

1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	22.49	0.52	23.01	<=33.01	Pass		
			2	22.58	0.52	23.10	<=33.01	Pass		
			5	22.51	0.52	23.03	<=33.01	Pass		
		3	0	22.59	0.52	23.11	<=33.01	Pass		
			2	22.63	0.52	23.15	<=33.01	Pass		
			3	22.61	0.52	23.13	<=33.01	Pass		
		6	0	21.52	0.52	22.04	<=33.01	Pass		
		1882.5	1	0	21.74	0.52	22.26	<=33.01	Pass	
				2	21.86	0.52	22.38	<=33.01	Pass	
	5			21.70	0.52	22.22	<=33.01	Pass		
	3		0	21.85	0.52	22.37	<=33.01	Pass		
			2	21.88	0.52	22.40	<=33.01	Pass		
			3	21.82	0.52	22.34	<=33.01	Pass		
	6		0	20.80	0.52	21.32	<=33.01	Pass		
	1914.3		1	0	21.84	0.52	22.36	<=33.01	Pass	
				2	21.90	0.52	22.42	<=33.01	Pass	
		5		21.80	0.52	22.32	<=33.01	Pass		
		3	0	21.93	0.52	22.45	<=33.01	Pass		
			2	21.97	0.52	22.49	<=33.01	Pass		
			3	21.95	0.52	22.47	<=33.01	Pass		
		6	0	20.93	0.52	21.45	<=33.01	Pass		
		16QAM	1850.7	1	0	21.47	0.52	21.99	<=33.01	Pass
					2	21.29	0.52	21.81	<=33.01	Pass
	5				21.13	0.52	21.65	<=33.01	Pass	
3	0			21.20	0.52	21.72	<=33.01	Pass		
	2			21.19	0.52	21.71	<=33.01	Pass		
	3			21.19	0.52	21.71	<=33.01	Pass		
6	0			19.98	0.52	20.50	<=33.01	Pass		
1882.5	1			0	20.94	0.52	21.46	<=33.01	Pass	
				2	21.06	0.52	21.58	<=33.01	Pass	
			5	20.91	0.52	21.43	<=33.01	Pass		
	3		0	20.87	0.52	21.39	<=33.01	Pass		
			2	20.88	0.52	21.40	<=33.01	Pass		
			3	20.88	0.52	21.40	<=33.01	Pass		
	6		0	19.89	0.52	20.41	<=33.01	Pass		
	1914.3		1	0	20.92	0.52	21.44	<=33.01	Pass	
				2	20.99	0.52	21.51	<=33.01	Pass	
5				20.92	0.52	21.44	<=33.01	Pass		
3			0	21.00	0.52	21.52	<=33.01	Pass		
			2	21.03	0.52	21.55	<=33.01	Pass		
			3	20.98	0.52	21.50	<=33.01	Pass		
6			0	19.85	0.52	20.37	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	22.65	0.52	23.17	<=33.01	Pass		
			7	22.33	0.52	22.85	<=33.01	Pass		
			14	22.16	0.52	22.68	<=33.01	Pass		
		8	0	21.14	0.52	21.66	<=33.01	Pass		
			4	21.15	0.52	21.67	<=33.01	Pass		
			7	21.13	0.52	21.65	<=33.01	Pass		
		15	0	21.15	0.52	21.67	<=33.01	Pass		
		1882.5	1	0	21.90	0.52	22.42	<=33.01	Pass	
				7	22.04	0.52	22.56	<=33.01	Pass	
	14			21.86	0.52	22.38	<=33.01	Pass		
	8		0	20.92	0.52	21.44	<=33.01	Pass		
			4	21.01	0.52	21.53	<=33.01	Pass		
			7	20.92	0.52	21.44	<=33.01	Pass		
	15		0	20.90	0.52	21.42	<=33.01	Pass		
	1913.5		1	0	22.05	0.52	22.57	<=33.01	Pass	
				7	22.18	0.52	22.70	<=33.01	Pass	
		14		22.08	0.52	22.60	<=33.01	Pass		
		8	0	21.07	0.52	21.59	<=33.01	Pass		
			4	21.10	0.52	21.62	<=33.01	Pass		
			7	21.06	0.52	21.58	<=33.01	Pass		
		15	0	21.09	0.52	21.61	<=33.01	Pass		
		16QAM	1851.5	1	0	21.22	0.52	21.74	<=33.01	Pass
					7	21.33	0.52	21.85	<=33.01	Pass
	14				21.22	0.52	21.74	<=33.01	Pass	
8	0			20.20	0.52	20.72	<=33.01	Pass		
	4			20.22	0.52	20.74	<=33.01	Pass		
	7			20.21	0.52	20.73	<=33.01	Pass		
15	0			20.21	0.52	20.73	<=33.01	Pass		
1882.5	1			0	21.13	0.52	21.65	<=33.01	Pass	
				7	21.23	0.52	21.75	<=33.01	Pass	
			14	21.09	0.52	21.61	<=33.01	Pass		
	8		0	19.93	0.52	20.45	<=33.01	Pass		
			4	20.02	0.52	20.54	<=33.01	Pass		
			7	19.94	0.52	20.46	<=33.01	Pass		
	15		0	19.94	0.52	20.46	<=33.01	Pass		
	1913.5		1	0	21.14	0.52	21.66	<=33.01	Pass	
				7	-24.50	0.52	-23.98	<=33.01	Pass	
14				22.03	0.52	22.55	<=33.01	Pass		
8			0	20.75	0.52	21.27	<=33.01	Pass		
			4	20.78	0.52	21.30	<=33.01	Pass		
			7	20.77	0.52	21.29	<=33.01	Pass		
15			0	20.68	0.52	21.20	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.49	0.52	23.01	<=33.01	Pass		
			13	22.62	0.52	23.14	<=33.01	Pass		
			24	22.47	0.52	22.99	<=33.01	Pass		
		12	0	21.56	0.52	22.08	<=33.01	Pass		
			6	21.65	0.52	22.17	<=33.01	Pass		
			13	21.54	0.52	22.06	<=33.01	Pass		
		25	0	21.29	0.52	21.81	<=33.01	Pass		
		1882.5	1	0	21.75	0.52	22.27	<=33.01	Pass	
				13	21.87	0.52	22.39	<=33.01	Pass	
	24			21.76	0.52	22.28	<=33.01	Pass		
	12		0	20.89	0.52	21.41	<=33.01	Pass		
			6	20.91	0.52	21.43	<=33.01	Pass		
			13	20.79	0.52	21.31	<=33.01	Pass		
	25		0	20.83	0.52	21.35	<=33.01	Pass		
	1912.5		1	0	21.83	0.52	22.35	<=33.01	Pass	
				13	21.99	0.52	22.51	<=33.01	Pass	
		24		21.86	0.52	22.38	<=33.01	Pass		
		12	0	20.96	0.52	21.48	<=33.01	Pass		
			6	21.01	0.52	21.53	<=33.01	Pass		
			13	21.03	0.52	21.55	<=33.01	Pass		
		25	0	20.98	0.52	21.50	<=33.01	Pass		
		16QAM	1852.5	1	0	21.26	0.52	21.78	<=33.01	Pass
					13	21.25	0.52	21.77	<=33.01	Pass
	24				21.17	0.52	21.69	<=33.01	Pass	
12	0			20.10	0.52	20.62	<=33.01	Pass		
	6			20.13	0.52	20.65	<=33.01	Pass		
	13			20.01	0.52	20.53	<=33.01	Pass		
25	0			20.10	0.52	20.62	<=33.01	Pass		
1882.5	1			0	21.03	0.52	21.55	<=33.01	Pass	
				13	21.19	0.52	21.71	<=33.01	Pass	
			24	21.07	0.52	21.59	<=33.01	Pass		
	12		0	19.88	0.52	20.40	<=33.01	Pass		
			6	19.98	0.52	20.50	<=33.01	Pass		
			13	19.83	0.52	20.35	<=33.01	Pass		
	25		0	19.85	0.52	20.37	<=33.01	Pass		
	1912.5		1	0	20.74	0.52	21.26	<=33.01	Pass	
				13	20.87	0.52	21.39	<=33.01	Pass	
24				20.78	0.52	21.30	<=33.01	Pass		
12			0	19.97	0.52	20.49	<=33.01	Pass		
			6	20.04	0.52	20.56	<=33.01	Pass		
			13	20.03	0.52	20.55	<=33.01	Pass		
25			0	19.99	0.52	20.51	<=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	22.51	0.52	23.03	<=33.01	Pass		
			25	22.27	0.52	22.79	<=33.01	Pass		
			49	22.04	0.52	22.56	<=33.01	Pass		
		25	0	21.21	0.52	21.73	<=33.01	Pass		
			13	21.15	0.52	21.67	<=33.01	Pass		
			25	21.12	0.52	21.64	<=33.01	Pass		
		50	0	21.16	0.52	21.68	<=33.01	Pass		
		1882.5	1	0	21.78	0.52	22.30	<=33.01	Pass	
				25	22.01	0.52	22.53	<=33.01	Pass	
	49			21.76	0.52	22.28	<=33.01	Pass		
	25		0	21.01	0.52	21.53	<=33.01	Pass		
			13	20.93	0.52	21.45	<=33.01	Pass		
			25	20.81	0.52	21.33	<=33.01	Pass		
	50		0	20.94	0.52	21.46	<=33.01	Pass		
	1910		1	0	21.81	0.52	22.33	<=33.01	Pass	
				25	22.07	0.52	22.59	<=33.01	Pass	
		49		21.87	0.52	22.39	<=33.01	Pass		
		25	0	21.14	0.52	21.66	<=33.01	Pass		
			13	21.00	0.52	21.52	<=33.01	Pass		
			25	21.03	0.52	21.55	<=33.01	Pass		
		50	0	21.12	0.52	21.64	<=33.01	Pass		
		16QAM	1855	1	0	21.06	0.52	21.58	<=33.01	Pass
					25	21.28	0.52	21.80	<=33.01	Pass
	49				21.06	0.52	21.58	<=33.01	Pass	
25	0			20.31	0.52	20.83	<=33.01	Pass		
	13			20.27	0.52	20.79	<=33.01	Pass		
	25			20.19	0.52	20.71	<=33.01	Pass		
50	0			20.21	0.52	20.73	<=33.01	Pass		
1882.5	1			0	20.98	0.52	21.50	<=33.01	Pass	
				25	21.22	0.52	21.74	<=33.01	Pass	
			49	20.98	0.52	21.50	<=33.01	Pass		
	25		0	20.03	0.52	20.55	<=33.01	Pass		
			13	19.99	0.52	20.51	<=33.01	Pass		
			25	19.89	0.52	20.41	<=33.01	Pass		
	50		0	19.97	0.52	20.49	<=33.01	Pass		
	1910		1	0	21.39	0.52	21.91	<=33.01	Pass	
				25	21.67	0.52	22.19	<=33.01	Pass	
49				21.42	0.52	21.94	<=33.01	Pass		
25			0	20.26	0.52	20.78	<=33.01	Pass		
			13	20.11	0.52	20.63	<=33.01	Pass		
			25	20.10	0.52	20.62	<=33.01	Pass		
50			0	20.10	0.52	20.62	<=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	22.23	0.52	22.75	<=33.01	Pass		
			38	22.09	0.52	22.61	<=33.01	Pass		
			74	21.88	0.52	22.40	<=33.01	Pass		
		36	0	21.09	0.52	21.61	<=33.01	Pass		
			18	21.13	0.52	21.65	<=33.01	Pass		
			39	21.11	0.52	21.63	<=33.01	Pass		
		75	0	21.11	0.52	21.63	<=33.01	Pass		
		1882.5	1	0	21.69	0.52	22.21	<=33.01	Pass	
				38	21.84	0.52	22.36	<=33.01	Pass	
	74			21.62	0.52	22.14	<=33.01	Pass		
	36		0	20.96	0.52	21.48	<=33.01	Pass		
			18	20.87	0.52	21.39	<=33.01	Pass		
			39	20.79	0.52	21.31	<=33.01	Pass		
	75		0	20.89	0.52	21.41	<=33.01	Pass		
	1907.5		1	0	21.66	0.52	22.18	<=33.01	Pass	
				38	21.88	0.52	22.40	<=33.01	Pass	
		74		21.73	0.52	22.25	<=33.01	Pass		
		36	0	21.06	0.52	21.58	<=33.01	Pass		
			18	20.93	0.52	21.45	<=33.01	Pass		
			39	20.94	0.52	21.46	<=33.01	Pass		
		75	0	20.97	0.52	21.49	<=33.01	Pass		
		16QAM	1857.5	1	0	21.31	0.52	21.83	<=33.01	Pass
					38	21.50	0.52	22.02	<=33.01	Pass
	74				21.09	0.52	21.61	<=33.01	Pass	
36	0			20.03	0.52	20.55	<=33.01	Pass		
	18			20.06	0.52	20.58	<=33.01	Pass		
	39			20.03	0.52	20.55	<=33.01	Pass		
75	0			20.06	0.52	20.58	<=33.01	Pass		
1882.5	1			0	20.85	0.52	21.37	<=33.01	Pass	
				38	21.04	0.52	21.56	<=33.01	Pass	
			74	20.84	0.52	21.36	<=33.01	Pass		
	36		0	19.94	0.52	20.46	<=33.01	Pass		
			18	19.90	0.52	20.42	<=33.01	Pass		
			39	19.83	0.52	20.35	<=33.01	Pass		
	75		0	19.91	0.52	20.43	<=33.01	Pass		
	1907.5		1	0	21.09	0.52	21.61	<=33.01	Pass	
				38	21.50	0.52	22.02	<=33.01	Pass	
74				21.30	0.52	21.82	<=33.01	Pass		
36			0	20.01	0.52	20.53	<=33.01	Pass		
			18	19.98	0.52	20.50	<=33.01	Pass		
			39	19.92	0.52	20.44	<=33.01	Pass		
75			0	19.97	0.52	20.49	<=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	22.11	0.52	22.63	<=33.01	Pass		
			50	22.13	0.52	22.65	<=33.01	Pass		
			99	21.63	0.52	22.15	<=33.01	Pass		
		50	0	21.16	0.52	21.68	<=33.01	Pass		
			25	21.05	0.52	21.57	<=33.01	Pass		
			50	21.09	0.52	21.61	<=33.01	Pass		
		100	0	21.12	0.52	21.64	<=33.01	Pass		
		1882.5	1	0	21.55	0.52	22.07	<=33.01	Pass	
				50	21.99	0.52	22.51	<=33.01	Pass	
	99			21.52	0.52	22.04	<=33.01	Pass		
	50		0	20.98	0.52	21.50	<=33.01	Pass		
			25	20.89	0.52	21.41	<=33.01	Pass		
			50	20.76	0.52	21.28	<=33.01	Pass		
	100		0	20.90	0.52	21.42	<=33.01	Pass		
	1905		1	0	21.47	0.52	21.99	<=33.01	Pass	
				50	21.99	0.52	22.51	<=33.01	Pass	
		99		21.64	0.52	22.16	<=33.01	Pass		
		50	0	20.84	0.52	21.36	<=33.01	Pass		
			25	20.88	0.52	21.40	<=33.01	Pass		
			50	20.68	0.52	21.20	<=33.01	Pass		
		100	0	20.84	0.52	21.36	<=33.01	Pass		
		16QAM	1860	1	0	21.26	0.52	21.78	<=33.01	Pass
					50	21.70	0.52	22.22	<=33.01	Pass
	99				21.06	0.52	21.58	<=33.01	Pass	
50	0			20.17	0.52	20.69	<=33.01	Pass		
	25			20.06	0.52	20.58	<=33.01	Pass		
	50			20.06	0.52	20.58	<=33.01	Pass		
100	0			20.13	0.52	20.65	<=33.01	Pass		
1882.5	1			0	20.73	0.52	21.25	<=33.01	Pass	
				50	21.24	0.52	21.76	<=33.01	Pass	
			99	20.76	0.52	21.28	<=33.01	Pass		
	50		0	19.99	0.52	20.51	<=33.01	Pass		
			25	19.90	0.52	20.42	<=33.01	Pass		
			50	19.79	0.52	20.31	<=33.01	Pass		
	100		0	19.95	0.52	20.47	<=33.01	Pass		
	1905		1	0	20.74	0.52	21.26	<=33.01	Pass	
				50	21.26	0.52	21.78	<=33.01	Pass	
99				20.96	0.52	21.48	<=33.01	Pass		
50			0	19.84	0.52	20.36	<=33.01	Pass		
			25	19.91	0.52	20.43	<=33.01	Pass		
			50	19.68	0.52	20.20	<=33.01	Pass		
100			0	19.83	0.52	20.35	<=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	-7.296	-0.0039	-2.5 to 2.5	Pass			
					3.85	-6.309	-0.0034	-2.5 to 2.5	Pass			
					4.43	-19.913	-0.0108	-2.5 to 2.5	Pass			
				-30	3.85	-13.618	-0.0074	-2.5 to 2.5	Pass			
				-20	3.85	-12.388	-0.0067	-2.5 to 2.5	Pass			
				-10	3.85	-19.598	-0.0106	-2.5 to 2.5	Pass			
				0	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass			
				10	3.85	-15.779	-0.0085	-2.5 to 2.5	Pass			
				30	3.85	-10.958	-0.0059	-2.5 to 2.5	Pass			
				40	3.85	-15.793	-0.0085	-2.5 to 2.5	Pass			
				50	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass			
				1882.5	6	0	20	3.27	0.758	0.0004	-2.5 to 2.5	Pass
								3.85	0.830	0.0004	-2.5 to 2.5	Pass
								4.43	-18.811	-0.0100	-2.5 to 2.5	Pass
							-30	3.85	3.176	0.0017	-2.5 to 2.5	Pass
	-20	3.85	-4.148				-0.0022	-2.5 to 2.5	Pass			
	-10	3.85	1.974				0.0010	-2.5 to 2.5	Pass			
	0	3.85	-8.483				-0.0045	-2.5 to 2.5	Pass			
	10	3.85	-1.159				-0.0006	-2.5 to 2.5	Pass			
	30	3.85	-14.777				-0.0078	-2.5 to 2.5	Pass			
	40	3.85	-14.033				-0.0075	-2.5 to 2.5	Pass			
	50	3.85	2.418				0.0013	-2.5 to 2.5	Pass			
	1914.3	6	0				20	3.27	-2.232	-0.0012	-2.5 to 2.5	Pass
								3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
								4.43	-11.358	-0.0059	-2.5 to 2.5	Pass
							-30	3.85	-11.759	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0004	-2.5 to 2.5	Pass			
				-10	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass			
				0	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass			
				10	3.85	9.227	0.0048	-2.5 to 2.5	Pass			
30				3.85	-2.060	-0.0011	-2.5 to 2.5	Pass				
40				3.85	-5.064	-0.0026	-2.5 to 2.5	Pass				
50				3.85	-15.535	-0.0081	-2.5 to 2.5	Pass				
16QAM				1850.7	6	0	20	3.27	-14.262	-0.0077	-2.5 to 2.5	Pass
								3.85	1.988	0.0011	-2.5 to 2.5	Pass
								4.43	-2.003	-0.0011	-2.5 to 2.5	Pass
							-30	3.85	-10.228	-0.0055	-2.5 to 2.5	Pass
	-20	3.85	-15.006				-0.0081	-2.5 to 2.5	Pass			
	-10	3.85	-8.783				-0.0047	-2.5 to 2.5	Pass			
	0	3.85	-14.219				-0.0077	-2.5 to 2.5	Pass			
	10	3.85	-9.527				-0.0051	-2.5 to 2.5	Pass			
	30	3.85	7.668				0.0041	-2.5 to 2.5	Pass			
	40	3.85	-14.763				-0.0080	-2.5 to 2.5	Pass			
	50	3.85	-5.107				-0.0028	-2.5 to 2.5	Pass			

	1882.5	6	0	20	3.27	-16.851	-0.0090	-2.5 to 2.5	Pass
					3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-12.918	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.749	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-14.606	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-16.136	-0.0086	-2.5 to 2.5	Pass
	40	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass			
	50	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	1.945	0.0010	-2.5 to 2.5	Pass
					3.85	2.632	0.0014	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-6.981	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-14.291	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	7.696	0.0040	-2.5 to 2.5	Pass
				0	3.85	-13.161	-0.0069	-2.5 to 2.5	Pass
10				3.85	-11.673	-0.0061	-2.5 to 2.5	Pass	
30				3.85	3.805	0.0020	-2.5 to 2.5	Pass	
40	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass				
50	3.85	5.107	0.0027	-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	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	-10.943	-0.0059	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-8.311	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-8.826	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-14.019	-0.0076	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
	40	3.85	-13.862	-0.0075	-2.5 to 2.5	Pass			
	50	3.85	-12.589	-0.0068	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-10.214	-0.0054	-2.5 to 2.5	Pass
					3.85	-16.279	-0.0086	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	6.151	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-14.892	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	6.022	0.0032	-2.5 to 2.5	Pass
				0	3.85	-14.019	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-10.328	-0.0055	-2.5 to 2.5	Pass
	40	3.85	-13.375	-0.0071	-2.5 to 2.5	Pass			
	50	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	-7.639	-0.0040	-2.5 to 2.5	Pass

					3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-10.285	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	5.679	0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.483	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				40	3.85	1.831	0.0010	-2.5 to 2.5	Pass
50	3.85	-10.328	-0.0054	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-4.191	-0.0023	-2.5 to 2.5	Pass
					3.85	-17.395	-0.0094	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-8.240	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.967	-0.0038	-2.5 to 2.5	Pass
	40	3.85	-11.272	-0.0061	-2.5 to 2.5	Pass			
	50	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	-12.975	-0.0069	-2.5 to 2.5	Pass
					3.85	-9.642	-0.0051	-2.5 to 2.5	Pass
					4.43	-9.456	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-16.108	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
	40	3.85	-11.330	-0.0060	-2.5 to 2.5	Pass			
	50	3.85	-15.435	-0.0082	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	-8.984	-0.0047	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0014	-2.5 to 2.5	Pass
4.43					6.251	0.0033	-2.5 to 2.5	Pass	
-30				3.85	-16.479	-0.0086	-2.5 to 2.5	Pass	
-20				3.85	-0.143	-0.0001	-2.5 to 2.5	Pass	
-10				3.85	-12.059	-0.0063	-2.5 to 2.5	Pass	
0				3.85	-10.314	-0.0054	-2.5 to 2.5	Pass	
10				3.85	-5.121	-0.0027	-2.5 to 2.5	Pass	
30				3.85	-0.544	-0.0003	-2.5 to 2.5	Pass	
40	3.85	-14.863	-0.0078	-2.5 to 2.5	Pass				
50	3.85	8.883	0.0046	-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	-1.688	-0.0009	-2.5 to 2.5	Pass
							3.85	-7.510	-0.0041	-2.5 to 2.5	Pass

					4.43	0.544	0.0003	-2.5 to 2.5	Pass	
				-30	3.85	1.059	0.0006	-2.5 to 2.5	Pass	
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass	
				-10	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass	
				0	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass	
				10	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass	
				30	3.85	-14.992	-0.0081	-2.5 to 2.5	Pass	
				40	3.85	-7.310	-0.0039	-2.5 to 2.5	Pass	
				50	3.85	0.272	0.0001	-2.5 to 2.5	Pass	
	1882.5	25	0	20		3.27	-13.633	-0.0072	-2.5 to 2.5	Pass
						3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
						4.43	-10.929	-0.0058	-2.5 to 2.5	Pass
					-30	3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
					-20	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
					-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					0	3.85	-11.044	-0.0059	-2.5 to 2.5	Pass
					10	3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
					30	3.85	-18.582	-0.0099	-2.5 to 2.5	Pass
	40	3.85	-15.521	-0.0082	-2.5 to 2.5	Pass				
	50	3.85	-18.425	-0.0098	-2.5 to 2.5	Pass				
	1912.5	25	0	20		3.27	-4.964	-0.0026	-2.5 to 2.5	Pass
						3.85	0.343	0.0002	-2.5 to 2.5	Pass
						4.43	-10.357	-0.0054	-2.5 to 2.5	Pass
					-30	3.85	-8.082	-0.0042	-2.5 to 2.5	Pass
					-20	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
					-10	3.85	-13.261	-0.0069	-2.5 to 2.5	Pass
					0	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
10					3.85	-6.595	-0.0034	-2.5 to 2.5	Pass	
30					3.85	-2.303	-0.0012	-2.5 to 2.5	Pass	
40	3.85	-7.381	-0.0039	-2.5 to 2.5	Pass					
50	3.85	-9.570	-0.0050	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20		3.27	3.533	0.0019	-2.5 to 2.5	Pass
						3.85	-16.022	-0.0086	-2.5 to 2.5	Pass
						4.43	-6.680	-0.0036	-2.5 to 2.5	Pass
					-30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
					-20	3.85	-9.713	-0.0052	-2.5 to 2.5	Pass
					-10	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
					0	3.85	-12.202	-0.0066	-2.5 to 2.5	Pass
					10	3.85	4.234	0.0023	-2.5 to 2.5	Pass
					30	3.85	-11.430	-0.0062	-2.5 to 2.5	Pass
	40	3.85	-17.495	-0.0094	-2.5 to 2.5	Pass				
	50	3.85	-6.652	-0.0036	-2.5 to 2.5	Pass				
	1882.5	25	0	20		3.27	-3.347	-0.0018	-2.5 to 2.5	Pass
						3.85	-15.335	-0.0081	-2.5 to 2.5	Pass
						4.43	-6.323	-0.0034	-2.5 to 2.5	Pass
					-30	3.85	-17.638	-0.0094	-2.5 to 2.5	Pass
					-20	3.85	-2.403	-0.0013	-2.5 to 2.5	Pass
					-10	3.85	2.618	0.0014	-2.5 to 2.5	Pass
					0	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
					10	3.85	-9.484	-0.0050	-2.5 to 2.5	Pass
					30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
	40	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass				
	50	3.85	-21.672	-0.0115	-2.5 to 2.5	Pass				
	1912.5	25	0	20		3.27	-17.982	-0.0094	-2.5 to 2.5	Pass
						3.85	-8.984	-0.0047	-2.5 to 2.5	Pass

					4.43	2.632	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-13.518	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-11.859	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-8.283	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-15.507	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-16.408	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	2.532	0.0013	-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	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	-9.556	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-11.587	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-13.747	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-10.285	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				1882.5	50	0	20	3.27	-10.743
	3.85	-9.584	-0.0051					-2.5 to 2.5	Pass
	4.43	-10.614	-0.0056					-2.5 to 2.5	Pass
	-30	3.85	-4.663				-0.0025	-2.5 to 2.5	Pass
	-20	3.85	-3.076				-0.0016	-2.5 to 2.5	Pass
	-10	3.85	-8.769				-0.0047	-2.5 to 2.5	Pass
	0	3.85	-7.453				-0.0040	-2.5 to 2.5	Pass
	10	3.85	-13.146				-0.0070	-2.5 to 2.5	Pass
	30	3.85	-15.364				-0.0082	-2.5 to 2.5	Pass
	40	3.85	-4.678				-0.0025	-2.5 to 2.5	Pass
	50	3.85	-3.562				-0.0019	-2.5 to 2.5	Pass
	1910	50	0				20	3.27	-5.465
				3.85	-3.920	-0.0021		-2.5 to 2.5	Pass
				4.43	-5.221	-0.0027		-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-10.142	-0.0053	-2.5 to 2.5	Pass
				0	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
30				3.85	1.402	0.0007	-2.5 to 2.5	Pass	
40				3.85	-6.866	-0.0036	-2.5 to 2.5	Pass	
50				3.85	-12.631	-0.0066	-2.5 to 2.5	Pass	
16QAM				1855	50	0	20	3.27	-7.582
	3.85	-7.811	-0.0042					-2.5 to 2.5	Pass
	4.43	1.917	0.0010					-2.5 to 2.5	Pass

	1882.5	50	0	-30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass			
				-20	3.85	-3.991	-0.0022	-2.5 to 2.5	Pass			
				-10	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass			
				0	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass			
				10	3.85	-13.676	-0.0074	-2.5 to 2.5	Pass			
				30	3.85	3.848	0.0021	-2.5 to 2.5	Pass			
				40	3.85	0.658	0.0004	-2.5 to 2.5	Pass			
				50	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass			
				1910	50	0	20	3.27	-8.011	-0.0043	-2.5 to 2.5	Pass
	3.85	-4.520	-0.0024					-2.5 to 2.5	Pass			
	4.43	-12.288	-0.0065					-2.5 to 2.5	Pass			
	-30	3.85	-0.043				0.0000	-2.5 to 2.5	Pass			
	-20	3.85	-2.174				-0.0012	-2.5 to 2.5	Pass			
	-10	3.85	-0.358				-0.0002	-2.5 to 2.5	Pass			
	0	3.85	-8.183				-0.0043	-2.5 to 2.5	Pass			
	10	3.85	-2.675				-0.0014	-2.5 to 2.5	Pass			
	30	3.85	-13.618				-0.0072	-2.5 to 2.5	Pass			
	40	3.85	-9.542				-0.0051	-2.5 to 2.5	Pass			
	50	3.85	-13.003				-0.0069	-2.5 to 2.5	Pass			
	20	50	0				20	3.27	-3.090	-0.0016	-2.5 to 2.5	Pass
								3.85	1.073	0.0006	-2.5 to 2.5	Pass
								4.43	-9.212	-0.0048	-2.5 to 2.5	Pass
							-30	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
							-20	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
							-10	3.85	-11.258	-0.0059	-2.5 to 2.5	Pass
							0	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.799	-0.0051	-2.5 to 2.5	Pass			
30				3.85	-11.473	-0.0060	-2.5 to 2.5	Pass				
40	3.85	-12.589	-0.0066	-2.5 to 2.5	Pass							
50	3.85	-6.824	-0.0036	-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	-5.121	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				30	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0021	-2.5 to 2.5	Pass
				1882.5	75	0	20	3.27	-10.157
	3.85	-7.024	-0.0037					-2.5 to 2.5	Pass
	4.43	-13.490	-0.0072					-2.5 to 2.5	Pass
	-30	3.85	-7.596				-0.0040	-2.5 to 2.5	Pass

	1907.5	75	0	-20	3.85	-14.563	-0.0077	-2.5 to 2.5	Pass	
				-10	3.85	-13.661	-0.0073	-2.5 to 2.5	Pass	
				0	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass	
				10	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass	
				30	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass	
				40	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass	
				50	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass	
				20	3.27	-11.058	-0.0058	-2.5 to 2.5	Pass	
					3.85	-7.296	-0.0038	-2.5 to 2.5	Pass	
					4.43	-3.076	-0.0016	-2.5 to 2.5	Pass	
	-30	3.85	-10.014	-0.0052	-2.5 to 2.5	Pass				
	-20	3.85	-7.653	-0.0040	-2.5 to 2.5	Pass				
	-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass				
	0	3.85	-6.752	-0.0035	-2.5 to 2.5	Pass				
	10	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass				
	30	3.85	-5.951	-0.0031	-2.5 to 2.5	Pass				
	40	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass				
	50	3.85	-4.649	-0.0024	-2.5 to 2.5	Pass				
	16QAM	1857.5	75	0	20	3.27	-6.437	-0.0035	-2.5 to 2.5	Pass
						3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
4.43						-0.544	-0.0003	-2.5 to 2.5	Pass	
-30					3.85	-5.021	-0.0027	-2.5 to 2.5	Pass	
-20					3.85	-6.909	-0.0037	-2.5 to 2.5	Pass	
-10					3.85	-6.351	-0.0034	-2.5 to 2.5	Pass	
0					3.85	-8.640	-0.0047	-2.5 to 2.5	Pass	
10					3.85	-10.257	-0.0055	-2.5 to 2.5	Pass	
30					3.85	-5.336	-0.0029	-2.5 to 2.5	Pass	
40					3.85	-3.018	-0.0016	-2.5 to 2.5	Pass	
50		3.85	0.515	0.0003	-2.5 to 2.5	Pass				
1882.5		75	0	20	3.27	-11.759	-0.0062	-2.5 to 2.5	Pass	
					3.85	-14.563	-0.0077	-2.5 to 2.5	Pass	
					4.43	-7.839	-0.0042	-2.5 to 2.5	Pass	
				-30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass	
				-20	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass	
				-10	3.85	-11.230	-0.0060	-2.5 to 2.5	Pass	
				0	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass	
				10	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass	
				30	3.85	-11.129	-0.0059	-2.5 to 2.5	Pass	
	40			3.85	-1.903	-0.0010	-2.5 to 2.5	Pass		
50	3.85	1.202	0.0006	-2.5 to 2.5	Pass					
1907.5	75	0	20	3.27	-7.668	-0.0040	-2.5 to 2.5	Pass		
				3.85	-1.674	-0.0009	-2.5 to 2.5	Pass		
				4.43	-0.987	-0.0005	-2.5 to 2.5	Pass		
			-30	3.85	-5.994	-0.0031	-2.5 to 2.5	Pass		
			-20	3.85	-2.732	-0.0014	-2.5 to 2.5	Pass		
			-10	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass		
			0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass		
			10	3.85	-8.240	-0.0043	-2.5 to 2.5	Pass		
			30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass		
			40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass		
50	3.85	-4.478	-0.0023	-2.5 to 2.5	Pass					

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	-9.098	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.582	-0.0041	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
	40	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass			
	50	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-8.225	-0.0044	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-8.440	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.514	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-10.657	-0.0057	-2.5 to 2.5	Pass
	40	3.85	-3.862	-0.0021	-2.5 to 2.5	Pass			
	50	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-4.020	-0.0021	-2.5 to 2.5	Pass
					3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
					4.43	-9.527	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
-10				3.85	-6.251	-0.0033	-2.5 to 2.5	Pass	
0				3.85	-14.834	-0.0078	-2.5 to 2.5	Pass	
10				3.85	-12.875	-0.0068	-2.5 to 2.5	Pass	
30				3.85	-10.300	-0.0054	-2.5 to 2.5	Pass	
40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass				
50	3.85	-12.159	-0.0064	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-4.449	-0.0024	-2.5 to 2.5	Pass
					3.85	1.688	0.0009	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-12.574	-0.0068	-2.5 to 2.5	Pass
				0	3.85	3.834	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
	40	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass			
	50	3.85	-5.879	-0.0032	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	3.319	0.0018	-2.5 to 2.5	Pass
					3.85	-14.105	-0.0075	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-11.072	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass

				-10	3.85	-11.830	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-9.012	-0.0047	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-13.633	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0001	-2.5 to 2.5	Pass

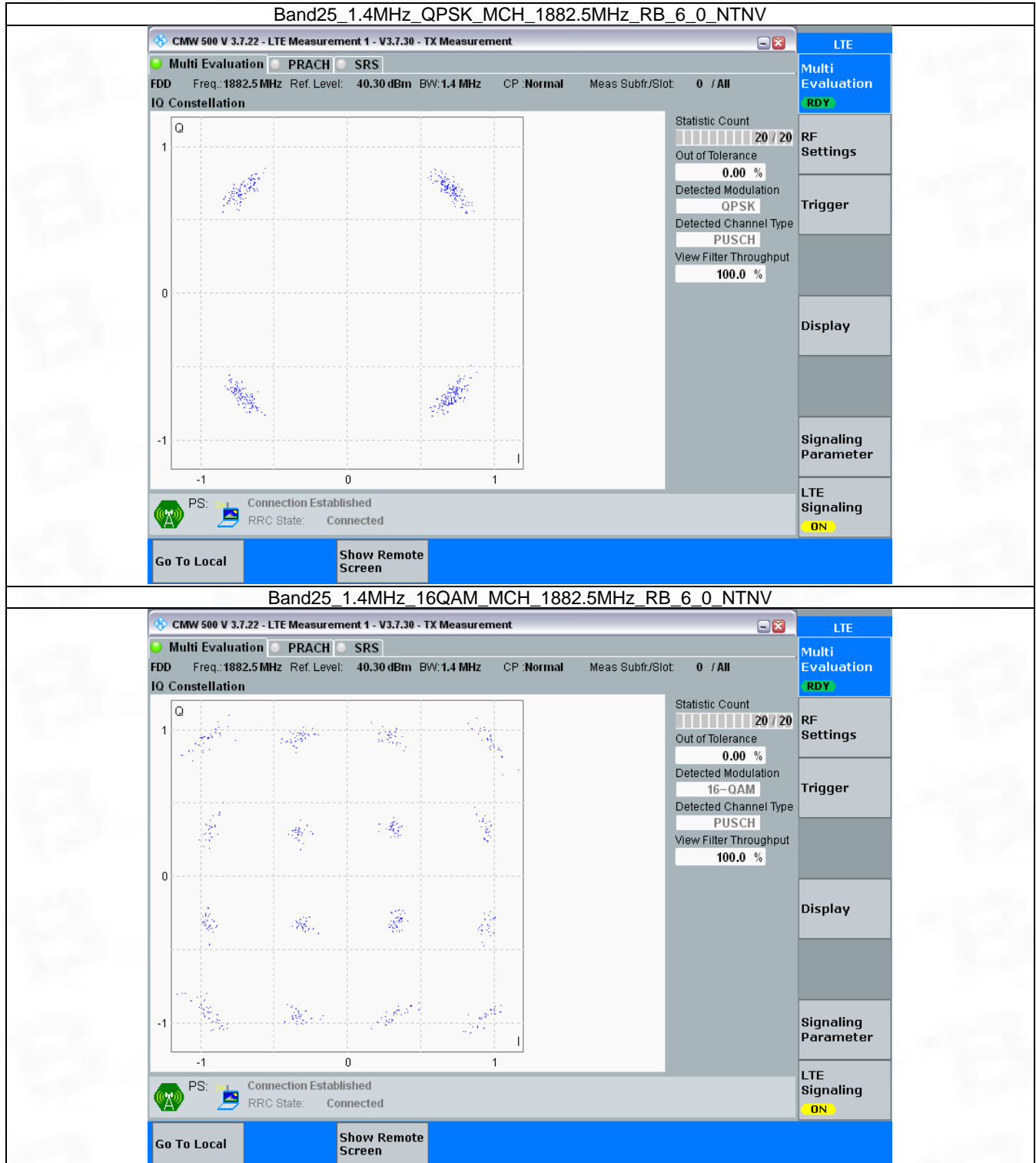
3. Modulation Characteristics

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

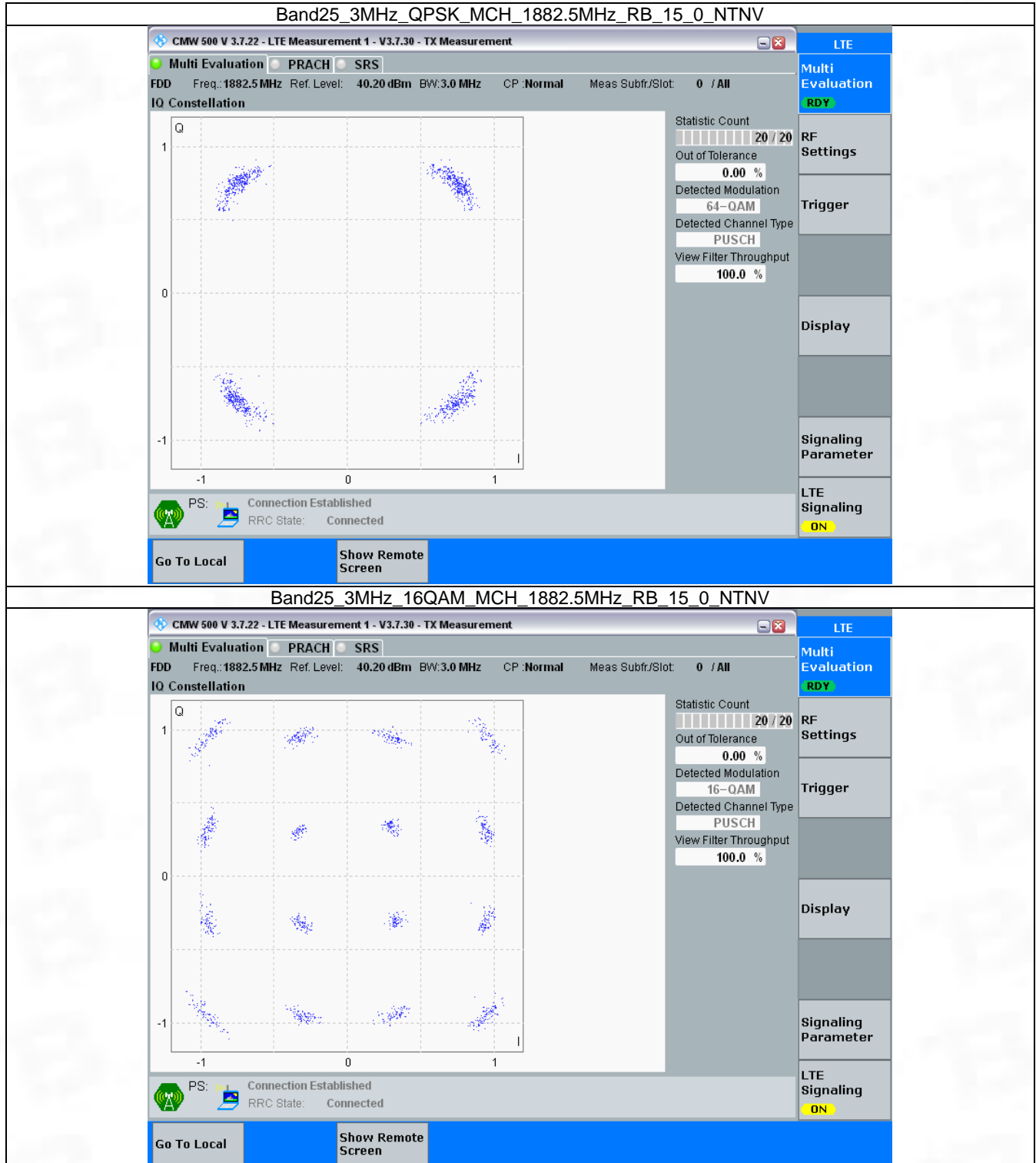


3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / 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



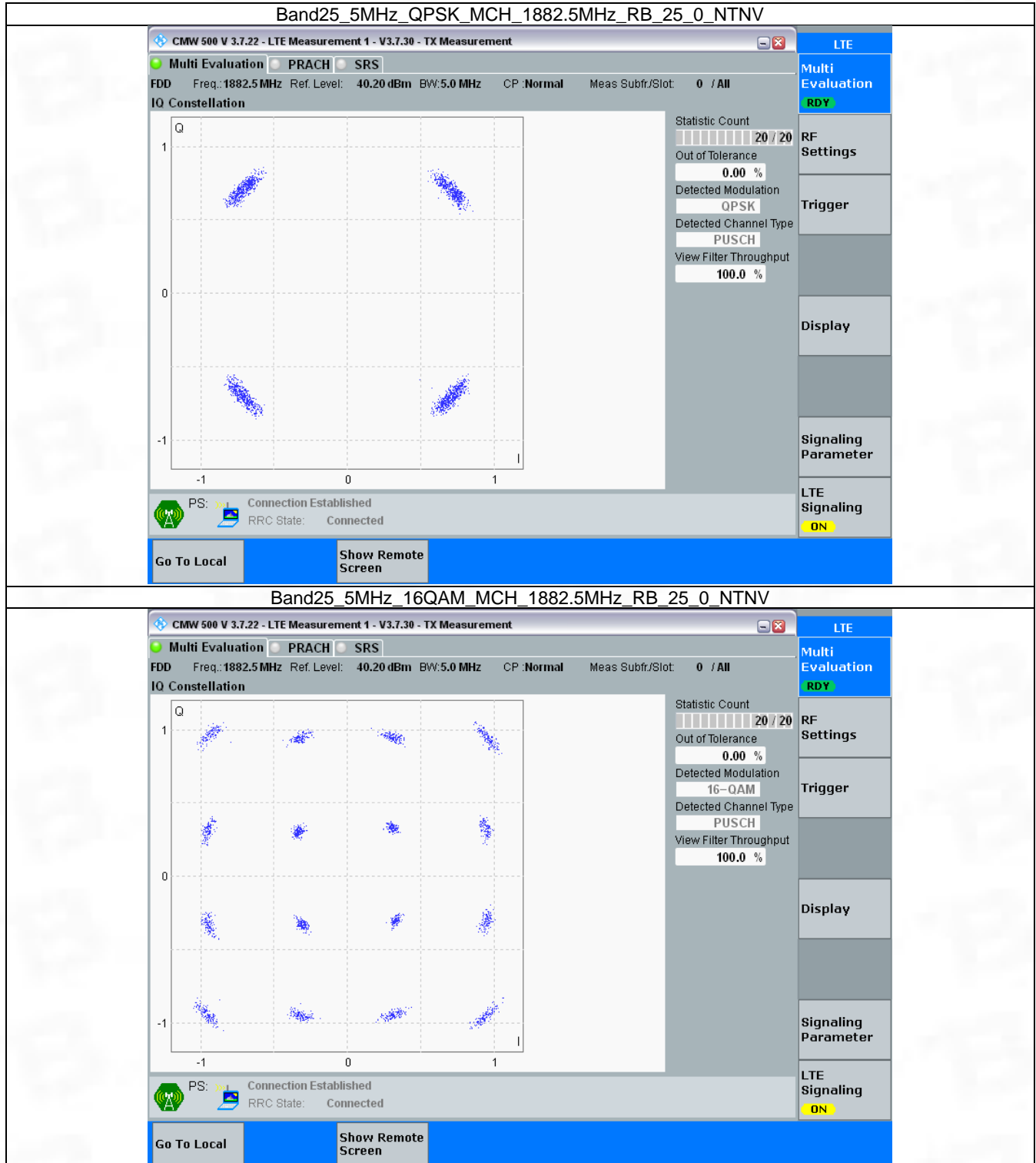


3.3 B25_5MHz

3.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / 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



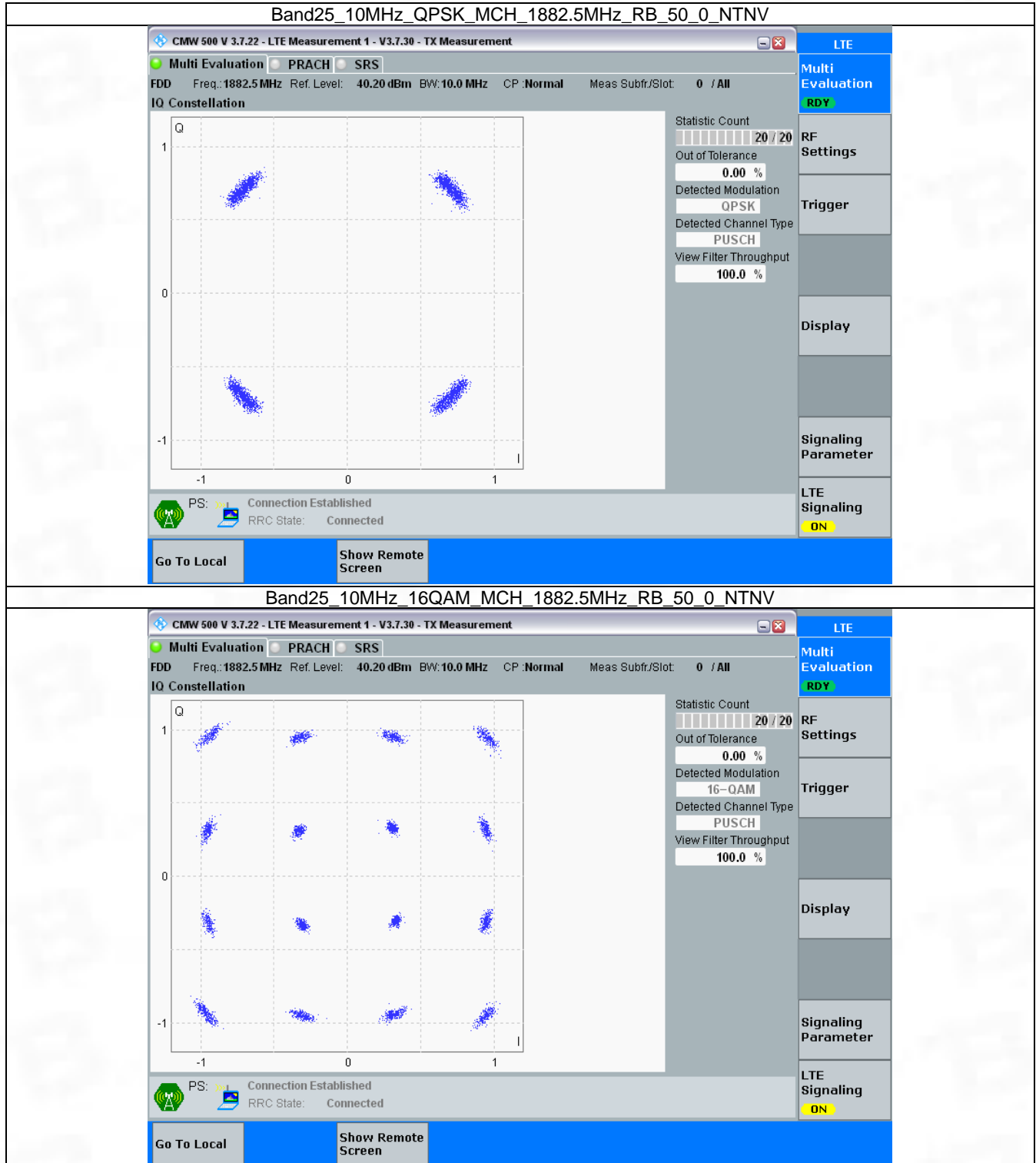


3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / 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



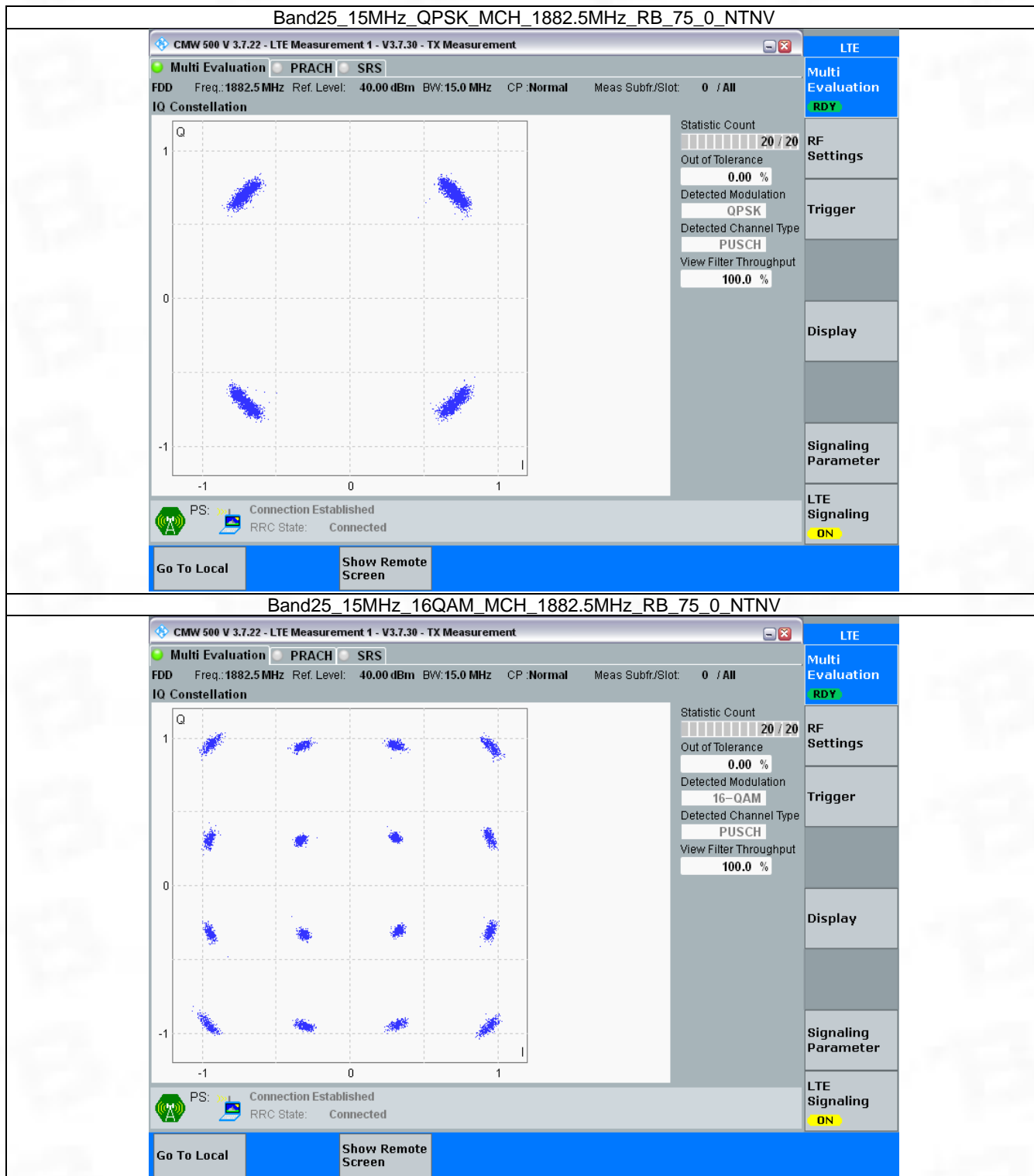


3.5 B25_15MHz

3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTN						
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



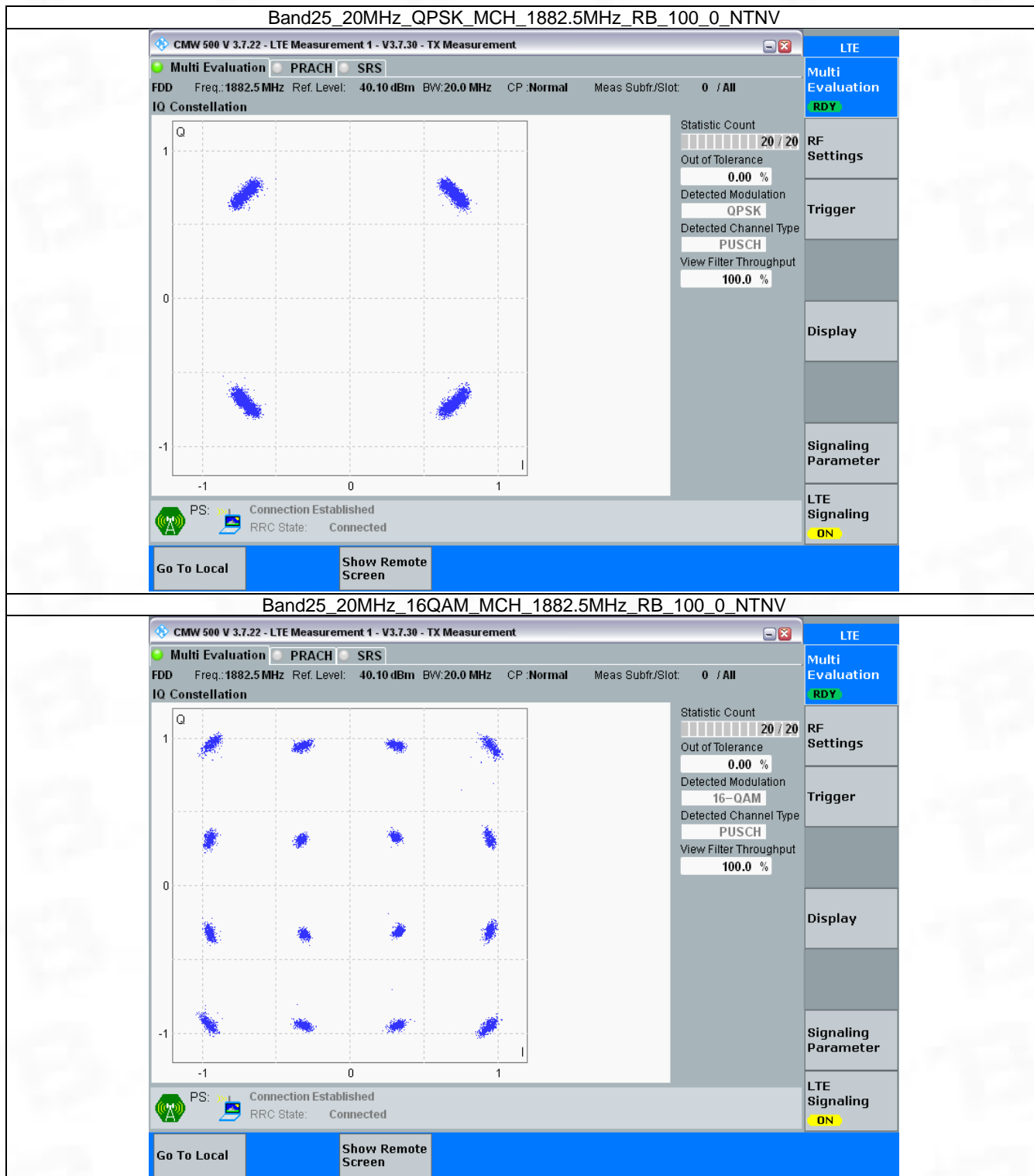


3.6 B25_20MHz

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



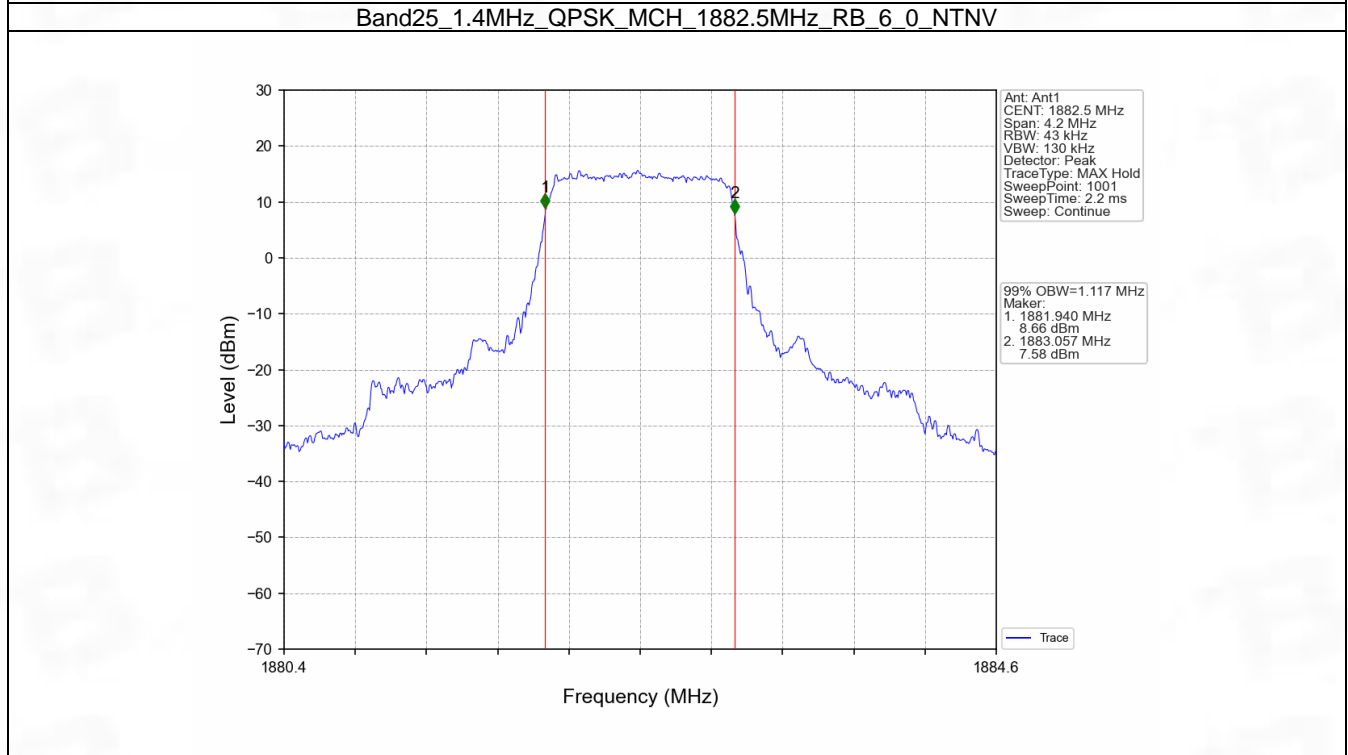
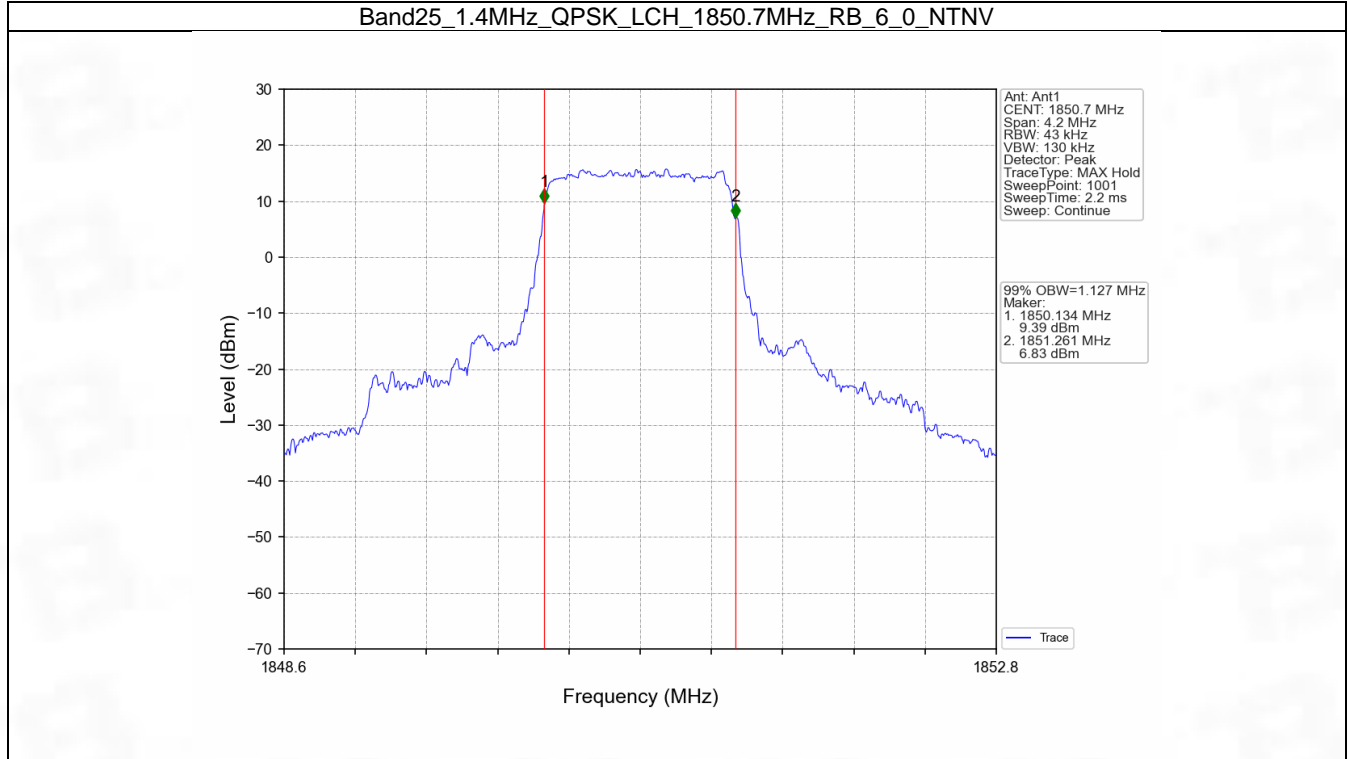
4. 99% & 26dB Bandwidth

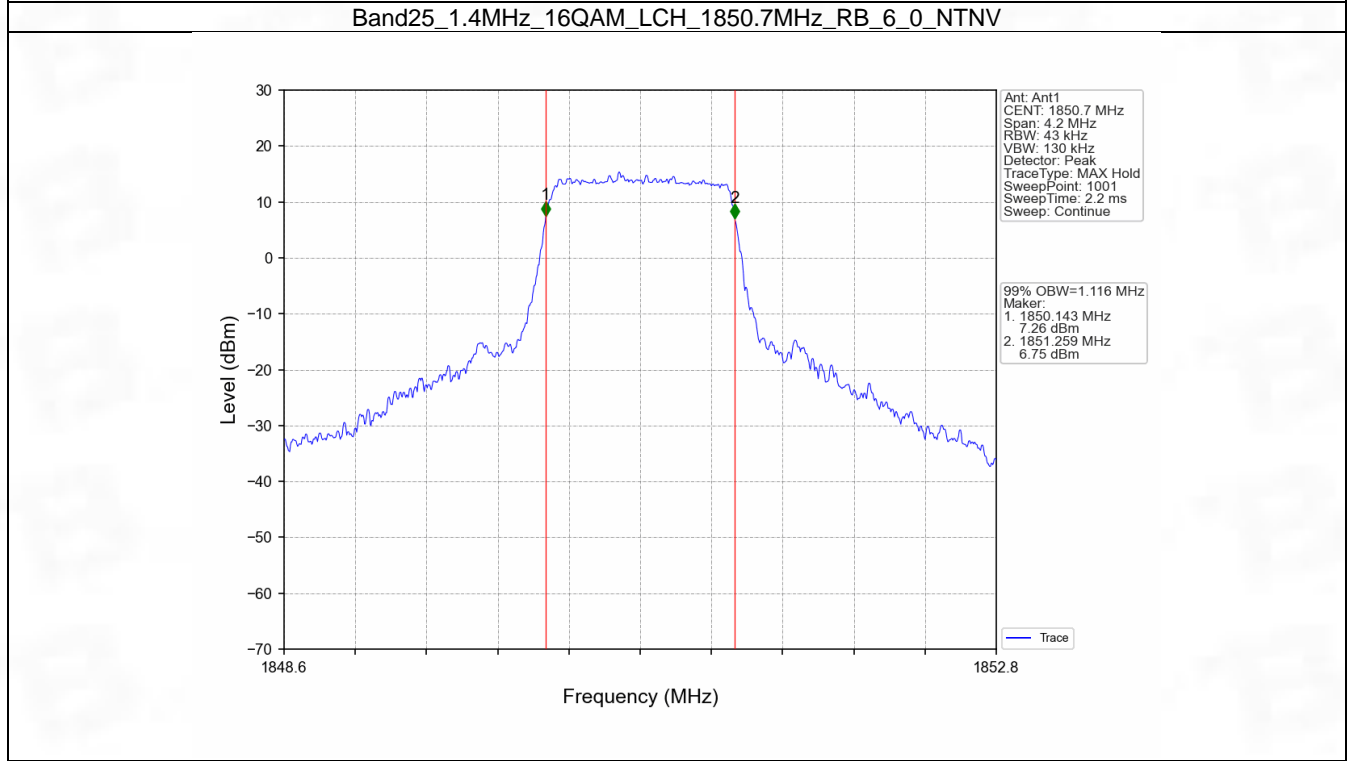
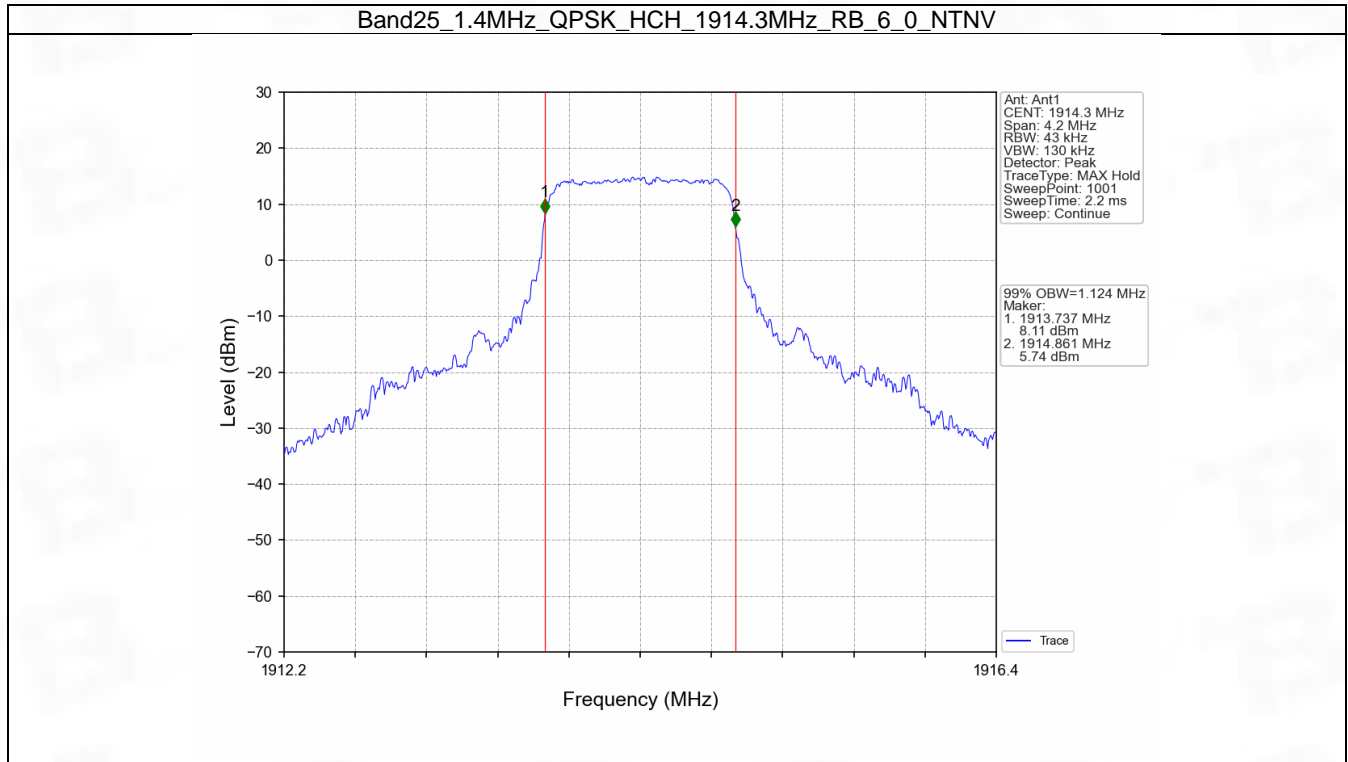
4.1 Band25_OBW

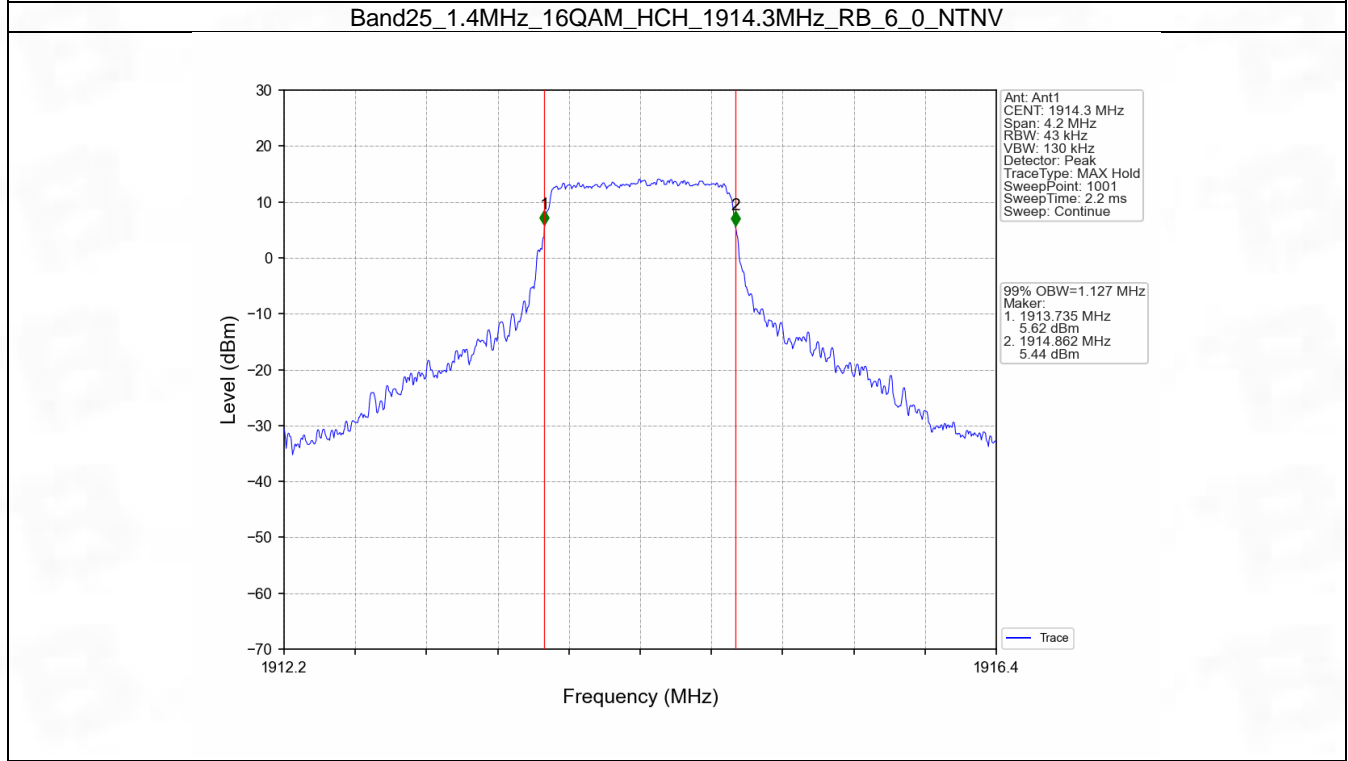
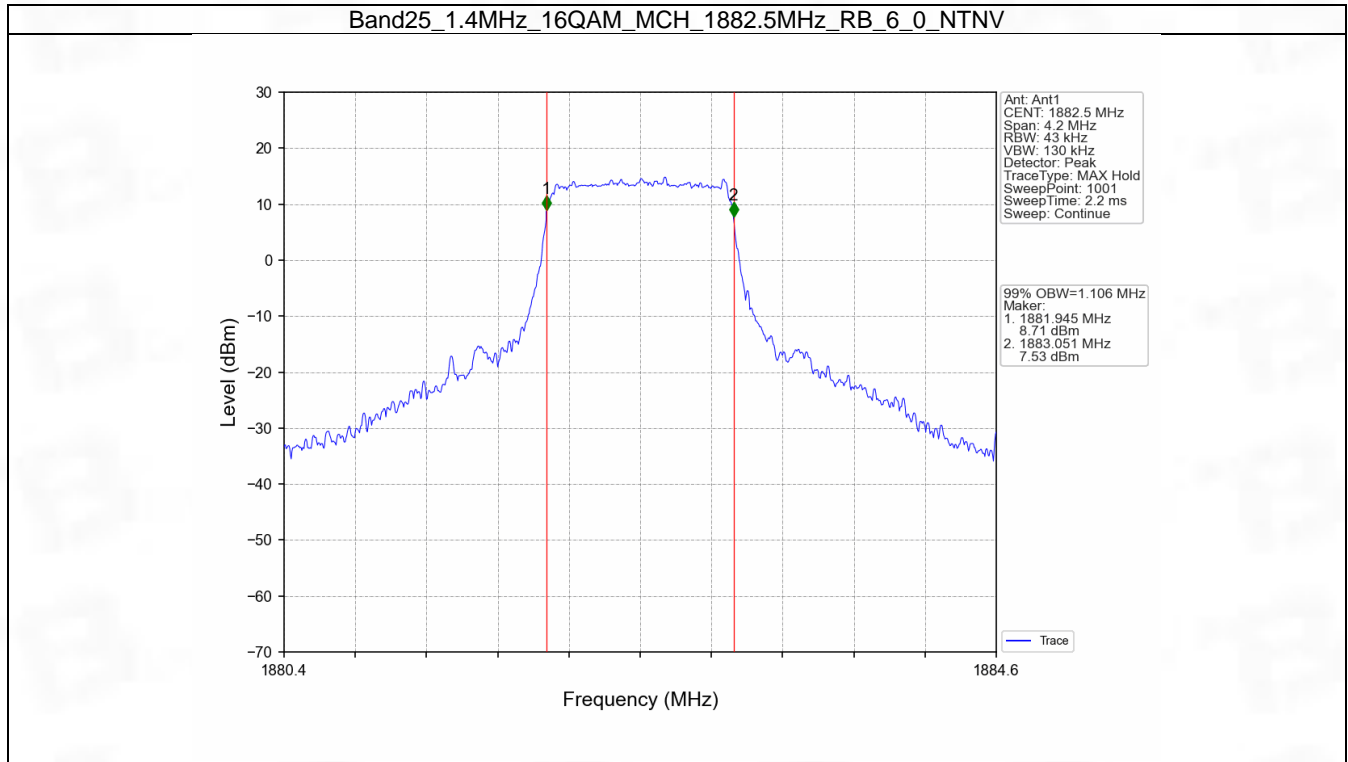
4.1.1 Test Result

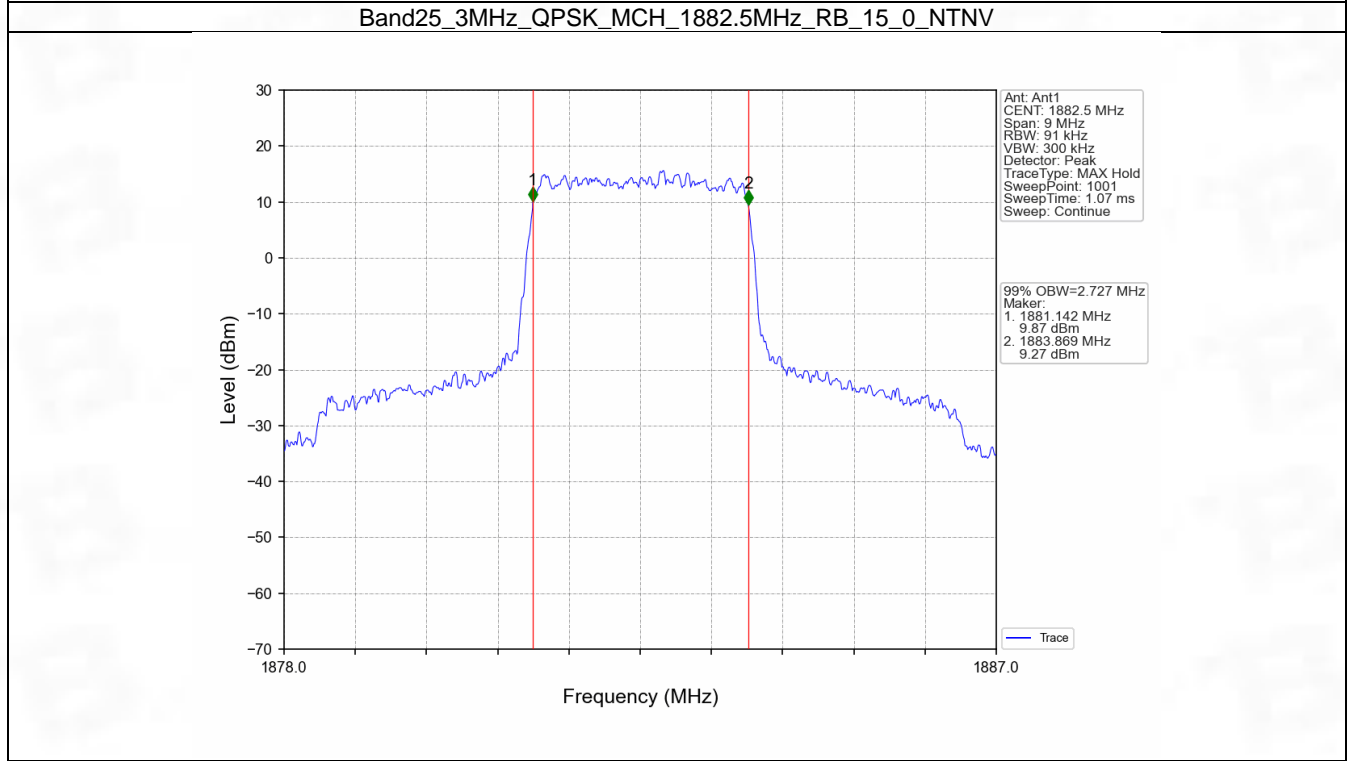
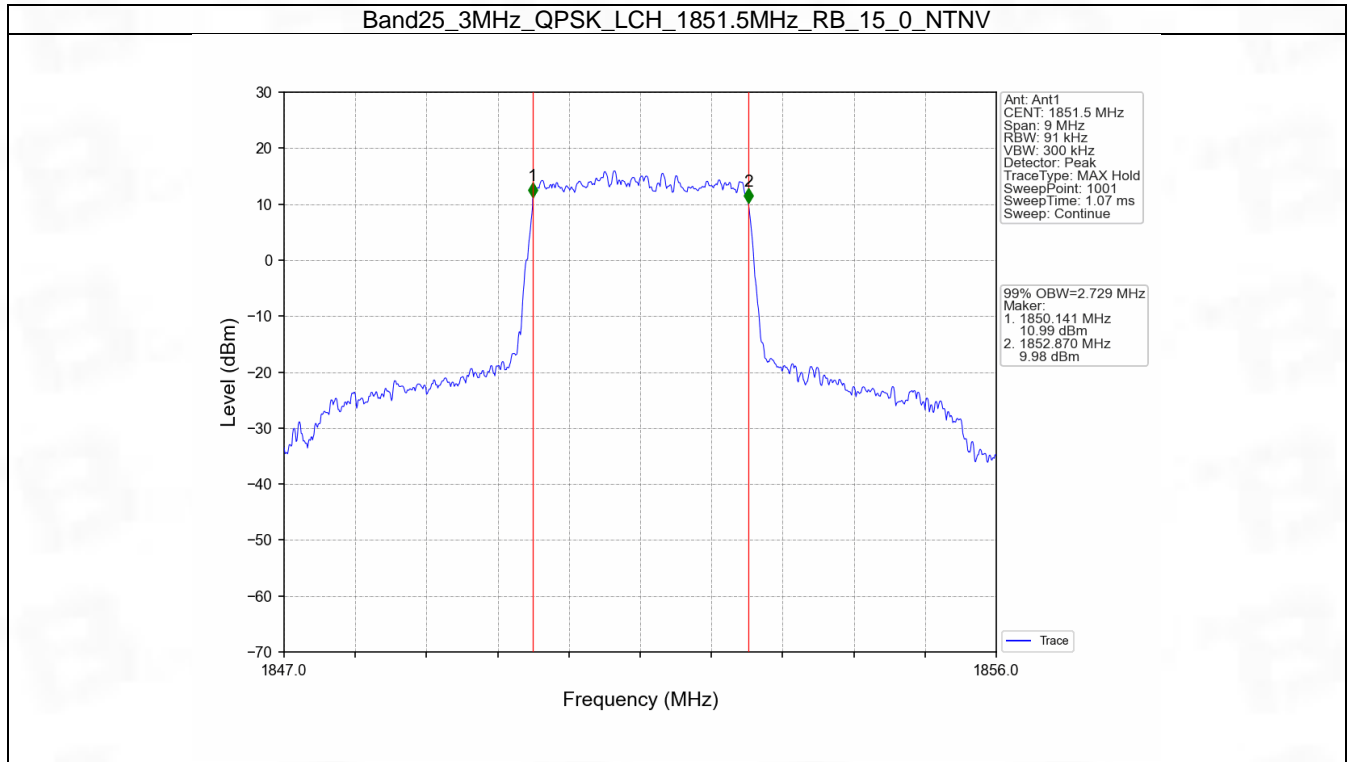
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.127	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.124	Pass
	16QAM	1850.7	6	0	1.116	Pass
		1882.5	6	0	1.106	Pass
		1914.3	6	0	1.127	Pass
3	QPSK	1851.5	15	0	2.729	Pass
		1882.5	15	0	2.727	Pass
		1913.5	15	0	2.736	Pass
	16QAM	1851.5	15	0	2.724	Pass
		1882.5	15	0	2.728	Pass
		1913.5	15	0	2.725	Pass
5	QPSK	1852.5	25	0	4.569	Pass
		1882.5	25	0	4.575	Pass
		1912.5	25	0	4.595	Pass
	16QAM	1852.5	25	0	4.573	Pass
		1882.5	25	0	4.592	Pass
		1912.5	25	0	4.568	Pass
10	QPSK	1855	50	0	9.085	Pass
		1882.5	50	0	9.076	Pass
		1910	50	0	9.100	Pass
	16QAM	1855	50	0	9.079	Pass
		1882.5	50	0	9.073	Pass
		1910	50	0	9.113	Pass
15	QPSK	1857.5	75	0	13.642	Pass
		1882.5	75	0	13.629	Pass
		1907.5	75	0	13.652	Pass
	16QAM	1857.5	75	0	13.693	Pass
		1882.5	75	0	13.631	Pass
		1907.5	75	0	13.633	Pass
20	QPSK	1860	100	0	18.243	Pass
		1882.5	100	0	18.146	Pass
		1905	100	0	18.111	Pass
	16QAM	1860	100	0	18.251	Pass
		1882.5	100	0	18.150	Pass
		1905	100	0	18.169	Pass

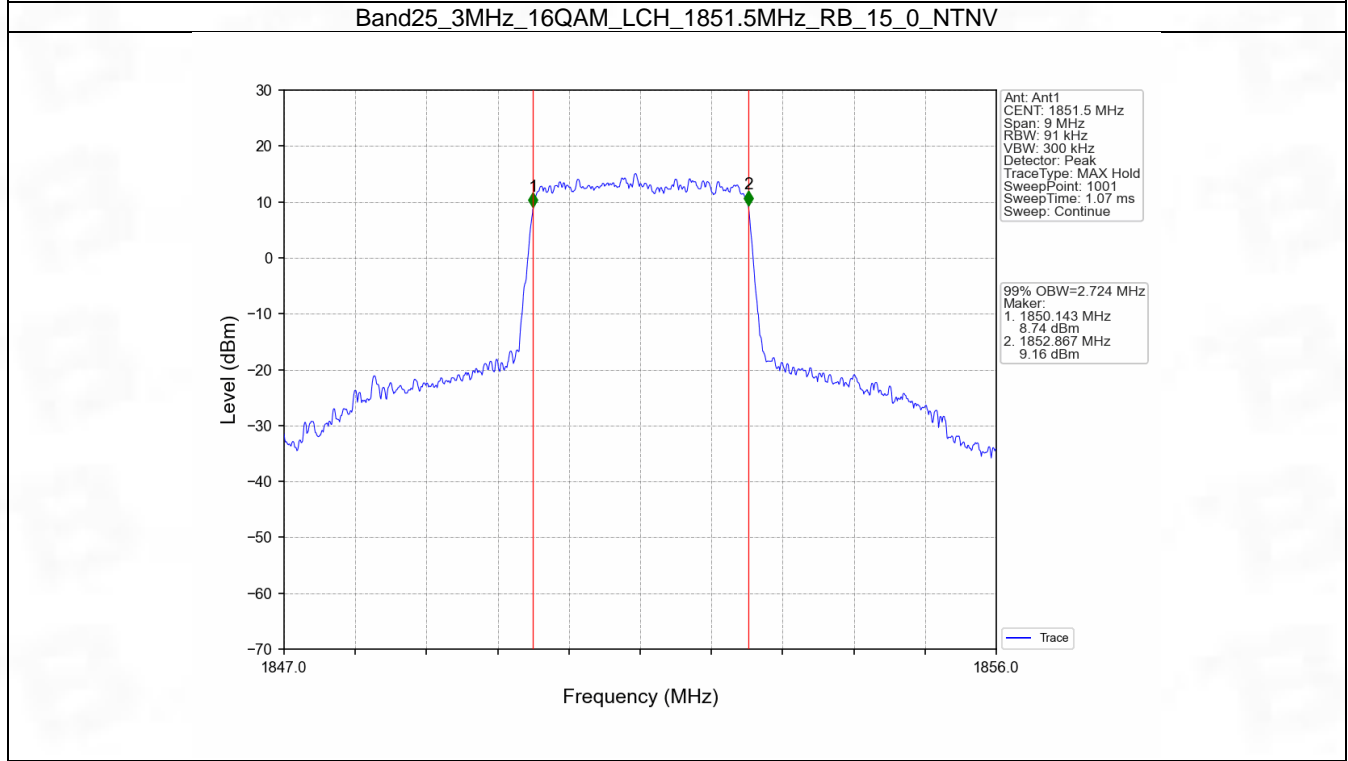
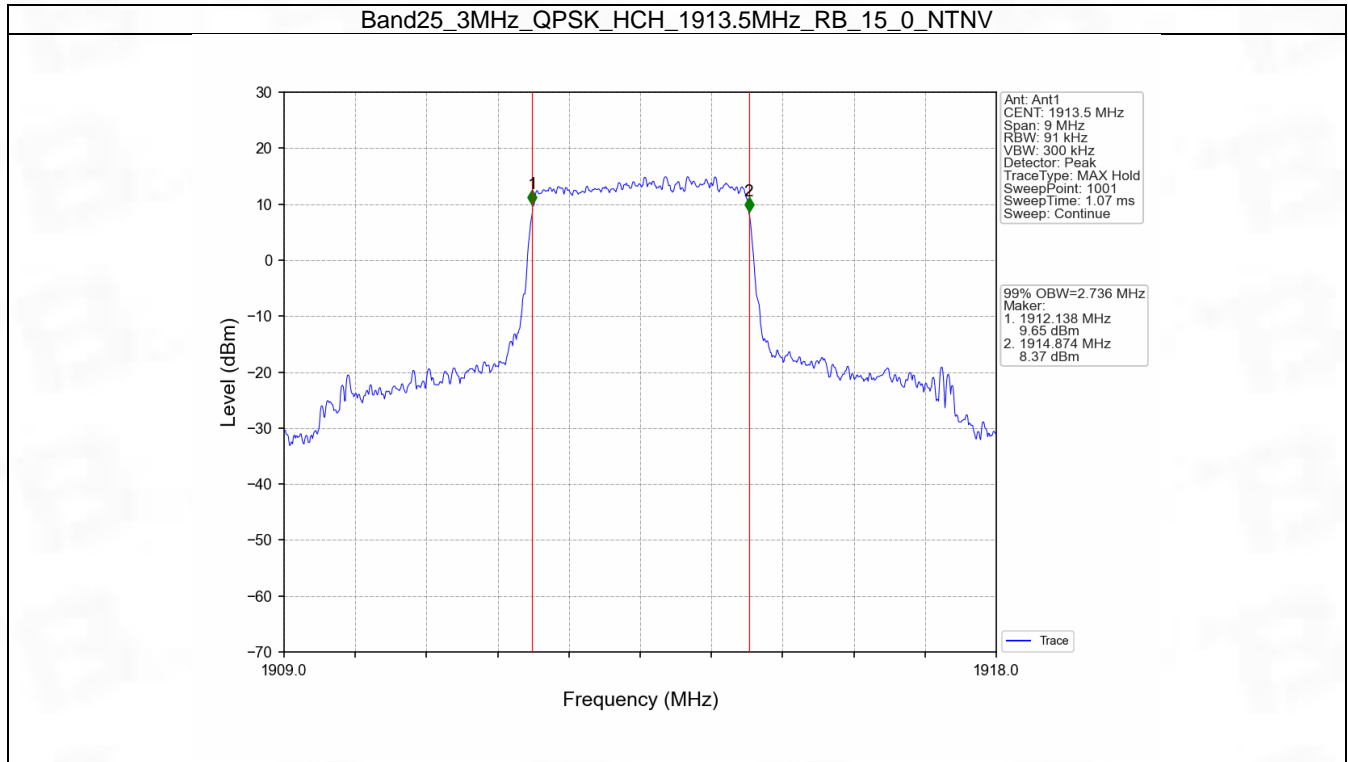
4.1.2 Test Graph

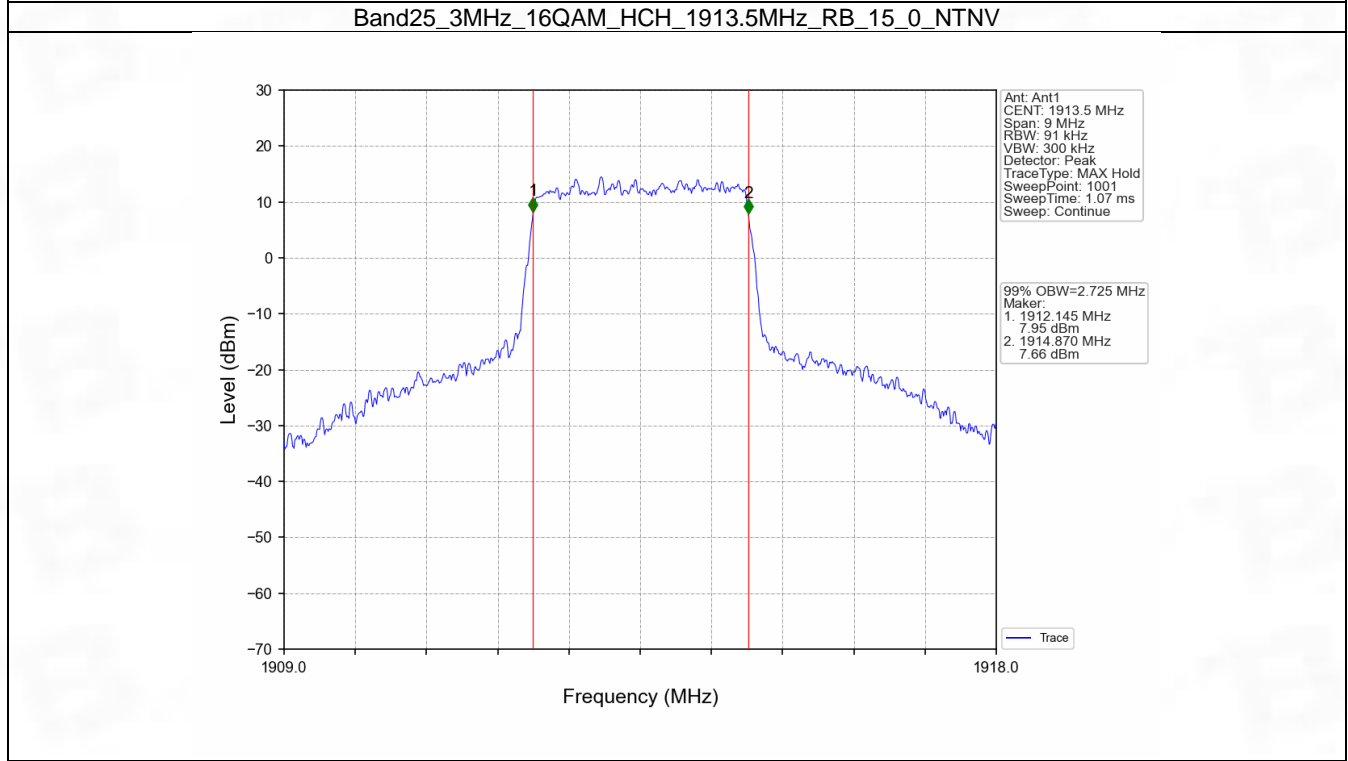
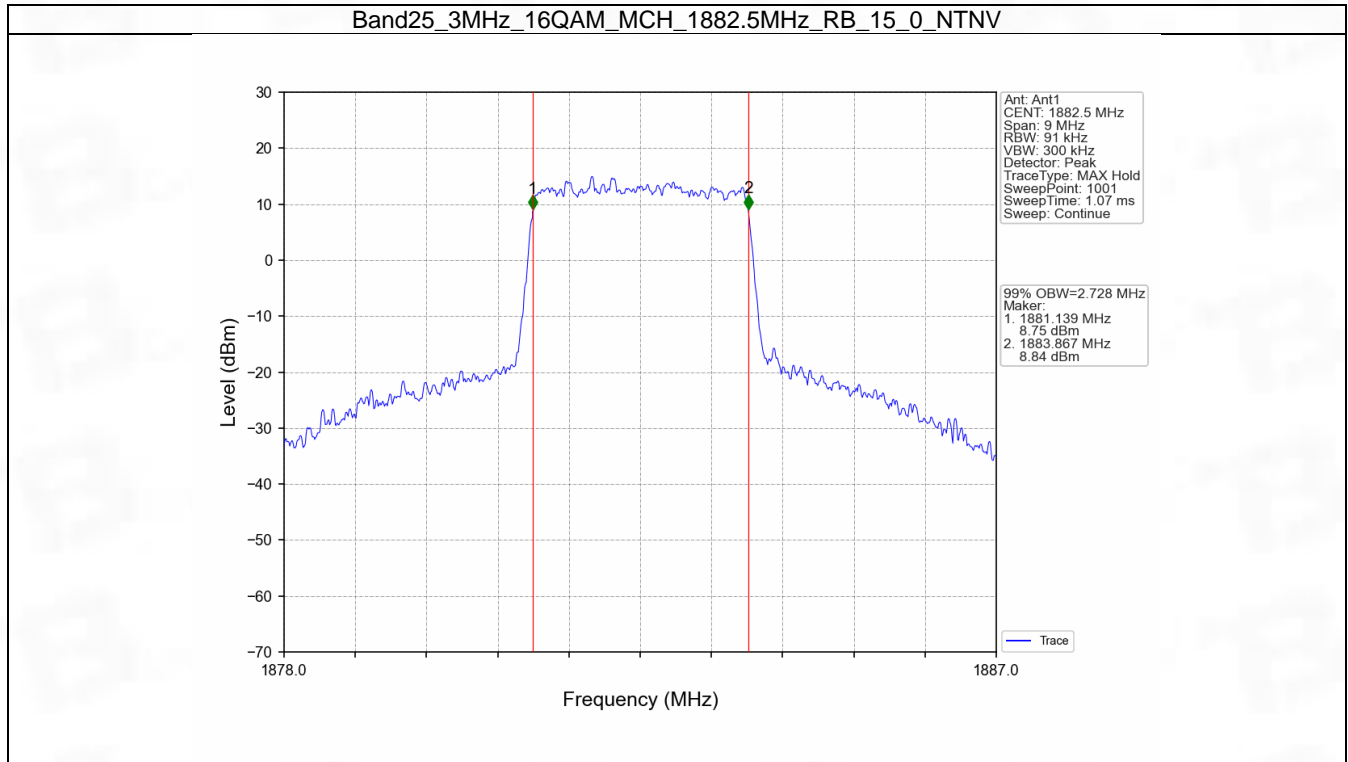


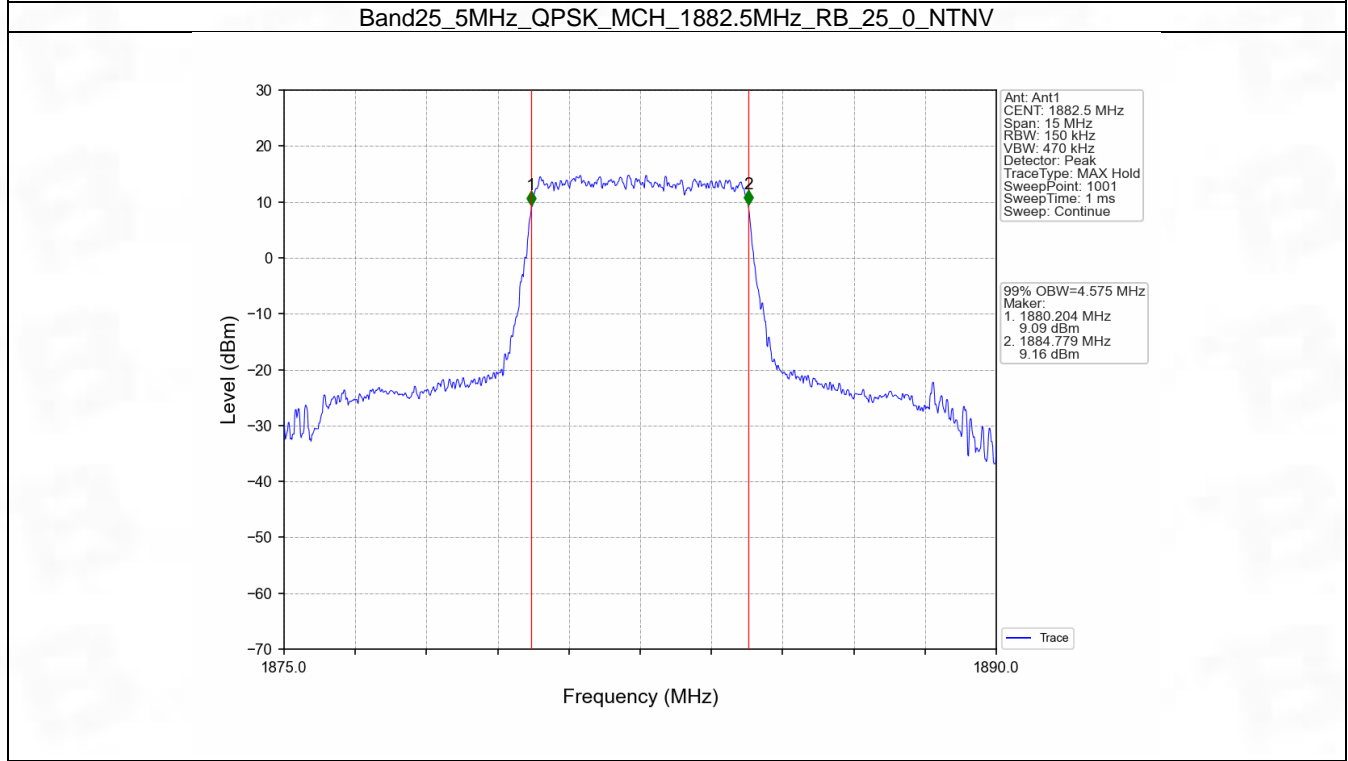
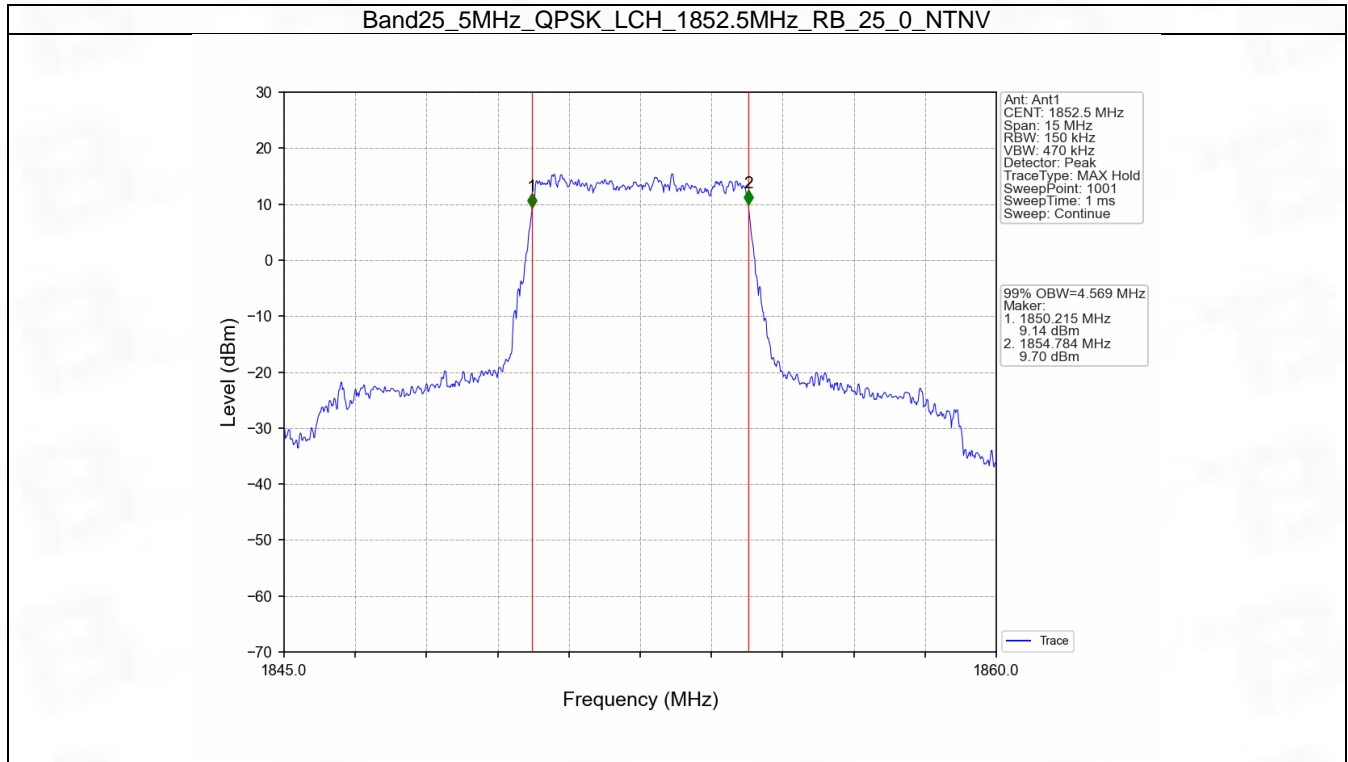


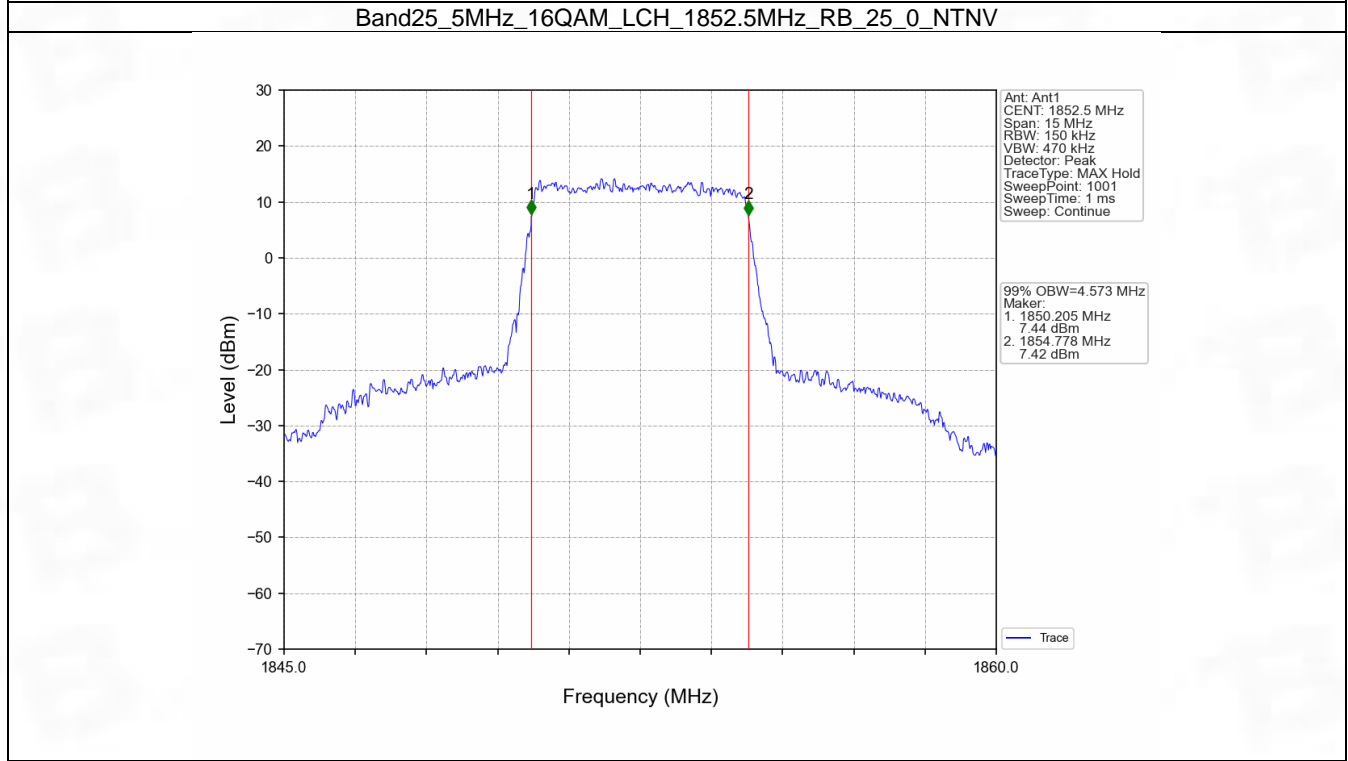
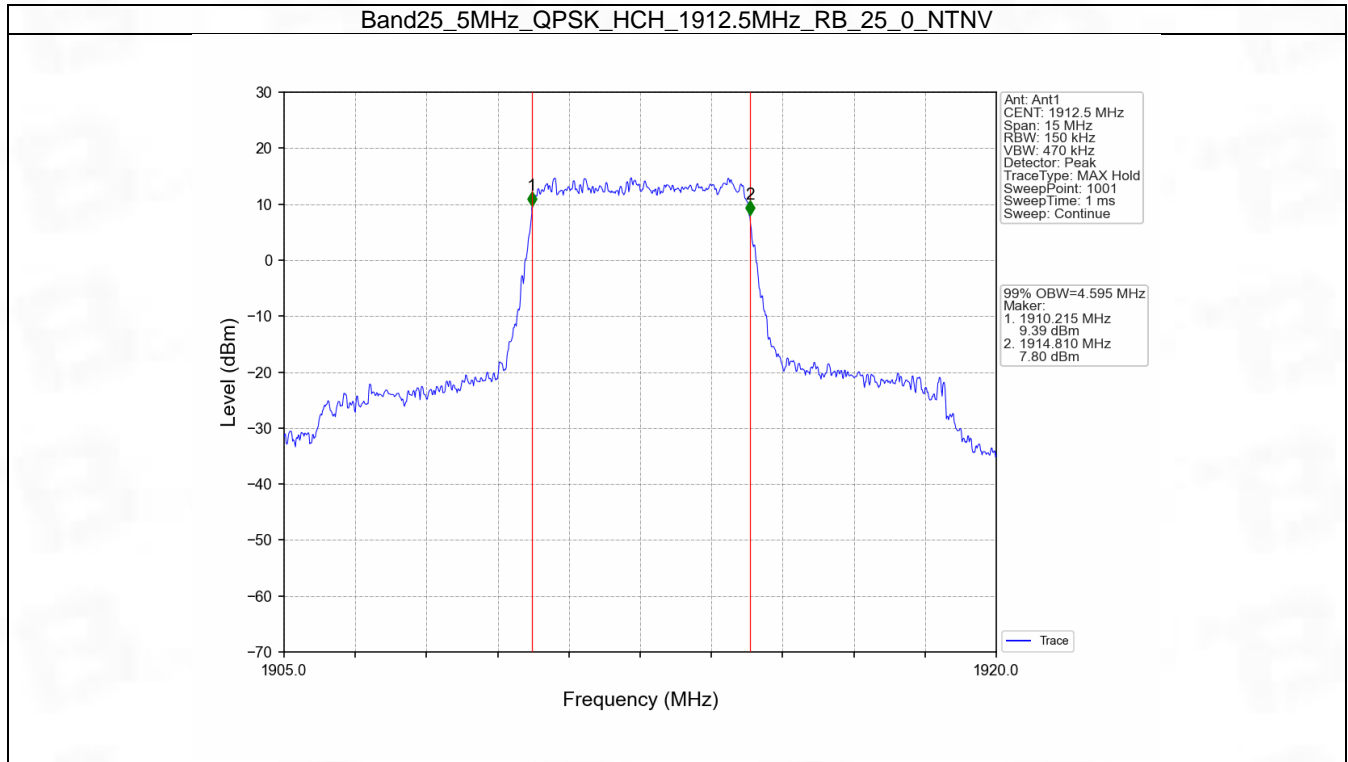


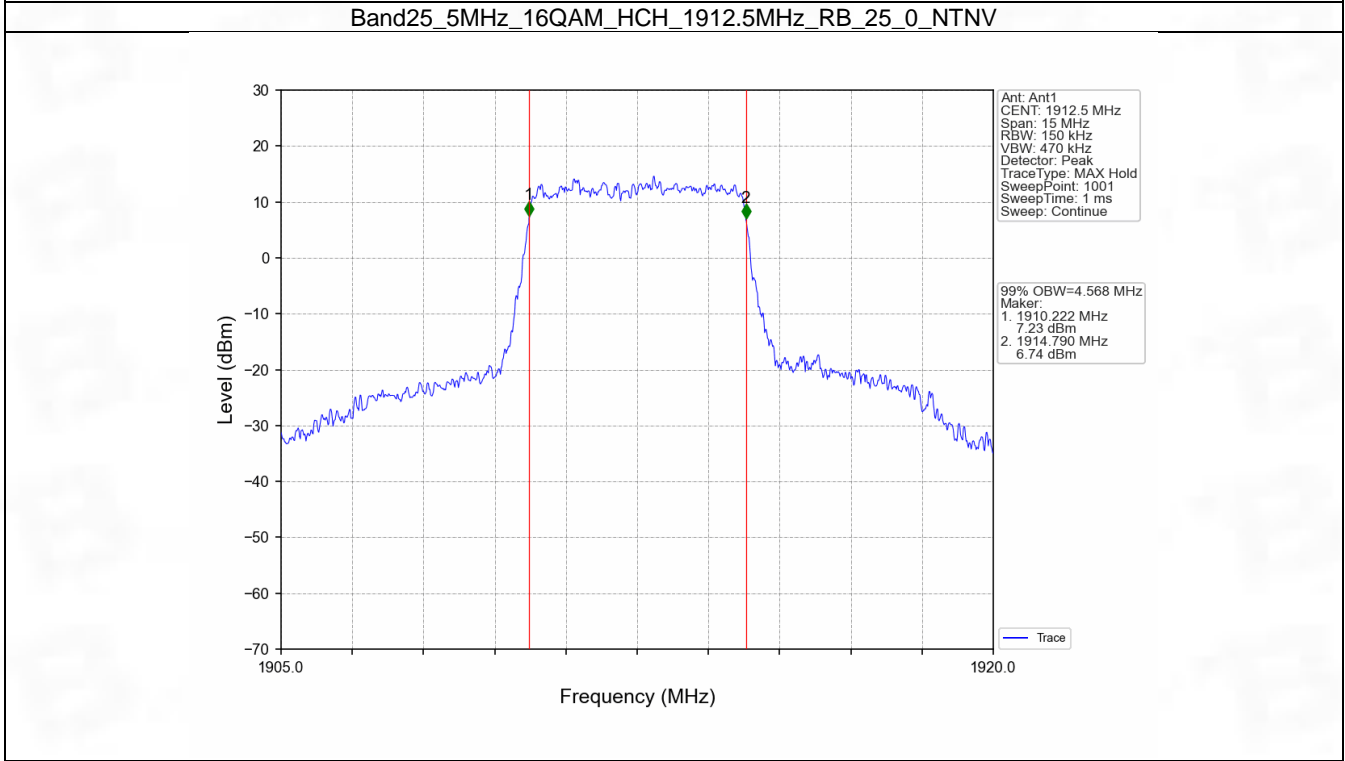
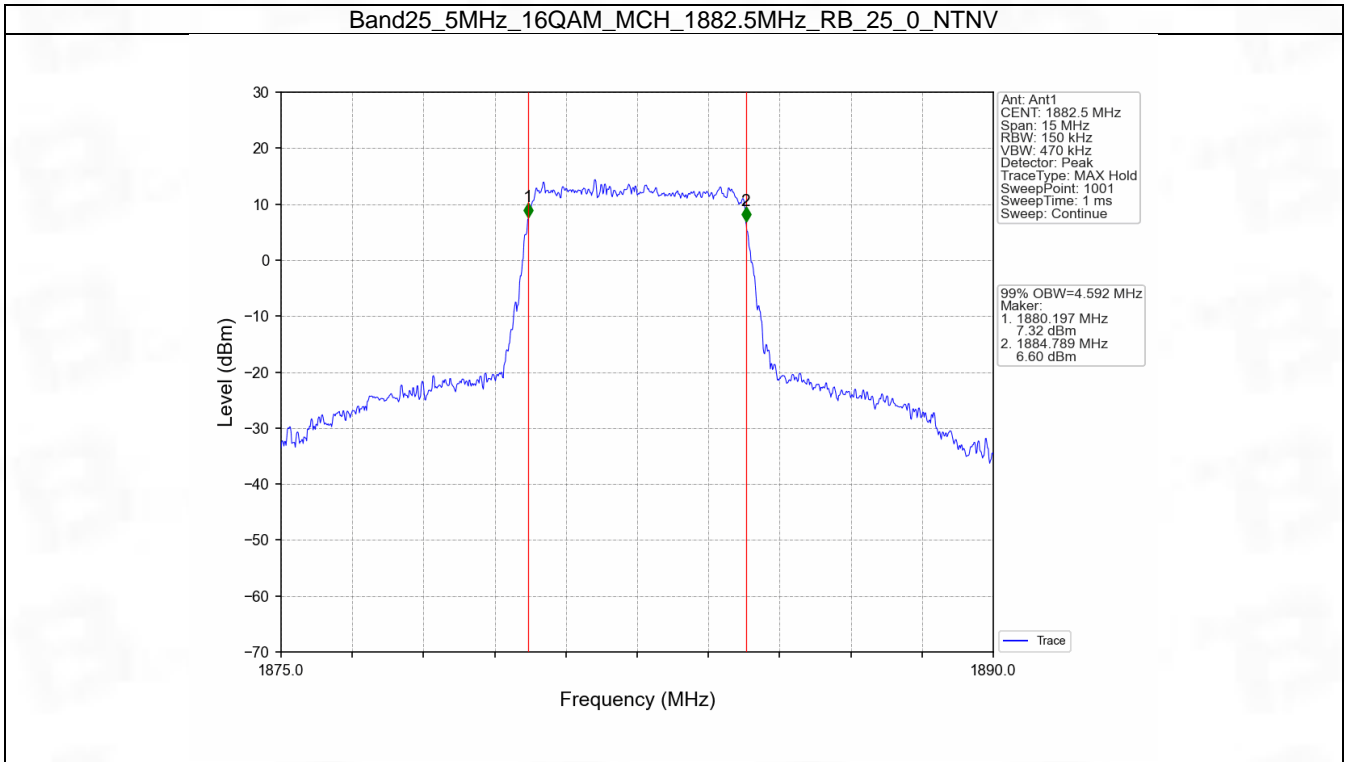


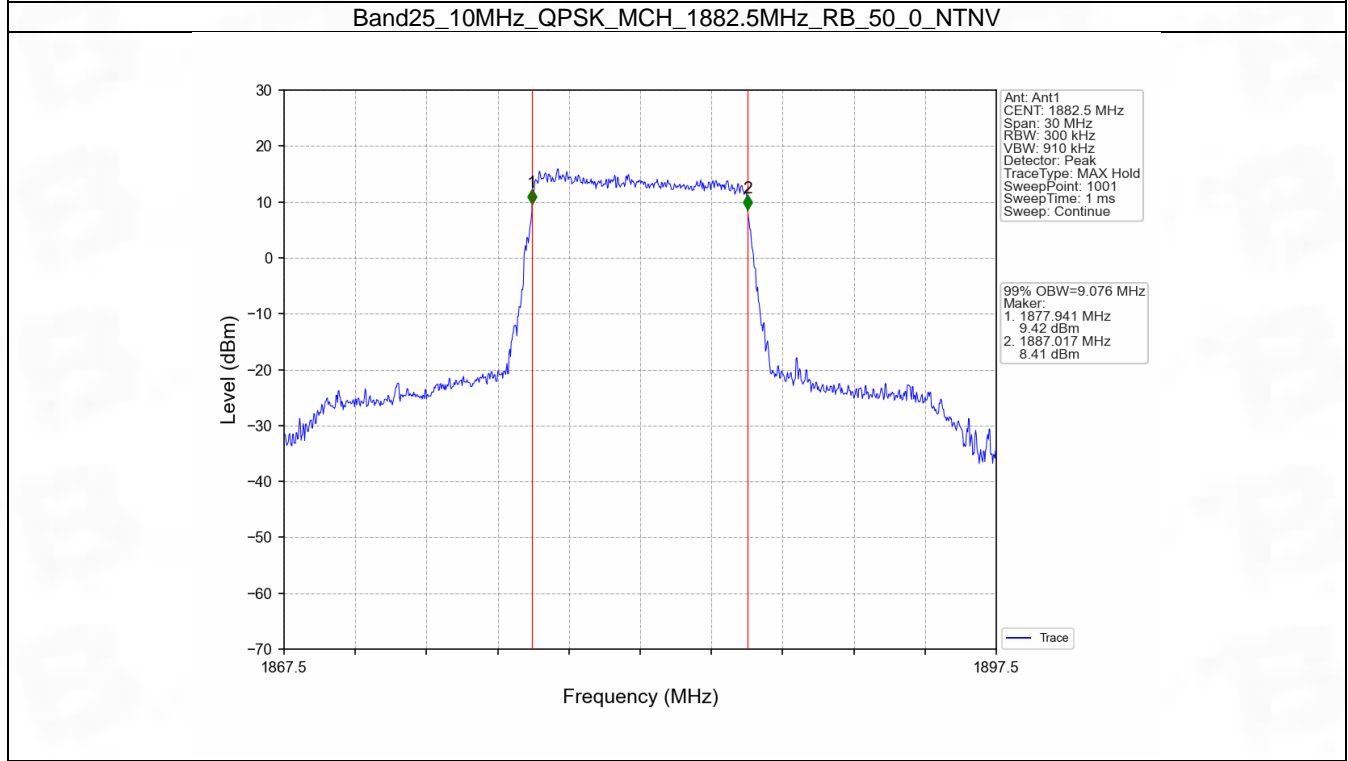
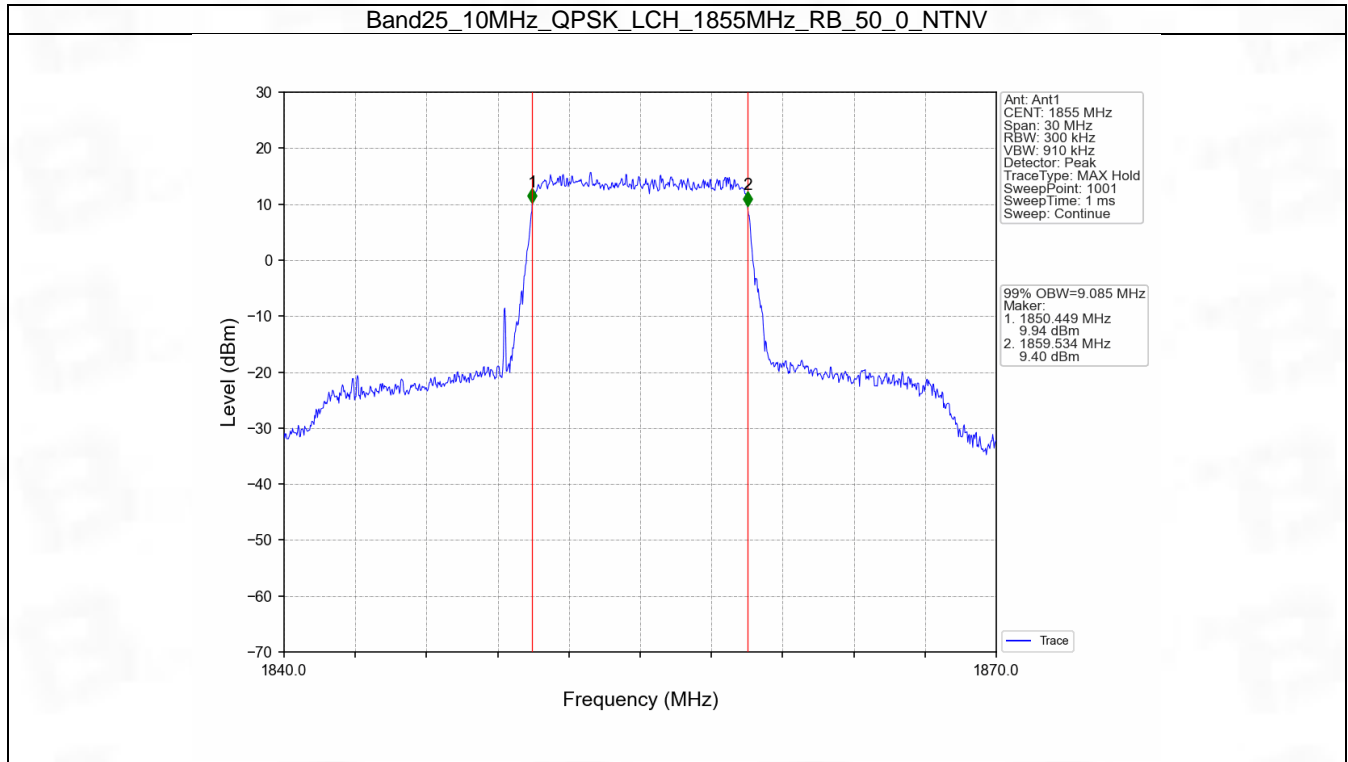


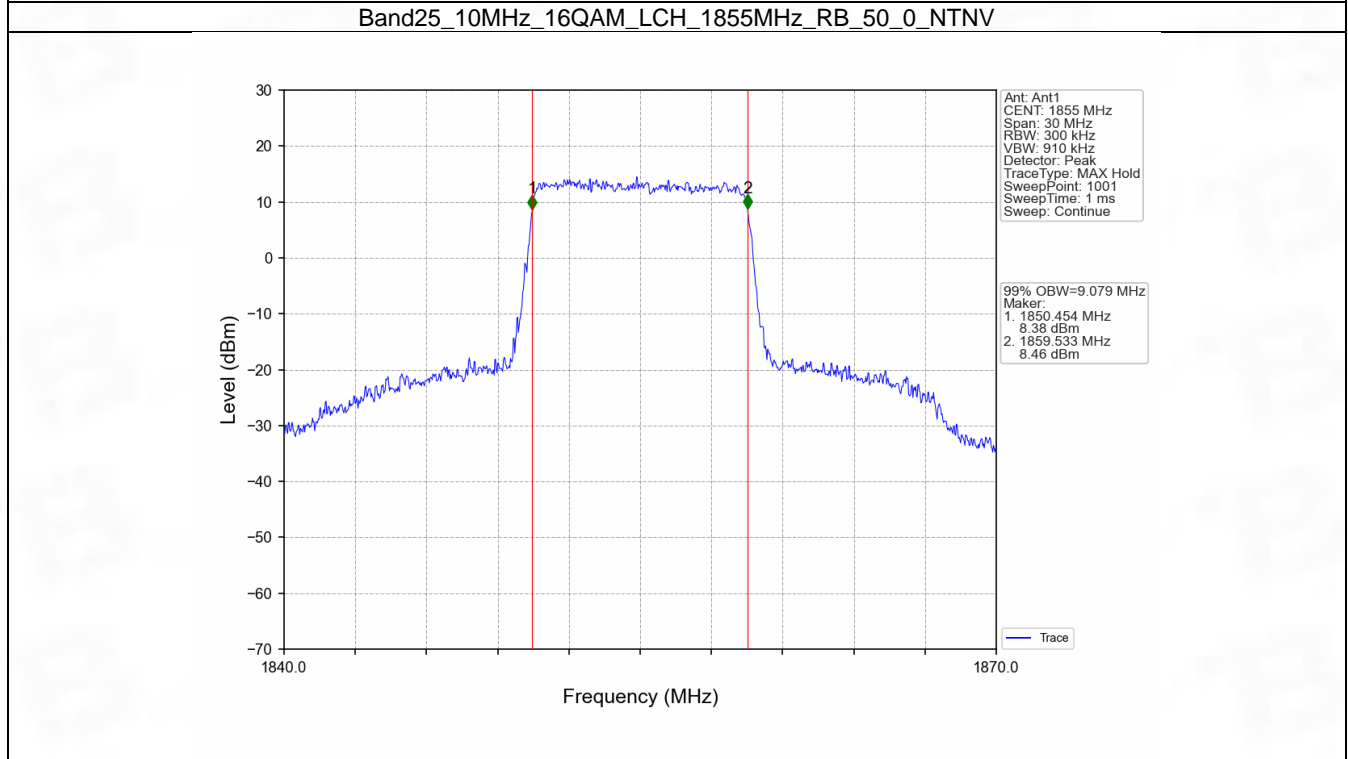
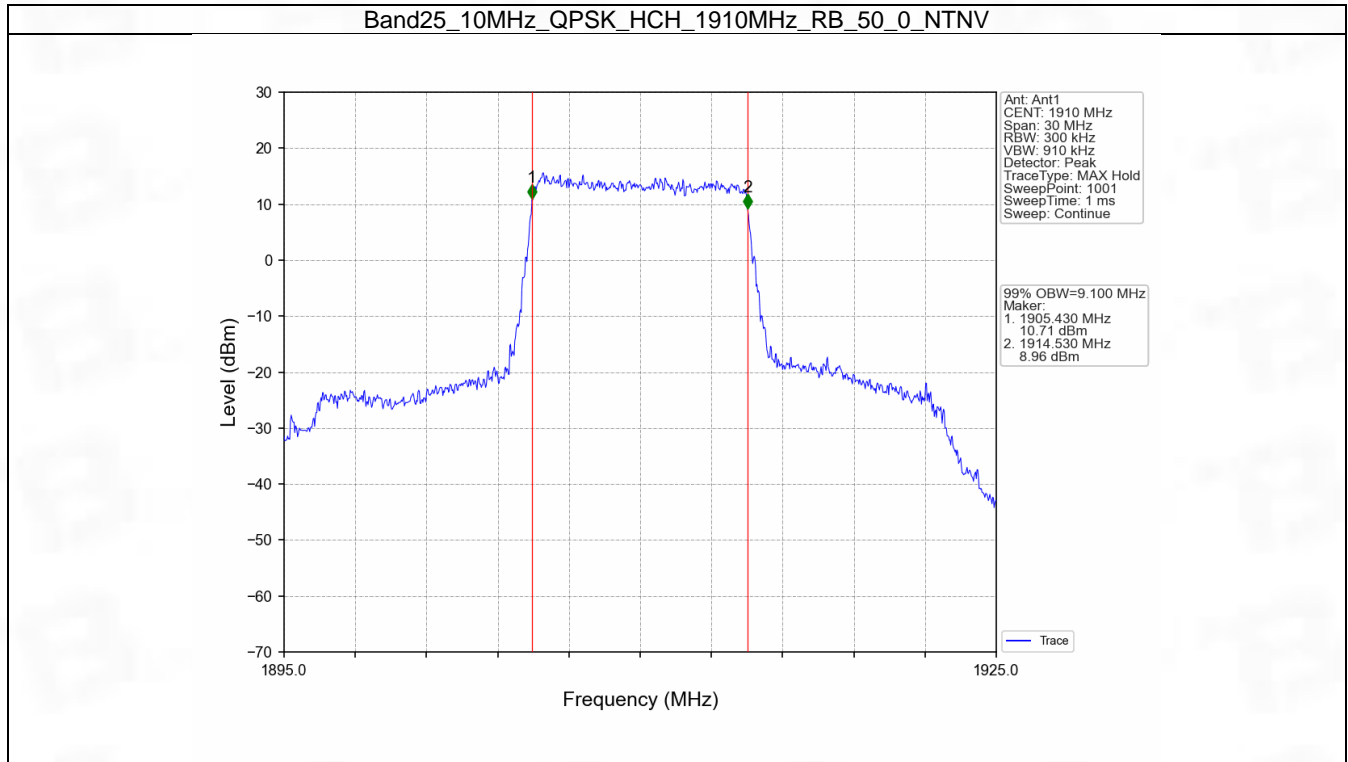




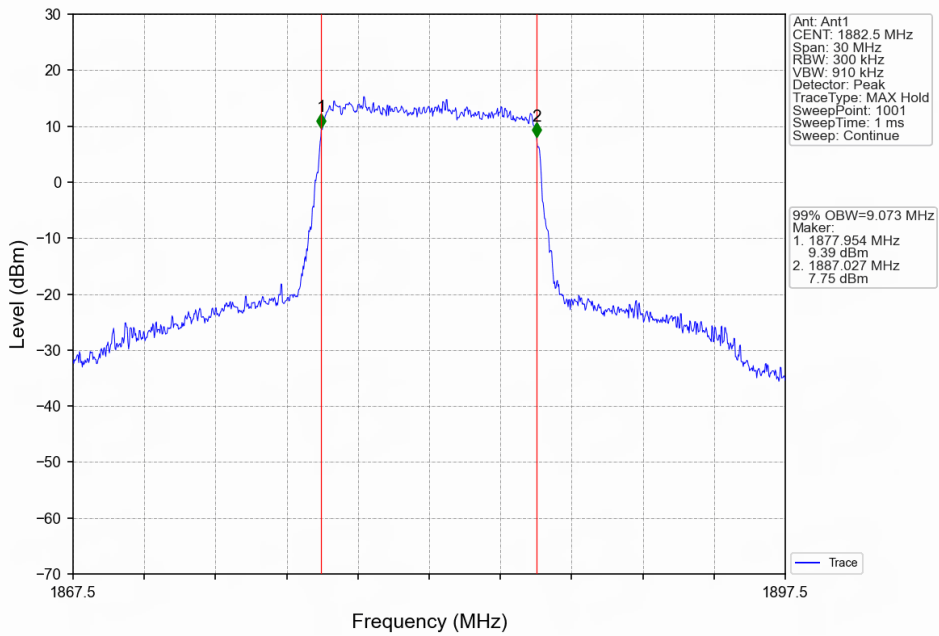




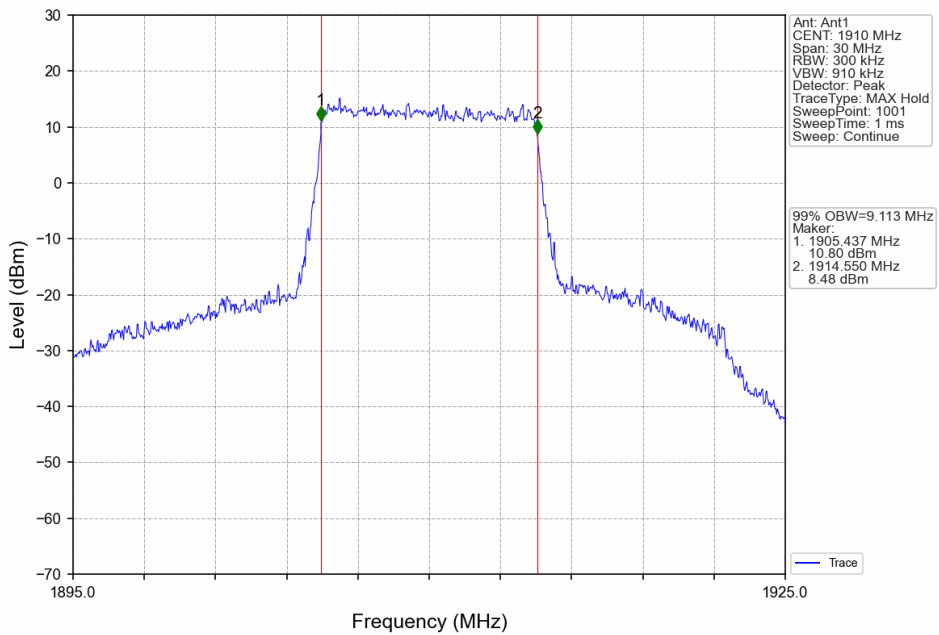


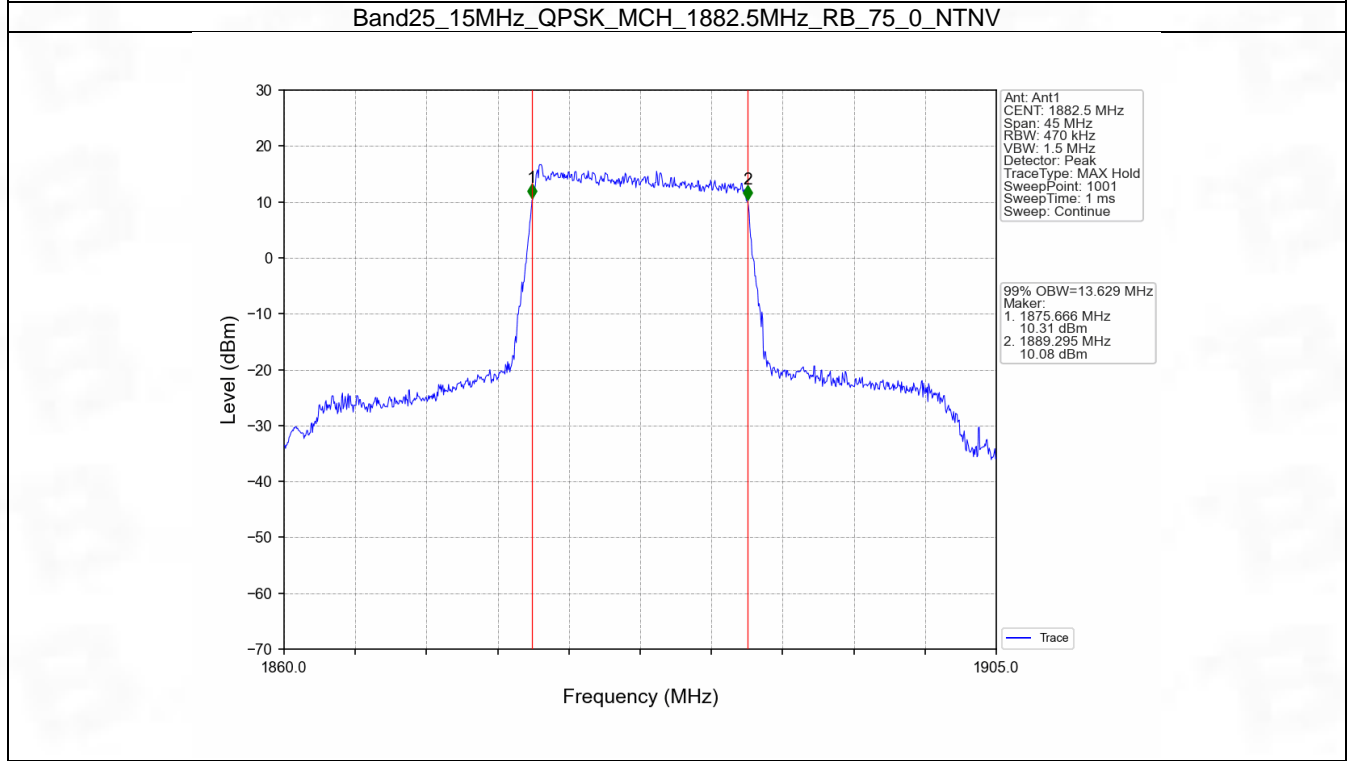
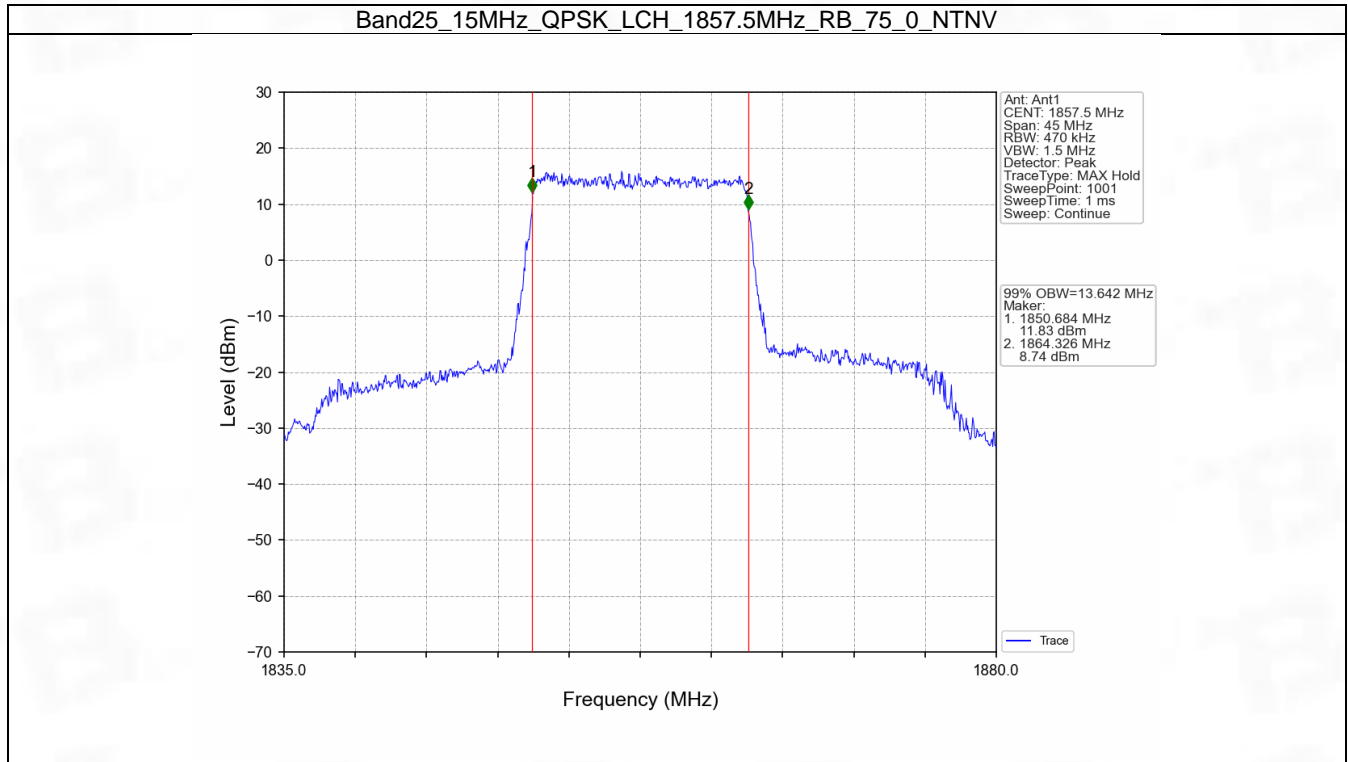


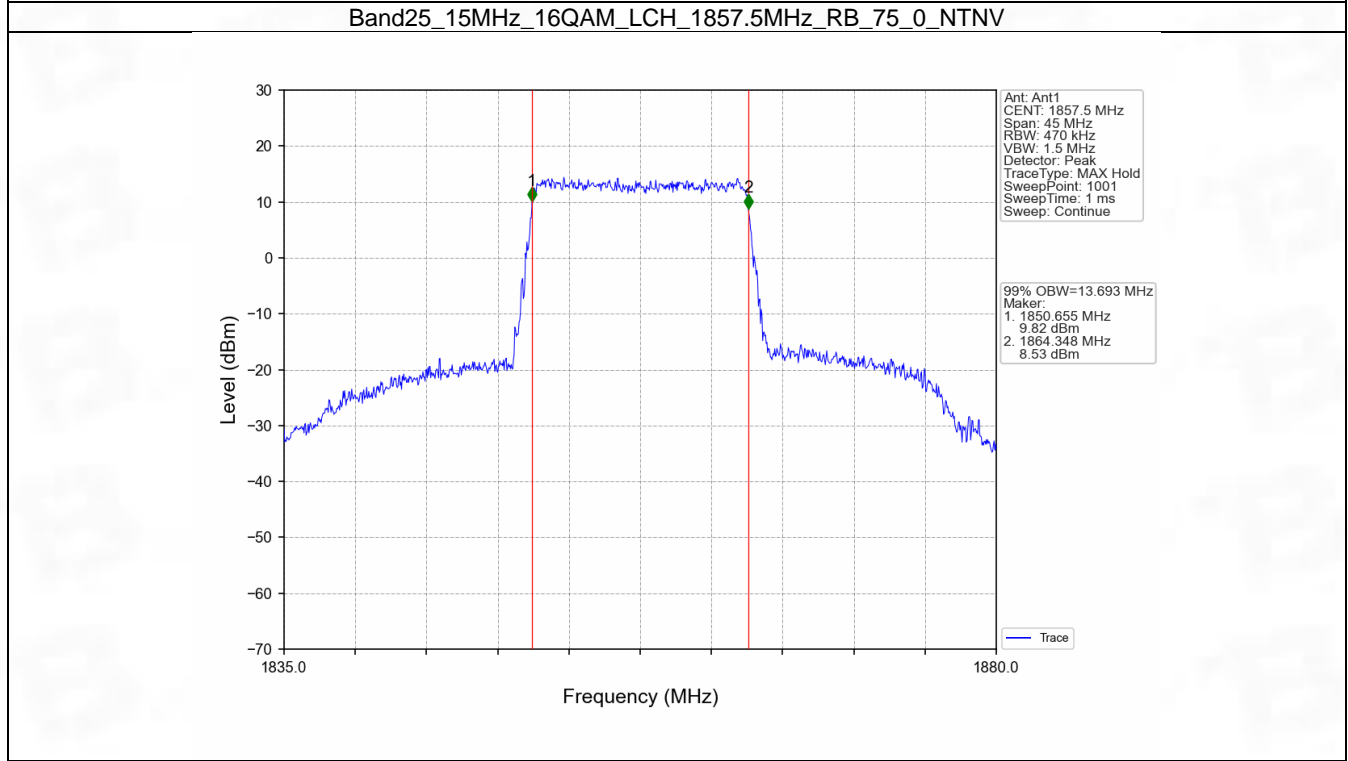
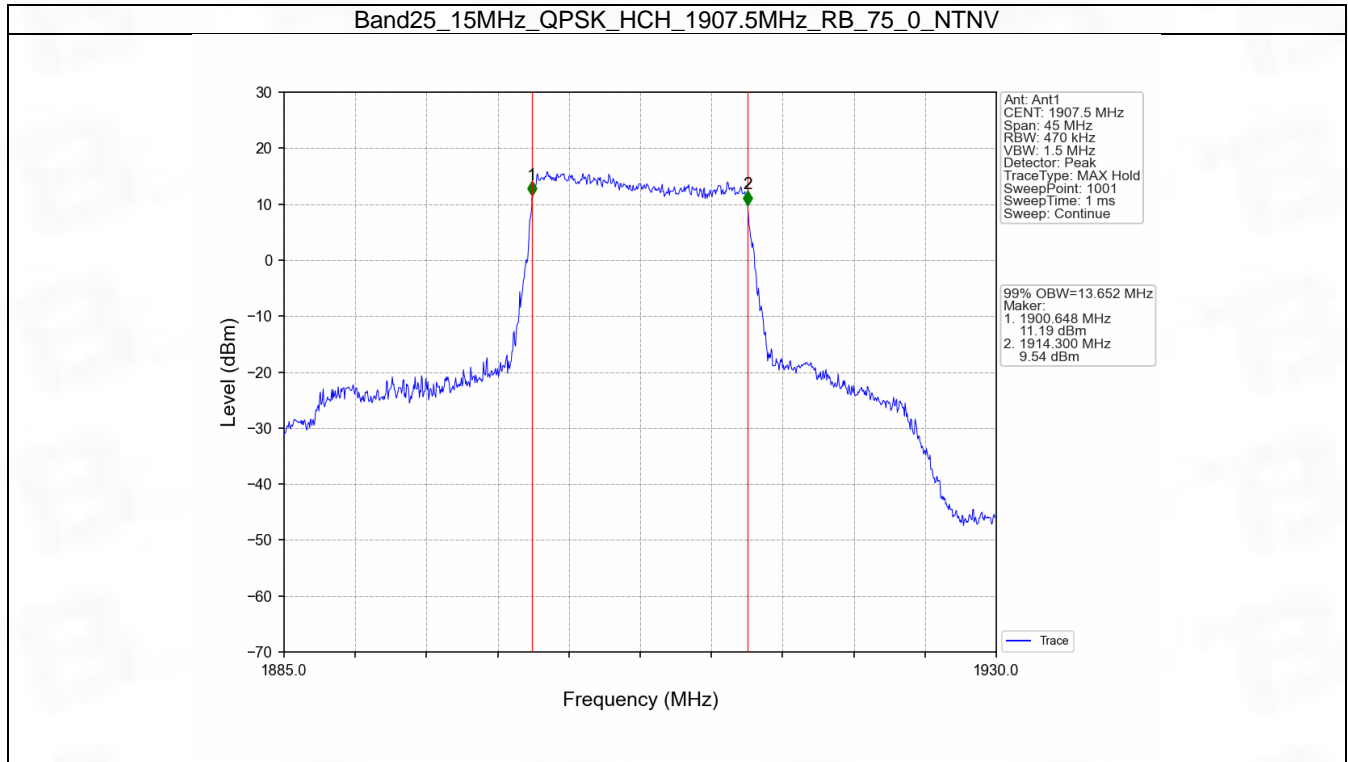
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



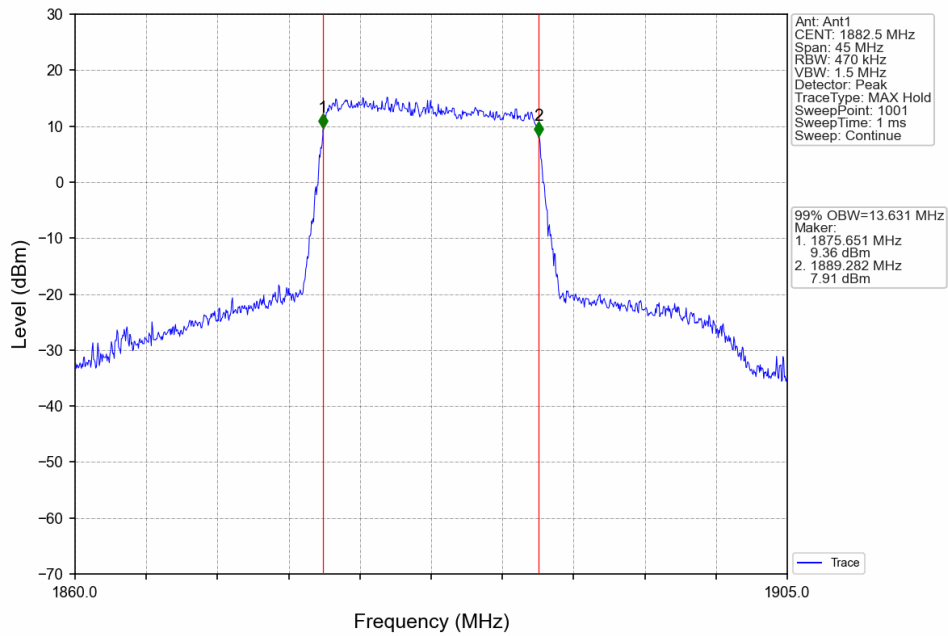
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



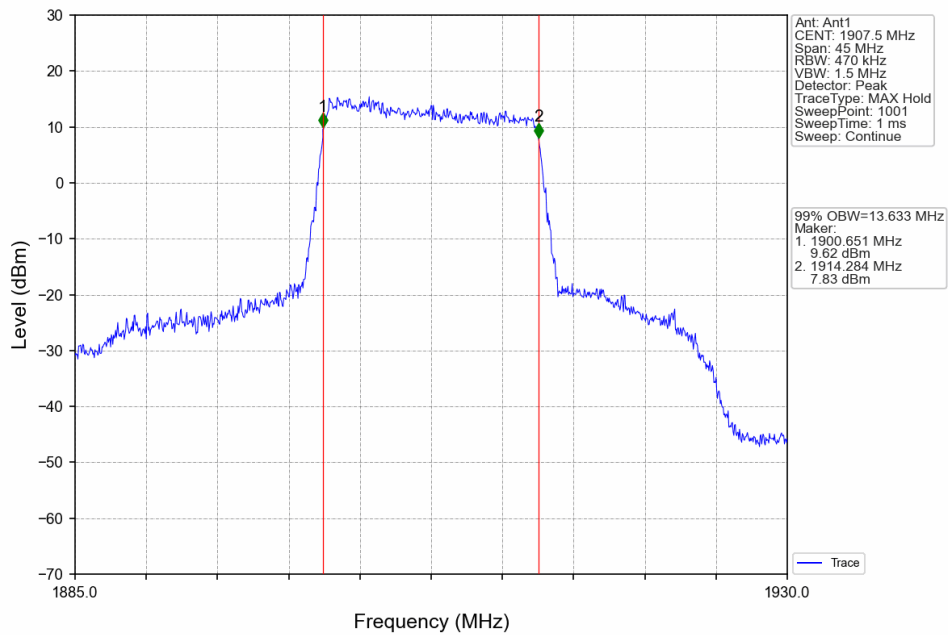


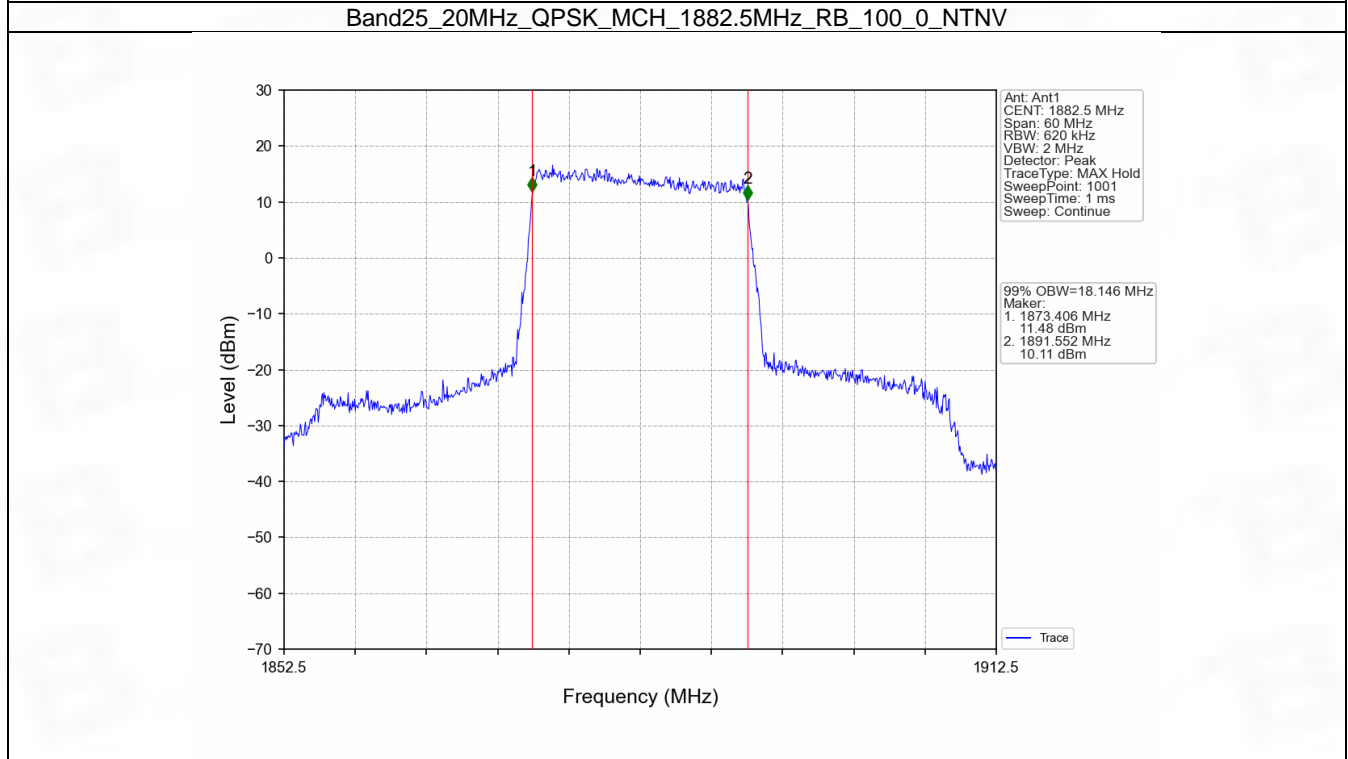
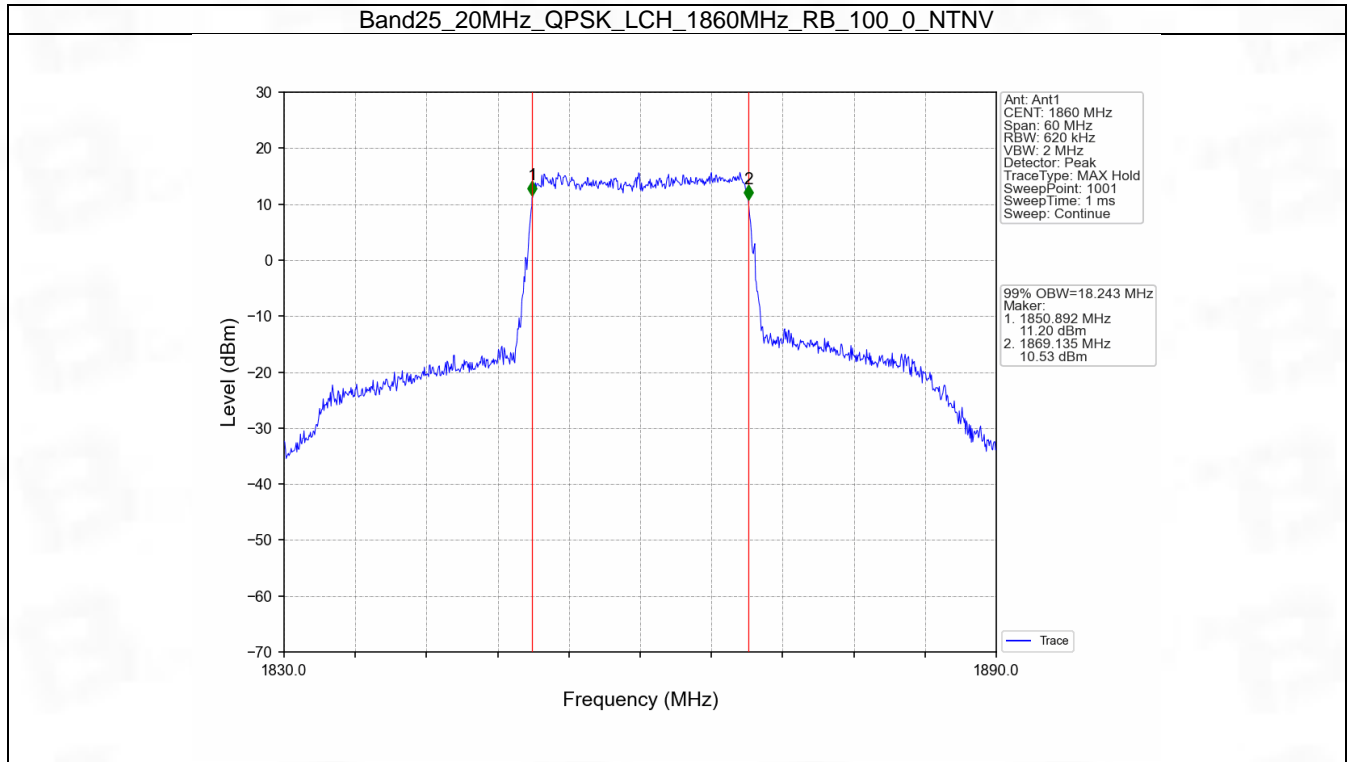


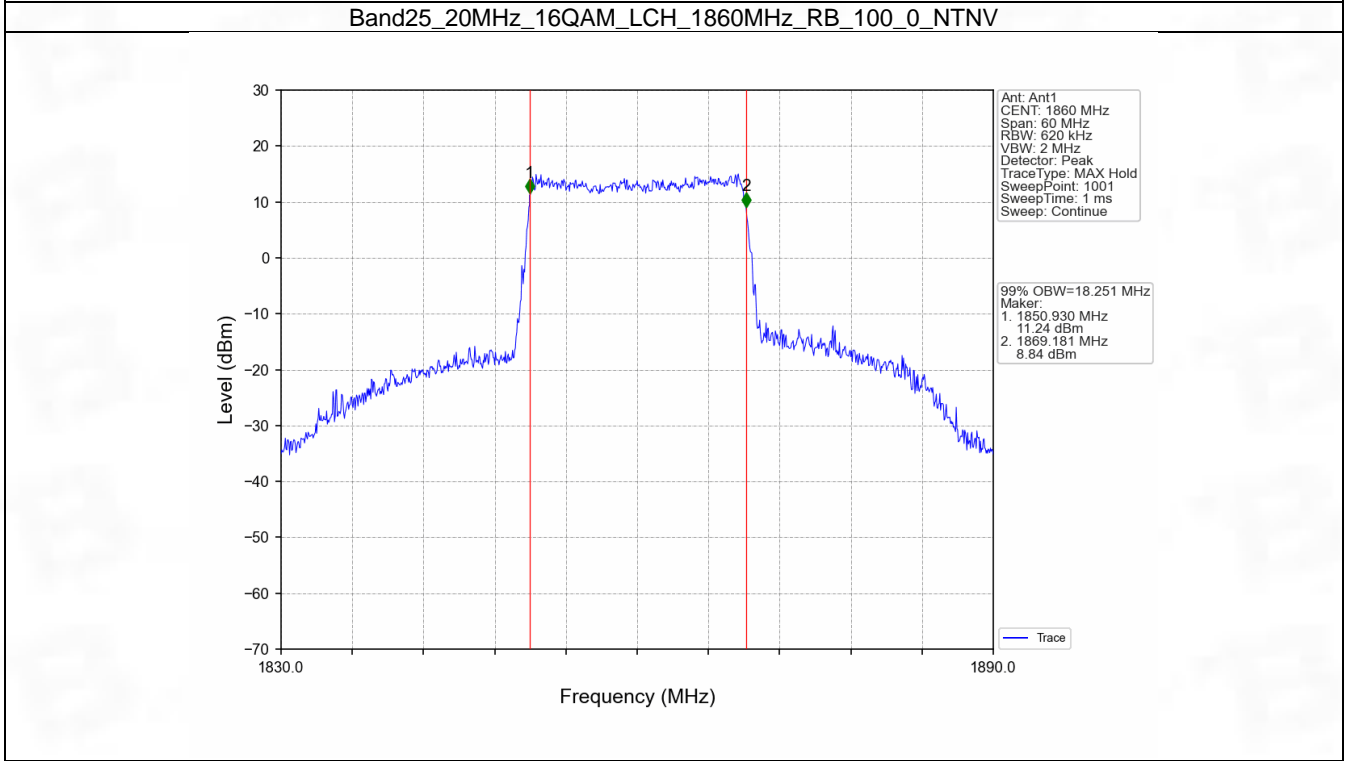
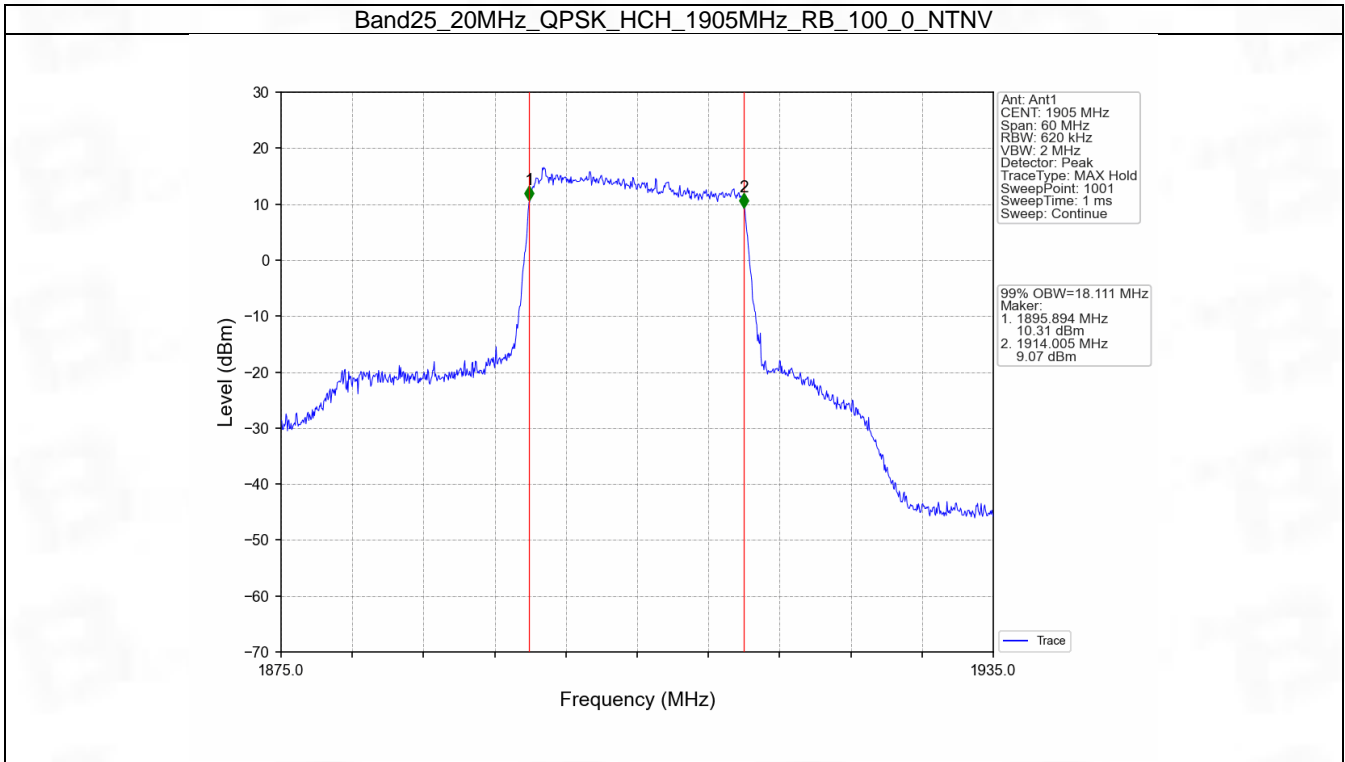
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

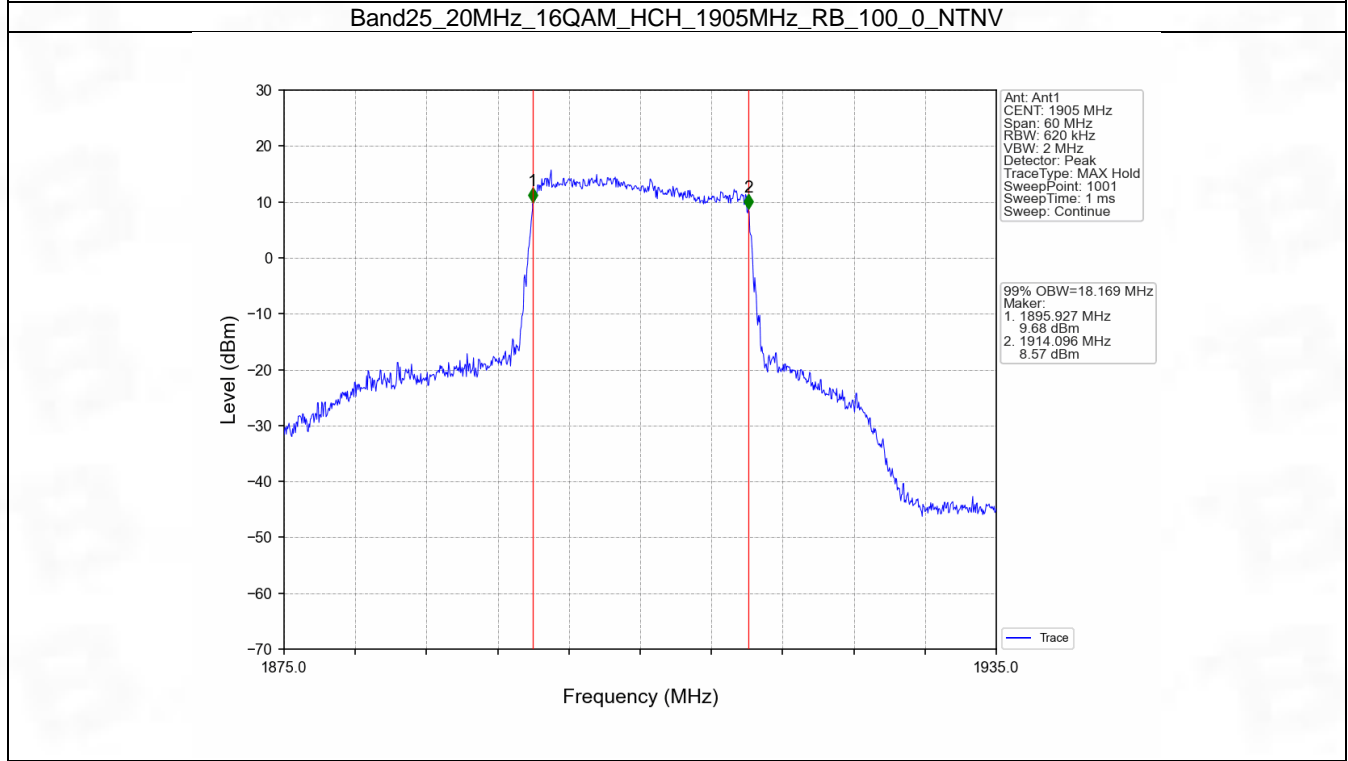
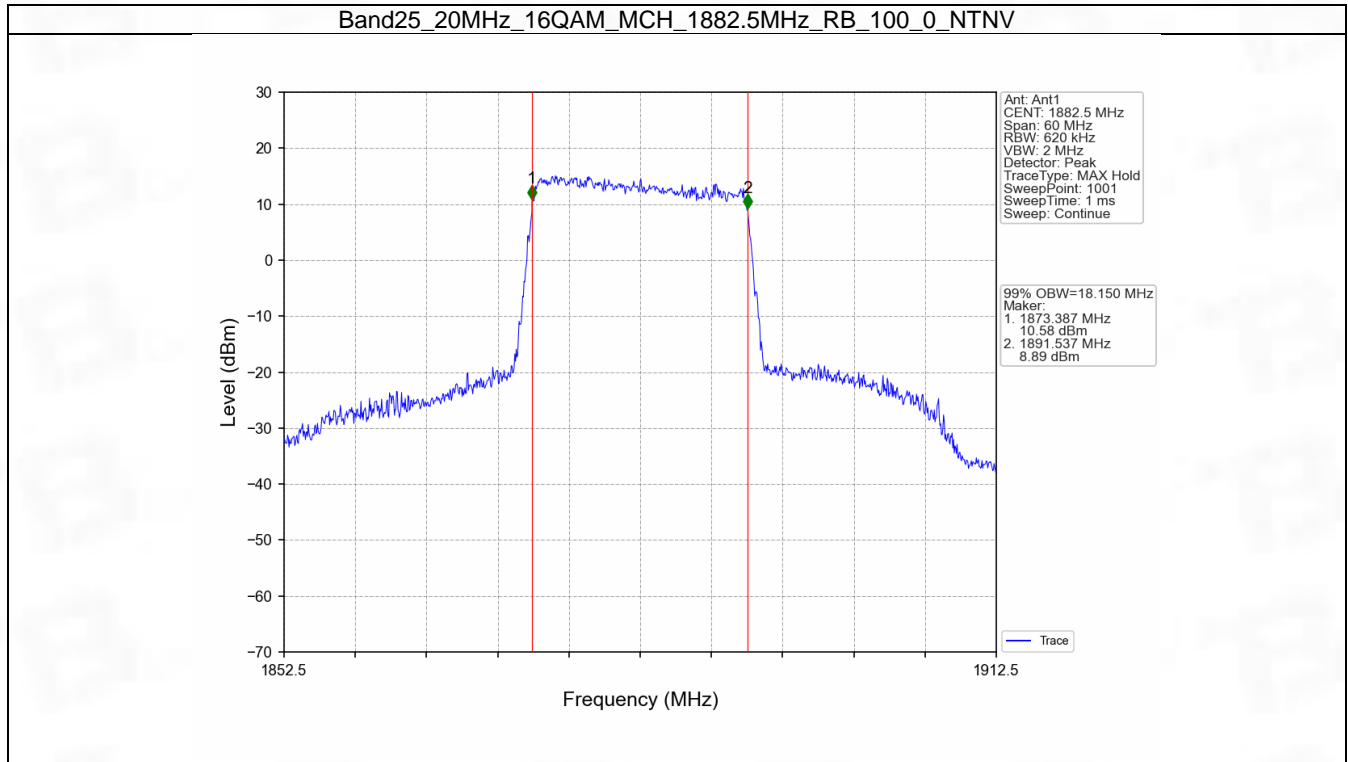


Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV







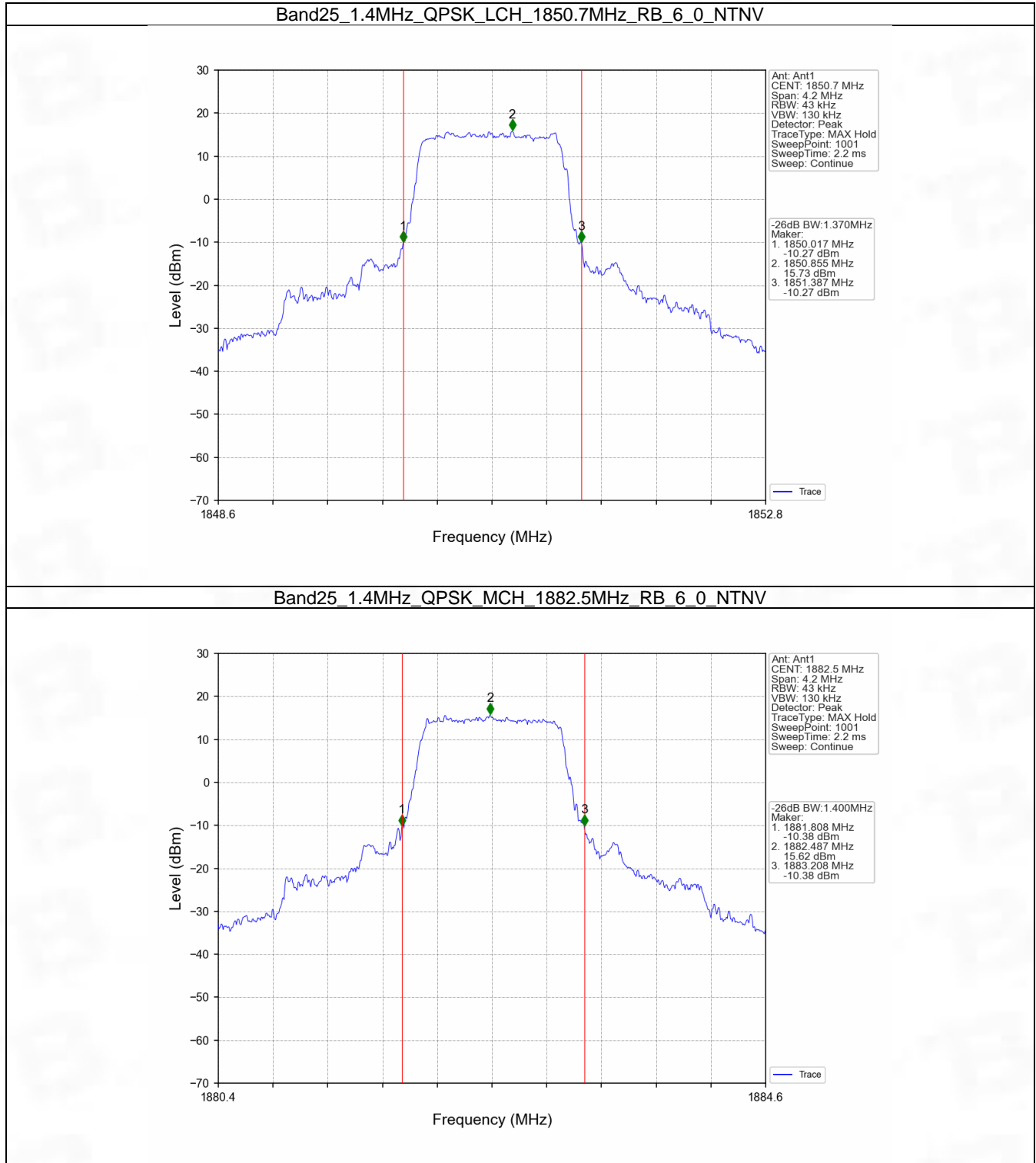


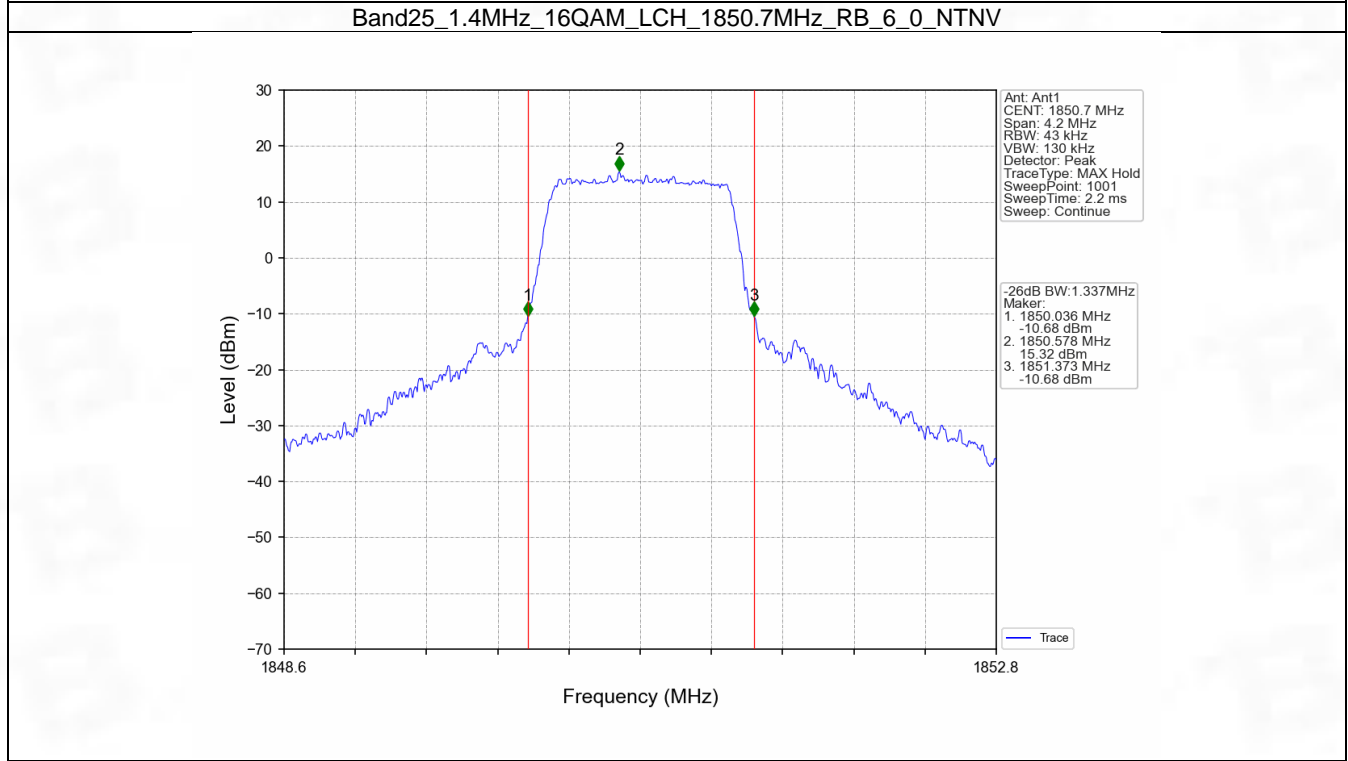
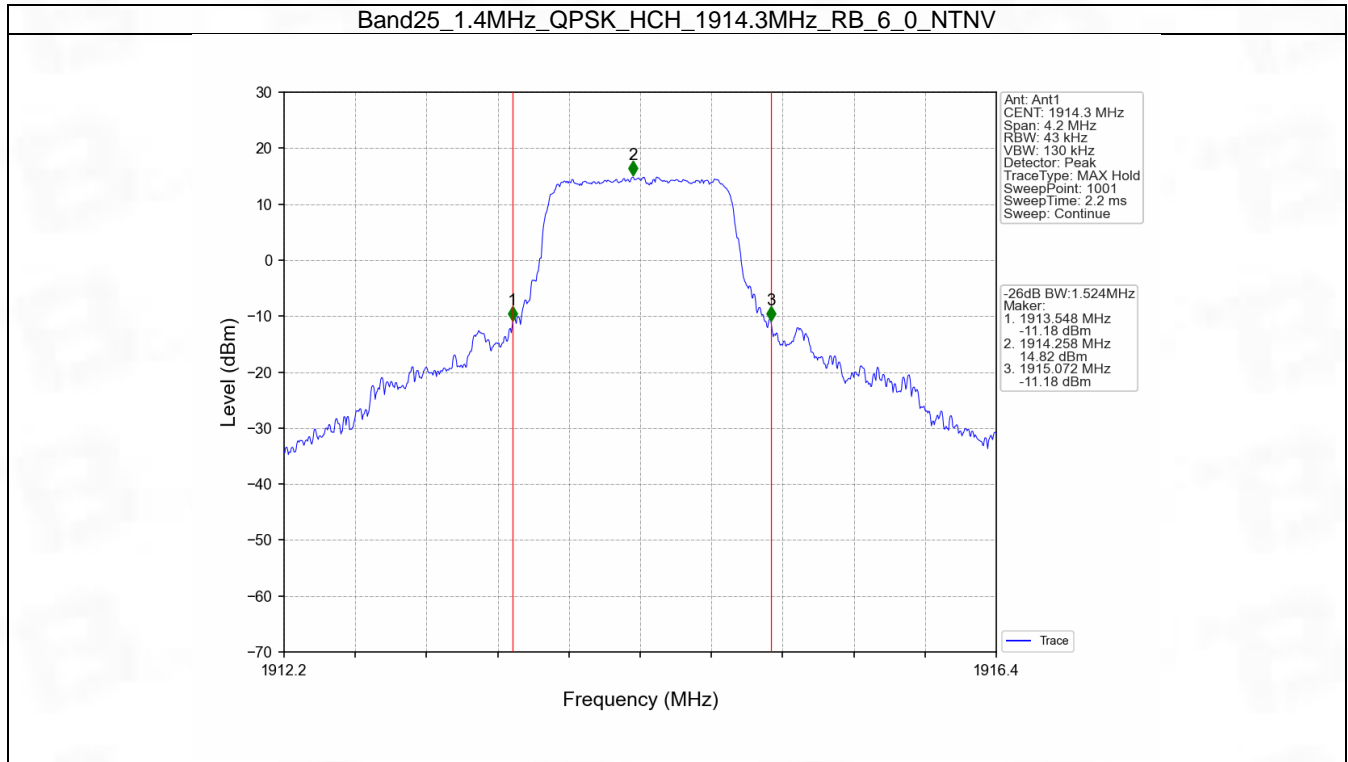
4.2 Band25_XDB

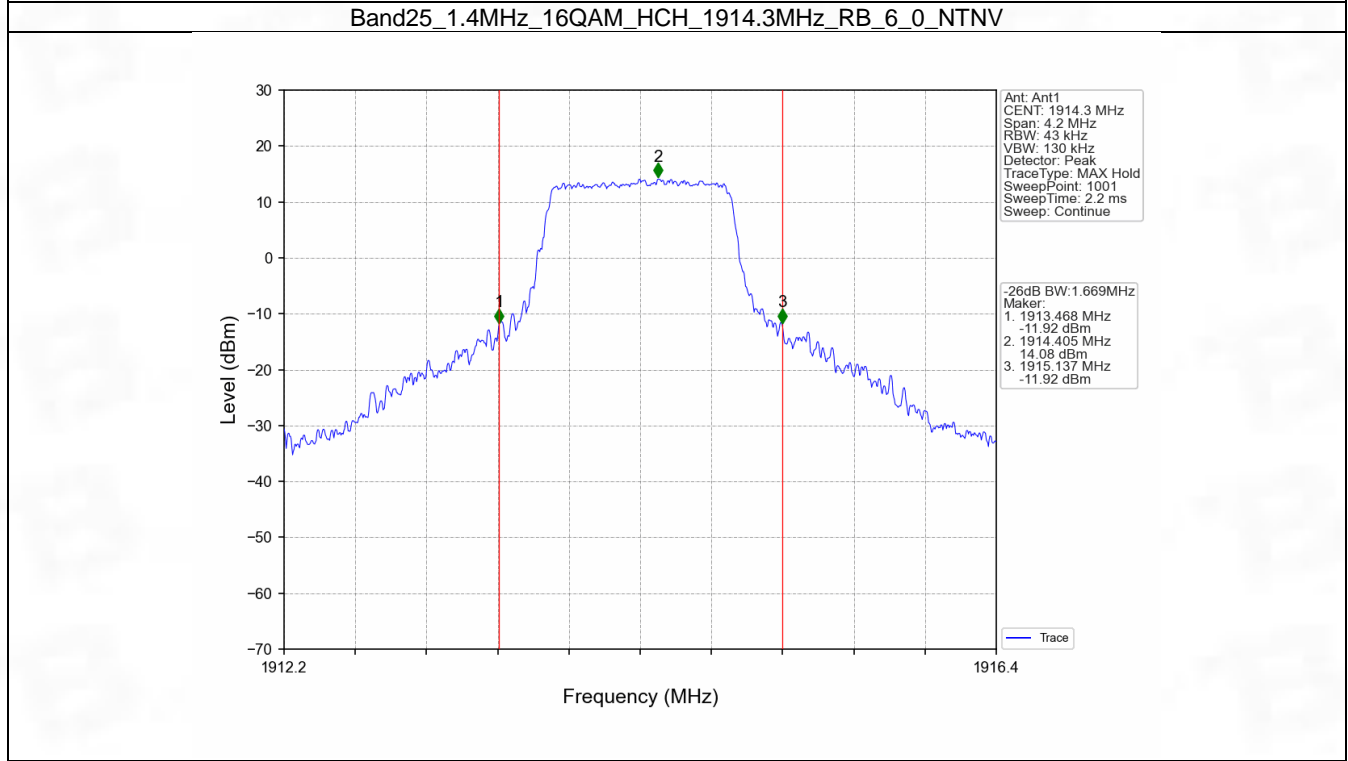
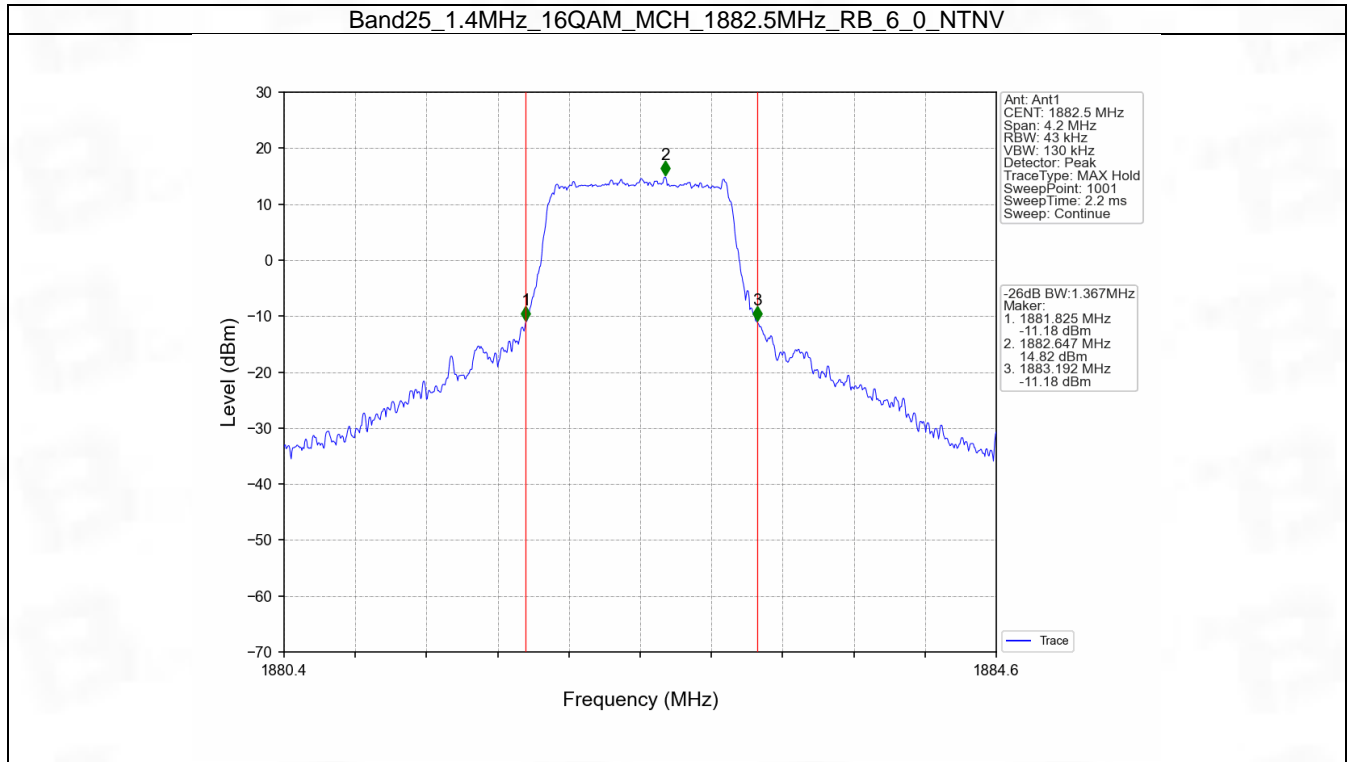
4.2.1 Test Result

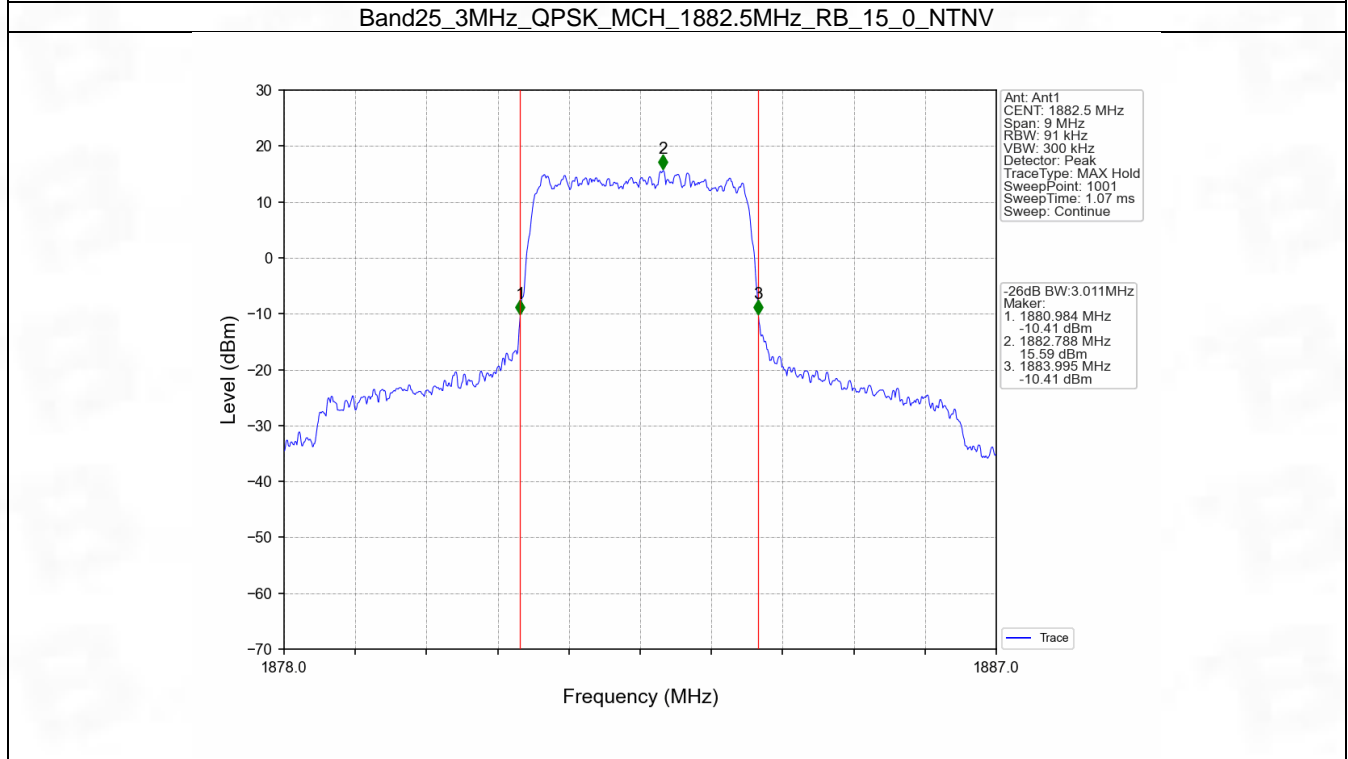
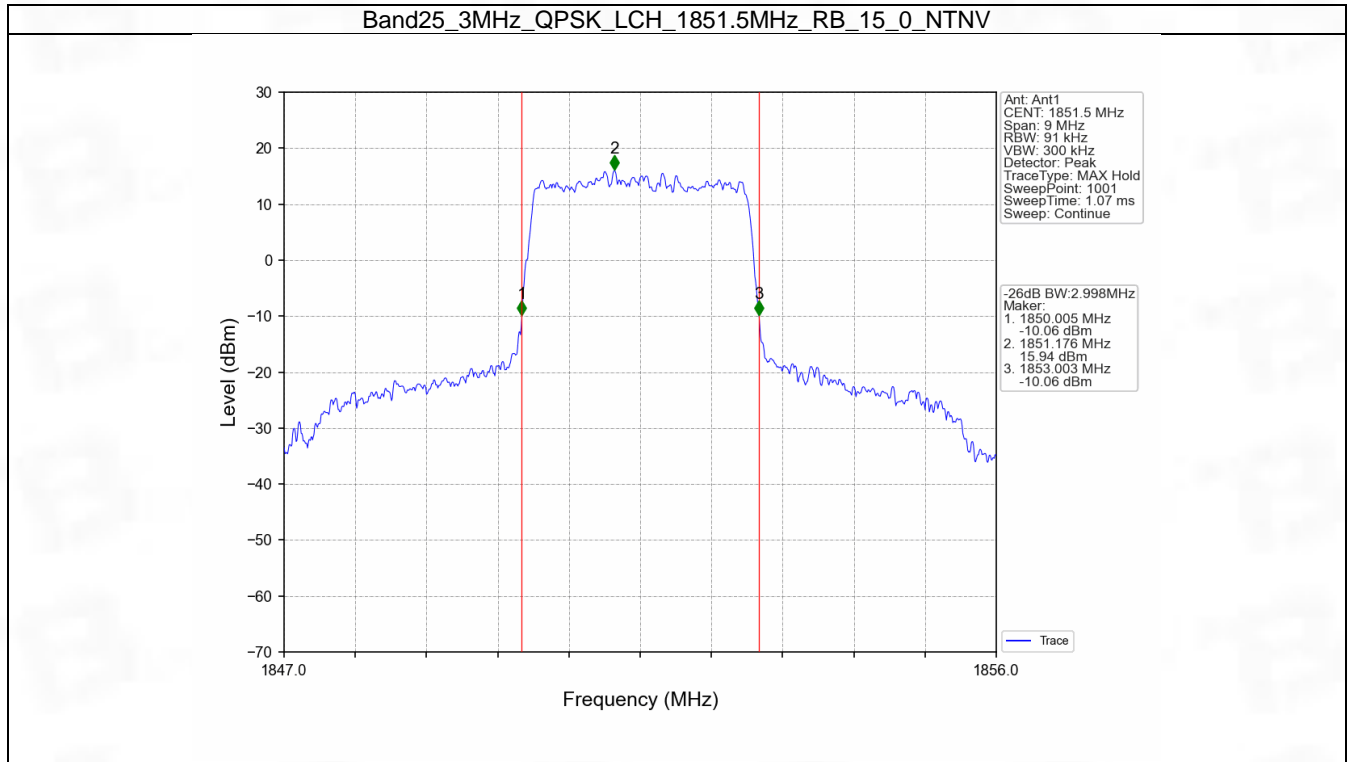
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.370	Pass
		1882.5	6	0	1.400	Pass
		1914.3	6	0	1.524	Pass
	16QAM	1850.7	6	0	1.337	Pass
		1882.5	6	0	1.367	Pass
		1914.3	6	0	1.669	Pass
3	QPSK	1851.5	15	0	2.998	Pass
		1882.5	15	0	3.011	Pass
		1913.5	15	0	3.032	Pass
	16QAM	1851.5	15	0	2.999	Pass
		1882.5	15	0	3.001	Pass
		1913.5	15	0	3.029	Pass
5	QPSK	1852.5	25	0	5.318	Pass
		1882.5	25	0	5.253	Pass
		1912.5	25	0	5.281	Pass
	16QAM	1852.5	25	0	5.357	Pass
		1882.5	25	0	5.247	Pass
		1912.5	25	0	5.275	Pass
10	QPSK	1855	50	0	10.910	Pass
		1882.5	50	0	10.184	Pass
		1910	50	0	10.233	Pass
	16QAM	1855	50	0	10.233	Pass
		1882.5	50	0	10.150	Pass
		1910	50	0	10.476	Pass
15	QPSK	1857.5	75	0	15.589	Pass
		1882.5	75	0	15.247	Pass
		1907.5	75	0	15.422	Pass
	16QAM	1857.5	75	0	15.367	Pass
		1882.5	75	0	15.330	Pass
		1907.5	75	0	15.249	Pass
20	QPSK	1860	100	0	20.343	Pass
		1882.5	100	0	20.086	Pass
		1905	100	0	19.940	Pass
	16QAM	1860	100	0	20.154	Pass
		1882.5	100	0	20.059	Pass
		1905	100	0	20.005	Pass

4.2.2 Test Graph

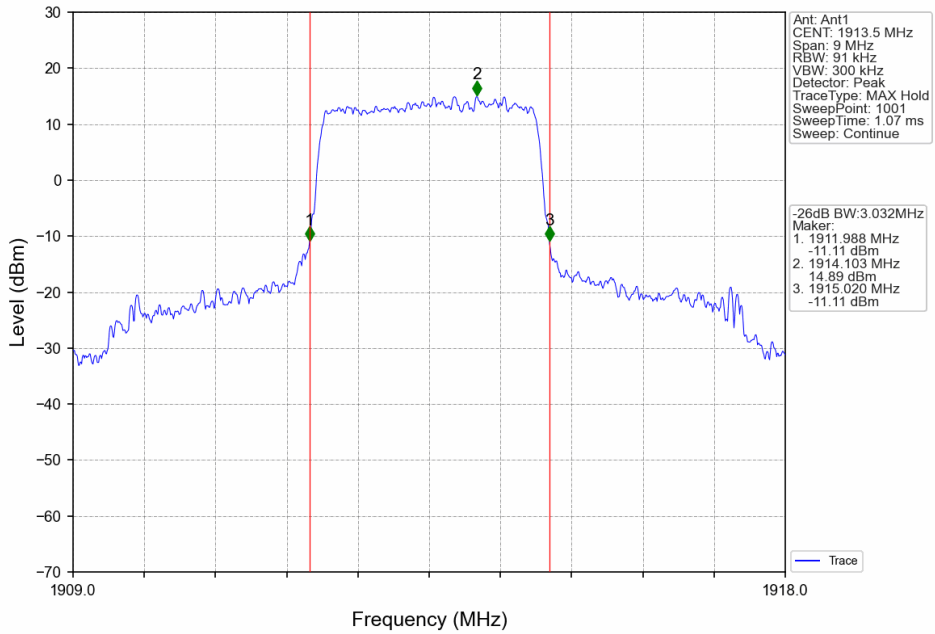




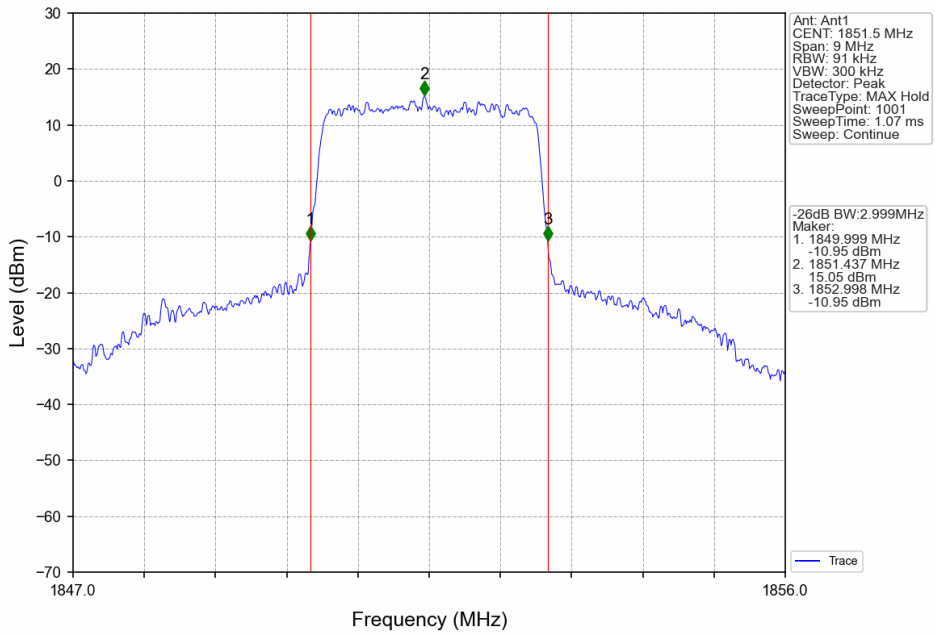


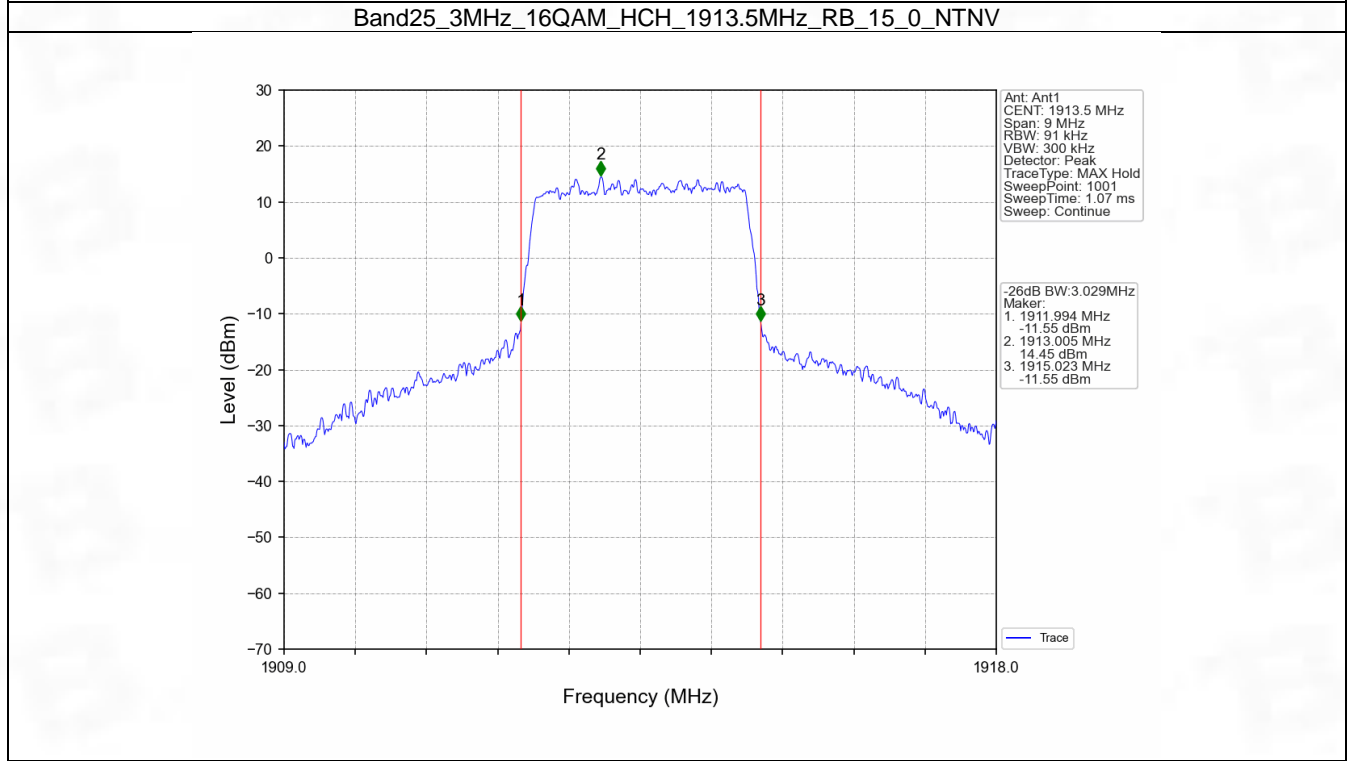
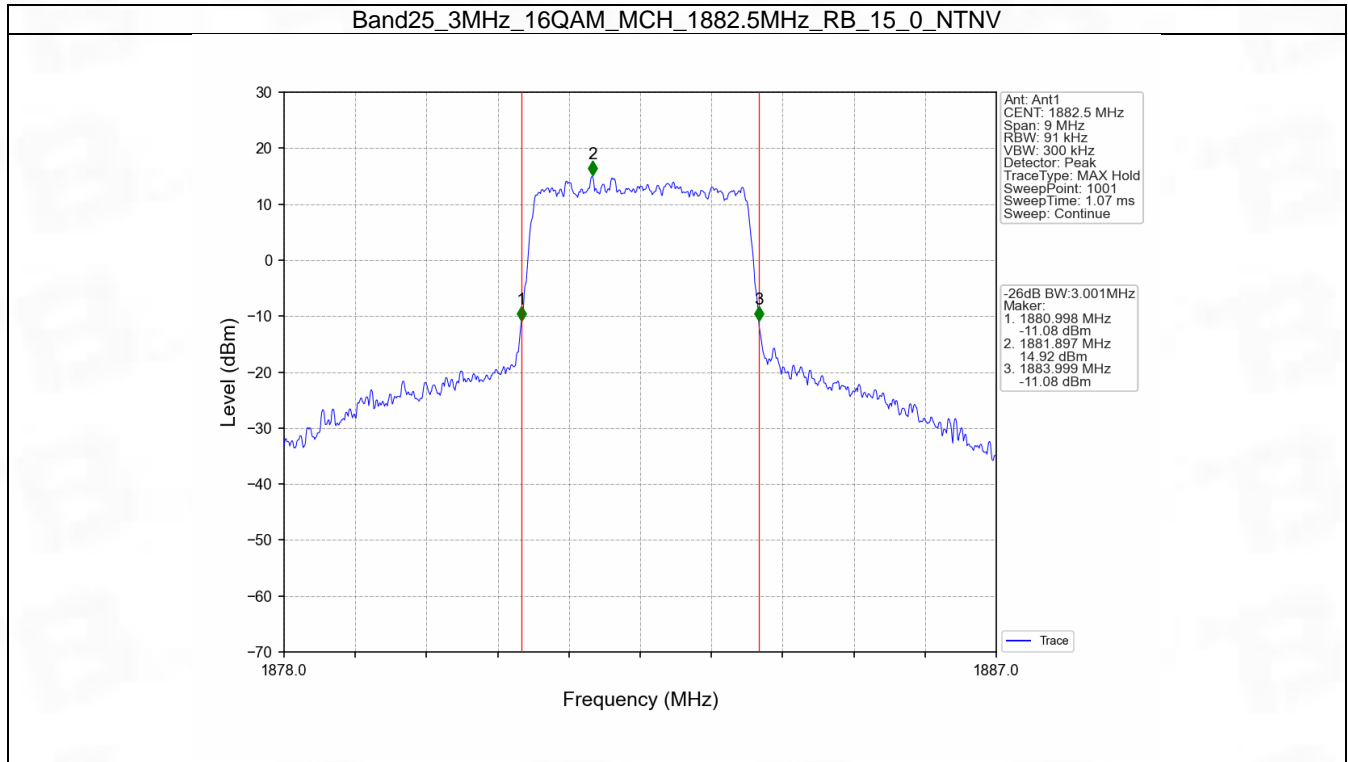


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

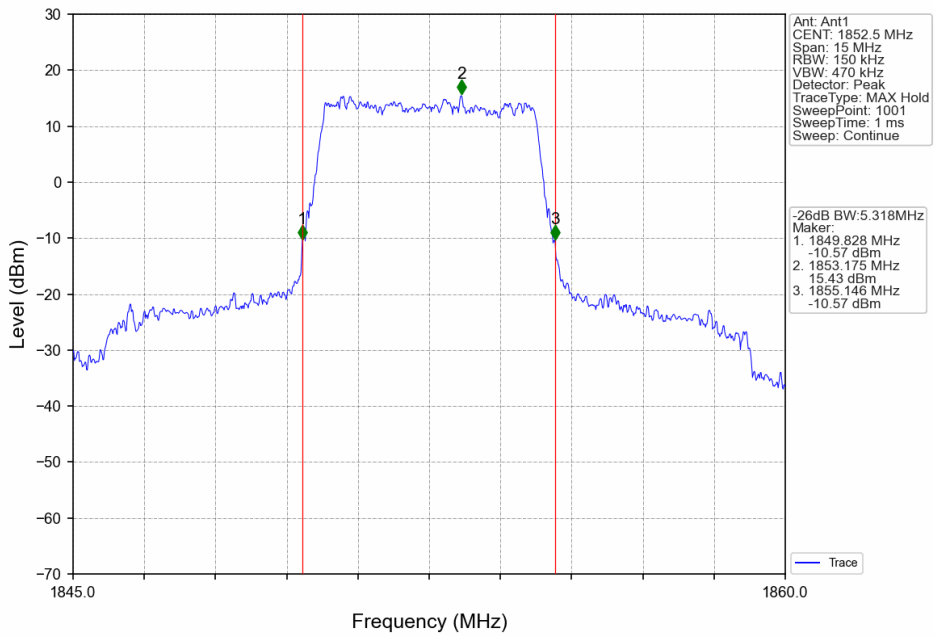


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

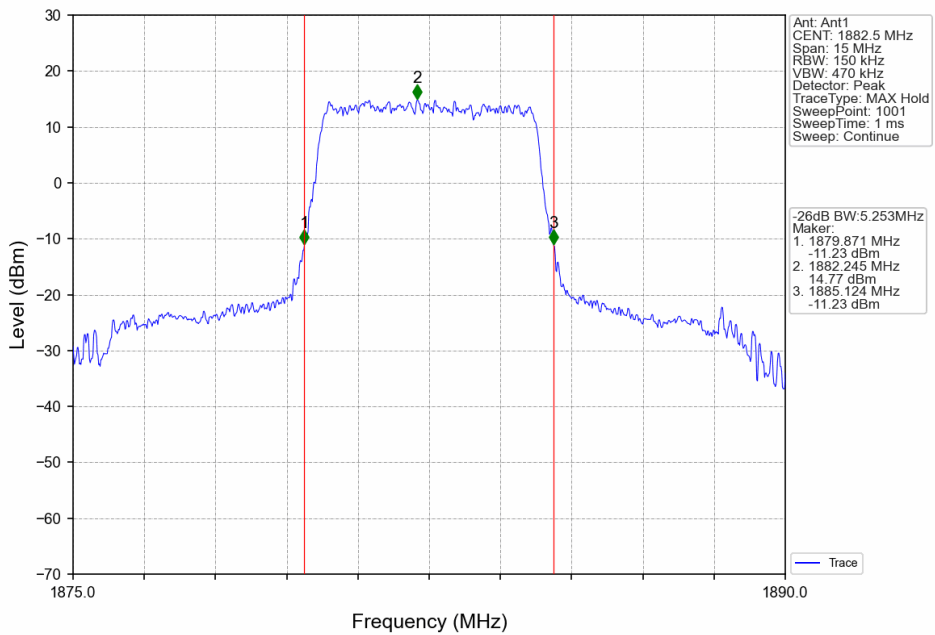


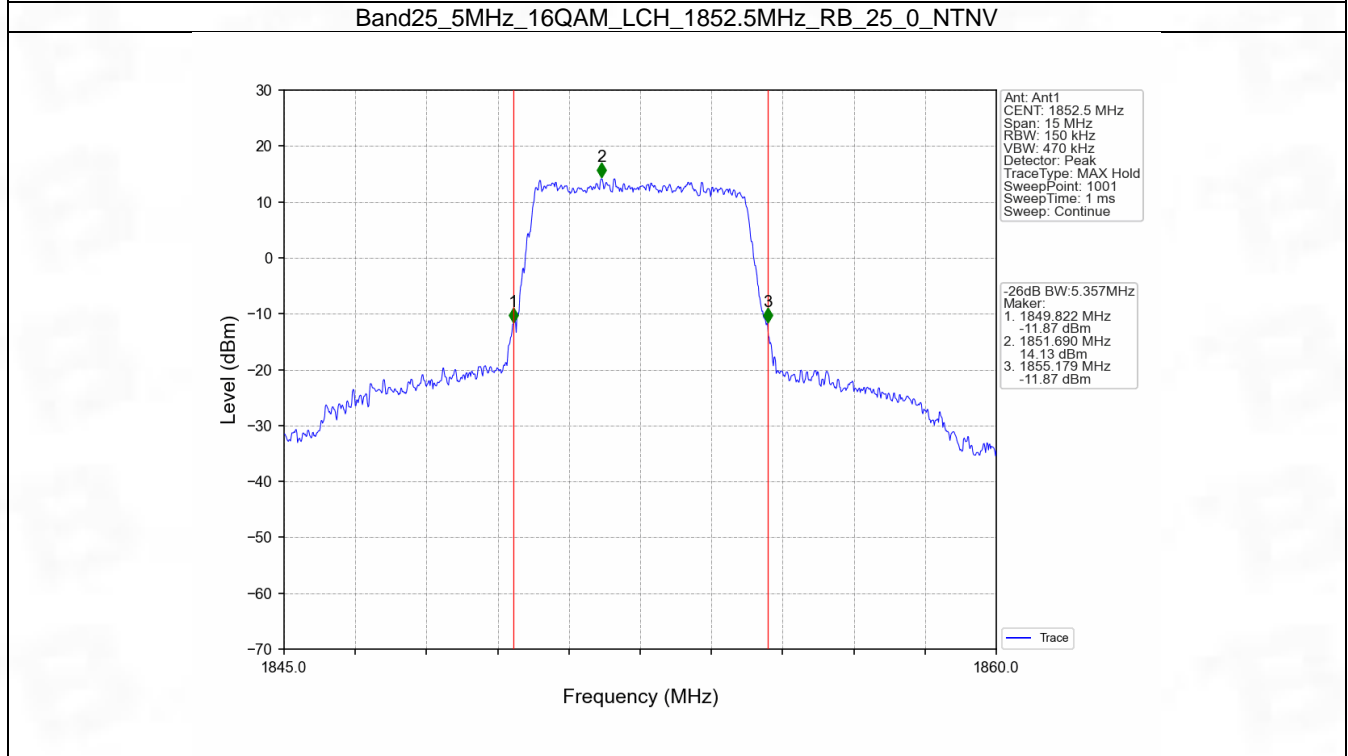
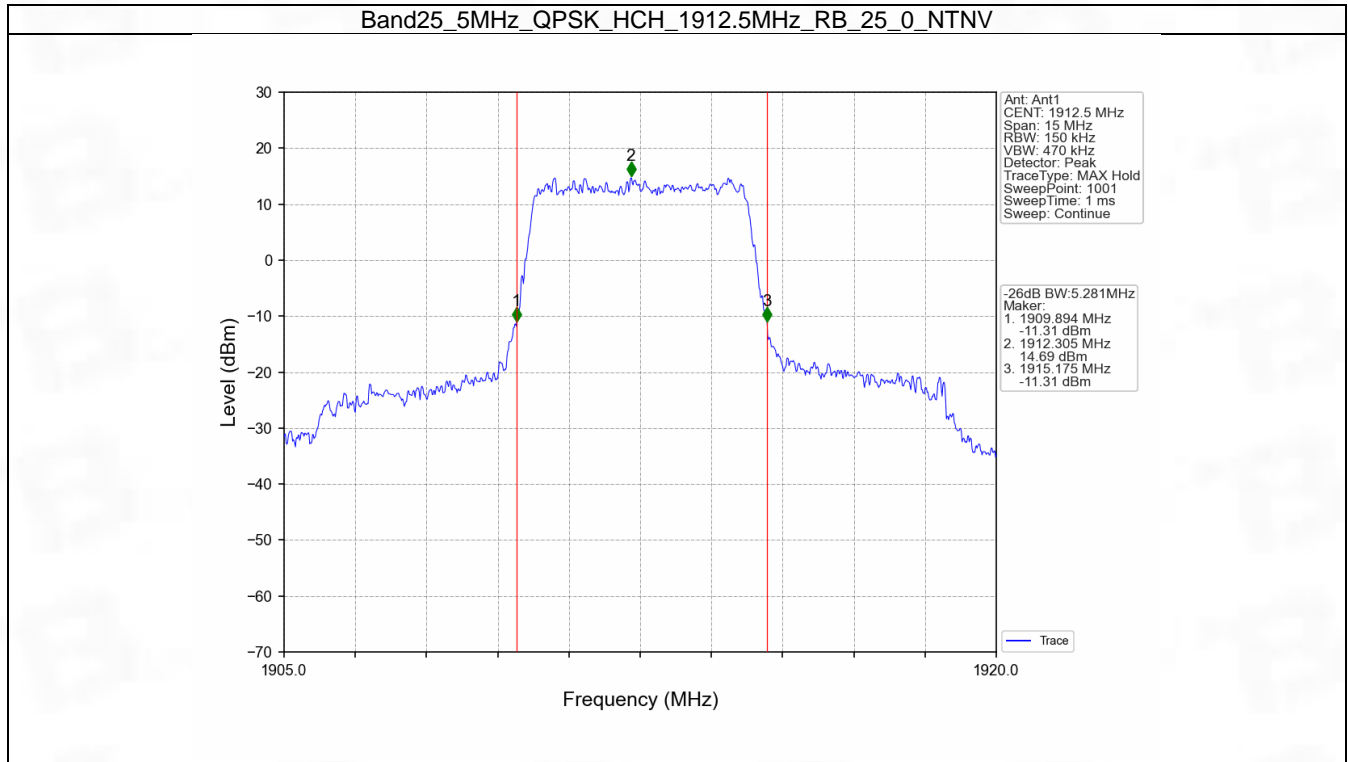


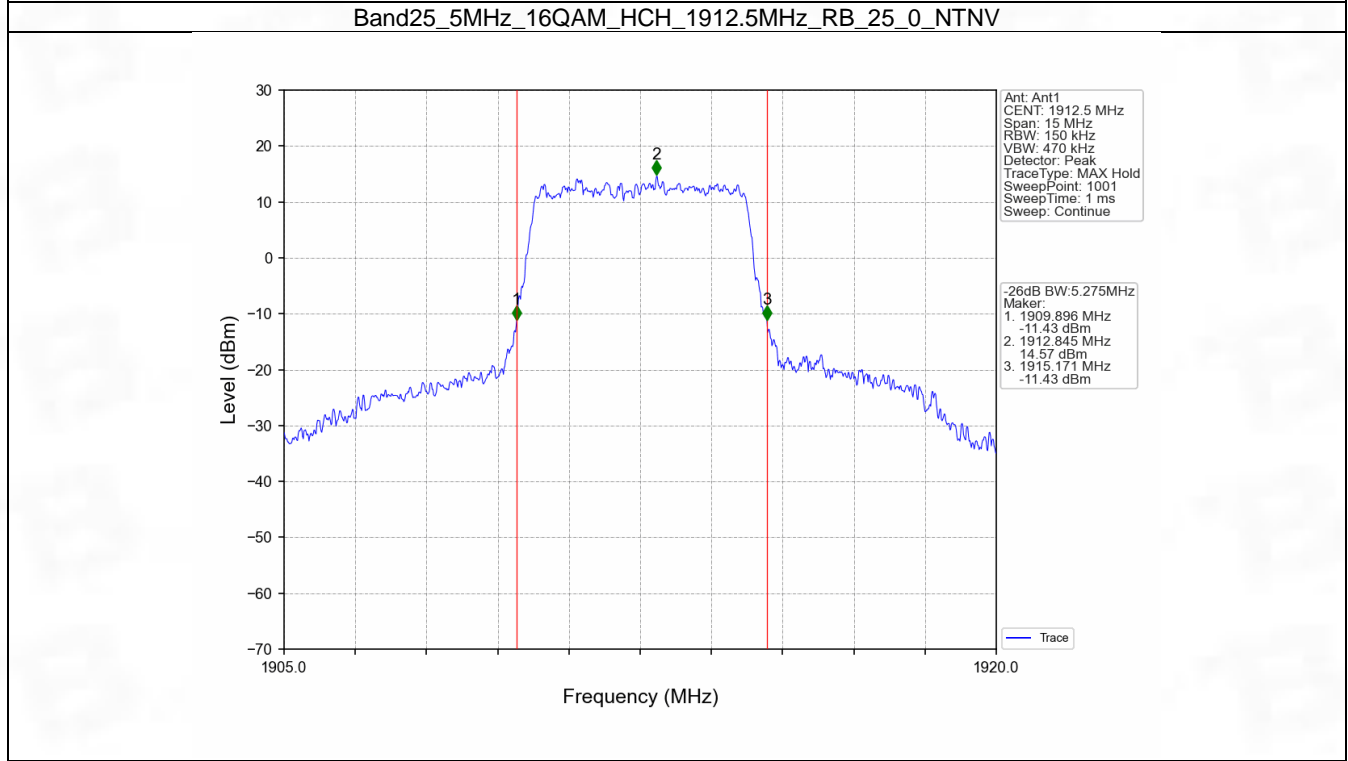
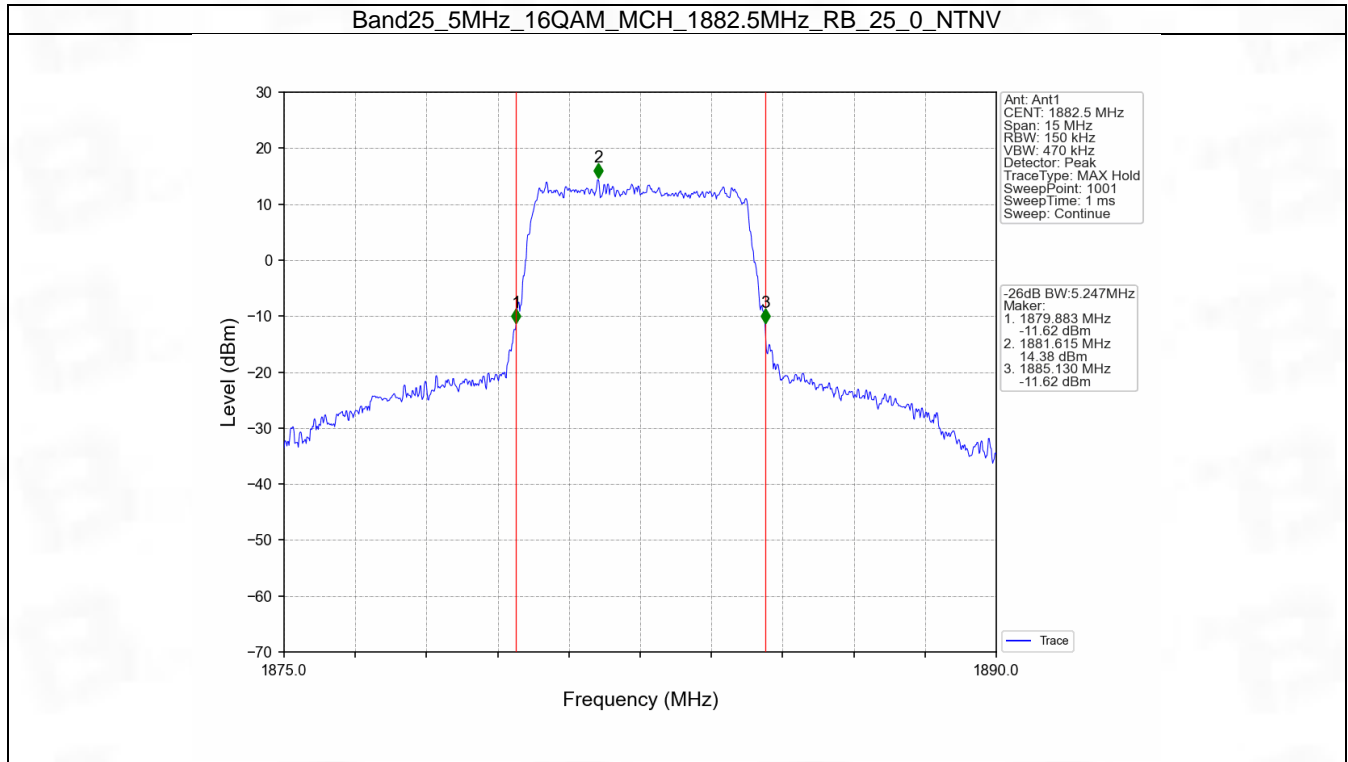
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



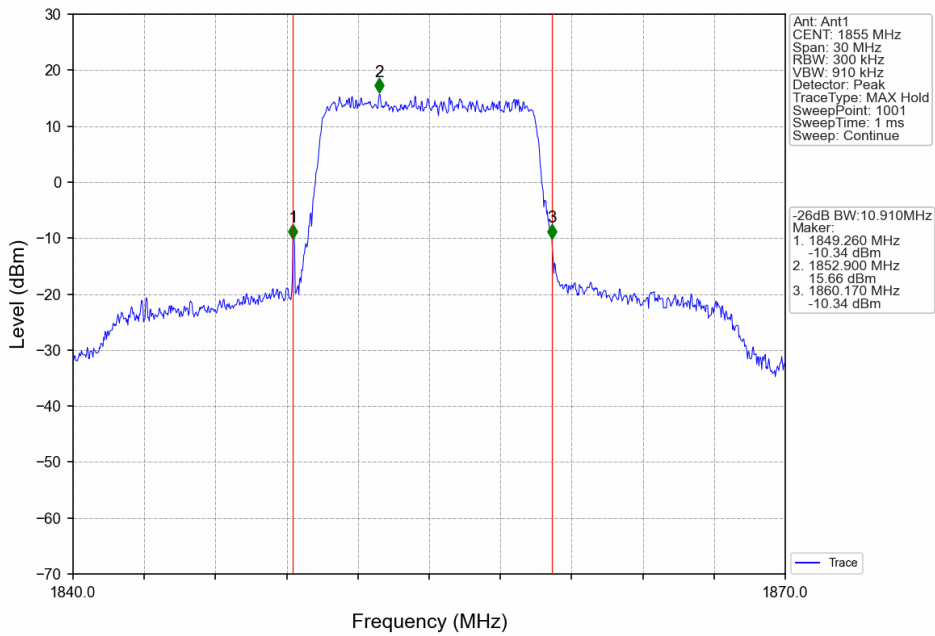
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



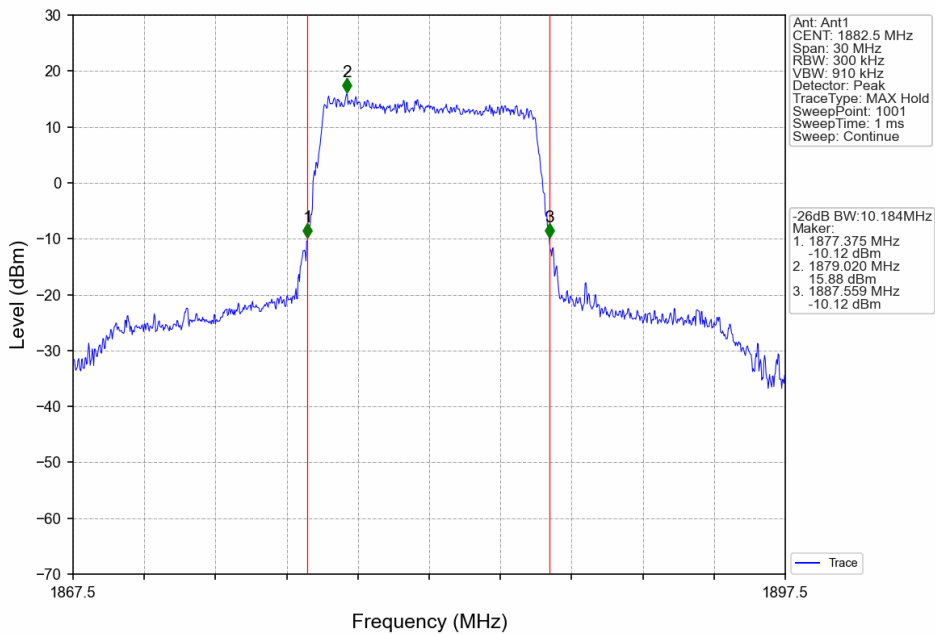




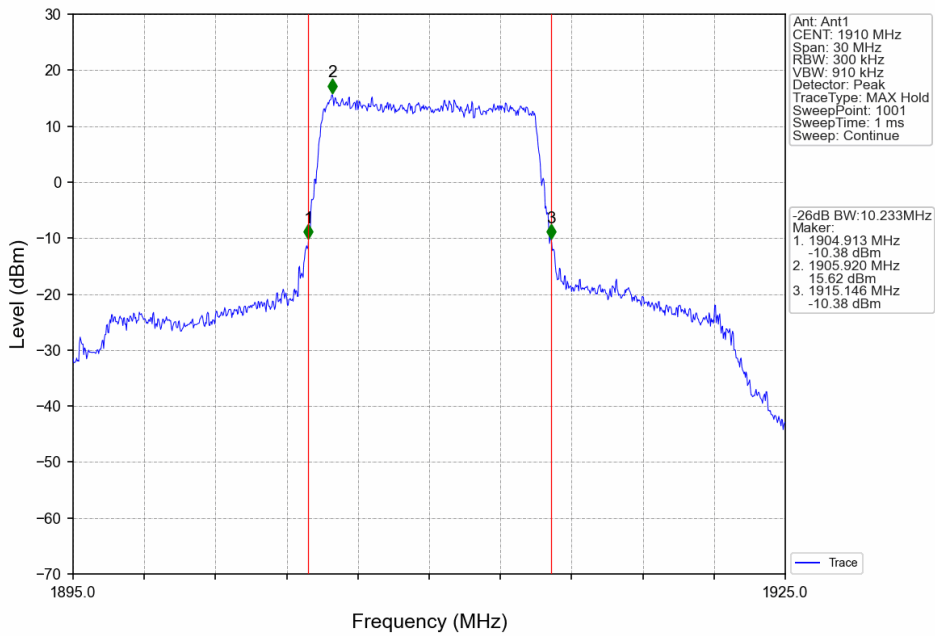
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



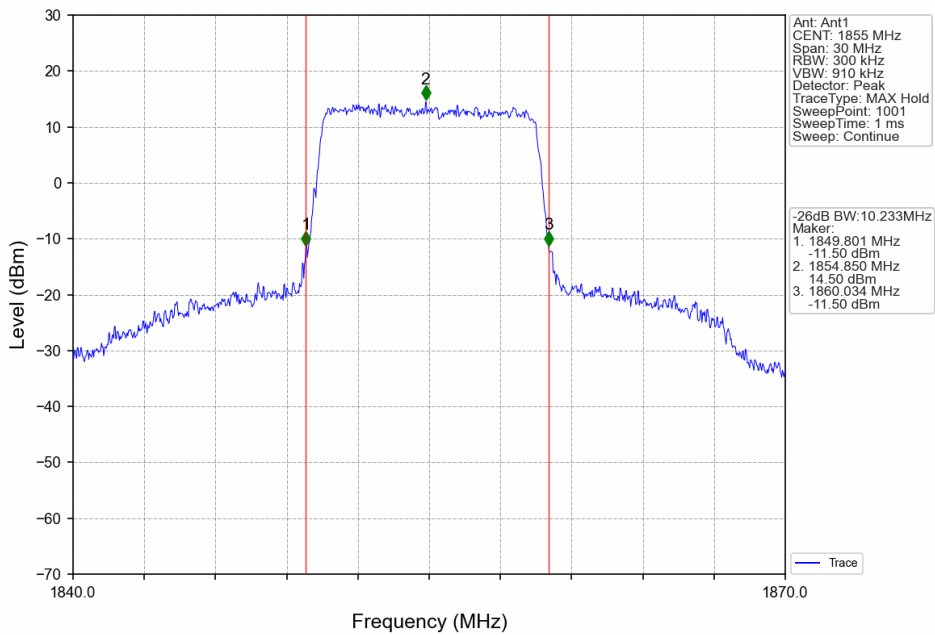
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



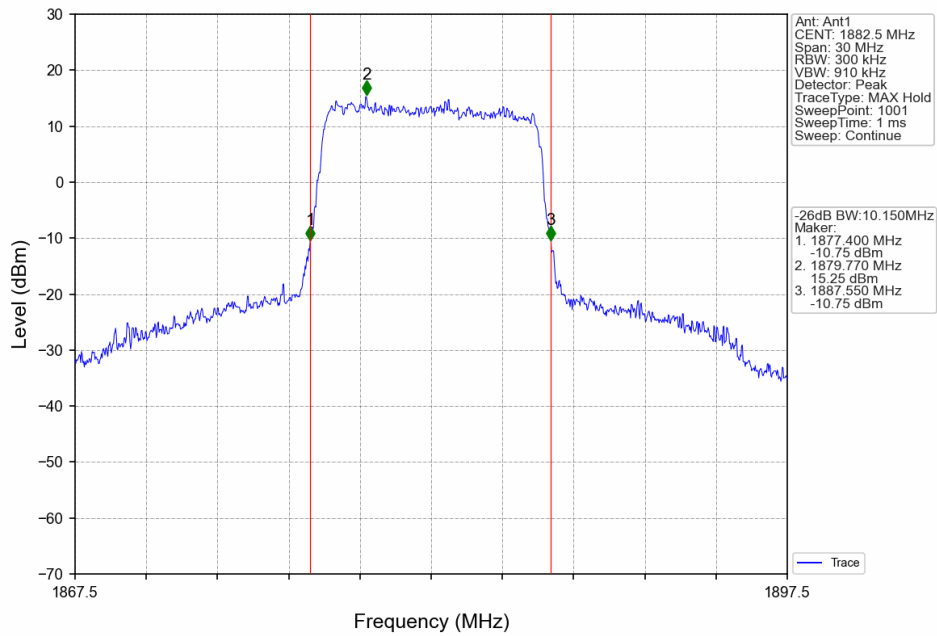
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



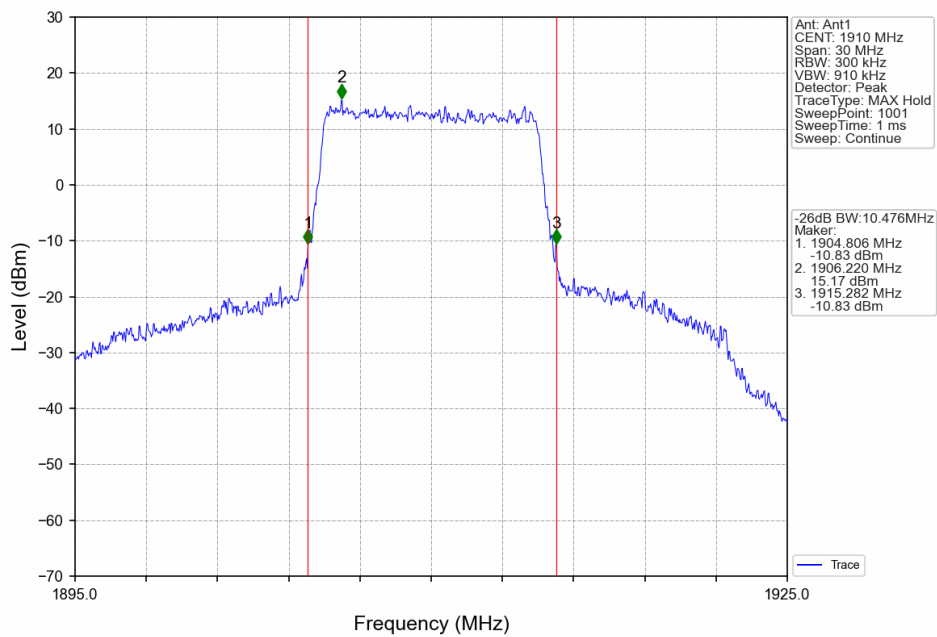
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

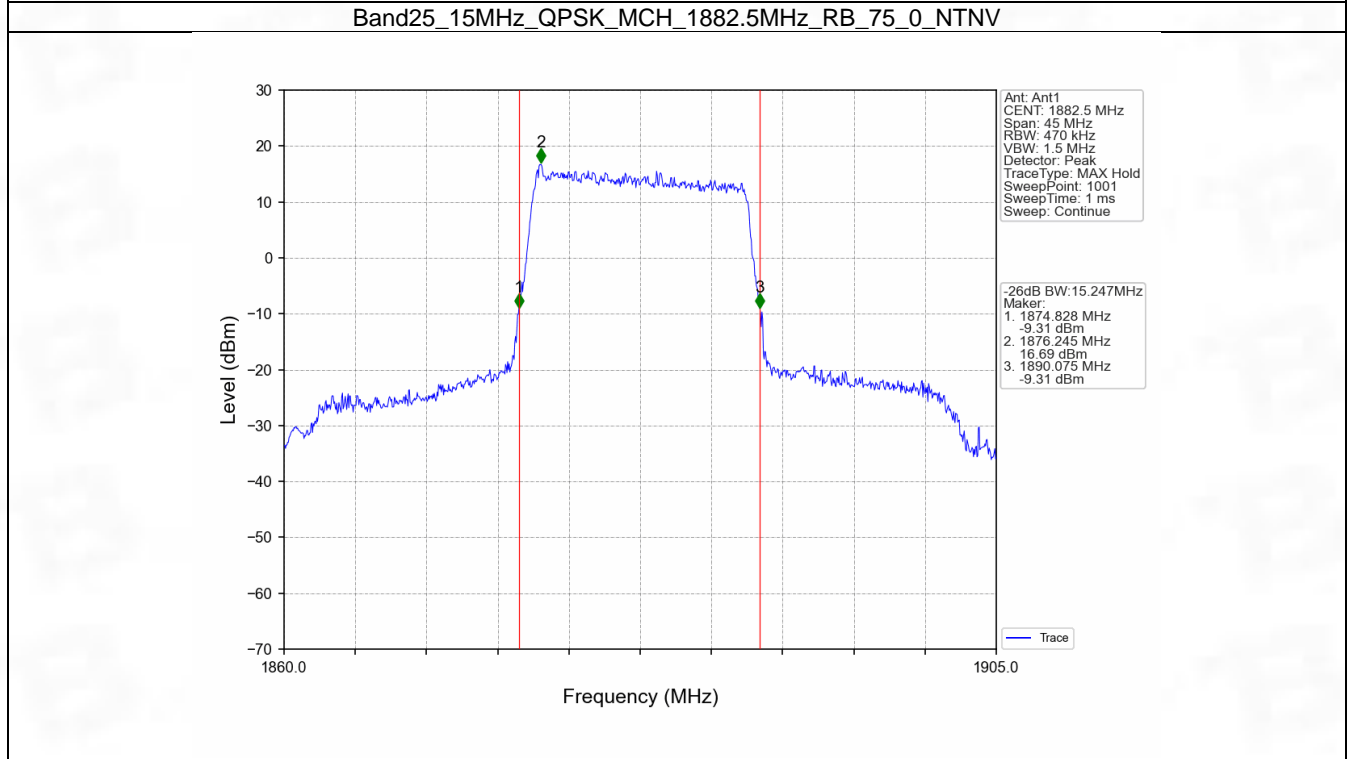
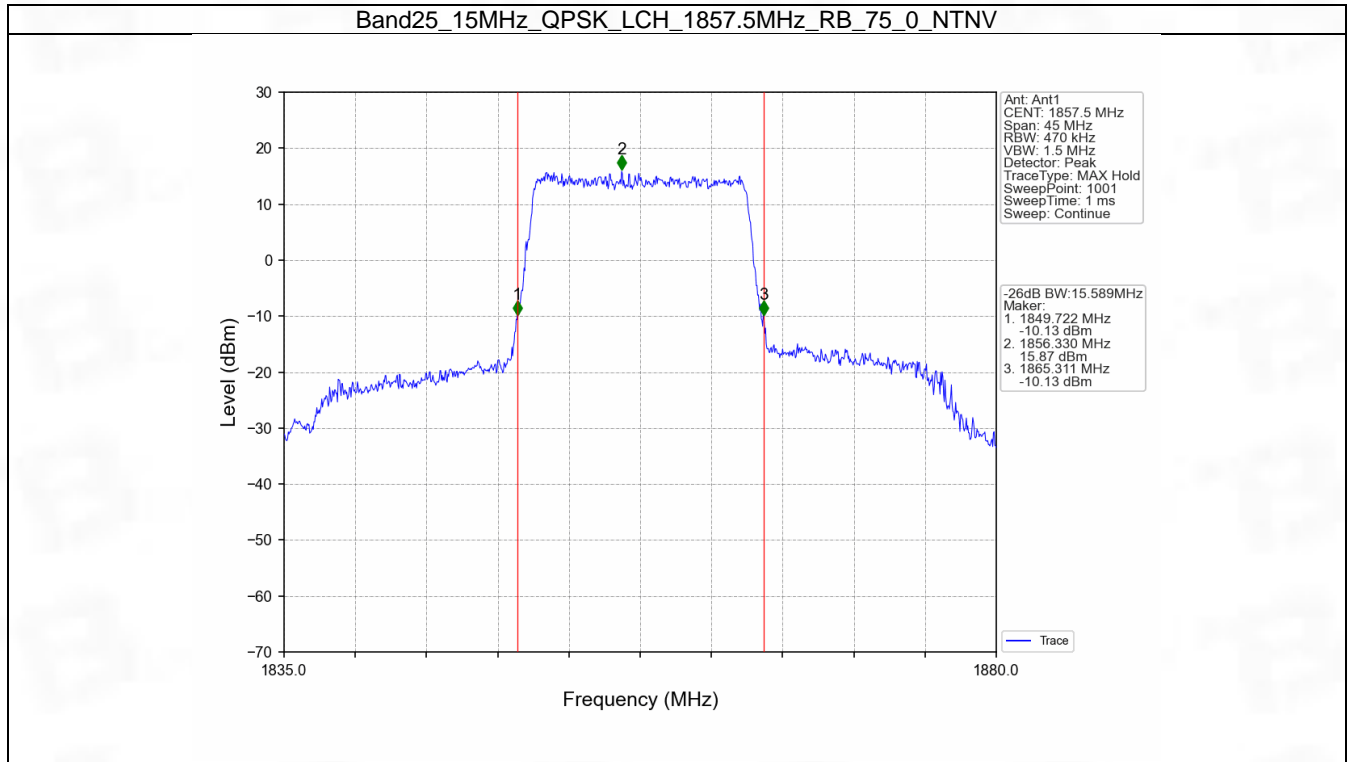


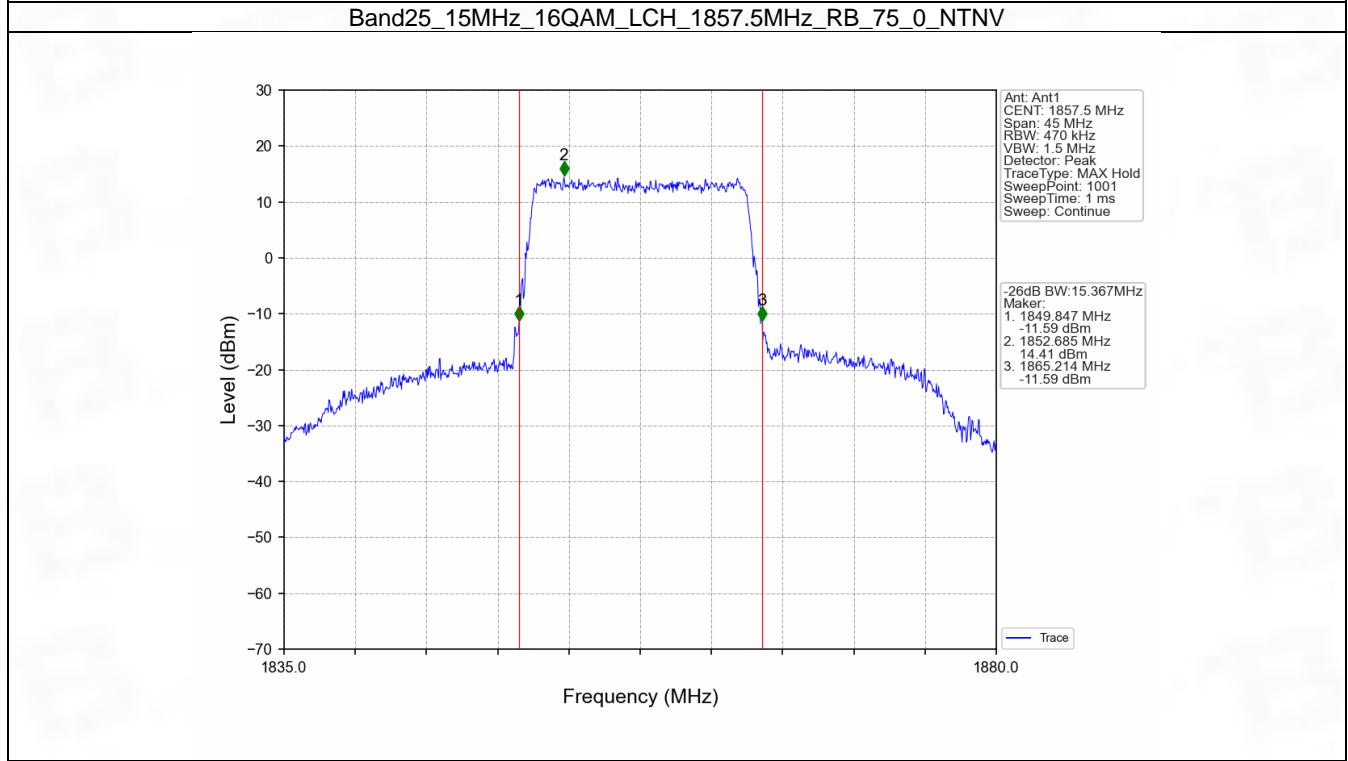
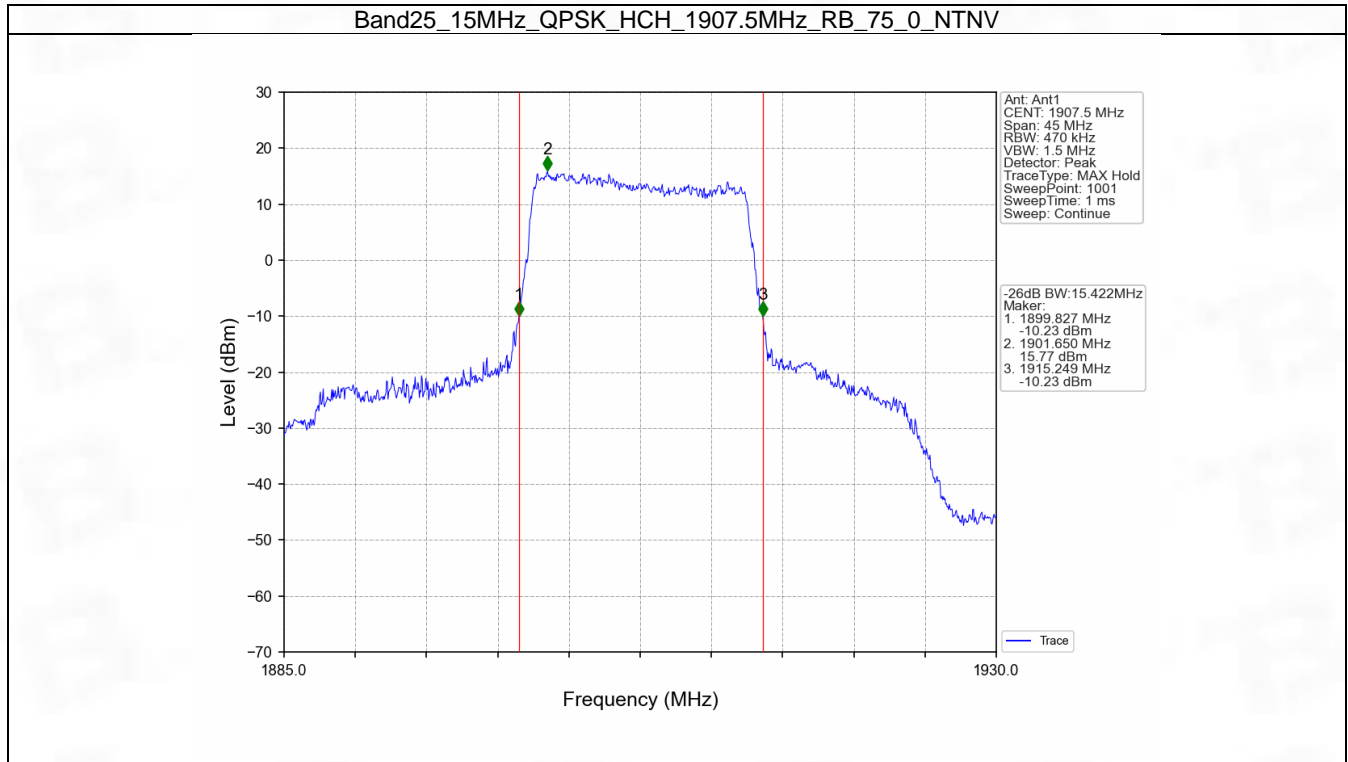
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



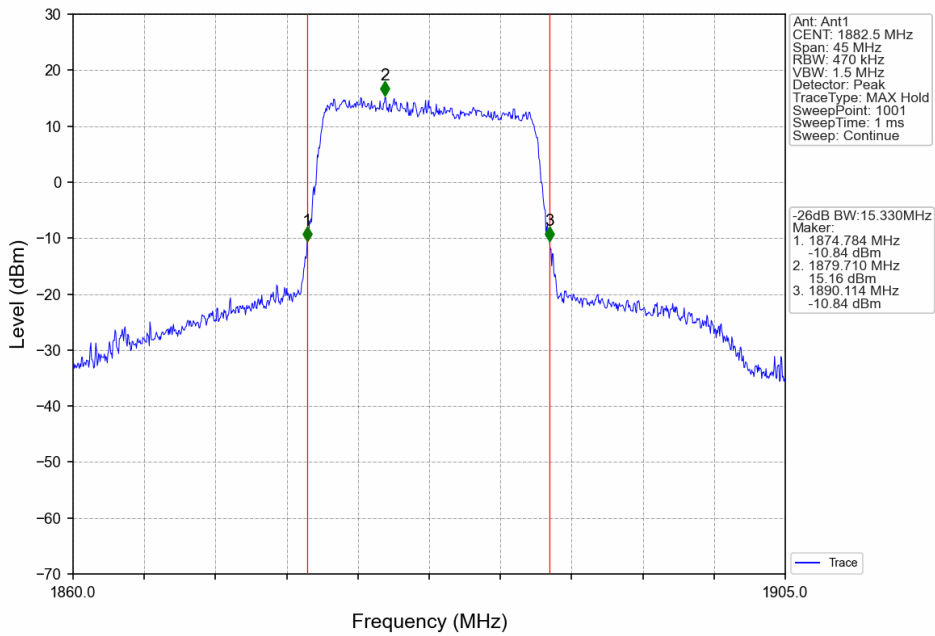
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



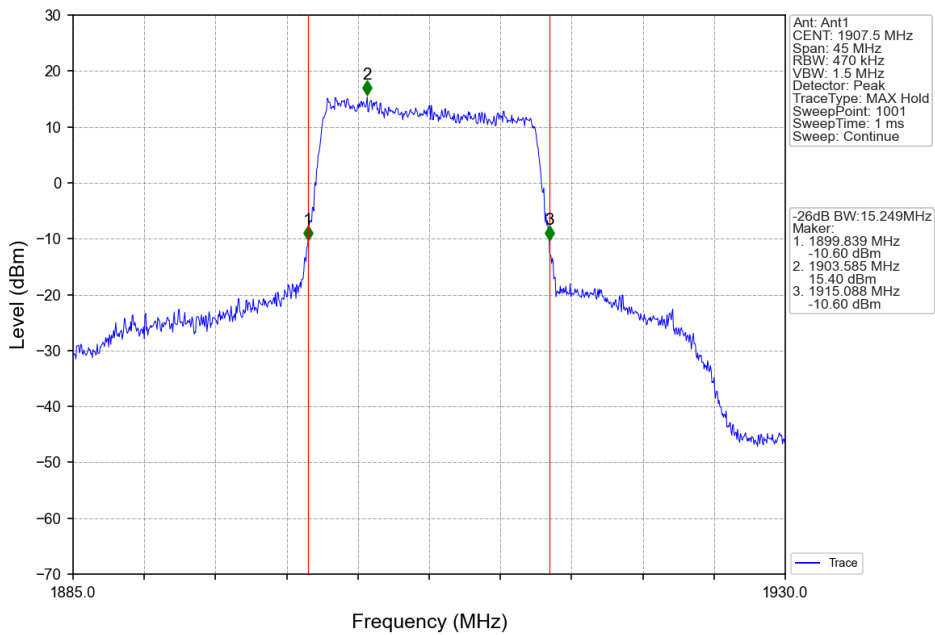


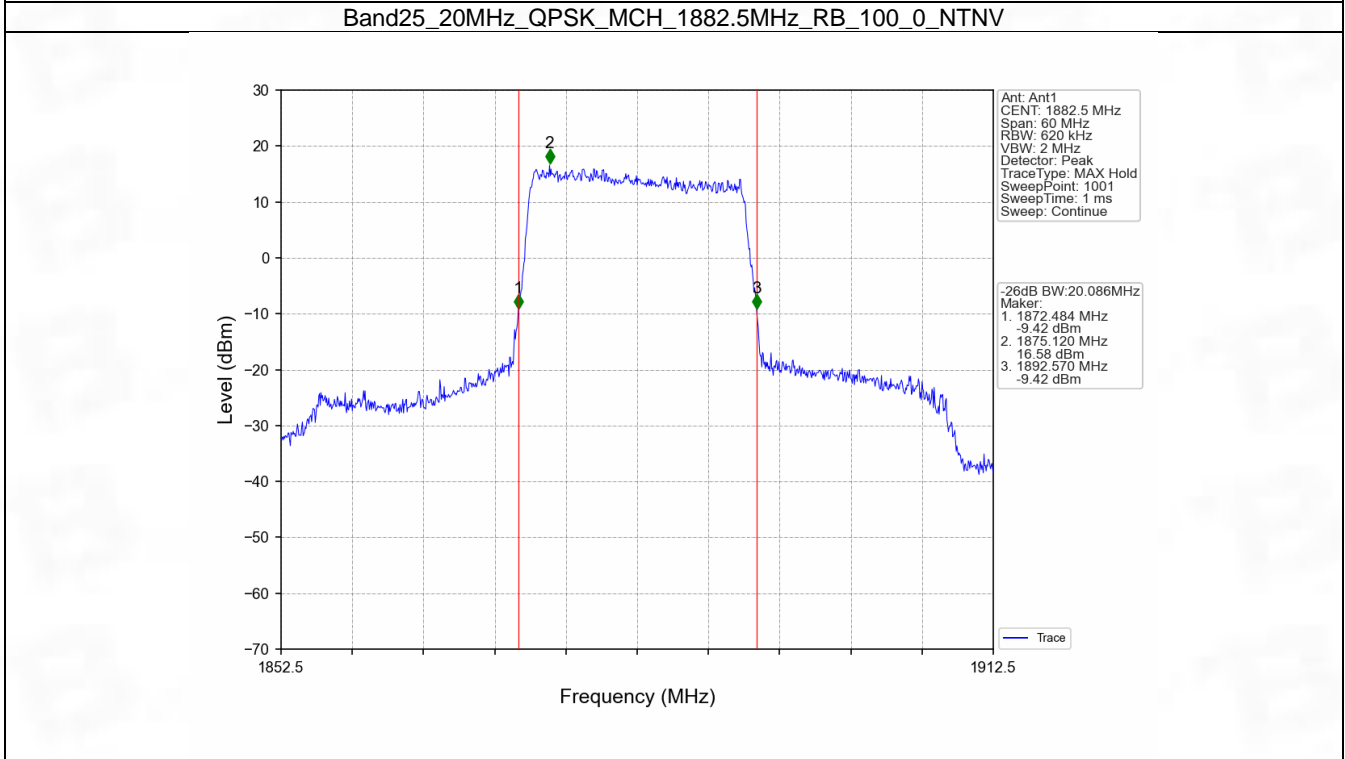
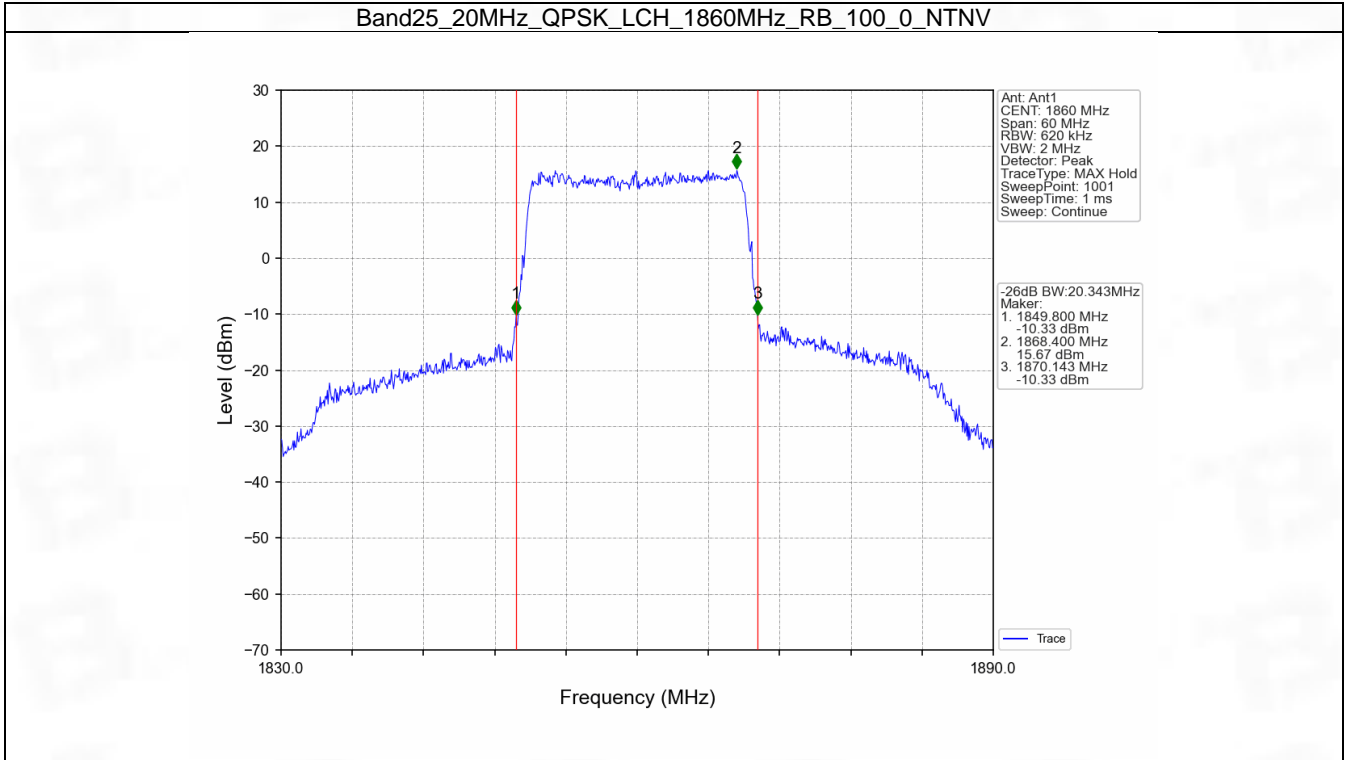


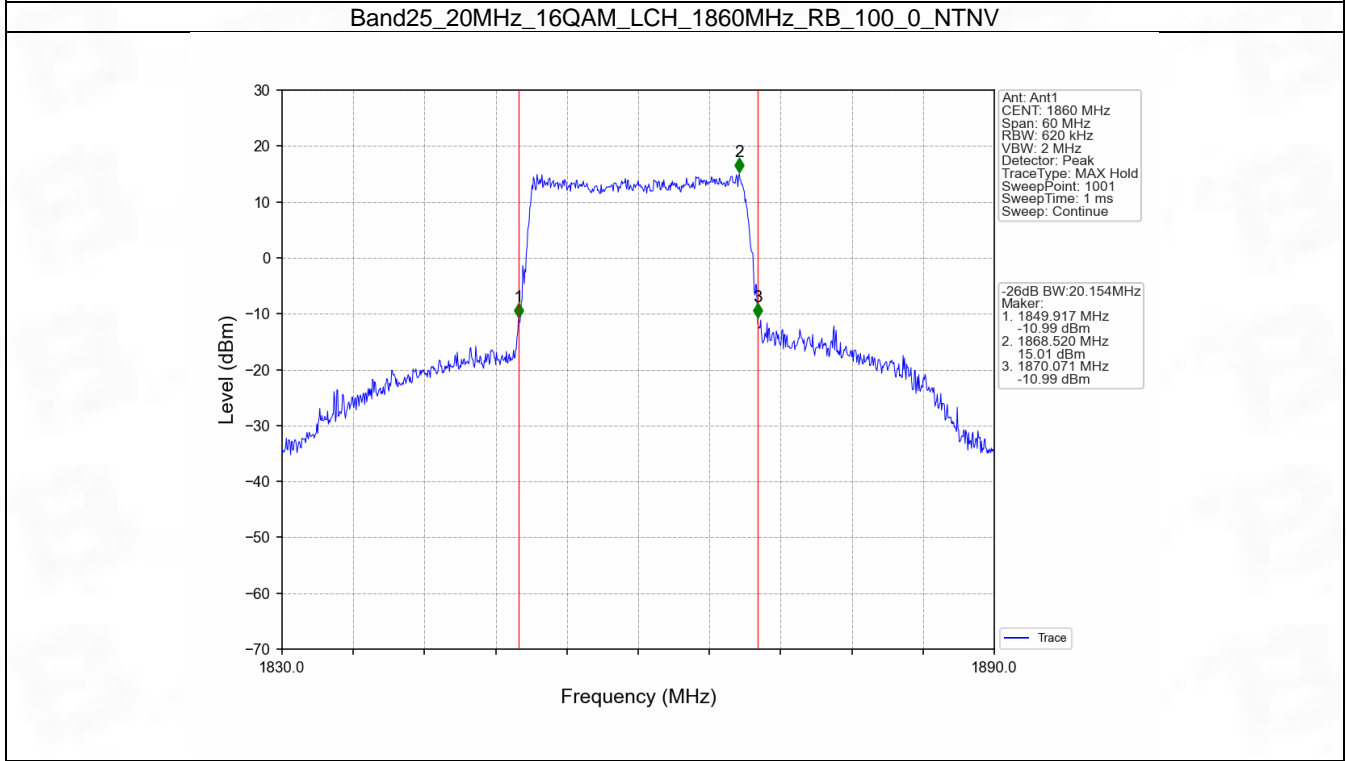
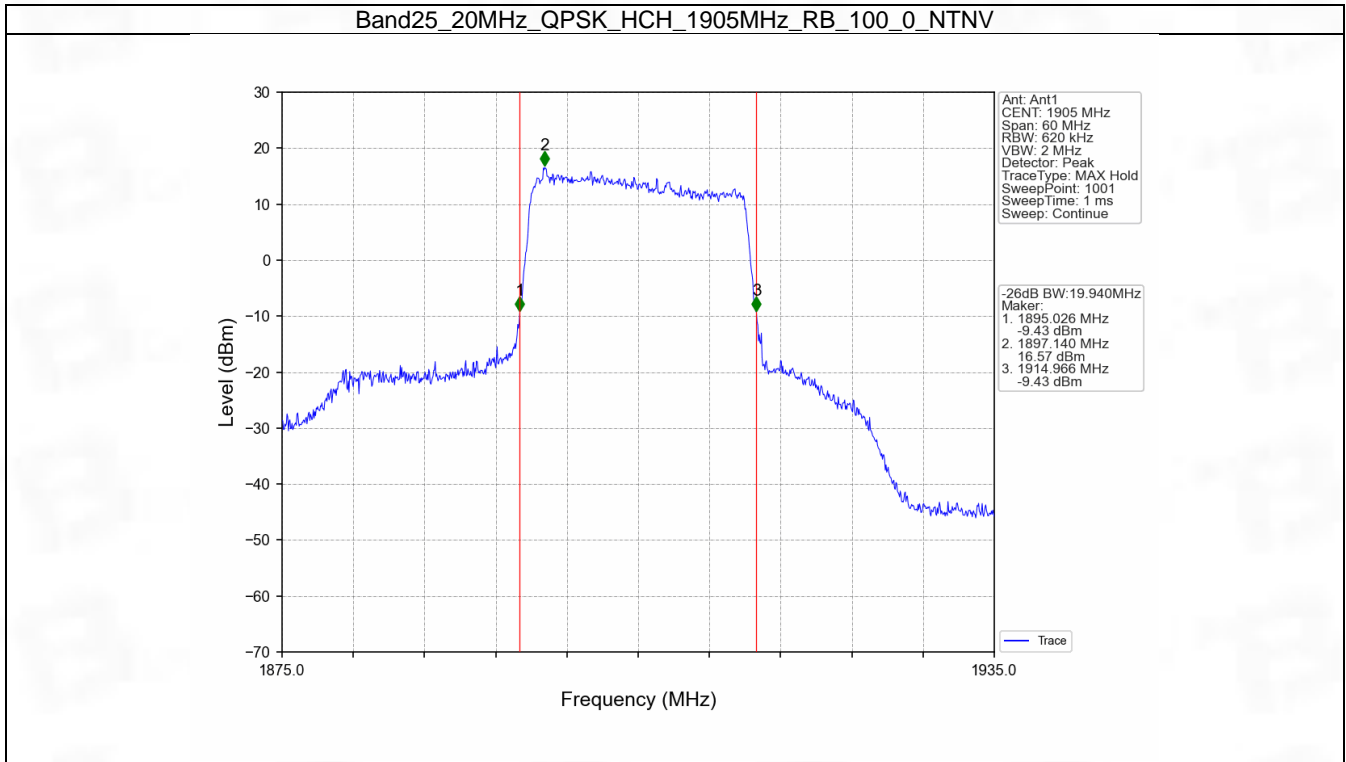
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



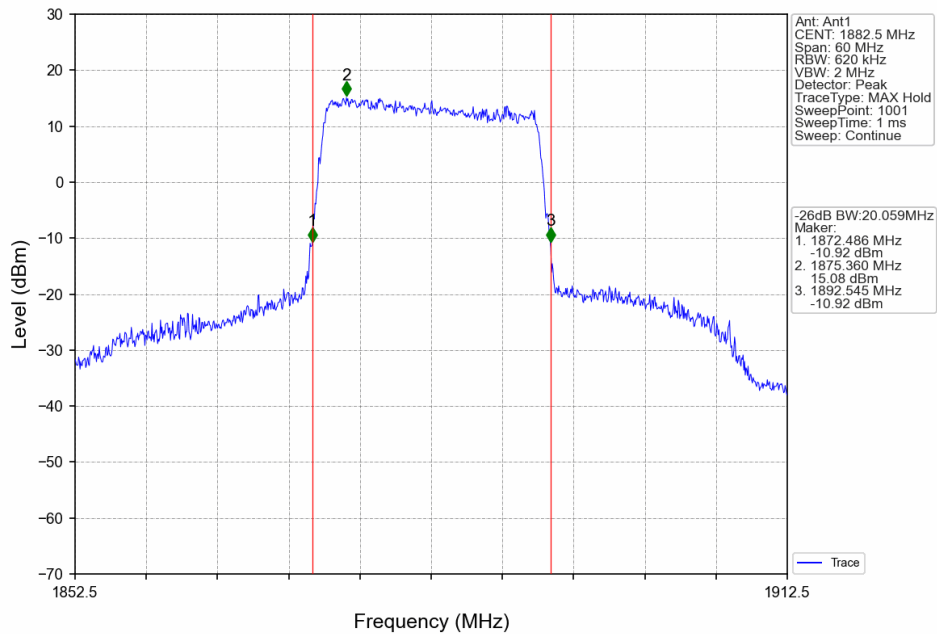
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



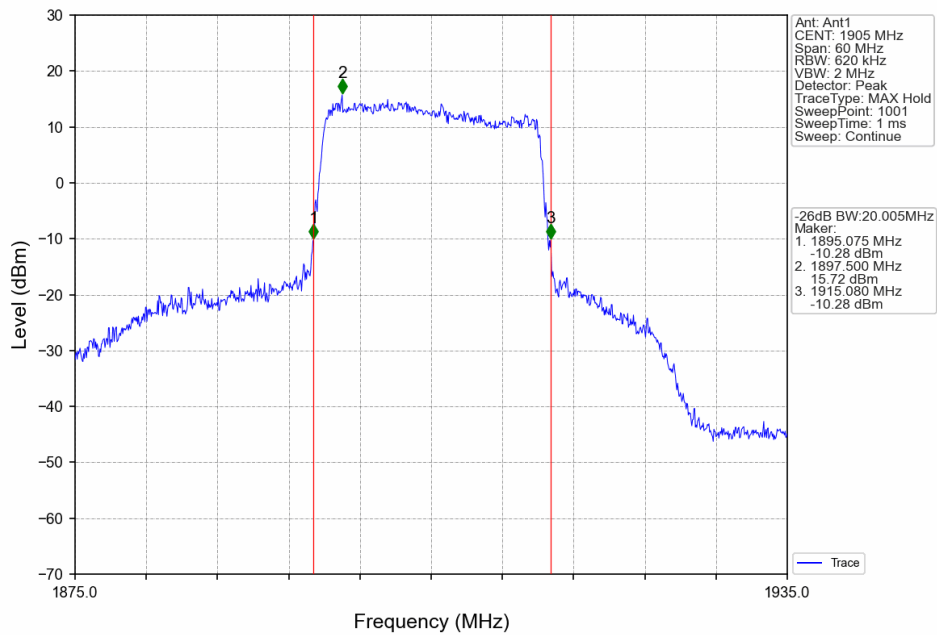




Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



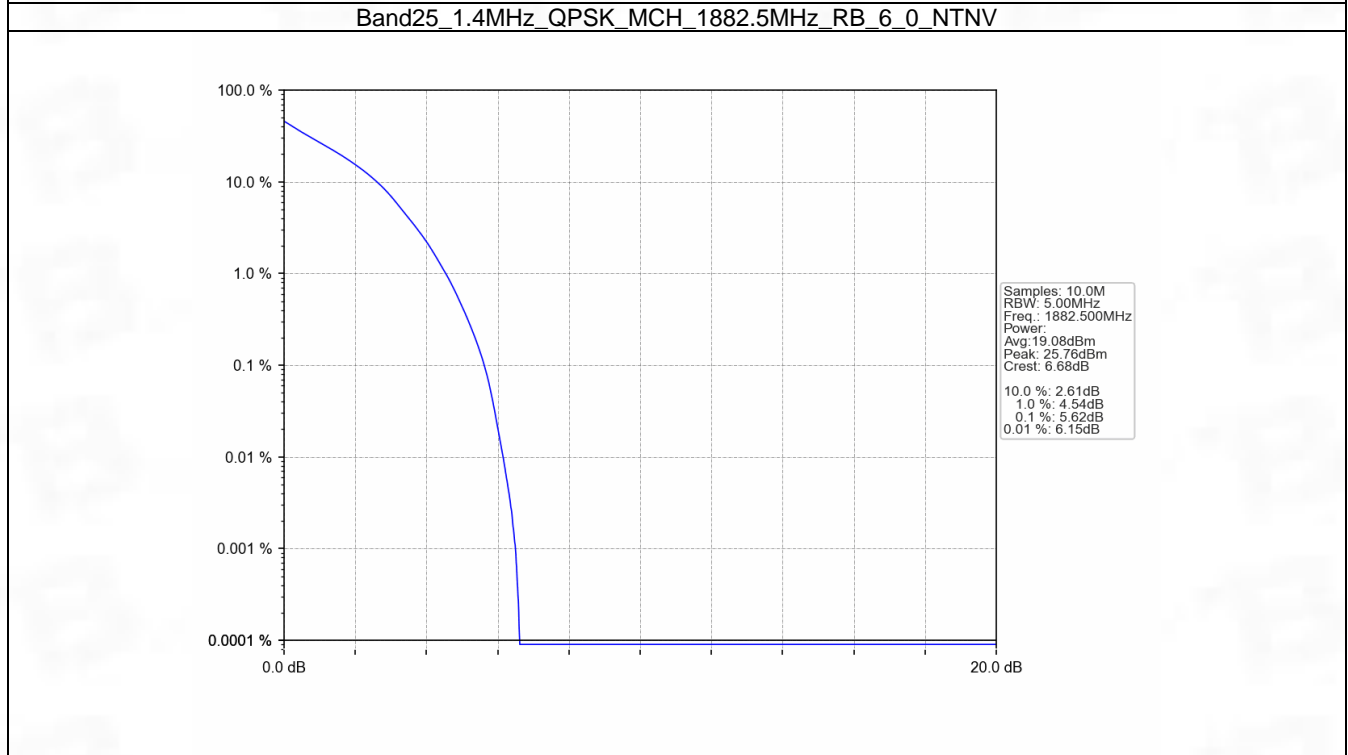
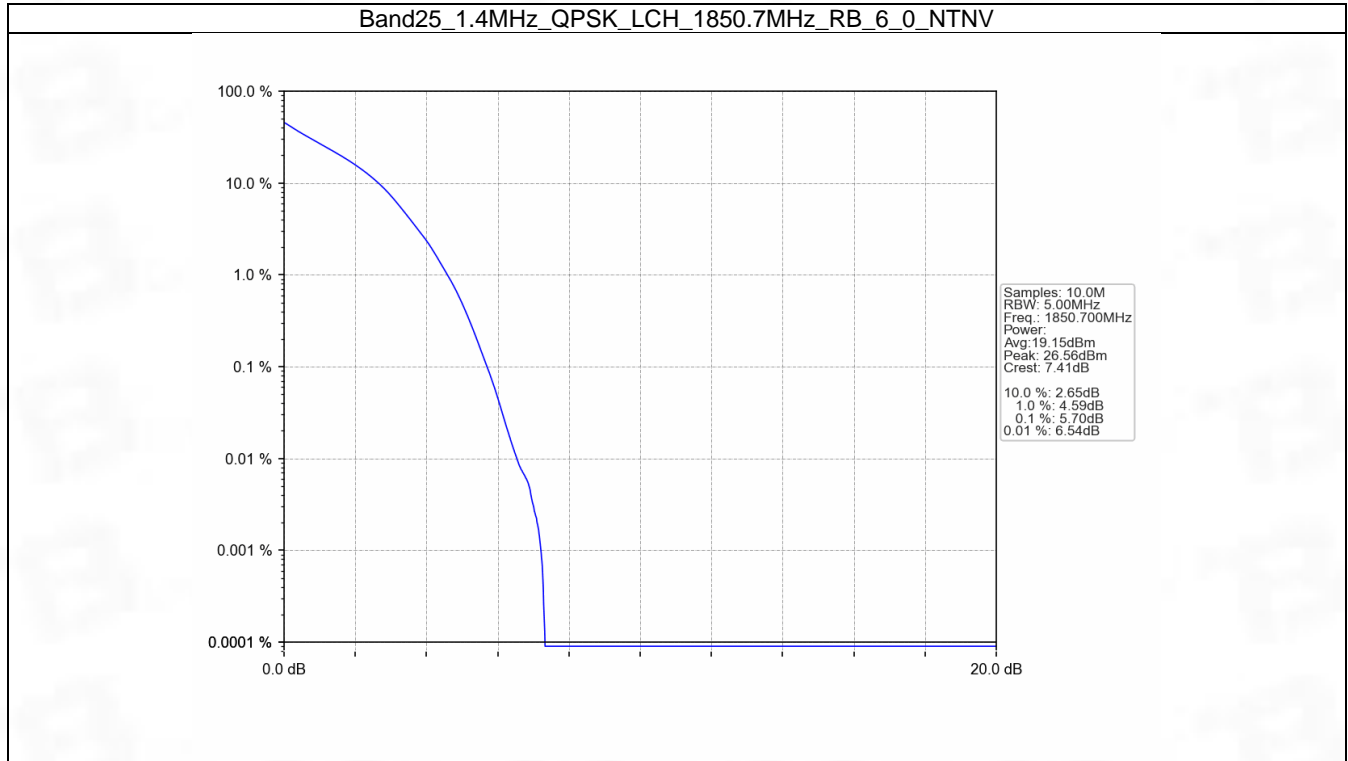
5. Peak-Average Ratio

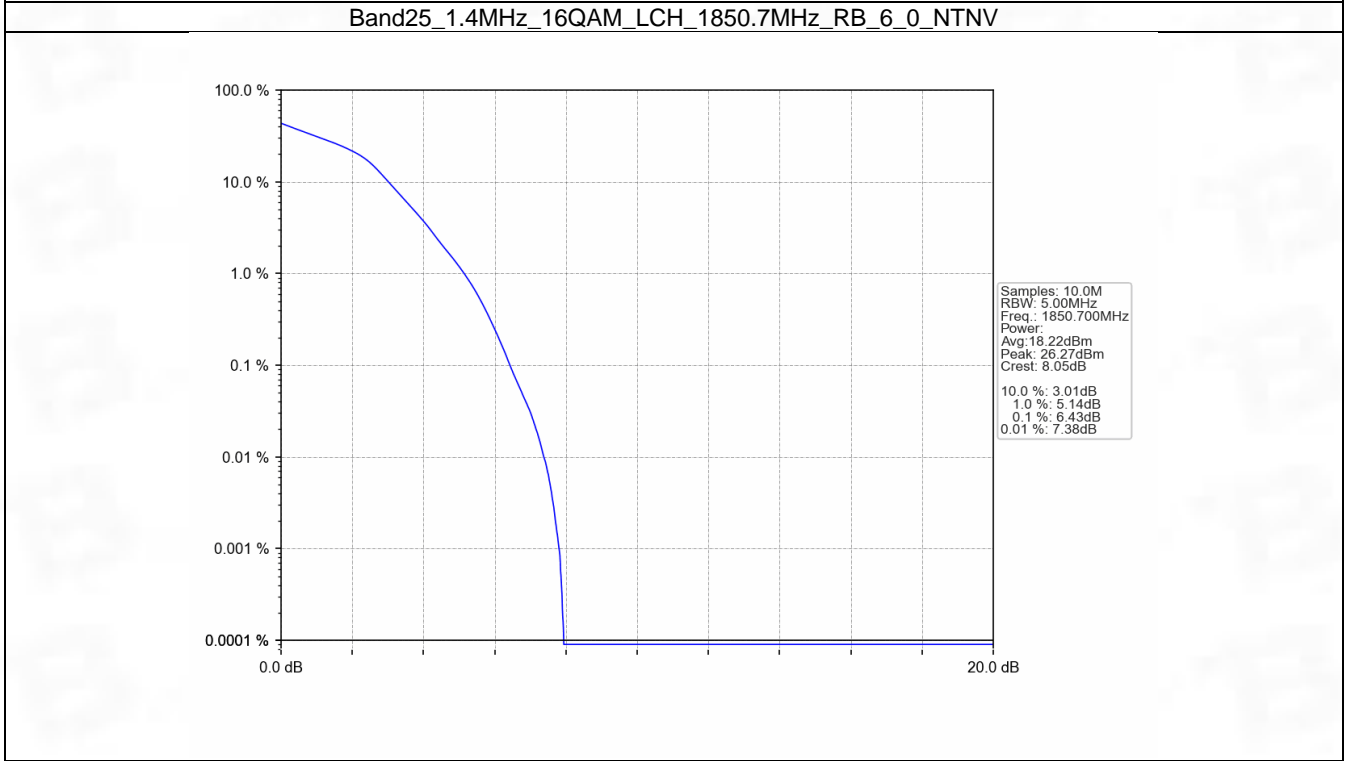
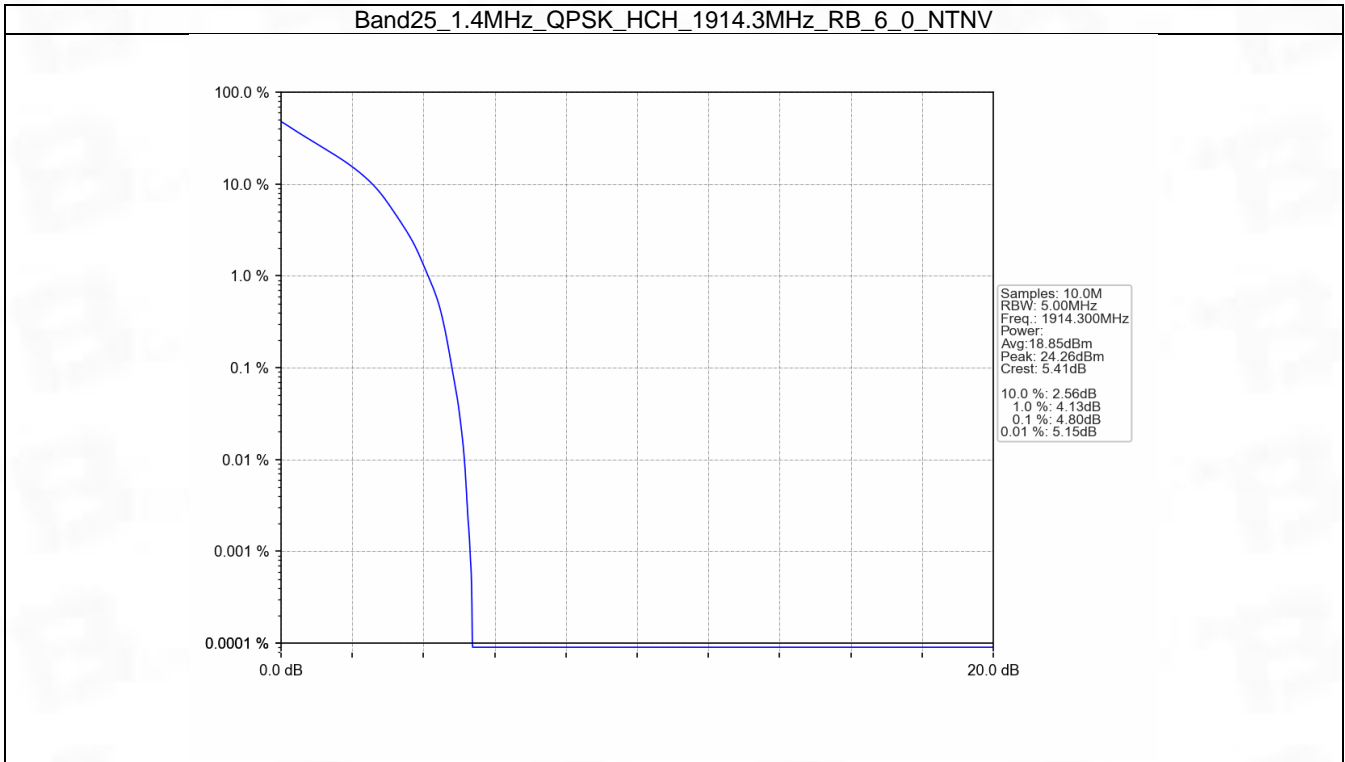
5.1 B25_1.4MHz

5.1.1 Test Result

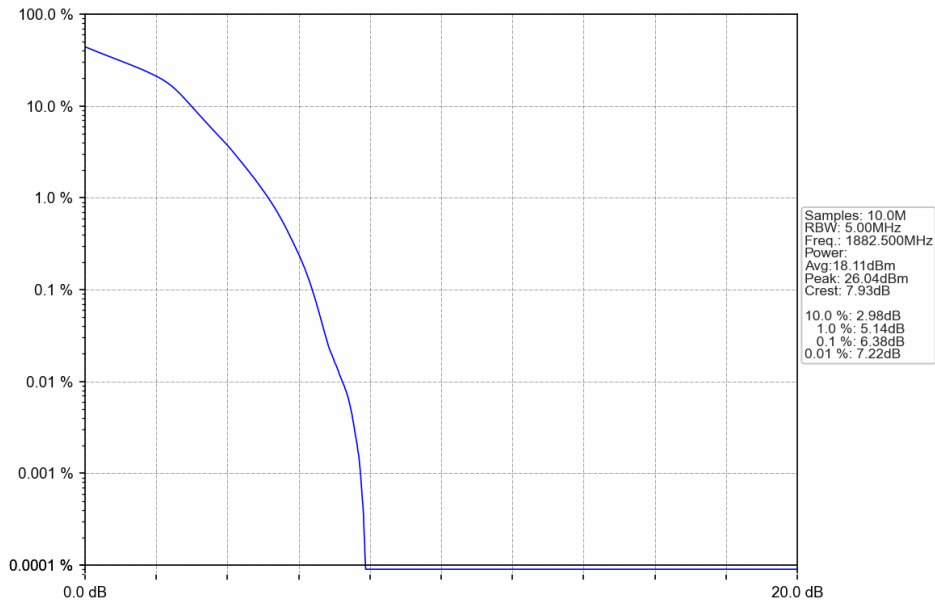
Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.70	<=13	Pass
	1882.5	6	0	5.62	<=13	Pass
	1914.3	6	0	4.80	<=13	Pass
16QAM	1850.7	6	0	6.43	<=13	Pass
	1882.5	6	0	6.38	<=13	Pass
	1914.3	6	0	5.67	<=13	Pass

5.1.2 Test Graph

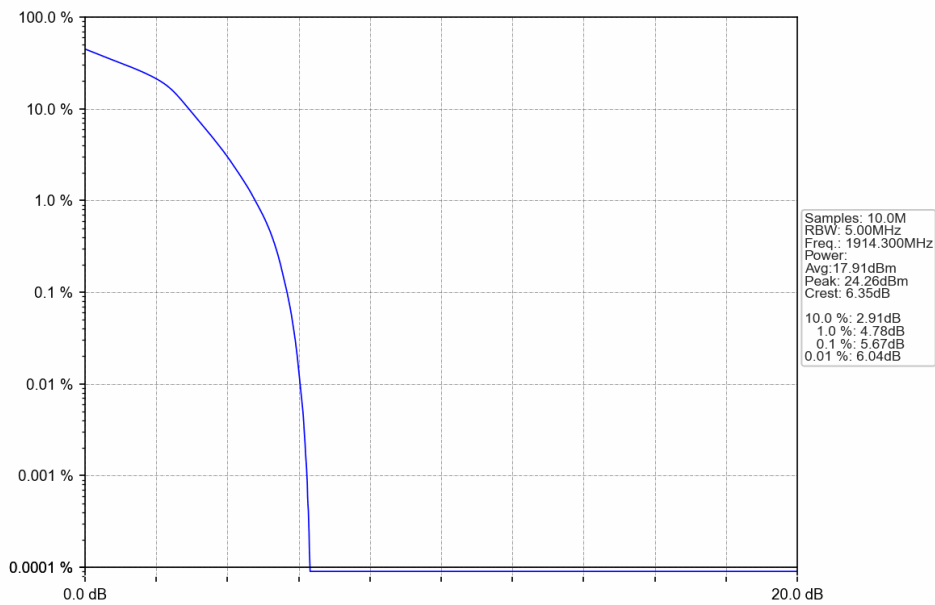




Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



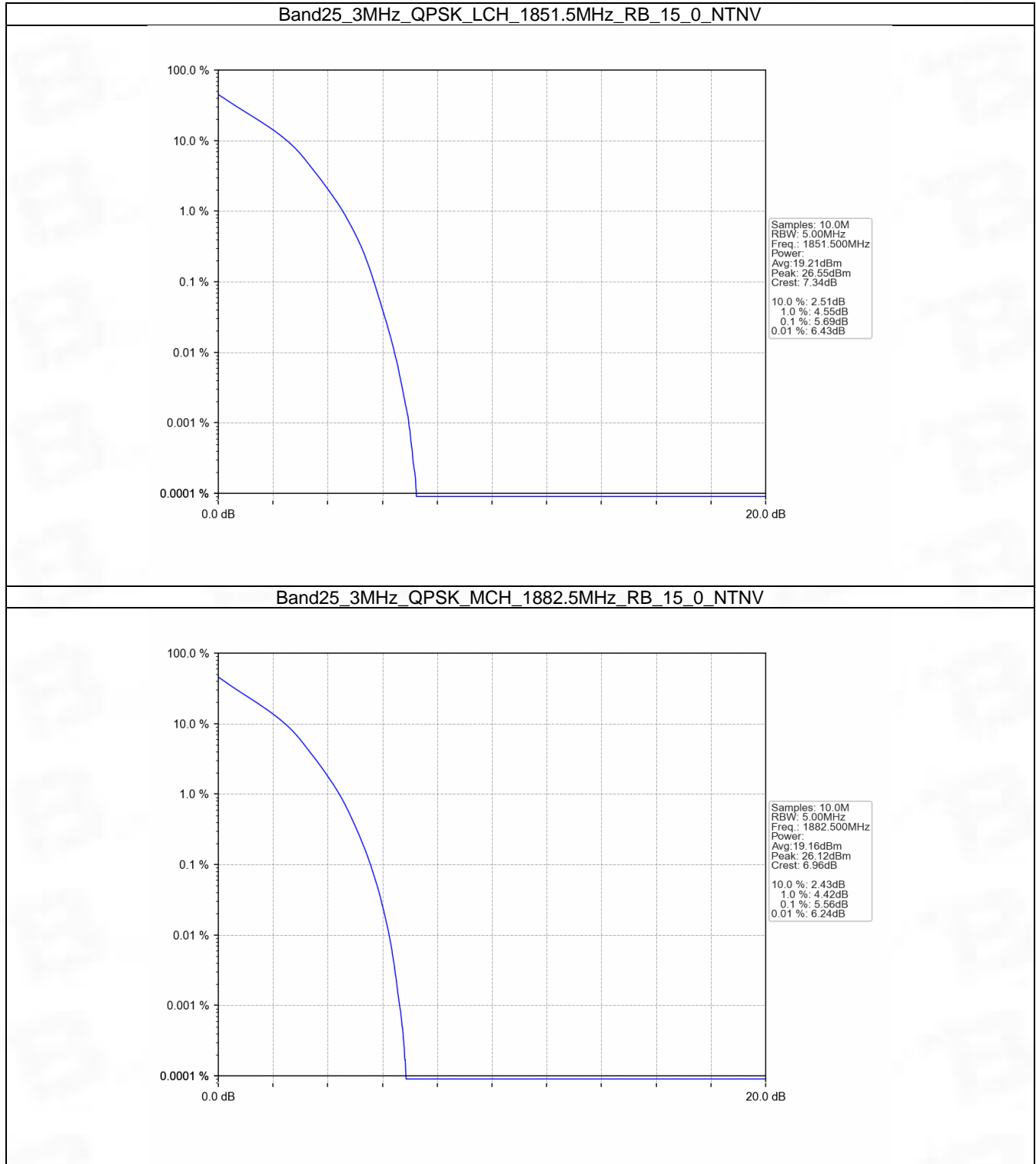


5.2 B25_3MHz

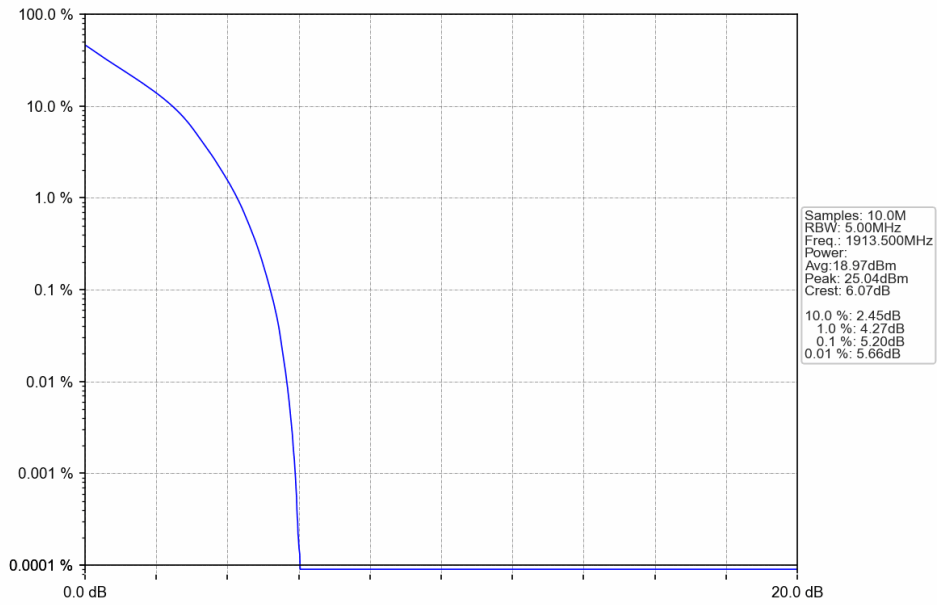
5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.69	<=13	Pass
	1882.5	15	0	5.56	<=13	Pass
	1913.5	15	0	5.20	<=13	Pass
16QAM	1851.5	15	0	6.48	<=13	Pass
	1882.5	15	0	6.40	<=13	Pass
	1913.5	15	0	6.01	<=13	Pass

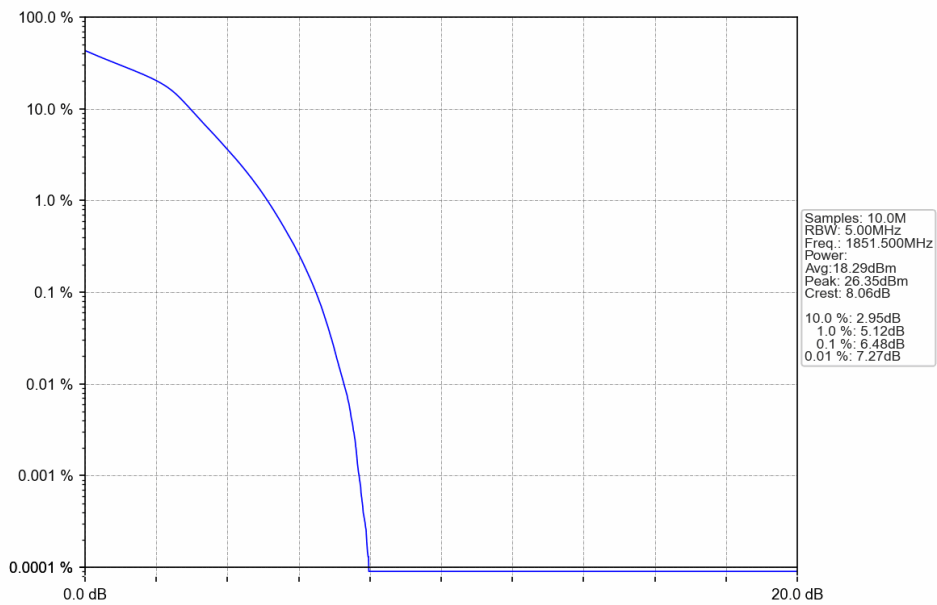
5.2.2 Test Graph



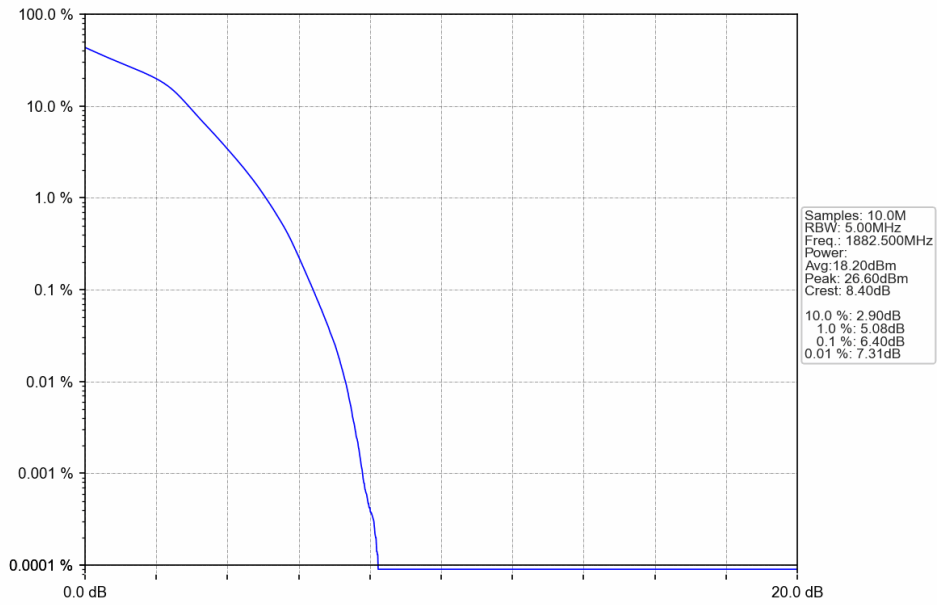
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



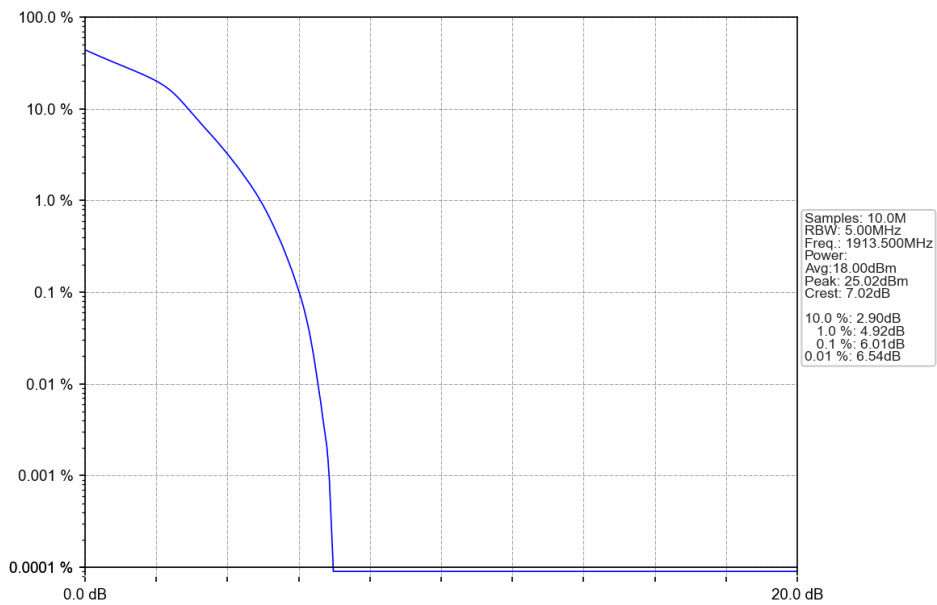
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



5.3 B25_5MHz

5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.74	<=13	Pass
	1882.5	25	0	5.76	<=13	Pass
	1912.5	25	0	5.60	<=13	Pass
16QAM	1852.5	25	0	6.48	<=13	Pass
	1882.5	25	0	6.44	<=13	Pass
	1912.5	25	0	6.26	<=13	Pass

5.3.2 Test Graph

