

Appendix - 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	23.02	-3.02	20.00	<=33.01	Pass
			2	23.11	-3.02	20.09	<=33.01	Pass
			5	23.20	-3.02	20.18	<=33.01	Pass
		3	0	23.13	-3.02	20.11	<=33.01	Pass
			2	23.19	-3.02	20.17	<=33.01	Pass
			3	23.13	-3.02	20.11	<=33.01	Pass
		6	0	22.06	-3.02	19.04	<=33.01	Pass
	1882.5	1	0	23.15	-3.02	20.13	<=33.01	Pass
			2	23.13	-3.02	20.11	<=33.01	Pass
			5	23.15	-3.02	20.13	<=33.01	Pass
		3	0	23.12	-3.02	20.10	<=33.01	Pass
			2	23.12	-3.02	20.10	<=33.01	Pass
			3	23.10	-3.02	20.08	<=33.01	Pass
		6	0	22.21	-3.02	19.19	<=33.01	Pass
	1914.3	1	0	23.09	-3.02	20.07	<=33.01	Pass
			2	23.23	-3.02	20.21	<=33.01	Pass
			5	23.22	-3.02	20.20	<=33.01	Pass
		3	0	23.14	-3.02	20.12	<=33.01	Pass
			2	23.10	-3.02	20.08	<=33.01	Pass
			3	23.13	-3.02	20.11	<=33.01	Pass
		6	0	22.07	-3.02	19.05	<=33.01	Pass
16QAM	1850.7	1	0	21.61	-3.02	18.59	<=33.01	Pass
			2	21.68	-3.02	18.66	<=33.01	Pass
			5	21.66	-3.02	18.64	<=33.01	Pass
		3	0	21.99	-3.02	18.97	<=33.01	Pass
			2	22.00	-3.02	18.98	<=33.01	Pass
			3	21.99	-3.02	18.97	<=33.01	Pass
		6	0	21.19	-3.02	18.17	<=33.01	Pass
	1882.5	1	0	22.21	-3.02	19.19	<=33.01	Pass
			2	22.21	-3.02	19.19	<=33.01	Pass
			5	22.24	-3.02	19.22	<=33.01	Pass
		3	0	22.27	-3.02	19.25	<=33.01	Pass
			2	22.29	-3.02	19.27	<=33.01	Pass
			3	22.27	-3.02	19.25	<=33.01	Pass
		6	0	21.31	-3.02	18.29	<=33.01	Pass
	1914.3	1	0	22.25	-3.02	19.23	<=33.01	Pass
			2	22.31	-3.02	19.29	<=33.01	Pass
			5	22.28	-3.02	19.26	<=33.01	Pass
		3	0	22.00	-3.02	18.98	<=33.01	Pass
			2	21.99	-3.02	18.97	<=33.01	Pass
			3	22.00	-3.02	18.98	<=33.01	Pass
		6	0	21.17	-3.02	18.15	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	23.03	-3.02	20.01	<=33.01	Pass	
			7	23.08	-3.02	20.06	<=33.01	Pass	
			14	23.04	-3.02	20.02	<=33.01	Pass	
		8	0	21.99	-3.02	18.97	<=33.01	Pass	
			4	22.00	-3.02	18.98	<=33.01	Pass	
			7	22.14	-3.02	19.12	<=33.01	Pass	
		15	0	22.10	-3.02	19.08	<=33.01	Pass	
		1882.5	1	0	23.14	-3.02	20.12	<=33.01	Pass
				7	23.08	-3.02	20.06	<=33.01	Pass
	14			23.10	-3.02	20.08	<=33.01	Pass	
	8		0	22.05	-3.02	19.03	<=33.01	Pass	
			4	22.07	-3.02	19.05	<=33.01	Pass	
			7	22.07	-3.02	19.05	<=33.01	Pass	
	15		0	22.09	-3.02	19.07	<=33.01	Pass	
	1913.5		1	0	22.92	-3.02	19.90	<=33.01	Pass
				7	23.01	-3.02	19.99	<=33.01	Pass
		14		23.01	-3.02	19.99	<=33.01	Pass	
		8	0	22.04	-3.02	19.02	<=33.01	Pass	
			4	22.00	-3.02	18.98	<=33.01	Pass	
			7	22.05	-3.02	19.03	<=33.01	Pass	
		15	0	21.99	-3.02	18.97	<=33.01	Pass	
16QAM		1851.5	1	0	22.29	-3.02	19.27	<=33.01	Pass
				7	22.24	-3.02	19.22	<=33.01	Pass
	14			22.29	-3.02	19.27	<=33.01	Pass	
	8		0	21.34	-3.02	18.32	<=33.01	Pass	
			4	21.41	-3.02	18.39	<=33.01	Pass	
			7	21.37	-3.02	18.35	<=33.01	Pass	
	15		0	21.26	-3.02	18.24	<=33.01	Pass	
	1882.5		1	0	21.90	-3.02	18.88	<=33.01	Pass
				7	21.87	-3.02	18.85	<=33.01	Pass
		14		21.92	-3.02	18.90	<=33.01	Pass	
		8	0	21.31	-3.02	18.29	<=33.01	Pass	
			4	21.36	-3.02	18.34	<=33.01	Pass	
			7	21.31	-3.02	18.29	<=33.01	Pass	
		15	0	21.20	-3.02	18.18	<=33.01	Pass	
		1913.5	1	0	22.96	-3.02	19.94	<=33.01	Pass
				7	22.83	-3.02	19.81	<=33.01	Pass
	14			22.90	-3.02	19.88	<=33.01	Pass	
	8		0	21.22	-3.02	18.20	<=33.01	Pass	
			4	21.25	-3.02	18.23	<=33.01	Pass	
			7	21.31	-3.02	18.29	<=33.01	Pass	
	15		0	21.14	-3.02	18.12	<=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	23.02	-3.02	20.00	<=33.01	Pass
			13	23.09	-3.02	20.07	<=33.01	Pass
			24	23.09	-3.02	20.07	<=33.01	Pass
		12	0	22.05	-3.02	19.03	<=33.01	Pass
			6	22.20	-3.02	19.18	<=33.01	Pass
			13	22.14	-3.02	19.12	<=33.01	Pass

16QAM	1882.5	1	25	0	22.12	-3.02	19.10	<=33.01	Pass
			1	0	23.21	-3.02	20.19	<=33.01	Pass
				13	23.19	-3.02	20.17	<=33.01	Pass
		12	25	24	23.24	-3.02	20.22	<=33.01	Pass
				0	22.20	-3.02	19.18	<=33.01	Pass
				6	22.11	-3.02	19.09	<=33.01	Pass
				13	22.23	-3.02	19.21	<=33.01	Pass
		1	25	0	22.16	-3.02	19.14	<=33.01	Pass
				0	22.97	-3.02	19.95	<=33.01	Pass
				13	23.01	-3.02	19.99	<=33.01	Pass
	1912.5	1	25	24	23.04	-3.02	20.02	<=33.01	Pass
				0	22.11	-3.02	19.09	<=33.01	Pass
				6	22.14	-3.02	19.12	<=33.01	Pass
		12	25	13	22.18	-3.02	19.16	<=33.01	Pass
				0	22.02	-3.02	19.00	<=33.01	Pass
				0	22.12	-3.02	19.10	<=33.01	Pass
		1	25	13	22.17	-3.02	19.15	<=33.01	Pass
				24	22.16	-3.02	19.14	<=33.01	Pass
				0	21.23	-3.02	18.21	<=33.01	Pass
16QAM	1852.5	1	25	6	21.23	-3.02	18.21	<=33.01	Pass
				13	21.29	-3.02	18.27	<=33.01	Pass
				0	21.29	-3.02	18.27	<=33.01	Pass
		12	25	0	22.28	-3.02	19.26	<=33.01	Pass
				13	22.33	-3.02	19.31	<=33.01	Pass
				24	22.31	-3.02	19.29	<=33.01	Pass
	1882.5	1	25	0	21.20	-3.02	18.18	<=33.01	Pass
				6	21.26	-3.02	18.24	<=33.01	Pass
				13	21.28	-3.02	18.26	<=33.01	Pass
		12	25	0	21.18	-3.02	18.16	<=33.01	Pass
				0	21.38	-3.02	18.36	<=33.01	Pass
				13	21.42	-3.02	18.40	<=33.01	Pass
		1	25	24	21.41	-3.02	18.39	<=33.01	Pass
				0	21.21	-3.02	18.19	<=33.01	Pass
				6	21.20	-3.02	18.18	<=33.01	Pass
	1912.5	1	25	13	21.14	-3.02	18.12	<=33.01	Pass
				0	21.19	-3.02	18.17	<=33.01	Pass
				0	22.12	-3.02	19.10	<=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	23.14	-3.02	20.12	<=33.01	Pass
			25	23.20	-3.02	20.18	<=33.01	Pass
			49	23.24	-3.02	20.22	<=33.01	Pass
		25	0	22.16	-3.02	19.14	<=33.01	Pass
			13	22.27	-3.02	19.25	<=33.01	Pass
			25	22.23	-3.02	19.21	<=33.01	Pass
		50	0	22.21	-3.02	19.19	<=33.01	Pass
			0	22.96	-3.02	19.94	<=33.01	Pass
			25	23.01	-3.02	19.99	<=33.01	Pass
	1882.5	1	49	23.06	-3.02	20.04	<=33.01	Pass
			0	22.16	-3.02	19.14	<=33.01	Pass
			13	22.12	-3.02	19.10	<=33.01	Pass
		25	25	22.15	-3.02	19.13	<=33.01	Pass
			0	22.12	-3.02	19.10	<=33.01	Pass
			0	23.06	-3.02	20.04	<=33.01	Pass
		50	0	22.12	-3.02	19.10	<=33.01	Pass
			0	23.06	-3.02	20.04	<=33.01	Pass
			0	23.06	-3.02	20.04	<=33.01	Pass

16QAM		25	25	23.05	-3.02	20.03	<=33.01	Pass
			49	23.02	-3.02	20.00	<=33.01	Pass
			0	22.00	-3.02	18.98	<=33.01	Pass
			13	22.05	-3.02	19.03	<=33.01	Pass
			25	22.13	-3.02	19.11	<=33.01	Pass
	1855	1	0	21.92	-3.02	18.90	<=33.01	Pass
			25	21.96	-3.02	18.94	<=33.01	Pass
			49	22.04	-3.02	19.02	<=33.01	Pass
		25	0	21.42	-3.02	18.40	<=33.01	Pass
			13	21.43	-3.02	18.41	<=33.01	Pass
			25	21.38	-3.02	18.36	<=33.01	Pass
	1882.5	1	0	21.33	-3.02	18.31	<=33.01	Pass
			0	22.47	-3.02	19.45	<=33.01	Pass
			25	22.57	-3.02	19.55	<=33.01	Pass
		25	49	22.54	-3.02	19.52	<=33.01	Pass
			0	21.18	-3.02	18.16	<=33.01	Pass
			13	21.29	-3.02	18.27	<=33.01	Pass
			25	21.27	-3.02	18.25	<=33.01	Pass
		50	0	21.32	-3.02	18.30	<=33.01	Pass
			0	22.27	-3.02	19.25	<=33.01	Pass
			25	22.22	-3.02	19.20	<=33.01	Pass
	1910	1	49	22.27	-3.02	19.25	<=33.01	Pass
			0	21.16	-3.02	18.14	<=33.01	Pass
			13	21.20	-3.02	18.18	<=33.01	Pass
		25	25	21.19	-3.02	18.17	<=33.01	Pass
			0	21.15	-3.02	18.13	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.00	-3.02	19.98	<=33.01	Pass
			38	23.00	-3.02	19.98	<=33.01	Pass
			74	23.09	-3.02	20.07	<=33.01	Pass
		36	0	22.13	-3.02	19.11	<=33.01	Pass
			18	22.14	-3.02	19.12	<=33.01	Pass
			39	22.18	-3.02	19.16	<=33.01	Pass
	1882.5	75	0	22.04	-3.02	19.02	<=33.01	Pass
			0	22.93	-3.02	19.91	<=33.01	Pass
			38	22.92	-3.02	19.90	<=33.01	Pass
		1	74	23.00	-3.02	19.98	<=33.01	Pass
			0	22.21	-3.02	19.19	<=33.01	Pass
			18	22.06	-3.02	19.04	<=33.01	Pass
		36	39	22.14	-3.02	19.12	<=33.01	Pass
			0	22.04	-3.02	19.02	<=33.01	Pass
			0	23.00	-3.02	19.98	<=33.01	Pass
	1907.5	1	38	22.96	-3.02	19.94	<=33.01	Pass
			74	23.07	-3.02	20.05	<=33.01	Pass
			0	22.04	-3.02	19.02	<=33.01	Pass
		36	18	22.08	-3.02	19.06	<=33.01	Pass
			39	22.05	-3.02	19.03	<=33.01	Pass
			0	22.07	-3.02	19.05	<=33.01	Pass
16QAM	1857.5	1	0	22.45	-3.02	19.43	<=33.01	Pass
			38	22.49	-3.02	19.47	<=33.01	Pass
			74	22.50	-3.02	19.48	<=33.01	Pass

		36	0	21.16	-3.02	18.14	<=33.01	Pass
			18	21.33	-3.02	18.31	<=33.01	Pass
			39	21.24	-3.02	18.22	<=33.01	Pass
	1882.5	75	0	21.19	-3.02	18.17	<=33.01	Pass
			0	23.12	-3.02	20.10	<=33.01	Pass
			38	23.10	-3.02	20.08	<=33.01	Pass
		36	74	23.10	-3.02	20.08	<=33.01	Pass
			0	21.14	-3.02	18.12	<=33.01	Pass
			18	21.22	-3.02	18.20	<=33.01	Pass
			39	21.16	-3.02	18.14	<=33.01	Pass
		75	0	21.29	-3.02	18.27	<=33.01	Pass
			0	22.27	-3.02	19.25	<=33.01	Pass
			38	22.27	-3.02	19.25	<=33.01	Pass
	1907.5	1	74	22.26	-3.02	19.24	<=33.01	Pass
			0	21.22	-3.02	18.20	<=33.01	Pass
			18	21.19	-3.02	18.17	<=33.01	Pass
		36	39	21.32	-3.02	18.30	<=33.01	Pass
			0	21.19	-3.02	18.17	<=33.01	Pass
			75	21.19	-3.02	18.17	<=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	23.16	-3.02	20.14	<=33.01	Pass		
			50	23.22	-3.02	20.20	<=33.01	Pass		
			99	23.22	-3.02	20.20	<=33.01	Pass		
		50	0	22.02	-3.02	19.00	<=33.01	Pass		
			25	22.15	-3.02	19.13	<=33.01	Pass		
			50	22.17	-3.02	19.15	<=33.01	Pass		
		100	0	22.16	-3.02	19.14	<=33.01	Pass		
		1882.5	1	0	23.10	-3.02	20.08	<=33.01	Pass	
				50	23.08	-3.02	20.06	<=33.01	Pass	
	99			23.09	-3.02	20.07	<=33.01	Pass		
	50		0	22.11	-3.02	19.09	<=33.01	Pass		
			25	22.15	-3.02	19.13	<=33.01	Pass		
			50	22.21	-3.02	19.19	<=33.01	Pass		
	100		0	22.09	-3.02	19.07	<=33.01	Pass		
	1905		1	0	23.20	-3.02	20.18	<=33.01	Pass	
				50	23.16	-3.02	20.14	<=33.01	Pass	
		99		23.19	-3.02	20.17	<=33.01	Pass		
		50	0	22.09	-3.02	19.07	<=33.01	Pass		
			25	22.10	-3.02	19.08	<=33.01	Pass		
			50	22.12	-3.02	19.10	<=33.01	Pass		
		100	0	22.02	-3.02	19.00	<=33.01	Pass		
		16QAM	1860	1	0	22.83	-3.02	19.81	<=33.01	Pass
					50	22.91	-3.02	19.89	<=33.01	Pass
	99				22.86	-3.02	19.84	<=33.01	Pass	
	50			0	21.19	-3.02	18.17	<=33.01	Pass	
				25	21.21	-3.02	18.19	<=33.01	Pass	
				50	21.15	-3.02	18.13	<=33.01	Pass	
	100			0	21.27	-3.02	18.25	<=33.01	Pass	
	1882.5		1	0	22.24	-3.02	19.22	<=33.01	Pass	
				50	22.15	-3.02	19.13	<=33.01	Pass	
				99	22.20	-3.02	19.18	<=33.01	Pass	
			50	0	21.20	-3.02	18.18	<=33.01	Pass	
				25	21.31	-3.02	18.29	<=33.01	Pass	

		100	50	21.25	-3.02	18.23	<=33.01	Pass
			0	21.18	-3.02	18.16	<=33.01	Pass
	1905	1	0	22.21	-3.02	19.19	<=33.01	Pass
			50	22.20	-3.02	19.18	<=33.01	Pass
			99	22.18	-3.02	19.16	<=33.01	Pass
		50	0	21.30	-3.02	18.28	<=33.01	Pass
			25	21.23	-3.02	18.21	<=33.01	Pass
			50	21.20	-3.02	18.18	<=33.01	Pass
		100	0	21.11	-3.02	18.09	<=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	-18.425	-0.0100	-2.5 to 2.5	Pass
					3.85	-24.920	-0.0135	-2.5 to 2.5	Pass
					4.43	-7.482	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				-20	3.85	17.109	0.0092	-2.5 to 2.5	Pass
				-10	3.85	25.992	0.0140	-2.5 to 2.5	Pass
				0	3.85	30.584	0.0165	-2.5 to 2.5	Pass
				10	3.85	35.920	0.0194	-2.5 to 2.5	Pass
				30	3.85	40.727	0.0220	-2.5 to 2.5	Pass
				40	3.85	44.532	0.0241	-2.5 to 2.5	Pass
				50	3.85	11.115	0.0060	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-1.502	-0.0008	-2.5 to 2.5	Pass
					3.85	-10.486	-0.0056	-2.5 to 2.5	Pass
					4.43	-10.529	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-6.423	-0.0034	-2.5 to 2.5	Pass
					3.85	-11.415	-0.0060	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	7.038	0.0037	-2.5 to 2.5	Pass
				-20	3.85	13.433	0.0070	-2.5 to 2.5	Pass
				-10	3.85	19.298	0.0101	-2.5 to 2.5	Pass
				0	3.85	21.529	0.0112	-2.5 to 2.5	Pass
				10	3.85	23.017	0.0120	-2.5 to 2.5	Pass
				30	3.85	26.422	0.0138	-2.5 to 2.5	Pass
				40	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.419	0.0018	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	15.006	0.0081	-2.5 to 2.5	Pass
					3.85	15.993	0.0086	-2.5 to 2.5	Pass
					4.43	15.736	0.0085	-2.5 to 2.5	Pass
				-30	3.85	13.247	0.0072	-2.5 to 2.5	Pass

				-20	3.85	11.816	0.0064	-2.5 to 2.5	Pass
				-10	3.85	12.074	0.0065	-2.5 to 2.5	Pass
				0	3.85	10.471	0.0057	-2.5 to 2.5	Pass
				10	3.85	8.254	0.0045	-2.5 to 2.5	Pass
				30	3.85	8.655	0.0047	-2.5 to 2.5	Pass
				40	3.85	8.769	0.0047	-2.5 to 2.5	Pass
				50	3.85	8.869	0.0048	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	1.001	0.0005	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-10.185	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-11.373	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-13.604	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-13.590	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-15.407	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-16.823	-0.0089	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-0.415	-0.0002	-2.5 to 2.5	Pass
					3.85	9.627	0.0050	-2.5 to 2.5	Pass
					4.43	10.514	0.0055	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				0	3.85	9.699	0.0051	-2.5 to 2.5	Pass
				10	3.85	5.836	0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.802	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.874	-0.0010	-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	-3.347	-0.0018	-2.5 to 2.5	Pass
					3.85	2.961	0.0016	-2.5 to 2.5	Pass
					4.43	0.172	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	11.144	0.0060	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				40	3.85	10.171	0.0055	-2.5 to 2.5	Pass
				50	3.85	10.700	0.0058	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	3.290	0.0017	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0005	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	5.150	0.0027	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	11.501	0.0060	-2.5 to 2.5	Pass

					3.85	18.640	0.0097	-2.5 to 2.5	Pass
					4.43	31.428	0.0164	-2.5 to 2.5	Pass
				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	19.484	0.0102	-2.5 to 2.5	Pass
				-10	3.85	39.139	0.0205	-2.5 to 2.5	Pass
				0	3.85	6.766	0.0035	-2.5 to 2.5	Pass
				10	3.85	22.902	0.0120	-2.5 to 2.5	Pass
				30	3.85	33.188	0.0173	-2.5 to 2.5	Pass
				40	3.85	44.303	0.0232	-2.5 to 2.5	Pass
50	3.85	52.657	0.0275	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	7.038	0.0038	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	1.688	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				1882.5	15	0	20	3.27	-2.189
	3.85	0.300	0.0002					-2.5 to 2.5	Pass
	4.43	-1.216	-0.0006					-2.5 to 2.5	Pass
	-30	3.85	-1.144				-0.0006	-2.5 to 2.5	Pass
	-20	3.85	-0.200				-0.0001	-2.5 to 2.5	Pass
	-10	3.85	0.114				0.0001	-2.5 to 2.5	Pass
	0	3.85	5.121				0.0027	-2.5 to 2.5	Pass
	10	3.85	-2.246				-0.0012	-2.5 to 2.5	Pass
	30	3.85	4.134				0.0022	-2.5 to 2.5	Pass
	40	3.85	-0.515				-0.0003	-2.5 to 2.5	Pass
	50	3.85	2.275				0.0012	-2.5 to 2.5	Pass
	1913.5	15	0				20	3.27	10.529
				3.85	15.564	0.0081		-2.5 to 2.5	Pass
				4.43	16.565	0.0087		-2.5 to 2.5	Pass
				-30	3.85	17.452	0.0091	-2.5 to 2.5	Pass
				-20	3.85	18.511	0.0097	-2.5 to 2.5	Pass
				-10	3.85	19.612	0.0102	-2.5 to 2.5	Pass
				0	3.85	21.214	0.0111	-2.5 to 2.5	Pass
				10	3.85	20.356	0.0106	-2.5 to 2.5	Pass
				30	3.85	21.114	0.0110	-2.5 to 2.5	Pass
				40	3.85	21.014	0.0110	-2.5 to 2.5	Pass
				50	3.85	20.900	0.0109	-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	-7.925	-0.0043	-2.5 to 2.5	Pass
					3.85	-12.345	-0.0067	-2.5 to 2.5	Pass
					4.43	6.351	0.0034	-2.5 to 2.5	Pass
				-30	3.85	25.034	0.0135	-2.5 to 2.5	Pass
				-20	3.85	40.426	0.0218	-2.5 to 2.5	Pass
				-10	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				0	3.85	9.599	0.0052	-2.5 to 2.5	Pass
				10	3.85	16.594	0.0090	-2.5 to 2.5	Pass
				30	3.85	21.257	0.0115	-2.5 to 2.5	Pass

	1882.5	25	0	40	3.85	23.832	0.0129	-2.5 to 2.5	Pass
				50	3.85	27.752	0.0150	-2.5 to 2.5	Pass
				20	3.27	-2.518	-0.0013	-2.5 to 2.5	Pass
					3.85	-10.114	-0.0054	-2.5 to 2.5	Pass
					4.43	-9.756	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-8.740	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.625	-0.0041	-2.5 to 2.5	Pass
	1912.5	25	0	30	3.85	-8.626	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
				20	3.27	11.230	0.0059	-2.5 to 2.5	Pass
					3.85	6.967	0.0036	-2.5 to 2.5	Pass
					4.43	10.185	0.0053	-2.5 to 2.5	Pass
				-30	3.85	14.863	0.0078	-2.5 to 2.5	Pass
				-20	3.85	18.153	0.0095	-2.5 to 2.5	Pass
				-10	3.85	20.328	0.0106	-2.5 to 2.5	Pass
				0	3.85	21.186	0.0111	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	10	3.85	21.658	0.0113	-2.5 to 2.5	Pass
				30	3.85	22.745	0.0119	-2.5 to 2.5	Pass
				40	3.85	23.661	0.0124	-2.5 to 2.5	Pass
				50	3.85	23.475	0.0123	-2.5 to 2.5	Pass
				20	3.27	29.054	0.0157	-2.5 to 2.5	Pass
					3.85	28.996	0.0157	-2.5 to 2.5	Pass
					4.43	26.751	0.0144	-2.5 to 2.5	Pass
				-30	3.85	24.905	0.0134	-2.5 to 2.5	Pass
				-20	3.85	26.407	0.0143	-2.5 to 2.5	Pass
				-10	3.85	25.663	0.0139	-2.5 to 2.5	Pass
	1882.5	25	0	0	3.85	24.033	0.0130	-2.5 to 2.5	Pass
				10	3.85	22.902	0.0124	-2.5 to 2.5	Pass
				30	3.85	23.632	0.0128	-2.5 to 2.5	Pass
				40	3.85	24.033	0.0130	-2.5 to 2.5	Pass
				50	3.85	23.446	0.0127	-2.5 to 2.5	Pass
				20	3.27	-7.668	-0.0041	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0043	-2.5 to 2.5	Pass
					4.43	-9.985	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-15.492	-0.0082	-2.5 to 2.5	Pass
	1912.5	25	0	-10	3.85	-17.152	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-19.126	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-20.571	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-20.843	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-22.101	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-23.317	-0.0124	-2.5 to 2.5	Pass
				20	3.27	22.831	0.0119	-2.5 to 2.5	Pass
					3.85	22.101	0.0116	-2.5 to 2.5	Pass
					4.43	19.555	0.0102	-2.5 to 2.5	Pass
				-30	3.85	18.640	0.0097	-2.5 to 2.5	Pass
				-20	3.85	16.994	0.0089	-2.5 to 2.5	Pass
				-10	3.85	16.580	0.0087	-2.5 to 2.5	Pass
				0	3.85	15.321	0.0080	-2.5 to 2.5	Pass
				10	3.85	14.076	0.0074	-2.5 to 2.5	Pass
				30	3.85	14.319	0.0075	-2.5 to 2.5	Pass
				40	3.85	12.345	0.0065	-2.5 to 2.5	Pass
				50	3.85	12.445	0.0065	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

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Version: 1/00

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	-10.700	-0.0058	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
					4.43	11.272	0.0061	-2.5 to 2.5	Pass
				-30	3.85	24.734	0.0133	-2.5 to 2.5	Pass
				-20	3.85	35.748	0.0193	-2.5 to 2.5	Pass
				-10	3.85	44.947	0.0242	-2.5 to 2.5	Pass
				0	3.85	49.582	0.0267	-2.5 to 2.5	Pass
				10	3.85	52.443	0.0283	-2.5 to 2.5	Pass
				30	3.85	6.237	0.0034	-2.5 to 2.5	Pass
				40	3.85	8.626	0.0047	-2.5 to 2.5	Pass
				50	3.85	9.341	0.0050	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-10.443	-0.0055	-2.5 to 2.5	Pass
					3.85	-16.294	-0.0087	-2.5 to 2.5	Pass
					4.43	-13.089	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-11.101	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-4.349	-0.0023	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	7.095	0.0037	-2.5 to 2.5	Pass
				-20	3.85	9.227	0.0048	-2.5 to 2.5	Pass
				-10	3.85	11.787	0.0062	-2.5 to 2.5	Pass
				0	3.85	12.660	0.0066	-2.5 to 2.5	Pass
				10	3.85	13.790	0.0072	-2.5 to 2.5	Pass
				30	3.85	14.448	0.0076	-2.5 to 2.5	Pass
				40	3.85	13.332	0.0070	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	10.185	0.0055	-2.5 to 2.5	Pass
					3.85	9.041	0.0049	-2.5 to 2.5	Pass
					4.43	7.453	0.0040	-2.5 to 2.5	Pass
				-30	3.85	6.166	0.0033	-2.5 to 2.5	Pass
				-20	3.85	4.921	0.0027	-2.5 to 2.5	Pass
				-10	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				0	3.85	4.535	0.0024	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.903	0.0010	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-1.516	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.766	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-8.640	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.985	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-11.988	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-14.162	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-14.791	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-14.906	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-15.736	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-15.078	-0.0080	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	15.864	0.0083	-2.5 to 2.5	Pass
					3.85	14.248	0.0075	-2.5 to 2.5	Pass

					4.43	12.374	0.0065	-2.5 to 2.5	Pass
				-30	3.85	10.171	0.0053	-2.5 to 2.5	Pass
				-20	3.85	8.440	0.0044	-2.5 to 2.5	Pass
				-10	3.85	8.039	0.0042	-2.5 to 2.5	Pass
				0	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				10	3.85	5.150	0.0027	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				50	3.85	2.961	0.0016	-2.5 to 2.5	Pass

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	-17.195	-0.0093	-2.5 to 2.5	Pass
					3.85	-13.919	-0.0075	-2.5 to 2.5	Pass
					4.43	3.777	0.0020	-2.5 to 2.5	Pass
				-30	3.85	20.041	0.0108	-2.5 to 2.5	Pass
				-20	3.85	29.054	0.0156	-2.5 to 2.5	Pass
				-10	3.85	37.680	0.0203	-2.5 to 2.5	Pass
				0	3.85	41.957	0.0226	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.131	0.0011	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-2.246	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.047	0.0016	-2.5 to 2.5	Pass
				-20	3.85	6.151	0.0033	-2.5 to 2.5	Pass
				-10	3.85	8.240	0.0044	-2.5 to 2.5	Pass
				0	3.85	9.942	0.0053	-2.5 to 2.5	Pass
				10	3.85	10.428	0.0055	-2.5 to 2.5	Pass
				30	3.85	10.343	0.0055	-2.5 to 2.5	Pass
				40	3.85	10.815	0.0057	-2.5 to 2.5	Pass
				50	3.85	11.530	0.0061	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	3.076	0.0016	-2.5 to 2.5	Pass
					3.85	0.672	0.0004	-2.5 to 2.5	Pass
					4.43	7.896	0.0041	-2.5 to 2.5	Pass
				-30	3.85	13.475	0.0071	-2.5 to 2.5	Pass
				-20	3.85	17.667	0.0093	-2.5 to 2.5	Pass
				-10	3.85	17.881	0.0094	-2.5 to 2.5	Pass
				0	3.85	20.413	0.0107	-2.5 to 2.5	Pass
				10	3.85	20.828	0.0109	-2.5 to 2.5	Pass
				30	3.85	22.759	0.0119	-2.5 to 2.5	Pass
				40	3.85	23.918	0.0125	-2.5 to 2.5	Pass
				50	3.85	23.117	0.0121	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	4.463	0.0024	-2.5 to 2.5	Pass
					3.85	3.104	0.0017	-2.5 to 2.5	Pass
					4.43	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0026	-2.5 to 2.5	Pass

	1882.5	75	0	50	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				20	3.27	12.245	0.0065	-2.5 to 2.5	Pass
					3.85	11.029	0.0059	-2.5 to 2.5	Pass
					4.43	9.141	0.0049	-2.5 to 2.5	Pass
				-30	3.85	6.595	0.0035	-2.5 to 2.5	Pass
				-20	3.85	5.679	0.0030	-2.5 to 2.5	Pass
				-10	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.904	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
	1907.5	75	0	40	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				20	3.27	23.675	0.0124	-2.5 to 2.5	Pass
					3.85	22.931	0.0120	-2.5 to 2.5	Pass
					4.43	20.700	0.0109	-2.5 to 2.5	Pass
				-30	3.85	18.024	0.0094	-2.5 to 2.5	Pass
				-20	3.85	16.623	0.0087	-2.5 to 2.5	Pass
				-10	3.85	16.494	0.0086	-2.5 to 2.5	Pass
				0	3.85	14.462	0.0076	-2.5 to 2.5	Pass
				10	3.85	14.062	0.0074	-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	-15.349	-0.0083	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
					4.43	20.771	0.0112	-2.5 to 2.5	Pass
				-30	3.85	34.447	0.0185	-2.5 to 2.5	Pass
				-20	3.85	42.973	0.0231	-2.5 to 2.5	Pass
				-10	3.85	-13.375	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0002	-2.5 to 2.5	Pass
	1882.5	100	0	50	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				20	3.27	10.386	0.0055	-2.5 to 2.5	Pass
					3.85	10.529	0.0056	-2.5 to 2.5	Pass
					4.43	18.168	0.0097	-2.5 to 2.5	Pass
				-30	3.85	23.589	0.0125	-2.5 to 2.5	Pass
				-20	3.85	26.722	0.0142	-2.5 to 2.5	Pass
				-10	3.85	29.340	0.0156	-2.5 to 2.5	Pass
				0	3.85	30.084	0.0160	-2.5 to 2.5	Pass
				10	3.85	30.928	0.0164	-2.5 to 2.5	Pass
				30	3.85	32.415	0.0172	-2.5 to 2.5	Pass
	1905	100	0	40	3.85	32.630	0.0173	-2.5 to 2.5	Pass
				50	3.85	33.946	0.0180	-2.5 to 2.5	Pass
				20	3.27	4.520	0.0024	-2.5 to 2.5	Pass
					3.85	4.978	0.0026	-2.5 to 2.5	Pass
					4.43	9.370	0.0049	-2.5 to 2.5	Pass
				-30	3.85	16.594	0.0087	-2.5 to 2.5	Pass
				-20	3.85	18.497	0.0097	-2.5 to 2.5	Pass
				-10	3.85	20.499	0.0108	-2.5 to 2.5	Pass
				0	3.85	22.516	0.0118	-2.5 to 2.5	Pass

				10	3.85	22.373	0.0117	-2.5 to 2.5	Pass
				30	3.85	24.619	0.0129	-2.5 to 2.5	Pass
				40	3.85	26.436	0.0139	-2.5 to 2.5	Pass
				50	3.85	26.364	0.0138	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	4.206	0.0023	-2.5 to 2.5	Pass
					3.85	1.988	0.0011	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-6.967	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-7.553	-0.0041	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	34.890	0.0185	-2.5 to 2.5	Pass
					3.85	31.242	0.0166	-2.5 to 2.5	Pass
					4.43	29.211	0.0155	-2.5 to 2.5	Pass
				-30	3.85	27.580	0.0147	-2.5 to 2.5	Pass
				-20	3.85	25.907	0.0138	-2.5 to 2.5	Pass
				-10	3.85	25.792	0.0137	-2.5 to 2.5	Pass
				0	3.85	24.090	0.0128	-2.5 to 2.5	Pass
				10	3.85	23.017	0.0122	-2.5 to 2.5	Pass
				30	3.85	22.044	0.0117	-2.5 to 2.5	Pass
				40	3.85	23.260	0.0124	-2.5 to 2.5	Pass
				50	3.85	20.742	0.0110	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	25.635	0.0135	-2.5 to 2.5	Pass
					3.85	20.370	0.0107	-2.5 to 2.5	Pass
					4.43	19.097	0.0100	-2.5 to 2.5	Pass
				-30	3.85	17.438	0.0092	-2.5 to 2.5	Pass
				-20	3.85	15.793	0.0083	-2.5 to 2.5	Pass
				-10	3.85	13.146	0.0069	-2.5 to 2.5	Pass
				0	3.85	12.288	0.0065	-2.5 to 2.5	Pass
				10	3.85	10.185	0.0053	-2.5 to 2.5	Pass
				30	3.85	10.028	0.0053	-2.5 to 2.5	Pass
				40	3.85	9.813	0.0052	-2.5 to 2.5	Pass
				50	3.85	8.655	0.0045	-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
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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 (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

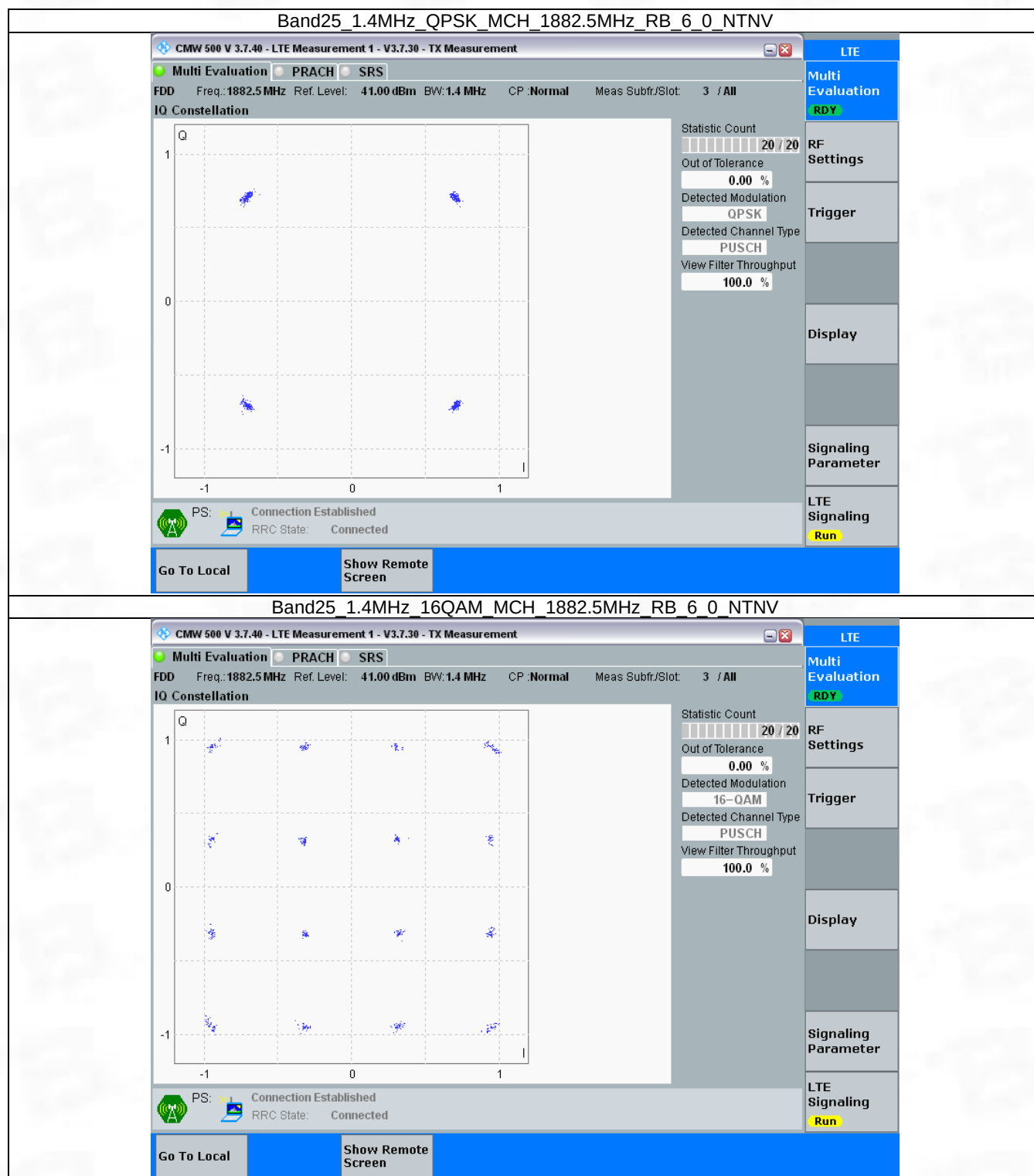
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

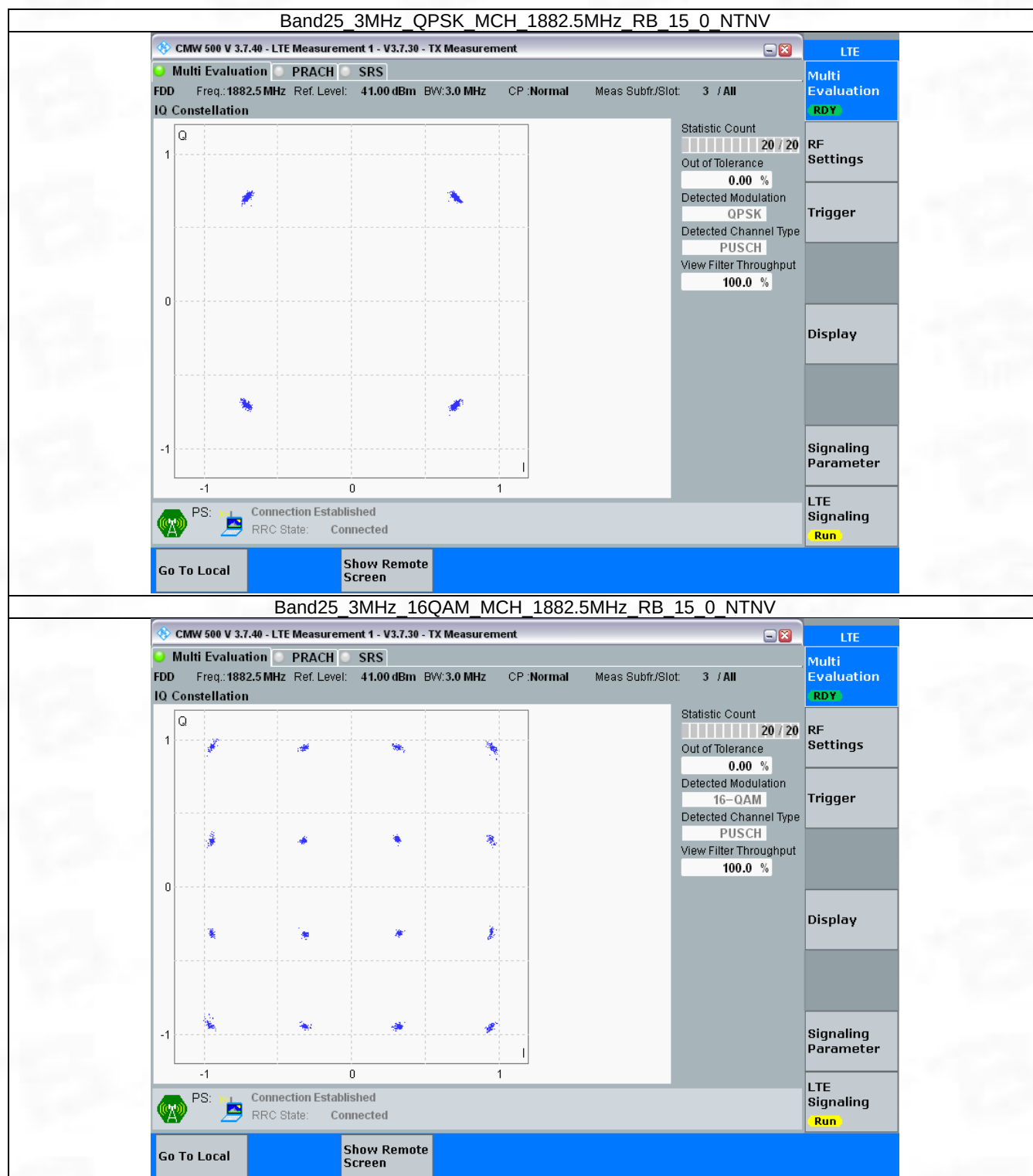
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

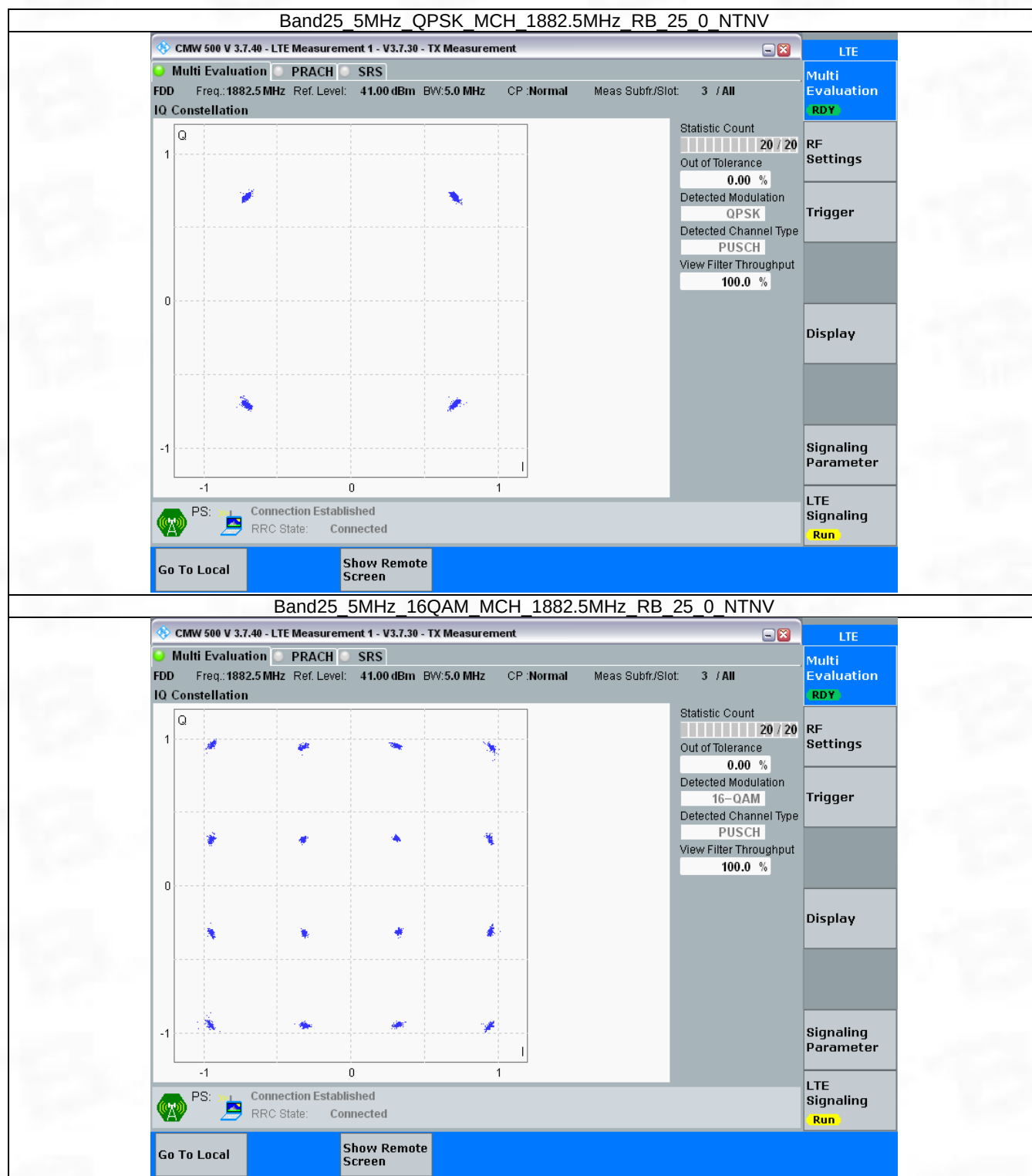
3.2.1 B25_1.4MHz



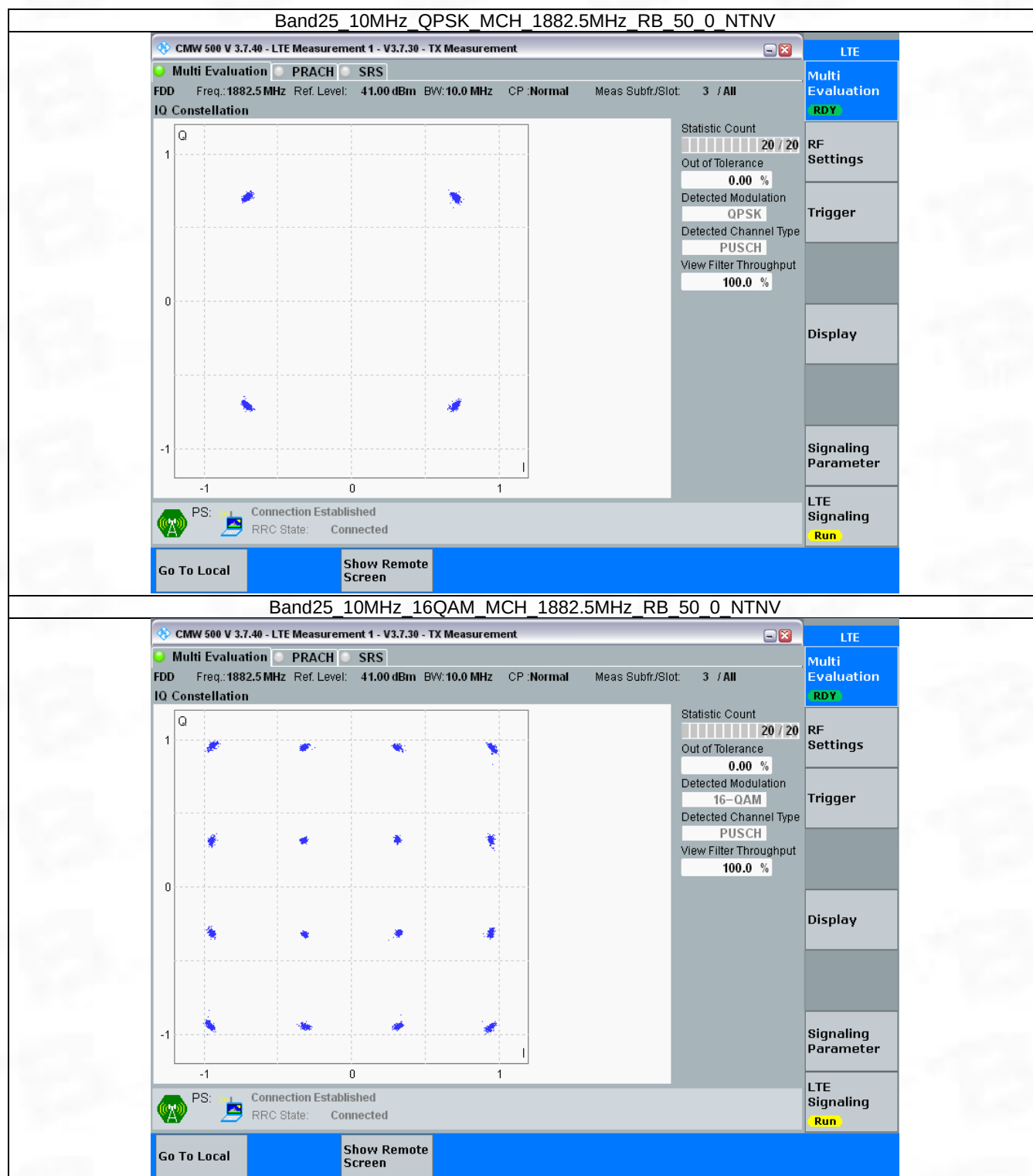
3.2.2 B25_3MHz



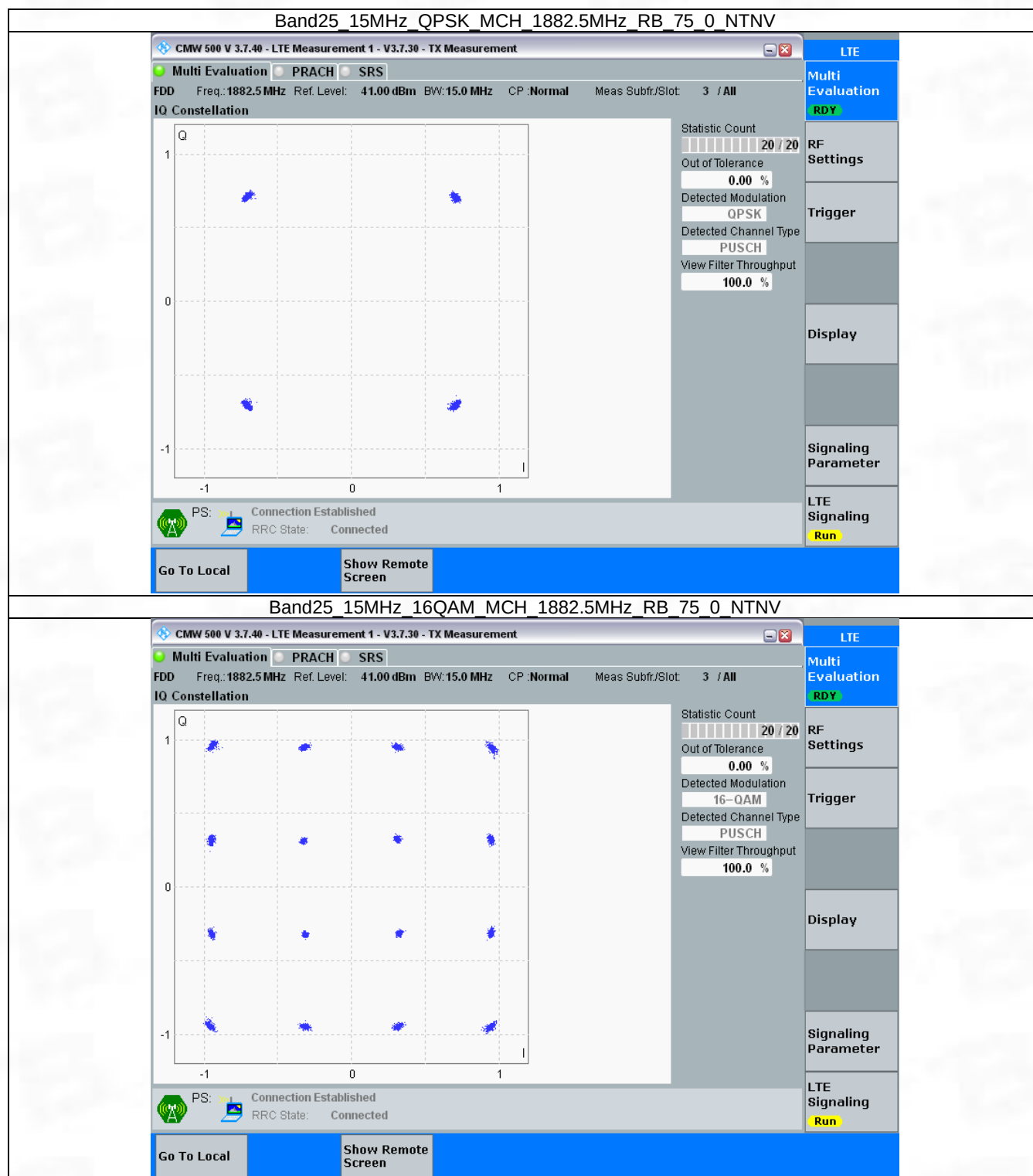
3.2.3 B25_5MHz



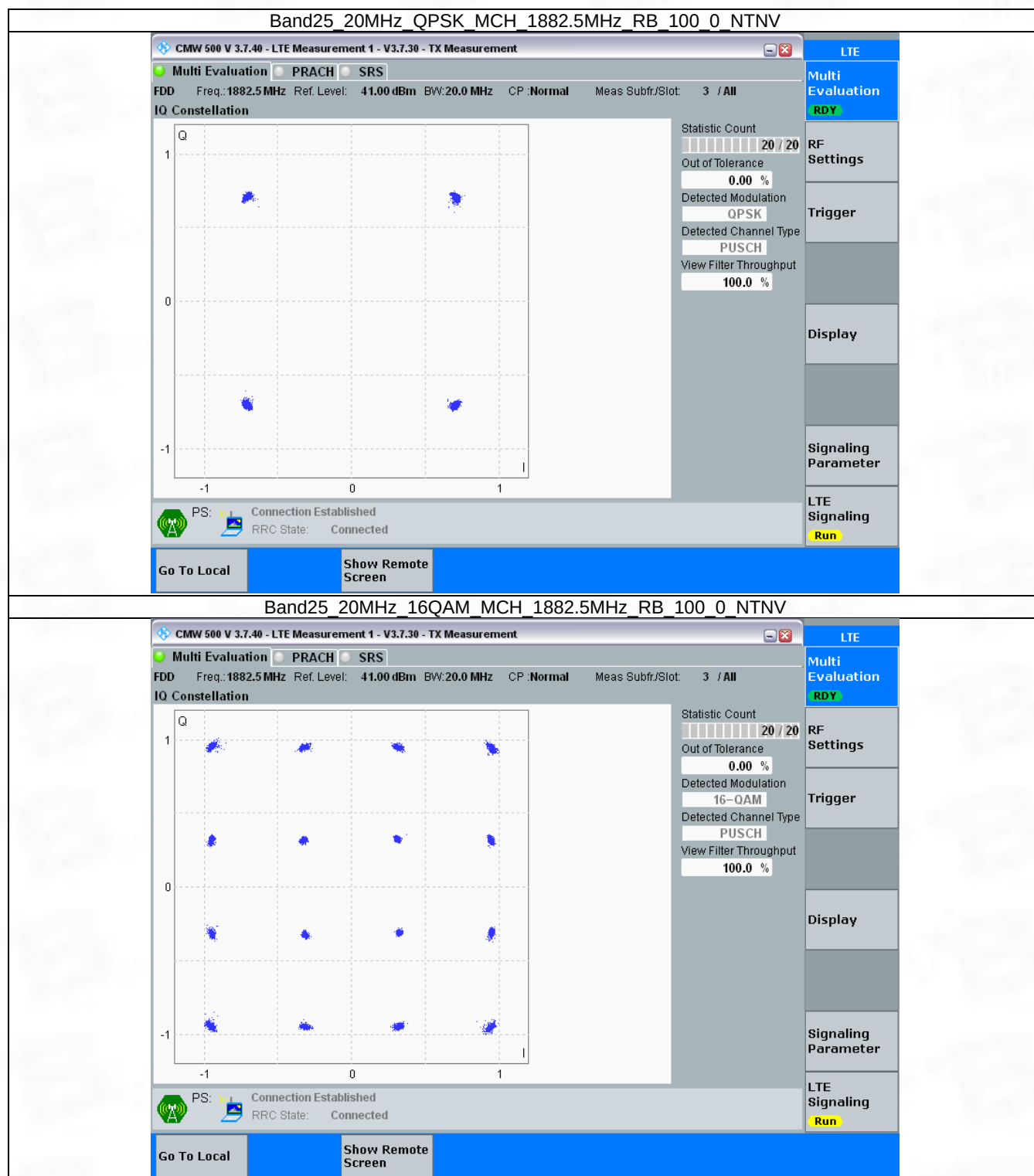
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



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	1.110	/	Pass
		1882.5	6	0	1.113	/	Pass
		1914.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.117	/	Pass
		1882.5	6	0	1.115	/	Pass
		1914.3	6	0	1.104	/	Pass
3	QPSK	1851.5	15	0	2.761	/	Pass
		1882.5	15	0	2.757	/	Pass
		1913.5	15	0	2.761	/	Pass
	16QAM	1851.5	15	0	2.767	/	Pass
		1882.5	15	0	2.745	/	Pass
		1913.5	15	0	2.757	/	Pass
5	QPSK	1852.5	25	0	4.548	/	Pass
		1882.5	25	0	4.553	/	Pass
		1912.5	25	0	4.571	/	Pass
	16QAM	1852.5	25	0	4.573	/	Pass
		1882.5	25	0	4.555	/	Pass
		1912.5	25	0	4.537	/	Pass
10	QPSK	1855	50	0	9.103	/	Pass
		1882.5	50	0	9.050	/	Pass
		1910	50	0	9.075	/	Pass
	16QAM	1855	50	0	9.085	/	Pass
		1882.5	50	0	9.082	/	Pass
		1910	50	0	9.087	/	Pass
15	QPSK	1857.5	75	0	13.633	/	Pass
		1882.5	75	0	13.581	/	Pass
		1907.5	75	0	13.569	/	Pass
	16QAM	1857.5	75	0	13.609	/	Pass
		1882.5	75	0	13.608	/	Pass
		1907.5	75	0	13.621	/	Pass
20	QPSK	1860	100	0	18.142	/	Pass
		1882.5	100	0	18.185	/	Pass
		1905	100	0	18.166	/	Pass
	16QAM	1860	100	0	18.150	/	Pass
		1882.5	100	0	18.205	/	Pass
		1905	100	0	18.201	/	Pass

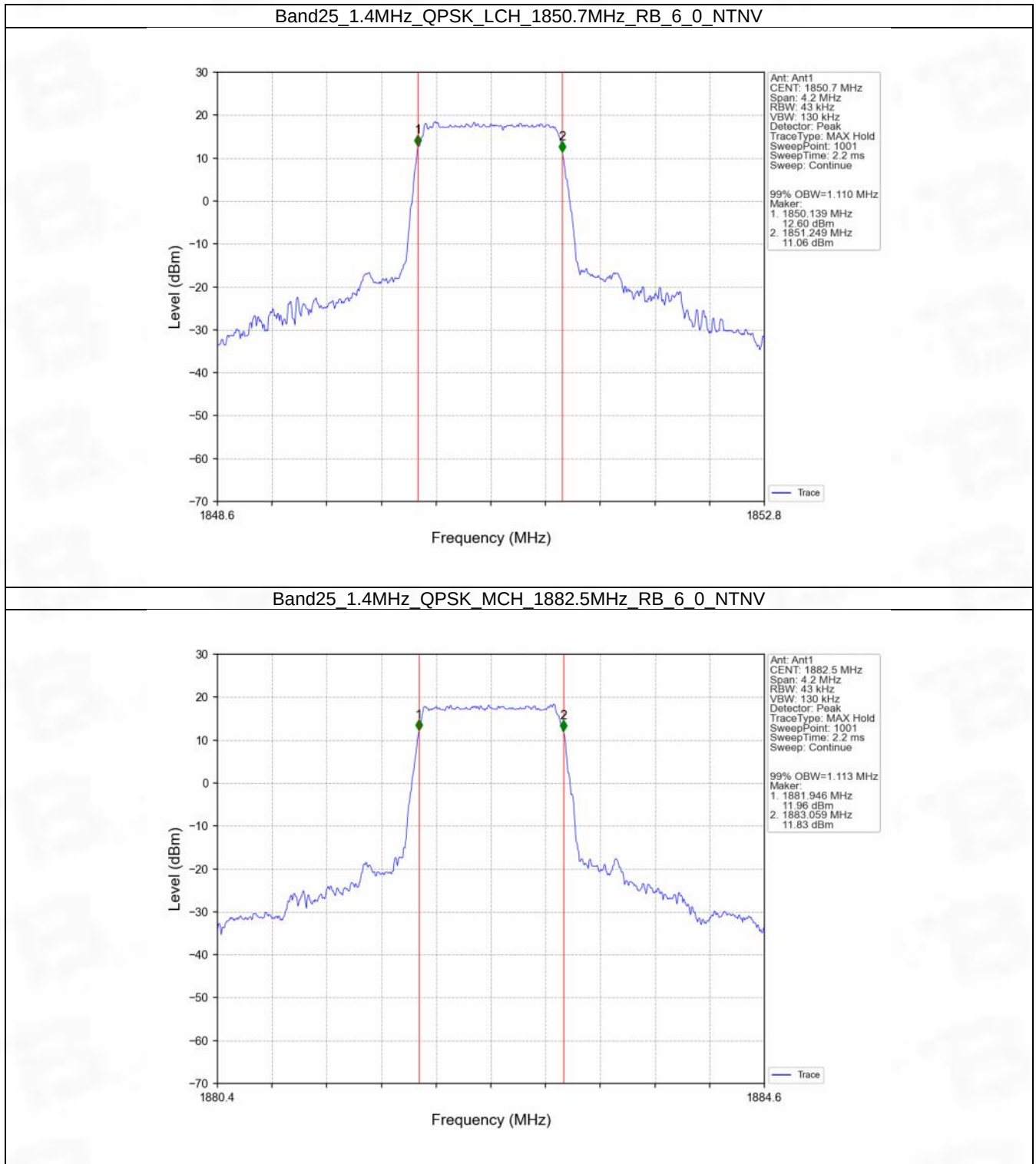
4.1.2 Band25_XDB

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	1.269	/	Pass
		1882.5	6	0	1.280	/	Pass
		1914.3	6	0	1.269	/	Pass
	16QAM	1850.7	6	0	1.279	/	Pass

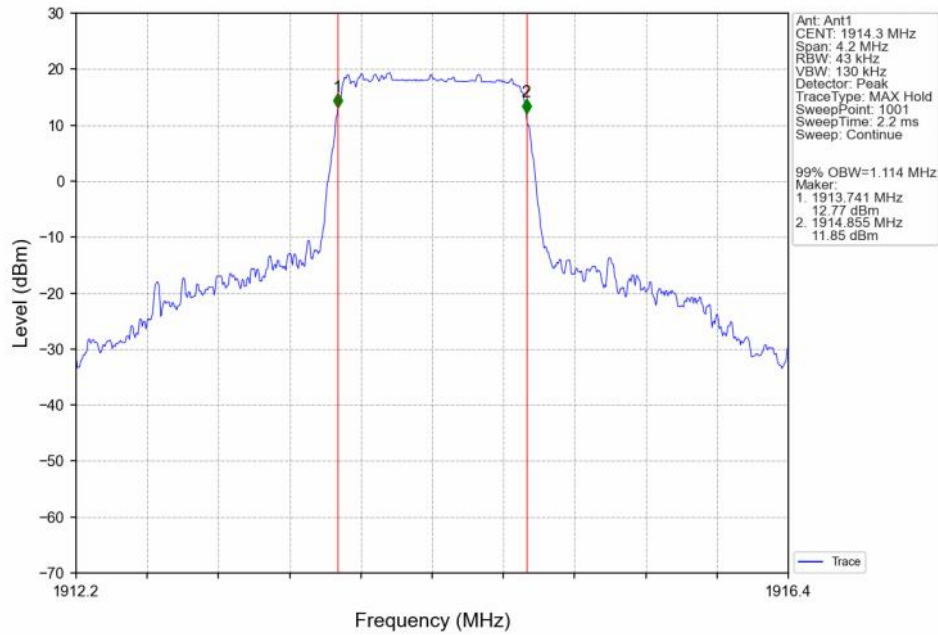
		1882.5	6	0	1.282	/	Pass
		1914.3	6	0	1.265	/	Pass
3	QPSK	1851.5	15	0	3.080	/	Pass
		1882.5	15	0	3.064	/	Pass
		1913.5	15	0	3.111	/	Pass
	16QAM	1851.5	15	0	3.122	/	Pass
		1882.5	15	0	3.099	/	Pass
		1913.5	15	0	3.100	/	Pass
5	QPSK	1852.5	25	0	5.074	/	Pass
		1882.5	25	0	5.074	/	Pass
		1912.5	25	0	5.019	/	Pass
	16QAM	1852.5	25	0	5.071	/	Pass
		1882.5	25	0	5.099	/	Pass
		1912.5	25	0	5.046	/	Pass
10	QPSK	1855	50	0	10.068	/	Pass
		1882.5	50	0	10.059	/	Pass
		1910	50	0	10.022	/	Pass
	16QAM	1855	50	0	10.076	/	Pass
		1882.5	50	0	10.032	/	Pass
		1910	50	0	10.052	/	Pass
15	QPSK	1857.5	75	0	15.192	/	Pass
		1882.5	75	0	15.147	/	Pass
		1907.5	75	0	15.164	/	Pass
	16QAM	1857.5	75	0	15.128	/	Pass
		1882.5	75	0	15.253	/	Pass
		1907.5	75	0	15.153	/	Pass
20	QPSK	1860	100	0	20.173	/	Pass
		1882.5	100	0	20.104	/	Pass
		1905	100	0	19.799	/	Pass
	16QAM	1860	100	0	19.957	/	Pass
		1882.5	100	0	20.049	/	Pass
		1905	100	0	19.859	/	Pass

4.2 Test Graph

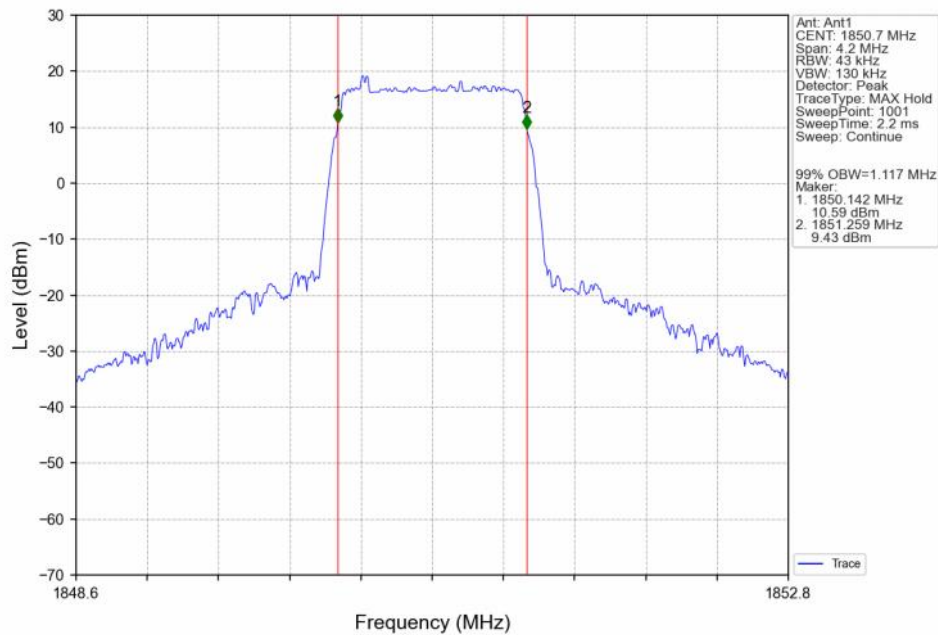
4.2.1 Band25_OBW



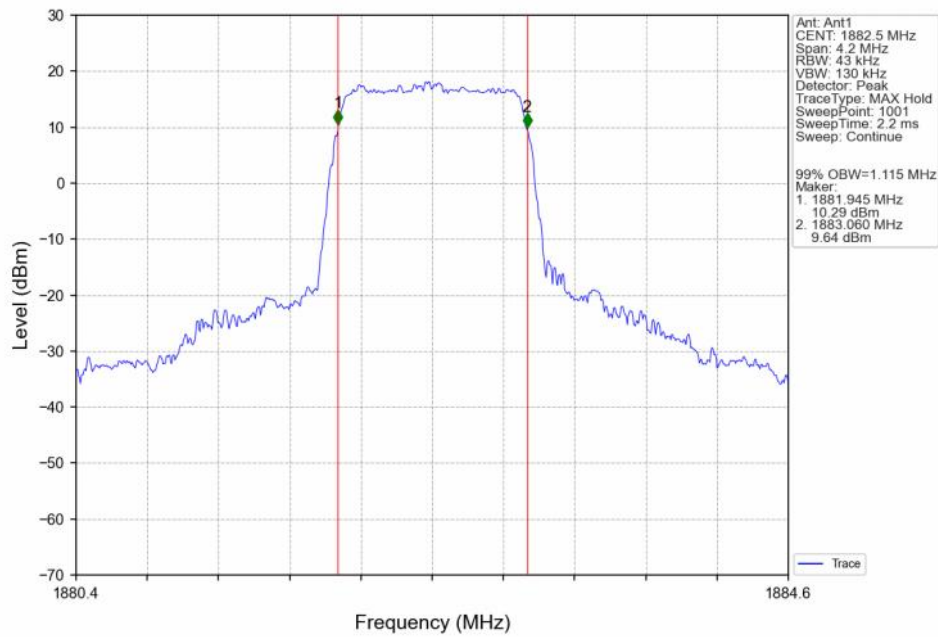
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



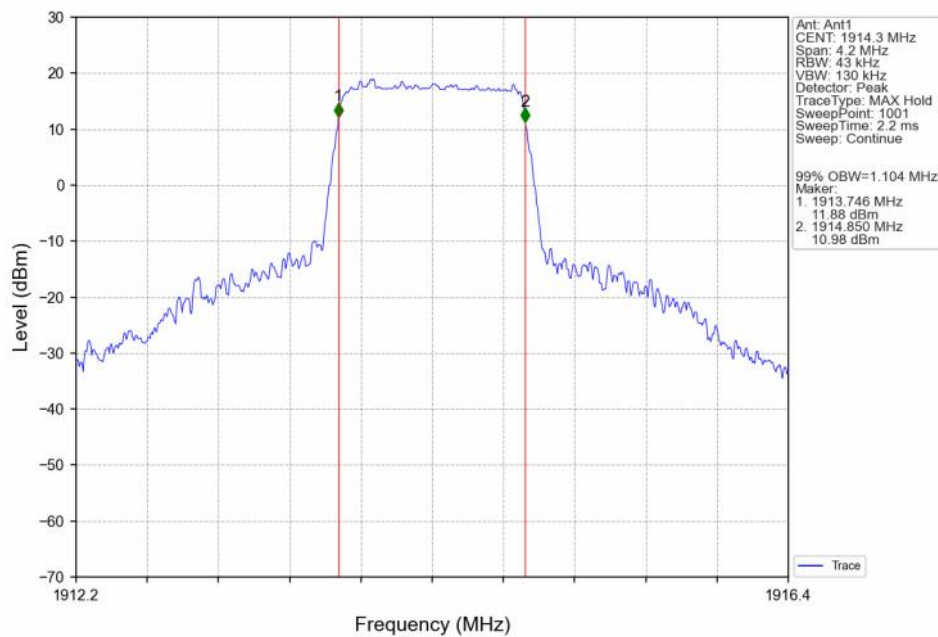
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



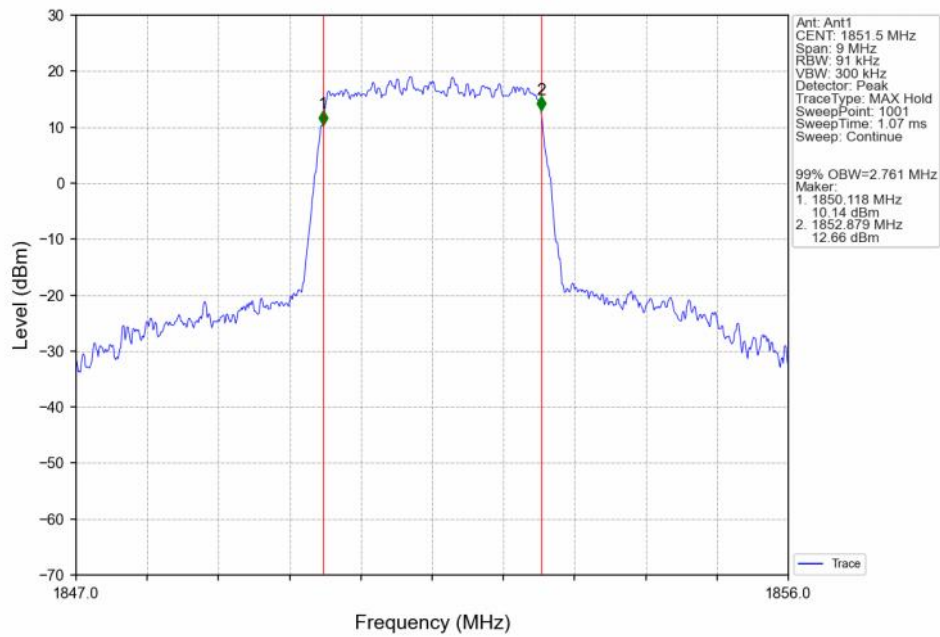
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



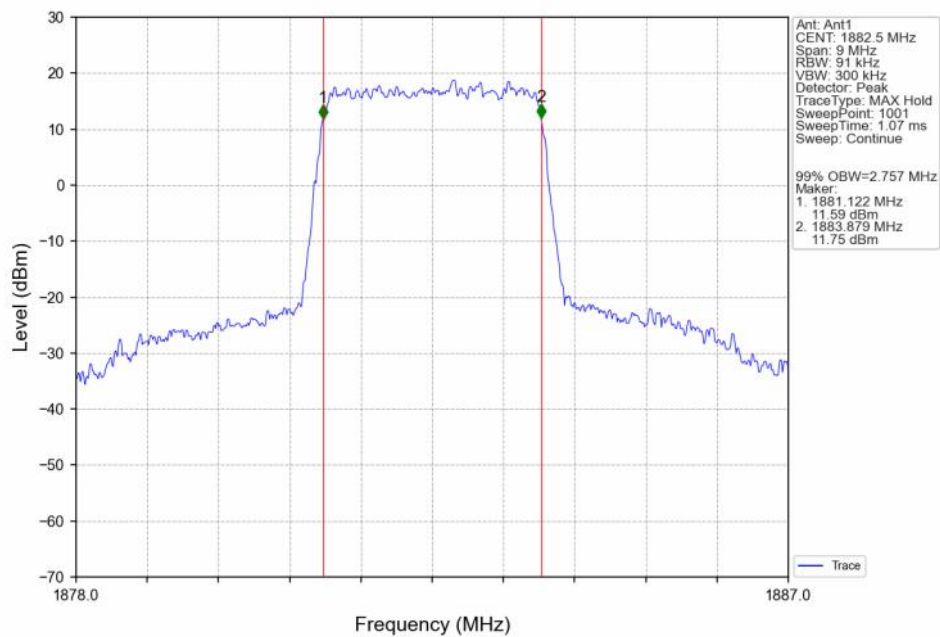
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



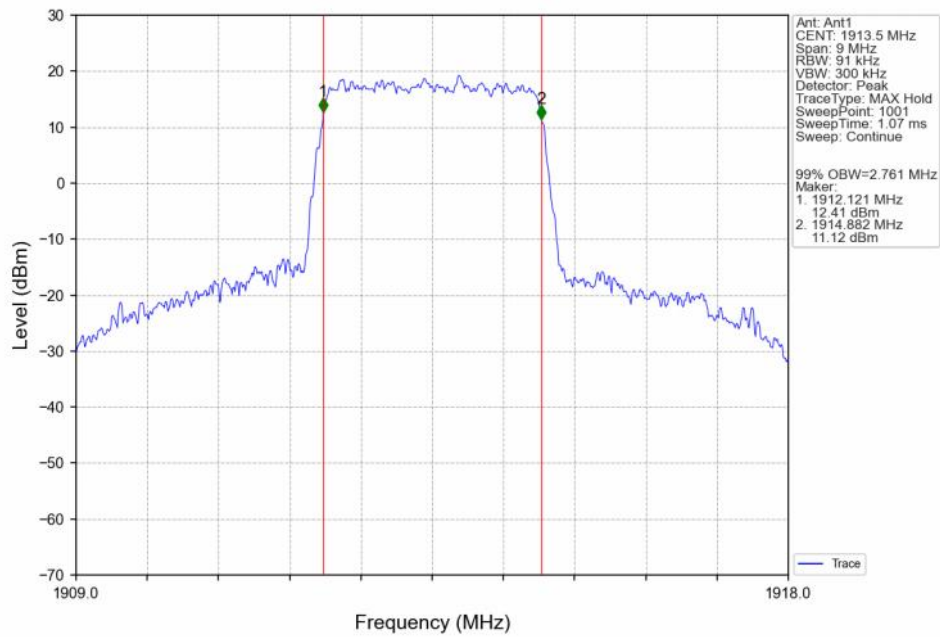
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



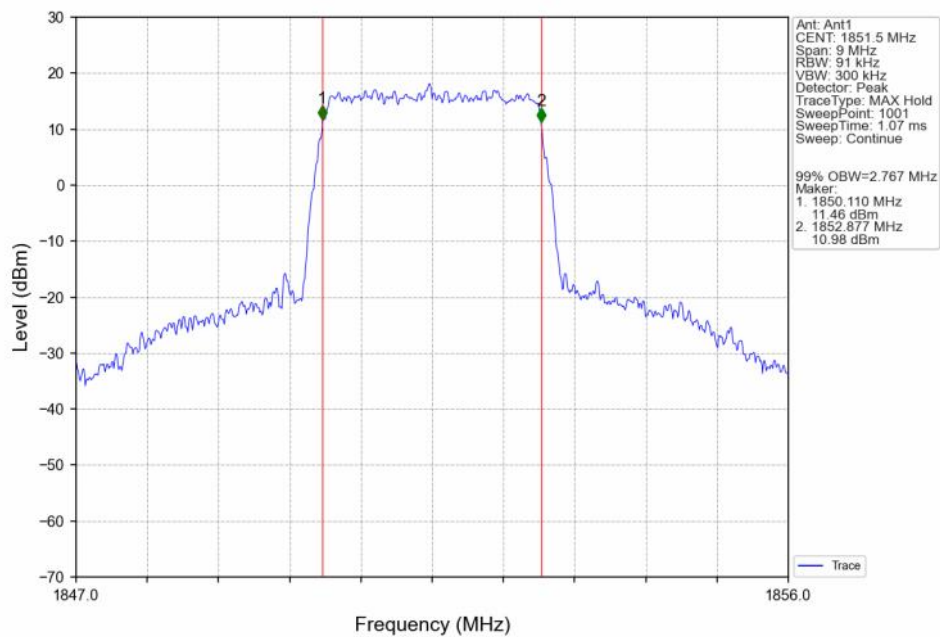
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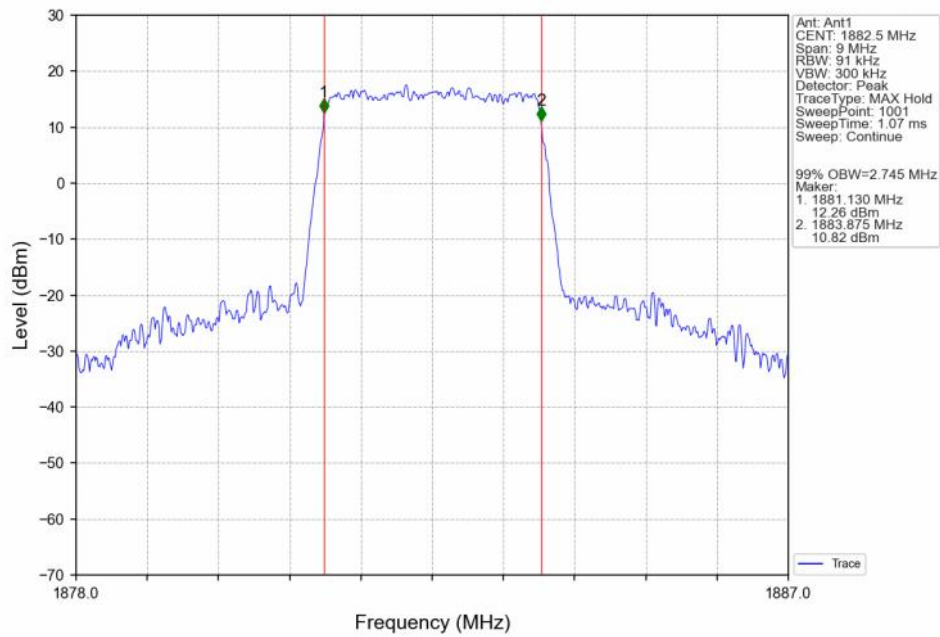
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



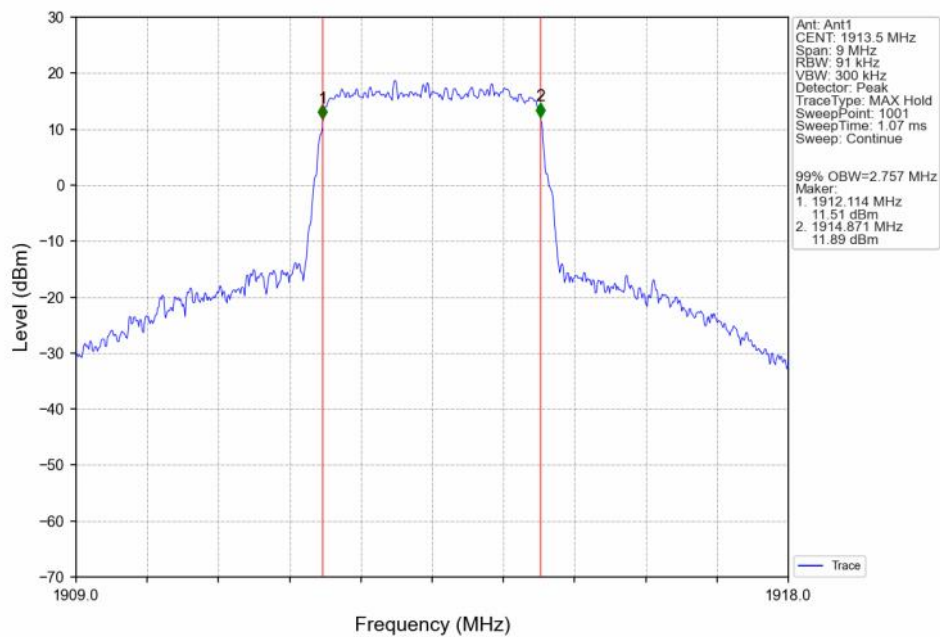
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



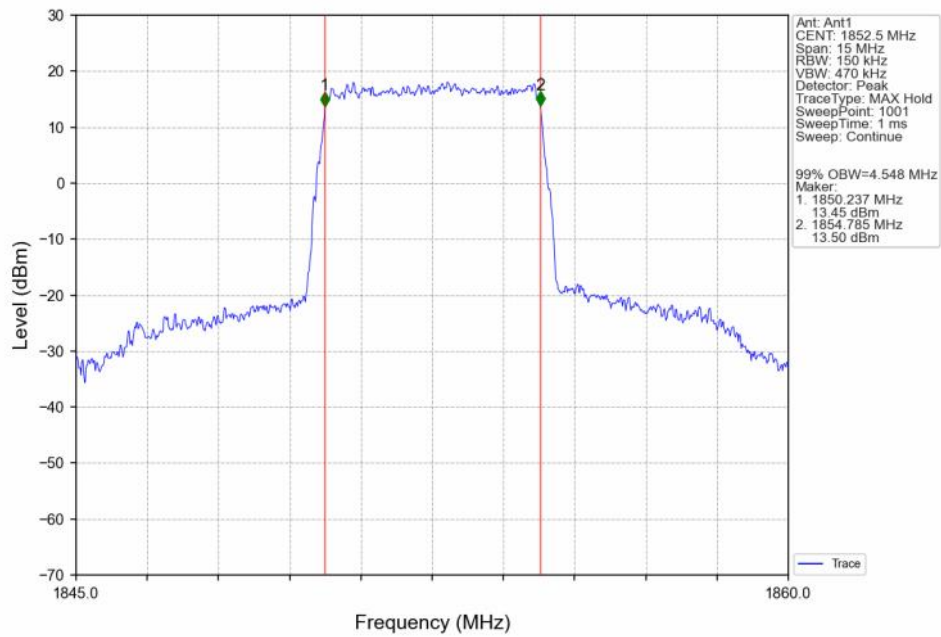
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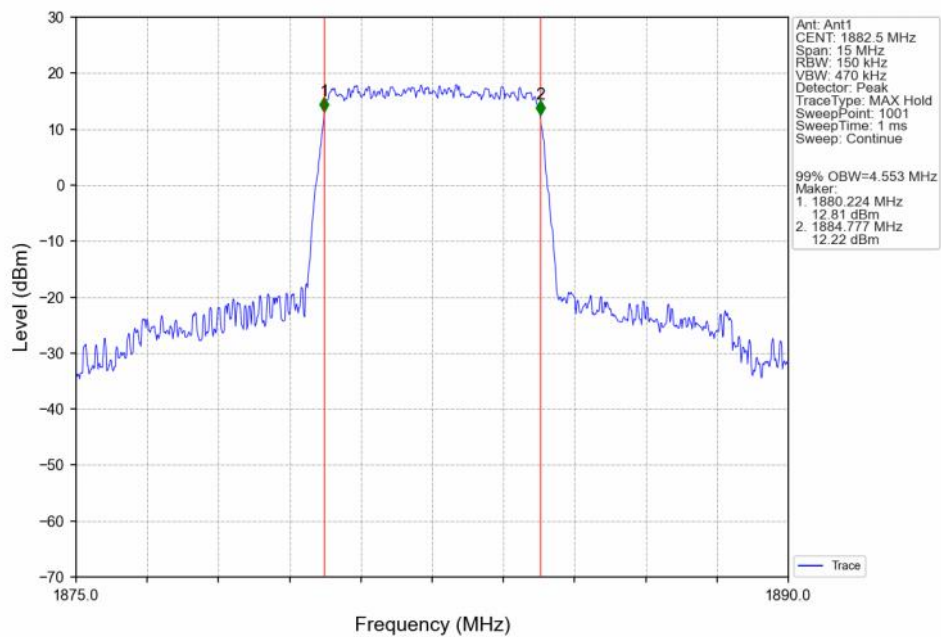
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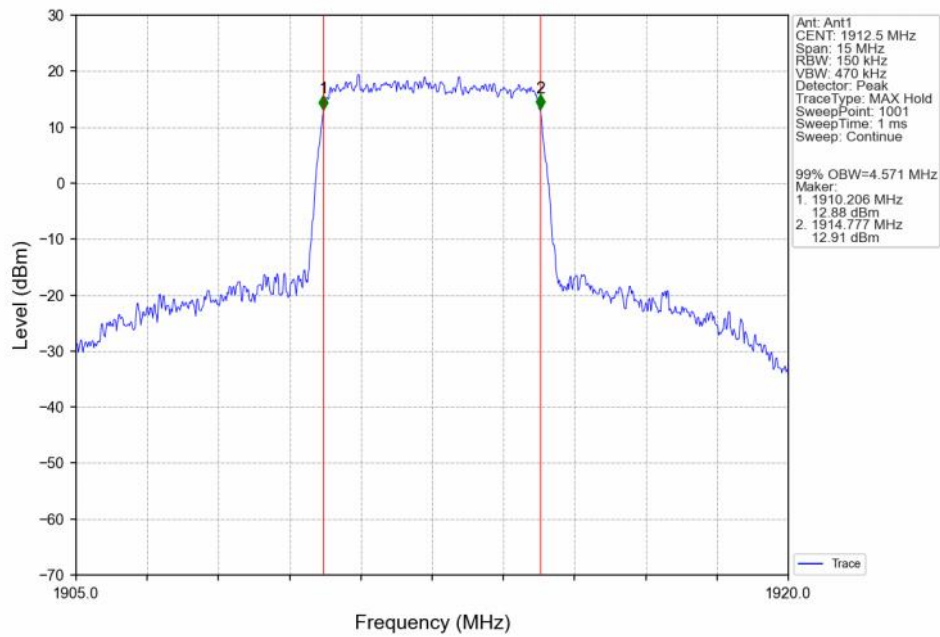
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



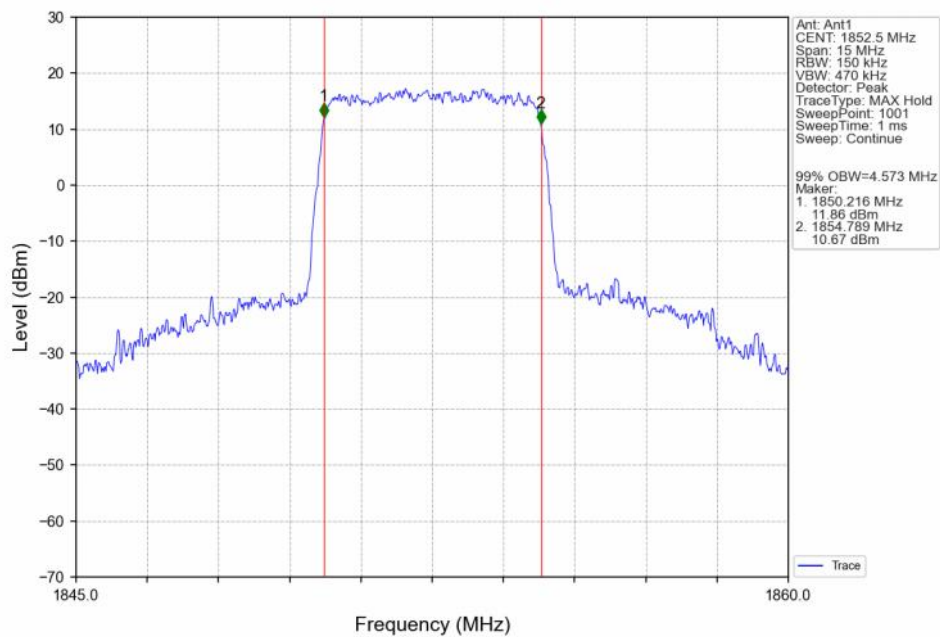
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



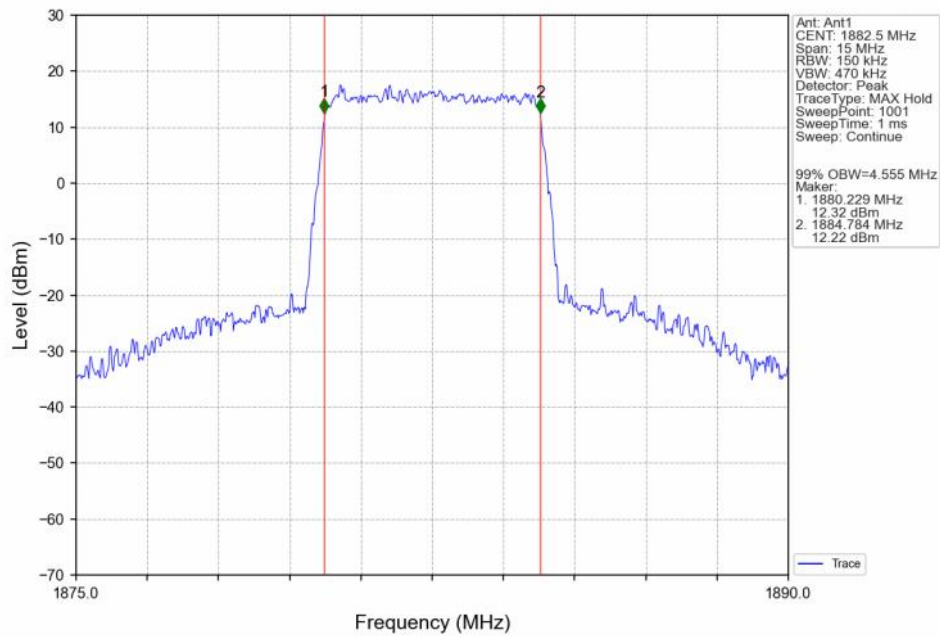
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



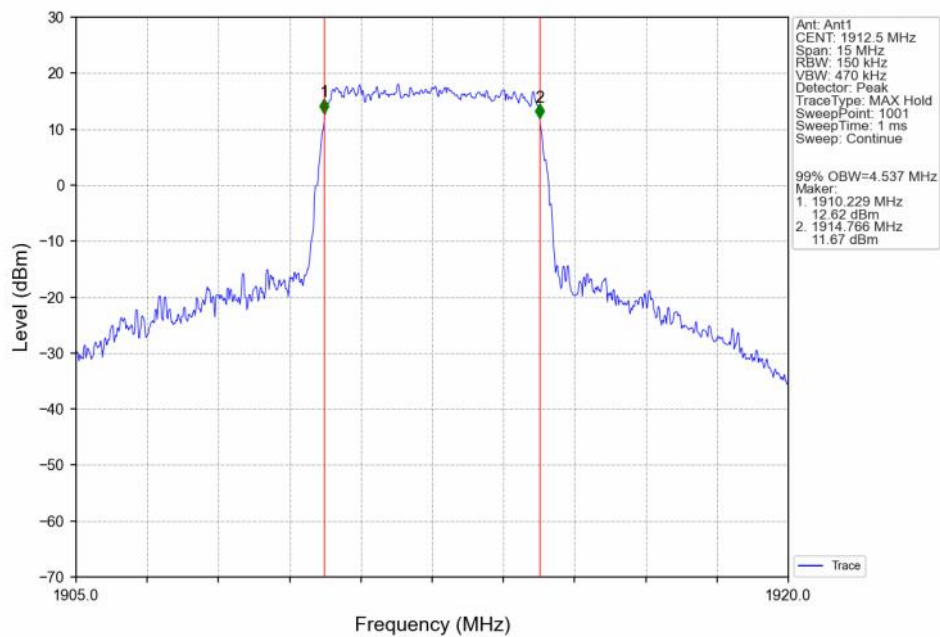
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



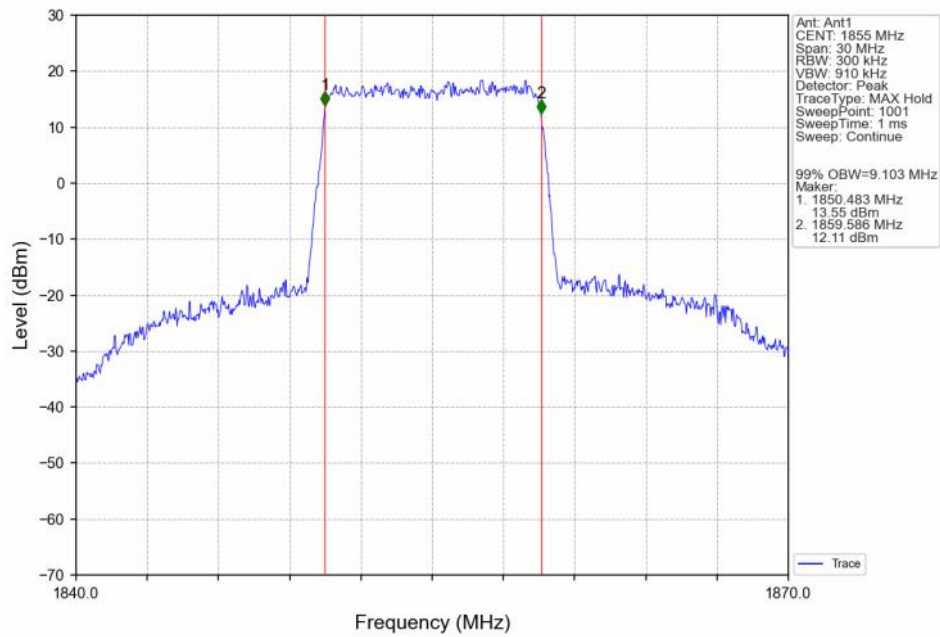
Band25 5MHz 16QAM MCH 1882.5MHz_RB_25_0_NTNV



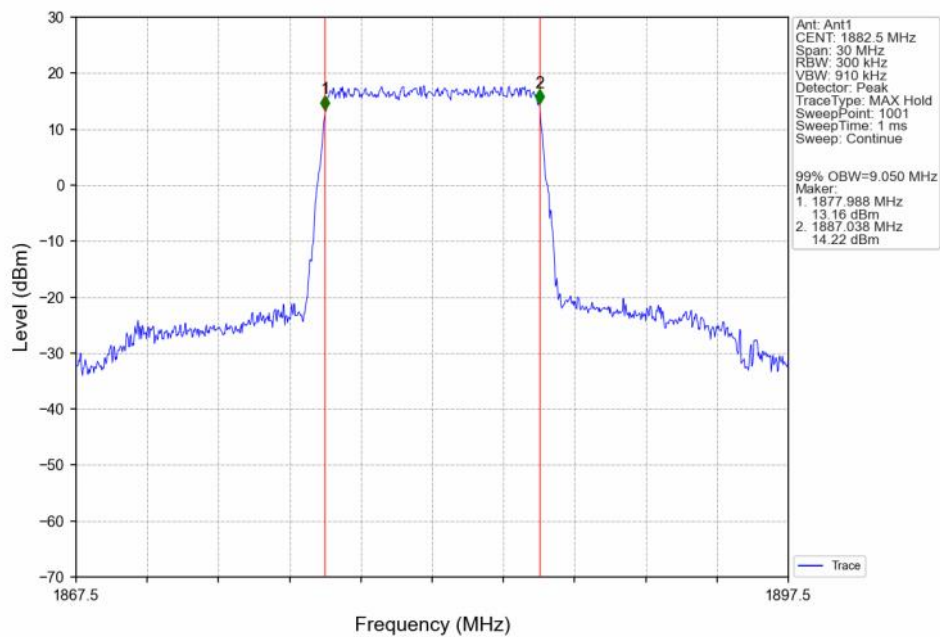
Band25 5MHz 16QAM HCH 1912.5MHz_RB_25_0_NTNV



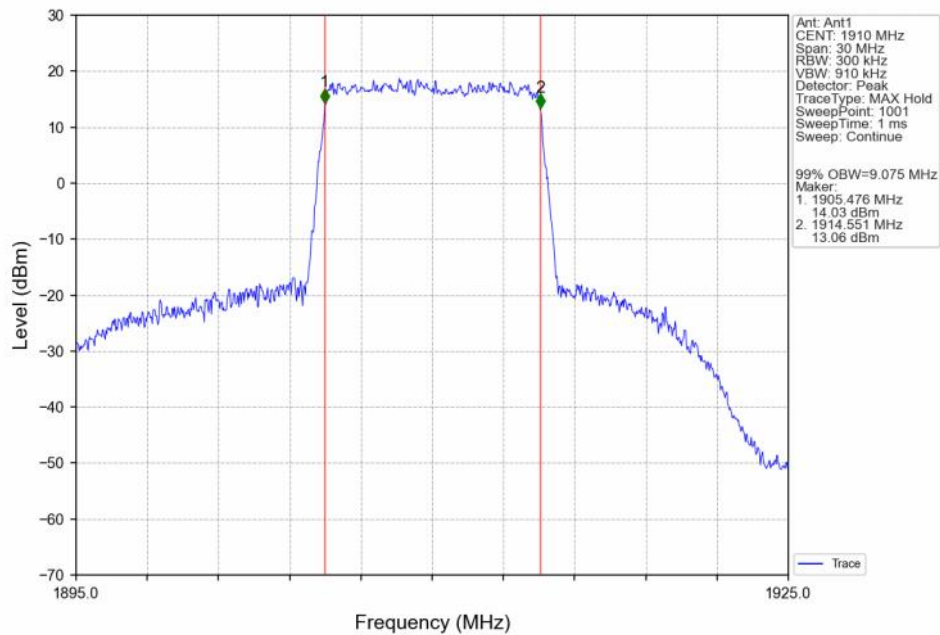
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



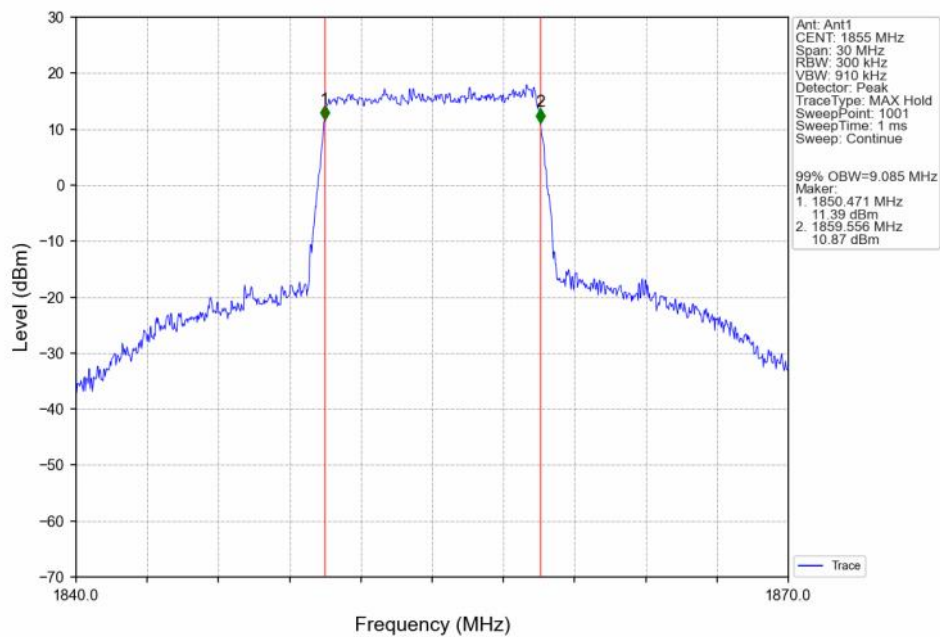
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



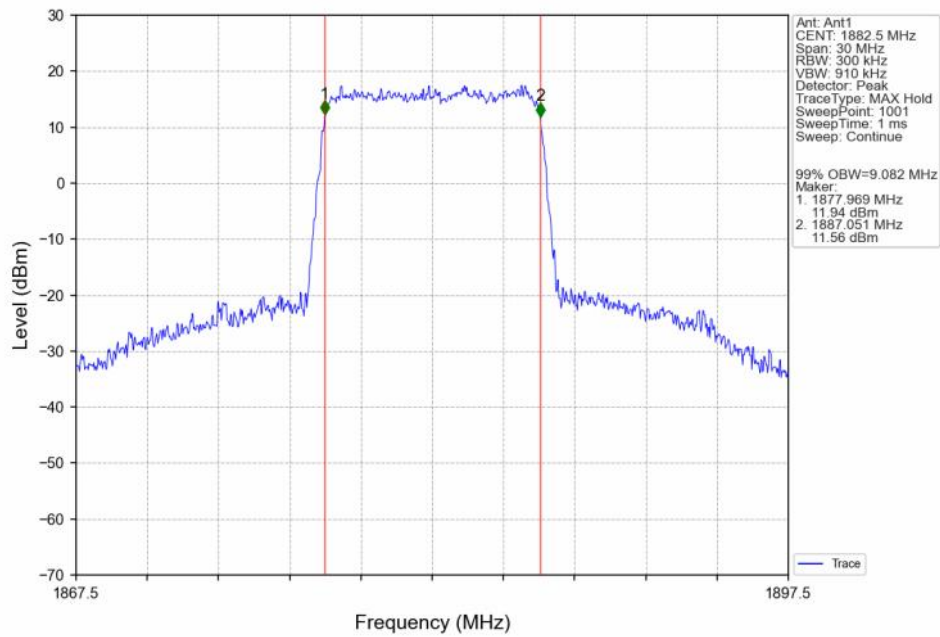
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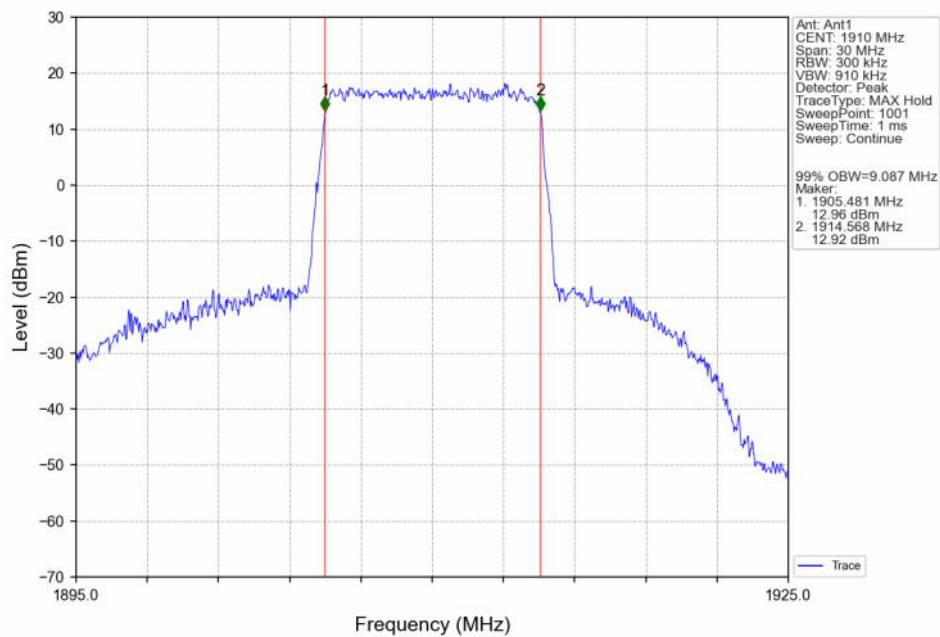
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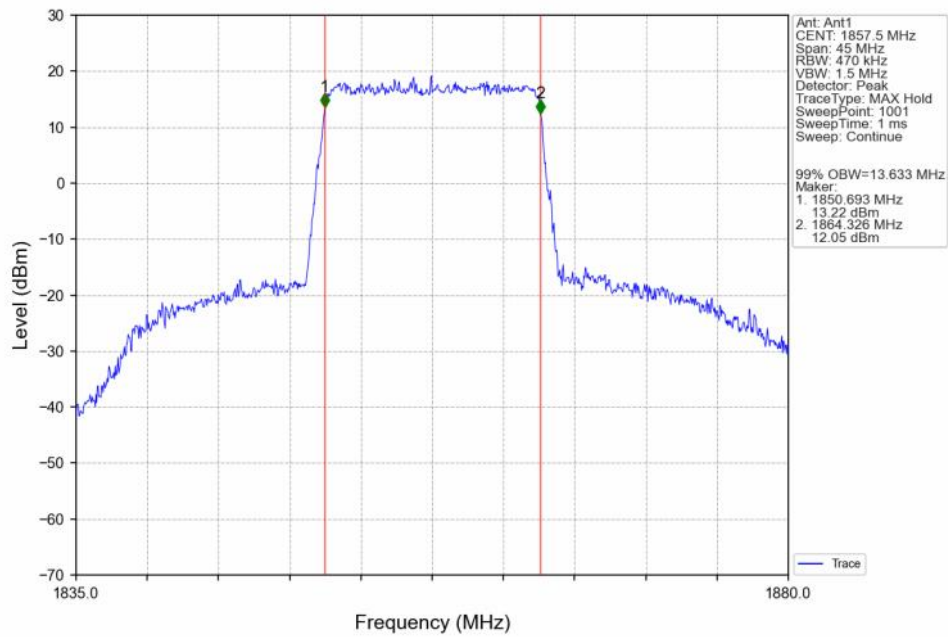
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



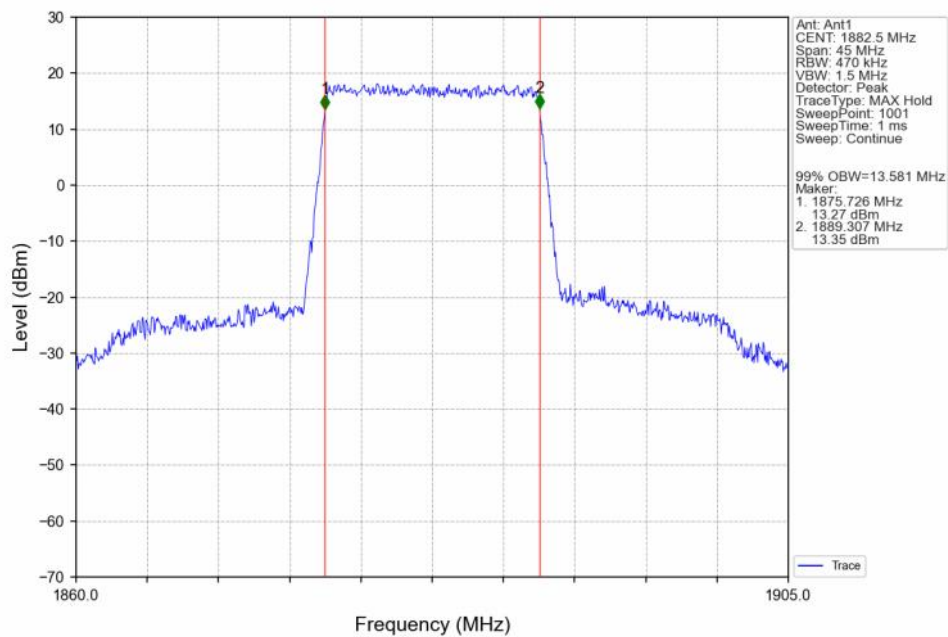
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



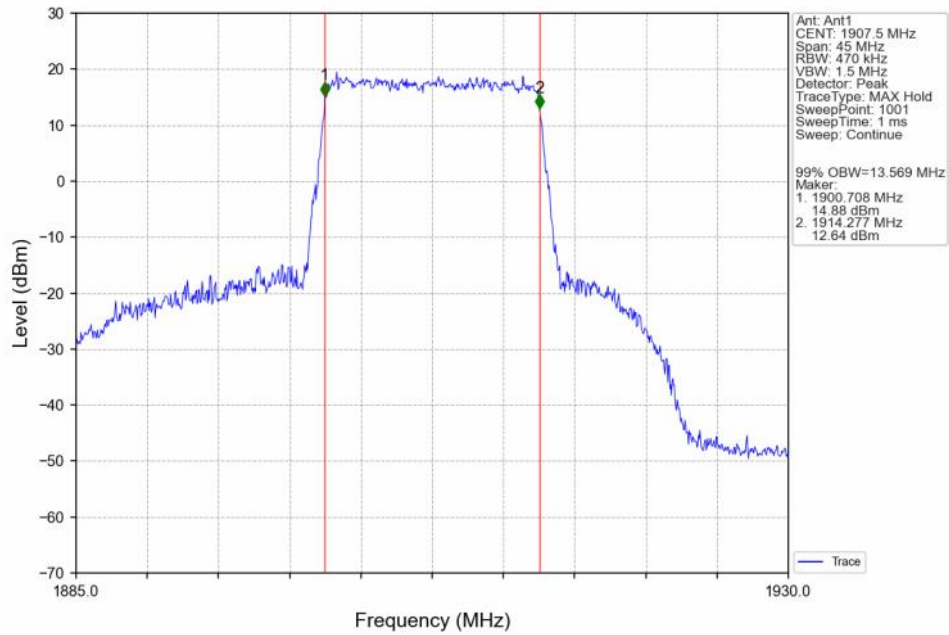
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



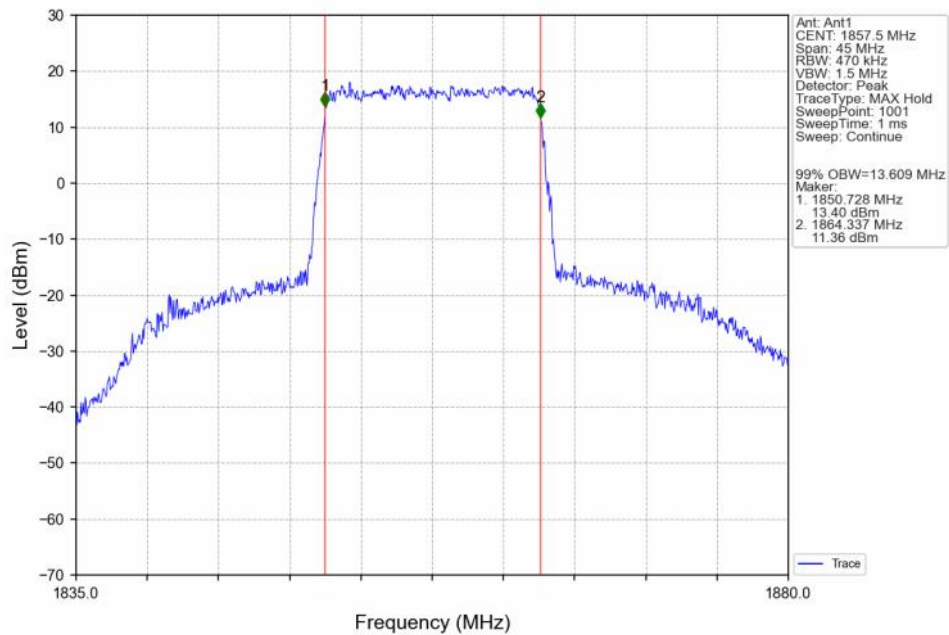
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



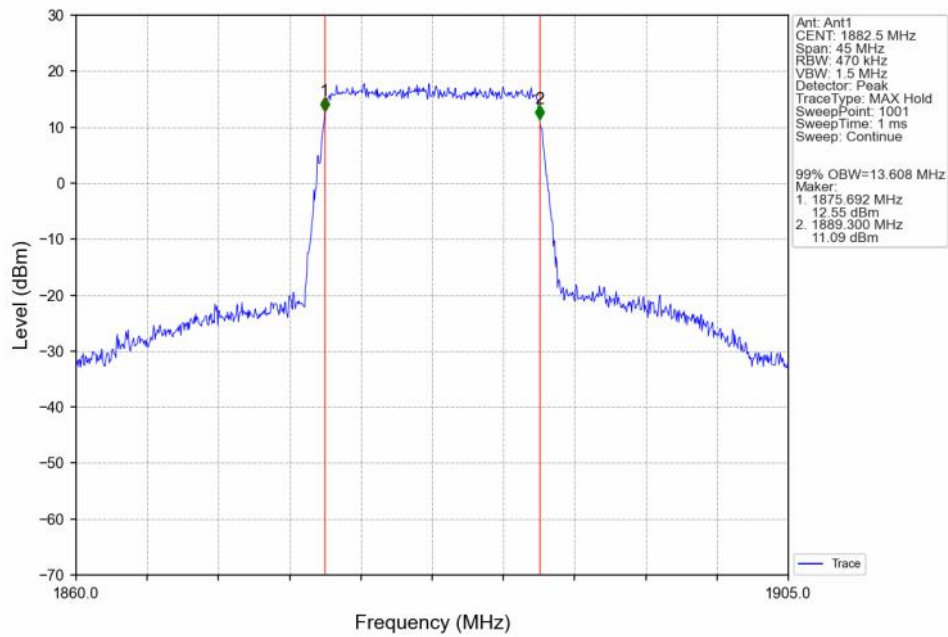
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



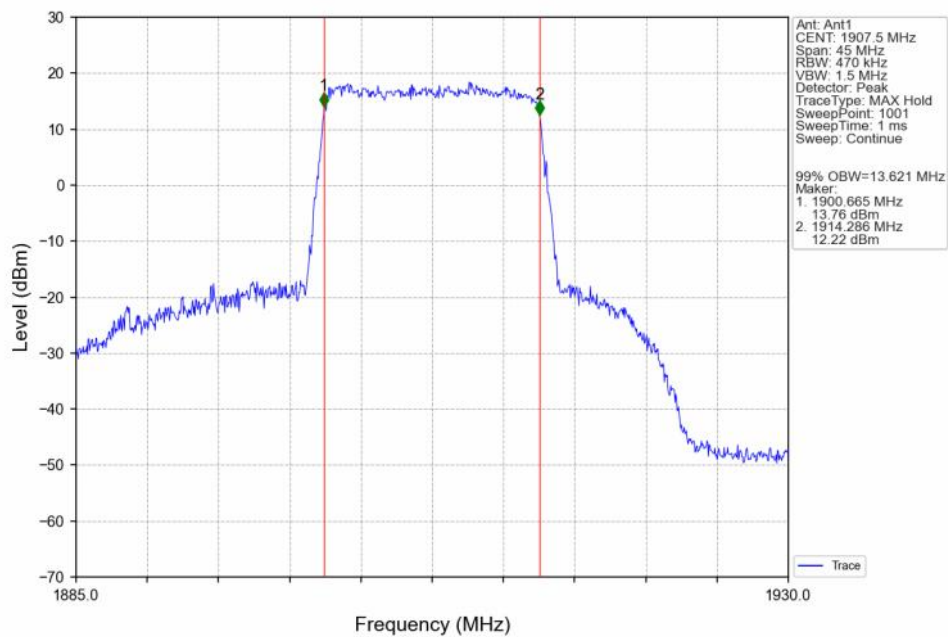
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



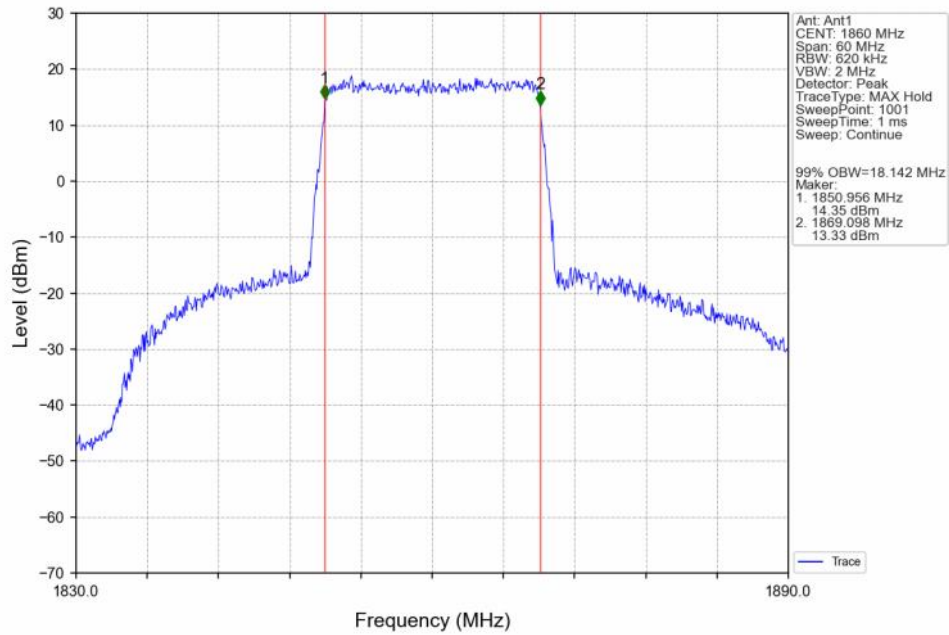
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



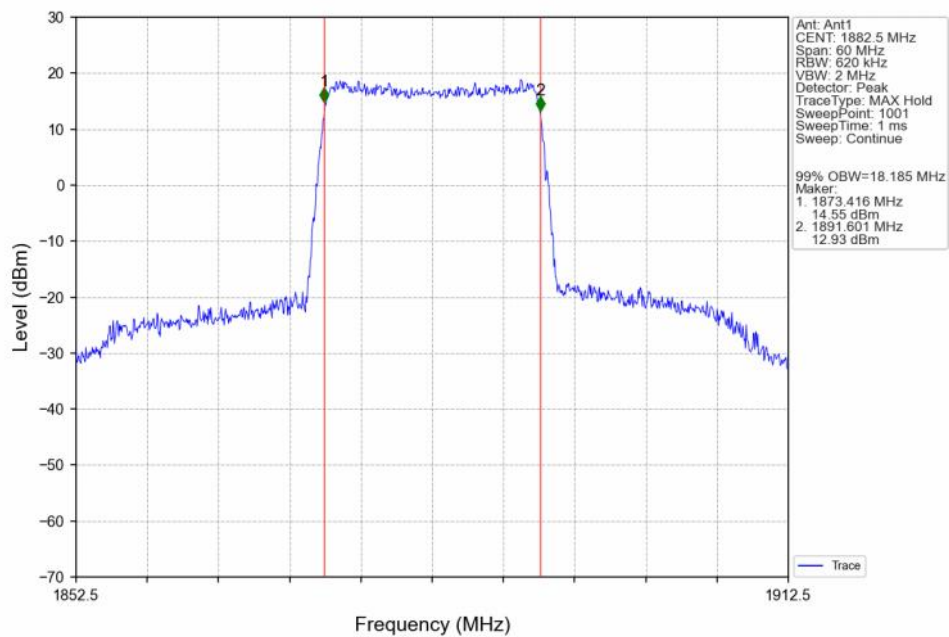
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



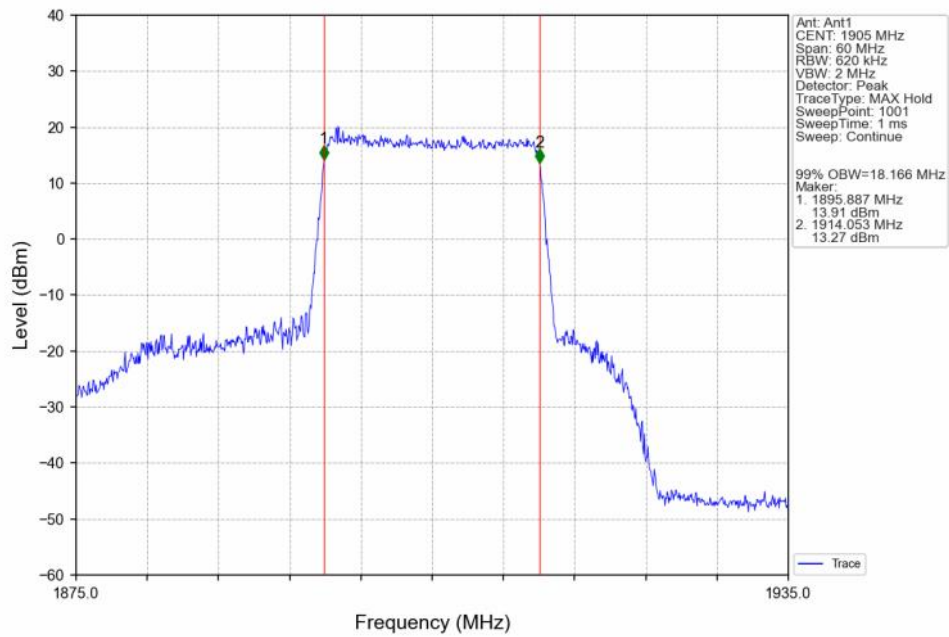
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



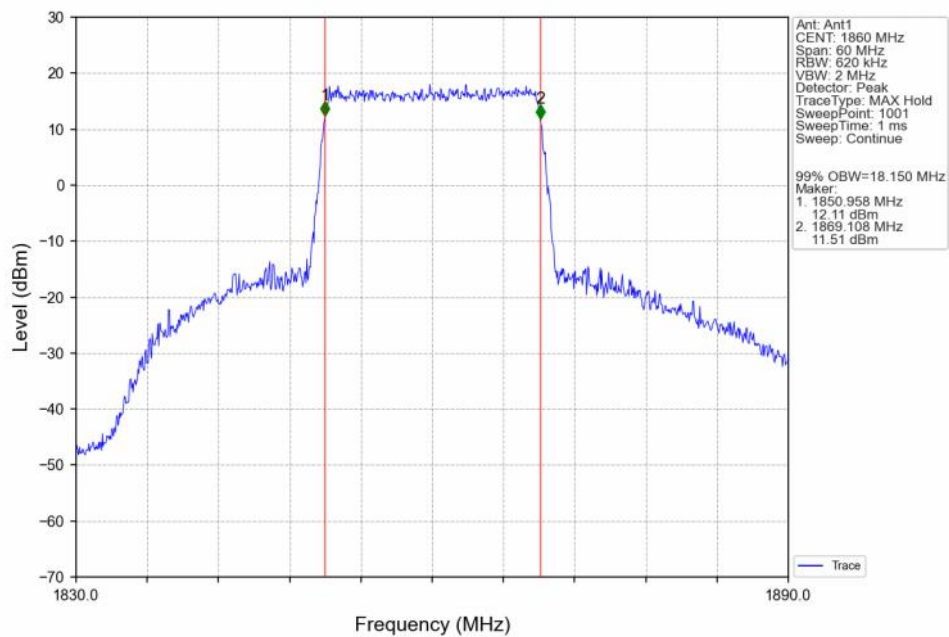
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



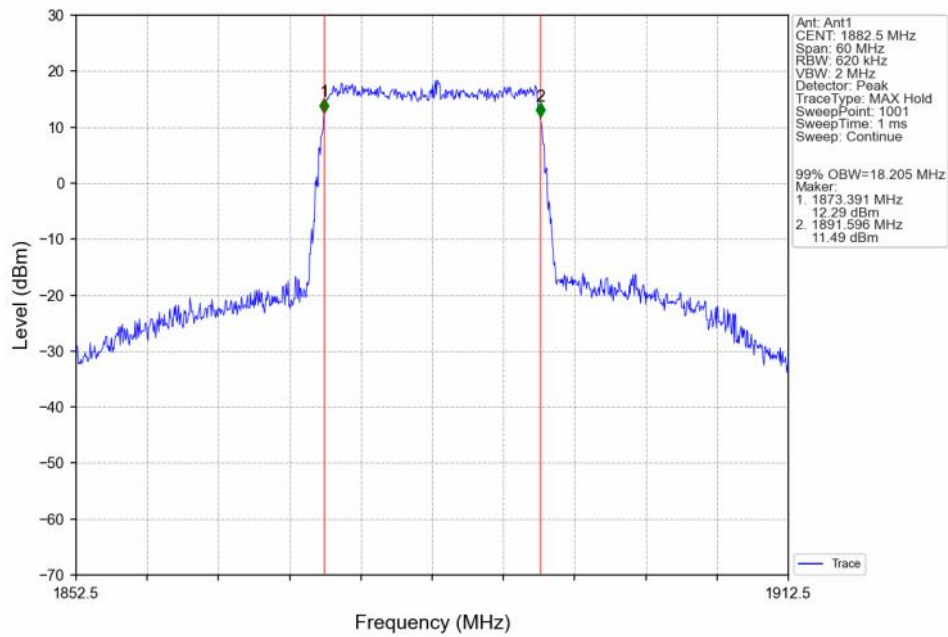
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



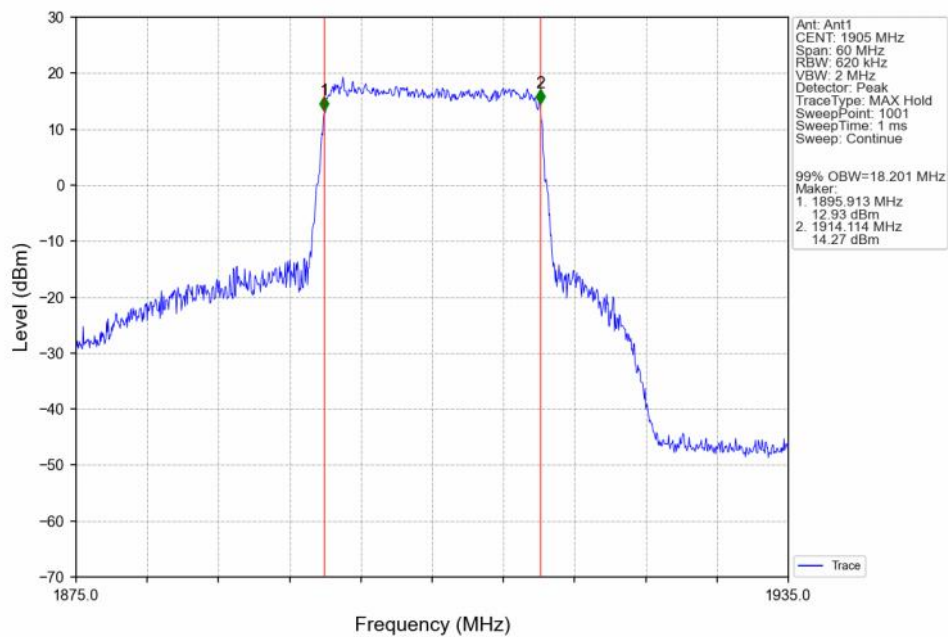
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



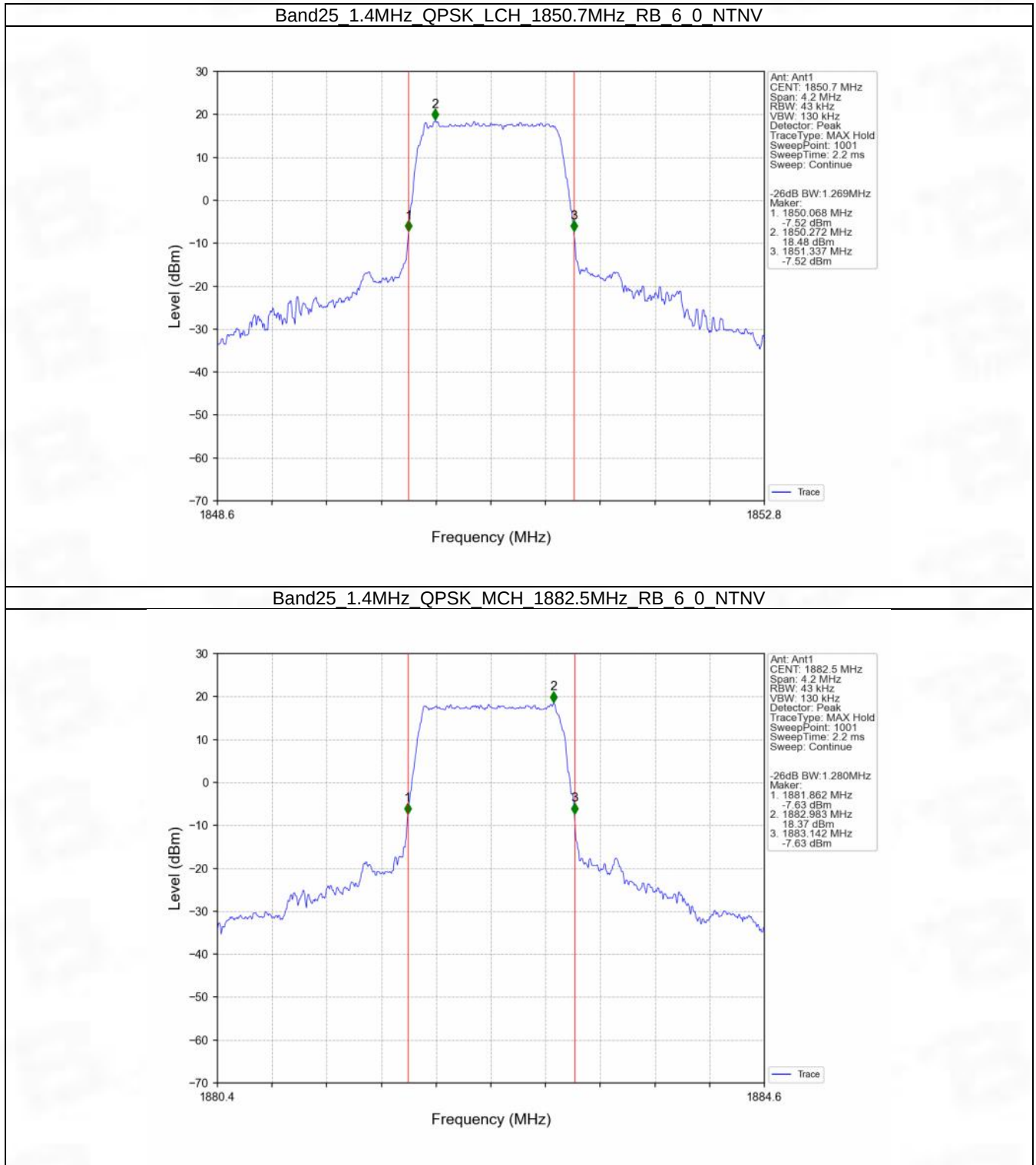
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



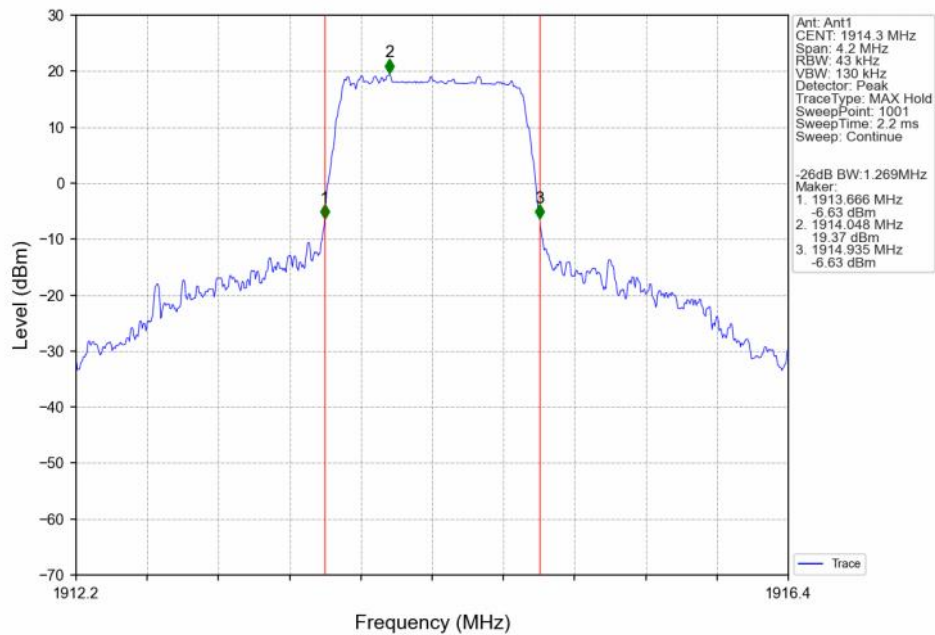
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



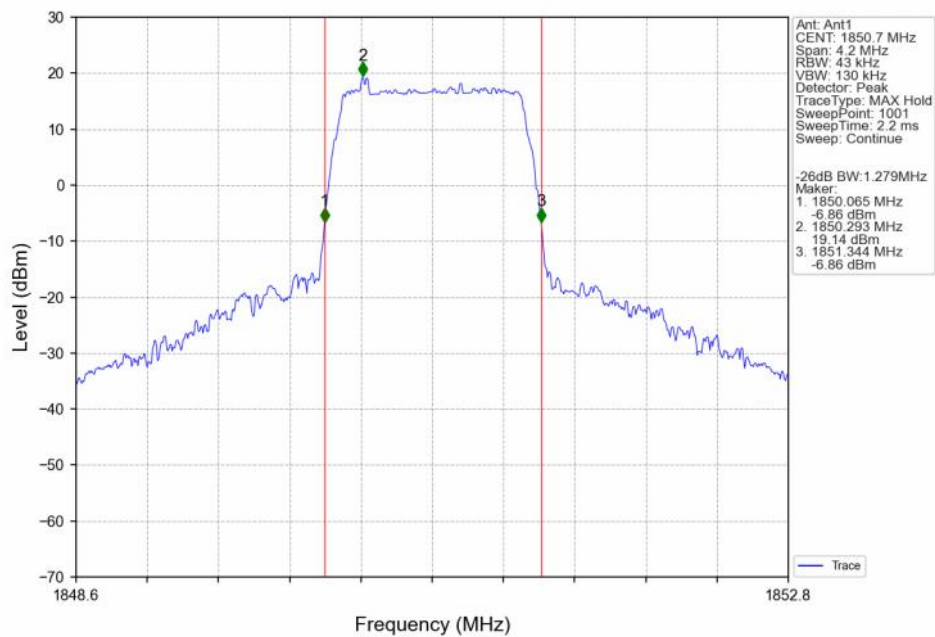
4.2.2 Band25_XDB



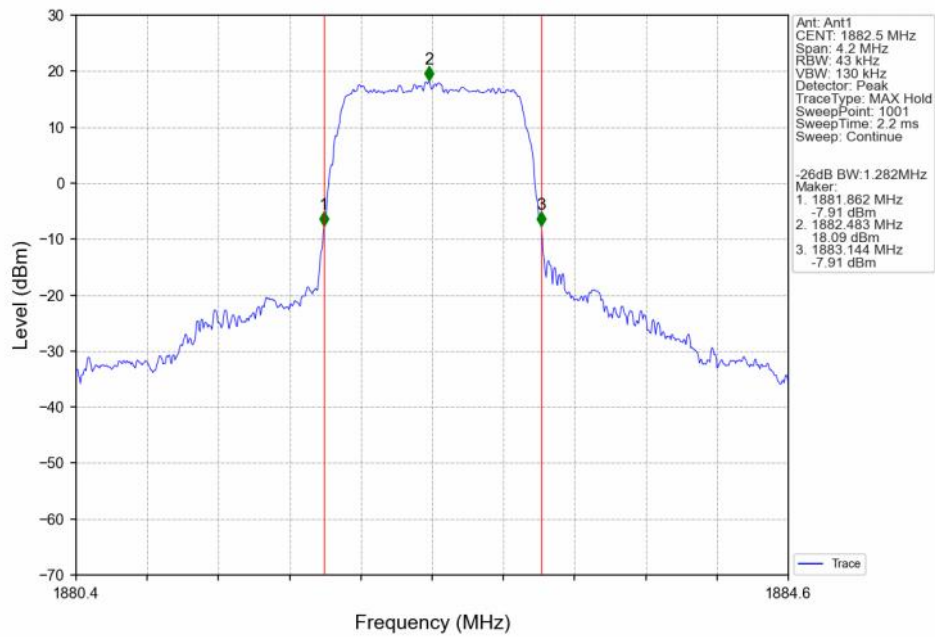
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



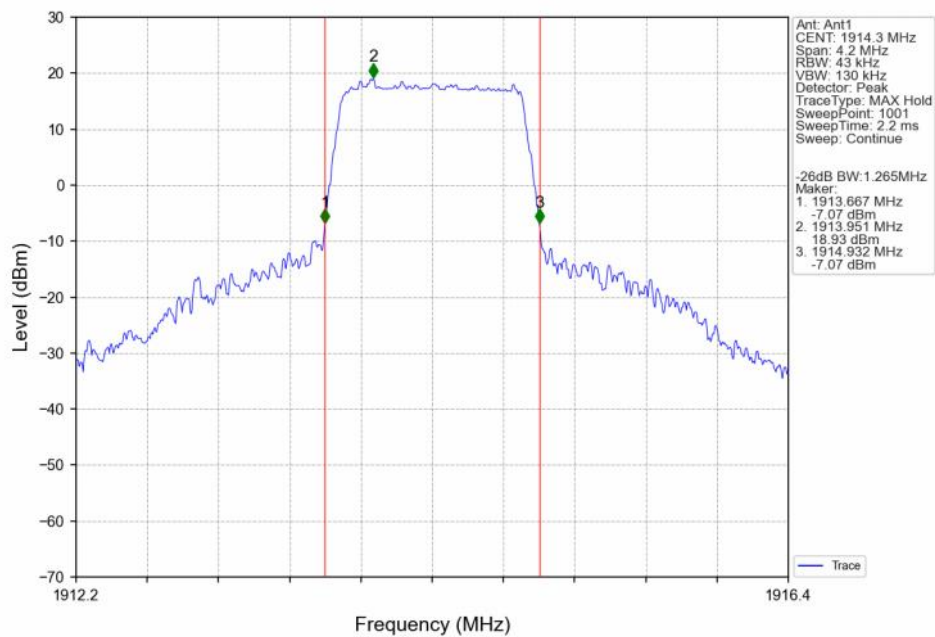
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



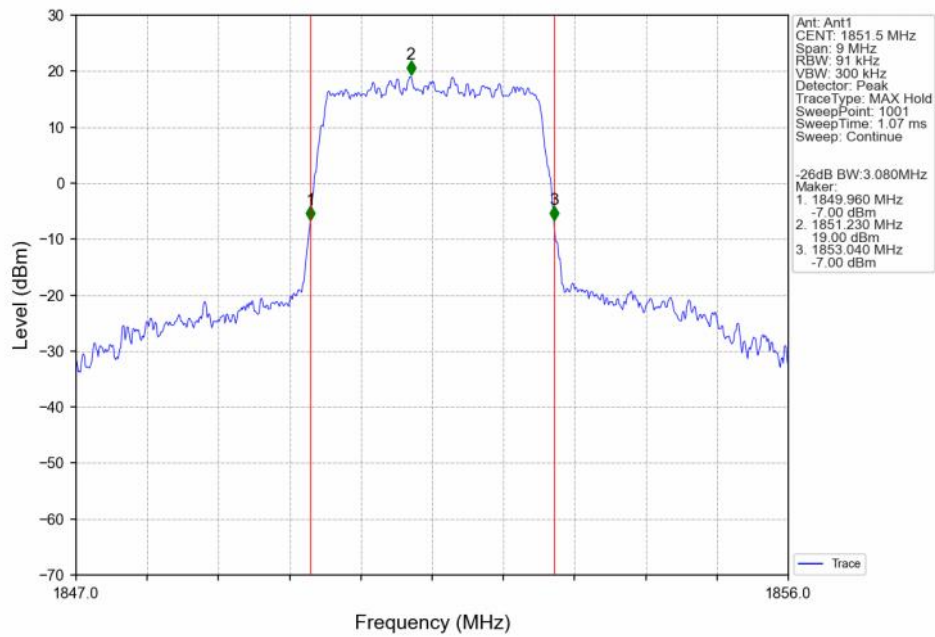
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



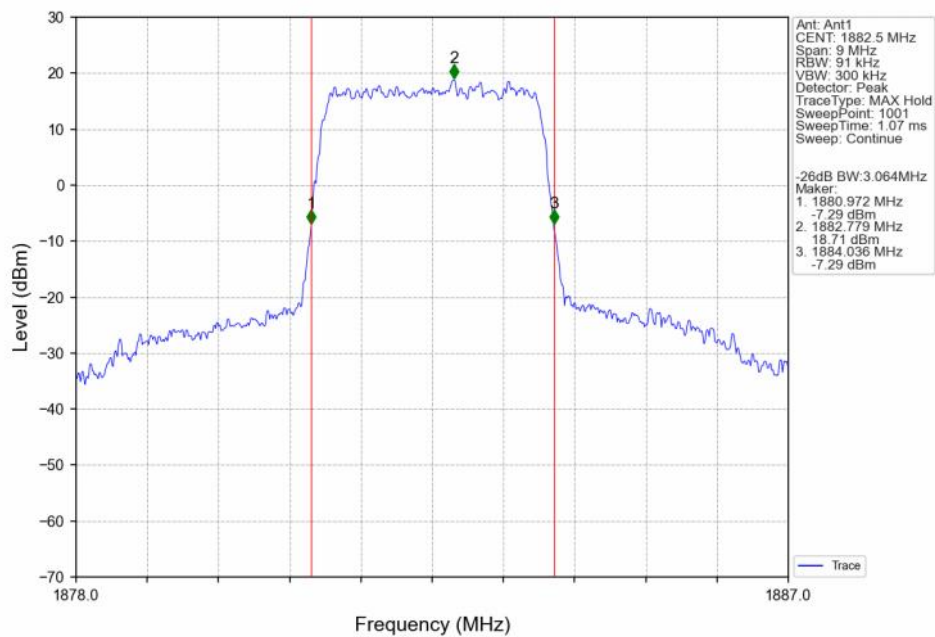
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



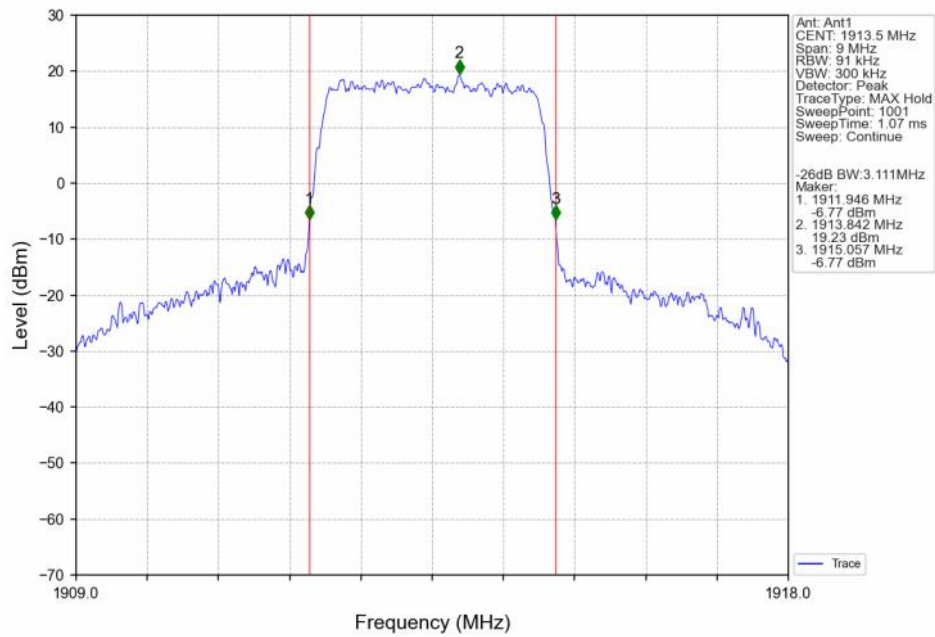
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



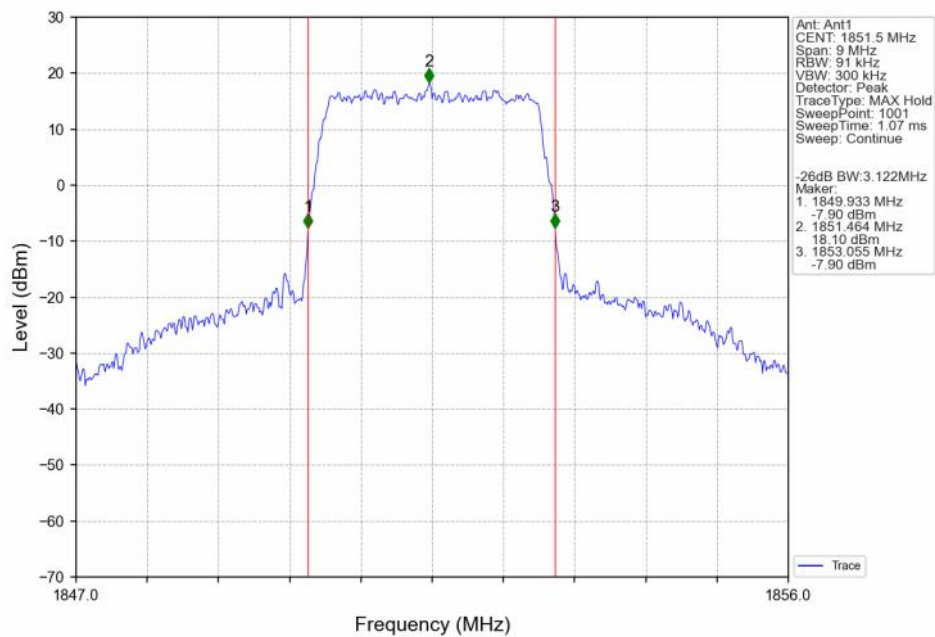
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



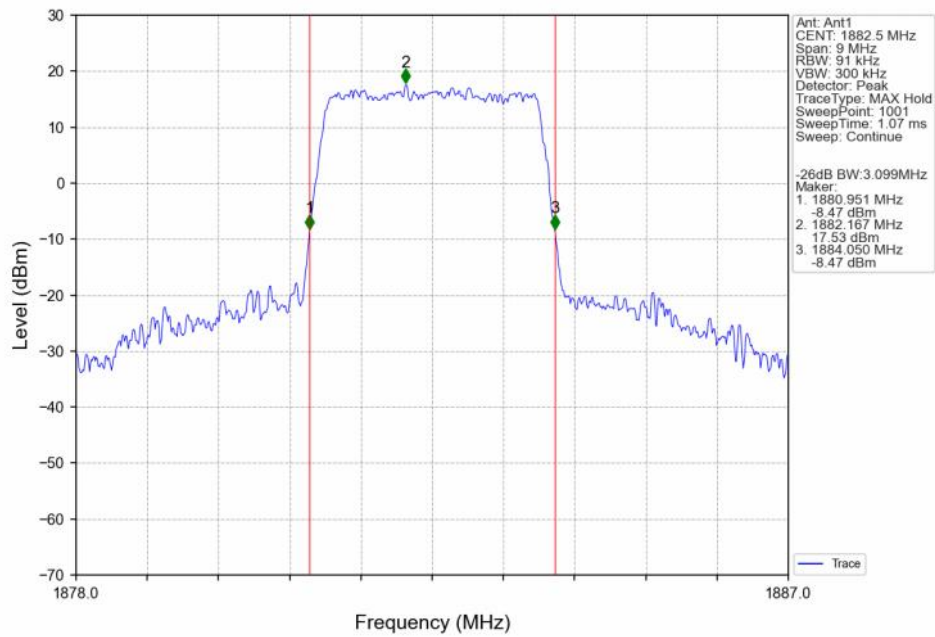
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



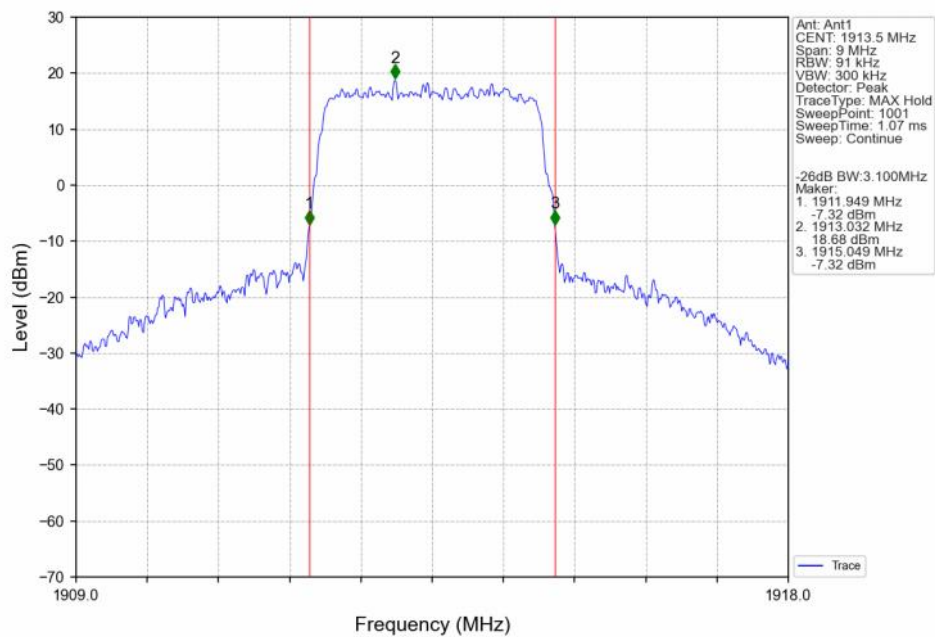
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



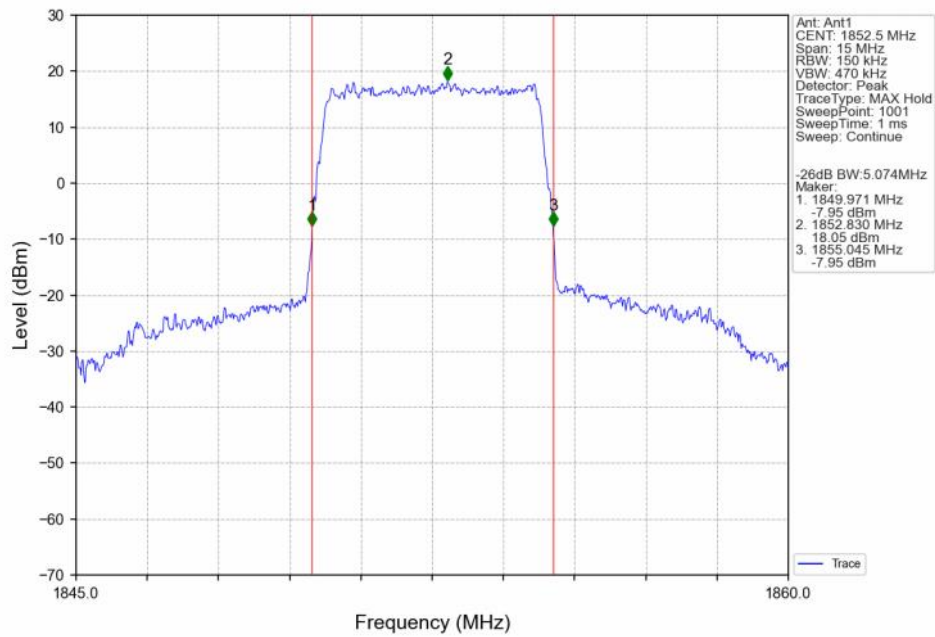
Band25 3MHz 16QAM MCH 1882.5MHz_RB_15_0_NTNV



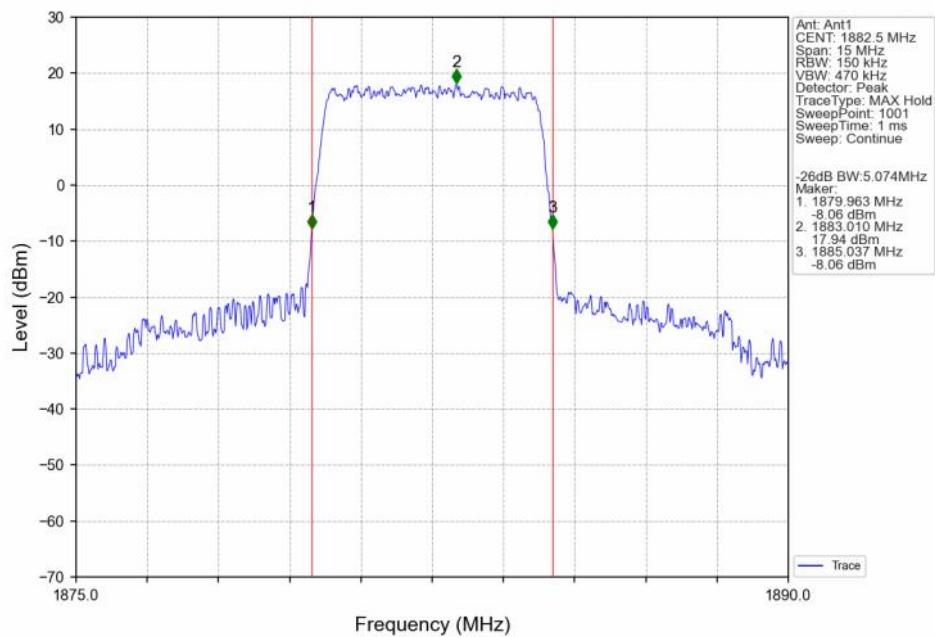
Band25 3MHz 16QAM HCH 1913.5MHz_RB_15_0_NTNV



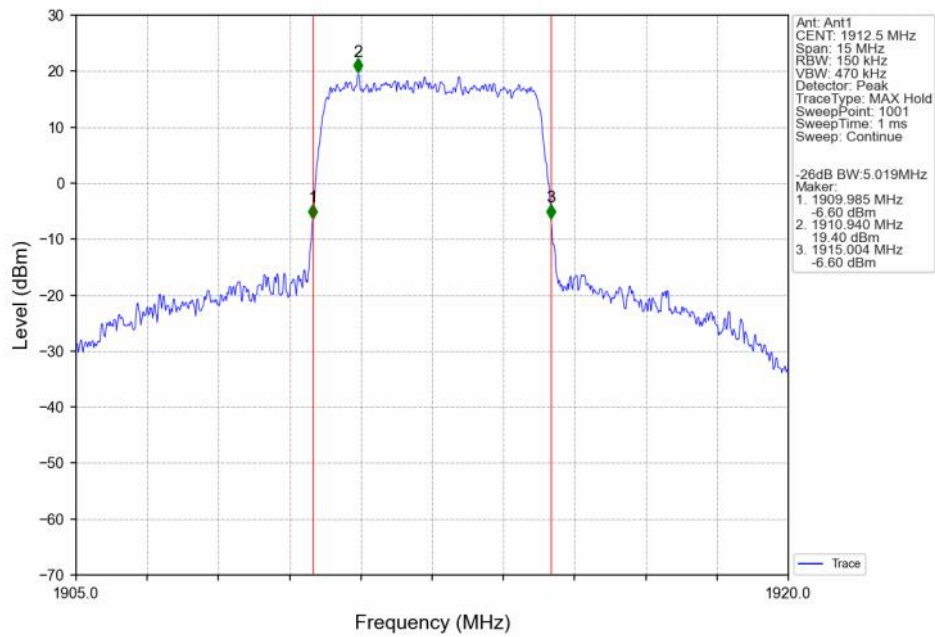
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



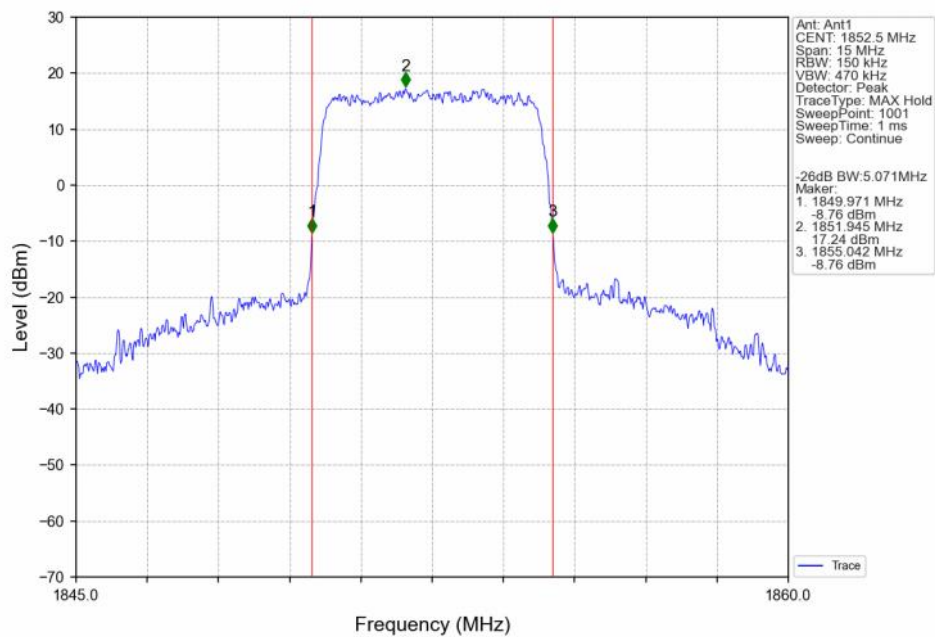
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



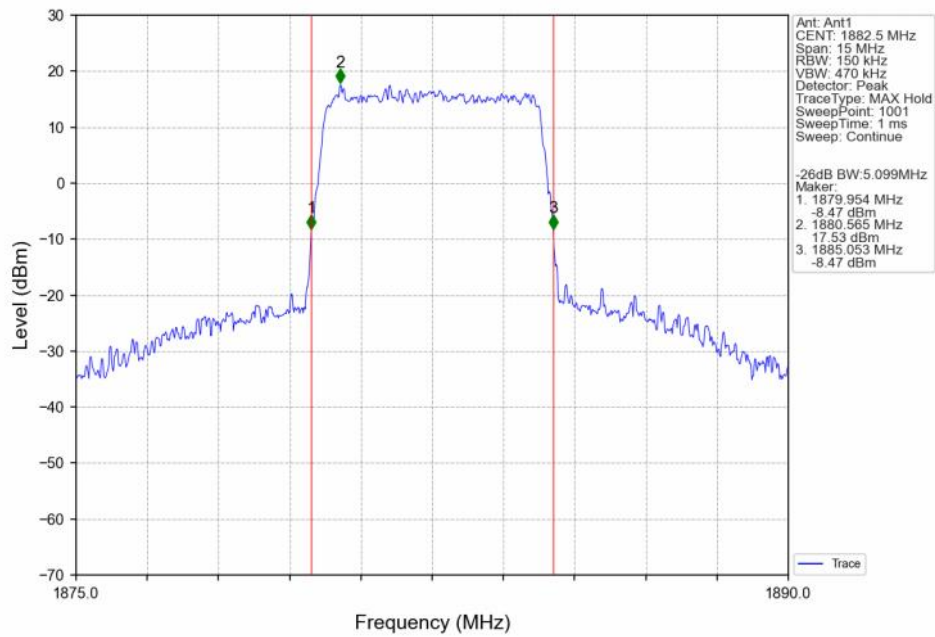
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



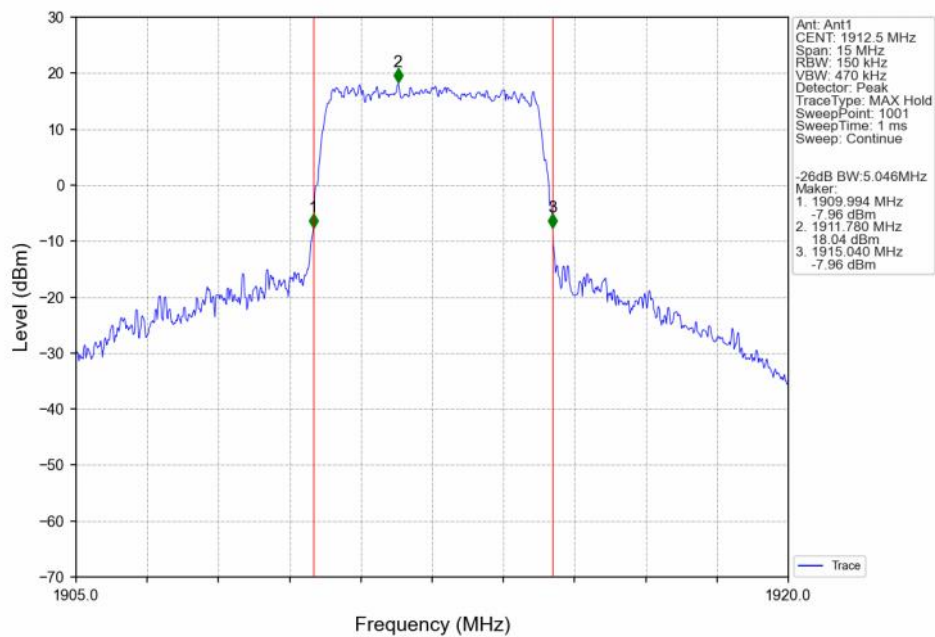
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



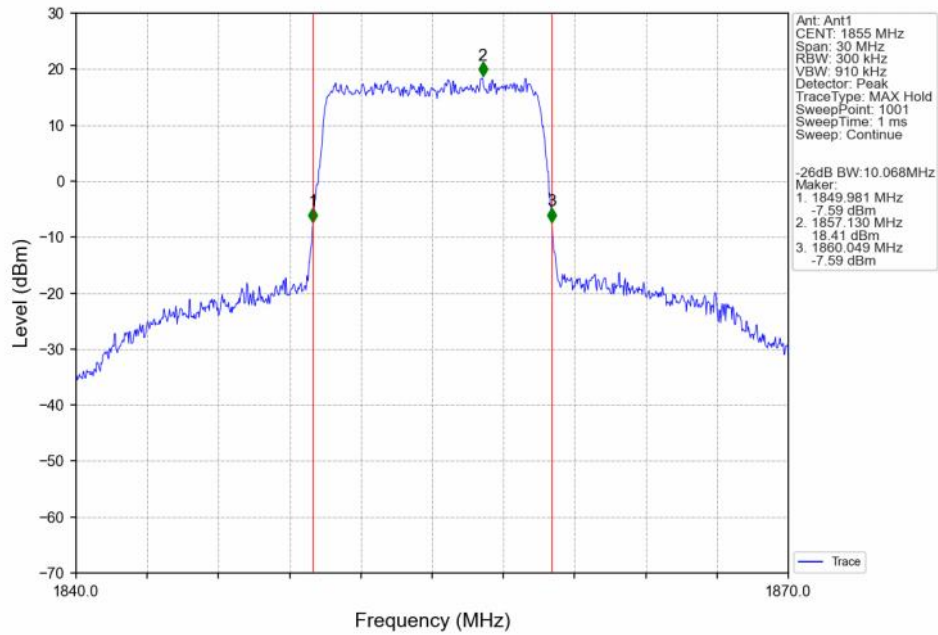
Band25 5MHz 16QAM MCH 1882.5MHz_RB_25_0_NTNV



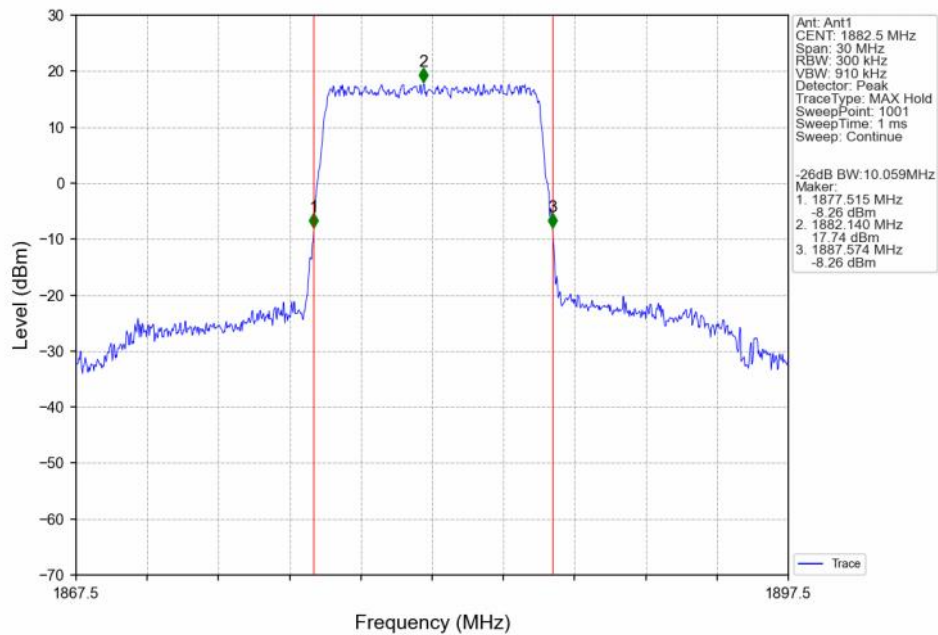
Band25 5MHz 16QAM HCH 1912.5MHz_RB_25_0_NTNV



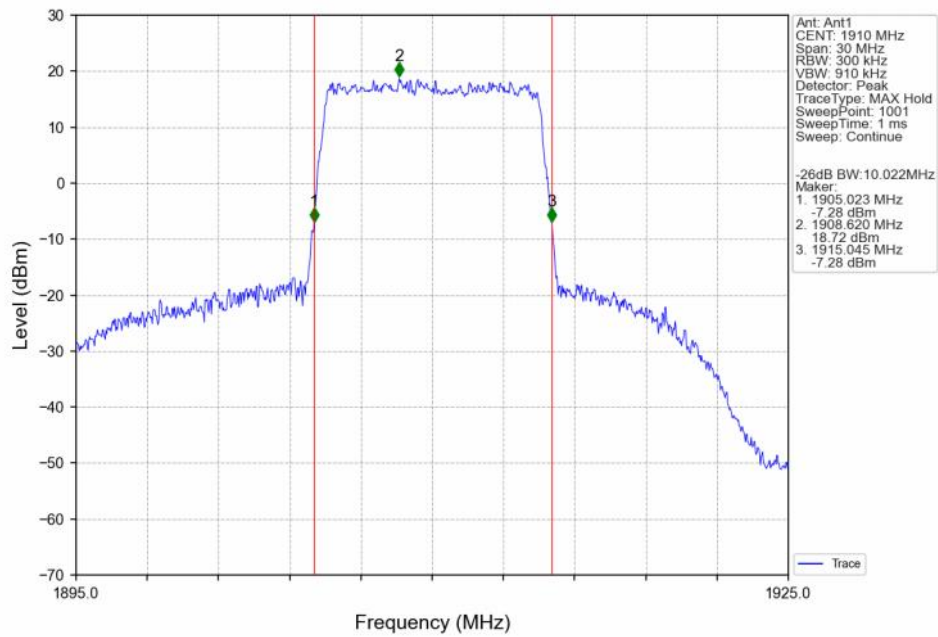
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



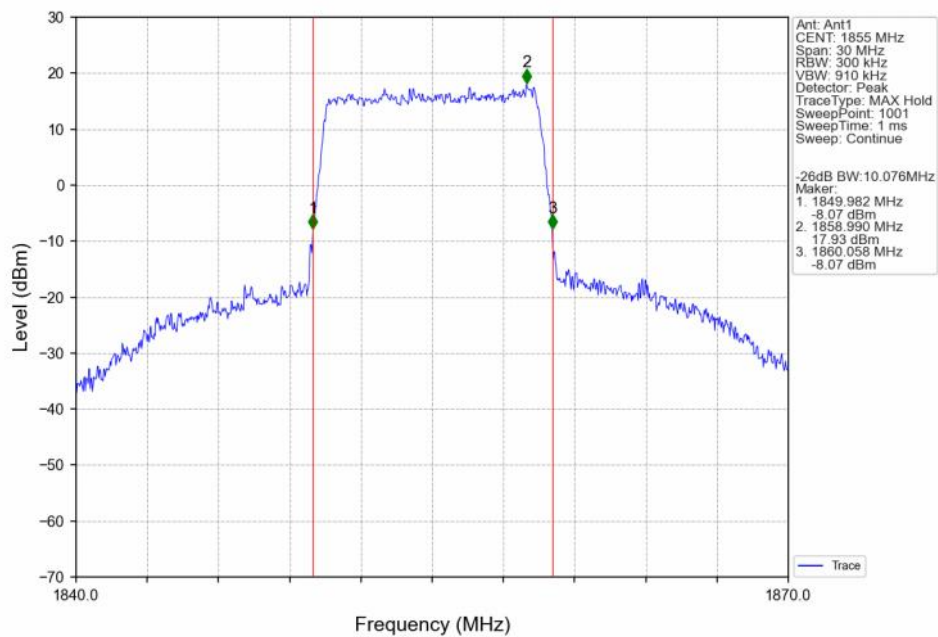
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



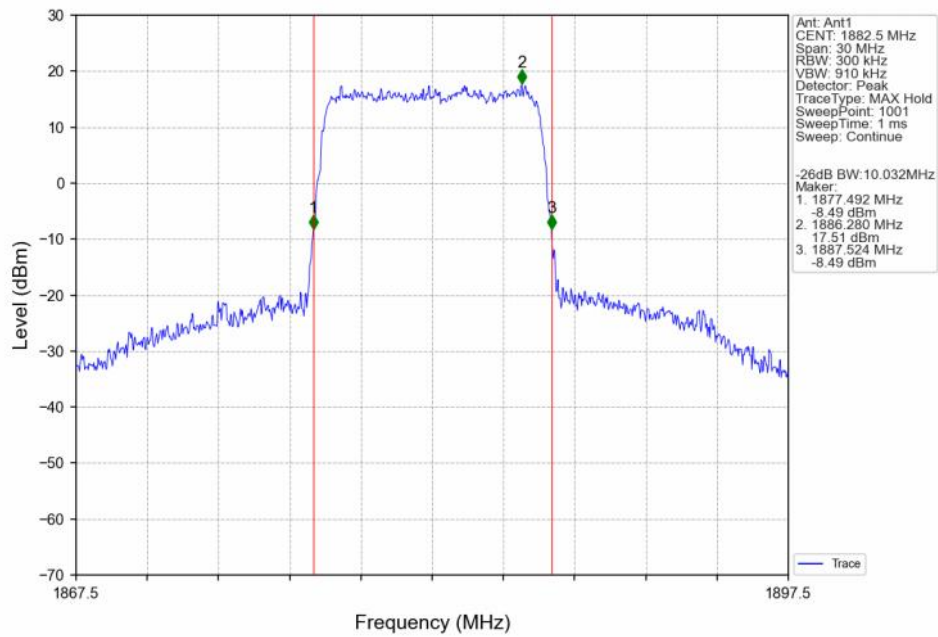
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



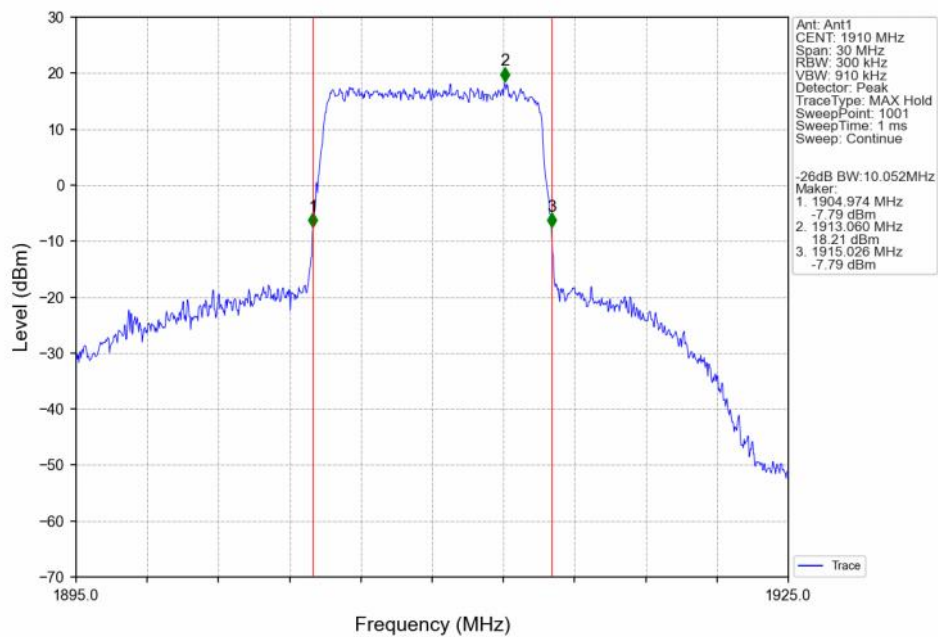
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



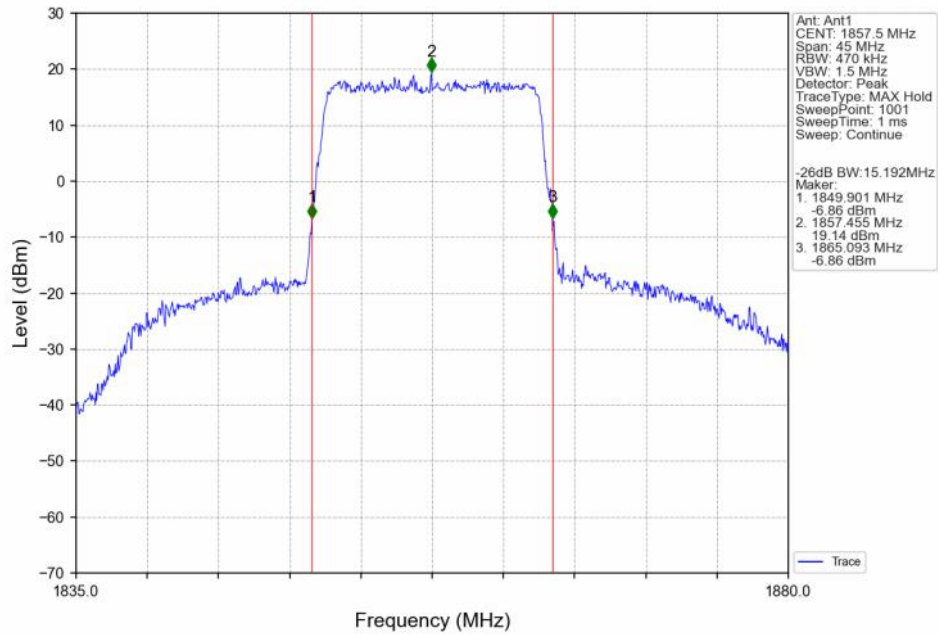
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



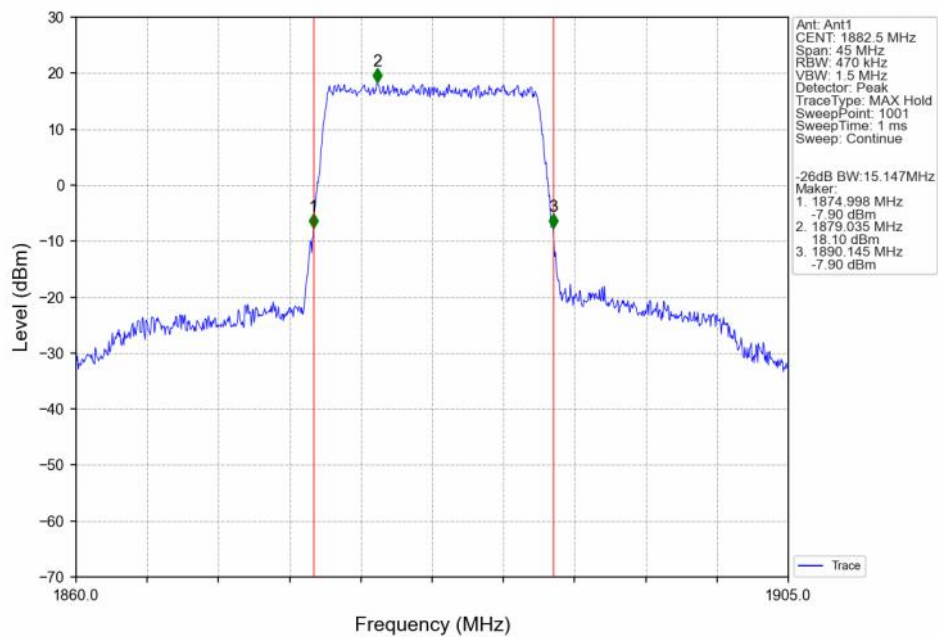
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



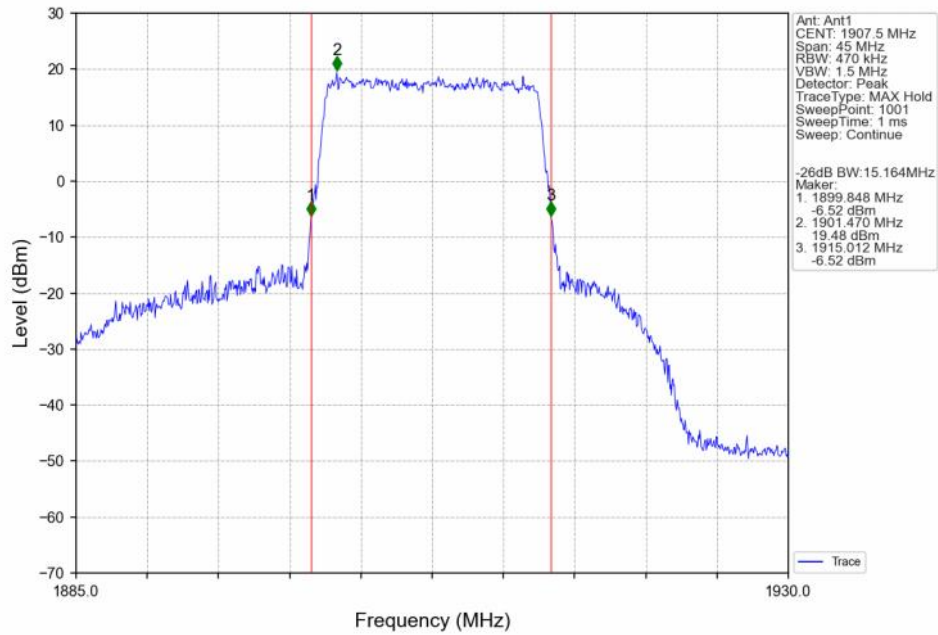
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



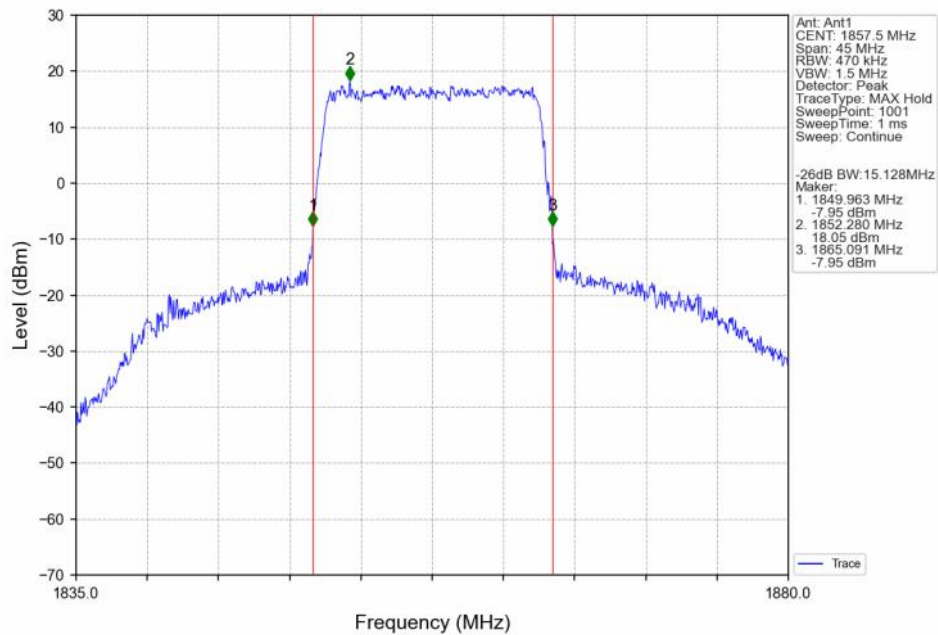
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



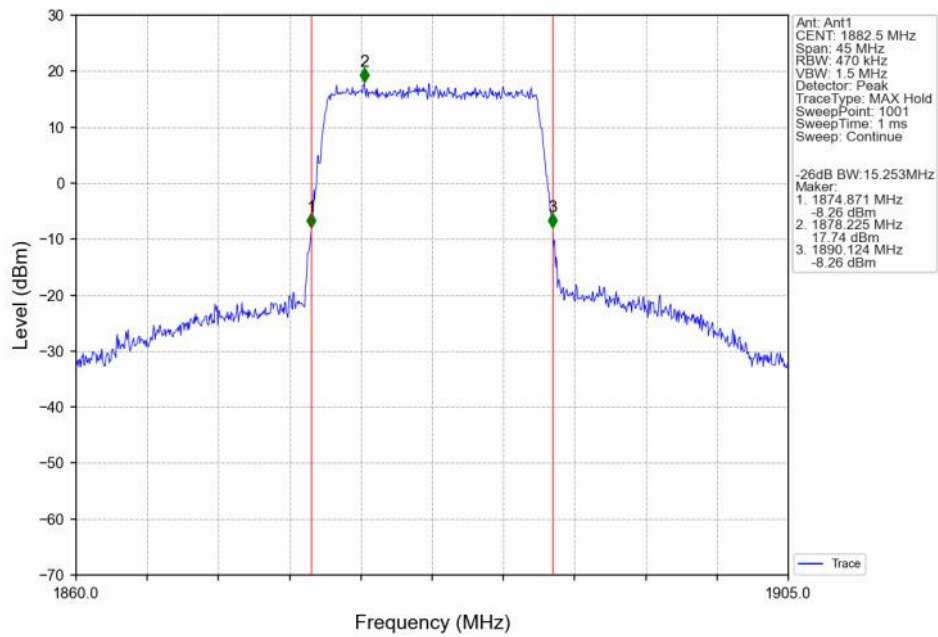
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



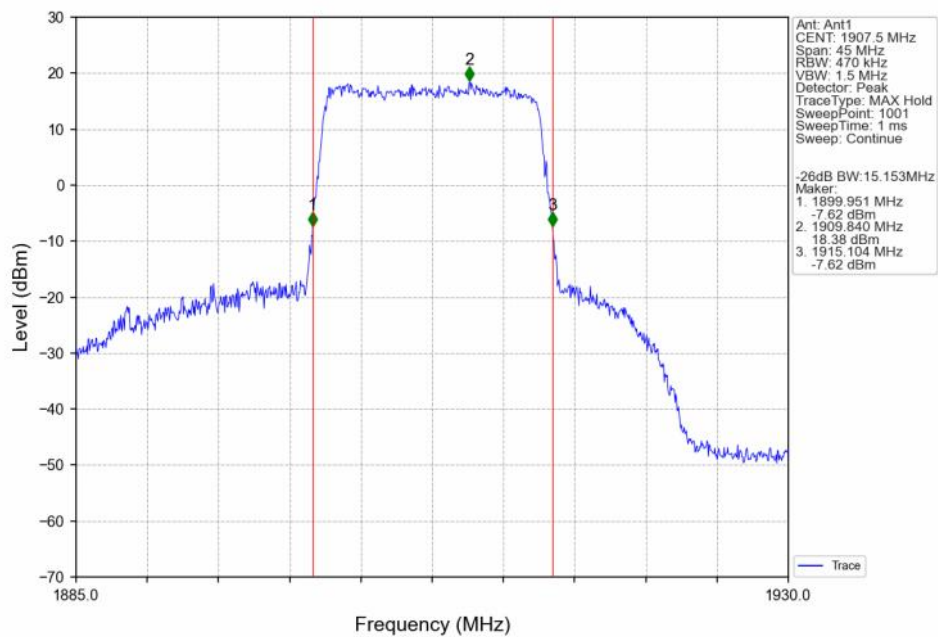
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



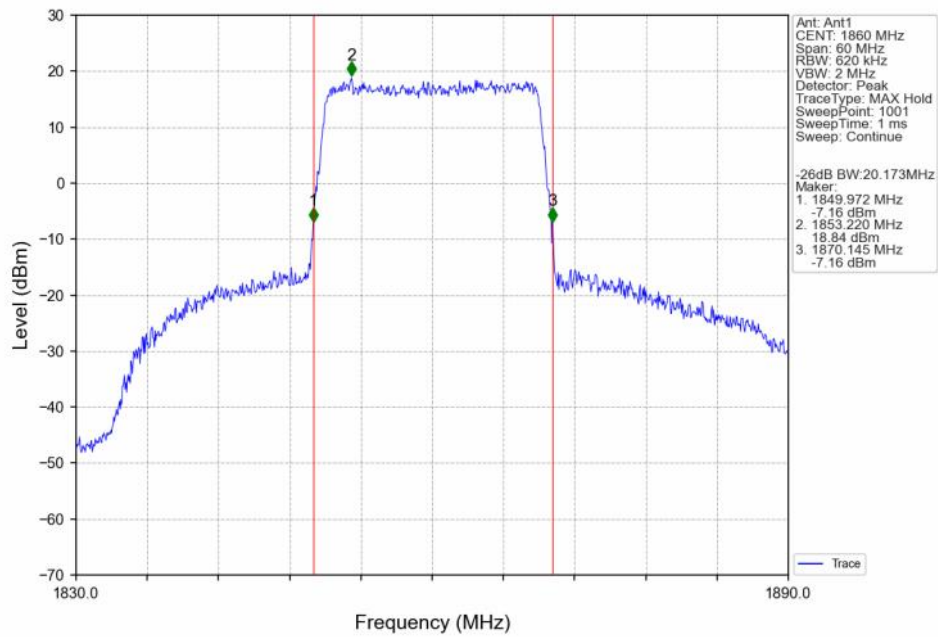
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



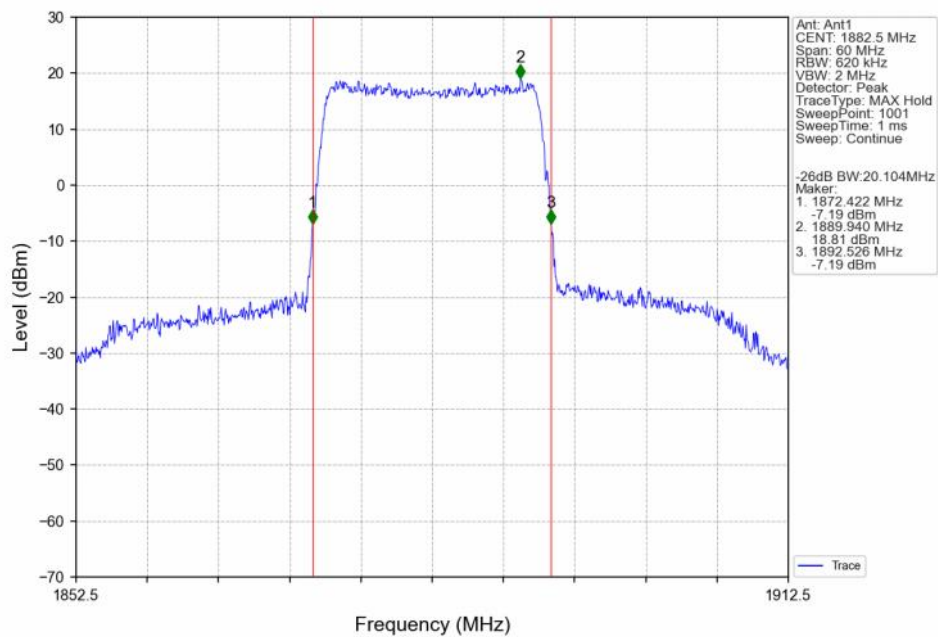
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



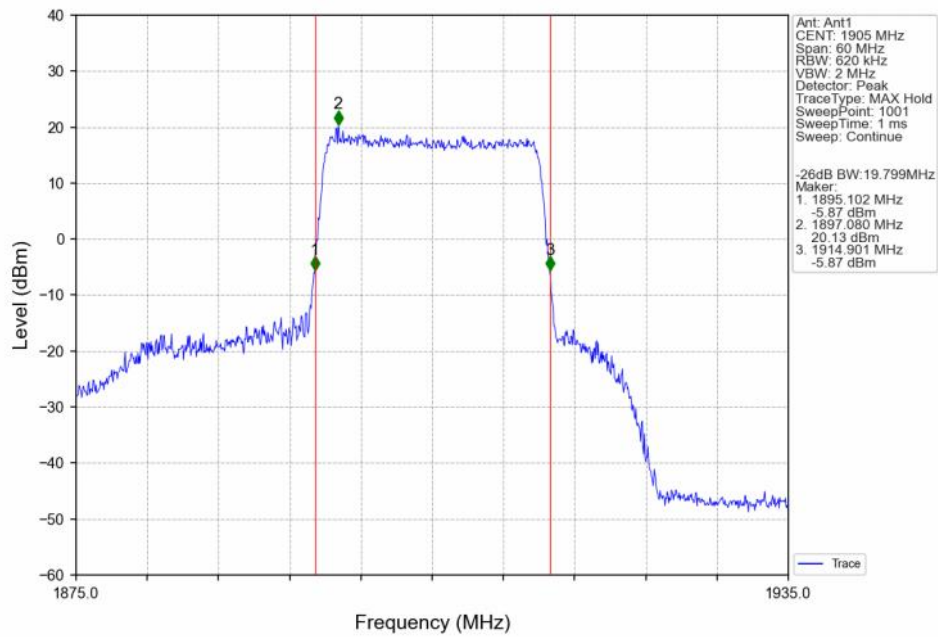
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



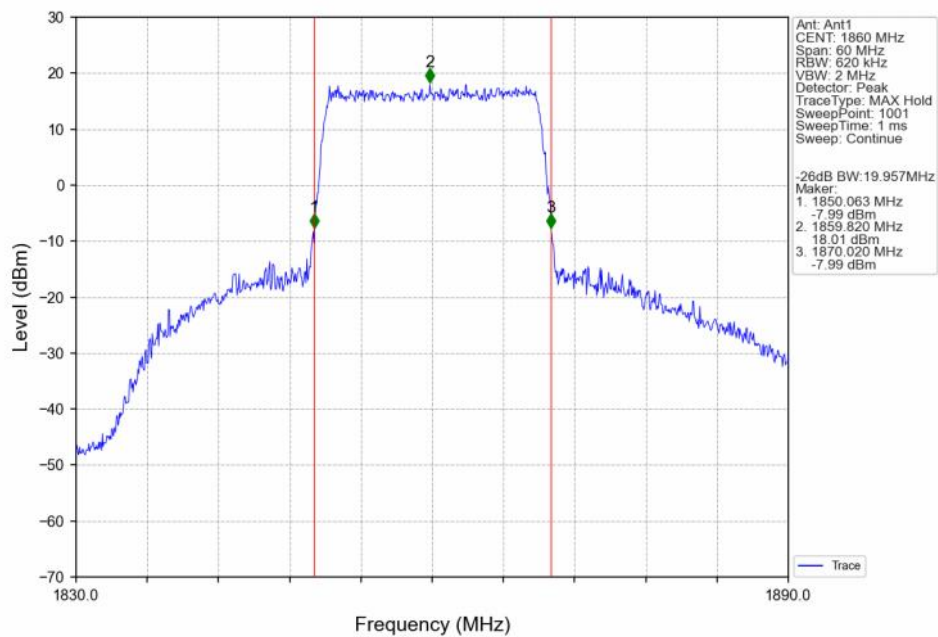
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

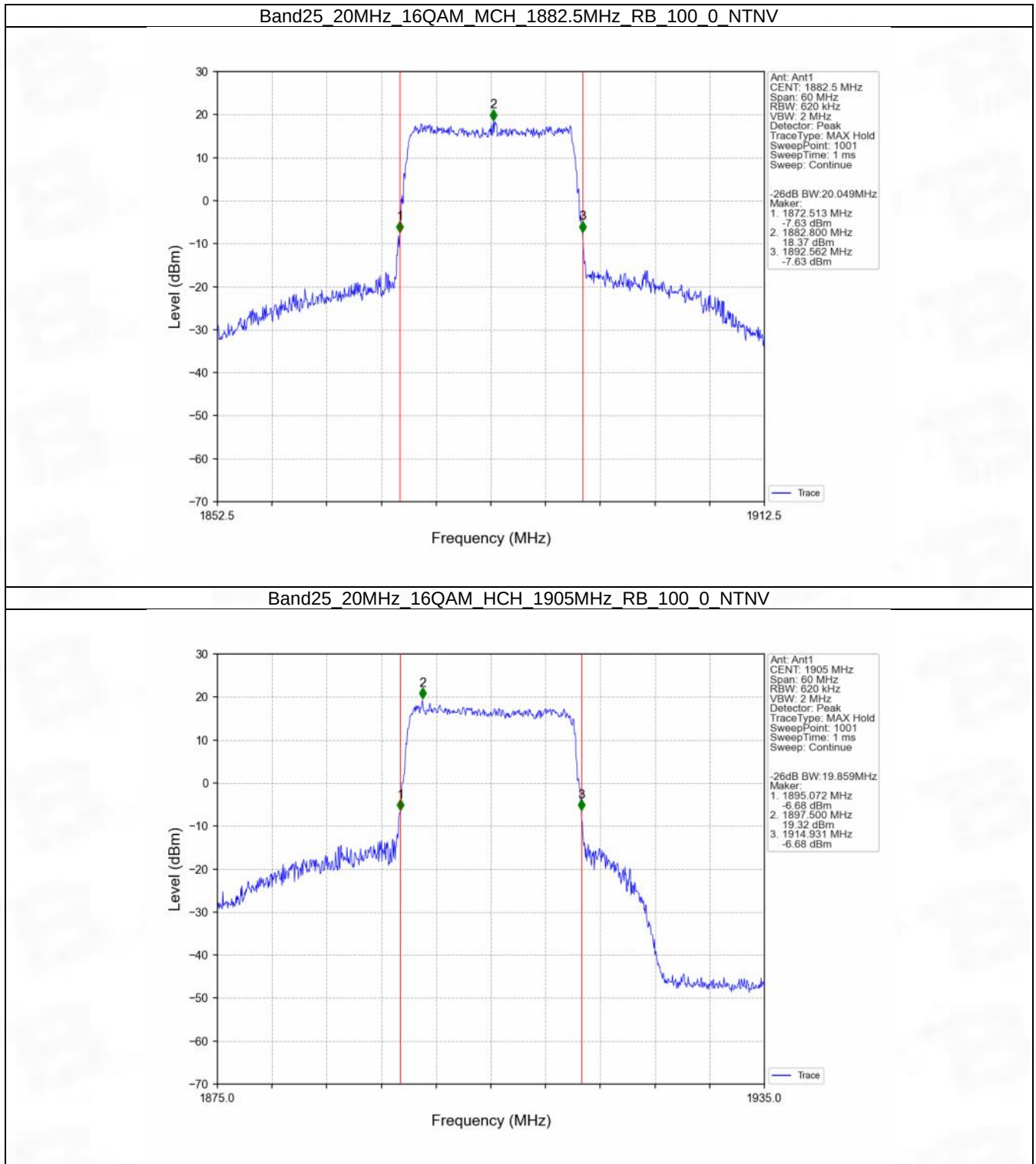


Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV





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	5.22	≤ 13	Pass
	1882.5	6	0	5.16	≤ 13	Pass
	1914.3	6	0	4.32	≤ 13	Pass
16QAM	1850.7	6	0	5.93	≤ 13	Pass
	1882.5	6	0	6.02	≤ 13	Pass
	1914.3	6	0	5.13	≤ 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	5.20	≤ 13	Pass
	1882.5	15	0	5.24	≤ 13	Pass
	1913.5	15	0	4.57	≤ 13	Pass
16QAM	1851.5	15	0	5.97	≤ 13	Pass
	1882.5	15	0	6.05	≤ 13	Pass
	1913.5	15	0	5.41	≤ 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	5.25	≤ 13	Pass
	1882.5	25	0	5.39	≤ 13	Pass
	1912.5	25	0	4.99	≤ 13	Pass
16QAM	1852.5	25	0	5.97	≤ 13	Pass
	1882.5	25	0	6.14	≤ 13	Pass
	1912.5	25	0	5.69	≤ 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	5.14	≤ 13	Pass
	1882.5	50	0	5.39	≤ 13	Pass
	1910	50	0	5.16	≤ 13	Pass
16QAM	1855	50	0	5.86	≤ 13	Pass
	1882.5	50	0	6.15	≤ 13	Pass
	1910	50	0	5.88	≤ 13	Pass

5.1.5 B25_15MHz

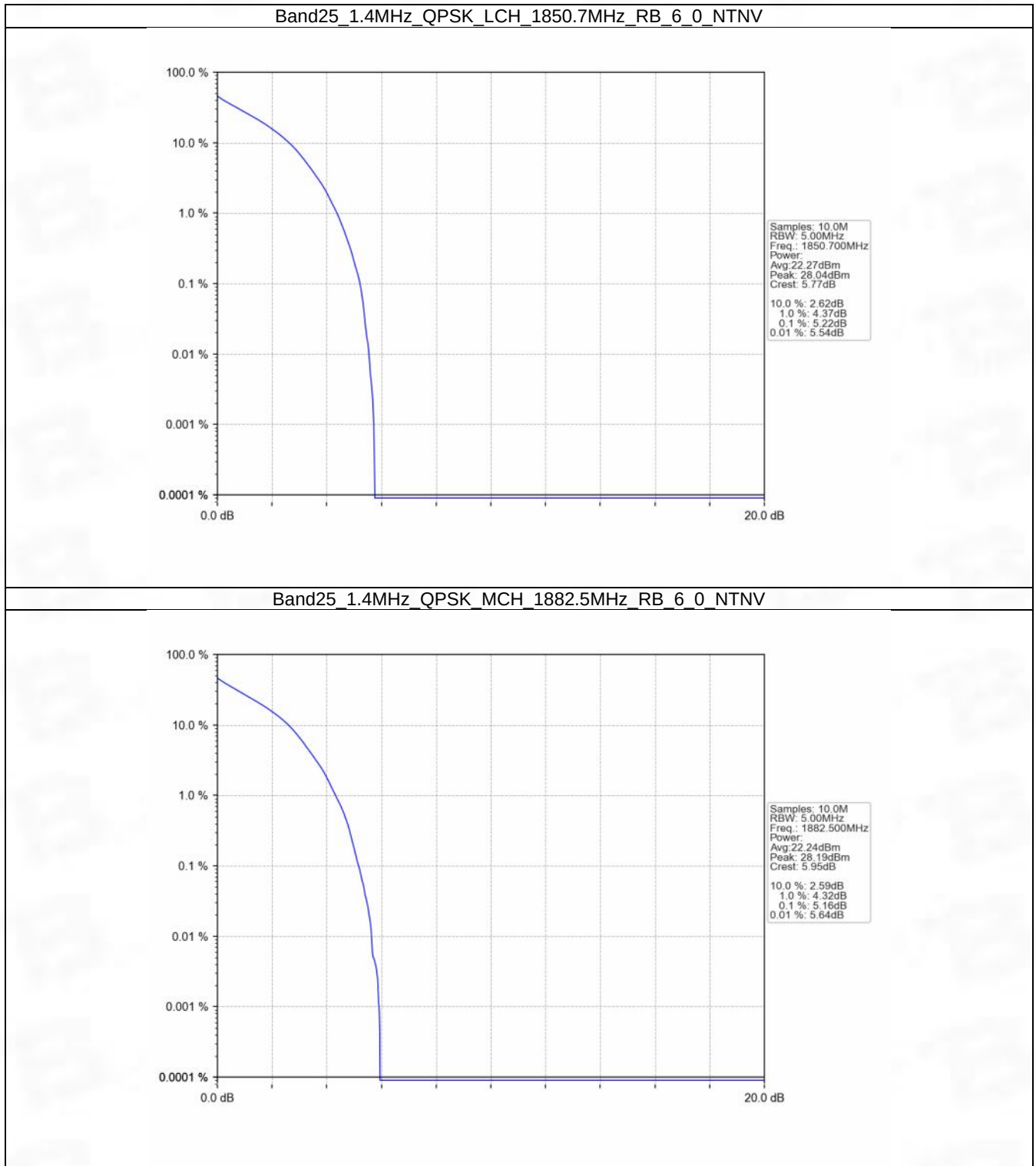
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.83	<=13	Pass
	1882.5	75	0	4.84	<=13	Pass
	1907.5	75	0	4.87	<=13	Pass
16QAM	1857.5	75	0	6.06	<=13	Pass
	1882.5	75	0	6.09	<=13	Pass
	1907.5	75	0	6.12	<=13	Pass

5.1.6 B25_20MHz

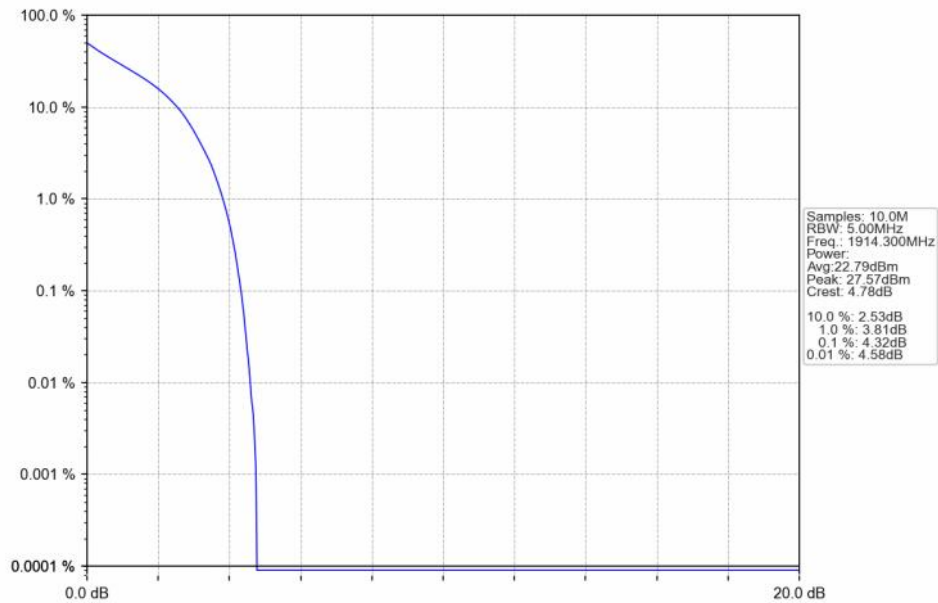
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	8.90	<=13	Pass
	1882.5	100	0	5.62	<=13	Pass
	1905	100	0	5.69	<=13	Pass
16QAM	1860	100	0	6.66	<=13	Pass
	1882.5	100	0	6.72	<=13	Pass
	1905	100	0	6.72	<=13	Pass

5.2 Test Graph

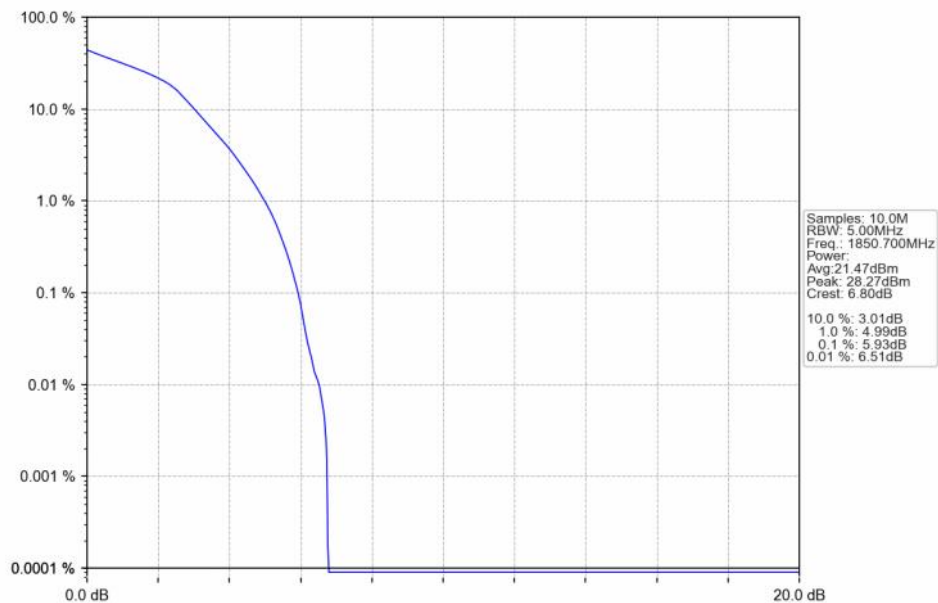
5.2.1 B25_1.4MHz



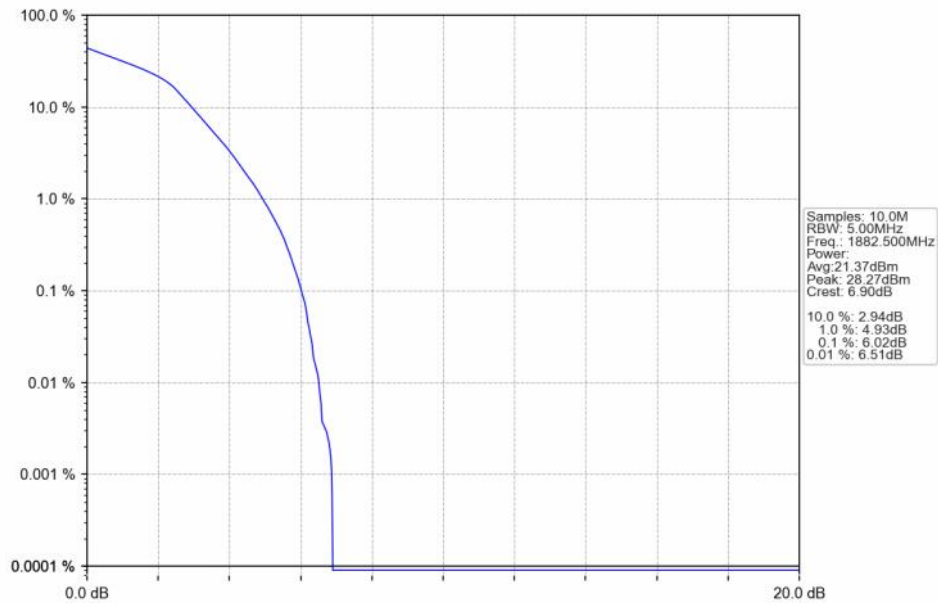
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



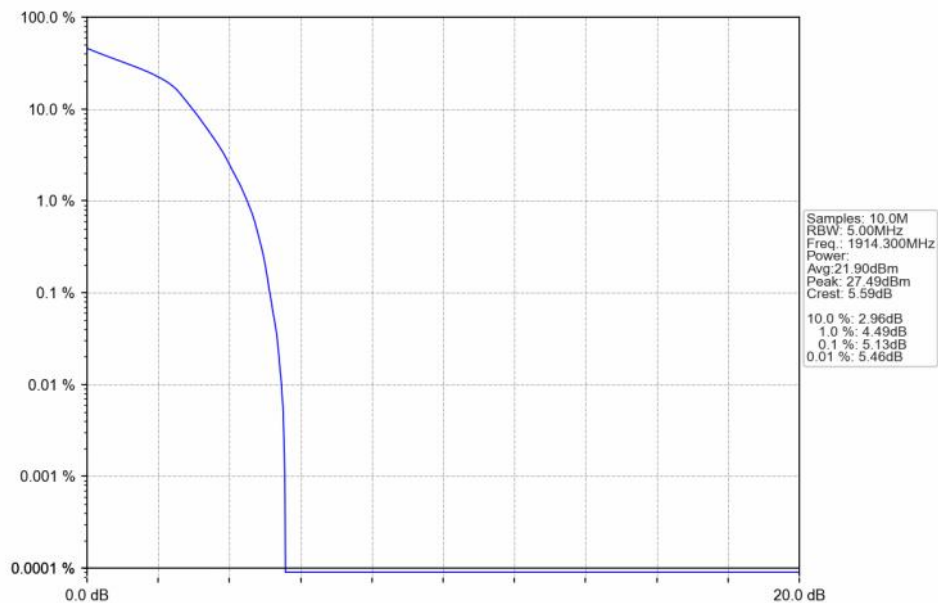
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



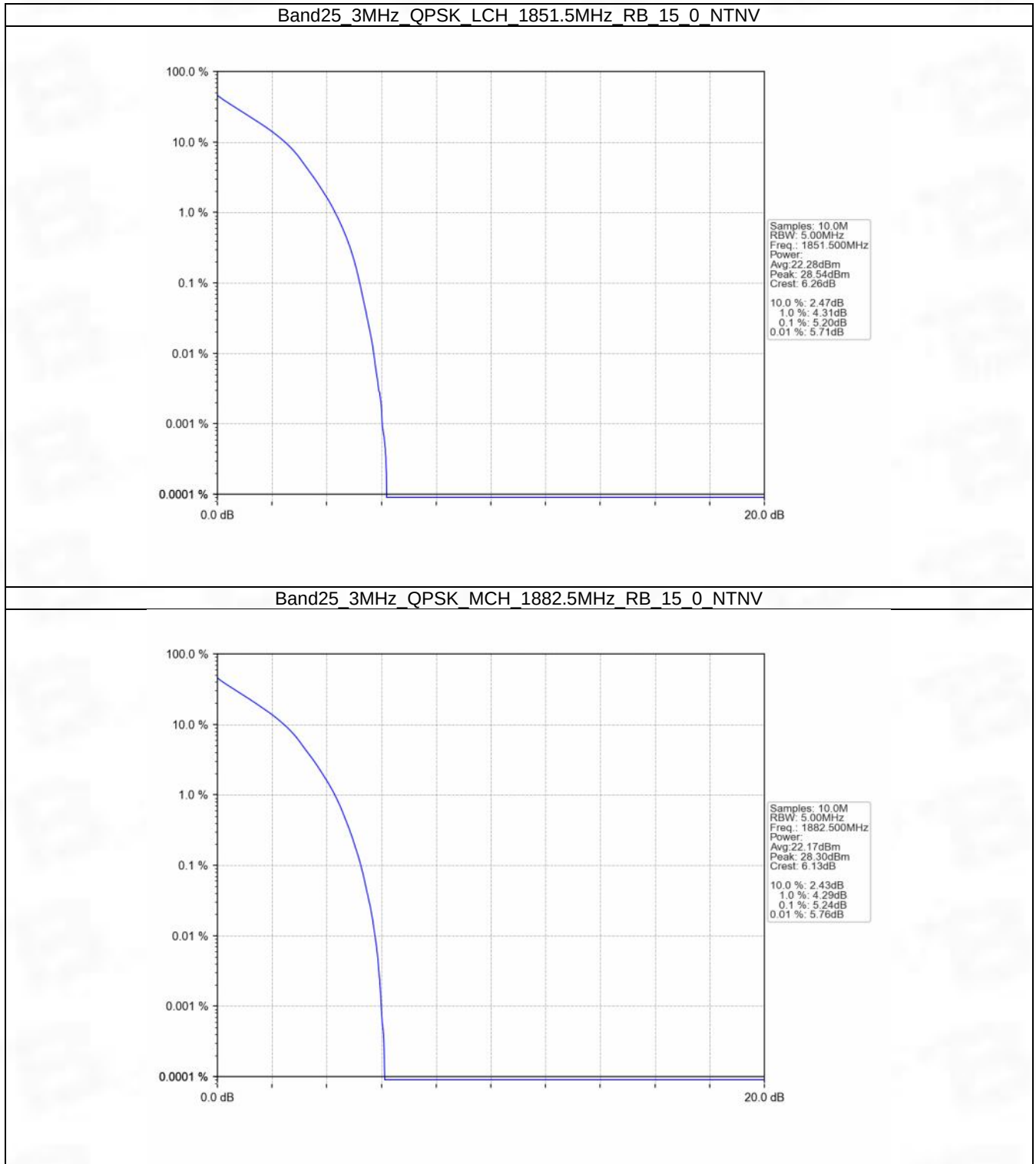
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



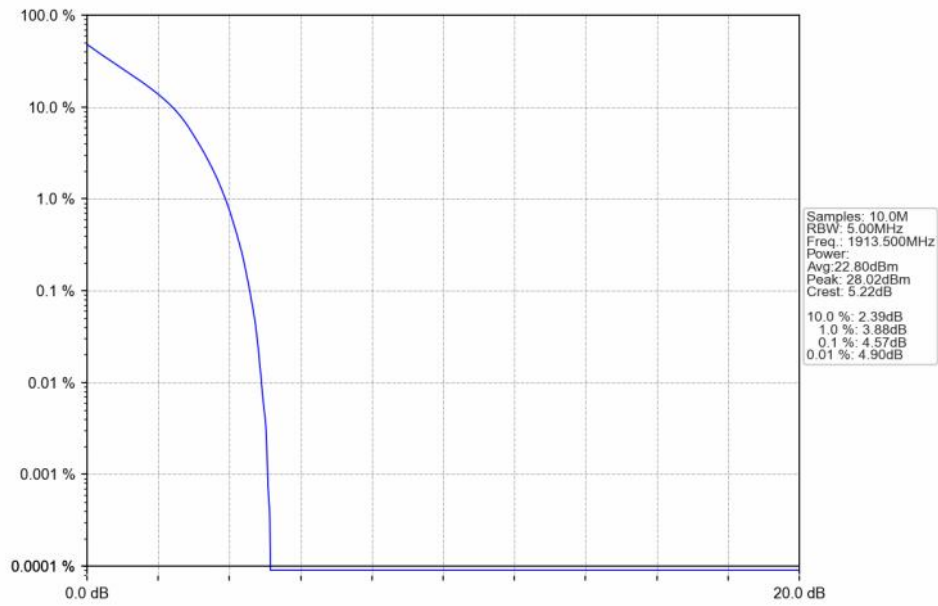
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



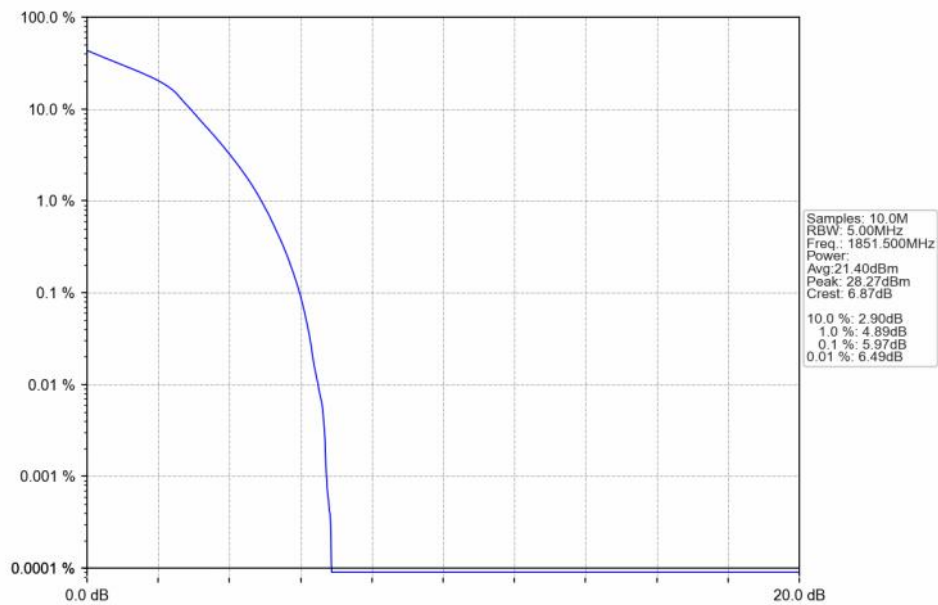
5.2.2 B25_3MHz



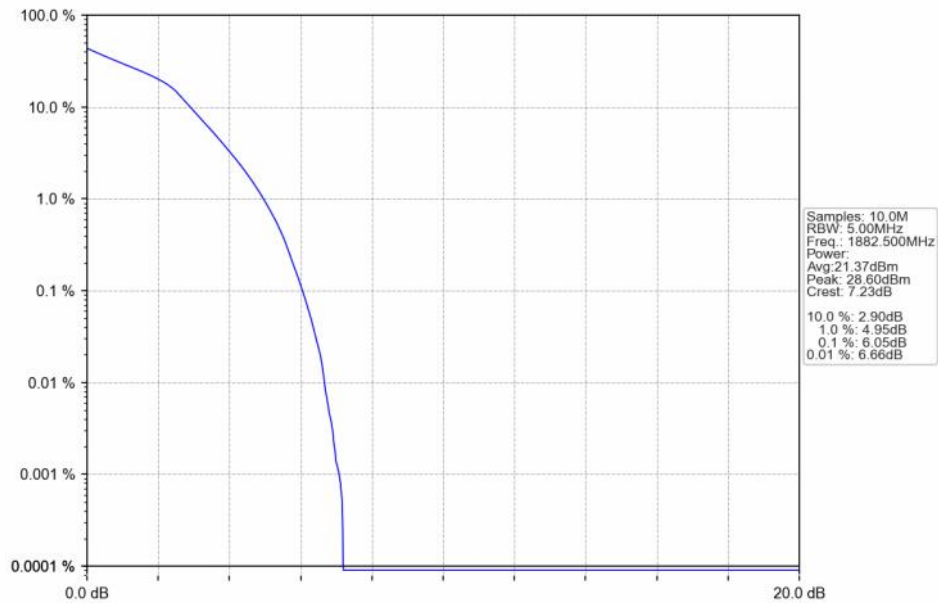
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



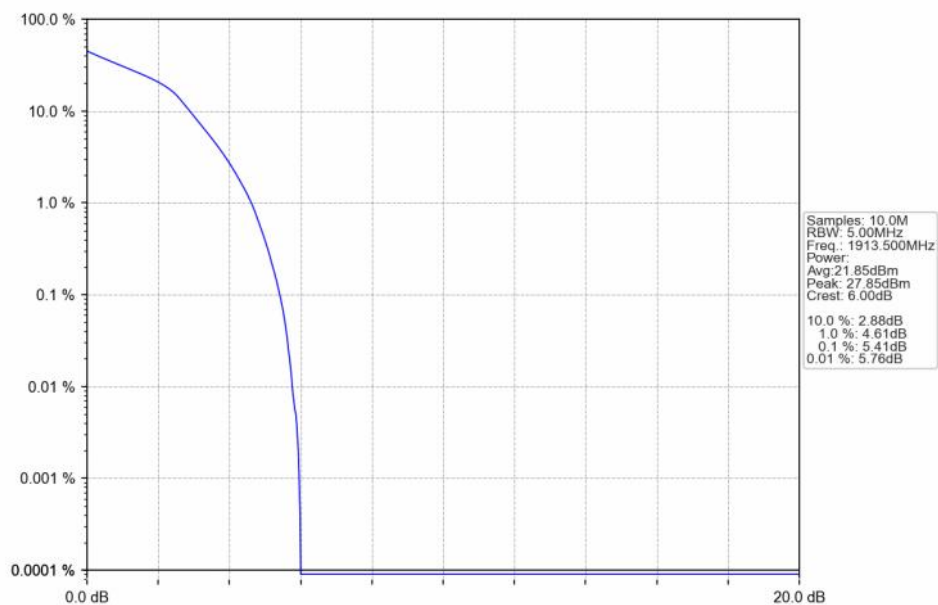
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



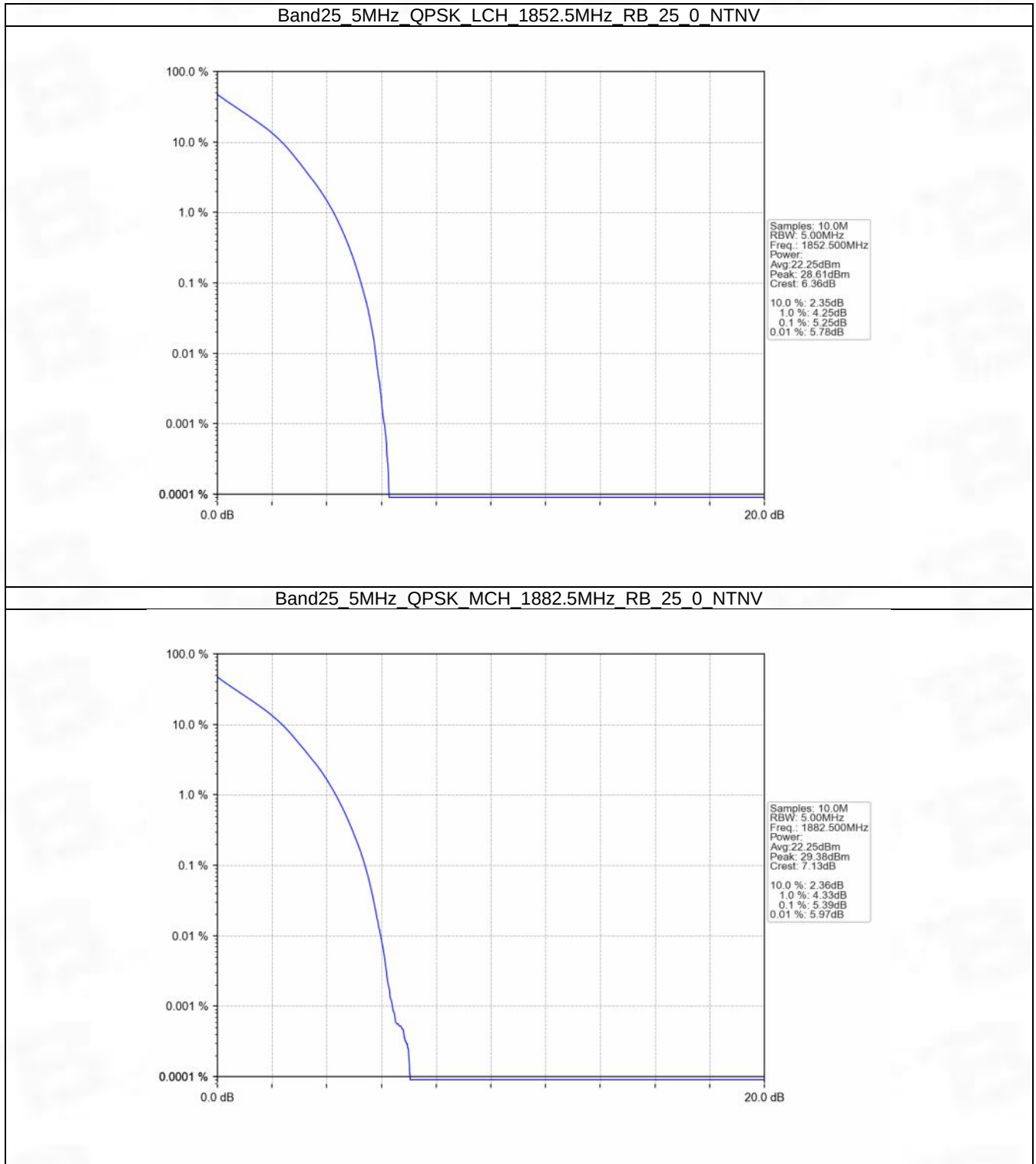
Band25 3MHz 16QAM MCH 1882.5MHz_RB_15_0_NTNV



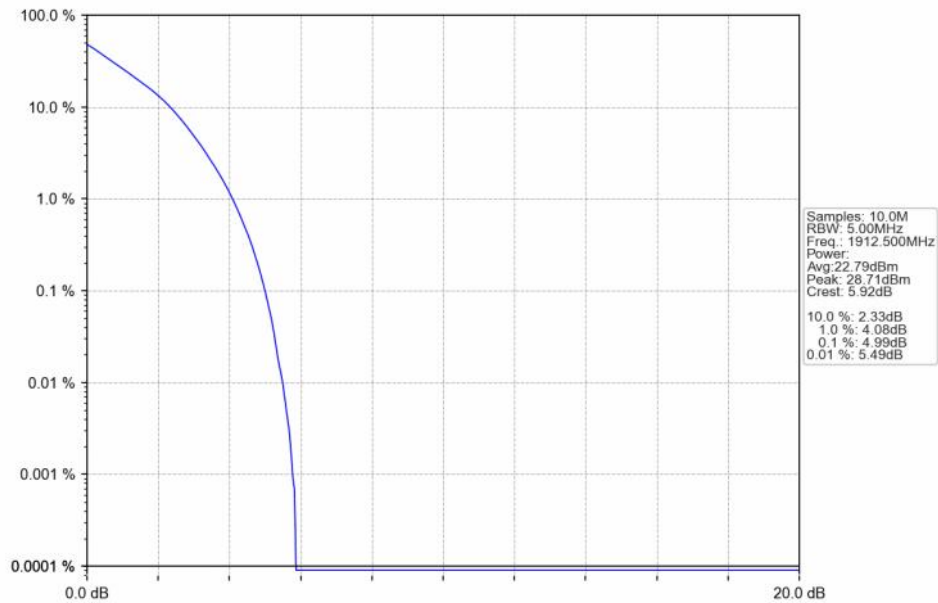
Band25 3MHz 16QAM HCH 1913.5MHz_RB_15_0_NTNV



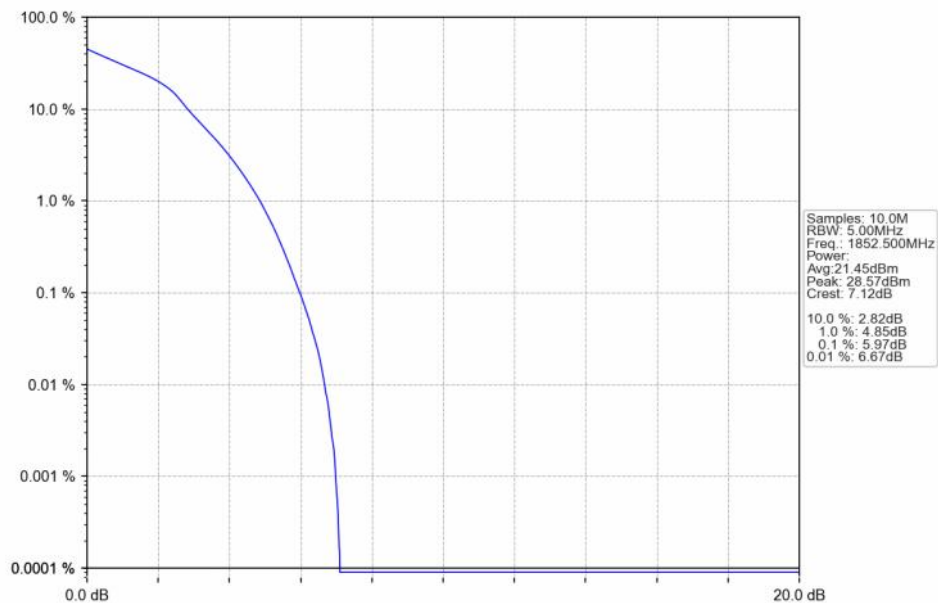
5.2.3 B25_5MHz



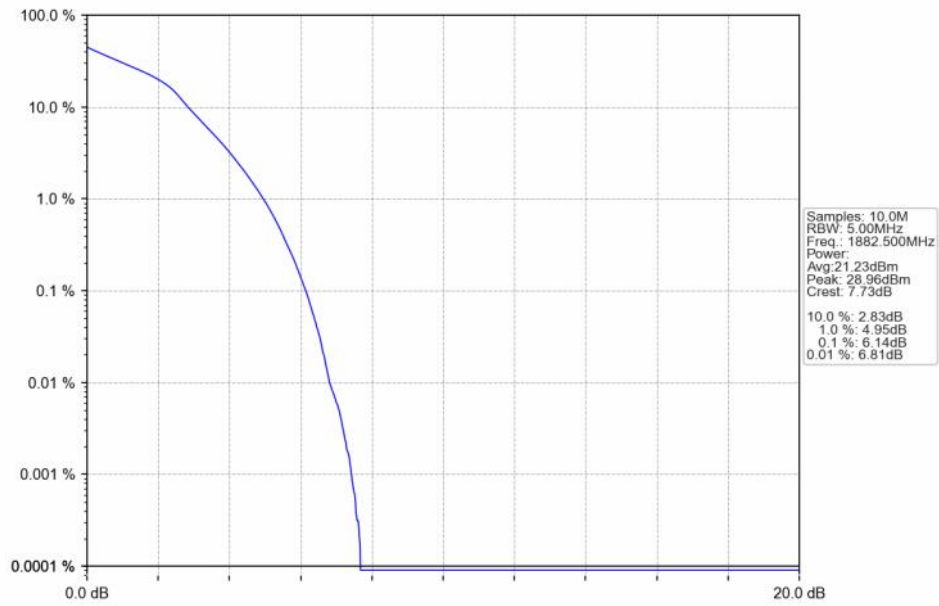
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



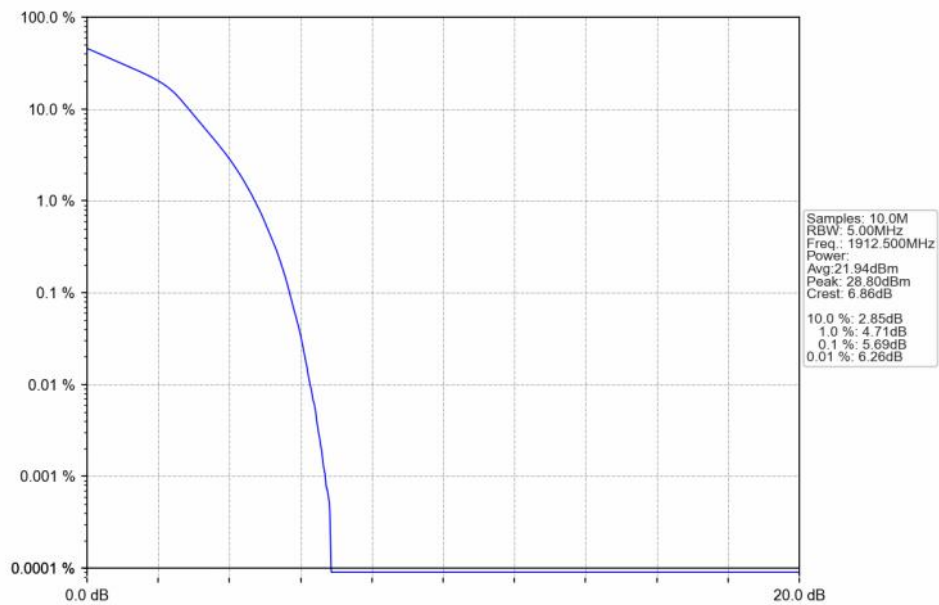
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



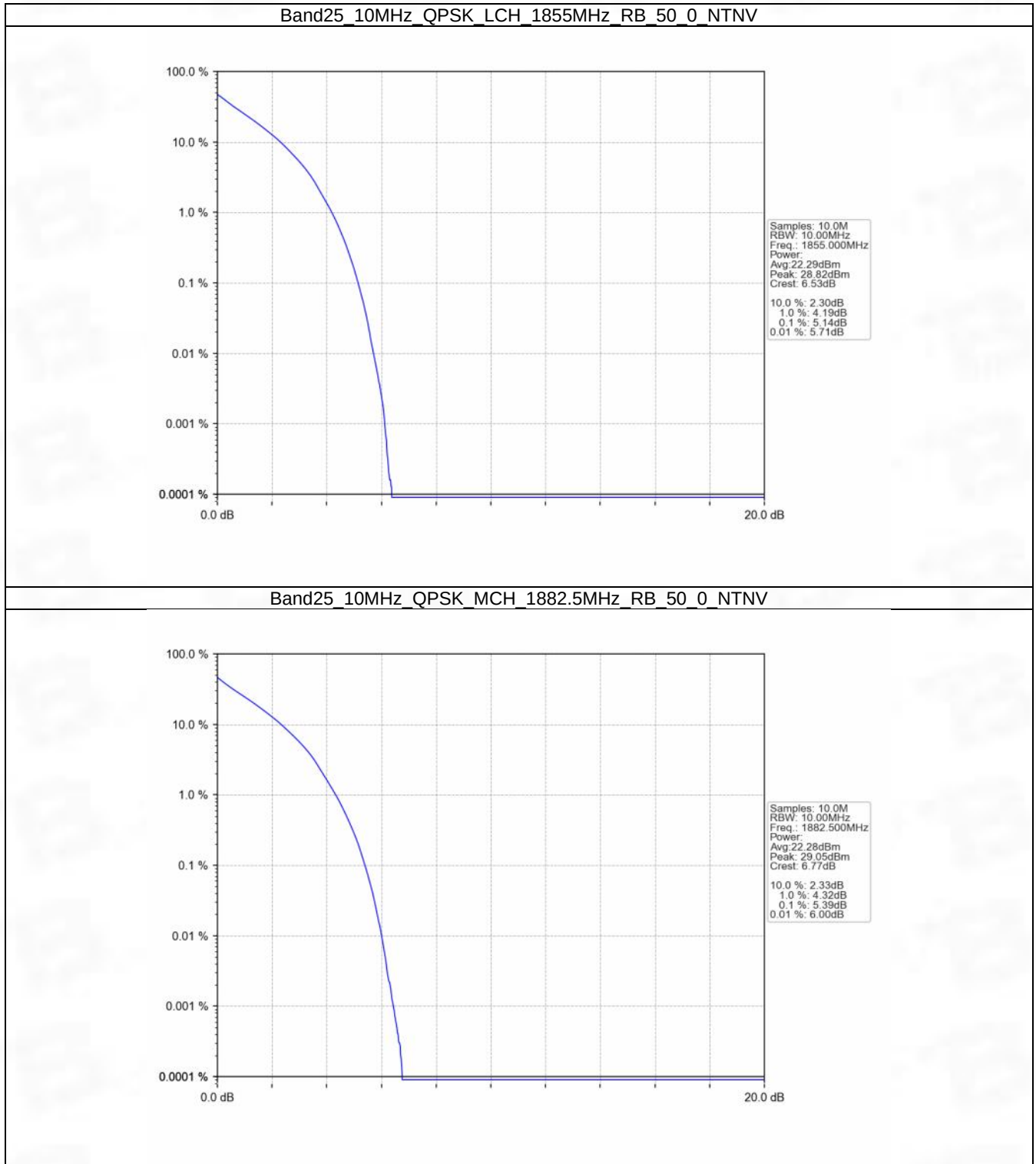
Band25 5MHz 16QAM MCH 1882.5MHz_RB_25_0_NTNV



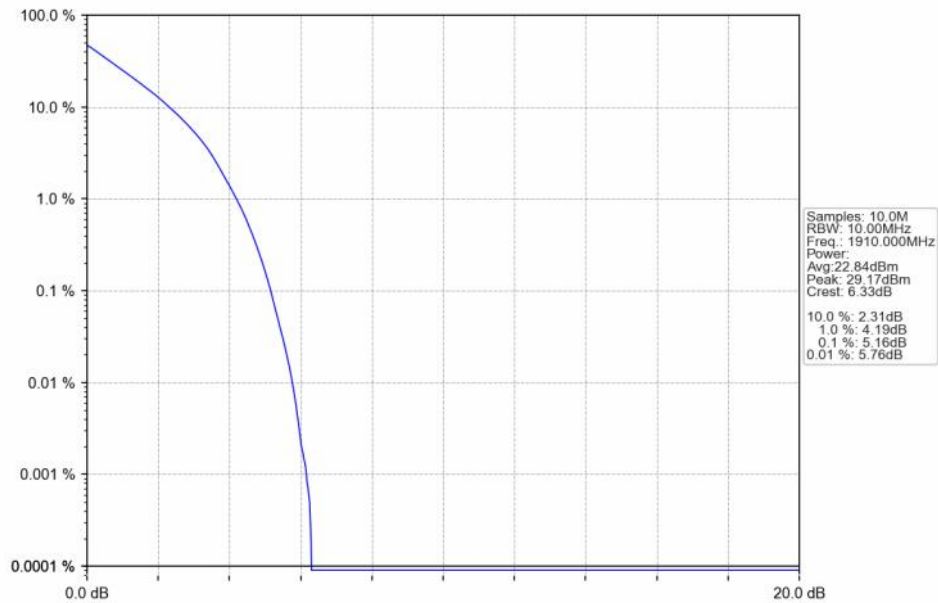
Band25 5MHz 16QAM HCH 1912.5MHz_RB_25_0_NTNV



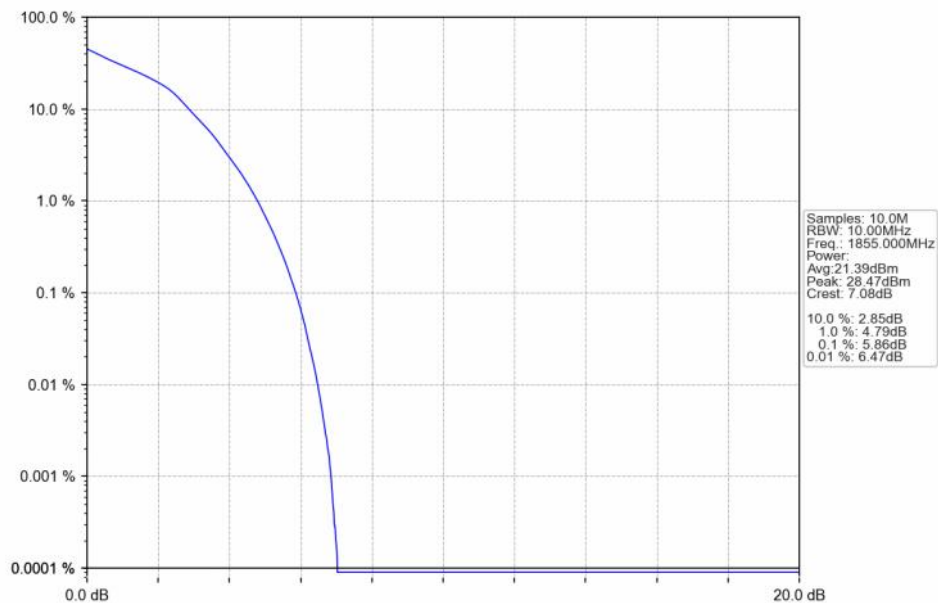
5.2.4 B25_10MHz



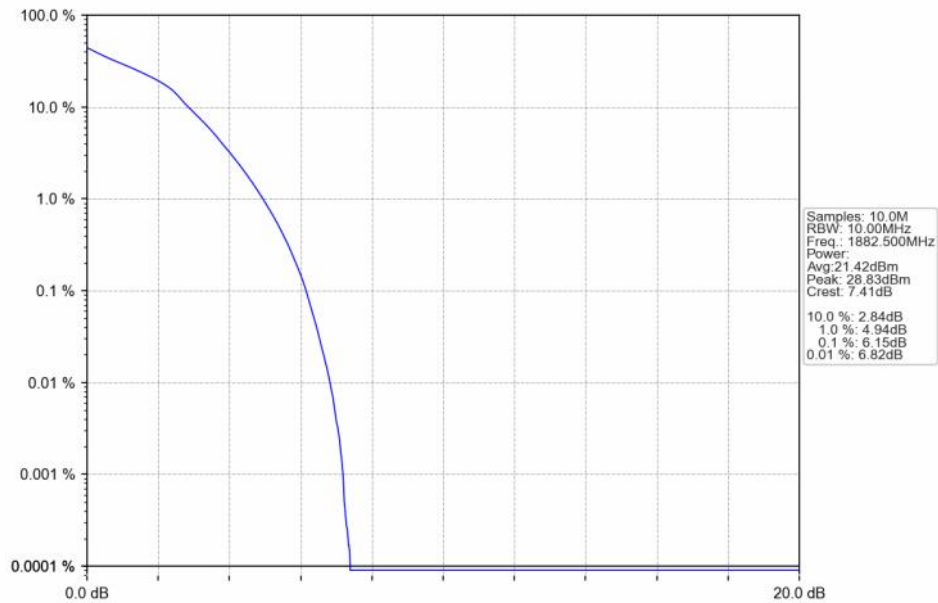
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



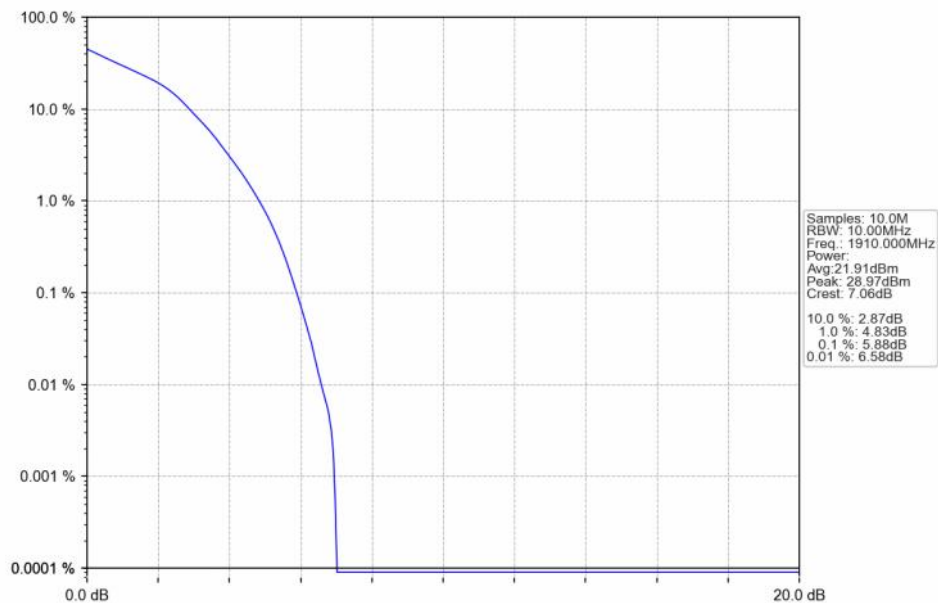
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



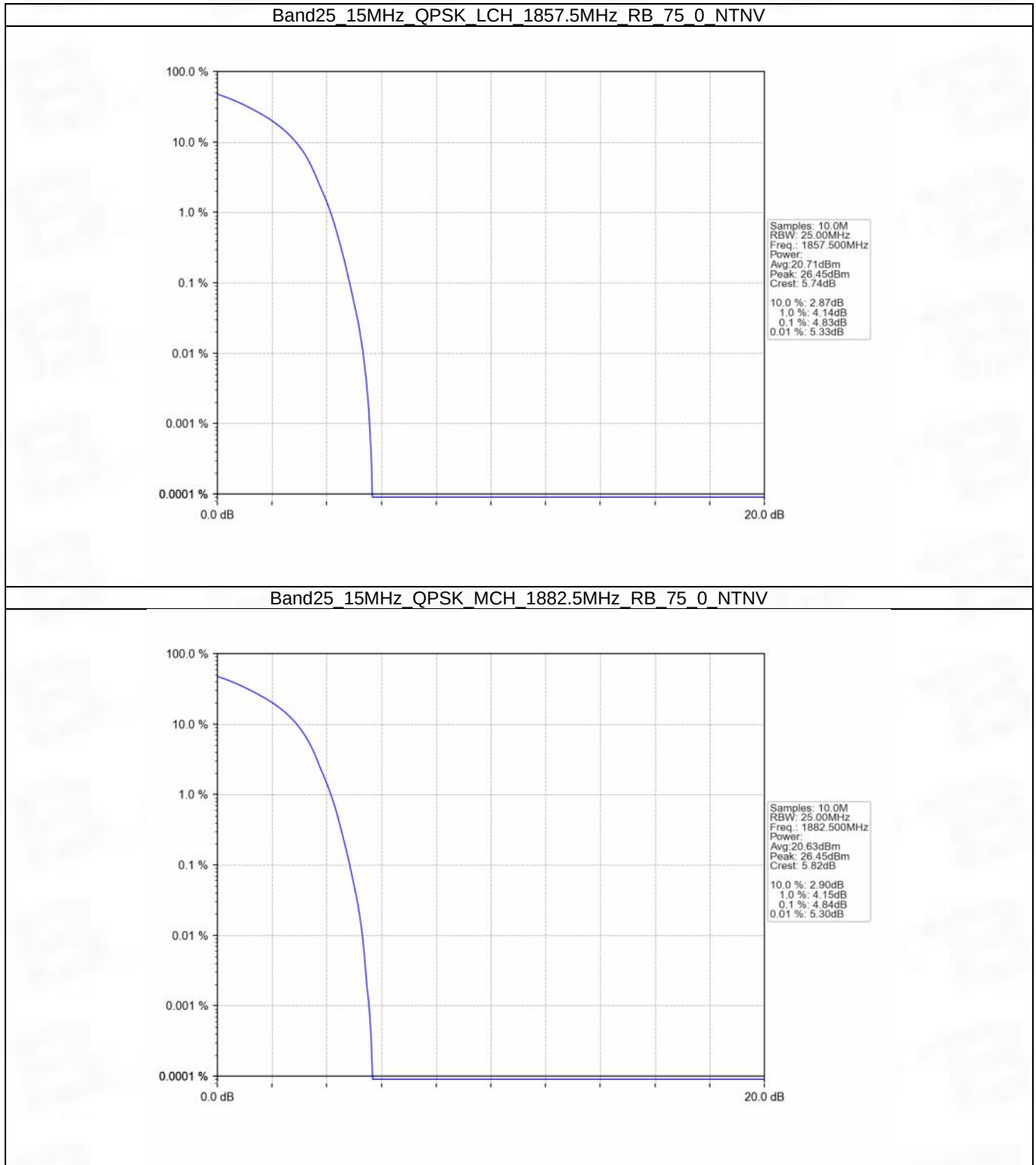
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



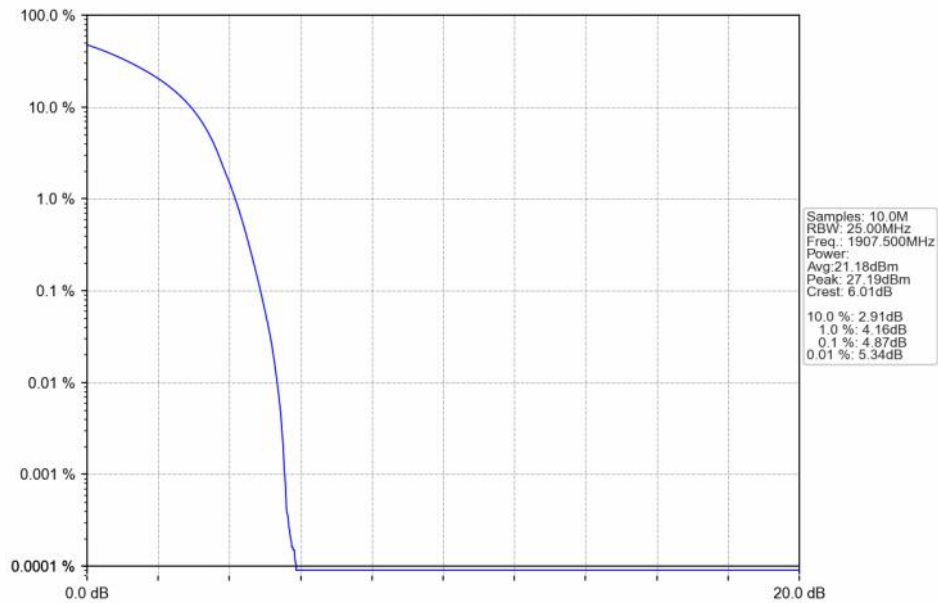
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



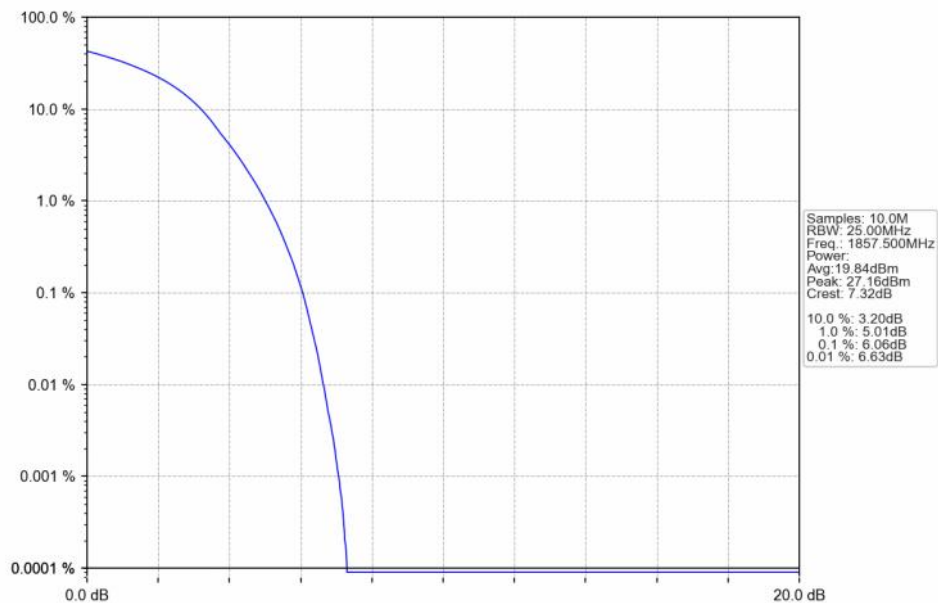
5.2.5 B25_15MHz



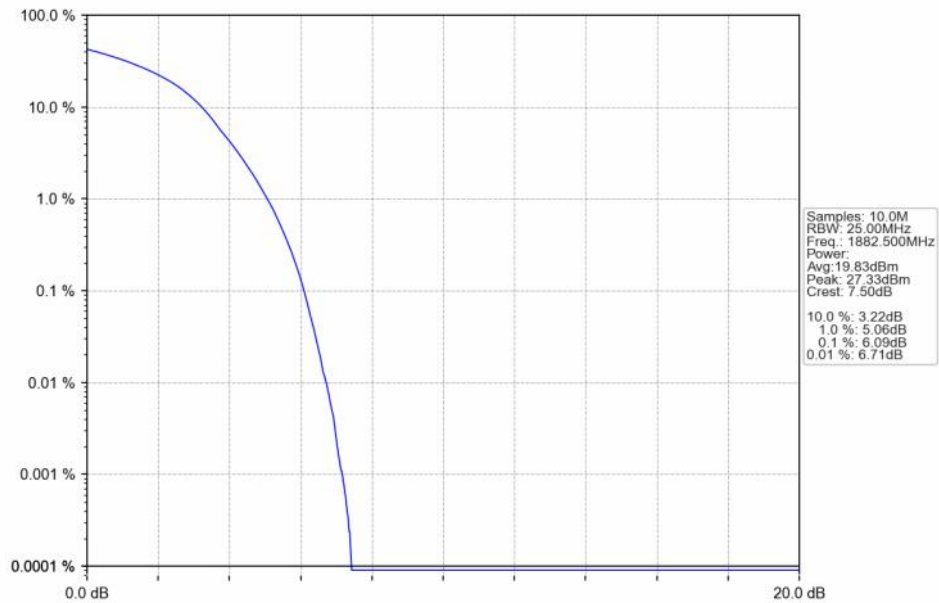
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



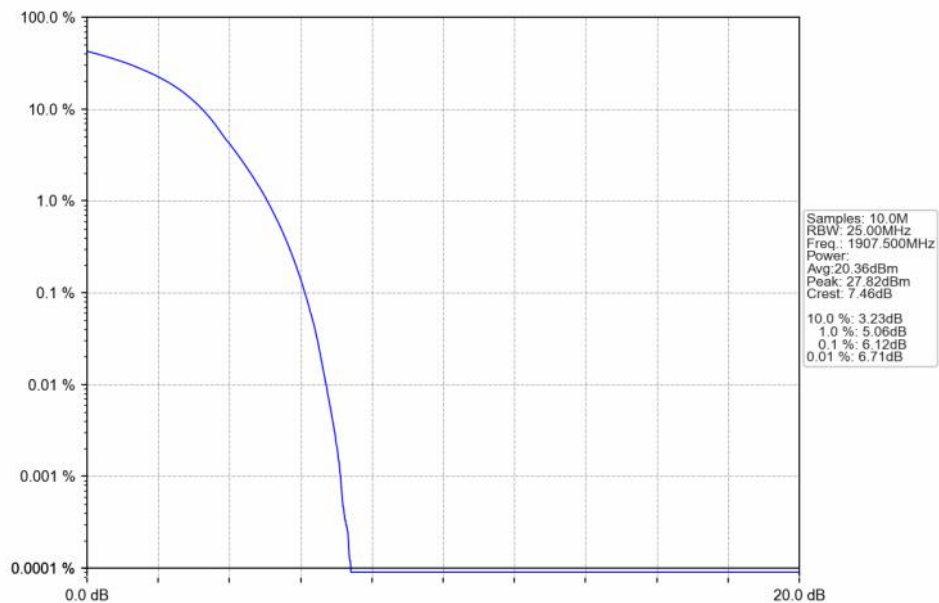
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



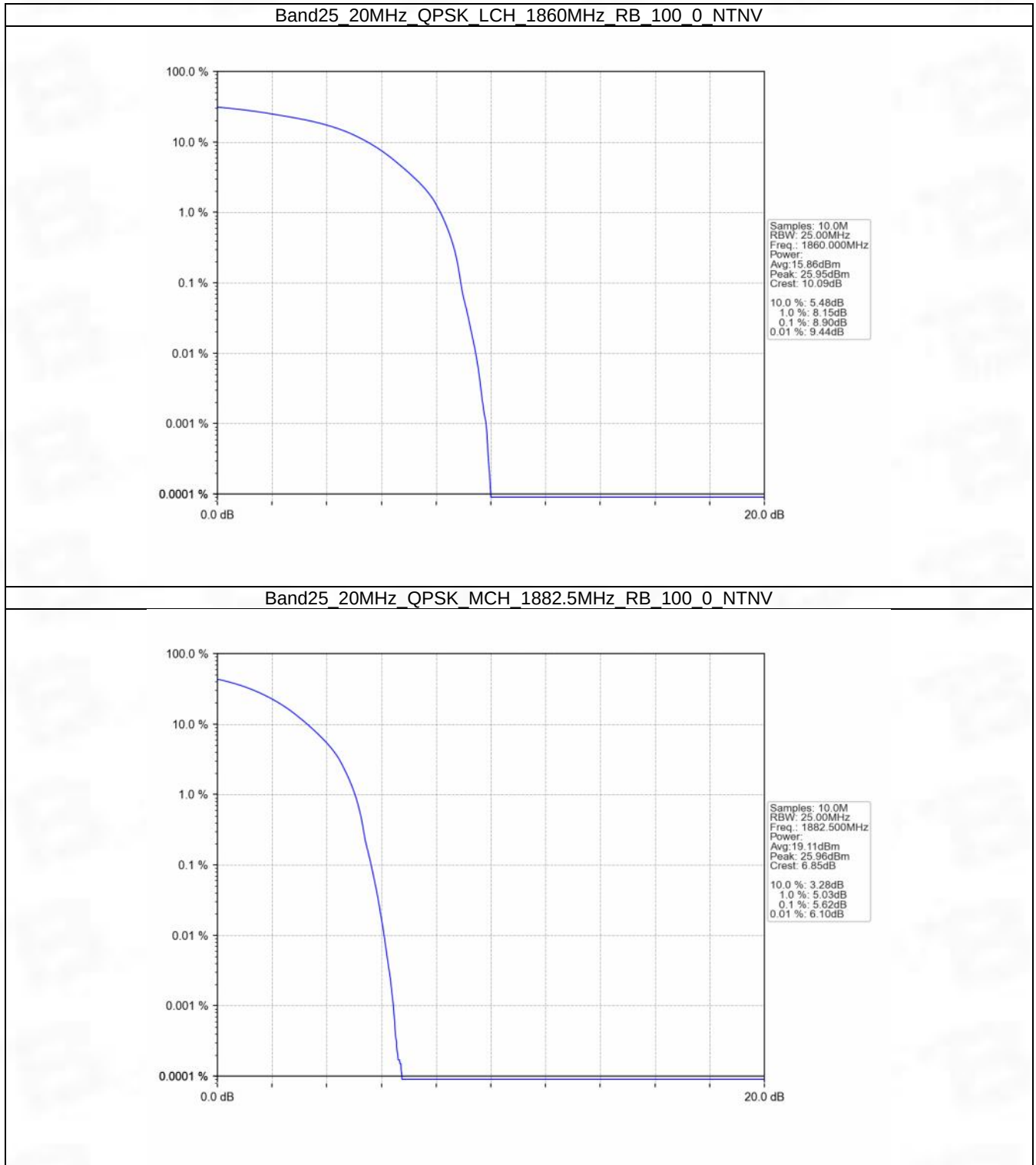
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



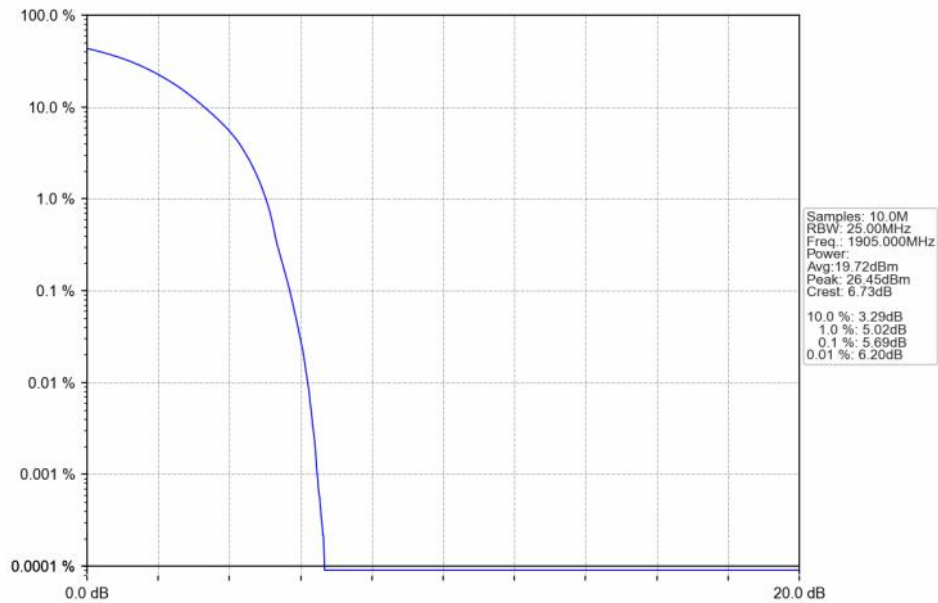
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



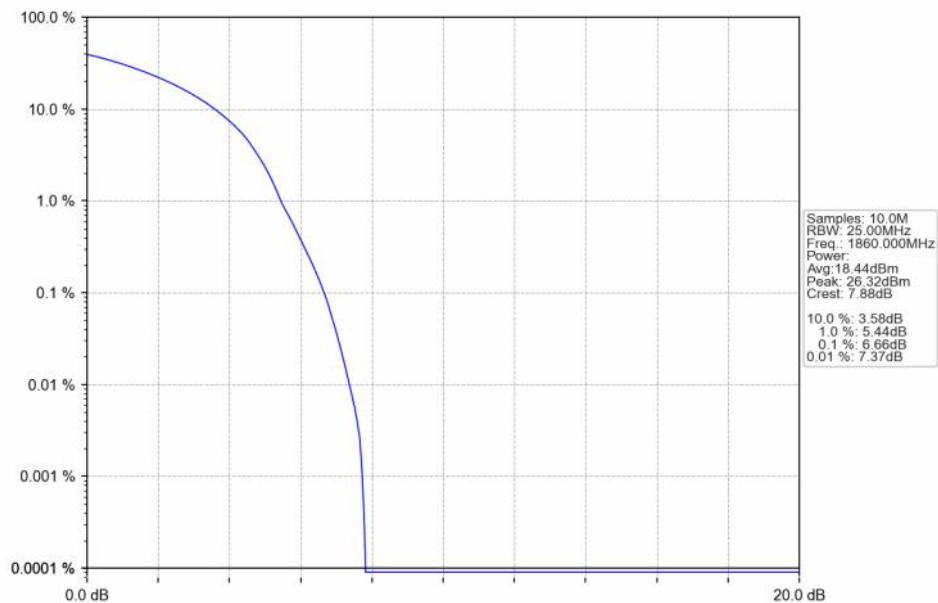
5.2.6 B25_20MHz



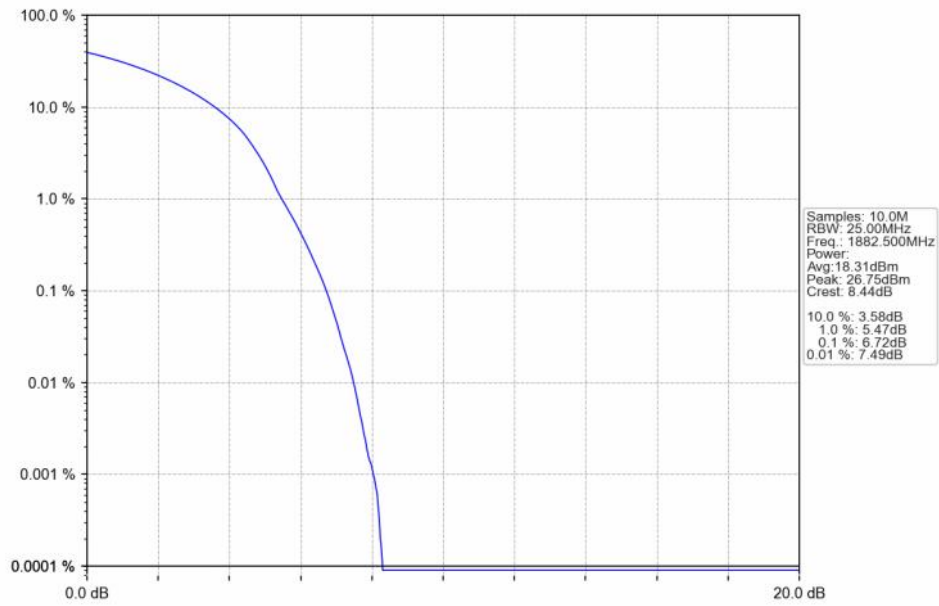
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



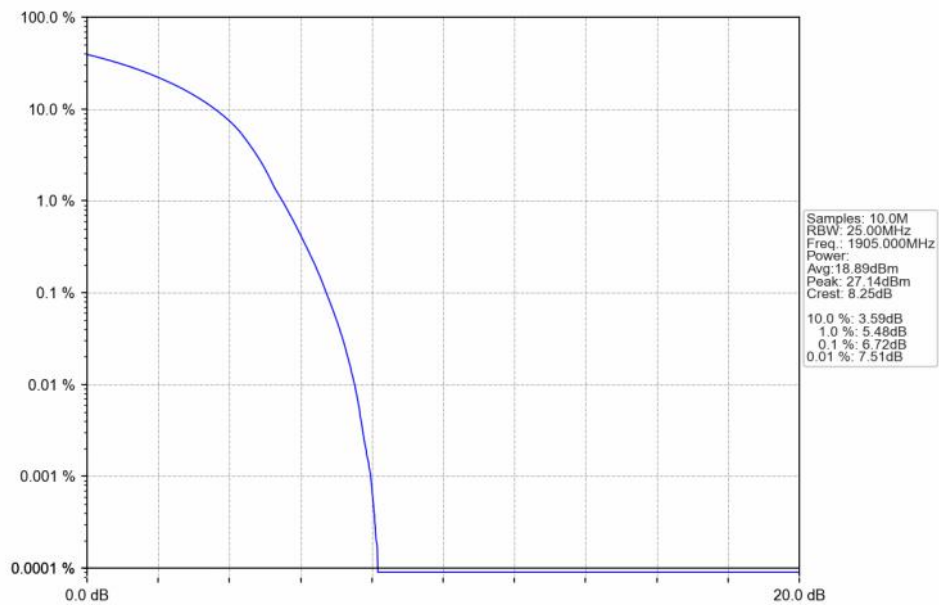
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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

6.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	1910	1	0	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	
		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
		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
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1907.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

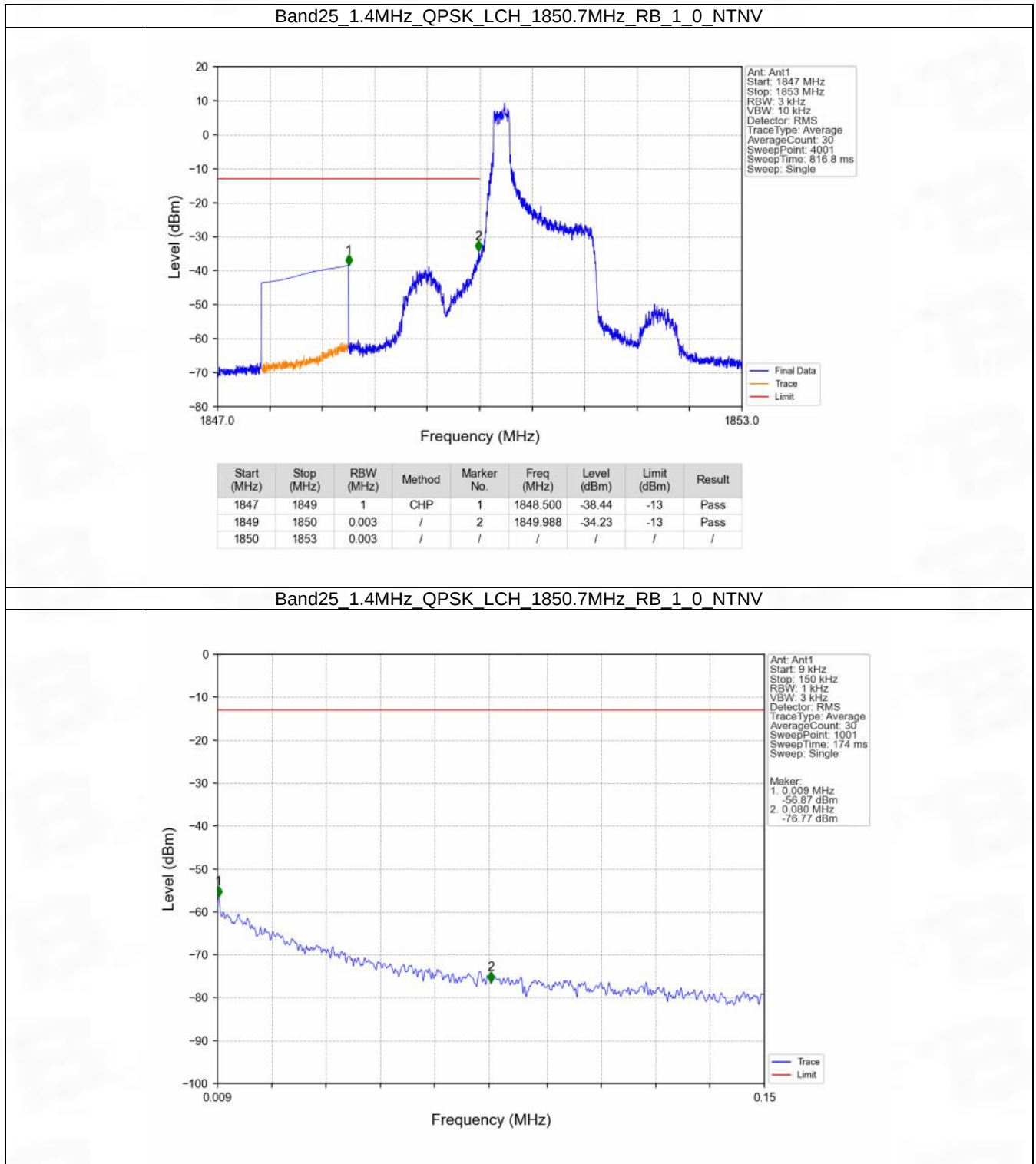
6.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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

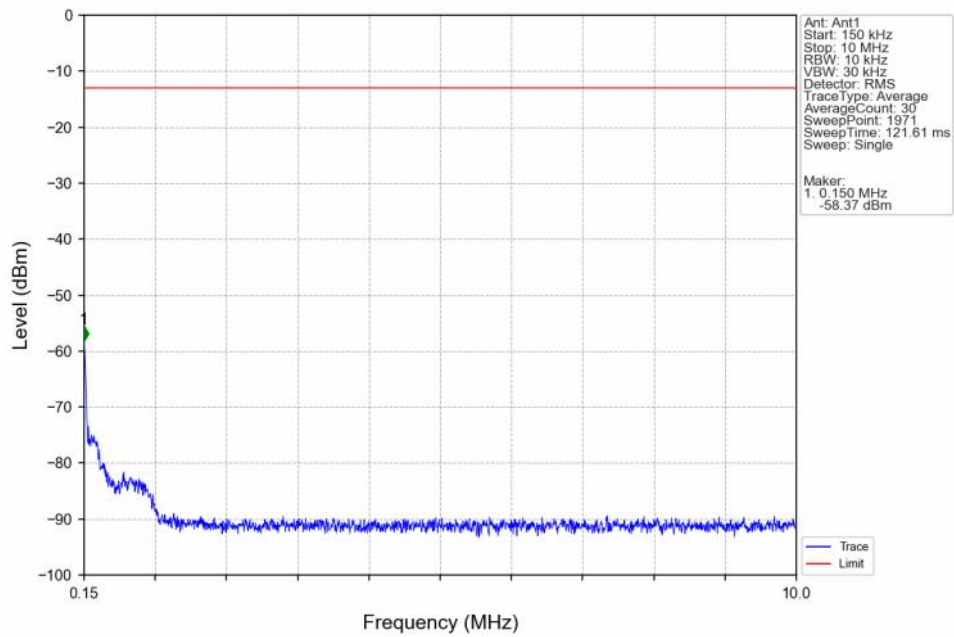
	1905	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

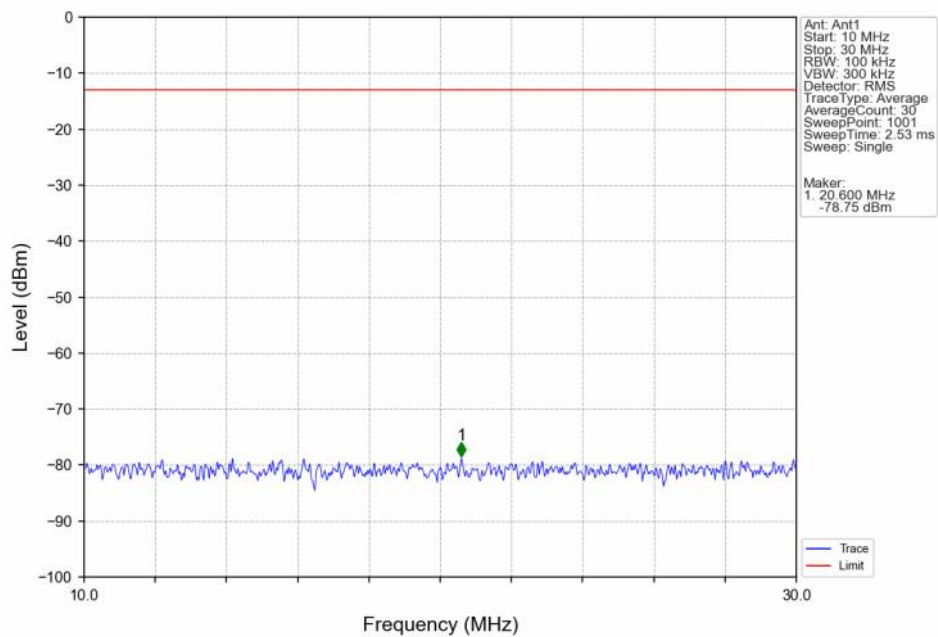
6.2.1 B25_1.4MHz



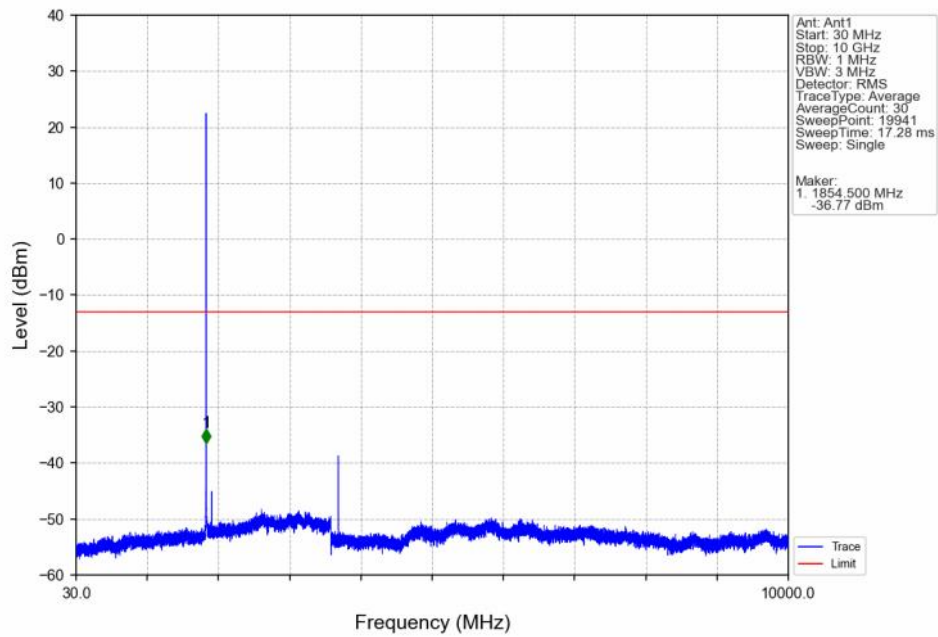
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



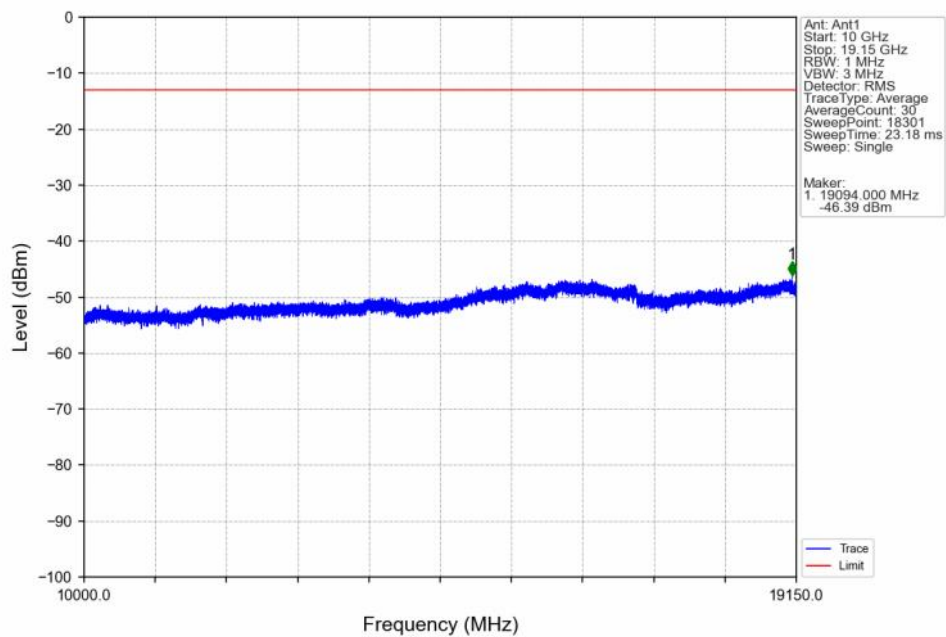
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



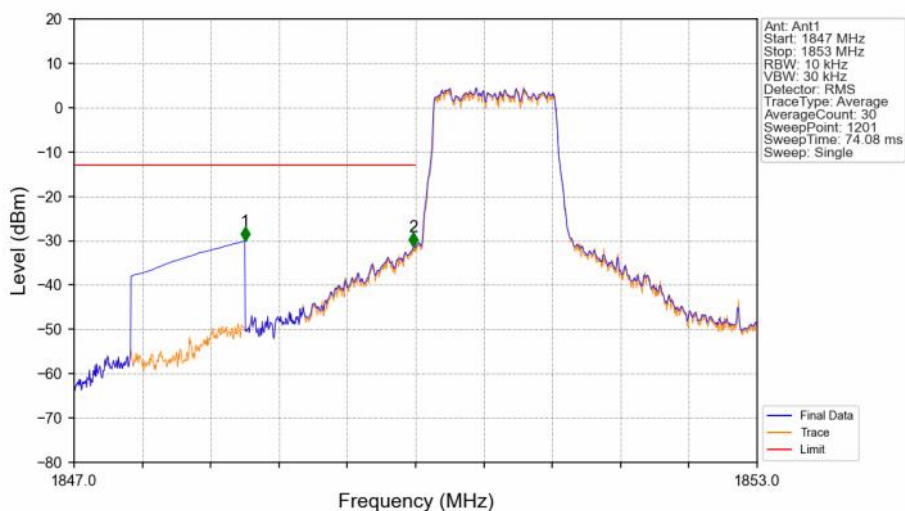
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

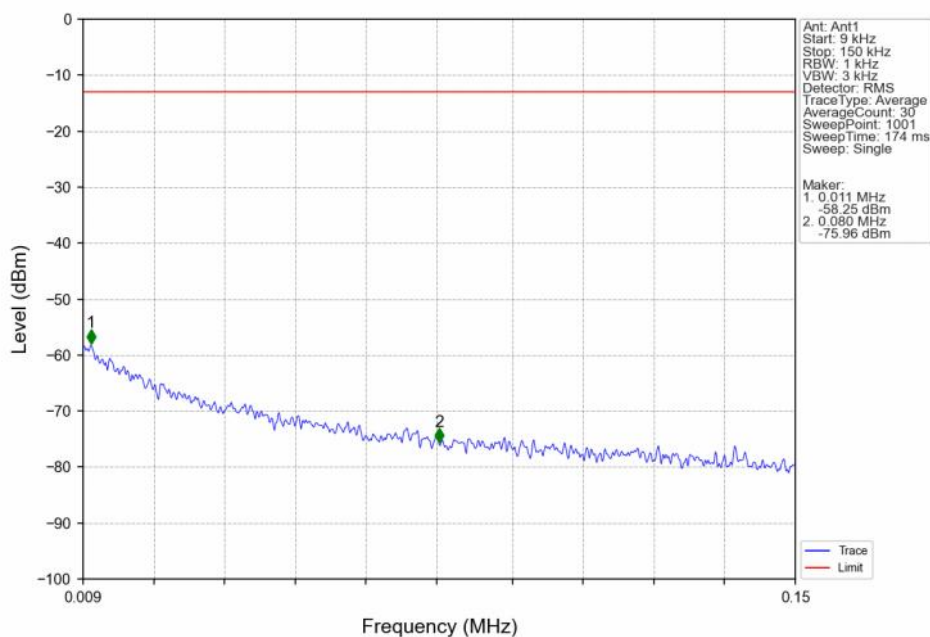


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

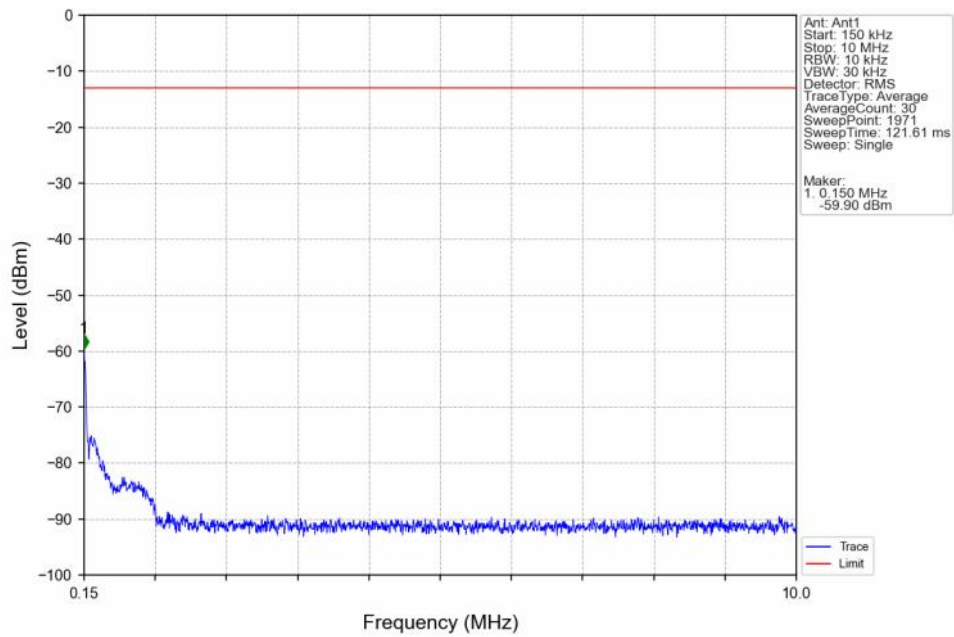


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-30.07	-13	Pass
1849	1850	0.013	CHP	2	1849.980	-31.34	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

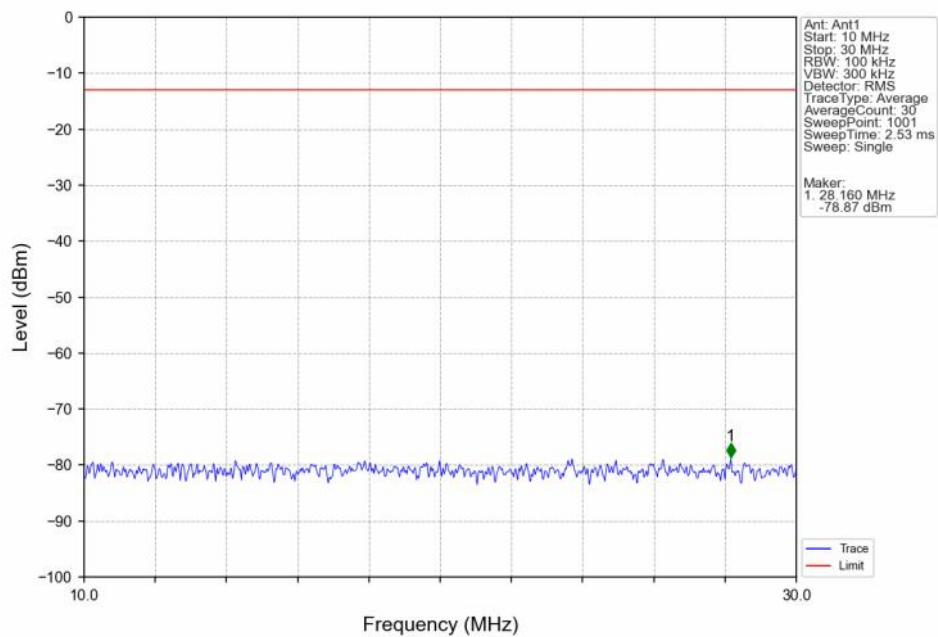
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



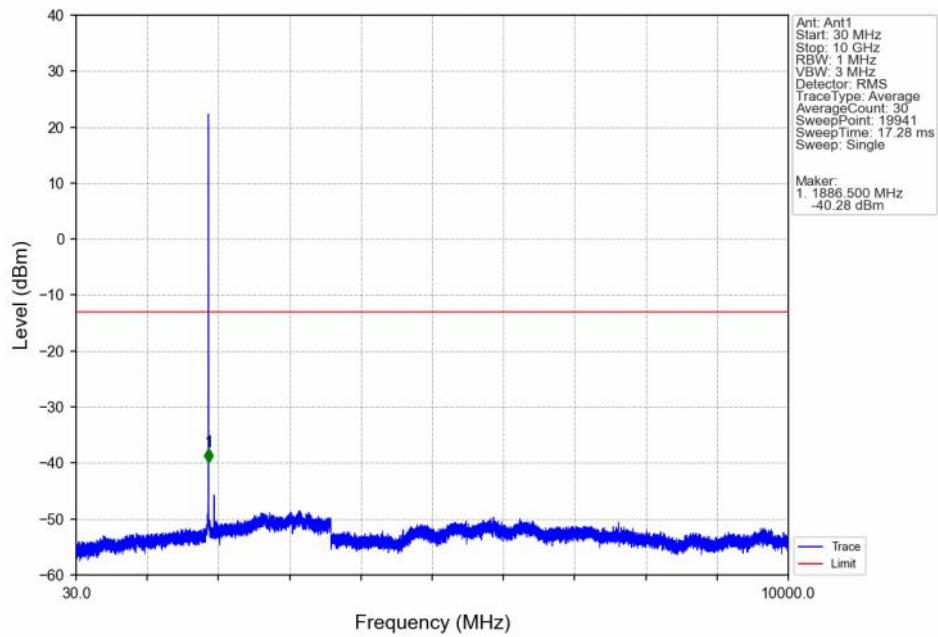
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



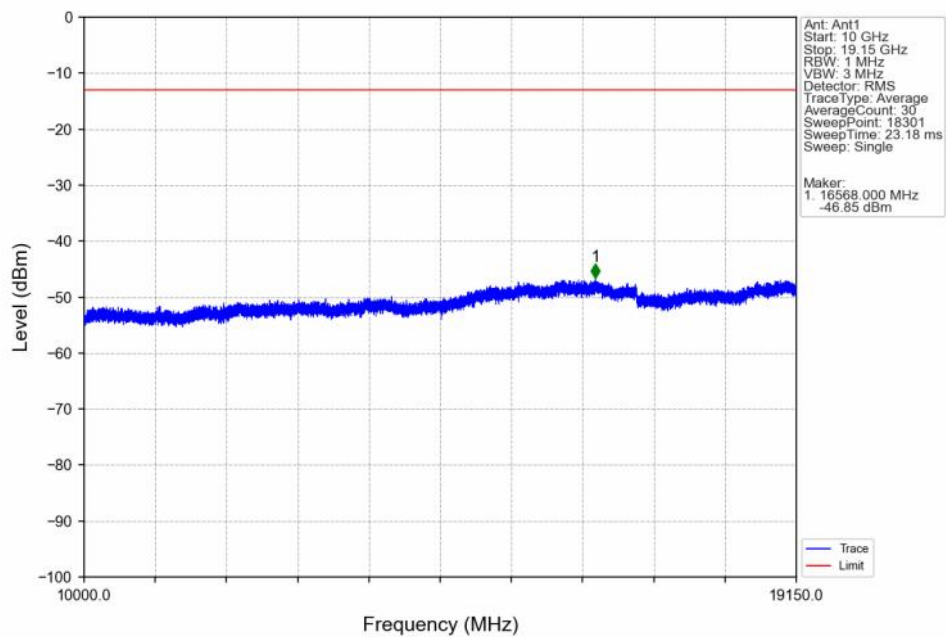
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



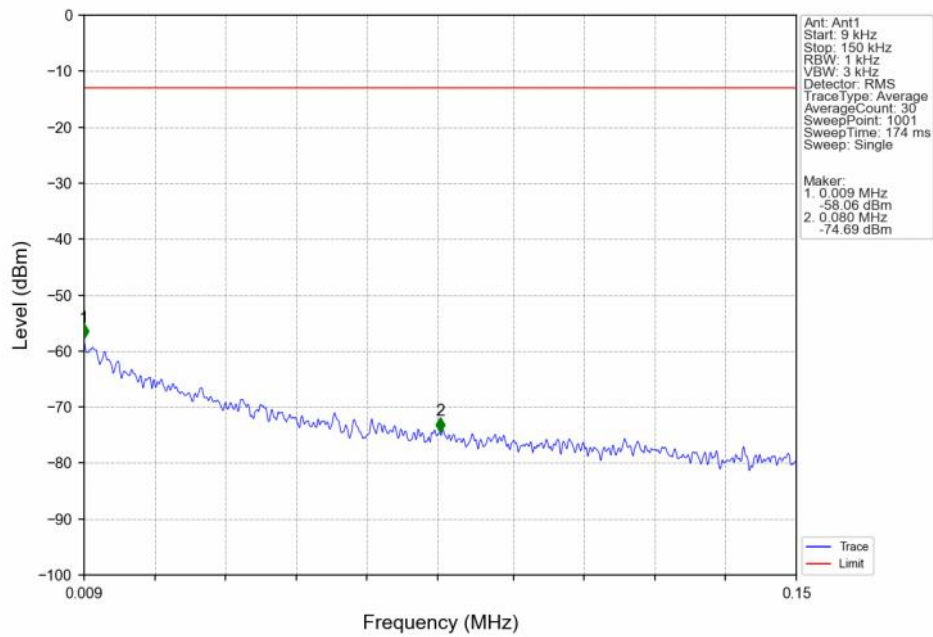
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



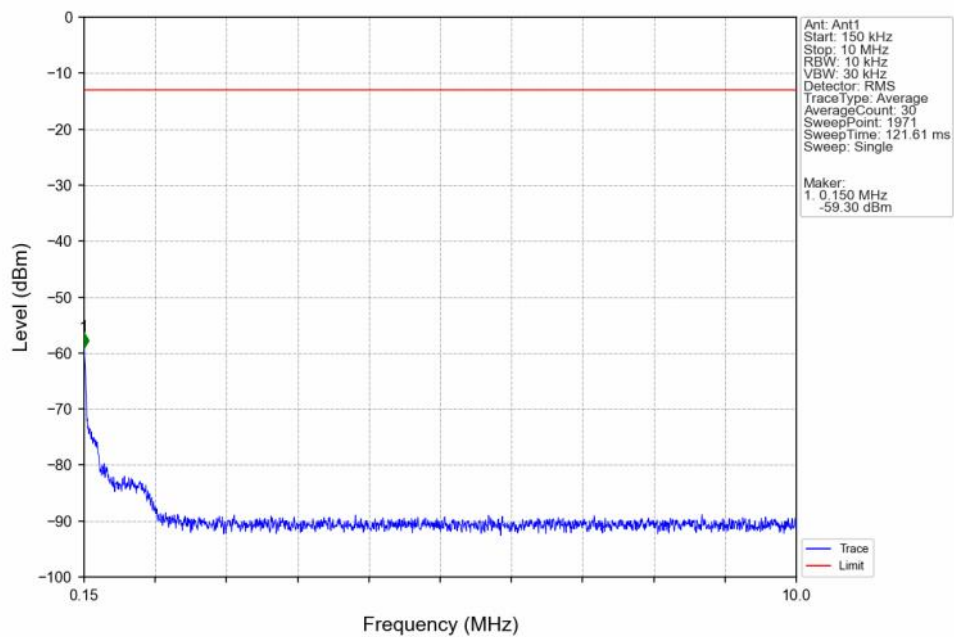
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



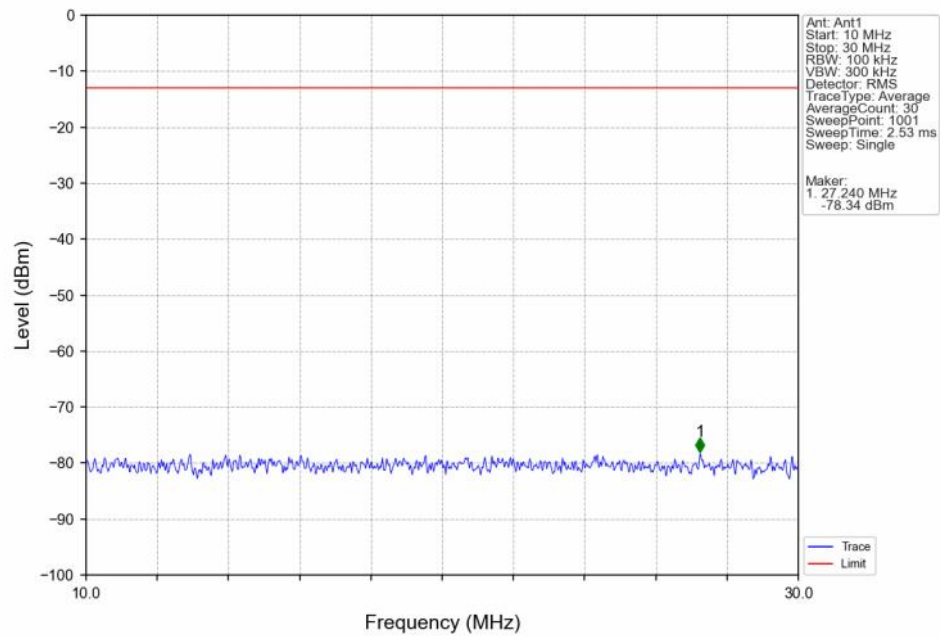
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



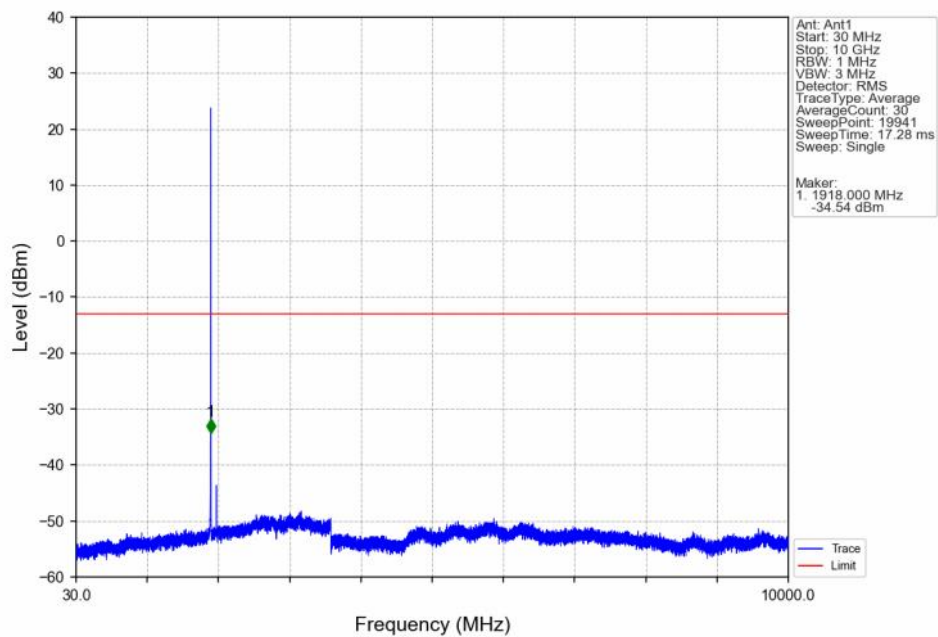
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



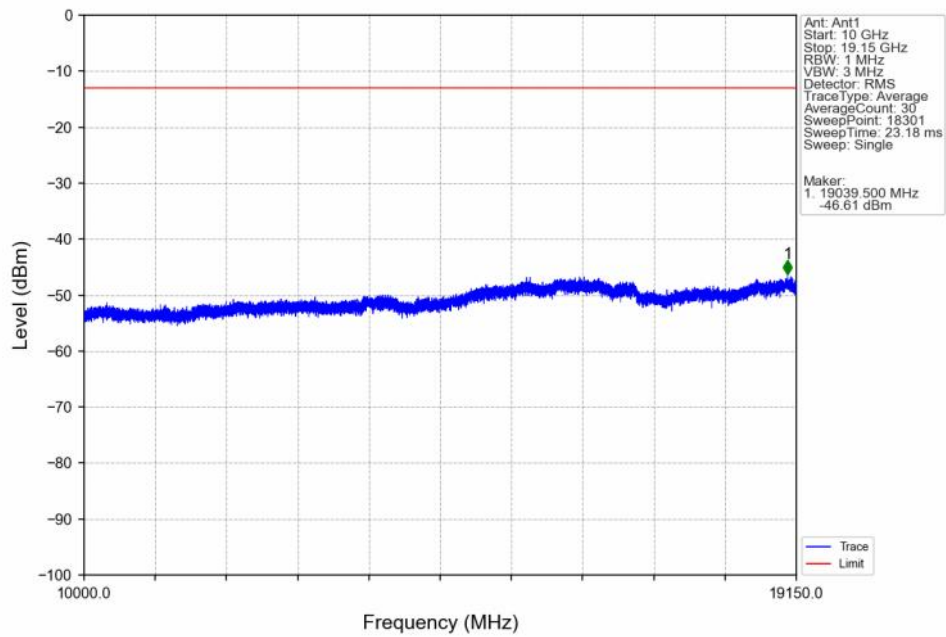
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



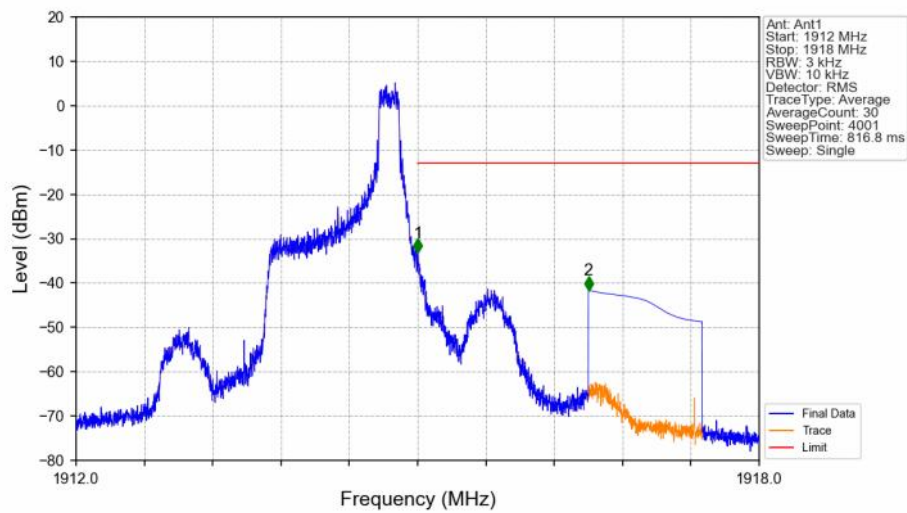
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

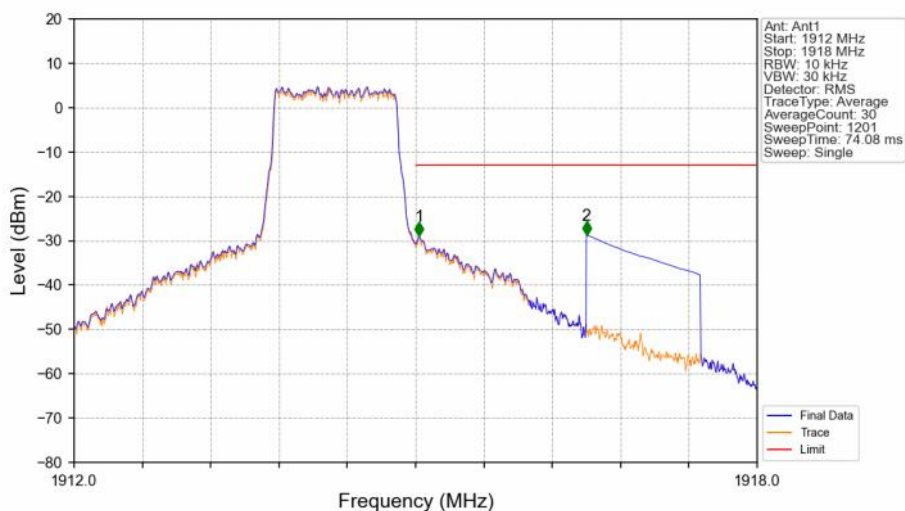


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



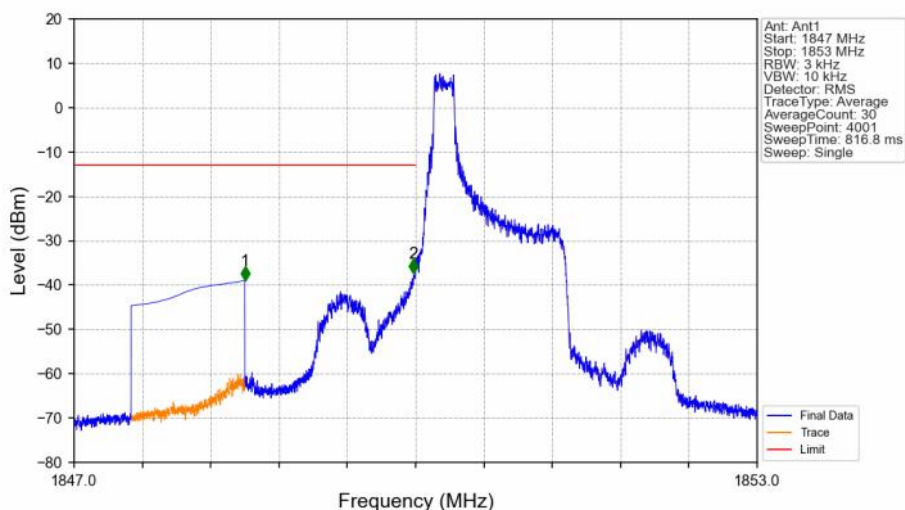
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-33.17	-13	Pass
1916	1918	1	CHP	2	1916.500	-41.60	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



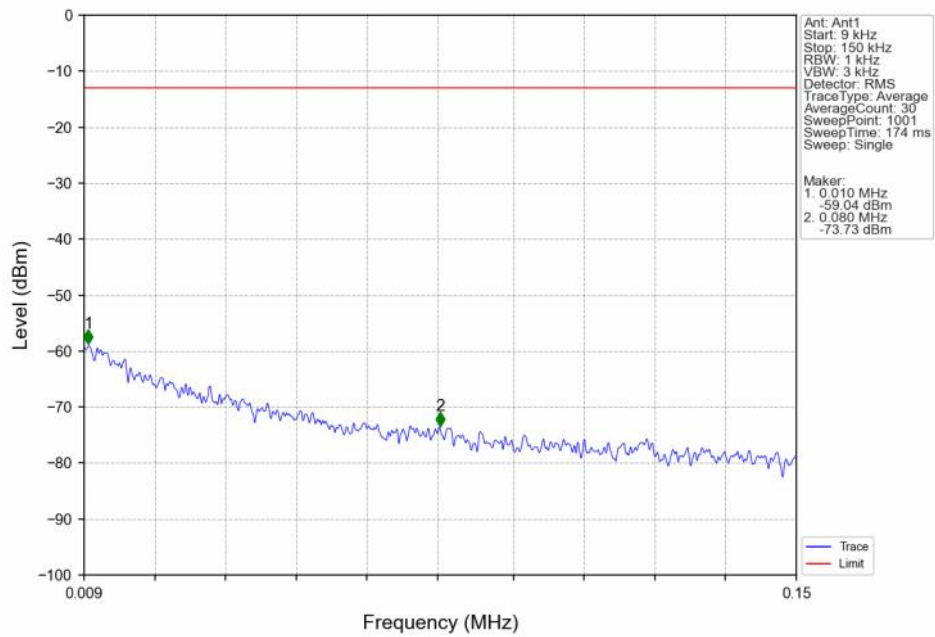
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.030	-28.98	-13	Pass
1916	1918	1	CHP	2	1916.500	-28.70	-13	Pass

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

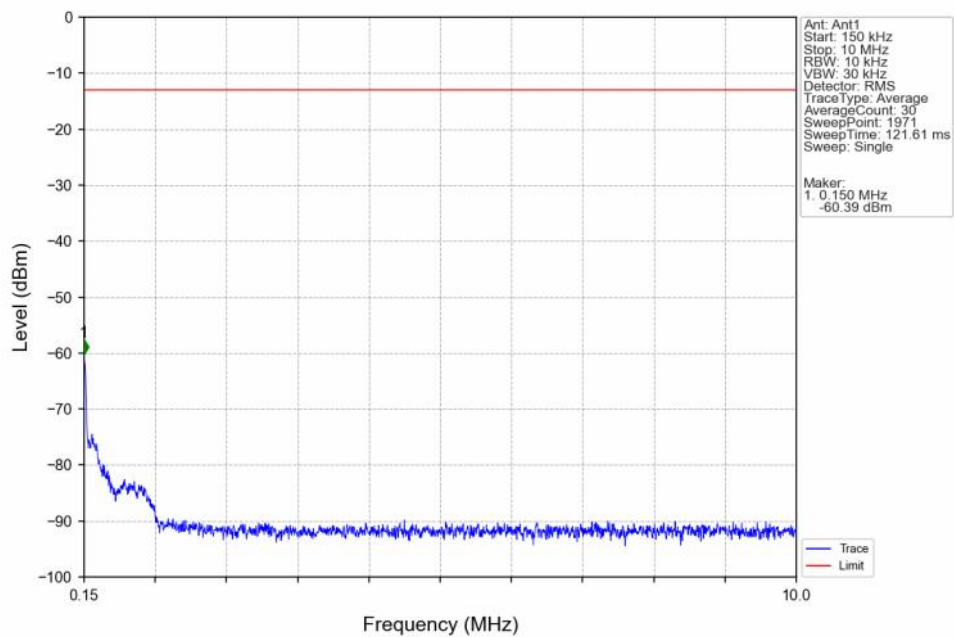


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-38.97	-13	Pass
1849	1850	0.003	/	2	1849.982	-37.36	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

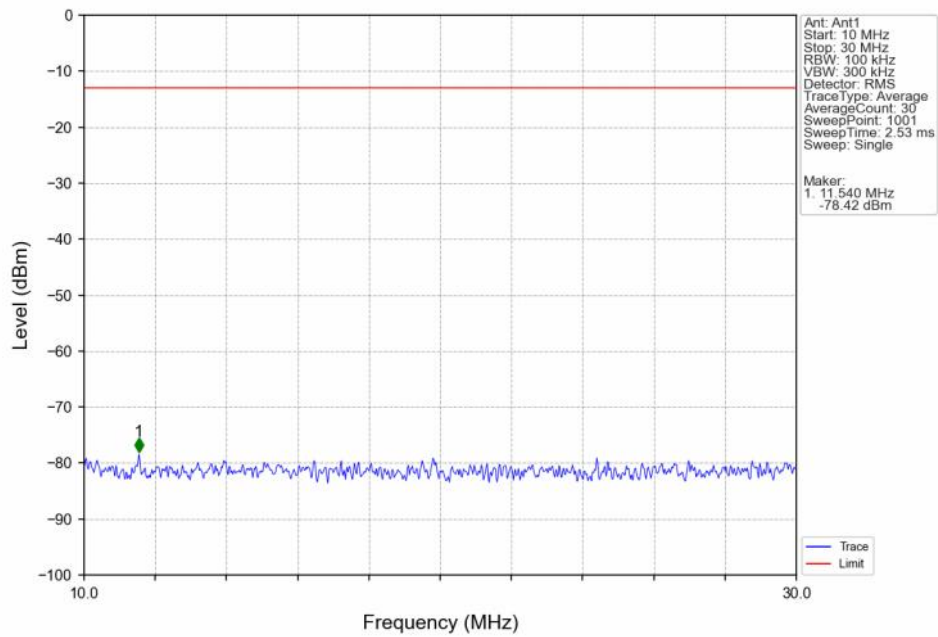
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



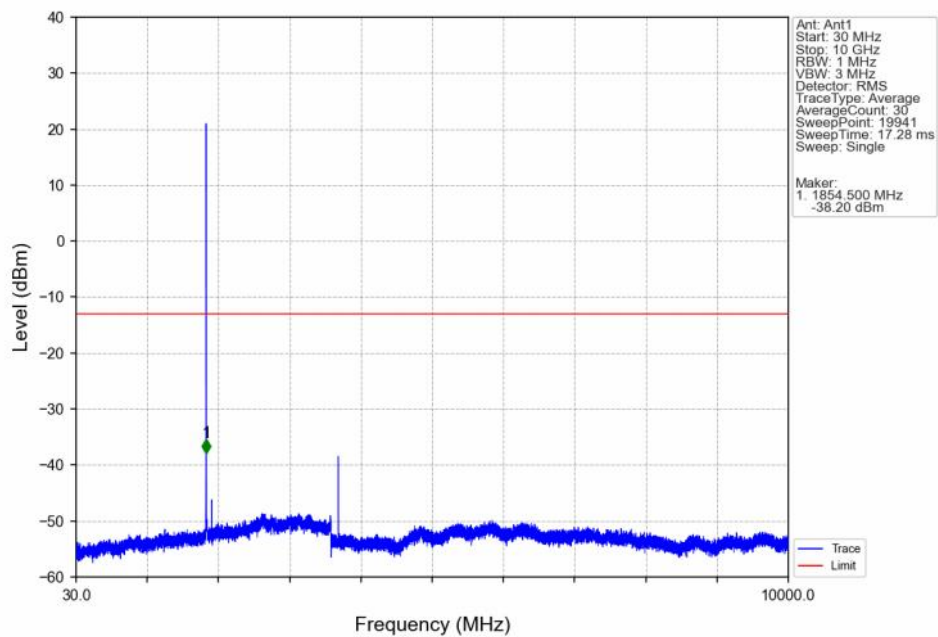
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



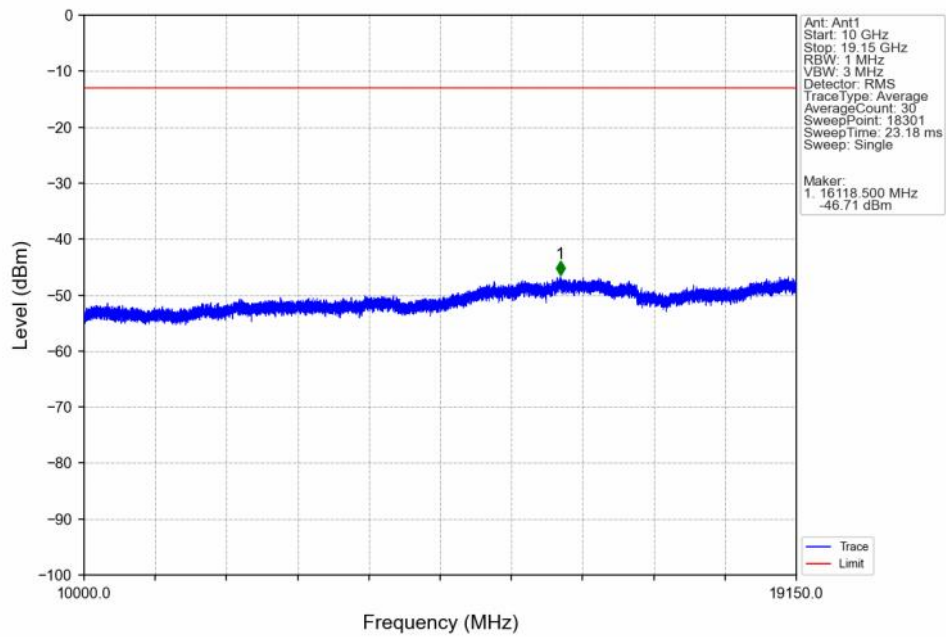
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



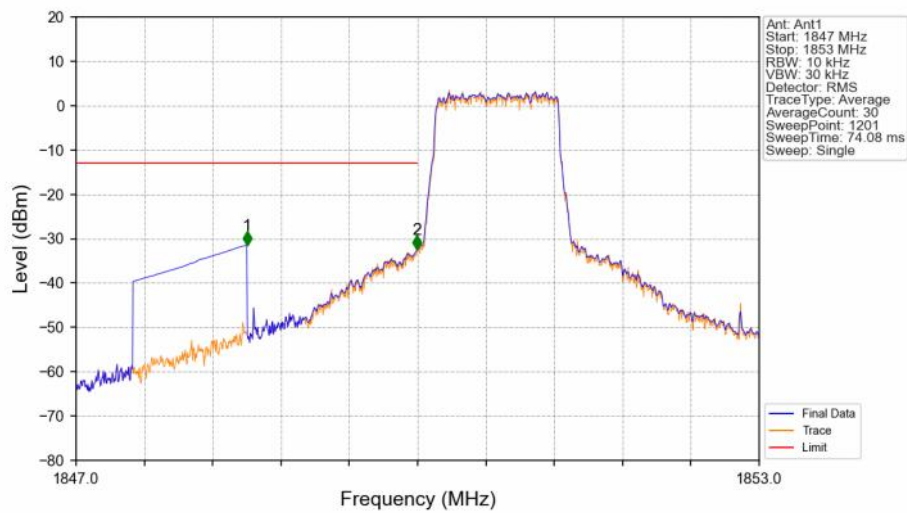
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

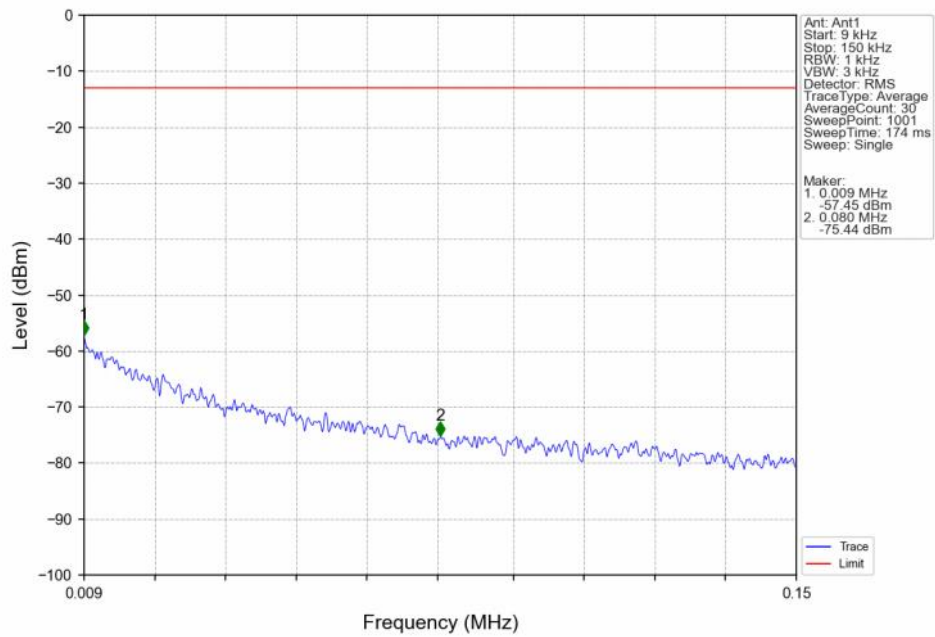


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

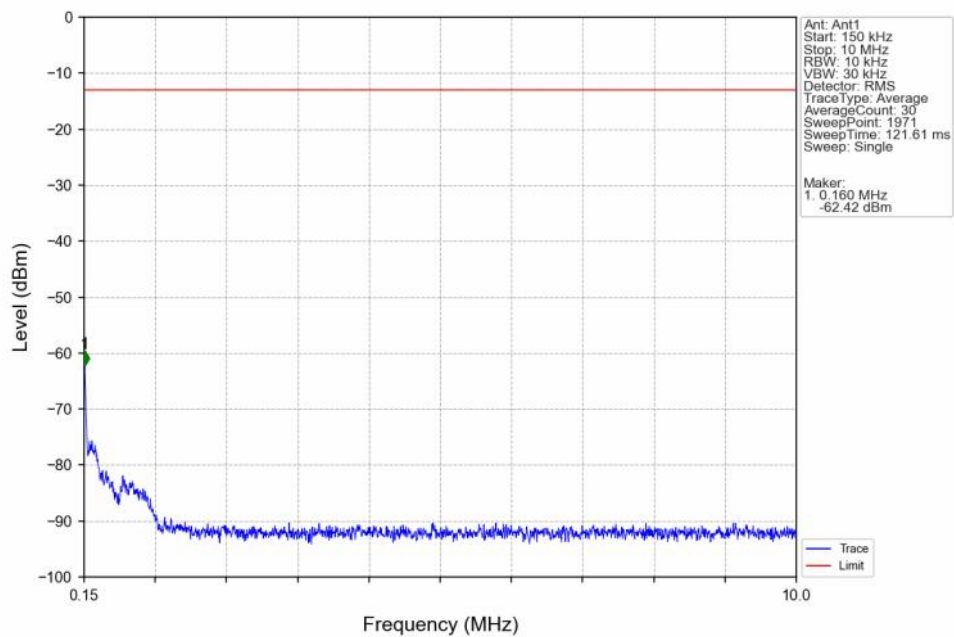


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-31.46	-13	Pass
1849	1850	0.013	CHP	2	1849.995	-32.32	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

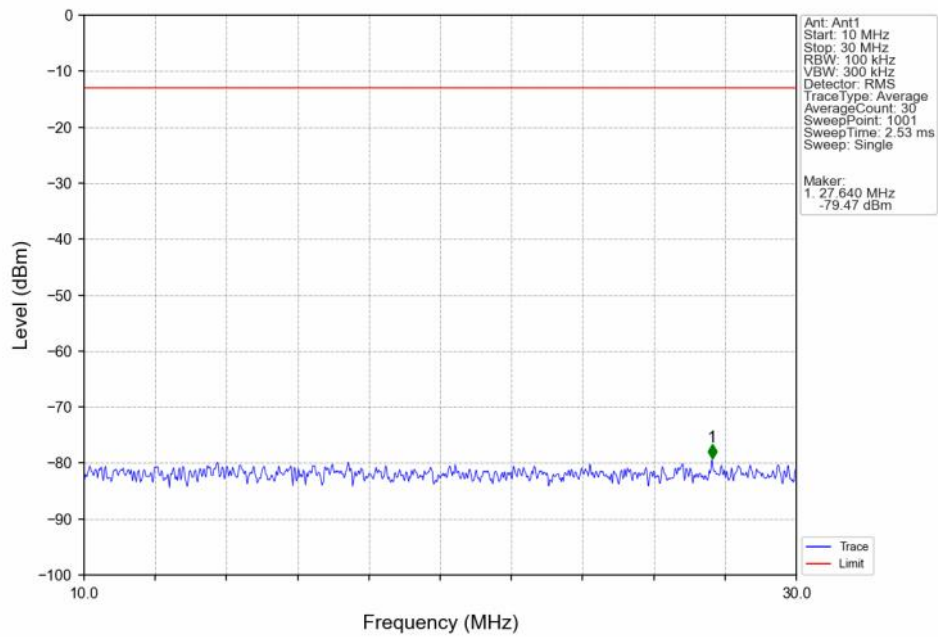
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



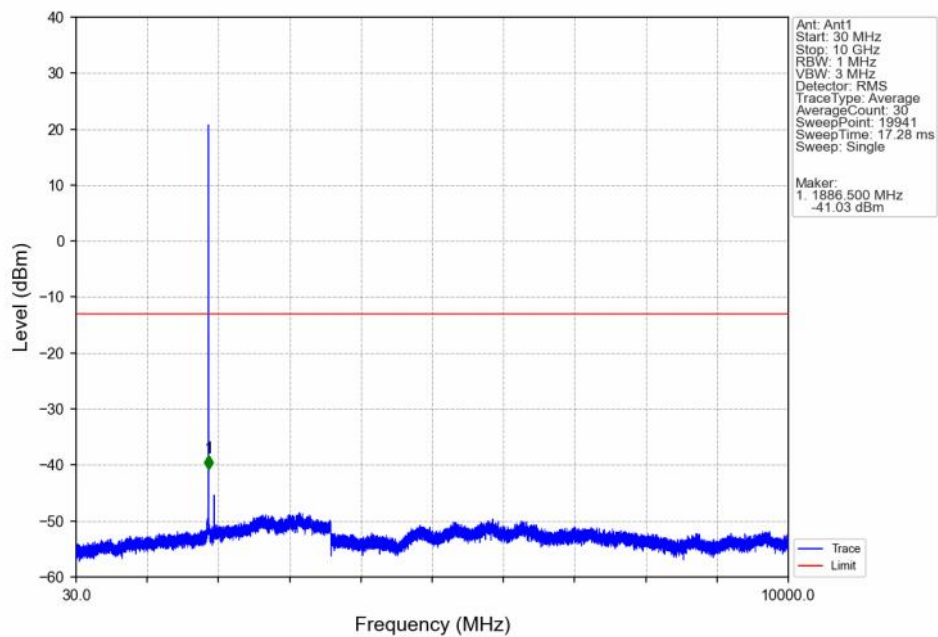
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



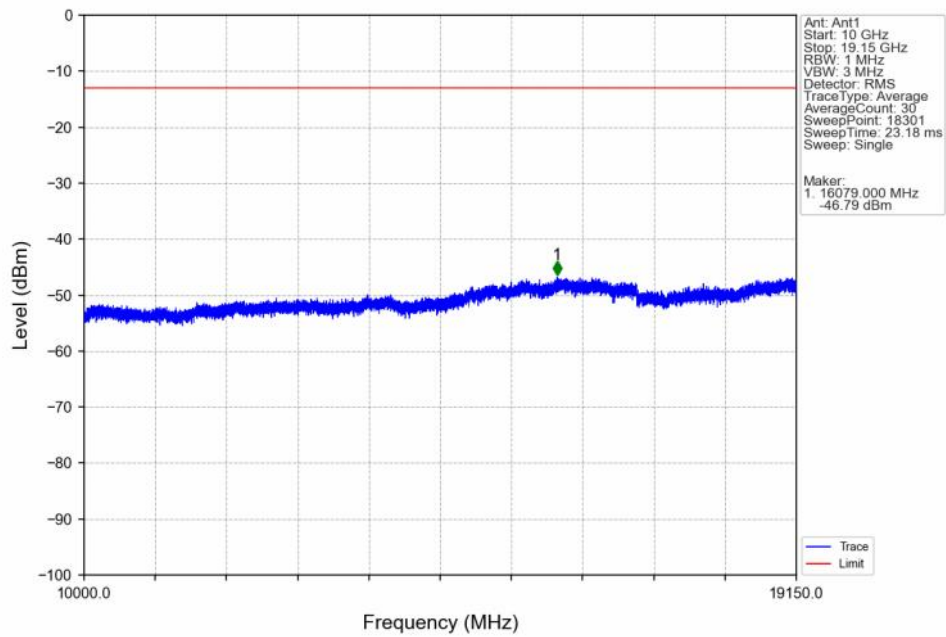
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



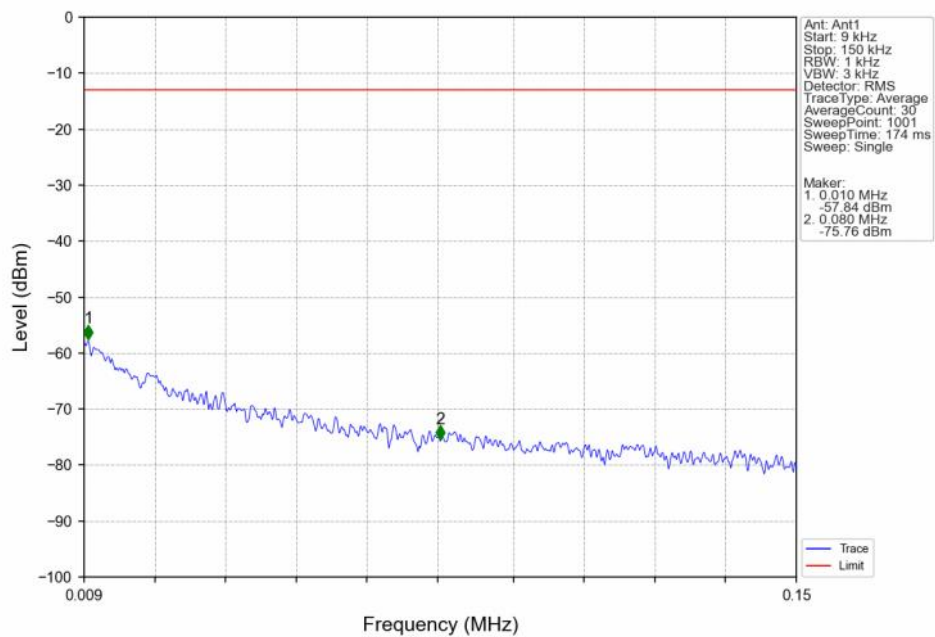
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



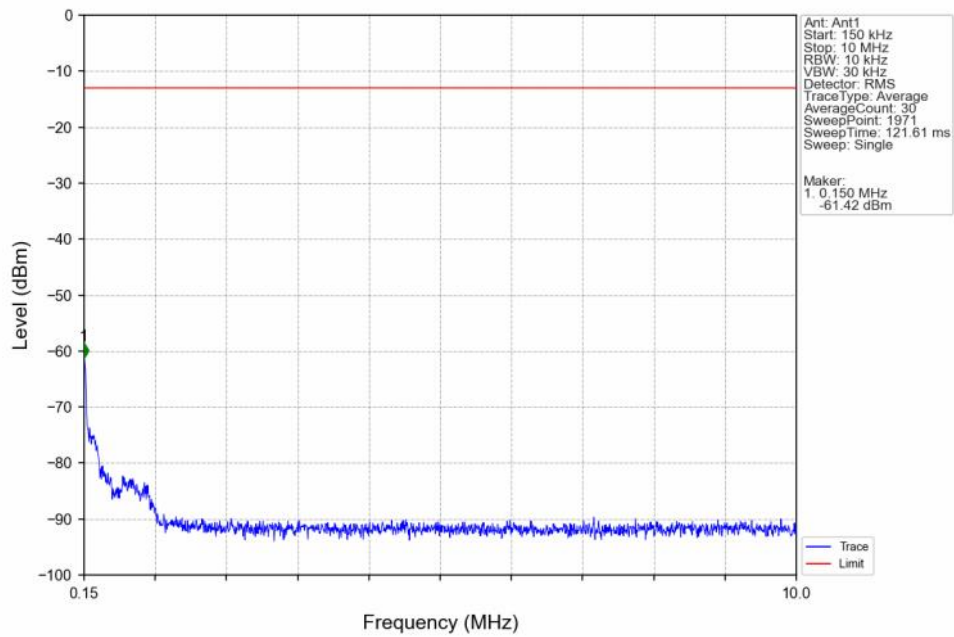
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



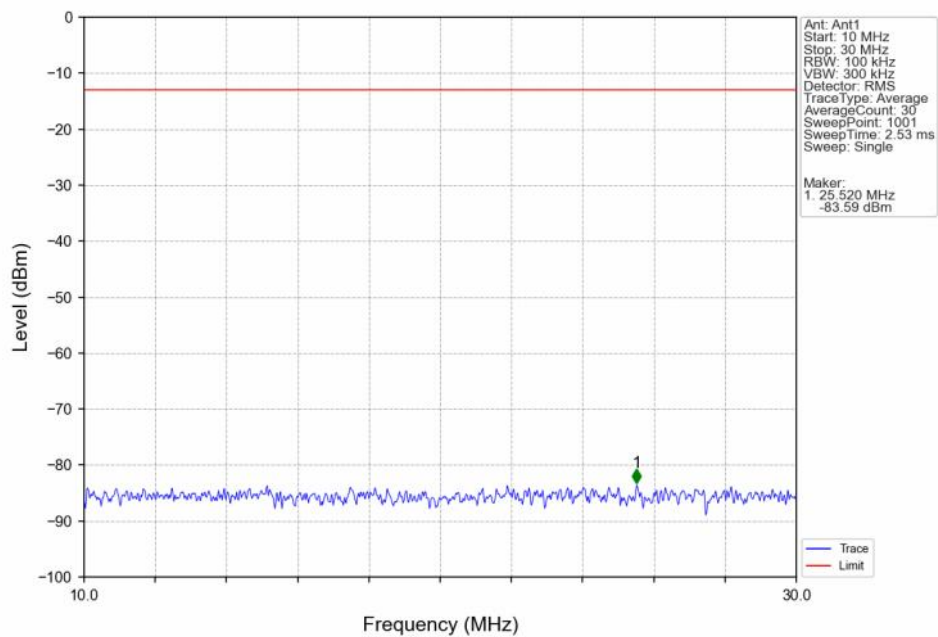
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



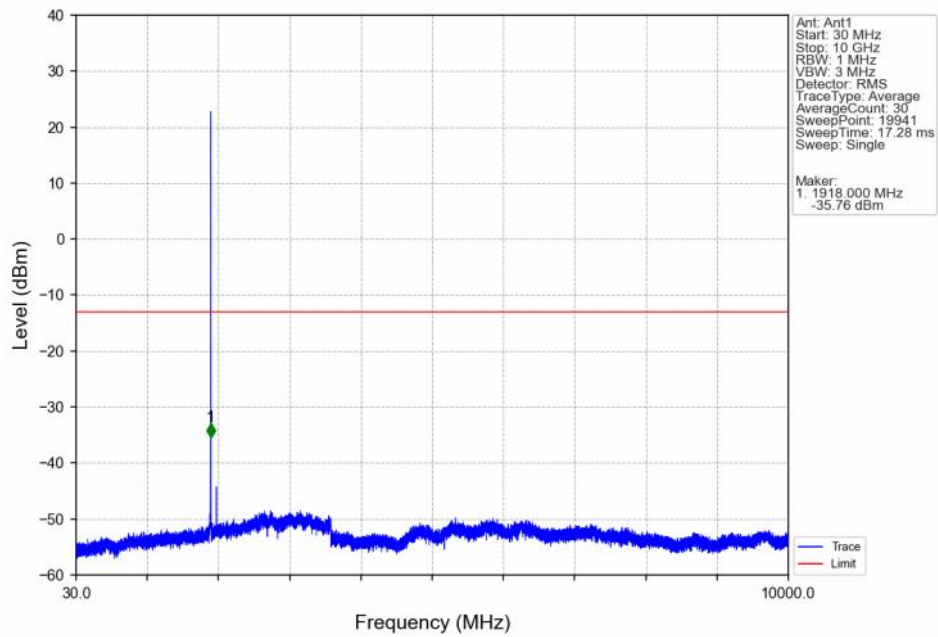
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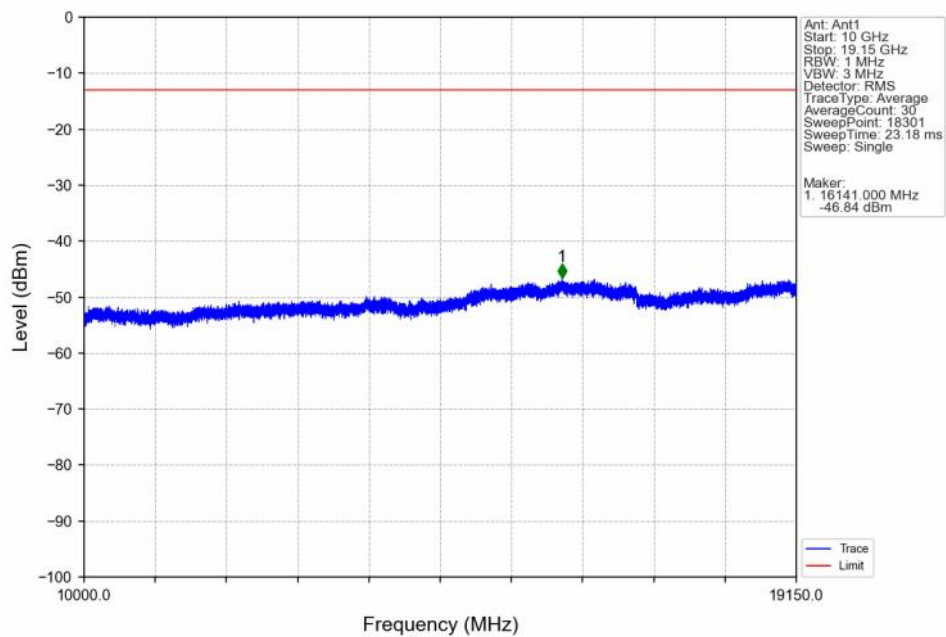
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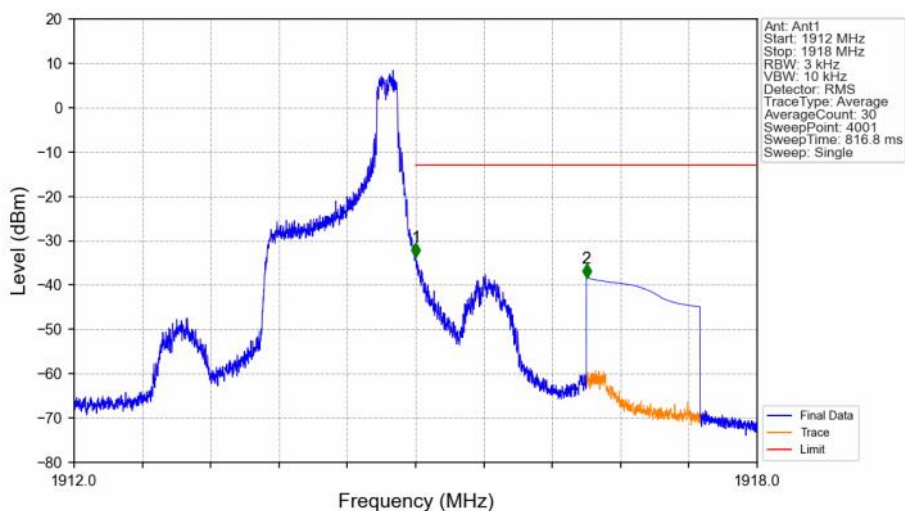
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV

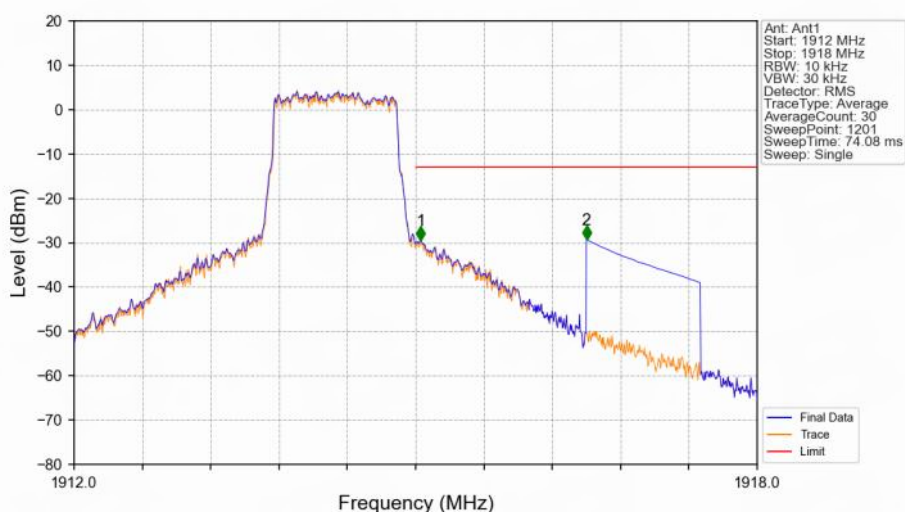


Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 5 NTNV



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	1915.003	-33.65	-13	Pass
1916	1918	1	CHP	2	1916.500	-38.35	-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	1915.045	-29.51	-13	Pass
1916	1918	1	CHP	2	1916.500	-29.28	-13	Pass