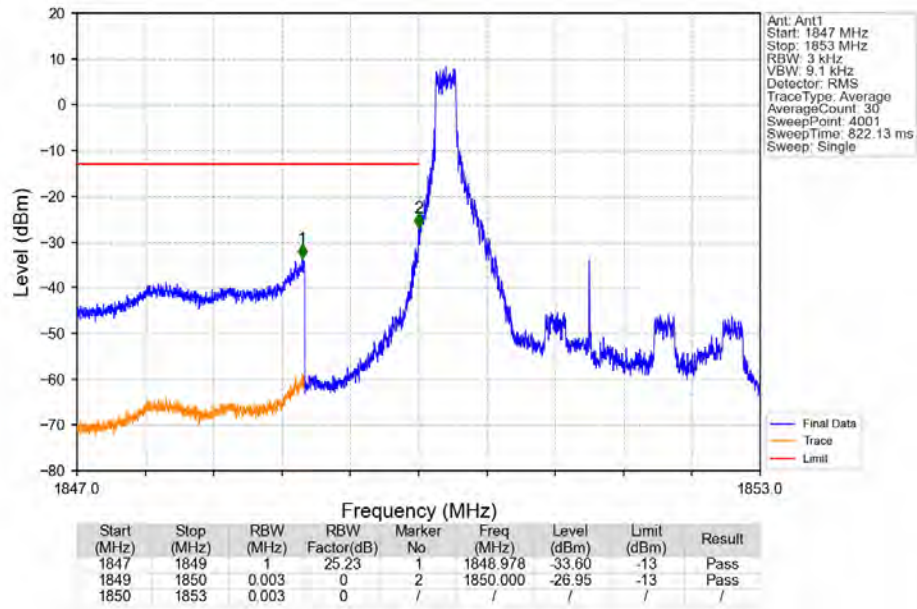
Band25	3MHz	QPSK	HCH	1913.5MHz	RB	1	14	NTNV
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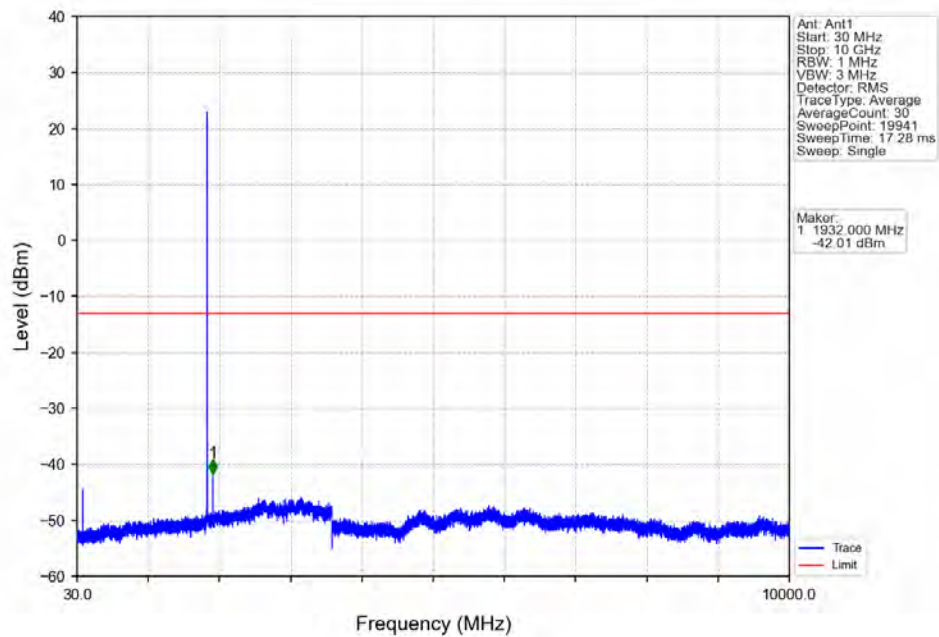
Band25 3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



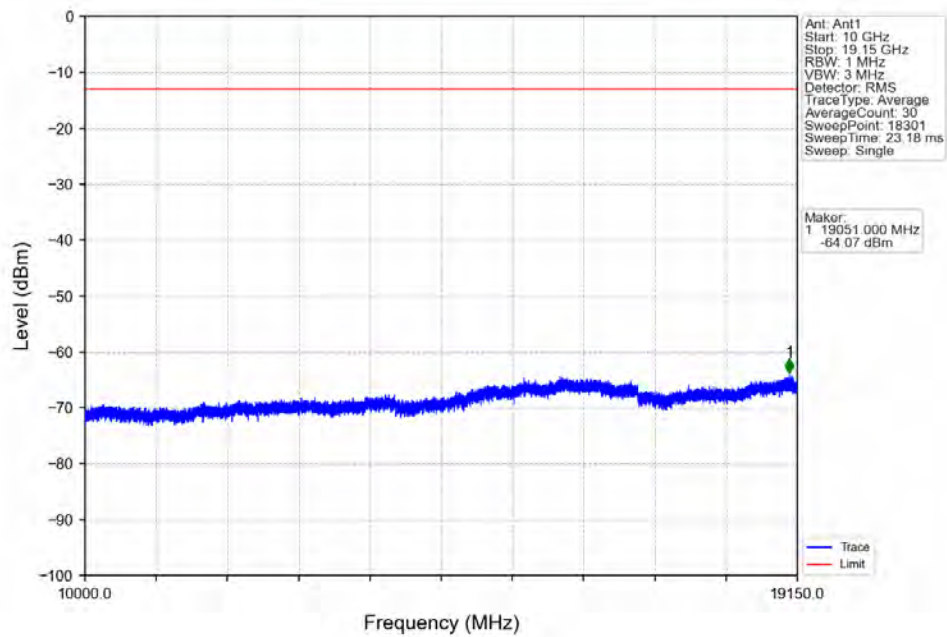
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



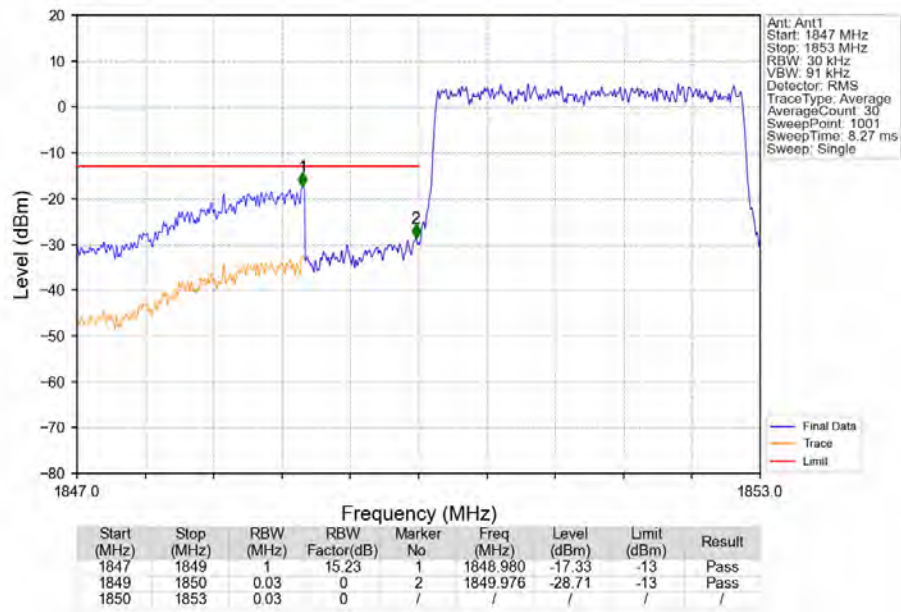
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



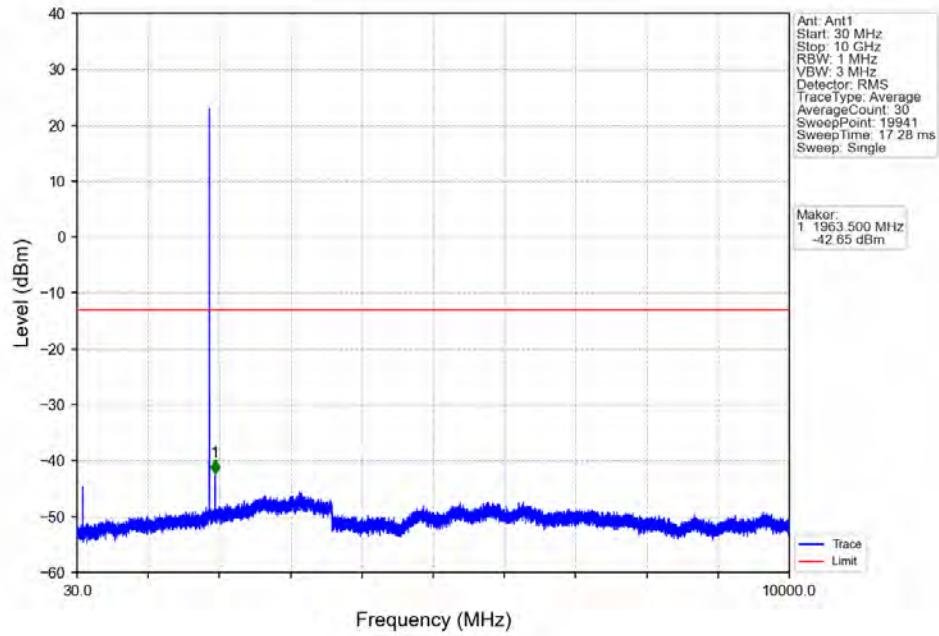
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



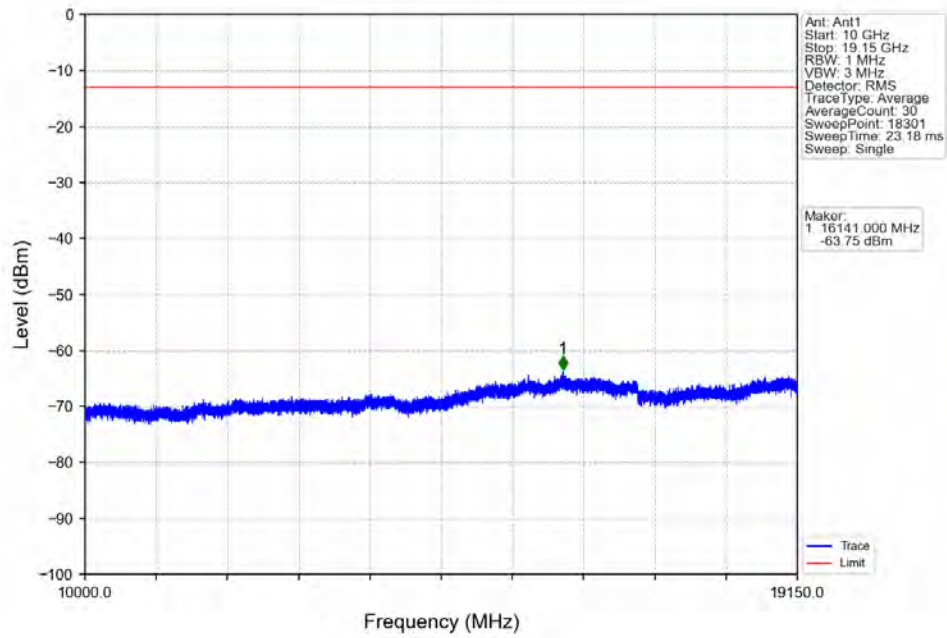
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



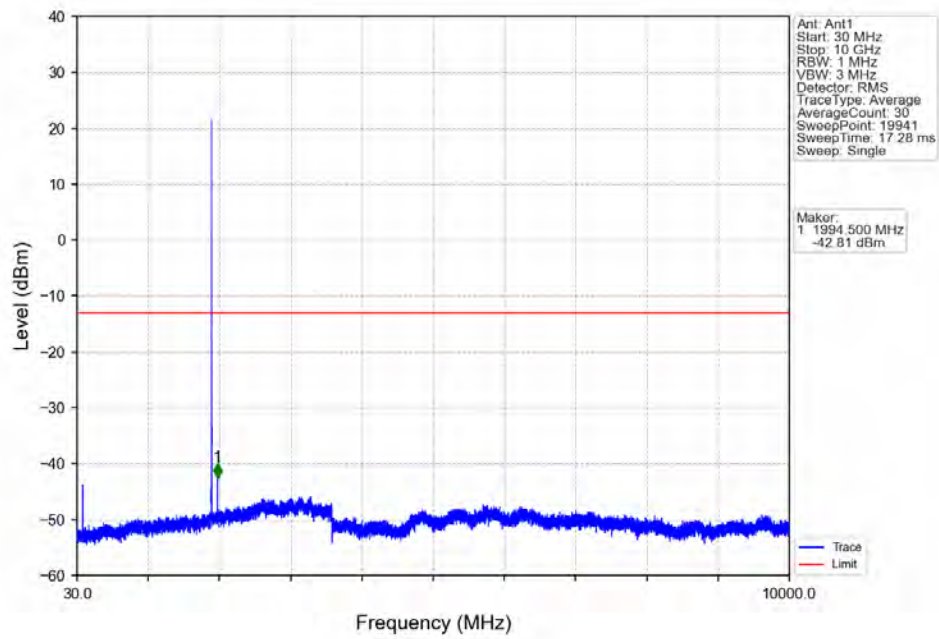
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



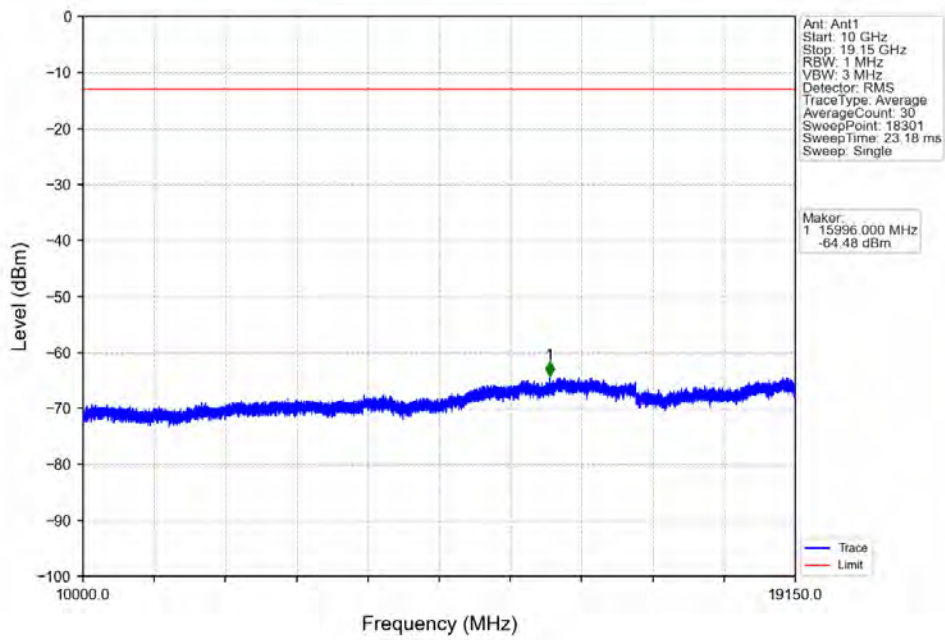
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



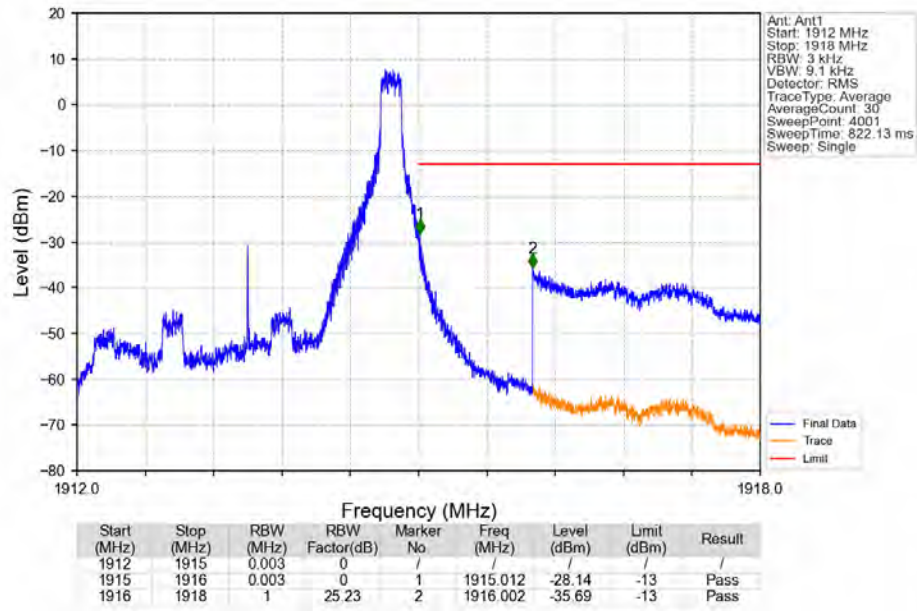
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



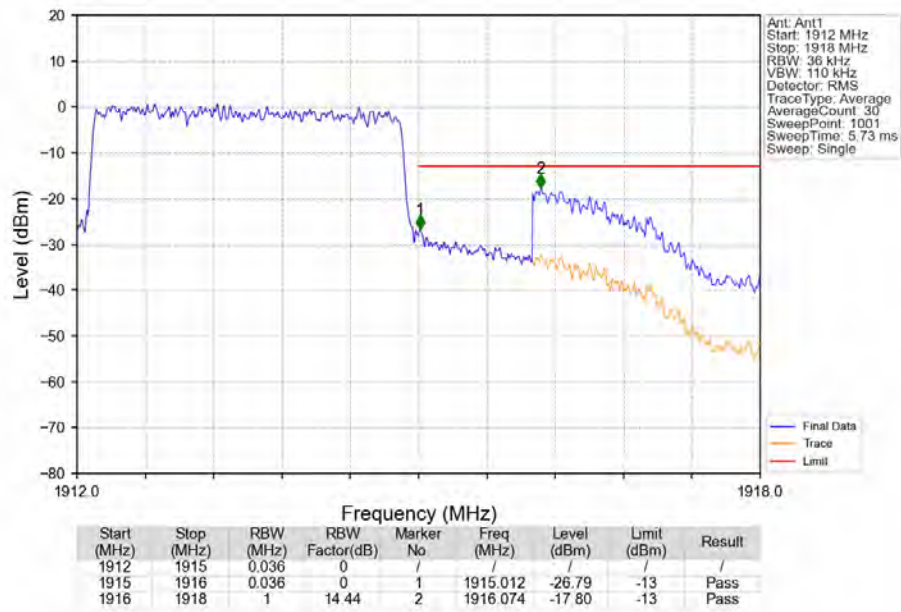
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

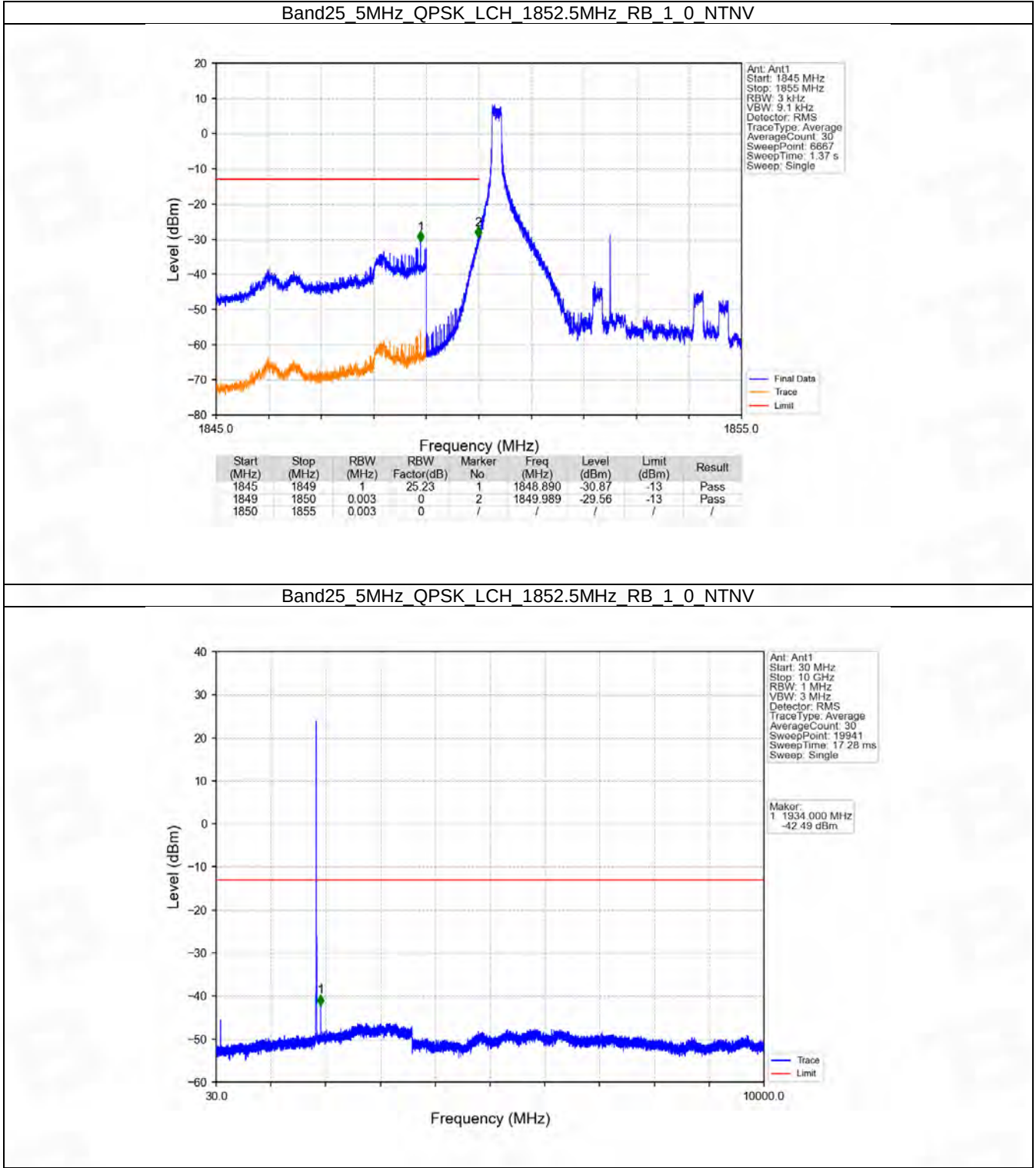


6.3 B25_5MHz

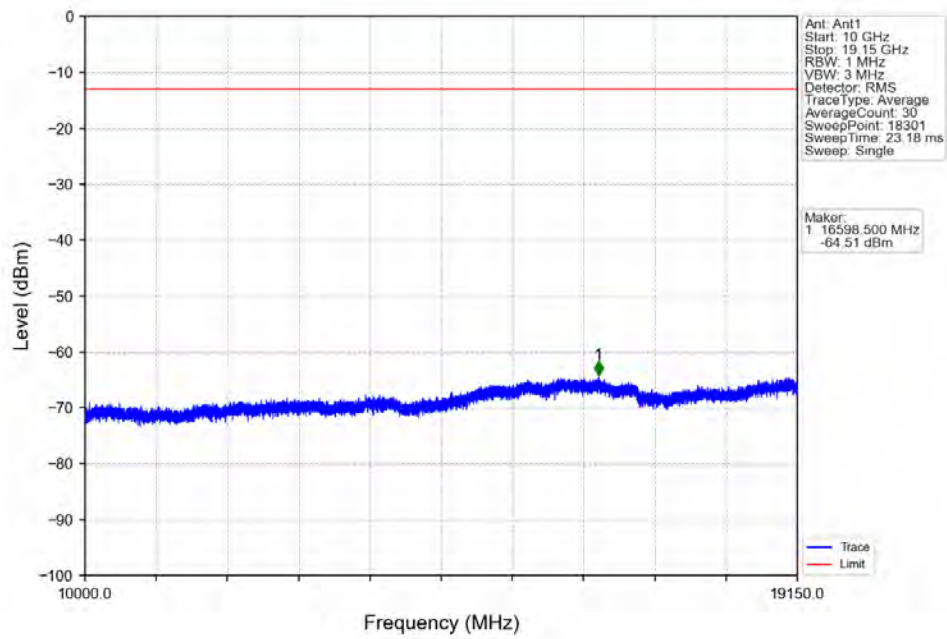
6.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
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

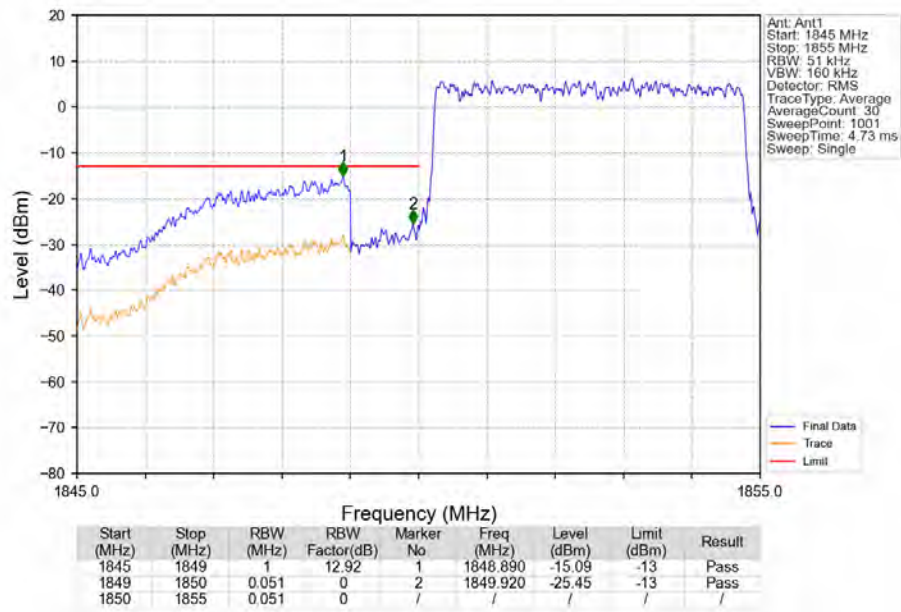
6.3.2 Test Graph



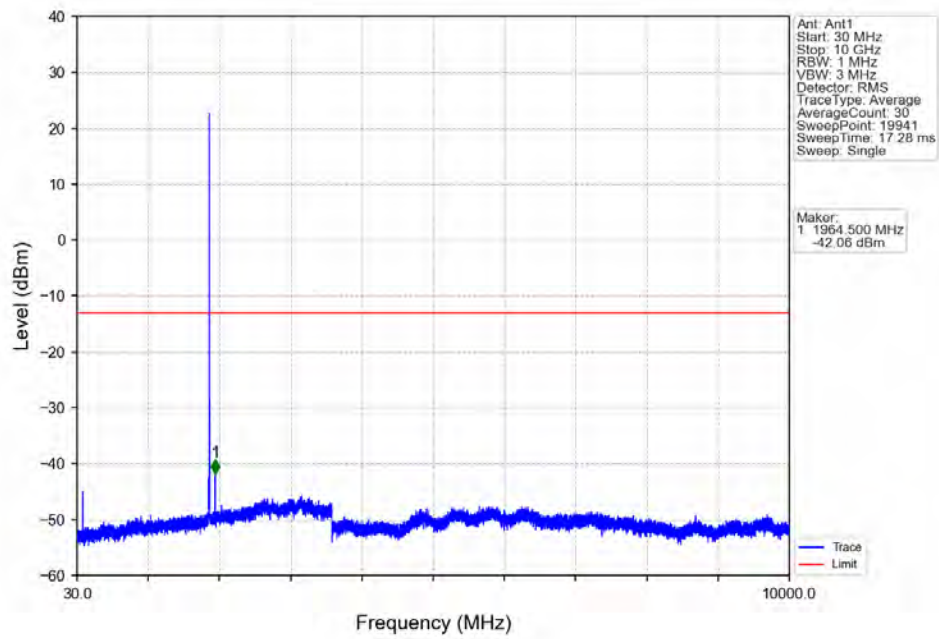
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



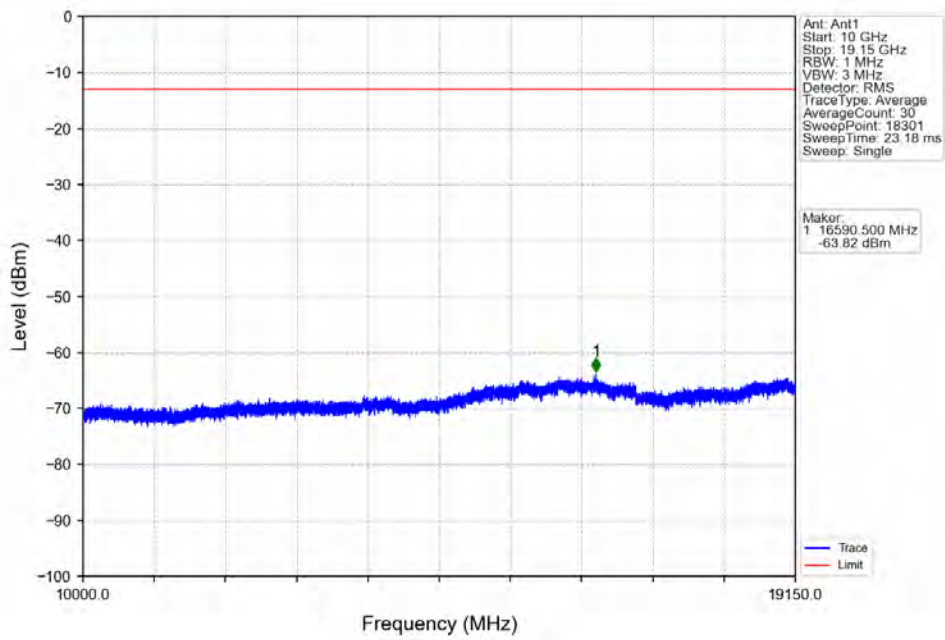
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



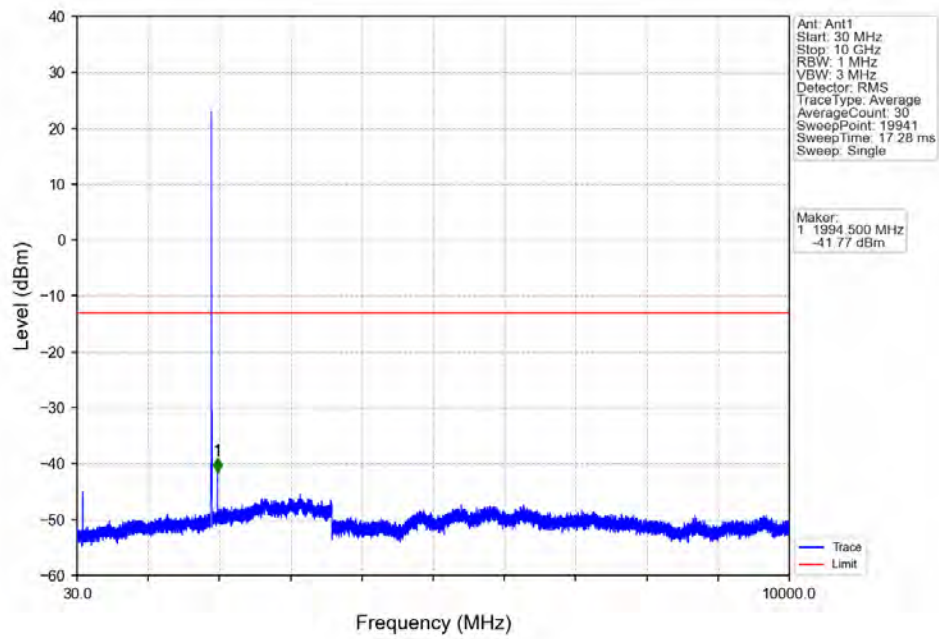
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



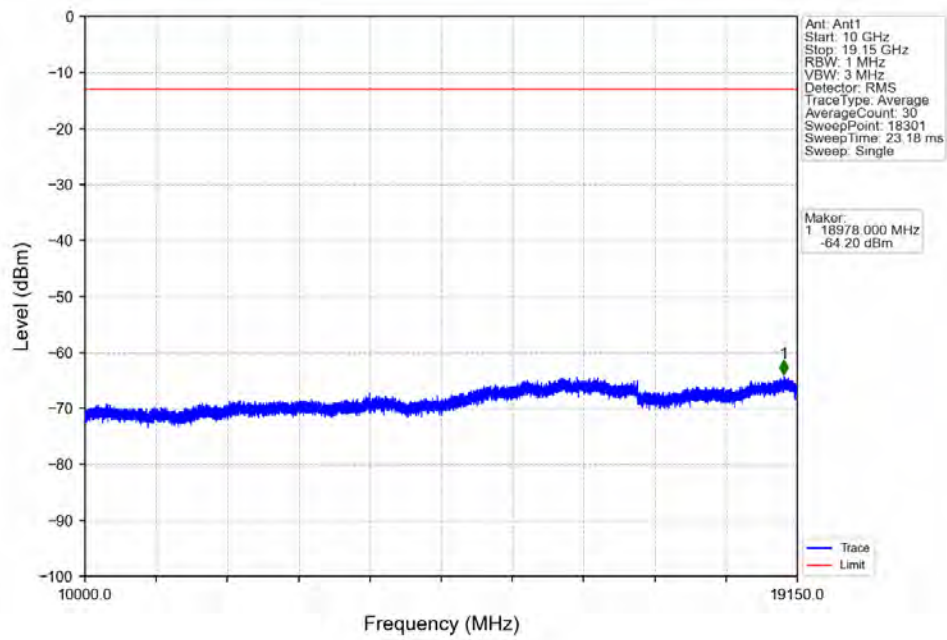
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



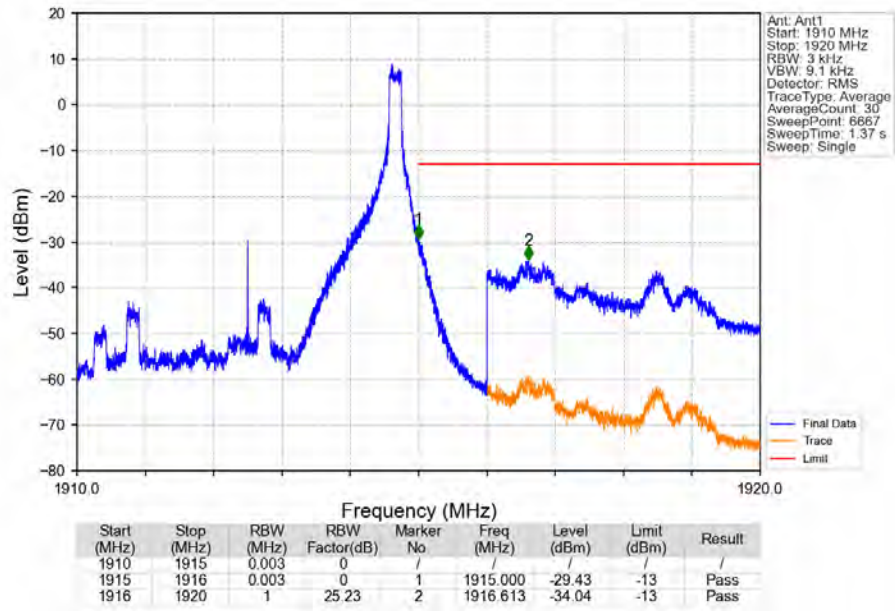
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



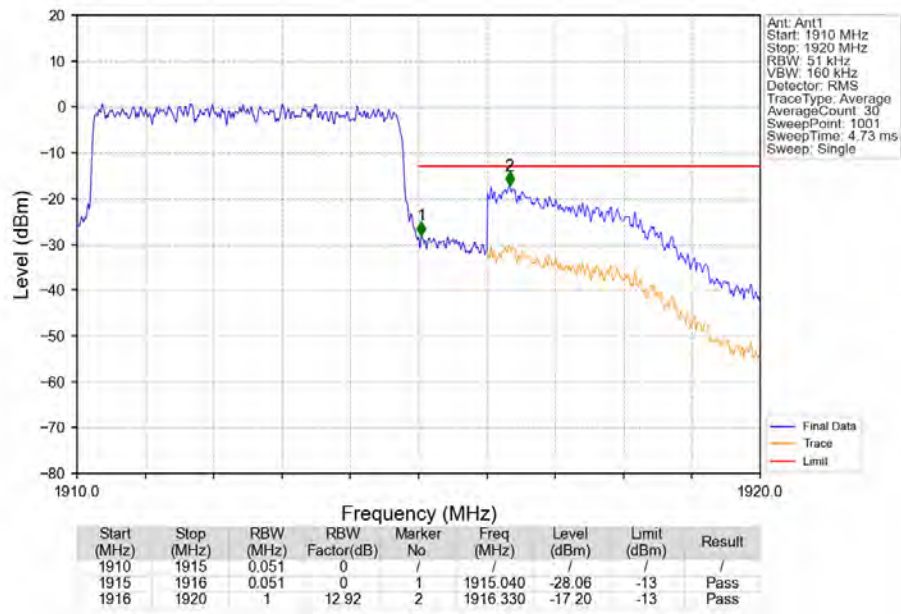
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



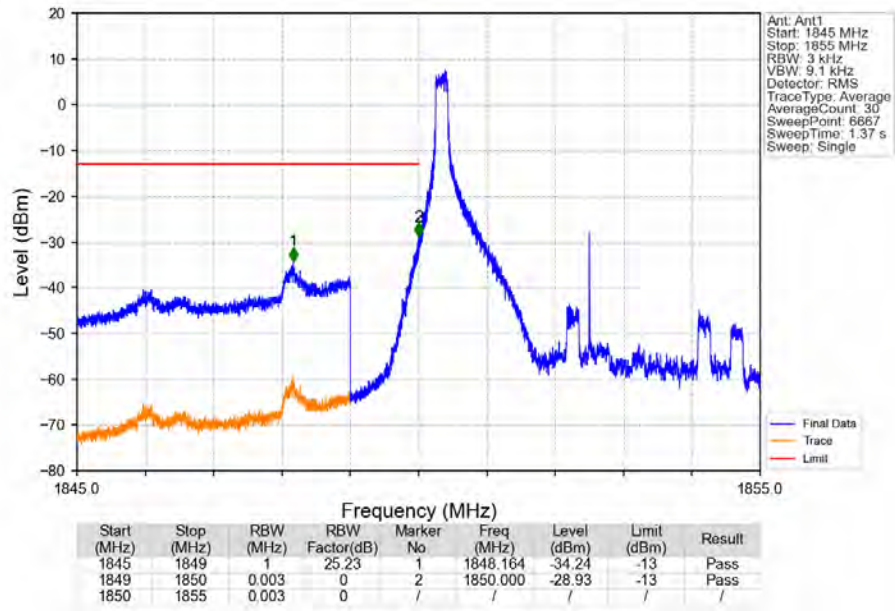
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



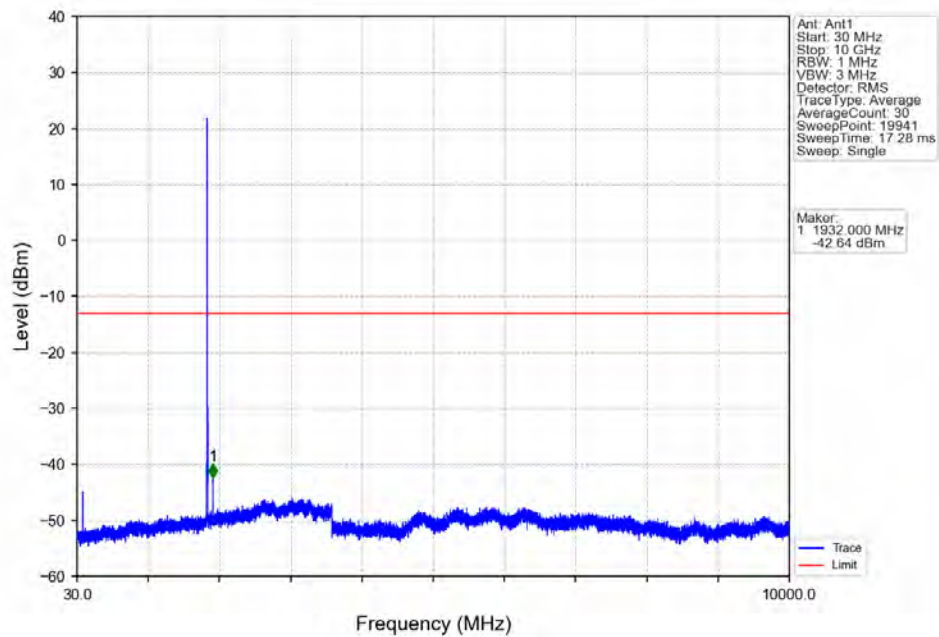
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



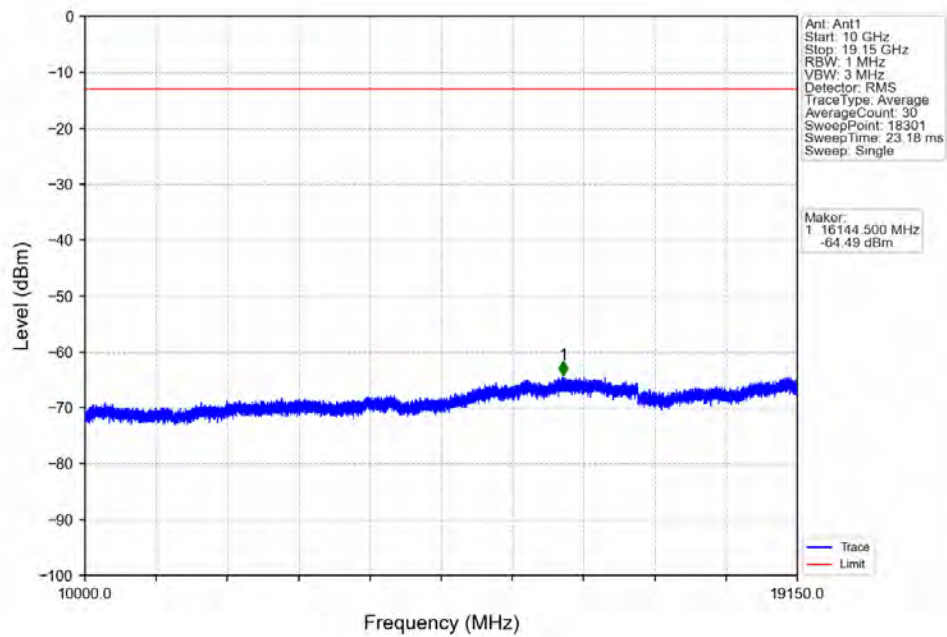
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



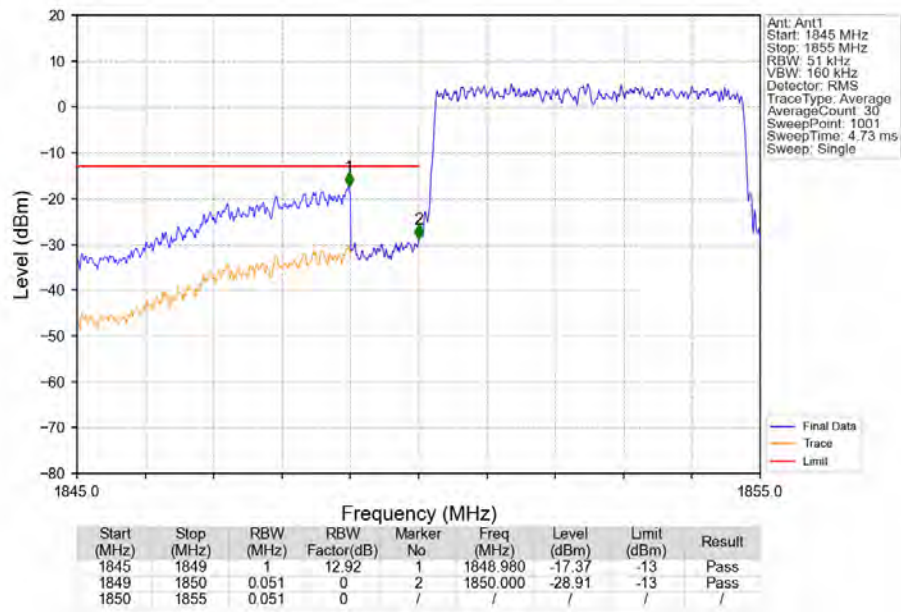
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



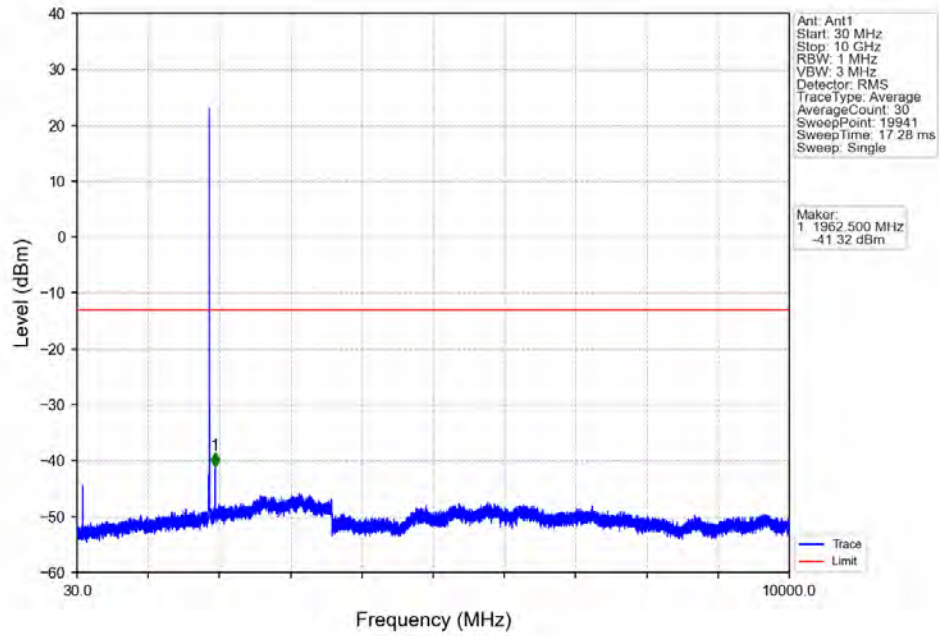
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



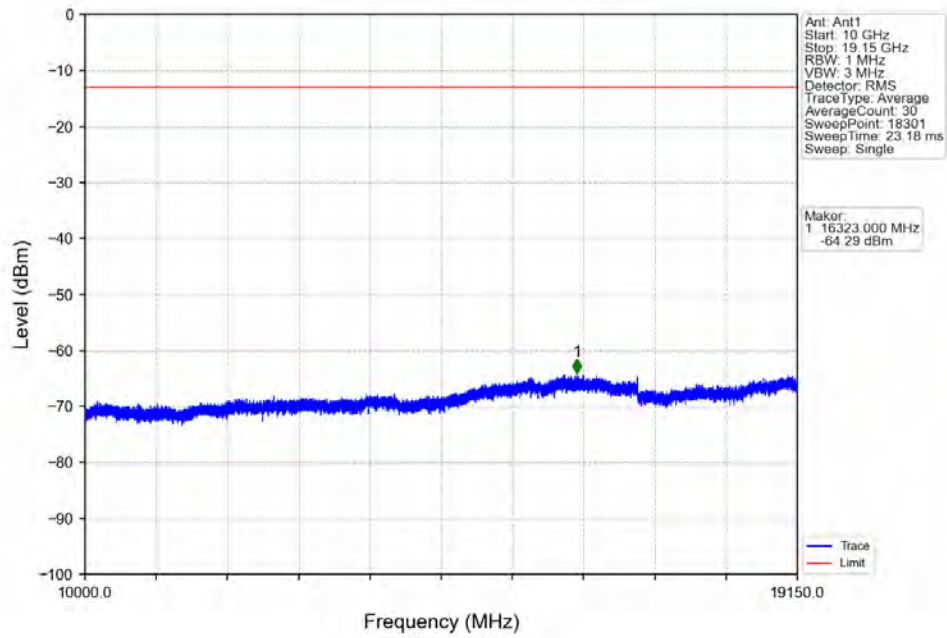
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



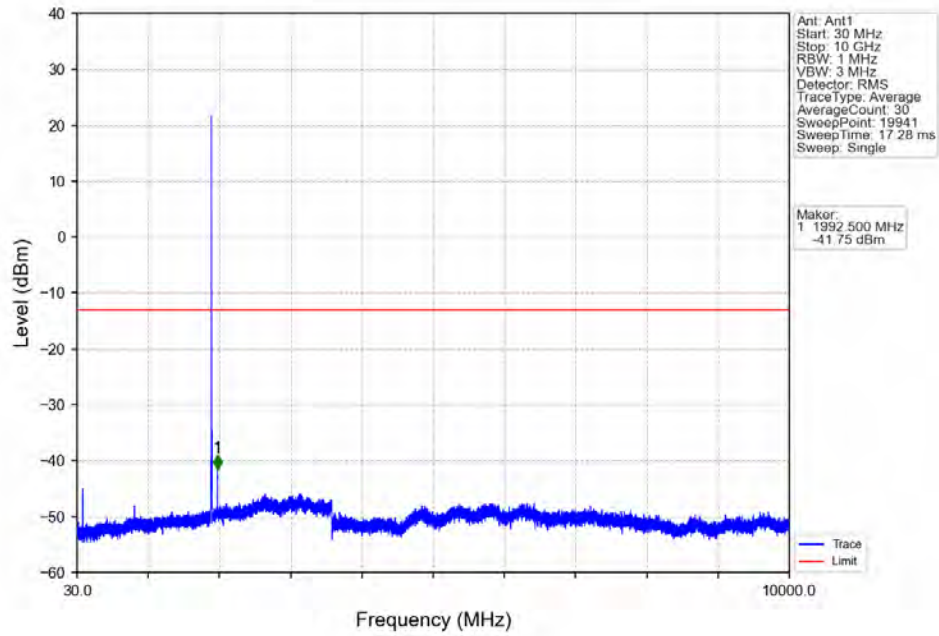
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



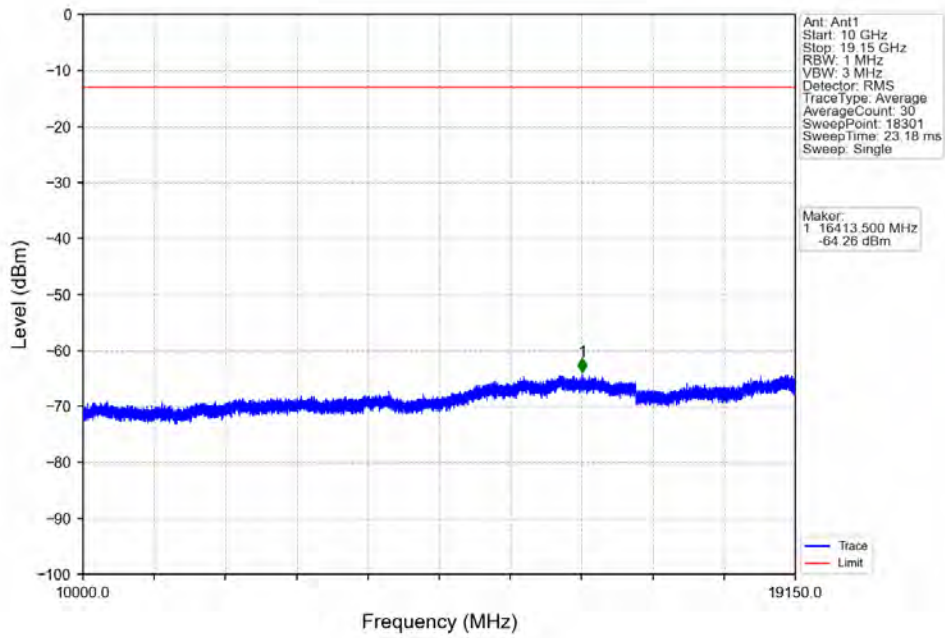
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



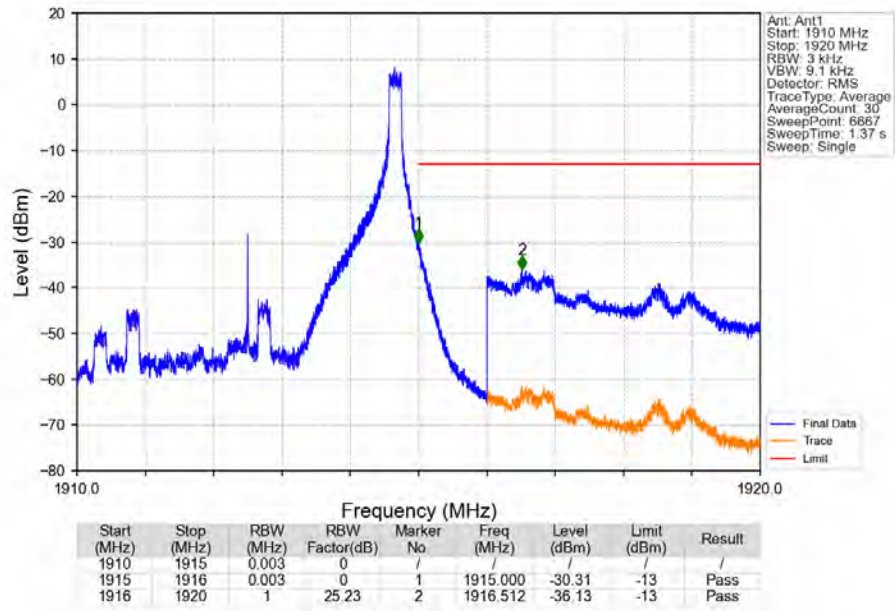
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



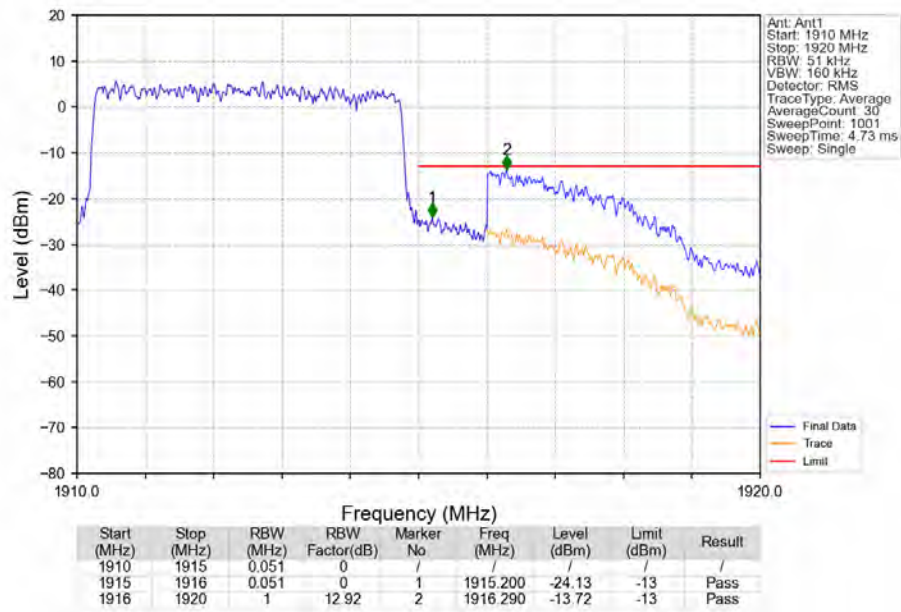
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_24_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

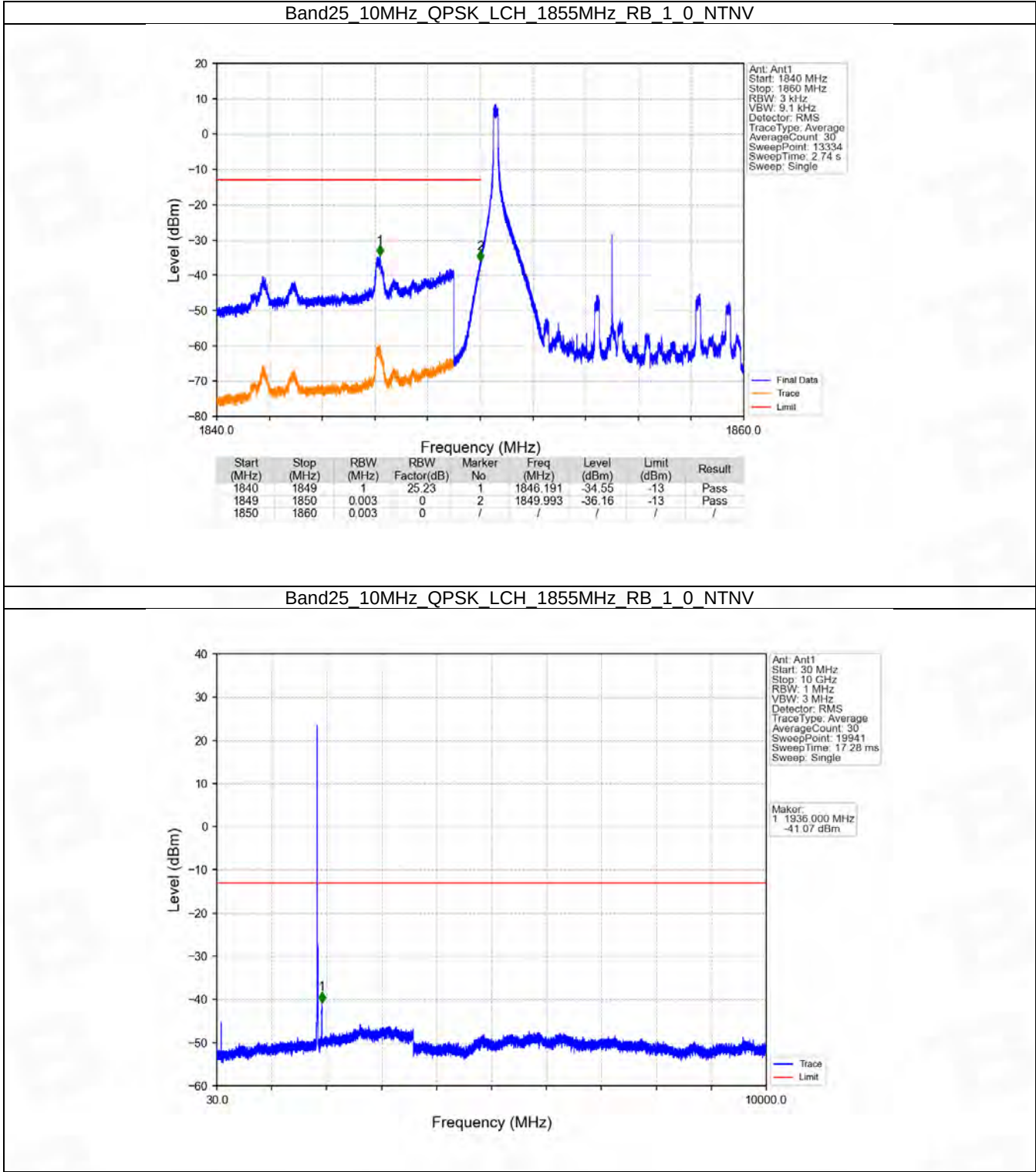


6.4 B25_10MHz

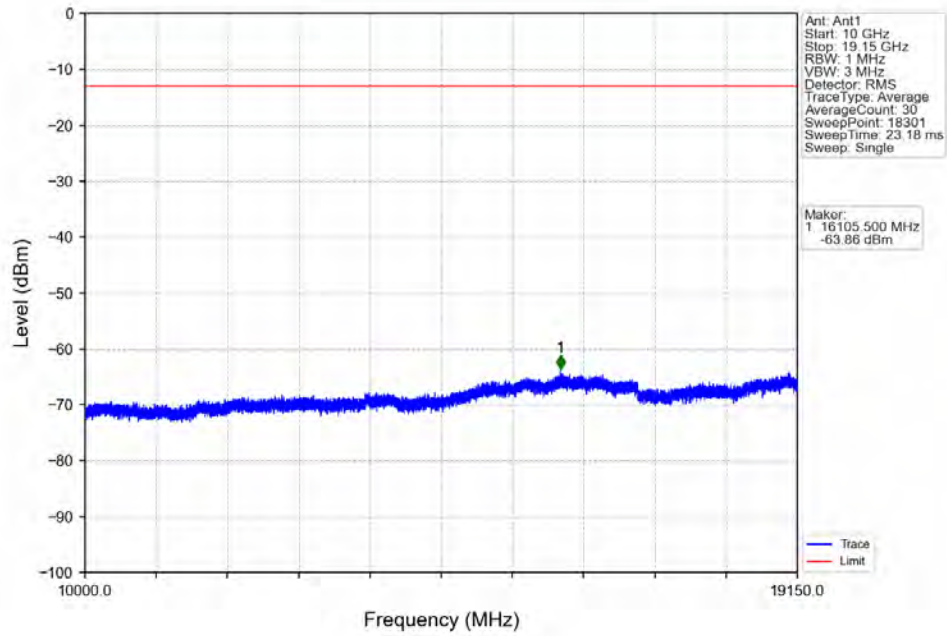
6.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTVN						
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

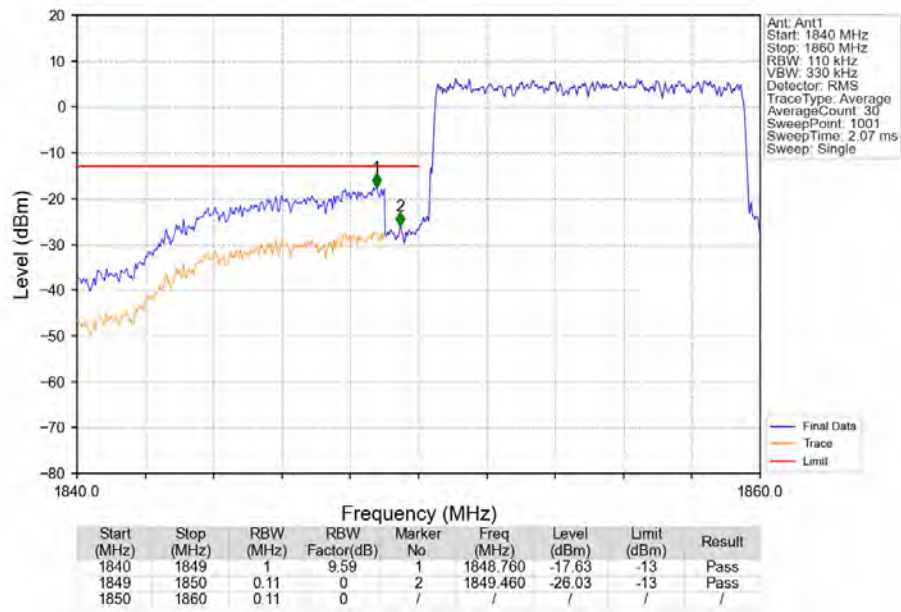
6.4.2 Test Graph



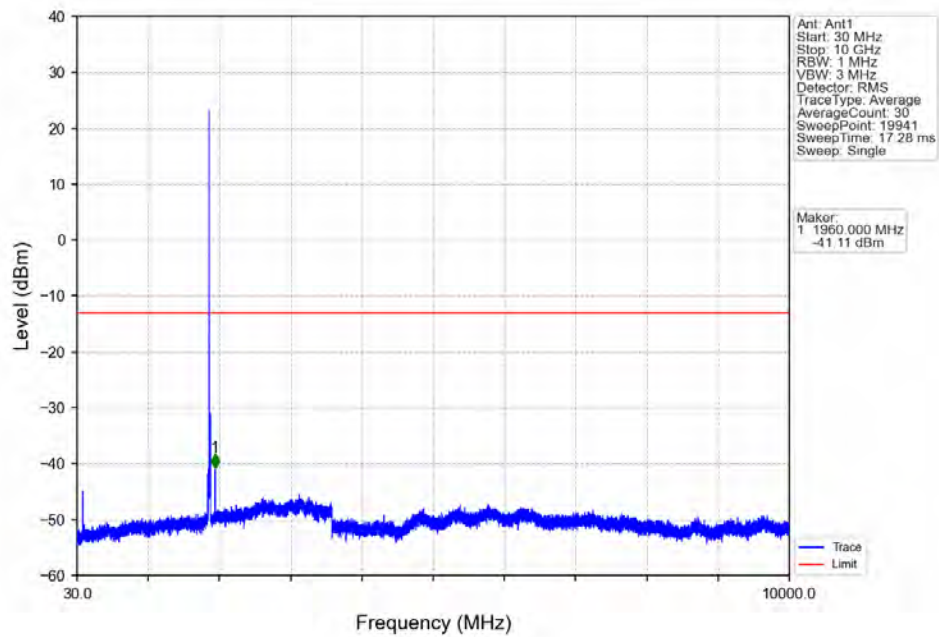
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



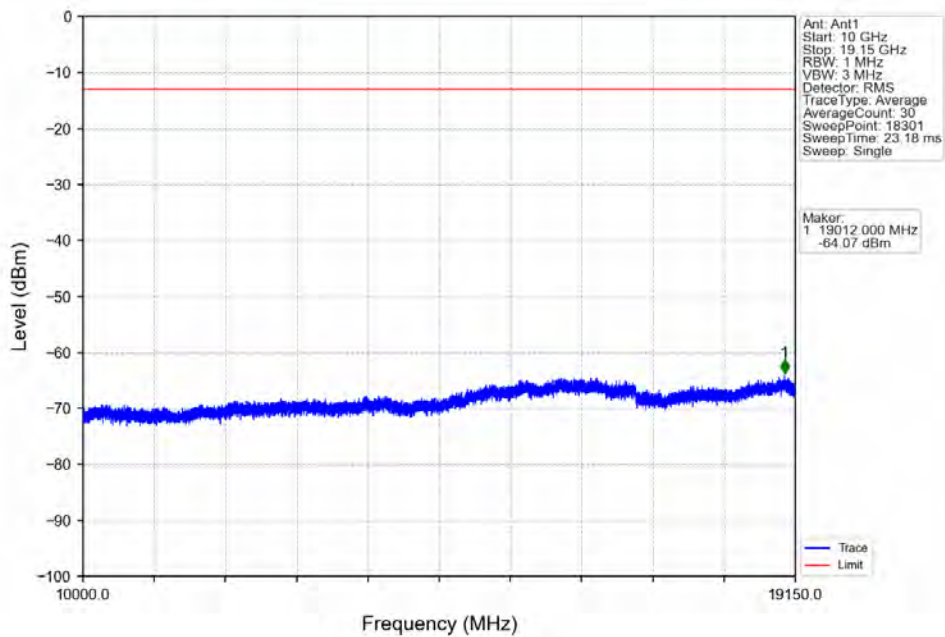
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



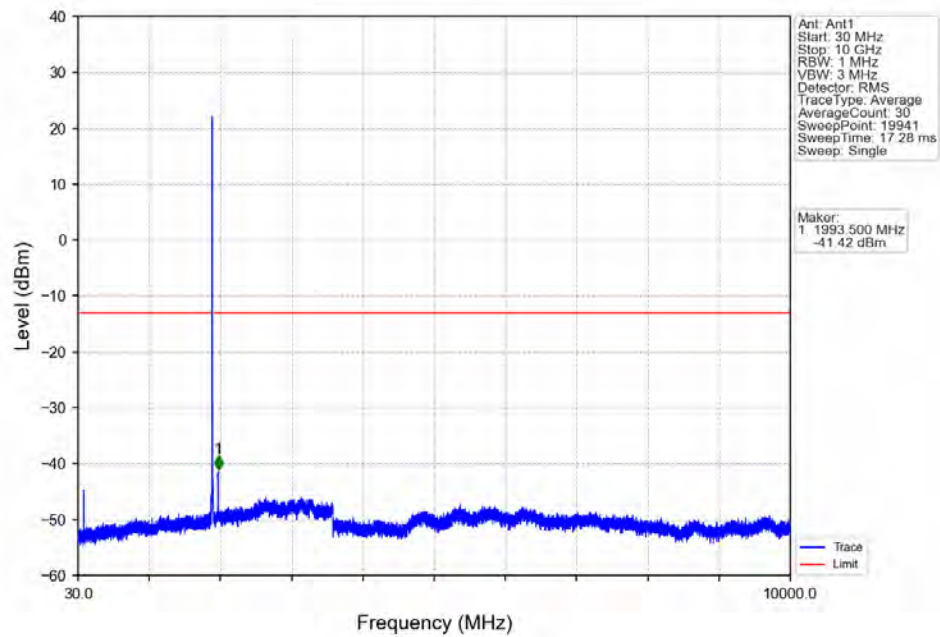
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



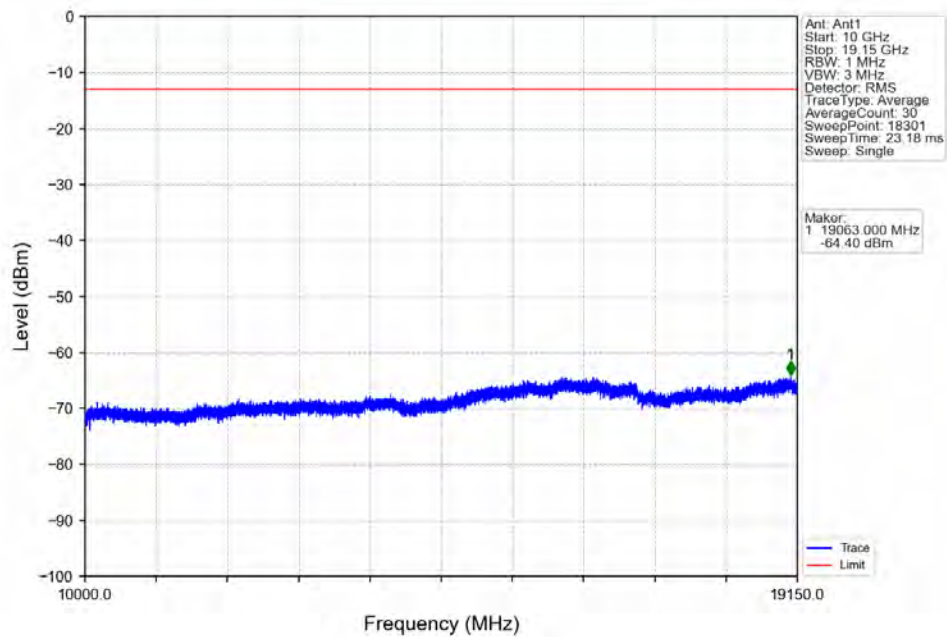
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



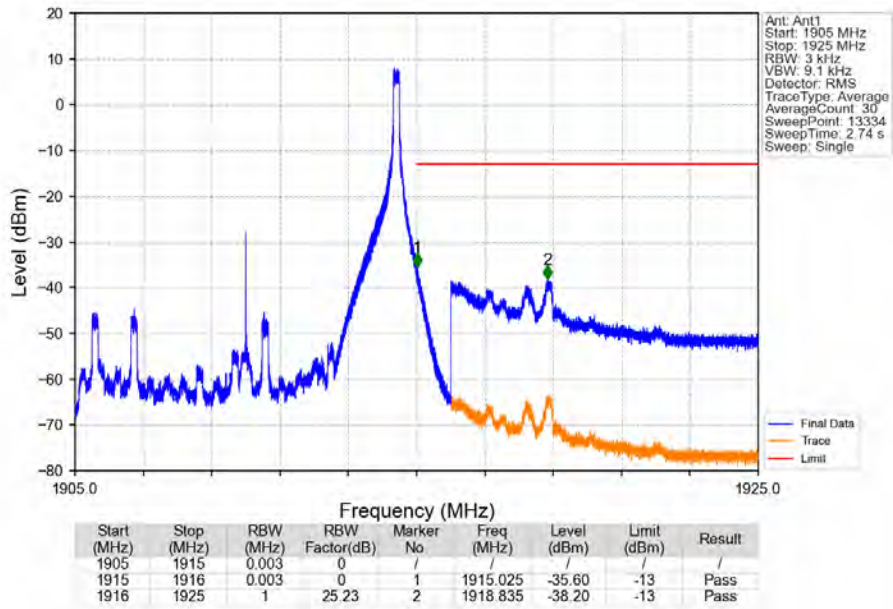
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



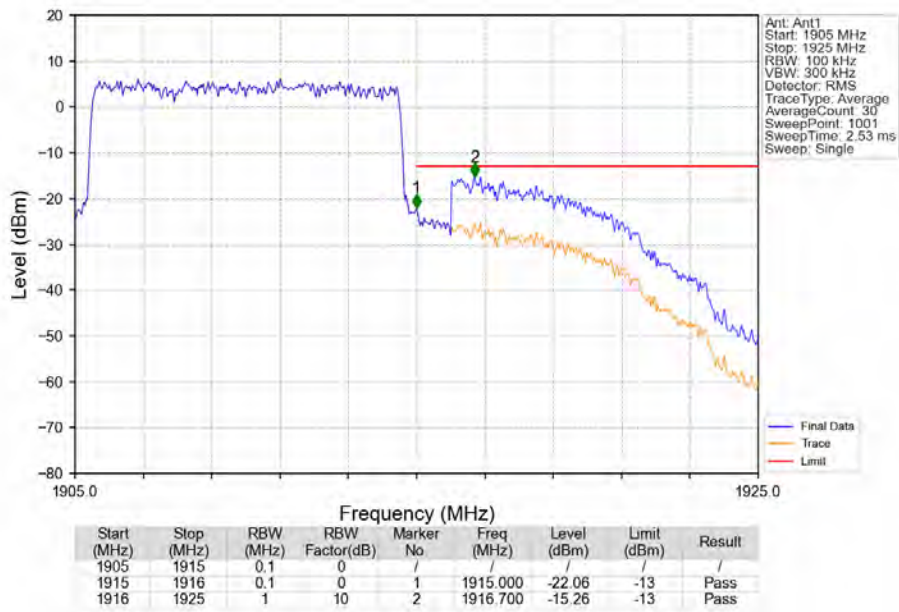
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



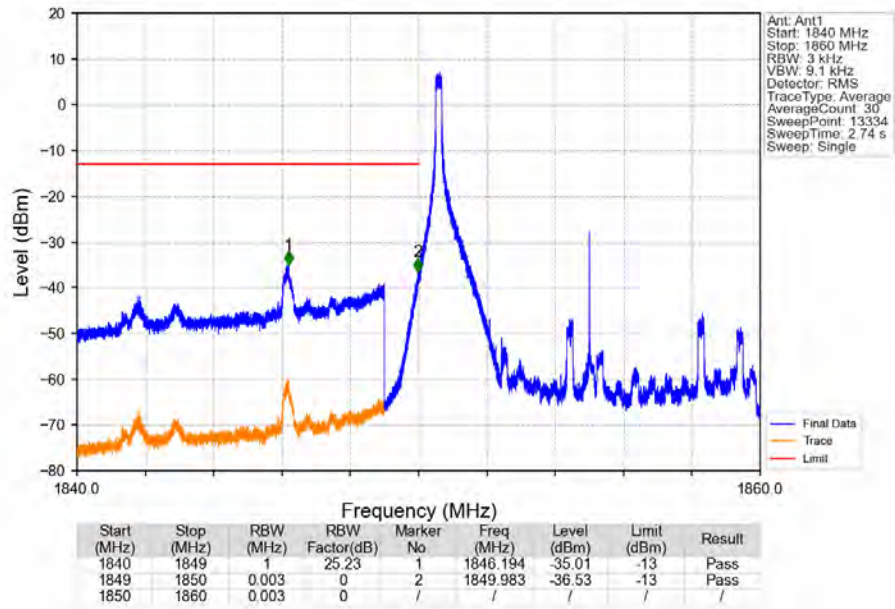
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



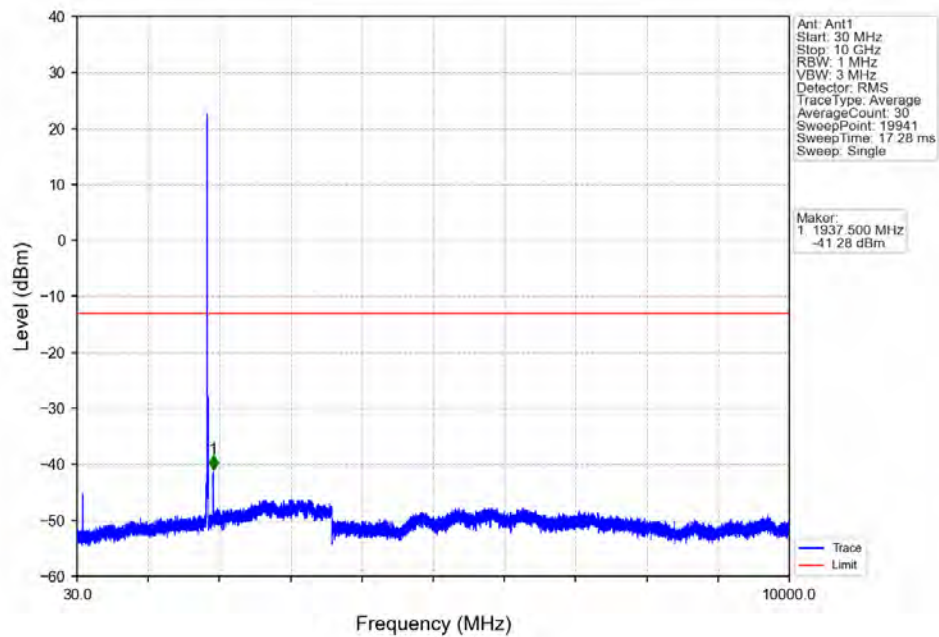
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



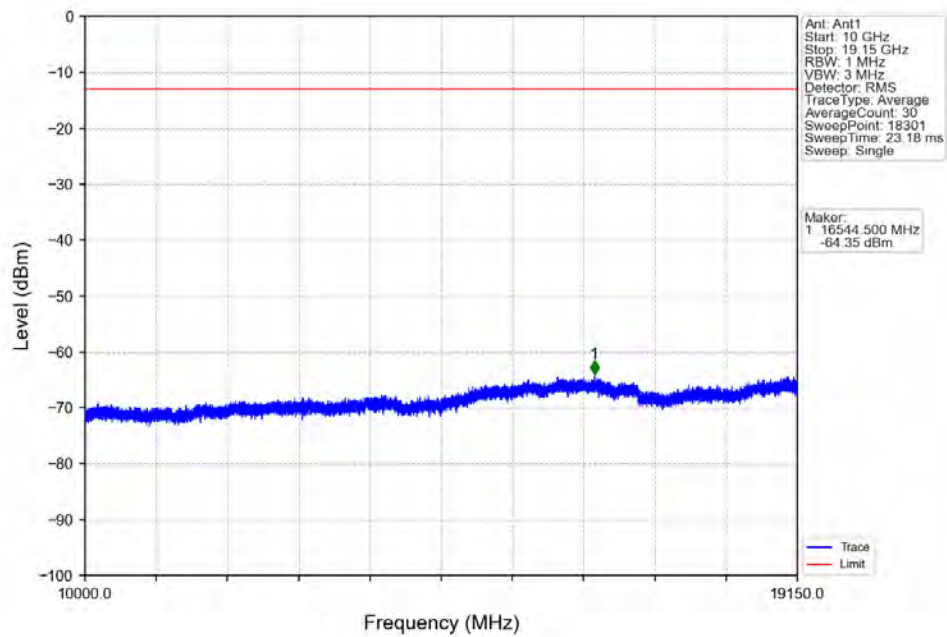
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



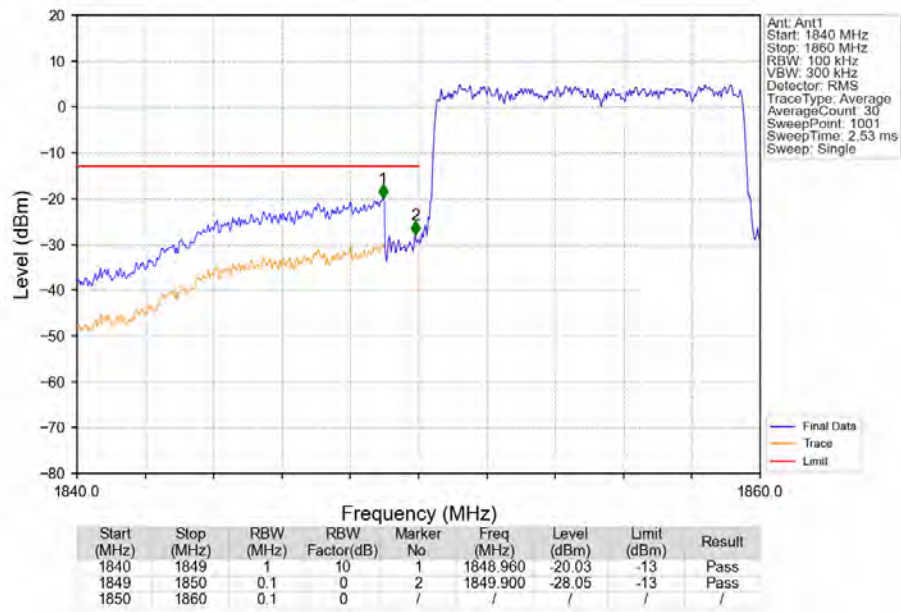
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



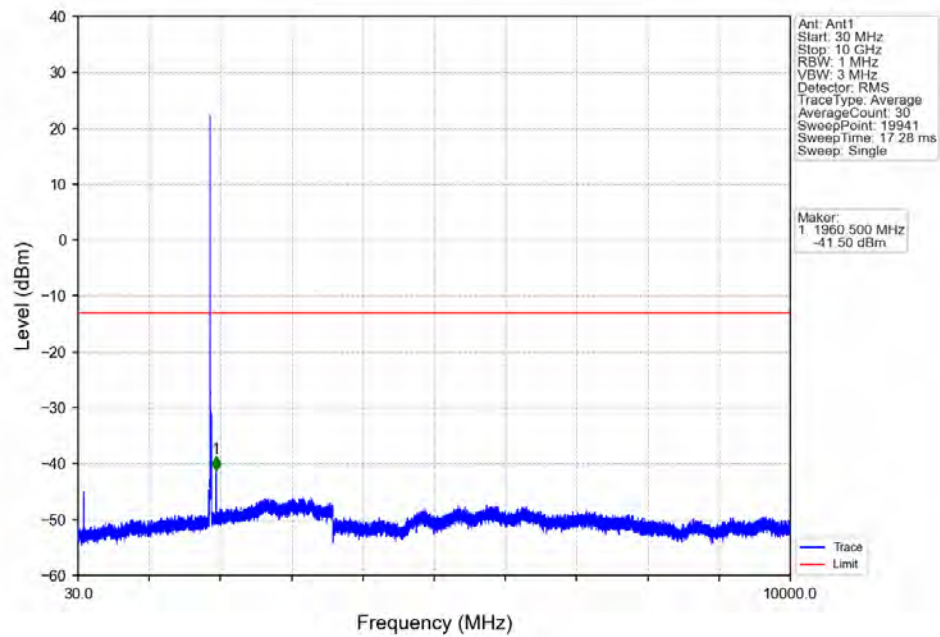
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



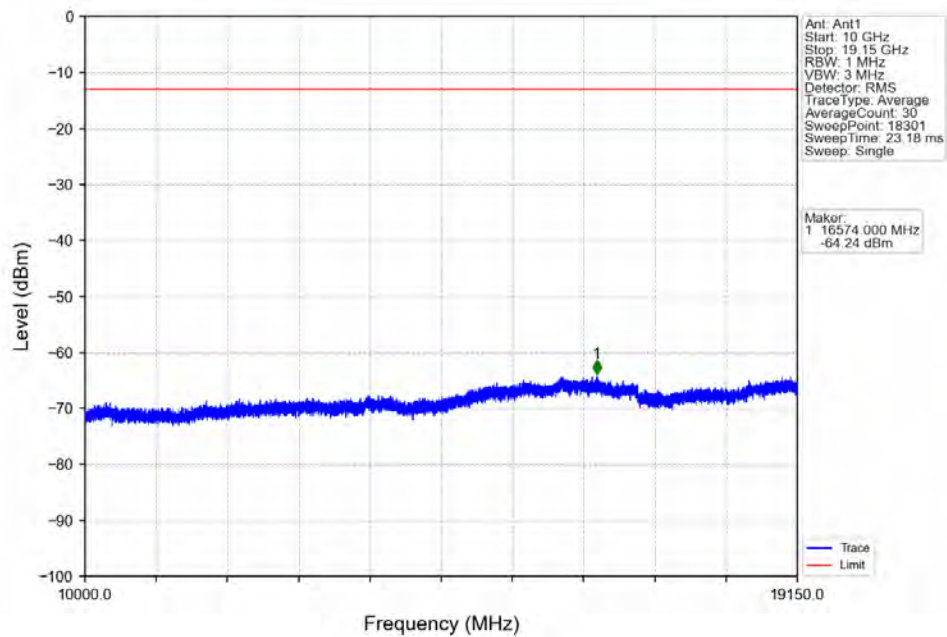
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



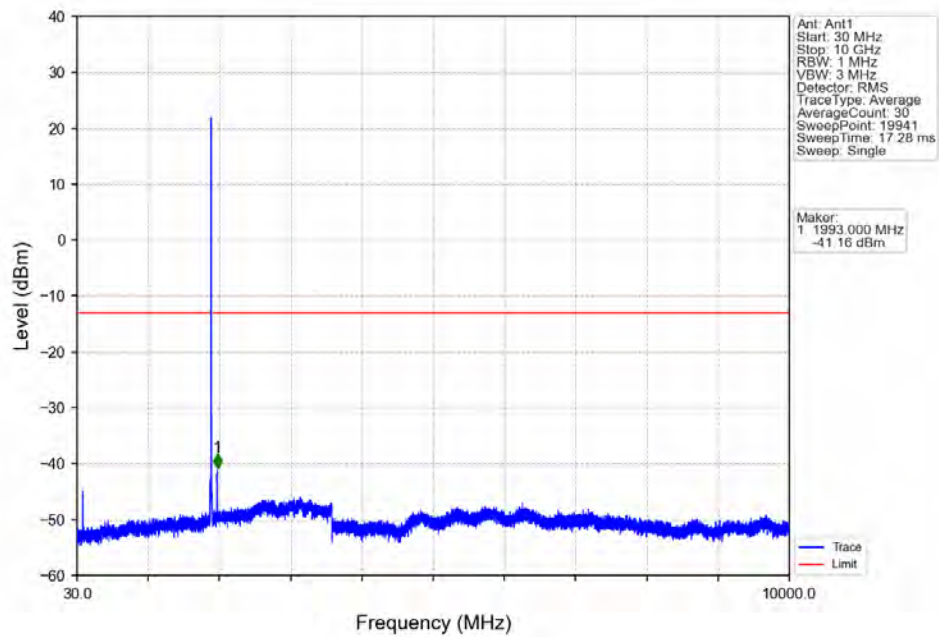
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



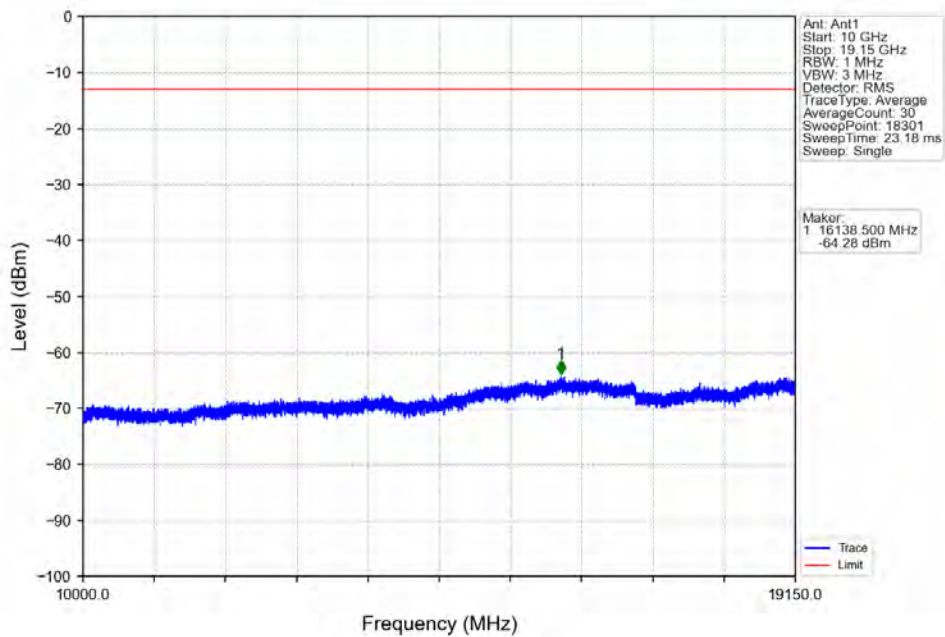
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



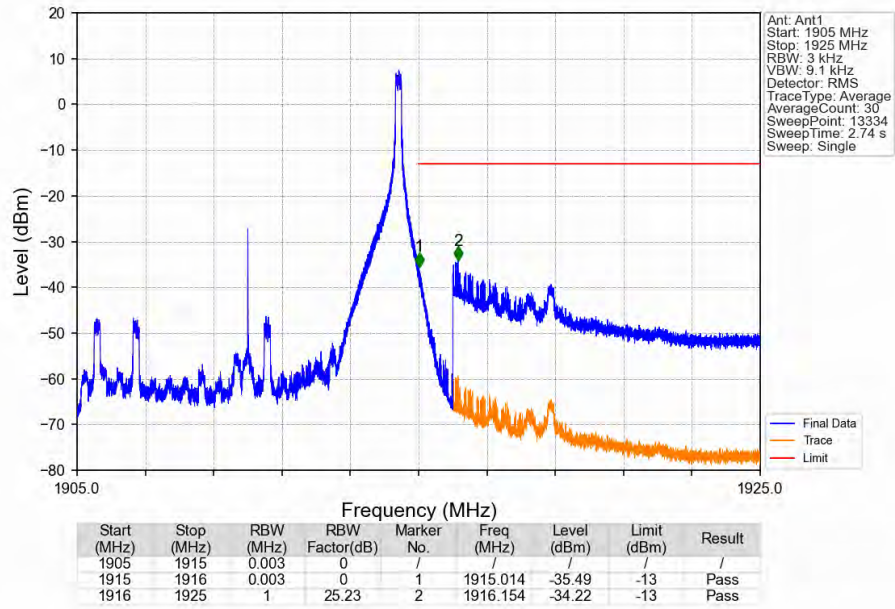
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



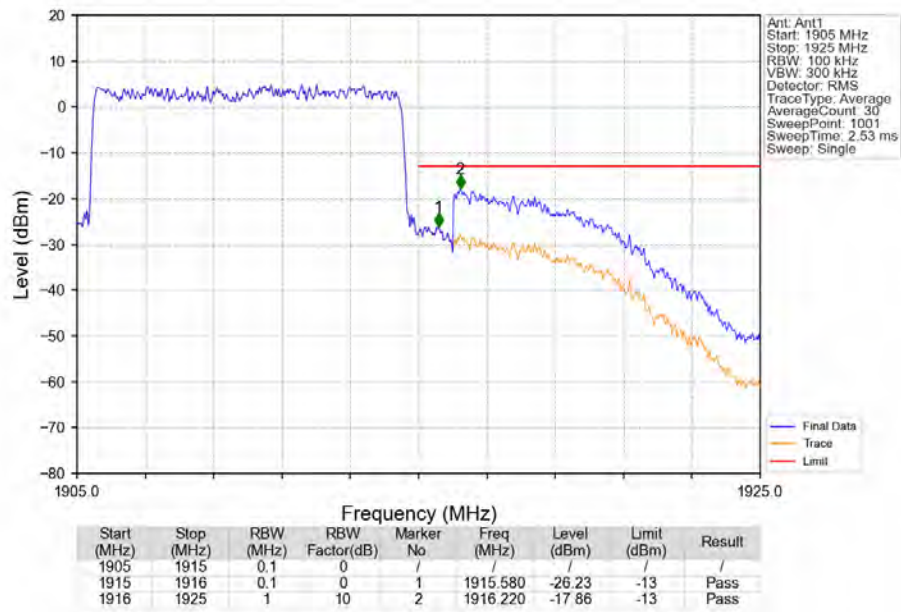
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 1 49 NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

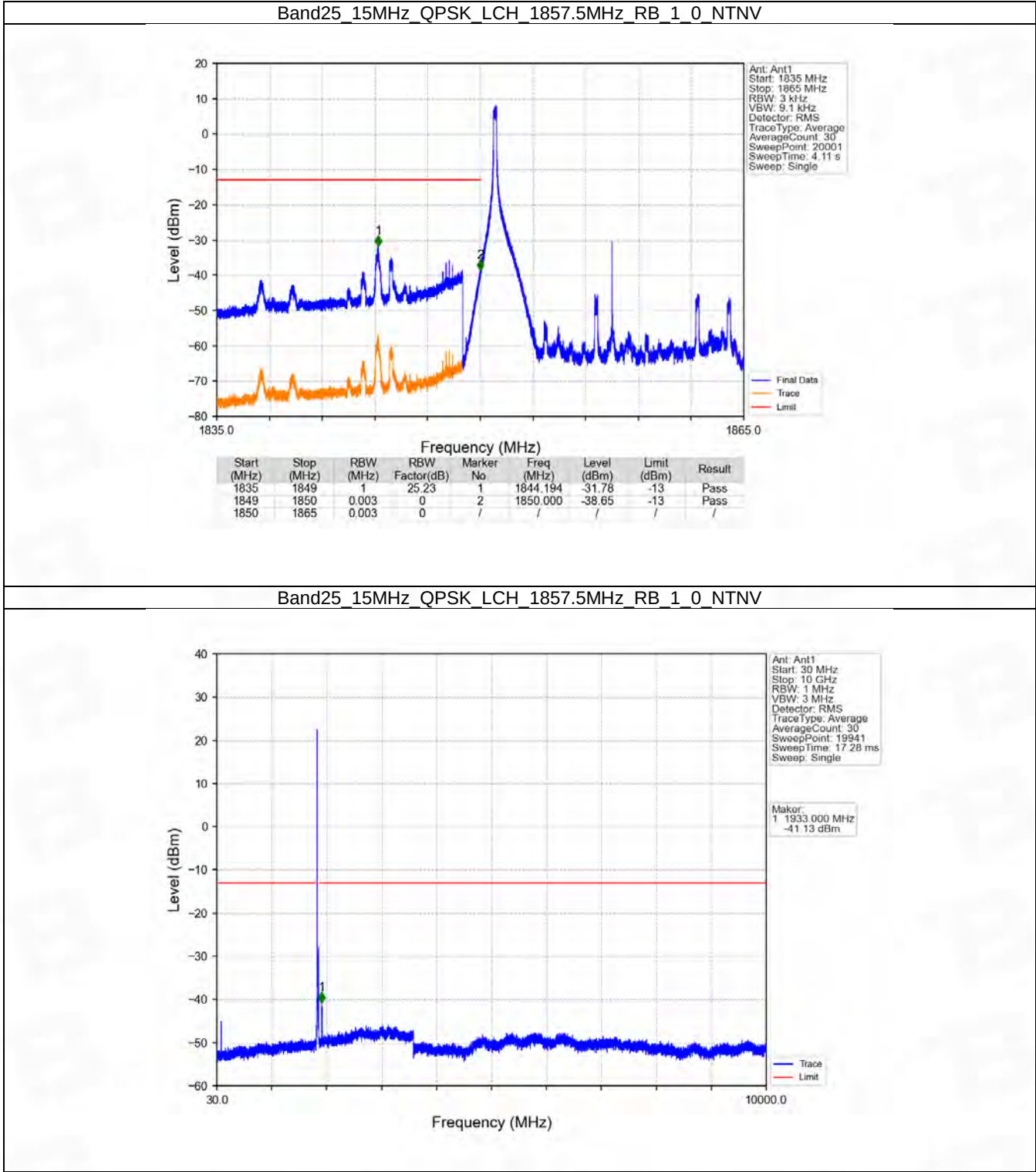


6.5 B25_15MHz

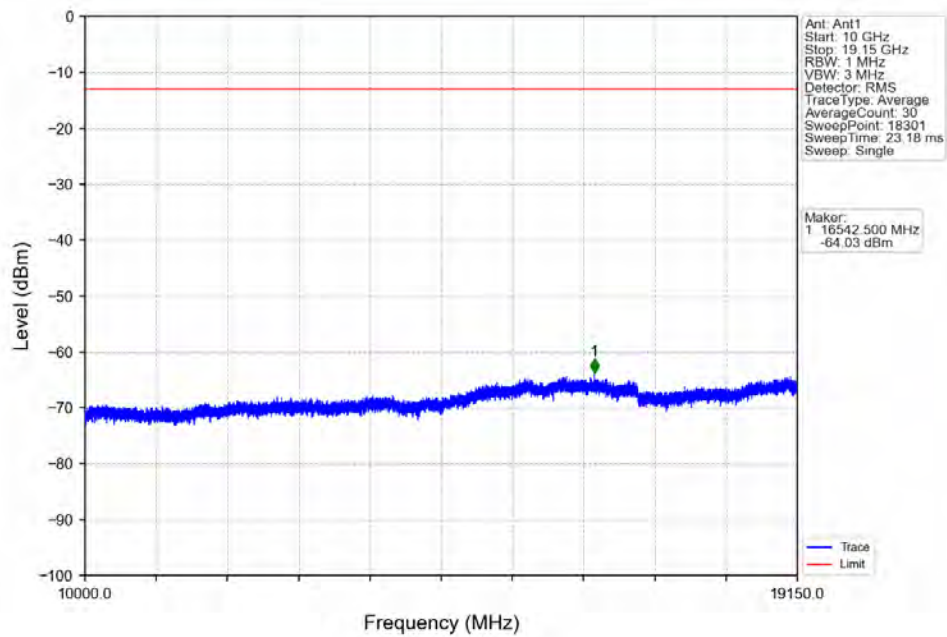
6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
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

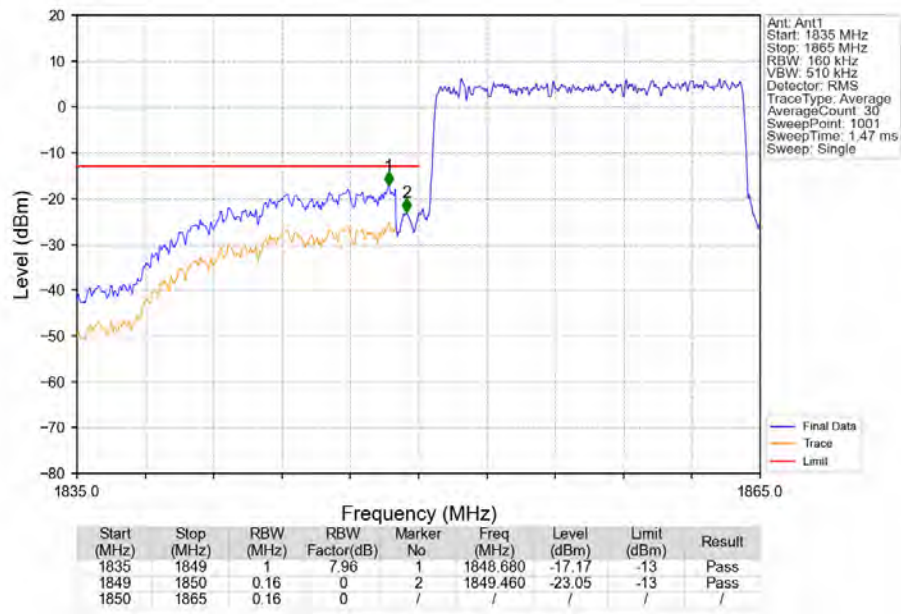
6.5.2 Test Graph



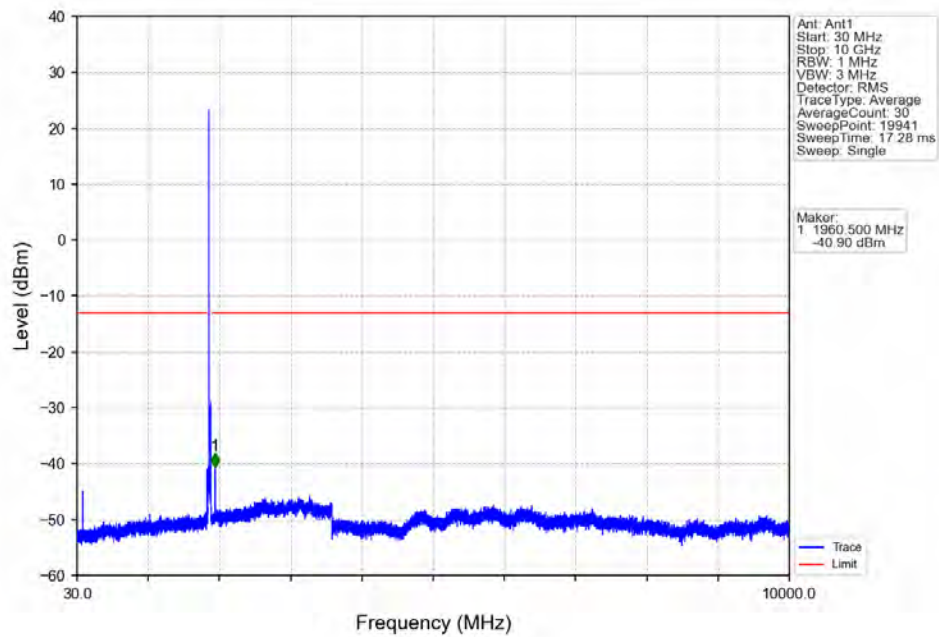
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



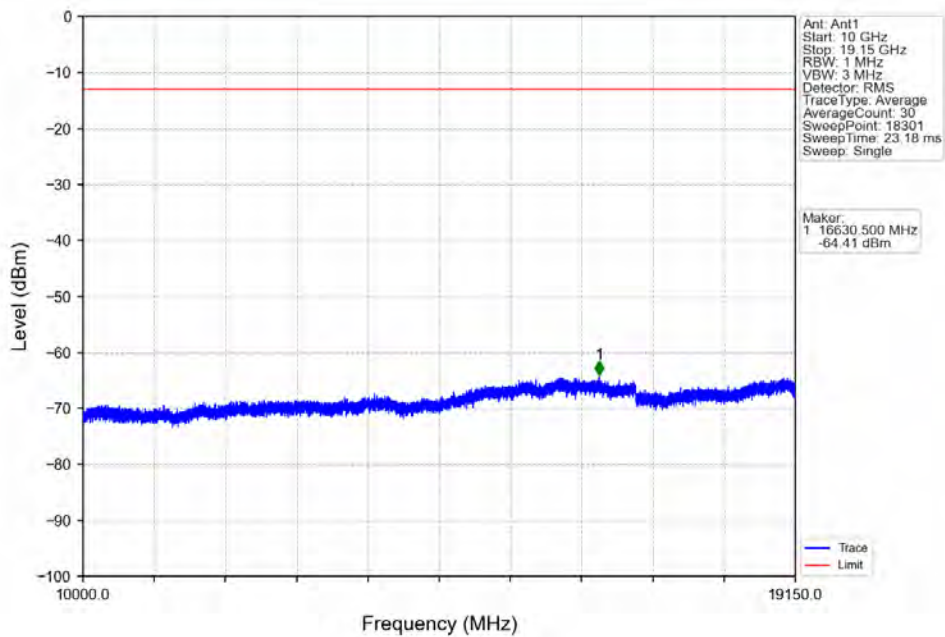
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



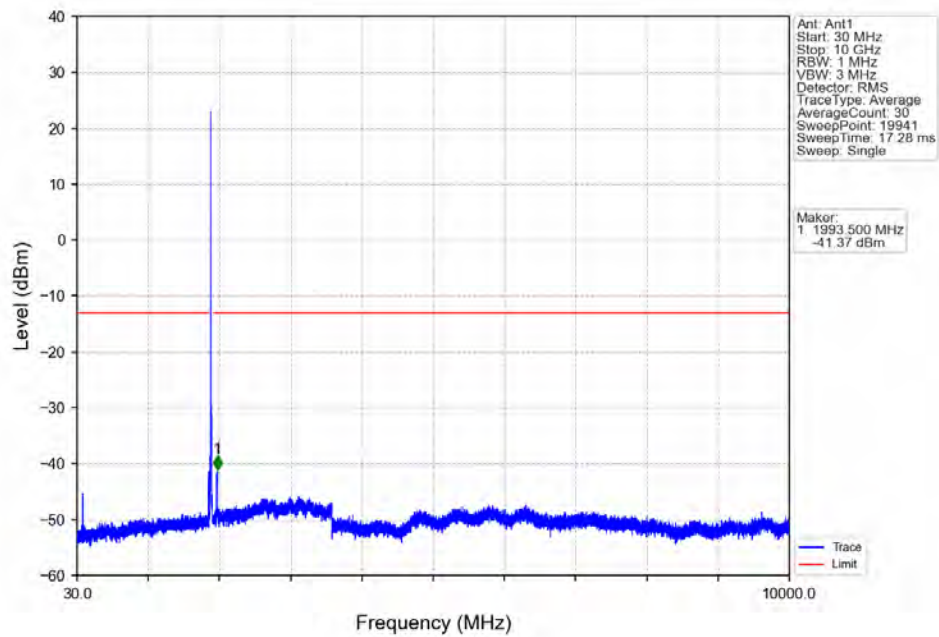
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



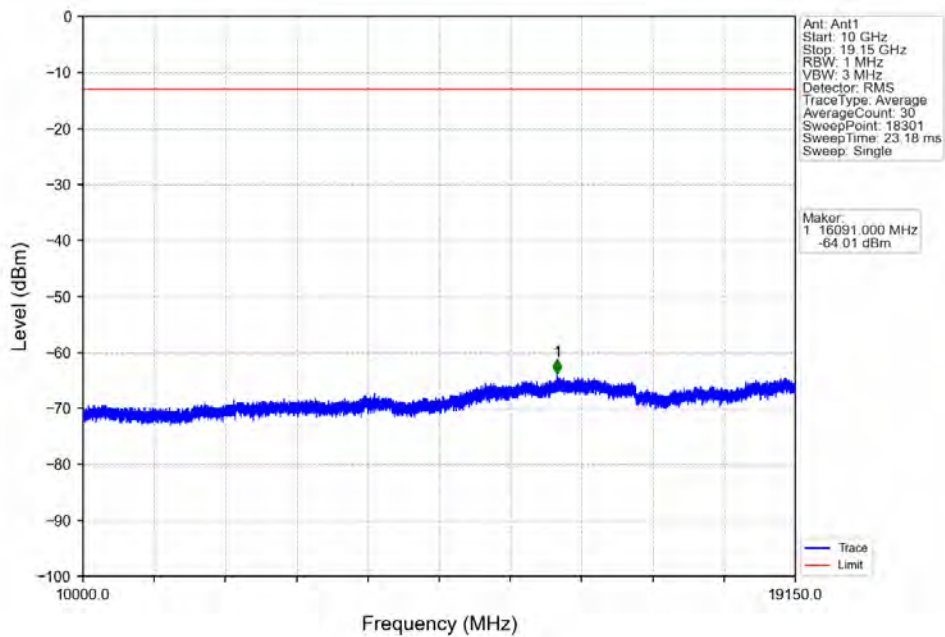
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



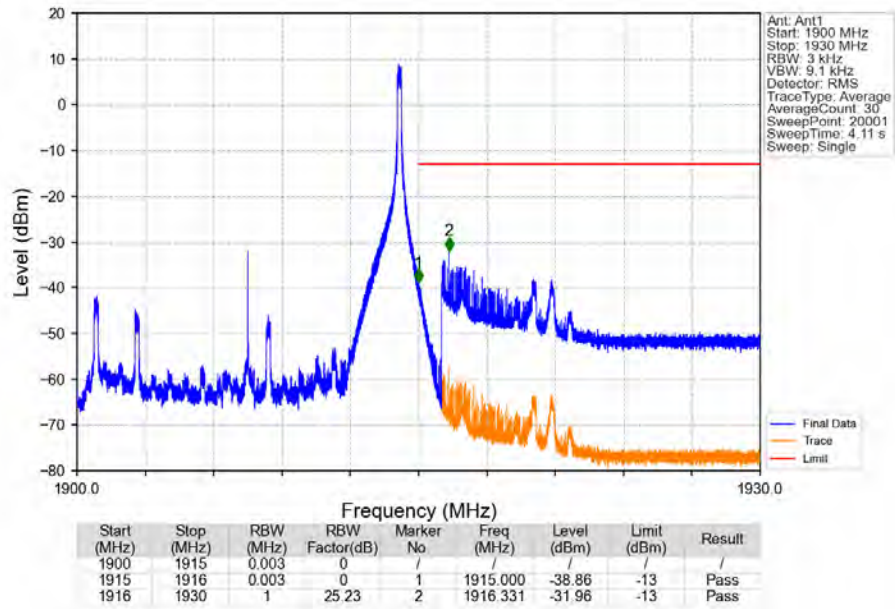
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



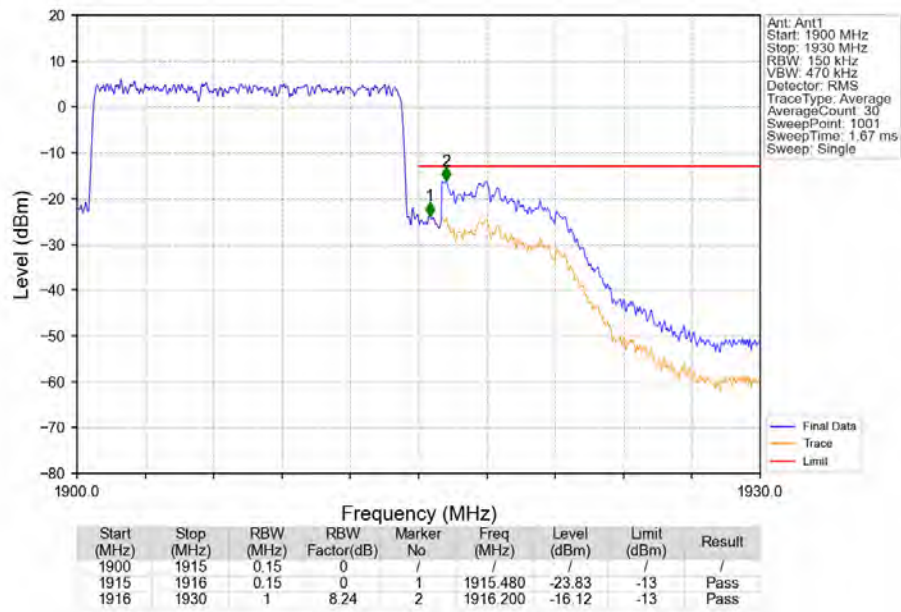
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



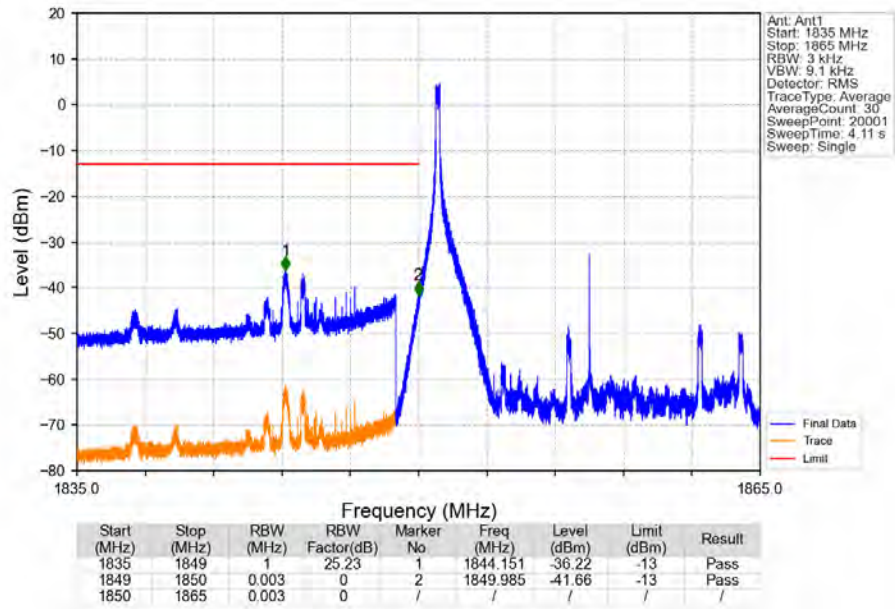
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



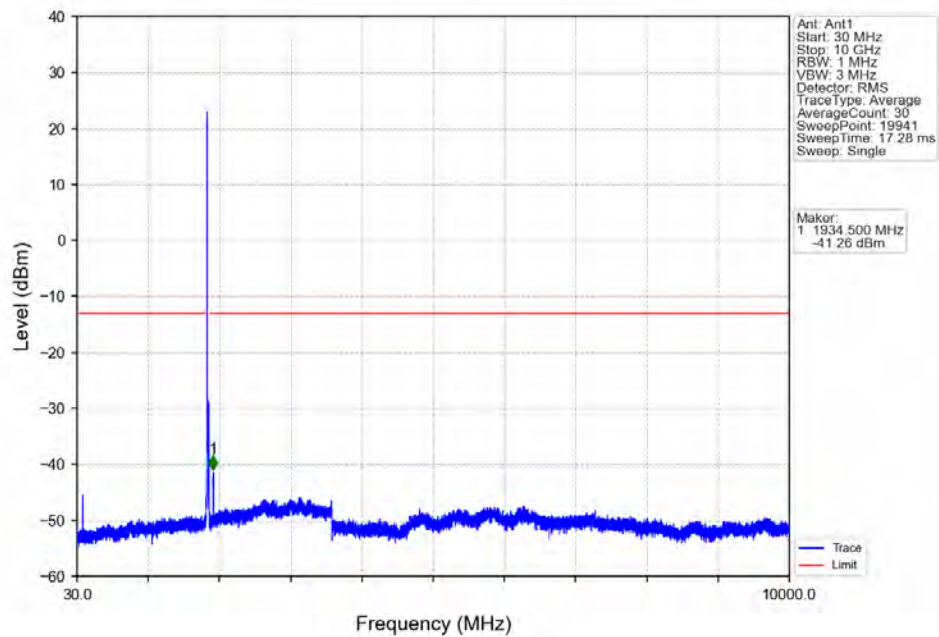
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



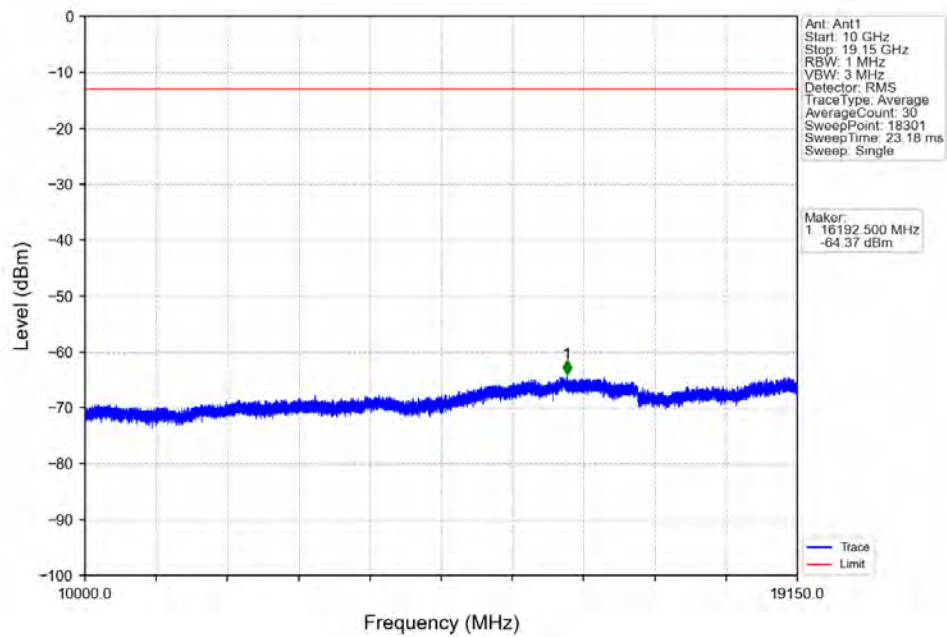
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



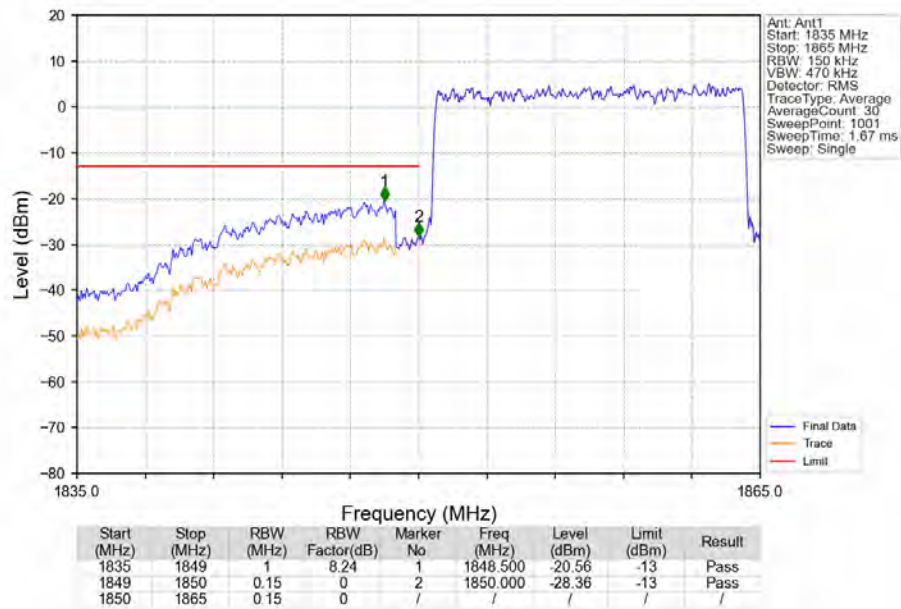
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



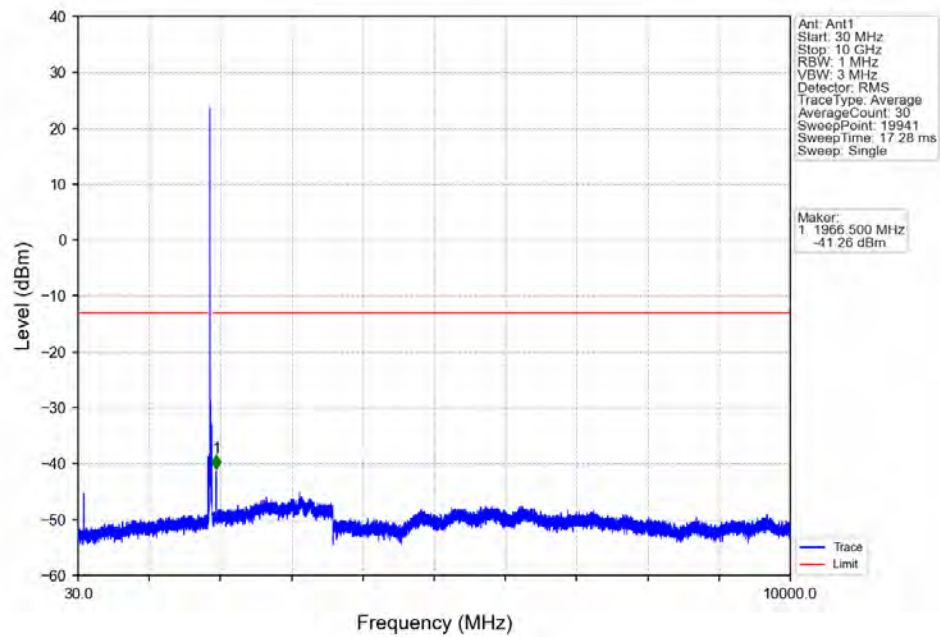
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



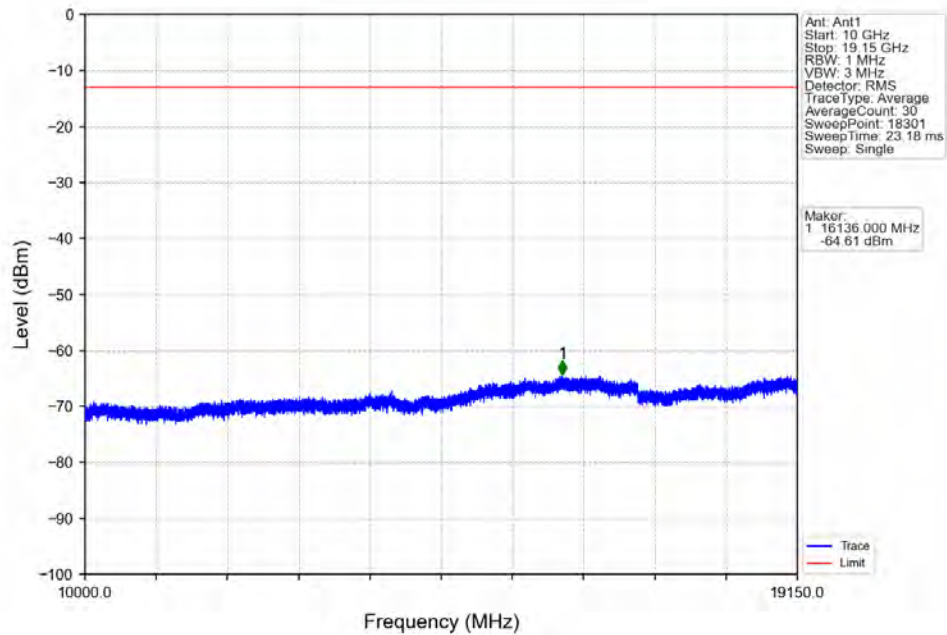
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



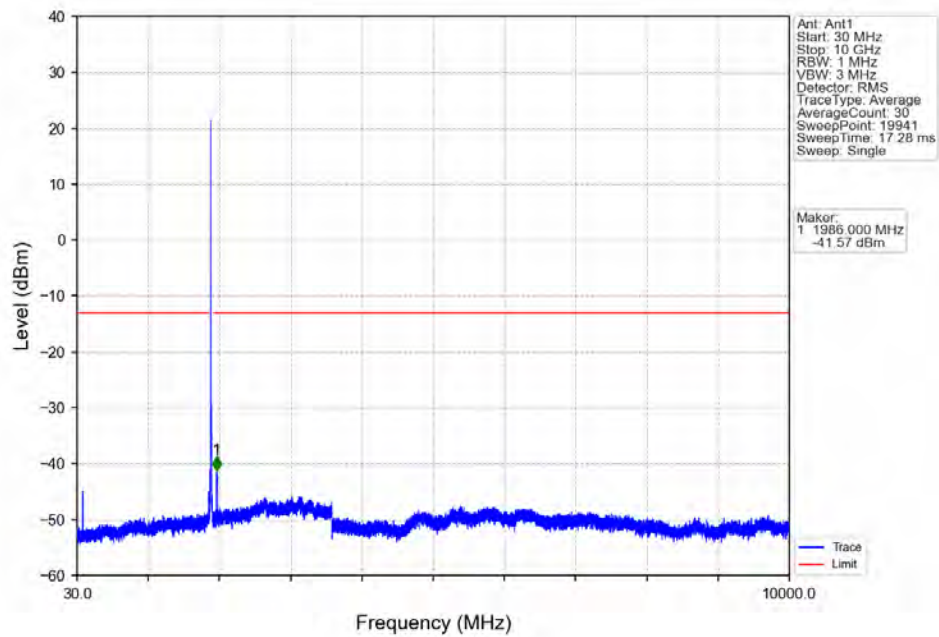
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



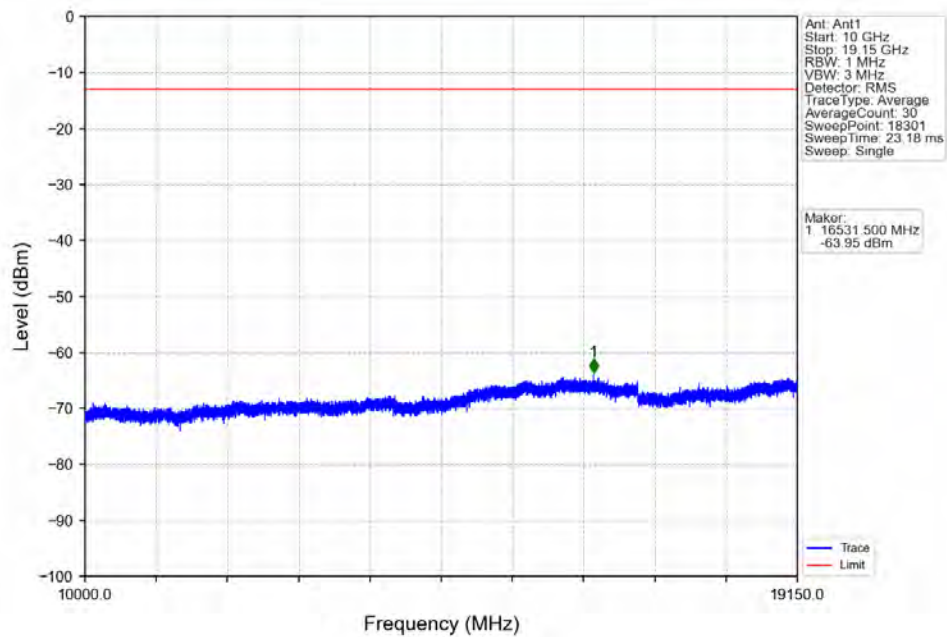
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



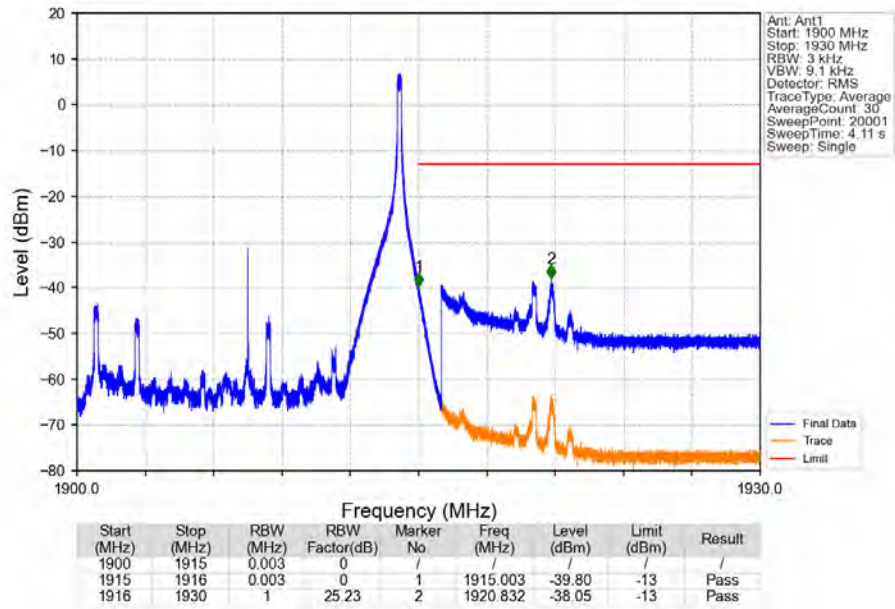
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



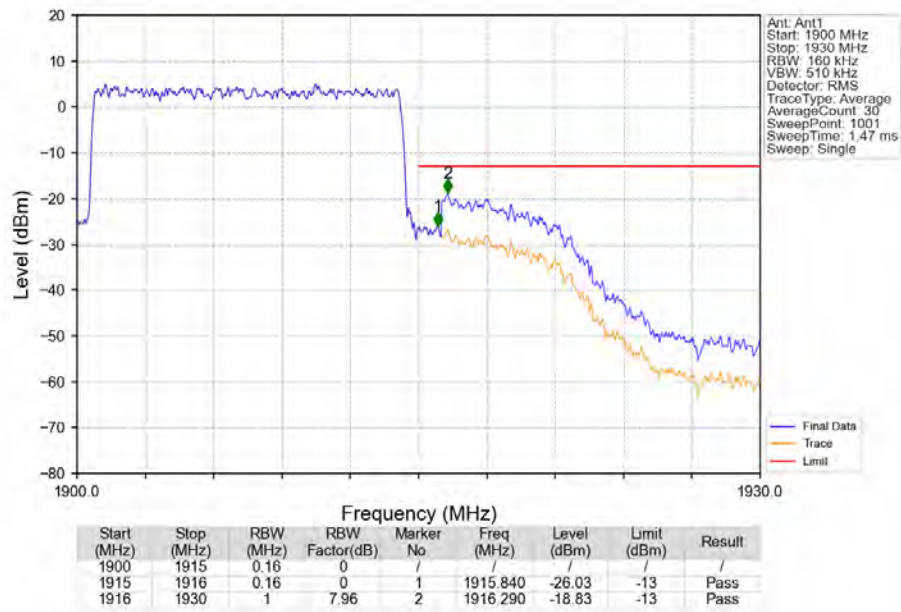
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_74_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



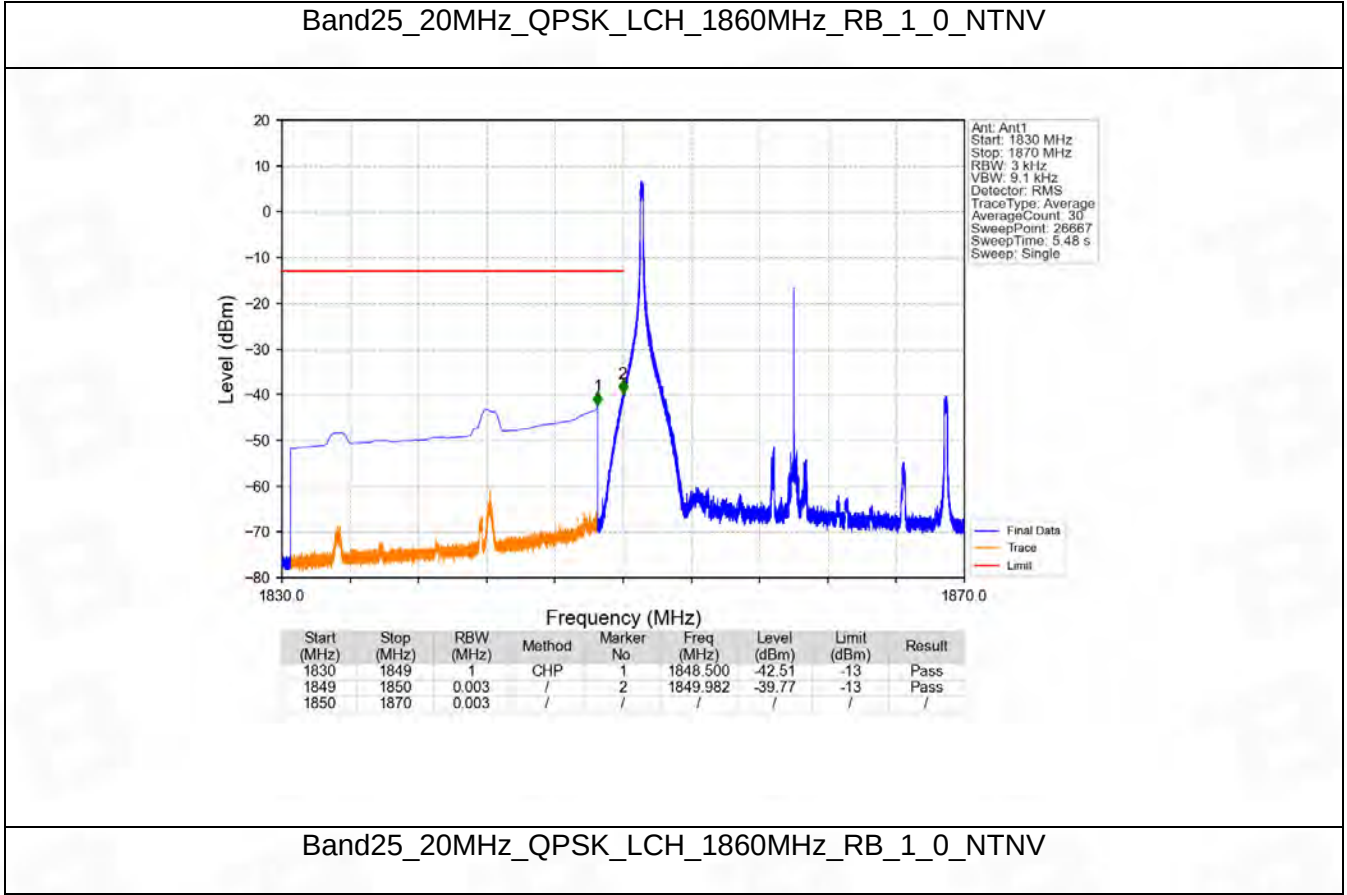
6.6 B25_20MHz

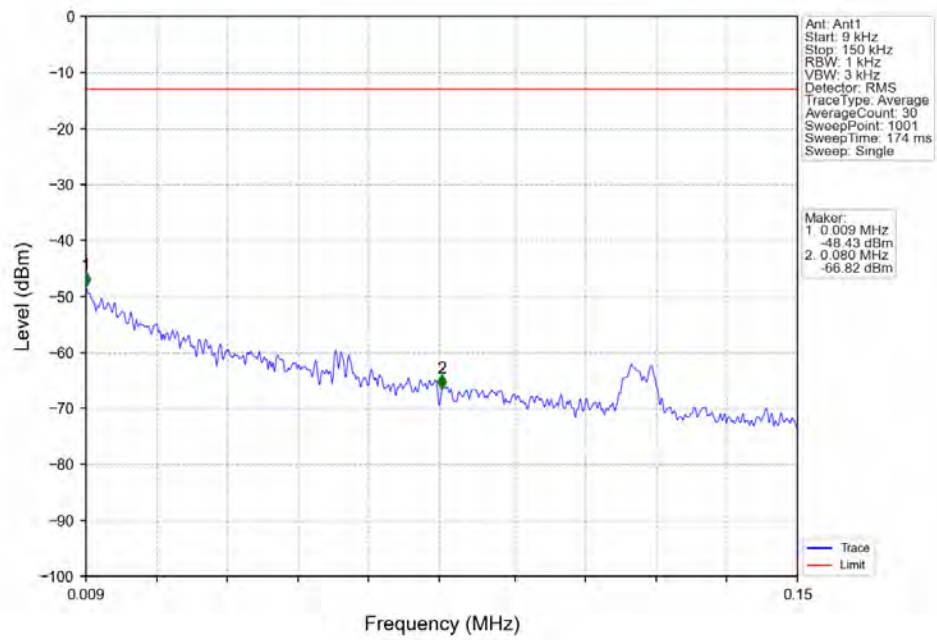
6.6 B25_20MHz

6.6.1 Test Result

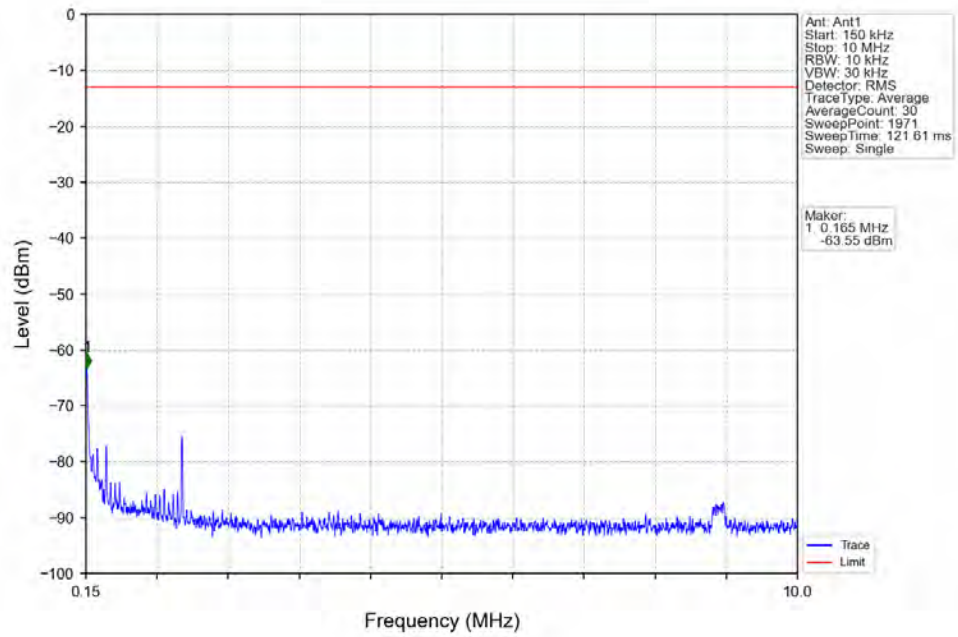
Band: 25 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

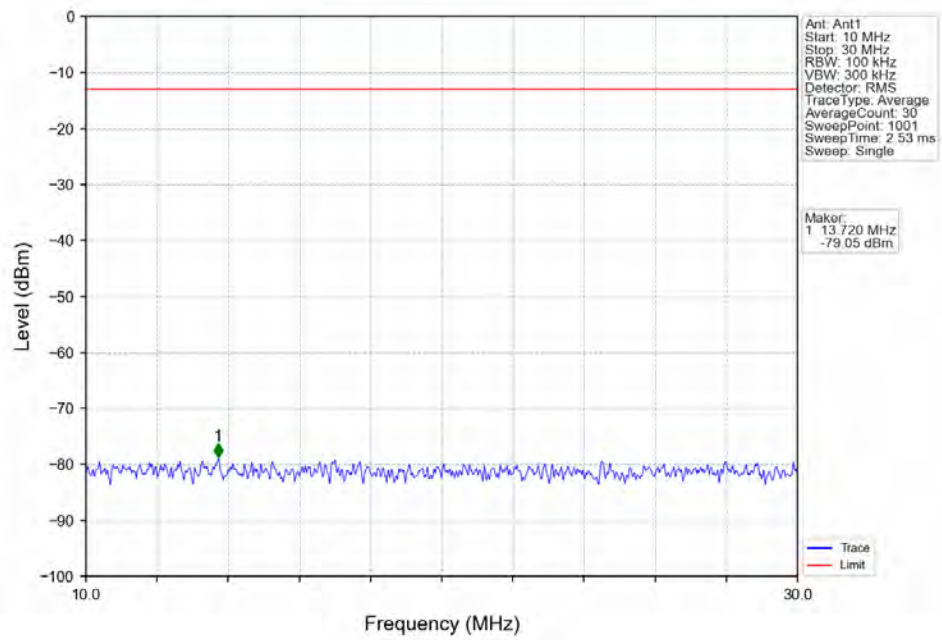




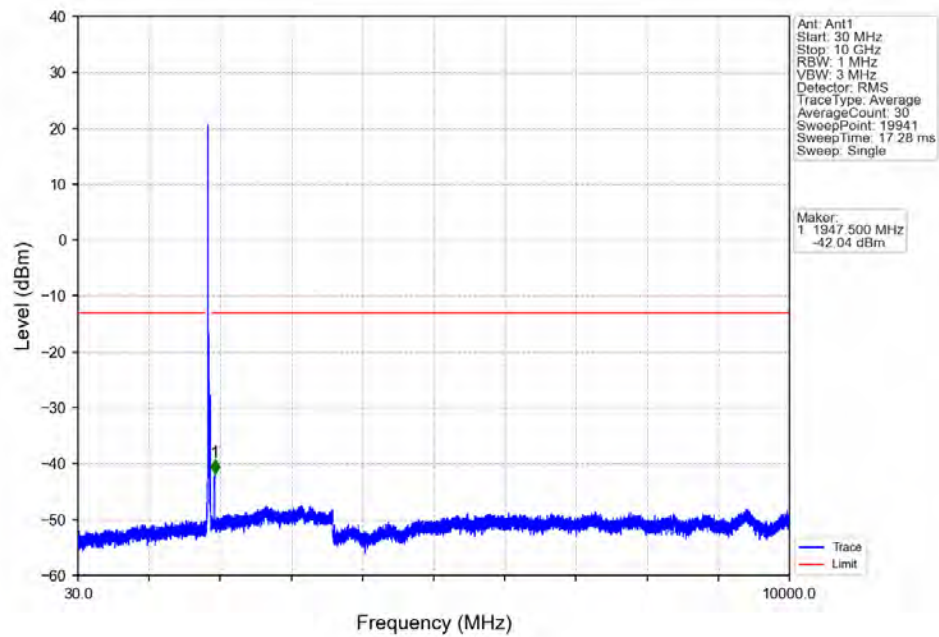
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



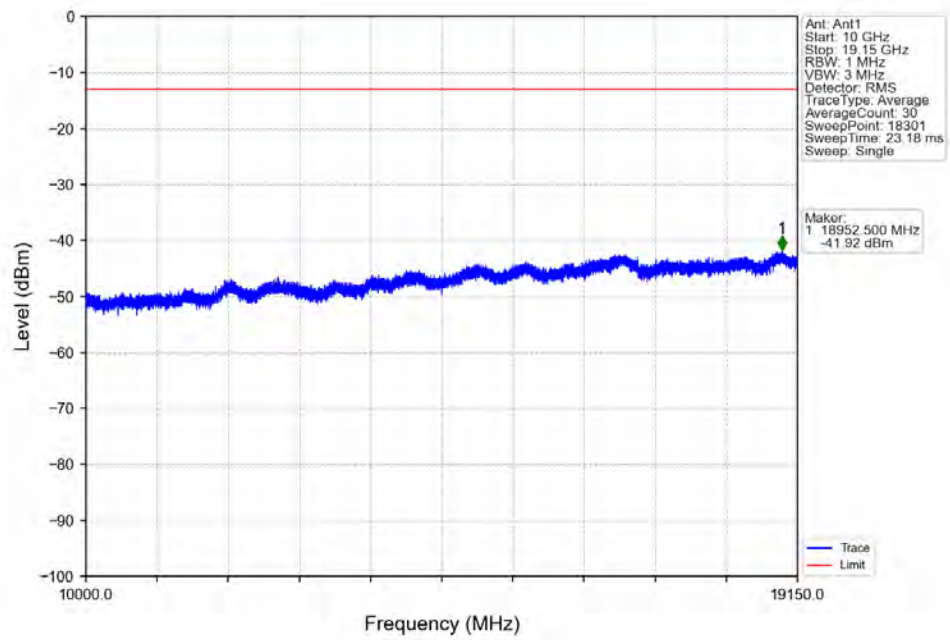
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



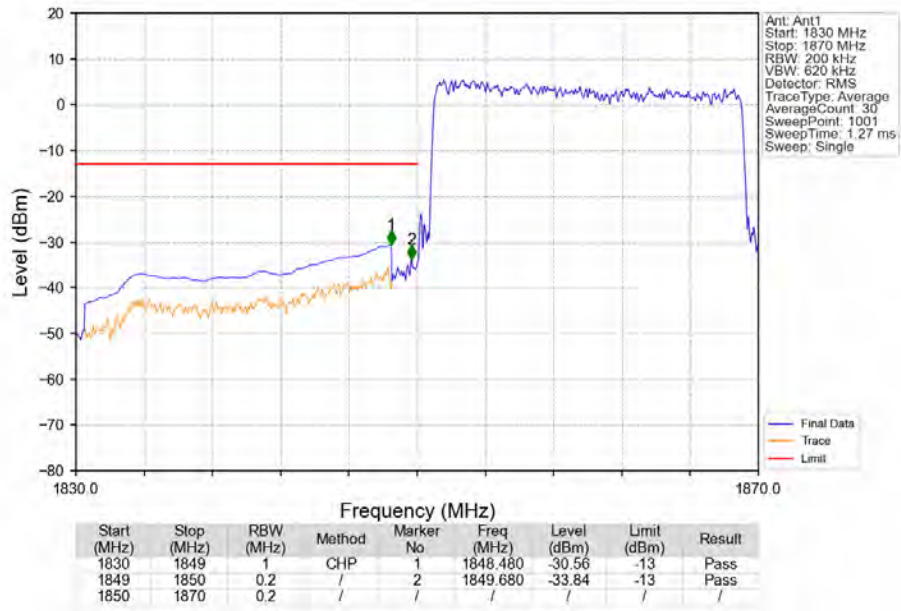
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



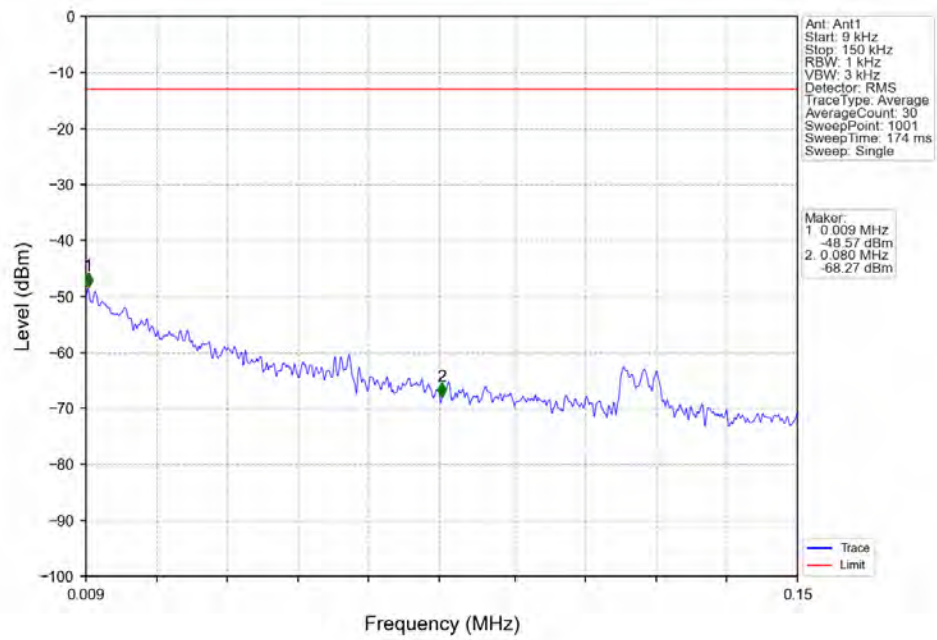
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



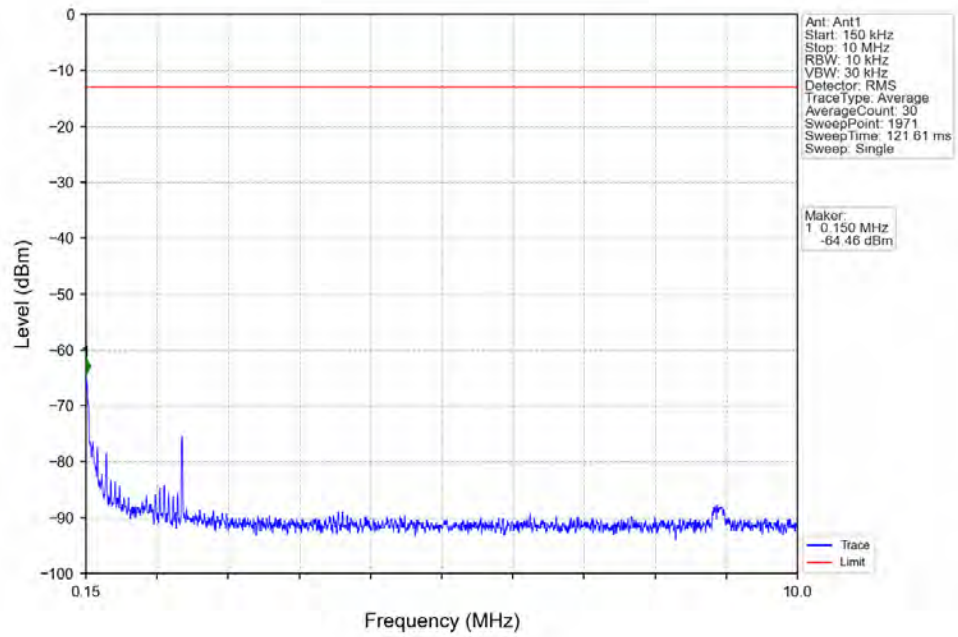
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



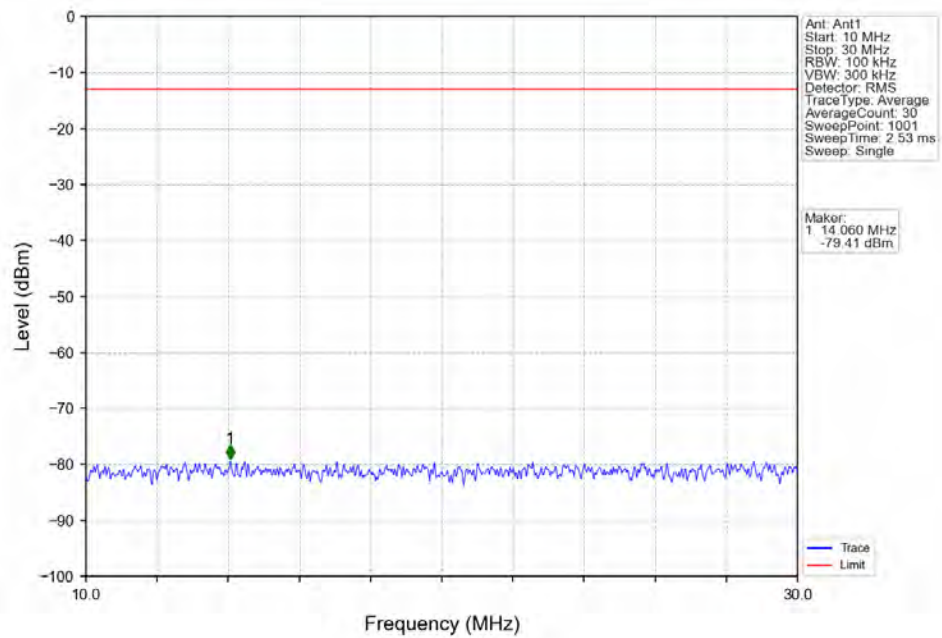
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



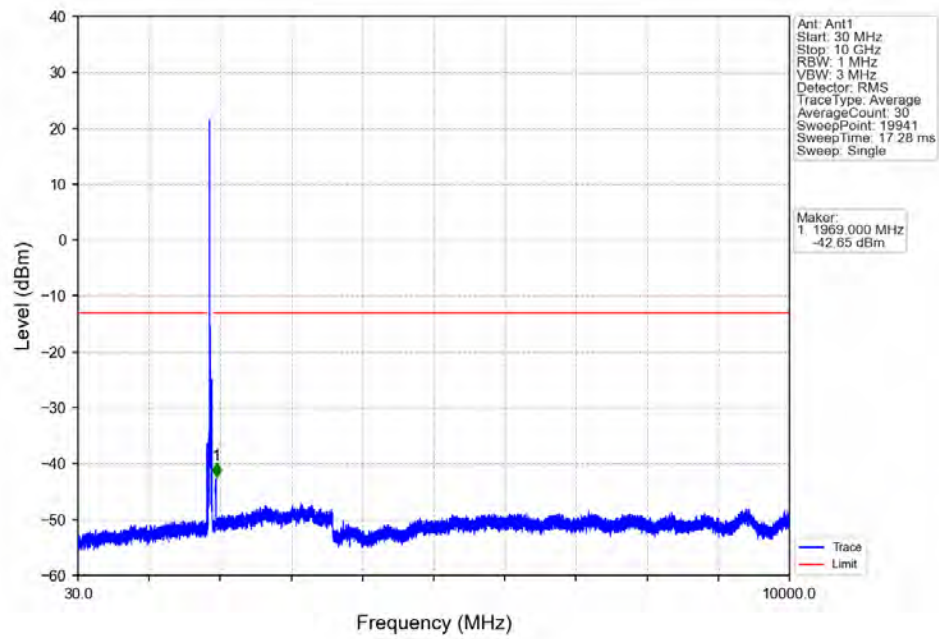
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



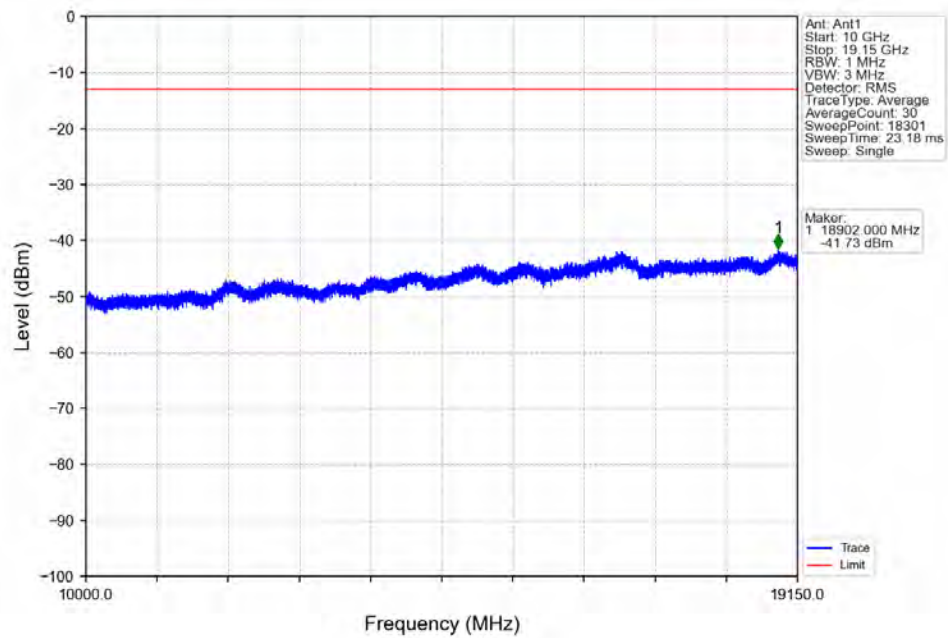
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



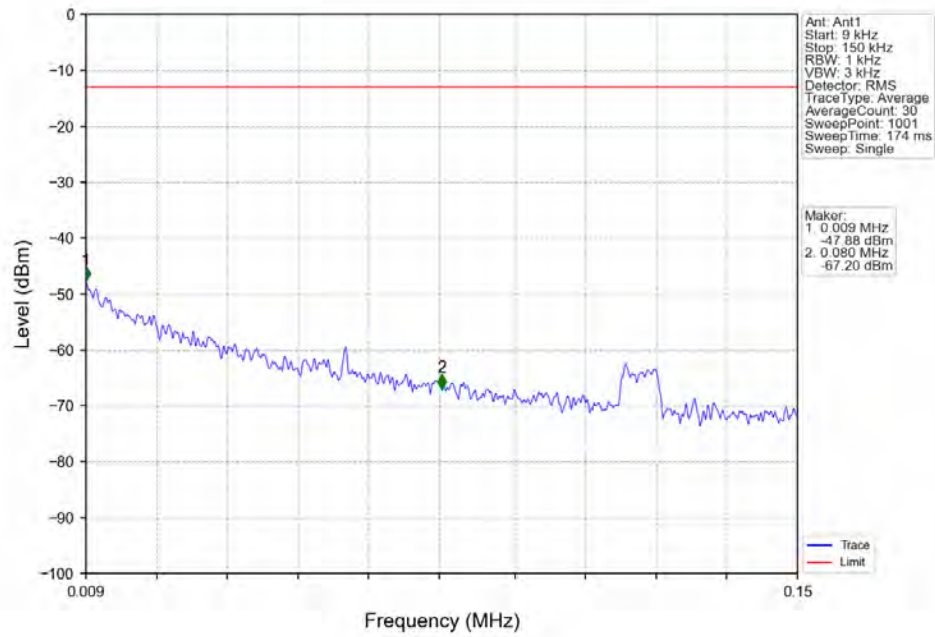
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



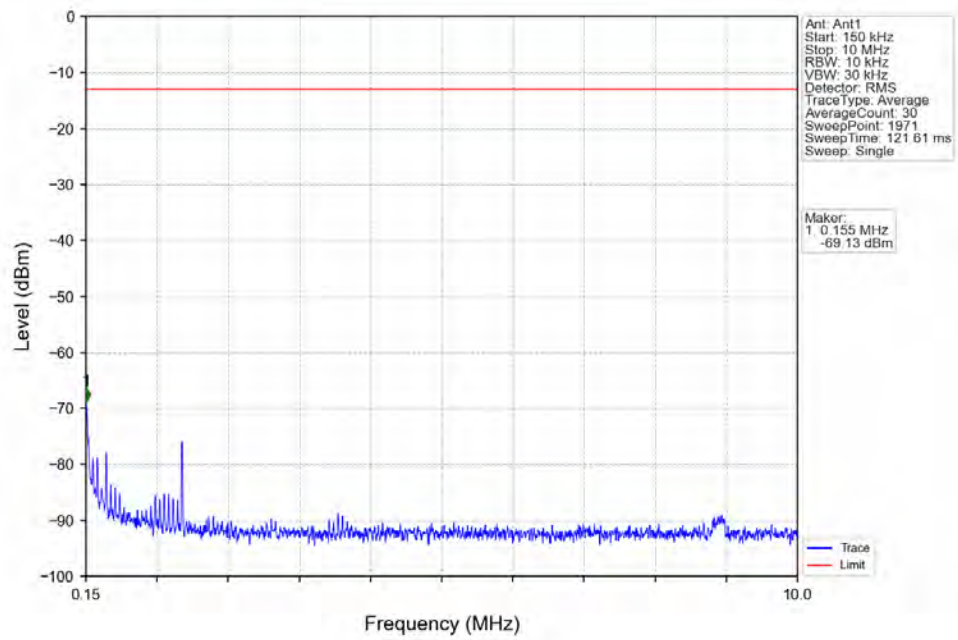
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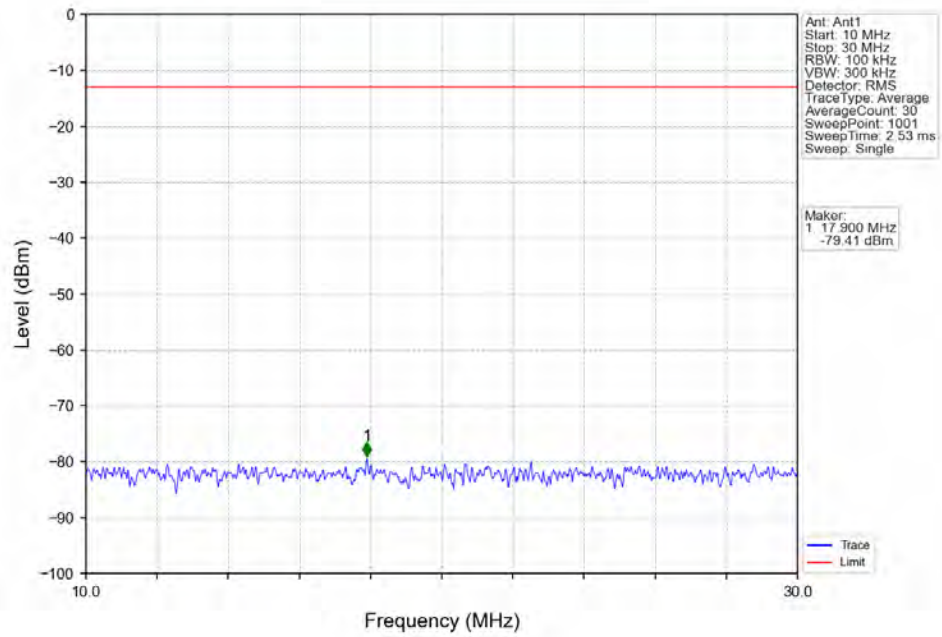
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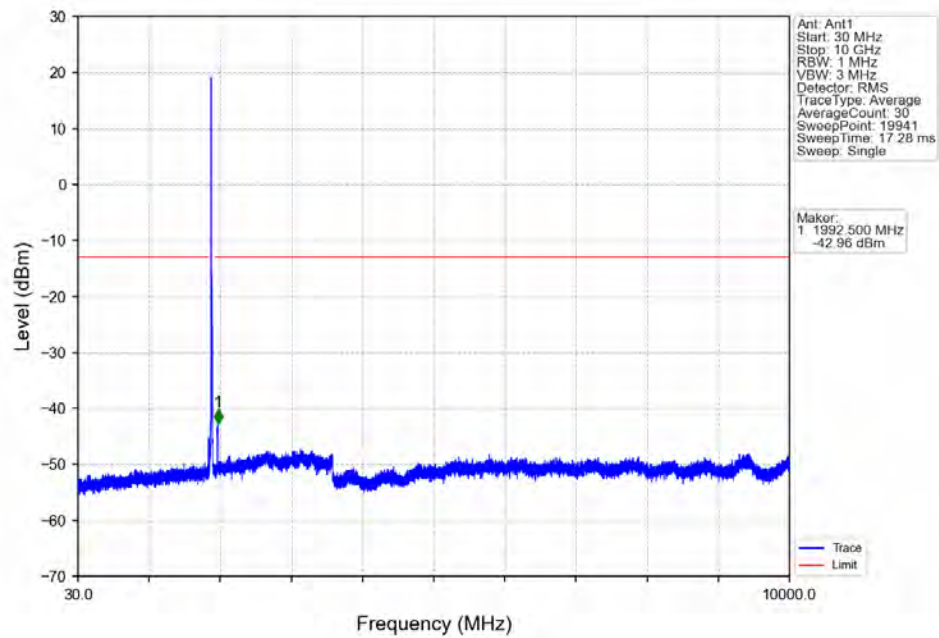
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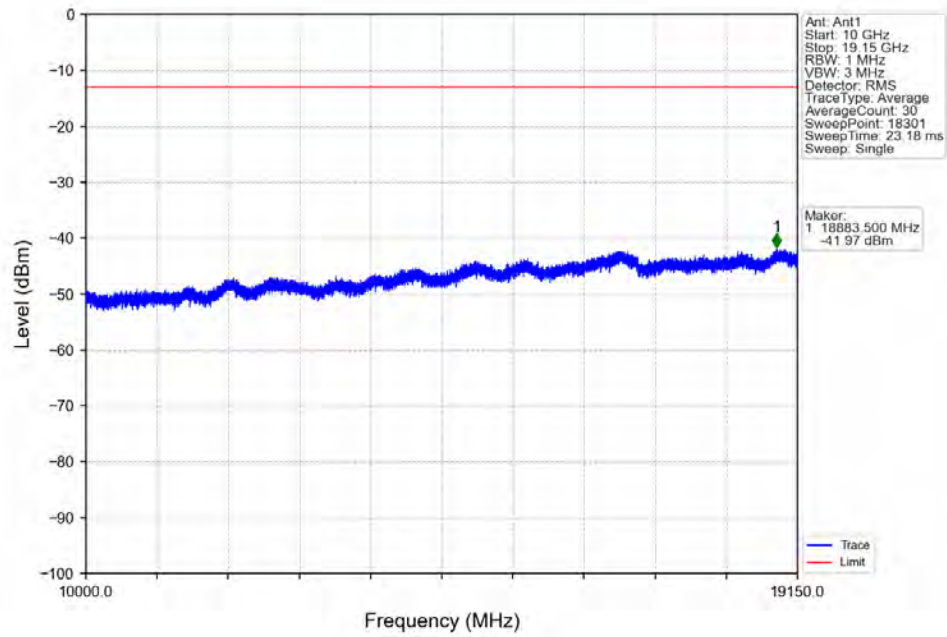
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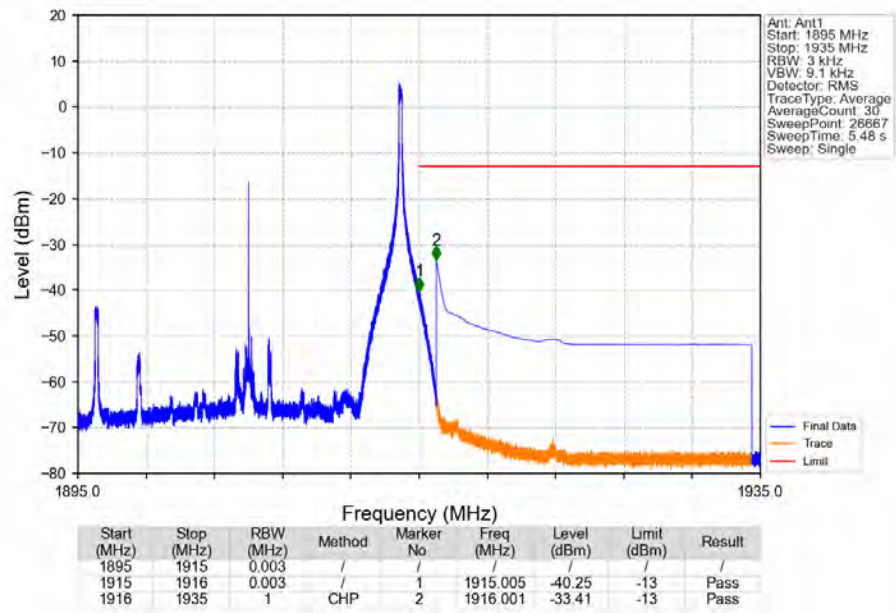
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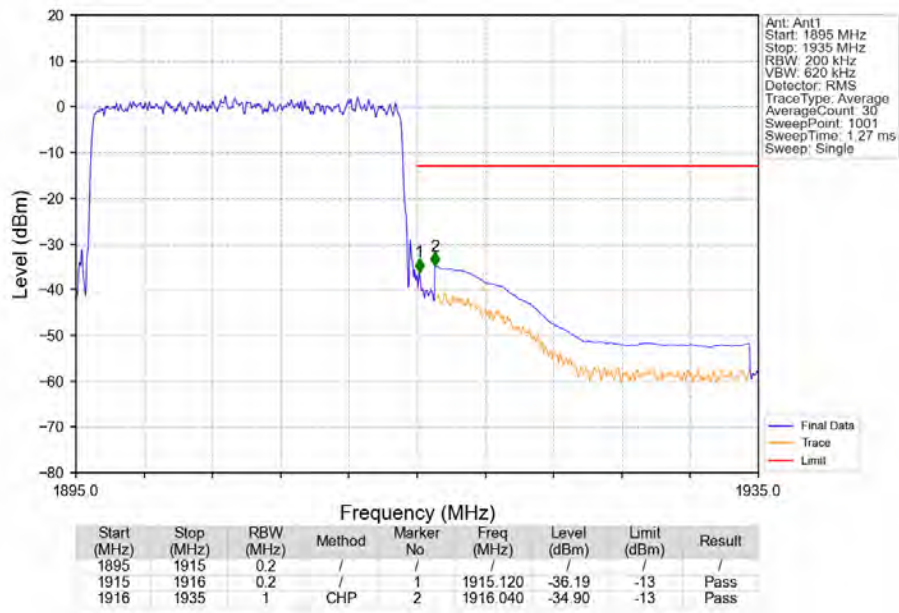
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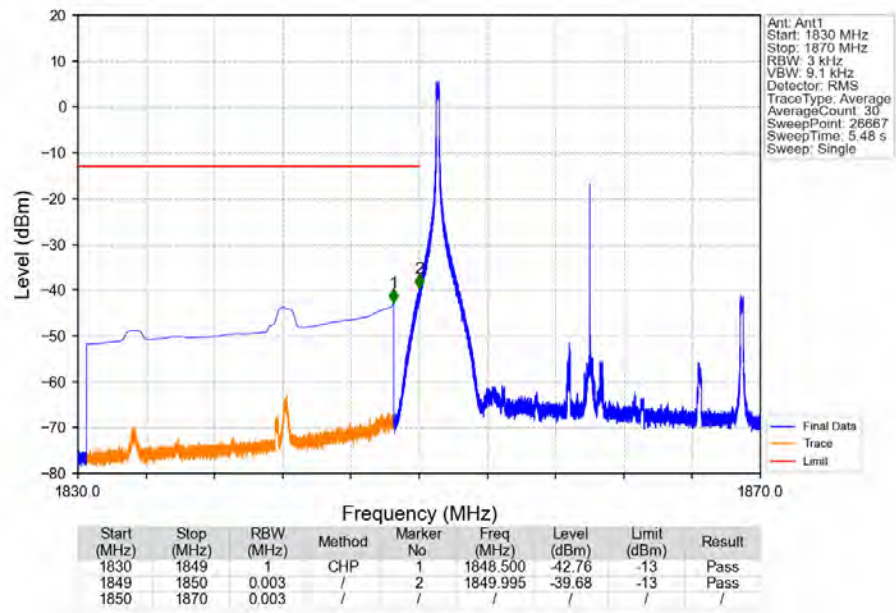
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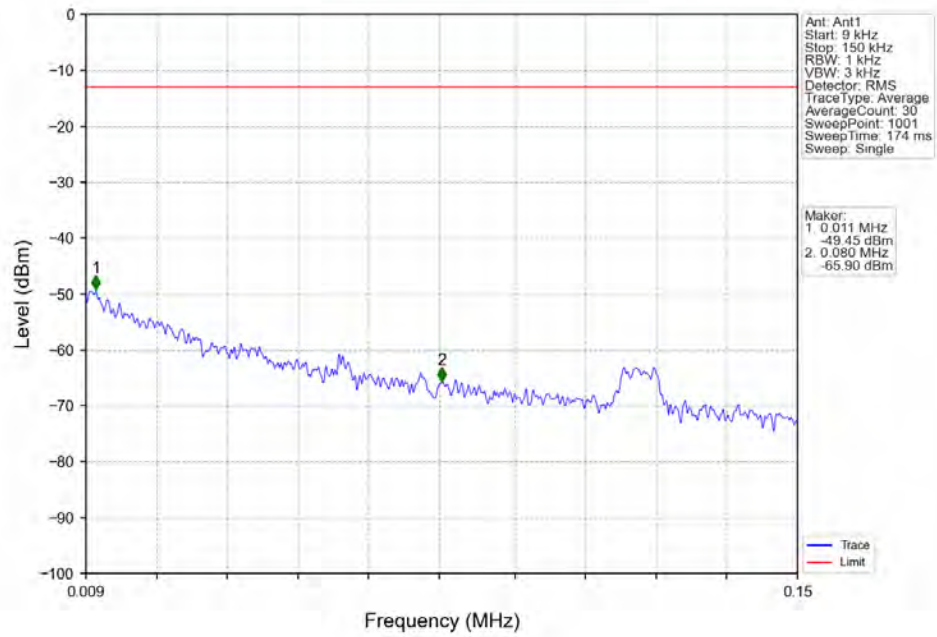
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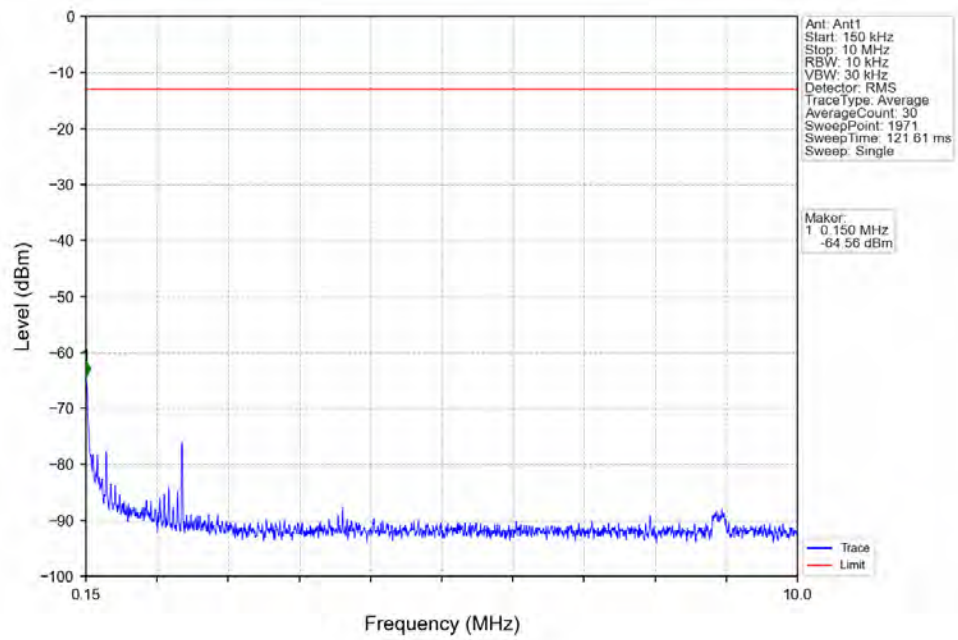
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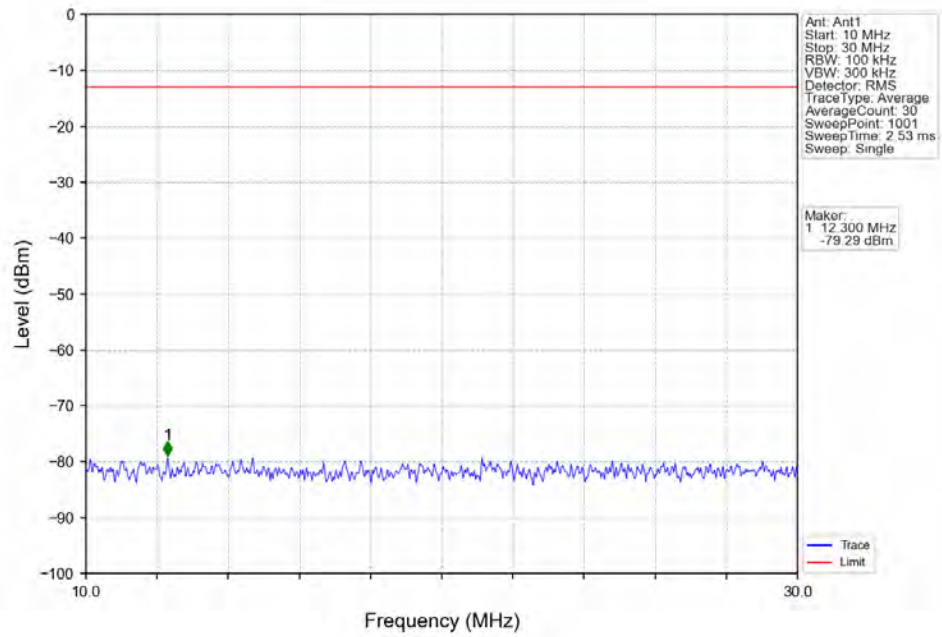
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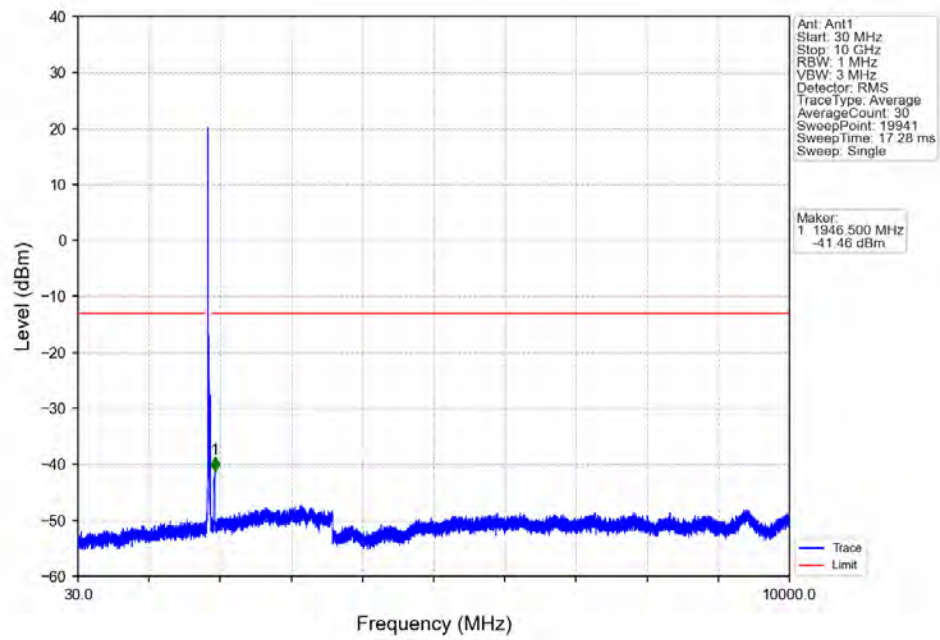
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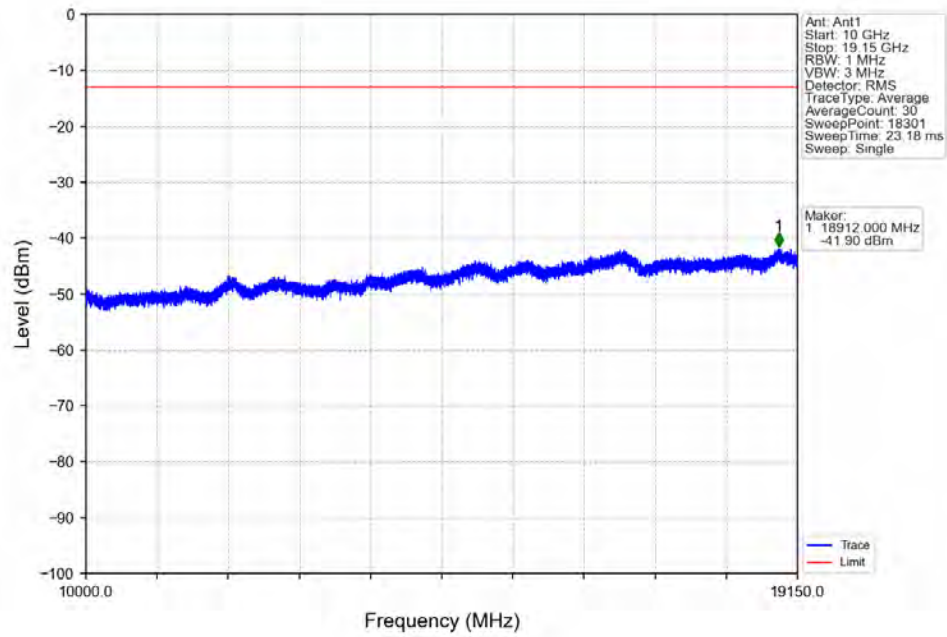
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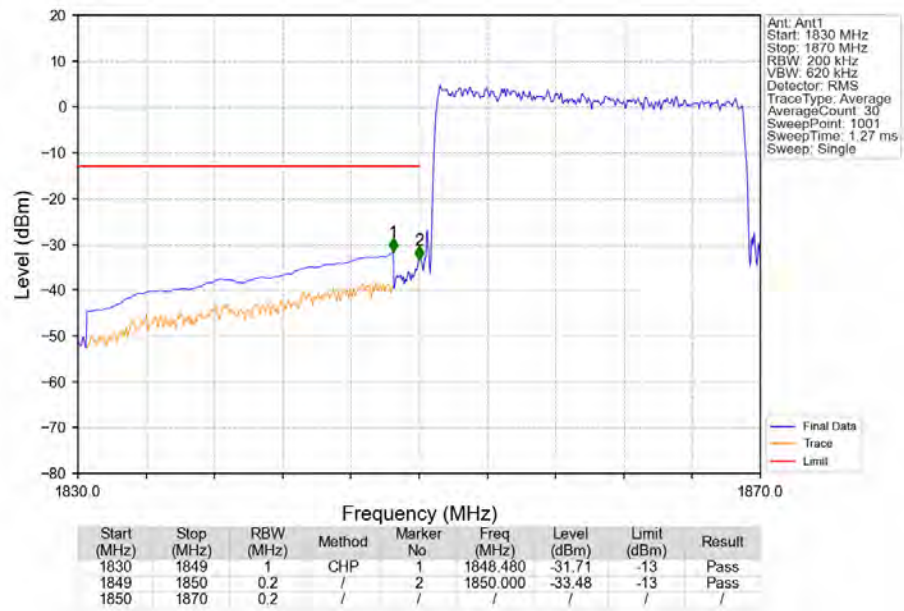
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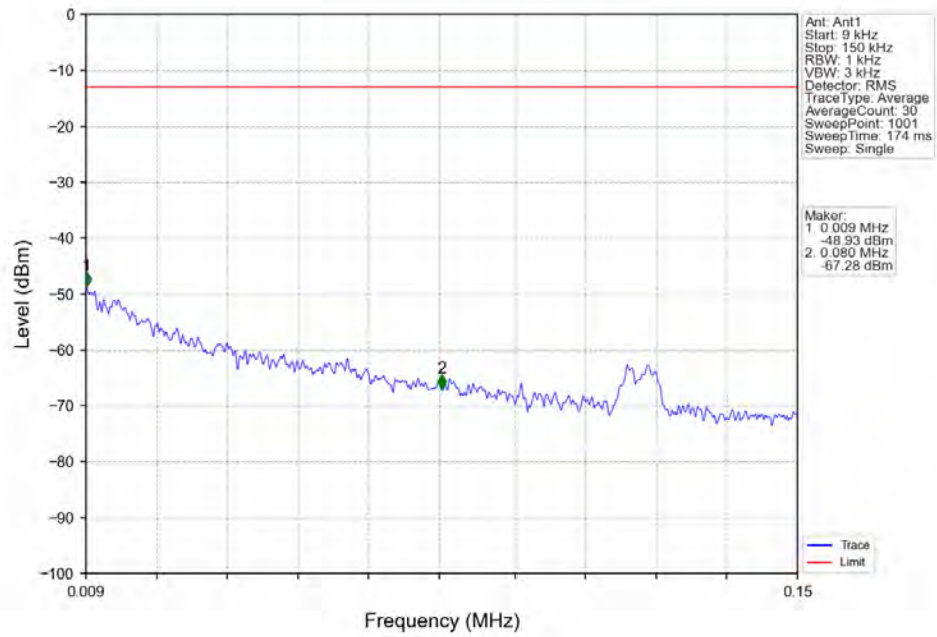
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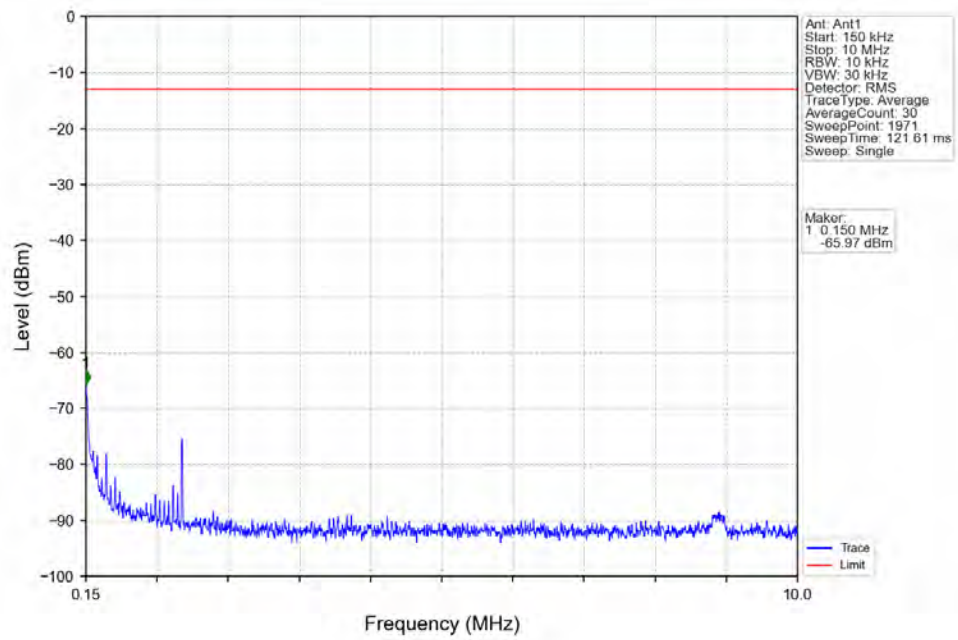
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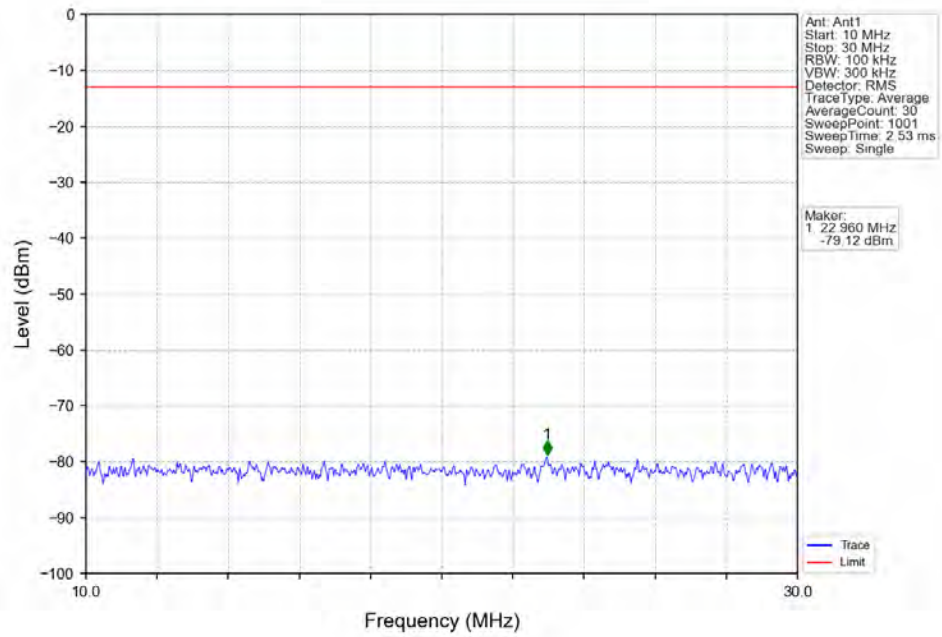
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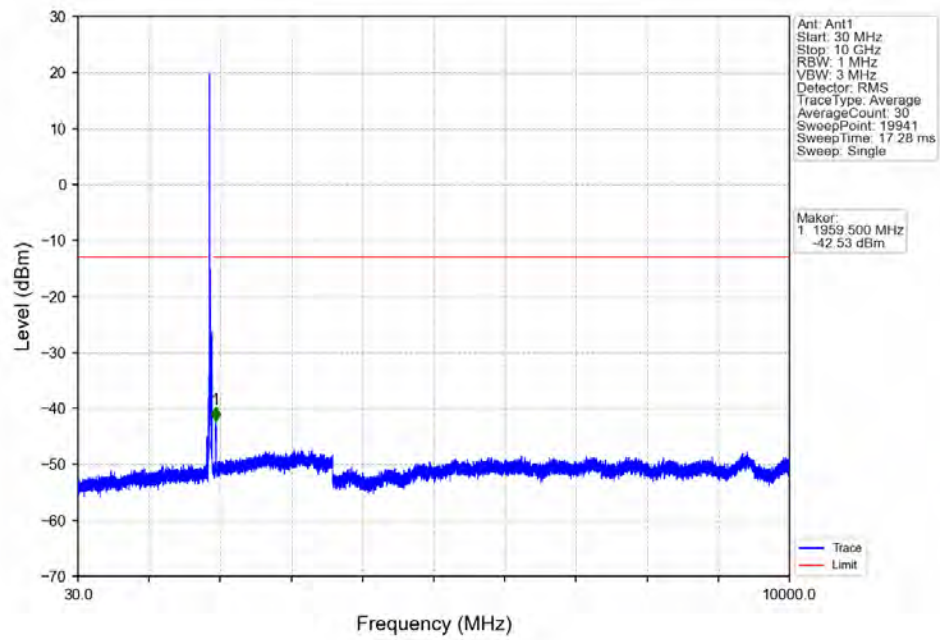
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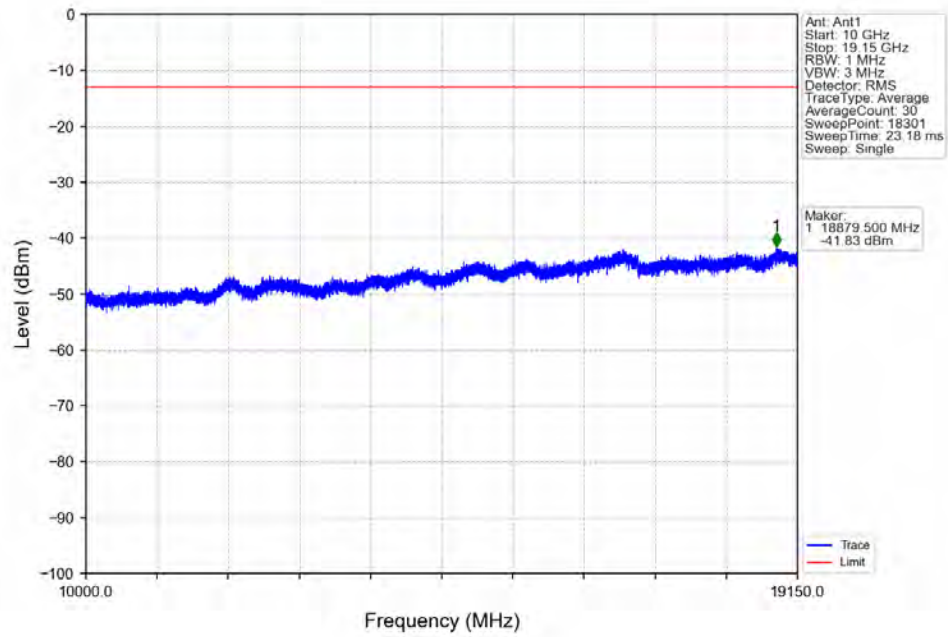
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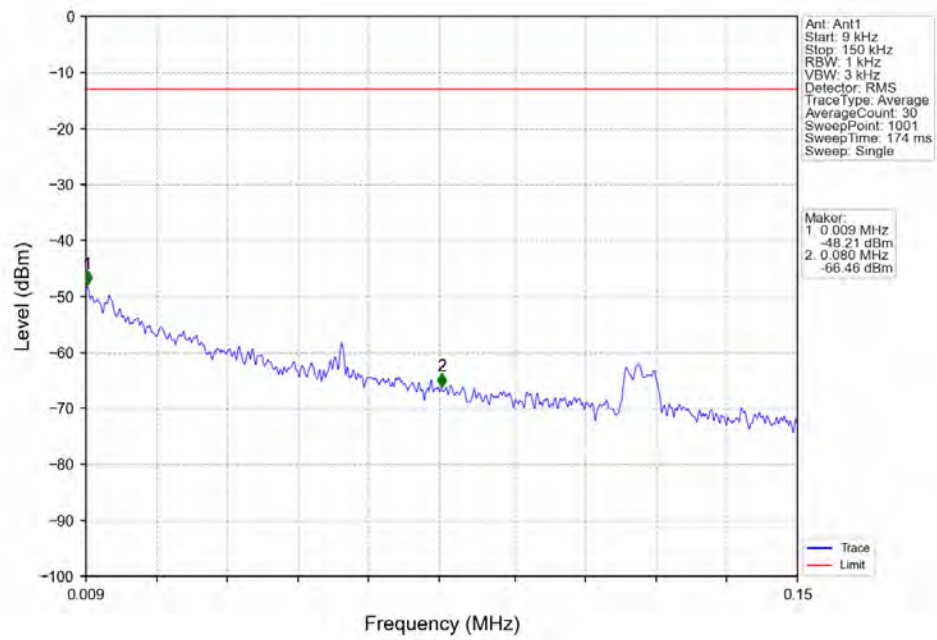
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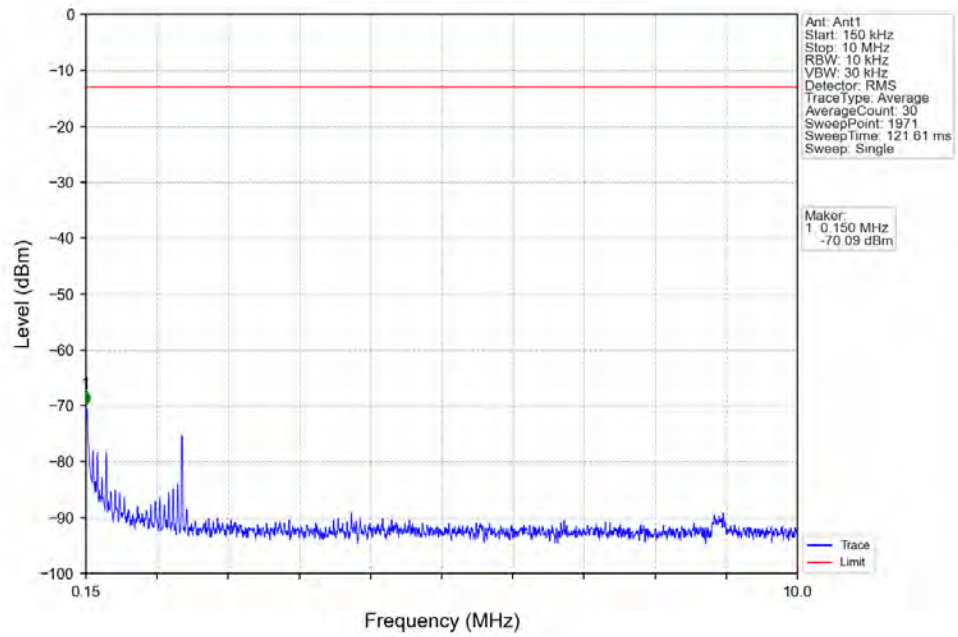
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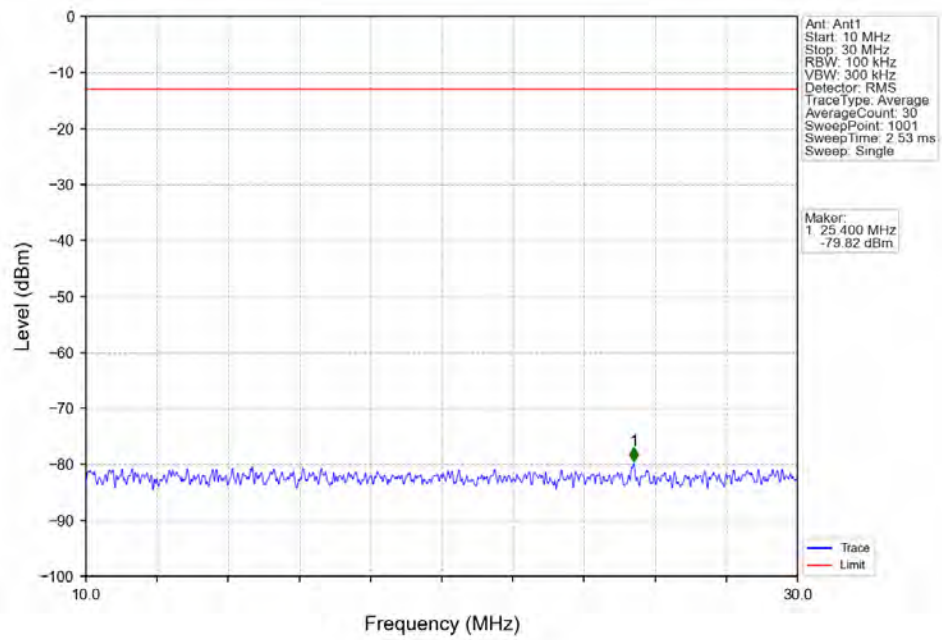
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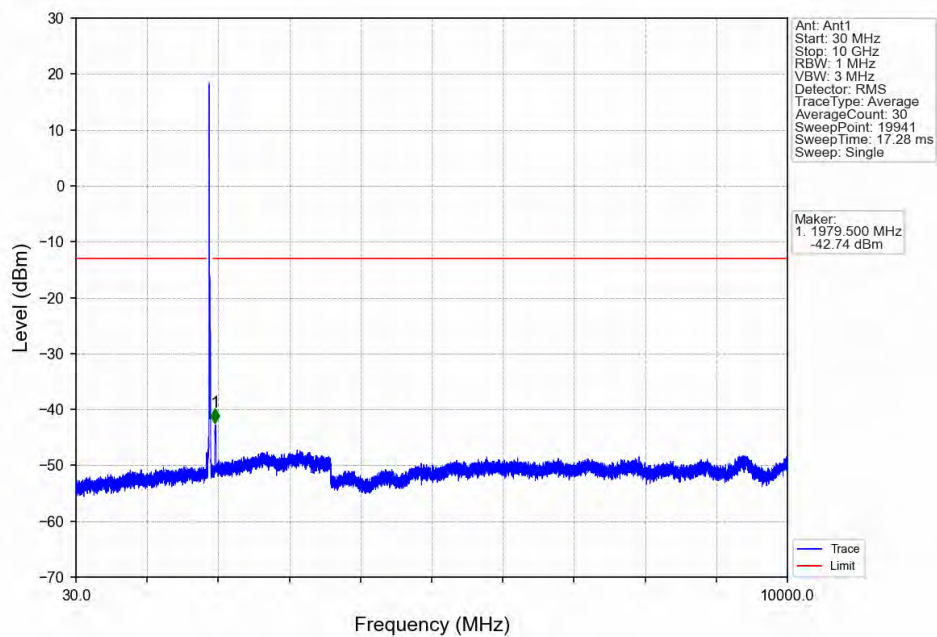
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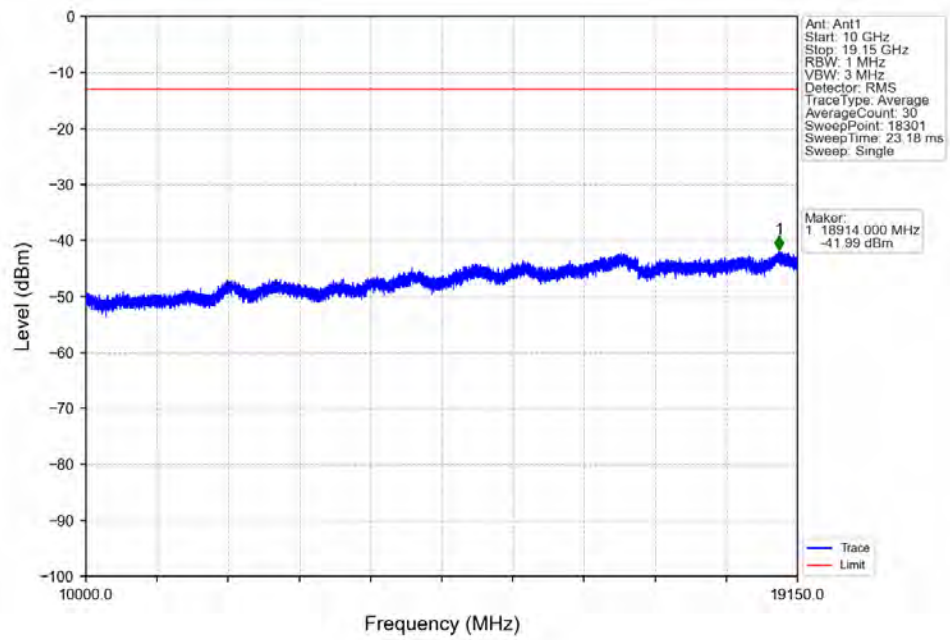
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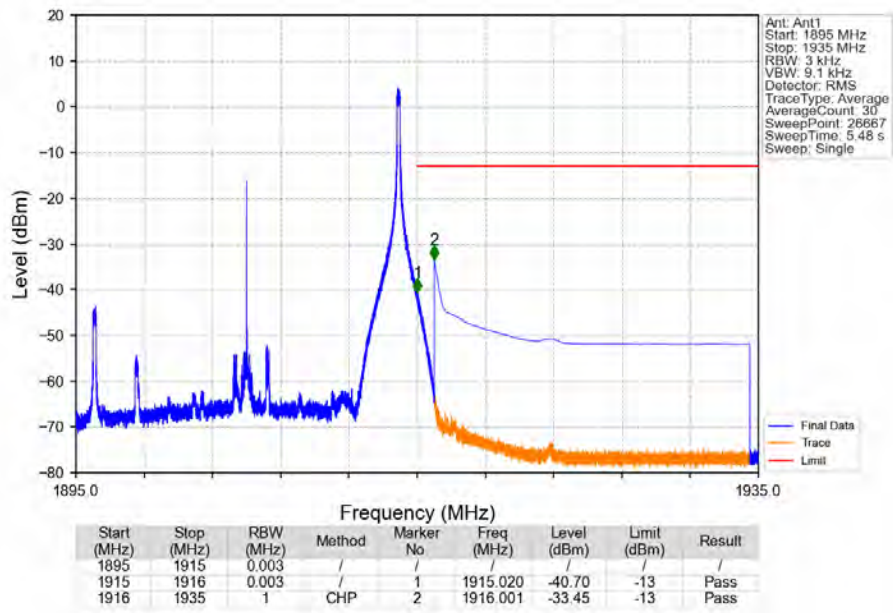
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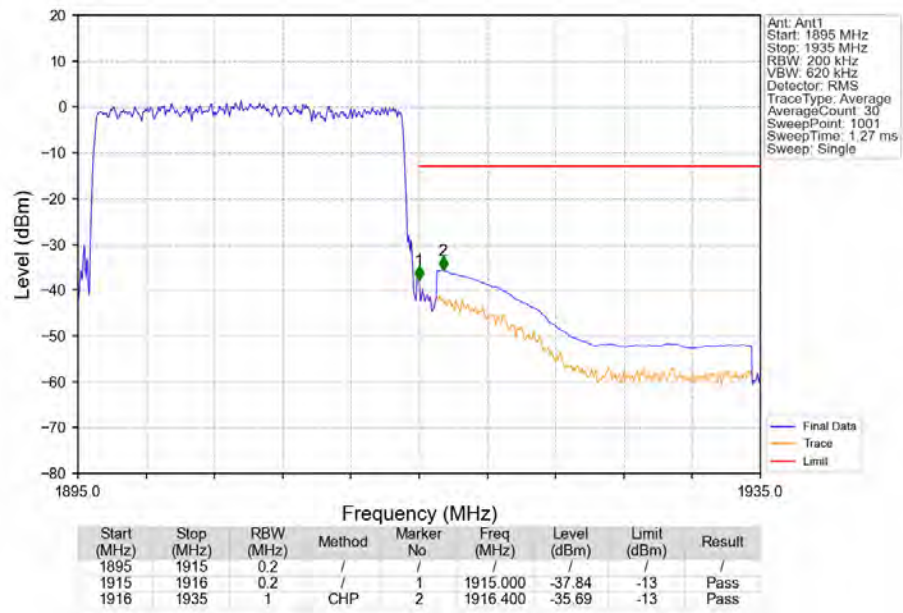
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Band25_20MHz_16QAM_HCH_1905MHz_RB_1_99_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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	0.1396	0.0059	ppm	1M13G7D	24E	21.45
25	1.4	1850.7	1914.3	0.1102	0.0048	ppm	1M12W7D	24E	20.42
25	3	1851.5	1913.5	0.1422	0.0056	ppm	2M74G7D	24E	21.53
25	3	1851.5	1913.5	0.1216	0.0073	ppm	2M75W7D	24E	20.85
25	5	1852.5	1912.5	0.1355	0.0045	ppm	4M57G7D	24E	21.32
25	5	1852.5	1912.5	0.1059	0.0034	ppm	4M57W7D	24E	20.25
25	10	1855	1910	0.1387	0.0029	ppm	9M07G7D	24E	21.42
25	10	1855	1910	0.1199	0.0024	ppm	9M08W7D	24E	20.79
25	15	1857.5	1907.5	0.1321	0.0030	ppm	13M6G7D	24E	21.21
25	15	1857.5	1907.5	0.1164	0.0029	ppm	13M6W7D	24E	20.66
25	20	1860	1905	0.1306	0.0016	ppm	18M2G7D	24E	21.16
25	20	1860	1905	0.1107	0.0020	ppm	18M2W7D	24E	20.44

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	0.1866	0.0059	ppm	1M13G7D	24E	22.01
25	1.4	1850.7	1914.3	0.1472	0.0048	ppm	1M12W7D	24E	20.98
25	3	1851.5	1913.5	0.1901	0.0056	ppm	2M74G7D	24E	22.09
25	3	1851.5	1913.5	0.1625	0.0073	ppm	2M75W7D	24E	21.41
25	5	1852.5	1912.5	0.1811	0.0045	ppm	4M57G7D	24E	21.88
25	5	1852.5	1912.5	0.1415	0.0034	ppm	4M57W7D	24E	20.81
25	10	1855	1910	0.1853	0.0029	ppm	9M07G7D	24E	21.98
25	10	1855	1910	0.1603	0.0024	ppm	9M08W7D	24E	21.35
25	15	1857.5	1907.5	0.1766	0.0030	ppm	13M6G7D	24E	21.77
25	15	1857.5	1907.5	0.1555	0.0029	ppm	13M6W7D	24E	21.22
25	20	1860	1905	0.1745	0.0016	ppm	18M2G7D	24E	21.72
25	20	1860	1905	0.1479	0.0020	ppm	18M2W7D	24E	21.00