

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.11	0.45	21.56	<=33.01	Pass		
			2	21.20	0.45	21.65	<=33.01	Pass		
			5	21.10	0.45	21.55	<=33.01	Pass		
		3	0	21.13	0.45	21.58	<=33.01	Pass		
			2	21.16	0.45	21.61	<=33.01	Pass		
			3	20.91	0.45	21.36	<=33.01	Pass		
		6	0	19.98	0.45	20.43	<=33.01	Pass		
		1880	1	0	21.17	0.45	21.62	<=33.01	Pass	
				2	21.28	0.45	21.73	<=33.01	Pass	
	5			21.16	0.45	21.61	<=33.01	Pass		
	3		0	21.10	0.45	21.55	<=33.01	Pass		
			2	21.13	0.45	21.58	<=33.01	Pass		
			3	21.08	0.45	21.53	<=33.01	Pass		
	6		0	20.26	0.45	20.71	<=33.01	Pass		
	1909.3		1	0	21.21	0.45	21.66	<=33.01	Pass	
				2	21.37	0.45	21.82	<=33.01	Pass	
		5		21.23	0.45	21.68	<=33.01	Pass		
		3	0	21.03	0.45	21.48	<=33.01	Pass		
			2	20.98	0.45	21.43	<=33.01	Pass		
			3	20.72	0.45	21.17	<=33.01	Pass		
		6	0	19.74	0.45	20.19	<=33.01	Pass		
		16QAM	1850.7	1	0	19.96	0.45	20.41	<=33.01	Pass
					2	20.05	0.45	20.50	<=33.01	Pass
	5				19.94	0.45	20.39	<=33.01	Pass	
	3			0	19.81	0.45	20.26	<=33.01	Pass	
				2	19.84	0.45	20.29	<=33.01	Pass	
				3	19.83	0.45	20.28	<=33.01	Pass	
6	0			18.91	0.45	19.36	<=33.01	Pass		
1880	1			0	19.96	0.45	20.41	<=33.01	Pass	
				2	20.06	0.45	20.51	<=33.01	Pass	
			5	19.98	0.45	20.43	<=33.01	Pass		
	3		0	20.19	0.45	20.64	<=33.01	Pass		
			2	20.24	0.45	20.69	<=33.01	Pass		
			3	20.21	0.45	20.66	<=33.01	Pass		
	6		0	19.12	0.45	19.57	<=33.01	Pass		
	1909.3		1	0	19.56	0.45	20.01	<=33.01	Pass	
				2	19.66	0.45	20.11	<=33.01	Pass	
5				19.59	0.45	20.04	<=33.01	Pass		
3			0	19.63	0.45	20.08	<=33.01	Pass		
			2	19.65	0.45	20.10	<=33.01	Pass		
			3	19.64	0.45	20.09	<=33.01	Pass		
6			0	18.58	0.45	19.03	<=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	21.09	0.45	21.54	<=33.01	Pass		
			7	21.18	0.45	21.63	<=33.01	Pass		
			14	21.06	0.45	21.51	<=33.01	Pass		
		8	0	20.01	0.45	20.46	<=33.01	Pass		
			4	19.91	0.45	20.36	<=33.01	Pass		
			7	19.52	0.45	19.97	<=33.01	Pass		
		15	0	19.44	0.45	19.89	<=33.01	Pass		
		1880	1	0	20.85	0.45	21.30	<=33.01	Pass	
				7	20.90	0.45	21.35	<=33.01	Pass	
	14			20.79	0.45	21.24	<=33.01	Pass		
	8		0	19.82	0.45	20.27	<=33.01	Pass		
			4	19.82	0.45	20.27	<=33.01	Pass		
			7	19.78	0.45	20.23	<=33.01	Pass		
	15		0	19.73	0.45	20.18	<=33.01	Pass		
	1908.5		1	0	20.84	0.45	21.29	<=33.01	Pass	
				7	20.92	0.45	21.37	<=33.01	Pass	
		14		20.83	0.45	21.28	<=33.01	Pass		
		8	0	19.81	0.45	20.26	<=33.01	Pass		
			4	19.88	0.45	20.33	<=33.01	Pass		
			7	19.82	0.45	20.27	<=33.01	Pass		
		15	0	19.78	0.45	20.23	<=33.01	Pass		
		16QAM	1851.5	1	0	19.46	0.45	19.91	<=33.01	Pass
					7	19.55	0.45	20.00	<=33.01	Pass
	14				19.41	0.45	19.86	<=33.01	Pass	
	8			0	18.51	0.45	18.96	<=33.01	Pass	
				4	18.54	0.45	18.99	<=33.01	Pass	
				7	18.48	0.45	18.93	<=33.01	Pass	
15	0			18.47	0.45	18.92	<=33.01	Pass		
1880	1			0	19.83	0.45	20.28	<=33.01	Pass	
				7	19.97	0.45	20.42	<=33.01	Pass	
			14	19.83	0.45	20.28	<=33.01	Pass		
	8		0	18.70	0.45	19.15	<=33.01	Pass		
			4	18.72	0.45	19.17	<=33.01	Pass		
			7	18.67	0.45	19.12	<=33.01	Pass		
	15		0	18.64	0.45	19.09	<=33.01	Pass		
	1908.5		1	0	20.20	0.45	20.65	<=33.01	Pass	
				7	20.29	0.45	20.74	<=33.01	Pass	
14				20.13	0.45	20.58	<=33.01	Pass		
8			0	18.86	0.45	19.31	<=33.01	Pass		
			4	18.94	0.45	19.39	<=33.01	Pass		
			7	18.90	0.45	19.35	<=33.01	Pass		
15			0	18.80	0.45	19.25	<=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	20.85	0.45	21.30	<=33.01	Pass		
			13	20.80	0.45	21.25	<=33.01	Pass		
			24	20.35	0.45	20.80	<=33.01	Pass		
		12	0	19.36	0.45	19.81	<=33.01	Pass		
			6	19.42	0.45	19.87	<=33.01	Pass		
			13	19.34	0.45	19.79	<=33.01	Pass		
		25	0	19.37	0.45	19.82	<=33.01	Pass		
		1880	1	0	20.60	0.45	21.05	<=33.01	Pass	
				13	20.73	0.45	21.18	<=33.01	Pass	
	24			20.61	0.45	21.06	<=33.01	Pass		
	12		0	19.62	0.45	20.07	<=33.01	Pass		
			6	19.66	0.45	20.11	<=33.01	Pass		
			13	19.55	0.45	20.00	<=33.01	Pass		
	25		0	19.61	0.45	20.06	<=33.01	Pass		
	1907.5		1	0	20.57	0.45	21.02	<=33.01	Pass	
				13	20.73	0.45	21.18	<=33.01	Pass	
		24		20.65	0.45	21.10	<=33.01	Pass		
		12	0	19.62	0.45	20.07	<=33.01	Pass		
			6	19.68	0.45	20.13	<=33.01	Pass		
			13	19.61	0.45	20.06	<=33.01	Pass		
		25	0	19.59	0.45	20.04	<=33.01	Pass		
		16QAM	1852.5	1	0	19.35	0.45	19.80	<=33.01	Pass
					13	19.47	0.45	19.92	<=33.01	Pass
	24				19.38	0.45	19.83	<=33.01	Pass	
12	0			18.35	0.45	18.80	<=33.01	Pass		
	6			18.39	0.45	18.84	<=33.01	Pass		
	13			18.29	0.45	18.74	<=33.01	Pass		
25	0			18.35	0.45	18.80	<=33.01	Pass		
1880	1			0	19.72	0.45	20.17	<=33.01	Pass	
				13	19.82	0.45	20.27	<=33.01	Pass	
			24	19.71	0.45	20.16	<=33.01	Pass		
	12		0	18.64	0.45	19.09	<=33.01	Pass		
			6	18.64	0.45	19.09	<=33.01	Pass		
			13	18.51	0.45	18.96	<=33.01	Pass		
	25		0	18.54	0.45	18.99	<=33.01	Pass		
	1907.5		1	0	19.39	0.45	19.84	<=33.01	Pass	
				13	19.50	0.45	19.95	<=33.01	Pass	
24				19.42	0.45	19.87	<=33.01	Pass		
12			0	18.62	0.45	19.07	<=33.01	Pass		
			6	18.68	0.45	19.13	<=33.01	Pass		
			13	18.61	0.45	19.06	<=33.01	Pass		
25			0	18.61	0.45	19.06	<=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	20.82	0.45	21.27	<=33.01	Pass		
			25	20.63	0.45	21.08	<=33.01	Pass		
			49	20.46	0.45	20.91	<=33.01	Pass		
		25	0	19.45	0.45	19.90	<=33.01	Pass		
			13	19.45	0.45	19.90	<=33.01	Pass		
			25	19.48	0.45	19.93	<=33.01	Pass		
		50	0	19.52	0.45	19.97	<=33.01	Pass		
		1880	1	0	20.62	0.45	21.07	<=33.01	Pass	
				25	20.90	0.45	21.35	<=33.01	Pass	
	49			20.67	0.45	21.12	<=33.01	Pass		
	25		0	19.71	0.45	20.16	<=33.01	Pass		
			13	19.71	0.45	20.16	<=33.01	Pass		
			25	19.60	0.45	20.05	<=33.01	Pass		
	50		0	19.62	0.45	20.07	<=33.01	Pass		
	1905		1	0	20.61	0.45	21.06	<=33.01	Pass	
				25	20.90	0.45	21.35	<=33.01	Pass	
		49		20.74	0.45	21.19	<=33.01	Pass		
		25	0	19.63	0.45	20.08	<=33.01	Pass		
			13	19.76	0.45	20.21	<=33.01	Pass		
			25	19.72	0.45	20.17	<=33.01	Pass		
		50	0	19.69	0.45	20.14	<=33.01	Pass		
		16QAM	1855	1	0	19.30	0.45	19.75	<=33.01	Pass
					25	19.53	0.45	19.98	<=33.01	Pass
	49				19.42	0.45	19.87	<=33.01	Pass	
25	0			18.49	0.45	18.94	<=33.01	Pass		
	13			18.48	0.45	18.93	<=33.01	Pass		
	25			18.53	0.45	18.98	<=33.01	Pass		
50	0			18.46	0.45	18.91	<=33.01	Pass		
1880	1			0	19.70	0.45	20.15	<=33.01	Pass	
				25	19.93	0.45	20.38	<=33.01	Pass	
			49	19.69	0.45	20.14	<=33.01	Pass		
	25		0	18.64	0.45	19.09	<=33.01	Pass		
			13	18.65	0.45	19.10	<=33.01	Pass		
			25	18.54	0.45	18.99	<=33.01	Pass		
	50		0	18.56	0.45	19.01	<=33.01	Pass		
	1905		1	0	20.08	0.45	20.53	<=33.01	Pass	
				25	20.33	0.45	20.78	<=33.01	Pass	
49				20.06	0.45	20.51	<=33.01	Pass		
25			0	18.71	0.45	19.16	<=33.01	Pass		
			13	18.76	0.45	19.21	<=33.01	Pass		
			25	18.73	0.45	19.18	<=33.01	Pass		
50			0	18.65	0.45	19.10	<=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	20.25	0.45	20.70	<=33.01	Pass		
			38	20.51	0.45	20.96	<=33.01	Pass		
			74	20.36	0.45	20.81	<=33.01	Pass		
		36	0	19.48	0.45	19.93	<=33.01	Pass		
			18	19.51	0.45	19.96	<=33.01	Pass		
			39	19.54	0.45	19.99	<=33.01	Pass		
		75	0	19.58	0.45	20.03	<=33.01	Pass		
		1880	1	0	20.47	0.45	20.92	<=33.01	Pass	
				38	20.73	0.45	21.18	<=33.01	Pass	
	74			20.54	0.45	20.99	<=33.01	Pass		
	36		0	19.75	0.45	20.20	<=33.01	Pass		
			18	19.77	0.45	20.22	<=33.01	Pass		
			39	19.67	0.45	20.12	<=33.01	Pass		
	75		0	19.73	0.45	20.18	<=33.01	Pass		
	1902.5		1	0	20.51	0.45	20.96	<=33.01	Pass	
				38	20.69	0.45	21.14	<=33.01	Pass	
		74		20.62	0.45	21.07	<=33.01	Pass		
		36	0	19.70	0.45	20.15	<=33.01	Pass		
			18	19.77	0.45	20.22	<=33.01	Pass		
			39	19.74	0.45	20.19	<=33.01	Pass		
		75	0	19.75	0.45	20.20	<=33.01	Pass		
		16QAM	1857.5	1	0	19.46	0.45	19.91	<=33.01	Pass
					38	19.81	0.45	20.26	<=33.01	Pass
	74				19.74	0.45	20.19	<=33.01	Pass	
36	0			18.41	0.45	18.86	<=33.01	Pass		
	18			18.48	0.45	18.93	<=33.01	Pass		
	39			18.53	0.45	18.98	<=33.01	Pass		
75	0			18.49	0.45	18.94	<=33.01	Pass		
1880	1			0	19.59	0.45	20.04	<=33.01	Pass	
				38	19.77	0.45	20.22	<=33.01	Pass	
			74	19.57	0.45	20.02	<=33.01	Pass		
	36		0	18.65	0.45	19.10	<=33.01	Pass		
			18	18.69	0.45	19.14	<=33.01	Pass		
			39	18.56	0.45	19.01	<=33.01	Pass		
	75		0	18.65	0.45	19.10	<=33.01	Pass		
	1902.5		1	0	20.01	0.45	20.46	<=33.01	Pass	
				38	20.15	0.45	20.60	<=33.01	Pass	
74				19.93	0.45	20.38	<=33.01	Pass		
36			0	18.61	0.45	19.06	<=33.01	Pass		
			18	18.77	0.45	19.22	<=33.01	Pass		
			39	18.74	0.45	19.19	<=33.01	Pass		
75			0	18.72	0.45	19.17	<=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	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1860	1	0	20.02	0.45	20.47	<=33.01	Pass		
			50	20.64	0.45	21.09	<=33.01	Pass		
			99	20.26	0.45	20.71	<=33.01	Pass		
		50	0	19.41	0.45	19.86	<=33.01	Pass		
			25	19.50	0.45	19.95	<=33.01	Pass		
			50	19.61	0.45	20.06	<=33.01	Pass		
		100	0	19.52	0.45	19.97	<=33.01	Pass		
		1880	1	0	20.31	0.45	20.76	<=33.01	Pass	
				50	20.83	0.45	21.28	<=33.01	Pass	
	99			20.39	0.45	20.84	<=33.01	Pass		
	50		0	19.60	0.45	20.05	<=33.01	Pass		
			25	19.59	0.45	20.04	<=33.01	Pass		
			50	19.41	0.45	19.86	<=33.01	Pass		
	100		0	19.53	0.45	19.98	<=33.01	Pass		
	1900		1	0	20.36	0.45	20.81	<=33.01	Pass	
				50	20.82	0.45	21.27	<=33.01	Pass	
		99		20.44	0.45	20.89	<=33.01	Pass		
		50	0	19.69	0.45	20.14	<=33.01	Pass		
			25	19.73	0.45	20.18	<=33.01	Pass		
			50	19.78	0.45	20.23	<=33.01	Pass		
		100	0	19.74	0.45	20.19	<=33.01	Pass		
		16QAM	1860	1	0	19.47	0.45	19.92	<=33.01	Pass
					50	20.10	0.45	20.55	<=33.01	Pass
	99				19.81	0.45	20.26	<=33.01	Pass	
50	0			18.38	0.45	18.83	<=33.01	Pass		
	25			18.46	0.45	18.91	<=33.01	Pass		
	50			18.61	0.45	19.06	<=33.01	Pass		
100	0			18.55	0.45	19.00	<=33.01	Pass		
1880	1			0	19.47	0.45	19.92	<=33.01	Pass	
				50	19.87	0.45	20.32	<=33.01	Pass	
			99	19.43	0.45	19.88	<=33.01	Pass		
	50		0	18.57	0.45	19.02	<=33.01	Pass		
			25	18.54	0.45	18.99	<=33.01	Pass		
			50	18.38	0.45	18.83	<=33.01	Pass		
	100		0	18.48	0.45	18.93	<=33.01	Pass		
	1900		1	0	19.52	0.45	19.97	<=33.01	Pass	
				50	20.04	0.45	20.49	<=33.01	Pass	
99				19.59	0.45	20.04	<=33.01	Pass		
50			0	18.61	0.45	19.06	<=33.01	Pass		
			25	18.69	0.45	19.14	<=33.01	Pass		
			50	18.75	0.45	19.20	<=33.01	Pass		
100			0	18.72	0.45	19.17	<=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	-36.049	-0.0195	-2.5 to 2.5	Pass
					3.85	-13.947	-0.0075	-2.5 to 2.5	Pass
					4.43	-13.647	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-18.253	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-24.834	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	16.737	0.0090	-2.5 to 2.5	Pass
				0	3.85	-16.823	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-20.227	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-17.624	-0.0095	-2.5 to 2.5	Pass
	50	3.85	-25.349	-0.0137	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-19.569	-0.0104	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0048	-2.5 to 2.5	Pass
					4.43	-9.298	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-10.514	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-11.044	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-15.821	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-16.365	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
	50	3.85	1.373	0.0007	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-33.188	-0.0174	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
					4.43	17.738	0.0093	-2.5 to 2.5	Pass
				-30	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-10.772	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-8.268	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-14.806	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-16.794	-0.0088	-2.5 to 2.5	Pass
30				3.85	-14.749	-0.0077	-2.5 to 2.5	Pass	
40				3.85	-10.400	-0.0054	-2.5 to 2.5	Pass	
50	3.85	-19.856	-0.0104	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-9.656	-0.0052	-2.5 to 2.5	Pass
					3.85	-13.089	-0.0071	-2.5 to 2.5	Pass
					4.43	-19.083	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-20.185	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	44.303	0.0239	-2.5 to 2.5	Pass
				-10	3.85	-7.024	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-25.263	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-17.023	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-20.485	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-19.884	-0.0107	-2.5 to 2.5	Pass
	50	3.85	35.849	0.0194	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-5.007	-0.0027	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0051	-2.5 to 2.5	Pass
					4.43	-15.464	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-15.664	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-20.142	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				0	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass

	1909.3	6	0	40	3.85	-8.984	-0.0048	-2.5 to 2.5	Pass
				50	3.85	32.172	0.0171	-2.5 to 2.5	Pass
				20	3.27	-19.469	-0.0102	-2.5 to 2.5	Pass
					3.85	91.610	0.0480	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-8.483	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-12.116	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-9.942	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-13.189	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-14.119	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-13.332	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-16.408	-0.0086	-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	-4.907	-0.0027	-2.5 to 2.5	Pass
					3.85	20.099	0.0109	-2.5 to 2.5	Pass
					4.43	8.454	0.0046	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-9.928	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-14.334	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-13.719	-0.0074	-2.5 to 2.5	Pass
				30	3.85	35.148	0.0190	-2.5 to 2.5	Pass
				40	3.85	-16.522	-0.0089	-2.5 to 2.5	Pass
	50	3.85	-14.491	-0.0078	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-22.573	-0.0120	-2.5 to 2.5	Pass
					3.85	-9.270	-0.0049	-2.5 to 2.5	Pass
					4.43	5.622	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	47.450	0.0252	-2.5 to 2.5	Pass
				0	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.85	6.108	0.0032	-2.5 to 2.5	Pass
				40	3.85	-11.473	-0.0061	-2.5 to 2.5	Pass
	50	3.85	-11.458	-0.0061	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	-18.439	-0.0097	-2.5 to 2.5	Pass
					3.85	-10.085	-0.0053	-2.5 to 2.5	Pass
					4.43	0.844	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-9.055	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-20.642	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-16.608	-0.0087	-2.5 to 2.5	Pass
30	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass				

				40	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-12.460	-0.0065	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-17.281	-0.0093	-2.5 to 2.5	Pass
					3.85	-11.215	-0.0061	-2.5 to 2.5	Pass
					4.43	-11.902	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-12.560	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-10.171	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-16.994	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-17.238	0.0093	-2.5 to 2.5	Pass
				10	3.85	-13.404	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-10.614	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-15.650	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-15.664	-0.0085	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	-4.578
	3.85	-4.334	-0.0023					-2.5 to 2.5	Pass
	4.43	-16.437	-0.0087					-2.5 to 2.5	Pass
	-30	3.85	-18.697				-0.0099	-2.5 to 2.5	Pass
	-20	3.85	-14.520				-0.0077	-2.5 to 2.5	Pass
	-10	3.85	-14.319				-0.0076	-2.5 to 2.5	Pass
	0	3.85	-2.174				-0.0012	-2.5 to 2.5	Pass
	10	3.85	3.691				0.0020	-2.5 to 2.5	Pass
	30	3.85	-15.979				-0.0085	-2.5 to 2.5	Pass
	40	3.85	-3.161				-0.0017	-2.5 to 2.5	Pass
	50	3.85	-11.587				-0.0062	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	-11.044
				3.85	-9.770	-0.0051		-2.5 to 2.5	Pass
				4.43	-11.916	-0.0062		-2.5 to 2.5	Pass
				-30	3.85	-13.933	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-19.484	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	20.843	0.0109	-2.5 to 2.5	Pass
				0	3.85	-16.594	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-3.505	-0.0018	-2.5 to 2.5	Pass
30				3.85	-5.593	-0.0029	-2.5 to 2.5	Pass	
40				3.85	-15.392	-0.0081	-2.5 to 2.5	Pass	
50				3.85	-8.554	-0.0045	-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	-12.960	-0.0070	-2.5 to 2.5	Pass
					3.85	11.115	0.0060	-2.5 to 2.5	Pass
					4.43	-1.059	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-9.727	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-9.971	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0054	-2.5 to 2.5	Pass

16QAM	1880	25	0	40	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-10.400	-0.0056	-2.5 to 2.5	Pass
				20	3.27	-12.689	-0.0067	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				4.43	1.960	0.0010	-2.5 to 2.5	Pass	
				-30	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0030	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0032	-2.5 to 2.5	Pass
	50	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-26.822	-0.0141	-2.5 to 2.5	Pass
					3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				4.43	-5.708	-0.0030	-2.5 to 2.5	Pass	
				-30	3.85	-10.142	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-9.627	-0.0050	-2.5 to 2.5	Pass
				40	3.85	5.193	0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				1852.5	25	0	20	3.27	-12.374
	3.85	-5.865	-0.0032					-2.5 to 2.5	Pass
	4.43	-14.663	-0.0079					-2.5 to 2.5	Pass
	-30	3.85	-2.246				-0.0012	-2.5 to 2.5	Pass
	-20	3.85	-2.060				-0.0011	-2.5 to 2.5	Pass
	-10	3.85	-5.207				-0.0028	-2.5 to 2.5	Pass
	0	3.85	-8.197				-0.0044	-2.5 to 2.5	Pass
	10	3.85	-14.963				-0.0081	-2.5 to 2.5	Pass
	30	3.85	-3.448				-0.0019	-2.5 to 2.5	Pass
40	3.85	-6.838	-0.0037				-2.5 to 2.5	Pass	
50	3.85	-12.174	-0.0066				-2.5 to 2.5	Pass	
1880	25	0	20				3.27	-4.163	-0.0022
					3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0010	-2.5 to 2.5	Pass
			-30		3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
			-20		3.85	2.217	0.0012	-2.5 to 2.5	Pass
			-10		3.85	-11.072	-0.0059	-2.5 to 2.5	Pass
			0		3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
			10		3.85	-11.601	-0.0062	-2.5 to 2.5	Pass
			30		3.85	-13.876	-0.0074	-2.5 to 2.5	Pass
			40		3.85	-6.351	-0.0034	-2.5 to 2.5	Pass
			50		3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
			1907.5		25	0	20	3.27	-11.859
3.85	2.532	0.0013						-2.5 to 2.5	Pass
4.43	4.191	0.0022		-2.5 to 2.5				Pass	
-30	3.85	-3.462		-0.0018			-2.5 to 2.5	Pass	
-20	3.85	-7.639		-0.0040			-2.5 to 2.5	Pass	
-10	3.85	-11.301		-0.0059			-2.5 to 2.5	Pass	
0	3.85	-6.452		-0.0034			-2.5 to 2.5	Pass	
10	3.85	-1.588		-0.0008			-2.5 to 2.5	Pass	
30	3.85	-9.327		-0.0049			-2.5 to 2.5	Pass	

				40	3.85	-5.178	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-11.830	-0.0062	-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	-11.888	-0.0064	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				10	3.85	8.526	0.0046	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
	50	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-11.544	-0.0061	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0045	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-12.088	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-9.742	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
	50	3.85	-10.300	-0.0055	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-18.282	-0.0096	-2.5 to 2.5	Pass
					3.85	-14.377	-0.0075	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-8.726	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
30				3.85	-1.702	-0.0009	-2.5 to 2.5	Pass	
40				3.85	-2.432	-0.0013	-2.5 to 2.5	Pass	
50	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-7.582	-0.0041	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	16.351	0.0088	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0028	-2.5 to 2.5	Pass
30	3.85	0.815	0.0004	-2.5 to 2.5	Pass				

	1880	50	0	40	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				20	3.27	-8.025	-0.0043	-2.5 to 2.5	Pass
					3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.692	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-12.088	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-15.006	-0.0080	-2.5 to 2.5	Pass
	30	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass			
	40	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass			
	50	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-3.734	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
					4.43	-8.225	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.030	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
10				3.85	-4.964	-0.0026	-2.5 to 2.5	Pass	
30				3.85	-9.942	-0.0052	-2.5 to 2.5	Pass	
40				3.85	-2.718	-0.0014	-2.5 to 2.5	Pass	
50	3.85	-9.813	-0.0052	-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	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	-9.785	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-18.482	-0.0098	-2.5 to 2.5	Pass
					3.85	-13.647	-0.0073	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-10.686	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass

	1902.5	75	0	40	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-10.886	-0.0057	-2.5 to 2.5	Pass
					3.85	-8.726	-0.0046	-2.5 to 2.5	Pass
					4.43	1.960	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-8.211	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.550	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				1880	75	0	20	3.27	-11.716
	3.85	-4.363	-0.0023					-2.5 to 2.5	Pass
		4.43	-9.799				-0.0052	-2.5 to 2.5	Pass
	-30	3.85	-4.048				-0.0022	-2.5 to 2.5	Pass
	-20	3.85	-7.138				-0.0038	-2.5 to 2.5	Pass
	-10	3.85	-4.435				-0.0024	-2.5 to 2.5	Pass
	0	3.85	-18.368				-0.0098	-2.5 to 2.5	Pass
	10	3.85	-10.343				-0.0055	-2.5 to 2.5	Pass
	30	3.85	-10.228				-0.0054	-2.5 to 2.5	Pass
	40	3.85	-6.180				-0.0033	-2.5 to 2.5	Pass
	50	3.85	-13.304				-0.0071	-2.5 to 2.5	Pass
	1902.5	75	0				20	3.27	-2.289
				3.85	10.414	0.0055		-2.5 to 2.5	Pass
					4.43	-3.047	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
-10				3.85	-9.828	-0.0052	-2.5 to 2.5	Pass	
0				3.85	-8.984	-0.0047	-2.5 to 2.5	Pass	
10				3.85	-10.285	-0.0054	-2.5 to 2.5	Pass	
30				3.85	-4.878	-0.0026	-2.5 to 2.5	Pass	
40				3.85	-4.277	-0.0022	-2.5 to 2.5	Pass	
50				3.85	-6.981	-0.0037	-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	-3.734	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-11.415	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-11.659	-0.0063	-2.5 to 2.5	Pass
	50	3.85	-7.839	-0.0042	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-14.091	-0.0075	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
	50	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-11.272	-0.0059	-2.5 to 2.5	Pass
					3.85	-9.542	-0.0050	-2.5 to 2.5	Pass
					4.43	-8.941	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
30				3.85	-5.178	-0.0027	-2.5 to 2.5	Pass	
40				3.85	-9.098	-0.0048	-2.5 to 2.5	Pass	
50	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-0.329	-0.0002	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0041	-2.5 to 2.5	Pass
					4.43	-11.387	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-7.238	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
	40	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass			
	50	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-3.605	-0.0019	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0046	-2.5 to 2.5	Pass
					4.43	-8.969	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-11.244	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
10				3.85	-7.653	-0.0041	-2.5 to 2.5	Pass	
30				3.85	-12.102	-0.0064	-2.5 to 2.5	Pass	

	1900	100	0	40	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-12.102	-0.0064	-2.5 to 2.5	Pass
				20	3.27	-5.679	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-11.473	-0.0060	-2.5 to 2.5	Pass

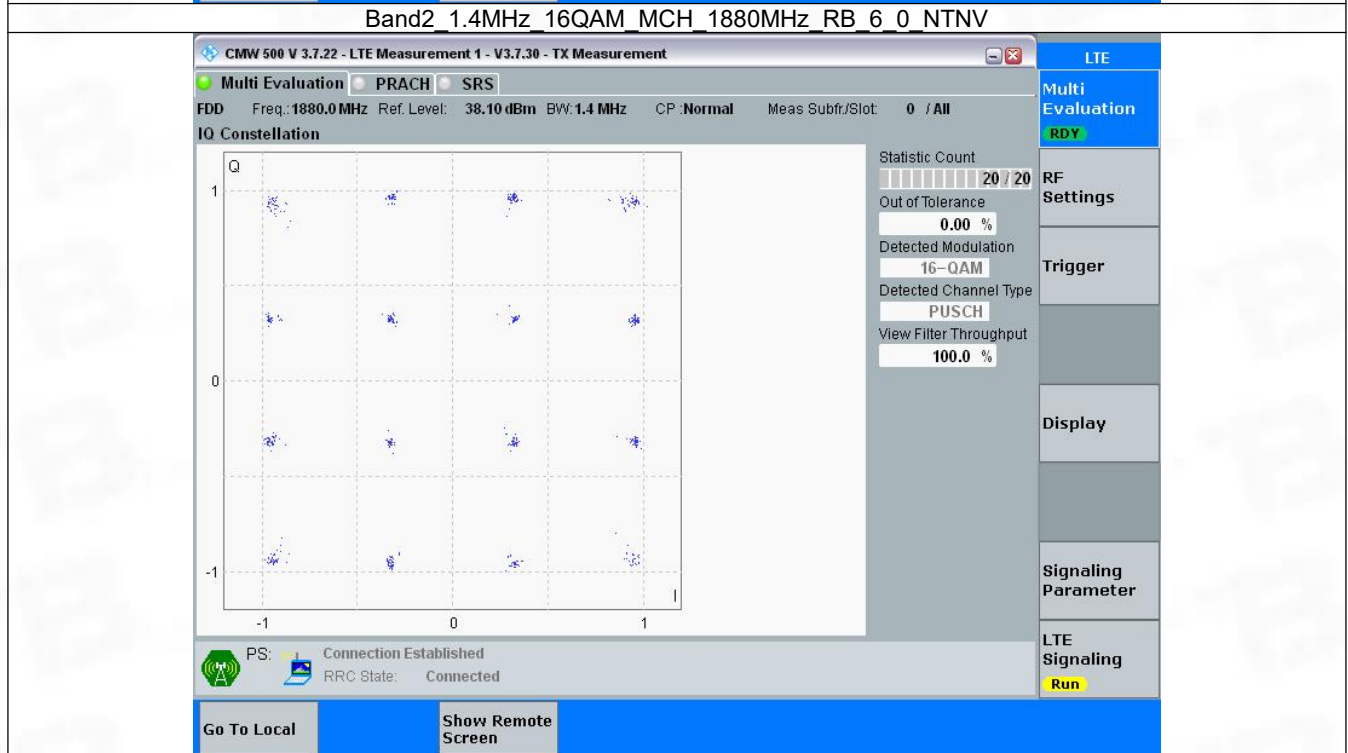
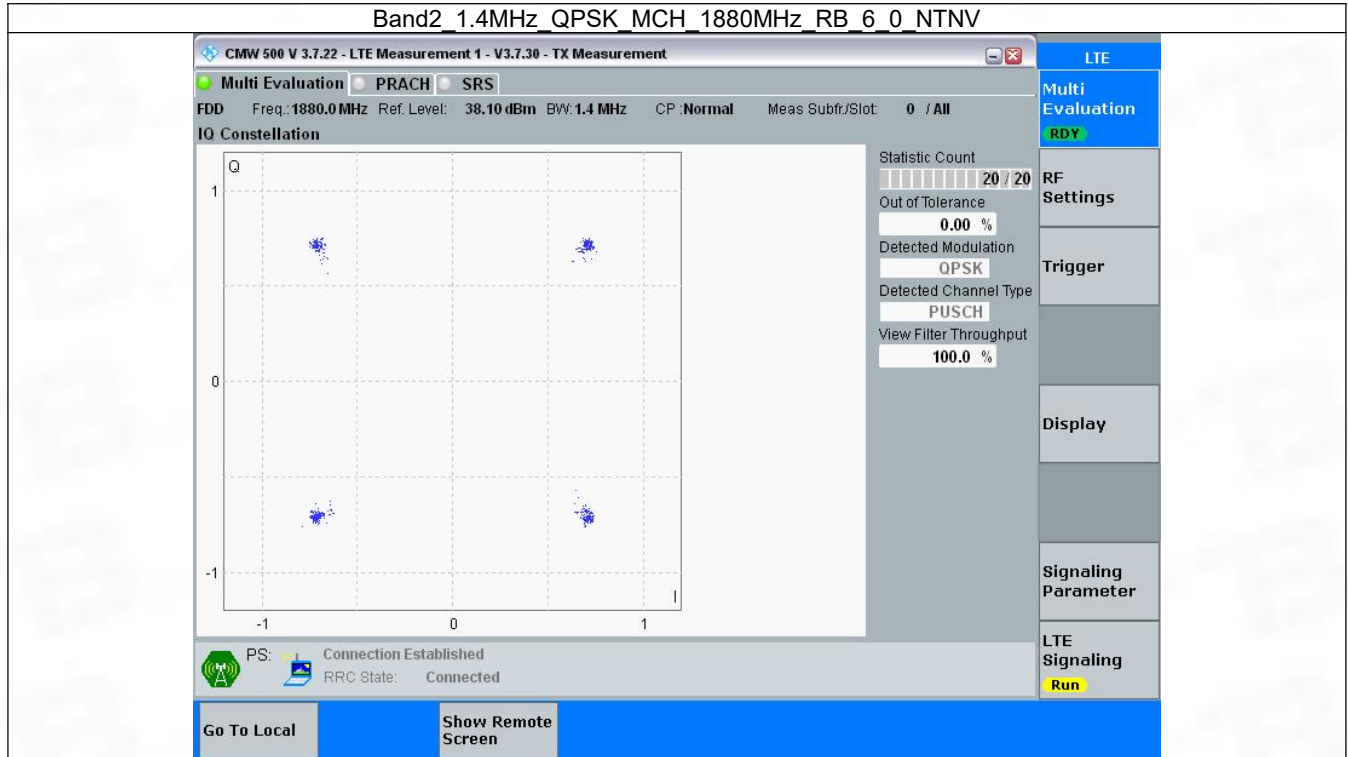
3. Modulation Characteristics

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

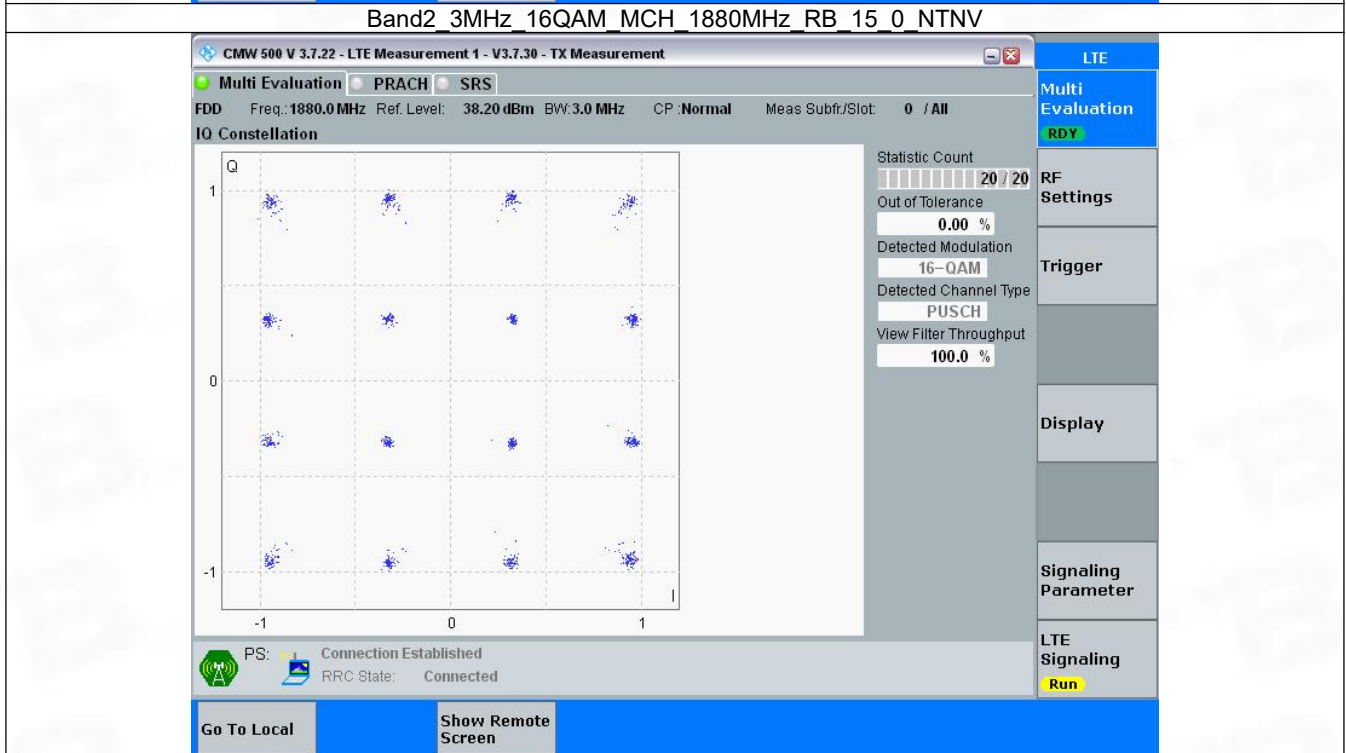
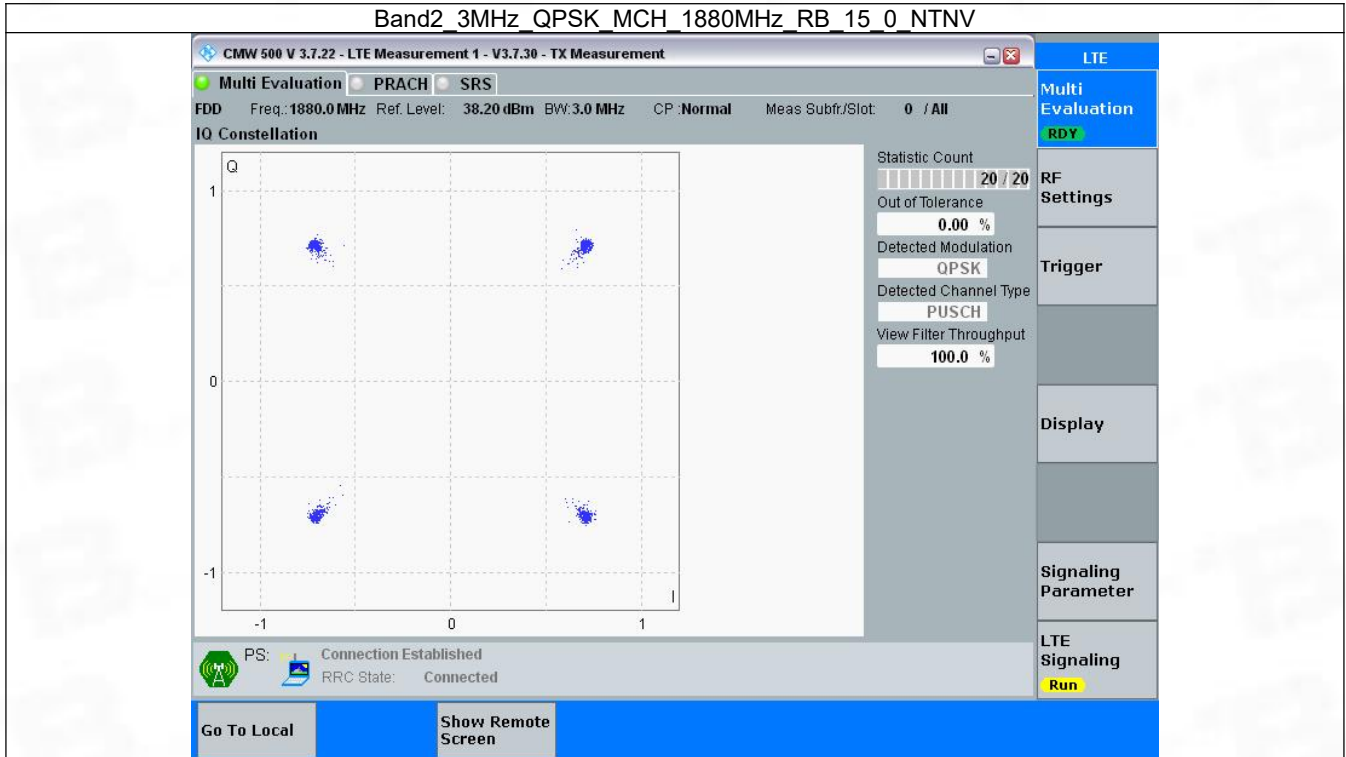


3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTV						
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

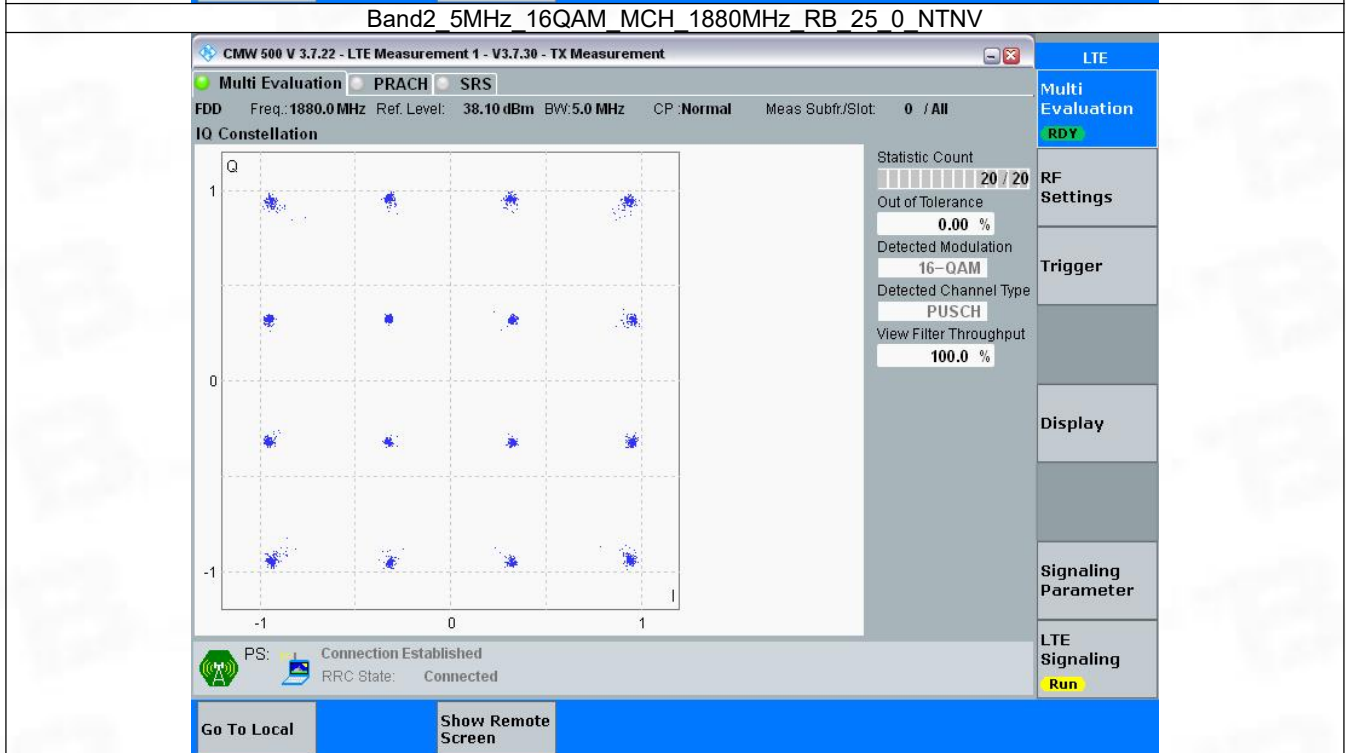
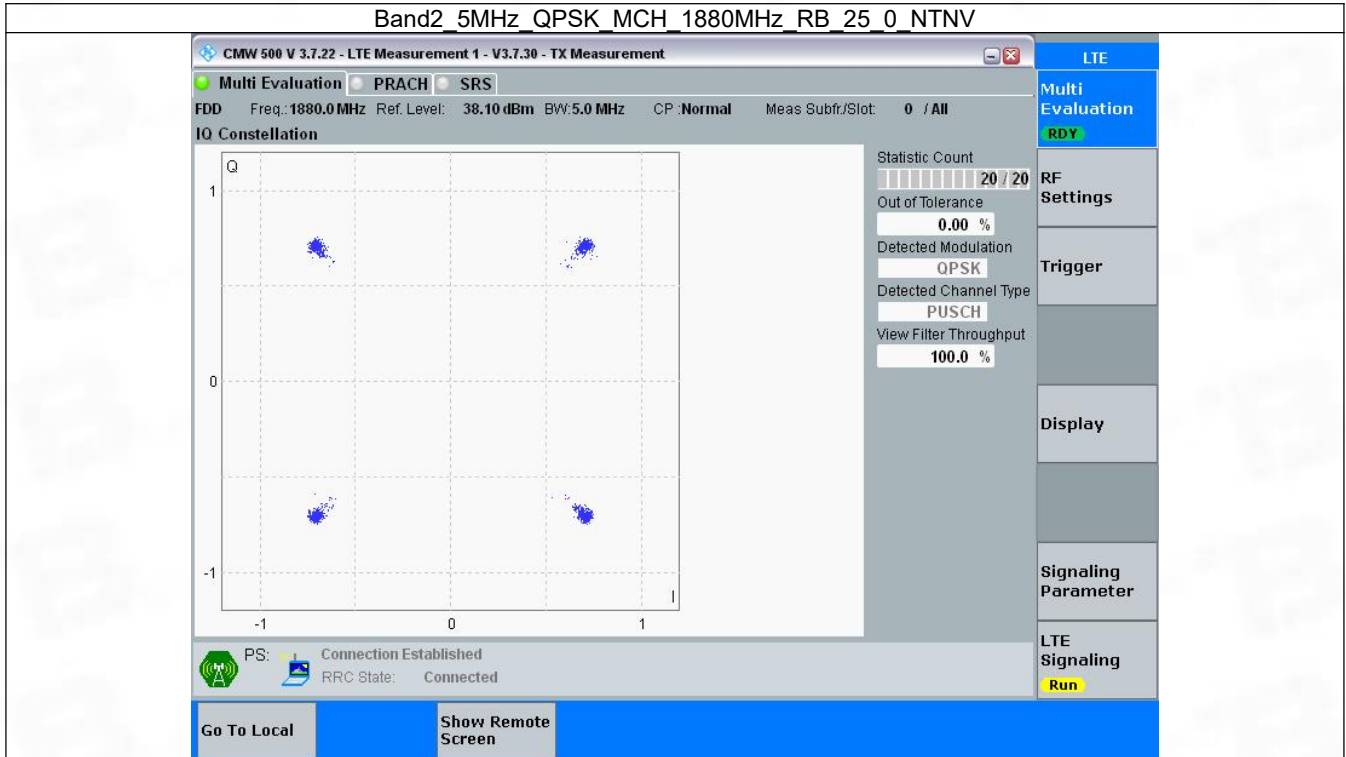


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTV						
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

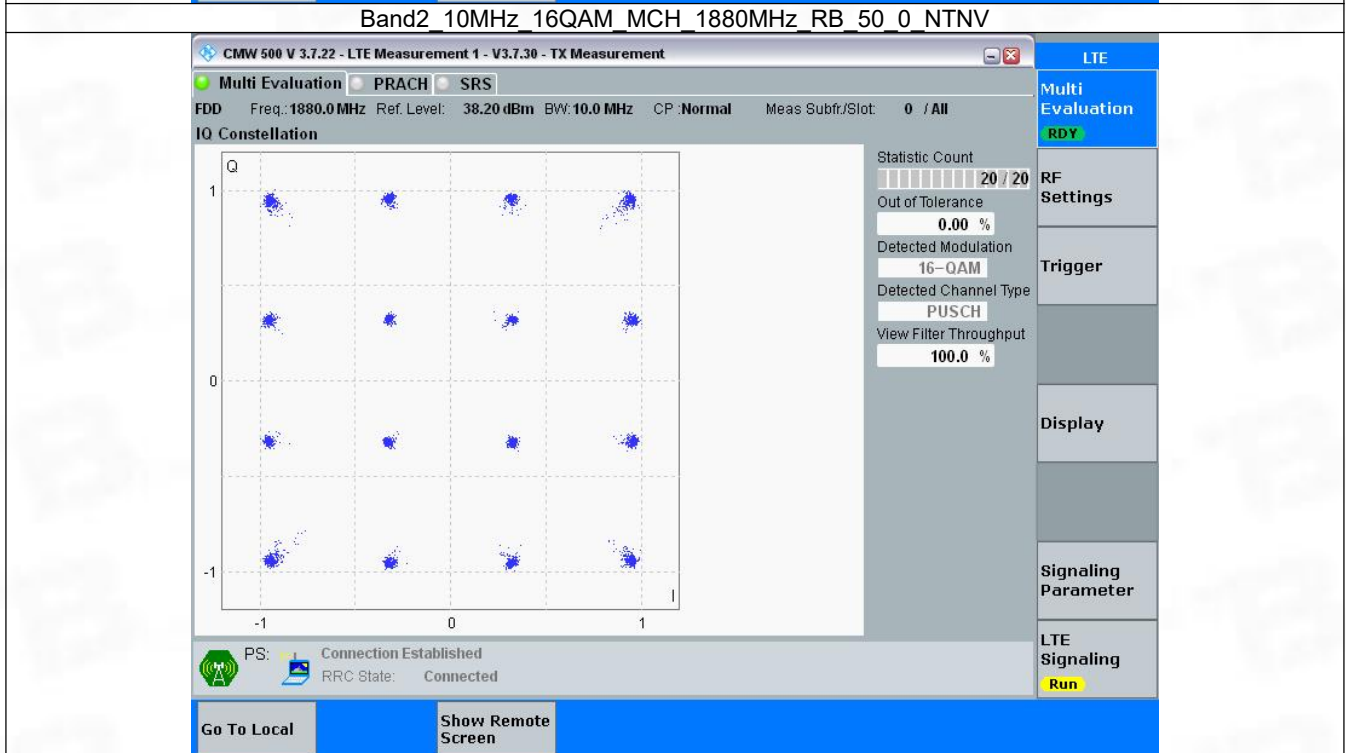
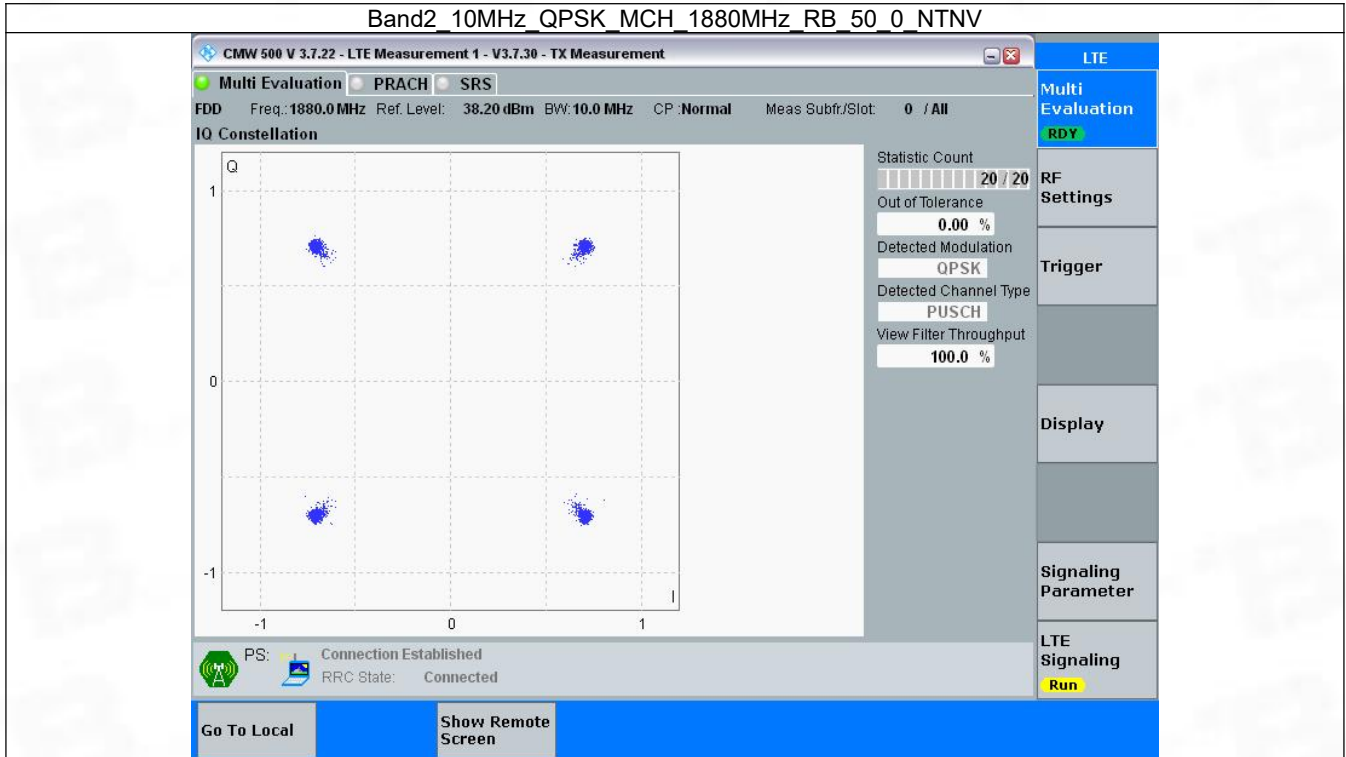


3.4 B2_10MHz

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

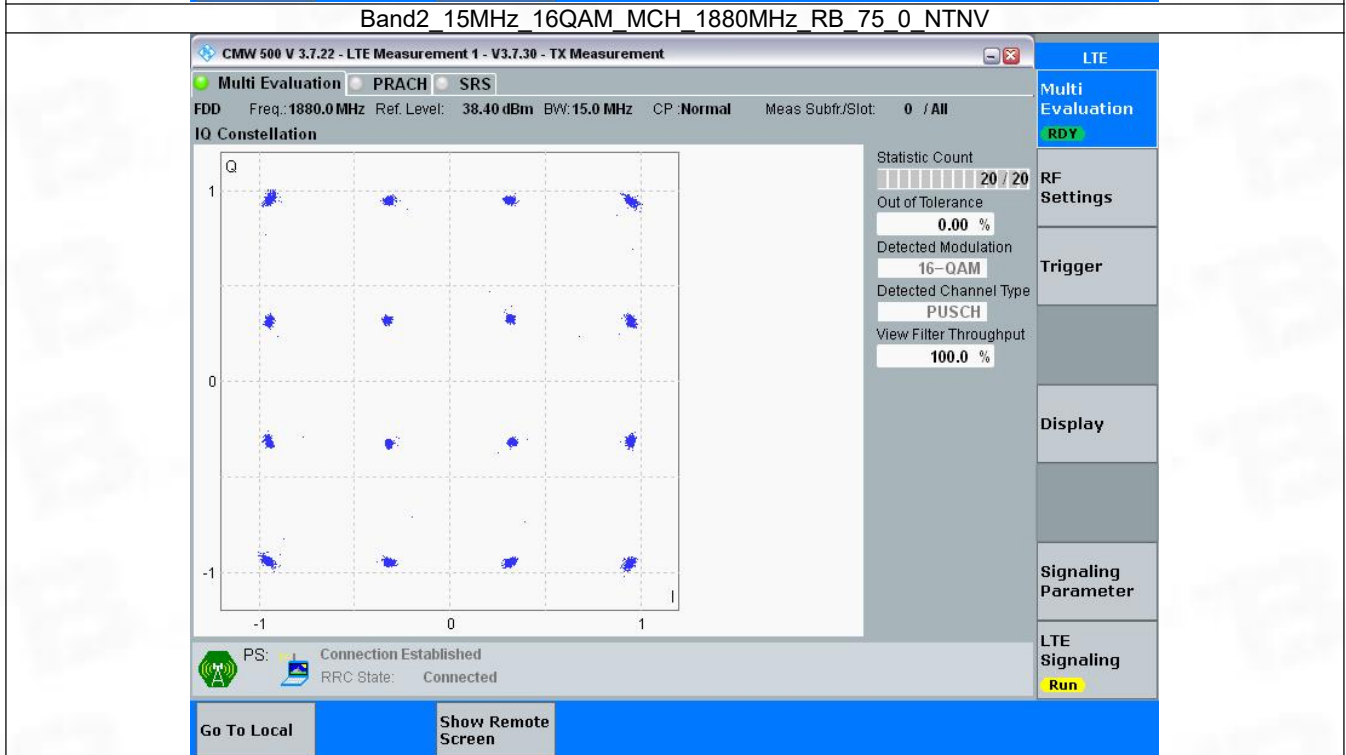
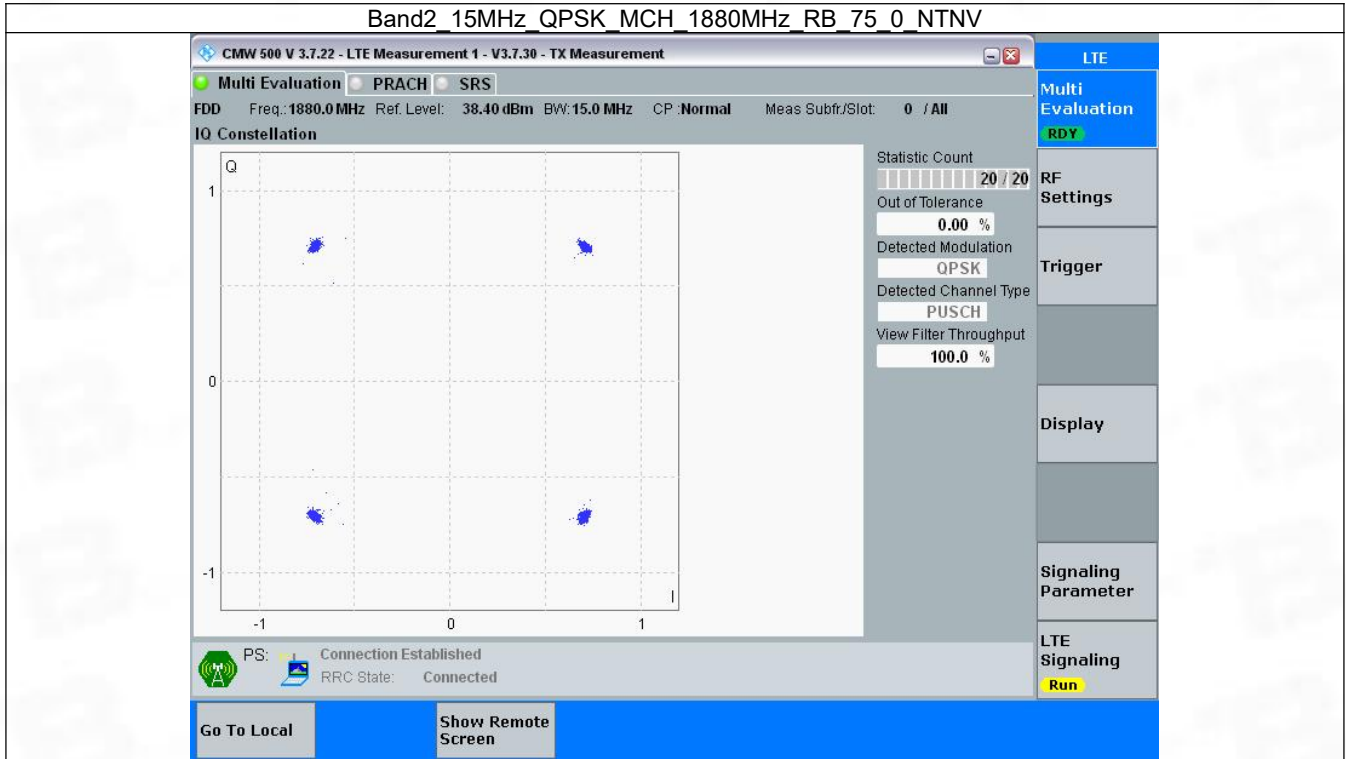


3.5 B2_15MHz

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

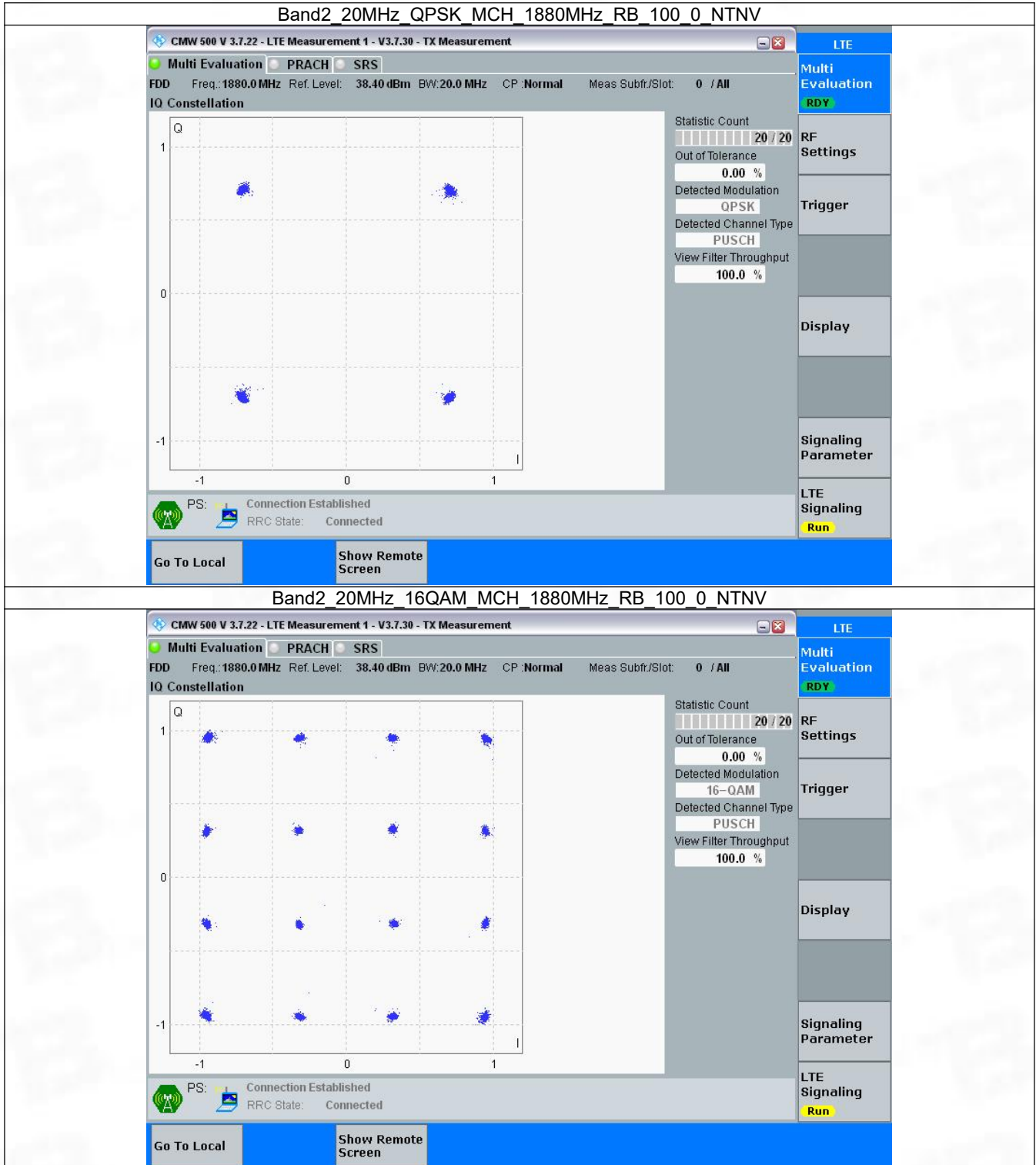


3.6 B2_20MHz

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



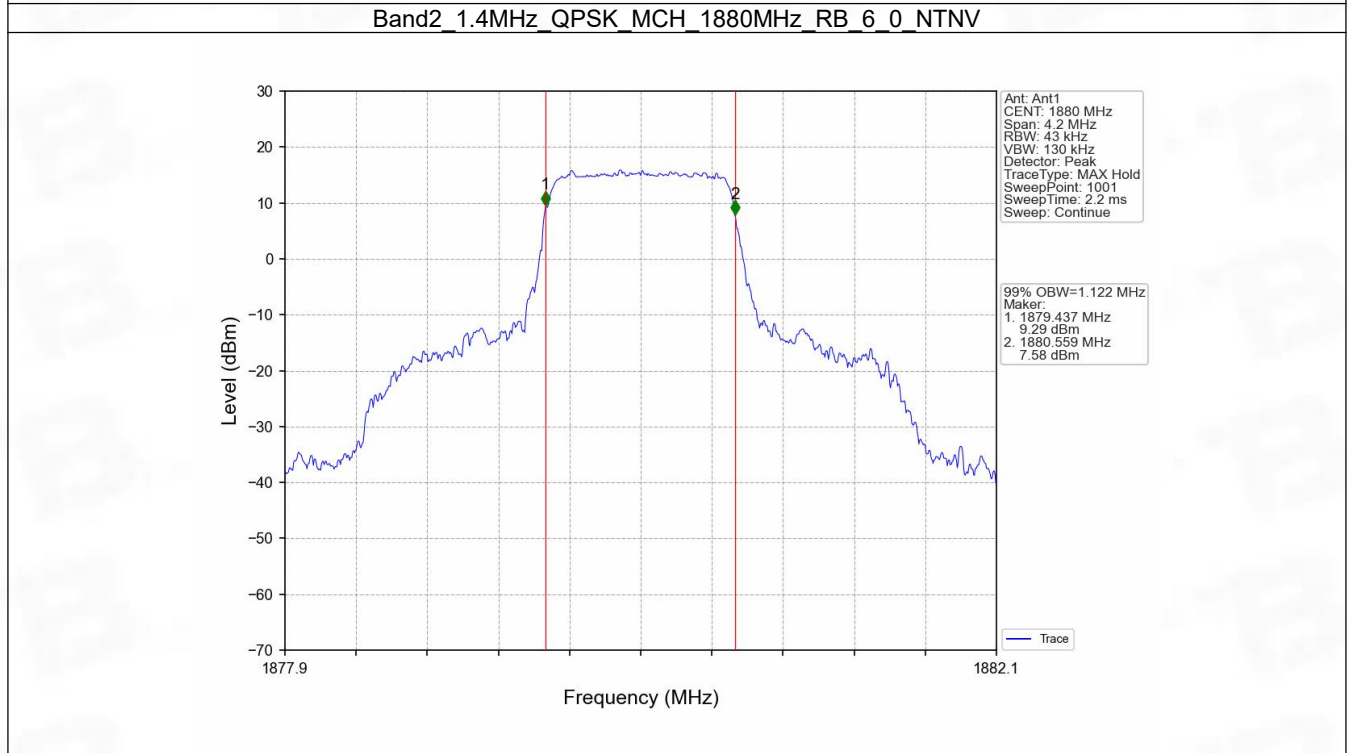
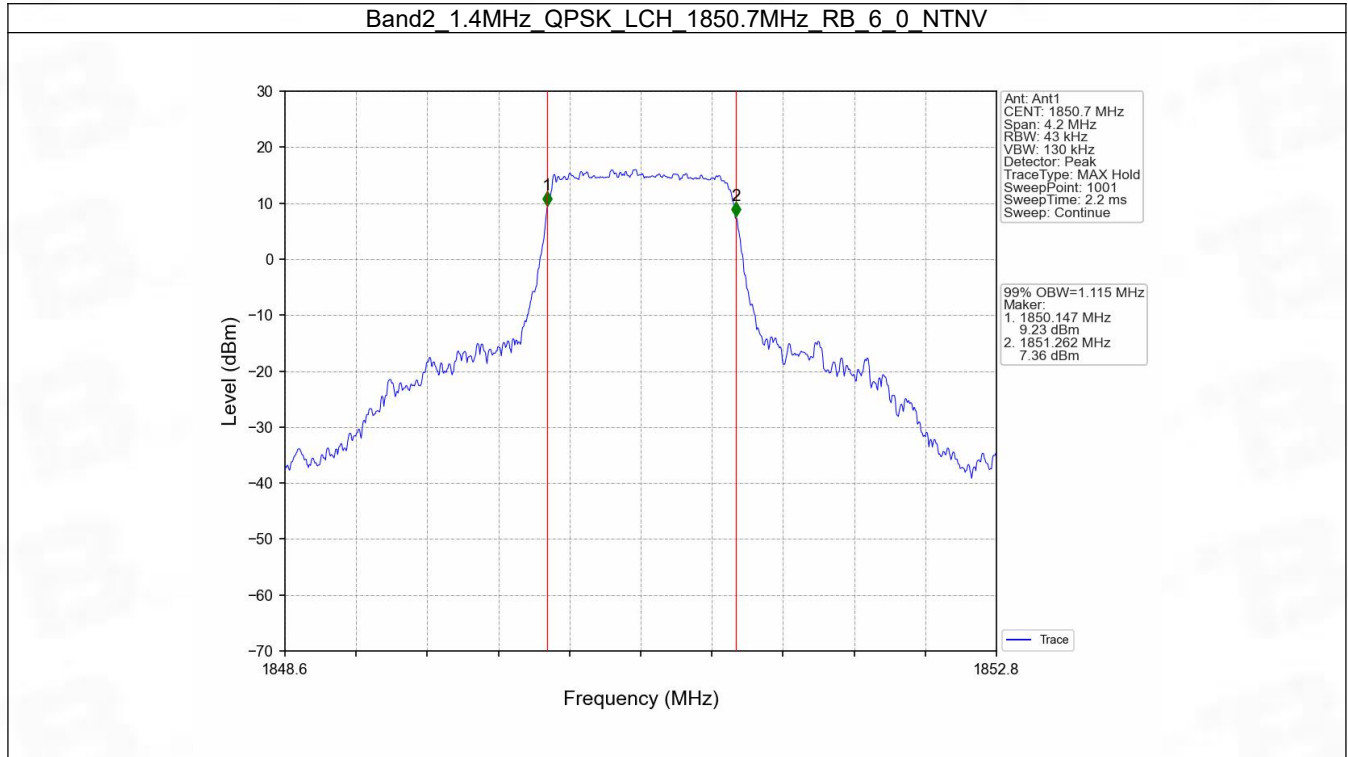
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

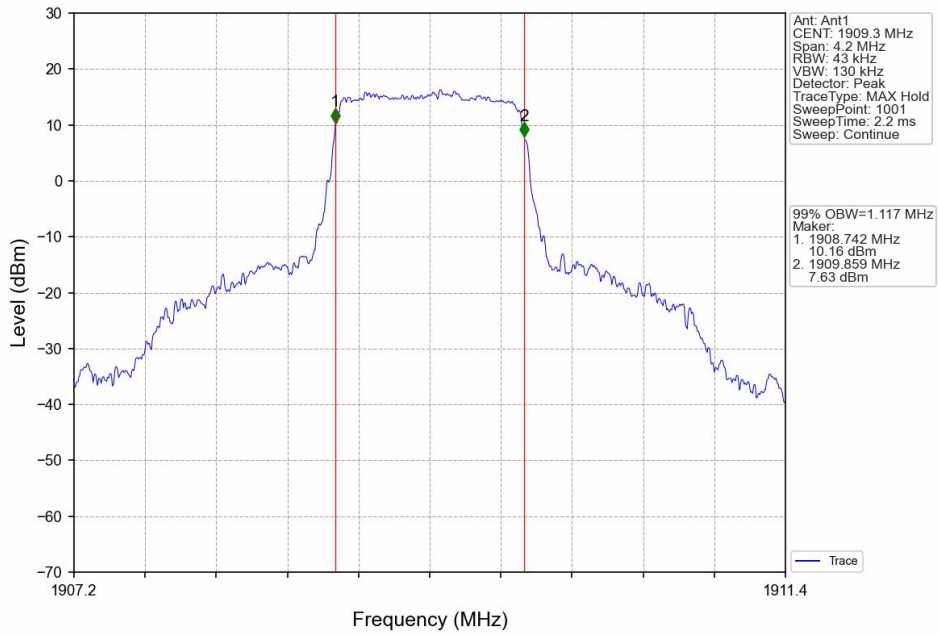
4.1.1 Test Result

Band: 2 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.115	Pass
		1880	6	0	1.122	Pass
		1909.3	6	0	1.117	Pass
	16QAM	1850.7	6	0	1.106	Pass
		1880	6	0	1.121	Pass
		1909.3	6	0	1.112	Pass
3	QPSK	1851.5	15	0	2.732	Pass
		1880	15	0	2.734	Pass
		1908.5	15	0	2.728	Pass
	16QAM	1851.5	15	0	2.722	Pass
		1880	15	0	2.732	Pass
		1908.5	15	0	2.721	Pass
5	QPSK	1852.5	25	0	4.555	Pass
		1880	25	0	4.564	Pass
		1907.5	25	0	4.576	Pass
	16QAM	1852.5	25	0	4.566	Pass
		1880	25	0	4.596	Pass
		1907.5	25	0	4.562	Pass
10	QPSK	1855	50	0	9.108	Pass
		1880	50	0	9.063	Pass
		1905	50	0	9.081	Pass
	16QAM	1855	50	0	9.087	Pass
		1880	50	0	9.091	Pass
		1905	50	0	9.069	Pass
15	QPSK	1857.5	75	0	13.667	Pass
		1880	75	0	13.585	Pass
		1902.5	75	0	13.591	Pass
	16QAM	1857.5	75	0	13.638	Pass
		1880	75	0	13.614	Pass
		1902.5	75	0	13.616	Pass
20	QPSK	1860	100	0	18.235	Pass
		1880	100	0	18.048	Pass
		1900	100	0	18.156	Pass
	16QAM	1860	100	0	18.180	Pass
		1880	100	0	18.079	Pass
		1900	100	0	18.207	Pass

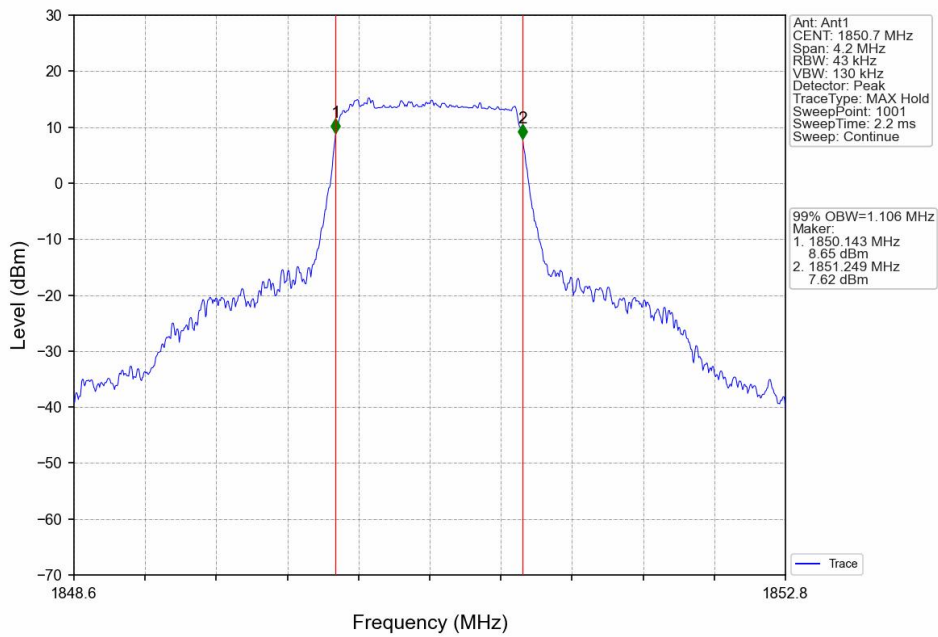
4.1.2 Test Graph



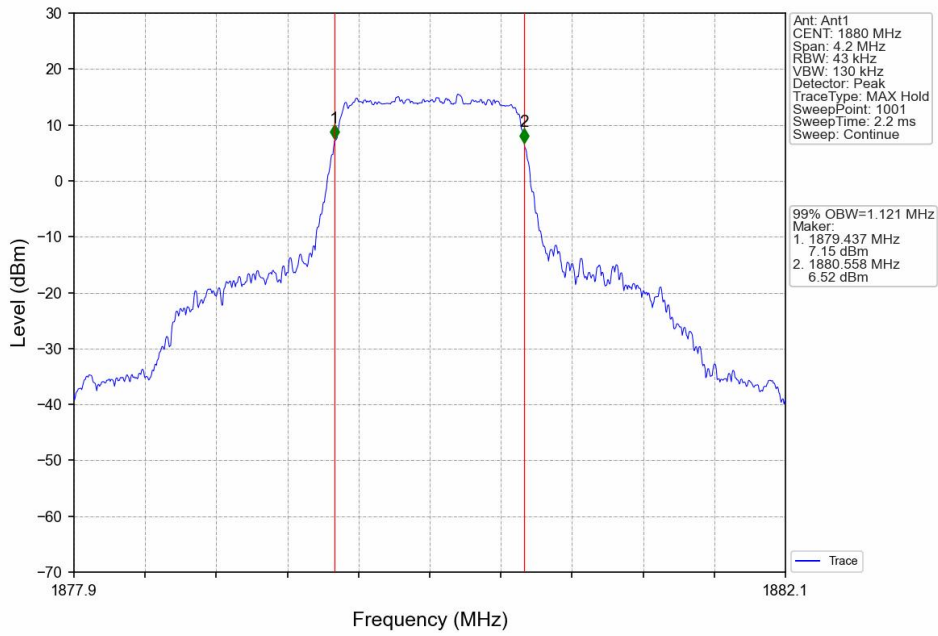
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



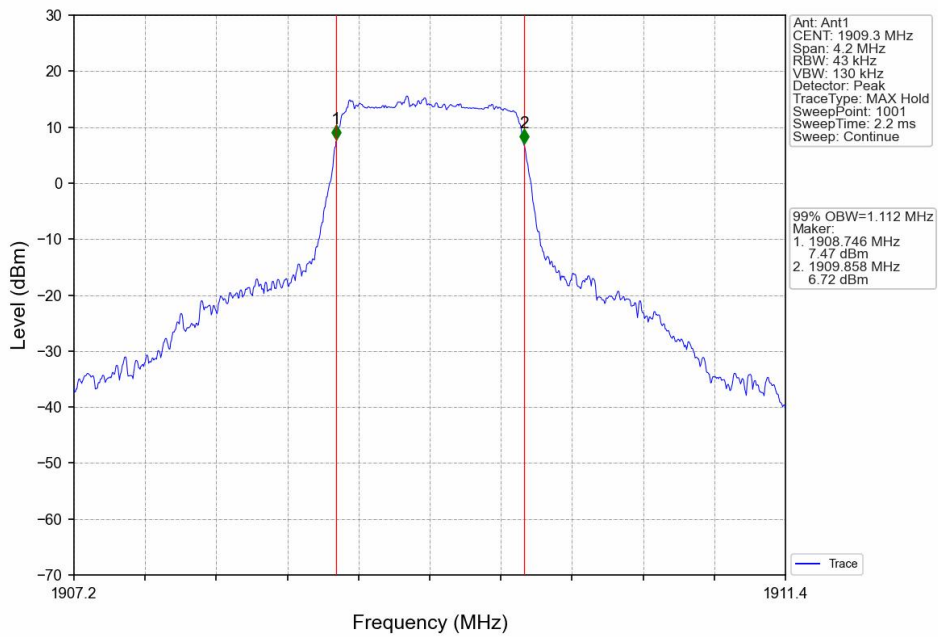
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



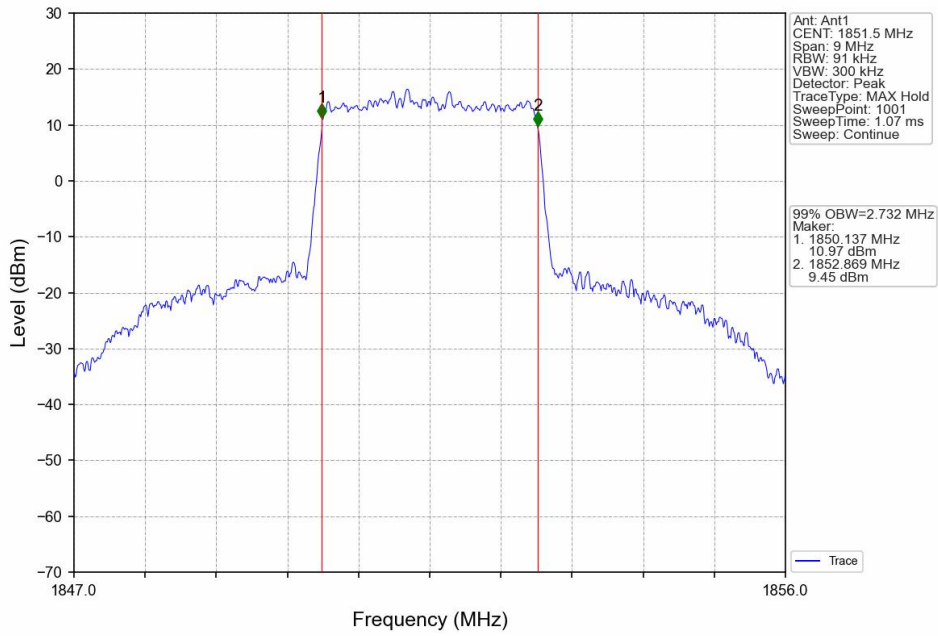
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



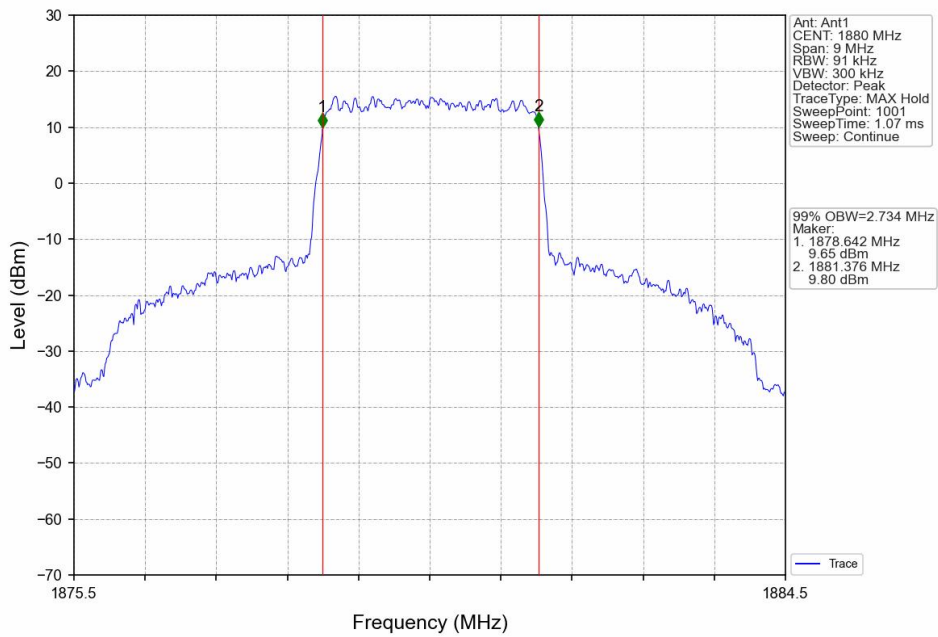
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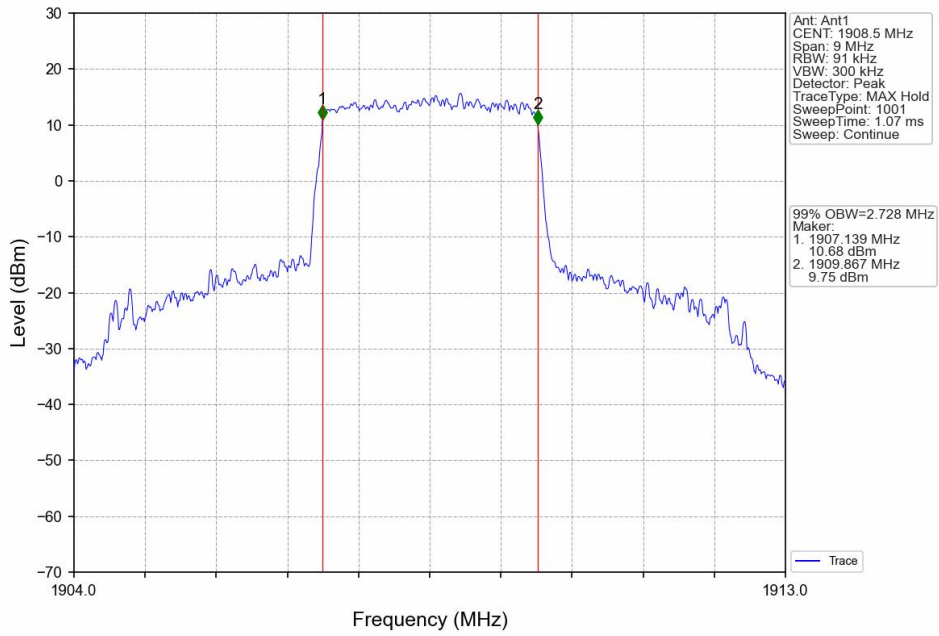
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



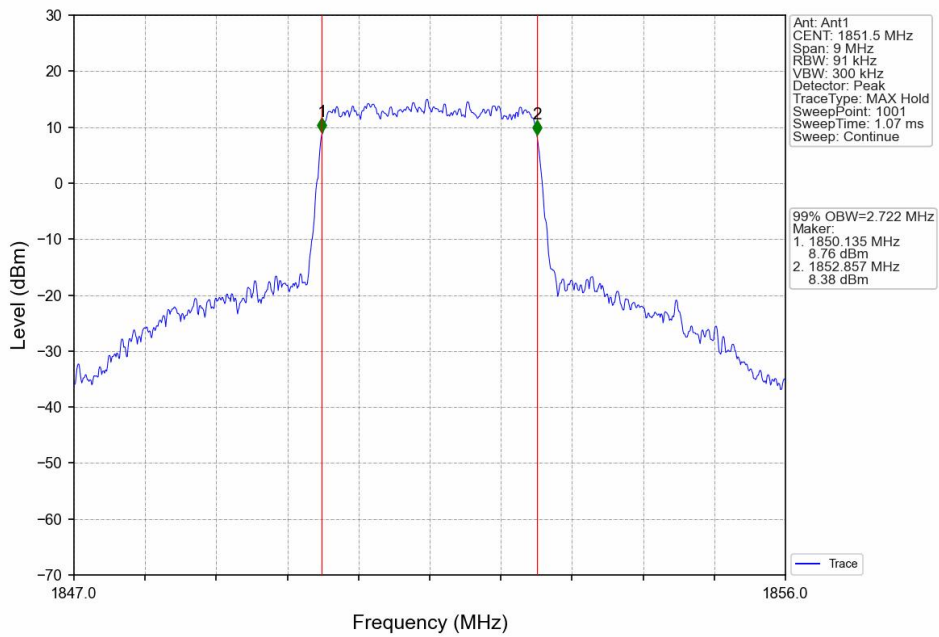
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



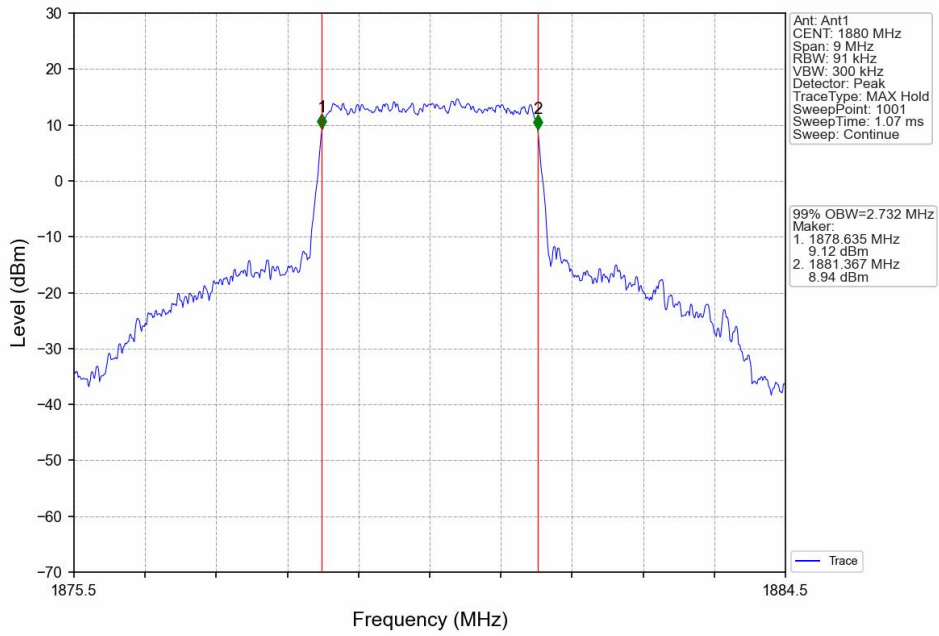
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



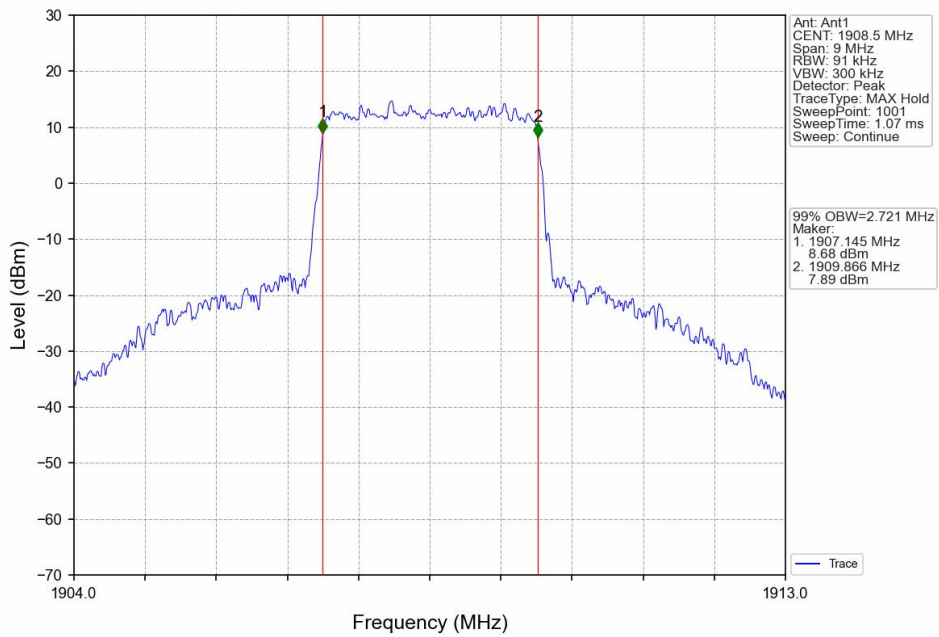
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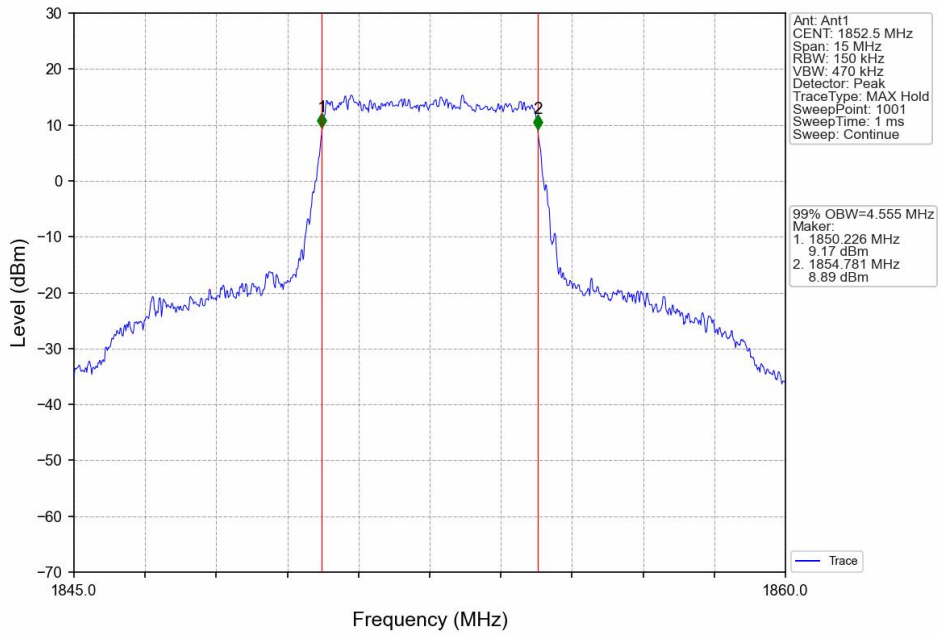
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



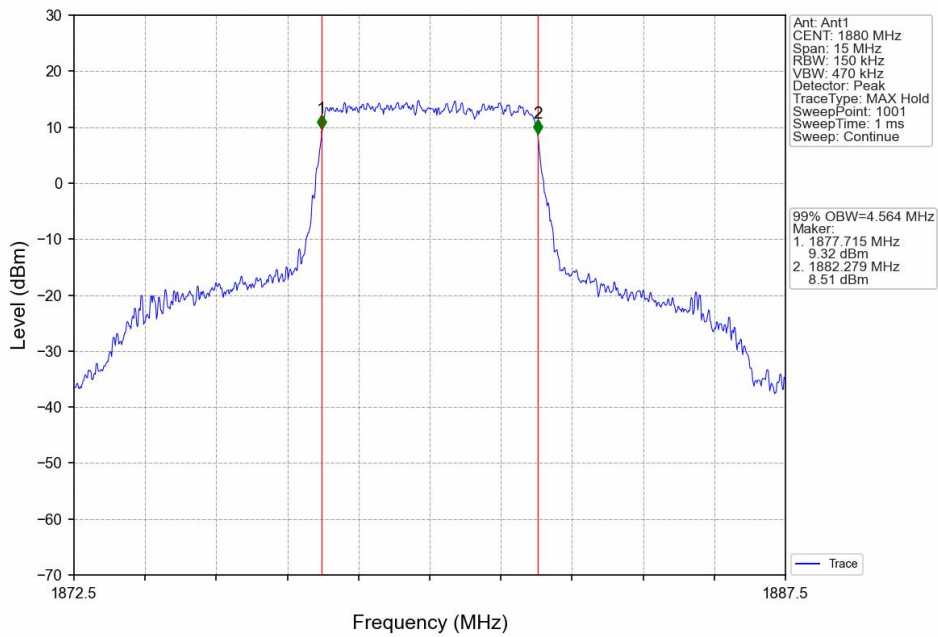
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



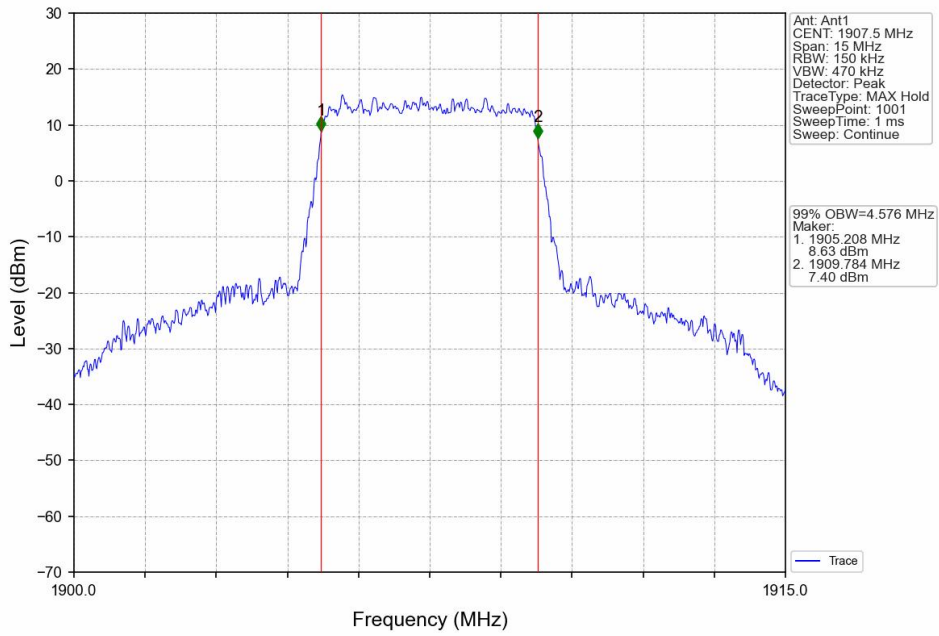
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



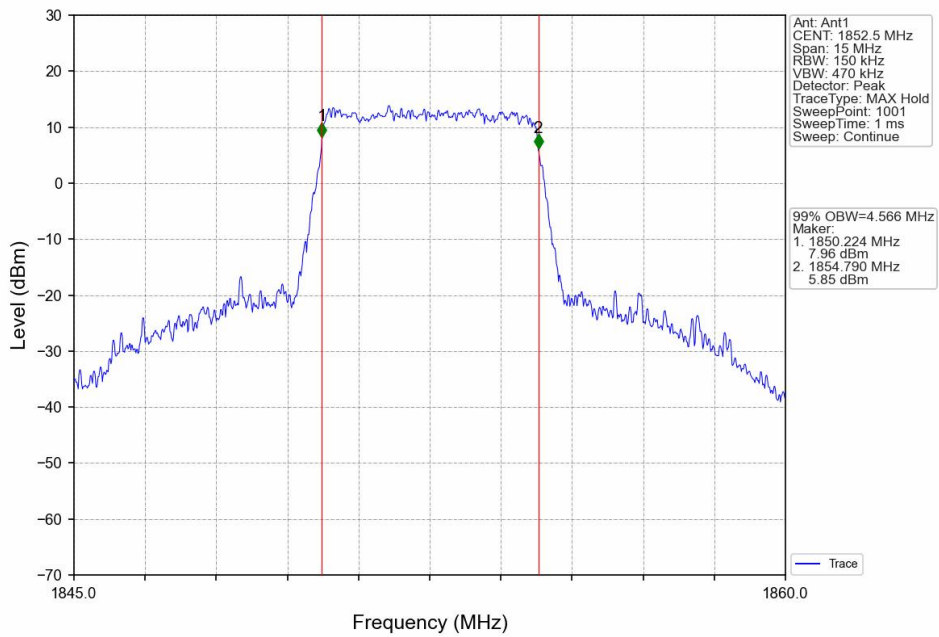
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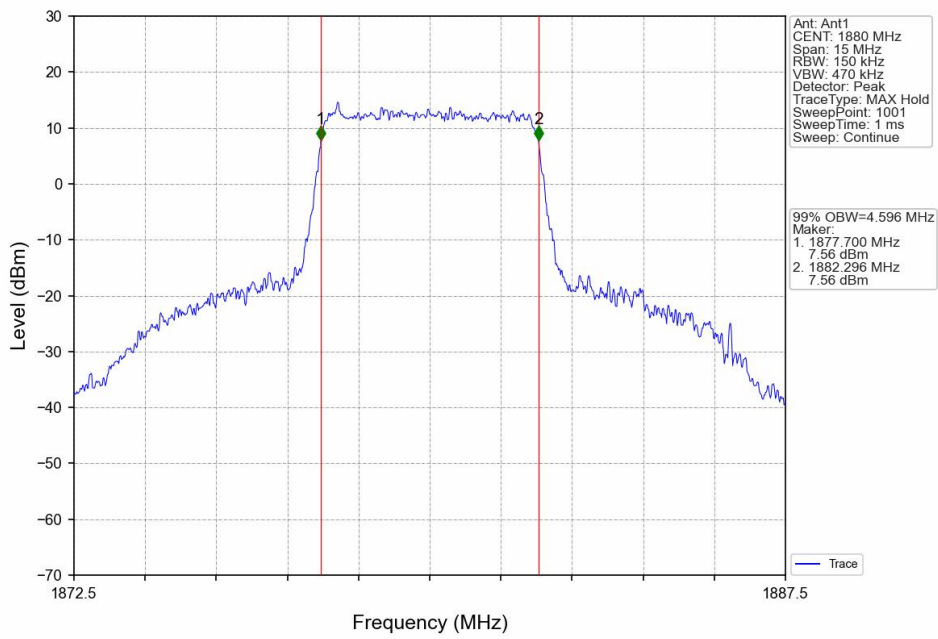
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



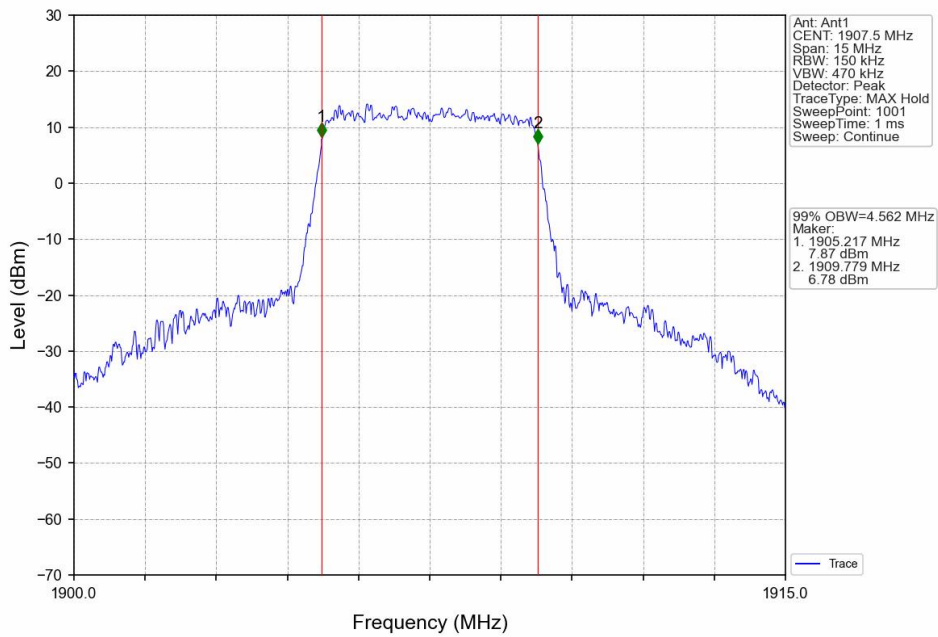
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



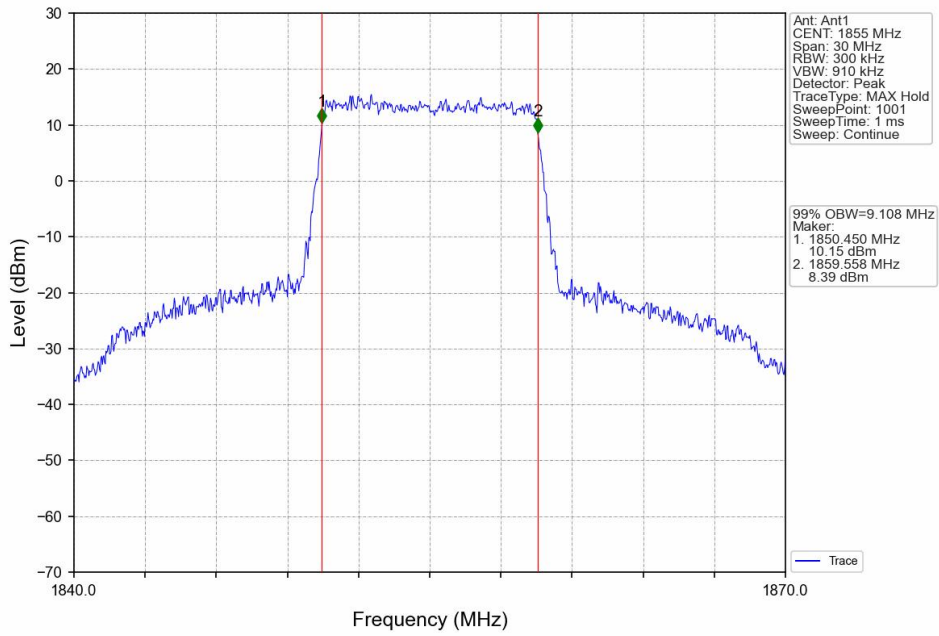
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



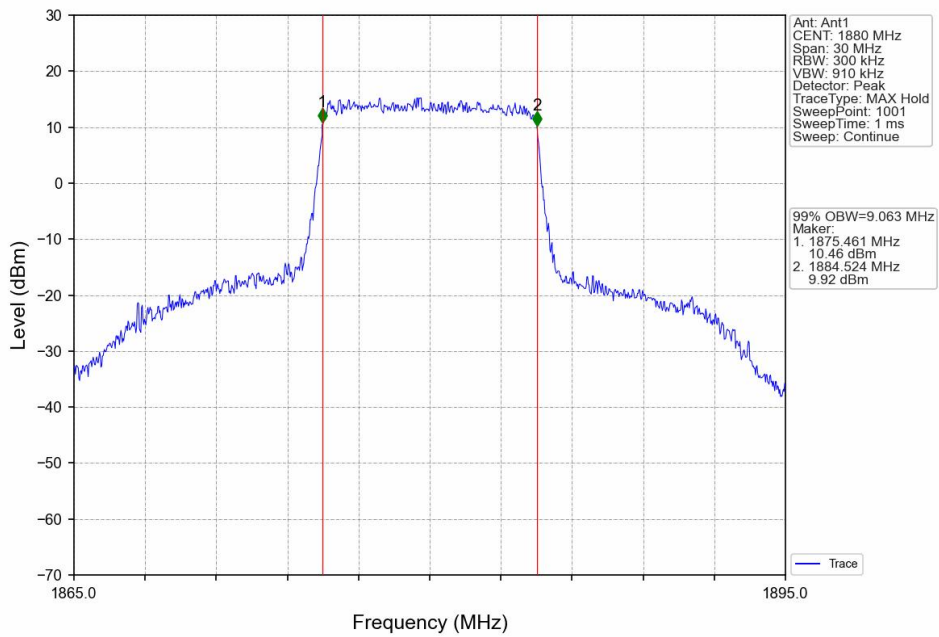
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



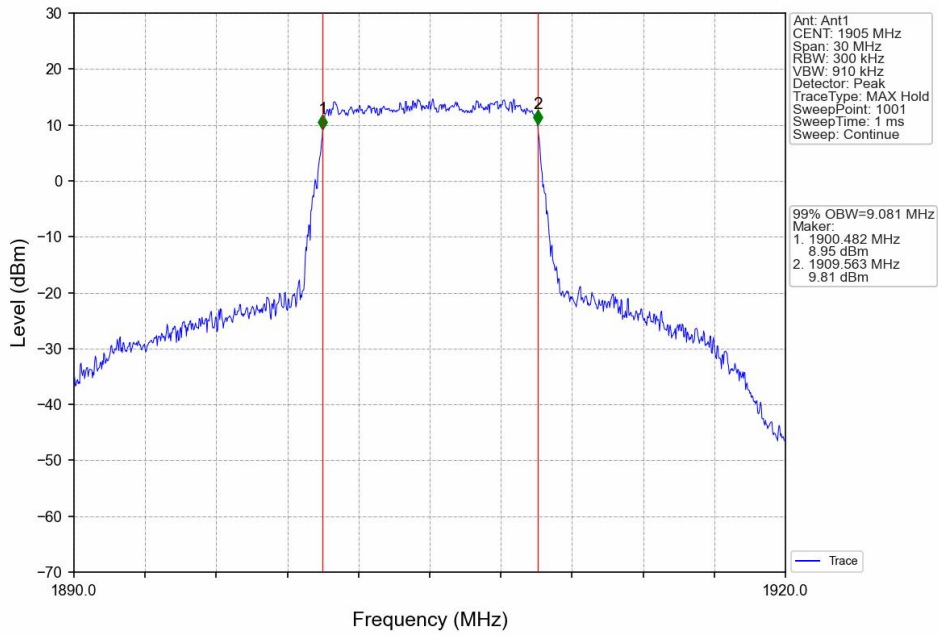
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



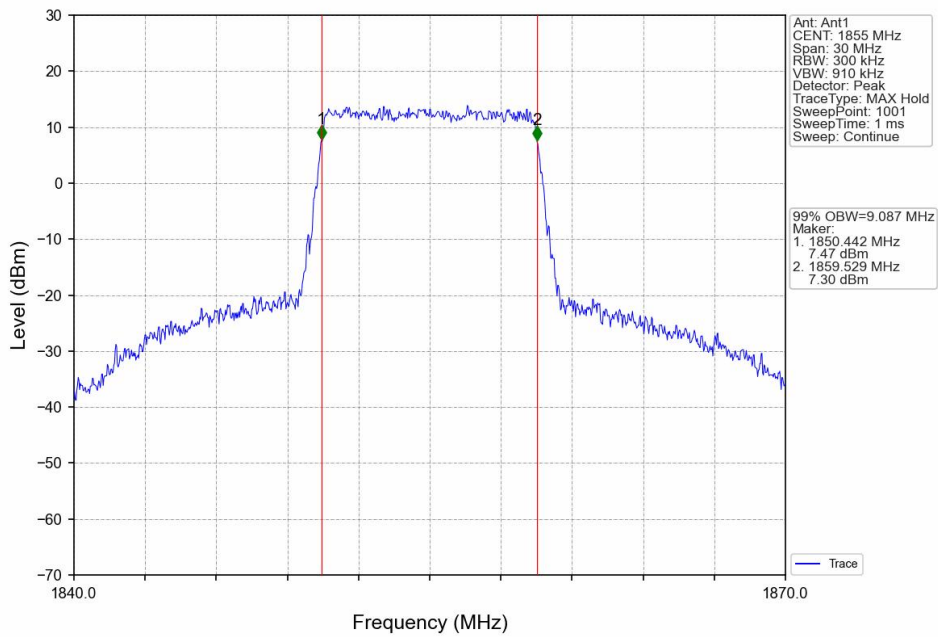
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



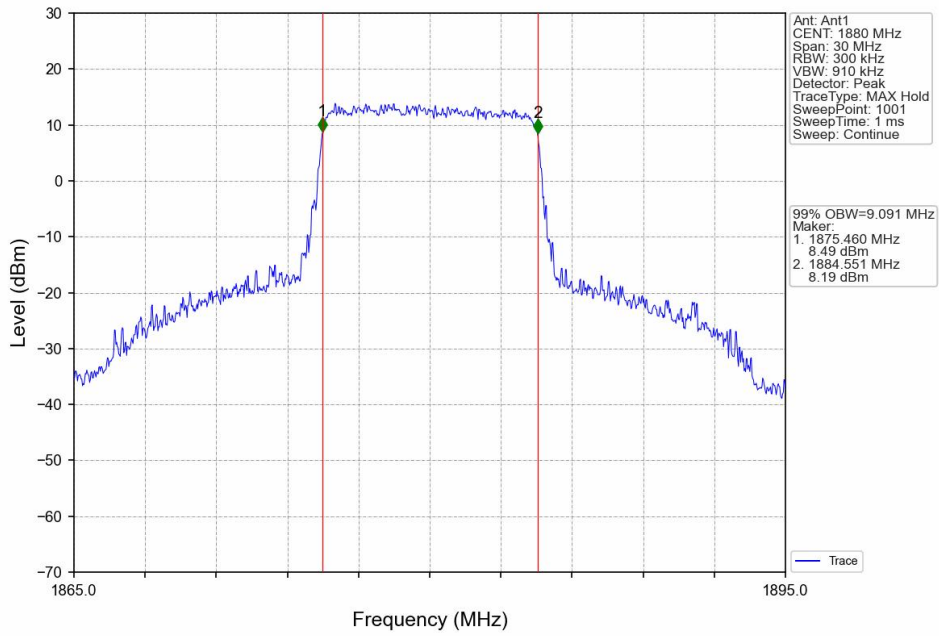
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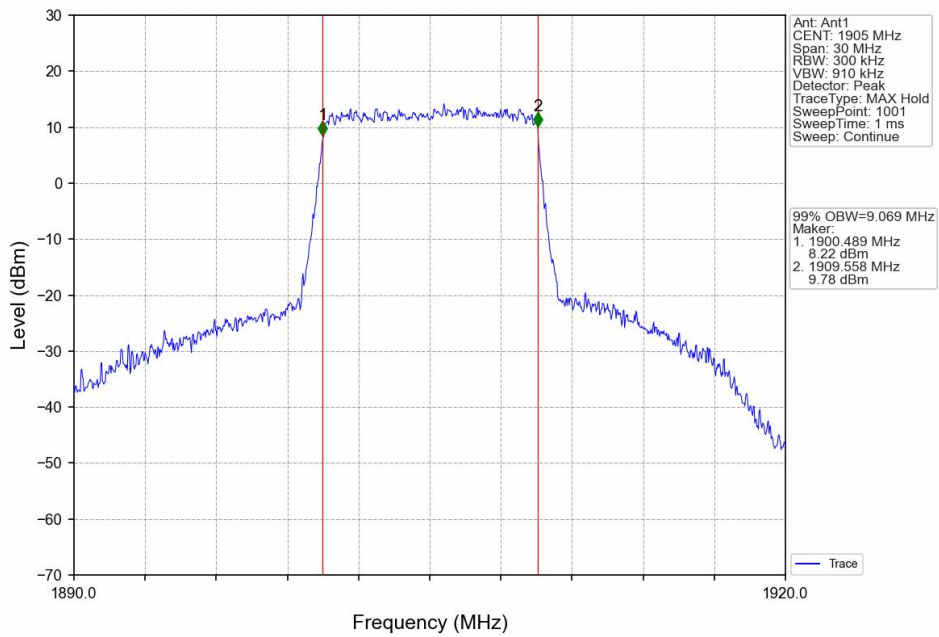
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



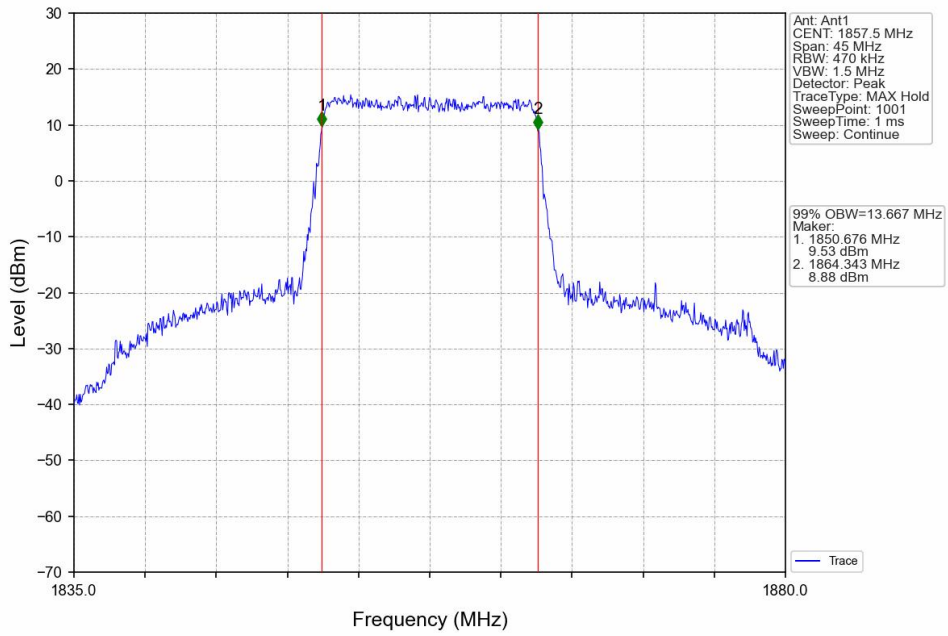
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



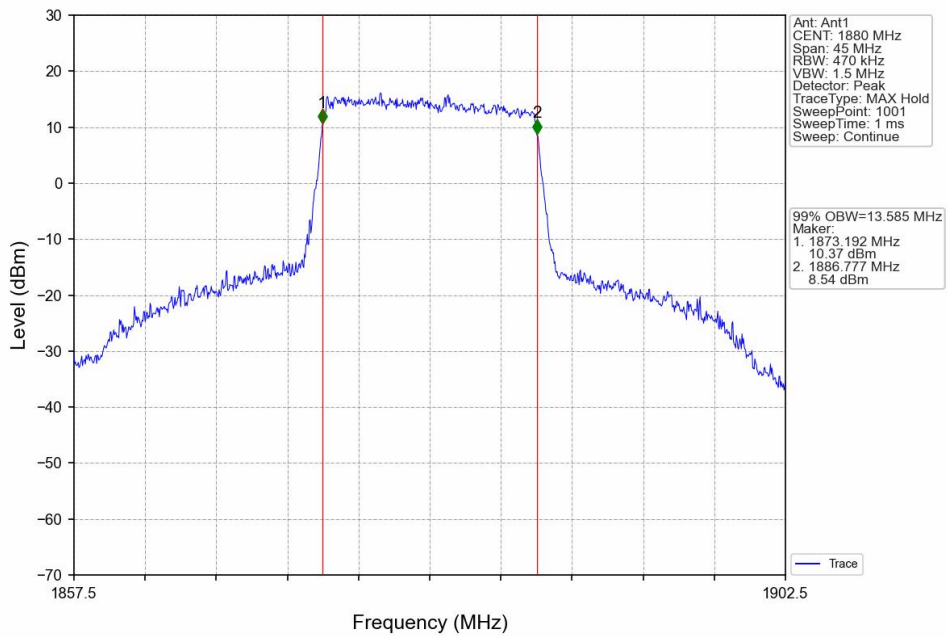
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



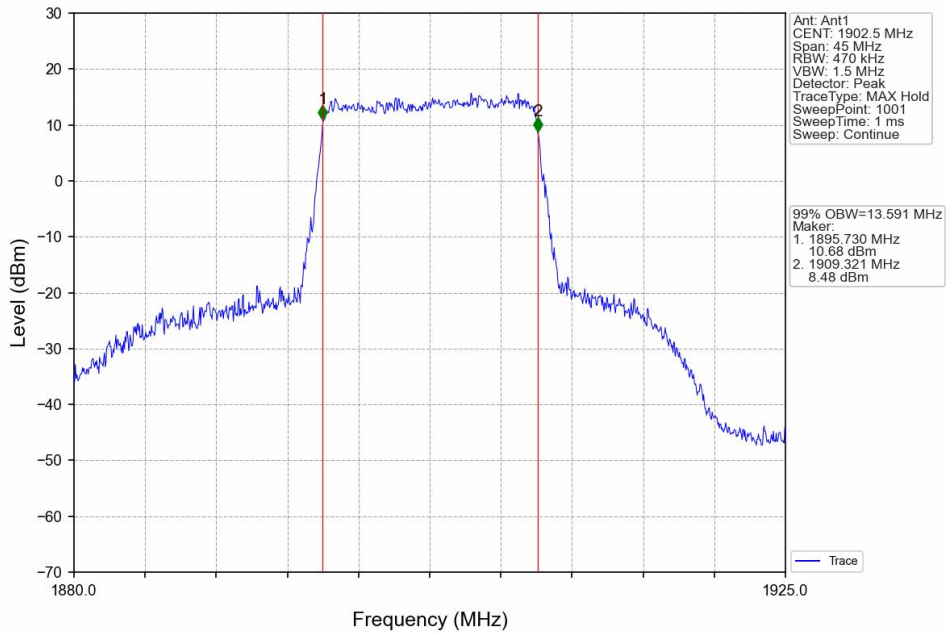
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



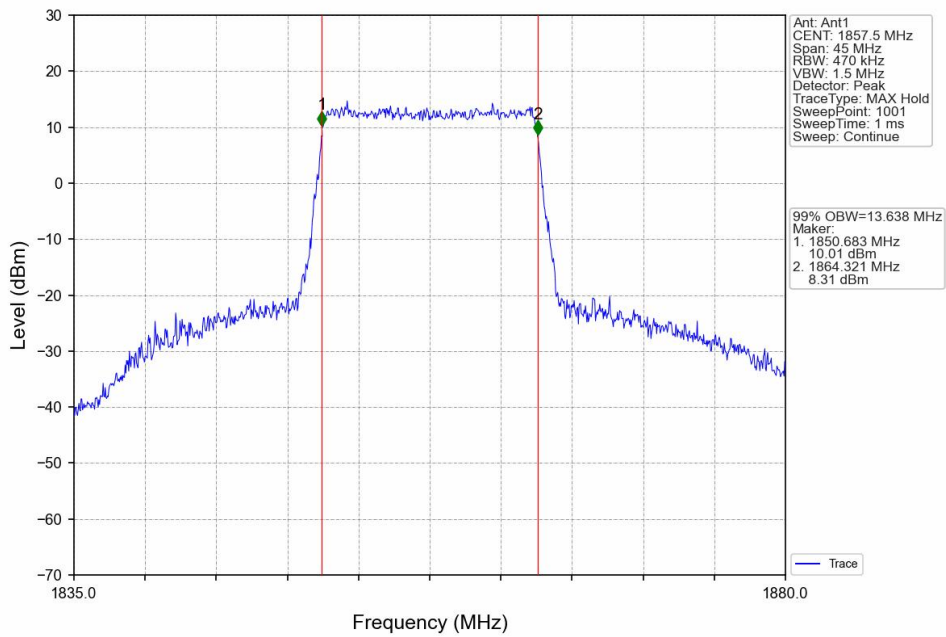
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



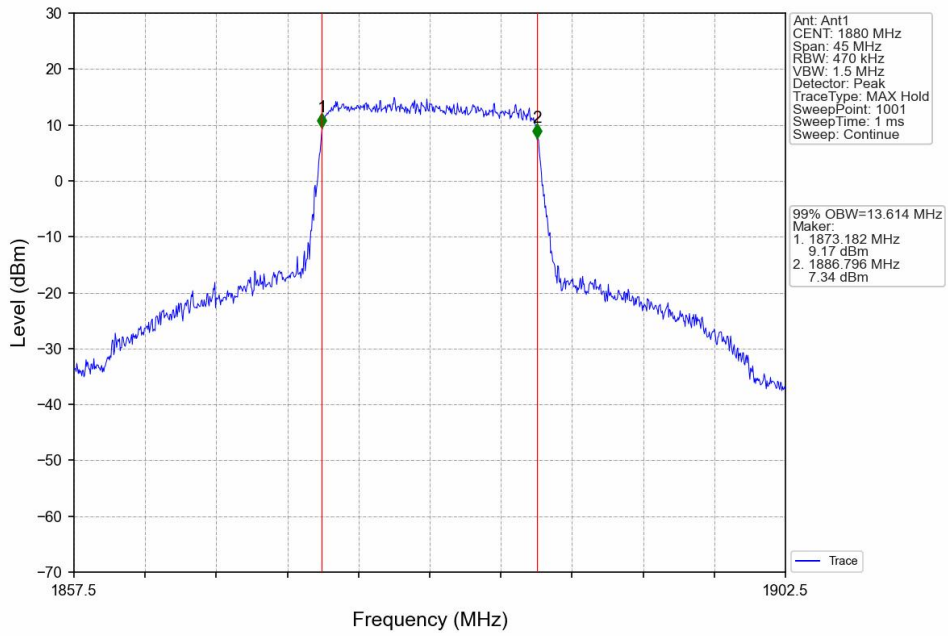
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



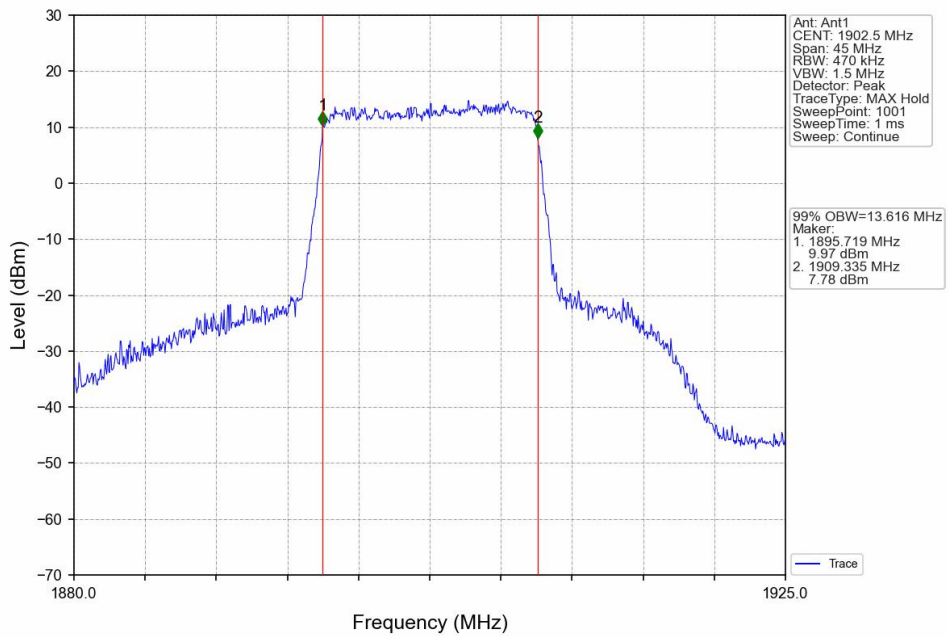
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



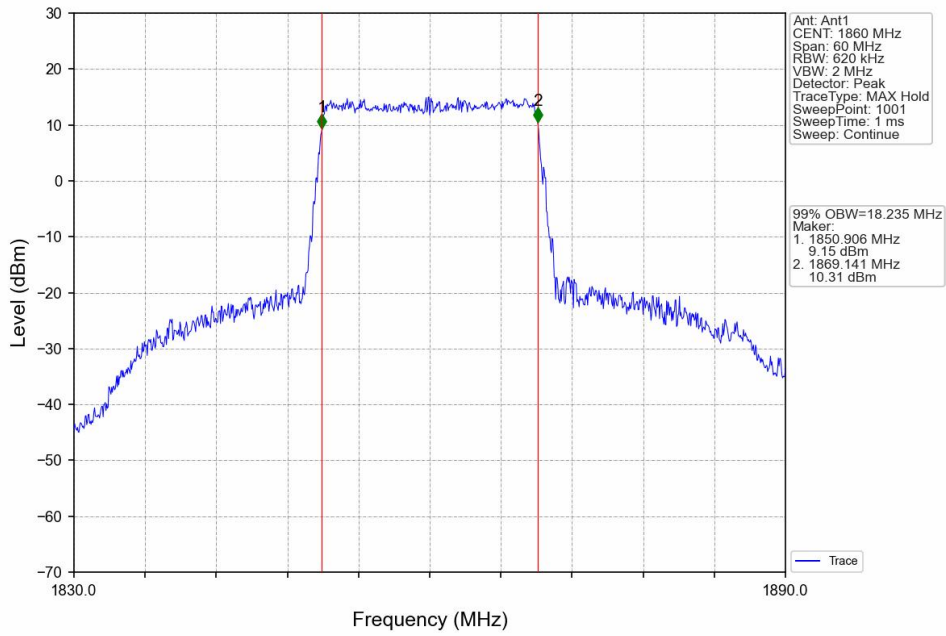
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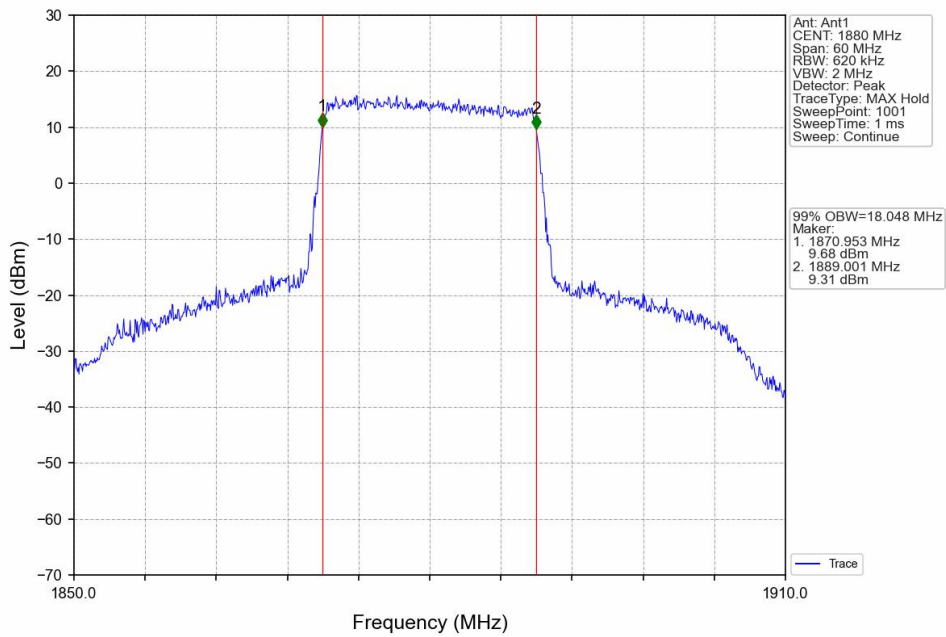
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



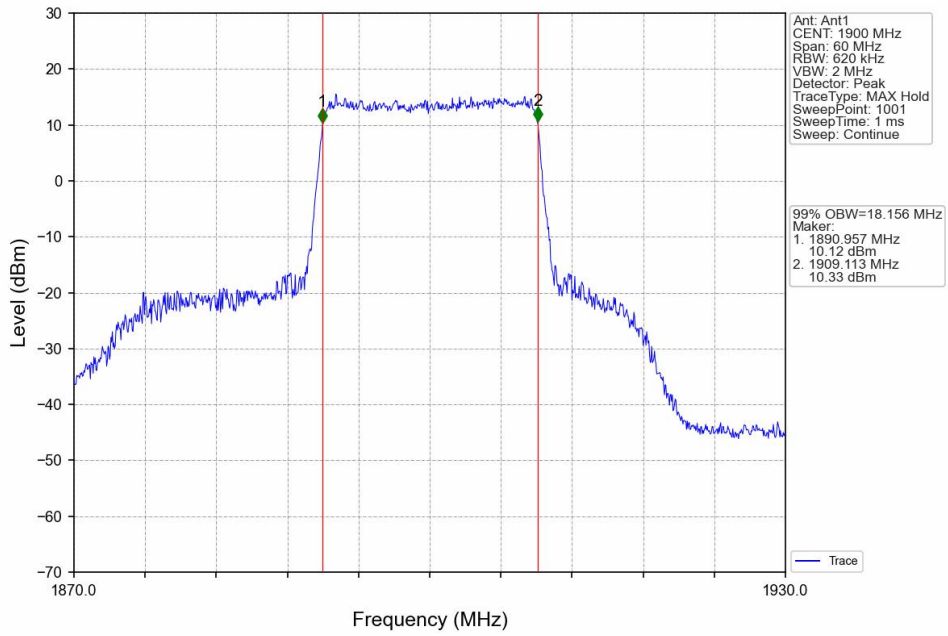
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



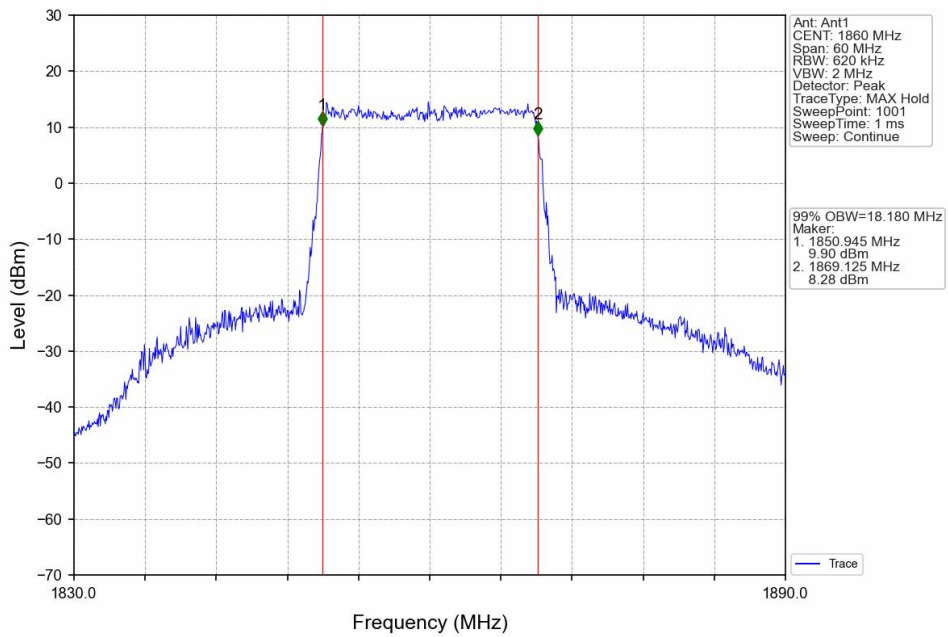
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



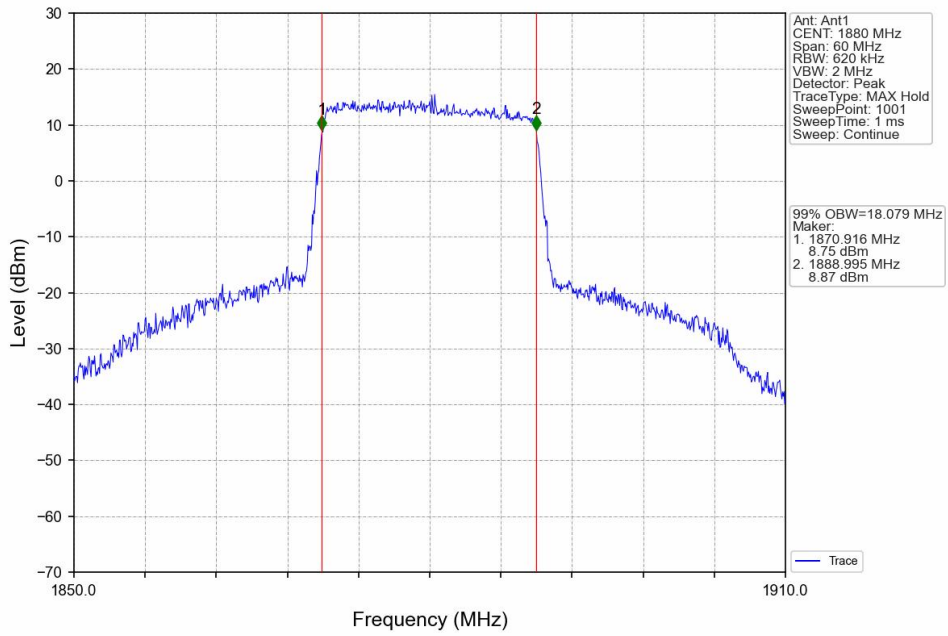
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



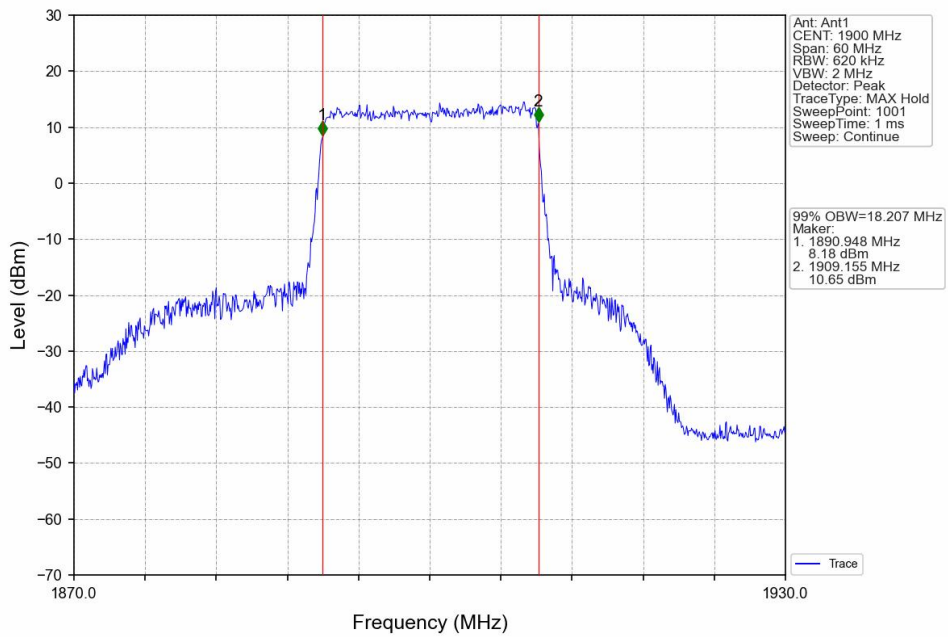
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

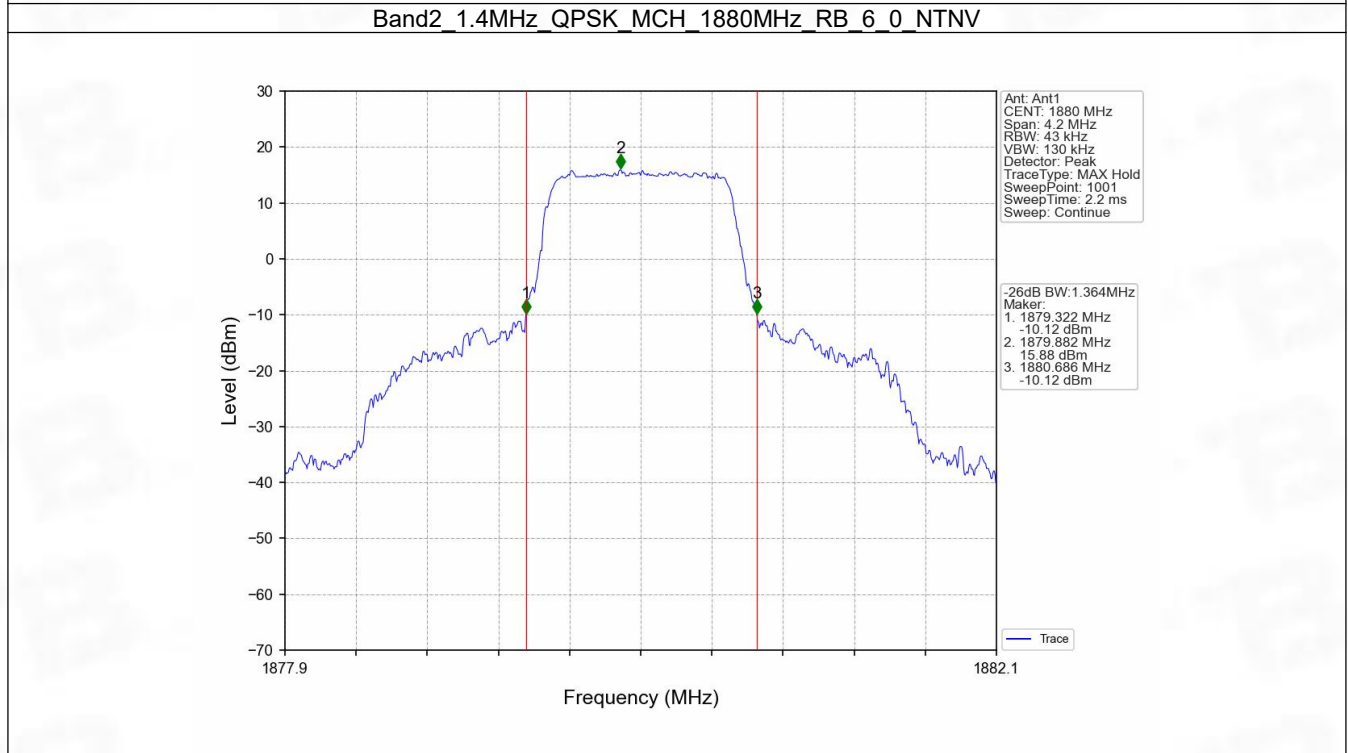
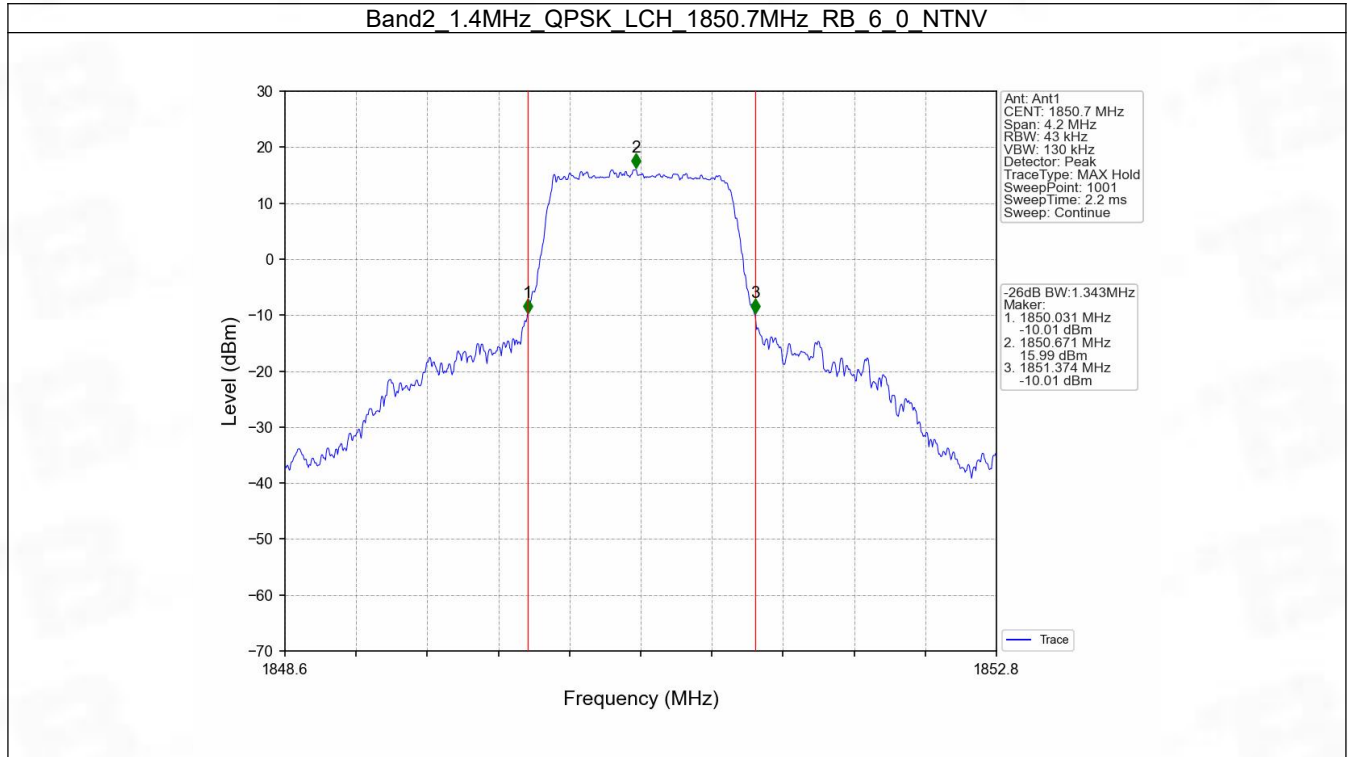


4.2 Band2_XDB

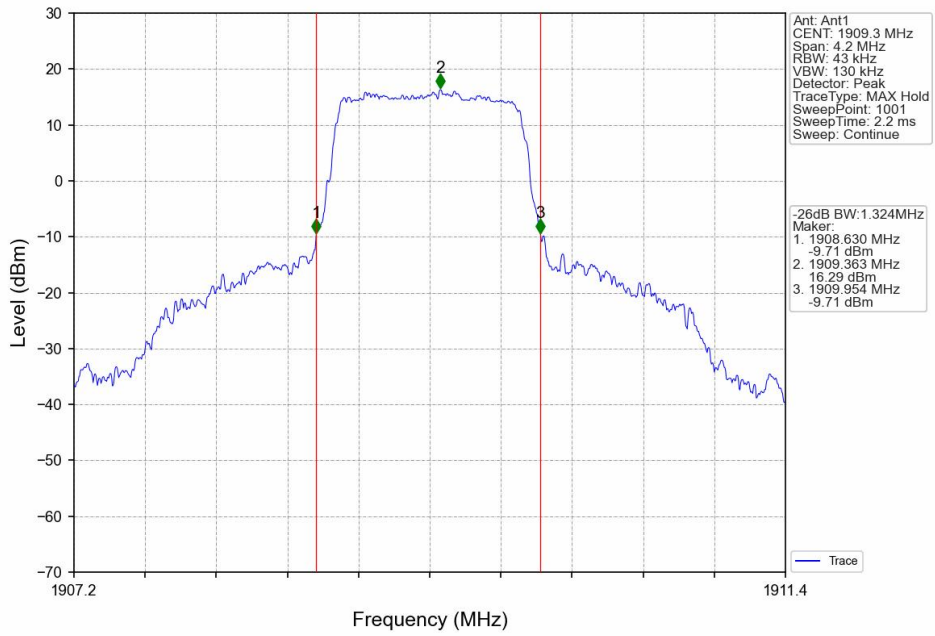
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.343	Pass
		1880	6	0	1.364	Pass
		1909.3	6	0	1.324	Pass
	16QAM	1850.7	6	0	1.305	Pass
		1880	6	0	1.334	Pass
		1909.3	6	0	1.311	Pass
3	QPSK	1851.5	15	0	2.998	Pass
		1880	15	0	3.004	Pass
		1908.5	15	0	2.999	Pass
	16QAM	1851.5	15	0	2.996	Pass
		1880	15	0	2.998	Pass
		1908.5	15	0	3.015	Pass
5	QPSK	1852.5	25	0	5.296	Pass
		1880	25	0	5.240	Pass
		1907.5	25	0	5.271	Pass
	16QAM	1852.5	25	0	5.305	Pass
		1880	25	0	5.273	Pass
		1907.5	25	0	5.305	Pass
10	QPSK	1855	50	0	10.202	Pass
		1880	50	0	10.321	Pass
		1905	50	0	10.257	Pass
	16QAM	1855	50	0	10.288	Pass
		1880	50	0	10.394	Pass
		1905	50	0	10.155	Pass
15	QPSK	1857.5	75	0	15.448	Pass
		1880	75	0	15.304	Pass
		1902.5	75	0	15.455	Pass
	16QAM	1857.5	75	0	15.230	Pass
		1880	75	0	15.194	Pass
		1902.5	75	0	15.251	Pass
20	QPSK	1860	100	0	20.511	Pass
		1880	100	0	20.109	Pass
		1900	100	0	20.076	Pass
	16QAM	1860	100	0	20.150	Pass
		1880	100	0	19.892	Pass
		1900	100	0	20.142	Pass

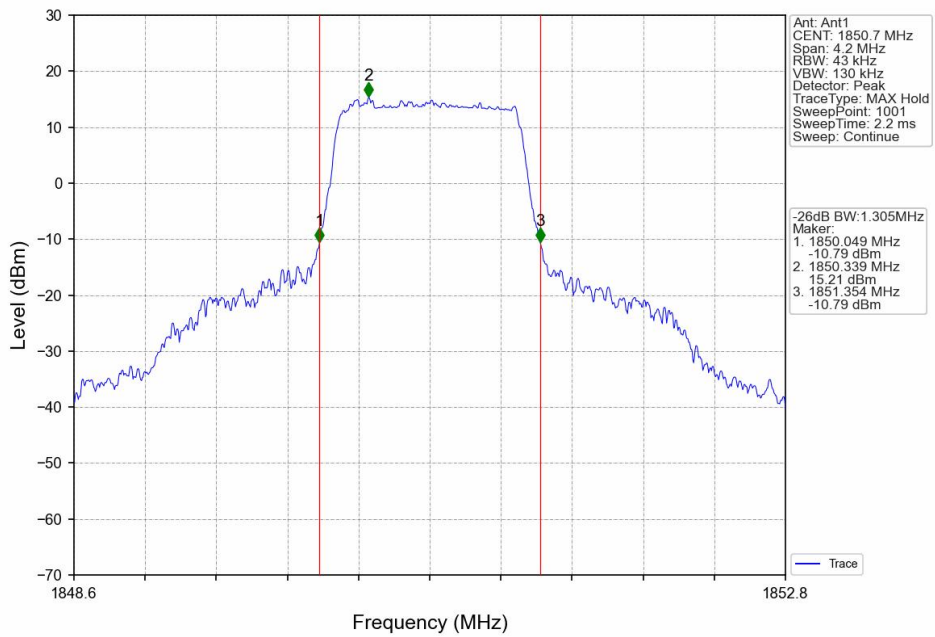
4.2.2 Test Graph



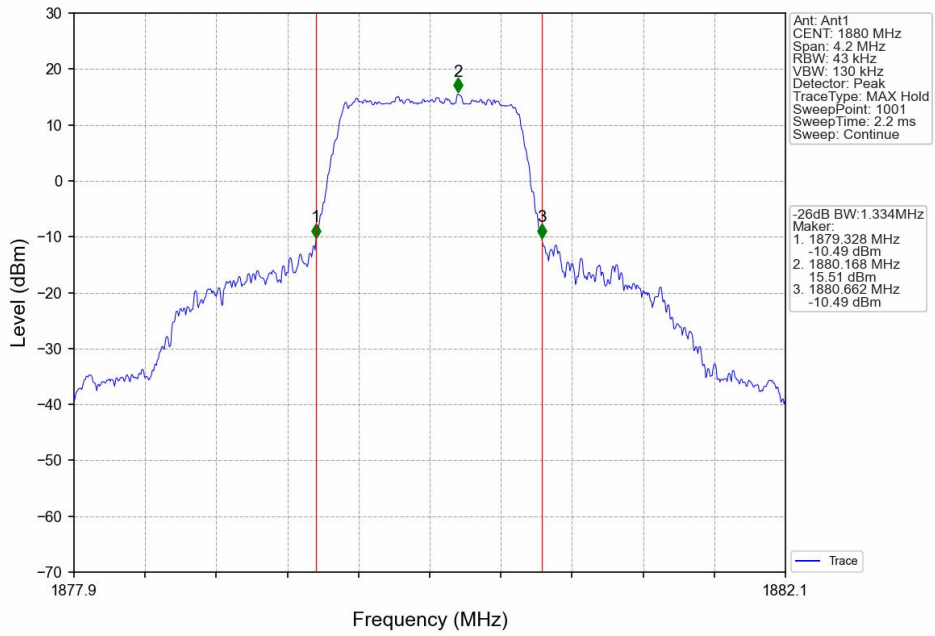
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



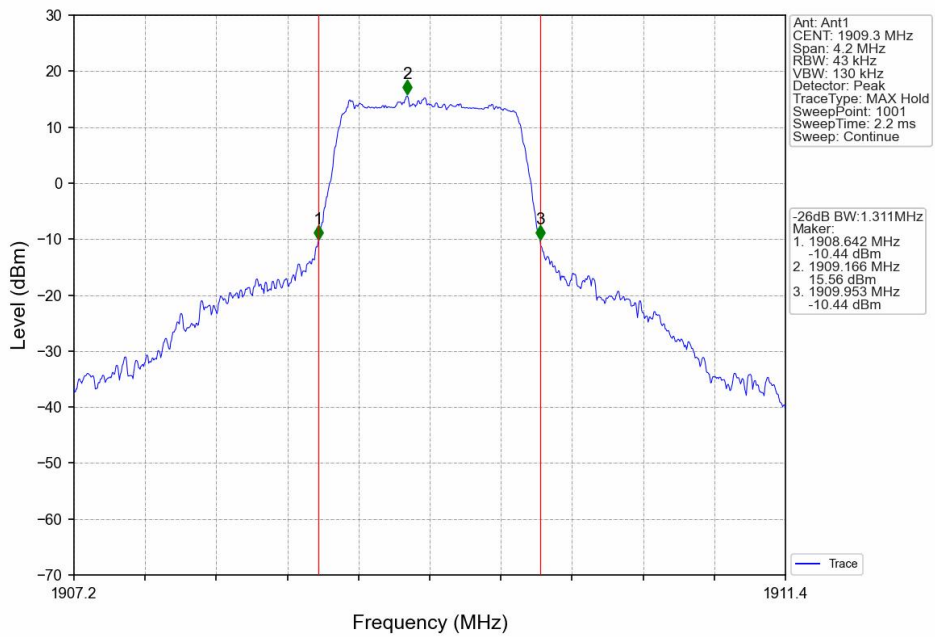
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



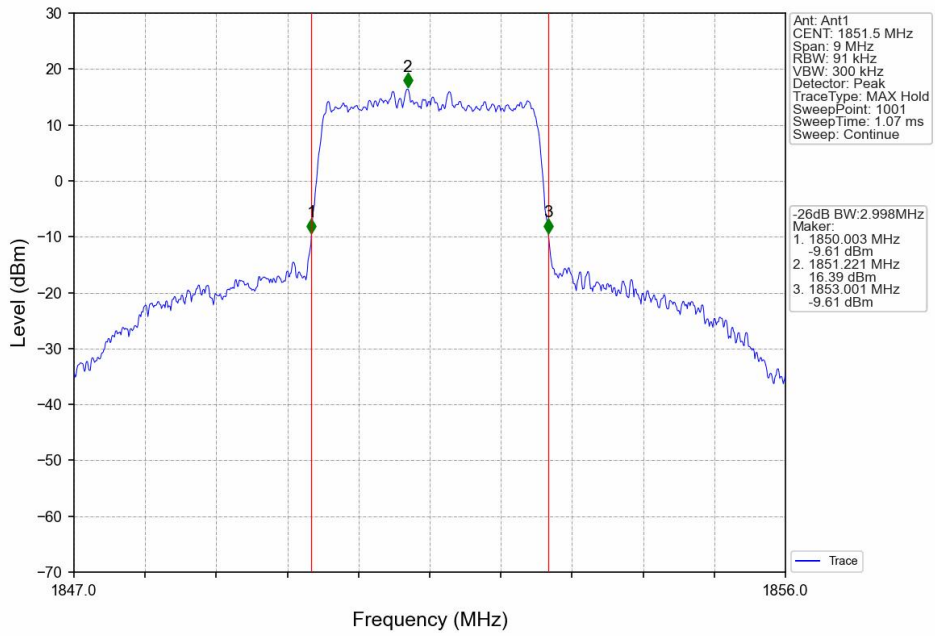
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



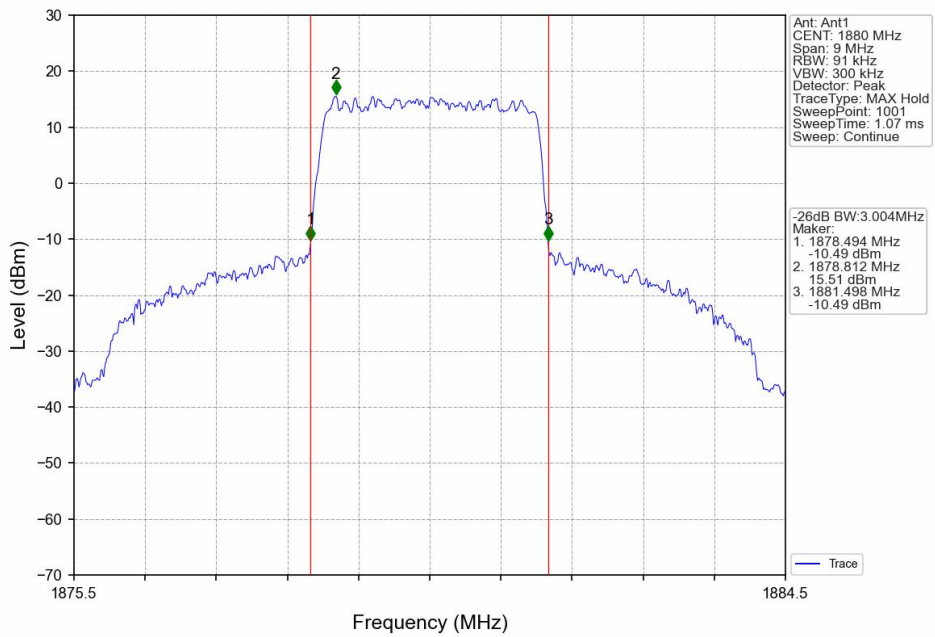
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



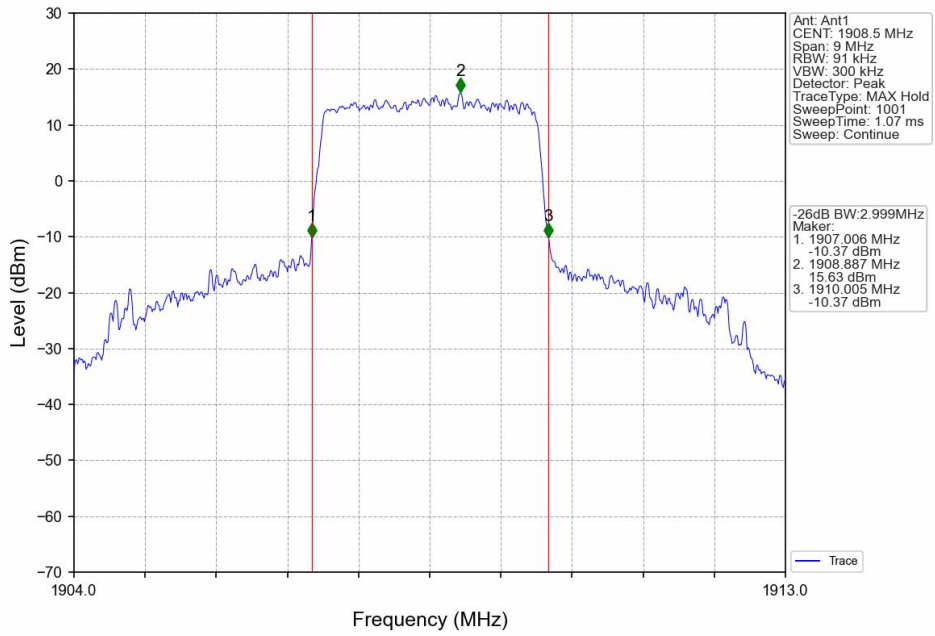
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



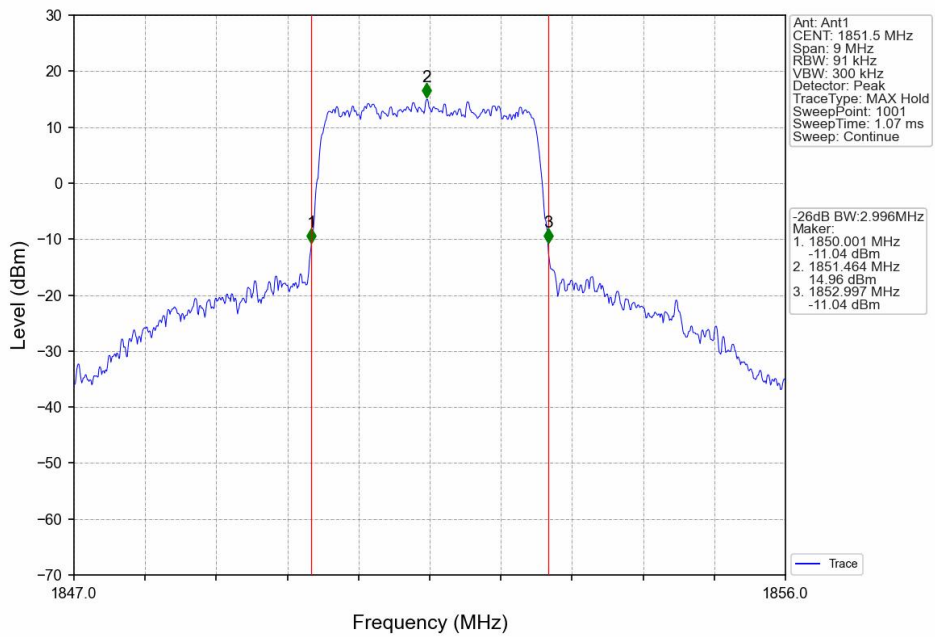
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



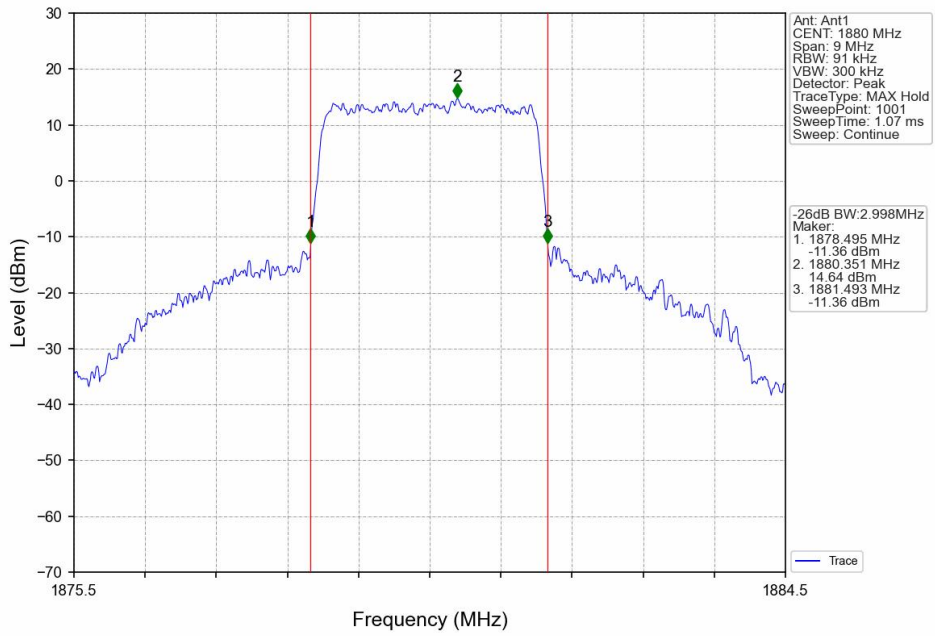
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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

