

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	21.64	-3.31	18.33	<=33.01	Pass		
			2	21.76	-3.31	18.45	<=33.01	Pass		
			5	21.62	-3.31	18.31	<=33.01	Pass		
		3	0	21.63	-3.31	18.32	<=33.01	Pass		
			2	21.68	-3.31	18.37	<=33.01	Pass		
			3	21.63	-3.31	18.32	<=33.01	Pass		
		6	0	20.69	-3.31	17.38	<=33.01	Pass		
		1882.5	1	0	21.45	-3.31	18.14	<=33.01	Pass	
				2	21.55	-3.31	18.24	<=33.01	Pass	
	5			21.46	-3.31	18.15	<=33.01	Pass		
	3		0	21.49	-3.31	18.18	<=33.01	Pass		
			2	21.55	-3.31	18.24	<=33.01	Pass		
			3	21.52	-3.31	18.21	<=33.01	Pass		
	6		0	20.56	-3.31	17.25	<=33.01	Pass		
	1914.3		1	0	21.47	-3.31	18.16	<=33.01	Pass	
				2	21.54	-3.31	18.23	<=33.01	Pass	
		5		21.45	-3.31	18.14	<=33.01	Pass		
		3	0	21.53	-3.31	18.22	<=33.01	Pass		
			2	21.54	-3.31	18.23	<=33.01	Pass		
			3	21.50	-3.31	18.19	<=33.01	Pass		
		6	0	20.61	-3.31	17.3	<=33.01	Pass		
		16QAM	1850.7	1	0	20.59	-3.31	17.28	<=33.01	Pass
					2	20.66	-3.31	17.35	<=33.01	Pass
	5				20.58	-3.31	17.27	<=33.01	Pass	
3	0			20.64	-3.31	17.33	<=33.01	Pass		
	2			20.66	-3.31	17.35	<=33.01	Pass		
	3			20.59	-3.31	17.28	<=33.01	Pass		
6	0			19.57	-3.31	16.26	<=33.01	Pass		
1882.5	1			0	20.57	-3.31	17.26	<=33.01	Pass	
				2	20.68	-3.31	17.37	<=33.01	Pass	
			5	20.58	-3.31	17.27	<=33.01	Pass		
	3		0	20.36	-3.31	17.05	<=33.01	Pass		
			2	20.46	-3.31	17.15	<=33.01	Pass		
			3	20.46	-3.31	17.15	<=33.01	Pass		
	6		0	19.53	-3.31	16.22	<=33.01	Pass		
	1914.3		1	0	20.45	-3.31	17.14	<=33.01	Pass	
				2	20.51	-3.31	17.2	<=33.01	Pass	
5				20.42	-3.31	17.11	<=33.01	Pass		
3			0	20.64	-3.31	17.33	<=33.01	Pass		
			2	20.64	-3.31	17.33	<=33.01	Pass		
			3	20.65	-3.31	17.34	<=33.01	Pass		
6			0	19.55	-3.31	16.24	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	21.64	-3.31	18.33	<=33.01	Pass		
			7	21.73	-3.31	18.42	<=33.01	Pass		
			14	21.59	-3.31	18.28	<=33.01	Pass		
		8	0	20.65	-3.31	17.34	<=33.01	Pass		
			4	20.64	-3.31	17.33	<=33.01	Pass		
			7	20.61	-3.31	17.3	<=33.01	Pass		
		15	0	20.57	-3.31	17.26	<=33.01	Pass		
		1882.5	1	0	21.52	-3.31	18.21	<=33.01	Pass	
				7	21.63	-3.31	18.32	<=33.01	Pass	
	14			21.51	-3.31	18.2	<=33.01	Pass		
	8		0	20.53	-3.31	17.22	<=33.01	Pass		
			4	20.57	-3.31	17.26	<=33.01	Pass		
			7	20.51	-3.31	17.2	<=33.01	Pass		
	15		0	20.50	-3.31	17.19	<=33.01	Pass		
	1913.5		1	0	21.60	-3.31	18.29	<=33.01	Pass	
				7	21.72	-3.31	18.41	<=33.01	Pass	
		14		21.61	-3.31	18.3	<=33.01	Pass		
		8	0	20.59	-3.31	17.28	<=33.01	Pass		
			4	20.63	-3.31	17.32	<=33.01	Pass		
			7	20.60	-3.31	17.29	<=33.01	Pass		
		15	0	20.54	-3.31	17.23	<=33.01	Pass		
		16QAM	1851.5	1	0	20.74	-3.31	17.43	<=33.01	Pass
					7	20.84	-3.31	17.53	<=33.01	Pass
	14				20.72	-3.31	17.41	<=33.01	Pass	
8	0			19.58	-3.31	16.27	<=33.01	Pass		
	4			19.59	-3.31	16.28	<=33.01	Pass		
	7			19.56	-3.31	16.25	<=33.01	Pass		
15	0			19.52	-3.31	16.21	<=33.01	Pass		
1882.5	1			0	20.94	-3.31	17.63	<=33.01	Pass	
				7	21.08	-3.31	17.77	<=33.01	Pass	
			14	20.95	-3.31	17.64	<=33.01	Pass		
	8		0	19.63	-3.31	16.32	<=33.01	Pass		
			4	19.66	-3.31	16.35	<=33.01	Pass		
			7	19.63	-3.31	16.32	<=33.01	Pass		
	15		0	19.50	-3.31	16.19	<=33.01	Pass		
	1913.5		1	0	20.57	-3.31	17.26	<=33.01	Pass	
				7	20.67	-3.31	17.36	<=33.01	Pass	
14				20.30	-3.31	16.99	<=33.01	Pass		
8			0	19.58	-3.31	16.27	<=33.01	Pass		
			4	19.65	-3.31	16.34	<=33.01	Pass		
			7	19.59	-3.31	16.28	<=33.01	Pass		
15			0	19.57	-3.31	16.26	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / 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	21.58	-3.31	18.27	<=33.01	Pass		
			13	21.66	-3.31	18.35	<=33.01	Pass		
			24	21.49	-3.31	18.18	<=33.01	Pass		
		12	0	20.54	-3.31	17.23	<=33.01	Pass		
			6	20.58	-3.31	17.27	<=33.01	Pass		
			13	20.48	-3.31	17.17	<=33.01	Pass		
		25	0	20.53	-3.31	17.22	<=33.01	Pass		
		1882.5	1	0	21.44	-3.31	18.13	<=33.01	Pass	
				13	21.53	-3.31	18.22	<=33.01	Pass	
	24			21.44	-3.31	18.13	<=33.01	Pass		
	12		0	20.50	-3.31	17.19	<=33.01	Pass		
			6	20.52	-3.31	17.21	<=33.01	Pass		
			13	20.48	-3.31	17.17	<=33.01	Pass		
	25		0	20.48	-3.31	17.17	<=33.01	Pass		
	1912.5		1	0	21.49	-3.31	18.18	<=33.01	Pass	
				13	21.58	-3.31	18.27	<=33.01	Pass	
		24		21.46	-3.31	18.15	<=33.01	Pass		
		12	0	20.52	-3.31	17.21	<=33.01	Pass		
			6	20.61	-3.31	17.3	<=33.01	Pass		
			13	20.46	-3.31	17.15	<=33.01	Pass		
		25	0	20.42	-3.31	17.11	<=33.01	Pass		
		16QAM	1852.5	1	0	20.60	-3.31	17.29	<=33.01	Pass
					13	20.70	-3.31	17.39	<=33.01	Pass
	24				20.56	-3.31	17.25	<=33.01	Pass	
12	0			19.48	-3.31	16.17	<=33.01	Pass		
	6			19.51	-3.31	16.2	<=33.01	Pass		
	13			19.44	-3.31	16.13	<=33.01	Pass		
25	0			19.52	-3.31	16.21	<=33.01	Pass		
1882.5	1			0	20.61	-3.31	17.3	<=33.01	Pass	
				13	20.85	-3.31	17.54	<=33.01	Pass	
			24	20.69	-3.31	17.38	<=33.01	Pass		
	12		0	19.46	-3.31	16.15	<=33.01	Pass		
			6	19.52	-3.31	16.21	<=33.01	Pass		
			13	19.47	-3.31	16.16	<=33.01	Pass		
	25		0	19.46	-3.31	16.15	<=33.01	Pass		
	1912.5		1	0	20.18	-3.31	16.87	<=33.01	Pass	
				13	20.08	-3.31	16.77	<=33.01	Pass	
24				19.89	-3.31	16.58	<=33.01	Pass		
12			0	19.16	-3.31	15.85	<=33.01	Pass		
			6	19.56	-3.31	16.25	<=33.01	Pass		
			13	19.41	-3.31	16.1	<=33.01	Pass		
25			0	19.48	-3.31	16.17	<=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	21.63	-3.31	18.32	<=33.01	Pass

		25	25	21.74	-3.31	18.43	<=33.01	Pass		
			49	21.56	-3.31	18.25	<=33.01	Pass		
			0	20.55	-3.31	17.24	<=33.01	Pass		
			13	20.56	-3.31	17.25	<=33.01	Pass		
			25	20.55	-3.31	17.24	<=33.01	Pass		
		50	0	20.51	-3.31	17.2	<=33.01	Pass		
		1882.5	1	0	21.47	-3.31	18.16	<=33.01	Pass	
				25	21.67	-3.31	18.36	<=33.01	Pass	
				49	21.51	-3.31	18.2	<=33.01	Pass	
			25	0	20.53	-3.31	17.22	<=33.01	Pass	
	13			20.53	-3.31	17.22	<=33.01	Pass		
	25			20.51	-3.31	17.2	<=33.01	Pass		
	50		0	20.50	-3.31	17.19	<=33.01	Pass		
	1910		1	0	21.54	-3.31	18.23	<=33.01	Pass	
				25	21.68	-3.31	18.37	<=33.01	Pass	
		49		21.51	-3.31	18.2	<=33.01	Pass		
		25	0	20.57	-3.31	17.26	<=33.01	Pass		
			13	20.58	-3.31	17.27	<=33.01	Pass		
			25	20.49	-3.31	17.18	<=33.01	Pass		
		50	0	20.56	-3.31	17.25	<=33.01	Pass		
		16QAM	1855	1	0	20.60	-3.31	17.29	<=33.01	Pass
					25	20.70	-3.31	17.39	<=33.01	Pass
	49				20.51	-3.31	17.2	<=33.01	Pass	
	25			0	19.61	-3.31	16.3	<=33.01	Pass	
13				19.58	-3.31	16.27	<=33.01	Pass		
25				19.61	-3.31	16.3	<=33.01	Pass		
50	0			19.52	-3.31	16.21	<=33.01	Pass		
1882.5	1			0	20.57	-3.31	17.26	<=33.01	Pass	
				25	20.79	-3.31	17.48	<=33.01	Pass	
				49	20.68	-3.31	17.37	<=33.01	Pass	
	25		0	19.53	-3.31	16.22	<=33.01	Pass		
			13	19.56	-3.31	16.25	<=33.01	Pass		
			25	19.50	-3.31	16.19	<=33.01	Pass		
	50		0	19.48	-3.31	16.17	<=33.01	Pass		
	1910		1	0	21.02	-3.31	17.71	<=33.01	Pass	
				25	21.17	-3.31	17.86	<=33.01	Pass	
49				20.83	-3.31	17.52	<=33.01	Pass		
25			0	19.56	-3.31	16.25	<=33.01	Pass		
			13	19.57	-3.31	16.26	<=33.01	Pass		
			25	19.53	-3.31	16.22	<=33.01	Pass		
50			0	19.56	-3.31	16.25	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.5 B25_15MHz_EIRP

1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	21.58	-3.31	18.27	<=33.01	Pass
			38	21.57	-3.31	18.26	<=33.01	Pass
			74	21.40	-3.31	18.09	<=33.01	Pass
		36	0	20.63	-3.31	17.32	<=33.01	Pass
			18	20.61	-3.31	17.3	<=33.01	Pass

16QAM	1882.5	75	39	20.61	-3.31	17.3	<=33.01	Pass	
			75	0	20.60	-3.31	17.29	<=33.01	Pass
			1	0	21.37	-3.31	18.06	<=33.01	Pass
		38		21.51	-3.31	18.2	<=33.01	Pass	
		74		21.44	-3.31	18.13	<=33.01	Pass	
		36	0	20.63	-3.31	17.32	<=33.01	Pass	
			18	20.61	-3.31	17.3	<=33.01	Pass	
			39	20.61	-3.31	17.3	<=33.01	Pass	
		75	0	20.60	-3.31	17.29	<=33.01	Pass	
			1	0	21.48	-3.31	18.17	<=33.01	Pass
				38	21.56	-3.31	18.25	<=33.01	Pass
		74		21.43	-3.31	18.12	<=33.01	Pass	
	36	0	20.67	-3.31	17.36	<=33.01	Pass		
		18	20.69	-3.31	17.38	<=33.01	Pass		
		39	20.61	-3.31	17.3	<=33.01	Pass		
	75	0	20.66	-3.31	17.35	<=33.01	Pass		
		1	0	20.80	-3.31	17.49	<=33.01	Pass	
			38	20.79	-3.31	17.48	<=33.01	Pass	
	74		20.71	-3.31	17.4	<=33.01	Pass		
	36	0	19.55	-3.31	16.24	<=33.01	Pass		
		18	19.54	-3.31	16.23	<=33.01	Pass		
		39	19.54	-3.31	16.23	<=33.01	Pass		
	75	0	19.52	-3.31	16.21	<=33.01	Pass		
		1	0	20.51	-3.31	17.2	<=33.01	Pass	
38			20.66	-3.31	17.35	<=33.01	Pass		
74	20.62		-3.31	17.31	<=33.01	Pass			
36	0	19.54	-3.31	16.23	<=33.01	Pass			
	18	19.53	-3.31	16.22	<=33.01	Pass			
	39	19.53	-3.31	16.22	<=33.01	Pass			
75	0	19.56	-3.31	16.25	<=33.01	Pass			
	1	0	20.99	-3.31	17.68	<=33.01	Pass		
		38	21.05	-3.31	17.74	<=33.01	Pass		
74		20.89	-3.31	17.58	<=33.01	Pass			
36	0	19.66	-3.31	16.35	<=33.01	Pass			
	18	19.63	-3.31	16.32	<=33.01	Pass			
	39	19.56	-3.31	16.25	<=33.01	Pass			
75	0	19.62	-3.31	16.31	<=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	21.36	-3.31	18.05	<=33.01	Pass
			50	21.66	-3.31	18.35	<=33.01	Pass
			99	21.19	-3.31	17.88	<=33.01	Pass
		50	0	20.46	-3.31	17.15	<=33.01	Pass
			25	20.49	-3.31	17.18	<=33.01	Pass
			50	20.55	-3.31	17.24	<=33.01	Pass
	100	0	20.52	-3.31	17.21	<=33.01	Pass	
		1	0	21.19	-3.31	17.88	<=33.01	Pass
			50	21.66	-3.31	18.35	<=33.01	Pass

		50	99	21.35	-3.31	18.04	<=33.01	Pass	
			0	20.63	-3.31	17.32	<=33.01	Pass	
			25	20.52	-3.31	17.21	<=33.01	Pass	
		50	20.50	-3.31	17.19	<=33.01	Pass		
		100	0	20.58	-3.31	17.27	<=33.01	Pass	
		0	21.32	-3.31	18.01	<=33.01	Pass		
	1905	1	0	21.72	-3.31	18.41	<=33.01	Pass	
			99	21.26	-3.31	17.95	<=33.01	Pass	
			0	20.60	-3.31	17.29	<=33.01	Pass	
		50	25	20.60	-3.31	17.29	<=33.01	Pass	
			50	20.51	-3.31	17.2	<=33.01	Pass	
			100	0	20.57	-3.31	17.26	<=33.01	Pass
	16QAM	1860	1	0	20.77	-3.31	17.46	<=33.01	Pass
				50	21.10	-3.31	17.79	<=33.01	Pass
				99	20.67	-3.31	17.36	<=33.01	Pass
			50	0	19.41	-3.31	16.1	<=33.01	Pass
				25	19.46	-3.31	16.15	<=33.01	Pass
				50	19.50	-3.31	16.19	<=33.01	Pass
100		0	19.53	-3.31	16.22	<=33.01	Pass		
1882.5		1	0	20.31	-3.31	17	<=33.01	Pass	
			50	20.80	-3.31	17.49	<=33.01	Pass	
			99	20.54	-3.31	17.23	<=33.01	Pass	
		50	0	19.58	-3.31	16.27	<=33.01	Pass	
			25	19.48	-3.31	16.17	<=33.01	Pass	
			50	19.47	-3.31	16.16	<=33.01	Pass	
100		0	19.56	-3.31	16.25	<=33.01	Pass		
1905		1	0	20.57	-3.31	17.26	<=33.01	Pass	
			50	20.97	-3.31	17.66	<=33.01	Pass	
			99	20.53	-3.31	17.22	<=33.01	Pass	
		50	0	19.59	-3.31	16.28	<=33.01	Pass	
	25		19.55	-3.31	16.24	<=33.01	Pass		
	50		19.45	-3.31	16.14	<=33.01	Pass		
100	0	19.55	-3.31	16.24	<=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	-6.495	-0.0035	-2.5 to 2.5	Pass	
					3.85	1.101	0.0006	-2.5 to 2.5	Pass	
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass	
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass	
					-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
						-10	3.85	1.903	0.0010	-2.5 to 2.5
					0	3.85	7.210	0.0039	-2.5 to 2.5	Pass
					10	3.85	7.668	0.0041	-2.5 to 2.5	Pass
					30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
					40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass

	1882.5	6	0	50	3.85	7.010	0.0038	-2.5 to 2.5	Pass
				20	3.27	7.911	0.0042	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
	30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass			
	40	3.85	3.219	0.0017	-2.5 to 2.5	Pass			
	50	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	6.838	0.0036	-2.5 to 2.5	Pass
					3.85	6.924	0.0036	-2.5 to 2.5	Pass
					4.43	3.290	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
0				3.85	8.769	0.0046	-2.5 to 2.5	Pass	
10				3.85	7.682	0.0040	-2.5 to 2.5	Pass	
30				3.85	7.710	0.0040	-2.5 to 2.5	Pass	
40	3.85	8.154	0.0043	-2.5 to 2.5	Pass				
50	3.85	7.582	0.0040	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	5.393	0.0029	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
	40	3.85	7.882	0.0043	-2.5 to 2.5	Pass			
	50	3.85	4.020	0.0022	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	4.706	0.0025	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
10				3.85	5.207	0.0028	-2.5 to 2.5	Pass	
30				3.85	-3.233	-0.0017	-2.5 to 2.5	Pass	
40	3.85	3.719	0.0020	-2.5 to 2.5	Pass				
50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass				
1914.3	6	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass	
				3.85	9.227	0.0048	-2.5 to 2.5	Pass	
				4.43	3.147	0.0016	-2.5 to 2.5	Pass	
			-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass	
			-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass	
			-10	3.85	5.021	0.0026	-2.5 to 2.5	Pass	
			0	3.85	5.522	0.0029	-2.5 to 2.5	Pass	
			10	3.85	6.480	0.0034	-2.5 to 2.5	Pass	
			30	3.85	2.661	0.0014	-2.5 to 2.5	Pass	
40	3.85	2.532	0.0013	-2.5 to 2.5	Pass				
50	3.85	2.847	0.0015	-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	6.852	0.0037	-2.5 to 2.5	Pass
					3.85	4.478	0.0024	-2.5 to 2.5	Pass
					4.43	6.967	0.0038	-2.5 to 2.5	Pass
				-30	3.85	6.795	0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.626	0.0047	-2.5 to 2.5	Pass
				0	3.85	8.125	0.0044	-2.5 to 2.5	Pass
				10	3.85	10.457	0.0056	-2.5 to 2.5	Pass
				30	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass
	50	3.85	7.553	0.0041	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	9.227	0.0049	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	5.965	0.0032	-2.5 to 2.5	Pass
				-30	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				10	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
	50	3.85	2.618	0.0014	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	5.450	0.0028	-2.5 to 2.5	Pass
					3.85	3.805	0.0020	-2.5 to 2.5	Pass
					4.43	6.909	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0046	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				10	3.85	6.924	0.0036	-2.5 to 2.5	Pass
30				3.85	4.120	0.0022	-2.5 to 2.5	Pass	
40				3.85	7.167	0.0037	-2.5 to 2.5	Pass	
50	3.85	3.233	0.0017	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	6.752	0.0036	-2.5 to 2.5	Pass
					3.85	6.781	0.0037	-2.5 to 2.5	Pass
					4.43	11.001	0.0059	-2.5 to 2.5	Pass
				-30	3.85	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.397	0.0045	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				0	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				30	3.85	13.475	0.0073	-2.5 to 2.5	Pass
				40	3.85	4.706	0.0025	-2.5 to 2.5	Pass
	50	3.85	6.022	0.0033	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	3.891	0.0021	-2.5 to 2.5	Pass
					3.85	4.292	0.0023	-2.5 to 2.5	Pass
					4.43	11.373	0.0060	-2.5 to 2.5	Pass
-30				3.85	5.422	0.0029	-2.5 to 2.5	Pass	
-20	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass				

				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	4.563	0.0024	-2.5 to 2.5	Pass
					3.85	2.060	0.0011	-2.5 to 2.5	Pass
					4.43	7.939	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				30	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-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	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	6.895	0.0037	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				1882.5	25	0	20	3.27	0.515
	3.85	-3.004	-0.0016					-2.5 to 2.5	Pass
	4.43	-2.604	-0.0014					-2.5 to 2.5	Pass
	-30	3.85	-3.347				-0.0018	-2.5 to 2.5	Pass
	-20	3.85	-1.330				-0.0007	-2.5 to 2.5	Pass
	-10	3.85	2.718				0.0014	-2.5 to 2.5	Pass
	0	3.85	1.574				0.0008	-2.5 to 2.5	Pass
	10	3.85	0.486				0.0003	-2.5 to 2.5	Pass
	30	3.85	-3.476				-0.0018	-2.5 to 2.5	Pass
	40	3.85	-4.363				-0.0023	-2.5 to 2.5	Pass
	50	3.85	-0.529				-0.0003	-2.5 to 2.5	Pass
	1912.5	25	0				20	3.27	2.689
				3.85	8.111	0.0042		-2.5 to 2.5	Pass
				4.43	0.072	0.0000		-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
-10				3.85	3.204	0.0017	-2.5 to 2.5	Pass	
0				3.85	2.418	0.0013	-2.5 to 2.5	Pass	
10				3.85	-0.787	-0.0004	-2.5 to 2.5	Pass	

				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass	
				40	3.85	3.905	0.0020	-2.5 to 2.5	Pass	
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass	
16QAM	1852.5	25	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass	
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass	
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass	
				-30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass	
				-20	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass	
				-10	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass	
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass	
				10	3.85	2.632	0.0014	-2.5 to 2.5	Pass	
				30	3.85	3.061	0.0017	-2.5 to 2.5	Pass	
				40	3.85	4.406	0.0024	-2.5 to 2.5	Pass	
	50	3.85	0.844	0.0005	-2.5 to 2.5	Pass				
	1882.5	25	0	0	20	3.27	-0.815	-0.0004	-2.5 to 2.5	Pass
						3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
						4.43	-2.246	-0.0012	-2.5 to 2.5	Pass
					-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
					-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
					-10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
					0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
					10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
					30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
					40	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
	50	3.85	0.114	0.0001	-2.5 to 2.5	Pass				
	1912.5	25	0	0	20	3.27	3.448	0.0018	-2.5 to 2.5	Pass
						3.85	2.317	0.0012	-2.5 to 2.5	Pass
						4.43	-0.973	-0.0005	-2.5 to 2.5	Pass
					-30	3.85	3.519	0.0018	-2.5 to 2.5	Pass
					-20	3.85	0.443	0.0002	-2.5 to 2.5	Pass
					-10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
					0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
					10	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
30					3.85	0.057	0.0000	-2.5 to 2.5	Pass	
40					3.85	1.159	0.0006	-2.5 to 2.5	Pass	
50	3.85	-2.332	-0.0012	-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	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass				

	1882.5	50	0	20	3.27	1.216	0.0006	-2.5 to 2.5	Pass										
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass										
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass										
								-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass						
									-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass					
									-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass					
												0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass		
													10	3.85	0.443	0.0002	-2.5 to 2.5	Pass	
													30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass	
													40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass	
														50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
														20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
				3.85	2.675	0.0014	-2.5 to 2.5						Pass						
				4.43	4.635	0.0024	-2.5 to 2.5						Pass						
					1910	50	0						-30	3.85	2.203	0.0012	-2.5 to 2.5	Pass	
								-20	3.85	3.834	0.0020			-2.5 to 2.5	Pass				
								-10	3.85	5.622	0.0029			-2.5 to 2.5	Pass				
													0	3.85	1.359	0.0007	-2.5 to 2.5	Pass	
10	3.85	2.503	0.0013									-2.5 to 2.5		Pass					
30	3.85	3.691	0.0019									-2.5 to 2.5		Pass					
												40	3.85	5.608	0.0029	-2.5 to 2.5	Pass		
													50	3.85	3.190	0.0017	-2.5 to 2.5	Pass	
													20	3.27	0.272	0.0001	-2.5 to 2.5	Pass	
				3.85	-1.745	-0.0009	-2.5 to 2.5					Pass							
				4.43	-0.744	-0.0004	-2.5 to 2.5					Pass							
				16QAM	1855	50	0					-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass		
								-20	3.85	-2.990	-0.0016		-2.5 to 2.5	Pass					
								-10	3.85	-3.419	-0.0018		-2.5 to 2.5	Pass					
												0	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass		
10	3.85	-0.615	-0.0003										-2.5 to 2.5	Pass					
30	3.85	1.373	0.0007										-2.5 to 2.5	Pass					
												40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass		
													50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass	
													20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass	
					3.85	-4.506	-0.0024					-2.5 to 2.5		Pass					
					4.43	-2.689	-0.0014					-2.5 to 2.5		Pass					
						1882.5	50					0	-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass	
								-20	3.85	-2.947	-0.0016			-2.5 to 2.5	Pass				
								-10	3.85	-2.360	-0.0013			-2.5 to 2.5	Pass				
													0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass	
10	3.85	-0.930	-0.0005											-2.5 to 2.5	Pass				
30	3.85	-1.531	-0.0008											-2.5 to 2.5	Pass				
													40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass	
				50										3.85	1.931	0.0010	-2.5 to 2.5	Pass	
				20										3.27	2.646	0.0014	-2.5 to 2.5	Pass	
					3.85	2.704	0.0014					-2.5 to 2.5	Pass						
					4.43	1.945	0.0010					-2.5 to 2.5	Pass						
					1910	50	0					-30	3.85	4.506	0.0024	-2.5 to 2.5	Pass		
								-20	3.85	1.559	0.0008		-2.5 to 2.5	Pass					
								-10	3.85	3.548	0.0019		-2.5 to 2.5	Pass					
												0	3.85	2.861	0.0015	-2.5 to 2.5	Pass		
10	3.85	3.963	0.0021										-2.5 to 2.5	Pass					
30	3.85	3.991	0.0021										-2.5 to 2.5	Pass					
												40	3.85	0.515	0.0003	-2.5 to 2.5	Pass		
													50	3.85	3.619	0.0019	-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	0.472	0.0003	-2.5 to 2.5	Pass	
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass	
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass	
					-20	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
						-10	3.85	-0.243	-0.0001	-2.5 to 2.5
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass	
					10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass	
	40	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass				
	50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass				
	1882.5	75	0	20	3.27	4.535	0.0024	-2.5 to 2.5	Pass	
					3.85	5.736	0.0030	-2.5 to 2.5	Pass	
					4.43	5.593	0.0030	-2.5 to 2.5	Pass	
				-30	3.85	5.608	0.0030	-2.5 to 2.5	Pass	
					-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
						-10	3.85	4.635	0.0025	-2.5 to 2.5
				0	3.85	3.376	0.0018	-2.5 to 2.5	Pass	
					10	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0024	-2.5 to 2.5	Pass	
	40	3.85	2.918	0.0016	-2.5 to 2.5	Pass				
	50	3.85	4.334	0.0023	-2.5 to 2.5	Pass				
	1907.5	75	0	20	3.27	3.648	0.0019	-2.5 to 2.5	Pass	
					3.85	3.347	0.0018	-2.5 to 2.5	Pass	
					4.43	3.676	0.0019	-2.5 to 2.5	Pass	
				-30	3.85	1.659	0.0009	-2.5 to 2.5	Pass	
					-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
-10						3.85	4.134	0.0022	-2.5 to 2.5	Pass
0				3.85	2.732	0.0014	-2.5 to 2.5	Pass		
				10	3.85	2.847	0.0015	-2.5 to 2.5	Pass	
30				3.85	3.748	0.0020	-2.5 to 2.5	Pass		
40	3.85	2.732	0.0014	-2.5 to 2.5	Pass					
50	3.85	1.316	0.0007	-2.5 to 2.5	Pass					
16QAM	1857.5	75	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass	
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass	
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass	
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
						-10	3.85	-2.761	-0.0015	-2.5 to 2.5
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass	
					10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass	
	40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass				
	50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass				
	1882.5	75	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass	
					3.85	5.407	0.0029	-2.5 to 2.5	Pass	
					4.43	3.405	0.0018	-2.5 to 2.5	Pass	
				-30	3.85	4.392	0.0023	-2.5 to 2.5	Pass	
					-20	3.85	2.217	0.0012	-2.5 to 2.5	Pass

				-10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				50	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	2.375	0.0012	-2.5 to 2.5	Pass
					3.85	2.346	0.0012	-2.5 to 2.5	Pass
					4.43	1.860	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.189	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0015	-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	1.702	0.0009	-2.5 to 2.5	Pass			
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass			
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass			
				-30	3.85	1.516	0.0008	-2.5 to 2.5	Pass			
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass			
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass			
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass			
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass			
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass			
				40	3.85	2.289	0.0012	-2.5 to 2.5	Pass			
				50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass			
				1882.5	100	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
								3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
								4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
							-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
	-20	3.85	0.472				0.0003	-2.5 to 2.5	Pass			
	-10	3.85	0.215				0.0001	-2.5 to 2.5	Pass			
	0	3.85	0.300				0.0002	-2.5 to 2.5	Pass			
	10	3.85	-2.146				-0.0011	-2.5 to 2.5	Pass			
	30	3.85	-2.189				-0.0012	-2.5 to 2.5	Pass			
	40	3.85	-0.615				-0.0003	-2.5 to 2.5	Pass			
	50	3.85	-1.860				-0.0010	-2.5 to 2.5	Pass			
	1905	100	0				20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
								3.85	3.090	0.0016	-2.5 to 2.5	Pass
								4.43	1.445	0.0008	-2.5 to 2.5	Pass
							-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass			
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass			
				0	3.85	2.747	0.0014	-2.5 to 2.5	Pass			
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass			

				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.629	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
	50	3.85	2.203	0.0012	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-0.658	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	2.589	0.0014	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
30				3.85	2.789	0.0015	-2.5 to 2.5	Pass	
40				3.85	3.190	0.0017	-2.5 to 2.5	Pass	
50	3.85	2.918	0.0015	-2.5 to 2.5	Pass				

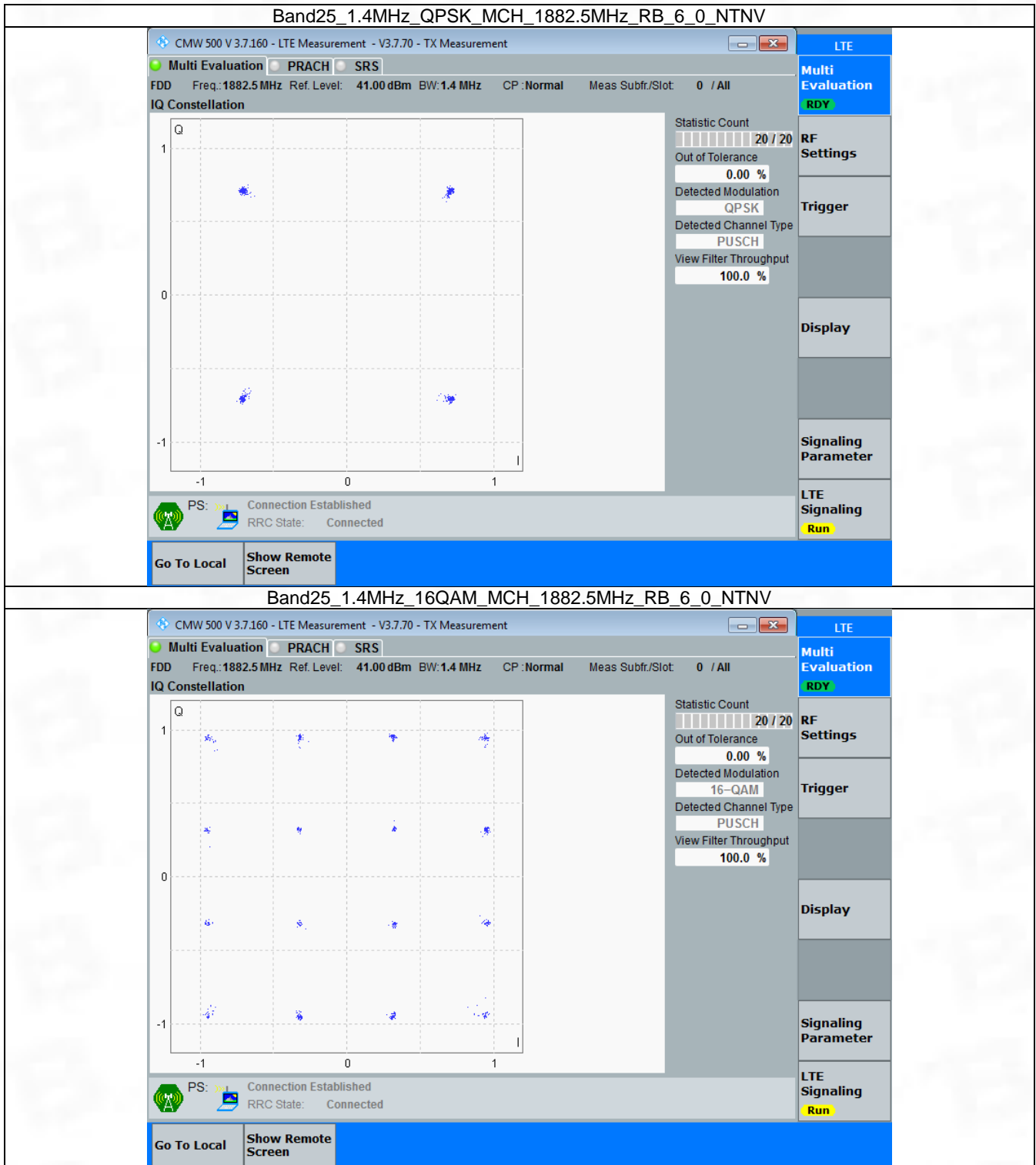
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV						
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

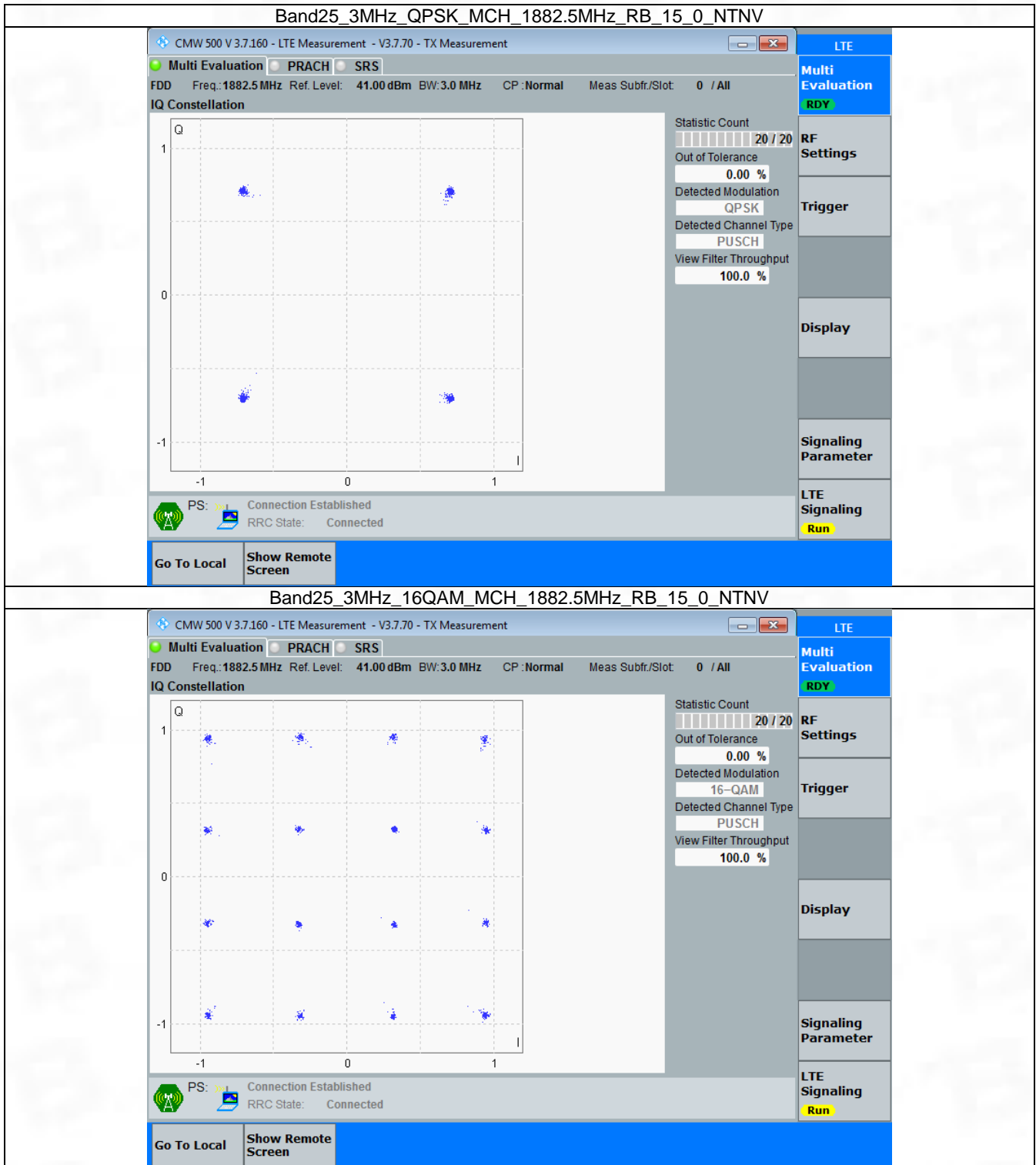


3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
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

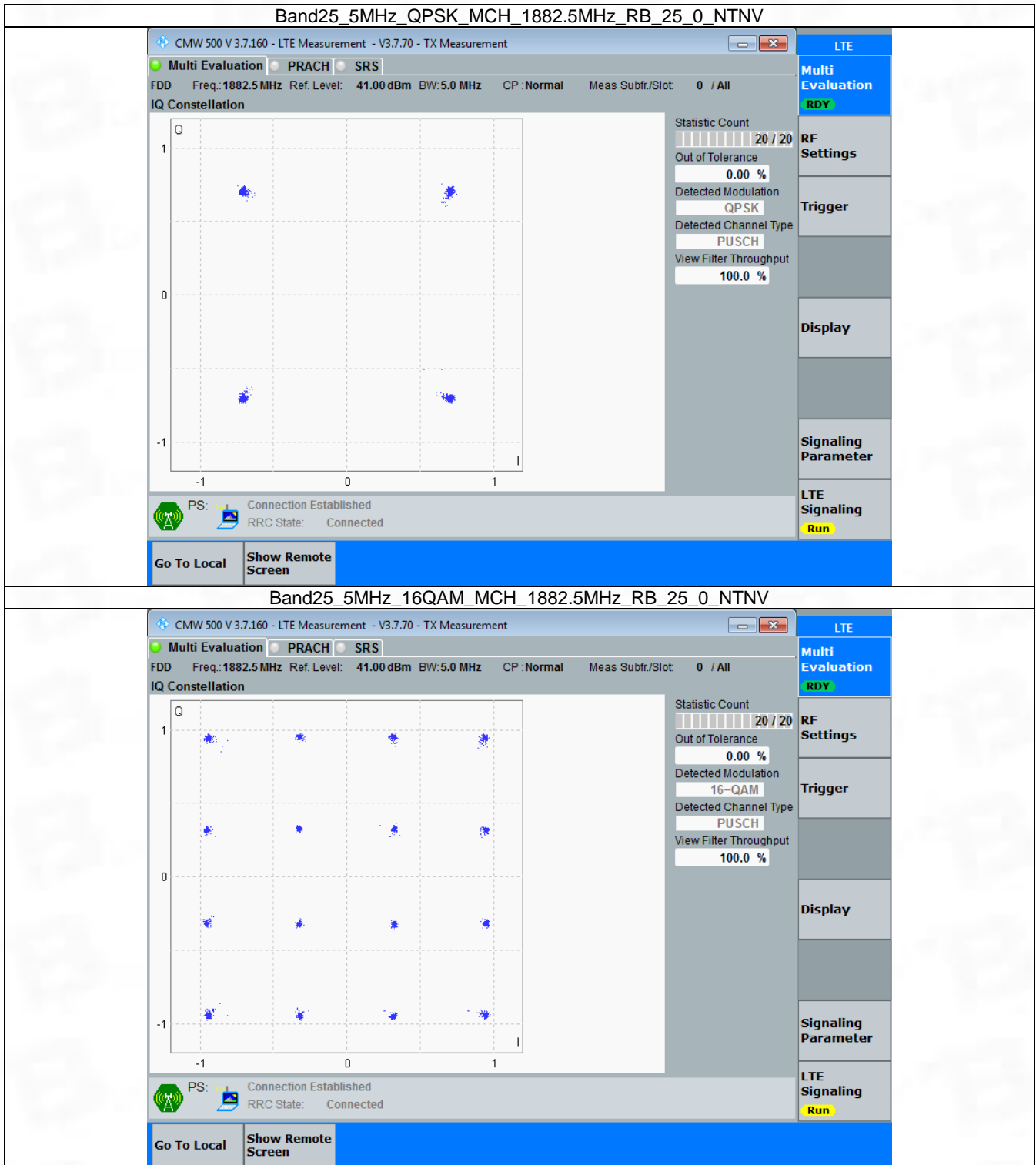


3.3 B25_5MHz

3.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
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

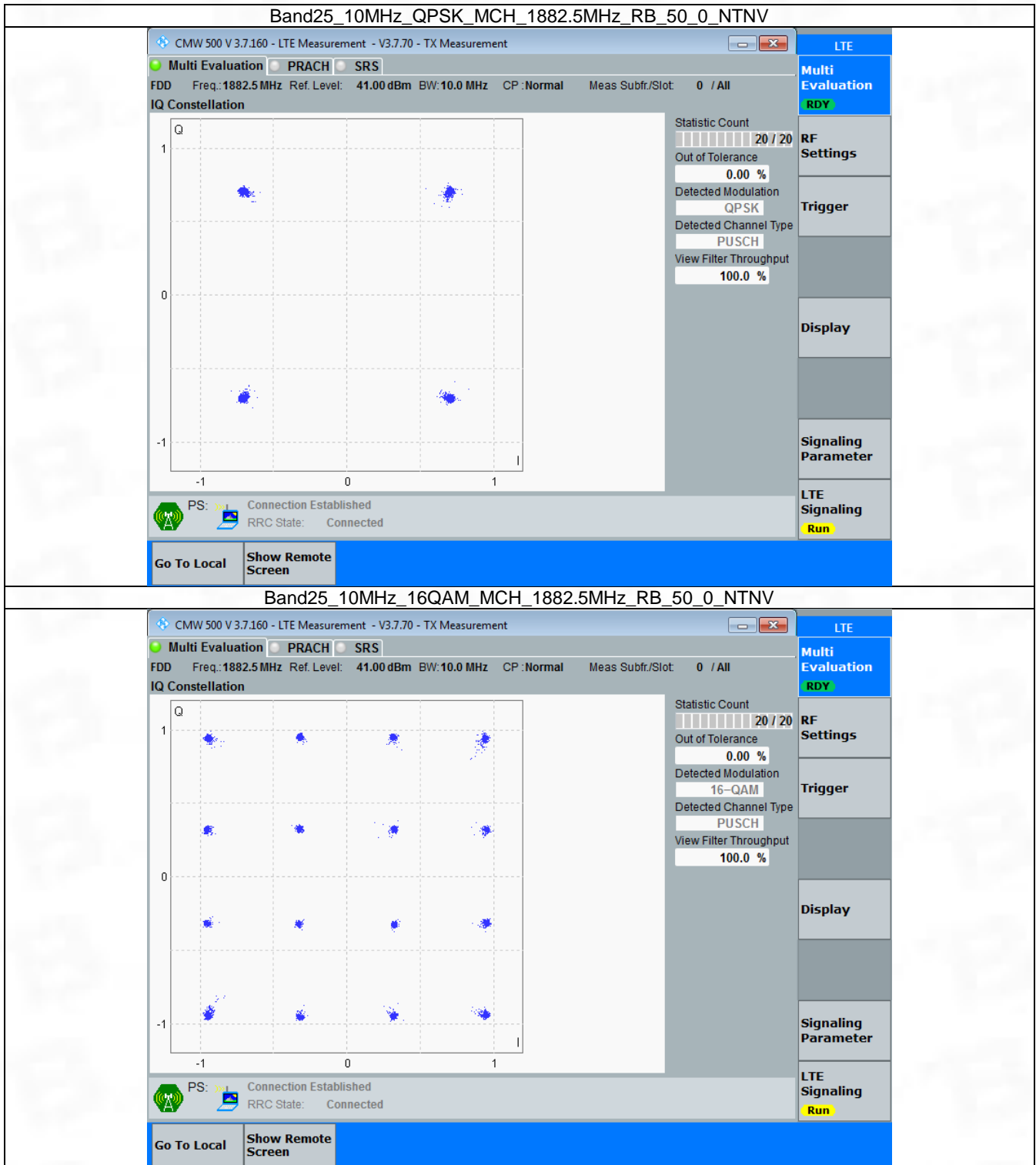


3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
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

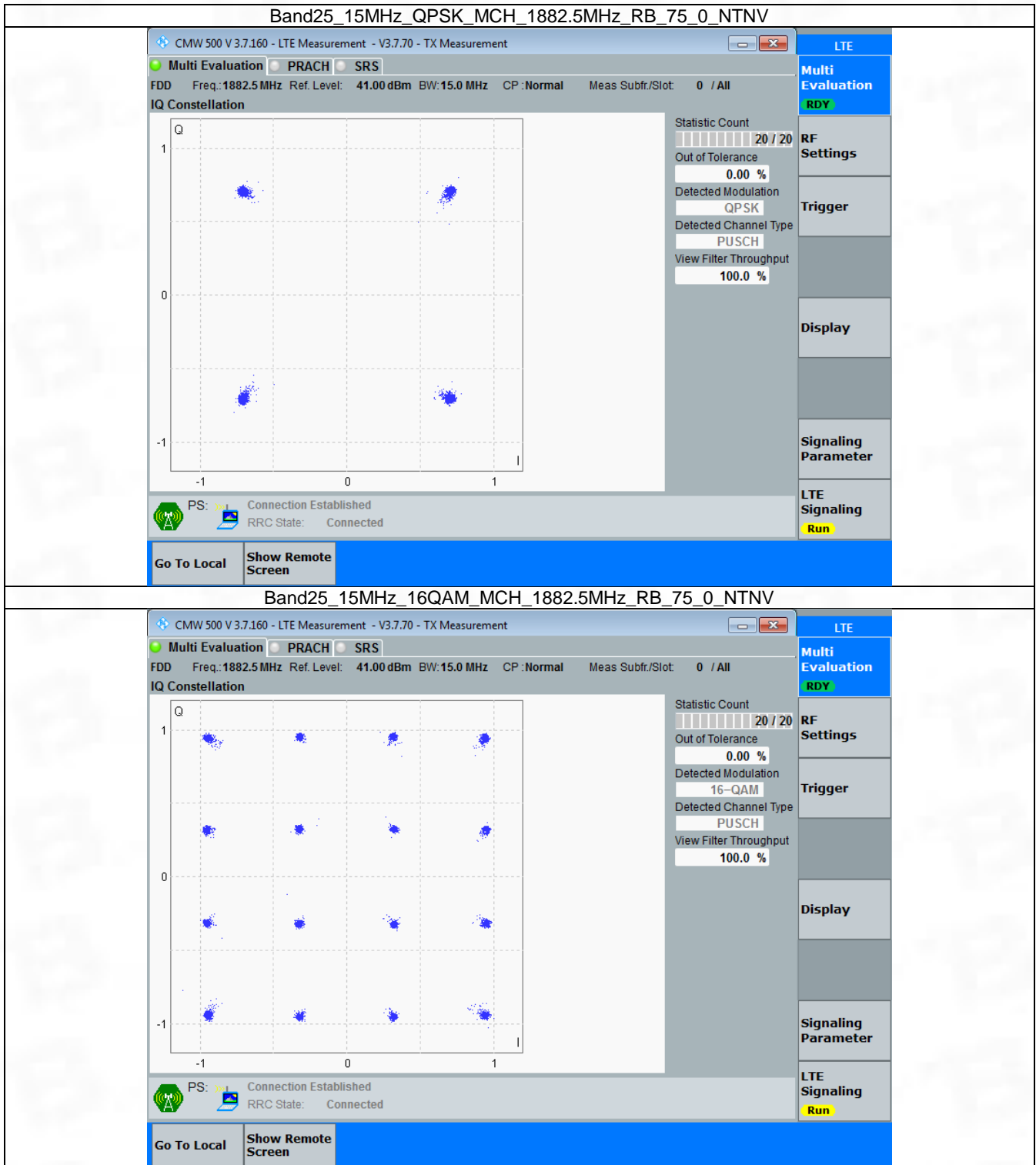


3.5 B25_15MHz

3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
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

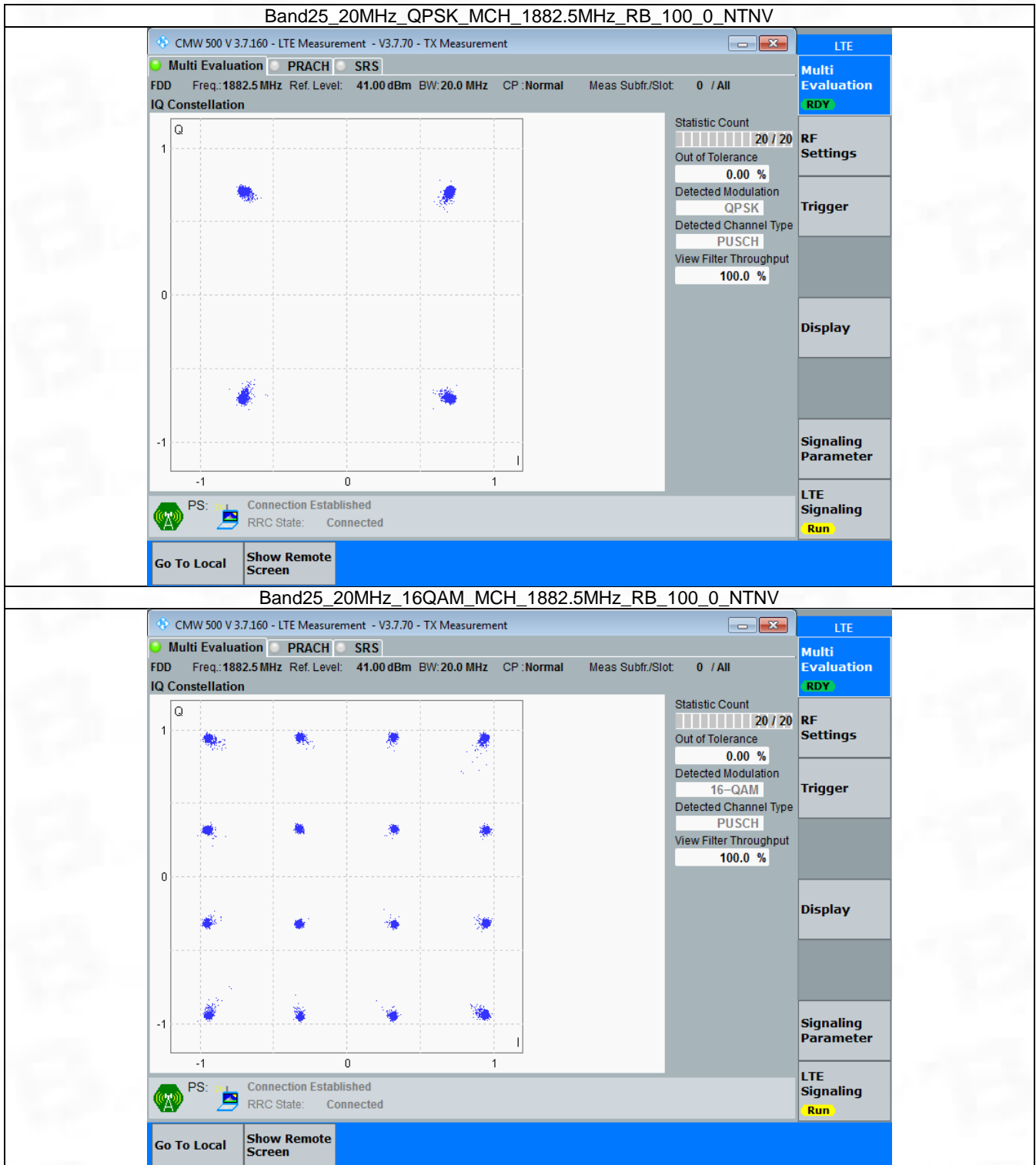


3.6 B25_20MHz

3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
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

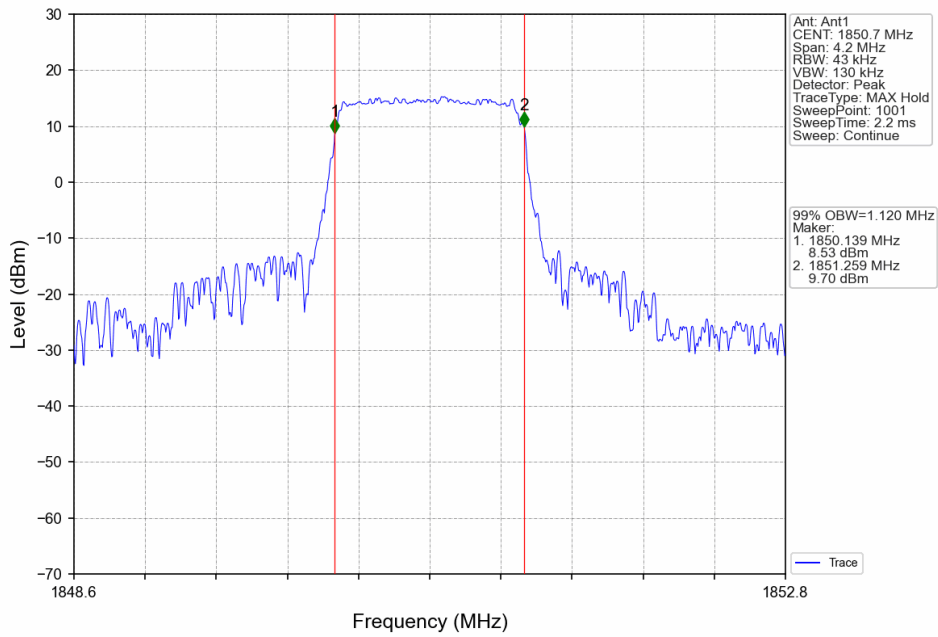
4.1 Band25_OBW

4.1.1 Test Result

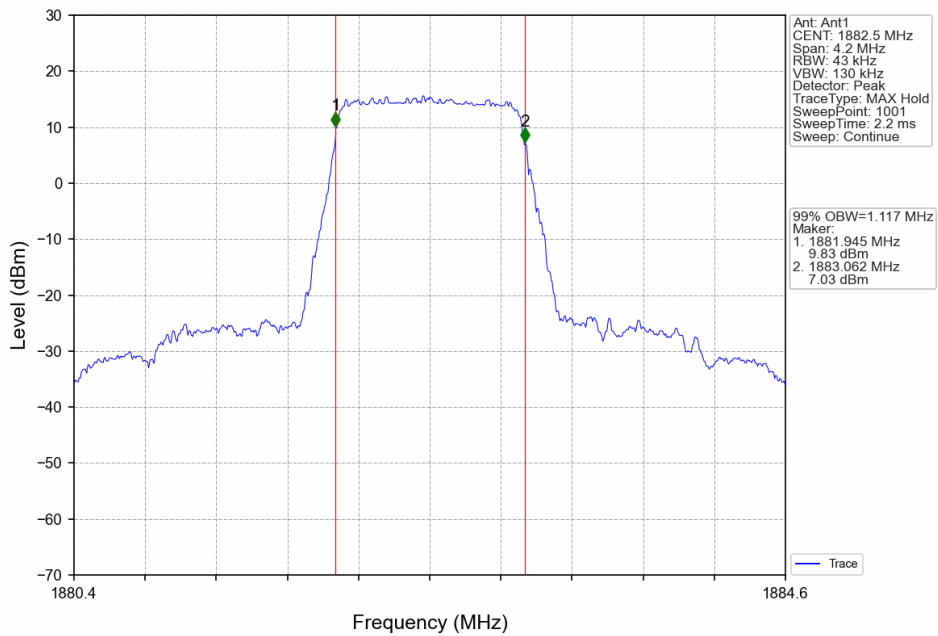
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.120	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.117	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1882.5	6	0	1.102	Pass
		1914.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.723	Pass
		1882.5	15	0	2.728	Pass
		1913.5	15	0	2.732	Pass
	16QAM	1851.5	15	0	2.718	Pass
		1882.5	15	0	2.723	Pass
		1913.5	15	0	2.732	Pass
5	QPSK	1852.5	25	0	4.563	Pass
		1882.5	25	0	4.569	Pass
		1912.5	25	0	4.581	Pass
	16QAM	1852.5	25	0	4.574	Pass
		1882.5	25	0	4.591	Pass
		1912.5	25	0	4.582	Pass
10	QPSK	1855	50	0	9.103	Pass
		1882.5	50	0	9.073	Pass
		1910	50	0	9.123	Pass
	16QAM	1855	50	0	9.091	Pass
		1882.5	50	0	9.076	Pass
		1910	50	0	9.083	Pass
15	QPSK	1857.5	75	0	13.667	Pass
		1882.5	75	0	13.602	Pass
		1907.5	75	0	13.648	Pass
	16QAM	1857.5	75	0	13.688	Pass
		1882.5	75	0	13.606	Pass
		1907.5	75	0	13.709	Pass
20	QPSK	1860	100	0	18.296	Pass
		1882.5	100	0	18.233	Pass
		1905	100	0	18.102	Pass
	16QAM	1860	100	0	18.253	Pass
		1882.5	100	0	18.187	Pass
		1905	100	0	18.204	Pass

4.1.2 Test Graph

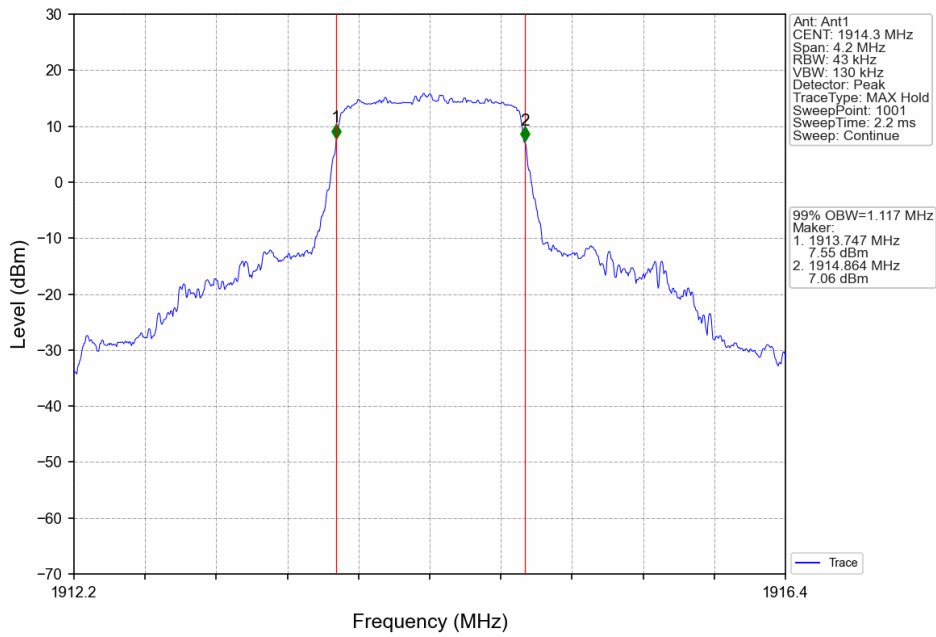
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV
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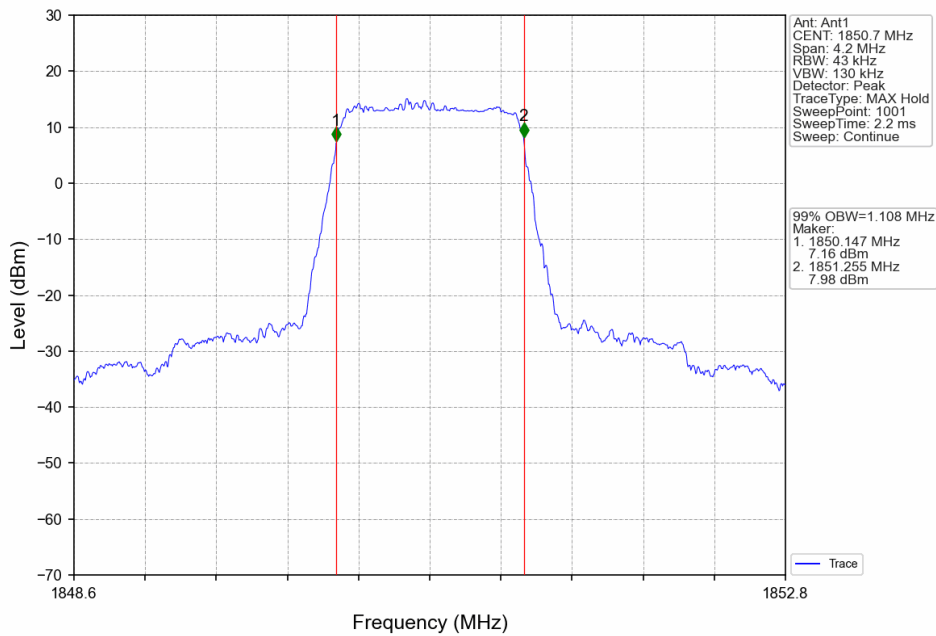
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



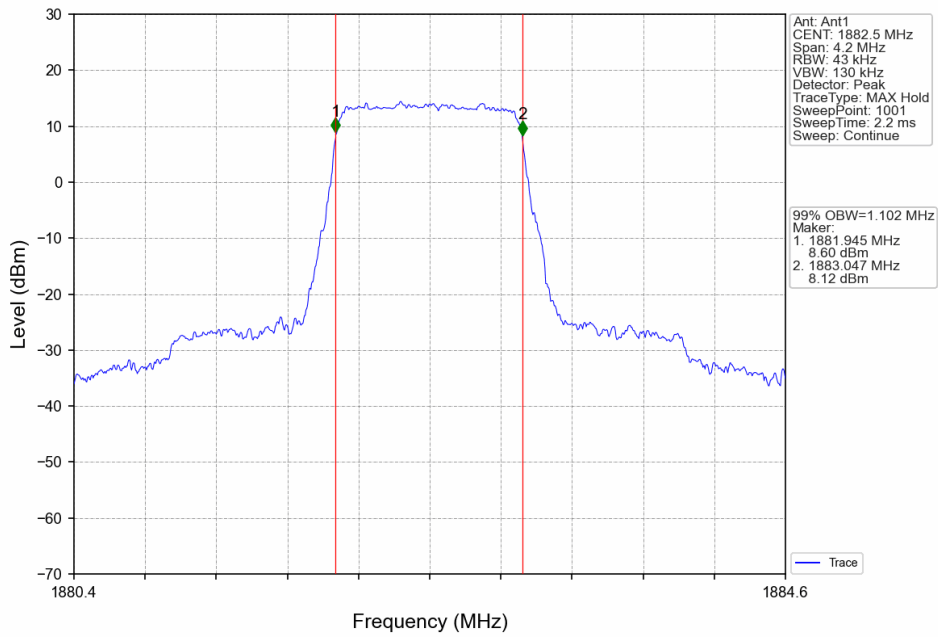
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



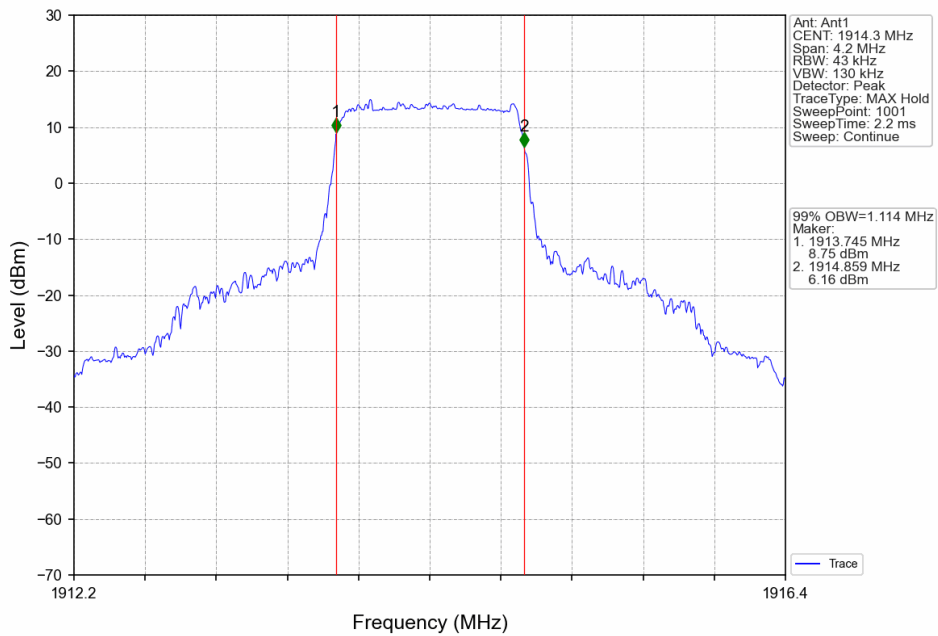
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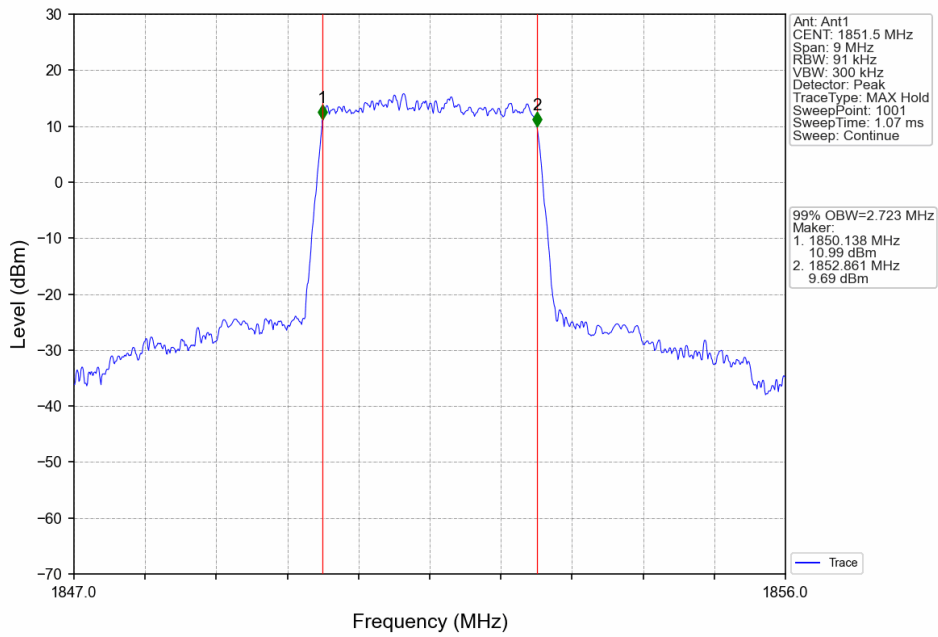
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



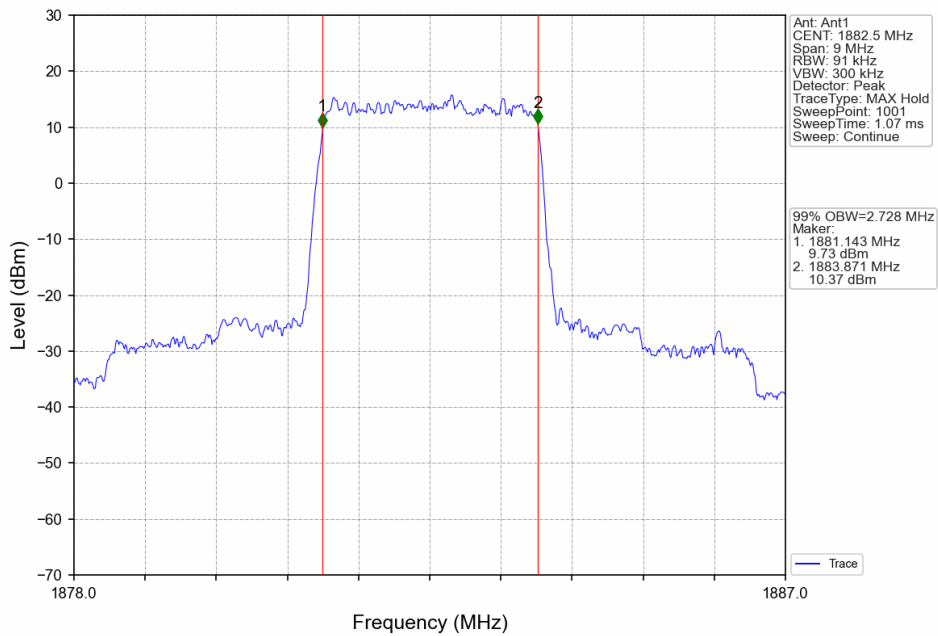
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



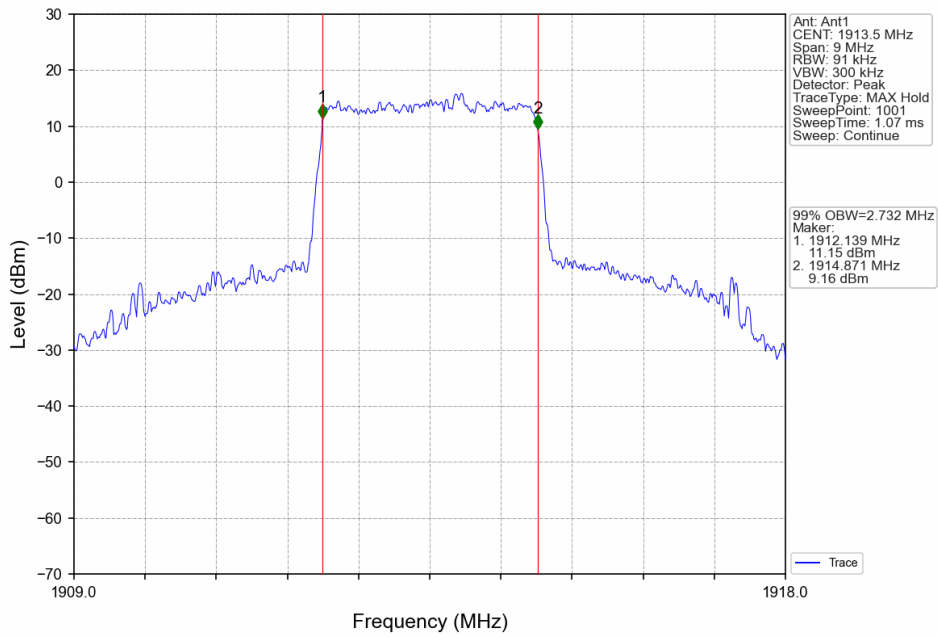
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



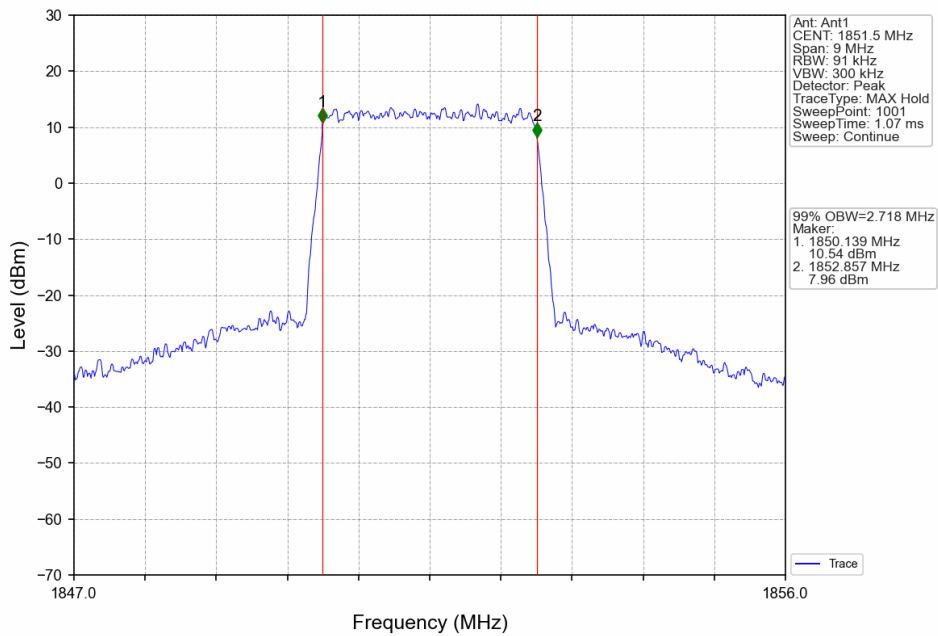
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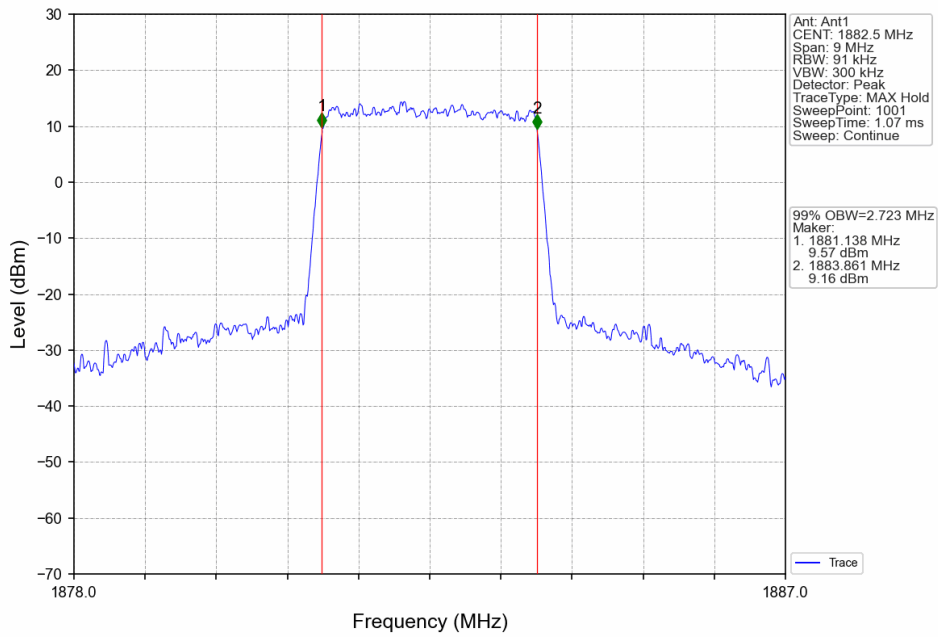
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



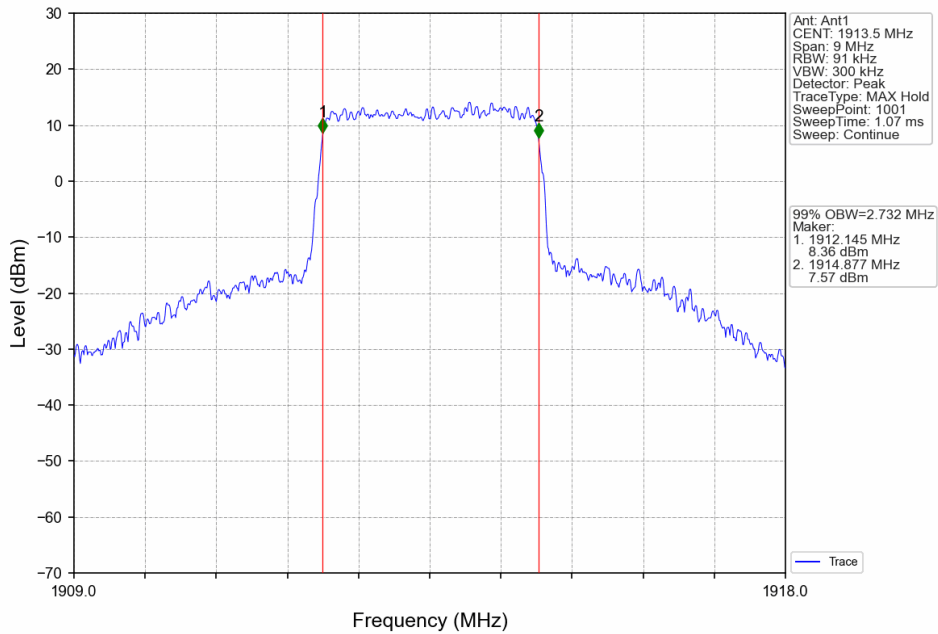
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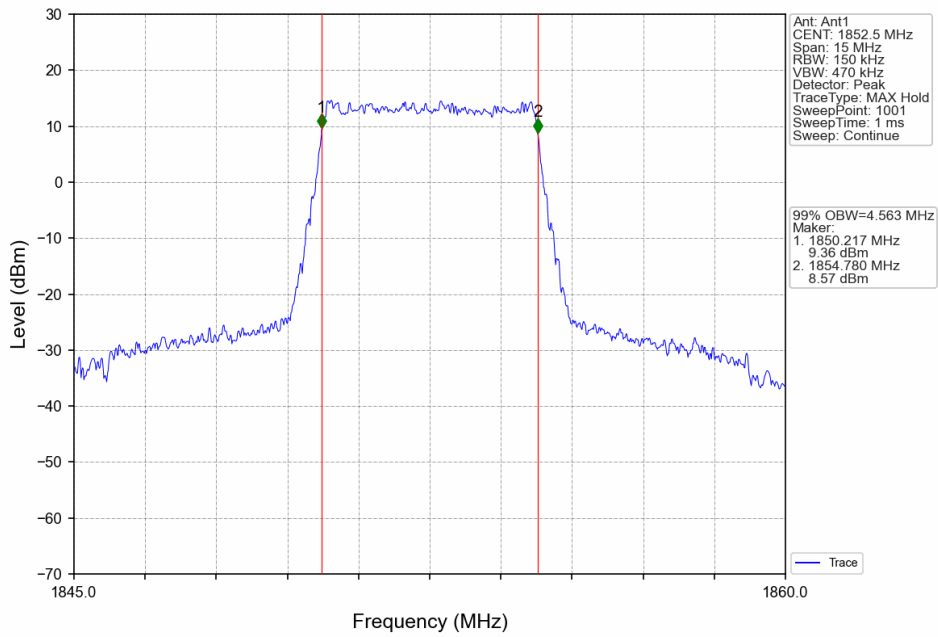
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



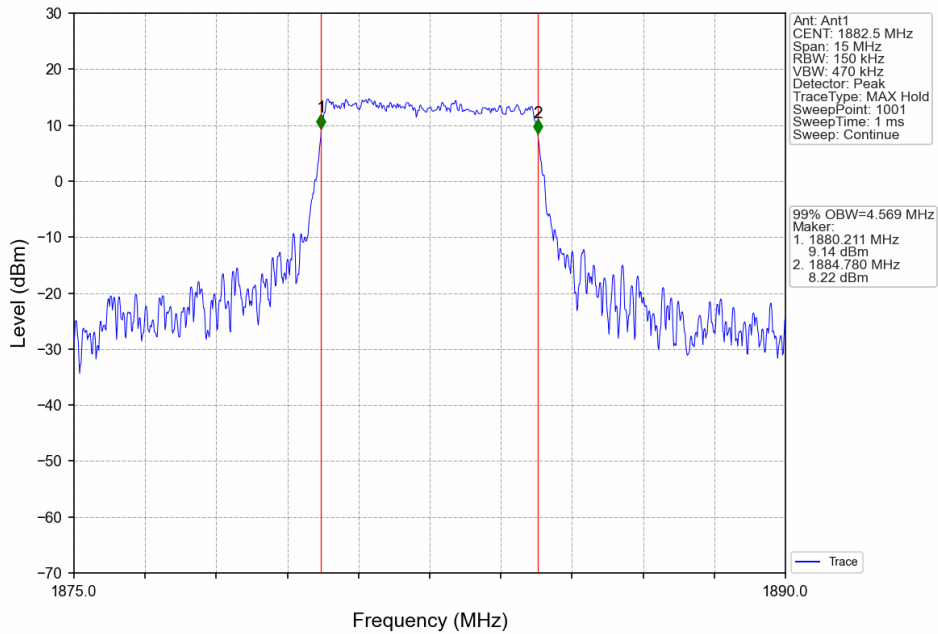
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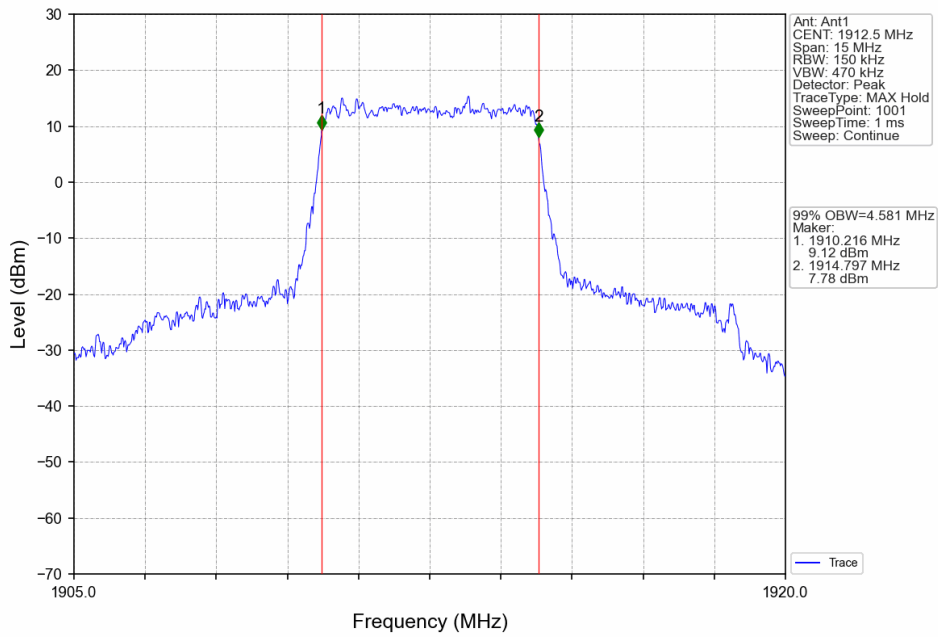
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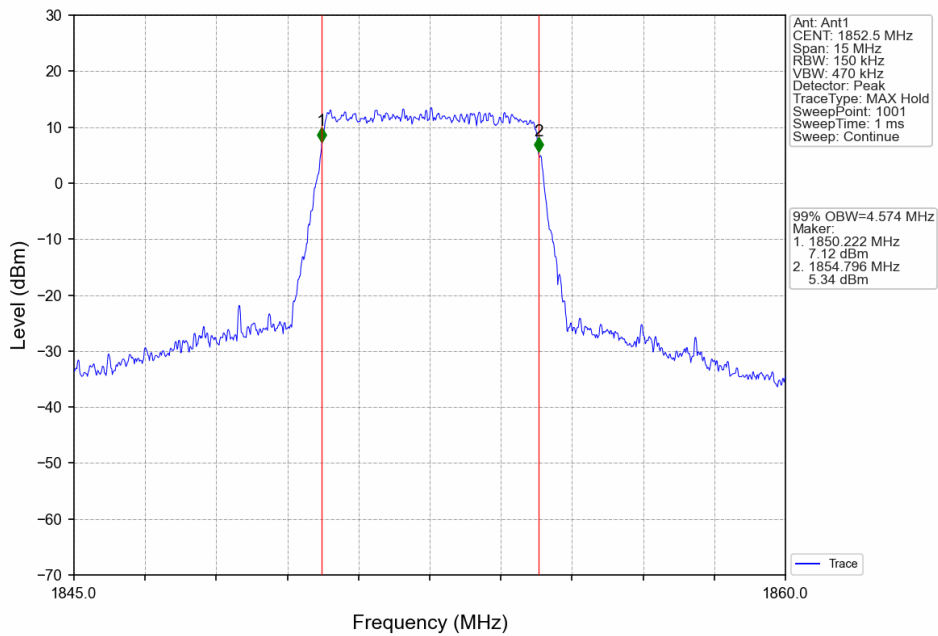
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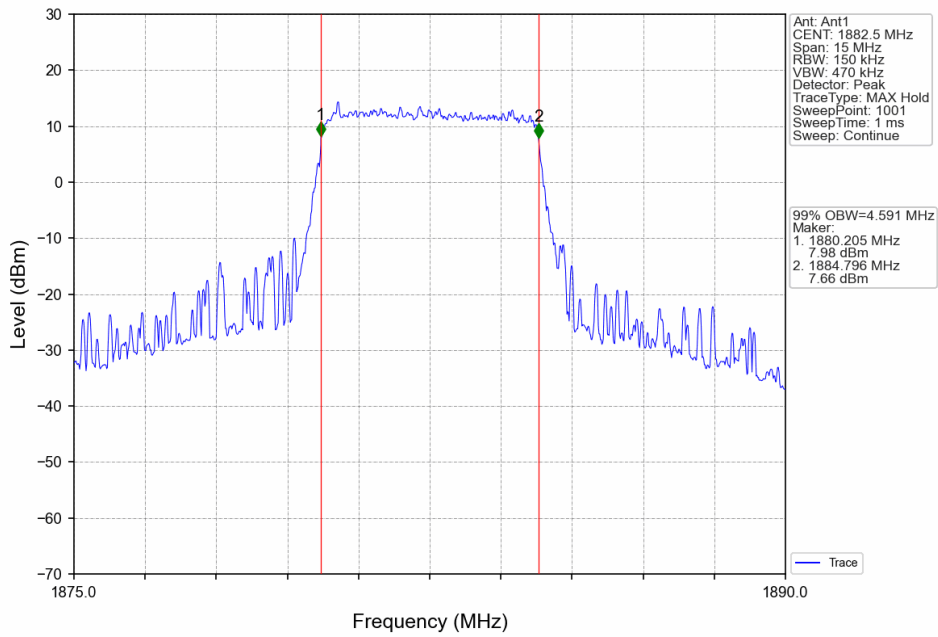
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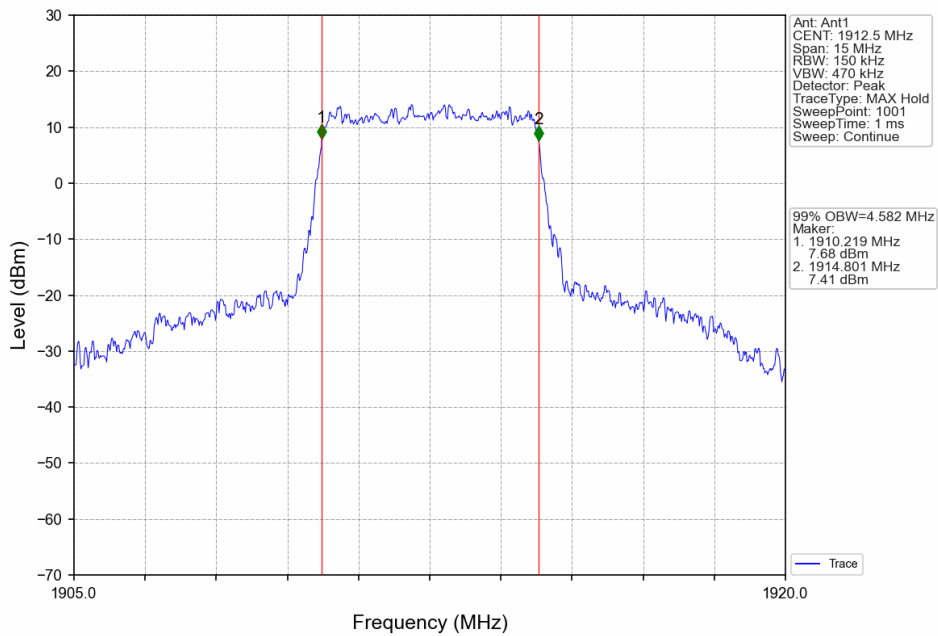
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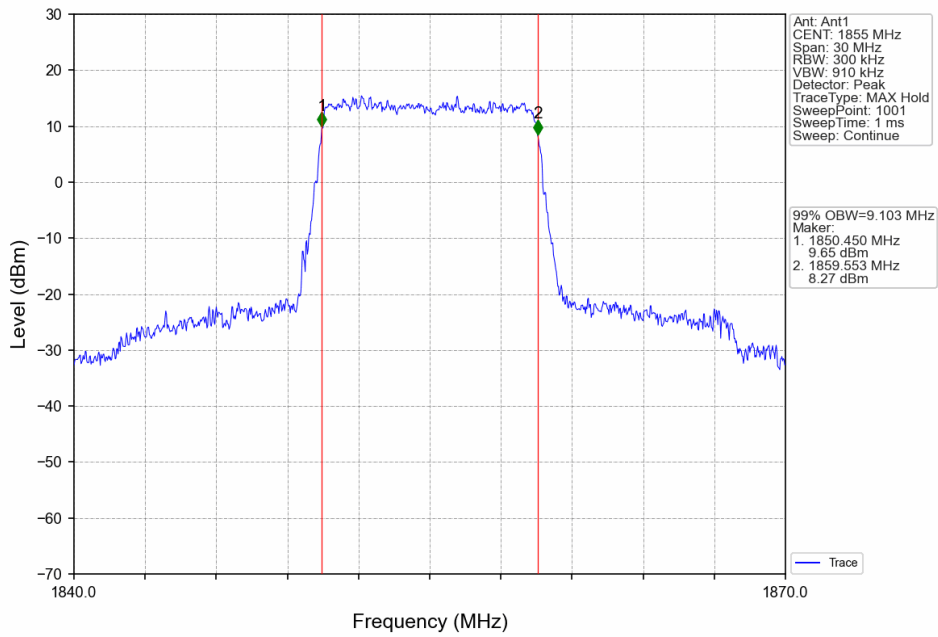
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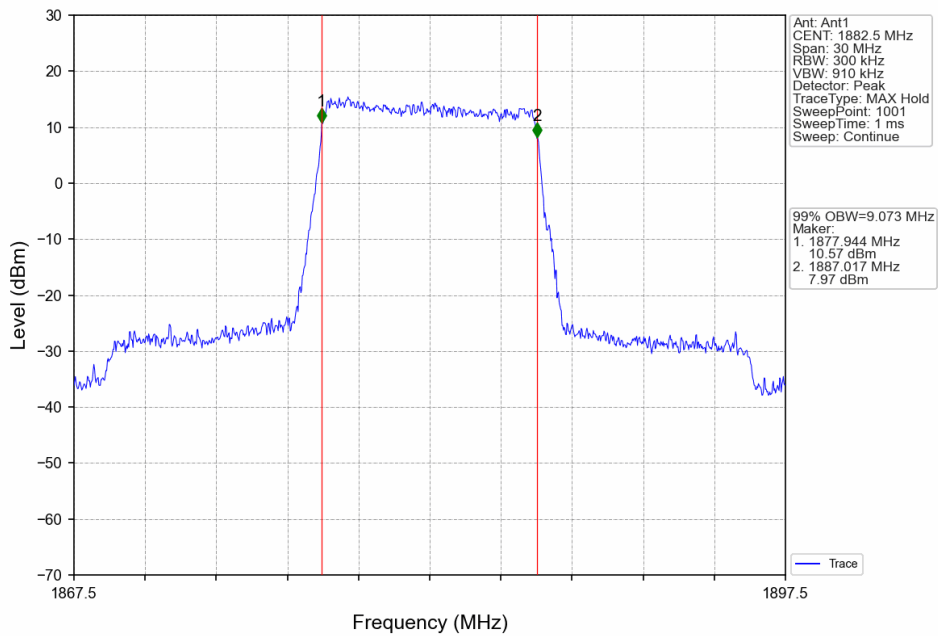
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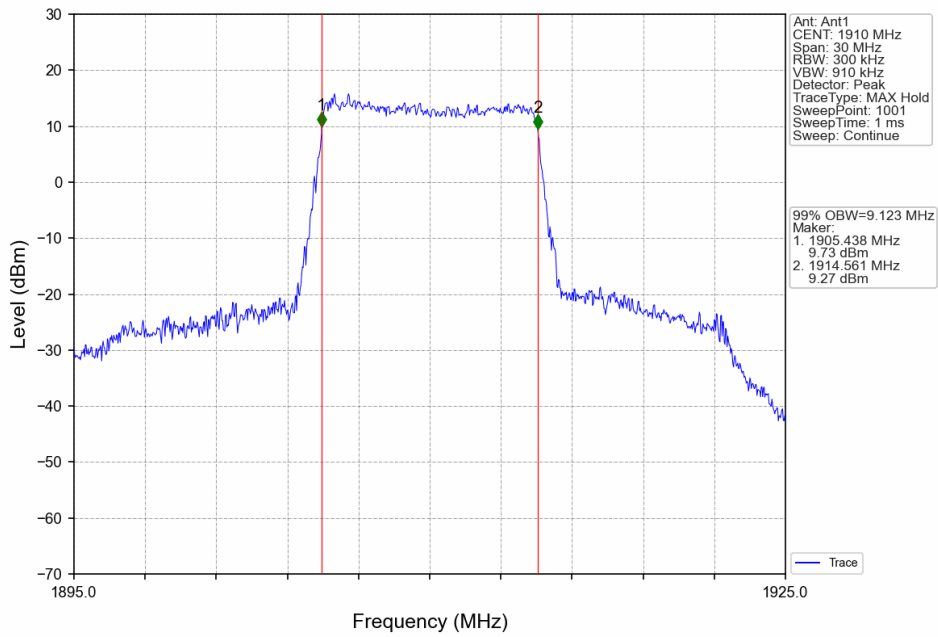
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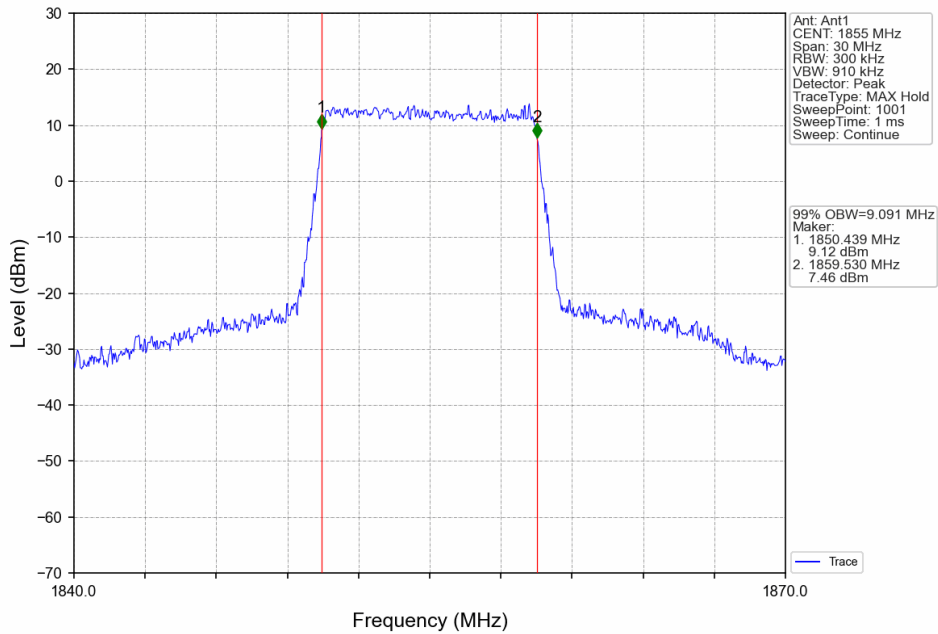
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



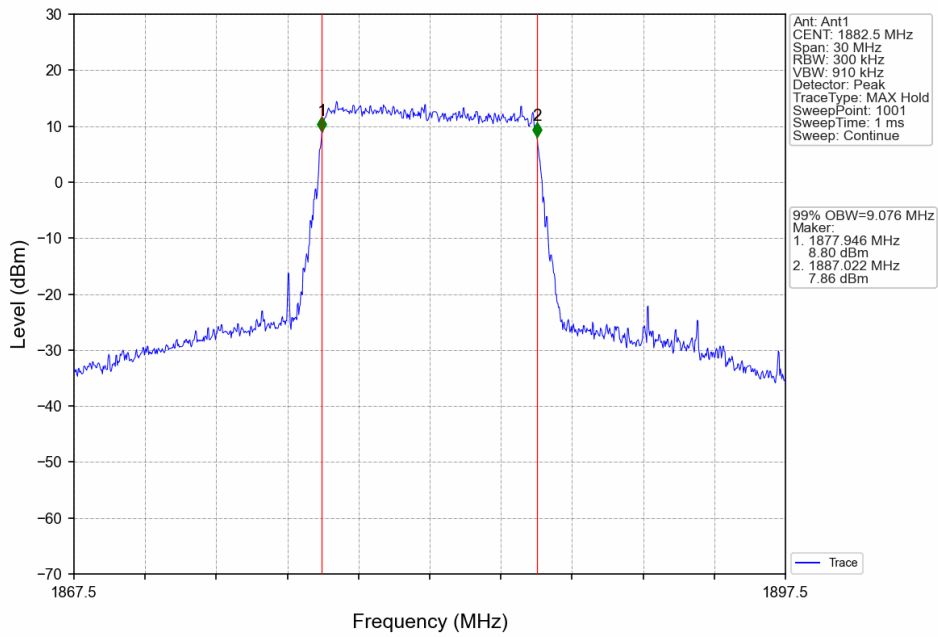
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



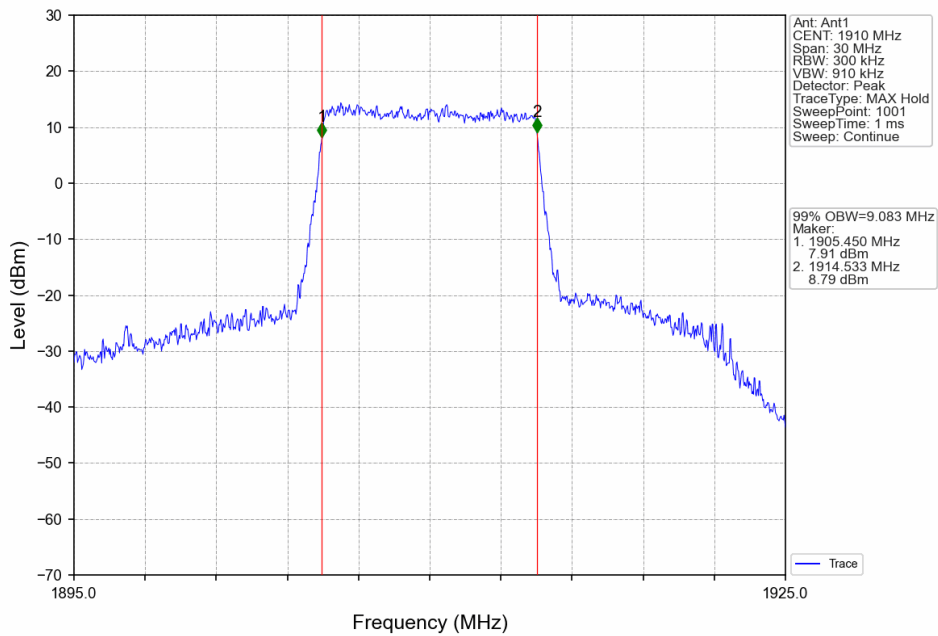
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



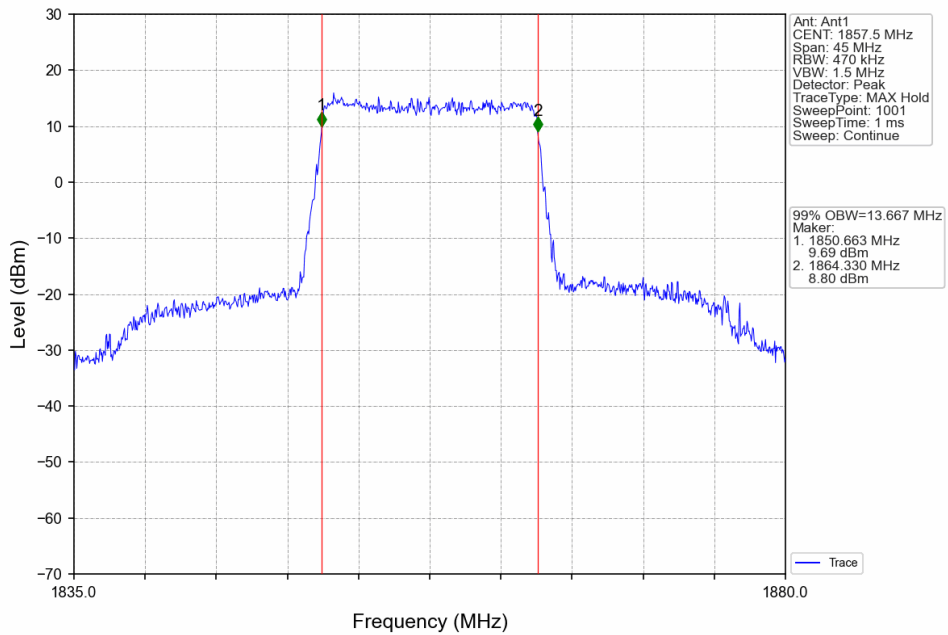
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



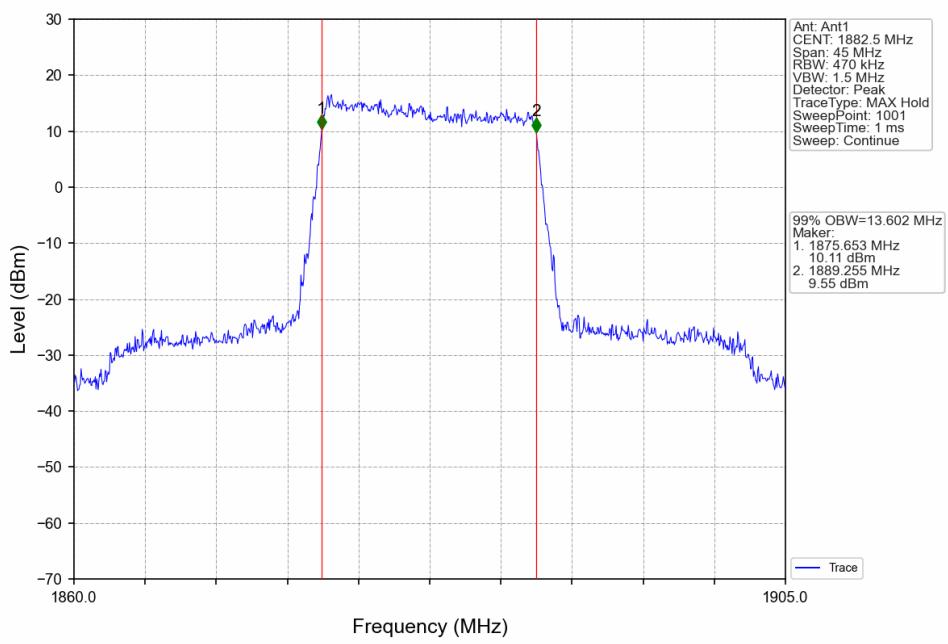
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



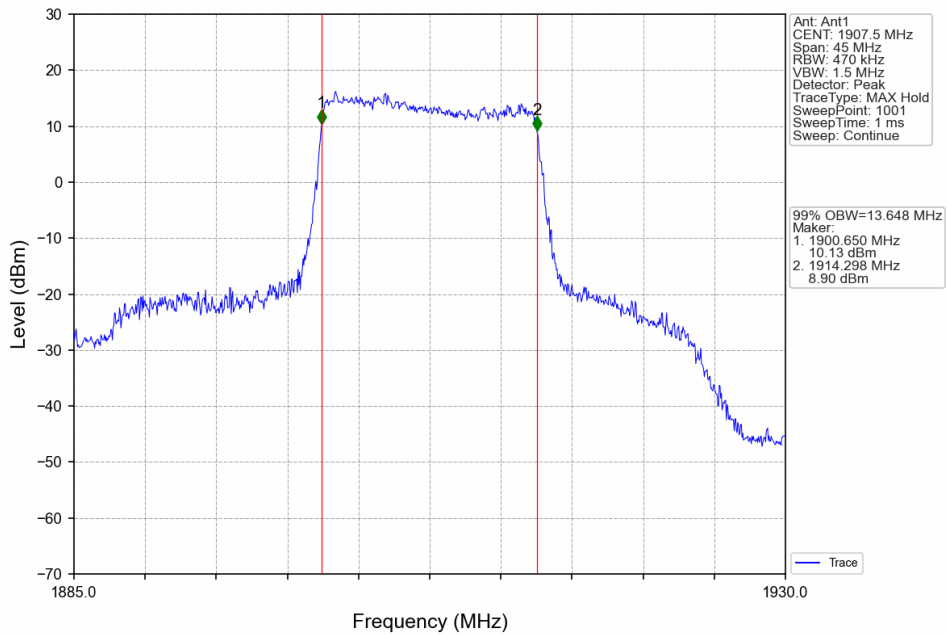
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



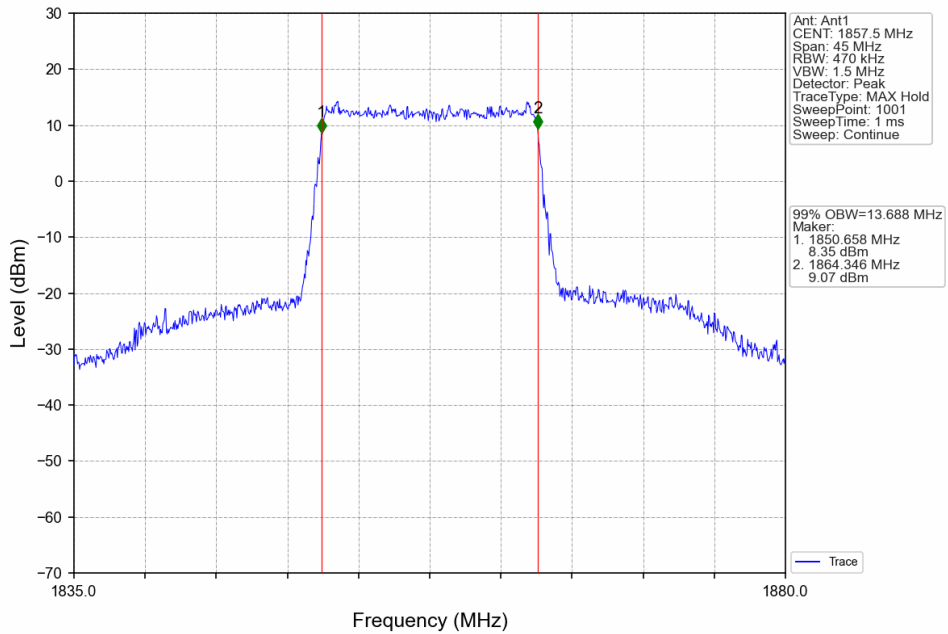
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



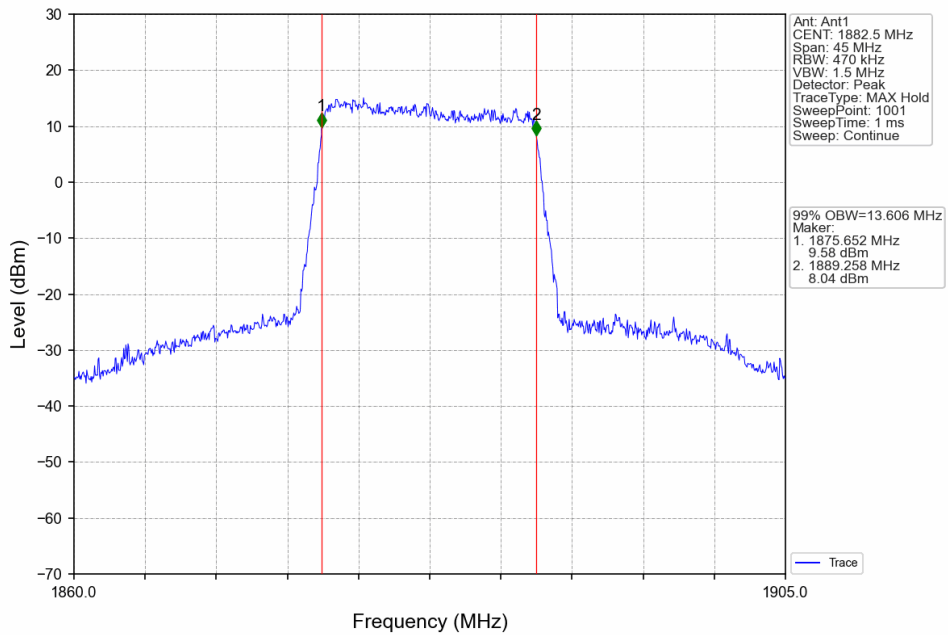
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



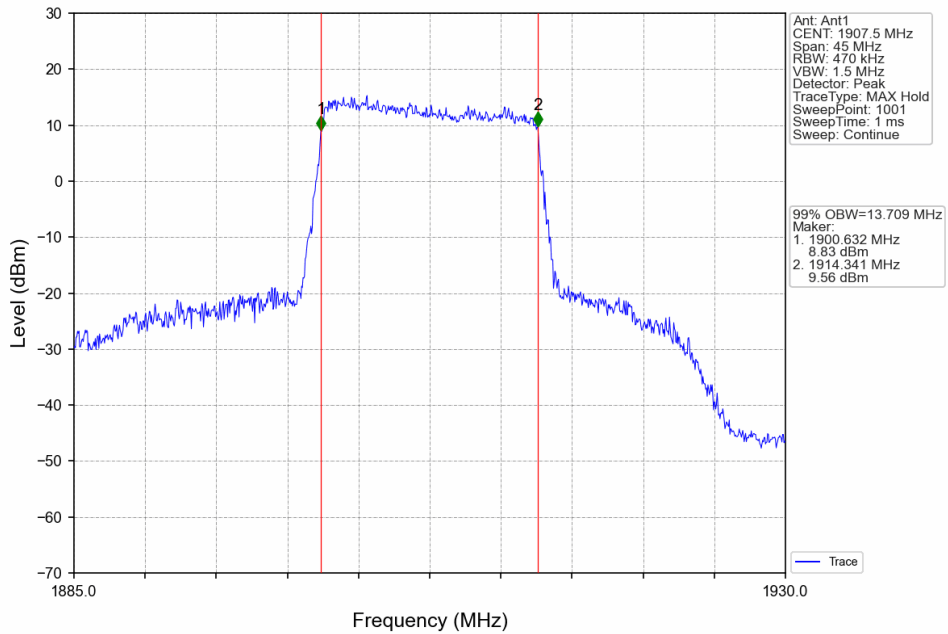
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



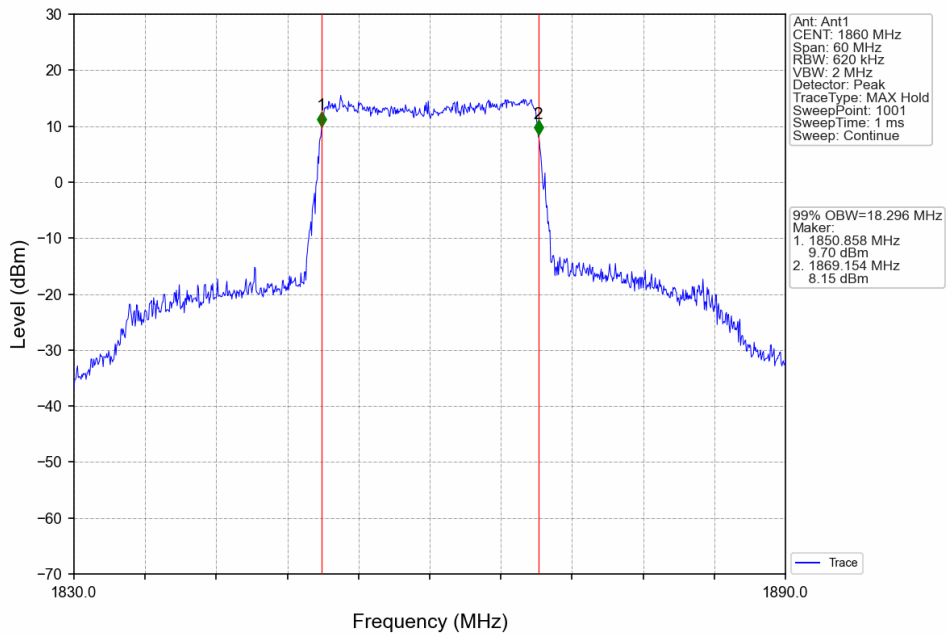
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



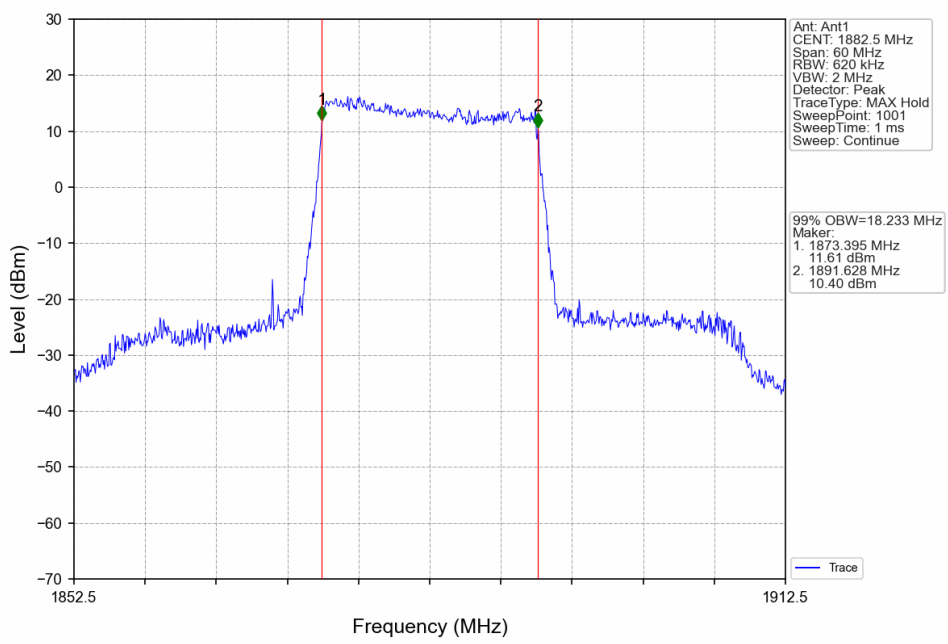
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



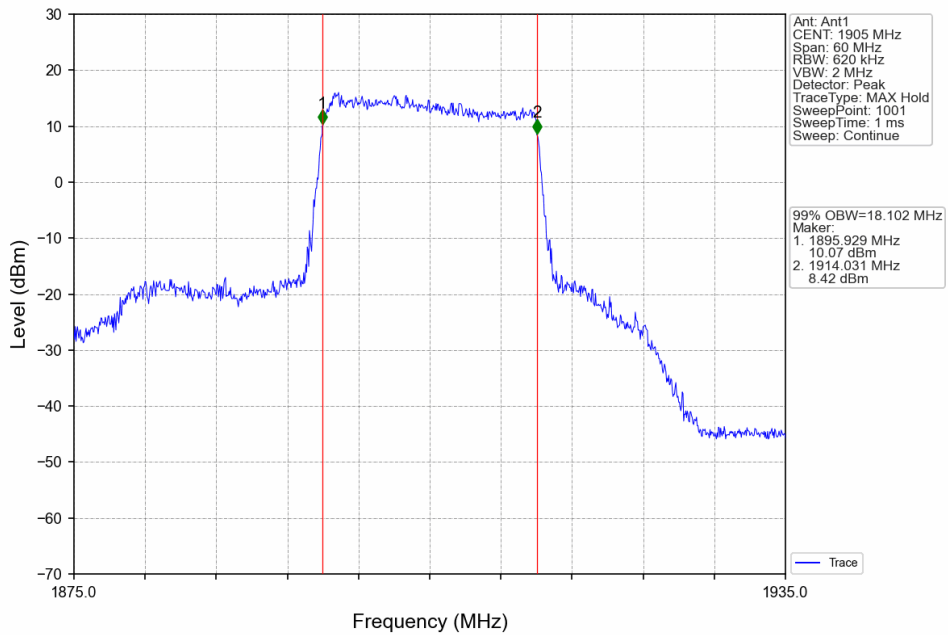
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



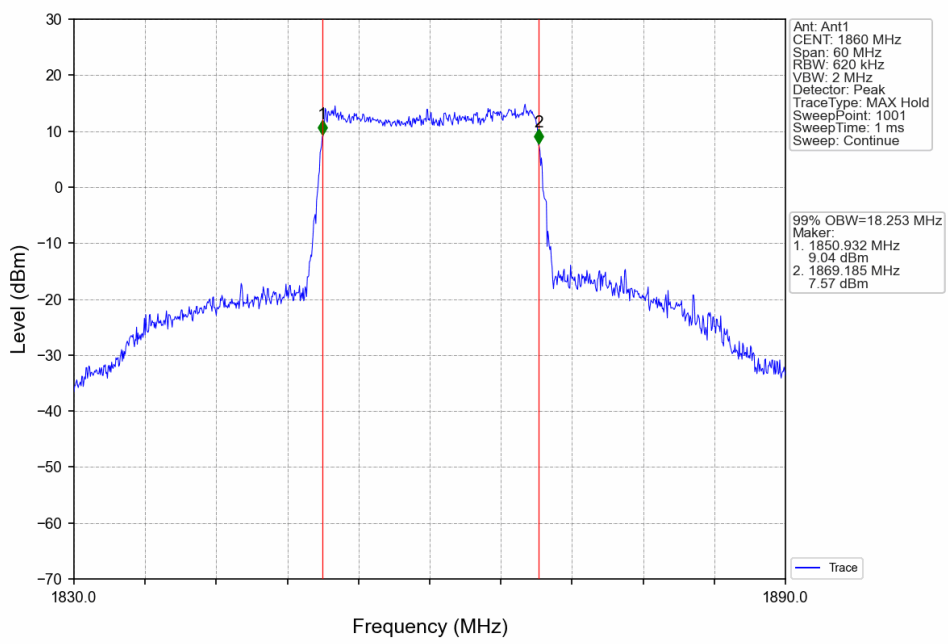
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



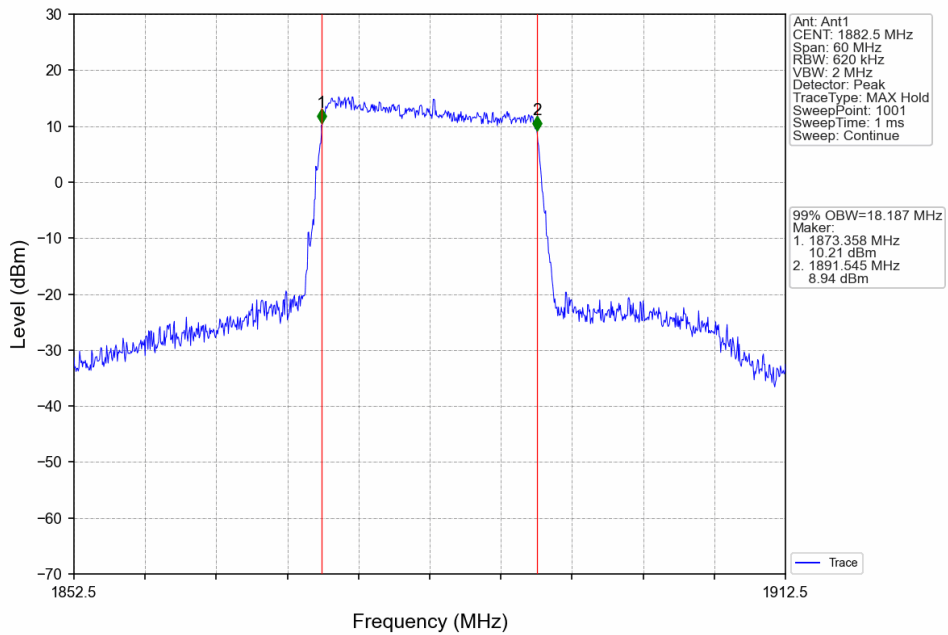
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



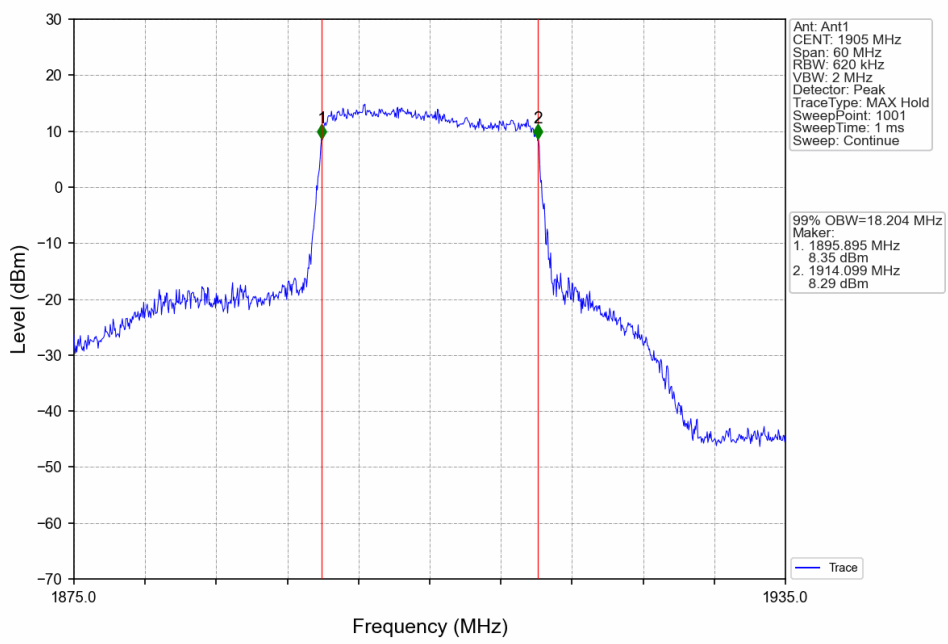
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



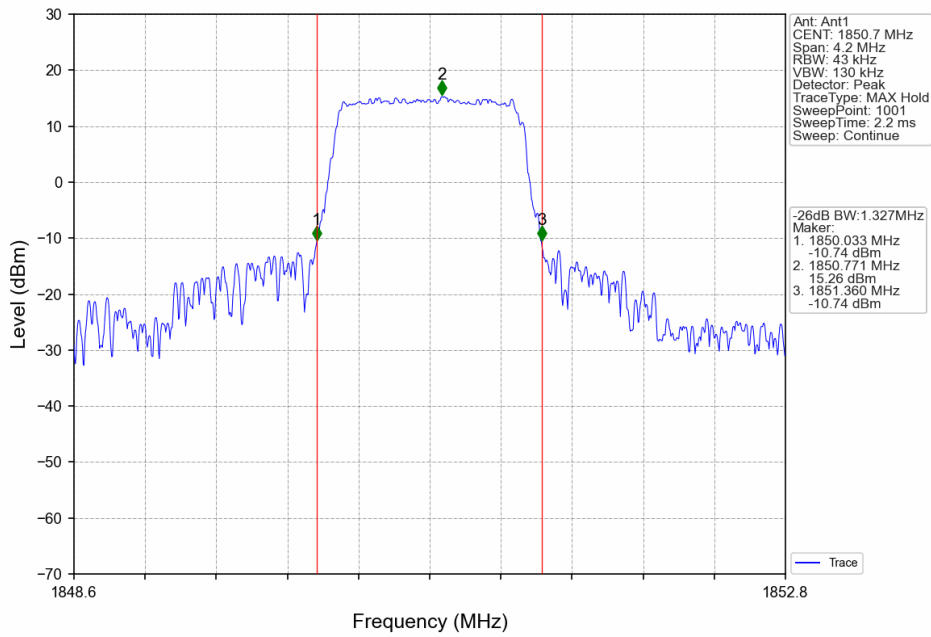
4.2 Band25_XDB

4.2.1 Test Result

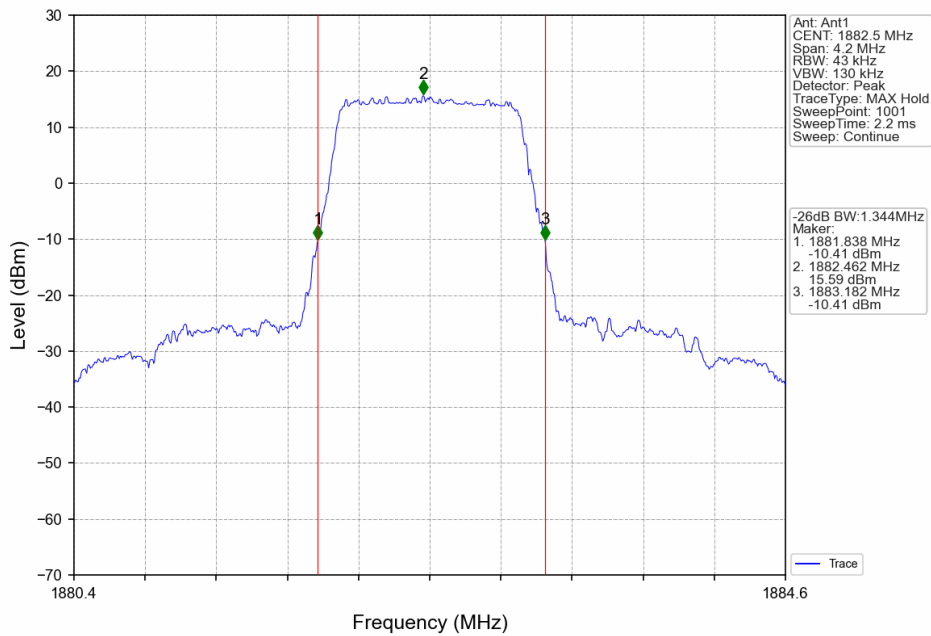
Band: 25 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.327	Pass
		1882.5	6	0	1.344	Pass
		1914.3	6	0	1.338	Pass
	16QAM	1850.7	6	0	1.318	Pass
		1882.5	6	0	1.319	Pass
		1914.3	6	0	1.338	Pass
3	QPSK	1851.5	15	0	2.994	Pass
		1882.5	15	0	2.982	Pass
		1913.5	15	0	3.000	Pass
	16QAM	1851.5	15	0	3.001	Pass
		1882.5	15	0	2.993	Pass
		1913.5	15	0	2.987	Pass
5	QPSK	1852.5	25	0	5.260	Pass
		1882.5	25	0	5.591	Pass
		1912.5	25	0	5.271	Pass
	16QAM	1852.5	25	0	5.264	Pass
		1882.5	25	0	5.704	Pass
		1912.5	25	0	5.413	Pass
10	QPSK	1855	50	0	10.318	Pass
		1882.5	50	0	10.302	Pass
		1910	50	0	10.345	Pass
	16QAM	1855	50	0	10.367	Pass
		1882.5	50	0	10.118	Pass
		1910	50	0	10.264	Pass
15	QPSK	1857.5	75	0	15.454	Pass
		1882.5	75	0	15.152	Pass
		1907.5	75	0	15.293	Pass
	16QAM	1857.5	75	0	15.298	Pass
		1882.5	75	0	15.329	Pass
		1907.5	75	0	15.384	Pass
20	QPSK	1860	100	0	20.400	Pass
		1882.5	100	0	20.046	Pass
		1905	100	0	20.010	Pass
	16QAM	1860	100	0	20.143	Pass
		1882.5	100	0	20.269	Pass
		1905	100	0	19.974	Pass

4.2.2 Test Graph

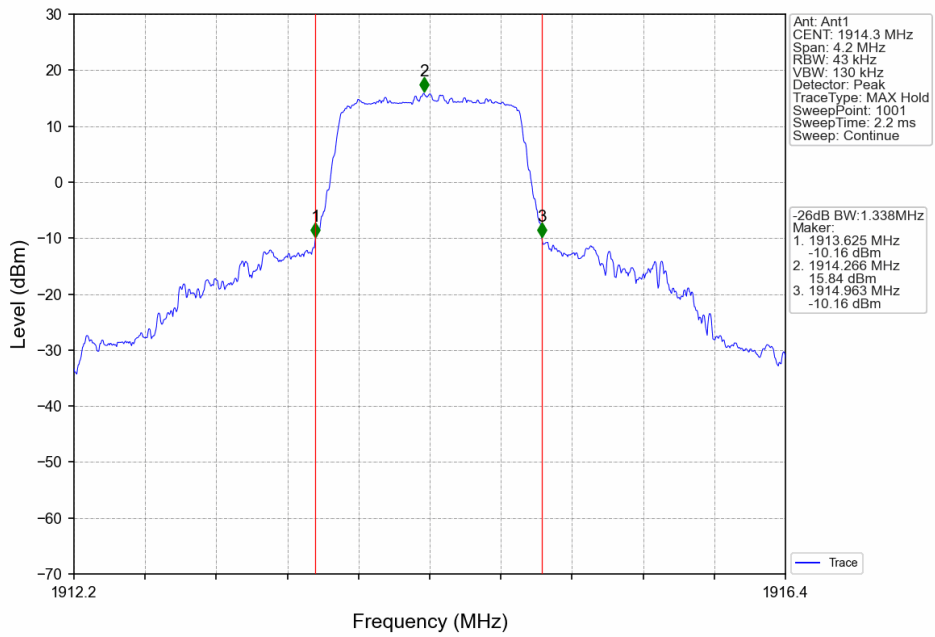
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTV



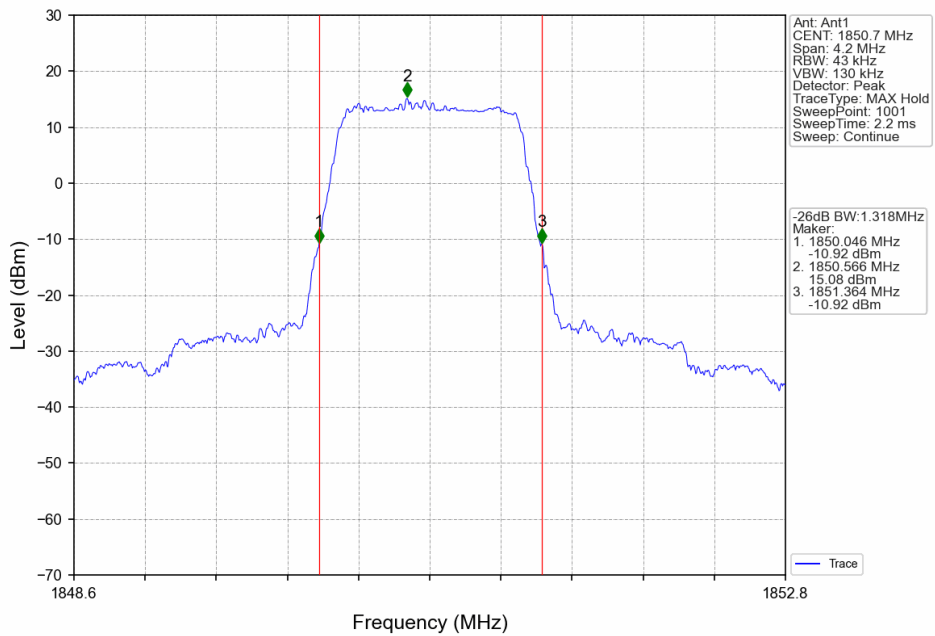
Band25_1.4MHz_QPSK_MCH_1850.7MHz_RB_6_0_NTNV



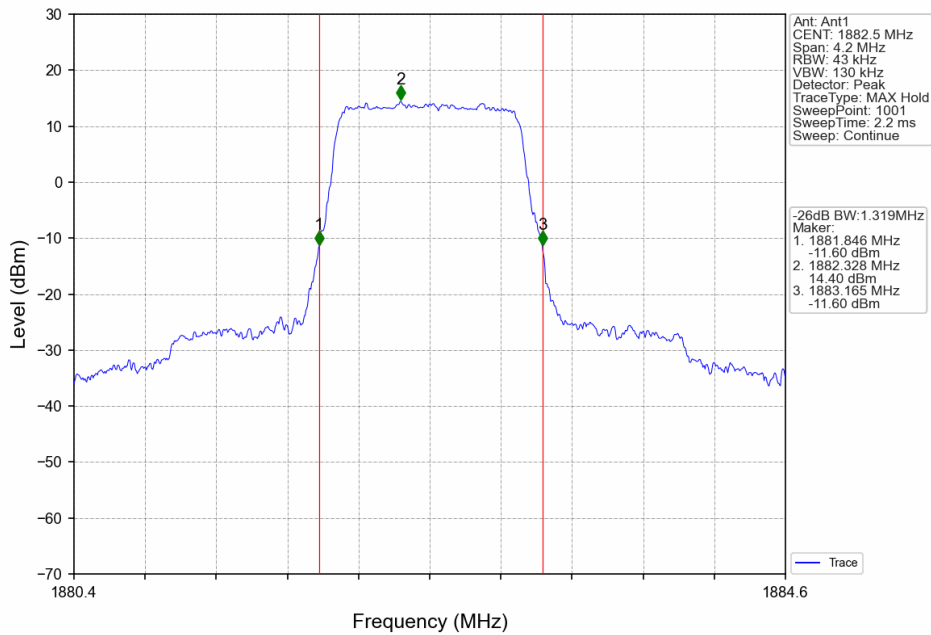
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



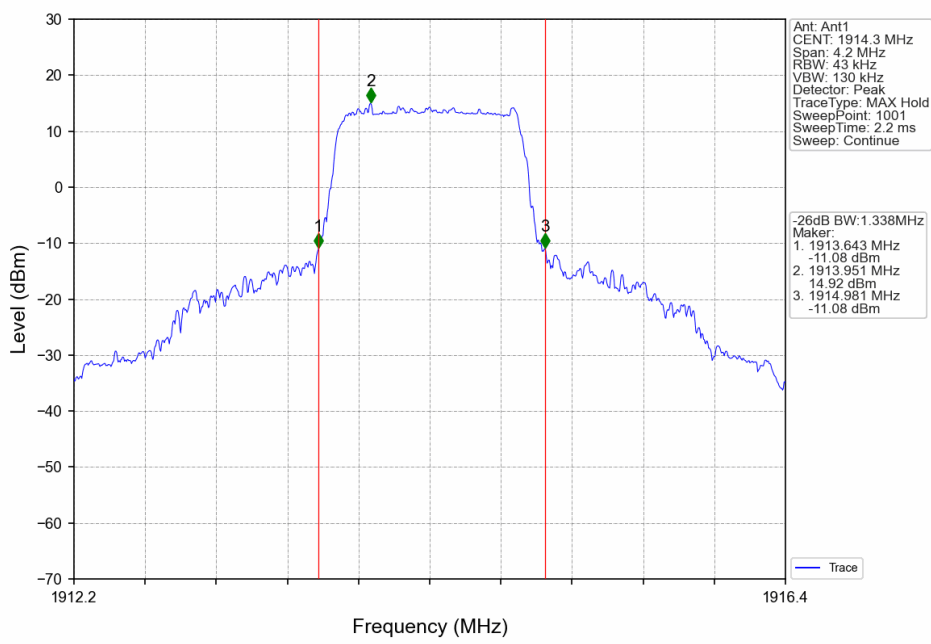
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



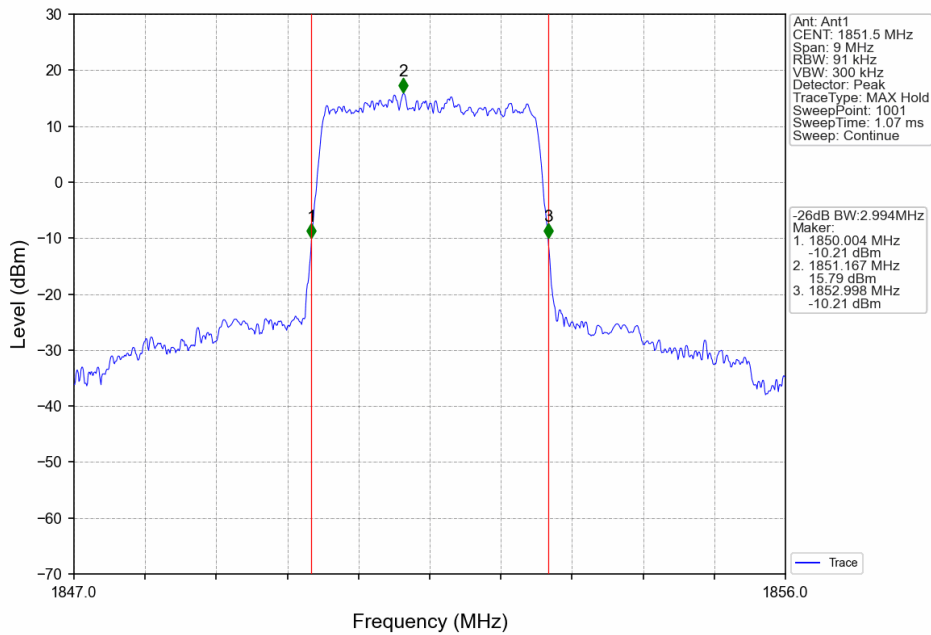
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



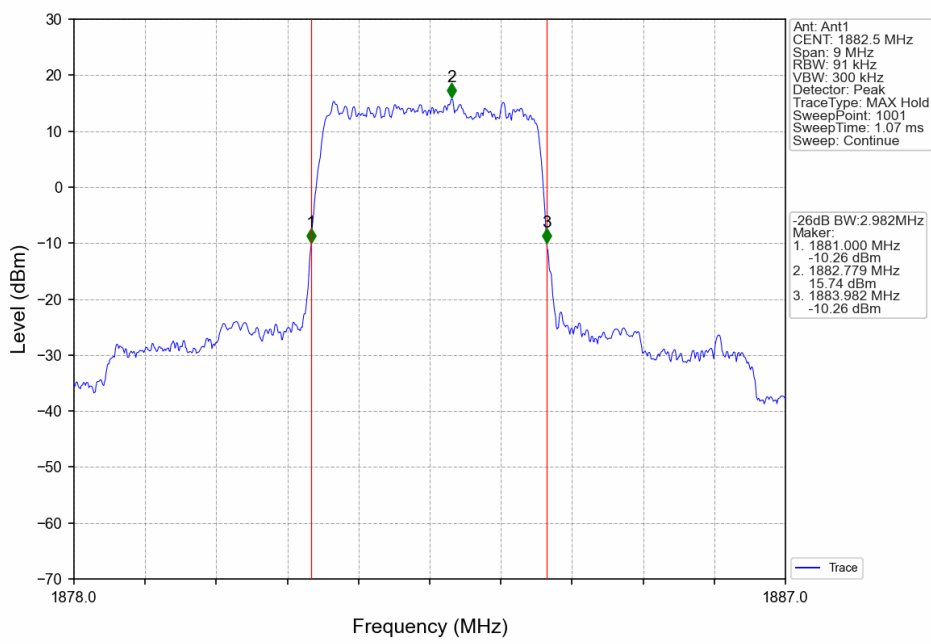
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



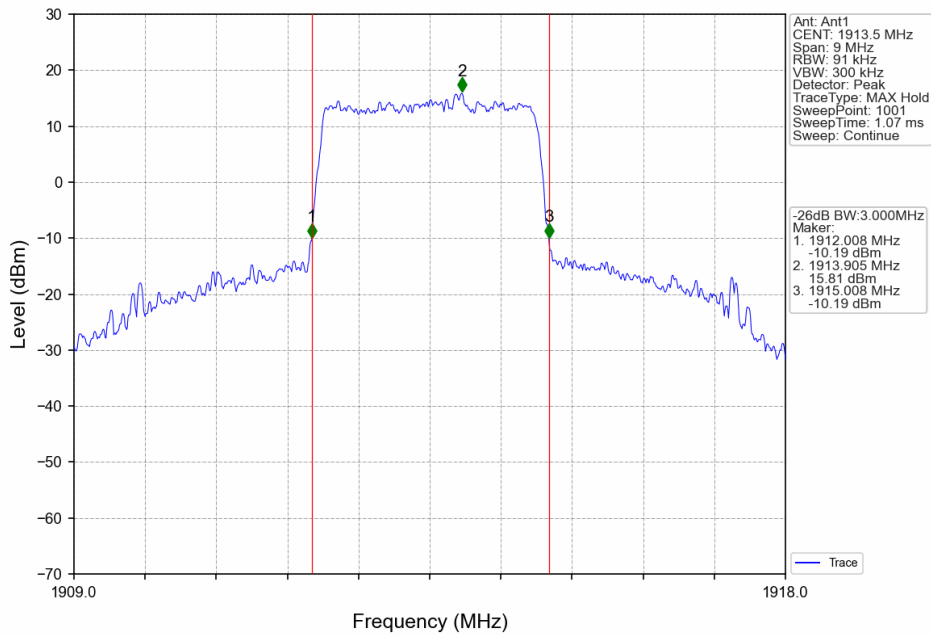
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



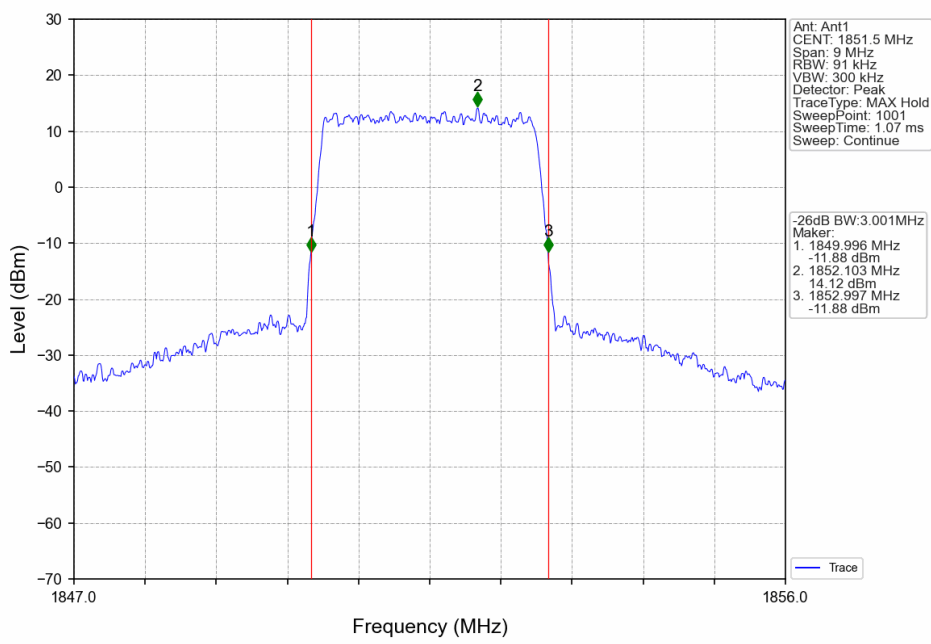
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



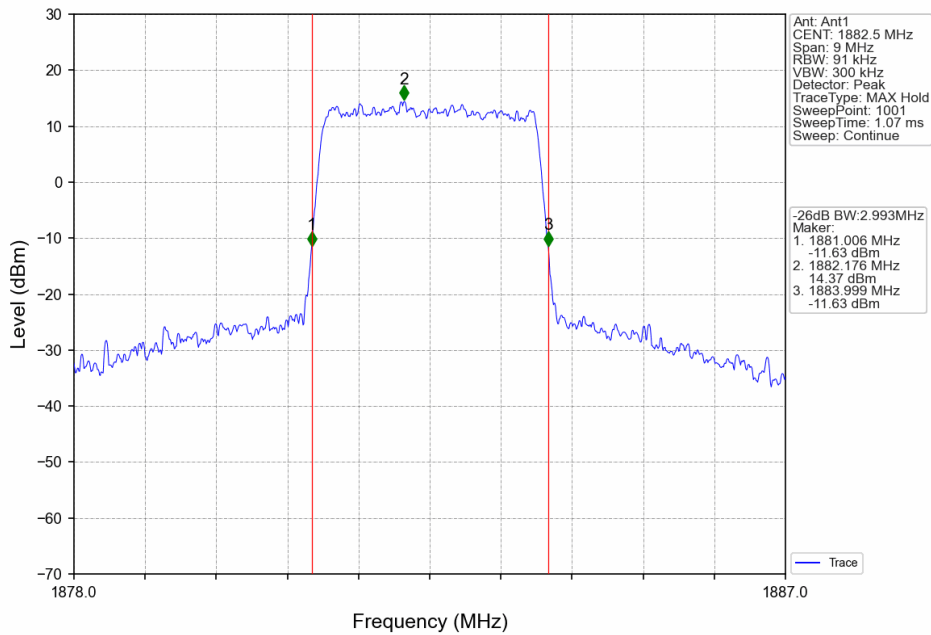
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



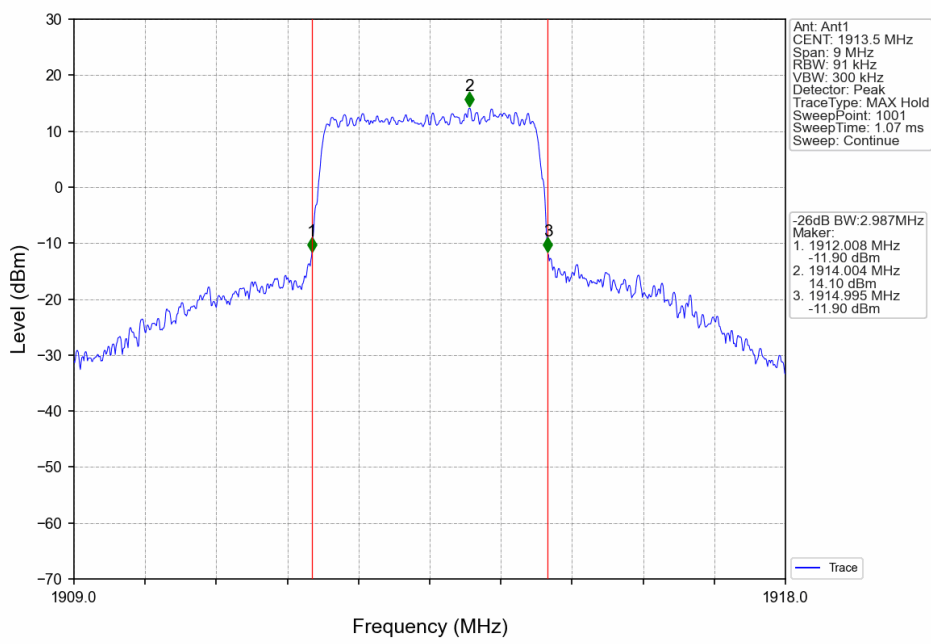
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



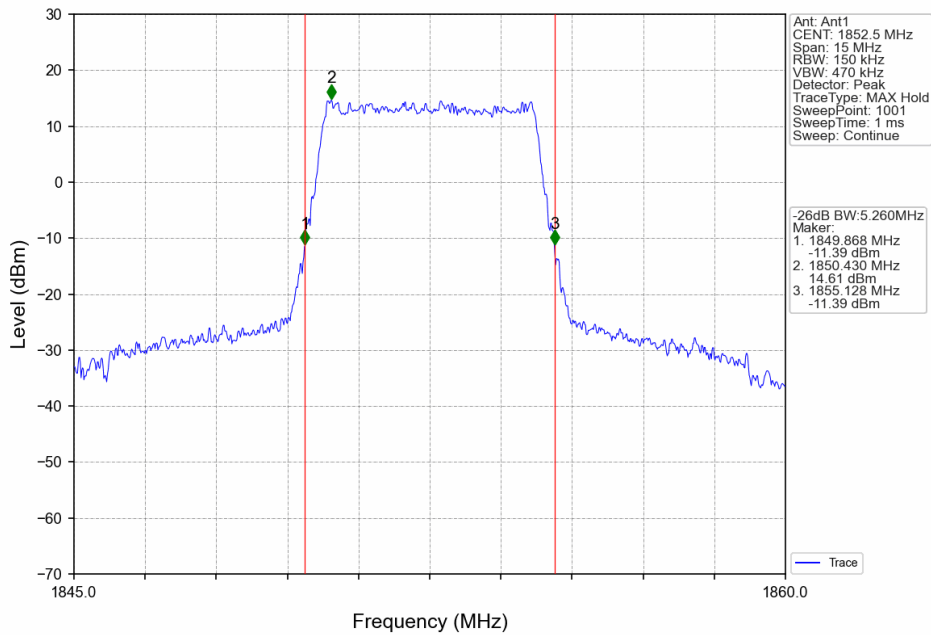
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



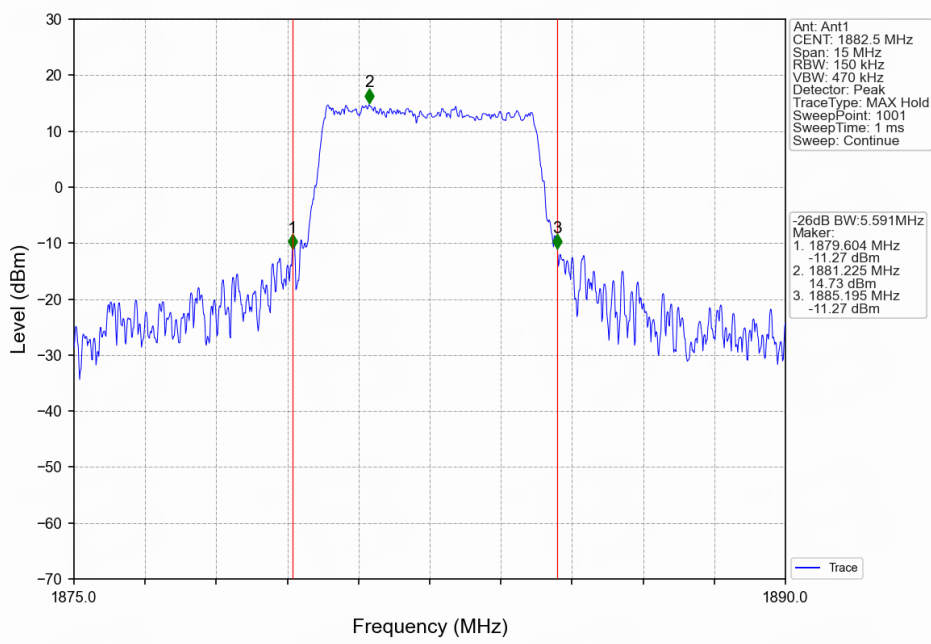
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



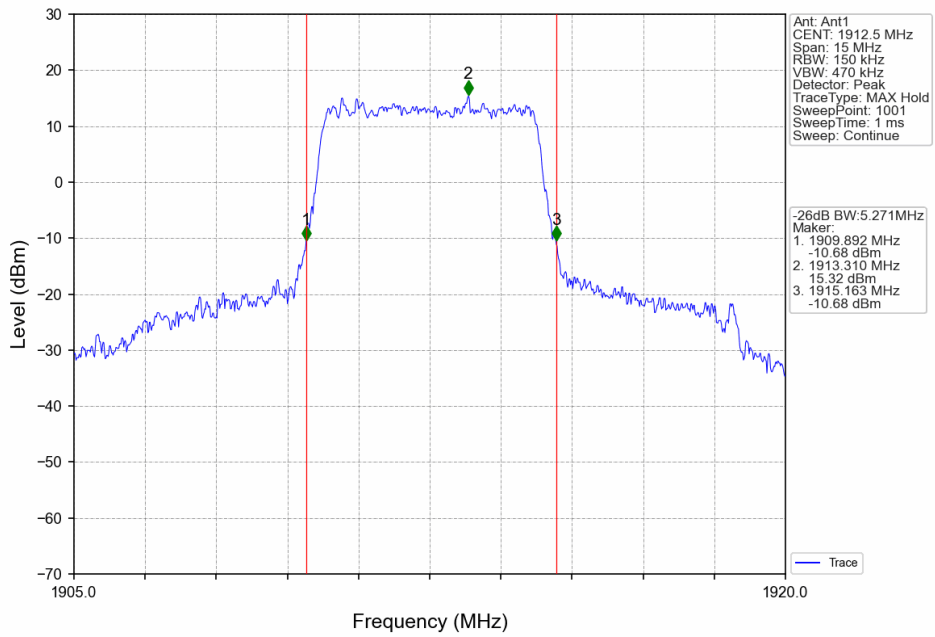
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



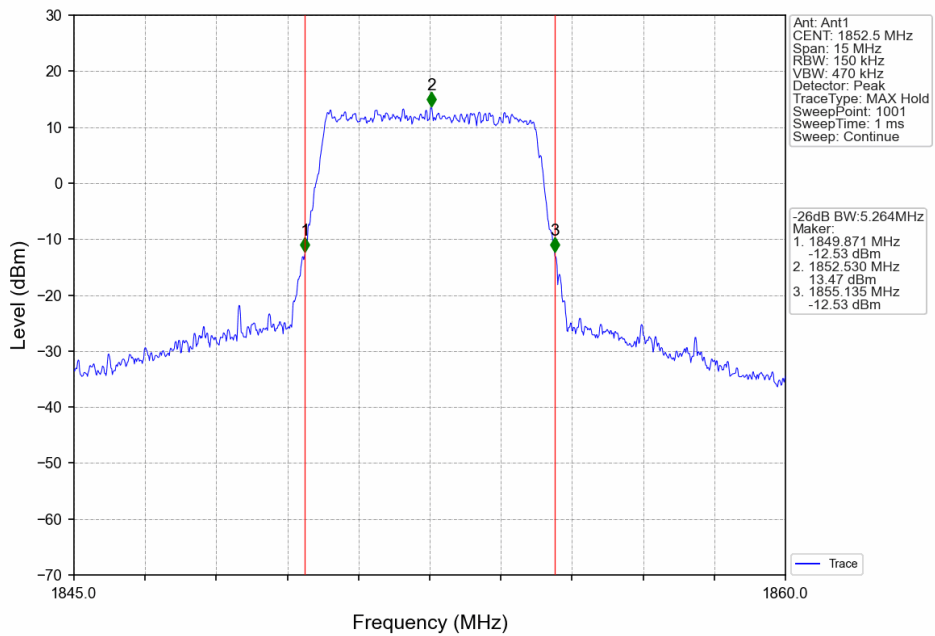
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



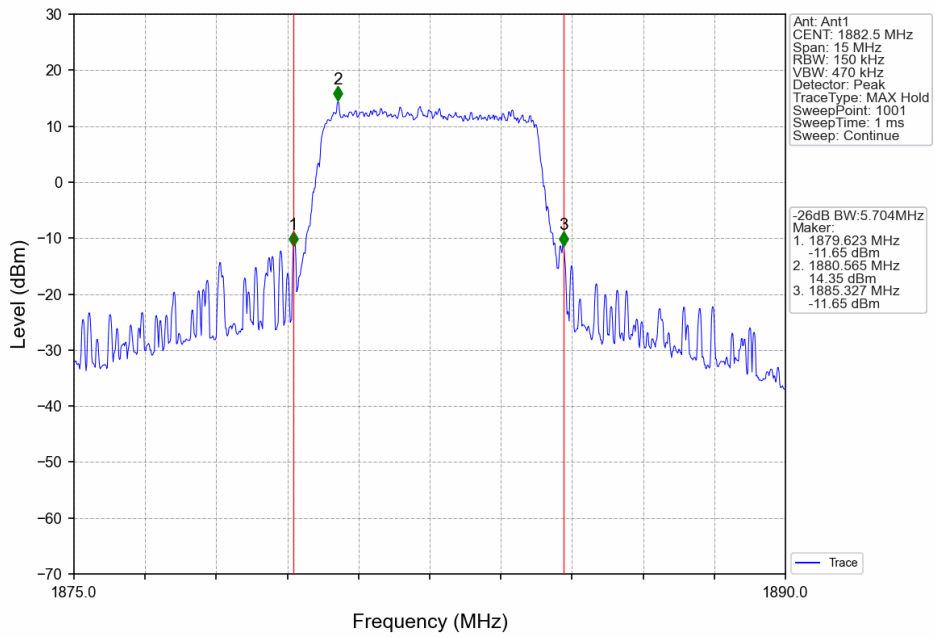
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



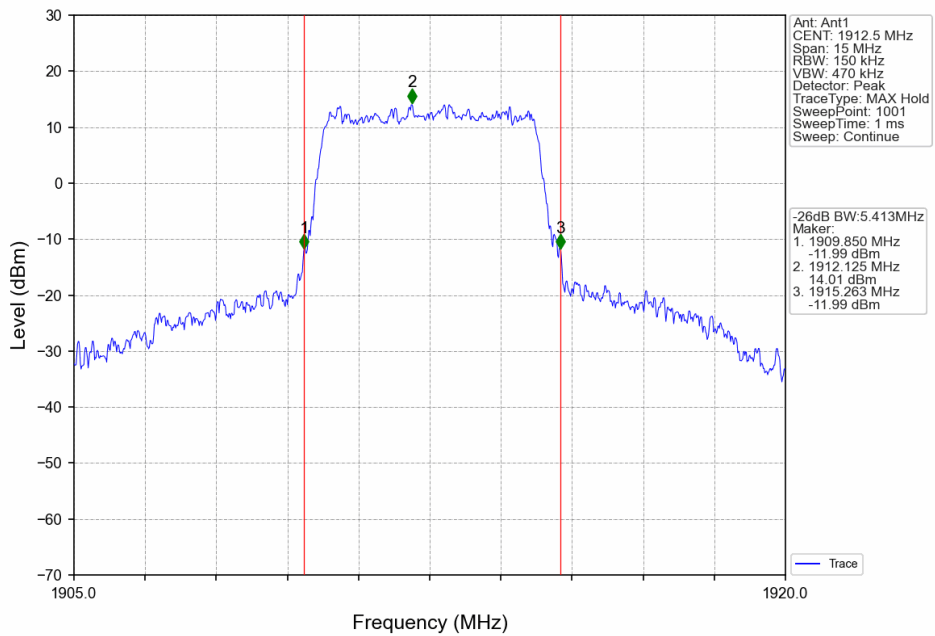
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



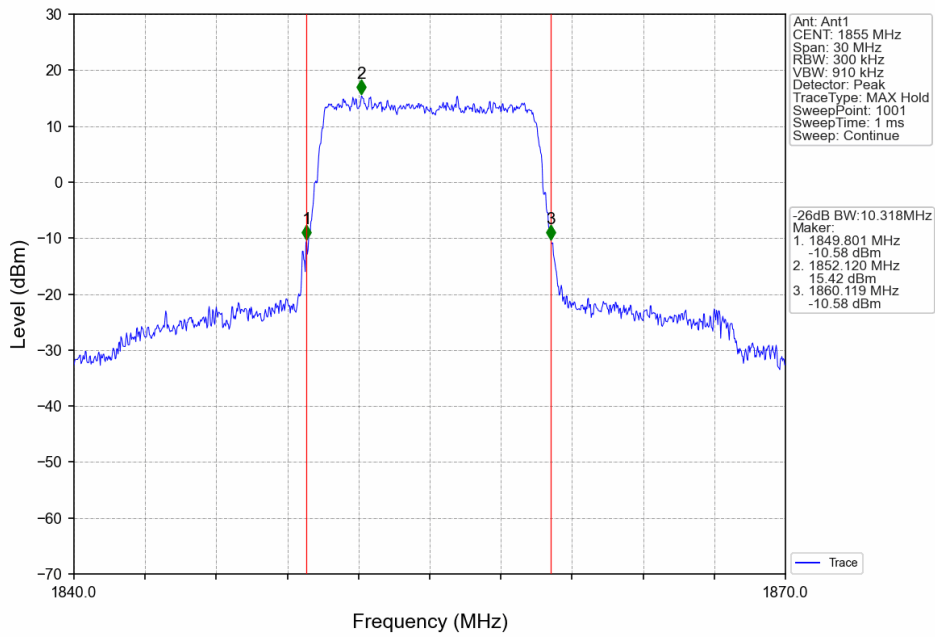
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



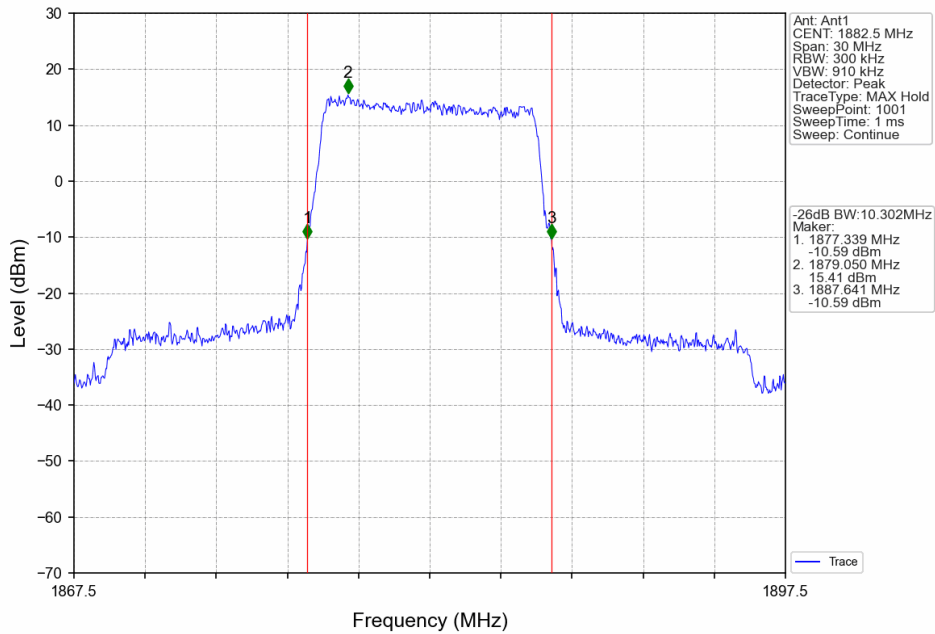
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



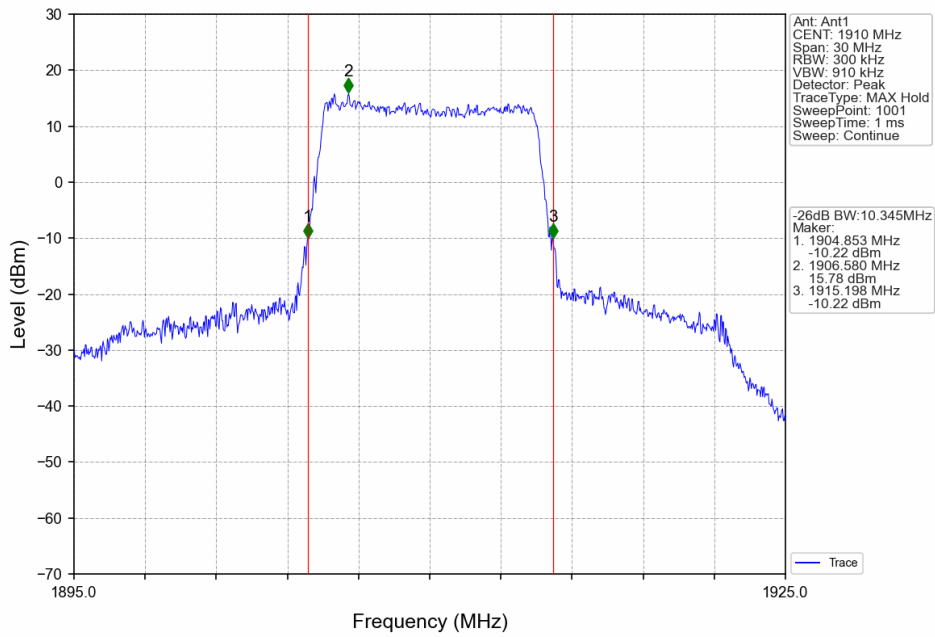
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



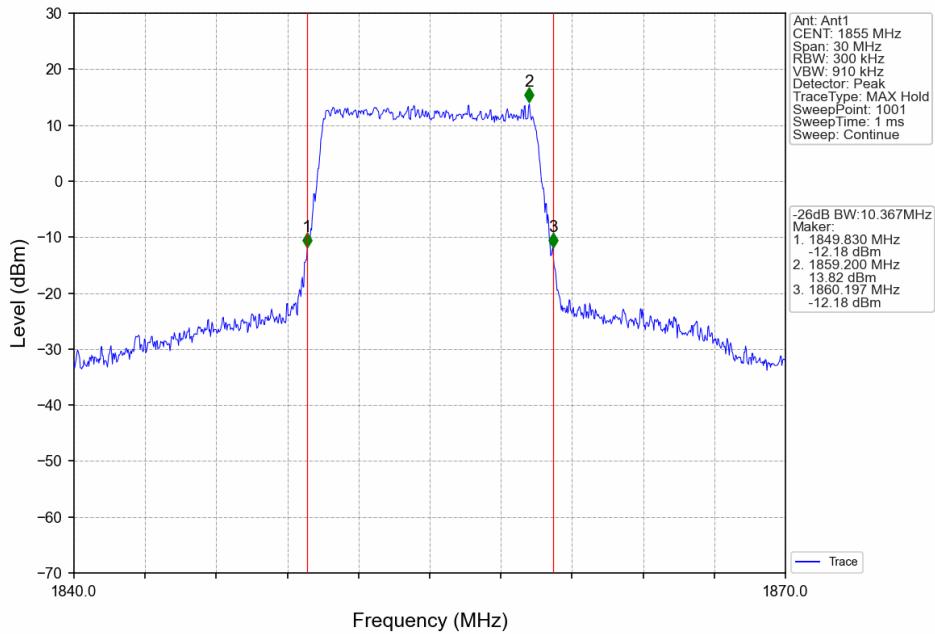
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



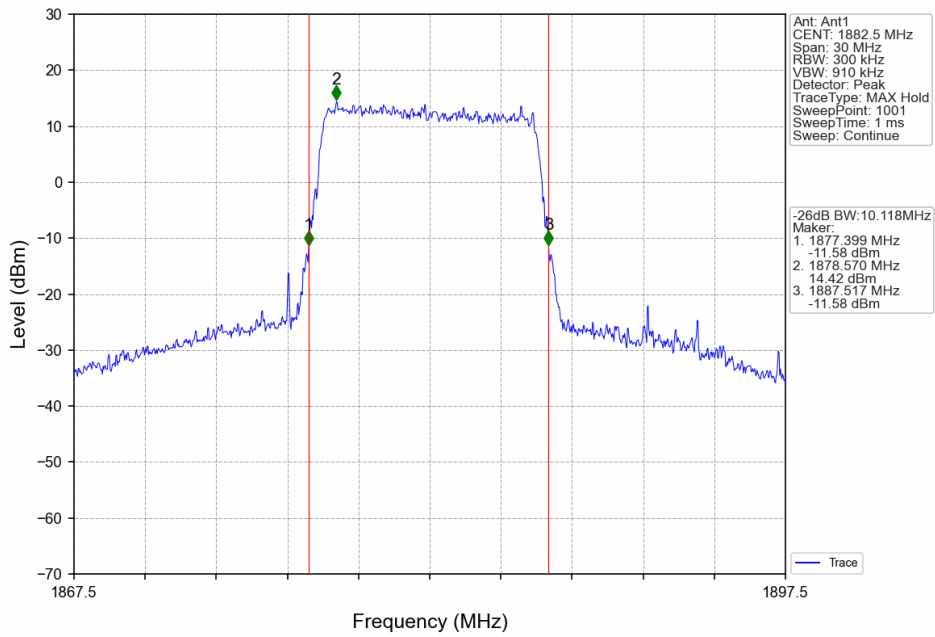
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



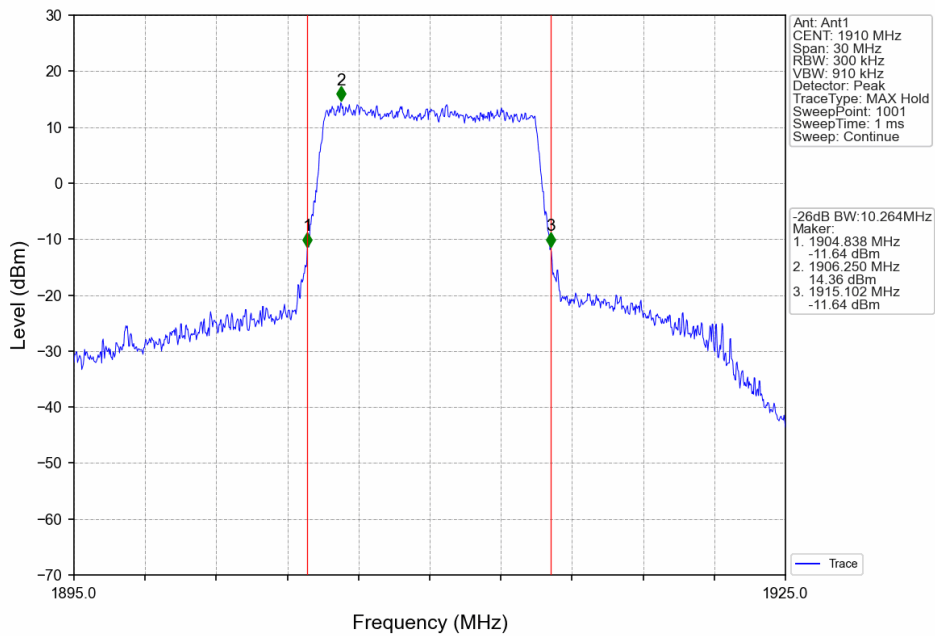
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



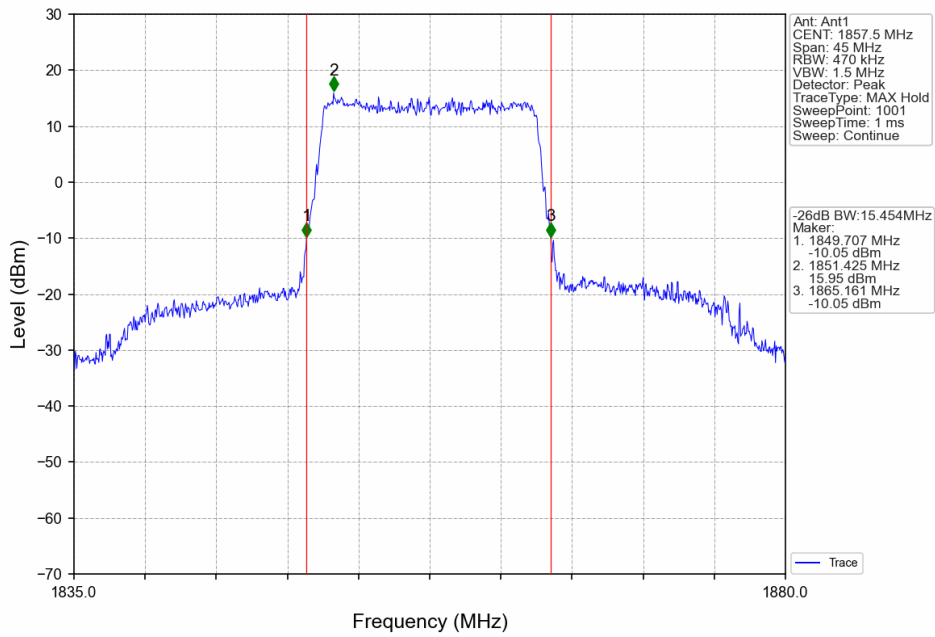
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



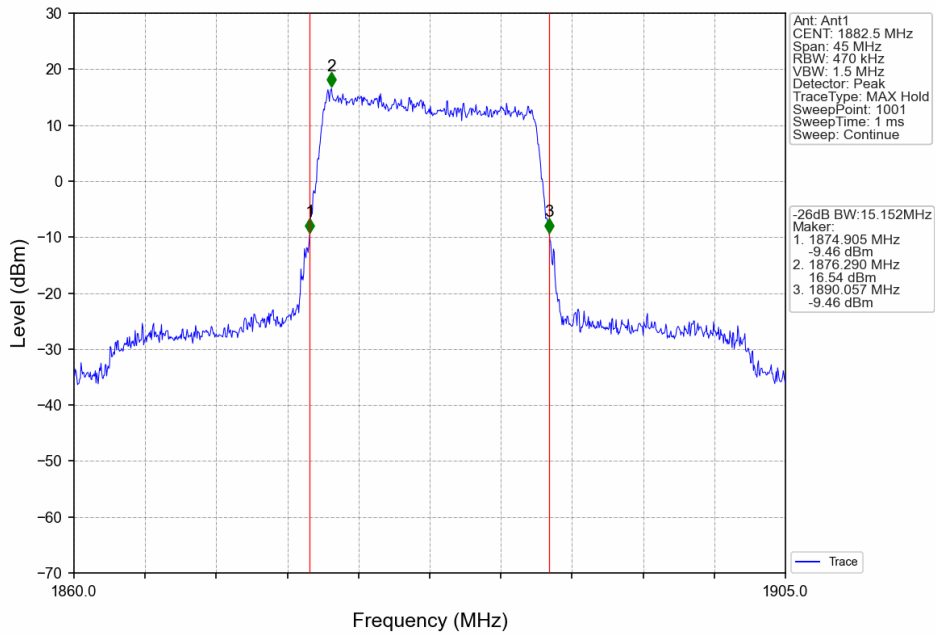
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



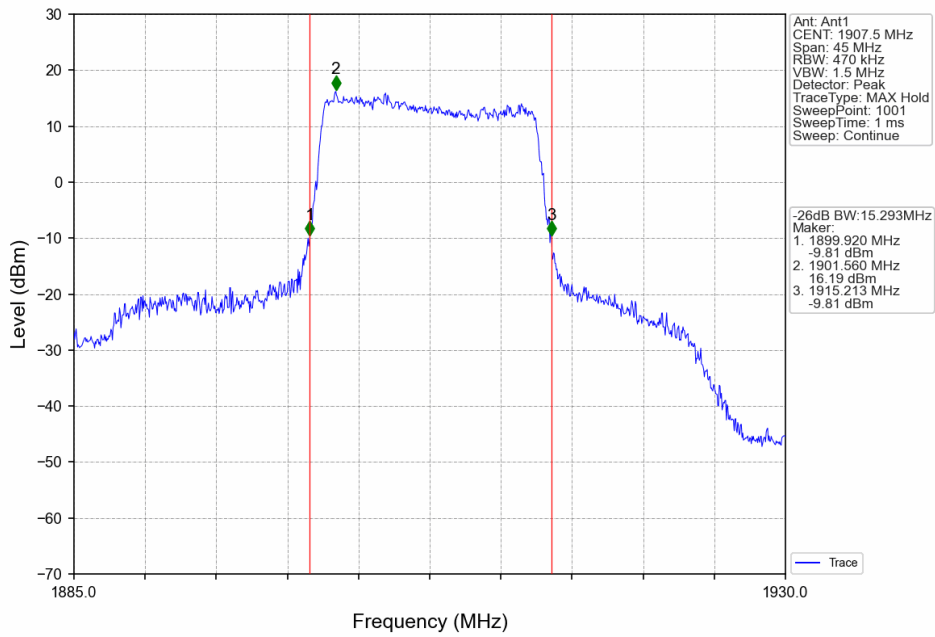
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



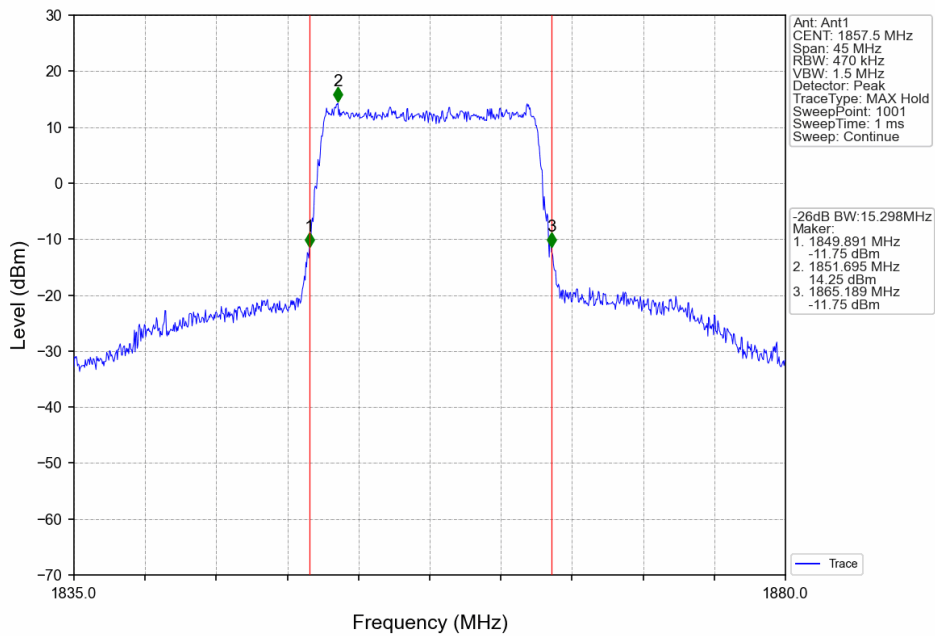
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



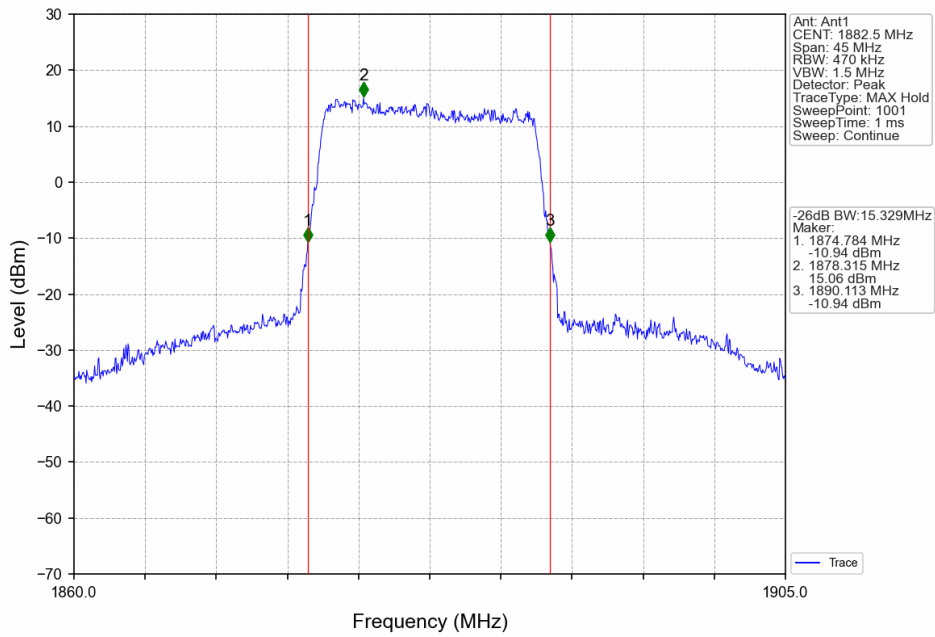
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



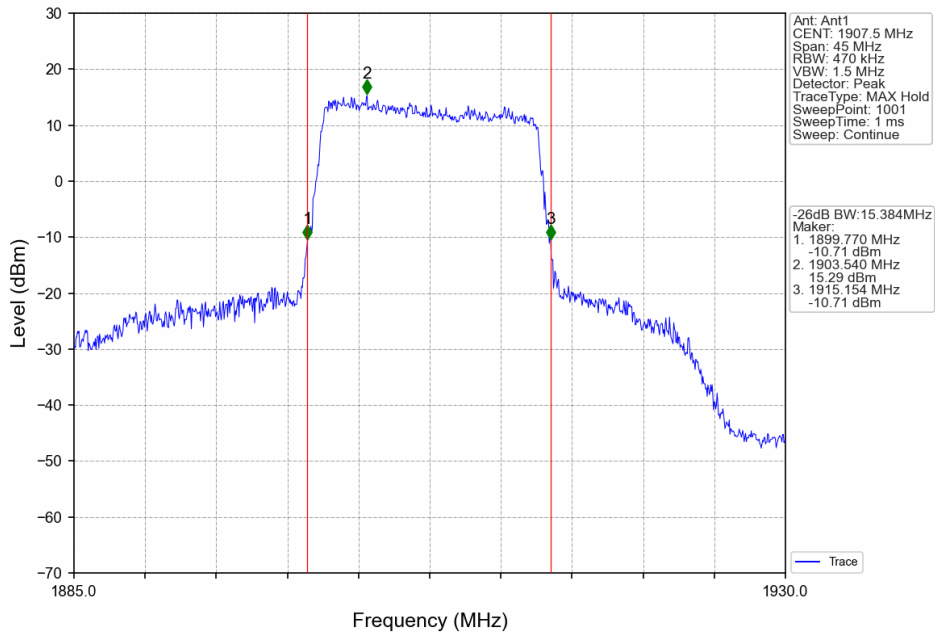
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



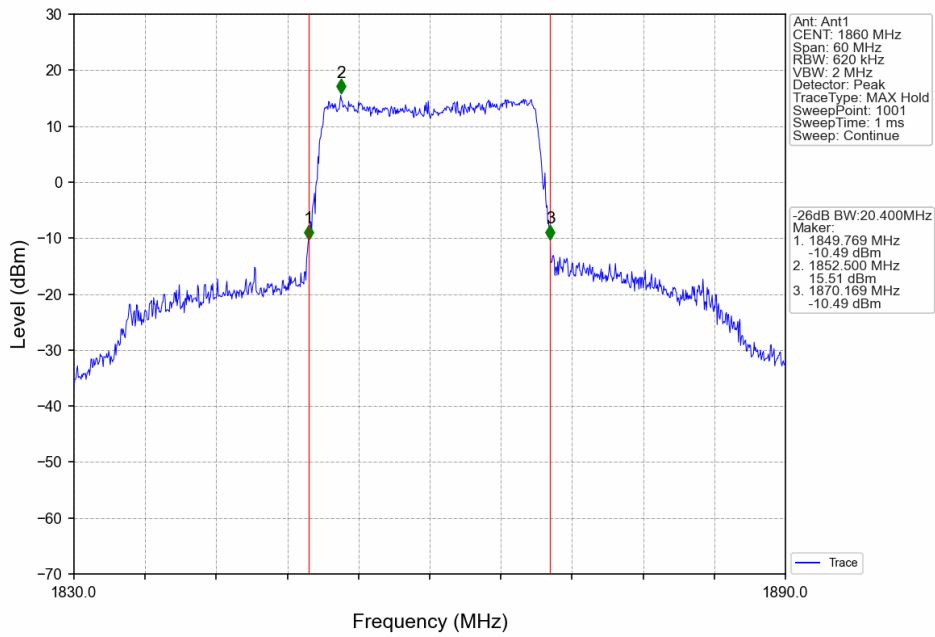
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



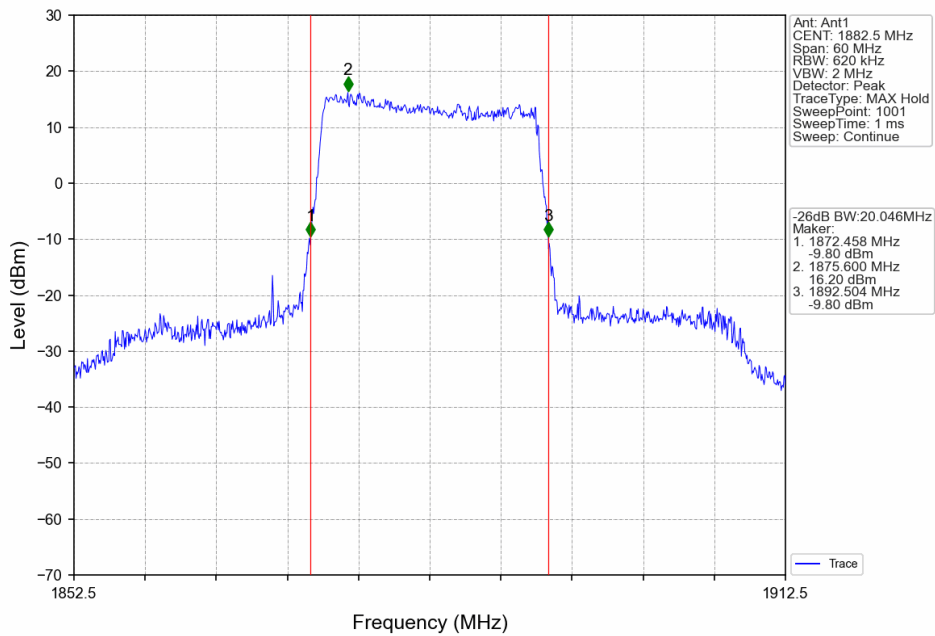
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



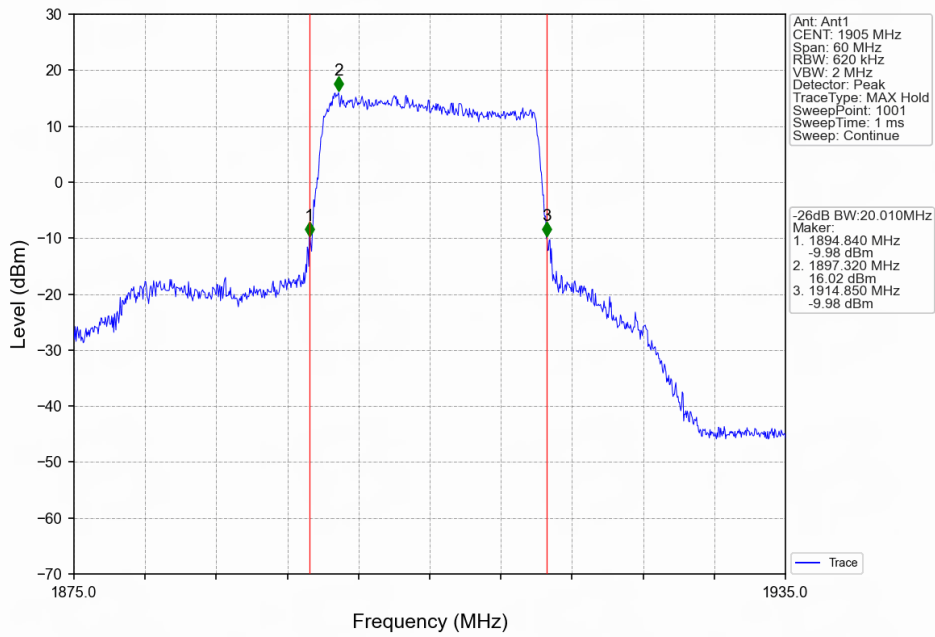
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



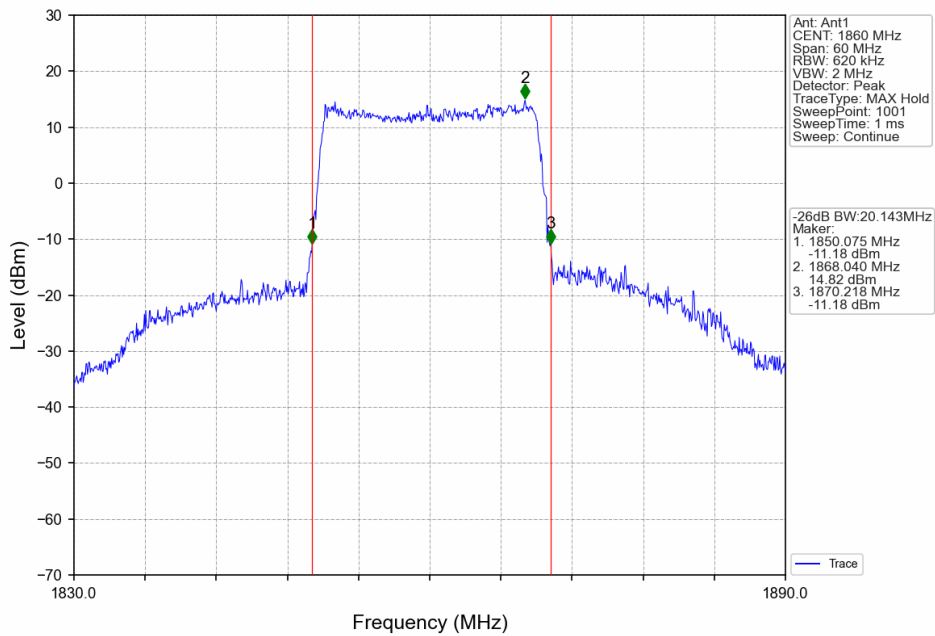
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



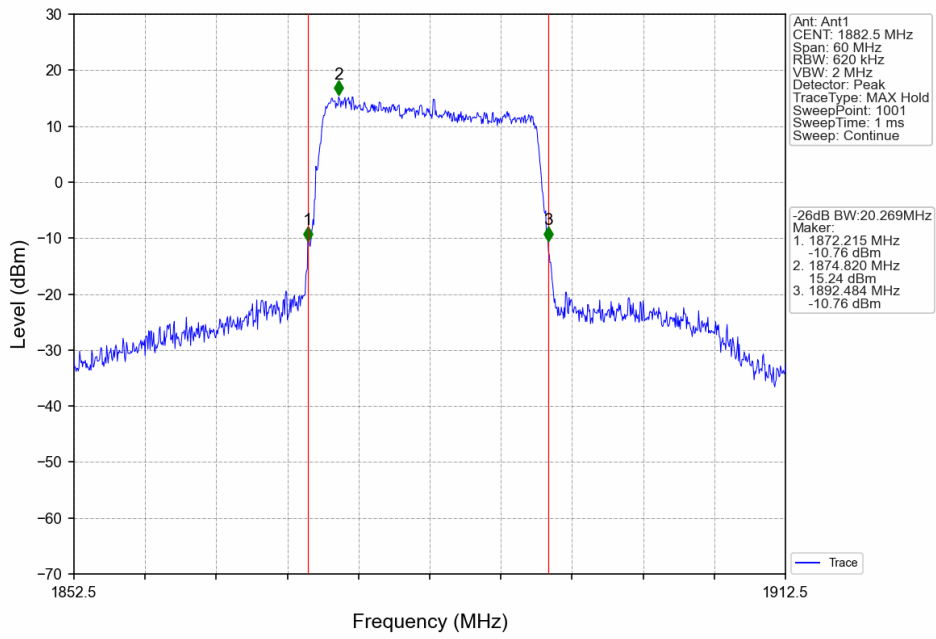
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



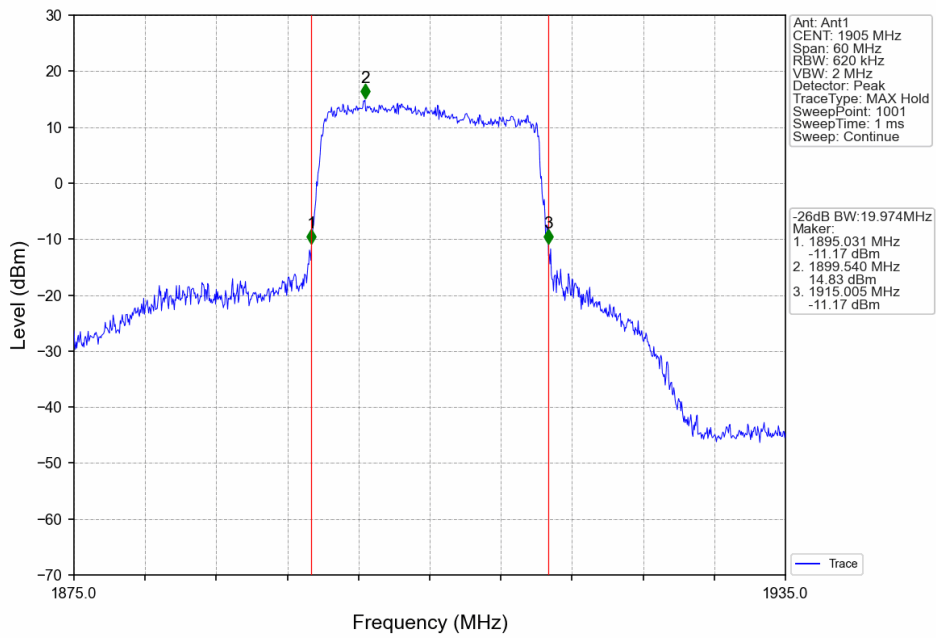
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



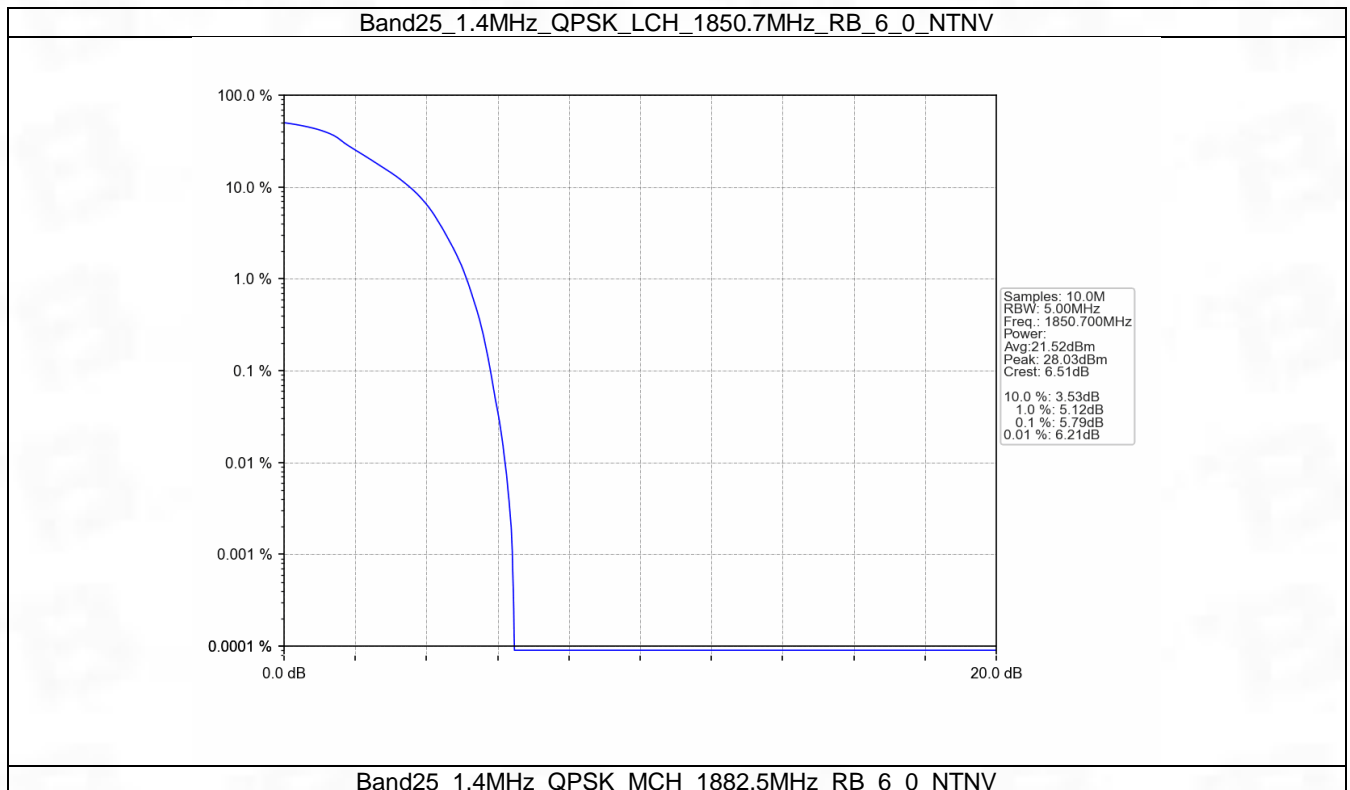
5. Peak-Average Ratio

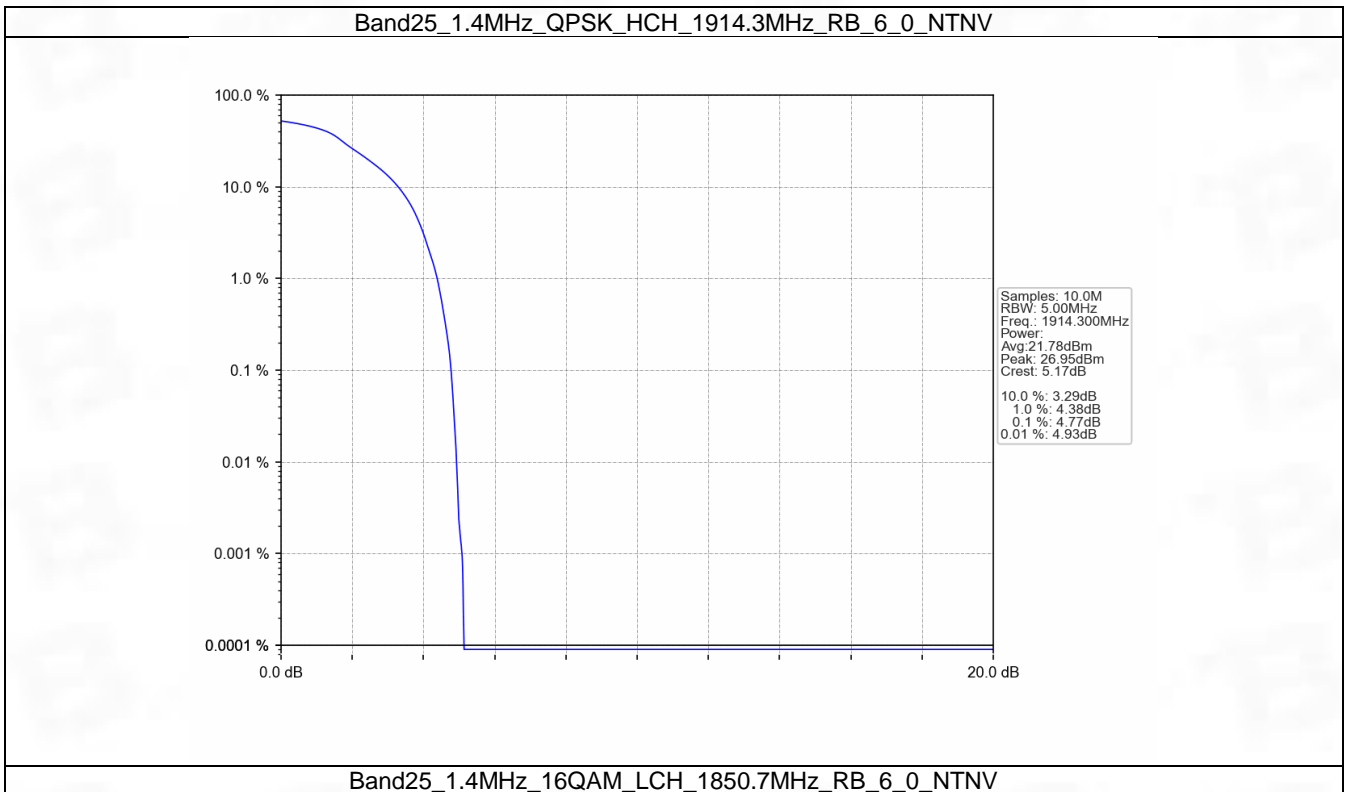
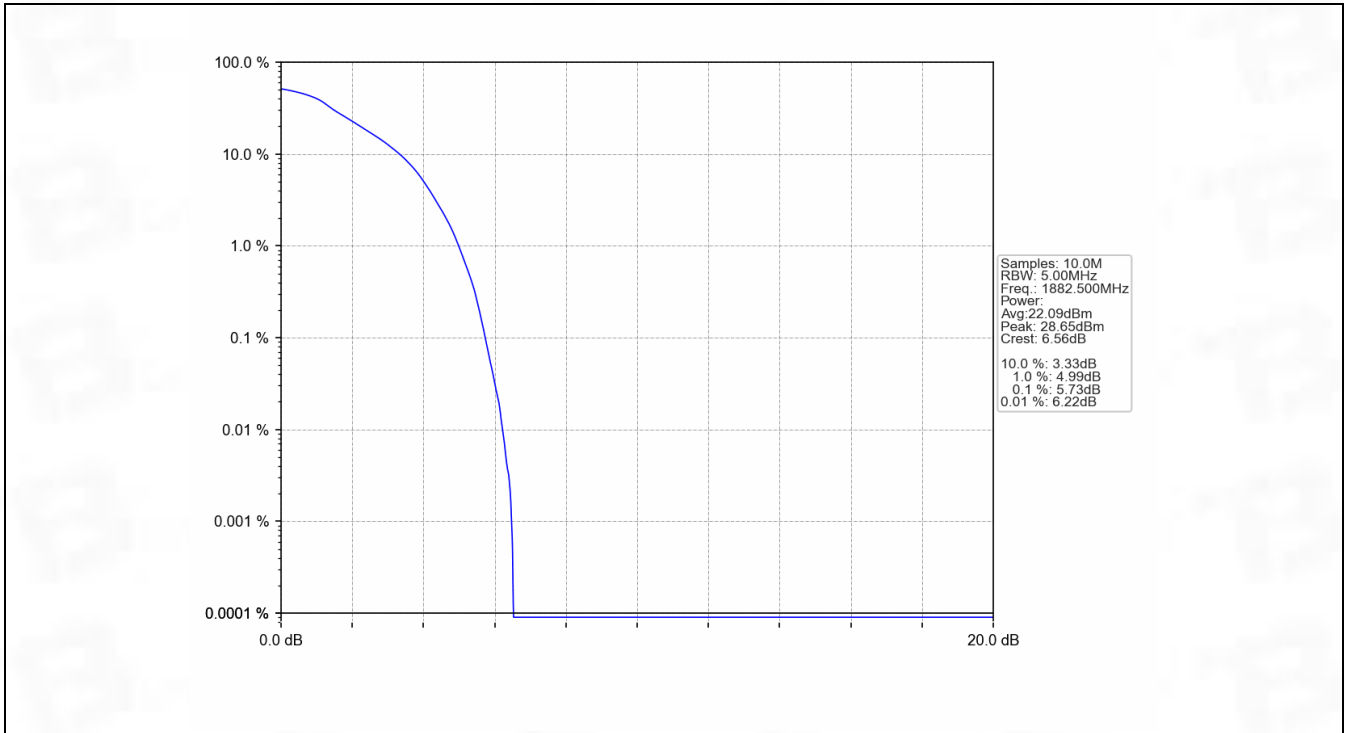
5.1 B25_1.4MHz

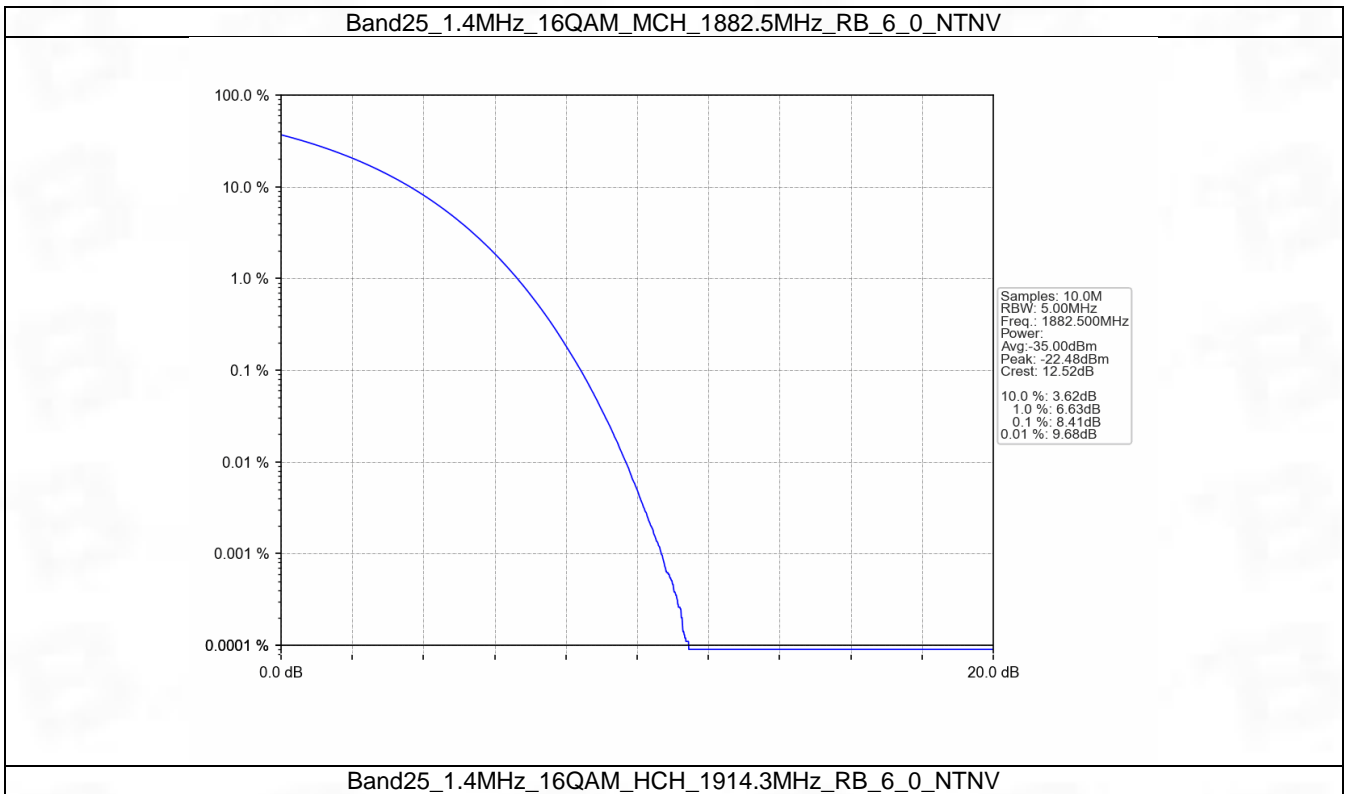
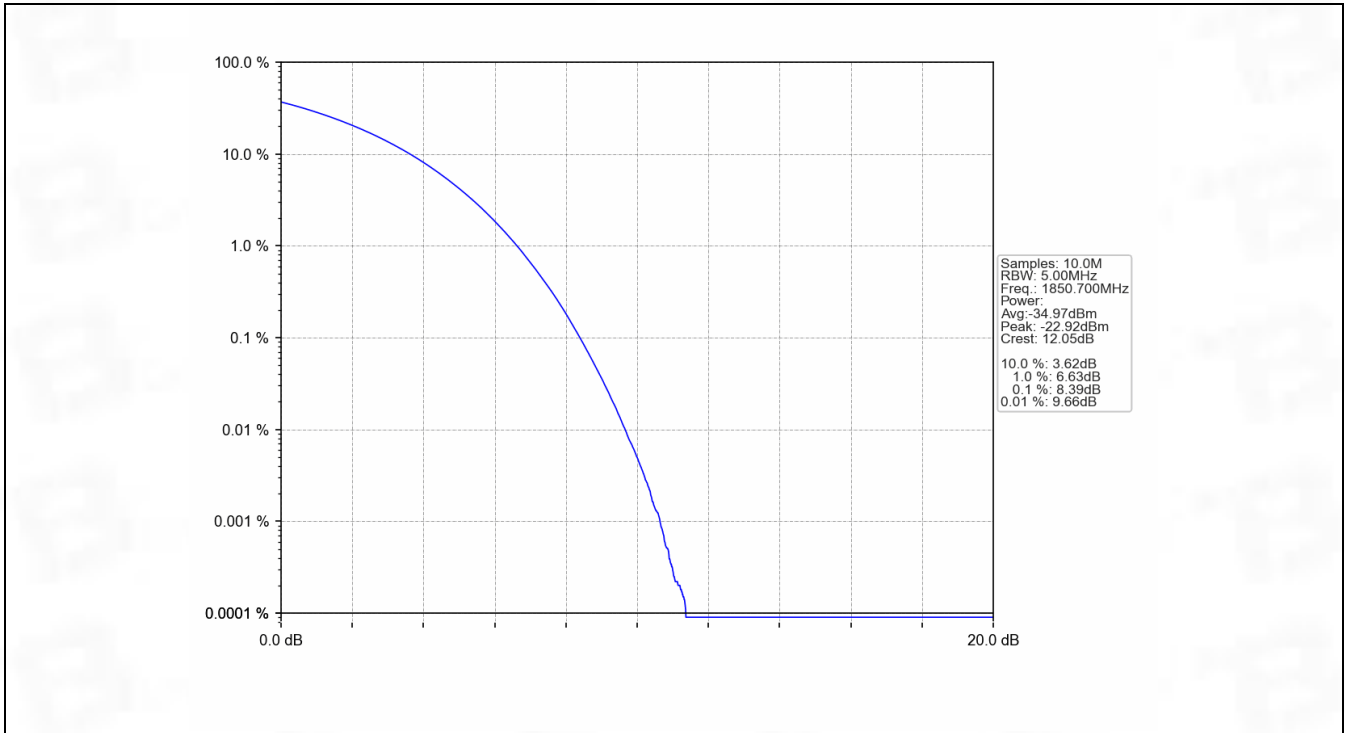
5.1.1 Test Result

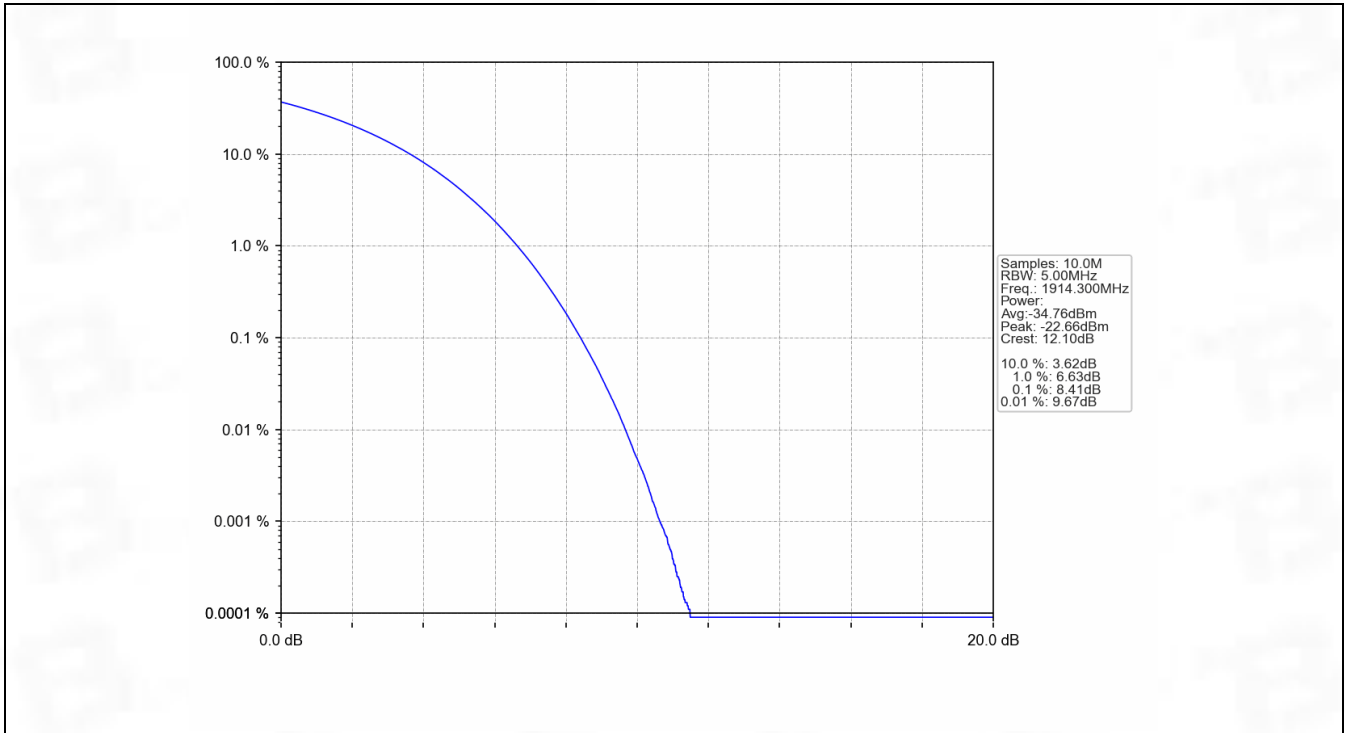
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.79	<=13	Pass
	1882.5	6	0	5.73	<=13	Pass
	1914.3	6	0	4.77	<=13	Pass
16QAM	1850.7	6	0	8.39	<=13	Pass
	1882.5	6	0	8.41	<=13	Pass
	1914.3	6	0	8.41	<=13	Pass

5.1.2 Test Graph









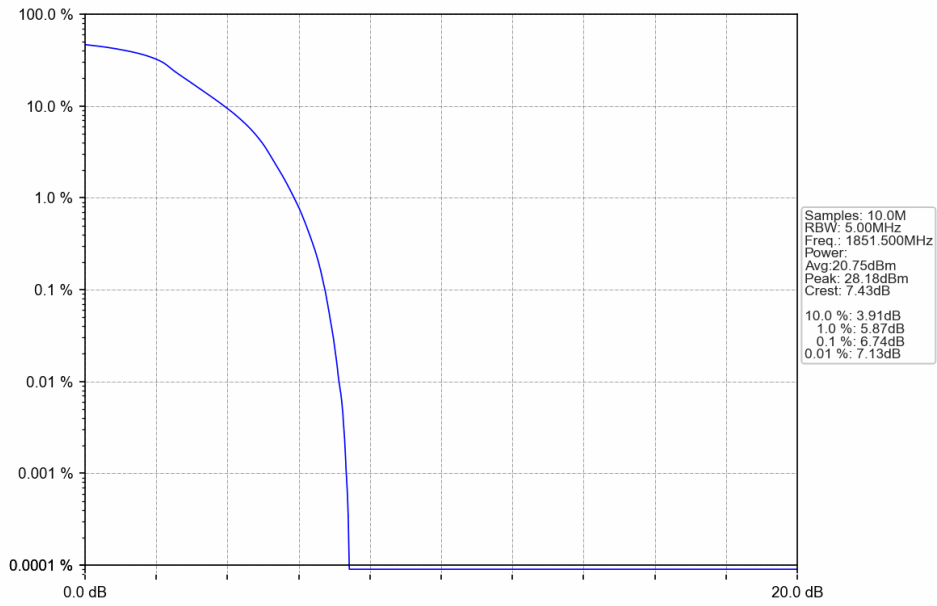
5.2 B25_3MHz

5.2.1 Test Result

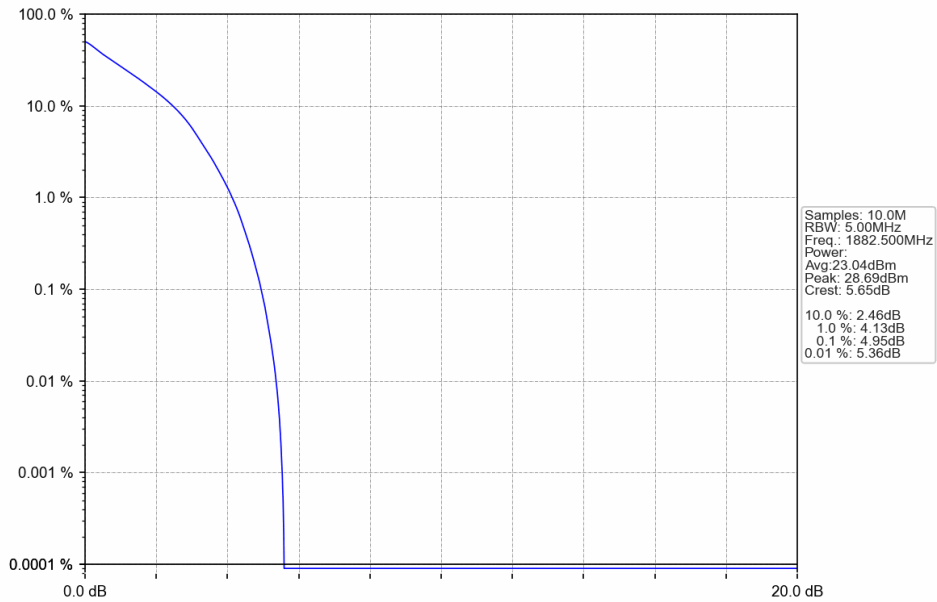
Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	6.74	<=13	Pass
	1882.5	15	0	4.95	<=13	Pass
	1913.5	15	0	5.54	<=13	Pass
16QAM	1851.5	15	0	9.44	<=13	Pass
	1882.5	15	0	8.41	<=13	Pass
	1913.5	15	0	7.19	<=13	Pass

5.2.2 Test Graph

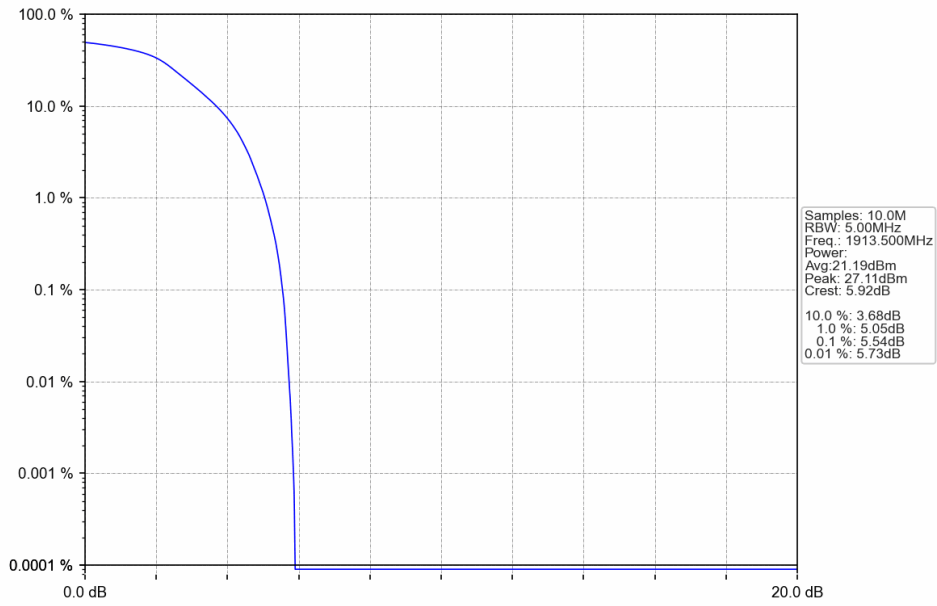
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTV



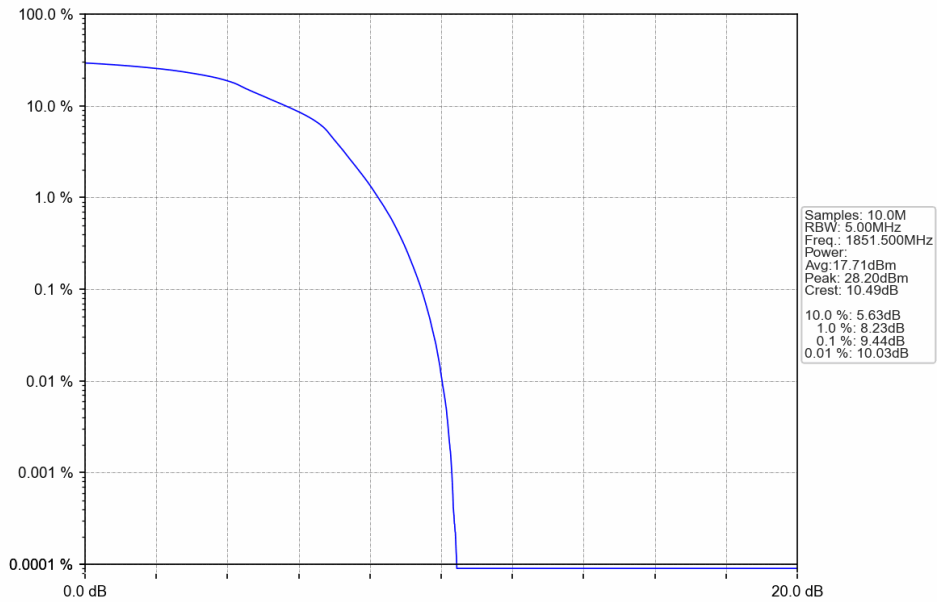
Band25_3MHz_QPSK_MCH_1851.500MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.500MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV