1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / 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	23.14	2.15	25.29	<=33.00	Pass
			2	23.14	2.15	25.29	<=33.00	Pass
			5	23.09	2.15	25.24	<=33.00	Pass
		3	0	23.16	2.15	25.31	<=33.00	Pass
			2	23.20	2.15	25.35	<=33.00	Pass
			3	23.15	2.15	25.30	<=33.00	Pass
		6	0	21.89	2.15	24.04	<=33.00	Pass
	1880	1	0	23.14	2.15	25.29	<=33.00	Pass
			2	23.02	2.15	25.17	<=33.00	Pass
			5	23.06	2.15	25.21	<=33.00	Pass
		3	0	23.08	2.15	25.23	<=33.00	Pass
			2	23.09	2.15	25.24	<=33.00	Pass
			3	23.04	2.15	25.19	<=33.00	Pass
		6	0	22.00	2.15	24.15	<=33.00	Pass
	1909.3	1	0	23.35	2.15	25.50	<=33.00	Pass
			2	23.43	2.15	25.58	<=33.00	Pass
			5	23.22	2.15	25.37	<=33.00	Pass
		3	0	23.61	2.15	25.76	<=33.00	Pass
			2	23.37	2.15	25.52	<=33.00	Pass
			3	23.36	2.15	25.51	<=33.00	Pass
		6	0	22.50	2.15	24.65	<=33.00	Pass
16QAM	1850.7	1	0	21.81	2.15	23.96	<=33.00	Pass
			2	22.14	2.15	24.29	<=33.00	Pass
			5	21.96	2.15	24.11	<=33.00	Pass
		3	0	22.00	2.15	24.15	<=33.00	Pass
			2	22.04	2.15	24.19	<=33.00	Pass
			3	22.19	2.15	24.34	<=33.00	Pass
		6	0	21.09	2.15	23.24	<=33.00	Pass
	1880	1	0	21.54	2.15	23.69	<=33.00	Pass
			2	22.04	2.15	24.19	<=33.00	Pass
			5	22.19	2.15	24.34	<=33.00	Pass
		3	0	21.91	2.15	24.06	<=33.00	Pass
			2	22.16	2.15	24.31	<=33.00	Pass
			3	22.15	2.15	24.30	<=33.00	Pass
		6	0	20.93	2.15	23.08	<=33.00	Pass
	1909.3	1	0	22.75	2.15	24.90	<=33.00	Pass
			2	22.80	2.15	24.95	<=33.00	Pass
			5	22.79	2.15	24.94	<=33.00	Pass
		3	0	22.81	2.15	24.96	<=33.00	Pass
			2	22.50	2.15	24.65	<=33.00	Pass
			3	22.40	2.15	24.55	<=33.00	Pass
		6	0	21.57	2.15	23.72	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B2_3MHz_EIRP

Band: 2 / 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	23.13	2.15	25.28	<=33.00	Pass
			7	23.32	2.15	25.47	<=33.00	Pass
			14	23.32	2.15	25.47	<=33.00	Pass
		8	0	22.01	2.15	24.16	<=33.00	Pass
			4	21.87	2.15	24.02	<=33.00	Pass
			7	21.85	2.15	24.00	<=33.00	Pass
		15	0	21.82	2.15	23.97	<=33.00	Pass
	1880	1	0	22.89	2.15	25.04	<=33.00	Pass
			7	23.05	2.15	25.20	<=33.00	Pass
			14	23.14	2.15	25.29	<=33.00	Pass
		8	0	21.99	2.15	24.14	<=33.00	Pass
			4	22.03	2.15	24.18	<=33.00	Pass
			7	22.10	2.15	24.25	<=33.00	Pass
		15	0	21.99	2.15	24.14	<=33.00	Pass
	1908.5	1	0	23.46	2.15	25.61	<=33.00	Pass
			7	23.46	2.15	25.61	<=33.00	Pass
			14	23.31	2.15	25.46	<=33.00	Pass
		8	0	22.47	2.15	24.62	<=33.00	Pass
			4	22.36	2.15	24.51	<=33.00	Pass
			7	22.34	2.15	24.49	<=33.00	Pass
		15	0	22.56	2.15	24.71	<=33.00	Pass
16QAM	1851.5	1	0	21.51	2.15	23.66	<=33.00	Pass
			7	22.81	2.15	24.96	<=33.00	Pass
			14	22.57	2.15	24.72	<=33.00	Pass
		8	0	21.19	2.15	23.34	<=33.00	Pass
			4	20.77	2.15	22.92	<=33.00	Pass
			7	20.76	2.15	22.91	<=33.00	Pass
		15	0	20.72	2.15	22.87	<=33.00	Pass
	1880	1	0	21.61	2.15	23.76	<=33.00	Pass
			7	22.09	2.15	24.24	<=33.00	Pass
			14	22.06	2.15	24.21	<=33.00	Pass
		8	0	20.98	2.15	23.13	<=33.00	Pass
			4	21.13	2.15	23.28	<=33.00	Pass
			7	21.18	2.15	23.33	<=33.00	Pass
		15	0	21.26	2.15	23.41	<=33.00	Pass
	1908.5	1	0	22.74	2.15	24.89	<=33.00	Pass
			7	22.85	2.15	25.00	<=33.00	Pass
			14	22.57	2.15	24.72	<=33.00	Pass
		8	0	22.02	2.15	24.17	<=33.00	Pass
			4	21.61	2.15	23.76	<=33.00	Pass
			7	21.76	2.15	23.91	<=33.00	Pass
		15	0	21.57	2.15	23.72	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B2_5MHz_EIRP

Band: 2 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.99	2.15	25.14	<=33.00	Pass
			13	22.88	2.15	25.03	<=33.00	Pass
			24	22.80	2.15	24.95	<=33.00	Pass
		12	0	21.77	2.15	23.92	<=33.00	Pass
			6	21.77	2.15	23.92	<=33.00	Pass
			13	21.86	2.15	24.01	<=33.00	Pass
		25	0	21.82	2.15	23.97	<=33.00	Pass
	1880	1	0	22.86	2.15	25.01	<=33.00	Pass
			13	22.95	2.15	25.10	<=33.00	Pass
			24	22.88	2.15	25.03	<=33.00	Pass
		12	0	21.95	2.15	24.10	<=33.00	Pass
			6	21.98	2.15	24.13	<=33.00	Pass
			13	22.00	2.15	24.15	<=33.00	Pass
		25	0	21.94	2.15	24.09	<=33.00	Pass
	1907.5	1	0	23.38	2.15	25.53	<=33.00	Pass
			13	23.49	2.15	25.64	<=33.00	Pass
			24	23.40	2.15	25.55	<=33.00	Pass
		12	0	22.43	2.15	24.58	<=33.00	Pass
			6	22.42	2.15	24.57	<=33.00	Pass
			13	22.36	2.15	24.51	<=33.00	Pass
		25	0	22.52	2.15	24.67	<=33.00	Pass
16QAM	1852.5	1	0	21.11	2.15	23.26	<=33.00	Pass
			13	21.25	2.15	23.40	<=33.00	Pass
			24	21.27	2.15	23.42	<=33.00	Pass
		12	0	20.85	2.15	23.00	<=33.00	Pass
			6	20.75	2.15	22.90	<=33.00	Pass
			13	20.95	2.15	23.10	<=33.00	Pass
		25	0	20.93	2.15	23.08	<=33.00	Pass
	1880	1	0	21.70	2.15	23.85	<=33.00	Pass
			13	22.34	2.15	24.49	<=33.00	Pass
			24	22.46	2.15	24.61	<=33.00	Pass
		12	0	20.83	2.15	22.98	<=33.00	Pass
			6	20.97	2.15	23.12	<=33.00	Pass
			13	20.91	2.15	23.06	<=33.00	Pass
		25	0	20.98	2.15	23.13	<=33.00	Pass
	1907.5	1	0	22.12	2.15	24.27	<=33.00	Pass
			13	22.39	2.15	24.54	<=33.00	Pass
			24	21.94	2.15	24.09	<=33.00	Pass
		12	0	21.51	2.15	23.66	<=33.00	Pass
			6	21.41	2.15	23.56	<=33.00	Pass
			13	21.49	2.15	23.64	<=33.00	Pass
		25	0	21.56	2.15	23.71	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	22.92	2.15	25.07	<=33.00	Pass
			25	22.97	2.15	25.12	<=33.00	Pass
			49	22.76	2.15	24.91	<=33.00	Pass
		25	0	21.85	2.15	24.00	<=33.00	Pass
			13	21.94	2.15	24.09	<=33.00	Pass
			25	21.74	2.15	23.89	<=33.00	Pass
		50	0	21.81	2.15	23.96	<=33.00	Pass
	1880	1	0	23.05	2.15	25.20	<=33.00	Pass
			25	23.52	2.15	25.67	<=33.00	Pass
			49	23.23	2.15	25.38	<=33.00	Pass
		25	0	21.97	2.15	24.12	<=33.00	Pass
			13	22.08	2.15	24.23	<=33.00	Pass
			25	22.12	2.15	24.27	<=33.00	Pass
		50	0	22.02	2.15	24.17	<=33.00	Pass
	1905	1	0	23.60	2.15	25.75	<=33.00	Pass
			25	23.81	2.15	25.96	<=33.00	Pass
			49	23.40	2.15	25.55	<=33.00	Pass
		25	0	22.33	2.15	24.48	<=33.00	Pass
			13	22.48	2.15	24.63	<=33.00	Pass
			25	22.37	2.15	24.52	<=33.00	Pass
		50	0	22.40	2.15	24.55	<=33.00	Pass
16QAM	1855	1	0	22.28	2.15	24.43	<=33.00	Pass
			25	22.55	2.15	24.70	<=33.00	Pass
			49	21.87	2.15	24.02	<=33.00	Pass
		25	0	21.05	2.15	23.20	<=33.00	Pass
			13	20.88	2.15	23.03	<=33.00	Pass
			25	20.86	2.15	23.01	<=33.00	Pass
		50	0	20.98	2.15	23.13	<=33.00	Pass
	1880	1	0	22.43	2.15	24.58	<=33.00	Pass
			25	22.43	2.15	24.58	<=33.00	Pass
			49	22.77	2.15	24.92	<=33.00	Pass
		25	0	21.04	2.15	23.19	<=33.00	Pass
			13	21.26	2.15	23.41	<=33.00	Pass
			25	21.26	2.15	23.41	<=33.00	Pass
		50	0	21.08	2.15	23.23	<=33.00	Pass
	1905	1	0	22.01	2.15	24.16	<=33.00	Pass
			25	23.11	2.15	25.26	<=33.00	Pass
			49	22.01	2.15	24.16	<=33.00	Pass
		25	0	21.66	2.15	23.81	<=33.00	Pass
			13	21.74	2.15	23.89	<=33.00	Pass
			25	21.59	2.15	23.74	<=33.00	Pass
		50	0	21.46	2.15	23.61	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B2_15MHz_EIRP

Band: 2 / 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	22.77	2.15	24.92	<=33.00	Pass
			38	22.62	2.15	24.77	<=33.00	Pass
			74	22.73	2.15	24.88	<=33.00	Pass
		36	0	21.78	2.15	23.93	<=33.00	Pass
			18	21.65	2.15	23.80	<=33.00	Pass
			39	21.55	2.15	23.70	<=33.00	Pass
		75	0	21.72	2.15	23.87	<=33.00	Pass
	1880	1	0	22.80	2.15	24.95	<=33.00	Pass
			38	23.09	2.15	25.24	<=33.00	Pass
			74	23.04	2.15	25.19	<=33.00	Pass
		36	0	21.89	2.15	24.04	<=33.00	Pass
			18	22.05	2.15	24.20	<=33.00	Pass
			39	22.05	2.15	24.20	<=33.00	Pass
		75	0	21.95	2.15	24.10	<=33.00	Pass
	1902.5	1	0	23.18	2.15	25.33	<=33.00	Pass
			38	23.46	2.15	25.61	<=33.00	Pass
			74	23.15	2.15	25.30	<=33.00	Pass
		36	0	22.38	2.15	24.53	<=33.00	Pass
			18	22.46	2.15	24.61	<=33.00	Pass
			39	22.52	2.15	24.67	<=33.00	Pass
		75	0	22.34	2.15	24.49	<=33.00	Pass
16QAM	1857.5	1	0	22.22	2.15	24.37	<=33.00	Pass
			38	22.02	2.15	24.17	<=33.00	Pass
			74	21.93	2.15	24.08	<=33.00	Pass
		36	0	20.88	2.15	23.03	<=33.00	Pass
			18	20.64	2.15	22.79	<=33.00	Pass
			39	20.53	2.15	22.68	<=33.00	Pass
		75	0	20.72	2.15	22.87	<=33.00	Pass
	1880	1	0	22.29	2.15	24.44	<=33.00	Pass
			38	22.49	2.15	24.64	<=33.00	Pass
			74	22.57	2.15	24.72	<=33.00	Pass
		36	0	20.94	2.15	23.09	<=33.00	Pass
			18	21.19	2.15	23.34	<=33.00	Pass
			39	21.30	2.15	23.45	<=33.00	Pass
		75	0	21.04	2.15	23.19	<=33.00	Pass
	1902.5	1	0	22.40	2.15	24.55	<=33.00	Pass
			38	22.52	2.15	24.67	<=33.00	Pass
			74	21.96	2.15	24.11	<=33.00	Pass
		36	0	21.31	2.15	23.46	<=33.00	Pass
			18	21.45	2.15	23.60	<=33.00	Pass
			39	21.41	2.15	23.56	<=33.00	Pass
		75	0	21.40	2.15	23.55	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.65	2.15	24.80	<=33.00	Pass
			50	22.81	2.15	24.96	<=33.00	Pass
			99	22.66	2.15	24.81	<=33.00	Pass
		50	0	21.78	2.15	23.93	<=33.00	Pass
			25	21.67	2.15	23.82	<=33.00	Pass
			50	21.83	2.15	23.98	<=33.00	Pass
		100	0	21.77	2.15	23.92	<=33.00	Pass
	1880	1	0	23.00	2.15	25.15	<=33.00	Pass
			50	23.34	2.15	25.49	<=33.00	Pass
			99	23.24	2.15	25.39	<=33.00	Pass
		50	0	21.87	2.15	24.02	<=33.00	Pass
			25	22.05	2.15	24.20	<=33.00	Pass
			50	21.99	2.15	24.14	<=33.00	Pass
		100	0	21.97	2.15	24.12	<=33.00	Pass
	1900	1	0	23.19	2.15	25.34	<=33.00	Pass
			50	23.19	2.15	25.34	<=33.00	Pass
			99	23.24	2.15	25.39	<=33.00	Pass
		50	0	22.25	2.15	24.40	<=33.00	Pass
			25	22.33	2.15	24.48	<=33.00	Pass
			50	22.51	2.15	24.66	<=33.00	Pass
		100	0	22.34	2.15	24.49	<=33.00	Pass
16QAM	1860	1	0	21.95	2.15	24.10	<=33.00	Pass
			50	22.35	2.15	24.50	<=33.00	Pass
			99	22.17	2.15	24.32	<=33.00	Pass
		50	0	20.84	2.15	22.99	<=33.00	Pass
			25	20.74	2.15	22.89	<=33.00	Pass
			50	20.99	2.15	23.14	<=33.00	Pass
		100	0	20.87	2.15	23.02	<=33.00	Pass
	1880	1	0	21.79	2.15	23.94	<=33.00	Pass
			50	21.98	2.15	24.13	<=33.00	Pass
			99	22.19	2.15	24.34	<=33.00	Pass
		50	0	20.94	2.15	23.09	<=33.00	Pass
			25	21.21	2.15	23.36	<=33.00	Pass
			50	21.07	2.15	23.22	<=33.00	Pass
		100	0	20.98	2.15	23.13	<=33.00	Pass
	1900	1	0	23.00	2.15	25.15	<=33.00	Pass
			50	23.24	2.15	25.39	<=33.00	Pass
			99	23.07	2.15	25.22	<=33.00	Pass
		50	0	21.33	2.15	23.48	<=33.00	Pass
			25	21.40	2.15	23.55	<=33.00	Pass
			50	21.52	2.15	23.67	<=33.00	Pass
		100	0	21.44	2.15	23.59	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / 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	3.4	-2.323	-0.0013	/	Pass
					3.8	-2.114	-0.0011	/	Pass
					4.2	-1.171	-0.0006	/	Pass
				-30	3.8	-1.376	-0.0007	/	Pass
				-20	3.8	-2.098	-0.0011	/	Pass
				-10	3.8	-1.598	-0.0009	/	Pass
				0	3.8	-2.496	-0.0013	/	Pass
				10	3.8	-1.435	-0.0008	/	Pass
				30	3.8	-3.722	-0.0020	/	Pass
				40	3.8	-1.788	-0.0010	/	Pass
				50	3.8	-1.685	-0.0009	/	Pass
	1880	6	0	20	3.4	-4.719	-0.0025	/	Pass
					3.8	-2.969	-0.0016	/	Pass
					4.2	-5.684	-0.0030	/	Pass
				-30	3.8	-5.231	-0.0028	/	Pass
				-20	3.8	-4.358	-0.0023	/	Pass
				-10	3.8	-2.538	-0.0013	/	Pass
				0	3.8	-4.100	-0.0022	/	Pass
				10	3.8	-2.963	-0.0016	/	Pass
				30	3.8	-5.176	-0.0028	/	Pass
				40	3.8	-3.300	-0.0018	/	Pass
				50	3.8	-2.716	-0.0014	/	Pass
	1909.3	6	0	20	3.4	-0.332	-0.0002	/	Pass
					3.8	-0.375	-0.0002	/	Pass
					4.2	-0.654	-0.0003	/	Pass
				-30	3.8	-0.416	-0.0002	/	Pass
				-20	3.8	-0.105	-0.0001	/	Pass
				-10	3.8	0.709	0.0004	/	Pass
				0	3.8	0.292	0.0002	/	Pass
				10	3.8	-0.397	-0.0002	/	Pass
				30	3.8	-1.020	-0.0005	/	Pass
				40	3.8	-0.966	-0.0005	/	Pass
				50	3.8	-1.967	-0.0010	/	Pass
16QAM	1850.7	6	0	20	3.4	-1.198	-0.0006	/	Pass
					3.8	-0.718	-0.0004	/	Pass
					4.2	-1.089	-0.0006	/	Pass
				-30	3.8	-2.060	-0.0011	/	Pass
				-20	3.8	-1.155	-0.0006	/	Pass
				-10	3.8	-1.873	-0.0010	/	Pass
				0	3.8	-1.009	-0.0005	/	Pass
				10	3.8	-2.138	-0.0012	/	Pass
				30	3.8	-1.890	-0.0010	/	Pass
				40	3.8	-0.173	-0.0001	/	Pass
				50	3.8	-0.390	-0.0002	/	Pass
	1880	6	0	20	3.4	-3.619	-0.0019	/	Pass
					3.8	-3.194	-0.0017	/	Pass
					4.2	-2.952	-0.0016	/	Pass
				-30	3.8	-2.762	-0.0015	/	Pass

				-20	3.8	-3.374	-0.0018	/	Pass
				-10	3.8	-3.409	-0.0018	/	Pass
				0	3.8	-2.960	-0.0016	/	Pass
				10	3.8	-2.060	-0.0011	/	Pass
				30	3.8	-3.454	-0.0018	/	Pass
				40	3.8	-4.512	-0.0024	/	Pass
				50	3.8	-2.300	-0.0012	/	Pass
	1909.3	6	0	20	3.4	0.495	0.0003	/	Pass
					3.8	0.803	0.0004	/	Pass
					4.2	0.738	0.0004	/	Pass
				-30	3.8	-0.459	-0.0002	/	Pass
				-20	3.8	0.092	0.0000	/	Pass
				-10	3.8	-1.386	-0.0007	/	Pass
				0	3.8	-0.461	-0.0002	/	Pass
				10	3.8	-0.390	-0.0002	/	Pass
				30	3.8	0.034	0.0000	/	Pass
				40	3.8	1.236	0.0006	/	Pass
				50	3.8	0.680	0.0004	/	Pass

2.1.2 B2_3MHz

Band: 2 / 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	3.4	-1.759	-0.0010	/	Pass
					3.8	-2.726	-0.0015	/	Pass
					4.2	-0.371	-0.0002	/	Pass
				-30	3.8	-2.716	-0.0015	/	Pass
				-20	3.8	-0.942	-0.0005	/	Pass
				-10	3.8	-3.186	-0.0017	/	Pass
				0	3.8	-1.676	-0.0009	/	Pass
				10	3.8	-2.110	-0.0011	/	Pass
				30	3.8	-2.961	-0.0016	/	Pass
				40	3.8	-3.620	-0.0020	/	Pass
				50	3.8	-0.610	-0.0003	/	Pass
	1880	15	0	20	3.4	-3.338	-0.0018	/	Pass
					3.8	-1.834	-0.0010	/	Pass
					4.2	-3.153	-0.0017	/	Pass
				-30	3.8	-2.624	-0.0014	/	Pass
				-20	3.8	-4.018	-0.0021	/	Pass
				-10	3.8	-2.996	-0.0016	/	Pass
				0	3.8	-5.071	-0.0027	/	Pass
				10	3.8	-3.958	-0.0021	/	Pass
				30	3.8	-2.079	-0.0011	/	Pass
				40	3.8	-3.184	-0.0017	/	Pass
				50	3.8	-3.546	-0.0019	/	Pass
	1908.5	15	0	20	3.4	-0.009	0.0000	/	Pass
					3.8	-1.717	-0.0009	/	Pass
					4.2	0.528	0.0003	/	Pass
				-30	3.8	-0.769	-0.0004	/	Pass
				-20	3.8	-0.326	-0.0002	/	Pass
				-10	3.8	0.251	0.0001	/	Pass
				0	3.8	0.852	0.0004	/	Pass
				10	3.8	-0.163	-0.0001	/	Pass
				30	3.8	1.244	0.0007	/	Pass
				40	3.8	0.946	0.0005	/	Pass
				50	3.8	0.605	0.0003	/	Pass
16QAM	1851.5	15	0	20	3.4	-3.938	-0.0021	/	Pass
					3.8	-2.526	-0.0014	/	Pass

					4.2	-2.285	-0.0012	/	Pass
				-30	3.8	-2.471	-0.0013	/	Pass
				-20	3.8	-1.058	-0.0006	/	Pass
				-10	3.8	-3.562	-0.0019	/	Pass
				0	3.8	-2.179	-0.0012	/	Pass
				10	3.8	-2.935	-0.0016	/	Pass
				30	3.8	-3.268	-0.0018	/	Pass
				40	3.8	-2.989	-0.0016	/	Pass
				50	3.8	-2.631	-0.0014	/	Pass
	1880	15	0	20	3.4	-3.918	-0.0021	/	Pass
					3.8	-4.239	-0.0023	/	Pass
					4.2	-4.117	-0.0022	/	Pass
				-30	3.8	-2.642	-0.0014	/	Pass
				-20	3.8	-2.576	-0.0014	/	Pass
				-10	3.8	-2.524	-0.0013	/	Pass
				0	3.8	-3.454	-0.0018	/	Pass
				10	3.8	-3.803	-0.0020	/	Pass
				30	3.8	-2.579	-0.0014	/	Pass
				40	3.8	-3.843	-0.0020	/	Pass
				50	3.8	-2.936	-0.0016	/	Pass
	1908.5	15	0	20	3.4	0.062	0.0000	/	Pass
					3.8	0.927	0.0005	/	Pass
					4.2	-0.027	0.0000	/	Pass
				-30	3.8	1.289	0.0007	/	Pass
				-20	3.8	-0.440	-0.0002	/	Pass
				-10	3.8	1.730	0.0009	/	Pass
				0	3.8	0.861	0.0005	/	Pass
				10	3.8	0.410	0.0002	/	Pass
				30	3.8	1.064	0.0006	/	Pass
				40	3.8	0.052	0.0000	/	Pass
				50	3.8	0.209	0.0001	/	Pass

2.1.3 B2_5MHz

Band: 2 / 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	3.4	-2.042	-0.0011	/	Pass
					3.8	-2.196	-0.0012	/	Pass
					4.2	-2.059	-0.0011	/	Pass
				-30	3.8	-2.036	-0.0011	/	Pass
				-20	3.8	-2.068	-0.0011	/	Pass
				-10	3.8	-0.327	-0.0002	/	Pass
				0	3.8	-0.065	0.0000	/	Pass
				10	3.8	-2.762	-0.0015	/	Pass
				30	3.8	-1.724	-0.0009	/	Pass
				40	3.8	-2.409	-0.0013	/	Pass
				50	3.8	-2.358	-0.0013	/	Pass
	1880	25	0	20	3.4	-4.478	-0.0024	/	Pass
					3.8	-4.078	-0.0022	/	Pass
					4.2	-2.935	-0.0016	/	Pass
				-30	3.8	-3.935	-0.0021	/	Pass
				-20	3.8	-2.197	-0.0012	/	Pass
				-10	3.8	-3.794	-0.0020	/	Pass
				0	3.8	-4.009	-0.0021	/	Pass
				10	3.8	-4.341	-0.0023	/	Pass
				30	3.8	-2.862	-0.0015	/	Pass
				40	3.8	-3.624	-0.0019	/	Pass
				50	3.8	-3.309	-0.0018	/	Pass

	1907.5	25	0	20	3.4	0.362	0.0002	/	Pass
					3.8	1.560	0.0008	/	Pass
					4.2	1.100	0.0006	/	Pass
				-30	3.8	-0.044	0.0000	/	Pass
				-20	3.8	0.738	0.0004	/	Pass
				-10	3.8	-1.323	-0.0007	/	Pass
				0	3.8	-0.105	-0.0001	/	Pass
				10	3.8	-0.439	-0.0002	/	Pass
				30	3.8	-0.759	-0.0004	/	Pass
				40	3.8	1.311	0.0007	/	Pass
				50	3.8	-0.507	-0.0003	/	Pass
16QAM	1852.5	25	0	20	3.4	-0.898	-0.0005	/	Pass
					3.8	-3.070	-0.0017	/	Pass
					4.2	-1.449	-0.0008	/	Pass
				-30	3.8	-2.079	-0.0011	/	Pass
				-20	3.8	-0.668	-0.0004	/	Pass
				-10	3.8	-2.487	-0.0013	/	Pass
				0	3.8	-1.238	-0.0007	/	Pass
				10	3.8	-2.411	-0.0013	/	Pass
				30	3.8	-1.660	-0.0009	/	Pass
				40	3.8	-2.848	-0.0015	/	Pass
				50	3.8	-1.270	-0.0007	/	Pass
	1880	25	0	20	3.4	-2.742	-0.0015	/	Pass
					3.8	-3.999	-0.0021	/	Pass
					4.2	-3.790	-0.0020	/	Pass
				-30	3.8	-2.448	-0.0013	/	Pass
				-20	3.8	-1.704	-0.0009	/	Pass
				-10	3.8	-3.555	-0.0019	/	Pass
				0	3.8	-3.322	-0.0018	/	Pass
				10	3.8	-2.990	-0.0016	/	Pass
				30	3.8	-4.199	-0.0022	/	Pass
				40	3.8	-4.944	-0.0026	/	Pass
				50	3.8	-4.142	-0.0022	/	Pass
	1907.5	25	0	20	3.4	0.461	0.0002	/	Pass
					3.8	-0.317	-0.0002	/	Pass
					4.2	-0.716	-0.0004	/	Pass
				-30	3.8	-0.477	-0.0003	/	Pass
				-20	3.8	0.456	0.0002	/	Pass
				-10	3.8	-0.262	-0.0001	/	Pass
				0	3.8	-1.570	-0.0008	/	Pass
				10	3.8	0.056	0.0000	/	Pass
				30	3.8	-0.256	-0.0001	/	Pass
				40	3.8	-0.334	-0.0002	/	Pass
				50	3.8	0.337	0.0002	/	Pass

2.1.4 B2_10MHz

Band: 2 / 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	3.4	-1.549	-0.0008	/	Pass
					3.8	-1.764	-0.0010	/	Pass
					4.2	-2.608	-0.0014	/	Pass
				-30	3.8	-1.154	-0.0006	/	Pass
				-20	3.8	-2.570	-0.0014	/	Pass
				-10	3.8	-3.172	-0.0017	/	Pass
				0	3.8	-2.815	-0.0015	/	Pass
				10	3.8	-3.116	-0.0017	/	Pass
				30	3.8	-3.163	-0.0017	/	Pass

				40	3.8	-3.433	-0.0019	/	Pass
				50	3.8	-2.308	-0.0012	/	Pass
	1880	50	0	20	3.4	-2.764	-0.0015	/	Pass
					3.8	-2.069	-0.0011	/	Pass
					4.2	-2.415	-0.0013	/	Pass
				-30	3.8	-3.624	-0.0019	/	Pass
				-20	3.8	-3.976	-0.0021	/	Pass
				-10	3.8	-3.917	-0.0021	/	Pass
				0	3.8	-3.775	-0.0020	/	Pass
				10	3.8	-3.272	-0.0017	/	Pass
				30	3.8	-2.797	-0.0015	/	Pass
				40	3.8	-2.859	-0.0015	/	Pass
				50	3.8	-2.653	-0.0014	/	Pass
	1905	50	0	20	3.4	-0.188	-0.0001	/	Pass
					3.8	0.710	0.0004	/	Pass
					4.2	0.320	0.0002	/	Pass
				-30	3.8	-0.138	-0.0001	/	Pass
				-20	3.8	0.247	0.0001	/	Pass
				-10	3.8	-0.019	0.0000	/	Pass
				0	3.8	0.446	0.0002	/	Pass
				10	3.8	-0.526	-0.0003	/	Pass
				30	3.8	2.645	0.0014	/	Pass
				40	3.8	2.016	0.0011	/	Pass
				50	3.8	1.552	0.0008	/	Pass
16QAM	1855	50	0	20	3.4	-1.765	-0.0010	/	Pass
					3.8	-1.721	-0.0009	/	Pass
					4.2	-2.291	-0.0012	/	Pass
				-30	3.8	-2.669	-0.0014	/	Pass
				-20	3.8	-1.053	-0.0006	/	Pass
				-10	3.8	-2.062	-0.0011	/	Pass
				0	3.8	-2.496	-0.0013	/	Pass
				10	3.8	-1.254	-0.0007	/	Pass
				30	3.8	-2.466	-0.0013	/	Pass
				40	3.8	-3.635	-0.0020	/	Pass
				50	3.8	-3.553	-0.0019	/	Pass
	1880	50	0	20	3.4	-1.896	-0.0010	/	Pass
					3.8	-2.634	-0.0014	/	Pass
					4.2	-2.936	-0.0016	/	Pass
				-30	3.8	-3.496	-0.0019	/	Pass
				-20	3.8	-3.612	-0.0019	/	Pass
				-10	3.8	-2.136	-0.0011	/	Pass
				0	3.8	-3.438	-0.0018	/	Pass
				10	3.8	-2.390	-0.0013	/	Pass
				30	3.8	-4.051	-0.0022	/	Pass
				40	3.8	-2.945	-0.0016	/	Pass
				50	3.8	-1.964	-0.0010	/	Pass
	1905	50	0	20	3.4	0.935	0.0005	/	Pass
					3.8	1.162	0.0006	/	Pass
					4.2	-0.459	-0.0002	/	Pass
				-30	3.8	0.582	0.0003	/	Pass
				-20	3.8	-0.344	-0.0002	/	Pass
				-10	3.8	1.269	0.0007	/	Pass
				0	3.8	1.718	0.0009	/	Pass
				10	3.8	-0.019	0.0000	/	Pass
				30	3.8	0.558	0.0003	/	Pass
				40	3.8	-0.657	-0.0003	/	Pass
				50	3.8	1.318	0.0007	/	Pass

2.1.5 B2_15MHz

Band: 2 / 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	3.4	-2.149	-0.0012	/	Pass
					3.8	-4.555	-0.0025	/	Pass
					4.2	-3.895	-0.0021	/	Pass
				-30	3.8	-4.026	-0.0022	/	Pass
				-20	3.8	-2.130	-0.0011	/	Pass
				-10	3.8	-4.320	-0.0023	/	Pass
				0	3.8	-3.102	-0.0017	/	Pass
				10	3.8	-4.007	-0.0022	/	Pass
				30	3.8	-3.430	-0.0018	/	Pass
				40	3.8	-2.876	-0.0015	/	Pass
				50	3.8	-2.759	-0.0015	/	Pass
	1880	75	0	20	3.4	-2.708	-0.0014	/	Pass
					3.8	-3.921	-0.0021	/	Pass
					4.2	-3.477	-0.0018	/	Pass
				-30	3.8	-4.398	-0.0023	/	Pass
				-20	3.8	-2.346	-0.0012	/	Pass
				-10	3.8	-4.426	-0.0024	/	Pass
				0	3.8	-3.698	-0.0020	/	Pass
				10	3.8	-3.249	-0.0017	/	Pass
				30	3.8	-5.044	-0.0027	/	Pass
				40	3.8	-4.332	-0.0023	/	Pass
				50	3.8	-3.367	-0.0018	/	Pass
	1902.5	75	0	20	3.4	-4.214	-0.0022	/	Pass
					3.8	-4.442	-0.0023	/	Pass
					4.2	-5.199	-0.0027	/	Pass
				-30	3.8	-3.974	-0.0021	/	Pass
				-20	3.8	-3.400	-0.0018	/	Pass
				-10	3.8	-3.817	-0.0020	/	Pass
				0	3.8	-3.932	-0.0021	/	Pass
				10	3.8	-5.077	-0.0027	/	Pass
				30	3.8	-2.559	-0.0013	/	Pass
				40	3.8	-3.937	-0.0021	/	Pass
				50	3.8	-2.778	-0.0015	/	Pass
16QAM	1857.5	75	0	20	3.4	-2.153	-0.0012	/	Pass
					3.8	-3.547	-0.0019	/	Pass
					4.2	-3.134	-0.0017	/	Pass
				-30	3.8	-4.329	-0.0023	/	Pass
				-20	3.8	-3.617	-0.0019	/	Pass
				-10	3.8	-4.370	-0.0024	/	Pass
				0	3.8	-4.157	-0.0022	/	Pass
				10	3.8	-2.676	-0.0014	/	Pass
				30	3.8	-4.446	-0.0024	/	Pass
				40	3.8	-3.514	-0.0019	/	Pass
				50	3.8	-3.099	-0.0017	/	Pass
	1880	75	0	20	3.4	-3.019	-0.0016	/	Pass
					3.8	-2.375	-0.0013	/	Pass
					4.2	-2.945	-0.0016	/	Pass
				-30	3.8	-3.030	-0.0016	/	Pass
				-20	3.8	-5.265	-0.0028	/	Pass
				-10	3.8	-4.715	-0.0025	/	Pass
				0	3.8	-2.710	-0.0014	/	Pass
				10	3.8	-3.575	-0.0019	/	Pass
				30	3.8	-1.564	-0.0008	/	Pass
				40	3.8	-4.197	-0.0022	/	Pass
				50	3.8	-3.769	-0.0020	/	Pass
	1902.5	75	0	20	3.4	-3.753	-0.0020	/	Pass
					3.8	-3.576	-0.0019	/	Pass
					4.2	-4.019	-0.0021	/	Pass

				-30	3.8	-2.618	-0.0014	/	Pass
				-20	3.8	-4.140	-0.0022	/	Pass
				-10	3.8	-2.919	-0.0015	/	Pass
				0	3.8	-4.022	-0.0021	/	Pass
				10	3.8	-3.304	-0.0017	/	Pass
				30	3.8	-3.854	-0.0020	/	Pass
				40	3.8	-2.448	-0.0013	/	Pass
				50	3.8	-1.879	-0.0010	/	Pass

2.1.6 B2_20MHz

Band: 2 / 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	3.4	0.738	0.0004	/	Pass
					3.8	-0.427	-0.0002	/	Pass
					4.2	-0.220	-0.0001	/	Pass
				-30	3.8	0.597	0.0003	/	Pass
				-20	3.8	-0.344	-0.0002	/	Pass
				-10	3.8	1.406	0.0008	/	Pass
				0	3.8	0.127	0.0001	/	Pass
				10	3.8	0.251	0.0001	/	Pass
				30	3.8	1.988	0.0011	/	Pass
				40	3.8	1.033	0.0006	/	Pass
				50	3.8	1.739	0.0009	/	Pass
	1880	100	0	20	3.4	-2.837	-0.0015	/	Pass
					3.8	-2.621	-0.0014	/	Pass
					4.2	-1.690	-0.0009	/	Pass
				-30	3.8	-4.689	-0.0025	/	Pass
				-20	3.8	-4.957	-0.0026	/	Pass
				-10	3.8	-2.240	-0.0012	/	Pass
				0	3.8	-2.719	-0.0014	/	Pass
				10	3.8	-2.495	-0.0013	/	Pass
				30	3.8	-4.274	-0.0023	/	Pass
				40	3.8	-3.919	-0.0021	/	Pass
				50	3.8	-2.023	-0.0011	/	Pass
	1900	100	0	20	3.4	-2.420	-0.0013	/	Pass
					3.8	-1.405	-0.0007	/	Pass
					4.2	-3.802	-0.0020	/	Pass
				-30	3.8	-3.006	-0.0016	/	Pass
				-20	3.8	-4.510	-0.0024	/	Pass
				-10	3.8	-1.631	-0.0009	/	Pass
				0	3.8	-4.472	-0.0024	/	Pass
				10	3.8	-3.675	-0.0019	/	Pass
				30	3.8	-1.091	-0.0006	/	Pass
				40	3.8	-2.706	-0.0014	/	Pass
				50	3.8	-2.146	-0.0011	/	Pass
16QAM	1860	100	0	20	3.4	1.836	0.0010	/	Pass
					3.8	0.653	0.0004	/	Pass
					4.2	0.376	0.0002	/	Pass
				-30	3.8	-0.117	-0.0001	/	Pass
				-20	3.8	1.389	0.0007	/	Pass
				-10	3.8	1.117	0.0006	/	Pass
				0	3.8	0.180	0.0001	/	Pass
				10	3.8	-0.561	-0.0003	/	Pass
				30	3.8	-0.319	-0.0002	/	Pass
				40	3.8	0.983	0.0005	/	Pass
				50	3.8	1.519	0.0008	/	Pass
	1880	100	0	20	3.4	-4.351	-0.0023	/	Pass

					3.8	-4.868	-0.0026	/	Pass
					4.2	-2.179	-0.0012	/	Pass
				-30	3.8	-3.173	-0.0017	/	Pass
				-20	3.8	-3.939	-0.0021	/	Pass
				-10	3.8	-3.131	-0.0017	/	Pass
				0	3.8	-2.496	-0.0013	/	Pass
				10	3.8	-3.772	-0.0020	/	Pass
				30	3.8	-3.006	-0.0016	/	Pass
				40	3.8	-2.891	-0.0015	/	Pass
				50	3.8	-3.733	-0.0020	/	Pass
	1900	100	0	20	3.4	-3.255	-0.0017	/	Pass
					3.8	-1.355	-0.0007	/	Pass
					4.2	-3.087	-0.0016	/	Pass
				-30	3.8	-2.756	-0.0015	/	Pass
				-20	3.8	-3.956	-0.0021	/	Pass
				-10	3.8	-2.639	-0.0014	/	Pass
				0	3.8	-4.079	-0.0021	/	Pass
				10	3.8	-4.193	-0.0022	/	Pass
				30	3.8	-0.493	-0.0003	/	Pass
				40	3.8	-1.952	-0.0010	/	Pass
				50	3.8	-3.182	-0.0017	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band2_OBW

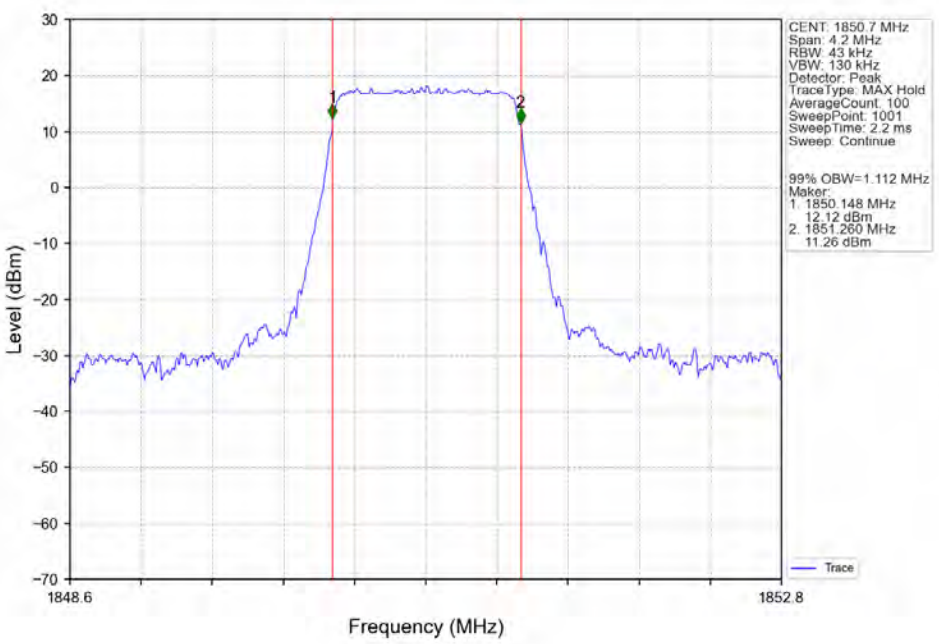
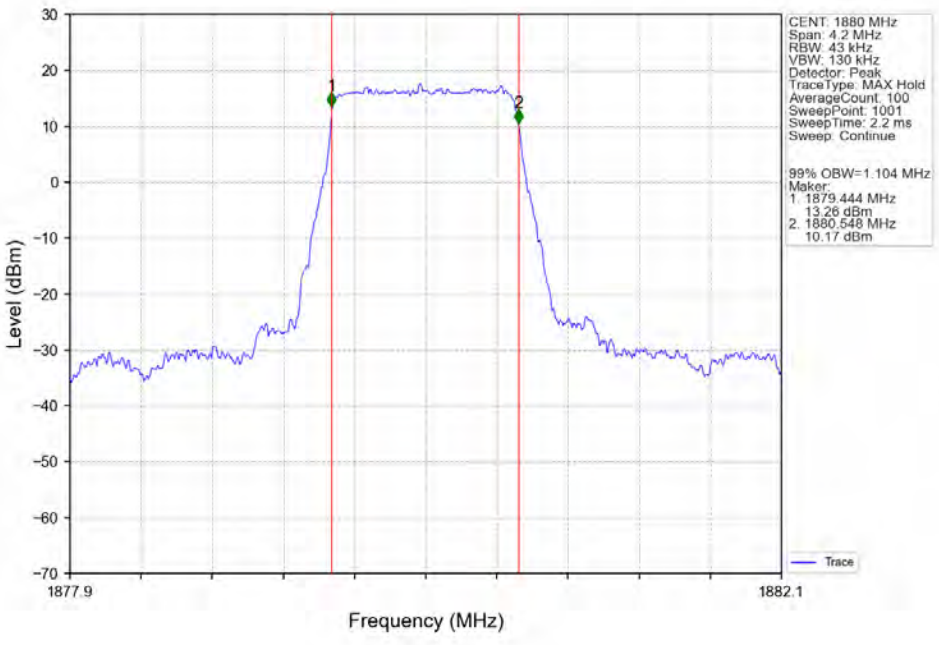
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.104	/	Pass
		1909.3	6	0	1.116	/	Pass
	16QAM	1850.7	6	0	1.108	/	Pass
		1880	6	0	1.114	/	Pass
		1909.3	6	0	1.115	/	Pass
3	QPSK	1851.5	15	0	2.741	/	Pass
		1880	15	0	2.741	/	Pass
		1908.5	15	0	2.745	/	Pass
	16QAM	1851.5	15	0	2.737	/	Pass
		1880	15	0	2.739	/	Pass
		1908.5	15	0	2.761	/	Pass
5	QPSK	1852.5	25	0	4.572	/	Pass
		1880	25	0	4.551	/	Pass
		1907.5	25	0	4.538	/	Pass
	16QAM	1852.5	25	0	4.541	/	Pass
		1880	25	0	4.554	/	Pass
		1907.5	25	0	4.545	/	Pass
10	QPSK	1855	50	0	9.044	/	Pass
		1880	50	0	8.996	/	Pass
		1905	50	0	9.012	/	Pass
	16QAM	1855	50	0	9.050	/	Pass
		1880	50	0	9.031	/	Pass
		1905	50	0	8.980	/	Pass
15	QPSK	1857.5	75	0	13.513	/	Pass
		1880	75	0	13.493	/	Pass
		1902.5	75	0	13.524	/	Pass
	16QAM	1857.5	75	0	13.545	/	Pass
		1880	75	0	13.523	/	Pass
		1902.5	75	0	13.575	/	Pass
20	QPSK	1860	100	0	18.030	/	Pass
		1880	100	0	18.046	/	Pass
		1900	100	0	18.109	/	Pass
	16QAM	1860	100	0	18.029	/	Pass
		1880	100	0	17.975	/	Pass
		1900	100	0	18.131	/	Pass

3.1.2 Band2_XDB

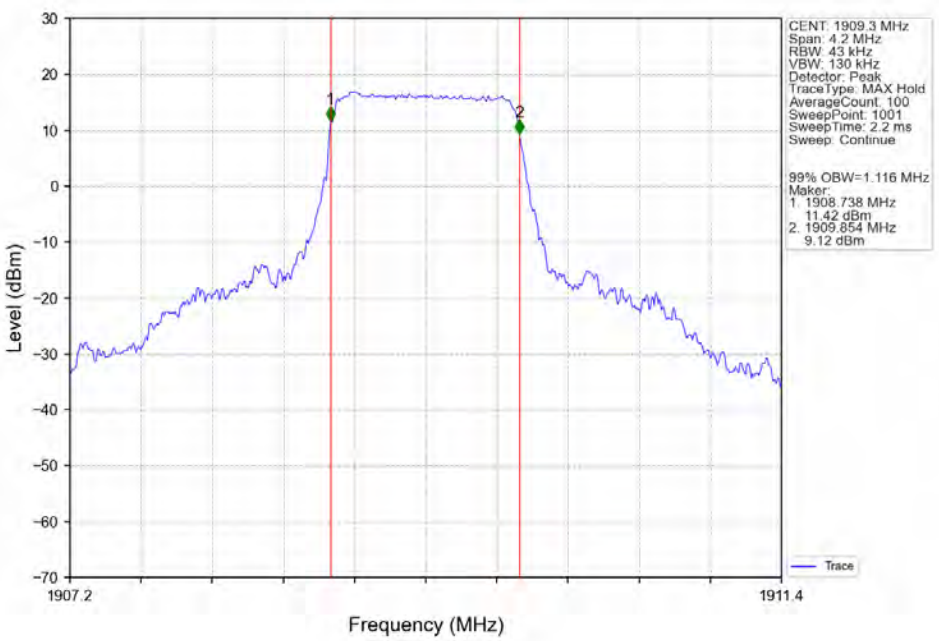
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.320	/	Pass
		1880	6	0	1.322	/	Pass
		1909.3	6	0	1.345	/	Pass
	16QAM	1850.7	6	0	1.316	/	Pass
		1880	6	0	1.323	/	Pass
		1909.3	6	0	1.316	/	Pass
3	QPSK	1851.5	15	0	3.051	/	Pass
		1880	15	0	3.053	/	Pass
		1908.5	15	0	3.055	/	Pass
	16QAM	1851.5	15	0	3.039	/	Pass
		1880	15	0	3.056	/	Pass
		1908.5	15	0	3.068	/	Pass
5	QPSK	1852.5	25	0	5.116	/	Pass
		1880	25	0	5.099	/	Pass
		1907.5	25	0	5.099	/	Pass
	16QAM	1852.5	25	0	5.085	/	Pass
		1880	25	0	5.111	/	Pass
		1907.5	25	0	5.107	/	Pass
10	QPSK	1855	50	0	10.131	/	Pass
		1880	50	0	9.952	/	Pass
		1905	50	0	9.960	/	Pass
	16QAM	1855	50	0	9.972	/	Pass
		1880	50	0	10.039	/	Pass
		1905	50	0	9.973	/	Pass
15	QPSK	1857.5	75	0	15.034	/	Pass
		1880	75	0	14.856	/	Pass
		1902.5	75	0	14.989	/	Pass
	16QAM	1857.5	75	0	14.896	/	Pass
		1880	75	0	14.940	/	Pass
		1902.5	75	0	14.854	/	Pass
20	QPSK	1860	100	0	19.682	/	Pass
		1880	100	0	19.703	/	Pass
		1900	100	0	19.875	/	Pass
	16QAM	1860	100	0	19.854	/	Pass
		1880	100	0	19.576	/	Pass
		1900	100	0	19.736	/	Pass

3.2 Test Graph

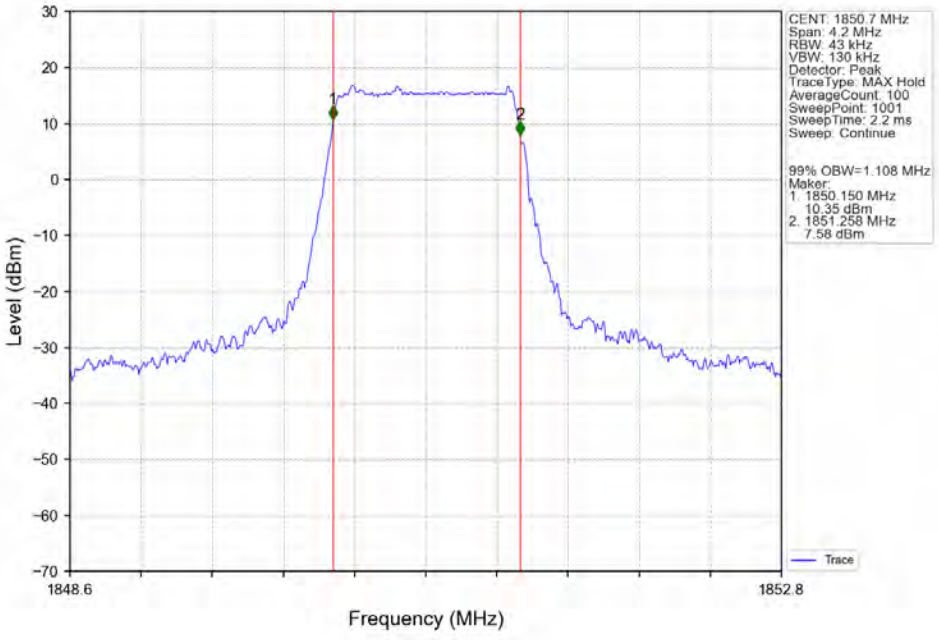
3.2.1 Band2_OBW

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV


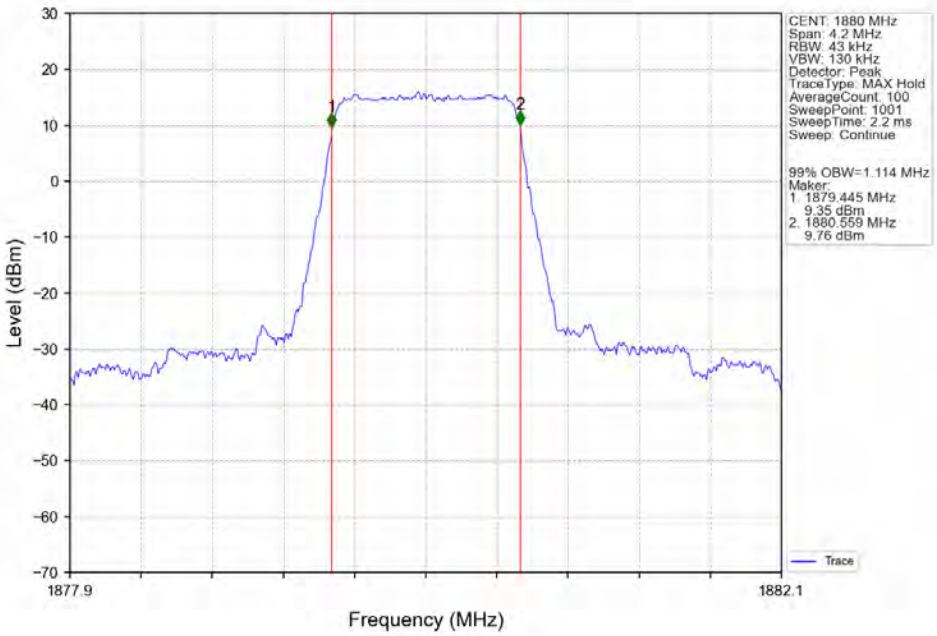
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



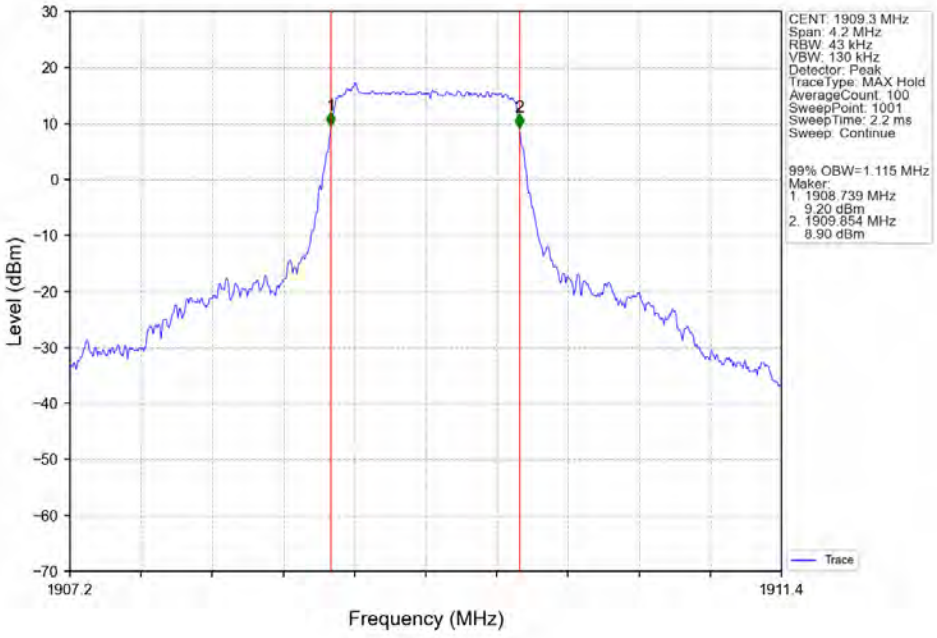
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



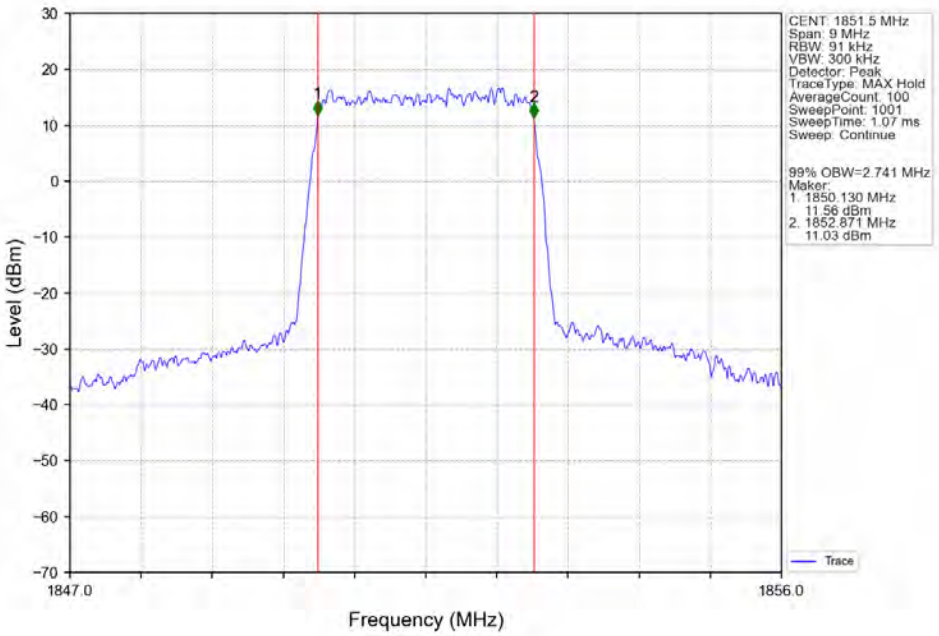
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



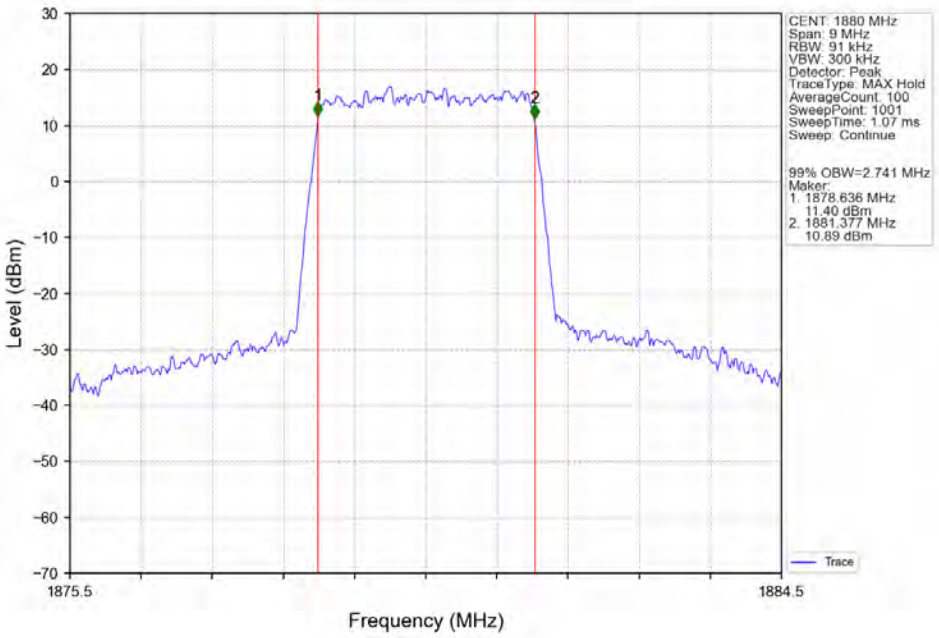
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



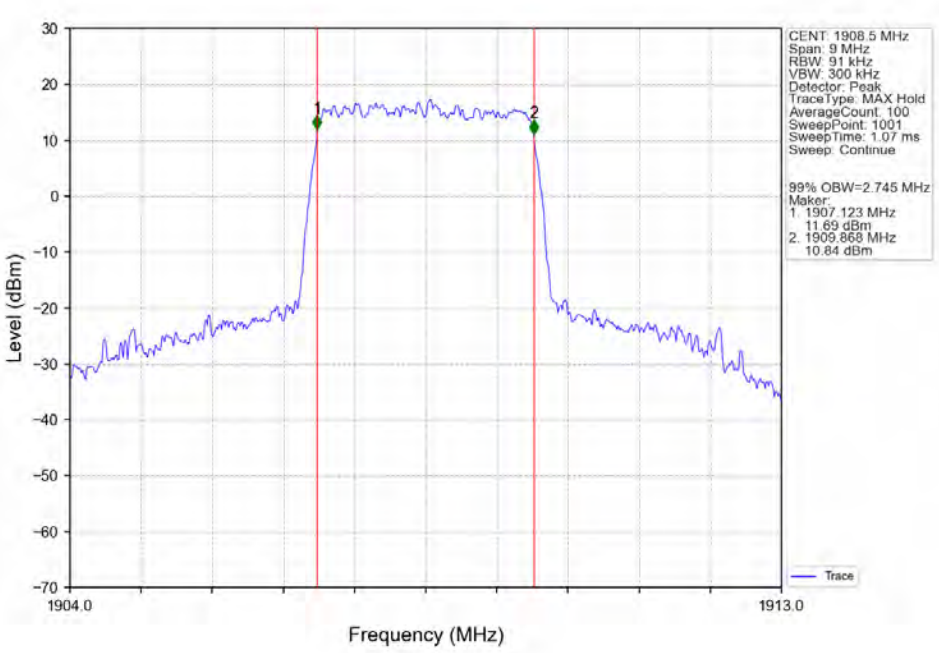
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



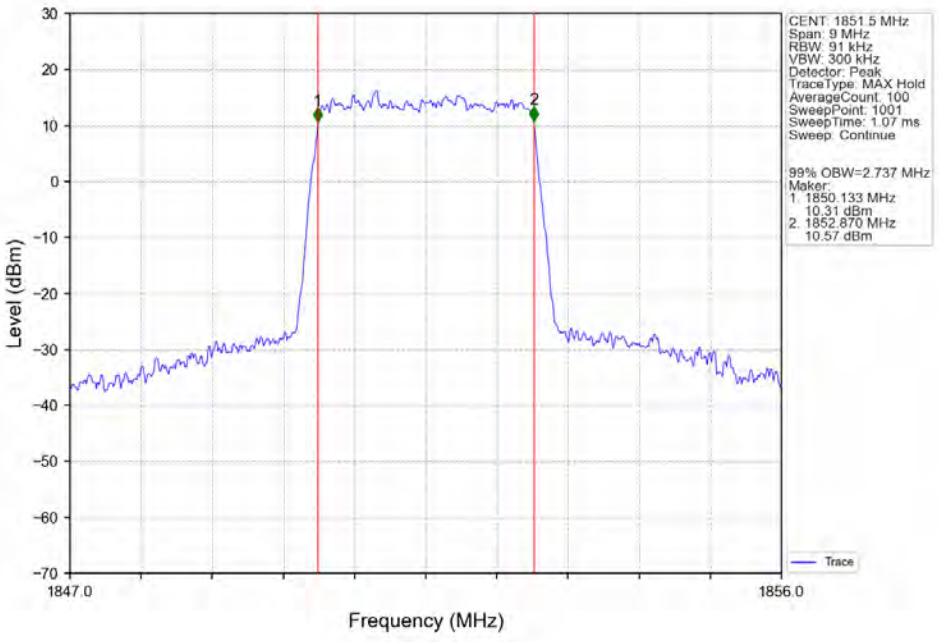
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



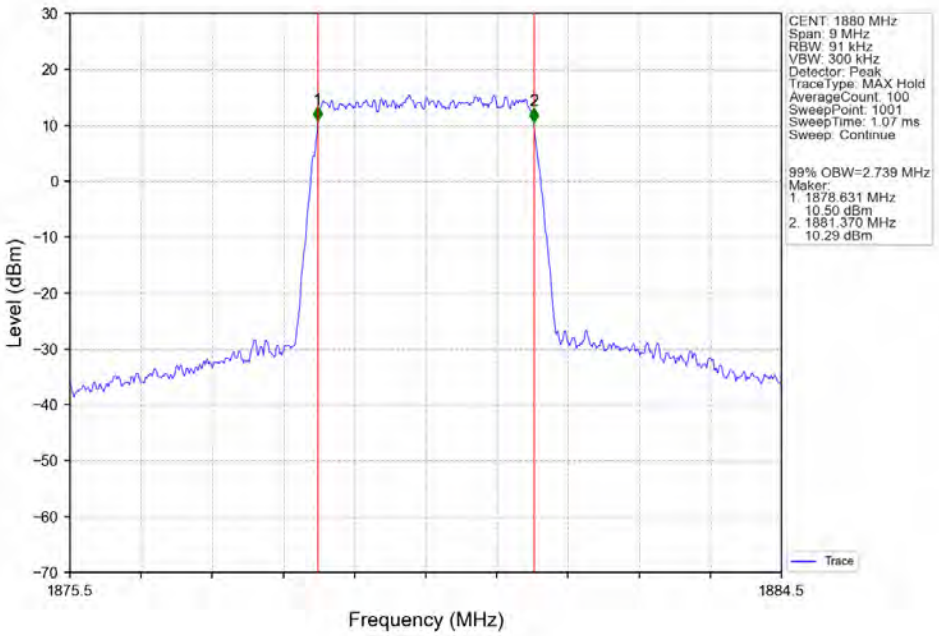
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



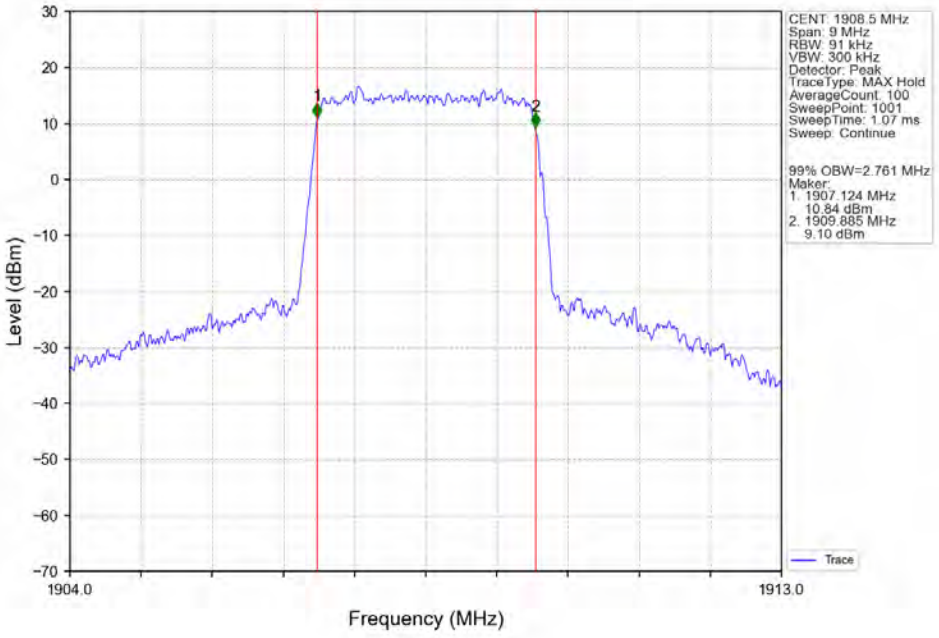
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



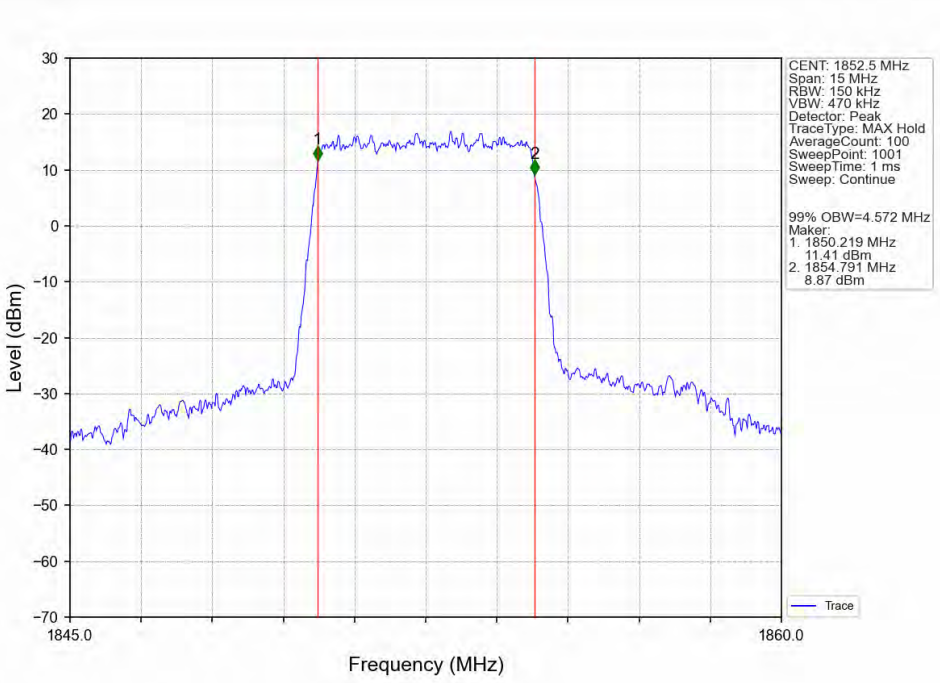
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



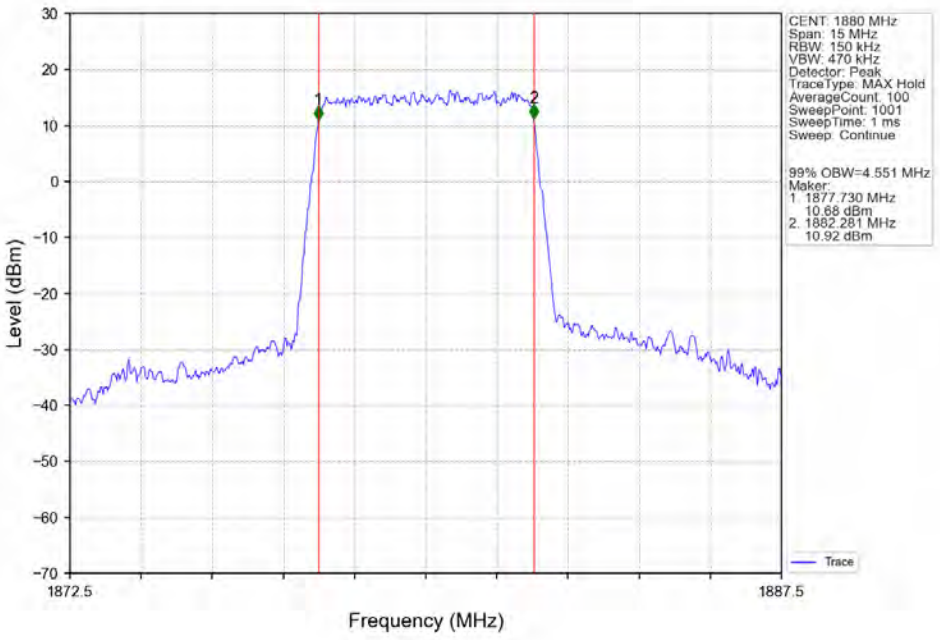
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



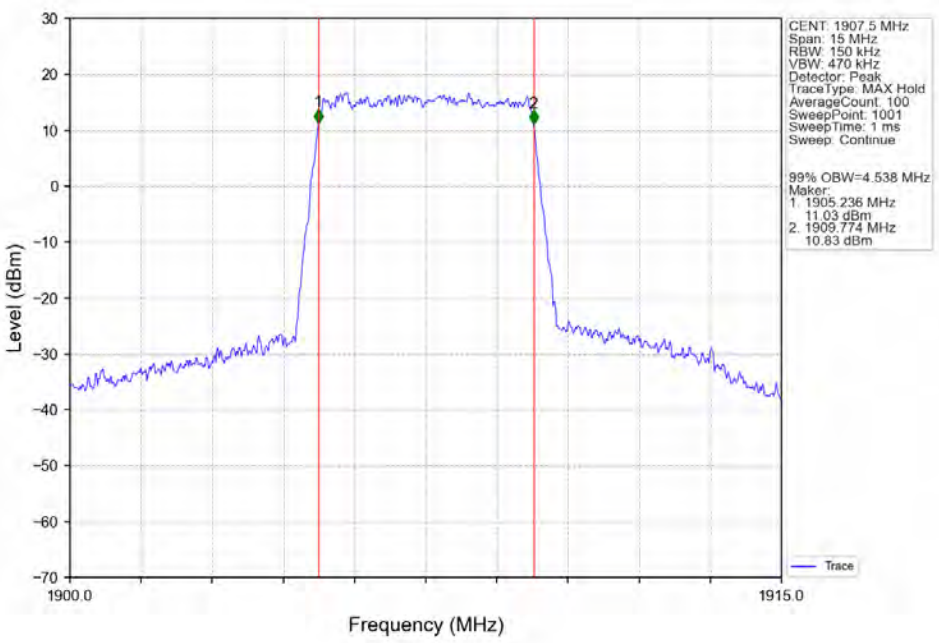
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



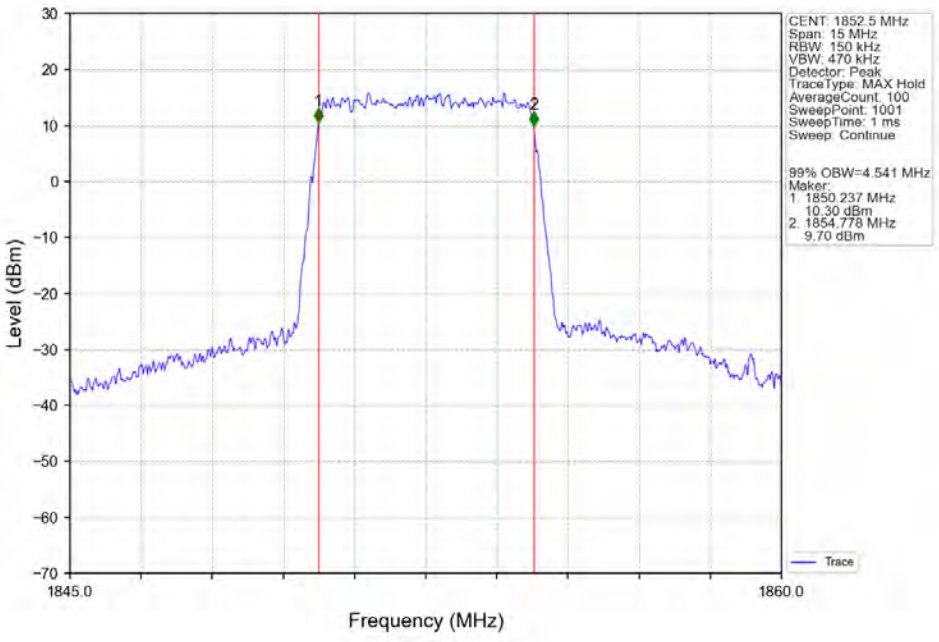
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



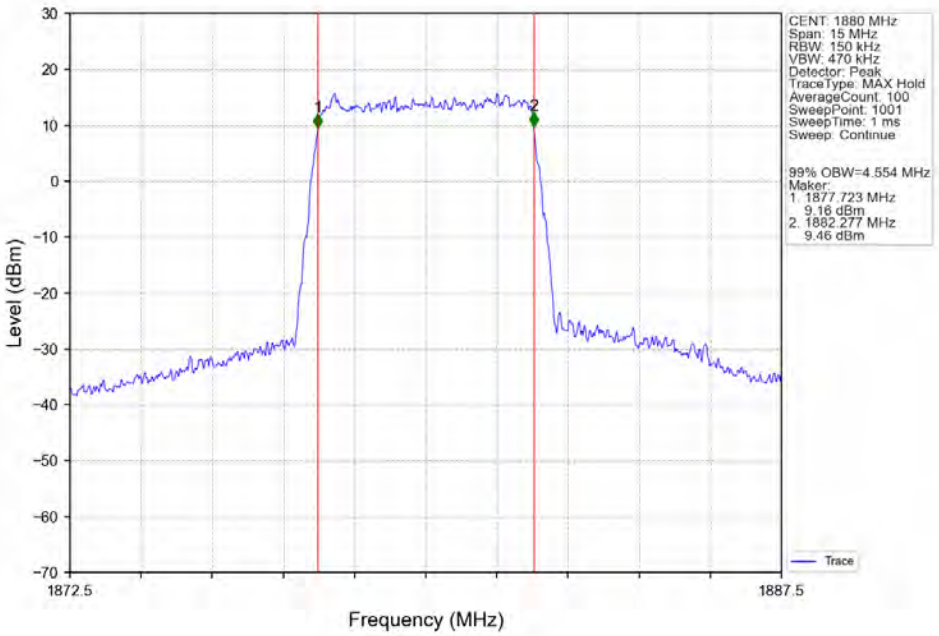
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



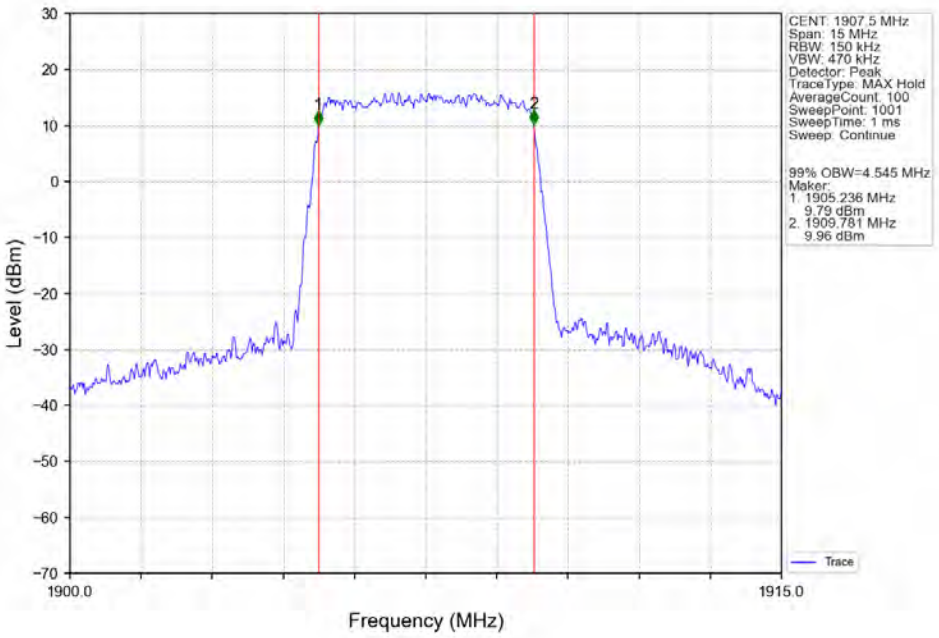
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



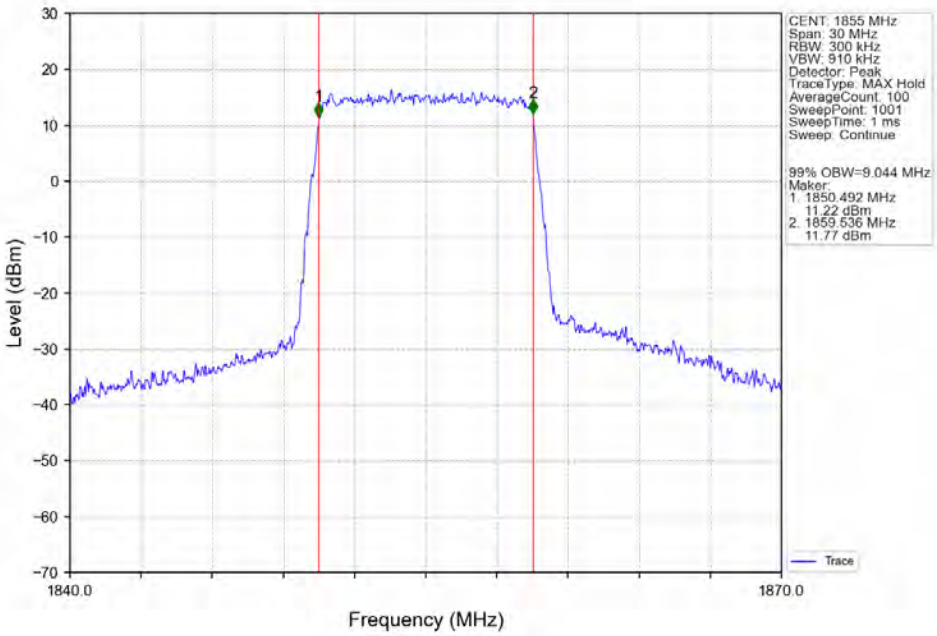
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



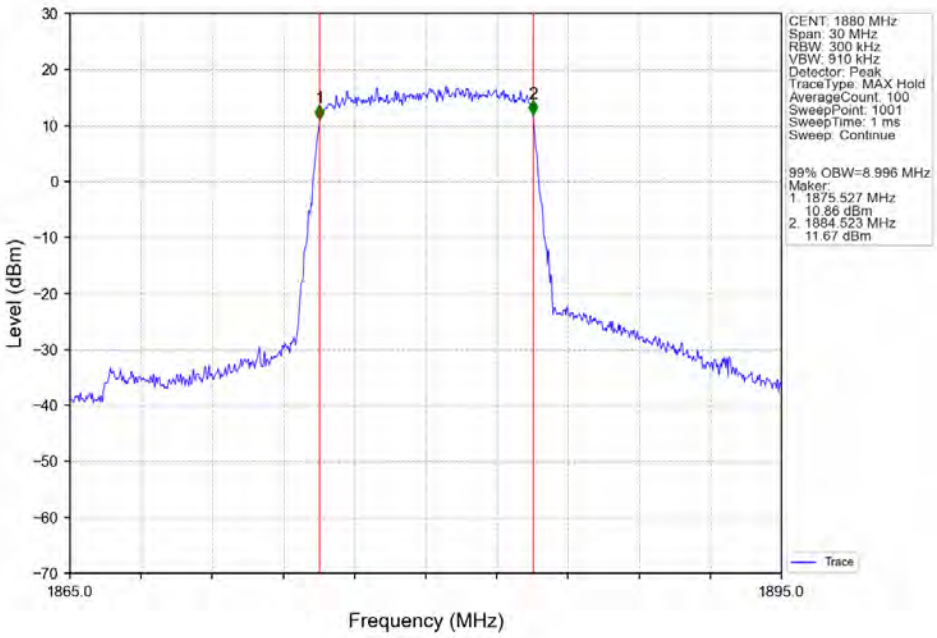
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



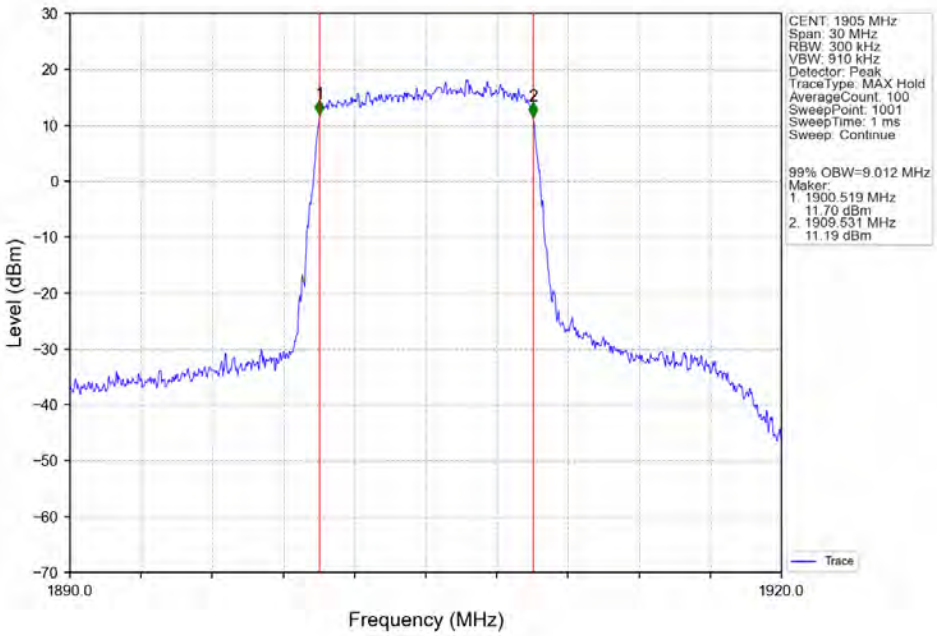
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



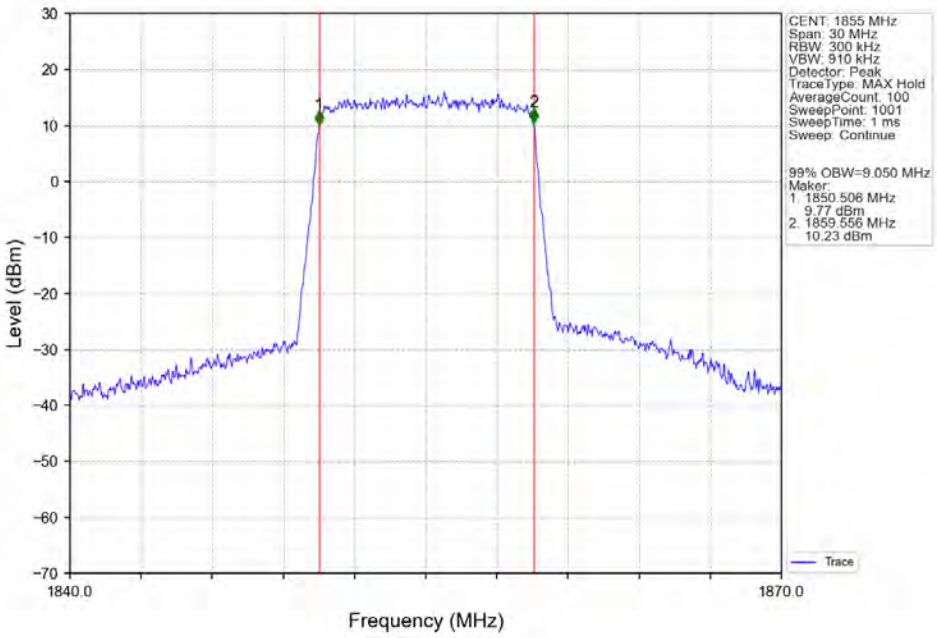
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

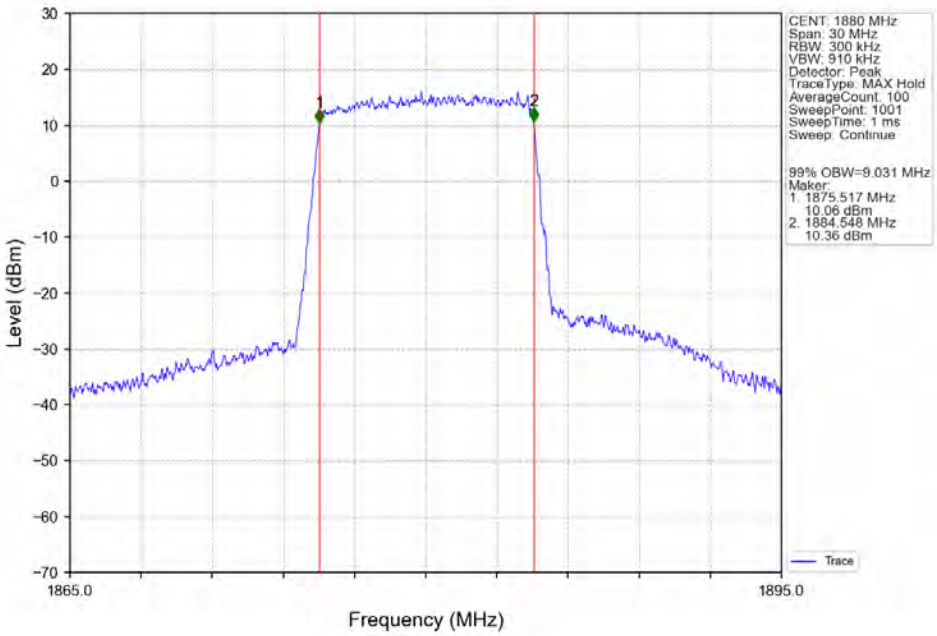


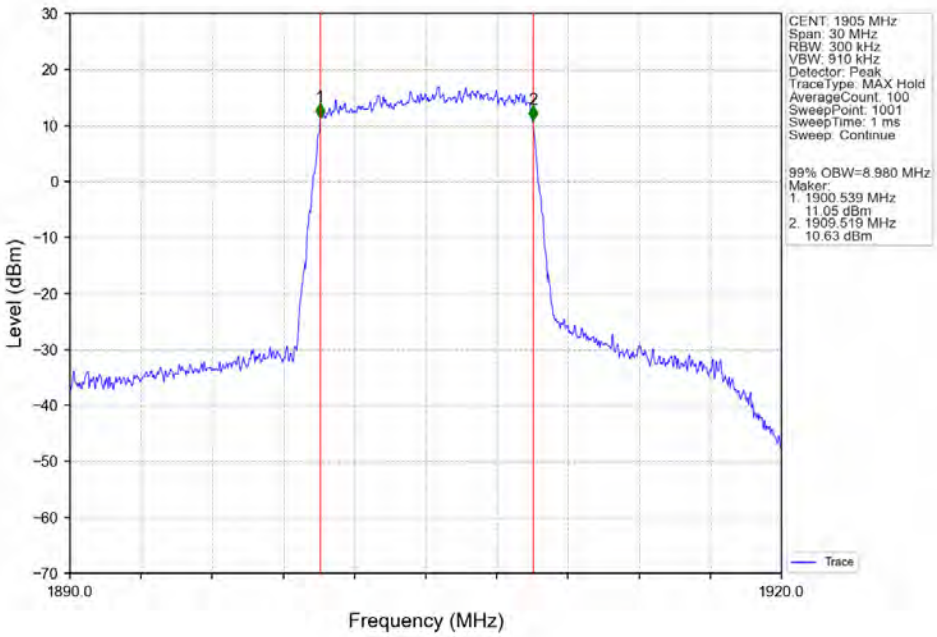
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



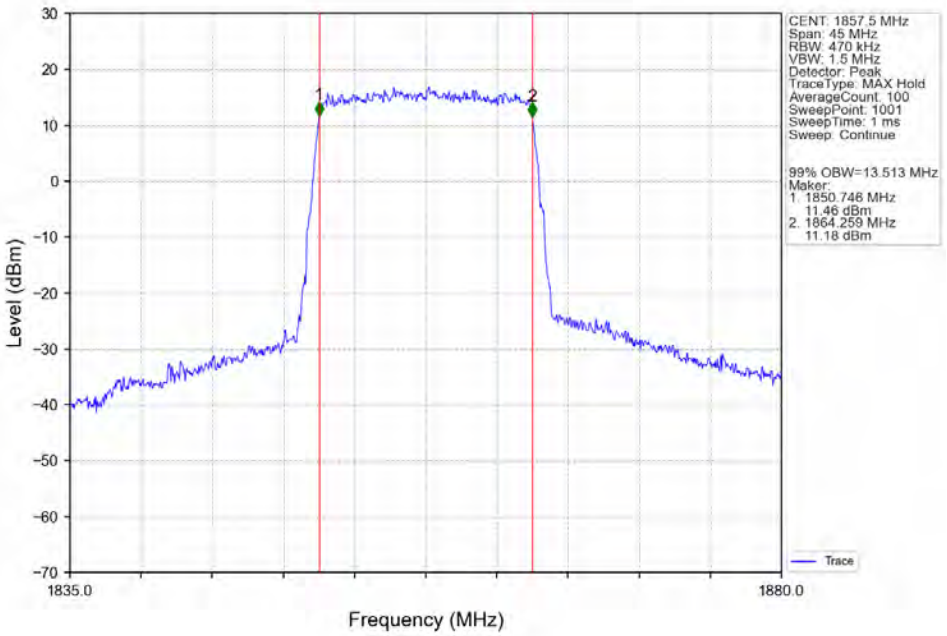
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



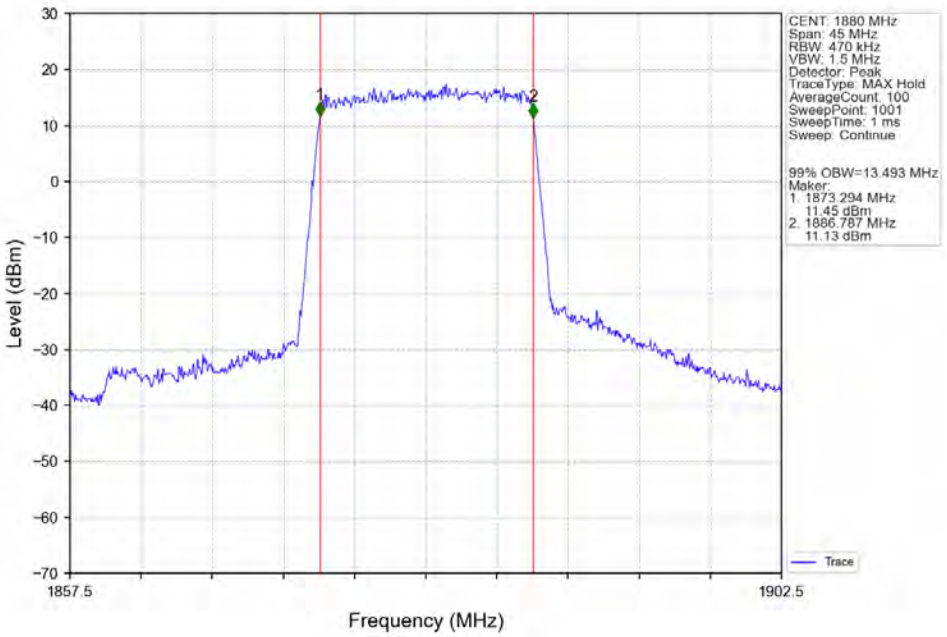
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV


Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV


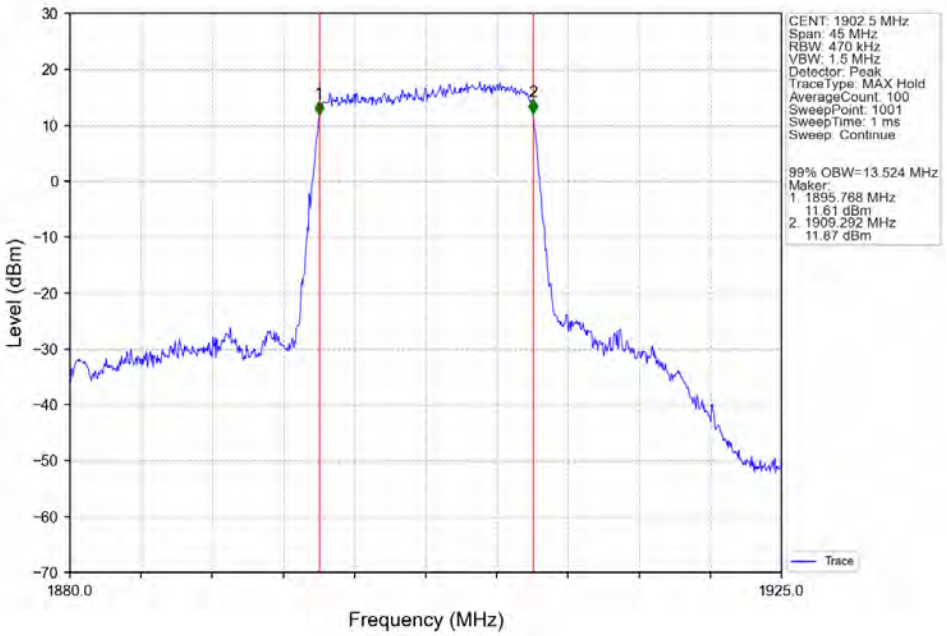
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



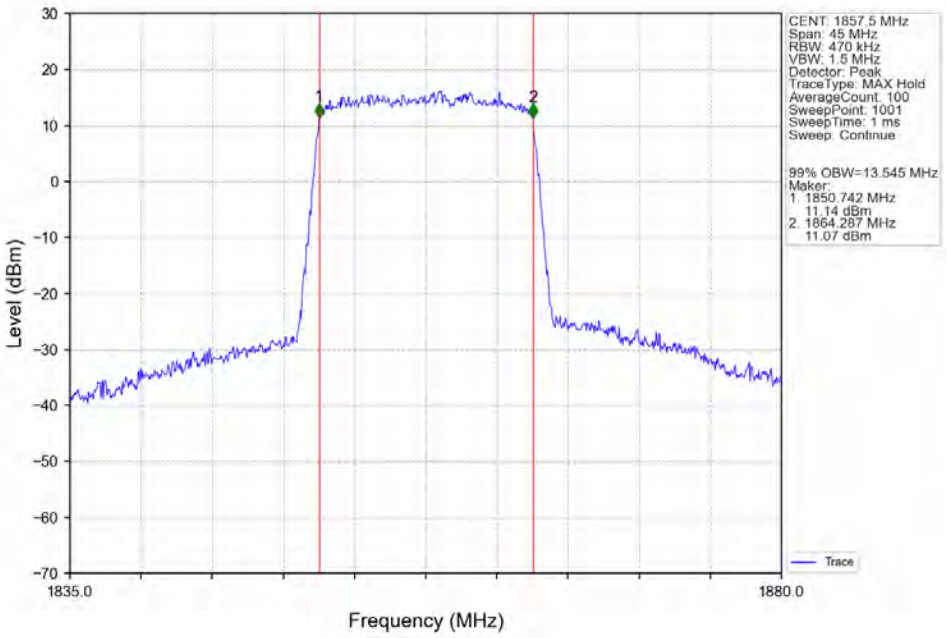
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



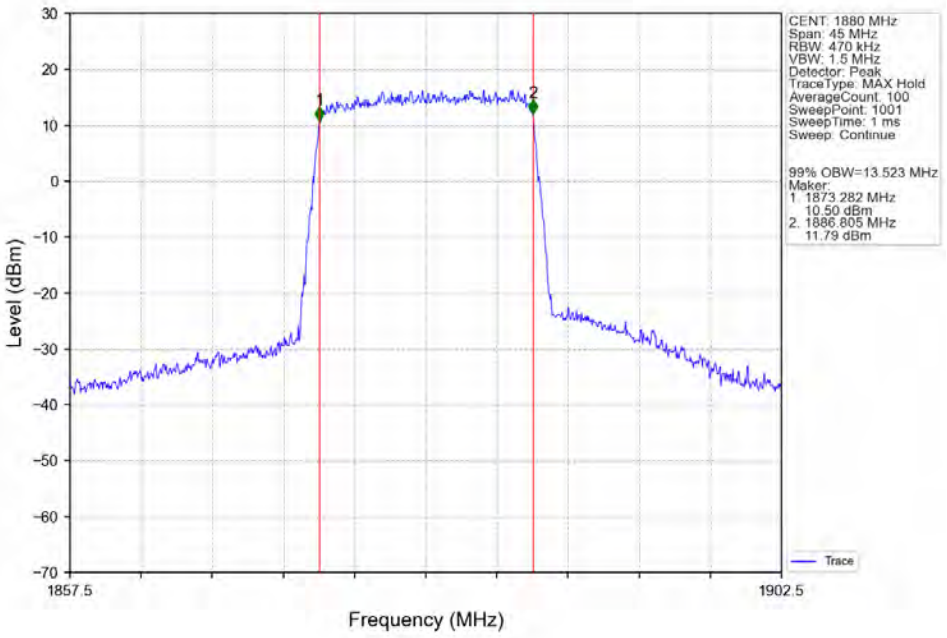
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



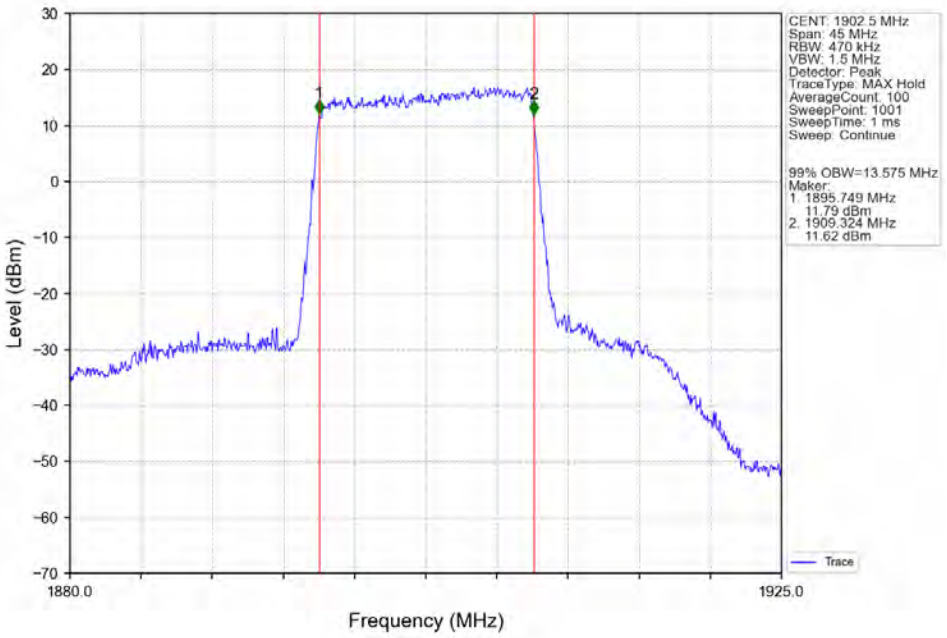
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



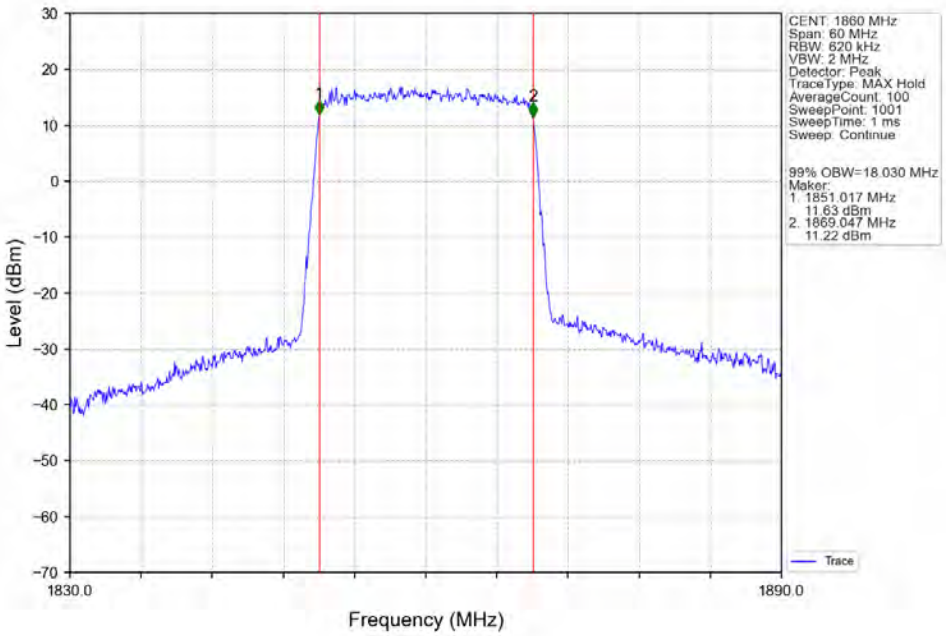
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



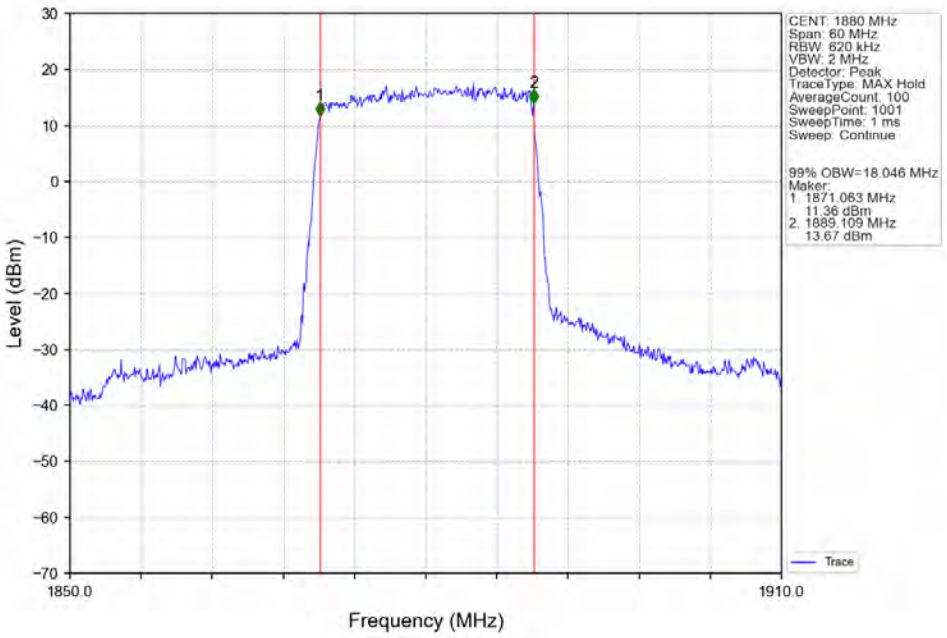
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



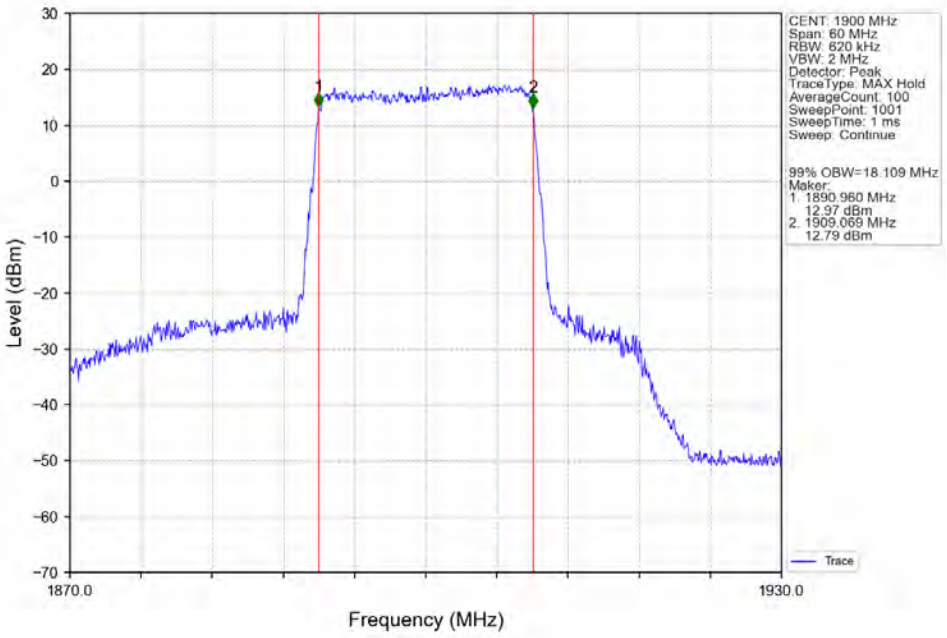
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



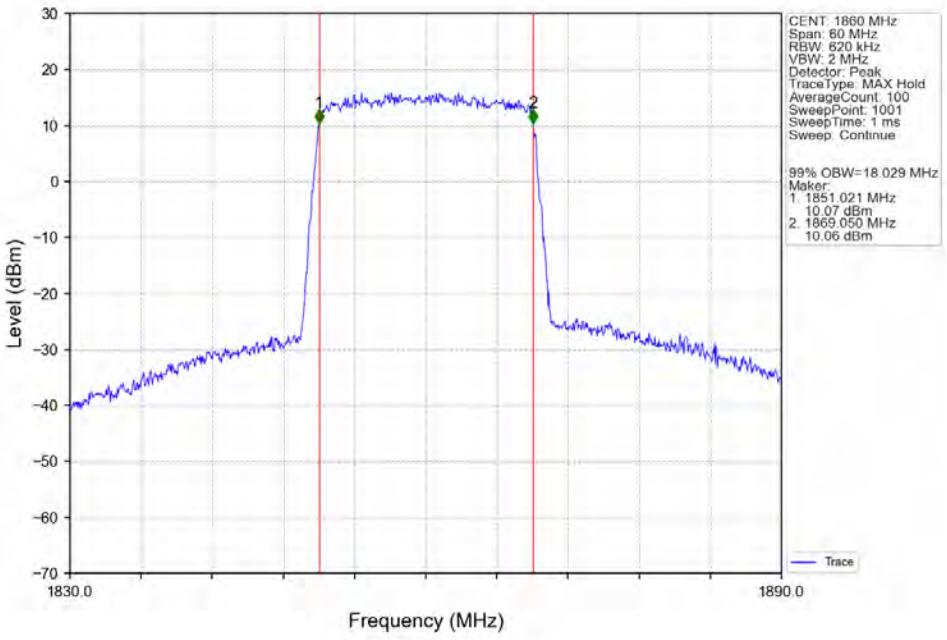
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



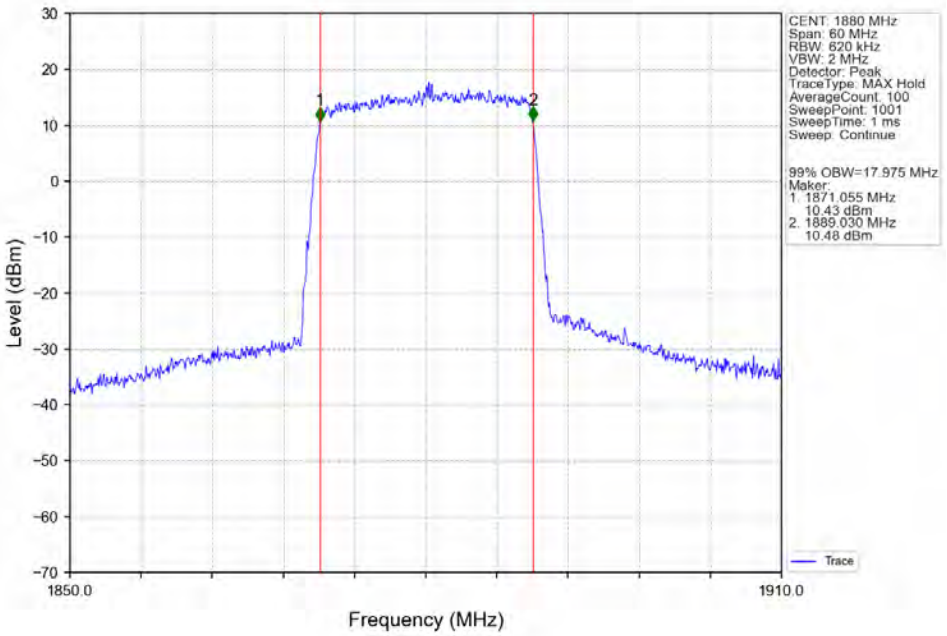
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



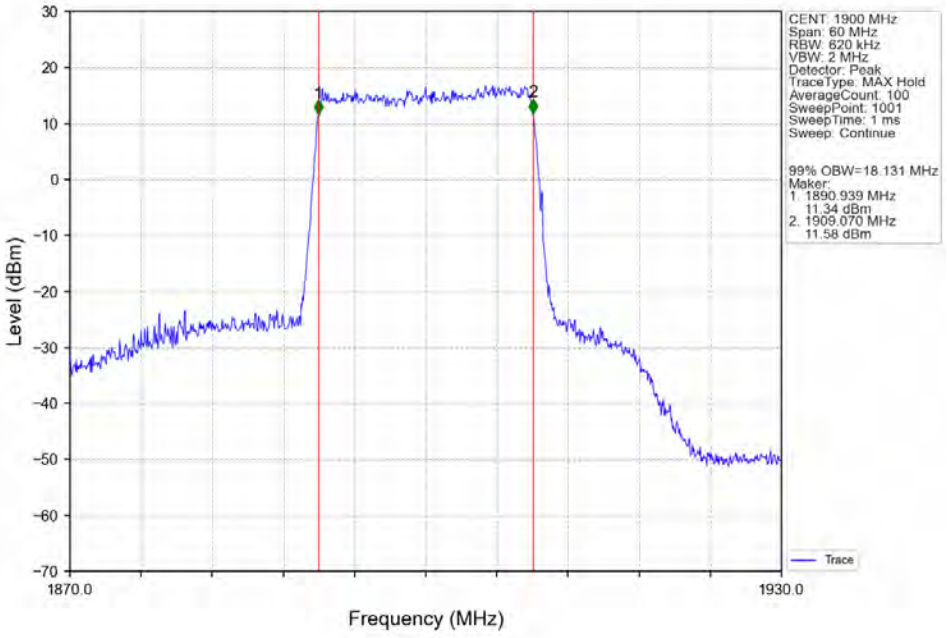
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



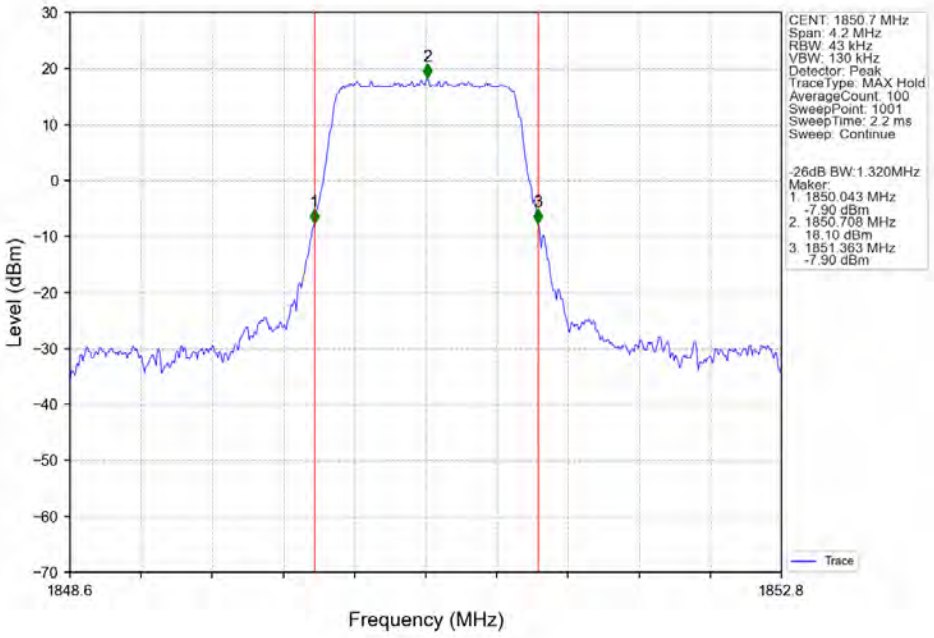
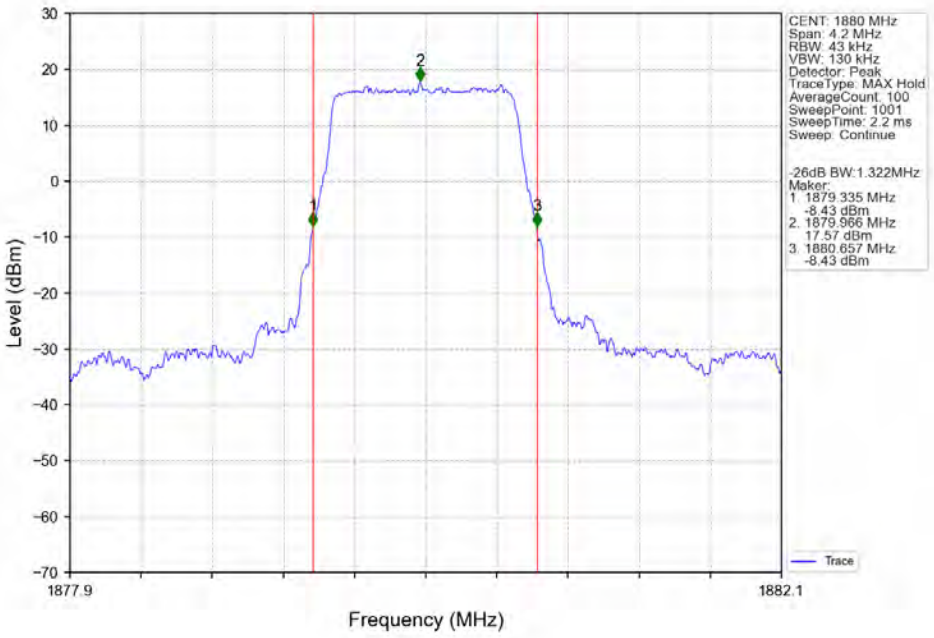
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



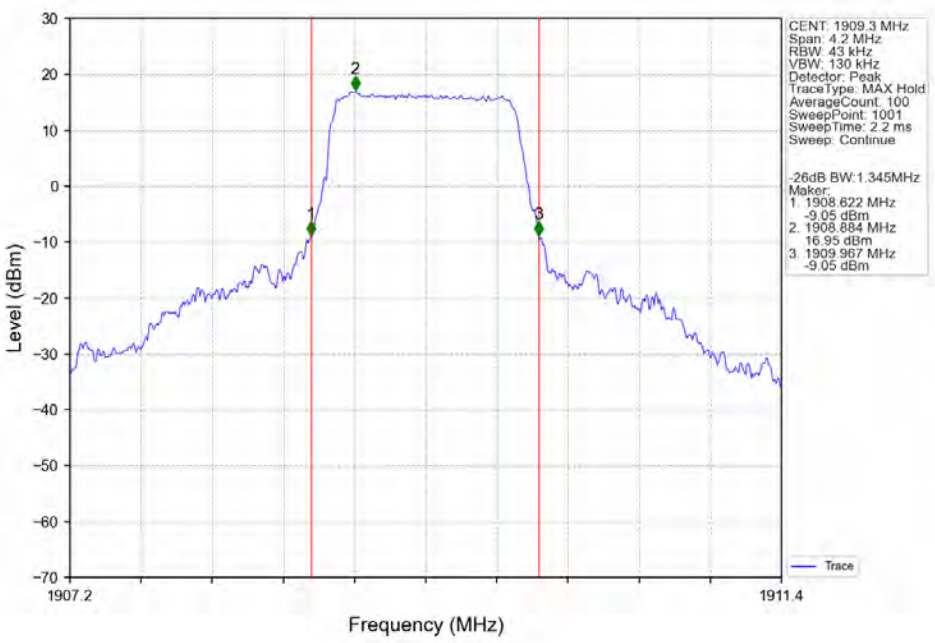
Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



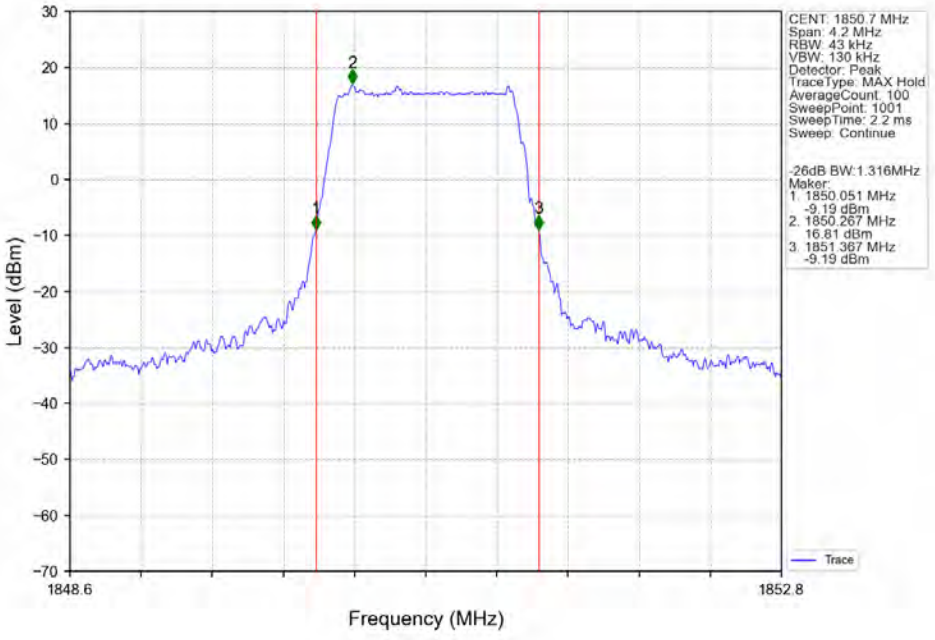
3.2.2 Band2_XDB

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV


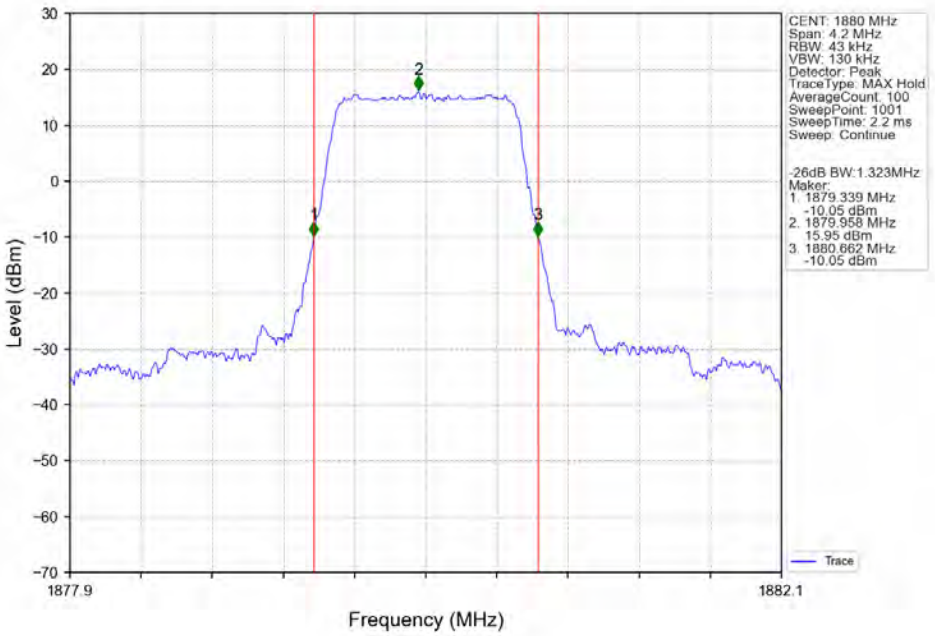
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



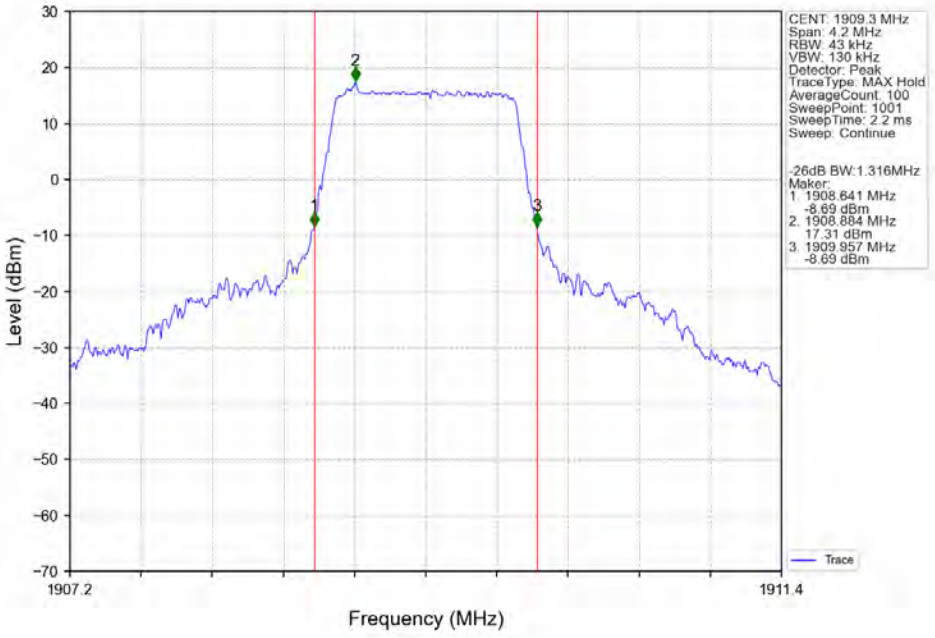
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



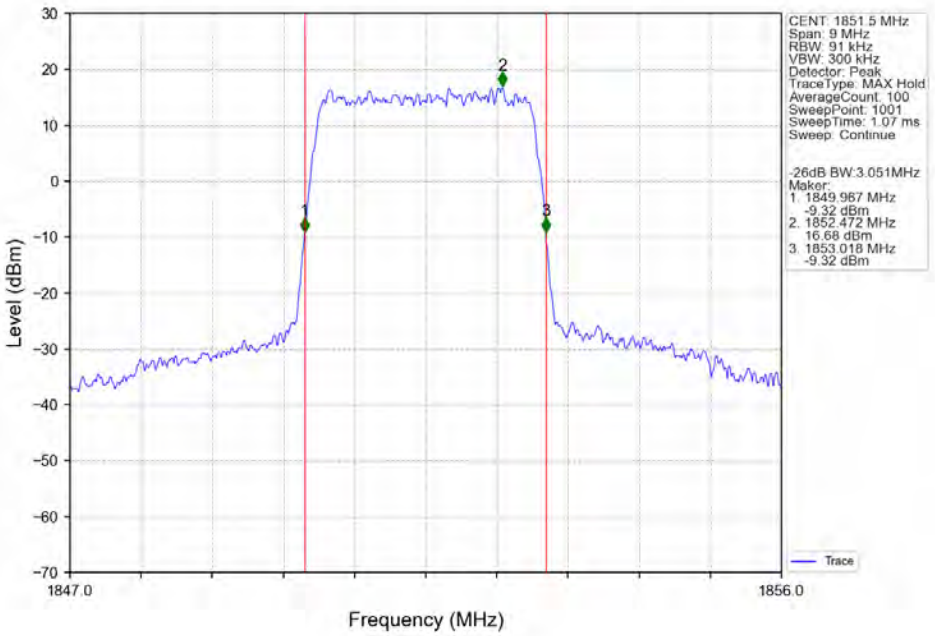
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



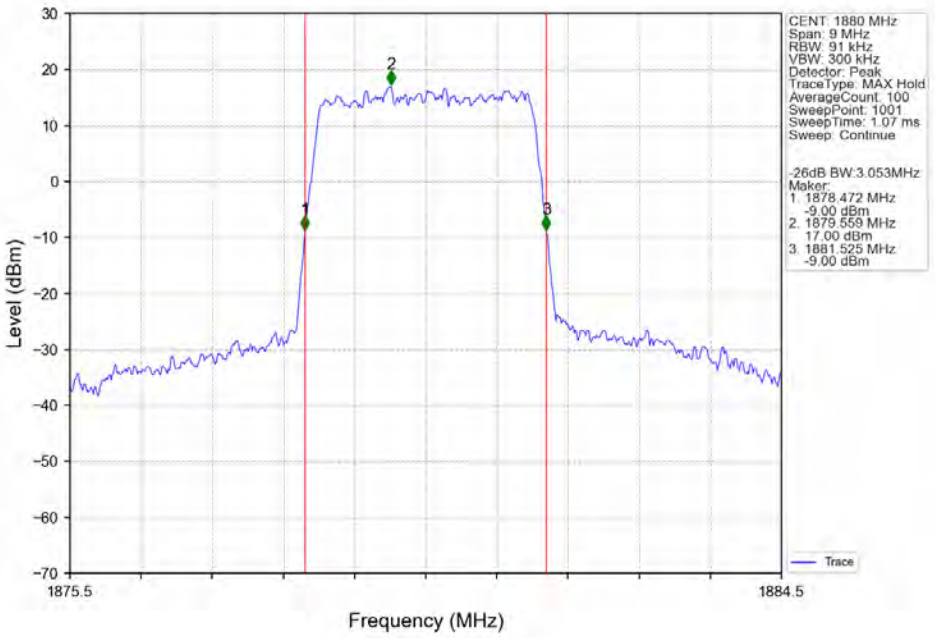
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



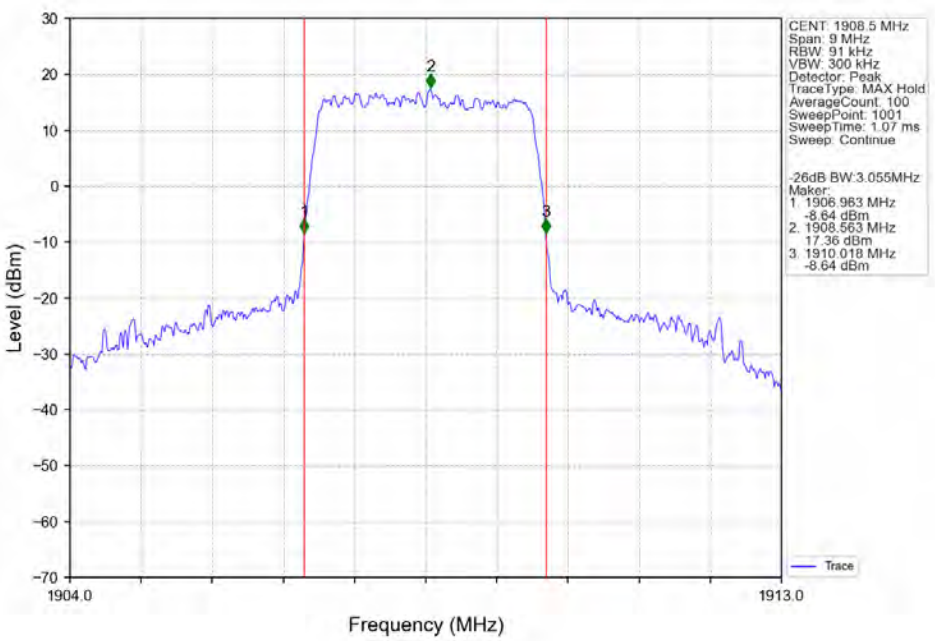
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



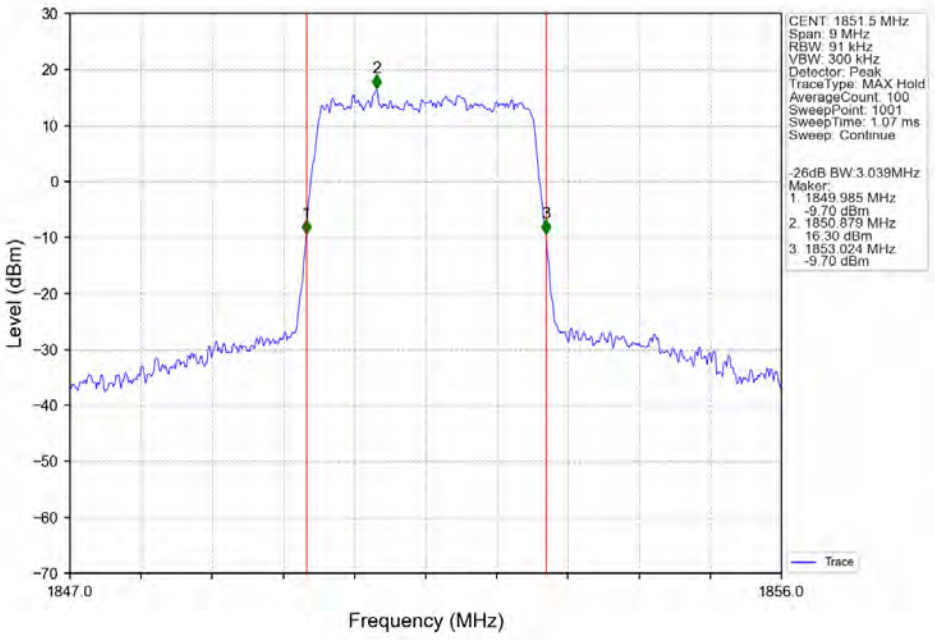
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



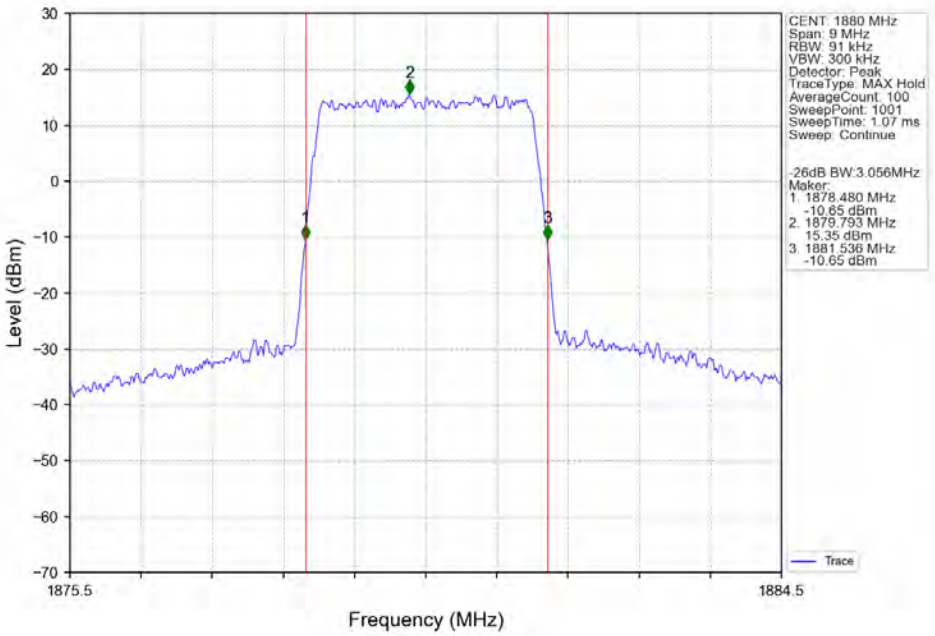
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



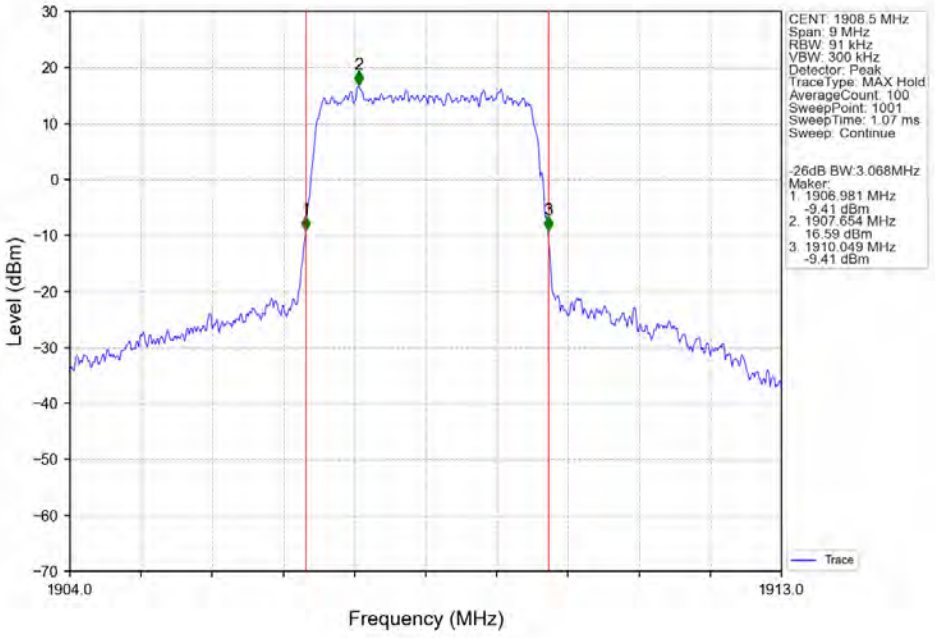
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



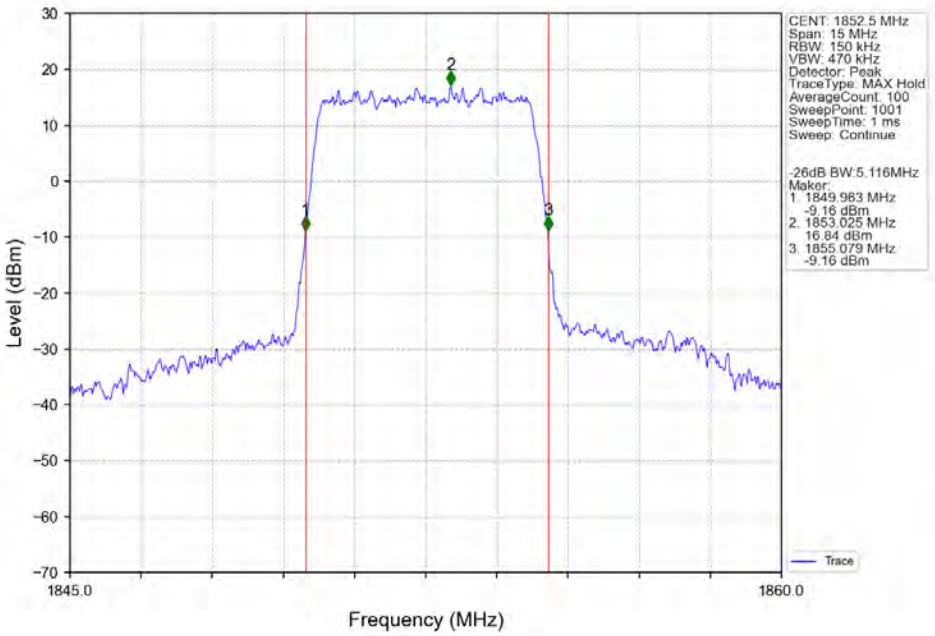
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



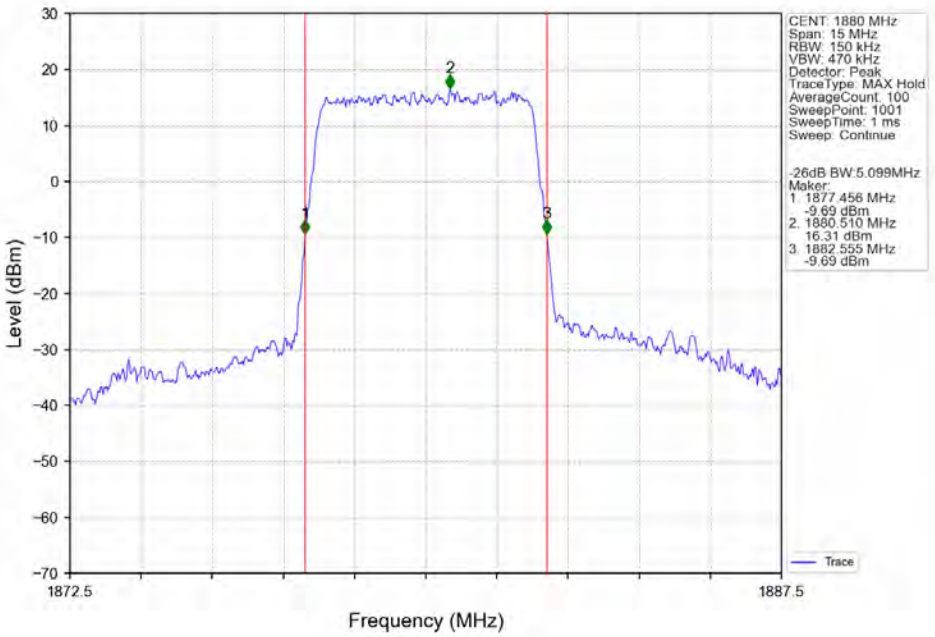
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



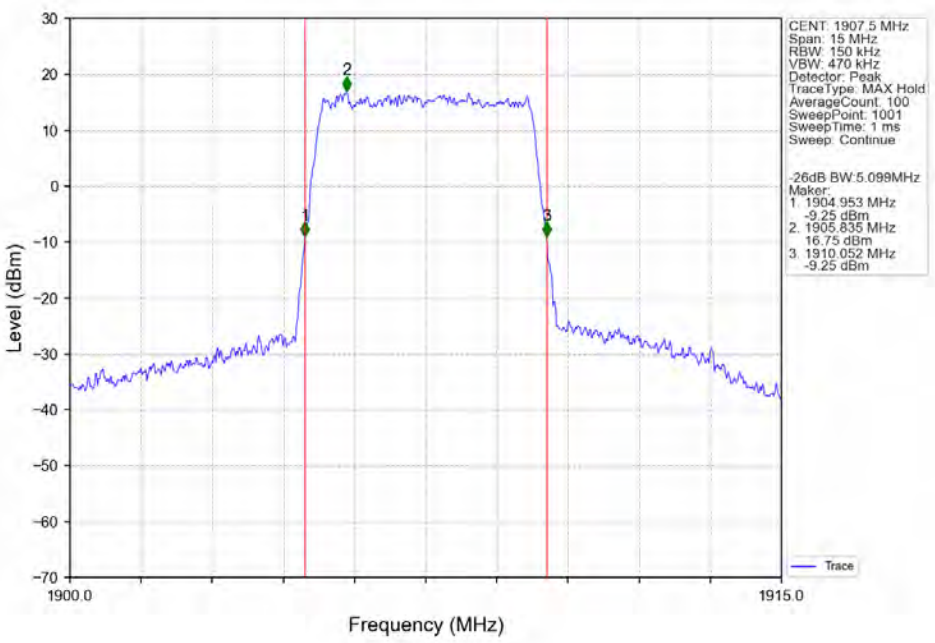
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



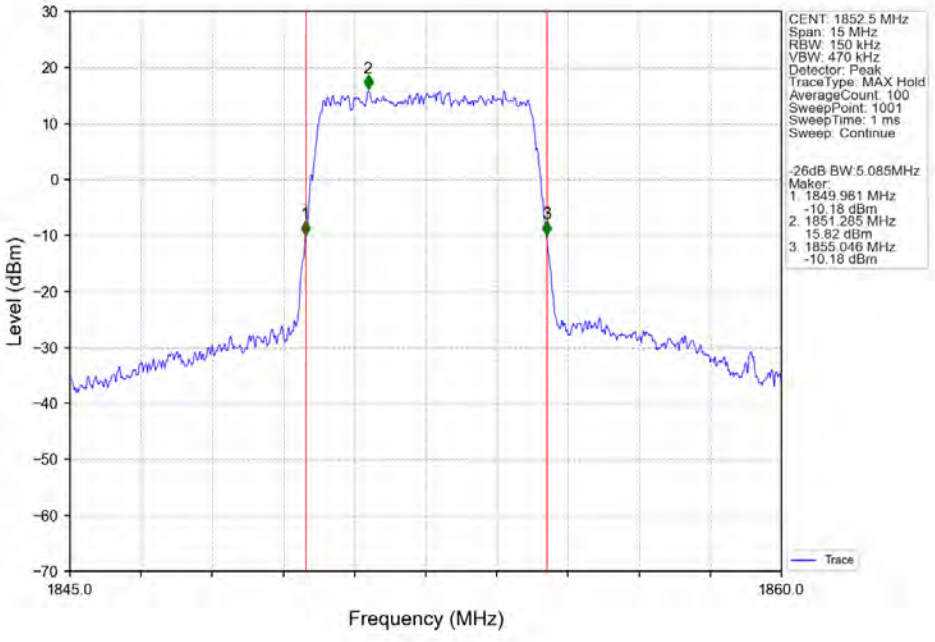
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



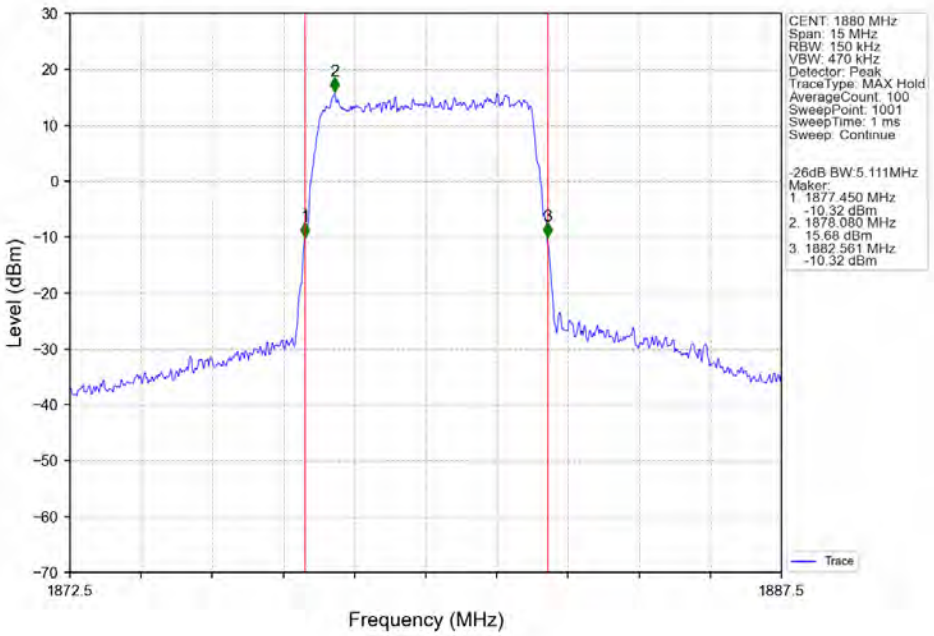
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



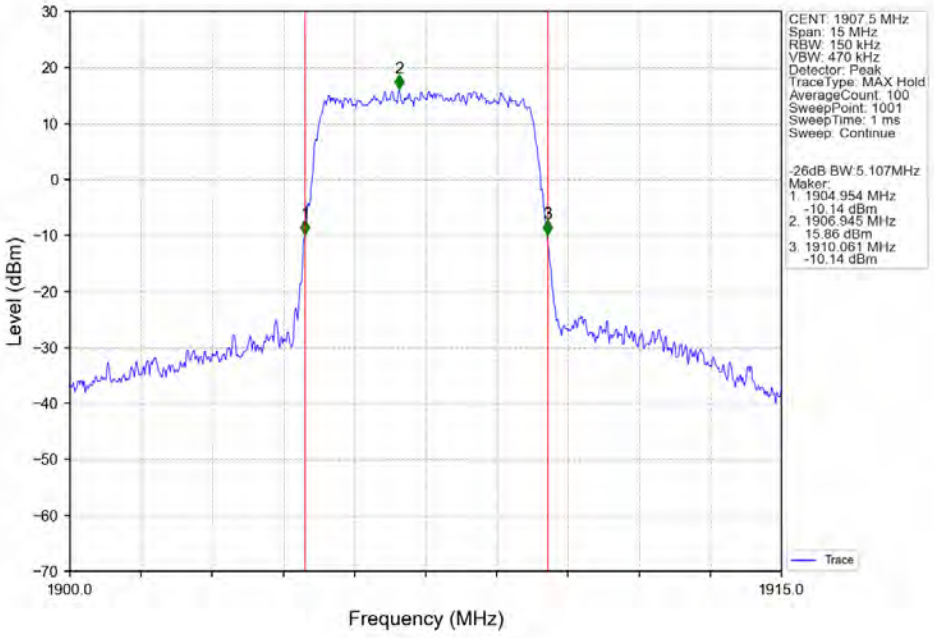
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



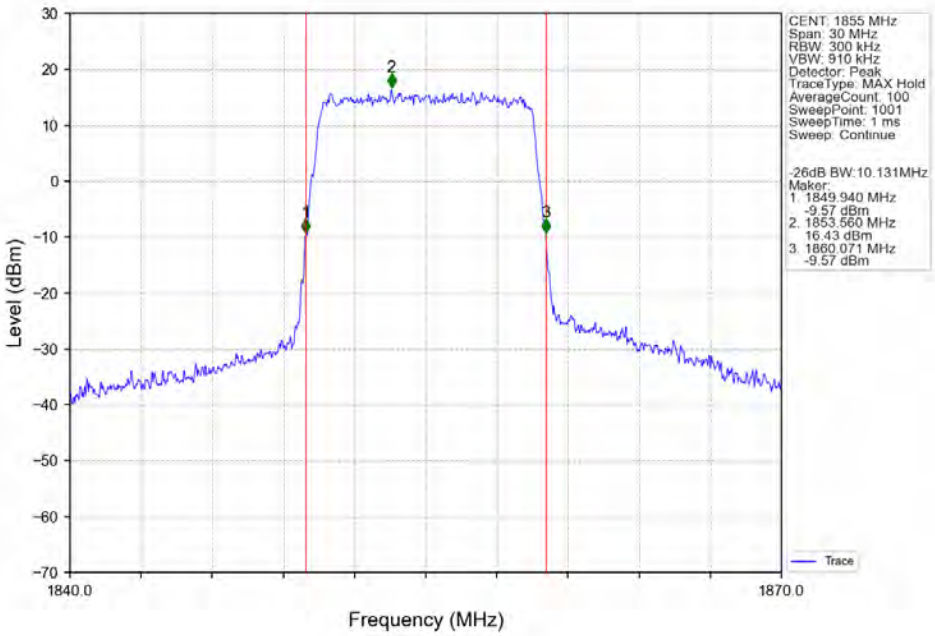
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



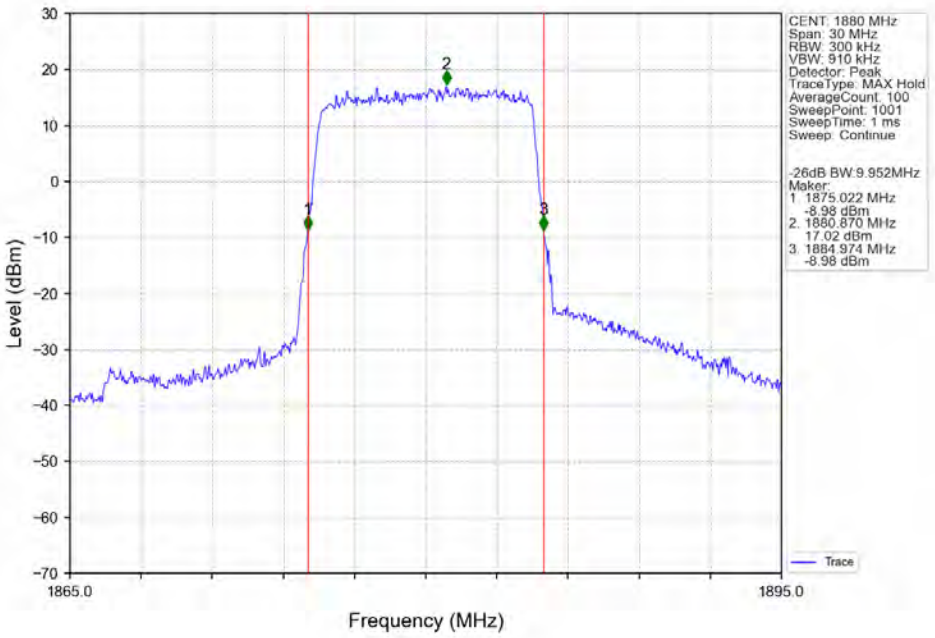
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



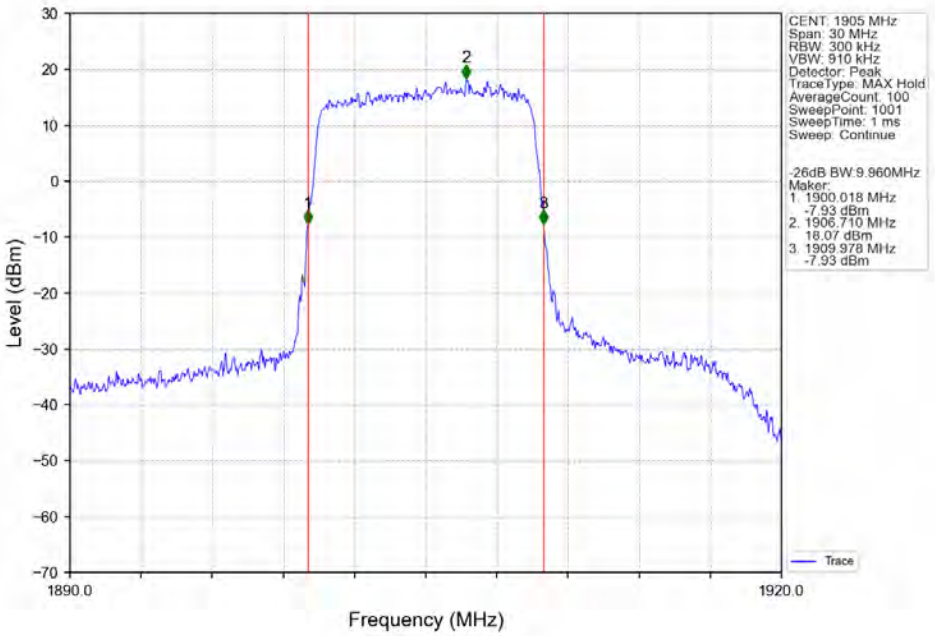
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



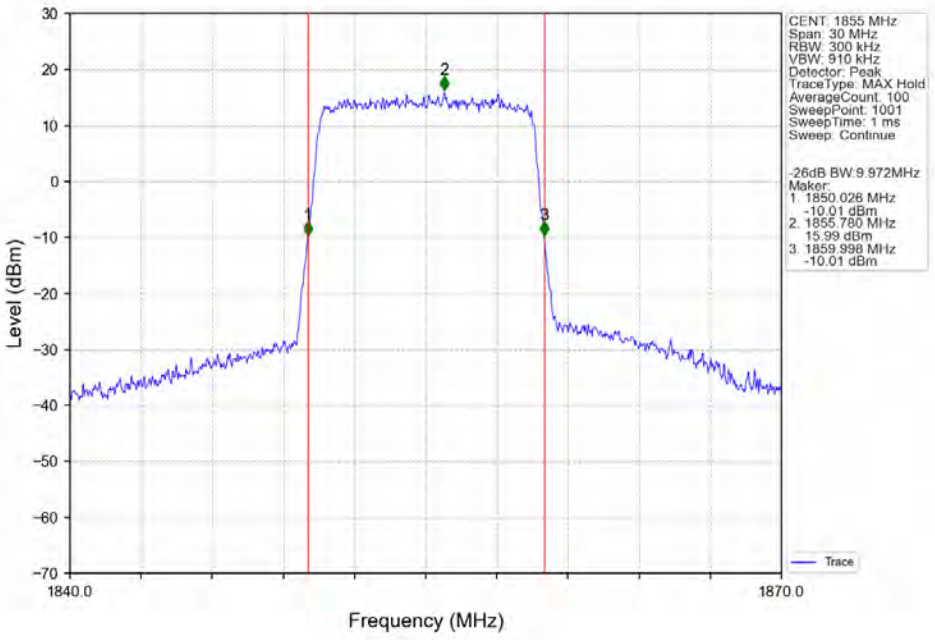
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

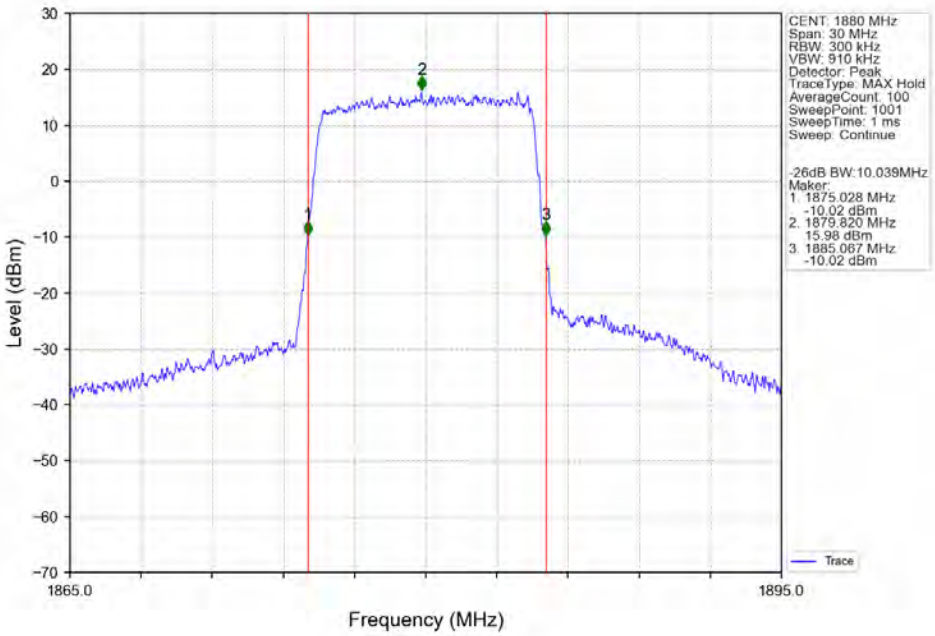


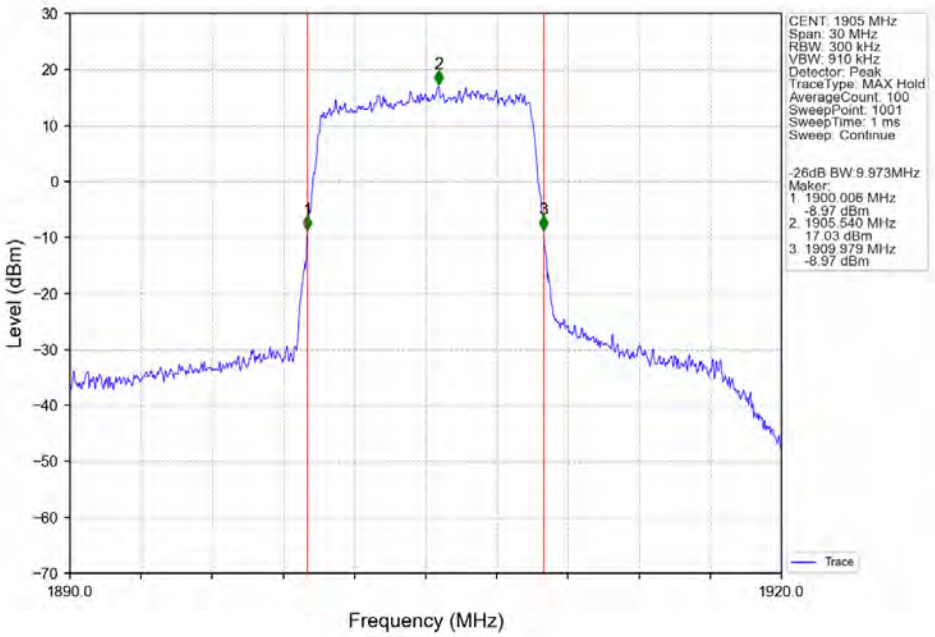
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



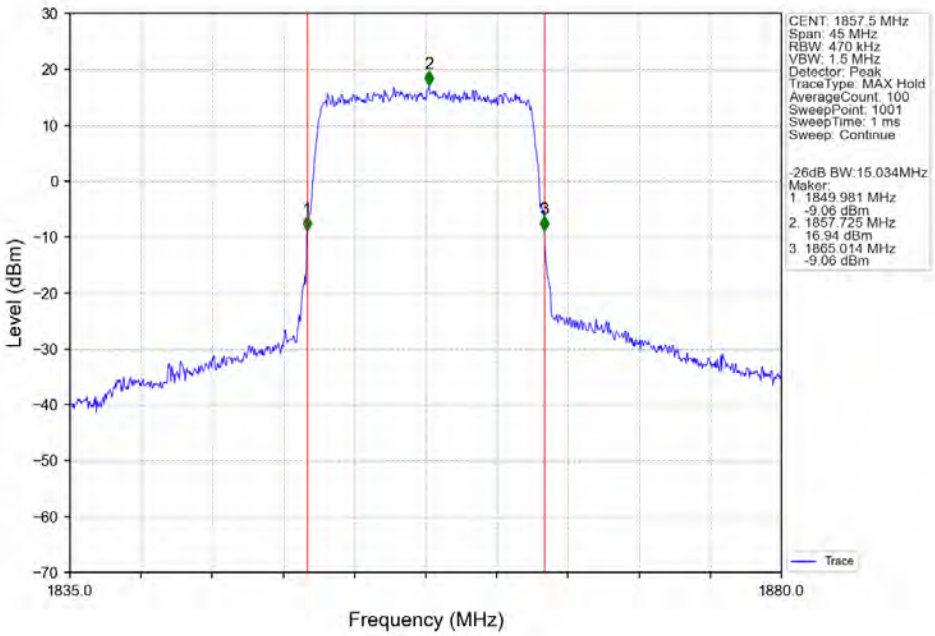
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



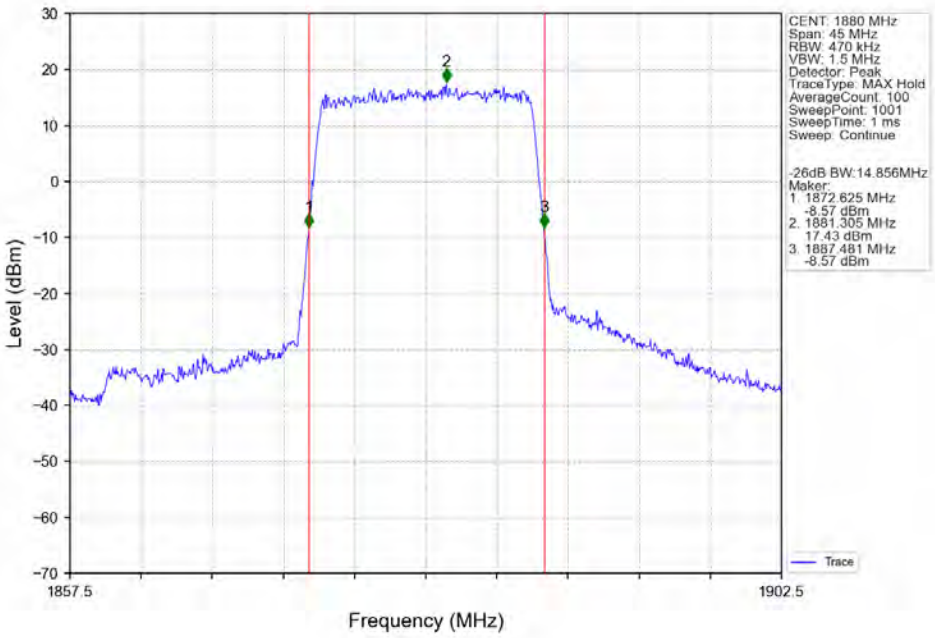
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV


Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV


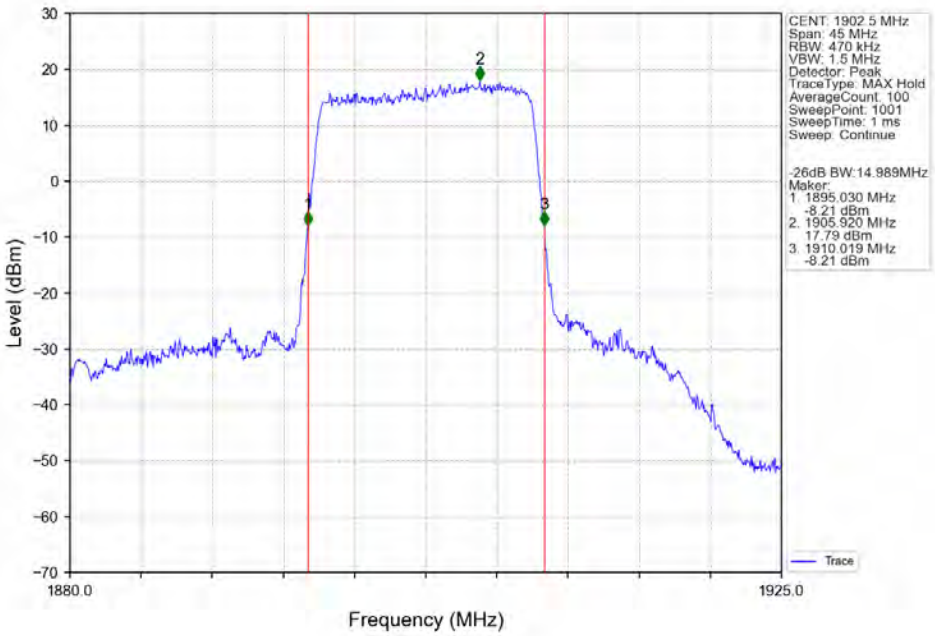
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



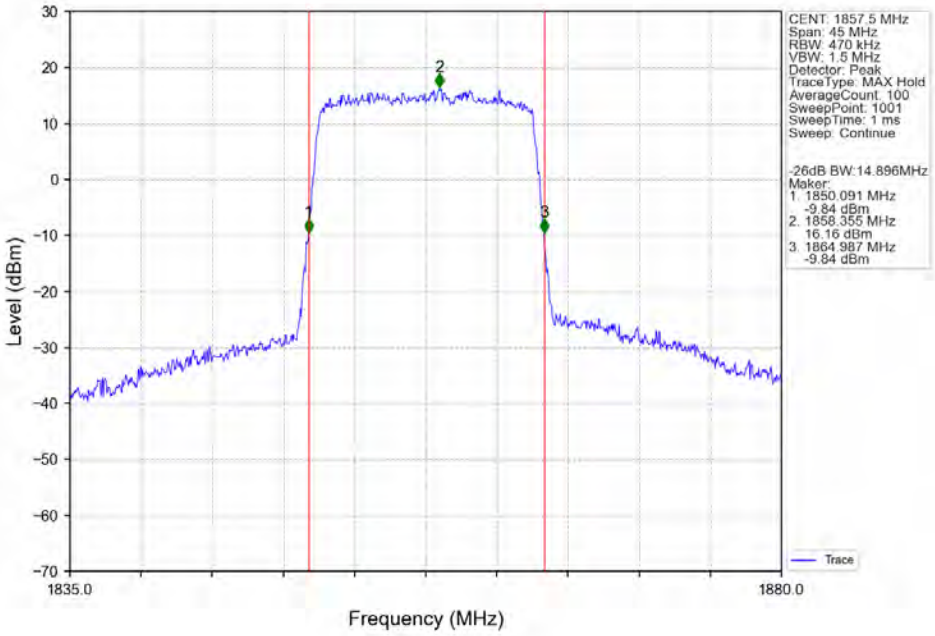
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



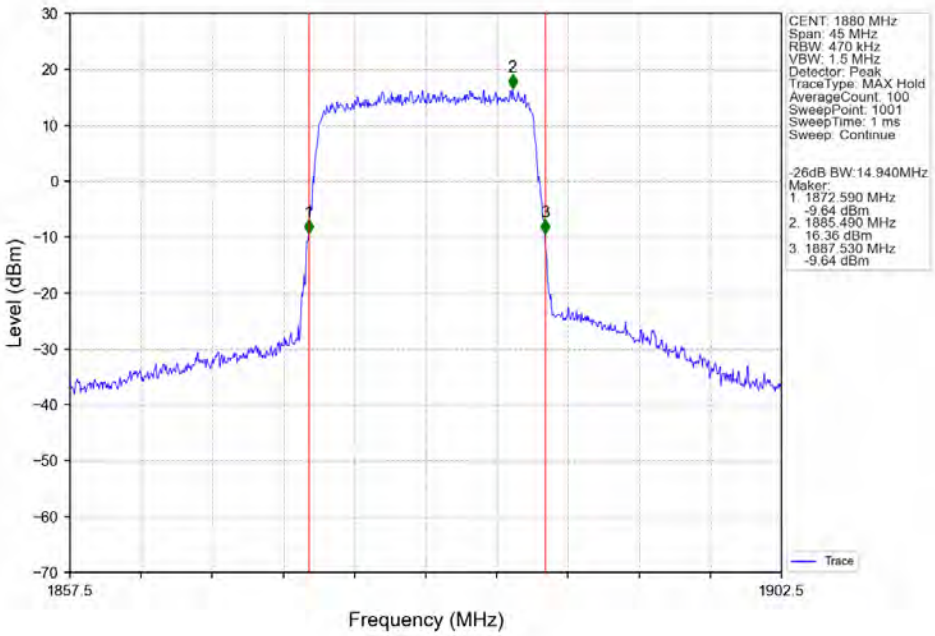
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



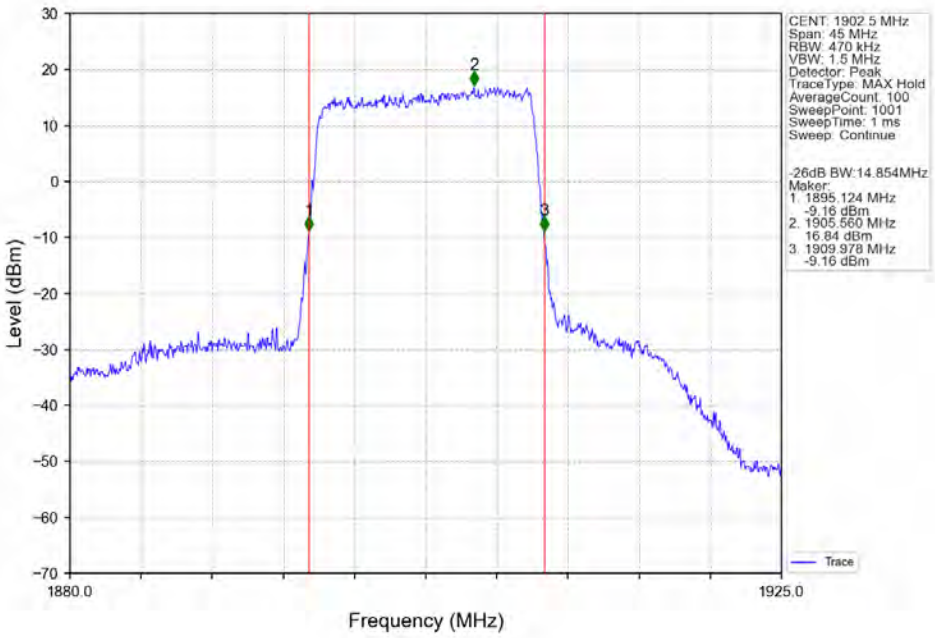
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



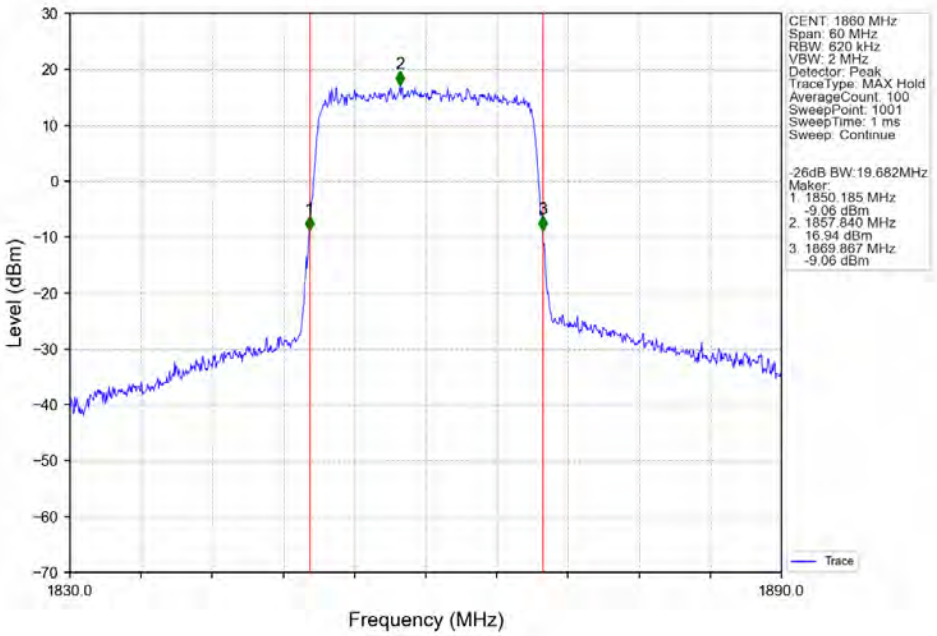
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



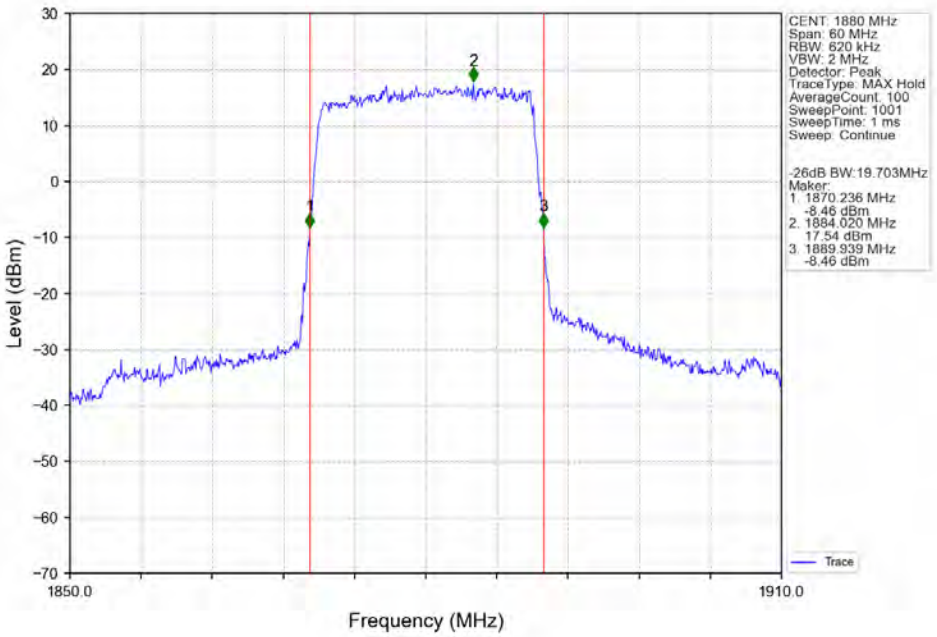
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



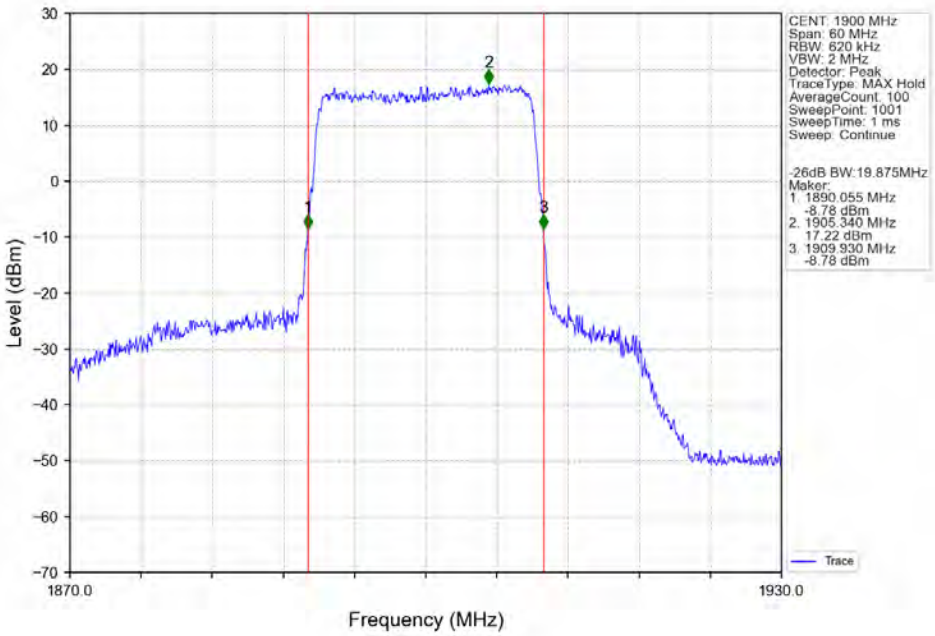
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



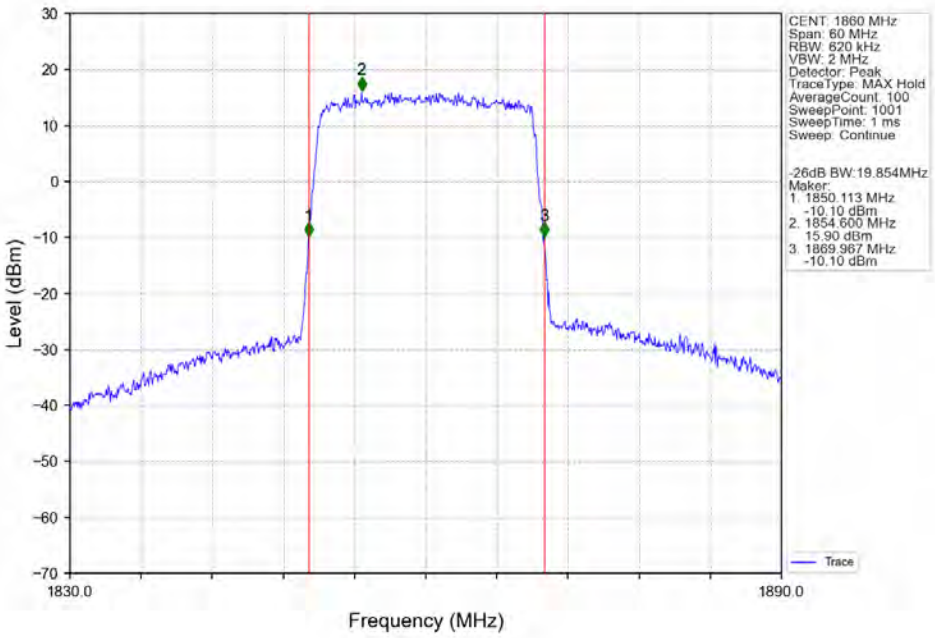
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



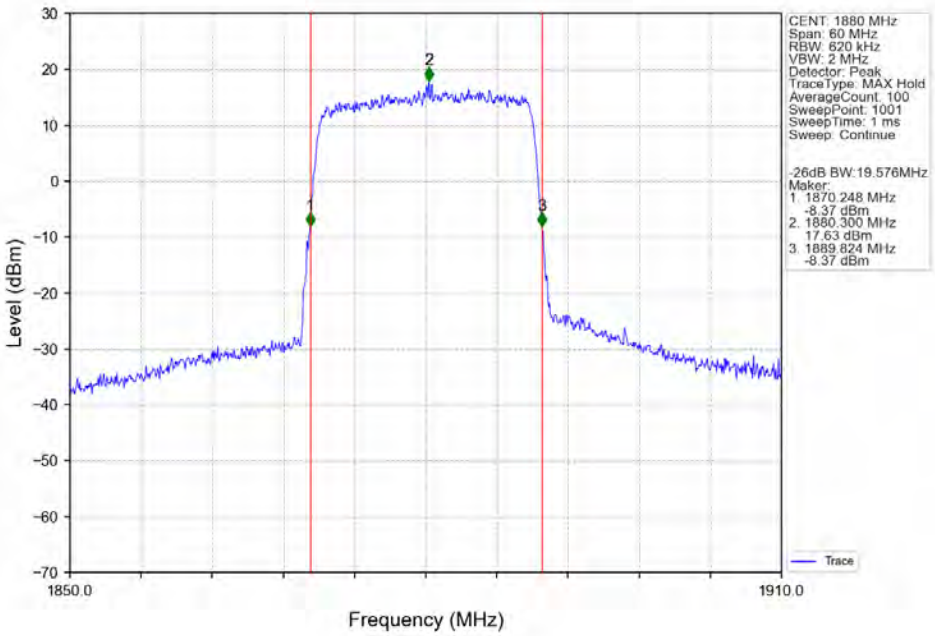
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



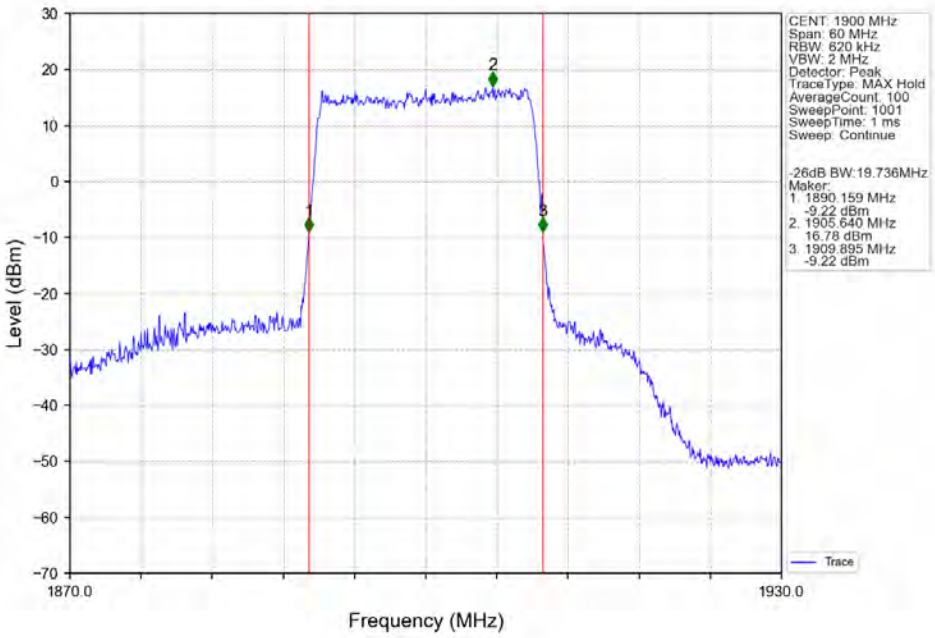
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.97	<=13	Pass
	1880	6	0	5.23	<=13	Pass
	1909.3	6	0	4.00	<=13	Pass
16QAM	1850.7	6	0	5.91	<=13	Pass
	1880	6	0	6.09	<=13	Pass
	1909.3	6	0	4.89	<=13	Pass

4.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.08	<=13	Pass
	1880	15	0	5.29	<=13	Pass
	1908.5	15	0	4.51	<=13	Pass
16QAM	1851.5	15	0	5.96	<=13	Pass
	1880	15	0	6.13	<=13	Pass
	1908.5	15	0	5.48	<=13	Pass

4.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.18	<=13	Pass
	1880	25	0	5.30	<=13	Pass
	1907.5	25	0	4.87	<=13	Pass
16QAM	1852.5	25	0	5.97	<=13	Pass
	1880	25	0	6.09	<=13	Pass
	1907.5	25	0	5.72	<=13	Pass

4.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.15	<=13	Pass
	1880	50	0	5.24	<=13	Pass
	1905	50	0	4.99	<=13	Pass
16QAM	1855	50	0	5.98	<=13	Pass
	1880	50	0	6.07	<=13	Pass
	1905	50	0	5.91	<=13	Pass

4.1.5 B2_15MHz

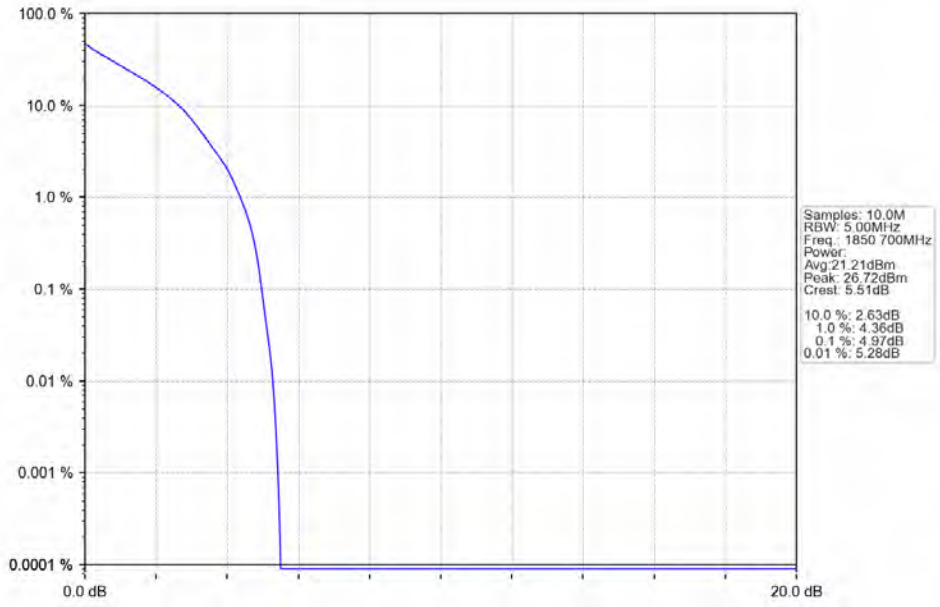
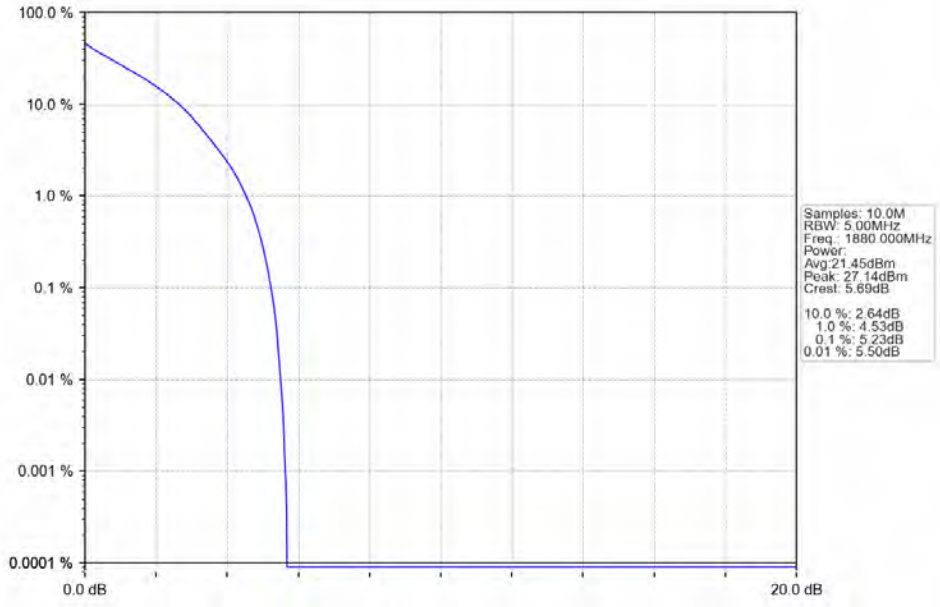
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.32	<=13	Pass
	1880	75	0	5.38	<=13	Pass
	1902.5	75	0	5.23	<=13	Pass
16QAM	1857.5	75	0	6.06	<=13	Pass
	1880	75	0	6.13	<=13	Pass
	1902.5	75	0	6.02	<=13	Pass

4.1.6 B2_20MHz

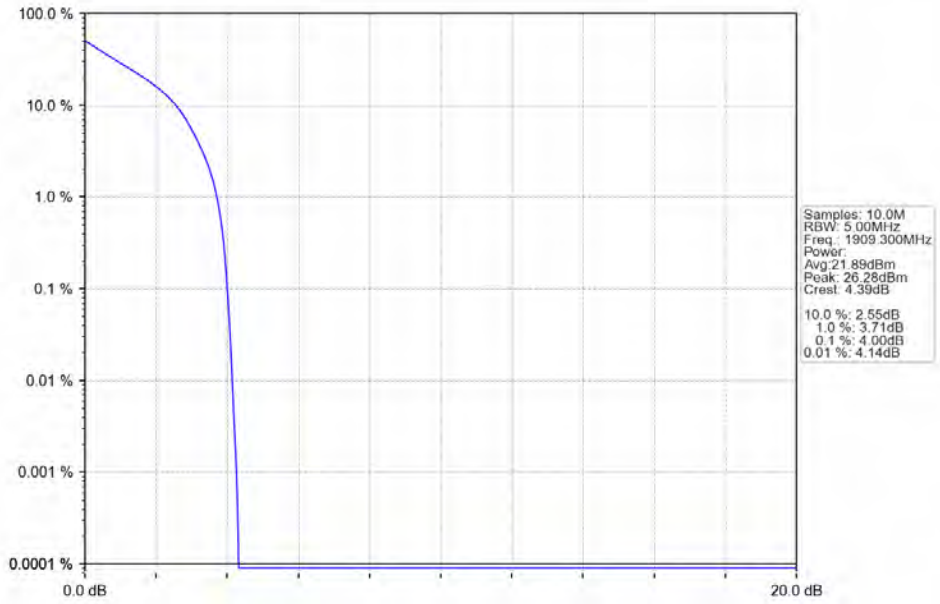
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.16	<=13	Pass
	1880	100	0	5.16	<=13	Pass
	1900	100	0	5.36	<=13	Pass
16QAM	1860	100	0	6.00	<=13	Pass
	1880	100	0	6.03	<=13	Pass
	1900	100	0	6.11	<=13	Pass

4.2 Test Graph

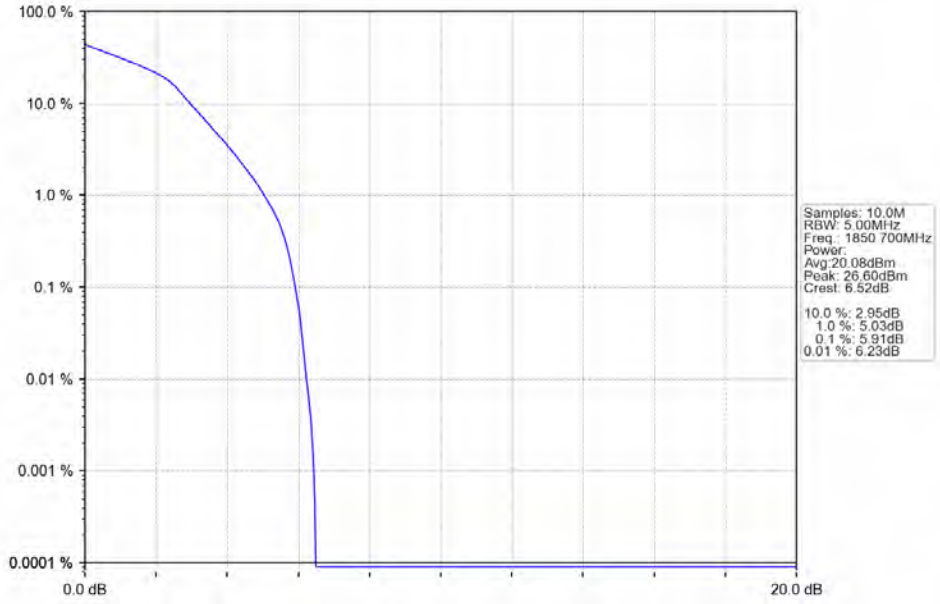
4.2.1 B2_1.4MHz

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV


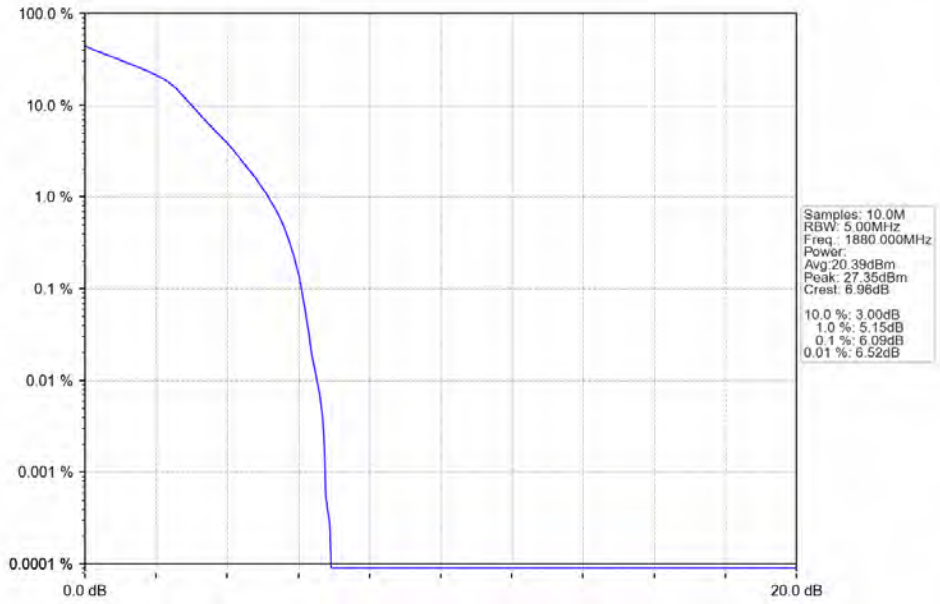
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



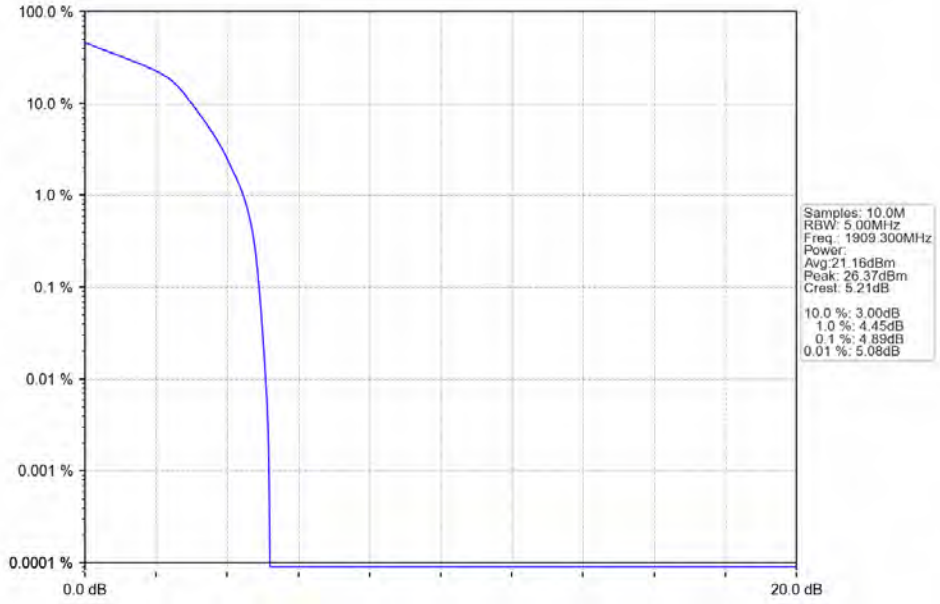
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



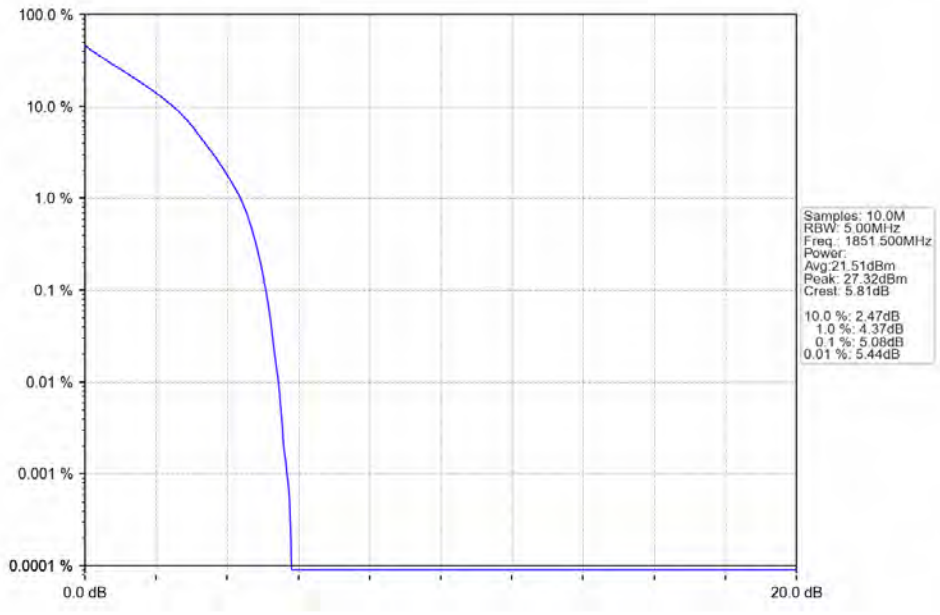
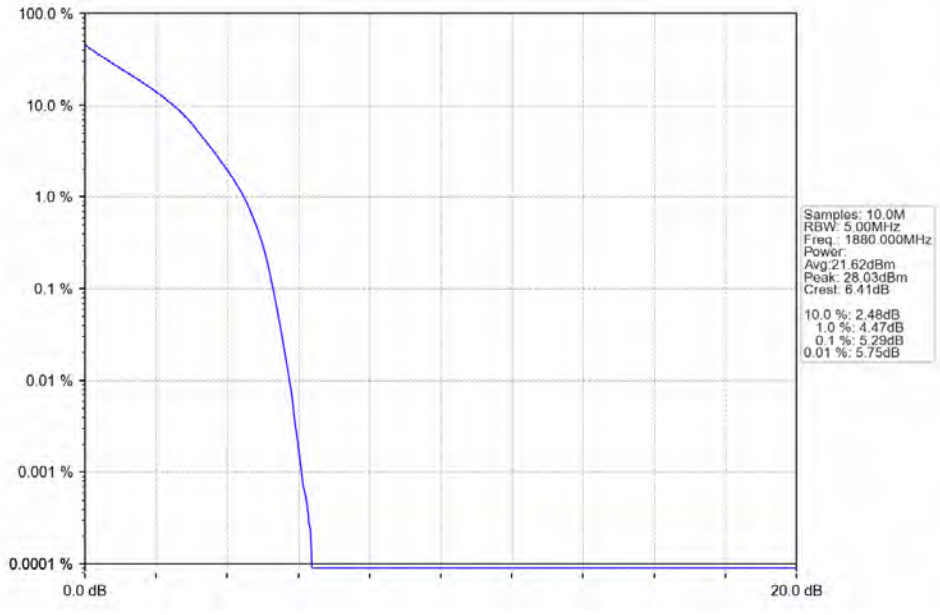
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



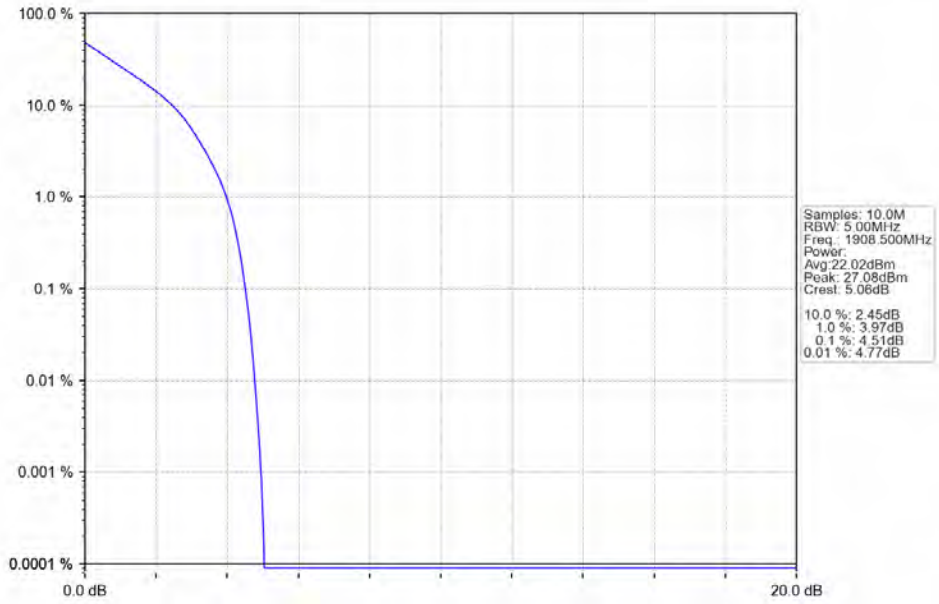
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



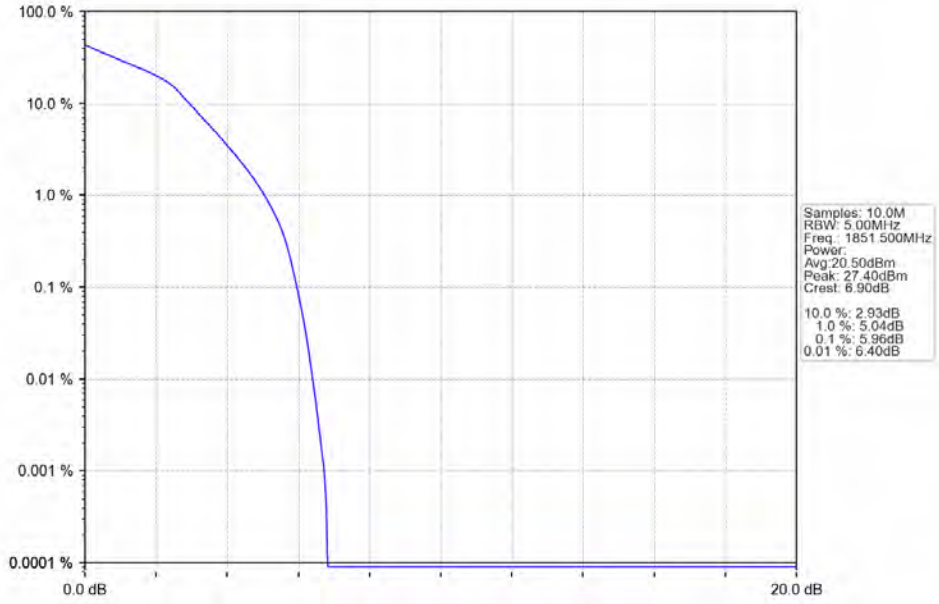
4.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV


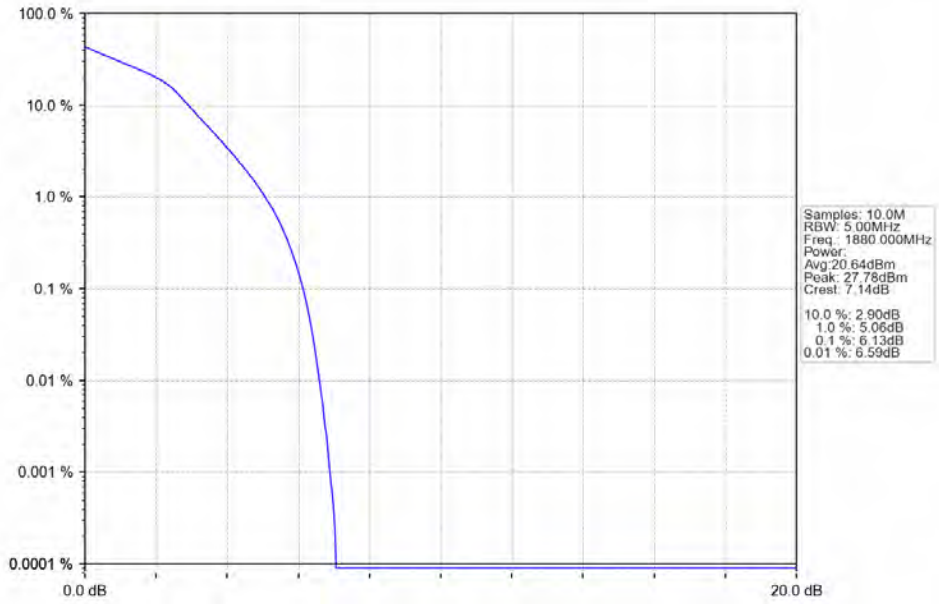
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



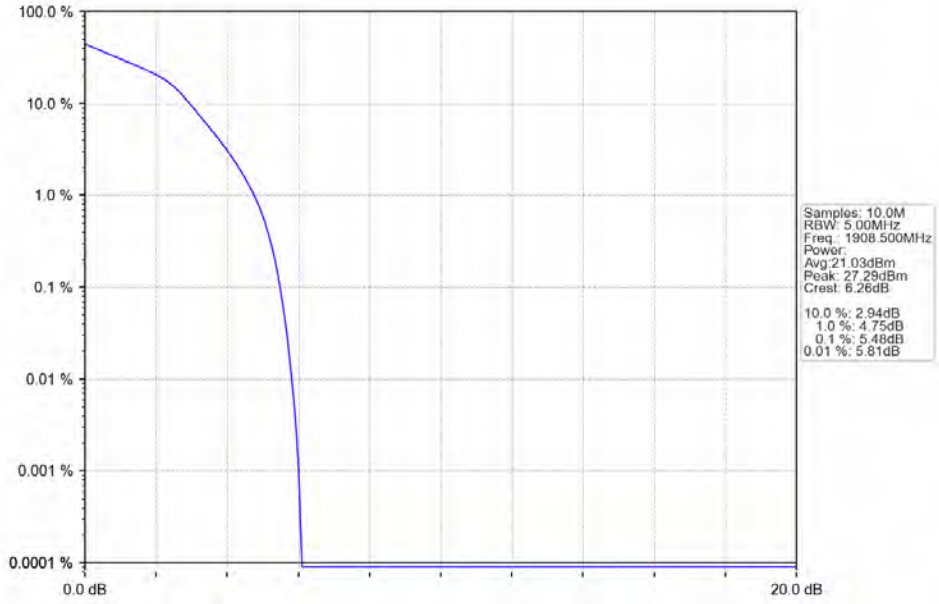
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



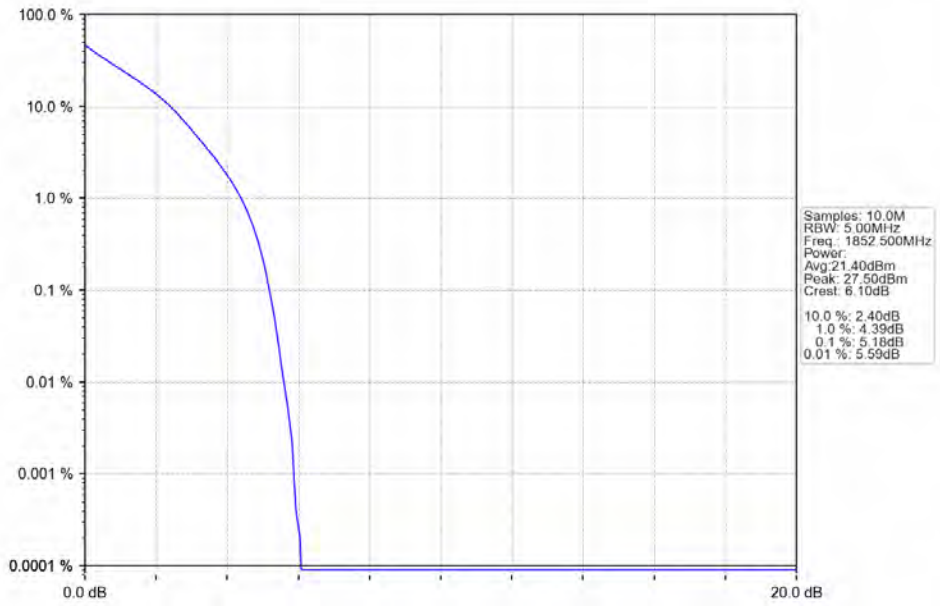
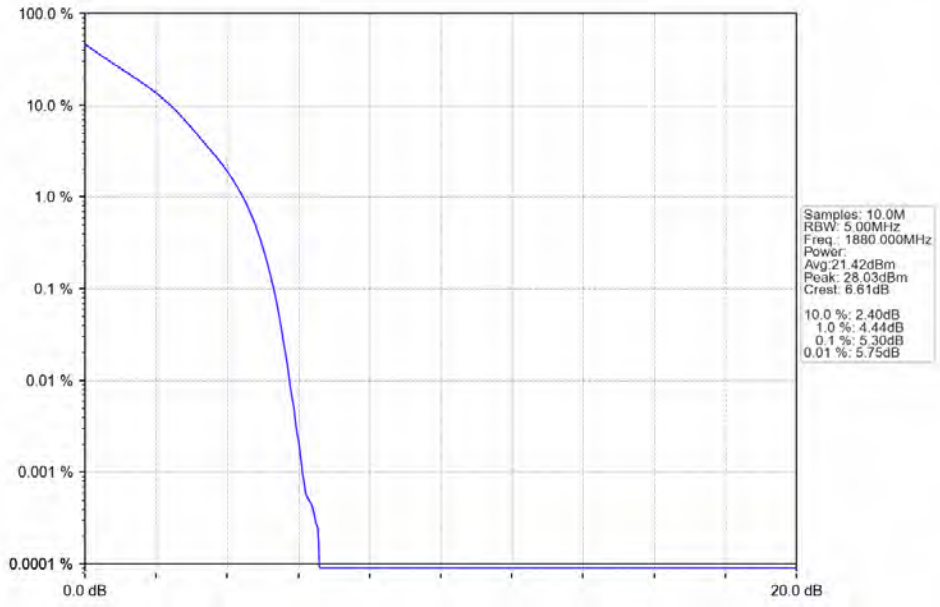
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



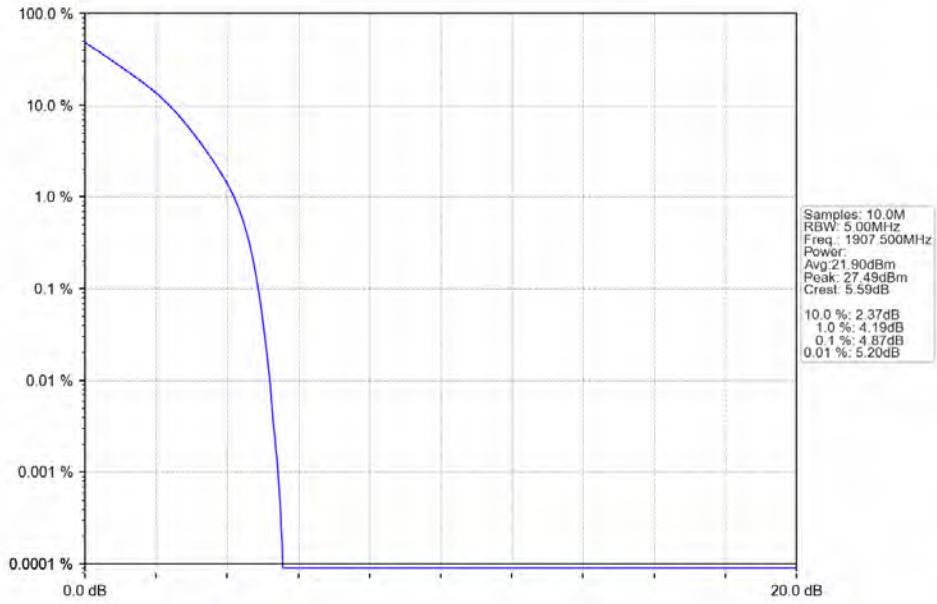
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



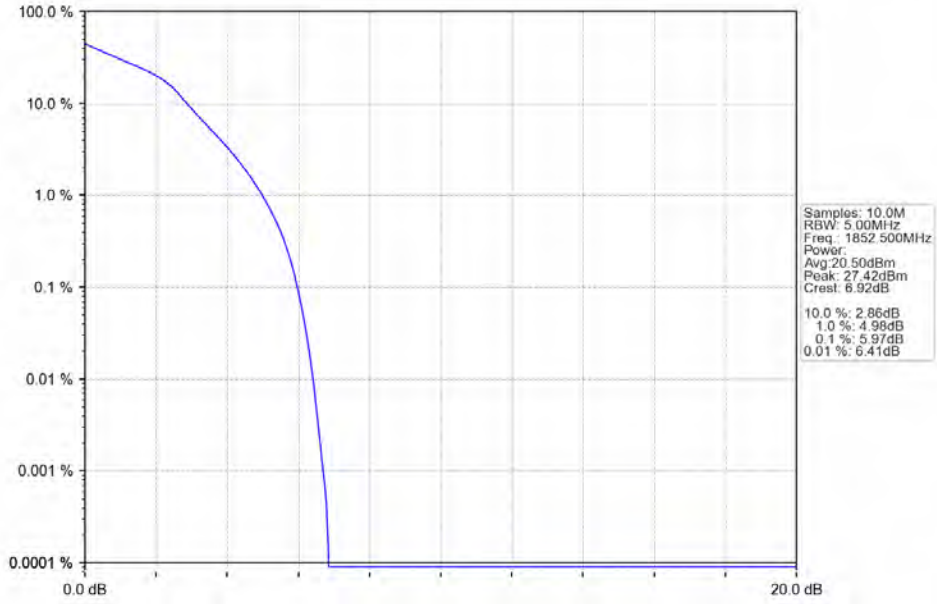
4.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV


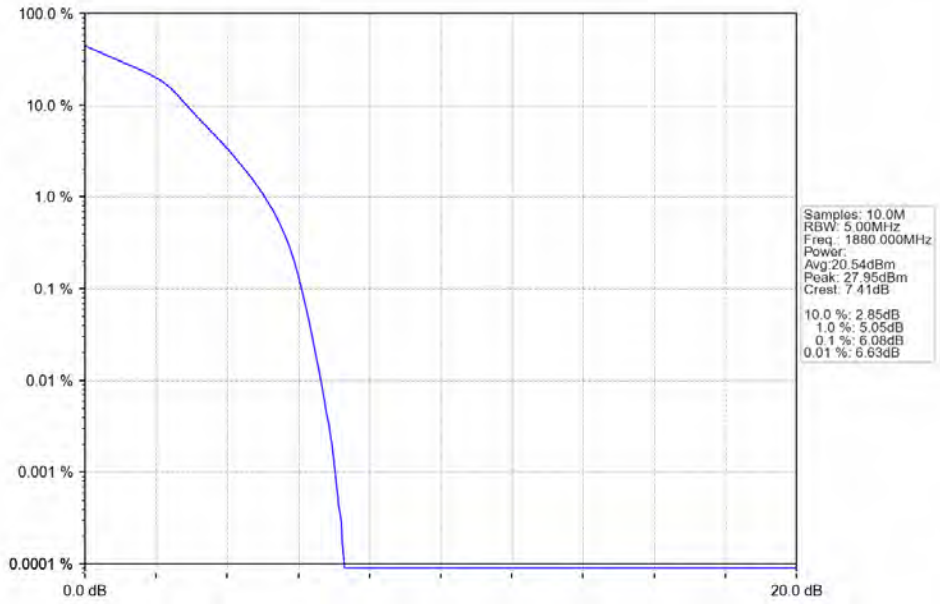
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



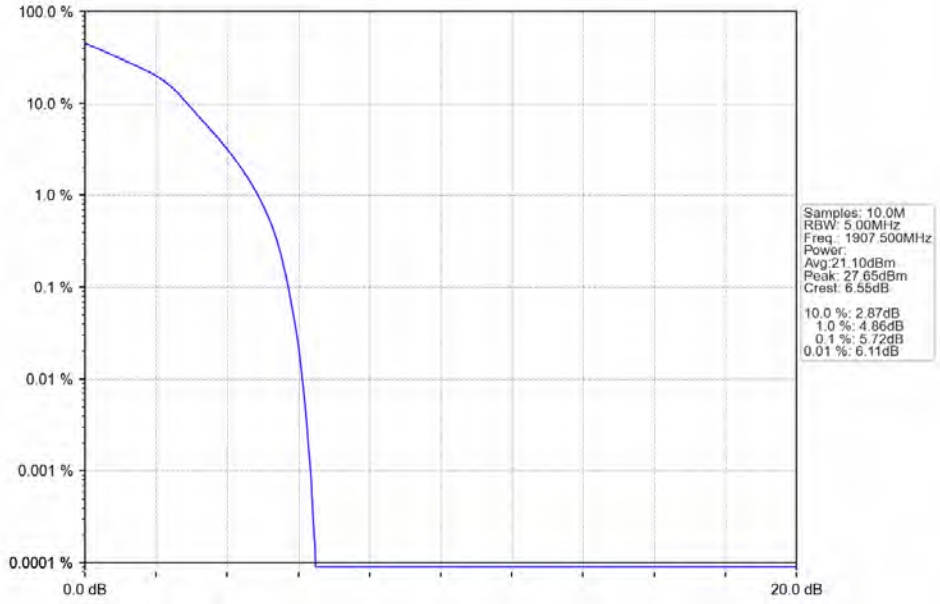
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



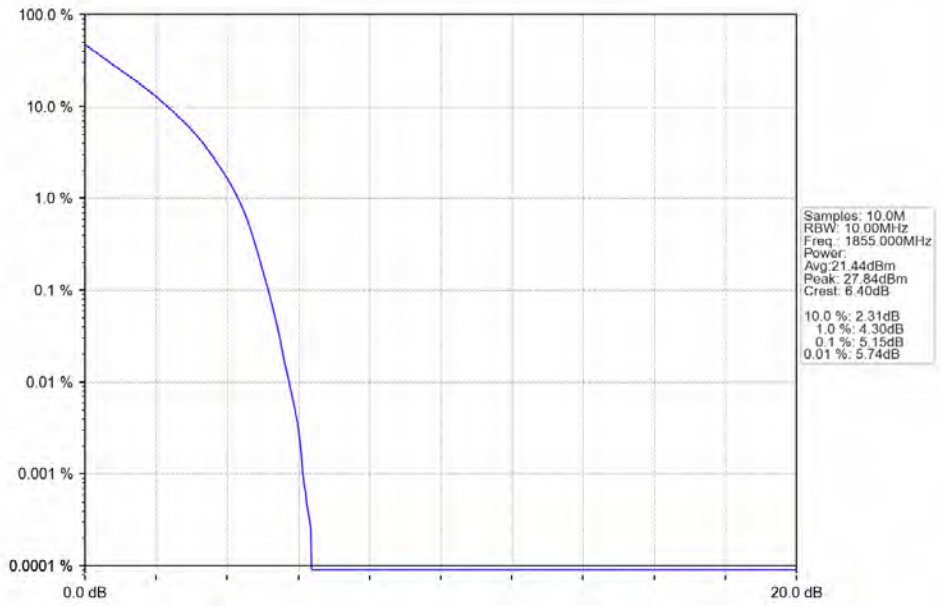
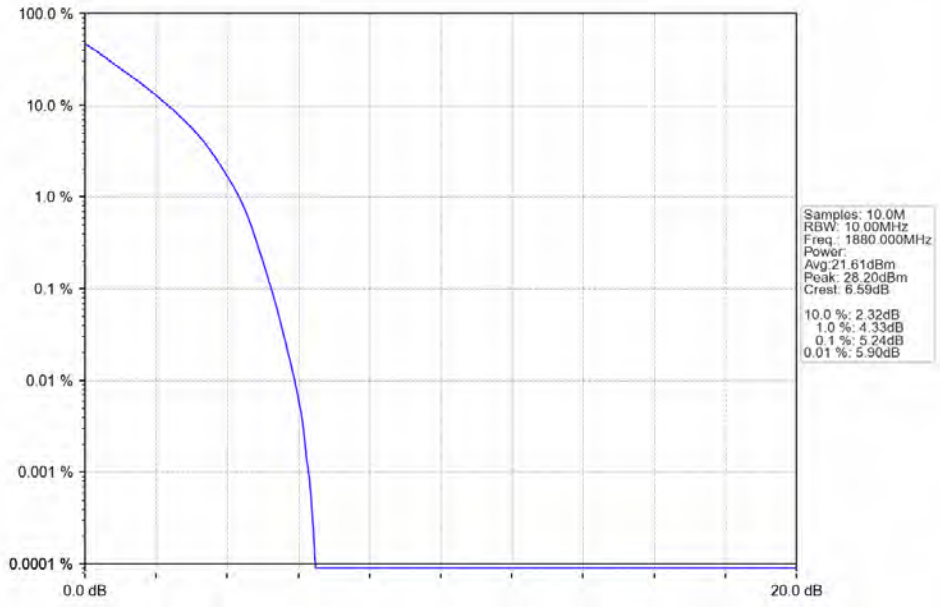
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



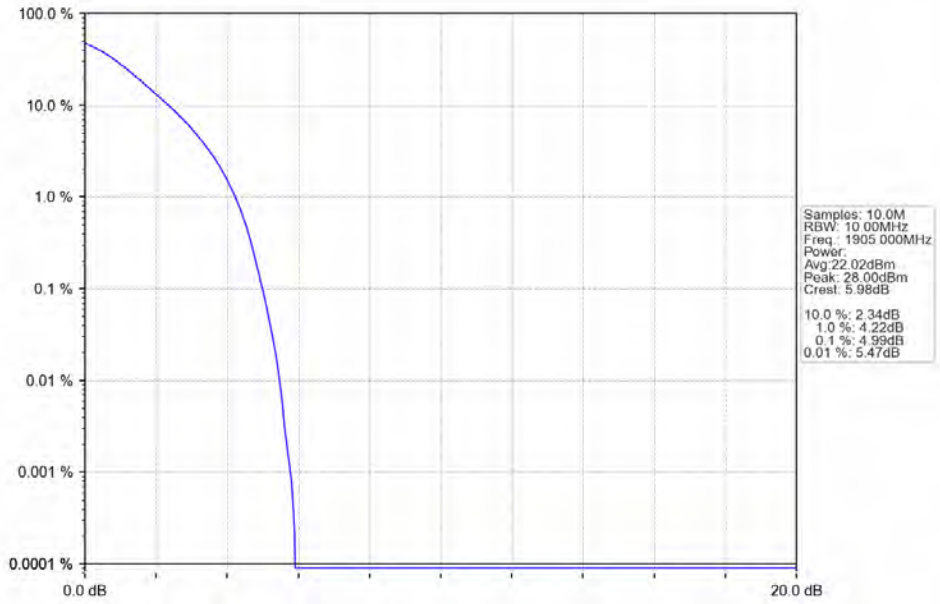
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



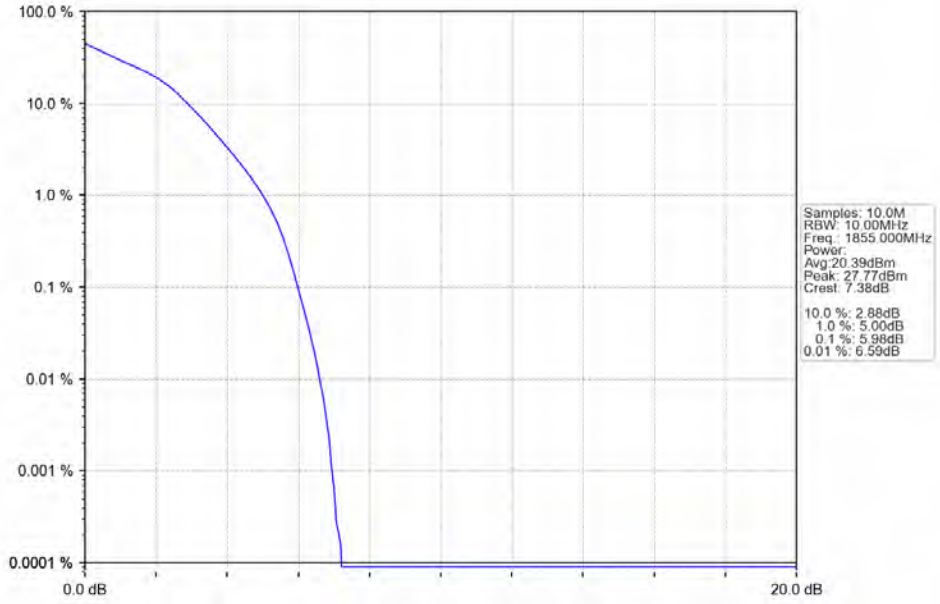
4.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV


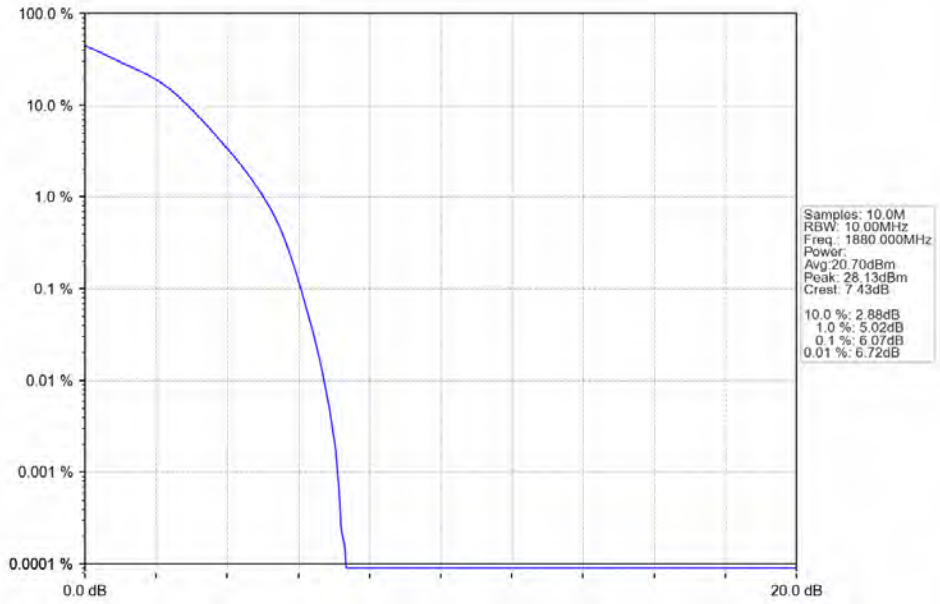
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



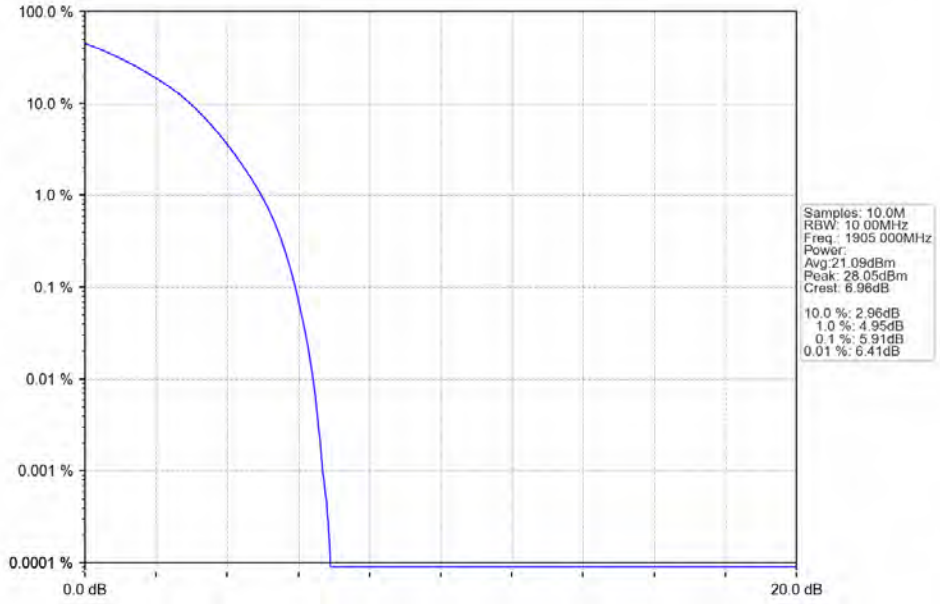
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



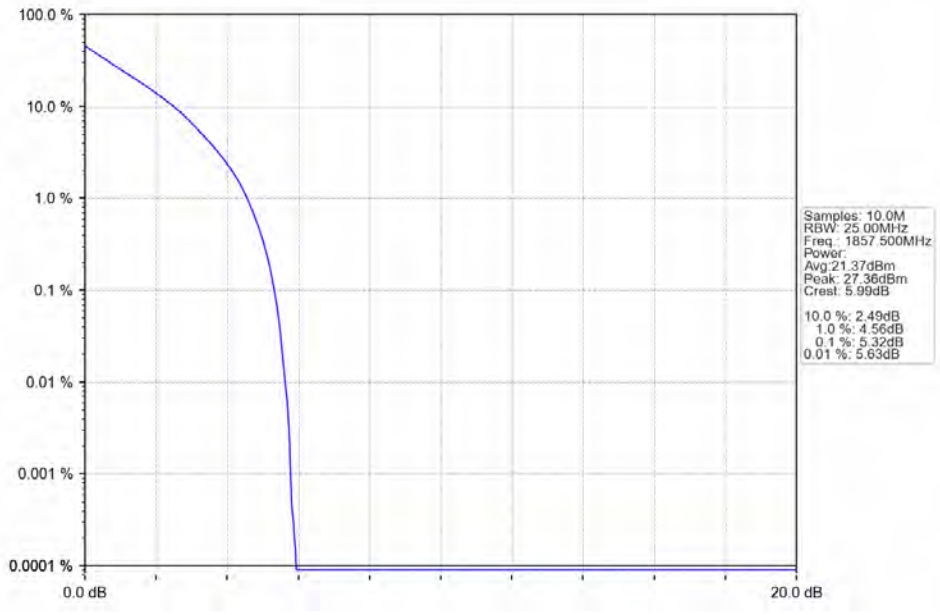
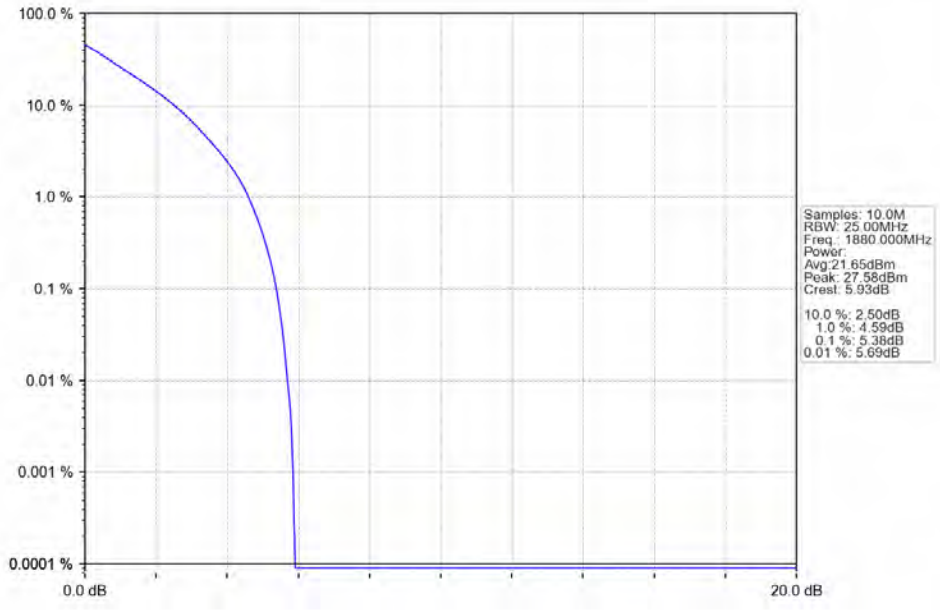
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



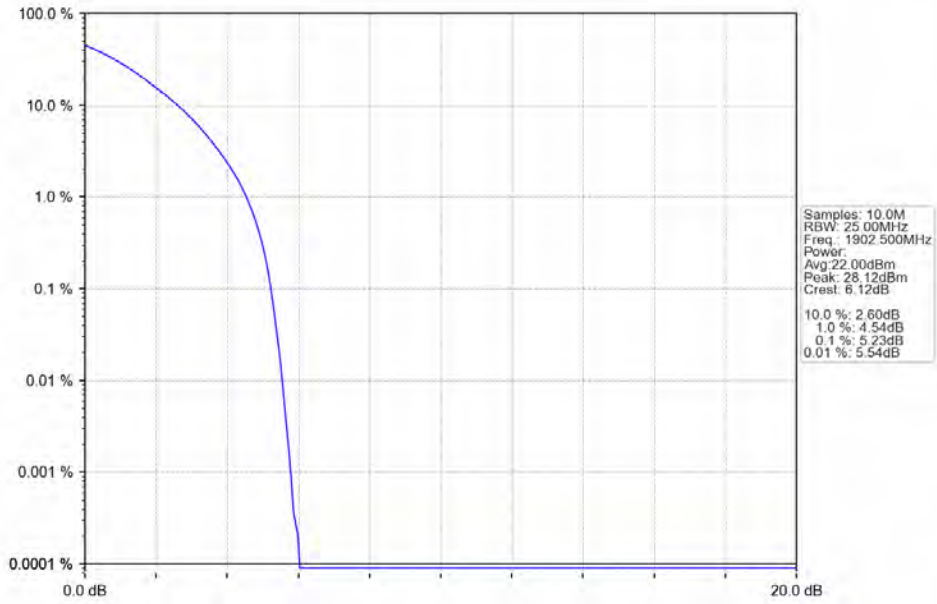
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



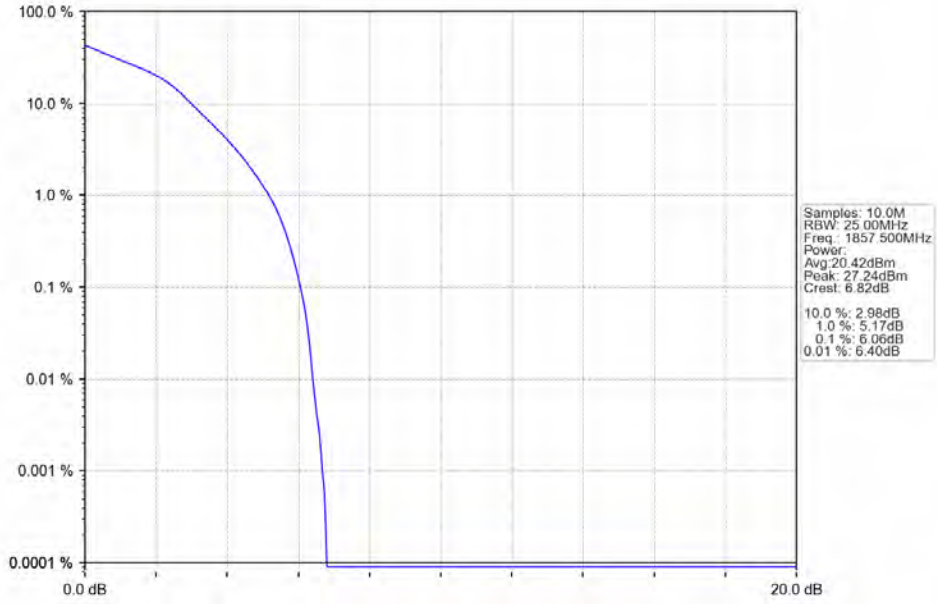
4.2.5 B2_15MHz

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV


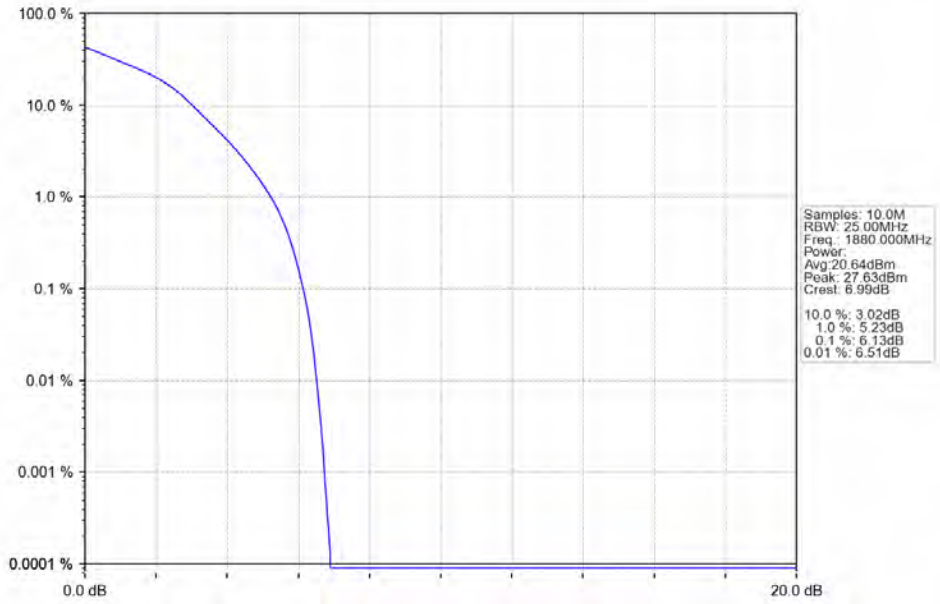
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



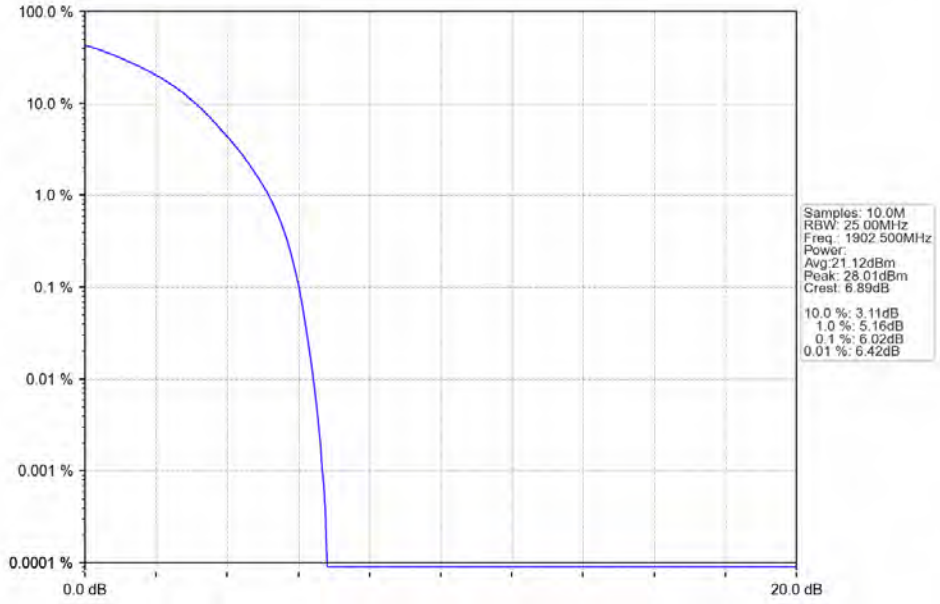
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



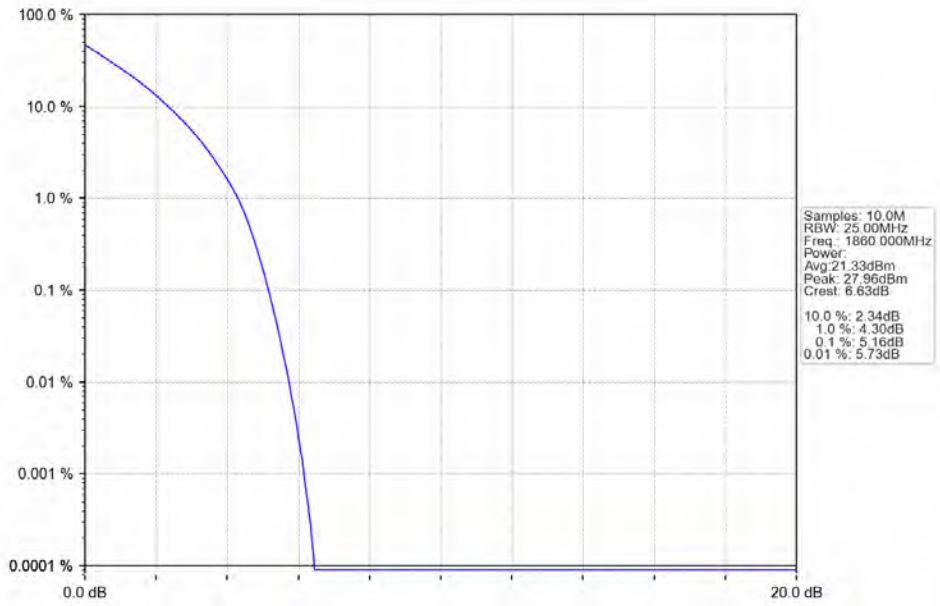
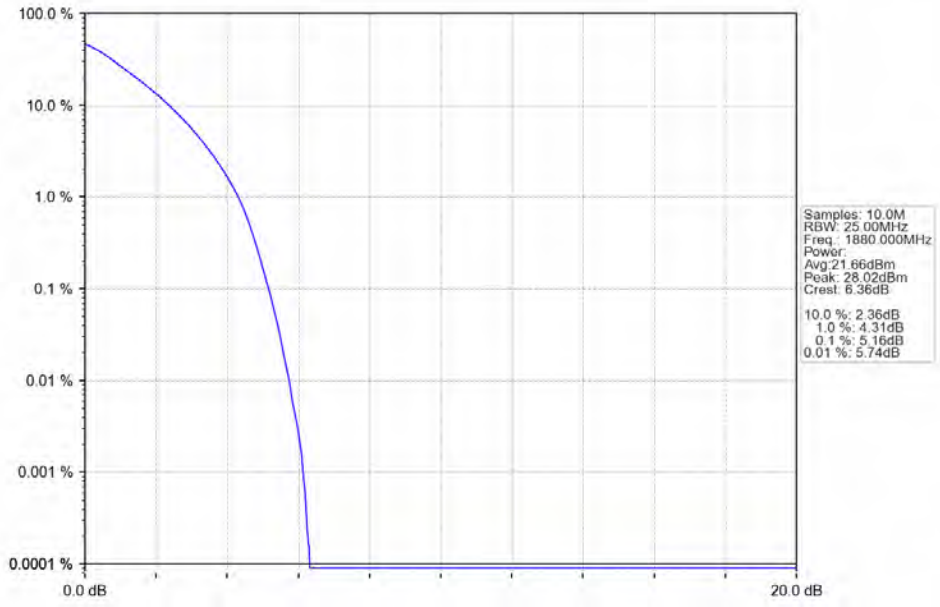
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



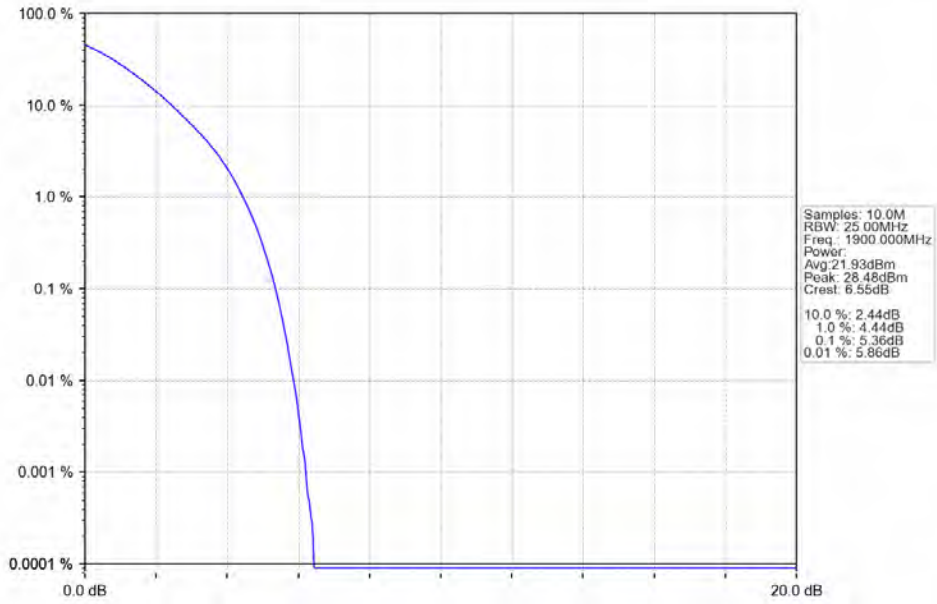
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



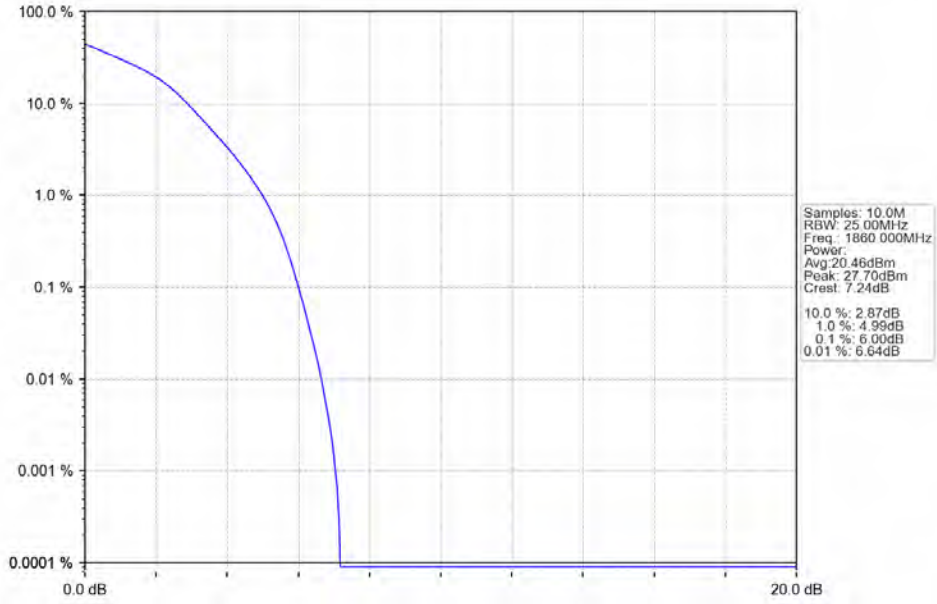
4.2.6 B2_20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV


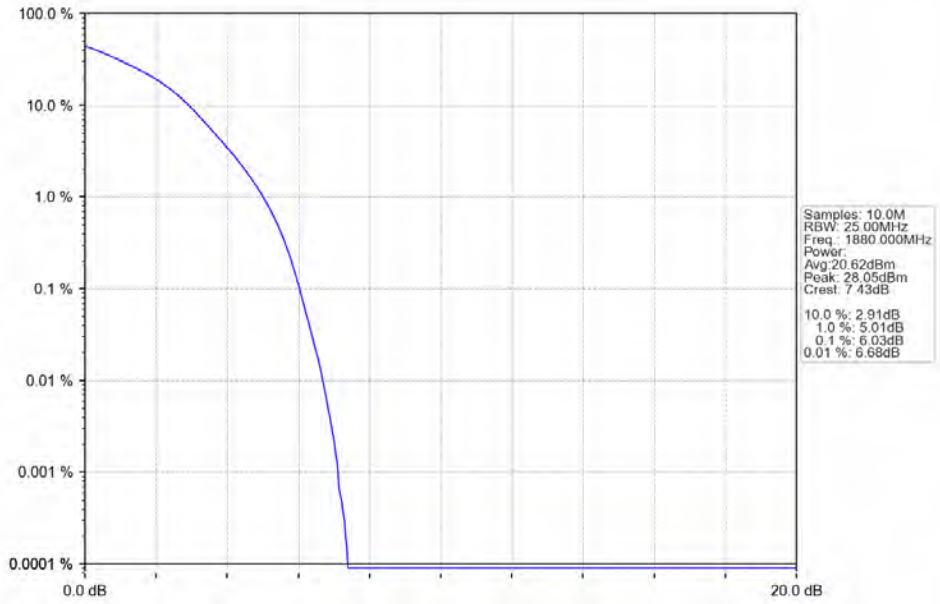
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



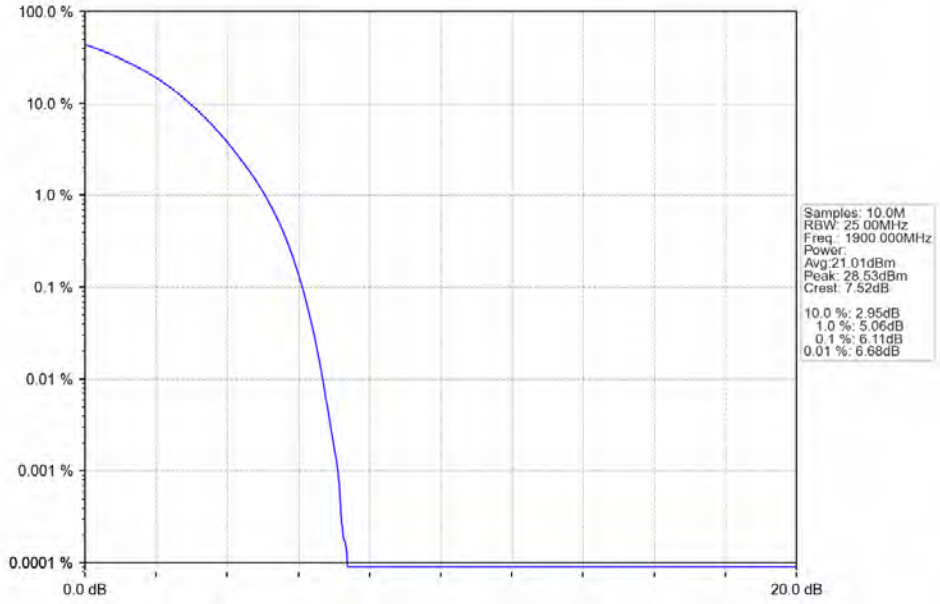
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

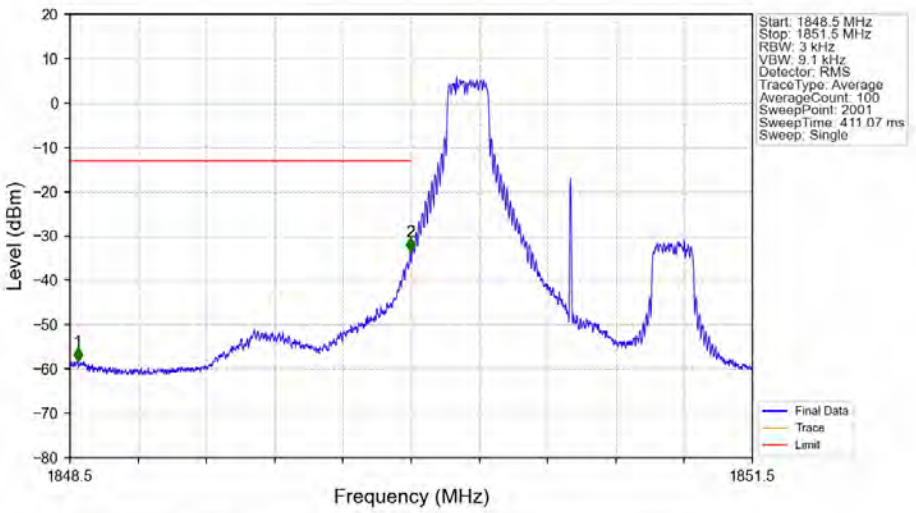
5.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

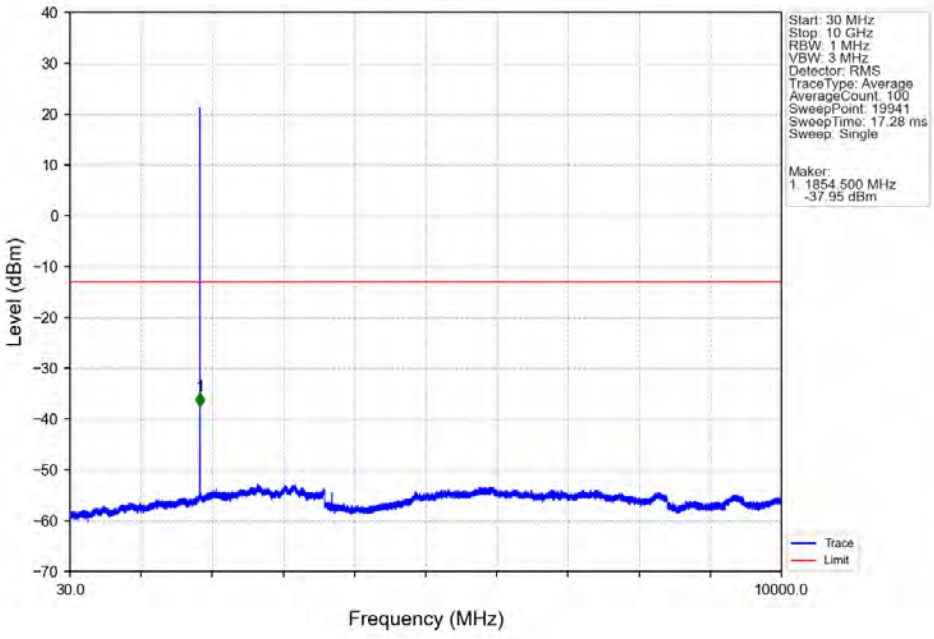
5.2.1 B2_1.4MHz

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

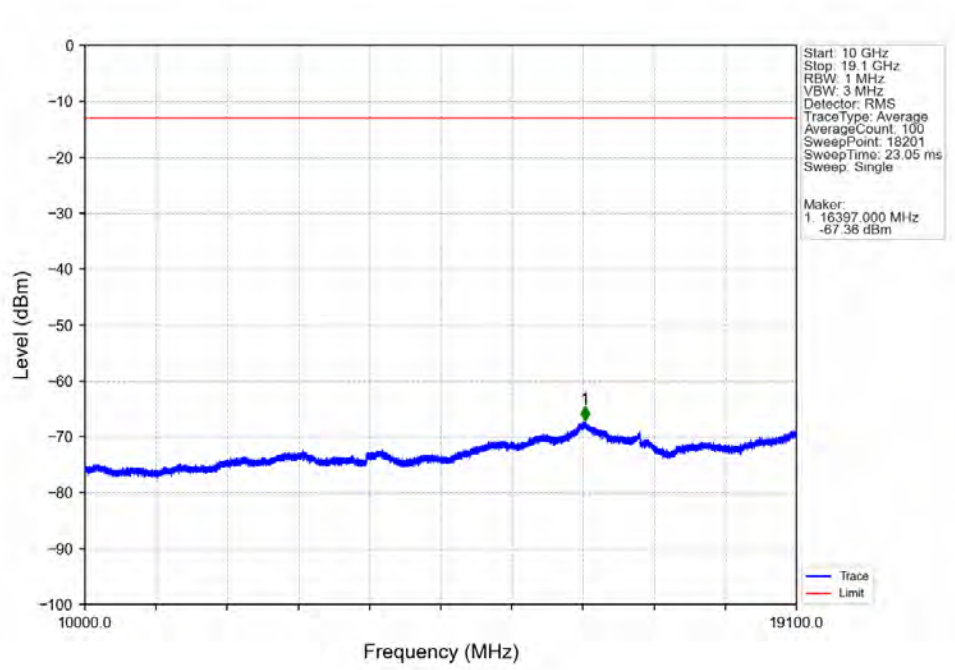


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.534	-58.24	-13	Pass
1849	1850	0.003	/	2	1849.995	-33.47	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

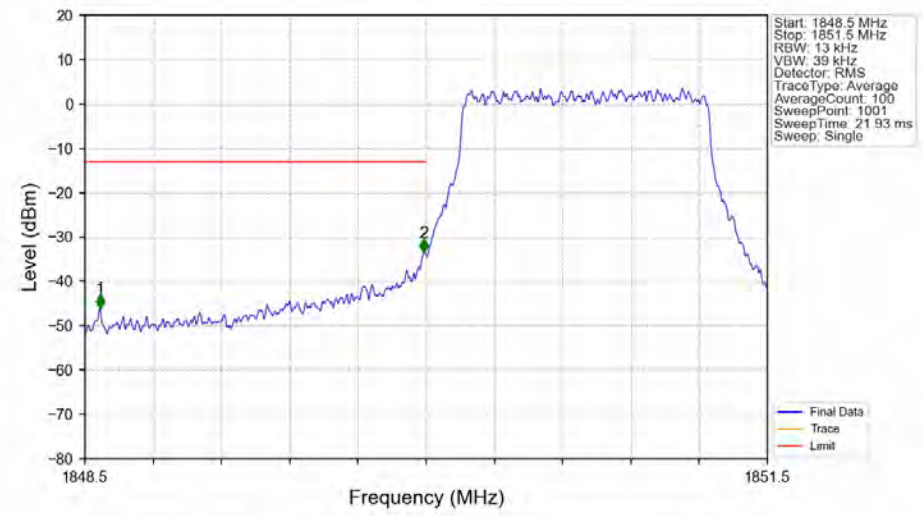
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



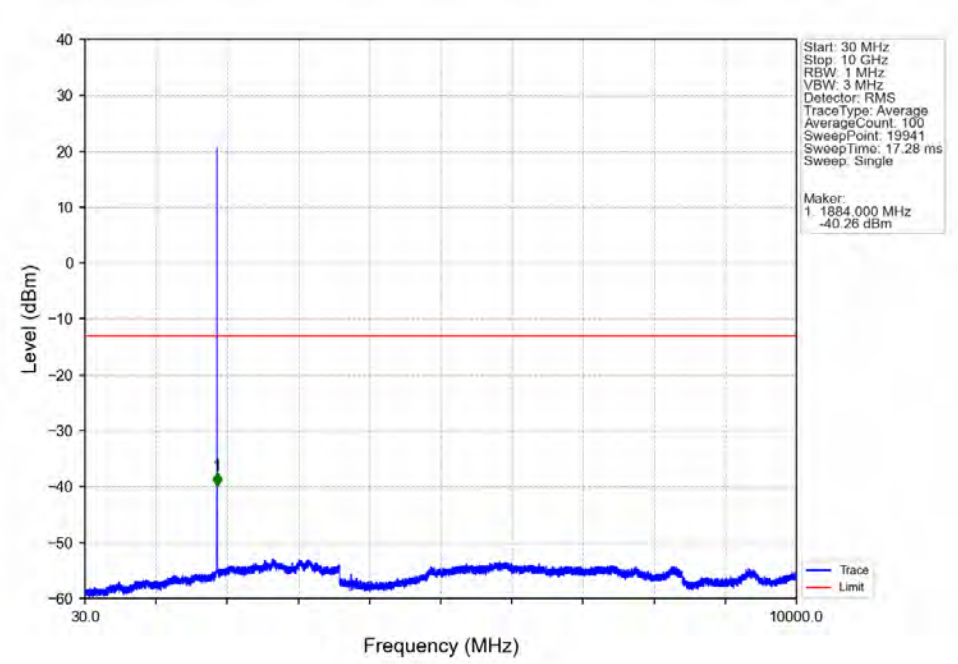
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

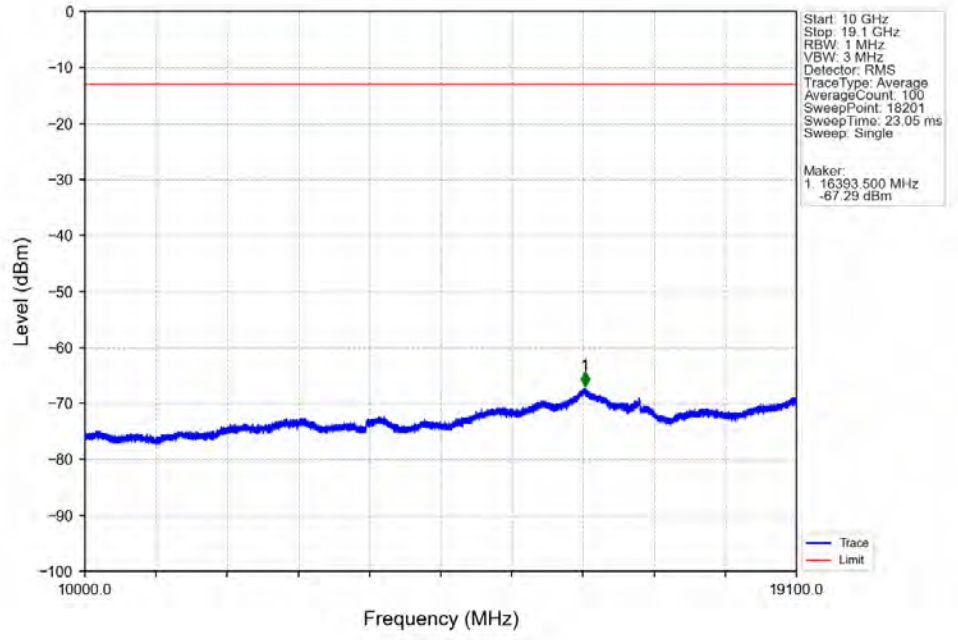


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

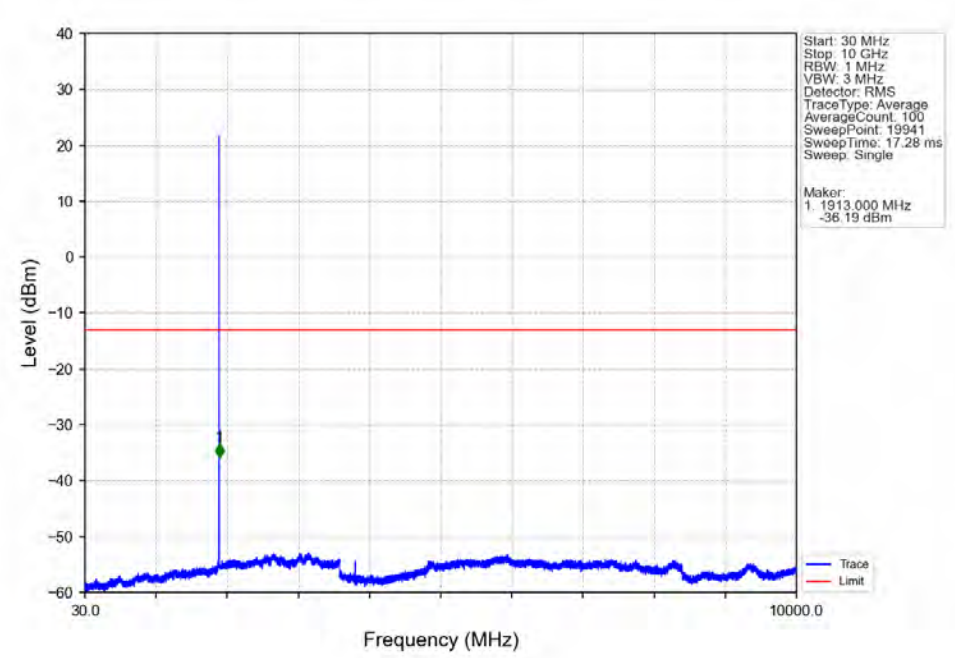


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.566	-46.04	-13	Pass
1849	1850	0.013	/	2	1849.991	-33.42	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

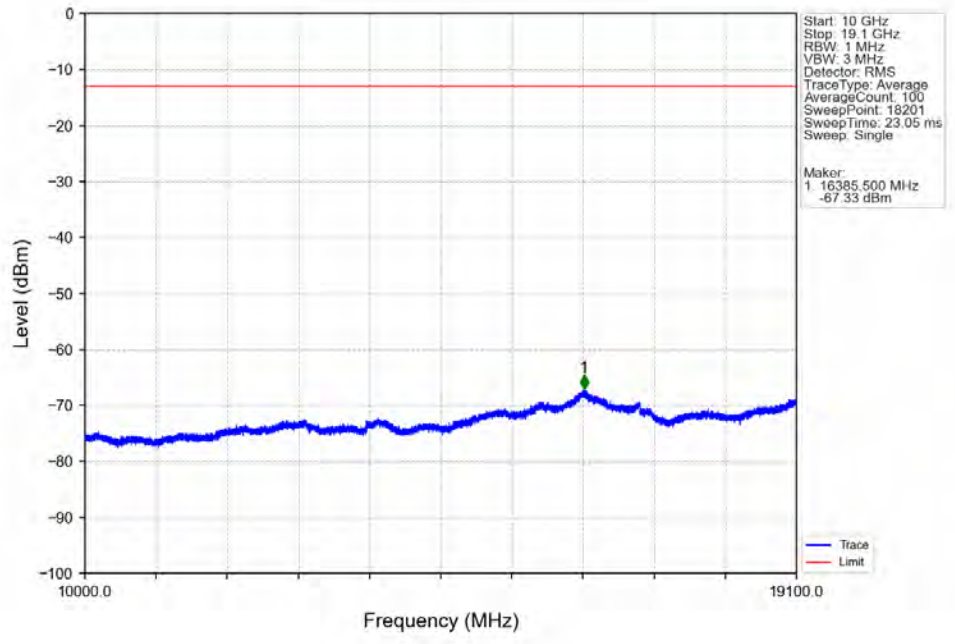
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV


Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV


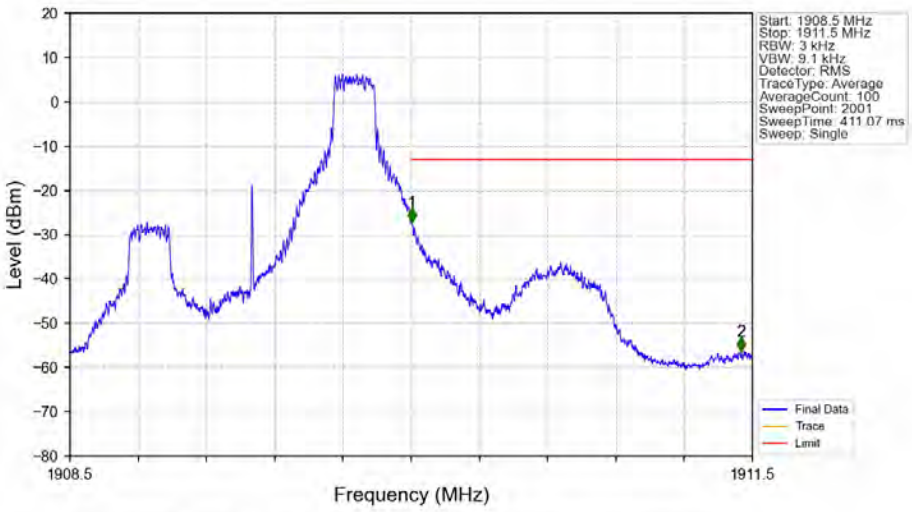
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

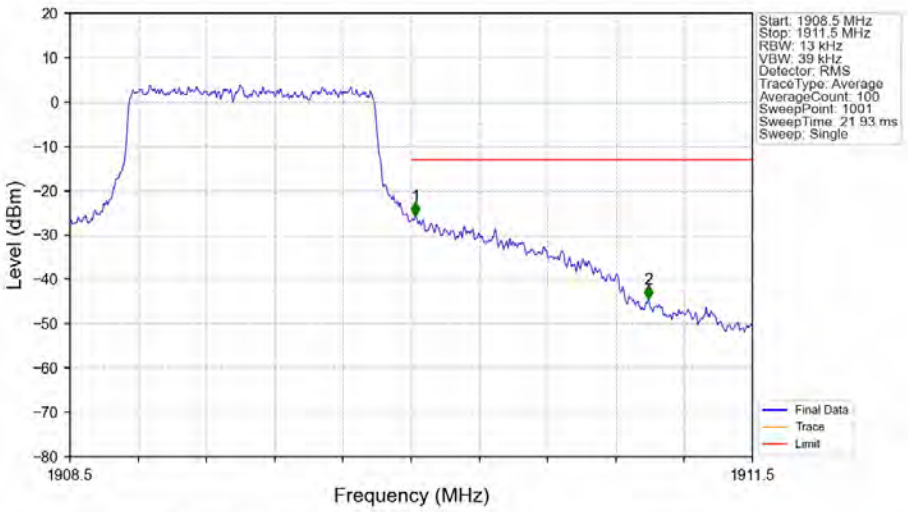


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-27.09	-13	Pass
1911	1911.5	1	/	2	1911.452	-56.22	-13	Pass

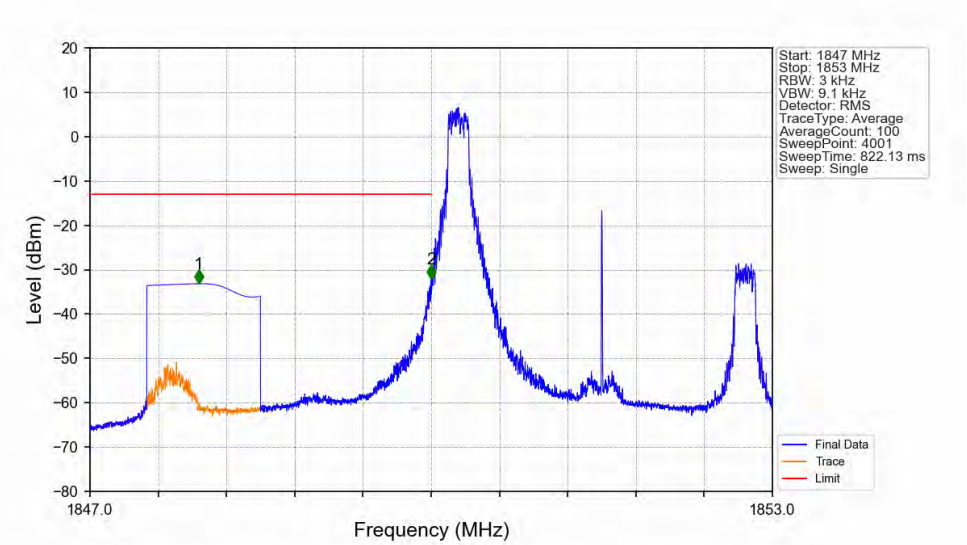
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.018	-25.60	-13	Pass
1911	1911.5	1	/	2	1911.044	-44.50	-13	Pass

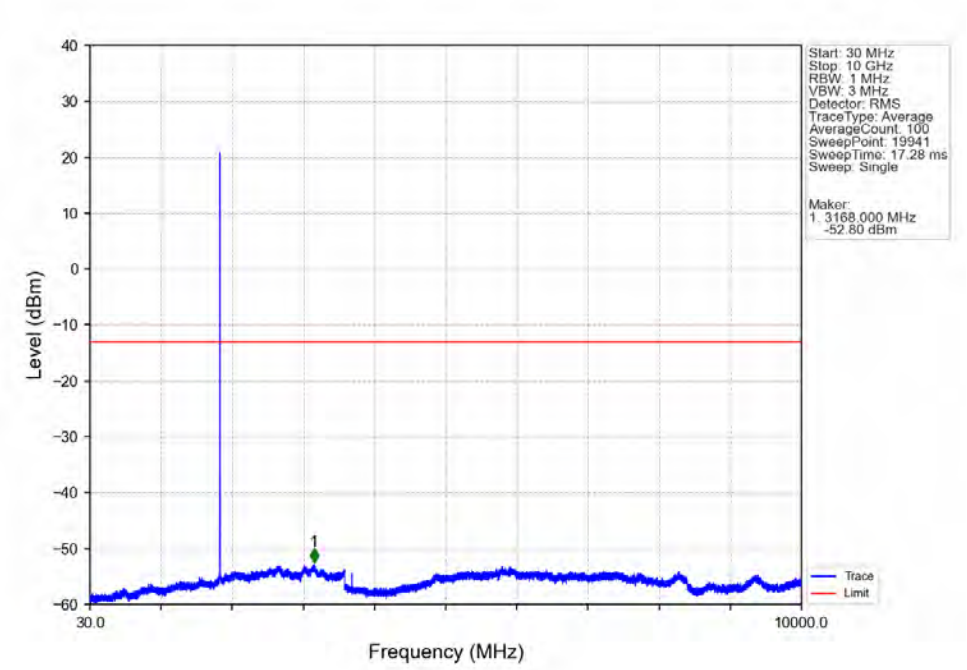
5.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

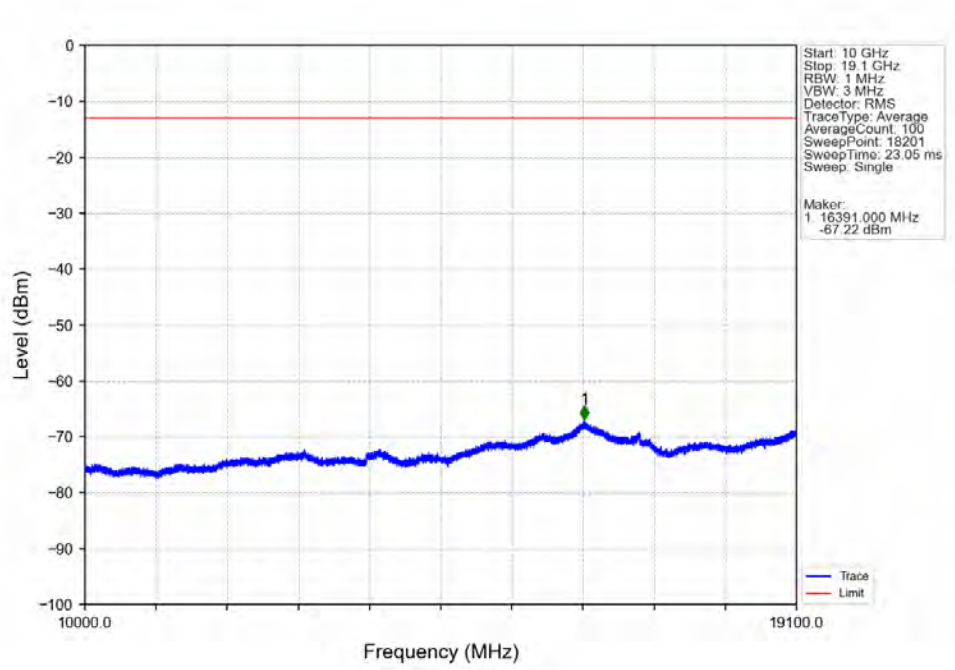


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.957	-33.17	-13	Pass
1849	1850	0.003	/	2	1849.998	-31.96	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

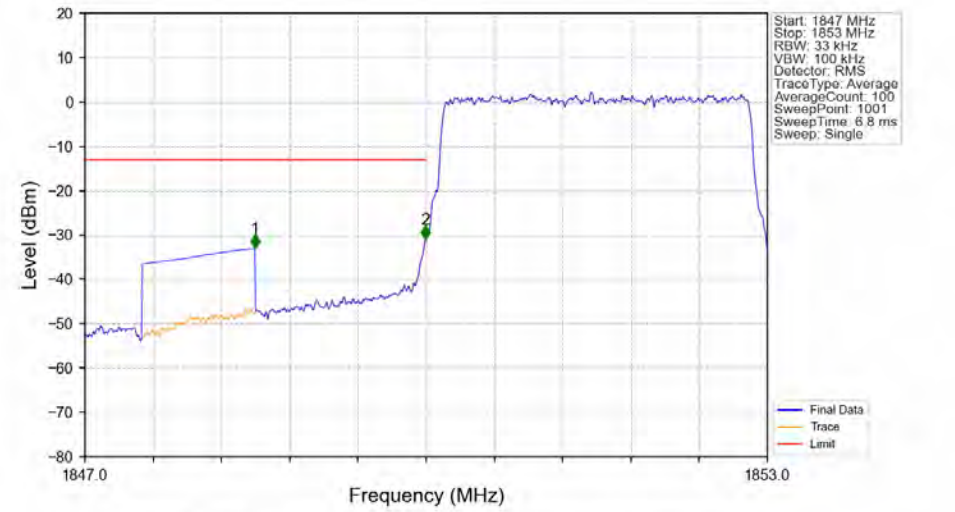
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

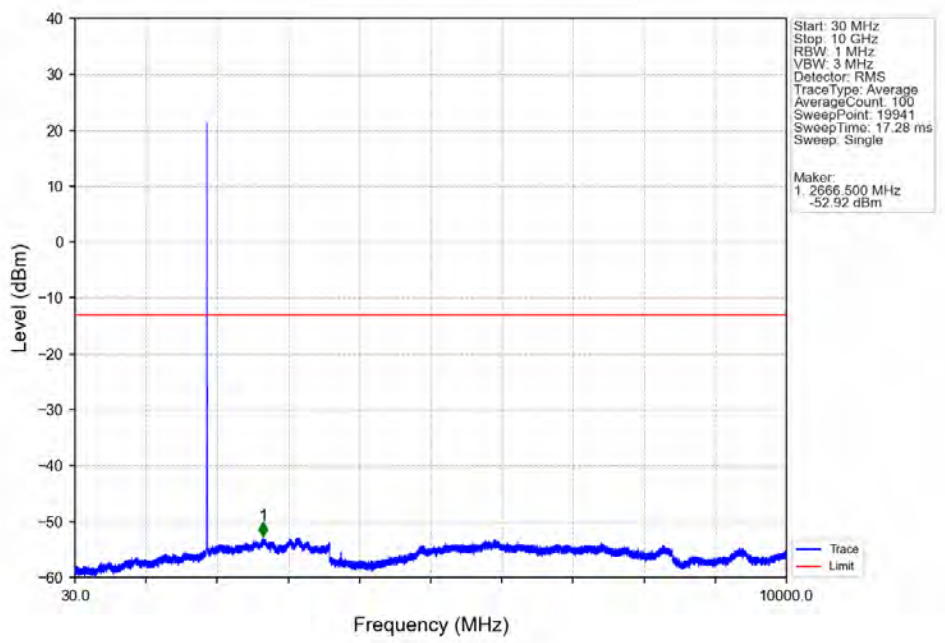


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

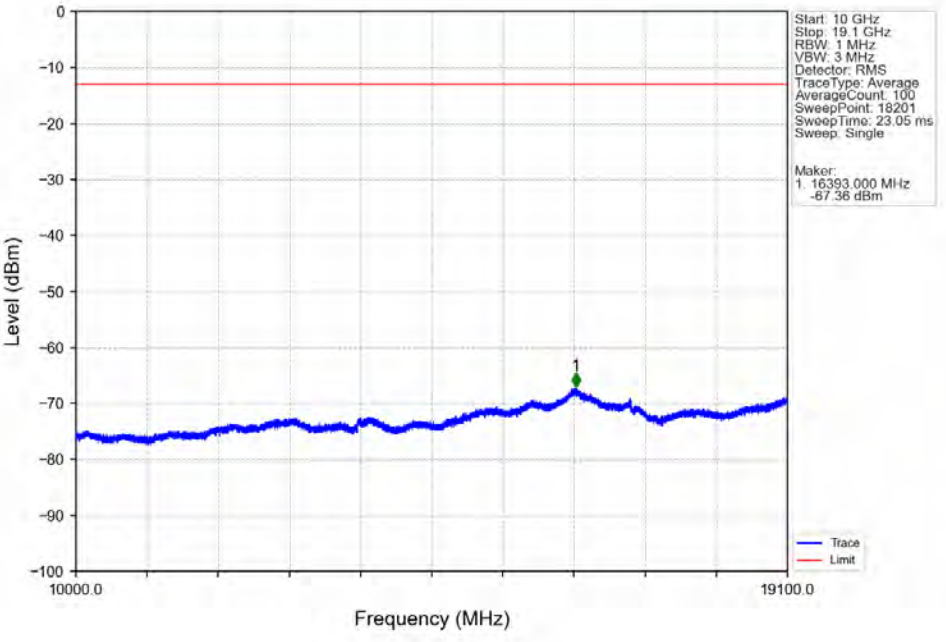


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-33.00	-13	Pass
1849	1850	0.033	/	2	1849.994	-30.90	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

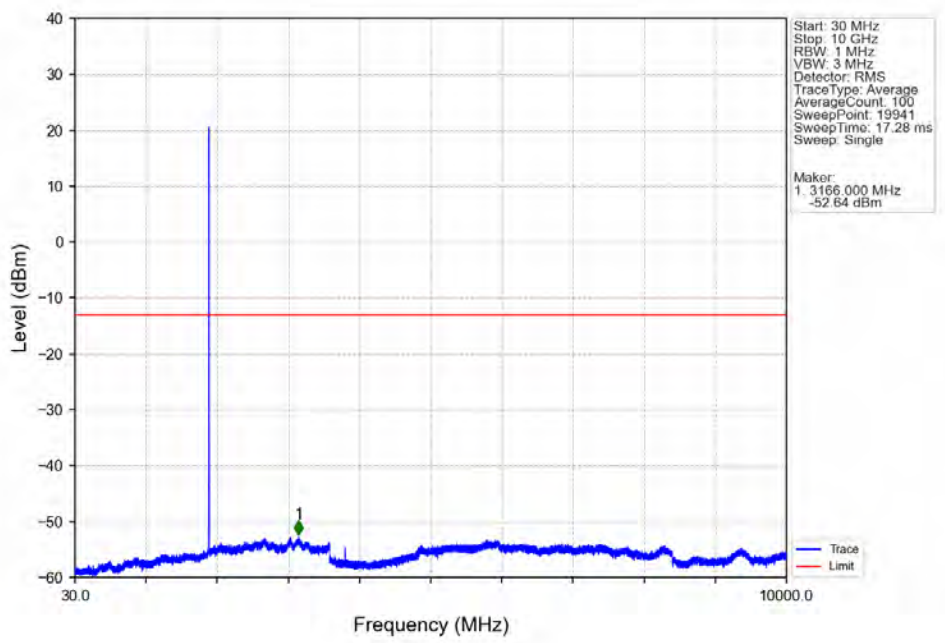
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



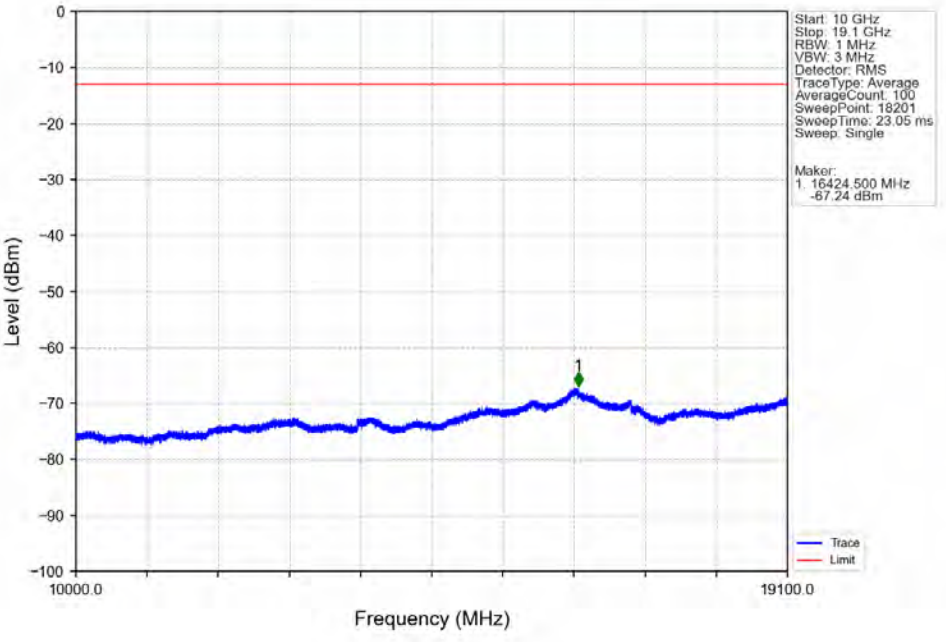
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



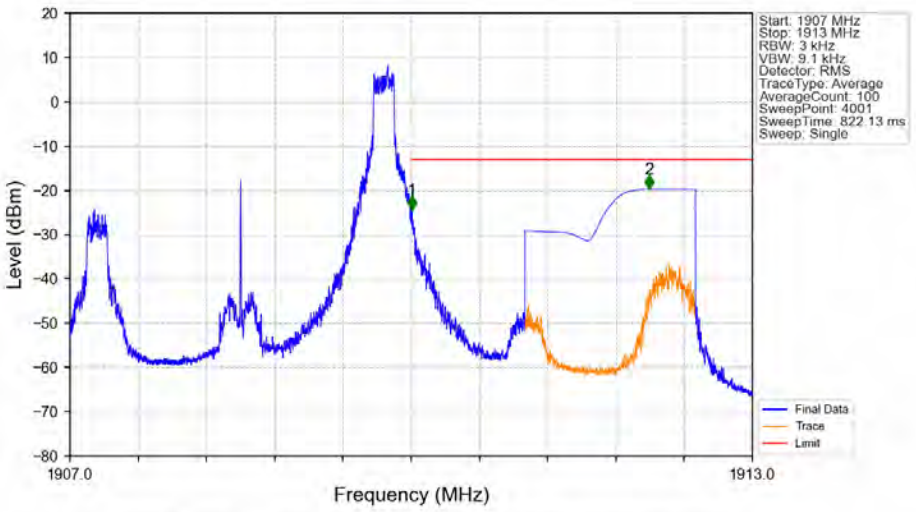
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

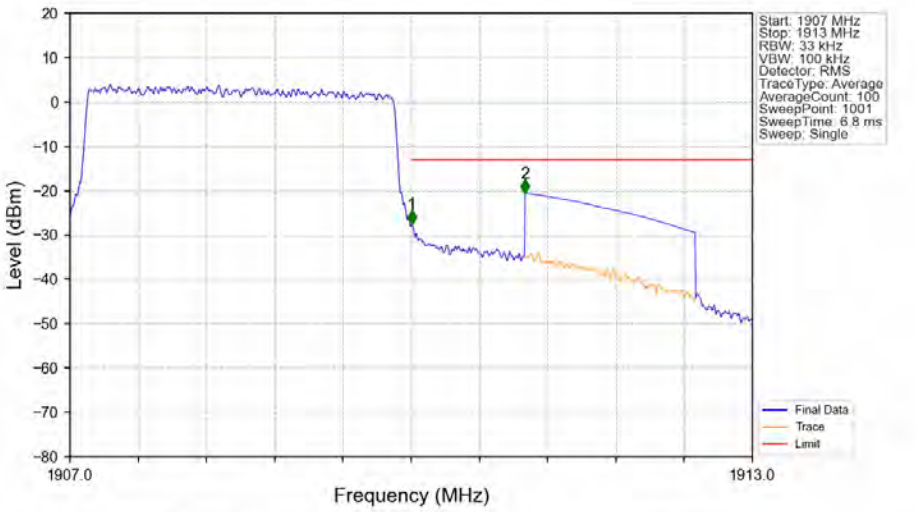


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.007	-24.34	-13	Pass
1911	1913	1	CHP	2	1912.091	-19.74	-13	Pass

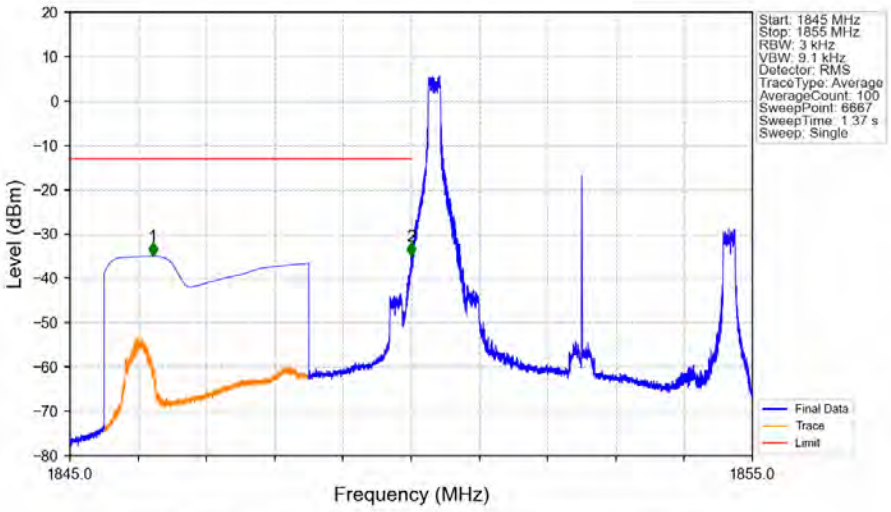
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.033	/	/	/	/	/	/
1910	1911	0.033	/	1	1910.006	-27.50	-13	Pass
1911	1913	1	CHP	2	1911.002	-20.52	-13	Pass

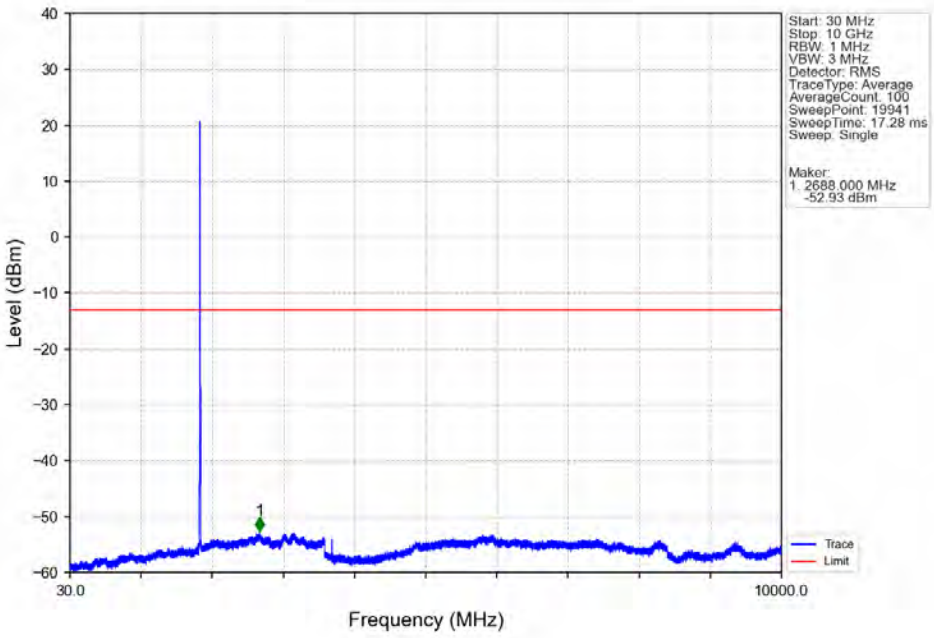
5.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

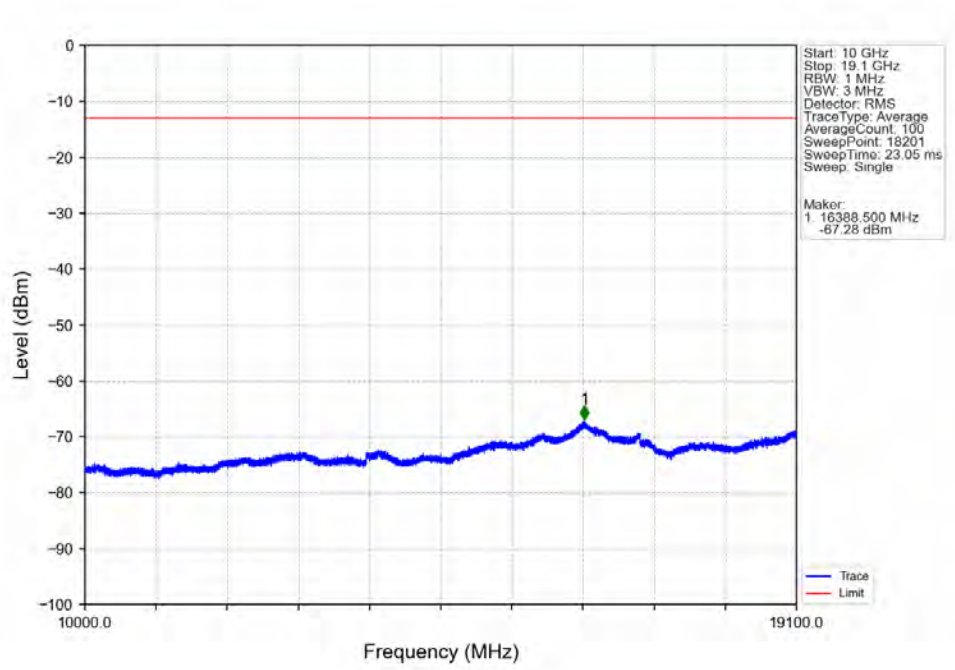


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1846.218	-35.00	-13	Pass
1849	1850	0.003	/	2	1849.998	-35.00	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

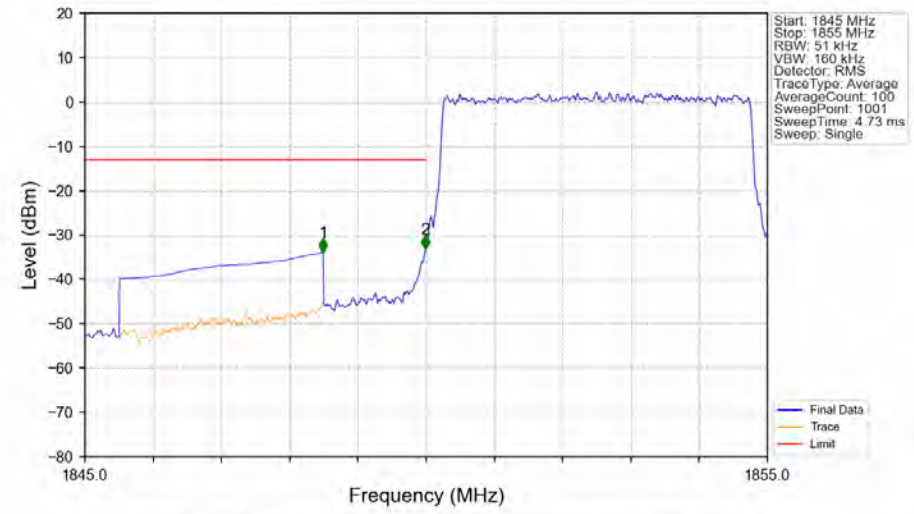
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

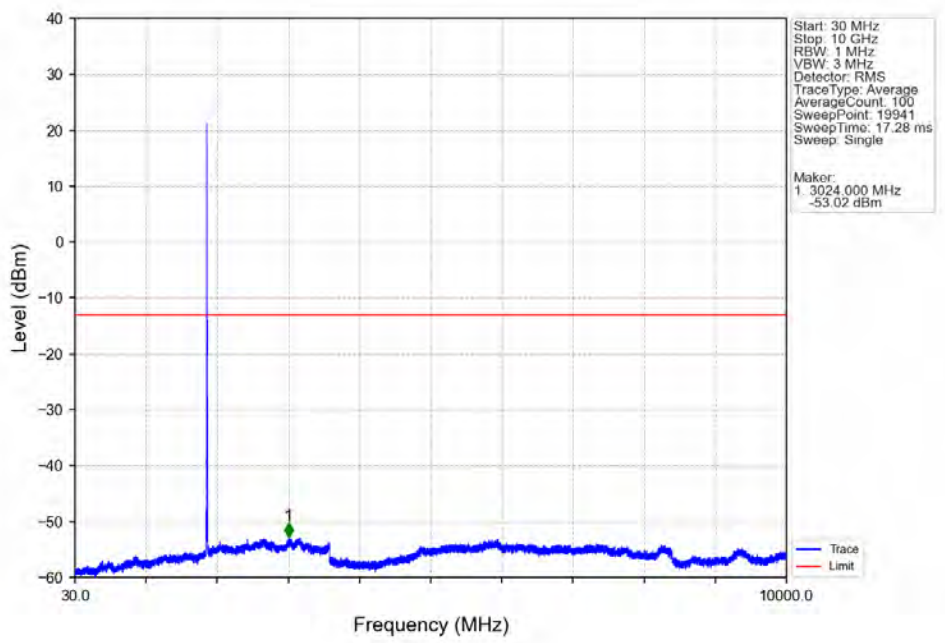


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

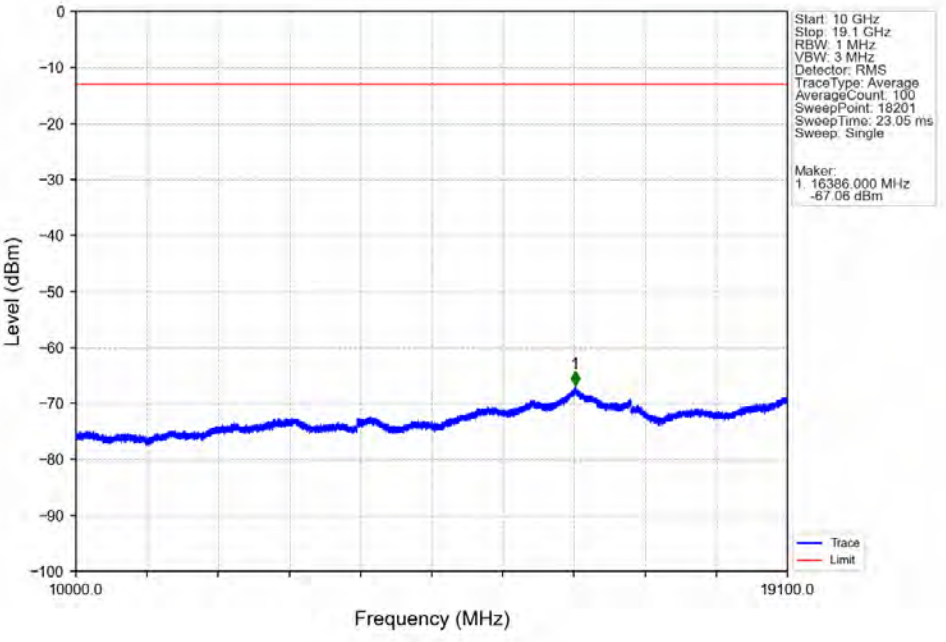


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-33.89	-13	Pass
1849	1850	0.051	/	2	1849.990	-33.14	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

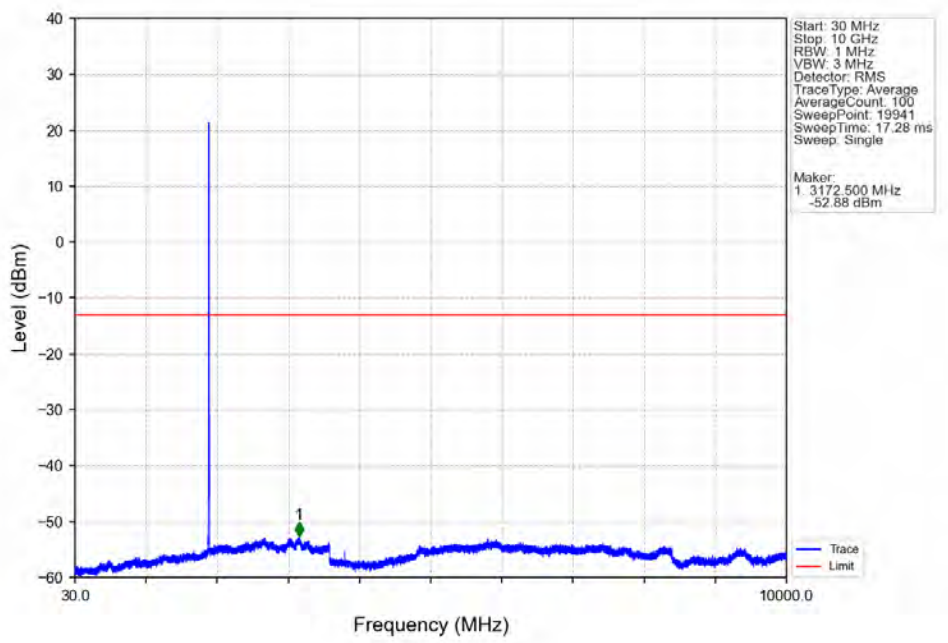
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



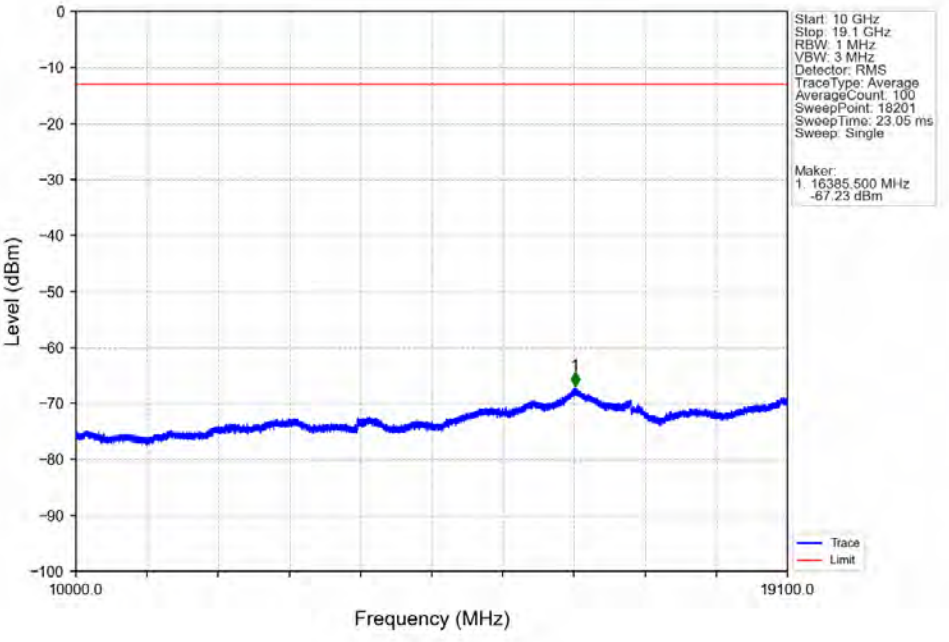
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



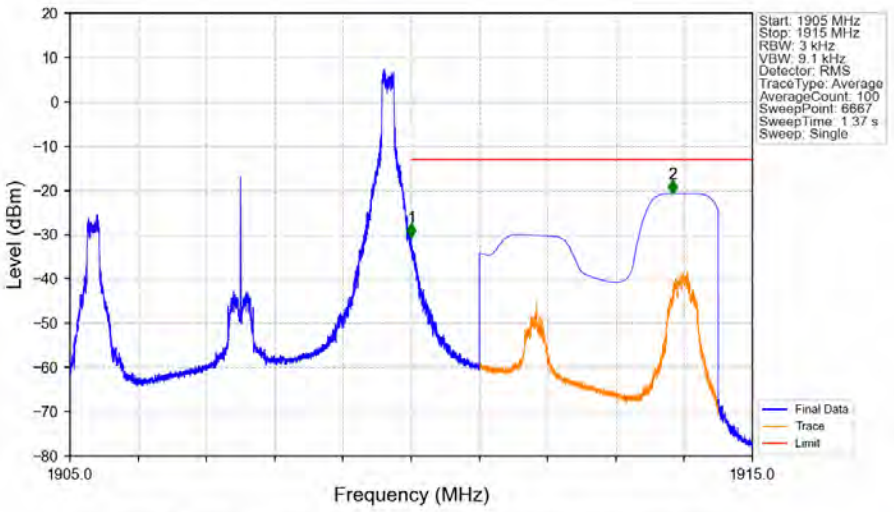
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

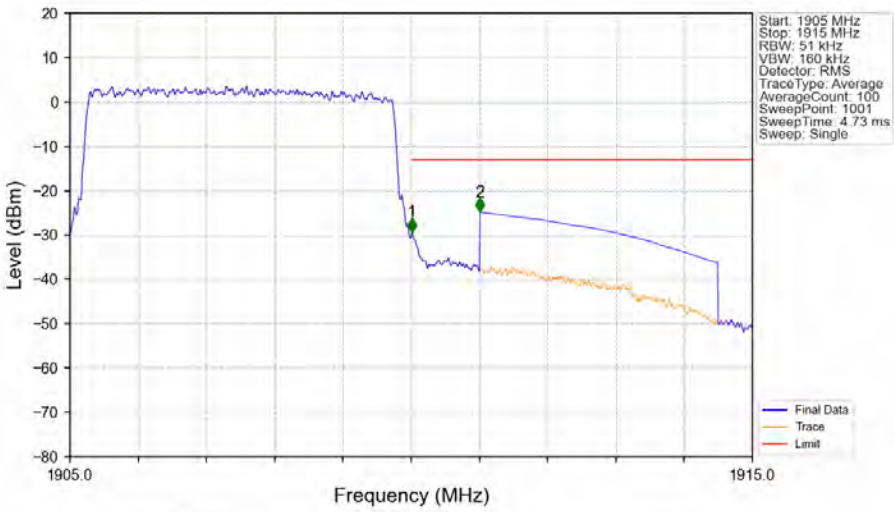


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-30.64	-13	Pass
1911	1915	1	CHP	2	1913.830	-20.75	-13	Pass

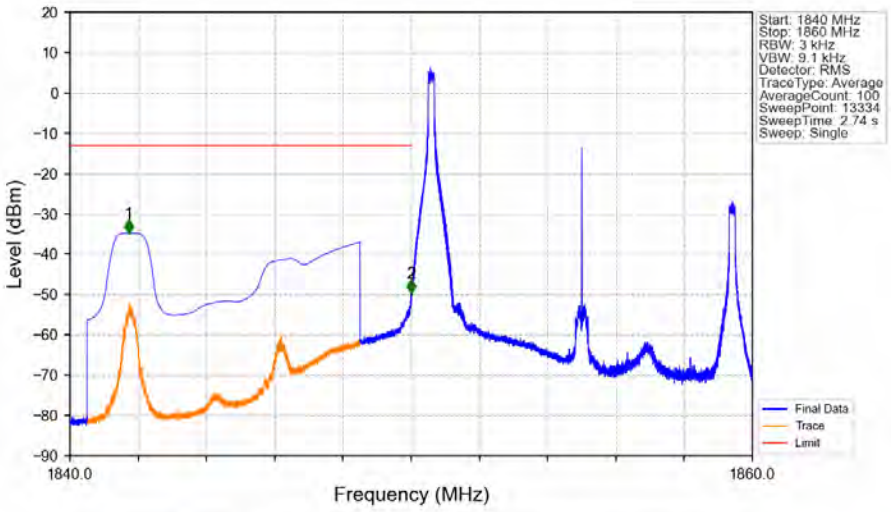
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.051	/	/	/	/	/	/
1910	1911	0.051	/	1	1910.010	-29.22	-13	Pass
1911	1915	1	CHP	2	1911.010	-24.79	-13	Pass

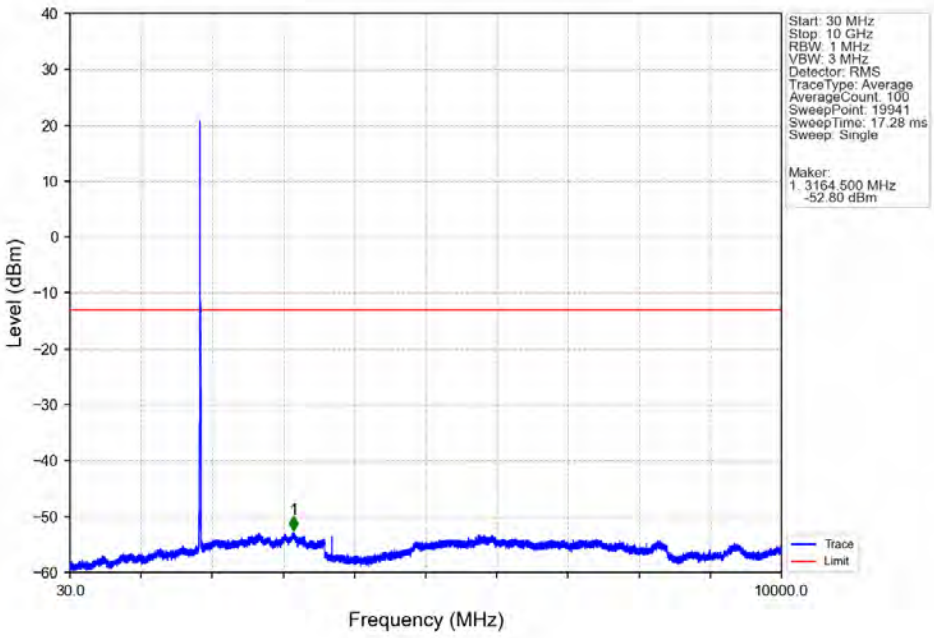
5.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

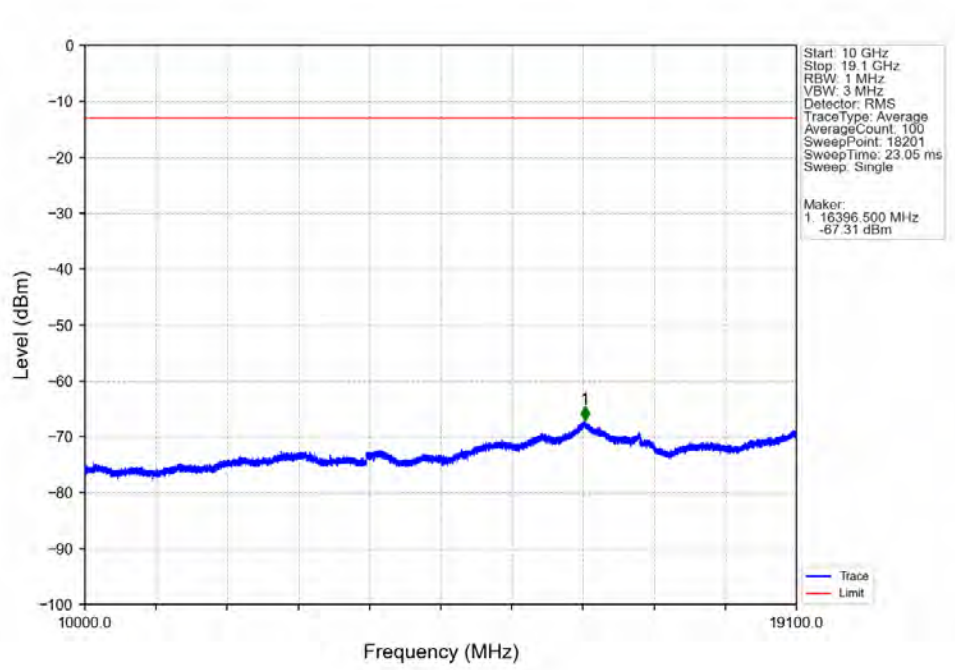


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1841.724	-34.80	-13	Pass
1849	1850	0.003	/	2	1849.996	-49.62	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

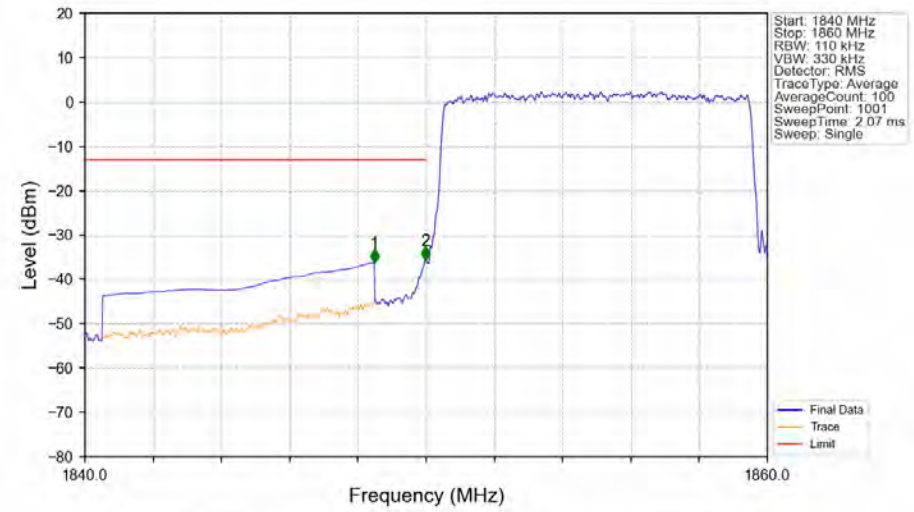
Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

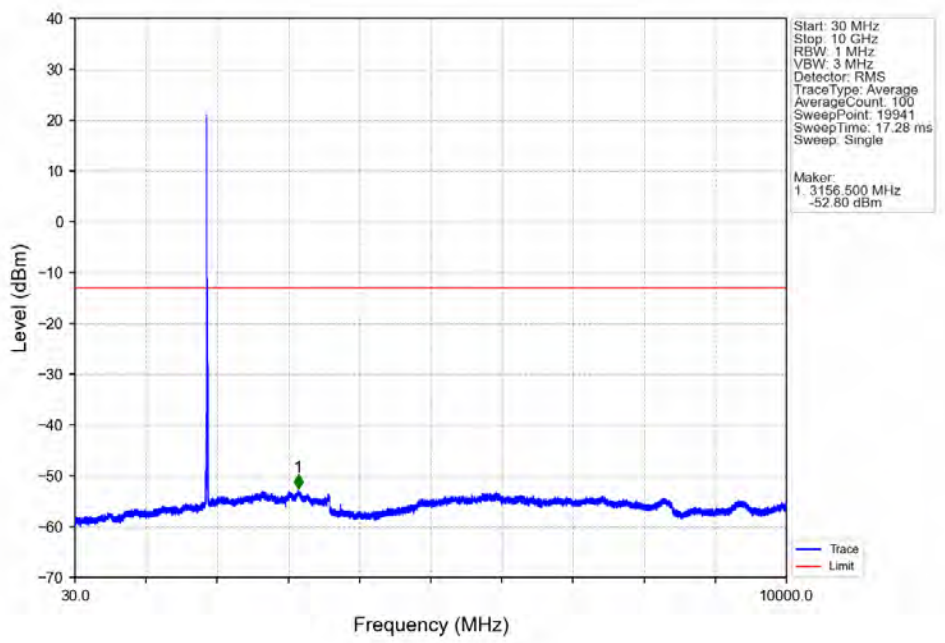


Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

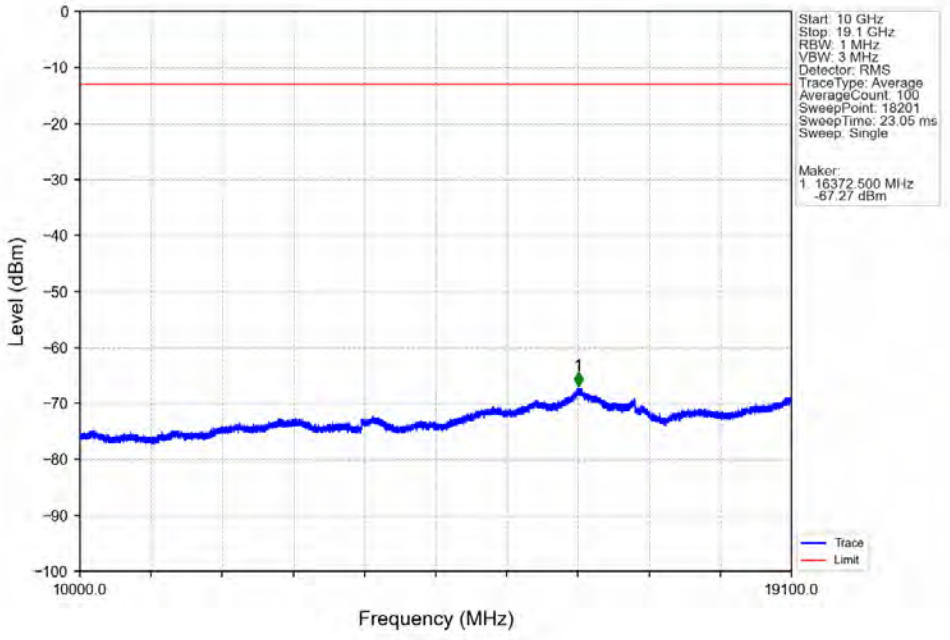


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-36.26	-13	Pass
1849	1850	0.11	/	2	1849.980	-35.70	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

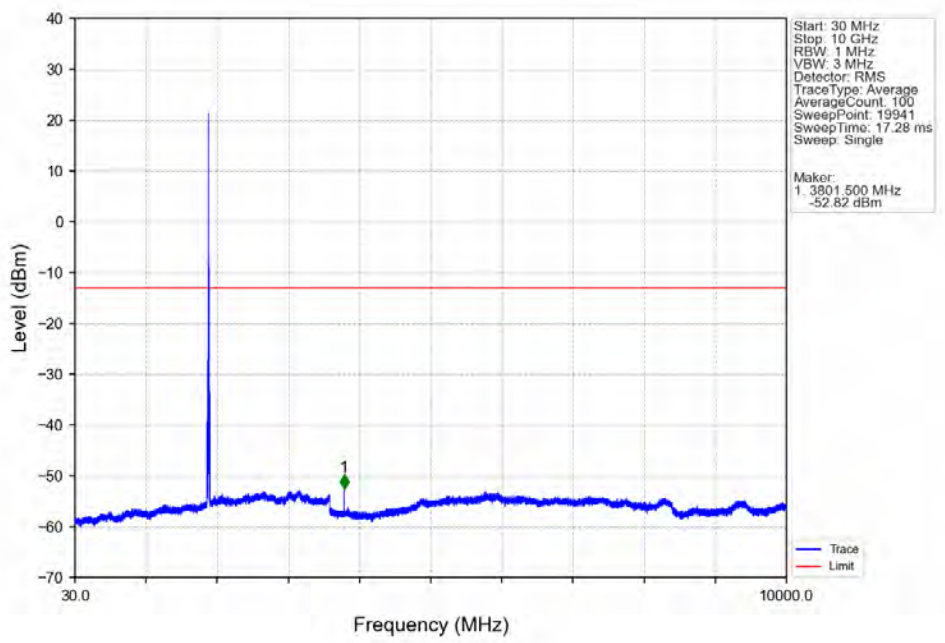
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



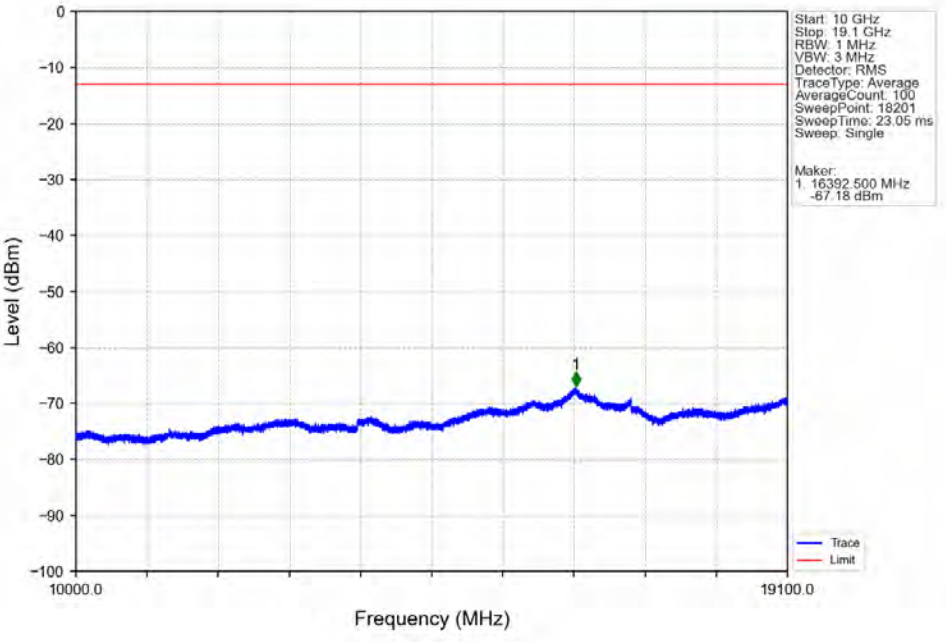
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



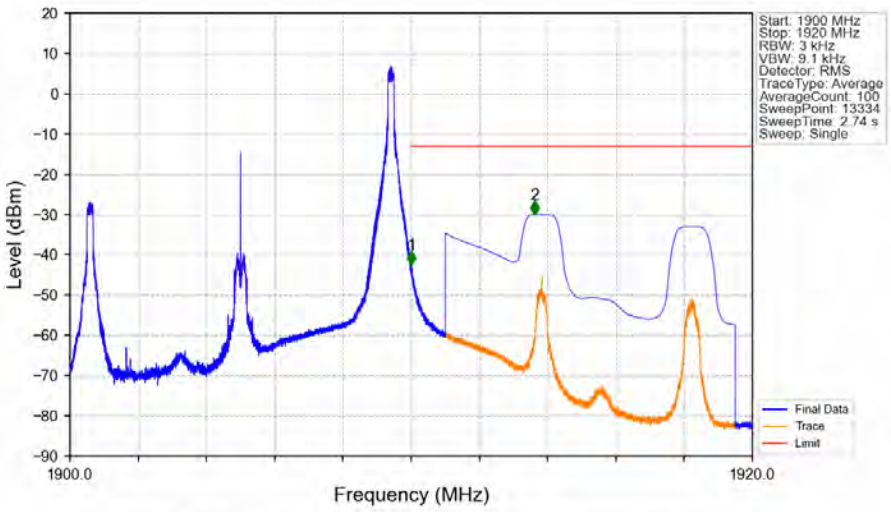
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

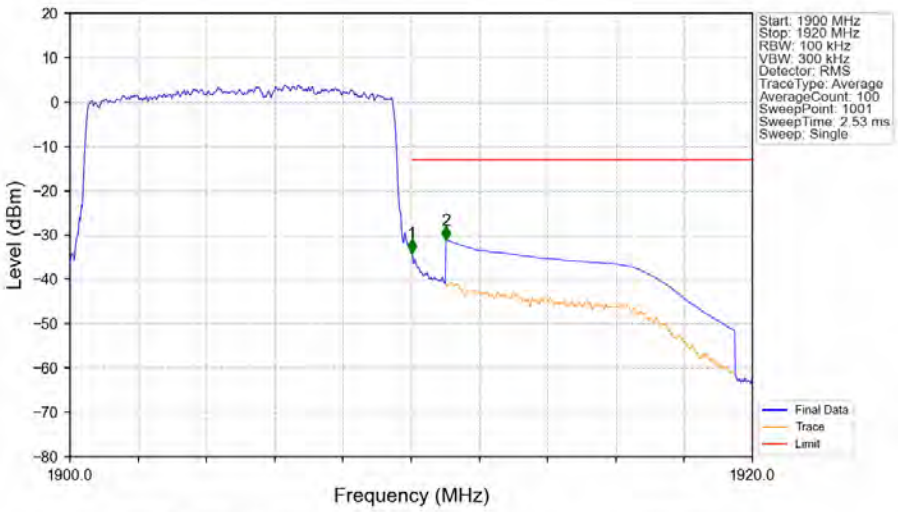


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.011	-42.47	-13	Pass
1911	1920	1	CHP	2	1913.623	-30.10	-13	Pass

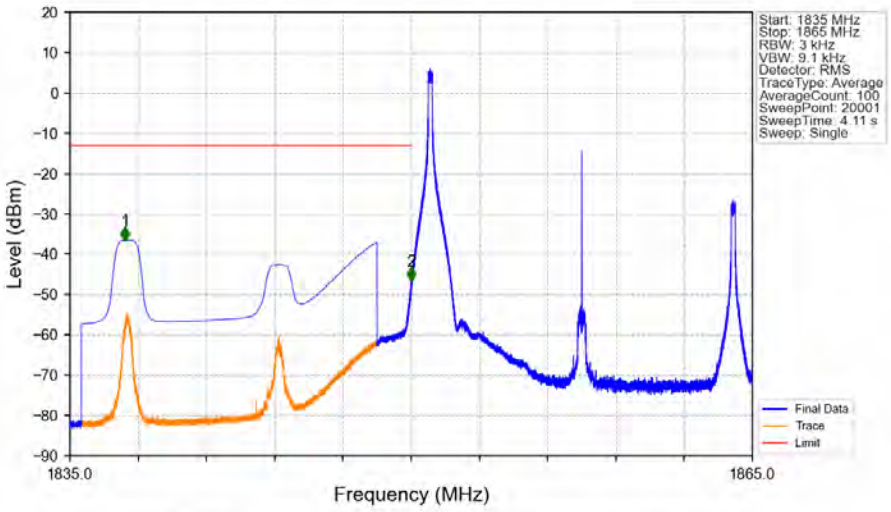
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.020	-33.98	-13	Pass
1911	1920	1	CHP	2	1911.020	-31.07	-13	Pass

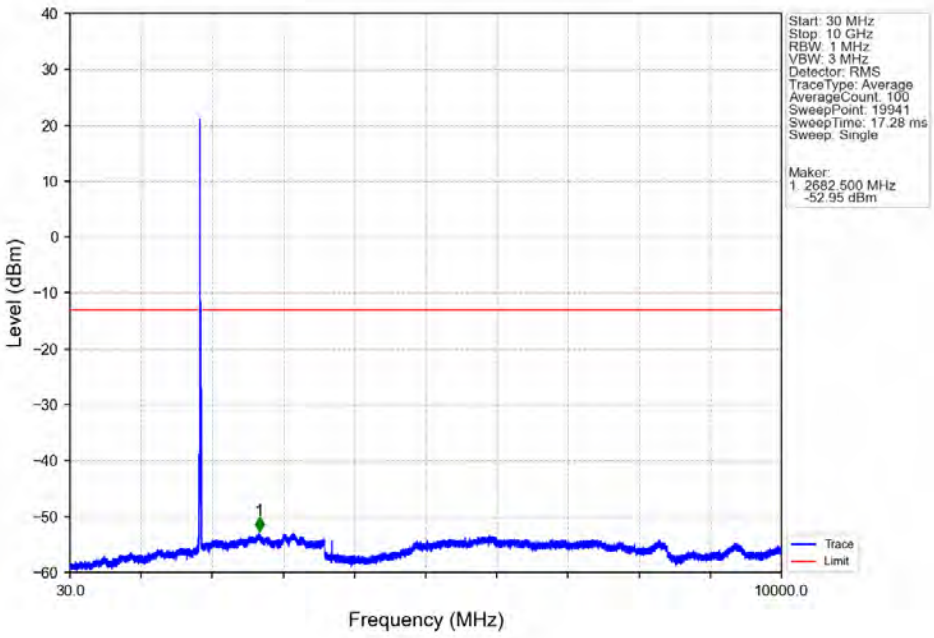
5.2.5 B2_15MHz

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

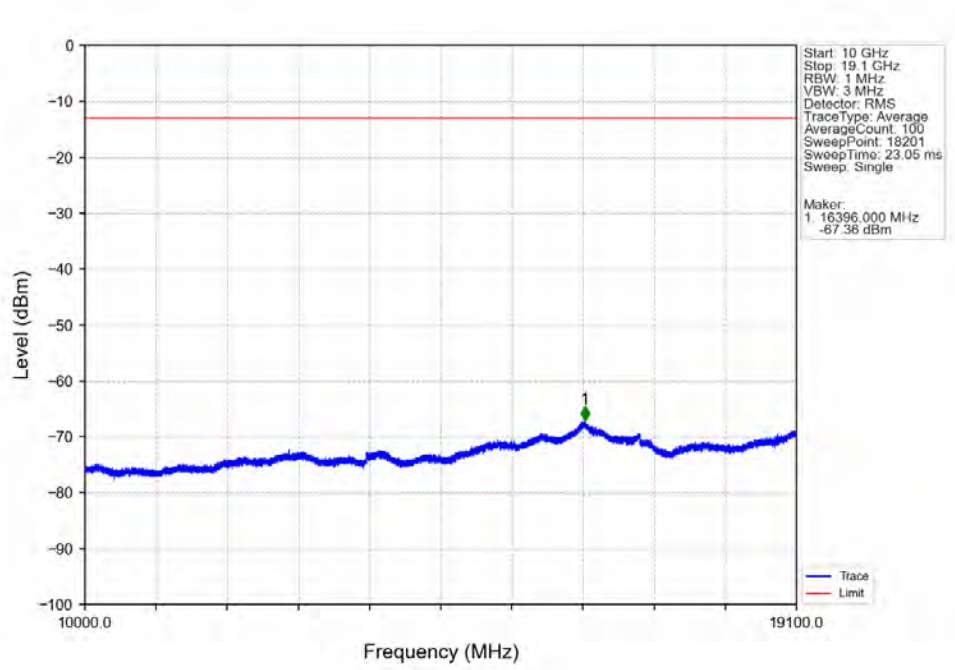


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1837.422	-36.59	-13	Pass
1849	1850	0.003	/	2	1849.997	-46.60	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

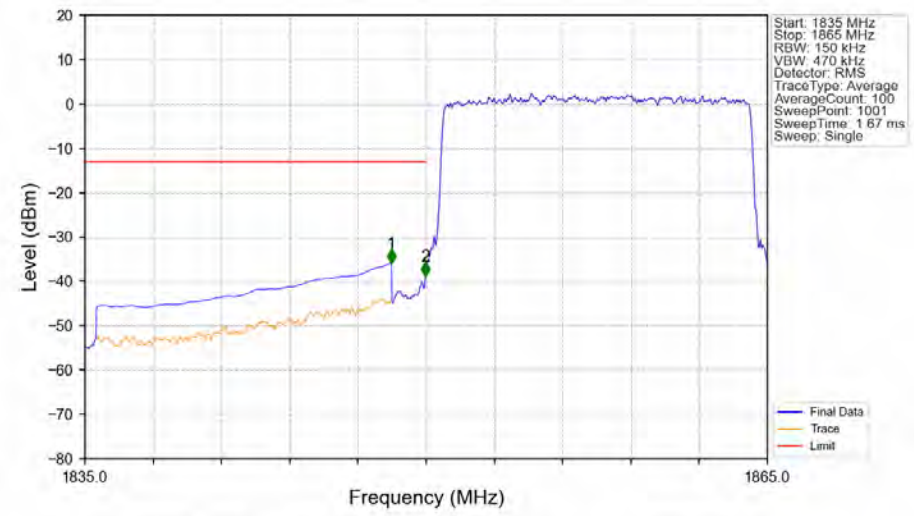
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



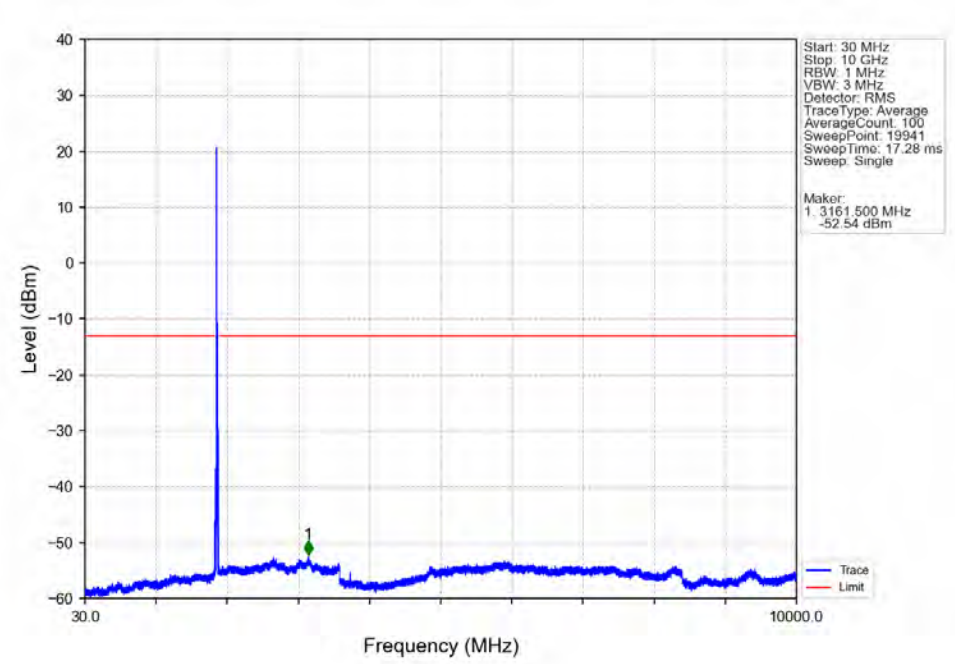
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

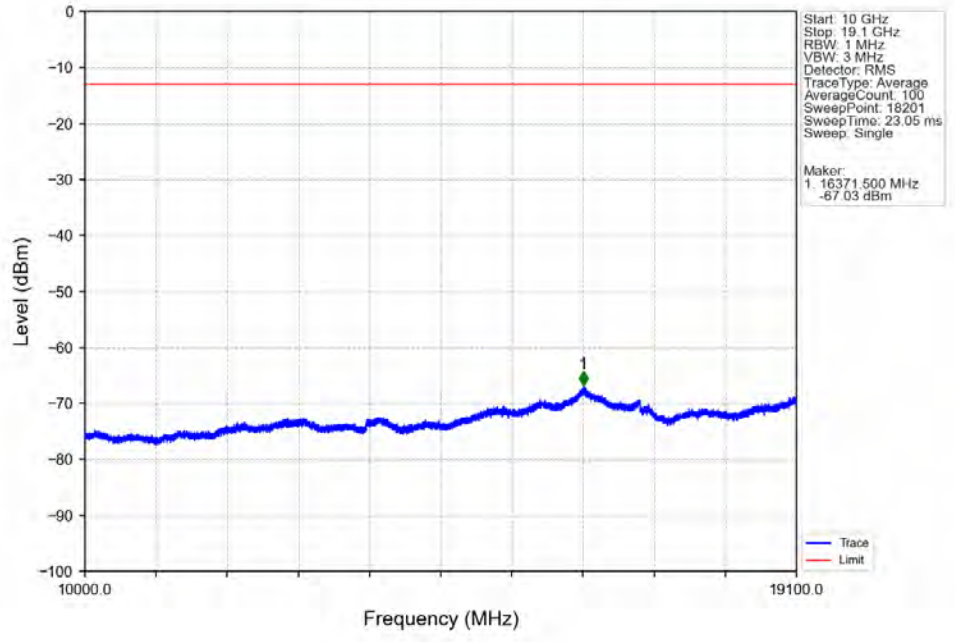


Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

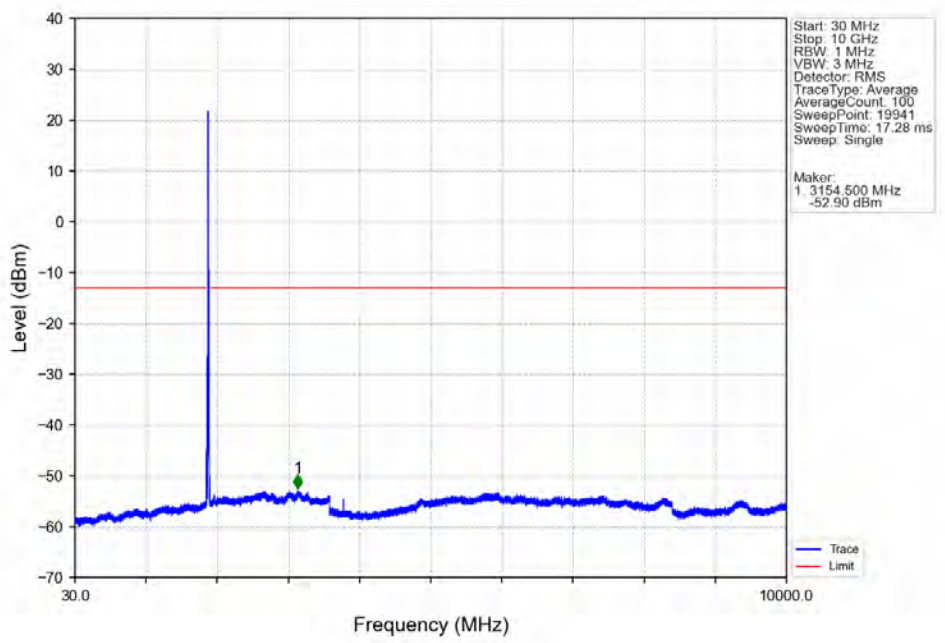


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-35.84	-13	Pass
1849	1850	0.15	/	2	1849.970	-38.81	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

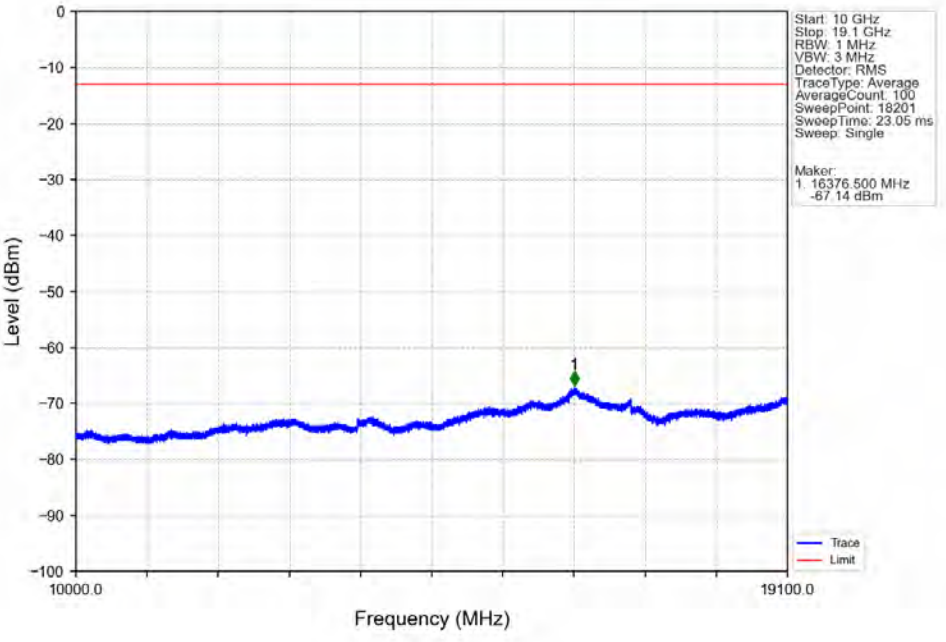
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV


Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV


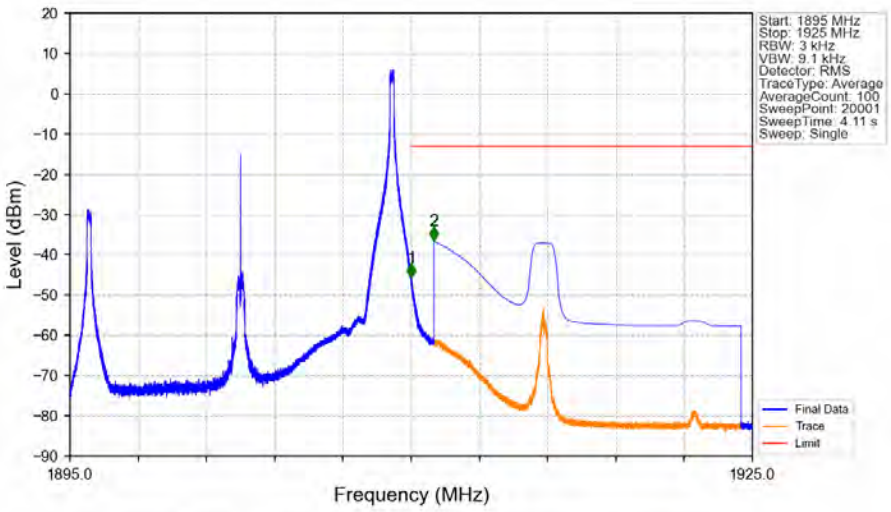
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV

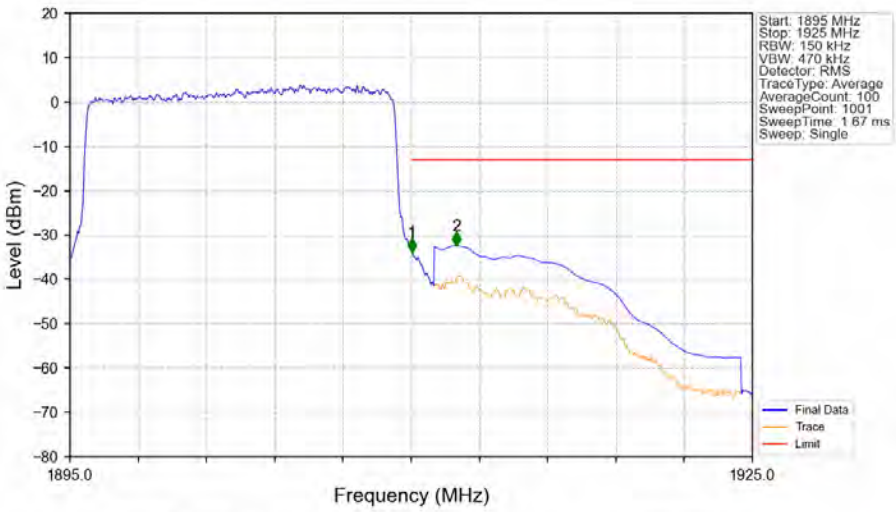


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-45.64	-13	Pass
1911	1925	1	CHP	2	1911.001	-36.48	-13	Pass

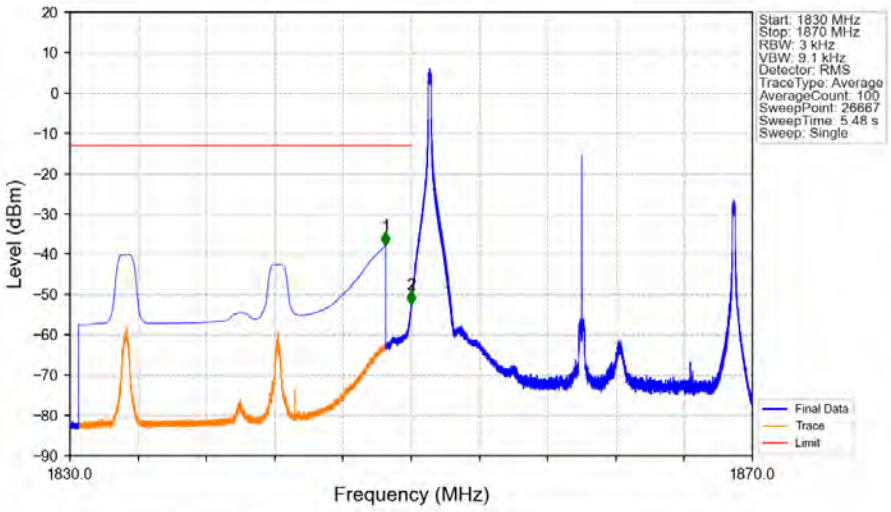
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.030	-33.79	-13	Pass
1911	1925	1	CHP	2	1911.980	-32.35	-13	Pass

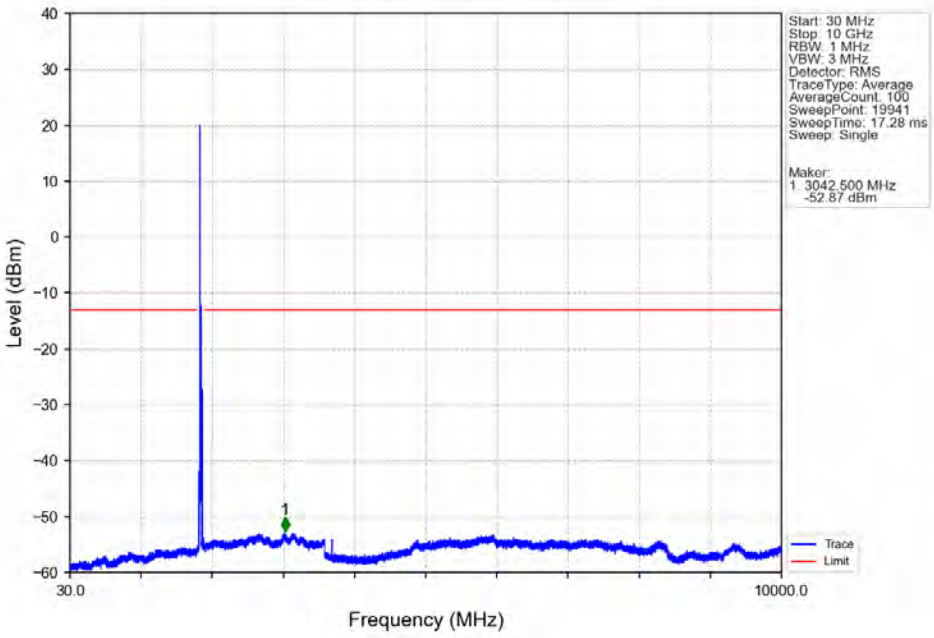
5.2.6 B2_20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

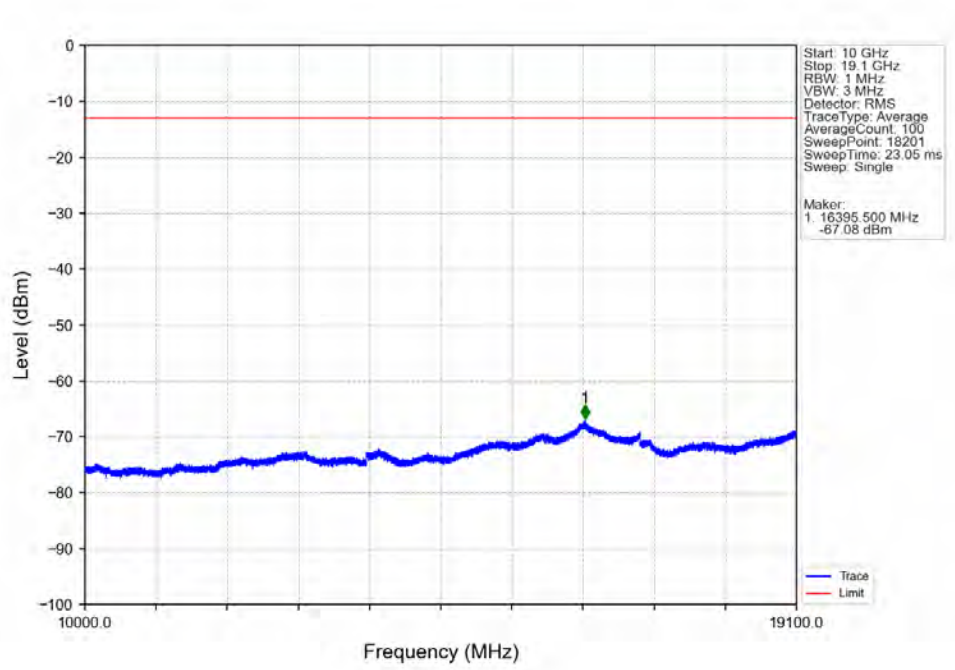


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-37.92	-13	Pass
1849	1850	0.003	/	2	1849.995	-52.54	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

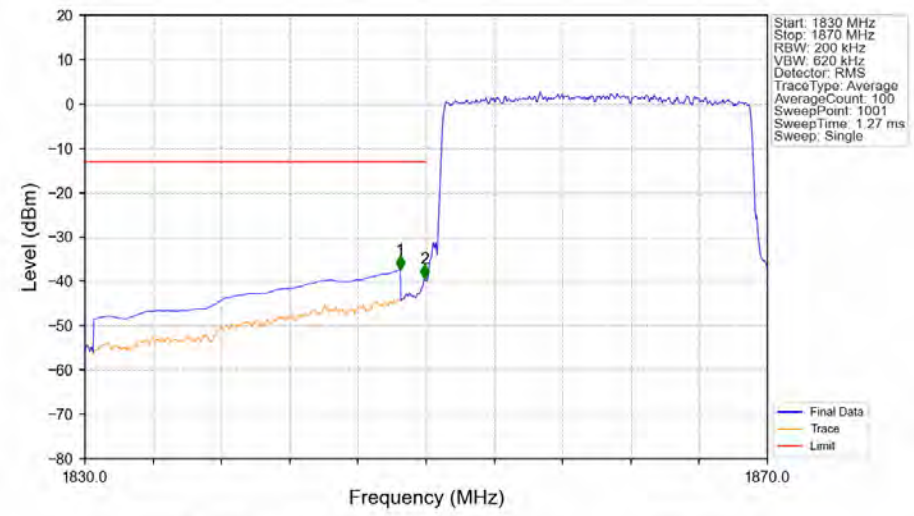
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

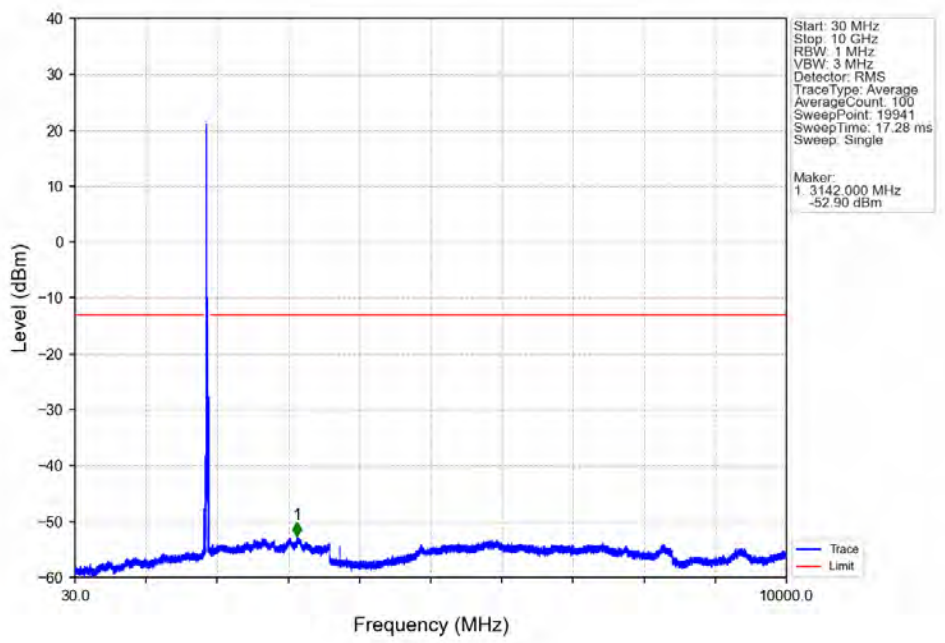


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

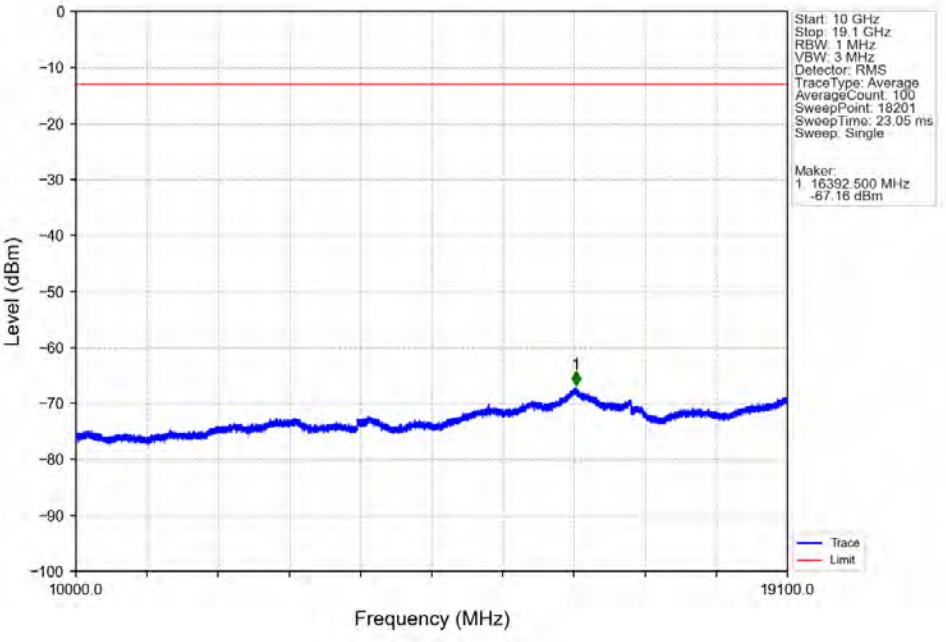


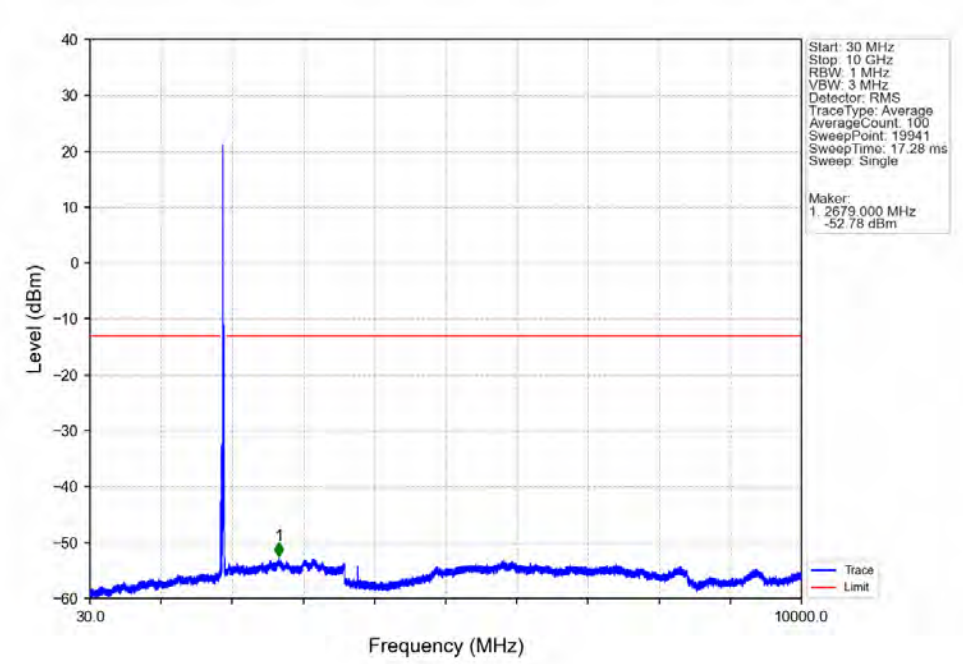
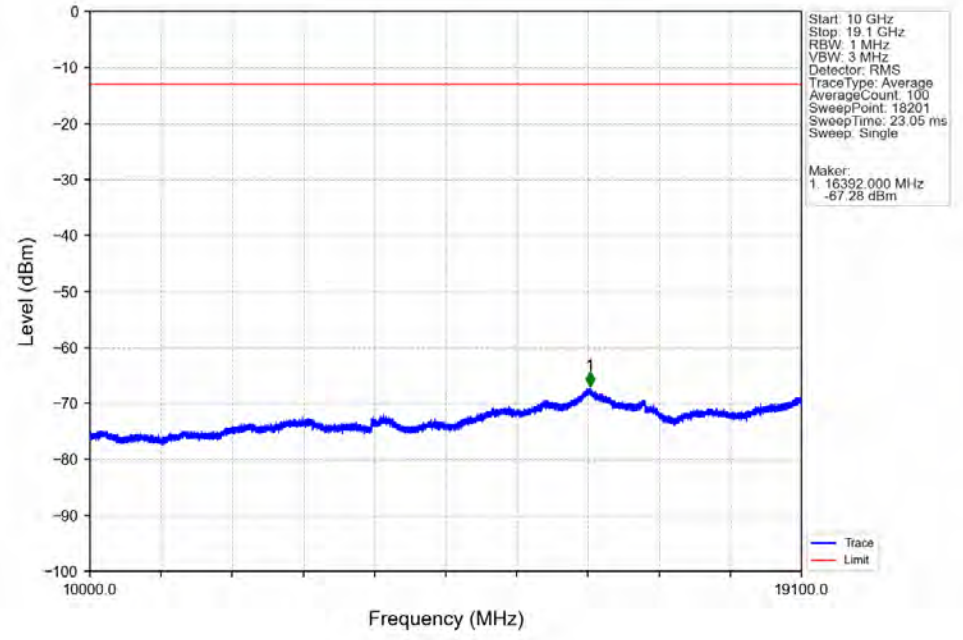
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-37.31	-13	Pass
1849	1850	0.2	/	2	1849.920	-39.33	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

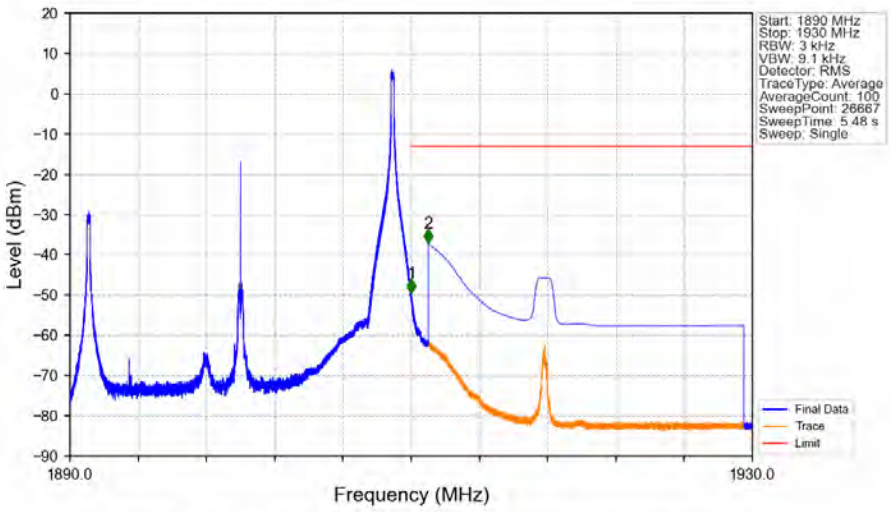


Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



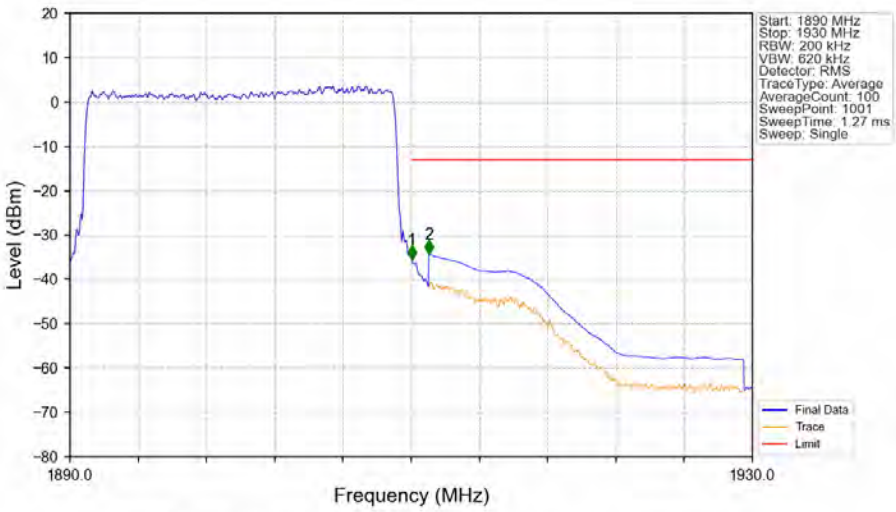
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV


Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-49.49	-13	Pass
1911	1930	1	CHP	2	1911.001	-37.14	-13	Pass

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.040	-35.55	-13	Pass
1911	1930	1	CHP	2	1911.040	-34.16	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band2_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	54.68	-45.51	28.92	-57.17	-13.00	44.17	Horizontal
2	5553	43.22	-45.15	32.31	-64.88	-13.00	51.88	Horizontal
3	6729.75	41.80	-43.92	34.51	-62.86	-13.00	49.86	Horizontal
4	8085	40.52	-41.51	37.05	-59.20	-13.00	46.20	Horizontal
5	9814.5	37.38	-39.46	38.13	-59.21	-13.00	46.21	Horizontal
6	12378	34.78	-37.53	39.21	-58.79	-13.00	45.79	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	51.81	-45.51	28.92	-60.04	-13.00	47.04	Vertical
2	5553	45.64	-45.15	32.31	-62.46	-13.00	49.46	Vertical
3	7211.25	41.49	-43.46	35.59	-61.64	-13.00	48.64	Vertical
4	9175.5	38.31	-40.27	36.85	-60.37	-13.00	47.37	Vertical
5	10674	35.78	-38.03	38.57	-58.95	-13.00	45.95	Vertical
6	12480.75	33.92	-37.07	39.24	-59.16	-13.00	46.16	Vertical

Test Band = LTE Band2_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3741.75	57.49	-45.68	28.99	-54.46	-13.00	41.46	Horizontal
2	4758.75	43.12	-45.56	31.01	-66.69	-13.00	53.69	Horizontal
3	5613	47.58	-45.04	32.32	-60.40	-13.00	47.40	Horizontal
4	7693.5	41.63	-43.11	36.67	-60.07	-13.00	47.07	Horizontal
5	9416.25	39.32	-39.90	37.33	-58.50	-13.00	45.50	Horizontal
6	12739.5	34.26	-36.74	39.32	-58.42	-13.00	45.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.5	53.14	-45.68	28.99	-58.81	-13.00	45.81	Vertical
2	5613	54.55	-45.04	32.32	-53.43	-13.00	40.43	Vertical
3	7484.25	41.33	-43.18	36.36	-60.76	-13.00	47.76	Vertical
4	8592.75	40.14	-41.35	36.74	-59.73	-13.00	46.73	Vertical
5	9355.5	41.49	-40.00	37.21	-56.56	-13.00	43.56	Vertical
6	12738.75	33.94	-36.74	39.32	-58.74	-13.00	45.74	Vertical

Test Band = LTE Band2_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.25	60.61	-45.85	29.05	-51.44	-13.00	38.44	Horizontal
2	4908	42.93	-45.54	31.25	-66.62	-13.00	53.62	Horizontal
3	6953.25	41.64	-43.81	34.92	-62.51	-13.00	49.51	Horizontal
4	8769	40.64	-41.39	36.64	-59.37	-13.00	46.37	Horizontal
5	11249.25	35.04	-37.40	38.72	-58.90	-13.00	45.90	Horizontal
6	14987.25	32.25	-34.64	41.59	-56.06	-13.00	43.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.25	56.30	-45.85	29.05	-55.75	-13.00	42.75	Vertical
2	5145.75	42.42	-45.33	31.66	-66.51	-13.00	53.51	Vertical
3	6695.25	41.41	-43.84	34.45	-63.23	-13.00	50.23	Vertical
4	8403	40.09	-41.46	36.86	-59.77	-13.00	46.77	Vertical
5	10049.25	36.64	-39.18	38.50	-59.30	-13.00	46.30	Vertical
6	12358.5	34.58	-37.50	39.21	-58.97	-13.00	45.97	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---