Appendix - LTE band:25

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

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	21.64	1.55	23.19	<=33.01	Pass
			2	21.67	1.55	23.22	<=33.01	Pass
			5	21.57	1.55	23.12	<=33.01	Pass
		3	0	21.62	1.55	23.17	<=33.01	Pass
			2	21.58	1.55	23.13	<=33.01	Pass
			3	21.56	1.55	23.11	<=33.01	Pass
		6	0	20.62	1.55	22.17	<=33.01	Pass
	1882.5	1	0	22.13	1.55	23.68	<=33.01	Pass
			2	22.13	1.55	23.68	<=33.01	Pass
			5	22.15	1.55	23.70	<=33.01	Pass
		3	0	22.19	1.55	23.74	<=33.01	Pass
			2	22.26	1.55	23.81	<=33.01	Pass
			3	22.20	1.55	23.75	<=33.01	Pass
		6	0	21.30	1.55	22.85	<=33.01	Pass
	1914.3	1	0	22.68	1.55	24.23	<=33.01	Pass
			2	22.76	1.55	24.31	<=33.01	Pass
			5	22.75	1.55	24.30	<=33.01	Pass
		3	0	22.78	1.55	24.33	<=33.01	Pass
			2	22.85	1.55	24.40	<=33.01	Pass
			3	22.84	1.55	24.39	<=33.01	Pass
		6	0	21.69	1.55	23.24	<=33.01	Pass
16QAM	1850.7	1	0	20.70	1.55	22.25	<=33.01	Pass
			2	20.69	1.55	22.24	<=33.01	Pass
			5	20.69	1.55	22.24	<=33.01	Pass
		3	0	20.58	1.55	22.13	<=33.01	Pass
			2	20.55	1.55	22.10	<=33.01	Pass
			3	20.53	1.55	22.08	<=33.01	Pass
		6	0	19.81	1.55	21.36	<=33.01	Pass
	1882.5	1	0	22.00	1.55	23.55	<=33.01	Pass
			2	22.09	1.55	23.64	<=33.01	Pass
			5	22.02	1.55	23.57	<=33.01	Pass
		3	0	21.45	1.55	23.00	<=33.01	Pass
			2	21.41	1.55	22.96	<=33.01	Pass
			3	21.44	1.55	22.99	<=33.01	Pass
		6	0	20.37	1.55	21.92	<=33.01	Pass
	1914.3	1	0	22.43	1.55	23.98	<=33.01	Pass
			2	22.41	1.55	23.96	<=33.01	Pass
			5	22.38	1.55	23.93	<=33.01	Pass
		3	0	21.72	1.55	23.27	<=33.01	Pass
			2	21.73	1.55	23.28	<=33.01	Pass
			3	21.79	1.55	23.34	<=33.01	Pass
		6	0	20.86	1.55	22.41	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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1.1.2 B25_3MHz_EIRP

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	21.60	1.55	23.15	<=33.01	Pass
			7	21.66	1.55	23.21	<=33.01	Pass
			14	21.71	1.55	23.26	<=33.01	Pass
		8	0	20.67	1.55	22.22	<=33.01	Pass
			4	20.71	1.55	22.26	<=33.01	Pass
			7	20.78	1.55	22.33	<=33.01	Pass
		15	0	20.65	1.55	22.20	<=33.01	Pass
	1882.5	1	0	22.13	1.55	23.68	<=33.01	Pass
			7	22.21	1.55	23.76	<=33.01	Pass
			14	22.22	1.55	23.77	<=33.01	Pass
		8	0	21.23	1.55	22.78	<=33.01	Pass
			4	21.34	1.55	22.89	<=33.01	Pass
			7	21.33	1.55	22.88	<=33.01	Pass
		15	0	21.29	1.55	22.84	<=33.01	Pass
	1913.5	1	0	22.74	1.55	24.29	<=33.01	Pass
			7	22.79	1.55	24.34	<=33.01	Pass
			14	22.75	1.55	24.30	<=33.01	Pass
		8	0	21.89	1.55	23.44	<=33.01	Pass
			4	21.80	1.55	23.35	<=33.01	Pass
			7	21.89	1.55	23.44	<=33.01	Pass
		15	0	21.78	1.55	23.33	<=33.01	Pass
16QAM	1851.5	1	0	21.07	1.55	22.62	<=33.01	Pass
			7	20.99	1.55	22.54	<=33.01	Pass
			14	21.07	1.55	22.62	<=33.01	Pass
		8	0	20.05	1.55	21.60	<=33.01	Pass
			4	20.07	1.55	21.62	<=33.01	Pass
			7	20.04	1.55	21.59	<=33.01	Pass
		15	0	19.93	1.55	21.48	<=33.01	Pass
	1882.5	1	0	22.04	1.55	23.59	<=33.01	Pass
			7	22.06	1.55	23.61	<=33.01	Pass
			14	22.11	1.55	23.66	<=33.01	Pass
		8	0	20.46	1.55	22.01	<=33.01	Pass
			4	20.46	1.55	22.01	<=33.01	Pass
			7	20.44	1.55	21.99	<=33.01	Pass
		15	0	20.45	1.55	22.00	<=33.01	Pass
	1913.5	1	0	22.65	1.55	24.20	<=33.01	Pass
			7	22.65	1.55	24.20	<=33.01	Pass
			14	22.67	1.55	24.22	<=33.01	Pass
		8	0	21.17	1.55	22.72	<=33.01	Pass
			4	21.12	1.55	22.67	<=33.01	Pass
			7	21.15	1.55	22.70	<=33.01	Pass
		15	0	21.04	1.55	22.59	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B25_5MHz_EIRP

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	21.76	1.55	23.31	<=33.01	Pass
			13	21.70	1.55	23.25	<=33.01	Pass
			24	21.85	1.55	23.40	<=33.01	Pass
		12	0	20.69	1.55	22.24	<=33.01	Pass

			6	20.79	1.55	22.34	<=33.01	Pass
			13	20.76	1.55	22.31	<=33.01	Pass
		25	0	20.71	1.55	22.26	<=33.01	Pass
	1882.5	1	0	22.17	1.55	23.72	<=33.01	Pass
			13	22.12	1.55	23.67	<=33.01	Pass
			24	22.12	1.55	23.67	<=33.01	Pass
		12	0	21.21	1.55	22.76	<=33.01	Pass
			6	21.18	1.55	22.73	<=33.01	Pass
			13	21.24	1.55	22.79	<=33.01	Pass
		25	0	21.18	1.55	22.73	<=33.01	Pass
	1912.5	1	0	22.87	1.55	24.42	<=33.01	Pass
			13	22.88	1.55	24.43	<=33.01	Pass
			24	22.90	1.55	24.45	<=33.01	Pass
		12	0	21.80	1.55	23.35	<=33.01	Pass
			6	21.75	1.55	23.30	<=33.01	Pass
			13	21.81	1.55	23.36	<=33.01	Pass
		25	0	21.70	1.55	23.25	<=33.01	Pass
16QAM	1852.5	1	0	20.39	1.55	21.94	<=33.01	Pass
			13	20.42	1.55	21.97	<=33.01	Pass
			24	20.44	1.55	21.99	<=33.01	Pass
		12	0	19.86	1.55	21.41	<=33.01	Pass
			6	19.87	1.55	21.42	<=33.01	Pass
			13	19.85	1.55	21.40	<=33.01	Pass
		25	0	19.88	1.55	21.43	<=33.01	Pass
	1882.5	1	0	21.85	1.55	23.40	<=33.01	Pass
			13	21.93	1.55	23.48	<=33.01	Pass
			24	22.01	1.55	23.56	<=33.01	Pass
		12	0	20.37	1.55	21.92	<=33.01	Pass
			6	20.39	1.55	21.94	<=33.01	Pass
			13	20.41	1.55	21.96	<=33.01	Pass
		25	0	20.39	1.55	21.94	<=33.01	Pass
	1912.5	1	0	22.36	1.55	23.91	<=33.01	Pass
			13	22.31	1.55	23.86	<=33.01	Pass
			24	22.40	1.55	23.95	<=33.01	Pass
		12	0	20.75	1.55	22.30	<=33.01	Pass
			6	20.77	1.55	22.32	<=33.01	Pass
			13	20.78	1.55	22.33	<=33.01	Pass
		25	0	20.80	1.55	22.35	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B25_10MHz_EIRP

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	21.73	1.55	23.28	<=33.01	Pass
			25	21.72	1.55	23.27	<=33.01	Pass
			49	21.89	1.55	23.44	<=33.01	Pass
		25	0	20.74	1.55	22.29	<=33.01	Pass
			13	20.75	1.55	22.30	<=33.01	Pass
			25	20.74	1.55	22.29	<=33.01	Pass
		50	0	20.72	1.55	22.27	<=33.01	Pass
	1882.5	1	0	22.04	1.55	23.59	<=33.01	Pass
			25	22.21	1.55	23.76	<=33.01	Pass
			49	22.32	1.55	23.87	<=33.01	Pass
		25	0	21.17	1.55	22.72	<=33.01	Pass
			13	21.12	1.55	22.67	<=33.01	Pass
			25	21.22	1.55	22.77	<=33.01	Pass
		50	0	21.34	1.55	22.89	<=33.01	Pass
	1910	1	0	22.68	1.55	24.23	<=33.01	Pass

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			25	22.65	1.55	24.20	<=33.01	Pass
			49	22.80	1.55	24.35	<=33.01	Pass
		25	0	21.74	1.55	23.29	<=33.01	Pass
			13	21.71	1.55	23.26	<=33.01	Pass
			25	21.79	1.55	23.34	<=33.01	Pass
		50	0	21.69	1.55	23.24	<=33.01	Pass
16QAM	1855	1	0	20.69	1.55	22.24	<=33.01	Pass
			25	20.75	1.55	22.30	<=33.01	Pass
			49	20.85	1.55	22.40	<=33.01	Pass
		25	0	19.98	1.55	21.53	<=33.01	Pass
			13	20.07	1.55	21.62	<=33.01	Pass
			25	20.09	1.55	21.64	<=33.01	Pass
		50	0	19.91	1.55	21.46	<=33.01	Pass
	1882.5	1	0	21.85	1.55	23.40	<=33.01	Pass
			25	21.97	1.55	23.52	<=33.01	Pass
			49	22.04	1.55	23.59	<=33.01	Pass
		25	0	20.44	1.55	21.99	<=33.01	Pass
			13	20.49	1.55	22.04	<=33.01	Pass
			25	20.55	1.55	22.10	<=33.01	Pass
		50	0	20.45	1.55	22.00	<=33.01	Pass
	1910	1	0	22.70	1.55	24.25	<=33.01	Pass
			25	22.74	1.55	24.29	<=33.01	Pass
			49	22.80	1.55	24.35	<=33.01	Pass
		25	0	20.86	1.55	22.41	<=33.01	Pass
			13	20.87	1.55	22.42	<=33.01	Pass
			25	20.92	1.55	22.47	<=33.01	Pass
		50	0	20.85	1.55	22.40	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B25_15MHz_EIRP

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	21.46	1.55	23.01	<=33.01	Pass
			38	21.59	1.55	23.14	<=33.01	Pass
			74	21.69	1.55	23.24	<=33.01	Pass
		36	0	20.64	1.55	22.19	<=33.01	Pass
			18	20.67	1.55	22.22	<=33.01	Pass
			39	20.93	1.55	22.48	<=33.01	Pass
		75	0	20.68	1.55	22.23	<=33.01	Pass
	1882.5	1	0	21.88	1.55	23.43	<=33.01	Pass
			38	22.17	1.55	23.72	<=33.01	Pass
			74	22.27	1.55	23.82	<=33.01	Pass
		36	0	21.14	1.55	22.69	<=33.01	Pass
			18	21.28	1.55	22.83	<=33.01	Pass
			39	21.32	1.55	22.87	<=33.01	Pass
		75	0	21.21	1.55	22.76	<=33.01	Pass
	1907.5	1	0	22.65	1.55	24.20	<=33.01	Pass
			38	22.67	1.55	24.22	<=33.01	Pass
			74	22.75	1.55	24.30	<=33.01	Pass
		36	0	21.72	1.55	23.27	<=33.01	Pass
			18	21.77	1.55	23.32	<=33.01	Pass
			39	21.81	1.55	23.36	<=33.01	Pass
		75	0	21.77	1.55	23.32	<=33.01	Pass
16QAM	1857.5	1	0	21.41	1.55	22.96	<=33.01	Pass
			38	21.53	1.55	23.08	<=33.01	Pass
			74	21.62	1.55	23.17	<=33.01	Pass
		36	0	19.92	1.55	21.47	<=33.01	Pass
			18	19.96	1.55	21.51	<=33.01	Pass

			39	20.03	1.55	21.58	<=33.01	Pass
		75	0	19.92	1.55	21.47	<=33.01	Pass
	1882.5	1	0	22.51	1.55	24.06	<=33.01	Pass
			38	22.68	1.55	24.23	<=33.01	Pass
			74	22.89	1.55	24.44	<=33.01	Pass
		36	0	20.36	1.55	21.91	<=33.01	Pass
			18	20.45	1.55	22.00	<=33.01	Pass
			39	20.45	1.55	22.00	<=33.01	Pass
		75	0	20.48	1.55	22.03	<=33.01	Pass
	1907.5	1	0	22.67	1.55	24.22	<=33.01	Pass
			38	22.77	1.55	24.32	<=33.01	Pass
			74	22.83	1.55	24.38	<=33.01	Pass
		36	0	20.81	1.55	22.36	<=33.01	Pass
			18	20.90	1.55	22.45	<=33.01	Pass
			39	20.99	1.55	22.54	<=33.01	Pass
		75	0	20.88	1.55	22.43	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B25_20MHz_EIRP

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	21.80	1.55	23.35	<=33.01	Pass
			50	21.94	1.55	23.49	<=33.01	Pass
			99	22.11	1.55	23.66	<=33.01	Pass
		50	0	20.84	1.55	22.39	<=33.01	Pass
			25	20.75	1.55	22.30	<=33.01	Pass
			50	20.84	1.55	22.39	<=33.01	Pass
		100	0	20.88	1.55	22.43	<=33.01	Pass
	1882.5	1	0	22.27	1.55	23.82	<=33.01	Pass
			50	22.41	1.55	23.96	<=33.01	Pass
			99	22.70	1.55	24.25	<=33.01	Pass
		50	0	21.12	1.55	22.67	<=33.01	Pass
			25	21.30	1.55	22.85	<=33.01	Pass
			50	21.45	1.55	23.00	<=33.01	Pass
		100	0	21.32	1.55	22.87	<=33.01	Pass
	1905	1	0	22.52	1.55	24.07	<=33.01	Pass
			50	22.74	1.55	24.29	<=33.01	Pass
			99	22.81	1.55	24.36	<=33.01	Pass
		50	0	21.69	1.55	23.24	<=33.01	Pass
			25	21.79	1.55	23.34	<=33.01	Pass
			50	21.80	1.55	23.35	<=33.01	Pass
		100	0	21.70	1.55	23.25	<=33.01	Pass
16QAM	1860	1	0	22.05	1.55	23.60	<=33.01	Pass
			50	22.12	1.55	23.67	<=33.01	Pass
			99	22.34	1.55	23.89	<=33.01	Pass
		50	0	19.85	1.55	21.40	<=33.01	Pass
			25	19.96	1.55	21.51	<=33.01	Pass
			50	20.01	1.55	21.56	<=33.01	Pass
		100	0	19.95	1.55	21.50	<=33.01	Pass
	1882.5	1	0	21.56	1.55	23.11	<=33.01	Pass
			50	21.83	1.55	23.38	<=33.01	Pass
			99	22.02	1.55	23.57	<=33.01	Pass
		50	0	20.35	1.55	21.90	<=33.01	Pass
			25	20.53	1.55	22.08	<=33.01	Pass
			50	20.51	1.55	22.06	<=33.01	Pass
		100	0	20.45	1.55	22.00	<=33.01	Pass
	1905	1	0	22.20	1.55	23.75	<=33.01	Pass
			50	22.42	1.55	23.97	<=33.01	Pass

			99	22.61	1.55	24.16	<=33.01	Pass
		50	0	20.89	1.55	22.44	<=33.01	Pass
			25	20.98	1.55	22.53	<=33.01	Pass
			50	20.96	1.55	22.51	<=33.01	Pass
		100	0	20.82	1.55	22.37	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

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	-27.909	-0.0151	-2.5 to 2.5	Pass
					3.85	-17.753	-0.0096	-2.5 to 2.5	Pass
					4.43	-24.447	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-37.937	-0.0205	-2.5 to 2.5	Pass
				-20	3.85	-48.151	-0.0260	-2.5 to 2.5	Pass
				-10	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-17.381	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-16.837	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-21.372	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-28.610	-0.0155	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	8.698	0.0046	-2.5 to 2.5	Pass
					3.85	10.543	0.0056	-2.5 to 2.5	Pass
					4.43	7.753	0.0041	-2.5 to 2.5	Pass
				-30	3.85	14.405	0.0077	-2.5 to 2.5	Pass
				-20	3.85	21.729	0.0115	-2.5 to 2.5	Pass
				-10	3.85	24.862	0.0132	-2.5 to 2.5	Pass
				0	3.85	33.174	0.0176	-2.5 to 2.5	Pass
				10	3.85	40.984	0.0218	-2.5 to 2.5	Pass
				30	3.85	-11.930	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
				50	3.85	6.294	0.0033	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	38.238	0.0200	-2.5 to 2.5	Pass
					3.85	5.536	0.0029	-2.5 to 2.5	Pass
					4.43	-5.093	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-13.232	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-13.461	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-11.773	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-13.046	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-11.287	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-10.929	-0.0057	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-36.492	-0.0197	-2.5 to 2.5	Pass
					3.85	-26.579	-0.0144	-2.5 to 2.5	Pass
					4.43	-26.994	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-28.353	-0.0153	-2.5 to 2.5	Pass
				-20	3.85	-26.622	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-25.077	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-21.987	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-20.814	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-13.032	-0.0070	-2.5 to 2.5	Pass

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				40	3.85	-6.952	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	7.968	0.0042	-2.5 to 2.5	Pass
					3.85	12.445	0.0066	-2.5 to 2.5	Pass
					4.43	6.838	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-10.614	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-14.820	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-17.109	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-20.041	-0.0106	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-9.384	-0.0049	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
					4.43	5.264	0.0027	-2.5 to 2.5	Pass
				-30	3.85	12.274	0.0064	-2.5 to 2.5	Pass
				-20	3.85	17.481	0.0091	-2.5 to 2.5	Pass
				-10	3.85	23.232	0.0121	-2.5 to 2.5	Pass
				0	3.85	35.262	0.0184	-2.5 to 2.5	Pass
				10	3.85	-16.065	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0025	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

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	-17.281	-0.0093	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
					4.43	-35.262	-0.0190	-2.5 to 2.5	Pass
				-30	3.85	-12.317	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-19.941	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-33.259	-0.0180	-2.5 to 2.5	Pass
				10	3.85	-43.087	-0.0233	-2.5 to 2.5	Pass
				30	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-12.860	-0.0069	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	12.589	0.0067	-2.5 to 2.5	Pass
					3.85	-39.625	-0.0210	-2.5 to 2.5	Pass
					4.43	-17.266	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-17.653	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-36.607	-0.0194	-2.5 to 2.5	Pass
				0	3.85	-22.745	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-43.702	-0.0232	-2.5 to 2.5	Pass
				30	3.85	-52.671	-0.0280	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-12.088	-0.0064	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	34.890	0.0182	-2.5 to 2.5	Pass
					3.85	21.300	0.0111	-2.5 to 2.5	Pass
					4.43	19.212	0.0100	-2.5 to 2.5	Pass
				-30	3.85	21.415	0.0112	-2.5 to 2.5	Pass
				-20	3.85	24.576	0.0128	-2.5 to 2.5	Pass
				-10	3.85	24.419	0.0128	-2.5 to 2.5	Pass
				0	3.85	25.148	0.0131	-2.5 to 2.5	Pass
				10	3.85	23.990	0.0125	-2.5 to 2.5	Pass

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				30	3.85	33.817	0.0177	-2.5 to 2.5	Pass
				40	3.85	32.358	0.0169	-2.5 to 2.5	Pass
				50	3.85	30.441	0.0159	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-16.451	-0.0089	-2.5 to 2.5	Pass
					3.85	8.612	0.0047	-2.5 to 2.5	Pass
					4.43	28.224	0.0152	-2.5 to 2.5	Pass
				-30	3.85	43.058	0.0233	-2.5 to 2.5	Pass
				-20	3.85	8.597	0.0046	-2.5 to 2.5	Pass
				-10	3.85	23.561	0.0127	-2.5 to 2.5	Pass
				0	3.85	33.417	0.0180	-2.5 to 2.5	Pass
				10	3.85	-6.409	-0.0035	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				40	3.85	9.742	0.0053	-2.5 to 2.5	Pass
				50	3.85	22.902	0.0124	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-16.680	-0.0089	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	4.005	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				30	3.85	3.433	0.0018	-2.5 to 2.5	Pass
				40	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	32.058	0.0168	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
					4.43	12.345	0.0065	-2.5 to 2.5	Pass
				-30	3.85	25.091	0.0131	-2.5 to 2.5	Pass
				-20	3.85	38.123	0.0199	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				0	3.85	10.099	0.0053	-2.5 to 2.5	Pass
				10	3.85	22.774	0.0119	-2.5 to 2.5	Pass
				30	3.85	32.372	0.0169	-2.5 to 2.5	Pass
				40	3.85	37.336	0.0195	-2.5 to 2.5	Pass
				50	3.85	-14.663	-0.0077	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

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	-10.929	-0.0059	-2.5 to 2.5	Pass
					3.85	-39.425	-0.0213	-2.5 to 2.5	Pass
					4.43	-28.152	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-30.012	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-33.817	-0.0183	-2.5 to 2.5	Pass
				0	3.85	-42.415	-0.0229	-2.5 to 2.5	Pass
				10	3.85	-54.502	-0.0294	-2.5 to 2.5	Pass
				30	3.85	-19.598	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-30.456	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-33.717	-0.0182	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-6.280	-0.0033	-2.5 to 2.5	Pass
					3.85	-19.870	-0.0106	-2.5 to 2.5	Pass
					4.43	-30.313	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-41.556	-0.0221	-2.5 to 2.5	Pass
				-20	3.85	-11.373	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-12.889	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-42.429	-0.0225	-2.5 to 2.5	Pass

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				10	3.85	-24.762	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-47.193	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-20.399	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-43.573	-0.0231	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	31.314	0.0164	-2.5 to 2.5	Pass
					3.85	19.712	0.0103	-2.5 to 2.5	Pass
					4.43	14.963	0.0078	-2.5 to 2.5	Pass
				-30	3.85	8.254	0.0043	-2.5 to 2.5	Pass
				-20	3.85	6.609	0.0035	-2.5 to 2.5	Pass
				-10	3.85	6.509	0.0034	-2.5 to 2.5	Pass
				0	3.85	7.496	0.0039	-2.5 to 2.5	Pass
				10	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				30	3.85	6.938	0.0036	-2.5 to 2.5	Pass
				40	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				50	3.85	3.691	0.0019	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-40.226	-0.0217	-2.5 to 2.5	Pass
					3.85	-14.248	-0.0077	-2.5 to 2.5	Pass
					4.43	5.393	0.0029	-2.5 to 2.5	Pass
				-30	3.85	20.642	0.0111	-2.5 to 2.5	Pass
				-20	3.85	37.394	0.0202	-2.5 to 2.5	Pass
				-10	3.85	3.977	0.0021	-2.5 to 2.5	Pass
				0	3.85	18.225	0.0098	-2.5 to 2.5	Pass
				10	3.85	33.174	0.0179	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				40	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				50	3.85	18.597	0.0100	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.558	-0.0003	-2.5 to 2.5	Pass
					3.85	8.783	0.0047	-2.5 to 2.5	Pass
					4.43	8.411	0.0045	-2.5 to 2.5	Pass
				-30	3.85	18.311	0.0097	-2.5 to 2.5	Pass
				-20	3.85	19.627	0.0104	-2.5 to 2.5	Pass
				-10	3.85	22.130	0.0118	-2.5 to 2.5	Pass
				0	3.85	22.945	0.0122	-2.5 to 2.5	Pass
				10	3.85	24.548	0.0130	-2.5 to 2.5	Pass
				30	3.85	22.144	0.0118	-2.5 to 2.5	Pass
				40	3.85	22.631	0.0120	-2.5 to 2.5	Pass
				50	3.85	23.847	0.0127	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	5.865	0.0031	-2.5 to 2.5	Pass
					3.85	28.067	0.0147	-2.5 to 2.5	Pass
					4.43	3.633	0.0019	-2.5 to 2.5	Pass
				-30	3.85	9.627	0.0050	-2.5 to 2.5	Pass
				-20	3.85	19.355	0.0101	-2.5 to 2.5	Pass
				-10	3.85	27.037	0.0141	-2.5 to 2.5	Pass
				0	3.85	33.288	0.0174	-2.5 to 2.5	Pass
				10	3.85	39.840	0.0208	-2.5 to 2.5	Pass
				30	3.85	11.816	0.0062	-2.5 to 2.5	Pass
				40	3.85	15.979	0.0084	-2.5 to 2.5	Pass
				50	3.85	24.333	0.0127	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

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	-28.439	-0.0153	-2.5 to 2.5	Pass
					3.85	-42.529	-0.0229	-2.5 to 2.5	Pass
					4.43	1.831	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-27.809	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-45.719	-0.0246	-2.5 to 2.5	Pass
				-10	3.85	-15.965	-0.0086	-2.5 to 2.5	Pass

				0	3.85	-22.016	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-21.729	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-22.287	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-18.339	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-22.058	-0.0119	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	5.379	0.0029	-2.5 to 2.5	Pass
					3.85	-43.445	-0.0231	-2.5 to 2.5	Pass
					4.43	-29.626	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-25.420	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-18.325	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-22.502	-0.0120	-2.5 to 2.5	Pass
				0	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				10	3.85	-39.926	-0.0212	-2.5 to 2.5	Pass
				30	3.85	-21.057	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-34.618	-0.0184	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	27.609	0.0145	-2.5 to 2.5	Pass
					3.85	-20.885	-0.0109	-2.5 to 2.5	Pass
					4.43	-41.714	-0.0218	-2.5 to 2.5	Pass
				-30	3.85	-32.158	-0.0168	-2.5 to 2.5	Pass
				-20	3.85	-40.827	-0.0214	-2.5 to 2.5	Pass
				-10	3.85	8.898	0.0047	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-8.240	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-13.075	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-20.127	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-24.991	-0.0131	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-14.277	-0.0077	-2.5 to 2.5	Pass
					3.85	20.757	0.0112	-2.5 to 2.5	Pass
					4.43	15.535	0.0084	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	25.549	0.0138	-2.5 to 2.5	Pass
				-10	3.85	4.220	0.0023	-2.5 to 2.5	Pass
				0	3.85	24.462	0.0132	-2.5 to 2.5	Pass
				10	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
				30	3.85	13.647	0.0074	-2.5 to 2.5	Pass
				40	3.85	31.815	0.0172	-2.5 to 2.5	Pass
				50	3.85	-8.740	-0.0047	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	11.387	0.0060	-2.5 to 2.5	Pass
					4.43	14.634	0.0078	-2.5 to 2.5	Pass
				-30	3.85	19.155	0.0102	-2.5 to 2.5	Pass
				-20	3.85	19.541	0.0104	-2.5 to 2.5	Pass
				-10	3.85	20.199	0.0107	-2.5 to 2.5	Pass
				0	3.85	16.022	0.0085	-2.5 to 2.5	Pass
				10	3.85	20.185	0.0107	-2.5 to 2.5	Pass
				30	3.85	15.392	0.0082	-2.5 to 2.5	Pass
				40	3.85	12.832	0.0068	-2.5 to 2.5	Pass
				50	3.85	17.123	0.0091	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-29.669	-0.0155	-2.5 to 2.5	Pass
					3.85	-13.475	-0.0071	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				-20	3.85	8.969	0.0047	-2.5 to 2.5	Pass
				-10	3.85	14.219	0.0074	-2.5 to 2.5	Pass
				0	3.85	19.183	0.0100	-2.5 to 2.5	Pass
				10	3.85	26.536	0.0139	-2.5 to 2.5	Pass
				30	3.85	28.481	0.0149	-2.5 to 2.5	Pass
				40	3.85	35.248	0.0185	-2.5 to 2.5	Pass
				50	3.85	36.006	0.0189	-2.5 to 2.5	Pass

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2.1.5 B25_15MHz

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	-19.512	-0.0105	-2.5 to 2.5	Pass
					3.85	-21.658	-0.0117	-2.5 to 2.5	Pass
					4.43	2.646	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-30.813	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	-23.689	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-27.709	-0.0149	-2.5 to 2.5	Pass
				10	3.85	-45.047	-0.0243	-2.5 to 2.5	Pass
				30	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-23.761	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-34.747	-0.0187	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	10.428	0.0055	-2.5 to 2.5	Pass
					3.85	-24.419	-0.0130	-2.5 to 2.5	Pass
					4.43	-37.680	-0.0200	-2.5 to 2.5	Pass
				-30	3.85	-33.317	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-12.903	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-11.344	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-41.785	-0.0222	-2.5 to 2.5	Pass
				30	3.85	-20.127	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-49.396	-0.0262	-2.5 to 2.5	Pass
				50	3.85	-20.857	-0.0111	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	6.938	0.0036	-2.5 to 2.5	Pass
					3.85	-45.447	-0.0238	-2.5 to 2.5	Pass
					4.43	-41.928	-0.0220	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-21.257	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-39.010	-0.0205	-2.5 to 2.5	Pass
				0	3.85	-25.835	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-39.082	-0.0205	-2.5 to 2.5	Pass
				30	3.85	18.997	0.0100	-2.5 to 2.5	Pass
				40	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				50	3.85	4.563	0.0024	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	5.178	0.0028	-2.5 to 2.5	Pass
					3.85	30.570	0.0165	-2.5 to 2.5	Pass
					4.43	7.610	0.0041	-2.5 to 2.5	Pass
				-30	3.85	24.061	0.0130	-2.5 to 2.5	Pass
				-20	3.85	40.898	0.0220	-2.5 to 2.5	Pass
				-10	3.85	8.154	0.0044	-2.5 to 2.5	Pass
				0	3.85	26.279	0.0141	-2.5 to 2.5	Pass
				10	3.85	31.772	0.0171	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	10.071	0.0054	-2.5 to 2.5	Pass
				50	3.85	21.844	0.0118	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	10.242	0.0054	-2.5 to 2.5	Pass
					3.85	22.087	0.0117	-2.5 to 2.5	Pass
					4.43	31.972	0.0170	-2.5 to 2.5	Pass
				-30	3.85	29.883	0.0159	-2.5 to 2.5	Pass
				-20	3.85	30.870	0.0164	-2.5 to 2.5	Pass
				-10	3.85	34.604	0.0184	-2.5 to 2.5	Pass
				0	3.85	35.992	0.0191	-2.5 to 2.5	Pass
				10	3.85	34.976	0.0186	-2.5 to 2.5	Pass
				30	3.85	34.461	0.0183	-2.5 to 2.5	Pass
				40	3.85	26.493	0.0141	-2.5 to 2.5	Pass

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				50	3.85	26.650	0.0142	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-3.233	-0.0017	-2.5 to 2.5	Pass
					3.85	15.206	0.0080	-2.5 to 2.5	Pass
					4.43	24.319	0.0127	-2.5 to 2.5	Pass
				-30	3.85	30.813	0.0162	-2.5 to 2.5	Pass
				-20	3.85	31.757	0.0166	-2.5 to 2.5	Pass
				-10	3.85	32.773	0.0172	-2.5 to 2.5	Pass
				0	3.85	42.043	0.0220	-2.5 to 2.5	Pass
				10	3.85	47.464	0.0249	-2.5 to 2.5	Pass
				30	3.85	-14.634	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

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	-20.728	-0.0111	-2.5 to 2.5	Pass
					3.85	-15.249	-0.0082	-2.5 to 2.5	Pass
					4.43	-28.238	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-33.331	-0.0179	-2.5 to 2.5	Pass
				-20	3.85	-9.556	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-28.553	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-35.934	-0.0193	-2.5 to 2.5	Pass
				10	3.85	-44.489	-0.0239	-2.5 to 2.5	Pass
				30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	7.610	0.0040	-2.5 to 2.5	Pass
					3.85	-26.937	-0.0143	-2.5 to 2.5	Pass
					4.43	-47.221	-0.0251	-2.5 to 2.5	Pass
				-30	3.85	-22.774	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-16.994	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-17.810	-0.0095	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				10	3.85	-22.330	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-49.310	-0.0262	-2.5 to 2.5	Pass
				40	3.85	-13.161	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-25.792	-0.0137	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	41.814	0.0219	-2.5 to 2.5	Pass
					3.85	-14.348	-0.0075	-2.5 to 2.5	Pass
					4.43	-34.032	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-18.854	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-32.172	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-43.073	-0.0226	-2.5 to 2.5	Pass
				0	3.85	6.824	0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-9.985	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-17.695	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-25.792	-0.0135	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.393	-0.0029	-2.5 to 2.5	Pass
					3.85	34.618	0.0186	-2.5 to 2.5	Pass
					4.43	11.888	0.0064	-2.5 to 2.5	Pass
				-30	3.85	32.630	0.0175	-2.5 to 2.5	Pass
				-20	3.85	3.819	0.0021	-2.5 to 2.5	Pass
				-10	3.85	21.315	0.0115	-2.5 to 2.5	Pass
				0	3.85	34.604	0.0186	-2.5 to 2.5	Pass
				10	3.85	46.234	0.0249	-2.5 to 2.5	Pass
				30	3.85	20.642	0.0111	-2.5 to 2.5	Pass

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				40	3.85	32.229	0.0173	-2.5 to 2.5	Pass
				50	3.85	45.848	0.0246	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-37.980	-0.0202	-2.5 to 2.5	Pass
					3.85	-21.157	-0.0112	-2.5 to 2.5	Pass
					4.43	-15.163	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0035	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				30	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.502	0.0008	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-30.599	-0.0161	-2.5 to 2.5	Pass
					3.85	-7.296	-0.0038	-2.5 to 2.5	Pass
					4.43	4.849	0.0025	-2.5 to 2.5	Pass
				-30	3.85	11.559	0.0061	-2.5 to 2.5	Pass
				-20	3.85	19.870	0.0104	-2.5 to 2.5	Pass
				-10	3.85	30.828	0.0162	-2.5 to 2.5	Pass
				0	3.85	38.581	0.0203	-2.5 to 2.5	Pass
				10	3.85	43.044	0.0226	-2.5 to 2.5	Pass
				30	3.85	-13.790	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-9.141	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-10.128	-0.0053	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
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 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
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

3.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
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

3.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

	(MHz)	Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

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

3.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
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

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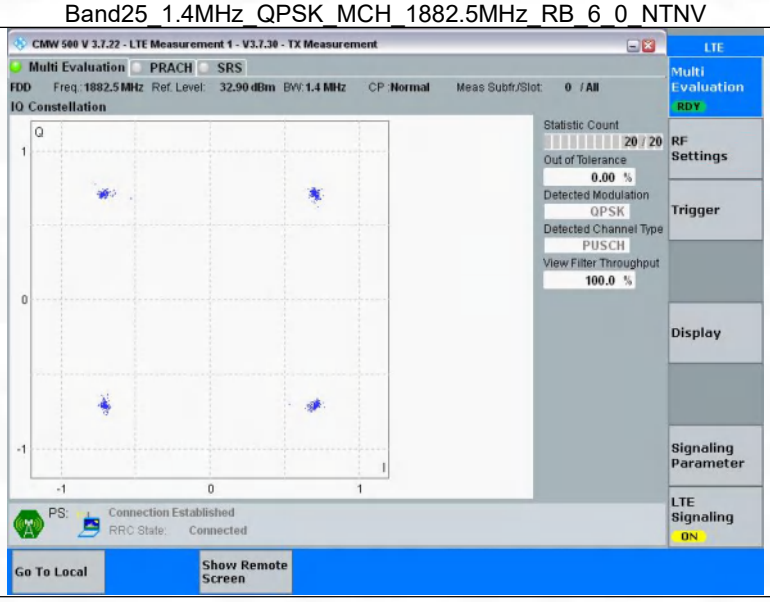
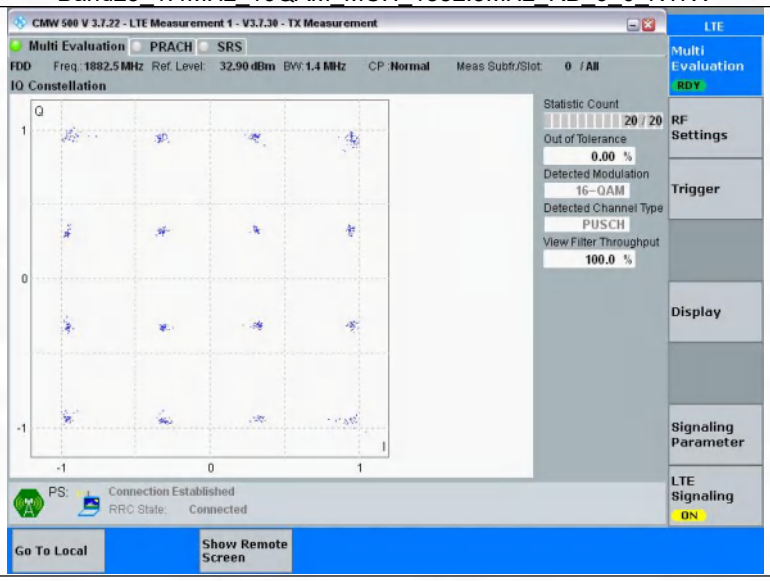
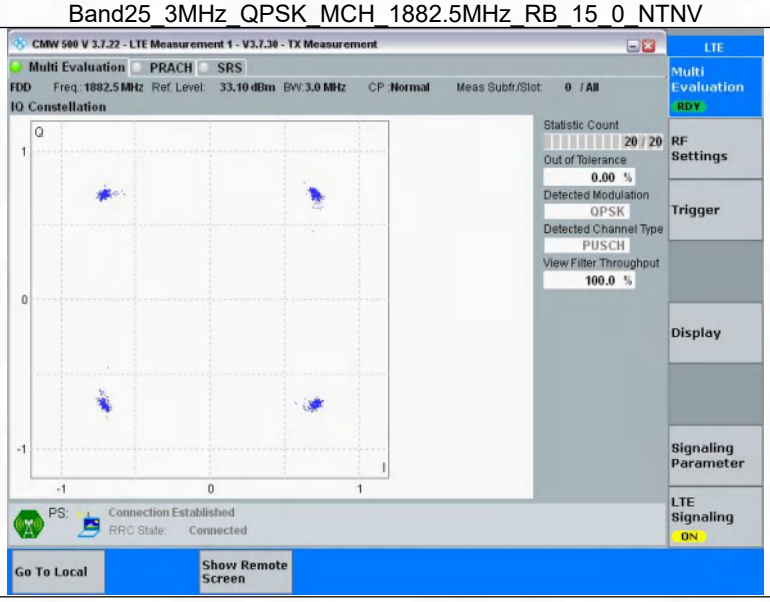
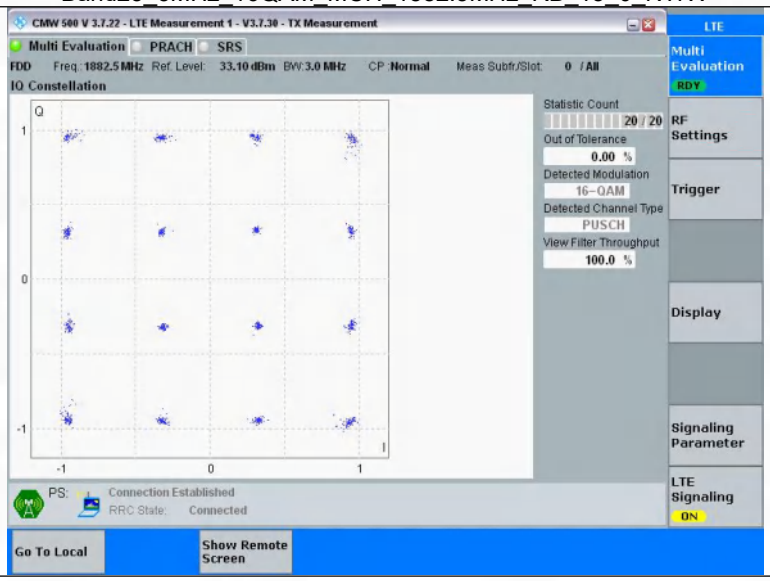
3.2 Test Graph

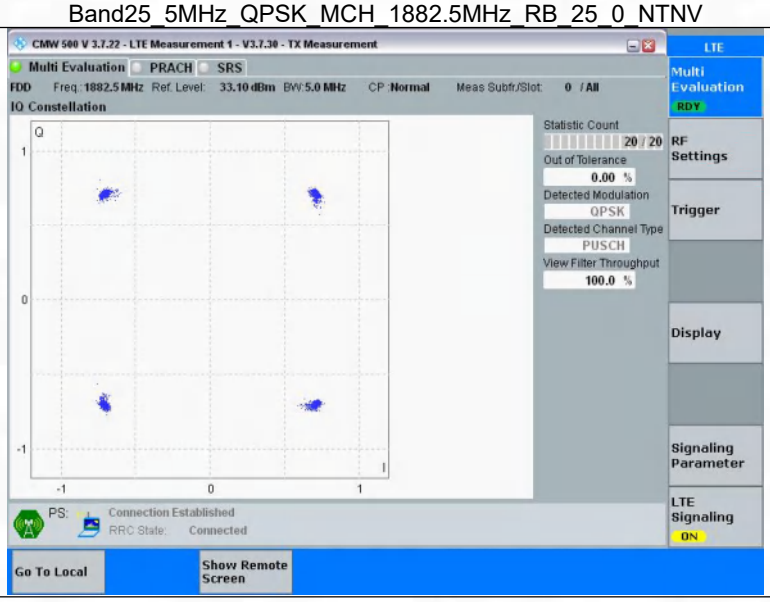
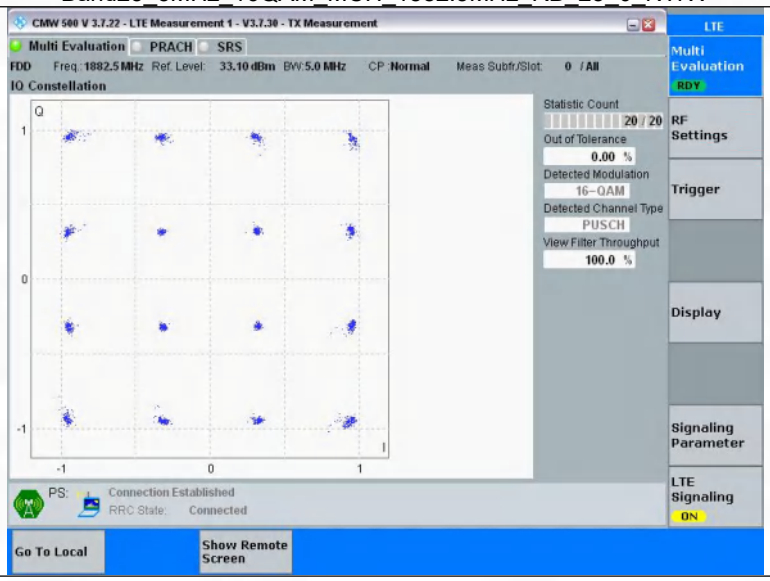
3.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV

Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV


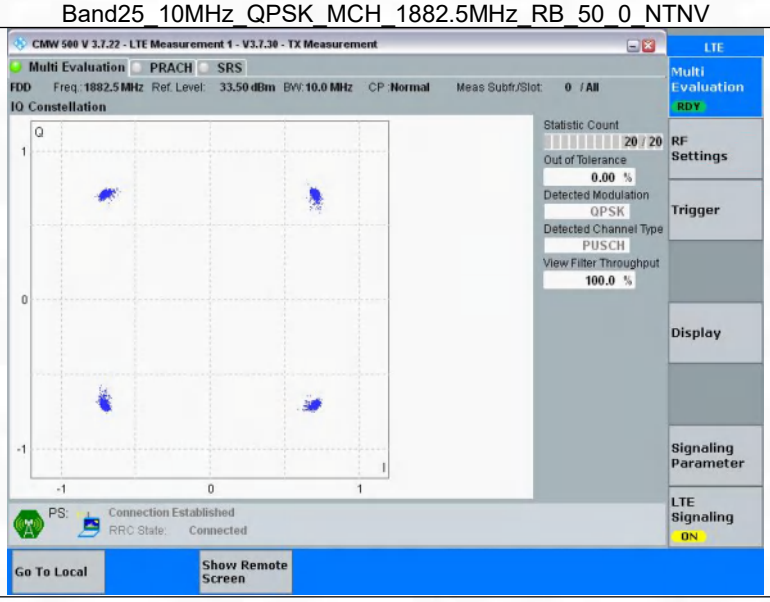
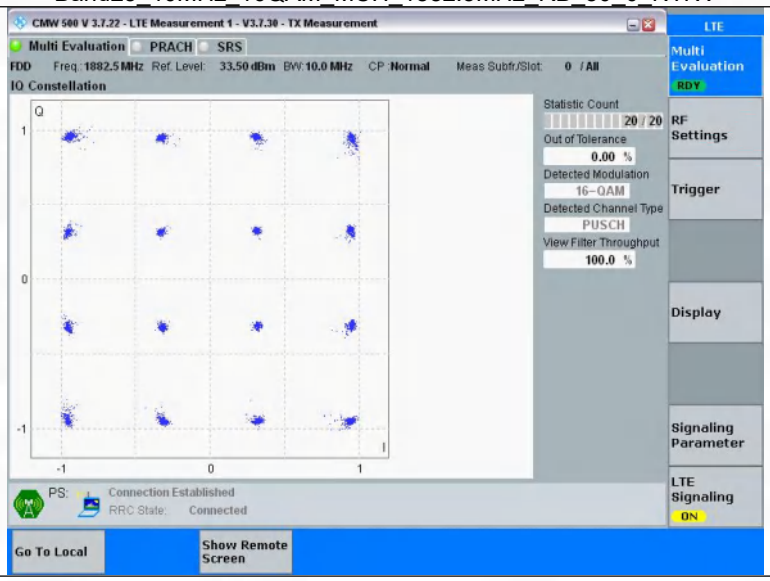
3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV


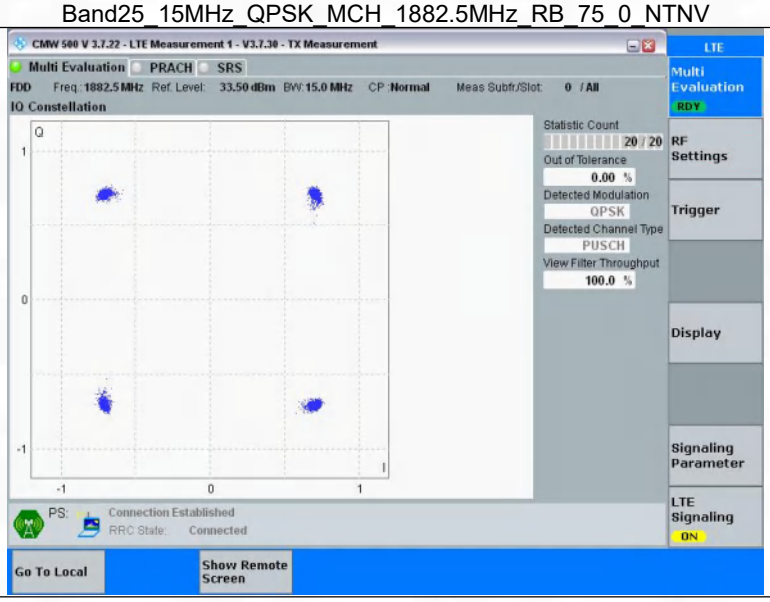
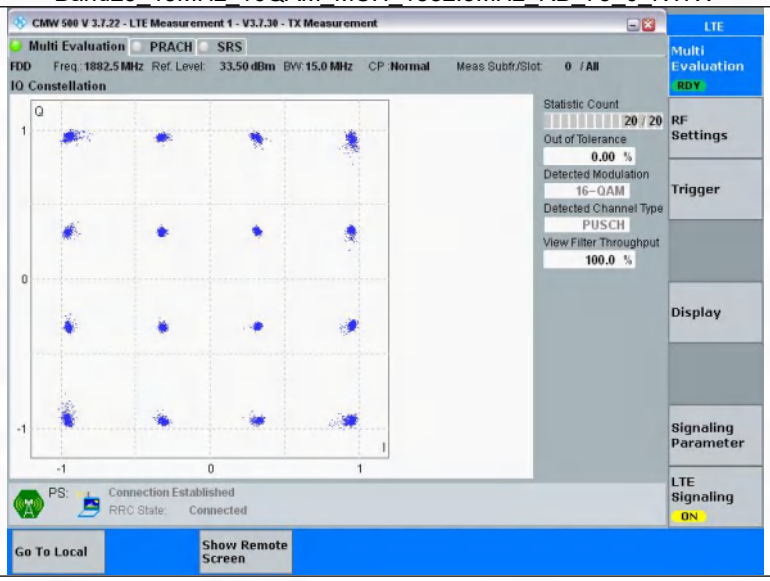
3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV


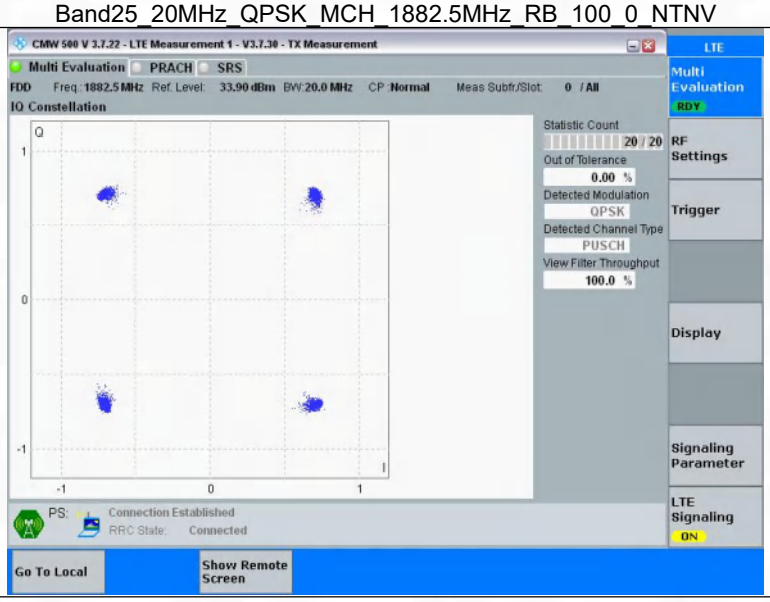
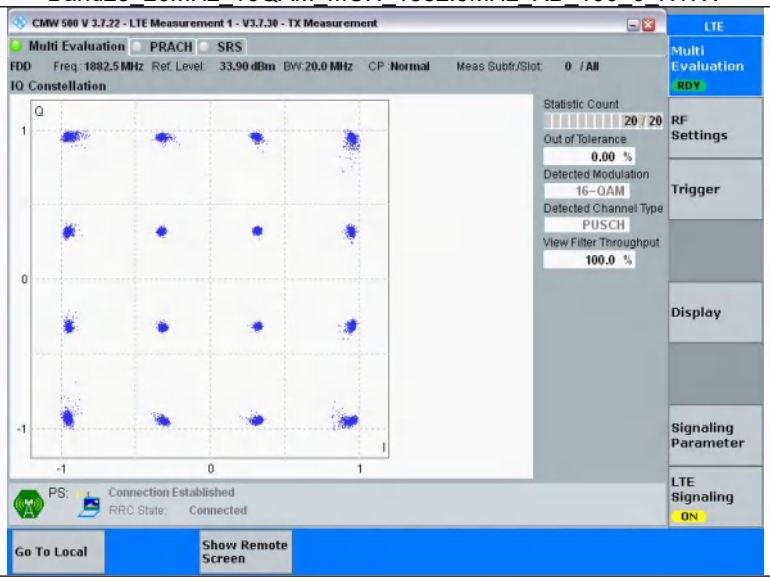
3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV


3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV


3.2.6 B25_20MHz

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.114	/	Pass
		1882.5	6	0	1.118	/	Pass
		1914.3	6	0	1.117	/	Pass
	16QAM	1850.7	6	0	1.114	/	Pass
		1882.5	6	0	1.113	/	Pass
		1914.3	6	0	1.125	/	Pass
3	QPSK	1851.5	15	0	2.753	/	Pass
		1882.5	15	0	2.770	/	Pass
		1913.5	15	0	2.754	/	Pass
	16QAM	1851.5	15	0	2.768	/	Pass
		1882.5	15	0	2.758	/	Pass
		1913.5	15	0	2.747	/	Pass
5	QPSK	1852.5	25	0	4.542	/	Pass
		1882.5	25	0	4.559	/	Pass
		1912.5	25	0	4.565	/	Pass
	16QAM	1852.5	25	0	4.562	/	Pass
		1882.5	25	0	4.569	/	Pass
		1912.5	25	0	4.548	/	Pass
10	QPSK	1855	50	0	9.059	/	Pass
		1882.5	50	0	9.055	/	Pass
		1910	50	0	9.077	/	Pass
	16QAM	1855	50	0	9.042	/	Pass
		1882.5	50	0	9.101	/	Pass
		1910	50	0	9.076	/	Pass
15	QPSK	1857.5	75	0	13.517	/	Pass
		1882.5	75	0	13.670	/	Pass
		1907.5	75	0	13.662	/	Pass
	16QAM	1857.5	75	0	13.521	/	Pass
		1882.5	75	0	13.675	/	Pass
		1907.5	75	0	13.740	/	Pass
20	QPSK	1860	100	0	18.081	/	Pass
		1882.5	100	0	18.200	/	Pass
		1905	100	0	18.286	/	Pass
	16QAM	1860	100	0	18.068	/	Pass
		1882.5	100	0	18.253	/	Pass
		1905	100	0	18.336	/	Pass

4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.271	/	Pass
		1882.5	6	0	1.278	/	Pass
		1914.3	6	0	1.279	/	Pass
	16QAM	1850.7	6	0	1.280	/	Pass
		1882.5	6	0	1.276	/	Pass
		1914.3	6	0	1.273	/	Pass

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3	QPSK	1851.5	15	0	3.114	/	Pass
		1882.5	15	0	3.108	/	Pass
		1913.5	15	0	3.115	/	Pass
	16QAM	1851.5	15	0	3.123	/	Pass
		1882.5	15	0	3.111	/	Pass
		1913.5	15	0	3.102	/	Pass
5	QPSK	1852.5	25	0	5.068	/	Pass
		1882.5	25	0	5.071	/	Pass
		1912.5	25	0	5.046	/	Pass
	16QAM	1852.5	25	0	5.063	/	Pass
		1882.5	25	0	5.086	/	Pass
		1912.5	25	0	5.072	/	Pass
10	QPSK	1855	50	0	9.985	/	Pass
		1882.5	50	0	10.052	/	Pass
		1910	50	0	10.019	/	Pass
	16QAM	1855	50	0	10.094	/	Pass
		1882.5	50	0	10.112	/	Pass
		1910	50	0	9.996	/	Pass
15	QPSK	1857.5	75	0	14.952	/	Pass
		1882.5	75	0	15.290	/	Pass
		1907.5	75	0	15.307	/	Pass
	16QAM	1857.5	75	0	15.010	/	Pass
		1882.5	75	0	15.236	/	Pass
		1907.5	75	0	15.228	/	Pass
20	QPSK	1860	100	0	19.891	/	Pass
		1882.5	100	0	19.882	/	Pass
		1905	100	0	20.026	/	Pass
	16QAM	1860	100	0	19.996	/	Pass
		1882.5	100	0	20.055	/	Pass
		1905	100	0	20.098	/	Pass

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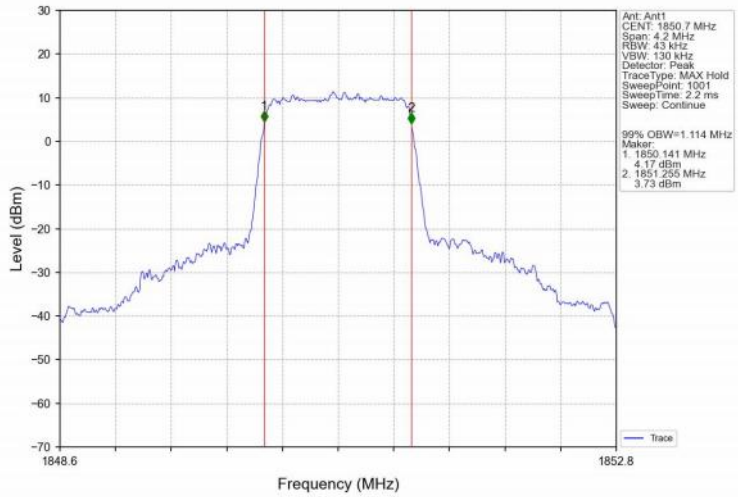
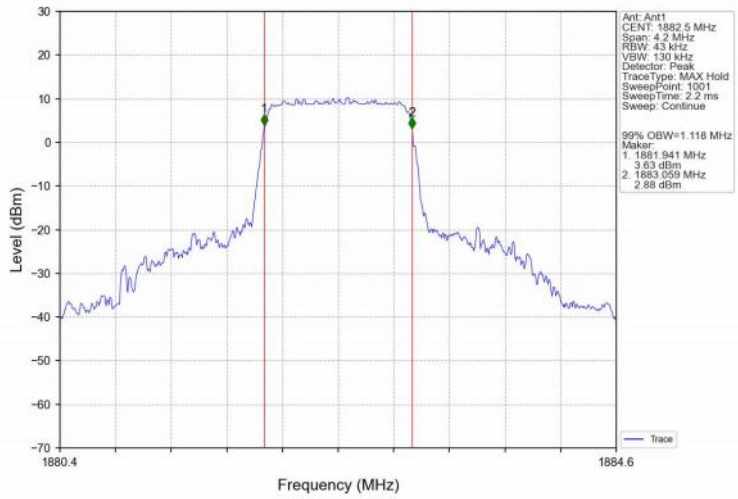
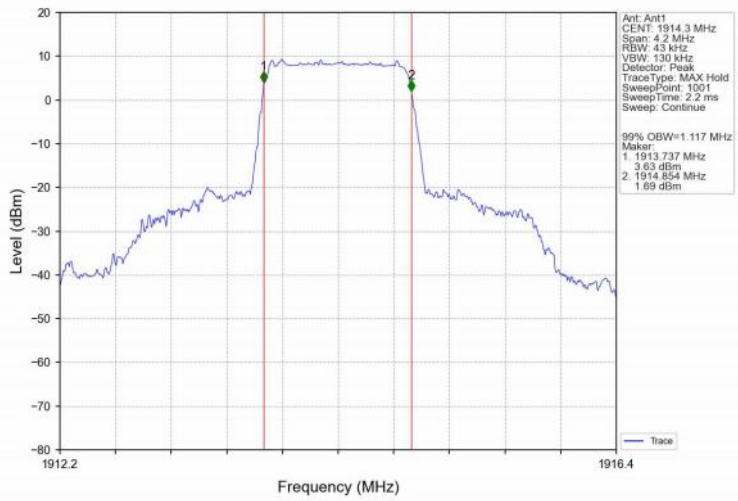
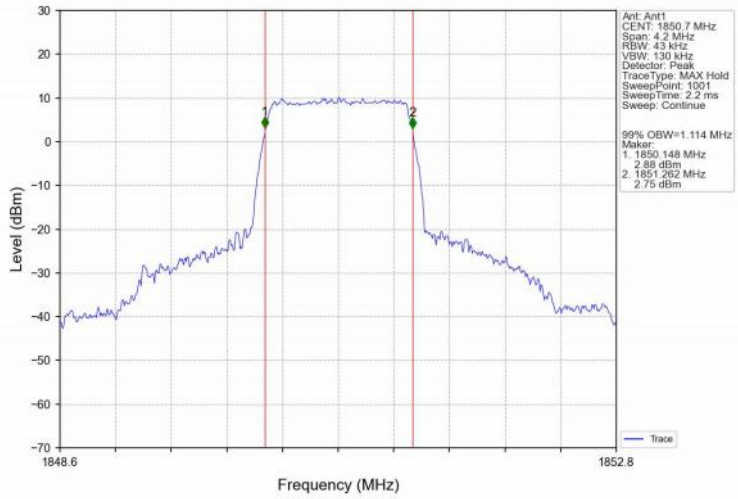
4.2 Test Graph

4.2.1 Band25_OBW

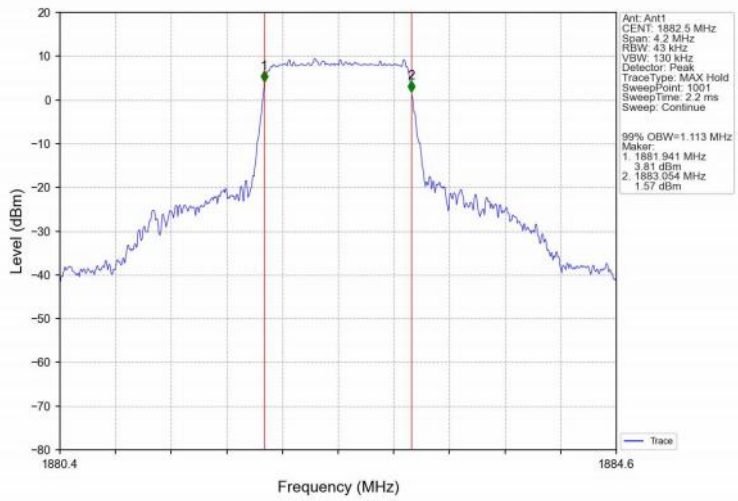
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV


Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV


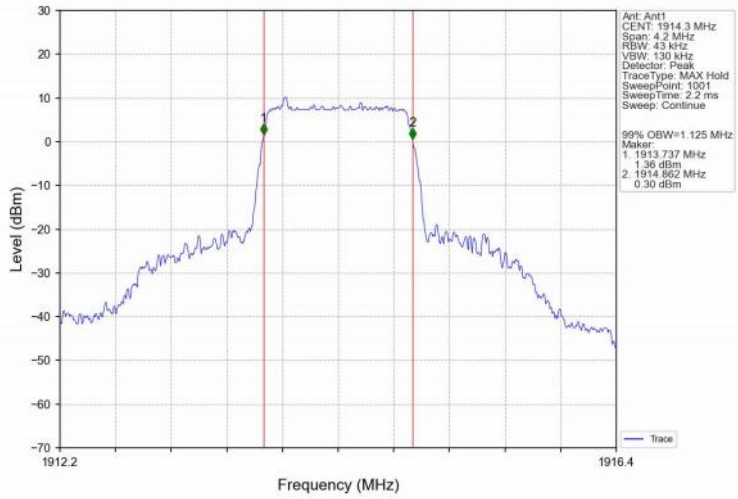
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV


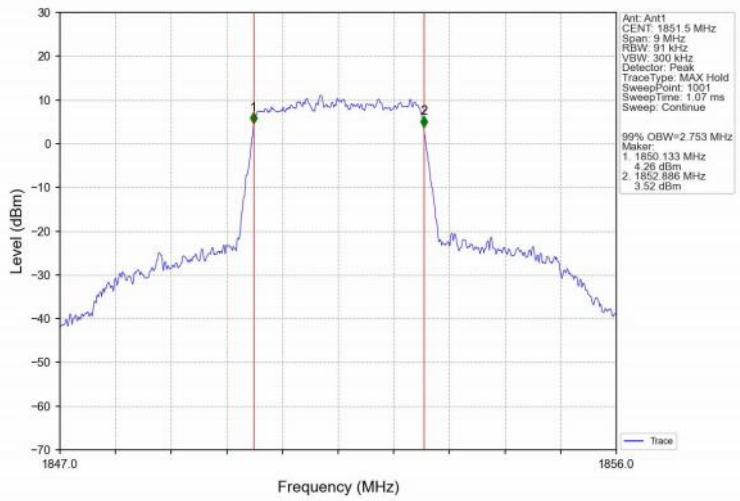
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



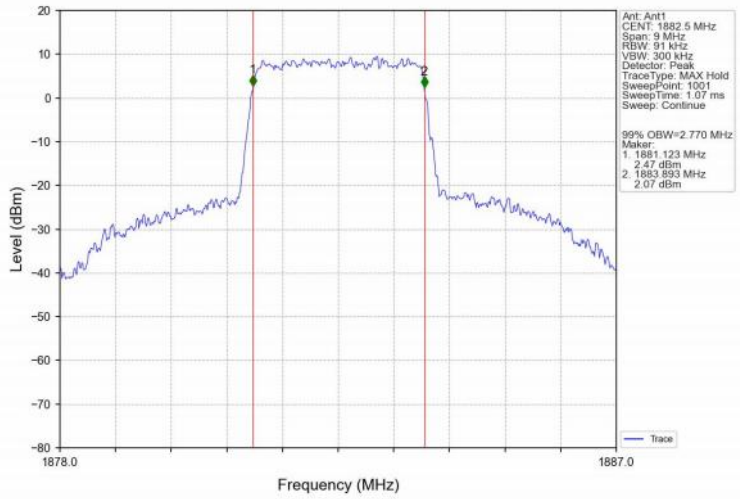
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



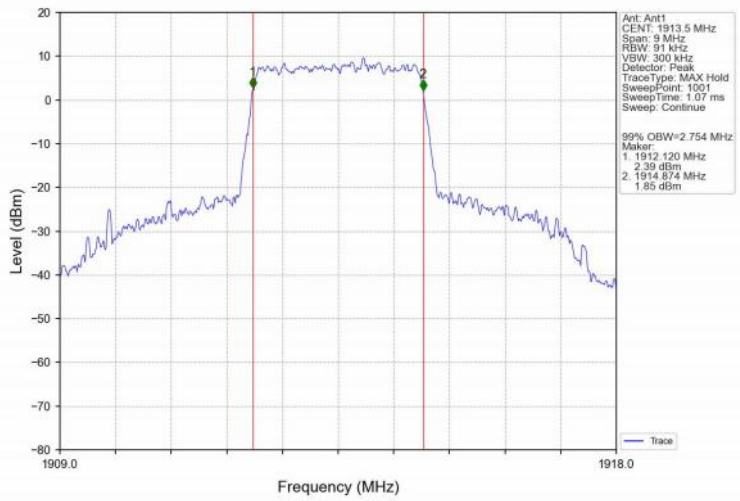
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



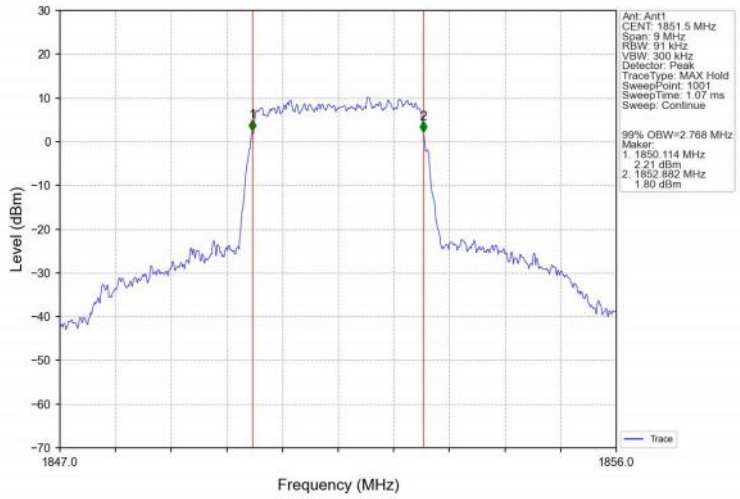
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



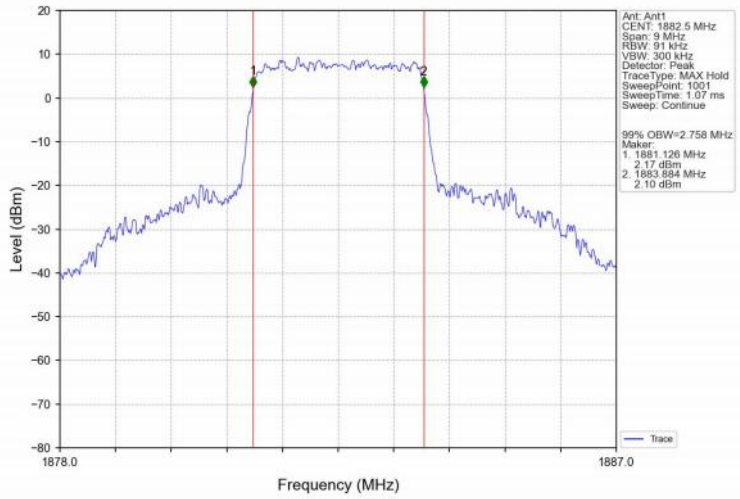
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



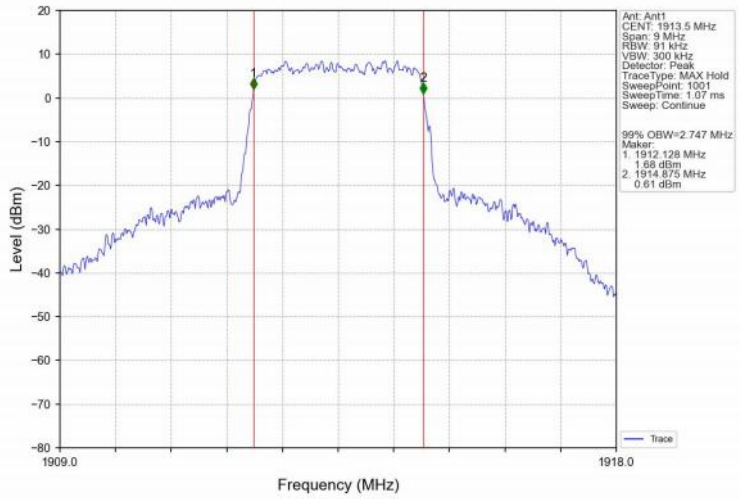
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



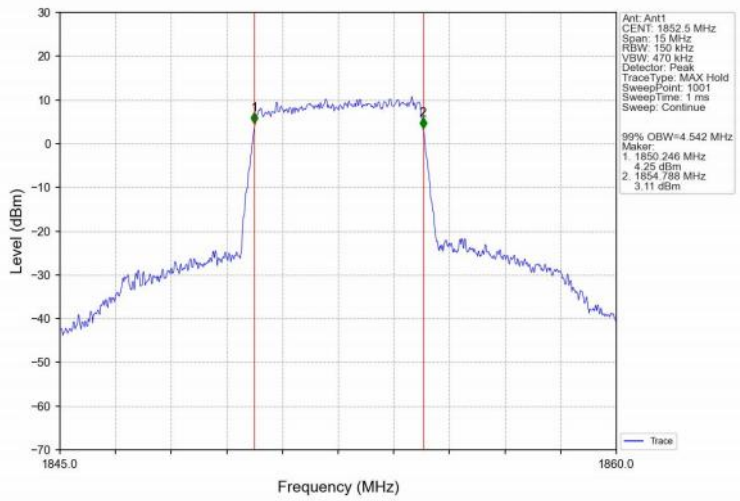
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



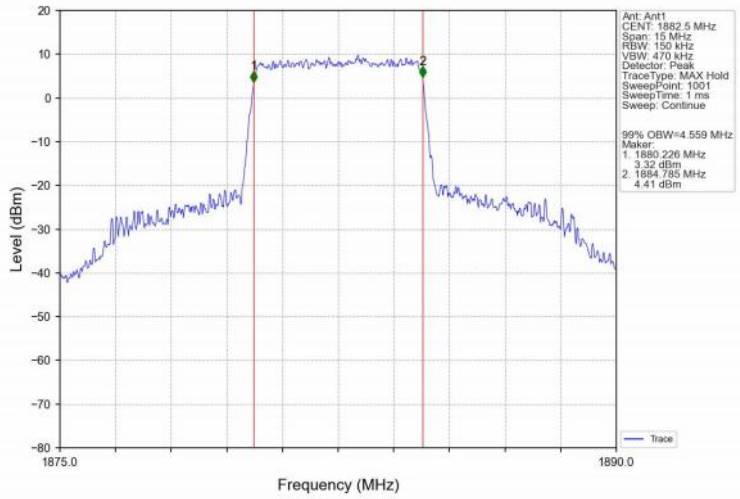
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



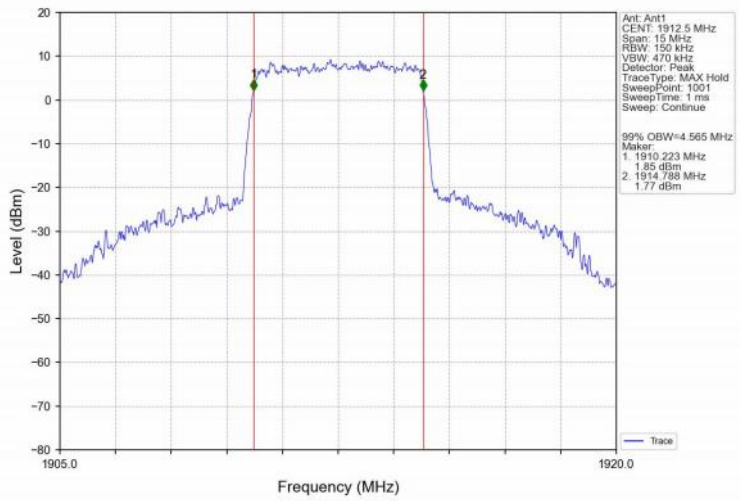
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



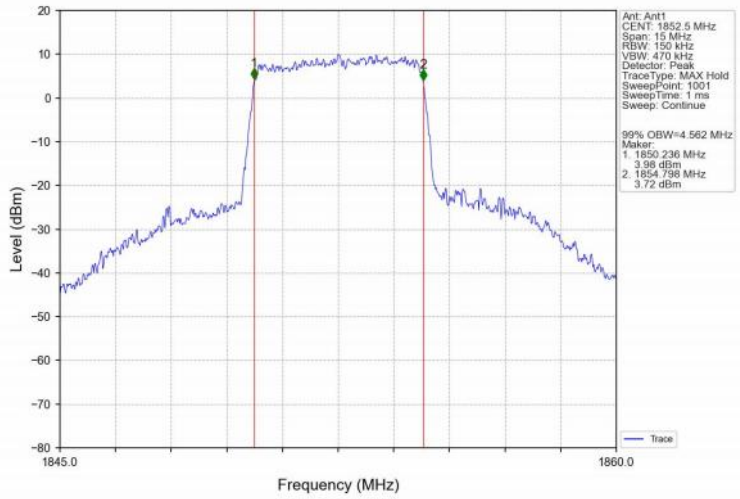
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



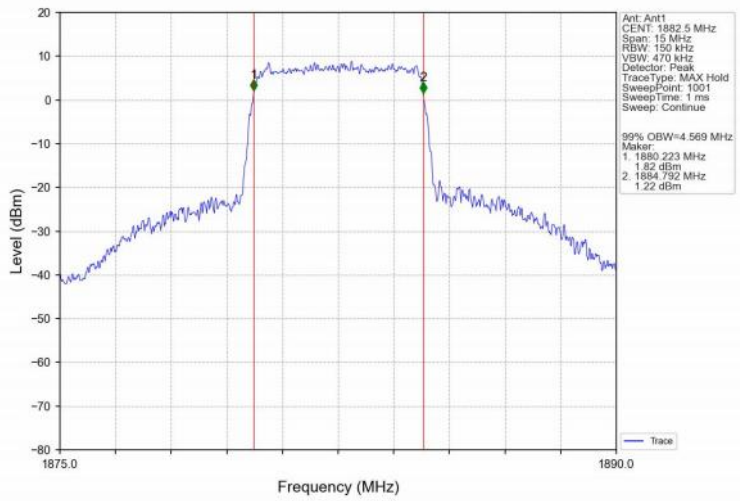
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



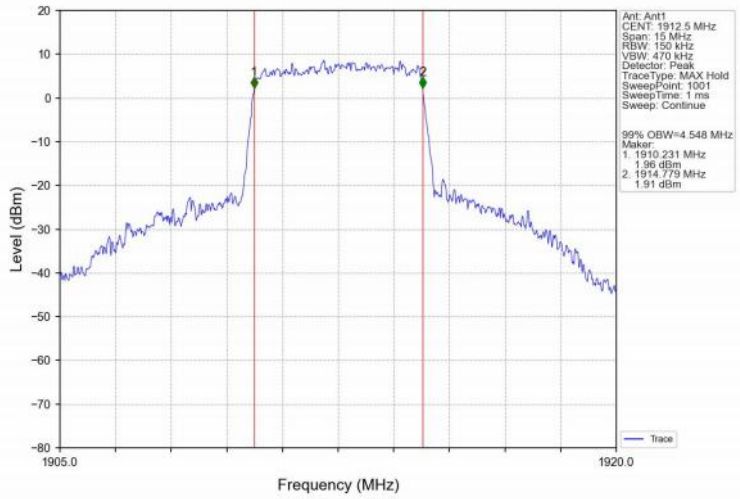
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



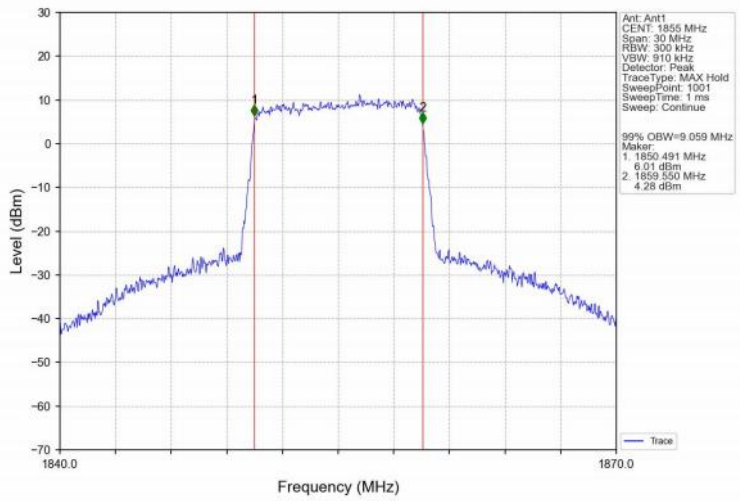
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



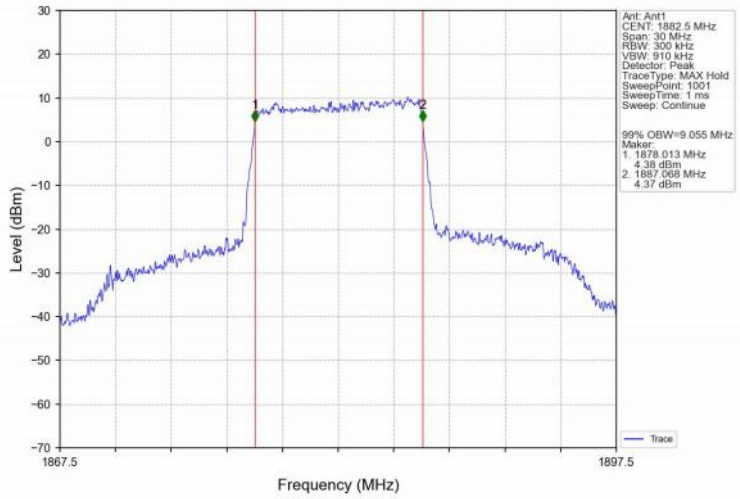
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



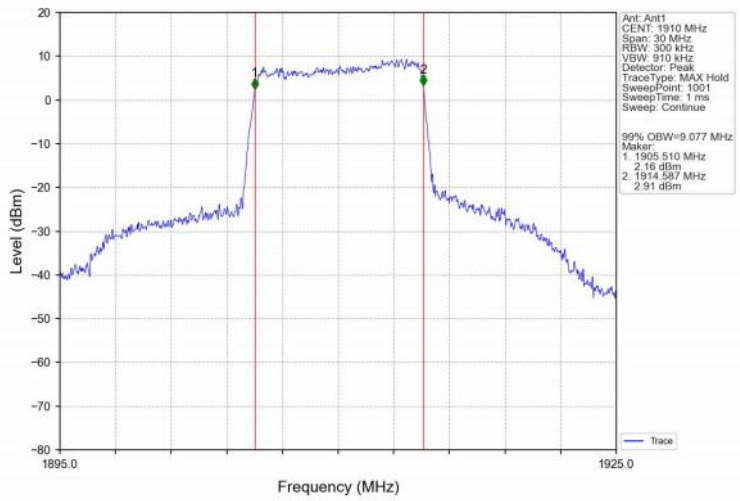
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



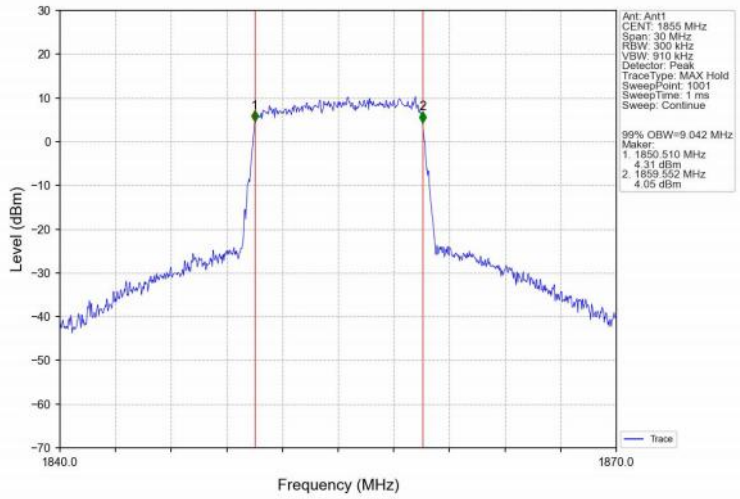
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



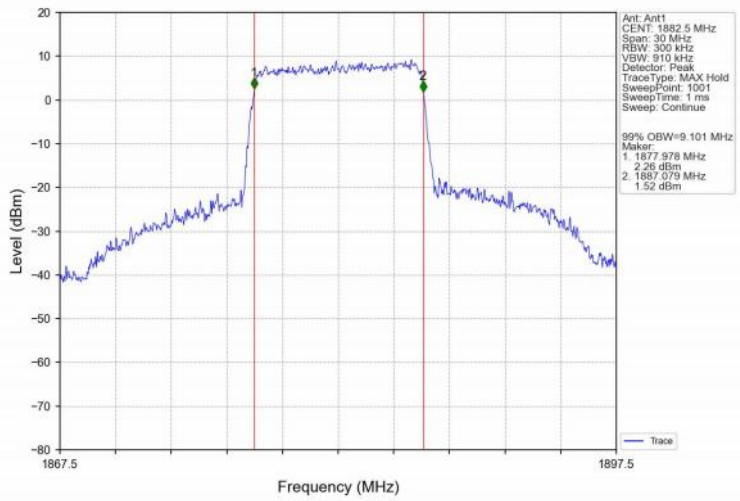
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



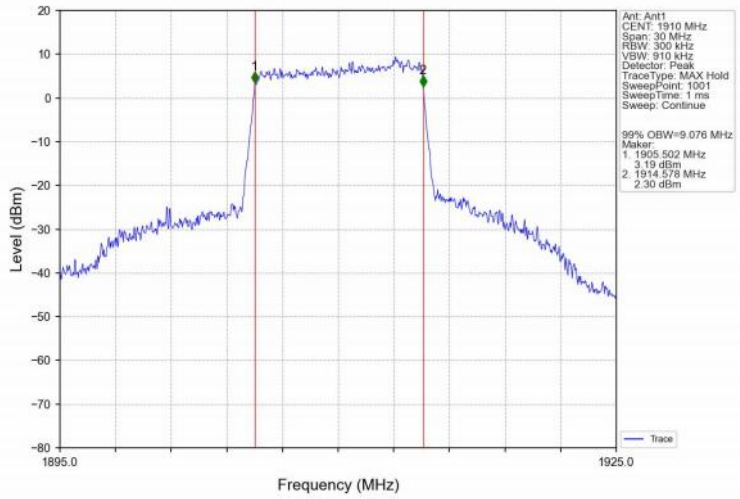
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



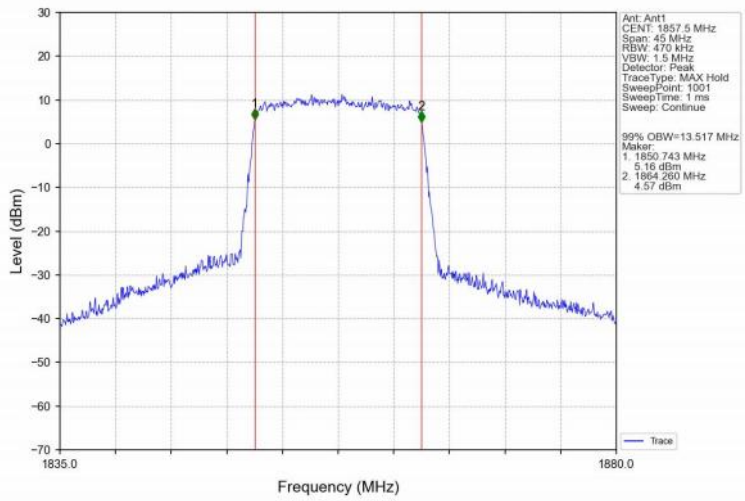
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



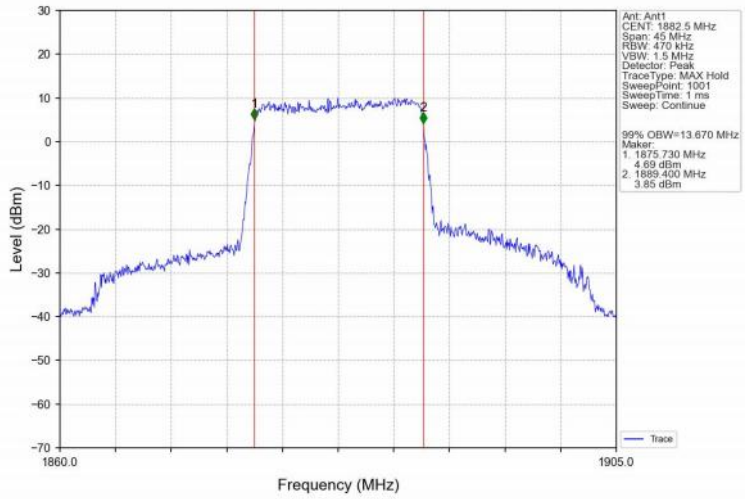
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



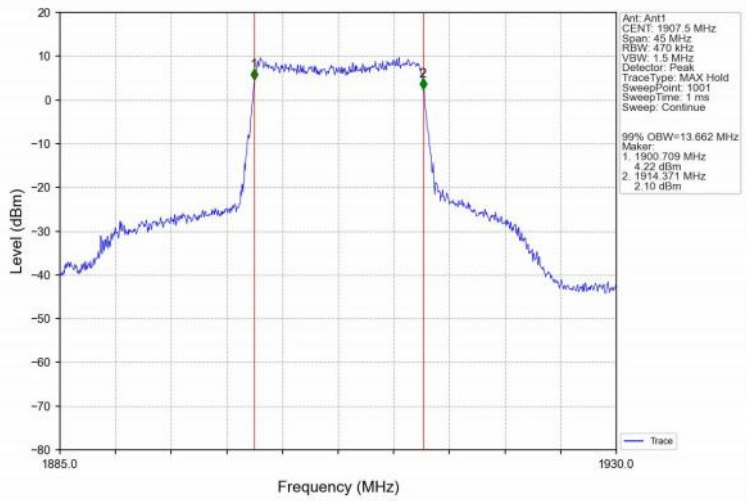
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



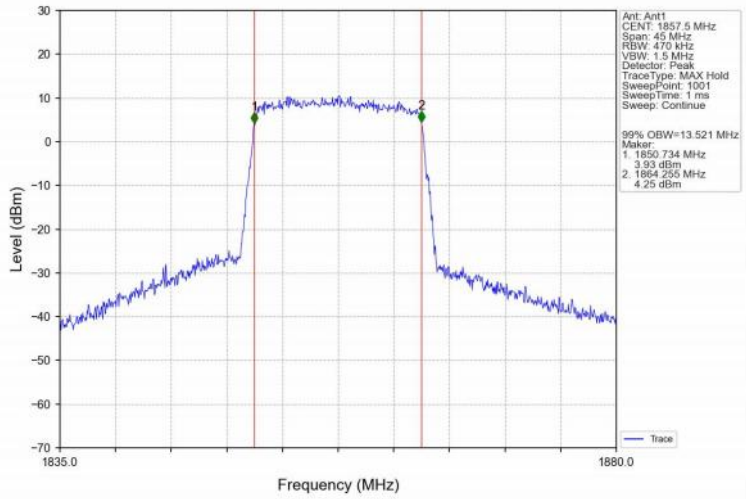
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



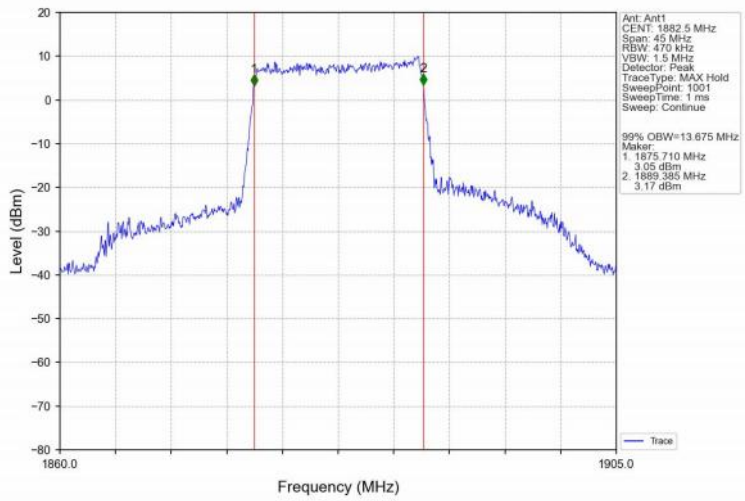
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



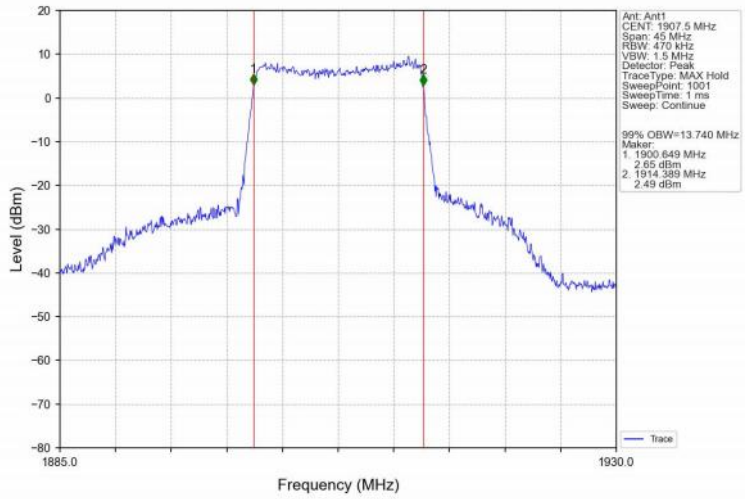
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



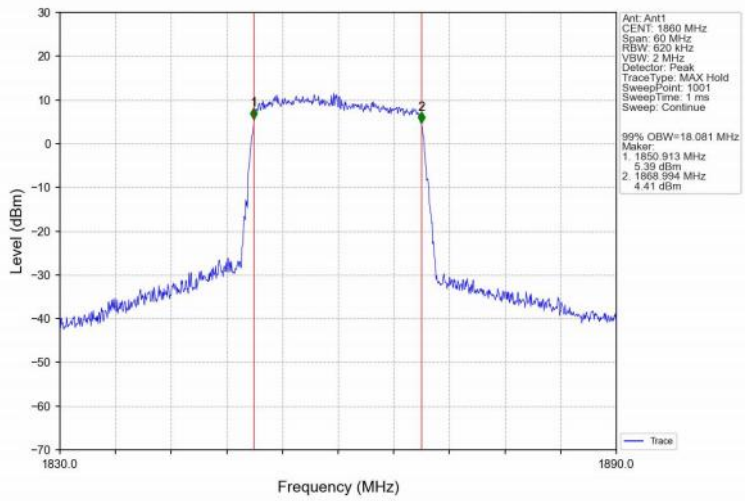
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



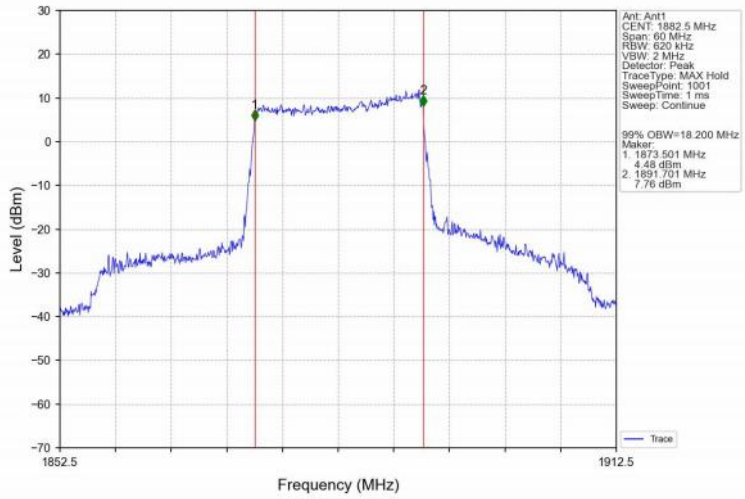
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



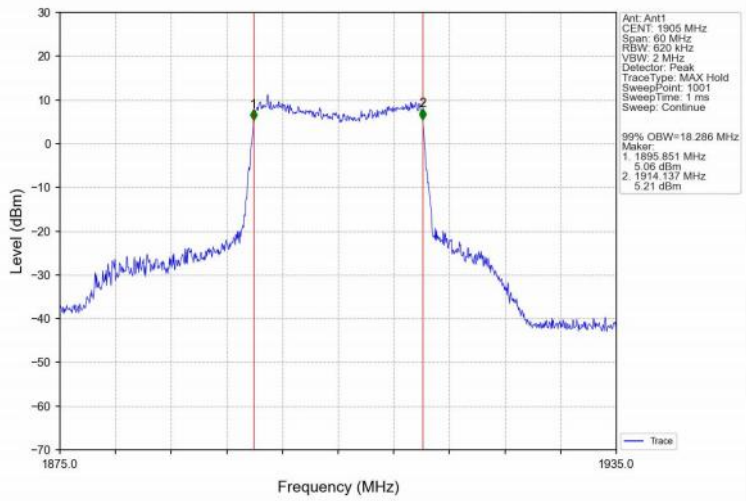
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



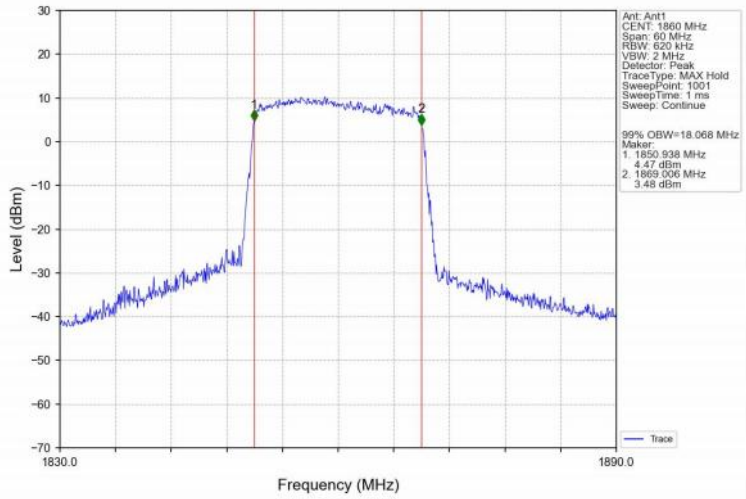
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



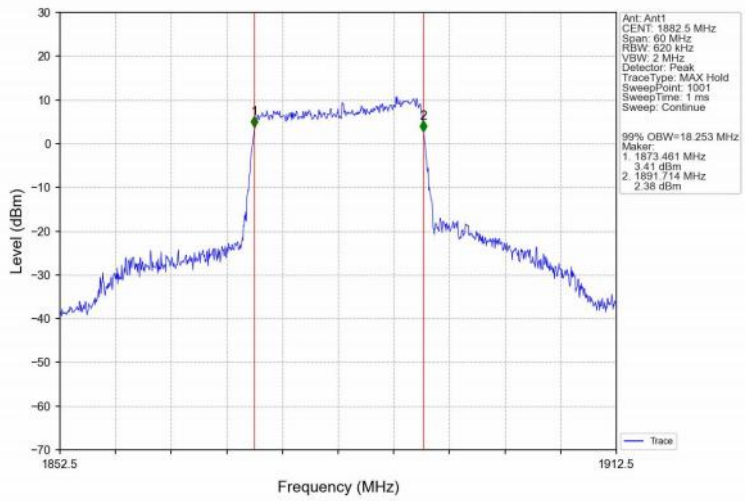
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



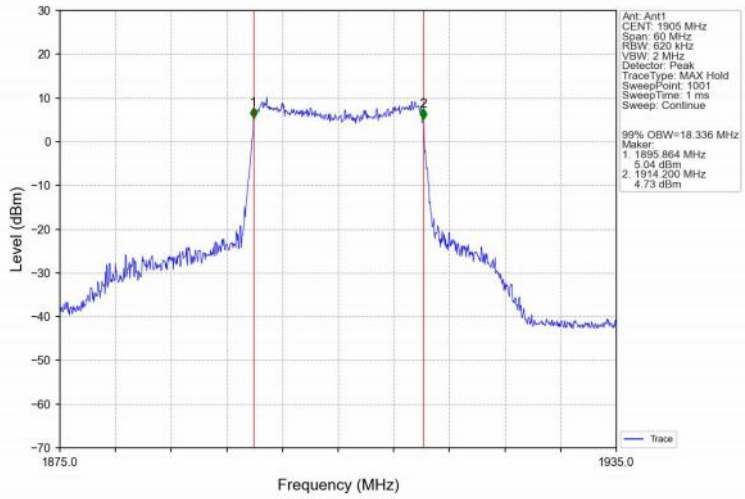
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

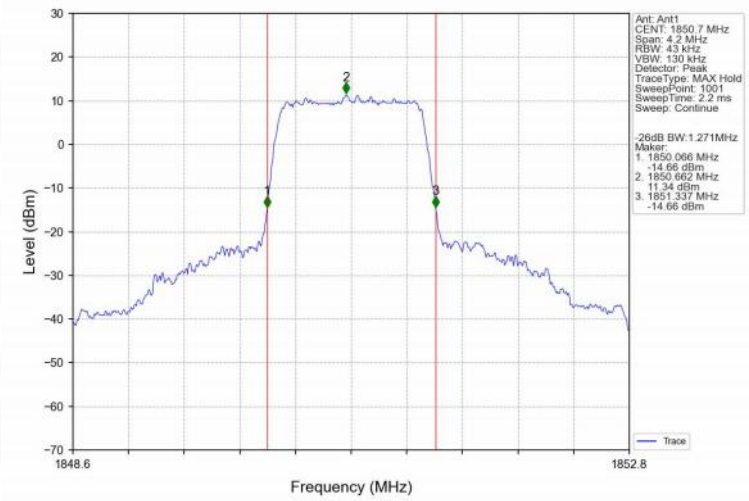


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

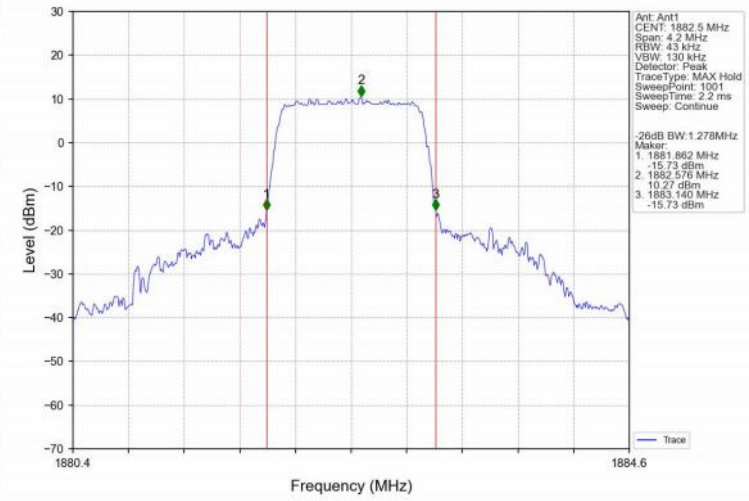


4.2.2 Band25_XDB

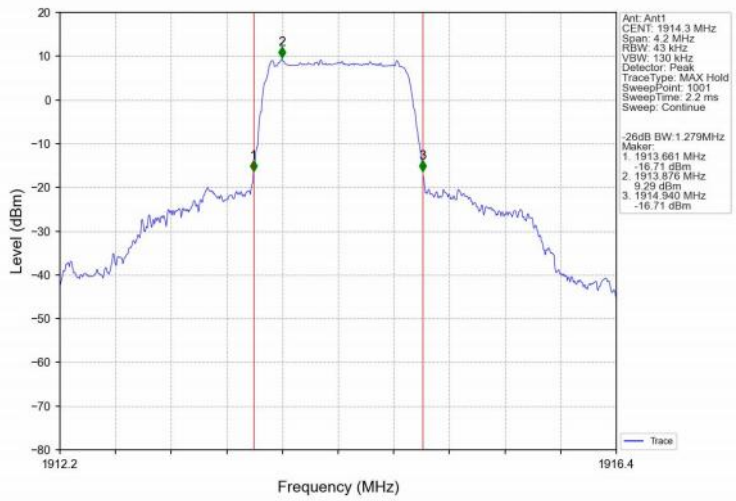
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



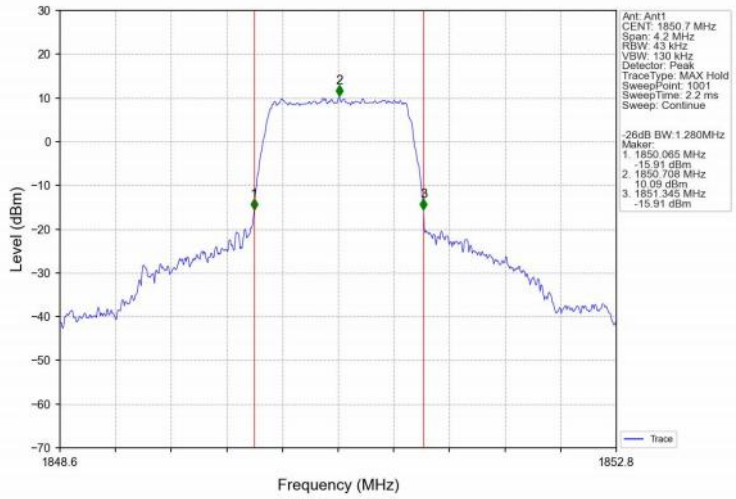
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



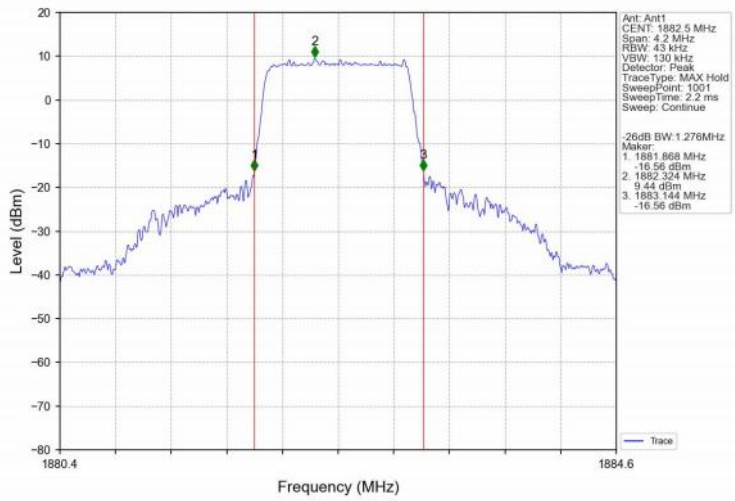
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



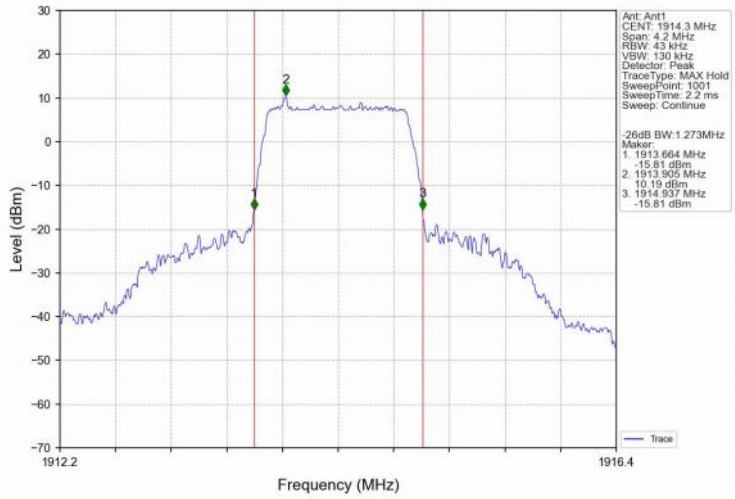
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



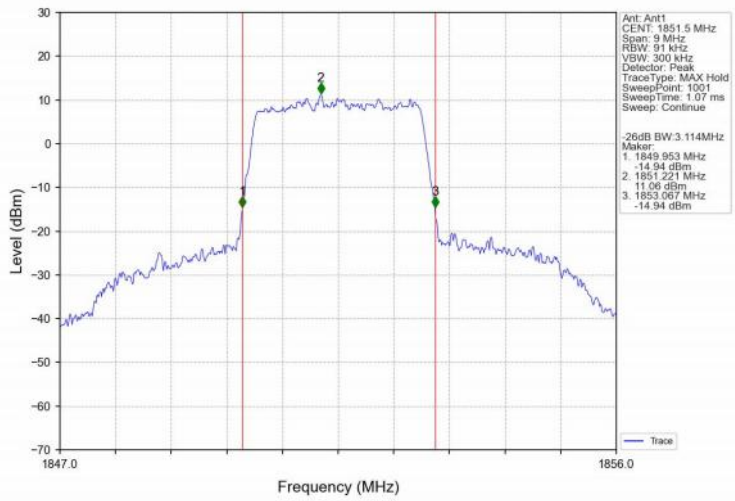
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



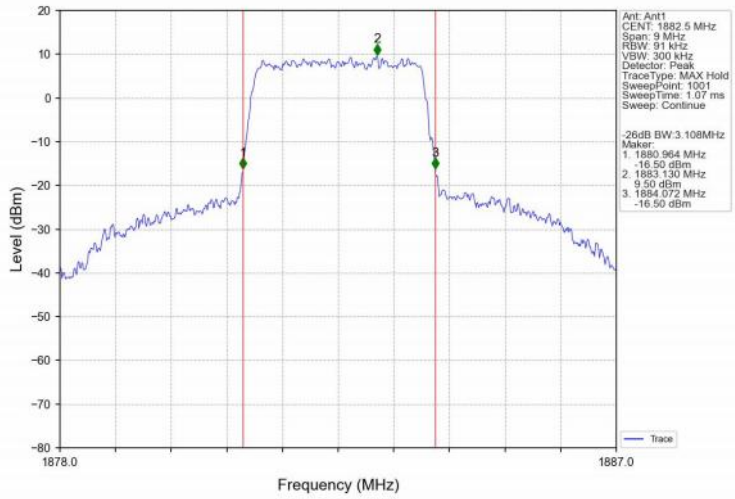
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



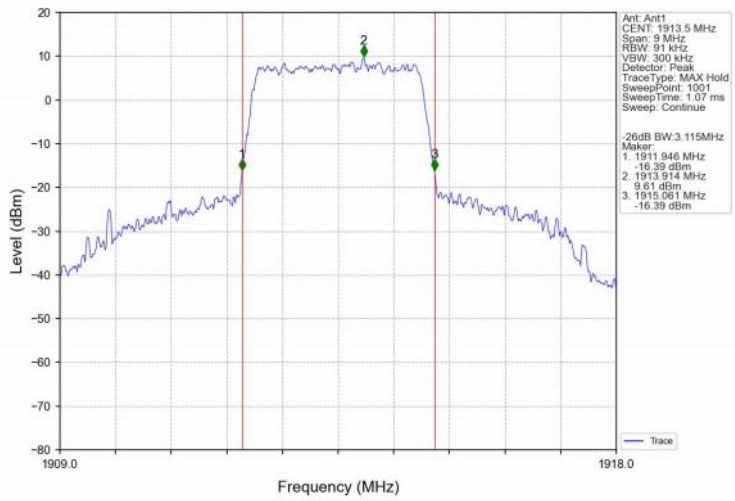
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



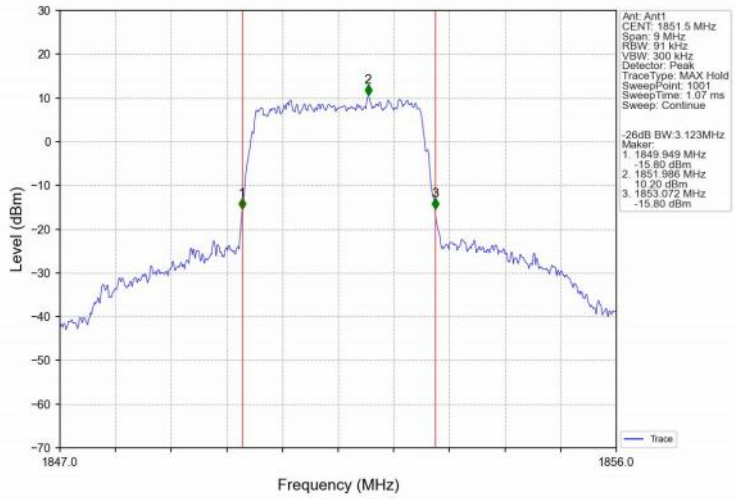
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



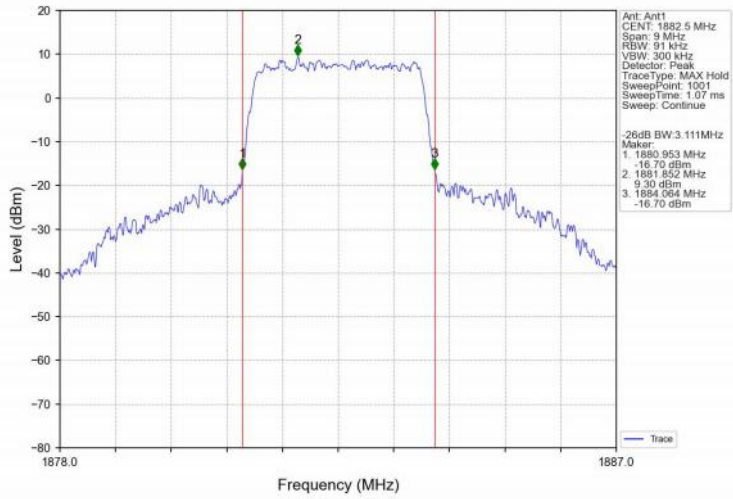
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



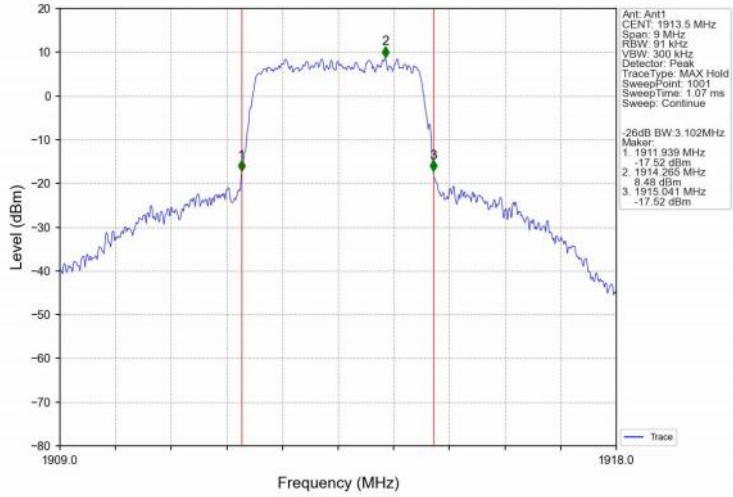
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



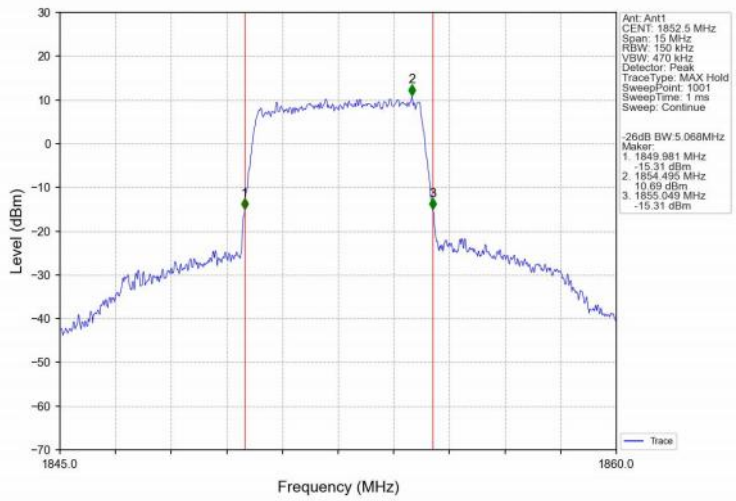
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



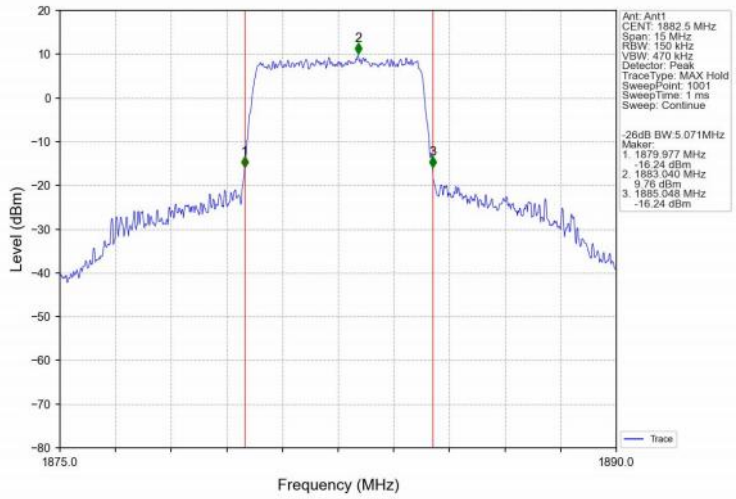
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



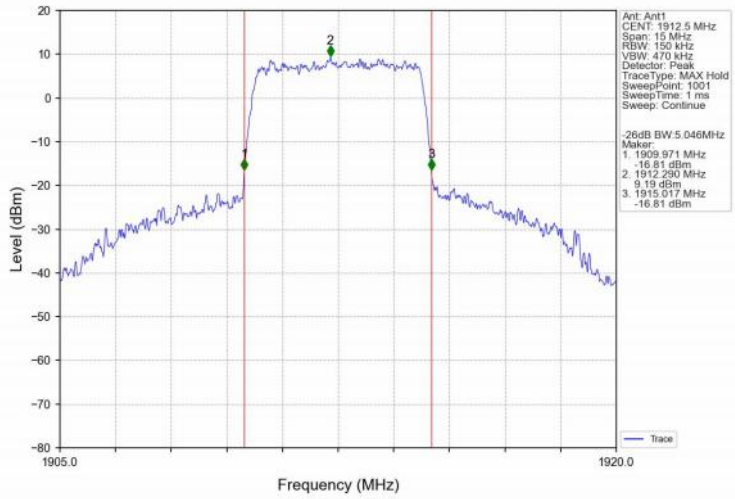
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



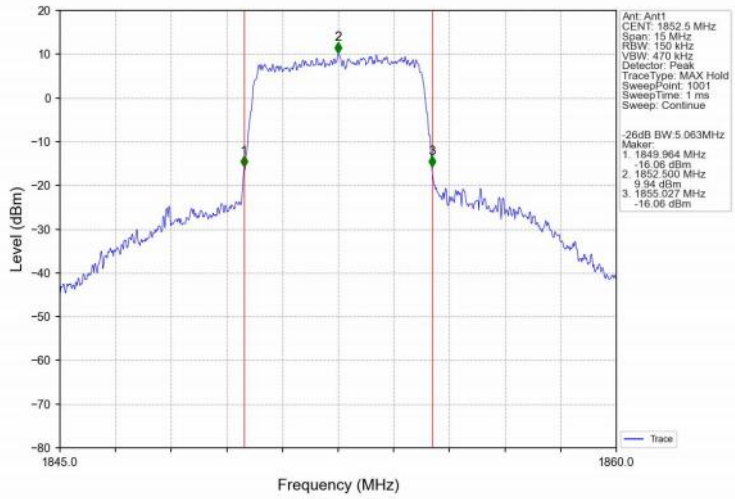
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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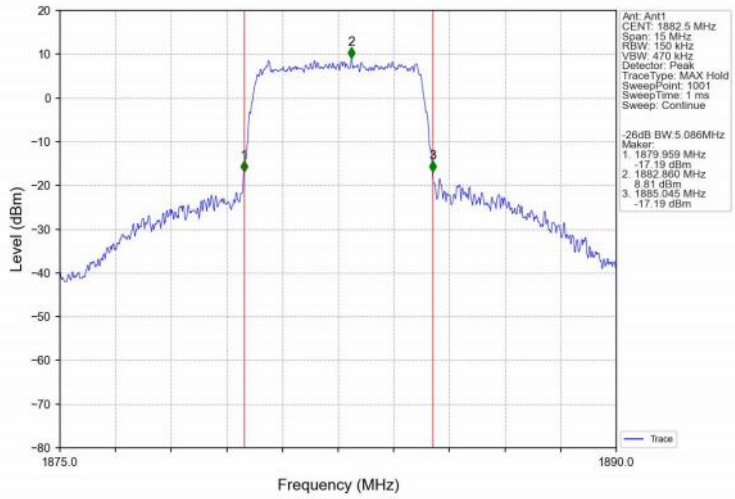
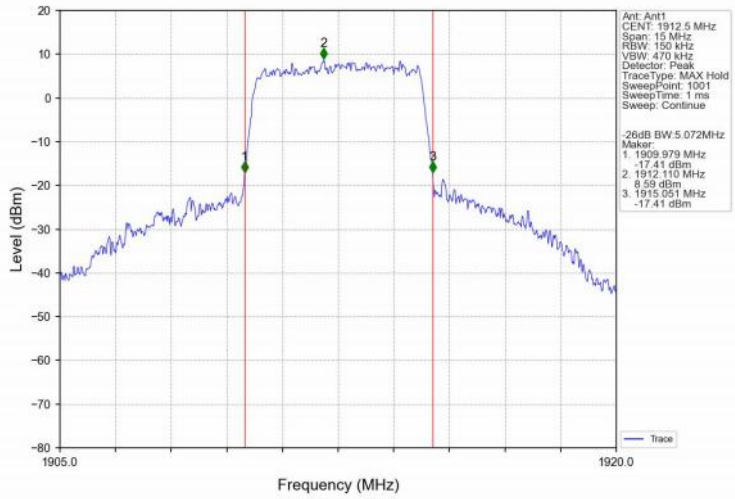
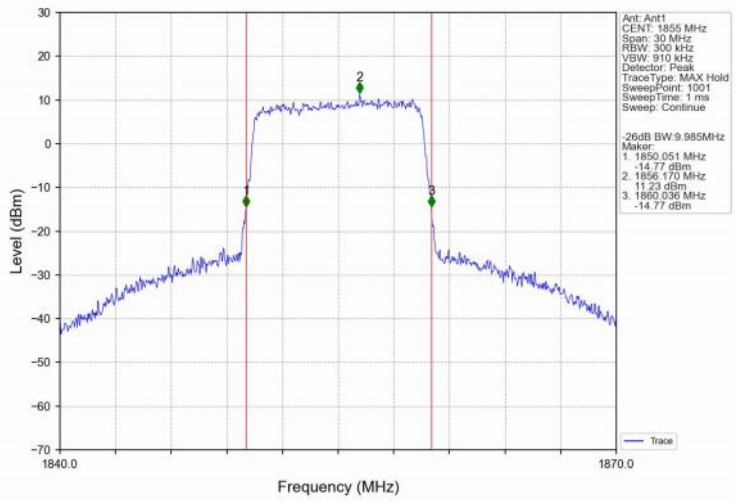


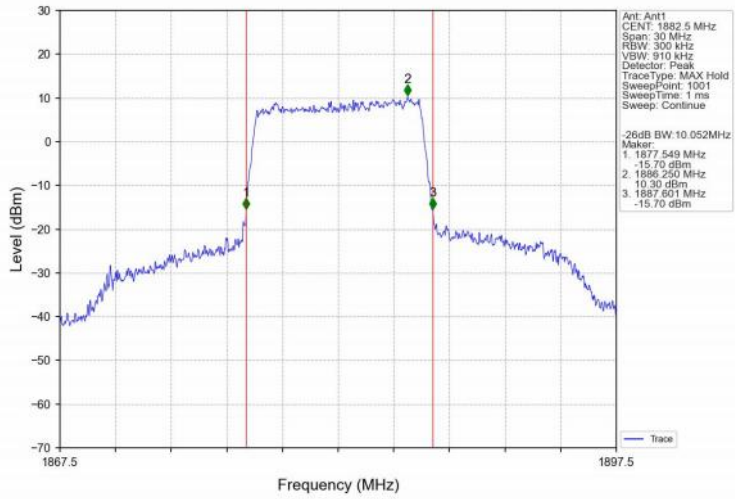
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



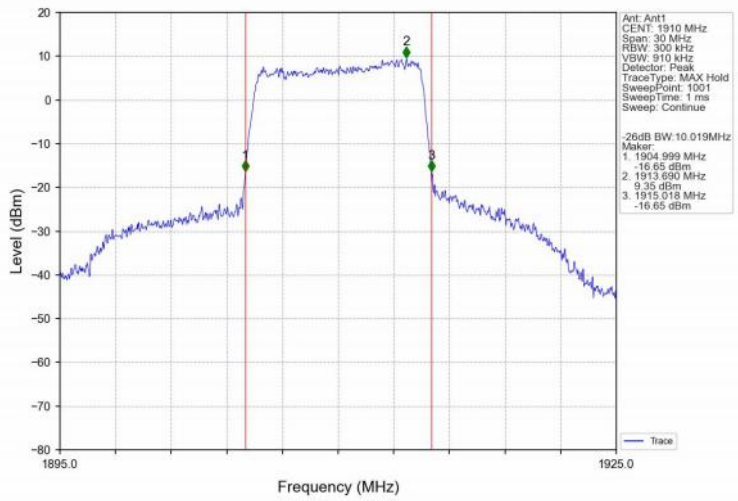
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



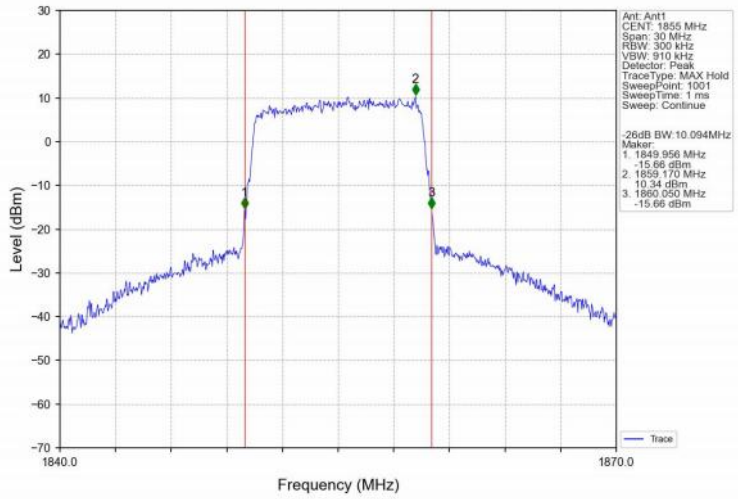
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



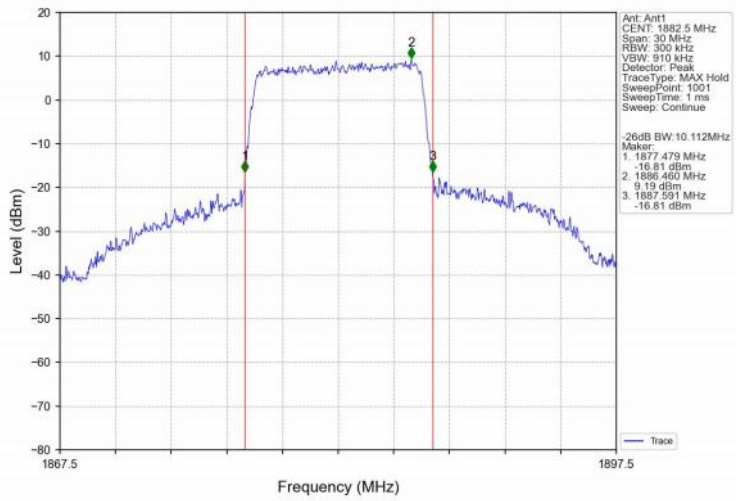
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



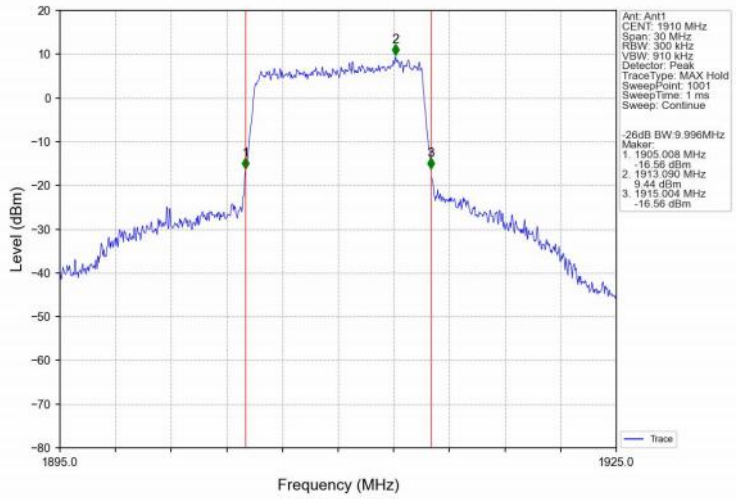
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



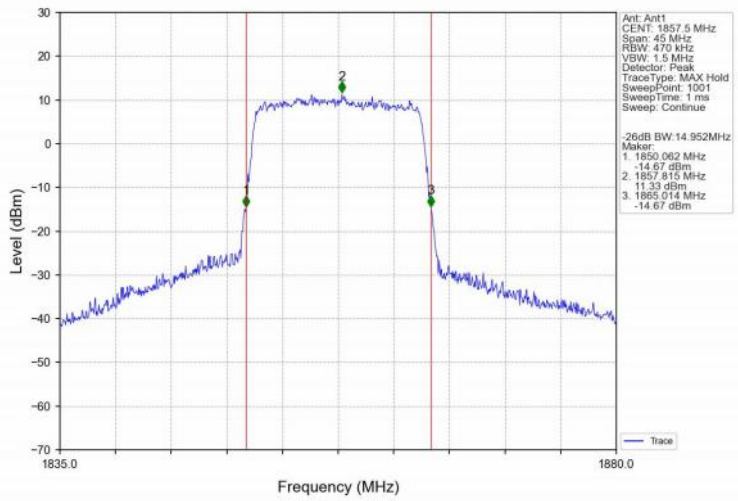
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



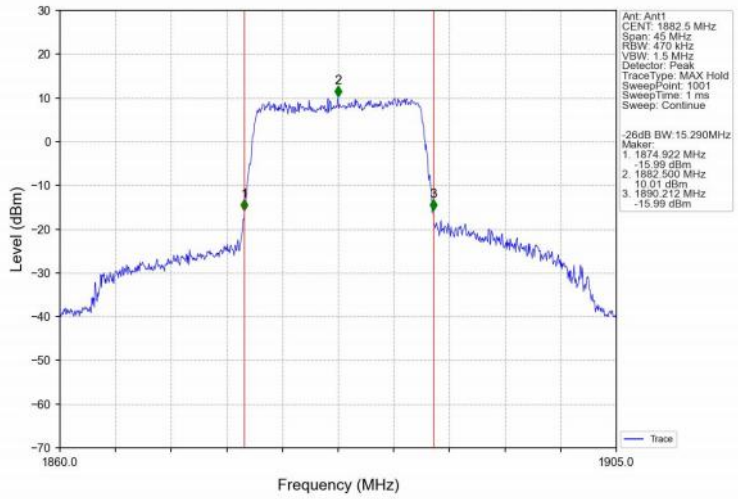
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



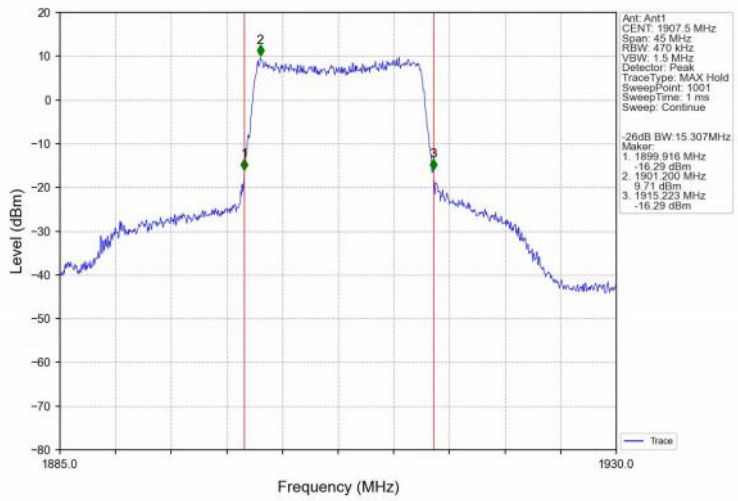
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



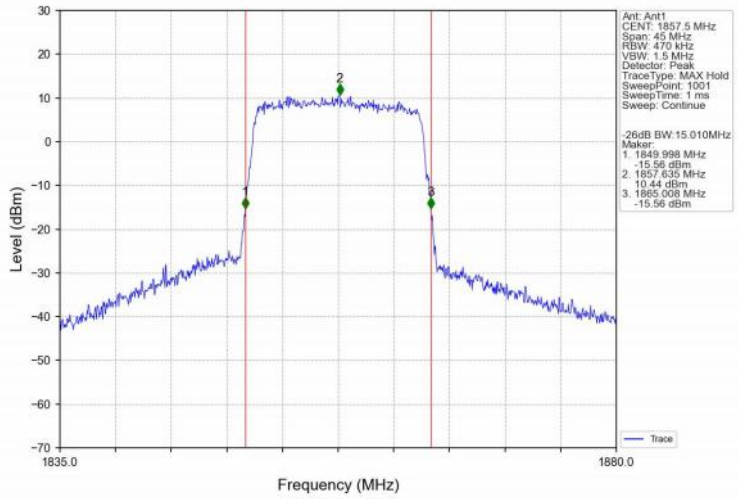
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



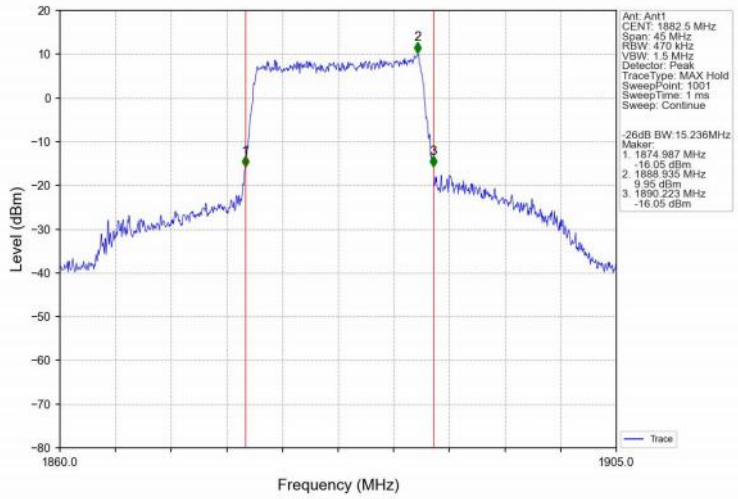
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



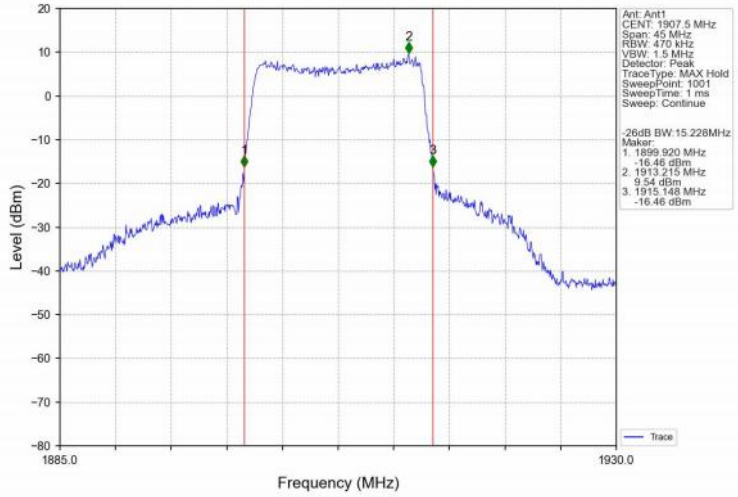
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



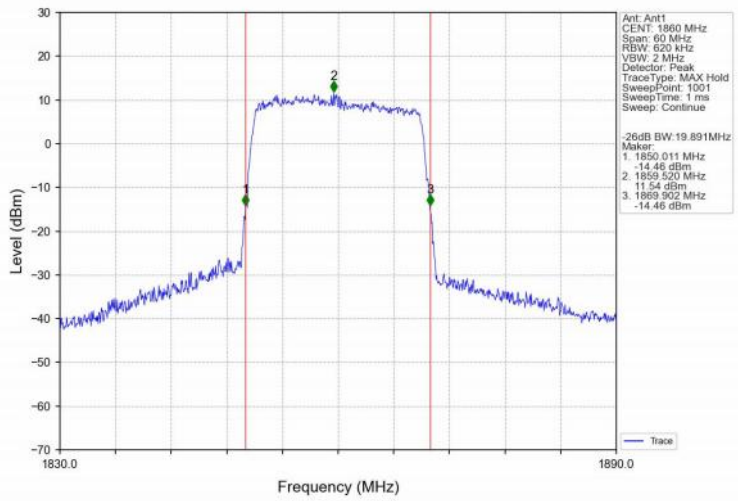
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



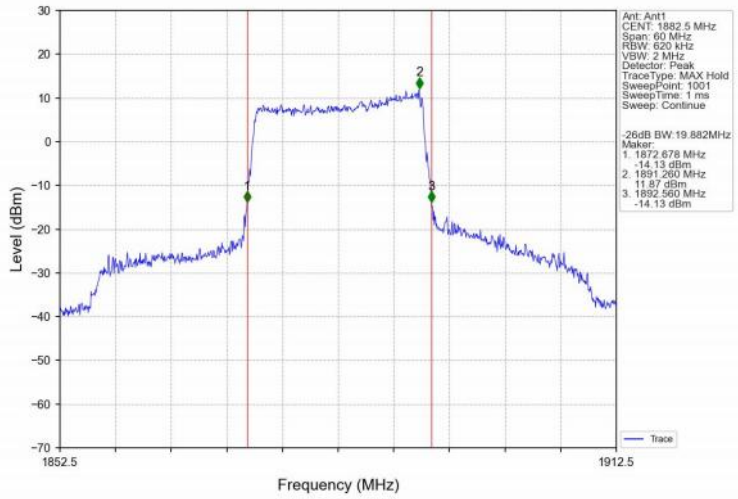
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



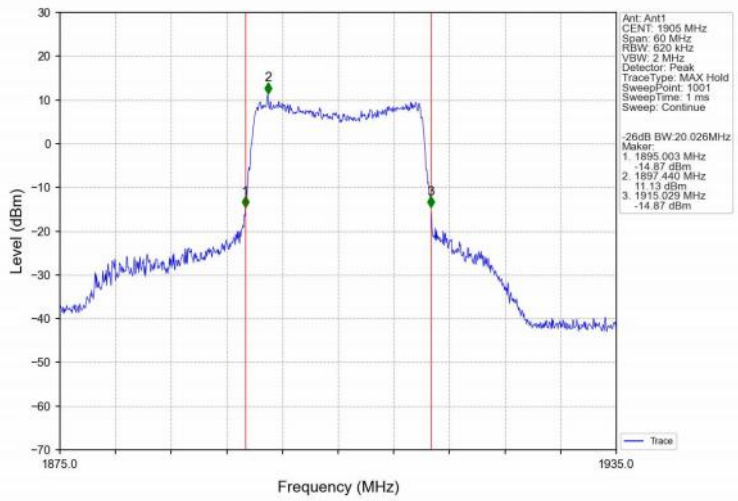
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



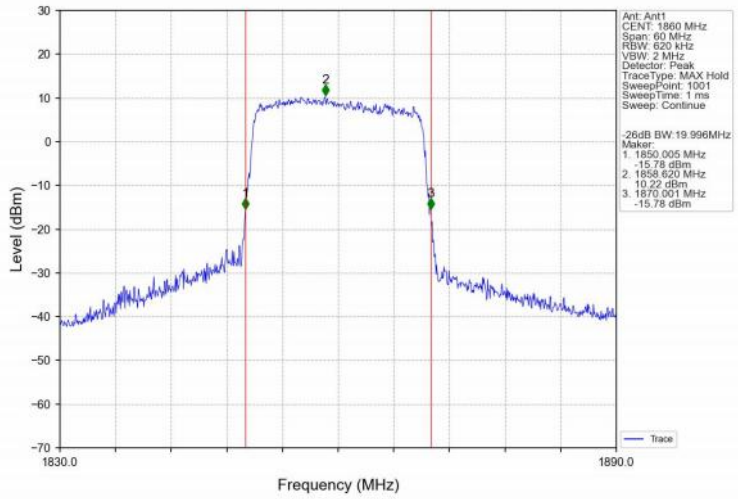
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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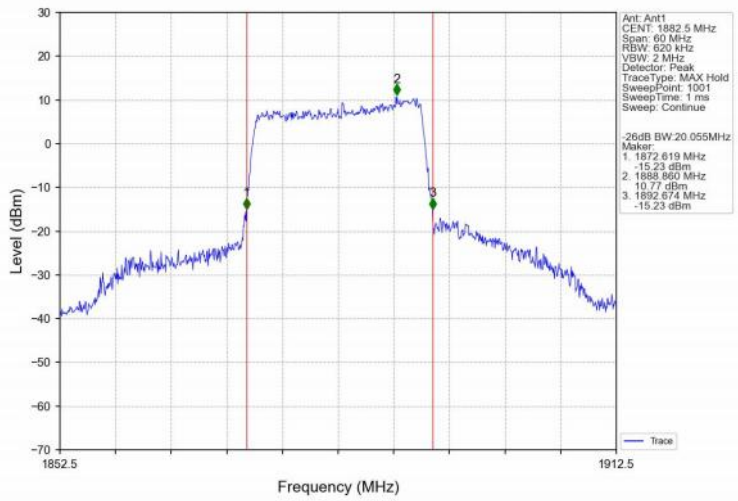
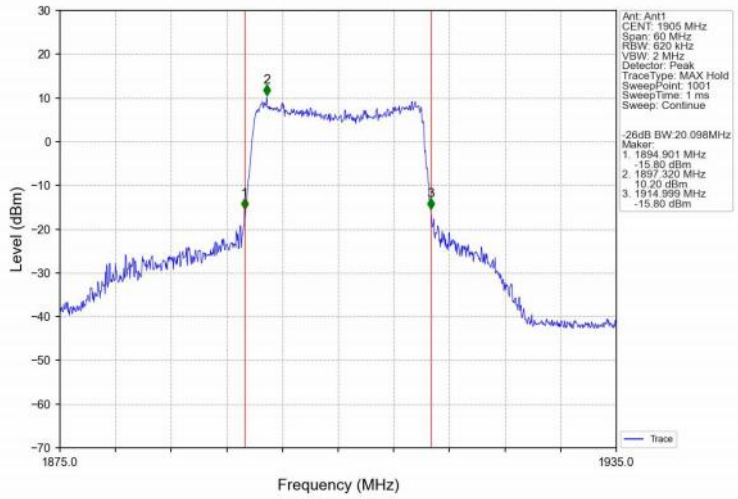


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B25_1.4MHz

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	4.79	<=13	Pass
	1882.5	6	0	4.72	<=13	Pass
	1914.3	6	0	4.35	<=13	Pass
16QAM	1850.7	6	0	5.47	<=13	Pass
	1882.5	6	0	5.50	<=13	Pass
	1914.3	6	0	5.16	<=13	Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.80	<=13	Pass
	1882.5	15	0	4.88	<=13	Pass
	1913.5	15	0	4.48	<=13	Pass
16QAM	1851.5	15	0	5.55	<=13	Pass
	1882.5	15	0	5.64	<=13	Pass
	1913.5	15	0	5.31	<=13	Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	4.99	<=13	Pass
	1882.5	25	0	5.13	<=13	Pass
	1912.5	25	0	4.89	<=13	Pass
16QAM	1852.5	25	0	5.71	<=13	Pass
	1882.5	25	0	5.81	<=13	Pass
	1912.5	25	0	5.55	<=13	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.04	<=13	Pass
	1882.5	50	0	5.22	<=13	Pass
	1910	50	0	5.22	<=13	Pass
16QAM	1855	50	0	5.75	<=13	Pass
	1882.5	50	0	5.88	<=13	Pass
	1910	50	0	5.90	<=13	Pass

5.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz / NTNV				
Modulation	Frequency	RB Allocation	Peak-Average Ratio (dB)	Verdict

	(MHz)	Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.78	<=13	Pass
	1882.5	75	0	4.89	<=13	Pass
	1907.5	75	0	4.94	<=13	Pass
16QAM	1857.5	75	0	6.07	<=13	Pass
	1882.5	75	0	6.07	<=13	Pass
	1907.5	75	0	6.18	<=13	Pass

5.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.67	<=13	Pass
	1882.5	100	0	5.70	<=13	Pass
	1905	100	0	5.68	<=13	Pass
16QAM	1860	100	0	6.70	<=13	Pass
	1882.5	100	0	6.74	<=13	Pass
	1905	100	0	6.75	<=13	Pass

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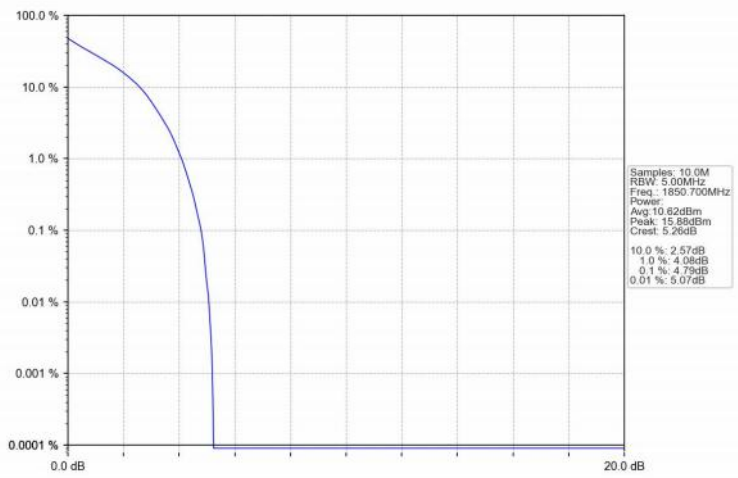
Email: info@btf-lab.com Tel: +86-755-23146130 http://www.btf-lab.com

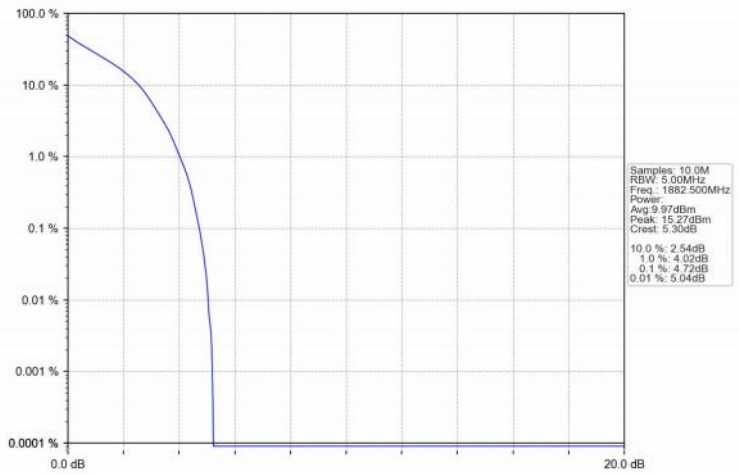
5.2 Test Graph

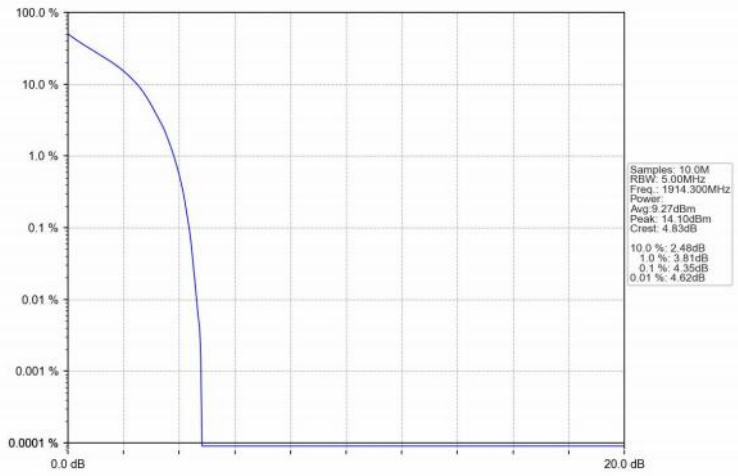
5.2.1 B25_1.4MHz

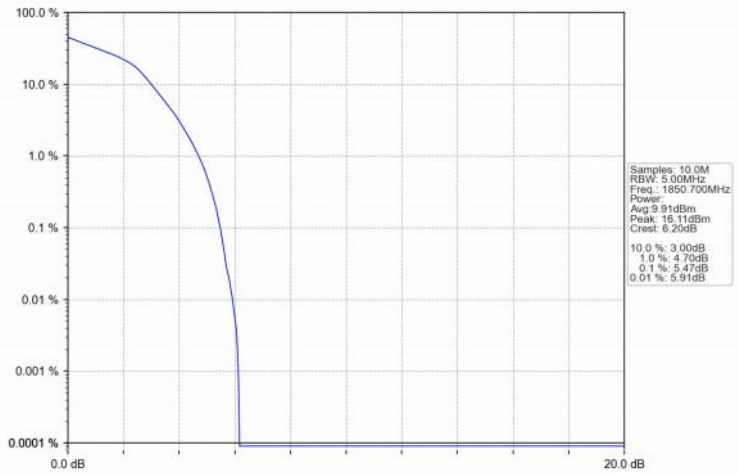
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



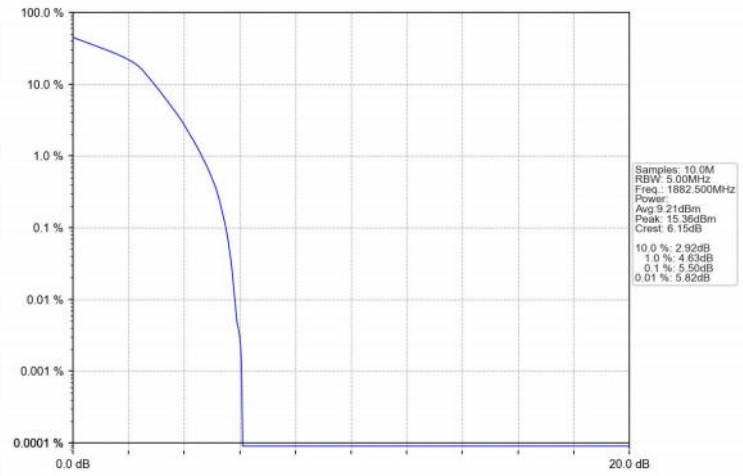
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



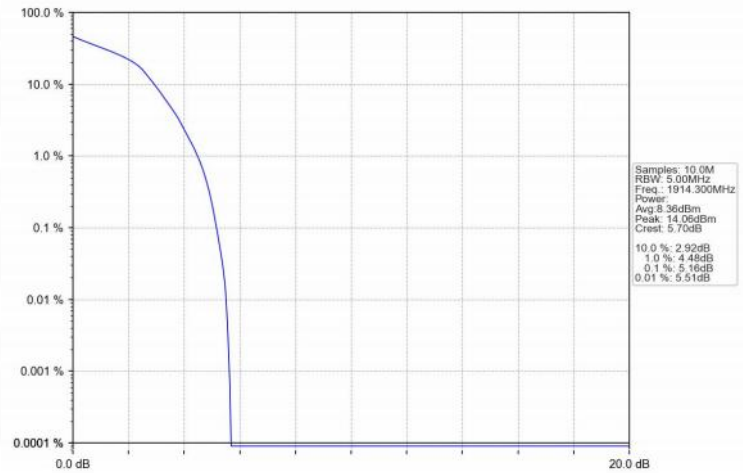
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV


Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

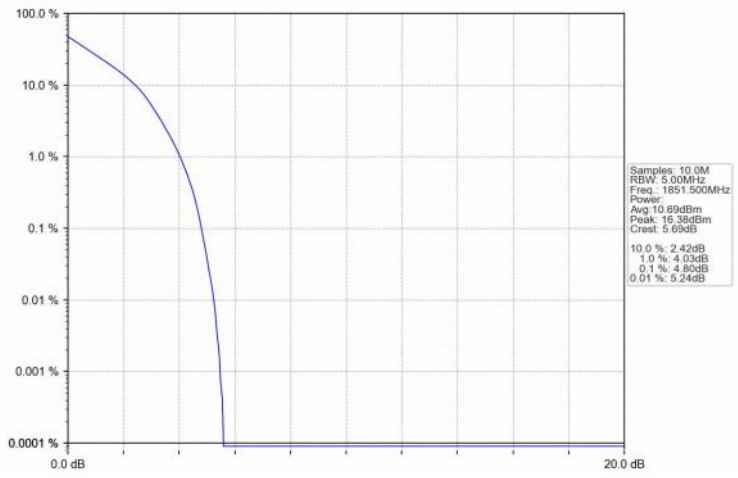


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

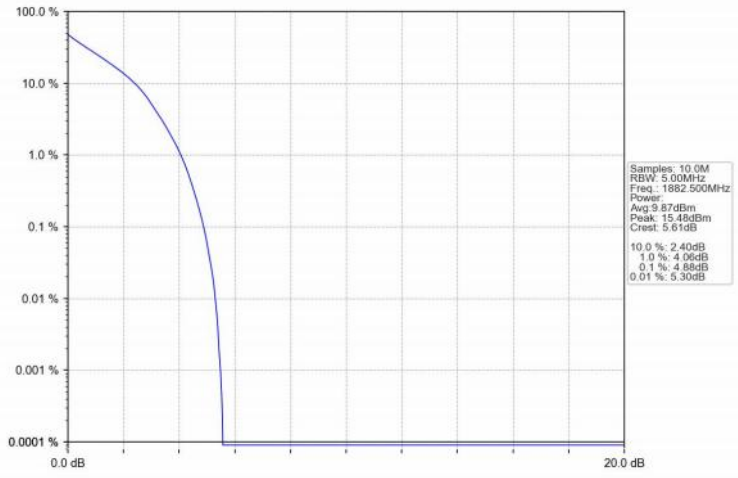


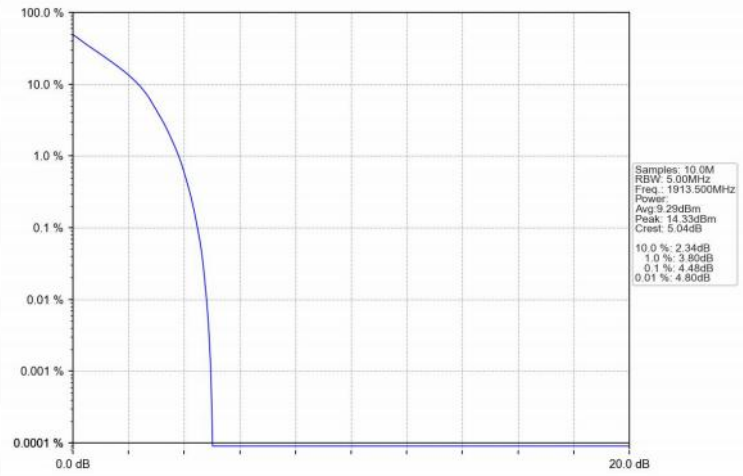
5.2.2 B25_3MHz

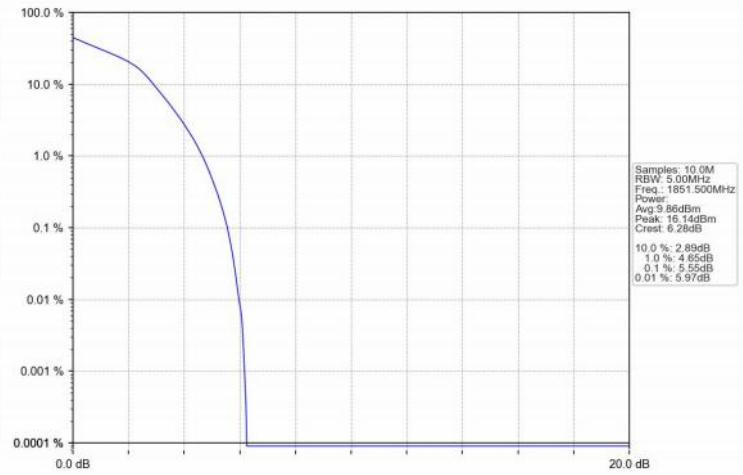
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



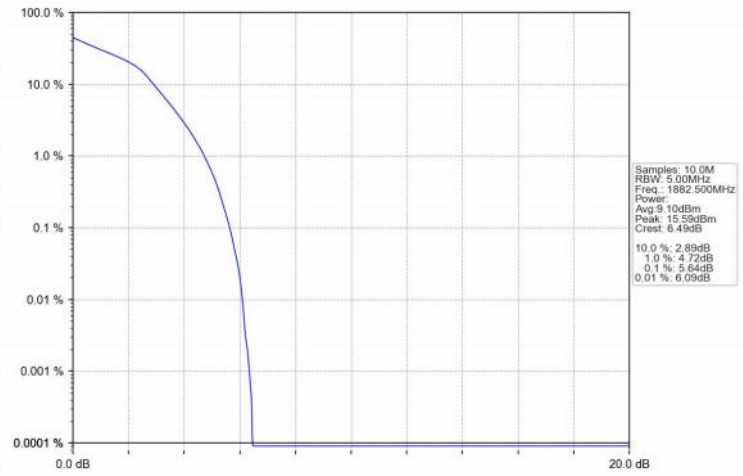
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



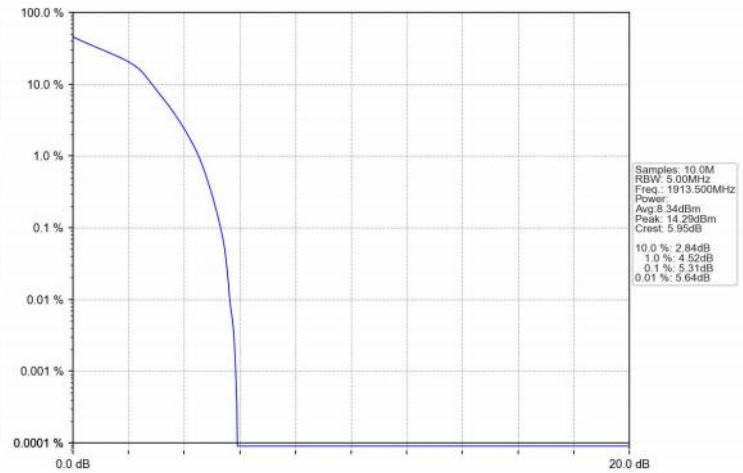
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV


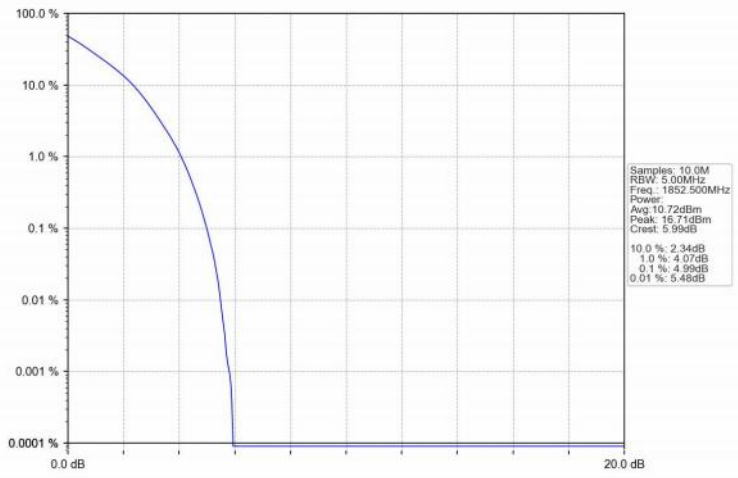
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

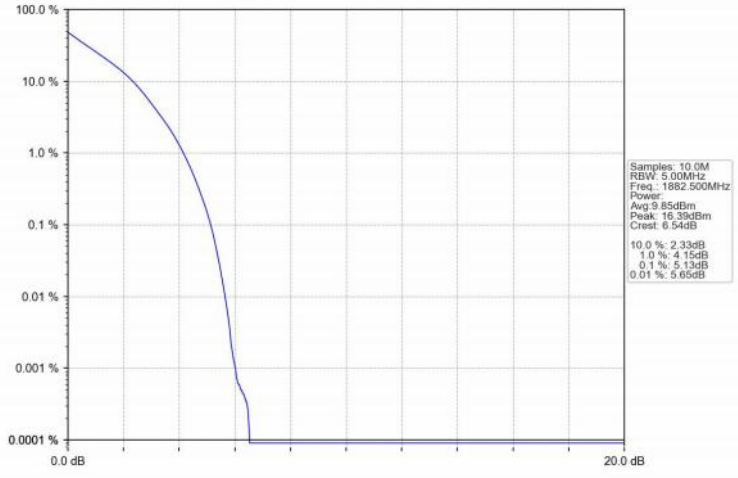


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

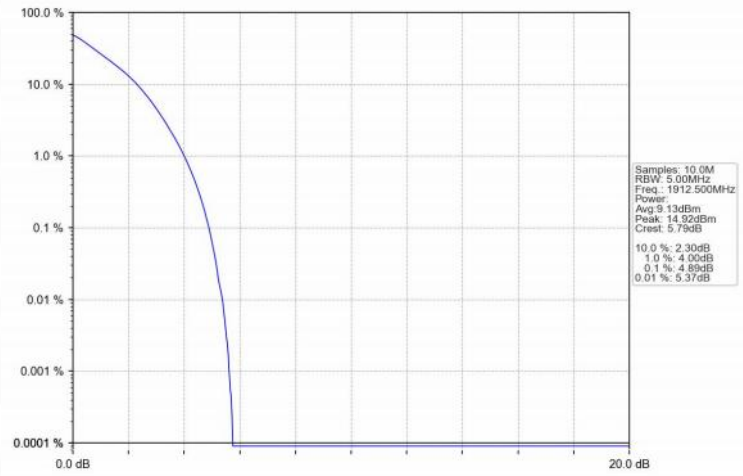


5.2.3 B25_5MHz

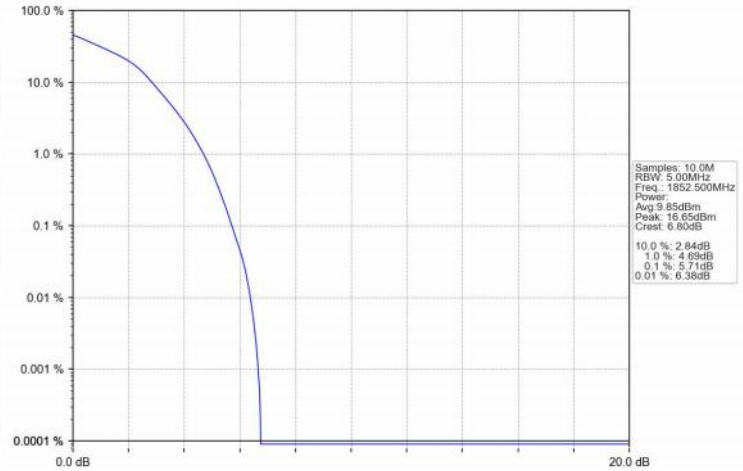
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV


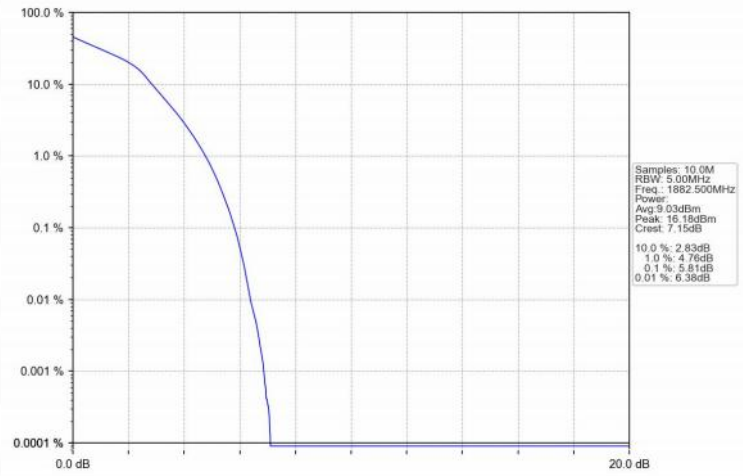
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV


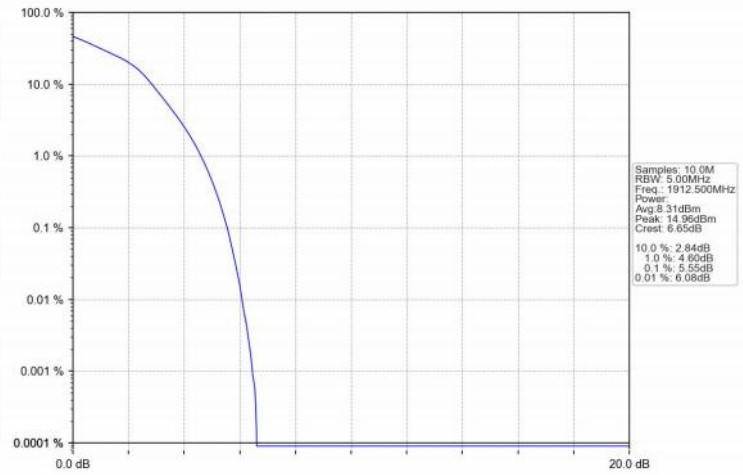
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



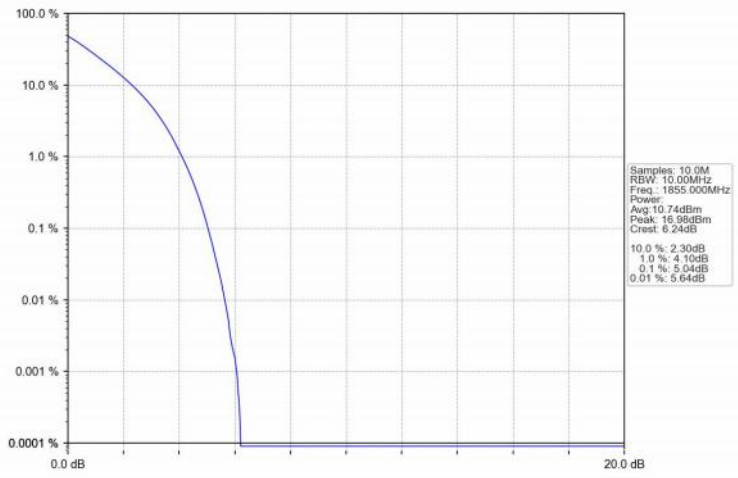
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

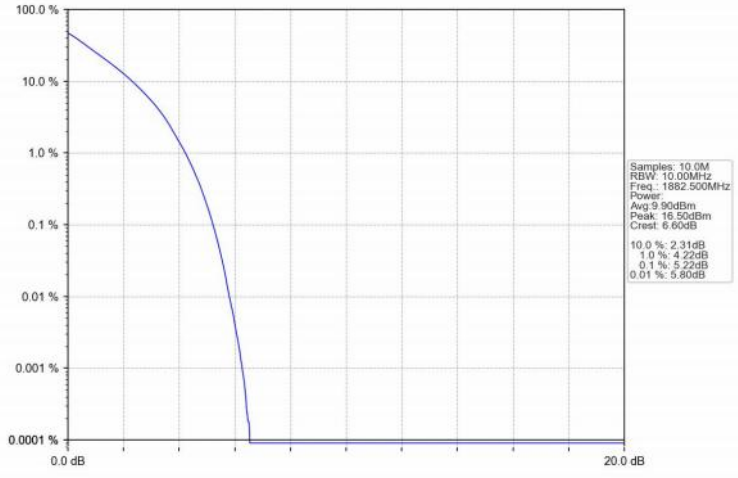


Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV


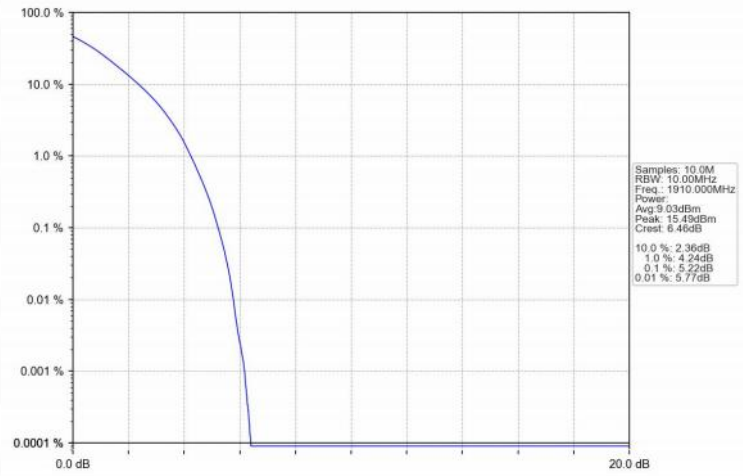
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV


5.2.4 B25_10MHz

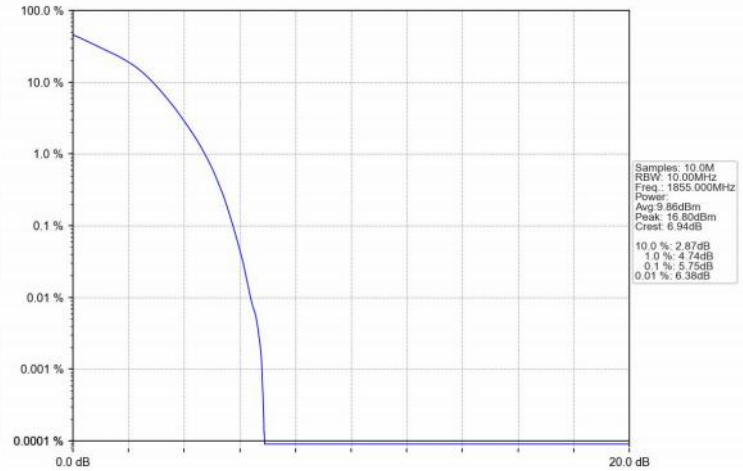
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV


Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV


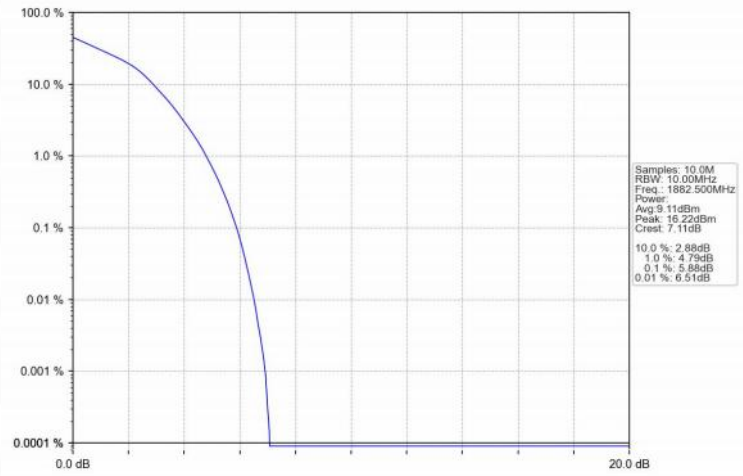
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

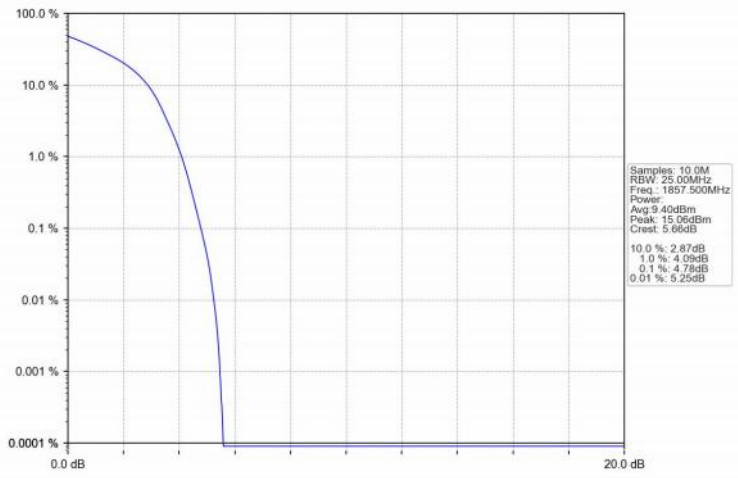


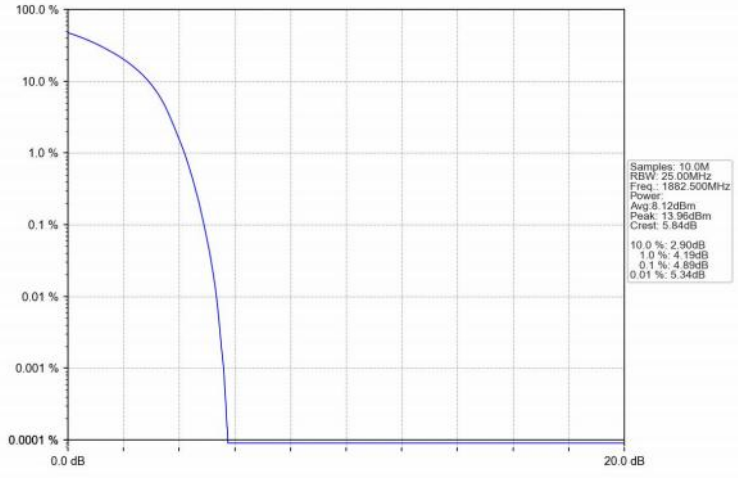
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

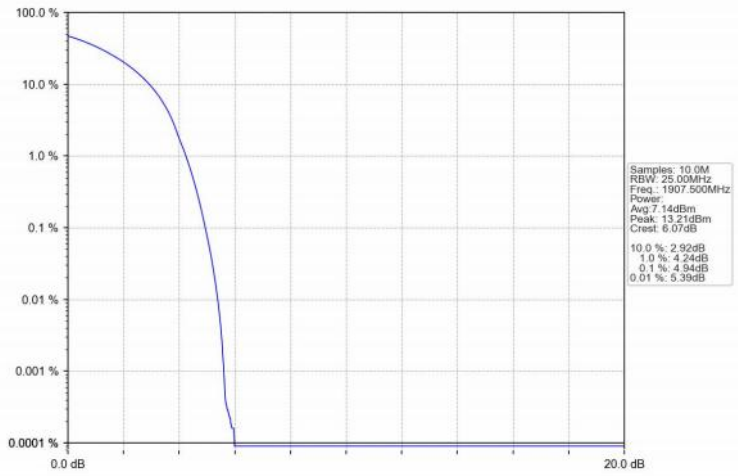


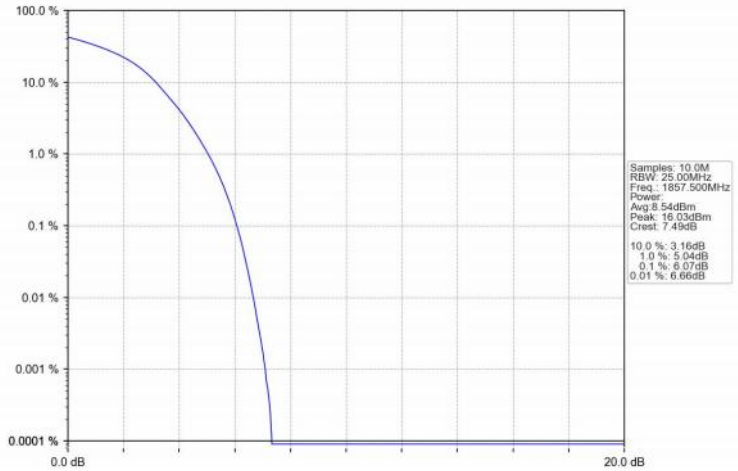
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

5.2.5 B25_15MHz

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


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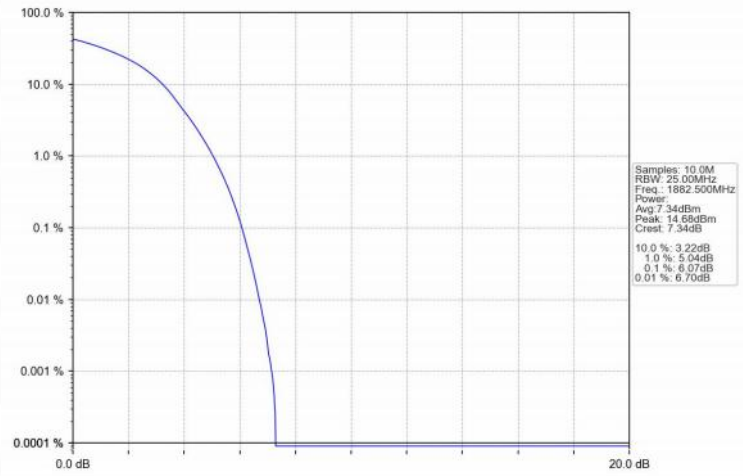
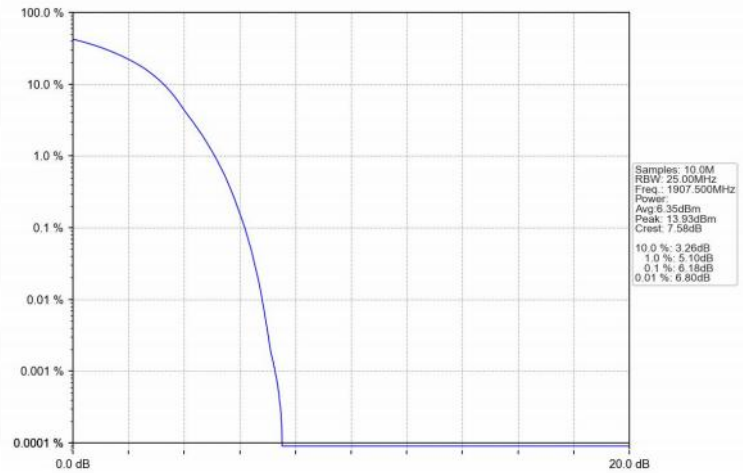
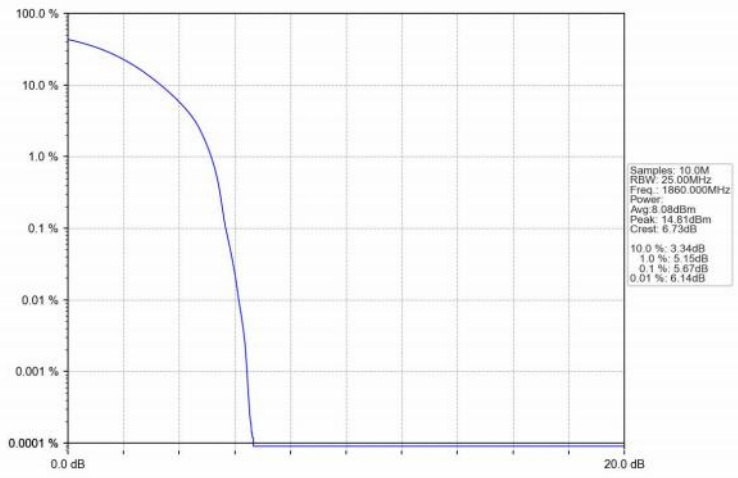
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

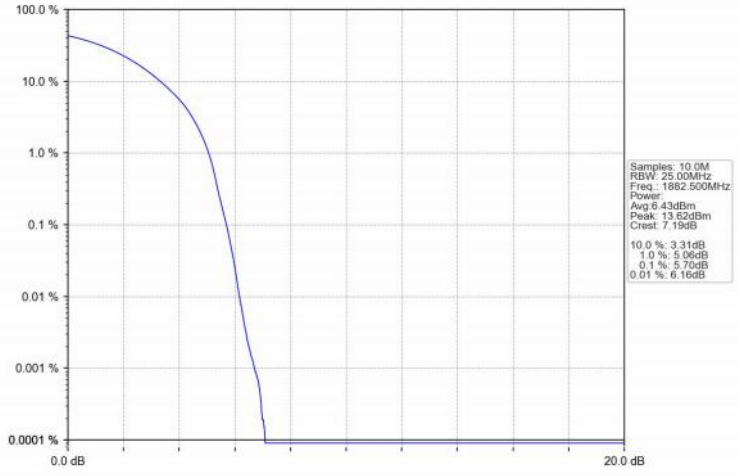


Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

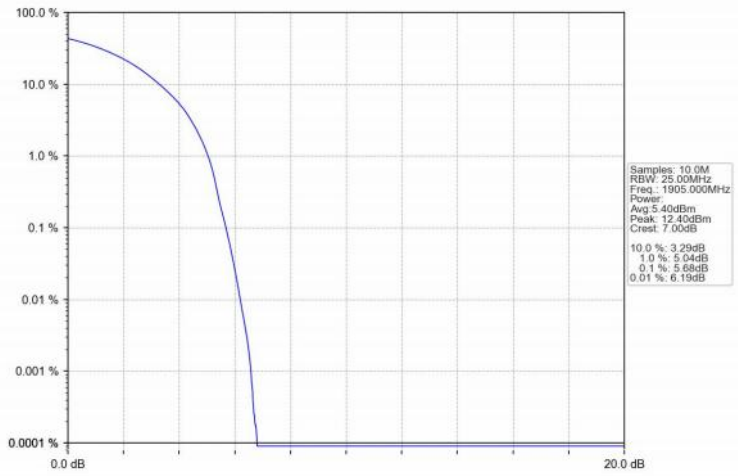


5.2.6 B25_20MHz

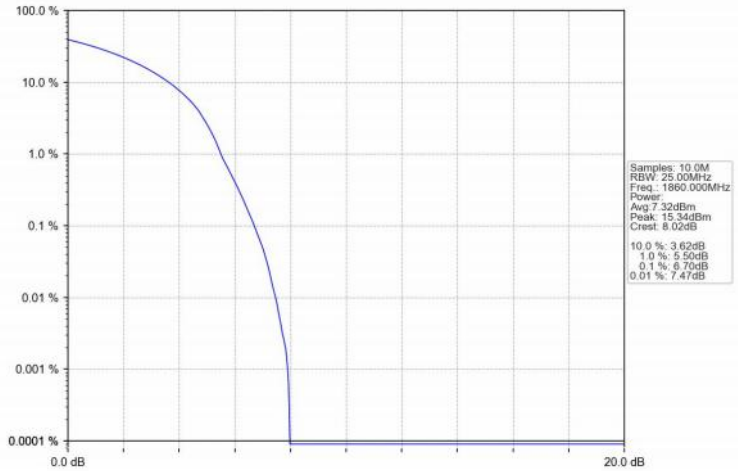
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV


Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV


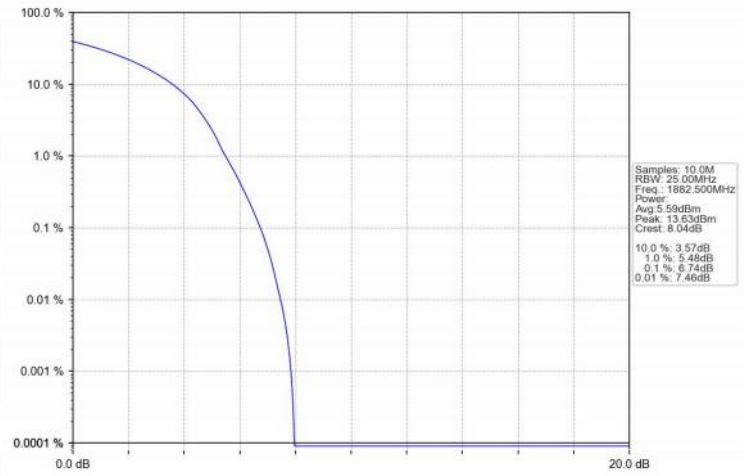
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



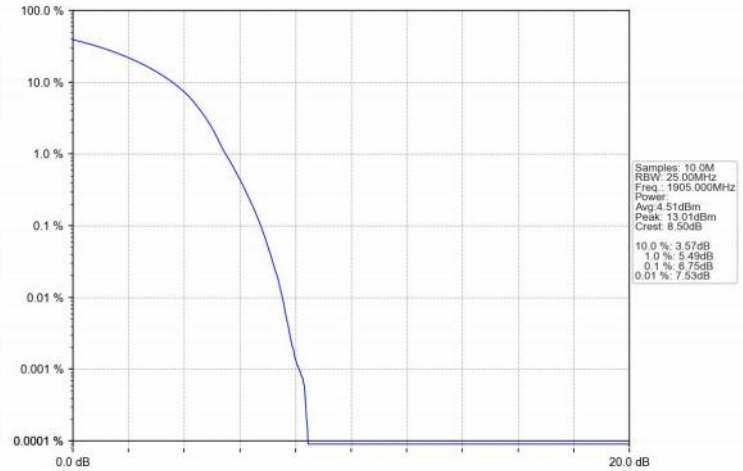
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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6.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

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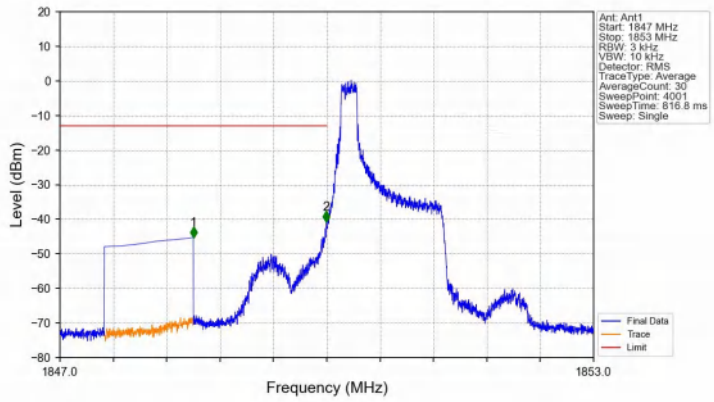
6.2 Test Graph

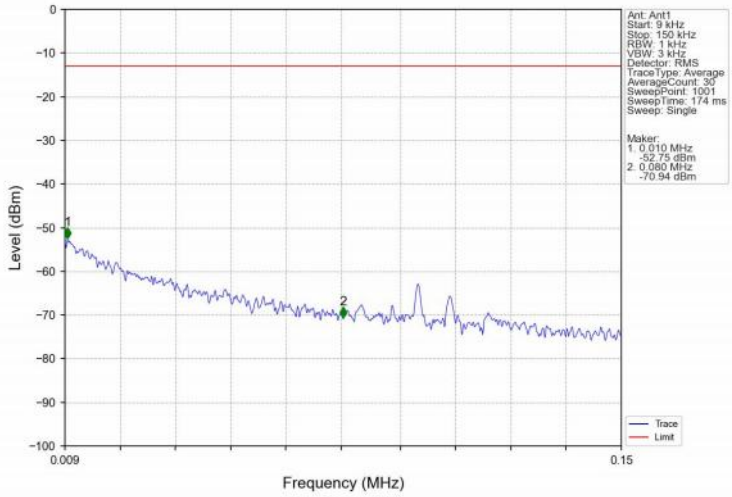
6.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

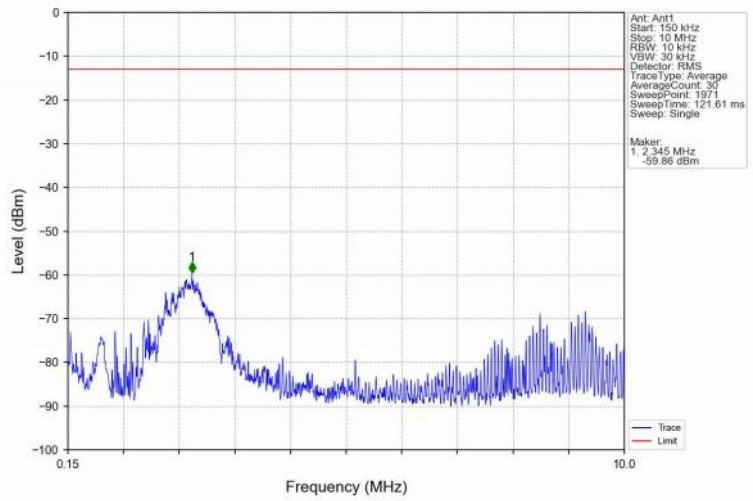


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-45.27	-13	Pass
1849	1850	0.003	/	2	1849.995	-40.75	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

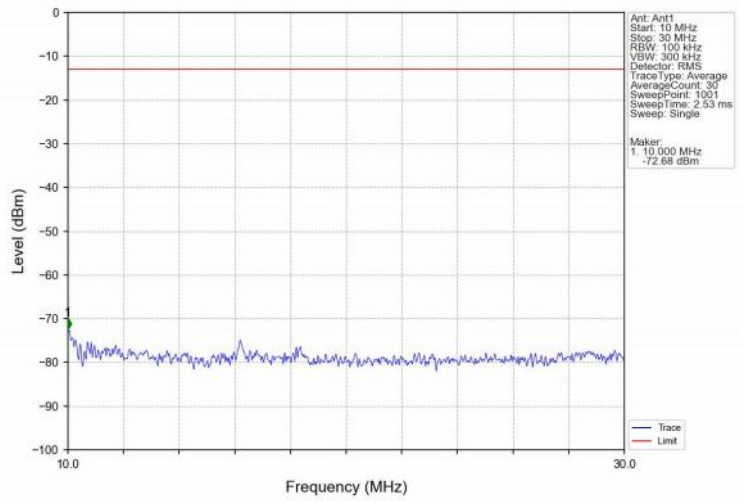
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



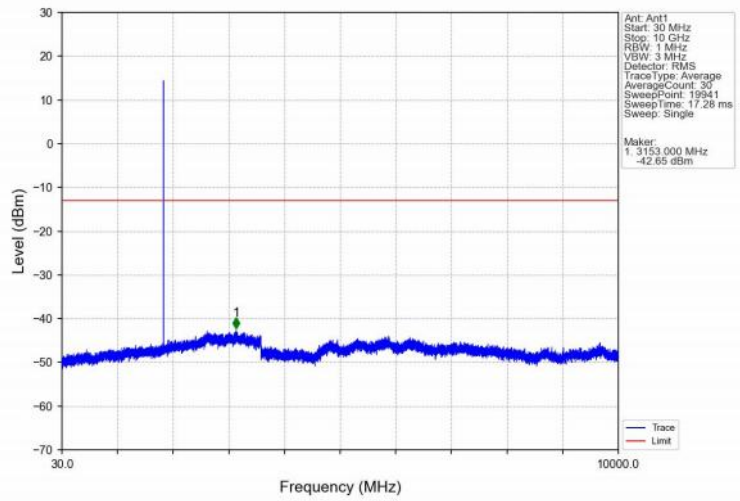
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



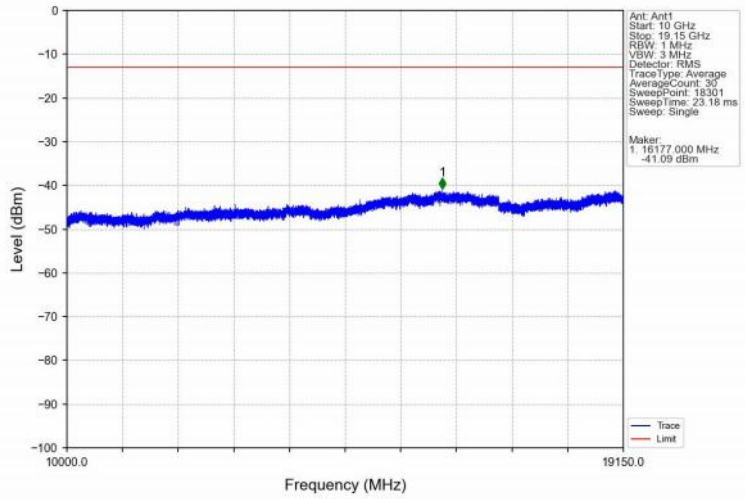
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



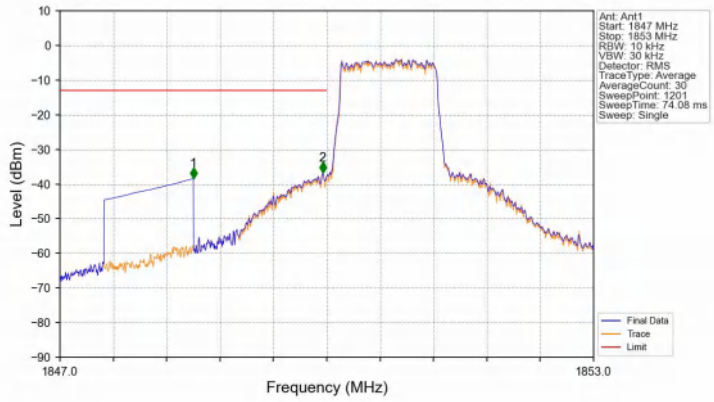
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

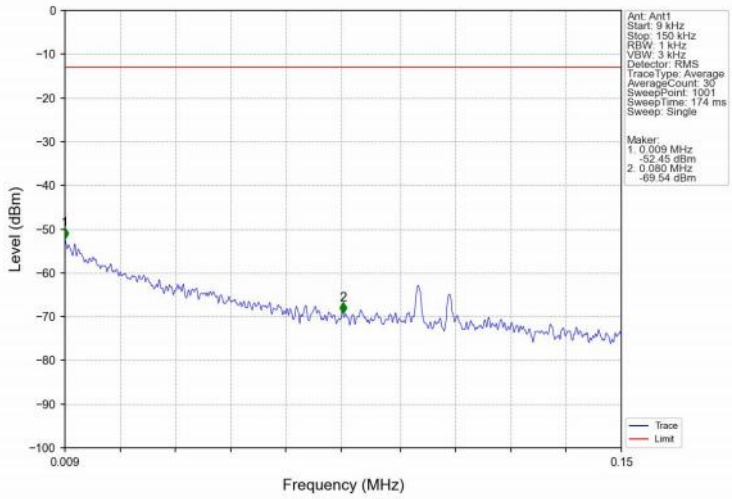


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

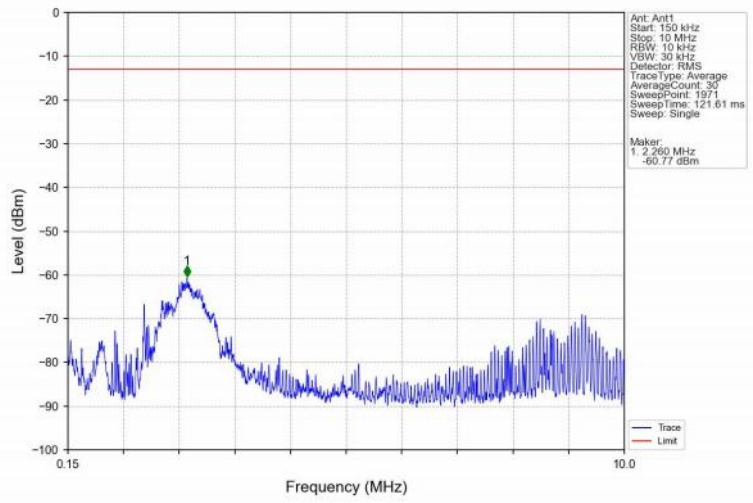


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-38.35	-13	Pass
1849	1850	0.013	CHP	2	1849.955	-36.82	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

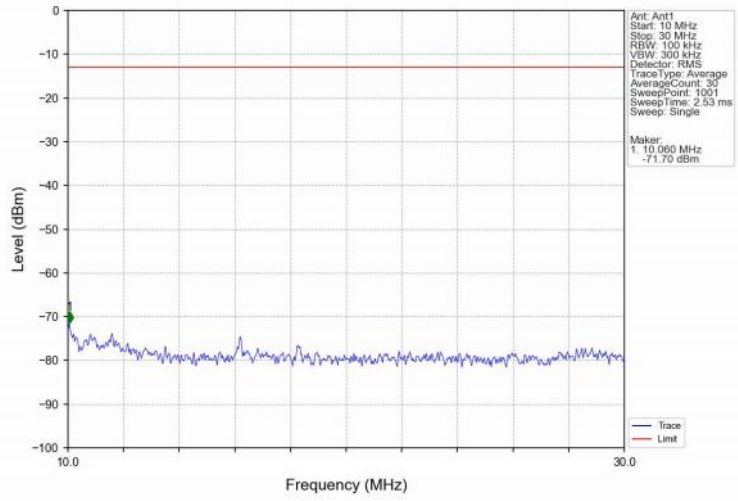
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



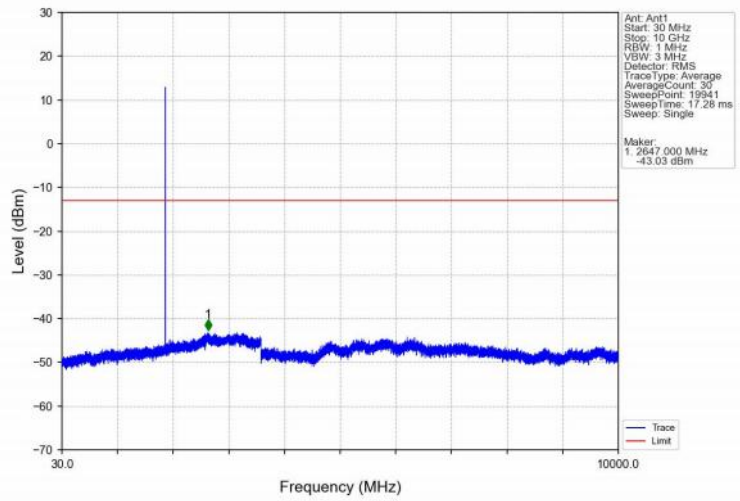
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



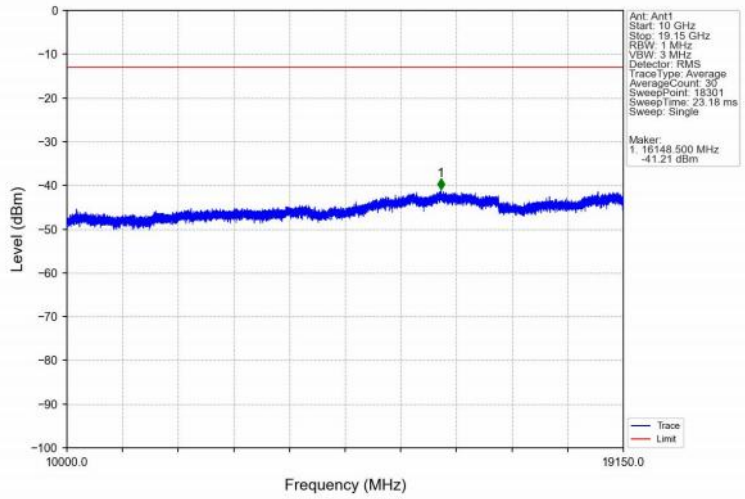
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



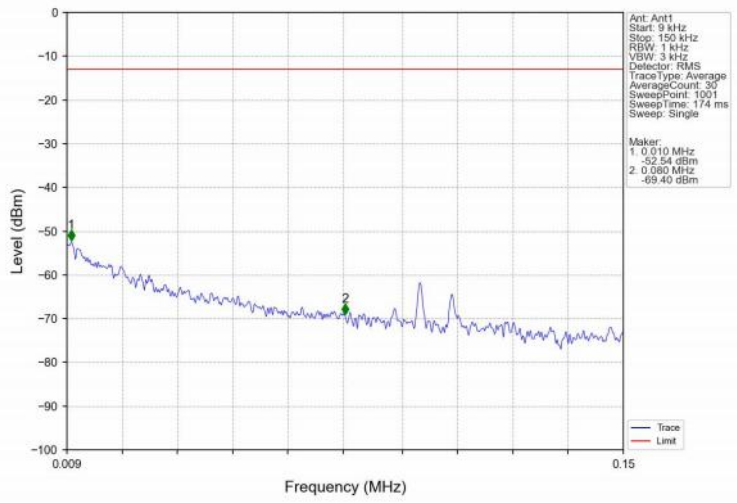
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



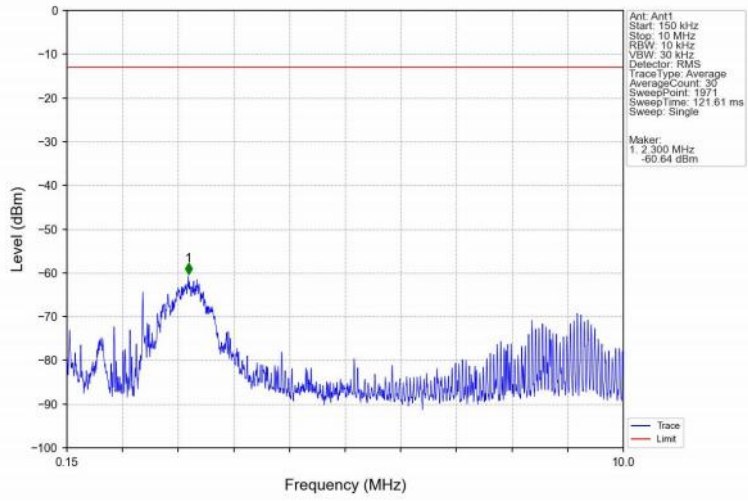
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



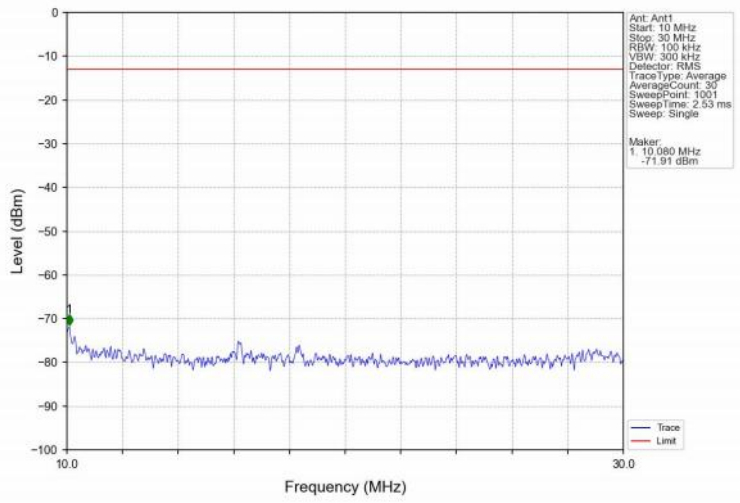
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



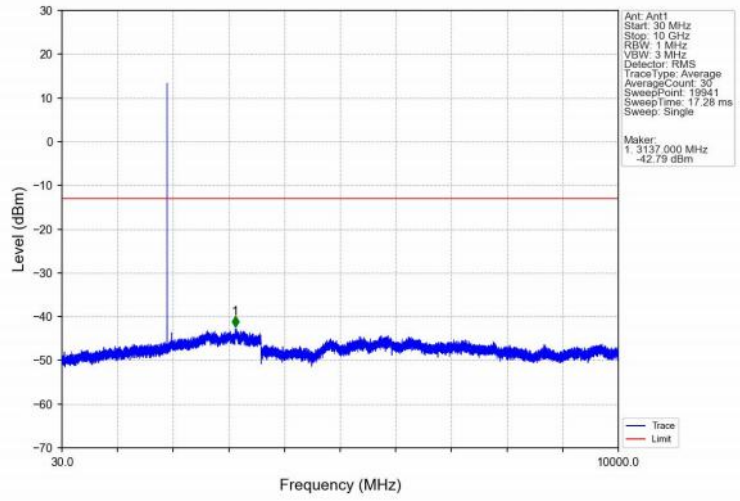
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



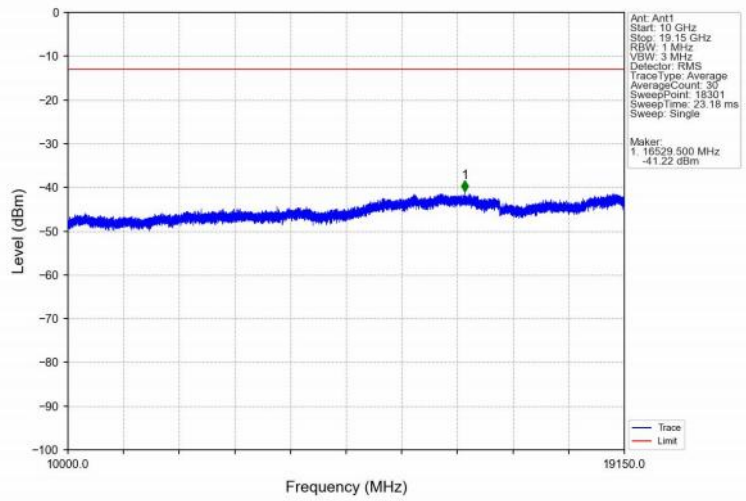
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



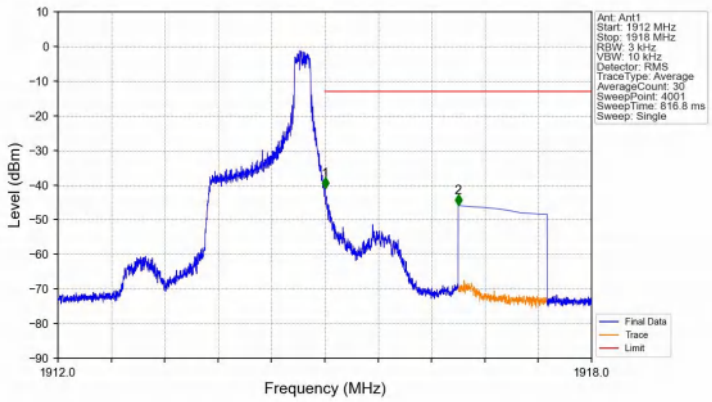
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

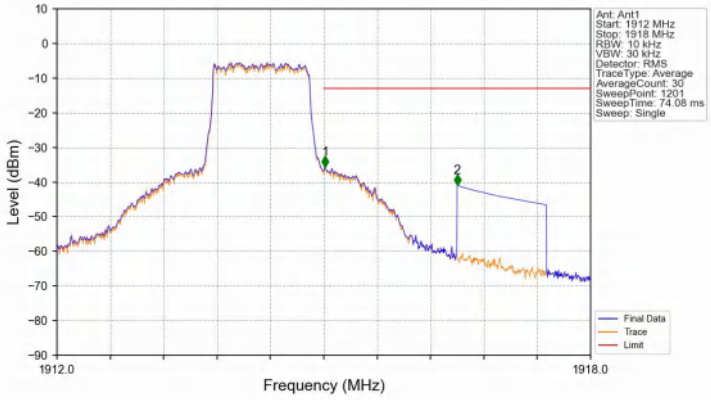


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



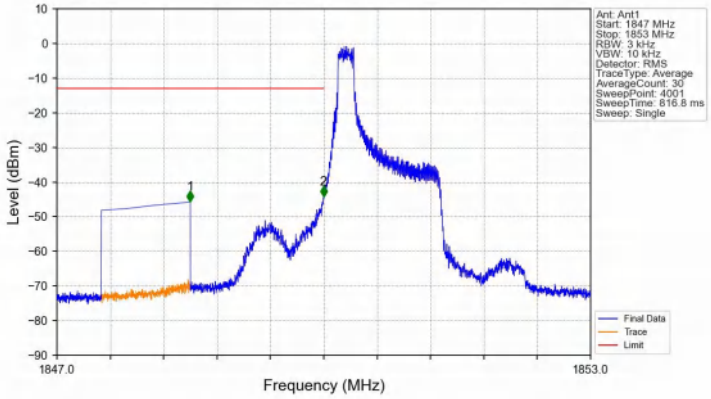
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-40.93	-13	Pass
1916	1918	1	CHP	2	1916.500	-45.89	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



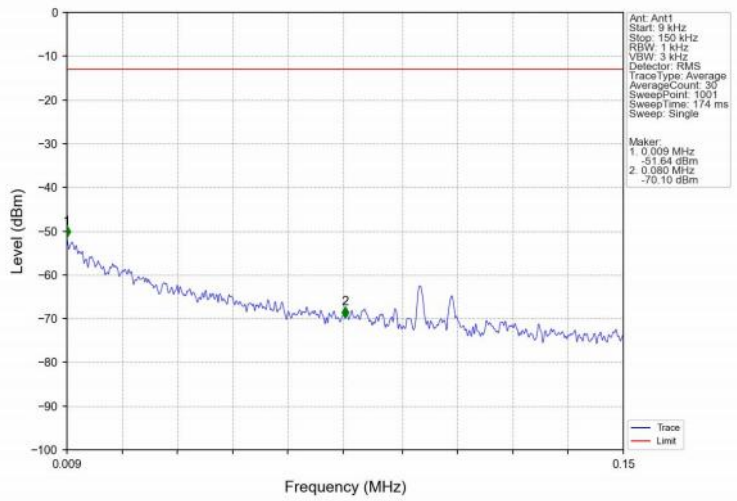
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.015	-35.75	-13	Pass
1916	1918	1	CHP	2	1916.500	-40.95	-13	Pass

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

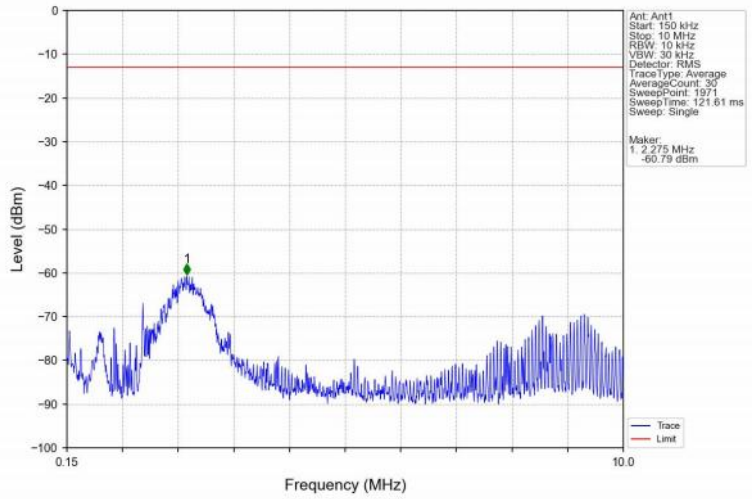


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-45.73	-13	Pass
1849	1850	0.003	/	2	1849.997	-44.15	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

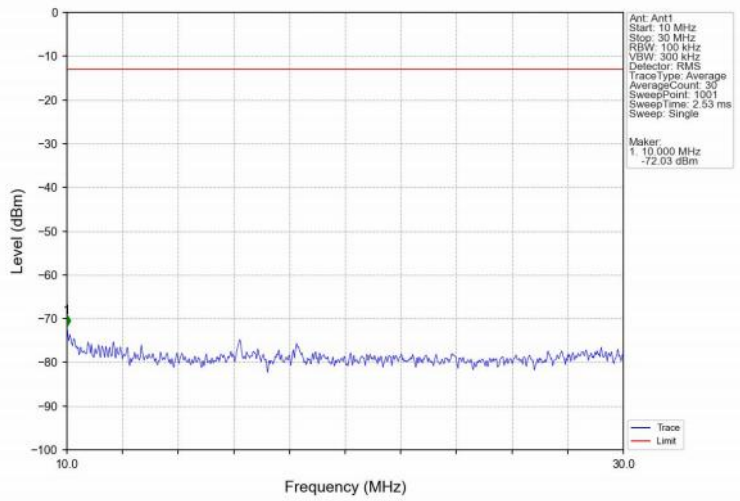
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



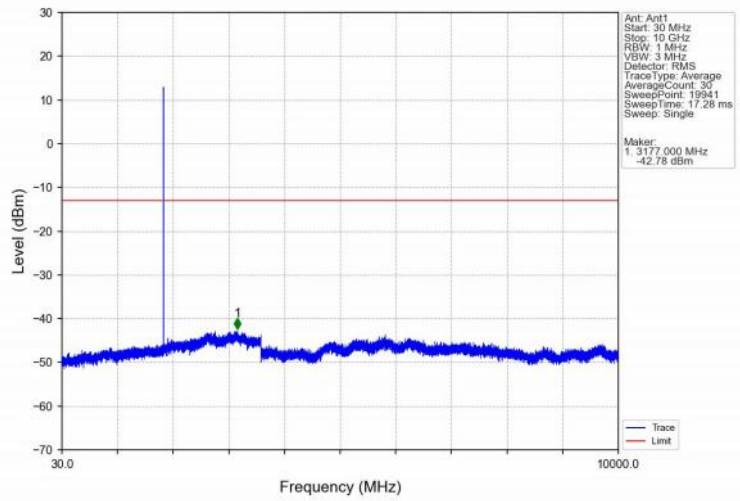
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



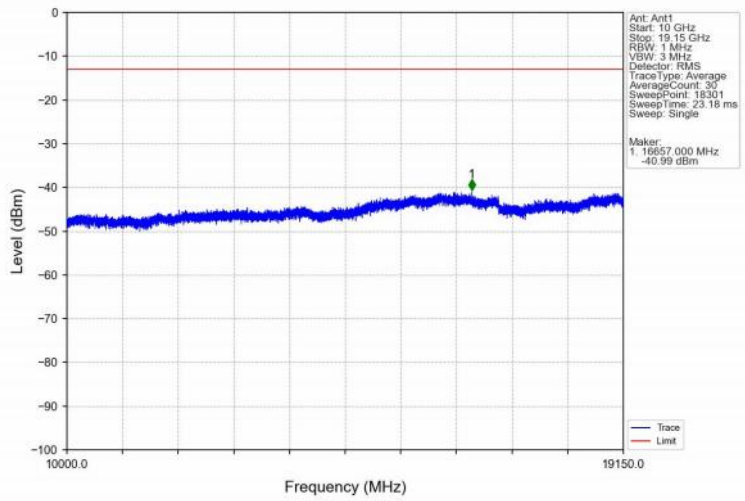
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



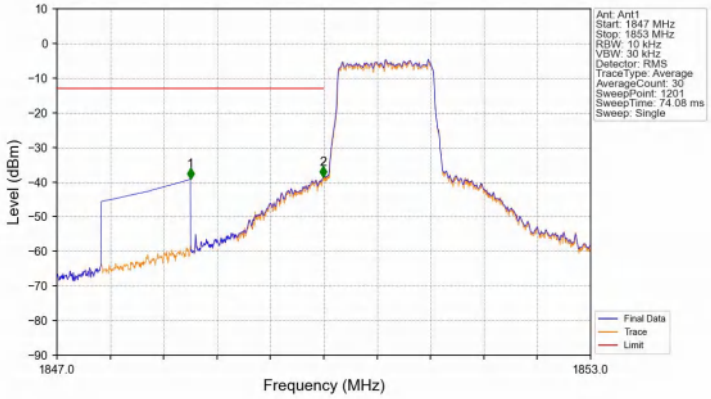
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

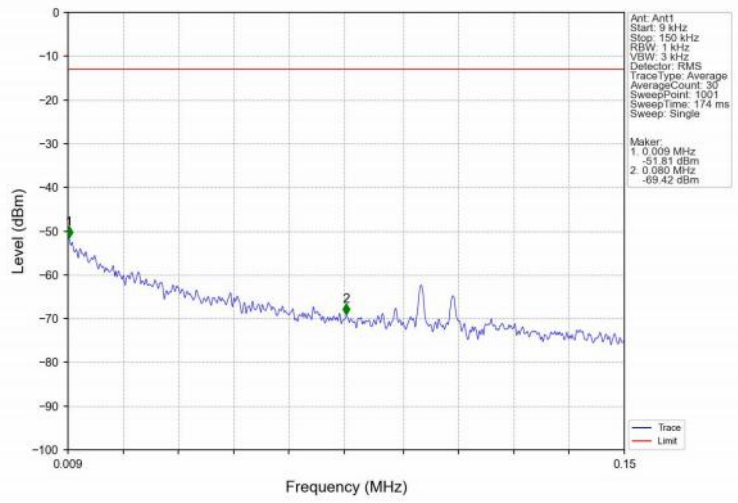


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

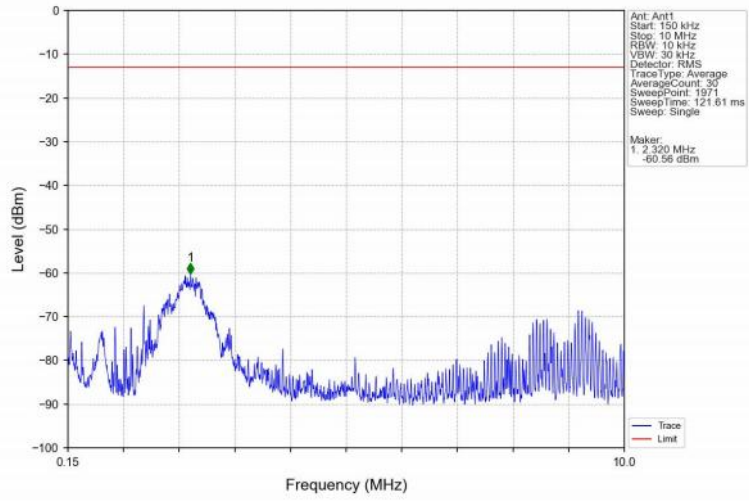


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-39.18	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-38.62	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

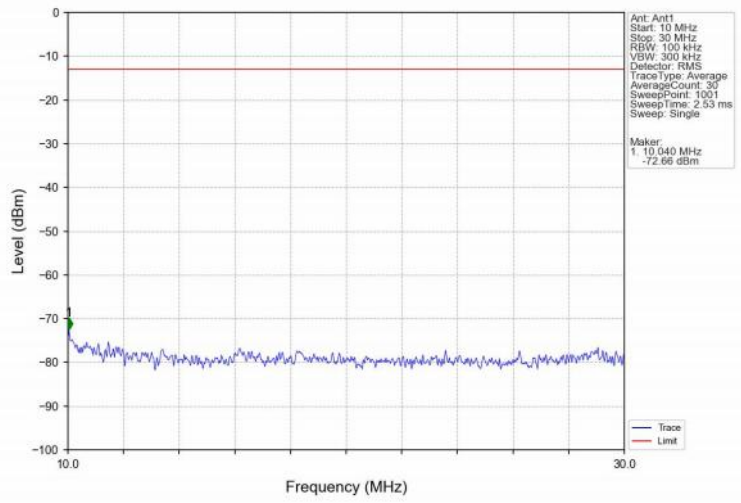
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



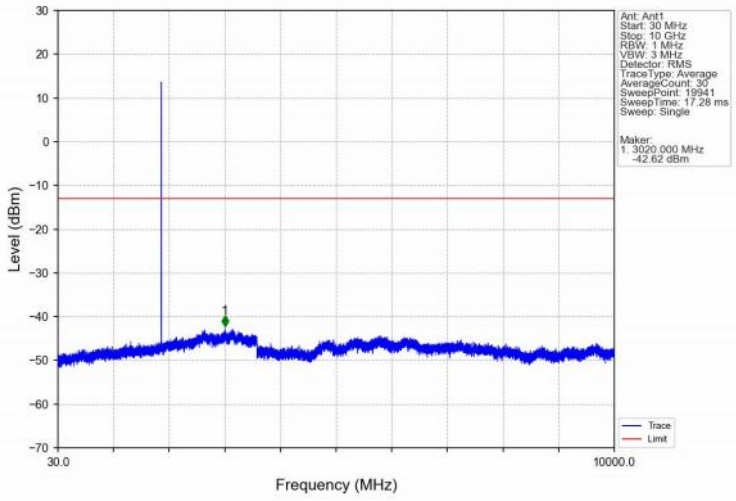
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



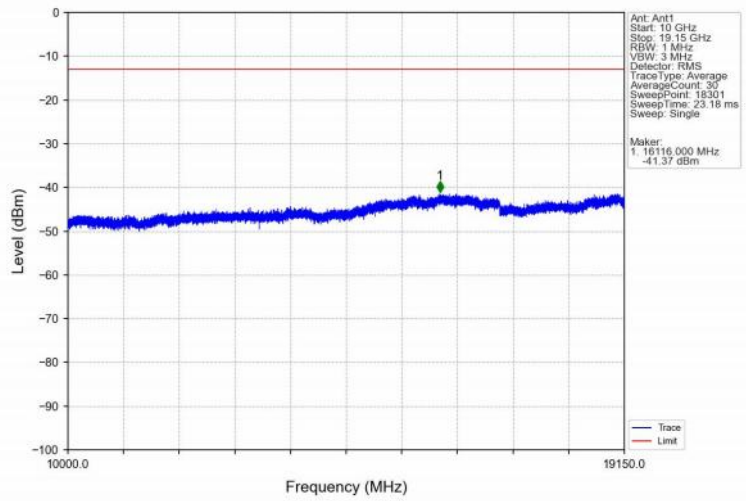
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



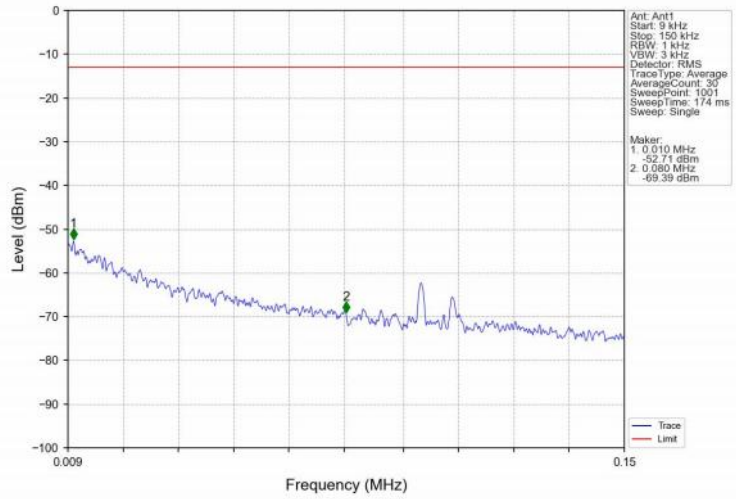
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



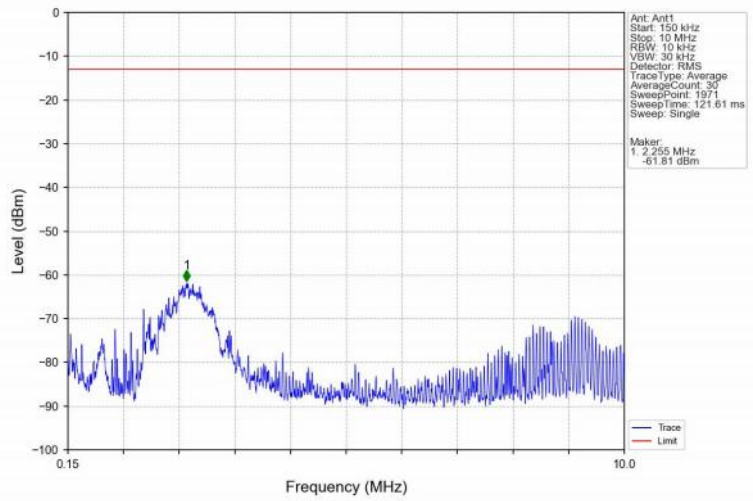
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



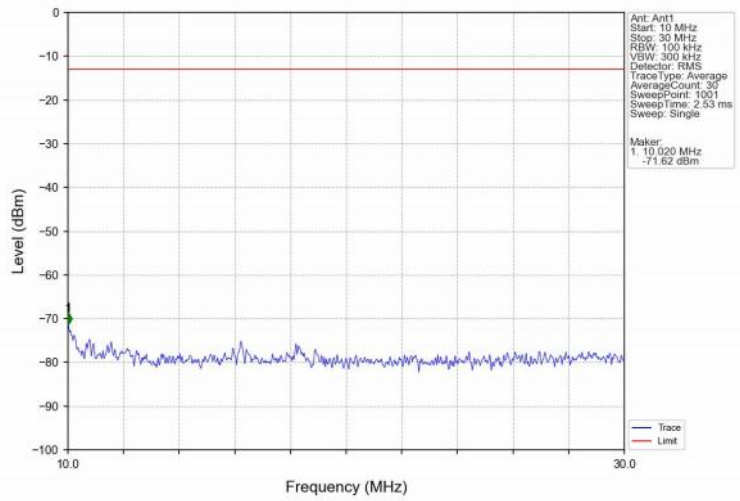
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



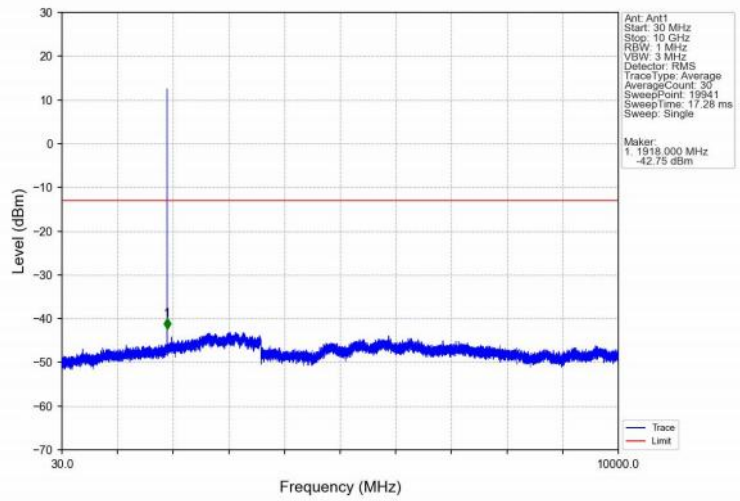
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



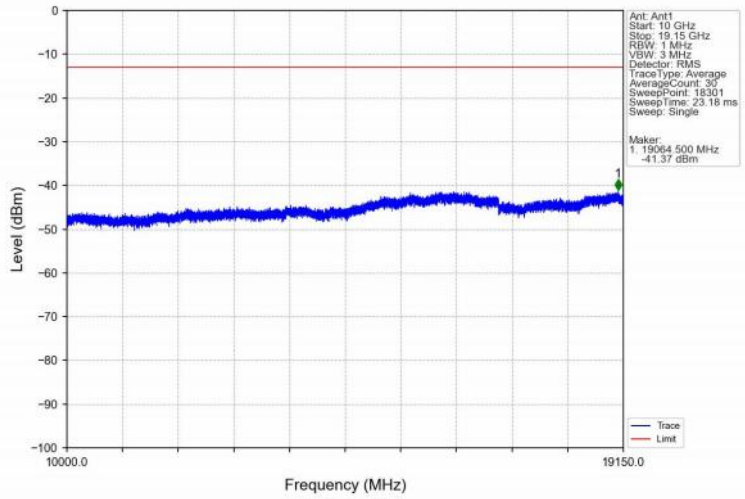
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



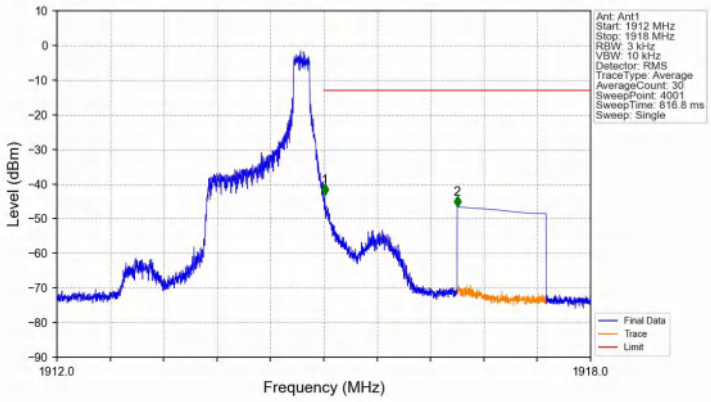
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV

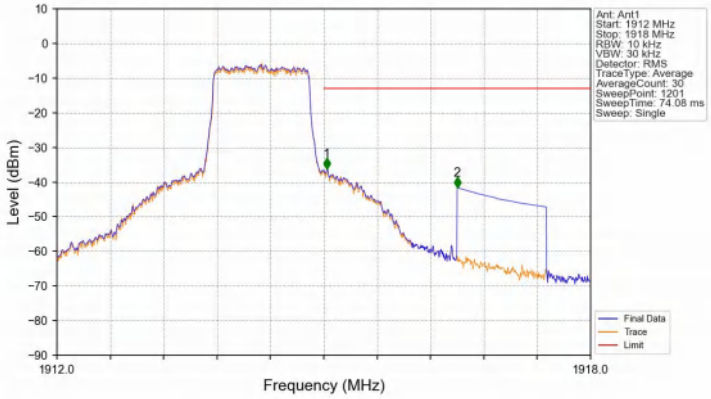


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.012	-43.15	-13	Pass
1916	1918	1	CHP	2	1916.500	-46.54	-13	Pass

Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.035	-36.28	-13	Pass
1916	1918	1	CHP	2	1916.500	-41.65	-13	Pass

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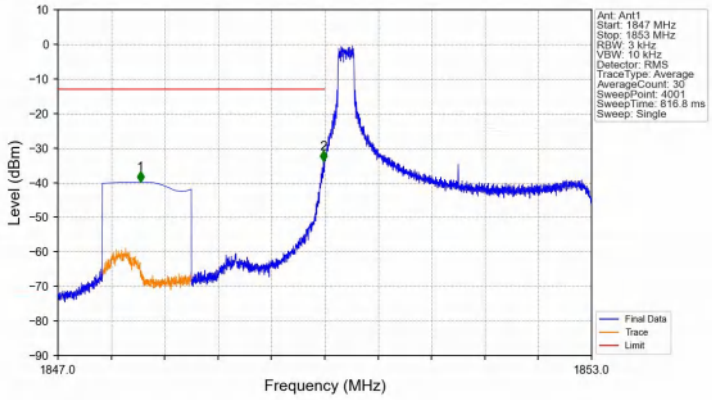
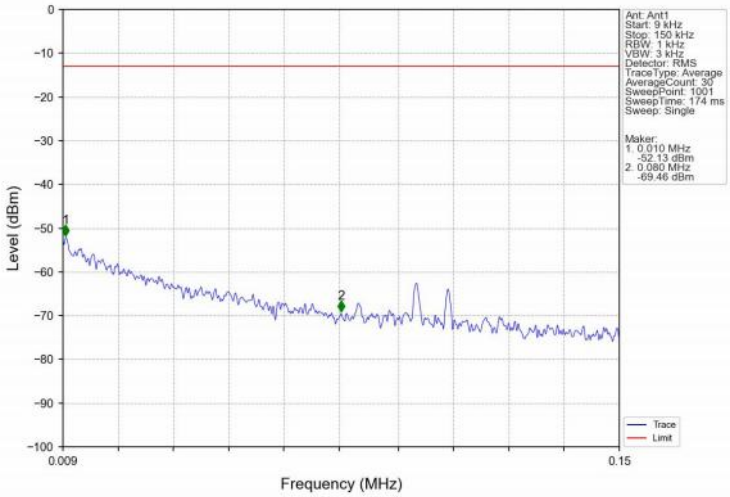
6.2.2 B25_3MHz

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.927	-39.84	-13	Pass
1849	1850	0.003	/	2	1849.986	-33.78	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV