

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	21.39	0.66	22.05	<=30	Pass		
			2	21.43	0.66	22.09	<=30	Pass		
			5	21.41	0.66	22.07	<=30	Pass		
		3	0	21.28	0.66	21.94	<=30	Pass		
			2	21.37	0.66	22.03	<=30	Pass		
			3	21.27	0.66	21.93	<=30	Pass		
		6	0	20.40	0.66	21.06	<=30	Pass		
		1745	1	0	21.35	0.66	22.01	<=30	Pass	
				2	21.30	0.66	21.96	<=30	Pass	
	5			21.35	0.66	22.01	<=30	Pass		
	3		0	21.36	0.66	22.02	<=30	Pass		
			2	21.31	0.66	21.97	<=30	Pass		
			3	21.35	0.66	22.01	<=30	Pass		
	6		0	20.24	0.66	20.90	<=30	Pass		
	1779.3		1	0	21.33	0.66	21.99	<=30	Pass	
				2	21.48	0.66	22.14	<=30	Pass	
		5		21.42	0.66	22.08	<=30	Pass		
		3	0	21.48	0.66	22.14	<=30	Pass		
			2	21.36	0.66	22.02	<=30	Pass		
			3	21.40	0.66	22.06	<=30	Pass		
		6	0	20.45	0.66	21.11	<=30	Pass		
		16QAM	1710.7	1	0	21.66	0.66	22.32	<=30	Pass
					2	20.99	0.66	21.65	<=30	Pass
	5				21.06	0.66	21.72	<=30	Pass	
3	0			20.53	0.66	21.19	<=30	Pass		
	2			20.56	0.66	21.22	<=30	Pass		
	3			20.54	0.66	21.20	<=30	Pass		
6	0			19.54	0.66	20.20	<=30	Pass		
1745	1			0	21.09	0.66	21.75	<=30	Pass	
				2	21.11	0.66	21.77	<=30	Pass	
			5	21.08	0.66	21.74	<=30	Pass		
	3		0	20.01	0.66	20.67	<=30	Pass		
			2	20.06	0.66	20.72	<=30	Pass		
			3	20.07	0.66	20.73	<=30	Pass		
	6		0	19.41	0.66	20.07	<=30	Pass		
	1779.3		1	0	20.43	0.66	21.09	<=30	Pass	
				2	20.47	0.66	21.13	<=30	Pass	
5				20.42	0.66	21.08	<=30	Pass		
3			0	20.29	0.66	20.95	<=30	Pass		
			2	20.32	0.66	20.98	<=30	Pass		
			3	20.24	0.66	20.90	<=30	Pass		
6			0	19.51	0.66	20.17	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.43	0.66	22.09	<=30	Pass
			7	21.36	0.66	22.02	<=30	Pass
			14	21.34	0.66	22.00	<=30	Pass
		8	0	20.37	0.66	21.03	<=30	Pass
			4	20.44	0.66	21.10	<=30	Pass
			7	20.27	0.66	20.93	<=30	Pass
		15	0	20.34	0.66	21.00	<=30	Pass
	1745	1	0	21.25	0.66	21.91	<=30	Pass
			7	21.31	0.66	21.97	<=30	Pass
			14	21.23	0.66	21.89	<=30	Pass
		8	0	20.31	0.66	20.97	<=30	Pass
			4	20.39	0.66	21.05	<=30	Pass
			7	20.36	0.66	21.02	<=30	Pass
		15	0	20.34	0.66	21.00	<=30	Pass
	1778.5	1	0	21.46	0.66	22.12	<=30	Pass
			7	21.40	0.66	22.06	<=30	Pass
			14	21.41	0.66	22.07	<=30	Pass
		8	0	20.54	0.66	21.20	<=30	Pass
			4	20.43	0.66	21.09	<=30	Pass
			7	20.43	0.66	21.09	<=30	Pass
		15	0	20.51	0.66	21.17	<=30	Pass
16QAM	1711.5	1	0	20.33	0.66	20.99	<=30	Pass
			7	20.40	0.66	21.06	<=30	Pass
			14	20.31	0.66	20.97	<=30	Pass
		8	0	19.64	0.66	20.30	<=30	Pass
			4	19.64	0.66	20.30	<=30	Pass
			7	19.66	0.66	20.32	<=30	Pass
		15	0	19.48	0.66	20.14	<=30	Pass
	1745	1	0	21.17	0.66	21.83	<=30	Pass
			7	21.14	0.66	21.80	<=30	Pass
			14	21.14	0.66	21.80	<=30	Pass
		8	0	19.59	0.66	20.25	<=30	Pass
			4	19.61	0.66	20.27	<=30	Pass
			7	19.61	0.66	20.27	<=30	Pass
		15	0	19.48	0.66	20.14	<=30	Pass
	1778.5	1	0	21.44	0.66	22.10	<=30	Pass
			7	21.39	0.66	22.05	<=30	Pass
			14	21.36	0.66	22.02	<=30	Pass
		8	0	19.79	0.66	20.45	<=30	Pass
			4	19.81	0.66	20.47	<=30	Pass
			7	19.84	0.66	20.50	<=30	Pass
		15	0	19.59	0.66	20.25	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.15	0.66	21.81	<=30	Pass
			13	21.17	0.66	21.83	<=30	Pass
			24	21.22	0.66	21.88	<=30	Pass
		12	0	20.37	0.66	21.03	<=30	Pass
			6	20.36	0.66	21.02	<=30	Pass
			13	20.25	0.66	20.91	<=30	Pass

16QAM	1745	25	0	20.27	0.66	20.93	<=30	Pass
		1	0	21.33	0.66	21.99	<=30	Pass
			13	21.48	0.66	22.14	<=30	Pass
			24	21.46	0.66	22.12	<=30	Pass
		12	0	20.44	0.66	21.10	<=30	Pass
			6	20.42	0.66	21.08	<=30	Pass
			13	20.40	0.66	21.06	<=30	Pass
		25	0	20.36	0.66	21.02	<=30	Pass
	1777.5	1	0	21.43	0.66	22.09	<=30	Pass
			13	21.38	0.66	22.04	<=30	Pass
			24	21.35	0.66	22.01	<=30	Pass
		12	0	20.41	0.66	21.07	<=30	Pass
			6	20.34	0.66	21.00	<=30	Pass
			13	20.42	0.66	21.08	<=30	Pass
		25	0	20.39	0.66	21.05	<=30	Pass
	1712.5	1	0	20.91	0.66	21.57	<=30	Pass
			13	20.91	0.66	21.57	<=30	Pass
			24	20.97	0.66	21.63	<=30	Pass
		12	0	19.35	0.66	20.01	<=30	Pass
			6	19.38	0.66	20.04	<=30	Pass
			13	19.38	0.66	20.04	<=30	Pass
		25	0	19.53	0.66	20.19	<=30	Pass
	1745	1	0	20.83	0.66	21.49	<=30	Pass
			13	20.83	0.66	21.49	<=30	Pass
			24	20.83	0.66	21.49	<=30	Pass
		12	0	19.29	0.66	19.95	<=30	Pass
			6	19.41	0.66	20.07	<=30	Pass
			13	19.34	0.66	20.00	<=30	Pass
	1777.5	25	0	19.40	0.66	20.06	<=30	Pass
		1	0	20.01	0.66	20.67	<=30	Pass
			13	19.94	0.66	20.60	<=30	Pass
			24	20.00	0.66	20.66	<=30	Pass
		12	0	19.52	0.66	20.18	<=30	Pass
			6	19.48	0.66	20.14	<=30	Pass
			13	19.43	0.66	20.09	<=30	Pass
		25	0	19.54	0.66	20.20	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.29	0.66	21.95	<=30	Pass
			25	21.29	0.66	21.95	<=30	Pass
			49	21.34	0.66	22.00	<=30	Pass
		25	0	20.28	0.66	20.94	<=30	Pass
			13	20.36	0.66	21.02	<=30	Pass
			25	20.34	0.66	21.00	<=30	Pass
		50	0	20.40	0.66	21.06	<=30	Pass
	1745	1	0	21.30	0.66	21.96	<=30	Pass
			25	21.33	0.66	21.99	<=30	Pass
			49	21.33	0.66	21.99	<=30	Pass
		25	0	20.31	0.66	20.97	<=30	Pass
			13	20.38	0.66	21.04	<=30	Pass
			25	20.38	0.66	21.04	<=30	Pass
		50	0	20.41	0.66	21.07	<=30	Pass

16QAM	1775	1	0	21.38	0.66	22.04	<=30	Pass
			25	21.33	0.66	21.99	<=30	Pass
			49	21.36	0.66	22.02	<=30	Pass
		25	0	20.40	0.66	21.06	<=30	Pass
			13	20.37	0.66	21.03	<=30	Pass
			25	20.47	0.66	21.13	<=30	Pass
		50	0	20.36	0.66	21.02	<=30	Pass
			0	20.65	0.66	21.31	<=30	Pass
			25	20.71	0.66	21.37	<=30	Pass
	1715	1	49	20.60	0.66	21.26	<=30	Pass
			0	19.61	0.66	20.27	<=30	Pass
			13	19.90	0.66	20.56	<=30	Pass
		25	25	19.64	0.66	20.30	<=30	Pass
			0	19.80	0.66	20.46	<=30	Pass
			0	21.39	0.66	22.05	<=30	Pass
		1	25	21.29	0.66	21.95	<=30	Pass
			49	21.34	0.66	22.00	<=30	Pass
			0	19.45	0.66	20.11	<=30	Pass
	1745	25	13	19.46	0.66	20.12	<=30	Pass
			25	19.42	0.66	20.08	<=30	Pass
			0	19.49	0.66	20.15	<=30	Pass
		50	0	21.17	0.66	21.83	<=30	Pass
			25	21.12	0.66	21.78	<=30	Pass
			49	21.10	0.66	21.76	<=30	Pass
		1	0	19.49	0.66	20.15	<=30	Pass
			13	19.48	0.66	20.14	<=30	Pass
			25	19.48	0.66	20.14	<=30	Pass
	1775	50	0	19.56	0.66	20.22	<=30	Pass
			0	21.18	0.66	21.84	<=30	Pass
			38	21.18	0.66	21.84	<=30	Pass
		1	74	21.19	0.66	21.85	<=30	Pass
			0	20.41	0.66	21.07	<=30	Pass
			18	20.35	0.66	21.01	<=30	Pass
		36	39	20.32	0.66	20.98	<=30	Pass
			0	20.33	0.66	20.99	<=30	Pass
			0	21.30	0.66	21.96	<=30	Pass
		1	38	21.31	0.66	21.97	<=30	Pass
			74	21.40	0.66	22.06	<=30	Pass
			0	20.33	0.66	20.99	<=30	Pass
		36	18	20.36	0.66	21.02	<=30	Pass
			39	20.47	0.66	21.13	<=30	Pass
			0	20.32	0.66	20.98	<=30	Pass
		75	0	21.36	0.66	22.02	<=30	Pass
			38	21.34	0.66	22.00	<=30	Pass
			74	21.30	0.66	21.96	<=30	Pass
		1	0	20.44	0.66	21.10	<=30	Pass
			18	20.48	0.66	21.14	<=30	Pass
			39	20.38	0.66	21.04	<=30	Pass
		36	0	20.37	0.66	21.03	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.18	0.66	21.84	<=30	Pass
			38	21.18	0.66	21.84	<=30	Pass
			74	21.19	0.66	21.85	<=30	Pass
		36	0	20.41	0.66	21.07	<=30	Pass
			18	20.35	0.66	21.01	<=30	Pass
			39	20.32	0.66	20.98	<=30	Pass
		75	0	20.33	0.66	20.99	<=30	Pass
			0	21.30	0.66	21.96	<=30	Pass
			38	21.31	0.66	21.97	<=30	Pass
	1745	1	74	21.40	0.66	22.06	<=30	Pass
			0	20.33	0.66	20.99	<=30	Pass
			18	20.36	0.66	21.02	<=30	Pass
		36	39	20.47	0.66	21.13	<=30	Pass
			0	20.32	0.66	20.98	<=30	Pass
			0	21.36	0.66	22.02	<=30	Pass
		75	38	21.34	0.66	22.00	<=30	Pass
			74	21.30	0.66	21.96	<=30	Pass
			0	20.44	0.66	21.10	<=30	Pass
	1772.5	1	18	20.48	0.66	21.14	<=30	Pass
			39	20.38	0.66	21.04	<=30	Pass
			0	20.37	0.66	21.03	<=30	Pass
		36	0	21.13	0.66	21.79	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass
		1	0	21.13	0.66	21.79	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass
			0	21.13	0.66	21.79	<=30	Pass
16QAM	1717.5	1	0	21.13	0.66	21.79	<=30	Pass

			38	21.18	0.66	21.84	<=30	Pass	
			74	21.18	0.66	21.84	<=30	Pass	
		36	0	19.74	0.66	20.40	<=30	Pass	
			18	19.46	0.66	20.12	<=30	Pass	
			39	19.45	0.66	20.11	<=30	Pass	
			75	0	19.47	0.66	20.13	<=30	Pass
		1745	1	0	21.77	0.66	22.43	<=30	Pass
				38	21.30	0.66	21.96	<=30	Pass
	74			21.41	0.66	22.07	<=30	Pass	
	36		0	19.50	0.66	20.16	<=30	Pass	
			18	19.52	0.66	20.18	<=30	Pass	
			39	19.44	0.66	20.10	<=30	Pass	
	75		0	19.53	0.66	20.19	<=30	Pass	
	1772.5		1	0	21.37	0.66	22.03	<=30	Pass
		38		21.38	0.66	22.04	<=30	Pass	
		74		21.37	0.66	22.03	<=30	Pass	
		36	0	19.55	0.66	20.21	<=30	Pass	
			18	19.52	0.66	20.18	<=30	Pass	
			39	19.52	0.66	20.18	<=30	Pass	
		75	0	19.57	0.66	20.23	<=30	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.32	0.66	21.98	<=30	Pass
			50	21.38	0.66	22.04	<=30	Pass
			99	21.39	0.66	22.05	<=30	Pass
		50	0	20.39	0.66	21.05	<=30	Pass
			25	20.42	0.66	21.08	<=30	Pass
			50	20.28	0.66	20.94	<=30	Pass
		100	0	20.40	0.66	21.06	<=30	Pass
			0	21.41	0.66	22.07	<=30	Pass
			50	21.33	0.66	21.99	<=30	Pass
		1	50	21.32	0.66	21.98	<=30	Pass
			99	21.32	0.66	21.98	<=30	Pass
			0	20.35	0.66	21.01	<=30	Pass
	1745	50	25	20.40	0.66	21.06	<=30	Pass
			50	20.30	0.66	20.96	<=30	Pass
			50	20.30	0.66	20.96	<=30	Pass
		100	0	20.35	0.66	21.01	<=30	Pass
			0	21.50	0.66	22.16	<=30	Pass
			50	21.50	0.66	22.16	<=30	Pass
		1	99	21.47	0.66	22.13	<=30	Pass
			0	20.38	0.66	21.04	<=30	Pass
			25	20.39	0.66	21.05	<=30	Pass
		50	50	20.34	0.66	21.00	<=30	Pass
			0	20.43	0.66	21.09	<=30	Pass
			0	20.43	0.66	21.09	<=30	Pass
16QAM	1720	1	0	21.62	0.66	22.28	<=30	Pass
			50	21.70	0.66	22.36	<=30	Pass
			99	21.68	0.66	22.34	<=30	Pass
		50	0	19.78	0.66	20.44	<=30	Pass
			25	19.45	0.66	20.11	<=30	Pass
			50	19.41	0.66	20.07	<=30	Pass
		100	0	19.49	0.66	20.15	<=30	Pass
			0	21.32	0.66	21.98	<=30	Pass
			50	21.21	0.66	21.87	<=30	Pass
	1745	1	0	21.32	0.66	21.98	<=30	Pass
			50	21.21	0.66	21.87	<=30	Pass
			0	21.32	0.66	21.98	<=30	Pass

		50	99	21.30	0.66	21.96	<=30	Pass
			0	19.51	0.66	20.17	<=30	Pass
			25	19.56	0.66	20.22	<=30	Pass
			50	19.33	0.66	19.99	<=30	Pass
	100	0	0	19.37	0.66	20.03	<=30	Pass
			0	20.96	0.66	21.62	<=30	Pass
			50	20.92	0.66	21.58	<=30	Pass
			99	20.87	0.66	21.53	<=30	Pass
	1770	1	0	19.54	0.66	20.20	<=30	Pass
			25	19.51	0.66	20.17	<=30	Pass
			50	19.53	0.66	20.19	<=30	Pass
			100	0	19.51	20.17	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / 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	1710.7	6	0	20	3.27	-20.313	-0.0119	-2.5 to 2.5	Pass
					3.85	-26.565	-0.0155	-2.5 to 2.5	Pass
					4.43	-20.099	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-24.433	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-23.460	-0.0137	-2.5 to 2.5	Pass
				-10	3.85	-33.760	-0.0197	-2.5 to 2.5	Pass
				0	3.85	-16.236	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-21.915	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-25.592	-0.0150	-2.5 to 2.5	Pass
				40	3.85	-20.900	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-13.804	-0.0081	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	3.633	0.0021	-2.5 to 2.5	Pass
					3.85	-23.146	-0.0133	-2.5 to 2.5	Pass
					4.43	-8.841	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-34.332	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-35.119	-0.0201	-2.5 to 2.5	Pass
				-10	3.85	-19.569	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-30.756	-0.0176	-2.5 to 2.5	Pass
				30	3.85	-13.747	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-30.785	-0.0176	-2.5 to 2.5	Pass
				50	3.85	-18.411	-0.0106	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	9.513	0.0053	-2.5 to 2.5	Pass
					3.85	2.718	0.0015	-2.5 to 2.5	Pass
					4.43	-3.233	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-20.943	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-30.713	-0.0173	-2.5 to 2.5	Pass
				-10	3.85	-39.926	-0.0224	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-10.271	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-19.126	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-29.426	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-37.436	-0.0210	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-28.868	-0.0169	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
					4.43	-41.914	-0.0245	-2.5 to 2.5	Pass
				-30	3.85	-15.178	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-36.178	-0.0211	-2.5 to 2.5	Pass
				-10	3.85	-19.598	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-18.039	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-28.439	-0.0163	-2.5 to 2.5	Pass
					3.85	-45.419	-0.0260	-2.5 to 2.5	Pass
					4.43	-4.334	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-9.899	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-25.206	-0.0144	-2.5 to 2.5	Pass
				0	3.85	-32.644	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-36.879	-0.0211	-2.5 to 2.5	Pass
				30	3.85	5.436	0.0031	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-6.595	-0.0037	-2.5 to 2.5	Pass
					3.85	-9.699	-0.0055	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-9.212	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-9.928	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-9.685	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-11.973	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-13.075	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-18.511	-0.0104	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	15.178	0.0089	-2.5 to 2.5	Pass
					3.85	-13.146	-0.0077	-2.5 to 2.5	Pass
					4.43	-16.265	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-24.333	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	-14.262	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-26.779	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-23.961	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-16.980	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	12.646	0.0072	-2.5 to 2.5	Pass
					3.85	3.290	0.0019	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-19.369	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-20.614	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-24.934	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-26.250	-0.0150	-2.5 to 2.5	Pass

				10	3.85	-25.520	-0.0146	-2.5 to 2.5	Pass
				30	3.85	-27.237	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-30.799	-0.0176	-2.5 to 2.5	Pass
				50	3.85	-28.152	-0.0161	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	17.681	0.0099	-2.5 to 2.5	Pass
					3.85	0.801	0.0005	-2.5 to 2.5	Pass
					4.43	3.562	0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				-20	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				-10	3.85	3.133	0.0018	-2.5 to 2.5	Pass
				0	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-13.990	-0.0082	-2.5 to 2.5	Pass
					3.85	-25.349	-0.0148	-2.5 to 2.5	Pass
					4.43	-25.520	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-25.749	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-36.163	-0.0211	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.601	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.475	0.0014	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-33.288	-0.0191	-2.5 to 2.5	Pass
					3.85	-30.971	-0.0177	-2.5 to 2.5	Pass
					4.43	-35.648	-0.0204	-2.5 to 2.5	Pass
				-30	3.85	-31.857	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-32.272	-0.0185	-2.5 to 2.5	Pass
				-10	3.85	-34.933	-0.0200	-2.5 to 2.5	Pass
				0	3.85	-33.274	-0.0191	-2.5 to 2.5	Pass
				10	3.85	-34.947	-0.0200	-2.5 to 2.5	Pass
				30	3.85	-33.817	-0.0194	-2.5 to 2.5	Pass
				40	3.85	-28.424	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-26.693	-0.0153	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-10.872	-0.0061	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
					4.43	3.133	0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.177	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	9.527	0.0056	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
					4.43	-8.783	-0.0051	-2.5 to 2.5	Pass

				-30	3.85	-34.819	-0.0203	-2.5 to 2.5	Pass
				-20	3.85	-34.990	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-38.881	-0.0227	-2.5 to 2.5	Pass
				0	3.85	-22.345	-0.0130	-2.5 to 2.5	Pass
				10	3.85	2.460	0.0014	-2.5 to 2.5	Pass
				30	3.85	-9.928	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-21.000	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-21.787	-0.0127	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	6.409	0.0037	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
					4.43	-11.315	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-21.300	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-19.240	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-23.189	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-30.756	-0.0176	-2.5 to 2.5	Pass
				10	3.85	-28.381	-0.0163	-2.5 to 2.5	Pass
				30	3.85	-29.783	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-29.769	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-33.832	-0.0194	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	3.805	0.0021	-2.5 to 2.5	Pass
					3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.180	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-11.802	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.210	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-32.301	-0.0189	-2.5 to 2.5	Pass
					3.85	-28.539	-0.0167	-2.5 to 2.5	Pass
					4.43	-29.297	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-34.604	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-5.608	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-10.715	-0.0063	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-34.003	-0.0195	-2.5 to 2.5	Pass
					3.85	-32.701	-0.0187	-2.5 to 2.5	Pass
					4.43	-32.887	-0.0188	-2.5 to 2.5	Pass
				-30	3.85	-28.582	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-26.836	-0.0154	-2.5 to 2.5	Pass
				-10	3.85	-34.804	-0.0199	-2.5 to 2.5	Pass
				0	3.85	-29.984	-0.0172	-2.5 to 2.5	Pass
				10	3.85	-30.241	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-29.240	-0.0168	-2.5 to 2.5	Pass
				40	3.85	-33.345	-0.0191	-2.5 to 2.5	Pass
				50	3.85	-37.565	-0.0215	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	1.345	0.0008	-2.5 to 2.5	Pass
					3.85	4.864	0.0027	-2.5 to 2.5	Pass
					4.43	1.631	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-11.058	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0039	-2.5 to 2.5	Pass

				10	3.85	-7.110	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-10.571	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-15.292	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	5.894	0.0034	-2.5 to 2.5	Pass
					3.85	-24.576	-0.0143	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-11.344	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-23.704	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-37.179	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-11.358	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-11.244	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-15.235	-0.0089	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	11.101	0.0064	-2.5 to 2.5	Pass
					3.85	2.131	0.0012	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.968	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				30	3.85	7.381	0.0042	-2.5 to 2.5	Pass
				40	3.85	9.327	0.0053	-2.5 to 2.5	Pass
				50	3.85	8.025	0.0046	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	8.068	0.0045	-2.5 to 2.5	Pass
					3.85	-11.816	-0.0067	-2.5 to 2.5	Pass
					4.43	-7.439	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	3.762	0.0021	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				40	3.85	4.492	0.0025	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-12.302	-0.0072	-2.5 to 2.5	Pass
					3.85	-16.923	-0.0099	-2.5 to 2.5	Pass
					4.43	-12.031	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-13.161	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-13.075	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-13.175	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-10.042	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-14.834	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-13.332	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-14.963	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-11.015	-0.0064	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	11.387	0.0065	-2.5 to 2.5	Pass
					3.85	9.956	0.0057	-2.5 to 2.5	Pass
					4.43	12.059	0.0069	-2.5 to 2.5	Pass

				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-10	3.85	16.336	0.0094	-2.5 to 2.5	Pass
				0	3.85	13.561	0.0078	-2.5 to 2.5	Pass
				10	3.85	7.725	0.0044	-2.5 to 2.5	Pass
				30	3.85	6.480	0.0037	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	18.225	0.0103	-2.5 to 2.5	Pass
					3.85	17.695	0.0100	-2.5 to 2.5	Pass
					4.43	12.302	0.0069	-2.5 to 2.5	Pass
				-30	3.85	8.039	0.0045	-2.5 to 2.5	Pass
				-20	3.85	6.237	0.0035	-2.5 to 2.5	Pass
				-10	3.85	4.249	0.0024	-2.5 to 2.5	Pass
				0	3.85	7.267	0.0041	-2.5 to 2.5	Pass
				10	3.85	-3.963	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	6.223	0.0035	-2.5 to 2.5	Pass
				50	3.85	1.101	0.0006	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	6.037	0.0035	-2.5 to 2.5	Pass
					3.85	-24.648	-0.0144	-2.5 to 2.5	Pass
					4.43	-30.055	-0.0175	-2.5 to 2.5	Pass
				-30	3.85	-21.214	-0.0124	-2.5 to 2.5	Pass
				-20	3.85	-41.599	-0.0242	-2.5 to 2.5	Pass
				-10	3.85	-47.851	-0.0279	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-17.424	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-21.172	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-31.800	-0.0185	-2.5 to 2.5	Pass
				50	3.85	-29.883	-0.0174	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	7.610	0.0044	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				0	3.85	5.322	0.0030	-2.5 to 2.5	Pass
				10	3.85	11.001	0.0063	-2.5 to 2.5	Pass
				30	3.85	11.373	0.0065	-2.5 to 2.5	Pass
				40	3.85	9.141	0.0052	-2.5 to 2.5	Pass
				50	3.85	12.231	0.0070	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	10.629	0.0060	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-14.563	-0.0082	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				40	3.85	1.602	0.0009	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				20	3.27	-26.779	-0.0156	-2.5 to 2.5	Pass
					3.85	-25.249	-0.0147	-2.5 to 2.5	Pass
					4.43	-24.190	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-27.895	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-21.615	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-21.687	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-27.752	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-21.887	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-19.569	-0.0114	-2.5 to 2.5	Pass
	1745	75	0	40	3.85	-19.813	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-27.266	-0.0159	-2.5 to 2.5	Pass
				20	3.27	15.721	0.0090	-2.5 to 2.5	Pass
					3.85	15.092	0.0086	-2.5 to 2.5	Pass
					4.43	20.814	0.0119	-2.5 to 2.5	Pass
				-30	3.85	15.535	0.0089	-2.5 to 2.5	Pass
				-20	3.85	11.201	0.0064	-2.5 to 2.5	Pass
				-10	3.85	8.740	0.0050	-2.5 to 2.5	Pass
				0	3.85	9.871	0.0057	-2.5 to 2.5	Pass
				10	3.85	13.833	0.0079	-2.5 to 2.5	Pass
	1772.5	75	0	30	3.85	11.344	0.0065	-2.5 to 2.5	Pass
				40	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				50	3.85	6.909	0.0040	-2.5 to 2.5	Pass
				20	3.27	1.874	0.0011	-2.5 to 2.5	Pass
					3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
					4.43	1.645	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				-20	3.85	3.963	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0027	-2.5 to 2.5	Pass
				0	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-8.640	-0.0049	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	18.010	0.0105	-2.5 to 2.5	Pass
					3.85	-9.155	-0.0053	-2.5 to 2.5	Pass
					4.43	-15.464	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-13.318	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-33.746	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-14.434	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
				10	3.85	21.744	0.0126	-2.5 to 2.5	Pass
				30	3.85	12.617	0.0073	-2.5 to 2.5	Pass
				40	3.85	17.896	0.0104	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	17.653	0.0103	-2.5 to 2.5	Pass
				20	3.27	-23.389	-0.0134	-2.5 to 2.5	Pass
					3.85	-21.873	-0.0125	-2.5 to 2.5	Pass
					4.43	-18.239	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-23.832	-0.0137	-2.5 to 2.5	Pass
				-20	3.85	-28.610	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-13.103	-0.0075	-2.5 to 2.5	Pass

				0	3.85	-11.473	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-19.455	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-35.448	-0.0203	-2.5 to 2.5	Pass
				40	3.85	-36.807	-0.0211	-2.5 to 2.5	Pass
				50	3.85	-32.501	-0.0186	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	6.480	0.0037	-2.5 to 2.5	Pass
					3.85	-14.105	-0.0080	-2.5 to 2.5	Pass
					4.43	-10.443	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-15.764	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-11.587	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0021	-2.5 to 2.5	Pass
				10	3.85	9.856	0.0056	-2.5 to 2.5	Pass
				30	3.85	8.011	0.0045	-2.5 to 2.5	Pass
				40	3.85	6.194	0.0035	-2.5 to 2.5	Pass
				50	3.85	3.190	0.0018	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	14.563	0.0085	-2.5 to 2.5	Pass
					3.85	22.888	0.0133	-2.5 to 2.5	Pass
					4.43	20.785	0.0121	-2.5 to 2.5	Pass
				-30	3.85	-30.355	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-17.009	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-13.833	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-29.612	-0.0172	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-25.921	-0.0151	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-38.724	-0.0222	-2.5 to 2.5	Pass
					3.85	-25.320	-0.0145	-2.5 to 2.5	Pass
					4.43	-36.821	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-38.223	-0.0219	-2.5 to 2.5	Pass
				-20	3.85	-12.331	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-18.497	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-32.358	-0.0185	-2.5 to 2.5	Pass
				10	3.85	-11.358	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				40	3.85	9.742	0.0056	-2.5 to 2.5	Pass
				50	3.85	3.576	0.0020	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	11.702	0.0066	-2.5 to 2.5	Pass
					3.85	10.929	0.0062	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-13.289	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-16.236	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-15.650	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-11.401	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-13.933	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-11.358	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-15.106	-0.0085	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

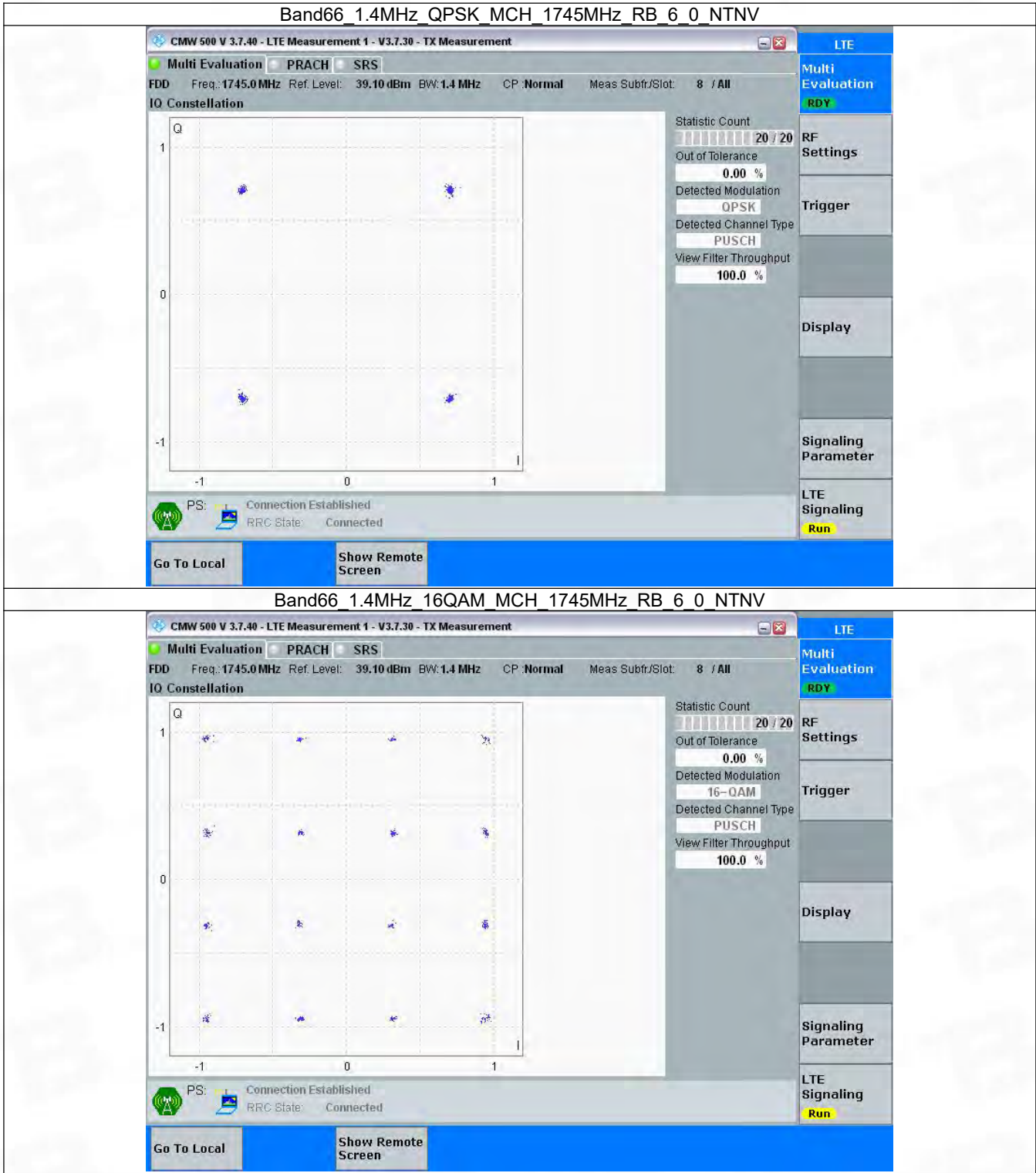
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

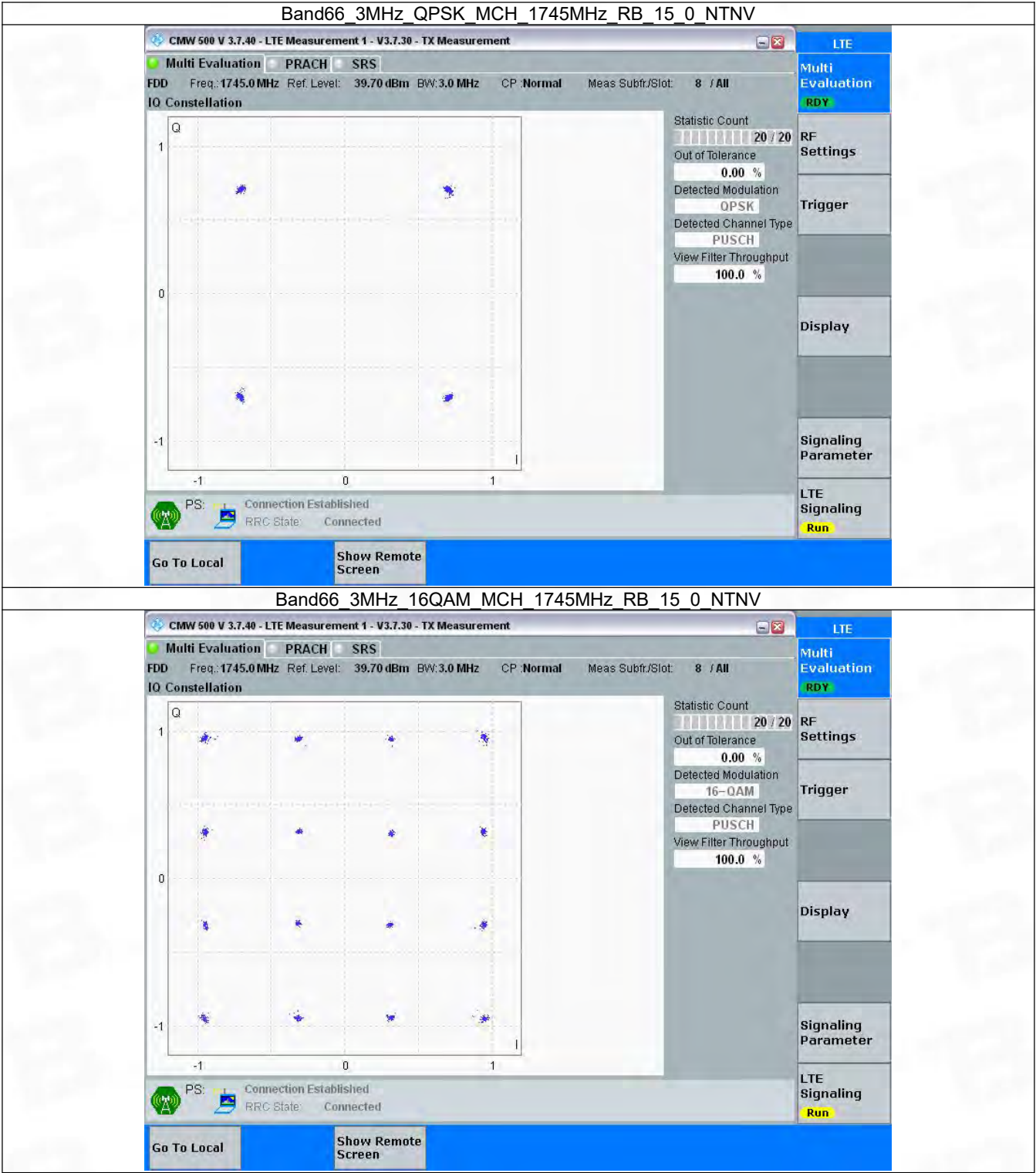
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

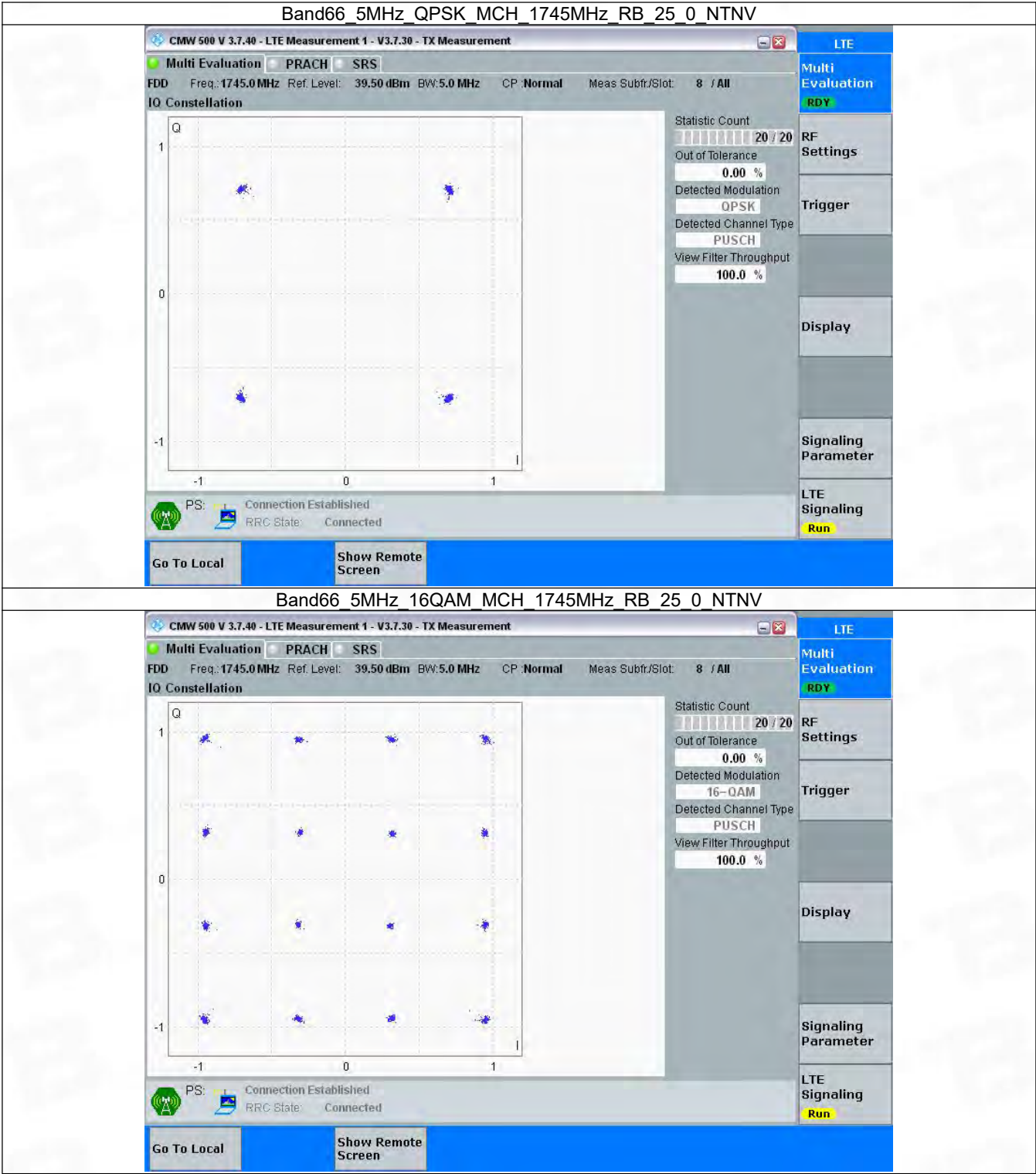
3.2.1 B66_1.4MHz



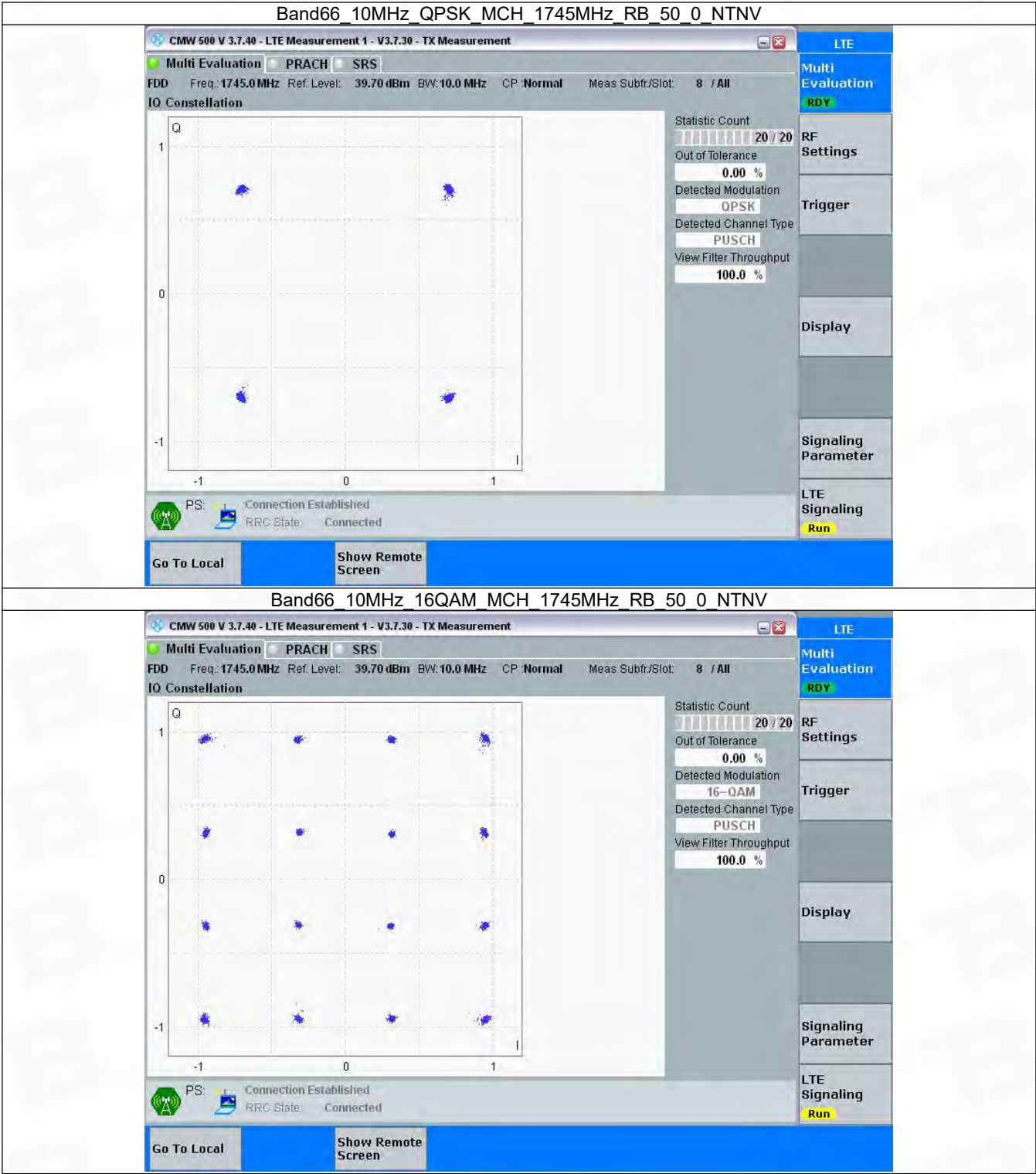
3.2.2 B66_3MHz



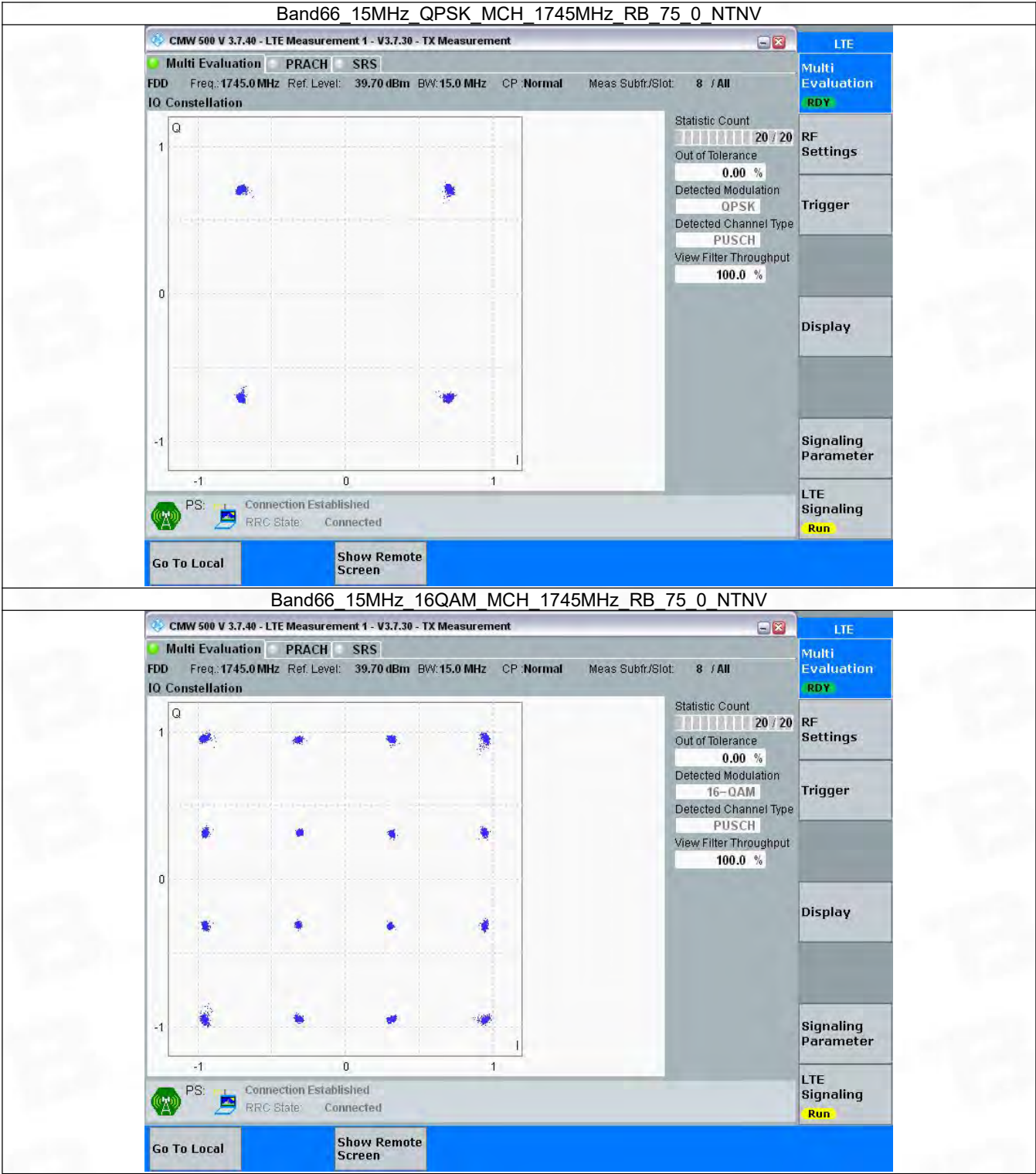
3.2.3 B66_5MHz



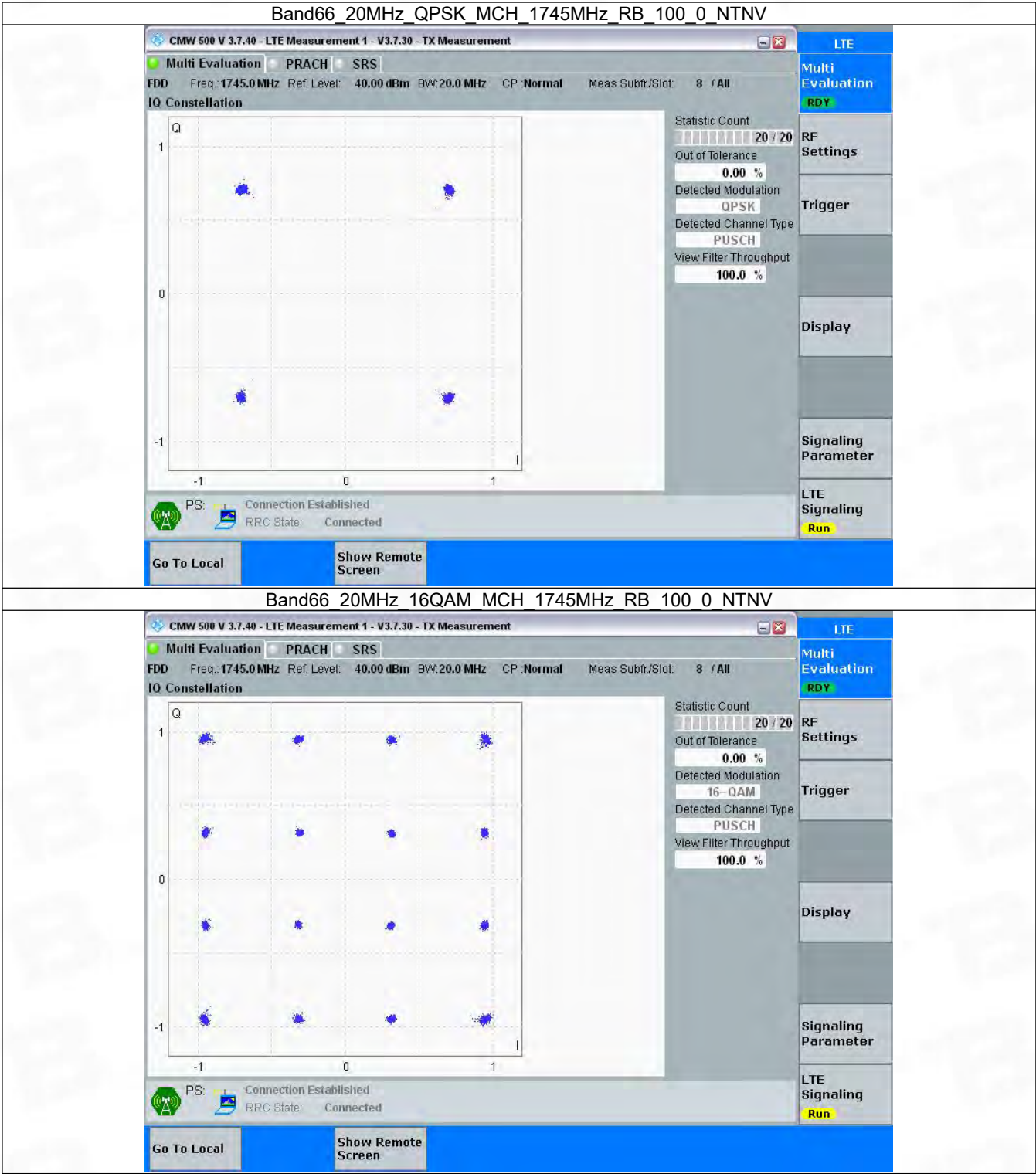
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.126	/	Pass
		1779.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.751	/	Pass
		1745	15	0	2.763	/	Pass
		1778.5	15	0	2.756	/	Pass
	16QAM	1711.5	15	0	2.768	/	Pass
		1745	15	0	2.746	/	Pass
		1778.5	15	0	2.769	/	Pass
5	QPSK	1712.5	25	0	4.541	/	Pass
		1745	25	0	4.547	/	Pass
		1777.5	25	0	4.556	/	Pass
	16QAM	1712.5	25	0	4.581	/	Pass
		1745	25	0	4.552	/	Pass
		1777.5	25	0	4.534	/	Pass
10	QPSK	1715	50	0	9.087	/	Pass
		1745	50	0	9.066	/	Pass
		1775	50	0	9.068	/	Pass
	16QAM	1715	50	0	9.063	/	Pass
		1745	50	0	9.086	/	Pass
		1775	50	0	9.099	/	Pass
15	QPSK	1717.5	75	0	13.577	/	Pass
		1745	75	0	13.586	/	Pass
		1772.5	75	0	13.611	/	Pass
	16QAM	1717.5	75	0	13.591	/	Pass
		1745	75	0	13.604	/	Pass
		1772.5	75	0	13.609	/	Pass
20	QPSK	1720	100	0	18.179	/	Pass
		1745	100	0	18.166	/	Pass
		1770	100	0	18.160	/	Pass
	16QAM	1720	100	0	18.144	/	Pass
		1745	100	0	18.162	/	Pass
		1770	100	0	18.156	/	Pass

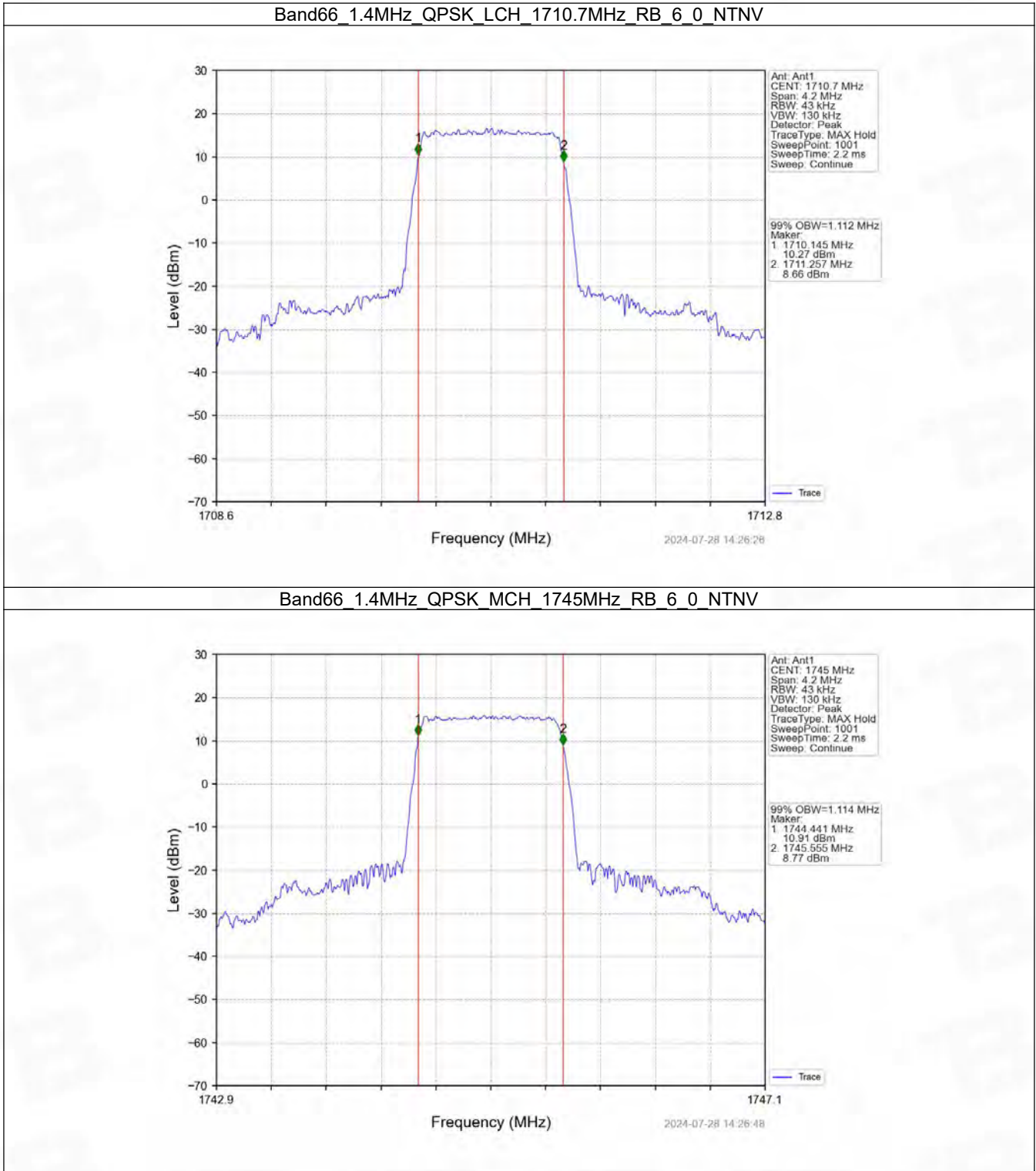
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.278	/	Pass
		1745	6	0	1.275	/	Pass
		1779.3	6	0	1.269	/	Pass

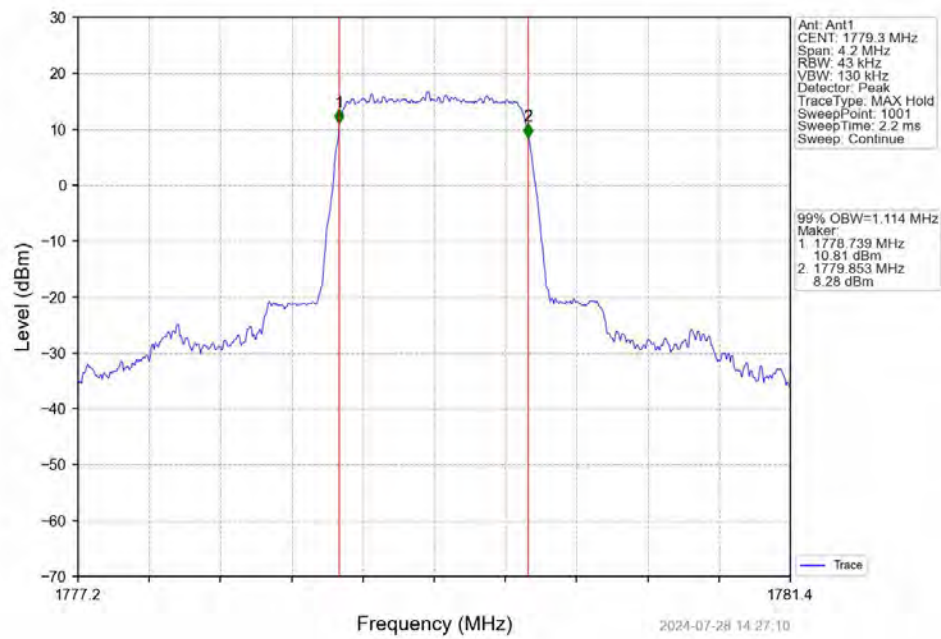
	16QAM	1710.7	6	0	1.268	/	Pass
		1745	6	0	1.271	/	Pass
		1779.3	6	0	1.234	/	Pass
3	QPSK	1711.5	15	0	3.077	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.119	/	Pass
	16QAM	1711.5	15	0	3.102	/	Pass
		1745	15	0	3.101	/	Pass
		1778.5	15	0	3.103	/	Pass
5	QPSK	1712.5	25	0	5.073	/	Pass
		1745	25	0	5.084	/	Pass
		1777.5	25	0	5.048	/	Pass
	16QAM	1712.5	25	0	5.075	/	Pass
		1745	25	0	5.093	/	Pass
		1777.5	25	0	5.049	/	Pass
10	QPSK	1715	50	0	10.104	/	Pass
		1745	50	0	10.008	/	Pass
		1775	50	0	9.978	/	Pass
	16QAM	1715	50	0	10.025	/	Pass
		1745	50	0	10.021	/	Pass
		1775	50	0	10.052	/	Pass
15	QPSK	1717.5	75	0	15.142	/	Pass
		1745	75	0	15.076	/	Pass
		1772.5	75	0	15.179	/	Pass
	16QAM	1717.5	75	0	15.180	/	Pass
		1745	75	0	15.287	/	Pass
		1772.5	75	0	15.195	/	Pass
20	QPSK	1720	100	0	20.042	/	Pass
		1745	100	0	20.052	/	Pass
		1770	100	0	19.937	/	Pass
	16QAM	1720	100	0	20.027	/	Pass
		1745	100	0	20.116	/	Pass
		1770	100	0	20.031	/	Pass

4.2 Test Graph

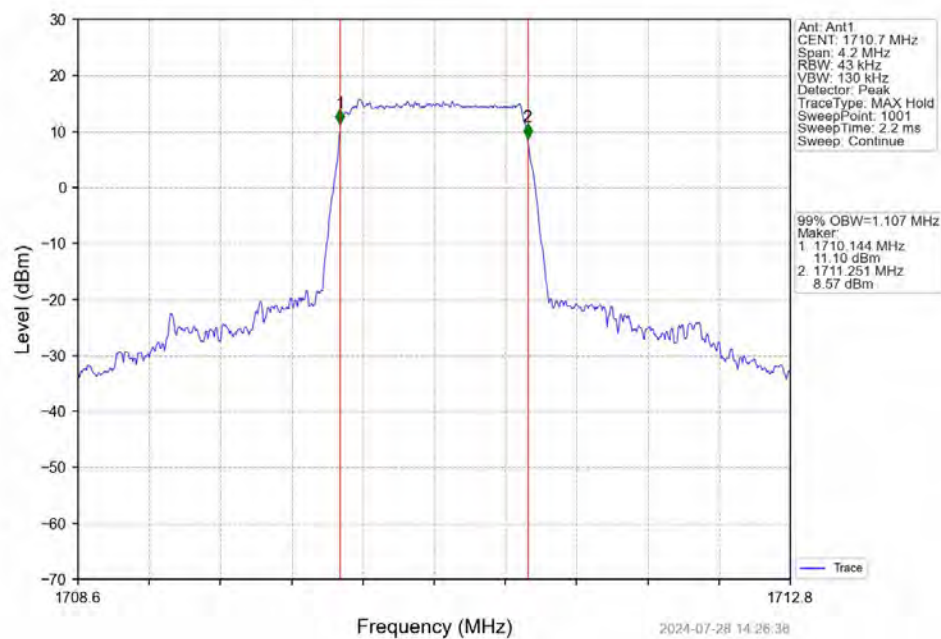
4.2.1 Band66_OBW



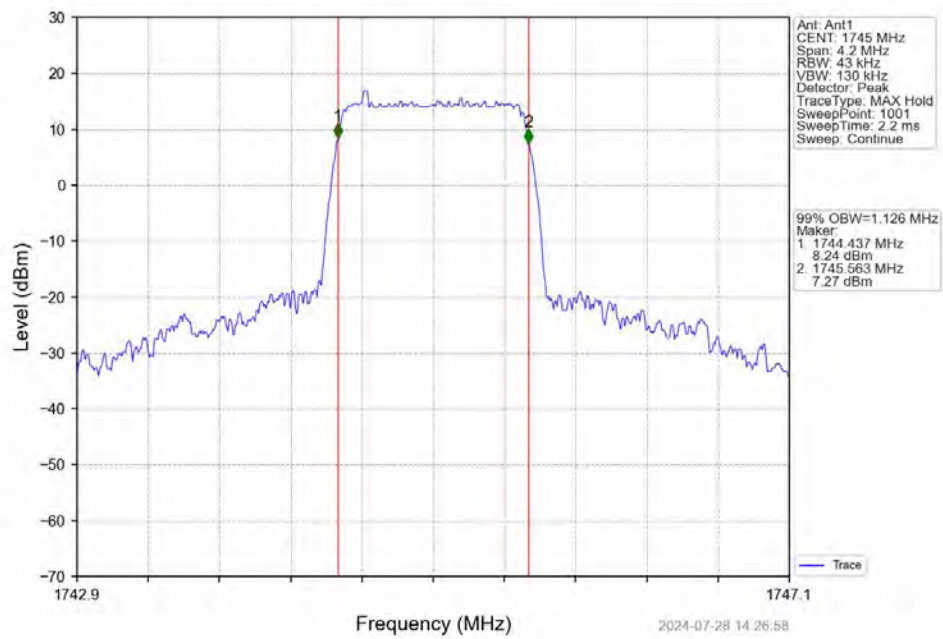
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



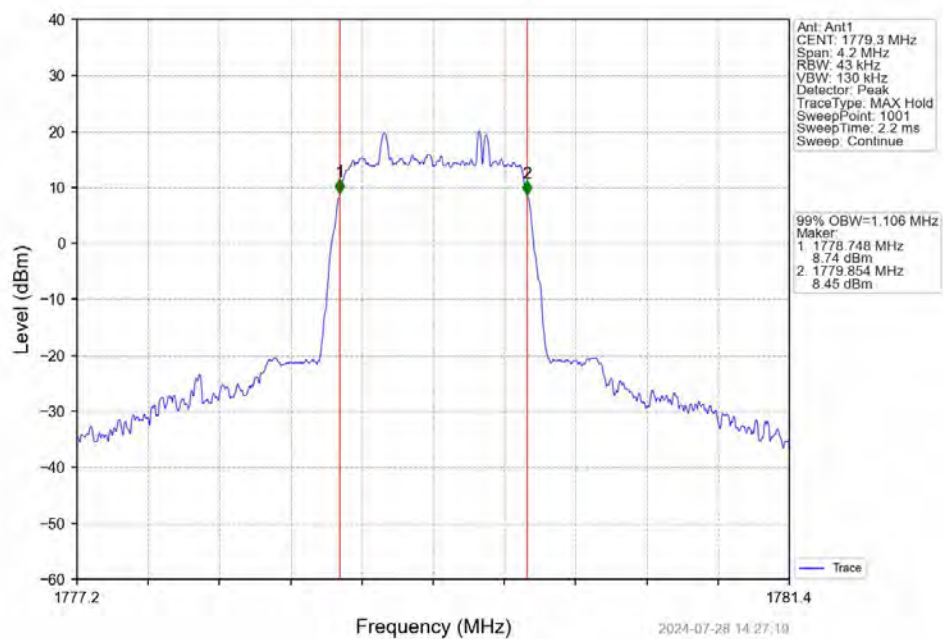
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



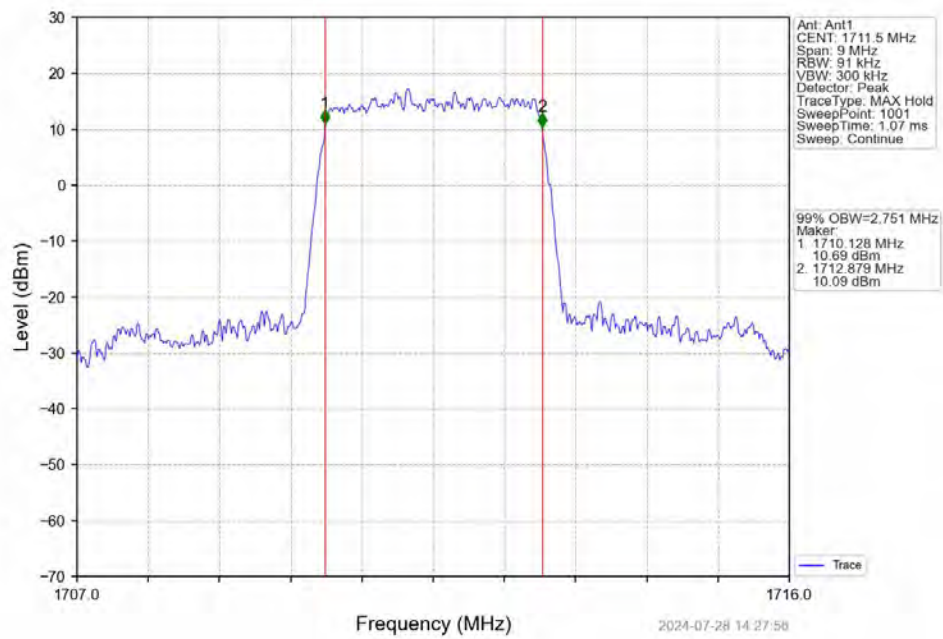
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



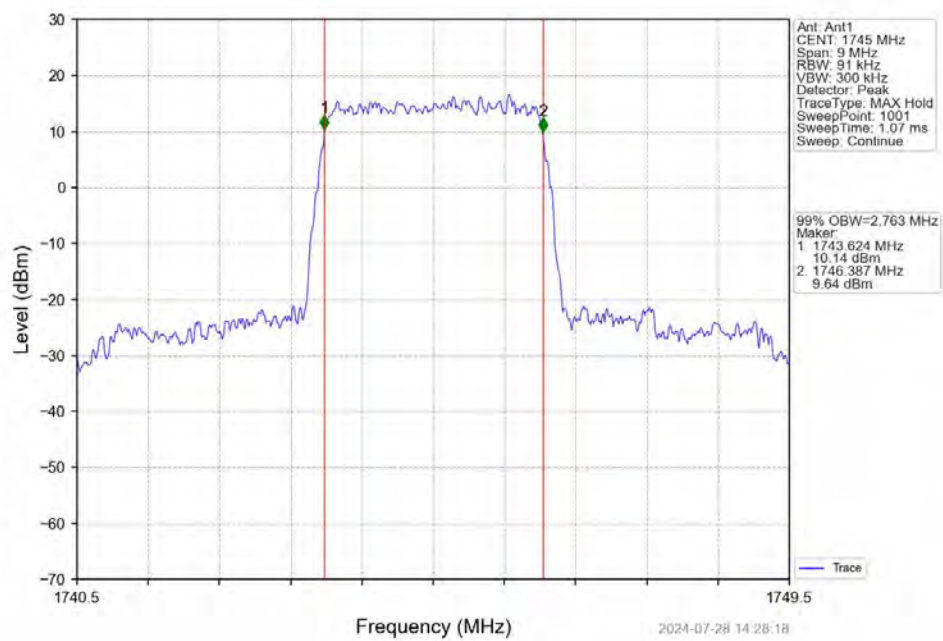
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



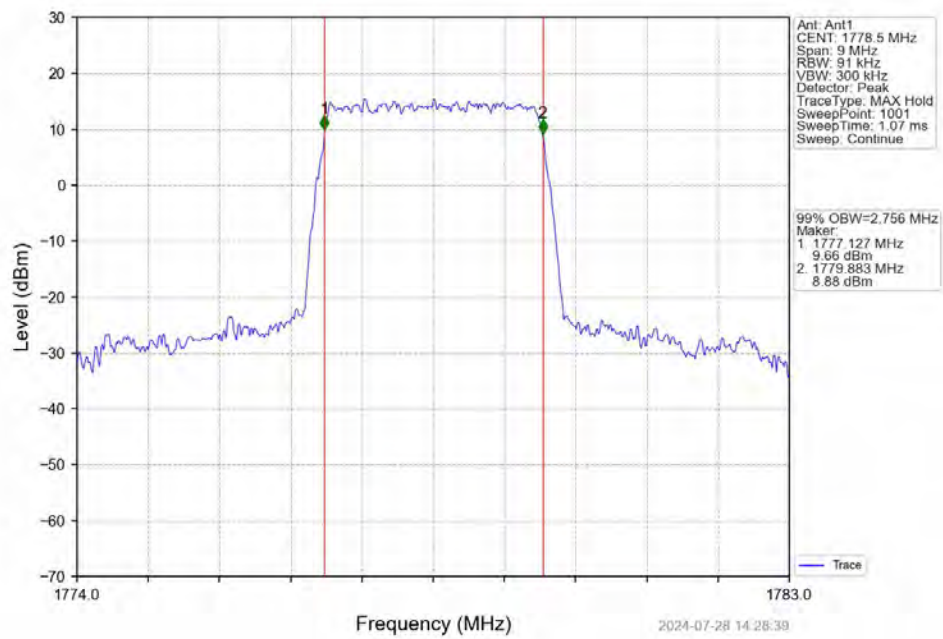
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



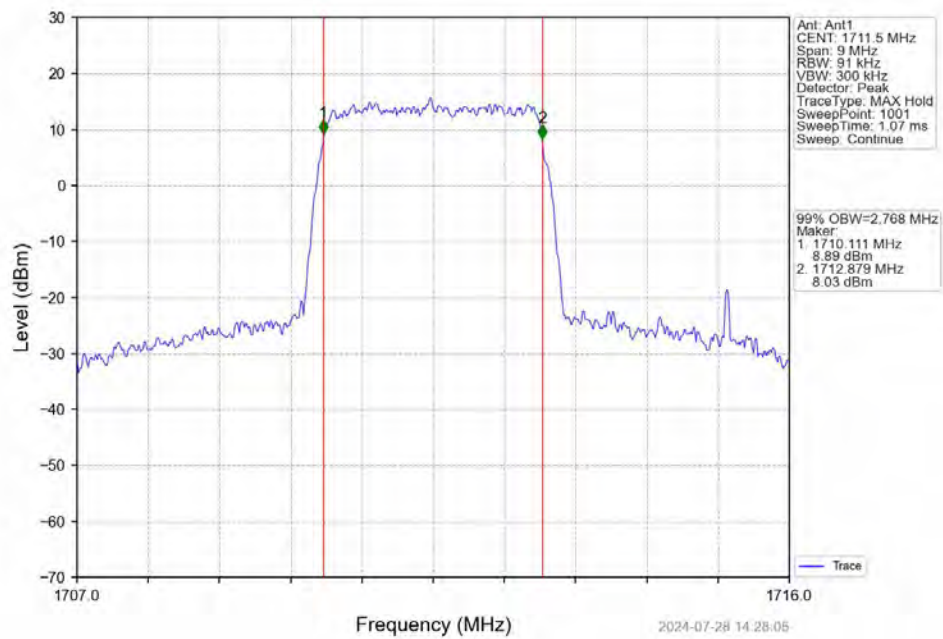
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



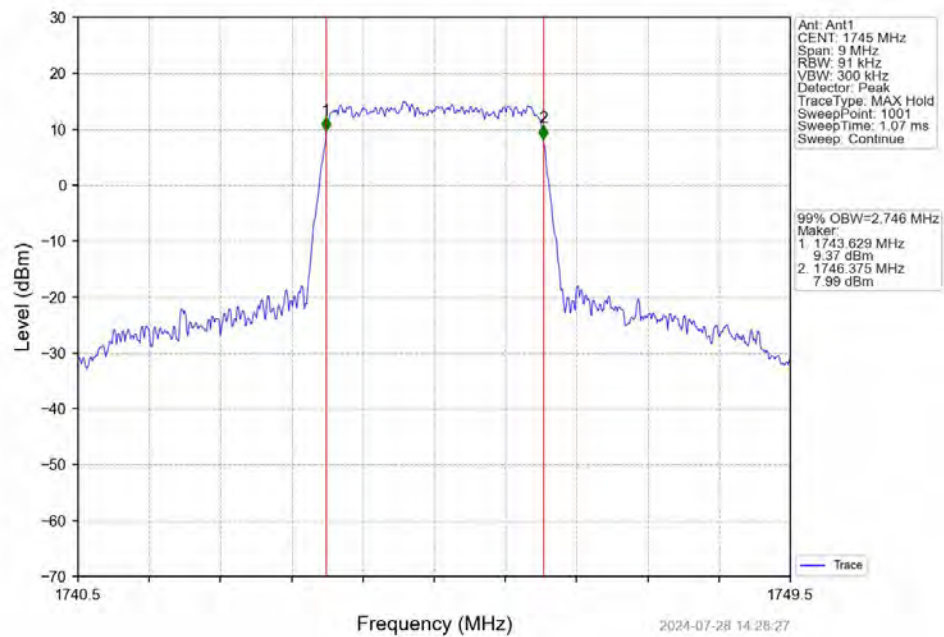
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



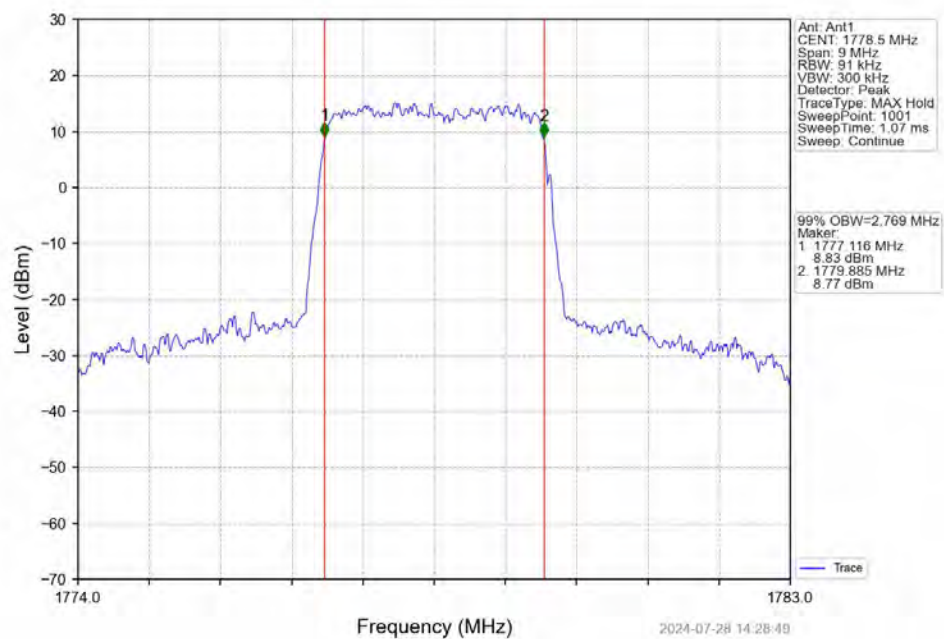
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



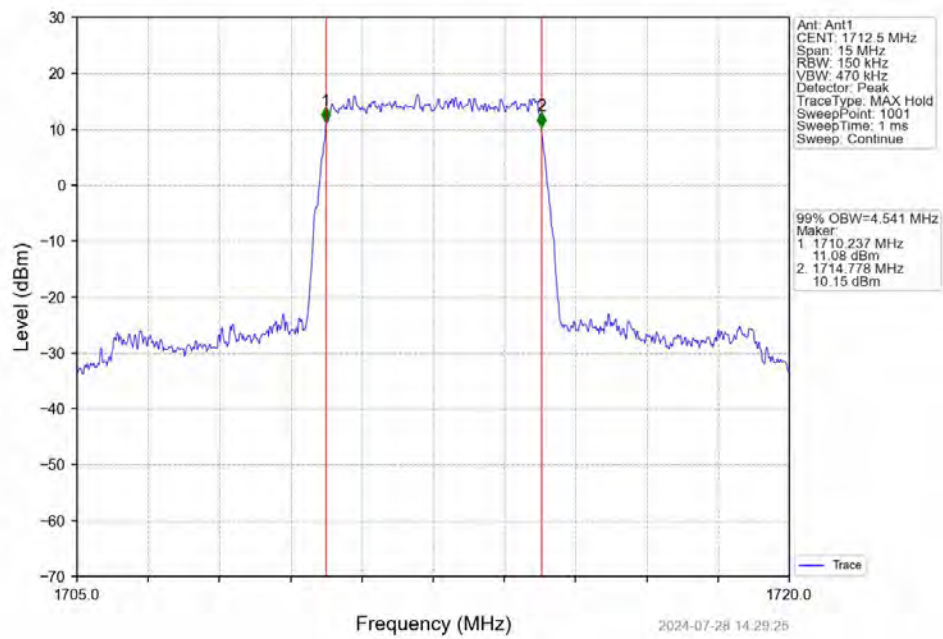
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



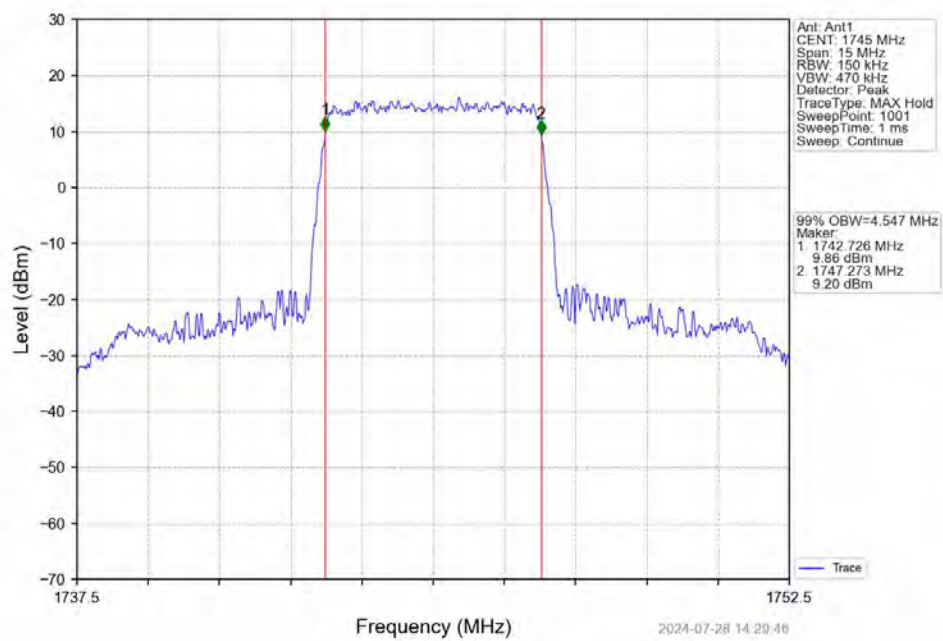
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



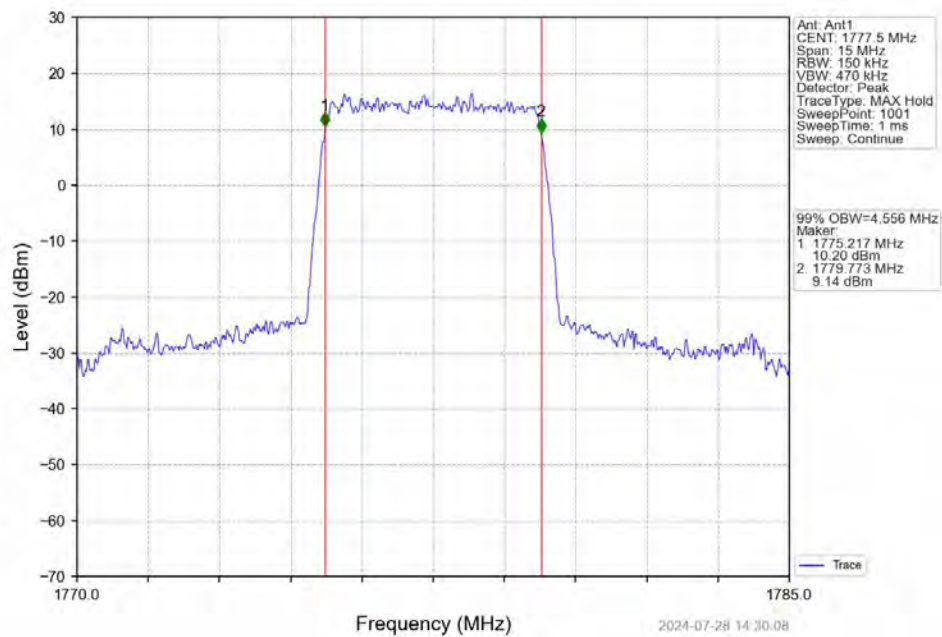
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



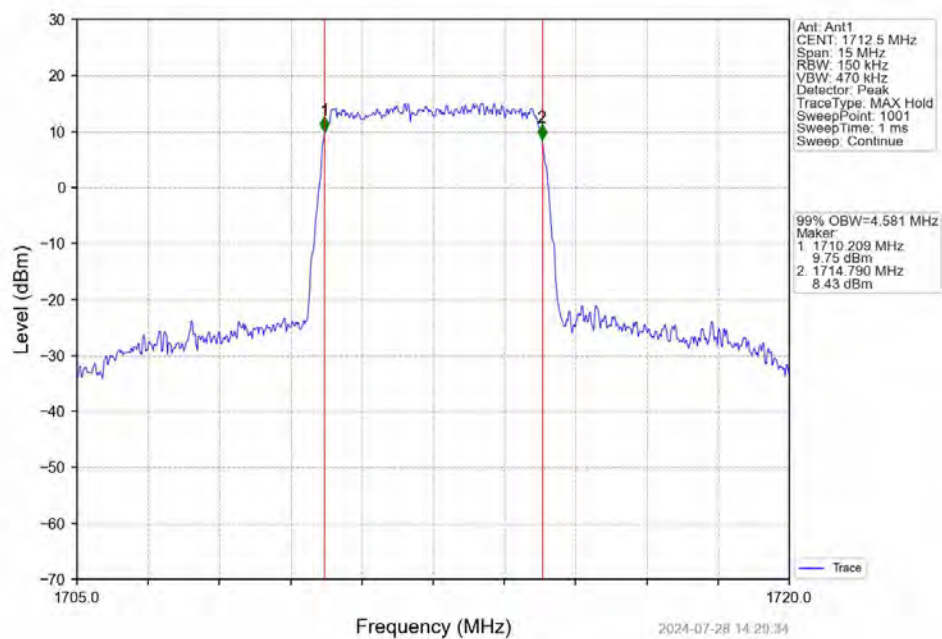
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



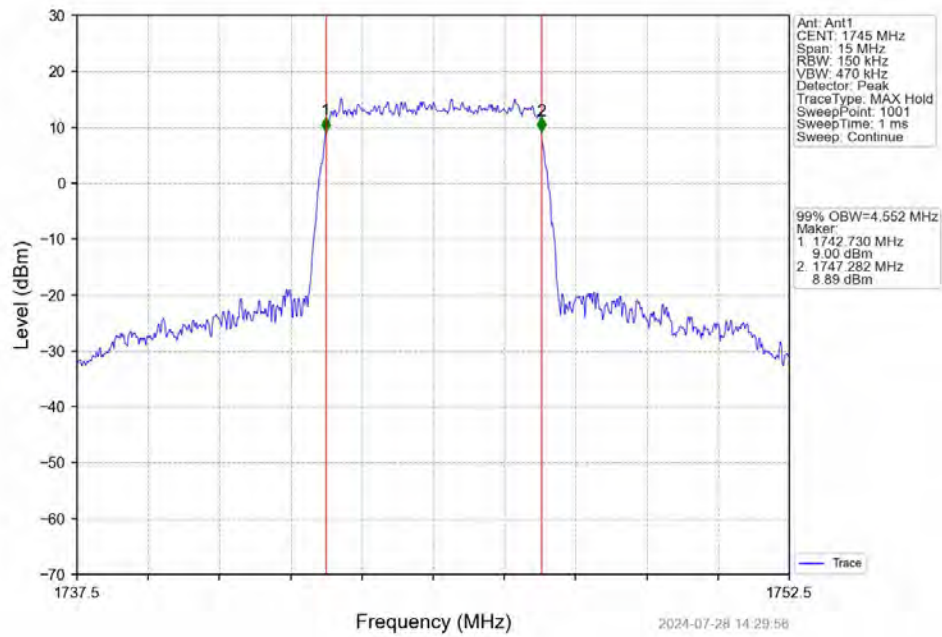
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



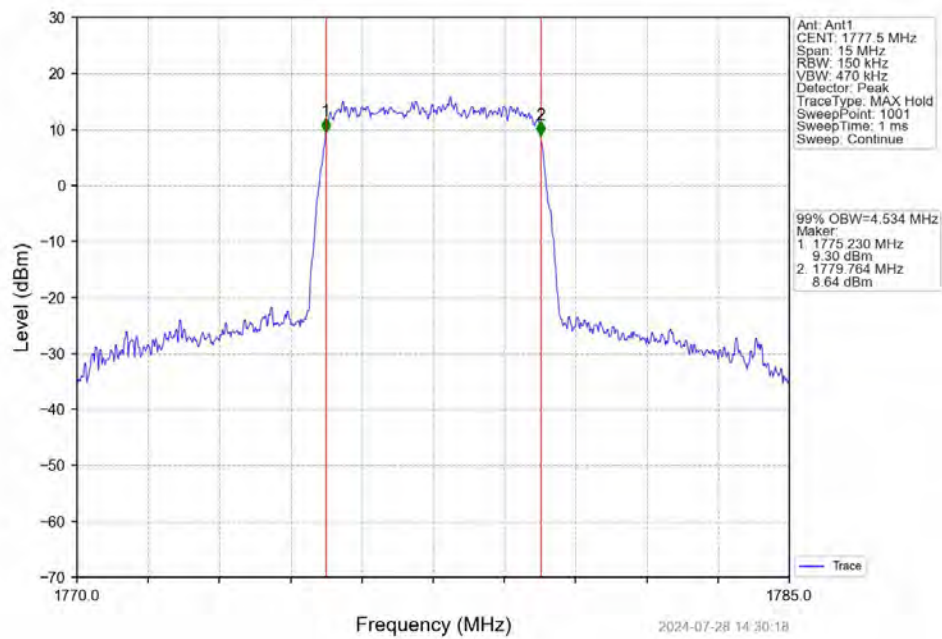
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



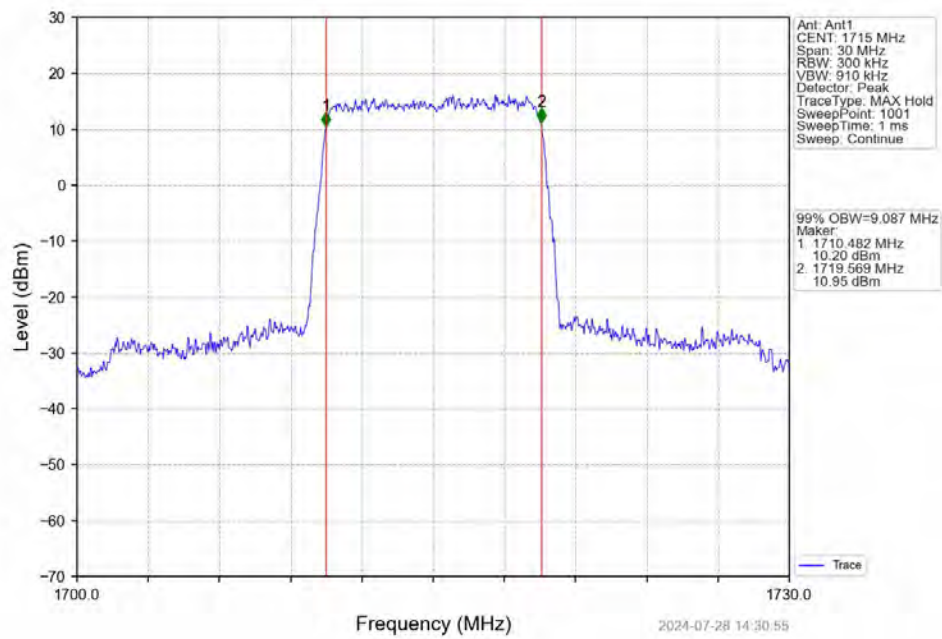
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



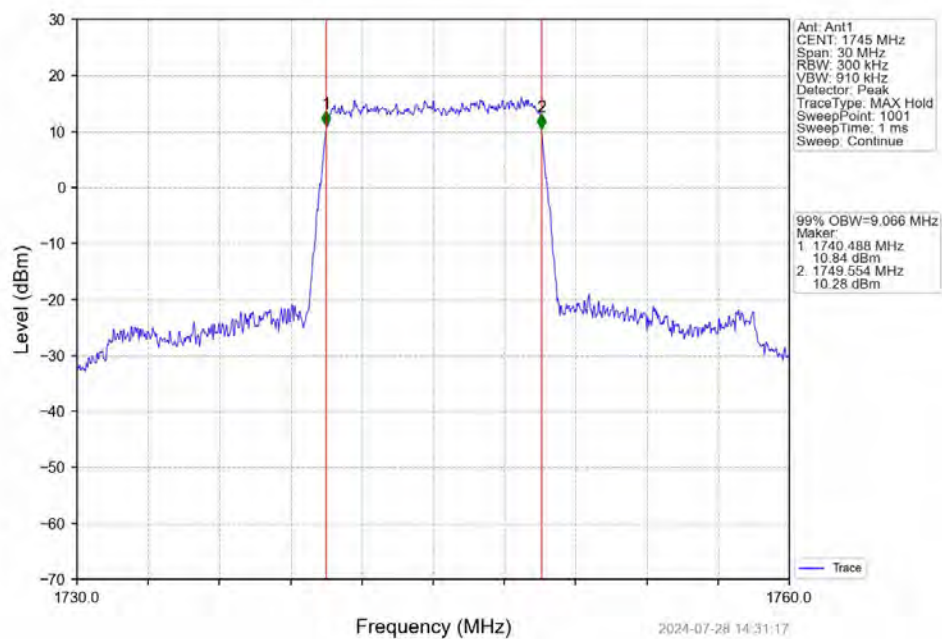
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



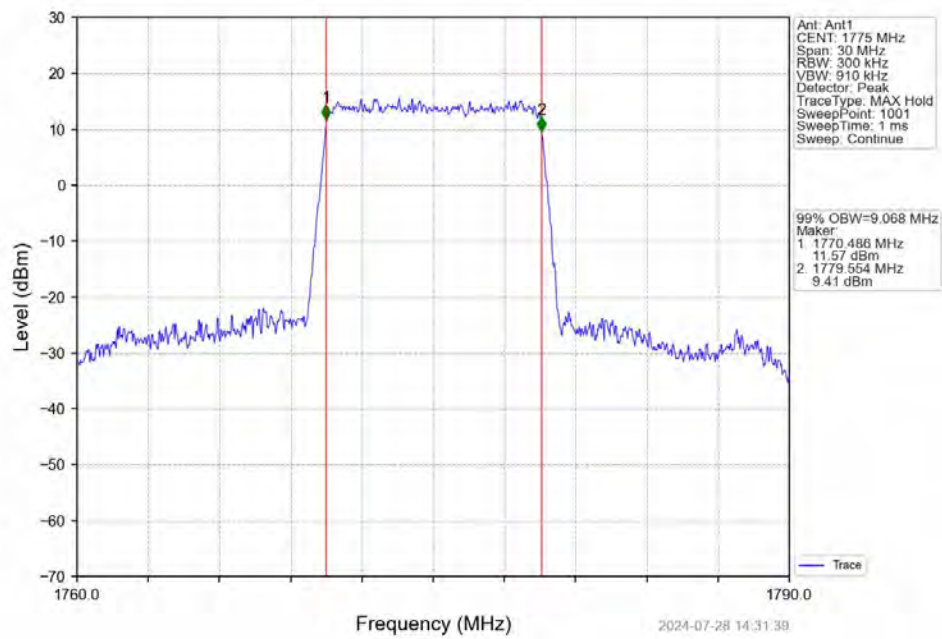
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



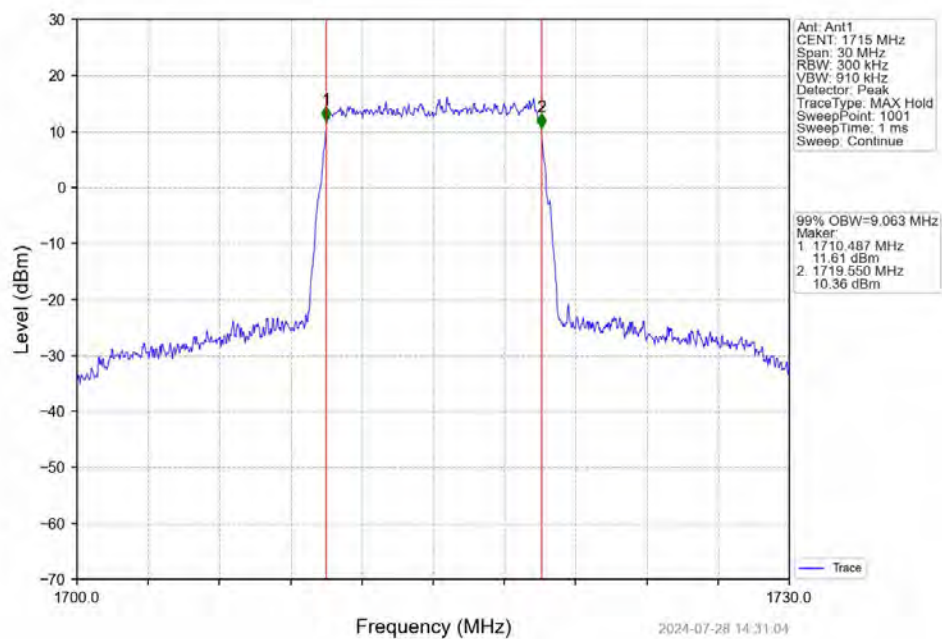
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

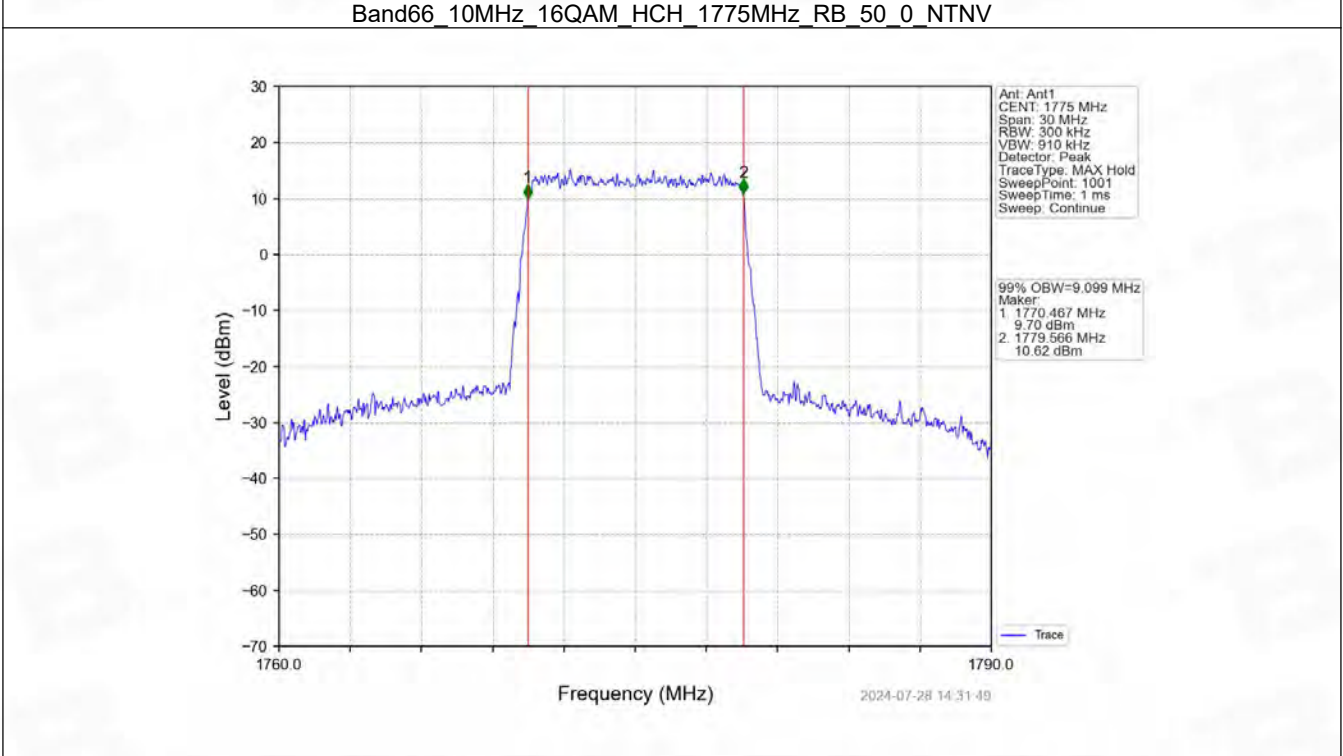
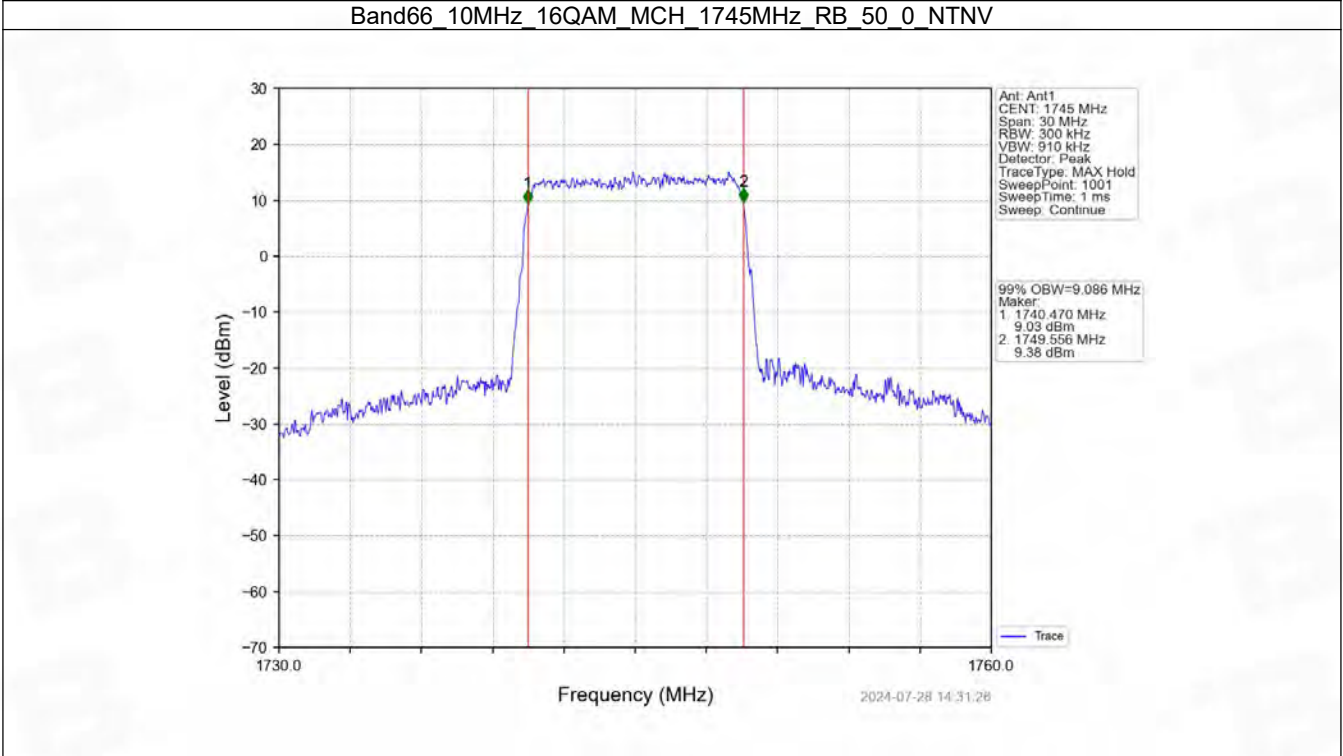


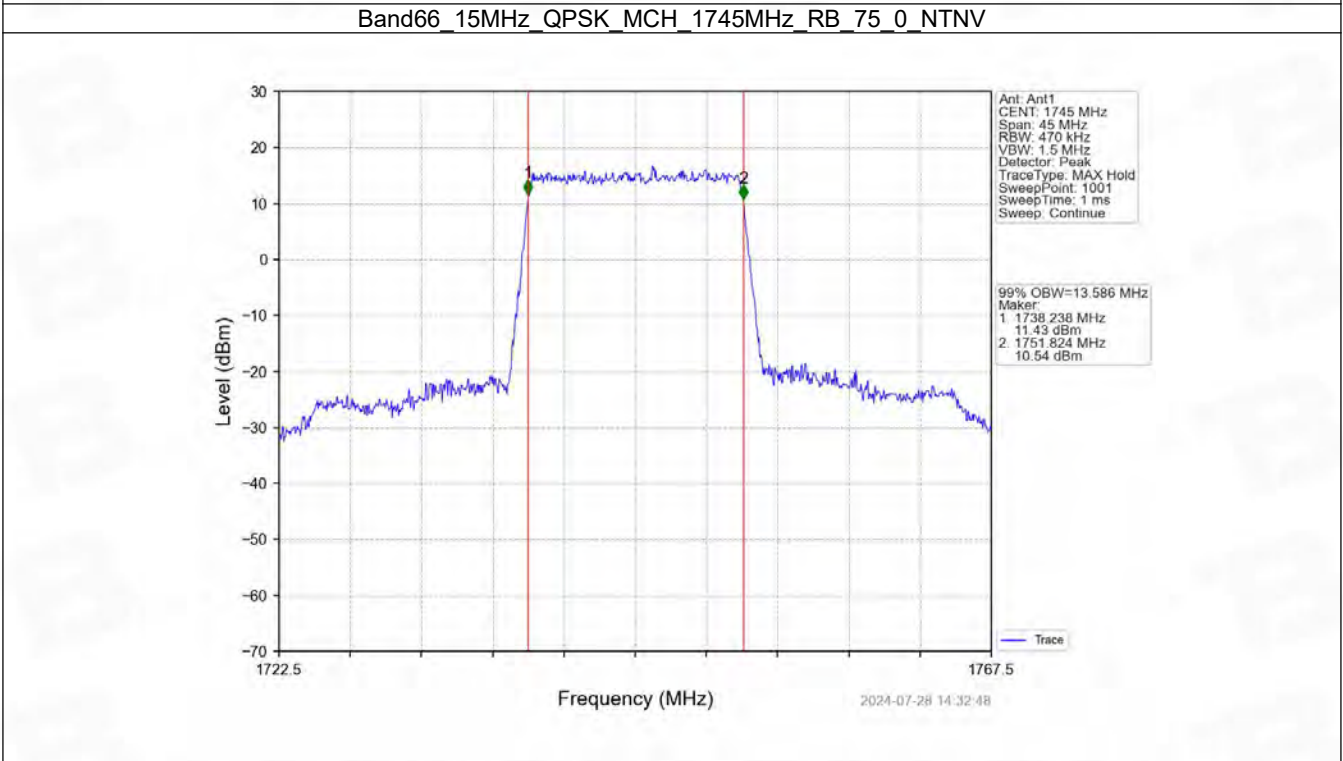
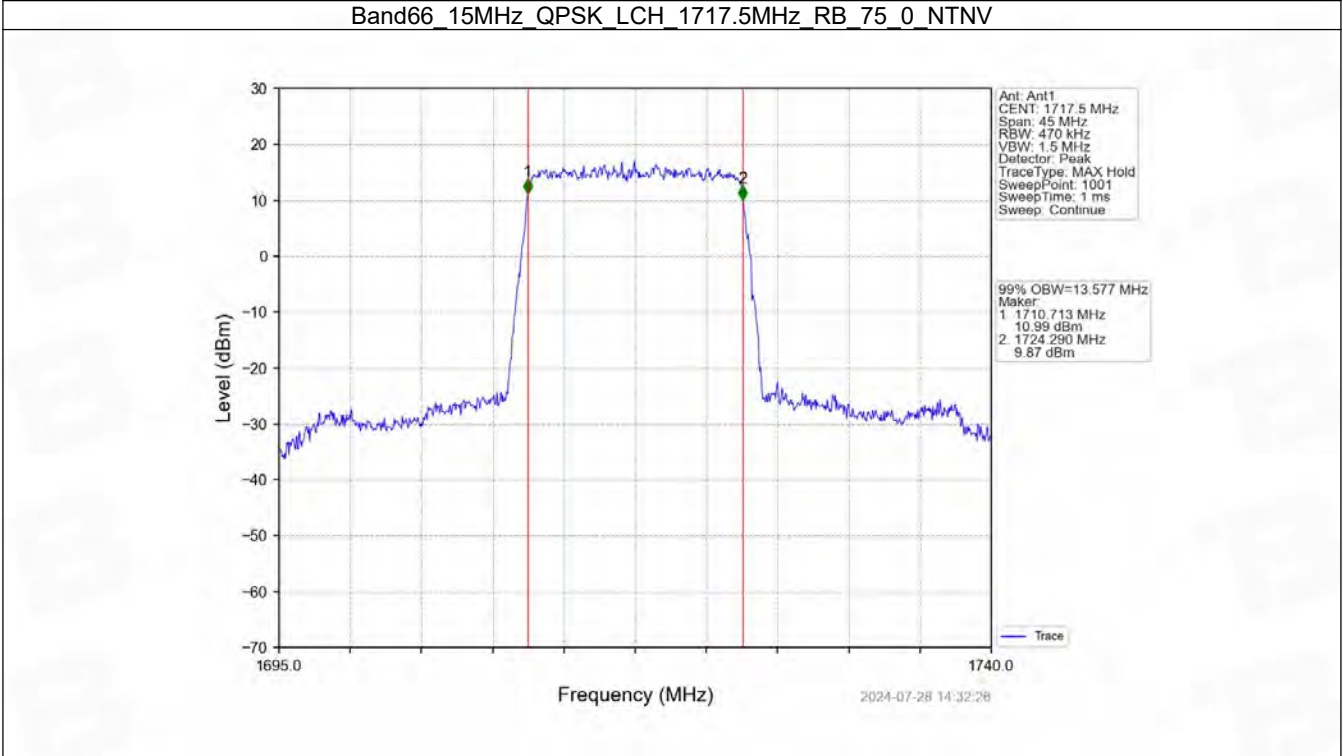
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

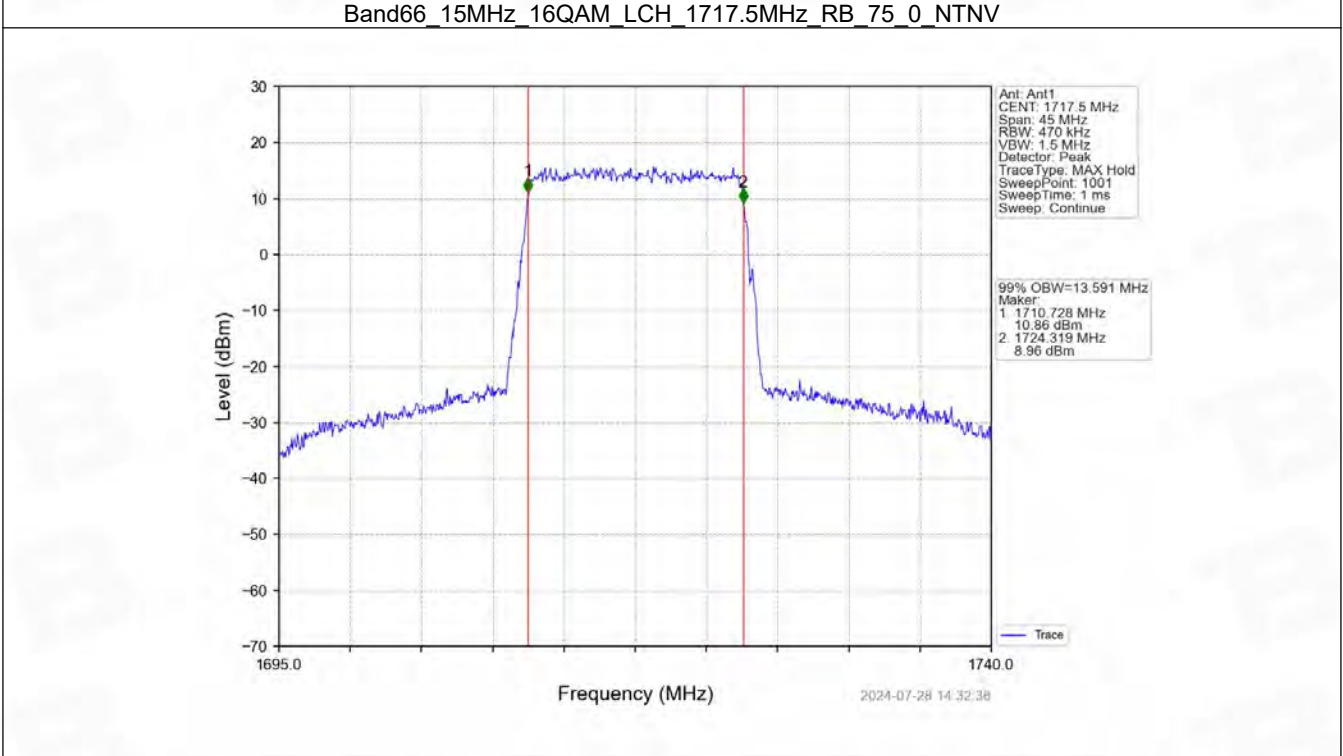
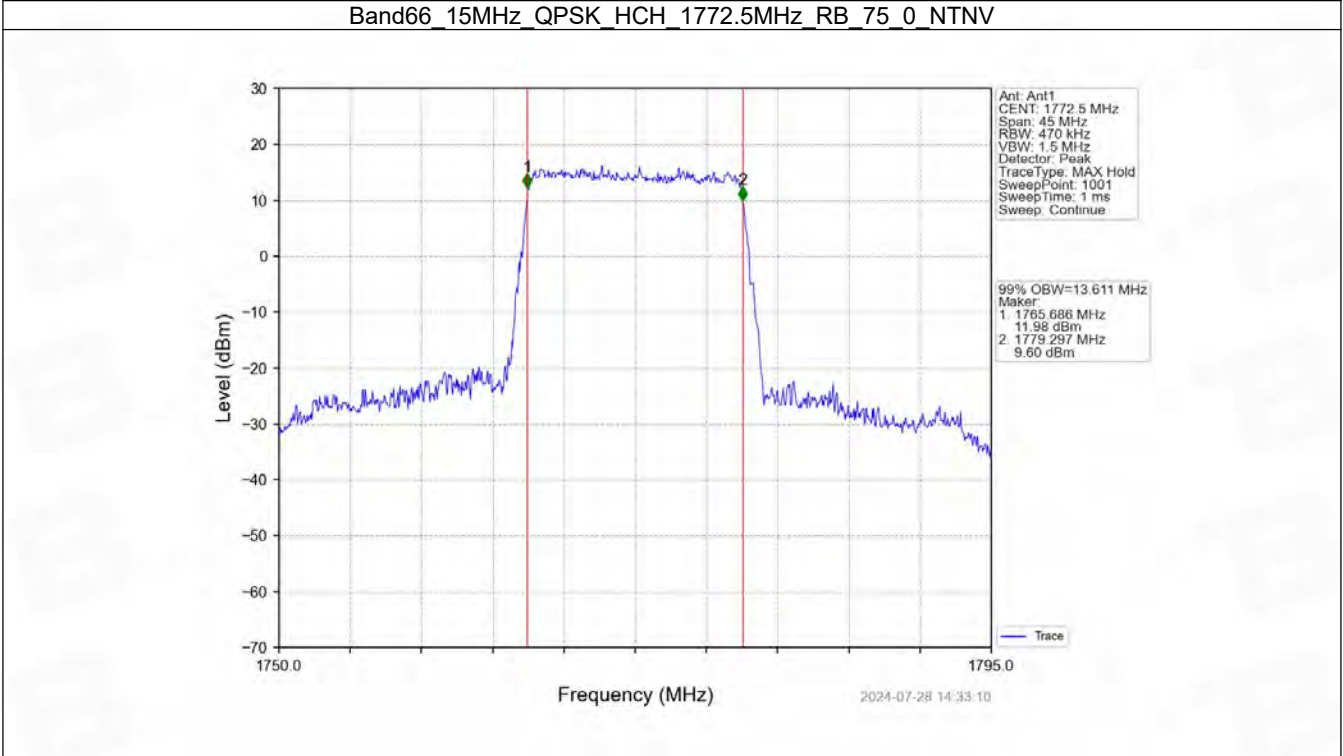


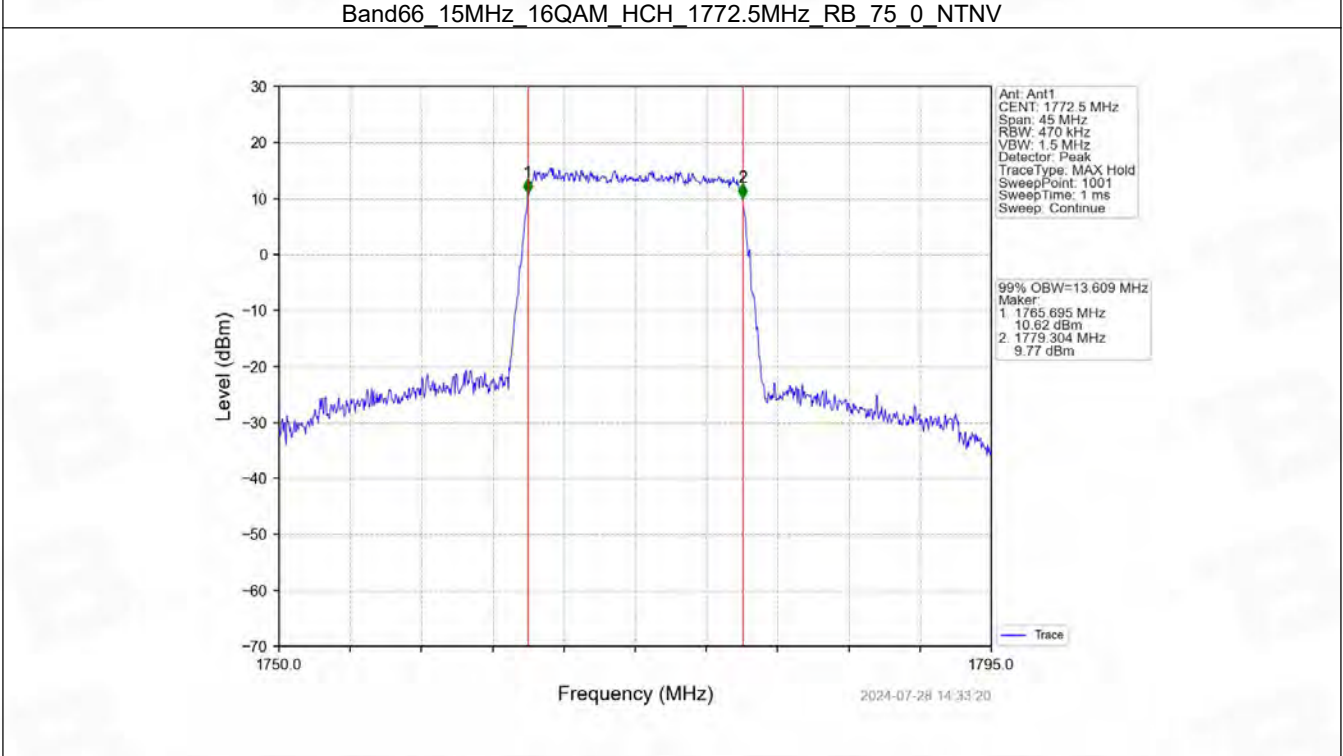
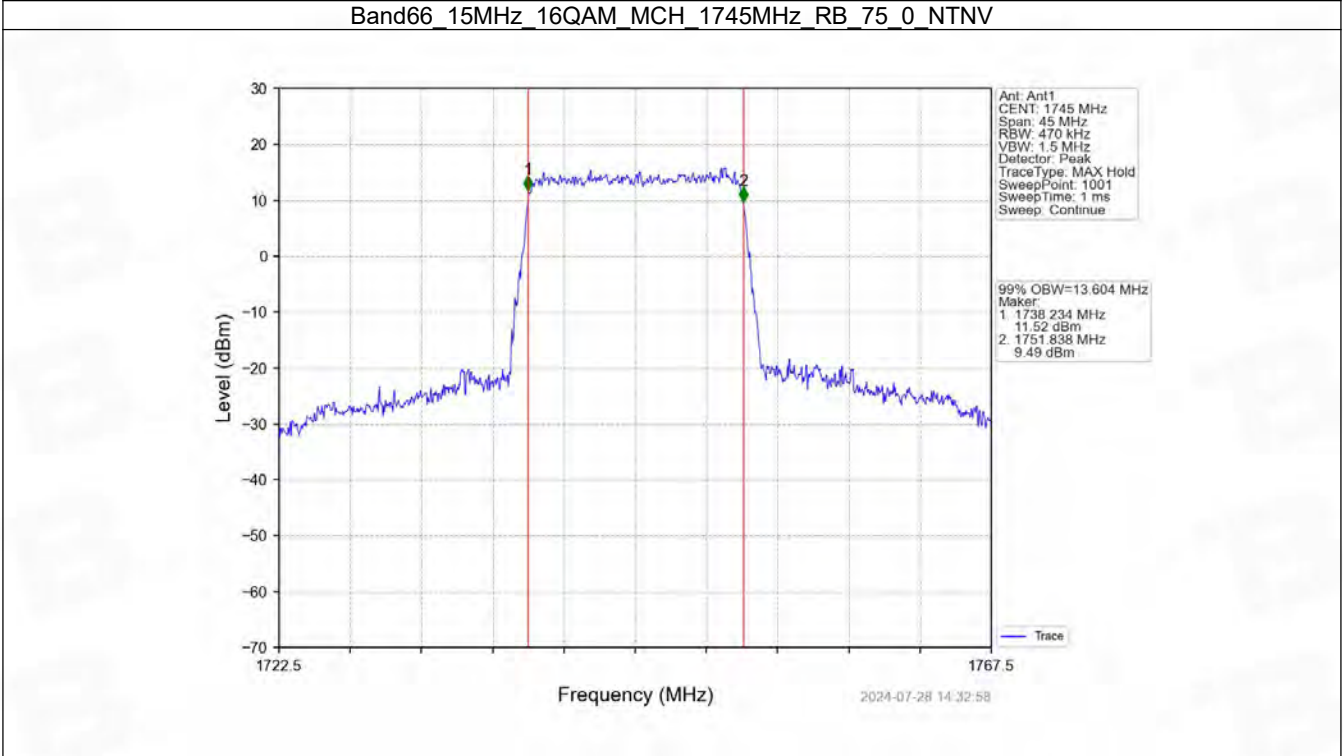
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



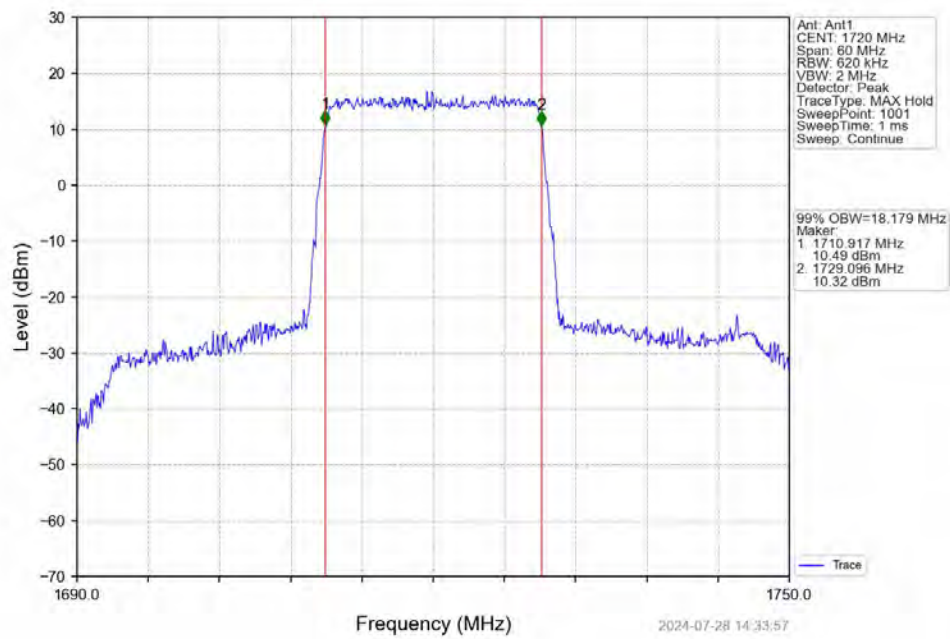




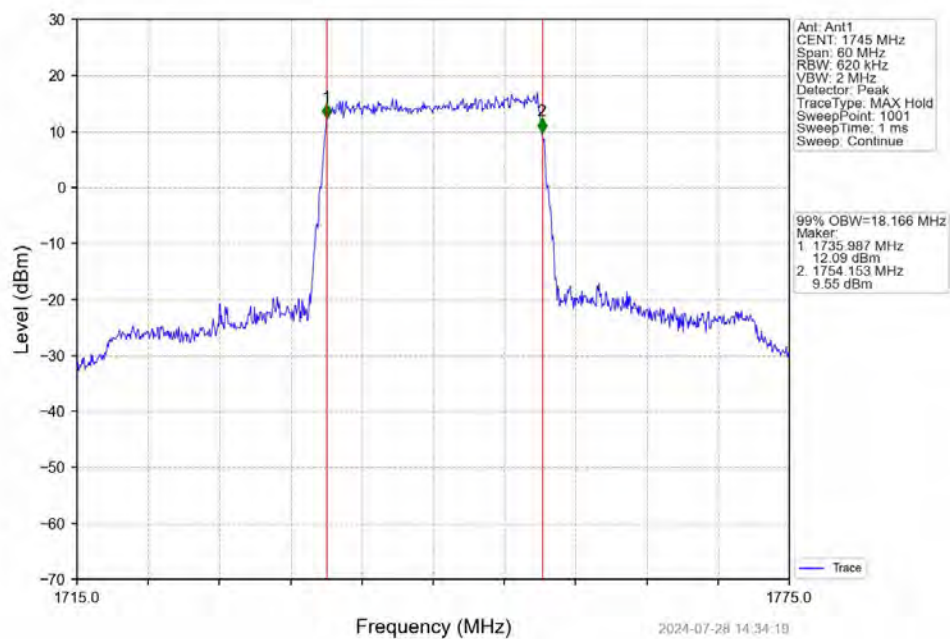




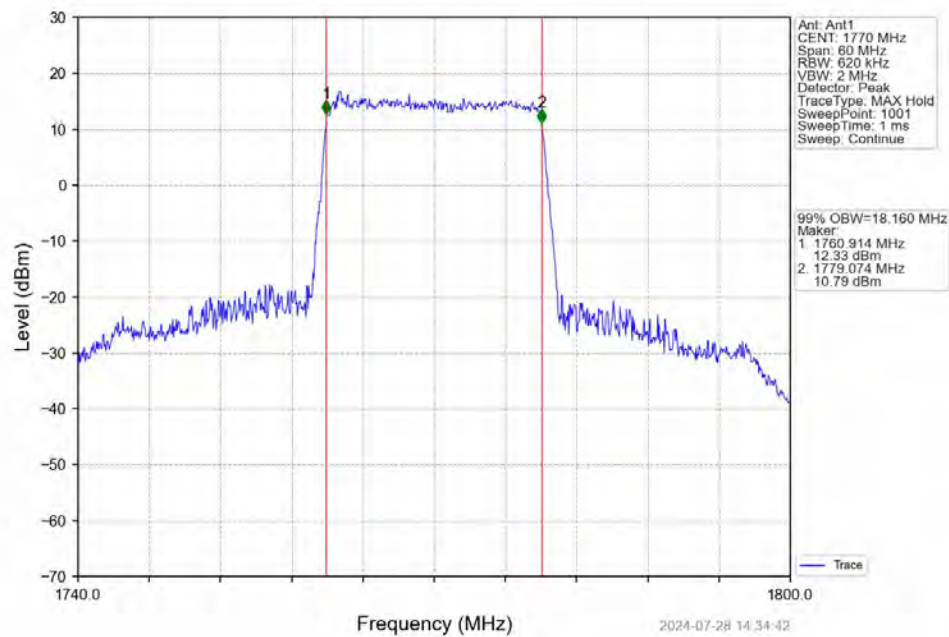
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



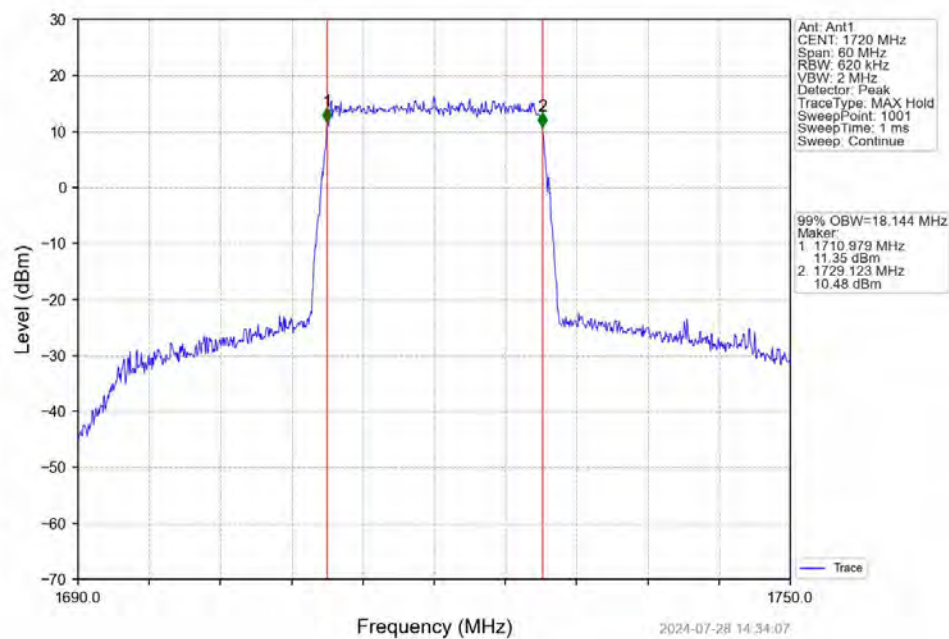
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



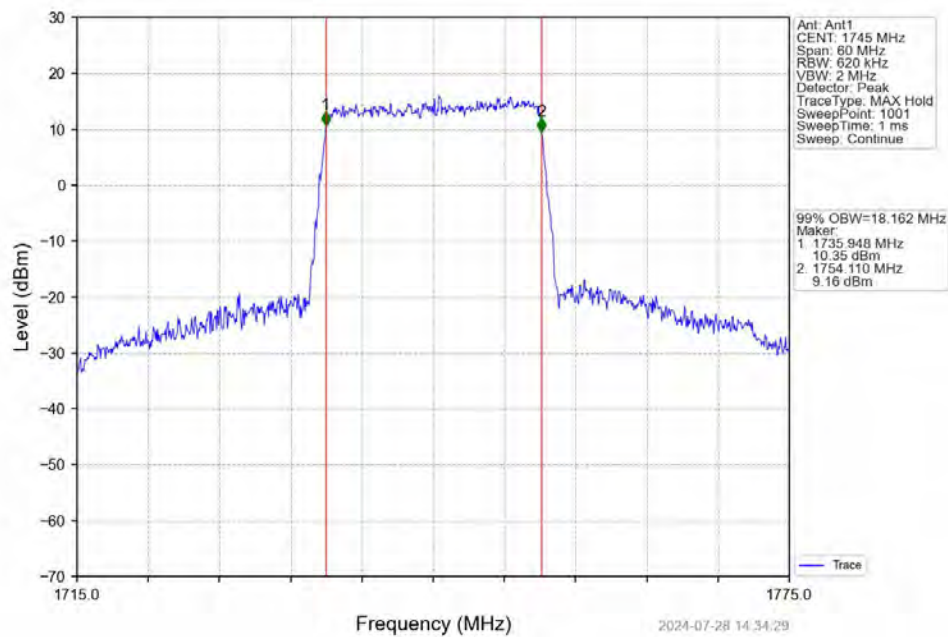
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



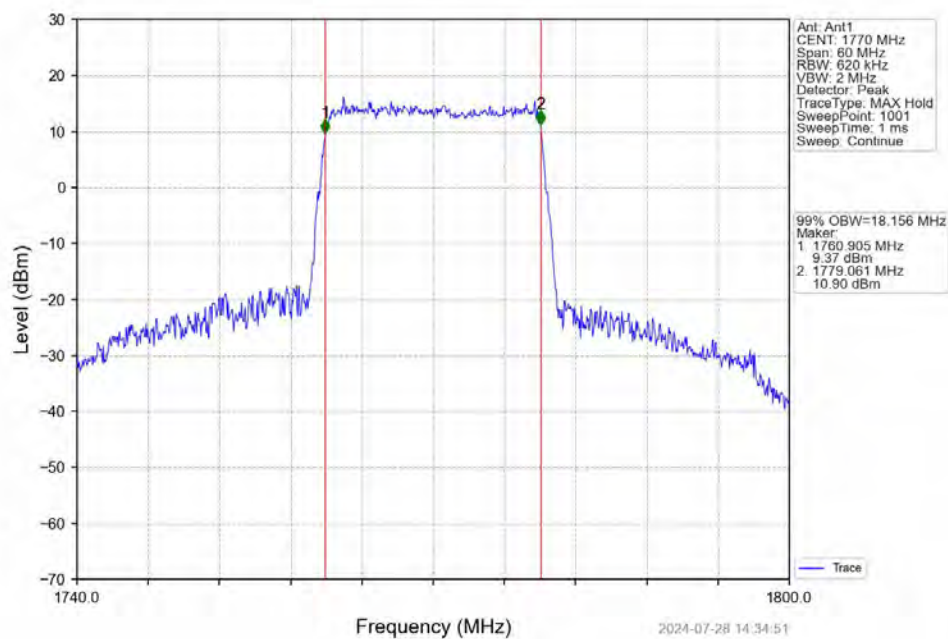
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



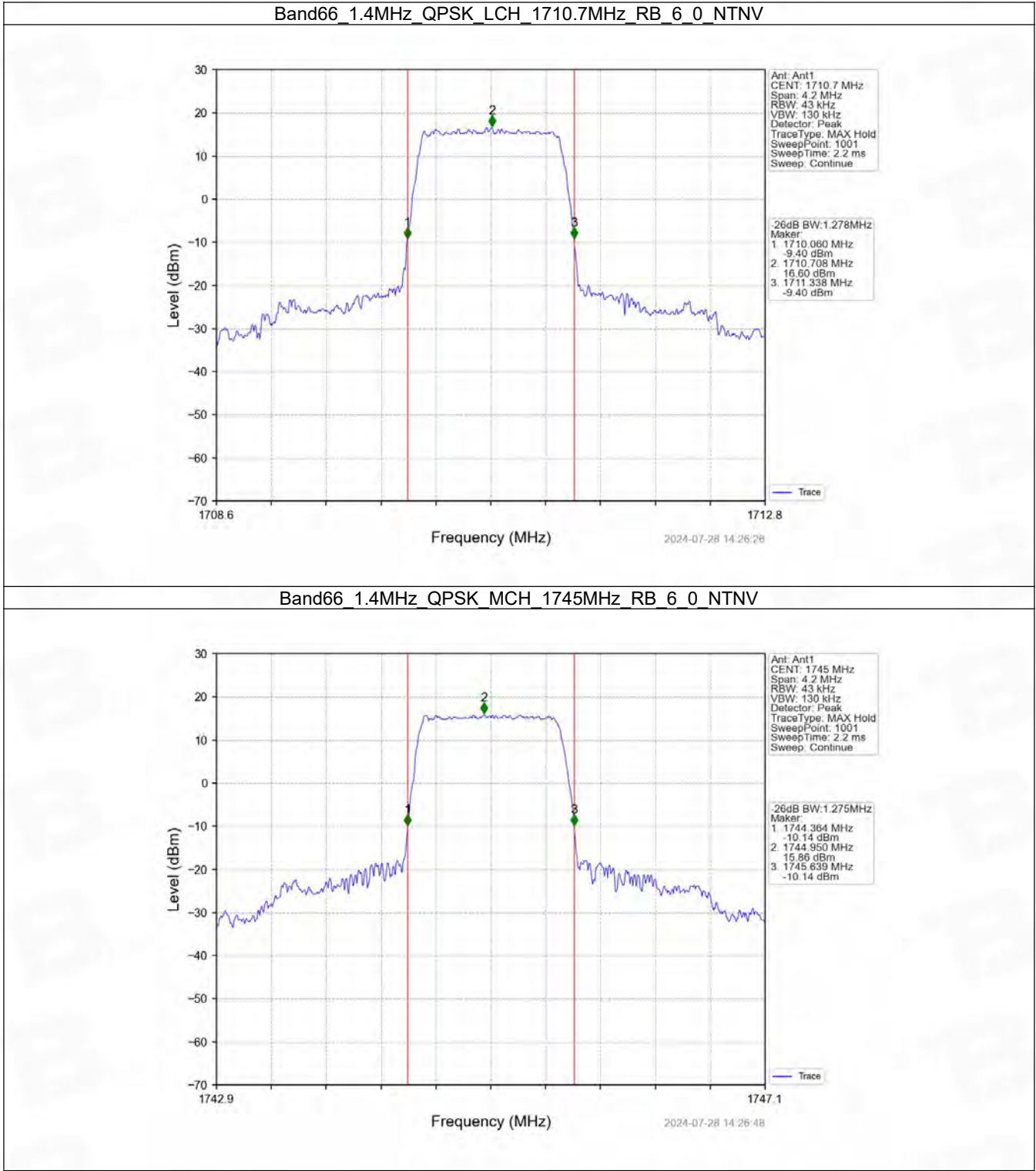
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



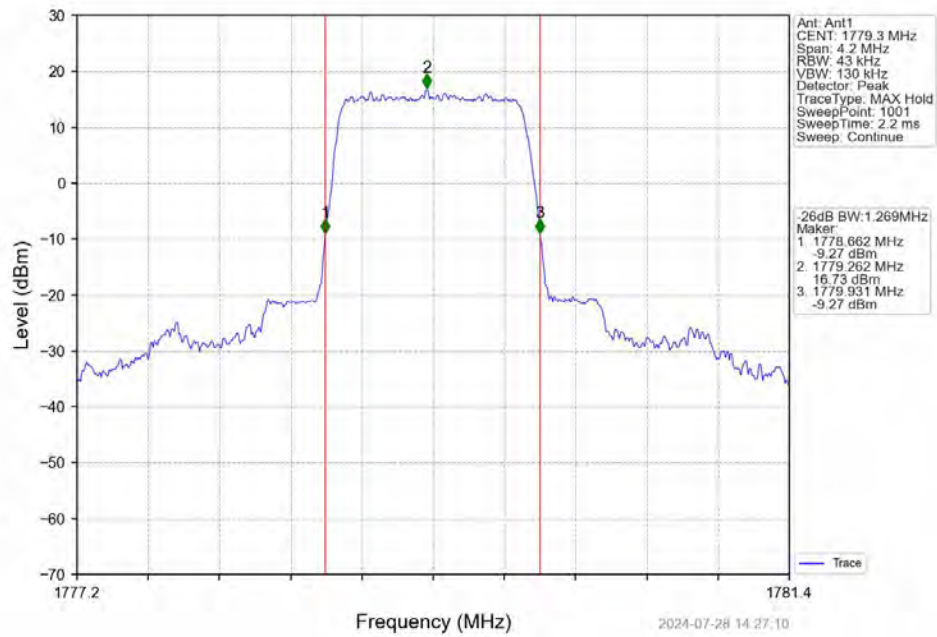
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



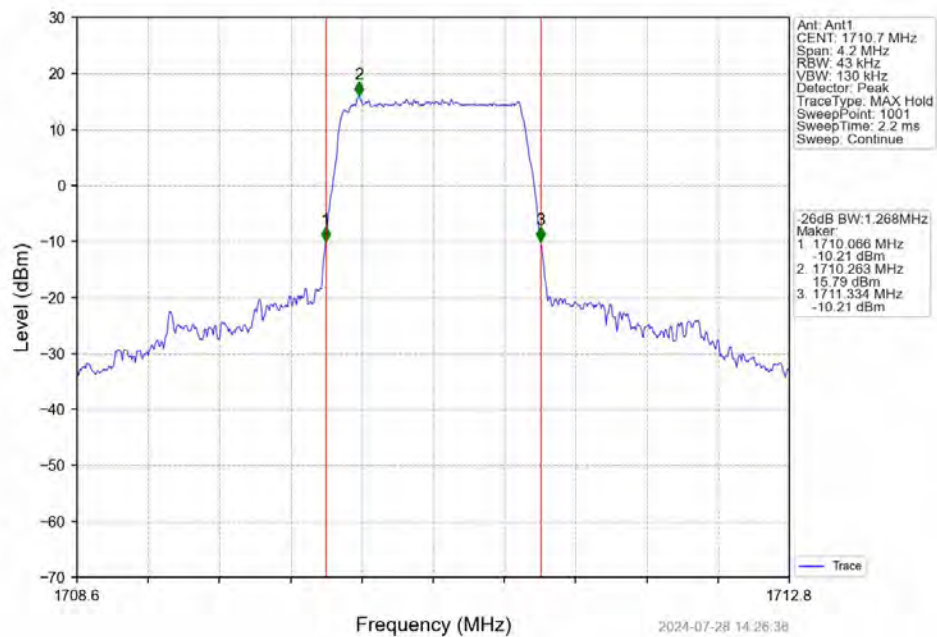
4.2.2 Band66_XDB



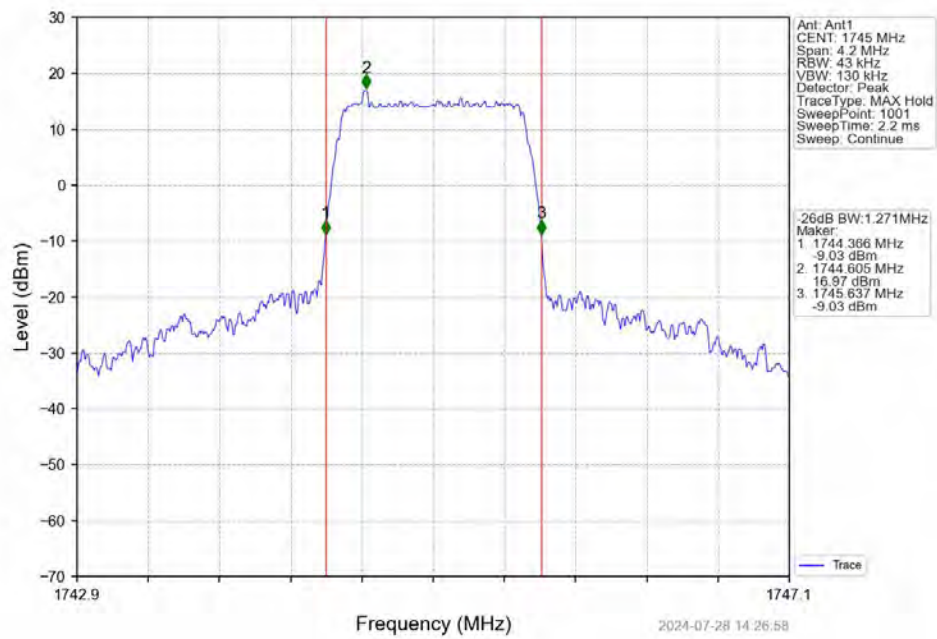
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



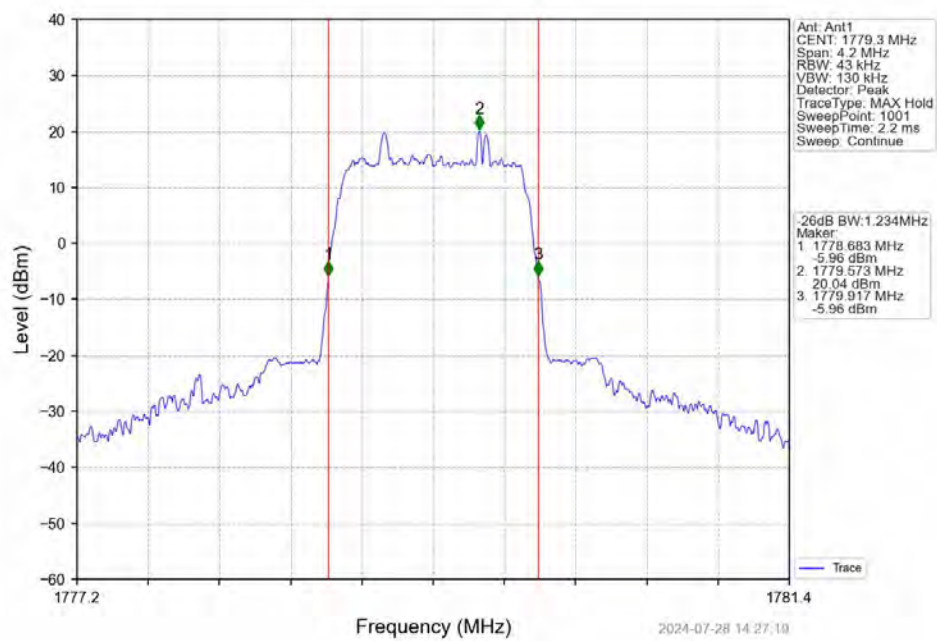
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



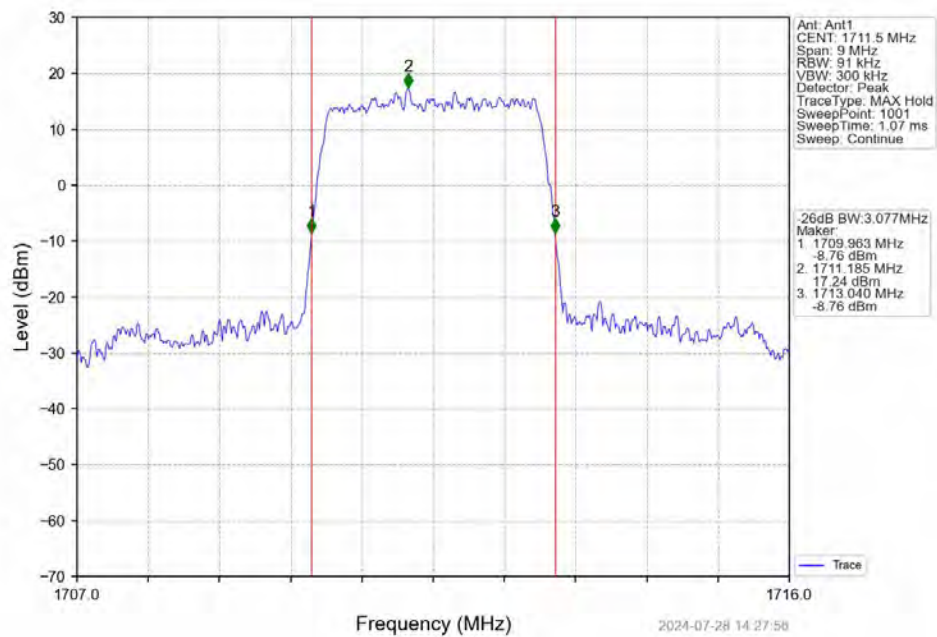
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



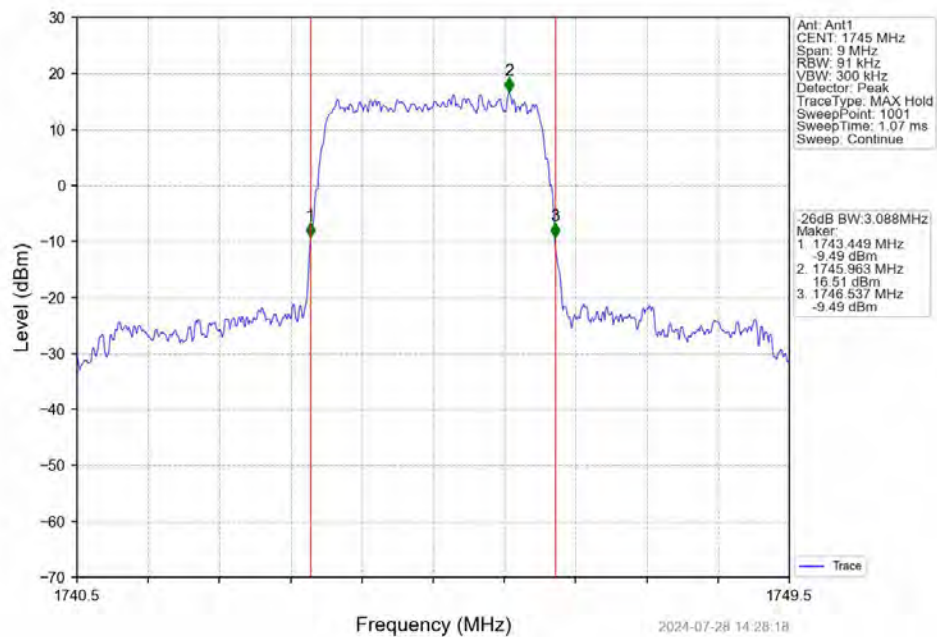
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



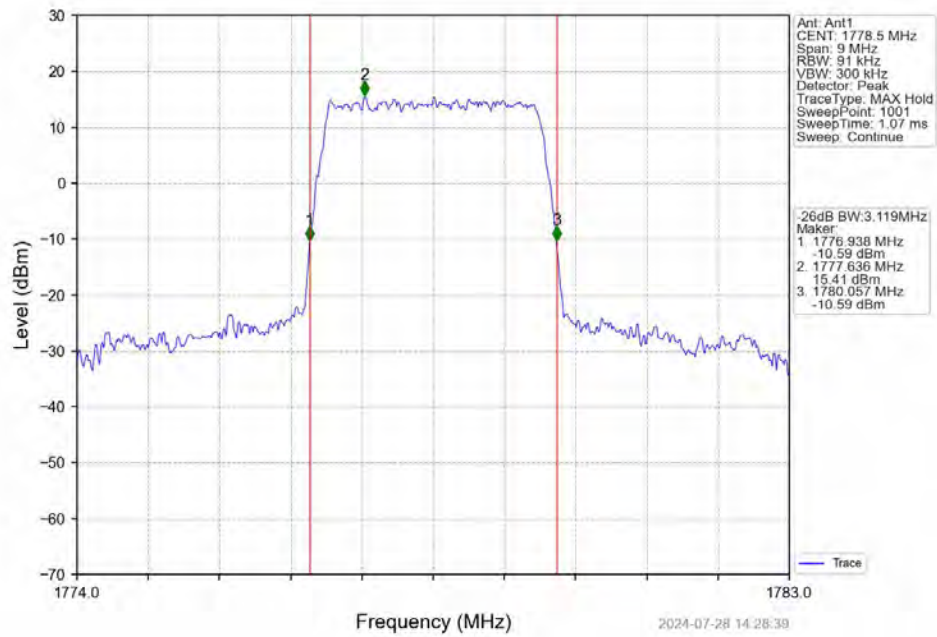
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



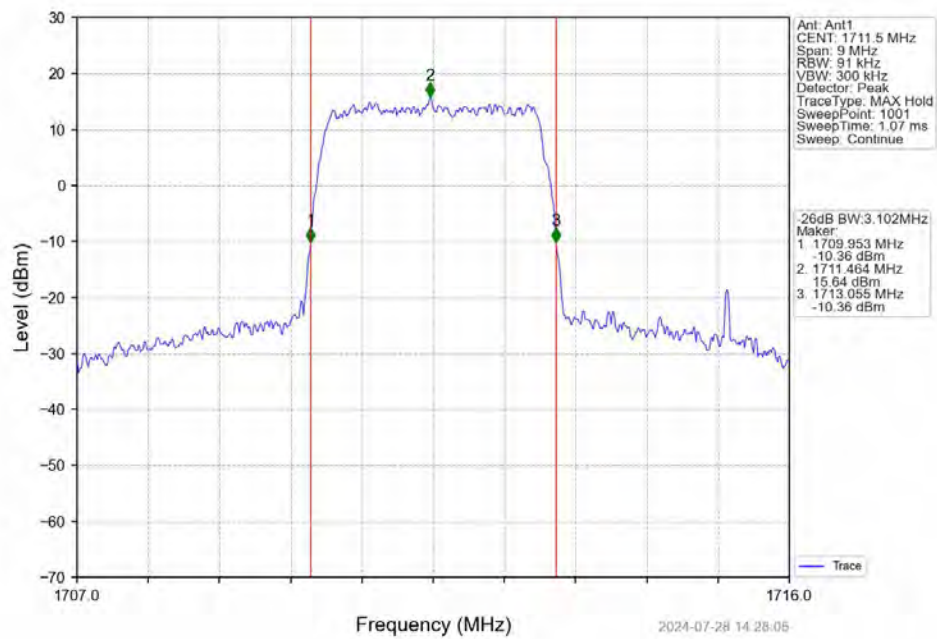
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



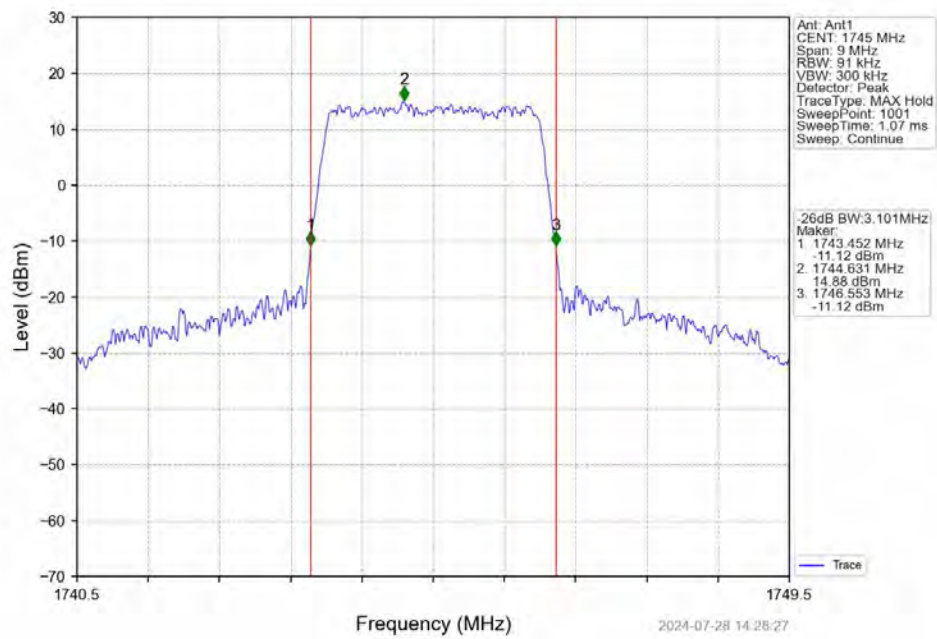
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



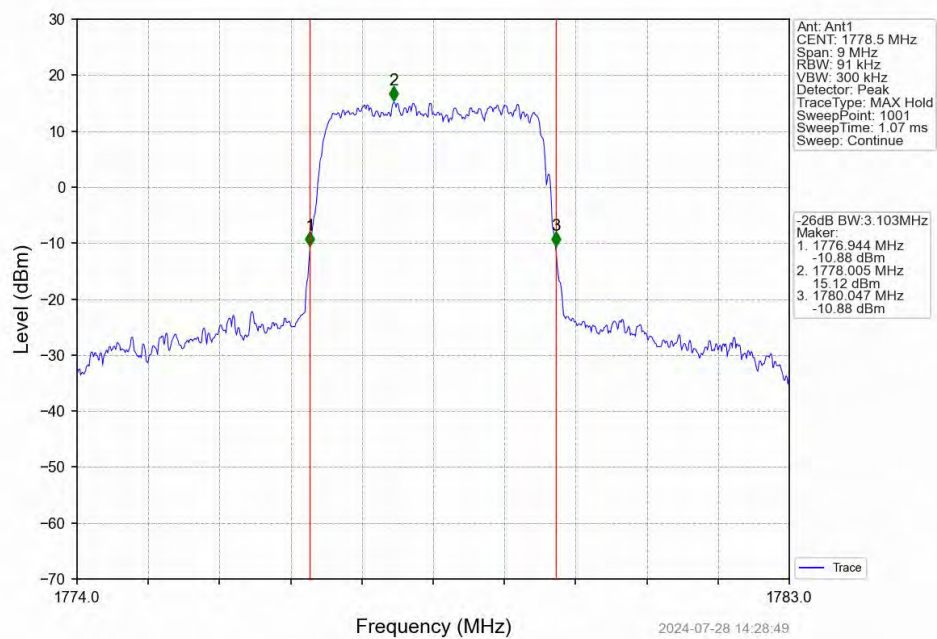
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



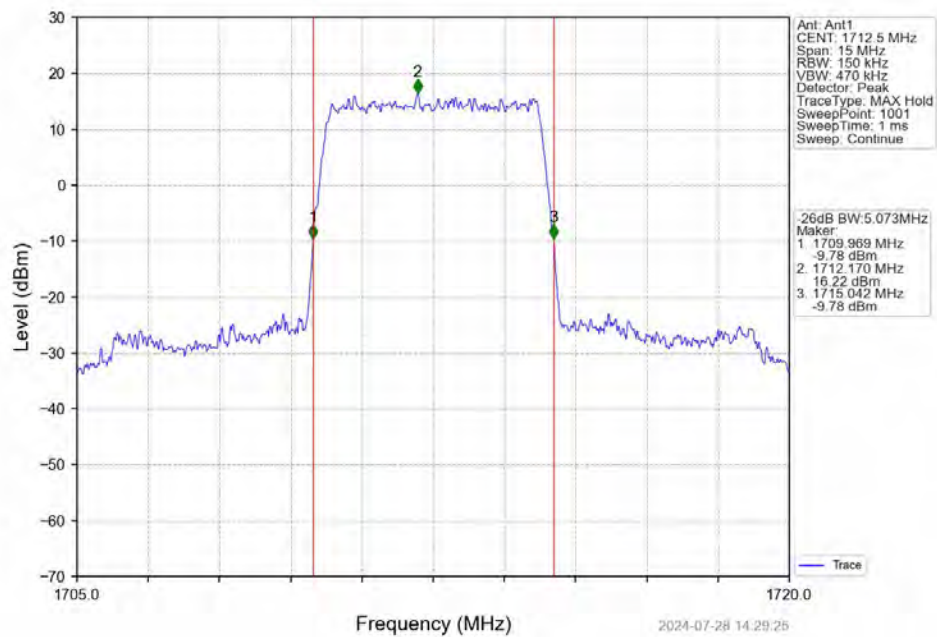
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



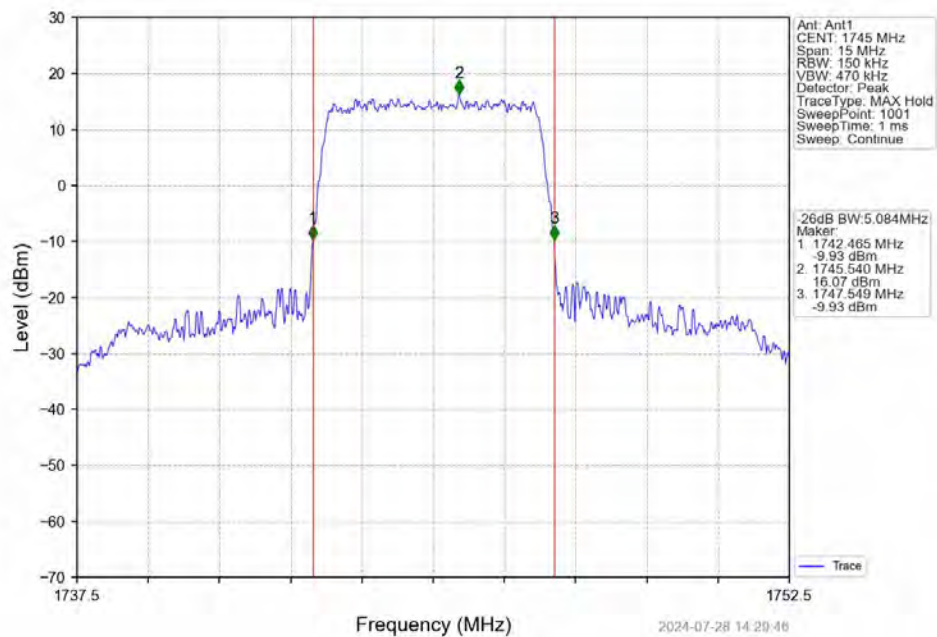
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



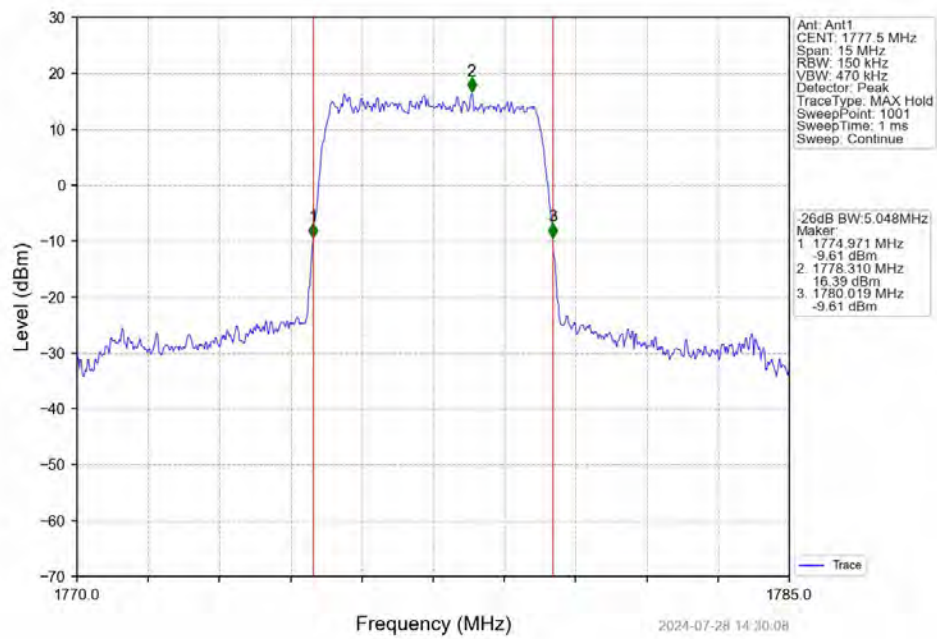
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



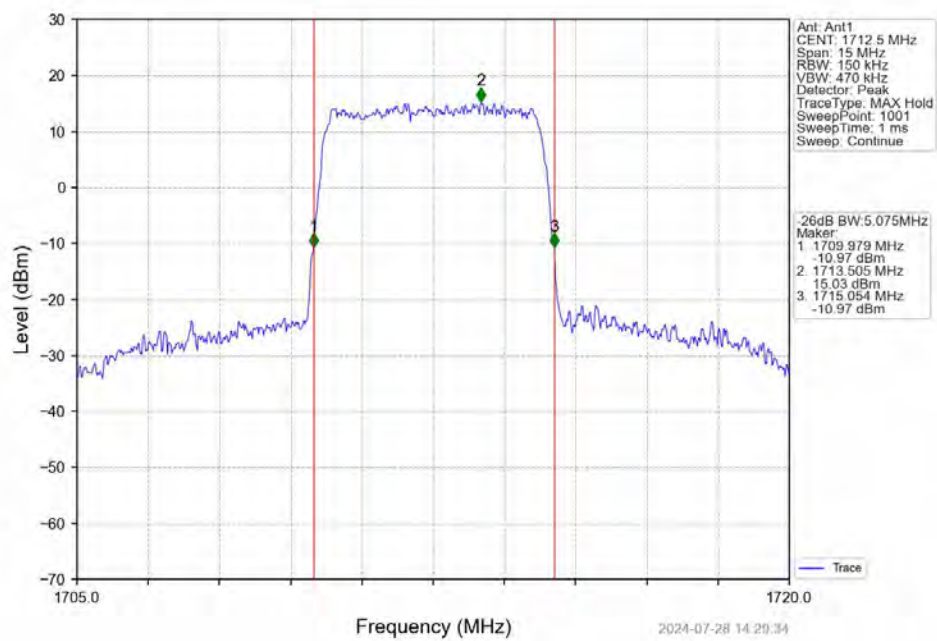
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



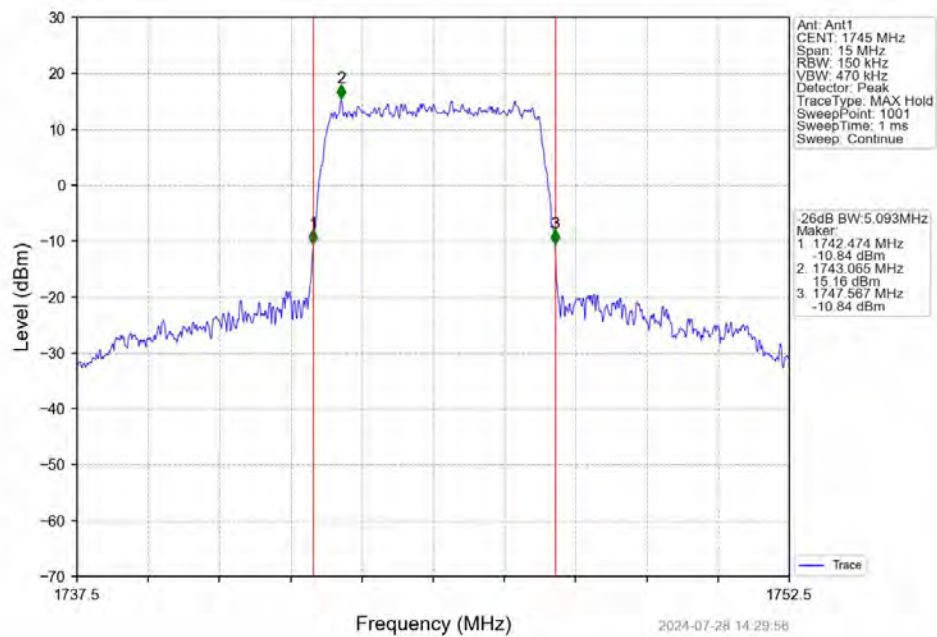
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



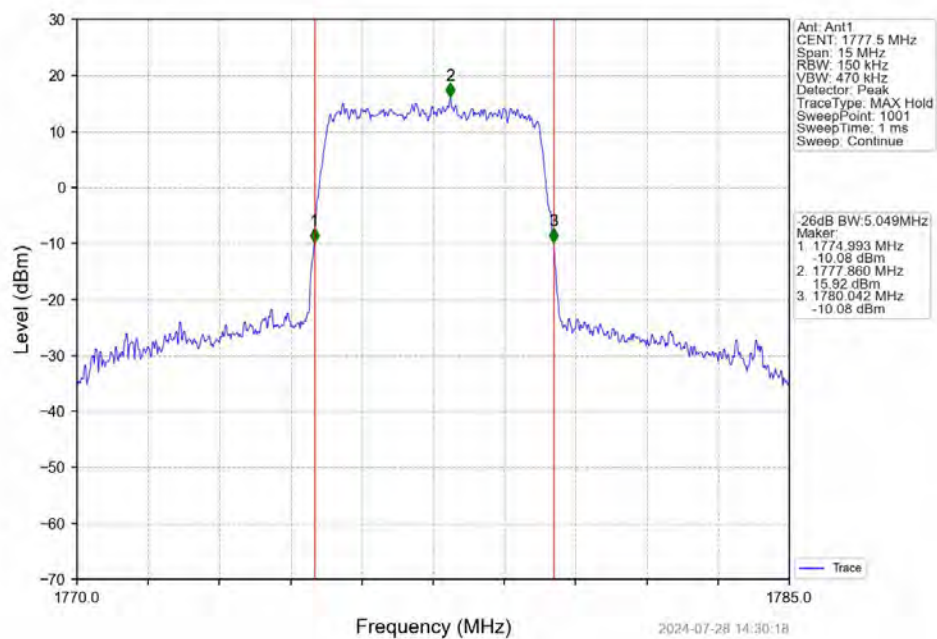
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



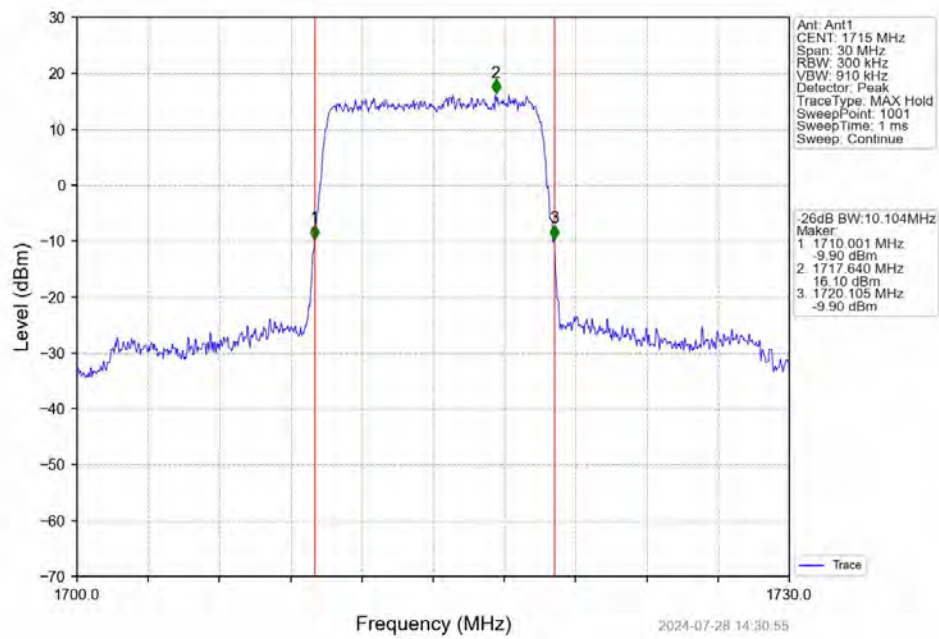
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



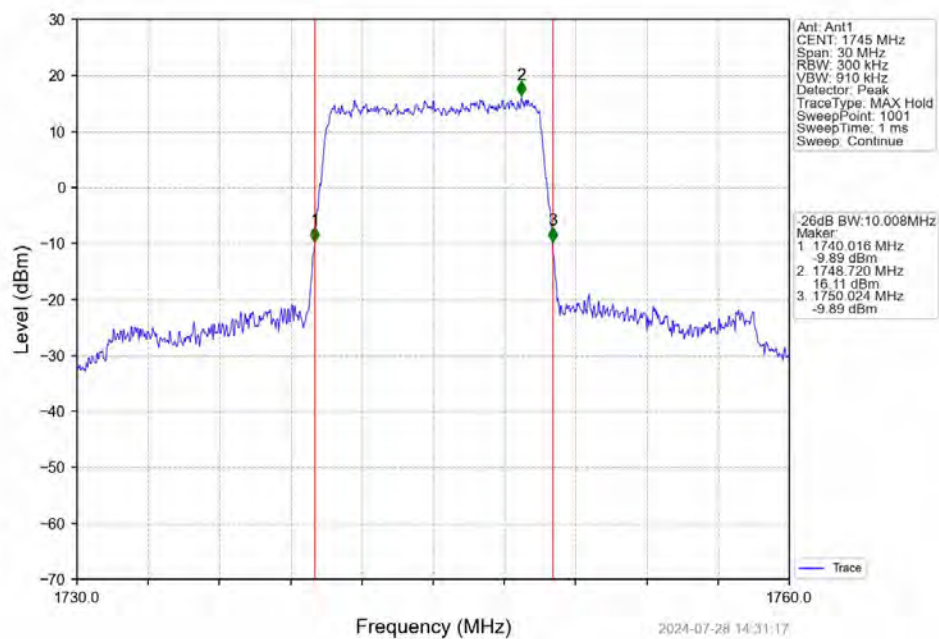
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



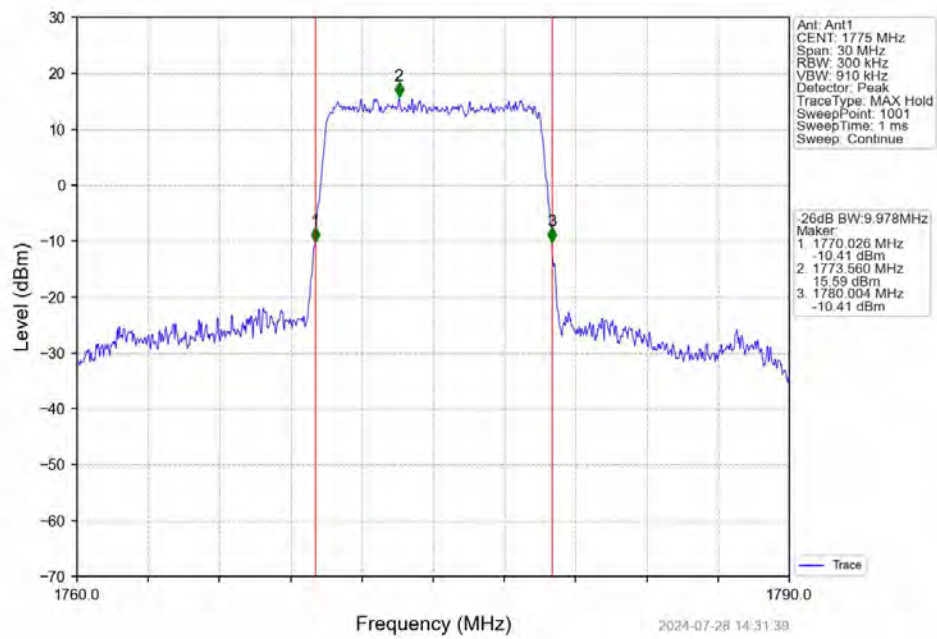
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



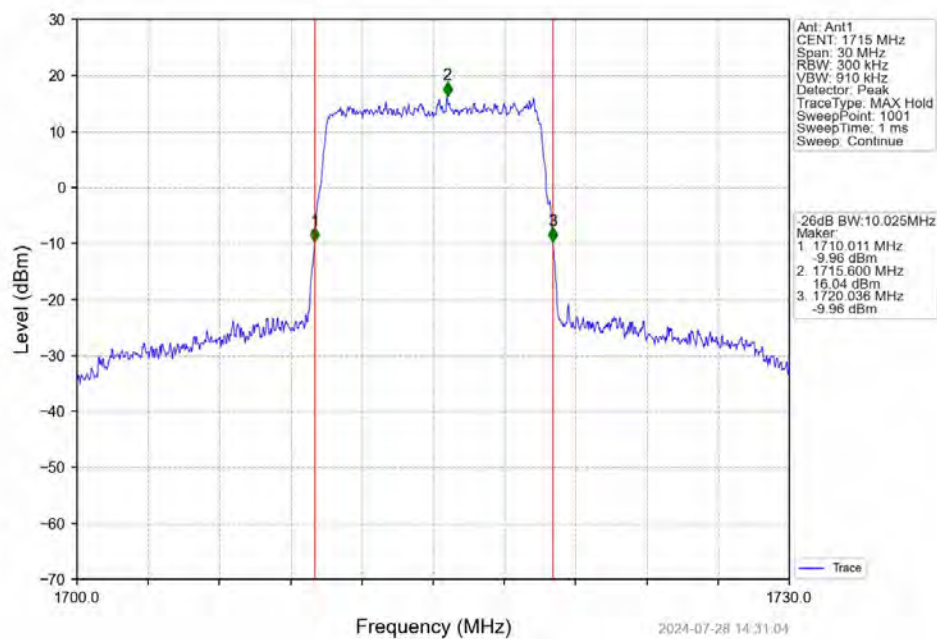
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

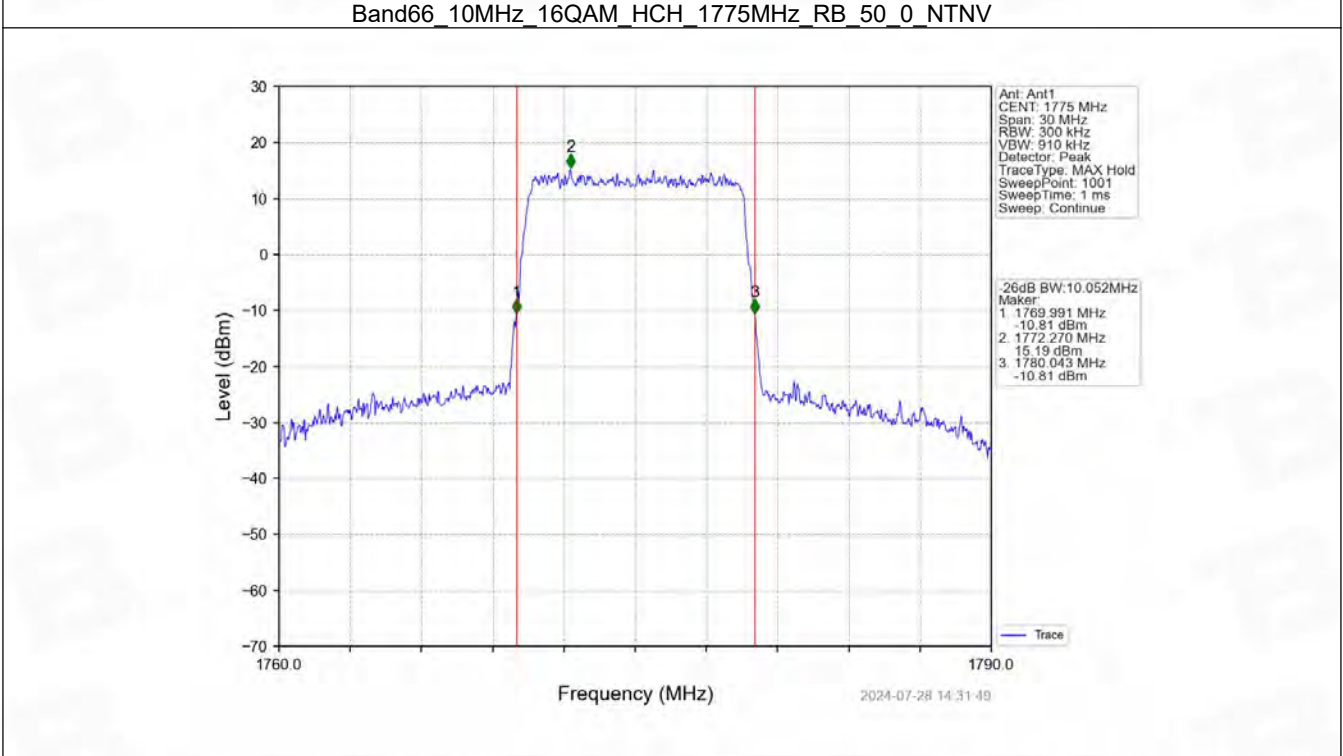
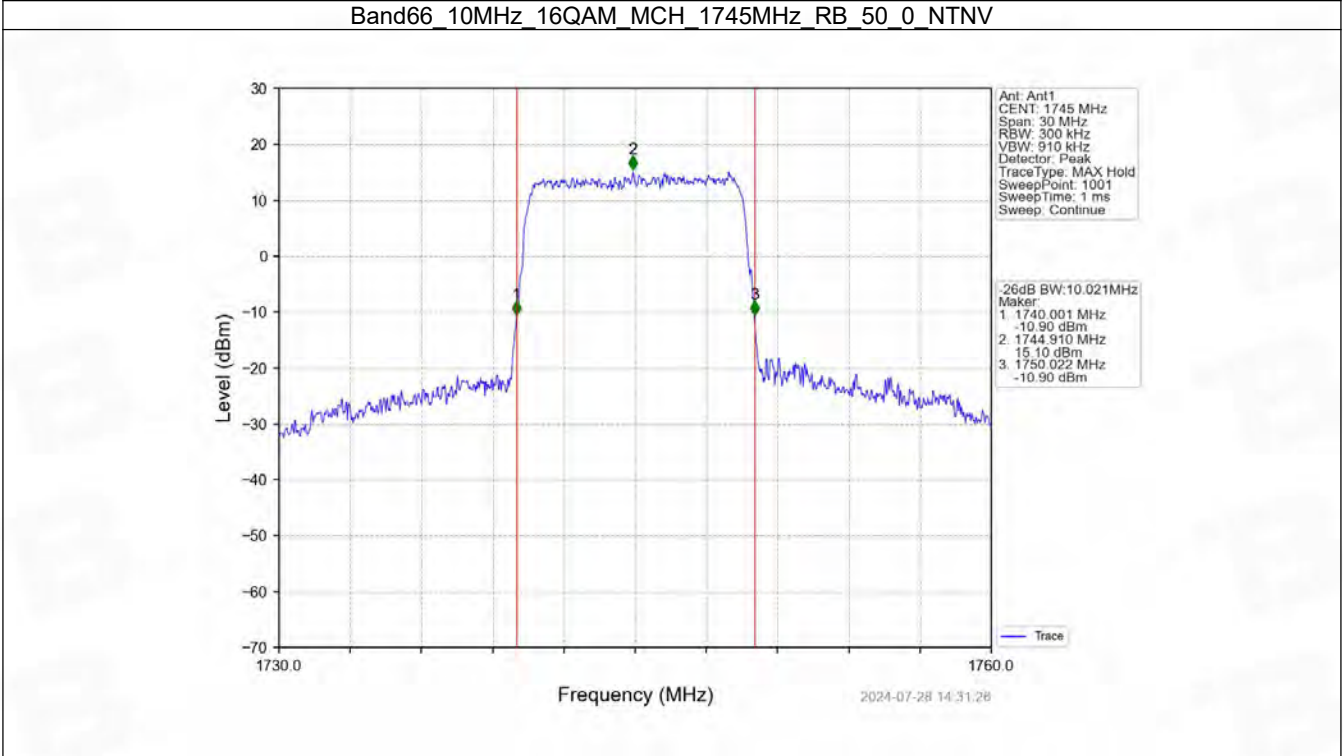


Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

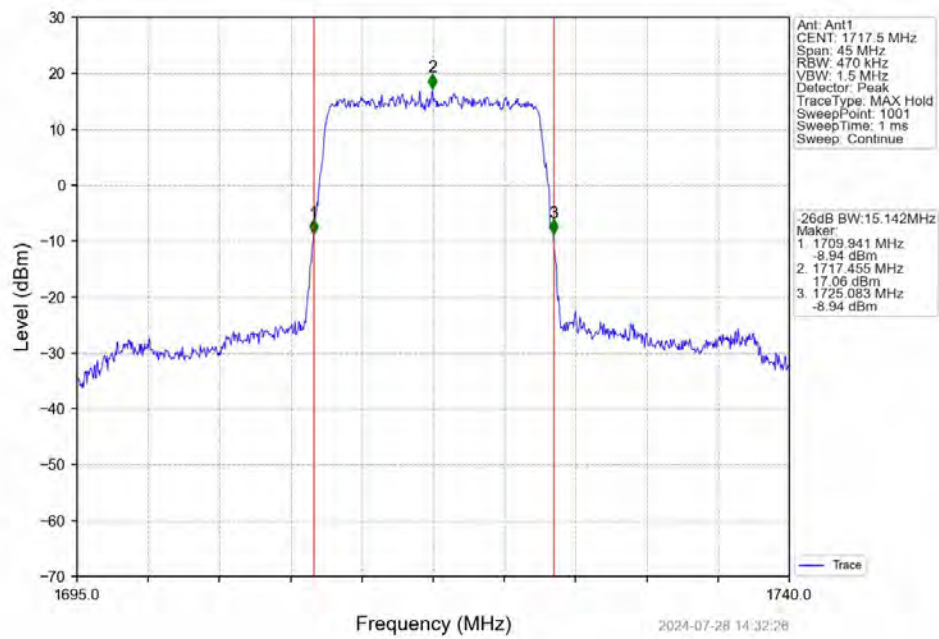


Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

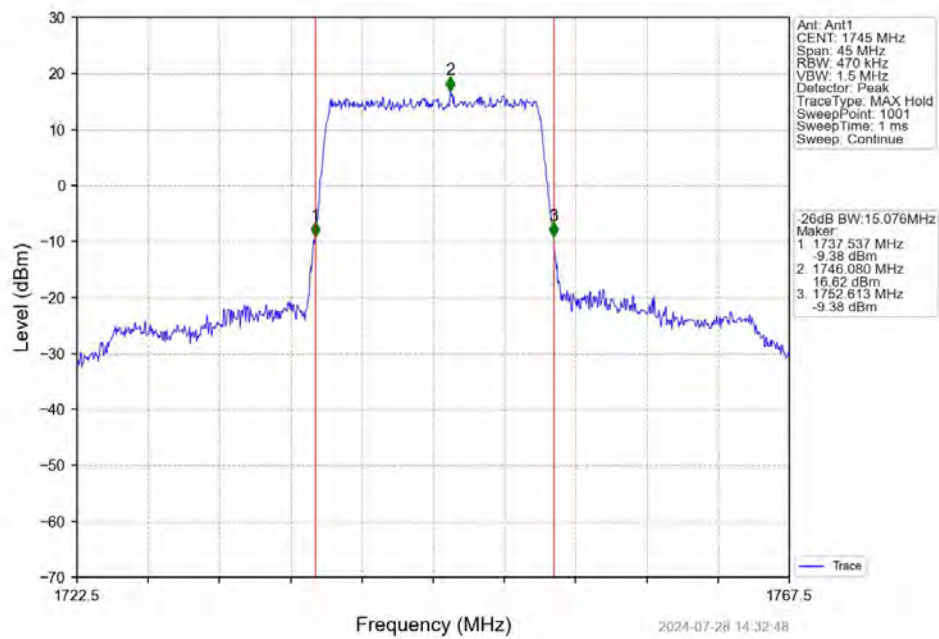


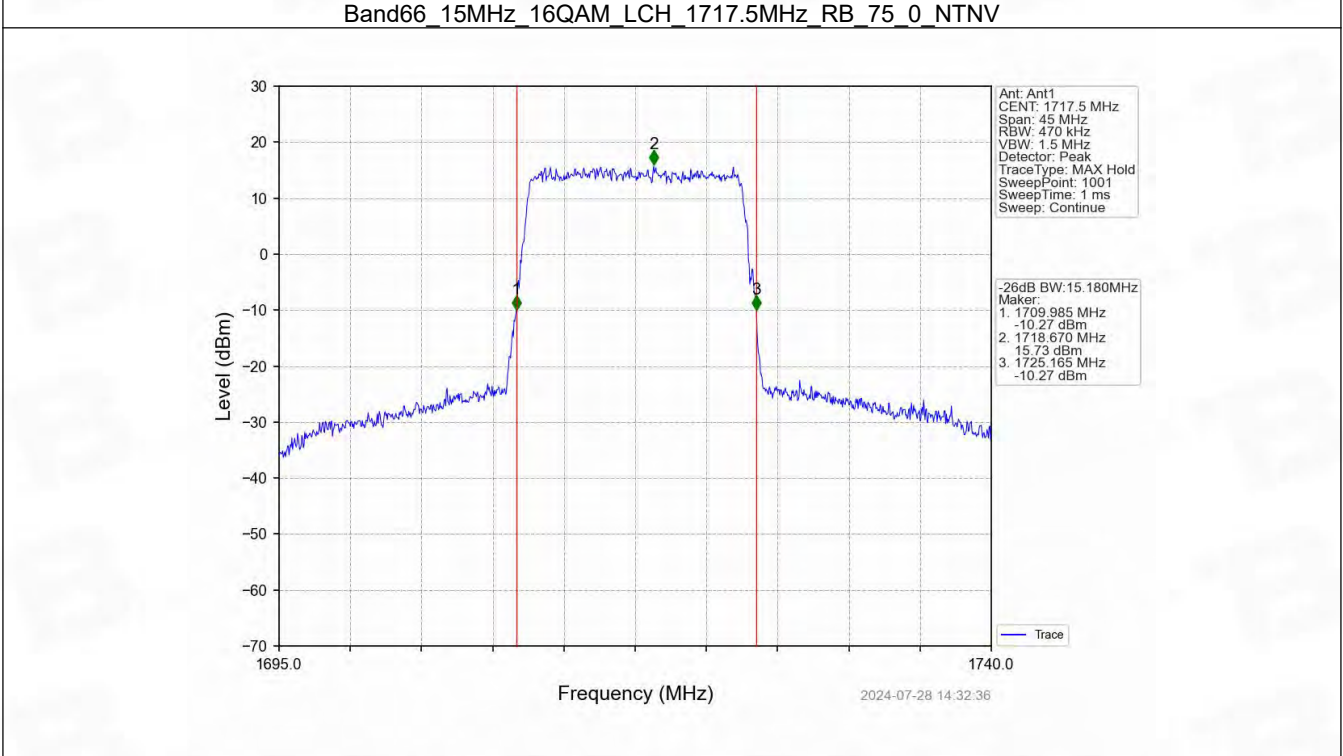
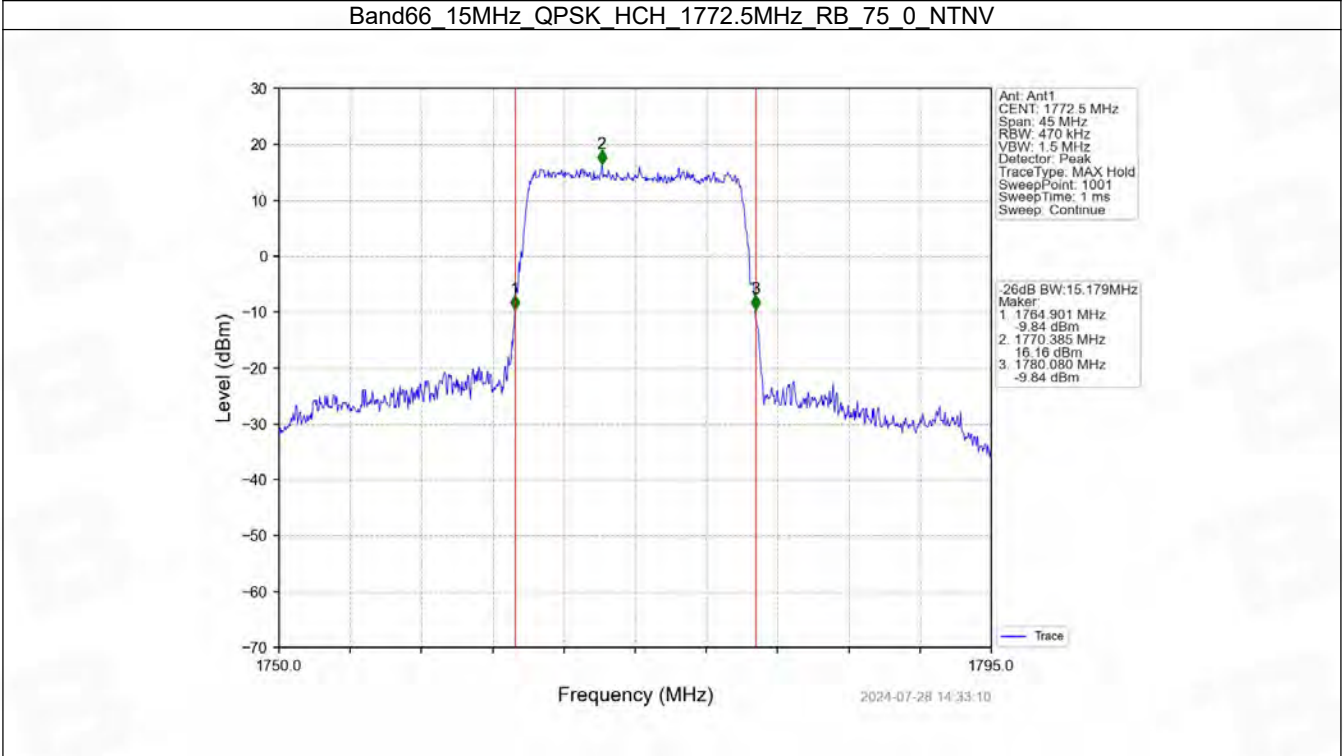


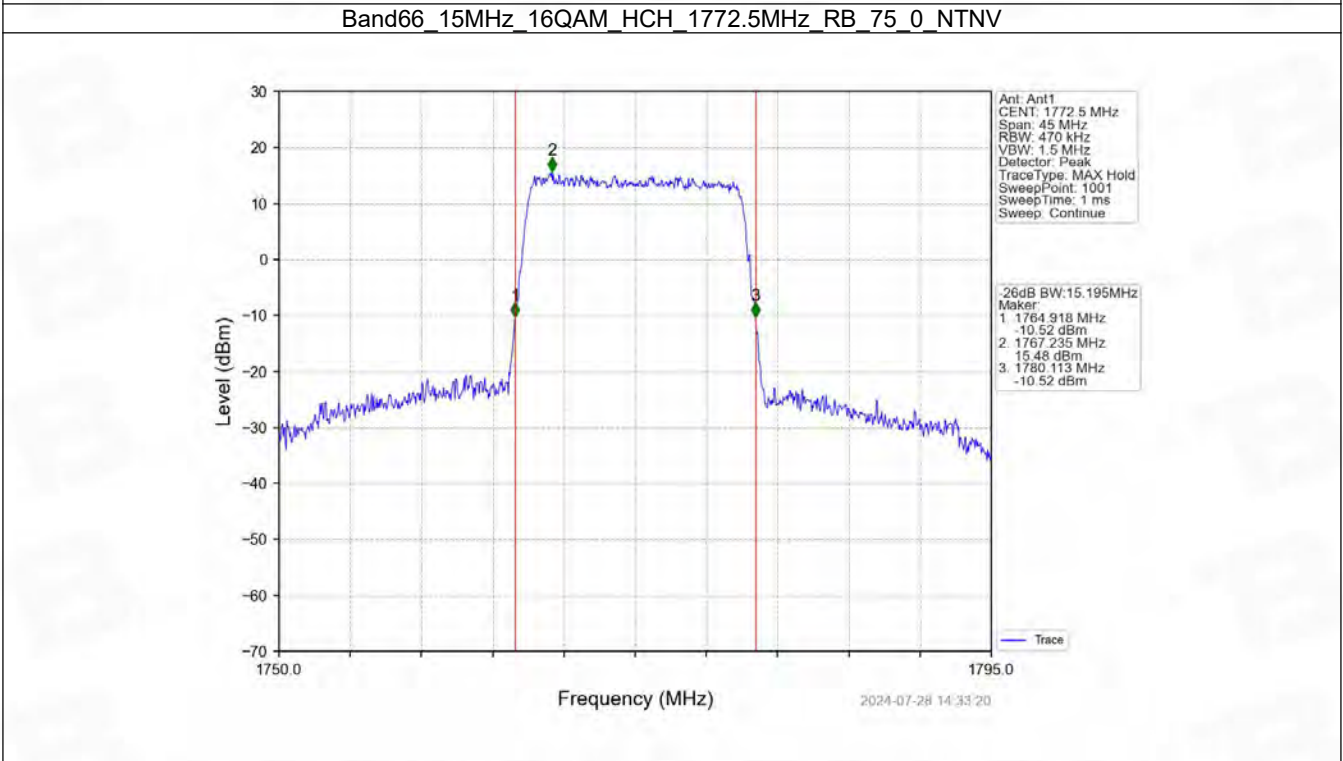
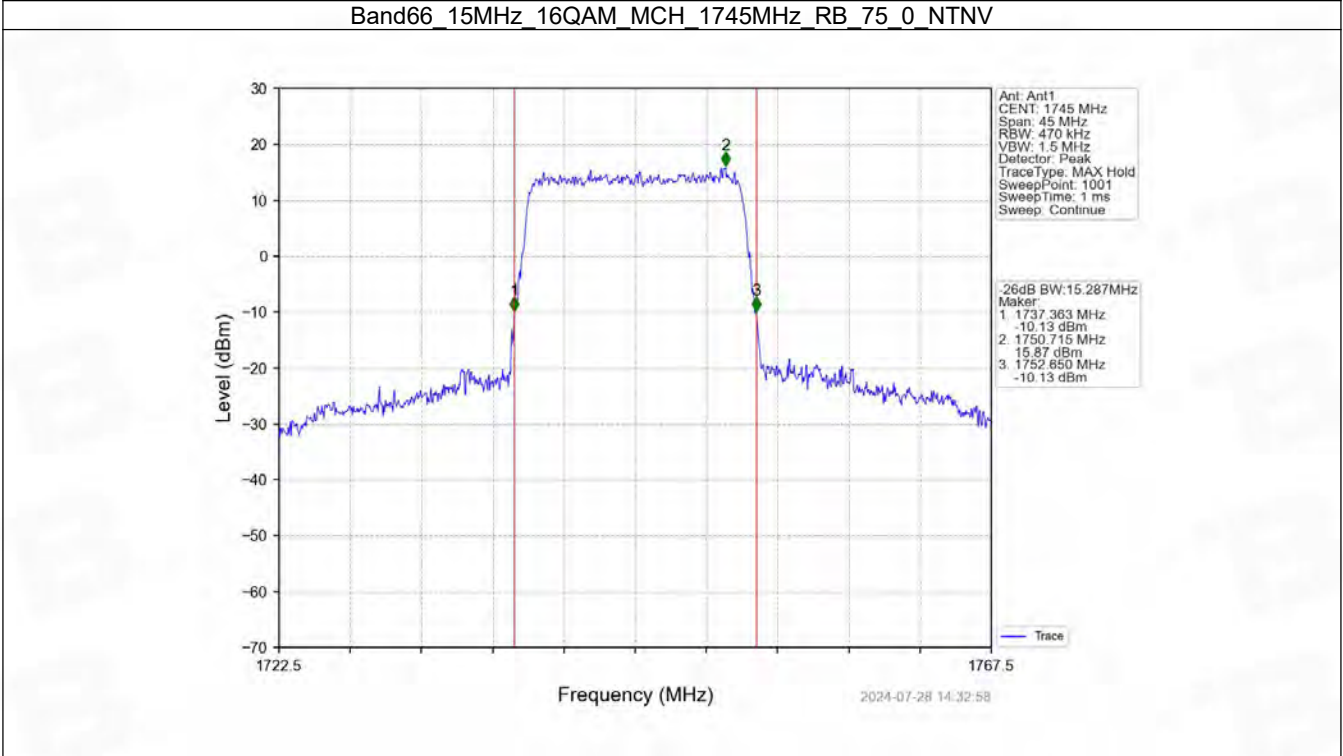
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



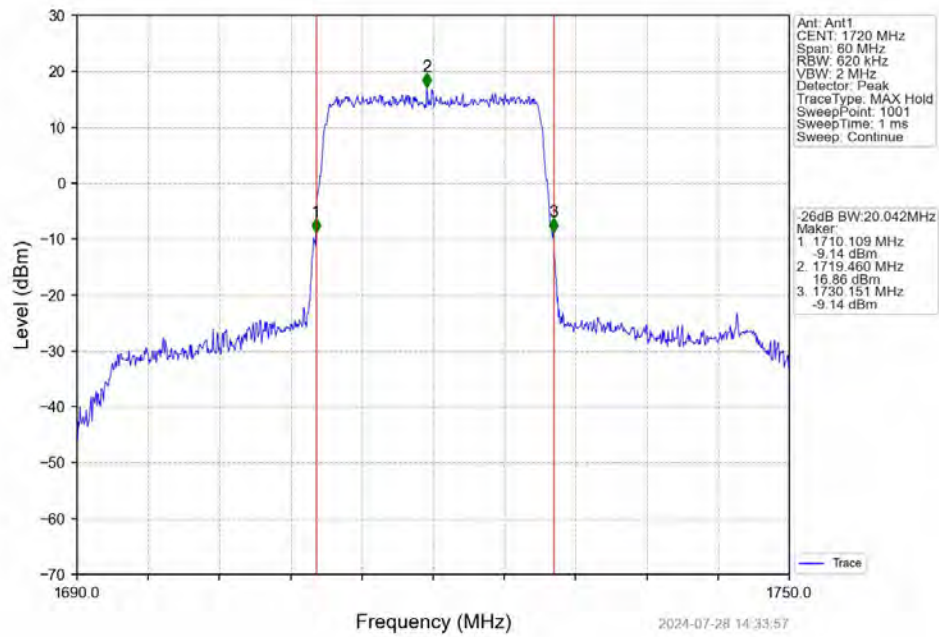
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



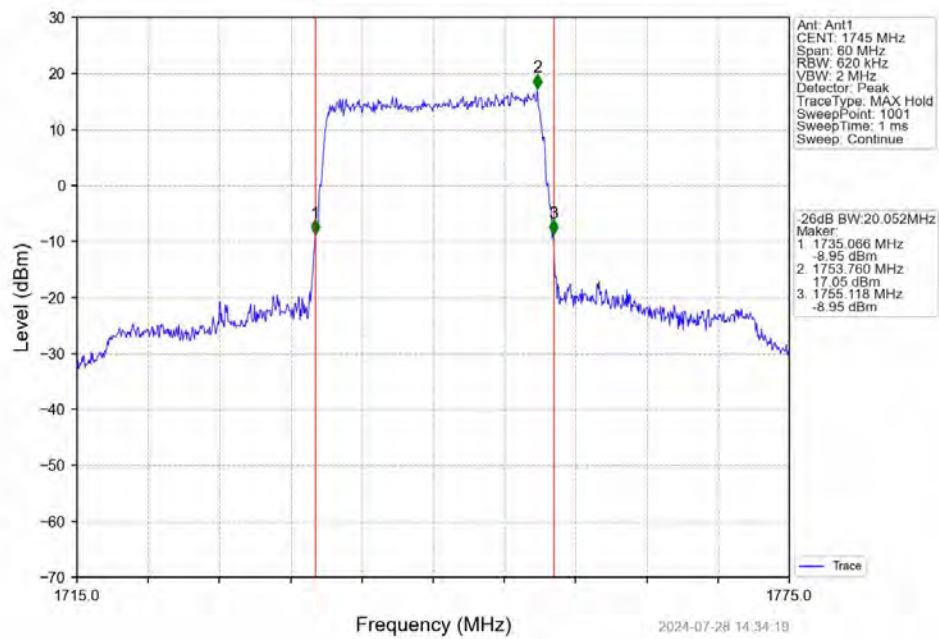




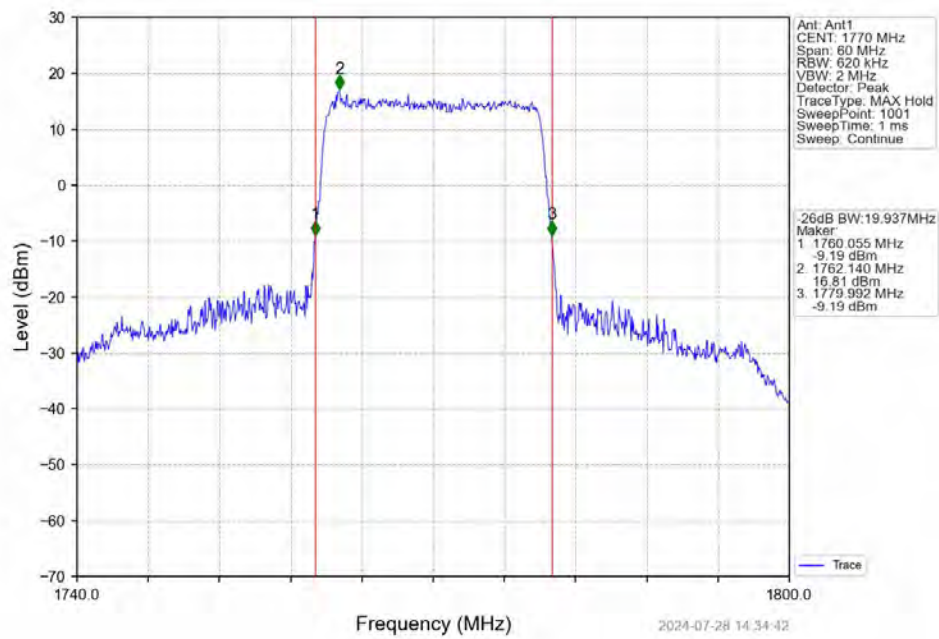
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



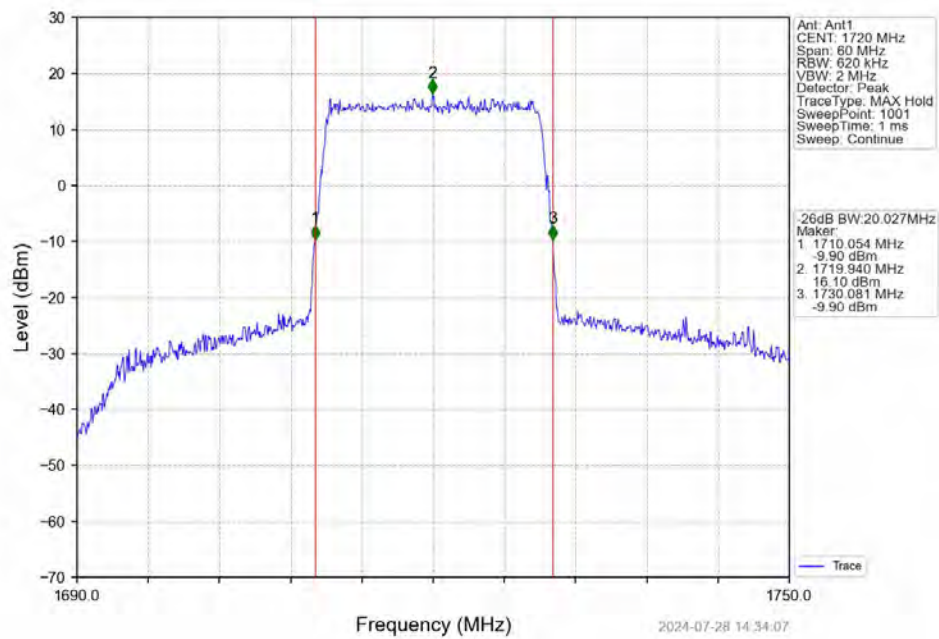
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



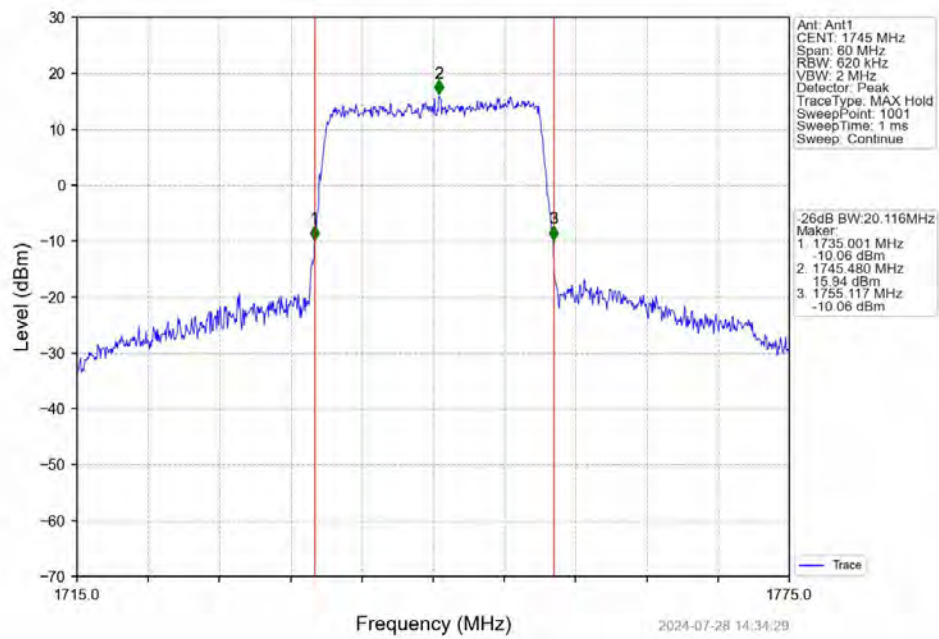
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



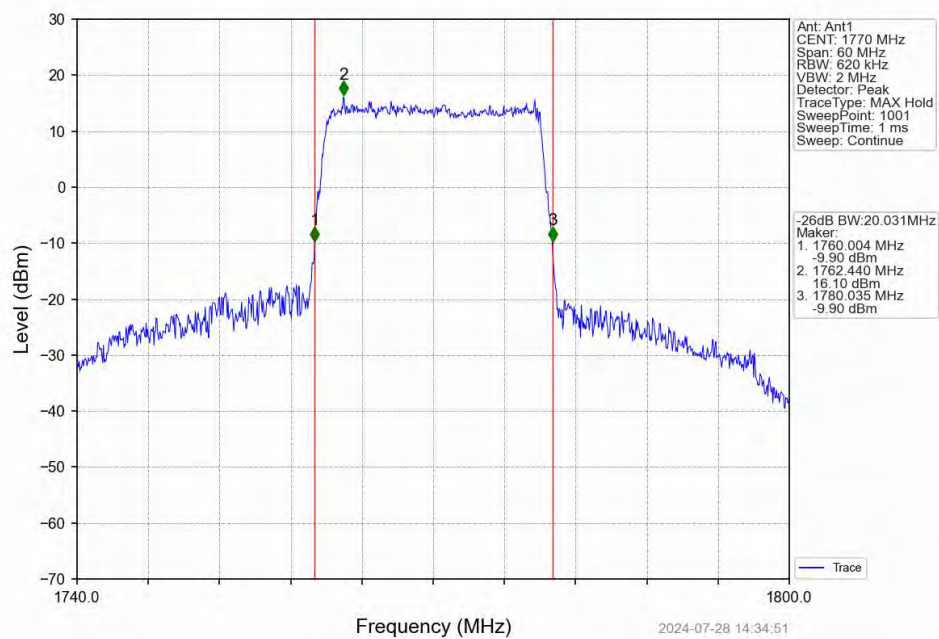
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.23	<=13	Pass
	1745	6	0	5.05	<=13	Pass
	1779.3	6	0	5.51	<=13	Pass
16QAM	1710.7	6	0	8.13	<=13	Pass
	1745	6	0	5.82	<=13	Pass
	1779.3	6	0	6.27	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.37	<=13	Pass
	1745	15	0	5.09	<=13	Pass
	1778.5	15	0	5.62	<=13	Pass
16QAM	1711.5	15	0	6.17	<=13	Pass
	1745	15	0	5.93	<=13	Pass
	1778.5	15	0	6.41	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.51	<=13	Pass
	1745	25	0	5.29	<=13	Pass
	1777.5	25	0	5.67	<=13	Pass
16QAM	1712.5	25	0	6.27	<=13	Pass
	1745	25	0	6.02	<=13	Pass
	1777.5	25	0	6.38	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.59	<=13	Pass
	1745	50	0	5.33	<=13	Pass
	1775	50	0	5.65	<=13	Pass
16QAM	1715	50	0	6.28	<=13	Pass
	1745	50	0	6.10	<=13	Pass

	1775	50	0	6.38	<=13	Pass
--	------	----	---	------	------	------

5.1.5 B66_15MHz

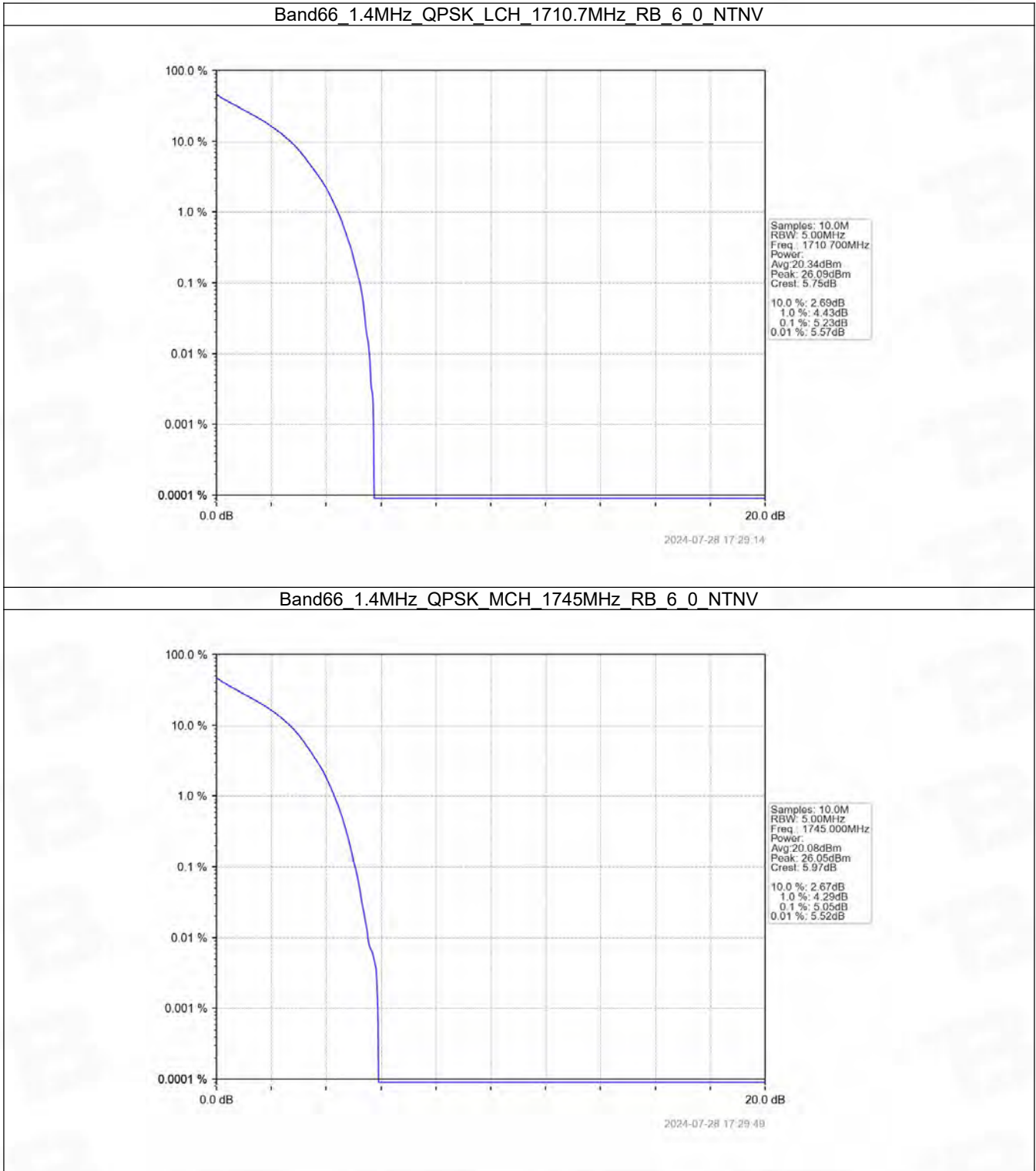
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.91	<=13	Pass
	1745	75	0	5.45	<=13	Pass
	1772.5	75	0	5.79	<=13	Pass
16QAM	1717.5	75	0	6.42	<=13	Pass
	1745	75	0	6.07	<=13	Pass
	1772.5	75	0	6.34	<=13	Pass

5.1.6 B66_20MHz

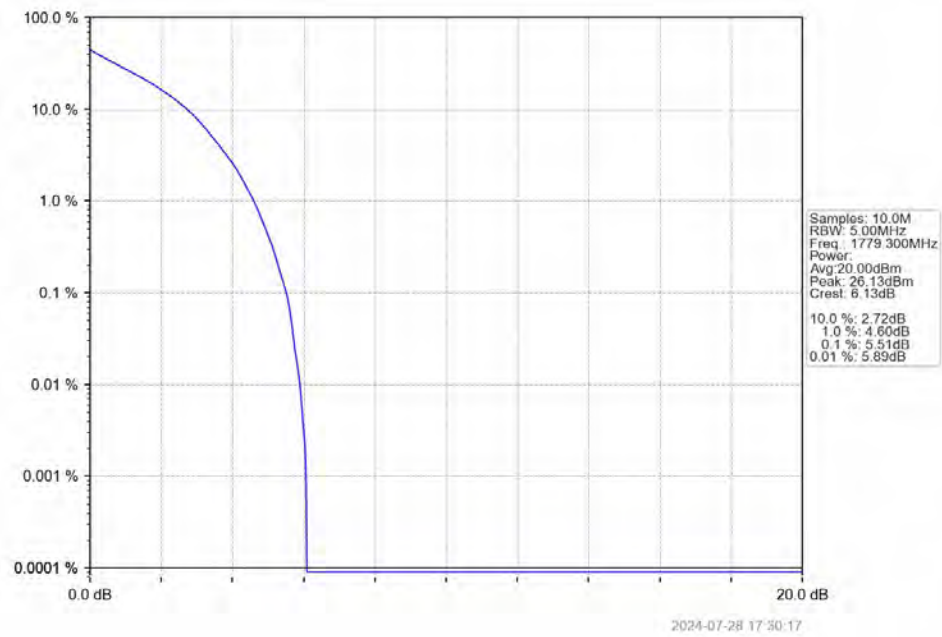
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.74	<=13	Pass
	1745	100	0	5.42	<=13	Pass
	1770	100	0	5.51	<=13	Pass
16QAM	1720	100	0	6.45	<=13	Pass
	1745	100	0	6.15	<=13	Pass
	1770	100	0	6.27	<=13	Pass

5.2 Test Graph

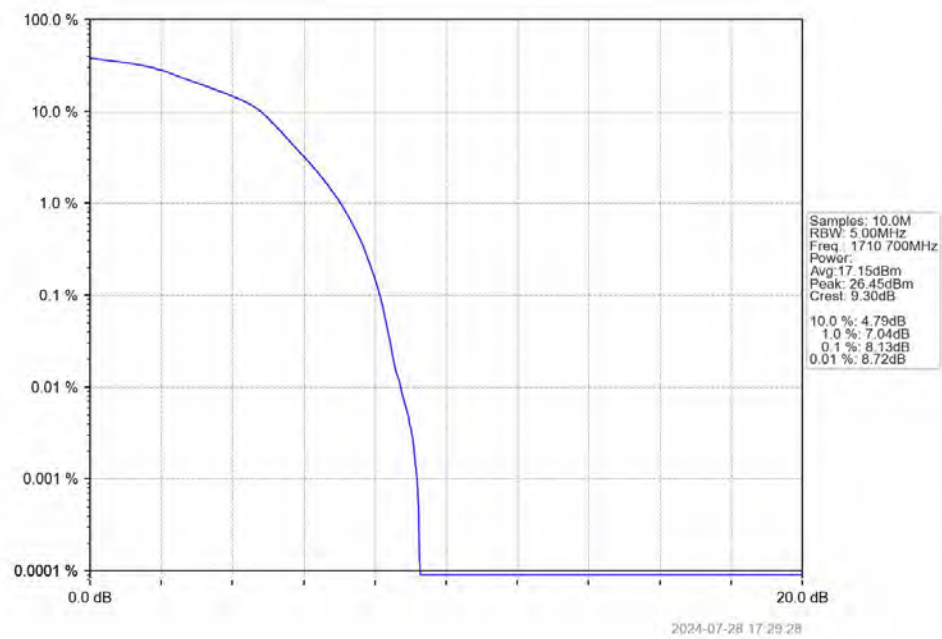
5.2.1 B66_1.4MHz



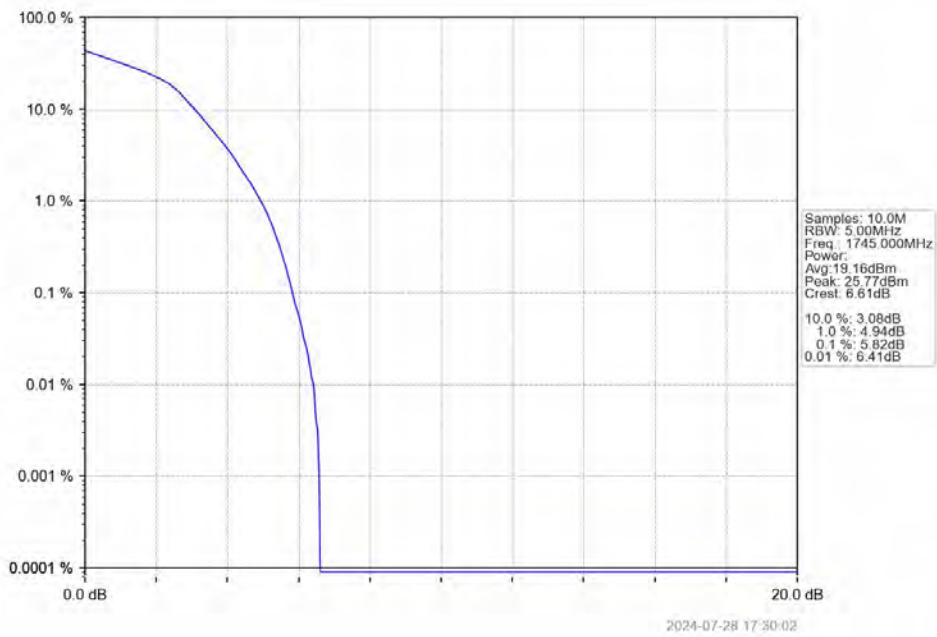
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



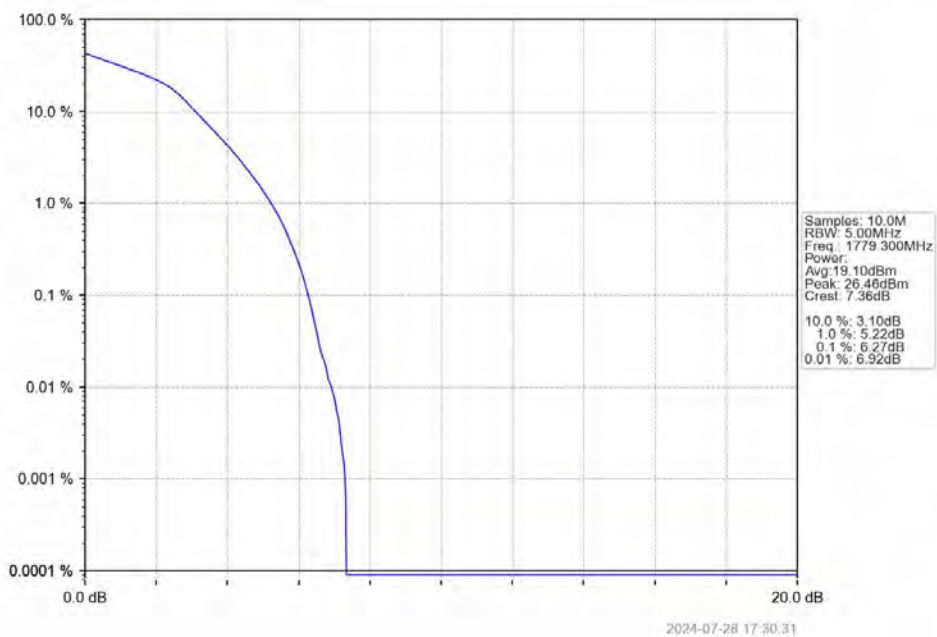
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



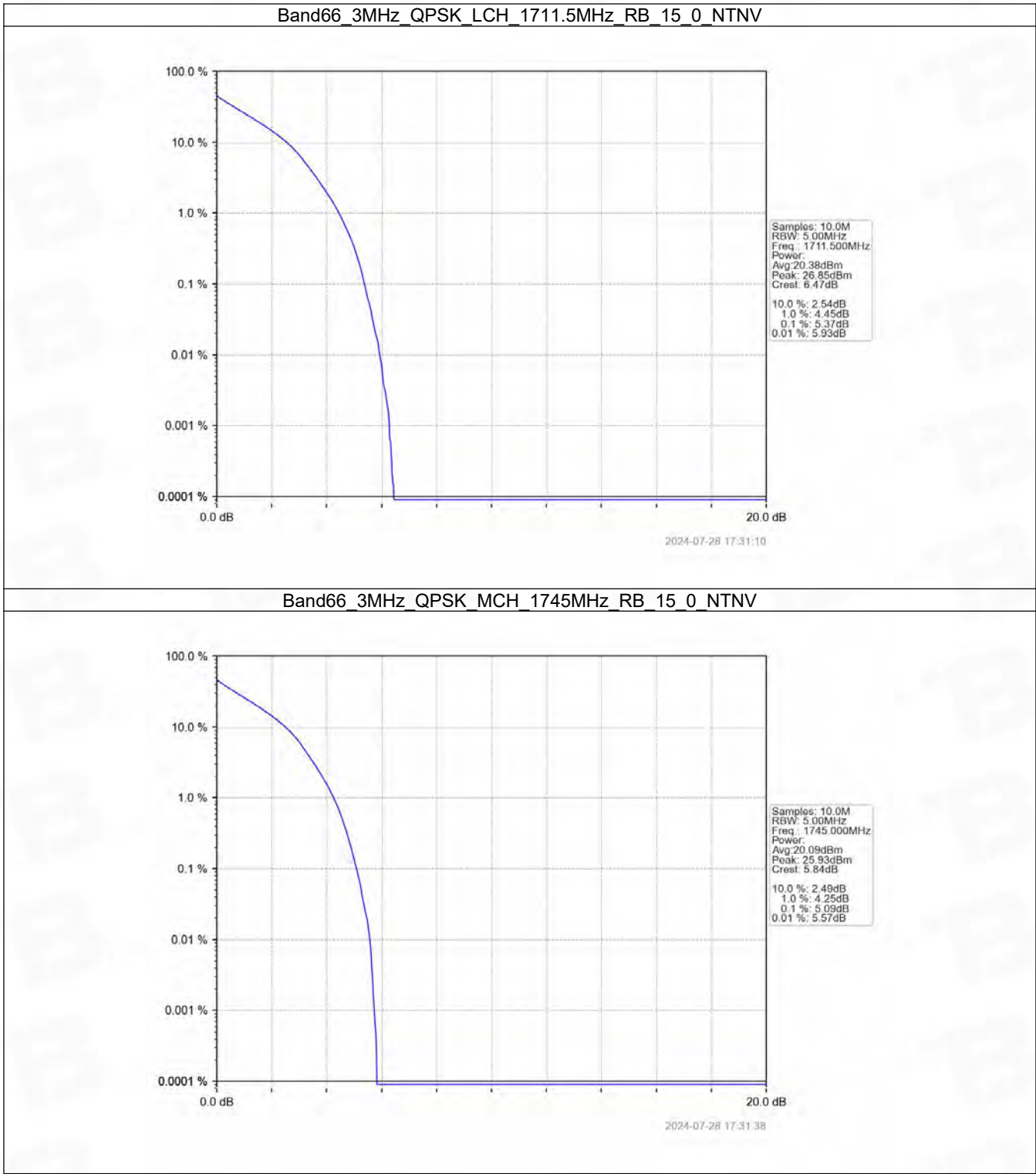
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



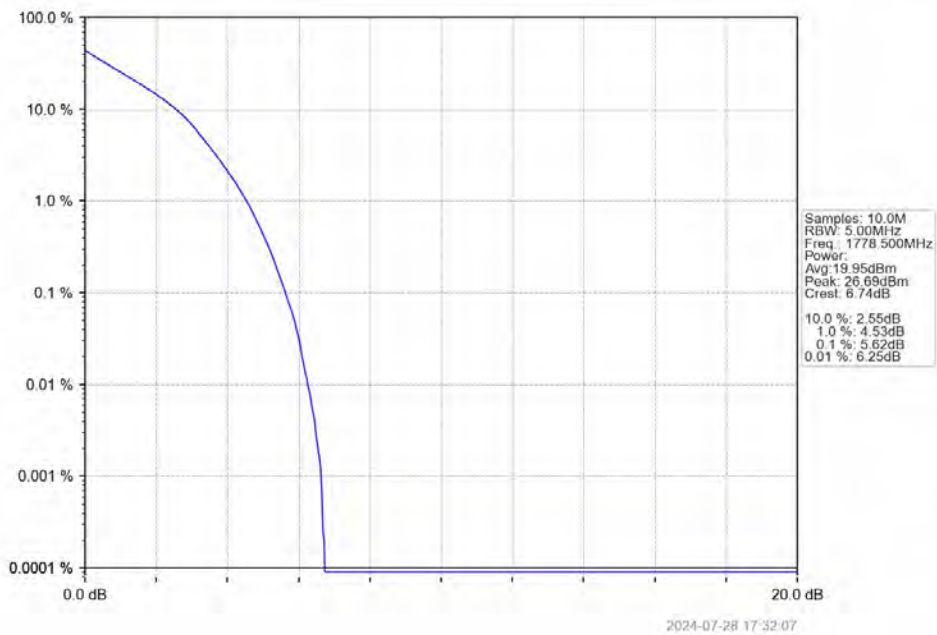
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



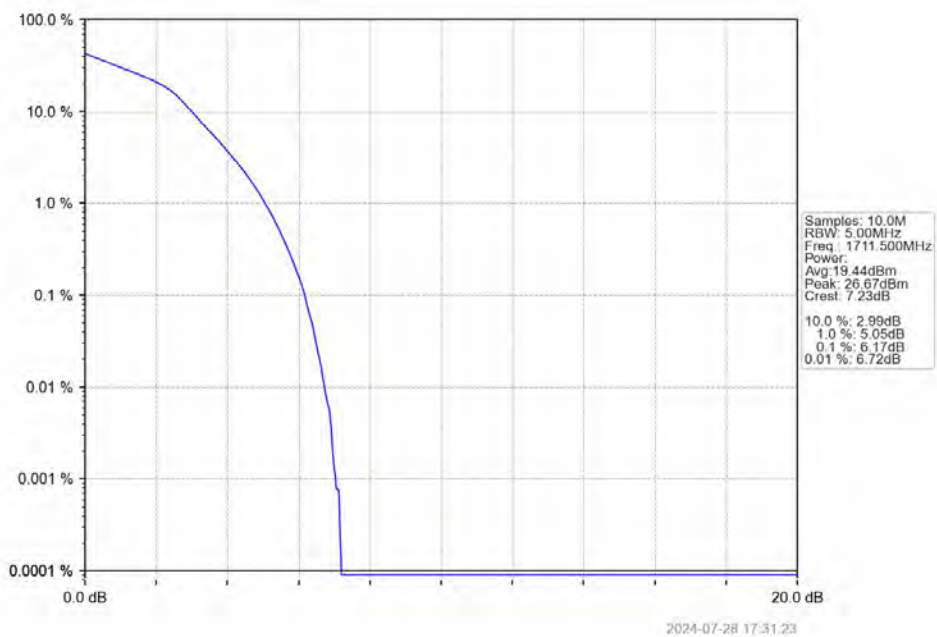
5.2.2 B66_3MHz



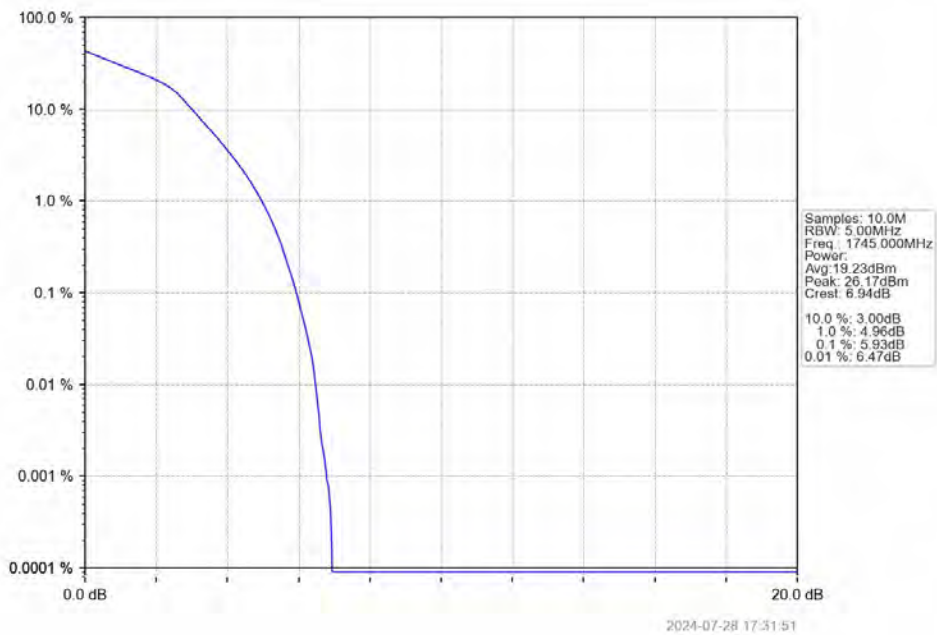
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



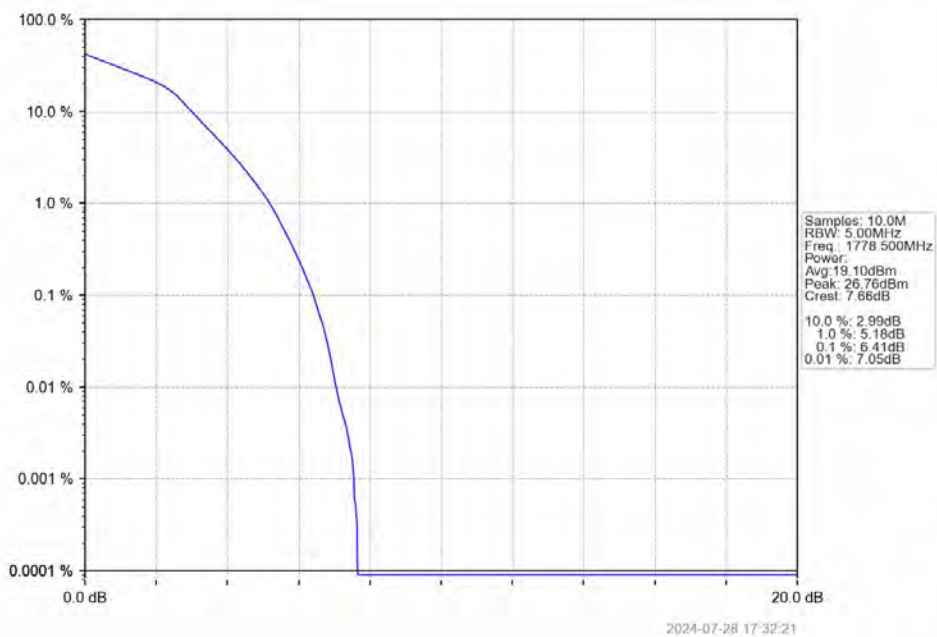
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



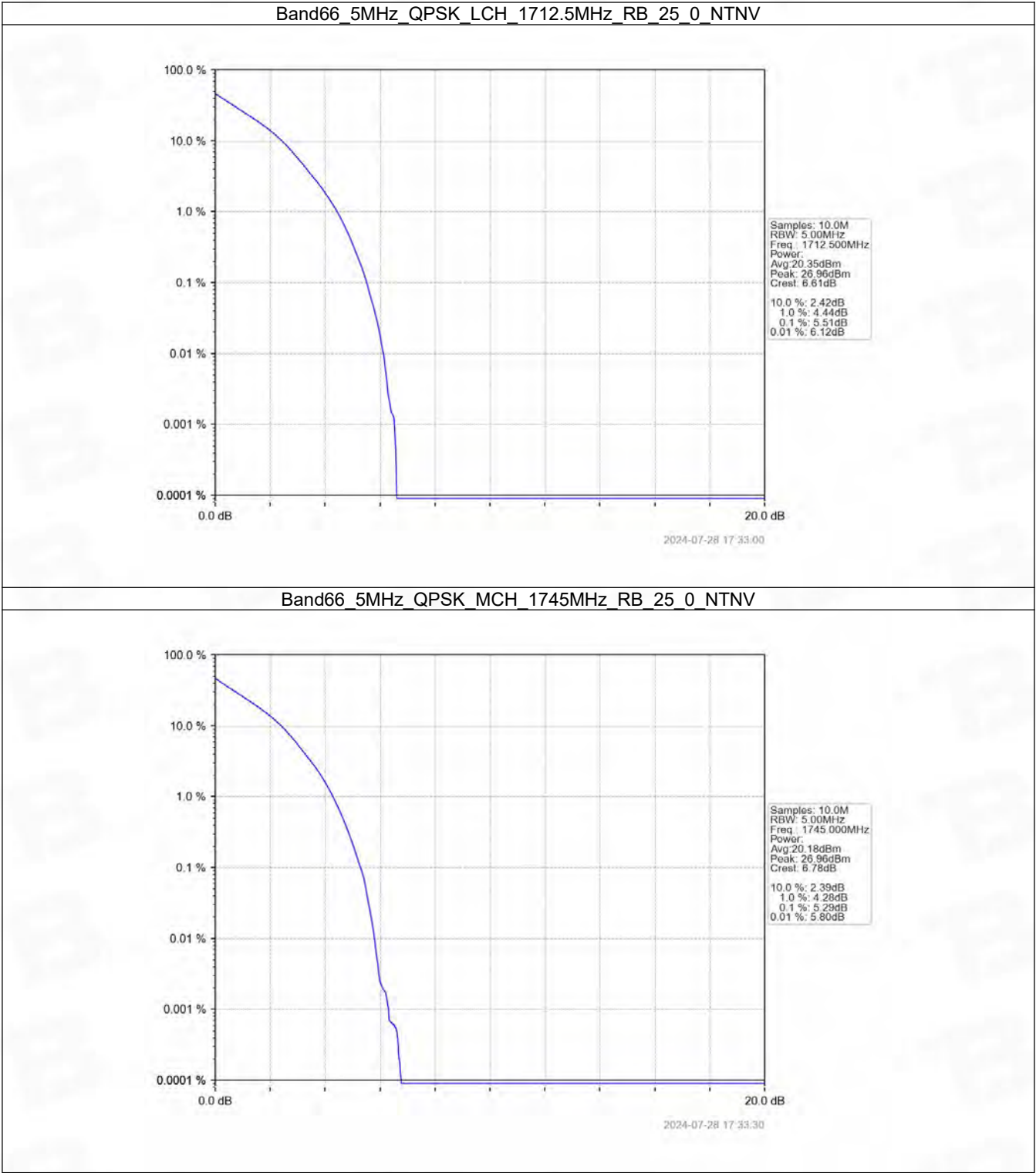
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



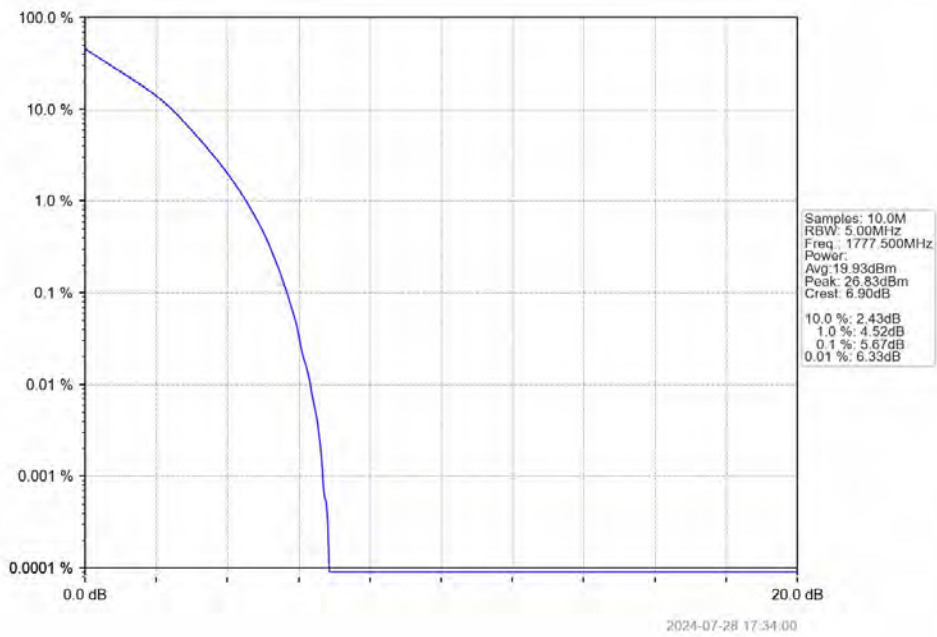
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



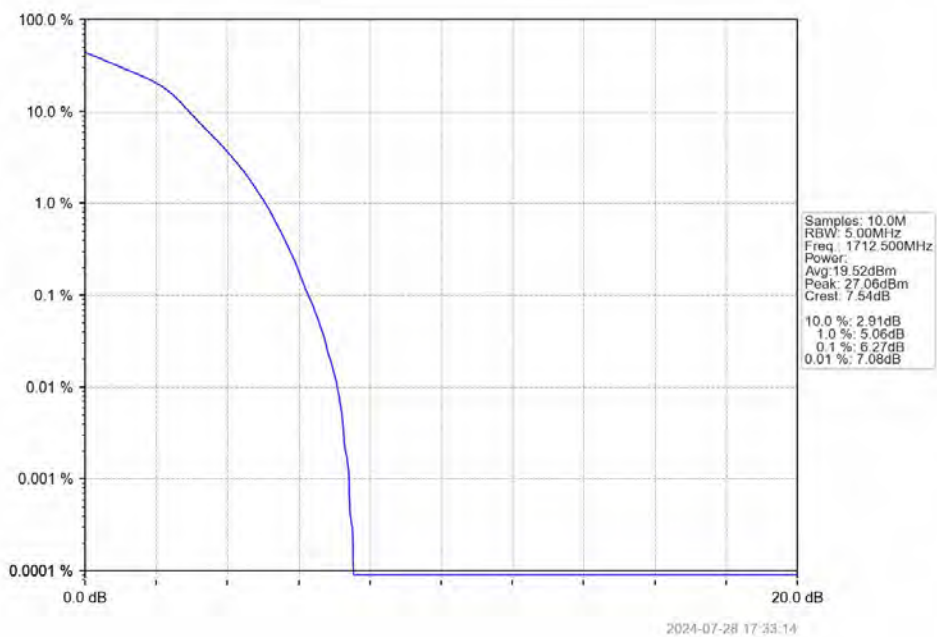
5.2.3 B66_5MHz



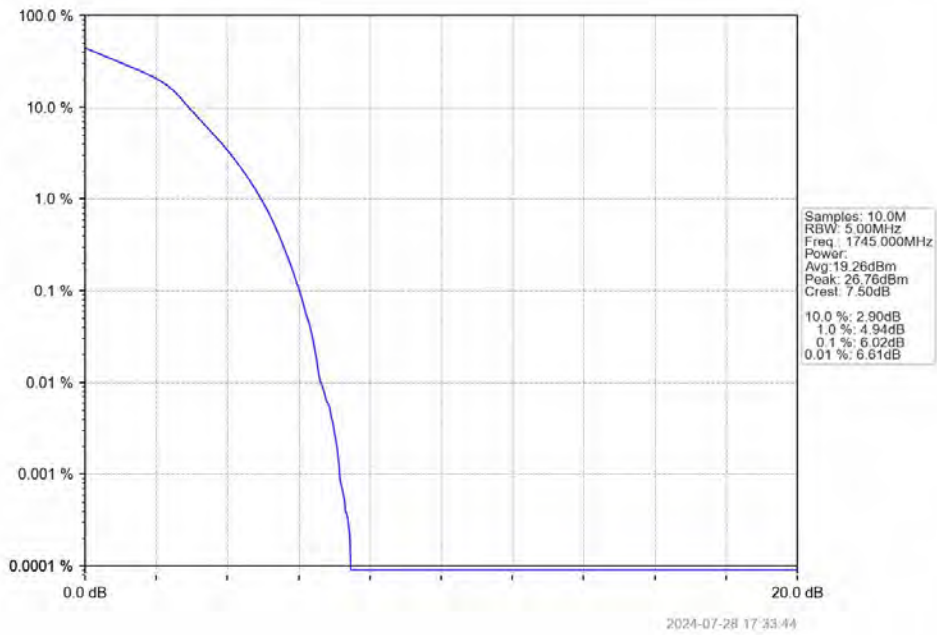
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



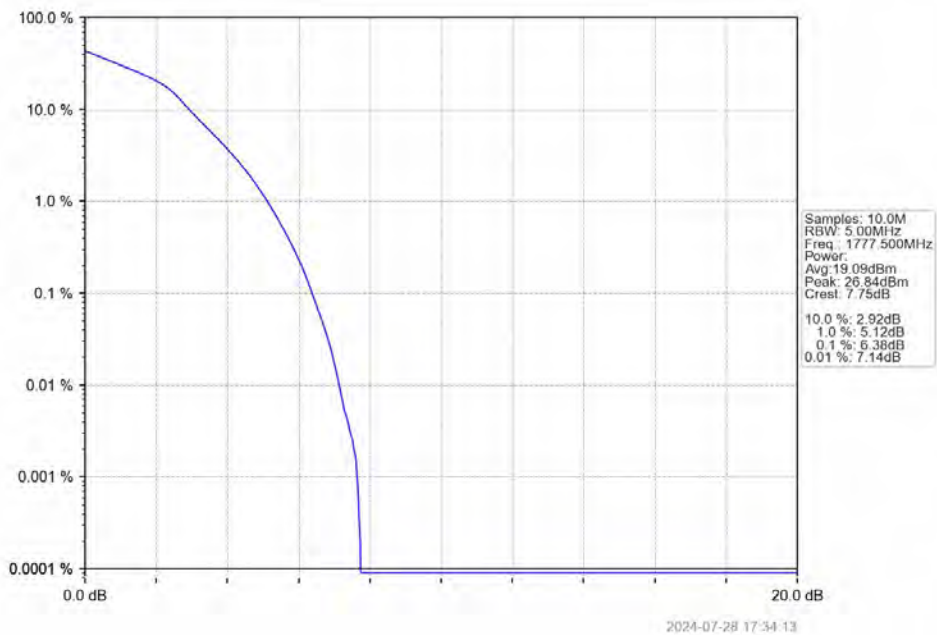
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



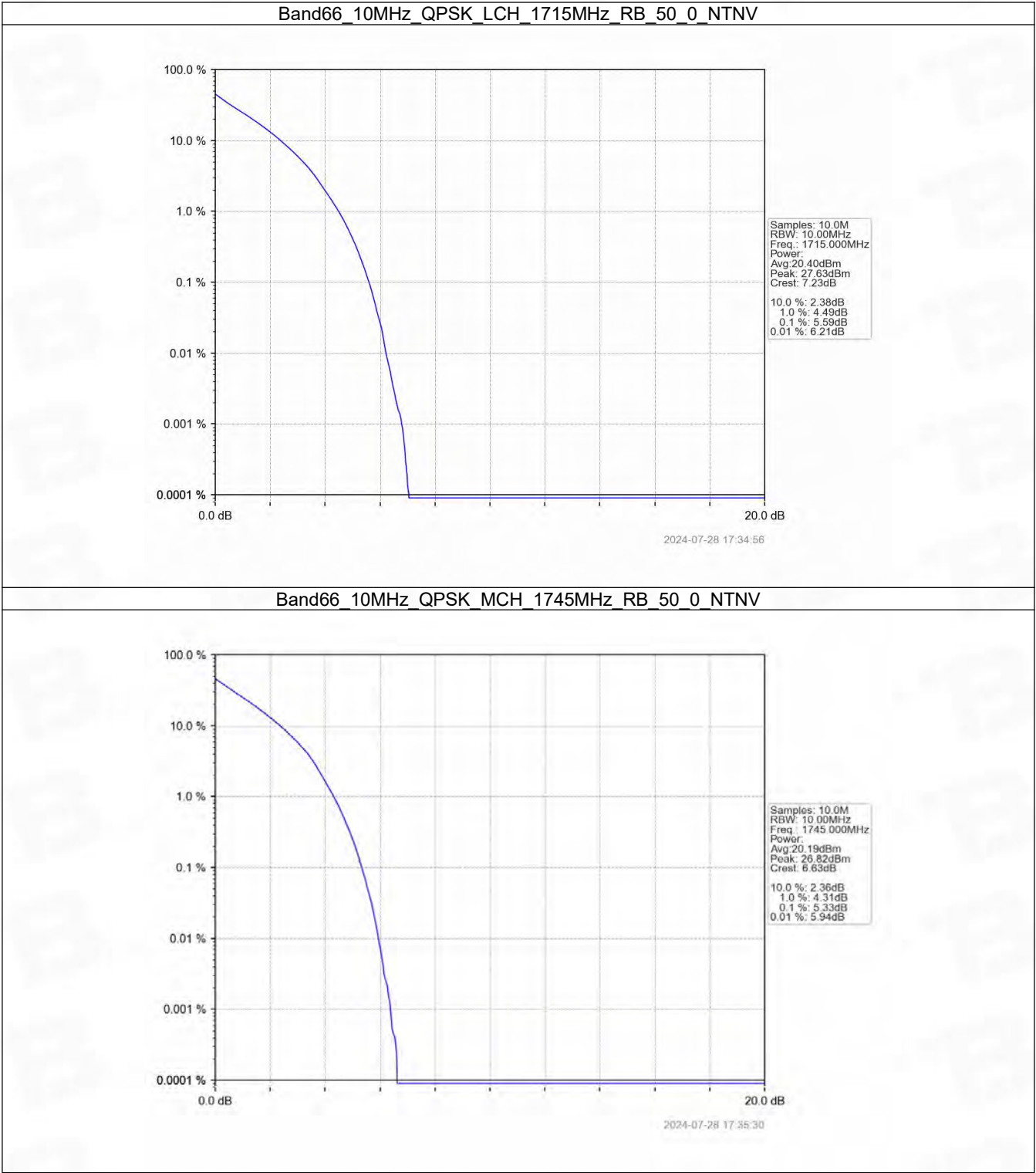
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



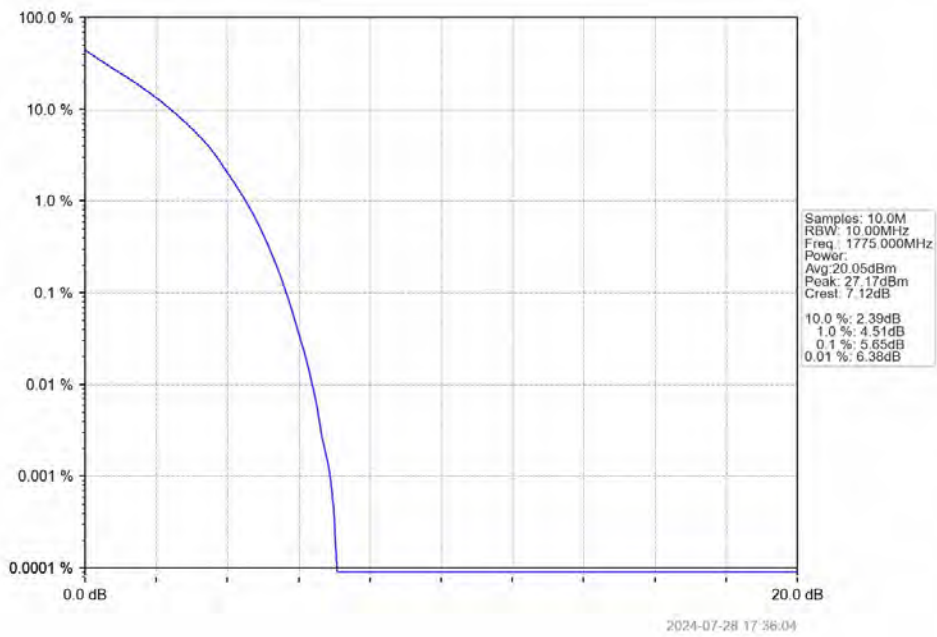
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



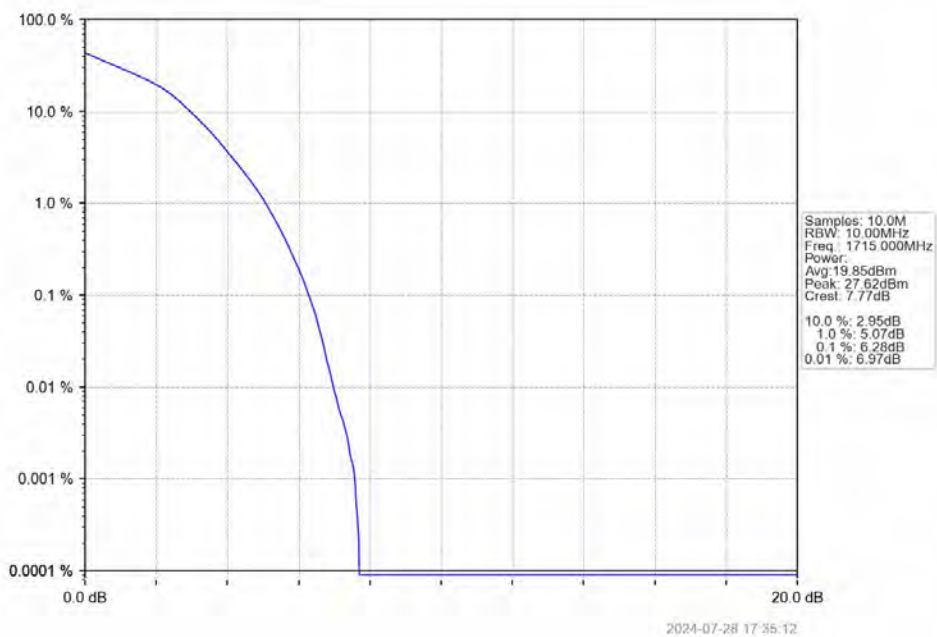
5.2.4 B66_10MHz

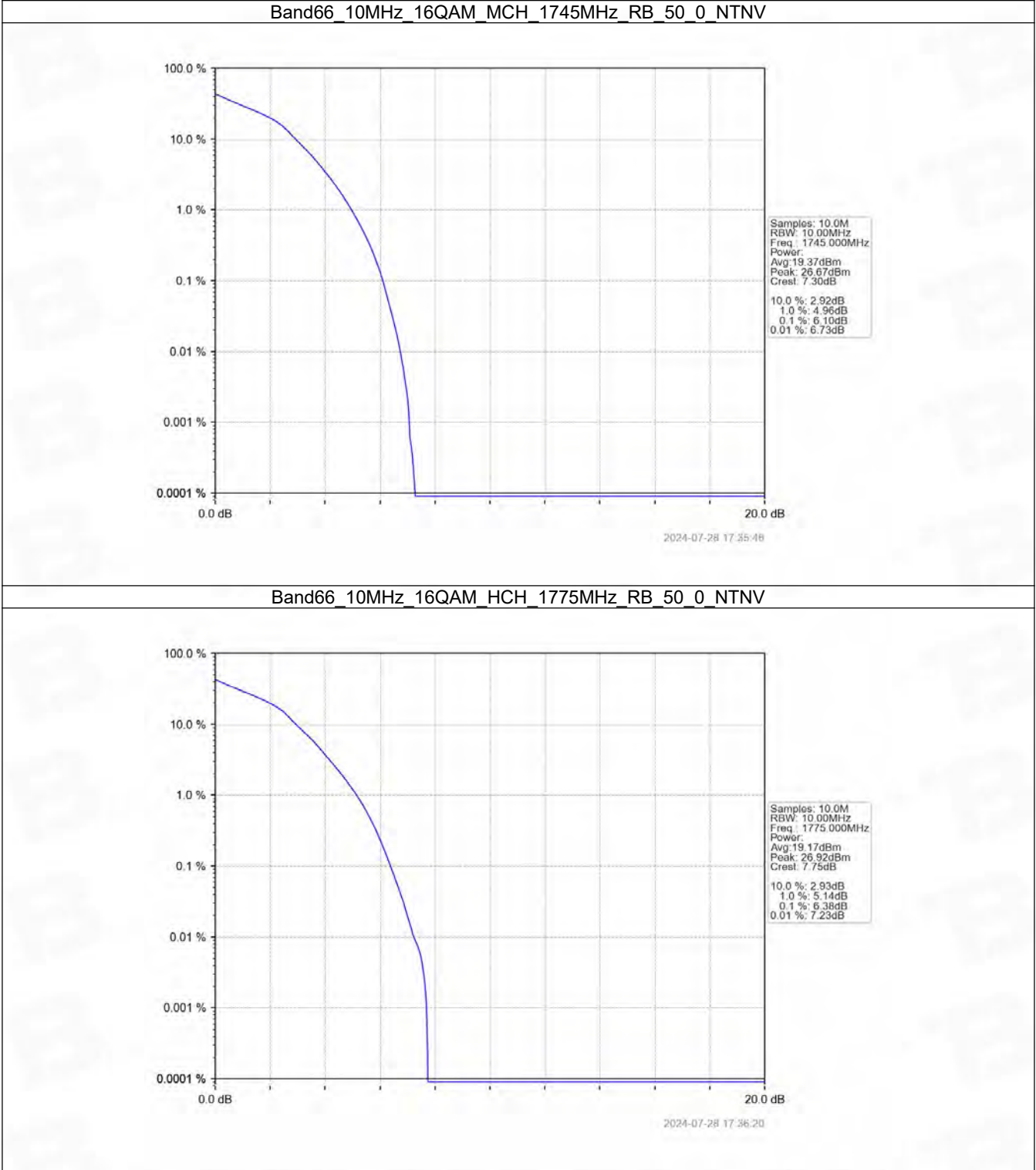


Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

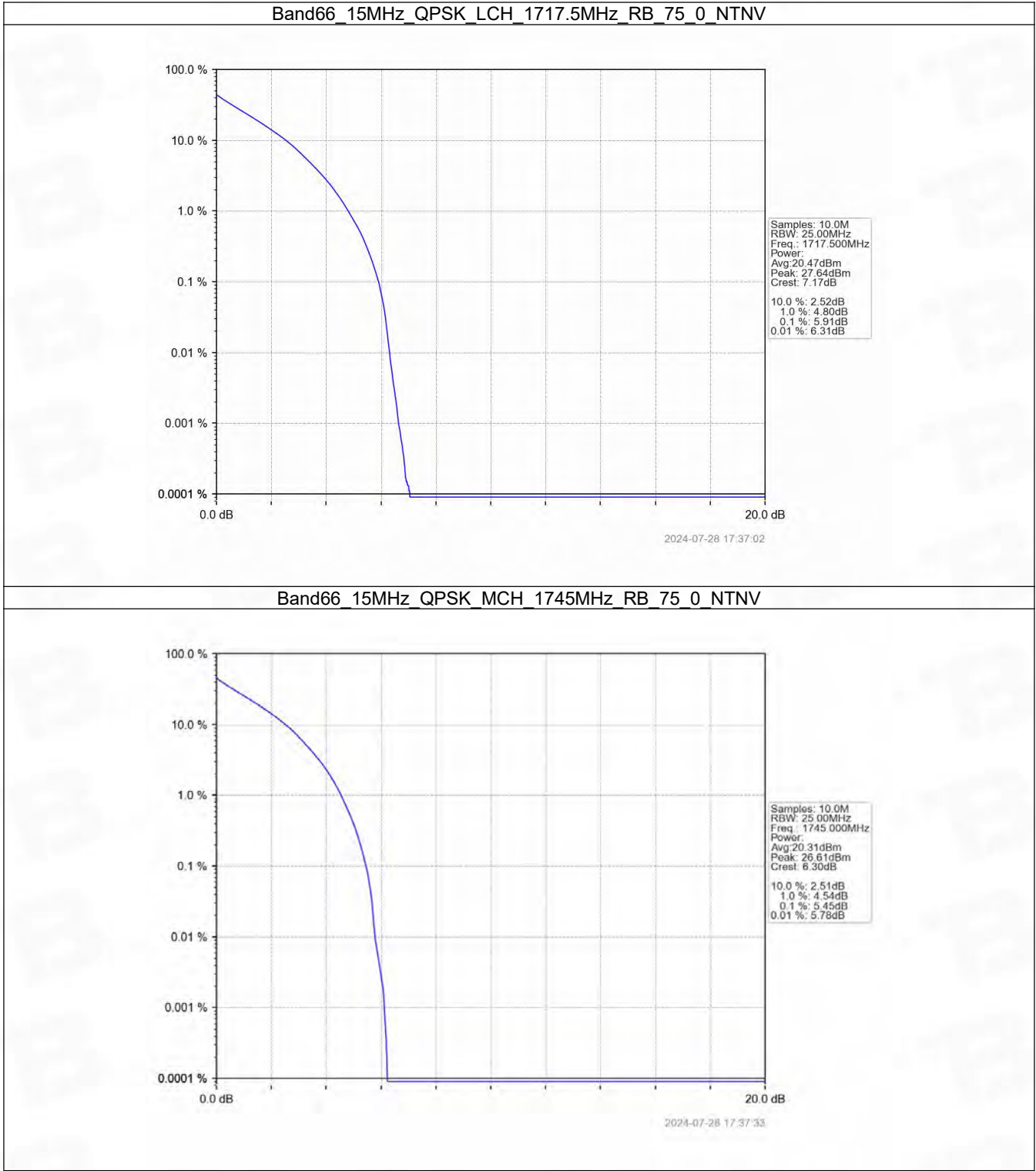


Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

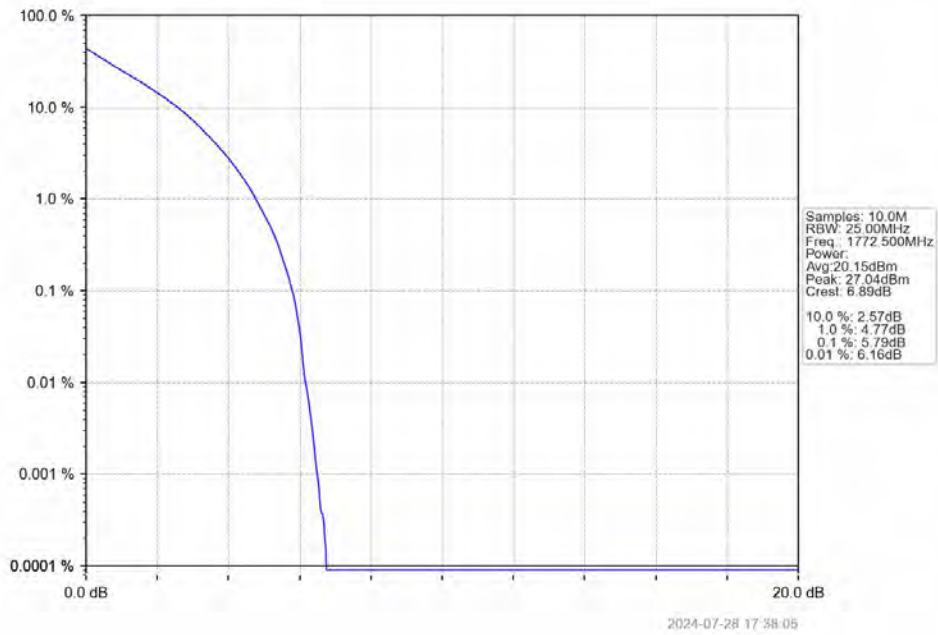




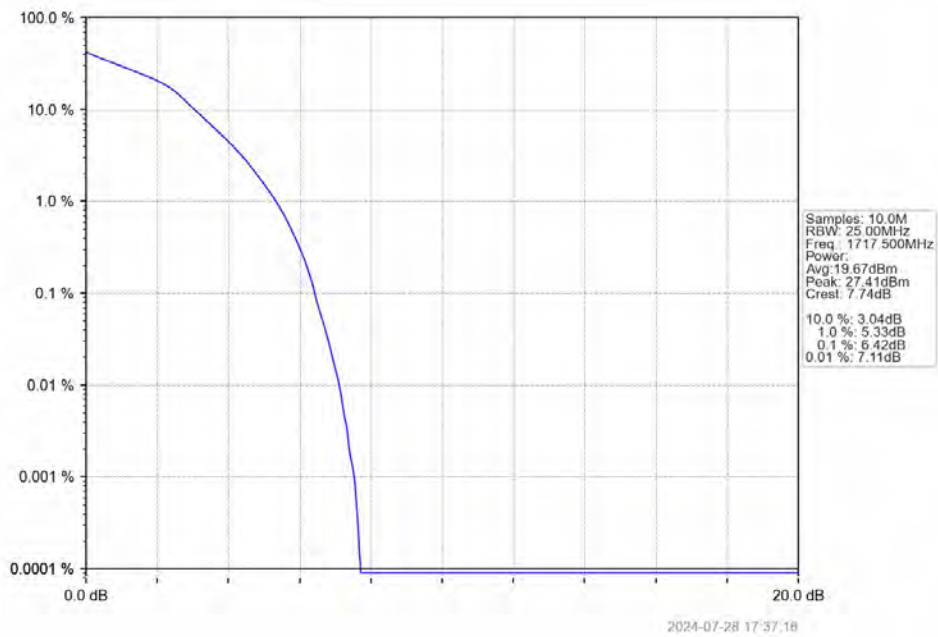
5.2.5 B66_15MHz

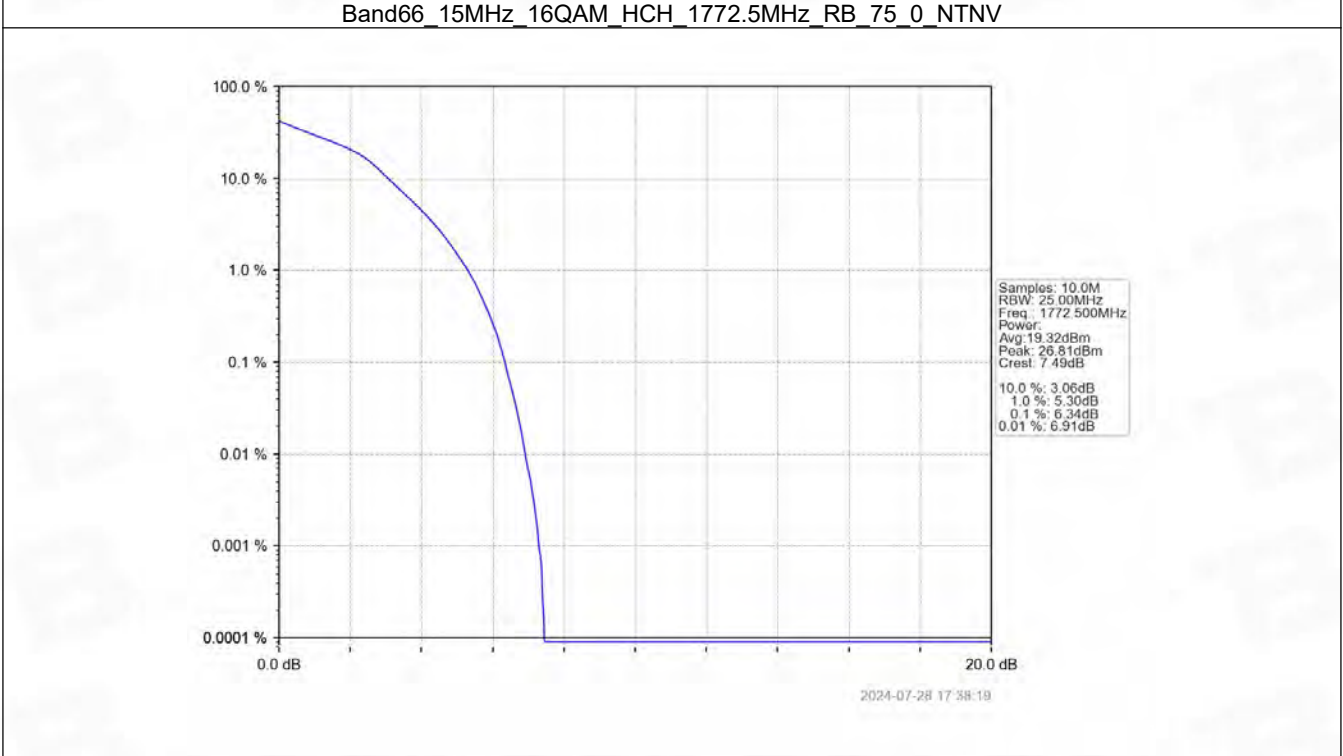


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV

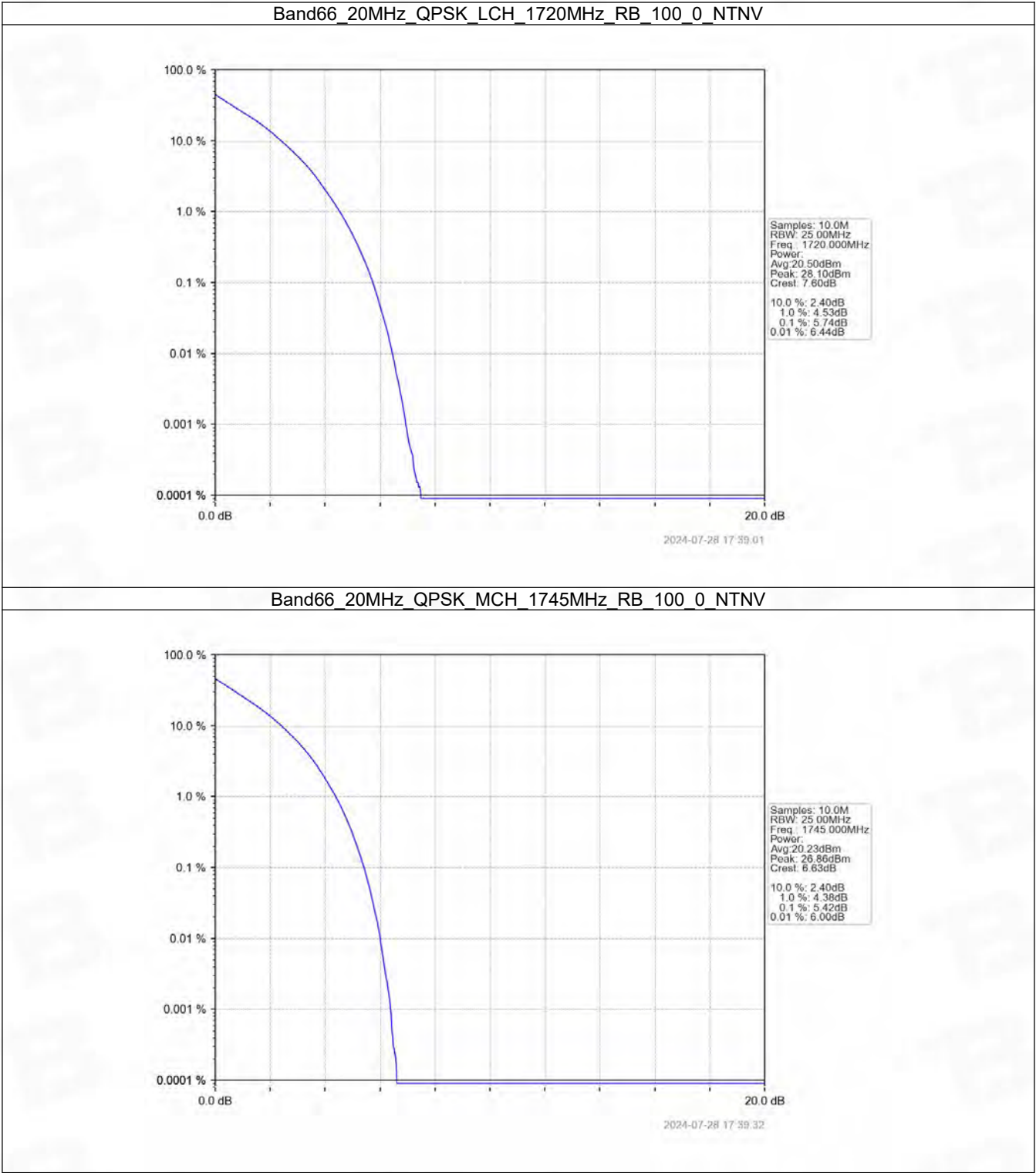


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

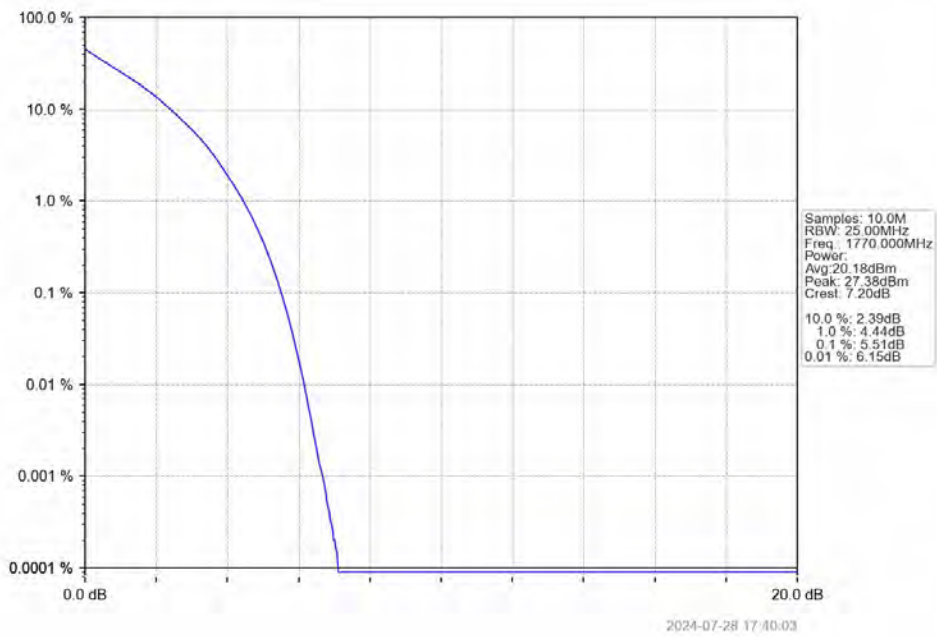




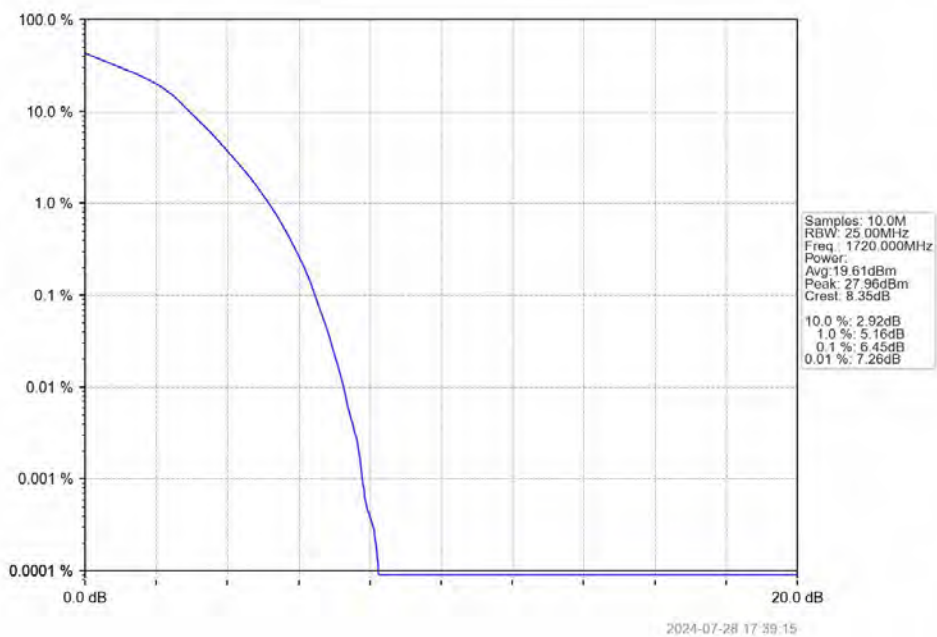
5.2.6 B66_20MHz



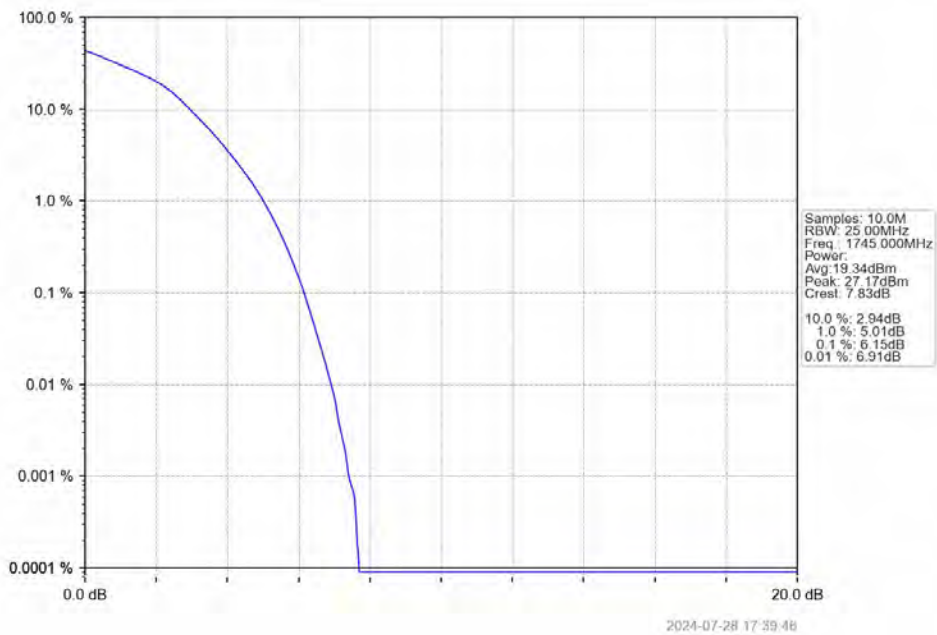
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



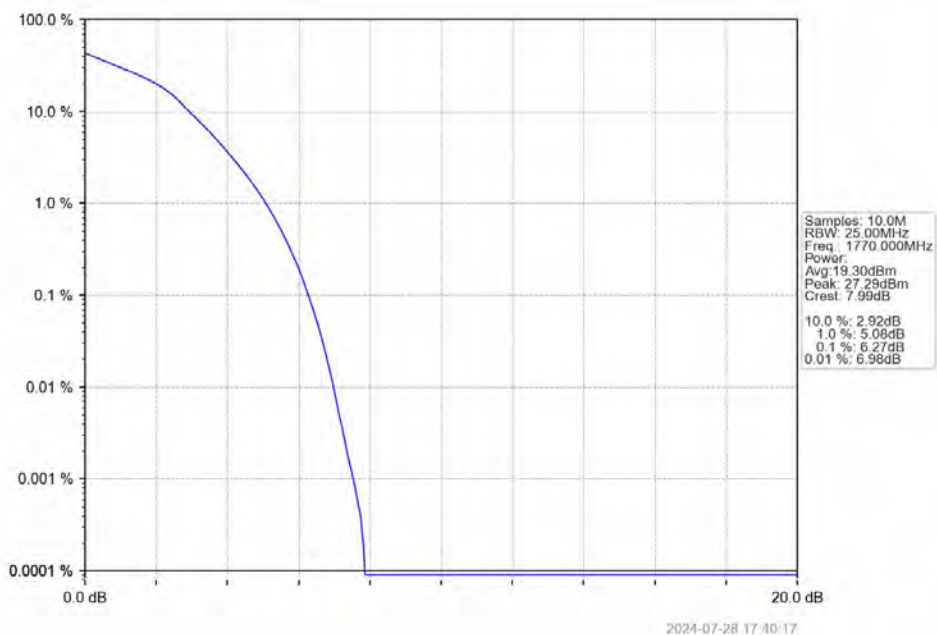
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1745	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	1777.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1775		1	0	Refer To Test Graph	
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1775		1	0	Refer To Test Graph	
		50	0	Refer To Test Graph		Pass

6.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

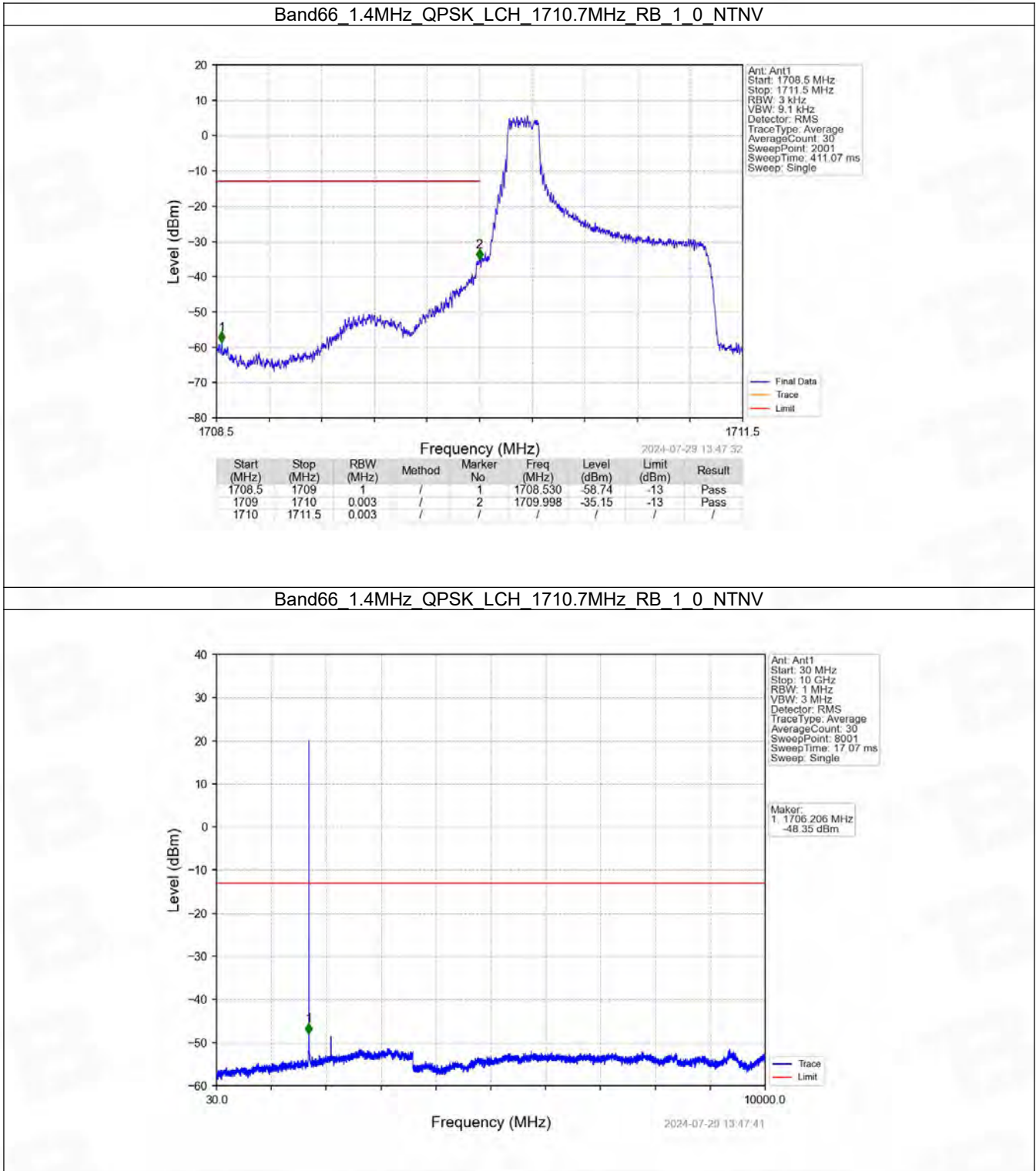
6.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

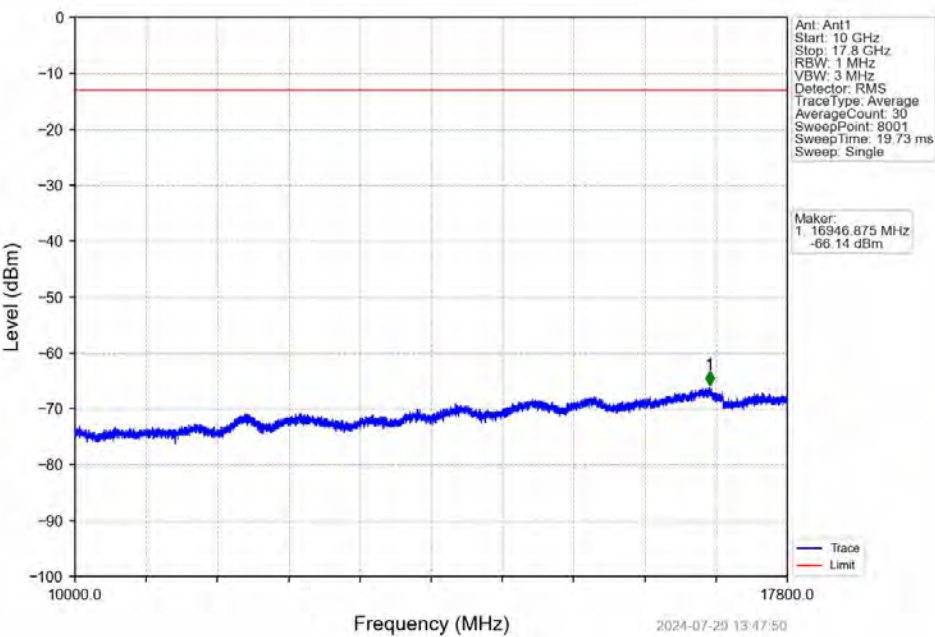
		100	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
	1770	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

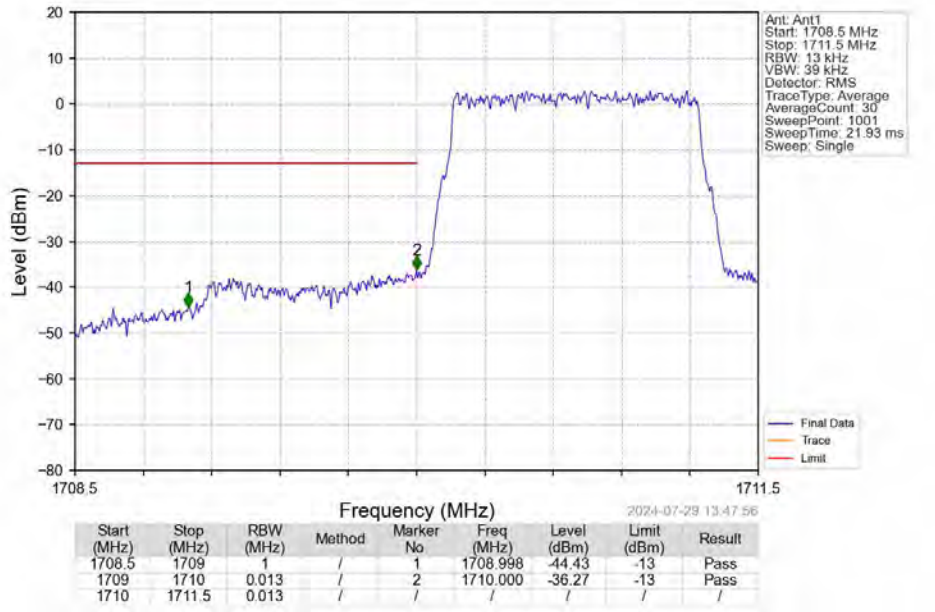
6.2.1 B66_1.4MHz



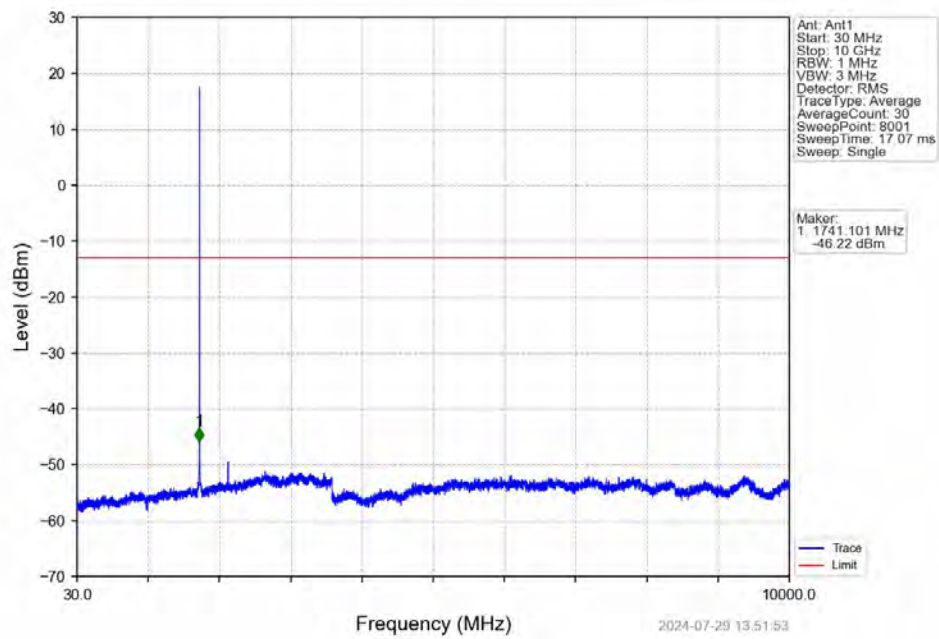
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



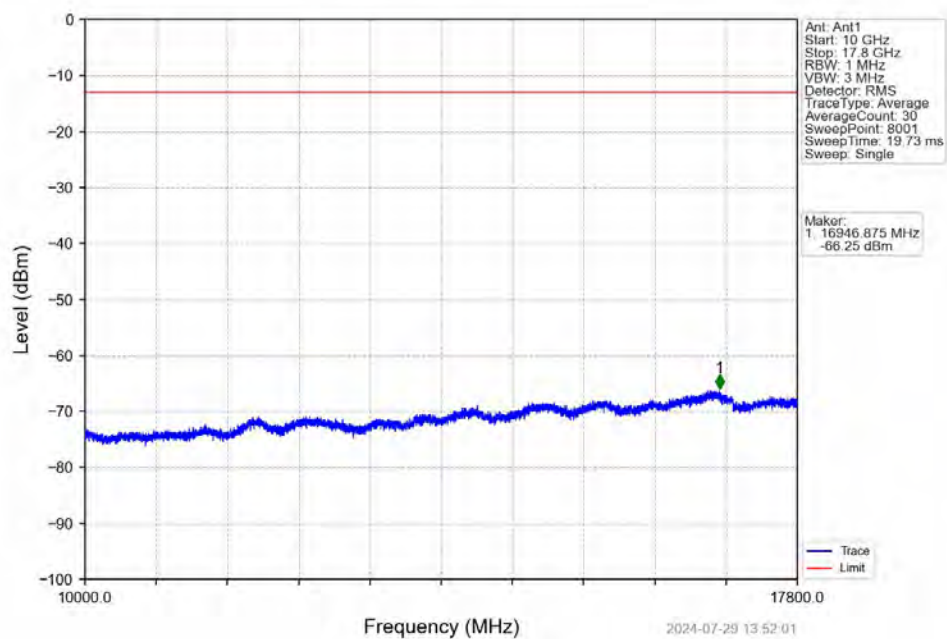
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



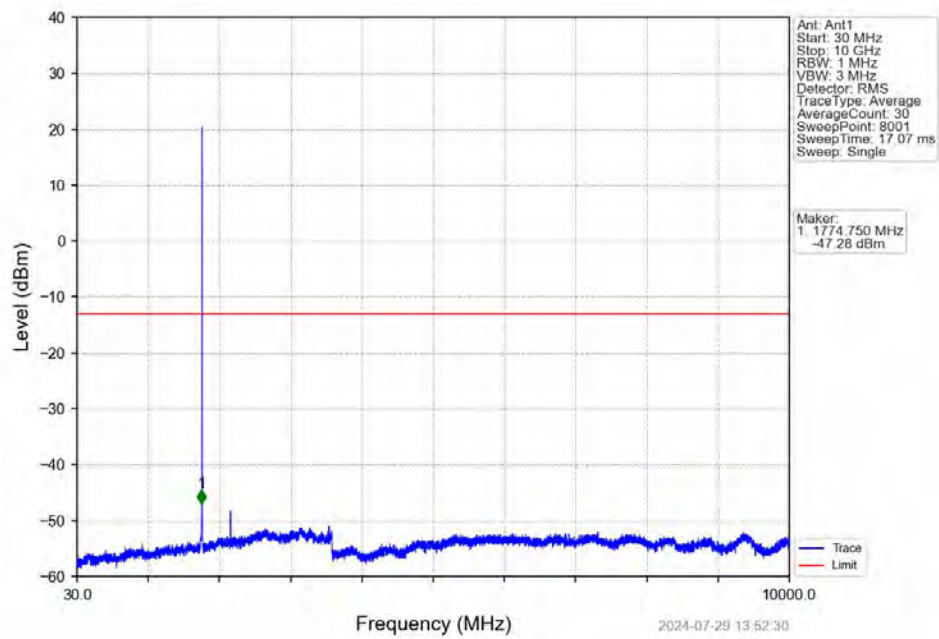
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



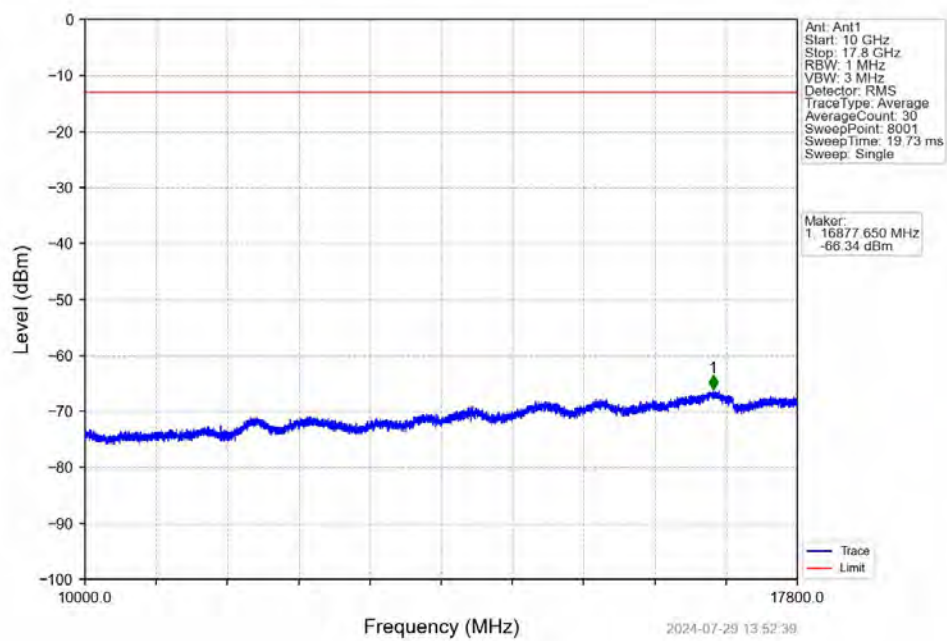
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



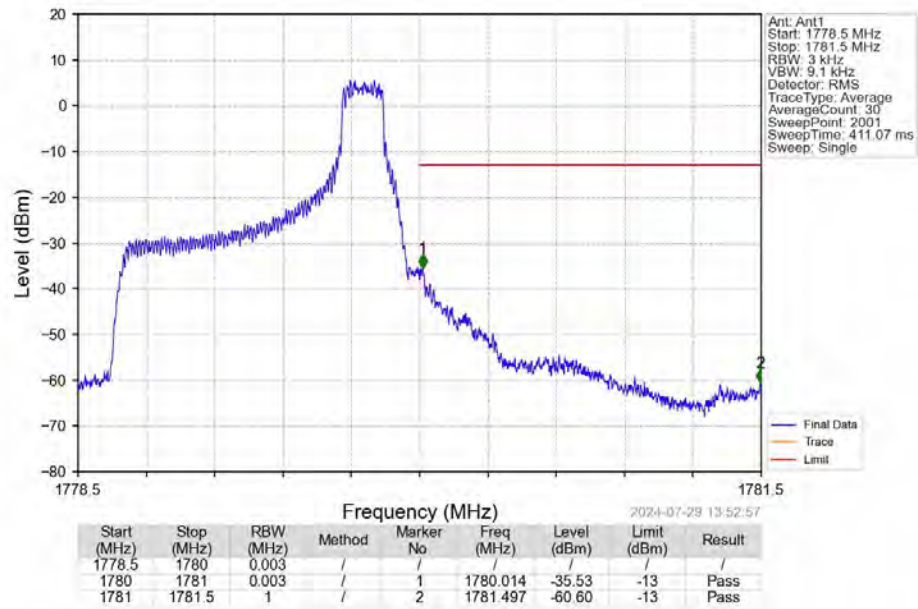
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



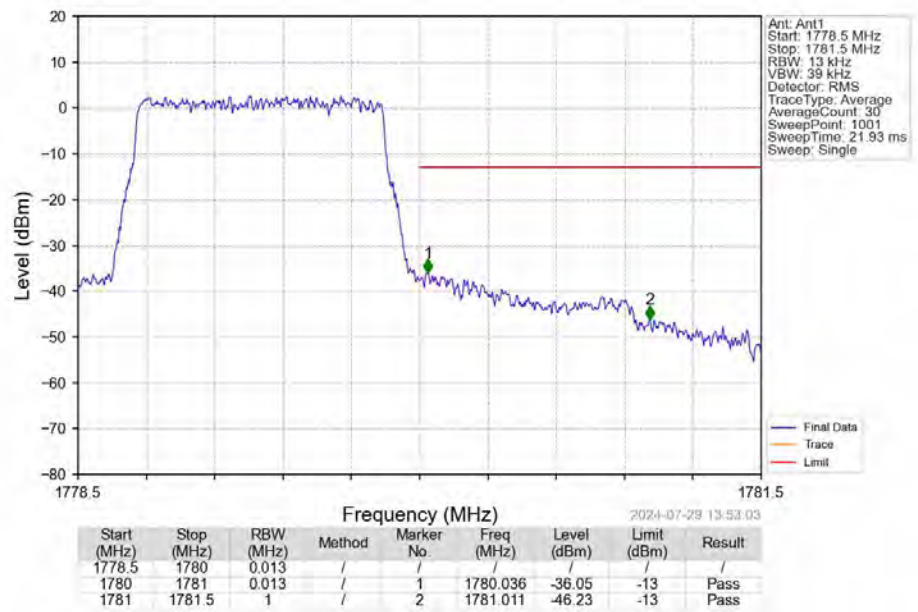
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



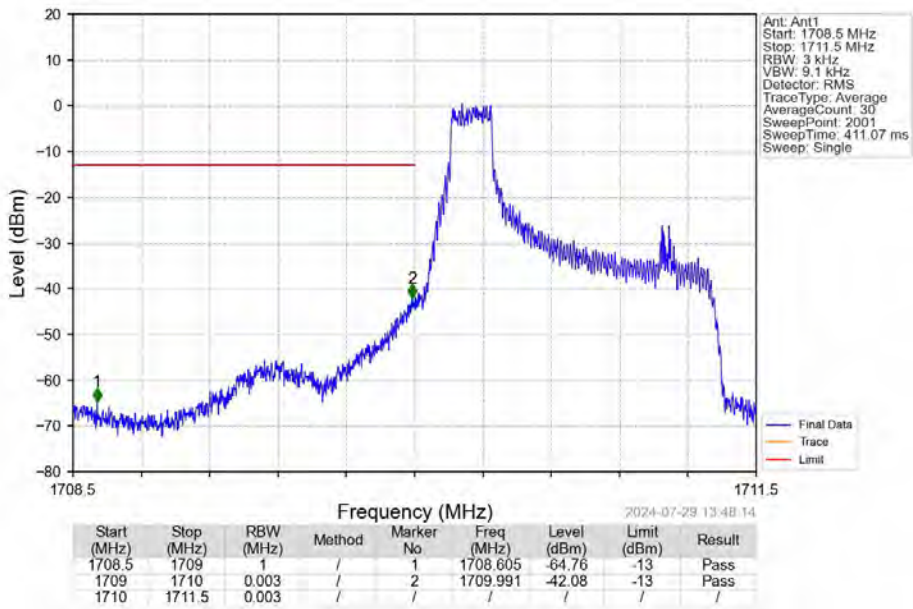
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



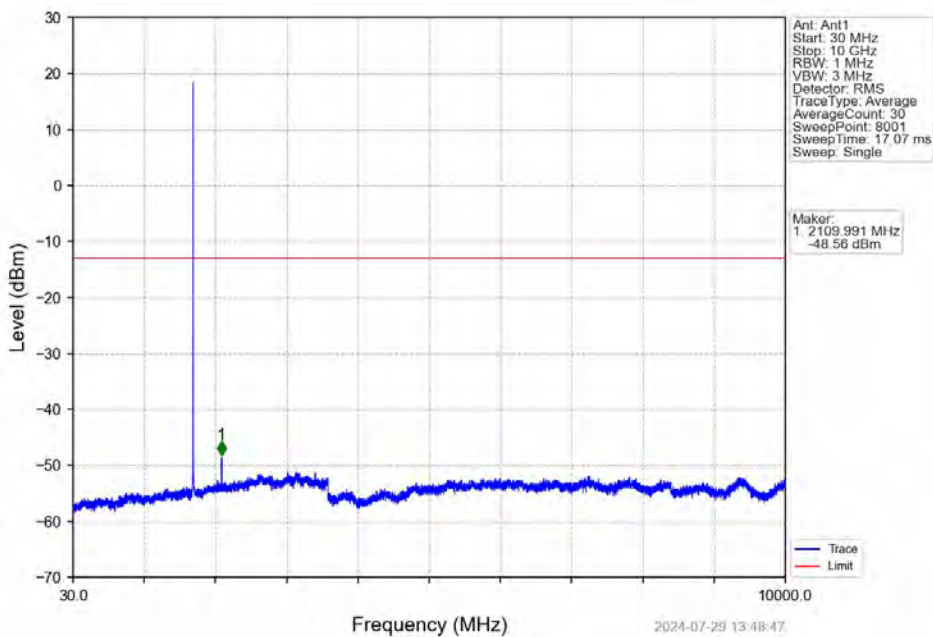
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



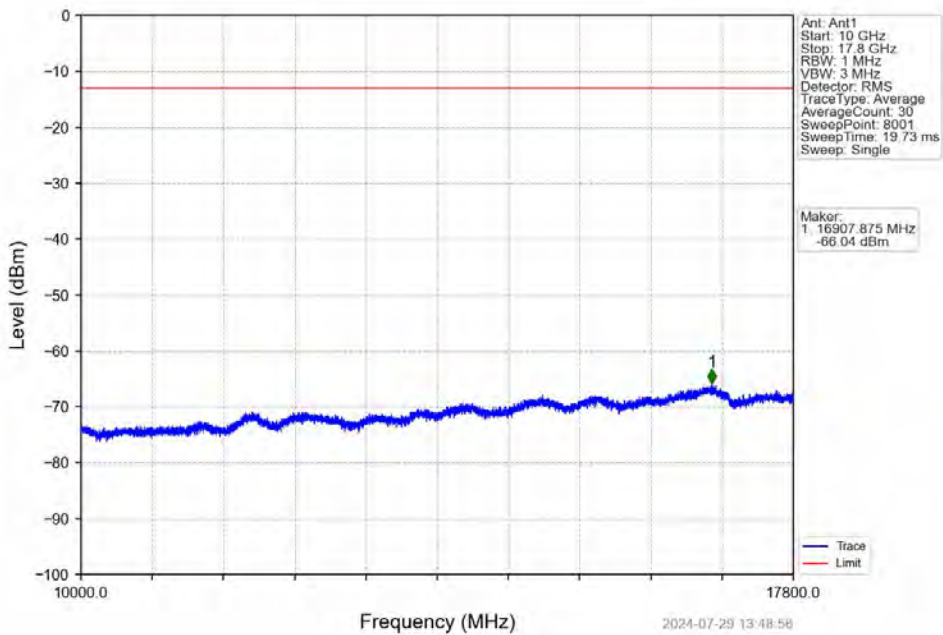
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



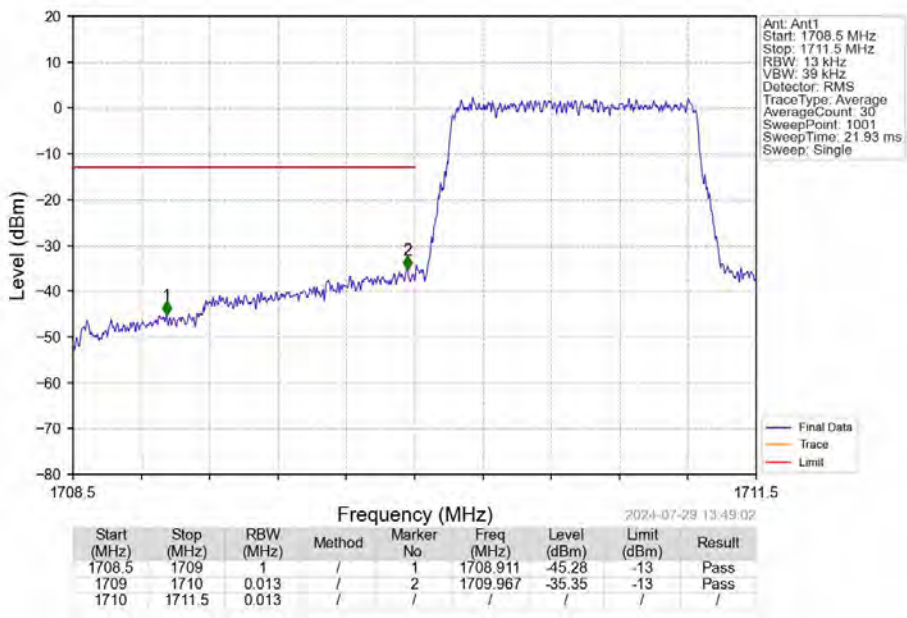
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



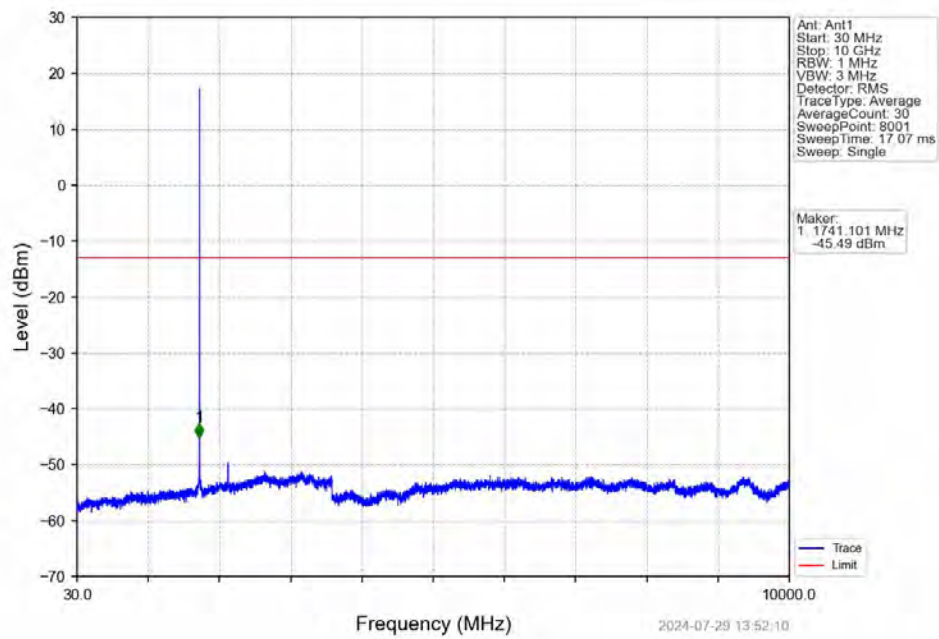
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



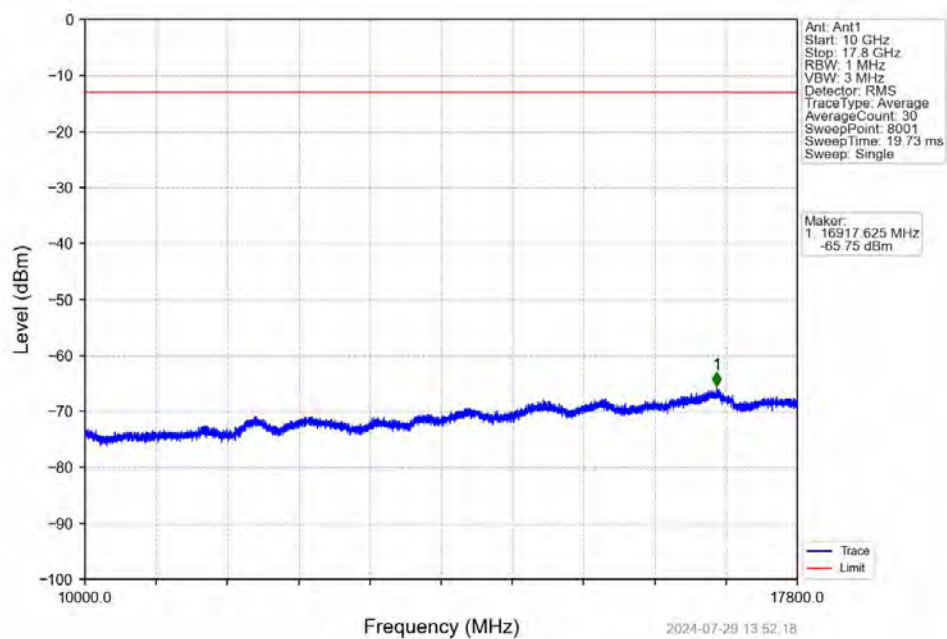
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



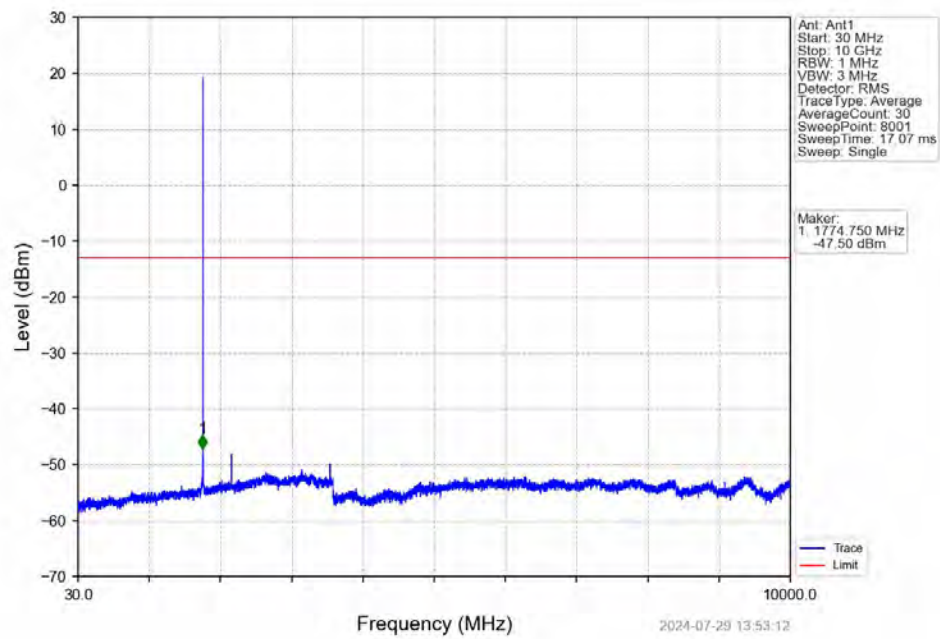
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



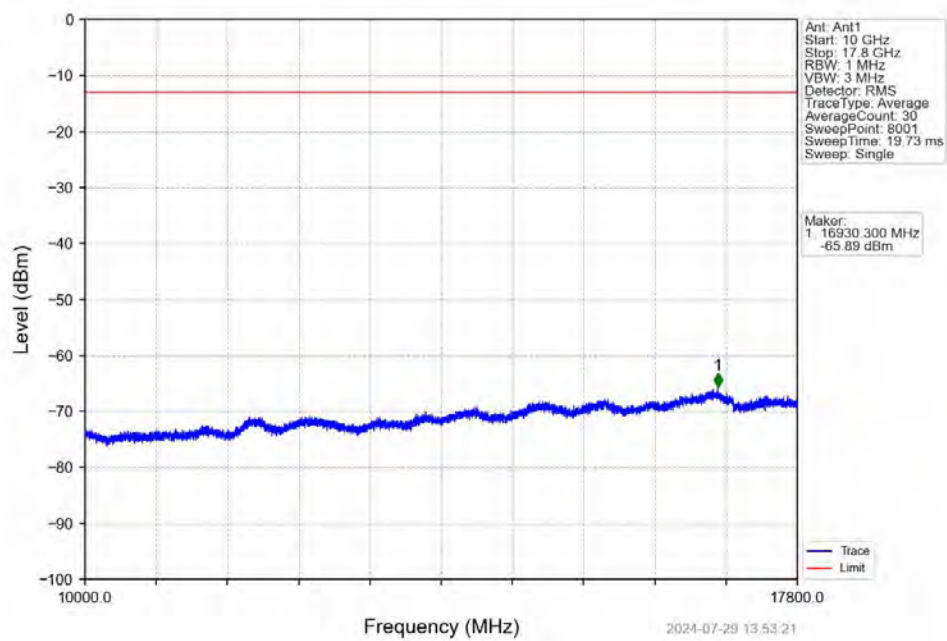
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



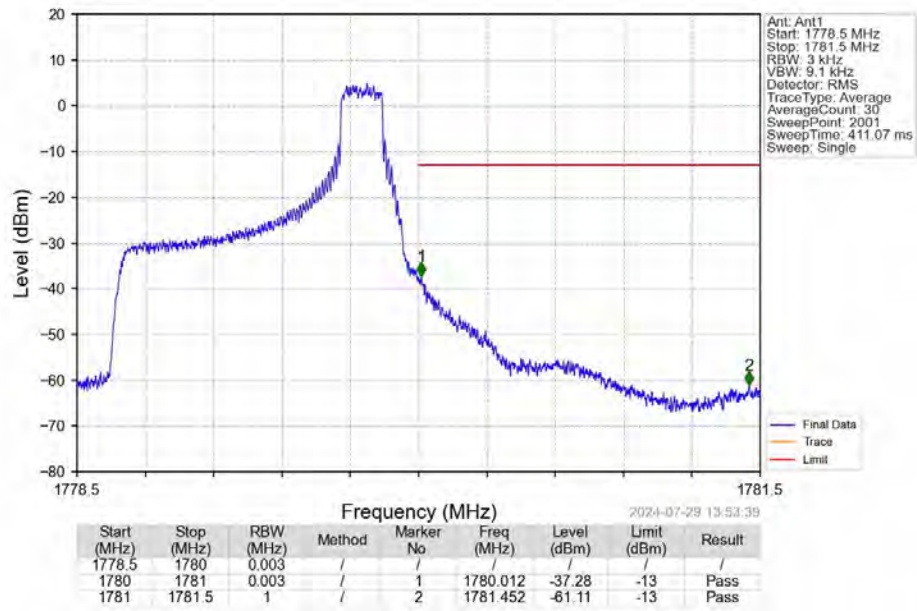
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



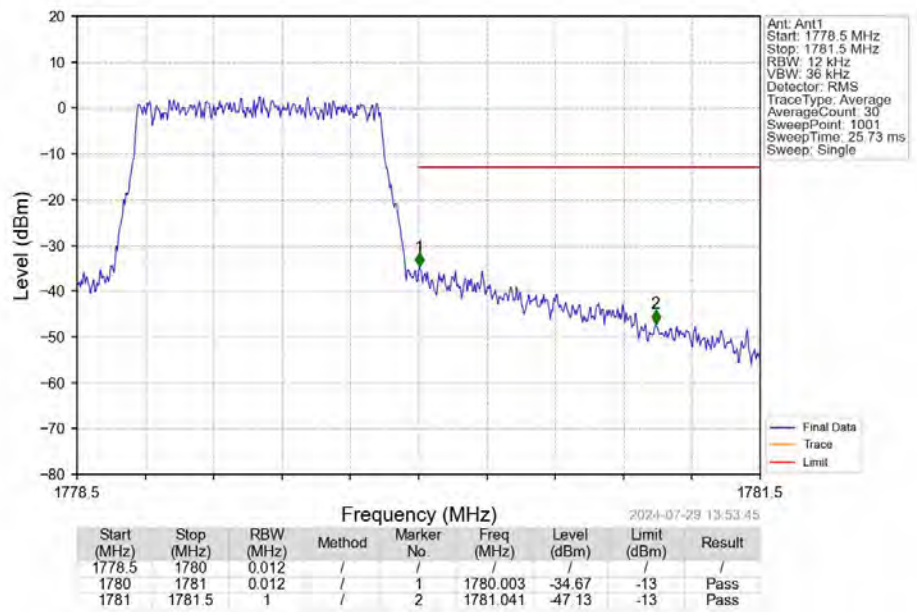
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



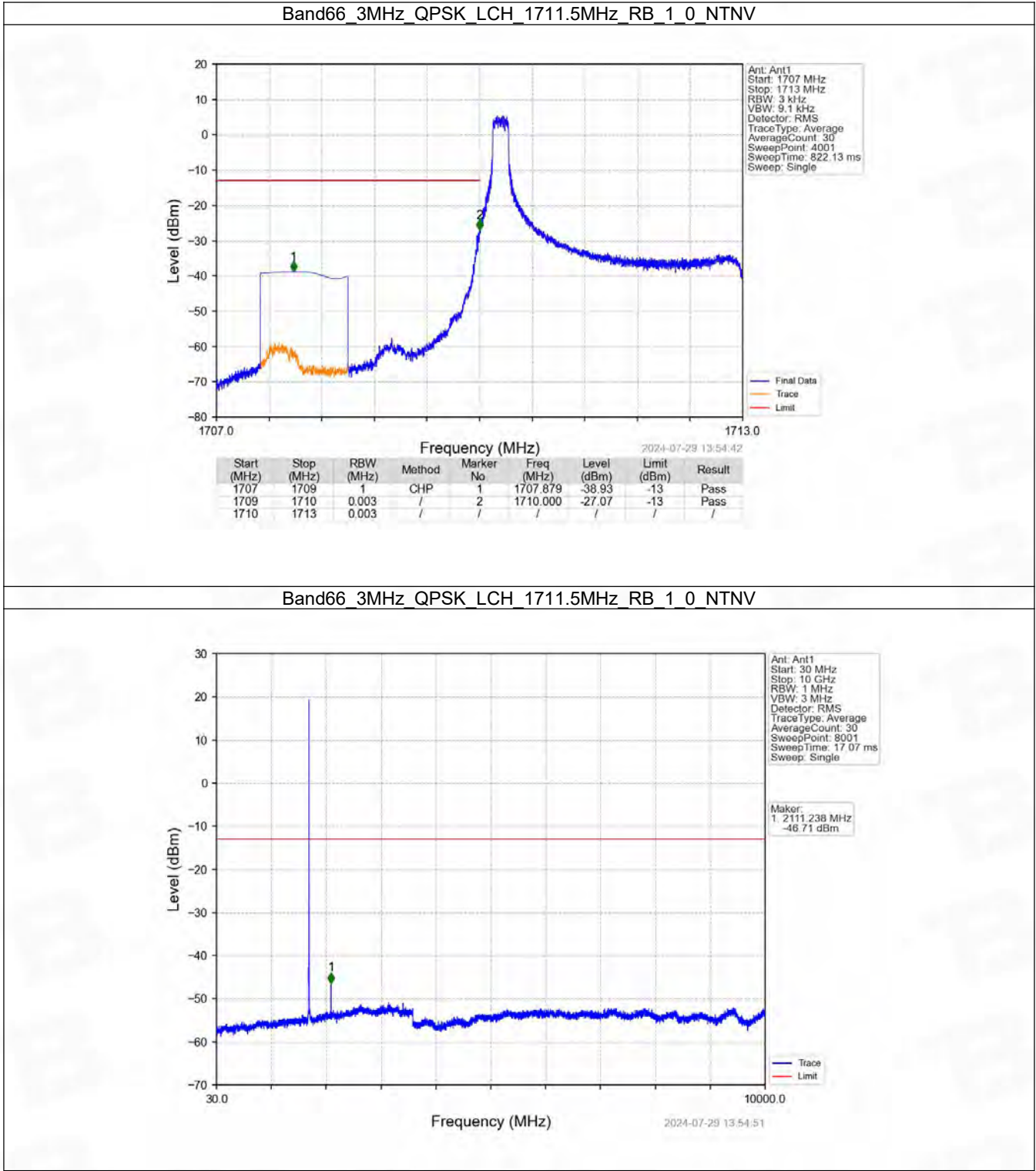
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



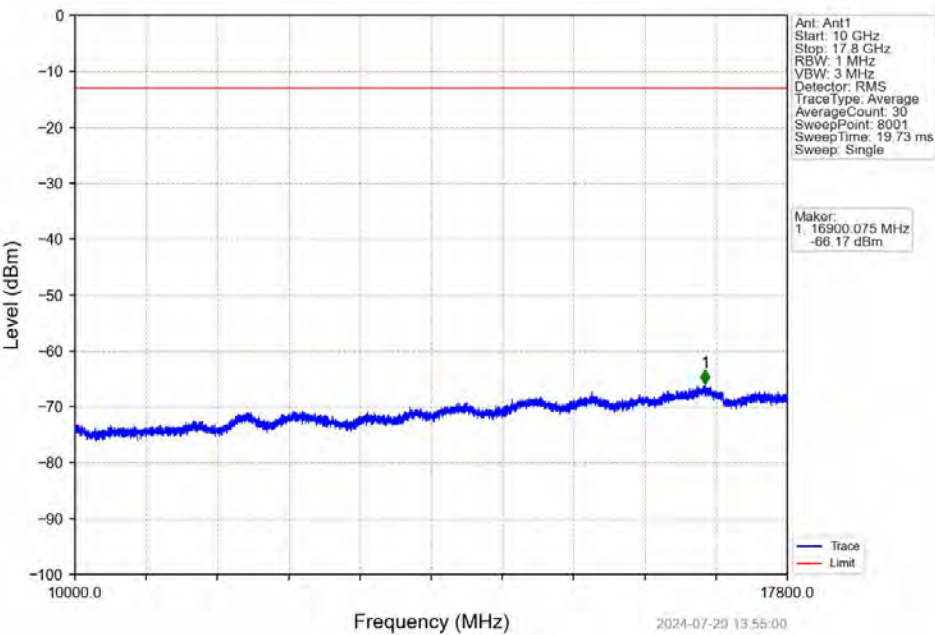
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



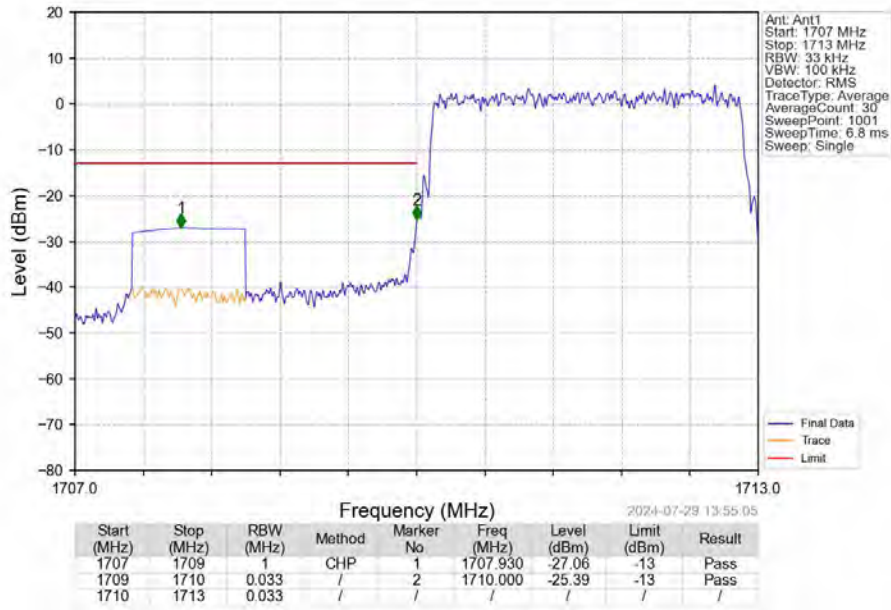
6.2.2 B66_3MHz



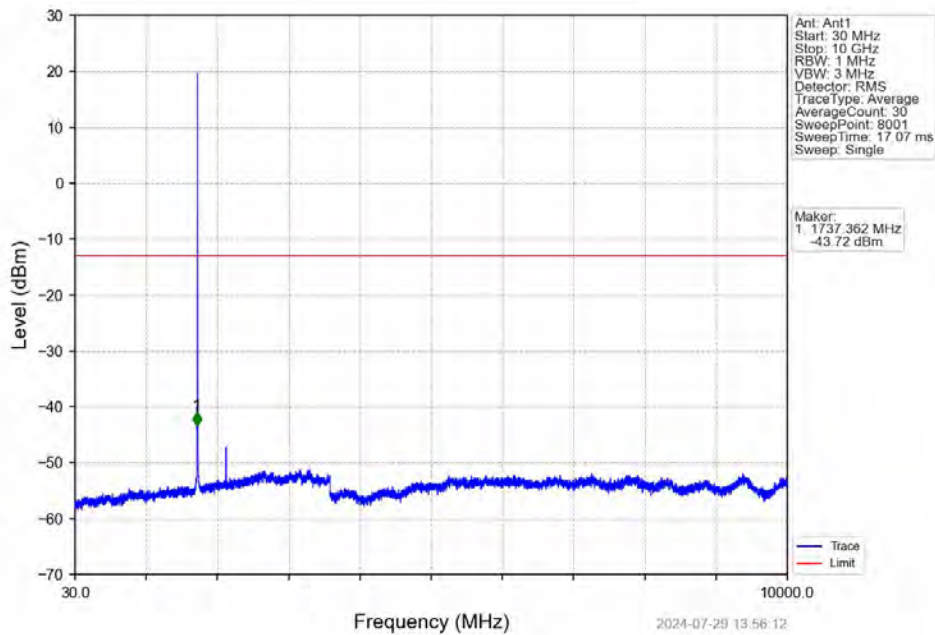
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



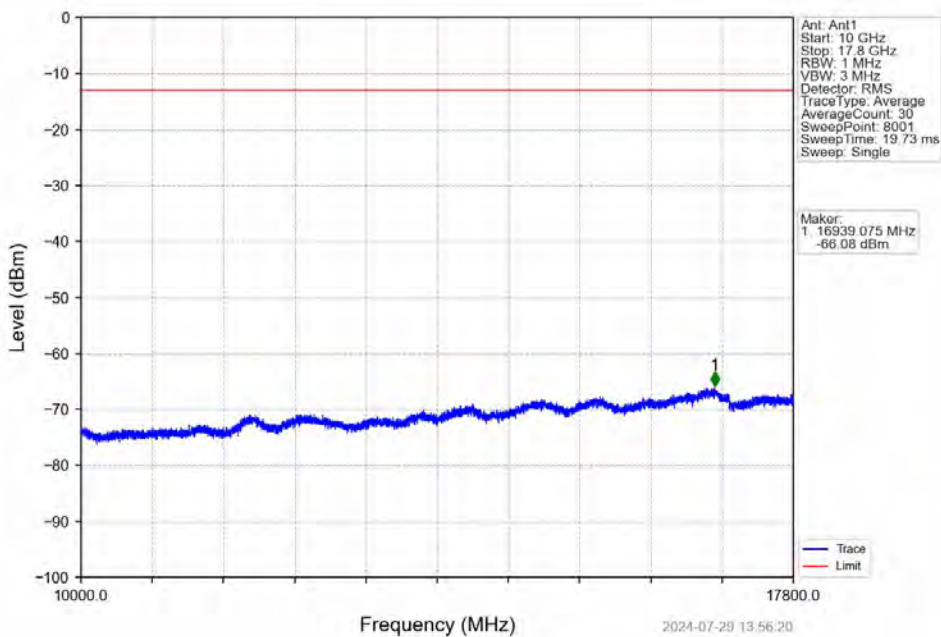
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



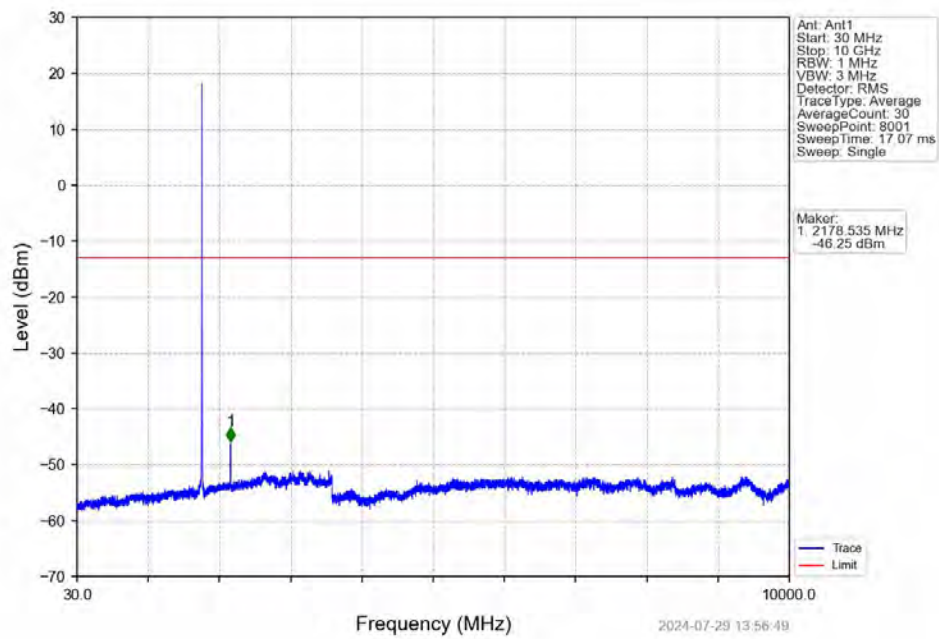
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



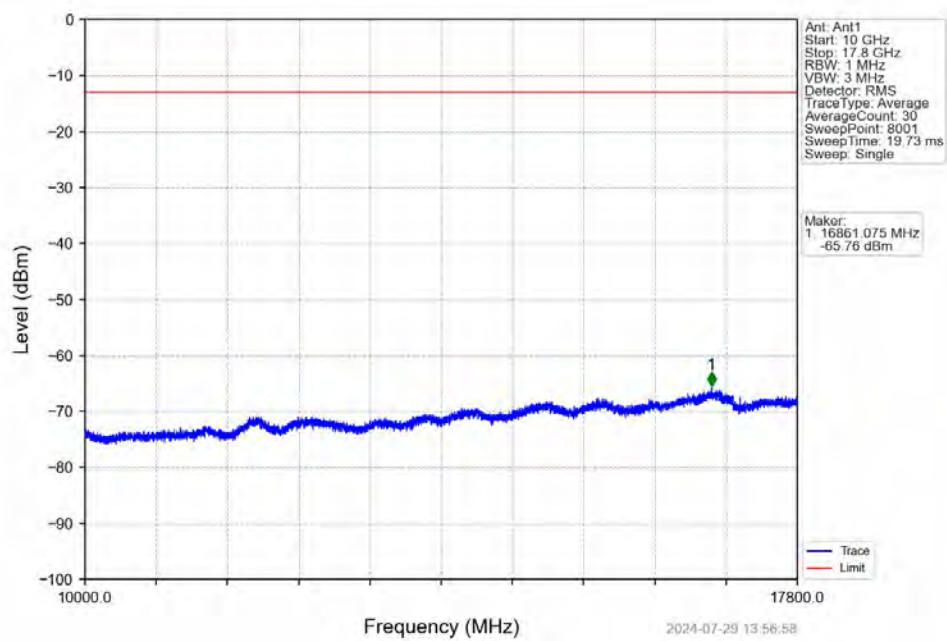
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



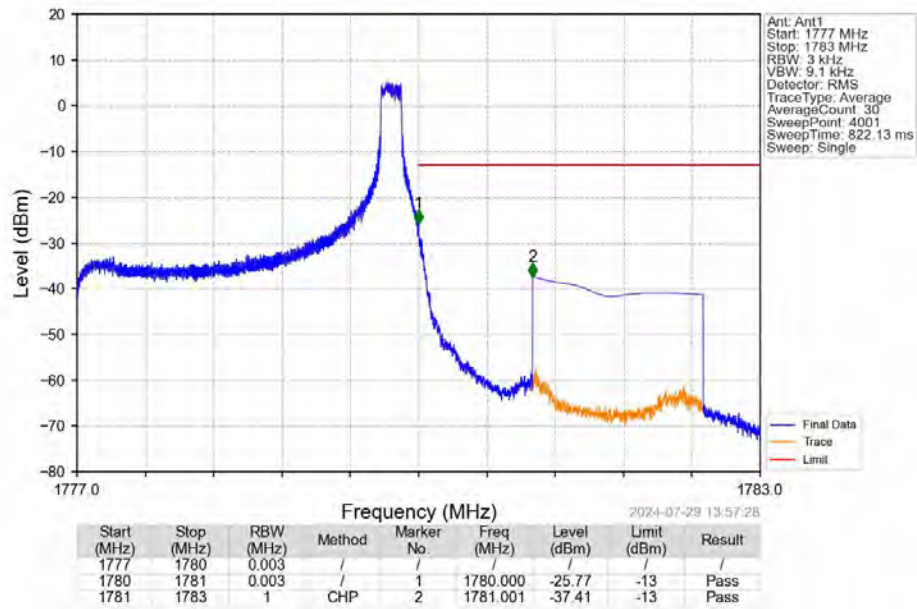
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



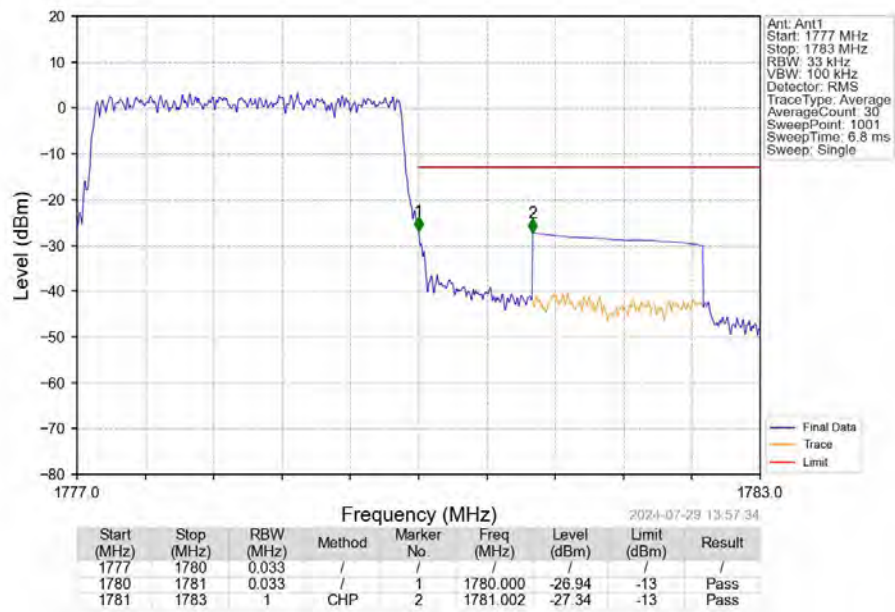
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



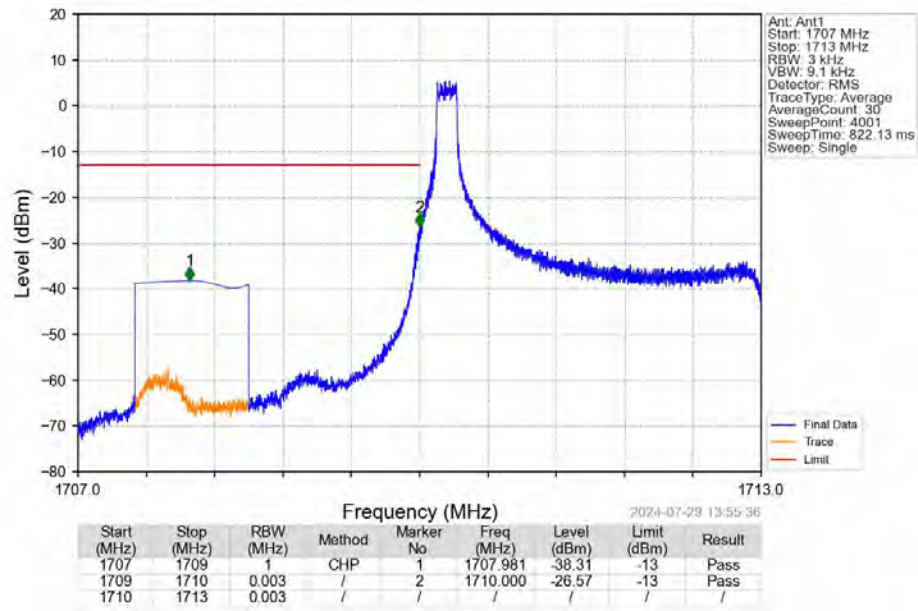
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



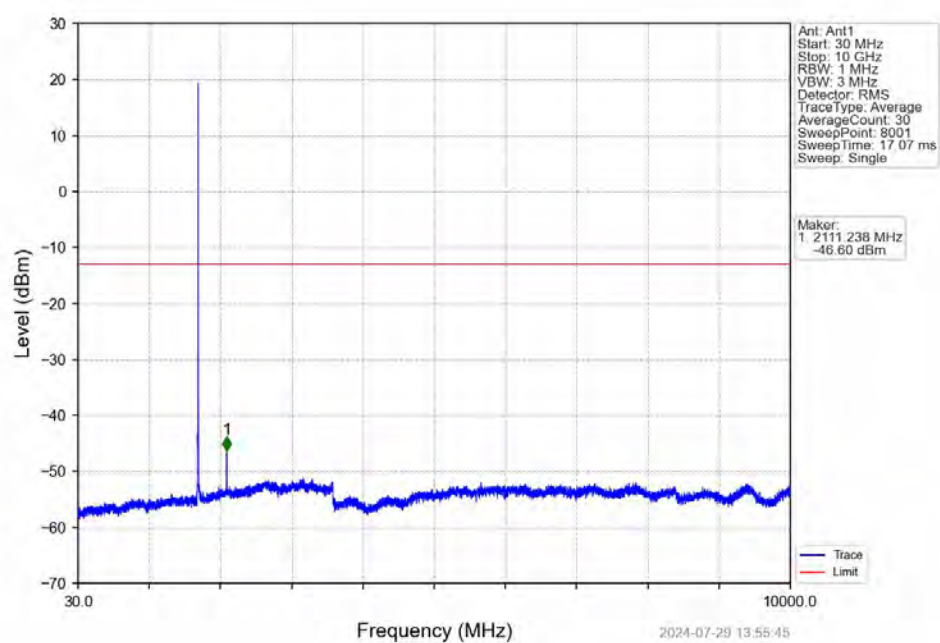
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



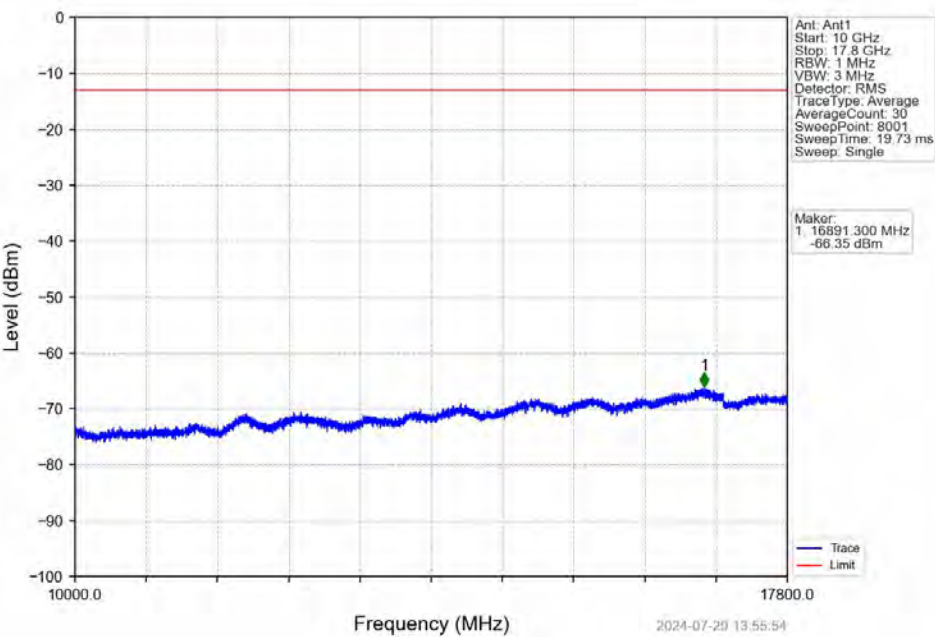
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



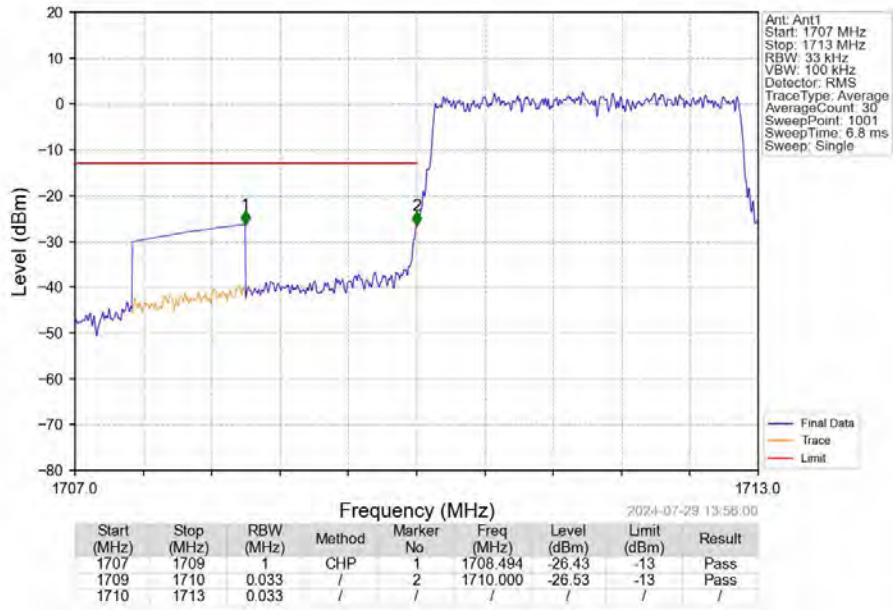
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



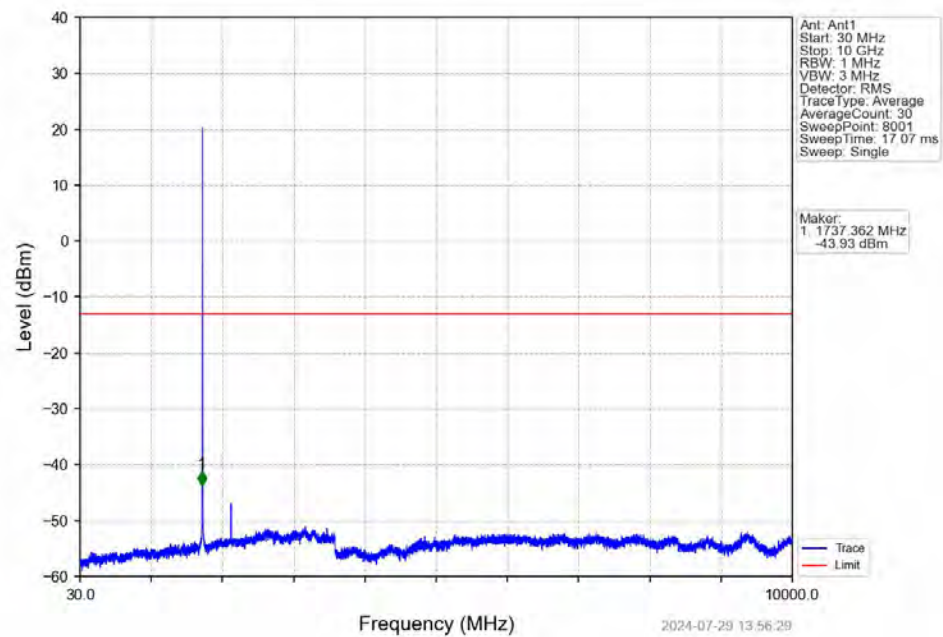
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



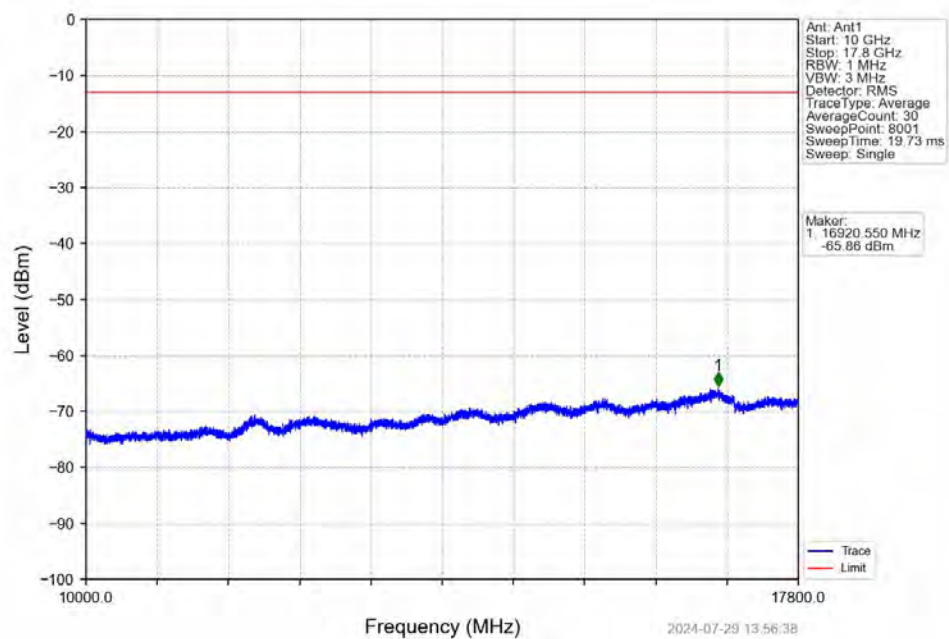
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



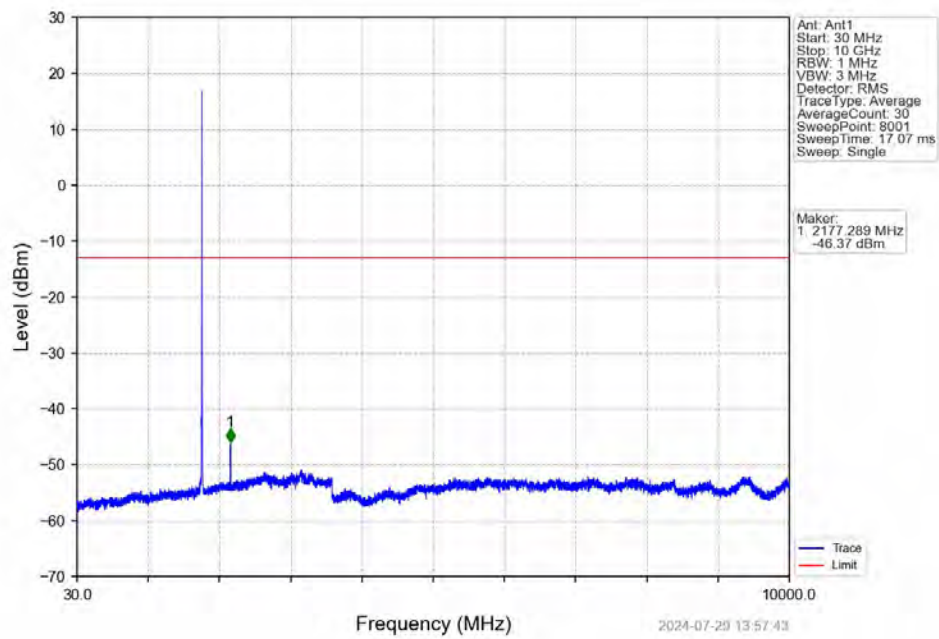
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



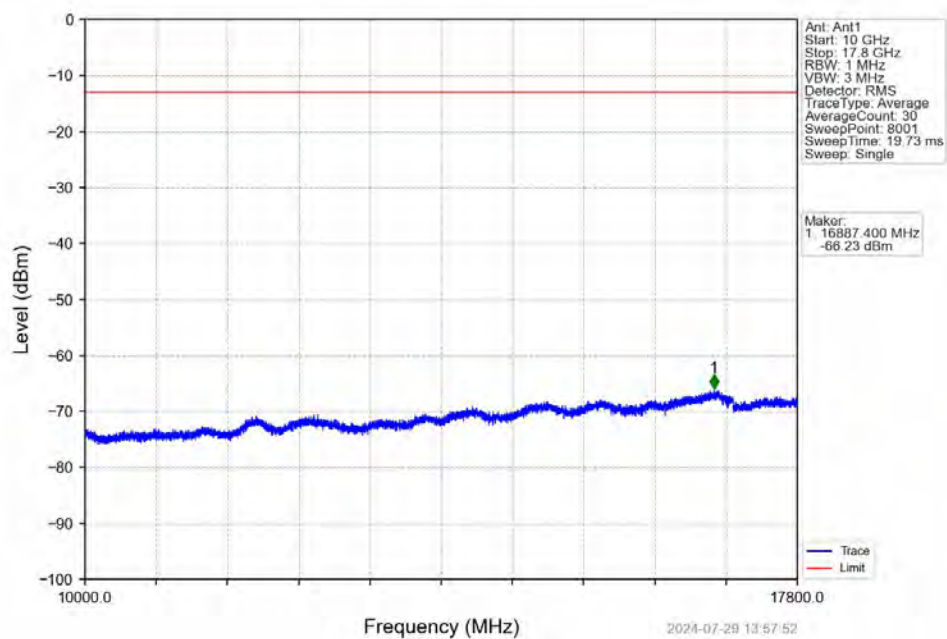
Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



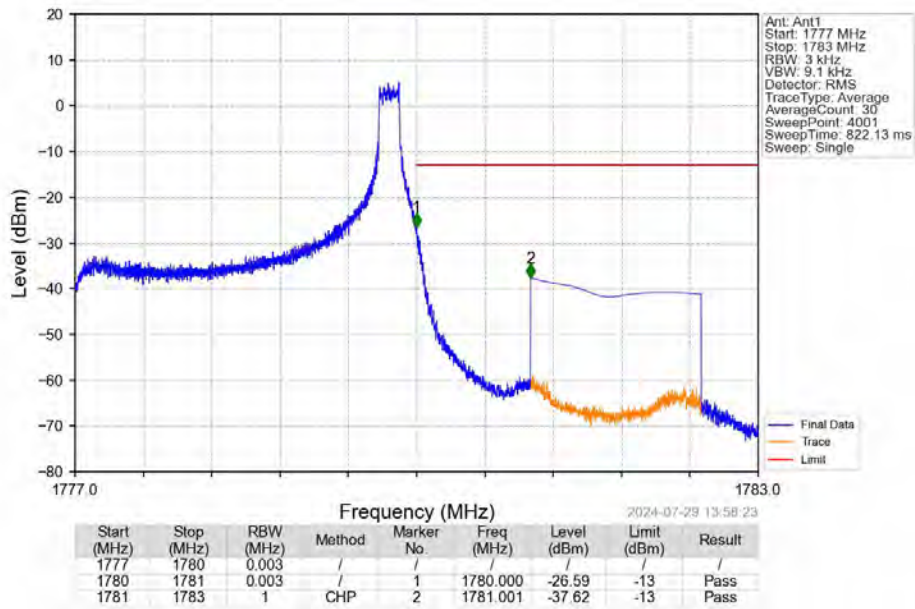
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



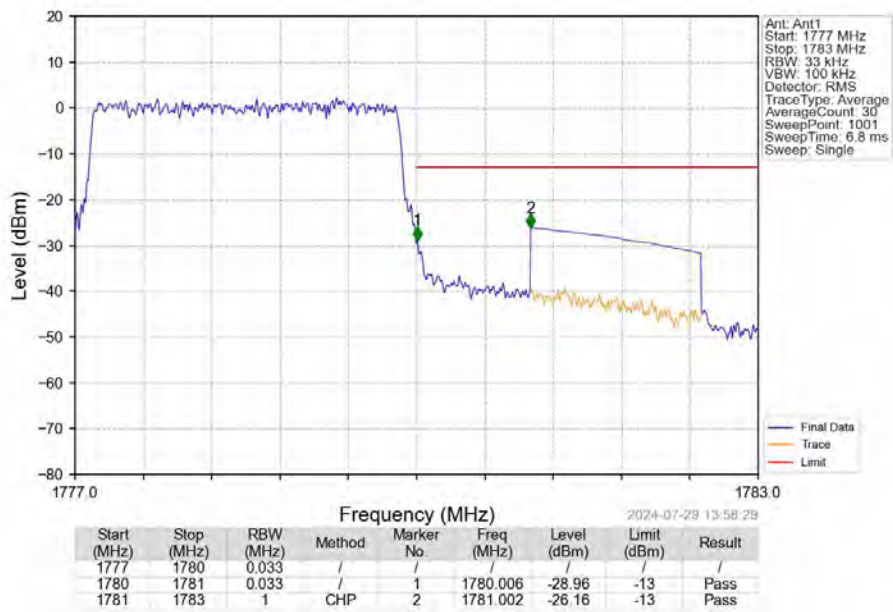
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



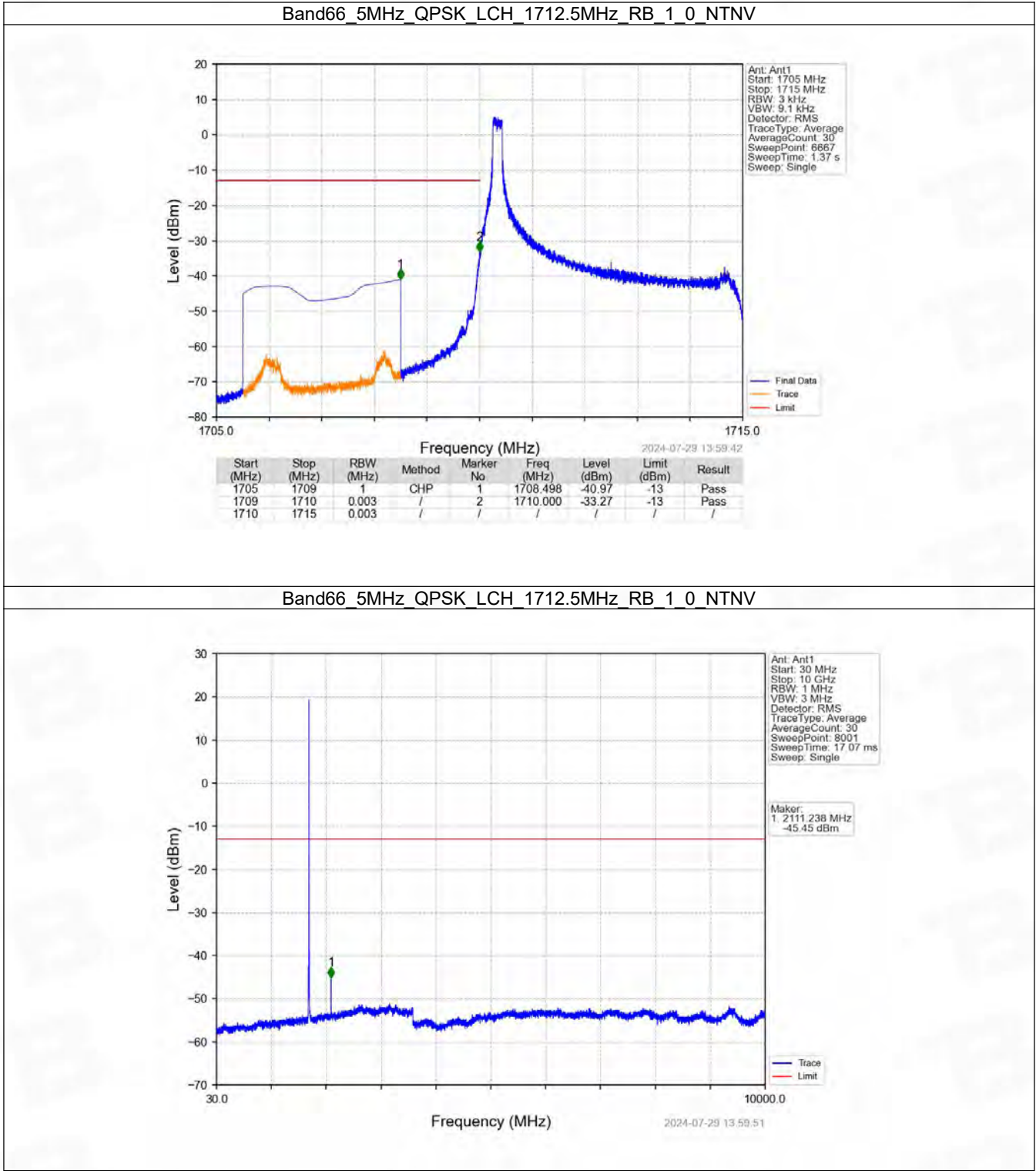
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_14_NTNV



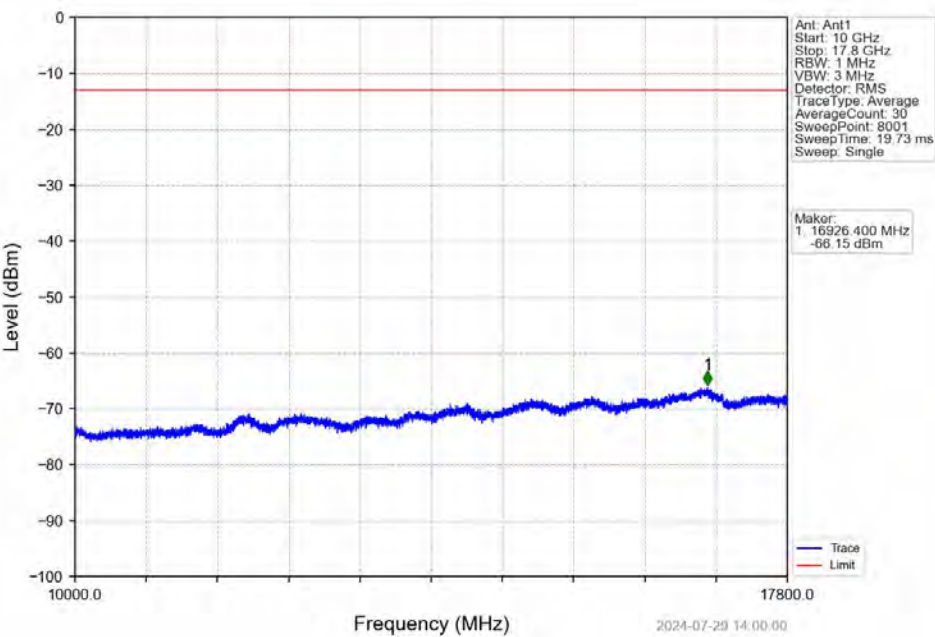
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



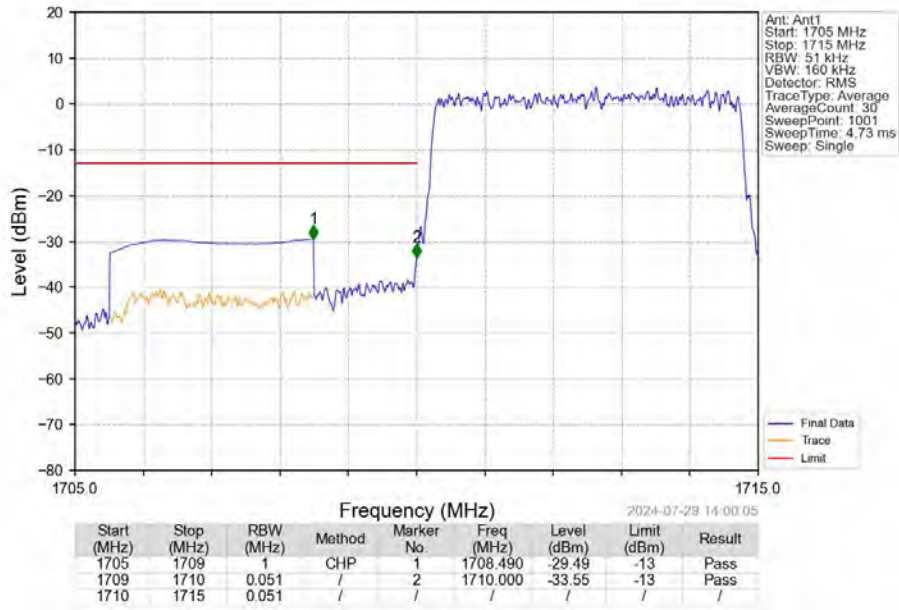
6.2.3 B66_5MHz



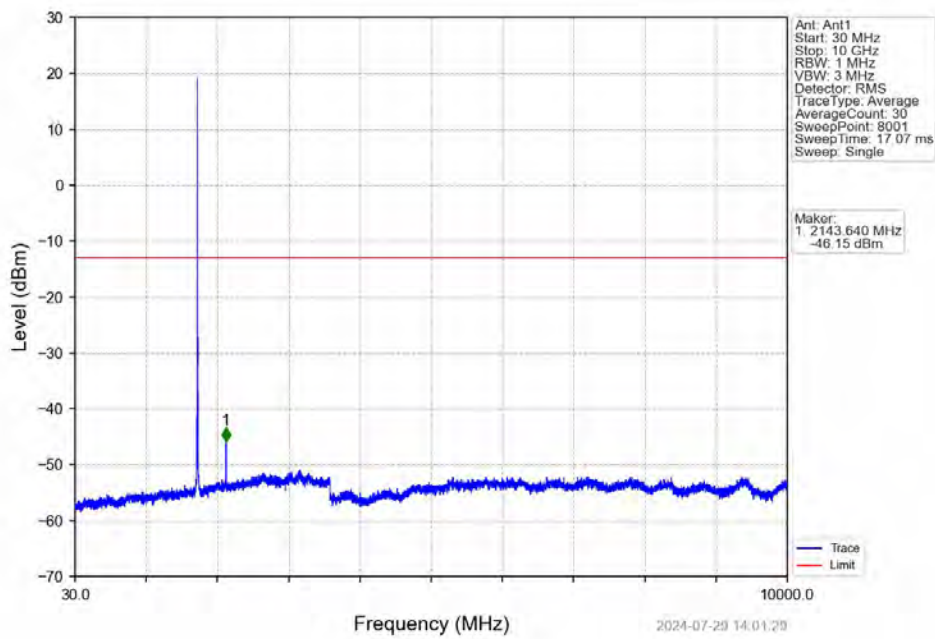
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



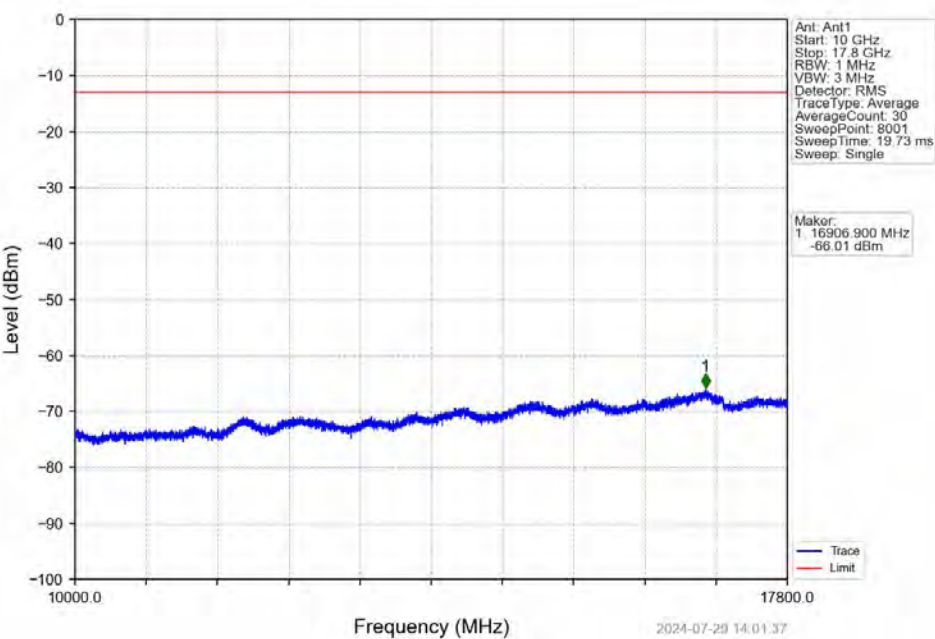
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



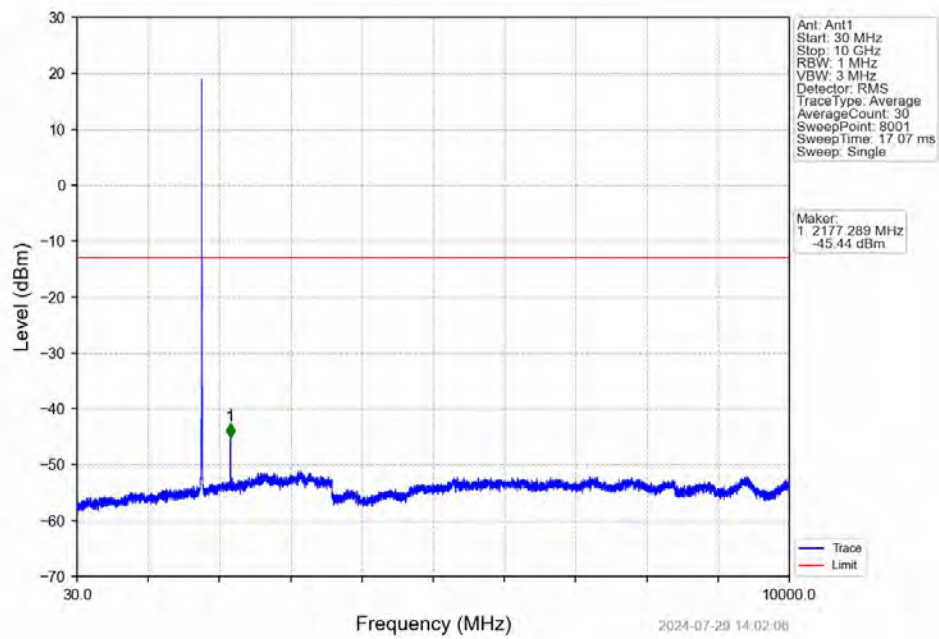
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



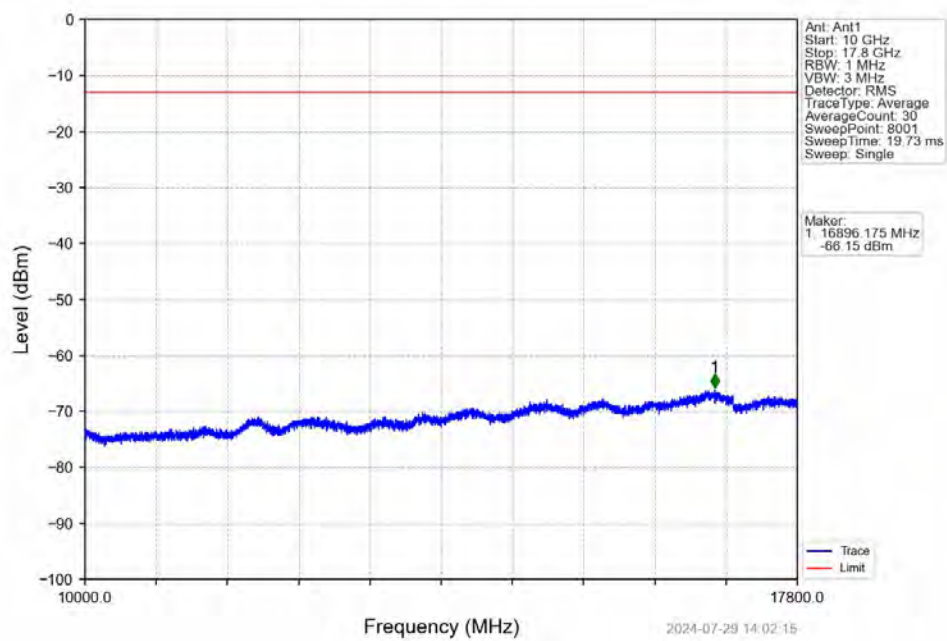
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



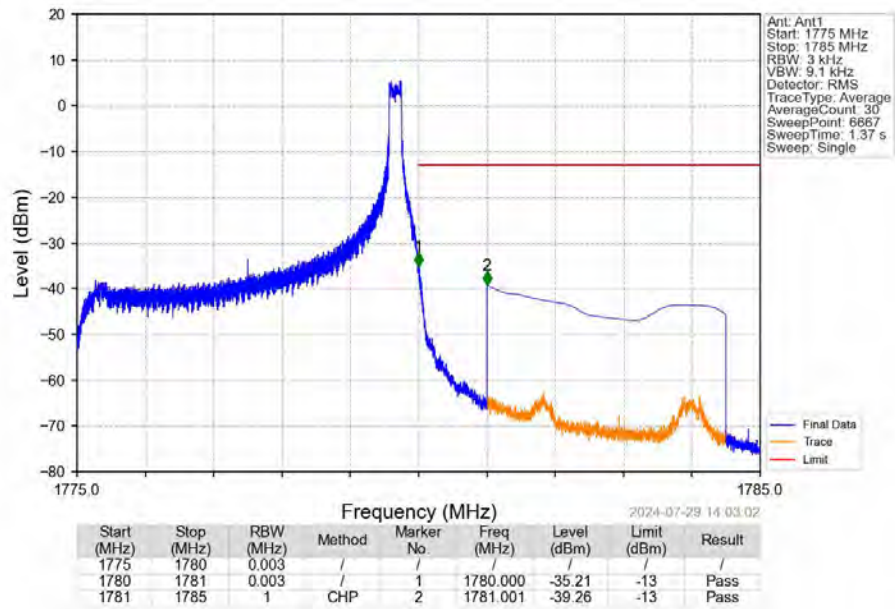
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



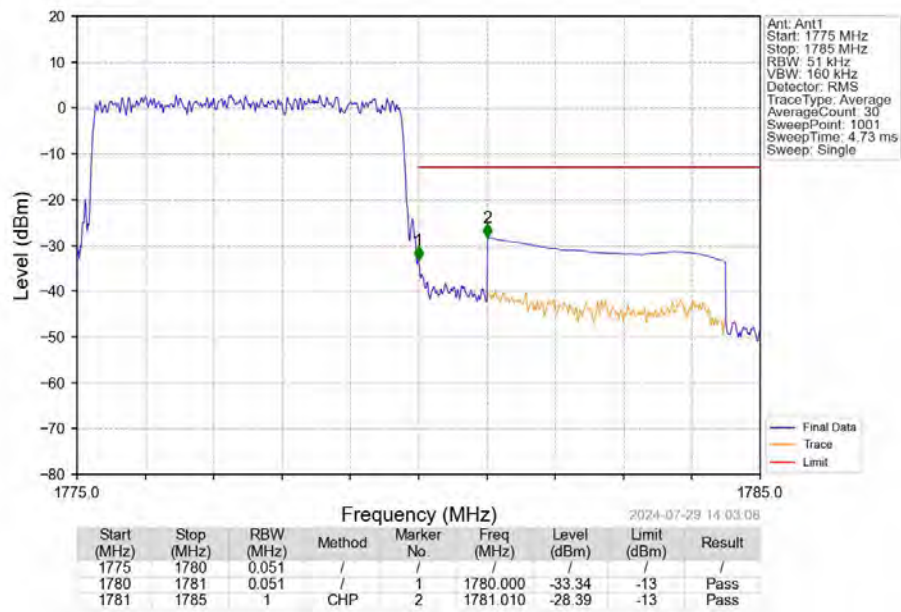
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



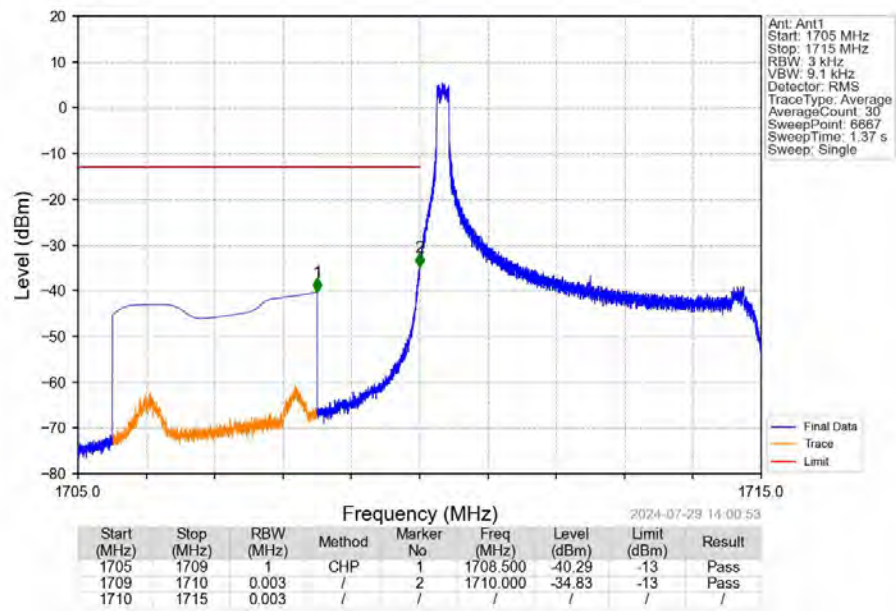
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



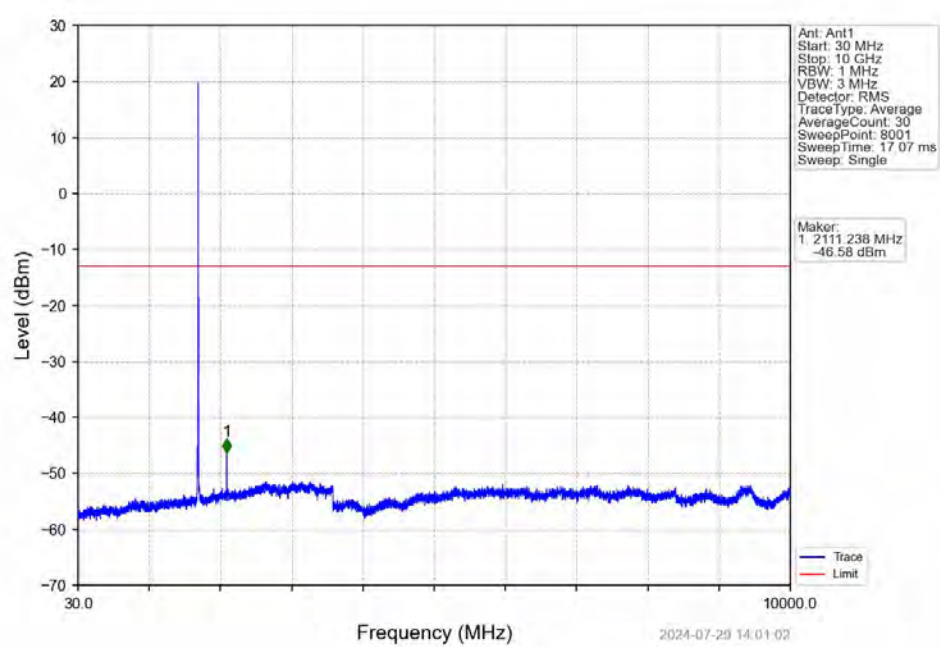
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



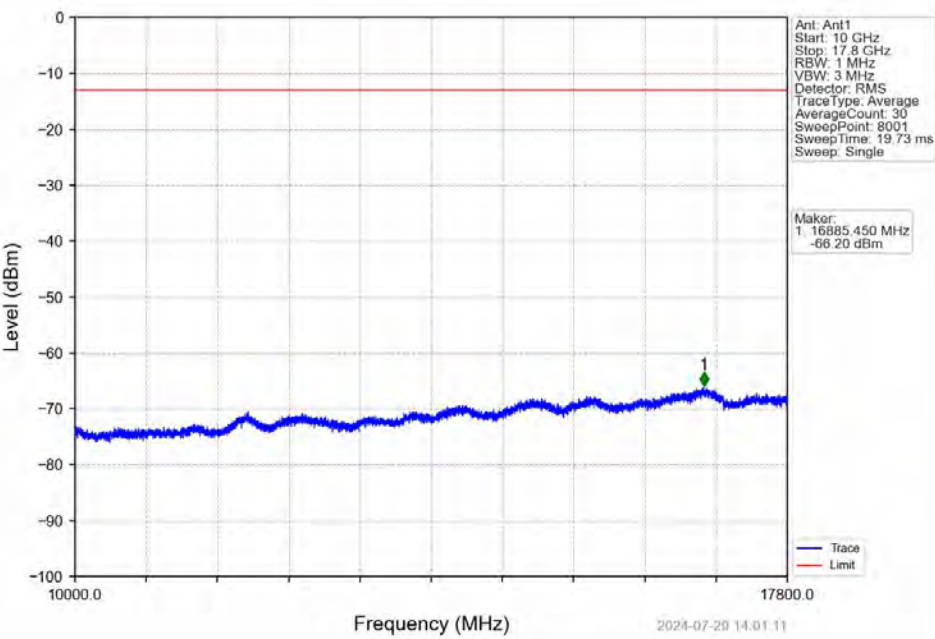
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



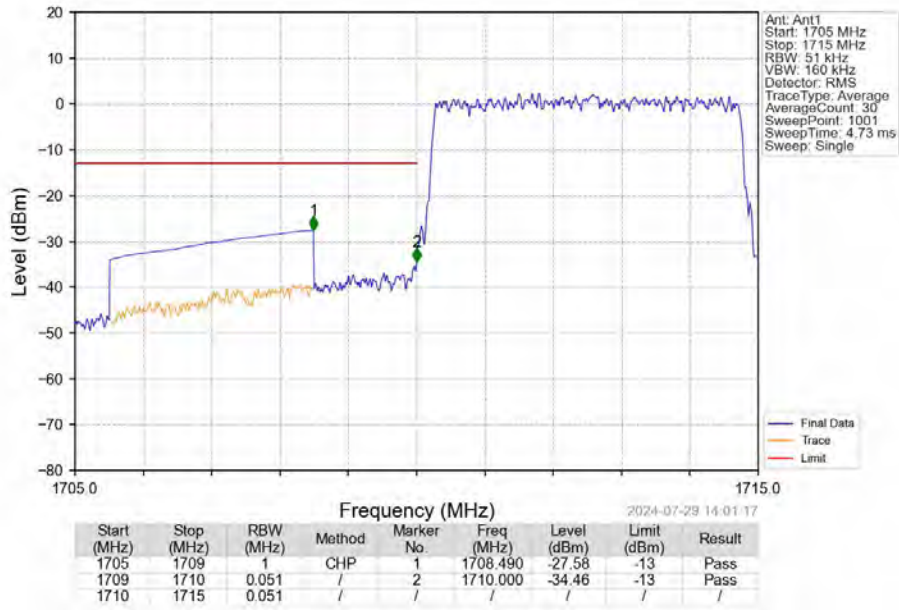
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



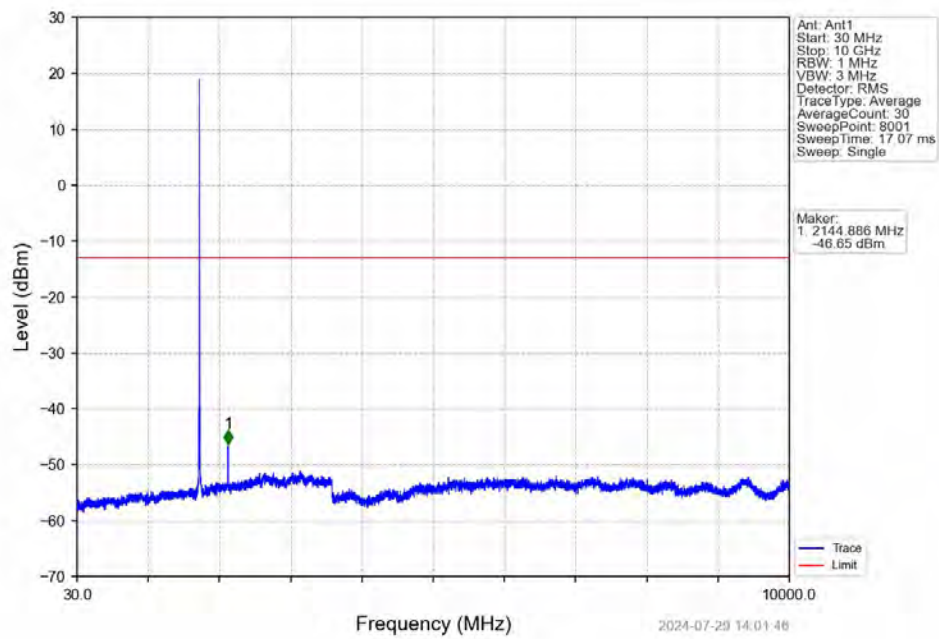
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



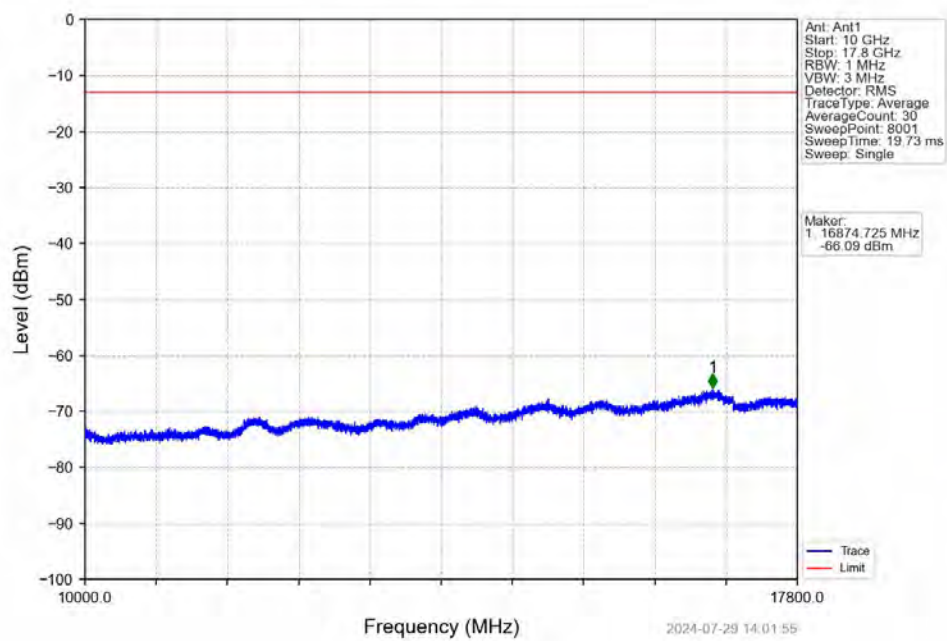
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



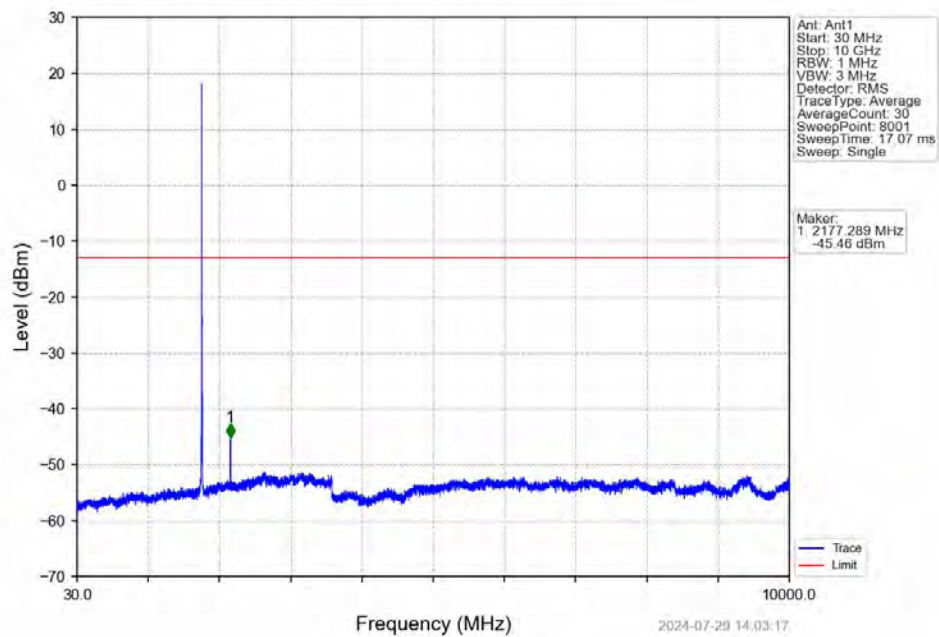
Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



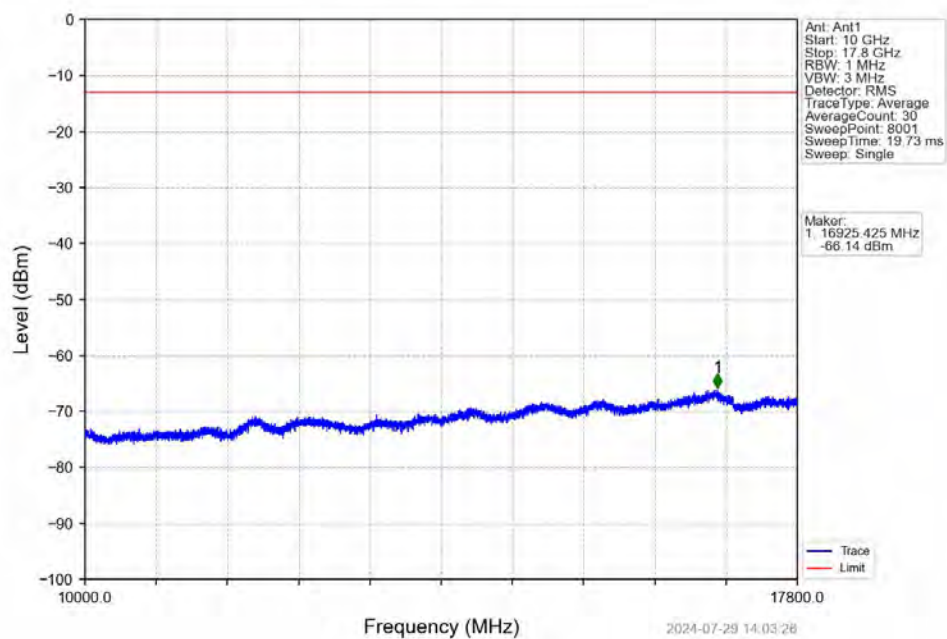
Band66_5MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



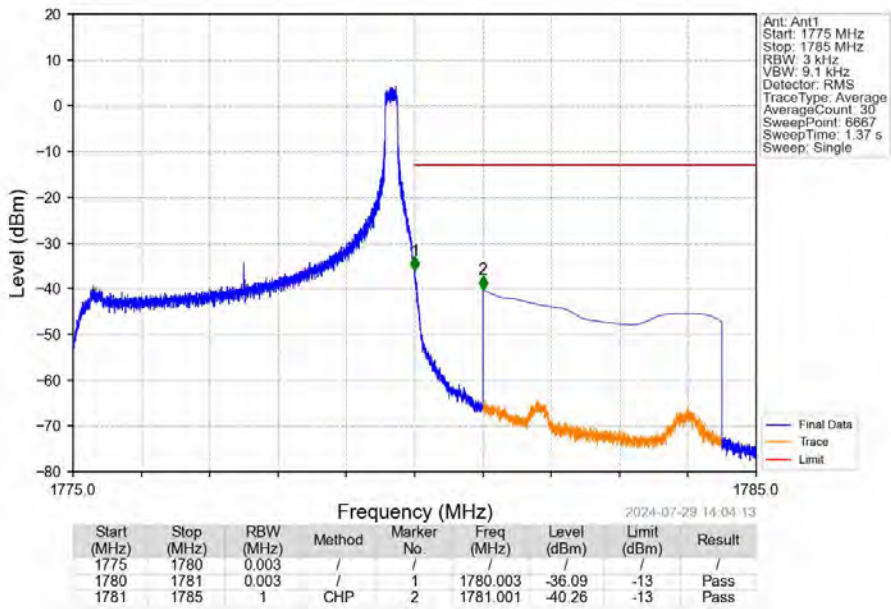
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV



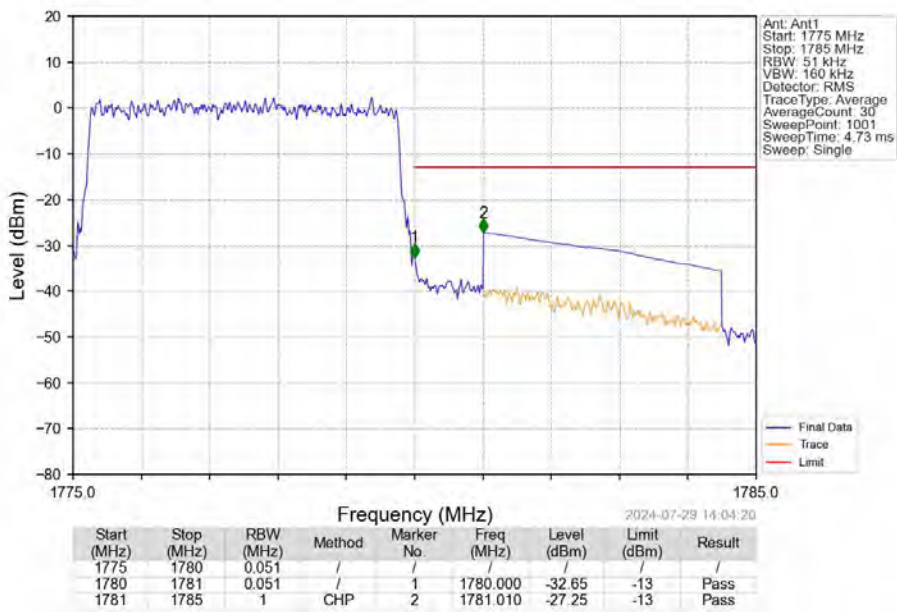
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_0_NTNV



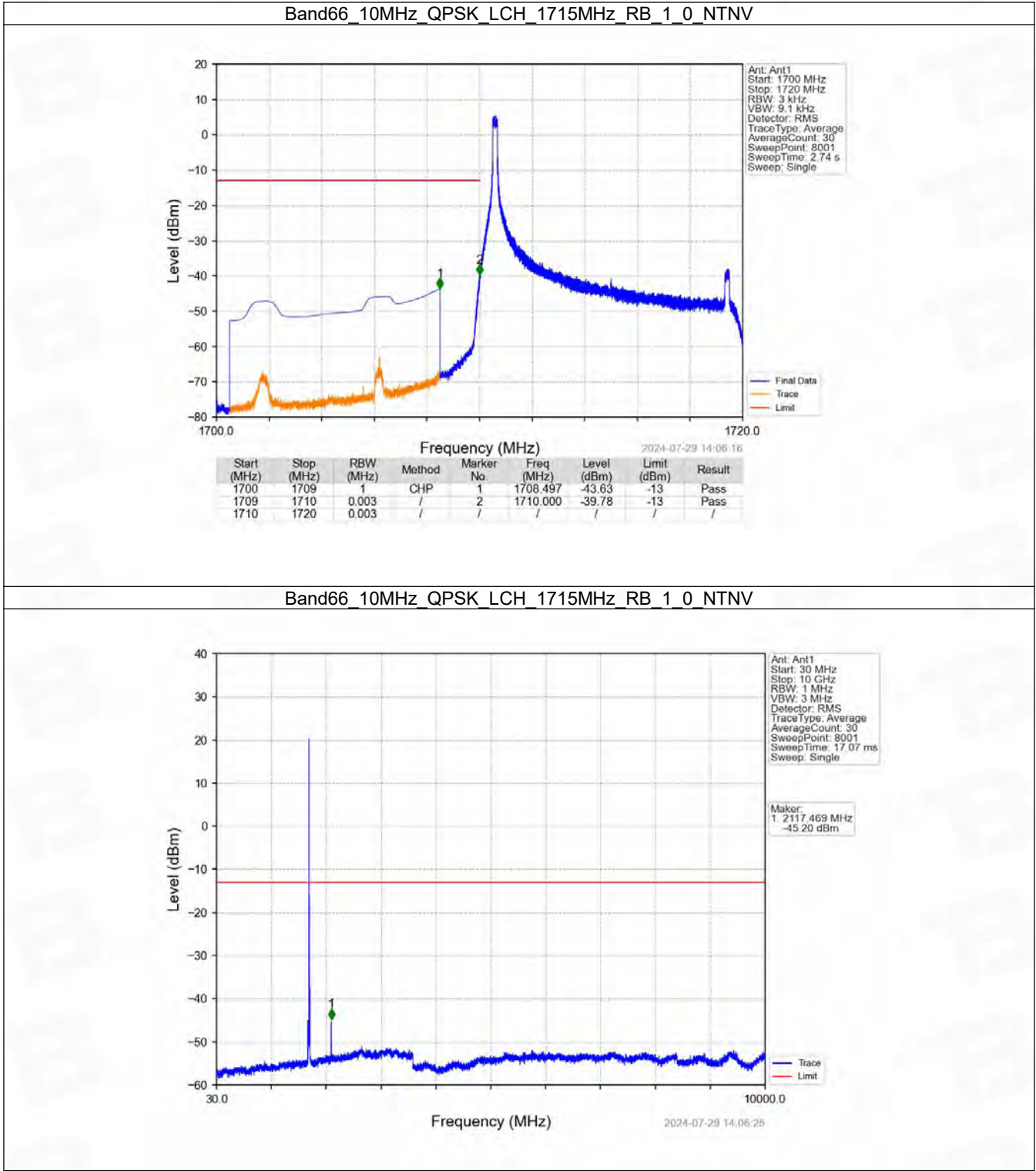
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_1_24_NTNV



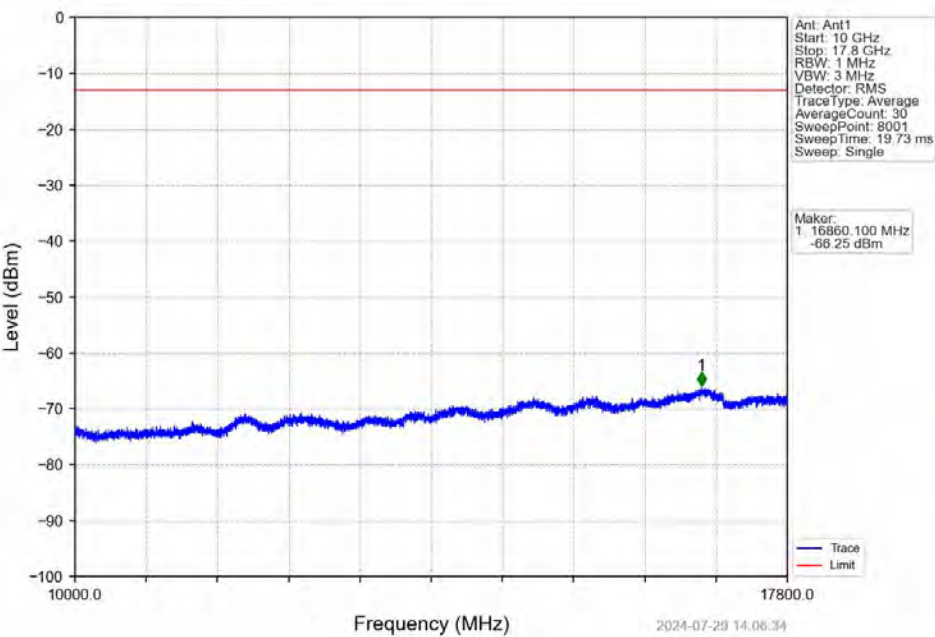
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



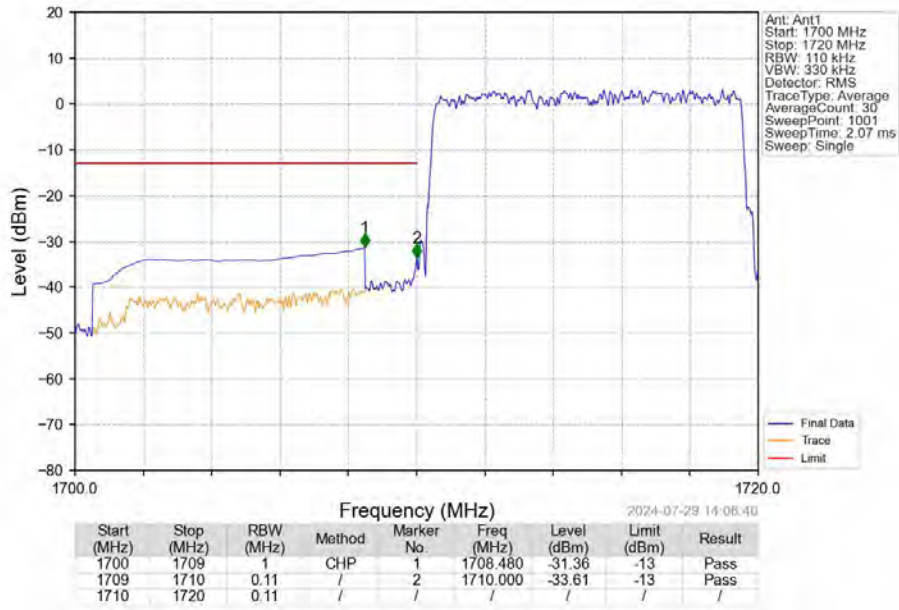
6.2.4 B66_10MHz



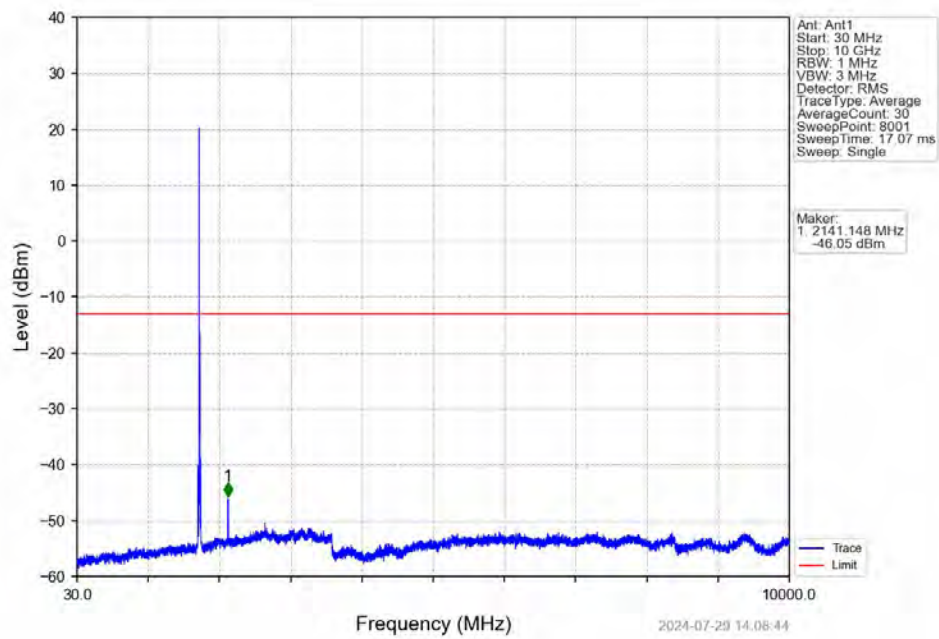
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



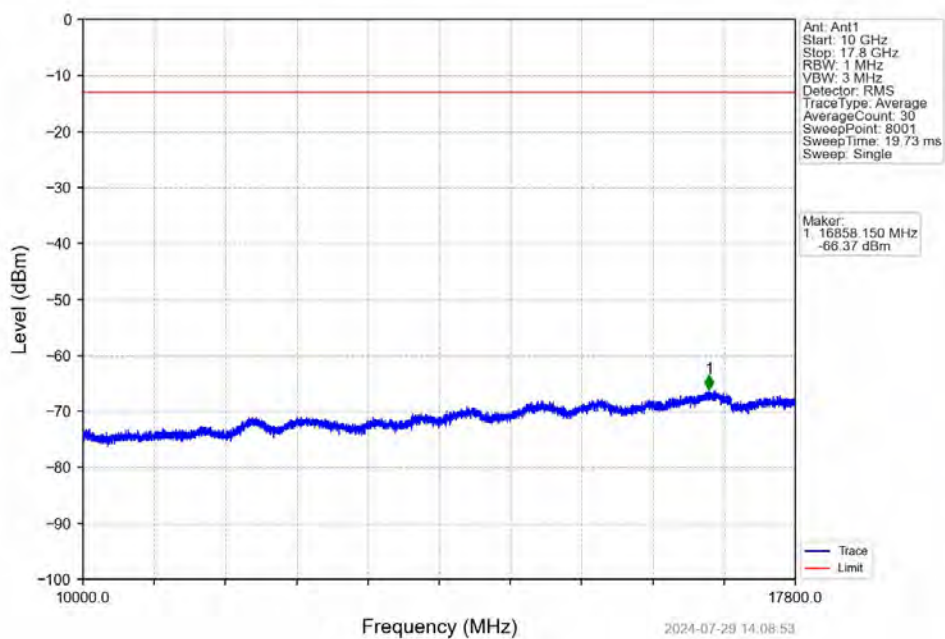
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



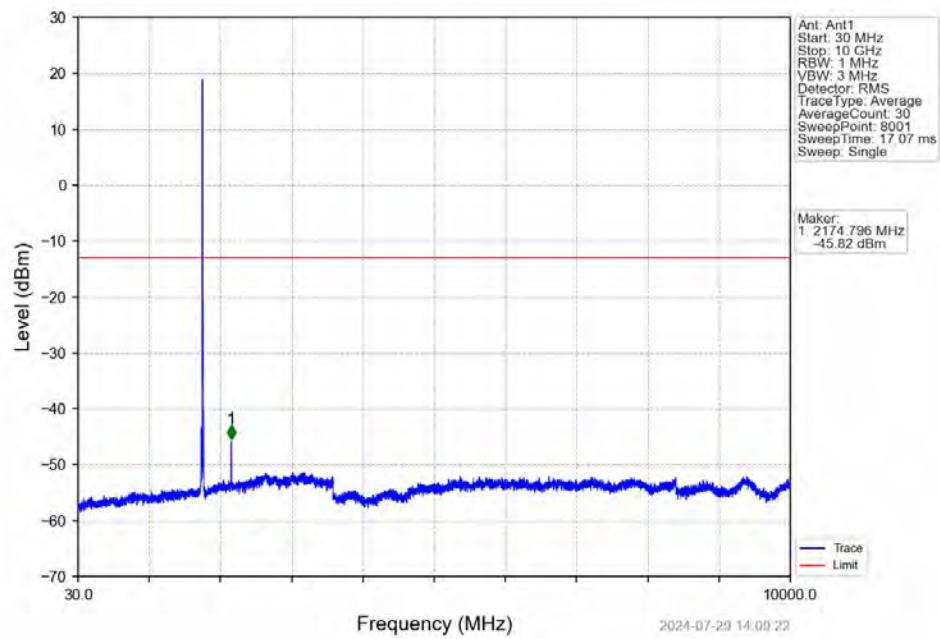
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



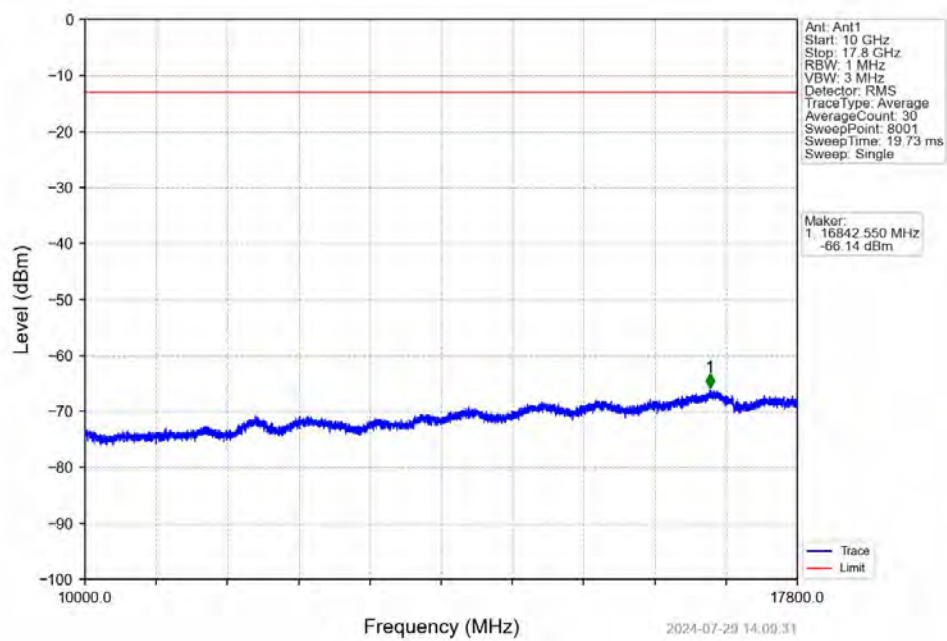
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



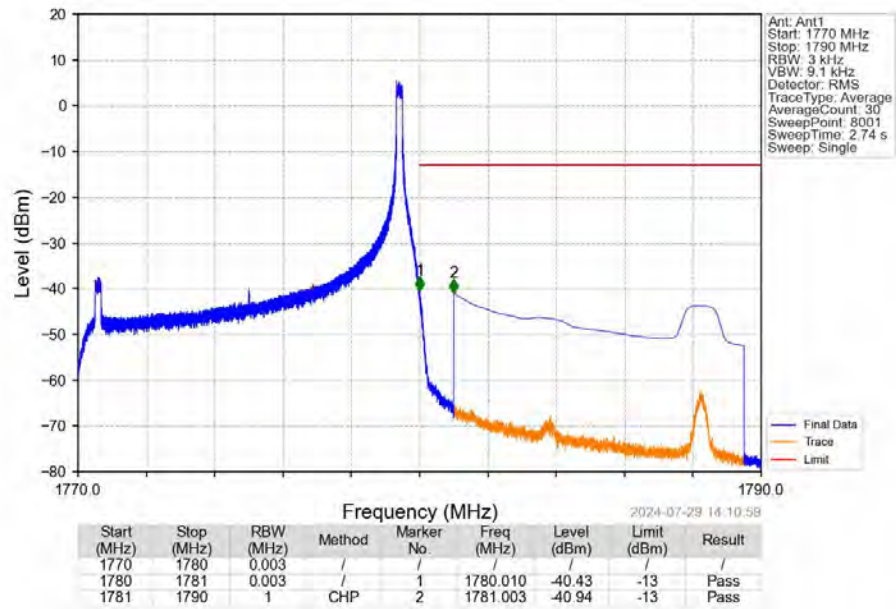
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



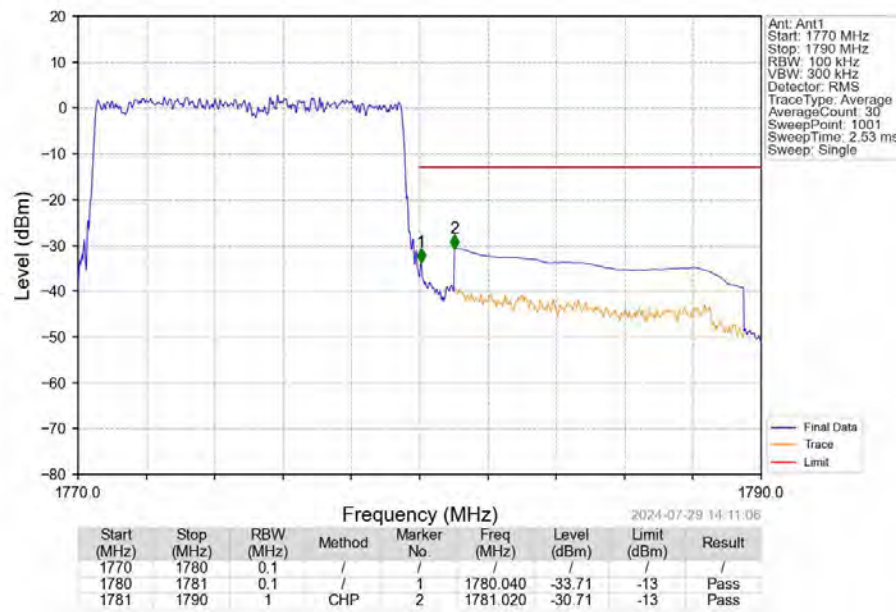
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



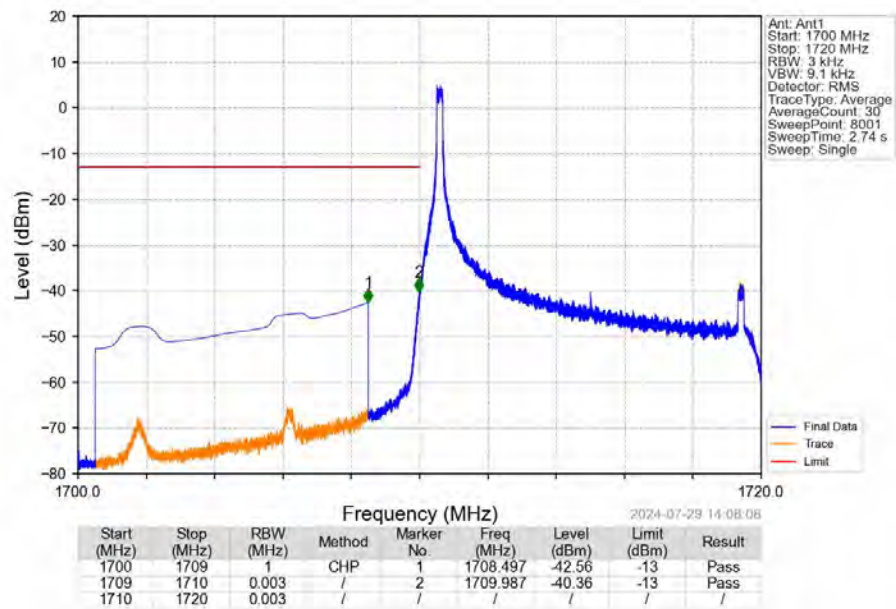
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



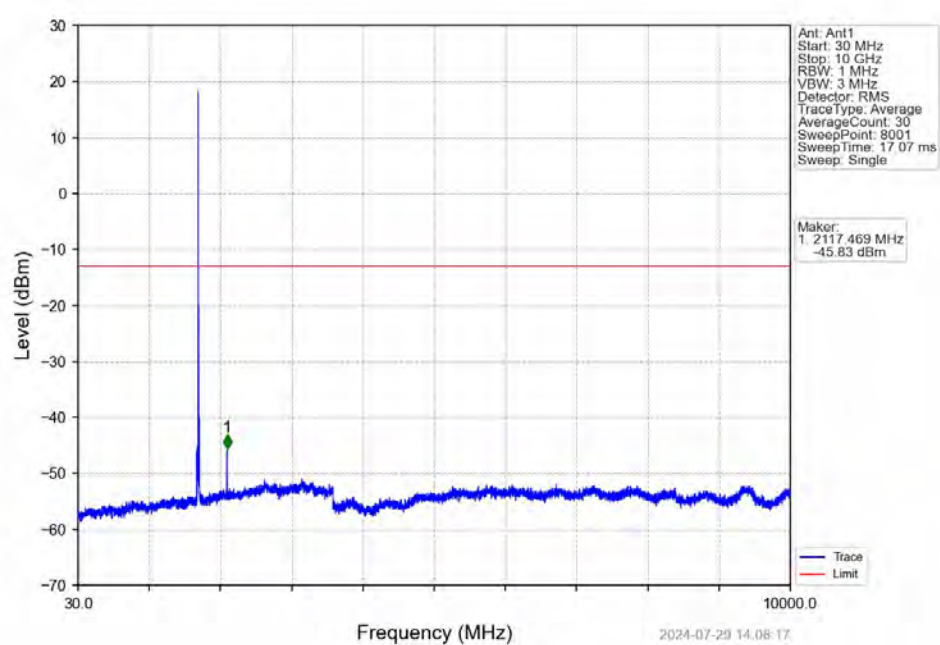
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



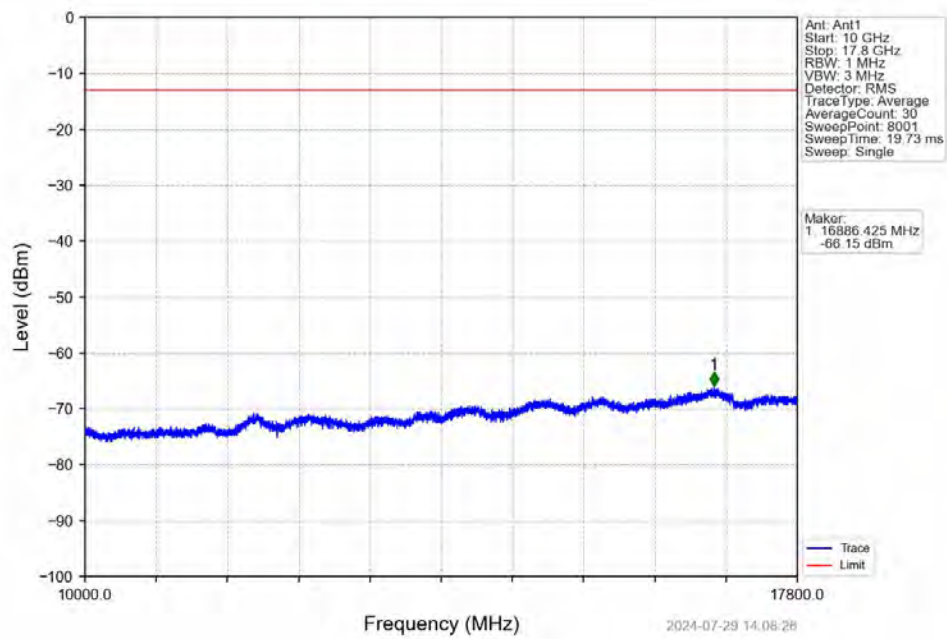
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



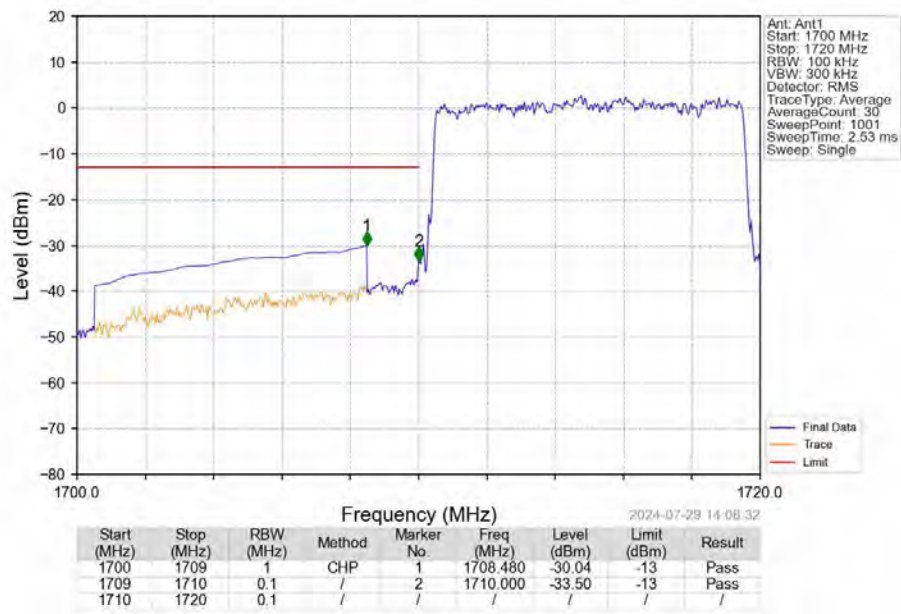
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



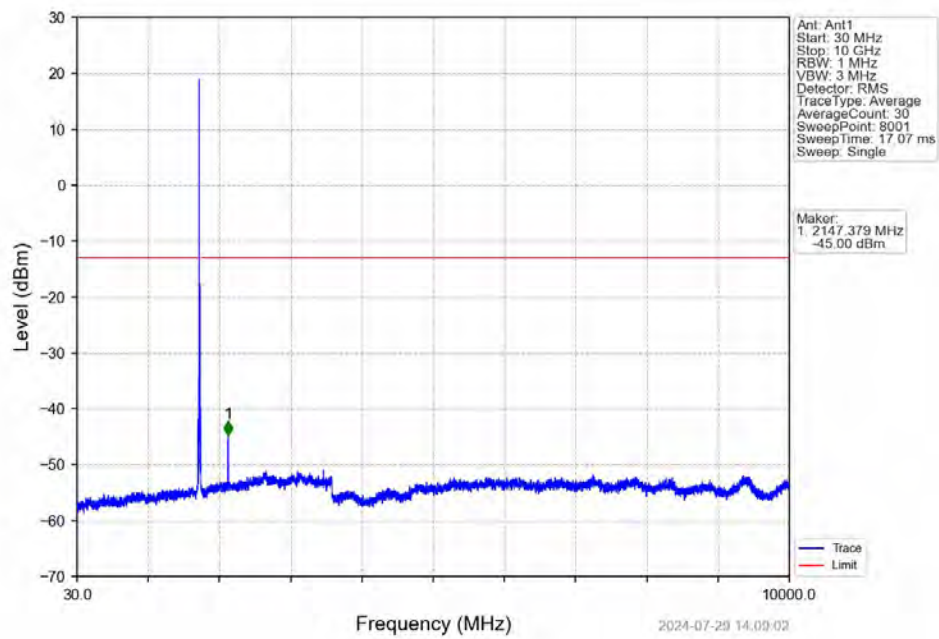
Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



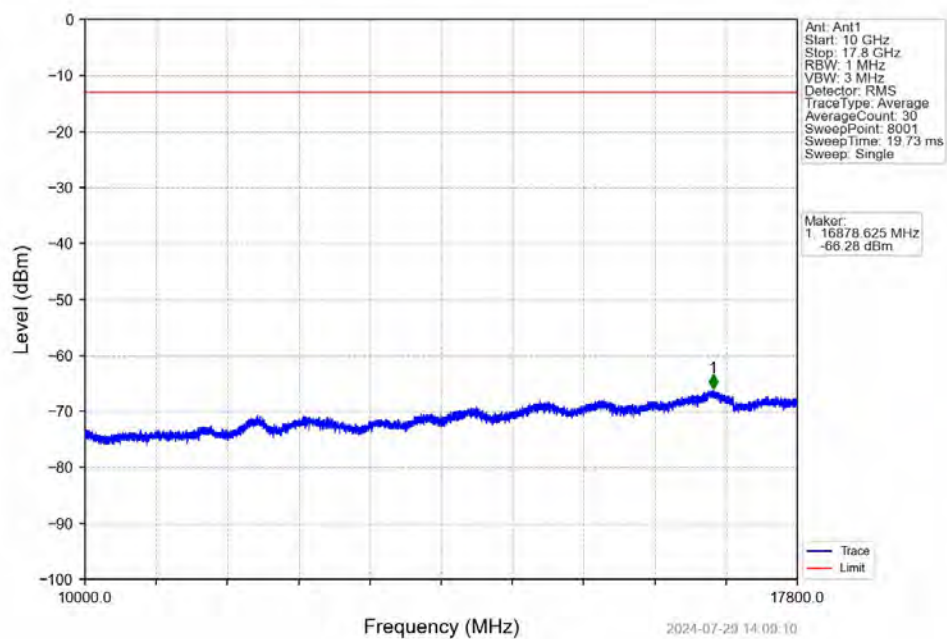
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



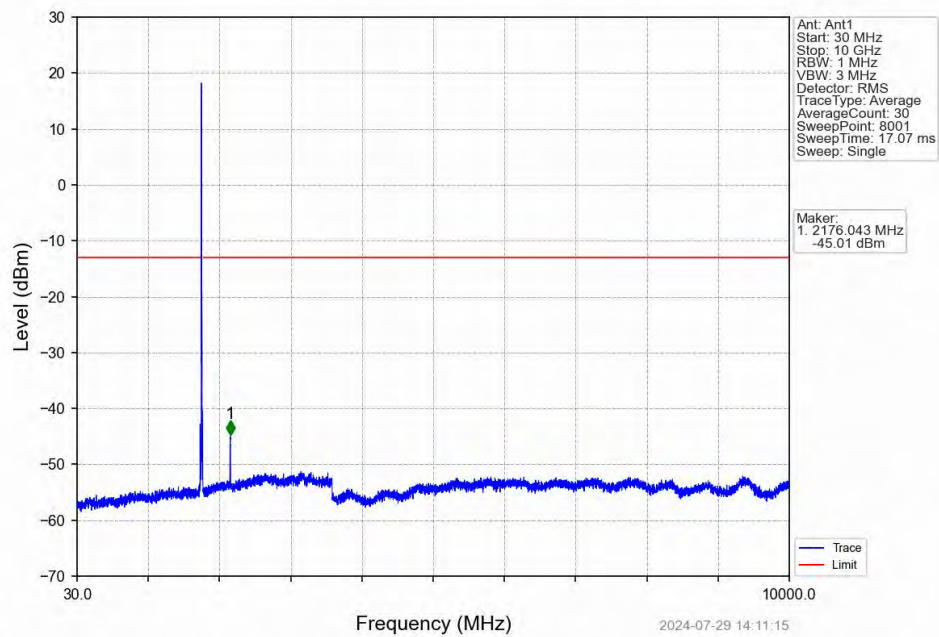
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



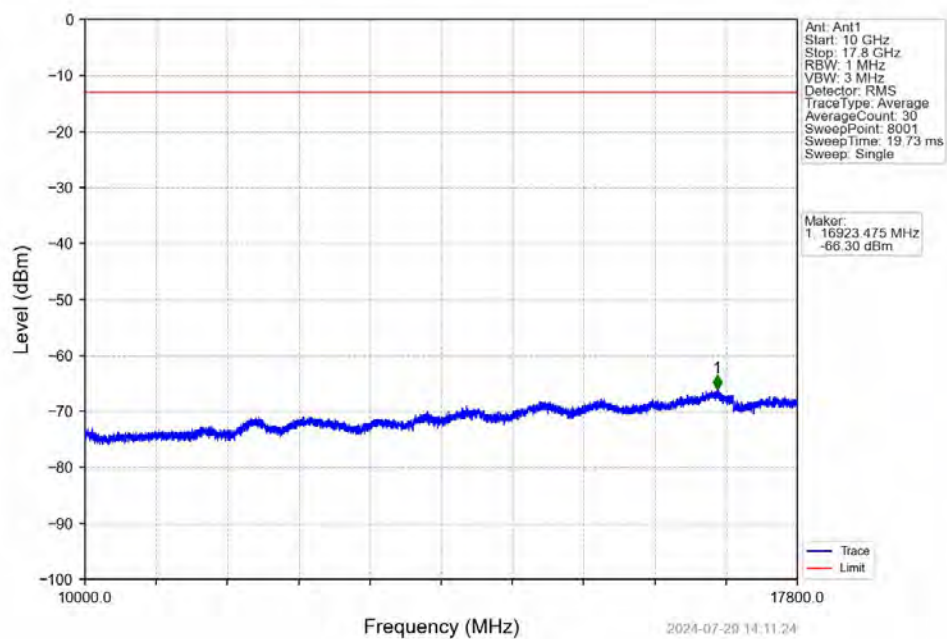
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



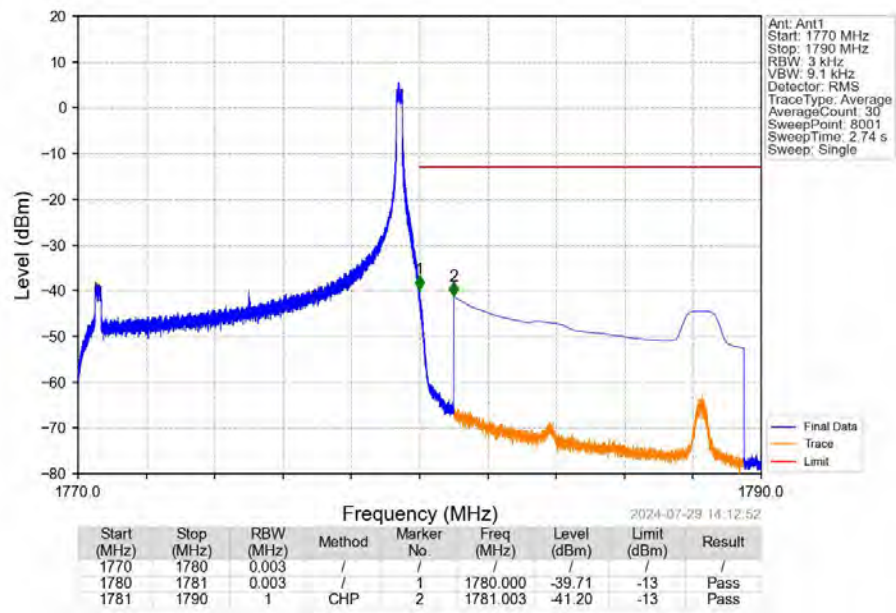
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



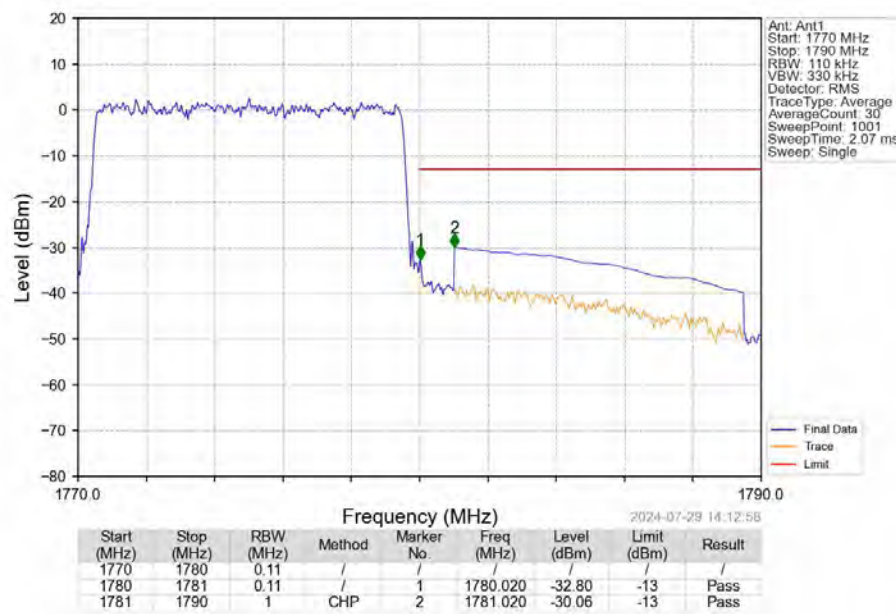
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



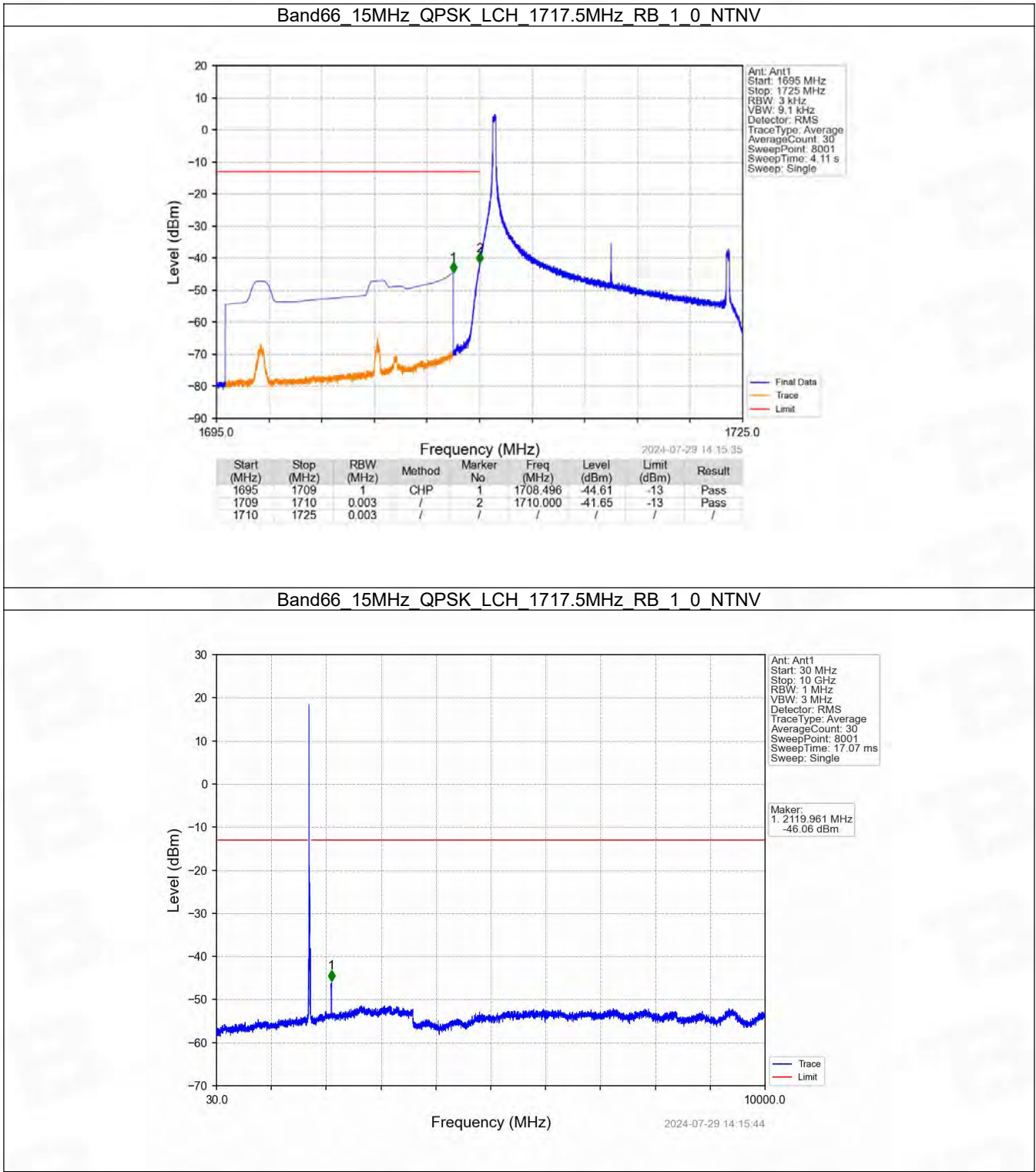
Band66 10MHz 16QAM HCH 1775MHz RB 1 49 NTNV



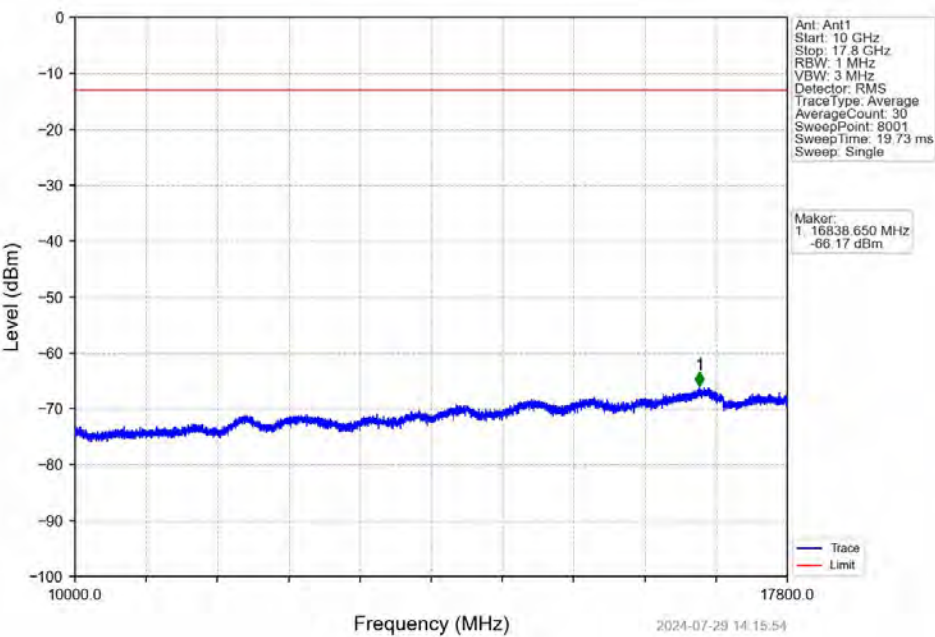
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



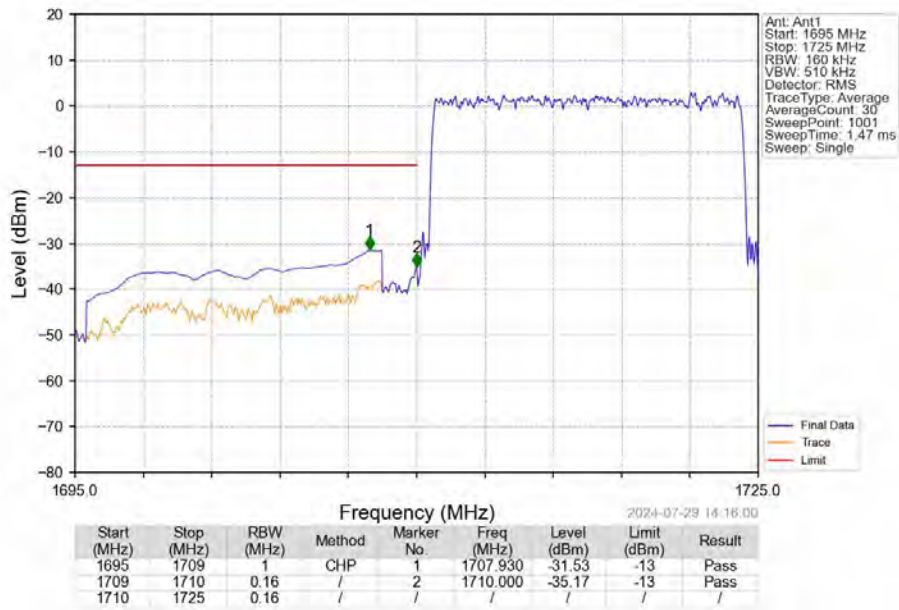
6.2.5 B66_15MHz



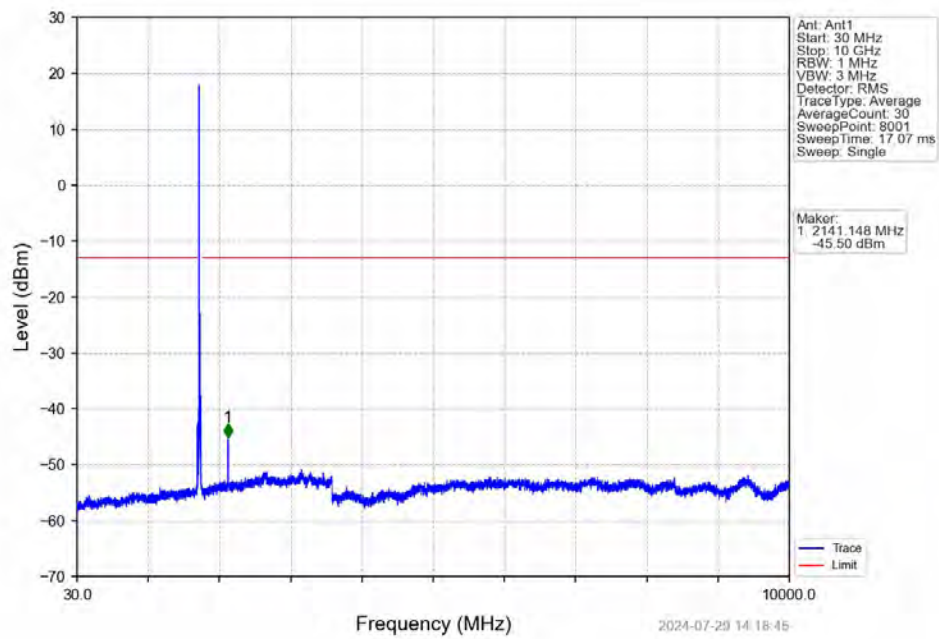
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



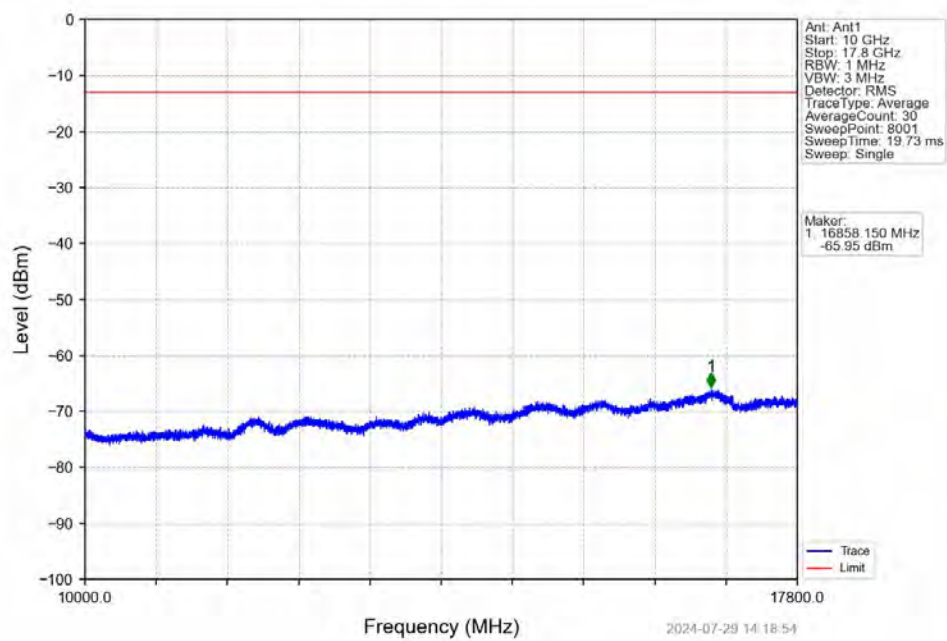
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



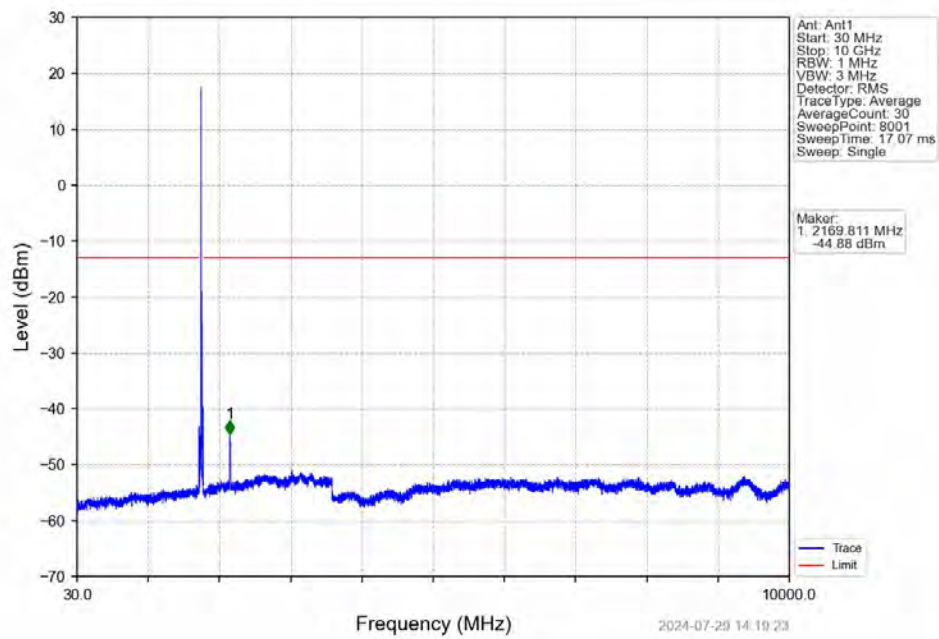
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



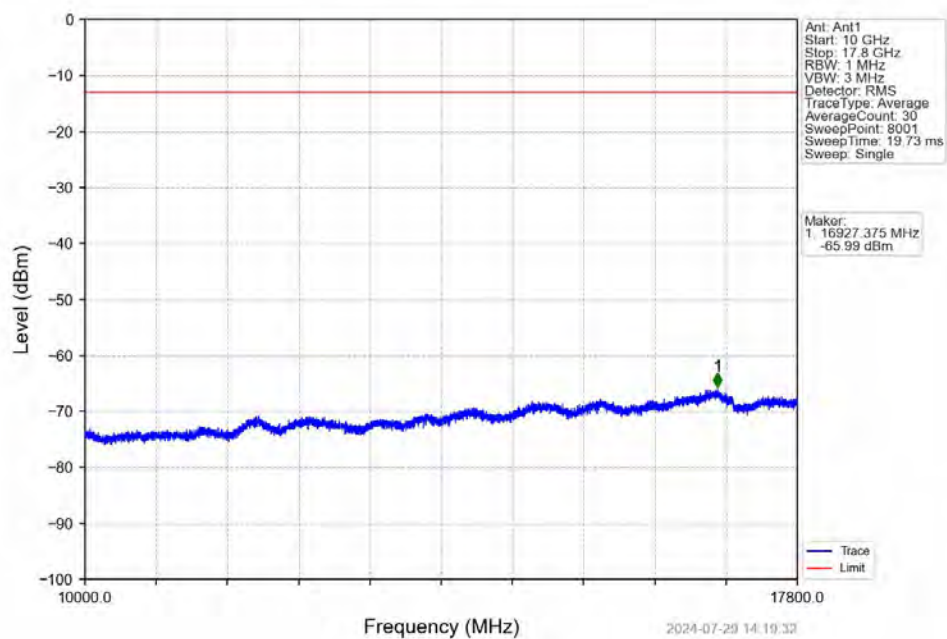
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



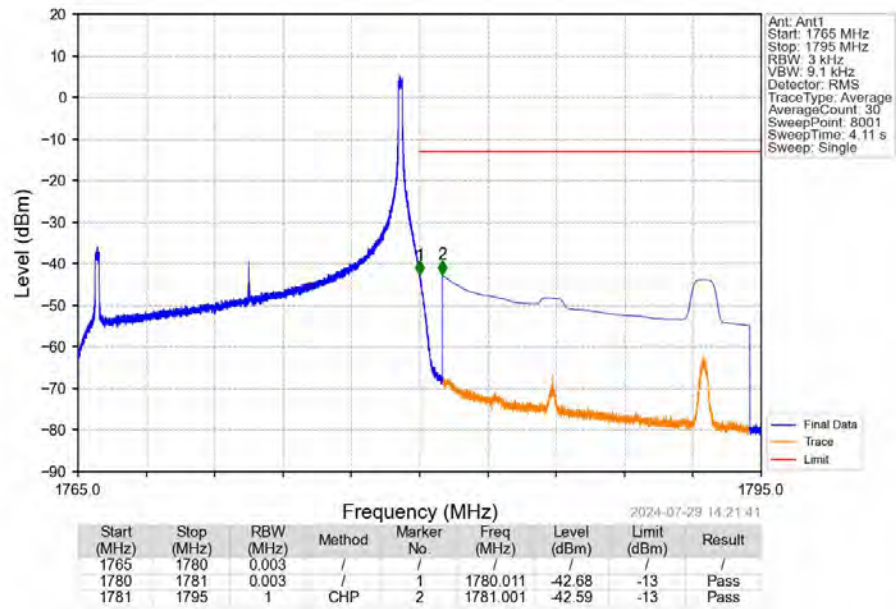
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



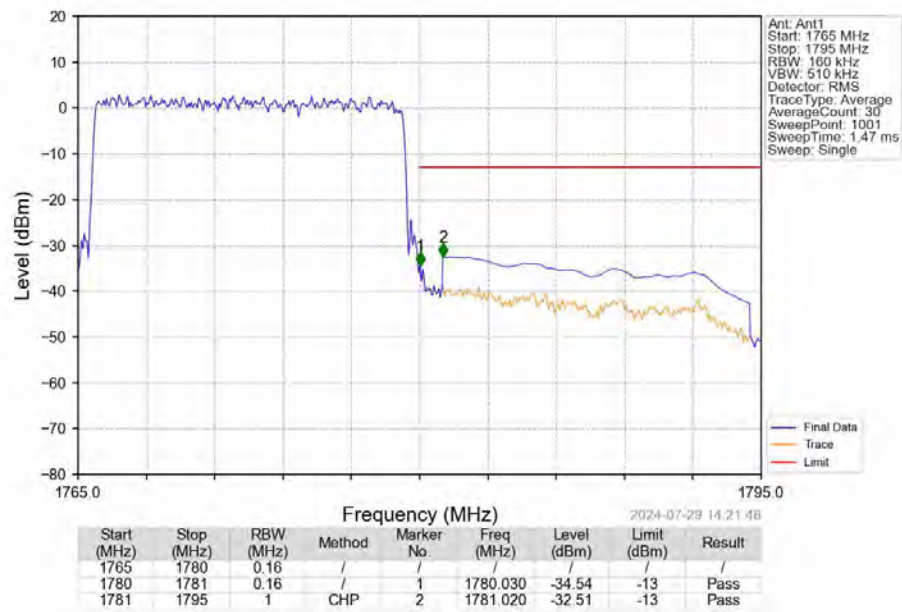
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



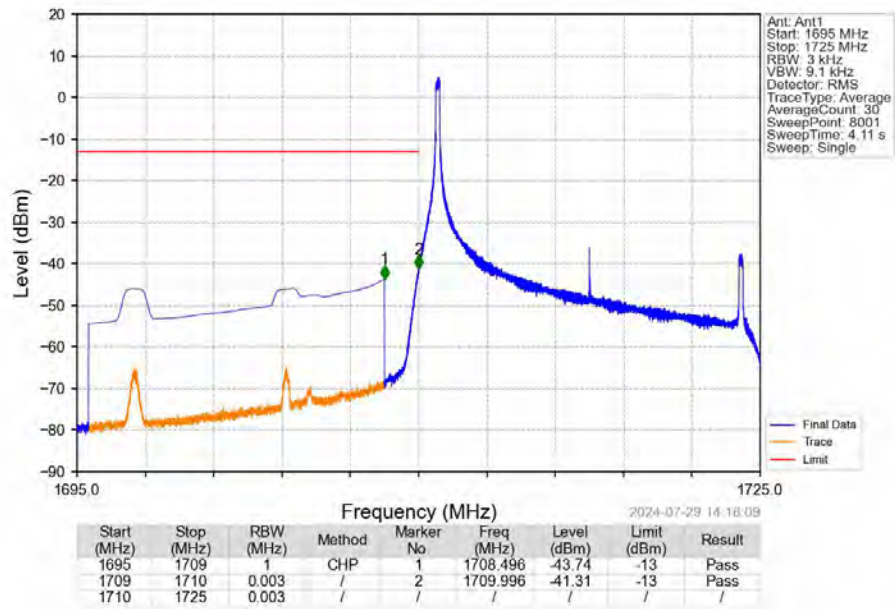
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



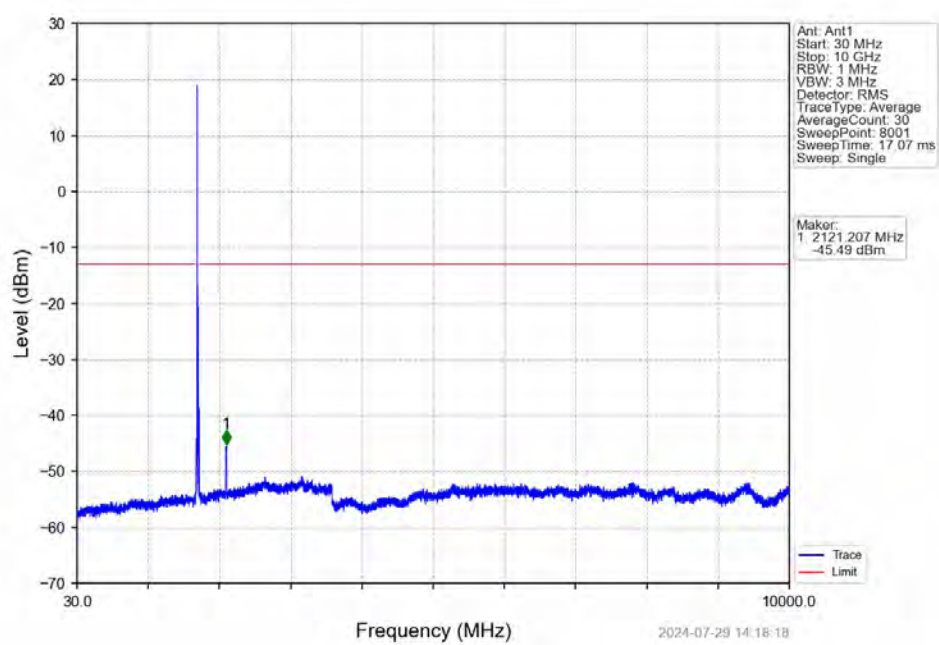
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



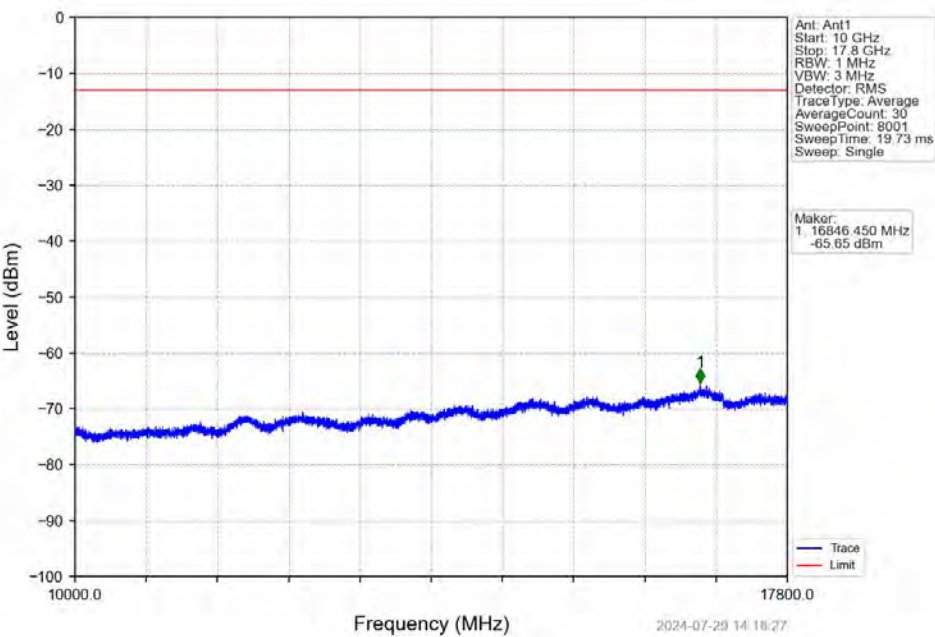
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



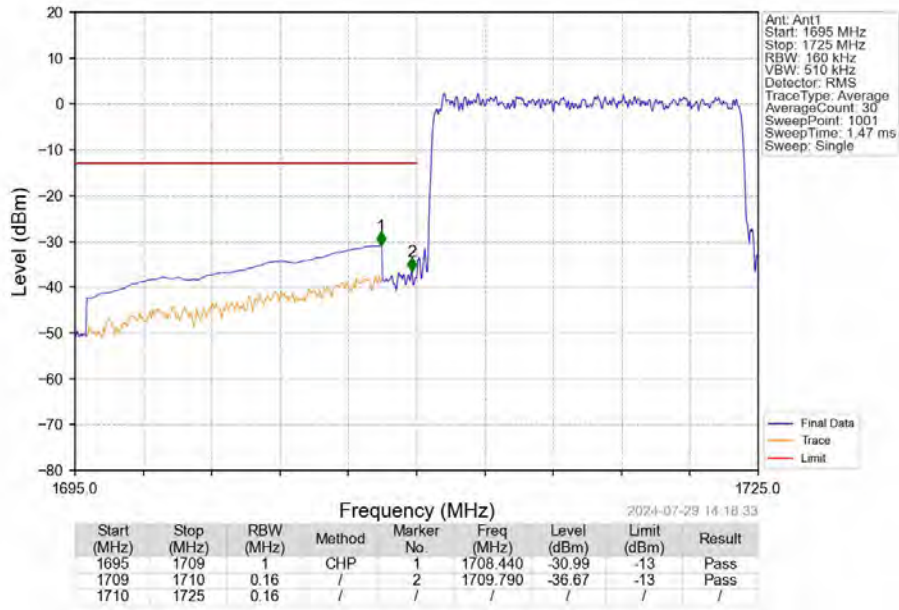
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



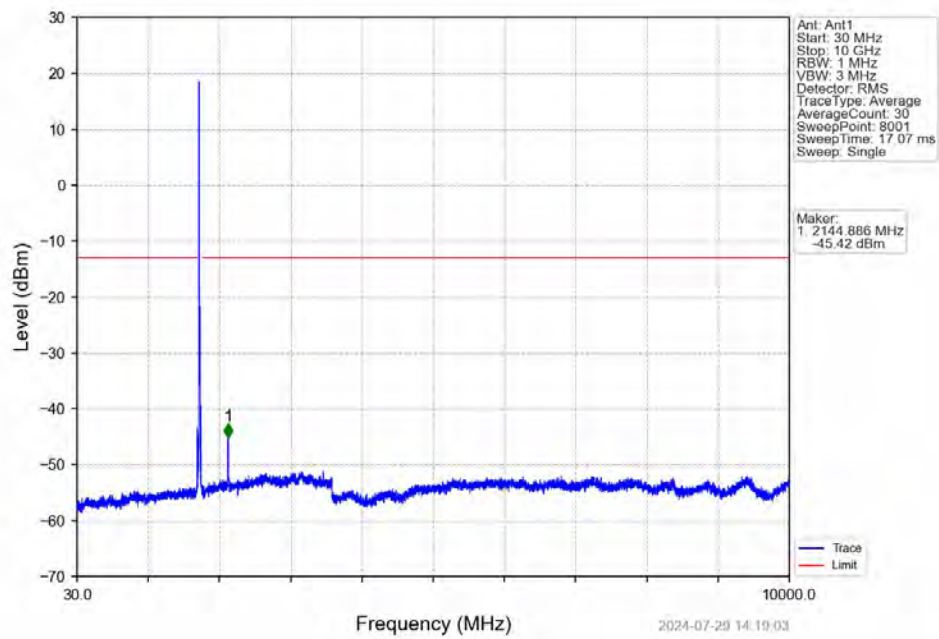
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



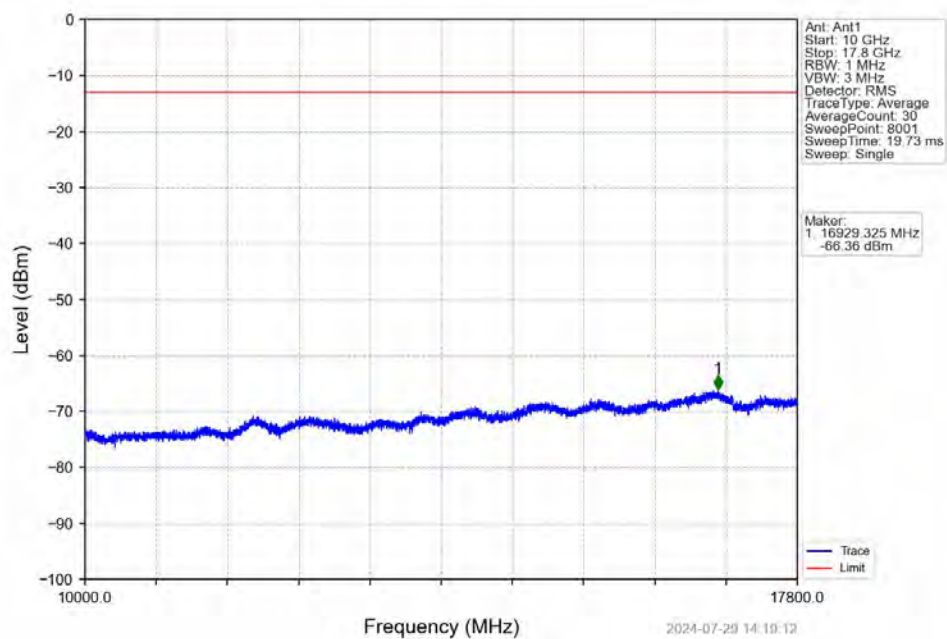
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

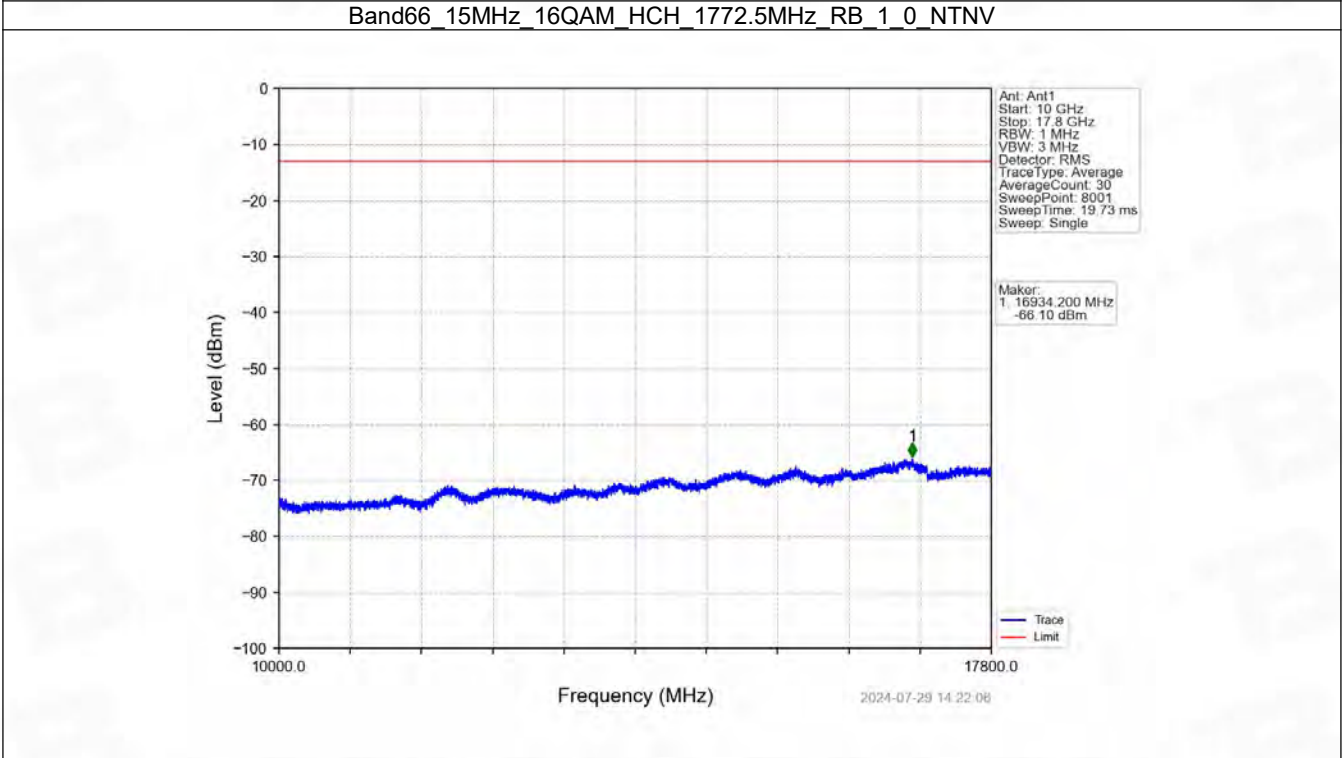
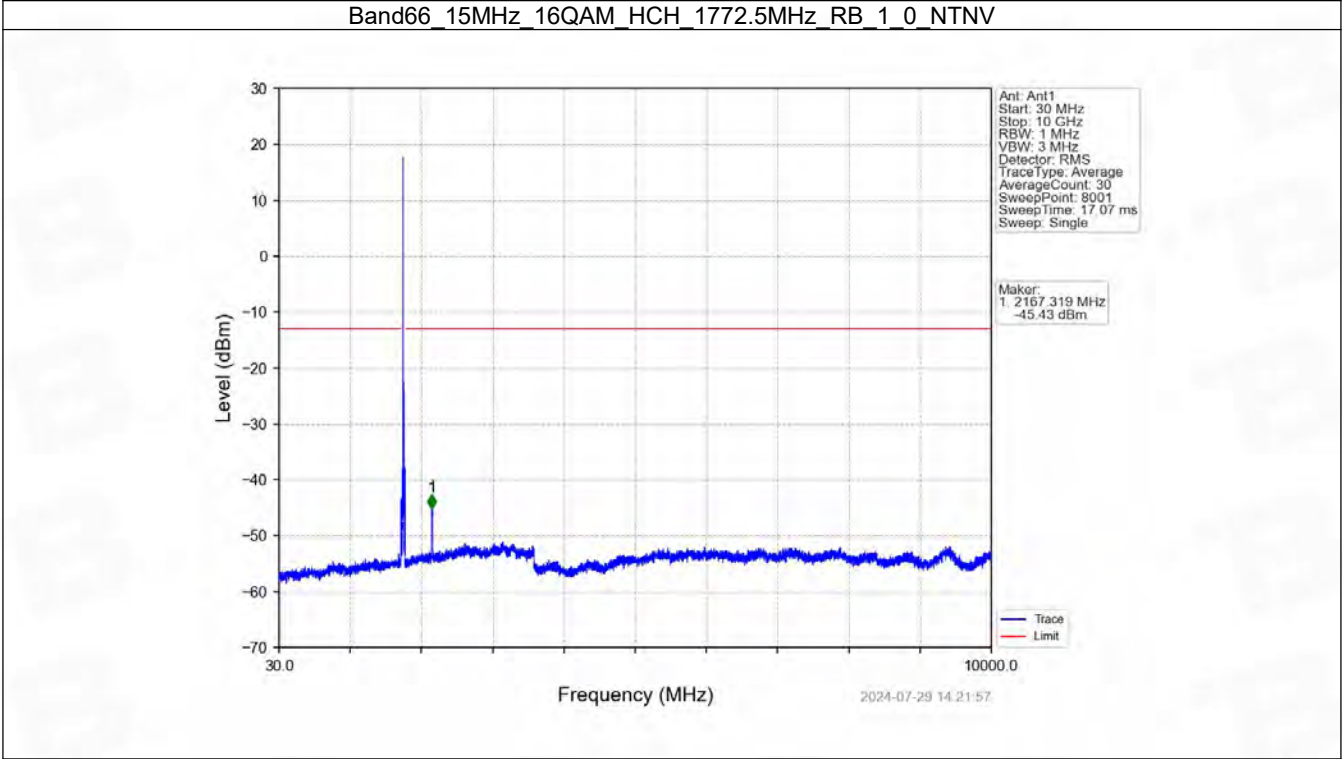


Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

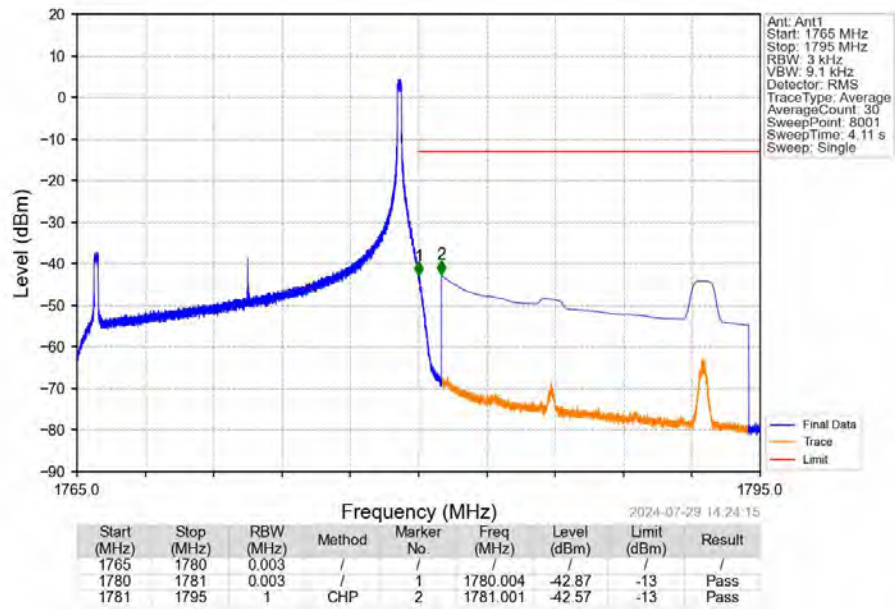


Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

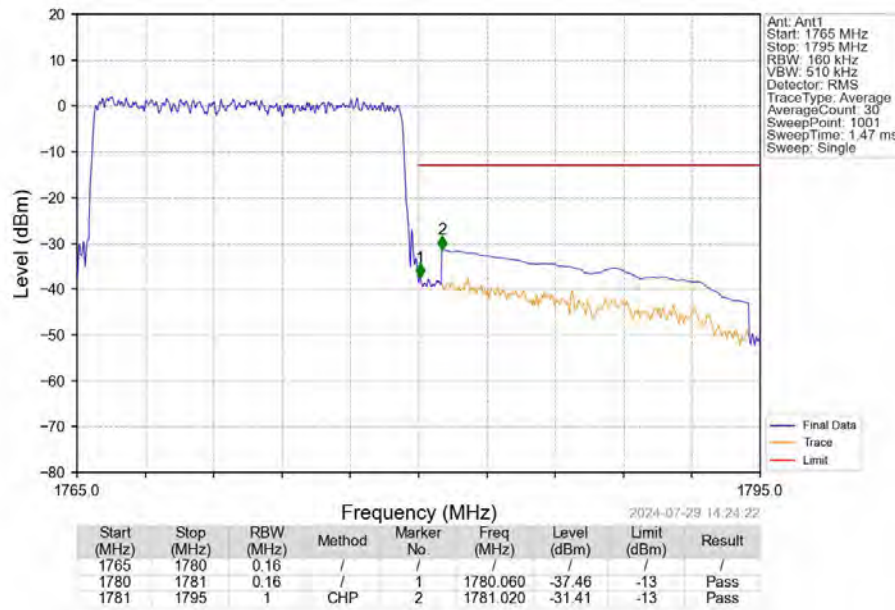




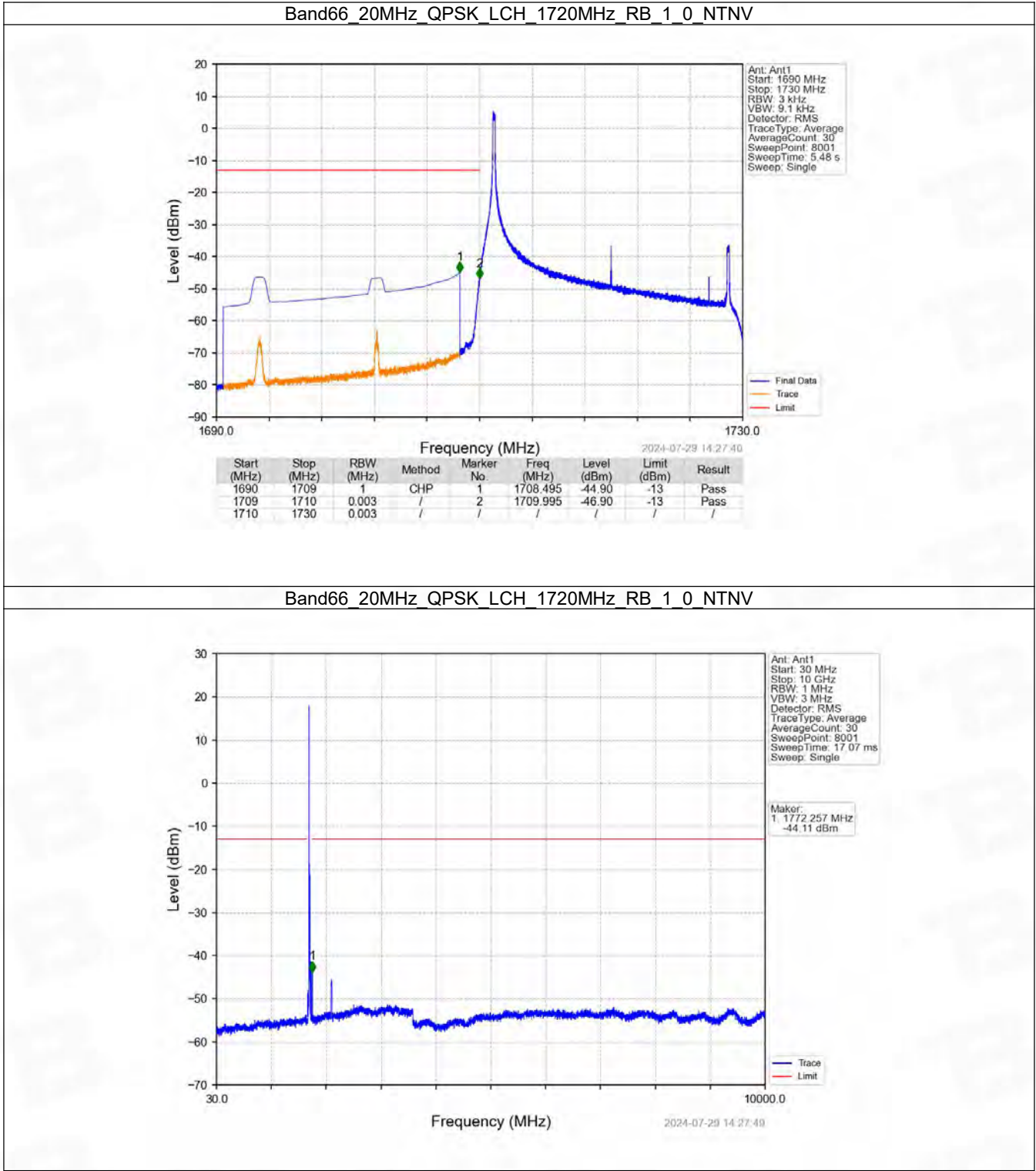
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



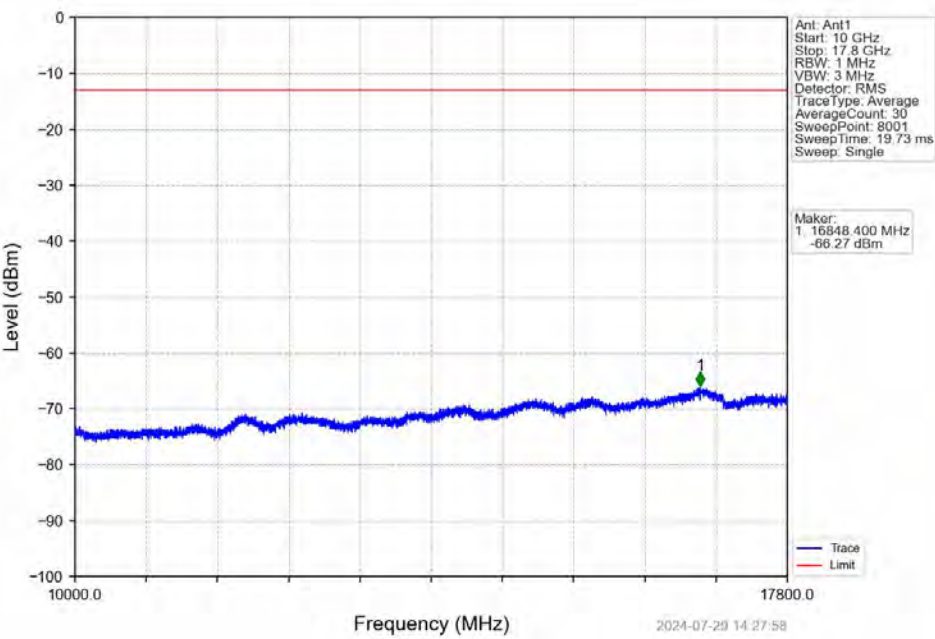
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



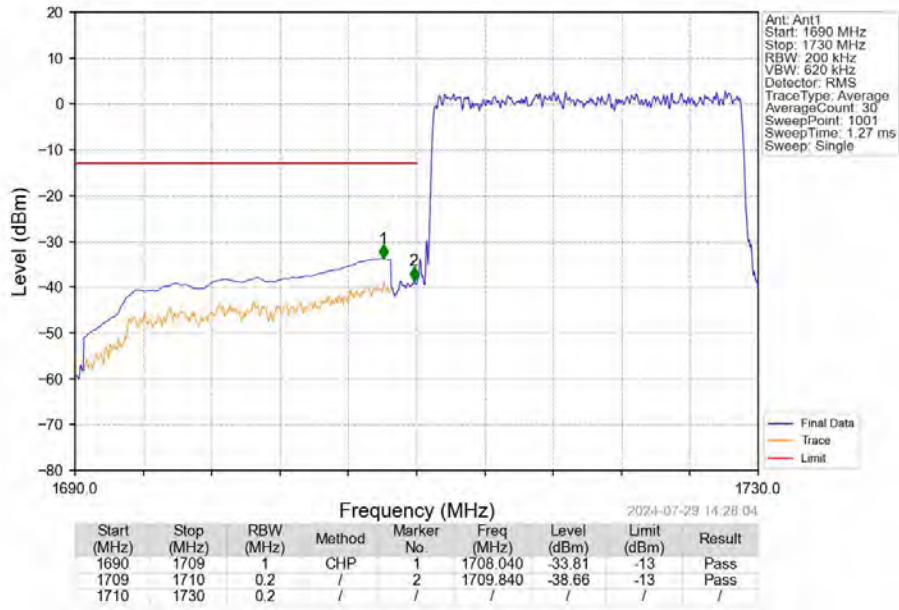
6.2.6 B66_20MHz



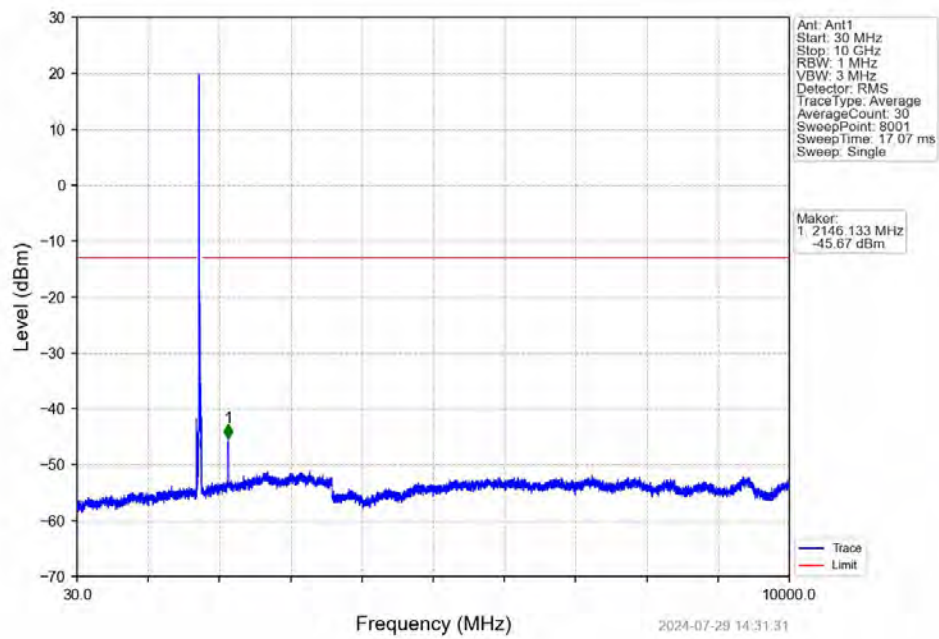
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



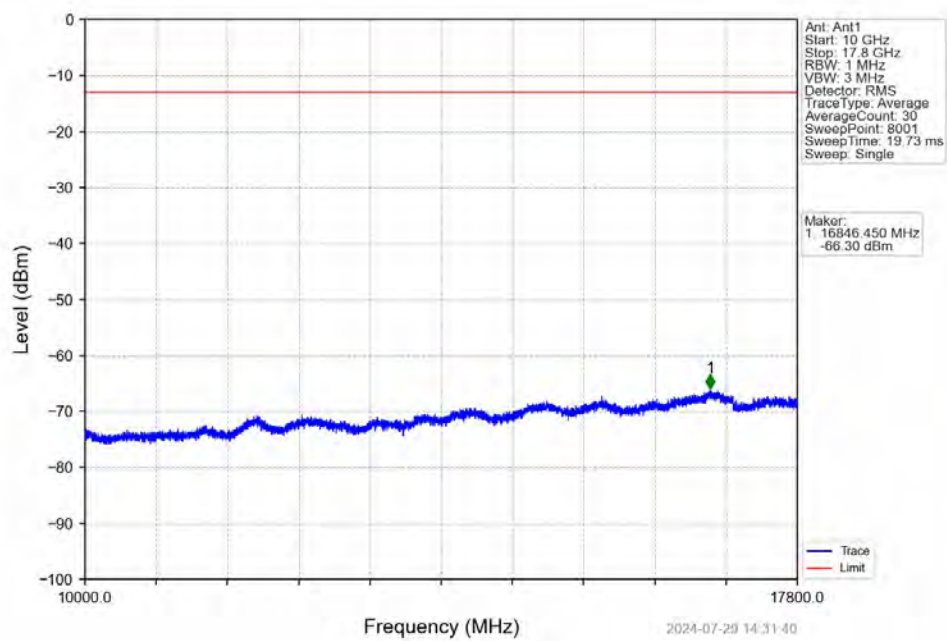
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



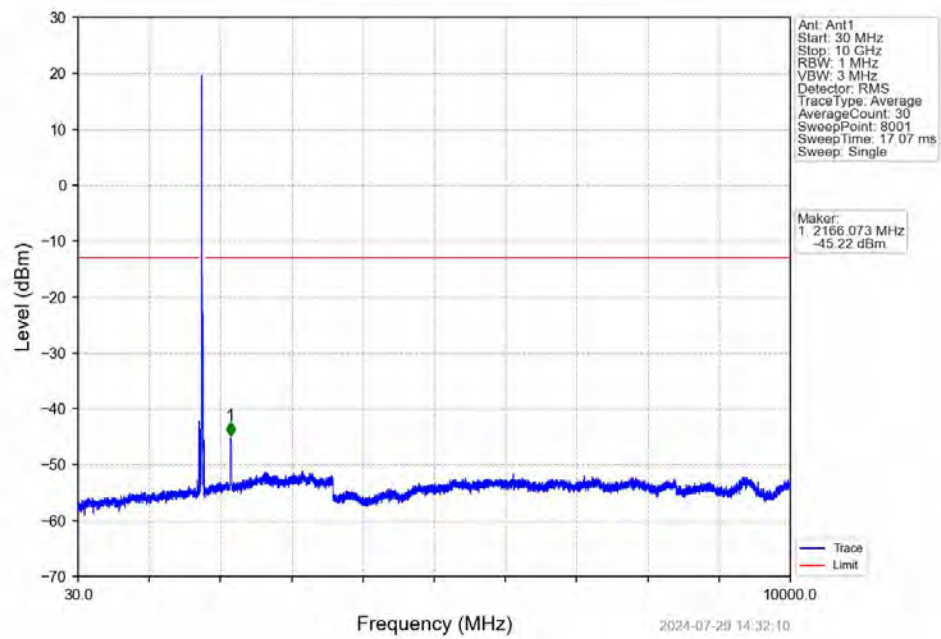
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



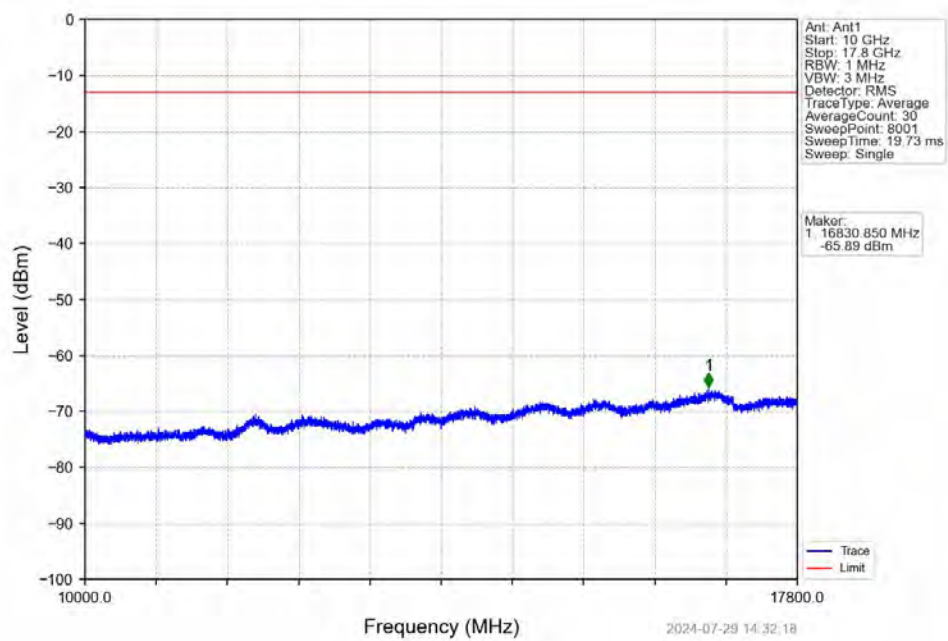
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



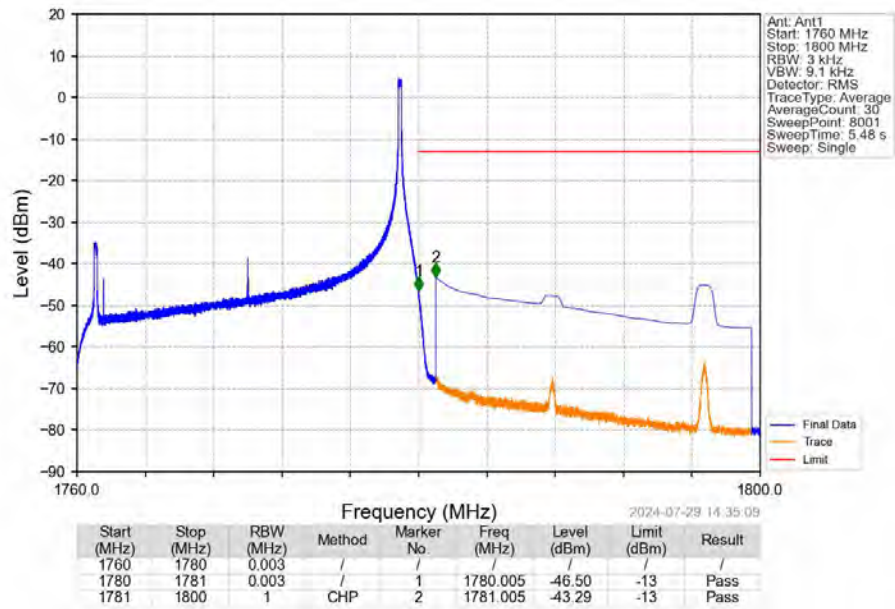
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



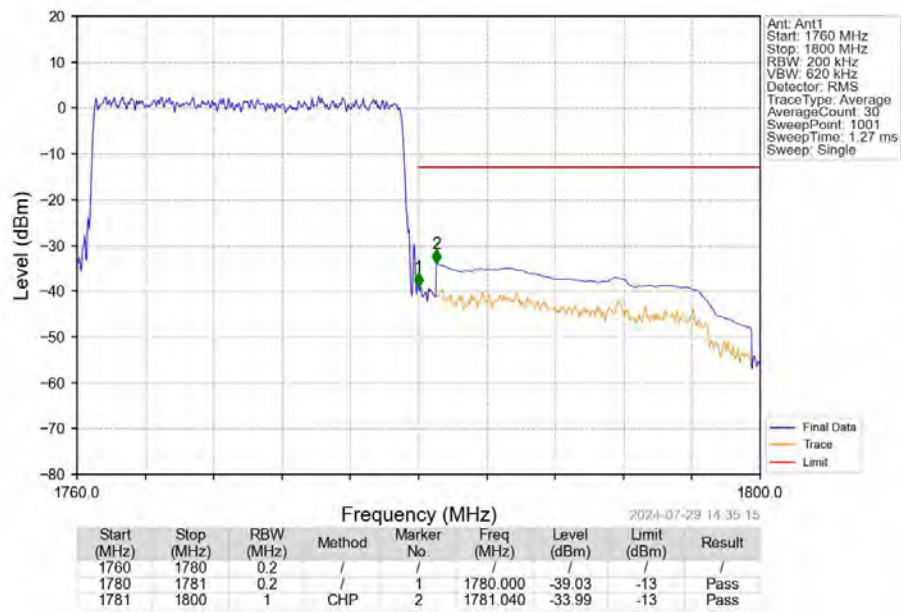
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



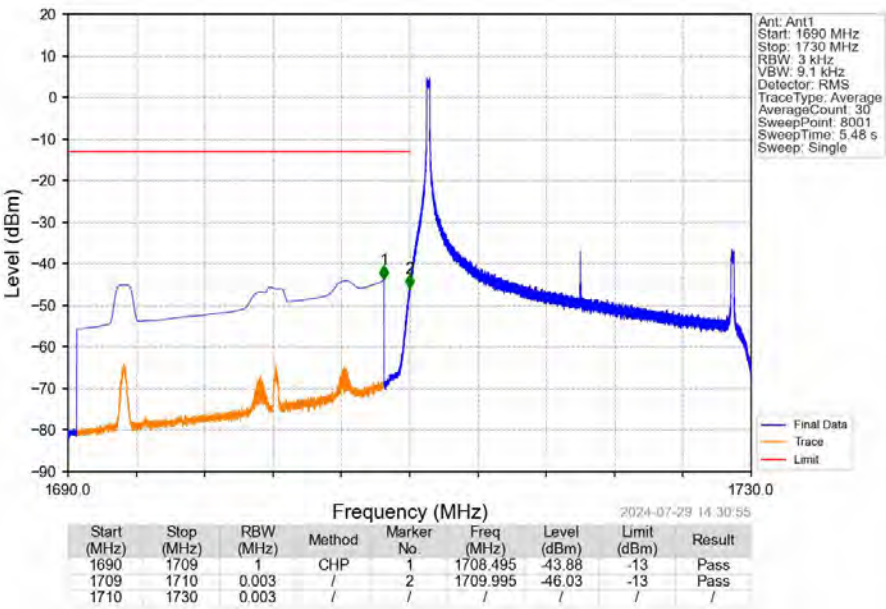
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



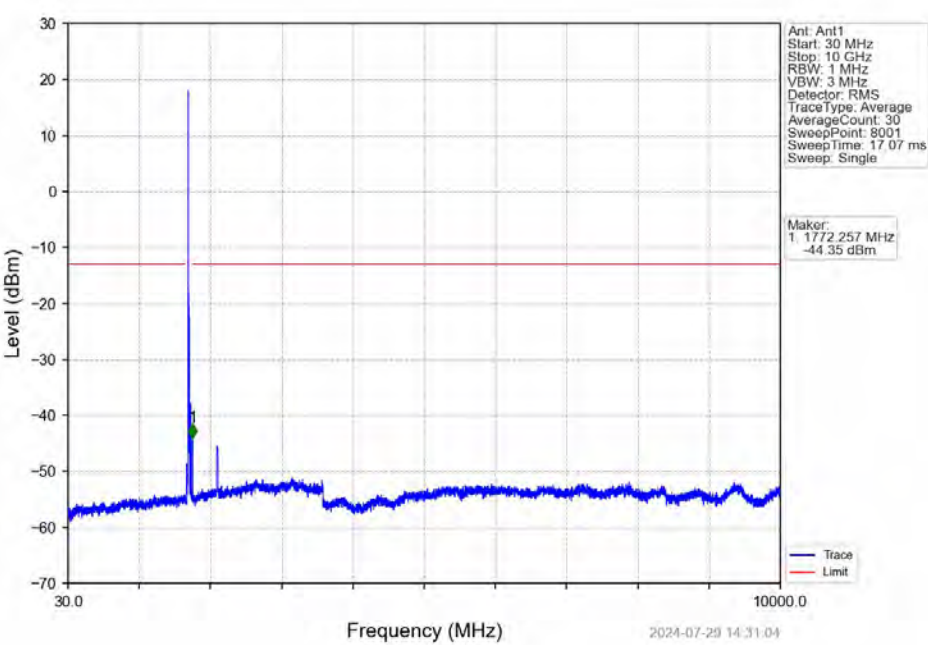
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



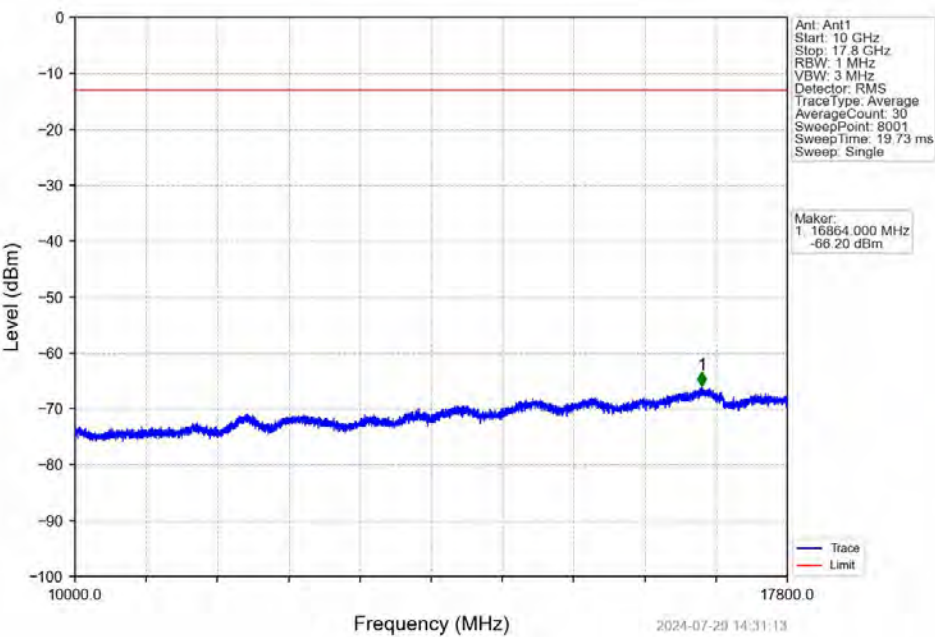
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



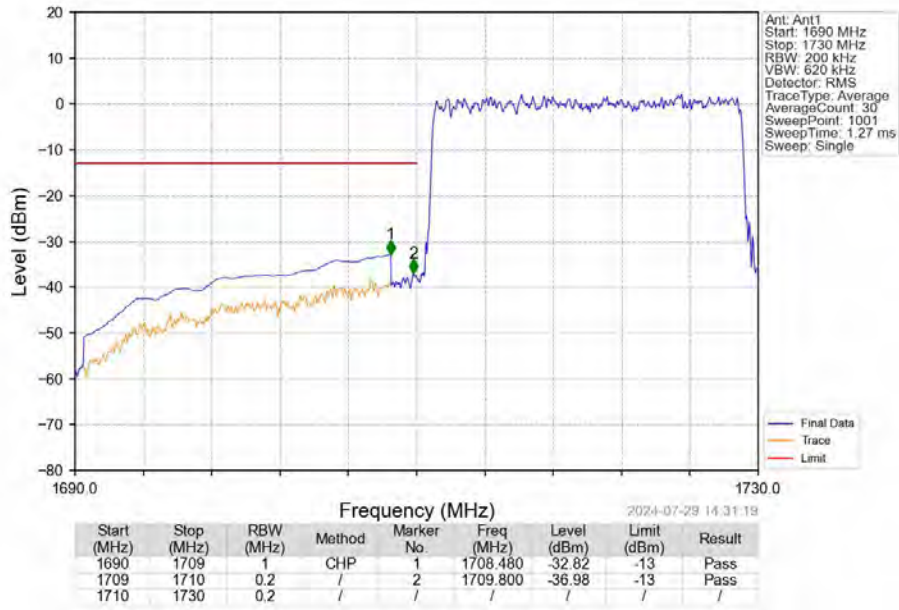
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



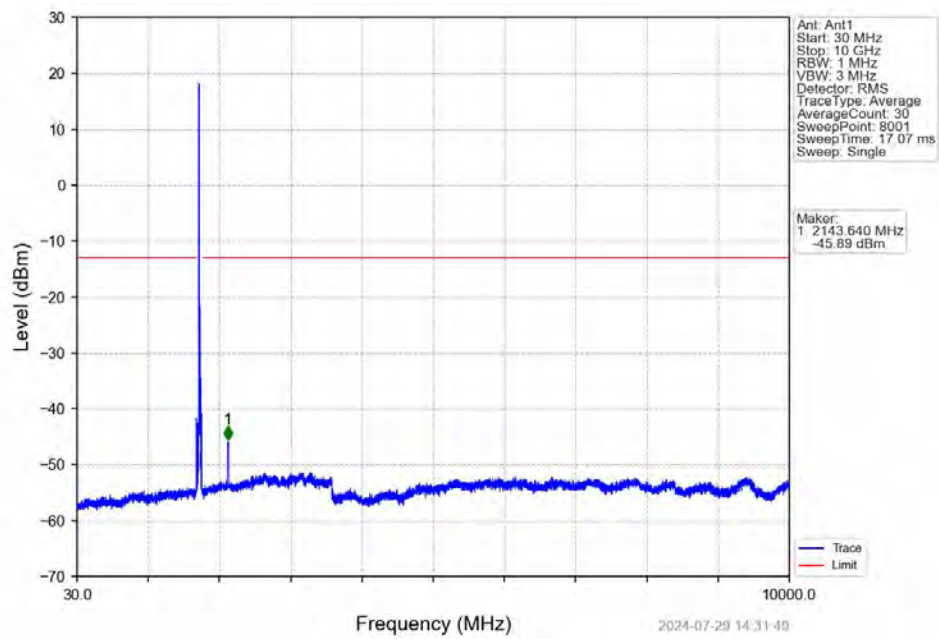
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



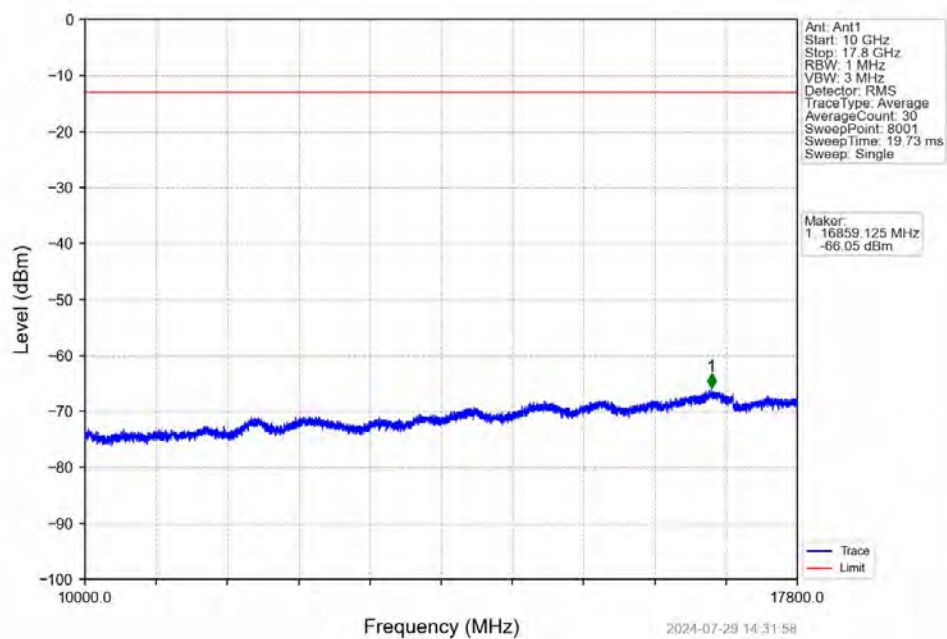
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



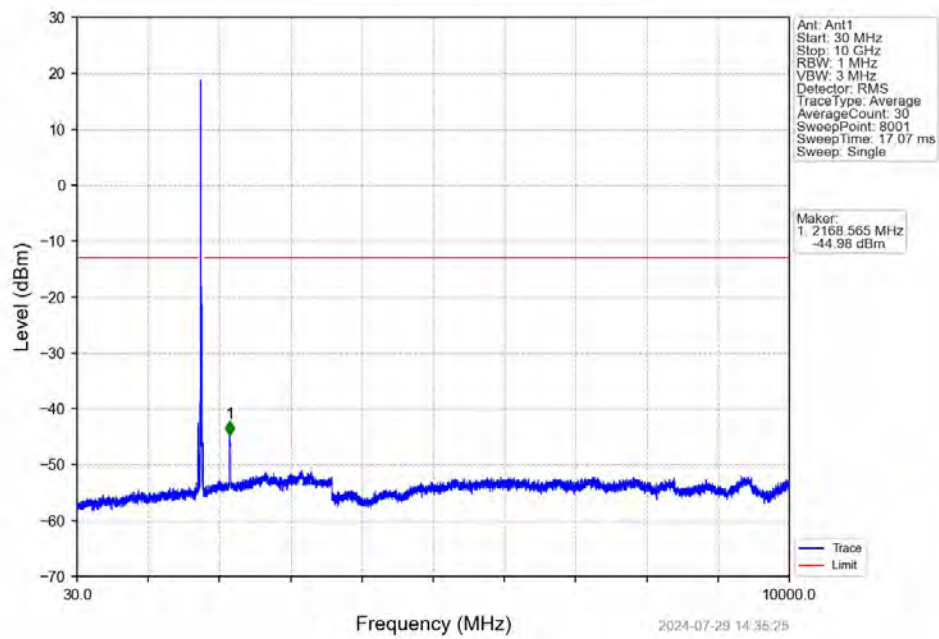
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



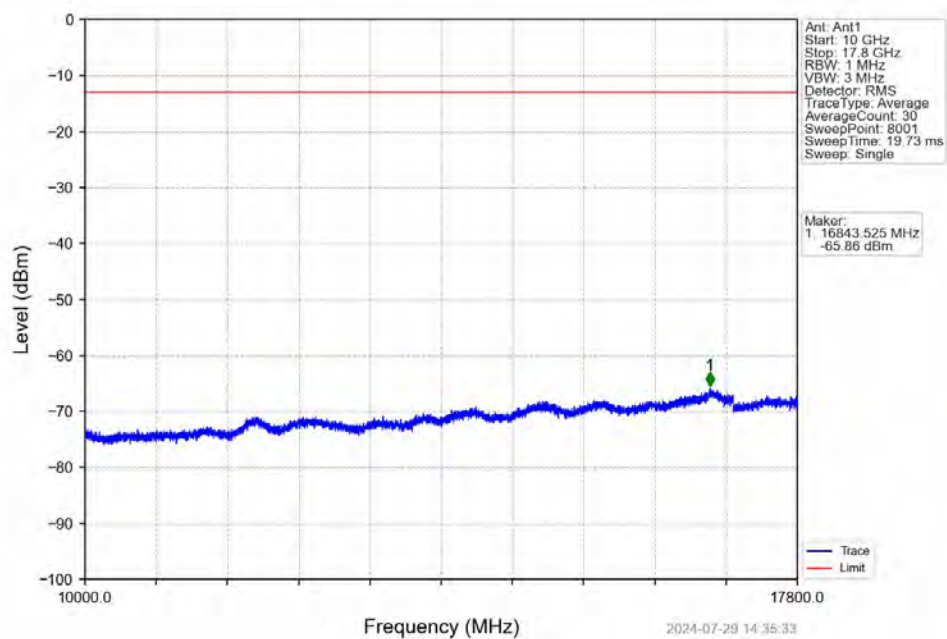
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



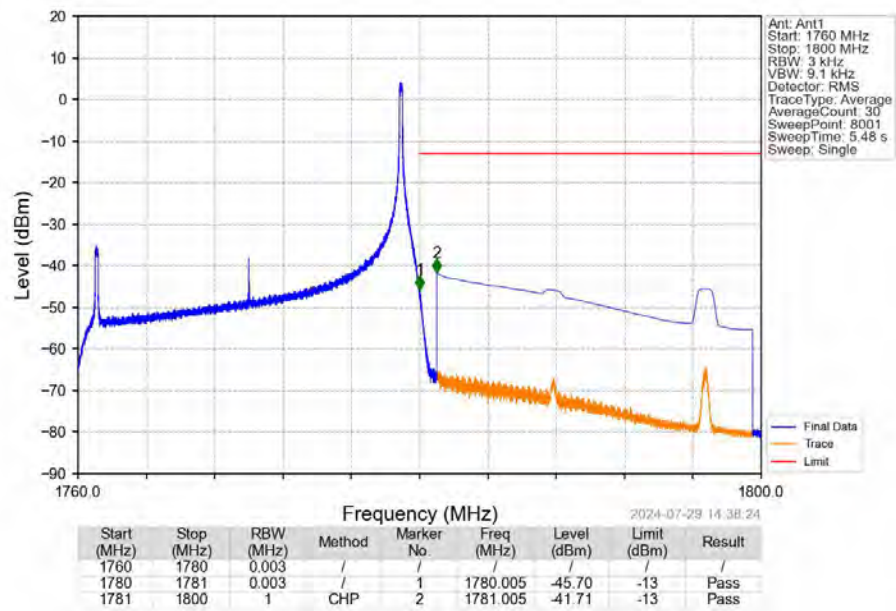
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



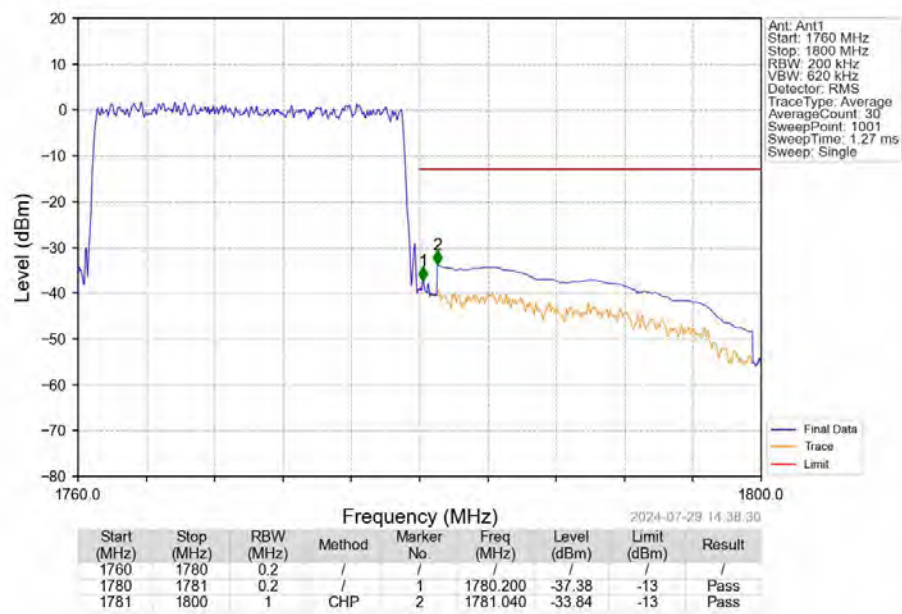
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_1_99_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.1406	0.0224	ppm	1M11G7D	27L	21.48
66	1.4	1710.7	1779.3	0.1466	0.0260	ppm	1M13W7D	27L	21.66
66	3	1711.5	1778.5	0.1400	0.0207	ppm	2M76G7D	27L	21.46
66	3	1711.5	1778.5	0.1393	0.0211	ppm	2M77W7D	27L	21.44
66	5	1712.5	1777.5	0.1406	0.0227	ppm	4M56G7D	27L	21.48
66	5	1712.5	1777.5	0.1250	0.0215	ppm	4M58W7D	27L	20.97
66	10	1715	1775	0.1374	0.0217	ppm	9M09G7D	27L	21.38
66	10	1715	1775	0.1377	0.0103	ppm	9M10W7D	27L	21.39
66	15	1717.5	1772.5	0.1380	0.0279	ppm	13M6G7D	27L	21.40
66	15	1717.5	1772.5	0.1503	0.0162	ppm	13M6W7D	27L	21.77
66	20	1720	1770	0.1413	0.0211	ppm	18M2G7D	27L	21.50
66	20	1720	1770	0.1479	0.0222	ppm	18M2W7D	27L	21.70

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
66	1.4	1710.7	1779.3	0.1637	0.0224	ppm	1M11G7D	27L	22.14
66	1.4	1710.7	1779.3	0.1706	0.0260	ppm	1M13W7D	27L	22.32
66	3	1711.5	1778.5	0.1629	0.0207	ppm	2M76G7D	27L	22.12
66	3	1711.5	1778.5	0.1622	0.0211	ppm	2M77W7D	27L	22.10
66	5	1712.5	1777.5	0.1637	0.0227	ppm	4M56G7D	27L	22.14
66	5	1712.5	1777.5	0.1455	0.0215	ppm	4M58W7D	27L	21.63
66	10	1715	1775	0.1600	0.0217	ppm	9M09G7D	27L	22.04
66	10	1715	1775	0.1603	0.0103	ppm	9M10W7D	27L	22.05
66	15	1717.5	1772.5	0.1607	0.0279	ppm	13M6G7D	27L	22.06
66	15	1717.5	1772.5	0.1750	0.0162	ppm	13M6W7D	27L	22.43
66	20	1720	1770	0.1644	0.0211	ppm	18M2G7D	27L	22.16
66	20	1720	1770	0.1722	0.0222	ppm	18M2W7D	27L	22.36