

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

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	24.67	1.54	26.21	<=30	Pass
			2	24.69	1.54	26.23	<=30	Pass
			5	24.70	1.54	26.24	<=30	Pass
		3	0	24.96	1.54	26.50	<=30	Pass
			2	24.91	1.54	26.45	<=30	Pass
			3	24.98	1.54	26.52	<=30	Pass
		6	0	23.97	1.54	25.51	<=30	Pass
	1745	1	0	24.47	1.54	26.01	<=30	Pass
			2	24.43	1.54	25.97	<=30	Pass
			5	24.45	1.54	25.99	<=30	Pass
		3	0	24.77	1.54	26.31	<=30	Pass
			2	24.71	1.54	26.25	<=30	Pass
			3	24.75	1.54	26.29	<=30	Pass
		6	0	23.71	1.54	25.25	<=30	Pass
	1779.3	1	0	24.39	1.54	25.93	<=30	Pass
			2	24.36	1.54	25.90	<=30	Pass
			5	24.41	1.54	25.95	<=30	Pass
		3	0	24.64	1.54	26.18	<=30	Pass
			2	24.59	1.54	26.13	<=30	Pass
			3	24.71	1.54	26.25	<=30	Pass
		6	0	23.64	1.54	25.18	<=30	Pass
16QAM	1710.7	1	0	24.09	1.54	25.63	<=30	Pass
			2	24.07	1.54	25.61	<=30	Pass
			5	24.08	1.54	25.62	<=30	Pass
		3	0	24.17	1.54	25.71	<=30	Pass
			2	24.11	1.54	25.65	<=30	Pass
			3	24.19	1.54	25.73	<=30	Pass
		6	0	23.24	1.54	24.78	<=30	Pass
	1745	1	0	23.70	1.54	25.24	<=30	Pass
			2	23.67	1.54	25.21	<=30	Pass
			5	23.69	1.54	25.23	<=30	Pass
		3	0	24.21	1.54	25.75	<=30	Pass
			2	24.13	1.54	25.67	<=30	Pass
			3	24.16	1.54	25.70	<=30	Pass
		6	0	22.95	1.54	24.49	<=30	Pass
	1779.3	1	0	23.60	1.54	25.14	<=30	Pass
			2	23.60	1.54	25.14	<=30	Pass
			5	23.64	1.54	25.18	<=30	Pass
		3	0	23.92	1.54	25.46	<=30	Pass
			2	23.84	1.54	25.38	<=30	Pass
			3	23.90	1.54	25.44	<=30	Pass
		6	0	22.75	1.54	24.29	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	24.67	1.54	26.21	<=30	Pass
			7	24.67	1.54	26.21	<=30	Pass
			14	24.64	1.54	26.18	<=30	Pass
		8	0	24.13	1.54	25.67	<=30	Pass
			4	24.13	1.54	25.67	<=30	Pass
			7	24.13	1.54	25.67	<=30	Pass
		15	0	24.25	1.54	25.79	<=30	Pass
	1745	1	0	24.53	1.54	26.07	<=30	Pass
			7	24.44	1.54	25.98	<=30	Pass
			14	24.47	1.54	26.01	<=30	Pass
		8	0	23.98	1.54	25.52	<=30	Pass
			4	23.92	1.54	25.46	<=30	Pass
			7	23.95	1.54	25.49	<=30	Pass
		15	0	23.99	1.54	25.53	<=30	Pass
	1778.5	1	0	24.34	1.54	25.88	<=30	Pass
			7	24.32	1.54	25.86	<=30	Pass
			14	24.36	1.54	25.90	<=30	Pass
		8	0	23.85	1.54	25.39	<=30	Pass
			4	23.79	1.54	25.33	<=30	Pass
			7	23.84	1.54	25.38	<=30	Pass
		15	0	23.88	1.54	25.42	<=30	Pass
16QAM	1711.5	1	0	24.46	1.54	26.00	<=30	Pass
			7	24.34	1.54	25.88	<=30	Pass
			14	24.42	1.54	25.96	<=30	Pass
		8	0	23.48	1.54	25.02	<=30	Pass
			4	23.52	1.54	25.06	<=30	Pass
			7	23.52	1.54	25.06	<=30	Pass
		15	0	23.52	1.54	25.06	<=30	Pass
	1745	1	0	23.74	1.54	25.28	<=30	Pass
			7	23.66	1.54	25.20	<=30	Pass
			14	23.75	1.54	25.29	<=30	Pass
		8	0	23.24	1.54	24.78	<=30	Pass
			4	23.21	1.54	24.75	<=30	Pass
			7	23.20	1.54	24.74	<=30	Pass
		15	0	23.30	1.54	24.84	<=30	Pass
	1778.5	1	0	23.73	1.54	25.27	<=30	Pass
			7	23.70	1.54	25.24	<=30	Pass
			14	23.73	1.54	25.27	<=30	Pass
		8	0	23.02	1.54	24.56	<=30	Pass
			4	23.02	1.54	24.56	<=30	Pass
			7	23.02	1.54	24.56	<=30	Pass
		15	0	23.07	1.54	24.61	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B66_5MHz_EIRP

1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	1712.5	1	0	24.85	1.54	26.39	<=30	Pass	
			13	24.96	1.54	26.50	<=30	Pass	
			24	24.89	1.54	26.43	<=30	Pass	
		12	0	24.26	1.54	25.80	<=30	Pass	
			6	24.29	1.54	25.83	<=30	Pass	
			13	24.33	1.54	25.87	<=30	Pass	
		25	0	24.31	1.54	25.85	<=30	Pass	
		1745	1	0	24.65	1.54	26.19	<=30	Pass
				13	24.71	1.54	26.25	<=30	Pass
	24			24.63	1.54	26.17	<=30	Pass	
	12		0	24.09	1.54	25.63	<=30	Pass	
			6	24.07	1.54	25.61	<=30	Pass	
			13	24.09	1.54	25.63	<=30	Pass	
	25		0	24.11	1.54	25.65	<=30	Pass	
	1777.5		1	0	24.54	1.54	26.08	<=30	Pass
				13	24.61	1.54	26.15	<=30	Pass
		24		24.57	1.54	26.11	<=30	Pass	
		12	0	23.94	1.54	25.48	<=30	Pass	
			6	23.94	1.54	25.48	<=30	Pass	
			13	23.99	1.54	25.53	<=30	Pass	
		25	0	24.03	1.54	25.57	<=30	Pass	
16QAM		1712.5	1	0	24.37	1.54	25.91	<=30	Pass
				13	24.42	1.54	25.96	<=30	Pass
	24			24.35	1.54	25.89	<=30	Pass	
	12		0	23.54	1.54	25.08	<=30	Pass	
			6	23.57	1.54	25.11	<=30	Pass	
			13	23.64	1.54	25.18	<=30	Pass	
	25		0	23.61	1.54	25.15	<=30	Pass	
	1745		1	0	23.69	1.54	25.23	<=30	Pass
				13	23.79	1.54	25.33	<=30	Pass
		24		23.73	1.54	25.27	<=30	Pass	
		12	0	23.30	1.54	24.84	<=30	Pass	
			6	23.33	1.54	24.87	<=30	Pass	
			13	23.34	1.54	24.88	<=30	Pass	
		25	0	23.43	1.54	24.97	<=30	Pass	
		1777.5	1	0	23.82	1.54	25.36	<=30	Pass
				13	23.92	1.54	25.46	<=30	Pass
	24			23.87	1.54	25.41	<=30	Pass	
	12		0	23.18	1.54	24.72	<=30	Pass	
			6	23.17	1.54	24.71	<=30	Pass	
			13	23.26	1.54	24.80	<=30	Pass	
	25		0	23.31	1.54	24.85	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B66_10MHz_EIRP

1.4.1 Test Result

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	24.89	1.54	26.43	<=30	Pass
			25	24.88	1.54	26.42	<=30	Pass
			49	24.96	1.54	26.50	<=30	Pass
		25	0	24.24	1.54	25.78	<=30	Pass
			13	24.31	1.54	25.85	<=30	Pass
			25	24.37	1.54	25.91	<=30	Pass

16QAM	1745	1	50	0	24.41	1.54	25.95	<=30	Pass
			1	0	24.77	1.54	26.31	<=30	Pass
				25	24.69	1.54	26.23	<=30	Pass
				49	24.69	1.54	26.23	<=30	Pass
		25	25	0	24.13	1.54	25.67	<=30	Pass
				13	24.14	1.54	25.68	<=30	Pass
				25	24.17	1.54	25.71	<=30	Pass
		50	50	0	24.20	1.54	25.74	<=30	Pass
				0	24.67	1.54	26.21	<=30	Pass
				25	24.55	1.54	26.09	<=30	Pass
				49	24.60	1.54	26.14	<=30	Pass
	1775	1	1	0	23.99	1.54	25.53	<=30	Pass
				13	24.02	1.54	25.56	<=30	Pass
				25	24.05	1.54	25.59	<=30	Pass
		25	25	0	24.11	1.54	25.65	<=30	Pass
				0	24.16	1.54	25.70	<=30	Pass
				25	24.06	1.54	25.60	<=30	Pass
		25	25	49	24.15	1.54	25.69	<=30	Pass
				0	23.60	1.54	25.14	<=30	Pass
				13	23.68	1.54	25.22	<=30	Pass
		50	50	25	23.74	1.54	25.28	<=30	Pass
				0	23.64	1.54	25.18	<=30	Pass
				0	24.10	1.54	25.64	<=30	Pass
	1745	1	1	25	24.03	1.54	25.57	<=30	Pass
				49	24.07	1.54	25.61	<=30	Pass
				0	23.41	1.54	24.95	<=30	Pass
		25	25	13	23.43	1.54	24.97	<=30	Pass
				25	23.44	1.54	24.98	<=30	Pass
		50	50	0	23.44	1.54	24.98	<=30	Pass
				0	24.18	1.54	25.72	<=30	Pass
				25	24.23	1.54	25.77	<=30	Pass
		1	1	49	24.29	1.54	25.83	<=30	Pass
				0	23.31	1.54	24.85	<=30	Pass
				13	23.32	1.54	24.86	<=30	Pass
		25	25	25	23.38	1.54	24.92	<=30	Pass
				0	23.37	1.54	24.91	<=30	Pass
				0	23.37	1.54	24.91	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B66_15MHz_EIRP

1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	24.88	1.54	26.42	<=30	Pass
			38	24.91	1.54	26.45	<=30	Pass
			74	24.93	1.54	26.47	<=30	Pass
		36	0	24.16	1.54	25.70	<=30	Pass
			18	24.21	1.54	25.75	<=30	Pass
			39	24.33	1.54	25.87	<=30	Pass
		75	0	24.25	1.54	25.79	<=30	Pass
			0	24.80	1.54	26.34	<=30	Pass
			38	24.69	1.54	26.23	<=30	Pass
	1745	1	74	24.66	1.54	26.20	<=30	Pass
			0	24.10	1.54	25.64	<=30	Pass
		36	18	24.01	1.54	25.55	<=30	Pass

			39	24.03	1.54	25.57	<=30	Pass
		75	0	24.10	1.54	25.64	<=30	Pass
	1772.5	1	0	24.72	1.54	26.26	<=30	Pass
			38	24.64	1.54	26.18	<=30	Pass
			74	24.65	1.54	26.19	<=30	Pass
			0	24.10	1.54	25.64	<=30	Pass
		36	18	23.99	1.54	25.53	<=30	Pass
			39	23.99	1.54	25.53	<=30	Pass
			75	0	24.05	1.54	25.59	<=30
16QAM	1717.5	1	0	24.33	1.54	25.87	<=30	Pass
			38	24.28	1.54	25.82	<=30	Pass
			74	24.30	1.54	25.84	<=30	Pass
		36	0	23.41	1.54	24.95	<=30	Pass
			18	23.41	1.54	24.95	<=30	Pass
			39	23.53	1.54	25.07	<=30	Pass
			75	0	23.49	1.54	25.03	<=30
		1745	1	0	24.49	1.54	26.03	<=30
	38			24.40	1.54	25.94	<=30	Pass
	74			24.44	1.54	25.98	<=30	Pass
	36		0	23.31	1.54	24.85	<=30	Pass
			18	23.29	1.54	24.83	<=30	Pass
			39	23.28	1.54	24.82	<=30	Pass
			75	0	23.33	1.54	24.87	<=30
	1772.5		1	0	24.03	1.54	25.57	<=30
		38		24.09	1.54	25.63	<=30	Pass
		74		24.20	1.54	25.74	<=30	Pass
		36	0	23.22	1.54	24.76	<=30	Pass
			18	23.12	1.54	24.66	<=30	Pass
			39	23.17	1.54	24.71	<=30	Pass
			75	0	23.20	1.54	24.74	<=30
	Note1: EIRP=Conducted Power+Antenna Gain							

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	24.78	1.54	26.32	<=30	Pass
			50	24.85	1.54	26.39	<=30	Pass
			99	24.80	1.54	26.34	<=30	Pass
		50	0	24.27	1.54	25.81	<=30	Pass
			25	24.38	1.54	25.92	<=30	Pass
			50	24.41	1.54	25.95	<=30	Pass
		100	0	24.31	1.54	25.85	<=30	Pass
	1745	1	0	24.72	1.54	26.26	<=30	Pass
			50	24.69	1.54	26.23	<=30	Pass
			99	24.60	1.54	26.14	<=30	Pass
		50	0	24.22	1.54	25.76	<=30	Pass
			25	24.22	1.54	25.76	<=30	Pass
			50	24.23	1.54	25.77	<=30	Pass
		100	0	24.20	1.54	25.74	<=30	Pass
	1770	1	0	24.50	1.54	26.04	<=30	Pass
			50	24.61	1.54	26.15	<=30	Pass
			99	24.52	1.54	26.06	<=30	Pass
		50	0	24.06	1.54	25.60	<=30	Pass

16QAM	1720	100	25	24.03	1.54	25.57	<=30	Pass
			50	24.05	1.54	25.59	<=30	Pass
			0	24.05	1.54	25.59	<=30	Pass
		1	0	24.55	1.54	26.09	<=30	Pass
			50	24.62	1.54	26.16	<=30	Pass
			99	24.49	1.54	26.03	<=30	Pass
		50	0	23.50	1.54	25.04	<=30	Pass
			25	23.61	1.54	25.15	<=30	Pass
			50	23.66	1.54	25.20	<=30	Pass
		100	0	23.58	1.54	25.12	<=30	Pass
	1745	1	0	24.08	1.54	25.62	<=30	Pass
			50	24.11	1.54	25.65	<=30	Pass
			99	23.99	1.54	25.53	<=30	Pass
		50	0	23.47	1.54	25.01	<=30	Pass
			25	23.46	1.54	25.00	<=30	Pass
			50	23.50	1.54	25.04	<=30	Pass
		100	0	23.48	1.54	25.02	<=30	Pass
	1770	1	0	23.90	1.54	25.44	<=30	Pass
			50	23.99	1.54	25.53	<=30	Pass
			99	23.98	1.54	25.52	<=30	Pass
		50	0	23.26	1.54	24.80	<=30	Pass
			25	23.22	1.54	24.76	<=30	Pass
			50	23.27	1.54	24.81	<=30	Pass
		100	0	23.29	1.54	24.83	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

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	-1.574	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
					4.43	-17.066	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	6.223	0.0036	-2.5 to 2.5	Pass
				-10	3.85	12.574	0.0074	-2.5 to 2.5	Pass
				0	3.85	4.892	0.0029	-2.5 to 2.5	Pass
				10	3.85	-12.231	-0.0071	-2.5 to 2.5	Pass
				30	3.85	8.969	0.0052	-2.5 to 2.5	Pass
				40	3.85	-18.082	-0.0106	-2.5 to 2.5	Pass
				50	3.85	6.280	0.0037	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-7.968	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
					4.43	-6.695	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	11.902	0.0068	-2.5 to 2.5	Pass
				-20	3.85	3.562	0.0020	-2.5 to 2.5	Pass
				-10	3.85	13.075	0.0075	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-10.328	-0.0059	-2.5 to 2.5	Pass
				30	3.85	11.458	0.0066	-2.5 to 2.5	Pass
				40	3.85	16.708	0.0096	-2.5 to 2.5	Pass

	1779.3	6	0	50	3.85	-12.331	-0.0071	-2.5 to 2.5	Pass
				20	3.27	-3.204	-0.0018	-2.5 to 2.5	Pass
					3.85	1.359	0.0008	-2.5 to 2.5	Pass
					4.43	1.316	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-12.331	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	8.783	0.0049	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-12.989	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-11.601	-0.0065	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	40	3.85	9.398	0.0053	-2.5 to 2.5	Pass
				50	3.85	-10.085	-0.0057	-2.5 to 2.5	Pass
				20	3.27	-18.983	-0.0111	-2.5 to 2.5	Pass
					3.85	-14.119	-0.0083	-2.5 to 2.5	Pass
					4.43	-16.809	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-16.880	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-10	3.85	11.301	0.0066	-2.5 to 2.5	Pass
				0	3.85	-18.439	-0.0108	-2.5 to 2.5	Pass
				10	3.85	11.301	0.0066	-2.5 to 2.5	Pass
	1745	6	0	30	3.85	-19.169	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-14.977	-0.0088	-2.5 to 2.5	Pass
				20	3.27	-13.247	-0.0076	-2.5 to 2.5	Pass
					3.85	-14.791	-0.0085	-2.5 to 2.5	Pass
					4.43	-12.445	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	15.206	0.0087	-2.5 to 2.5	Pass
				-20	3.85	11.745	0.0067	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				0	3.85	9.313	0.0053	-2.5 to 2.5	Pass
	1779.3	6	0	10	3.85	14.620	0.0084	-2.5 to 2.5	Pass
				30	3.85	2.990	0.0017	-2.5 to 2.5	Pass
				40	3.85	-11.816	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-13.161	-0.0075	-2.5 to 2.5	Pass
				20	3.27	14.949	0.0084	-2.5 to 2.5	Pass
					3.85	11.115	0.0062	-2.5 to 2.5	Pass
					4.43	-13.533	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	10.214	0.0057	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	7.539	0.0042	-2.5 to 2.5	Pass
				0	3.85	10.257	0.0058	-2.5 to 2.5	Pass
				10	3.85	12.918	0.0073	-2.5 to 2.5	Pass
				30	3.85	-14.706	-0.0083	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				50	3.85	8.225	0.0046	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

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	-13.061	-0.0076	-2.5 to 2.5	Pass
					3.85	0.944	0.0006	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass

				-20	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				0	3.85	7.310	0.0043	-2.5 to 2.5	Pass
				10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				30	3.85	-13.490	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-10.171	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-7.482	-0.0043	-2.5 to 2.5	Pass
					3.85	-18.239	-0.0105	-2.5 to 2.5	Pass
					4.43	-8.183	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	15.235	0.0087	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-15.721	-0.0090	-2.5 to 2.5	Pass
				0	3.85	11.201	0.0064	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				30	3.85	6.566	0.0038	-2.5 to 2.5	Pass
				40	3.85	5.207	0.0030	-2.5 to 2.5	Pass
				50	3.85	12.417	0.0071	-2.5 to 2.5	Pass
				20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-16.866	-0.0095	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0021	-2.5 to 2.5	Pass
	1778.5	15	0	-30	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-15.049	-0.0085	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.048	0.0023	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	6.208	0.0036	-2.5 to 2.5	Pass
					3.85	11.215	0.0066	-2.5 to 2.5	Pass
					4.43	10.529	0.0062	-2.5 to 2.5	Pass
				-30	3.85	10.529	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-9.055	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				30	3.85	5.736	0.0034	-2.5 to 2.5	Pass
				40	3.85	-10.242	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-16.794	-0.0098	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-10.185	-0.0058	-2.5 to 2.5	Pass
					3.85	-10.786	-0.0062	-2.5 to 2.5	Pass
					4.43	15.335	0.0088	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	7.610	0.0044	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				10	3.85	12.374	0.0071	-2.5 to 2.5	Pass
				30	3.85	16.365	0.0094	-2.5 to 2.5	Pass
				40	3.85	6.423	0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-12.445	-0.0070	-2.5 to 2.5	Pass
					3.85	-17.180	-0.0097	-2.5 to 2.5	Pass
					4.43	-18.439	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-12.202	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-14.091	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass

				30	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-15.206	-0.0085	-2.5 to 2.5	Pass
				50	3.85	13.304	0.0075	-2.5 to 2.5	Pass

2.3 B66_5MHz

2.3.1 Test Result

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	-8.969	-0.0052	-2.5 to 2.5	Pass
					3.85	7.367	0.0043	-2.5 to 2.5	Pass
					4.43	-12.488	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0045	-2.5 to 2.5	Pass
				-20	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				0	3.85	4.249	0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0011	-2.5 to 2.5	Pass
	50	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	3.290	0.0019	-2.5 to 2.5	Pass
					3.85	-10.214	-0.0059	-2.5 to 2.5	Pass
					4.43	5.093	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-13.132	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
				0	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
	50	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass			
	1777.5	25	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	2.317	0.0013	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-13.103	-0.0074	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	4.106	0.0023	-2.5 to 2.5	Pass
40				3.85	-7.625	-0.0043	-2.5 to 2.5	Pass	
50	3.85	3.061	0.0017	-2.5 to 2.5	Pass				
16QAM	1712.5	25	0	20	3.27	-6.294	-0.0037	-2.5 to 2.5	Pass
					3.85	3.805	0.0022	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	5.050	0.0029	-2.5 to 2.5	Pass
				-10	3.85	11.387	0.0066	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				40	3.85	8.926	0.0052	-2.5 to 2.5	Pass
	50	3.85	-11.601	-0.0068	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	0.930	0.0005	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0011	-2.5 to 2.5	Pass

					4.43	6.423	0.0037	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				50	3.85	9.699	0.0056	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	5.436	0.0031	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	2.317	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.606	0.0026	-2.5 to 2.5	Pass
				-10	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	8.183	0.0046	-2.5 to 2.5	Pass
				30	3.85	5.465	0.0031	-2.5 to 2.5	Pass
				40	3.85	-11.587	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass

2.4 B66_10MHz

2.4.1 Test Result

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	2.031	0.0012	-2.5 to 2.5	Pass
					3.85	0.930	0.0005	-2.5 to 2.5	Pass
					4.43	0.715	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				-10	3.85	5.937	0.0035	-2.5 to 2.5	Pass
				0	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				50	3.85	3.018	0.0018	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-1.345	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				0	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-1.287	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.259	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0010	-2.5 to 2.5	Pass

16QAM				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0005	-2.5 to 2.5	Pass
	1715	50	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
					4.43	2.203	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				50	3.85	4.106	0.0024	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
					4.43	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	3.905	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				0	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.862	-0.0022	-2.5 to 2.5	Pass
					3.85	3.276	0.0018	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				-10	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				0	3.85	4.635	0.0026	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0021	-2.5 to 2.5	Pass

2.5 B66_15MHz

2.5.1 Test Result

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	-2.074	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-4.306	-0.0025	-2.5 to 2.5	Pass

					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				0	3.85	5.021	0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				40	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				50	3.85	4.621	0.0026	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				4.43	-2.904	-0.0016	-2.5 to 2.5	Pass	
				-30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-7.324	-0.0041	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0005	-2.5 to 2.5	Pass
50	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass				
16QAM	1717.5	75	0	20	3.27	-1.945	-0.0011	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
				4.43	-1.087	-0.0006	-2.5 to 2.5	Pass	
				-30	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				0	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0012	-2.5 to 2.5	Pass
	50	3.85	0.100	0.0001	-2.5 to 2.5	Pass			
	1745	75	0	20	3.27	0.873	0.0005	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				4.43	-2.174	-0.0012	-2.5 to 2.5	Pass	
				-30	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass			
	1772.5	75	0	20	3.27	-2.017	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				4.43	-2.532	-0.0014	-2.5 to 2.5	Pass	
				-30	3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0029	-2.5 to 2.5	Pass
30				3.85	-3.777	-0.0021	-2.5 to 2.5	Pass	
40				3.85	-5.593	-0.0032	-2.5 to 2.5	Pass	
50	3.85	-9.212	-0.0052	-2.5 to 2.5	Pass				

2.6 B66_20MHz

2.6.1 Test Result

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	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	3.862	0.0022	-2.5 to 2.5	Pass
					4.43	-7.997	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-11.001	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	5.822	0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				50	3.85	2.947	0.0017	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.304	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	4.992	0.0028	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				10	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				30	3.85	5.779	0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	6.809	0.0039	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	3.977	0.0023	-2.5 to 2.5	Pass

				50	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				20	3.27	4.220	0.0024	-2.5 to 2.5	Pass
					3.85	1.688	0.0010	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				30	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass

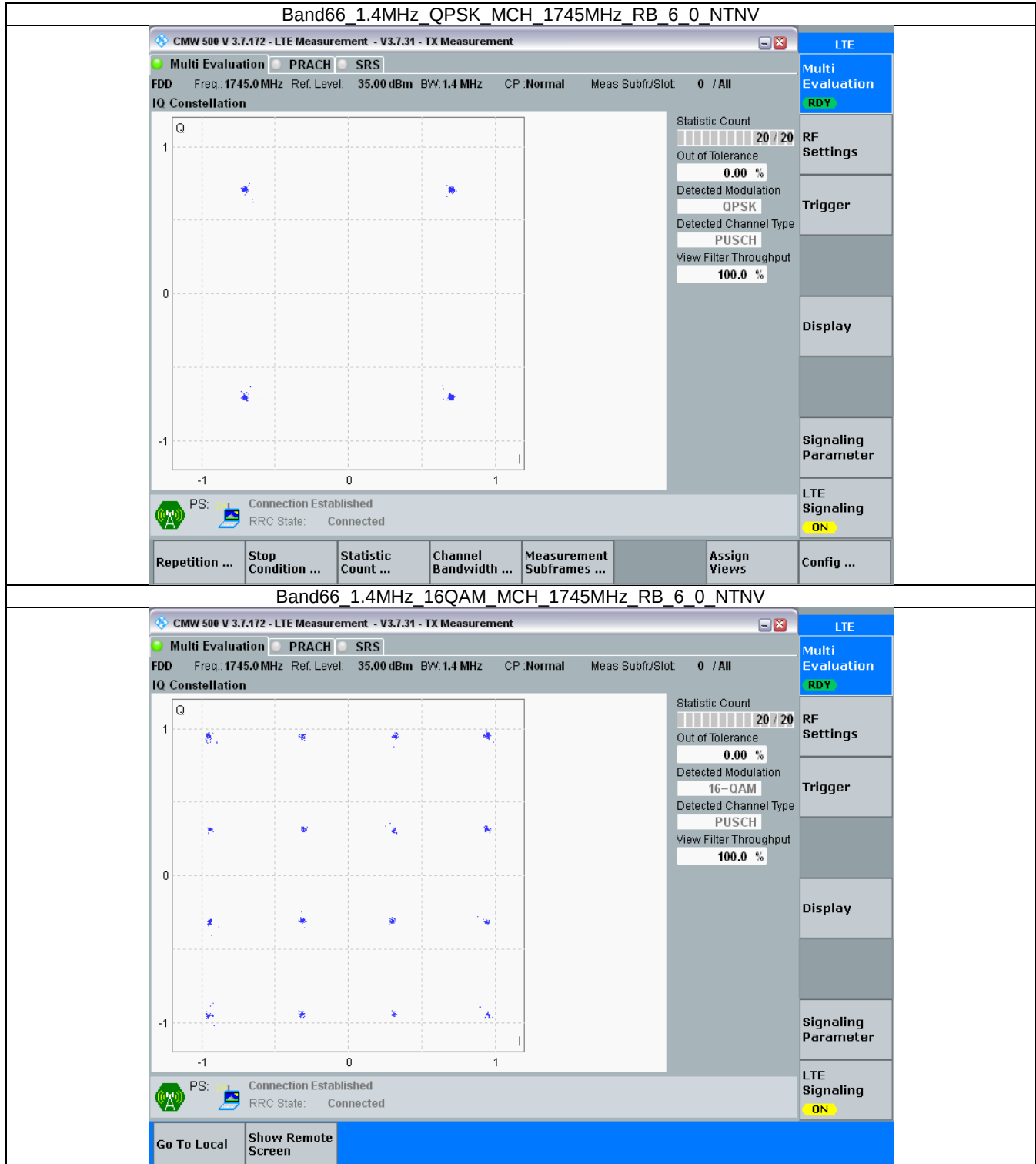
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

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 Test Graph

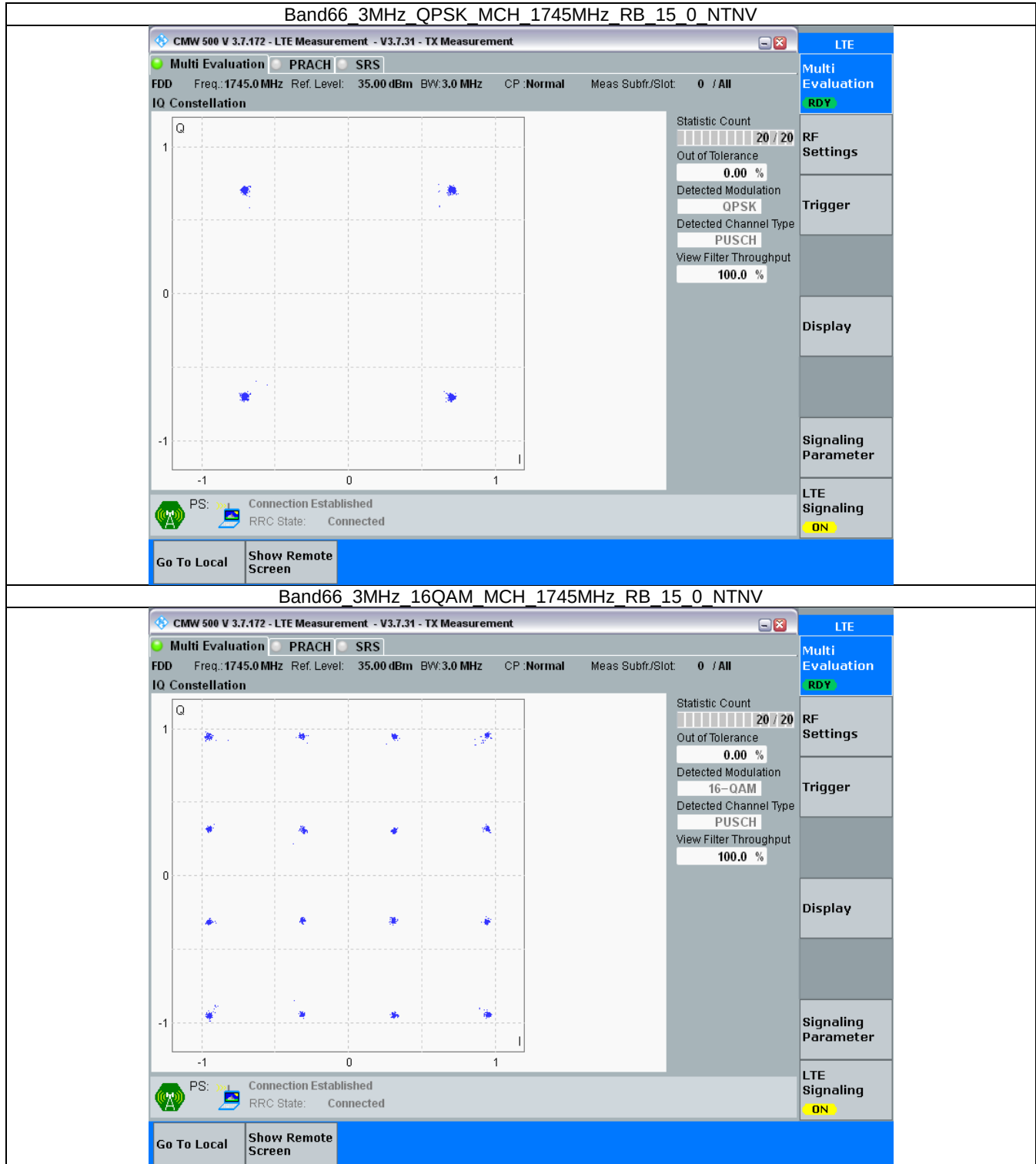


3.2 B66_3MHz

3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
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

3.2.2 Test Graph

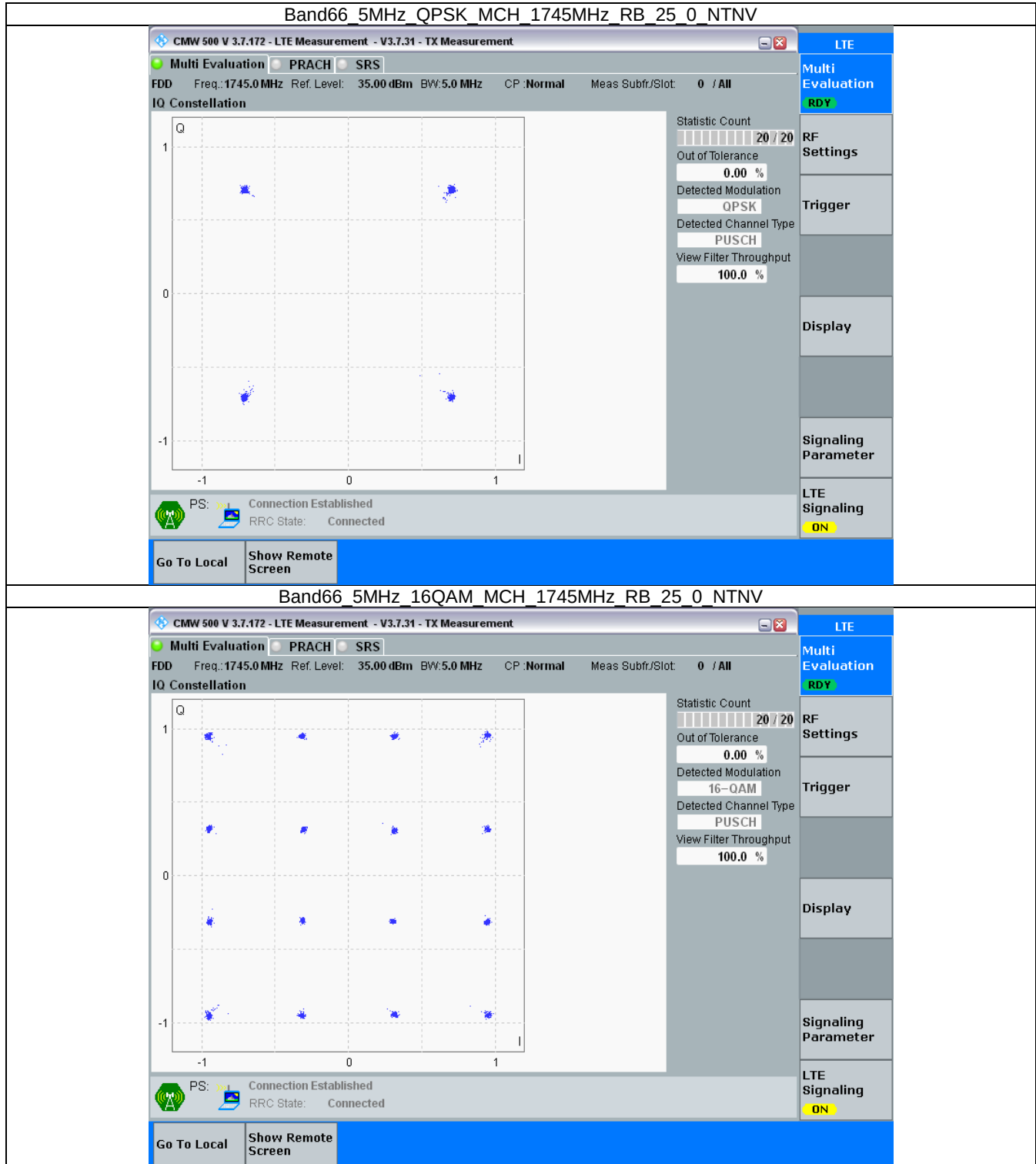


3.3 B66_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

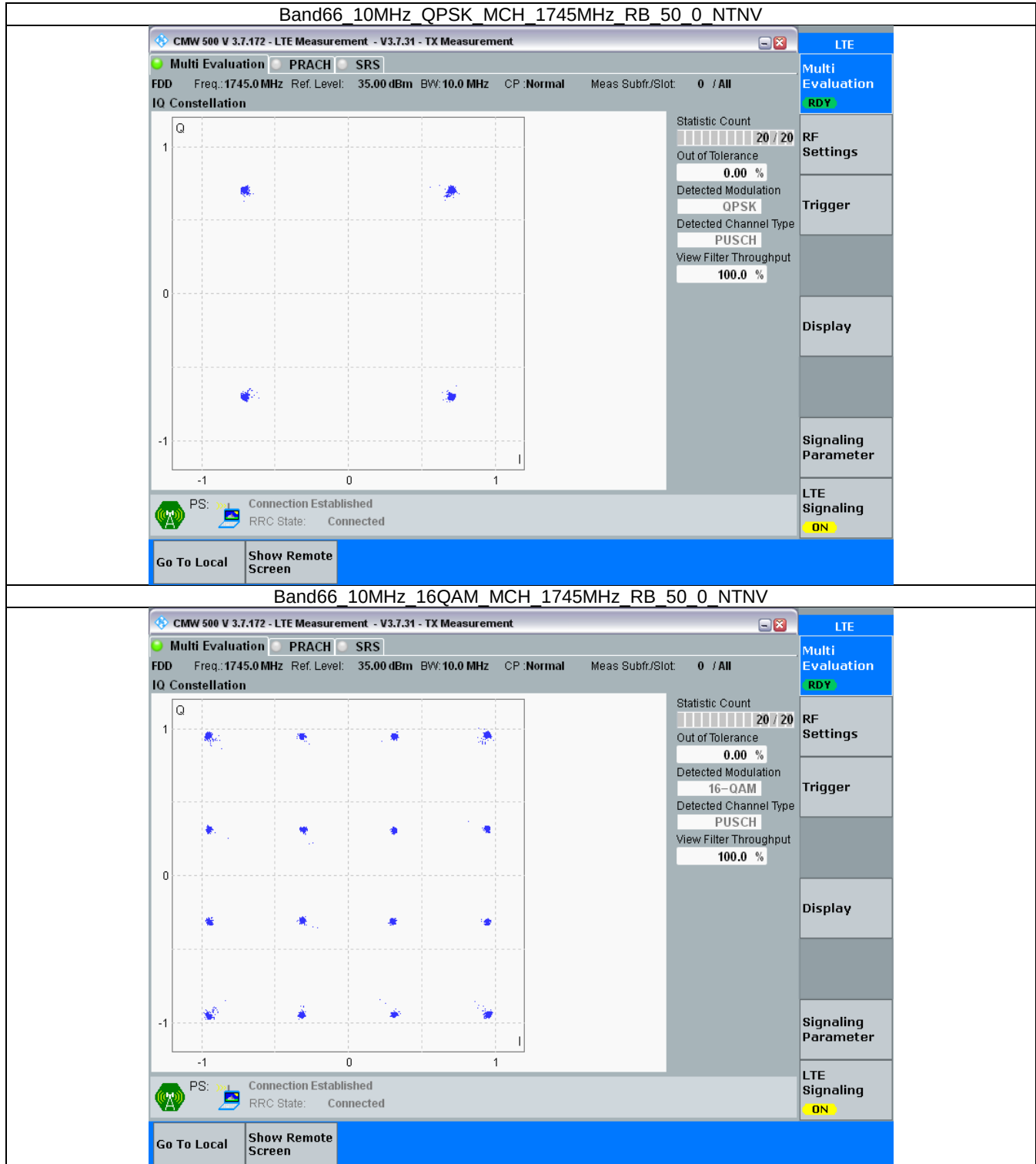


3.4 B66_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

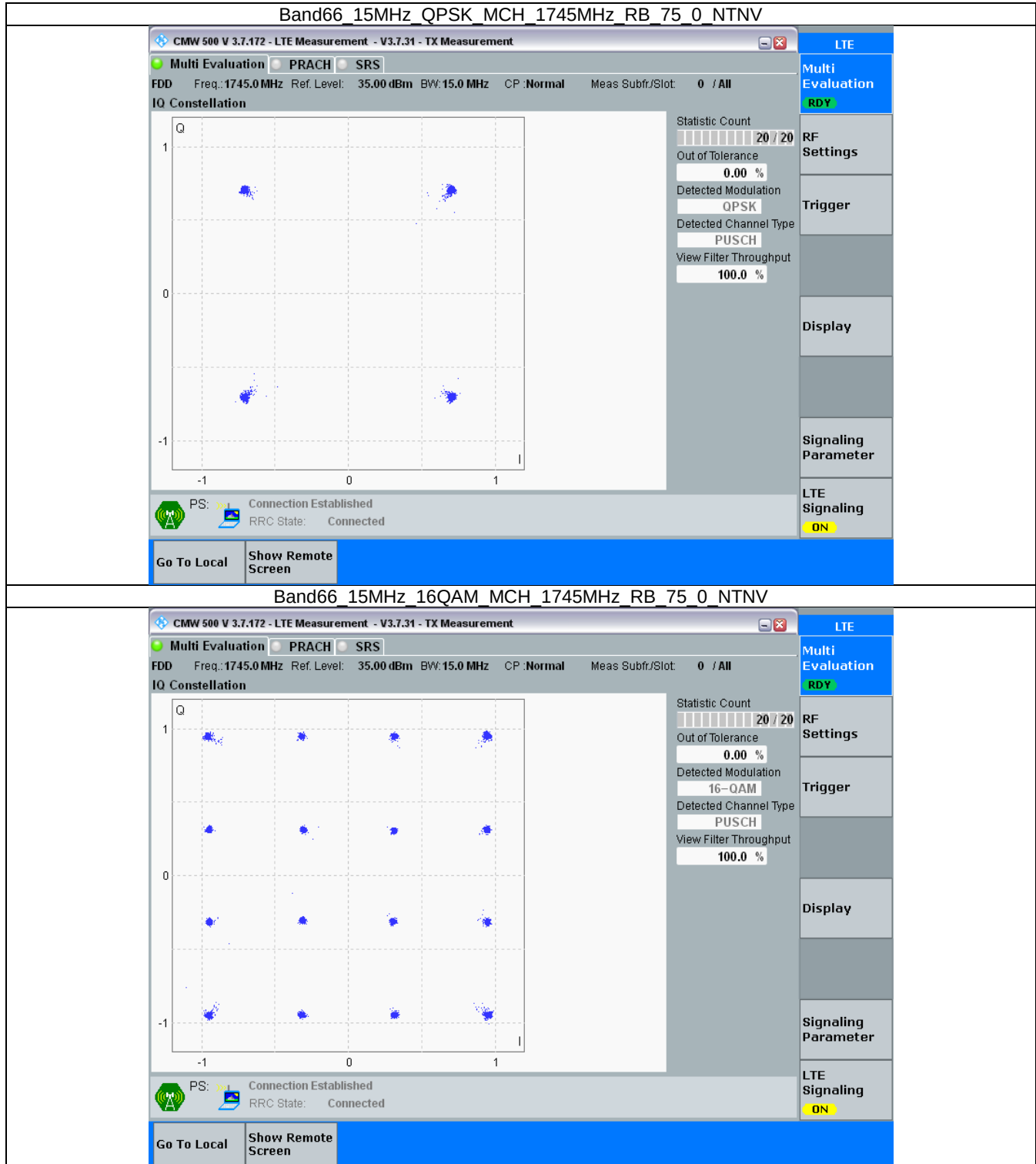


3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
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

3.5.2 Test Graph

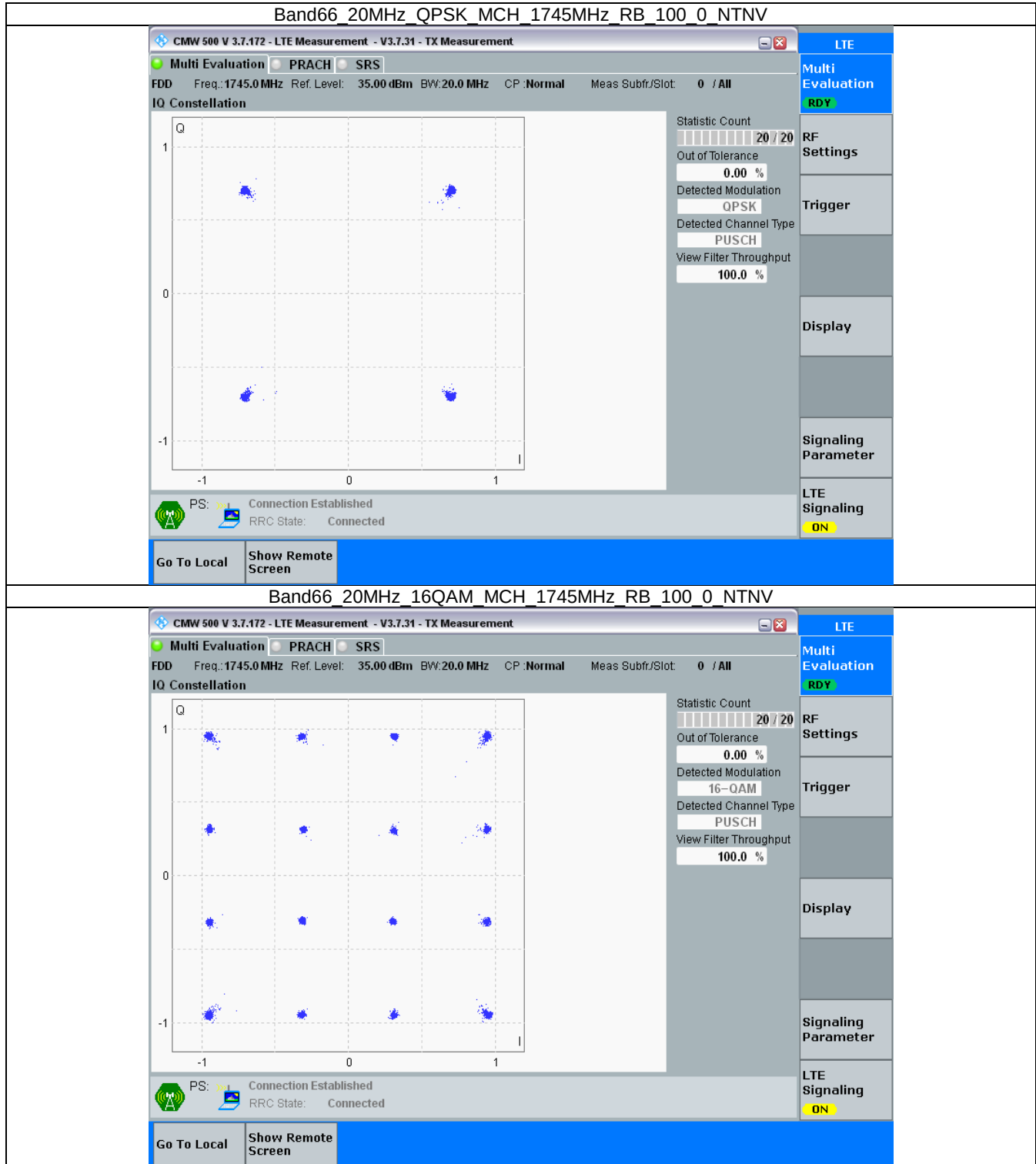


3.6 B66_20MHz

3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
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

3.6.2 Test Graph



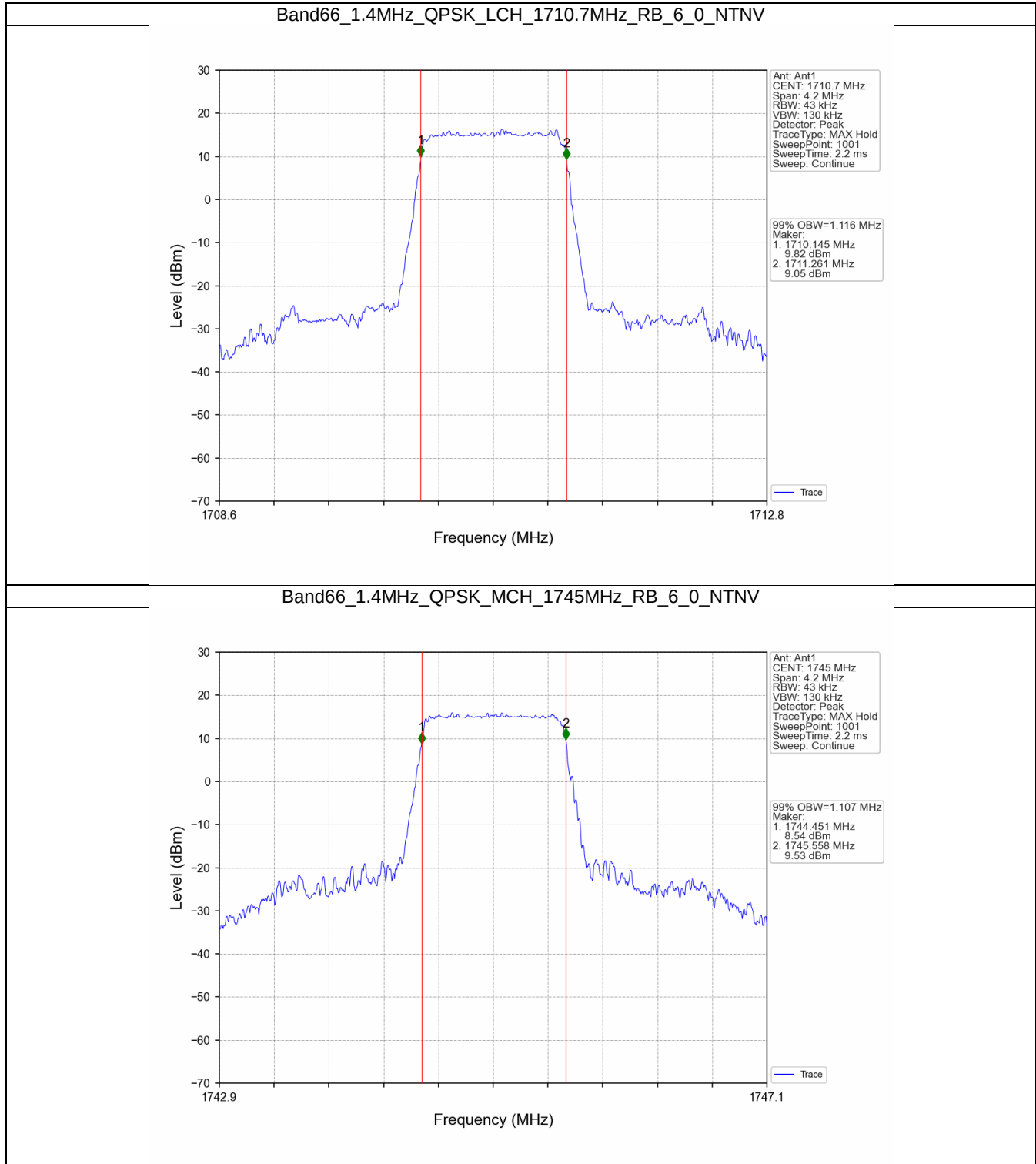
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

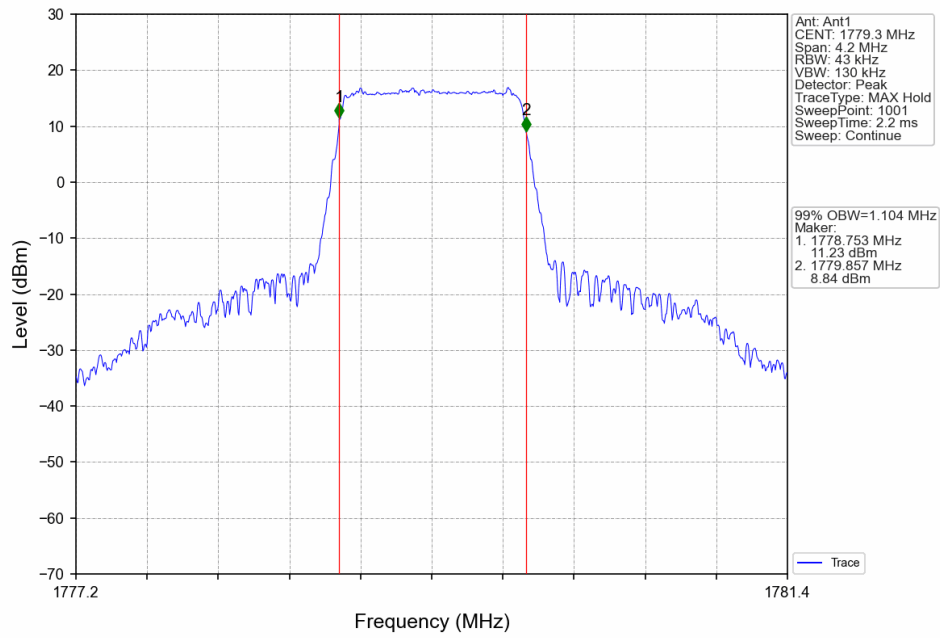
4.1.1 Test Result

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	1.116	/	Pass
		1745	6	0	1.107	/	Pass
		1779.3	6	0	1.104	/	Pass
	16QAM	1710.7	6	0	1.114	/	Pass
		1745	6	0	1.102	/	Pass
		1779.3	6	0	1.119	/	Pass
3	QPSK	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.726	/	Pass
		1778.5	15	0	2.727	/	Pass
	16QAM	1711.5	15	0	2.720	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.720	/	Pass
5	QPSK	1712.5	25	0	4.532	/	Pass
		1745	25	0	4.545	/	Pass
		1777.5	25	0	4.566	/	Pass
	16QAM	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.553	/	Pass
		1777.5	25	0	4.542	/	Pass
10	QPSK	1715	50	0	9.013	/	Pass
		1745	50	0	9.037	/	Pass
		1775	50	0	9.097	/	Pass
	16QAM	1715	50	0	9.041	/	Pass
		1745	50	0	9.042	/	Pass
		1775	50	0	9.054	/	Pass
15	QPSK	1717.5	75	0	13.565	/	Pass
		1745	75	0	13.610	/	Pass
		1772.5	75	0	13.638	/	Pass
	16QAM	1717.5	75	0	13.568	/	Pass
		1745	75	0	13.624	/	Pass
		1772.5	75	0	13.661	/	Pass
20	QPSK	1720	100	0	18.097	/	Pass
		1745	100	0	18.057	/	Pass
		1770	100	0	18.131	/	Pass
	16QAM	1720	100	0	18.115	/	Pass
		1745	100	0	18.113	/	Pass
		1770	100	0	18.112	/	Pass

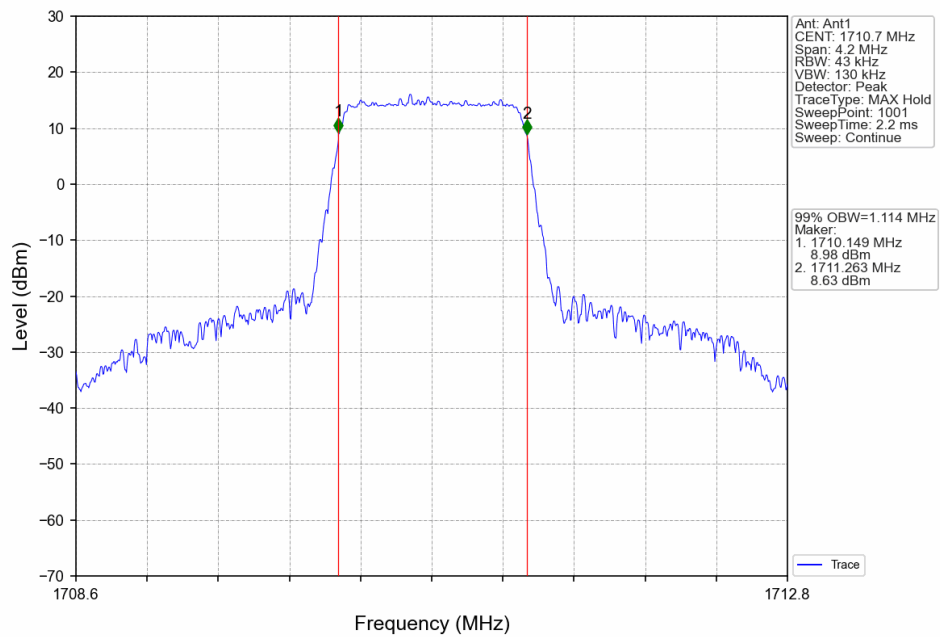
4.1.2 Test Graph



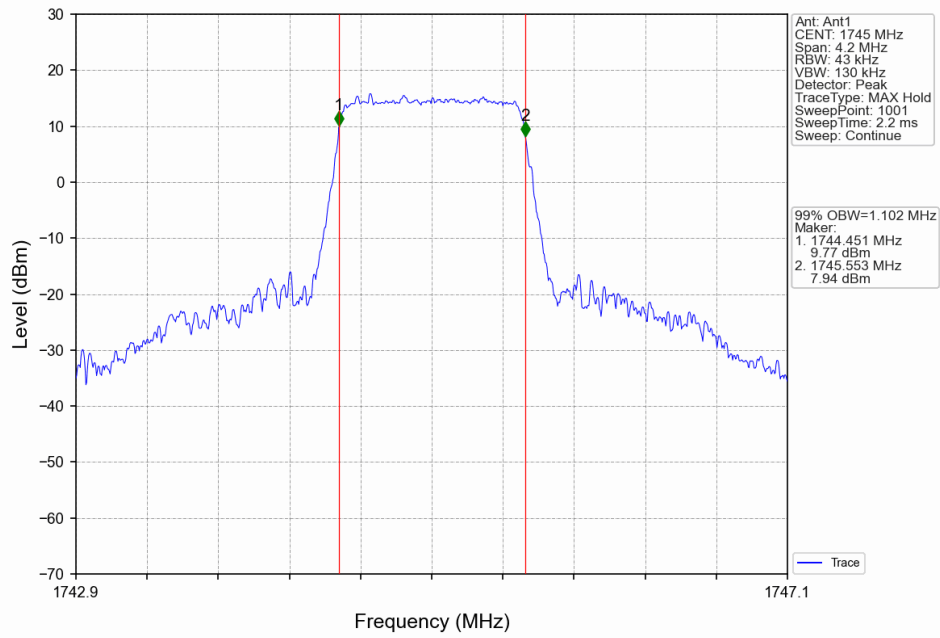
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



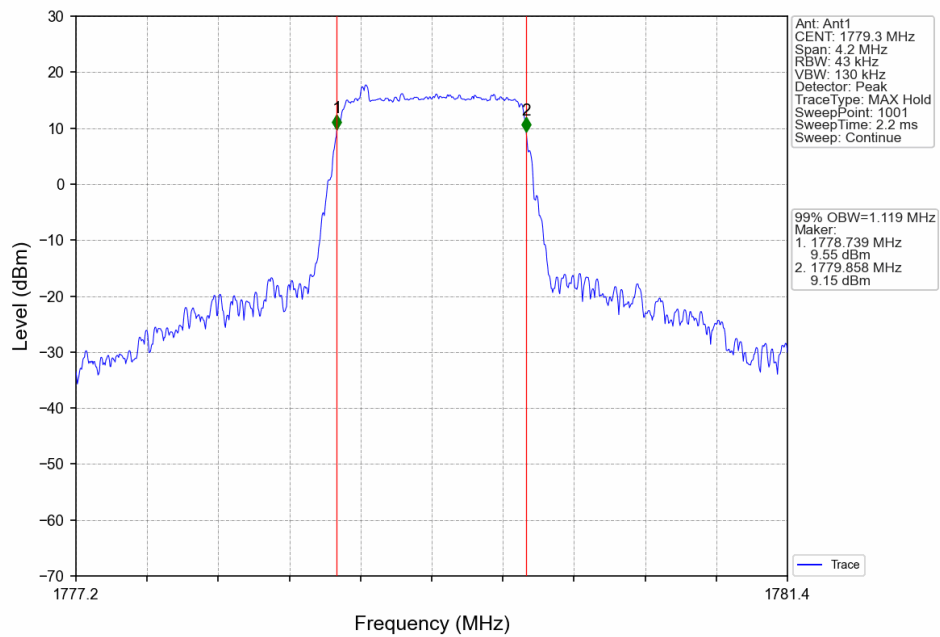
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



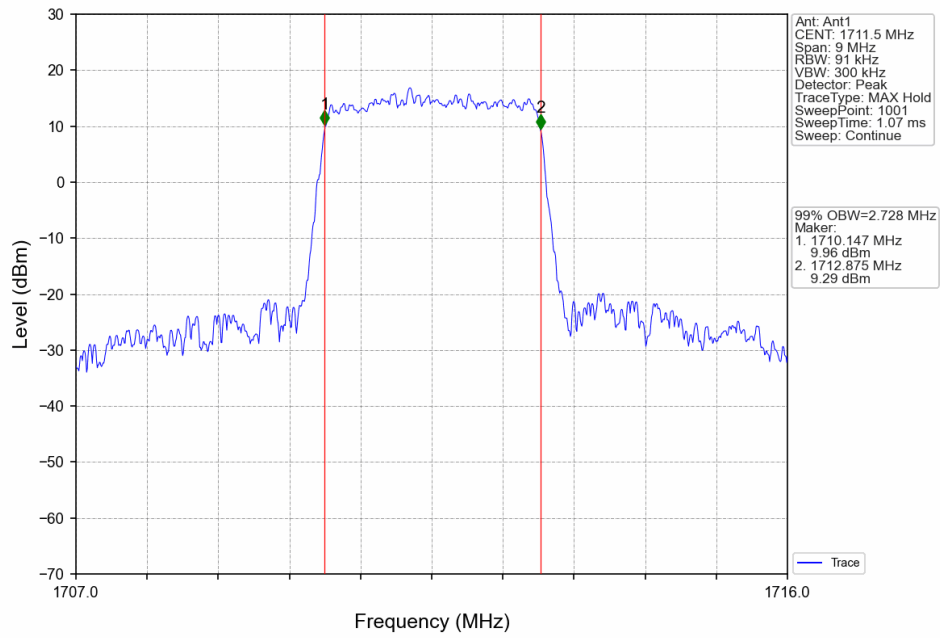
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



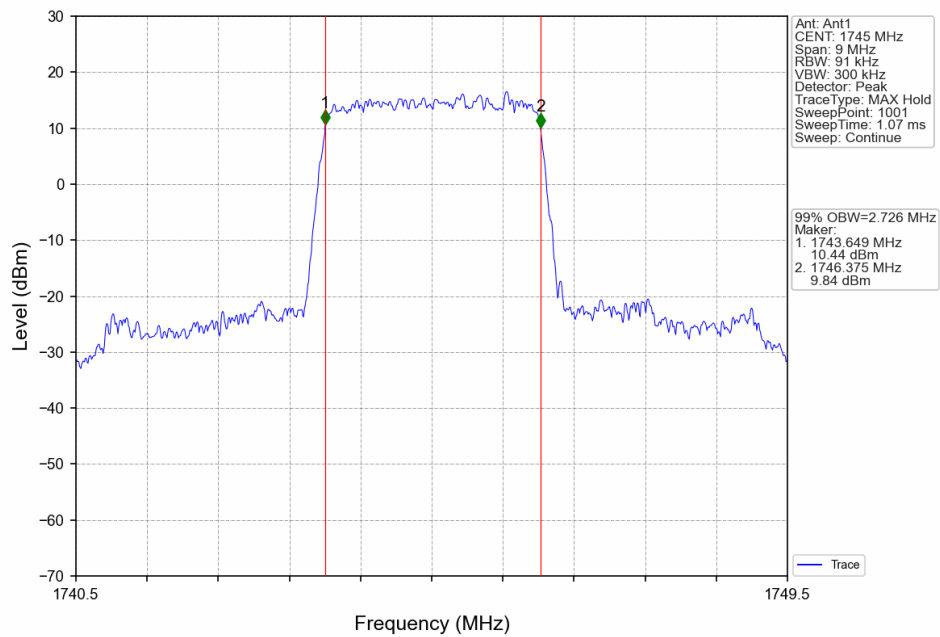
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



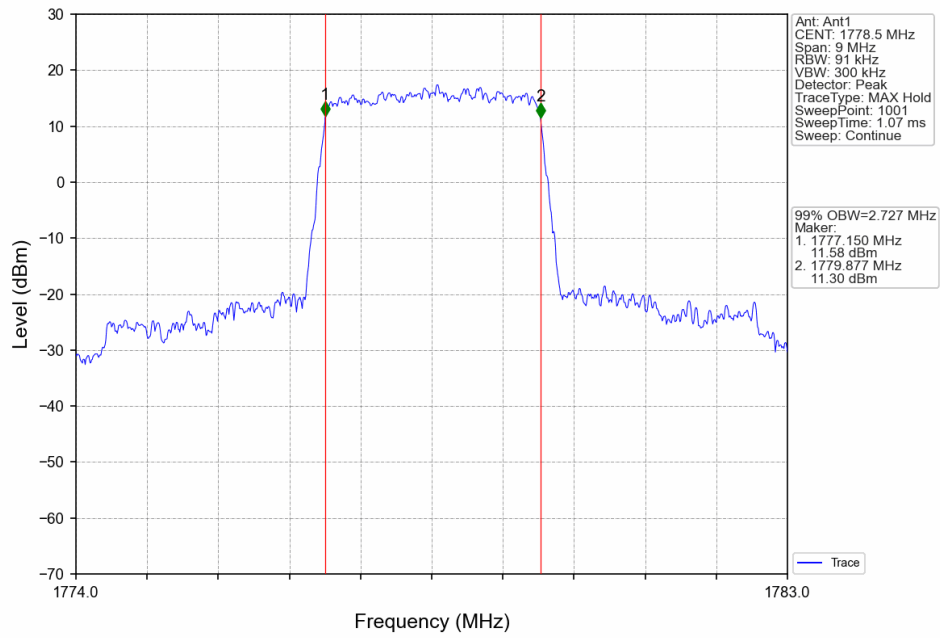
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



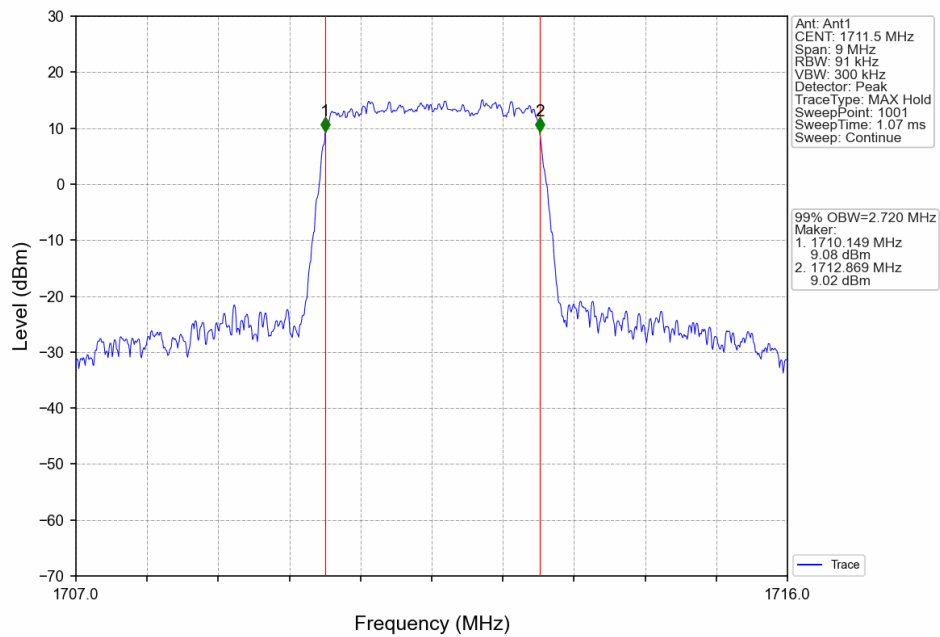
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



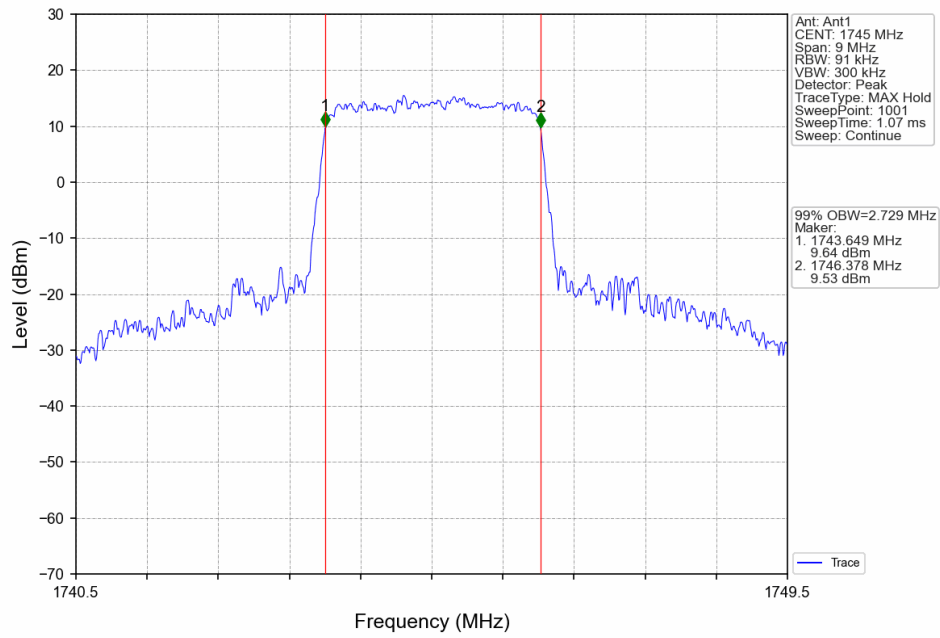
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



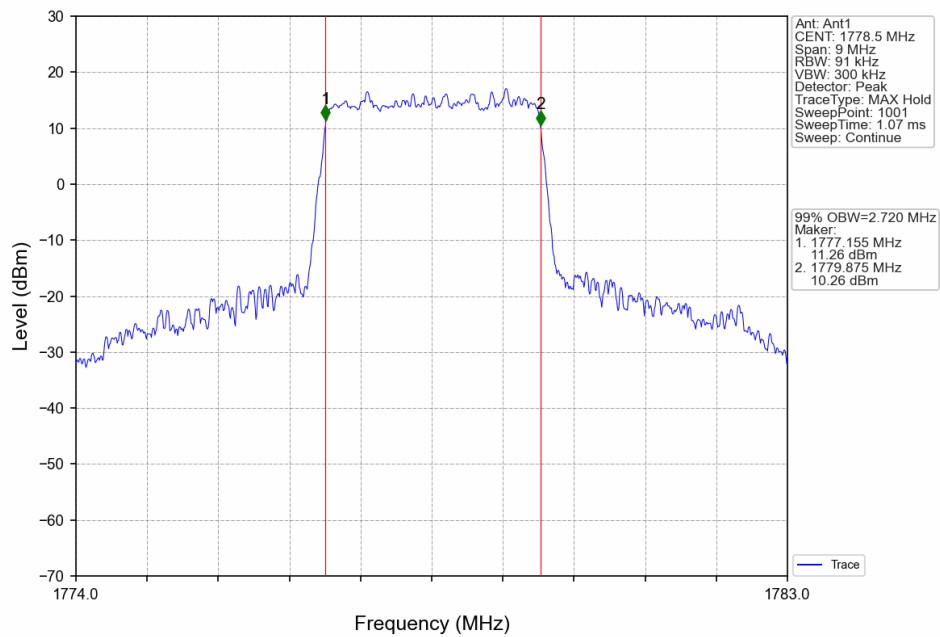
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



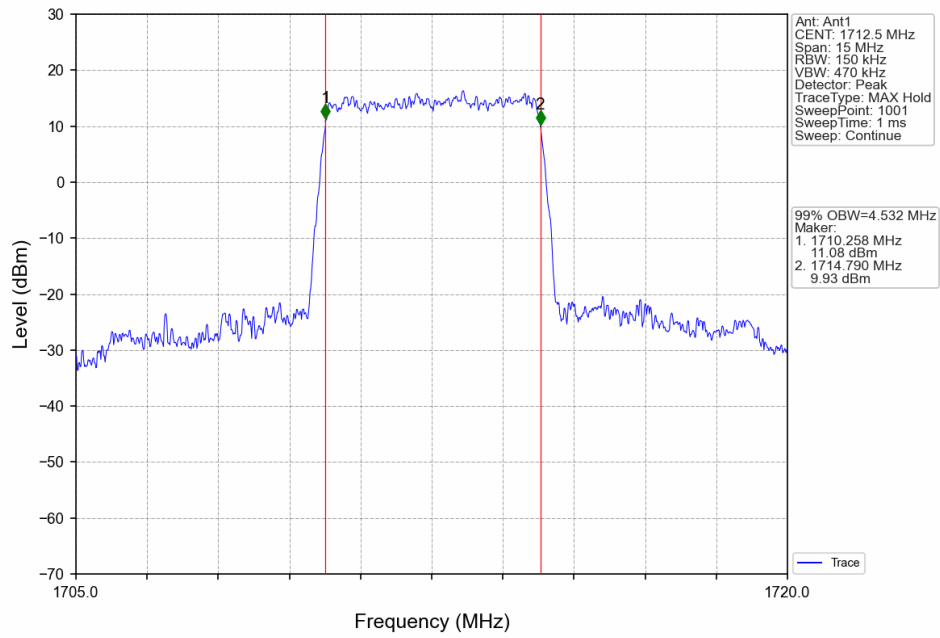
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



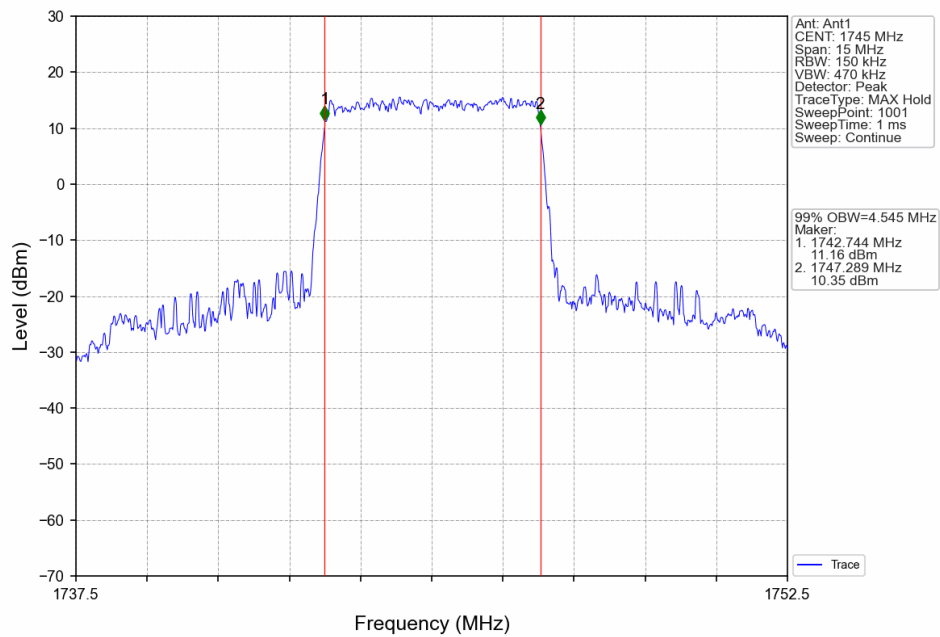
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



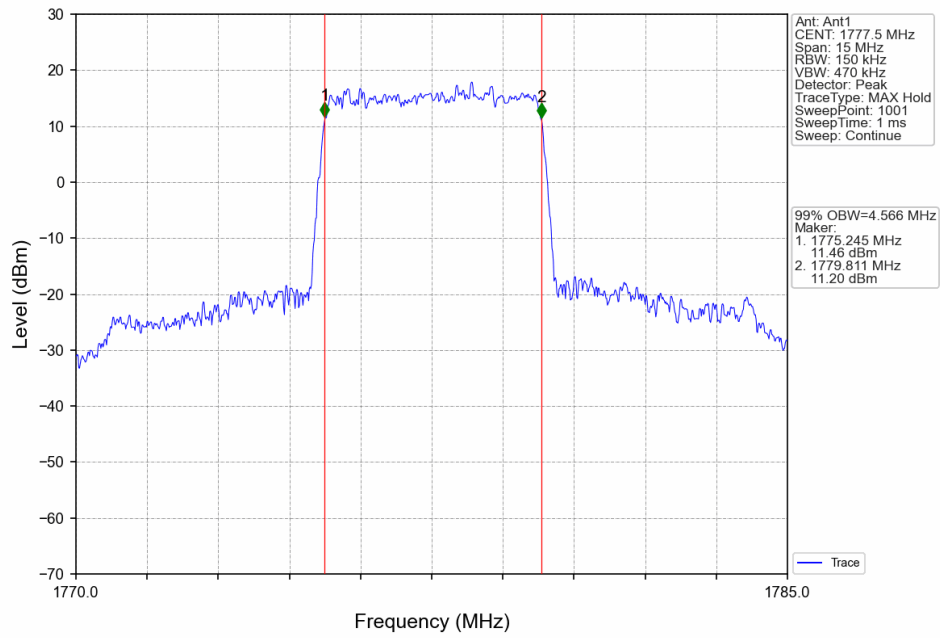
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



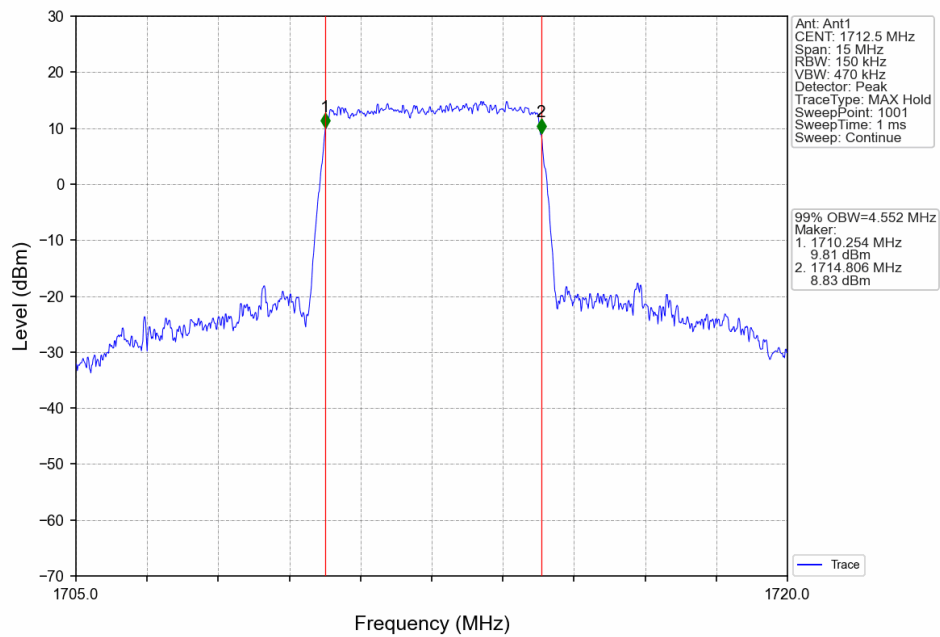
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



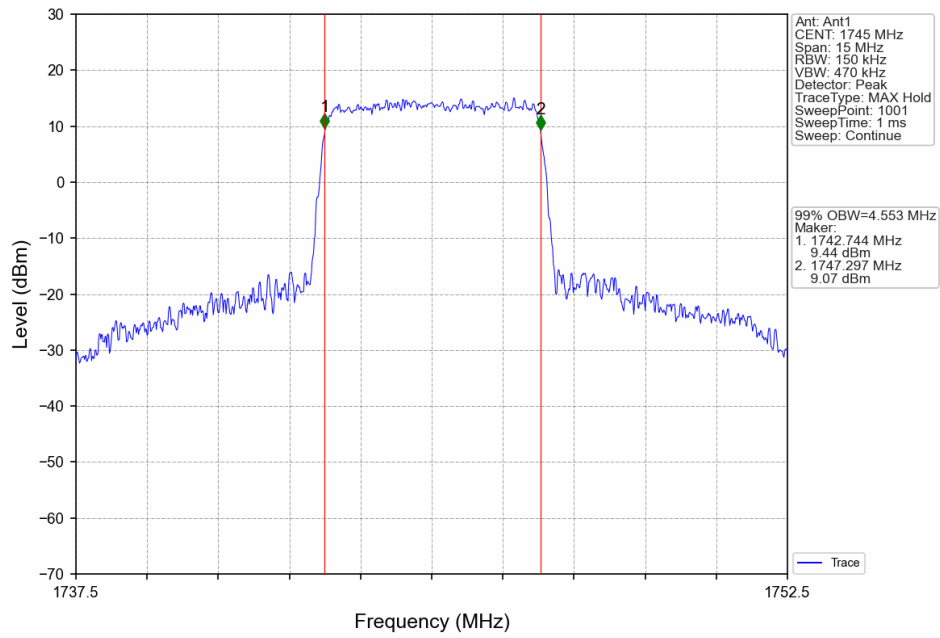
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



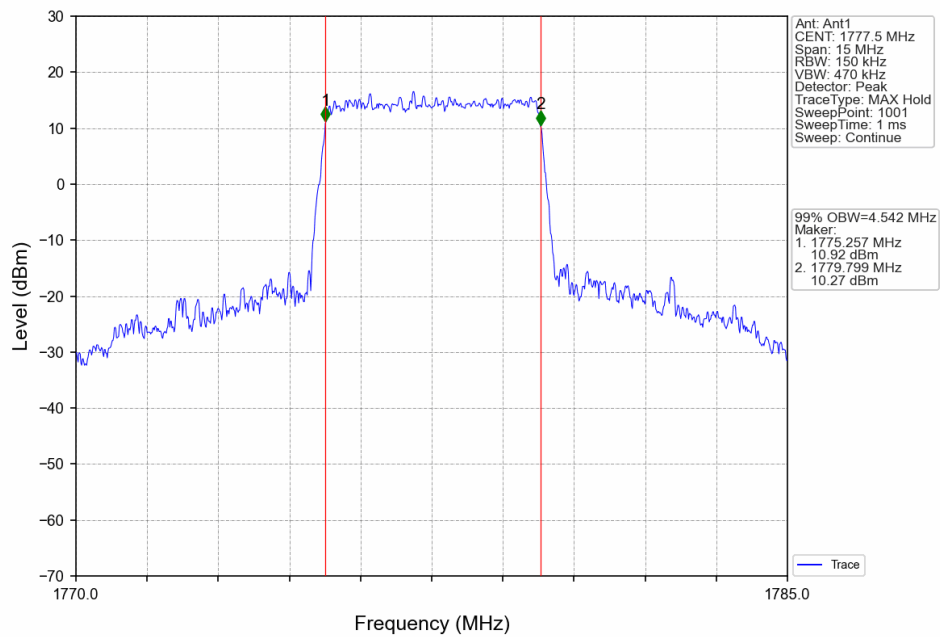
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



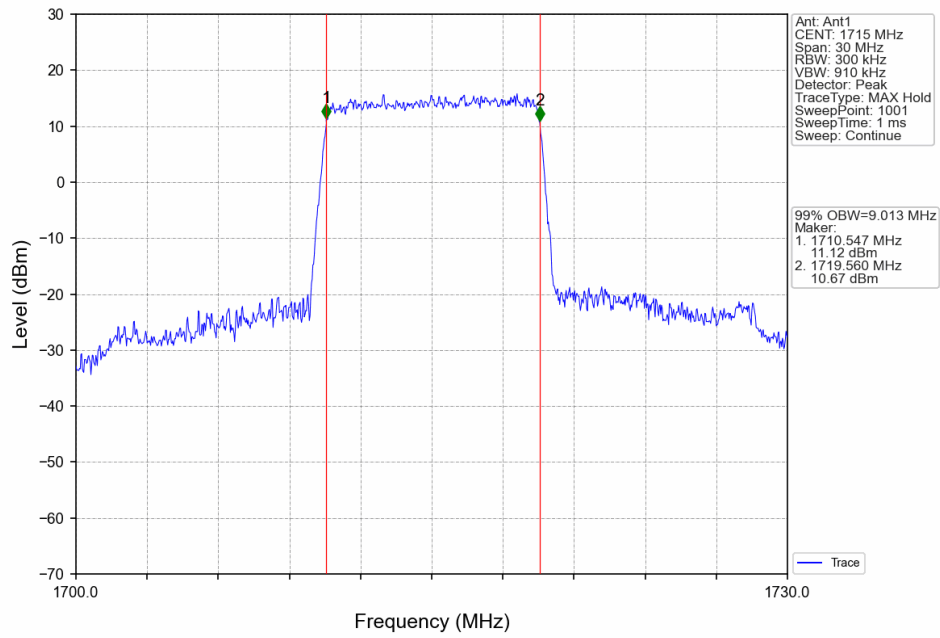
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



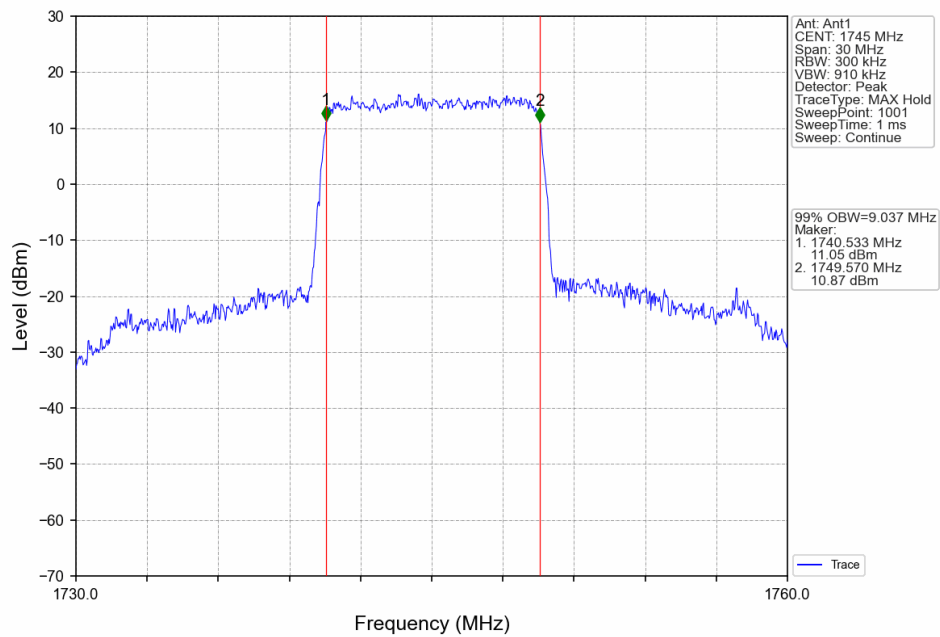
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



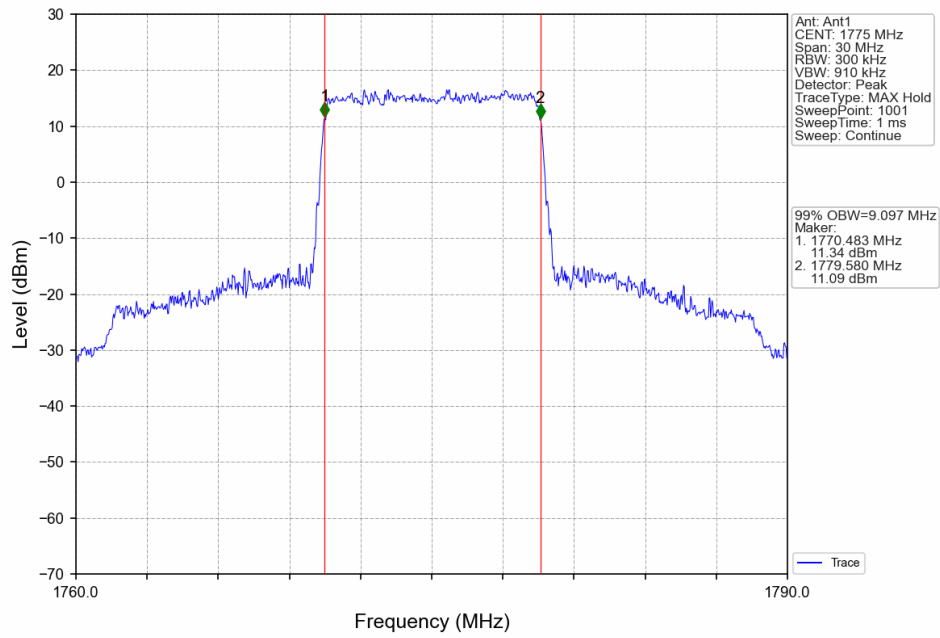
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



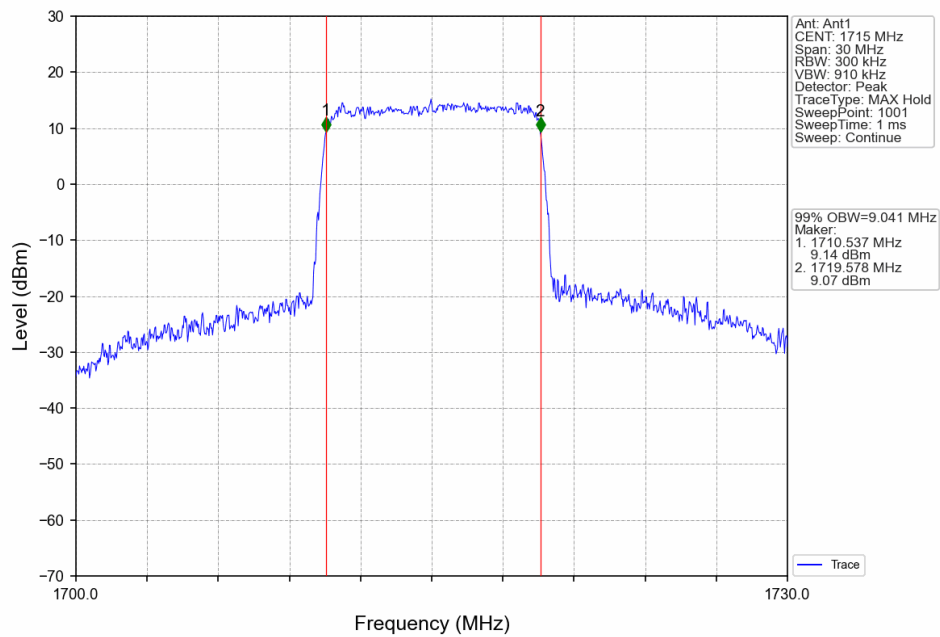
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



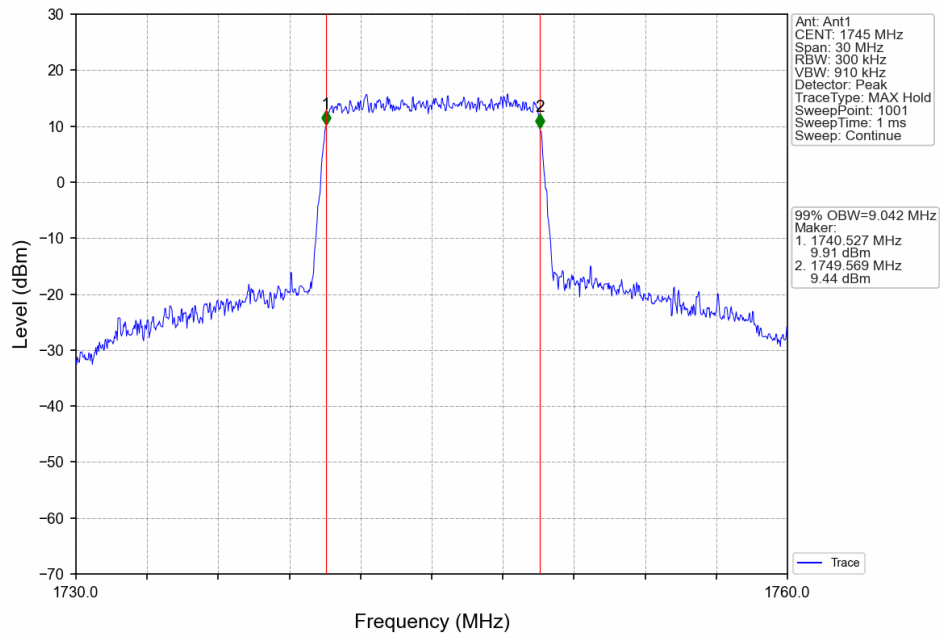
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



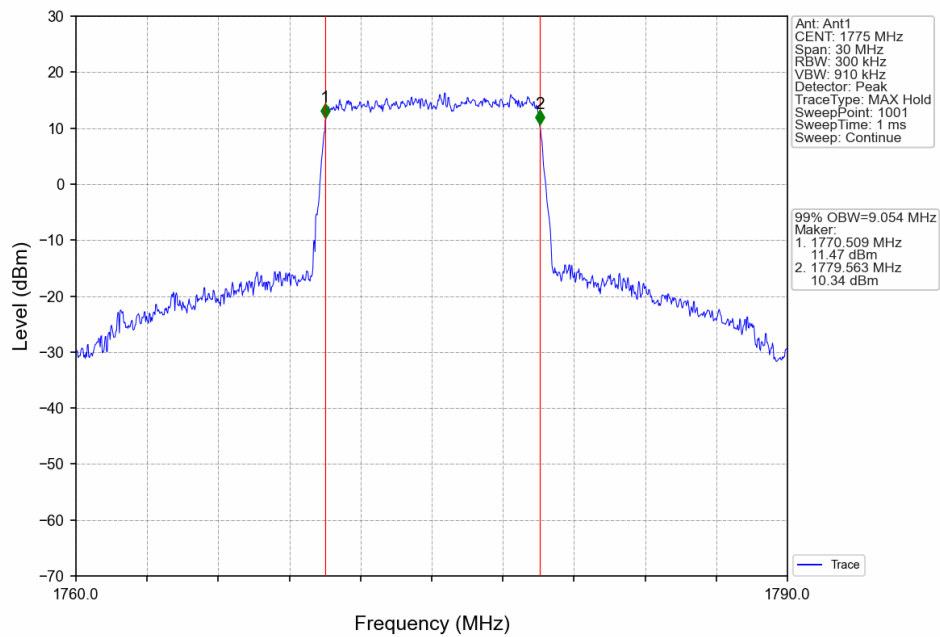
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



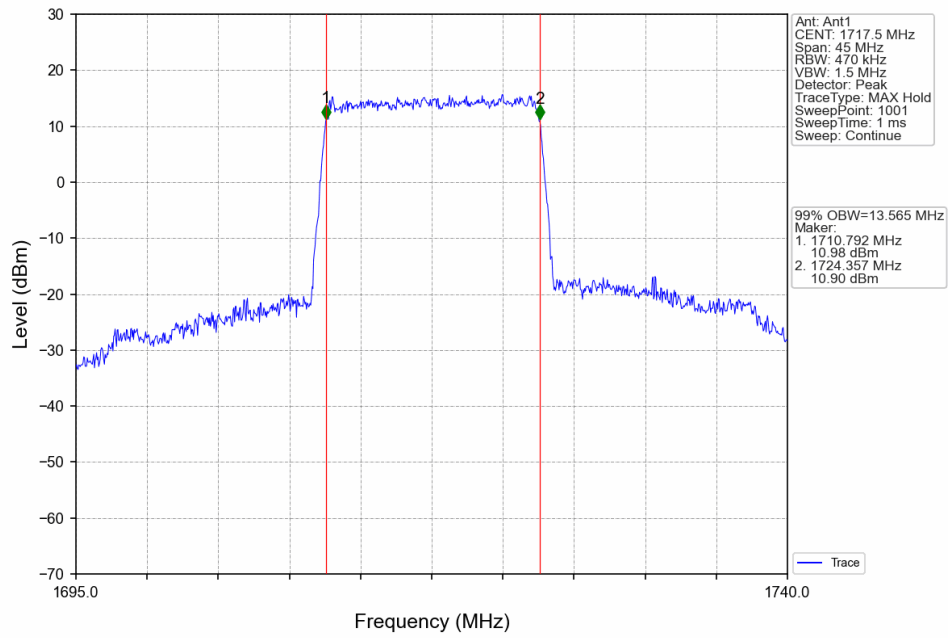
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



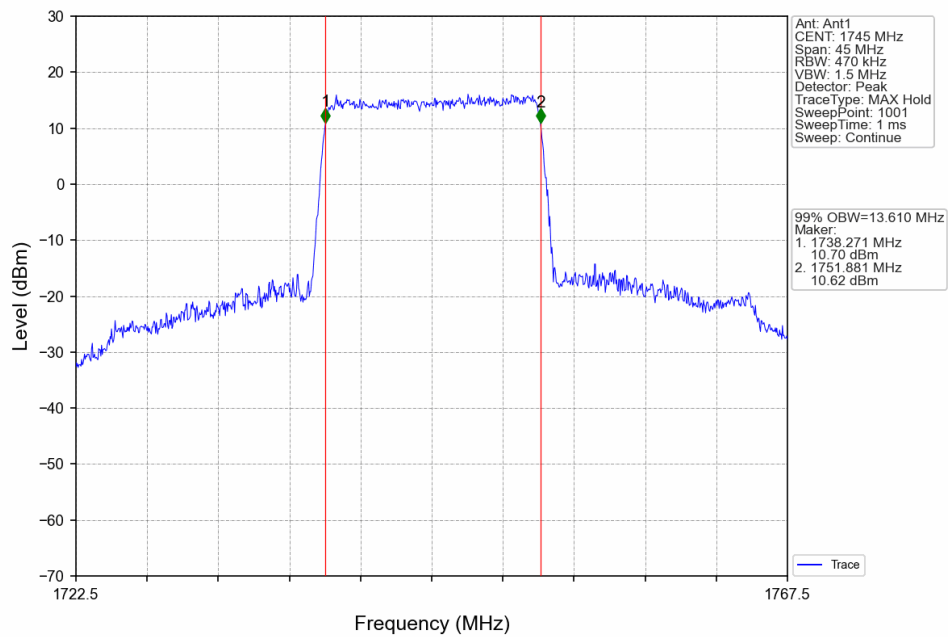
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



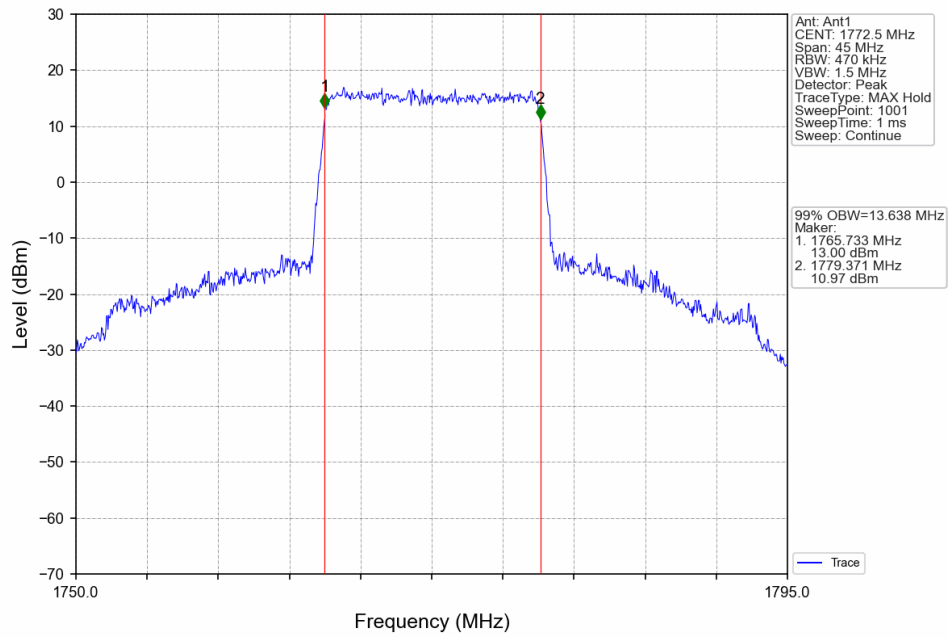
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



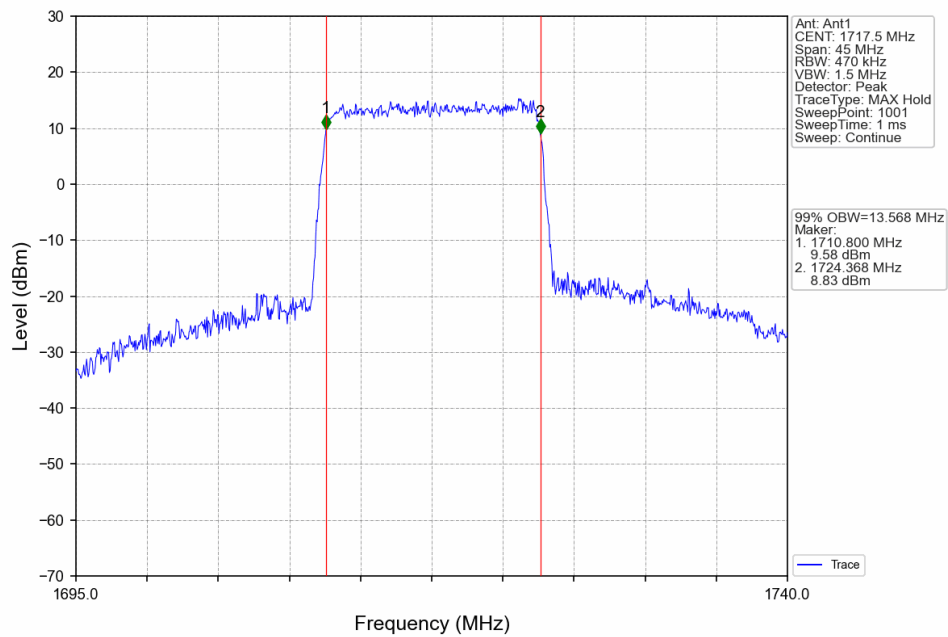
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



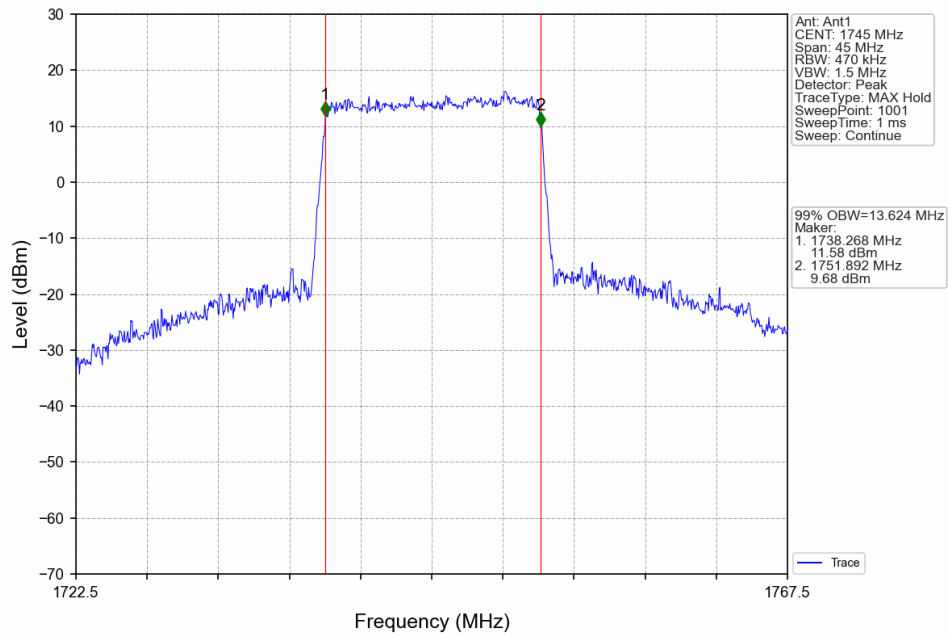
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



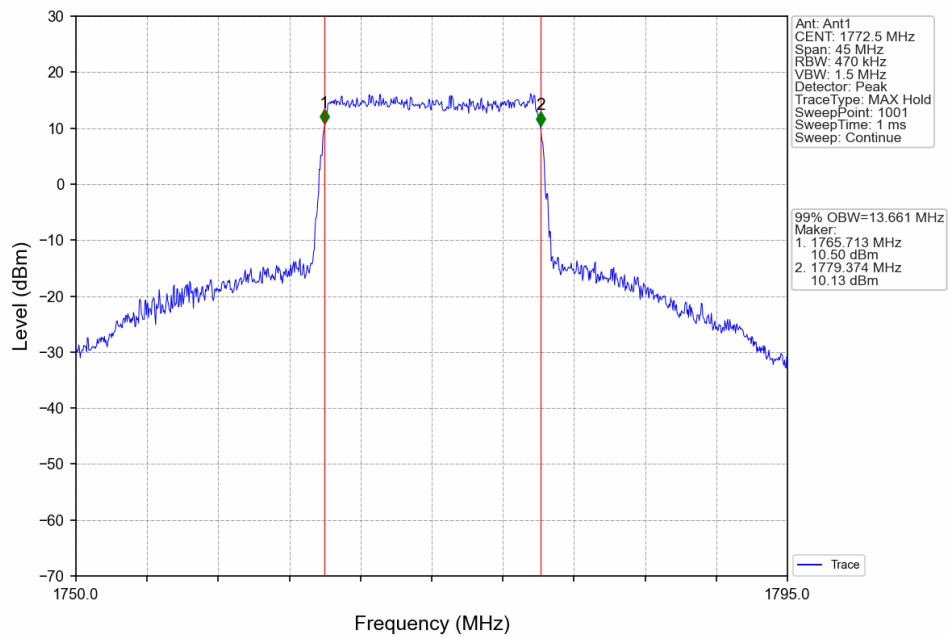
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



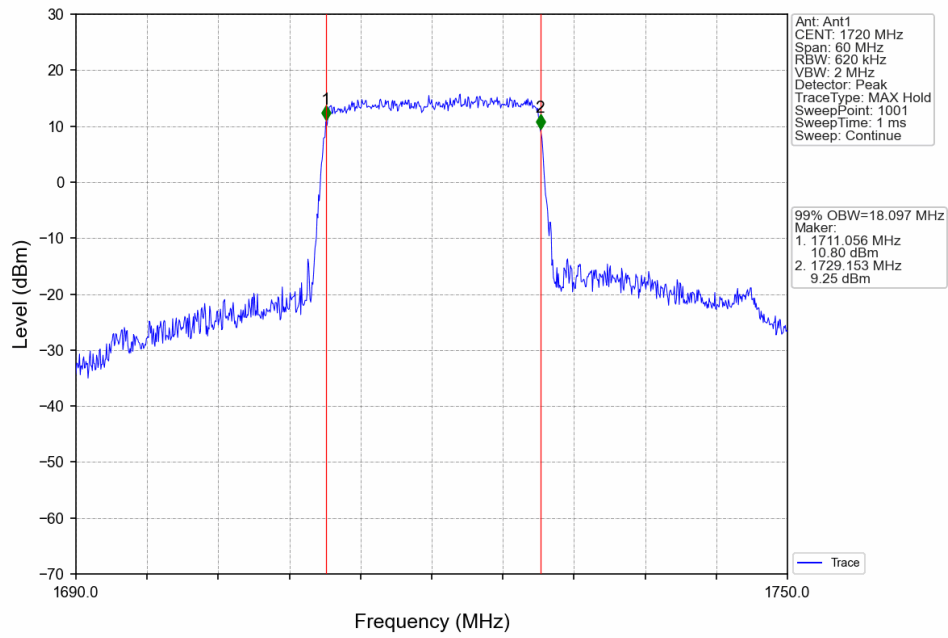
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



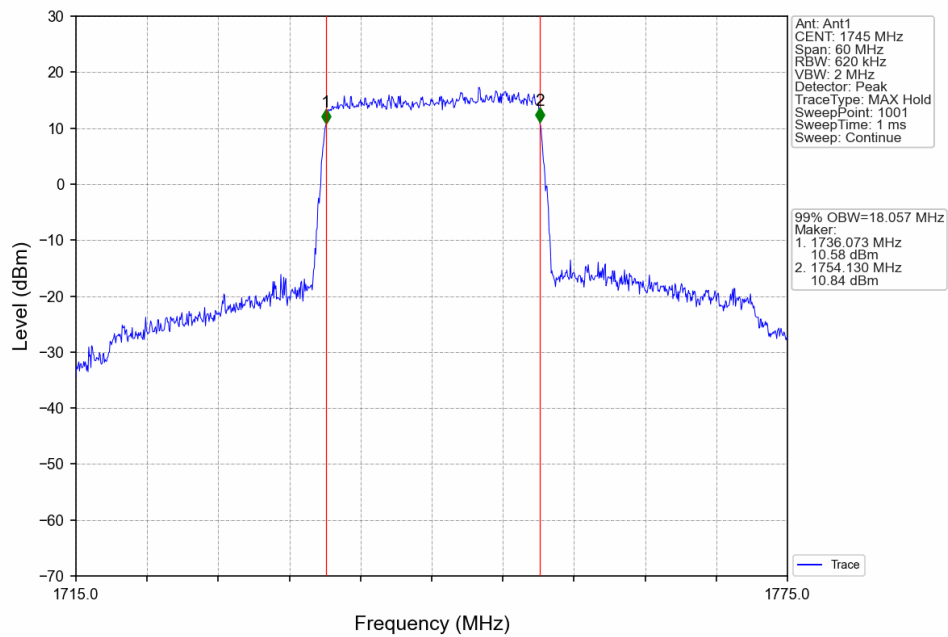
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



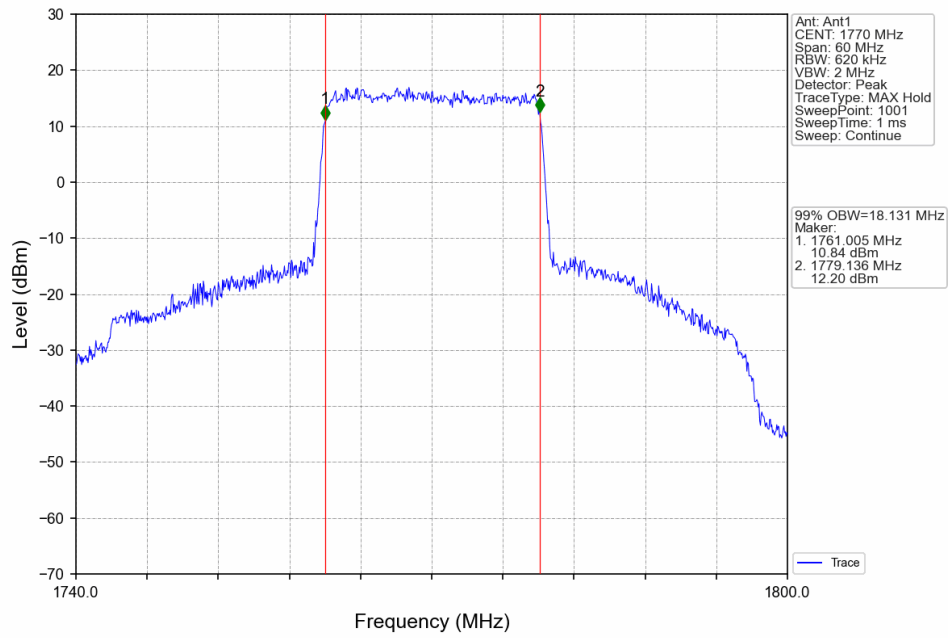
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



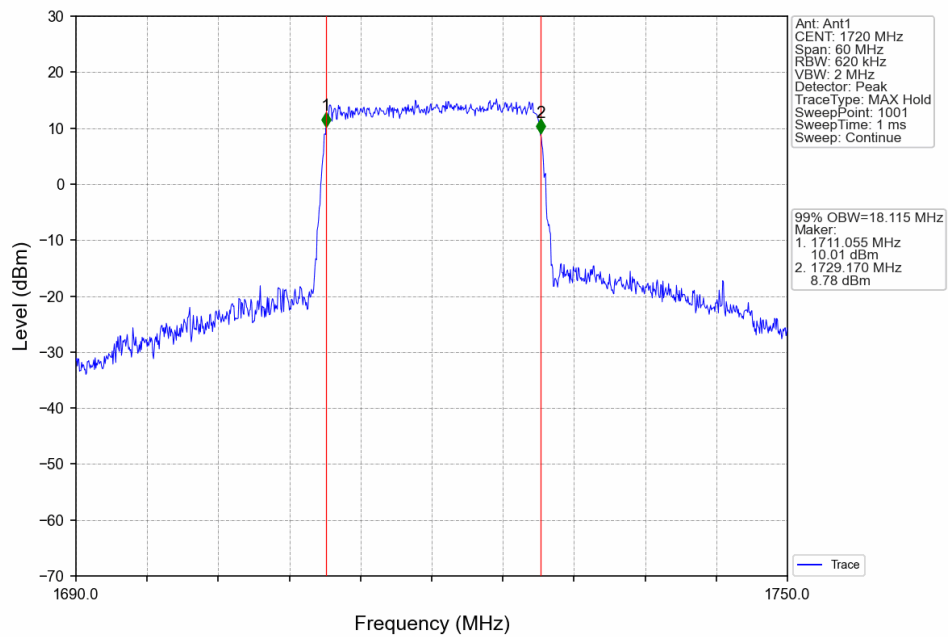
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



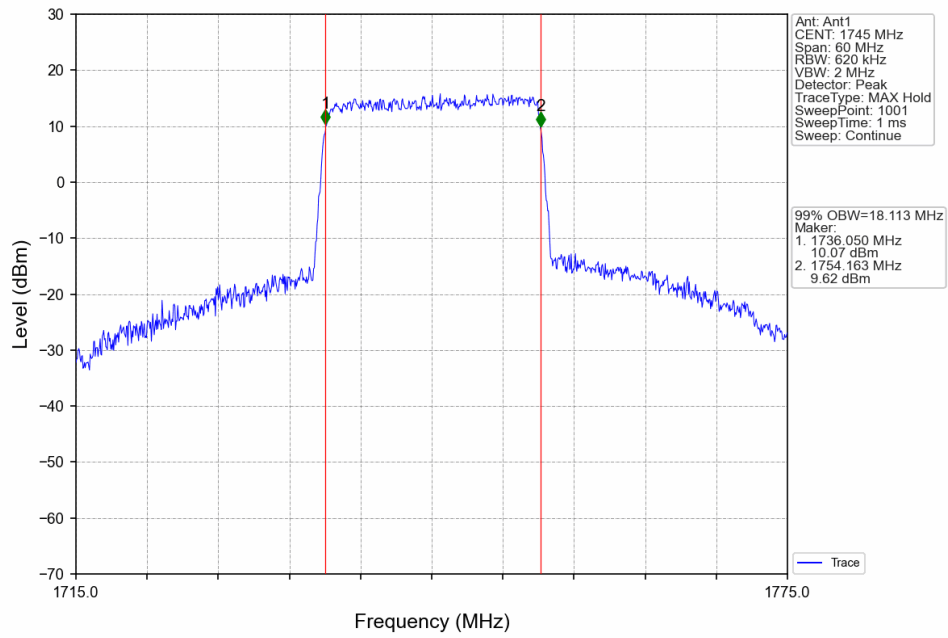
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



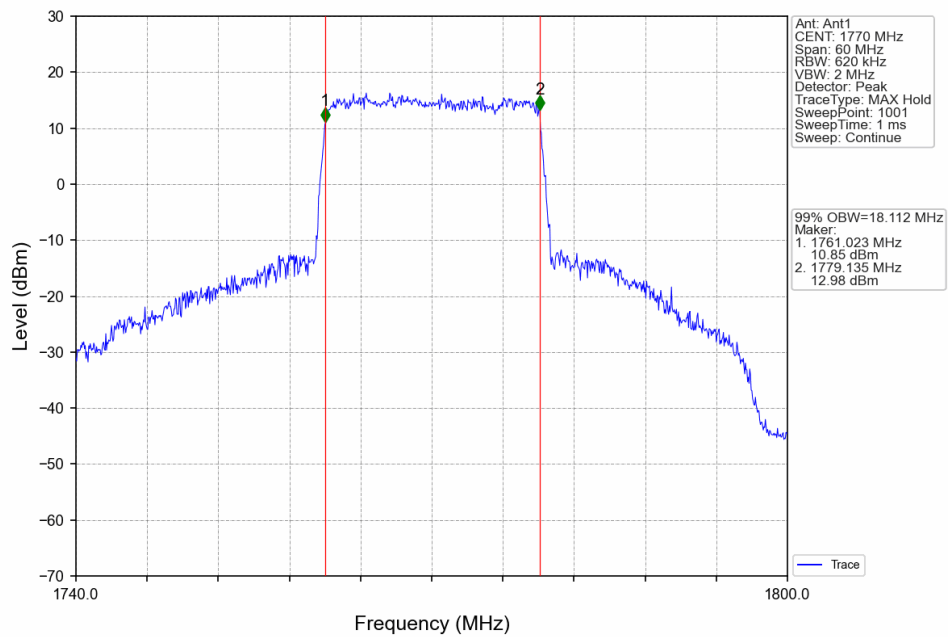
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

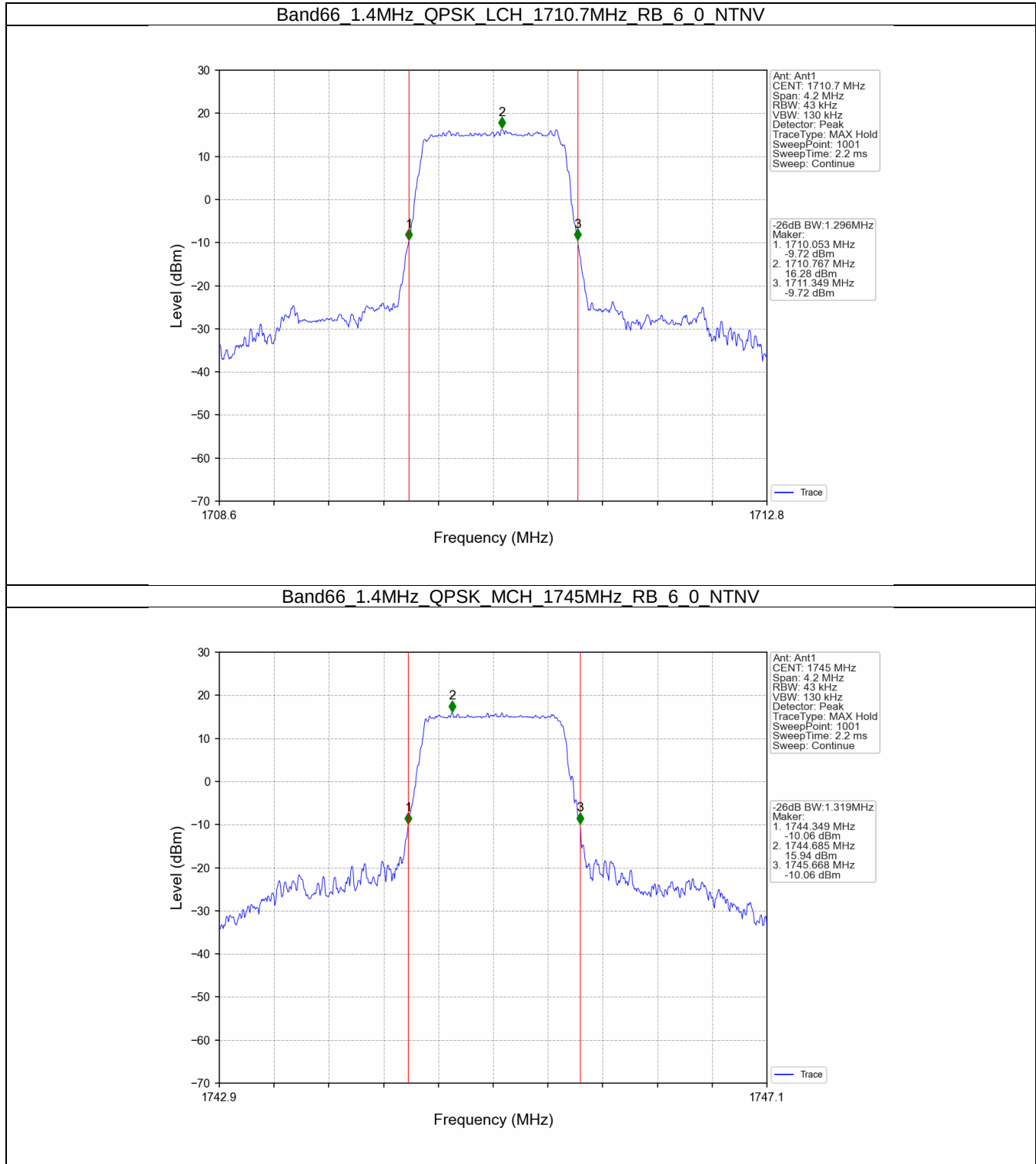


4.2 Band66_XDB

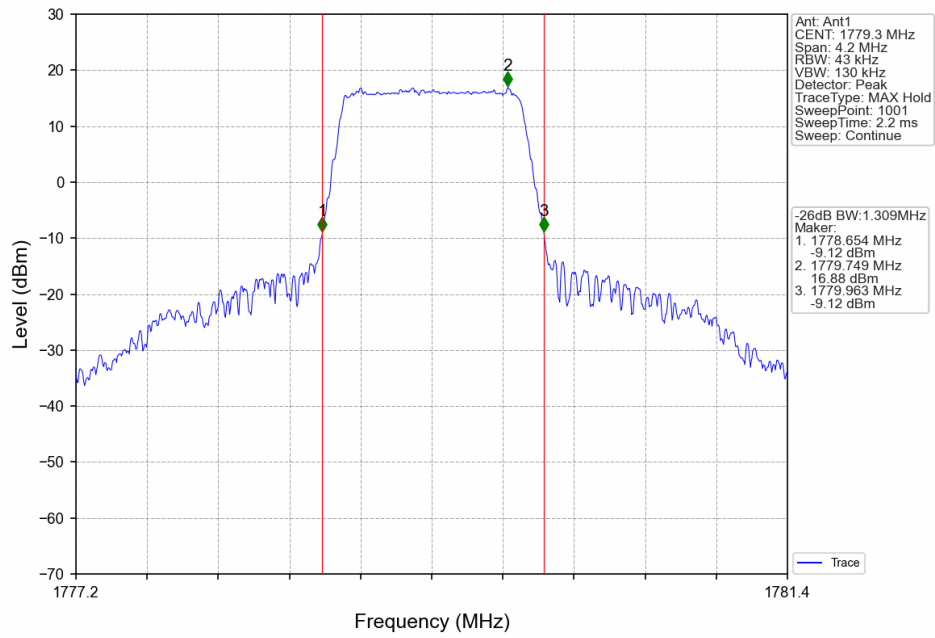
4.2.1 Test Result

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	1.296	/	Pass
		1745	6	0	1.319	/	Pass
		1779.3	6	0	1.309	/	Pass
	16QAM	1710.7	6	0	1.321	/	Pass
		1745	6	0	1.293	/	Pass
		1779.3	6	0	1.312	/	Pass
3	QPSK	1711.5	15	0	3.036	/	Pass
		1745	15	0	3.045	/	Pass
		1778.5	15	0	3.040	/	Pass
	16QAM	1711.5	15	0	3.057	/	Pass
		1745	15	0	3.049	/	Pass
		1778.5	15	0	3.010	/	Pass
5	QPSK	1712.5	25	0	5.009	/	Pass
		1745	25	0	5.006	/	Pass
		1777.5	25	0	4.982	/	Pass
	16QAM	1712.5	25	0	5.018	/	Pass
		1745	25	0	5.014	/	Pass
		1777.5	25	0	5.013	/	Pass
10	QPSK	1715	50	0	9.927	/	Pass
		1745	50	0	9.854	/	Pass
		1775	50	0	9.935	/	Pass
	16QAM	1715	50	0	9.849	/	Pass
		1745	50	0	9.895	/	Pass
		1775	50	0	9.937	/	Pass
15	QPSK	1717.5	75	0	14.836	/	Pass
		1745	75	0	14.886	/	Pass
		1772.5	75	0	14.949	/	Pass
	16QAM	1717.5	75	0	14.871	/	Pass
		1745	75	0	14.778	/	Pass
		1772.5	75	0	14.938	/	Pass
20	QPSK	1720	100	0	19.850	/	Pass
		1745	100	0	19.640	/	Pass
		1770	100	0	19.736	/	Pass
	16QAM	1720	100	0	19.747	/	Pass
		1745	100	0	19.668	/	Pass
		1770	100	0	19.726	/	Pass

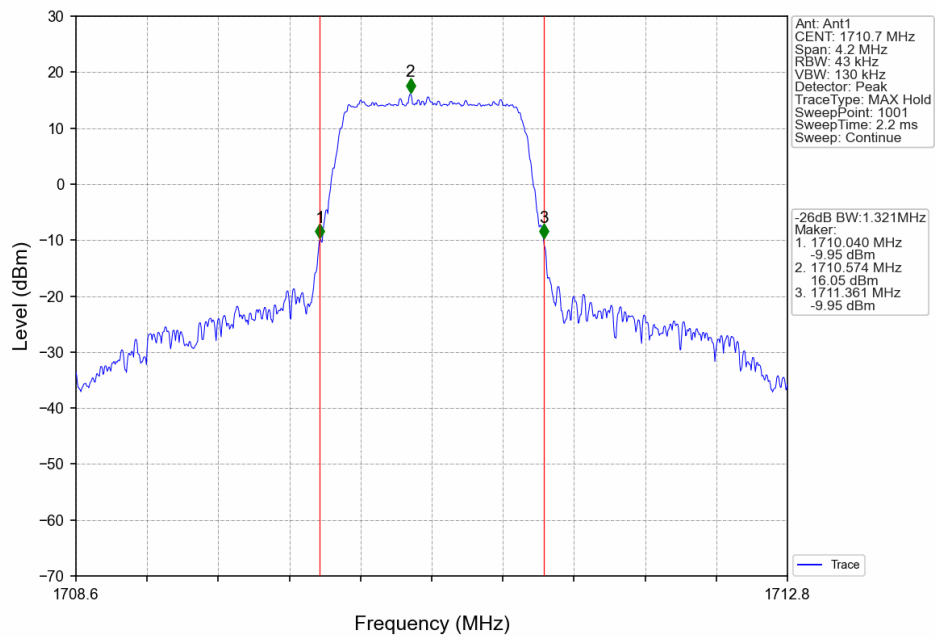
4.2.2 Test Graph



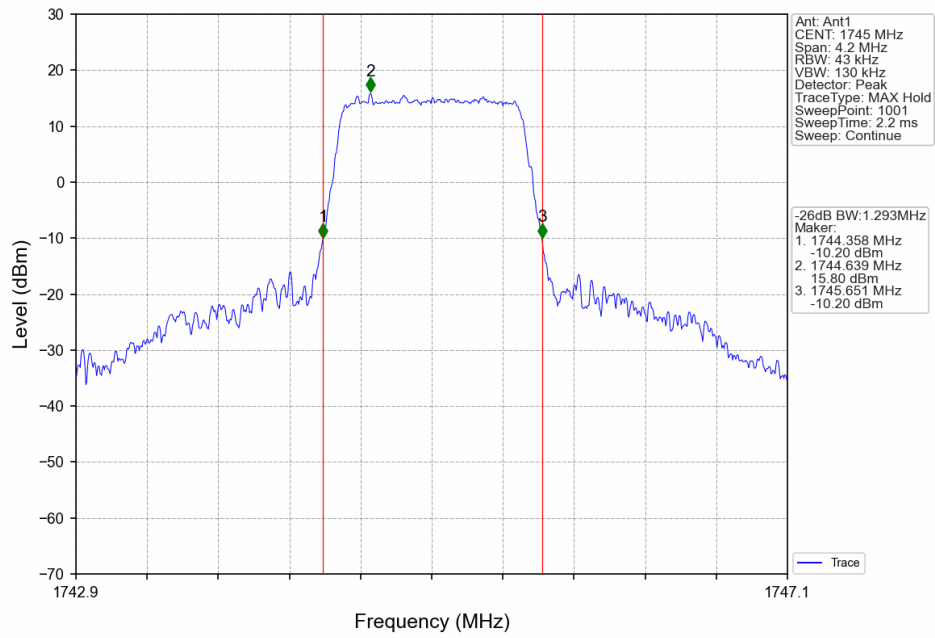
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



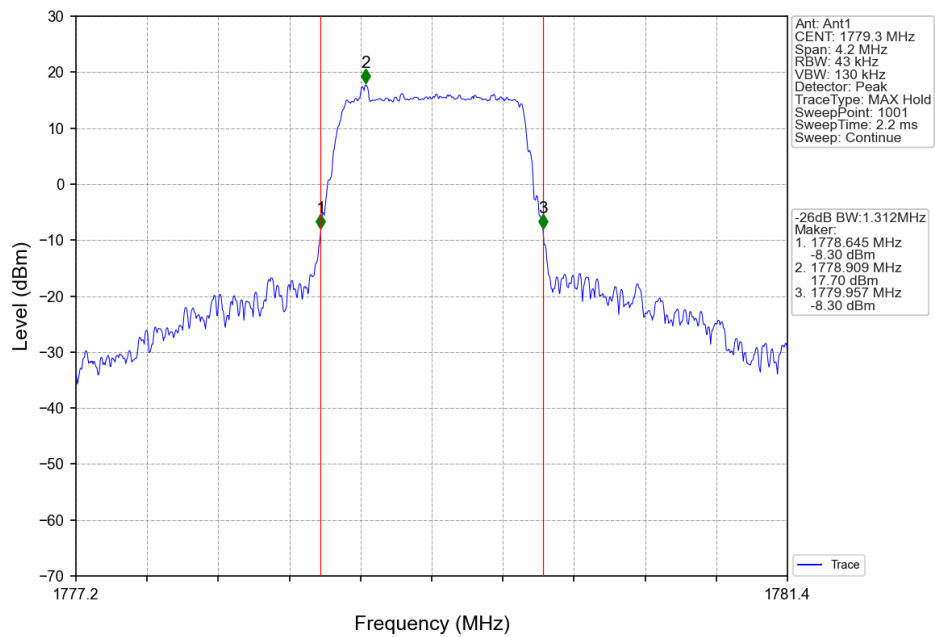
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



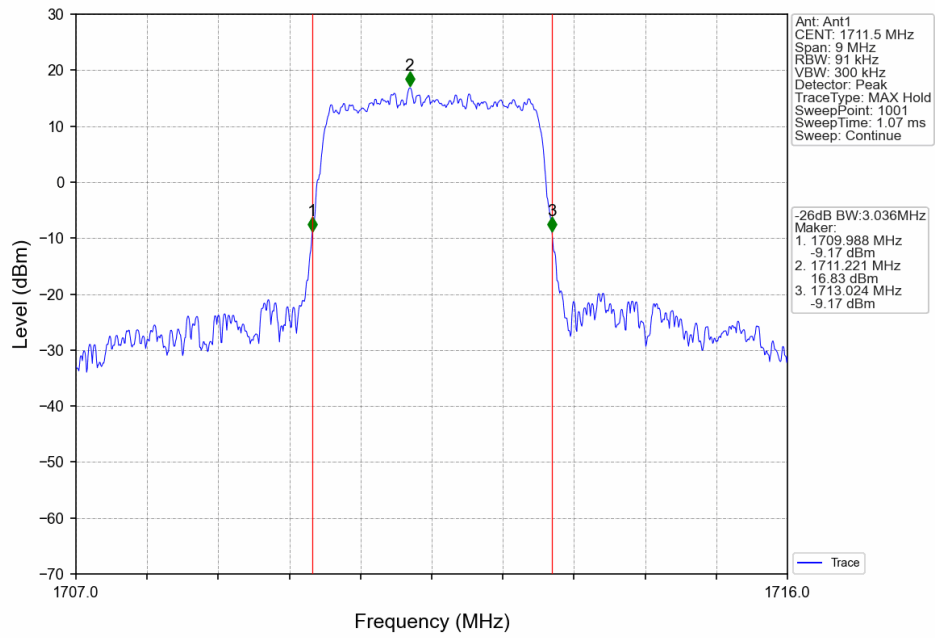
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



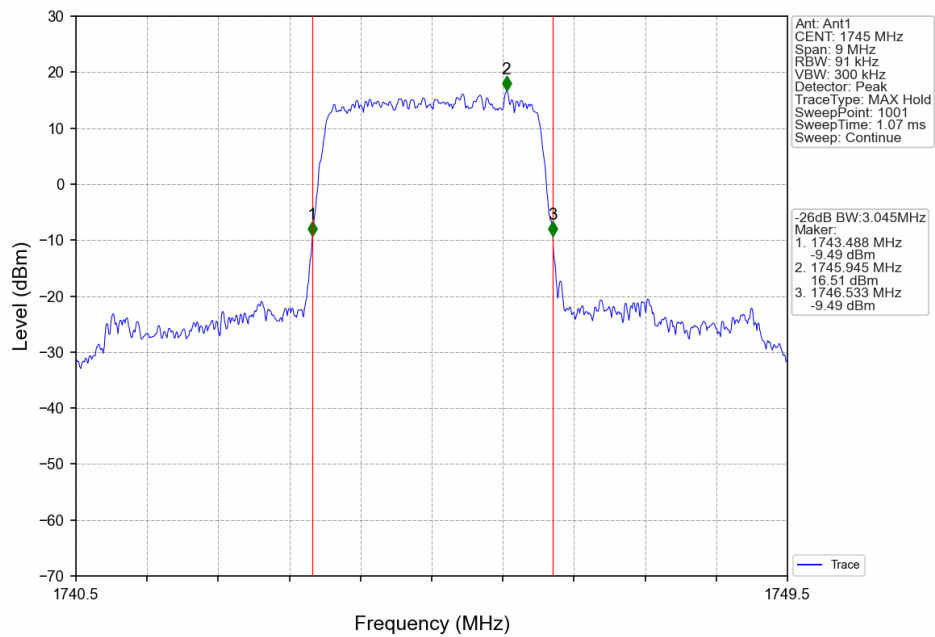
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



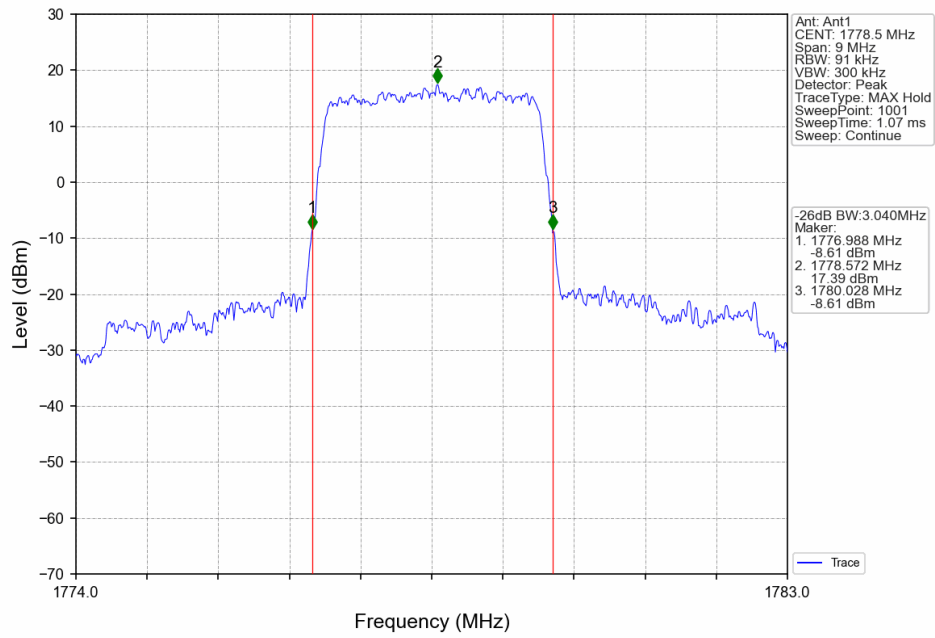
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



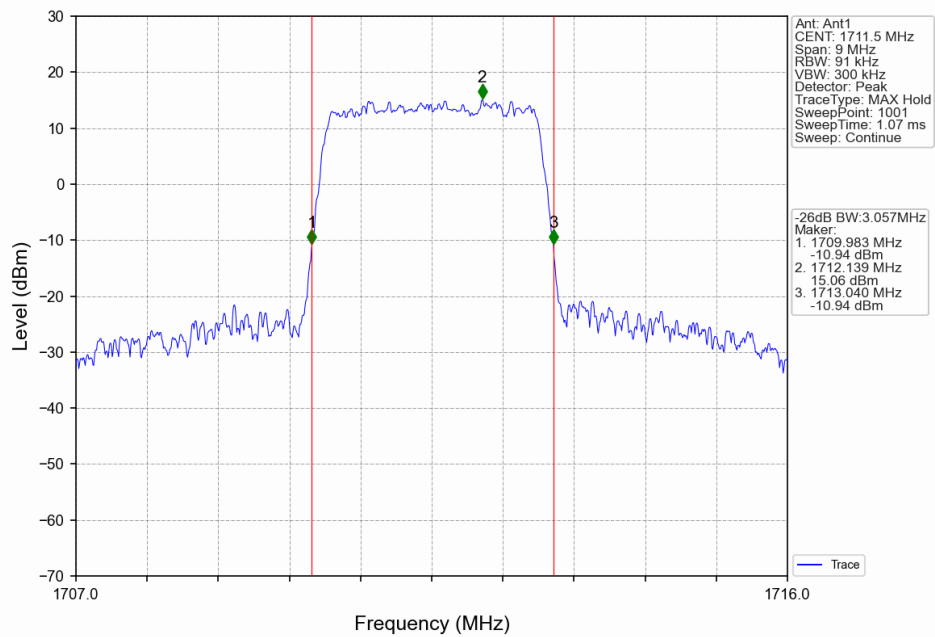
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



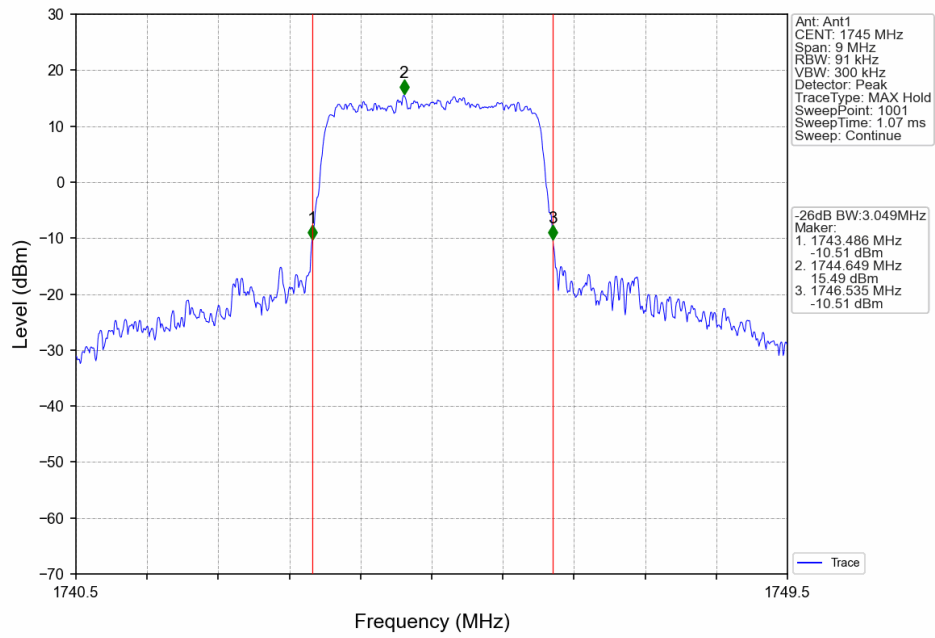
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



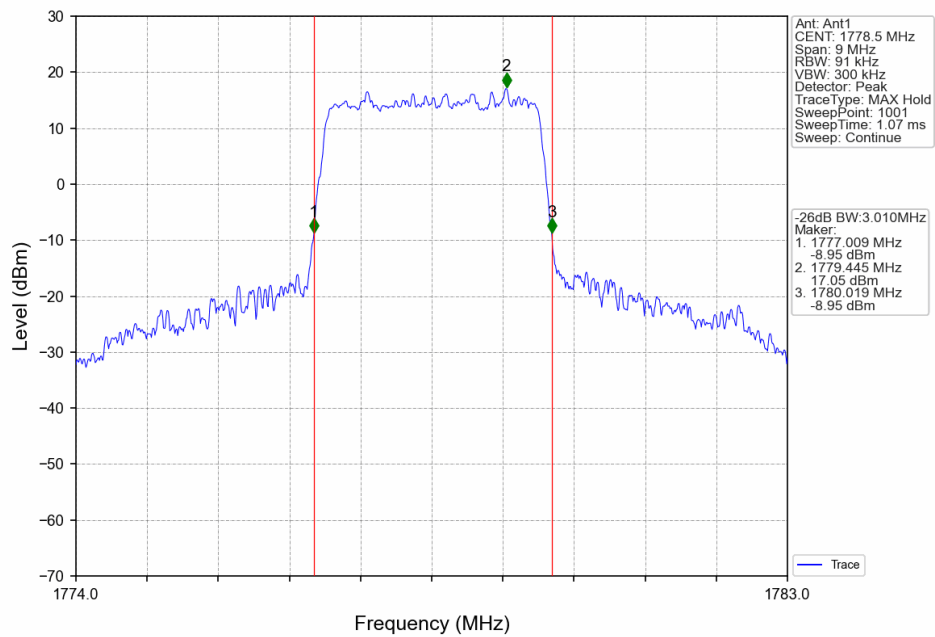
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



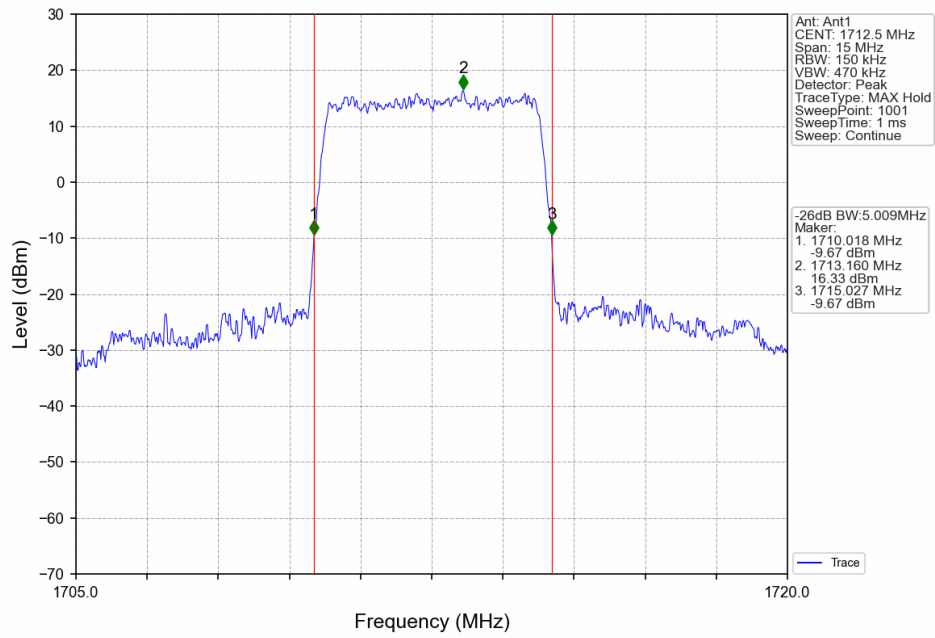
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



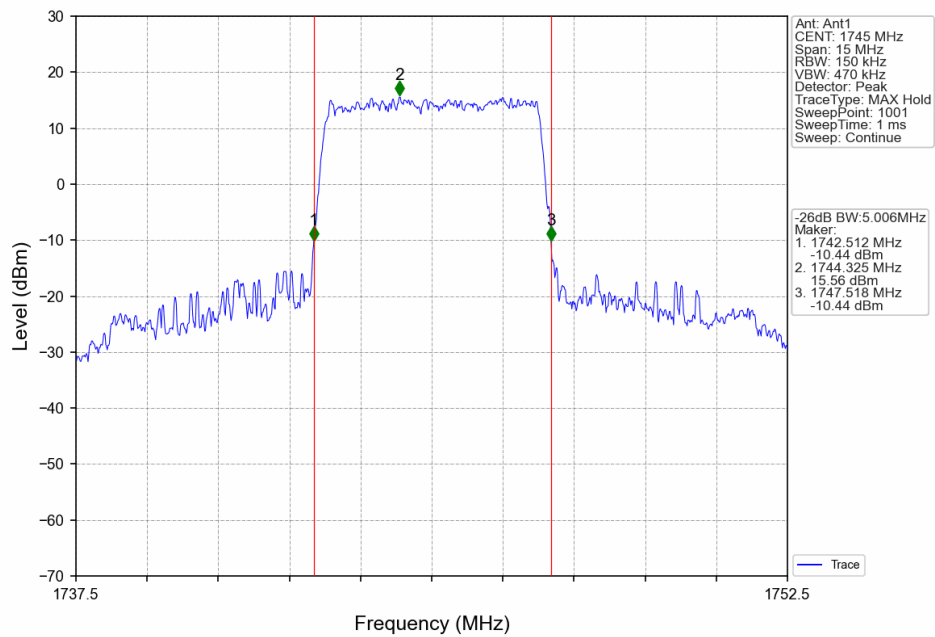
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



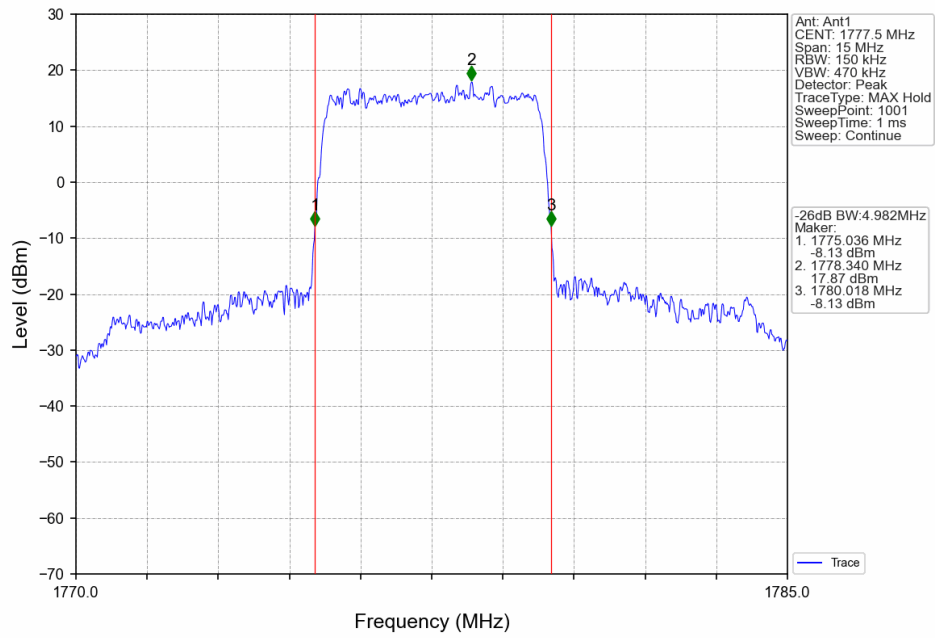
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



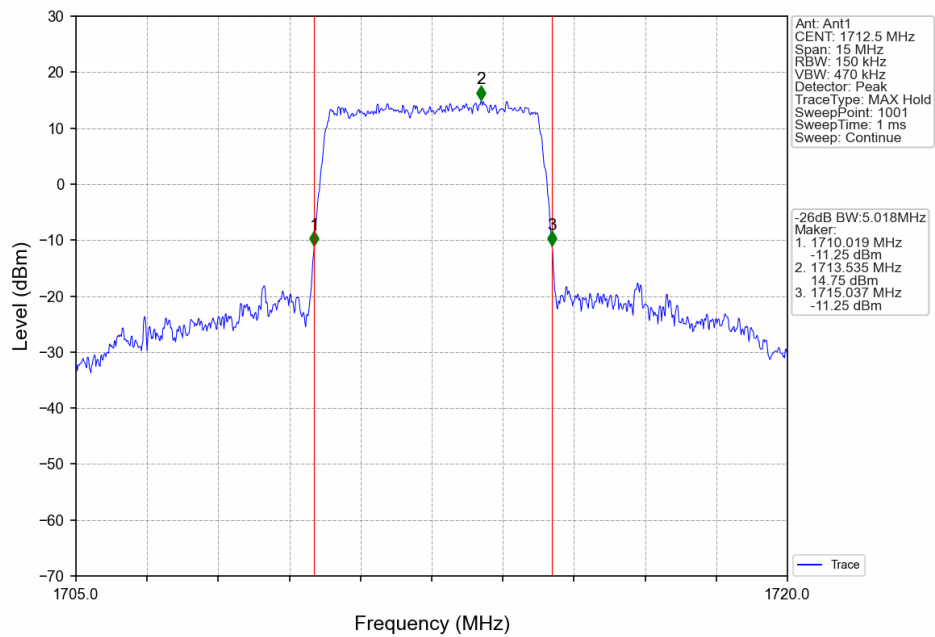
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



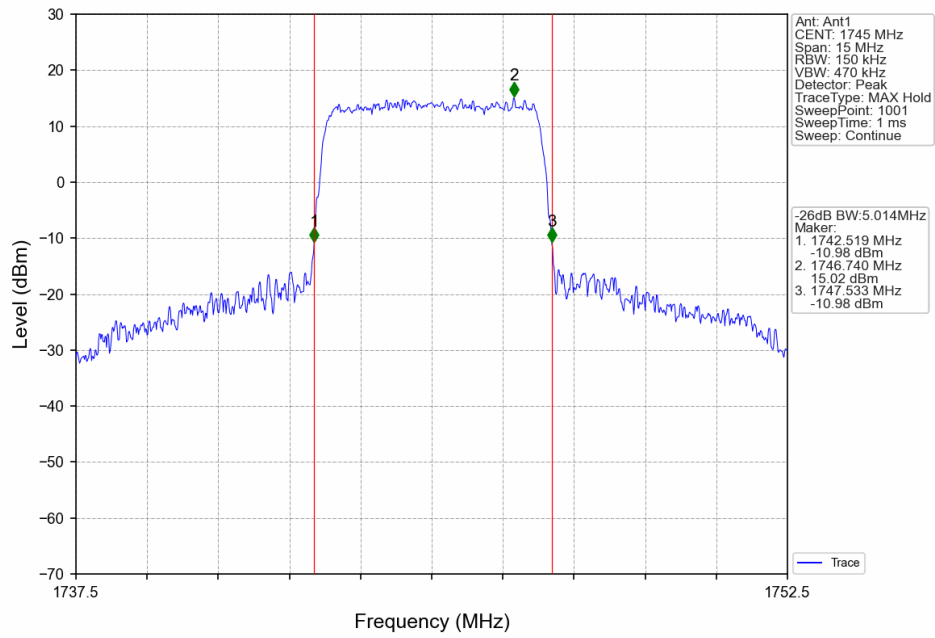
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



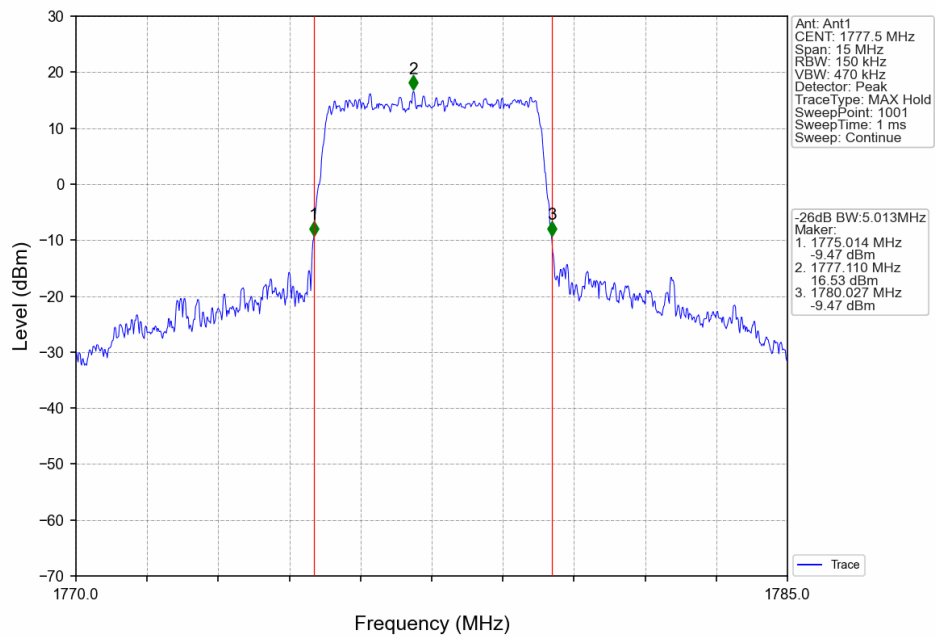
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



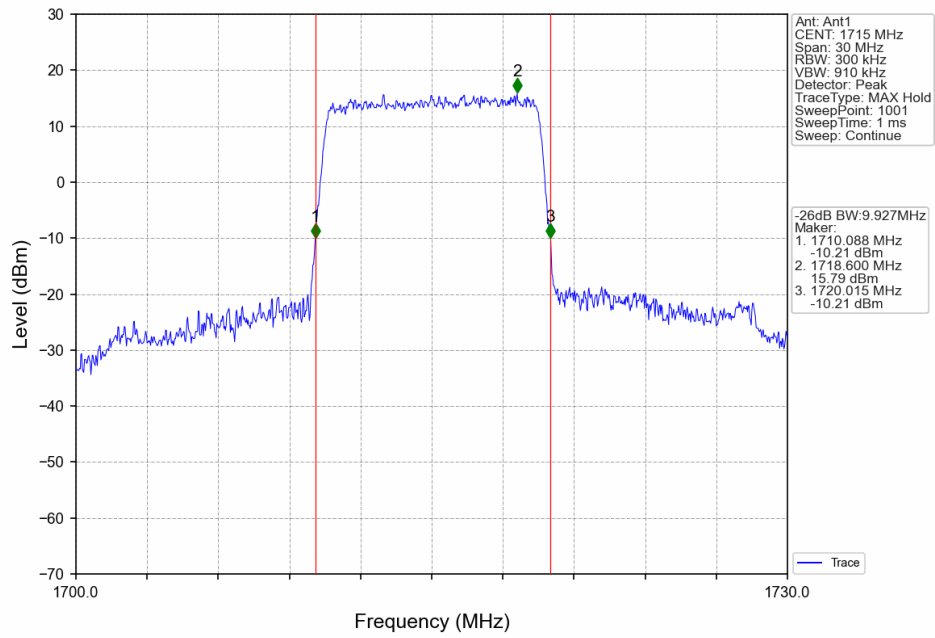
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



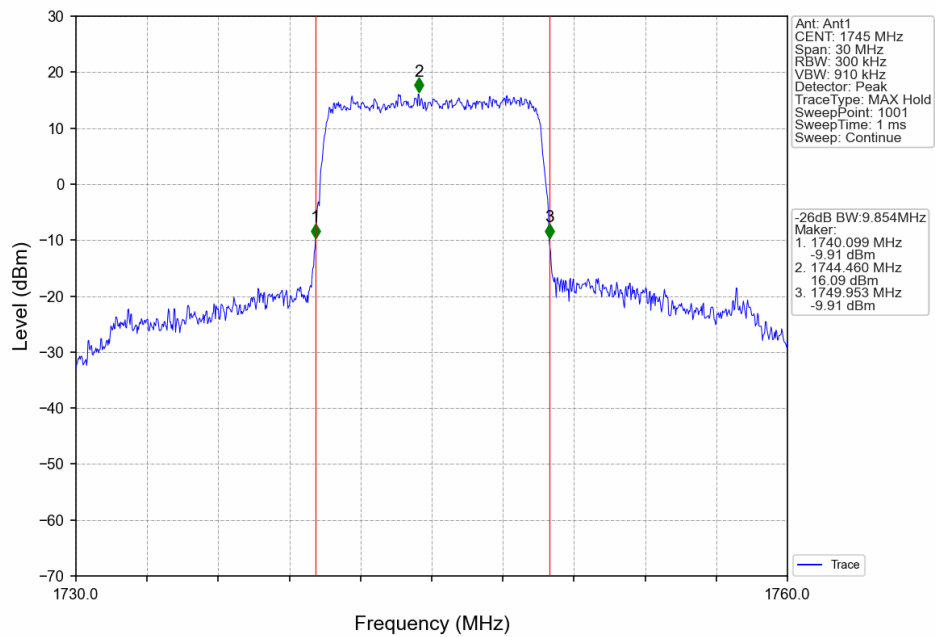
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



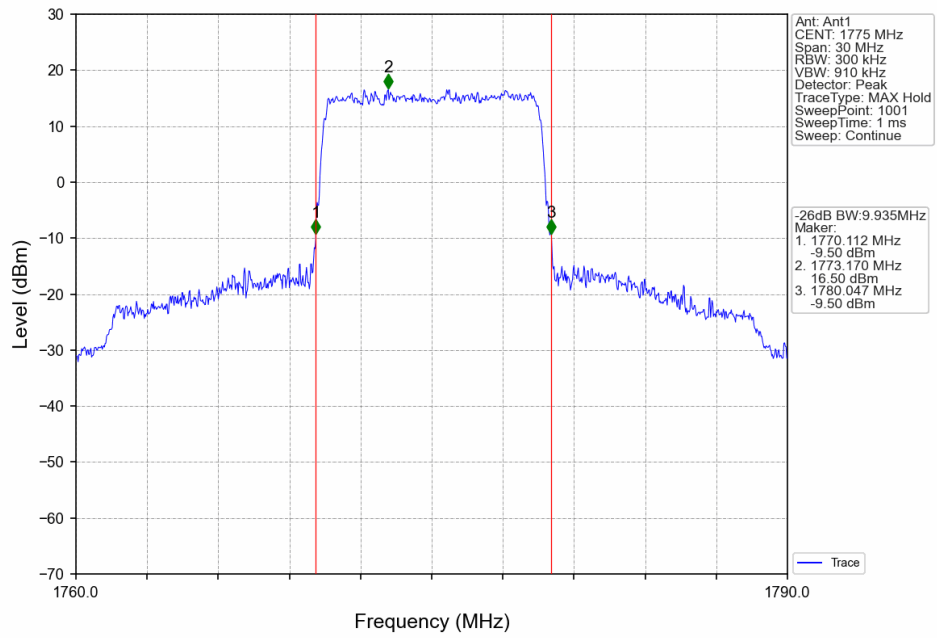
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



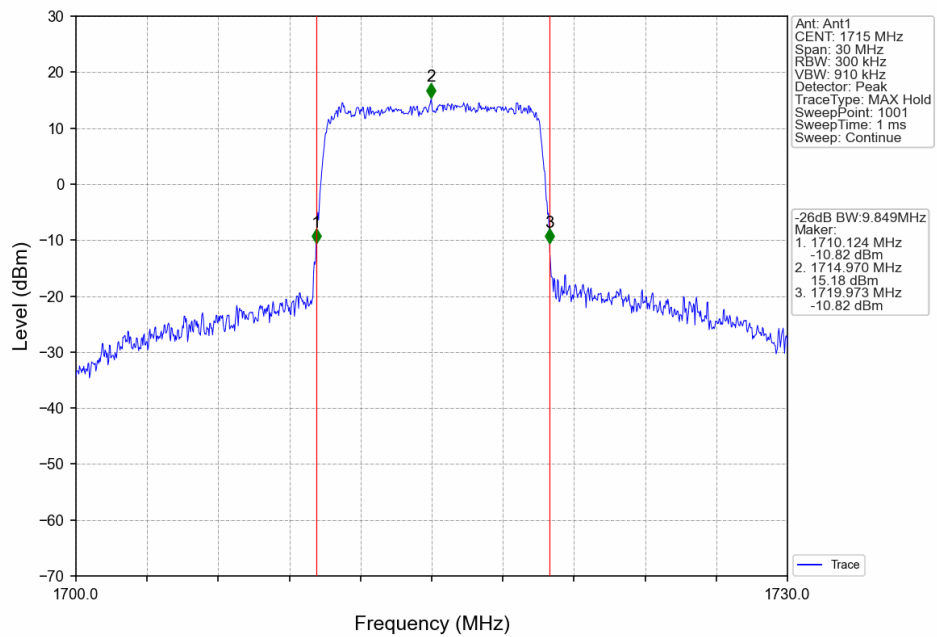
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



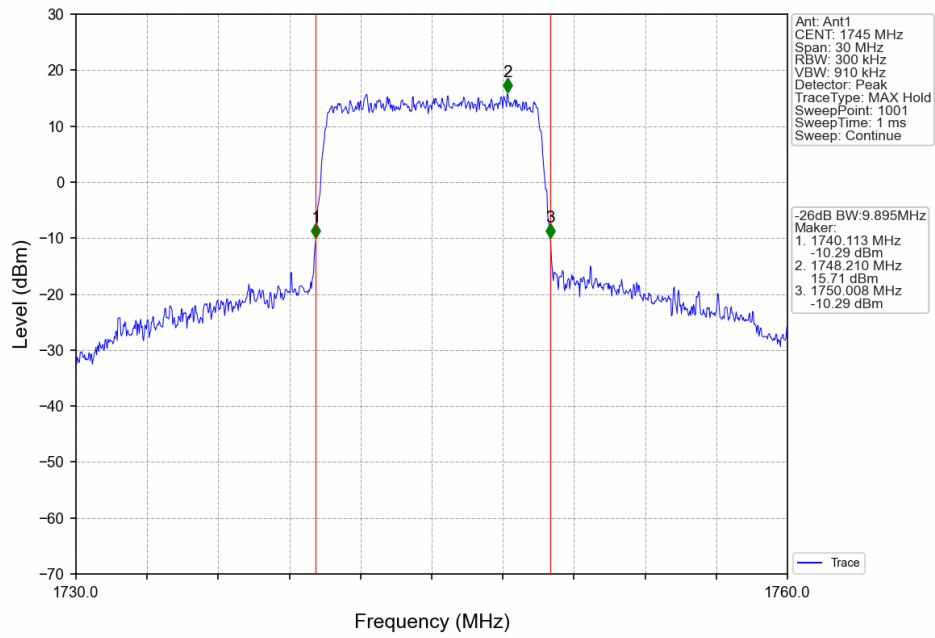
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



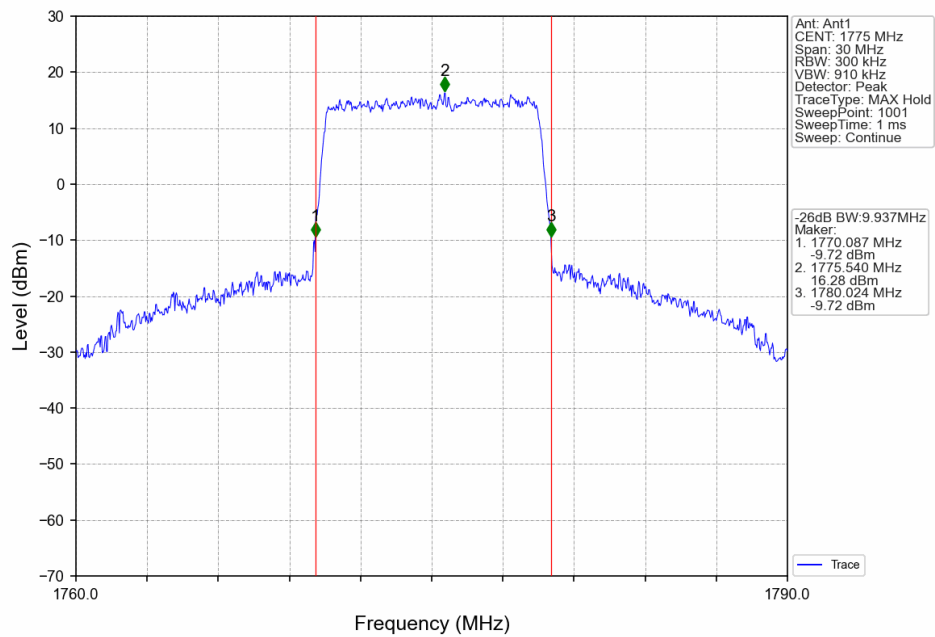
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



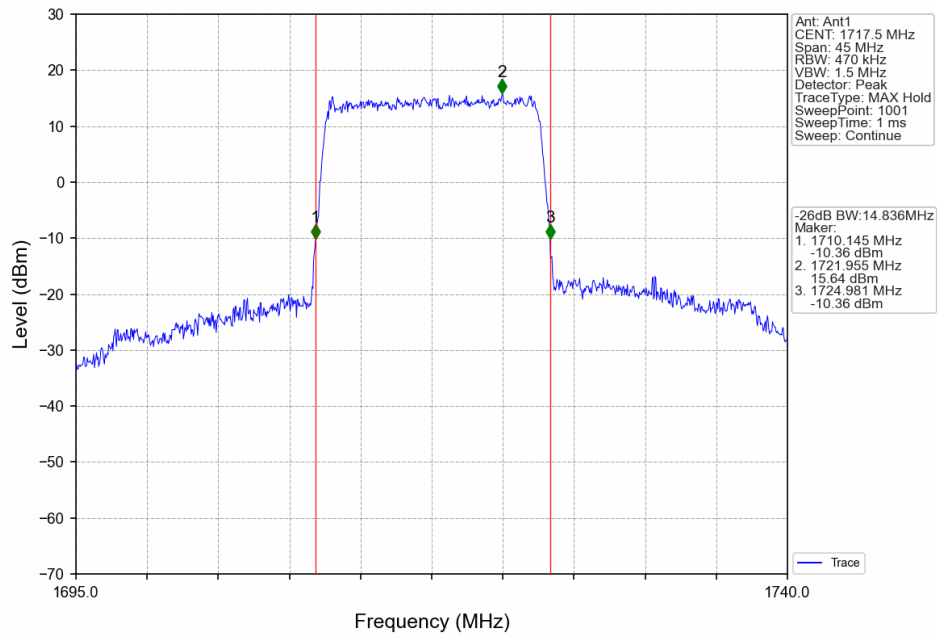
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



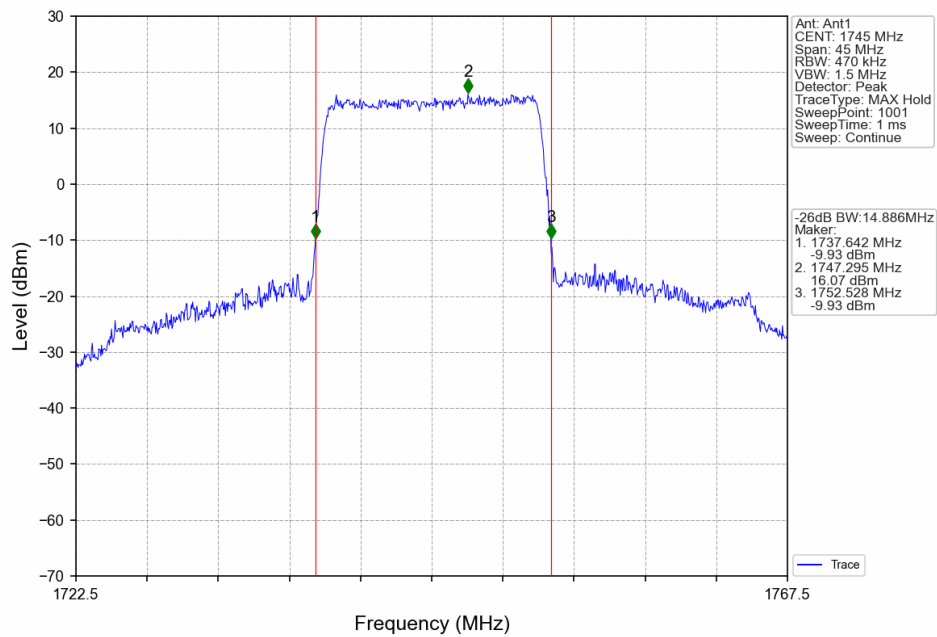
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



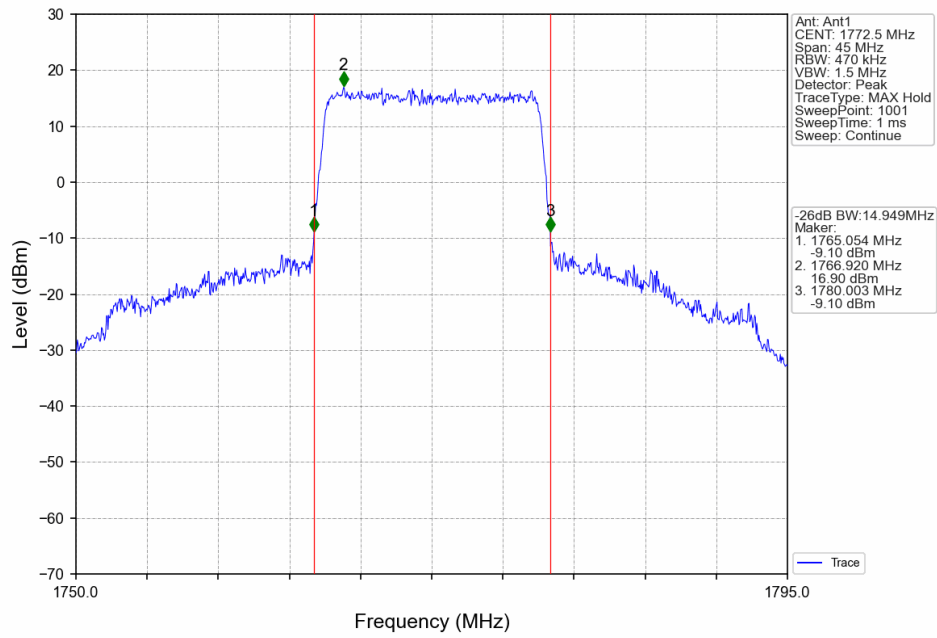
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



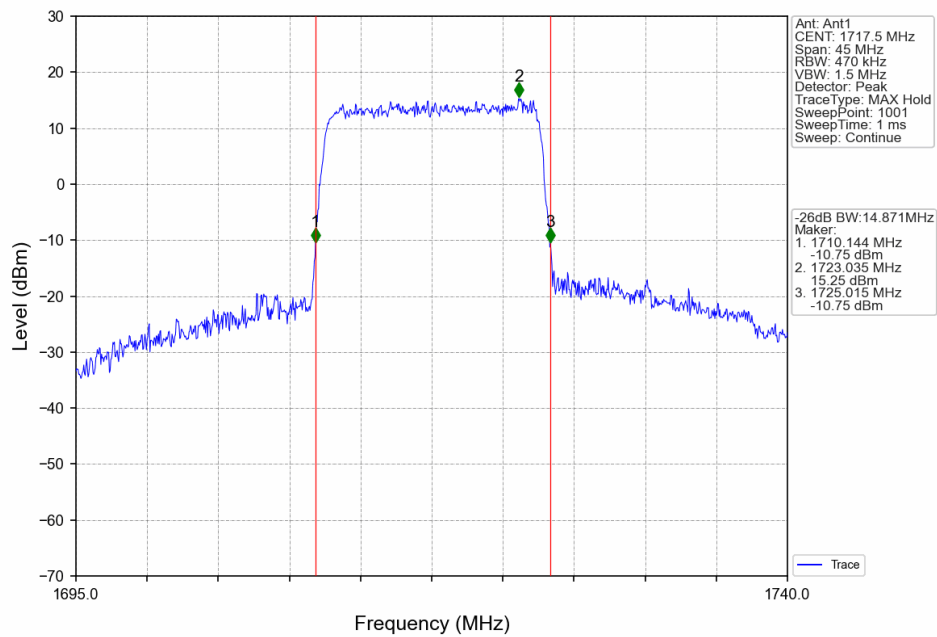
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



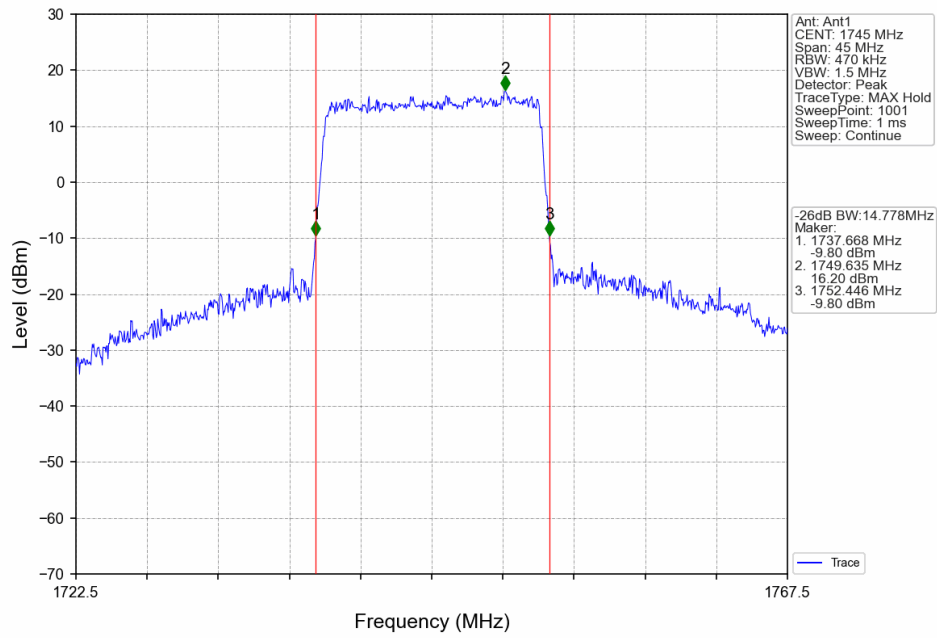
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



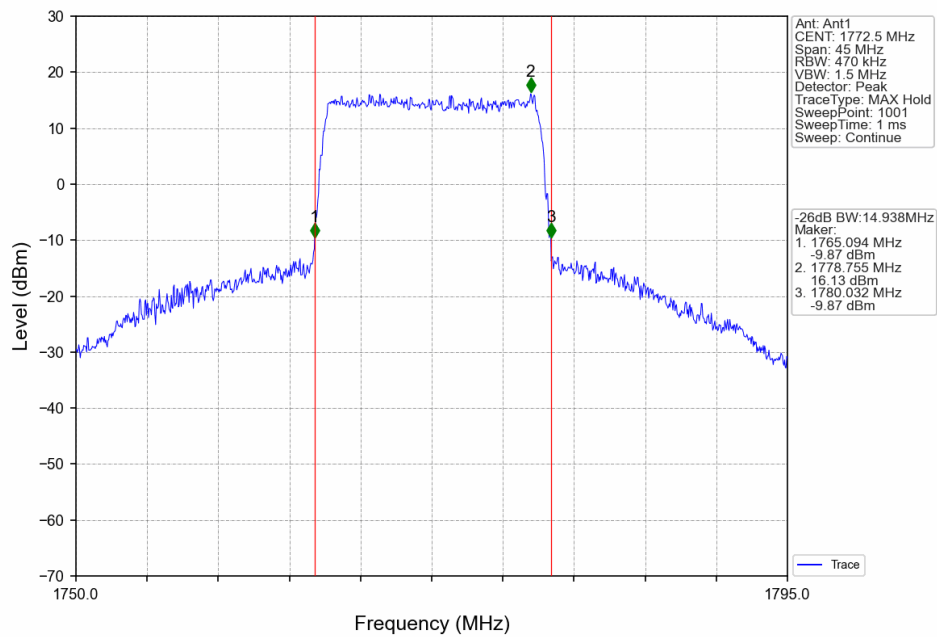
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



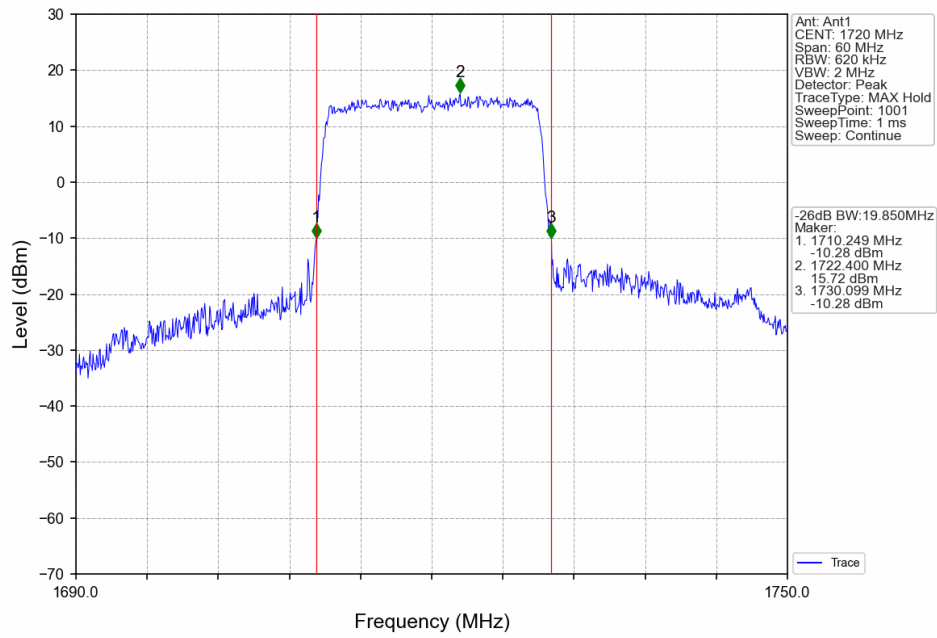
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



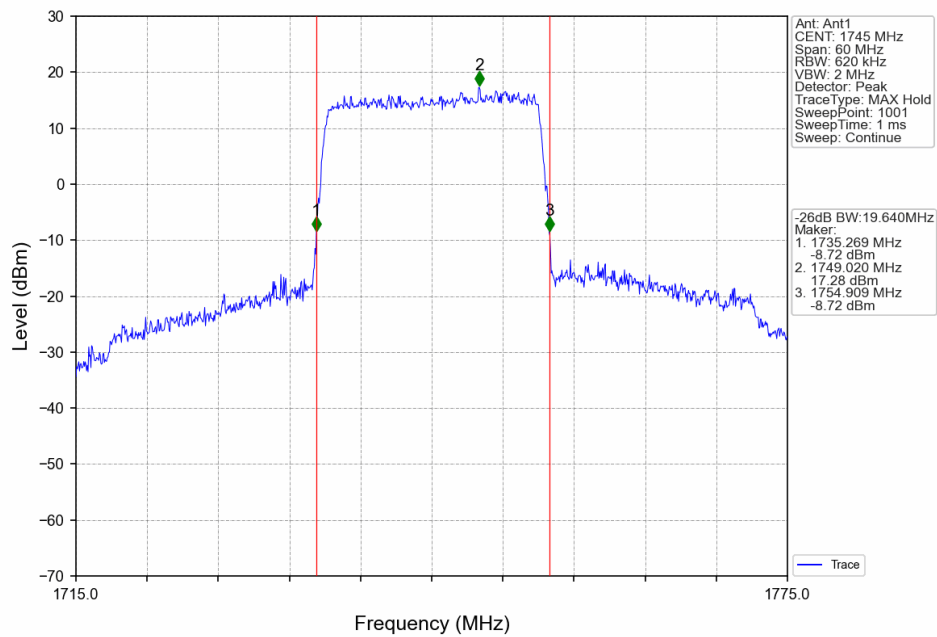
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



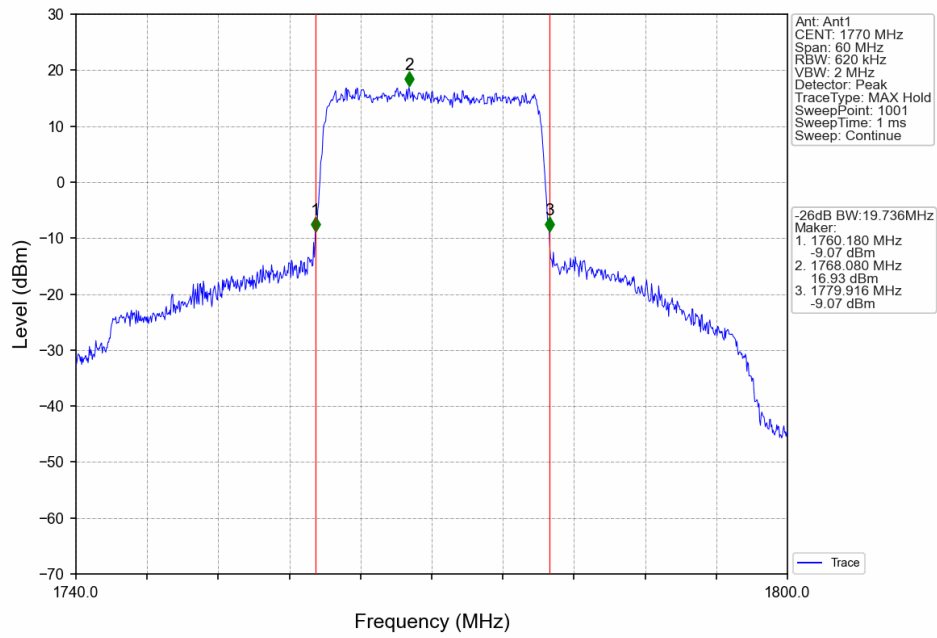
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



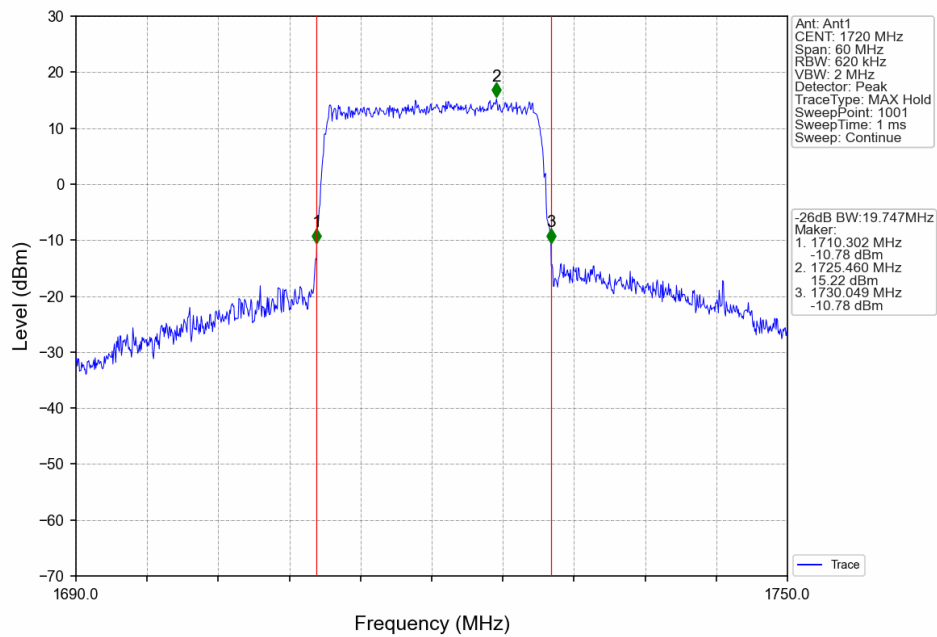
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



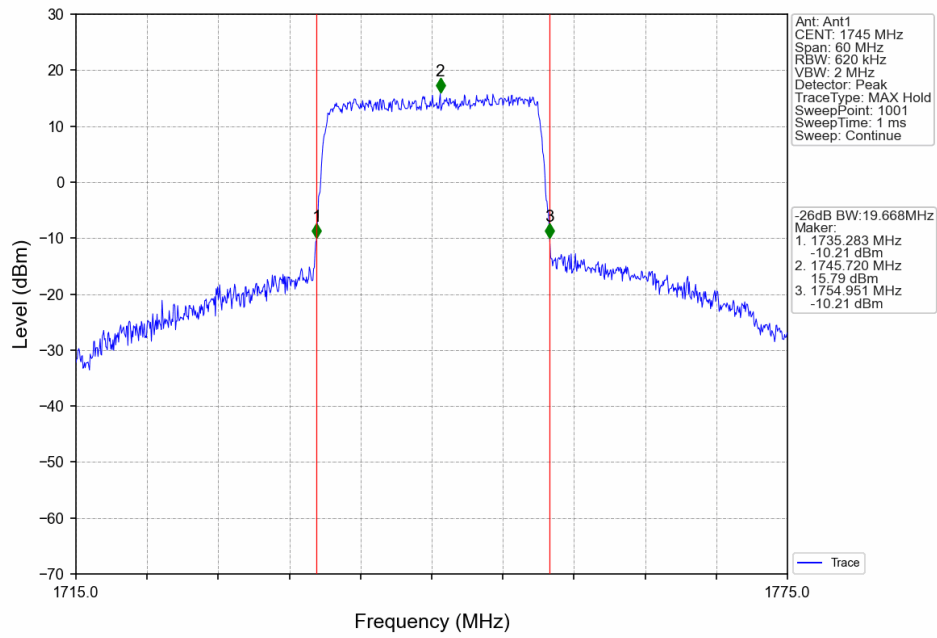
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



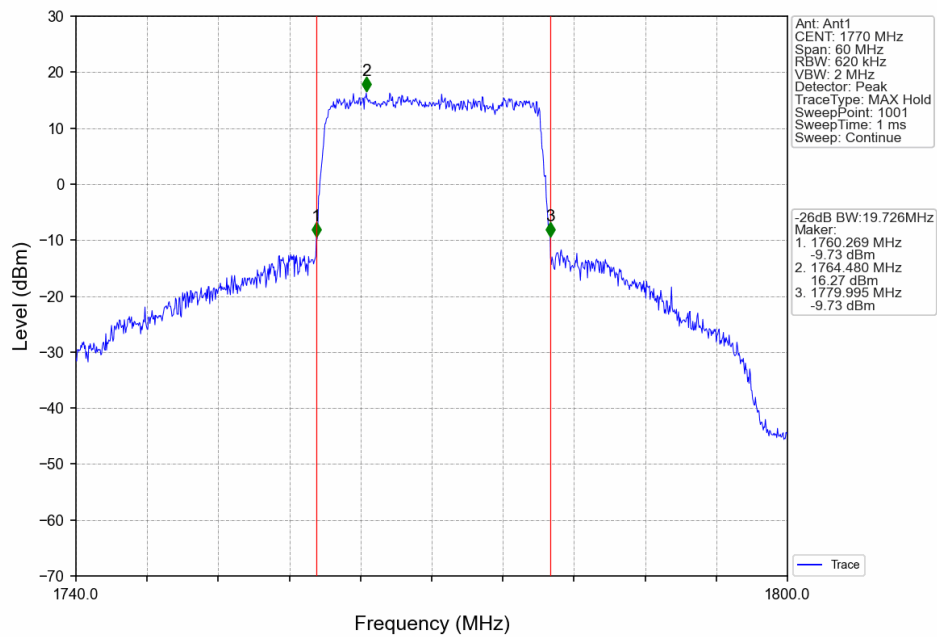
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



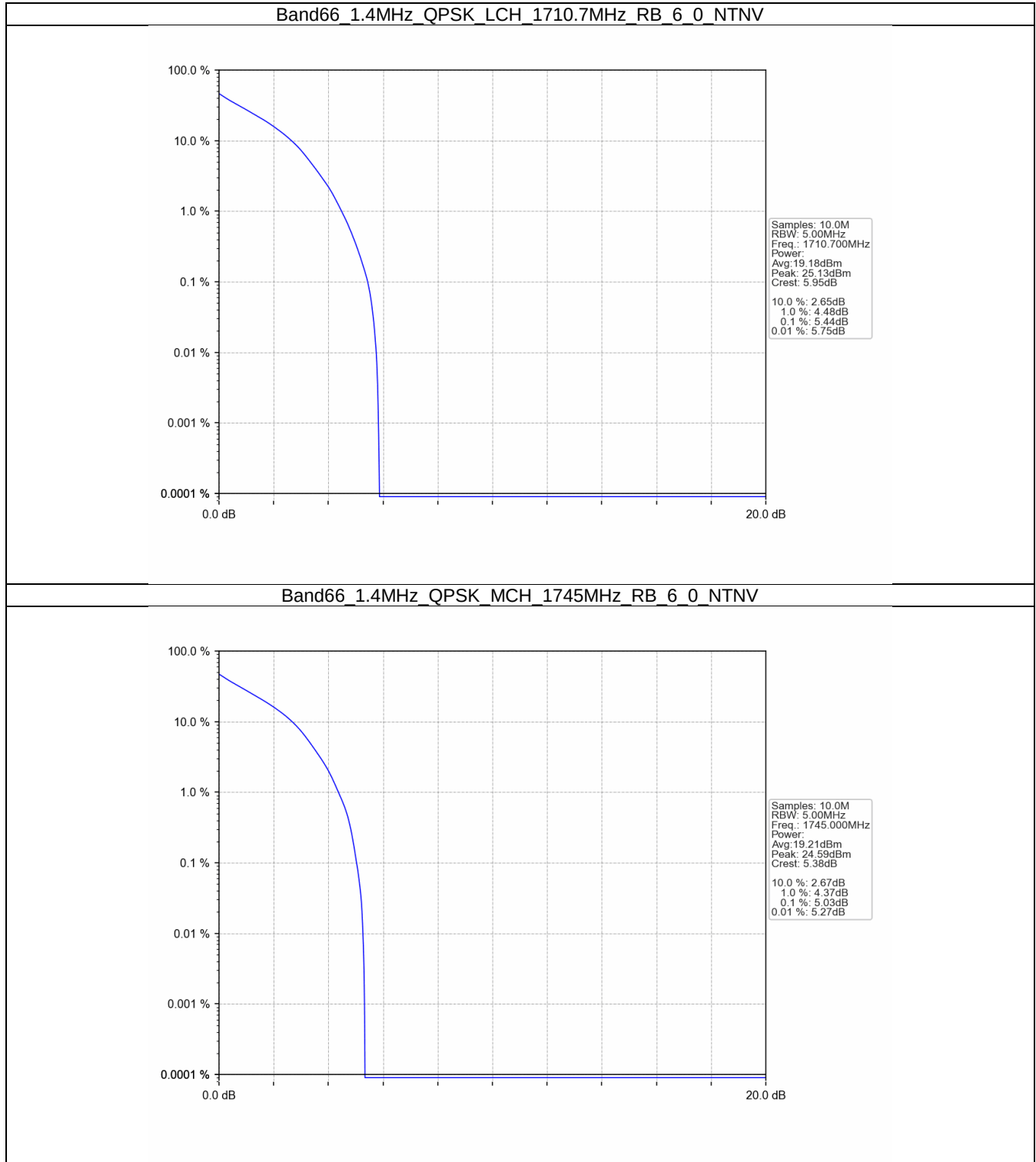
5. Peak-Average Ratio

5.1 B66_1.4MHz

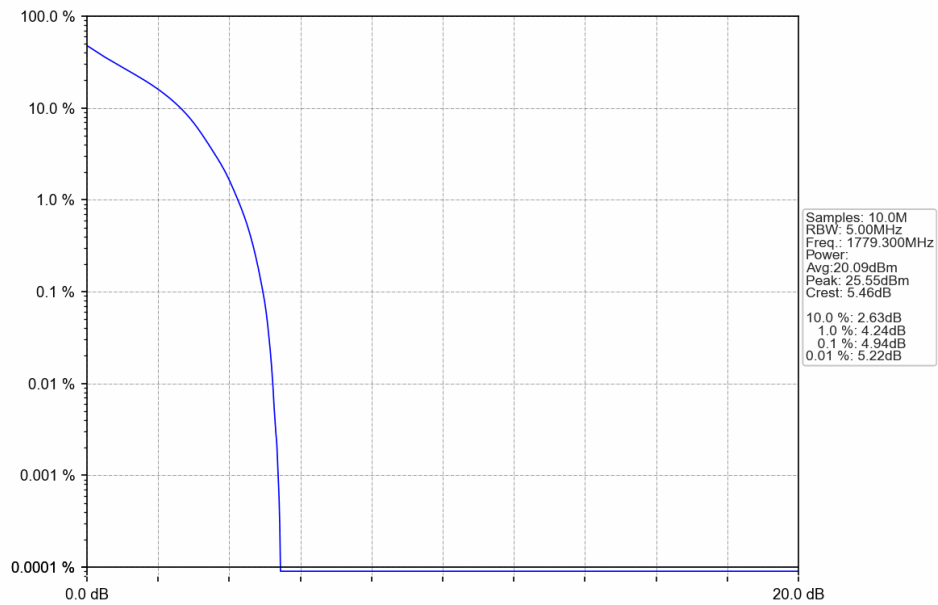
5.1.1 Test Result

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	5.44	<=13	Pass
	1745	6	0	5.03	<=13	Pass
	1779.3	6	0	4.94	<=13	Pass
16QAM	1710.7	6	0	6.19	<=13	Pass
	1745	6	0	5.79	<=13	Pass
	1779.3	6	0	5.75	<=13	Pass

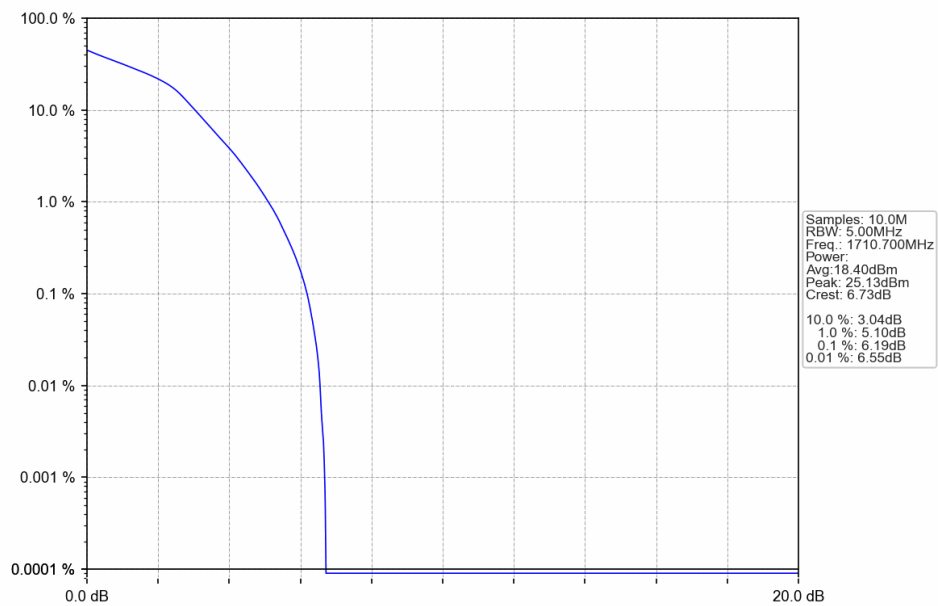
5.1.2 Test Graph



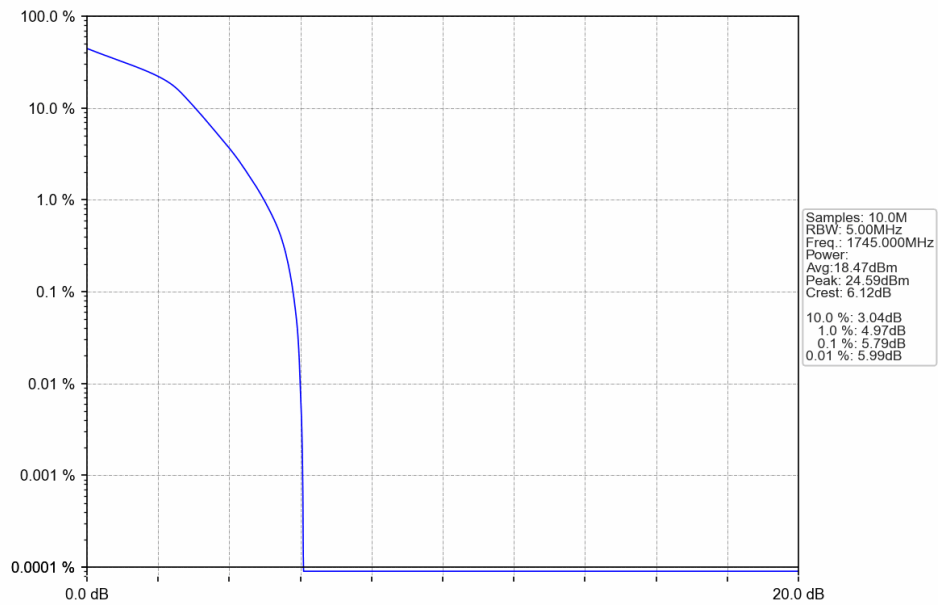
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



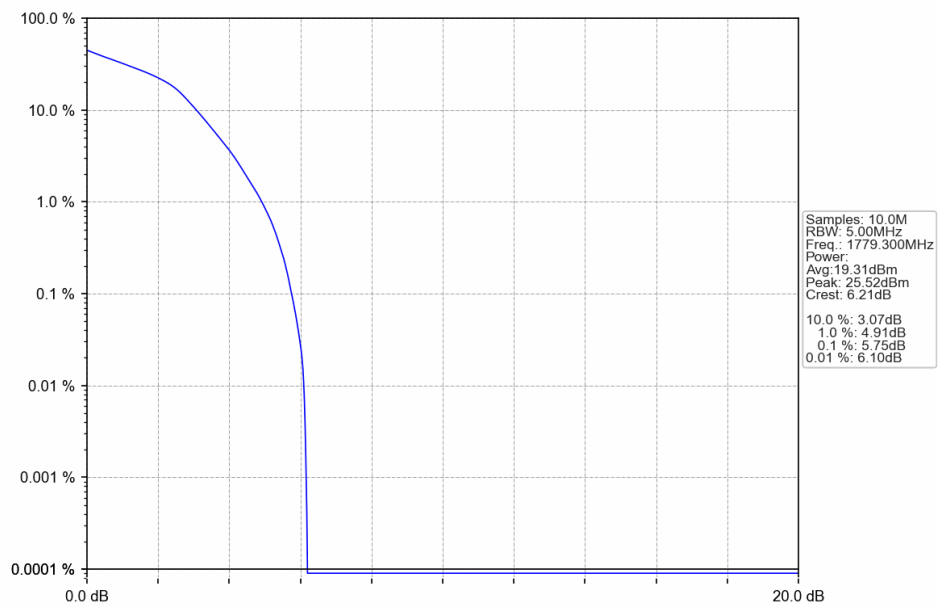
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

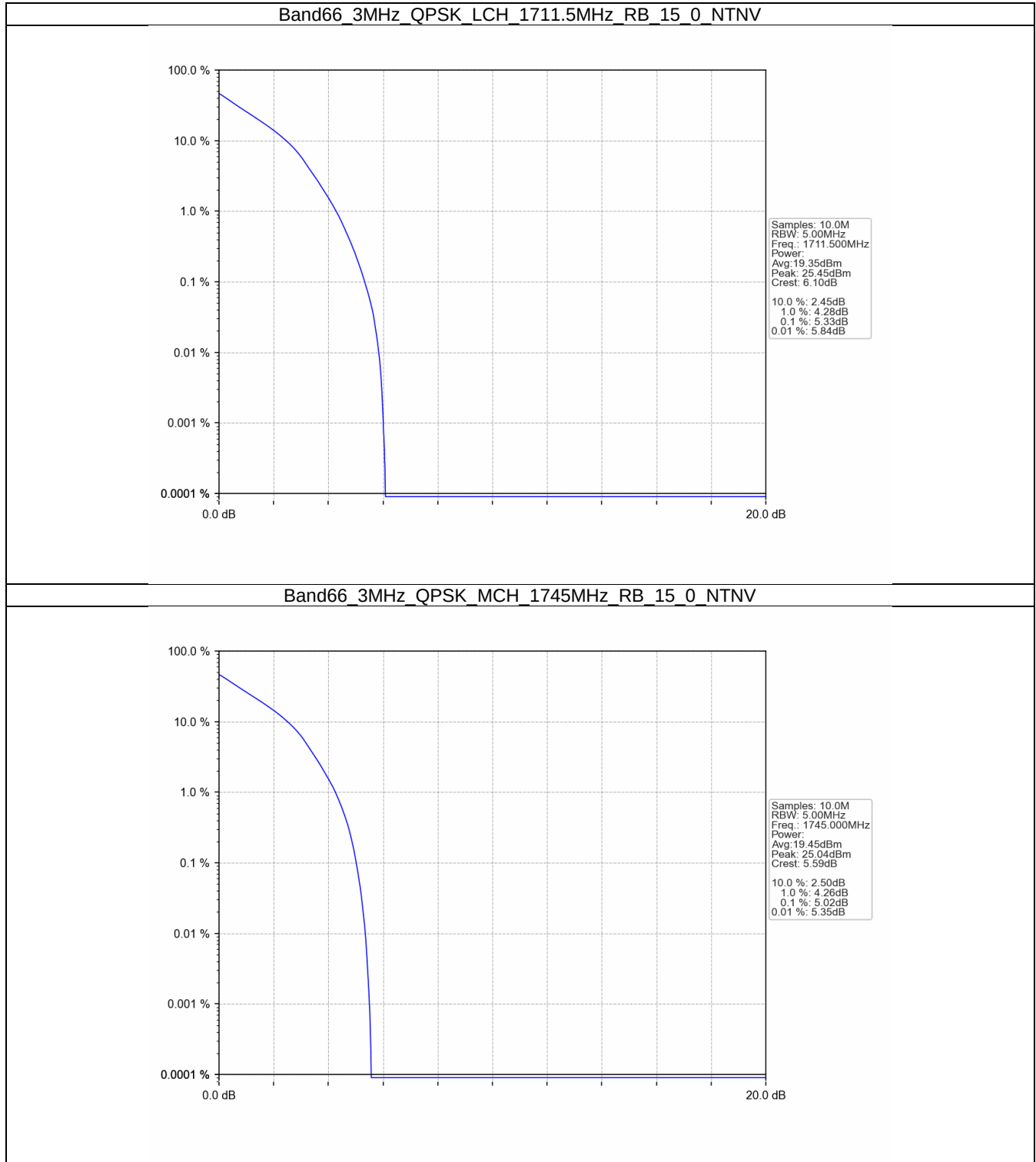


5.2 B66_3MHz

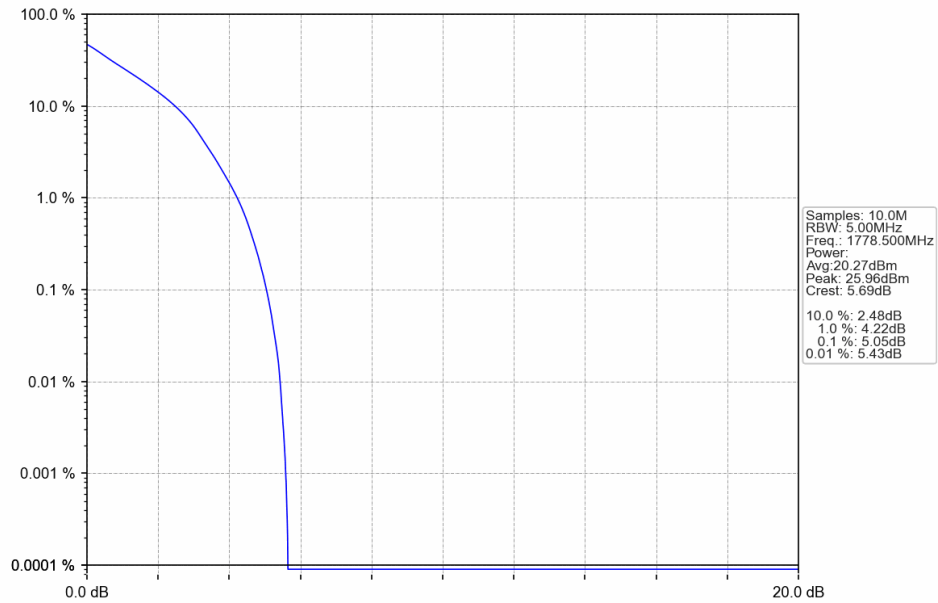
5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.33	<=13	Pass
	1745	15	0	5.02	<=13	Pass
	1778.5	15	0	5.05	<=13	Pass
16QAM	1711.5	15	0	6.08	<=13	Pass
	1745	15	0	5.74	<=13	Pass
	1778.5	15	0	5.82	<=13	Pass

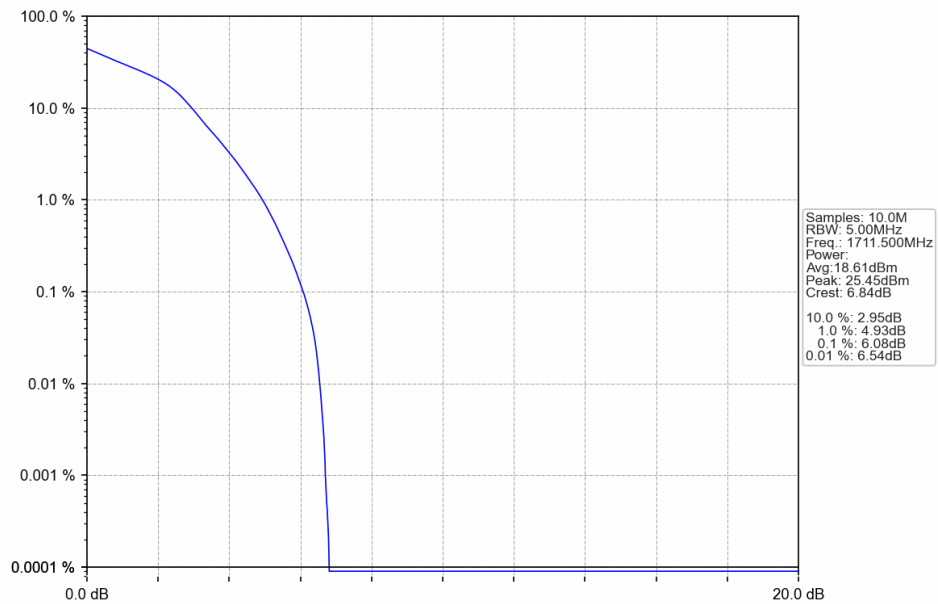
5.2.2 Test Graph



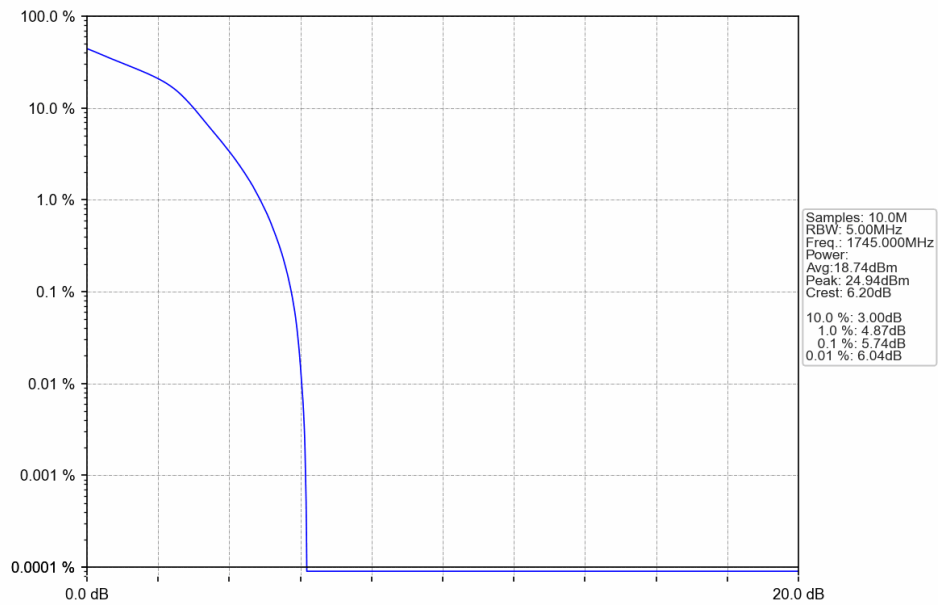
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



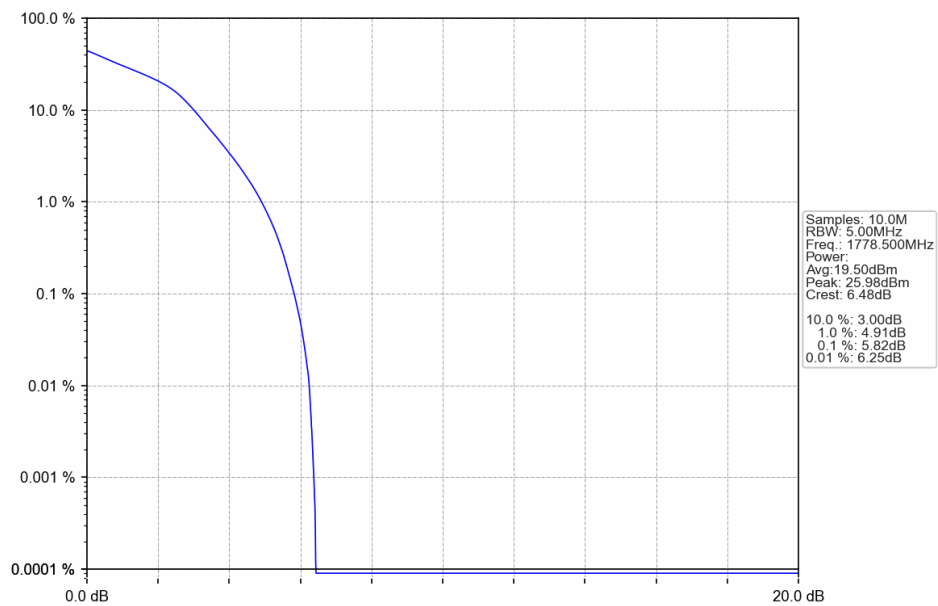
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

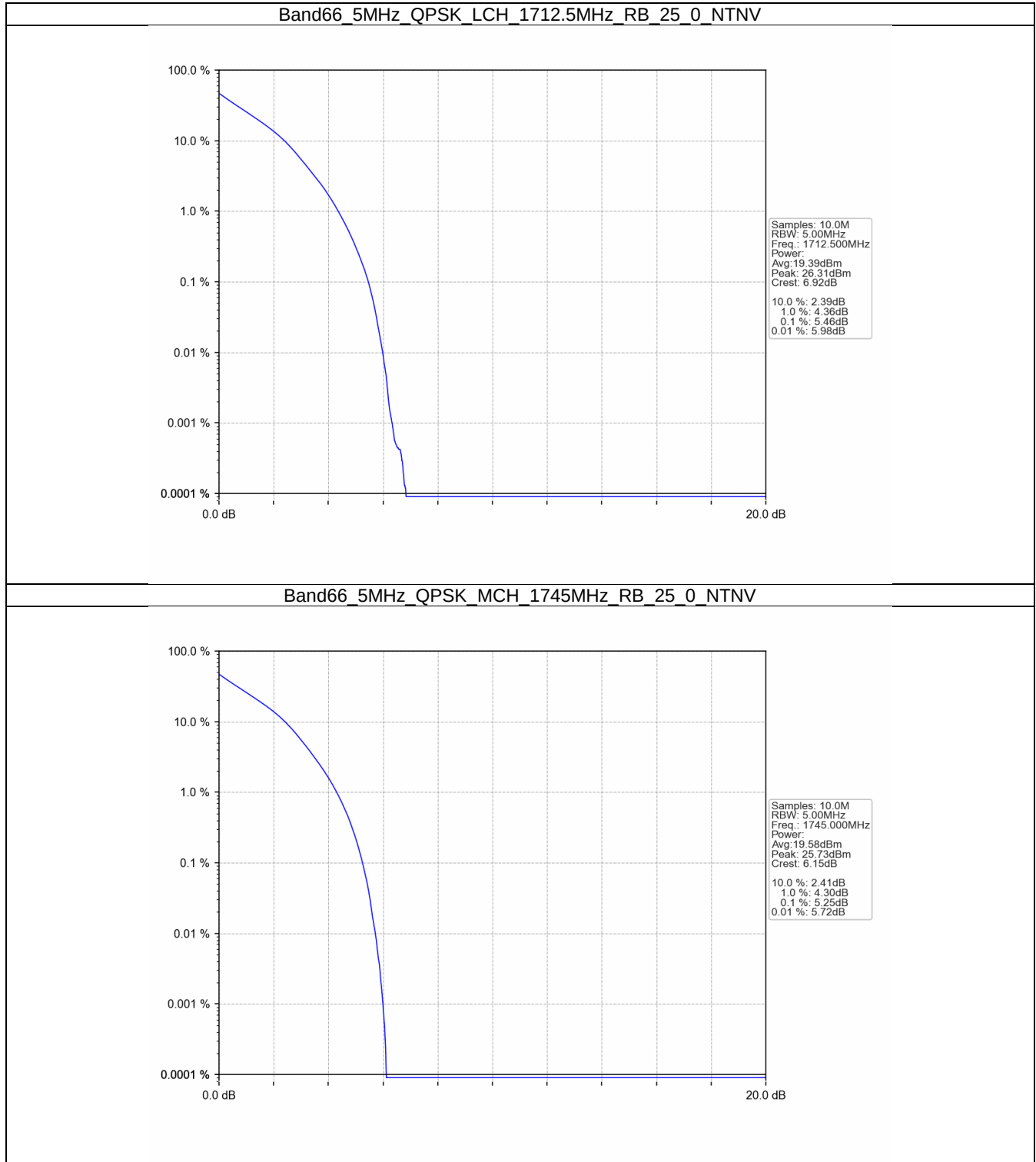


5.3 B66_5MHz

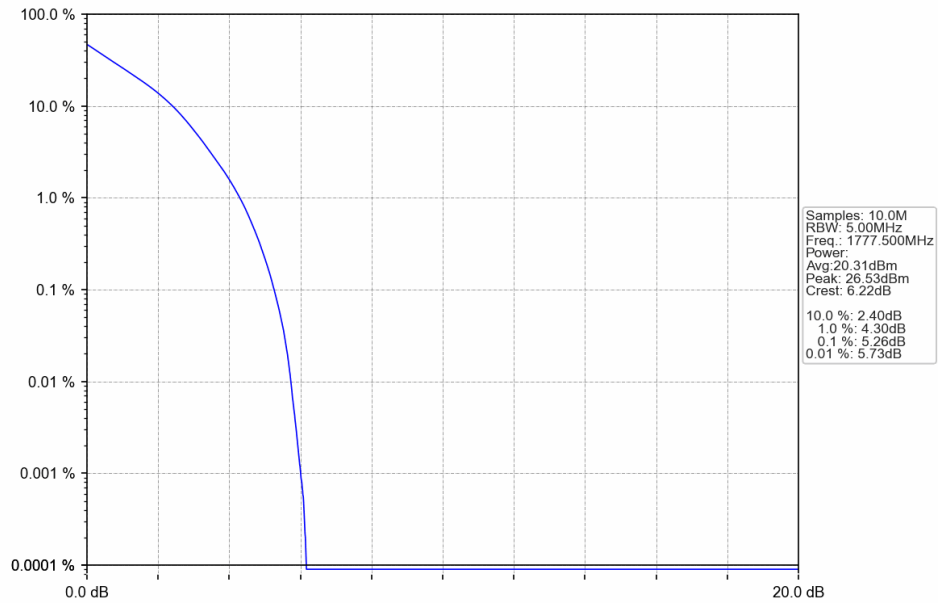
5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.46	<=13	Pass
	1745	25	0	5.25	<=13	Pass
	1777.5	25	0	5.26	<=13	Pass
16QAM	1712.5	25	0	6.10	<=13	Pass
	1745	25	0	5.88	<=13	Pass
	1777.5	25	0	5.92	<=13	Pass

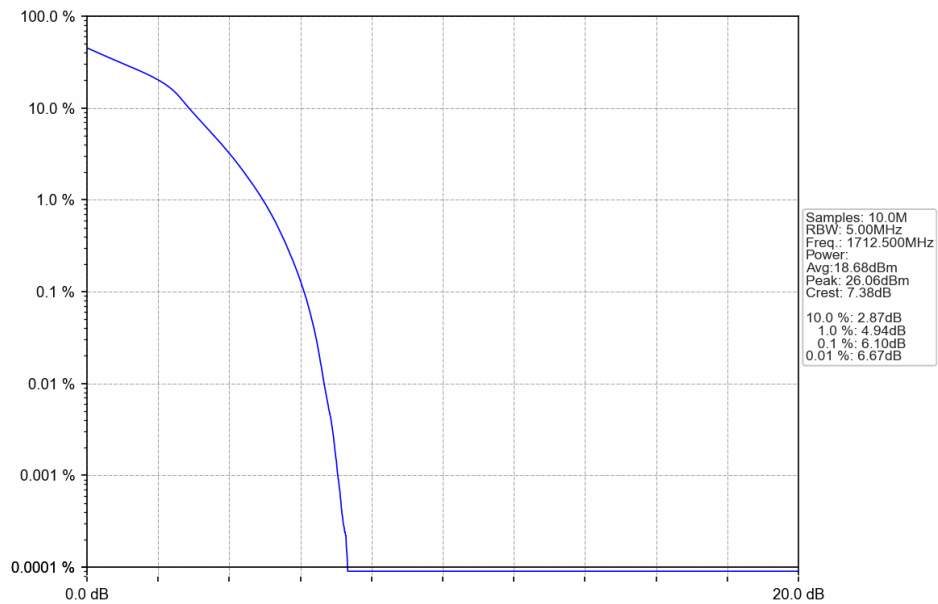
5.3.2 Test Graph



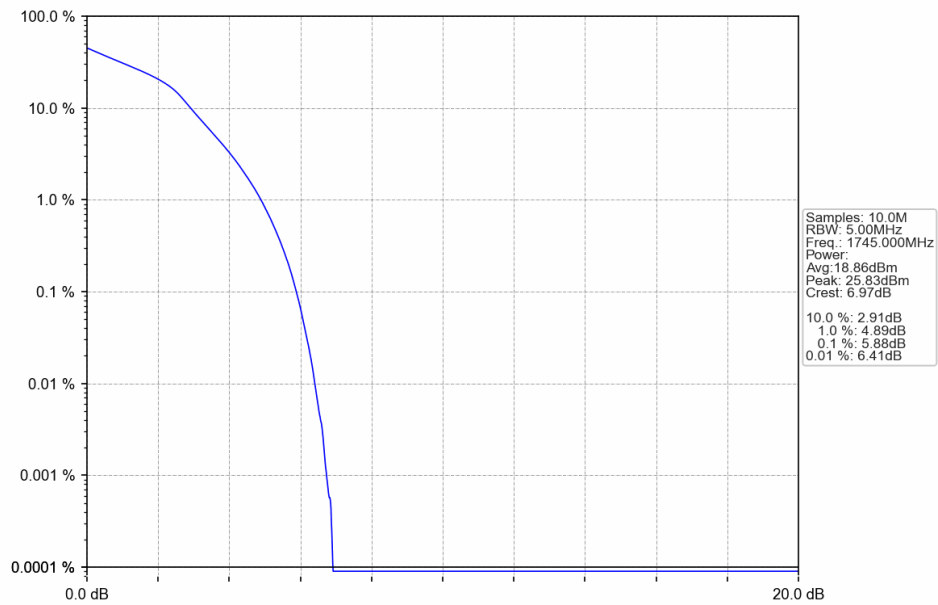
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



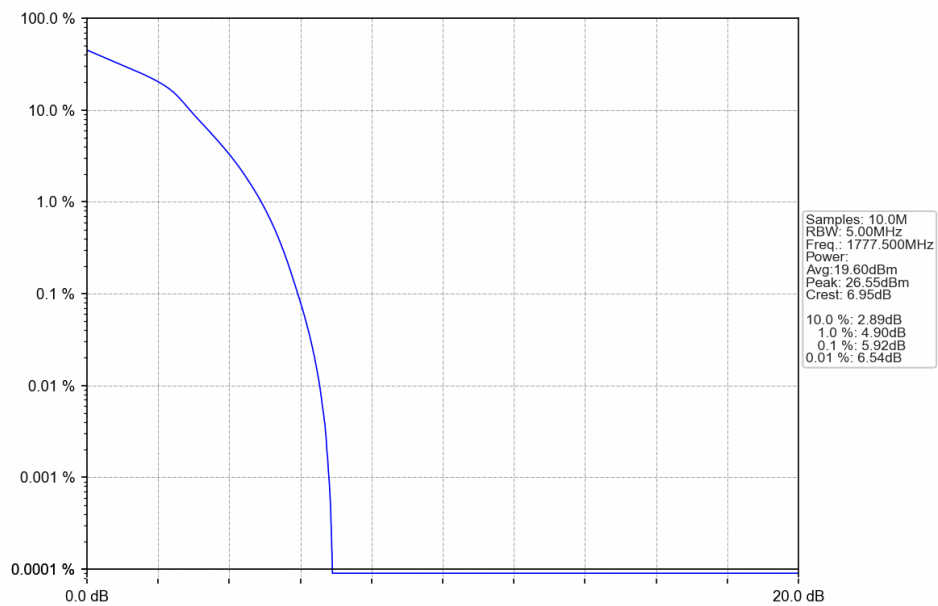
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

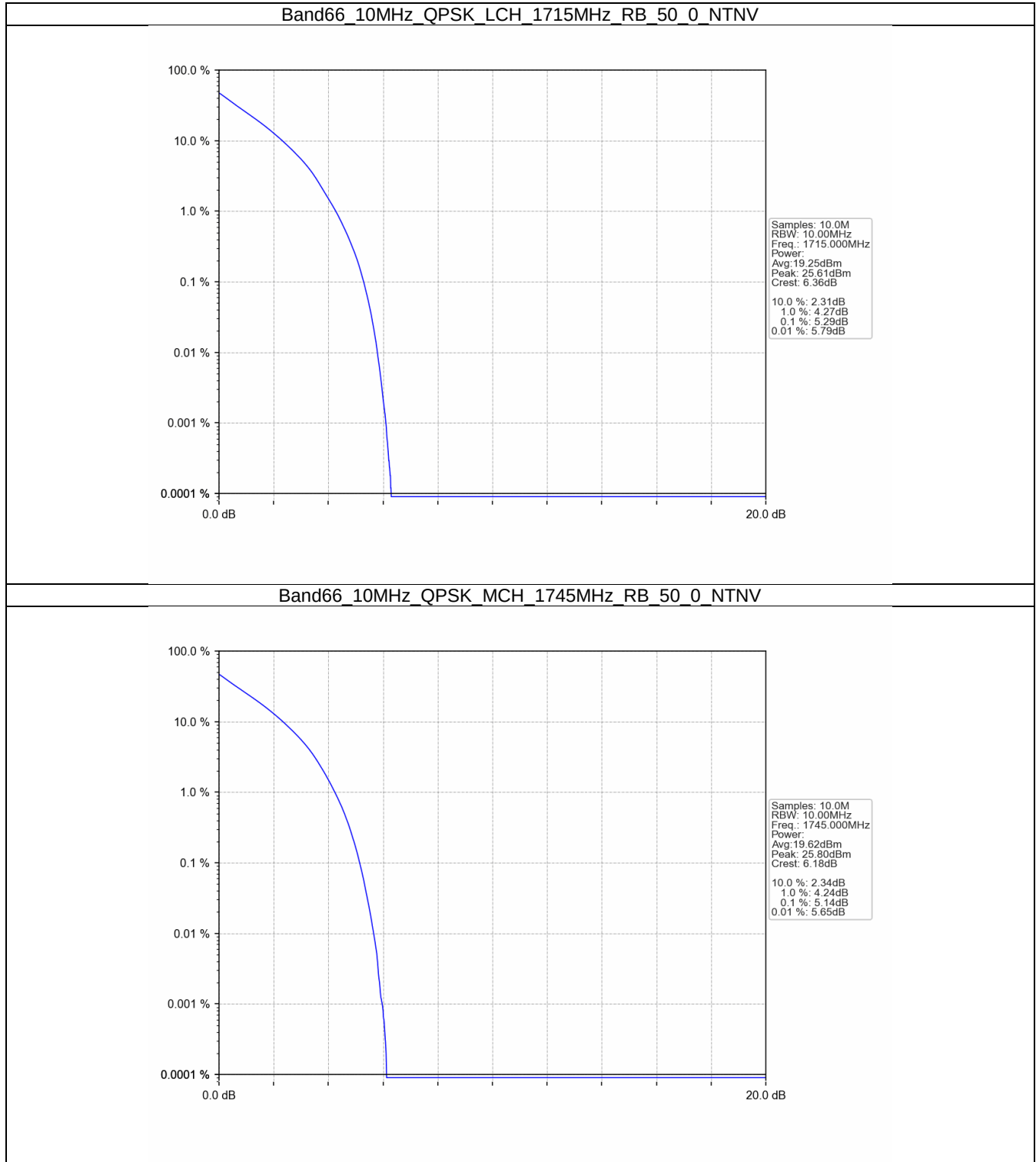


5.4 B66_10MHz

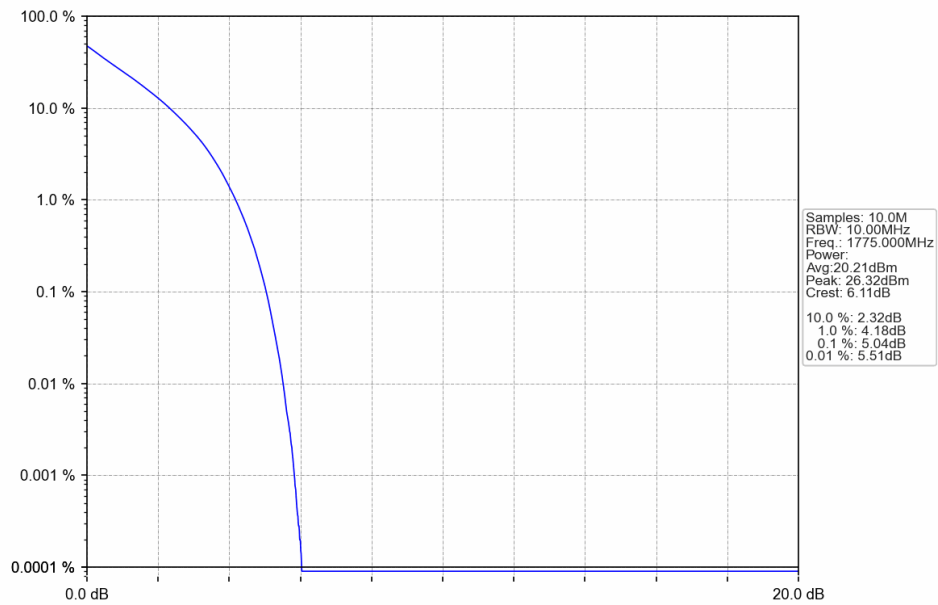
5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.29	<=13	Pass
	1745	50	0	5.14	<=13	Pass
	1775	50	0	5.04	<=13	Pass
16QAM	1715	50	0	6.01	<=13	Pass
	1745	50	0	5.85	<=13	Pass
	1775	50	0	5.77	<=13	Pass

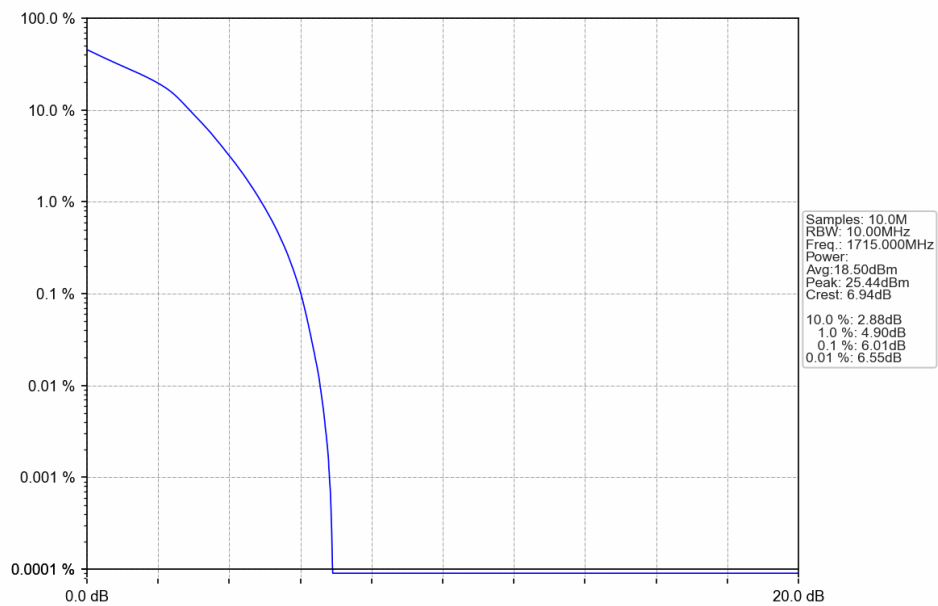
5.4.2 Test Graph



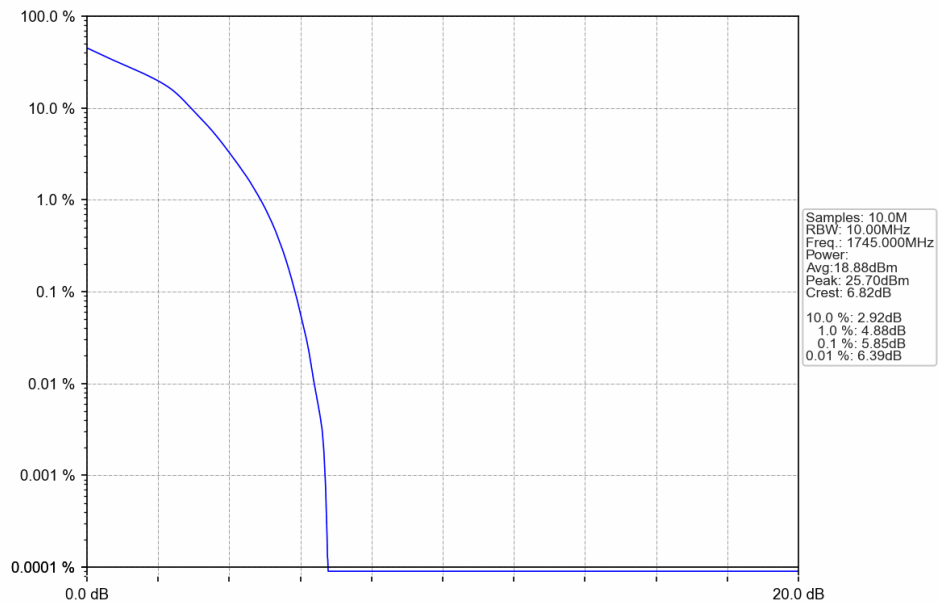
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



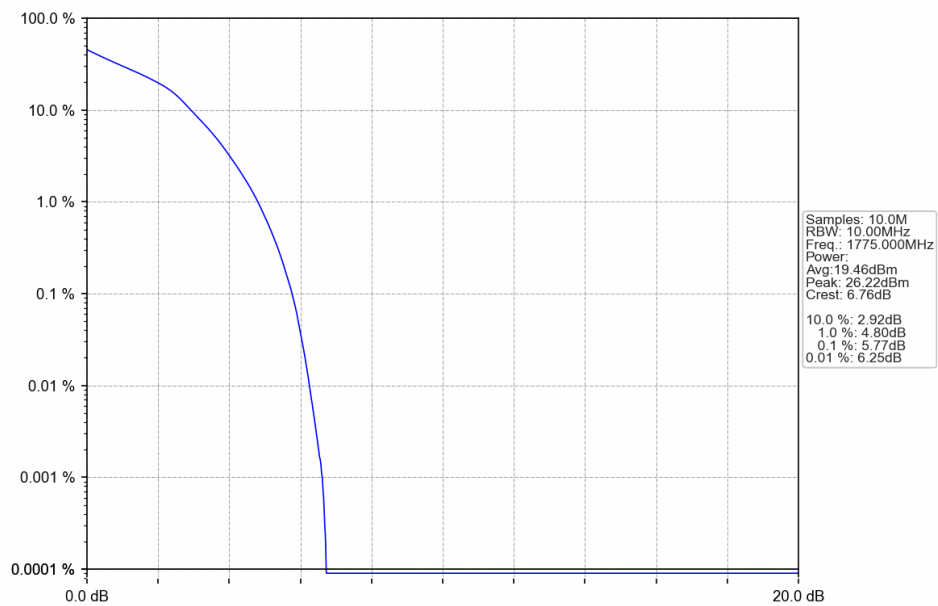
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



5.5 B66_15MHz

5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.09	<=13	Pass
	1745	75	0	5.11	<=13	Pass
	1772.5	75	0	5.08	<=13	Pass
16QAM	1717.5	75	0	6.09	<=13	Pass
	1745	75	0	6.06	<=13	Pass
	1772.5	75	0	5.98	<=13	Pass