

1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	22.22	0.37	22.59	<=33.01	Pass
			2	22.36	0.37	22.73	<=33.01	Pass
			5	22.21	0.37	22.58	<=33.01	Pass
		3	0	22.29	0.37	22.66	<=33.01	Pass
			2	22.33	0.37	22.70	<=33.01	Pass
			3	22.30	0.37	22.67	<=33.01	Pass
	6	0	21.29	0.37	21.66	<=33.01	Pass	
	1882.5	1	0	21.92	0.37	22.29	<=33.01	Pass
			2	22.02	0.37	22.39	<=33.01	Pass
			5	21.91	0.37	22.28	<=33.01	Pass
		3	0	21.93	0.37	22.30	<=33.01	Pass
			2	21.97	0.37	22.34	<=33.01	Pass
			3	21.92	0.37	22.29	<=33.01	Pass
	6	0	20.98	0.37	21.35	<=33.01	Pass	
	1914.3	1	0	21.54	0.37	21.91	<=33.01	Pass
			2	21.68	0.37	22.05	<=33.01	Pass
			5	21.58	0.37	21.95	<=33.01	Pass
		3	0	21.70	0.37	22.07	<=33.01	Pass
2			21.73	0.37	22.10	<=33.01	Pass	
3			21.71	0.37	22.08	<=33.01	Pass	
6	0	20.61	0.37	20.98	<=33.01	Pass		
16QAM	1850.7	1	0	21.32	0.37	21.69	<=33.01	Pass
			2	21.47	0.37	21.84	<=33.01	Pass
			5	21.29	0.37	21.66	<=33.01	Pass
		3	0	21.19	0.37	21.56	<=33.01	Pass
			2	21.20	0.37	21.57	<=33.01	Pass
			3	21.20	0.37	21.57	<=33.01	Pass
	6	0	20.25	0.37	20.62	<=33.01	Pass	
	1882.5	1	0	20.76	0.37	21.13	<=33.01	Pass
			2	20.86	0.37	21.23	<=33.01	Pass
			5	20.77	0.37	21.14	<=33.01	Pass
		3	0	21.00	0.37	21.37	<=33.01	Pass
			2	21.04	0.37	21.41	<=33.01	Pass
			3	21.01	0.37	21.38	<=33.01	Pass
	6	0	19.90	0.37	20.27	<=33.01	Pass	
	1914.3	1	0	20.71	0.37	21.08	<=33.01	Pass
			2	20.84	0.37	21.21	<=33.01	Pass
			5	20.72	0.37	21.09	<=33.01	Pass
		3	0	20.65	0.37	21.02	<=33.01	Pass
2			20.68	0.37	21.05	<=33.01	Pass	
3			20.70	0.37	21.07	<=33.01	Pass	
6	0	19.69	0.37	20.06	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.42	0.37	22.79	<=33.01	Pass		
			7	22.53	0.37	22.90	<=33.01	Pass		
			14	22.33	0.37	22.70	<=33.01	Pass		
		8	0	21.29	0.37	21.66	<=33.01	Pass		
			4	21.34	0.37	21.71	<=33.01	Pass		
			7	21.32	0.37	21.69	<=33.01	Pass		
		15	0	21.29	0.37	21.66	<=33.01	Pass		
		1882.5	1	0	22.05	0.37	22.42	<=33.01	Pass	
				7	22.17	0.37	22.54	<=33.01	Pass	
	14			22.07	0.37	22.44	<=33.01	Pass		
	8		0	21.04	0.37	21.41	<=33.01	Pass		
			4	21.09	0.37	21.46	<=33.01	Pass		
			7	21.05	0.37	21.42	<=33.01	Pass		
	15		0	20.98	0.37	21.35	<=33.01	Pass		
	1913.5		1	0	21.73	0.37	22.10	<=33.01	Pass	
				7	21.89	0.37	22.26	<=33.01	Pass	
		14		21.81	0.37	22.18	<=33.01	Pass		
		8	0	20.77	0.37	21.14	<=33.01	Pass		
			4	20.80	0.37	21.17	<=33.01	Pass		
			7	20.78	0.37	21.15	<=33.01	Pass		
		15	0	20.79	0.37	21.16	<=33.01	Pass		
		16QAM	1851.5	1	0	21.29	0.37	21.66	<=33.01	Pass
					7	21.45	0.37	21.82	<=33.01	Pass
	14				21.22	0.37	21.59	<=33.01	Pass	
8	0			20.35	0.37	20.72	<=33.01	Pass		
	4			20.38	0.37	20.75	<=33.01	Pass		
	7			20.36	0.37	20.73	<=33.01	Pass		
15	0			20.31	0.37	20.68	<=33.01	Pass		
1882.5	1			0	21.12	0.37	21.49	<=33.01	Pass	
				7	21.24	0.37	21.61	<=33.01	Pass	
			14	21.11	0.37	21.48	<=33.01	Pass		
	8		0	19.96	0.37	20.33	<=33.01	Pass		
			4	20.01	0.37	20.38	<=33.01	Pass		
			7	19.96	0.37	20.33	<=33.01	Pass		
	15		0	19.94	0.37	20.31	<=33.01	Pass		
	1913.5		1	0	21.29	0.37	21.66	<=33.01	Pass	
				7	21.45	0.37	21.82	<=33.01	Pass	
14				21.33	0.37	21.70	<=33.01	Pass		
8			0	19.97	0.37	20.34	<=33.01	Pass		
			4	20.03	0.37	20.40	<=33.01	Pass		
			7	19.97	0.37	20.34	<=33.01	Pass		
15			0	19.88	0.37	20.25	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.18	0.37	22.55	<=33.01	Pass
			13	22.22	0.37	22.59	<=33.01	Pass
			24	22.09	0.37	22.46	<=33.01	Pass

		12	0	21.16	0.37	21.53	<=33.01	Pass		
			6	21.22	0.37	21.59	<=33.01	Pass		
			13	21.12	0.37	21.49	<=33.01	Pass		
		25	0	21.15	0.37	21.52	<=33.01	Pass		
			1882.5	1	0	21.90	0.37	22.27	<=33.01	Pass
					13	22.01	0.37	22.38	<=33.01	Pass
		24			21.84	0.37	22.21	<=33.01	Pass	
		12	12	0	20.80	0.37	21.17	<=33.01	Pass	
				6	20.97	0.37	21.34	<=33.01	Pass	
	13			20.93	0.37	21.30	<=33.01	Pass		
	25	1912.5	1	0	21.54	0.37	21.91	<=33.01	Pass	
				13	21.70	0.37	22.07	<=33.01	Pass	
				24	21.69	0.37	22.06	<=33.01	Pass	
	12	12	12	0	20.70	0.37	21.07	<=33.01	Pass	
				6	20.69	0.37	21.06	<=33.01	Pass	
				13	20.59	0.37	20.96	<=33.01	Pass	
	25	1852.5	1	0	21.20	0.37	21.57	<=33.01	Pass	
				13	21.25	0.37	21.62	<=33.01	Pass	
				24	21.13	0.37	21.50	<=33.01	Pass	
	12	1882.5	12	0	20.14	0.37	20.51	<=33.01	Pass	
				6	20.22	0.37	20.59	<=33.01	Pass	
				13	20.11	0.37	20.48	<=33.01	Pass	
	25	1912.5	1	0	21.01	0.37	21.38	<=33.01	Pass	
				13	21.14	0.37	21.51	<=33.01	Pass	
24				21.00	0.37	21.37	<=33.01	Pass		
12	1882.5	12	0	19.84	0.37	20.21	<=33.01	Pass		
			6	19.95	0.37	20.32	<=33.01	Pass		
			13	19.94	0.37	20.31	<=33.01	Pass		
25	1912.5	1	0	19.80	0.37	20.17	<=33.01	Pass		
			12	12	0	20.32	0.37	20.69	<=33.01	Pass
					13	20.53	0.37	20.90	<=33.01	Pass
24	20.55	0.37			20.92	<=33.01	Pass			
25	1912.5	12	0	19.75	0.37	20.12	<=33.01	Pass		
			6	19.72	0.37	20.09	<=33.01	Pass		
			13	19.61	0.37	19.98	<=33.01	Pass		
25	1912.5	25	0	19.70	0.37	20.07	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	22.28	0.37	22.65	<=33.01	Pass	
			25	22.40	0.37	22.77	<=33.01	Pass	
			49	22.06	0.37	22.43	<=33.01	Pass	
		25	0	21.23	0.37	21.60	<=33.01	Pass	
			13	21.19	0.37	21.56	<=33.01	Pass	
			25	21.06	0.37	21.43	<=33.01	Pass	
	50	0	21.18	0.37	21.55	<=33.01	Pass		
		1882.5	1	0	21.92	0.37	22.29	<=33.01	Pass
				25	22.17	0.37	22.54	<=33.01	Pass

		25	49	21.86	0.37	22.23	<=33.01	Pass		
			0	20.81	0.37	21.18	<=33.01	Pass		
			13	20.93	0.37	21.30	<=33.01	Pass		
			25	21.03	0.37	21.40	<=33.01	Pass		
			50	0	20.92	0.37	21.29	<=33.01	Pass	
	1910	1	0	21.55	0.37	21.92	<=33.01	Pass		
			25	21.83	0.37	22.20	<=33.01	Pass		
			49	21.66	0.37	22.03	<=33.01	Pass		
		25	0	20.48	0.37	20.85	<=33.01	Pass		
			13	20.57	0.37	20.94	<=33.01	Pass		
			25	20.53	0.37	20.90	<=33.01	Pass		
		50	0	20.49	0.37	20.86	<=33.01	Pass		
		16QAM	1855	1	0	21.16	0.37	21.53	<=33.01	Pass
					25	21.34	0.37	21.71	<=33.01	Pass
	49				21.09	0.37	21.46	<=33.01	Pass	
25	0			20.32	0.37	20.69	<=33.01	Pass		
	13			20.30	0.37	20.67	<=33.01	Pass		
	25			20.17	0.37	20.54	<=33.01	Pass		
50	0		20.15	0.37	20.52	<=33.01	Pass			
1882.5	1		0	20.96	0.37	21.33	<=33.01	Pass		
			25	21.22	0.37	21.59	<=33.01	Pass		
			49	20.98	0.37	21.35	<=33.01	Pass		
	25		0	19.84	0.37	20.21	<=33.01	Pass		
			13	19.94	0.37	20.31	<=33.01	Pass		
			25	20.06	0.37	20.43	<=33.01	Pass		
50	0		19.94	0.37	20.31	<=33.01	Pass			
1910	1		0	20.83	0.37	21.20	<=33.01	Pass		
		25	21.23	0.37	21.60	<=33.01	Pass			
		49	21.21	0.37	21.58	<=33.01	Pass			
	25	0	19.50	0.37	19.87	<=33.01	Pass			
		13	19.66	0.37	20.03	<=33.01	Pass			
		25	19.56	0.37	19.93	<=33.01	Pass			
	50	0	19.51	0.37	19.88	<=33.01	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

1.5 B25_15MHz_EIRP

1.5.1 Test Result

Band: 25 / 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	22.10	0.37	22.47	<=33.01	Pass
			38	22.12	0.37	22.49	<=33.01	Pass
			74	21.80	0.37	22.17	<=33.01	Pass
		36	0	21.25	0.37	21.62	<=33.01	Pass
			18	21.15	0.37	21.52	<=33.01	Pass
			39	20.93	0.37	21.30	<=33.01	Pass
	75	0	21.08	0.37	21.45	<=33.01	Pass	
	1882.5	1	0	21.78	0.37	22.15	<=33.01	Pass
			38	21.98	0.37	22.35	<=33.01	Pass
			74	21.65	0.37	22.02	<=33.01	Pass
		36	0	20.95	0.37	21.32	<=33.01	Pass
			18	21.08	0.37	21.45	<=33.01	Pass
			39	21.02	0.37	21.39	<=33.01	Pass
	75	0	20.93	0.37	21.30	<=33.01	Pass	
	1907.5	1	0	21.40	0.37	21.77	<=33.01	Pass

16QAM	1857.5	36	38	21.63	0.37	22.00	<=33.01	Pass	
			74	21.50	0.37	21.87	<=33.01	Pass	
			0	20.56	0.37	20.93	<=33.01	Pass	
		75	18	20.66	0.37	21.03	<=33.01	Pass	
			39	20.58	0.37	20.95	<=33.01	Pass	
			0	20.54	0.37	20.91	<=33.01	Pass	
	1882.5	1	0	21.34	0.37	21.71	<=33.01	Pass	
			38	21.50	0.37	21.87	<=33.01	Pass	
			74	21.29	0.37	21.66	<=33.01	Pass	
			36	0	20.19	0.37	20.56	<=33.01	Pass
				18	20.13	0.37	20.50	<=33.01	Pass
				39	19.93	0.37	20.30	<=33.01	Pass
		75	0	20.09	0.37	20.46	<=33.01	Pass	
			1	0	20.87	0.37	21.24	<=33.01	Pass
				38	21.04	0.37	21.41	<=33.01	Pass
74				20.76	0.37	21.13	<=33.01	Pass	
36			0	19.85	0.37	20.22	<=33.01	Pass	
			18	19.94	0.37	20.31	<=33.01	Pass	
	39	19.98	0.37	20.35	<=33.01	Pass			
1907.5	1	0	19.95	0.37	20.32	<=33.01	Pass		
		0	20.90	0.37	21.27	<=33.01	Pass		
		38	20.94	0.37	21.31	<=33.01	Pass		
	36	74	21.10	0.37	21.47	<=33.01	Pass		
		0	19.49	0.37	19.86	<=33.01	Pass		
		18	19.59	0.37	19.96	<=33.01	Pass		
	75	39	19.55	0.37	19.92	<=33.01	Pass		
		0	19.53	0.37	19.90	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	21.87	0.37	22.24	<=33.01	Pass	
			50	22.18	0.37	22.55	<=33.01	Pass	
			99	21.64	0.37	22.01	<=33.01	Pass	
		50	0	21.23	0.37	21.60	<=33.01	Pass	
			25	21.09	0.37	21.46	<=33.01	Pass	
			50	20.79	0.37	21.16	<=33.01	Pass	
		100	0	21.09	0.37	21.46	<=33.01	Pass	
		1882.5	1	0	21.64	0.37	22.01	<=33.01	Pass
				50	22.14	0.37	22.51	<=33.01	Pass
	99			21.50	0.37	21.87	<=33.01	Pass	
	50		0	20.69	0.37	21.06	<=33.01	Pass	
			25	20.89	0.37	21.26	<=33.01	Pass	
			50	20.89	0.37	21.26	<=33.01	Pass	
	100		0	20.78	0.37	21.15	<=33.01	Pass	
	1905		1	0	21.32	0.37	21.69	<=33.01	Pass
				50	21.76	0.37	22.13	<=33.01	Pass
		99		21.42	0.37	21.79	<=33.01	Pass	
		50	0	20.61	0.37	20.98	<=33.01	Pass	
			25	20.55	0.37	20.92	<=33.01	Pass	
			50	20.53	0.37	20.90	<=33.01	Pass	
		100	0	20.56	0.37	20.93	<=33.01	Pass	

16QAM	1860	1	0	21.34	0.37	21.71	<=33.01	Pass	
			50	21.73	0.37	22.10	<=33.01	Pass	
			99	21.21	0.37	21.58	<=33.01	Pass	
		50	0	20.26	0.37	20.63	<=33.01	Pass	
			25	20.16	0.37	20.53	<=33.01	Pass	
			50	19.84	0.37	20.21	<=33.01	Pass	
		100	0	20.11	0.37	20.48	<=33.01	Pass	
		1882.5	1	0	20.79	0.37	21.16	<=33.01	Pass
				50	21.14	0.37	21.51	<=33.01	Pass
	99			20.67	0.37	21.04	<=33.01	Pass	
	50		0	19.70	0.37	20.07	<=33.01	Pass	
			25	19.87	0.37	20.24	<=33.01	Pass	
			50	19.92	0.37	20.29	<=33.01	Pass	
	100		0	19.77	0.37	20.14	<=33.01	Pass	
	1905		1	0	20.63	0.37	21.00	<=33.01	Pass
				50	20.84	0.37	21.21	<=33.01	Pass
		99		20.68	0.37	21.05	<=33.01	Pass	
		50	0	19.63	0.37	20.00	<=33.01	Pass	
			25	19.52	0.37	19.89	<=33.01	Pass	
			50	19.47	0.37	19.84	<=33.01	Pass	
		100	0	19.55	0.37	19.92	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / 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	-1.945	-0.0011	-2.5 to 2.5	Pass		
					3.85	-4.363	-0.0024	-2.5 to 2.5	Pass		
					4.43	-0.043	0.0000	-2.5 to 2.5	Pass		
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass		
					-20	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass	
						-10	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
							0	3.85	-8.254	-0.0045	-2.5 to 2.5
					10	3.85	-4.907	-0.0027	-2.5 to 2.5	Pass	
					30	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass	
					40	3.85	-7.238	-0.0039	-2.5 to 2.5	Pass	
					50	3.85	-10.271	-0.0055	-2.5 to 2.5	Pass	
					1882.5	6	0	20	3.27	-5.808	-0.0031
	3.85	-5.507	-0.0029	-2.5 to 2.5					Pass		
	4.43	-1.945	-0.0010	-2.5 to 2.5					Pass		
	-30	3.85	-5.994	-0.0032				-2.5 to 2.5	Pass		
		-20	3.85	-0.386				-0.0002	-2.5 to 2.5	Pass	
			-10	3.85				-13.390	-0.0071	-2.5 to 2.5	Pass
				0				3.85	-11.730	-0.0062	-2.5 to 2.5
		10	3.85	-0.930				-0.0005	-2.5 to 2.5	Pass	
		30	3.85	-5.507				-0.0029	-2.5 to 2.5	Pass	
		40	3.85	-9.799				-0.0052	-2.5 to 2.5	Pass	
		50	3.85	-13.232				-0.0070	-2.5 to 2.5	Pass	
		1914.3	6	0				20	3.27	-0.629	-0.0003
	3.85				-6.151	-0.0032	-2.5 to 2.5		Pass		

					4.43	-1.888	-0.0010	-2.5 to 2.5	Pass				
				-30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass				
				-20	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass				
				-10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass				
				0	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass				
				10	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass				
				30	3.85	-7.939	-0.0041	-2.5 to 2.5	Pass				
				40	3.85	-4.821	-0.0025	-2.5 to 2.5	Pass				
				50	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-6.180	-0.0033	-2.5 to 2.5	Pass				
					3.85	-7.482	-0.0040	-2.5 to 2.5	Pass				
					4.43	-8.025	-0.0043	-2.5 to 2.5	Pass				
								-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
								-20	3.85	-8.125	-0.0044	-2.5 to 2.5	Pass
								-10	3.85	-8.869	-0.0048	-2.5 to 2.5	Pass
								0	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
								10	3.85	-16.766	-0.0091	-2.5 to 2.5	Pass
								30	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
					40	3.85	-6.781	-0.0037	-2.5 to 2.5	Pass			
					50	3.85	-9.785	-0.0053	-2.5 to 2.5	Pass			
		1882.5	6	0	20	3.27	-15.922	-0.0085	-2.5 to 2.5	Pass			
	3.85					-3.948	-0.0021	-2.5 to 2.5	Pass				
	4.43					-2.375	-0.0013	-2.5 to 2.5	Pass				
								-30	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
								-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
								-10	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
								0	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass
								10	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
								30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
					40	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass			
					50	3.85	-8.669	-0.0046	-2.5 to 2.5	Pass			
		1914.3	6	0	20	3.27	-3.891	-0.0020	-2.5 to 2.5	Pass			
	3.85					2.260	0.0012	-2.5 to 2.5	Pass				
	4.43					-2.818	-0.0015	-2.5 to 2.5	Pass				
								-30	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass
								-20	3.85	-12.302	-0.0064	-2.5 to 2.5	Pass
							-10	3.85	-5.608	-0.0029	-2.5 to 2.5	Pass	
							0	3.85	-9.871	-0.0052	-2.5 to 2.5	Pass	
							10	3.85	-7.339	-0.0038	-2.5 to 2.5	Pass	
							30	3.85	-9.441	-0.0049	-2.5 to 2.5	Pass	
				40	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass				
				50	3.85	-4.849	-0.0025	-2.5 to 2.5	Pass				

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / 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	-3.018	-0.0016	-2.5 to 2.5	Pass				
					3.85	4.520	0.0024	-2.5 to 2.5	Pass				
					4.43	6.008	0.0032	-2.5 to 2.5	Pass				
								-30	3.85	1.316	0.0007	-2.5 to 2.5	Pass
								-20	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
								-10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
								0	3.85	-10.757	-0.0058	-2.5 to 2.5	Pass

				10	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass	
				30	3.85	-8.168	-0.0044	-2.5 to 2.5	Pass	
				40	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass	
				50	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass	
	1882.5	15	0	20	3.27	-11.430	-0.0061	-2.5 to 2.5	Pass	
					3.85	-7.324	-0.0039	-2.5 to 2.5	Pass	
					4.43	-7.782	-0.0041	-2.5 to 2.5	Pass	
				-30	3.85	-8.426	-0.0045	-2.5 to 2.5	Pass	
				-20	3.85	-10.142	-0.0054	-2.5 to 2.5	Pass	
				-10	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass	
				0	3.85	-12.345	-0.0066	-2.5 to 2.5	Pass	
				10	3.85	-10.371	-0.0055	-2.5 to 2.5	Pass	
				30	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass	
				40	3.85	-10.343	-0.0055	-2.5 to 2.5	Pass	
				50	3.85	-7.381	-0.0039	-2.5 to 2.5	Pass	
				1913.5	15	0	20	3.27	-2.489	-0.0013
	3.85	-9.713	-0.0051					-2.5 to 2.5	Pass	
	4.43	-1.116	-0.0006					-2.5 to 2.5	Pass	
	-30	3.85	-5.579				-0.0029	-2.5 to 2.5	Pass	
	-20	3.85	-7.567				-0.0040	-2.5 to 2.5	Pass	
	-10	3.85	-3.533				-0.0018	-2.5 to 2.5	Pass	
	0	3.85	-8.783				-0.0046	-2.5 to 2.5	Pass	
	10	3.85	-5.064				-0.0026	-2.5 to 2.5	Pass	
	30	3.85	-6.208				-0.0032	-2.5 to 2.5	Pass	
	40	3.85	-7.539				-0.0039	-2.5 to 2.5	Pass	
	50	3.85	-10.014				-0.0052	-2.5 to 2.5	Pass	
	16QAM	1851.5	15				0	20	3.27	-5.608
				3.85	-11.201	-0.0060			-2.5 to 2.5	Pass
				4.43	-6.366	-0.0034			-2.5 to 2.5	Pass
				-30	3.85	-4.435		-0.0024	-2.5 to 2.5	Pass
-20				3.85	-7.439	-0.0040		-2.5 to 2.5	Pass	
-10				3.85	-10.815	-0.0058		-2.5 to 2.5	Pass	
0				3.85	-8.311	-0.0045		-2.5 to 2.5	Pass	
10				3.85	-4.020	-0.0022		-2.5 to 2.5	Pass	
30				3.85	-8.726	-0.0047		-2.5 to 2.5	Pass	
40				3.85	-8.254	-0.0045		-2.5 to 2.5	Pass	
50				3.85	-0.744	-0.0004		-2.5 to 2.5	Pass	
1882.5				15	0	20		3.27	-5.879	-0.0031
		3.85	-2.403				-0.0013	-2.5 to 2.5	Pass	
		4.43	-1.087				-0.0006	-2.5 to 2.5	Pass	
		-30	3.85			-5.994	-0.0032	-2.5 to 2.5	Pass	
		-20	3.85			-11.044	-0.0059	-2.5 to 2.5	Pass	
		-10	3.85			-12.717	-0.0068	-2.5 to 2.5	Pass	
		0	3.85			-1.831	-0.0010	-2.5 to 2.5	Pass	
		10	3.85			-9.770	-0.0052	-2.5 to 2.5	Pass	
		30	3.85			0.229	0.0001	-2.5 to 2.5	Pass	
		40	3.85			-3.748	-0.0020	-2.5 to 2.5	Pass	
		50	3.85			-8.512	-0.0045	-2.5 to 2.5	Pass	
		1913.5	15			0	20	3.27	-4.678	-0.0024
3.85				-0.329	-0.0002			-2.5 to 2.5	Pass	
4.43				1.588	0.0008			-2.5 to 2.5	Pass	
-30				3.85	-5.922		-0.0031	-2.5 to 2.5	Pass	
-20				3.85	-11.015		-0.0058	-2.5 to 2.5	Pass	
-10				3.85	-2.604		-0.0014	-2.5 to 2.5	Pass	
0				3.85	-4.663		-0.0024	-2.5 to 2.5	Pass	
10				3.85	-6.437		-0.0034	-2.5 to 2.5	Pass	
30	3.85			-3.519	-0.0018		-2.5 to 2.5	Pass		
40	3.85			-5.207	-0.0027		-2.5 to 2.5	Pass		
50	3.85			-0.529	-0.0003		-2.5 to 2.5	Pass		

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / 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	-7.253	-0.0039	-2.5 to 2.5	Pass
					3.85	-7.467	-0.0040	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
	50	3.85	-7.024	-0.0038	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-16.122	-0.0086	-2.5 to 2.5	Pass
					3.85	-10.943	-0.0058	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-12.531	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-11.330	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-9.470	-0.0050	-2.5 to 2.5	Pass
	50	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-10.614	-0.0055	-2.5 to 2.5	Pass
					3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-9.956	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
30				3.85	-7.782	-0.0041	-2.5 to 2.5	Pass	
40				3.85	-11.086	-0.0058	-2.5 to 2.5	Pass	
50	3.85	-8.440	-0.0044	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-7.596	-0.0041	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0043	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.997	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-10.114	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-10.300	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-8.283	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-7.939	-0.0043	-2.5 to 2.5	Pass
	50	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	-5.894	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-17.195	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass

				-10	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-11.559	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-10.886	-0.0057	-2.5 to 2.5	Pass
					3.85	-8.039	-0.0042	-2.5 to 2.5	Pass
					4.43	-12.946	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-2.546	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-12.031	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-8.469	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-11.673	-0.0061	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / 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	-5.994	-0.0032	-2.5 to 2.5	Pass			
					3.85	-5.050	-0.0027	-2.5 to 2.5	Pass			
					4.43	-4.578	-0.0025	-2.5 to 2.5	Pass			
				-30	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass			
				-20	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass			
				-10	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass			
				0	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass			
				10	3.85	-4.191	-0.0023	-2.5 to 2.5	Pass			
				30	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass			
				40	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass			
				50	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass			
				1882.5	50	0	20	3.27	-9.928	-0.0053	-2.5 to 2.5	Pass
								3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
								4.43	-7.539	-0.0040	-2.5 to 2.5	Pass
							-30	3.85	-12.145	-0.0065	-2.5 to 2.5	Pass
	-20	3.85	-15.521				-0.0082	-2.5 to 2.5	Pass			
	-10	3.85	-12.703				-0.0067	-2.5 to 2.5	Pass			
	0	3.85	-7.310				-0.0039	-2.5 to 2.5	Pass			
	10	3.85	-12.975				-0.0069	-2.5 to 2.5	Pass			
	30	3.85	-8.183				-0.0043	-2.5 to 2.5	Pass			
	40	3.85	-12.417				-0.0066	-2.5 to 2.5	Pass			
	50	3.85	-9.227				-0.0049	-2.5 to 2.5	Pass			
	1910	50	0				20	3.27	-7.439	-0.0039	-2.5 to 2.5	Pass
								3.85	-10.815	-0.0057	-2.5 to 2.5	Pass
								4.43	-6.609	-0.0035	-2.5 to 2.5	Pass
							-30	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-10.028	-0.0053	-2.5 to 2.5	Pass			
				-10	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass			
				0	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass			
				10	3.85	-5.050	-0.0026	-2.5 to 2.5	Pass			
30				3.85	-8.812	-0.0046	-2.5 to 2.5	Pass				
40				3.85	-5.193	-0.0027	-2.5 to 2.5	Pass				

16QAM	1855	50	0	50	3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-1.731	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				20	4.43	-1.860	-0.0010	-2.5 to 2.5	Pass
					-30	3.85	-4.663	-0.0025	-2.5 to 2.5
				-20	3.85	-4.978	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
	40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-7.768	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
				20	4.43	-9.813	-0.0052	-2.5 to 2.5	Pass
					-30	3.85	-6.466	-0.0034	-2.5 to 2.5
				-20	3.85	-12.703	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-10.800	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-11.058	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-11.930	-0.0063	-2.5 to 2.5	Pass
	50	3.85	-11.559	-0.0061	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-7.267	-0.0038	-2.5 to 2.5	Pass
					3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				20	4.43	-7.811	-0.0041	-2.5 to 2.5	Pass
					-30	3.85	-3.476	-0.0018	-2.5 to 2.5
				-20	3.85	-7.424	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
10				3.85	-8.497	-0.0044	-2.5 to 2.5	Pass	
30				3.85	-8.698	-0.0046	-2.5 to 2.5	Pass	
40				3.85	-7.939	-0.0042	-2.5 to 2.5	Pass	
50	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass				

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-6.466	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.423	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
	50	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-6.723	-0.0036	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0041	-2.5 to 2.5	Pass
-30					3.85	-3.304	-0.0018	-2.5 to 2.5	Pass

				-20	3.85	-6.523	-0.0035	-2.5 to 2.5	Pass	
				-10	3.85	-13.247	-0.0070	-2.5 to 2.5	Pass	
				0	3.85	-10.901	-0.0058	-2.5 to 2.5	Pass	
				10	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass	
				30	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass	
				40	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass	
	50	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass				
	1907.5	75	0	20	3.27	-3.963	-0.0021	-2.5 to 2.5	Pass	
					3.85	-5.264	-0.0028	-2.5 to 2.5	Pass	
					4.43	-5.336	-0.0028	-2.5 to 2.5	Pass	
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass	
				-20	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass	
				-10	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass	
		0	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass			
		10	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass			
		30	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass			
		40	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass			
		50	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass			
16QAM		1857.5	75	0	20	3.27	-6.280	-0.0034	-2.5 to 2.5	Pass
	3.85					-4.864	-0.0026	-2.5 to 2.5	Pass	
	4.43					-8.354	-0.0045	-2.5 to 2.5	Pass	
	-30				3.85	-6.194	-0.0033	-2.5 to 2.5	Pass	
	-20				3.85	-4.463	-0.0024	-2.5 to 2.5	Pass	
	-10				3.85	-6.766	-0.0036	-2.5 to 2.5	Pass	
	0		3.85	-2.732	-0.0015	-2.5 to 2.5	Pass			
	10		3.85	-6.108	-0.0033	-2.5 to 2.5	Pass			
	30		3.85	-3.276	-0.0018	-2.5 to 2.5	Pass			
	40		3.85	-1.745	-0.0009	-2.5 to 2.5	Pass			
	50		3.85	0.386	0.0002	-2.5 to 2.5	Pass			
	1882.5		75	0	20	3.27	-9.270	-0.0049	-2.5 to 2.5	Pass
		3.85				-2.789	-0.0015	-2.5 to 2.5	Pass	
		4.43				-12.774	-0.0068	-2.5 to 2.5	Pass	
		-30			3.85	-6.523	-0.0035	-2.5 to 2.5	Pass	
		-20			3.85	-7.925	-0.0042	-2.5 to 2.5	Pass	
		-10			3.85	-8.669	-0.0046	-2.5 to 2.5	Pass	
		0	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass			
		10	3.85	-10.157	-0.0054	-2.5 to 2.5	Pass			
		30	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass			
		40	3.85	-7.868	-0.0042	-2.5 to 2.5	Pass			
		50	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass			
		1907.5	75	0	20	3.27	-11.930	-0.0063	-2.5 to 2.5	Pass
						3.85	-6.151	-0.0032	-2.5 to 2.5	Pass
						4.43	-2.975	-0.0016	-2.5 to 2.5	Pass
					-30	3.85	-5.407	-0.0028	-2.5 to 2.5	Pass
					-20	3.85	-6.509	-0.0034	-2.5 to 2.5	Pass
					-10	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
			0	3.85	-6.337	-0.0033	-2.5 to 2.5	Pass		
	10		3.85	-9.284	-0.0049	-2.5 to 2.5	Pass			
30	3.85		-4.621	-0.0024	-2.5 to 2.5	Pass				
40	3.85		-5.536	-0.0029	-2.5 to 2.5	Pass				
50	3.85		-3.691	-0.0019	-2.5 to 2.5	Pass				

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-4.106	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-7.038	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
	50	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-7.353	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.879	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.679	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
	50	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-3.791	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-10.843	-0.0057	-2.5 to 2.5	Pass
30				3.85	-6.537	-0.0034	-2.5 to 2.5	Pass	
40				3.85	-5.865	-0.0031	-2.5 to 2.5	Pass	
50	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-1.245	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.466	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
	50	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-5.779	-0.0031	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0047	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-9.041	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-12.331	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-13.704	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-14.205	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-13.189	-0.0070	-2.5 to 2.5	Pass
	50	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-4.535	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0029	-2.5 to 2.5	Pass

				4.43	-6.852	-0.0036	-2.5 to 2.5	Pass	
				-30	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-8.669	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass

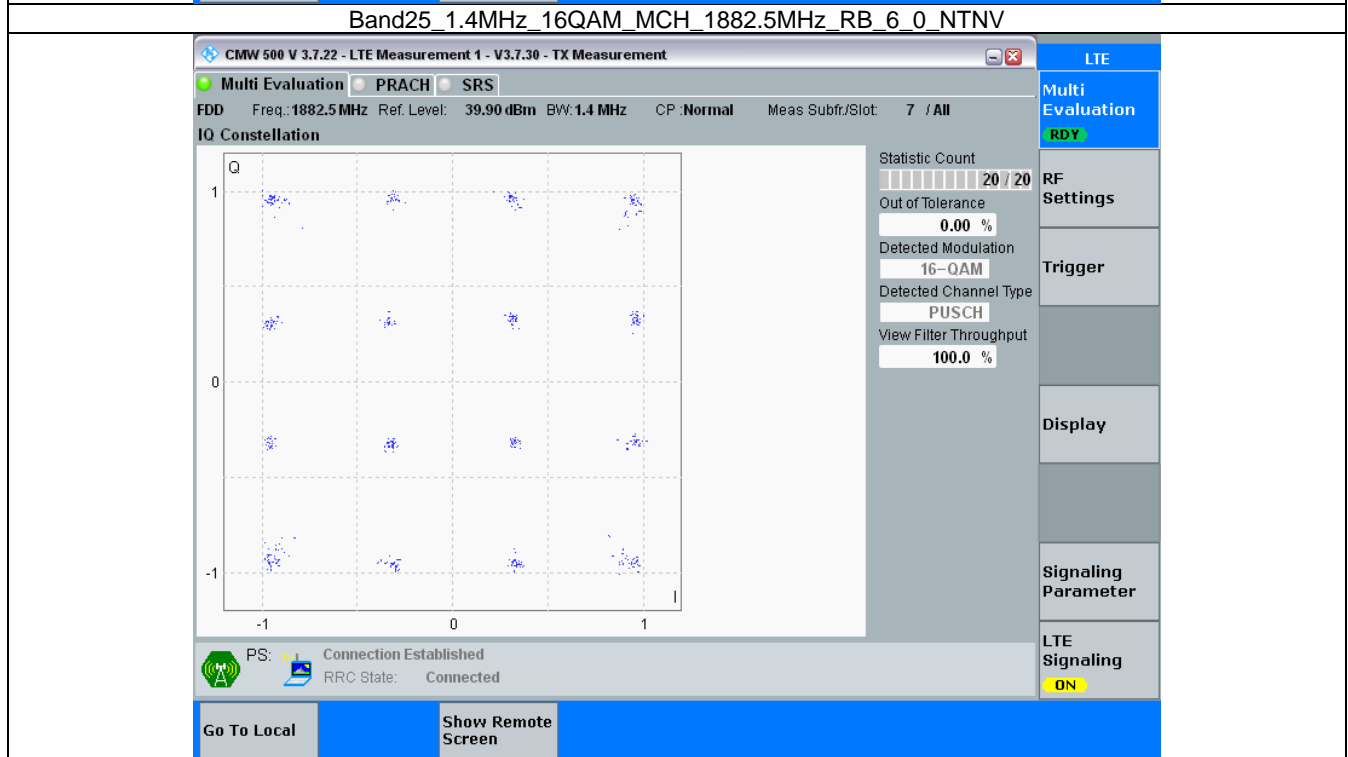
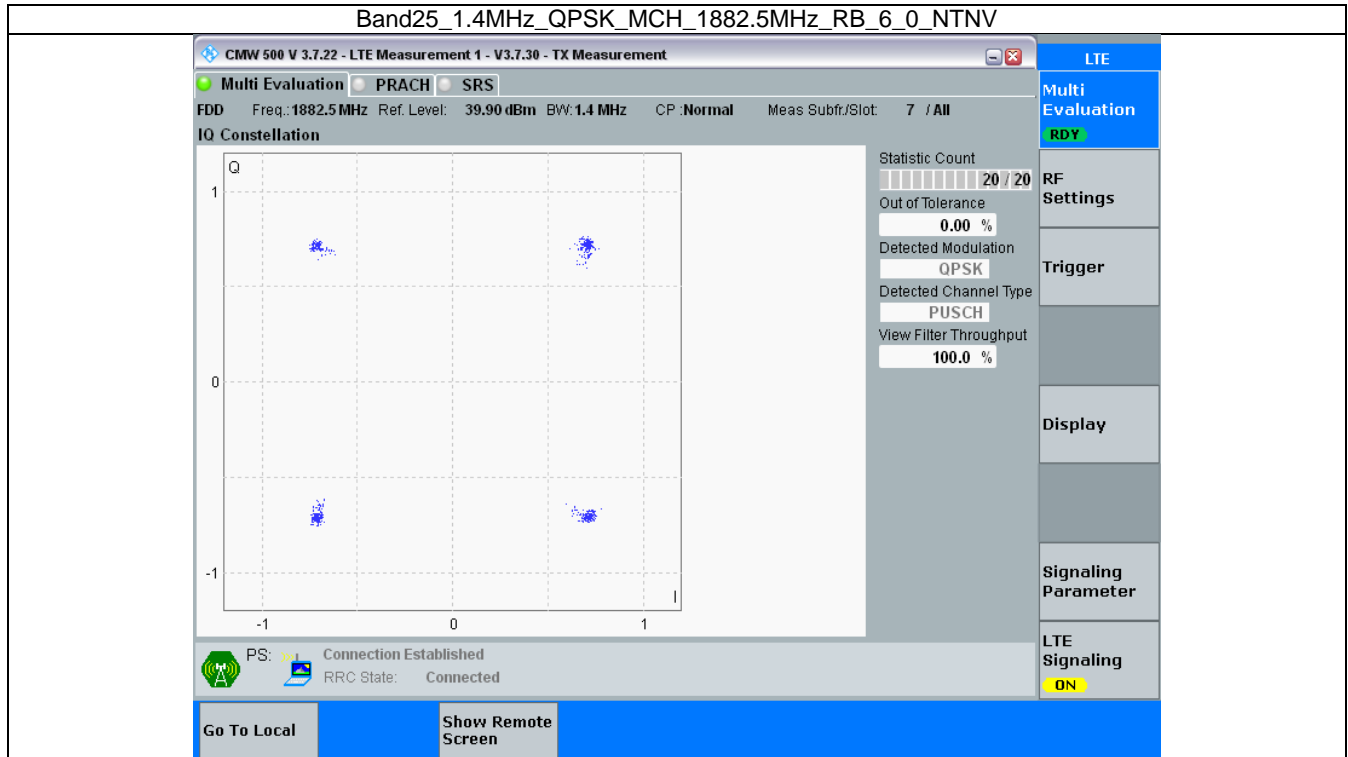
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

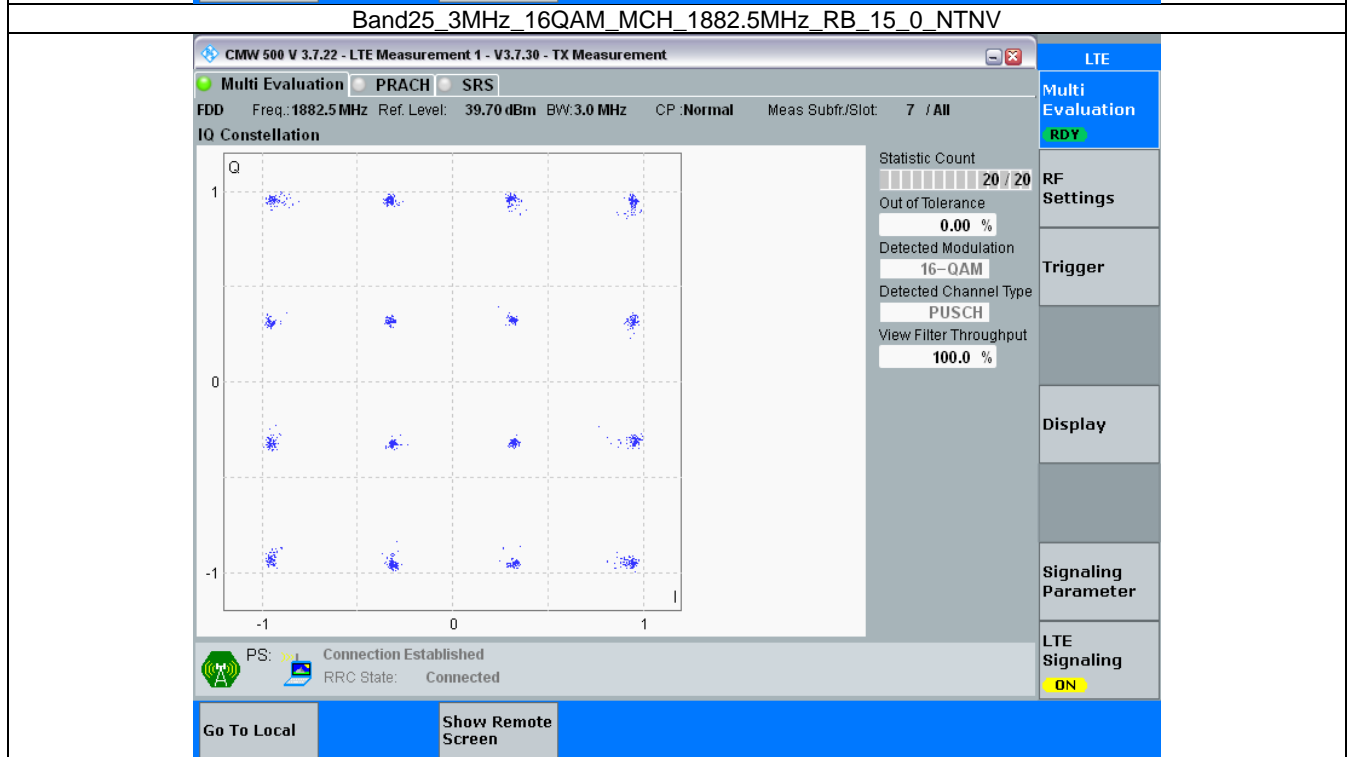
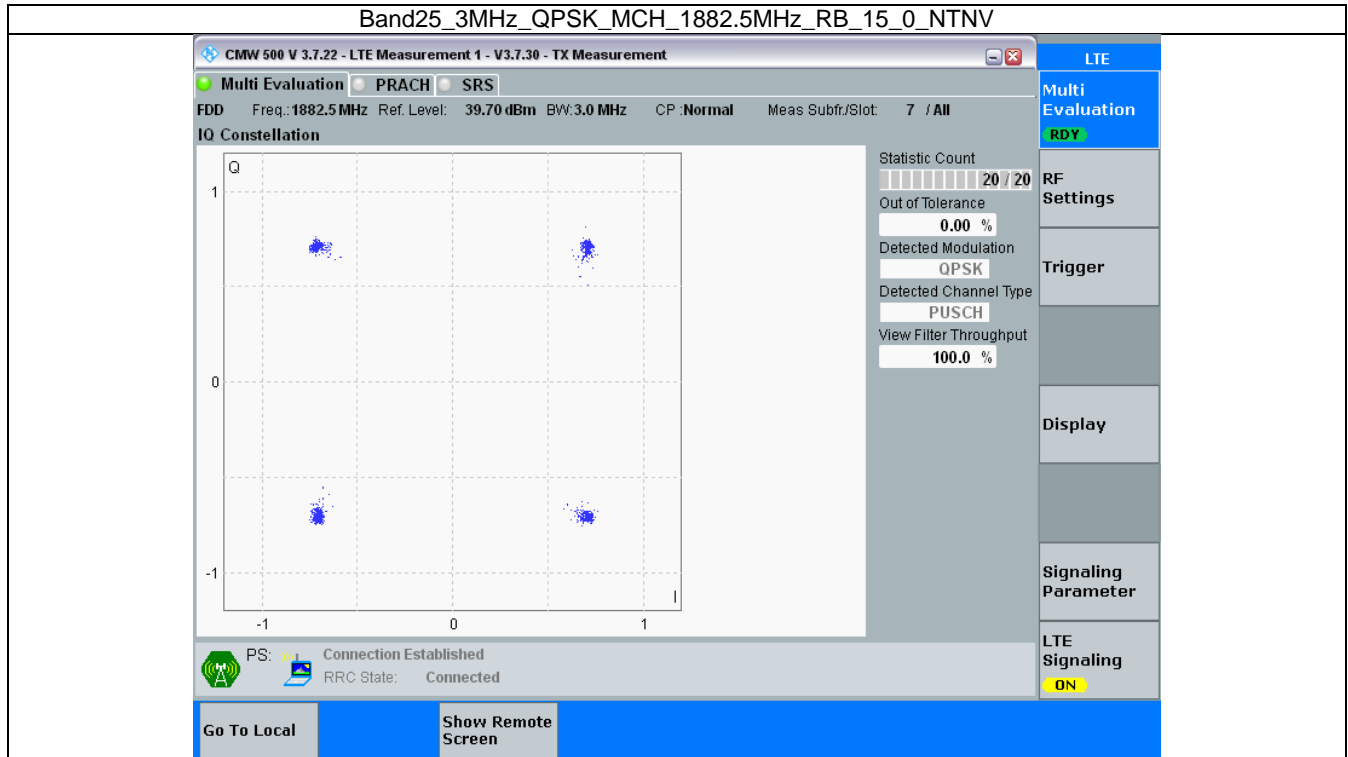


3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

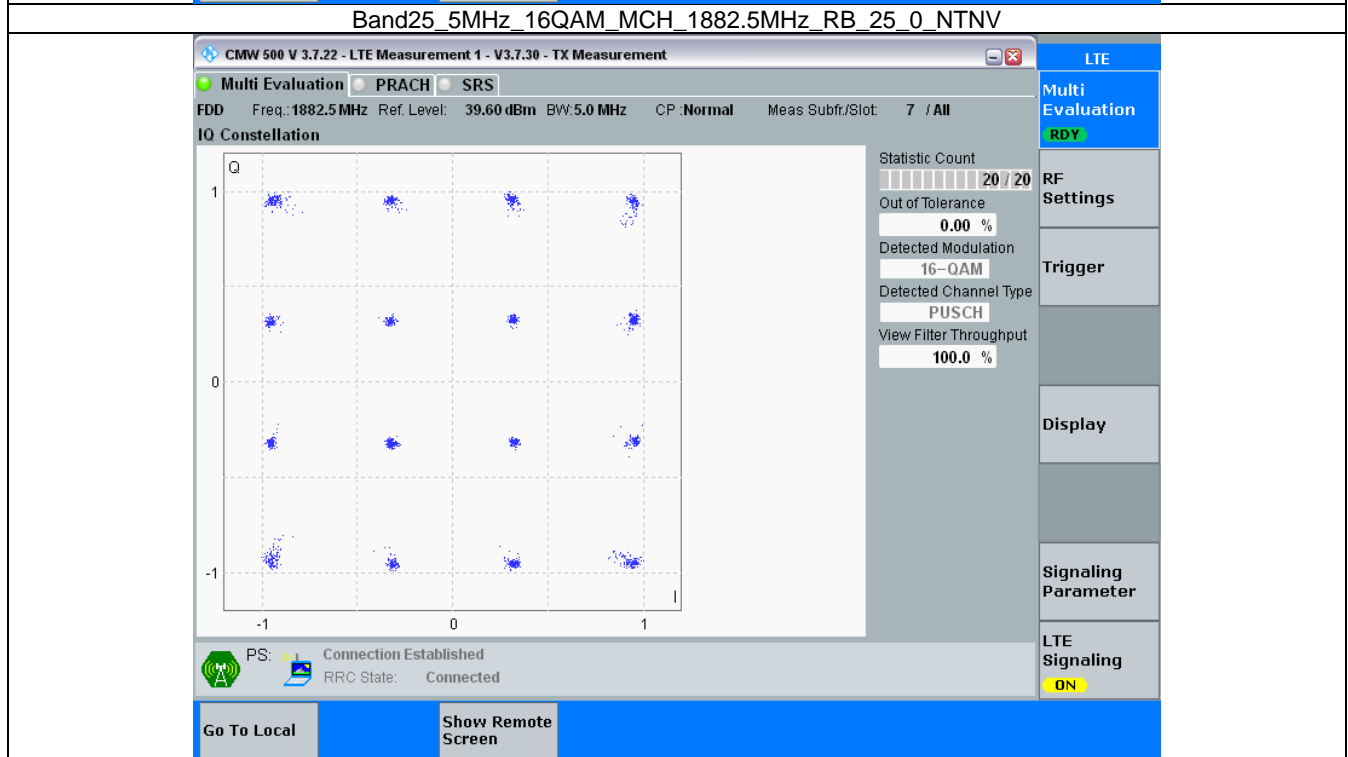
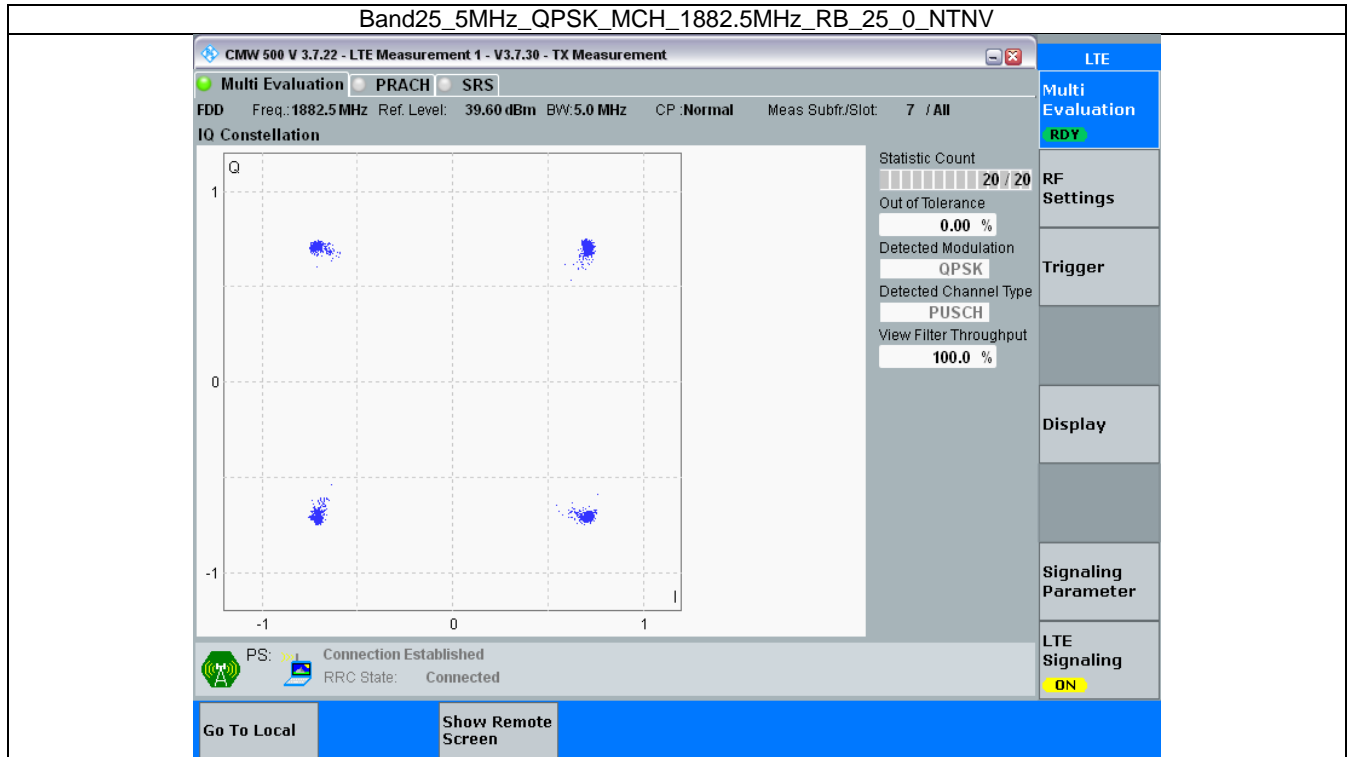


3.3 B25_5MHz

3.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

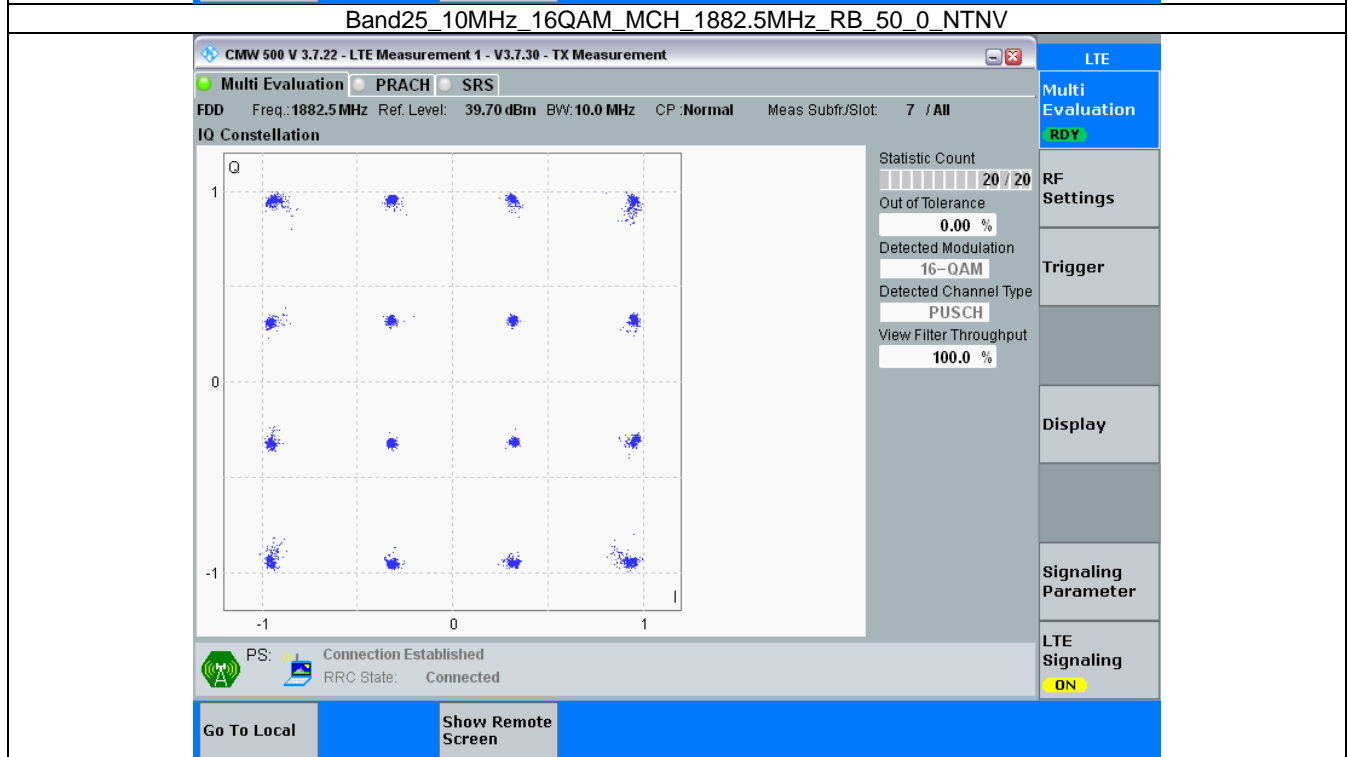
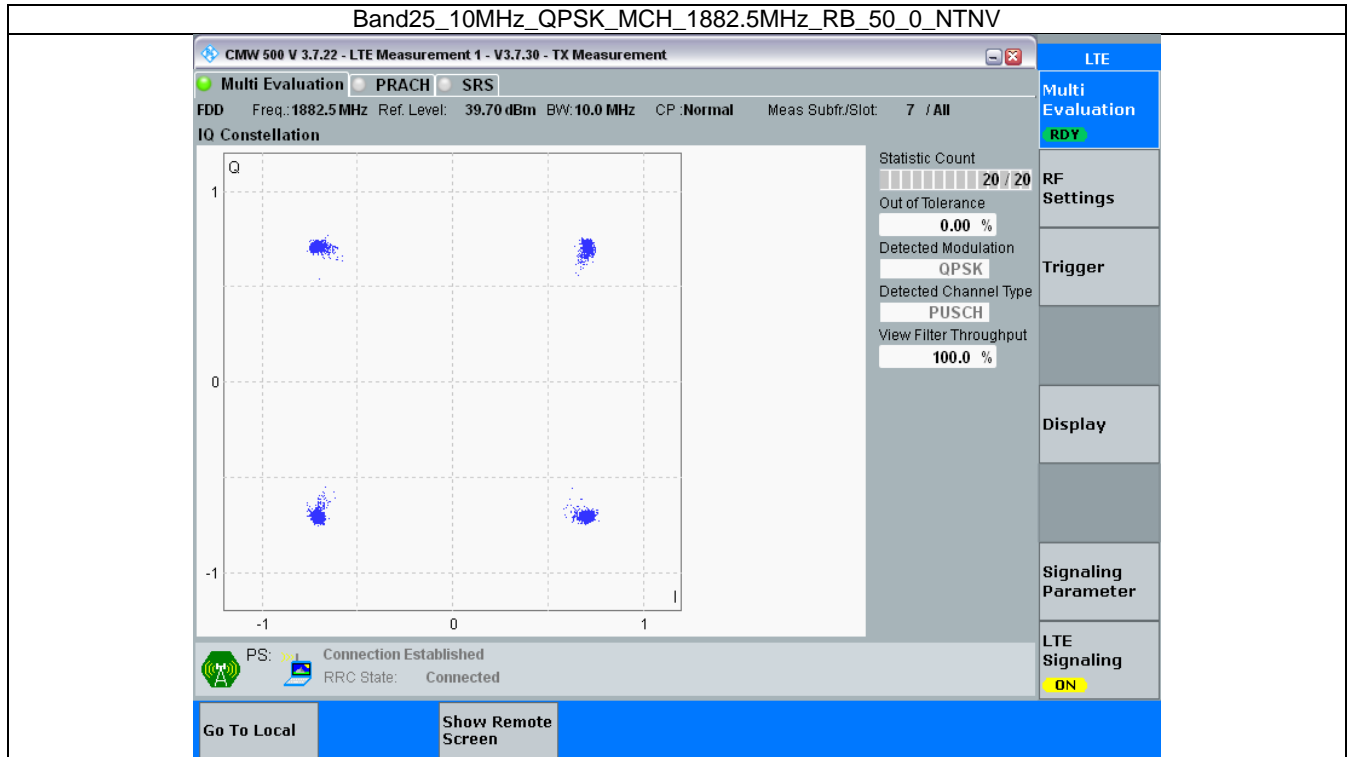


3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

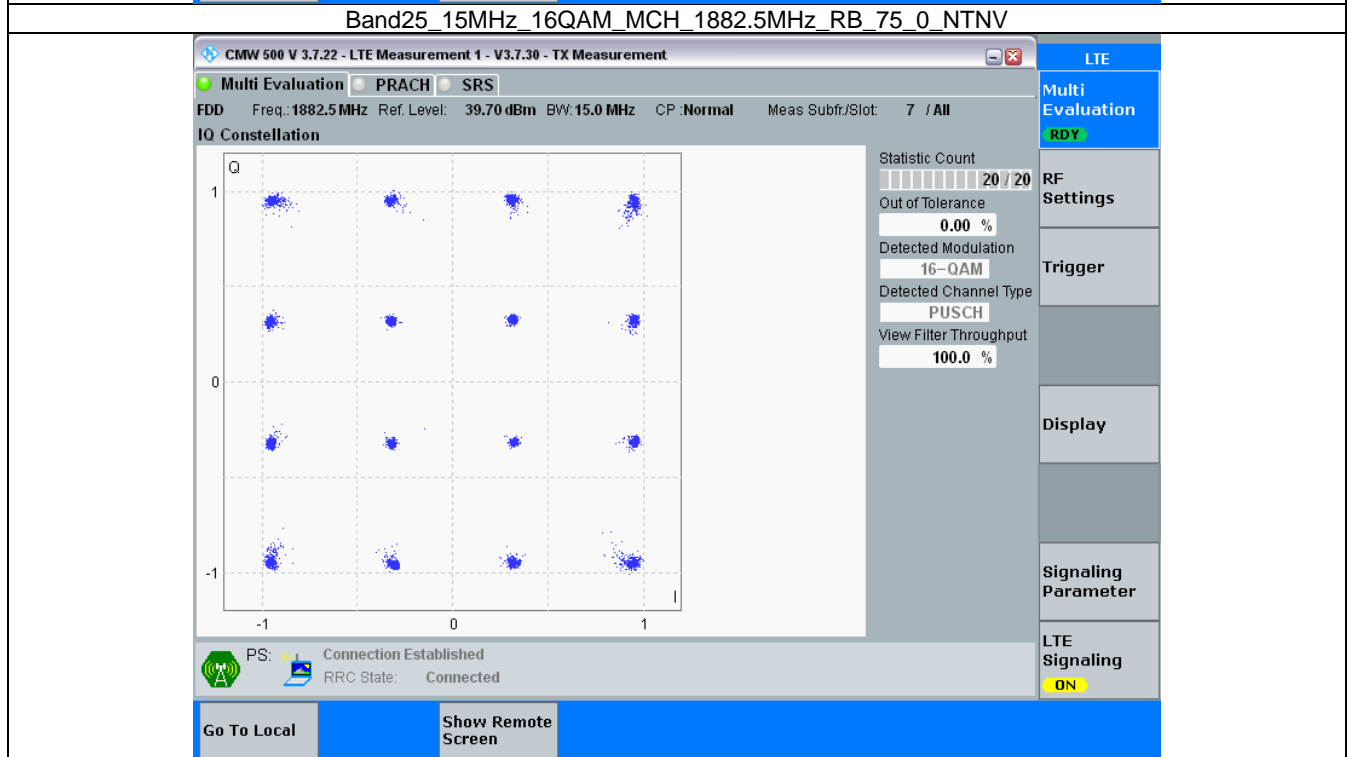
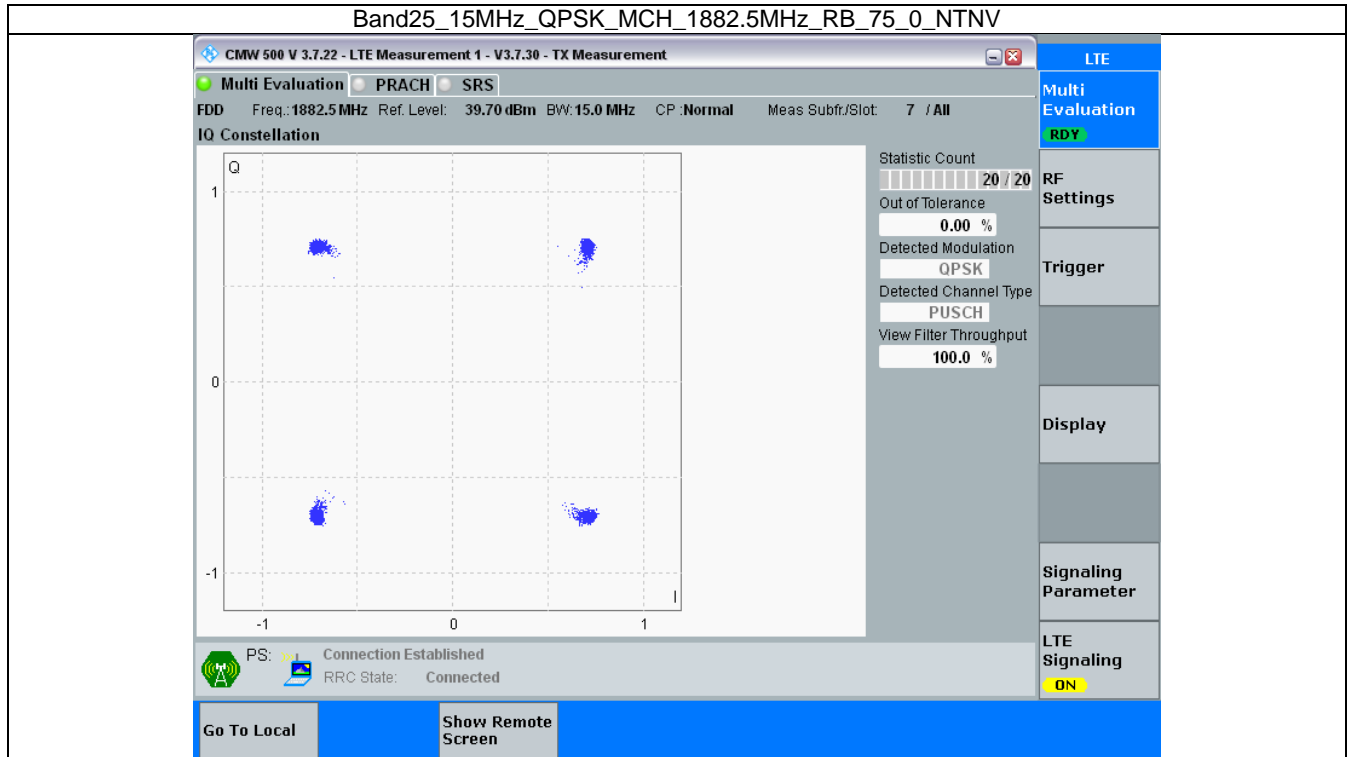


3.5 B25_15MHz

3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

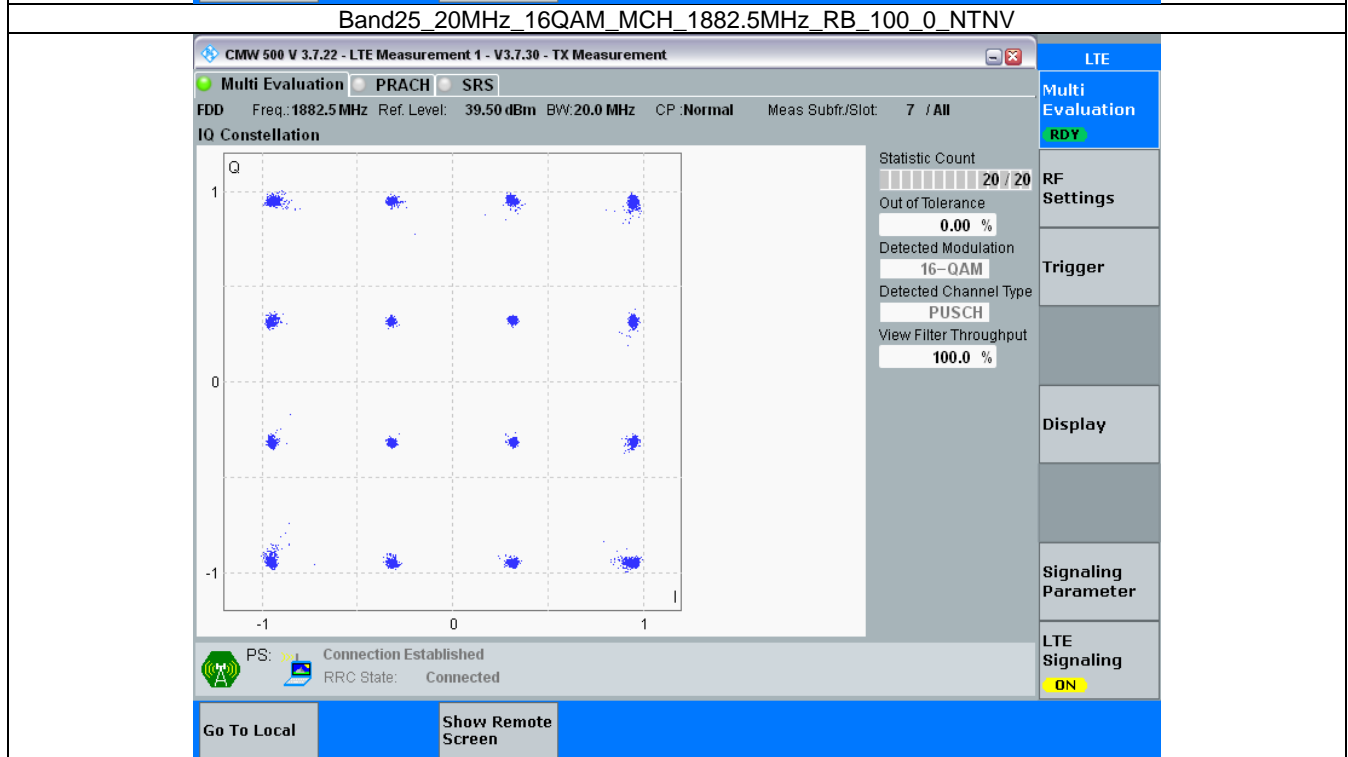
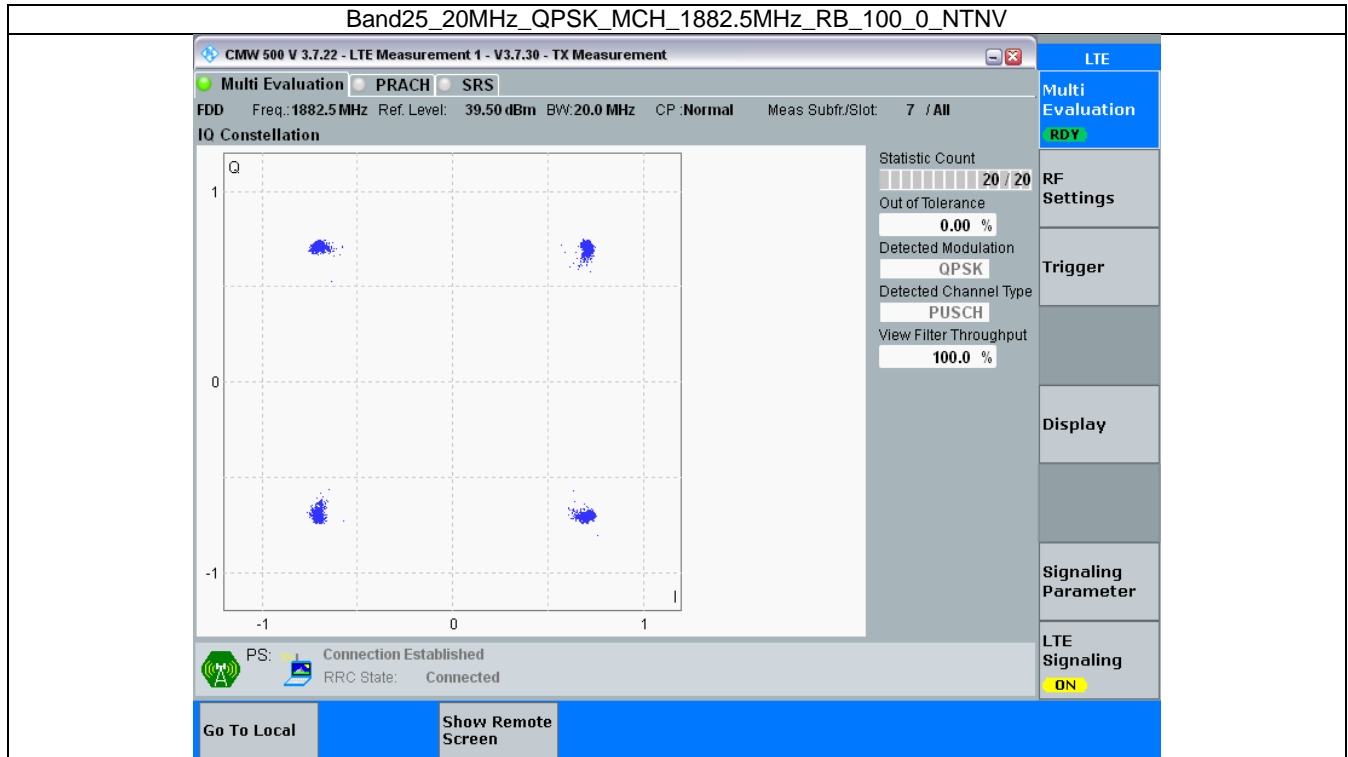


3.6 B25_20MHz

3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph



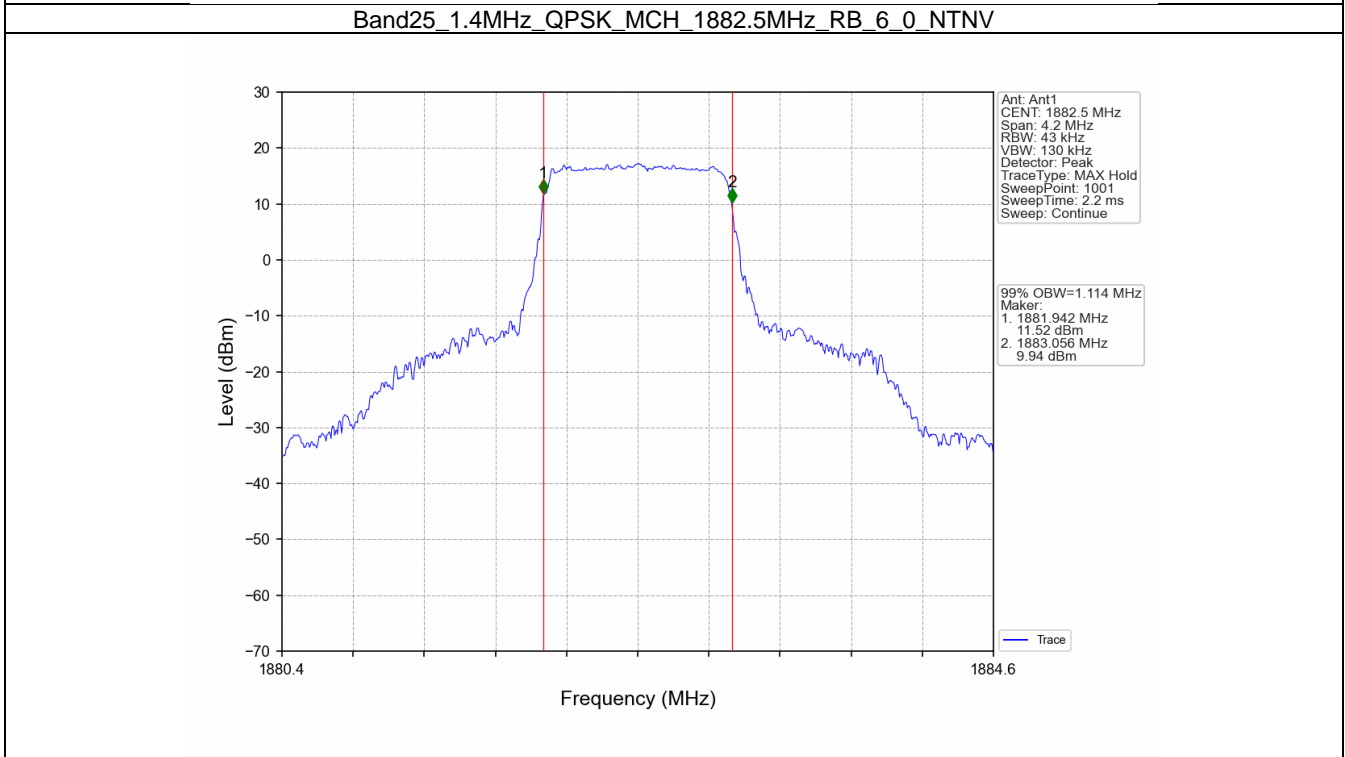
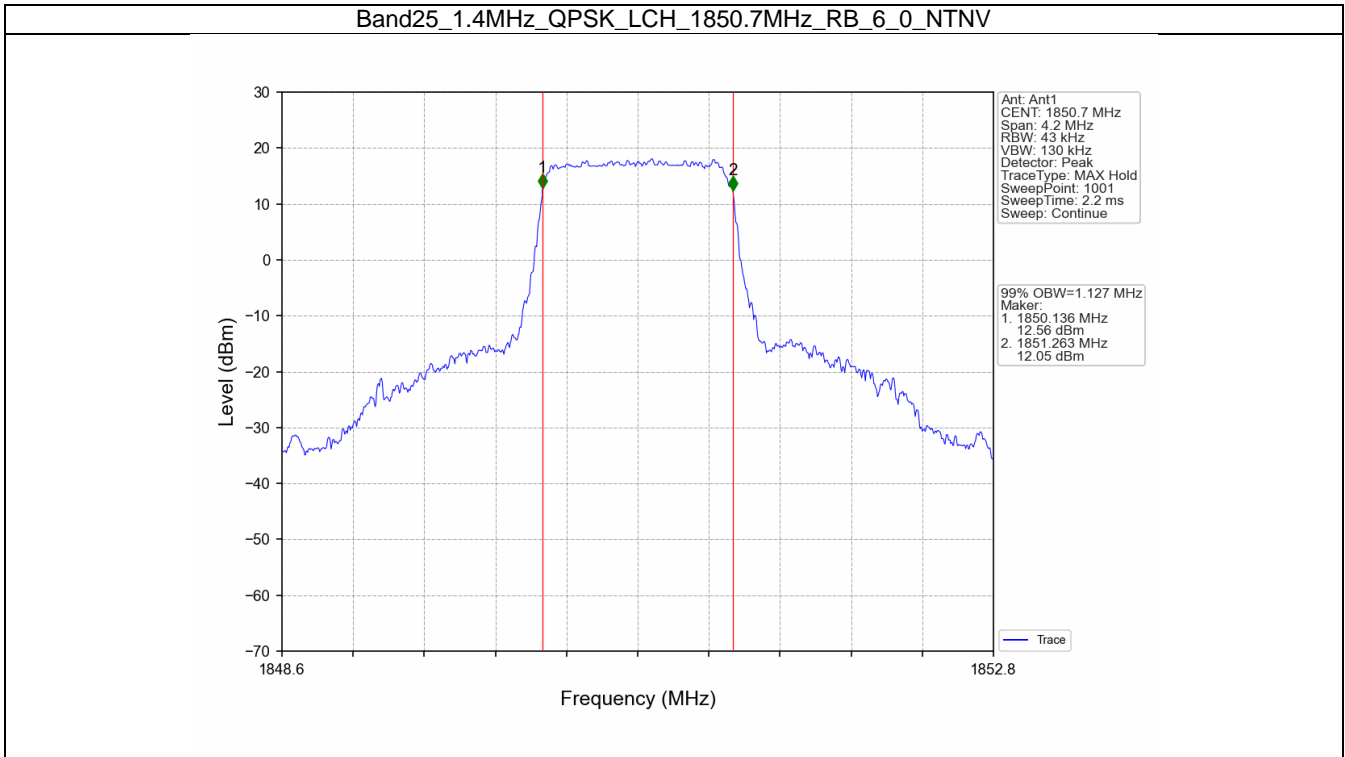
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

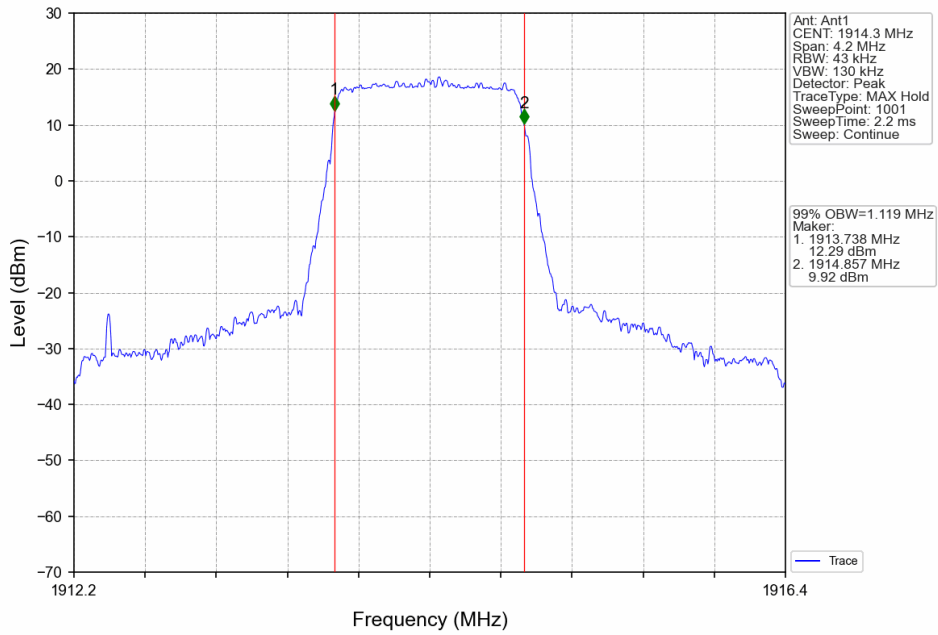
4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.127	Pass
		1882.5	6	0	1.114	Pass
		1914.3	6	0	1.119	Pass
	16QAM	1850.7	6	0	1.102	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.113	Pass
3	QPSK	1851.5	15	0	2.722	Pass
		1882.5	15	0	2.732	Pass
		1913.5	15	0	2.730	Pass
	16QAM	1851.5	15	0	2.727	Pass
		1882.5	15	0	2.737	Pass
		1913.5	15	0	2.727	Pass
5	QPSK	1852.5	25	0	4.561	Pass
		1882.5	25	0	4.565	Pass
		1912.5	25	0	4.595	Pass
	16QAM	1852.5	25	0	4.576	Pass
		1882.5	25	0	4.591	Pass
		1912.5	25	0	4.572	Pass
10	QPSK	1855	50	0	9.064	Pass
		1882.5	50	0	9.081	Pass
		1910	50	0	9.055	Pass
	16QAM	1855	50	0	9.080	Pass
		1882.5	50	0	9.083	Pass
		1910	50	0	9.040	Pass
15	QPSK	1857.5	75	0	13.577	Pass
		1882.5	75	0	13.602	Pass
		1907.5	75	0	13.574	Pass
	16QAM	1857.5	75	0	13.591	Pass
		1882.5	75	0	13.651	Pass
		1907.5	75	0	13.531	Pass
20	QPSK	1860	100	0	18.073	Pass
		1882.5	100	0	18.120	Pass
		1905	100	0	18.088	Pass
	16QAM	1860	100	0	18.022	Pass
		1882.5	100	0	18.163	Pass
		1905	100	0	18.102	Pass

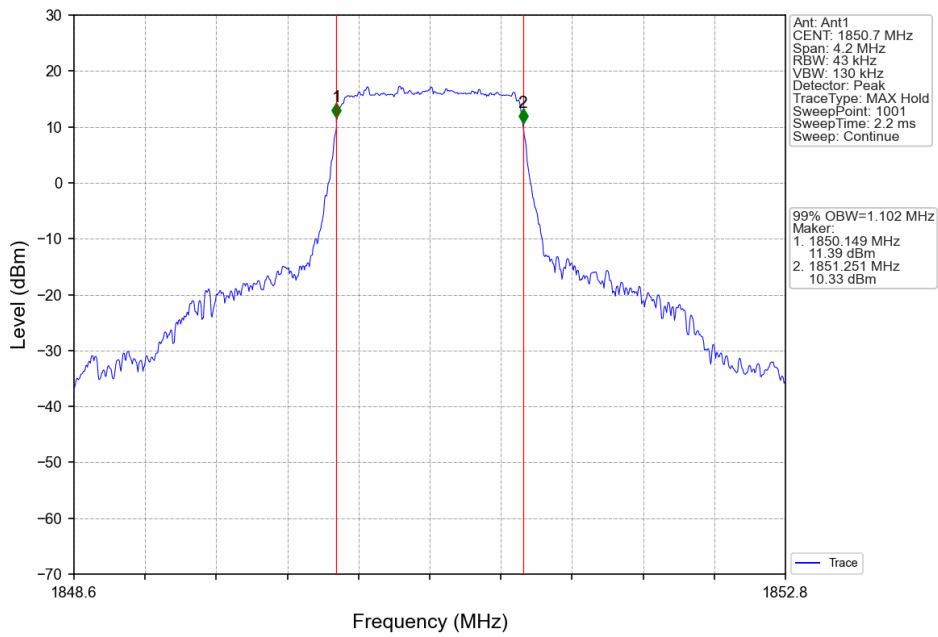
4.1.2 Test Graph



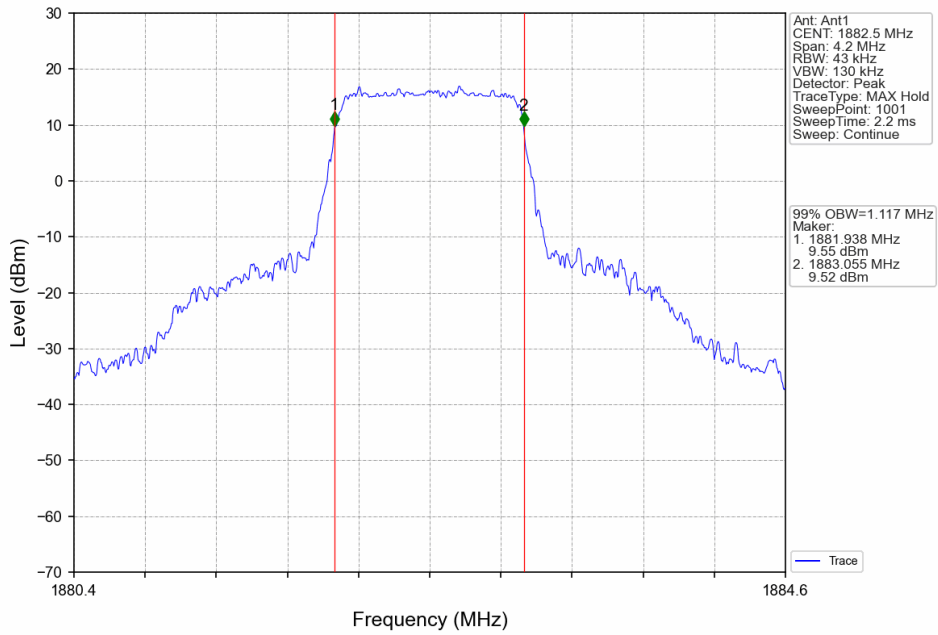
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



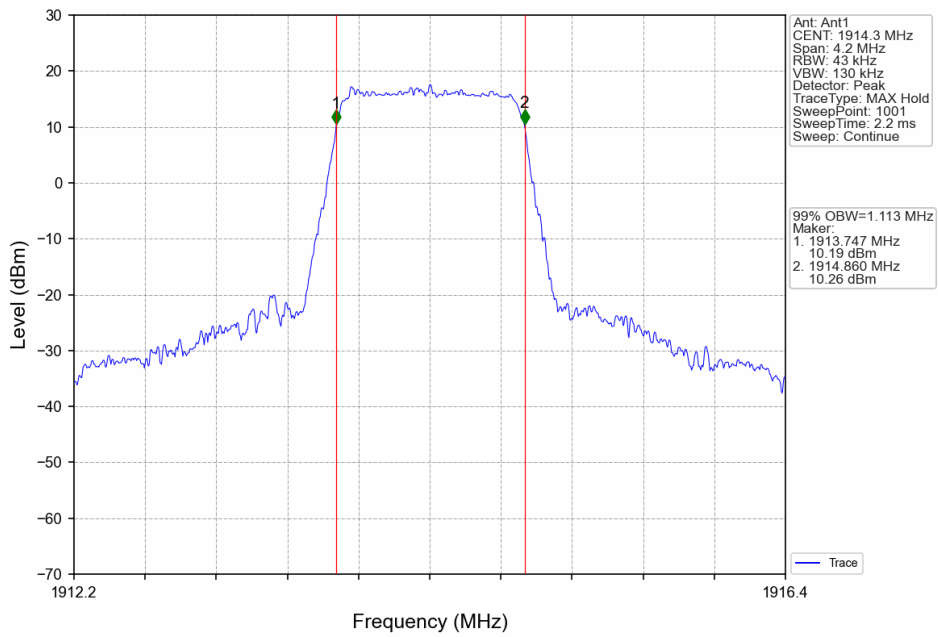
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



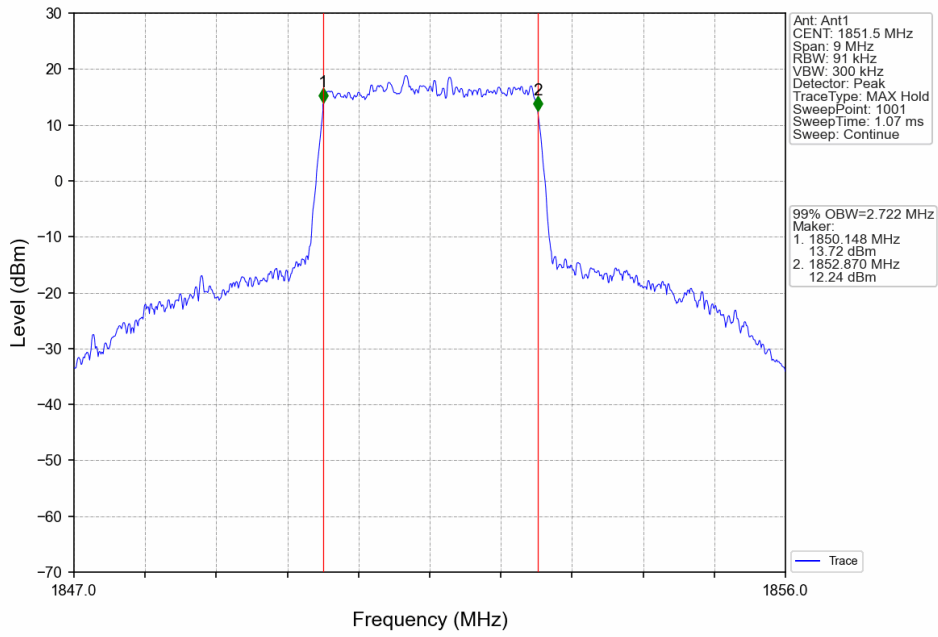
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



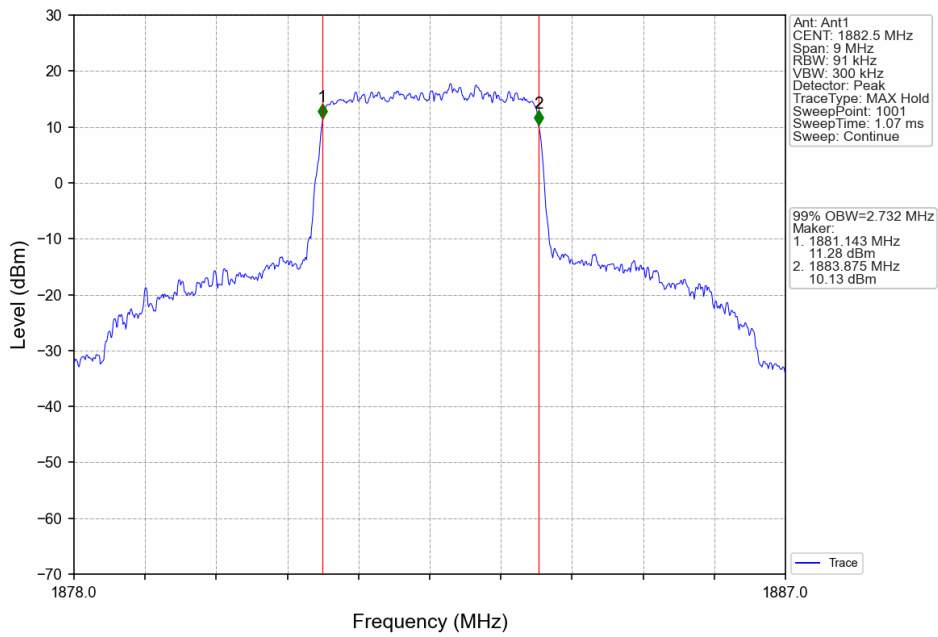
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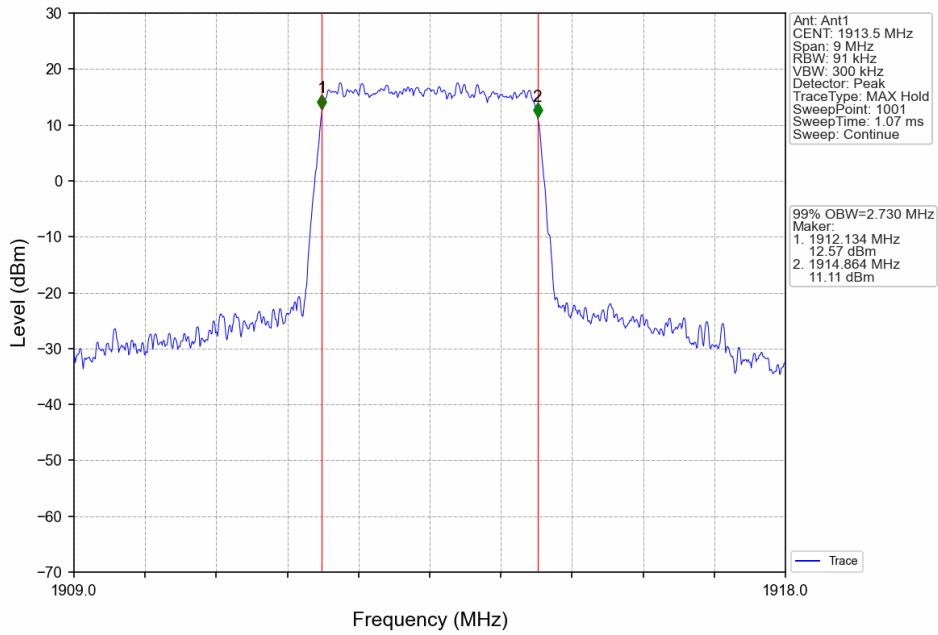
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



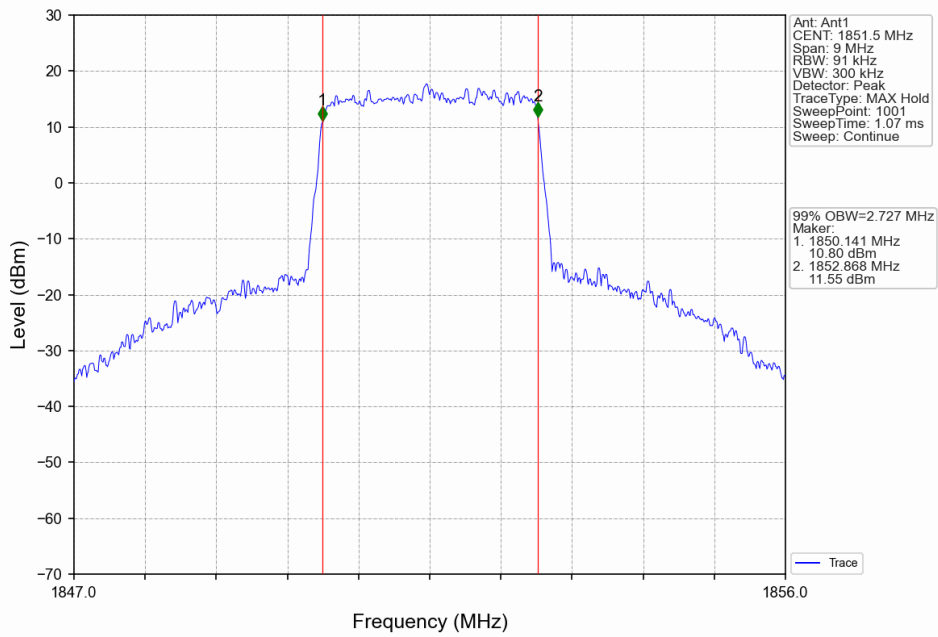
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



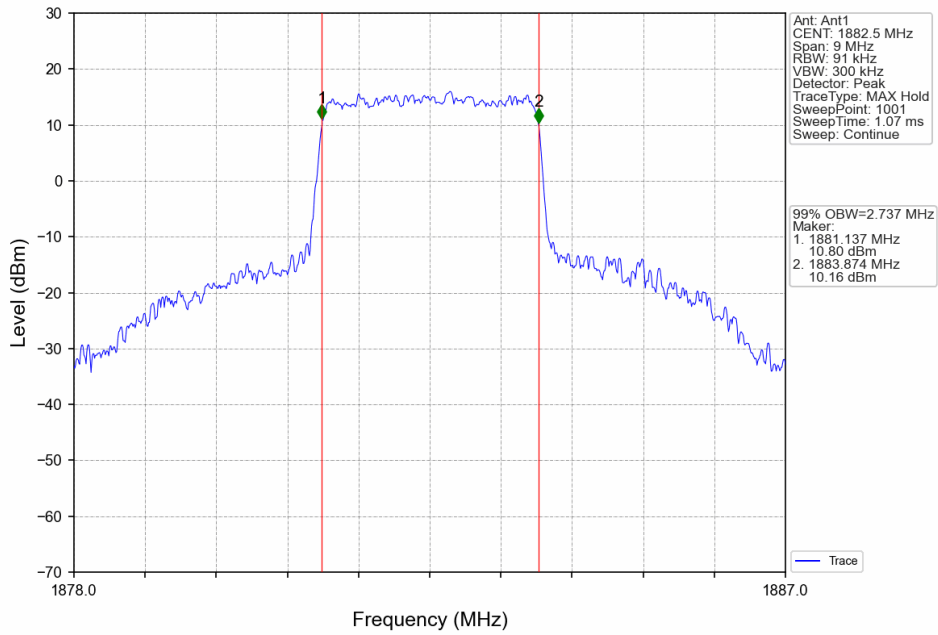
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



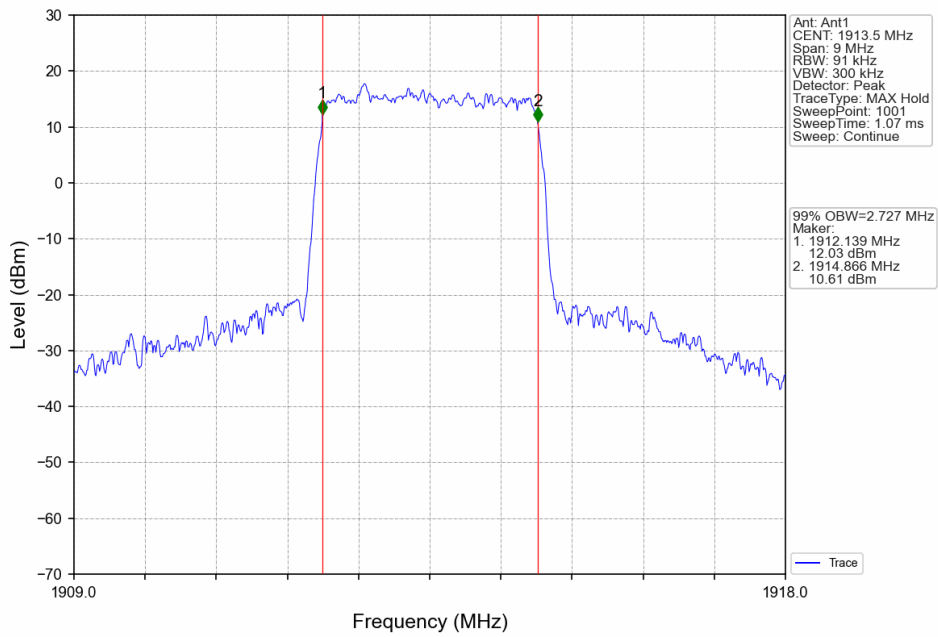
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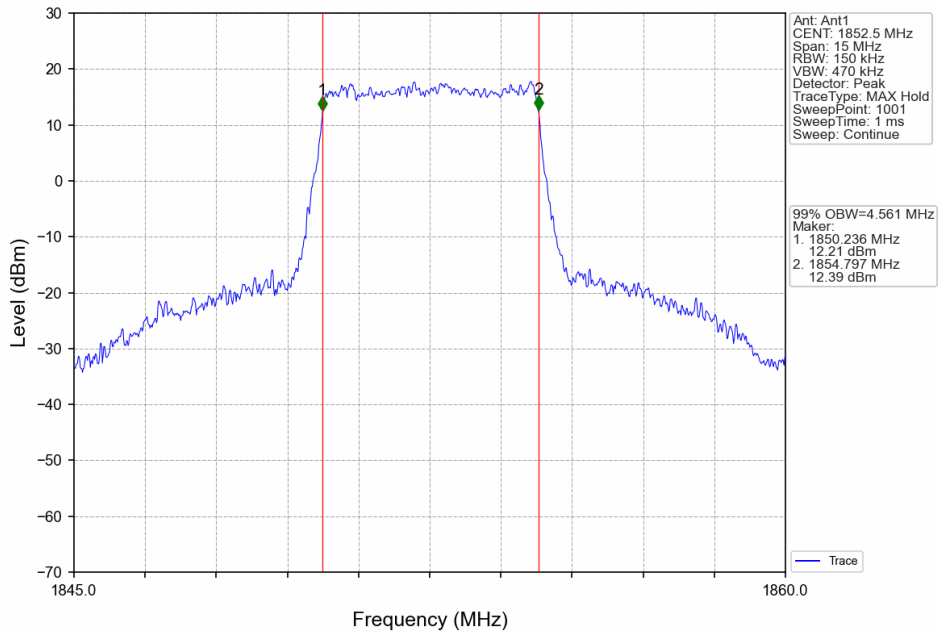
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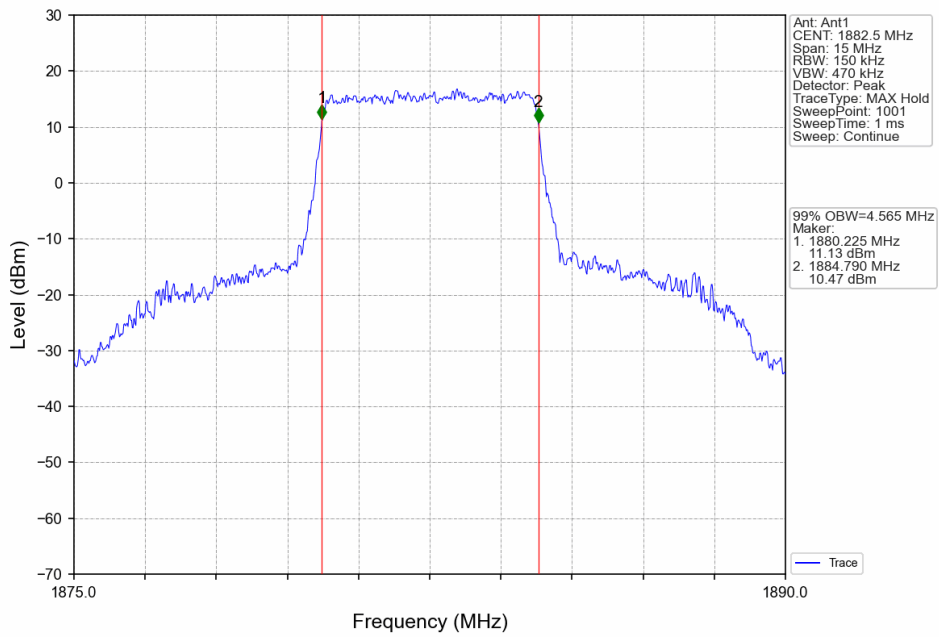
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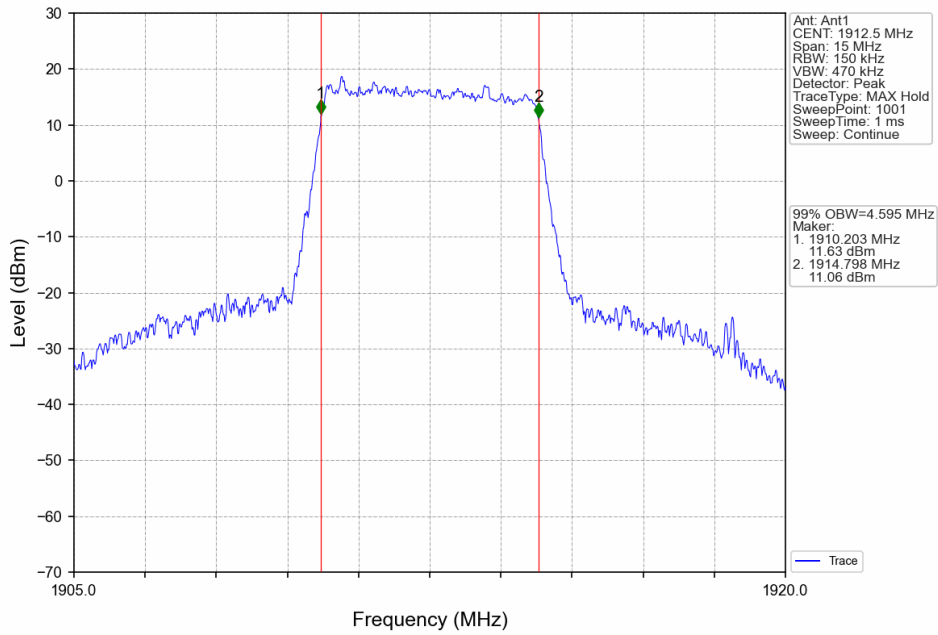
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



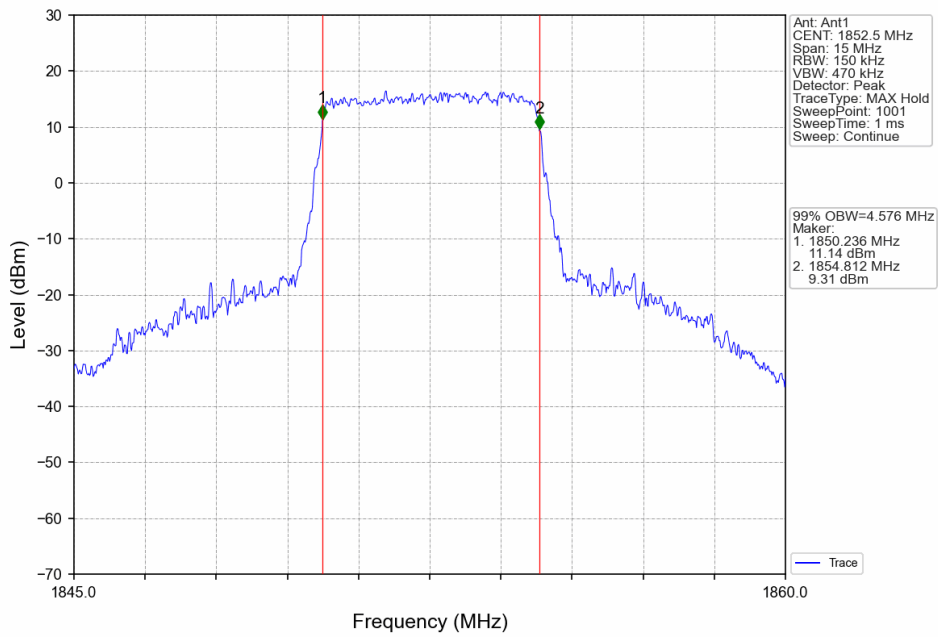
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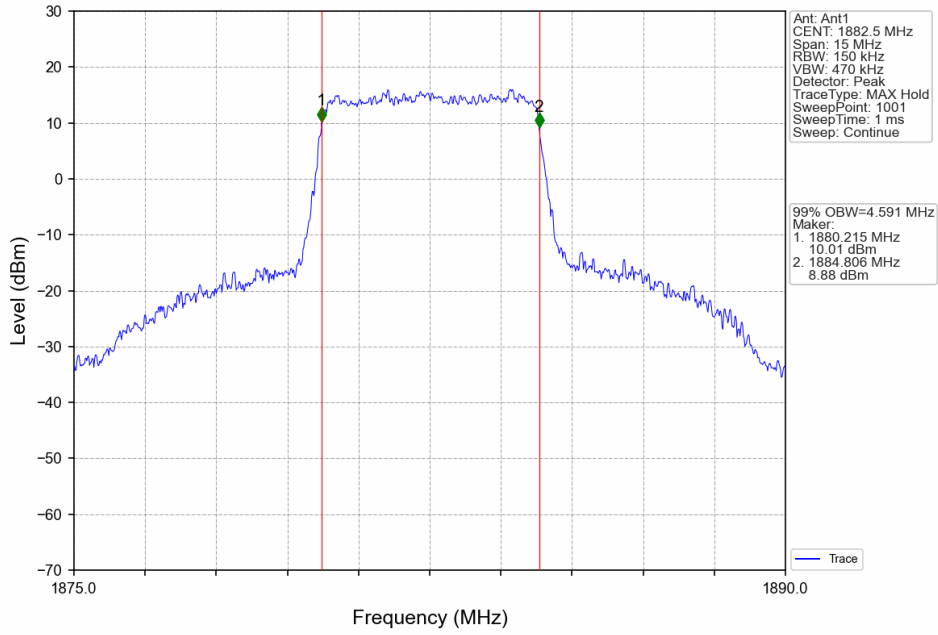
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



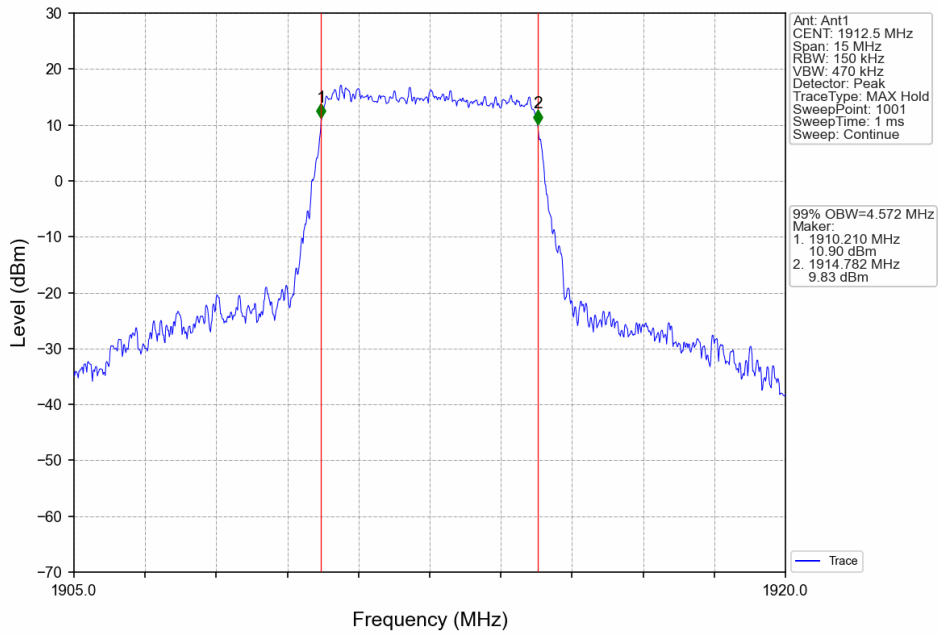
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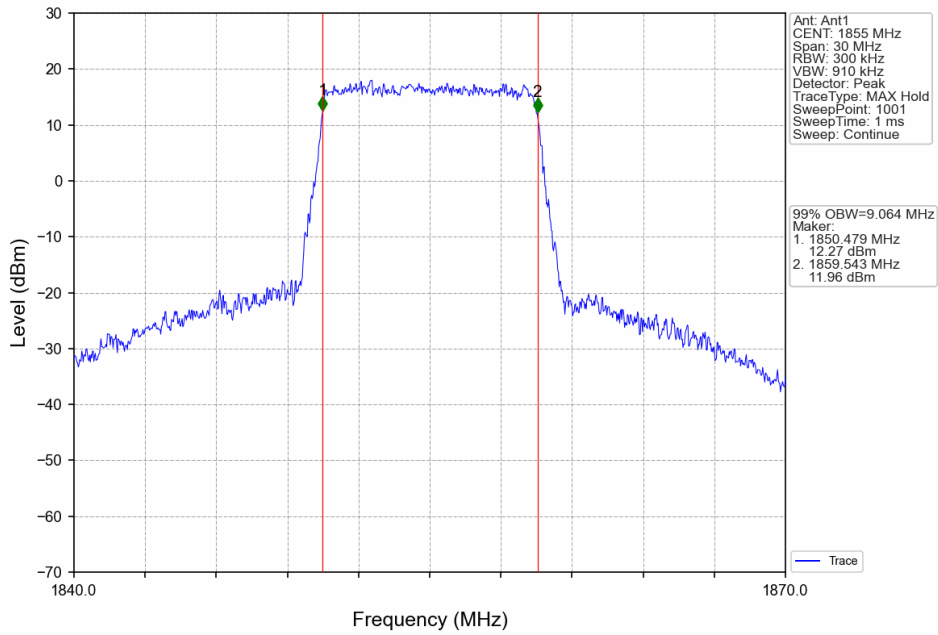
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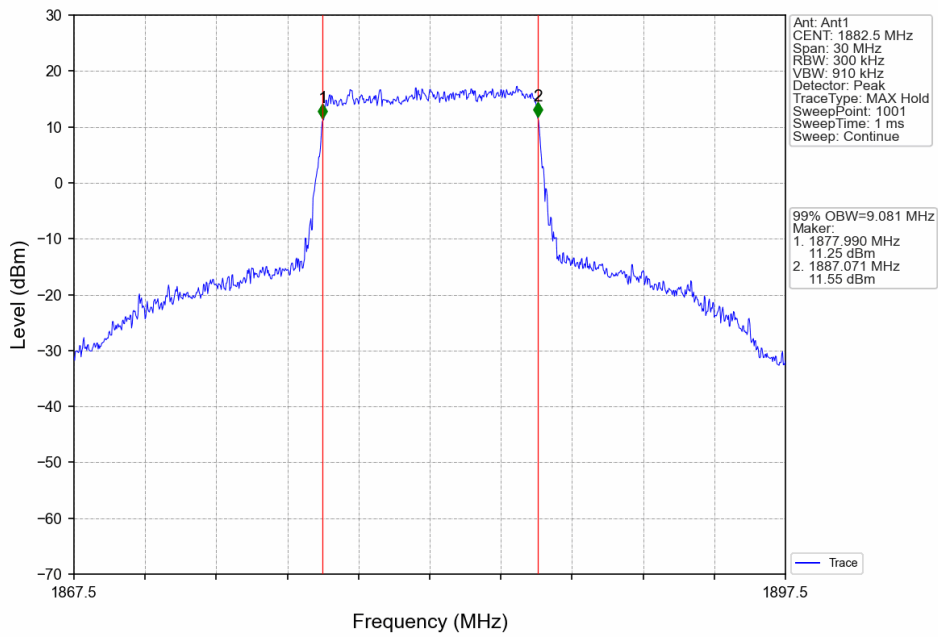
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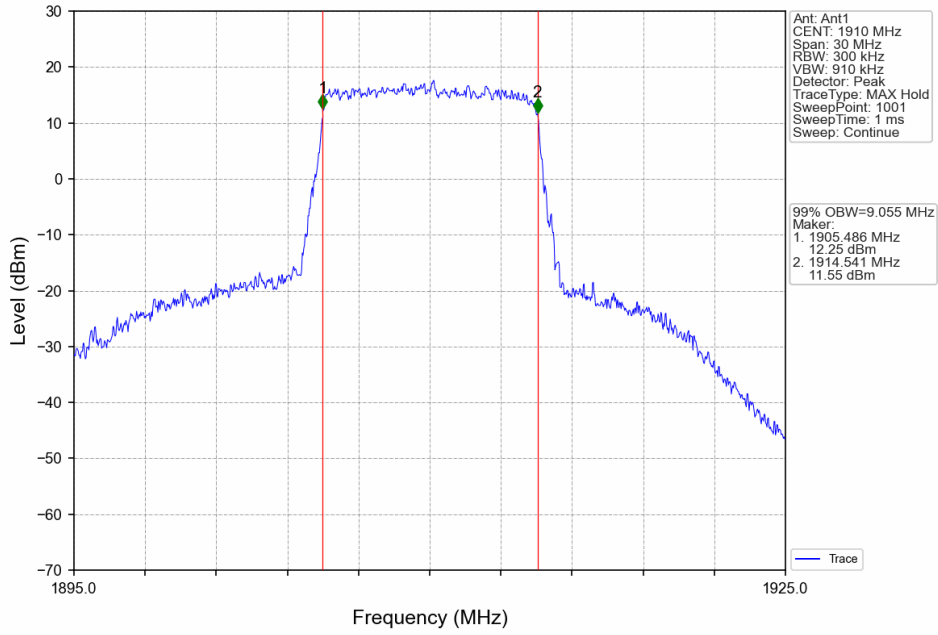
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



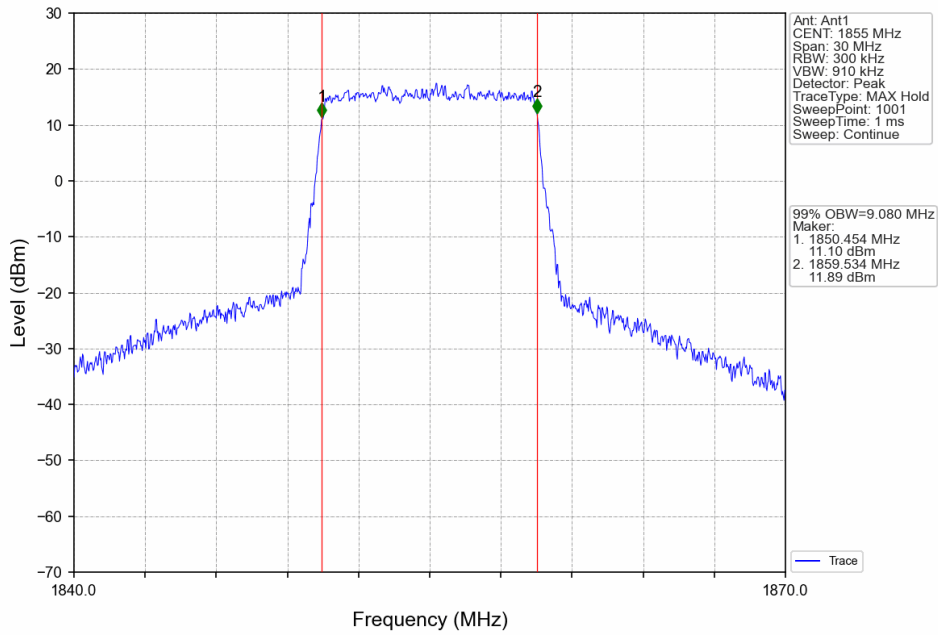
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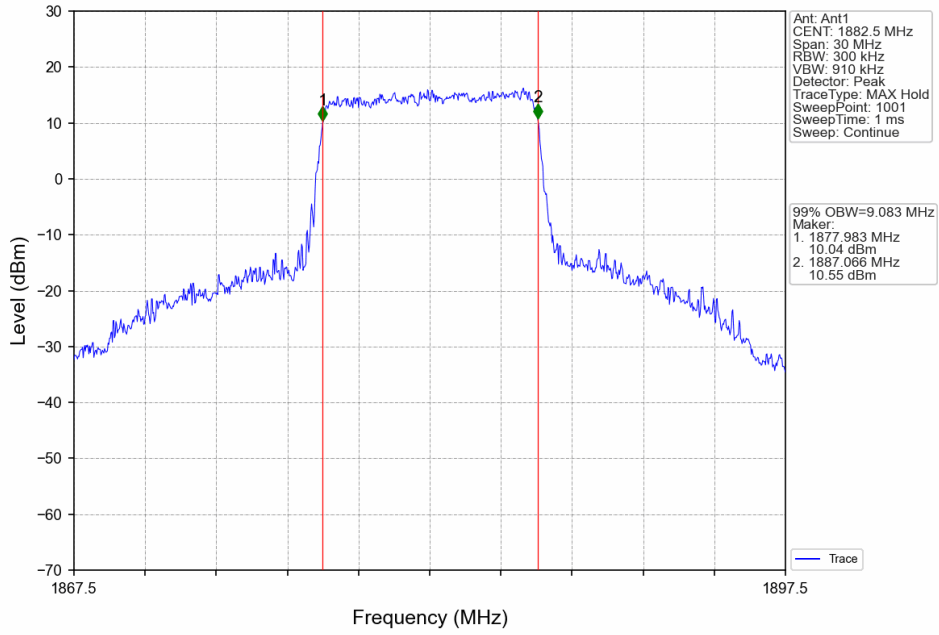
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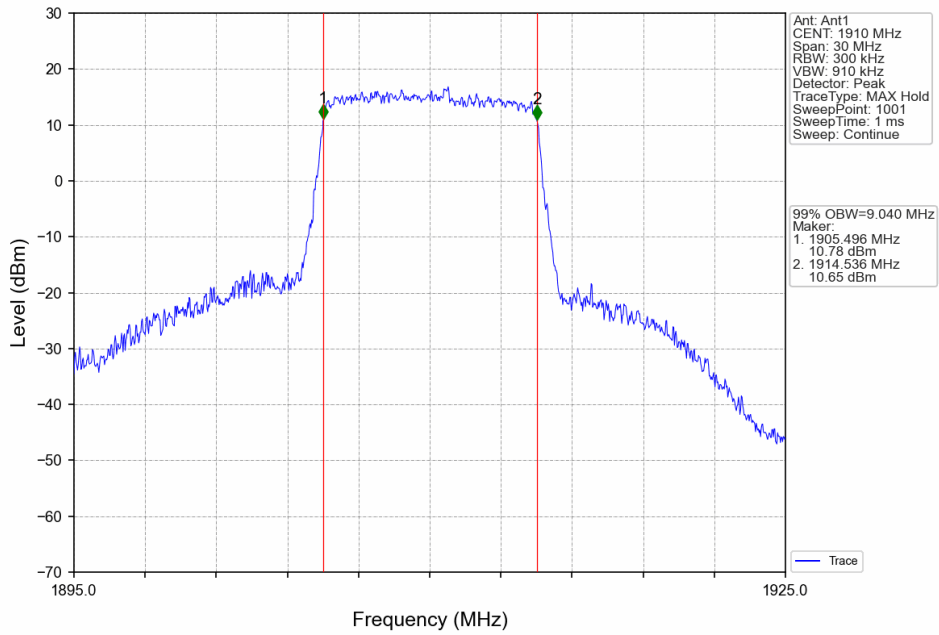
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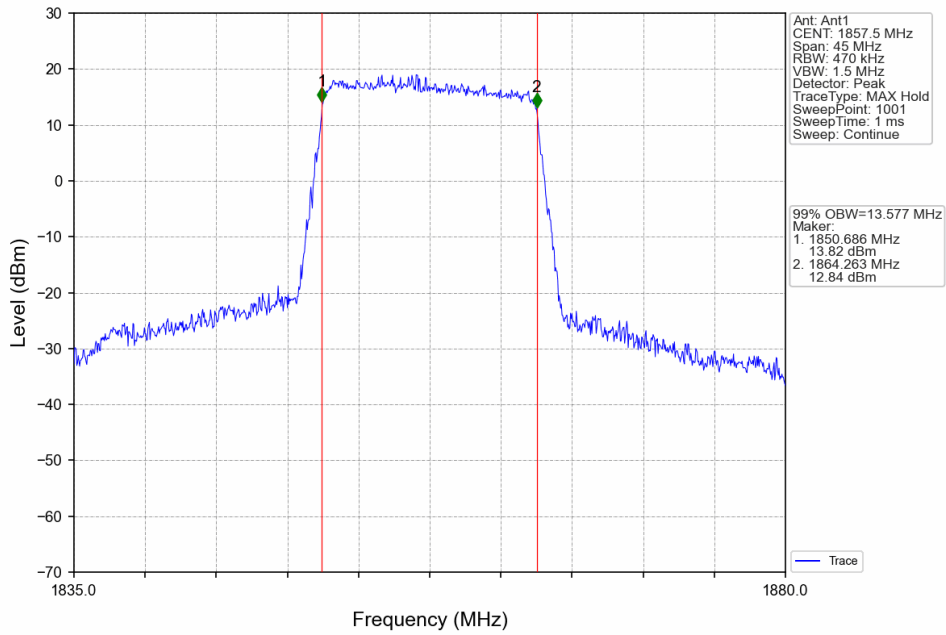
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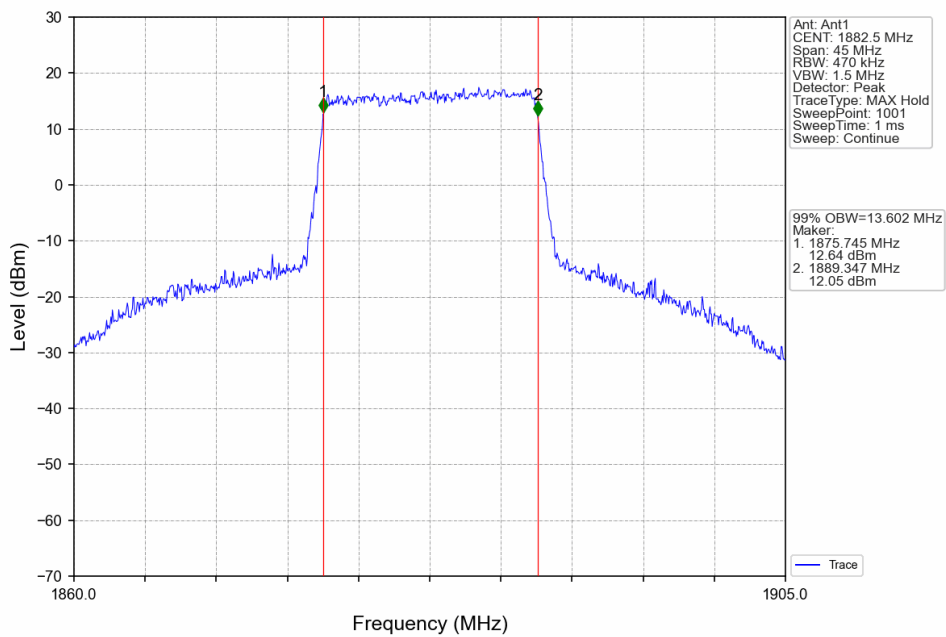
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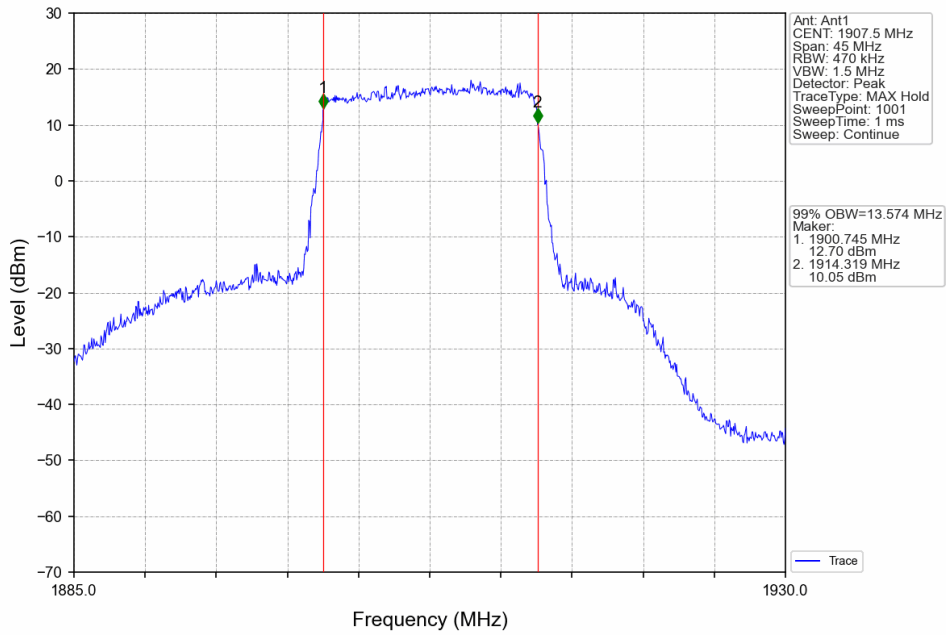
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



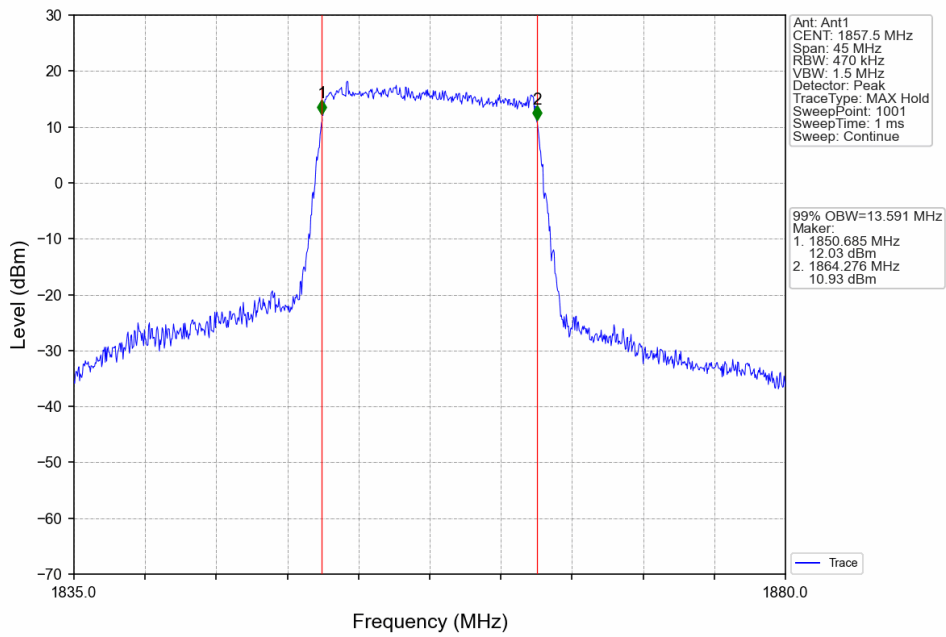
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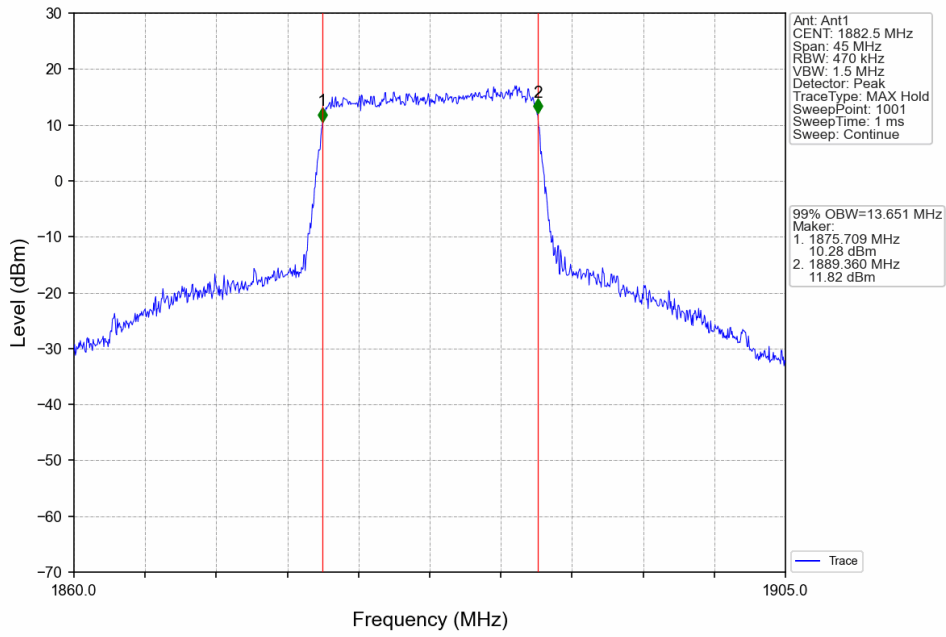
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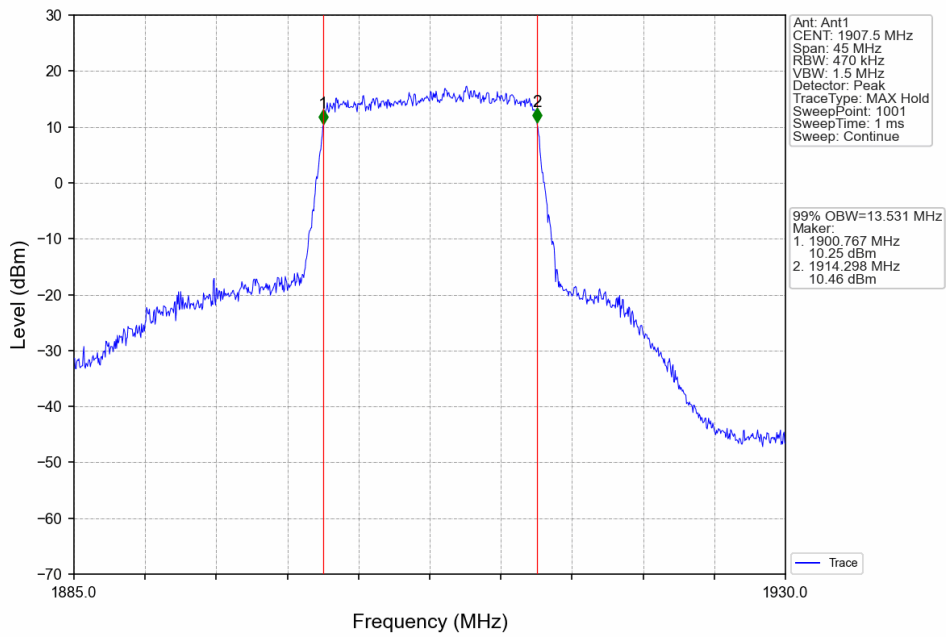
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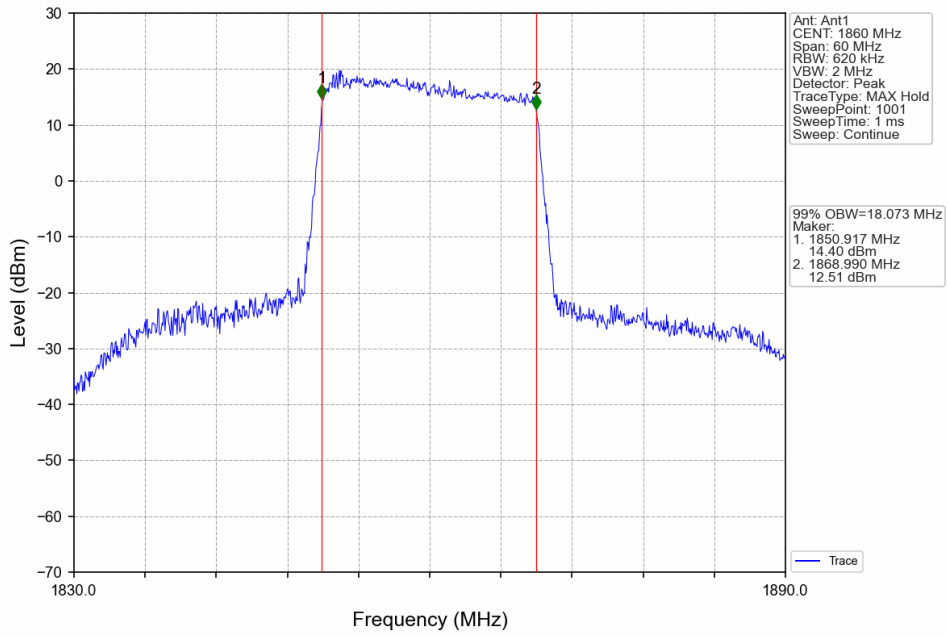
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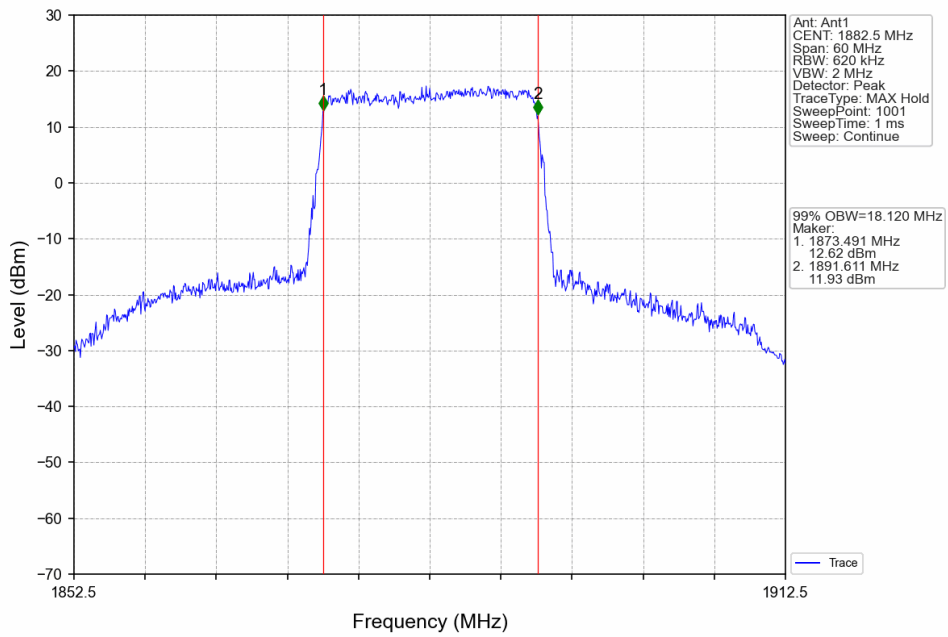
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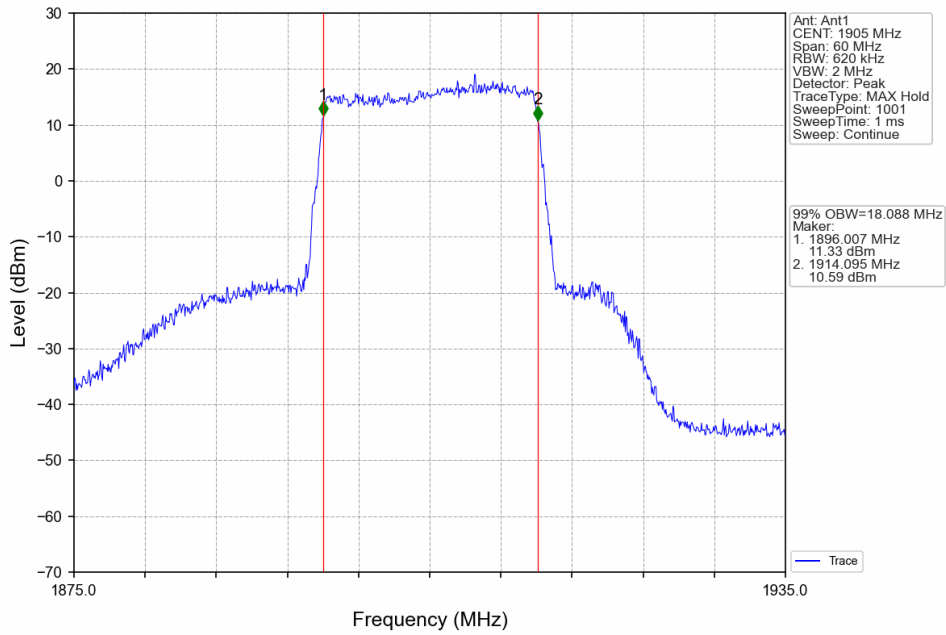
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



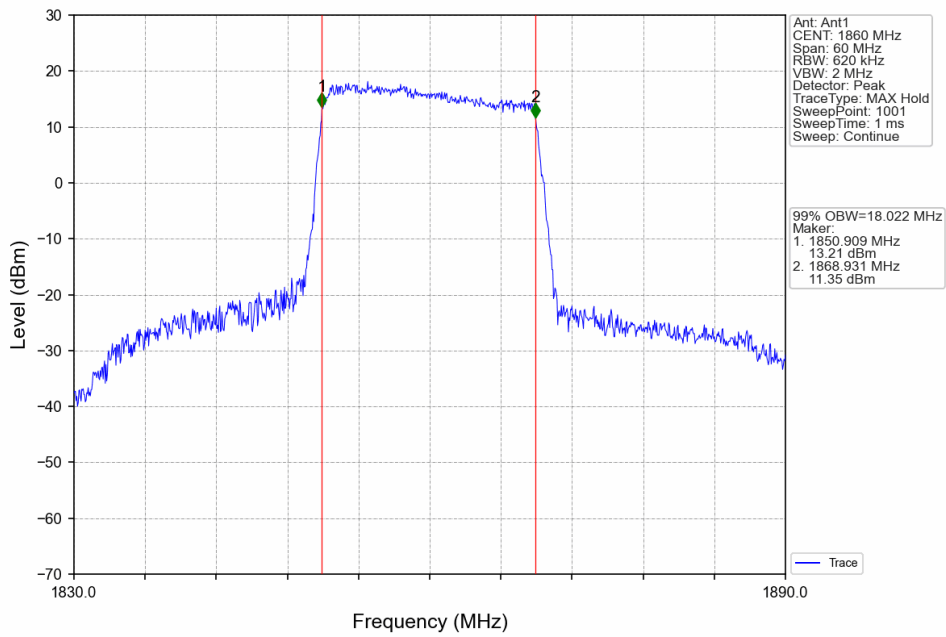
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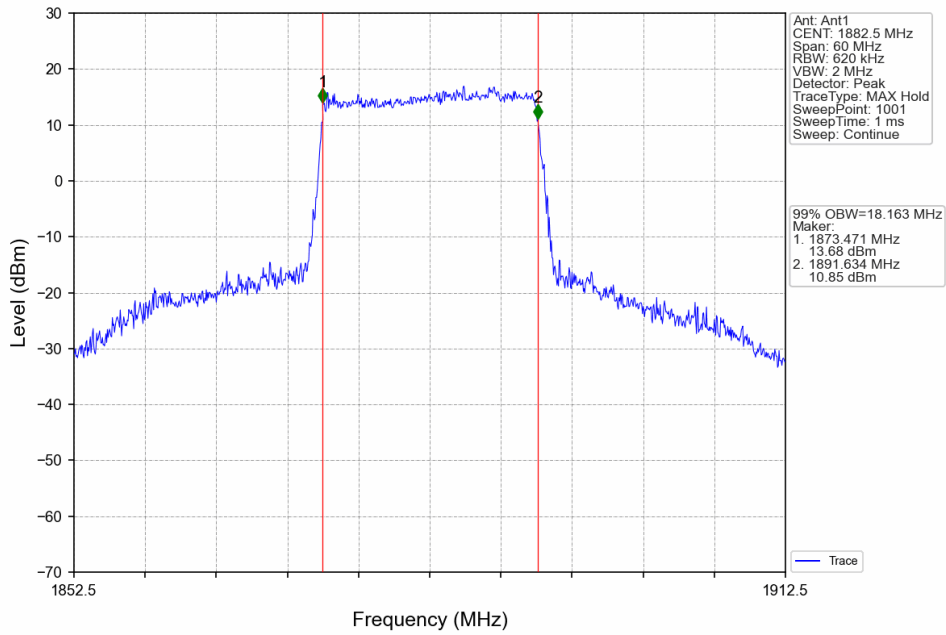
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



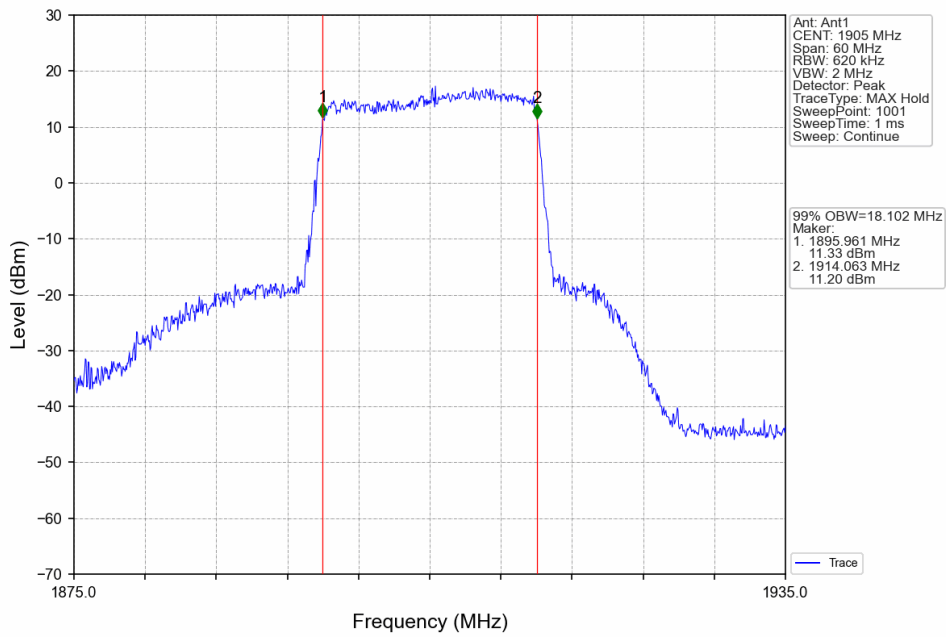
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

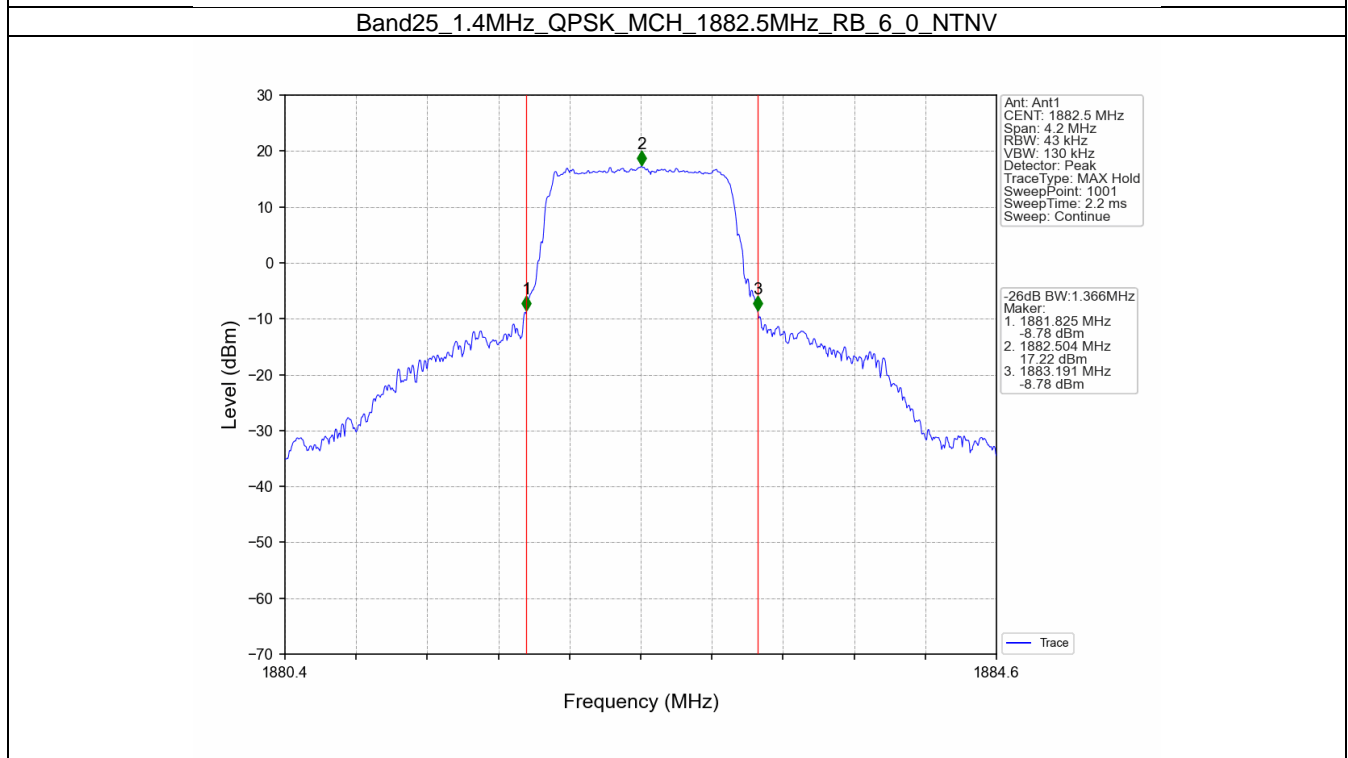
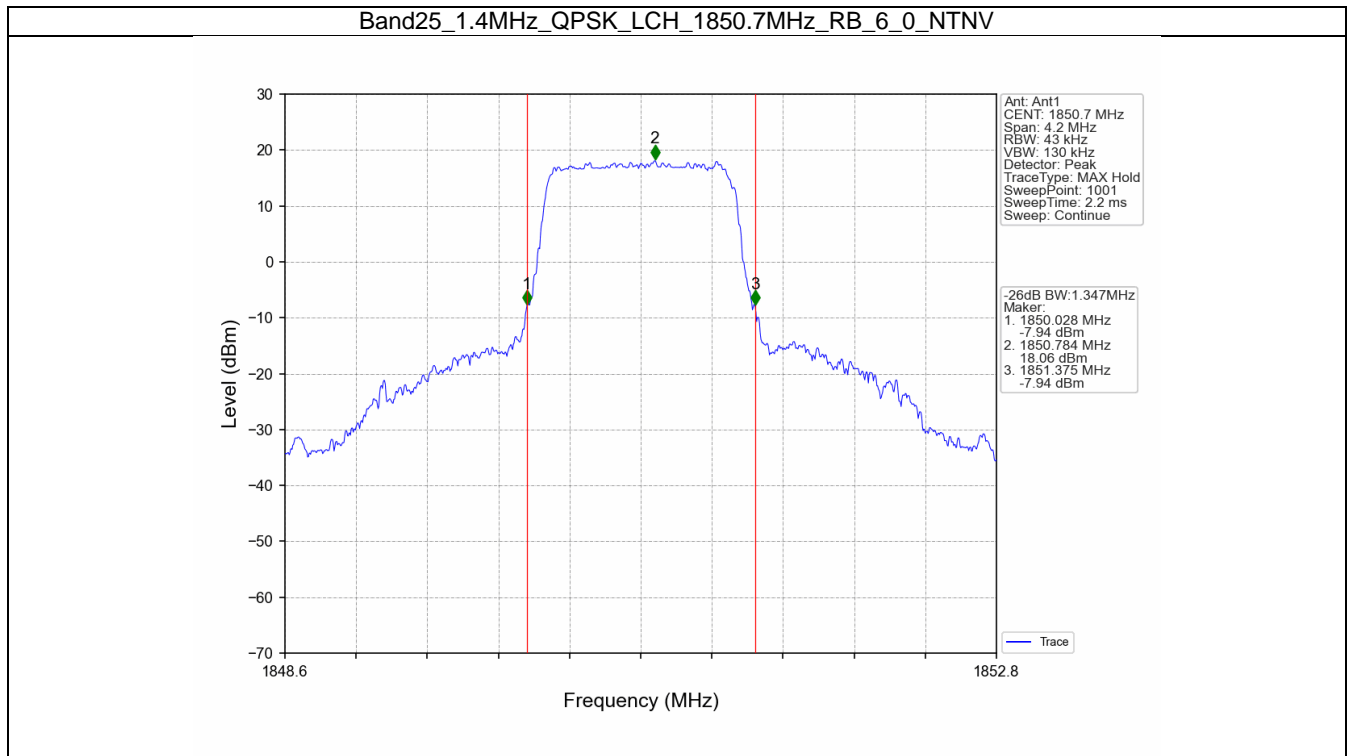


4.2 Band25_XDB

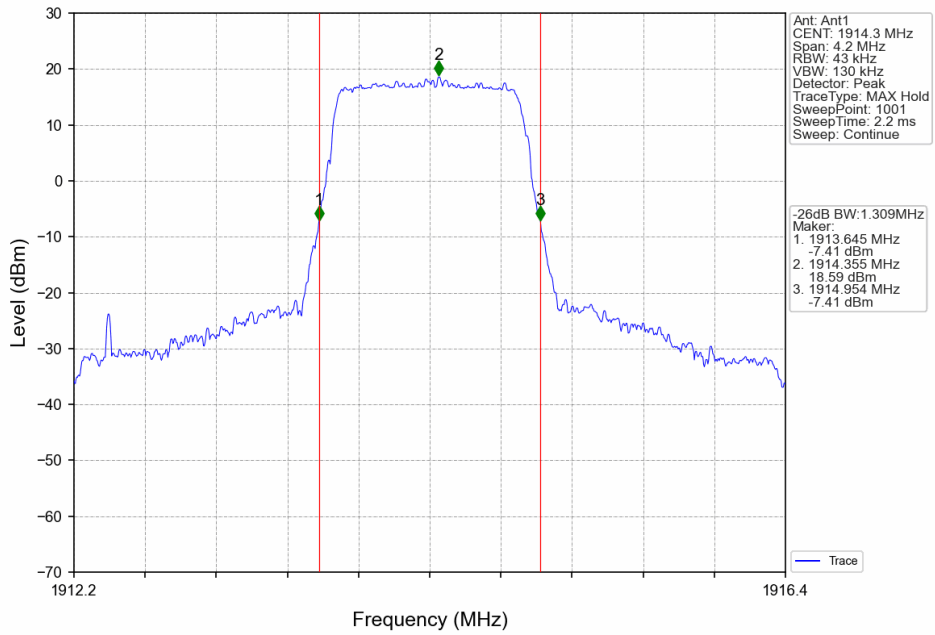
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.347	Pass
		1882.5	6	0	1.366	Pass
		1914.3	6	0	1.309	Pass
	16QAM	1850.7	6	0	1.306	Pass
		1882.5	6	0	1.336	Pass
		1914.3	6	0	1.319	Pass
3	QPSK	1851.5	15	0	2.981	Pass
		1882.5	15	0	2.996	Pass
		1913.5	15	0	3.000	Pass
	16QAM	1851.5	15	0	3.006	Pass
		1882.5	15	0	3.004	Pass
		1913.5	15	0	2.978	Pass
5	QPSK	1852.5	25	0	5.223	Pass
		1882.5	25	0	5.270	Pass
		1912.5	25	0	5.229	Pass
	16QAM	1852.5	25	0	5.319	Pass
		1882.5	25	0	5.213	Pass
		1912.5	25	0	5.279	Pass
10	QPSK	1855	50	0	10.264	Pass
		1882.5	50	0	10.236	Pass
		1910	50	0	10.308	Pass
	16QAM	1855	50	0	10.187	Pass
		1882.5	50	0	10.331	Pass
		1910	50	0	10.168	Pass
15	QPSK	1857.5	75	0	15.437	Pass
		1882.5	75	0	15.314	Pass
		1907.5	75	0	15.358	Pass
	16QAM	1857.5	75	0	15.153	Pass
		1882.5	75	0	15.198	Pass
		1907.5	75	0	15.282	Pass
20	QPSK	1860	100	0	19.840	Pass
		1882.5	100	0	20.205	Pass
		1905	100	0	19.949	Pass
	16QAM	1860	100	0	19.880	Pass
		1882.5	100	0	20.026	Pass
		1905	100	0	19.958	Pass

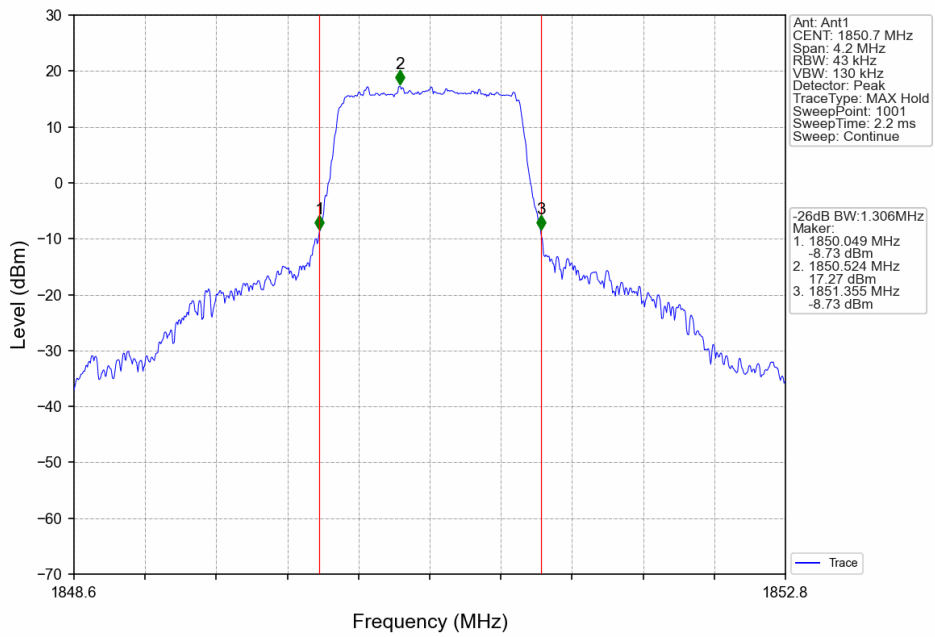
4.2.2 Test Graph



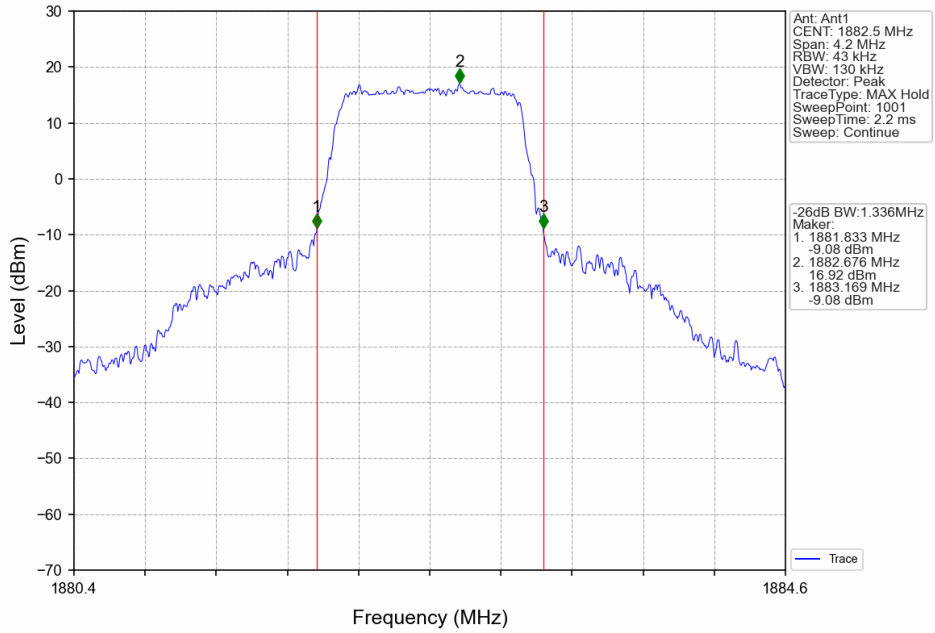
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



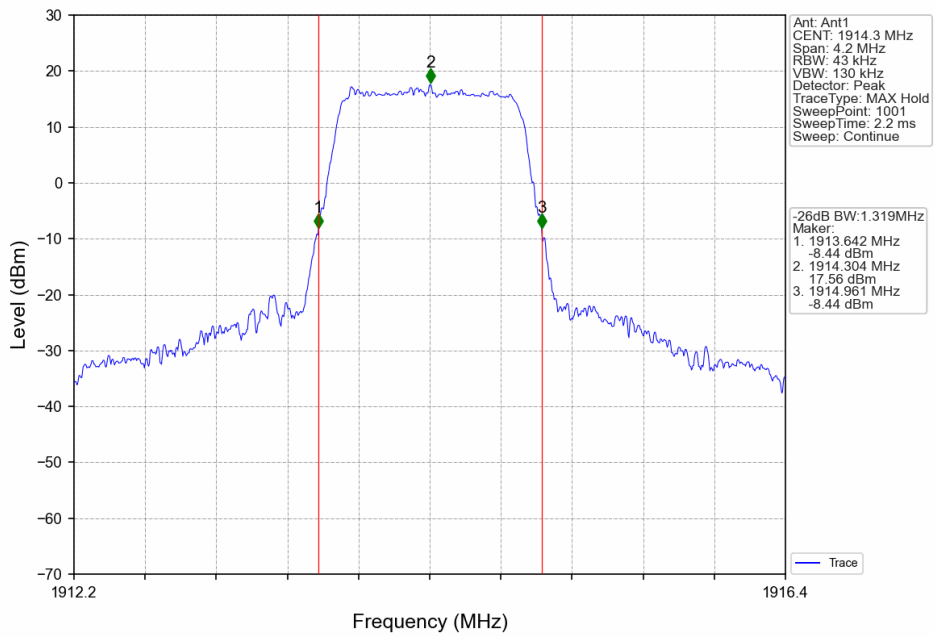
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



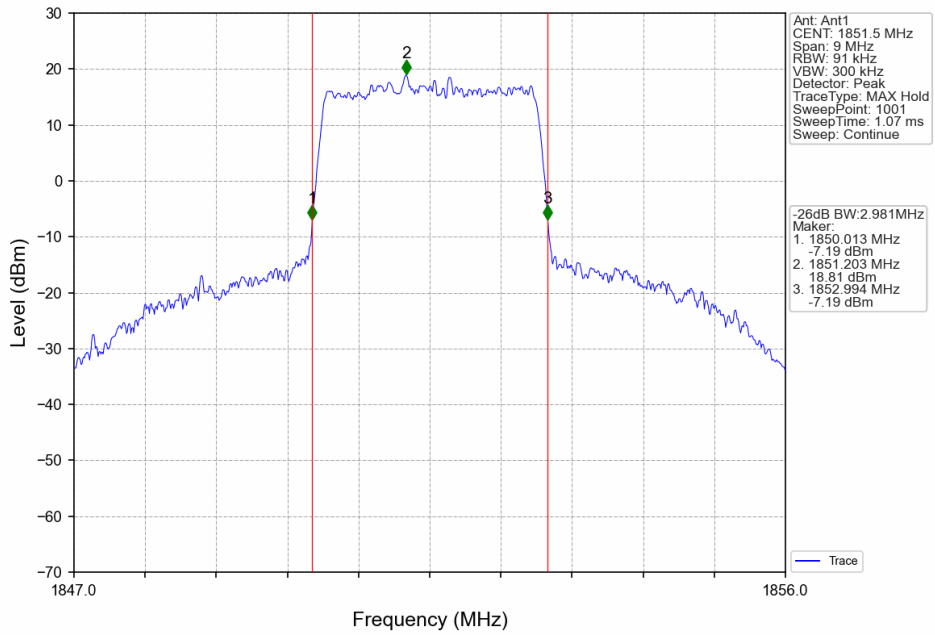
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



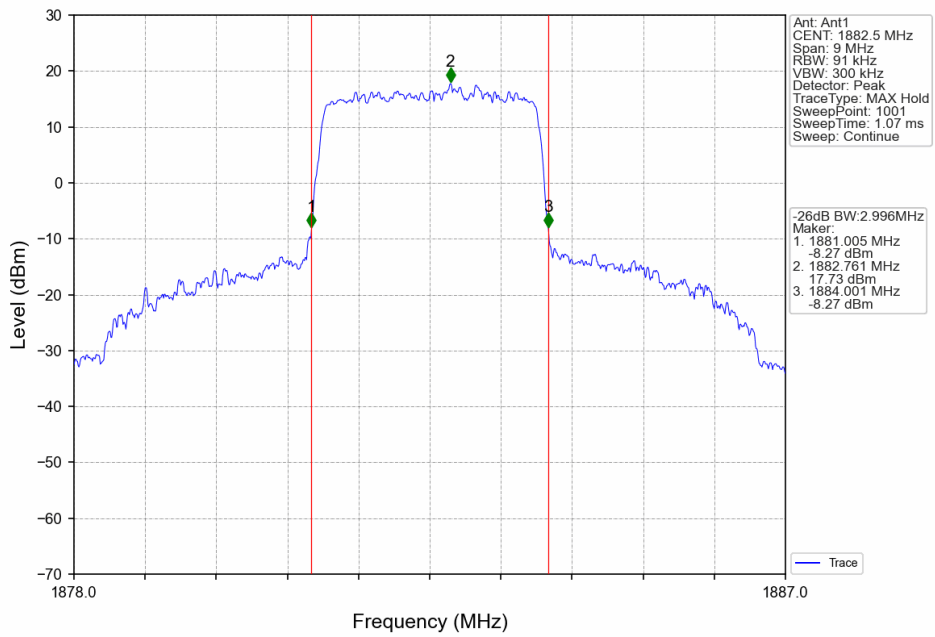
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



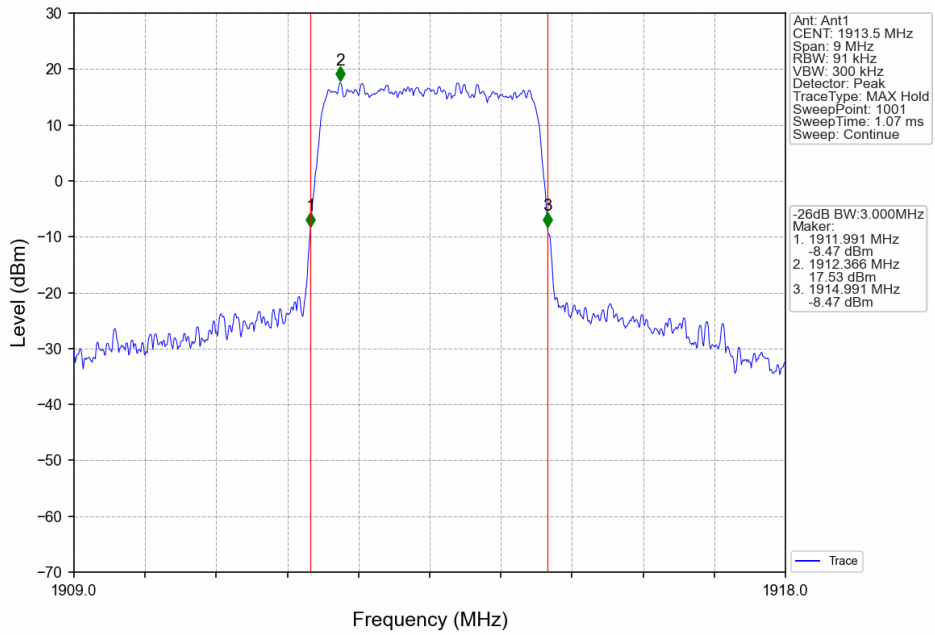
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



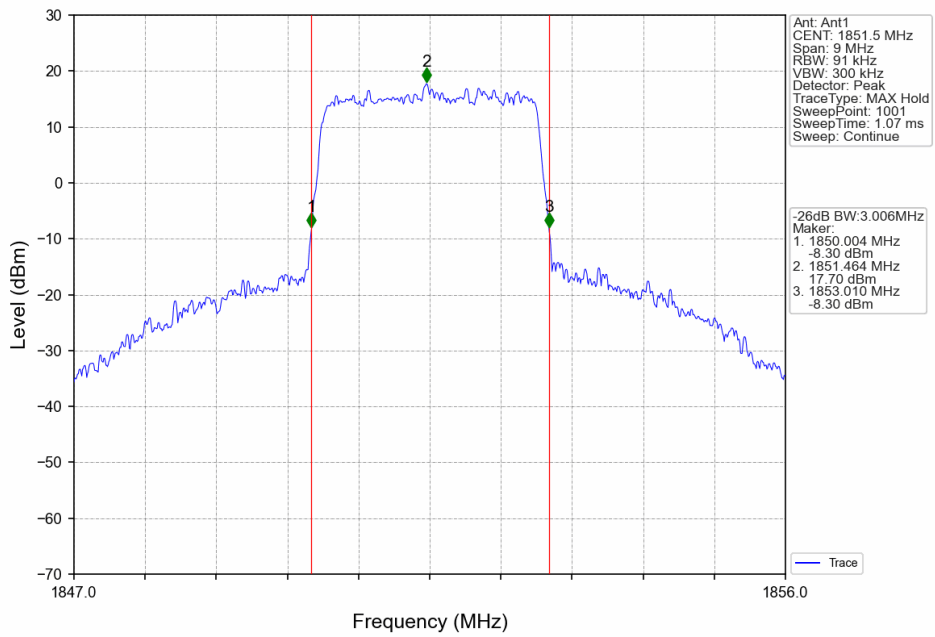
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



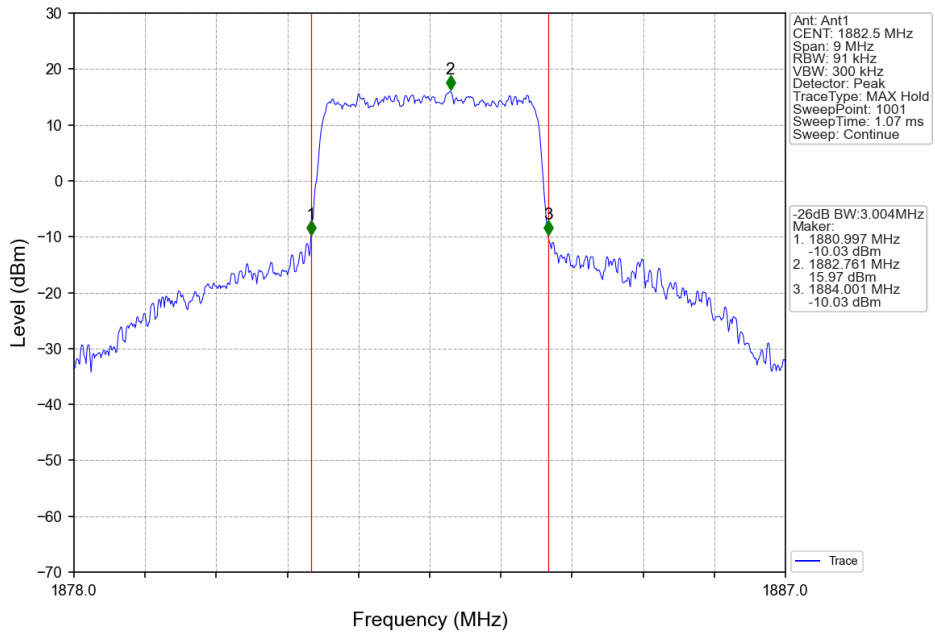
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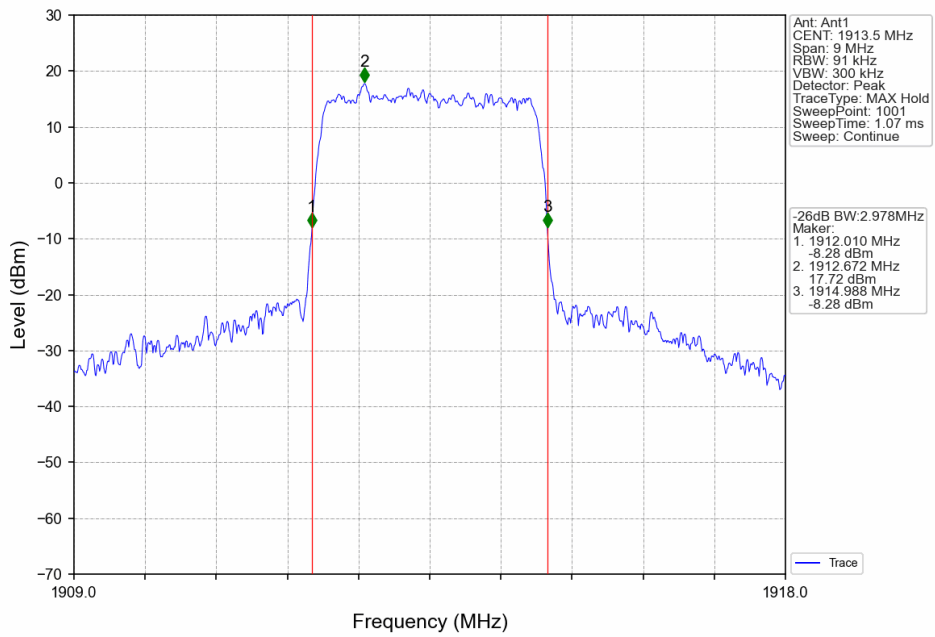
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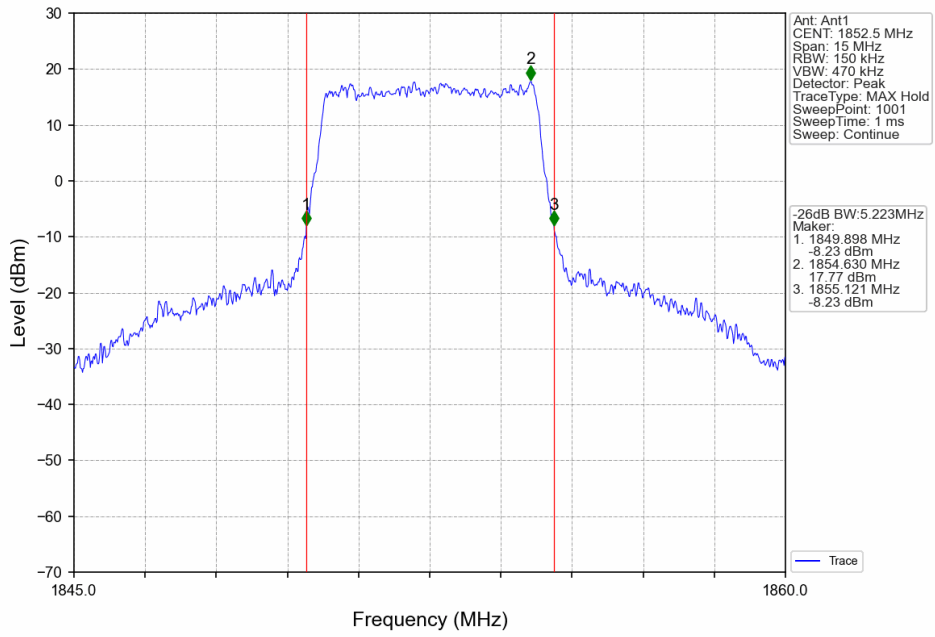
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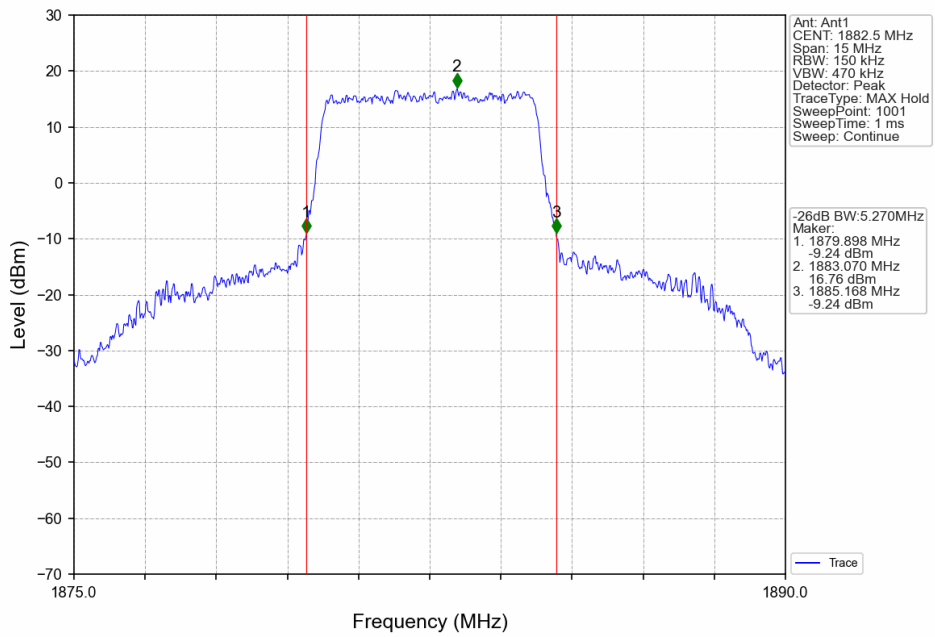
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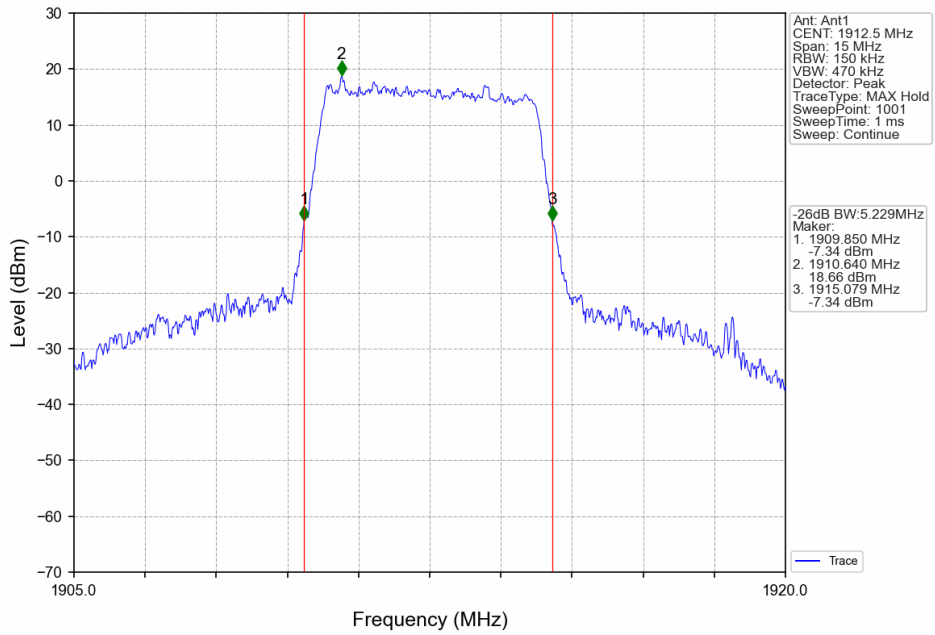
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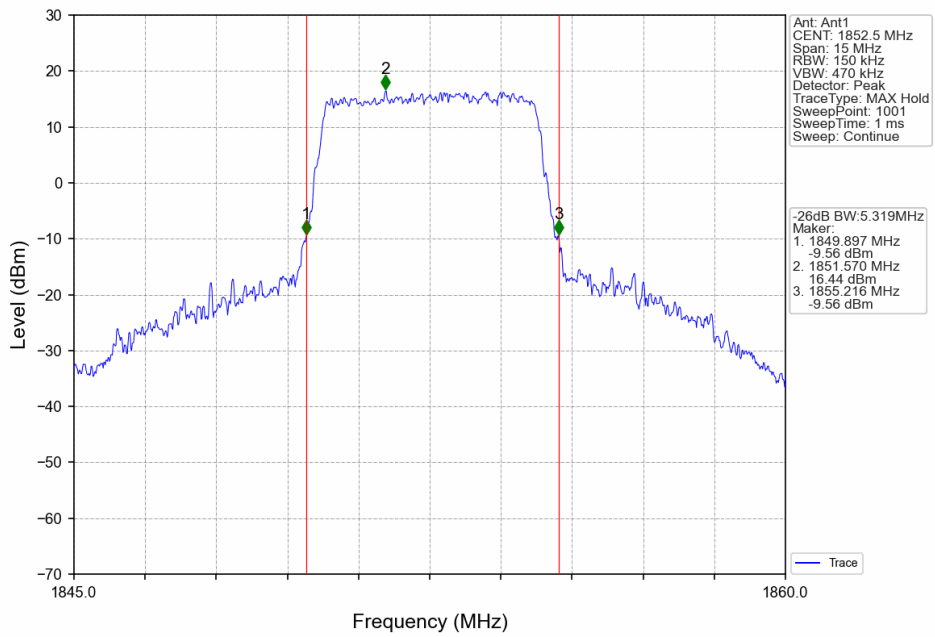
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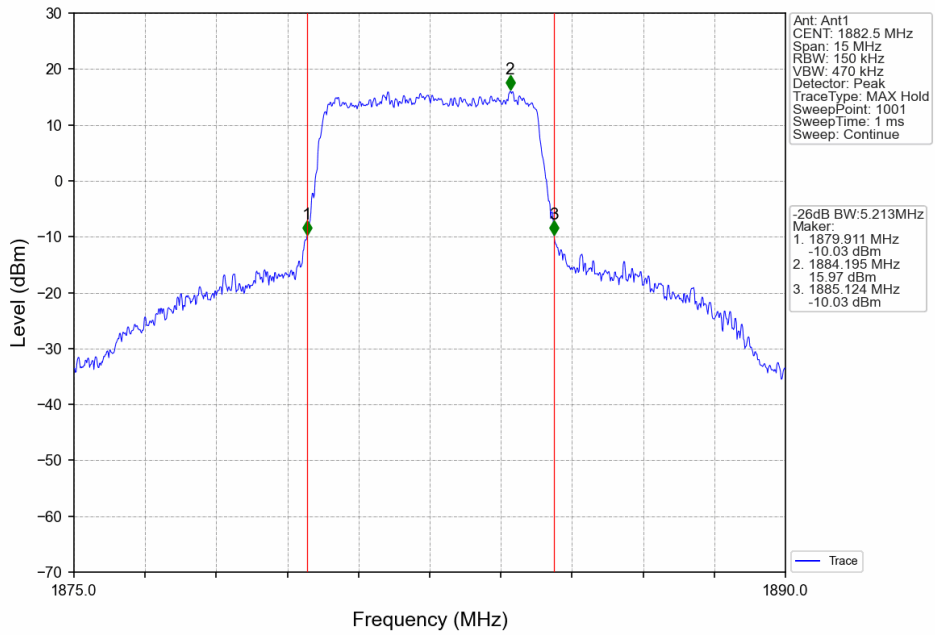
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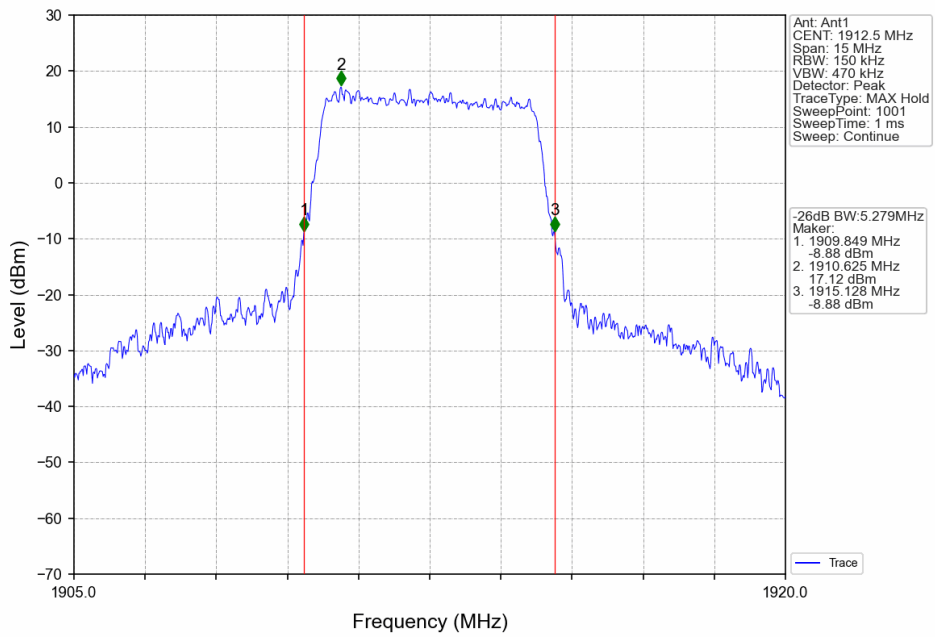
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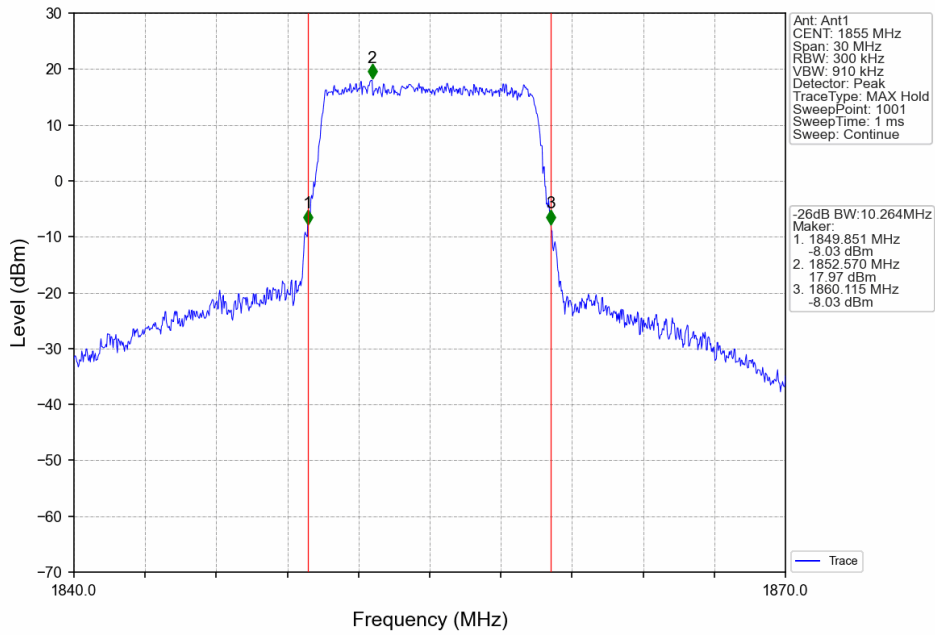
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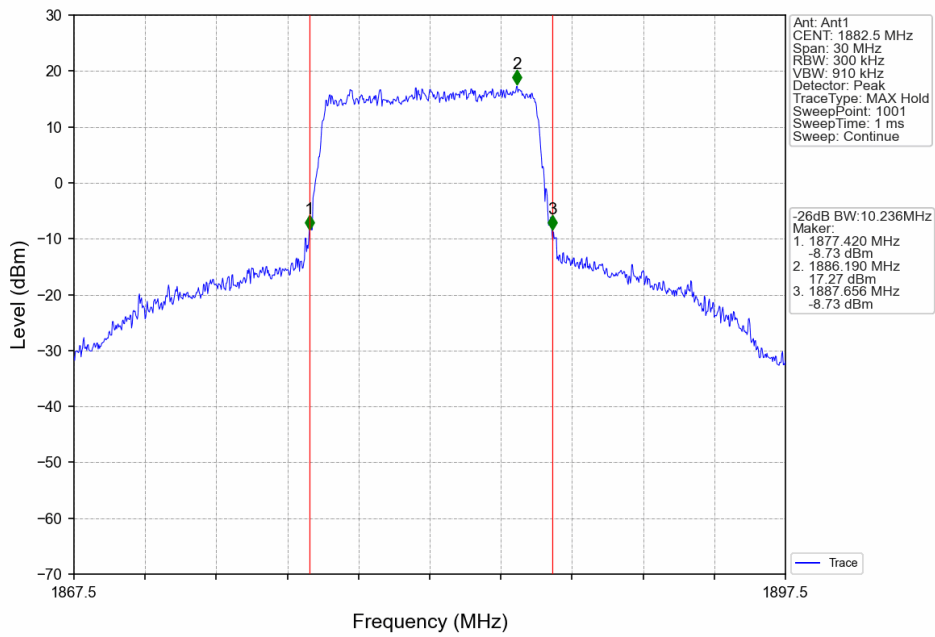
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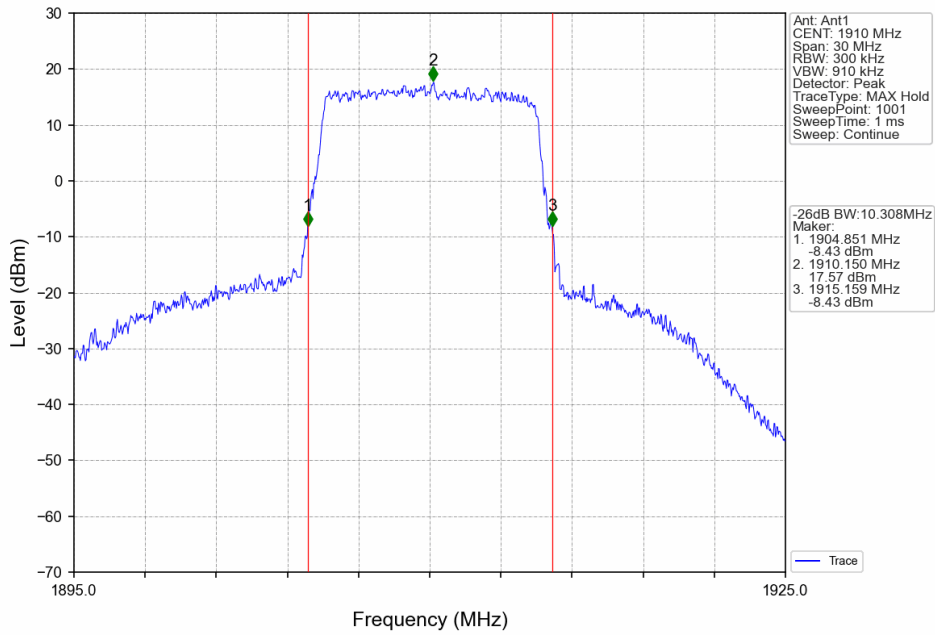
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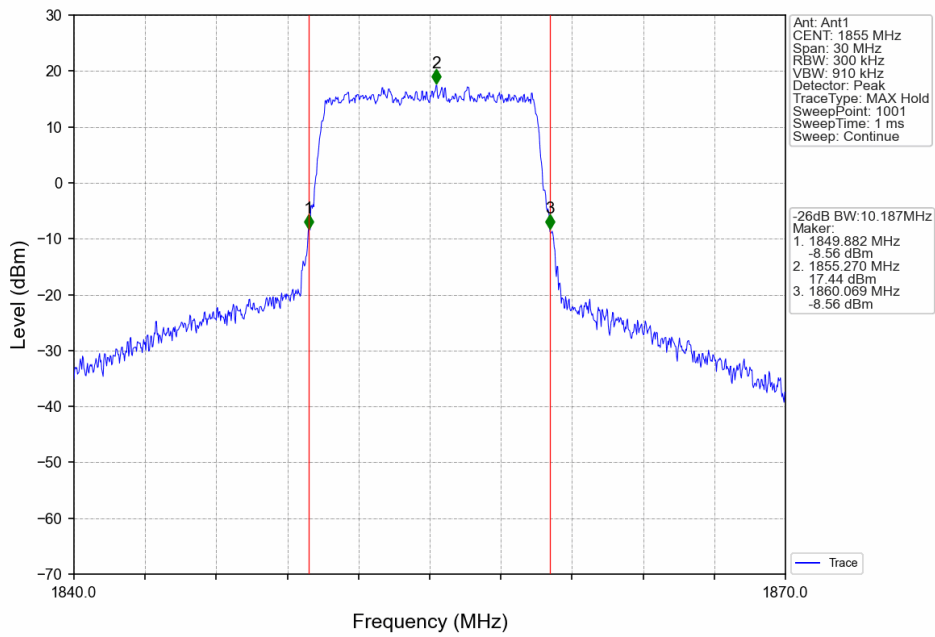
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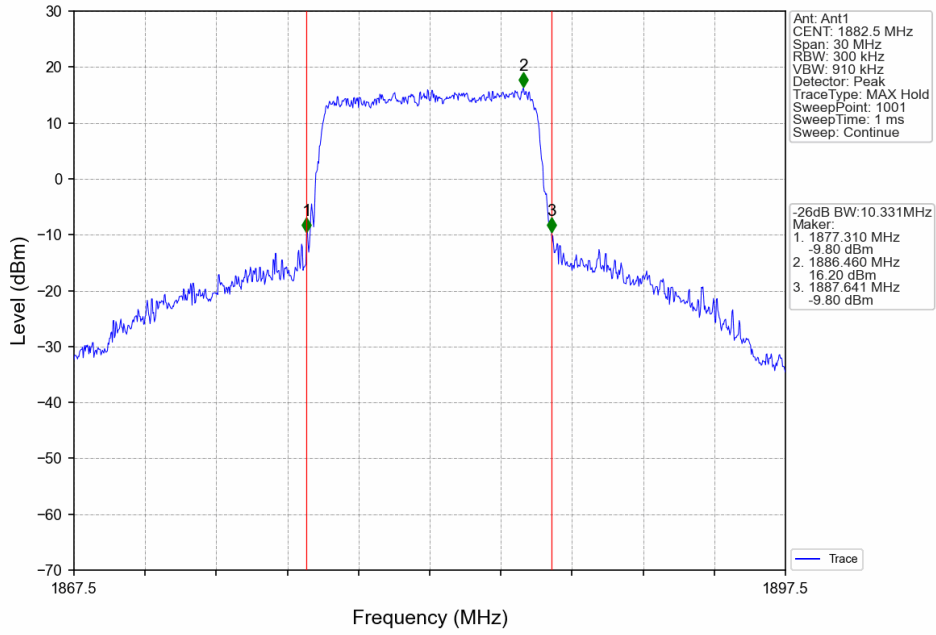
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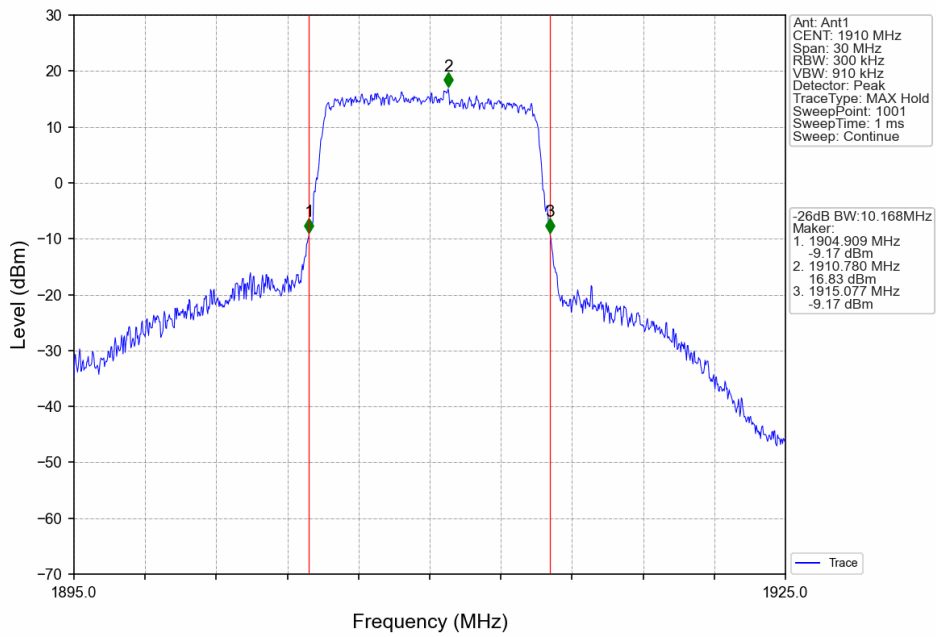
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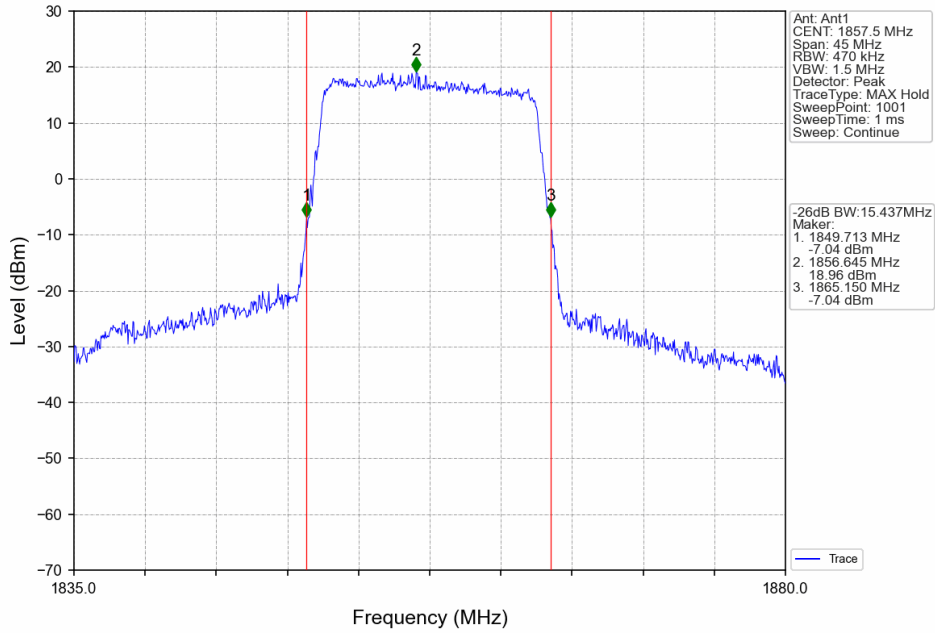
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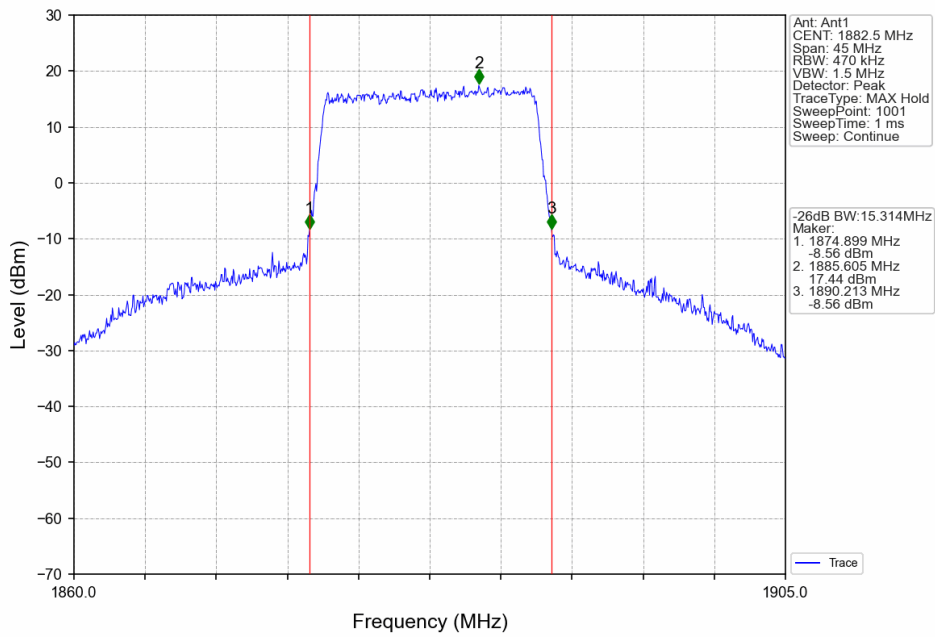
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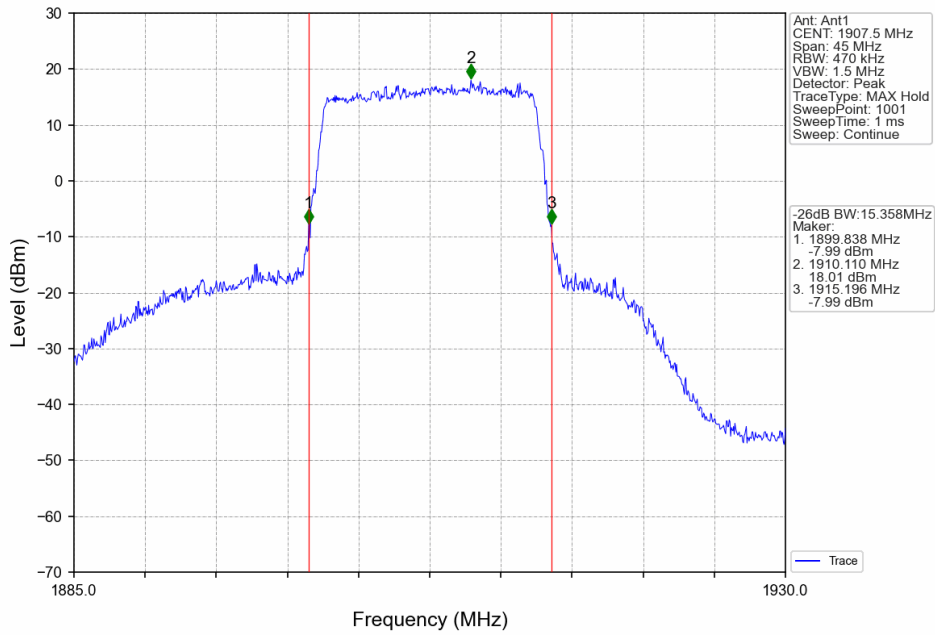
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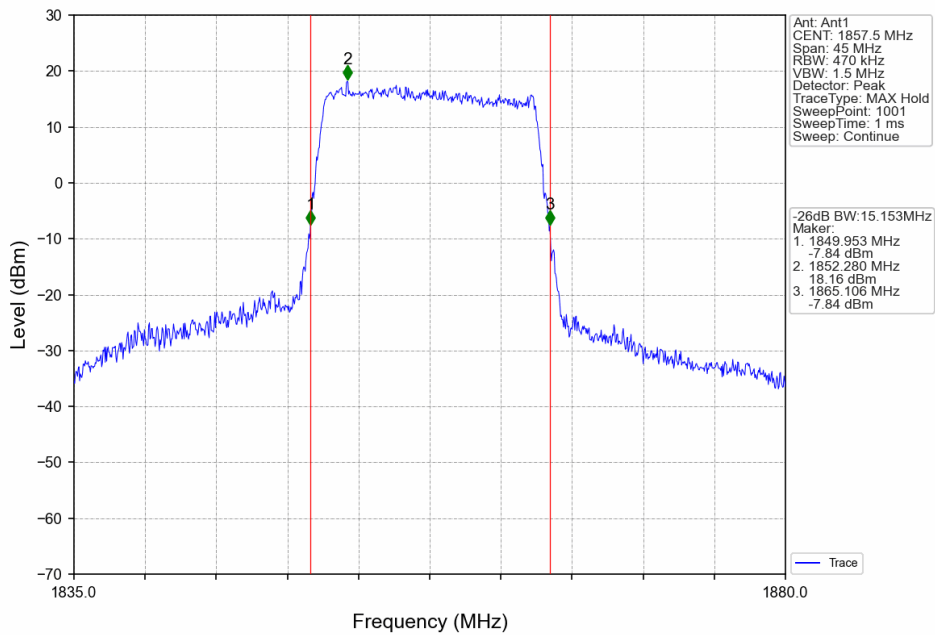
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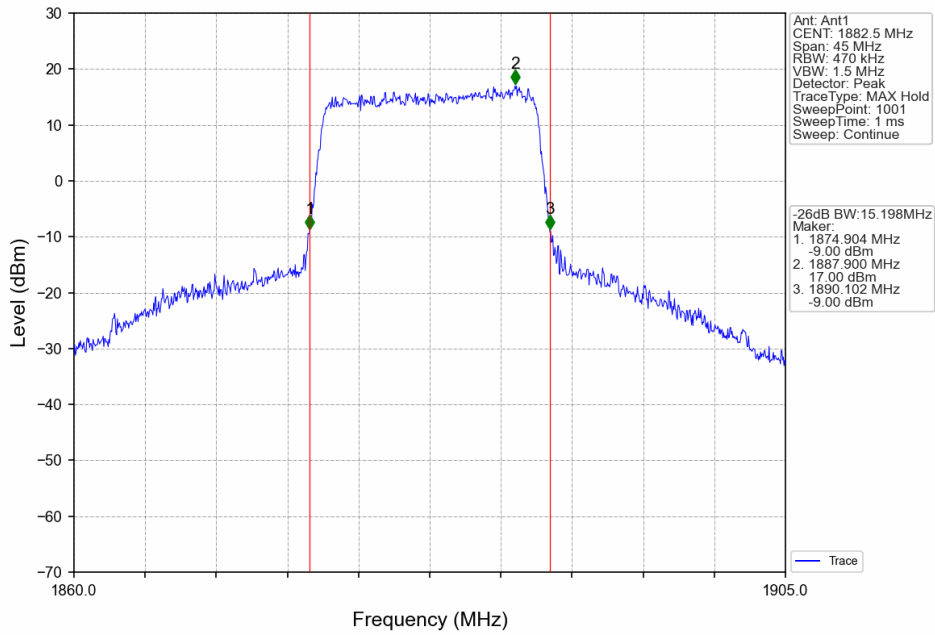
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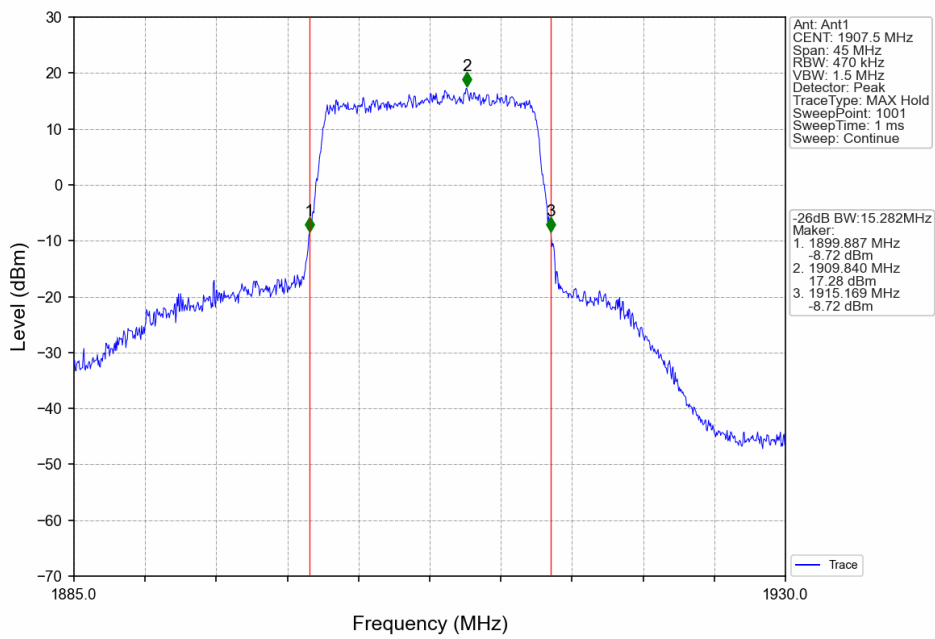
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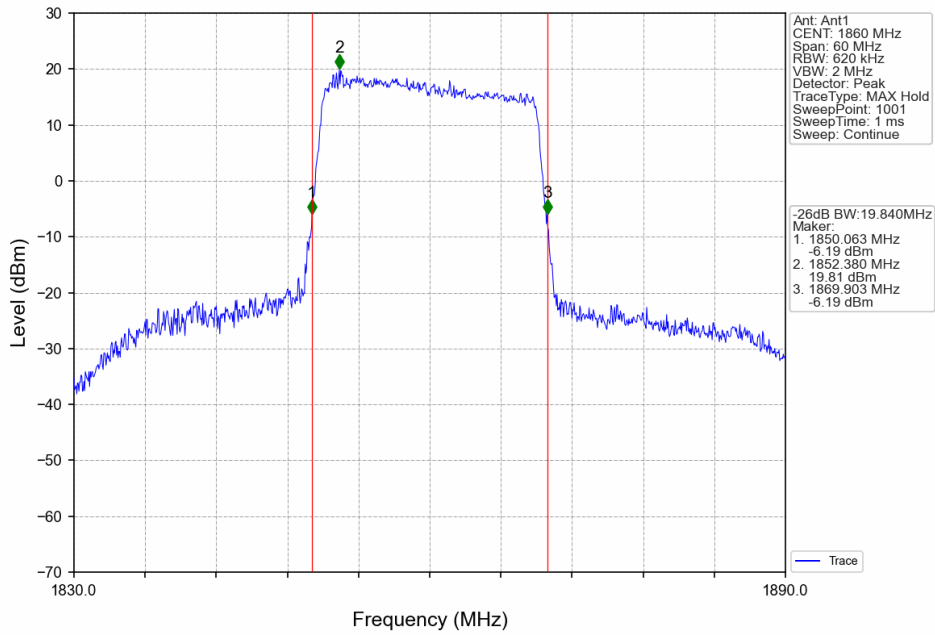
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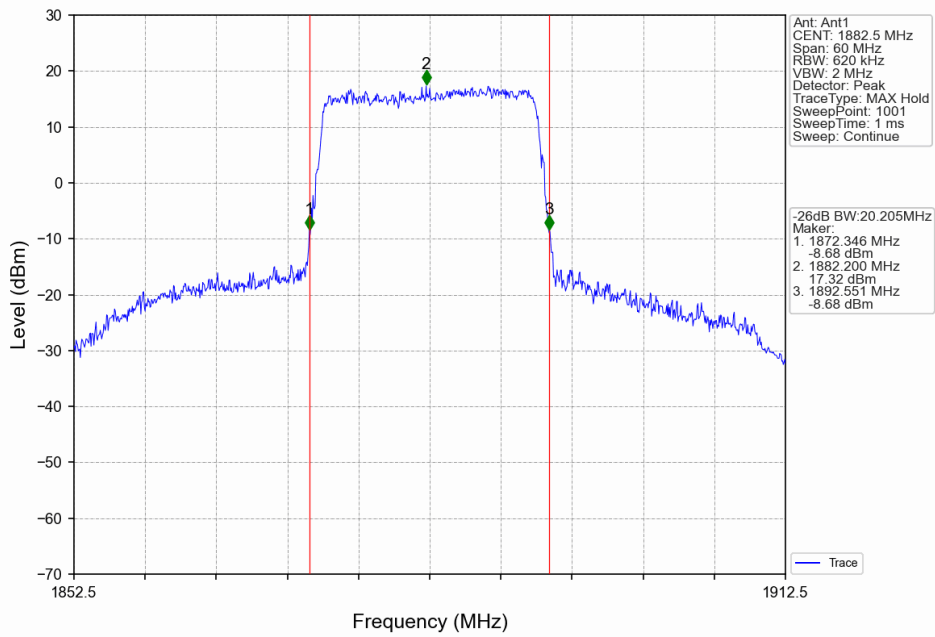
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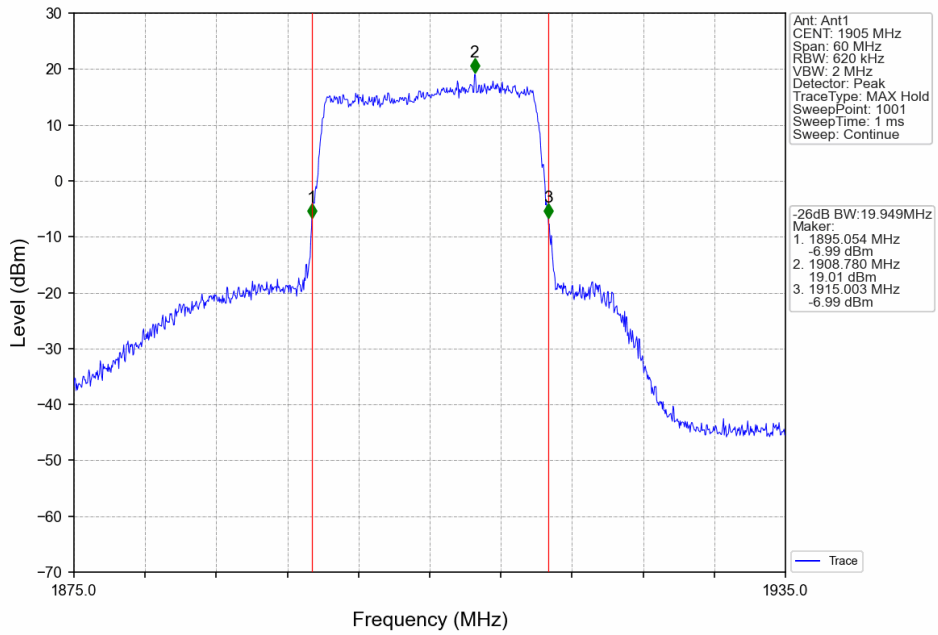
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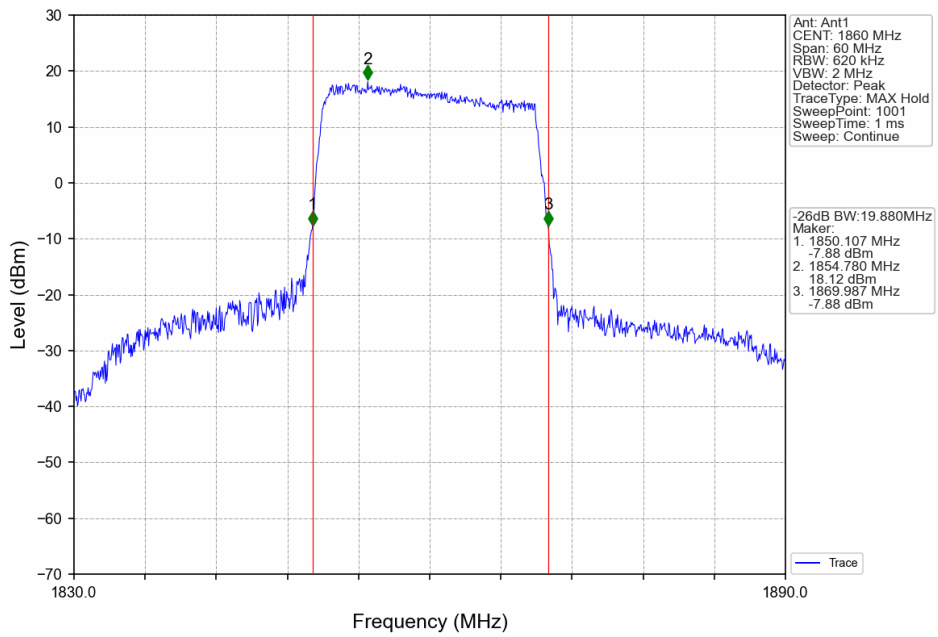
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



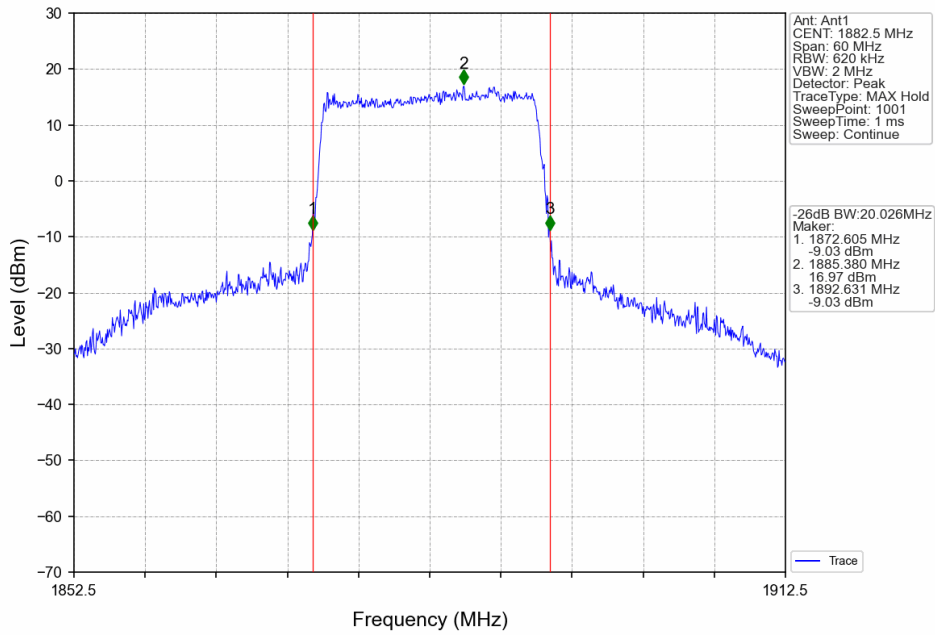
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

