



Appendix B

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict		
		Size	Offset					
QPSK	1850.7	1	0	21.61	<=33.01	Pass		
			2	21.75	<=33.01	Pass		
			5	21.61	<=33.01	Pass		
		3	0	21.12	<=33.01	Pass		
			2	21.14	<=33.01	Pass		
			3	21.12	<=33.01	Pass		
		6	0	20.22	<=33.01	Pass		
		1880	1	0	20.92	<=33.01	Pass	
				2	21.05	<=33.01	Pass	
	5			20.93	<=33.01	Pass		
	3		0	20.99	<=33.01	Pass		
			2	20.97	<=33.01	Pass		
			3	20.94	<=33.01	Pass		
	6		0	19.99	<=33.01	Pass		
	1909.3		1	0	20.83	<=33.01	Pass	
				2	20.98	<=33.01	Pass	
		5		20.84	<=33.01	Pass		
		3	0	20.87	<=33.01	Pass		
			2	20.92	<=33.01	Pass		
			3	20.85	<=33.01	Pass		
		6	0	19.93	<=33.01	Pass		
		16QAM	1850.7	1	0	20.11	<=33.01	Pass
					2	20.19	<=33.01	Pass
	5				20.08	<=33.01	Pass	
3	0			20.25	<=33.01	Pass		
	2			20.28	<=33.01	Pass		
	3			20.27	<=33.01	Pass		
6	0			19.17	<=33.01	Pass		
1880	1			0	20.00	<=33.01	Pass	
				2	20.11	<=33.01	Pass	
			5	19.98	<=33.01	Pass		
	3		0	19.98	<=33.01	Pass		
			2	19.97	<=33.01	Pass		
			3	19.89	<=33.01	Pass		
	6		0	19.01	<=33.01	Pass		
	1909.3		1	0	19.80	<=33.01	Pass	
				2	19.93	<=33.01	Pass	
5				19.85	<=33.01	Pass		
3			0	19.82	<=33.01	Pass		
			2	19.80	<=33.01	Pass		
			3	19.79	<=33.01	Pass		
6			0	18.78	<=33.01	Pass		

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict		
		Size	Offset					
QPSK	1851.5	1	0	21.17	<=33.01	Pass		
			7	21.38	<=33.01	Pass		
			14	21.10	<=33.01	Pass		
		8	0	20.14	<=33.01	Pass		
			4	20.12	<=33.01	Pass		
			7	20.08	<=33.01	Pass		
		15	0	20.02	<=33.01	Pass		
		1880	1	0	20.98	<=33.01	Pass	
				7	21.22	<=33.01	Pass	
	14			20.88	<=33.01	Pass		
	8		0	19.97	<=33.01	Pass		
			4	19.99	<=33.01	Pass		
			7	19.91	<=33.01	Pass		
	15		0	19.89	<=33.01	Pass		
	1908.5		1	0	20.87	<=33.01	Pass	
				7	21.15	<=33.01	Pass	
		14		20.95	<=33.01	Pass		
		8	0	19.86	<=33.01	Pass		
			4	19.91	<=33.01	Pass		
			7	19.85	<=33.01	Pass		
		15	0	19.82	<=33.01	Pass		
		16QAM	1851.5	1	0	20.12	<=33.01	Pass
					7	20.31	<=33.01	Pass
	14				20.07	<=33.01	Pass	
8	0			19.04	<=33.01	Pass		
	4			19.04	<=33.01	Pass		
	7			19.01	<=33.01	Pass		
15	0			19.00	<=33.01	Pass		
1880	1			0	20.01	<=33.01	Pass	
				7	20.25	<=33.01	Pass	
			14	19.99	<=33.01	Pass		
	8		0	18.88	<=33.01	Pass		
			4	18.85	<=33.01	Pass		
			7	18.81	<=33.01	Pass		
	15		0	18.77	<=33.01	Pass		
	1908.5		1	0	19.87	<=33.01	Pass	
				7	20.18	<=33.01	Pass	
14				19.92	<=33.01	Pass		
8			0	18.77	<=33.01	Pass		
			4	18.81	<=33.01	Pass		
			7	18.76	<=33.01	Pass		
15			0	18.78	<=33.01	Pass		

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	1852.5	1	0	21.13	<=33.01	Pass
			13	21.19	<=33.01	Pass
			24	21.06	<=33.01	Pass
		12	0	20.02	<=33.01	Pass

16QAM	1880	25	6	20.09	<=33.01	Pass	
			13	20.03	<=33.01	Pass	
			0	20.02	<=33.01	Pass	
		1	12	0	20.95	<=33.01	Pass
				13	21.00	<=33.01	Pass
				24	20.80	<=33.01	Pass
			25	0	19.93	<=33.01	Pass
				6	19.92	<=33.01	Pass
				13	19.79	<=33.01	Pass
		1907.5	1	0	20.73	<=33.01	Pass
				13	20.91	<=33.01	Pass
				24	20.82	<=33.01	Pass
	12		0	19.80	<=33.01	Pass	
			6	19.80	<=33.01	Pass	
			13	19.72	<=33.01	Pass	
	25	0	19.76	<=33.01	Pass		
		13	20.47	<=33.01	Pass		
		24	20.33	<=33.01	Pass		
	1852.5	1	0	20.39	<=33.01	Pass	
			13	20.47	<=33.01	Pass	
			24	20.33	<=33.01	Pass	
			12	0	19.00	<=33.01	Pass
				6	19.05	<=33.01	Pass
				13	18.99	<=33.01	Pass
25		0	19.00	<=33.01	Pass		
		13	20.11	<=33.01	Pass		
		24	19.93	<=33.01	Pass		
1880		1	0	20.07	<=33.01	Pass	
			13	20.11	<=33.01	Pass	
			24	19.93	<=33.01	Pass	
	12		0	18.96	<=33.01	Pass	
			6	18.93	<=33.01	Pass	
			13	18.82	<=33.01	Pass	
	25	0	18.90	<=33.01	Pass		
		13	19.83	<=33.01	Pass		
		24	19.99	<=33.01	Pass		
	1907.5	1	0	19.83	<=33.01	Pass	
			13	19.99	<=33.01	Pass	
			24	19.92	<=33.01	Pass	
12		0	18.66	<=33.01	Pass		
		6	18.70	<=33.01	Pass		
		13	18.60	<=33.01	Pass		
25	0	18.69	<=33.01	Pass			

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict
		Size	Offset			
QPSK	1855	1	0	21.13	<=33.01	Pass
			25	21.30	<=33.01	Pass
			49	21.16	<=33.01	Pass
		25	0	20.06	<=33.01	Pass
			13	20.06	<=33.01	Pass
			25	20.14	<=33.01	Pass
	1880	1	0	20.06	<=33.01	Pass
			0	21.12	<=33.01	Pass
			25	21.13	<=33.01	Pass
		25	49	20.82	<=33.01	Pass
			0	20.14	<=33.01	Pass
			13	20.00	<=33.01	Pass

	1905	50	25	19.82	<=33.01	Pass		
			0	19.96	<=33.01	Pass		
		1	25	0	20.82	<=33.01	Pass	
				25	21.06	<=33.01	Pass	
				49	20.99	<=33.01	Pass	
		25	50	0	19.78	<=33.01	Pass	
				13	19.86	<=33.01	Pass	
				25	19.75	<=33.01	Pass	
		50	0	19.74	<=33.01	Pass		
		16QAM	1855	1	0	20.06	<=33.01	Pass
25	20.21				<=33.01	Pass		
49	20.07				<=33.01	Pass		
25	50			0	19.03	<=33.01	Pass	
				13	19.07	<=33.01	Pass	
				25	19.13	<=33.01	Pass	
50	0			19.02	<=33.01	Pass		
1880	1			25	0	20.16	<=33.01	Pass
					25	20.23	<=33.01	Pass
			49		19.84	<=33.01	Pass	
	25		50	0	18.99	<=33.01	Pass	
				13	18.87	<=33.01	Pass	
				25	18.67	<=33.01	Pass	
	50		0	18.87	<=33.01	Pass		
	1905		1	25	0	19.84	<=33.01	Pass
					25	20.05	<=33.01	Pass
49					19.98	<=33.01	Pass	
25			50	0	18.75	<=33.01	Pass	
				13	18.81	<=33.01	Pass	
				25	18.71	<=33.01	Pass	
50			0	18.70	<=33.01	Pass		

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict		
		Size	Offset					
QPSK	1857.5	1	0	21.10	<=33.01	Pass		
			38	21.22	<=33.01	Pass		
			74	21.08	<=33.01	Pass		
		36	75	0	20.15	<=33.01	Pass	
				18	20.20	<=33.01	Pass	
				39	20.29	<=33.01	Pass	
		75	0	20.22	<=33.01	Pass		
		1880	1	36	0	21.11	<=33.01	Pass
					38	21.00	<=33.01	Pass
	74				20.71	<=33.01	Pass	
	36		75	0	20.21	<=33.01	Pass	
				18	20.04	<=33.01	Pass	
				39	19.83	<=33.01	Pass	
	75	0	20.06	<=33.01	Pass			
	1902.5	1	36	0	20.77	<=33.01	Pass	
				38	20.87	<=33.01	Pass	
				74	20.91	<=33.01	Pass	
		36	75	0	19.72	<=33.01	Pass	
				18	19.87	<=33.01	Pass	
				39	19.87	<=33.01	Pass	
				39	19.87	<=33.01	Pass	

16QAM	1857.5	75	0	19.80	<=33.01	Pass	
			0	20.16	<=33.01	Pass	
			1	38	20.24	<=33.01	Pass
				74	20.11	<=33.01	Pass
		36	0	19.08	<=33.01	Pass	
			18	19.11	<=33.01	Pass	
			39	19.22	<=33.01	Pass	
		75	0	19.10	<=33.01	Pass	
		1880	1	0	20.17	<=33.01	Pass
	38			20.10	<=33.01	Pass	
	74			19.78	<=33.01	Pass	
	0			19.17	<=33.01	Pass	
	36		18	19.02	<=33.01	Pass	
			39	18.82	<=33.01	Pass	
			75	0	18.95	<=33.01	Pass
	1902.5		1	0	19.78	<=33.01	Pass
				38	19.89	<=33.01	Pass
		74		19.91	<=33.01	Pass	
		0		18.71	<=33.01	Pass	
		36	18	18.86	<=33.01	Pass	
			39	18.81	<=33.01	Pass	
75			0	18.75	<=33.01	Pass	

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Limit	Verdict	
		Size	Offset				
QPSK	1860	1	0	21.04	<=33.01	Pass	
			50	21.38	<=33.01	Pass	
			99	21.04	<=33.01	Pass	
		50	0	19.97	<=33.01	Pass	
			25	20.13	<=33.01	Pass	
			50	20.19	<=33.01	Pass	
		100	0	20.10	<=33.01	Pass	
		1880	1	0	21.03	<=33.01	Pass
				50	21.15	<=33.01	Pass
	99			20.55	<=33.01	Pass	
	50		0	20.11	<=33.01	Pass	
			25	20.00	<=33.01	Pass	
			50	19.62	<=33.01	Pass	
	100		0	19.91	<=33.01	Pass	
	1900		1	0	20.62	<=33.01	Pass
				50	20.97	<=33.01	Pass
		99		20.79	<=33.01	Pass	
		50	0	19.53	<=33.01	Pass	
			25	19.74	<=33.01	Pass	
			50	19.67	<=33.01	Pass	
		100	0	19.63	<=33.01	Pass	
16QAM		1860	1	0	19.81	<=33.01	Pass
				50	20.24	<=33.01	Pass
	99			19.85	<=33.01	Pass	
	50		0	18.88	<=33.01	Pass	
			25	19.06	<=33.01	Pass	
			50	19.13	<=33.01	Pass	
	100		0	19.02	<=33.01	Pass	

	1880	1	0	20.10	<=33.01	Pass	
			50	20.26	<=33.01	Pass	
			99	19.63	<=33.01	Pass	
		50	0	19.09	<=33.01	Pass	
			25	18.95	<=33.01	Pass	
			50	18.55	<=33.01	Pass	
		100	0	18.87	<=33.01	Pass	
		1900	1	0	19.71	<=33.01	Pass
				50	20.06	<=33.01	Pass
	99			19.88	<=33.01	Pass	
	50		0	18.47	<=33.01	Pass	
			25	18.69	<=33.01	Pass	
			50	18.64	<=33.01	Pass	
	100	0	18.52	<=33.01	Pass		

2. Frequency Stability

2.1 B2_1.4MHz

2.1.1 Test Result

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	3.27	-5.379	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.440	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-11.802	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-12.617	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-11.573	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-14.820	-0.0080	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0015	-2.5 to 2.5	Pass
	50	3.85	-11.244	-0.0061	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	22.101	0.0118	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	-7.739	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-8.125	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.679	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-16.966	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-13.146	-0.0070	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
	50	3.85	-10.157	-0.0054	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-14.348	-0.0075	-2.5 to 2.5	Pass
					3.85	-12.374	-0.0065	-2.5 to 2.5	Pass
					4.43	-12.517	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-14.420	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-12.603	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-12.817	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-10.772	-0.0056	-2.5 to 2.5	Pass
30				3.85	-18.811	-0.0099	-2.5 to 2.5	Pass	
40				3.85	-11.644	-0.0061	-2.5 to 2.5	Pass	

16QAM	1850.7	6	0	50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.27	-16.937	-0.0092	-2.5 to 2.5	Pass
				20	3.85	-13.418	-0.0073	-2.5 to 2.5	Pass
					4.43	-12.889	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-13.576	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-13.790	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	4.091	0.0022	-2.5 to 2.5	Pass
				0	3.85	-8.283	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-9.313	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
	40	3.85	-10.371	-0.0056	-2.5 to 2.5	Pass			
	50	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-5.236	-0.0028	-2.5 to 2.5	Pass
					3.85	-12.331	-0.0066	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-14.148	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-19.426	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-9.255	-0.0049	-2.5 to 2.5	Pass
	50	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-3.033	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-14.749	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-10.028	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
10				3.85	-3.347	-0.0018	-2.5 to 2.5	Pass	
30				3.85	-2.646	-0.0014	-2.5 to 2.5	Pass	
40				3.85	-3.061	-0.0016	-2.5 to 2.5	Pass	
50	3.85	-18.611	-0.0097	-2.5 to 2.5	Pass				

2.2 B2_3MHz

2.2.1 Test Result

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	3.27	-8.655	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0034	-2.5 to 2.5	Pass
				0	3.85	5.622	0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.483	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-11.187	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
	50	3.85	-5.722	-0.0031	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-8.512	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass
-30					3.85	-6.566	-0.0035	-2.5 to 2.5	Pass

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	-7.639	-0.0041	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-10.357	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
	50	3.85	-10.071	-0.0054	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-9.785	-0.0052	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0041	-2.5 to 2.5	Pass
					4.43	-6.952	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
	50	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-11.058	-0.0058	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.319	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-14.219	-0.0075	-2.5 to 2.5	Pass
30				3.85	-0.100	-0.0001	-2.5 to 2.5	Pass	
40				3.85	-8.411	-0.0044	-2.5 to 2.5	Pass	
50	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-8.097	-0.0044	-2.5 to 2.5	Pass
					3.85	-15.063	-0.0081	-2.5 to 2.5	Pass
					4.43	-13.447	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-13.776	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.972	-0.0059	-2.5 to 2.5	Pass
	50	3.85	-10.972	-0.0059	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.506	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.967	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass
40				3.85	-6.537	-0.0035	-2.5 to 2.5	Pass	
50	3.85	-12.546	-0.0067	-2.5 to 2.5	Pass				
1907.5	25	0	20	3.27	-4.864	-0.0025	-2.5 to 2.5	Pass	
				3.85	-2.418	-0.0013	-2.5 to 2.5	Pass	

				4.43	-6.895	-0.0036	-2.5 to 2.5	Pass
			-30	3.85	2.861	0.0015	-2.5 to 2.5	Pass
			-20	3.85	-9.212	-0.0048	-2.5 to 2.5	Pass
			-10	3.85	-6.323	-0.0033	-2.5 to 2.5	Pass
			0	3.85	-8.669	-0.0045	-2.5 to 2.5	Pass
			10	3.85	-8.125	-0.0043	-2.5 to 2.5	Pass
			30	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
			40	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
			50	3.85	-6.194	-0.0032	-2.5 to 2.5	Pass

2.4 B2_10MHz

2.4.1 Test Result

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	3.27	-6.037	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
	50	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-6.022	-0.0032	-2.5 to 2.5	Pass
					3.85	-8.039	-0.0043	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-16.680	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-9.027	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-8.969	-0.0048	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-10.057	-0.0053	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-7.639	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.035	-0.0026	-2.5 to 2.5	Pass
30				3.85	-11.072	-0.0058	-2.5 to 2.5	Pass	
40				3.85	-4.978	-0.0026	-2.5 to 2.5	Pass	
50	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.85	0.558	0.0003	-2.5 to 2.5	Pass
					4.43	-8.326	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-10.815	-0.0058	-2.5 to 2.5	Pass
0	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass				

	1880	50	0	10	3.85	-11.201	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				20	3.27	-9.055	-0.0048	-2.5 to 2.5	Pass
					3.85	-7.539	-0.0040	-2.5 to 2.5	Pass
				4.43	-7.482	-0.0040	-2.5 to 2.5	Pass	
				-30	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-10.386	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-9.398	-0.0050	-2.5 to 2.5	Pass
	30	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass			
	40	3.85	-9.484	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	0.787	0.0004	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-9.871	-0.0052	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				4.43	-3.548	-0.0019	-2.5 to 2.5	Pass	
				-30	3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
40				3.85	-5.908	-0.0031	-2.5 to 2.5	Pass	
50				3.85	-5.836	-0.0031	-2.5 to 2.5	Pass	

2.5 B2_15MHz

2.5.1 Test Result

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	3.27	-9.270	-0.0050	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				1880	75	0	20	3.27	-11.973
	3.85	-6.495	-0.0035					-2.5 to 2.5	Pass
	4.43	-7.825	-0.0042					-2.5 to 2.5	Pass
	-30	3.85	-8.755				-0.0047	-2.5 to 2.5	Pass
	-20	3.85	-3.748				-0.0020	-2.5 to 2.5	Pass
	-10	3.85	-9.170				-0.0049	-2.5 to 2.5	Pass
	0	3.85	-2.632				-0.0014	-2.5 to 2.5	Pass
	10	3.85	-2.103				-0.0011	-2.5 to 2.5	Pass
	30	3.85	-9.928				-0.0053	-2.5 to 2.5	Pass
	40	3.85	-2.503				-0.0013	-2.5 to 2.5	Pass
	50	3.85	-5.322				-0.0028	-2.5 to 2.5	Pass
	1902.5	75	0				20	3.27	-11.859

					3.85	-8.540	-0.0045	-2.5 to 2.5	Pass			
					4.43	-9.370	-0.0049	-2.5 to 2.5	Pass			
					-30	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass		
					-20	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass		
					-10	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass		
					0	3.85	-8.612	-0.0045	-2.5 to 2.5	Pass		
					10	3.85	-9.012	-0.0047	-2.5 to 2.5	Pass		
					30	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass		
					40	3.85	-12.331	-0.0065	-2.5 to 2.5	Pass		
					50	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass		
16QAM	1857.5	75	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass			
					3.85	-7.839	-0.0042	-2.5 to 2.5	Pass			
					4.43	-1.988	-0.0011	-2.5 to 2.5	Pass			
				-30	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass			
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass			
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass			
				0	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass			
				10	3.85	-7.153	-0.0039	-2.5 to 2.5	Pass			
				30	3.85	-5.507	-0.0030	-2.5 to 2.5	Pass			
				40	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass			
				50	3.85	-3.476	-0.0019	-2.5 to 2.5	Pass			
				1880	75	0	20	3.27	-4.163	-0.0022	-2.5 to 2.5	Pass
								3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
								4.43	-3.104	-0.0017	-2.5 to 2.5	Pass
	-30	3.85	-8.526				-0.0045	-2.5 to 2.5	Pass			
	-20	3.85	-5.822				-0.0031	-2.5 to 2.5	Pass			
	-10	3.85	-5.021				-0.0027	-2.5 to 2.5	Pass			
	0	3.85	-10.786				-0.0057	-2.5 to 2.5	Pass			
	10	3.85	-8.354				-0.0044	-2.5 to 2.5	Pass			
	30	3.85	-10.700				-0.0057	-2.5 to 2.5	Pass			
	40	3.85	-5.622				-0.0030	-2.5 to 2.5	Pass			
	50	3.85	-9.627				-0.0051	-2.5 to 2.5	Pass			
	1902.5	75	0				20	3.27	-11.687	-0.0061	-2.5 to 2.5	Pass
								3.85	-8.655	-0.0045	-2.5 to 2.5	Pass
								4.43	-8.039	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass			
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass			
				-10	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass			
0				3.85	-9.398	-0.0049	-2.5 to 2.5	Pass				
10				3.85	0.558	0.0003	-2.5 to 2.5	Pass				
30				3.85	-13.676	-0.0072	-2.5 to 2.5	Pass				
40				3.85	-7.067	-0.0037	-2.5 to 2.5	Pass				
50				3.85	-11.115	-0.0058	-2.5 to 2.5	Pass				

2.6 B2_20MHz

2.6.1 Test Result

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	3.27	-4.978	-0.0027	-2.5 to 2.5	Pass					
									3.85	-1.402	-0.0008	-2.5 to 2.5	Pass	
									4.43	-3.591	-0.0019	-2.5 to 2.5	Pass	
									-30	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
									-20	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
									-10	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass

				0	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass	
				10	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass	
				30	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass	
				40	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass	
				50	3.85	-7.911	-0.0043	-2.5 to 2.5	Pass	
	1880	100	0	20	3.27	-7.854	-0.0042	-2.5 to 2.5	Pass	
					3.85	-6.323	-0.0034	-2.5 to 2.5	Pass	
					4.43	-2.947	-0.0016	-2.5 to 2.5	Pass	
				-30	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass	
				-20	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass	
				-10	3.85	-8.268	-0.0044	-2.5 to 2.5	Pass	
				0	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass	
				10	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass	
				30	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass	
				40	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass	
	50	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass				
	1900	100	0	20	3.27	-13.604	-0.0072	-2.5 to 2.5	Pass	
					3.85	-9.956	-0.0052	-2.5 to 2.5	Pass	
					4.43	-5.851	-0.0031	-2.5 to 2.5	Pass	
				-30	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass	
				-20	3.85	0.815	0.0004	-2.5 to 2.5	Pass	
				-10	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass	
				0	3.85	-4.463	-0.0023	-2.5 to 2.5	Pass	
				10	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass	
				30	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass	
				40	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass	
	50	3.85	-10.371	-0.0055	-2.5 to 2.5	Pass				
	16QAM	1860	100	0	20	3.27	-4.005	-0.0022	-2.5 to 2.5	Pass
						3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
						4.43	-7.010	-0.0038	-2.5 to 2.5	Pass
-30					3.85	-11.845	-0.0064	-2.5 to 2.5	Pass	
-20					3.85	-4.392	-0.0024	-2.5 to 2.5	Pass	
-10					3.85	-0.072	0.0000	-2.5 to 2.5	Pass	
0					3.85	-10.357	-0.0056	-2.5 to 2.5	Pass	
10					3.85	-5.593	-0.0030	-2.5 to 2.5	Pass	
30					3.85	-0.515	-0.0003	-2.5 to 2.5	Pass	
40					3.85	-4.563	-0.0025	-2.5 to 2.5	Pass	
50		3.85	-2.303	-0.0012	-2.5 to 2.5	Pass				
1880		100	0	20	3.27	-7.610	-0.0040	-2.5 to 2.5	Pass	
					3.85	-4.892	-0.0026	-2.5 to 2.5	Pass	
					4.43	-5.908	-0.0031	-2.5 to 2.5	Pass	
				-30	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass	
				-20	3.85	-6.795	-0.0036	-2.5 to 2.5	Pass	
				-10	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass	
				0	3.85	-7.668	-0.0041	-2.5 to 2.5	Pass	
				10	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass	
				30	3.85	-7.811	-0.0042	-2.5 to 2.5	Pass	
				40	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass	
50		3.85	-0.958	-0.0005	-2.5 to 2.5	Pass				
1900		100	0	20	3.27	-7.024	-0.0037	-2.5 to 2.5	Pass	
					3.85	0.973	0.0005	-2.5 to 2.5	Pass	
					4.43	-7.167	-0.0038	-2.5 to 2.5	Pass	
				-30	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass	
				-20	3.85	0.343	0.0002	-2.5 to 2.5	Pass	
				-10	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass	
				0	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass	
				10	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass	
	30			3.85	-4.663	-0.0025	-2.5 to 2.5	Pass		
	40			3.85	-6.251	-0.0033	-2.5 to 2.5	Pass		

				50	3.85	-5.550	-0.0029	-2.5 to 2.5	Pass
--	--	--	--	----	------	--------	---------	-------------	------

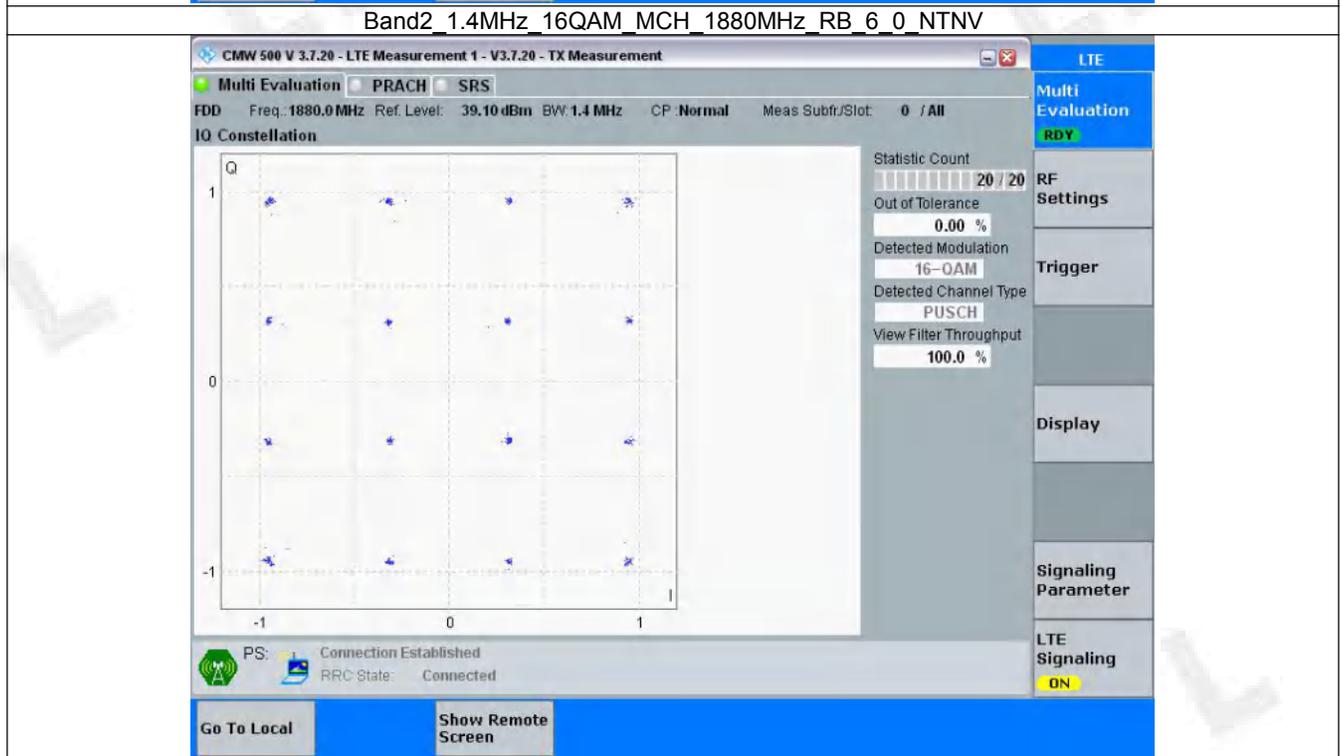
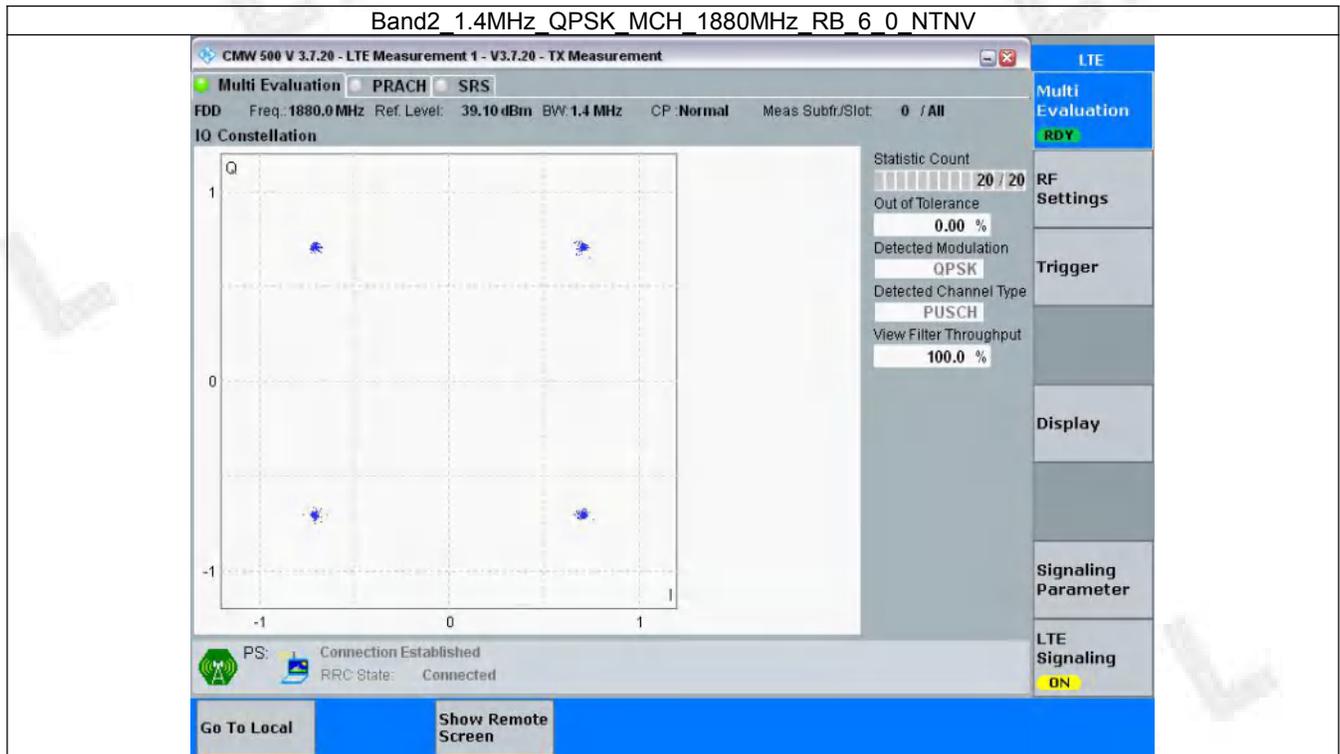
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

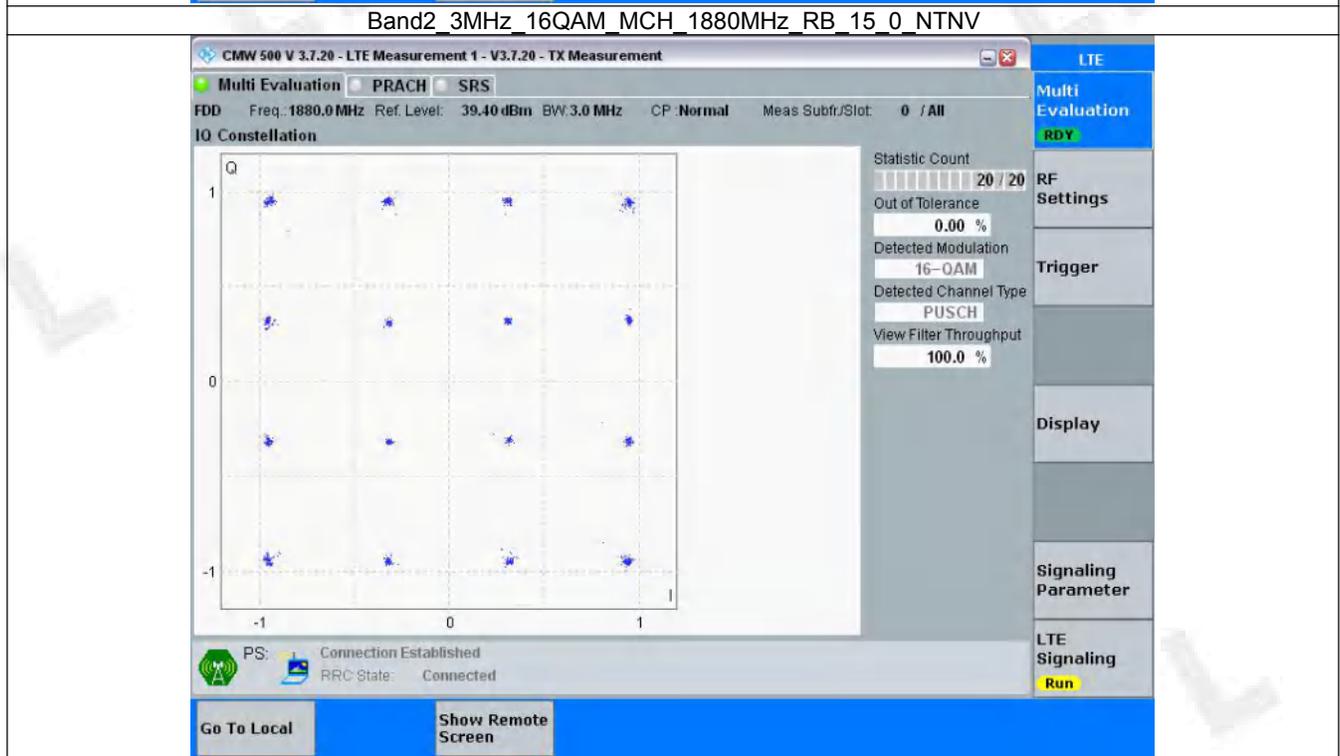
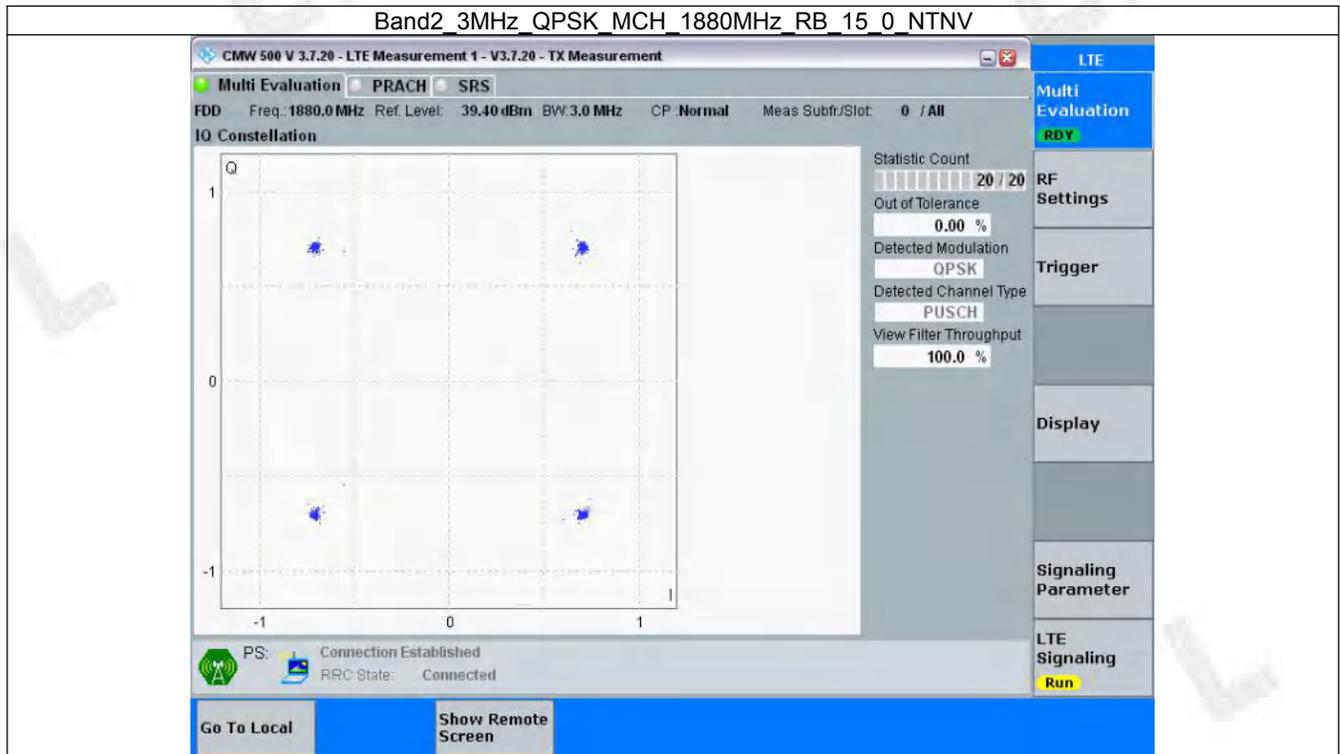


3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph	Pass	
16QAM	1880	15	0	Refer To Test Graph	Pass	

3.2.2 Test Graph

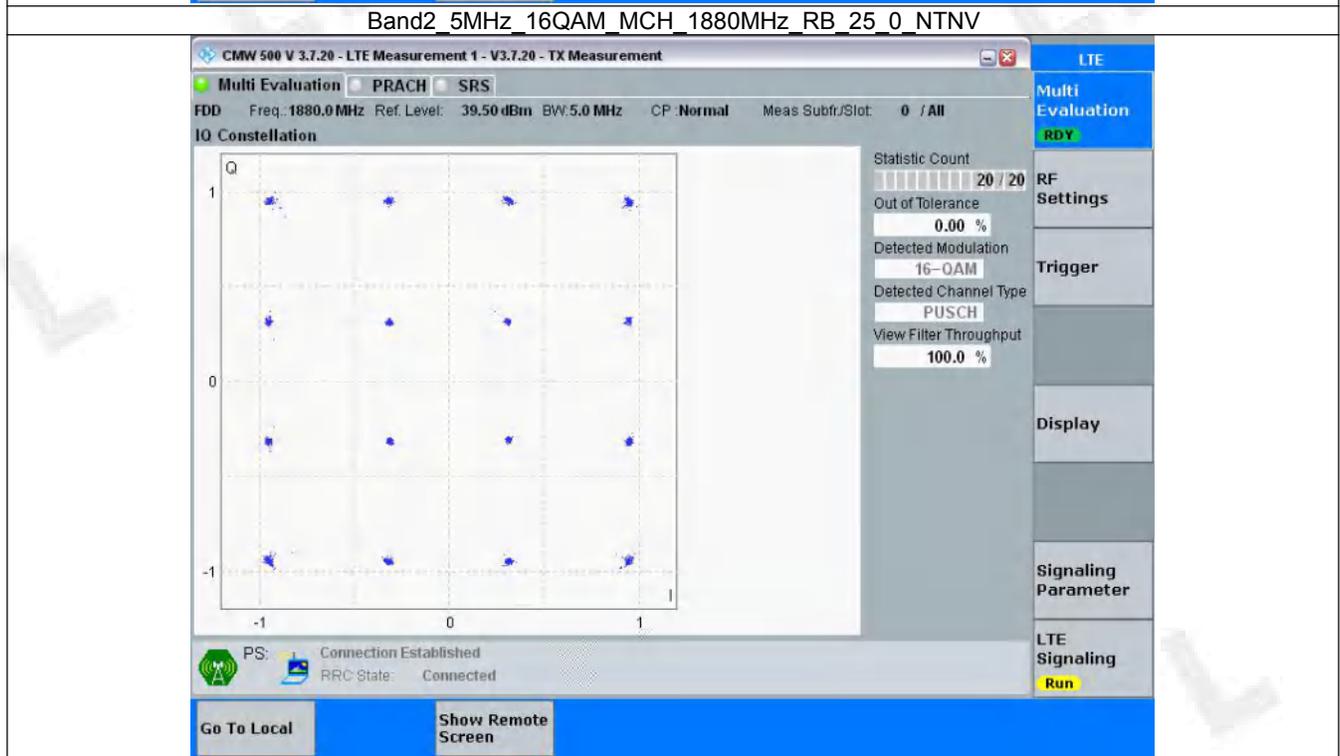
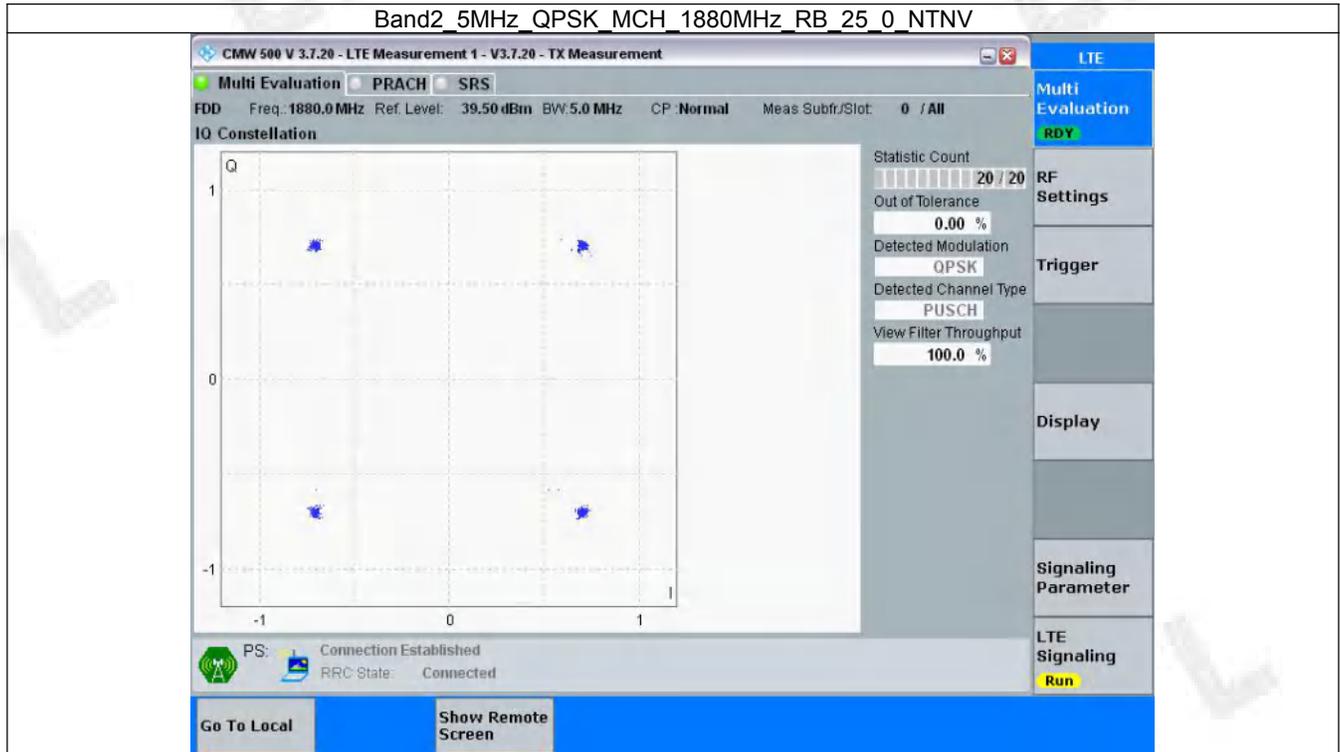


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph	Pass	
16QAM	1880	25	0	Refer To Test Graph	Pass	

3.3.2 Test Graph

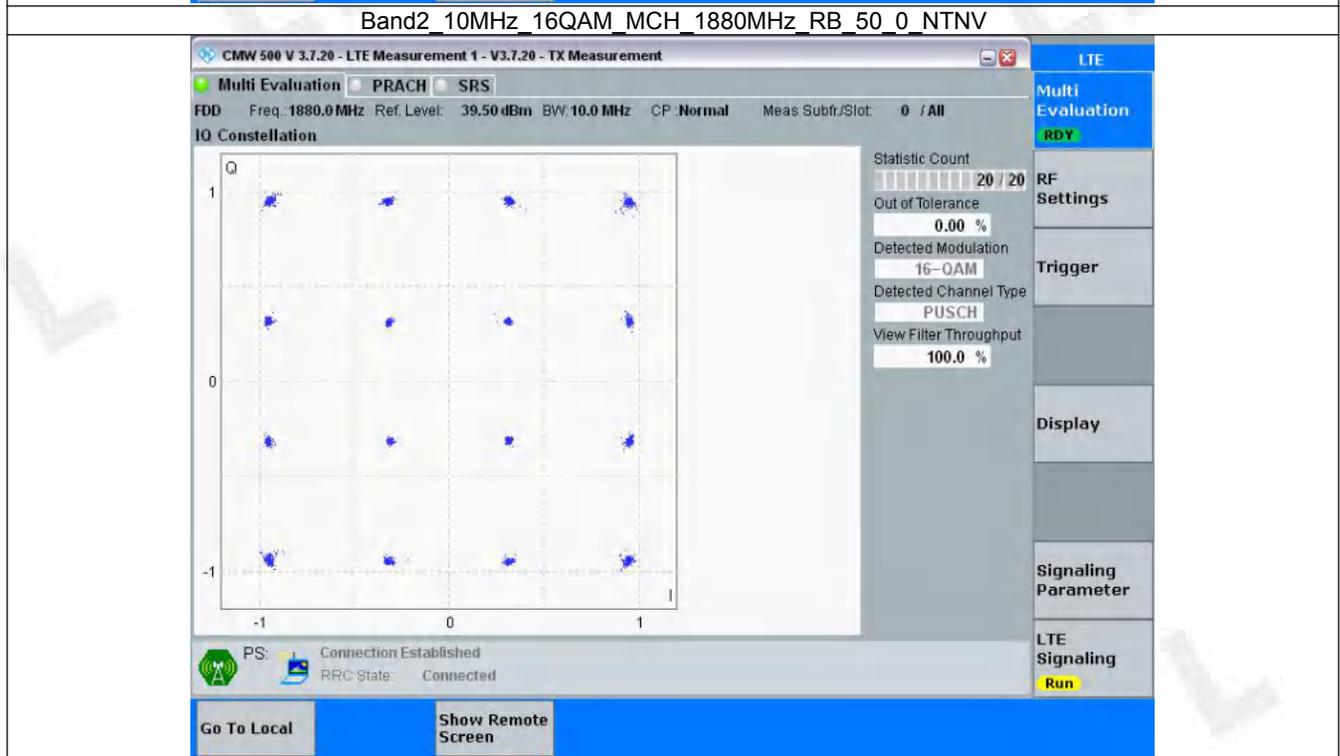
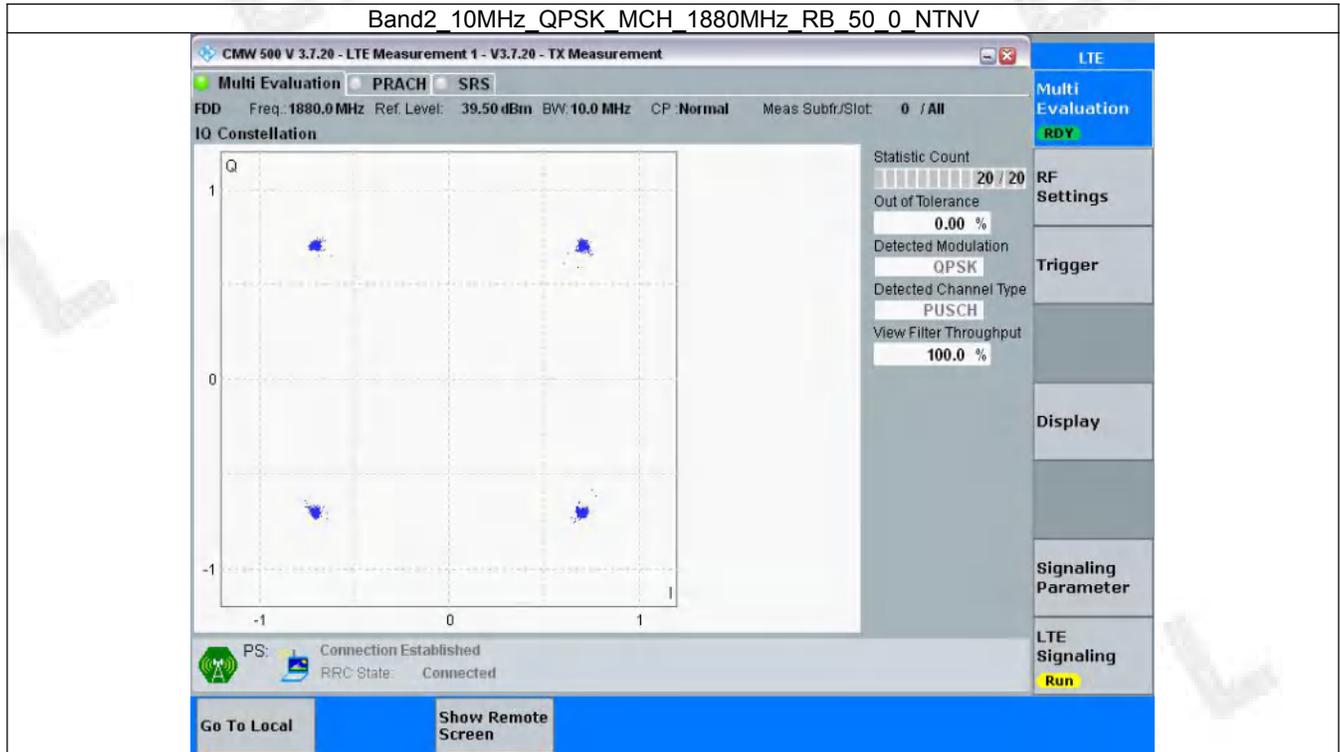


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph	Pass	
16QAM	1880	50	0	Refer To Test Graph	Pass	

3.4.2 Test Graph

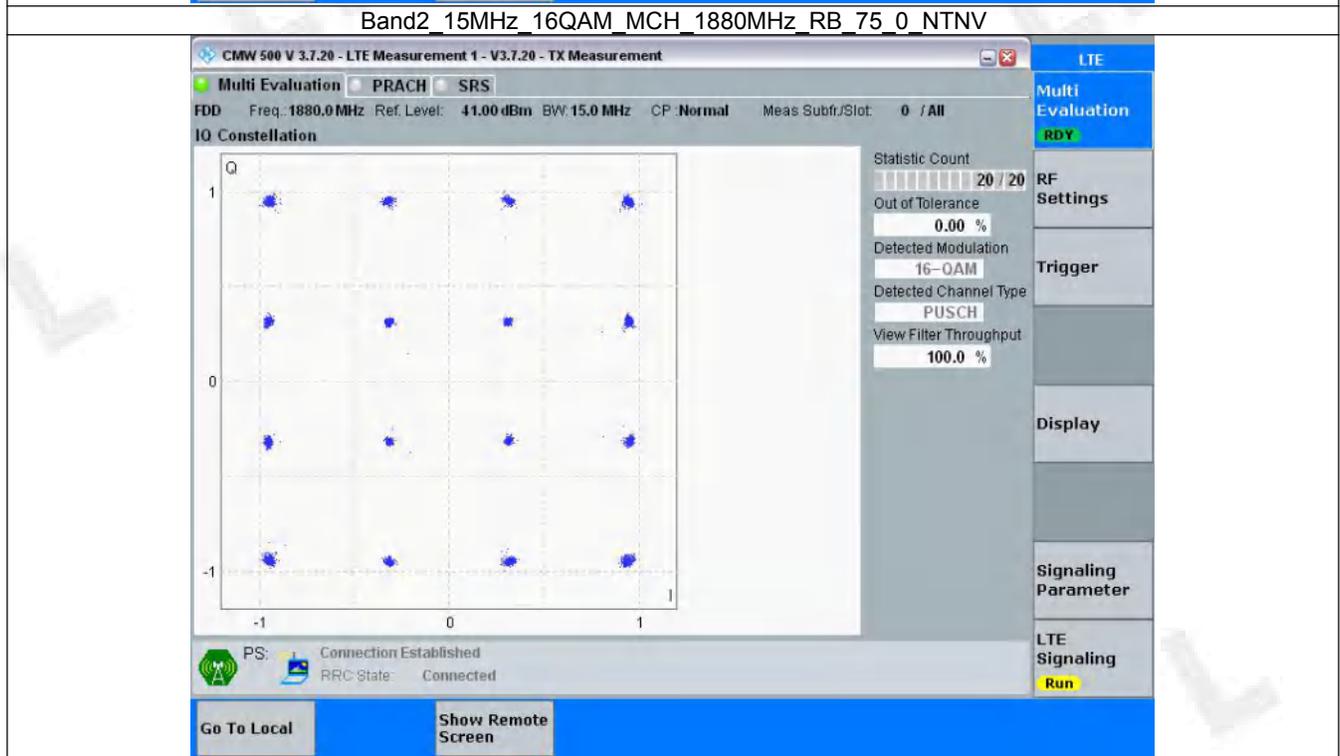
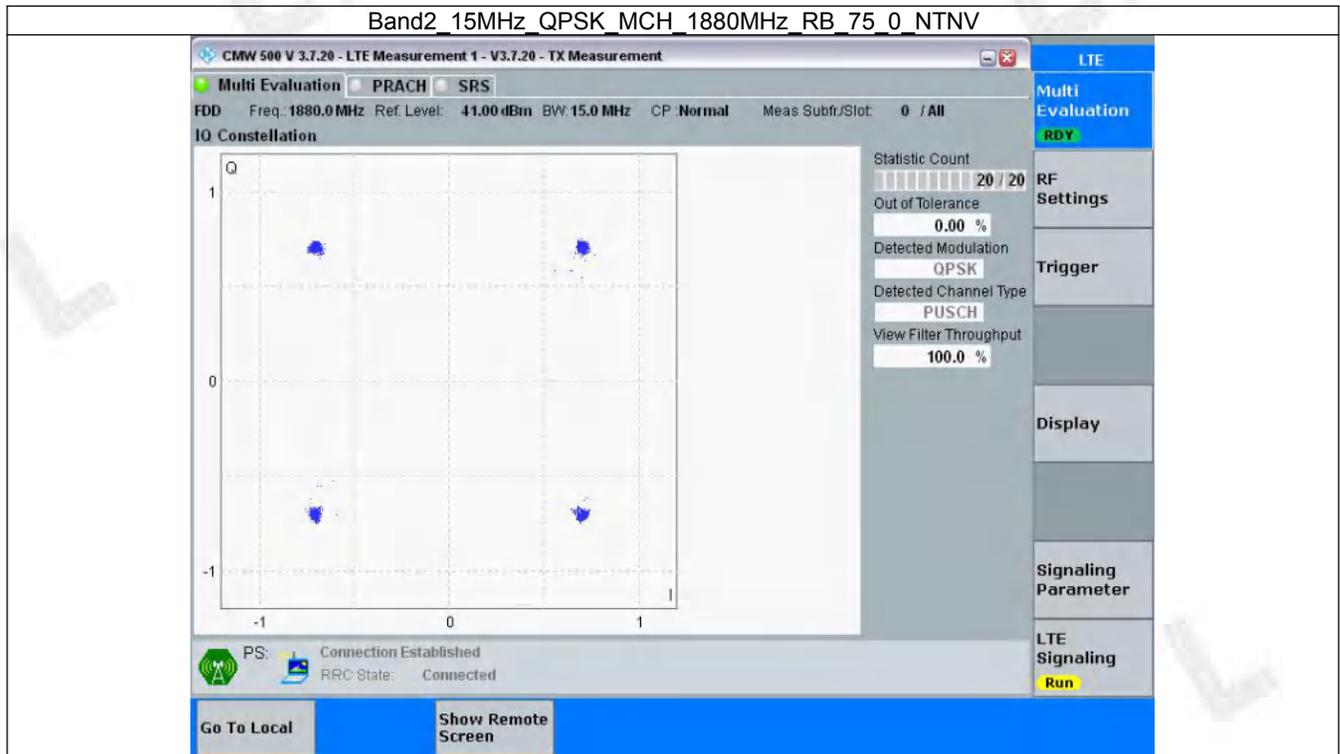


3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph	Pass	
16QAM	1880	75	0	Refer To Test Graph	Pass	

3.5.2 Test Graph

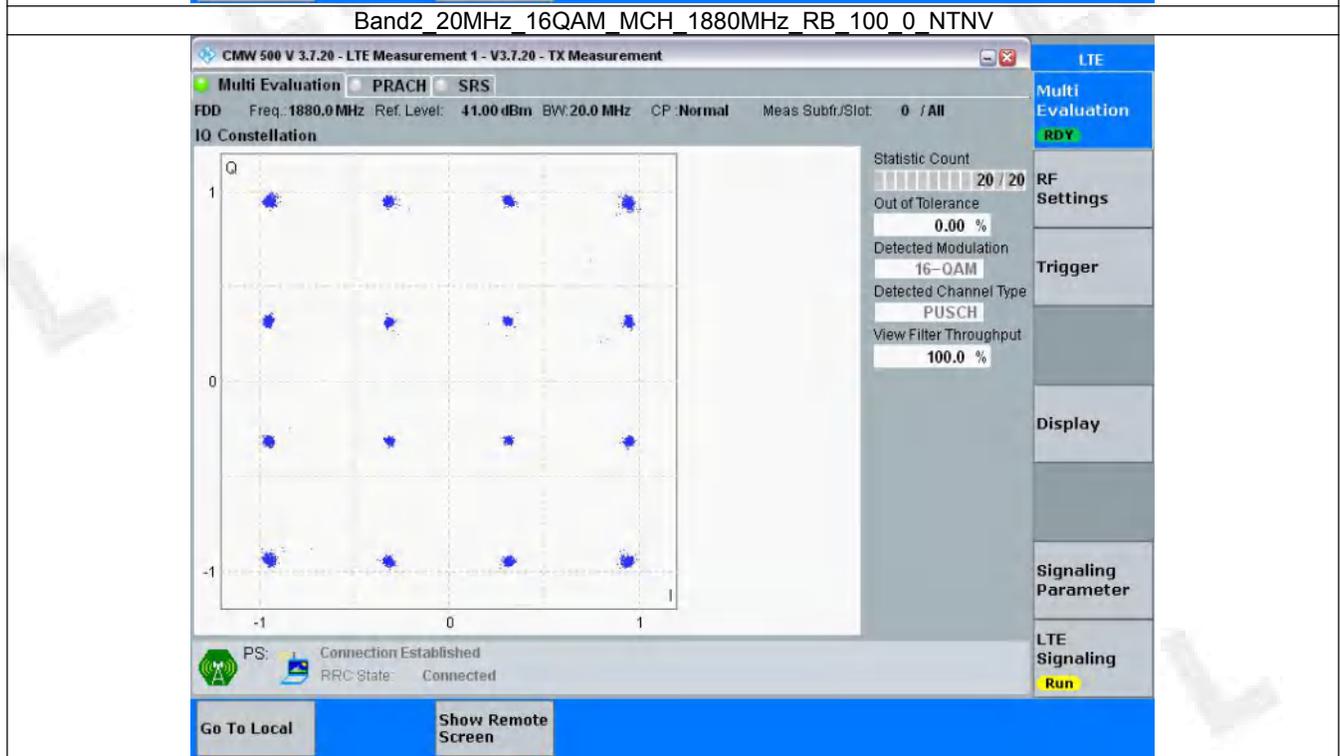
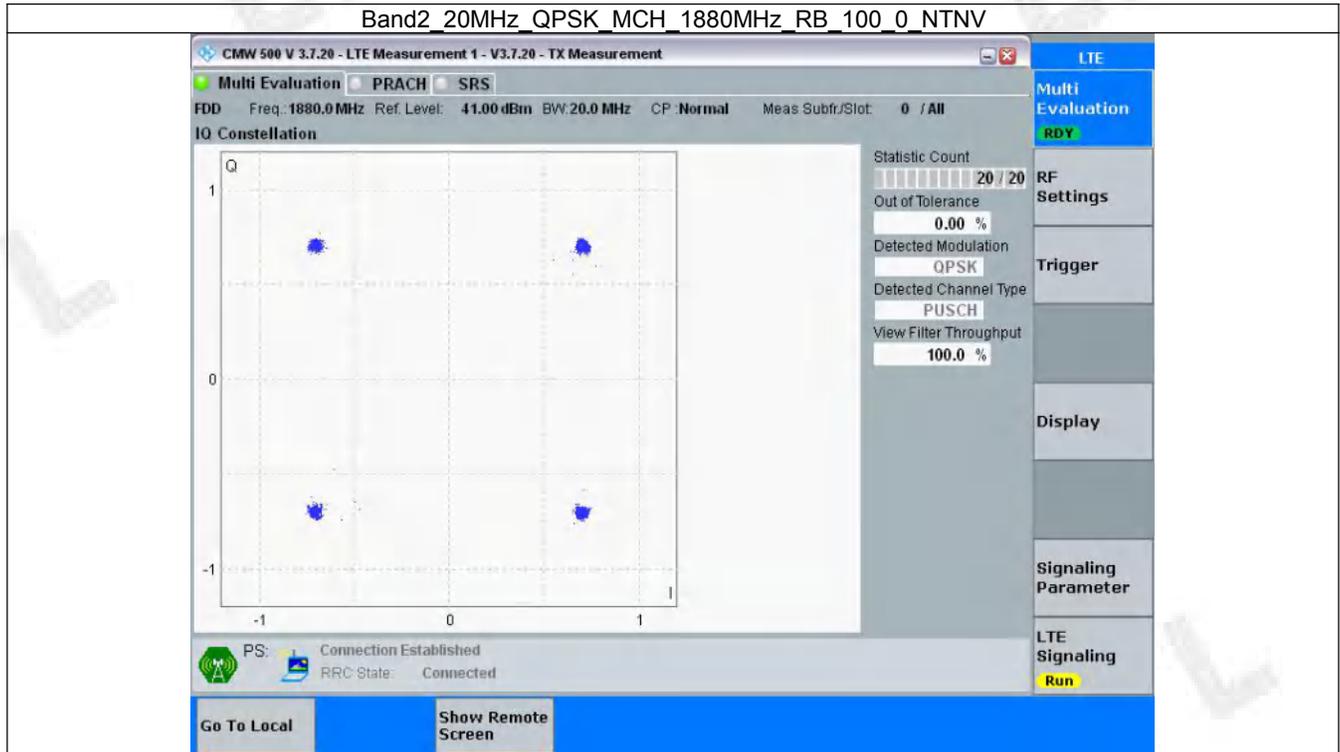


3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph	Pass	
16QAM	1880	100	0	Refer To Test Graph	Pass	

3.6.2 Test Graph



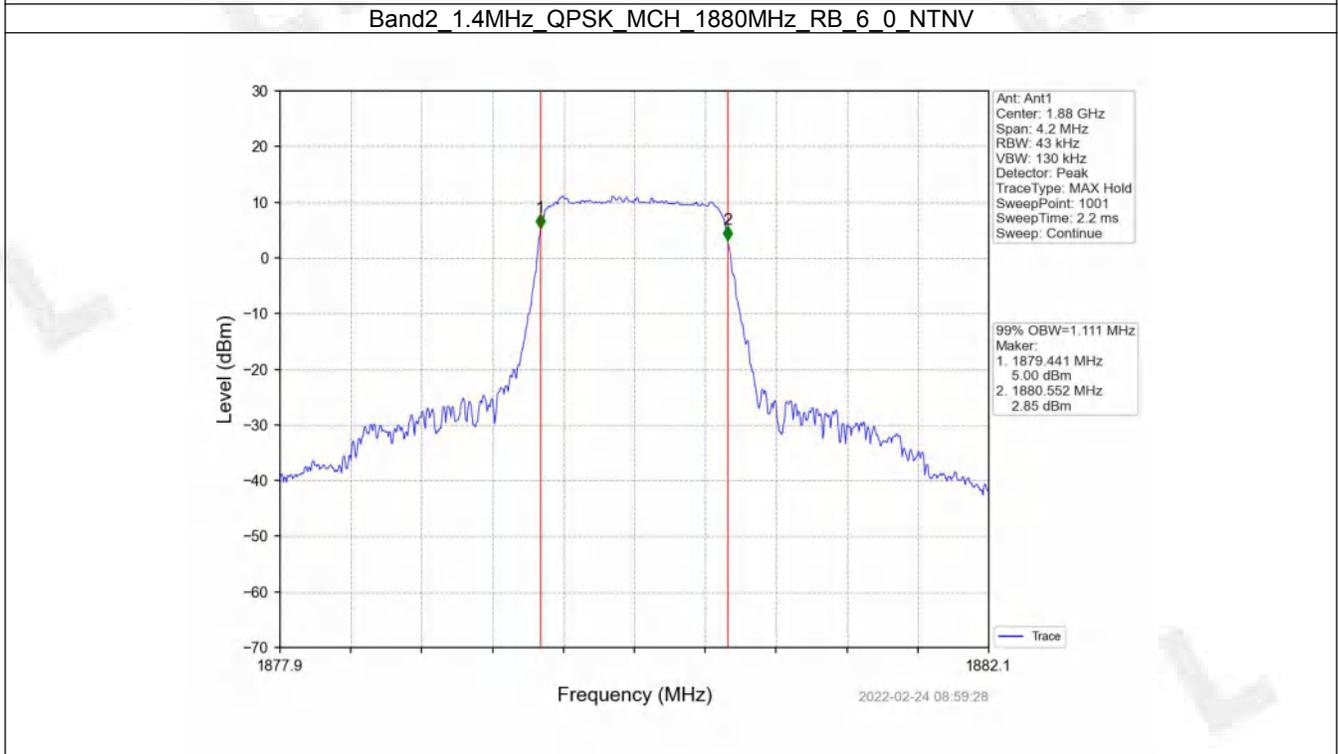
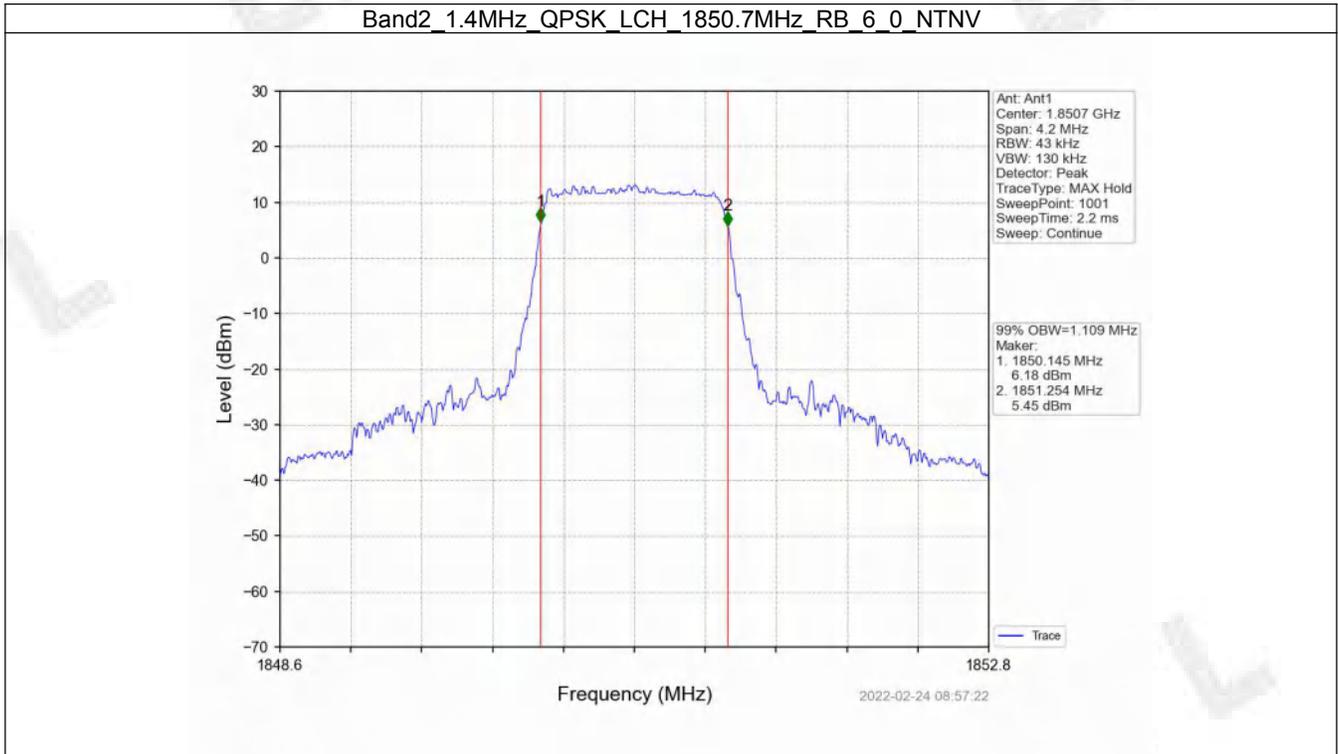
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

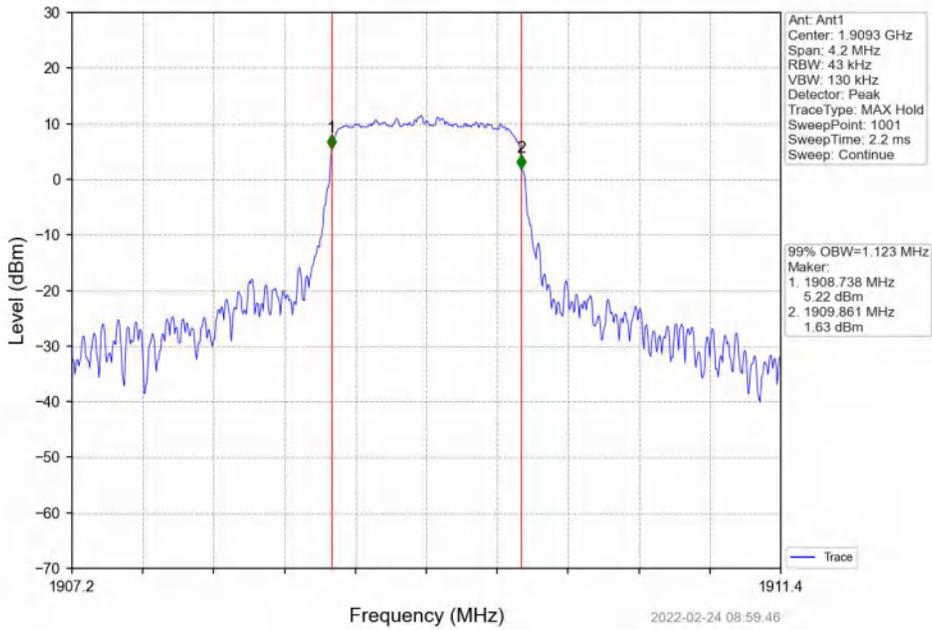
4.1.1 Test Result

Band: 2 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.109	Pass
		1880	6	0	1.111	Pass
		1909.3	6	0	1.123	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1880	6	0	1.111	Pass
		1909.3	6	0	1.112	Pass
3	QPSK	1851.5	15	0	2.733	Pass
		1880	15	0	2.729	Pass
		1908.5	15	0	2.728	Pass
	16QAM	1851.5	15	0	2.735	Pass
		1880	15	0	2.726	Pass
		1908.5	15	0	2.721	Pass
5	QPSK	1852.5	25	0	4.559	Pass
		1880	25	0	4.562	Pass
		1907.5	25	0	4.569	Pass
	16QAM	1852.5	25	0	4.590	Pass
		1880	25	0	4.588	Pass
		1907.5	25	0	4.552	Pass
10	QPSK	1855	50	0	9.120	Pass
		1880	50	0	9.058	Pass
		1905	50	0	9.054	Pass
	16QAM	1855	50	0	9.117	Pass
		1880	50	0	9.050	Pass
		1905	50	0	9.030	Pass
15	QPSK	1857.5	75	0	13.702	Pass
		1880	75	0	13.546	Pass
		1902.5	75	0	13.523	Pass
	16QAM	1857.5	75	0	13.688	Pass
		1880	75	0	13.584	Pass
		1902.5	75	0	13.540	Pass
20	QPSK	1860	100	0	18.195	Pass
		1880	100	0	17.999	Pass
		1900	100	0	18.068	Pass
	16QAM	1860	100	0	18.225	Pass
		1880	100	0	18.046	Pass
		1900	100	0	18.016	Pass

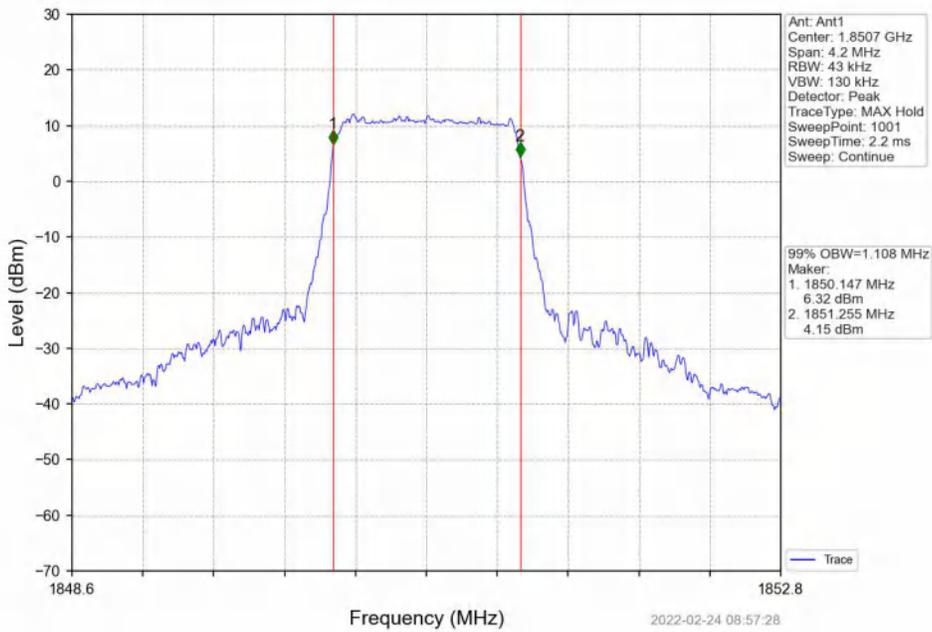
4.1.2 Test Graph



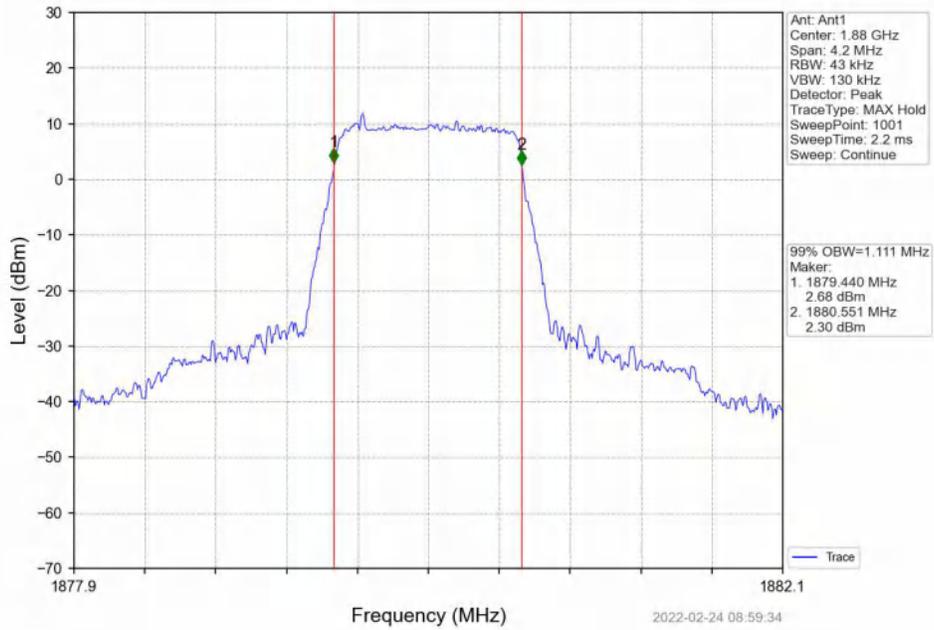
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



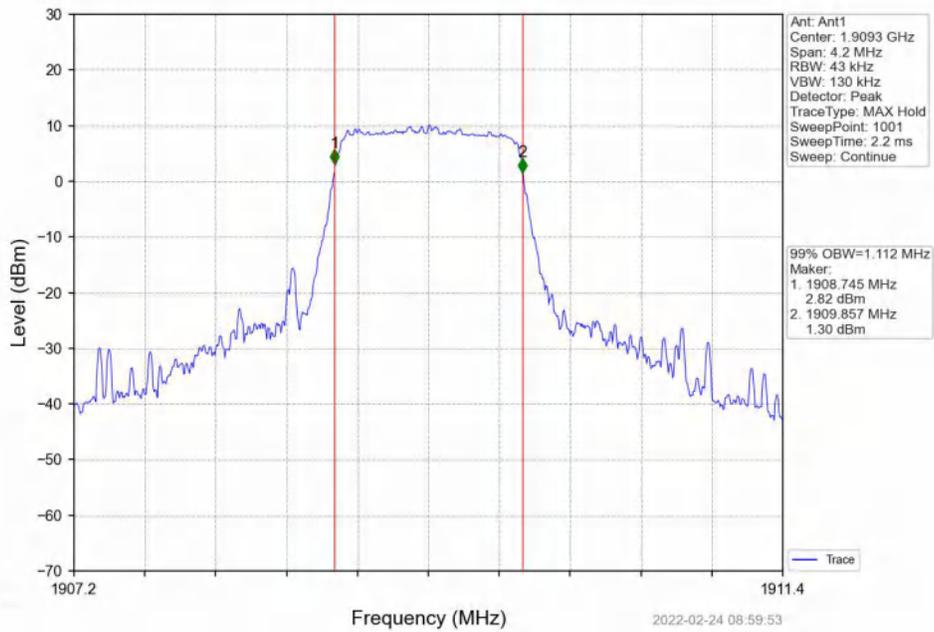
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



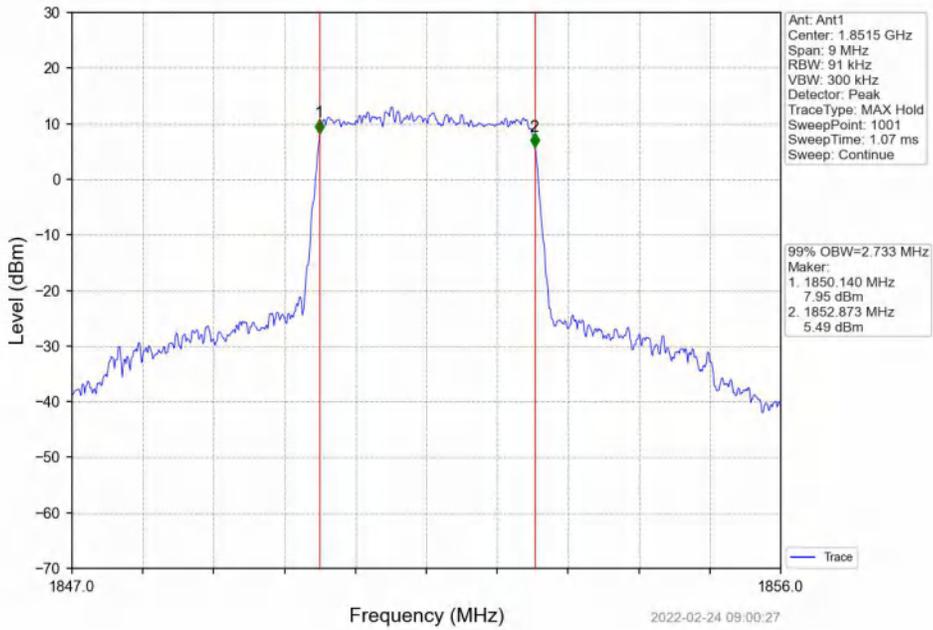
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



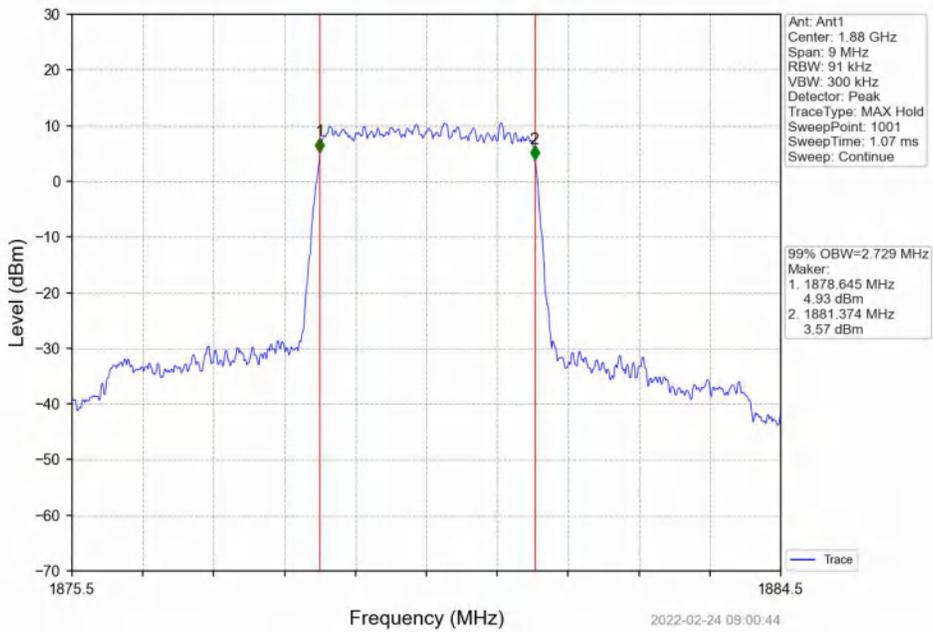
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



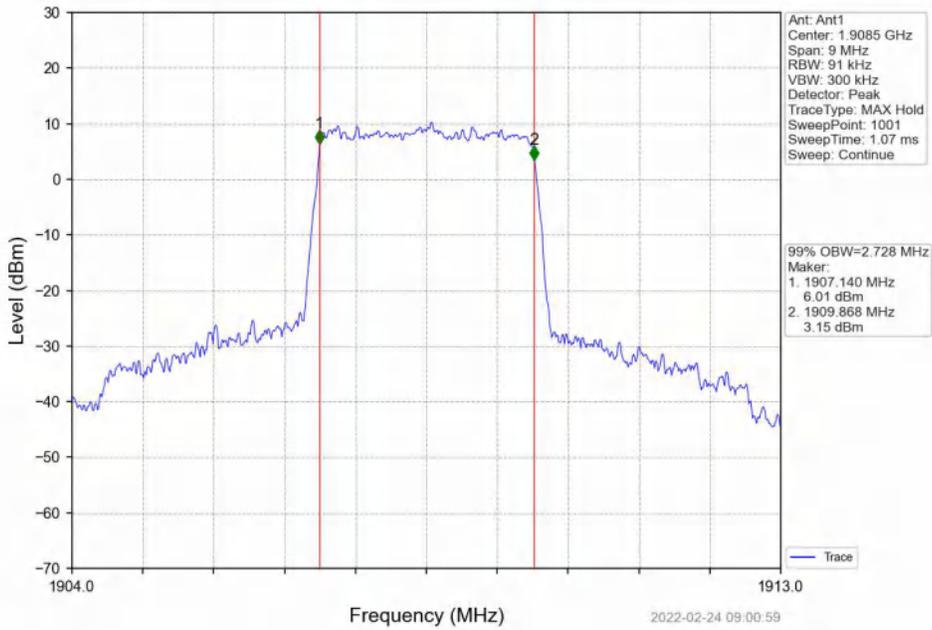
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



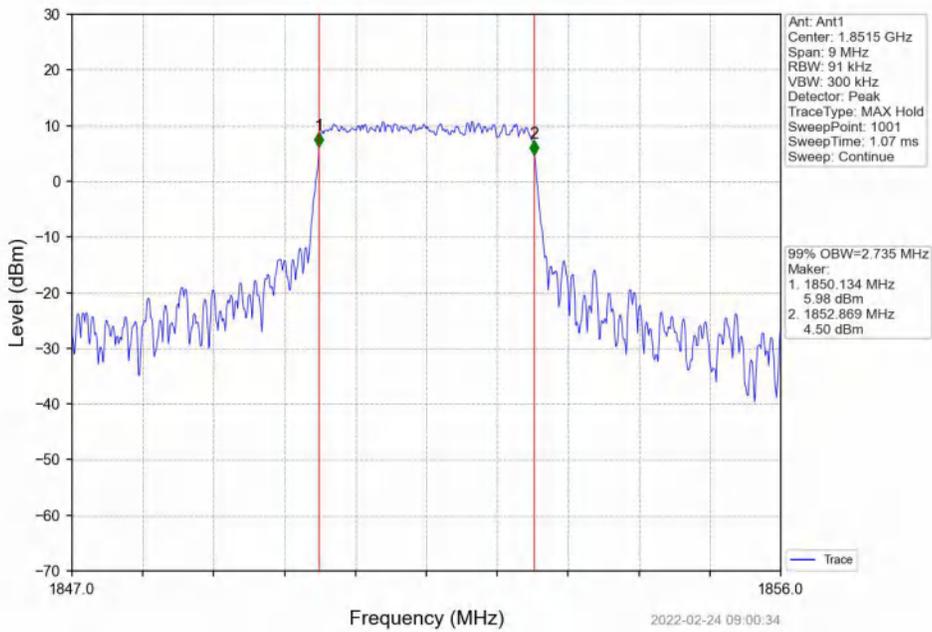
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



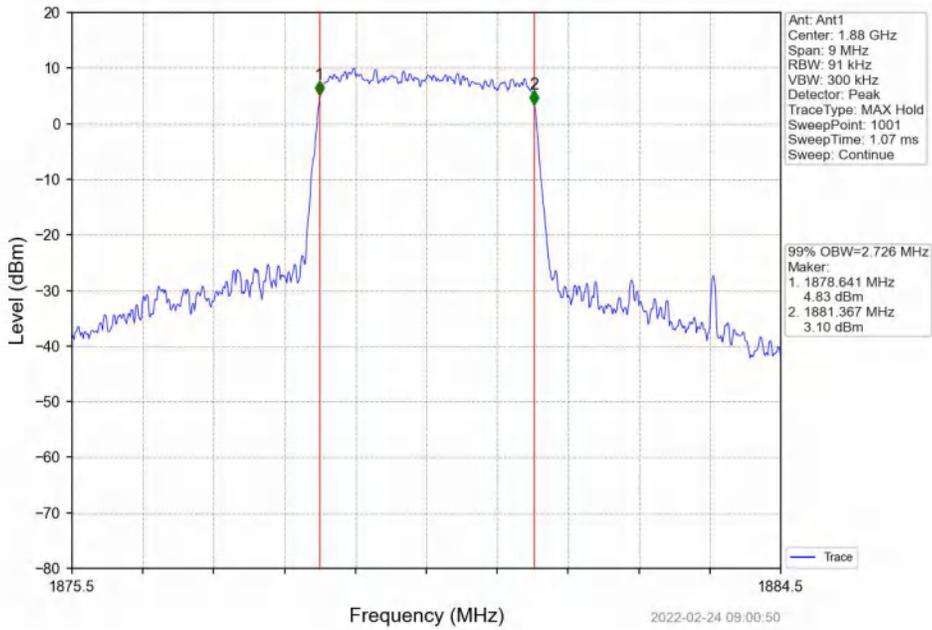
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



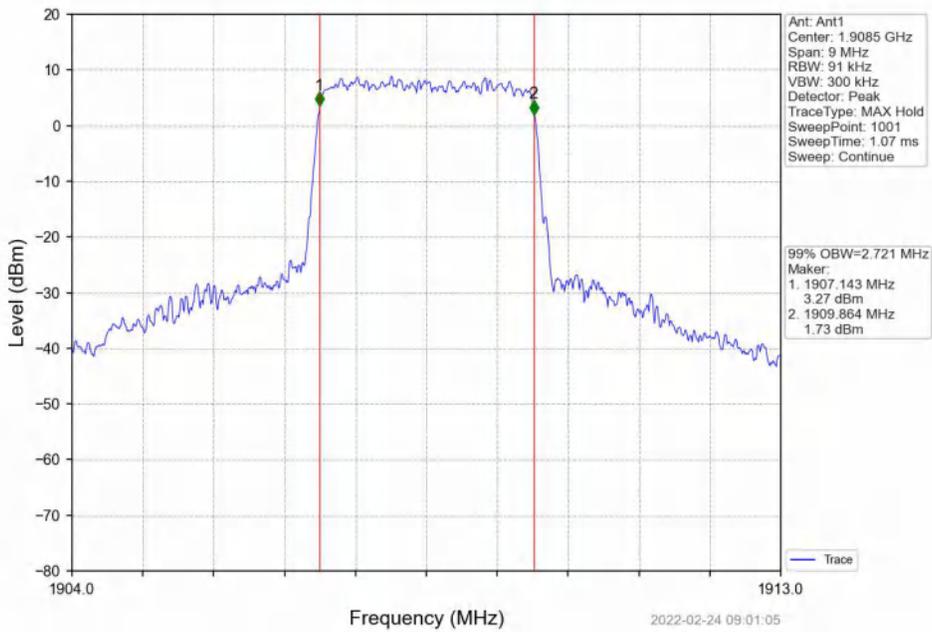
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



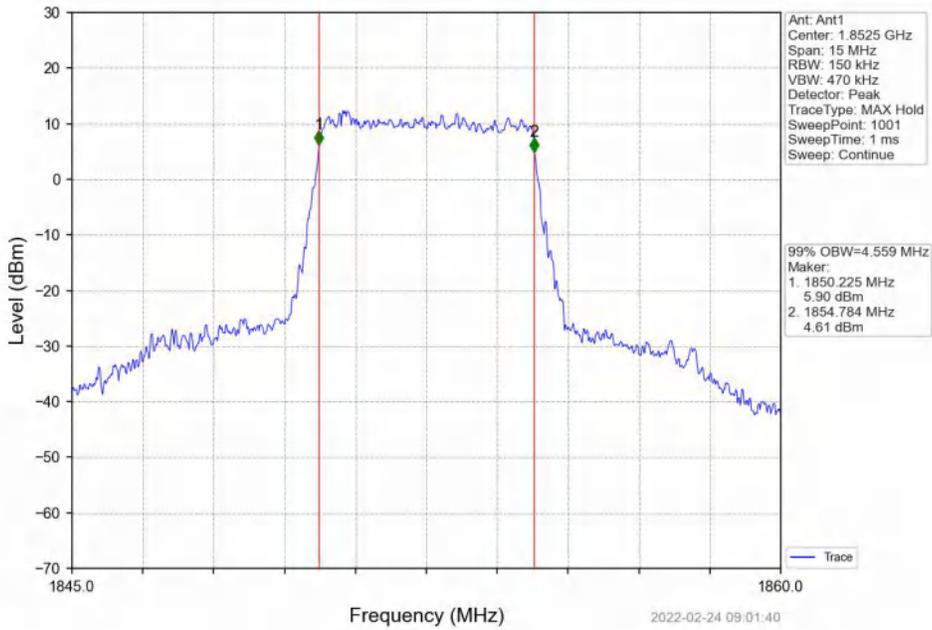
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



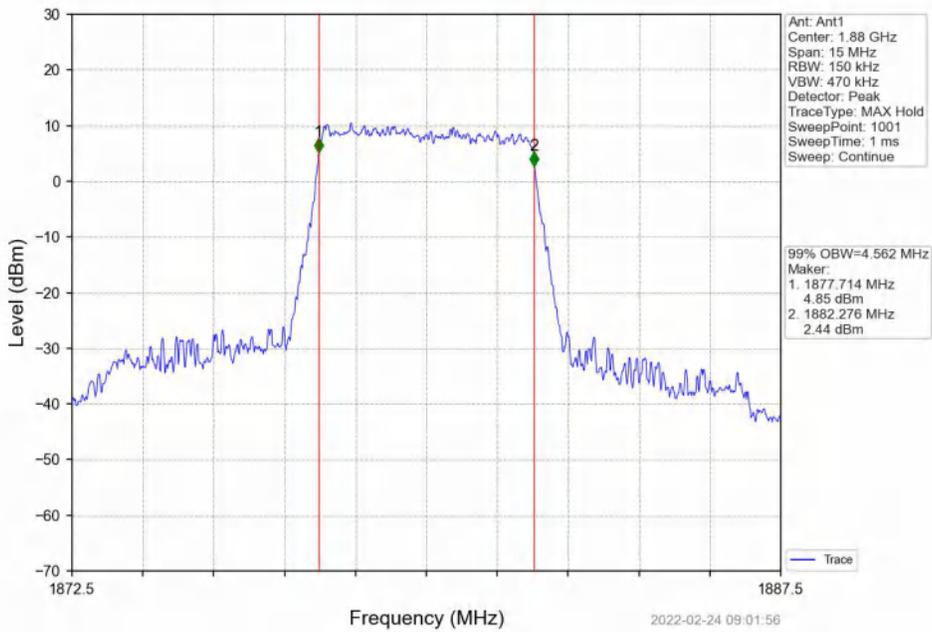
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



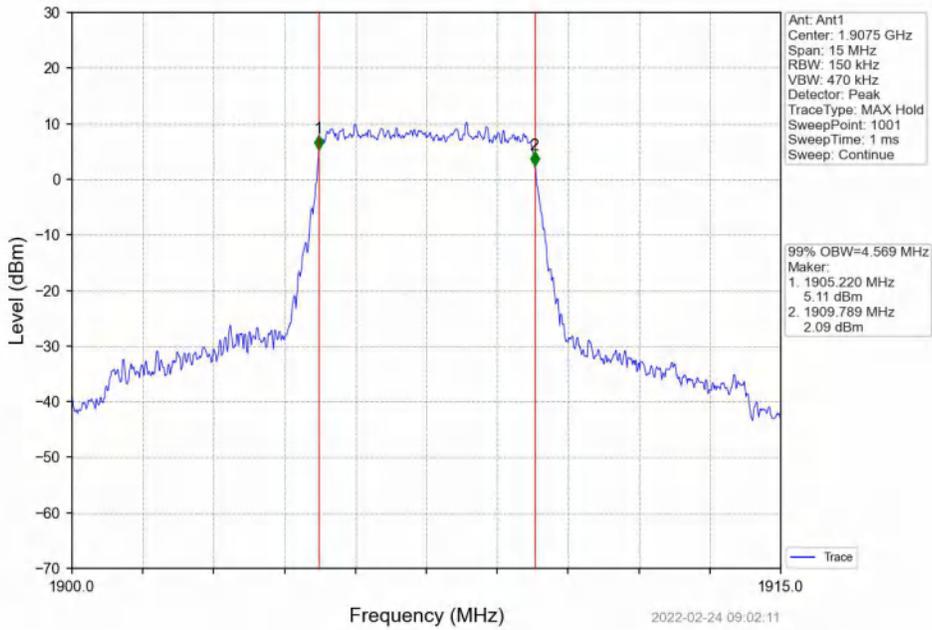
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



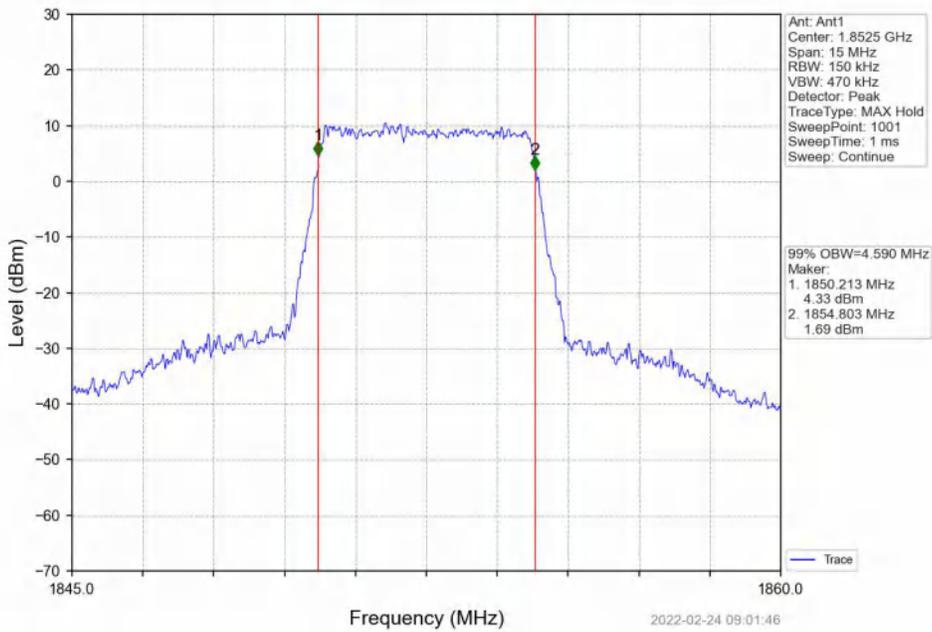
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



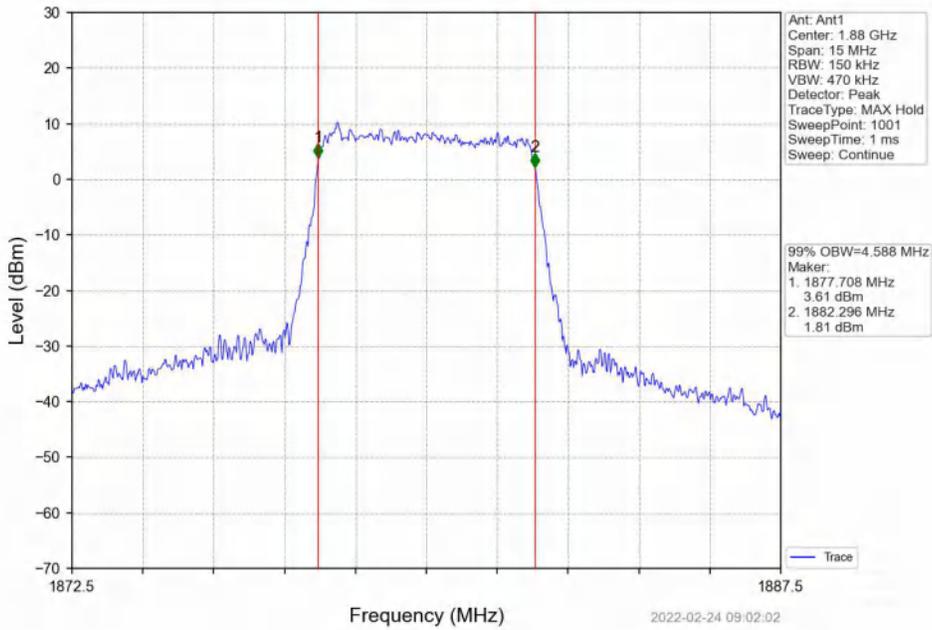
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



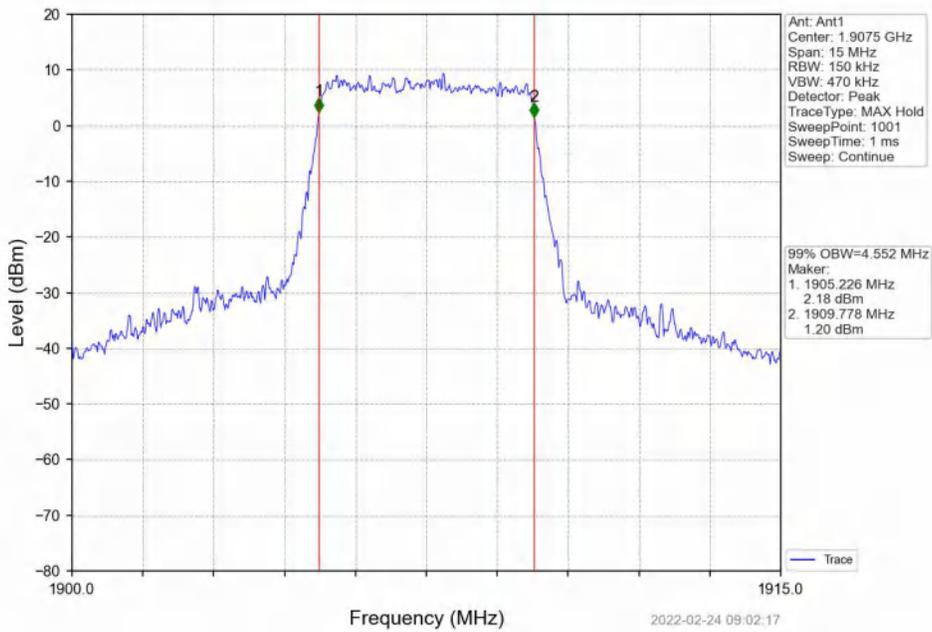
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



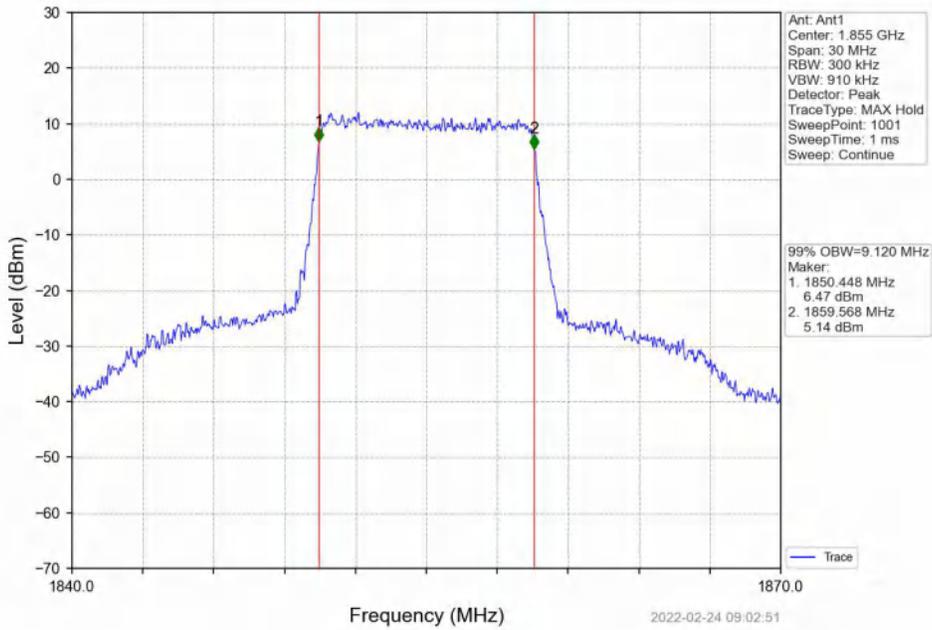
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



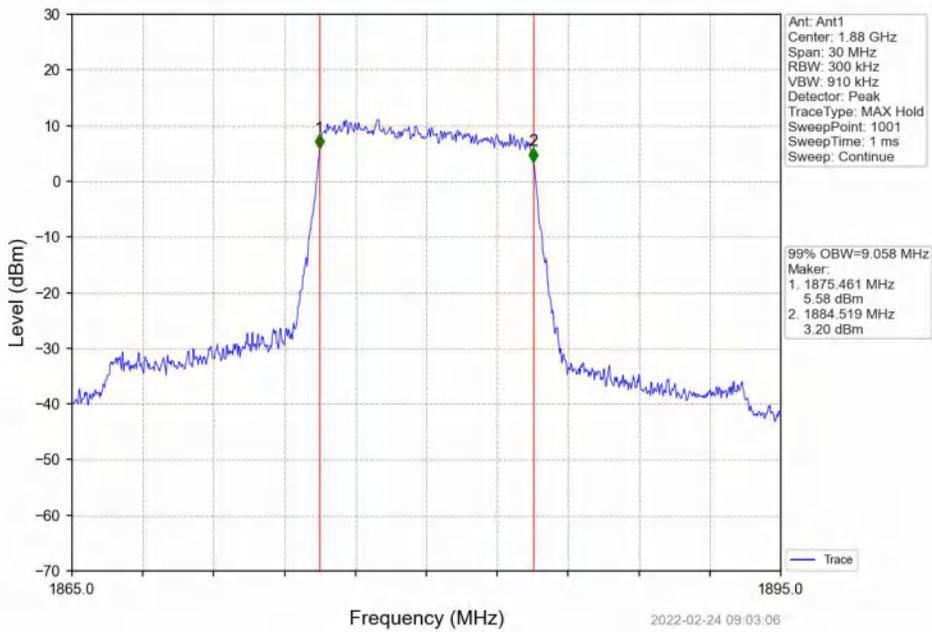
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



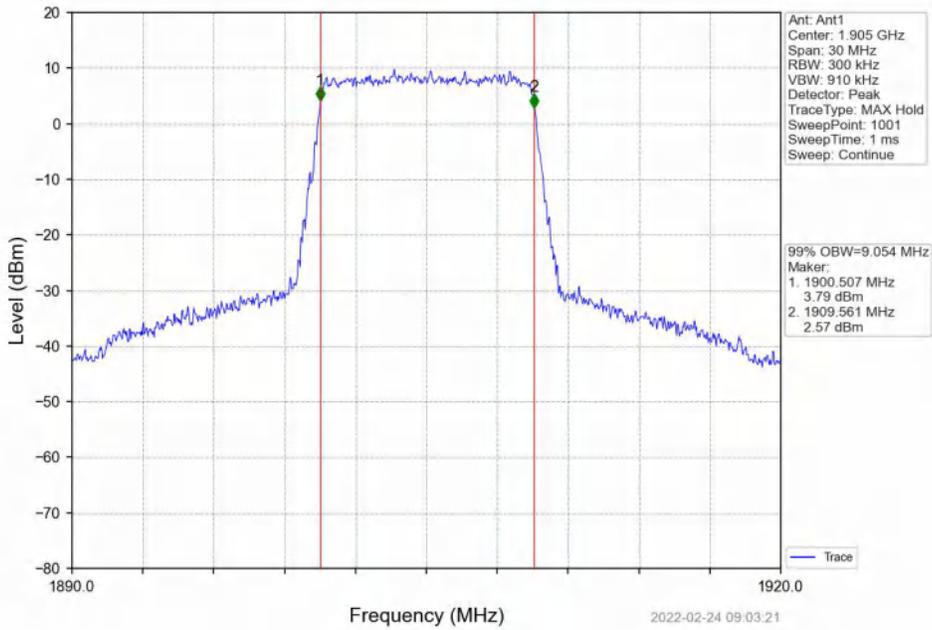
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



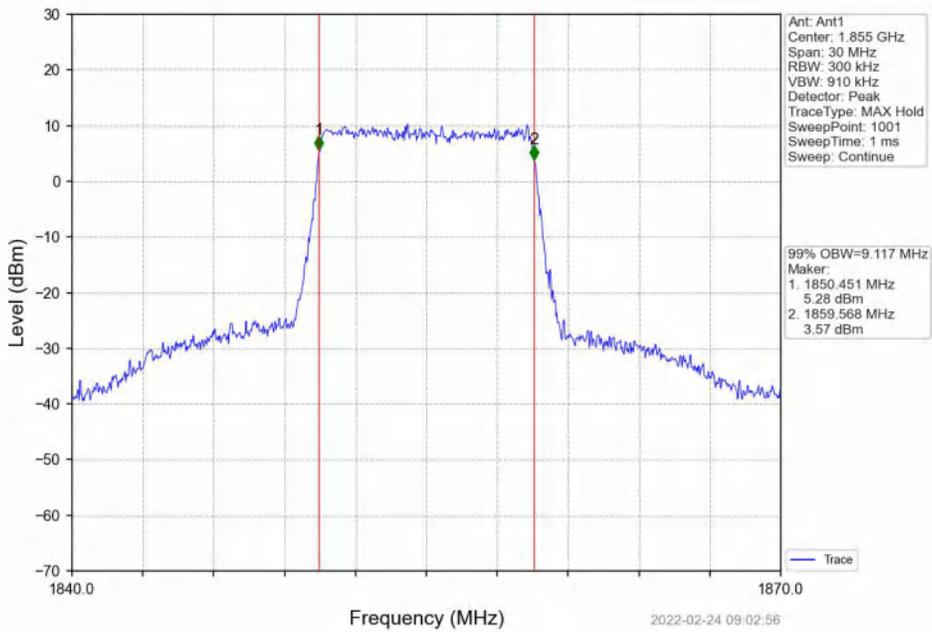
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



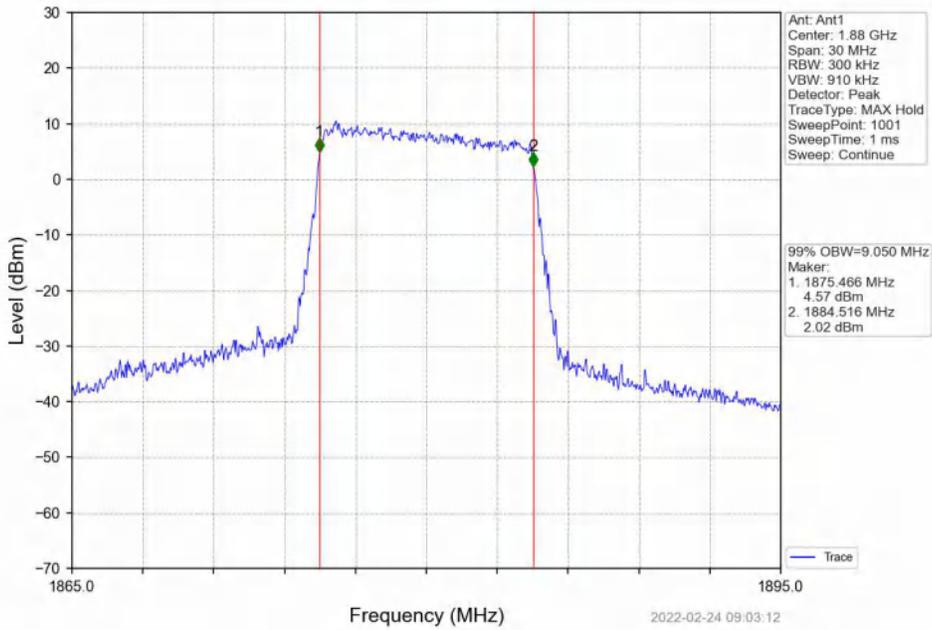
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



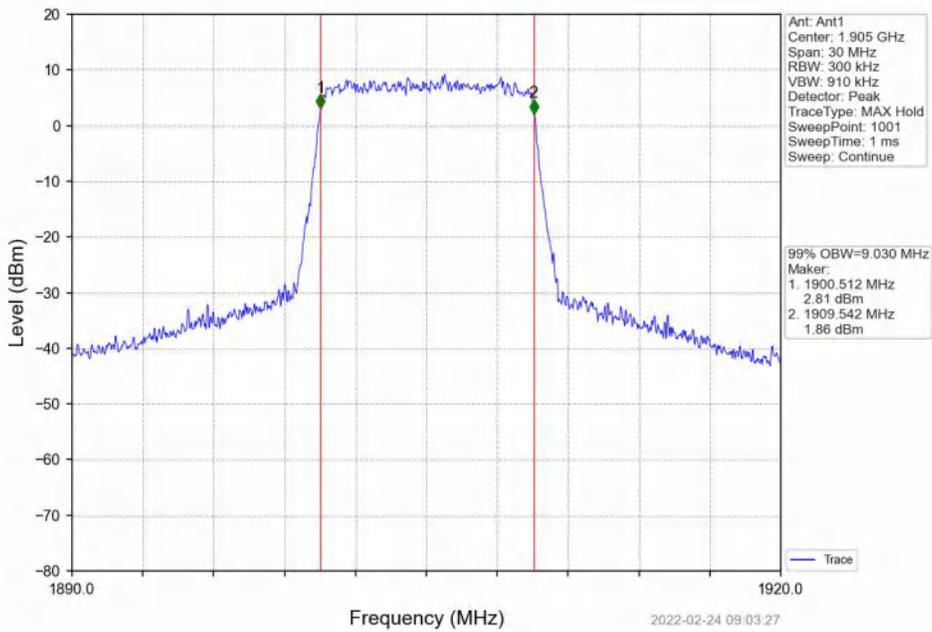
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



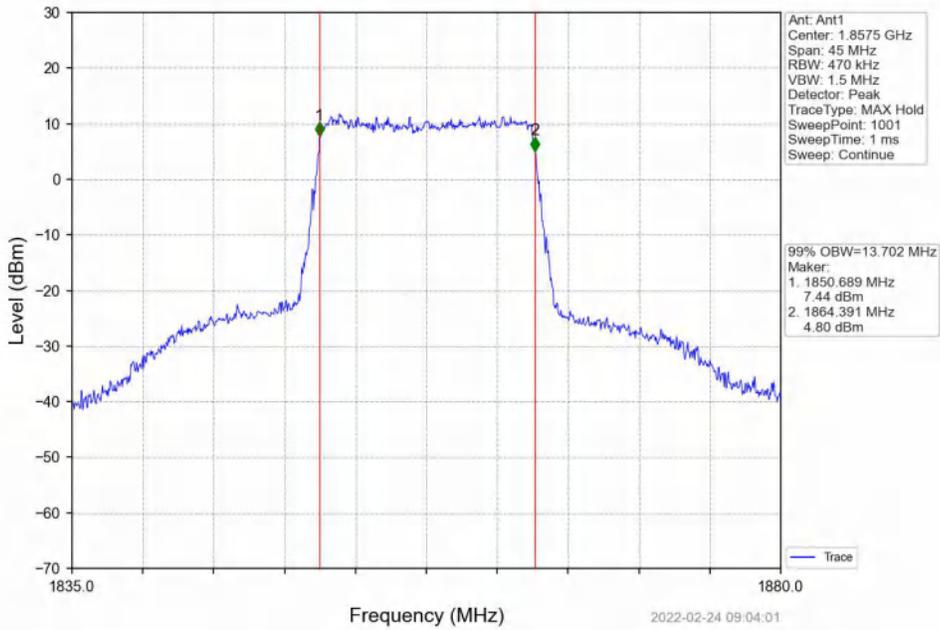
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



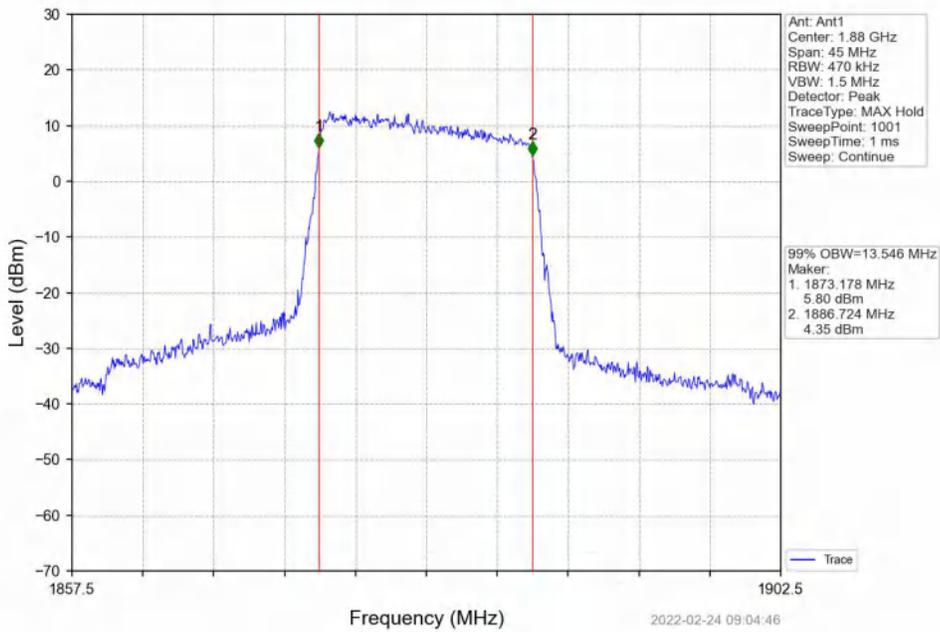
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



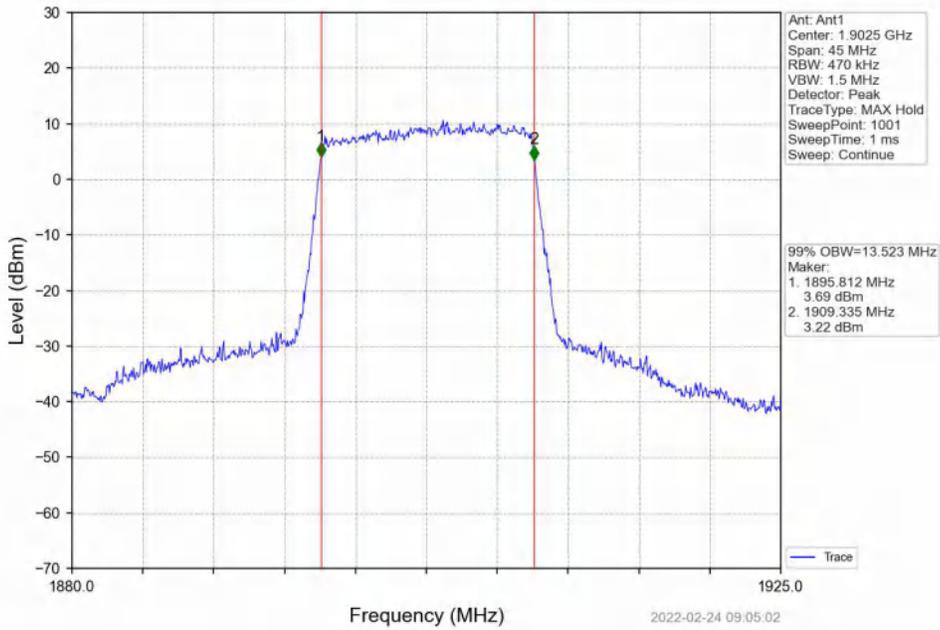
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



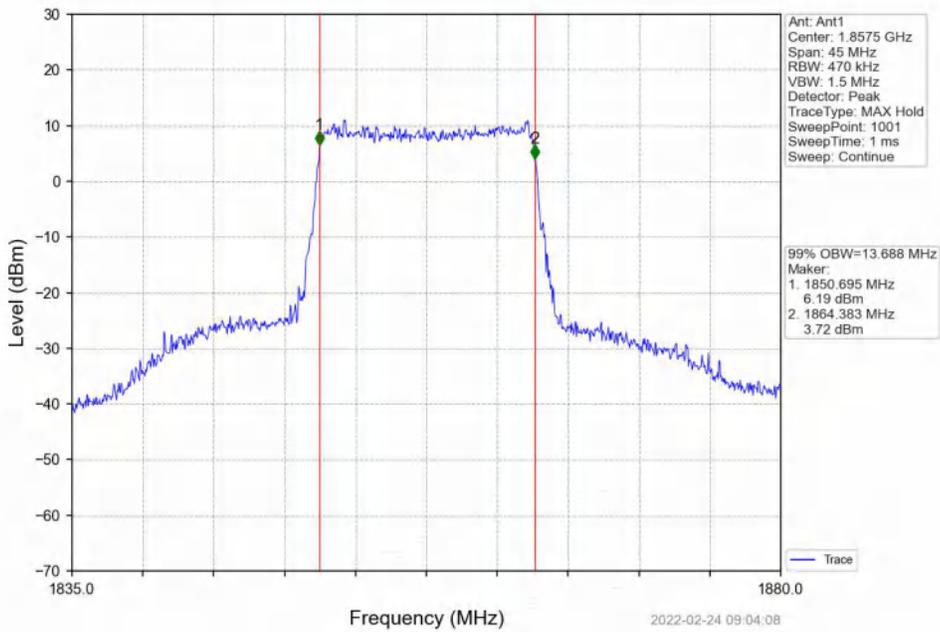
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



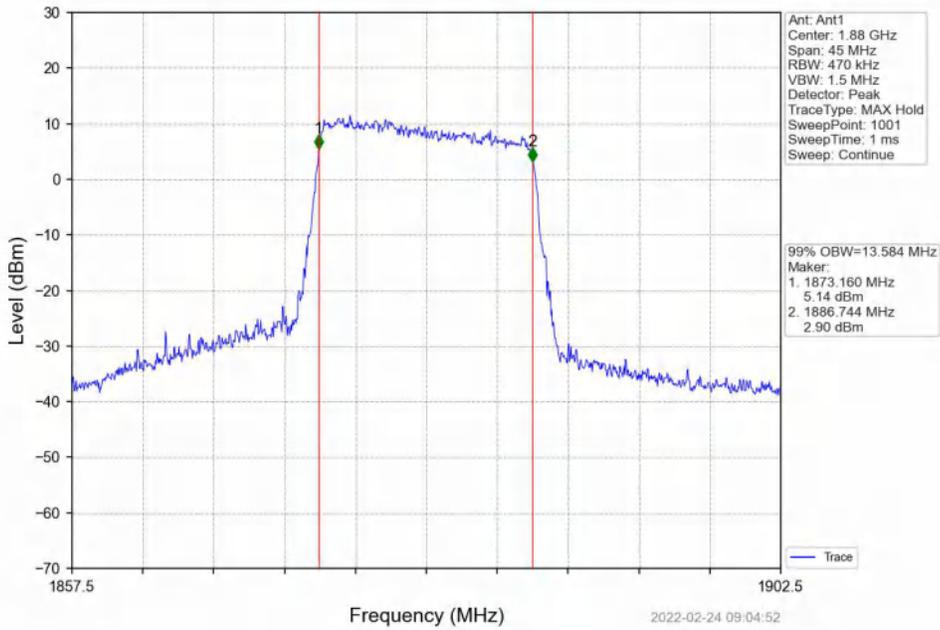
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



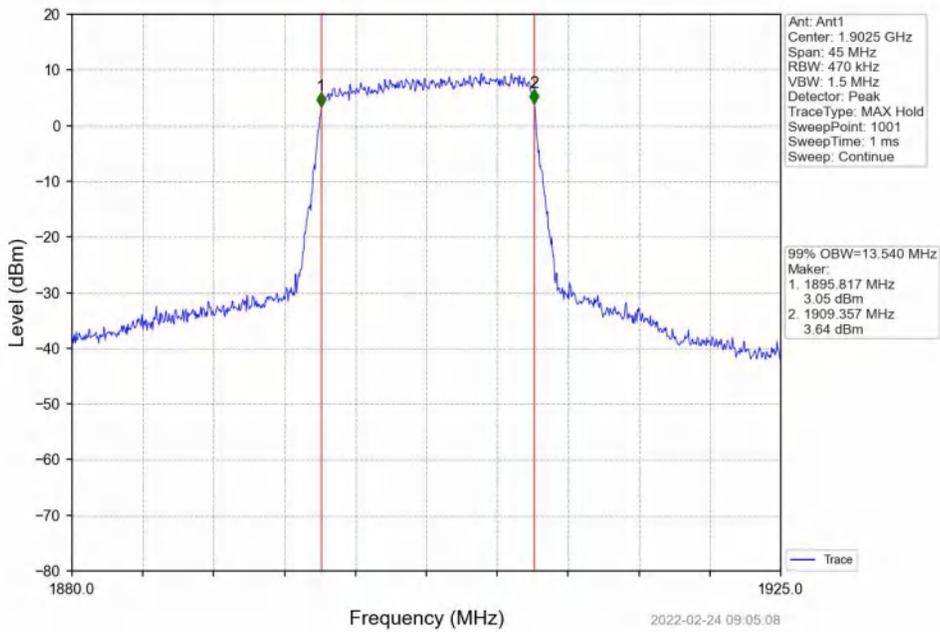
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



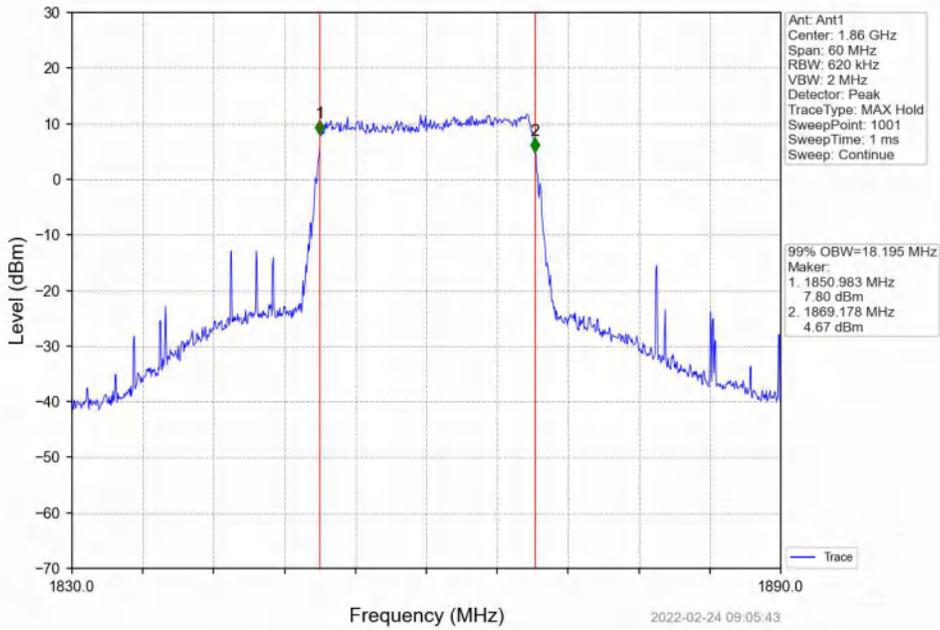
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



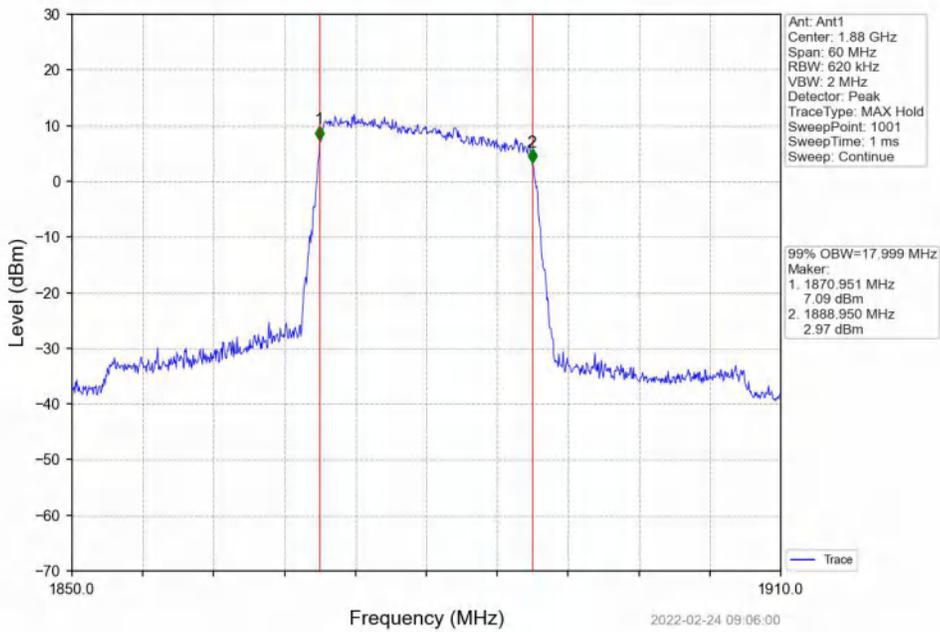
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



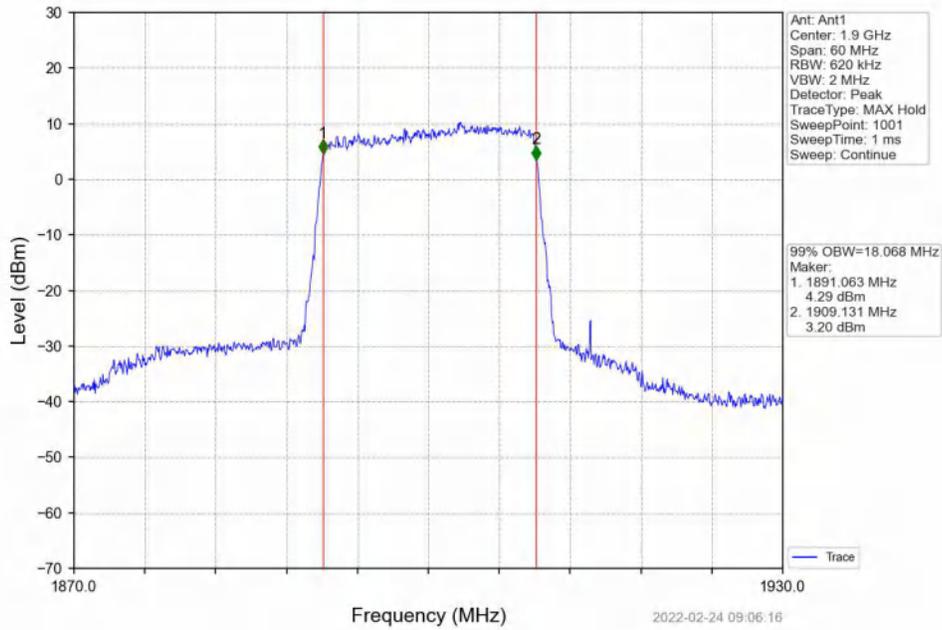
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



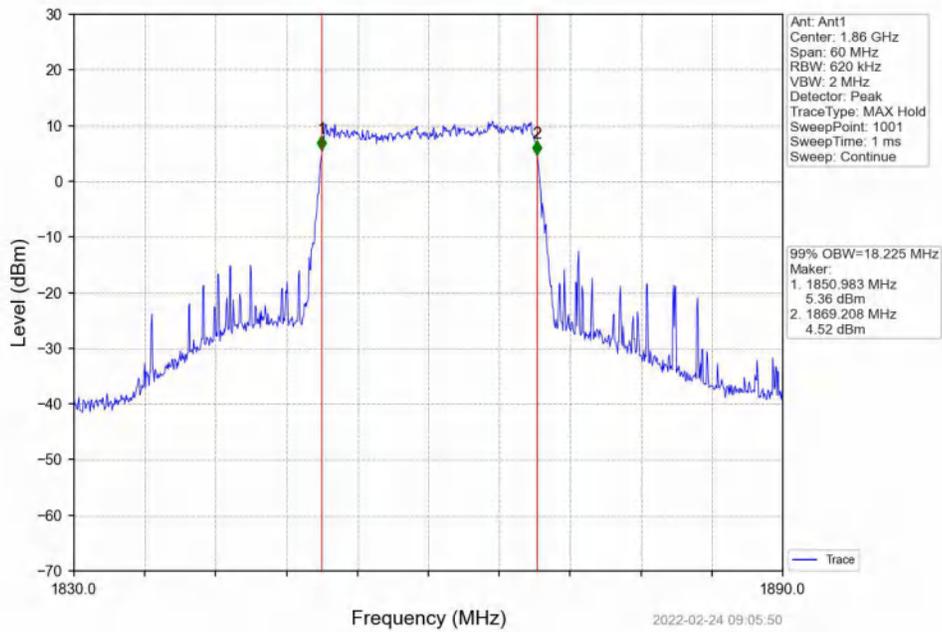
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

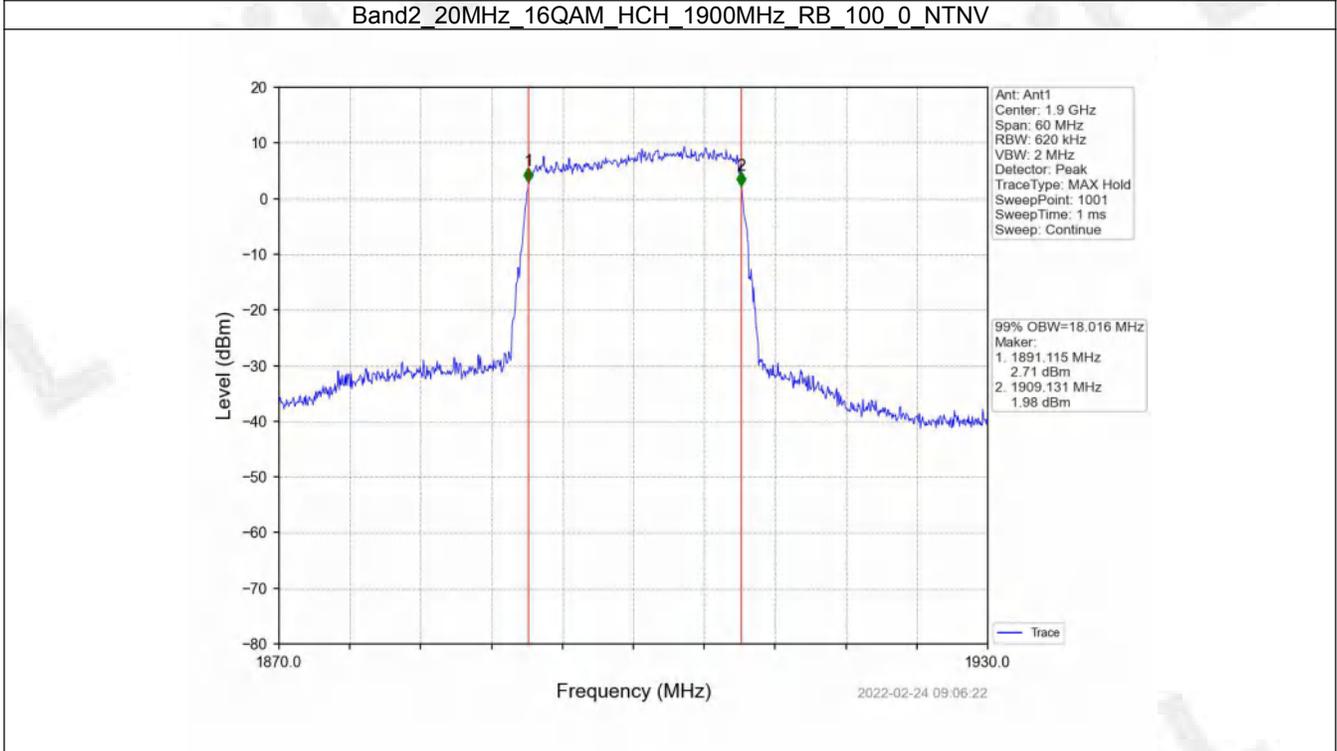
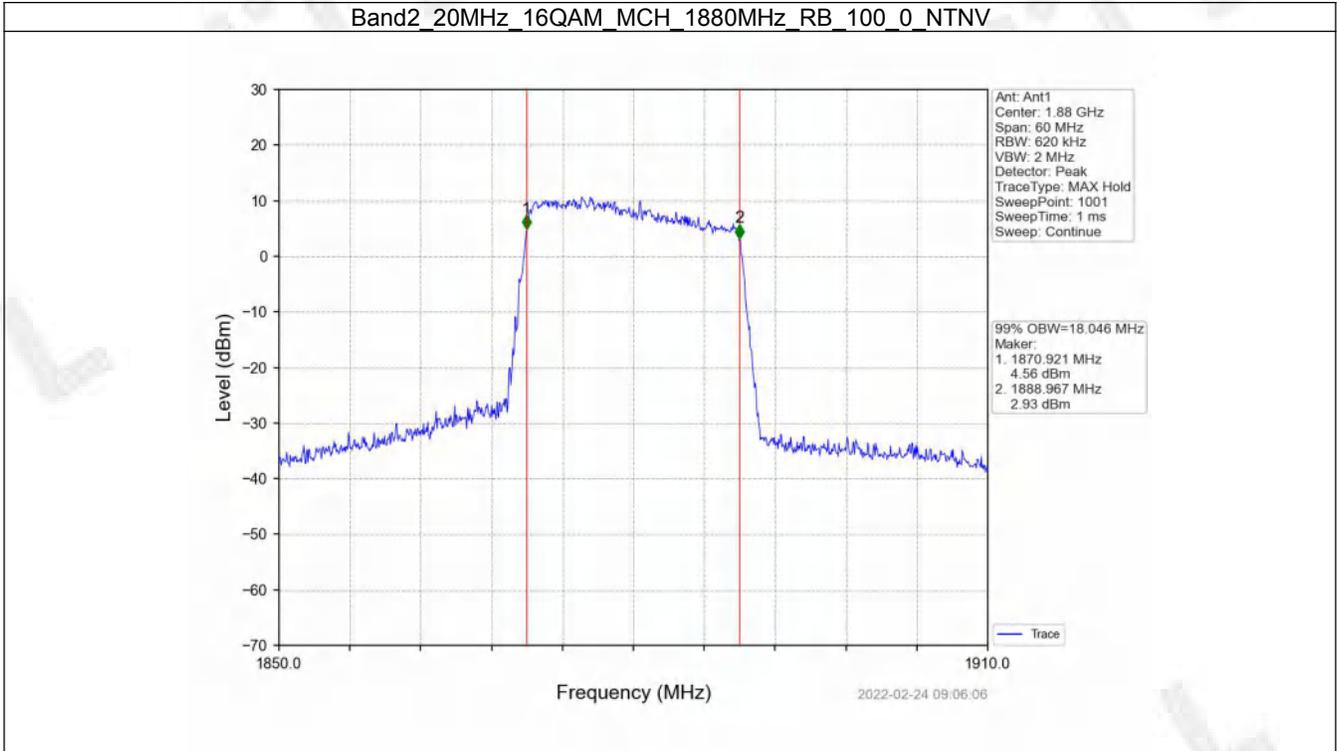


Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



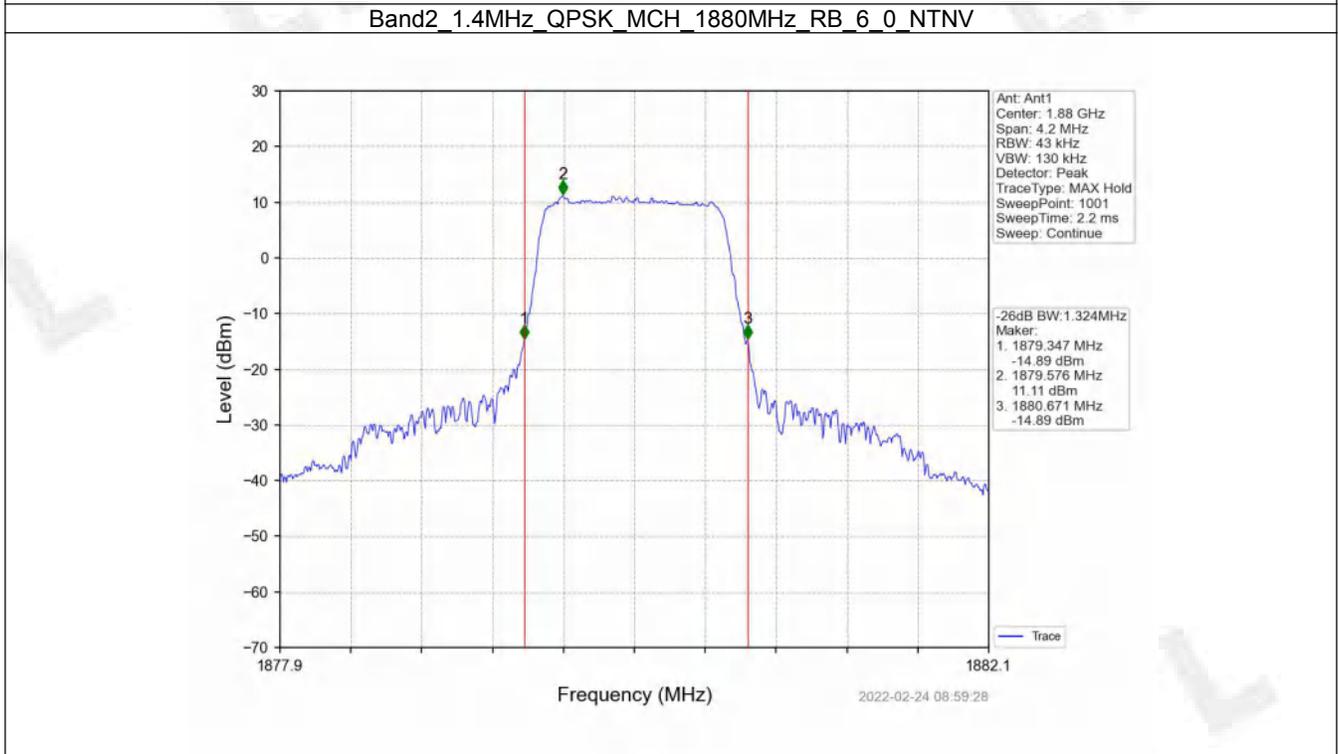
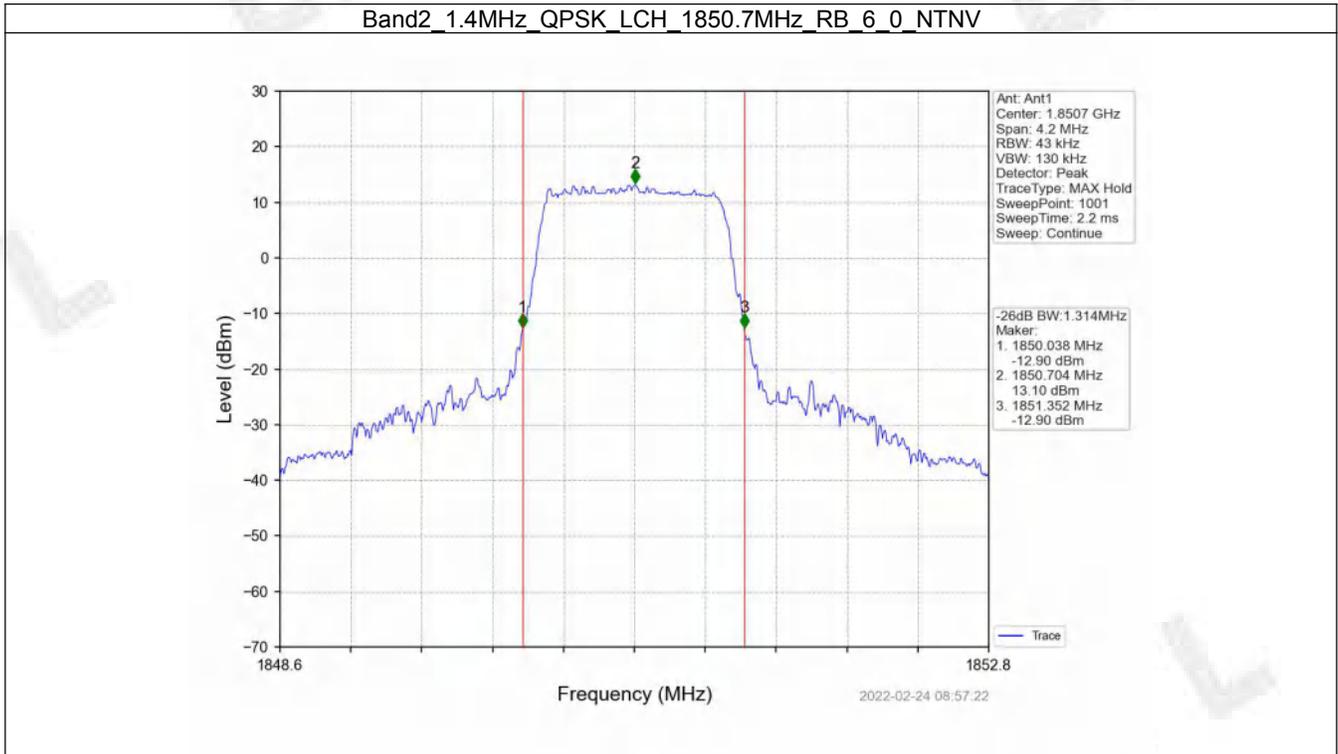


4.2 Band2_XDB

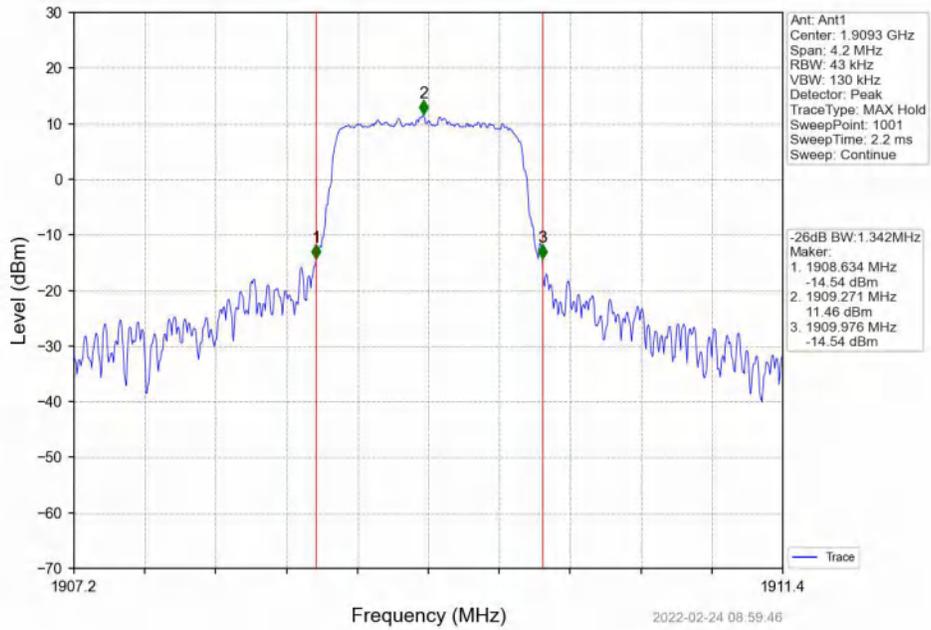
4.2.1 Test Result

Band: 2 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.314	Pass
		1880	6	0	1.324	Pass
		1909.3	6	0	1.342	Pass
	16QAM	1850.7	6	0	1.308	Pass
		1880	6	0	1.321	Pass
		1909.3	6	0	1.470	Pass
3	QPSK	1851.5	15	0	2.985	Pass
		1880	15	0	2.997	Pass
		1908.5	15	0	2.994	Pass
	16QAM	1851.5	15	0	3.661	Pass
		1880	15	0	2.989	Pass
		1908.5	15	0	3.022	Pass
5	QPSK	1852.5	25	0	5.246	Pass
		1880	25	0	5.265	Pass
		1907.5	25	0	5.211	Pass
	16QAM	1852.5	25	0	5.301	Pass
		1880	25	0	5.220	Pass
		1907.5	25	0	5.234	Pass
10	QPSK	1855	50	0	10.272	Pass
		1880	50	0	10.225	Pass
		1905	50	0	10.175	Pass
	16QAM	1855	50	0	10.235	Pass
		1880	50	0	10.124	Pass
		1905	50	0	10.151	Pass
15	QPSK	1857.5	75	0	15.477	Pass
		1880	75	0	15.176	Pass
		1902.5	75	0	15.117	Pass
	16QAM	1857.5	75	0	15.384	Pass
		1880	75	0	15.254	Pass
		1902.5	75	0	15.276	Pass
20	QPSK	1860	100	0	18.642	Pass
		1880	100	0	19.825	Pass
		1900	100	0	19.890	Pass
	16QAM	1860	100	0	18.187	Pass
		1880	100	0	19.960	Pass
		1900	100	0	20.152	Pass

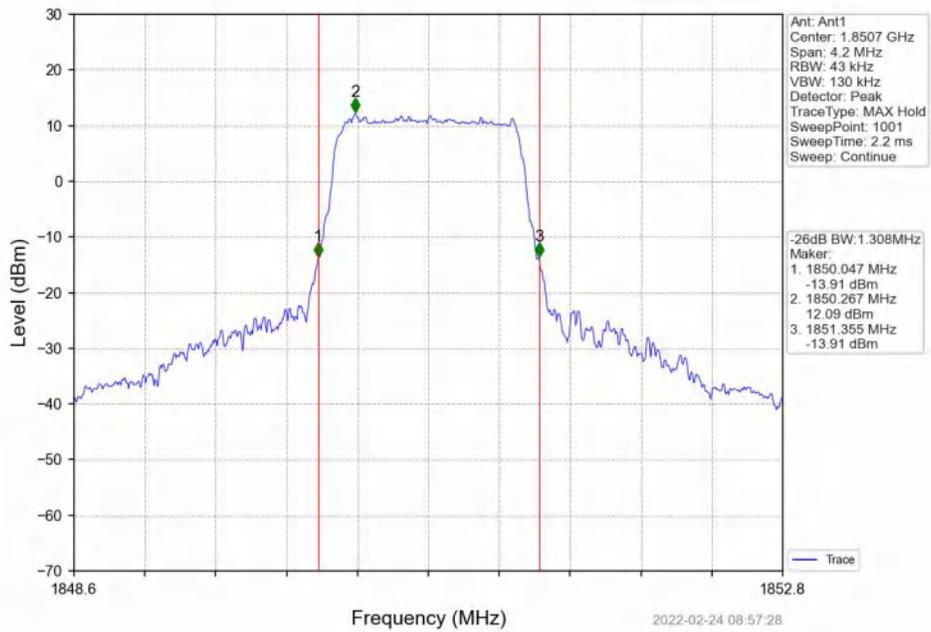
4.2.2 Test Graph



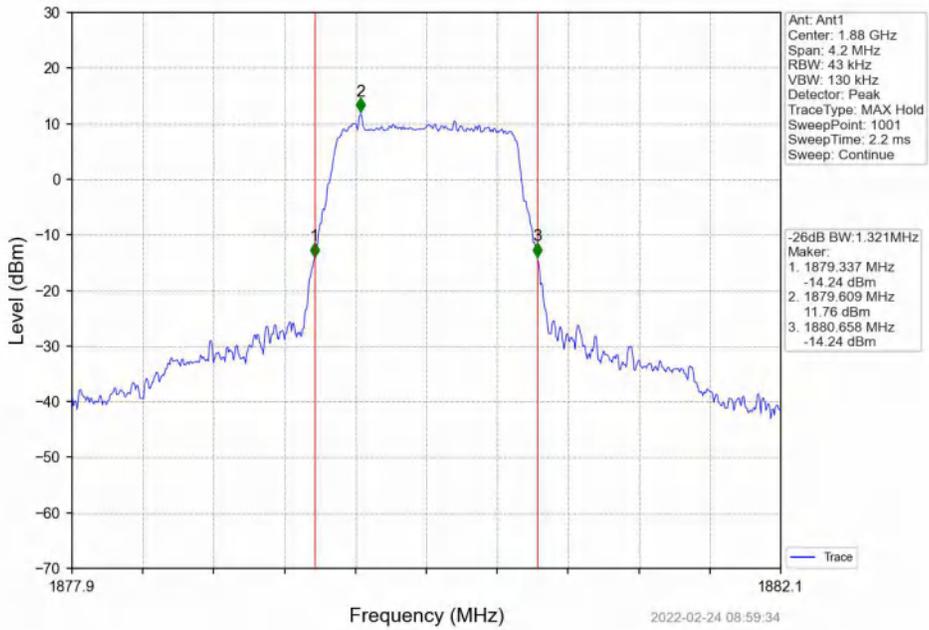
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



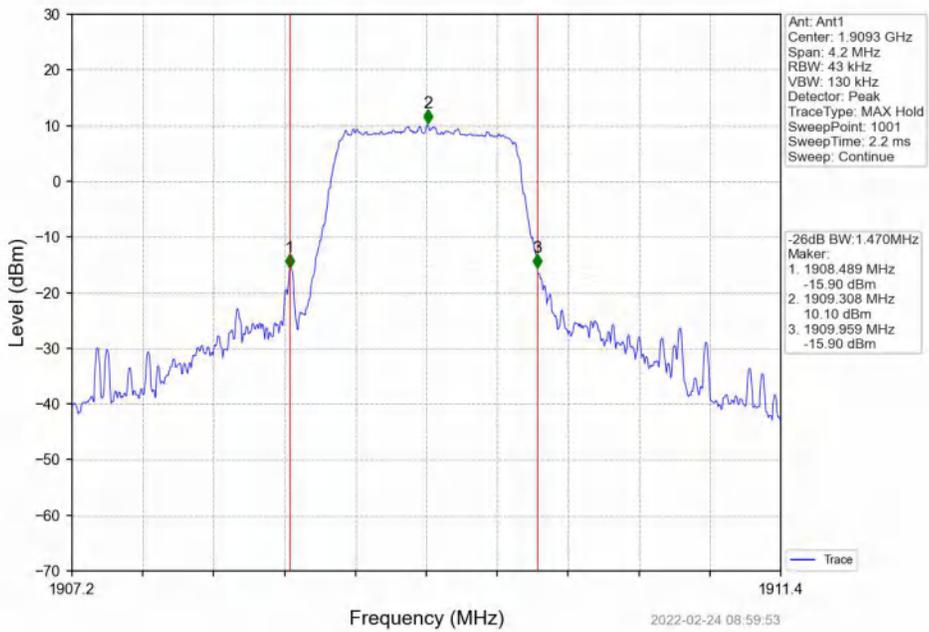
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



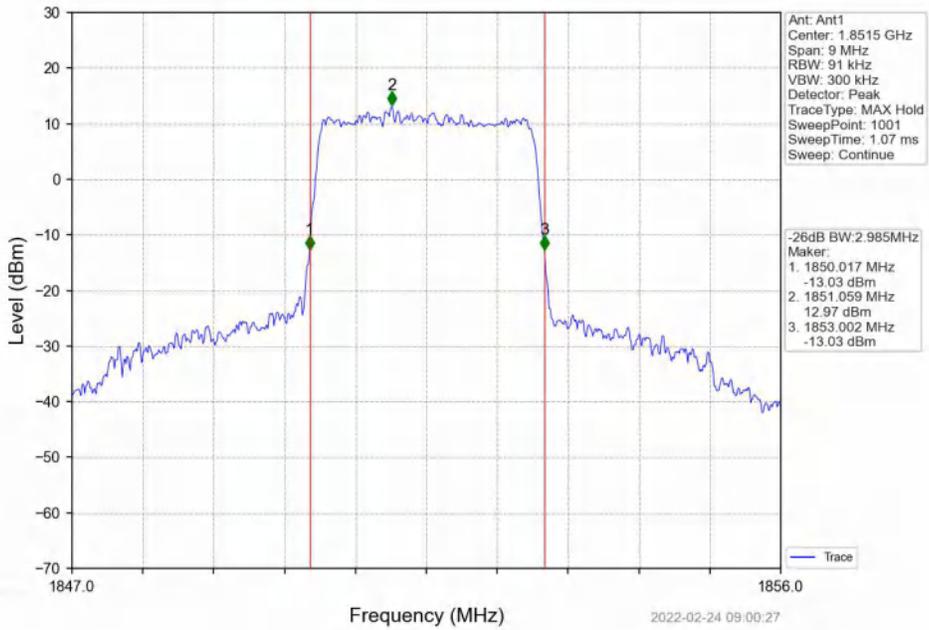
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



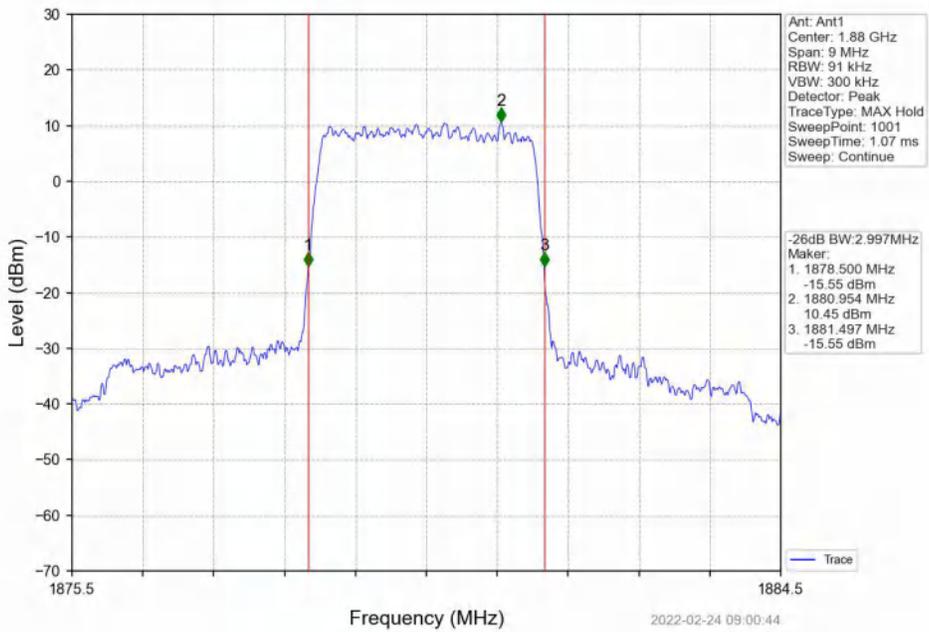
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



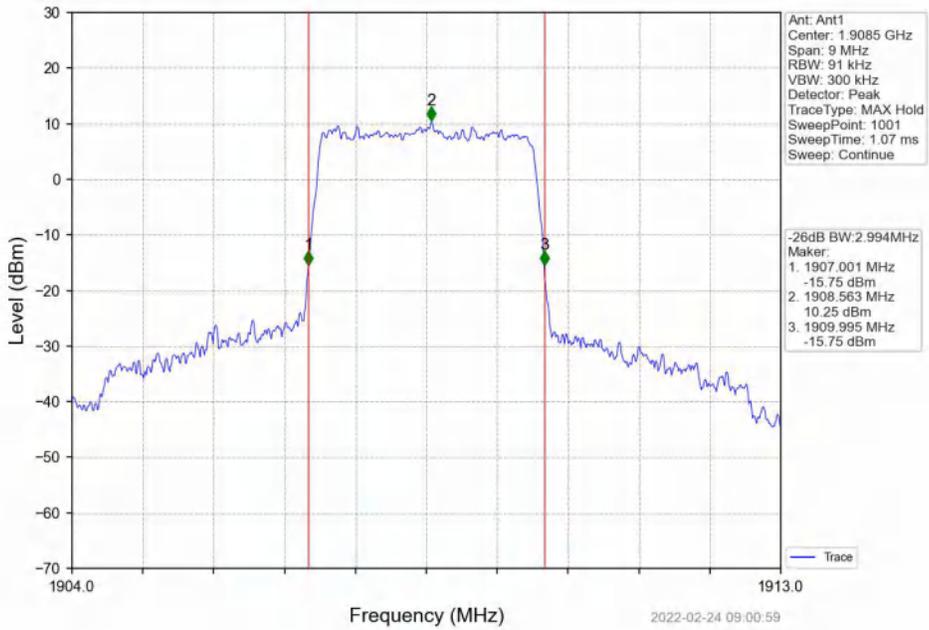
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



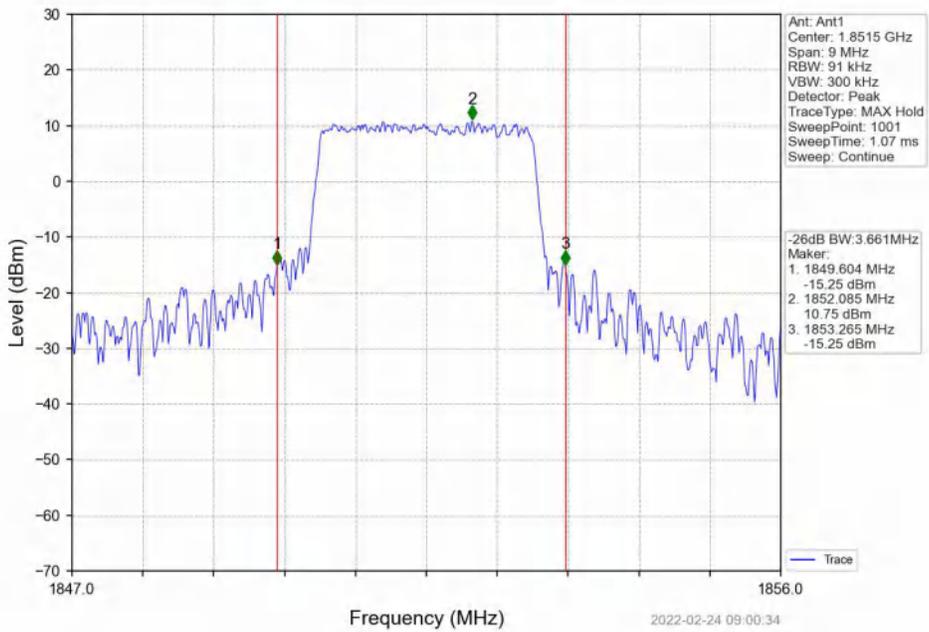
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



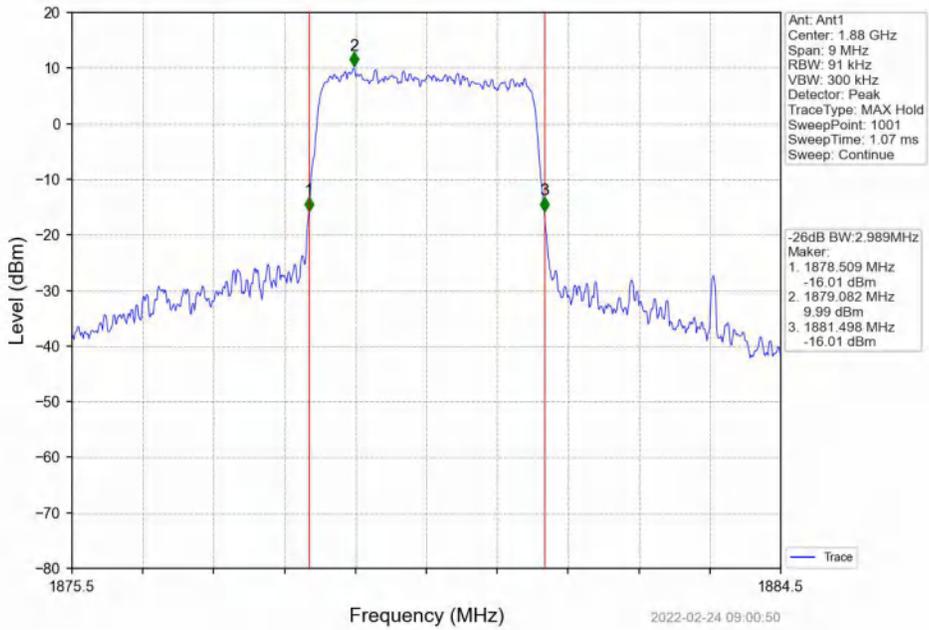
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



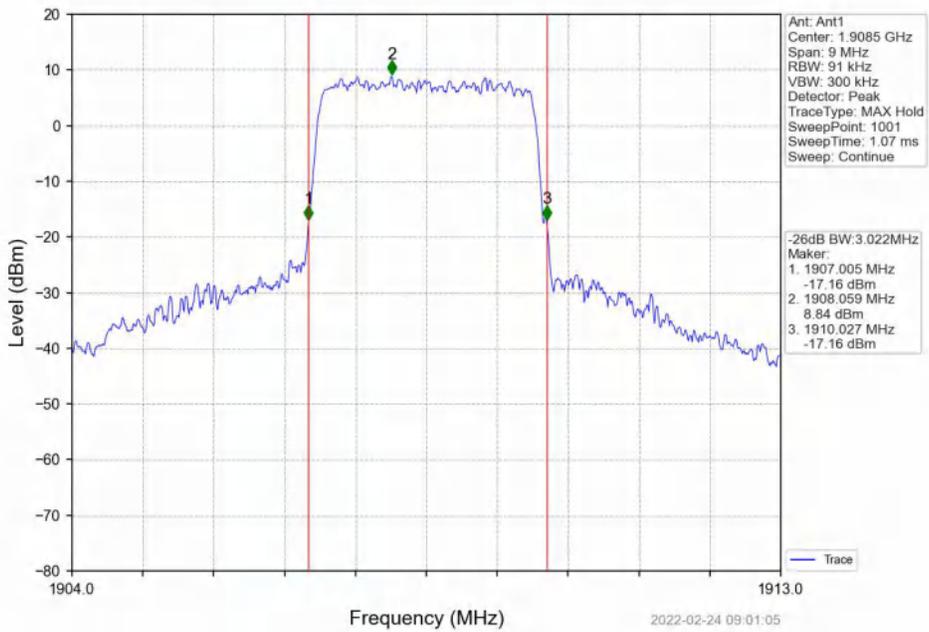
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



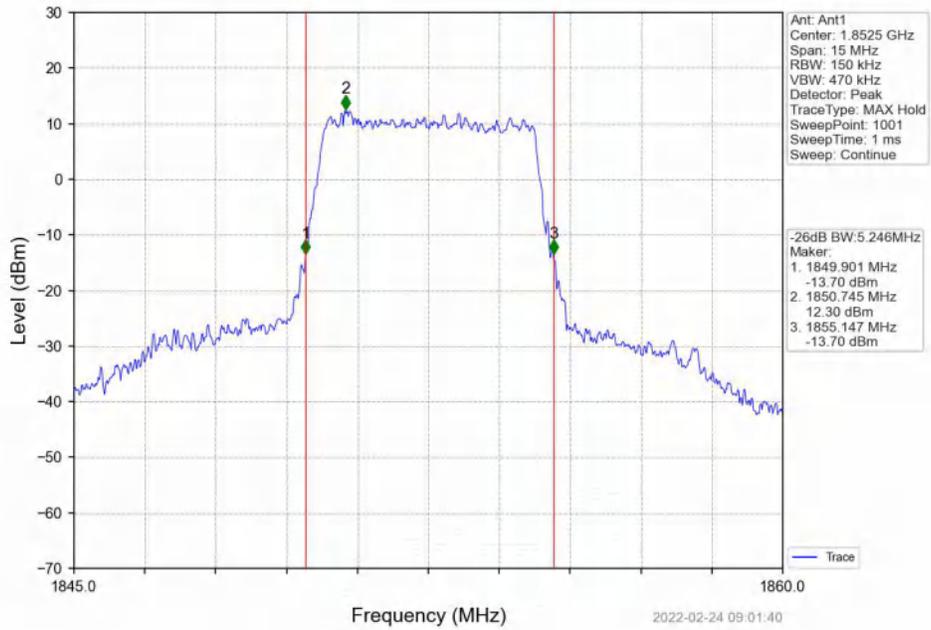
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



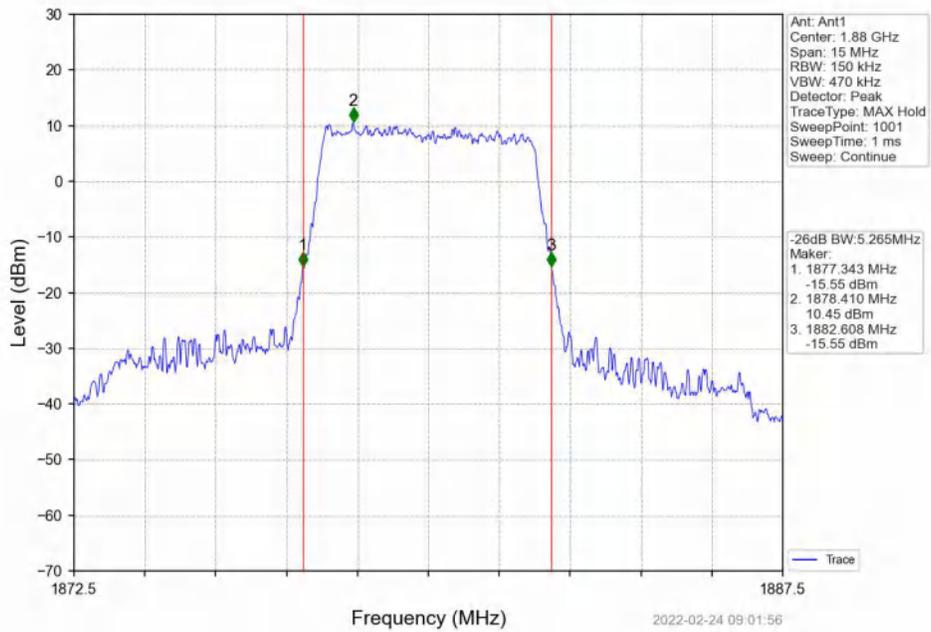
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



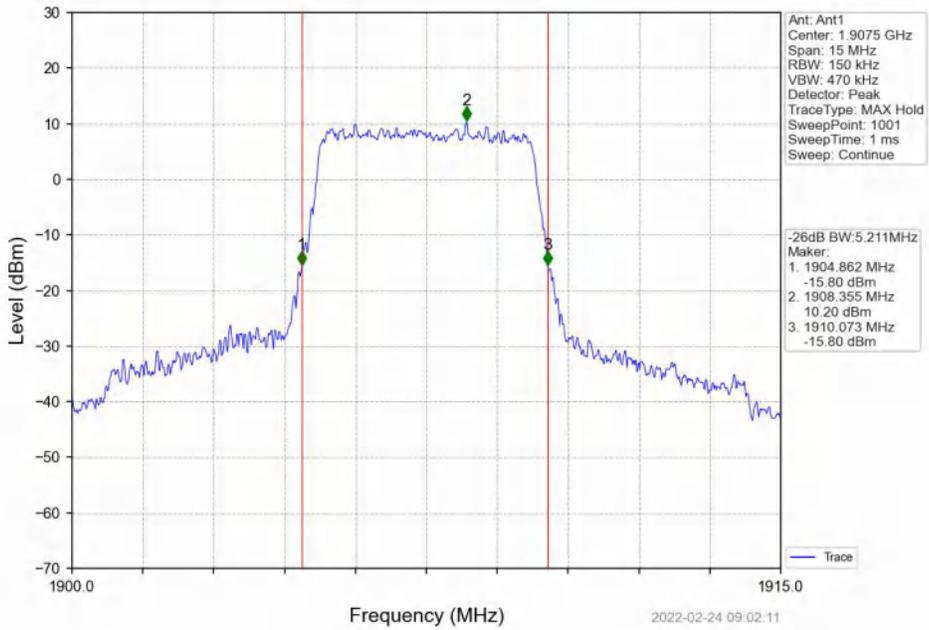
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



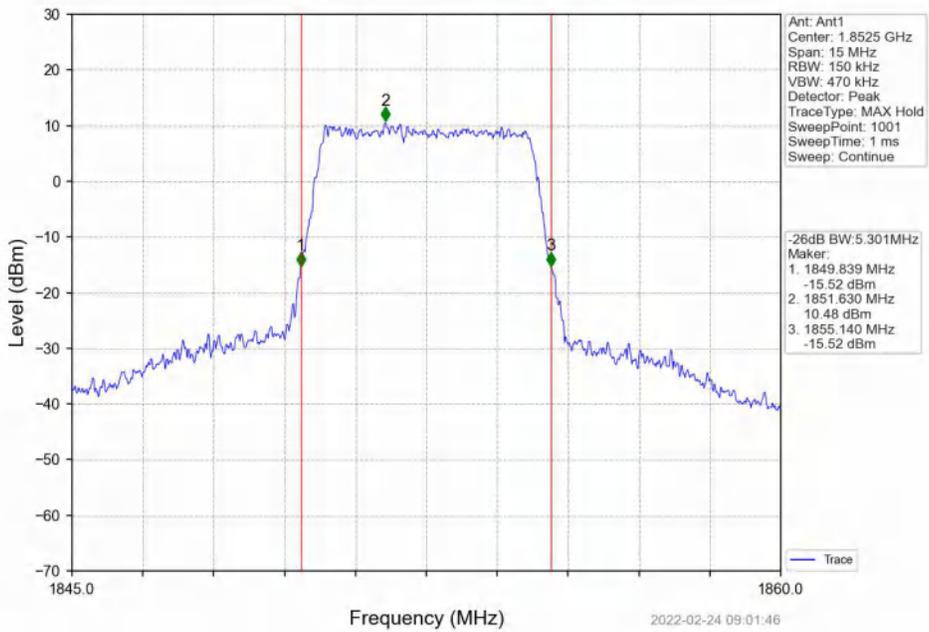
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



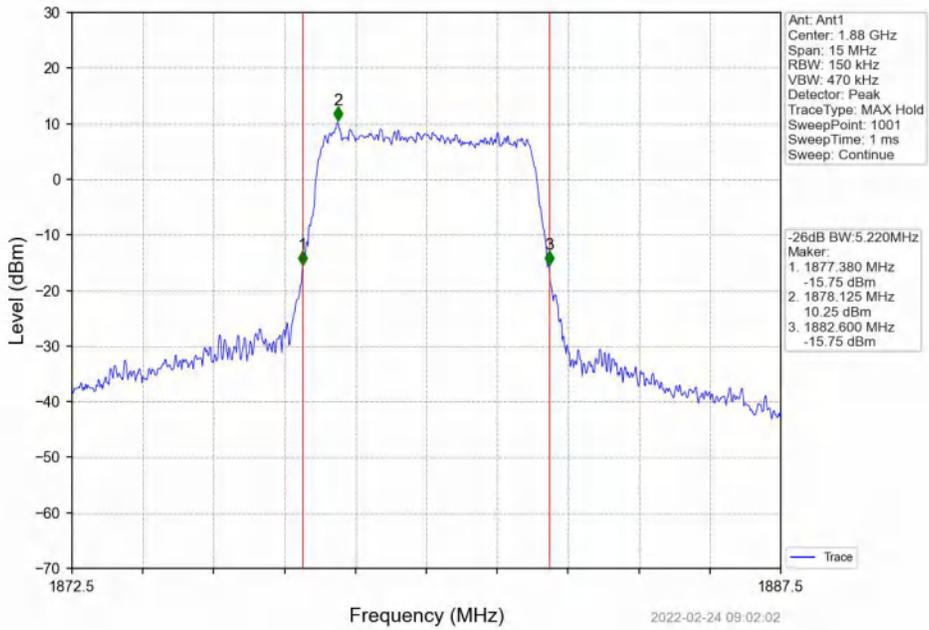
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



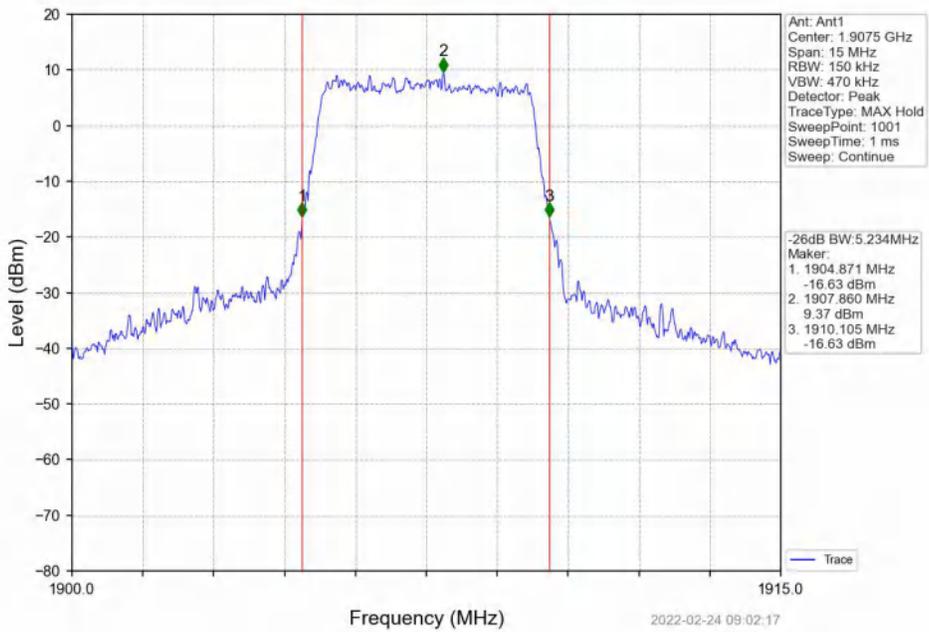
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



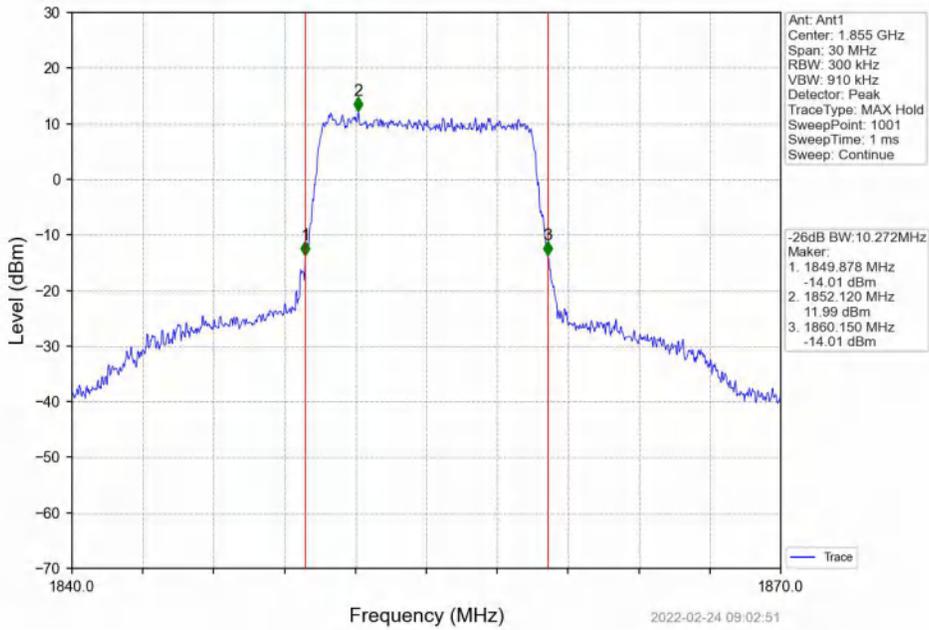
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



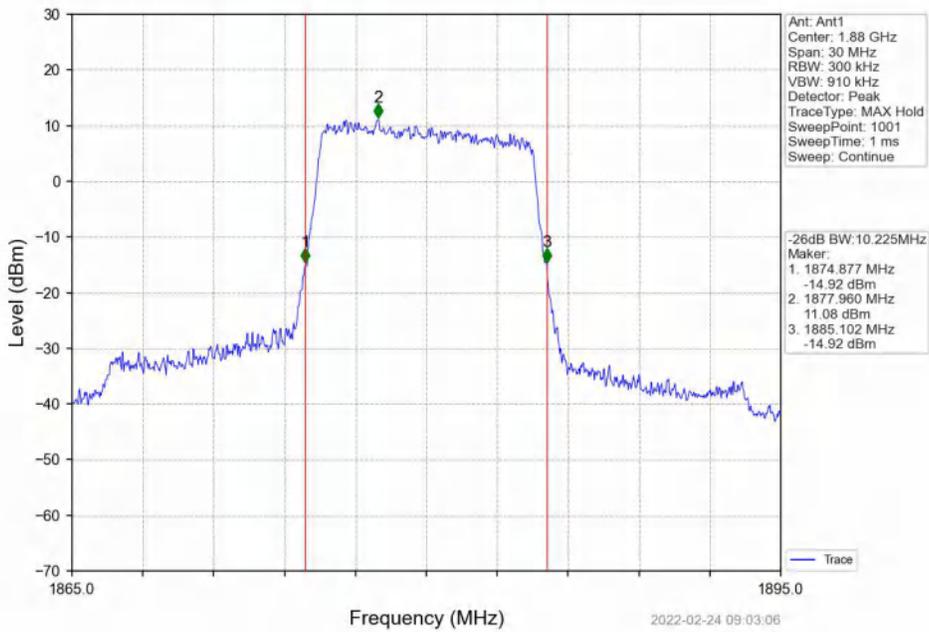
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



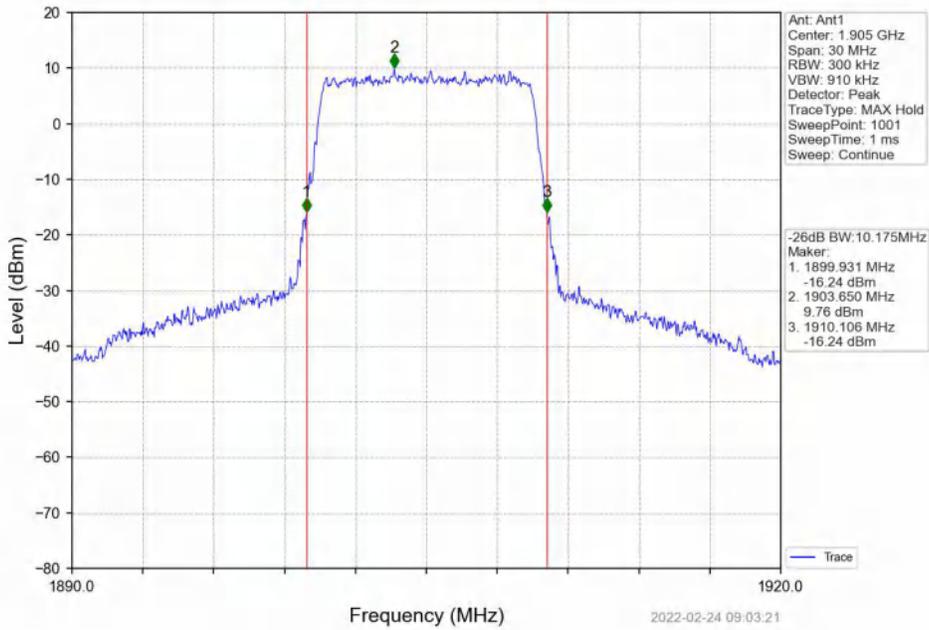
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



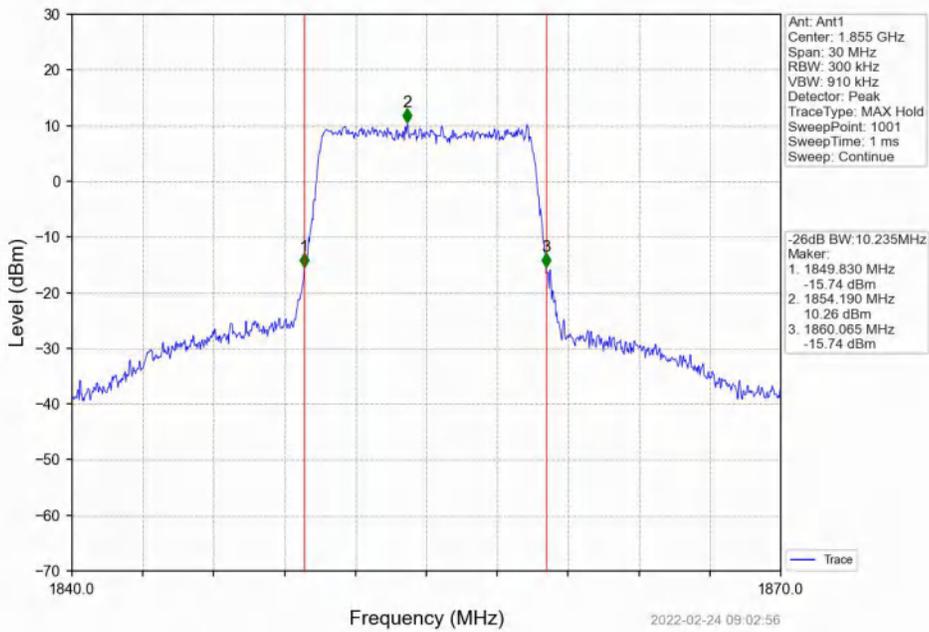
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



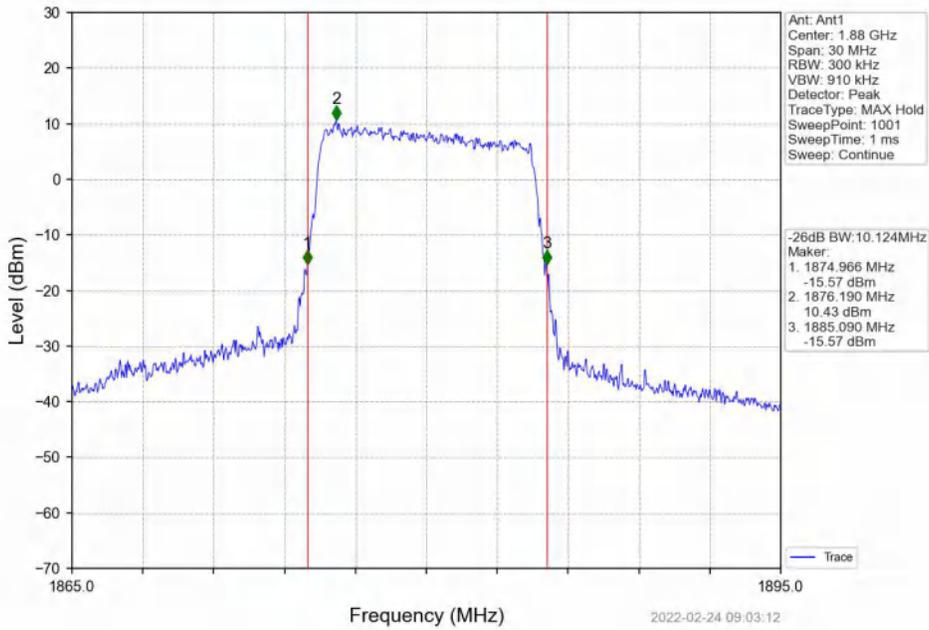
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



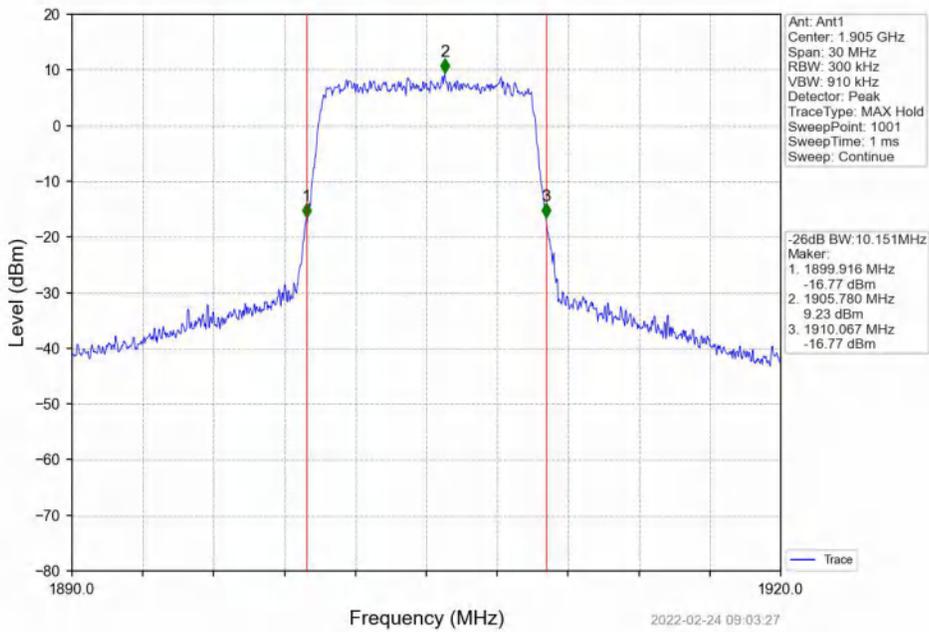
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



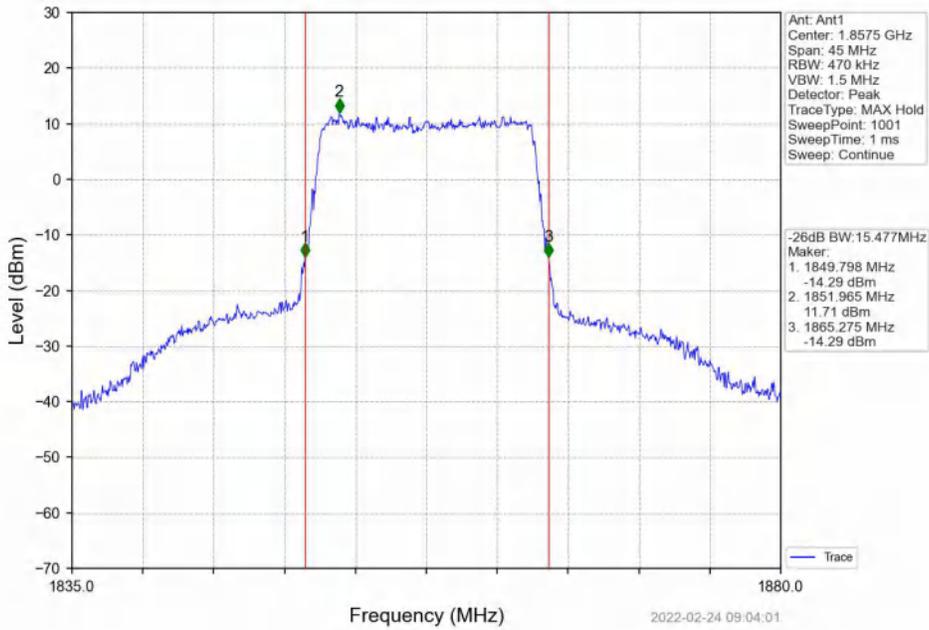
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



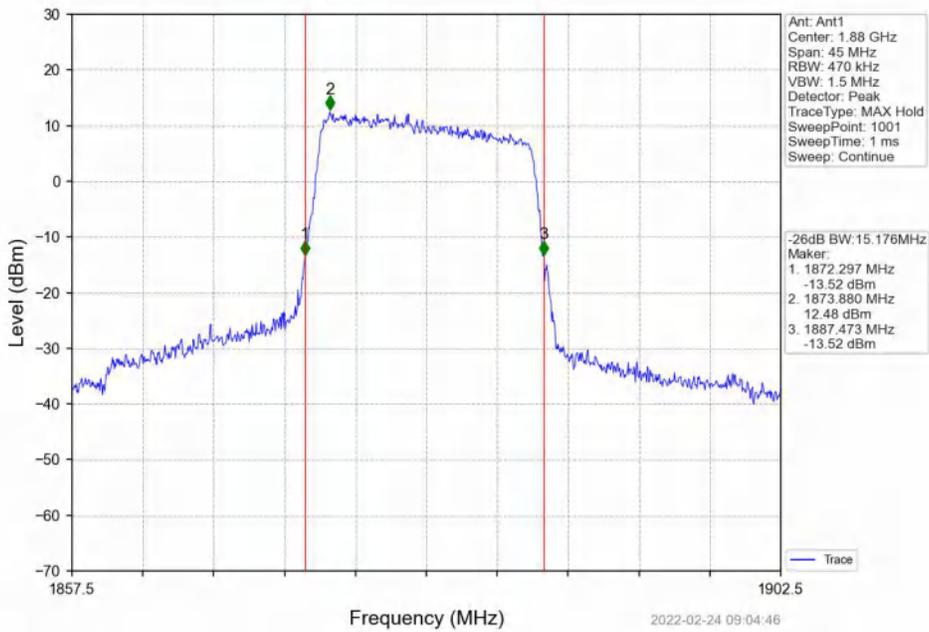
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



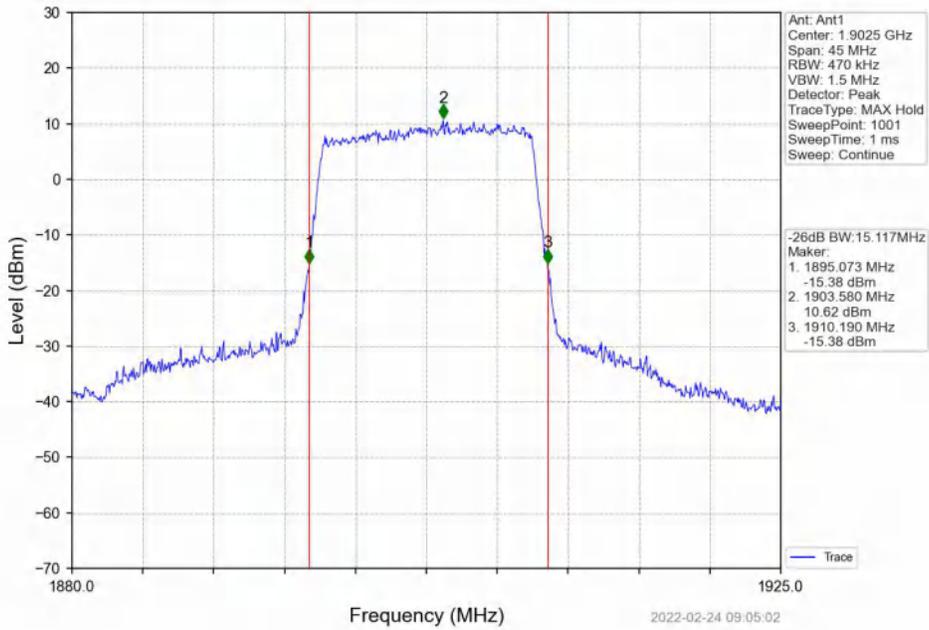
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



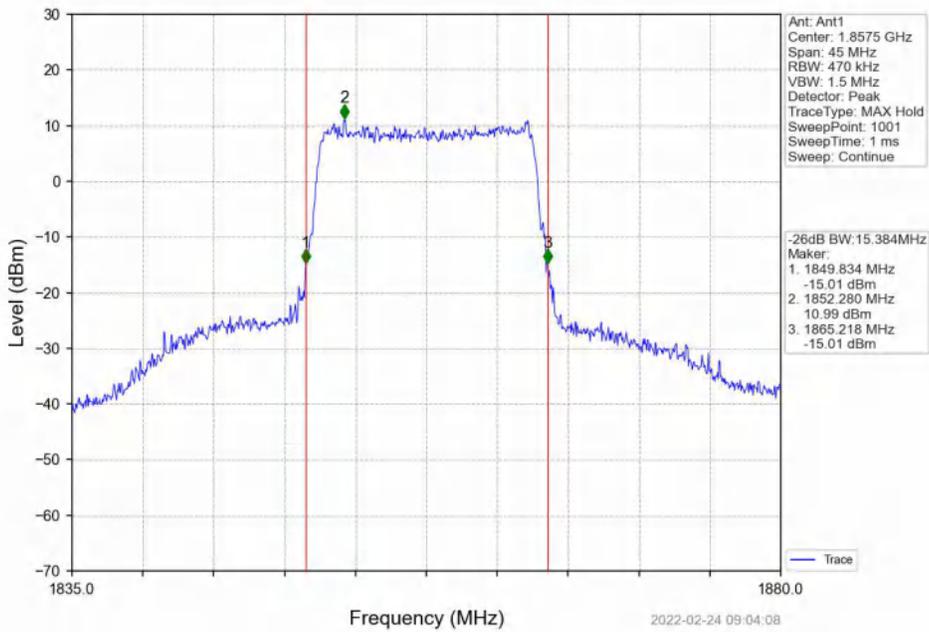
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



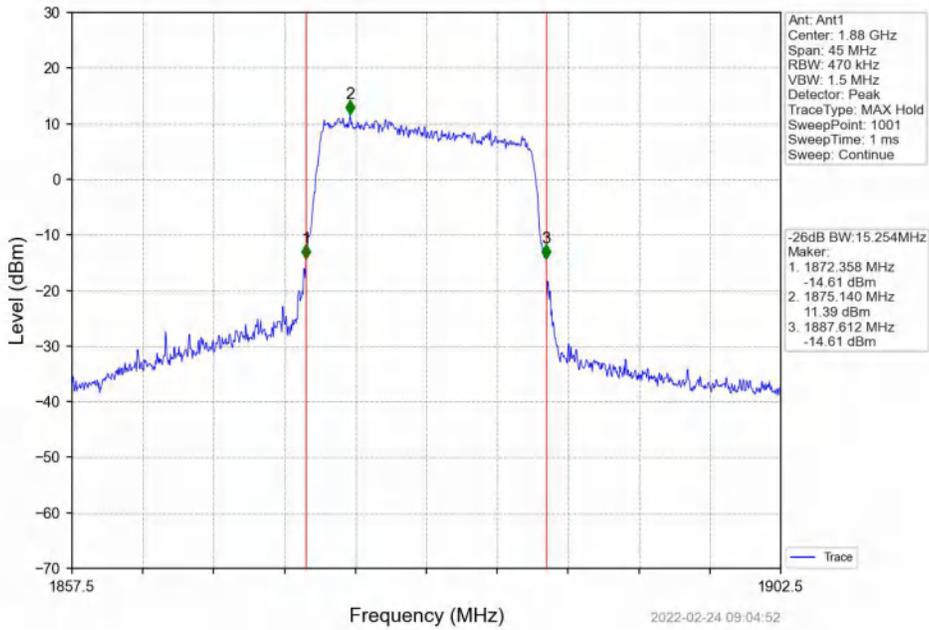
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



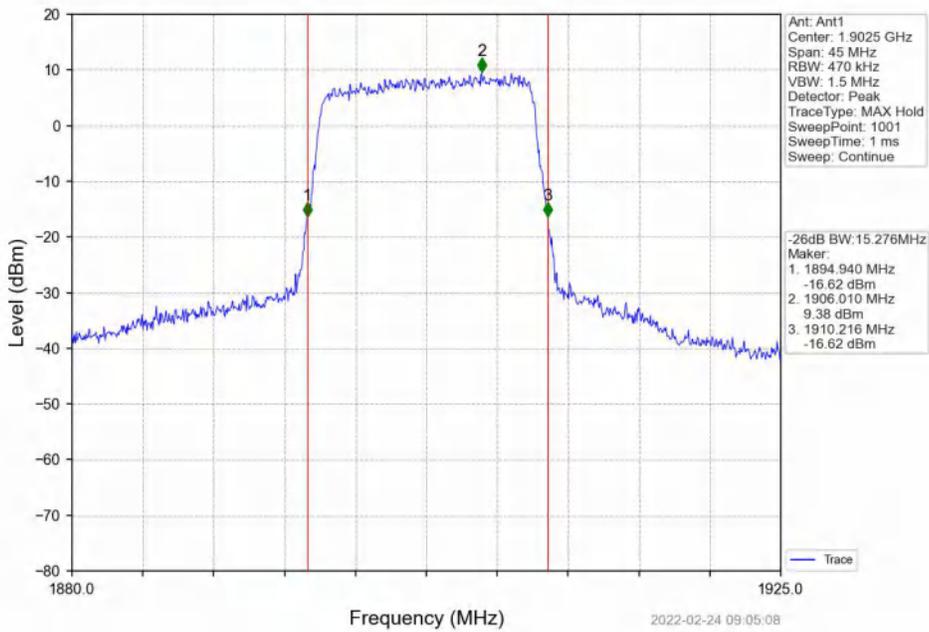
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



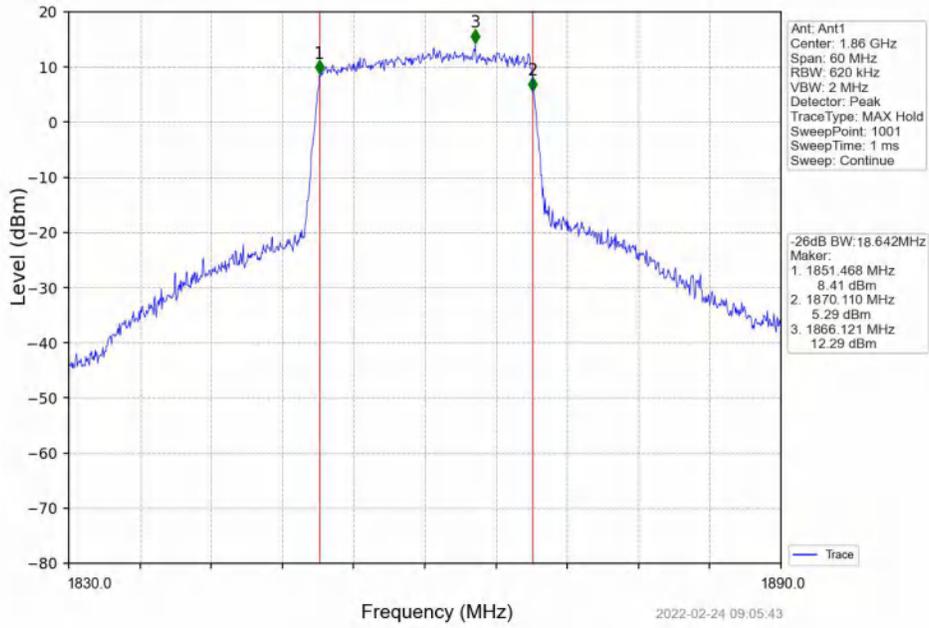
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



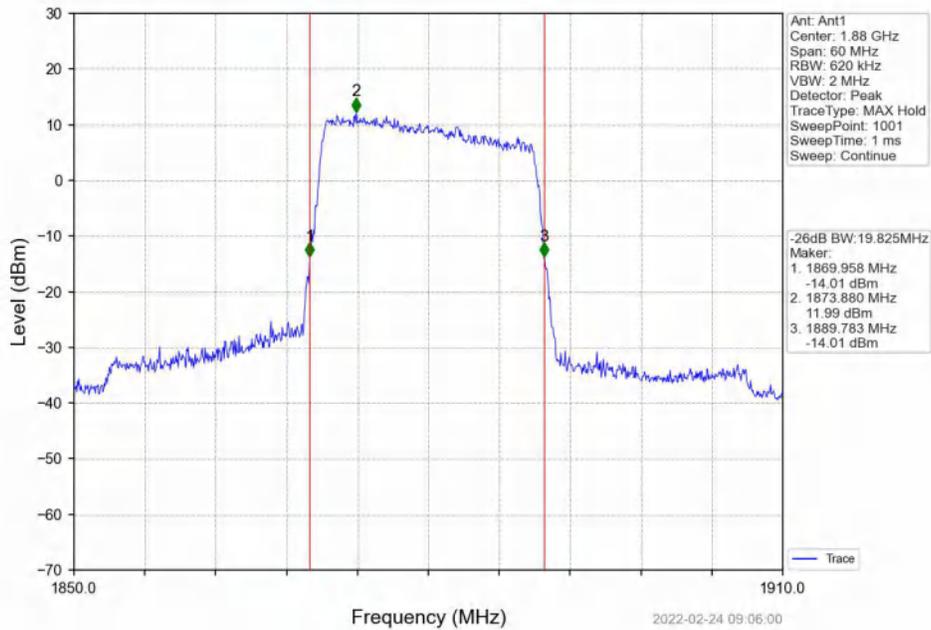
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



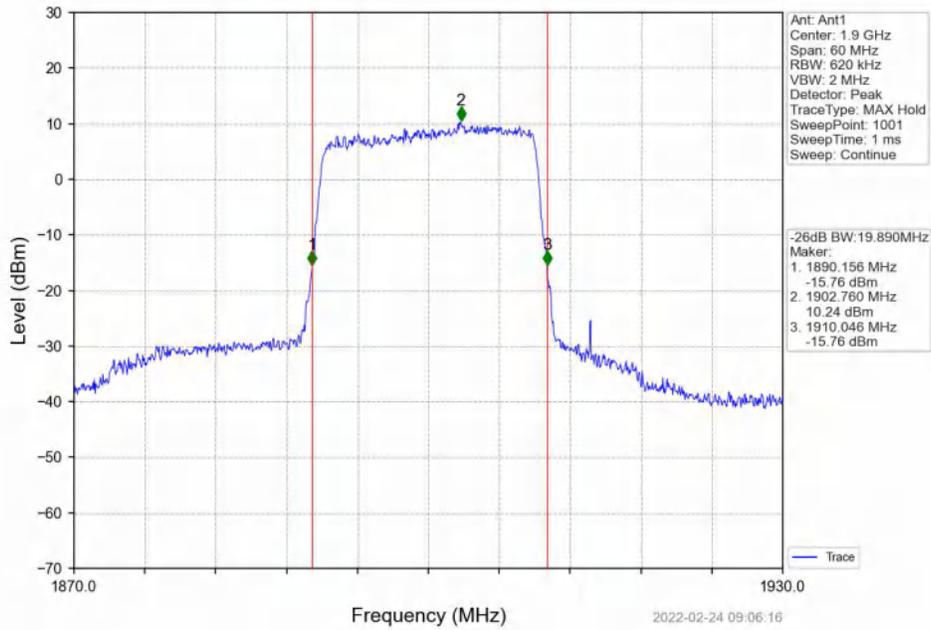
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



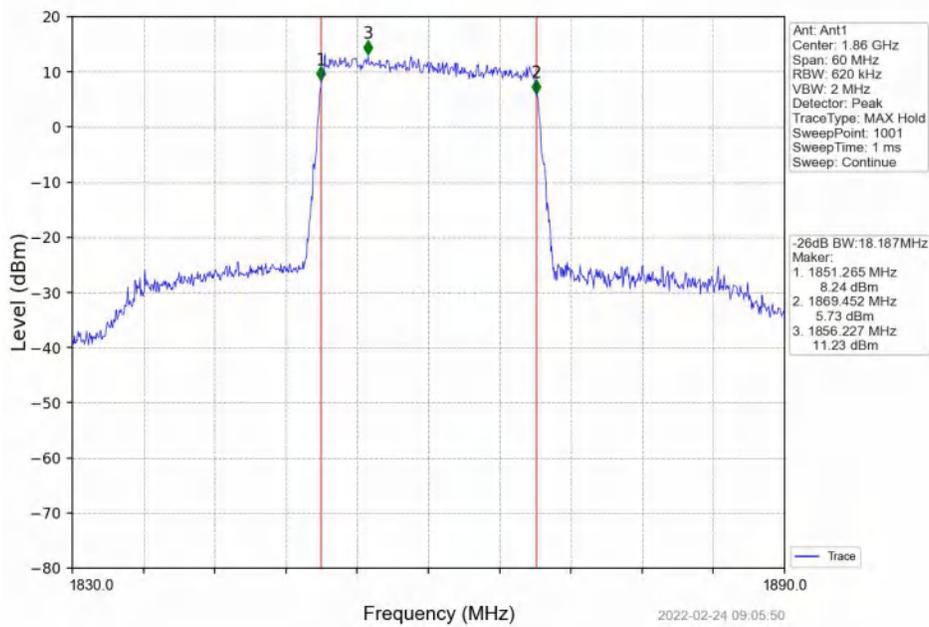
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



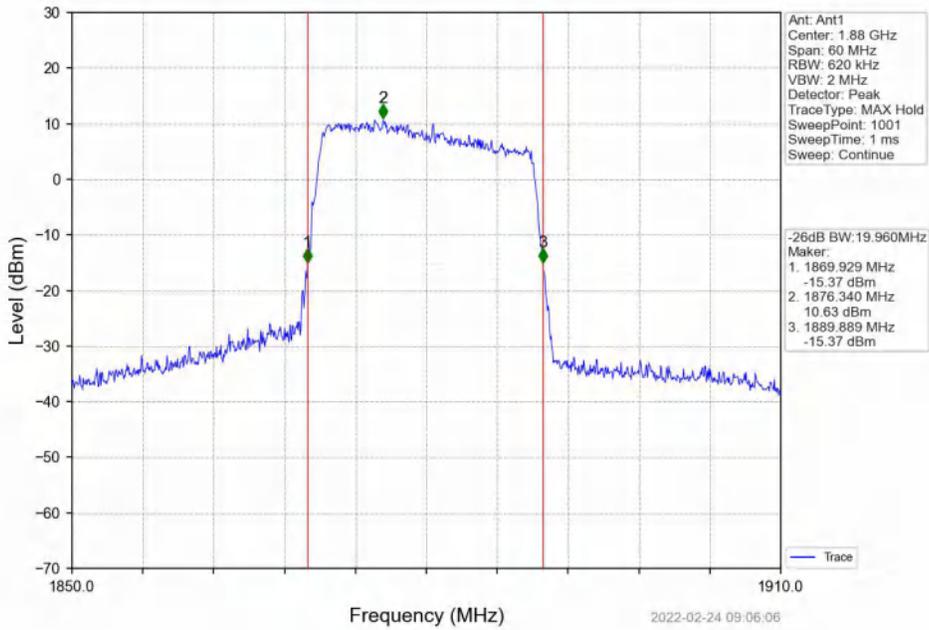
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



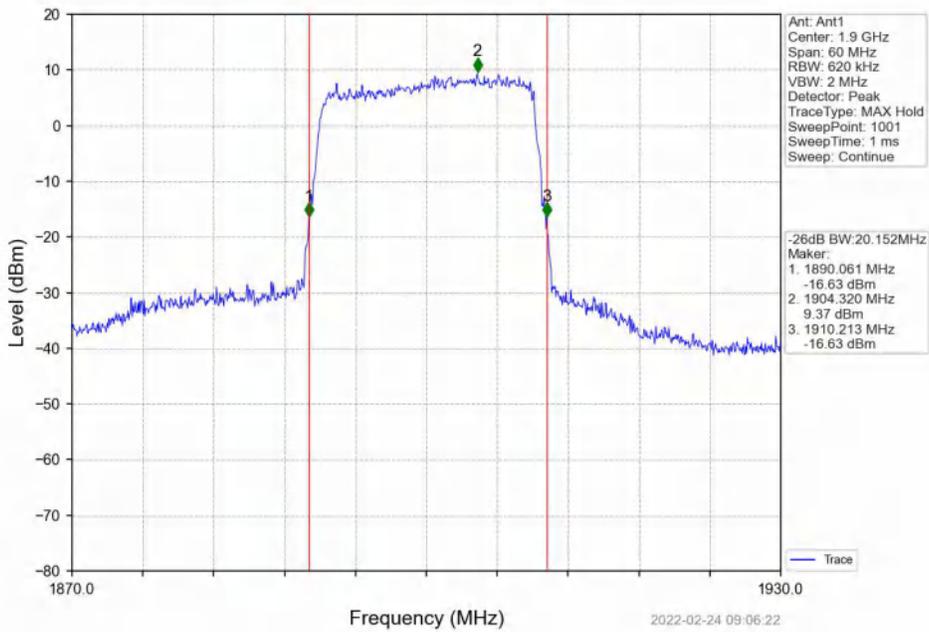
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



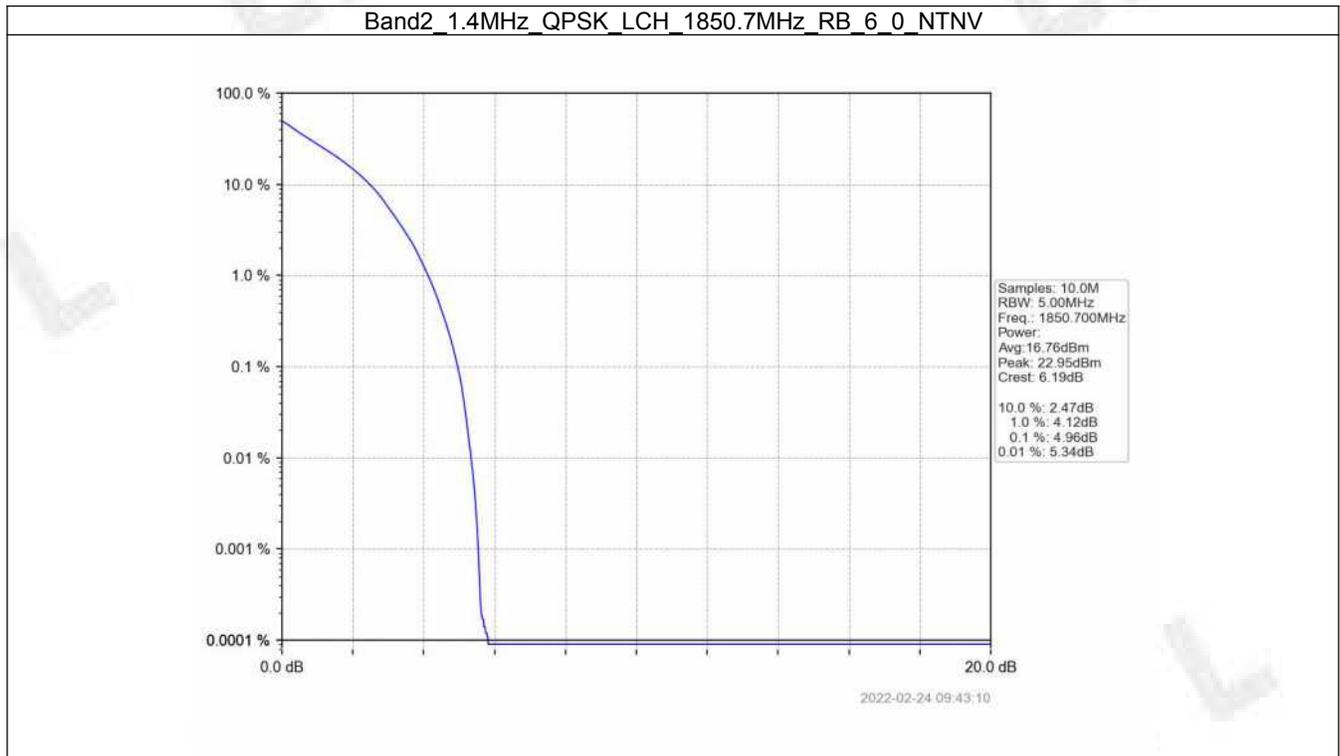
5. Peak-Average Ratio

5.1 B2_1.4MHz

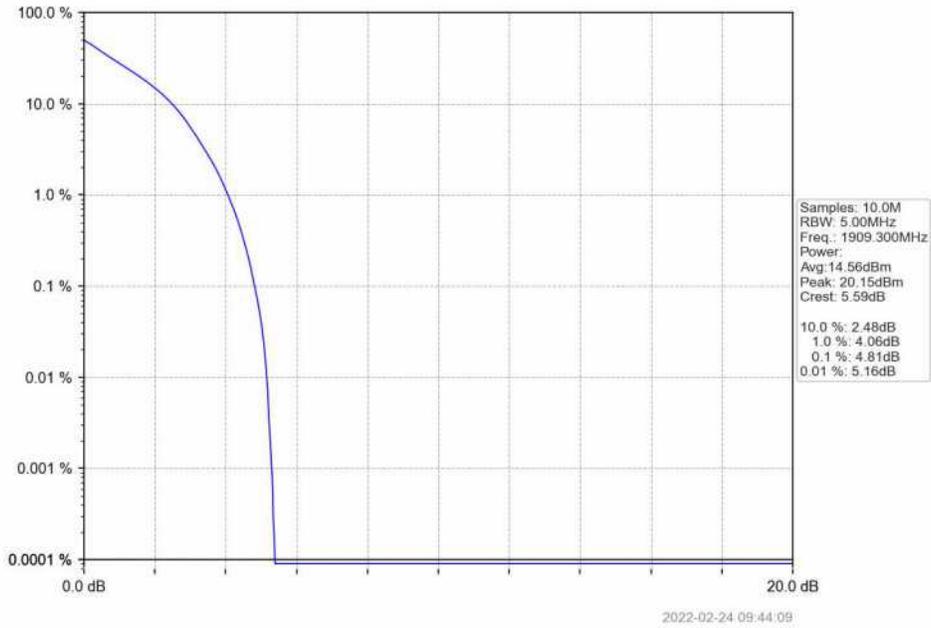
5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.96	<=13	Pass
	1880	6	0	5.02	<=13	Pass
	1909.3	6	0	4.81	<=13	Pass
16QAM	1850.7	6	0	5.77	<=13	Pass
	1880	6	0	5.89	<=13	Pass
	1909.3	6	0	5.70	<=13	Pass

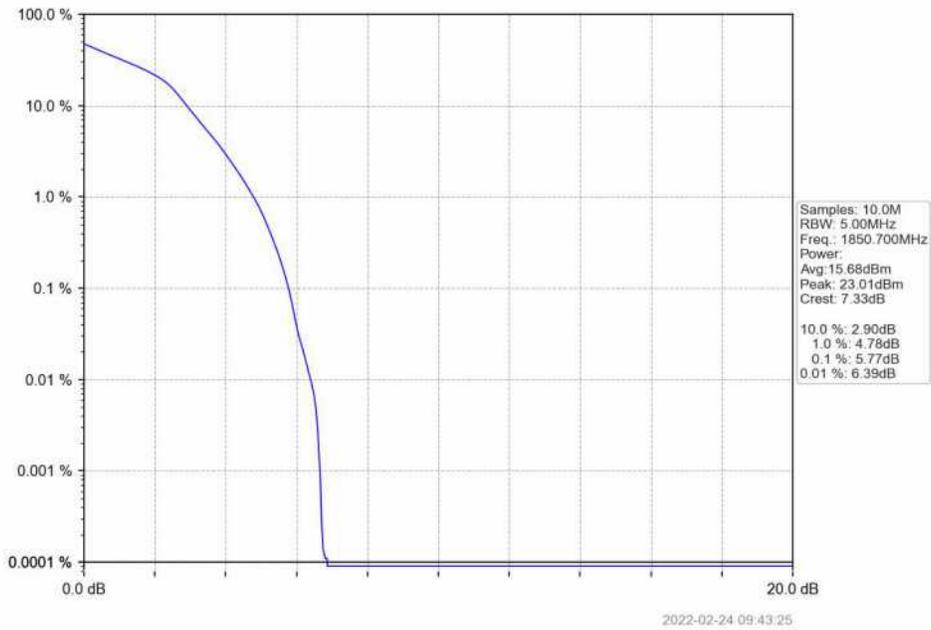
5.1.2 Test Graph



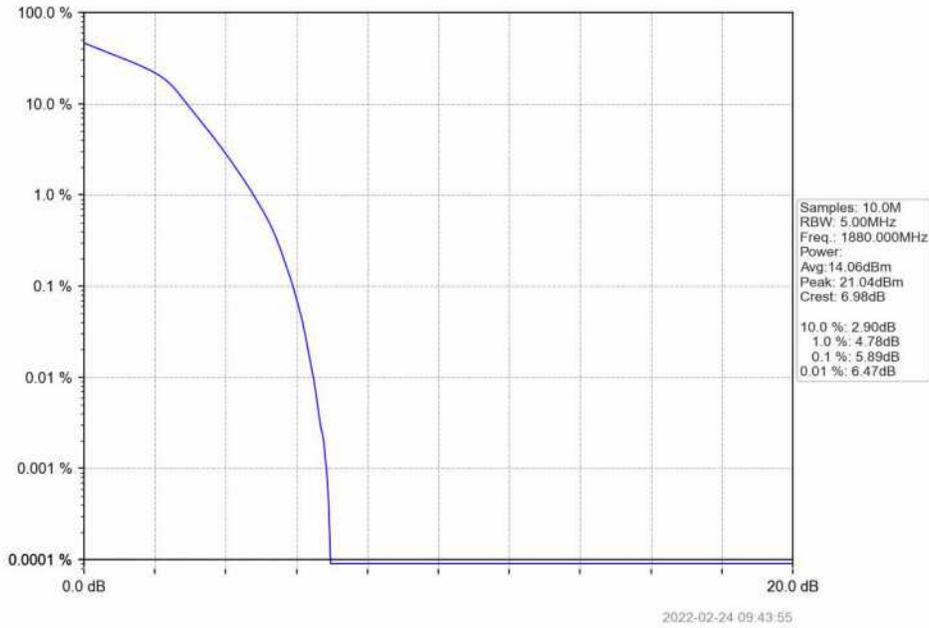
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



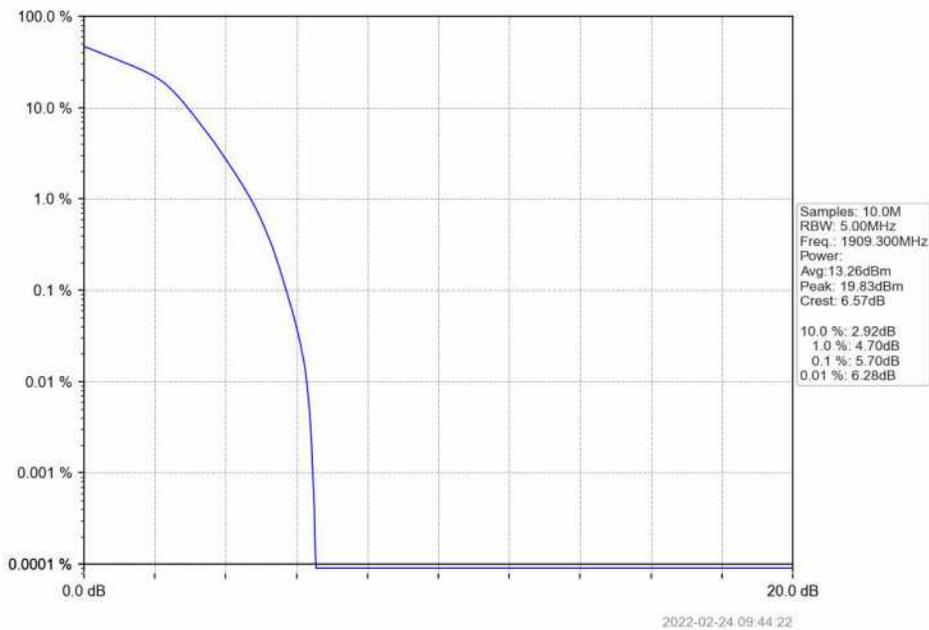
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

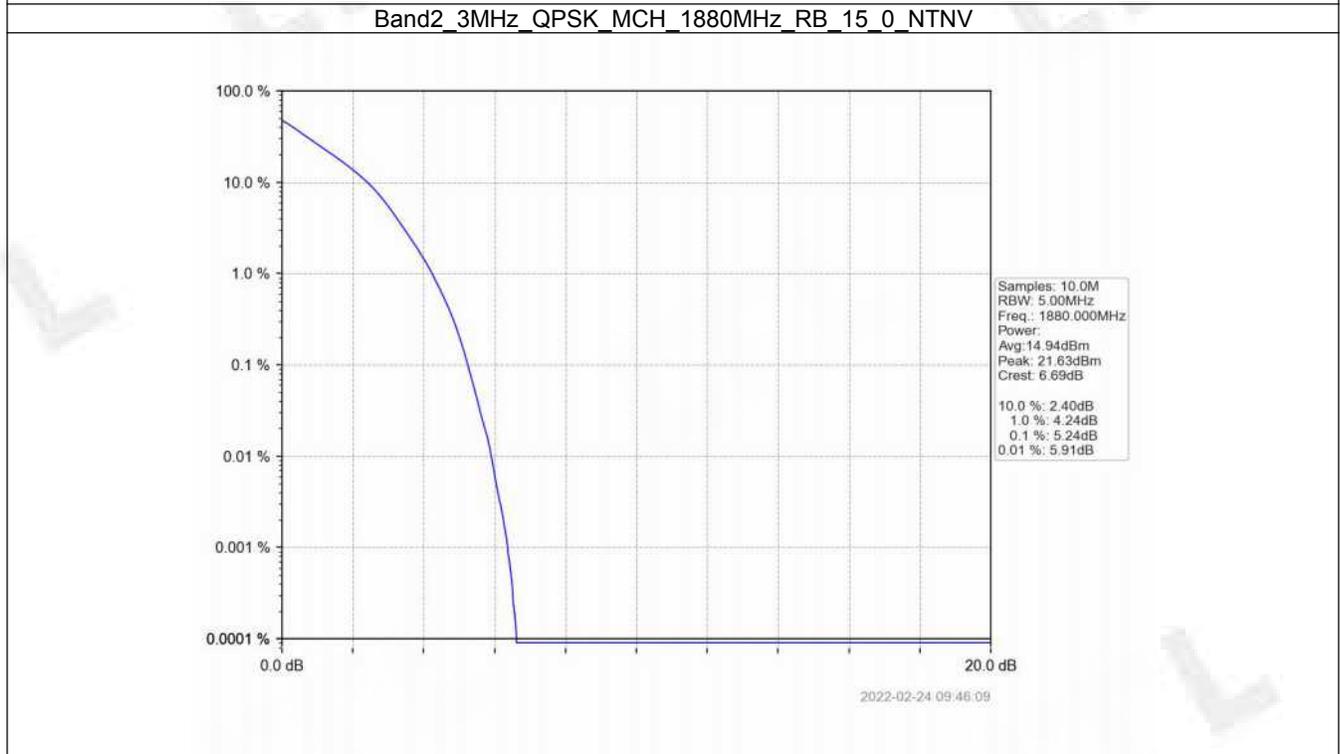
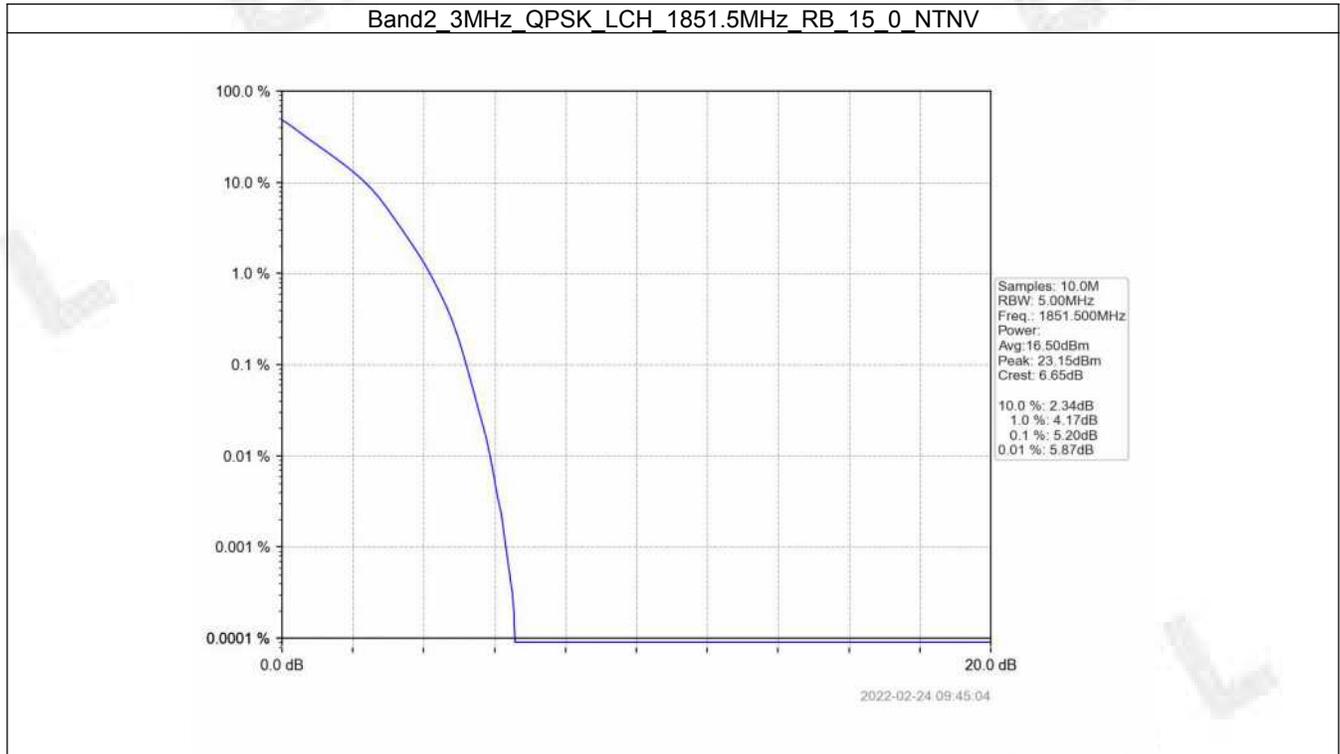


5.2 B2_3MHz

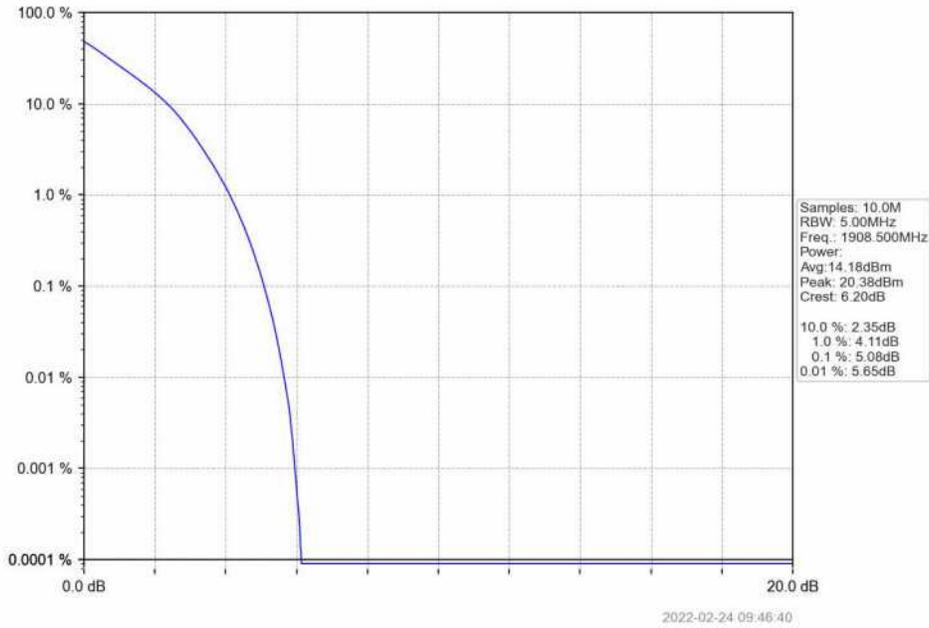
5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.20	<=13	Pass
	1880	15	0	5.24	<=13	Pass
	1908.5	15	0	5.08	<=13	Pass
16QAM	1851.5	15	0	6.00	<=13	Pass
	1880	15	0	6.01	<=13	Pass
	1908.5	15	0	5.93	<=13	Pass

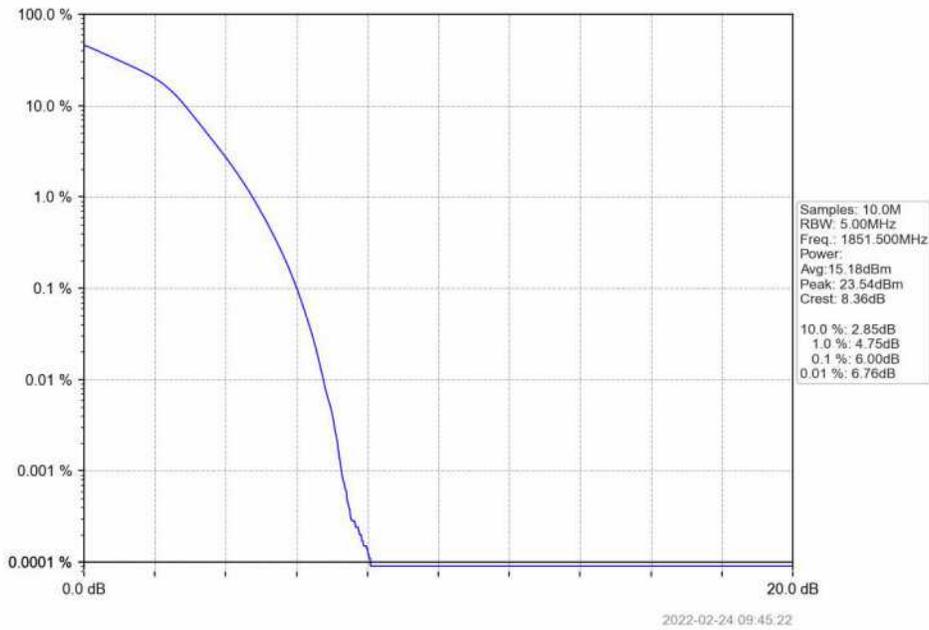
5.2.2 Test Graph



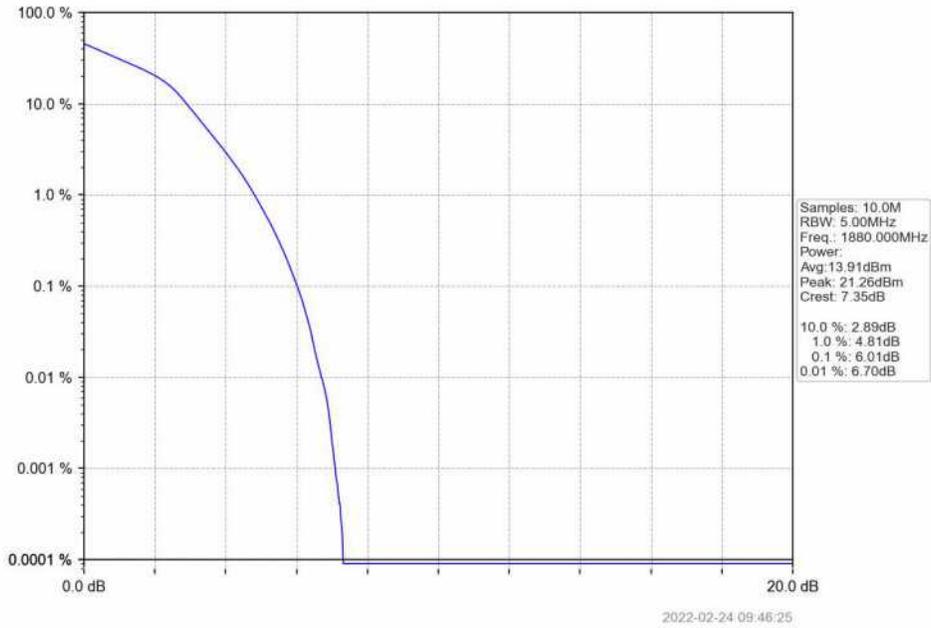
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



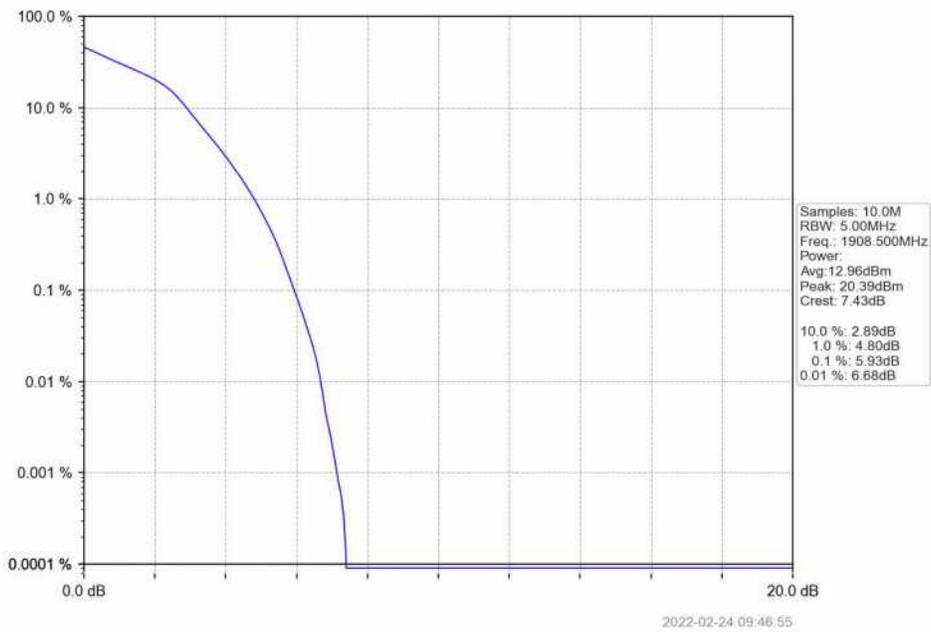
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

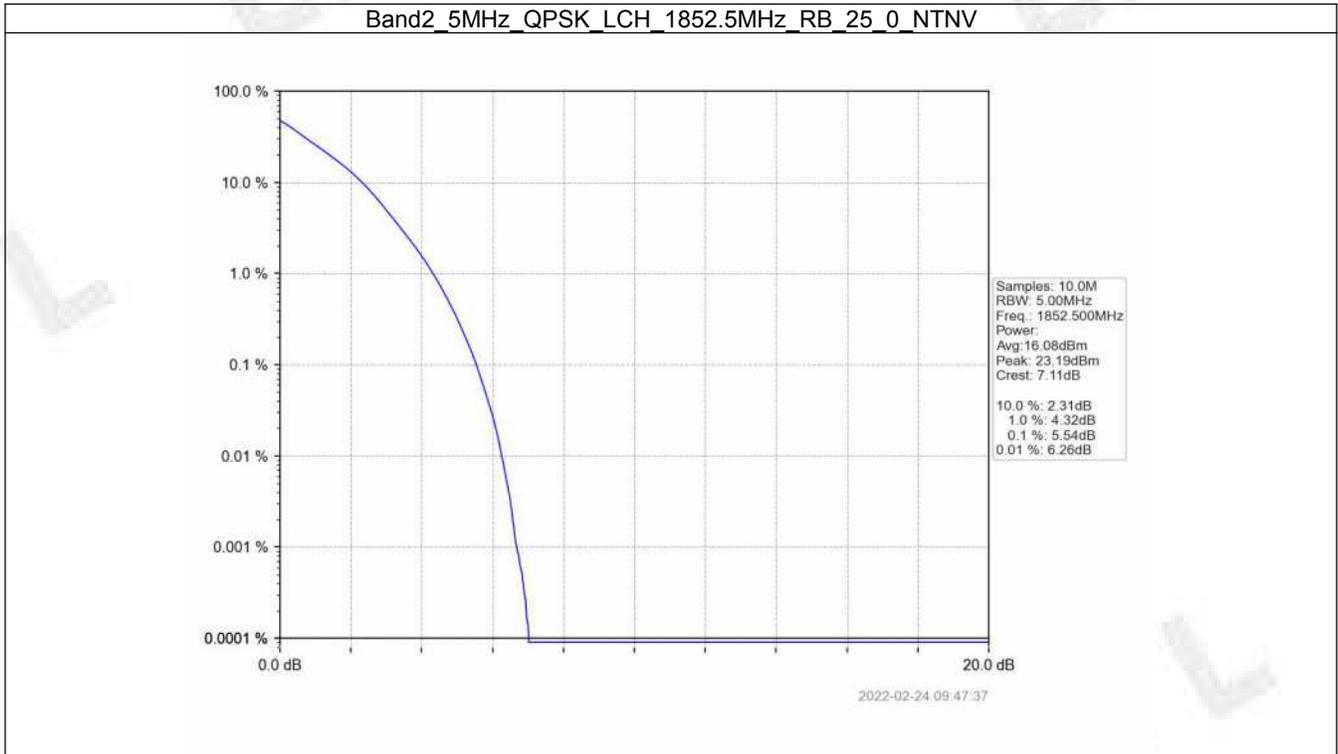


5.3 B2_5MHz

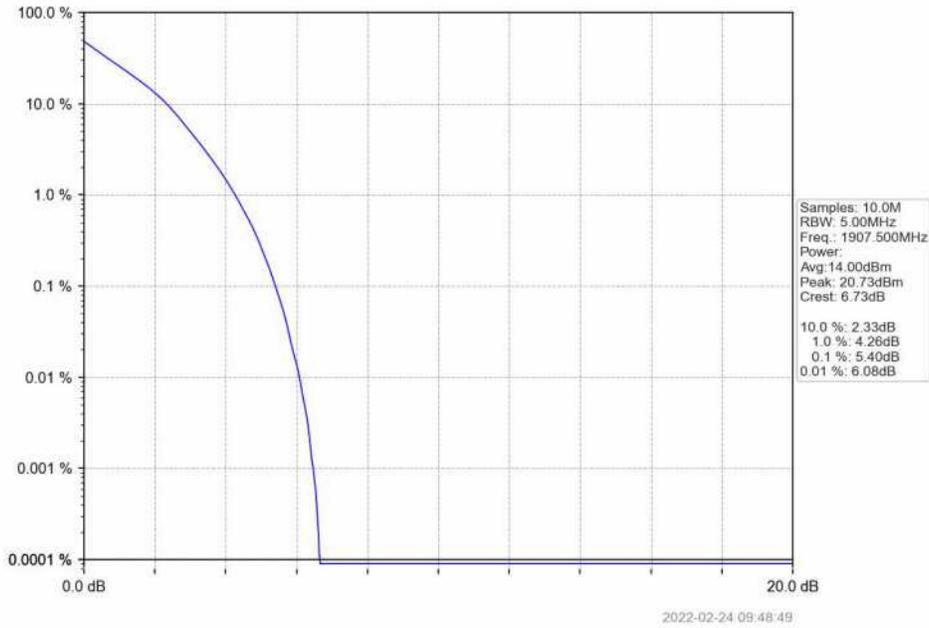
5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.54	<=13	Pass
	1880	25	0	5.54	<=13	Pass
	1907.5	25	0	5.40	<=13	Pass
16QAM	1852.5	25	0	6.18	<=13	Pass
	1880	25	0	6.22	<=13	Pass
	1907.5	25	0	6.05	<=13	Pass

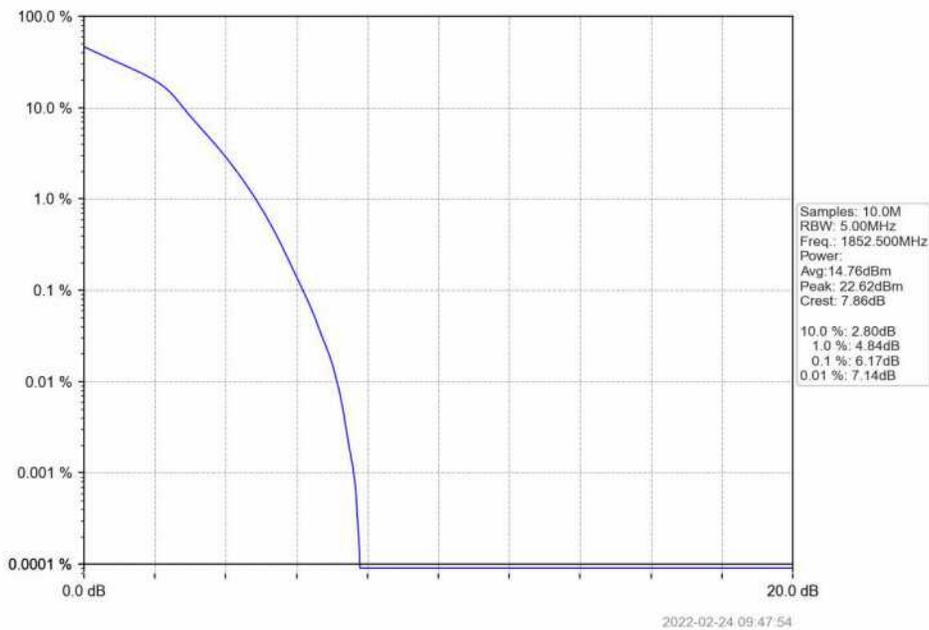
5.3.2 Test Graph



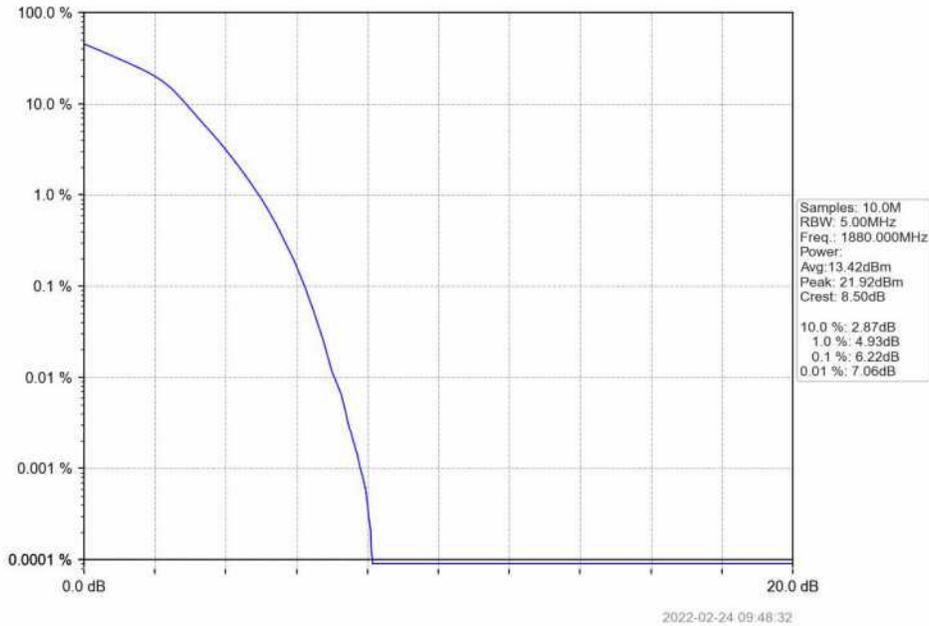
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



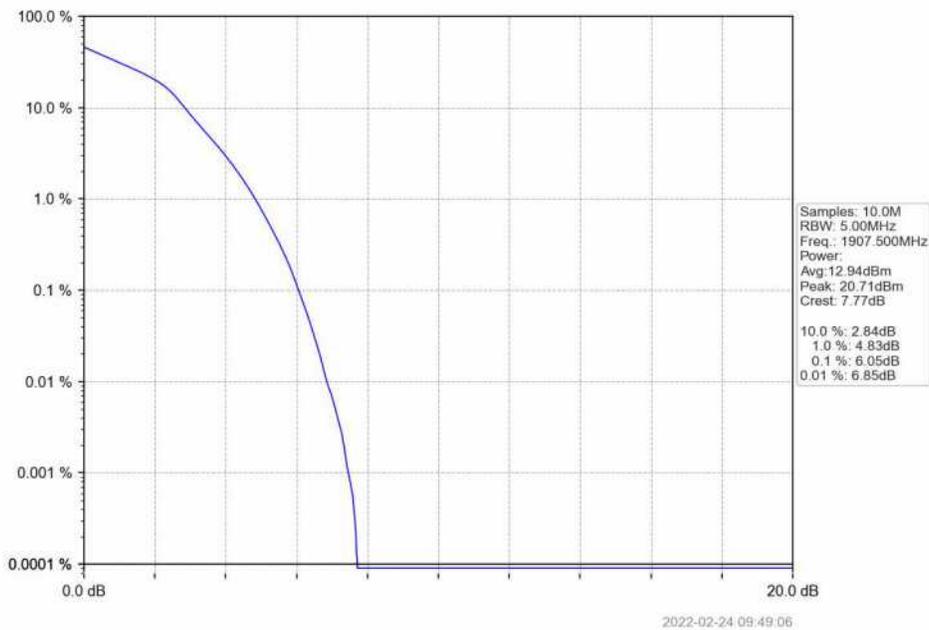
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

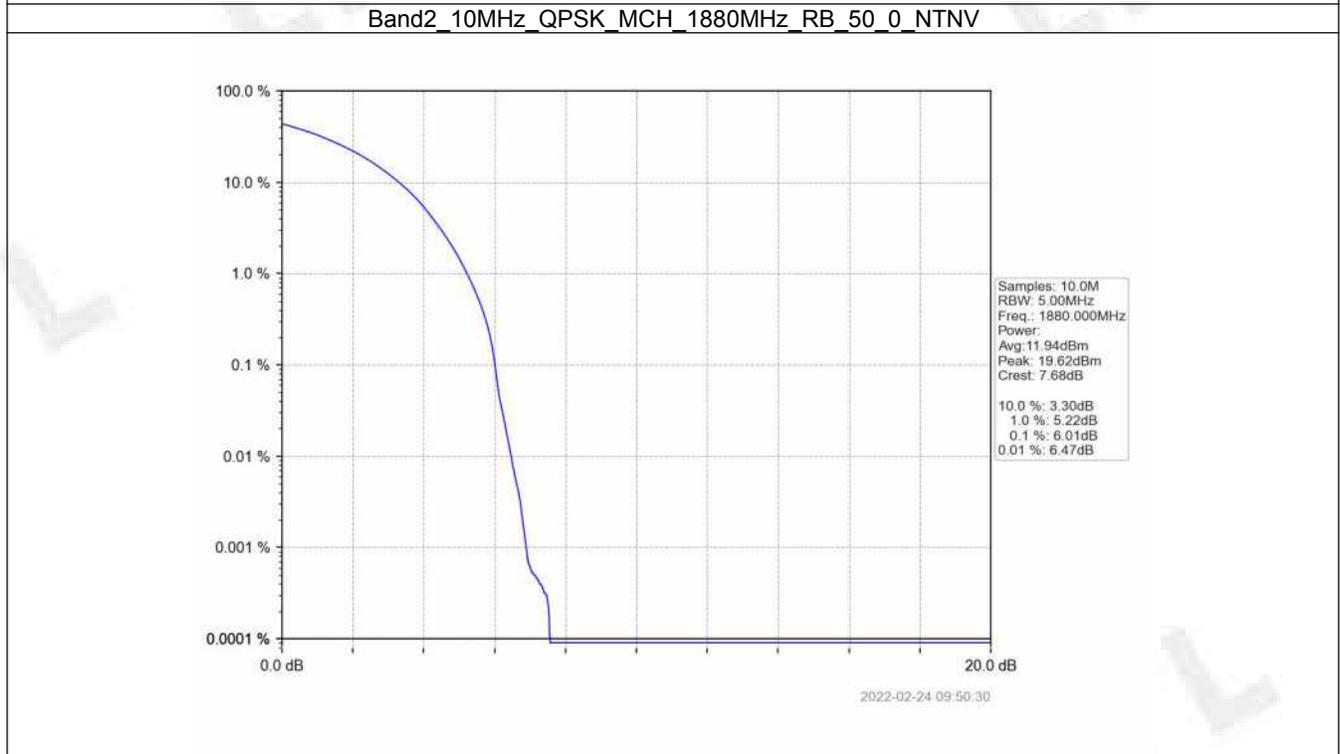
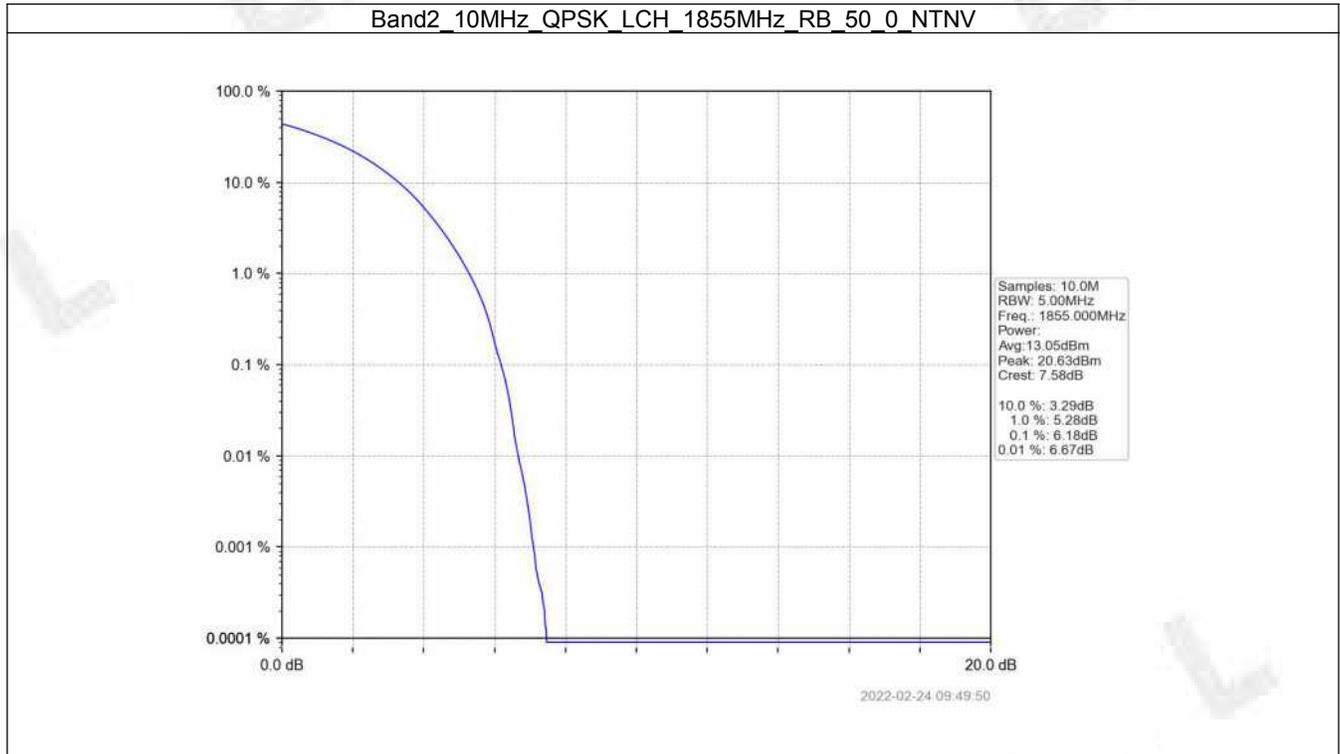


5.4 B2_10MHz

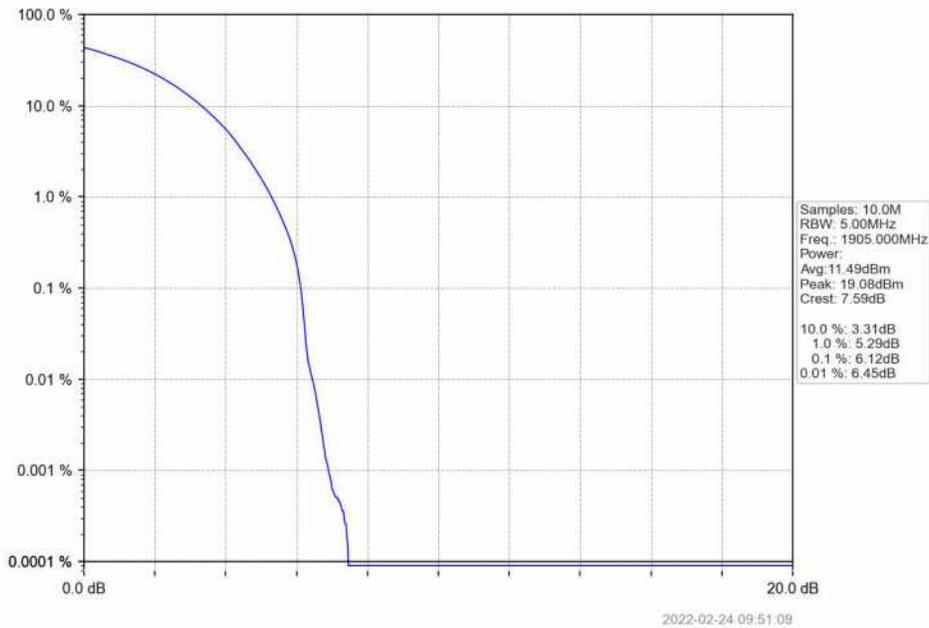
5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	6.18	<=13	Pass
	1880	50	0	6.01	<=13	Pass
	1905	50	0	6.12	<=13	Pass
16QAM	1855	50	0	6.70	<=13	Pass
	1880	50	0	6.73	<=13	Pass
	1905	50	0	6.78	<=13	Pass

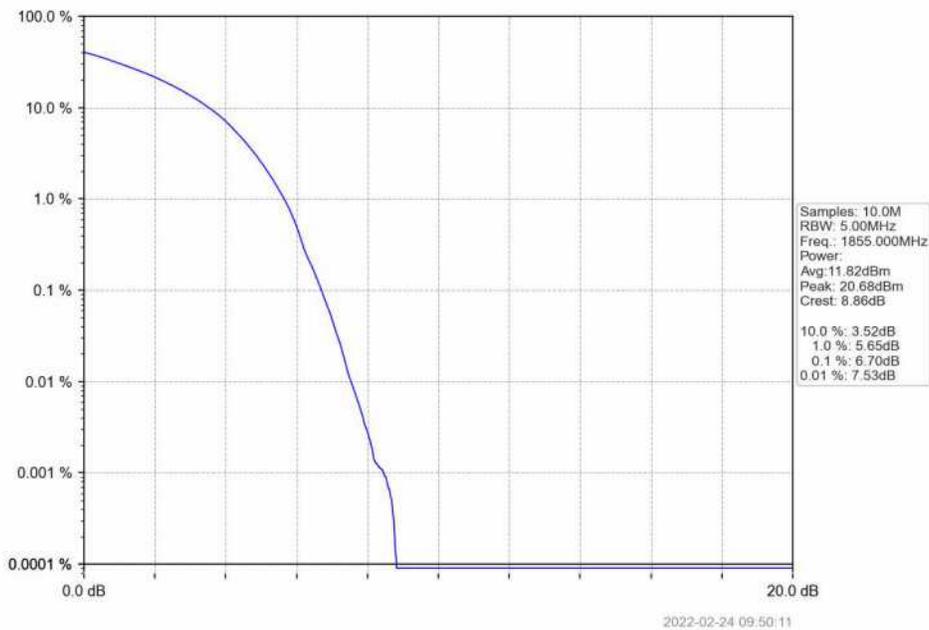
5.4.2 Test Graph



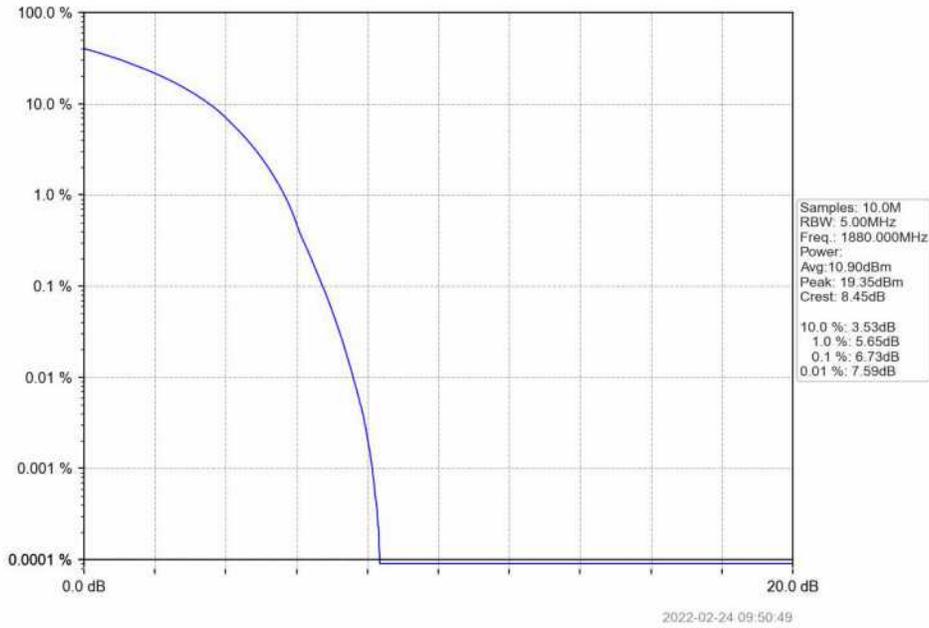
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



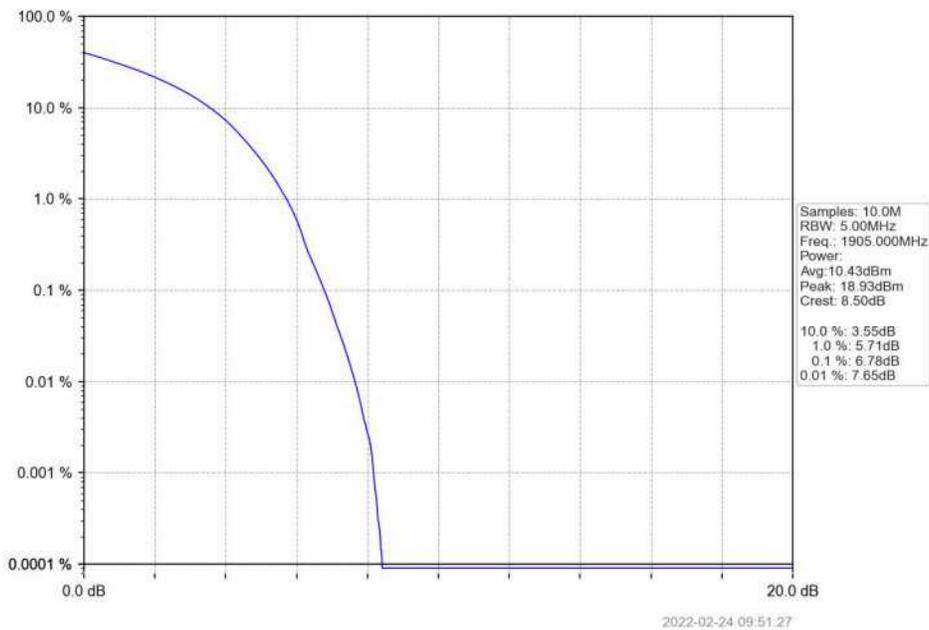
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



5.5 B2_15MHz

5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.74	<=13	Pass
	1880	75	0	6.72	<=13	Pass
	1902.5	75	0	6.79	<=13	Pass
16QAM	1857.5	75	0	7.24	<=13	Pass
	1880	75	0	7.29	<=13	Pass
	1902.5	75	0	7.25	<=13	Pass