

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	20.99	0.37	21.36	<=33.01	Pass		
			2	21.17	0.37	21.54	<=33.01	Pass		
			5	21.00	0.37	21.37	<=33.01	Pass		
		3	0	20.91	0.37	21.28	<=33.01	Pass		
			2	20.93	0.37	21.30	<=33.01	Pass		
			3	20.91	0.37	21.28	<=33.01	Pass		
		6	0	19.96	0.37	20.33	<=33.01	Pass		
		1880	1	0	20.72	0.37	21.09	<=33.01	Pass	
				2	20.86	0.37	21.23	<=33.01	Pass	
	5			20.69	0.37	21.06	<=33.01	Pass		
	3		0	20.61	0.37	20.98	<=33.01	Pass		
			2	20.62	0.37	20.99	<=33.01	Pass		
			3	20.58	0.37	20.95	<=33.01	Pass		
	6	0	19.68	0.37	20.05	<=33.01	Pass			
	1909.3	1	0	20.41	0.37	20.78	<=33.01	Pass		
			2	20.58	0.37	20.95	<=33.01	Pass		
			5	20.37	0.37	20.74	<=33.01	Pass		
		3	0	20.37	0.37	20.74	<=33.01	Pass		
			2	20.40	0.37	20.77	<=33.01	Pass		
			3	20.35	0.37	20.72	<=33.01	Pass		
		6	0	19.50	0.37	19.87	<=33.01	Pass		
		16QAM	1850.7	1	0	19.72	0.37	20.09	<=33.01	Pass
					2	19.91	0.37	20.28	<=33.01	Pass
	5				19.75	0.37	20.12	<=33.01	Pass	
3	0			20.01	0.37	20.38	<=33.01	Pass		
	2			20.05	0.37	20.42	<=33.01	Pass		
	3			20.03	0.37	20.40	<=33.01	Pass		
6	0			18.99	0.37	19.36	<=33.01	Pass		
1880	1			0	19.40	0.37	19.77	<=33.01	Pass	
				2	19.51	0.37	19.88	<=33.01	Pass	
			5	19.38	0.37	19.75	<=33.01	Pass		
	3		0	19.50	0.37	19.87	<=33.01	Pass		
			2	19.51	0.37	19.88	<=33.01	Pass		
			3	19.48	0.37	19.85	<=33.01	Pass		
6	0		18.62	0.37	18.99	<=33.01	Pass			
1909.3	1		0	19.38	0.37	19.75	<=33.01	Pass		
			2	19.52	0.37	19.89	<=33.01	Pass		
			5	19.40	0.37	19.77	<=33.01	Pass		
	3		0	19.34	0.37	19.71	<=33.01	Pass		
			2	19.38	0.37	19.75	<=33.01	Pass		
			3	19.33	0.37	19.70	<=33.01	Pass		
	6		0	18.42	0.37	18.79	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B2_3MHz_EIRP

1.2.1 Test Result

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	21.08	0.37	21.45	<=33.01	Pass		
			7	21.36	0.37	21.73	<=33.01	Pass		
			14	21.11	0.37	21.48	<=33.01	Pass		
		8	0	20.03	0.37	20.40	<=33.01	Pass		
			4	20.04	0.37	20.41	<=33.01	Pass		
			7	20.02	0.37	20.39	<=33.01	Pass		
		15	0	19.96	0.37	20.33	<=33.01	Pass		
		1880	1	0	20.78	0.37	21.15	<=33.01	Pass	
				7	20.98	0.37	21.35	<=33.01	Pass	
	14			20.72	0.37	21.09	<=33.01	Pass		
	8		0	19.73	0.37	20.10	<=33.01	Pass		
			4	19.79	0.37	20.16	<=33.01	Pass		
			7	19.76	0.37	20.13	<=33.01	Pass		
	15		0	19.66	0.37	20.03	<=33.01	Pass		
	1908.5		1	0	20.35	0.37	20.72	<=33.01	Pass	
				7	20.35	0.37	20.72	<=33.01	Pass	
		14		20.07	0.37	20.44	<=33.01	Pass		
		8	0	19.26	0.37	19.63	<=33.01	Pass		
			4	19.48	0.37	19.85	<=33.01	Pass		
			7	19.51	0.37	19.88	<=33.01	Pass		
		15	0	19.44	0.37	19.81	<=33.01	Pass		
		16QAM	1851.5	1	0	19.84	0.37	20.21	<=33.01	Pass
					7	20.16	0.37	20.53	<=33.01	Pass
	14				19.84	0.37	20.21	<=33.01	Pass	
	8			0	19.04	0.37	19.41	<=33.01	Pass	
				4	19.10	0.37	19.47	<=33.01	Pass	
				7	19.05	0.37	19.42	<=33.01	Pass	
15	0			19.00	0.37	19.37	<=33.01	Pass		
1880	1			0	19.77	0.37	20.14	<=33.01	Pass	
				7	19.92	0.37	20.29	<=33.01	Pass	
			14	19.66	0.37	20.03	<=33.01	Pass		
	8		0	18.62	0.37	18.99	<=33.01	Pass		
			4	18.75	0.37	19.12	<=33.01	Pass		
			7	18.67	0.37	19.04	<=33.01	Pass		
	15		0	18.60	0.37	18.97	<=33.01	Pass		
	1908.5		1	0	19.27	0.37	19.64	<=33.01	Pass	
				7	19.54	0.37	19.91	<=33.01	Pass	
14				19.19	0.37	19.56	<=33.01	Pass		
8			0	18.10	0.37	18.47	<=33.01	Pass		
			4	18.44	0.37	18.81	<=33.01	Pass		
			7	18.45	0.37	18.82	<=33.01	Pass		
15			0	18.29	0.37	18.66	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B2_5MHz_EIRP

1.3.1 Test Result

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	20.77	0.37	21.14	<=33.01	Pass
			13	20.88	0.37	21.25	<=33.01	Pass
			24	20.76	0.37	21.13	<=33.01	Pass

16QAM	1880	12	0	19.84	0.37	20.21	<=33.01	Pass	
			6	19.90	0.37	20.27	<=33.01	Pass	
			13	19.83	0.37	20.20	<=33.01	Pass	
		25	0	19.85	0.37	20.22	<=33.01	Pass	
			1	0	20.31	0.37	20.68	<=33.01	Pass
				13	20.19	0.37	20.56	<=33.01	Pass
		24		20.05	0.37	20.42	<=33.01	Pass	
		12	0	19.16	0.37	19.53	<=33.01	Pass	
			6	19.22	0.37	19.59	<=33.01	Pass	
	13		19.22	0.37	19.59	<=33.01	Pass		
	25	0	19.19	0.37	19.56	<=33.01	Pass		
		1907.5	1	0	19.92	0.37	20.29	<=33.01	Pass
				13	20.03	0.37	20.40	<=33.01	Pass
	24			19.87	0.37	20.24	<=33.01	Pass	
	12	0	18.98	0.37	19.35	<=33.01	Pass		
		6	19.05	0.37	19.42	<=33.01	Pass		
		13	18.98	0.37	19.35	<=33.01	Pass		
	25	0	18.98	0.37	19.35	<=33.01	Pass		
		1852.5	1	0	19.94	0.37	20.31	<=33.01	Pass
				13	19.99	0.37	20.36	<=33.01	Pass
	24			19.83	0.37	20.20	<=33.01	Pass	
	12	0	18.86	0.37	19.23	<=33.01	Pass		
		6	18.98	0.37	19.35	<=33.01	Pass		
		13	18.91	0.37	19.28	<=33.01	Pass		
	25	0	18.85	0.37	19.22	<=33.01	Pass		
		1880	1	0	19.22	0.37	19.59	<=33.01	Pass
				13	19.24	0.37	19.61	<=33.01	Pass
24	19.12			0.37	19.49	<=33.01	Pass		
12	0	18.08	0.37	18.45	<=33.01	Pass			
	6	18.12	0.37	18.49	<=33.01	Pass			
	13	18.13	0.37	18.50	<=33.01	Pass			
25	0	18.10	0.37	18.47	<=33.01	Pass			
	1907.5	1	0	19.06	0.37	19.43	<=33.01	Pass	
			13	19.13	0.37	19.50	<=33.01	Pass	
24			19.05	0.37	19.42	<=33.01	Pass		
12	0	17.90	0.37	18.27	<=33.01	Pass			
	6	17.98	0.37	18.35	<=33.01	Pass			
	13	17.93	0.37	18.30	<=33.01	Pass			
25	0	17.92	0.37	18.29	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B2_10MHz_EIRP

1.4.1 Test Result

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	20.96	0.37	21.33	<=33.01	Pass	
			25	21.21	0.37	21.58	<=33.01	Pass	
			49	20.91	0.37	21.28	<=33.01	Pass	
		25	0	19.82	0.37	20.19	<=33.01	Pass	
			13	19.74	0.37	20.11	<=33.01	Pass	
			25	19.67	0.37	20.04	<=33.01	Pass	
	1880	50	0	19.57	0.37	19.94	<=33.01	Pass	
			1	0	20.16	0.37	20.53	<=33.01	Pass
				25	20.28	0.37	20.65	<=33.01	Pass

16QAM	1905	25	49	20.01	0.37	20.38	<=33.01	Pass
			0	19.21	0.37	19.58	<=33.01	Pass
			13	19.28	0.37	19.65	<=33.01	Pass
			25	19.34	0.37	19.71	<=33.01	Pass
		50	0	19.28	0.37	19.65	<=33.01	Pass
			0	20.01	0.37	20.38	<=33.01	Pass
	1905	1	25	20.19	0.37	20.56	<=33.01	Pass
			49	19.93	0.37	20.30	<=33.01	Pass
			0	19.11	0.37	19.48	<=33.01	Pass
		25	13	19.13	0.37	19.50	<=33.01	Pass
			25	19.13	0.37	19.50	<=33.01	Pass
			50	0	19.08	0.37	19.45	<=33.01
	1855	1	0	19.26	0.37	19.63	<=33.01	Pass
			25	19.57	0.37	19.94	<=33.01	Pass
			49	19.42	0.37	19.79	<=33.01	Pass
		25	0	18.52	0.37	18.89	<=33.01	Pass
			13	18.51	0.37	18.88	<=33.01	Pass
			25	18.47	0.37	18.84	<=33.01	Pass
50		0	18.48	0.37	18.85	<=33.01	Pass	
1880		1	0	19.32	0.37	19.69	<=33.01	Pass
			25	19.42	0.37	19.79	<=33.01	Pass
			49	19.14	0.37	19.51	<=33.01	Pass
		25	0	18.19	0.37	18.56	<=33.01	Pass
			13	18.23	0.37	18.60	<=33.01	Pass
	25		18.28	0.37	18.65	<=33.01	Pass	
50	0	18.17	0.37	18.54	<=33.01	Pass		
1905	1	0	19.26	0.37	19.63	<=33.01	Pass	
		25	19.27	0.37	19.64	<=33.01	Pass	
		49	19.07	0.37	19.44	<=33.01	Pass	
	25	0	18.11	0.37	18.48	<=33.01	Pass	
		13	18.12	0.37	18.49	<=33.01	Pass	
		25	18.10	0.37	18.47	<=33.01	Pass	
	50	0	18.04	0.37	18.41	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B2_15MHz_EIRP

1.5.1 Test Result

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	20.52	0.37	20.89	<=33.01	Pass	
			38	20.48	0.37	20.85	<=33.01	Pass	
			74	20.35	0.37	20.72	<=33.01	Pass	
		36	0	19.56	0.37	19.93	<=33.01	Pass	
			18	19.57	0.37	19.94	<=33.01	Pass	
			39	19.44	0.37	19.81	<=33.01	Pass	
		75	0	19.56	0.37	19.93	<=33.01	Pass	
		1880	1	0	20.10	0.37	20.47	<=33.01	Pass
				38	20.14	0.37	20.51	<=33.01	Pass
	74			19.83	0.37	20.20	<=33.01	Pass	
	36		0	19.25	0.37	19.62	<=33.01	Pass	
			18	19.30	0.37	19.67	<=33.01	Pass	
			39	19.28	0.37	19.65	<=33.01	Pass	
	75	0	19.32	0.37	19.69	<=33.01	Pass		
	1902.5	1	0	19.91	0.37	20.28	<=33.01	Pass	

16QAM	1857.5	36	38	20.06	0.37	20.43	<=33.01	Pass	
			74	19.76	0.37	20.13	<=33.01	Pass	
			0	19.13	0.37	19.50	<=33.01	Pass	
		75	18	19.18	0.37	19.55	<=33.01	Pass	
			39	19.16	0.37	19.53	<=33.01	Pass	
			0	19.19	0.37	19.56	<=33.01	Pass	
	1880	1	0	19.37	0.37	19.74	<=33.01	Pass	
			38	19.59	0.37	19.96	<=33.01	Pass	
			74	19.52	0.37	19.89	<=33.01	Pass	
		36	0	18.50	0.37	18.87	<=33.01	Pass	
			18	18.57	0.37	18.94	<=33.01	Pass	
			39	18.46	0.37	18.83	<=33.01	Pass	
		75	0	18.52	0.37	18.89	<=33.01	Pass	
			1	0	19.28	0.37	19.65	<=33.01	Pass
				38	19.21	0.37	19.58	<=33.01	Pass
74	18.97	0.37		19.34	<=33.01	Pass			
1902.5	36	0	18.18	0.37	18.55	<=33.01	Pass		
		18	18.21	0.37	18.58	<=33.01	Pass		
		39	18.18	0.37	18.55	<=33.01	Pass		
	75	0	18.19	0.37	18.56	<=33.01	Pass		
		1	0	19.15	0.37	19.52	<=33.01	Pass	
			38	19.24	0.37	19.61	<=33.01	Pass	
	74		18.91	0.37	19.28	<=33.01	Pass		
	36	0	18.11	0.37	18.48	<=33.01	Pass		
		18	18.11	0.37	18.48	<=33.01	Pass		
39		18.11	0.37	18.48	<=33.01	Pass			
75	0	18.10	0.37	18.47	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	20.04	0.37	20.41	<=33.01	Pass	
			50	20.62	0.37	20.99	<=33.01	Pass	
			99	20.10	0.37	20.47	<=33.01	Pass	
		50	0	19.64	0.37	20.01	<=33.01	Pass	
			25	19.58	0.37	19.95	<=33.01	Pass	
			50	19.45	0.37	19.82	<=33.01	Pass	
		100	0	19.55	0.37	19.92	<=33.01	Pass	
		1880	1	0	20.04	0.37	20.41	<=33.01	Pass
				50	20.26	0.37	20.63	<=33.01	Pass
	99			19.72	0.37	20.09	<=33.01	Pass	
	50		0	19.16	0.37	19.53	<=33.01	Pass	
			25	19.17	0.37	19.54	<=33.01	Pass	
			50	19.22	0.37	19.59	<=33.01	Pass	
	100		0	19.14	0.37	19.51	<=33.01	Pass	
	1900		1	0	19.61	0.37	19.98	<=33.01	Pass
				50	20.15	0.37	20.52	<=33.01	Pass
		99		19.60	0.37	19.97	<=33.01	Pass	
		50	0	19.31	0.37	19.68	<=33.01	Pass	
			25	19.15	0.37	19.52	<=33.01	Pass	
			50	19.15	0.37	19.52	<=33.01	Pass	
		100	0	19.20	0.37	19.57	<=33.01	Pass	

16QAM	1860	1	0	18.86	0.37	19.23	<=33.01	Pass	
			50	19.49	0.37	19.86	<=33.01	Pass	
			99	19.03	0.37	19.40	<=33.01	Pass	
		50	0	18.62	0.37	18.99	<=33.01	Pass	
			25	18.55	0.37	18.92	<=33.01	Pass	
			50	18.42	0.37	18.79	<=33.01	Pass	
		100	0	18.57	0.37	18.94	<=33.01	Pass	
		1880	1	0	18.92	0.37	19.29	<=33.01	Pass
				50	19.12	0.37	19.49	<=33.01	Pass
	99			18.60	0.37	18.97	<=33.01	Pass	
	50		0	18.08	0.37	18.45	<=33.01	Pass	
			25	18.08	0.37	18.45	<=33.01	Pass	
			50	18.14	0.37	18.51	<=33.01	Pass	
	100		0	18.11	0.37	18.48	<=33.01	Pass	
	1900		1	0	18.84	0.37	19.21	<=33.01	Pass
				50	19.30	0.37	19.67	<=33.01	Pass
		99		18.71	0.37	19.08	<=33.01	Pass	
		50	0	18.30	0.37	18.67	<=33.01	Pass	
			25	18.11	0.37	18.48	<=33.01	Pass	
			50	18.11	0.37	18.48	<=33.01	Pass	
		100	0	18.20	0.37	18.57	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

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	-5.879	-0.0032	-2.5 to 2.5	Pass		
					3.85	-11.830	-0.0064	-2.5 to 2.5	Pass		
					4.43	-12.774	-0.0069	-2.5 to 2.5	Pass		
				-30	3.85	-10.185	-0.0055	-2.5 to 2.5	Pass		
					-20	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass	
					-10	3.85	-10.257	-0.0055	-2.5 to 2.5	Pass	
				0	3.85	-13.576	-0.0073	-2.5 to 2.5	Pass		
					10	3.85	-5.708	-0.0031	-2.5 to 2.5	Pass	
					30	3.85	-14.706	-0.0079	-2.5 to 2.5	Pass	
				40	3.85	-11.730	-0.0063	-2.5 to 2.5	Pass		
					50	3.85	-9.055	-0.0049	-2.5 to 2.5	Pass	
					20	3.27	-6.566	-0.0035	-2.5 to 2.5	Pass	
	3.85	-11.902	-0.0063	-2.5 to 2.5		Pass					
	4.43	-8.354	-0.0044	-2.5 to 2.5		Pass					
	1880	6	0	-30	3.85	-11.101	-0.0059	-2.5 to 2.5	Pass		
					-20	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass	
					-10	3.85	-15.864	-0.0084	-2.5 to 2.5	Pass	
				0	3.85	-11.330	-0.0060	-2.5 to 2.5	Pass		
					10	3.85	-14.391	-0.0077	-2.5 to 2.5	Pass	
					30	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass	
				40	3.85	-12.116	-0.0064	-2.5 to 2.5	Pass		
					50	3.85	4.764	0.0025	-2.5 to 2.5	Pass	
					20	3.27	-10.371	-0.0054	-2.5 to 2.5	Pass	
				3.85		-20.843	-0.0109	-2.5 to 2.5	Pass		
1909.3				6		0	20	3.27	-10.371	-0.0054	-2.5 to 2.5
					3.85			-20.843	-0.0109	-2.5 to 2.5	Pass
	4.43	-8.354	-0.0044		-2.5 to 2.5			Pass			

					4.43	5.622	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-7.696	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-11.001	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-8.011	-0.0042	-2.5 to 2.5	Pass
				0	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-16.351	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				50	3.85	2.046	0.0011	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-11.959	-0.0065	-2.5 to 2.5	Pass
					3.85	-13.661	-0.0074	-2.5 to 2.5	Pass
					4.43	25.220	0.0136	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-14.577	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-9.184	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-10.757	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-13.032	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-15.936	-0.0086	-2.5 to 2.5	Pass
	50	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-6.809	-0.0036	-2.5 to 2.5	Pass
					3.85	-29.469	-0.0157	-2.5 to 2.5	Pass
					4.43	-9.484	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	4.778	0.0025	-2.5 to 2.5	Pass
				-20	3.85	3.076	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-10.514	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-18.539	-0.0099	-2.5 to 2.5	Pass
	50	3.85	-10.901	-0.0058	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-4.191	-0.0022	-2.5 to 2.5	Pass
					3.85	-12.560	-0.0066	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-9.055	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				0	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0039	-2.5 to 2.5	Pass
30				3.85	-4.835	-0.0025	-2.5 to 2.5	Pass	
40				3.85	1.903	0.0010	-2.5 to 2.5	Pass	
50	3.85	-18.568	-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	-0.143	-0.0001	-2.5 to 2.5	Pass
					3.85	-13.576	-0.0073	-2.5 to 2.5	Pass
					4.43	-8.926	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-9.742	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0047	-2.5 to 2.5	Pass

				10	3.85	-6.223	-0.0034	-2.5 to 2.5	Pass	
				30	3.85	-12.131	-0.0066	-2.5 to 2.5	Pass	
				40	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass	
				50	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass	
	1880	15	0	20	3.27	-6.495	-0.0035	-2.5 to 2.5	Pass	
					3.85	0.114	0.0001	-2.5 to 2.5	Pass	
					4.43	-11.659	-0.0062	-2.5 to 2.5	Pass	
				-30	3.85	-18.811	-0.0100	-2.5 to 2.5	Pass	
				-20	3.85	-8.082	-0.0043	-2.5 to 2.5	Pass	
				-10	3.85	3.076	0.0016	-2.5 to 2.5	Pass	
				0	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass	
				10	3.85	-9.241	-0.0049	-2.5 to 2.5	Pass	
				30	3.85	-12.059	-0.0064	-2.5 to 2.5	Pass	
				40	3.85	-11.916	-0.0063	-2.5 to 2.5	Pass	
				50	3.85	2.661	0.0014	-2.5 to 2.5	Pass	
				1908.5	15	0	20	3.27	-3.362	-0.0018
	3.85	-3.548	-0.0019					-2.5 to 2.5	Pass	
	4.43	-9.069	-0.0048					-2.5 to 2.5	Pass	
	-30	3.85	-8.712				-0.0046	-2.5 to 2.5	Pass	
	-20	3.85	-9.670				-0.0051	-2.5 to 2.5	Pass	
	-10	3.85	-19.040				-0.0100	-2.5 to 2.5	Pass	
	0	3.85	-5.164				-0.0027	-2.5 to 2.5	Pass	
	10	3.85	-4.578				-0.0024	-2.5 to 2.5	Pass	
	30	3.85	-8.383				-0.0044	-2.5 to 2.5	Pass	
	40	3.85	-0.029				0.0000	-2.5 to 2.5	Pass	
	50	3.85	2.174				0.0011	-2.5 to 2.5	Pass	
	16QAM	1851.5	15				0	20	3.27	-11.287
				3.85	-5.150	-0.0028			-2.5 to 2.5	Pass
				4.43	1.044	0.0006			-2.5 to 2.5	Pass
				-30	3.85	0.529		0.0003	-2.5 to 2.5	Pass
-20				3.85	-6.709	-0.0036		-2.5 to 2.5	Pass	
-10				3.85	-1.845	-0.0010		-2.5 to 2.5	Pass	
0				3.85	-10.457	-0.0056		-2.5 to 2.5	Pass	
10				3.85	-3.476	-0.0019		-2.5 to 2.5	Pass	
30				3.85	-8.125	-0.0044		-2.5 to 2.5	Pass	
40				3.85	-11.187	-0.0060		-2.5 to 2.5	Pass	
50				3.85	-6.280	-0.0034		-2.5 to 2.5	Pass	
1880				15	0	20		3.27	-12.016	-0.0064
		3.85	1.373				0.0007	-2.5 to 2.5	Pass	
		4.43	-10.629				-0.0057	-2.5 to 2.5	Pass	
		-30	3.85			-13.919	-0.0074	-2.5 to 2.5	Pass	
		-20	3.85			-3.576	-0.0019	-2.5 to 2.5	Pass	
		-10	3.85			-12.846	-0.0068	-2.5 to 2.5	Pass	
		0	3.85			-10.042	-0.0053	-2.5 to 2.5	Pass	
		10	3.85			-11.916	-0.0063	-2.5 to 2.5	Pass	
		30	3.85			-7.310	-0.0039	-2.5 to 2.5	Pass	
		40	3.85			-10.271	-0.0055	-2.5 to 2.5	Pass	
		50	3.85			-17.209	-0.0092	-2.5 to 2.5	Pass	
		1908.5	15			0	20	3.27	-9.742	-0.0051
3.85				-4.835	-0.0025			-2.5 to 2.5	Pass	
4.43				-4.764	-0.0025			-2.5 to 2.5	Pass	
-30				3.85	-4.735		-0.0025	-2.5 to 2.5	Pass	
-20				3.85	-3.505		-0.0018	-2.5 to 2.5	Pass	
-10				3.85	0.658		0.0003	-2.5 to 2.5	Pass	
0				3.85	-6.995		-0.0037	-2.5 to 2.5	Pass	
10				3.85	-11.001		-0.0058	-2.5 to 2.5	Pass	
30	3.85			-3.076	-0.0016		-2.5 to 2.5	Pass		
40	3.85			-1.717	-0.0009		-2.5 to 2.5	Pass		
50	3.85			-2.174	-0.0011		-2.5 to 2.5	Pass		

2.3 B2_5MHz

2.3.1 Test Result

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	3.27	-1.659	-0.0009	-2.5 to 2.5	Pass	
					3.85	-6.781	-0.0037	-2.5 to 2.5	Pass	
					4.43	-8.311	-0.0045	-2.5 to 2.5	Pass	
				-30	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass	
					-20	3.85	-9.828	-0.0053	-2.5 to 2.5	Pass
						3.85	-3.834	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass	
					10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass	
				40	3.85	-7.939	-0.0043	-2.5 to 2.5	Pass	
	50	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass				
	1880	25	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass	
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass	
					4.43	-8.740	-0.0046	-2.5 to 2.5	Pass	
				-30	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass	
					-20	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
						3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass	
					10	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass	
				40	3.85	-13.561	-0.0072	-2.5 to 2.5	Pass	
	50	3.85	-9.770	-0.0052	-2.5 to 2.5	Pass				
	1907.5	25	0	20	3.27	-5.822	-0.0031	-2.5 to 2.5	Pass	
					3.85	-7.710	-0.0040	-2.5 to 2.5	Pass	
					4.43	-4.649	-0.0024	-2.5 to 2.5	Pass	
				-30	3.85	-10.471	-0.0055	-2.5 to 2.5	Pass	
					-20	3.85	-12.374	-0.0065	-2.5 to 2.5	Pass
						3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass	
					10	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
30				3.85	-11.358	-0.0060	-2.5 to 2.5	Pass		
40				3.85	-11.230	-0.0059	-2.5 to 2.5	Pass		
50	3.85	0.358	0.0002	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20	3.27	-13.132	-0.0071	-2.5 to 2.5	Pass	
					3.85	-8.683	-0.0047	-2.5 to 2.5	Pass	
					4.43	-5.307	-0.0029	-2.5 to 2.5	Pass	
				-30	3.85	-6.266	-0.0034	-2.5 to 2.5	Pass	
					-20	3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
						3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass	
					10	3.85	-10.457	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-10.929	-0.0059	-2.5 to 2.5	Pass	
				40	3.85	-8.039	-0.0043	-2.5 to 2.5	Pass	
	50	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass				
	1880	25	0	20	3.27	-18.525	-0.0099	-2.5 to 2.5	Pass	
					3.85	5.007	0.0027	-2.5 to 2.5	Pass	
					4.43	-3.891	-0.0021	-2.5 to 2.5	Pass	
				-30	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass	
					-20	3.85	-10.486	-0.0056	-2.5 to 2.5	Pass

				-10	3.85	-13.990	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-10.901	-0.0058	-2.5 to 2.5	Pass
	50	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-4.478	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-12.145	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-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	-3.777	-0.0020	-2.5 to 2.5	Pass			
					3.85	-2.418	-0.0013	-2.5 to 2.5	Pass			
					4.43	-6.738	-0.0036	-2.5 to 2.5	Pass			
				-30	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass			
				-20	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass			
				-10	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass			
				0	3.85	-8.340	-0.0045	-2.5 to 2.5	Pass			
				10	3.85	-3.448	-0.0019	-2.5 to 2.5	Pass			
				30	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass			
				40	3.85	-6.666	-0.0036	-2.5 to 2.5	Pass			
				50	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass			
				1880	50	0	20	3.27	-7.782	-0.0041	-2.5 to 2.5	Pass
								3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
								4.43	-8.254	-0.0044	-2.5 to 2.5	Pass
							-30	3.85	-10.200	-0.0054	-2.5 to 2.5	Pass
	-20	3.85	-4.435				-0.0024	-2.5 to 2.5	Pass			
	-10	3.85	-9.398				-0.0050	-2.5 to 2.5	Pass			
	0	3.85	-3.619				-0.0019	-2.5 to 2.5	Pass			
	10	3.85	2.861				0.0015	-2.5 to 2.5	Pass			
	30	3.85	-2.174				-0.0012	-2.5 to 2.5	Pass			
	40	3.85	-11.902				-0.0063	-2.5 to 2.5	Pass			
	50	3.85	-8.211				-0.0044	-2.5 to 2.5	Pass			
	1905	50	0				20	3.27	-10.200	-0.0054	-2.5 to 2.5	Pass
								3.85	-11.201	-0.0059	-2.5 to 2.5	Pass
								4.43	-7.668	-0.0040	-2.5 to 2.5	Pass
							-30	3.85	-9.313	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-9.885	-0.0052	-2.5 to 2.5	Pass			
				-10	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass			
				0	3.85	-11.530	-0.0061	-2.5 to 2.5	Pass			
				10	3.85	-10.314	-0.0054	-2.5 to 2.5	Pass			
30				3.85	-2.046	-0.0011	-2.5 to 2.5	Pass				
40				3.85	-5.078	-0.0027	-2.5 to 2.5	Pass				

16QAM	1855	50	0	50	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass		
				20	3.27	-1.931	-0.0010	-2.5 to 2.5	Pass		
				20	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass		
				20	4.43	-8.540	-0.0046	-2.5 to 2.5	Pass		
	-30	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass					
	-20	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass					
	-10	3.85	-6.480	-0.0035	-2.5 to 2.5	Pass					
	0	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass					
	10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass					
	30	3.85	0.415	0.0002	-2.5 to 2.5	Pass					
	40	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass					
	50	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass					
	1880	50	0	20	3.27	-9.699	-0.0052	-2.5 to 2.5	Pass		
				20	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass		
20				4.43	-1.674	-0.0009	-2.5 to 2.5	Pass			
-30				3.85	-5.193	-0.0028	-2.5 to 2.5	Pass			
-20	3.85	-10.886	-0.0058	-2.5 to 2.5	Pass						
-10	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass						
0	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass						
10	3.85	-9.027	-0.0048	-2.5 to 2.5	Pass						
30	3.85	-9.127	-0.0049	-2.5 to 2.5	Pass						
40	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass						
50	3.85	-4.964	-0.0026	-2.5 to 2.5	Pass						
1905	50	0	20	3.27	-8.311	-0.0044	-2.5 to 2.5	Pass			
			20	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass			
			20	4.43	-8.140	-0.0043	-2.5 to 2.5	Pass			
			-30	3.85	-7.997	-0.0042	-2.5 to 2.5	Pass			
-20	3.85	-12.746	-0.0067	-2.5 to 2.5	Pass						
-10	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass						
0	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass						
10	3.85	-8.698	-0.0046	-2.5 to 2.5	Pass						
30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass						
40	3.85	-9.127	-0.0048	-2.5 to 2.5	Pass						
50	3.85	-11.201	-0.0059	-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	-6.294	-0.0034	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
					4.43	-11.144	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-10.142	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
	50	3.85	-6.223	-0.0034	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-13.390	-0.0071	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0039	-2.5 to 2.5	Pass
					4.43	-13.447	-0.0072	-2.5 to 2.5	Pass
-30					3.85	-11.888	-0.0063	-2.5 to 2.5	Pass

				-20	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-7.896	-0.0042	-2.5 to 2.5	Pass
	50	3.85	-5.579	-0.0030	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-8.812	-0.0046	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-8.669	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-10.657	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
		0	3.85	-6.781	-0.0036	-2.5 to 2.5	Pass		
		10	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass		
		30	3.85	-10.171	-0.0053	-2.5 to 2.5	Pass		
		40	3.85	-11.630	-0.0061	-2.5 to 2.5	Pass		
		50	3.85	-6.323	-0.0033	-2.5 to 2.5	Pass		
16QAM		1857.5	75	0	20	3.27	-9.284	-0.0050	-2.5 to 2.5
	3.85					-7.210	-0.0039	-2.5 to 2.5	Pass
	4.43					-5.236	-0.0028	-2.5 to 2.5	Pass
	-30				3.85	-4.792	-0.0026	-2.5 to 2.5	Pass
	-20				3.85	-8.526	-0.0046	-2.5 to 2.5	Pass
	-10				3.85	-8.154	-0.0044	-2.5 to 2.5	Pass
	0				3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
	10				3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
	30				3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
	40	3.85	-8.740	-0.0047	-2.5 to 2.5	Pass			
	50	3.85	-6.623	-0.0036	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-8.855	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-10.743	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-10.629	-0.0057	-2.5 to 2.5	Pass
10				3.85	-8.268	-0.0044	-2.5 to 2.5	Pass	
30				3.85	-4.449	-0.0024	-2.5 to 2.5	Pass	
40	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass				
50	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass				
1902.5	75	0	20	3.27	-11.616	-0.0061	-2.5 to 2.5	Pass	
				3.85	-9.871	-0.0052	-2.5 to 2.5	Pass	
				4.43	-3.977	-0.0021	-2.5 to 2.5	Pass	
			-30	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass	
			-20	3.85	-8.669	-0.0046	-2.5 to 2.5	Pass	
			-10	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass	
			0	3.85	-1.988	-0.0010	-2.5 to 2.5	Pass	
			10	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass	
			30	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass	
40	3.85	-11.530	-0.0061	-2.5 to 2.5	Pass				
50	3.85	-4.864	-0.0026	-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	-8.240	-0.0044	-2.5 to 2.5	Pass
					3.85	0.300	0.0002	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-10.800	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
	50	3.85	0.157	0.0001	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-7.696	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.428	-0.0055	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-9.871	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-7.868	-0.0042	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.85	-9.012	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
				10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
30				3.85	-3.433	-0.0018	-2.5 to 2.5	Pass	
40				3.85	-1.144	-0.0006	-2.5 to 2.5	Pass	
50	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-0.801	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-11.401	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				40	3.85	0.429	0.0002	-2.5 to 2.5	Pass
	50	3.85	-7.353	-0.0040	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-3.176	-0.0017	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-13.490	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				0	3.85	-12.488	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-8.640	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
	50	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-5.593	-0.0029	-2.5 to 2.5	Pass
					3.85	0.086	0.0000	-2.5 to 2.5	Pass

				4.43	-11.773	-0.0062	-2.5 to 2.5	Pass	
				-30	3.85	-8.211	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-8.812	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0036	-2.5 to 2.5	Pass

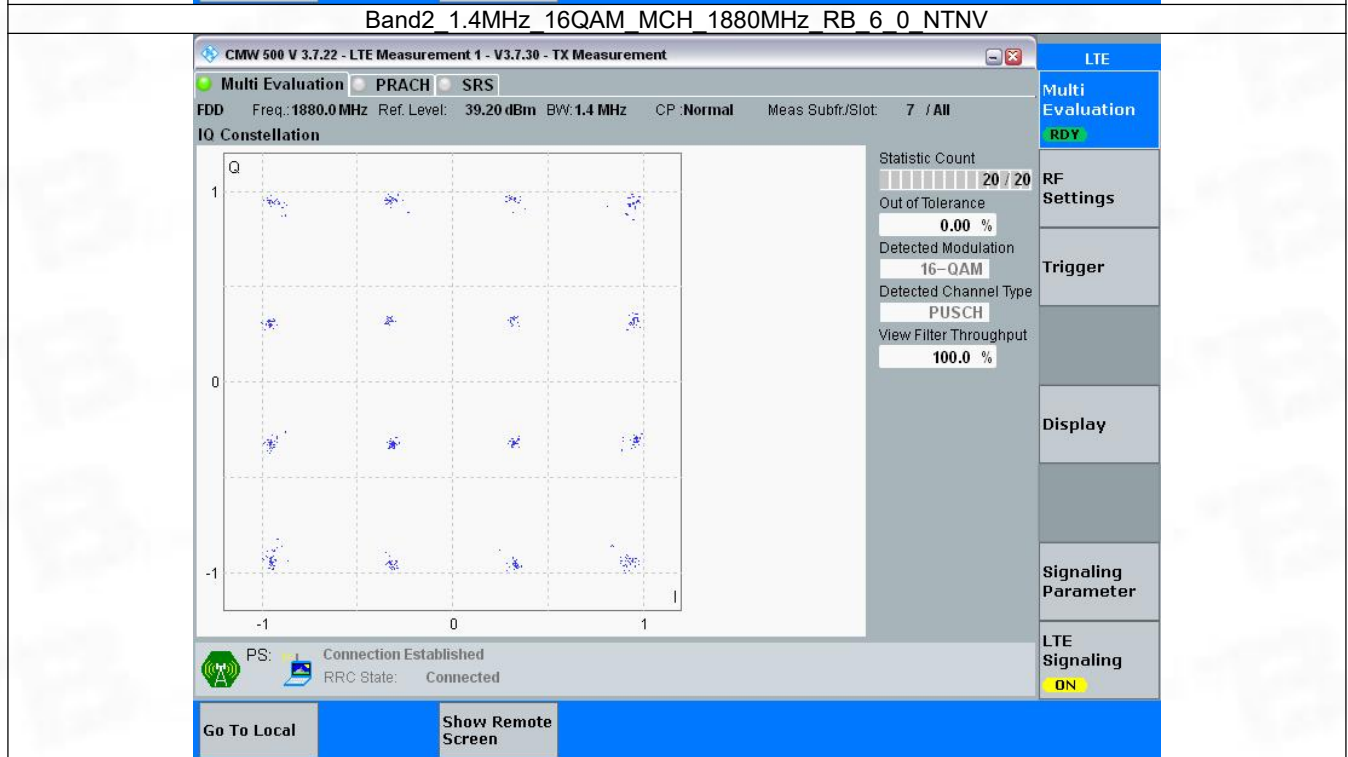
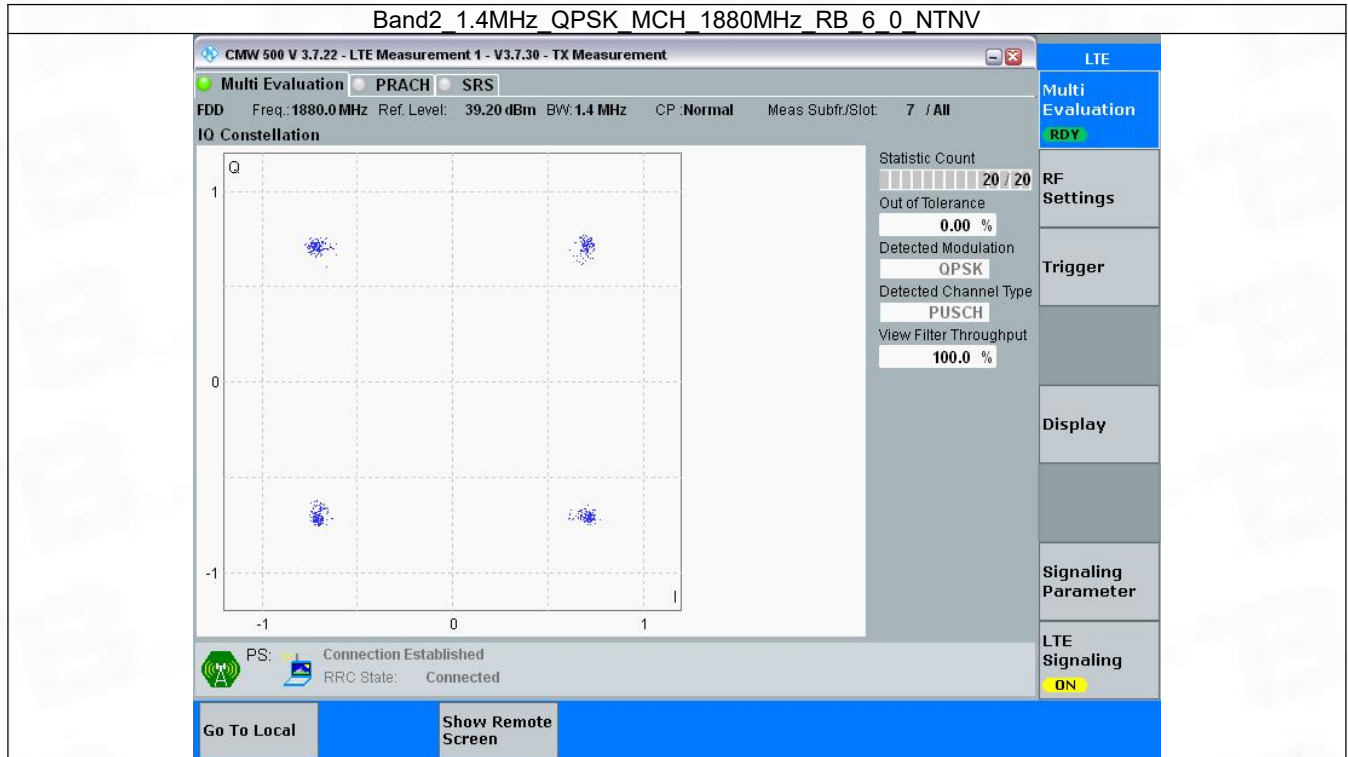
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTN						
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

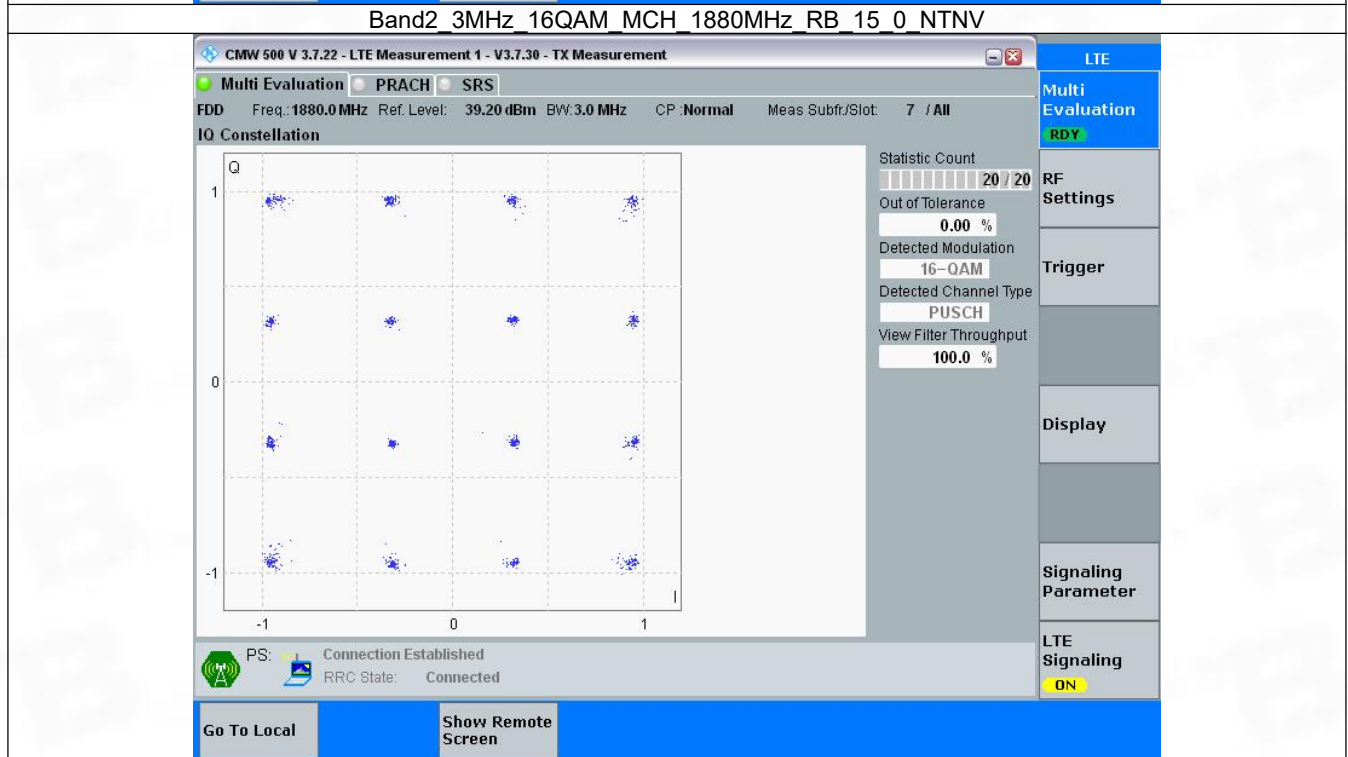
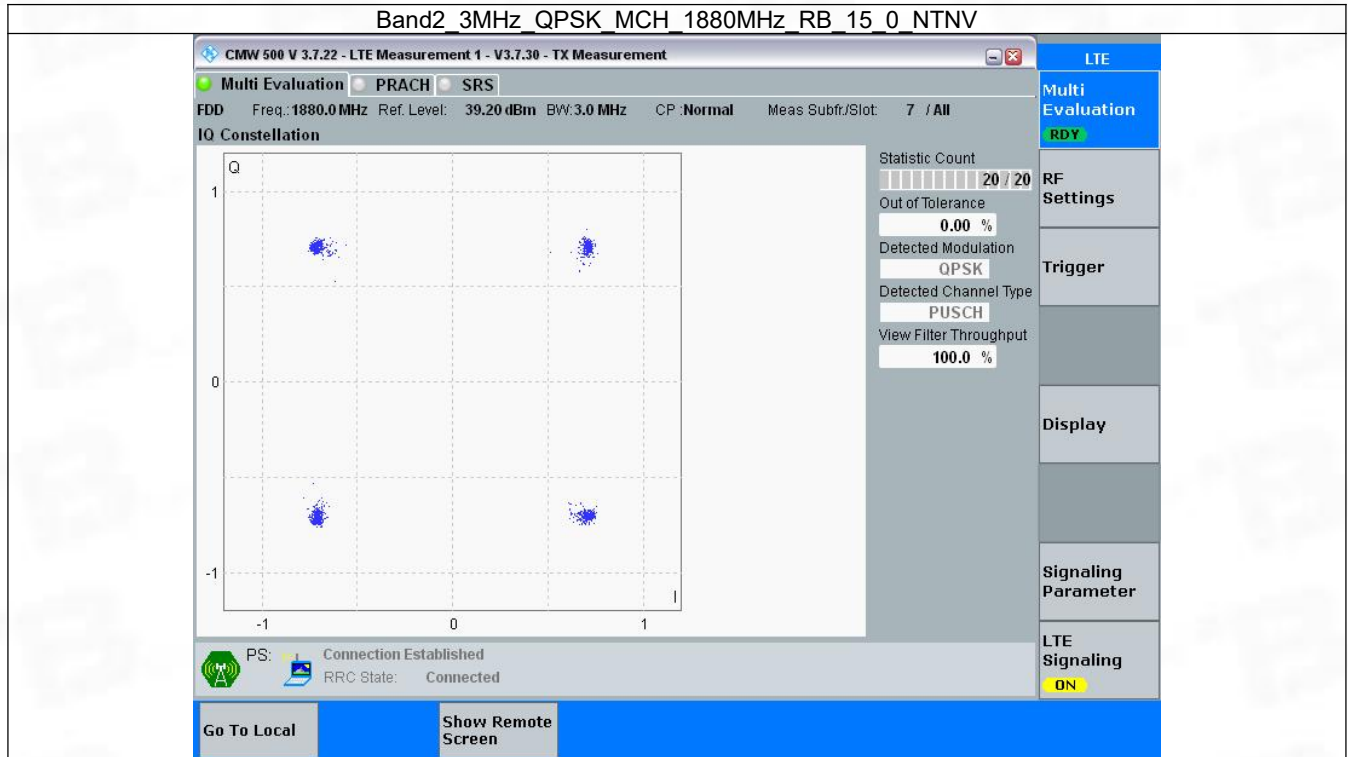


3.2 B2_3MHz

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

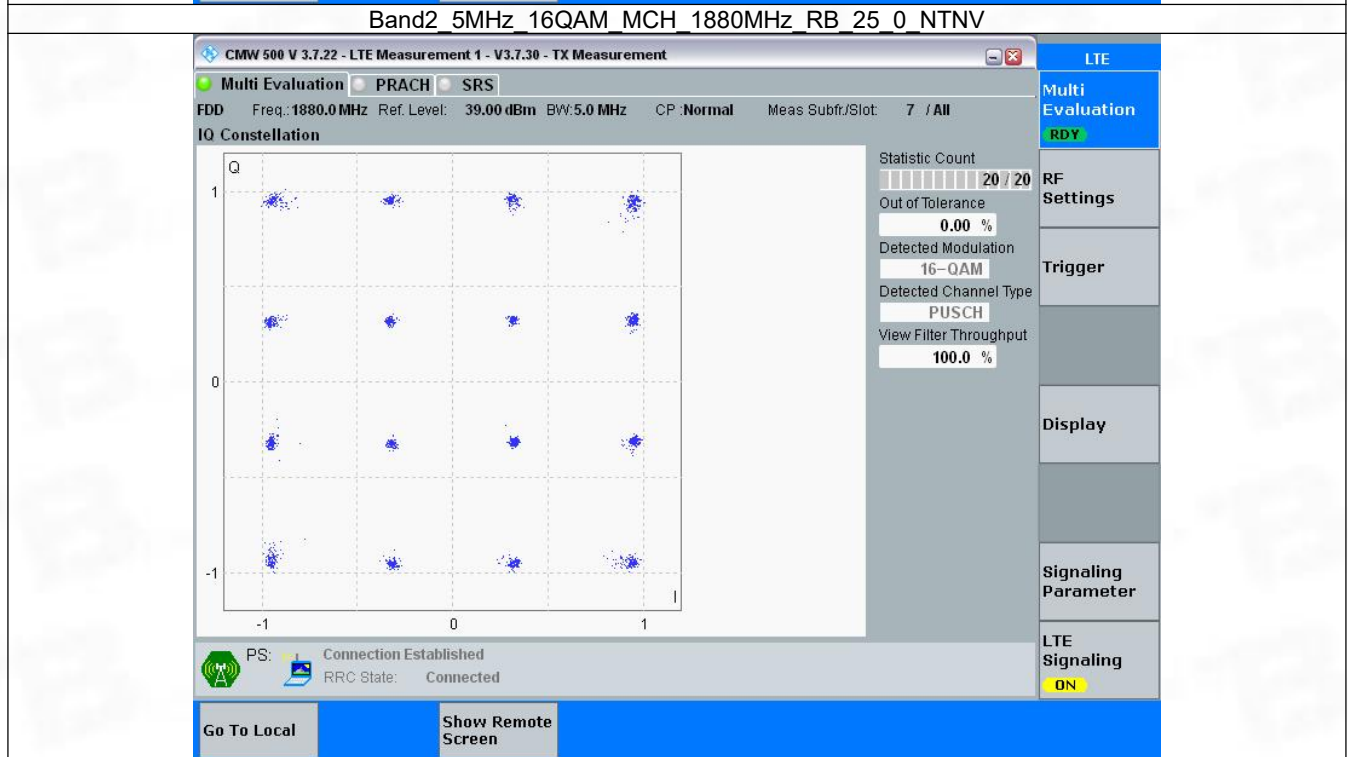
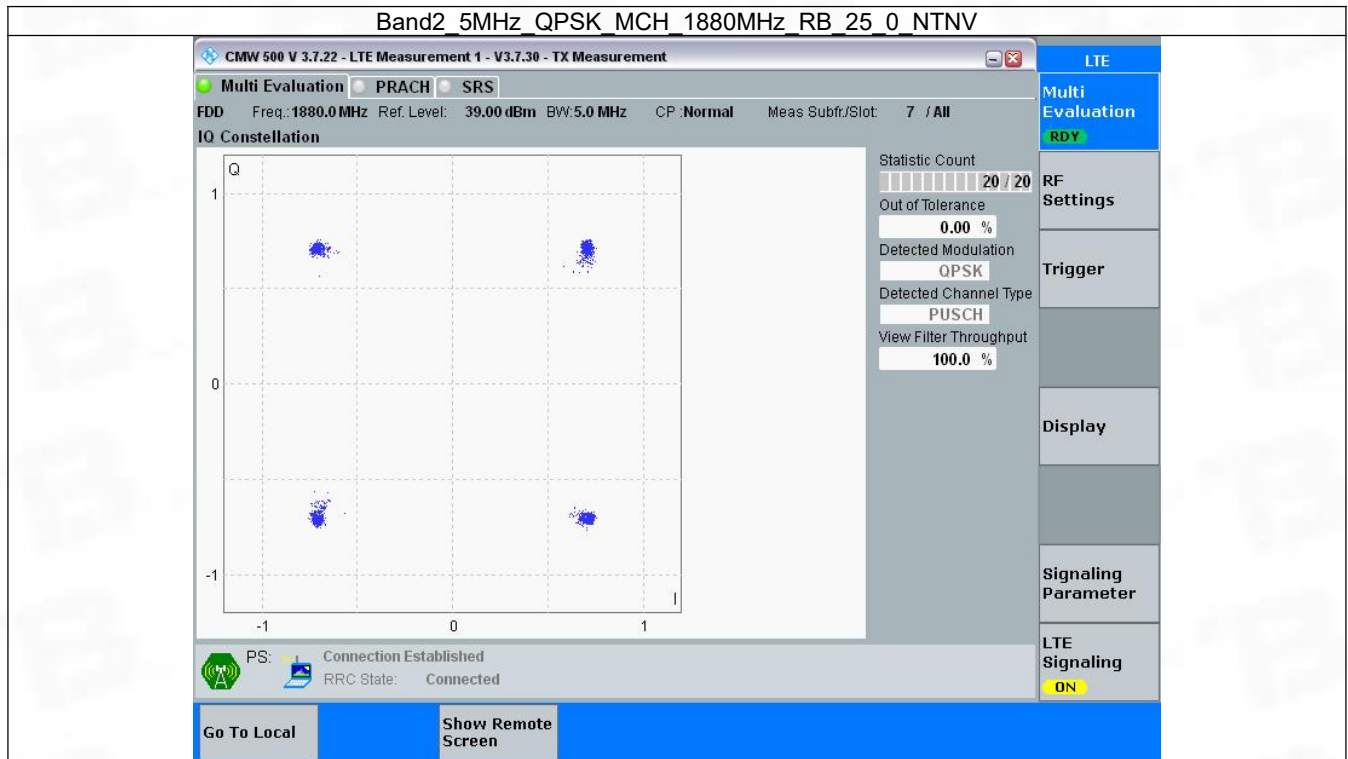


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
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

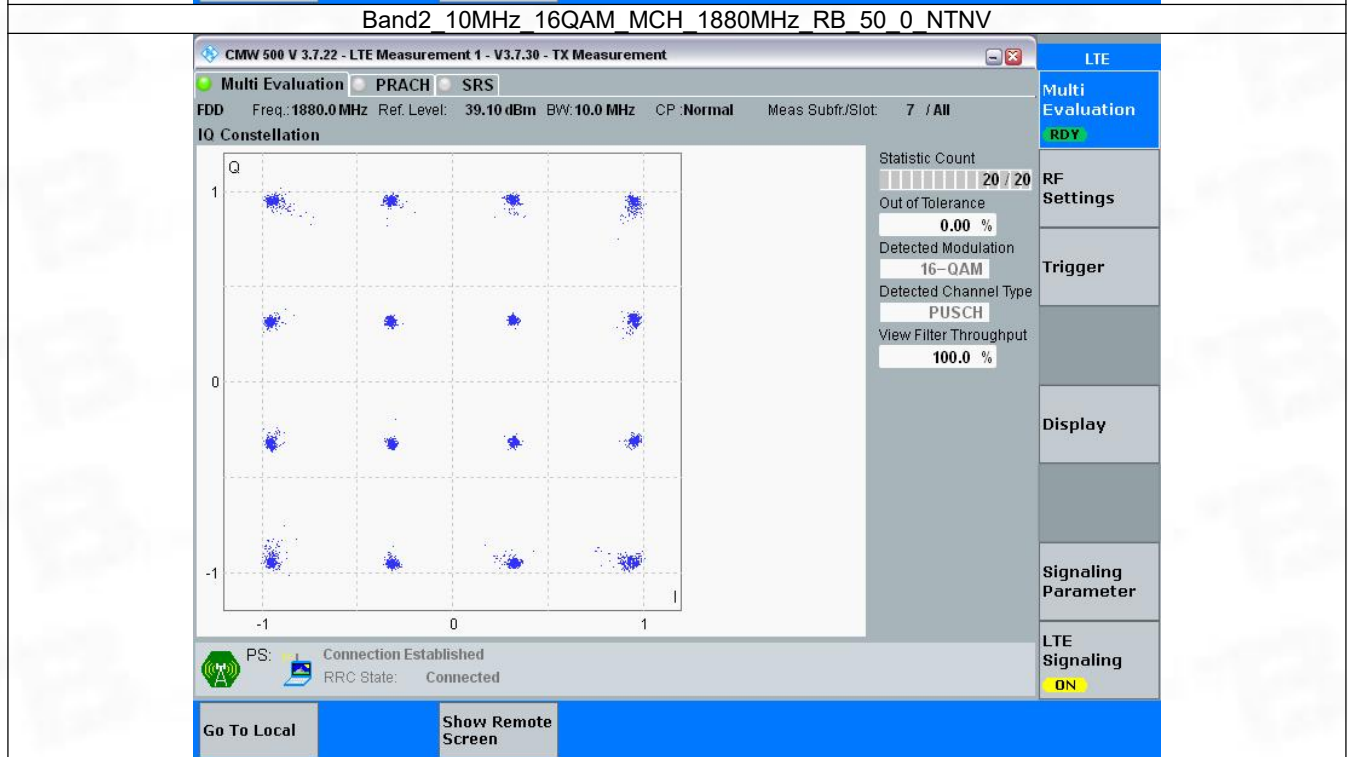
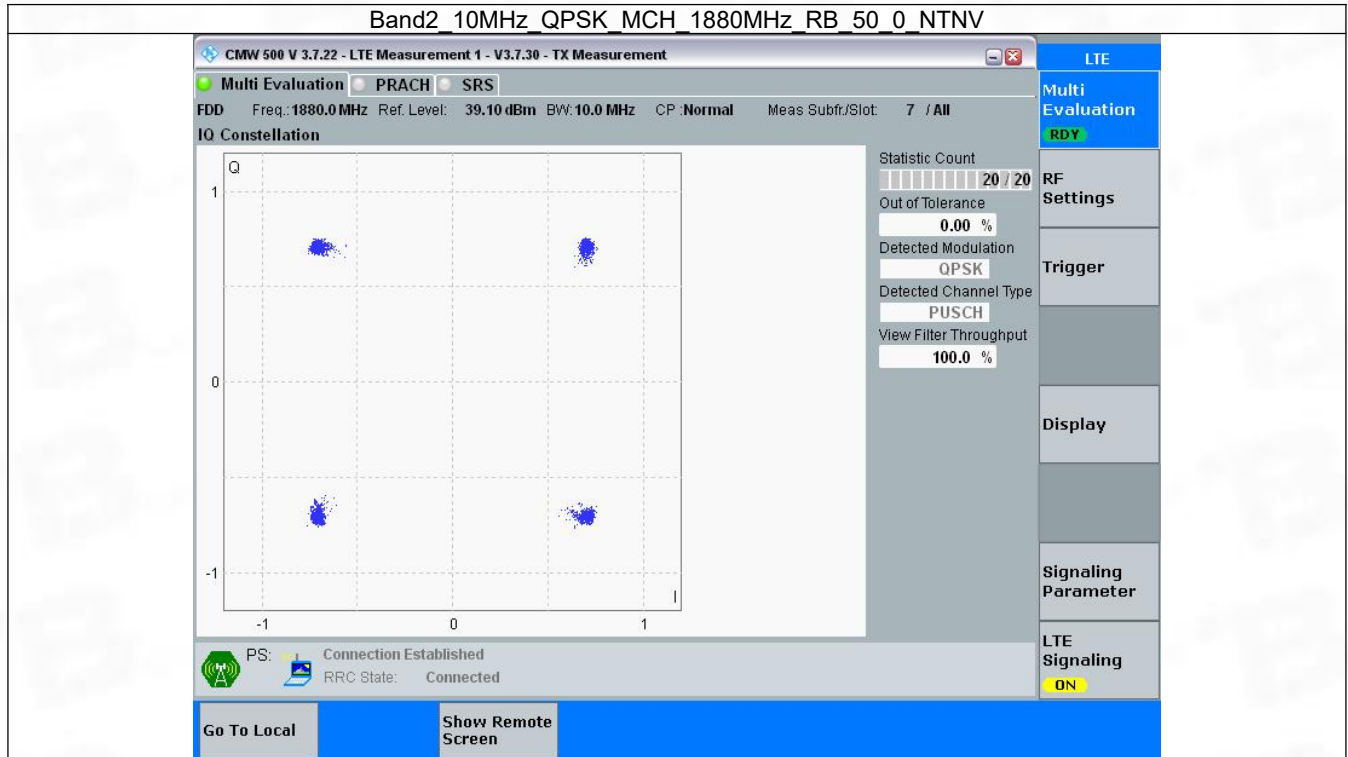


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
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

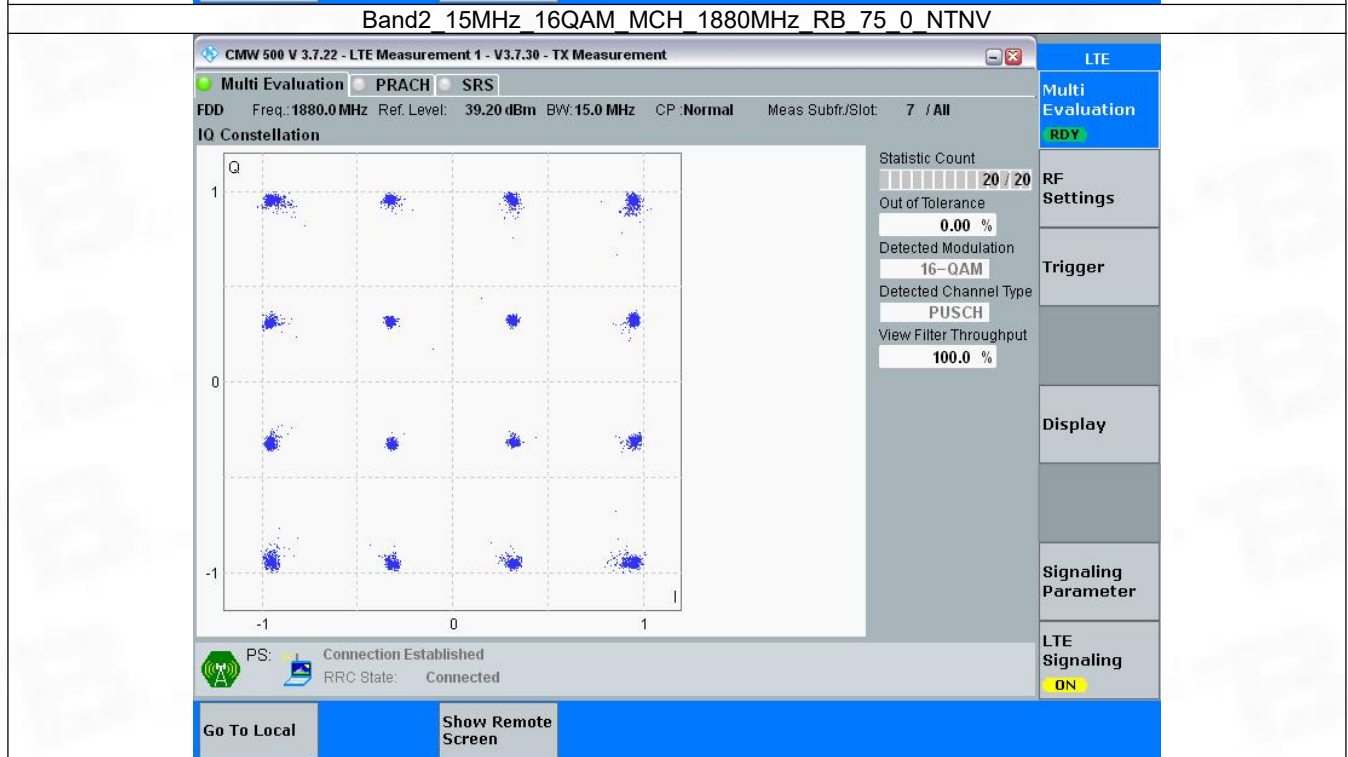
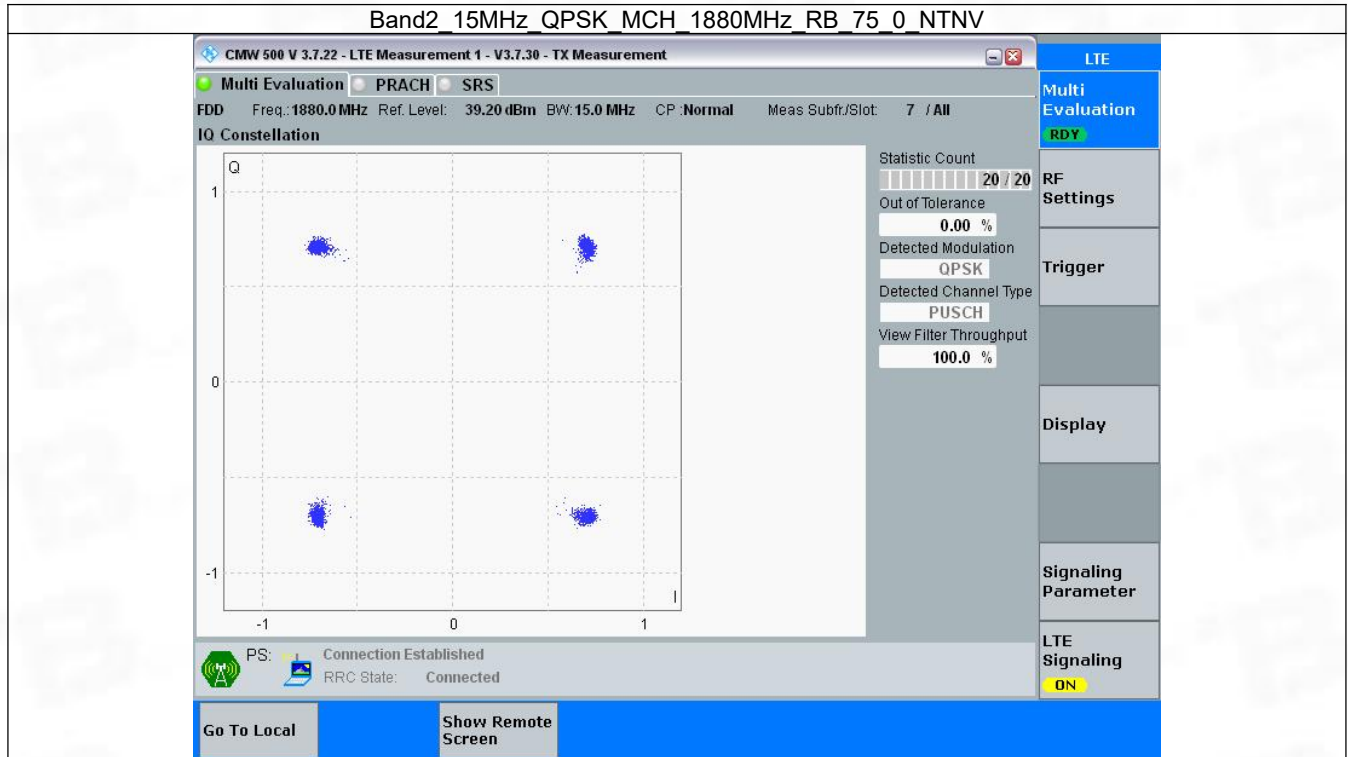


3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV						
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

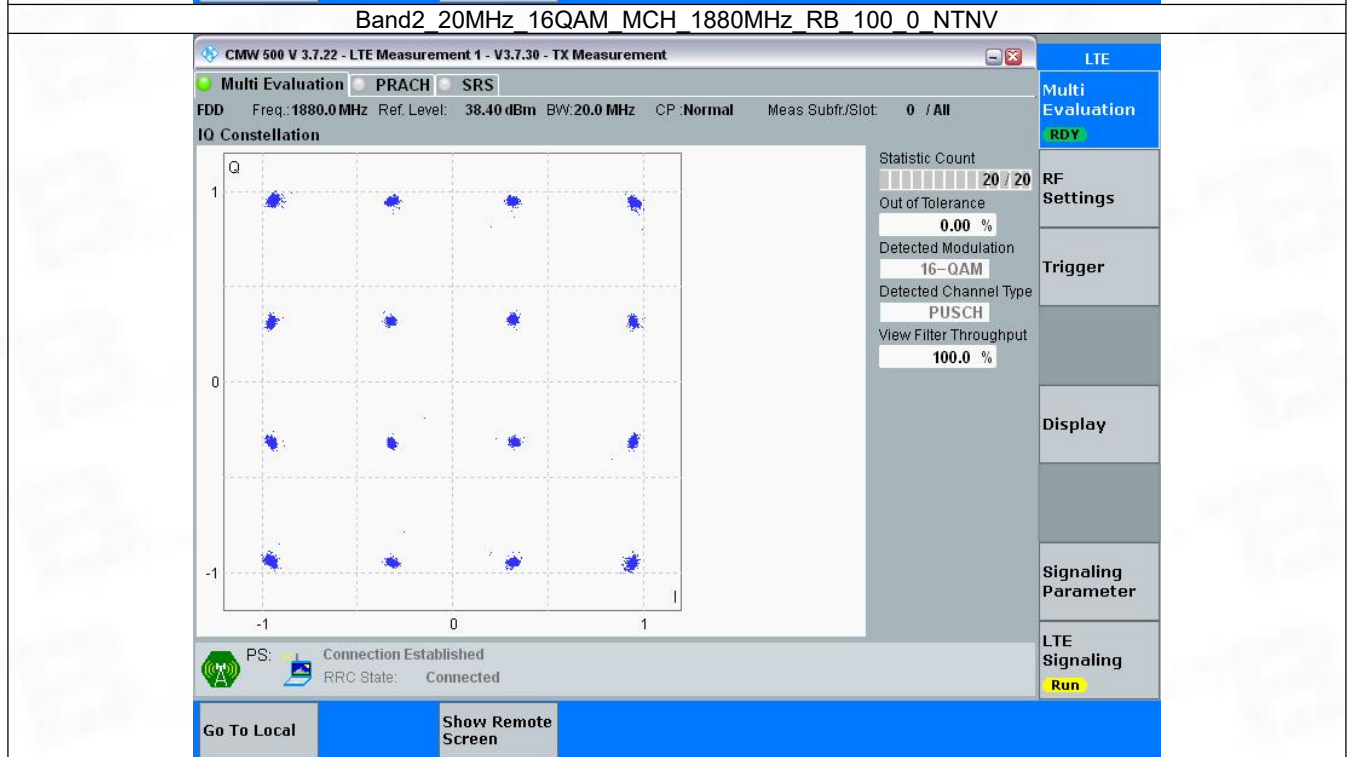
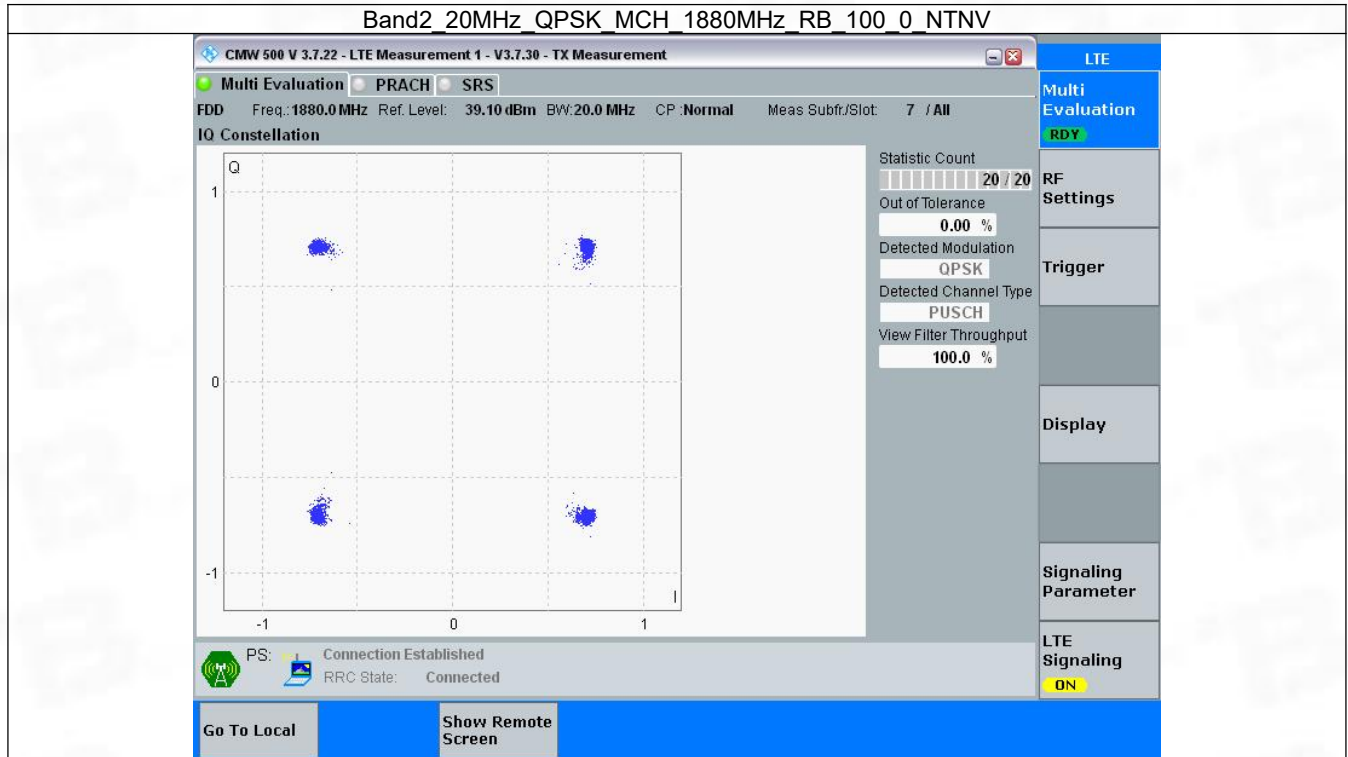


3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV						
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



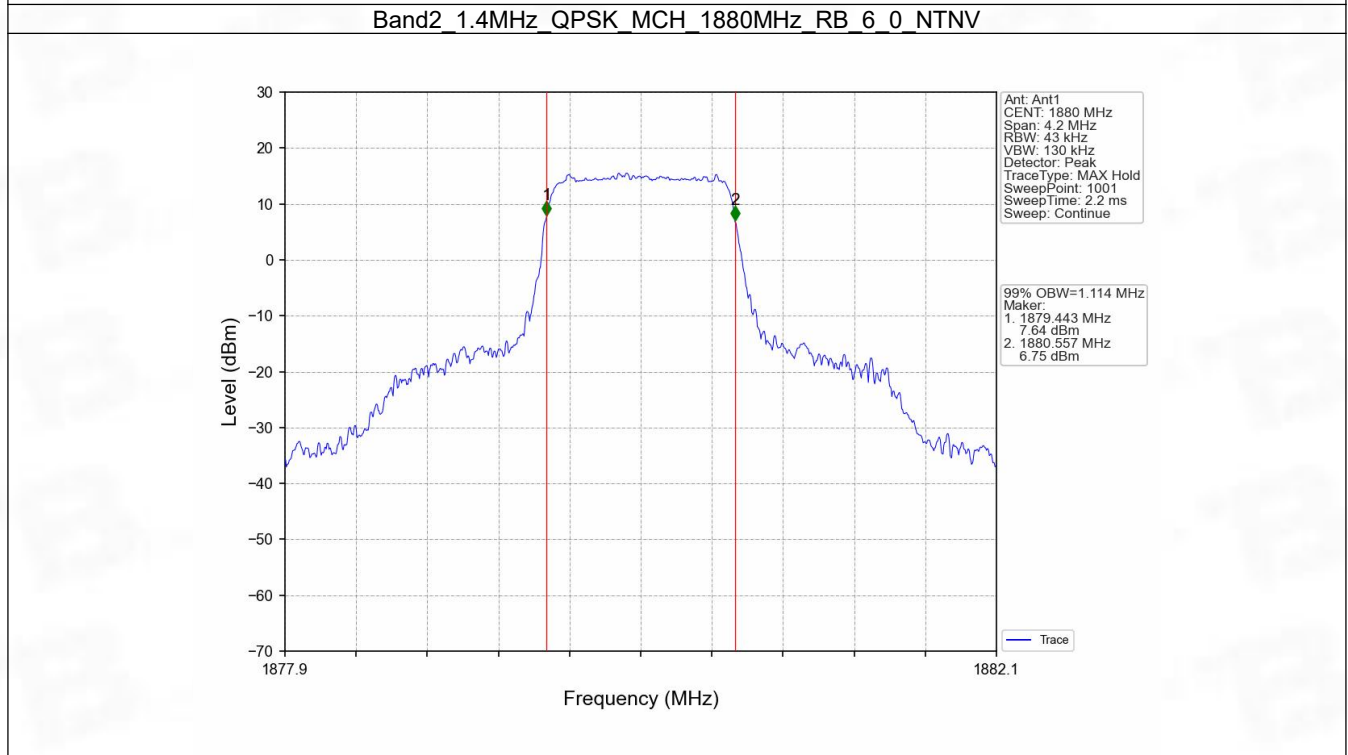
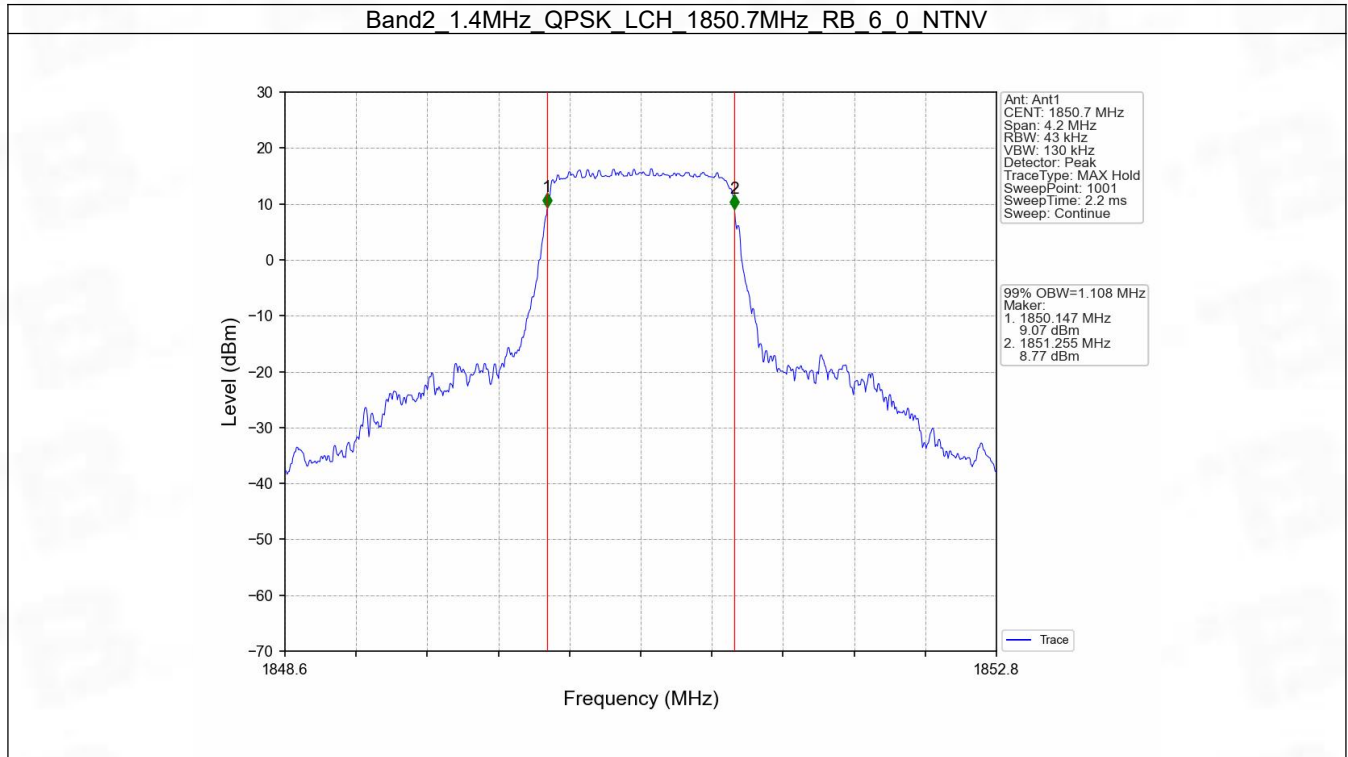
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

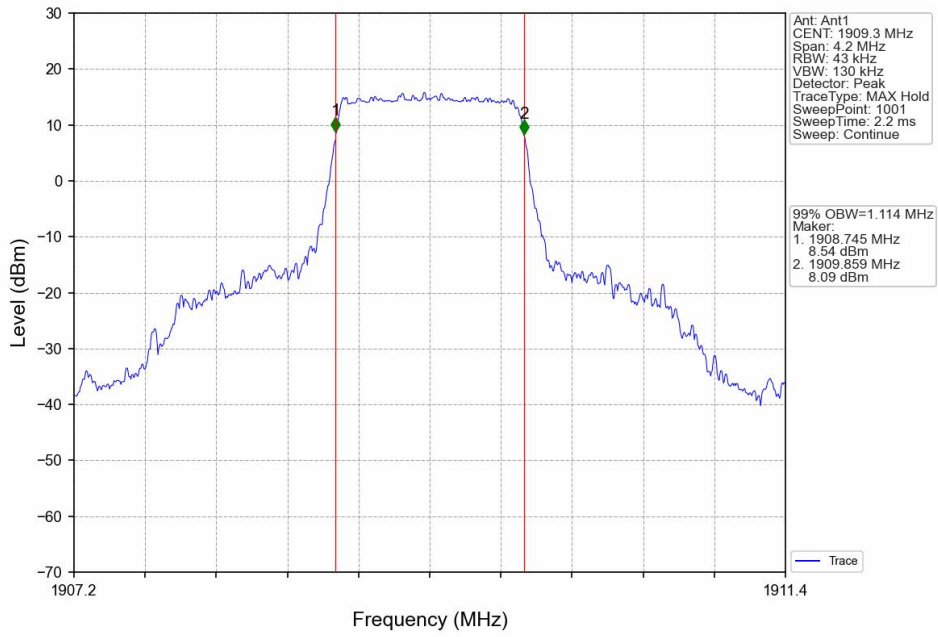
4.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.108	Pass
		1880	6	0	1.114	Pass
		1909.3	6	0	1.114	Pass
	16QAM	1850.7	6	0	1.106	Pass
		1880	6	0	1.121	Pass
		1909.3	6	0	1.110	Pass
3	QPSK	1851.5	15	0	2.730	Pass
		1880	15	0	2.734	Pass
		1908.5	15	0	2.729	Pass
	16QAM	1851.5	15	0	2.730	Pass
		1880	15	0	2.725	Pass
		1908.5	15	0	2.726	Pass
5	QPSK	1852.5	25	0	4.570	Pass
		1880	25	0	4.569	Pass
		1907.5	25	0	4.579	Pass
	16QAM	1852.5	25	0	4.598	Pass
		1880	25	0	4.602	Pass
		1907.5	25	0	4.574	Pass
10	QPSK	1855	50	0	9.079	Pass
		1880	50	0	9.083	Pass
		1905	50	0	9.102	Pass
	16QAM	1855	50	0	9.066	Pass
		1880	50	0	9.069	Pass
		1905	50	0	9.064	Pass
15	QPSK	1857.5	75	0	13.610	Pass
		1880	75	0	13.636	Pass
		1902.5	75	0	13.644	Pass
	16QAM	1857.5	75	0	13.636	Pass
		1880	75	0	13.649	Pass
		1902.5	75	0	13.634	Pass
20	QPSK	1860	100	0	18.085	Pass
		1880	100	0	18.161	Pass
		1900	100	0	18.242	Pass
	16QAM	1860	100	0	18.096	Pass
		1880	100	0	18.179	Pass
		1900	100	0	18.181	Pass

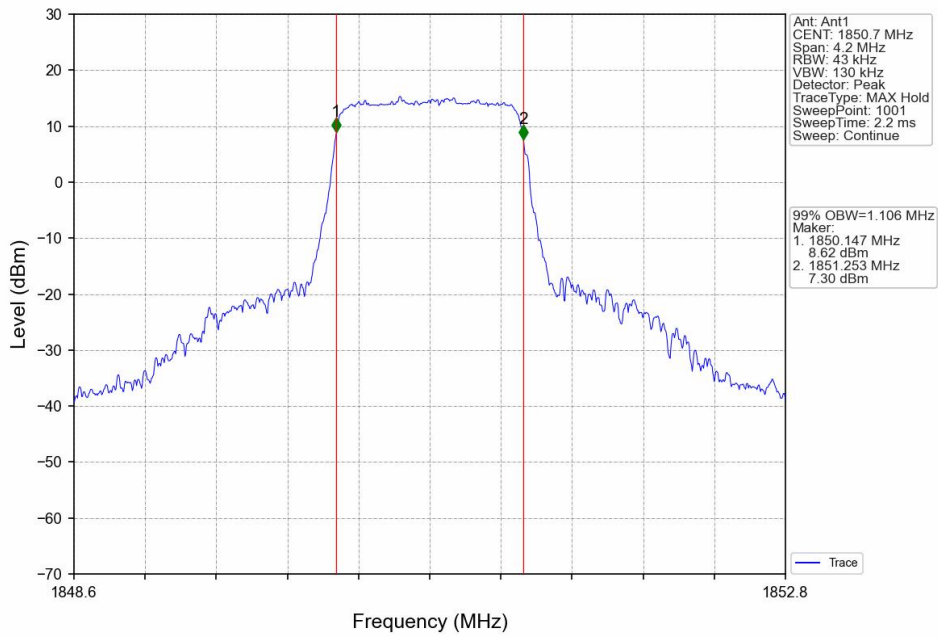
4.1.2 Test Graph



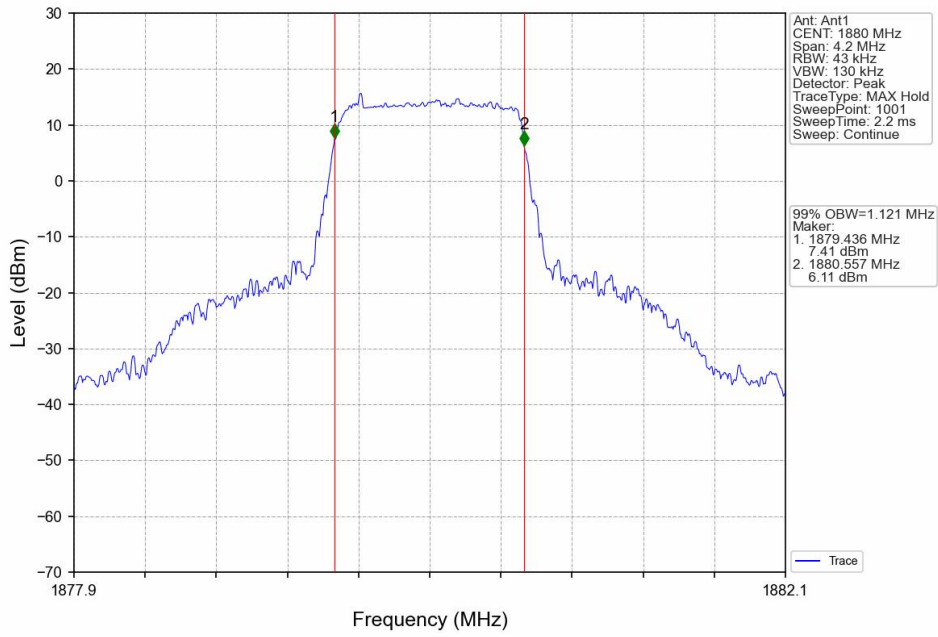
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



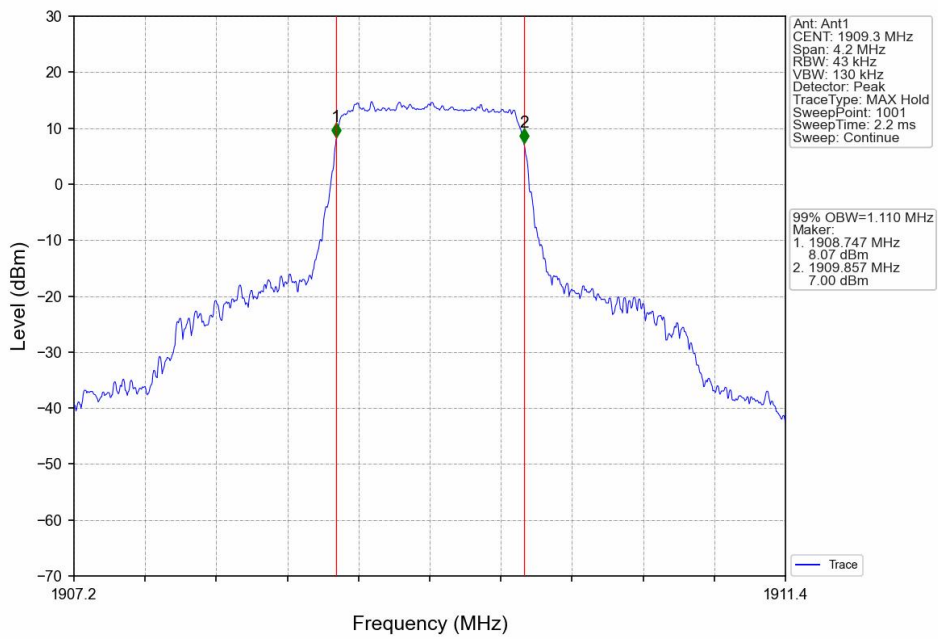
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



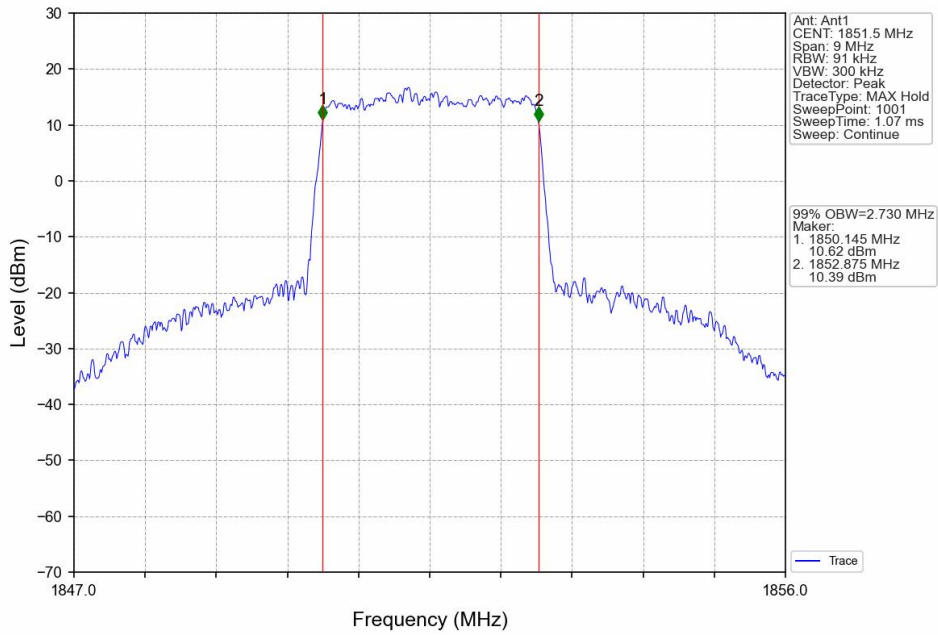
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



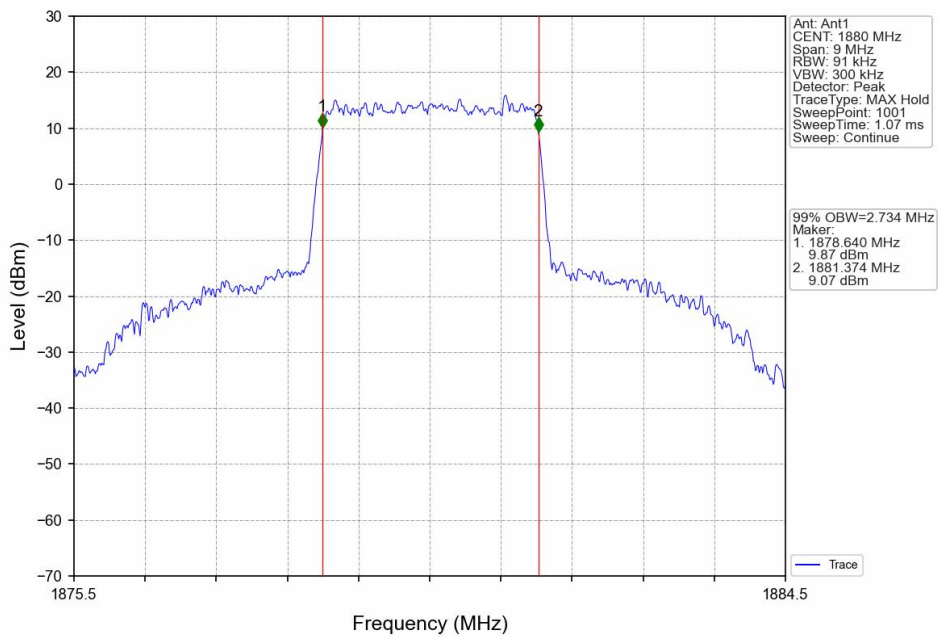
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



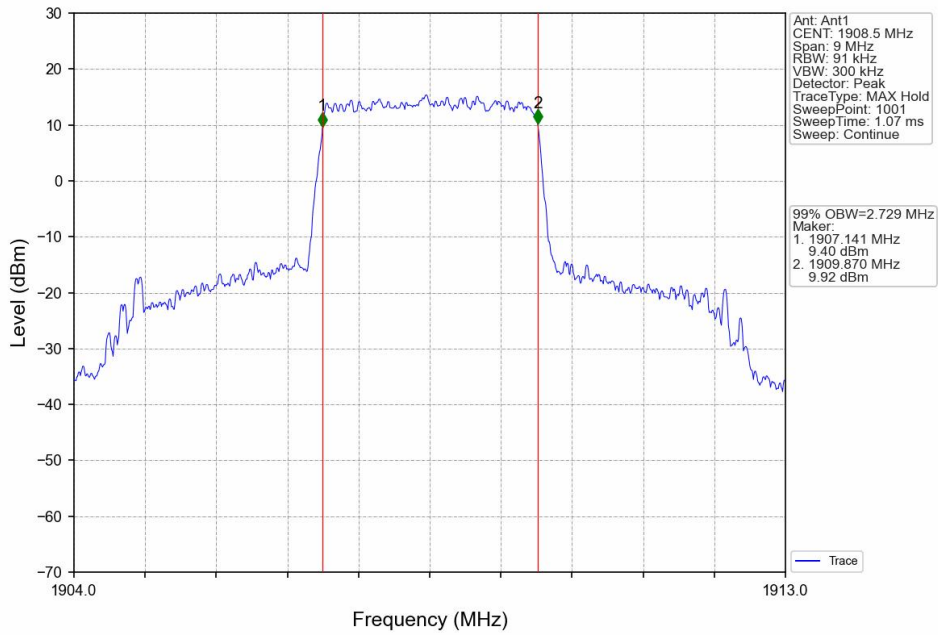
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



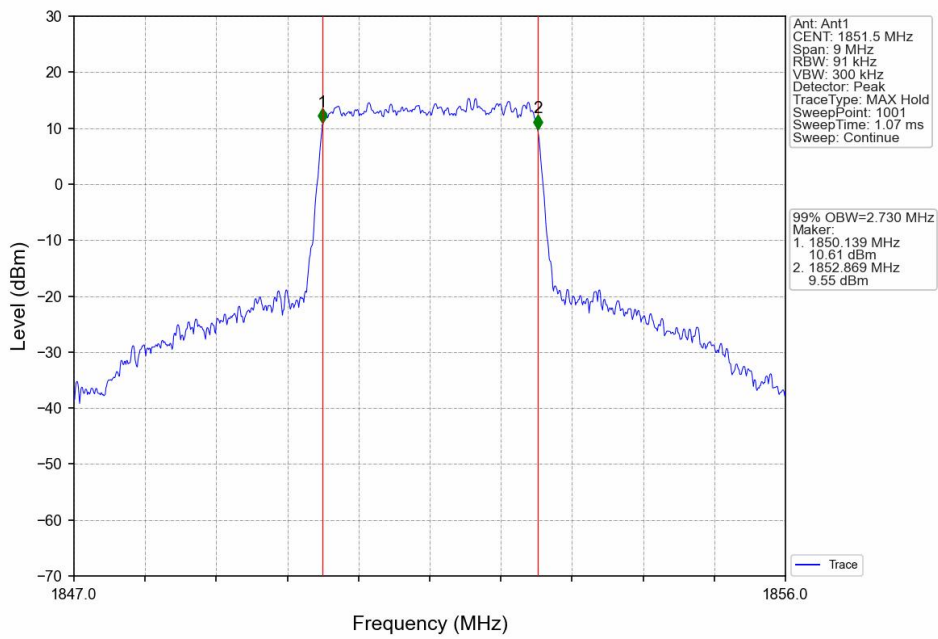
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



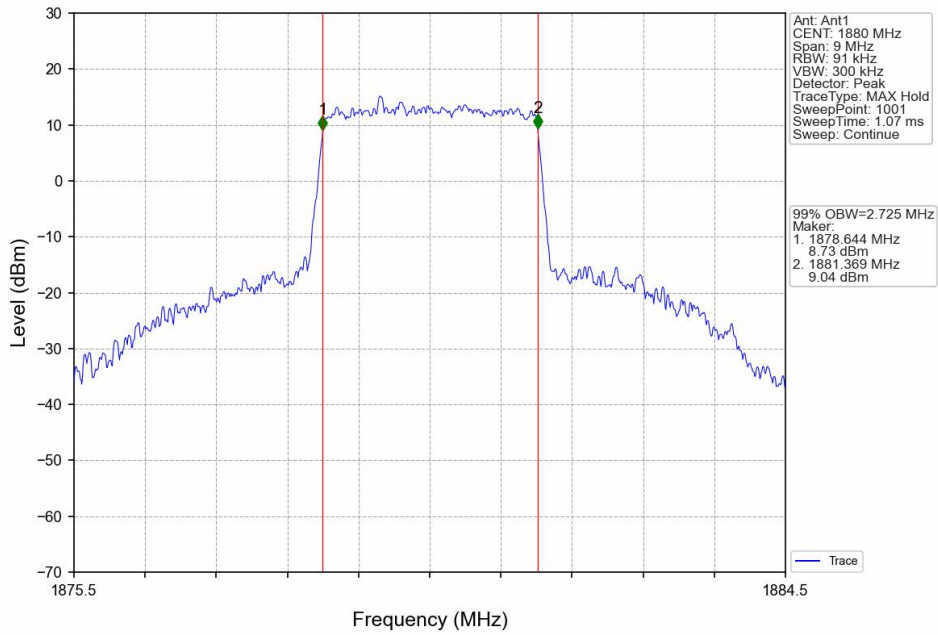
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



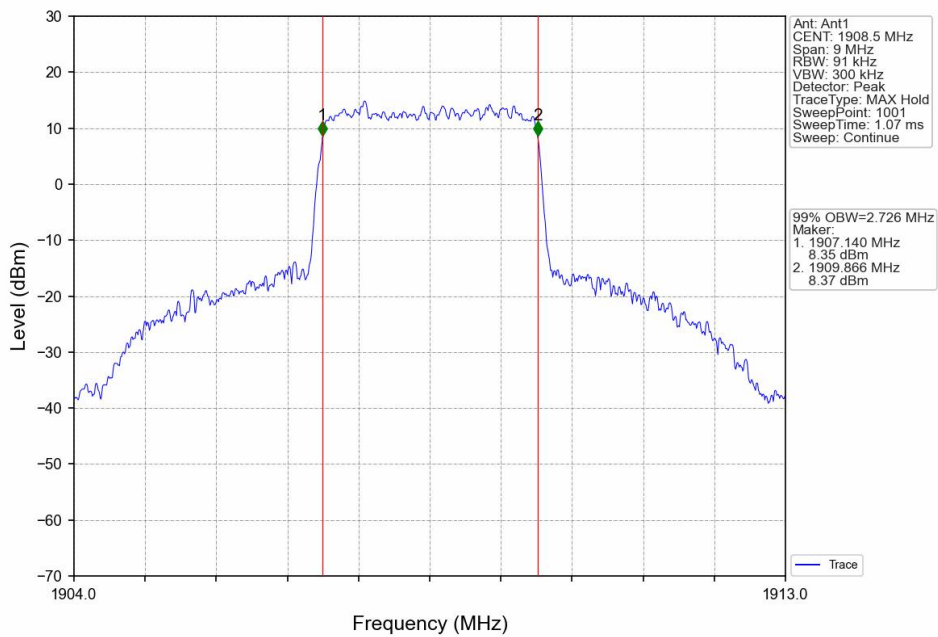
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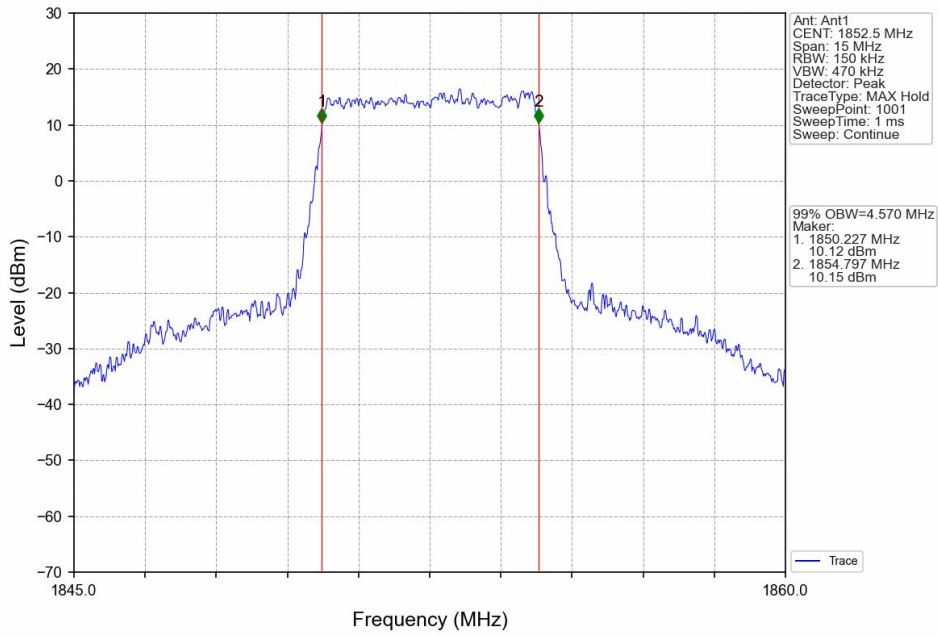
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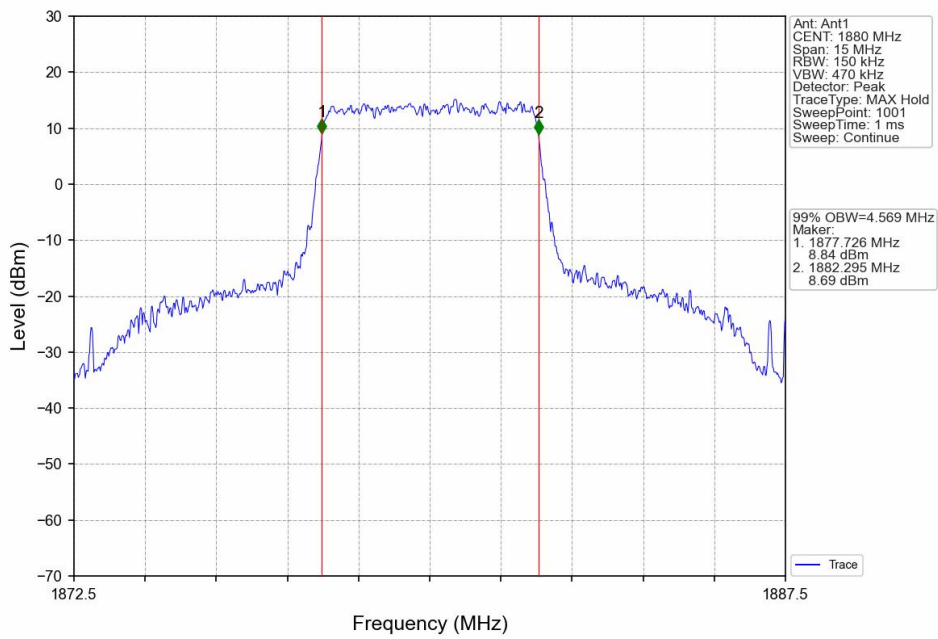
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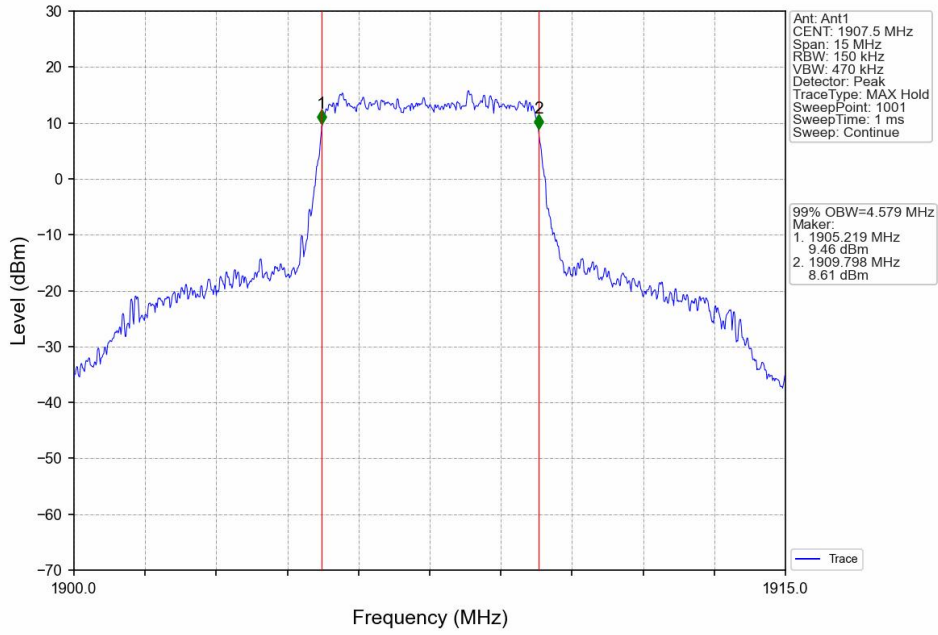
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



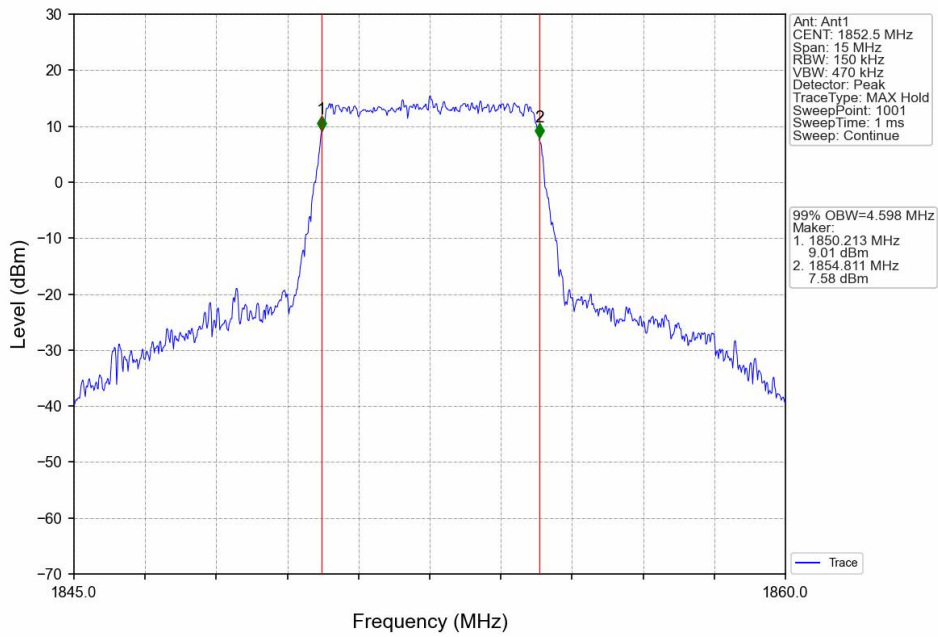
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



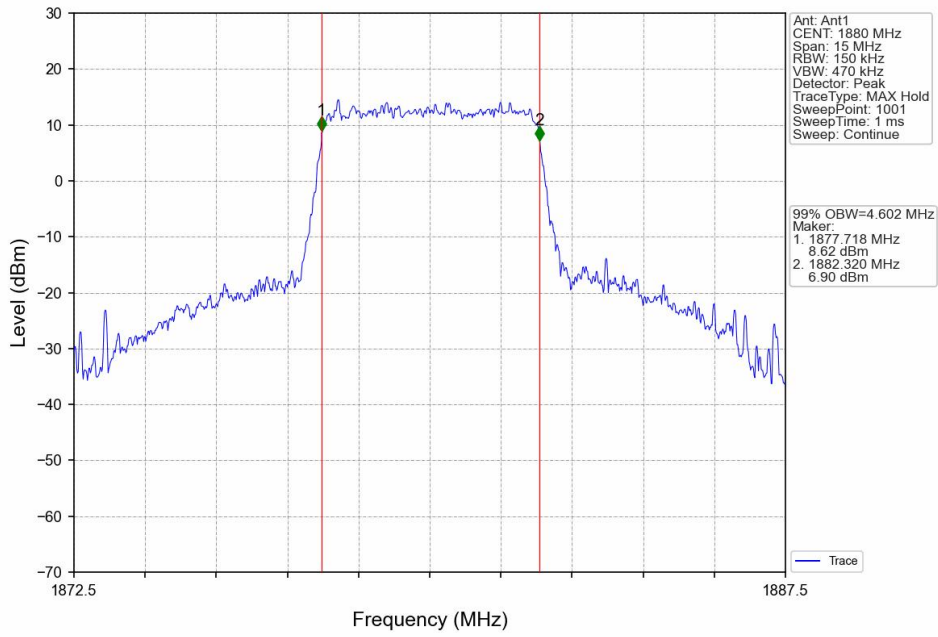
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



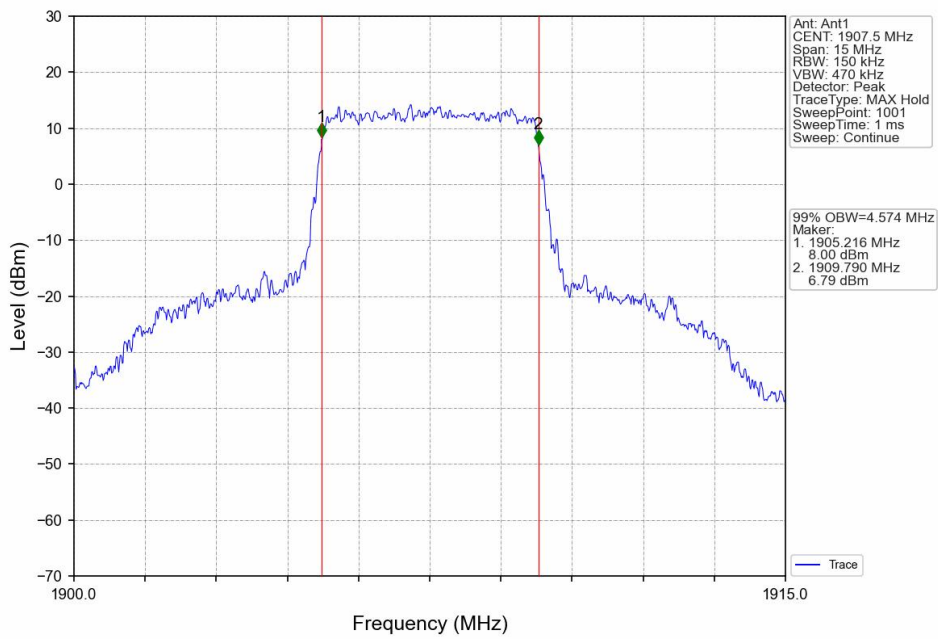
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



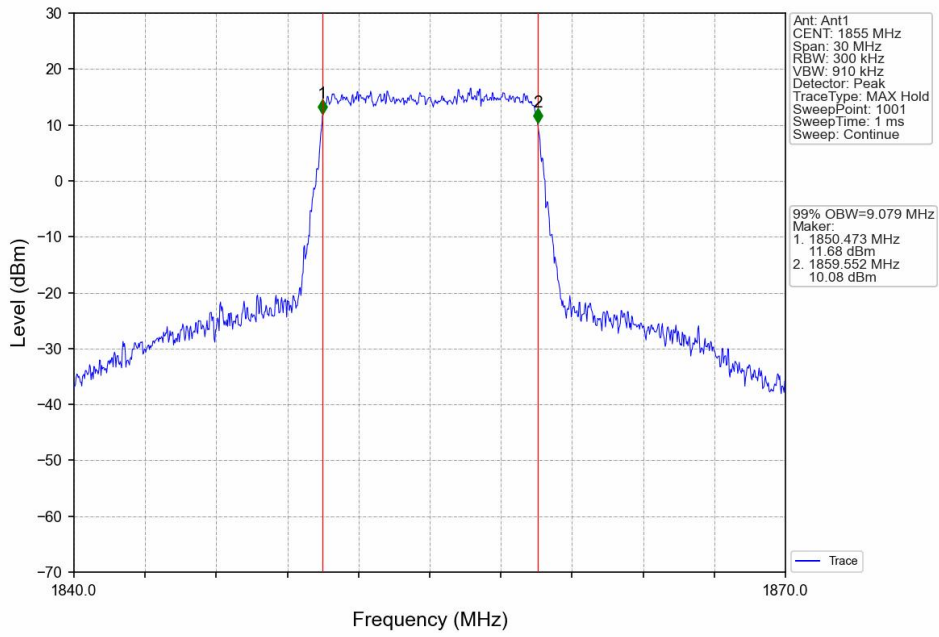
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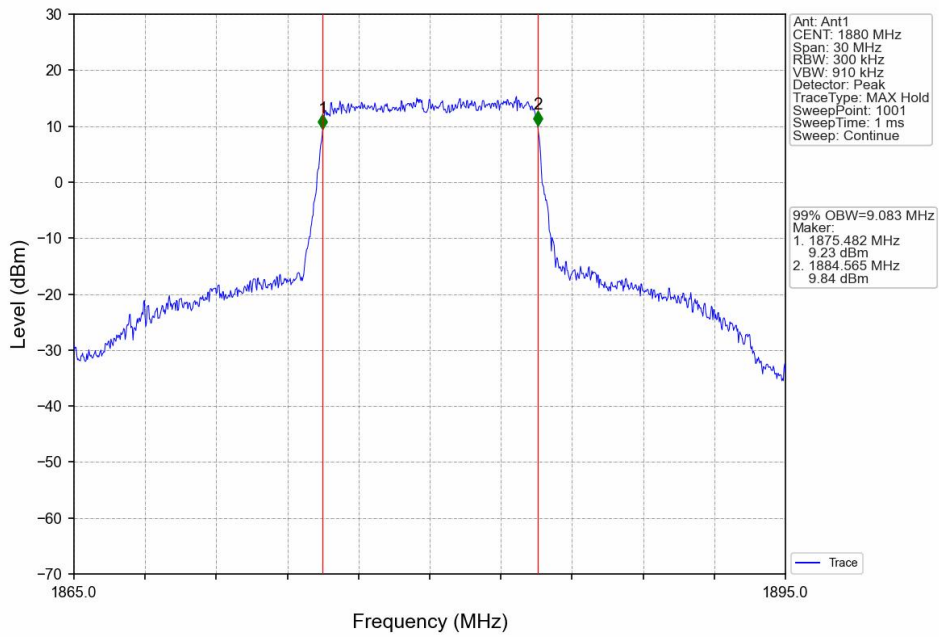
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



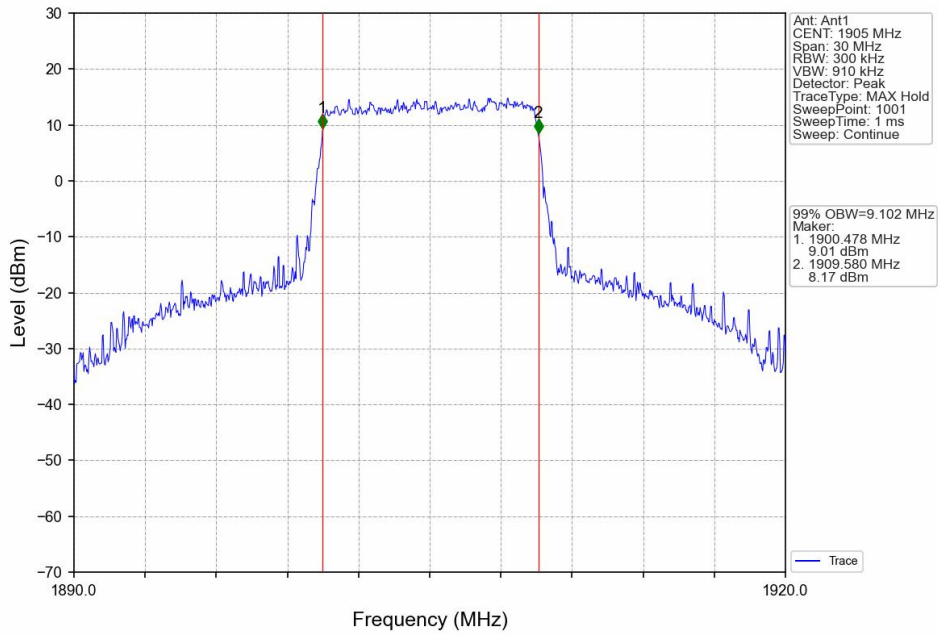
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



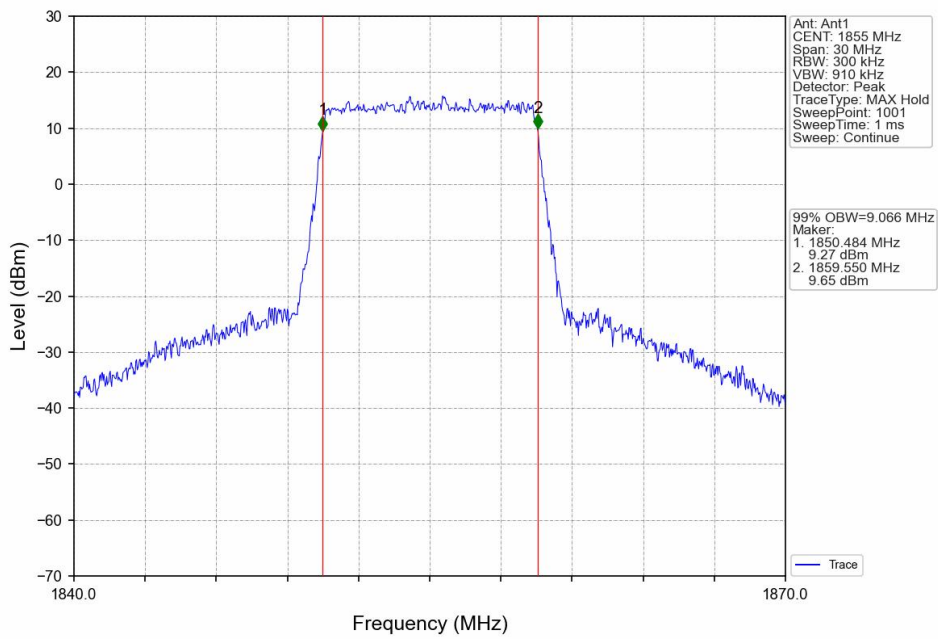
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



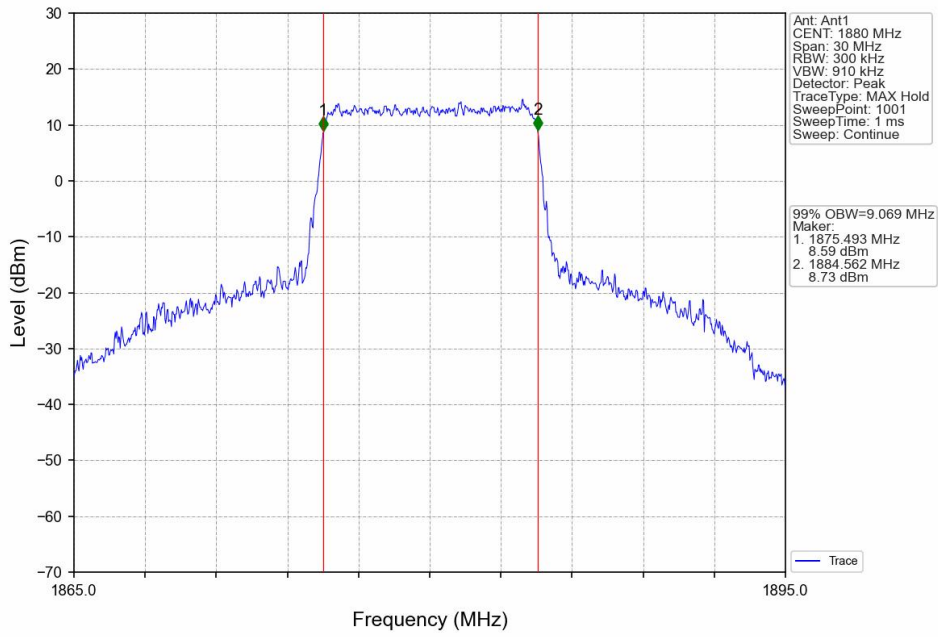
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



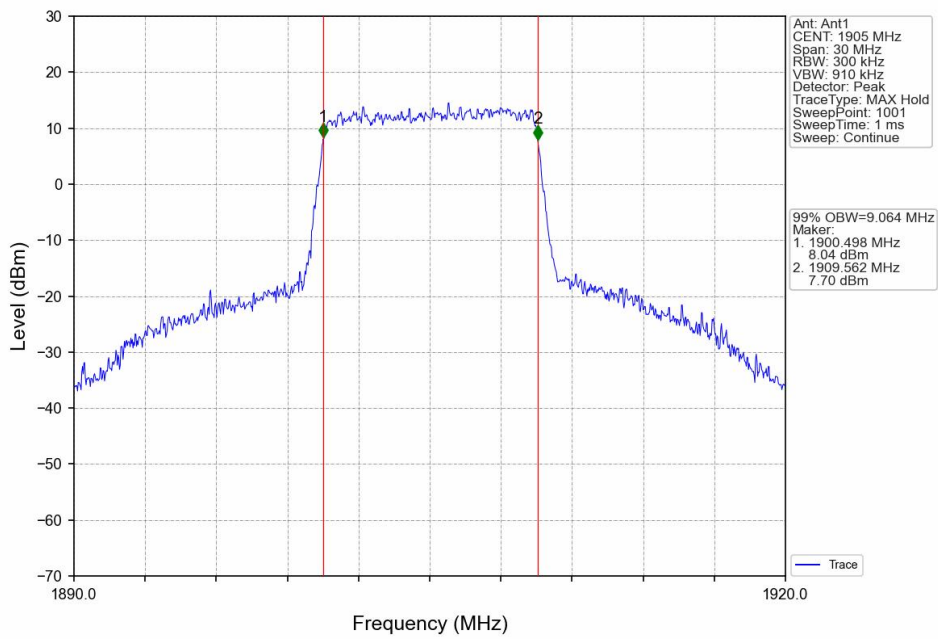
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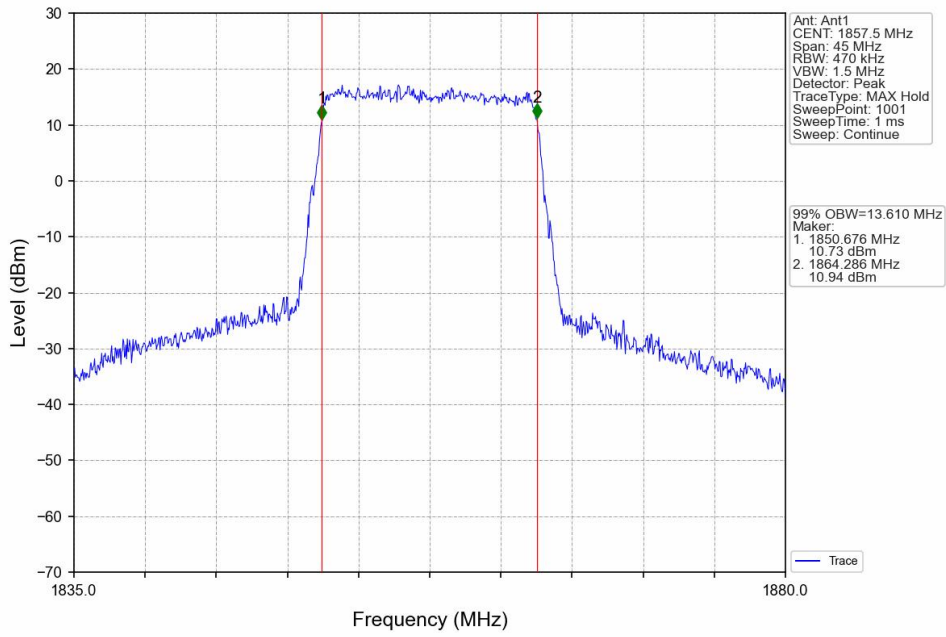
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



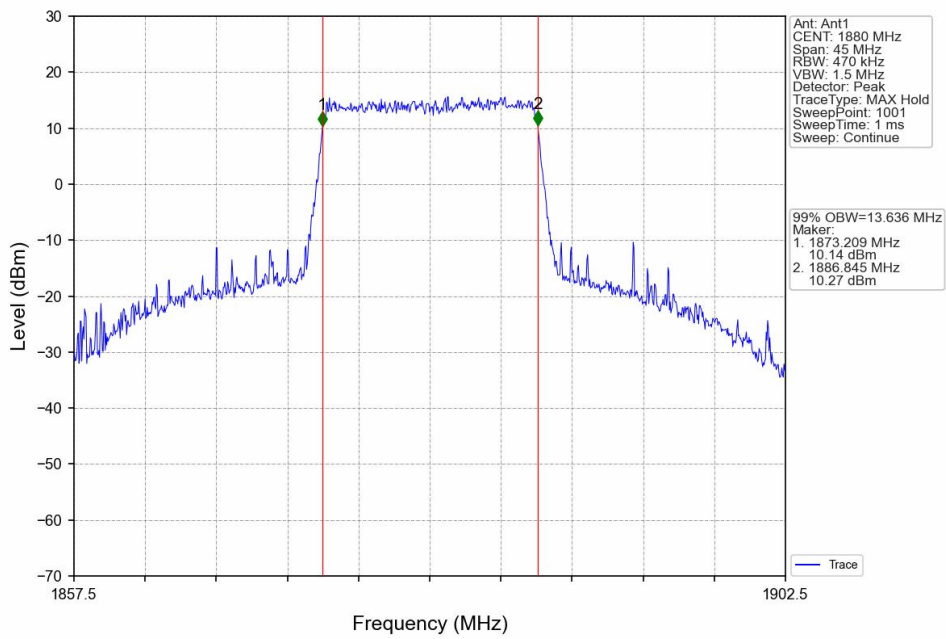
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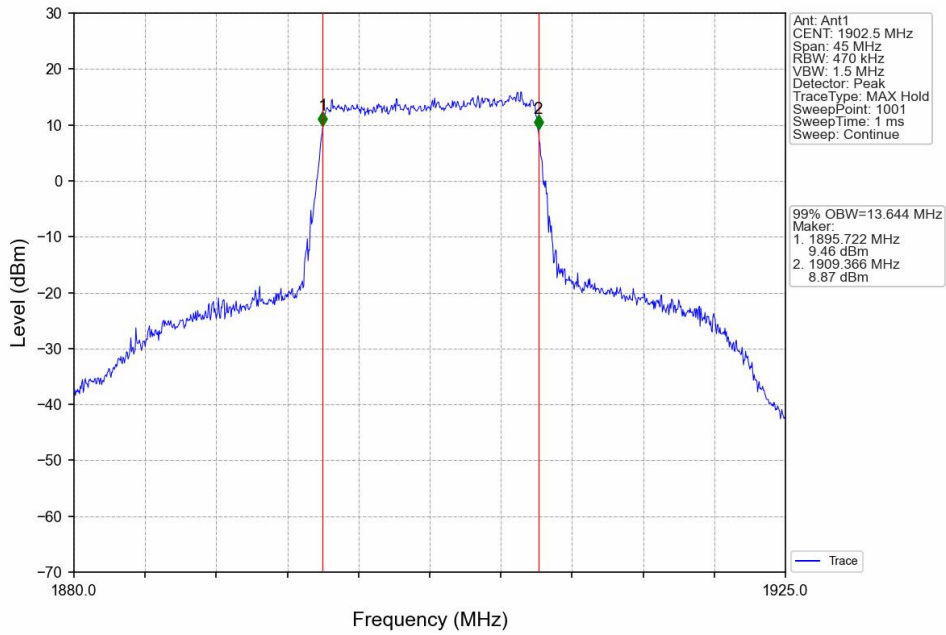
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



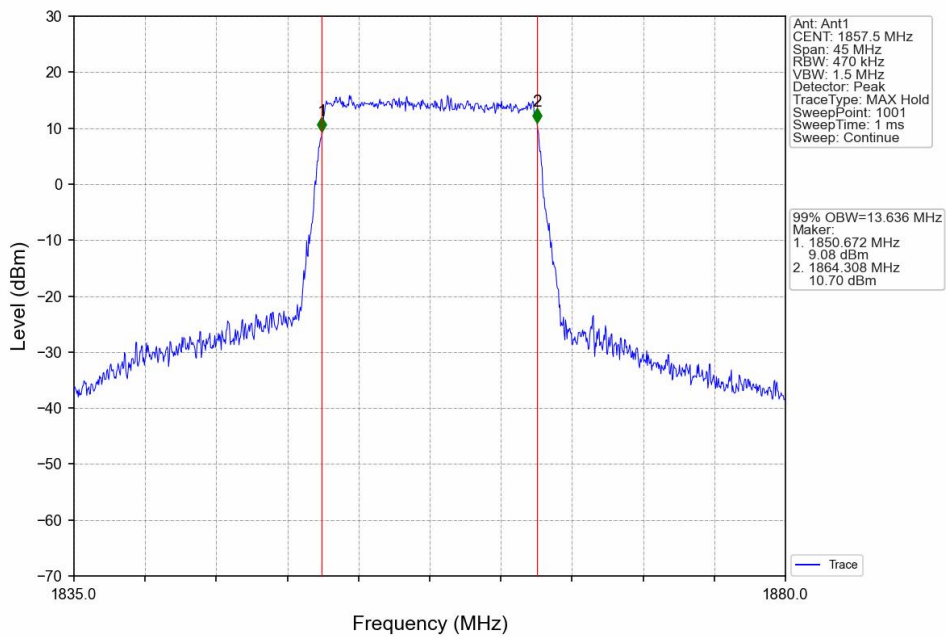
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



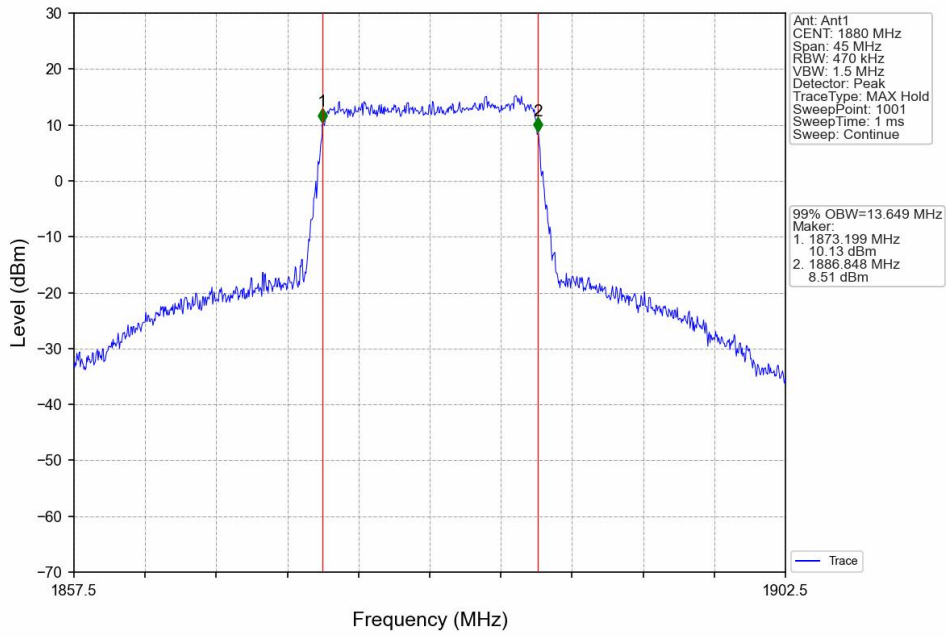
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



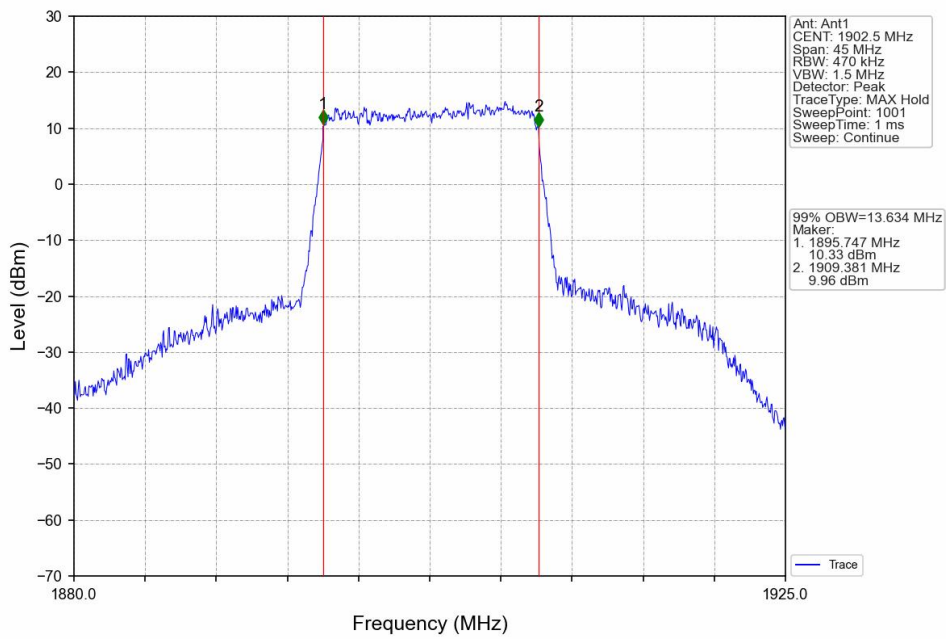
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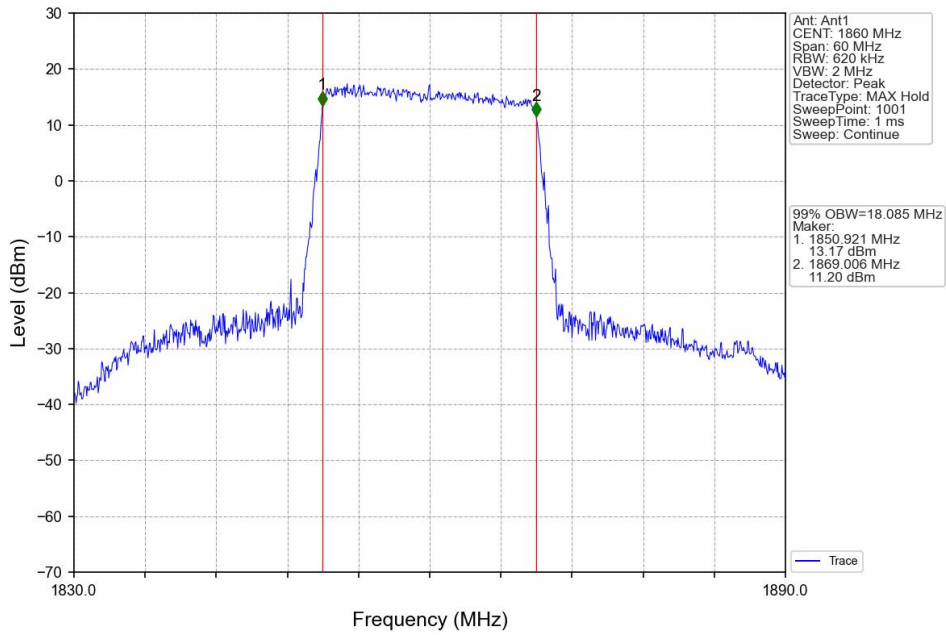
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



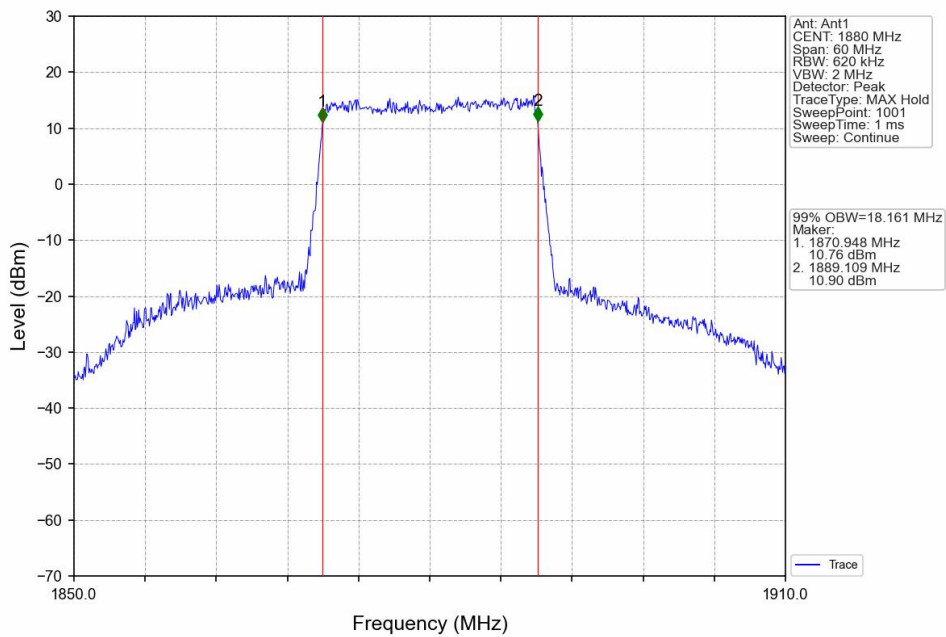
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



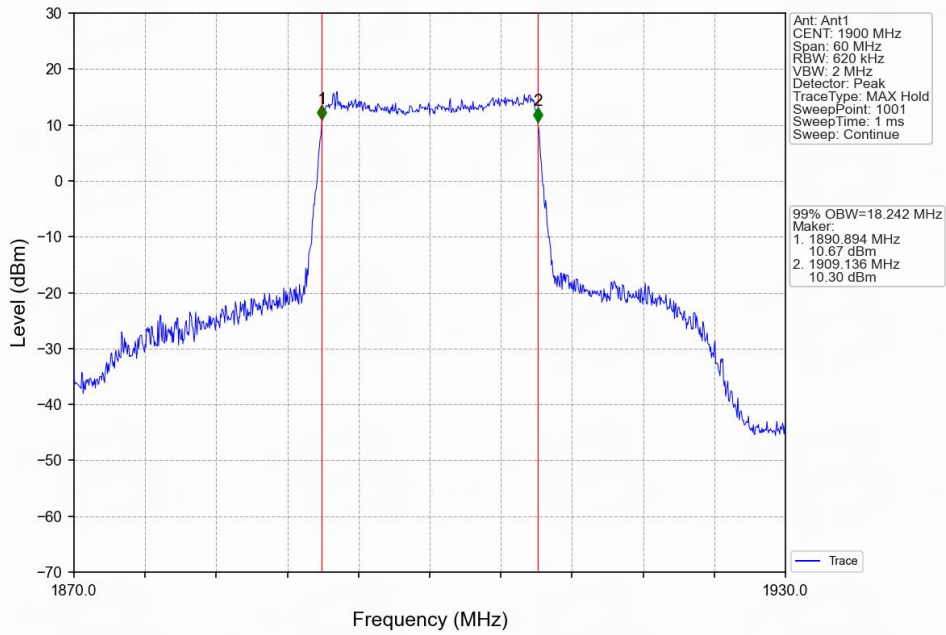
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



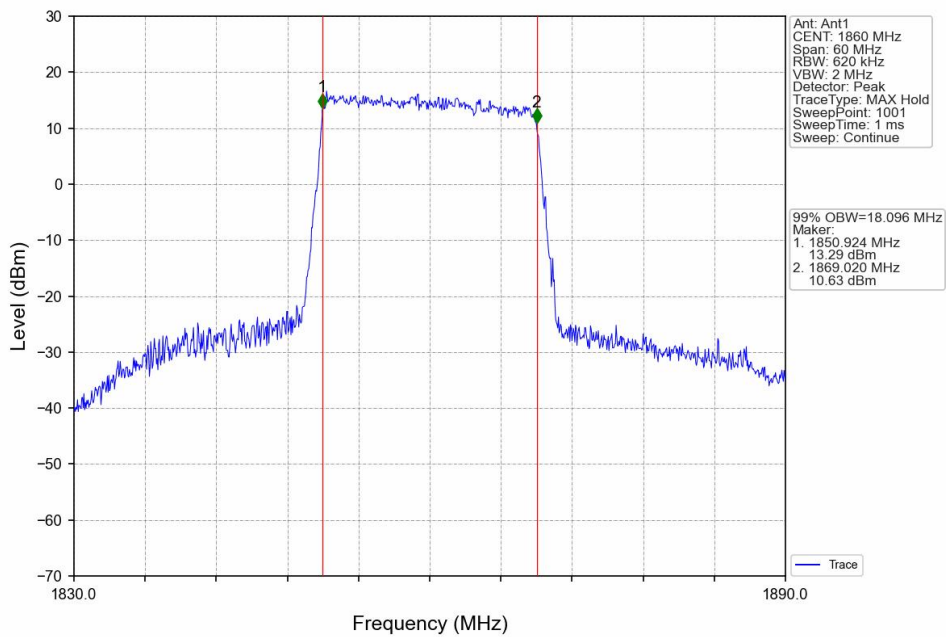
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



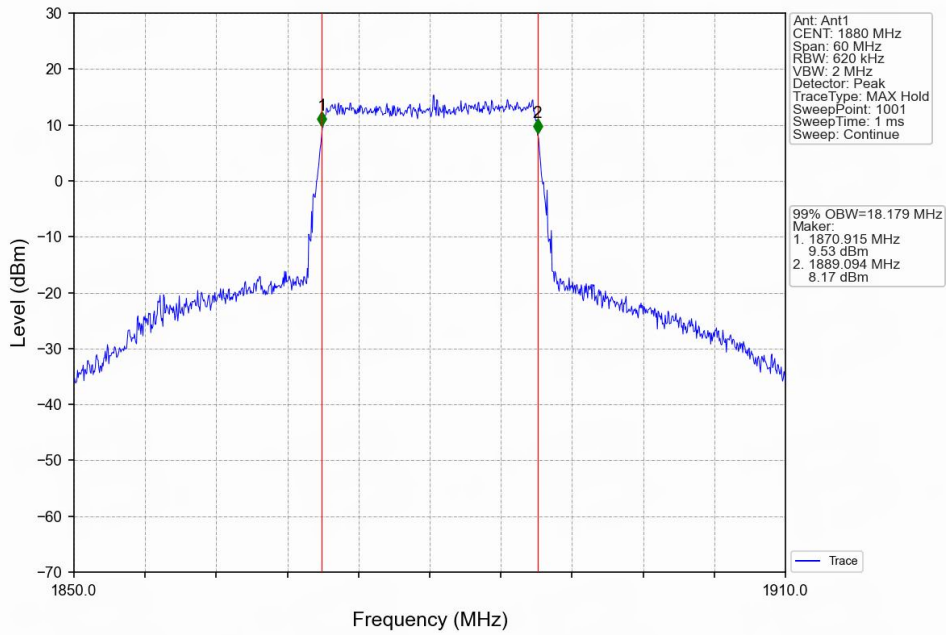
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



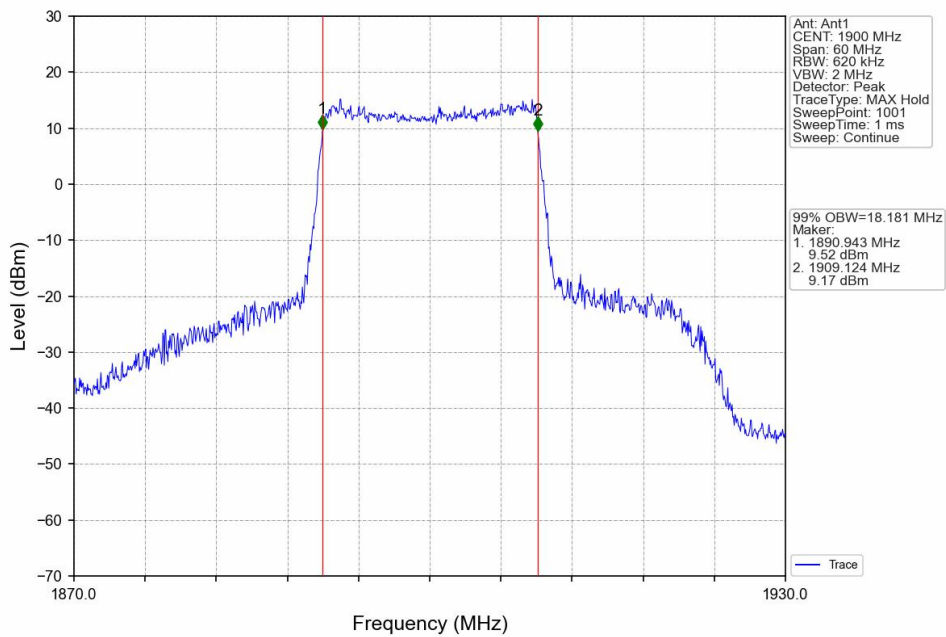
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

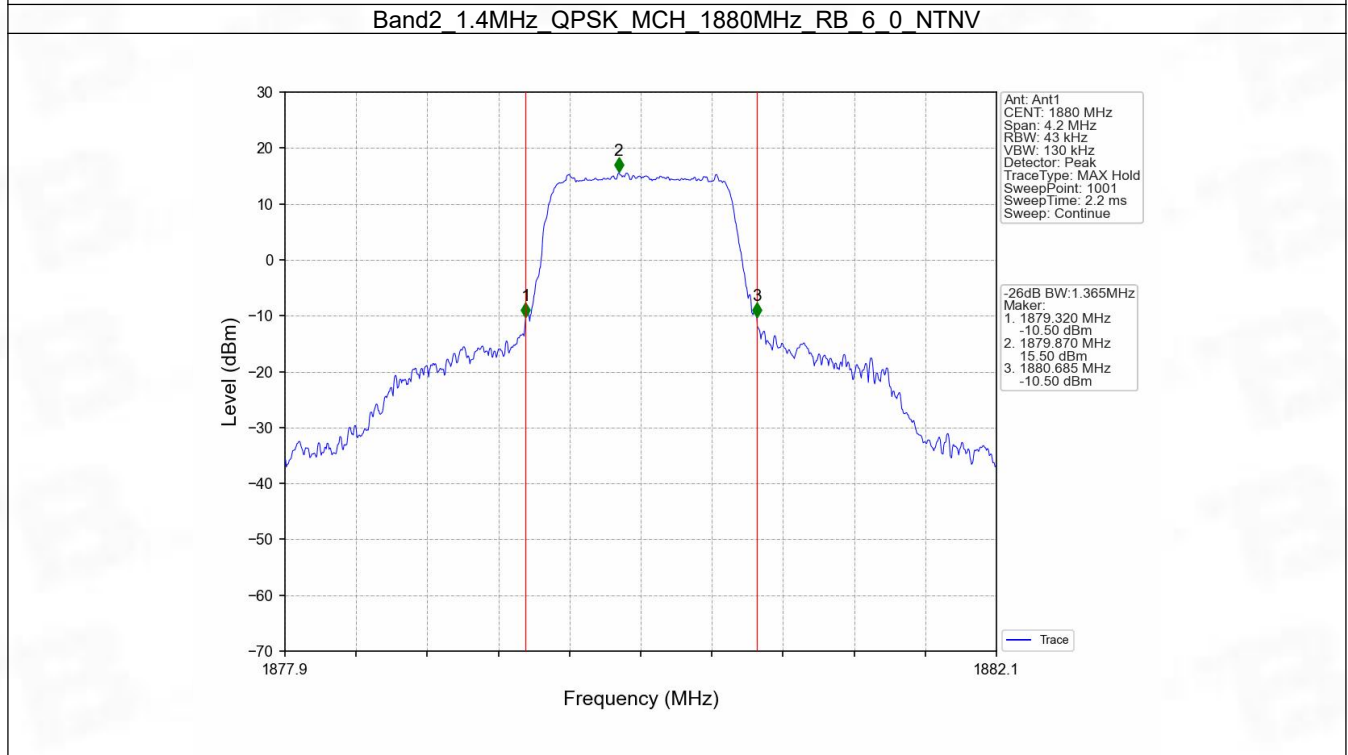
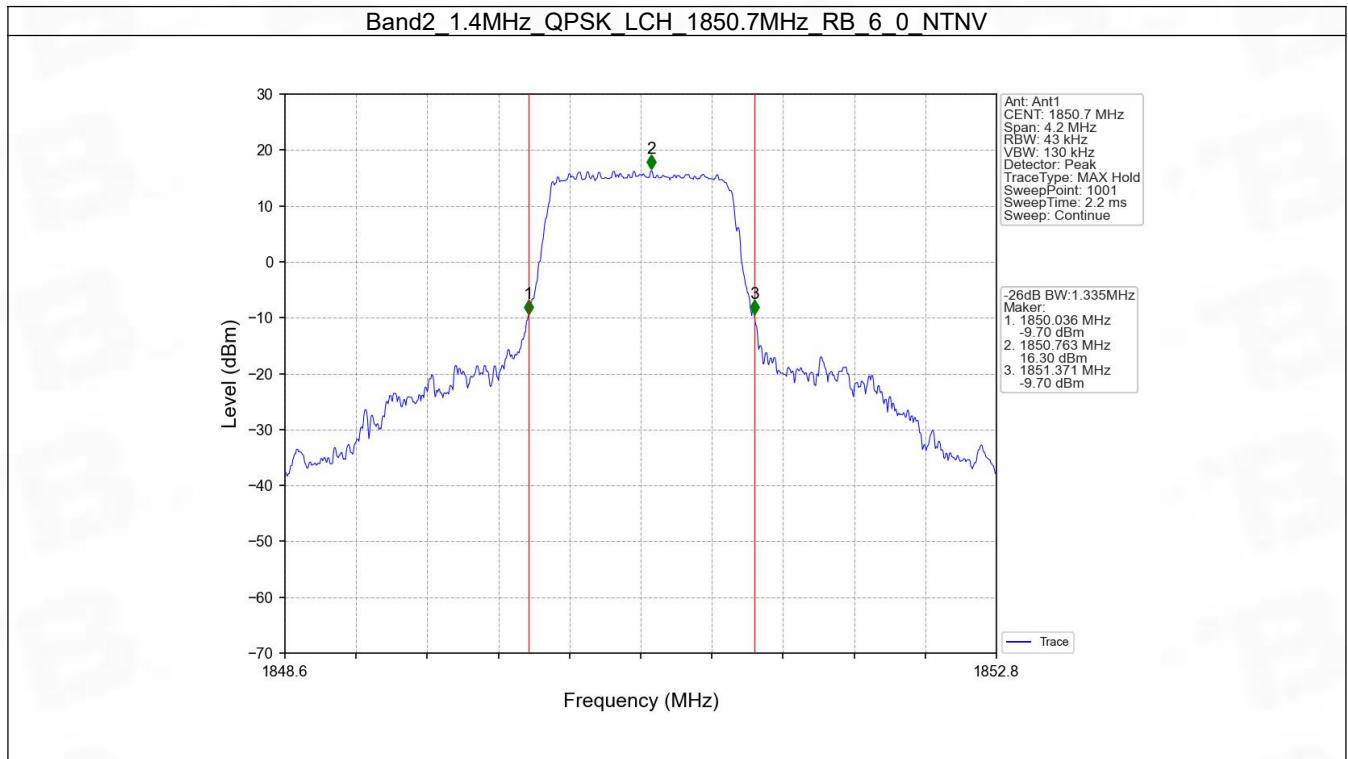


4.2 Band2_XDB

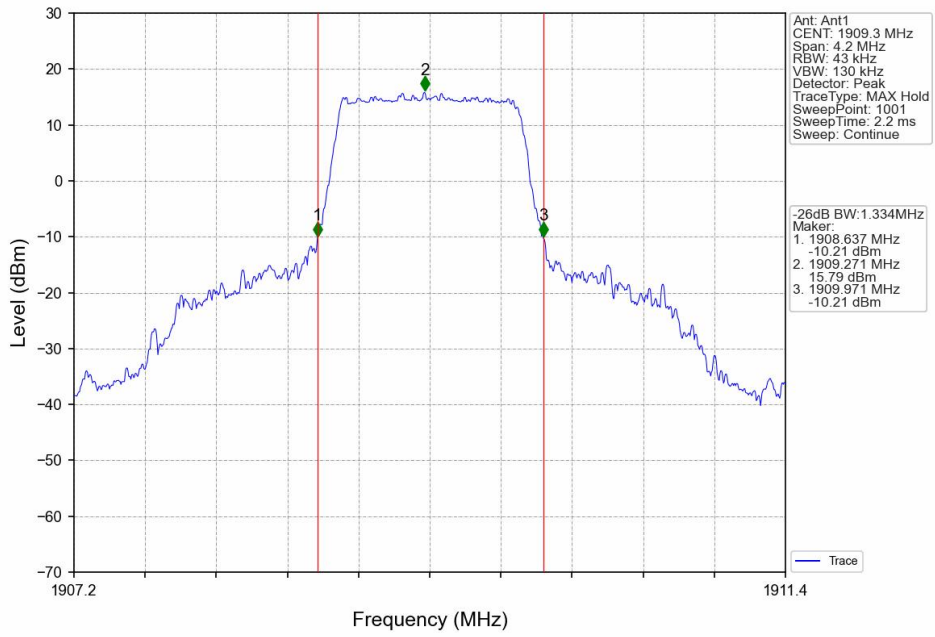
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.335	Pass
		1880	6	0	1.365	Pass
		1909.3	6	0	1.334	Pass
	16QAM	1850.7	6	0	1.307	Pass
		1880	6	0	1.336	Pass
		1909.3	6	0	1.318	Pass
3	QPSK	1851.5	15	0	2.998	Pass
		1880	15	0	3.006	Pass
		1908.5	15	0	3.008	Pass
	16QAM	1851.5	15	0	2.981	Pass
		1880	15	0	2.990	Pass
		1908.5	15	0	2.975	Pass
5	QPSK	1852.5	25	0	5.291	Pass
		1880	25	0	5.233	Pass
		1907.5	25	0	5.336	Pass
	16QAM	1852.5	25	0	5.304	Pass
		1880	25	0	5.312	Pass
		1907.5	25	0	5.284	Pass
10	QPSK	1855	50	0	10.136	Pass
		1880	50	0	10.334	Pass
		1905	50	0	10.886	Pass
	16QAM	1855	50	0	10.185	Pass
		1880	50	0	10.221	Pass
		1905	50	0	10.138	Pass
15	QPSK	1857.5	75	0	15.409	Pass
		1880	75	0	20.545	Pass
		1902.5	75	0	15.318	Pass
	16QAM	1857.5	75	0	15.287	Pass
		1880	75	0	15.335	Pass
		1902.5	75	0	15.299	Pass
20	QPSK	1860	100	0	20.177	Pass
		1880	100	0	20.172	Pass
		1900	100	0	20.033	Pass
	16QAM	1860	100	0	19.926	Pass
		1880	100	0	20.501	Pass
		1900	100	0	20.098	Pass

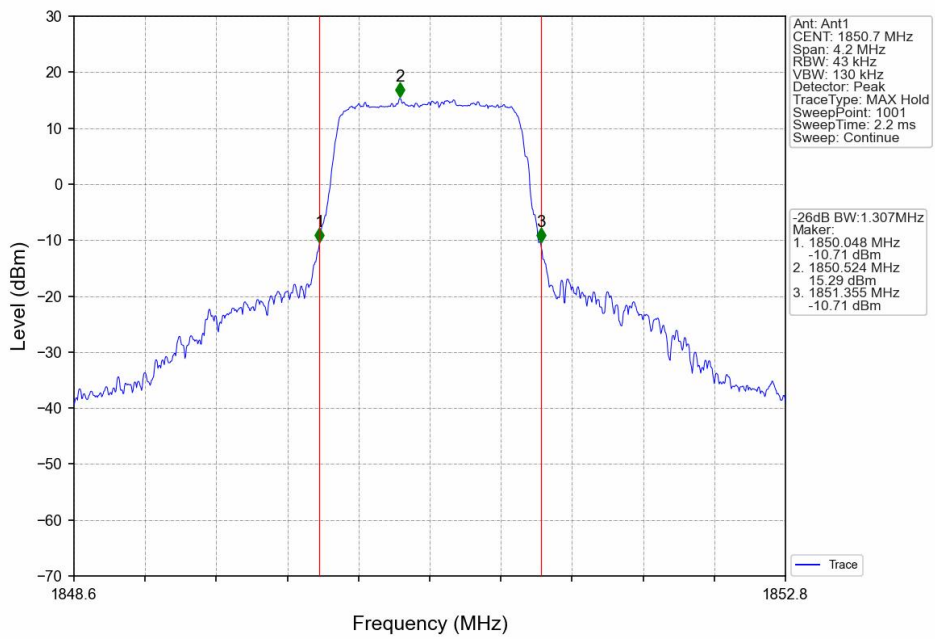
4.2.2 Test Graph



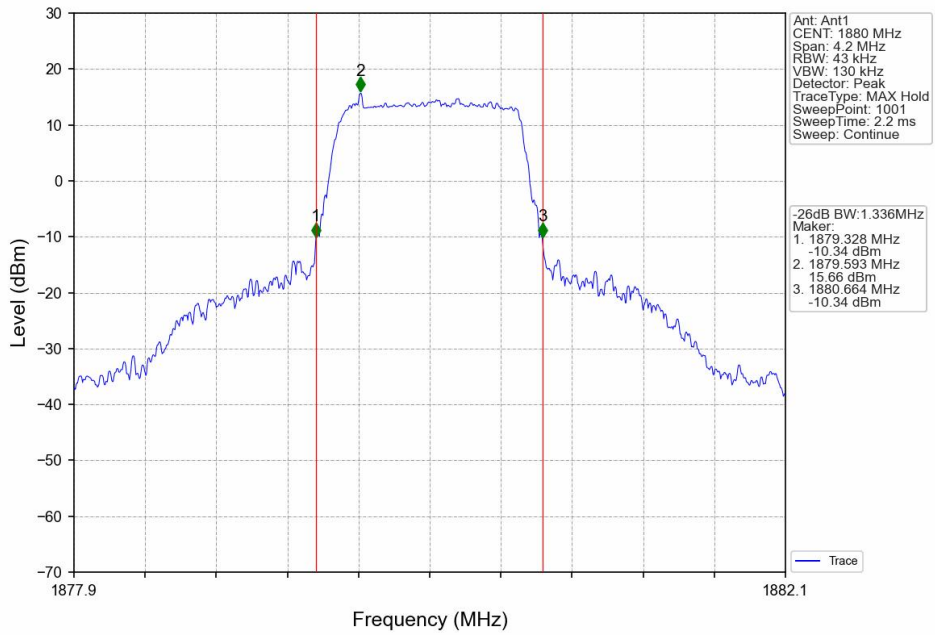
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



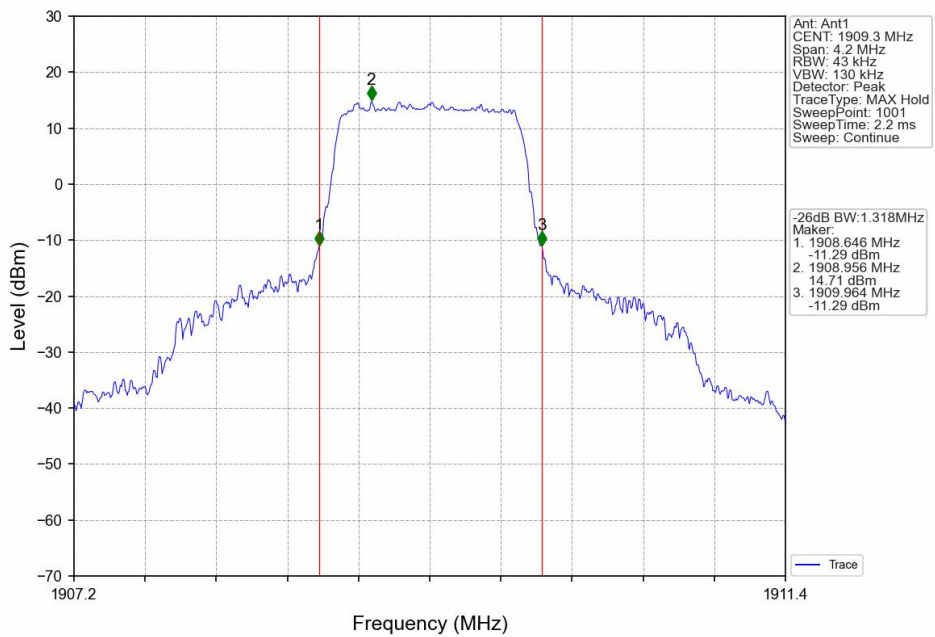
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



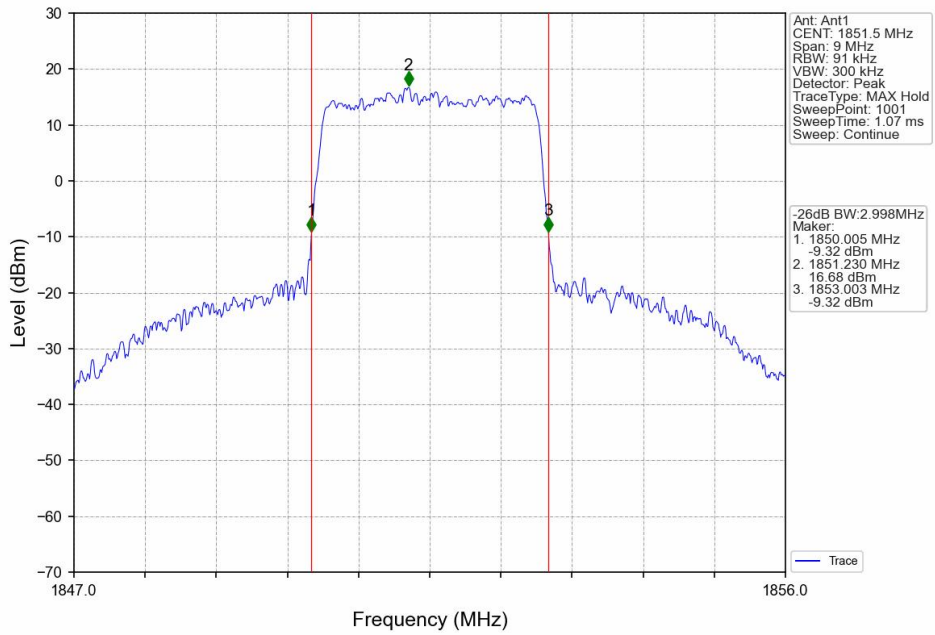
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



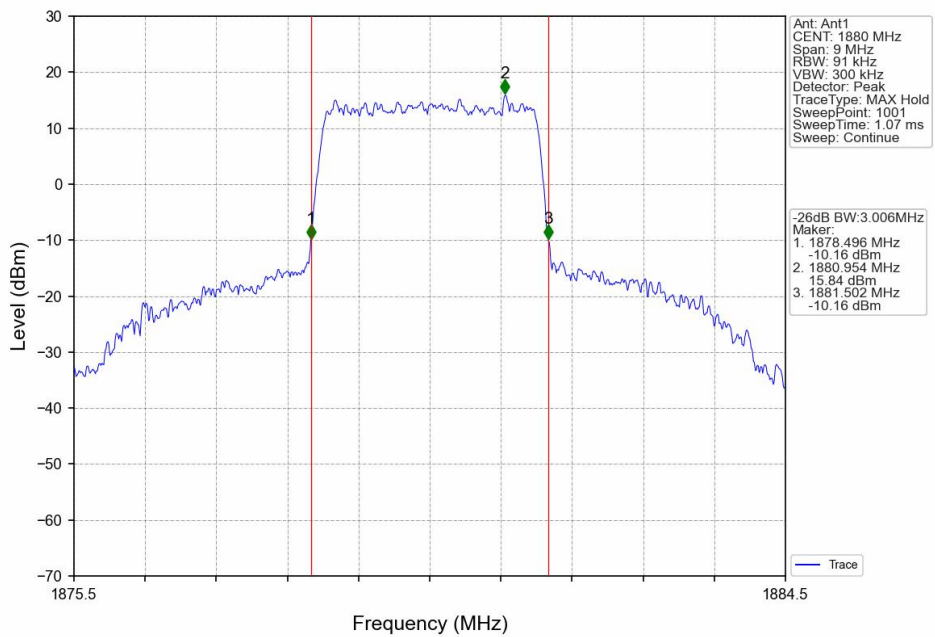
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



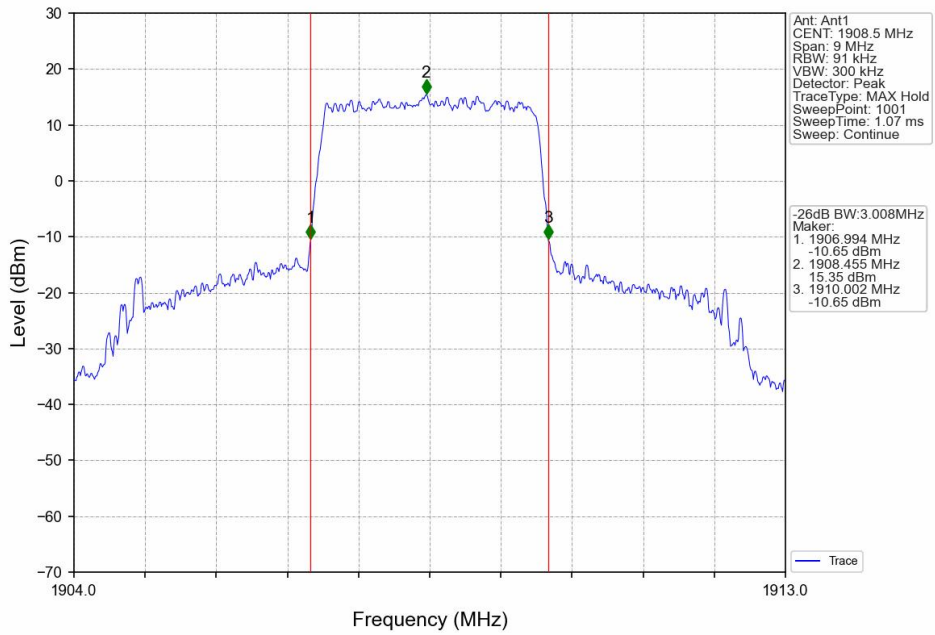
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTN



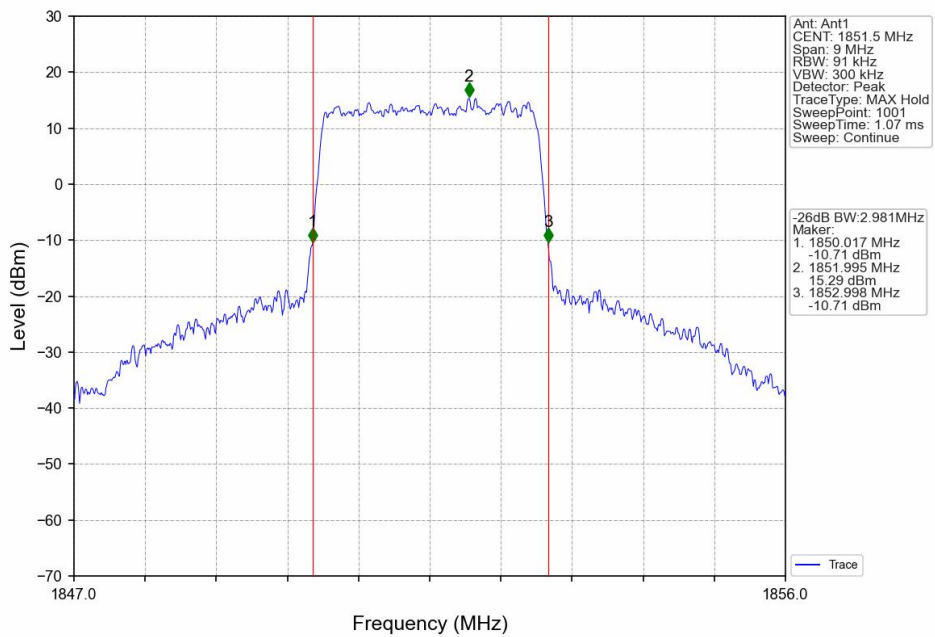
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



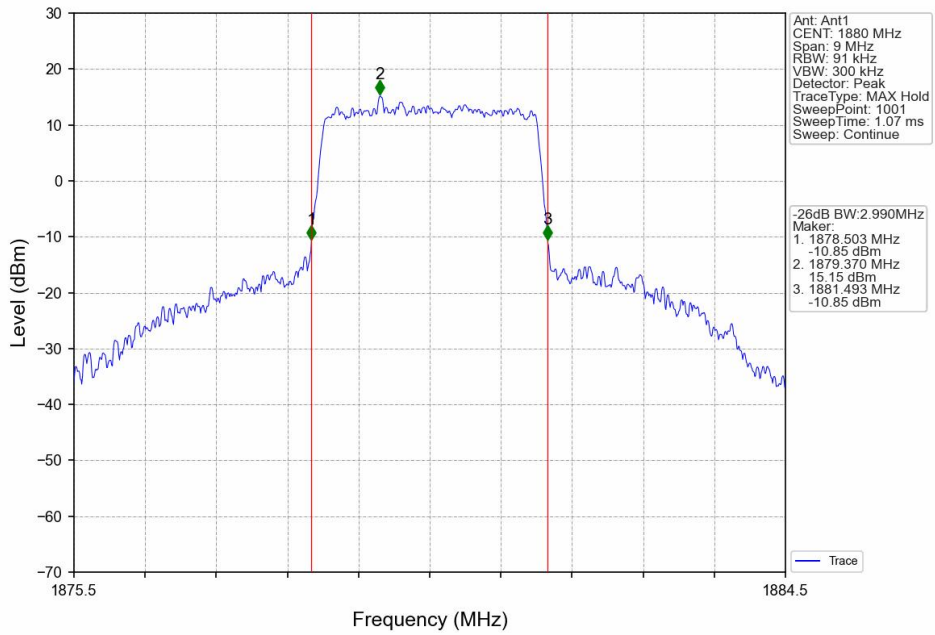
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



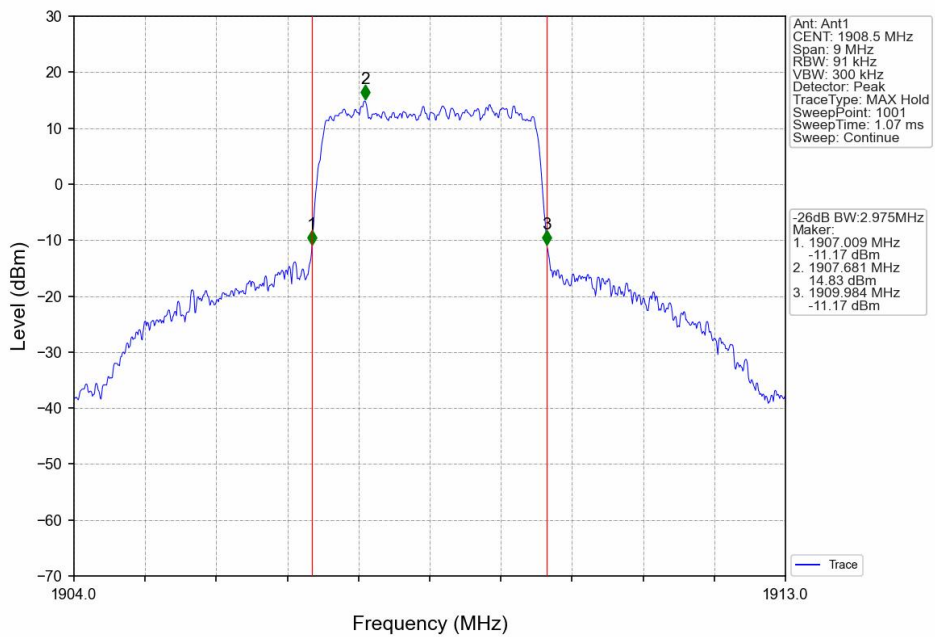
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



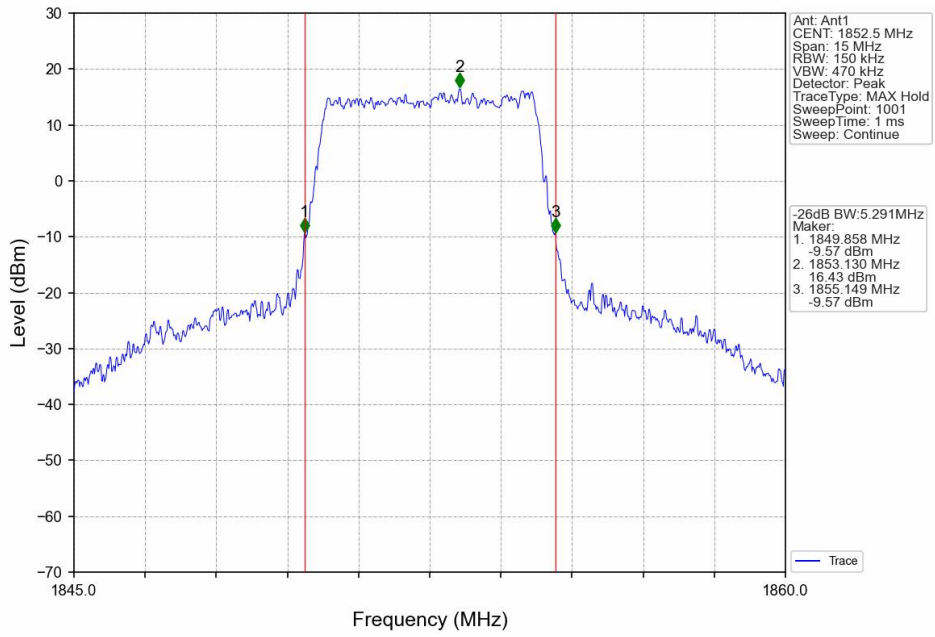
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



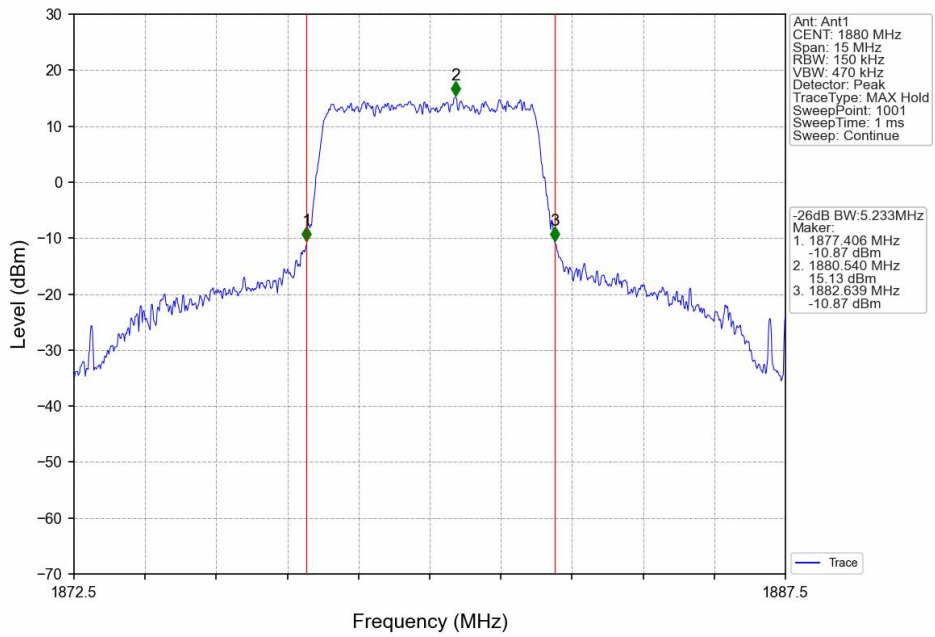
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



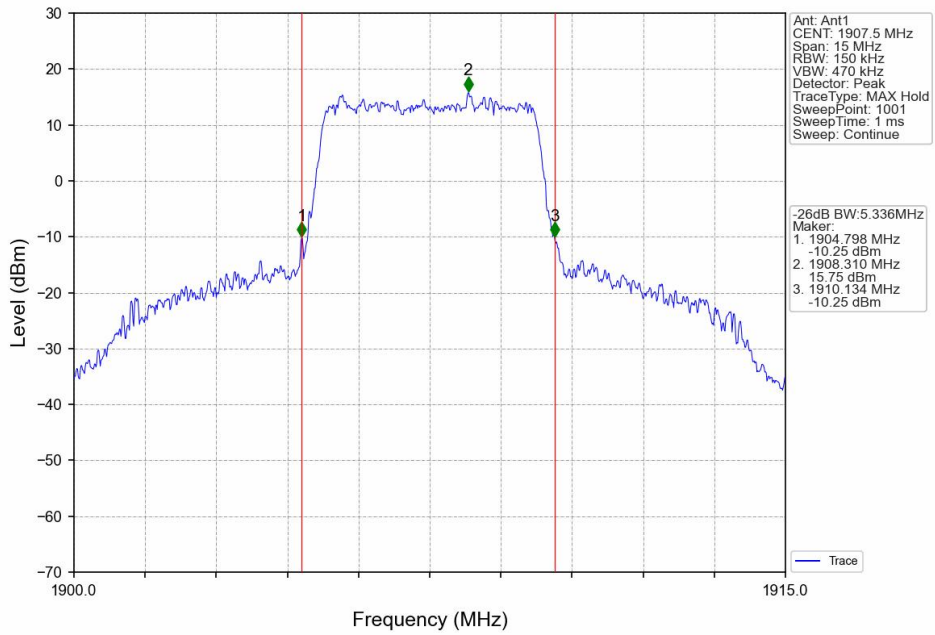
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



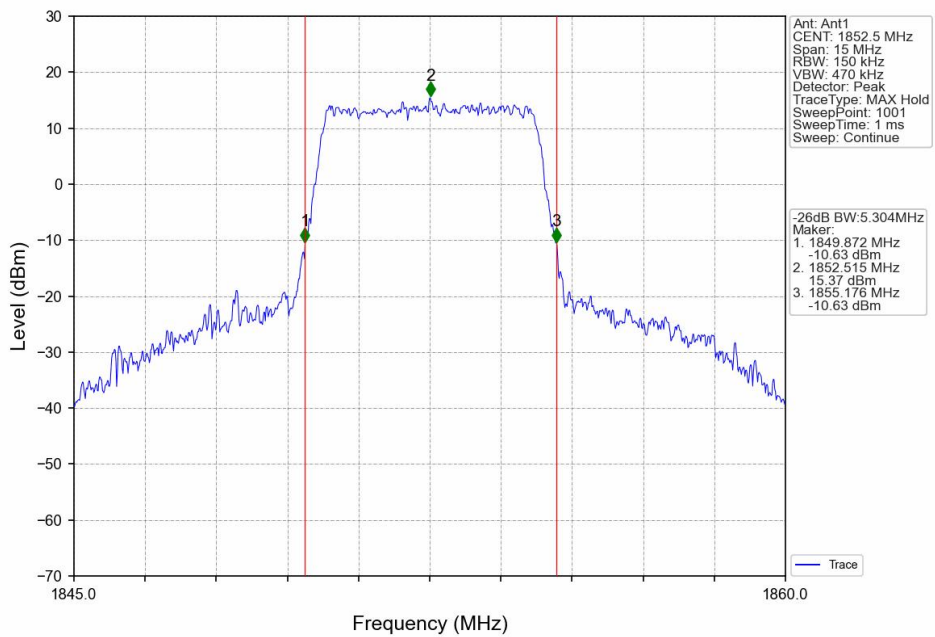
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



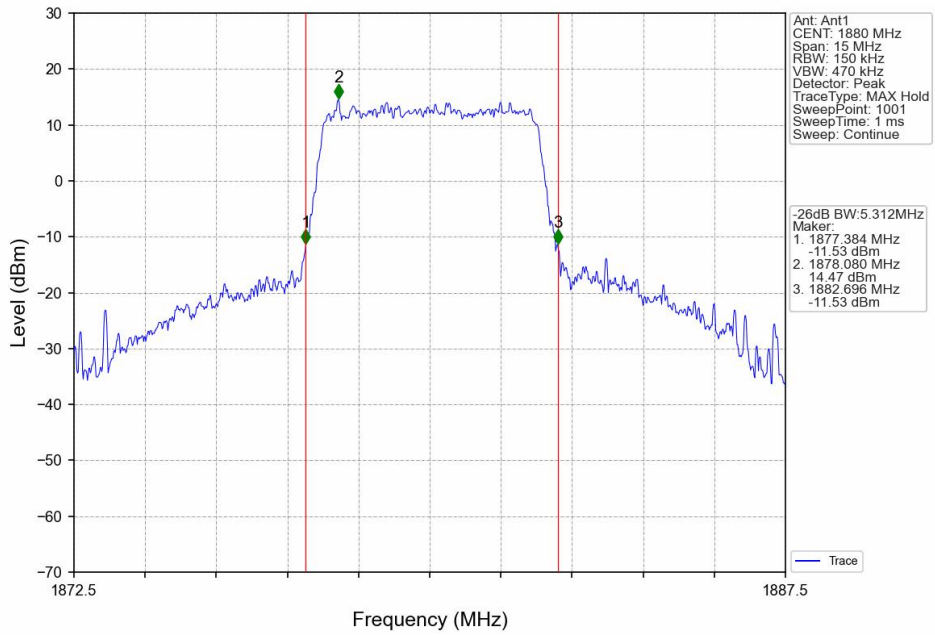
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



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

