

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	20.74	0.00	20.74	<=33.01	Pass		
			2	20.84	0.00	20.84	<=33.01	Pass		
			5	20.77	0.00	20.77	<=33.01	Pass		
		3	0	20.83	0.00	20.83	<=33.01	Pass		
			2	20.88	0.00	20.88	<=33.01	Pass		
			3	20.84	0.00	20.84	<=33.01	Pass		
		6	0	19.82	0.00	19.82	<=33.01	Pass		
		1880	1	0	20.62	0.00	20.62	<=33.01	Pass	
				2	20.70	0.00	20.70	<=33.01	Pass	
	5			20.61	0.00	20.61	<=33.01	Pass		
	3		0	20.71	0.00	20.71	<=33.01	Pass		
			2	20.74	0.00	20.74	<=33.01	Pass		
			3	20.73	0.00	20.73	<=33.01	Pass		
	6		0	19.70	0.00	19.70	<=33.01	Pass		
	1909.3		1	0	20.91	0.00	20.91	<=33.01	Pass	
				2	21.07	0.00	21.07	<=33.01	Pass	
		5		20.95	0.00	20.95	<=33.01	Pass		
		3	0	21.00	0.00	21.00	<=33.01	Pass		
			2	21.00	0.00	21.00	<=33.01	Pass		
			3	21.02	0.00	21.02	<=33.01	Pass		
		6	0	19.97	0.00	19.97	<=33.01	Pass		
		16QAM	1850.7	1	0	19.88	0.00	19.88	<=33.01	Pass
					2	20.01	0.00	20.01	<=33.01	Pass
	5				19.85	0.00	19.85	<=33.01	Pass	
	3			0	19.82	0.00	19.82	<=33.01	Pass	
				2	19.80	0.00	19.80	<=33.01	Pass	
				3	19.86	0.00	19.86	<=33.01	Pass	
6	0			18.90	0.00	18.90	<=33.01	Pass		
1880	1			0	19.62	0.00	19.62	<=33.01	Pass	
				2	19.69	0.00	19.69	<=33.01	Pass	
			5	19.60	0.00	19.60	<=33.01	Pass		
	3		0	19.88	0.00	19.88	<=33.01	Pass		
			2	19.92	0.00	19.92	<=33.01	Pass		
			3	19.89	0.00	19.89	<=33.01	Pass		
	6		0	18.77	0.00	18.77	<=33.01	Pass		
	1909.3		1	0	19.87	0.00	19.87	<=33.01	Pass	
				2	20.03	0.00	20.03	<=33.01	Pass	
5				19.95	0.00	19.95	<=33.01	Pass		
3			0	20.08	0.00	20.08	<=33.01	Pass		
			2	20.10	0.00	20.10	<=33.01	Pass		
			3	20.06	0.00	20.06	<=33.01	Pass		
6			0	18.98	0.00	18.98	<=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	20.89	0.00	20.89	<=33.01	Pass		
			7	21.04	0.00	21.04	<=33.01	Pass		
			14	20.89	0.00	20.89	<=33.01	Pass		
		8	0	19.88	0.00	19.88	<=33.01	Pass		
			4	19.89	0.00	19.89	<=33.01	Pass		
			7	19.84	0.00	19.84	<=33.01	Pass		
		15	0	19.86	0.00	19.86	<=33.01	Pass		
		1880	1	0	20.77	0.00	20.77	<=33.01	Pass	
				7	20.93	0.00	20.93	<=33.01	Pass	
	14			20.79	0.00	20.79	<=33.01	Pass		
	8		0	19.78	0.00	19.78	<=33.01	Pass		
			4	19.81	0.00	19.81	<=33.01	Pass		
			7	19.77	0.00	19.77	<=33.01	Pass		
	15		0	19.77	0.00	19.77	<=33.01	Pass		
	1908.5		1	0	21.03	0.00	21.03	<=33.01	Pass	
				7	21.19	0.00	21.19	<=33.01	Pass	
		14		21.05	0.00	21.05	<=33.01	Pass		
		8	0	20.03	0.00	20.03	<=33.01	Pass		
			4	20.11	0.00	20.11	<=33.01	Pass		
			7	20.07	0.00	20.07	<=33.01	Pass		
		15	0	20.03	0.00	20.03	<=33.01	Pass		
		16QAM	1851.5	1	0	19.90	0.00	19.90	<=33.01	Pass
					7	20.04	0.00	20.04	<=33.01	Pass
	14				19.86	0.00	19.86	<=33.01	Pass	
	8			0	19.01	0.00	19.01	<=33.01	Pass	
				4	19.03	0.00	19.03	<=33.01	Pass	
				7	18.97	0.00	18.97	<=33.01	Pass	
15	0			18.98	0.00	18.98	<=33.01	Pass		
1880	1			0	19.91	0.00	19.91	<=33.01	Pass	
				7	20.06	0.00	20.06	<=33.01	Pass	
			14	19.93	0.00	19.93	<=33.01	Pass		
	8		0	18.81	0.00	18.81	<=33.01	Pass		
			4	18.86	0.00	18.86	<=33.01	Pass		
			7	18.81	0.00	18.81	<=33.01	Pass		
	15		0	18.82	0.00	18.82	<=33.01	Pass		
	1908.5		1	0	20.57	0.00	20.57	<=33.01	Pass	
				7	20.75	0.00	20.75	<=33.01	Pass	
14				20.60	0.00	20.60	<=33.01	Pass		
8			0	19.28	0.00	19.28	<=33.01	Pass		
			4	19.36	0.00	19.36	<=33.01	Pass		
			7	19.31	0.00	19.31	<=33.01	Pass		
15			0	19.20	0.00	19.20	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	20.75	0.00	20.75	<=33.01	Pass		
			13	20.82	0.00	20.82	<=33.01	Pass		
			24	20.68	0.00	20.68	<=33.01	Pass		
		12	0	19.75	0.00	19.75	<=33.01	Pass		
			6	19.76	0.00	19.76	<=33.01	Pass		
			13	19.64	0.00	19.64	<=33.01	Pass		
		25	0	19.73	0.00	19.73	<=33.01	Pass		
		1880	1	0	20.61	0.00	20.61	<=33.01	Pass	
				13	20.74	0.00	20.74	<=33.01	Pass	
	24			20.65	0.00	20.65	<=33.01	Pass		
	12		0	19.67	0.00	19.67	<=33.01	Pass		
			6	19.69	0.00	19.69	<=33.01	Pass		
			13	19.63	0.00	19.63	<=33.01	Pass		
	25		0	19.66	0.00	19.66	<=33.01	Pass		
	1907.5		1	0	20.84	0.00	20.84	<=33.01	Pass	
				13	21.02	0.00	21.02	<=33.01	Pass	
		24		20.96	0.00	20.96	<=33.01	Pass		
		12	0	19.91	0.00	19.91	<=33.01	Pass		
			6	19.99	0.00	19.99	<=33.01	Pass		
			13	19.94	0.00	19.94	<=33.01	Pass		
		25	0	19.96	0.00	19.96	<=33.01	Pass		
		16QAM	1852.5	1	0	19.79	0.00	19.79	<=33.01	Pass
					13	19.86	0.00	19.86	<=33.01	Pass
	24				19.72	0.00	19.72	<=33.01	Pass	
12	0			18.86	0.00	18.86	<=33.01	Pass		
	6			18.87	0.00	18.87	<=33.01	Pass		
	13			18.78	0.00	18.78	<=33.01	Pass		
25	0			18.82	0.00	18.82	<=33.01	Pass		
1880	1			0	19.81	0.00	19.81	<=33.01	Pass	
				13	19.99	0.00	19.99	<=33.01	Pass	
			24	19.93	0.00	19.93	<=33.01	Pass		
	12		0	18.80	0.00	18.80	<=33.01	Pass		
			6	18.86	0.00	18.86	<=33.01	Pass		
			13	18.76	0.00	18.76	<=33.01	Pass		
	25		0	18.74	0.00	18.74	<=33.01	Pass		
	1907.5		1	0	19.66	0.00	19.66	<=33.01	Pass	
				13	19.85	0.00	19.85	<=33.01	Pass	
24				19.78	0.00	19.78	<=33.01	Pass		
12			0	19.05	0.00	19.05	<=33.01	Pass		
			6	19.09	0.00	19.09	<=33.01	Pass		
			13	19.04	0.00	19.04	<=33.01	Pass		
25			0	19.07	0.00	19.07	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	20.76	0.00	20.76	<=33.01	Pass		
			25	20.95	0.00	20.95	<=33.01	Pass		
			49	20.70	0.00	20.70	<=33.01	Pass		
		25	0	19.88	0.00	19.88	<=33.01	Pass		
			13	19.78	0.00	19.78	<=33.01	Pass		
			25	19.73	0.00	19.73	<=33.01	Pass		
		50	0	19.86	0.00	19.86	<=33.01	Pass		
		1880	1	0	20.61	0.00	20.61	<=33.01	Pass	
				25	20.90	0.00	20.90	<=33.01	Pass	
	49			20.74	0.00	20.74	<=33.01	Pass		
	25		0	19.80	0.00	19.80	<=33.01	Pass		
			13	19.78	0.00	19.78	<=33.01	Pass		
			25	19.73	0.00	19.73	<=33.01	Pass		
	50		0	19.76	0.00	19.76	<=33.01	Pass		
	1905		1	0	20.89	0.00	20.89	<=33.01	Pass	
				25	21.11	0.00	21.11	<=33.01	Pass	
		49		20.98	0.00	20.98	<=33.01	Pass		
		25	0	19.99	0.00	19.99	<=33.01	Pass		
			13	19.94	0.00	19.94	<=33.01	Pass		
			25	19.97	0.00	19.97	<=33.01	Pass		
		50	0	19.98	0.00	19.98	<=33.01	Pass		
		16QAM	1855	1	0	19.72	0.00	19.72	<=33.01	Pass
					25	19.92	0.00	19.92	<=33.01	Pass
	49				19.63	0.00	19.63	<=33.01	Pass	
25	0			19.04	0.00	19.04	<=33.01	Pass		
	13			18.94	0.00	18.94	<=33.01	Pass		
	25			18.91	0.00	18.91	<=33.01	Pass		
50	0			18.90	0.00	18.90	<=33.01	Pass		
1880	1			0	19.74	0.00	19.74	<=33.01	Pass	
				25	20.04	0.00	20.04	<=33.01	Pass	
			49	19.88	0.00	19.88	<=33.01	Pass		
	25		0	18.89	0.00	18.89	<=33.01	Pass		
			13	18.86	0.00	18.86	<=33.01	Pass		
			25	18.84	0.00	18.84	<=33.01	Pass		
	50		0	18.84	0.00	18.84	<=33.01	Pass		
	1905		1	0	20.19	0.00	20.19	<=33.01	Pass	
				25	20.54	0.00	20.54	<=33.01	Pass	
49				20.50	0.00	20.50	<=33.01	Pass		
25			0	19.08	0.00	19.08	<=33.01	Pass		
			13	19.09	0.00	19.09	<=33.01	Pass		
			25	19.09	0.00	19.09	<=33.01	Pass		
50			0	19.06	0.00	19.06	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	20.56	0.00	20.56	<=33.01	Pass		
			38	20.74	0.00	20.74	<=33.01	Pass		
			74	20.48	0.00	20.48	<=33.01	Pass		
		36	0	19.75	0.00	19.75	<=33.01	Pass		
			18	19.73	0.00	19.73	<=33.01	Pass		
			39	19.76	0.00	19.76	<=33.01	Pass		
		75	0	19.77	0.00	19.77	<=33.01	Pass		
		1880	1	0	20.46	0.00	20.46	<=33.01	Pass	
				38	20.73	0.00	20.73	<=33.01	Pass	
	74			20.57	0.00	20.57	<=33.01	Pass		
	36		0	19.72	0.00	19.72	<=33.01	Pass		
			18	19.73	0.00	19.73	<=33.01	Pass		
			39	19.68	0.00	19.68	<=33.01	Pass		
	75		0	19.73	0.00	19.73	<=33.01	Pass		
	1902.5		1	0	20.75	0.00	20.75	<=33.01	Pass	
				38	20.92	0.00	20.92	<=33.01	Pass	
		74		20.80	0.00	20.80	<=33.01	Pass		
		36	0	19.96	0.00	19.96	<=33.01	Pass		
			18	20.00	0.00	20.00	<=33.01	Pass		
			39	19.90	0.00	19.90	<=33.01	Pass		
		75	0	19.93	0.00	19.93	<=33.01	Pass		
		16QAM	1857.5	1	0	20.00	0.00	20.00	<=33.01	Pass
					38	20.06	0.00	20.06	<=33.01	Pass
	74				19.65	0.00	19.65	<=33.01	Pass	
36	0			18.81	0.00	18.81	<=33.01	Pass		
	18			18.80	0.00	18.80	<=33.01	Pass		
	39			18.78	0.00	18.78	<=33.01	Pass		
75	0			18.77	0.00	18.77	<=33.01	Pass		
1880	1			0	19.51	0.00	19.51	<=33.01	Pass	
				38	19.85	0.00	19.85	<=33.01	Pass	
			74	19.70	0.00	19.70	<=33.01	Pass		
	36		0	18.81	0.00	18.81	<=33.01	Pass		
			18	18.81	0.00	18.81	<=33.01	Pass		
			39	18.80	0.00	18.80	<=33.01	Pass		
	75		0	18.80	0.00	18.80	<=33.01	Pass		
	1902.5		1	0	20.00	0.00	20.00	<=33.01	Pass	
				38	20.32	0.00	20.32	<=33.01	Pass	
74				20.38	0.00	20.38	<=33.01	Pass		
36			0	18.95	0.00	18.95	<=33.01	Pass		
			18	19.05	0.00	19.05	<=33.01	Pass		
			39	18.99	0.00	18.99	<=33.01	Pass		
75			0	18.93	0.00	18.93	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1860	1	0	20.39	0.00	20.39	<=33.01	Pass		
			50	20.82	0.00	20.82	<=33.01	Pass		
			99	20.29	0.00	20.29	<=33.01	Pass		
		50	0	19.77	0.00	19.77	<=33.01	Pass		
			25	19.67	0.00	19.67	<=33.01	Pass		
			50	19.74	0.00	19.74	<=33.01	Pass		
		100	0	19.76	0.00	19.76	<=33.01	Pass		
		1880	1	0	20.30	0.00	20.30	<=33.01	Pass	
				50	20.89	0.00	20.89	<=33.01	Pass	
	99			20.47	0.00	20.47	<=33.01	Pass		
	50		0	19.71	0.00	19.71	<=33.01	Pass		
			25	19.68	0.00	19.68	<=33.01	Pass		
			50	19.67	0.00	19.67	<=33.01	Pass		
	100		0	19.73	0.00	19.73	<=33.01	Pass		
	1900		1	0	20.44	0.00	20.44	<=33.01	Pass	
				50	21.07	0.00	21.07	<=33.01	Pass	
		99		20.66	0.00	20.66	<=33.01	Pass		
		50	0	19.71	0.00	19.71	<=33.01	Pass		
			25	19.84	0.00	19.84	<=33.01	Pass		
			50	19.81	0.00	19.81	<=33.01	Pass		
		100	0	19.81	0.00	19.81	<=33.01	Pass		
		16QAM	1860	1	0	19.94	0.00	19.94	<=33.01	Pass
					50	20.25	0.00	20.25	<=33.01	Pass
	99				19.66	0.00	19.66	<=33.01	Pass	
50	0			18.86	0.00	18.86	<=33.01	Pass		
	25			18.71	0.00	18.71	<=33.01	Pass		
	50			18.73	0.00	18.73	<=33.01	Pass		
100	0			18.80	0.00	18.80	<=33.01	Pass		
1880	1			0	19.36	0.00	19.36	<=33.01	Pass	
				50	20.02	0.00	20.02	<=33.01	Pass	
			99	19.60	0.00	19.60	<=33.01	Pass		
	50		0	18.76	0.00	18.76	<=33.01	Pass		
			25	18.75	0.00	18.75	<=33.01	Pass		
			50	18.77	0.00	18.77	<=33.01	Pass		
	100		0	18.75	0.00	18.75	<=33.01	Pass		
	1900		1	0	19.64	0.00	19.64	<=33.01	Pass	
				50	20.16	0.00	20.16	<=33.01	Pass	
99				19.93	0.00	19.93	<=33.01	Pass		
50			0	18.75	0.00	18.75	<=33.01	Pass		
			25	18.86	0.00	18.86	<=33.01	Pass		
			50	18.87	0.00	18.87	<=33.01	Pass		
100			0	18.86	0.00	18.86	<=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	-6.566	-0.0035	-2.5 to 2.5	Pass
					3.85	-8.354	-0.0045	-2.5 to 2.5	Pass
					4.43	-11.802	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-8.826	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-10.200	-0.0055	-2.5 to 2.5	Pass
	40	3.85	-5.722	-0.0031	-2.5 to 2.5	Pass			
	50	3.85	-9.055	-0.0049	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-8.955	-0.0048	-2.5 to 2.5	Pass
					3.85	1.073	0.0006	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
	40	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass			
	50	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-8.855	-0.0046	-2.5 to 2.5	Pass
					3.85	-8.125	-0.0043	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.639	-0.0040	-2.5 to 2.5	Pass
-10				3.85	-9.770	-0.0051	-2.5 to 2.5	Pass	
0				3.85	-9.456	-0.0050	-2.5 to 2.5	Pass	
10				3.85	-11.330	-0.0059	-2.5 to 2.5	Pass	
30				3.85	-5.736	-0.0030	-2.5 to 2.5	Pass	
40	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass				
50	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-6.595	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0038	-2.5 to 2.5	Pass
					4.43	-8.297	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-8.039	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.582	-0.0041	-2.5 to 2.5	Pass
	40	3.85	-5.279	-0.0029	-2.5 to 2.5	Pass			
	50	3.85	-10.543	-0.0057	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-2.747	-0.0015	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
10				3.85	-8.211	-0.0044	-2.5 to 2.5	Pass	
30				3.85	-8.240	-0.0044	-2.5 to 2.5	Pass	

	1909.3	6	0	40	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				20	3.27	-2.475	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.194	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.955	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-11.101	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass

2.2 B2_3MHz

2.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-8.483	-0.0046	-2.5 to 2.5	Pass
					3.85	-14.548	-0.0079	-2.5 to 2.5	Pass
					4.43	-9.756	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-11.058	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-11.330	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-39.768	-0.0215	-2.5 to 2.5	Pass
				0	3.85	-23.189	-0.0125	-2.5 to 2.5	Pass
				10	3.85	-16.565	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-13.633	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-11.215	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-13.719	-0.0074	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	-5.722
	3.85	-7.167	-0.0038					-2.5 to 2.5	Pass
	4.43	-5.379	-0.0029					-2.5 to 2.5	Pass
	-30	3.85	-6.123				-0.0033	-2.5 to 2.5	Pass
	-20	3.85	-7.024				-0.0037	-2.5 to 2.5	Pass
	-10	3.85	-7.596				-0.0040	-2.5 to 2.5	Pass
	0	3.85	-3.619				-0.0019	-2.5 to 2.5	Pass
	10	3.85	-5.050				-0.0027	-2.5 to 2.5	Pass
	30	3.85	-5.307				-0.0028	-2.5 to 2.5	Pass
	40	3.85	2.031				0.0011	-2.5 to 2.5	Pass
	50	3.85	-3.033				-0.0016	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	-13.633
				3.85	-13.132	-0.0069		-2.5 to 2.5	Pass
				4.43	-8.039	-0.0042		-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-6.752	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
30	3.85	-10.386	-0.0054	-2.5 to 2.5	Pass				

				40	3.85	-11.315	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-14.033	-0.0074	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-11.930	-0.0064	-2.5 to 2.5	Pass
					3.85	-10.057	-0.0054	-2.5 to 2.5	Pass
					4.43	-12.031	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-13.690	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-12.674	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
				10	3.85	4.964	0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-9.613	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-13.146	-0.0071	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	-5.965
	3.85	-5.121	-0.0027					-2.5 to 2.5	Pass
	4.43	-6.351	-0.0034					-2.5 to 2.5	Pass
	-30	3.85	-5.465				-0.0029	-2.5 to 2.5	Pass
	-20	3.85	-6.838				-0.0036	-2.5 to 2.5	Pass
	-10	3.85	-5.322				-0.0028	-2.5 to 2.5	Pass
	0	3.85	-5.379				-0.0029	-2.5 to 2.5	Pass
	10	3.85	-2.761				-0.0015	-2.5 to 2.5	Pass
	30	3.85	-5.293				-0.0028	-2.5 to 2.5	Pass
	40	3.85	-4.950				-0.0026	-2.5 to 2.5	Pass
	50	3.85	-5.307				-0.0028	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	-9.327
				3.85	-10.200	-0.0053		-2.5 to 2.5	Pass
				4.43	-8.225	-0.0043		-2.5 to 2.5	Pass
				-30	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-12.889	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-13.032	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-14.305	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-11.158	-0.0058	-2.5 to 2.5	Pass
30				3.85	-11.129	-0.0058	-2.5 to 2.5	Pass	
40				3.85	-7.224	-0.0038	-2.5 to 2.5	Pass	
50				3.85	-10.529	-0.0055	-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	-7.653	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.164	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.795	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-9.670	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-9.685	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-10.886	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-9.971	-0.0054	-2.5 to 2.5	Pass

	1880	25	0	40	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				20	3.27	-7.210	-0.0038	-2.5 to 2.5	Pass
					3.85	-8.283	-0.0044	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-5.679	-0.0030	-2.5 to 2.5	Pass
	30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass			
	40	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass			
	50	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-10.614	-0.0056	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.839	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-4.478	-0.0023	-2.5 to 2.5	Pass			
	16QAM	1852.5	25	0	20	3.27	-6.623	-0.0036	-2.5 to 2.5
3.85						-2.975	-0.0016	-2.5 to 2.5	Pass
					4.43	-17.052	-0.0092	-2.5 to 2.5	Pass
-30					3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
-20					3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
-10					3.85	-9.098	-0.0049	-2.5 to 2.5	Pass
0					3.85	-9.255	-0.0050	-2.5 to 2.5	Pass
10					3.85	-10.843	-0.0059	-2.5 to 2.5	Pass
30					3.85	-10.128	-0.0055	-2.5 to 2.5	Pass
40					3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
50		3.85	-7.625	-0.0041	-2.5 to 2.5	Pass			
1880		25	0	20	3.27	-8.941	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.883	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
50		3.85	-7.381	-0.0039	-2.5 to 2.5	Pass			
1907.5		25	0	20	3.27	-5.364	-0.0028	-2.5 to 2.5	Pass
					3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
					4.43	-6.351	-0.0033	-2.5 to 2.5	Pass
	-30			3.85	-7.367	-0.0039	-2.5 to 2.5	Pass	
	-20			3.85	-8.011	-0.0042	-2.5 to 2.5	Pass	
	-10			3.85	-9.656	-0.0051	-2.5 to 2.5	Pass	
	0			3.85	-6.280	-0.0033	-2.5 to 2.5	Pass	
10	3.85	-6.495	-0.0034	-2.5 to 2.5	Pass				
30	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass				

				40	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-9.155	-0.0048	-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	-7.296	-0.0039	-2.5 to 2.5	Pass	
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass	
					4.43	-3.319	-0.0018	-2.5 to 2.5	Pass	
				-30	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass	
					-20	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
						3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0042	-2.5 to 2.5	Pass	
					10	3.85	-8.311	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass	
	40	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass				
	50	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-12.689	-0.0067	-2.5 to 2.5	Pass	
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass	
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass	
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass	
					-20	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
						3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass	
					10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass	
	40	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass				
	50	3.85	0.215	0.0001	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	-10.200	-0.0054	-2.5 to 2.5	Pass	
					3.85	-6.909	-0.0036	-2.5 to 2.5	Pass	
					4.43	-4.420	-0.0023	-2.5 to 2.5	Pass	
				-30	3.85	-7.310	-0.0038	-2.5 to 2.5	Pass	
					-20	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
3.85						-4.864	-0.0026	-2.5 to 2.5	Pass	
0				3.85	-3.390	-0.0018	-2.5 to 2.5	Pass		
				10	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass	
30				3.85	-4.435	-0.0023	-2.5 to 2.5	Pass		
40	3.85	-6.337	-0.0033	-2.5 to 2.5	Pass					
50	3.85	-8.383	-0.0044	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.27	-1.903	-0.0010	-2.5 to 2.5	Pass	
					3.85	-5.207	-0.0028	-2.5 to 2.5	Pass	
					4.43	-5.407	-0.0029	-2.5 to 2.5	Pass	
				-30	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass	
					-20	3.85	-4.935	-0.0027	-2.5 to 2.5	Pass
				3.85		-6.566	-0.0035	-2.5 to 2.5	Pass	
				0	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass	
10	3.85	-8.740	-0.0047	-2.5 to 2.5	Pass					
30	3.85	3.676	0.0020	-2.5 to 2.5	Pass					

	1880	50	0	40	3.85	-8.540	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0039	-2.5 to 2.5	Pass
				20	3.27	0.072	0.0000	-2.5 to 2.5	Pass
					3.85	1.874	0.0010	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
	30	3.85	1.030	0.0005	-2.5 to 2.5	Pass			
	40	3.85	2.632	0.0014	-2.5 to 2.5	Pass			
	50	3.85	1.674	0.0009	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-3.405	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
10				3.85	-3.490	-0.0018	-2.5 to 2.5	Pass	
30				3.85	-3.891	-0.0020	-2.5 to 2.5	Pass	
40				3.85	-2.604	-0.0014	-2.5 to 2.5	Pass	
50	3.85	-3.548	-0.0019	-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	-11.001	-0.0059	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-16.179	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-9.499	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	0.558	0.0003	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0026	-2.5 to 2.5	Pass
					4.43	-10.099	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-10.200	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-10.142	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-10.743	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-12.217	-0.0065	-2.5 to 2.5	Pass
10				3.85	-12.188	-0.0065	-2.5 to 2.5	Pass	
30	3.85	-10.400	-0.0055	-2.5 to 2.5	Pass				

	1902.5	75	0	40	3.85	-12.202	-0.0065	-2.5 to 2.5	Pass			
				50	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass			
				20	3.27	-8.698	-0.0046	-2.5 to 2.5	Pass			
					3.85	-2.832	-0.0015	-2.5 to 2.5	Pass			
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass			
				-30	3.85	-7.396	-0.0039	-2.5 to 2.5	Pass			
				-20	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass			
				-10	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass			
				0	3.85	-3.691	-0.0019	-2.5 to 2.5	Pass			
				10	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass			
				30	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass			
				40	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass			
				50	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass			
16QAM	1857.5	75	0	20	3.27	-5.350	-0.0029	-2.5 to 2.5	Pass			
					3.85	-4.349	-0.0023	-2.5 to 2.5	Pass			
					4.43	-5.608	-0.0030	-2.5 to 2.5	Pass			
				-30	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass			
				-20	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass			
				-10	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass			
				0	3.85	-6.437	-0.0035	-2.5 to 2.5	Pass			
				10	3.85	-5.550	-0.0030	-2.5 to 2.5	Pass			
				30	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass			
				40	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass			
				50	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass			
				1880	75	0	20	3.27	-10.586	-0.0056	-2.5 to 2.5	Pass
	3.85	-10.371	-0.0055					-2.5 to 2.5	Pass			
	4.43	-9.699	-0.0052					-2.5 to 2.5	Pass			
	-30	3.85	-8.855				-0.0047	-2.5 to 2.5	Pass			
	-20	3.85	-10.986				-0.0058	-2.5 to 2.5	Pass			
	-10	3.85	-9.470				-0.0050	-2.5 to 2.5	Pass			
	0	3.85	-10.786				-0.0057	-2.5 to 2.5	Pass			
	10	3.85	-9.027				-0.0048	-2.5 to 2.5	Pass			
	30	3.85	-8.769				-0.0047	-2.5 to 2.5	Pass			
	40	3.85	-9.899				-0.0053	-2.5 to 2.5	Pass			
	50	3.85	-7.467				-0.0040	-2.5 to 2.5	Pass			
	1902.5	75	0				20	3.27	-2.961	-0.0016	-2.5 to 2.5	Pass
								3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
				4.43	-2.561	-0.0013		-2.5 to 2.5	Pass			
-30				3.85	-3.004	-0.0016	-2.5 to 2.5	Pass				
-20				3.85	-3.462	-0.0018	-2.5 to 2.5	Pass				
-10				3.85	-4.921	-0.0026	-2.5 to 2.5	Pass				
0				3.85	-4.406	-0.0023	-2.5 to 2.5	Pass				
10				3.85	-4.134	-0.0022	-2.5 to 2.5	Pass				
30				3.85	-4.206	-0.0022	-2.5 to 2.5	Pass				
40				3.85	-4.420	-0.0023	-2.5 to 2.5	Pass				
50	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass							

2.6 B2_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz

Test Report Number: BTF230628R00105

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	-11.015	-0.0059	-2.5 to 2.5	Pass
					3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-8.154	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-13.103	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-9.542	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-9.842	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-8.712	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0049	-2.5 to 2.5	Pass
	50	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-10.557	-0.0056	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.838	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
	50	3.85	-6.781	-0.0036	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-8.583	-0.0045	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-9.155	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
30				3.85	-6.552	-0.0034	-2.5 to 2.5	Pass	
40				3.85	-5.507	-0.0029	-2.5 to 2.5	Pass	
50	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-4.520	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-9.599	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass			
	50	3.85	-4.792	-0.0026	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-4.764	-0.0025	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass
10				3.85	-9.370	-0.0050	-2.5 to 2.5	Pass	
30				3.85	-10.657	-0.0057	-2.5 to 2.5	Pass	

	1900	100	0	40	3.85	-7.610	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				20	3.27	-2.303	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0019	-2.5 to 2.5	Pass

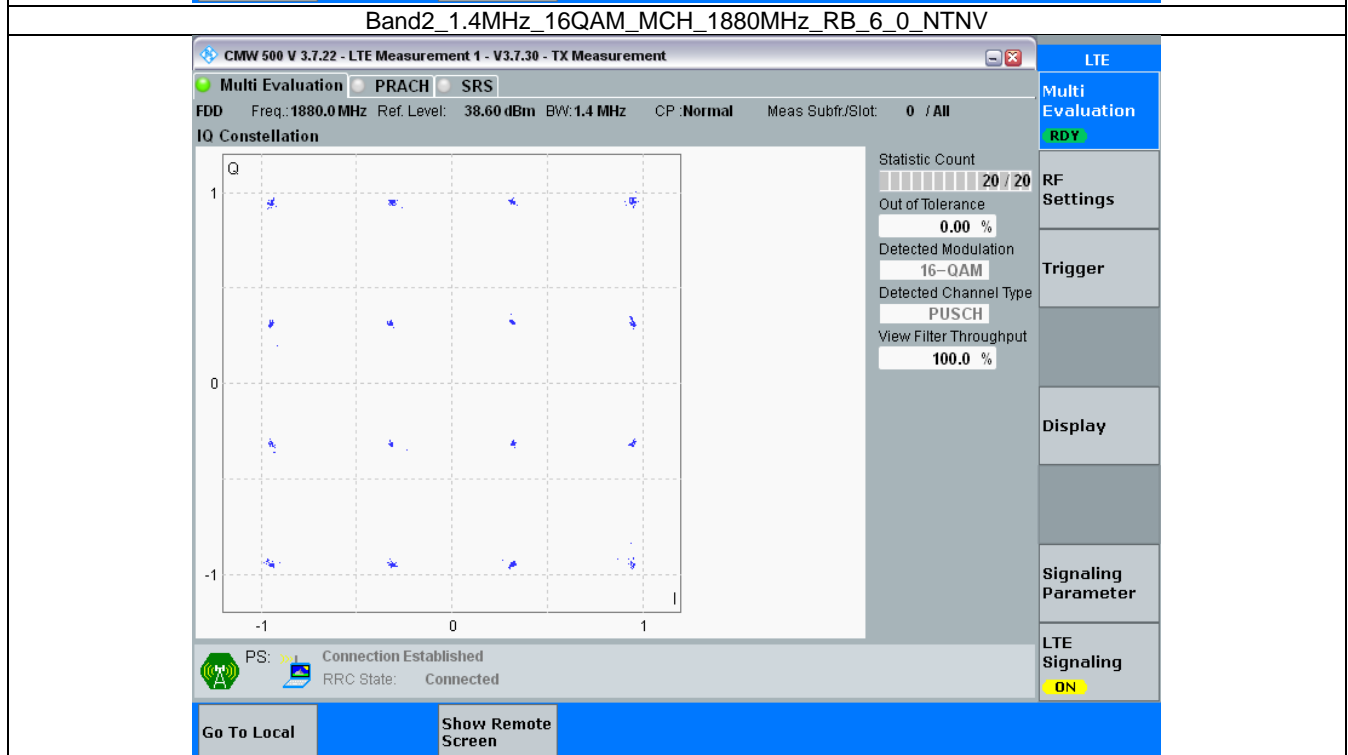
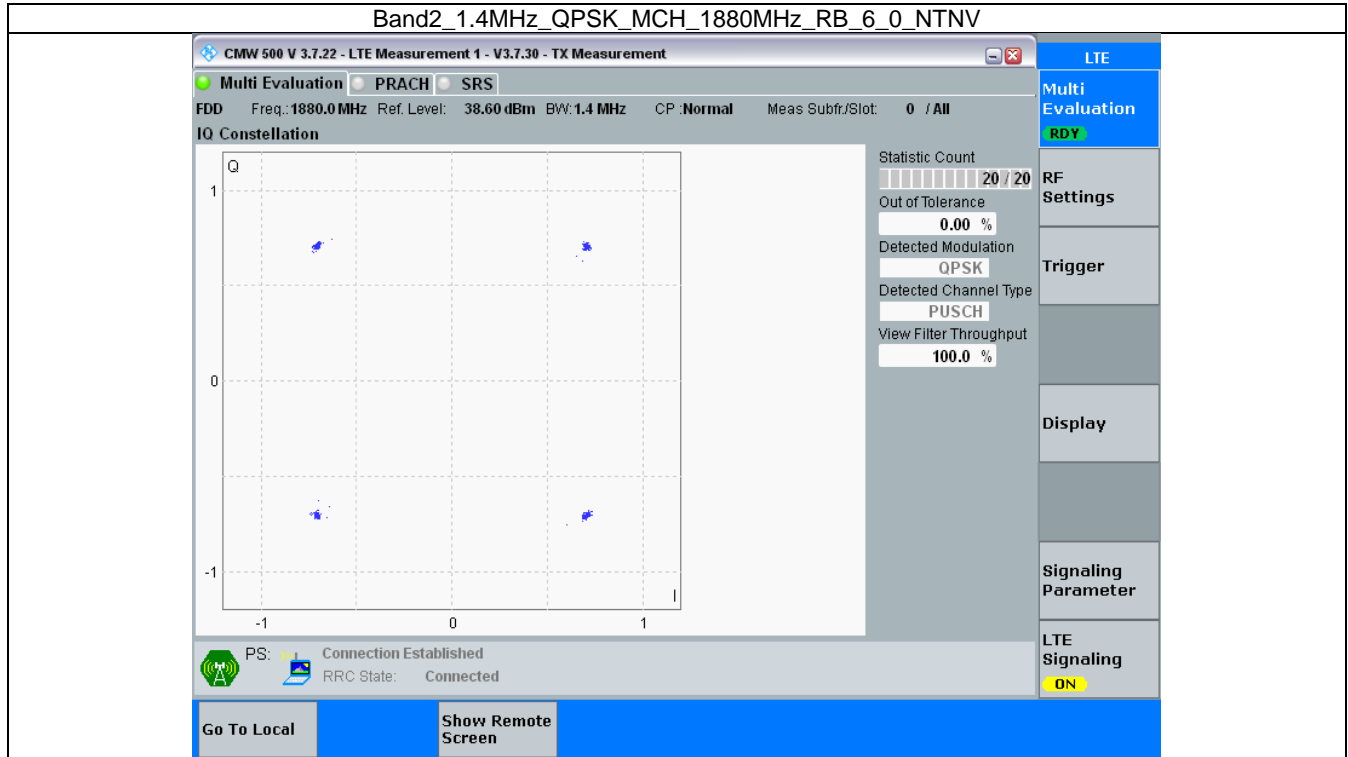
3. Modulation Characteristics

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

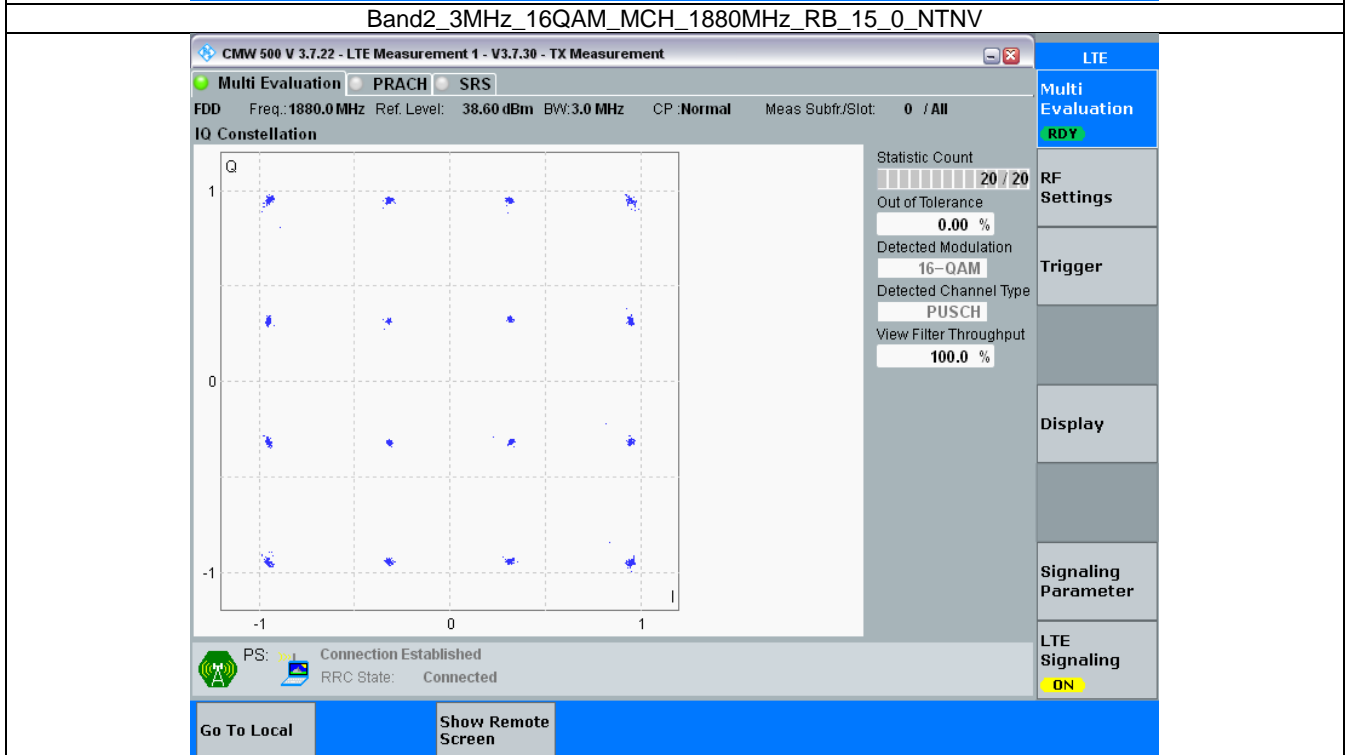
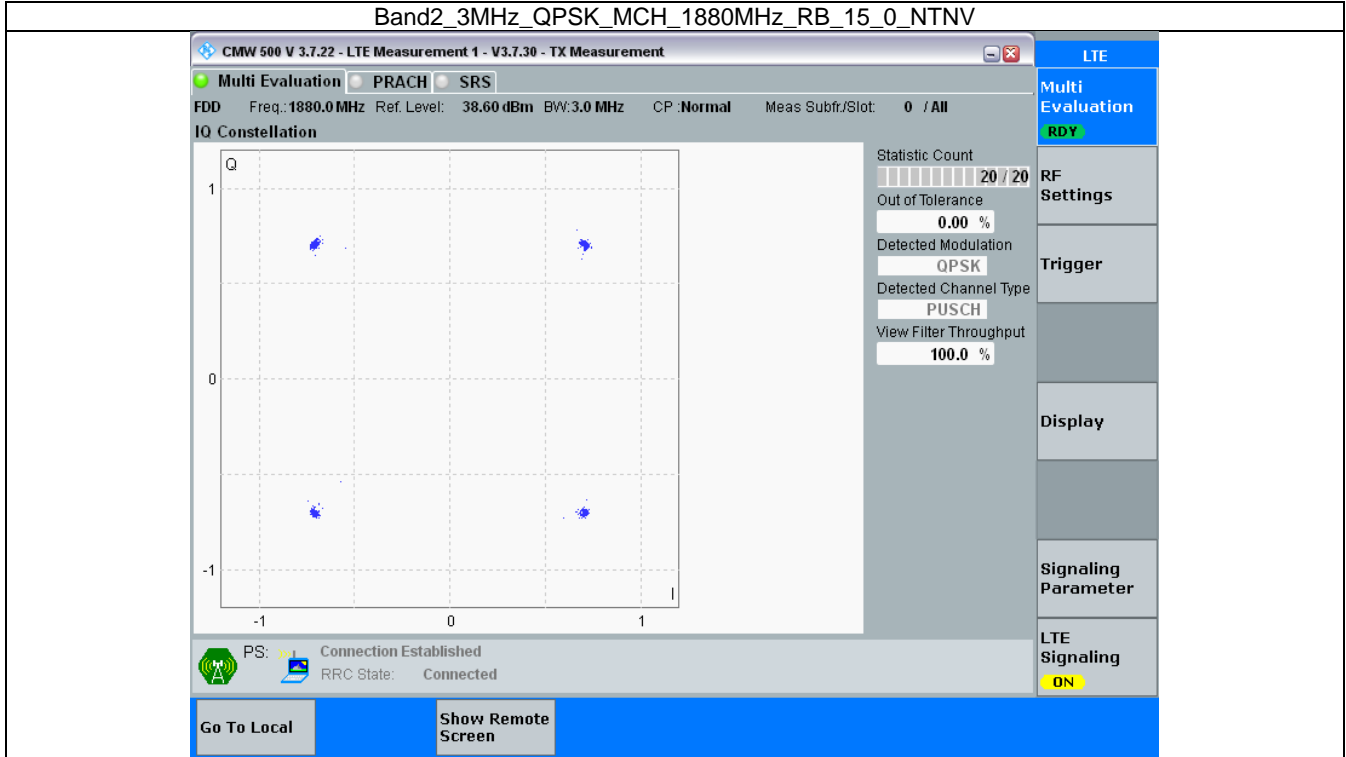


3.2 B2_3MHz

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

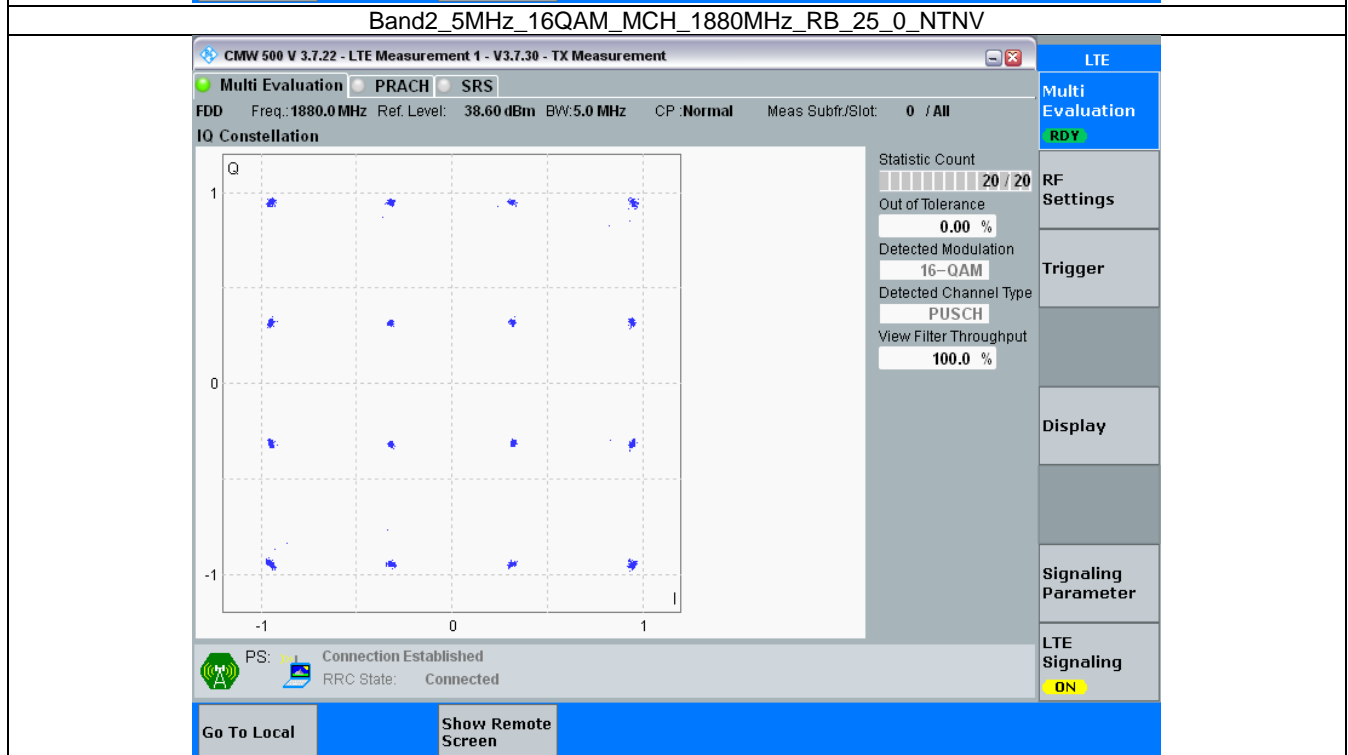
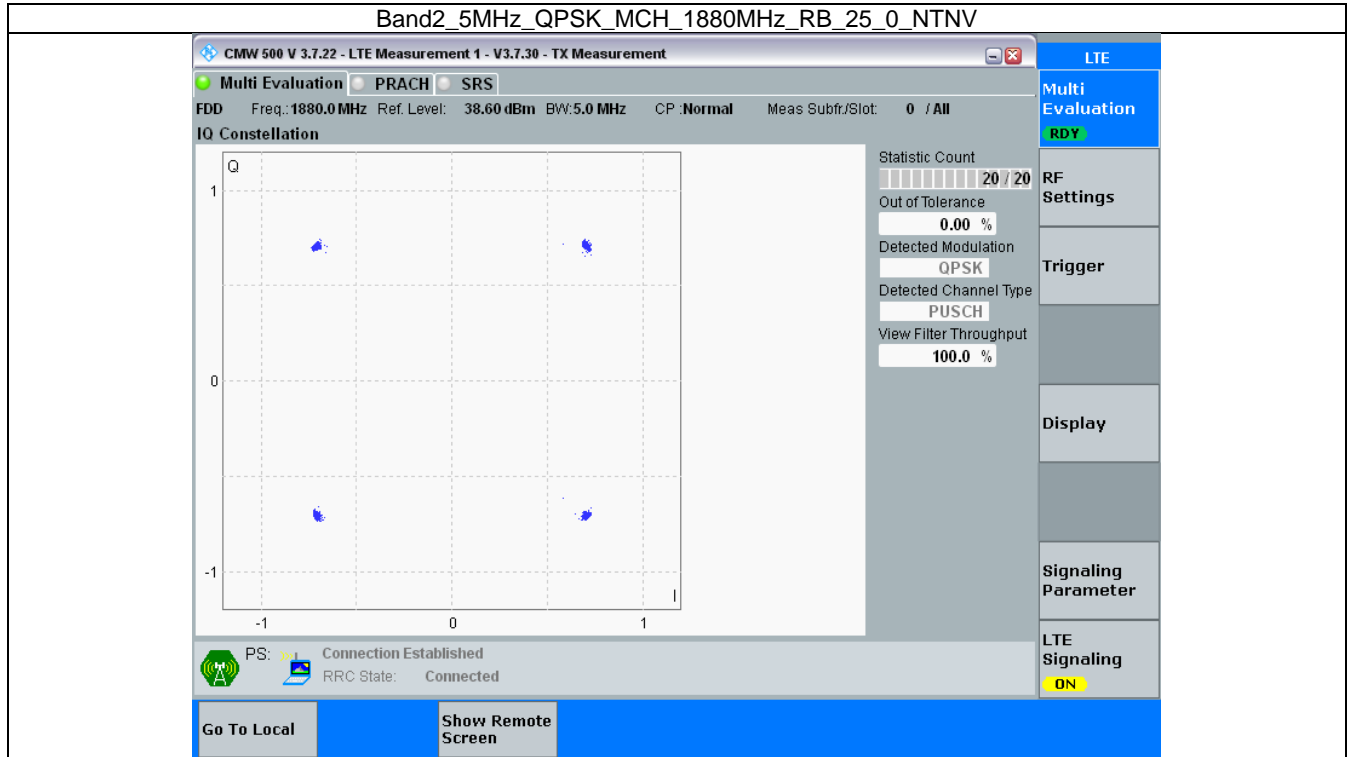


3.3 B2_5MHz

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

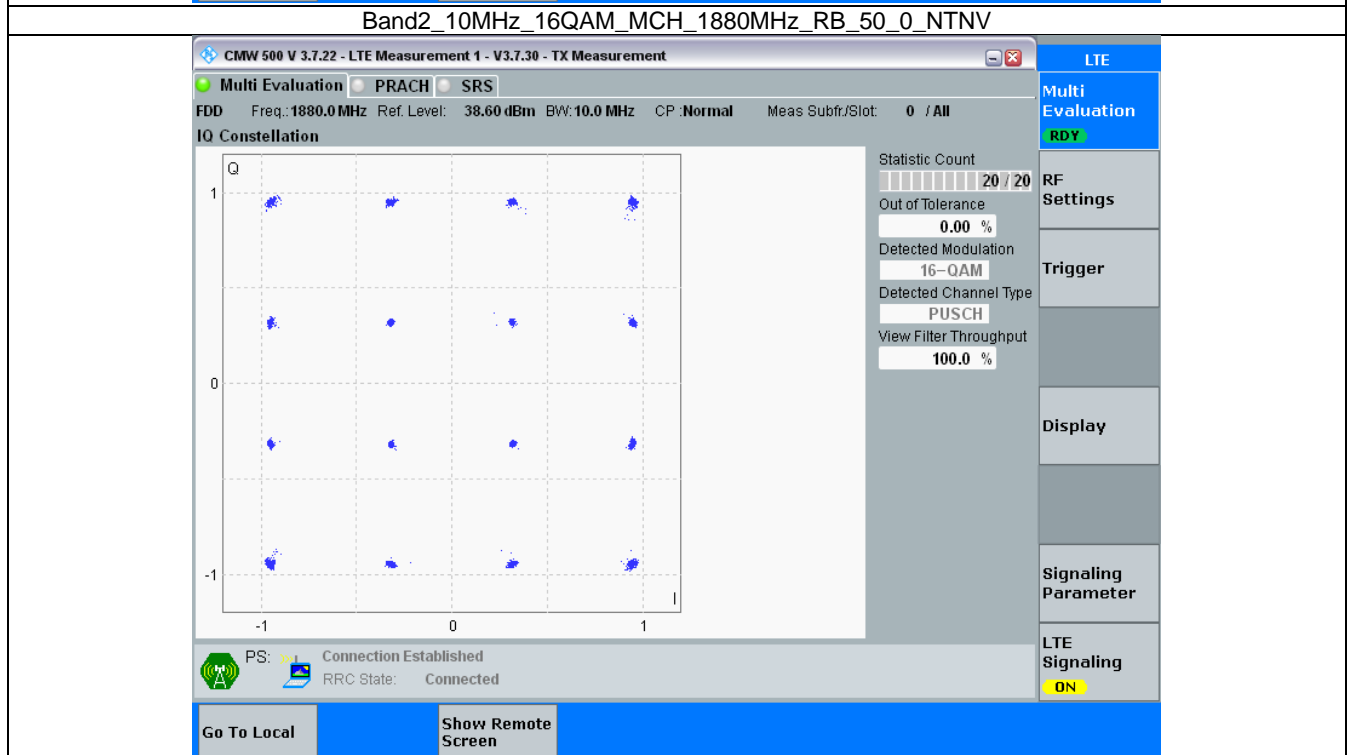
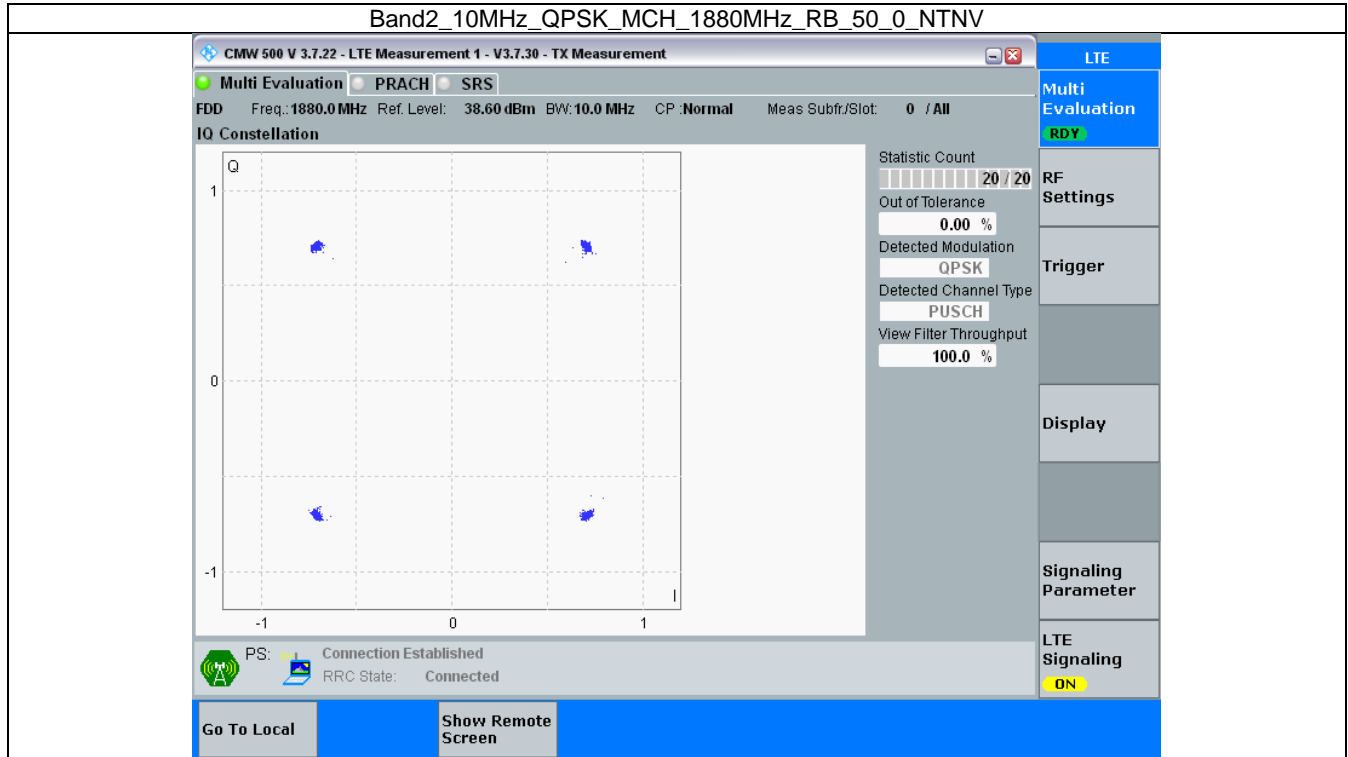


3.4 B2_10MHz

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

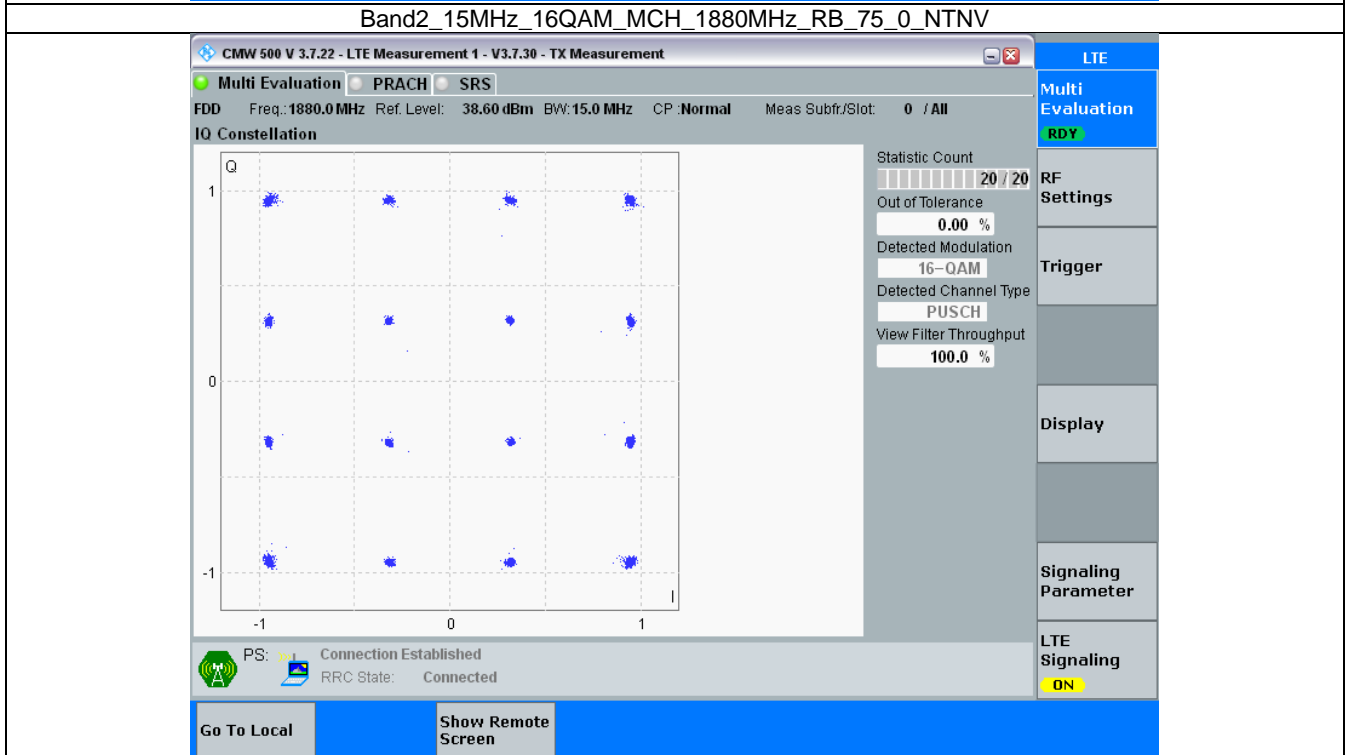
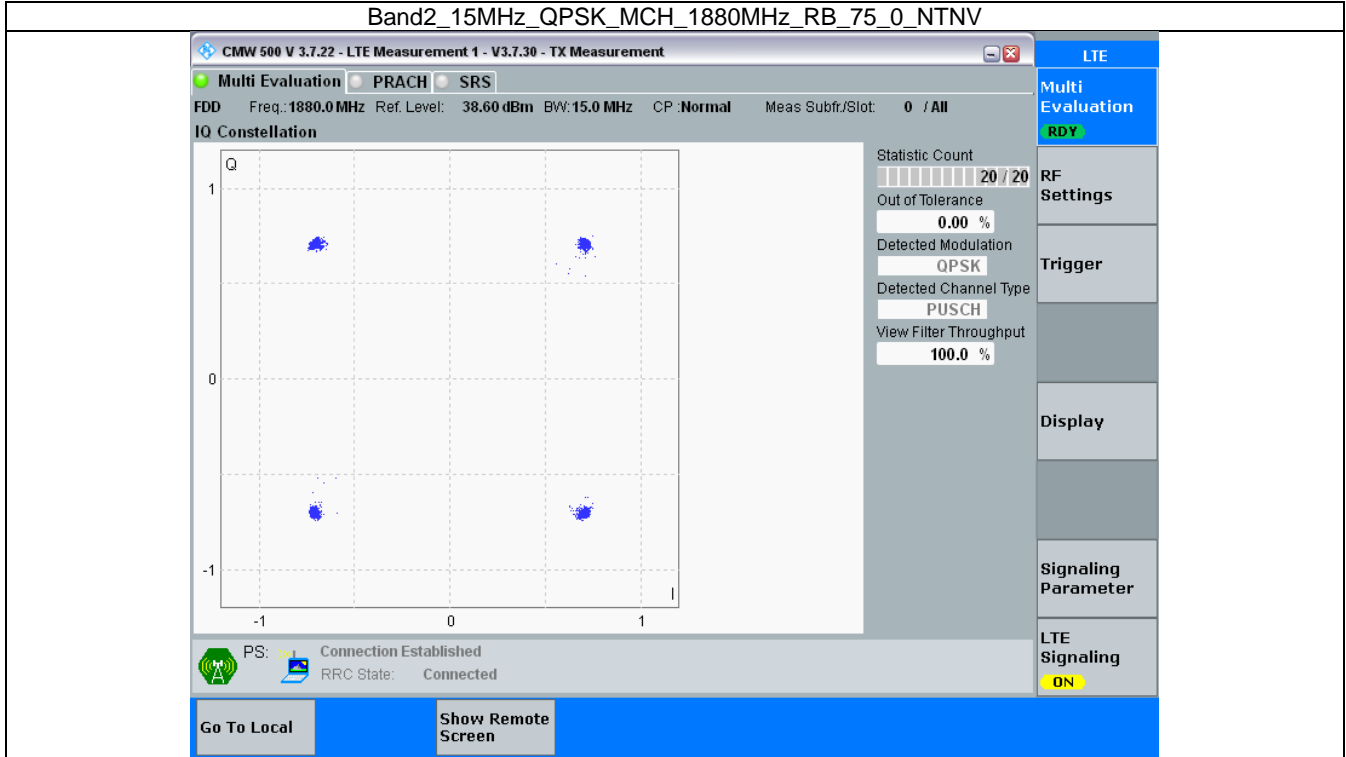


3.5 B2_15MHz

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

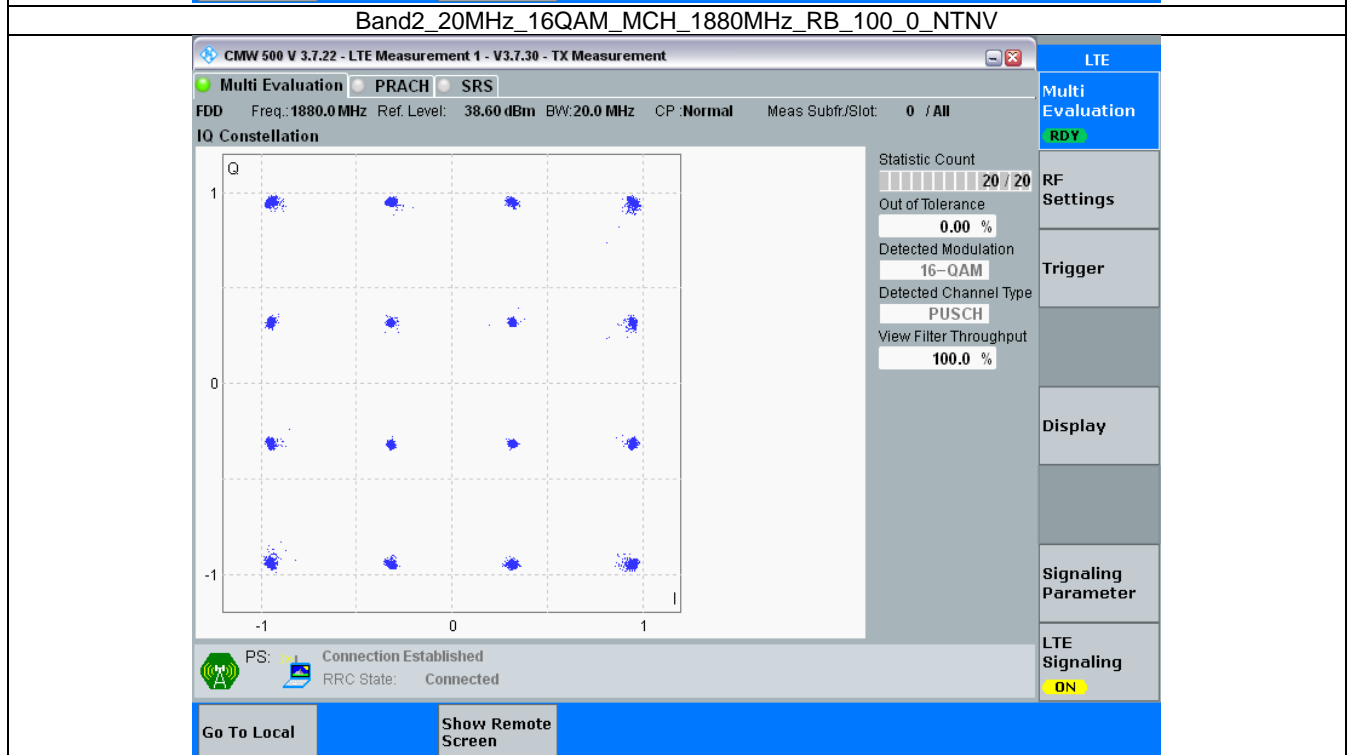
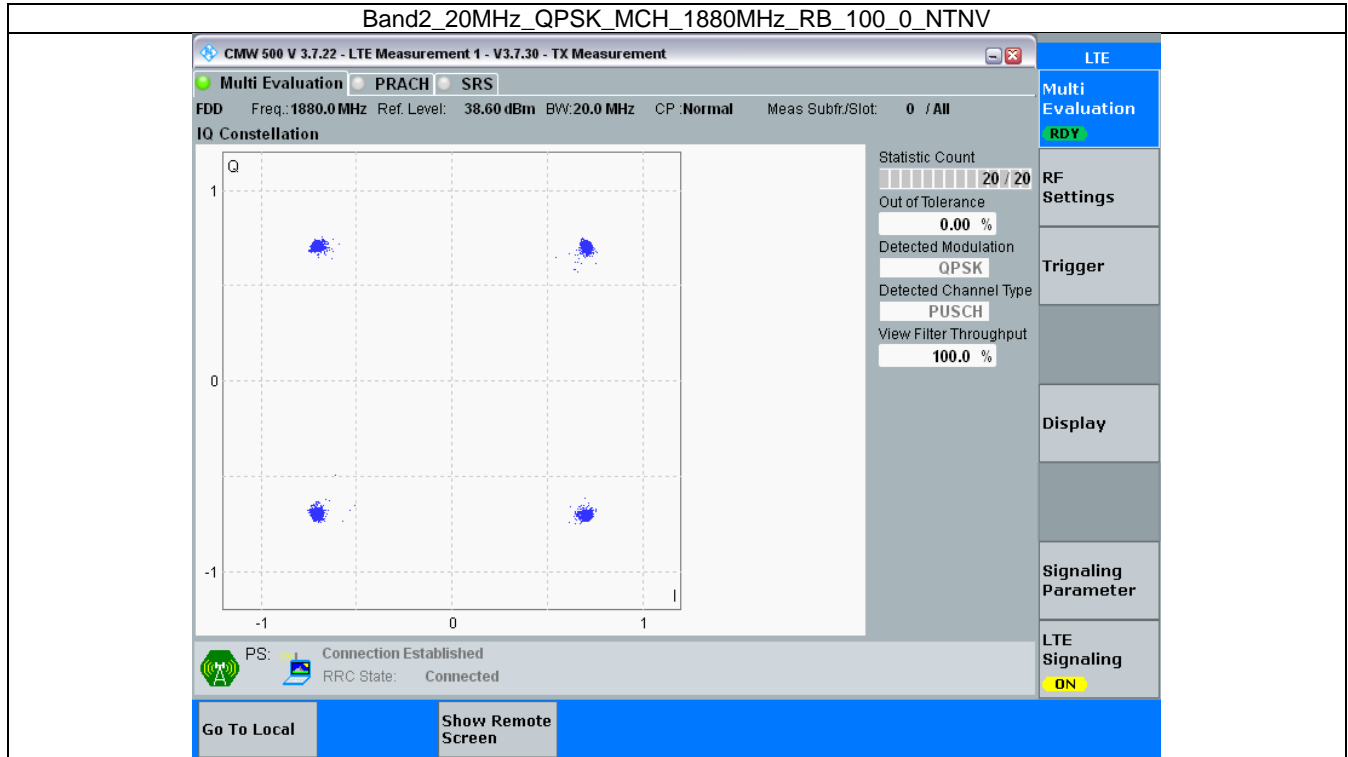


3.6 B2_20MHz

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



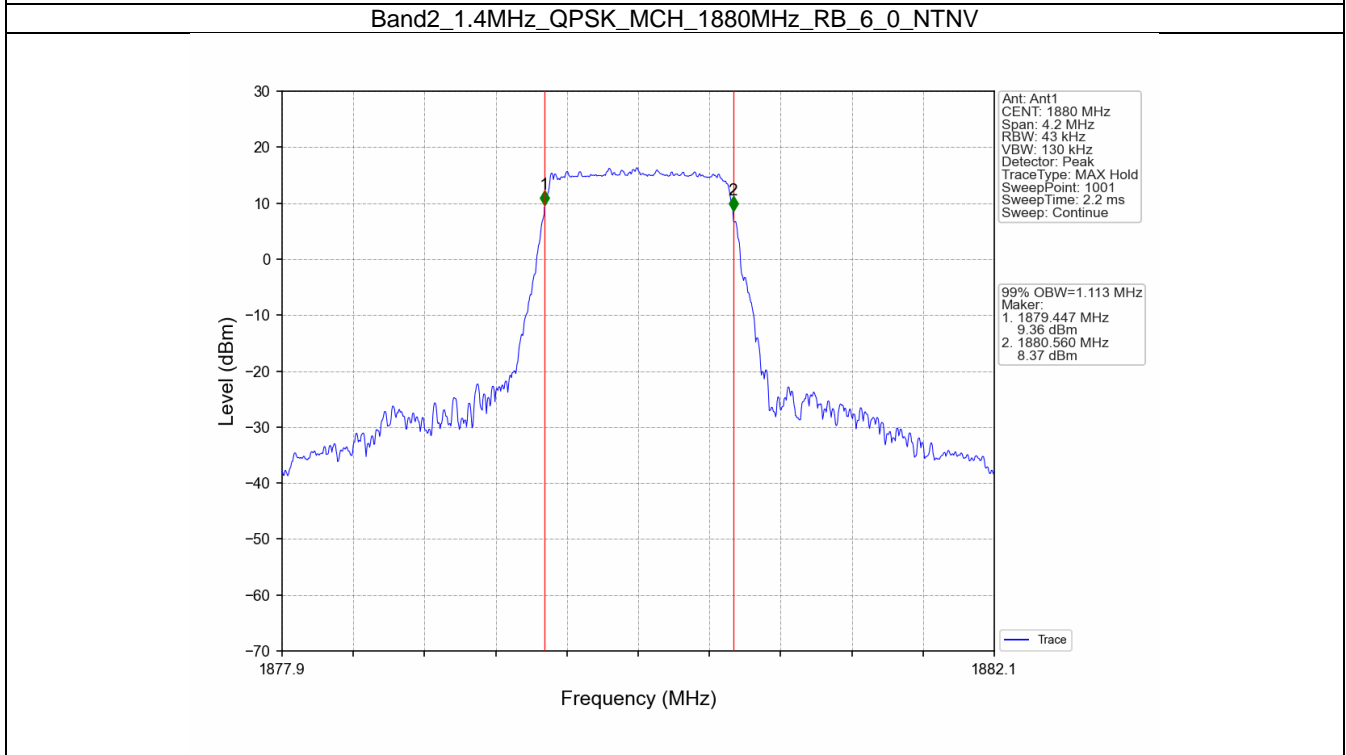
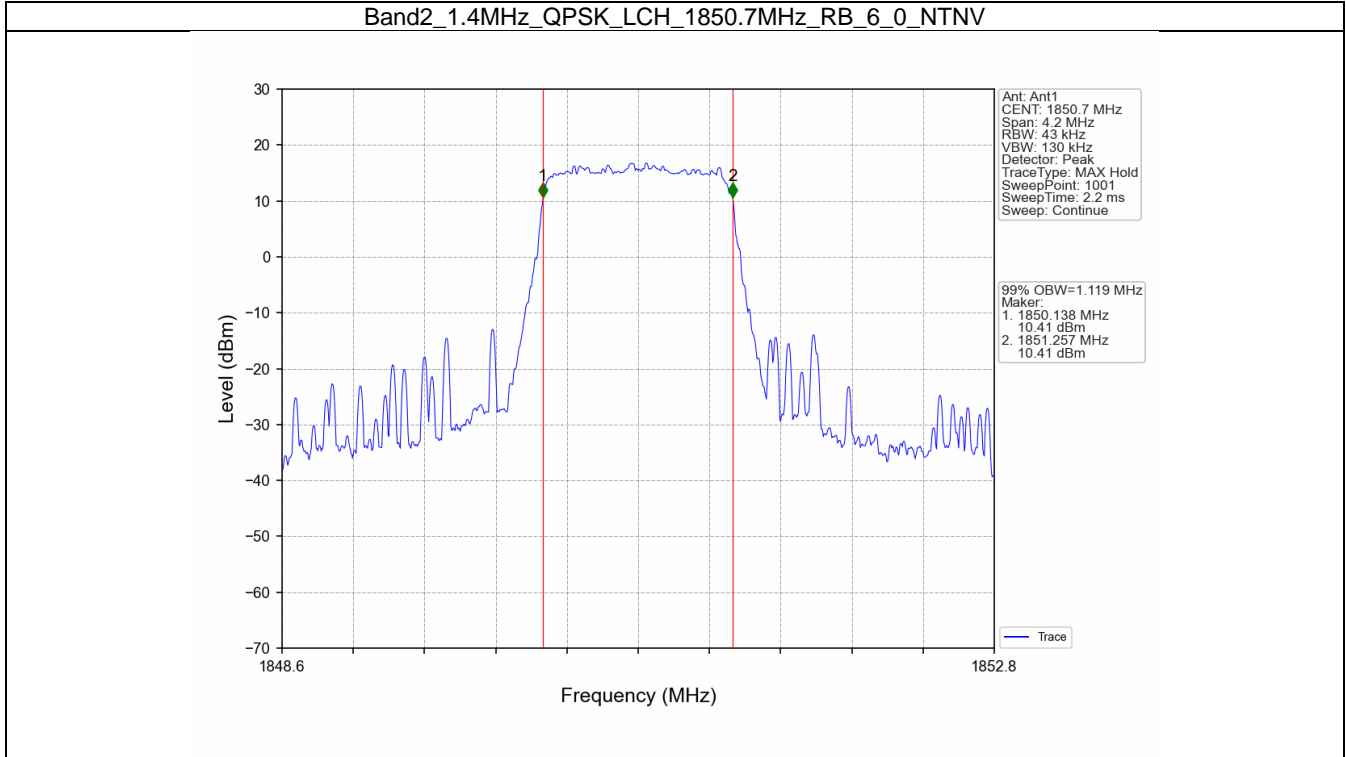
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

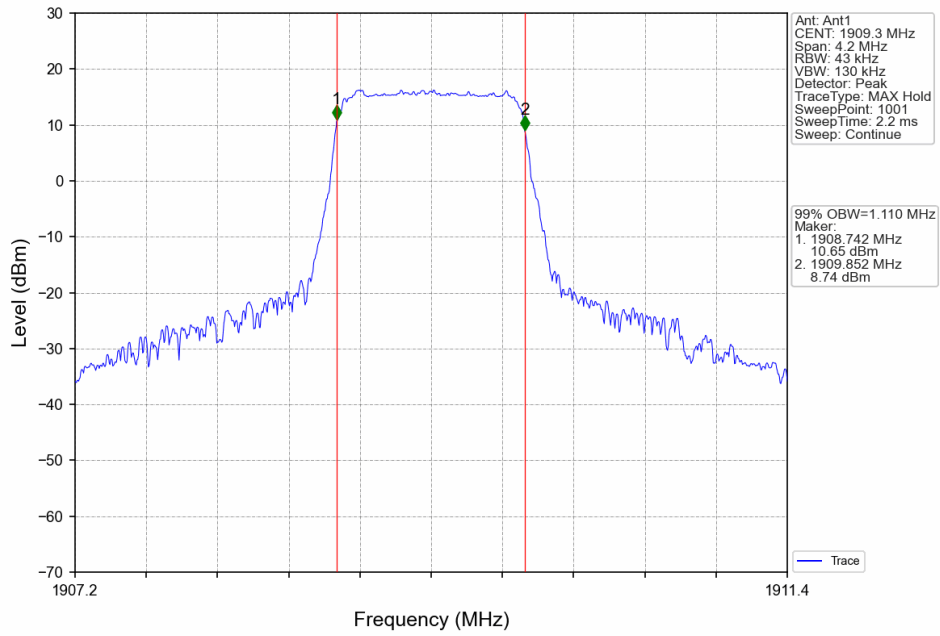
4.1.1 Test Result

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	1.119	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.110	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1880	6	0	1.102	Pass
		1909.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.733	Pass
		1880	15	0	2.726	Pass
		1908.5	15	0	2.731	Pass
	16QAM	1851.5	15	0	2.717	Pass
		1880	15	0	2.727	Pass
		1908.5	15	0	2.719	Pass
5	QPSK	1852.5	25	0	4.560	Pass
		1880	25	0	4.567	Pass
		1907.5	25	0	4.580	Pass
	16QAM	1852.5	25	0	4.573	Pass
		1880	25	0	4.572	Pass
		1907.5	25	0	4.565	Pass
10	QPSK	1855	50	0	9.096	Pass
		1880	50	0	9.064	Pass
		1905	50	0	9.094	Pass
	16QAM	1855	50	0	9.084	Pass
		1880	50	0	9.088	Pass
		1905	50	0	9.083	Pass
15	QPSK	1857.5	75	0	13.655	Pass
		1880	75	0	13.613	Pass
		1902.5	75	0	13.615	Pass
	16QAM	1857.5	75	0	13.691	Pass
		1880	75	0	13.627	Pass
		1902.5	75	0	13.586	Pass
20	QPSK	1860	100	0	18.237	Pass
		1880	100	0	18.144	Pass
		1900	100	0	18.192	Pass
	16QAM	1860	100	0	18.251	Pass
		1880	100	0	18.173	Pass
		1900	100	0	18.213	Pass

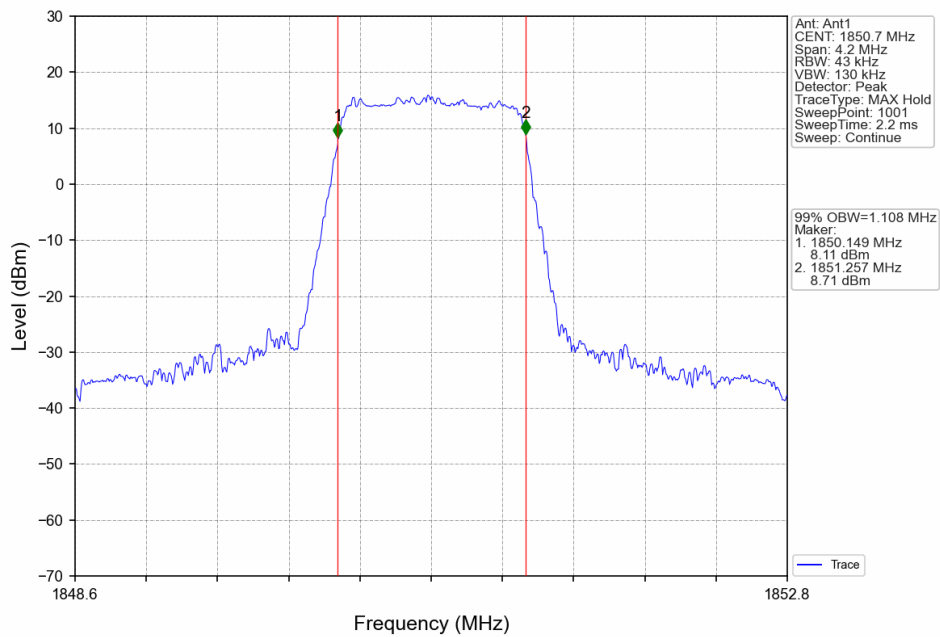
4.1.2 Test Graph



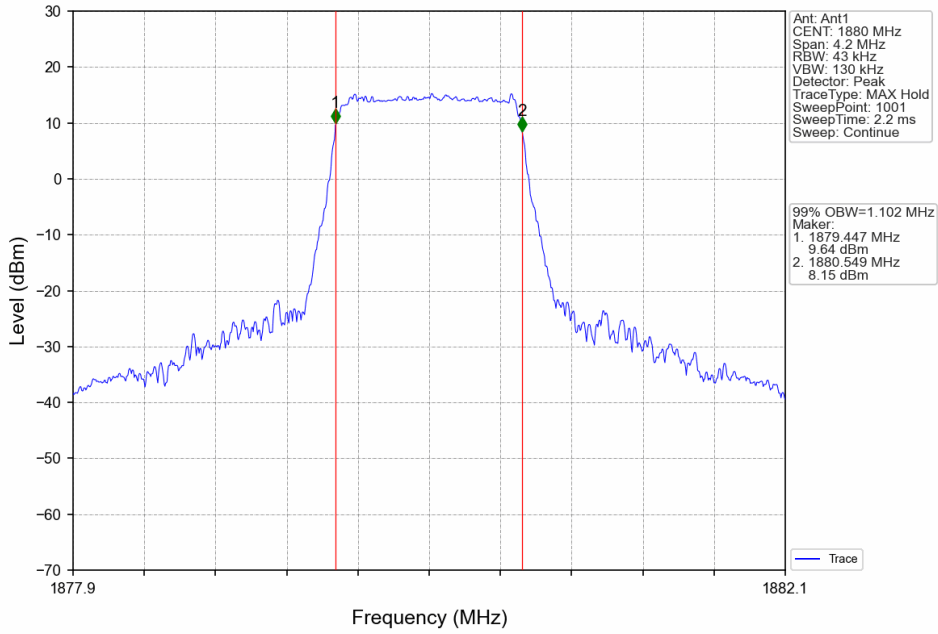
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



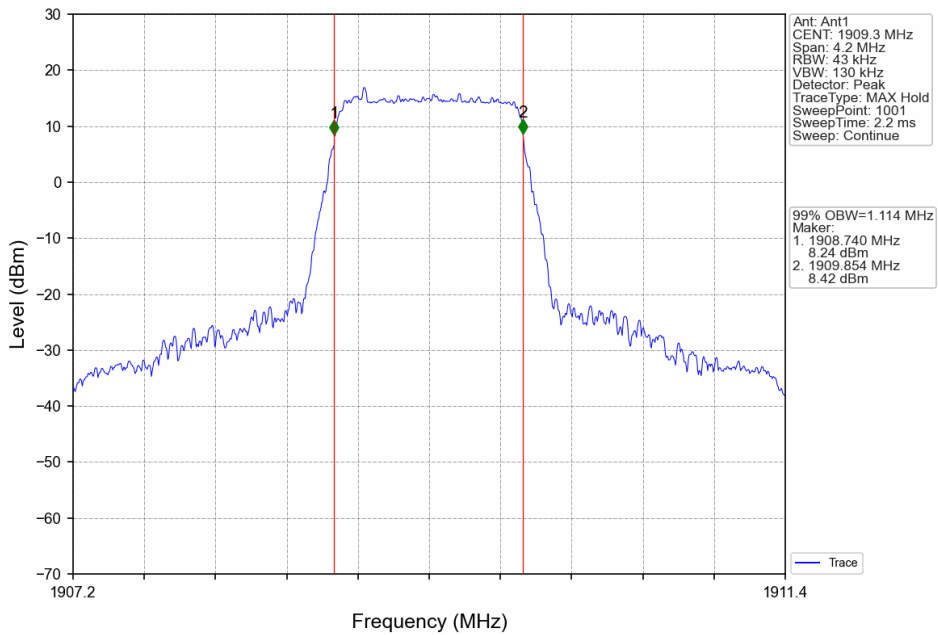
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



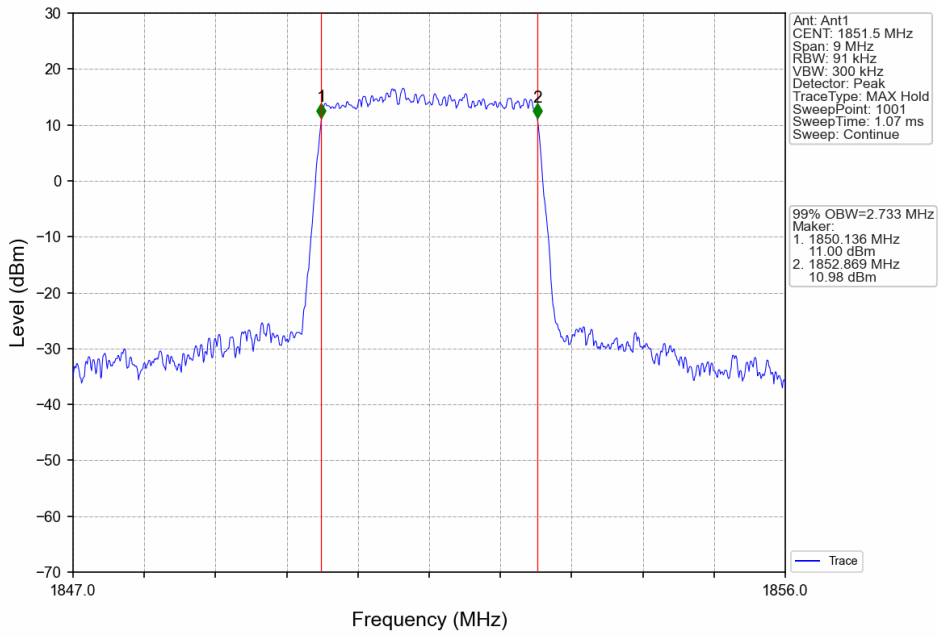
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



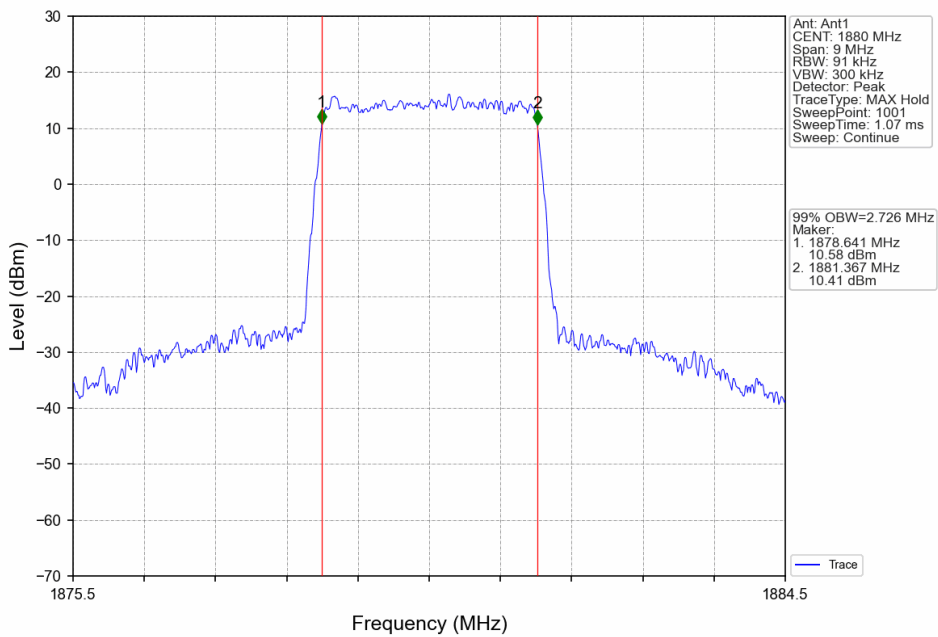
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



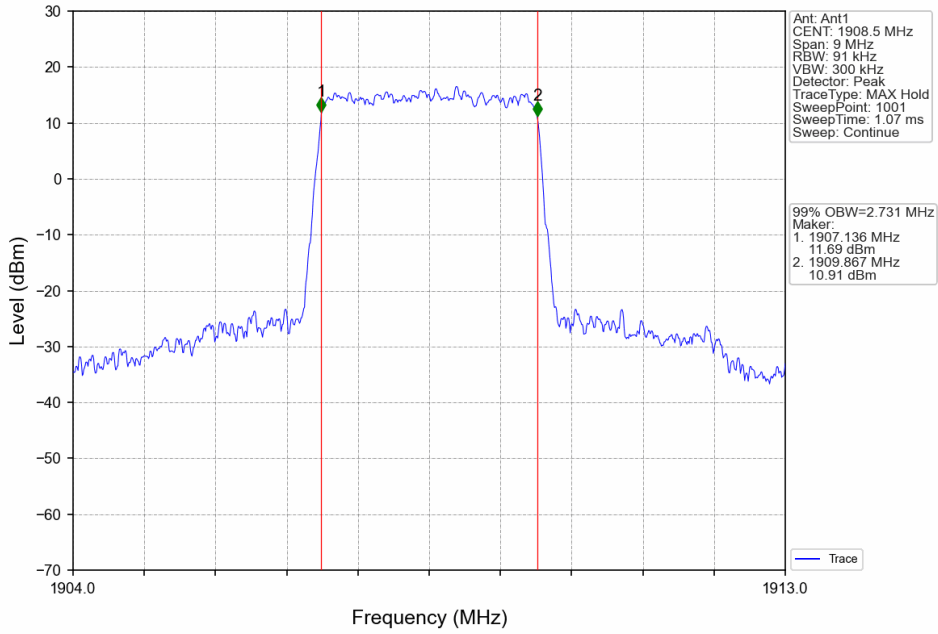
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



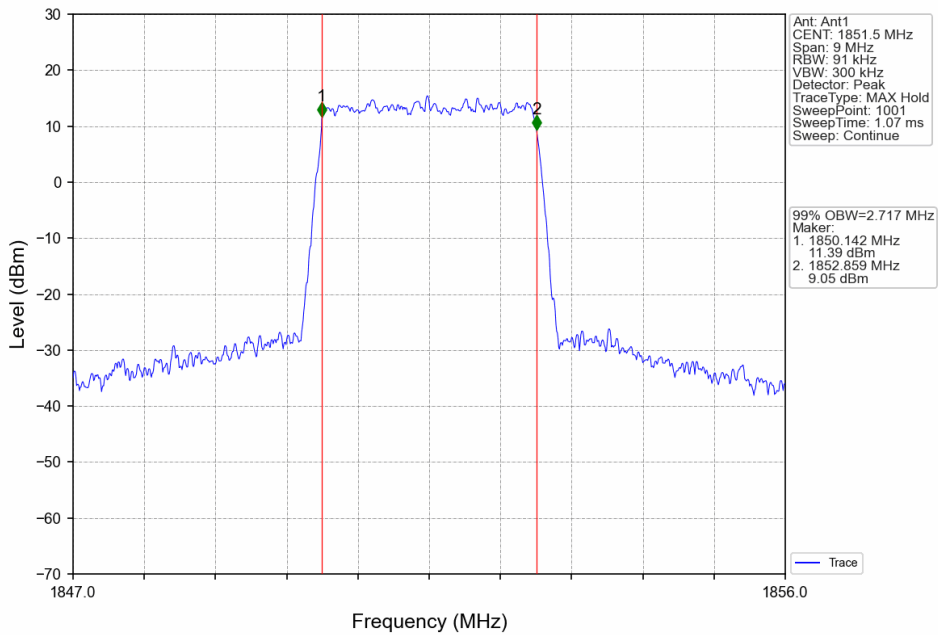
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



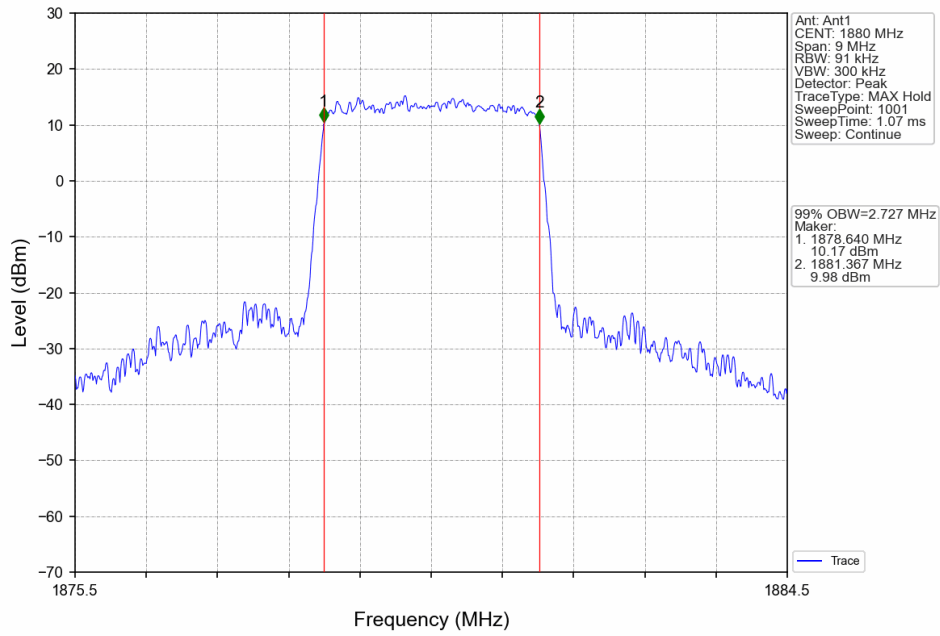
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



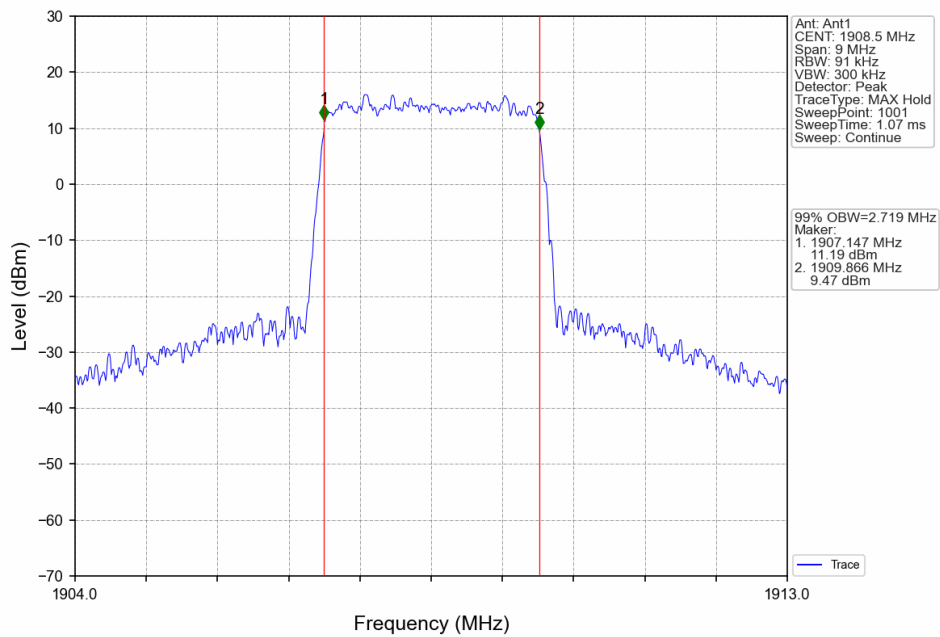
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



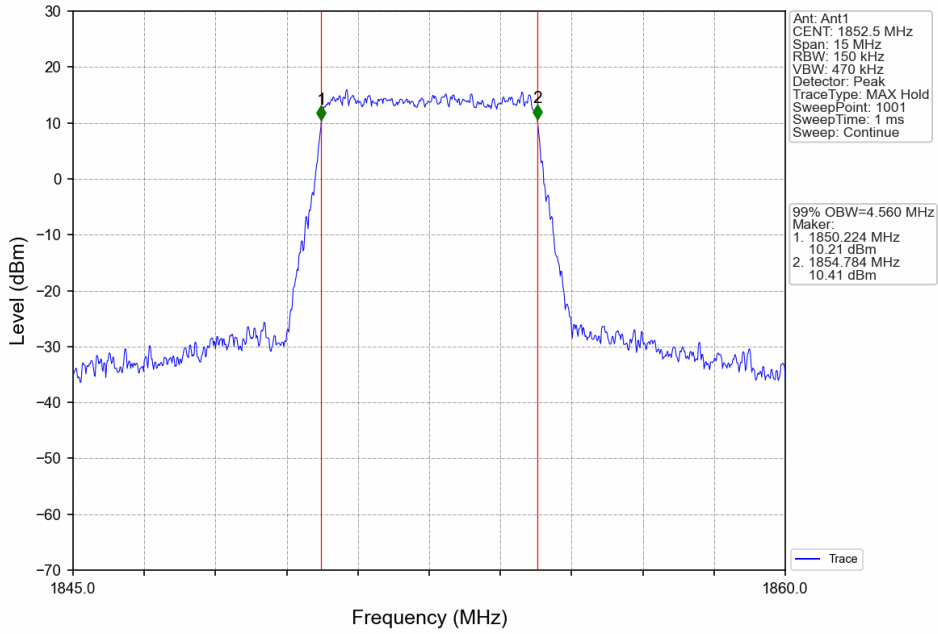
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



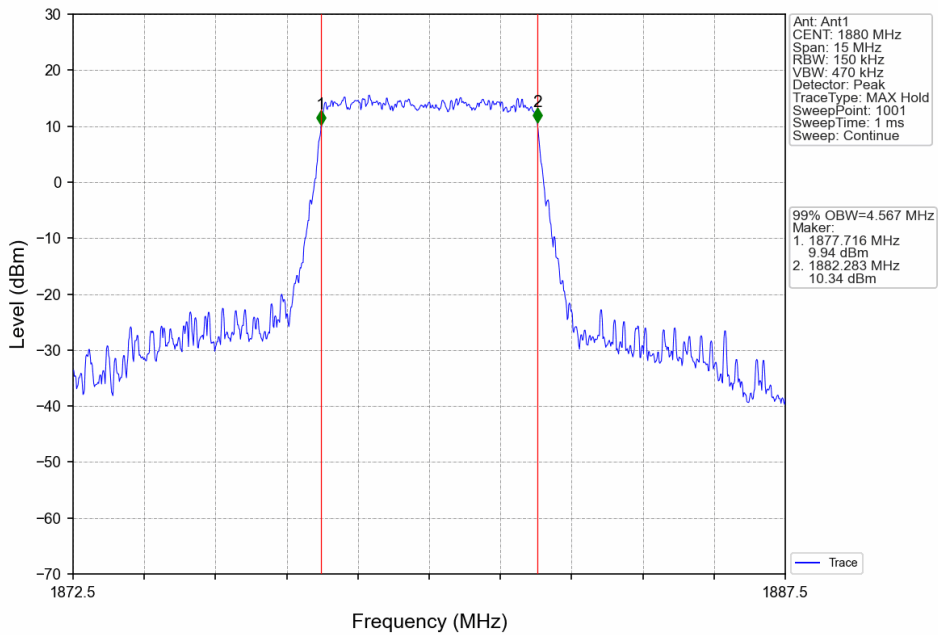
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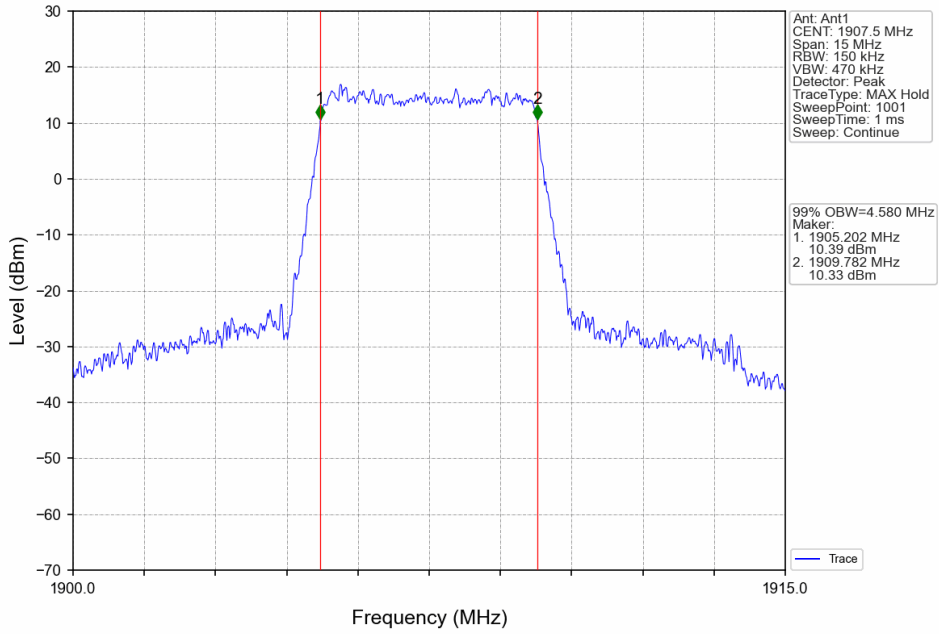
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



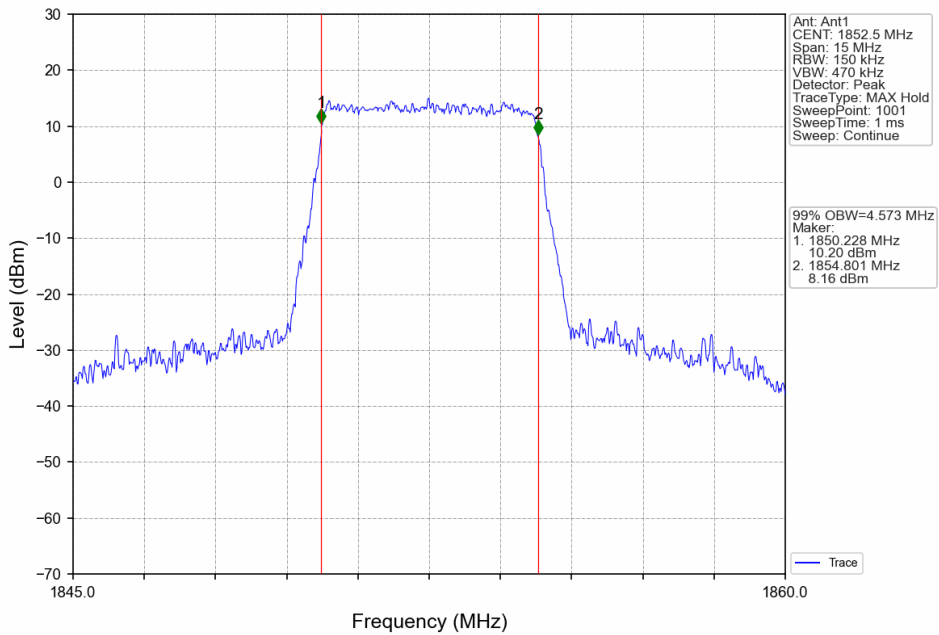
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



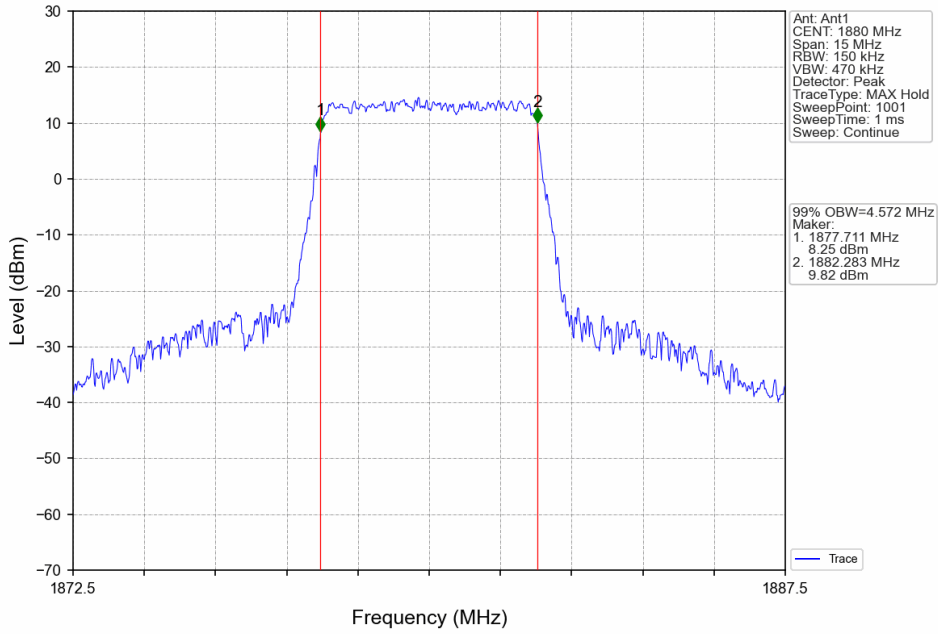
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



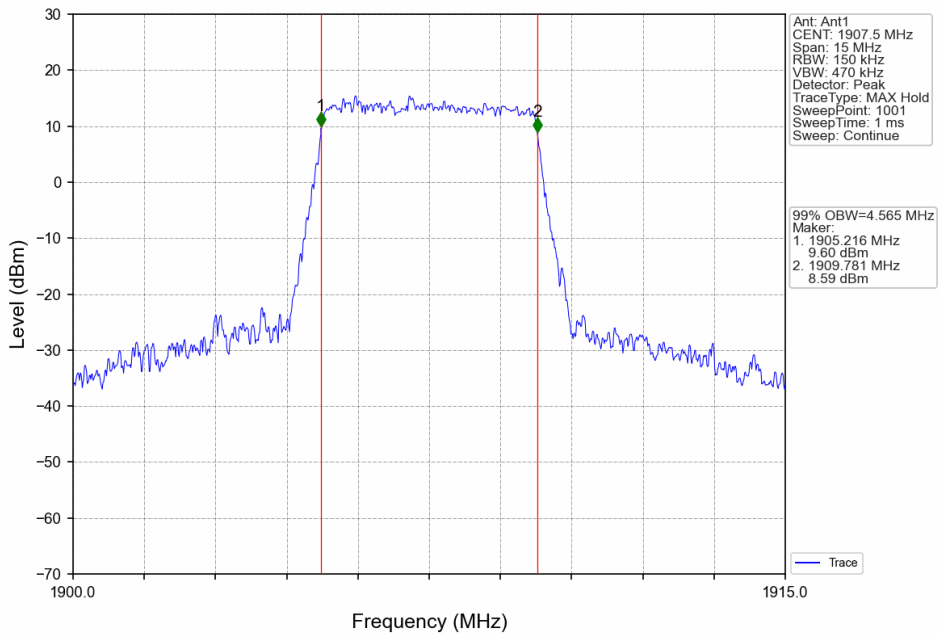
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



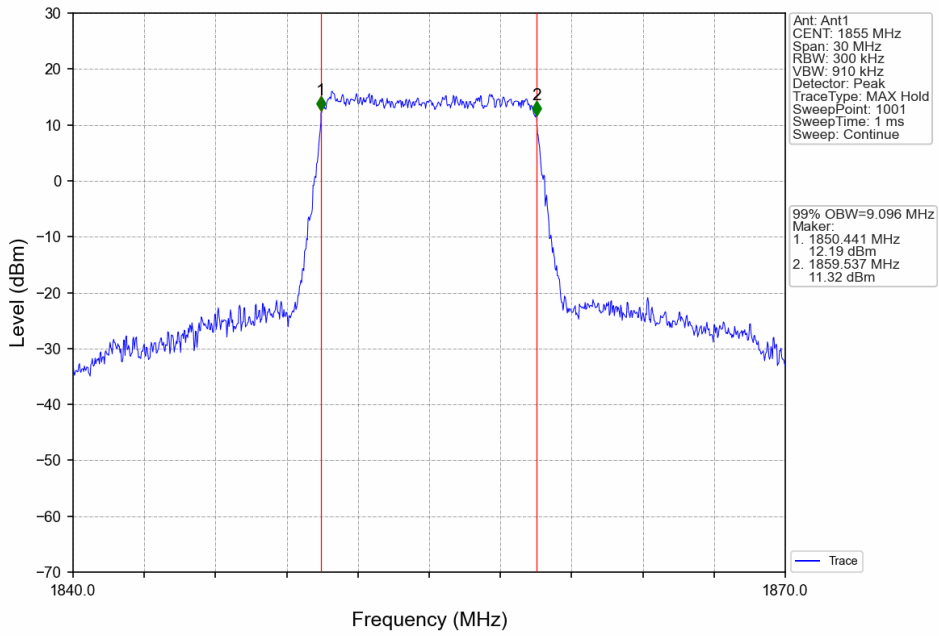
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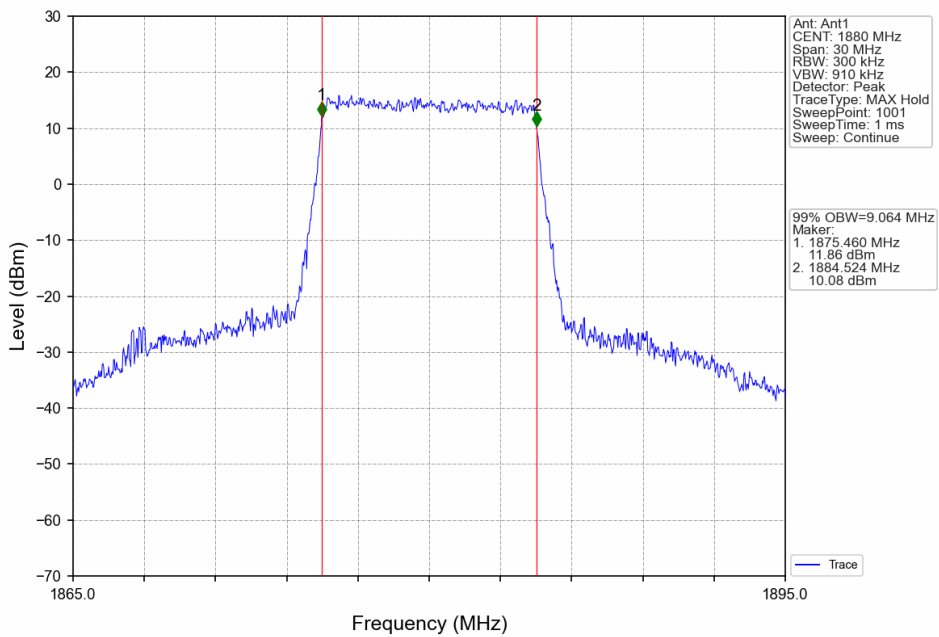
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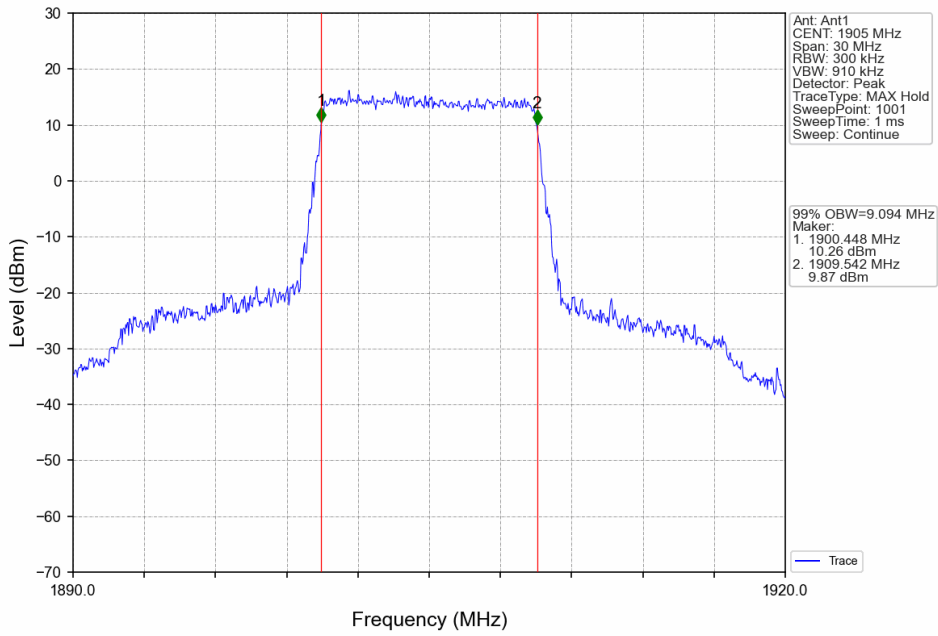
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



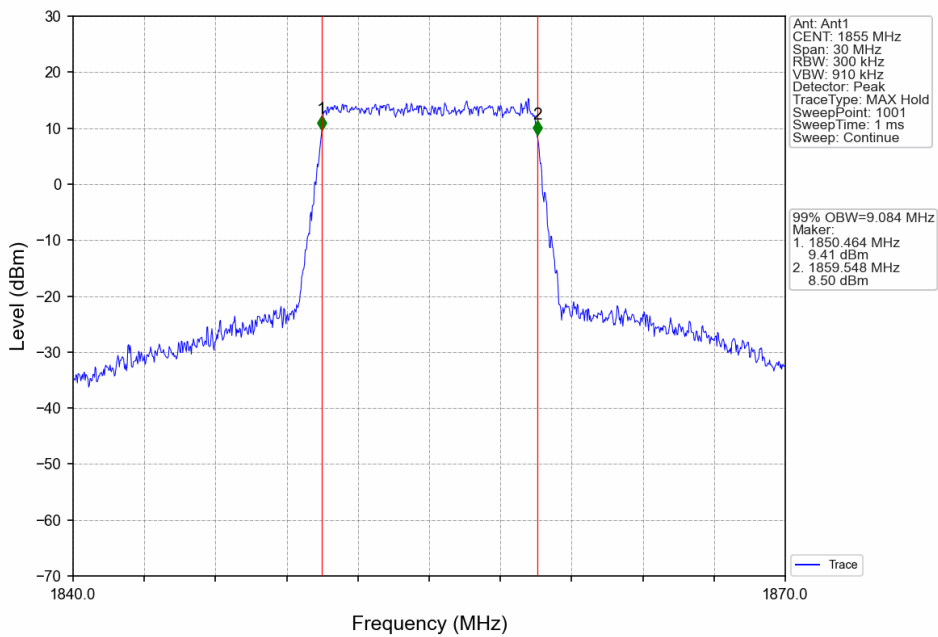
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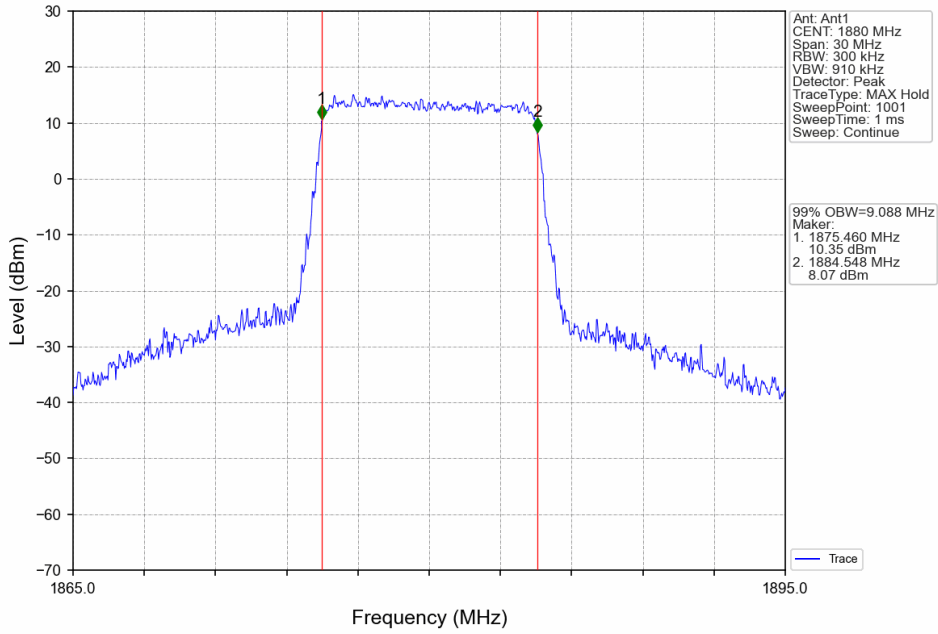
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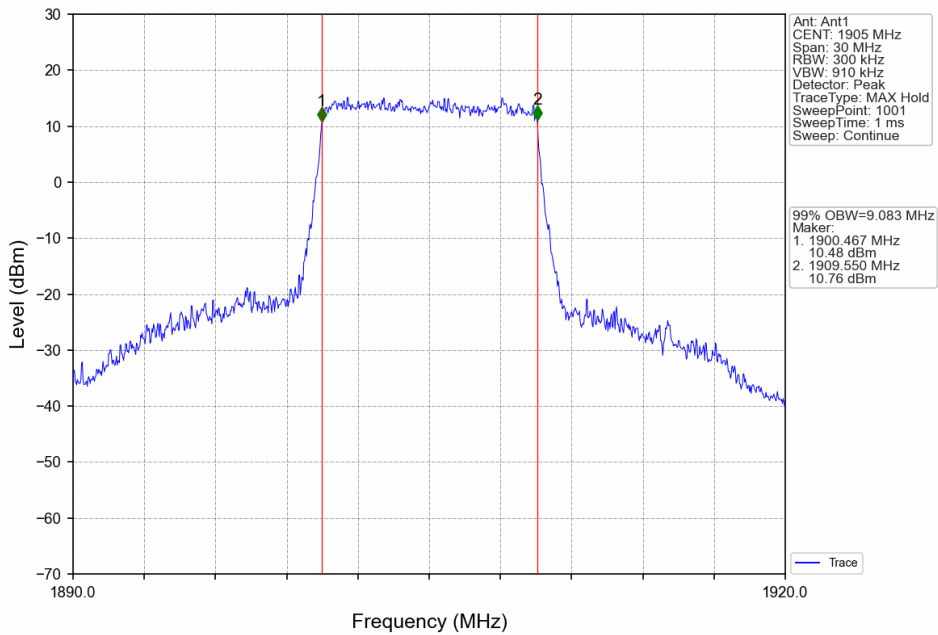
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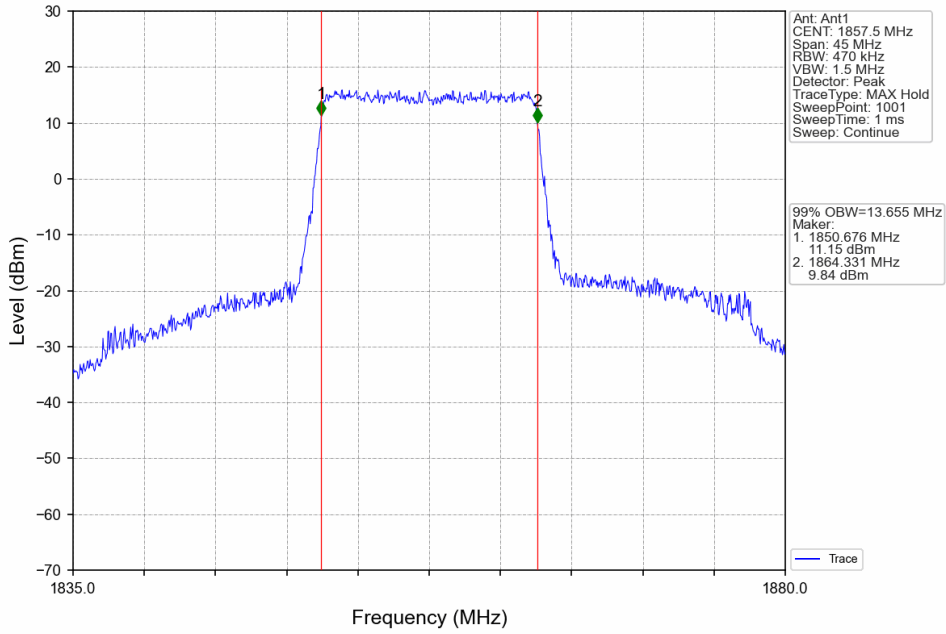
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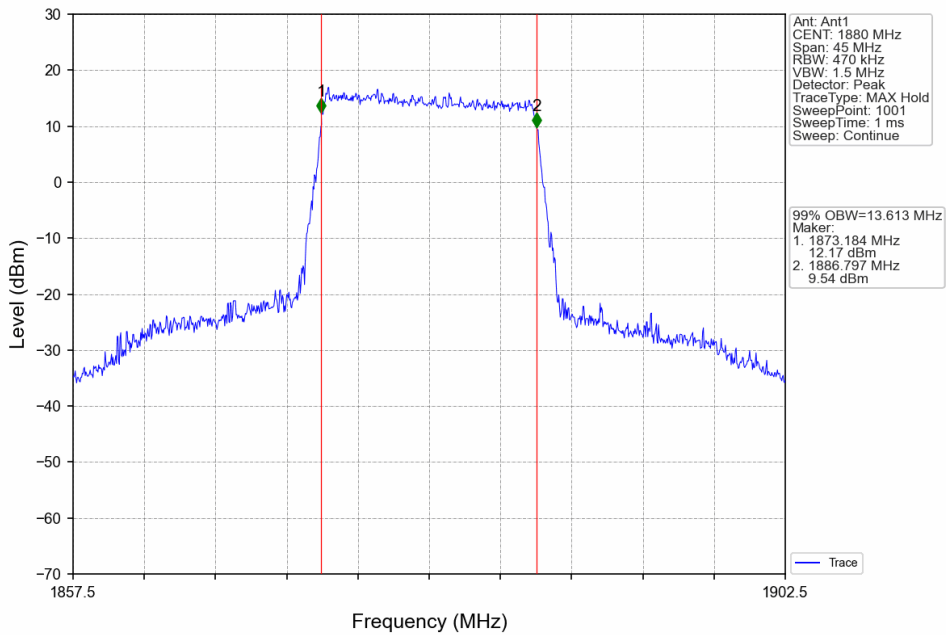
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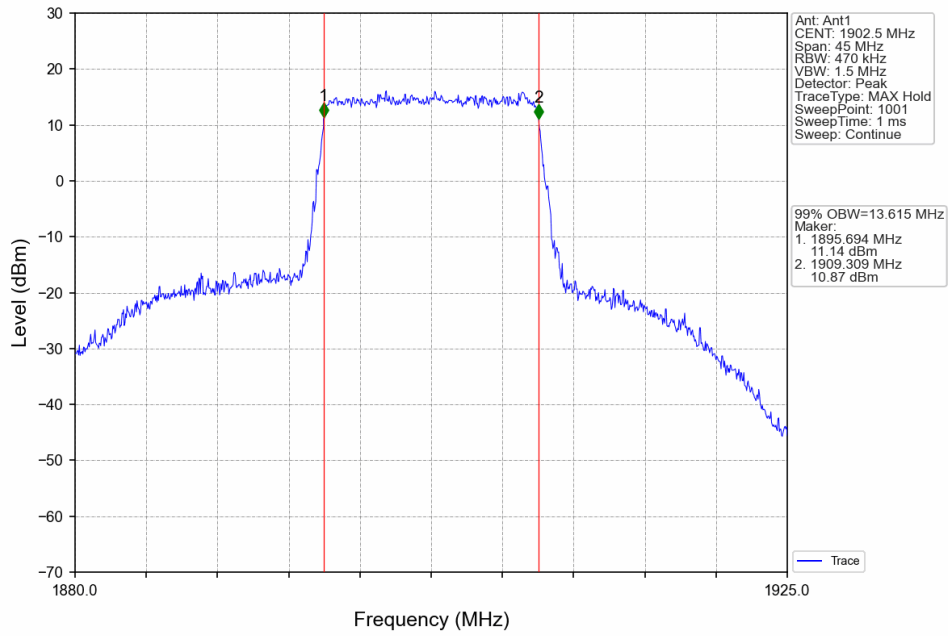
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



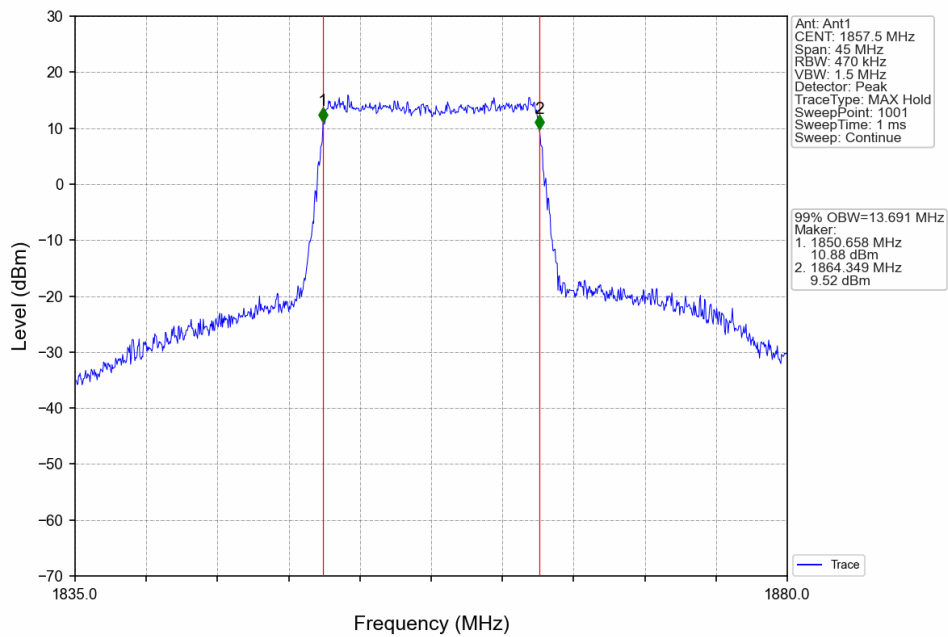
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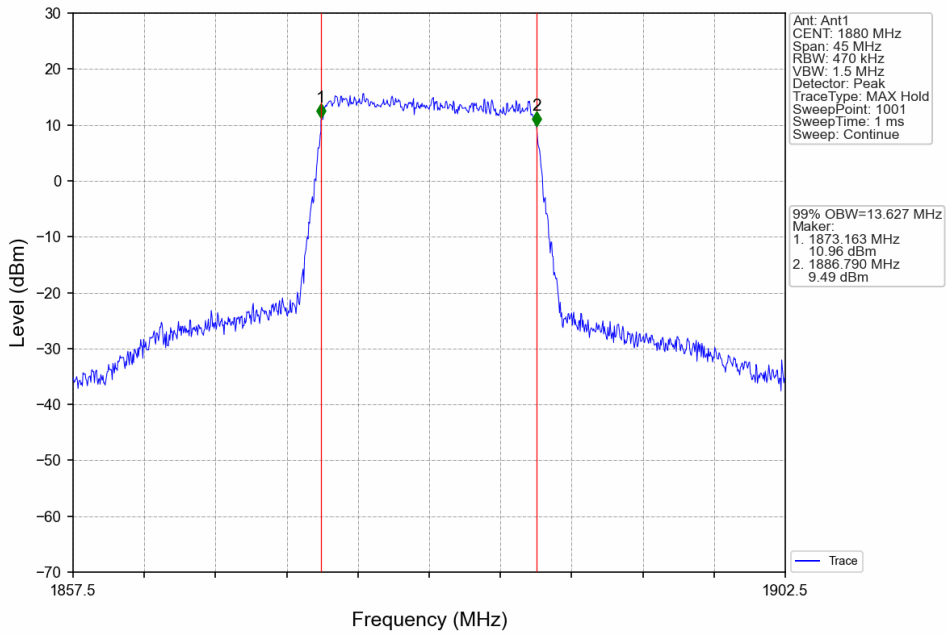
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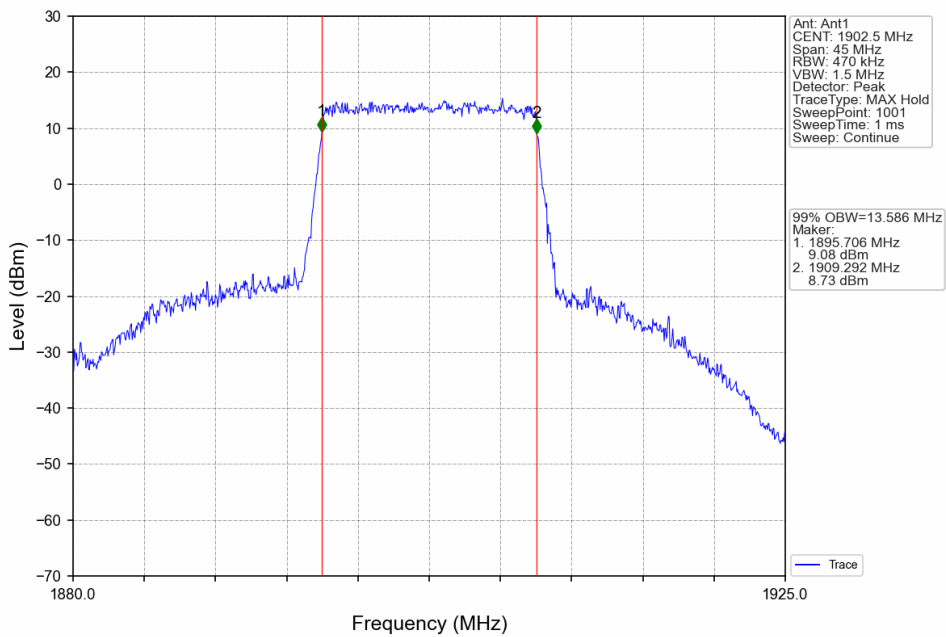
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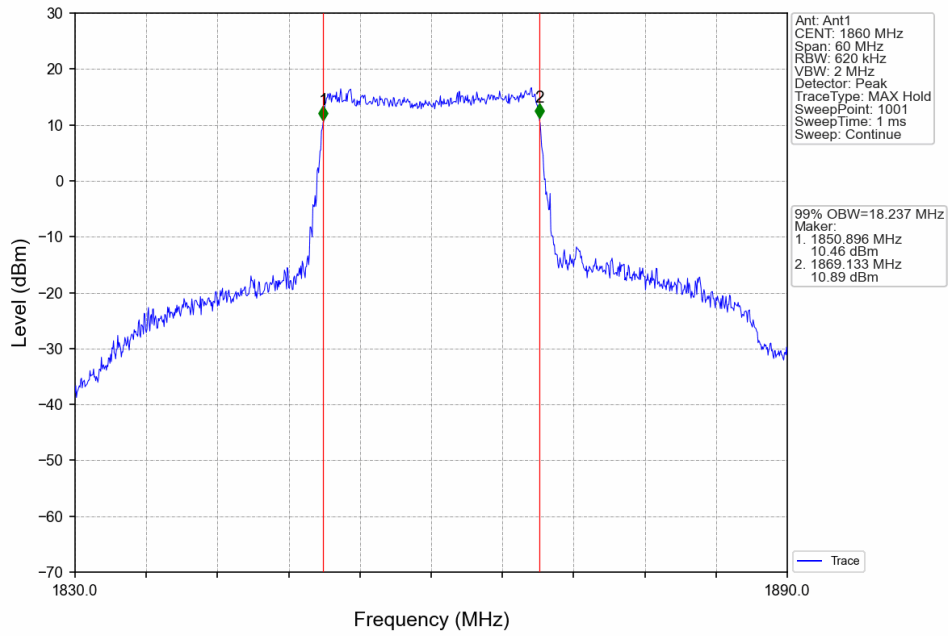
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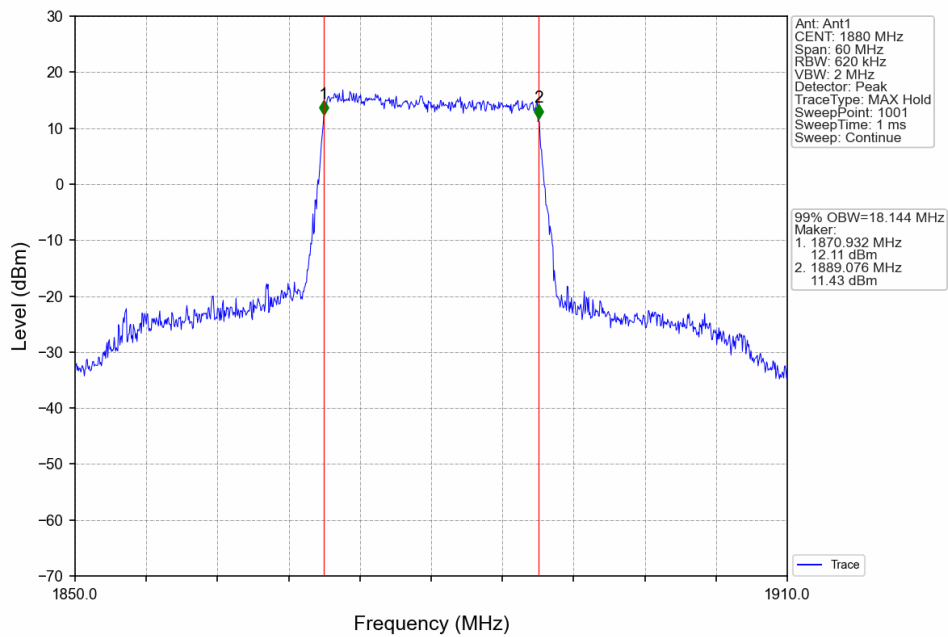
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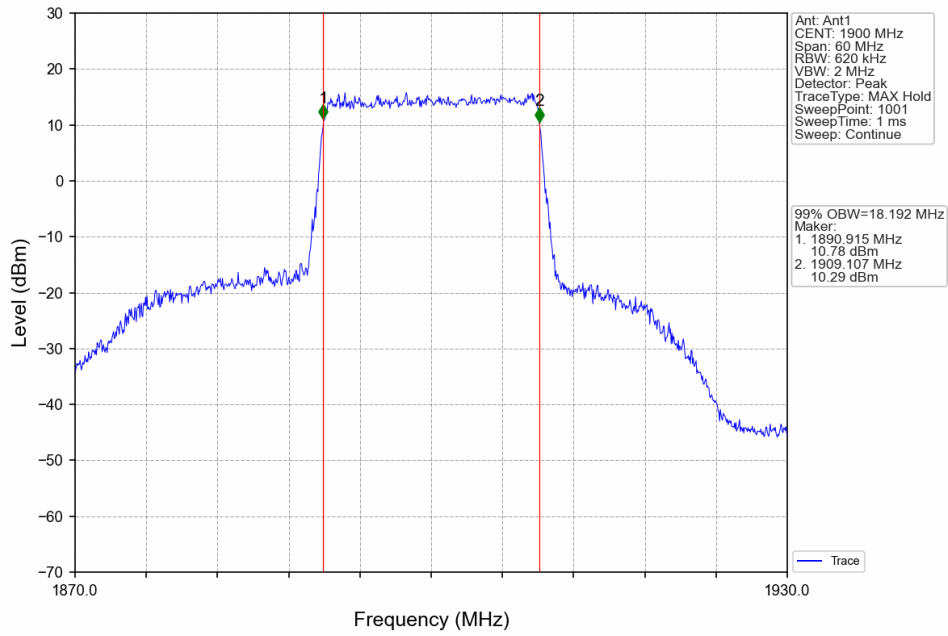
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



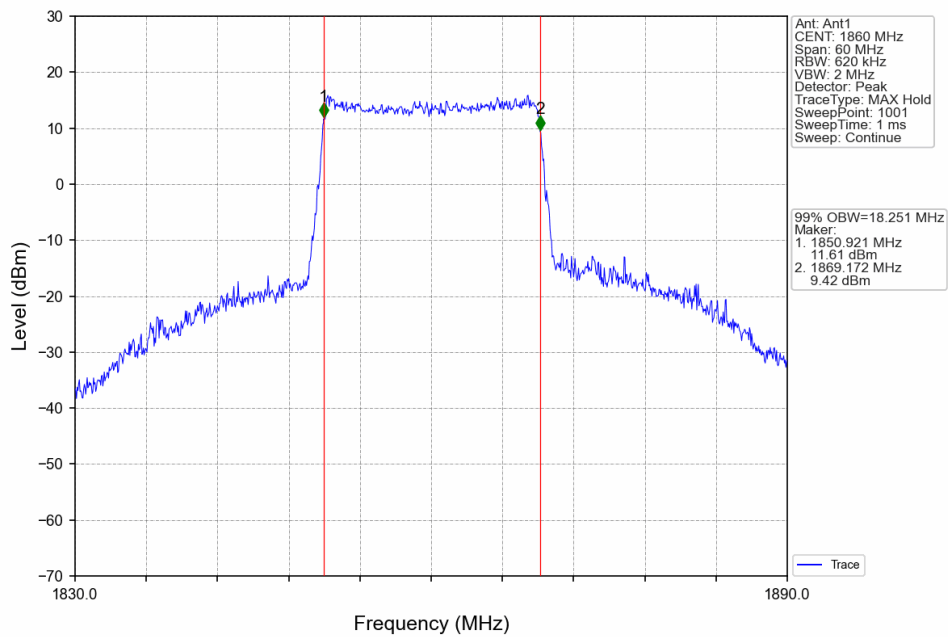
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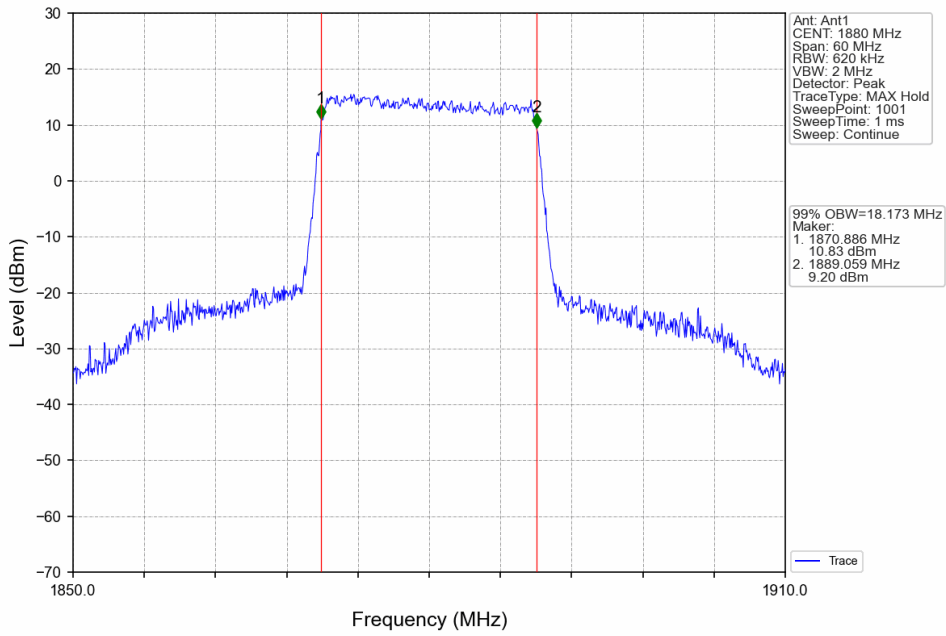
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



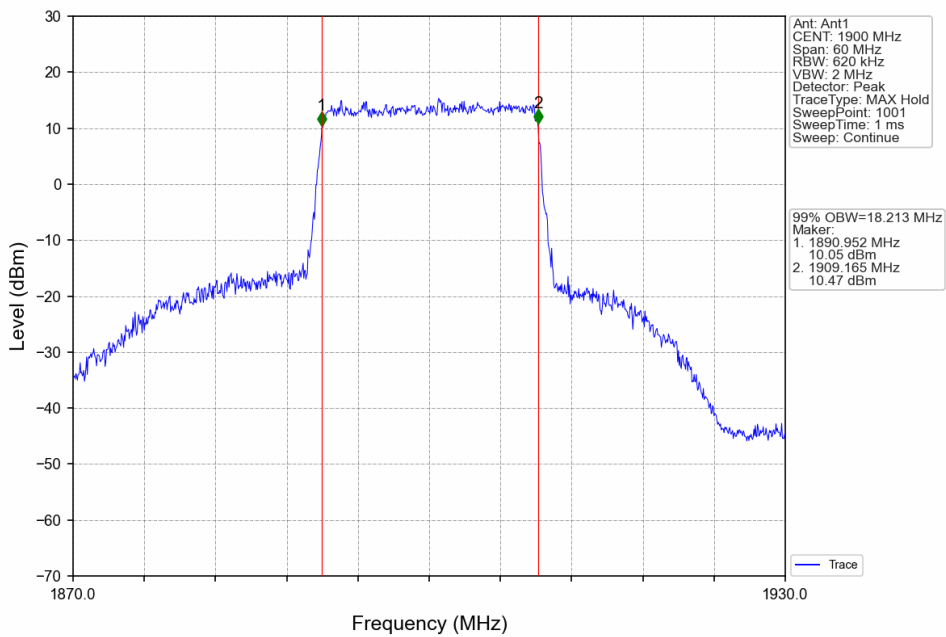
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

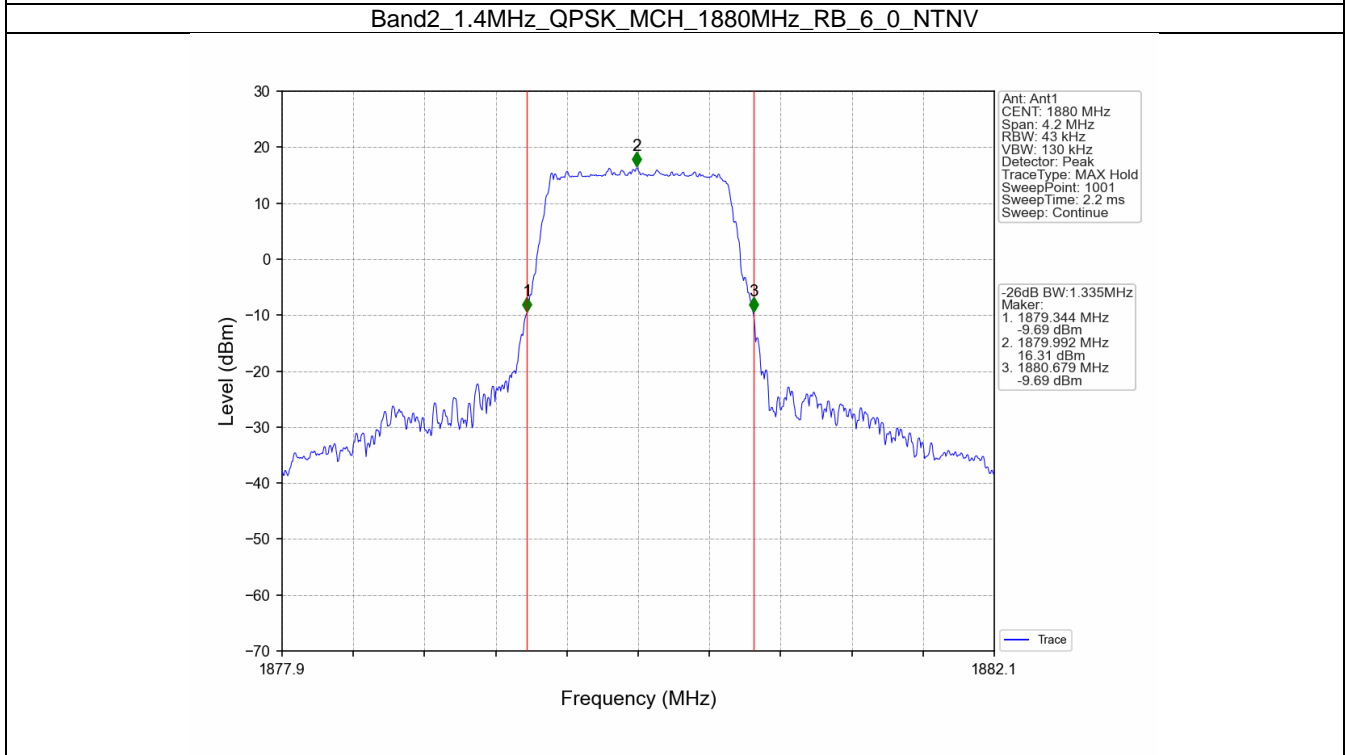
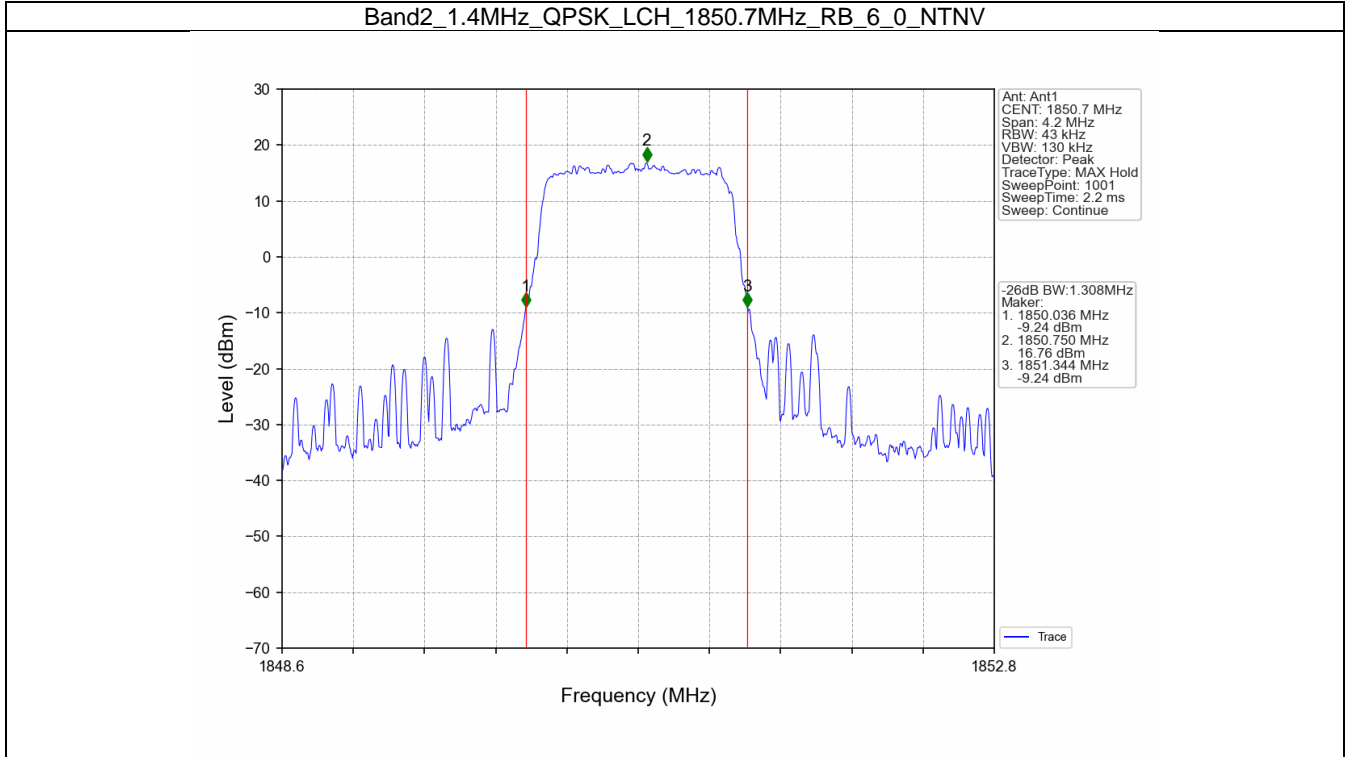


4.2 Band2_XDB

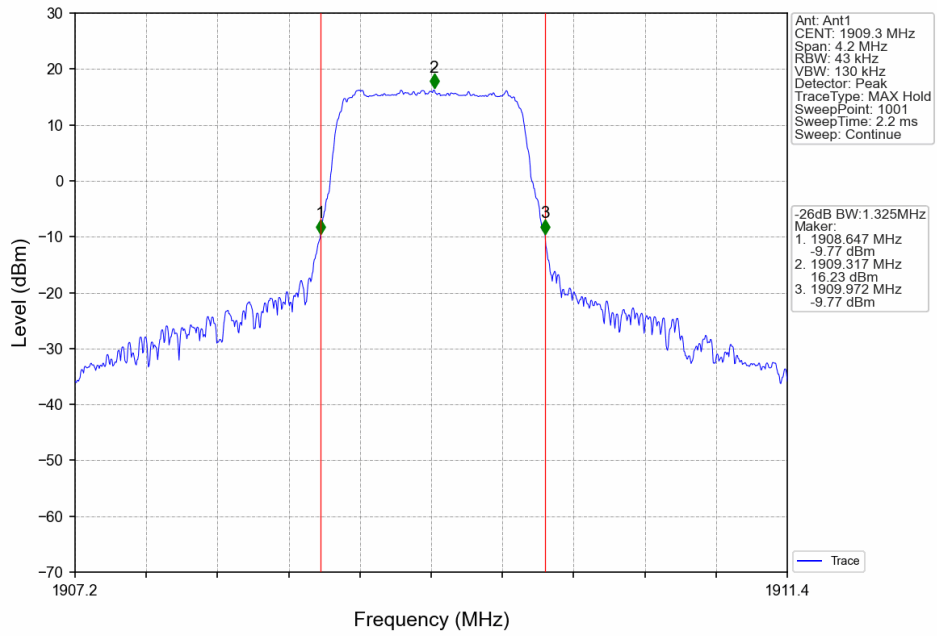
4.2.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.308	Pass
		1880	6	0	1.335	Pass
		1909.3	6	0	1.325	Pass
	16QAM	1850.7	6	0	1.316	Pass
		1880	6	0	1.315	Pass
		1909.3	6	0	1.332	Pass
3	QPSK	1851.5	15	0	2.991	Pass
		1880	15	0	3.002	Pass
		1908.5	15	0	2.989	Pass
	16QAM	1851.5	15	0	2.990	Pass
		1880	15	0	2.999	Pass
		1908.5	15	0	2.982	Pass
5	QPSK	1852.5	25	0	5.246	Pass
		1880	25	0	5.276	Pass
		1907.5	25	0	5.223	Pass
	16QAM	1852.5	25	0	5.294	Pass
		1880	25	0	5.305	Pass
		1907.5	25	0	5.284	Pass
10	QPSK	1855	50	0	10.265	Pass
		1880	50	0	10.233	Pass
		1905	50	0	10.268	Pass
	16QAM	1855	50	0	10.334	Pass
		1880	50	0	10.214	Pass
		1905	50	0	10.241	Pass
15	QPSK	1857.5	75	0	15.477	Pass
		1880	75	0	15.420	Pass
		1902.5	75	0	15.213	Pass
	16QAM	1857.5	75	0	15.281	Pass
		1880	75	0	15.307	Pass
		1902.5	75	0	15.350	Pass
20	QPSK	1860	100	0	20.329	Pass
		1880	100	0	20.176	Pass
		1900	100	0	20.182	Pass
	16QAM	1860	100	0	20.192	Pass
		1880	100	0	20.133	Pass
		1900	100	0	20.010	Pass

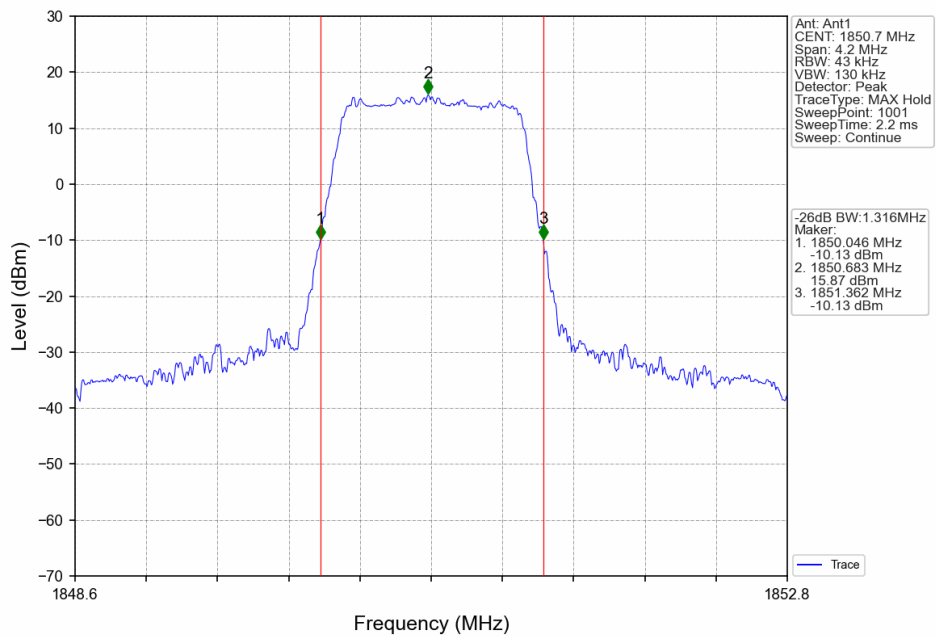
4.2.2 Test Graph



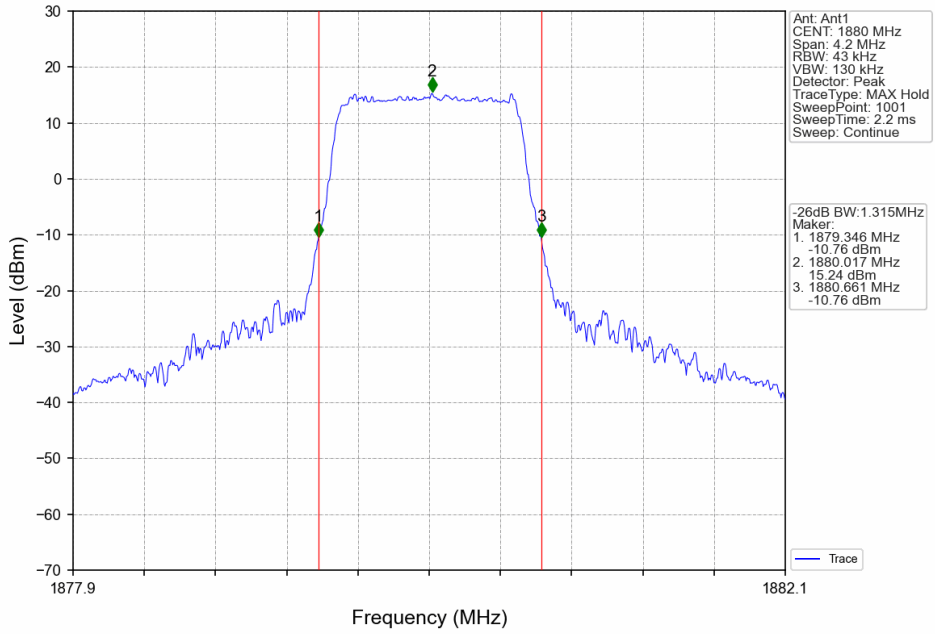
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



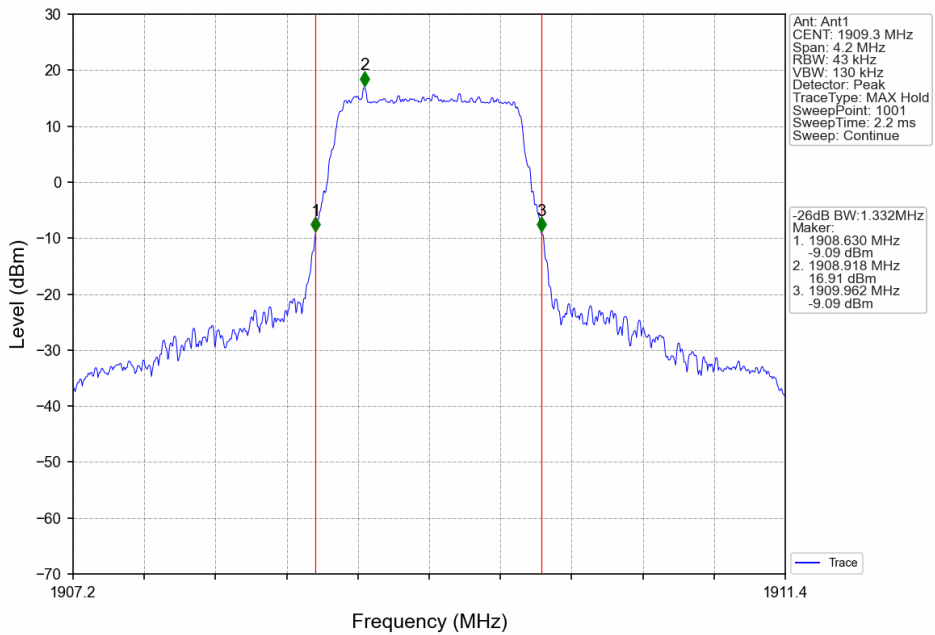
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



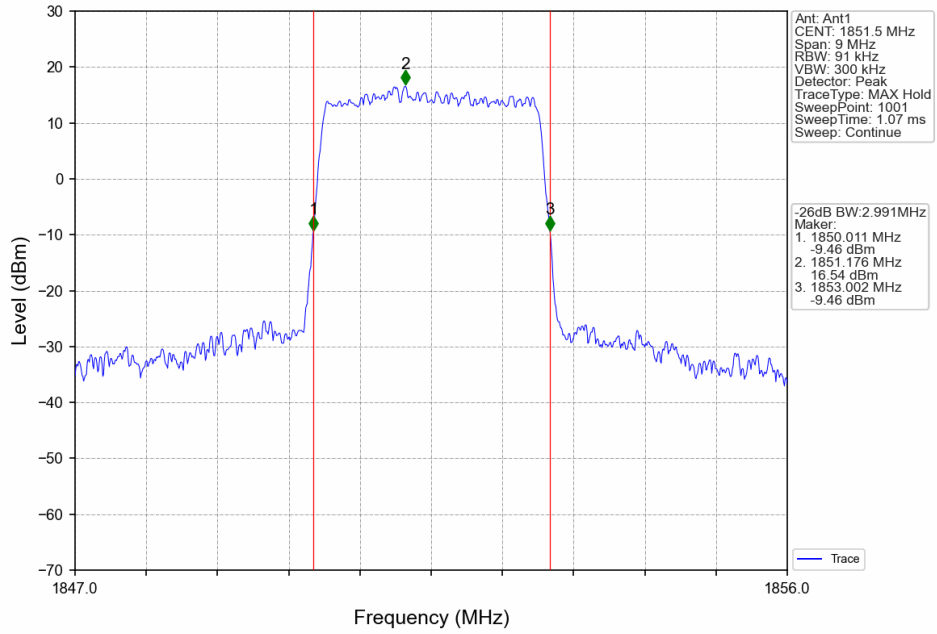
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



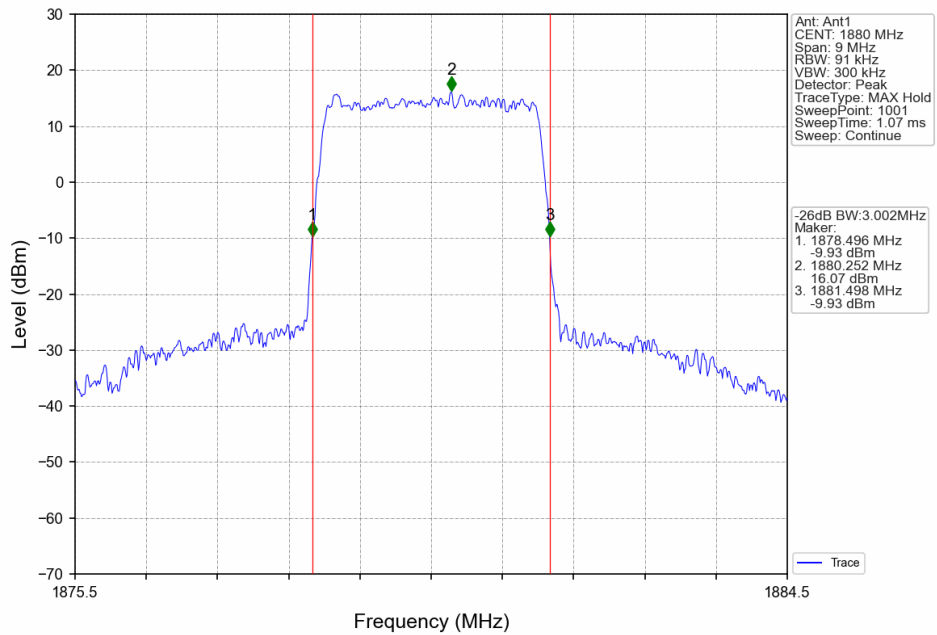
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



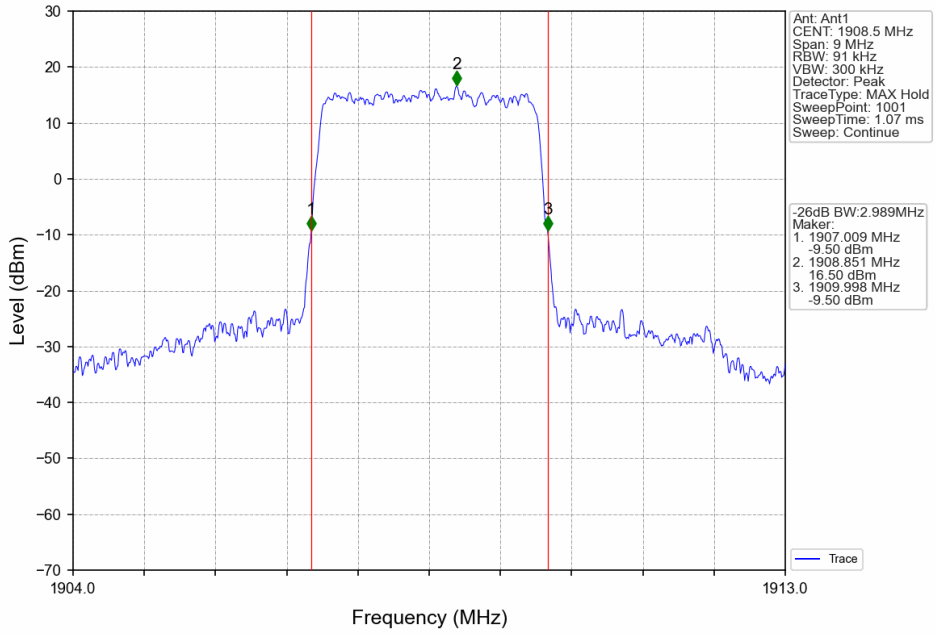
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



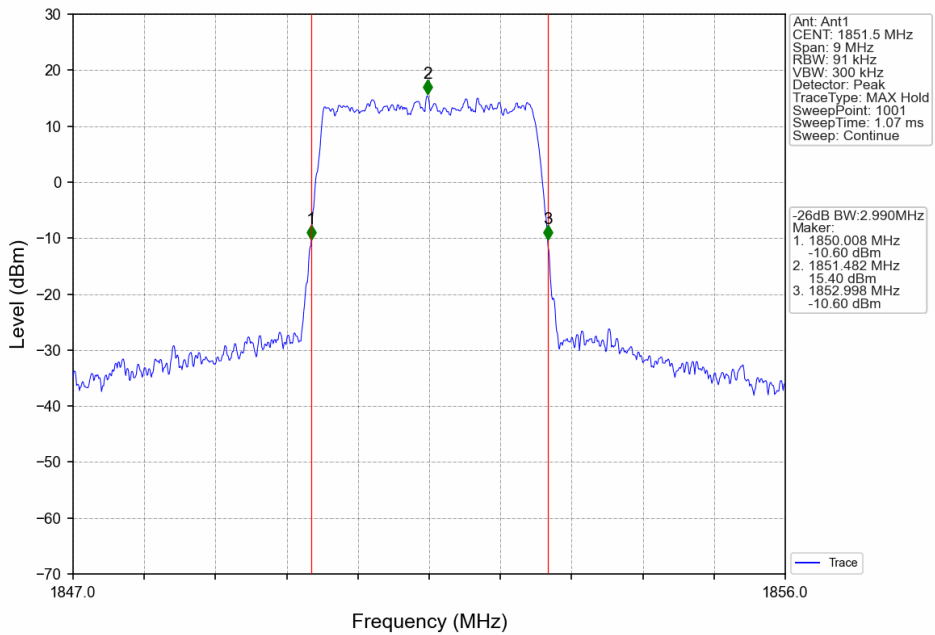
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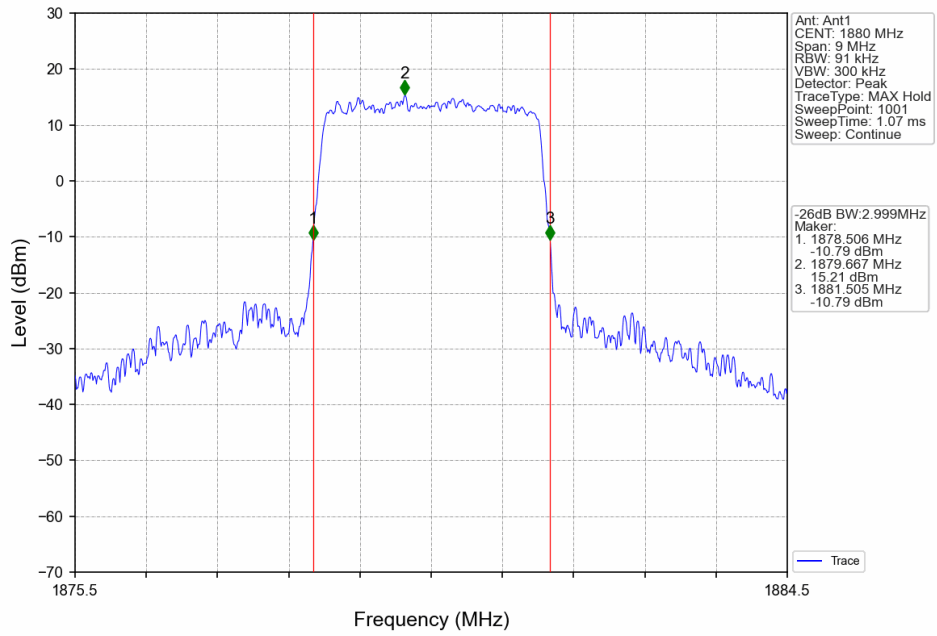
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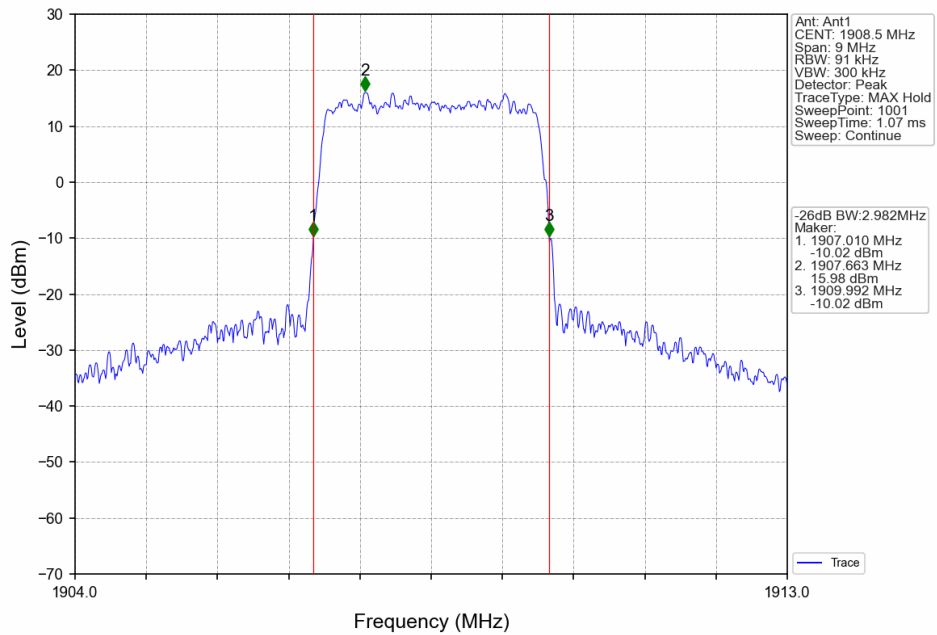
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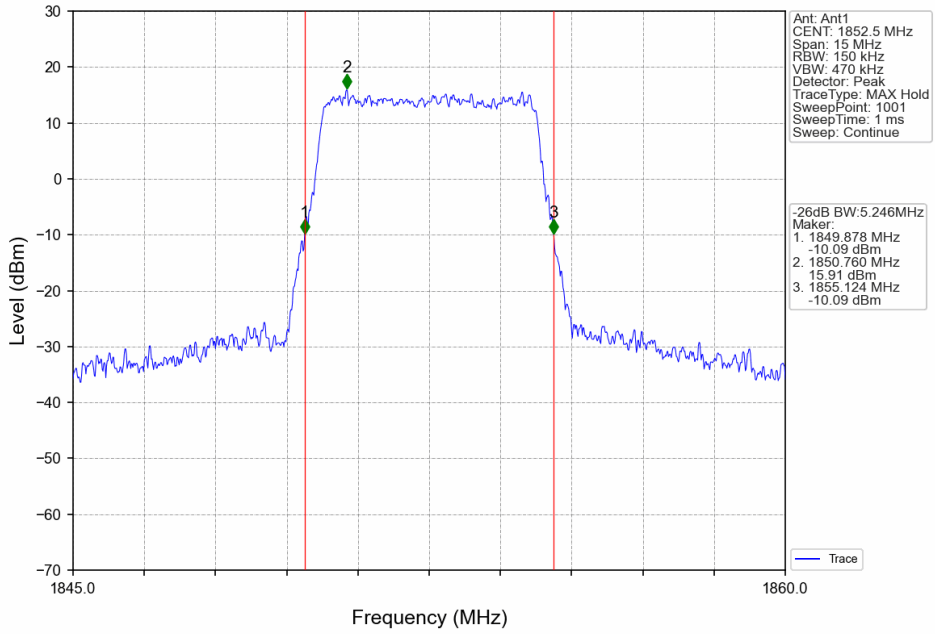
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



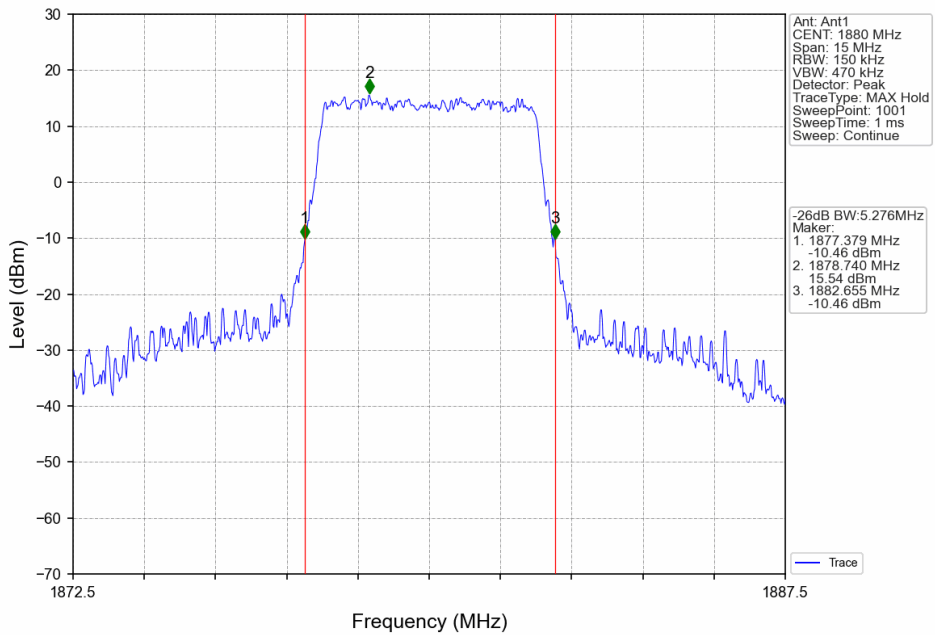
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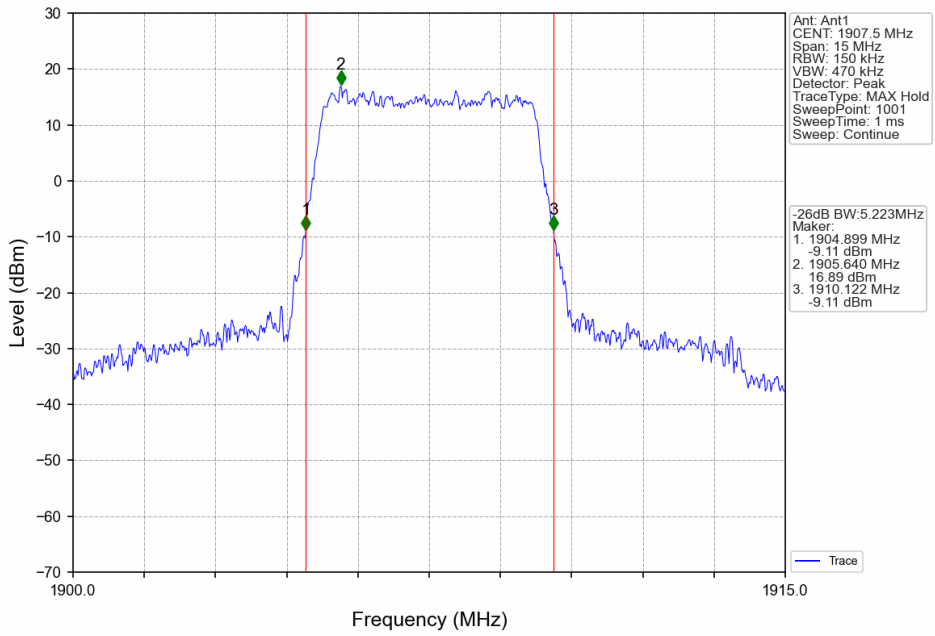
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



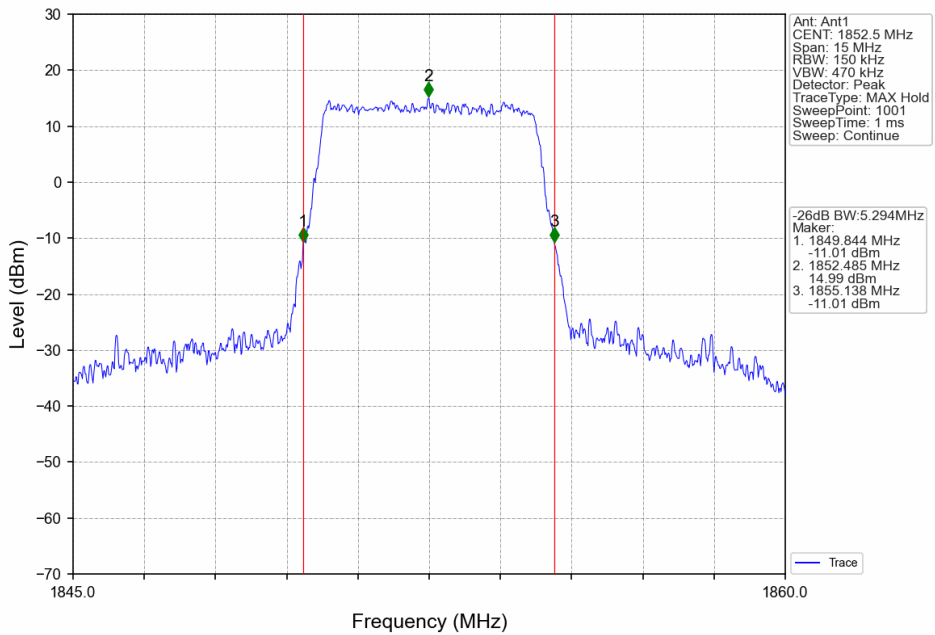
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



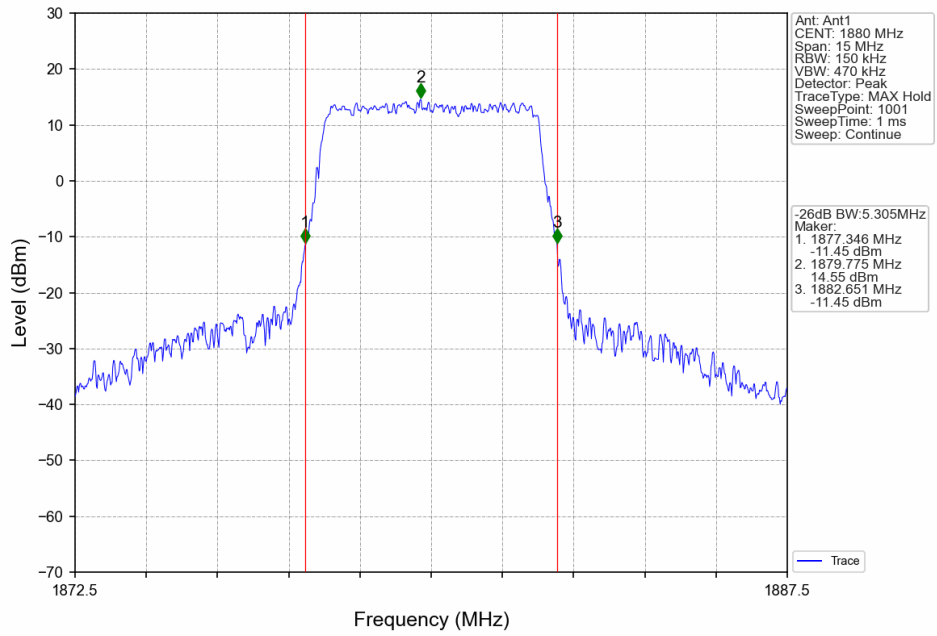
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



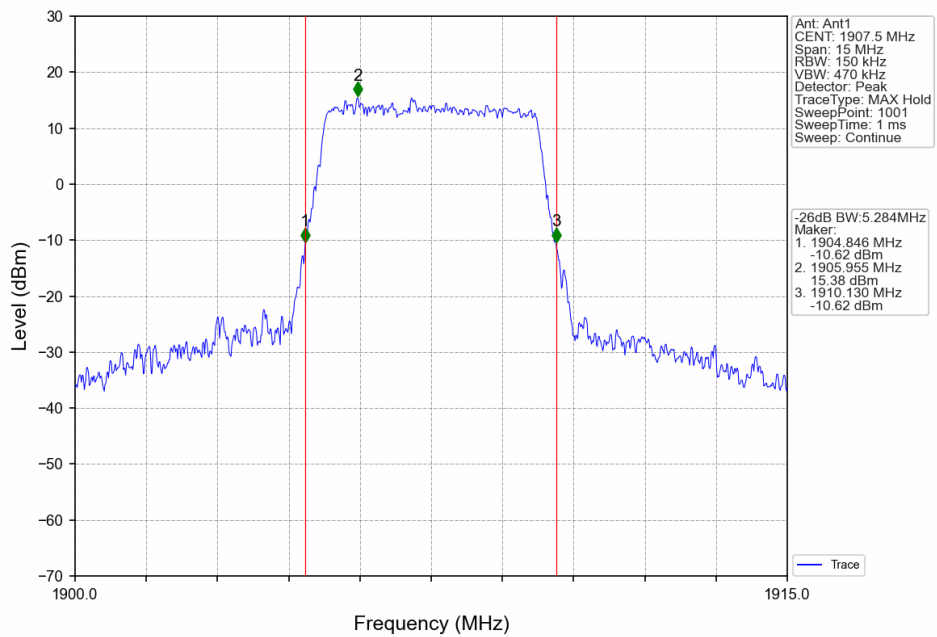
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



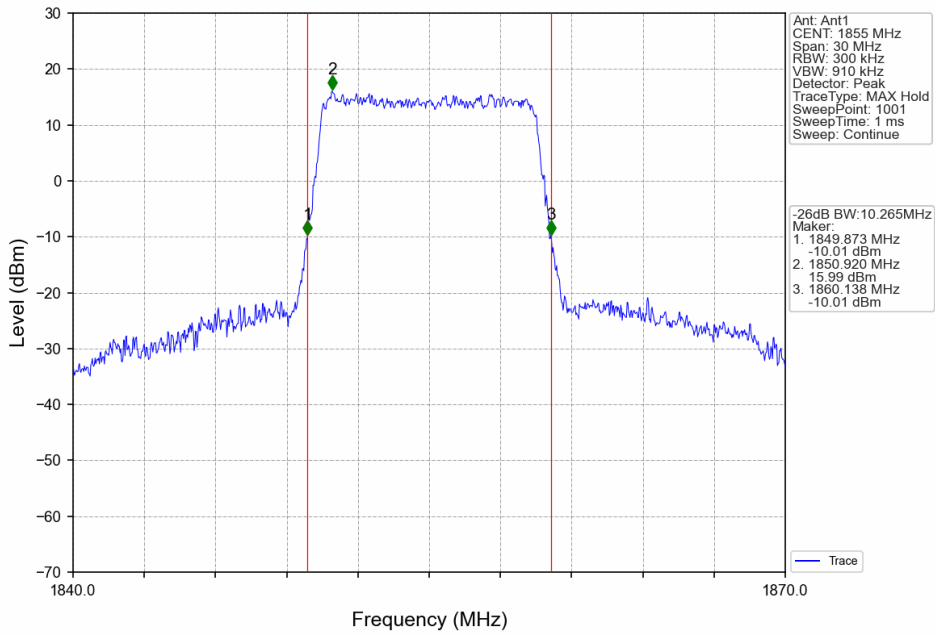
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



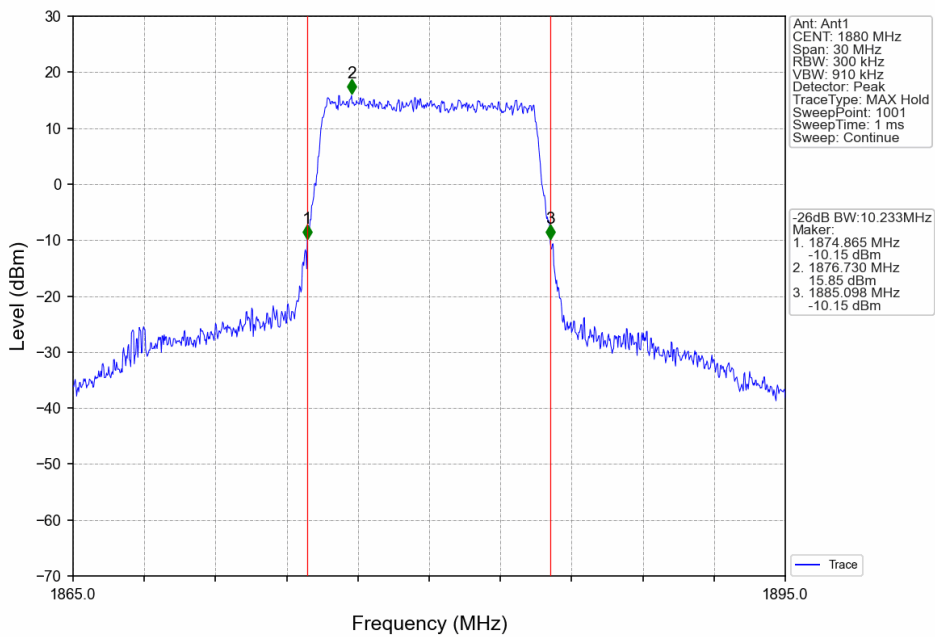
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



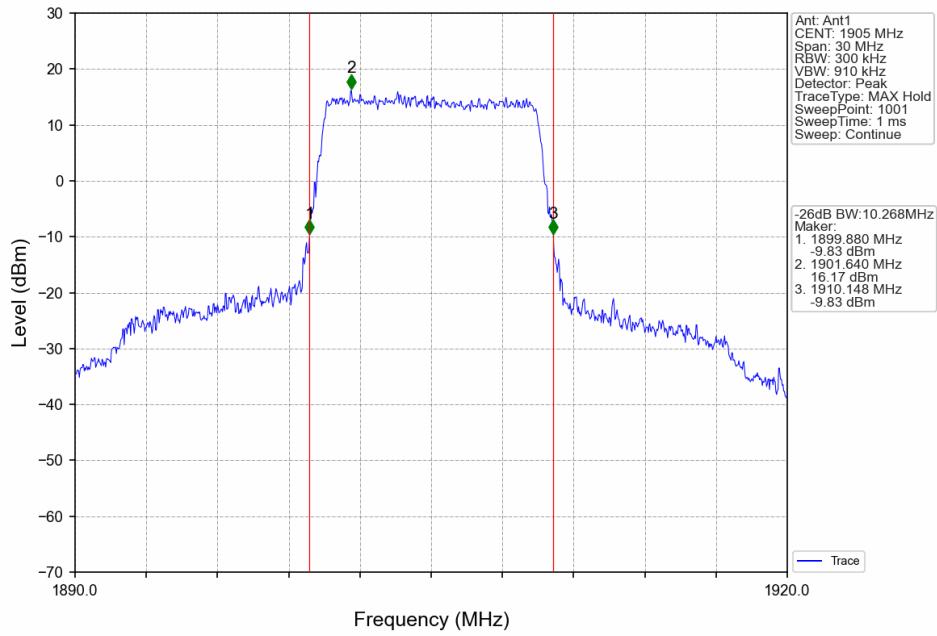
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



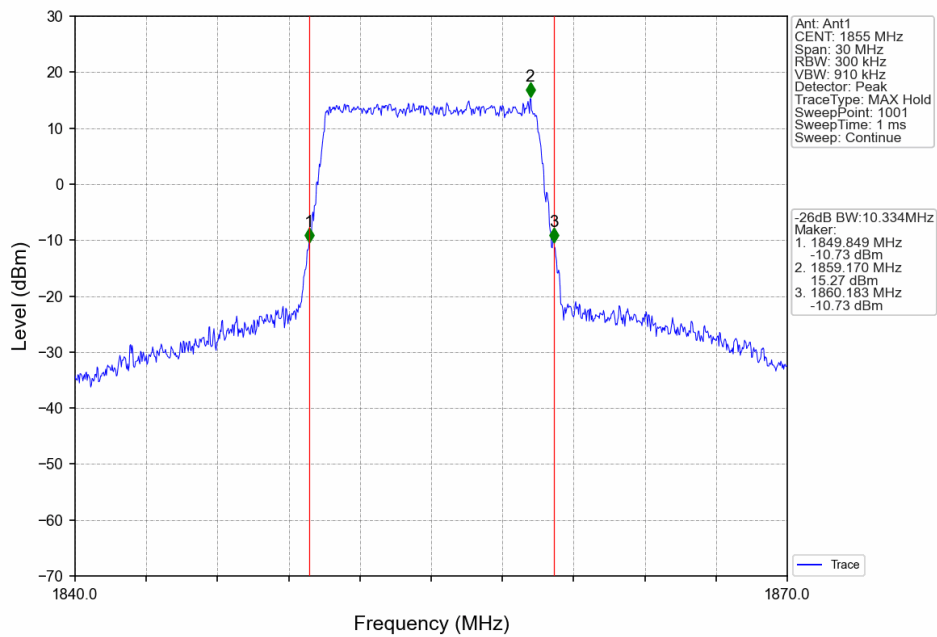
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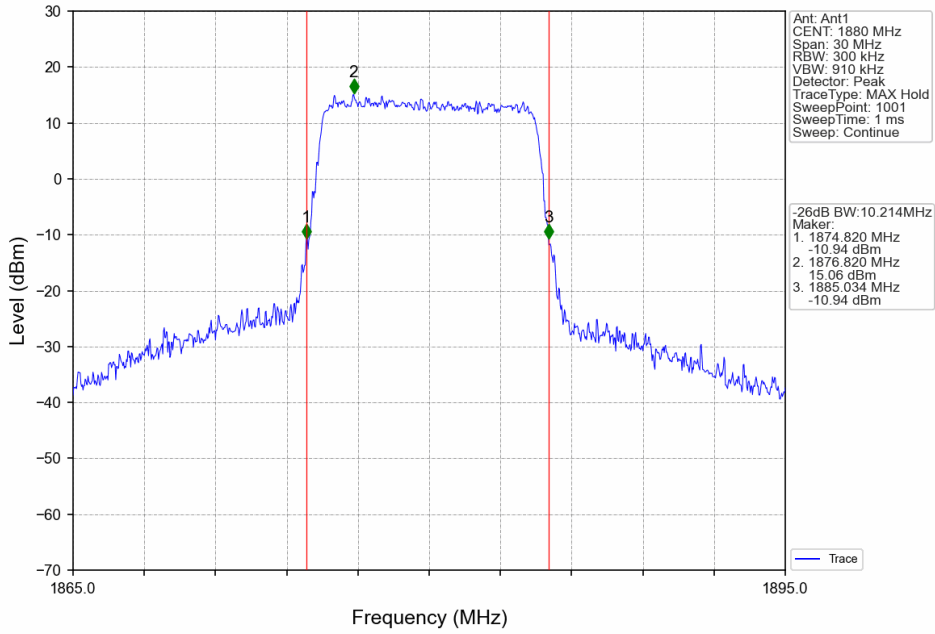
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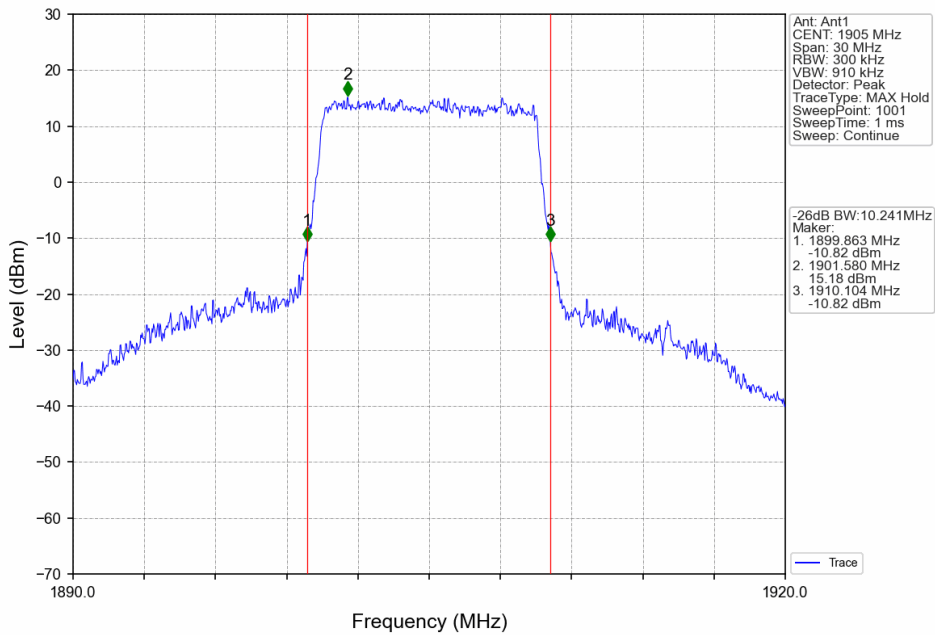
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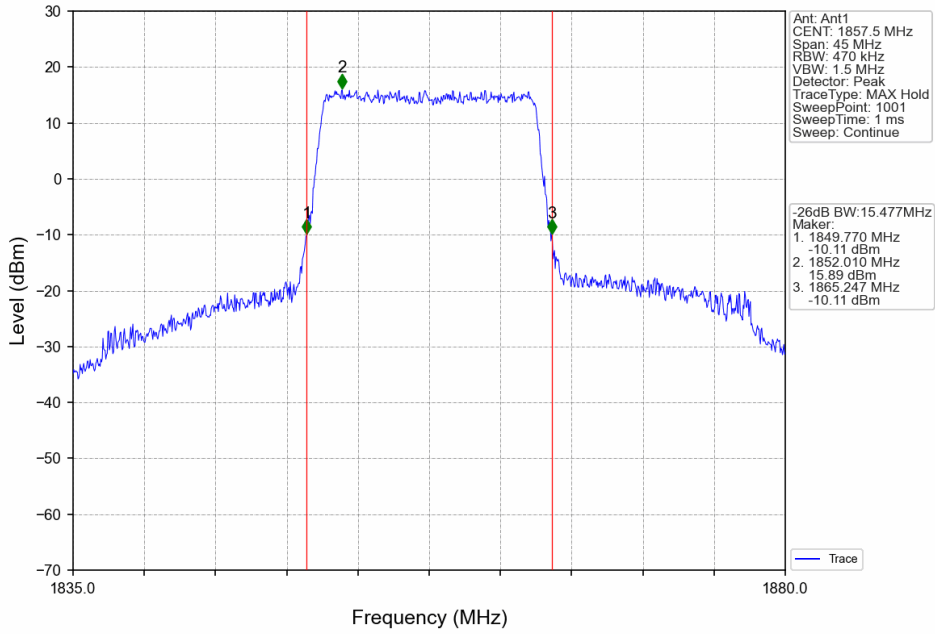
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



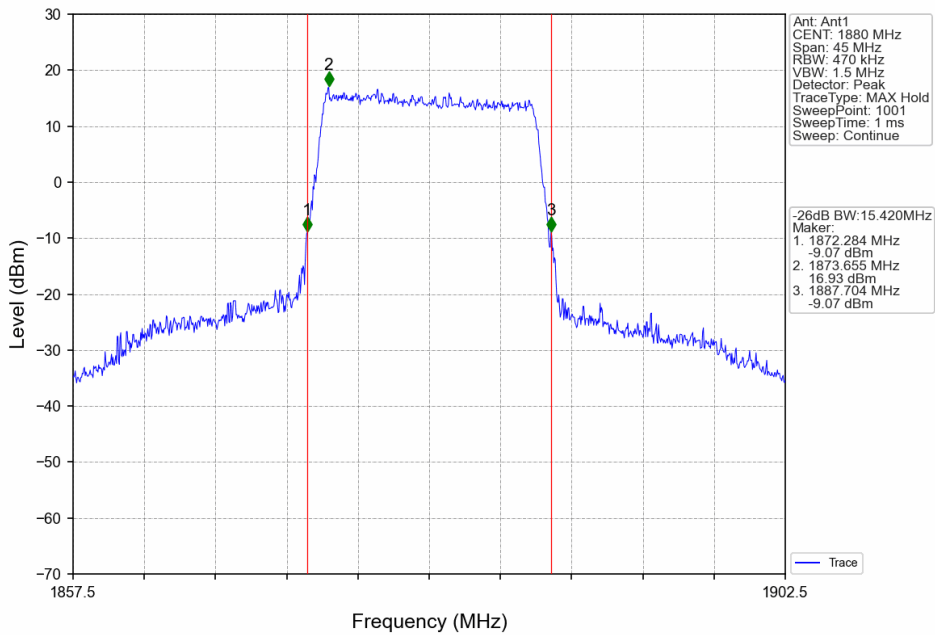
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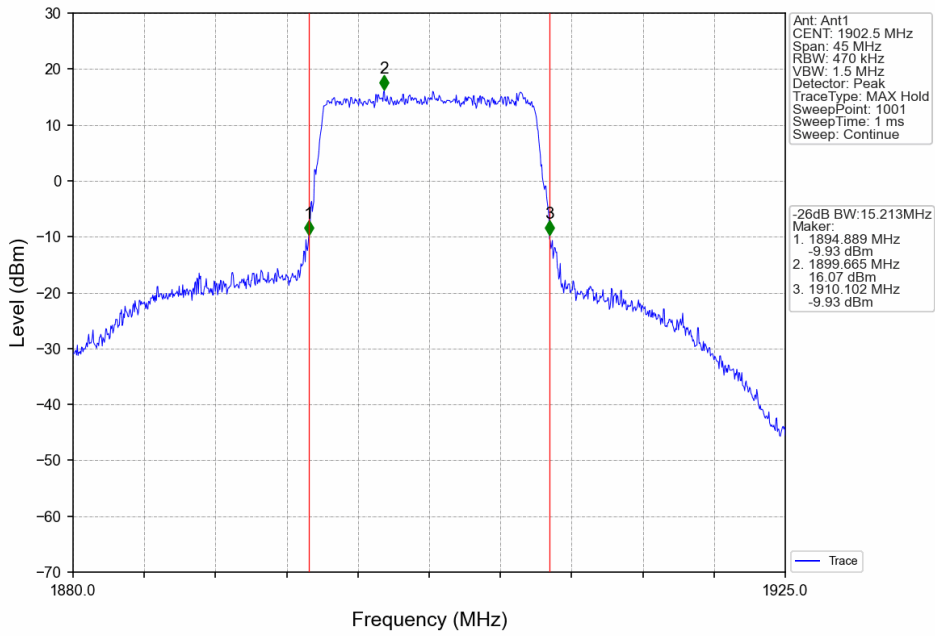
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



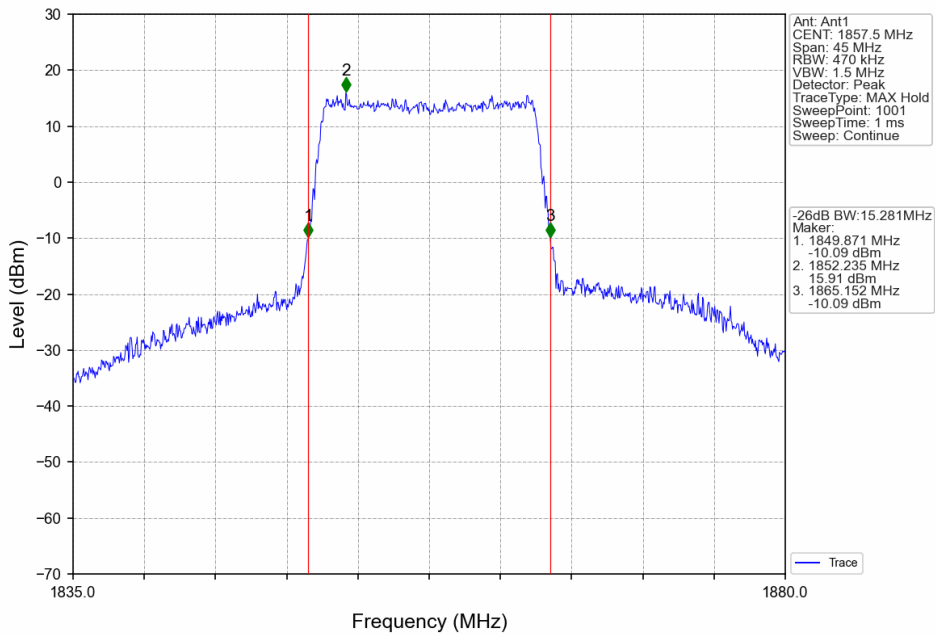
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



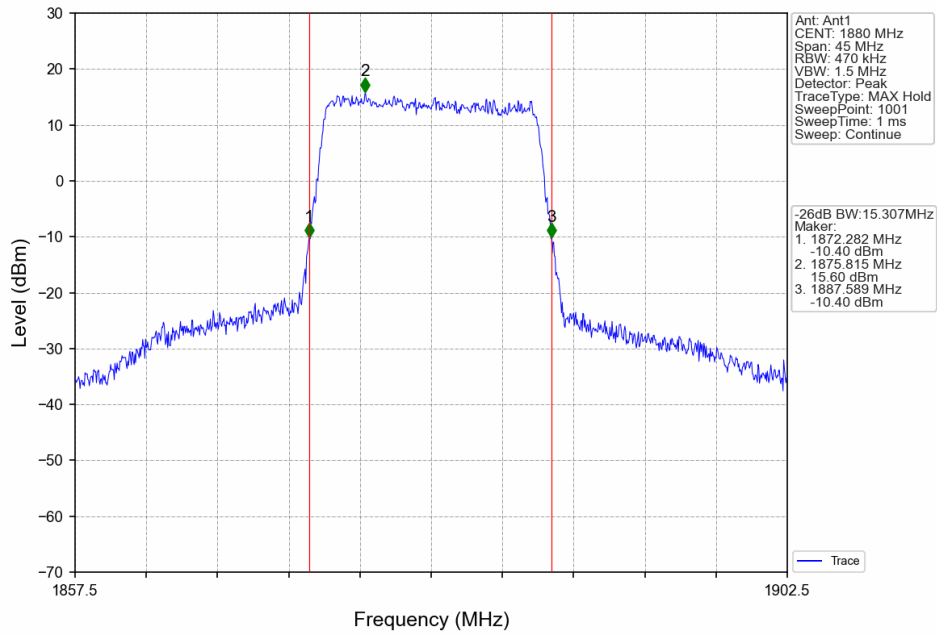
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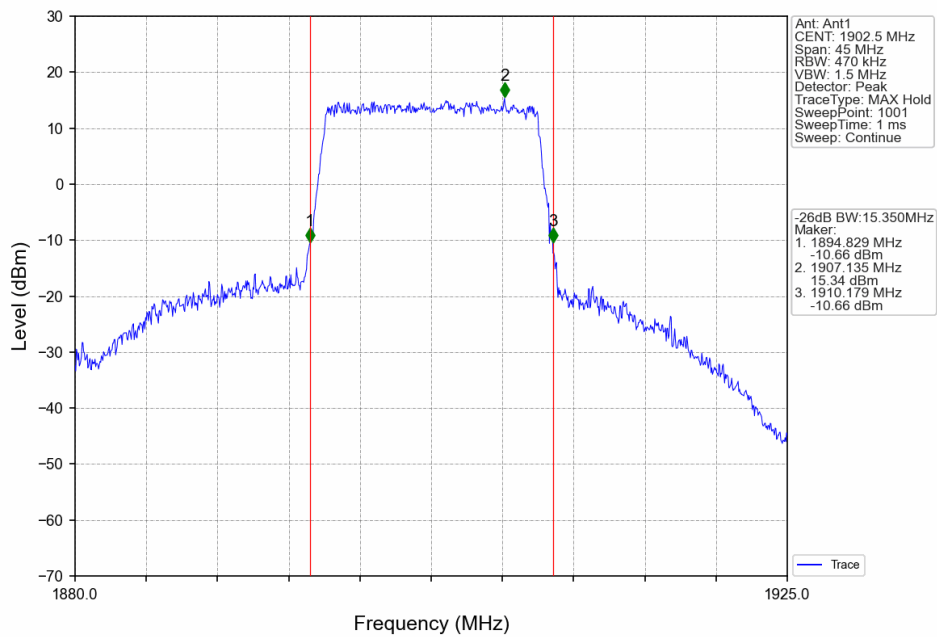
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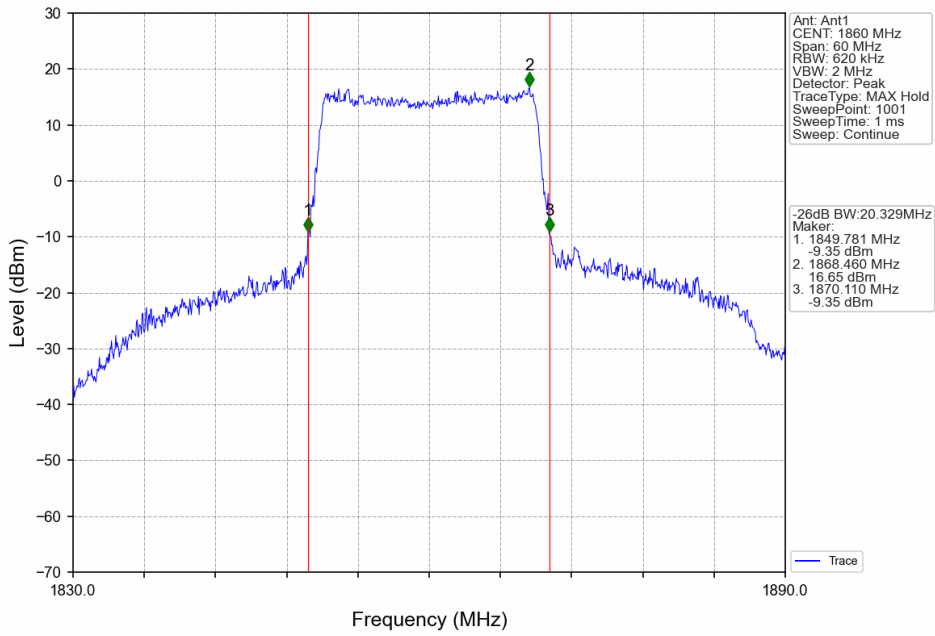
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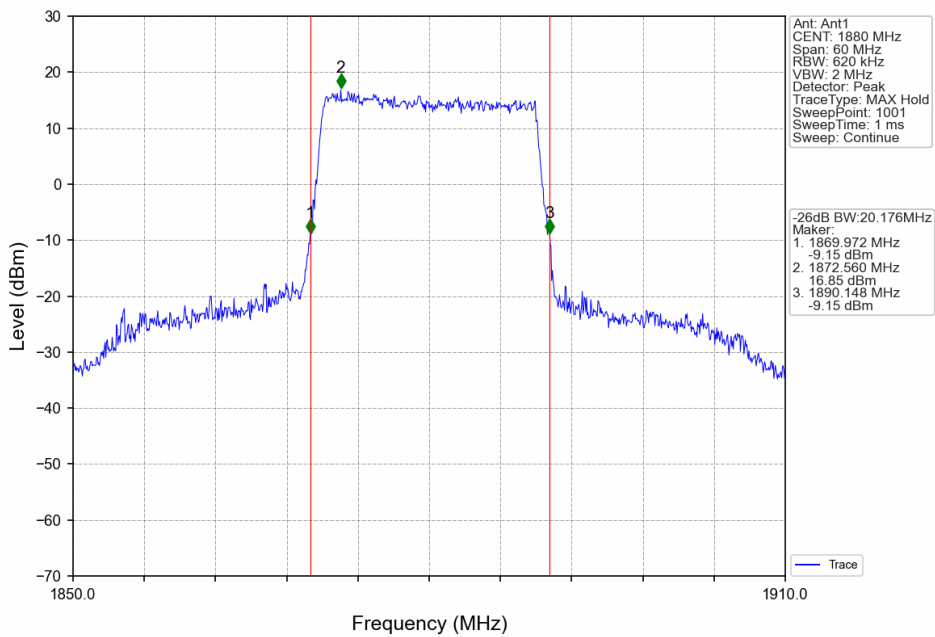
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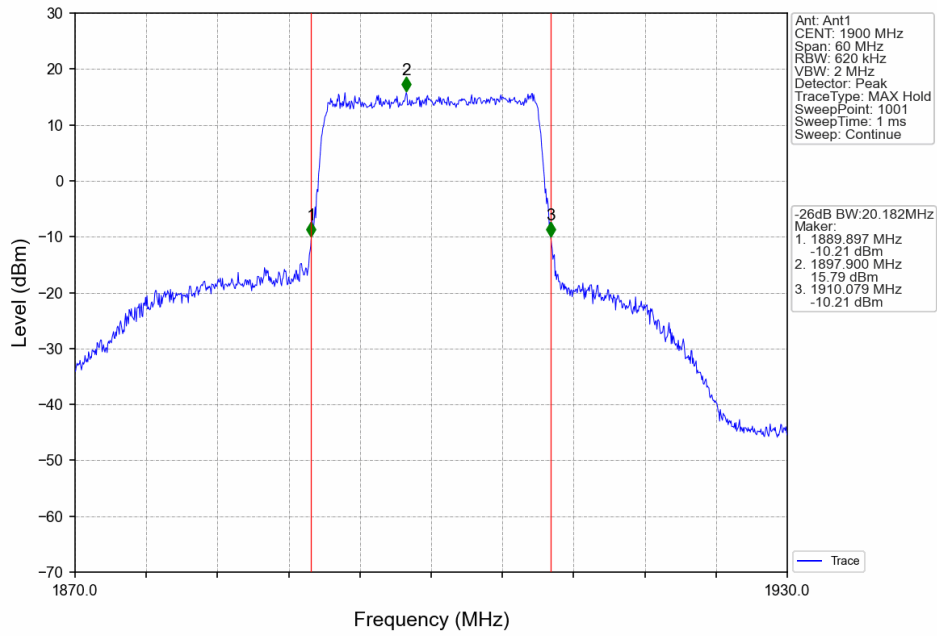
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



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

