

FCC LTE Band Test Data

FCC ID : 2AZHU-SQ62

Company: : Shenzhen Zigxico Technology Co., Ltd

EUT : Smart Camera

Model Number : SQ62

Reviewed By : 

1. Conducted Power

1.1 Test Result

1.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1710.7	1	0	25.81	Pass
			2	25.74	Pass
			5	25.79	Pass
		3	0	25.72	Pass
			2	25.70	Pass
			3	25.73	Pass
		6	0	24.86	Pass
	1745	1	0	25.67	Pass
			2	25.68	Pass
			5	25.68	Pass
		3	0	25.63	Pass
			2	25.69	Pass
			3	25.66	Pass
		6	0	24.63	Pass
	1779.3	1	0	25.17	Pass
			2	25.11	Pass
			5	25.07	Pass
		3	0	24.93	Pass
			2	24.92	Pass
			3	24.91	Pass
		6	0	24.10	Pass
16QAM	1710.7	1	0	24.82	Pass
			2	24.76	Pass
			5	24.85	Pass
		3	0	24.82	Pass
			2	24.79	Pass
			3	24.79	Pass
		6	0	23.76	Pass
	1745	1	0	24.76	Pass
			2	24.76	Pass
			5	24.78	Pass
		3	0	24.58	Pass
			2	24.59	Pass
			3	24.59	Pass
		6	0	23.76	Pass
	1779.3	1	0	24.08	Pass
			2	24.04	Pass
			5	24.10	Pass
		3	0	24.03	Pass
			2	24.02	Pass
			3	24.04	Pass
		6	0	23.05	Pass

1.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV				
Modulation	Frequency	RB Allocation	Conducted Power	Verdict

	(MHz)	Size	Offset	(dBm)	
QPSK	1711.5	1	0	25.77	Pass
			7	25.73	Pass
			14	25.59	Pass
		8	0	24.86	Pass
			4	24.89	Pass
			7	24.91	Pass
		15	0	24.89	Pass
	1745	1	0	25.69	Pass
			7	25.76	Pass
			14	25.73	Pass
		8	0	24.72	Pass
			4	24.74	Pass
			7	24.74	Pass
		15	0	24.73	Pass
	1778.5	1	0	25.01	Pass
			7	24.98	Pass
			14	24.86	Pass
		8	0	24.22	Pass
			4	24.11	Pass
			7	24.09	Pass
		15	0	24.10	Pass
16QAM	1711.5	1	0	25.20	Pass
			7	25.19	Pass
			14	25.14	Pass
		8	0	23.98	Pass
			4	24.01	Pass
			7	23.97	Pass
		15	0	23.92	Pass
	1745	1	0	24.70	Pass
			7	24.77	Pass
			14	24.67	Pass
		8	0	23.83	Pass
			4	23.88	Pass
			7	23.92	Pass
		15	0	23.85	Pass
	1778.5	1	0	24.25	Pass
			7	24.20	Pass
			14	24.12	Pass
		8	0	23.22	Pass
			4	23.17	Pass
			7	23.15	Pass
		15	0	23.15	Pass

1.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1712.5	1	0	25.91	Pass
			13	25.70	Pass
			24	25.74	Pass
		12	0	24.89	Pass
			6	24.92	Pass
			13	24.86	Pass
		25	0	24.91	Pass
	1745	1	0	25.81	Pass

			13	25.77	Pass
			24	25.80	Pass
			0	24.69	Pass
		12	6	24.77	Pass
			13	24.80	Pass
		25	0	24.71	Pass
	1777.5	1	0	25.51	Pass
			13	25.07	Pass
			24	24.93	Pass
		12	0	24.35	Pass
			6	24.24	Pass
			13	24.05	Pass
		25	0	24.20	Pass
16QAM	1712.5	1	0	24.78	Pass
			13	24.70	Pass
			24	24.73	Pass
		12	0	23.88	Pass
			6	23.85	Pass
			13	23.83	Pass
		25	0	23.86	Pass
	1745	1	0	24.85	Pass
			13	24.81	Pass
			24	24.90	Pass
		12	0	23.74	Pass
			6	23.84	Pass
			13	23.89	Pass
		25	0	23.82	Pass
	1777.5	1	0	24.69	Pass
			13	24.32	Pass
			24	24.29	Pass
		12	0	23.34	Pass
			6	23.28	Pass
			13	23.13	Pass
		25	0	23.23	Pass

1.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1715	1	0	25.93	Pass
			25	25.56	Pass
			49	25.68	Pass
		25	0	24.68	Pass
			13	24.71	Pass
			25	24.54	Pass
		50	0	24.62	Pass
	1745	1	0	25.61	Pass
			25	25.68	Pass
			49	25.63	Pass
		25	0	24.34	Pass
			13	24.55	Pass
			25	24.54	Pass
		50	0	24.43	Pass
	1775	1	0	25.82	Pass
			25	25.32	Pass
			49	24.99	Pass

		25	0	24.71	Pass
			13	24.57	Pass
			25	24.10	Pass
		50	0	24.50	Pass
16QAM	1715	1	0	25.19	Pass
			25	25.06	Pass
			49	25.14	Pass
		12	0	24.75	Pass
			19	24.64	Pass
			38	24.70	Pass
		27	0	23.55	Pass
	1745	1	0	24.59	Pass
			25	24.59	Pass
			49	24.71	Pass
		12	0	24.54	Pass
			19	24.58	Pass
			38	24.71	Pass
		27	0	23.54	Pass
	1775	1	0	24.96	Pass
			25	24.65	Pass
			49	24.22	Pass
		12	0	24.74	Pass
			19	24.50	Pass
			38	24.11	Pass
		27	23	23.20	Pass

1.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1717.5	1	0	26.02	Pass
			38	25.78	Pass
			74	25.80	Pass
		36	0	24.91	Pass
			18	24.89	Pass
			39	24.79	Pass
		75	0	24.78	Pass
	1745	1	0	25.65	Pass
			38	25.88	Pass
			74	25.79	Pass
		36	0	24.57	Pass
			18	24.79	Pass
			39	24.82	Pass
		75	0	24.65	Pass
	1772.5	1	0	26.12	Pass
			38	25.84	Pass
			74	25.19	Pass
		36	0	25.18	Pass
			18	25.05	Pass
			39	24.61	Pass
		75	0	24.92	Pass
16QAM	1717.5	1	0	25.14	Pass
			38	25.02	Pass
			74	25.05	Pass
		12	0	24.68	Pass
			31	24.71	Pass

		27	63	24.46	Pass
			0	23.77	Pass
	1745	1	0	24.59	Pass
			38	25.00	Pass
			74	25.12	Pass
		12	0	24.39	Pass
			31	24.82	Pass
			63	24.71	Pass
		27	0	23.67	Pass
	1772.5	1	0	25.34	Pass
			38	25.21	Pass
			74	24.61	Pass
		12	0	24.90	Pass
			31	24.87	Pass
			63	24.13	Pass
		27	48	23.40	Pass

1.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Verdict
		Size	Offset		
QPSK	1720	1	0	25.99	Pass
			50	25.68	Pass
			99	25.67	Pass
		50	0	24.82	Pass
			25	24.77	Pass
			50	24.55	Pass
		100	0	24.59	Pass
	1745	1	0	25.70	Pass
			50	25.80	Pass
			99	25.86	Pass
		50	0	24.43	Pass
			25	24.75	Pass
			50	24.71	Pass
		100	0	24.59	Pass
	1770	1	0	26.12	Pass
			50	25.86	Pass
			99	25.13	Pass
		50	0	25.24	Pass
			25	25.23	Pass
			50	24.78	Pass
		100	0	25.10	Pass
			0	25.26	Pass
16QAM	1720	1	50	25.16	Pass
			99	25.11	Pass
			0	24.67	Pass
		12	44	24.66	Pass
			88	24.37	Pass
			0	23.69	Pass
		27	0	23.69	Pass
	1745	1	0	25.02	Pass
			50	25.19	Pass
			99	25.38	Pass
		12	0	24.37	Pass
			44	24.75	Pass
			88	24.80	Pass
		27	0	23.46	Pass

	1770	1	0	25.42	Pass
			50	25.32	Pass
			99	24.65	Pass
		12	0	24.97	Pass
			44	24.94	Pass
			88	24.14	Pass
		27	73	23.44	Pass

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	23.203	0.0136	-2.5 to 2.5	Pass
					3.85	19.941	0.0117	-2.5 to 2.5	Pass
					4.43	16.809	0.0098	-2.5 to 2.5	Pass
				-30	3.85	18.668	0.0109	-2.5 to 2.5	Pass
				-20	3.85	16.923	0.0099	-2.5 to 2.5	Pass
				-10	3.85	15.178	0.0089	-2.5 to 2.5	Pass
				0	3.85	16.108	0.0094	-2.5 to 2.5	Pass
				10	3.85	16.680	0.0098	-2.5 to 2.5	Pass
				30	3.85	19.383	0.0113	-2.5 to 2.5	Pass
				40	3.85	13.862	0.0081	-2.5 to 2.5	Pass
				50	3.85	16.251	0.0095	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	19.941	0.0114	-2.5 to 2.5	Pass
					3.85	18.482	0.0106	-2.5 to 2.5	Pass
					4.43	20.385	0.0117	-2.5 to 2.5	Pass
				-30	3.85	17.080	0.0098	-2.5 to 2.5	Pass
				-20	3.85	15.607	0.0089	-2.5 to 2.5	Pass
				-10	3.85	17.867	0.0102	-2.5 to 2.5	Pass
				0	3.85	16.694	0.0096	-2.5 to 2.5	Pass
				10	3.85	17.023	0.0098	-2.5 to 2.5	Pass
				30	3.85	15.349	0.0088	-2.5 to 2.5	Pass
				40	3.85	17.552	0.0101	-2.5 to 2.5	Pass
				50	3.85	19.441	0.0111	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	18.940	0.0106	-2.5 to 2.5	Pass
					3.85	17.180	0.0097	-2.5 to 2.5	Pass
					4.43	16.966	0.0095	-2.5 to 2.5	Pass
				-30	3.85	17.524	0.0098	-2.5 to 2.5	Pass
				-20	3.85	18.482	0.0104	-2.5 to 2.5	Pass
				-10	3.85	19.326	0.0109	-2.5 to 2.5	Pass
				0	3.85	17.080	0.0096	-2.5 to 2.5	Pass
				10	3.85	19.298	0.0108	-2.5 to 2.5	Pass
				30	3.85	15.135	0.0085	-2.5 to 2.5	Pass
				40	3.85	16.837	0.0095	-2.5 to 2.5	Pass
				50	3.85	16.608	0.0093	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	20.170	0.0118	-2.5 to 2.5	Pass
					3.85	-11.616	-0.0068	-2.5 to 2.5	Pass
					4.43	-16.165	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-16.694	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-15.607	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	11.587	0.0068	-2.5 to 2.5	Pass
				0	3.85	12.431	0.0073	-2.5 to 2.5	Pass
				10	3.85	-21.086	-0.0123	-2.5 to 2.5	Pass
				30	3.85	10.772	0.0063	-2.5 to 2.5	Pass
				40	3.85	-13.719	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-13.890	-0.0081	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	12.660	0.0073	-2.5 to 2.5	Pass
					3.85	-9.956	-0.0057	-2.5 to 2.5	Pass
					4.43	-12.789	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-15.121	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-13.018	-0.0075	-2.5 to 2.5	Pass

				-10	3.85	10.271	0.0059	-2.5 to 2.5	Pass
				0	3.85	11.144	0.0064	-2.5 to 2.5	Pass
				10	3.85	11.430	0.0066	-2.5 to 2.5	Pass
				30	3.85	15.335	0.0088	-2.5 to 2.5	Pass
				40	3.85	16.494	0.0095	-2.5 to 2.5	Pass
				50	3.85	16.637	0.0095	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	14.448	0.0081	-2.5 to 2.5	Pass
					3.85	21.129	0.0119	-2.5 to 2.5	Pass
					4.43	16.637	0.0094	-2.5 to 2.5	Pass
				-30	3.85	21.858	0.0123	-2.5 to 2.5	Pass
				-20	3.85	20.771	0.0117	-2.5 to 2.5	Pass
				-10	3.85	13.561	0.0076	-2.5 to 2.5	Pass
				0	3.85	12.031	0.0068	-2.5 to 2.5	Pass
				10	3.85	19.741	0.0111	-2.5 to 2.5	Pass
				30	3.85	19.298	0.0108	-2.5 to 2.5	Pass
				40	3.85	14.534	0.0082	-2.5 to 2.5	Pass
				50	3.85	13.790	0.0078	-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	19.813	0.0116	-2.5 to 2.5	Pass
					3.85	18.296	0.0107	-2.5 to 2.5	Pass
					4.43	17.610	0.0103	-2.5 to 2.5	Pass
				-30	3.85	16.136	0.0094	-2.5 to 2.5	Pass
				-20	3.85	16.336	0.0095	-2.5 to 2.5	Pass
				-10	3.85	16.265	0.0095	-2.5 to 2.5	Pass
				0	3.85	15.635	0.0091	-2.5 to 2.5	Pass
				10	3.85	16.179	0.0095	-2.5 to 2.5	Pass
				30	3.85	18.311	0.0107	-2.5 to 2.5	Pass
				40	3.85	11.745	0.0069	-2.5 to 2.5	Pass
				50	3.85	16.150	0.0094	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	15.092	0.0086	-2.5 to 2.5	Pass
					3.85	17.095	0.0098	-2.5 to 2.5	Pass
					4.43	16.952	0.0097	-2.5 to 2.5	Pass
				-30	3.85	15.292	0.0088	-2.5 to 2.5	Pass
				-20	3.85	16.065	0.0092	-2.5 to 2.5	Pass
				-10	3.85	20.571	0.0118	-2.5 to 2.5	Pass
				0	3.85	14.491	0.0083	-2.5 to 2.5	Pass
				10	3.85	15.936	0.0091	-2.5 to 2.5	Pass
				30	3.85	13.719	0.0079	-2.5 to 2.5	Pass
				40	3.85	15.407	0.0088	-2.5 to 2.5	Pass
				50	3.85	16.093	0.0092	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	17.581	0.0099	-2.5 to 2.5	Pass
					3.85	15.221	0.0086	-2.5 to 2.5	Pass
					4.43	17.109	0.0096	-2.5 to 2.5	Pass
				-30	3.85	17.023	0.0096	-2.5 to 2.5	Pass
				-20	3.85	14.176	0.0080	-2.5 to 2.5	Pass
				-10	3.85	18.096	0.0102	-2.5 to 2.5	Pass
				0	3.85	13.547	0.0076	-2.5 to 2.5	Pass
				10	3.85	17.695	0.0099	-2.5 to 2.5	Pass
				30	3.85	15.664	0.0088	-2.5 to 2.5	Pass
				40	3.85	13.390	0.0075	-2.5 to 2.5	Pass
				50	3.85	11.516	0.0065	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	16.952	0.0099	-2.5 to 2.5	Pass

					3.85	-19.741	-0.0115	-2.5 to 2.5	Pass
					4.43	-6.366	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	4.721	0.0028	-2.5 to 2.5	Pass
				-20	3.85	7.410	0.0043	-2.5 to 2.5	Pass
				-10	3.85	19.841	0.0116	-2.5 to 2.5	Pass
				0	3.85	11.530	0.0067	-2.5 to 2.5	Pass
				10	3.85	17.152	0.0100	-2.5 to 2.5	Pass
				30	3.85	13.833	0.0081	-2.5 to 2.5	Pass
				40	3.85	14.963	0.0087	-2.5 to 2.5	Pass
				50	3.85	11.172	0.0065	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	-14.992	-0.0086	-2.5 to 2.5	Pass
					4.43	-9.513	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-18.883	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-11.916	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-8.955	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-13.232	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-14.577	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-13.533	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-11.501	-0.0066	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-2.804	-0.0016	-2.5 to 2.5	Pass
					3.85	-19.784	-0.0111	-2.5 to 2.5	Pass
					4.43	-11.544	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-16.308	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-13.690	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-4.134	-0.0023	-2.5 to 2.5	Pass
				0	3.85	17.223	0.0097	-2.5 to 2.5	Pass
				10	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				30	3.85	14.319	0.0081	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0015	-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	18.497	0.0108	-2.5 to 2.5	Pass
					3.85	20.070	0.0117	-2.5 to 2.5	Pass
					4.43	16.565	0.0097	-2.5 to 2.5	Pass
				-30	3.85	14.262	0.0083	-2.5 to 2.5	Pass
				-20	3.85	14.505	0.0085	-2.5 to 2.5	Pass
				-10	3.85	16.694	0.0097	-2.5 to 2.5	Pass
				0	3.85	15.421	0.0090	-2.5 to 2.5	Pass
				10	3.85	15.535	0.0091	-2.5 to 2.5	Pass
				30	3.85	15.106	0.0088	-2.5 to 2.5	Pass
				40	3.85	15.807	0.0092	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	5.522	0.0032	-2.5 to 2.5	Pass
					3.85	16.179	0.0093	-2.5 to 2.5	Pass
					4.43	15.292	0.0088	-2.5 to 2.5	Pass
				-30	3.85	18.668	0.0107	-2.5 to 2.5	Pass
				-20	3.85	15.020	0.0086	-2.5 to 2.5	Pass
				-10	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				0	3.85	19.984	0.0115	-2.5 to 2.5	Pass
				10	3.85	-9.713	-0.0056	-2.5 to 2.5	Pass

				30	3.85	7.181	0.0041	-2.5 to 2.5	Pass
				40	3.85	15.006	0.0086	-2.5 to 2.5	Pass
				50	3.85	14.591	0.0084	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	15.221	0.0086	-2.5 to 2.5	Pass
					3.85	15.221	0.0086	-2.5 to 2.5	Pass
					4.43	14.033	0.0079	-2.5 to 2.5	Pass
				-30	3.85	17.195	0.0097	-2.5 to 2.5	Pass
				-20	3.85	14.291	0.0080	-2.5 to 2.5	Pass
				-10	3.85	15.478	0.0087	-2.5 to 2.5	Pass
				0	3.85	14.434	0.0081	-2.5 to 2.5	Pass
				10	3.85	12.331	0.0069	-2.5 to 2.5	Pass
				30	3.85	14.219	0.0080	-2.5 to 2.5	Pass
				40	3.85	14.133	0.0080	-2.5 to 2.5	Pass
				50	3.85	18.096	0.0102	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-8.798	-0.0051	-2.5 to 2.5	Pass
					3.85	-17.710	-0.0103	-2.5 to 2.5	Pass
					4.43	-17.939	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-16.909	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-15.607	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				0	3.85	-20.700	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-18.425	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-17.796	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-18.382	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-15.478	-0.0090	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	5.593	0.0032	-2.5 to 2.5	Pass
					3.85	-19.155	-0.0110	-2.5 to 2.5	Pass
					4.43	-18.325	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-11.501	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-15.693	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-16.623	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-16.150	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-18.067	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-17.138	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-18.253	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-16.508	-0.0095	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-6.123	-0.0034	-2.5 to 2.5	Pass
					3.85	-18.625	-0.0105	-2.5 to 2.5	Pass
					4.43	-15.879	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-17.352	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-18.525	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-11.973	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-12.689	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-12.774	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-12.960	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-9.556	-0.0054	-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	18.168	0.0106	-2.5 to 2.5	Pass
					3.85	16.408	0.0096	-2.5 to 2.5	Pass
					4.43	14.505	0.0085	-2.5 to 2.5	Pass
				-30	3.85	13.676	0.0080	-2.5 to 2.5	Pass

				-20	3.85	16.265	0.0095	-2.5 to 2.5	Pass
				-10	3.85	15.421	0.0090	-2.5 to 2.5	Pass
				0	3.85	15.836	0.0092	-2.5 to 2.5	Pass
				10	3.85	15.793	0.0092	-2.5 to 2.5	Pass
				30	3.85	12.088	0.0070	-2.5 to 2.5	Pass
				40	3.85	15.378	0.0090	-2.5 to 2.5	Pass
				50	3.85	14.606	0.0085	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	19.541	0.0112	-2.5 to 2.5	Pass
					3.85	15.922	0.0091	-2.5 to 2.5	Pass
					4.43	15.621	0.0090	-2.5 to 2.5	Pass
				-30	3.85	12.646	0.0072	-2.5 to 2.5	Pass
				-20	3.85	16.766	0.0096	-2.5 to 2.5	Pass
				-10	3.85	17.066	0.0098	-2.5 to 2.5	Pass
				0	3.85	16.408	0.0094	-2.5 to 2.5	Pass
				10	3.85	14.219	0.0081	-2.5 to 2.5	Pass
				30	3.85	14.534	0.0083	-2.5 to 2.5	Pass
				40	3.85	14.906	0.0085	-2.5 to 2.5	Pass
				50	3.85	14.720	0.0084	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	20.328	0.0115	-2.5 to 2.5	Pass
					3.85	16.065	0.0091	-2.5 to 2.5	Pass
					4.43	15.879	0.0089	-2.5 to 2.5	Pass
				-30	3.85	16.251	0.0092	-2.5 to 2.5	Pass
				-20	3.85	15.078	0.0085	-2.5 to 2.5	Pass
				-10	3.85	16.122	0.0091	-2.5 to 2.5	Pass
				0	3.85	14.319	0.0081	-2.5 to 2.5	Pass
				10	3.85	15.907	0.0090	-2.5 to 2.5	Pass
				30	3.85	15.378	0.0087	-2.5 to 2.5	Pass
				40	3.85	12.589	0.0071	-2.5 to 2.5	Pass
				50	3.85	16.866	0.0095	-2.5 to 2.5	Pass
	16QAM	1715	27	0	20	3.27	7.038	0.0041	-2.5 to 2.5
3.85						-17.781	-0.0104	-2.5 to 2.5	Pass
4.43						-20.599	-0.0120	-2.5 to 2.5	Pass
-30					3.85	-11.086	-0.0065	-2.5 to 2.5	Pass
-20					3.85	-9.027	-0.0053	-2.5 to 2.5	Pass
-10					3.85	17.552	0.0102	-2.5 to 2.5	Pass
0					3.85	7.153	0.0042	-2.5 to 2.5	Pass
10					3.85	0.987	0.0006	-2.5 to 2.5	Pass
30					3.85	15.063	0.0088	-2.5 to 2.5	Pass
40					3.85	15.321	0.0089	-2.5 to 2.5	Pass
50					3.85	19.012	0.0111	-2.5 to 2.5	Pass
1745		27	0	20	3.27	2.747	0.0016	-2.5 to 2.5	Pass
					3.85	-18.311	-0.0105	-2.5 to 2.5	Pass
					4.43	-17.180	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-18.196	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-16.165	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-16.923	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0047	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				50	3.85	11.716	0.0067	-2.5 to 2.5	Pass
1775		27	23	20	3.27	-10.972	-0.0062	-2.5 to 2.5	Pass
					3.85	-18.997	-0.0107	-2.5 to 2.5	Pass
					4.43	-15.764	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-12.918	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-15.278	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-10.242	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-12.360	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-13.747	-0.0077	-2.5 to 2.5	Pass

				30	3.85	-16.265	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-16.694	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-18.497	-0.0104	-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	19.641	0.0114	-2.5 to 2.5	Pass
					3.85	17.910	0.0104	-2.5 to 2.5	Pass
					4.43	19.469	0.0113	-2.5 to 2.5	Pass
				-30	3.85	20.370	0.0119	-2.5 to 2.5	Pass
				-20	3.85	20.256	0.0118	-2.5 to 2.5	Pass
				-10	3.85	16.065	0.0094	-2.5 to 2.5	Pass
				0	3.85	15.249	0.0089	-2.5 to 2.5	Pass
				10	3.85	17.180	0.0100	-2.5 to 2.5	Pass
				30	3.85	16.780	0.0098	-2.5 to 2.5	Pass
				40	3.85	17.180	0.0100	-2.5 to 2.5	Pass
				50	3.85	15.535	0.0090	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	17.281	0.0099	-2.5 to 2.5	Pass
					3.85	15.965	0.0091	-2.5 to 2.5	Pass
					4.43	17.009	0.0097	-2.5 to 2.5	Pass
				-30	3.85	16.608	0.0095	-2.5 to 2.5	Pass
				-20	3.85	14.977	0.0086	-2.5 to 2.5	Pass
				-10	3.85	16.065	0.0092	-2.5 to 2.5	Pass
				0	3.85	16.580	0.0095	-2.5 to 2.5	Pass
				10	3.85	16.923	0.0097	-2.5 to 2.5	Pass
				30	3.85	15.893	0.0091	-2.5 to 2.5	Pass
				40	3.85	13.990	0.0080	-2.5 to 2.5	Pass
				50	3.85	16.723	0.0096	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	17.323	0.0098	-2.5 to 2.5	Pass
					3.85	16.551	0.0093	-2.5 to 2.5	Pass
					4.43	15.249	0.0086	-2.5 to 2.5	Pass
				-30	3.85	15.135	0.0085	-2.5 to 2.5	Pass
				-20	3.85	14.205	0.0080	-2.5 to 2.5	Pass
				-10	3.85	12.431	0.0070	-2.5 to 2.5	Pass
				0	3.85	15.278	0.0086	-2.5 to 2.5	Pass
				10	3.85	16.437	0.0093	-2.5 to 2.5	Pass
				30	3.85	13.518	0.0076	-2.5 to 2.5	Pass
				40	3.85	17.281	0.0097	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	-10.200	-0.0059	-2.5 to 2.5	Pass
					3.85	-16.408	-0.0096	-2.5 to 2.5	Pass
					4.43	-11.787	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-8.068	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-15.492	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-16.680	-0.0097	-2.5 to 2.5	Pass
				10	3.85	16.179	0.0094	-2.5 to 2.5	Pass
				30	3.85	10.943	0.0064	-2.5 to 2.5	Pass
				40	3.85	16.036	0.0093	-2.5 to 2.5	Pass
				50	3.85	12.503	0.0073	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	16.866	0.0097	-2.5 to 2.5	Pass
					3.85	-16.437	-0.0094	-2.5 to 2.5	Pass
					4.43	-19.569	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-14.248	-0.0082	-2.5 to 2.5	Pass

				-20	3.85	-16.551	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-16.623	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				10	3.85	16.079	0.0092	-2.5 to 2.5	Pass
				30	3.85	-21.257	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-15.550	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-19.684	-0.0113	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.27	17.338	0.0098	-2.5 to 2.5	Pass
					3.85	12.102	0.0068	-2.5 to 2.5	Pass
					4.43	15.907	0.0090	-2.5 to 2.5	Pass
				-30	3.85	15.178	0.0086	-2.5 to 2.5	Pass
				-20	3.85	16.522	0.0093	-2.5 to 2.5	Pass
				-10	3.85	13.032	0.0074	-2.5 to 2.5	Pass
				0	3.85	18.110	0.0102	-2.5 to 2.5	Pass
				10	3.85	11.973	0.0068	-2.5 to 2.5	Pass
				30	3.85	18.296	0.0103	-2.5 to 2.5	Pass
				40	3.85	16.651	0.0094	-2.5 to 2.5	Pass
				50	3.85	17.552	0.0099	-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	19.755	0.0115	-2.5 to 2.5	Pass
					3.85	18.926	0.0110	-2.5 to 2.5	Pass
					4.43	14.434	0.0084	-2.5 to 2.5	Pass
				-30	3.85	14.906	0.0087	-2.5 to 2.5	Pass
				-20	3.85	16.608	0.0097	-2.5 to 2.5	Pass
				-10	3.85	17.953	0.0104	-2.5 to 2.5	Pass
				0	3.85	14.892	0.0087	-2.5 to 2.5	Pass
				10	3.85	16.637	0.0097	-2.5 to 2.5	Pass
				30	3.85	16.294	0.0095	-2.5 to 2.5	Pass
				40	3.85	16.122	0.0094	-2.5 to 2.5	Pass
				50	3.85	15.993	0.0093	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	22.259	0.0128	-2.5 to 2.5	Pass
					3.85	15.378	0.0088	-2.5 to 2.5	Pass
					4.43	17.066	0.0098	-2.5 to 2.5	Pass
				-30	3.85	15.707	0.0090	-2.5 to 2.5	Pass
				-20	3.85	14.749	0.0085	-2.5 to 2.5	Pass
				-10	3.85	15.163	0.0087	-2.5 to 2.5	Pass
				0	3.85	14.520	0.0083	-2.5 to 2.5	Pass
				10	3.85	15.421	0.0088	-2.5 to 2.5	Pass
				30	3.85	14.577	0.0084	-2.5 to 2.5	Pass
				40	3.85	17.681	0.0101	-2.5 to 2.5	Pass
				50	3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	23.303	0.0132	-2.5 to 2.5	Pass
					3.85	18.225	0.0103	-2.5 to 2.5	Pass
					4.43	17.681	0.0100	-2.5 to 2.5	Pass
				-30	3.85	13.447	0.0076	-2.5 to 2.5	Pass
				-20	3.85	16.608	0.0094	-2.5 to 2.5	Pass
				-10	3.85	19.655	0.0111	-2.5 to 2.5	Pass
				0	3.85	14.634	0.0083	-2.5 to 2.5	Pass
				10	3.85	17.610	0.0099	-2.5 to 2.5	Pass
				30	3.85	16.665	0.0094	-2.5 to 2.5	Pass
				40	3.85	16.408	0.0093	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass

16QAM	1720	27	0	20	3.27	-1.788	-0.0010	-2.5 to 2.5	Pass
					3.85	-16.351	-0.0095	-2.5 to 2.5	Pass
					4.43	-18.969	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-13.390	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	14.749	0.0086	-2.5 to 2.5	Pass
				10	3.85	14.691	0.0085	-2.5 to 2.5	Pass
				30	3.85	11.787	0.0069	-2.5 to 2.5	Pass
				40	3.85	13.161	0.0077	-2.5 to 2.5	Pass
				50	3.85	14.806	0.0086	-2.5 to 2.5	Pass
	1745	27	0	20	3.27	15.521	0.0089	-2.5 to 2.5	Pass
					3.85	-15.593	-0.0089	-2.5 to 2.5	Pass
					4.43	-17.910	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	15.750	0.0090	-2.5 to 2.5	Pass
				-10	3.85	13.433	0.0077	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				10	3.85	11.673	0.0067	-2.5 to 2.5	Pass
				30	3.85	15.821	0.0091	-2.5 to 2.5	Pass
				40	3.85	13.561	0.0078	-2.5 to 2.5	Pass
				50	3.85	-15.893	-0.0091	-2.5 to 2.5	Pass
	1770	27	73	20	3.27	13.189	0.0075	-2.5 to 2.5	Pass
					3.85	-15.035	-0.0085	-2.5 to 2.5	Pass
					4.43	-17.180	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-15.163	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-17.796	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-16.322	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-17.881	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-8.683	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-16.379	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-19.627	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-14.033	-0.0079	-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 / 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

3.1.3 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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

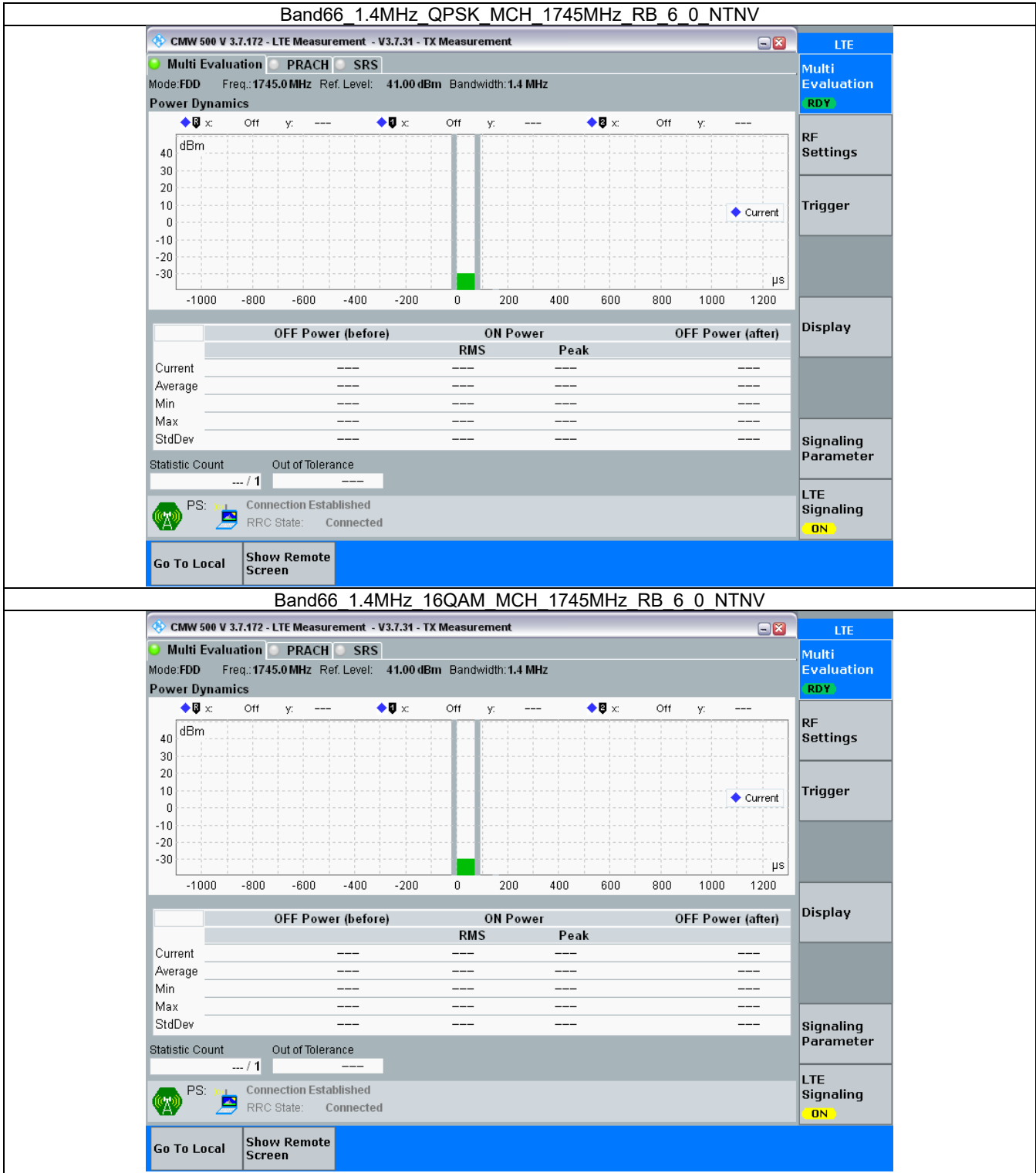
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

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	27	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B66_1.4MHz



Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX Measurement

Mode: FDD Freq.: 1745.0 MHz Ref. Level: 41.00 dBm Bandwidth: 3.0 MHz

Power Dynamics

dBm

μs

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

Statistic Count Out of Tolerance

--- / 1

PS: Connection Established
RRC State: Connected

Go To Local Show Remote Screen

Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTN

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX Measurement

Mode: FDD Freq.: 1745.0 MHz Ref. Level: 41.00 dBm Bandwidth: 3.0 MHz

Power Dynamics

dBm

μs

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

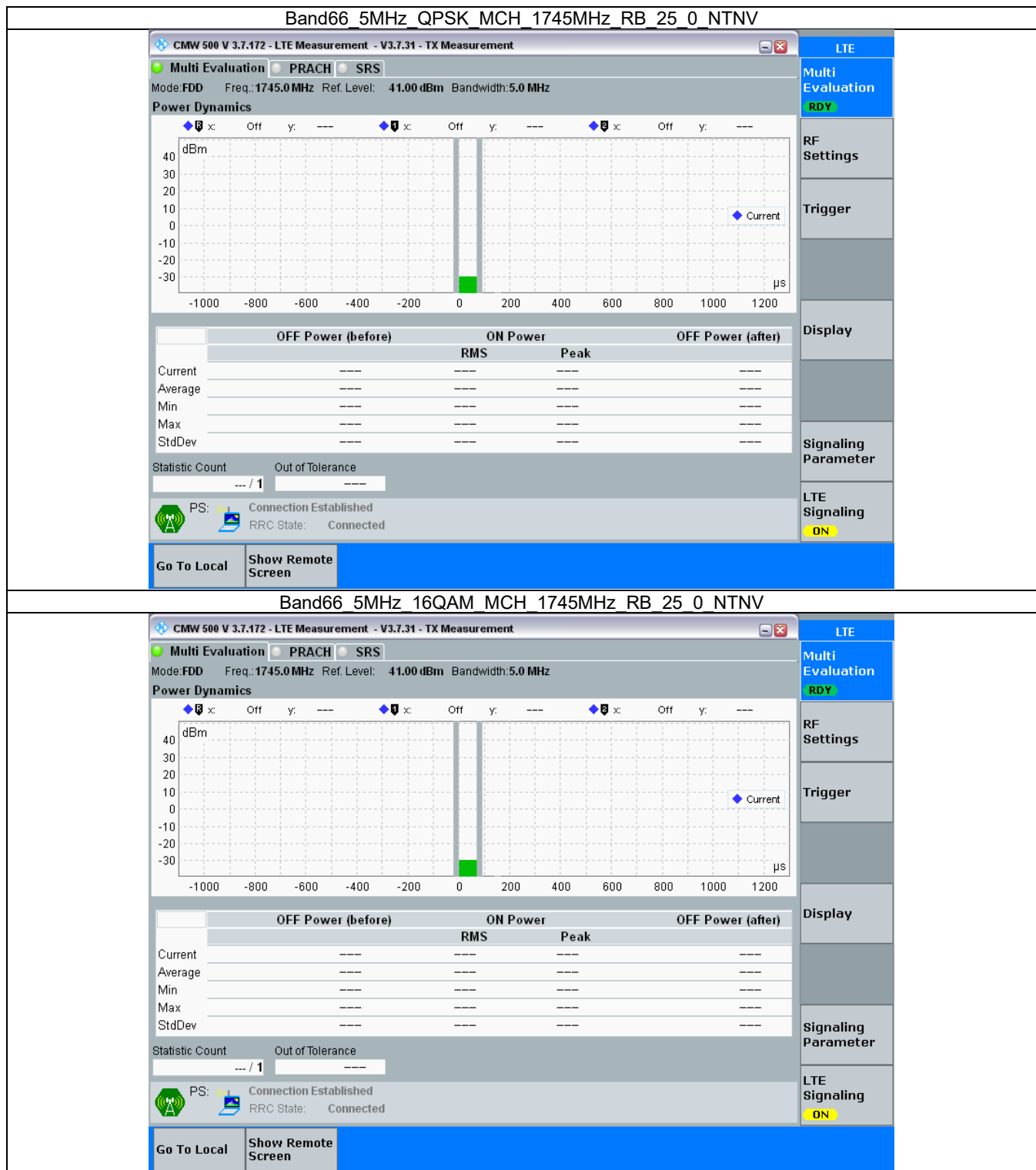
Statistic Count Out of Tolerance

--- / 1

PS: Connection Established
RRC State: Connected

Go To Local Show Remote Screen

3.2.3 B66_5MHz



Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN

The screenshot displays the CMW 500 V 3.7.172 LTE Measurement software interface. The main window shows the Power Dynamics section for Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTN. The interface includes a graph of Power (dBm) vs Time (μs), a table of Power Dynamics, and a status bar.

Power Dynamics Table:

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

Statistic Count: --- / 1

Out of Tolerance: ---

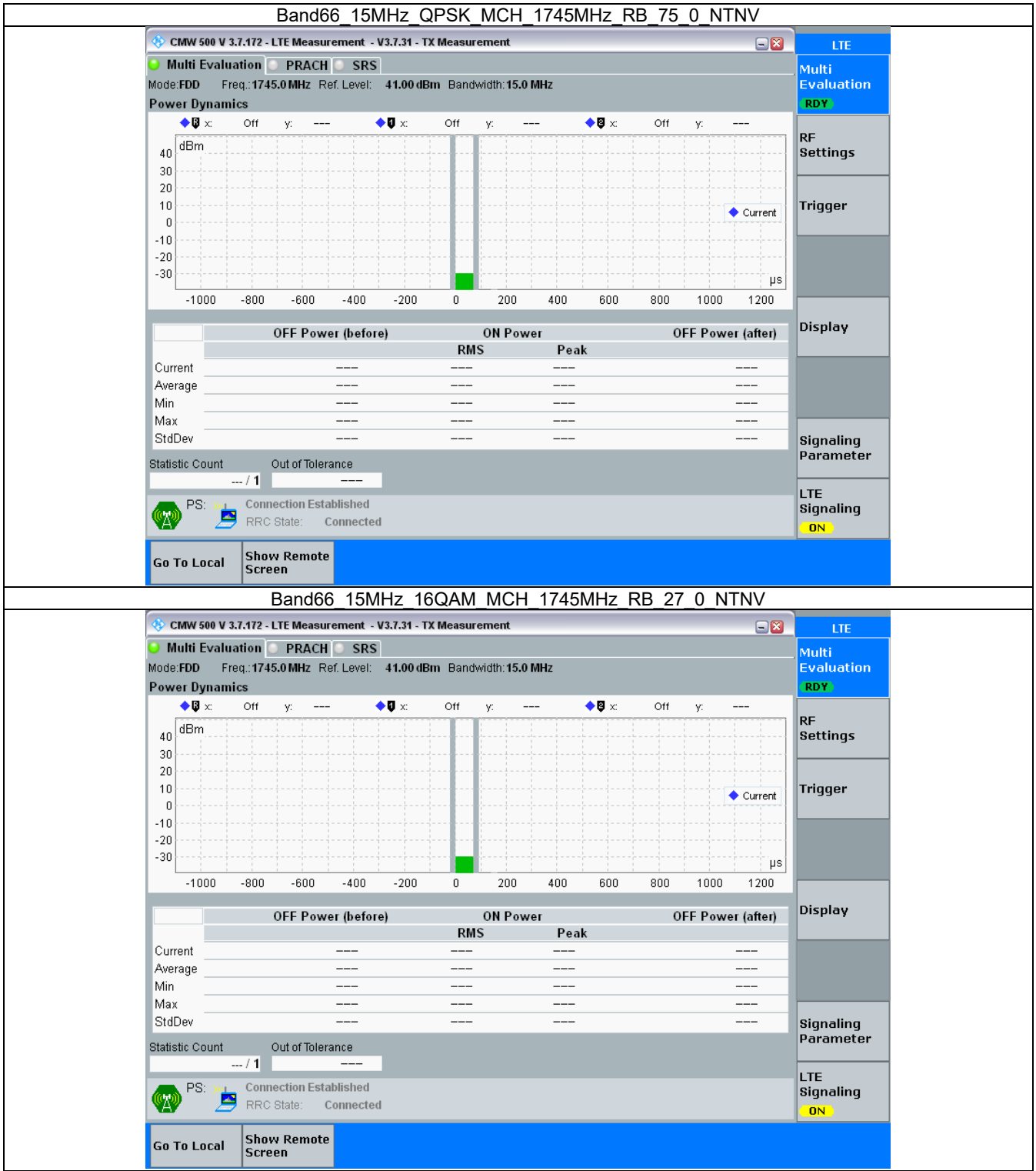
PS: Connection Established
RRC State: Connected

Go To Local **Show Remote Screen**

LTE
Multi Evaluation
RDY

RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON

3.2.5 B66_15MHz



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN

CMW 500 V 3.7.172 - LTE Measurement - V3.7.31 - TX Measurement

Multi Evaluation PRACH SRS

Mode: FDD Freq.: 1745.0 MHz Ref. Level: 41.00 dBm Bandwidth: 20.0 MHz

Power Dynamics

dBm

μs

	OFF Power (before)	ON Power		OFF Power (after)
		RMS	Peak	
Current	---	---	---	---
Average	---	---	---	---
Min	---	---	---	---
Max	---	---	---	---
StdDev	---	---	---	---

Statistic Count: --- / 1 Out of Tolerance: ---

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation RDY

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling ON

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	1.121	/	Pass
		1745	6	0	1.118	/	Pass
		1779.3	6	0	1.123	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.119	/	Pass
3	QPSK	1711.5	15	0	2.755	/	Pass
		1745	15	0	2.738	/	Pass
		1778.5	15	0	2.748	/	Pass
	16QAM	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.746	/	Pass
		1778.5	15	0	2.753	/	Pass
5	QPSK	1712.5	25	0	4.577	/	Pass
		1745	25	0	4.538	/	Pass
		1777.5	25	0	4.565	/	Pass
	16QAM	1712.5	25	0	4.543	/	Pass
		1745	25	0	4.546	/	Pass
		1777.5	25	0	4.591	/	Pass
10	QPSK	1715	50	0	9.070	/	Pass
		1745	50	0	9.019	/	Pass
		1775	50	0	9.096	/	Pass
	16QAM	1715	27	0	5.074	/	Pass
		1745	27	0	5.058	/	Pass
		1775	27	23	5.129	/	Pass
15	QPSK	1717.5	75	0	13.605	/	Pass
		1745	75	0	13.550	/	Pass
		1772.5	75	0	13.714	/	Pass
	16QAM	1717.5	27	0	5.312	/	Pass
		1745	27	0	5.263	/	Pass
		1772.5	27	48	5.382	/	Pass
20	QPSK	1720	100	0	18.068	/	Pass
		1745	100	0	18.077	/	Pass
		1770	100	0	18.378	/	Pass
	16QAM	1720	27	0	5.522	/	Pass
		1745	27	0	5.466	/	Pass
		1770	27	73	5.635	/	Pass

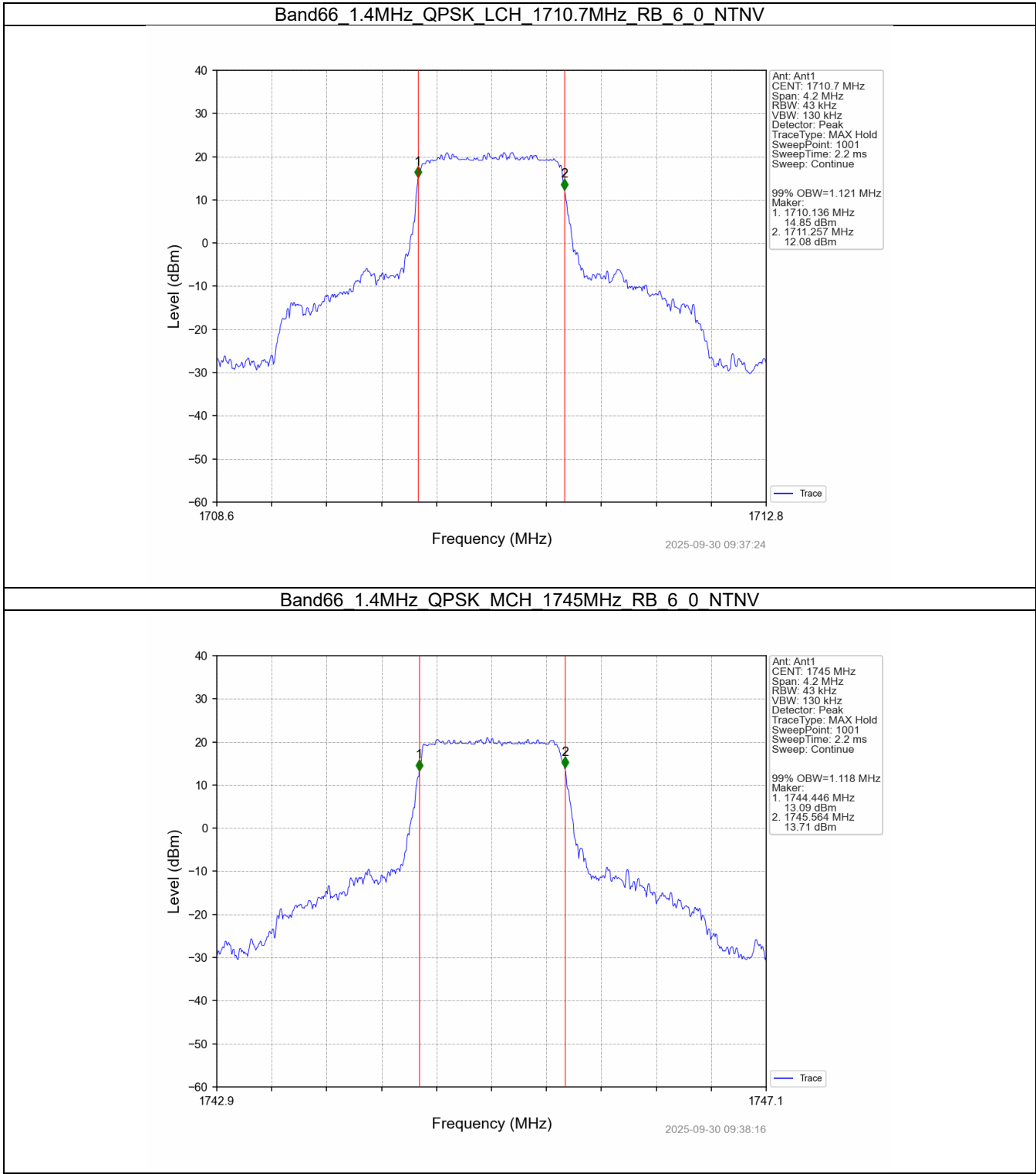
4.1.2 Band66_XDB

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	1.338	/	Pass
		1745	6	0	1.348	/	Pass
		1779.3	6	0	1.375	/	Pass

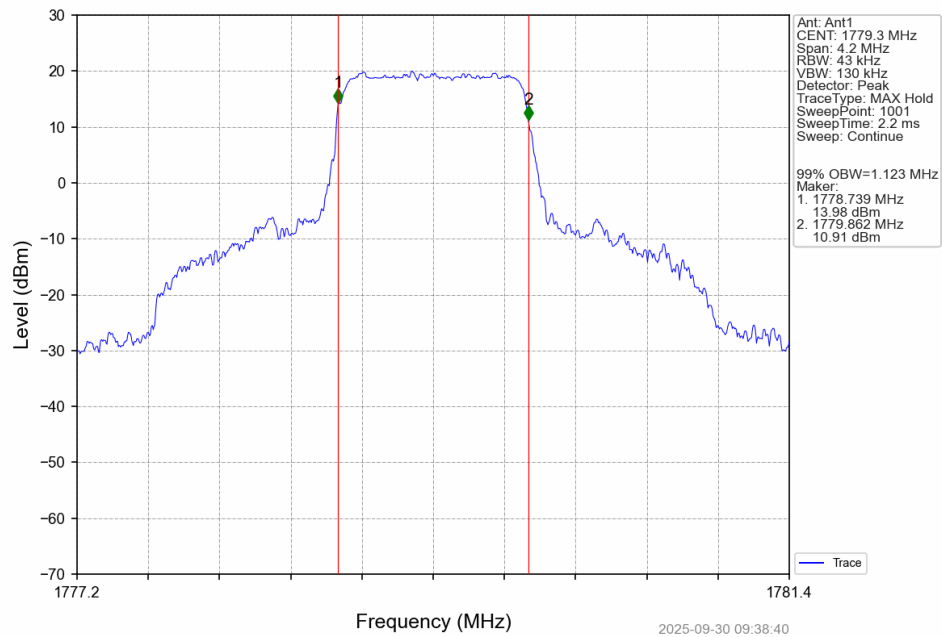
	16QAM	1710.7	6	0	1.322	/	Pass
		1745	6	0	1.301	/	Pass
		1779.3	6	0	1.336	/	Pass
3	QPSK	1711.5	15	0	3.026	/	Pass
		1745	15	0	3.015	/	Pass
		1778.5	15	0	3.041	/	Pass
	16QAM	1711.5	15	0	3.029	/	Pass
		1745	15	0	3.015	/	Pass
		1778.5	15	0	3.037	/	Pass
5	QPSK	1712.5	25	0	5.062	/	Pass
		1745	25	0	5.043	/	Pass
		1777.5	25	0	5.467	/	Pass
	16QAM	1712.5	25	0	5.042	/	Pass
		1745	25	0	5.053	/	Pass
		1777.5	25	0	5.052	/	Pass
10	QPSK	1715	50	0	9.950	/	Pass
		1745	50	0	9.885	/	Pass
		1775	50	0	12.226	/	Pass
	16QAM	1715	27	0	5.896	/	Pass
		1745	27	0	5.834	/	Pass
		1775	27	23	6.560	/	Pass
15	QPSK	1717.5	75	0	14.812	/	Pass
		1745	75	0	14.819	/	Pass
		1772.5	75	0	20.842	/	Pass
	16QAM	1717.5	27	0	6.267	/	Pass
		1745	27	0	6.174	/	Pass
		1772.5	27	48	8.827	/	Pass
20	QPSK	1720	100	0	19.565	/	Pass
		1745	100	0	19.414	/	Pass
		1770	100	0	30.675	/	Pass
	16QAM	1720	27	0	8.167	/	Pass
		1745	27	0	6.363	/	Pass
		1770	27	73	9.763	/	Pass

4.2 Test Graph

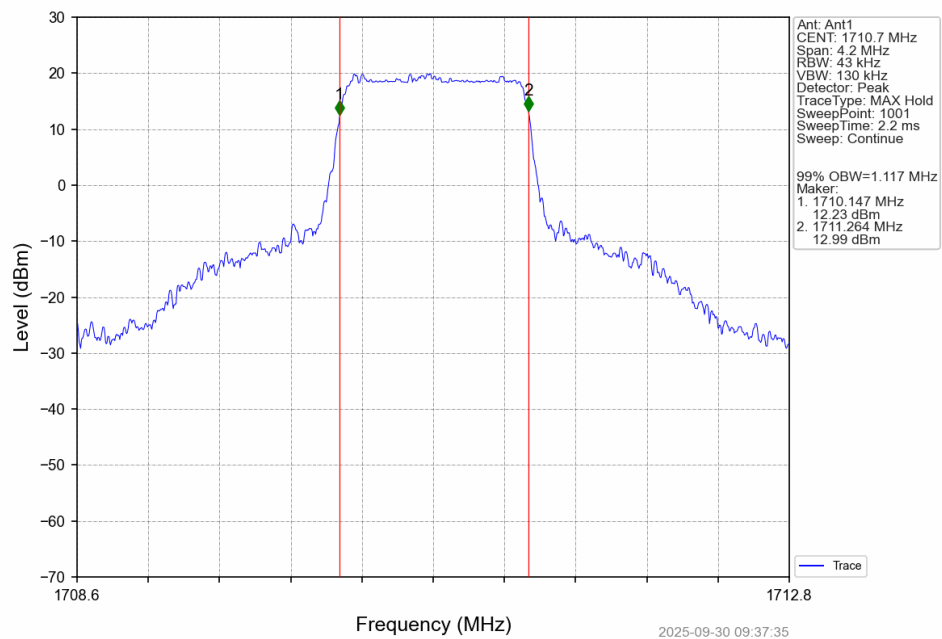
4.2.1 Band66_OBW



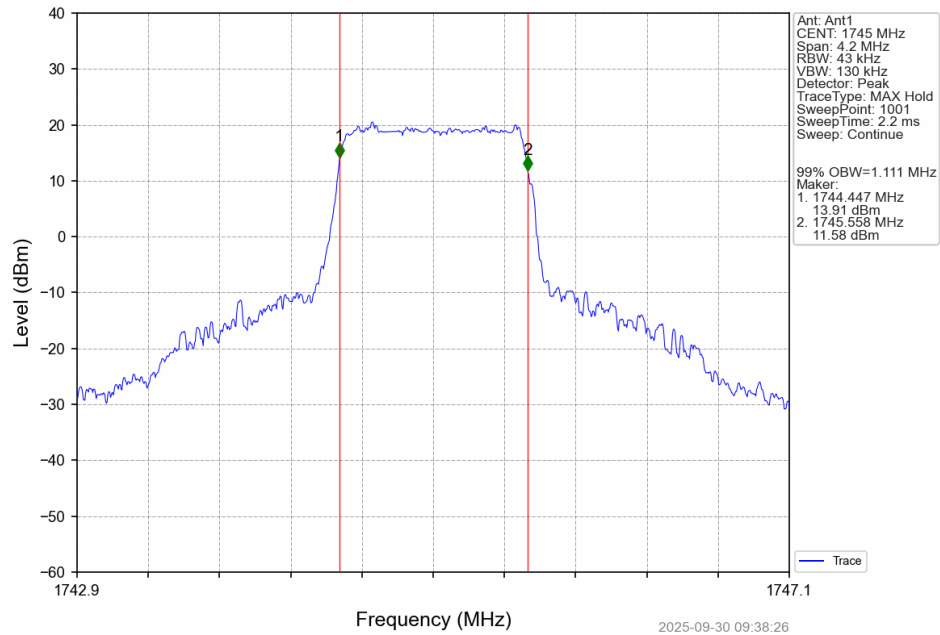
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



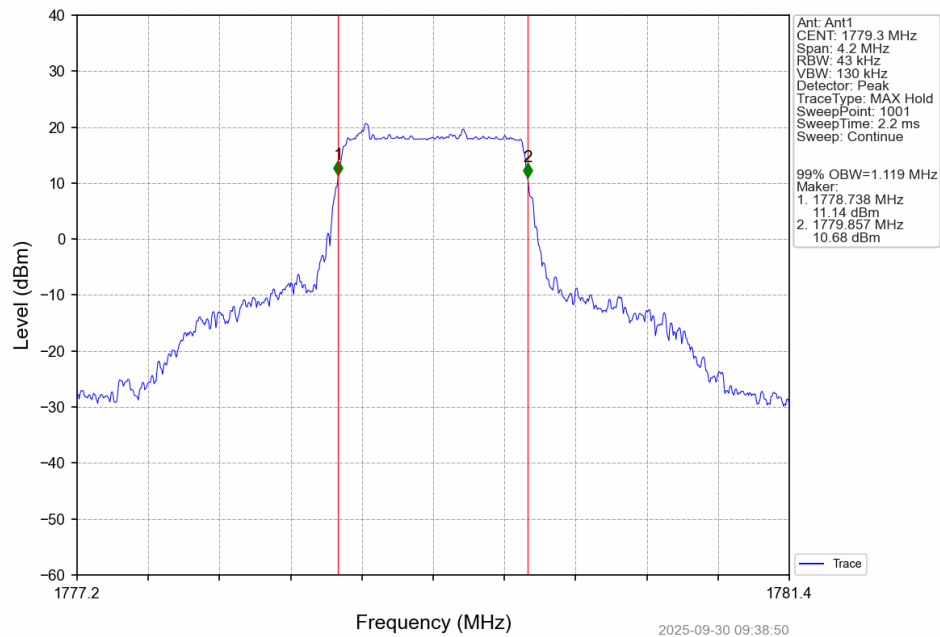
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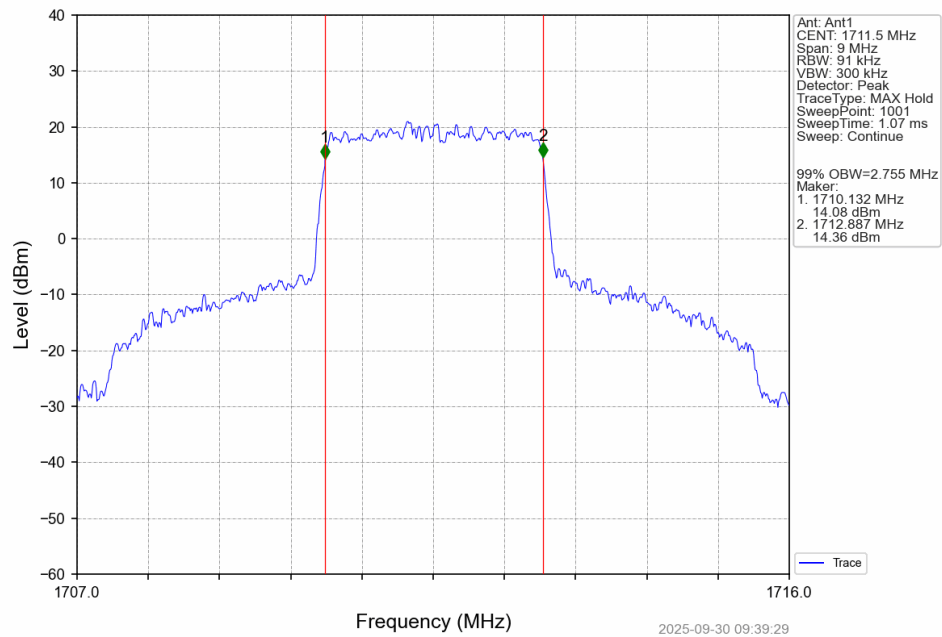
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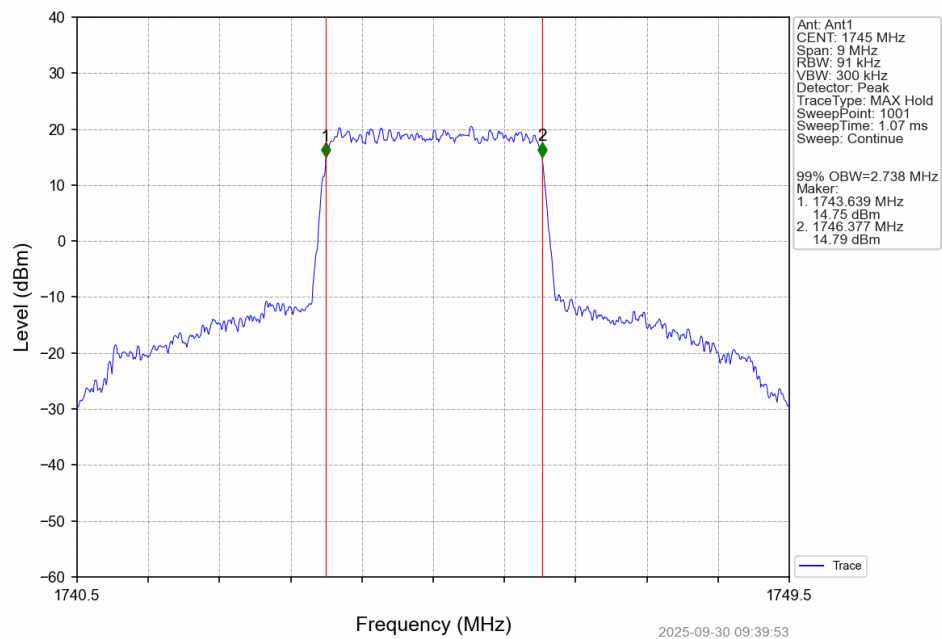
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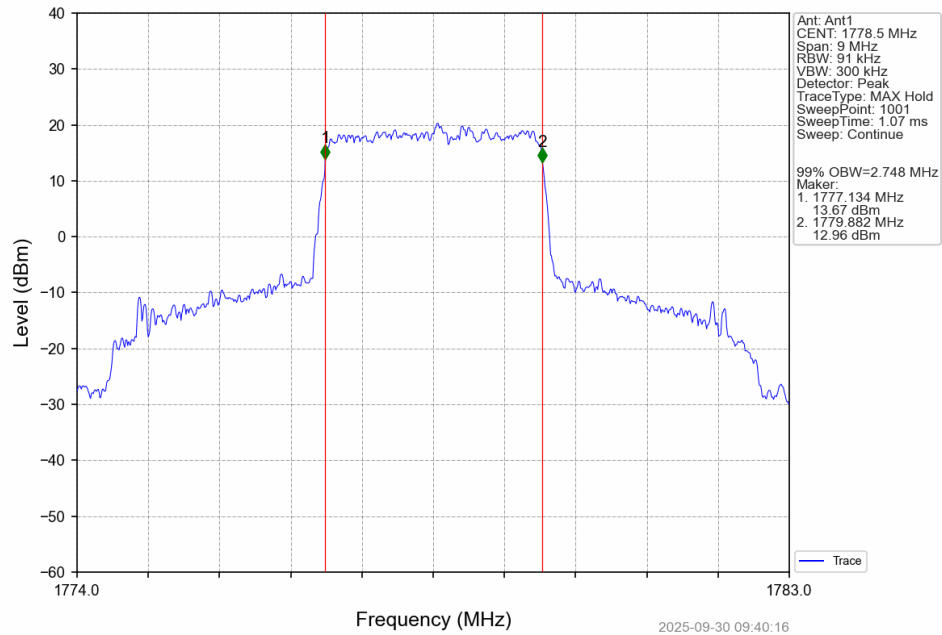
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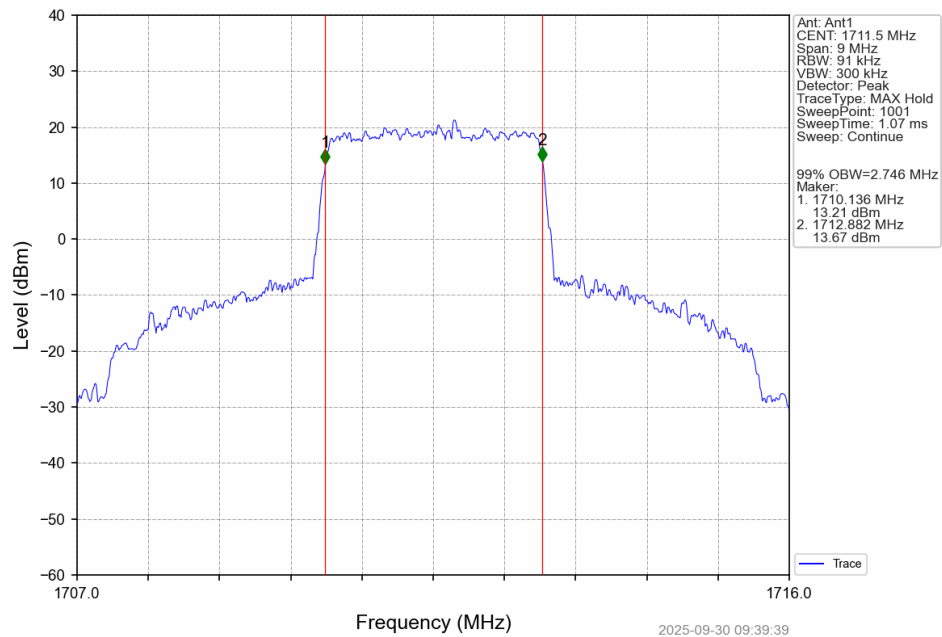
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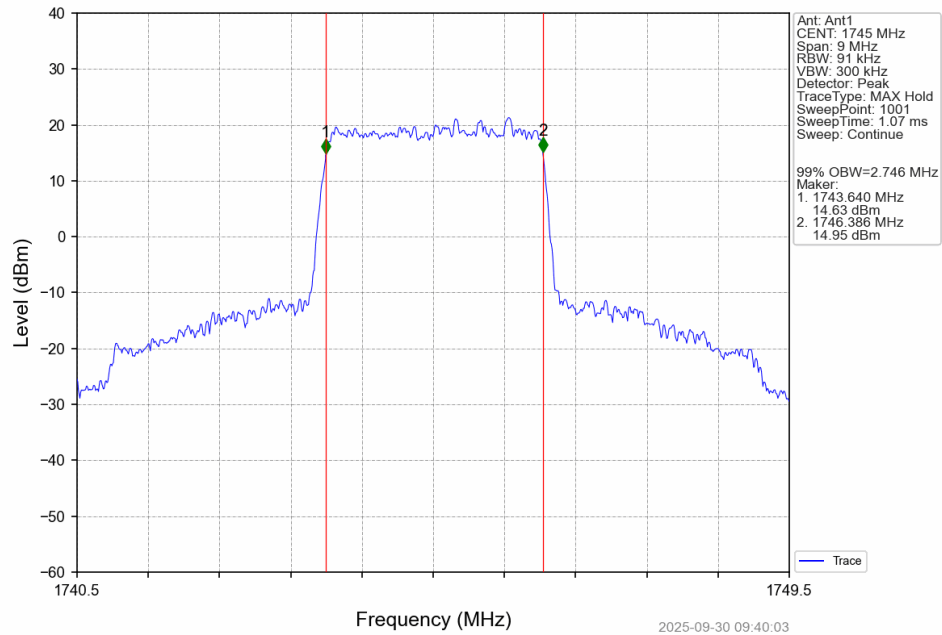
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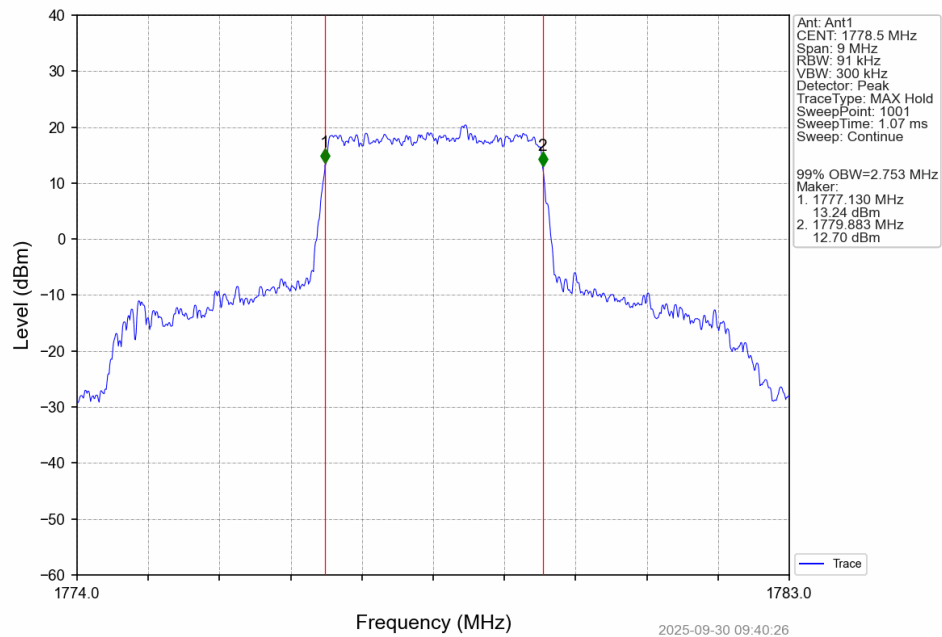
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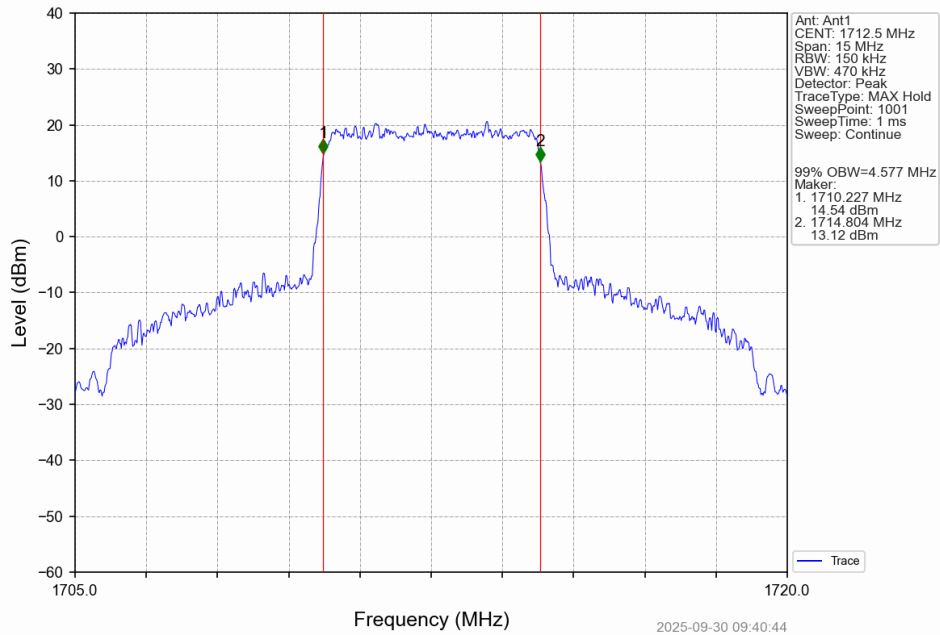
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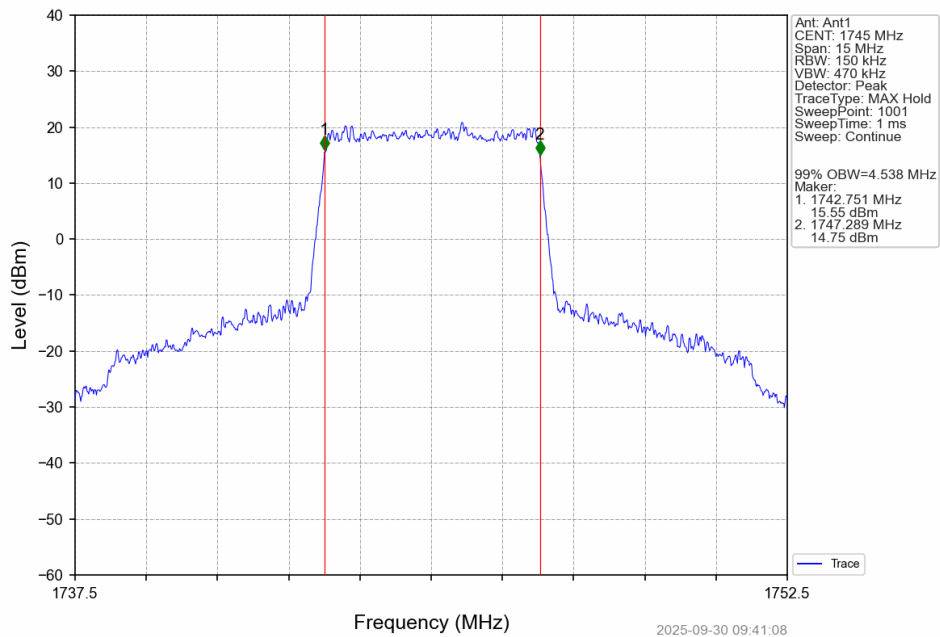
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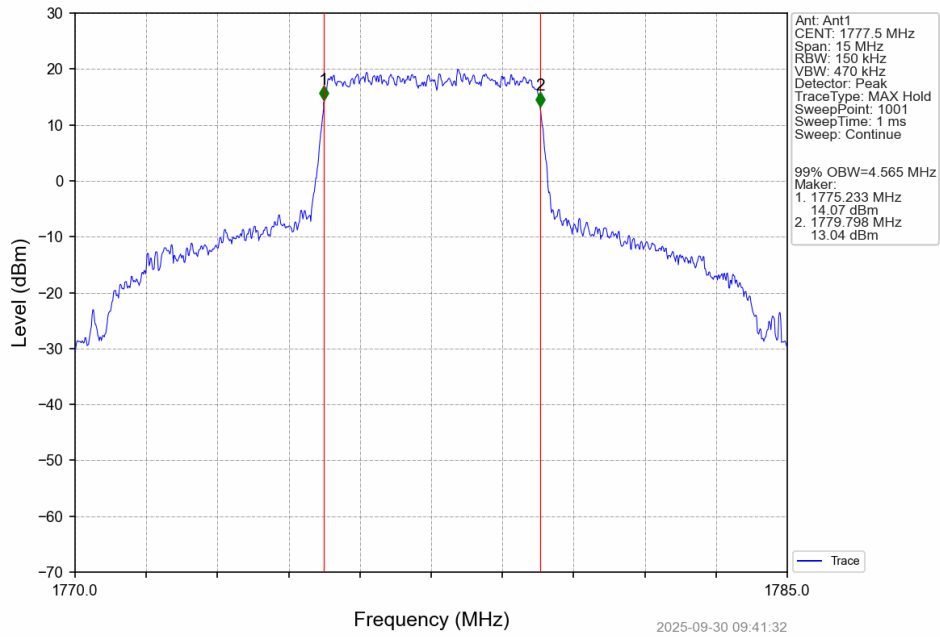
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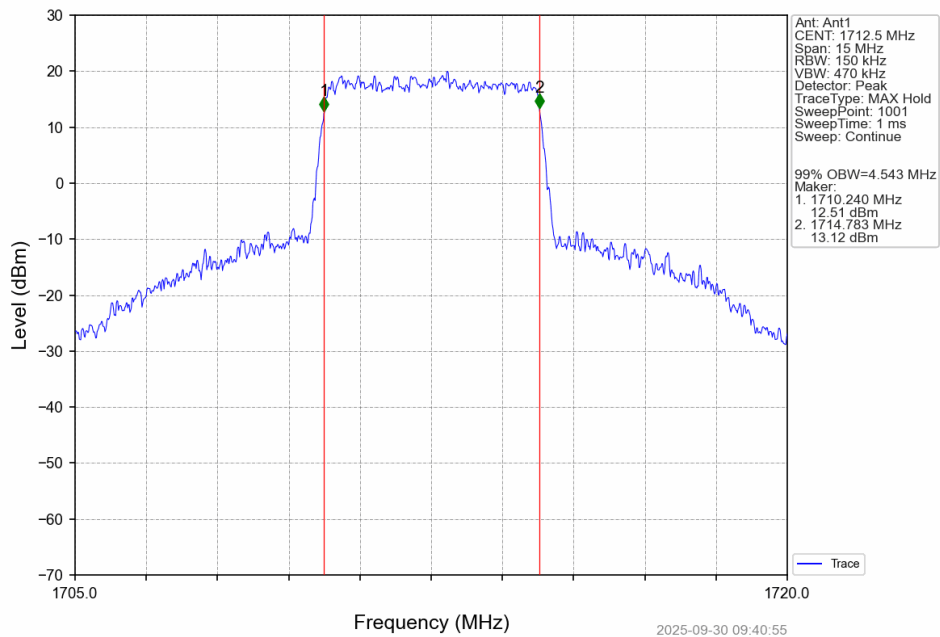
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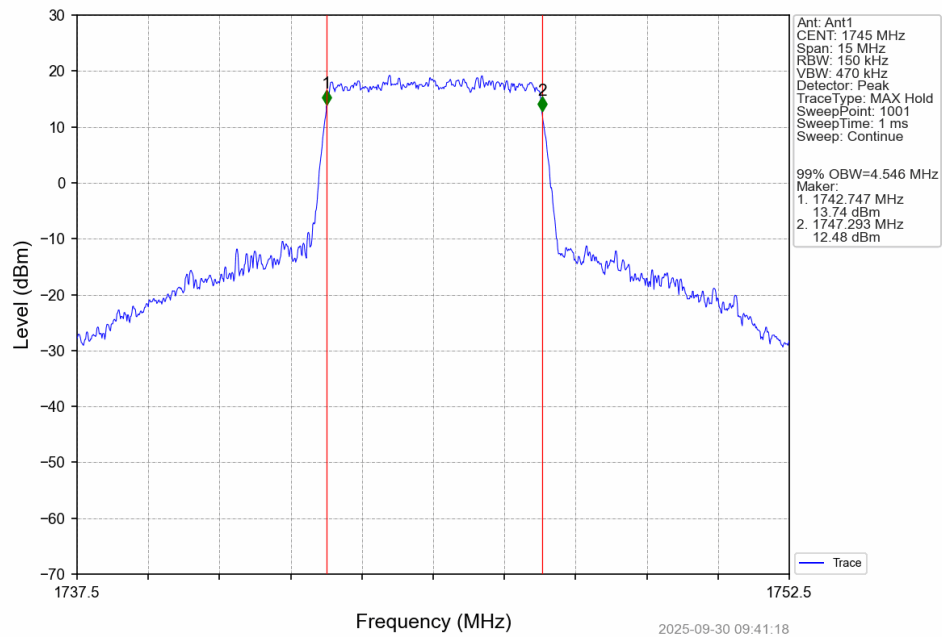
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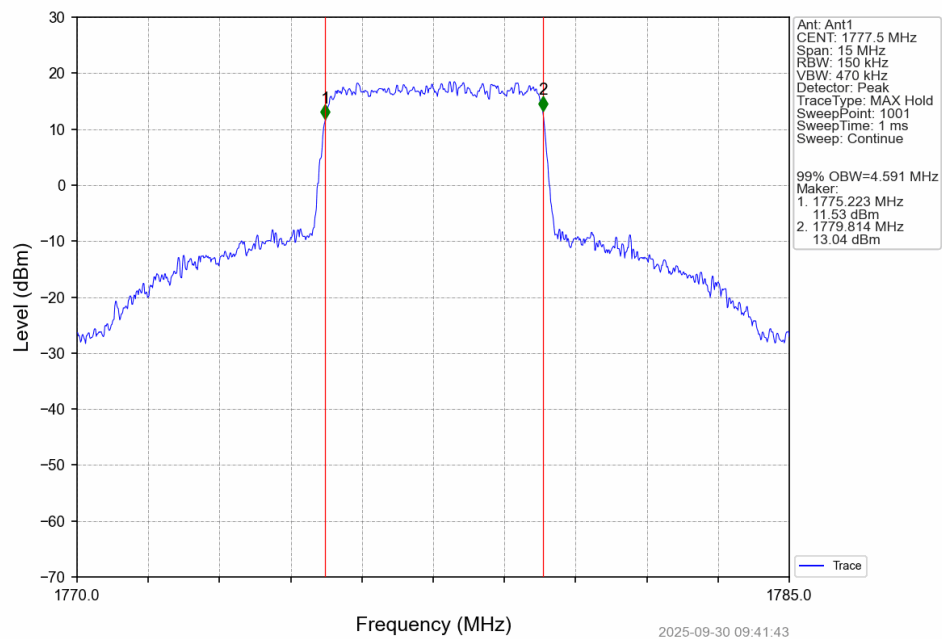
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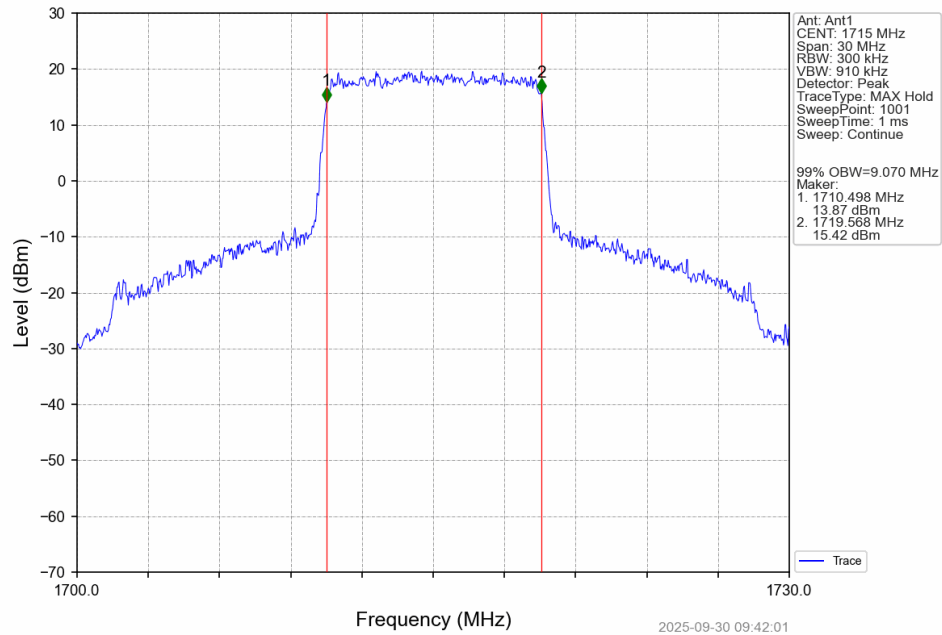
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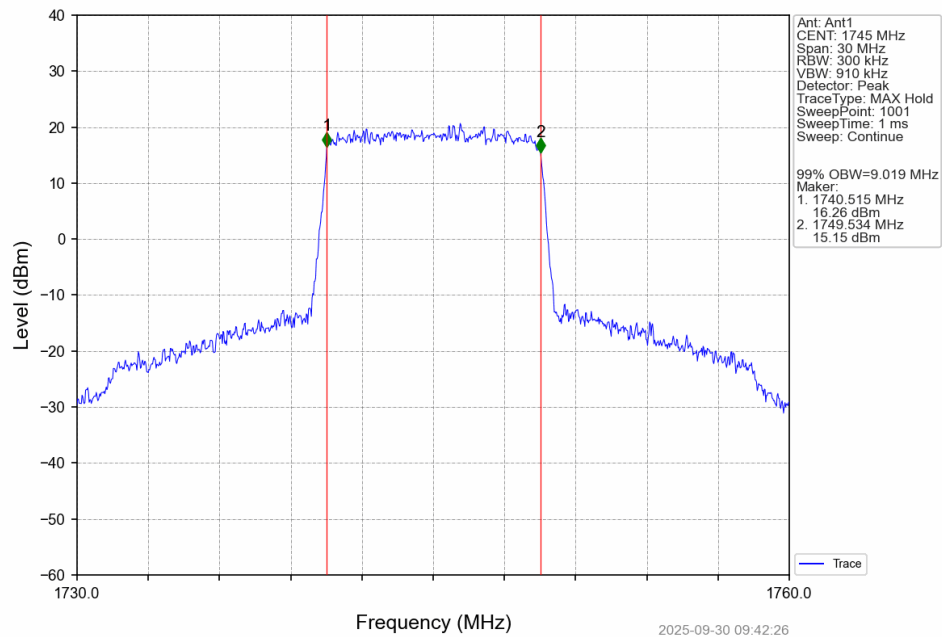
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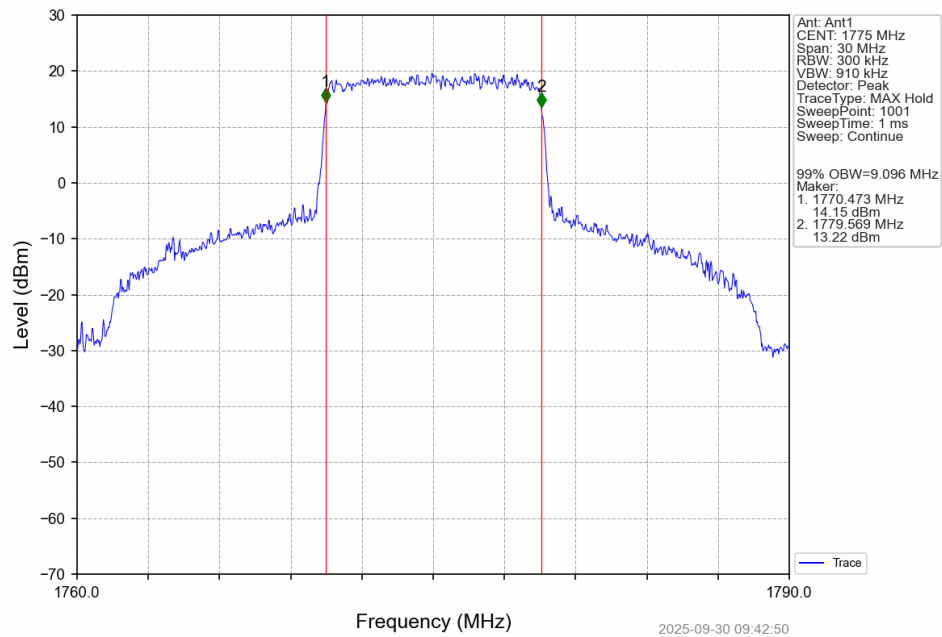
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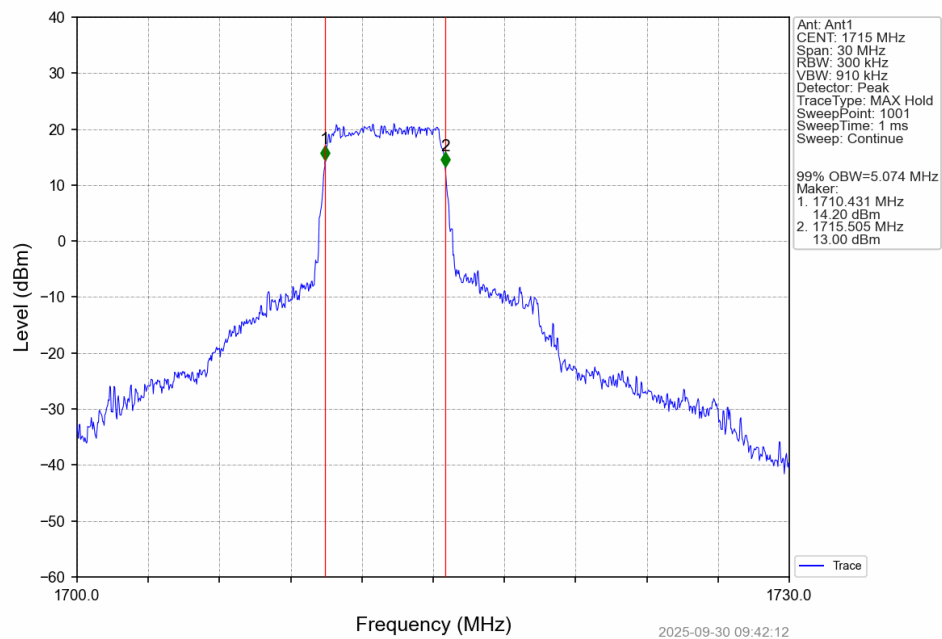
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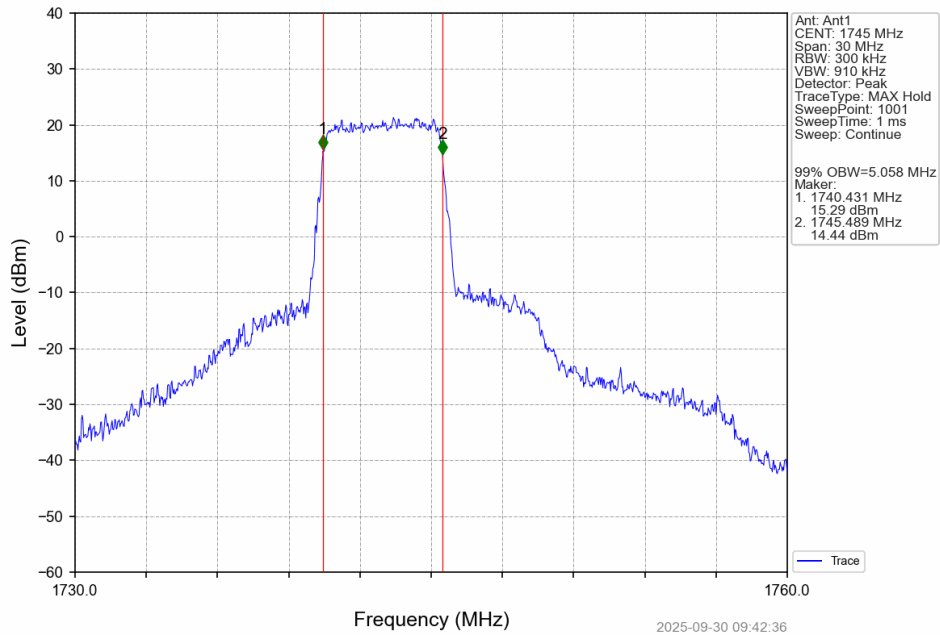
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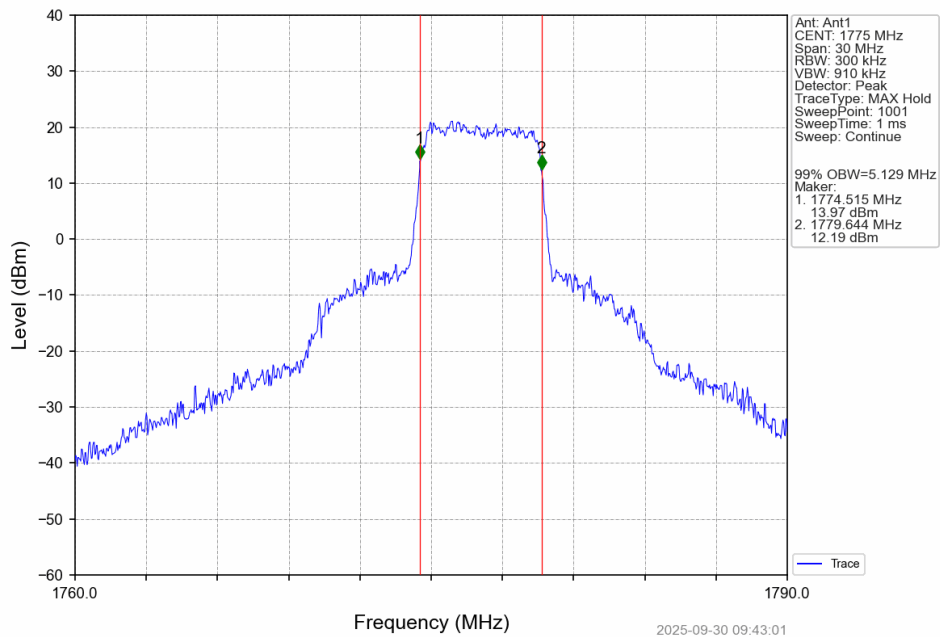
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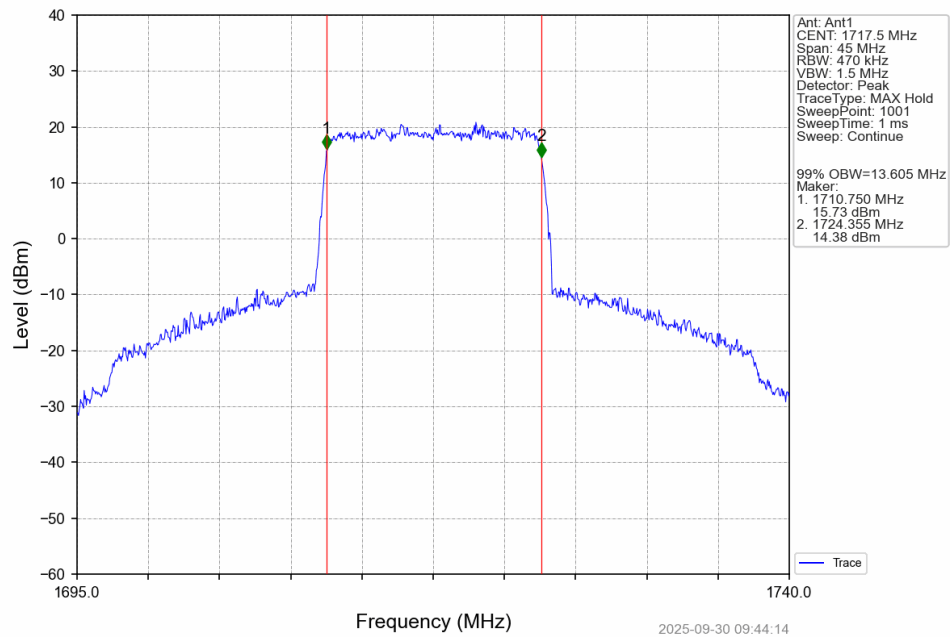
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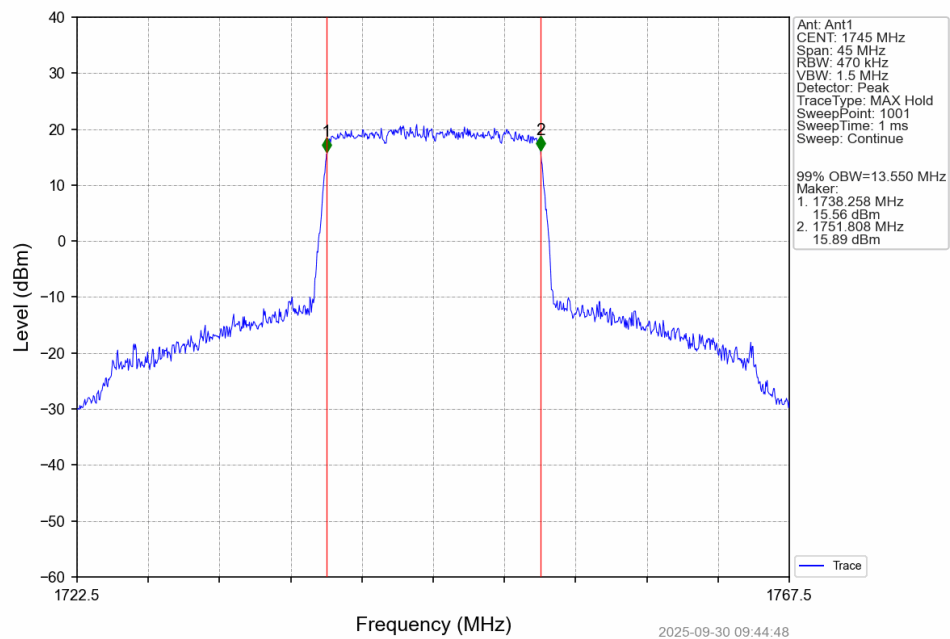
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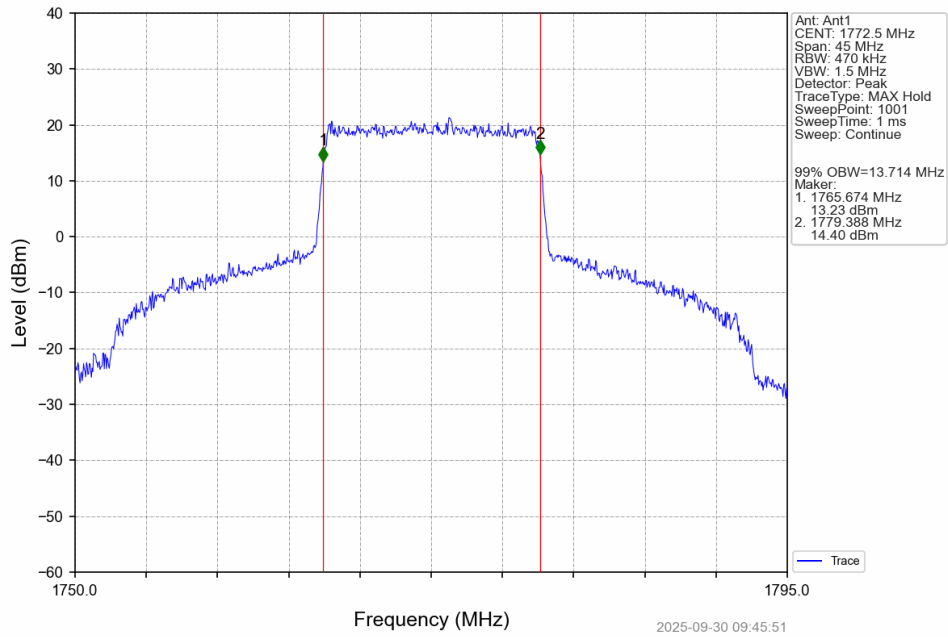
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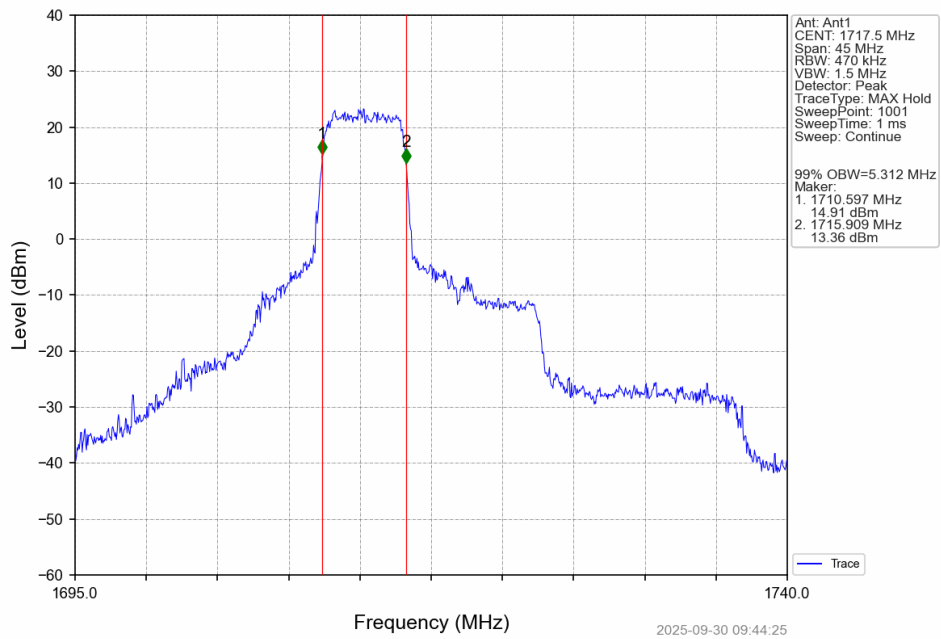
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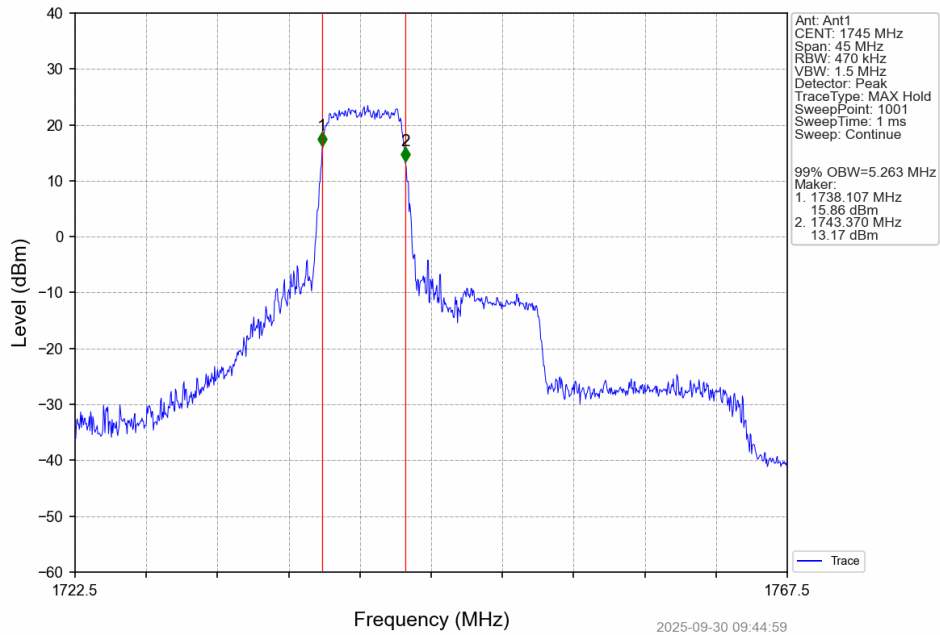
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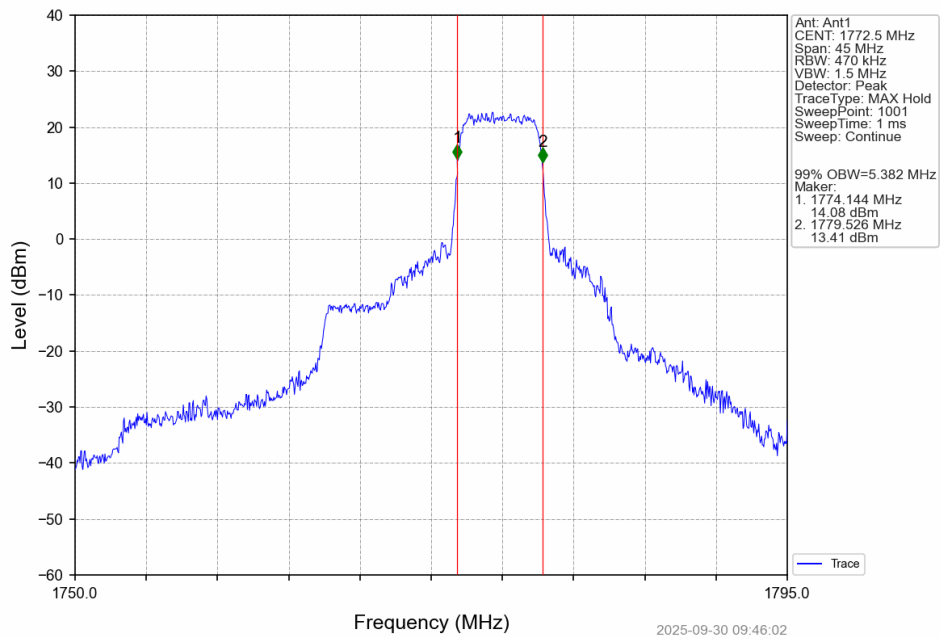
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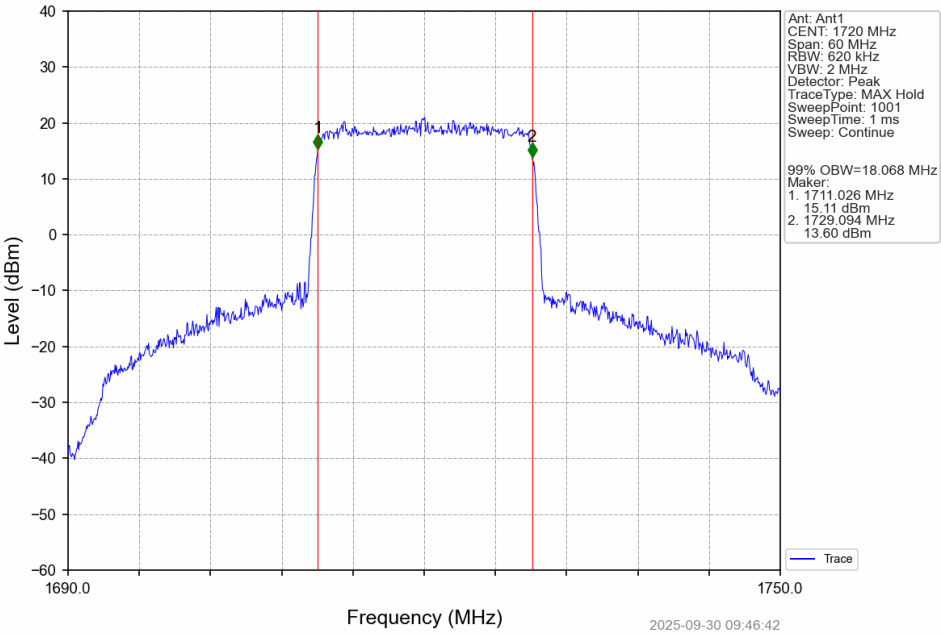
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



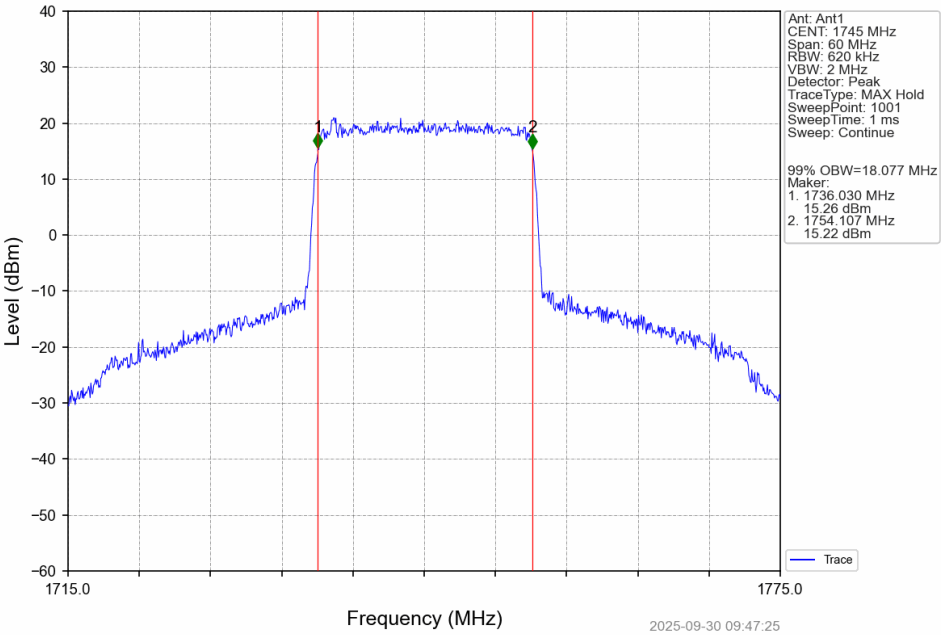
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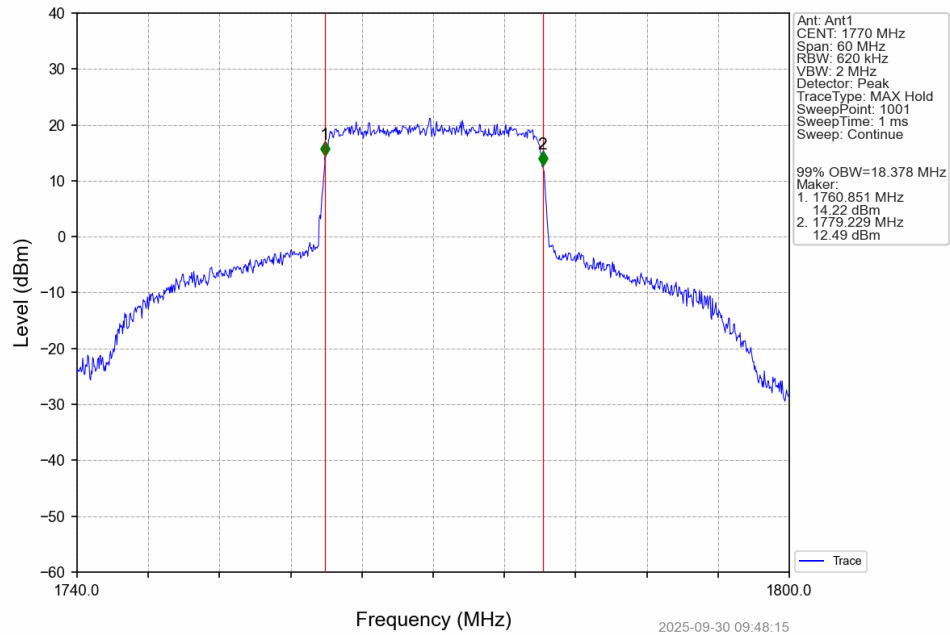
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



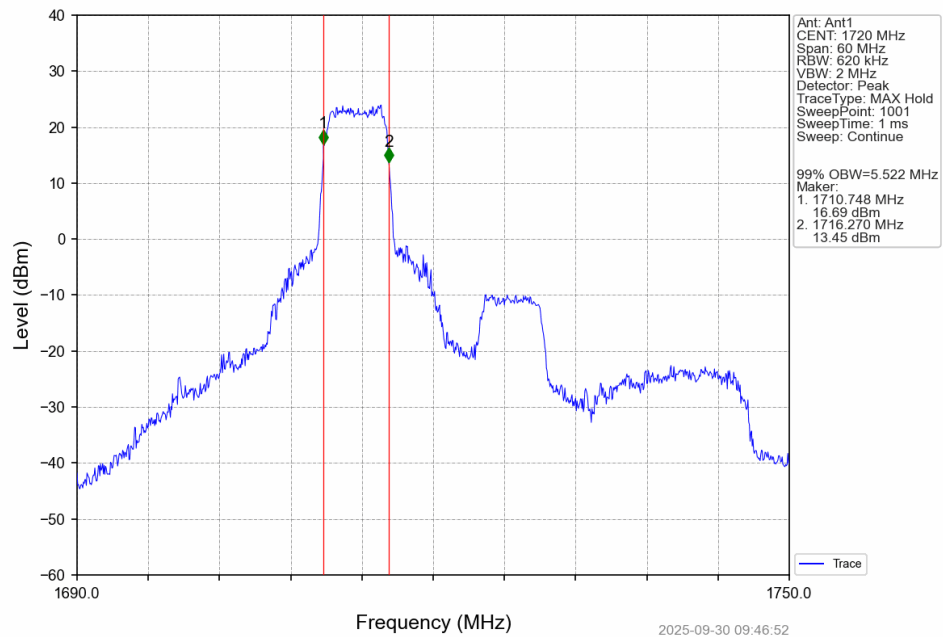
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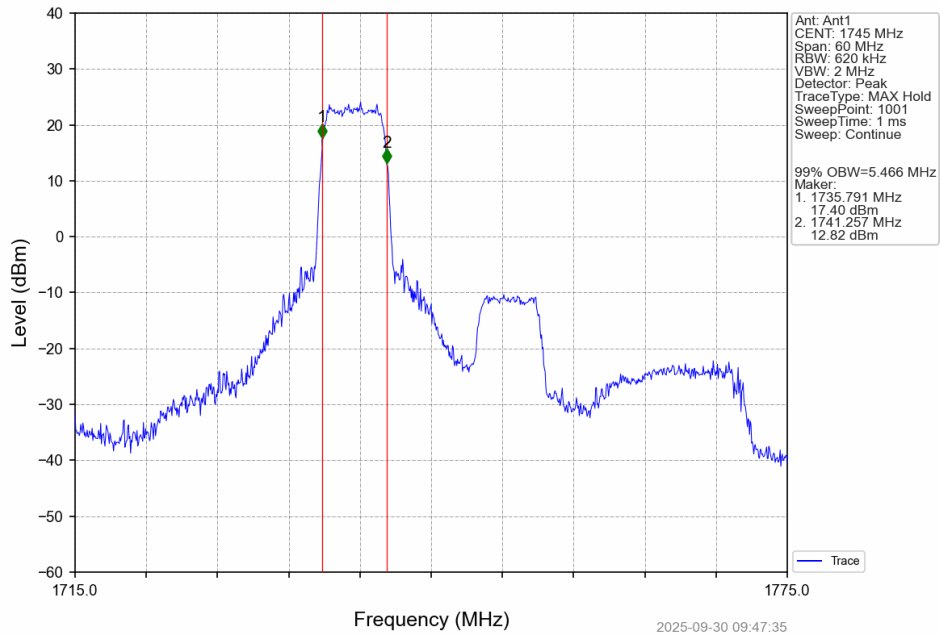
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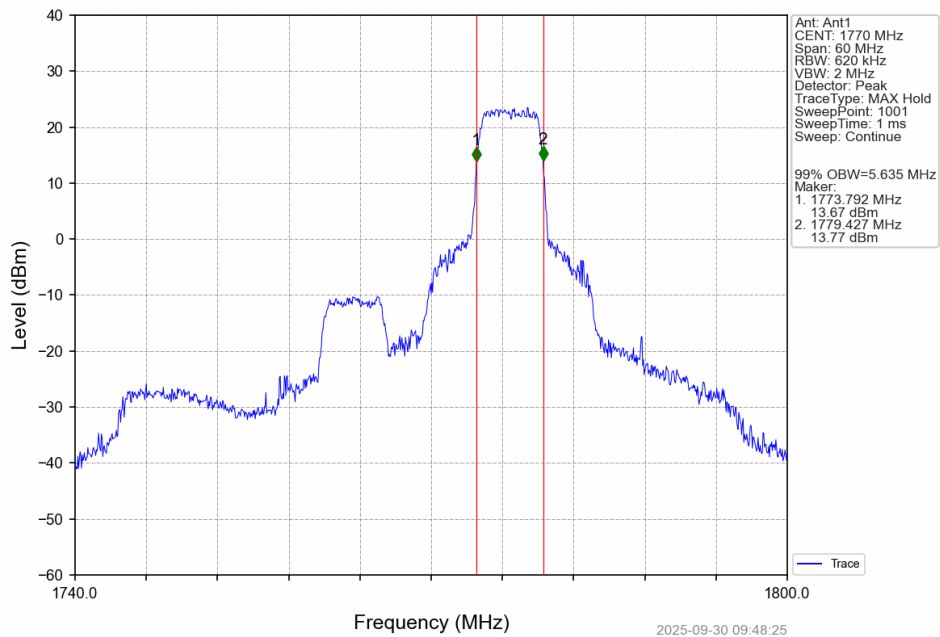
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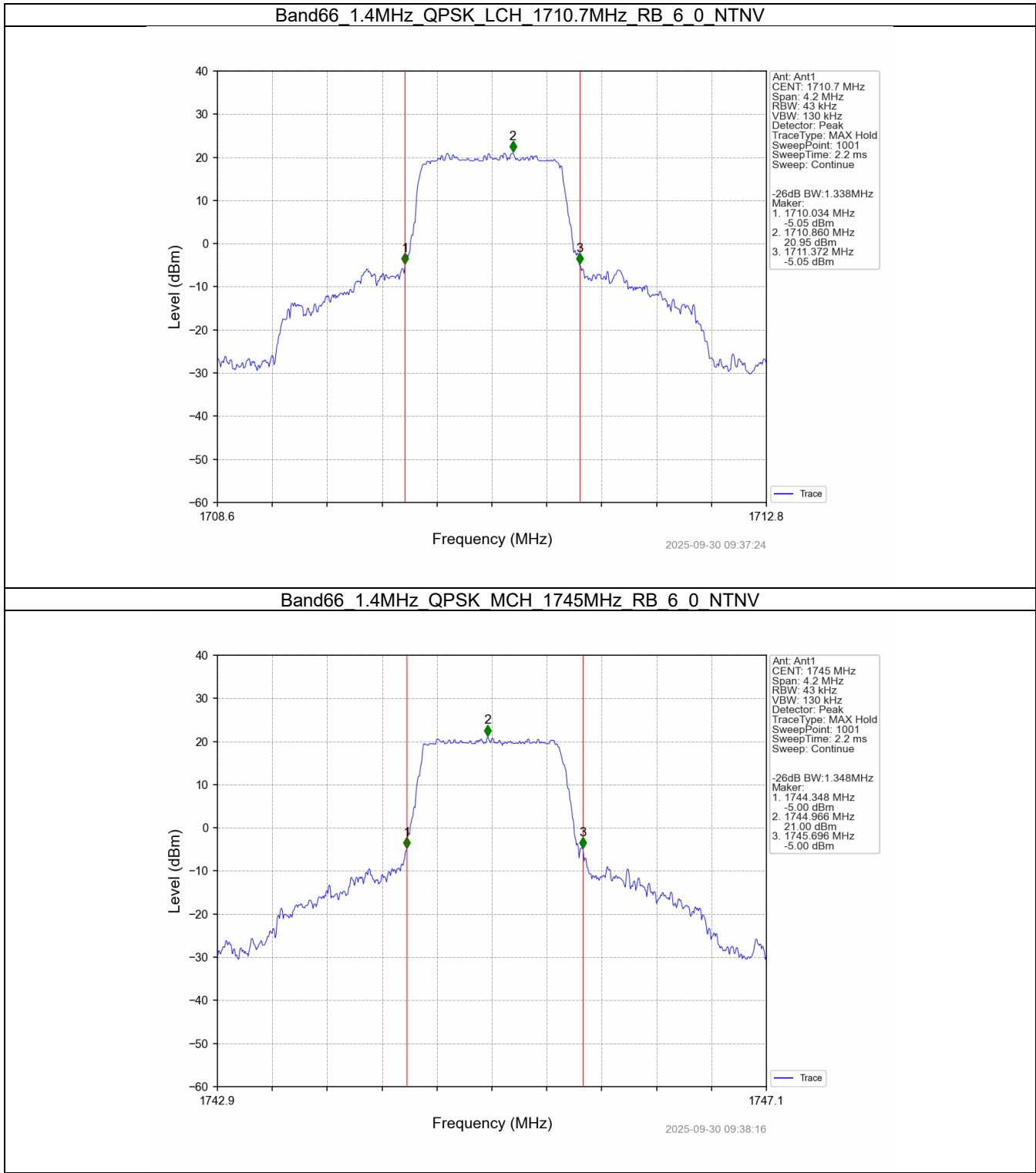
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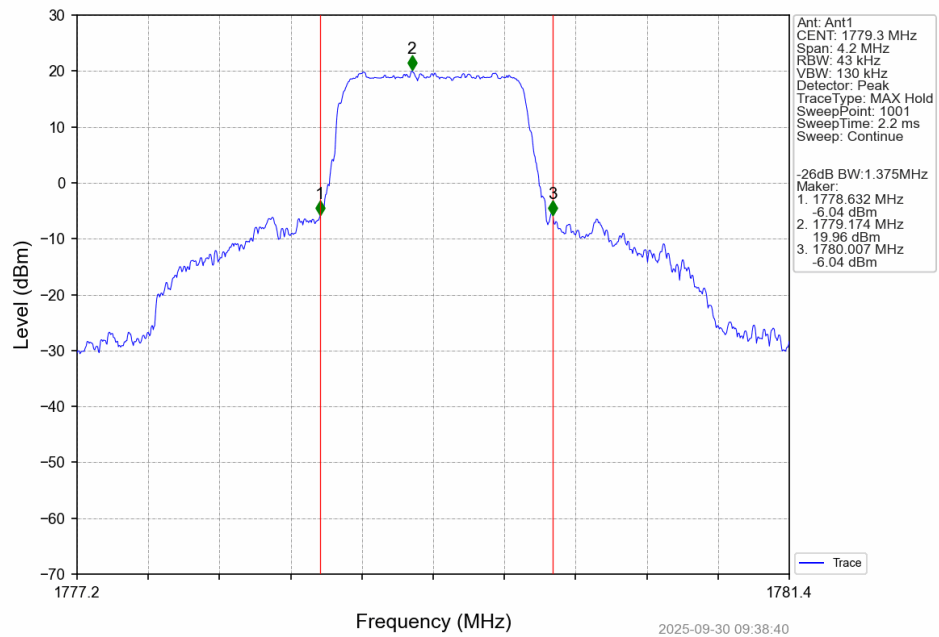
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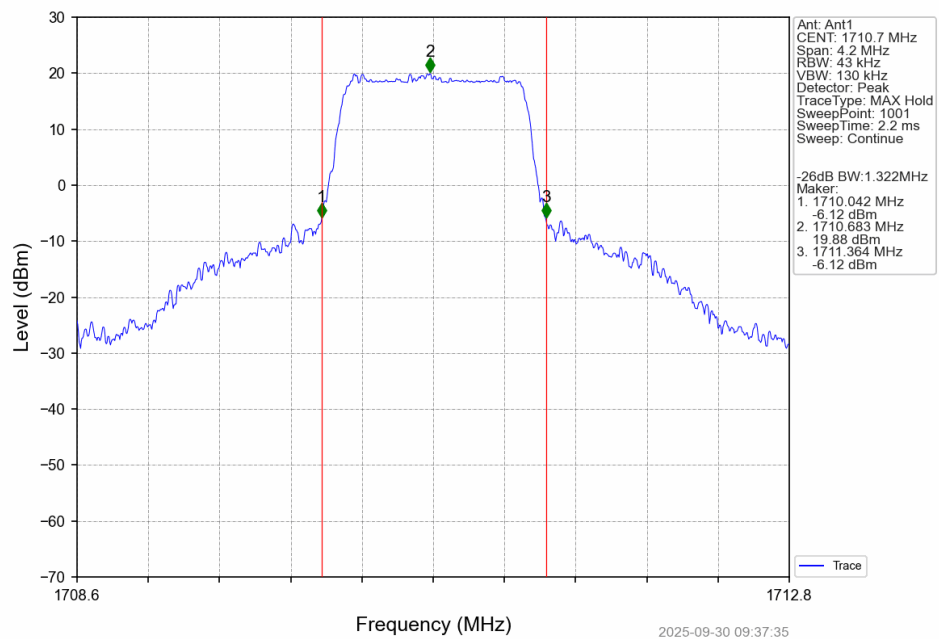
4.2.2 Band66_XDB



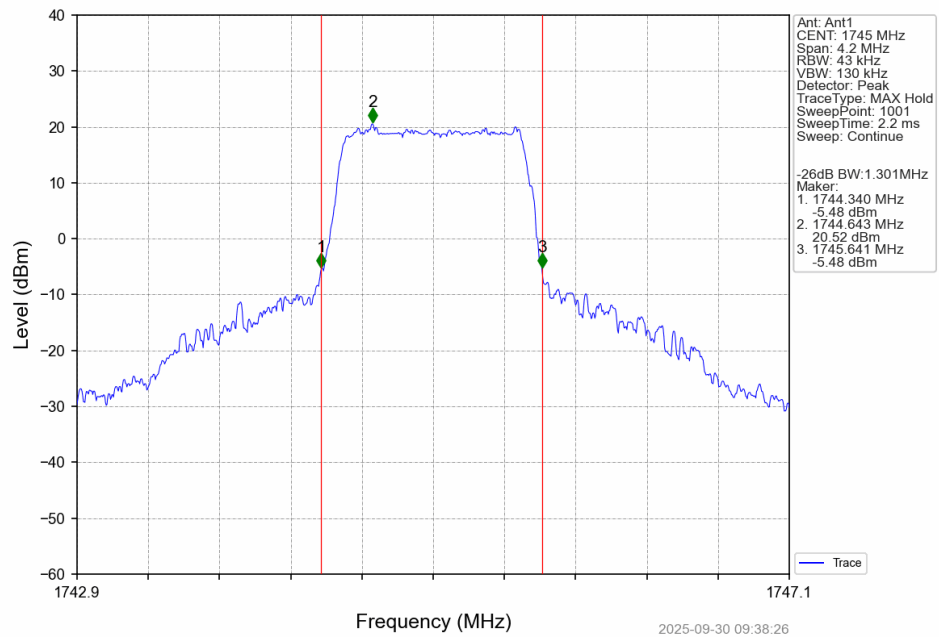
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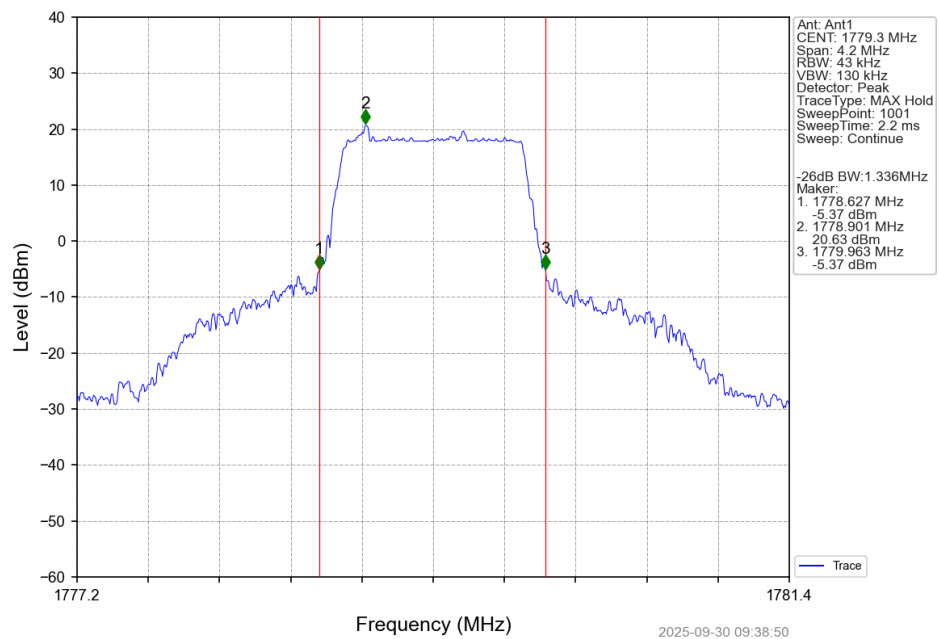
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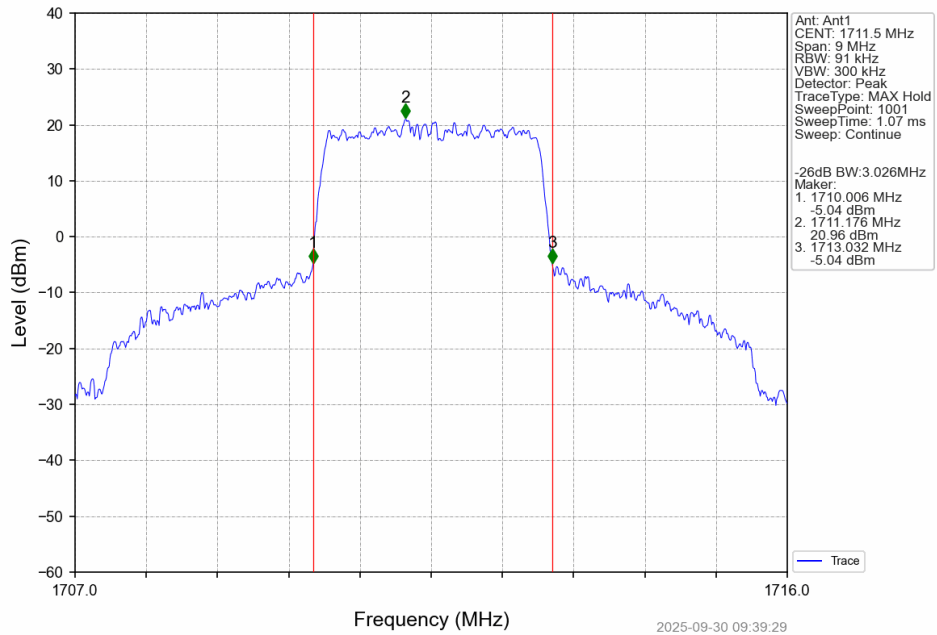
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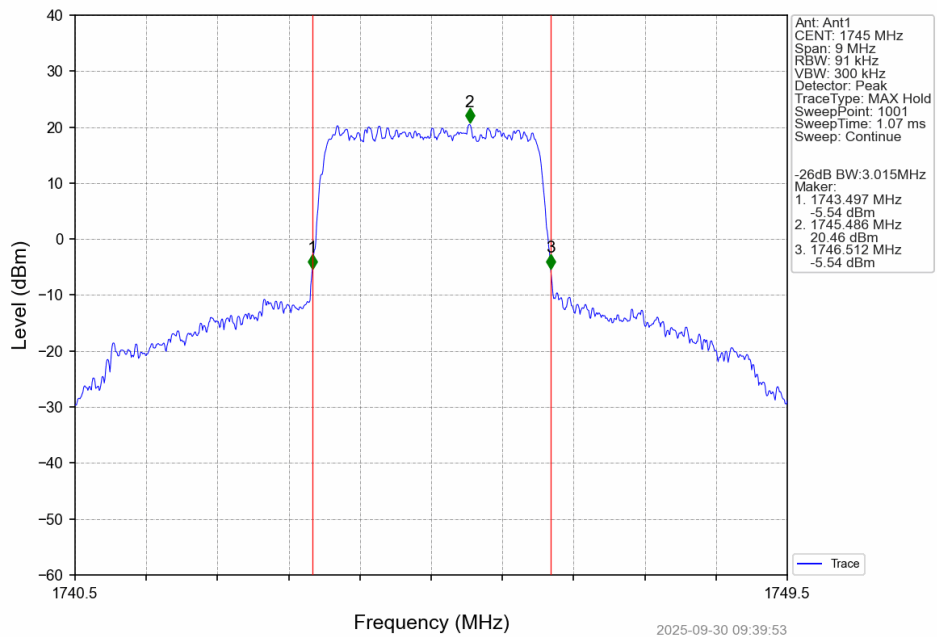
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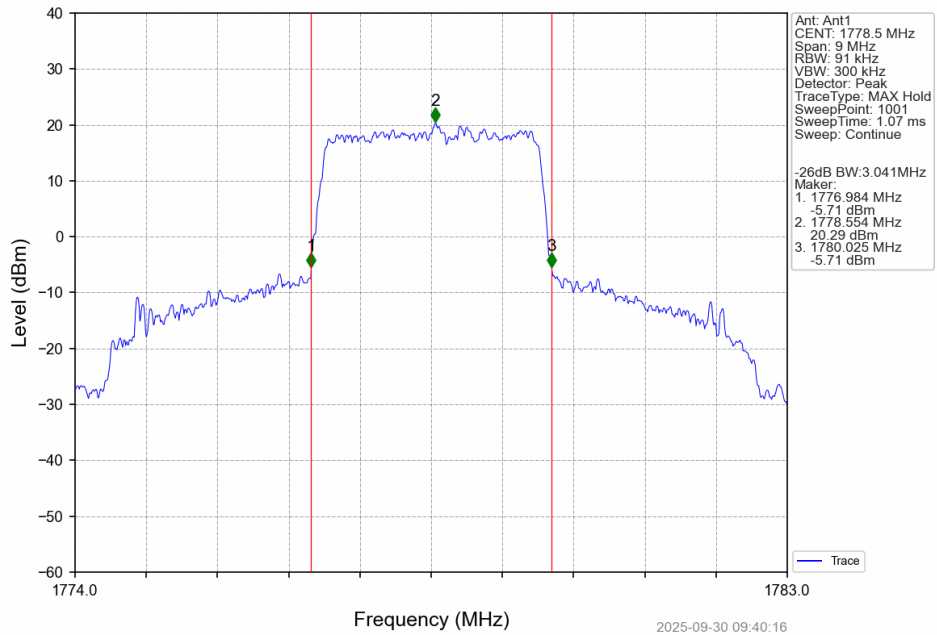
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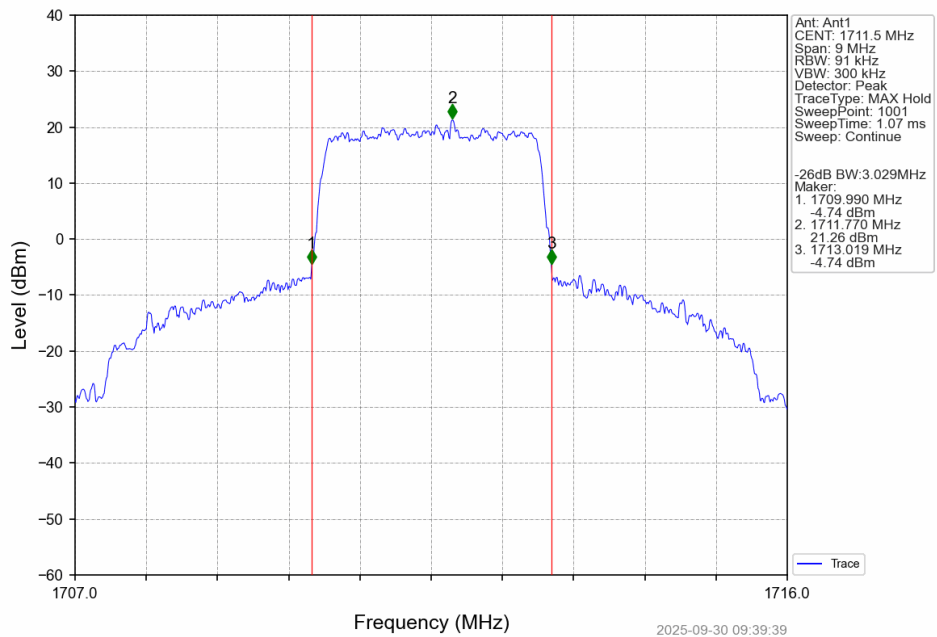
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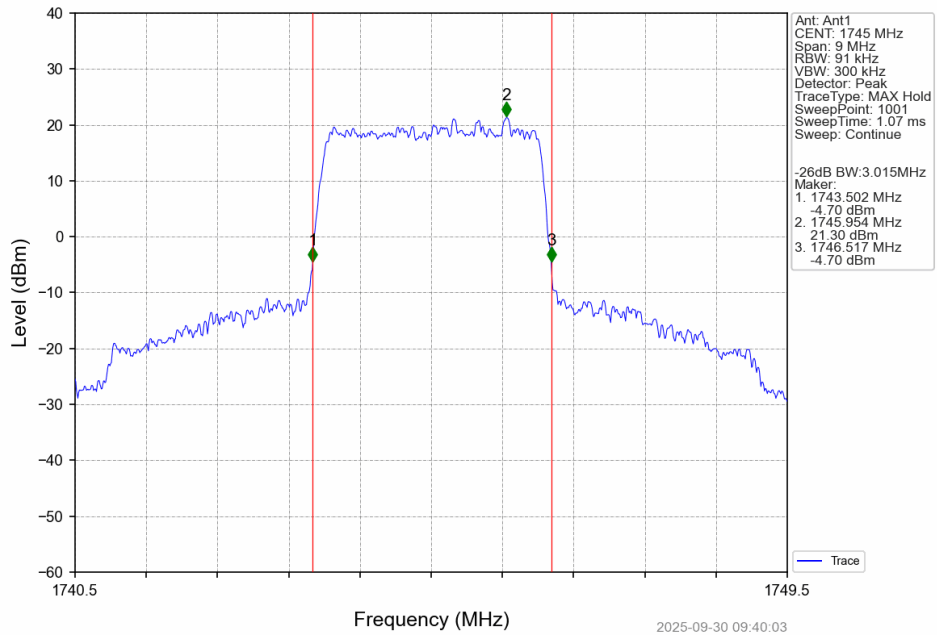
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



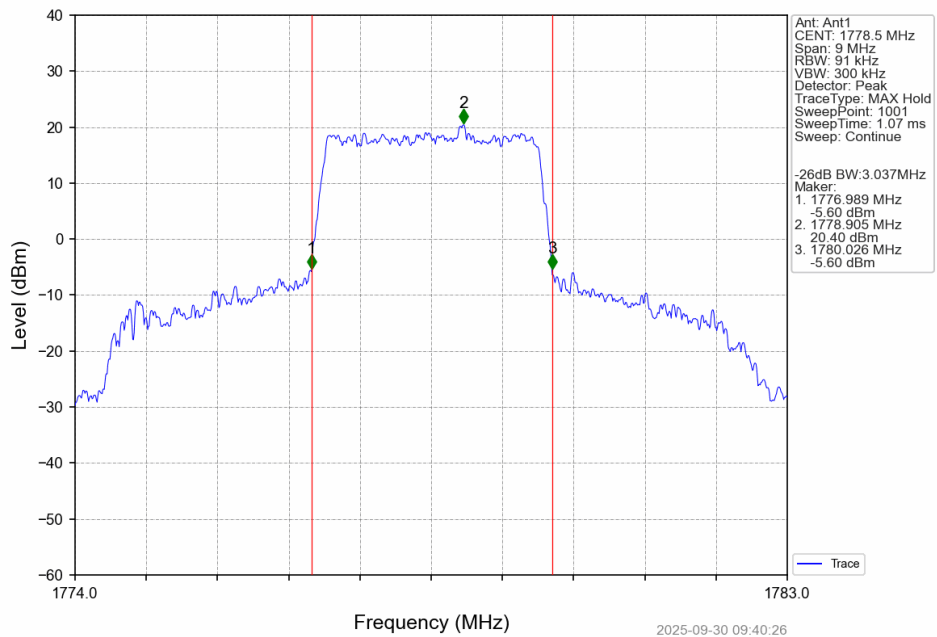
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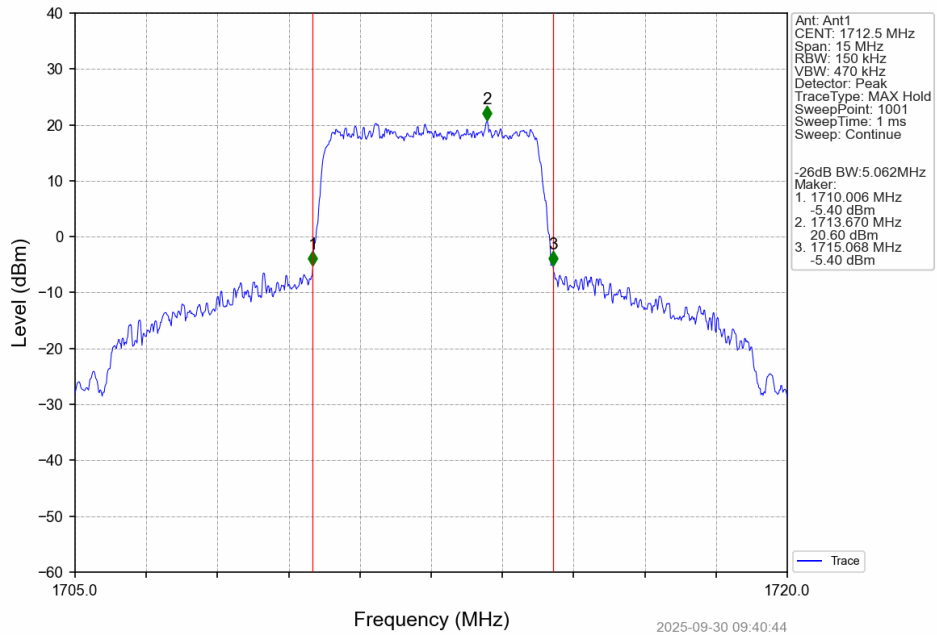
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



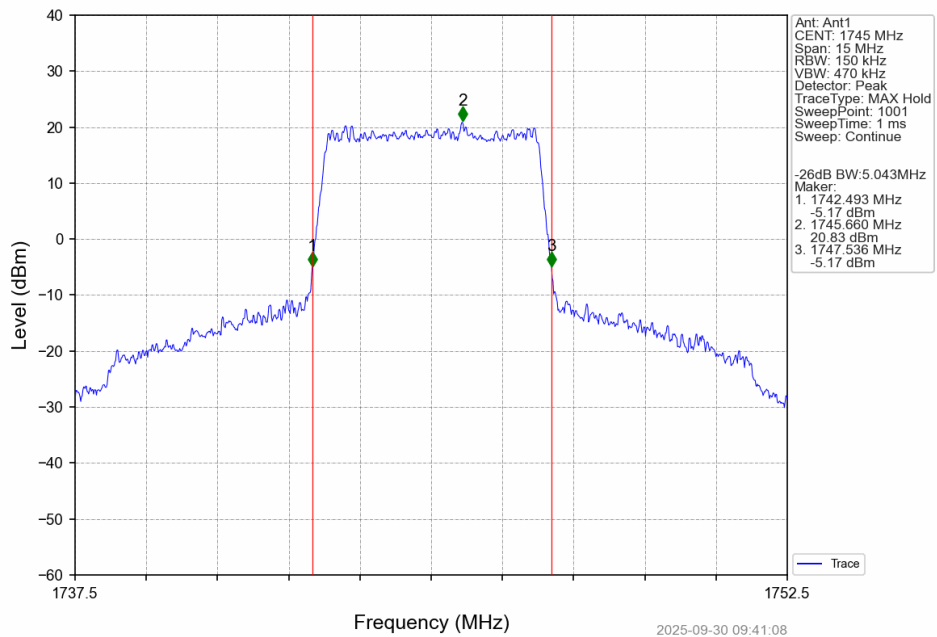
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



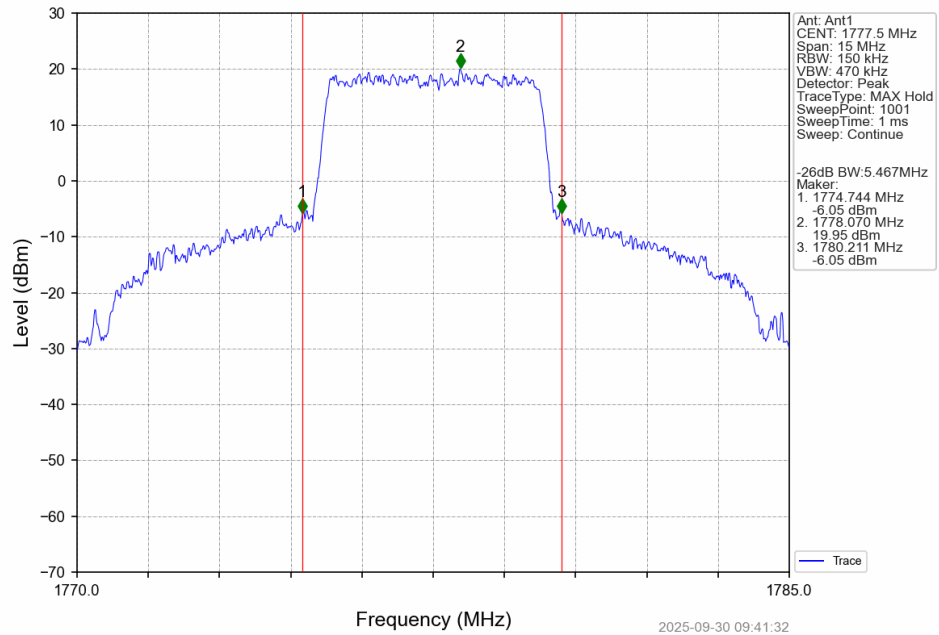
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



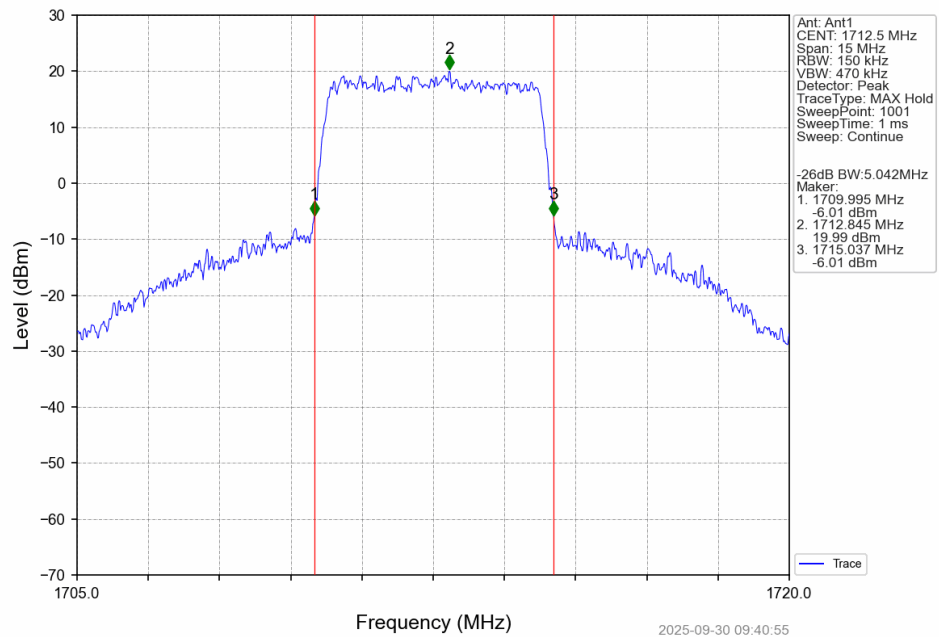
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



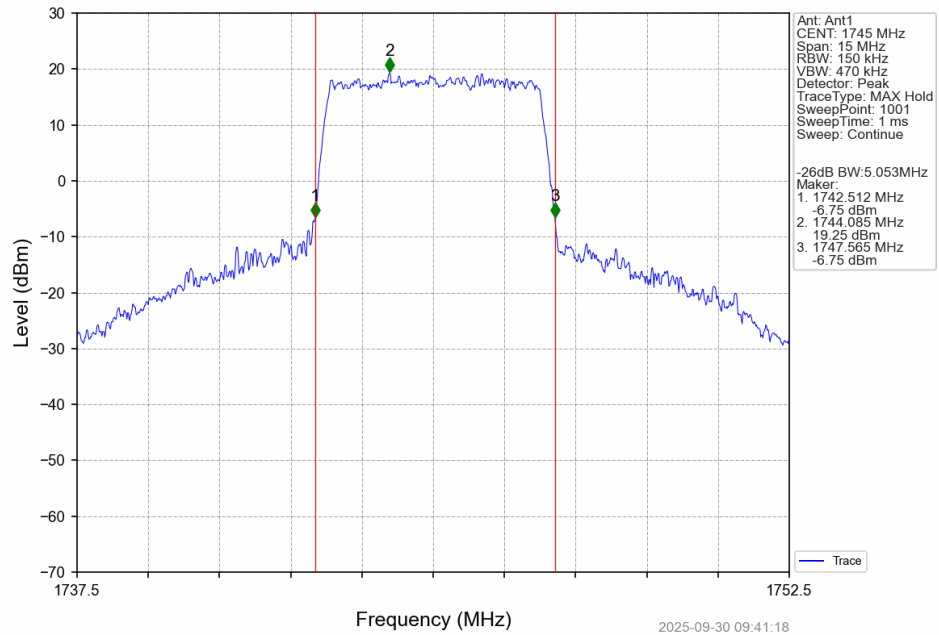
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



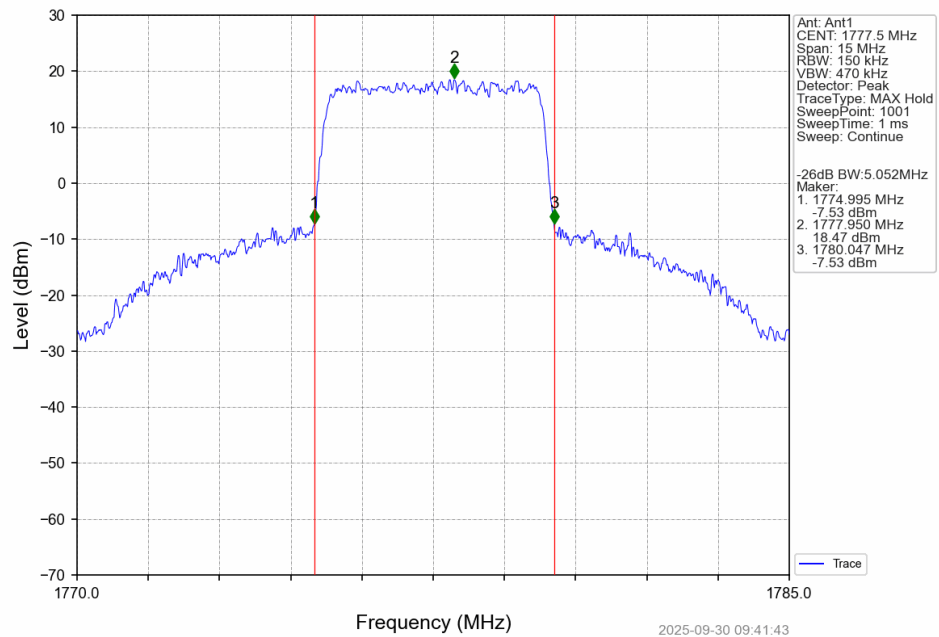
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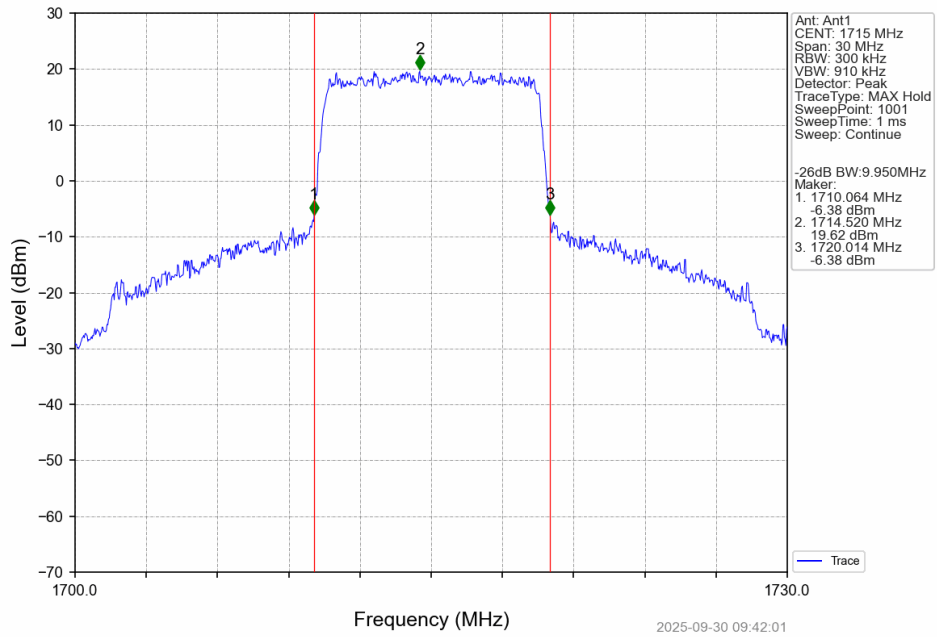
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



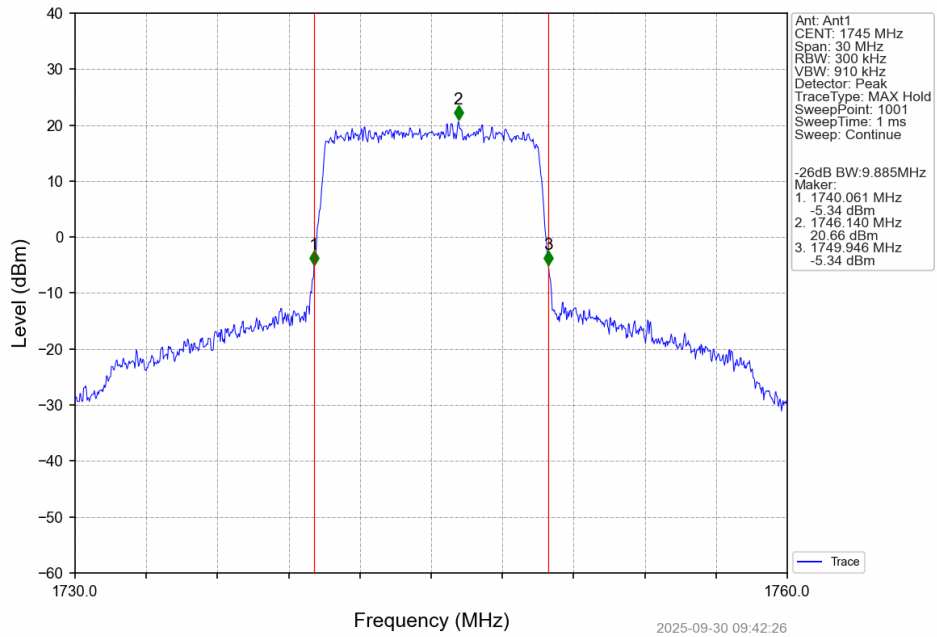
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



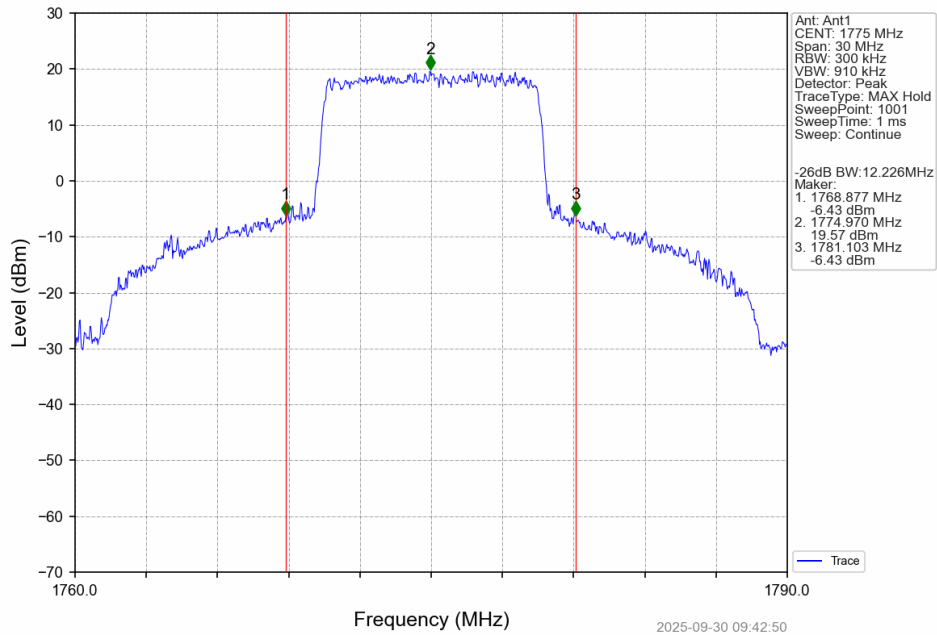
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



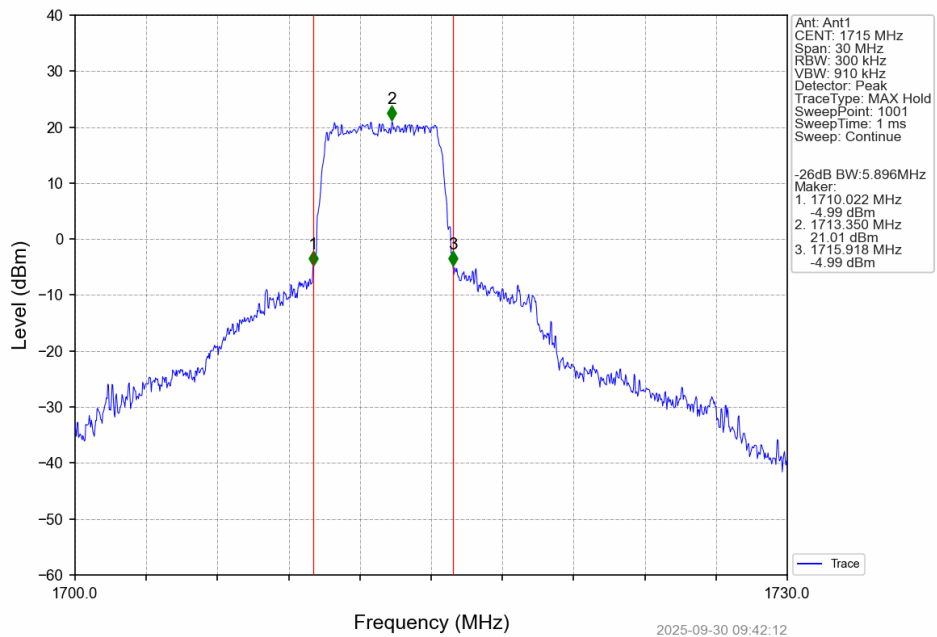
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



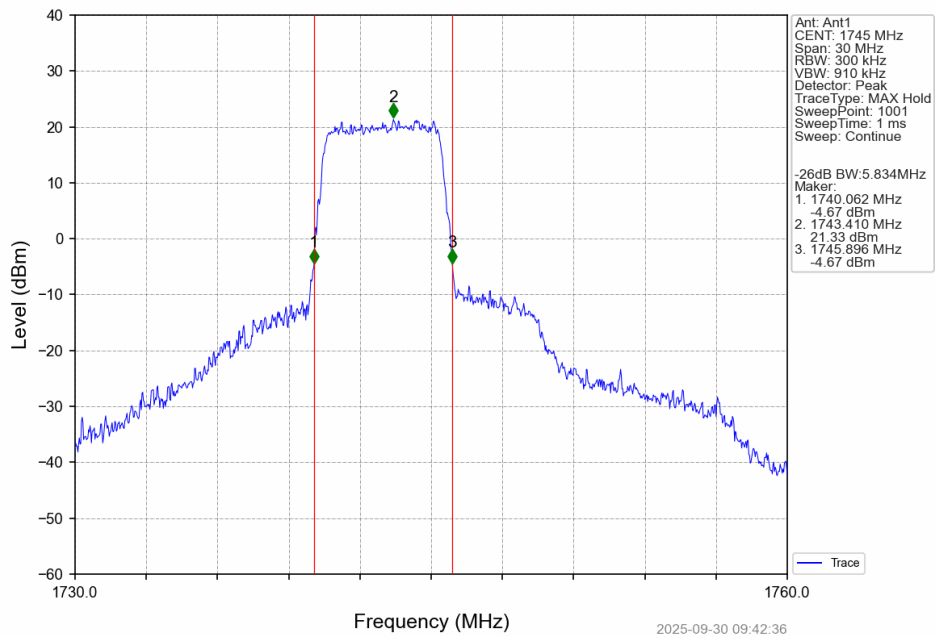
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



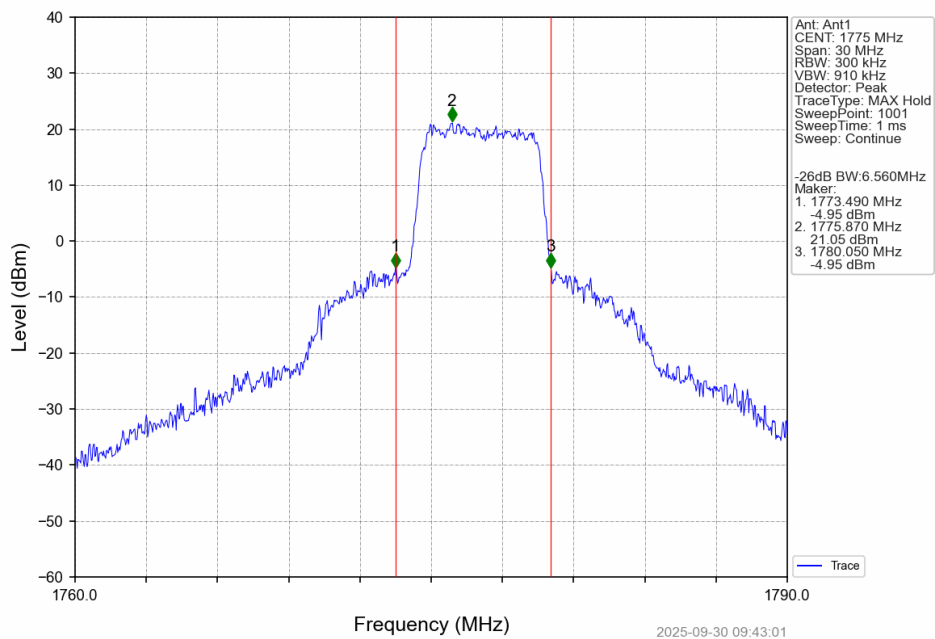
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



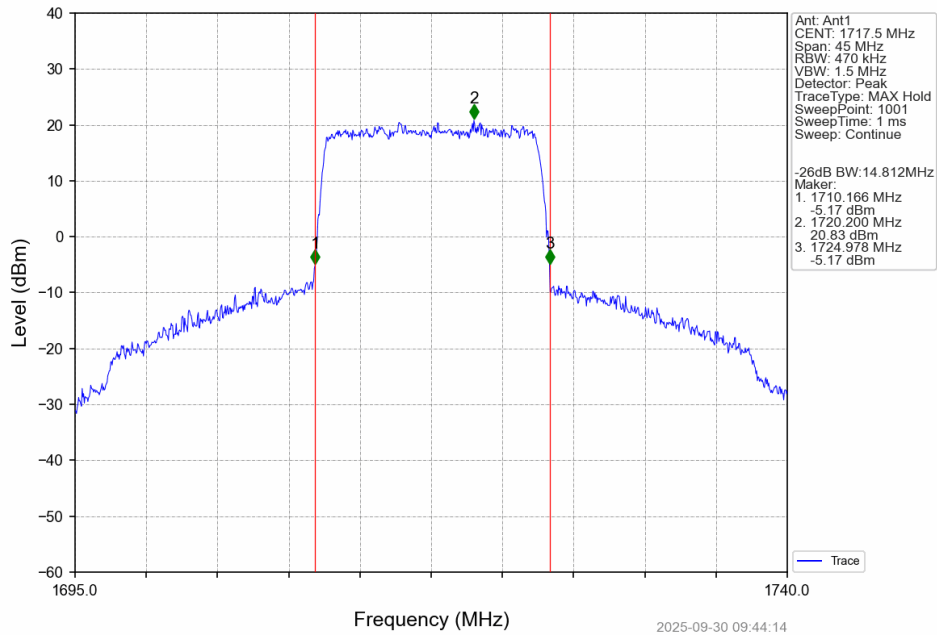
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



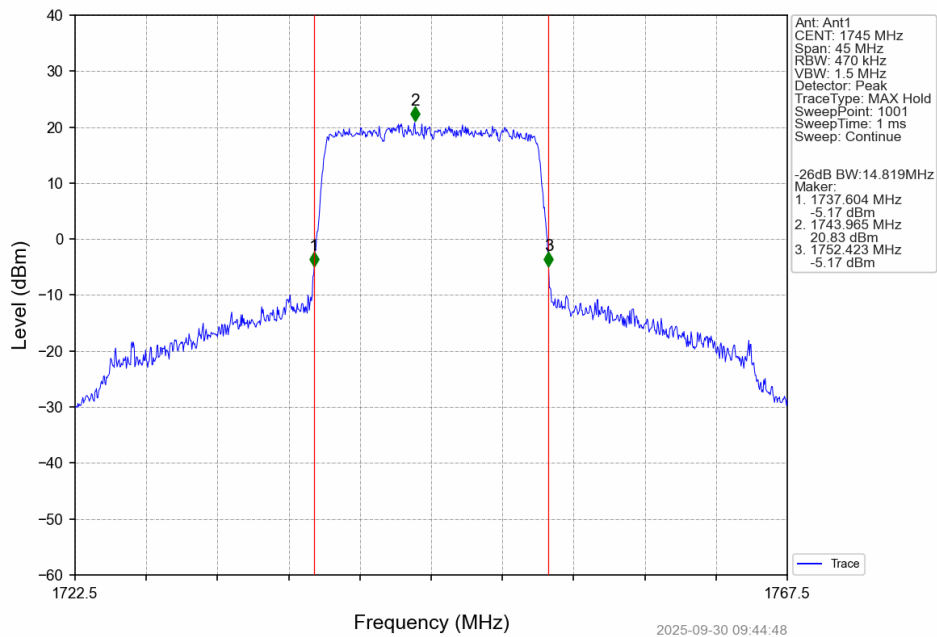
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



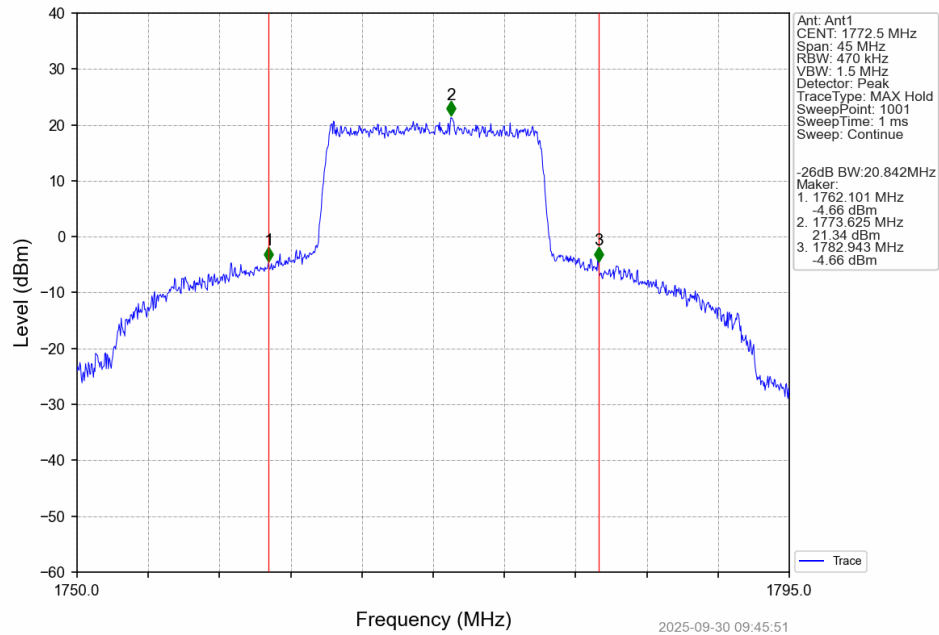
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



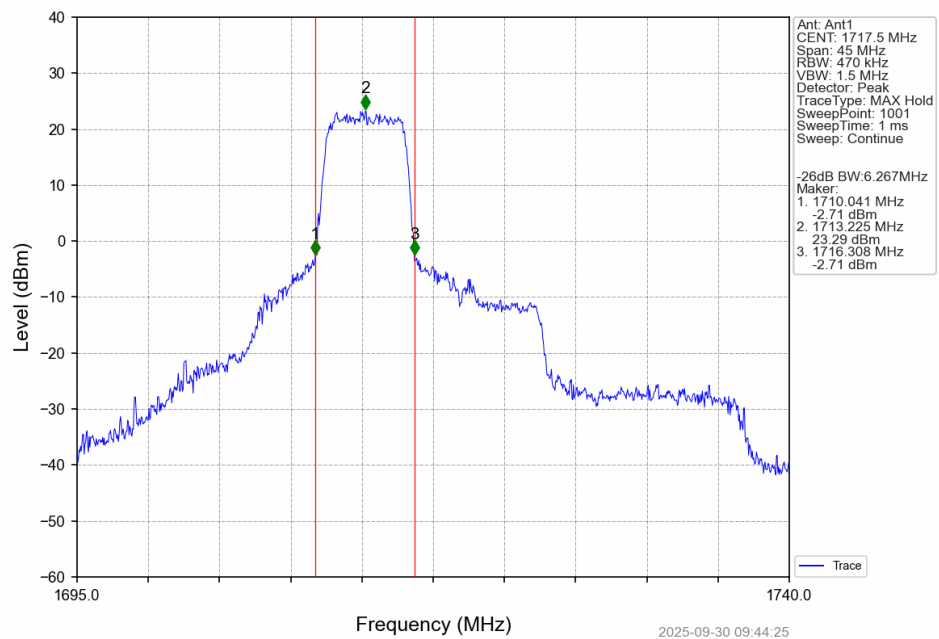
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



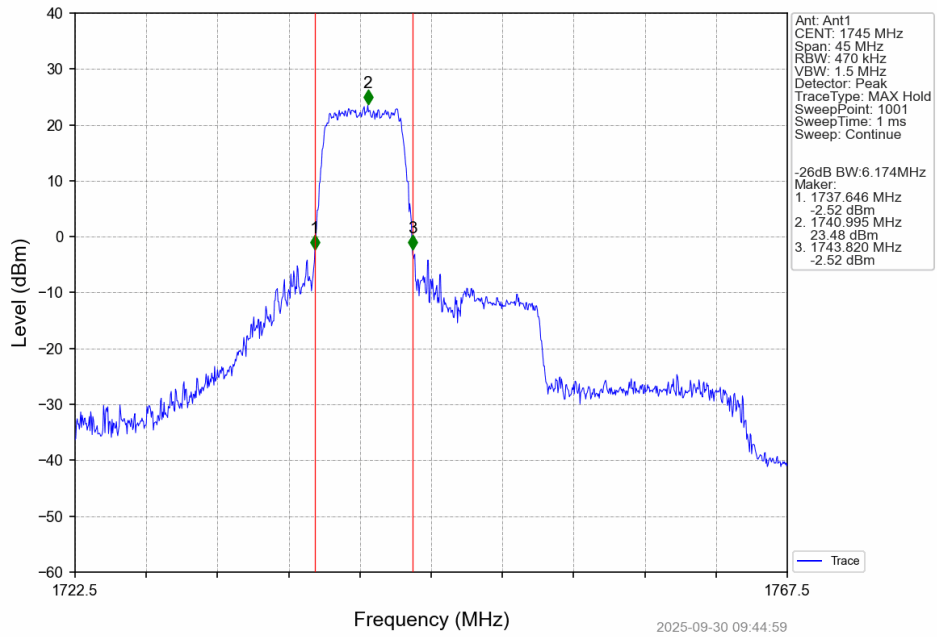
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



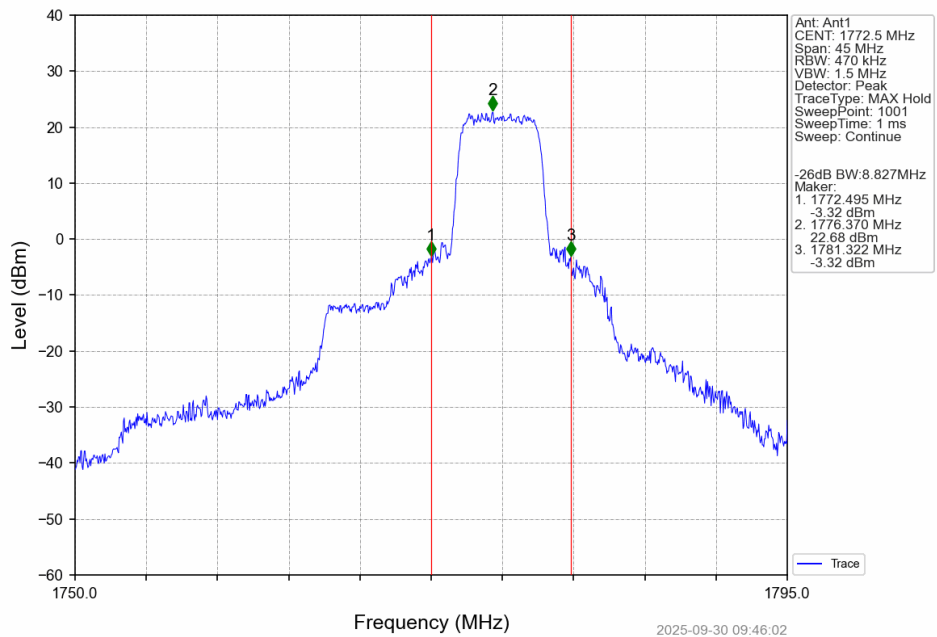
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



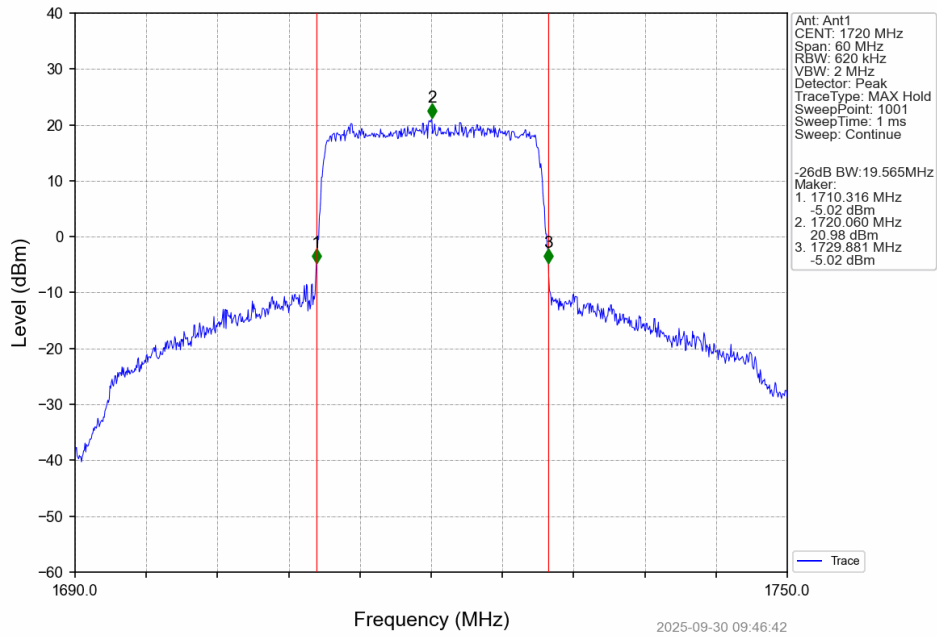
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



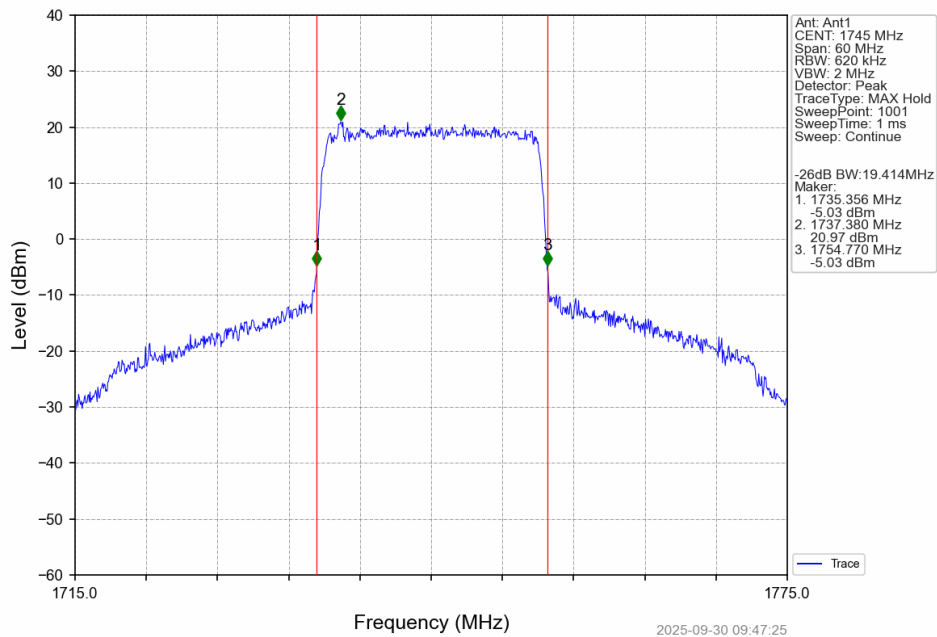
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



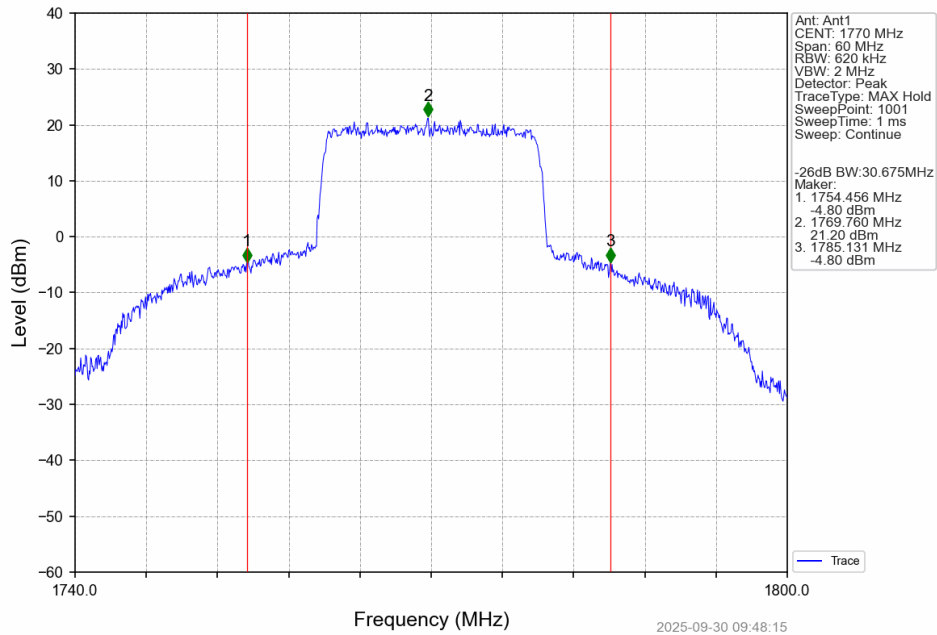
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



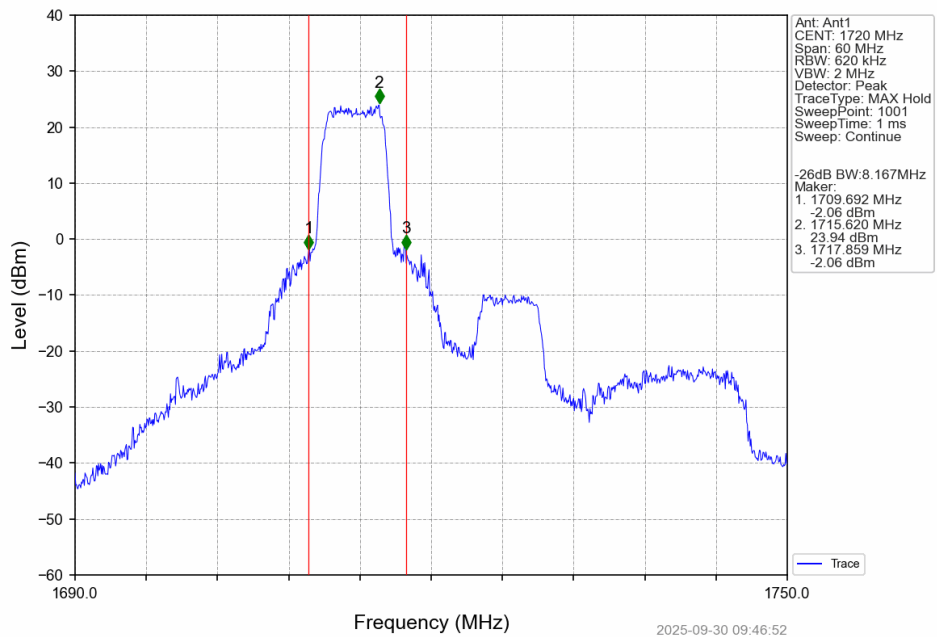
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



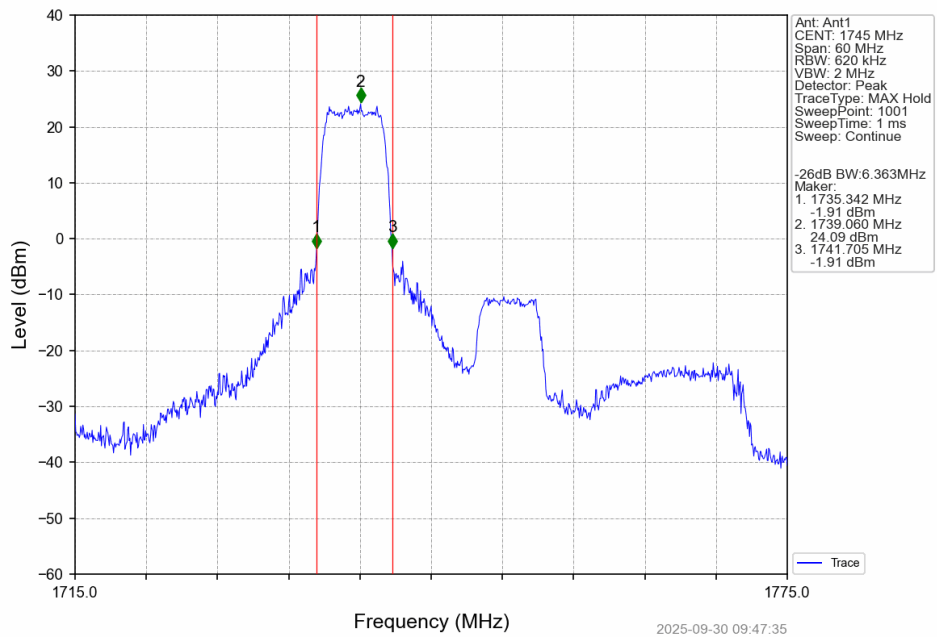
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



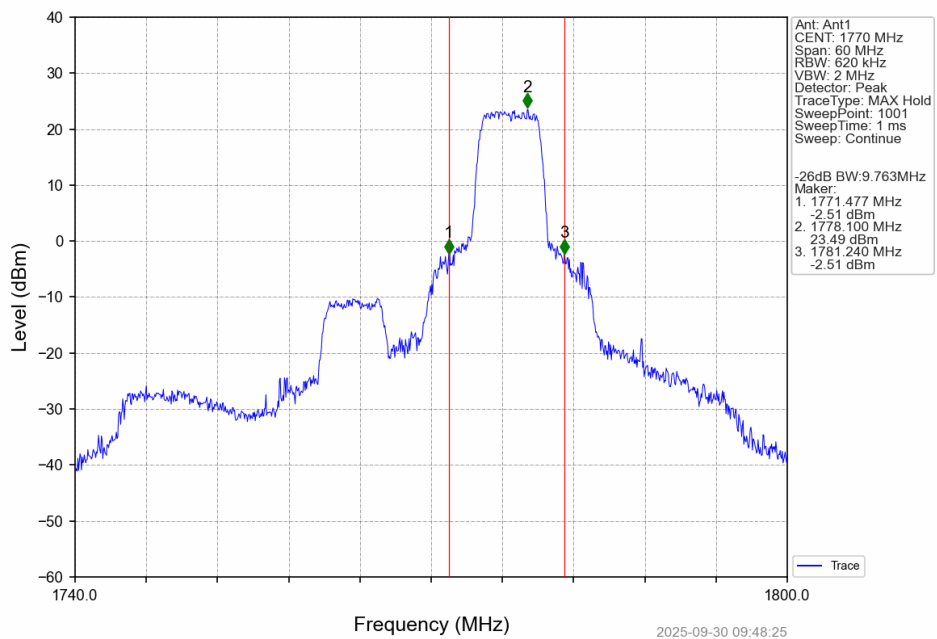
Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_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	3.39	<=13	Pass
	1745	6	0	4.28	<=13	Pass
	1779.3	6	0	3.53	<=13	Pass
16QAM	1710.7	6	0	4.34	<=13	Pass
	1745	6	0	5.08	<=13	Pass
	1779.3	6	0	4.47	<=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	3.83	<=13	Pass
	1745	15	0	4.49	<=13	Pass
	1778.5	15	0	3.93	<=13	Pass
16QAM	1711.5	15	0	4.69	<=13	Pass
	1745	15	0	5.28	<=13	Pass
	1778.5	15	0	4.80	<=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	4.53	<=13	Pass
	1745	25	0	4.89	<=13	Pass
	1777.5	25	0	4.52	<=13	Pass
16QAM	1712.5	25	0	5.22	<=13	Pass
	1745	25	0	5.60	<=13	Pass
	1777.5	25	0	5.24	<=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	4.61	<=13	Pass
	1745	50	0	4.91	<=13	Pass
	1775	50	0	4.29	<=13	Pass
16QAM	1715	27	0	4.84	<=13	Pass
	1745	27	0	5.50	<=13	Pass

	1775	27	23	4.79	<=13	Pass
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5.1.5 B66_15MHz

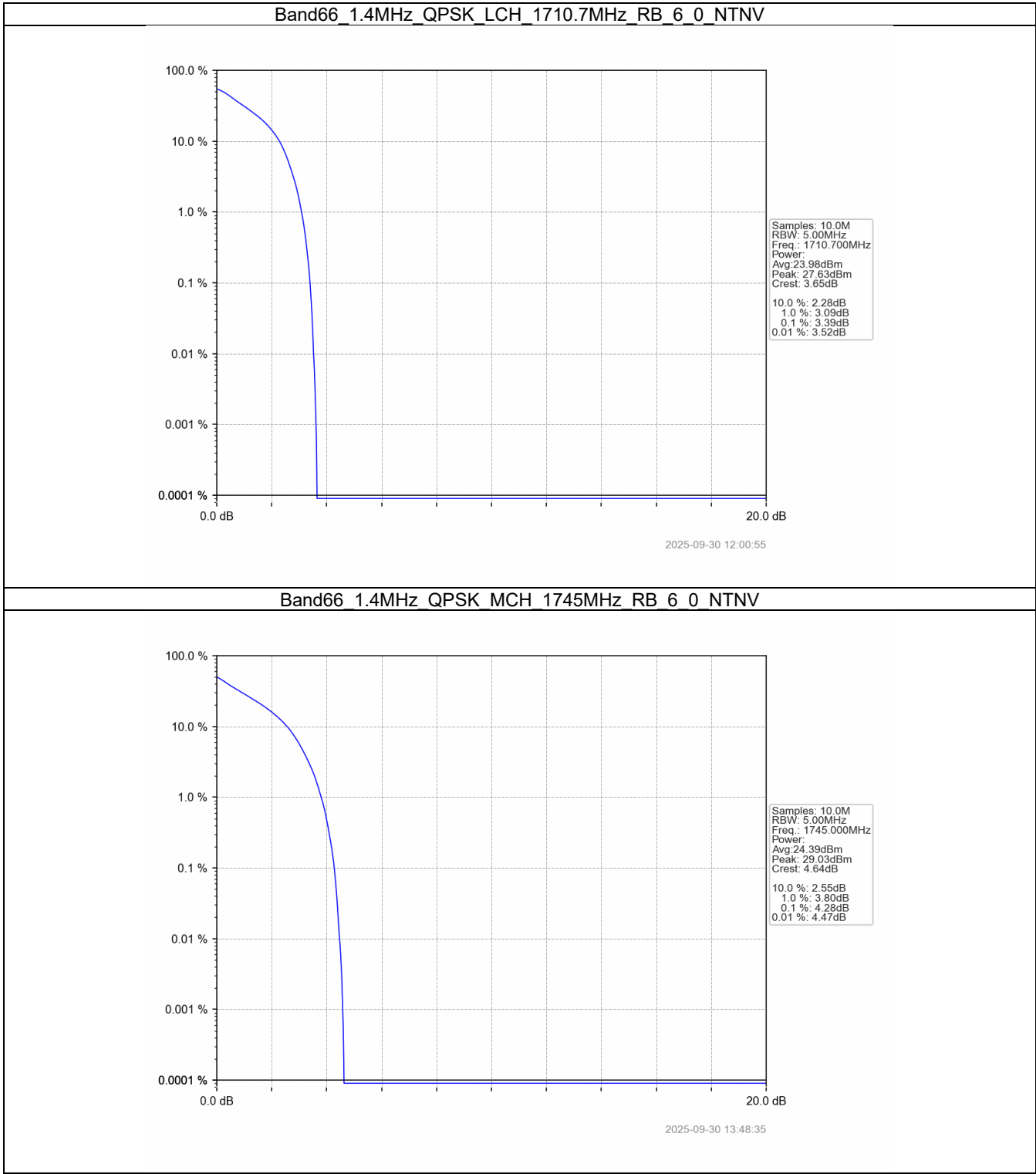
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.94	<=13	Pass
	1745	75	0	5.12	<=13	Pass
	1772.5	75	0	4.35	<=13	Pass
16QAM	1717.5	27	0	4.76	<=13	Pass
	1745	27	0	5.56	<=13	Pass
	1772.5	27	48	4.57	<=13	Pass

5.1.6 B66_20MHz

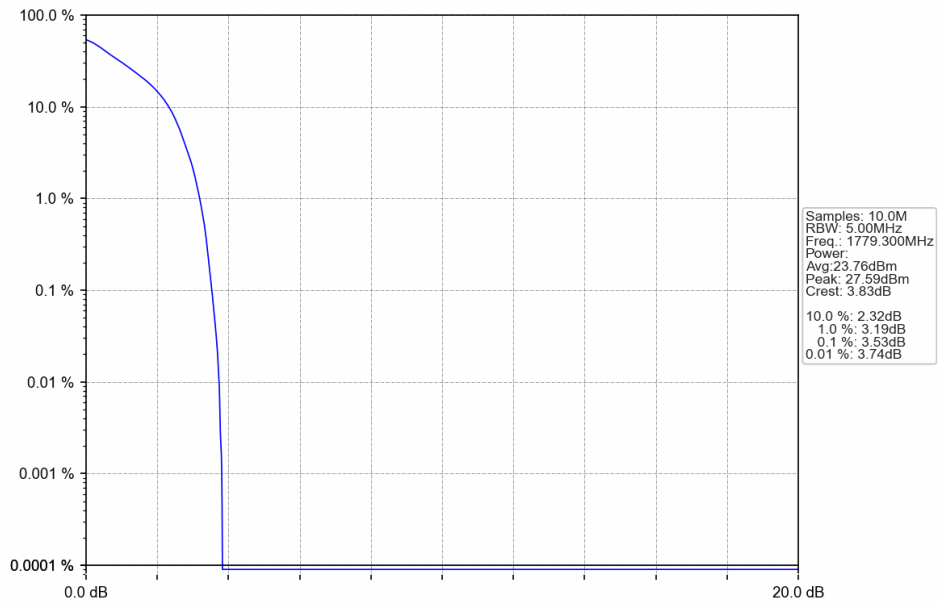
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.81	<=13	Pass
	1745	100	0	4.84	<=13	Pass
	1770	100	0	8.39	<=13	Pass
16QAM	1720	27	0	4.82	<=13	Pass
	1745	27	0	5.79	<=13	Pass
	1770	27	73	4.51	<=13	Pass

5.2 Test Graph

5.2.1 B66_1.4MHz

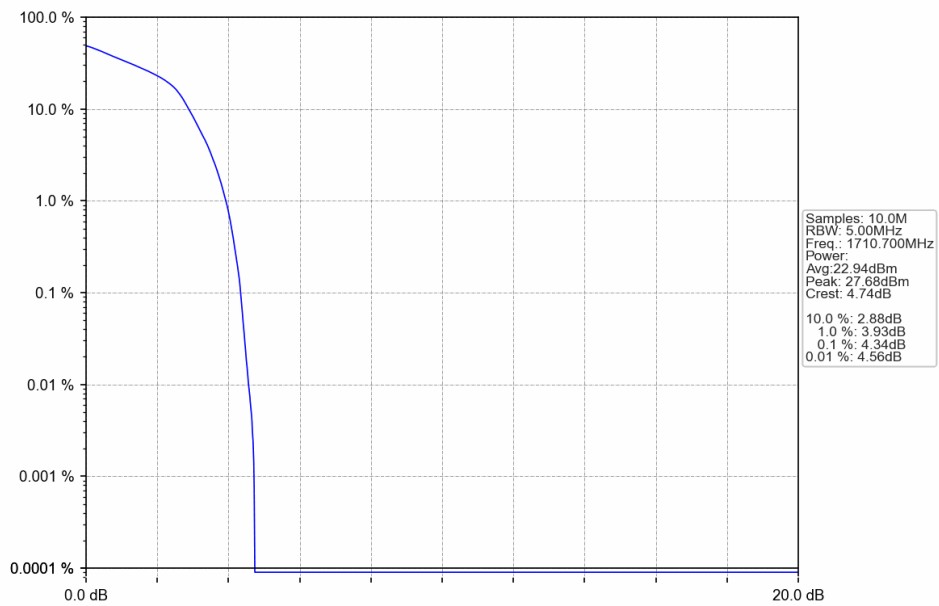


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



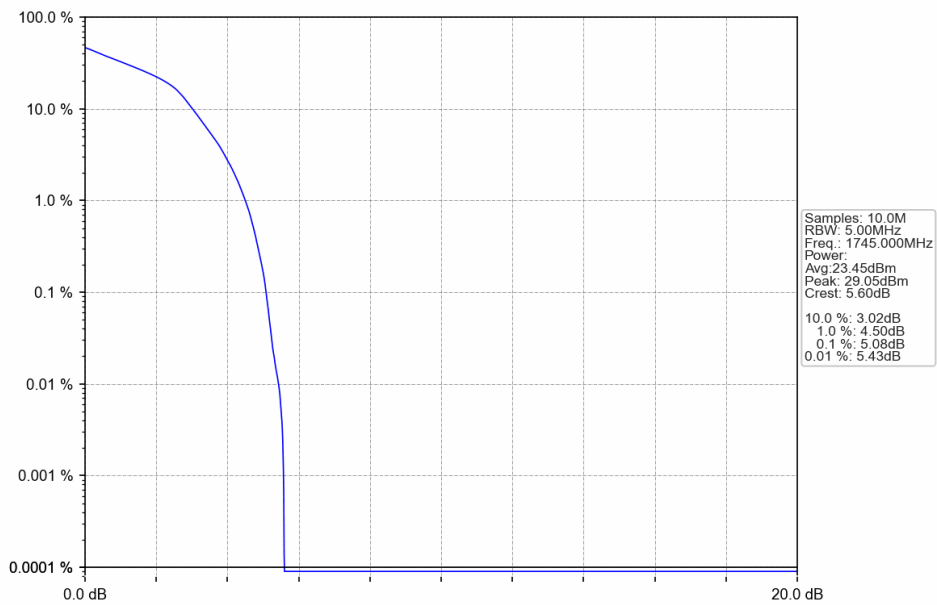
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



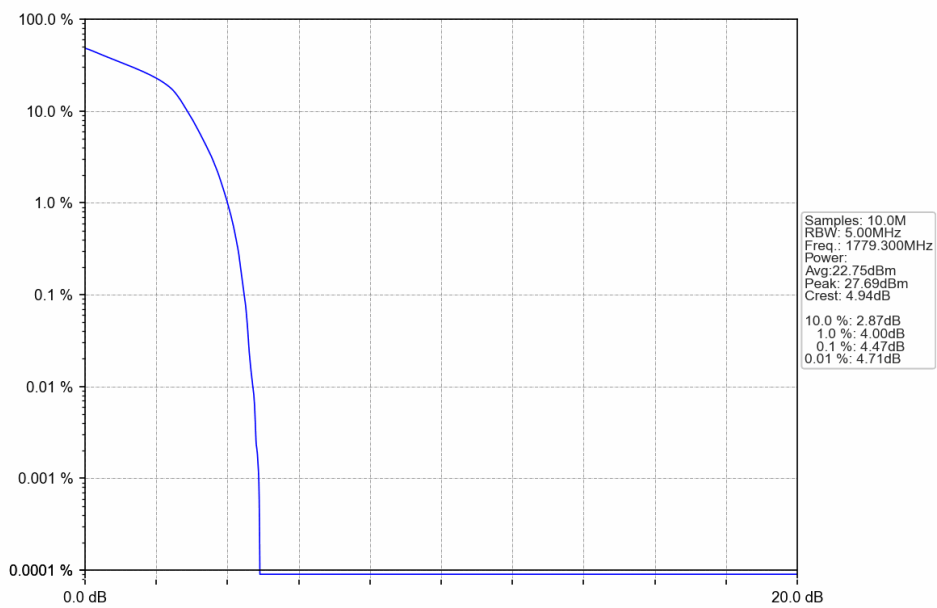
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Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



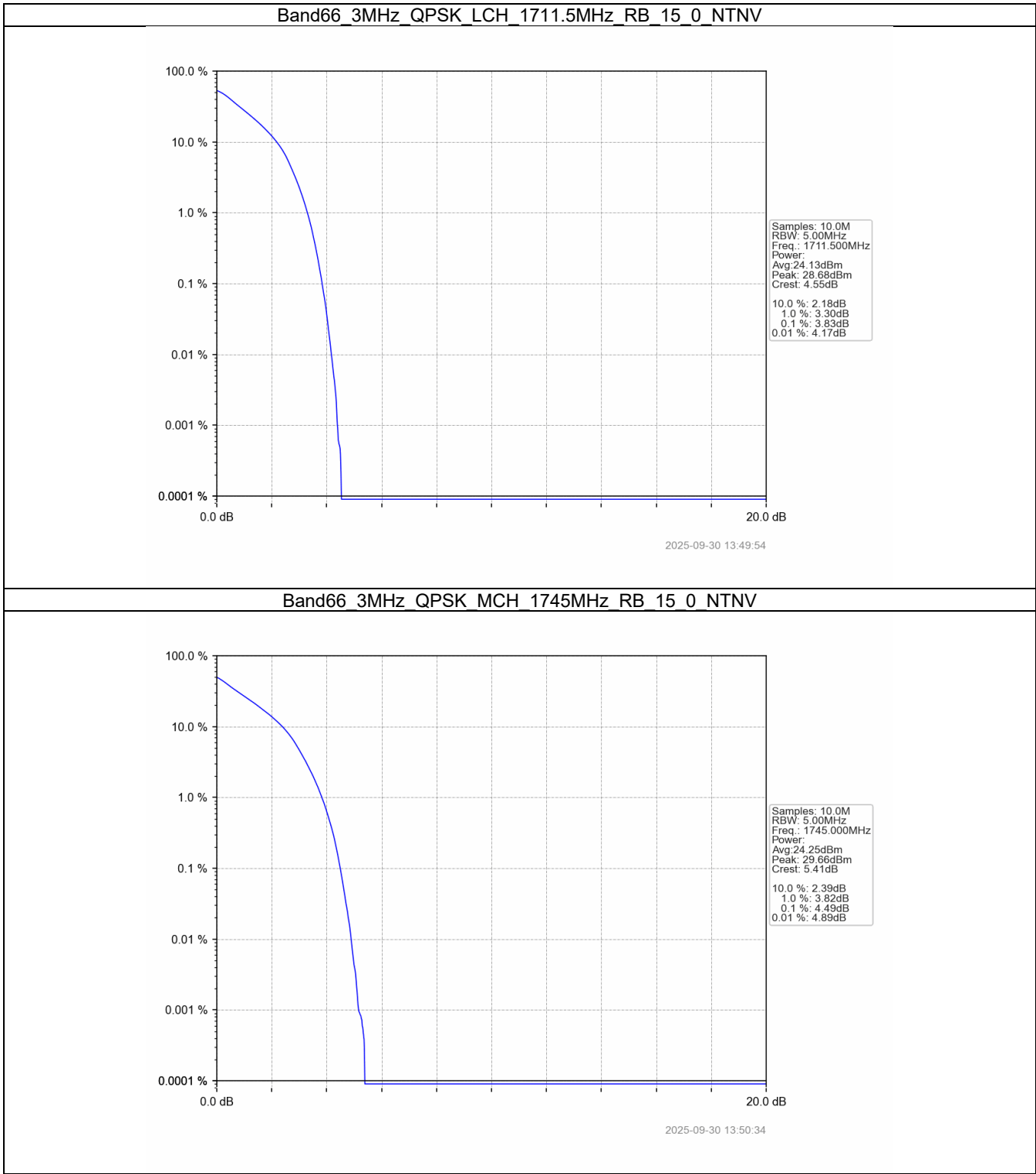
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Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

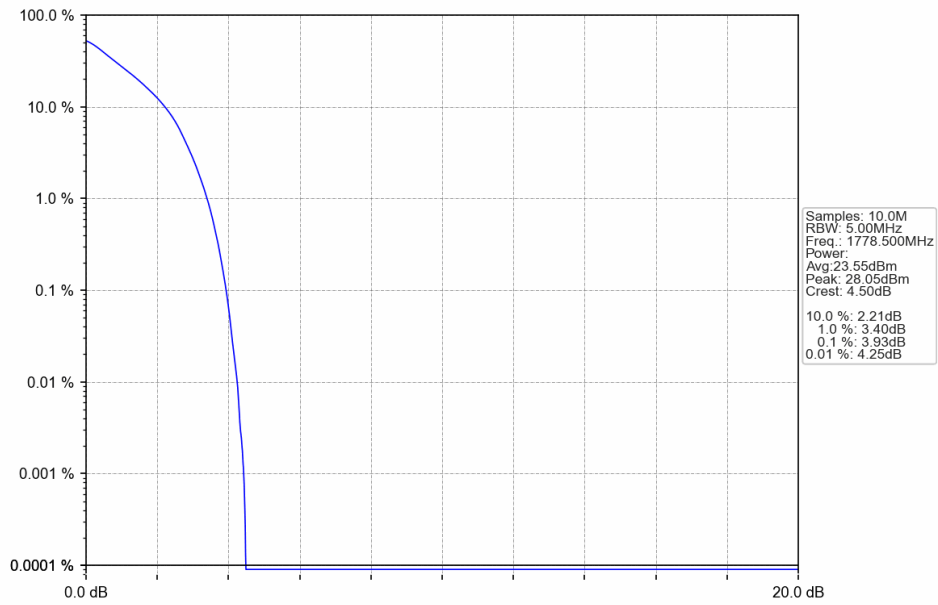


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5.2.2 B66_3MHz

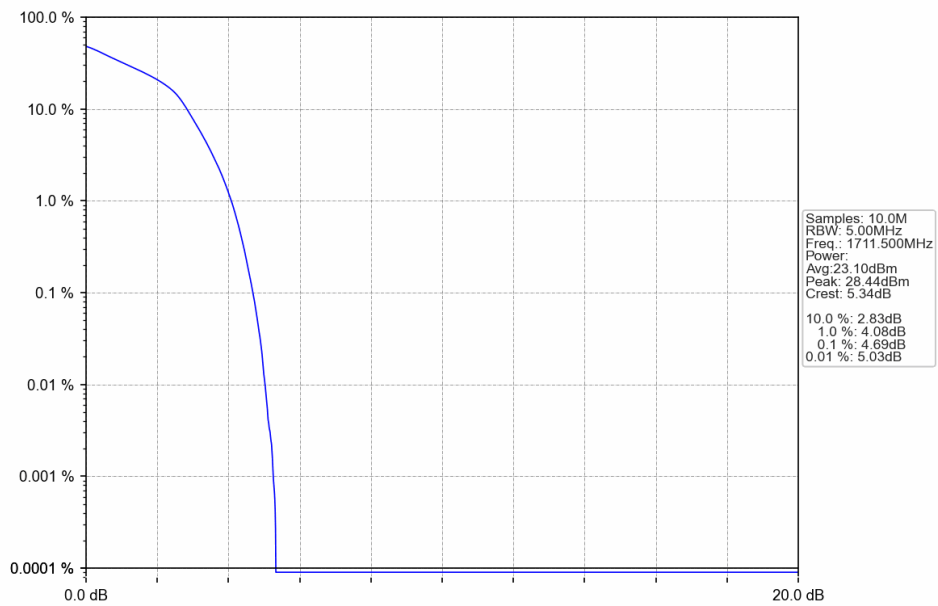


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



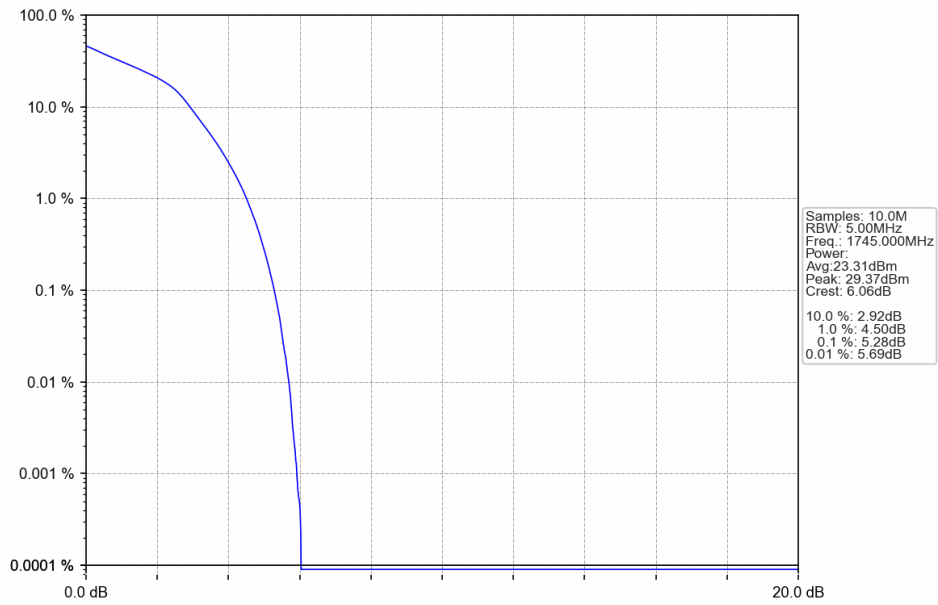
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Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



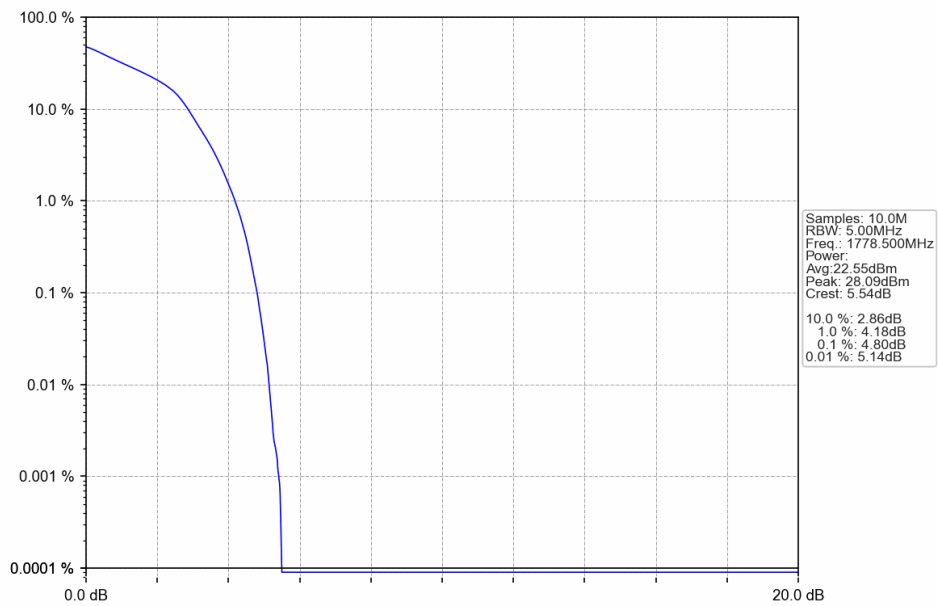
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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



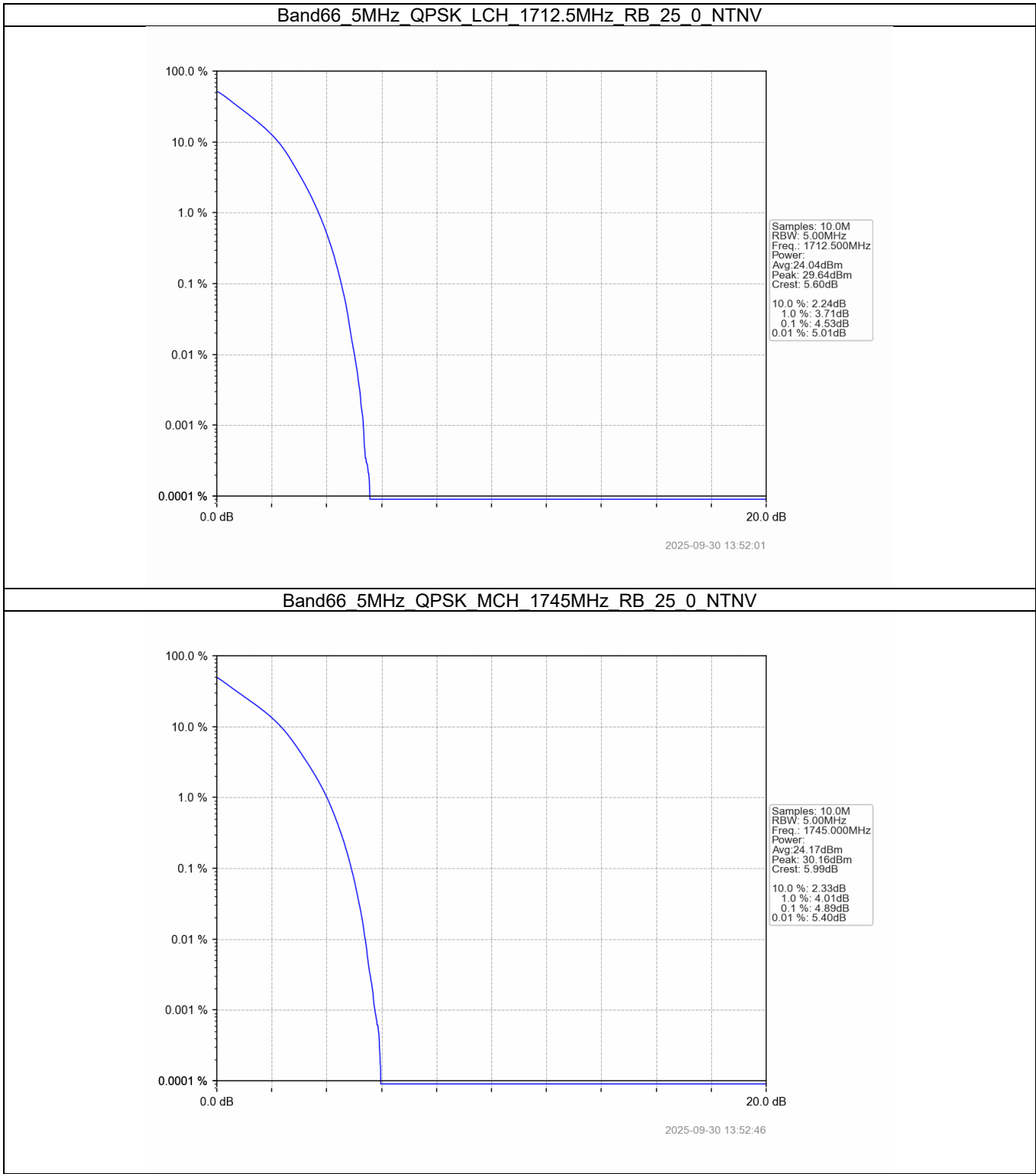
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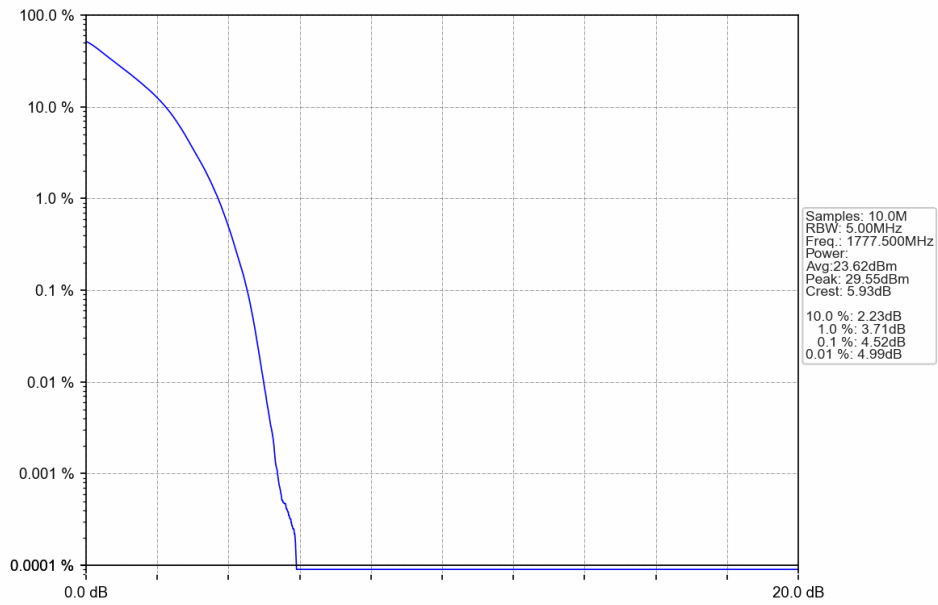


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5.2.3 B66_5MHz

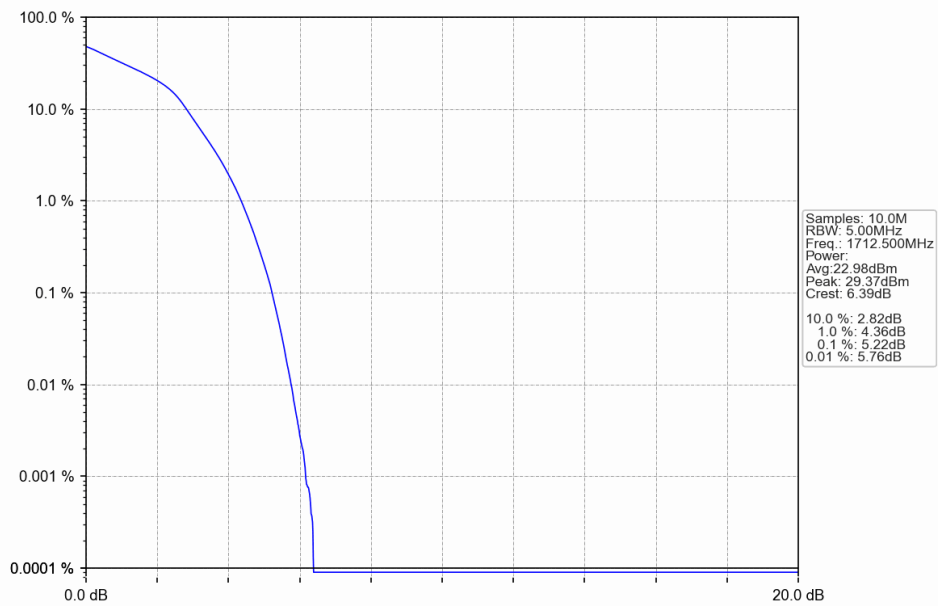


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



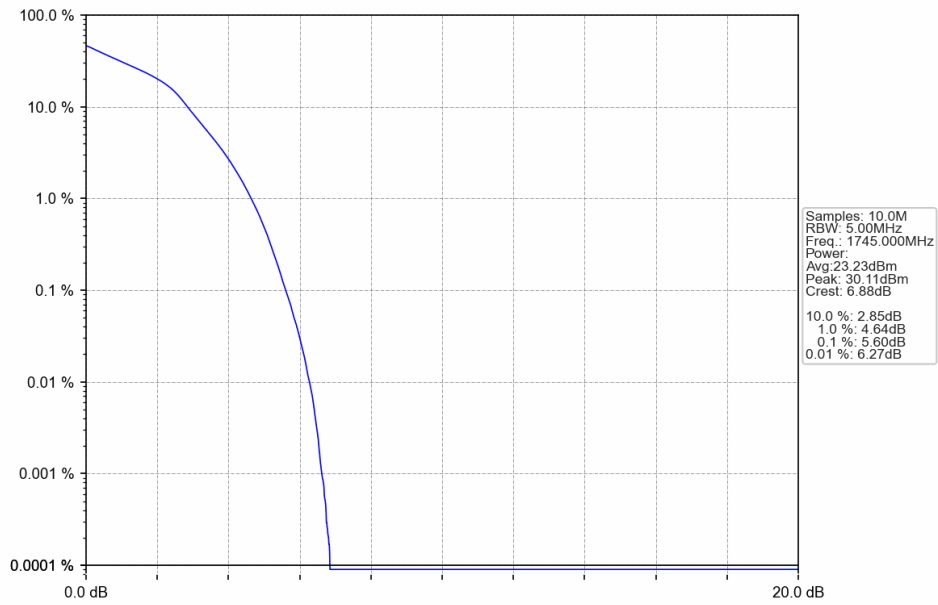
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



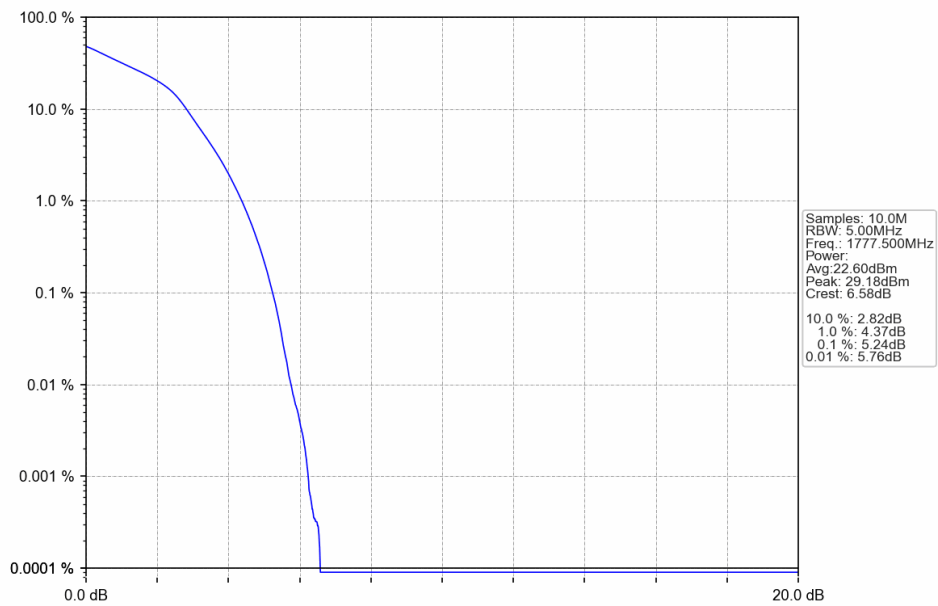
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Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



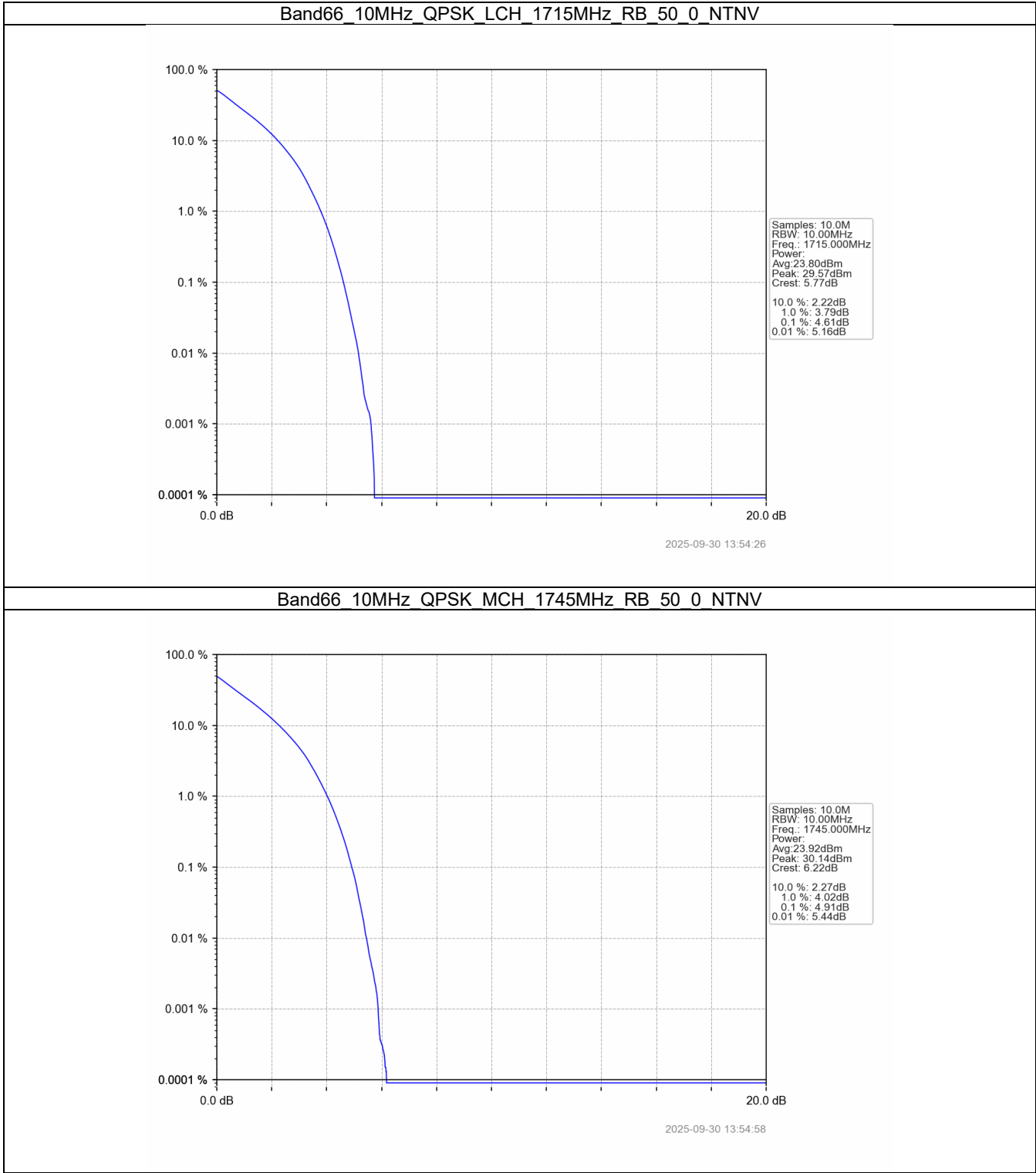
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

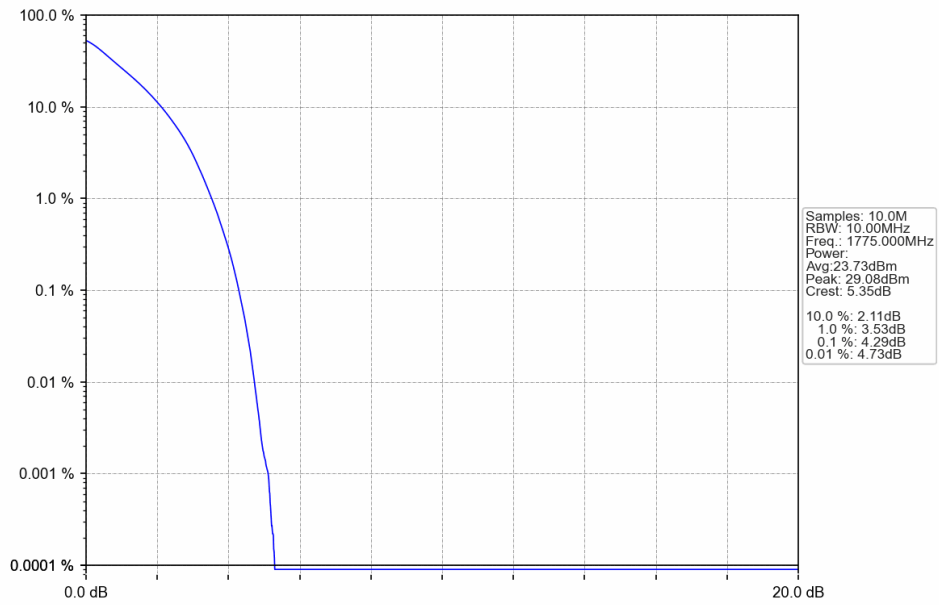


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5.2.4 B66_10MHz

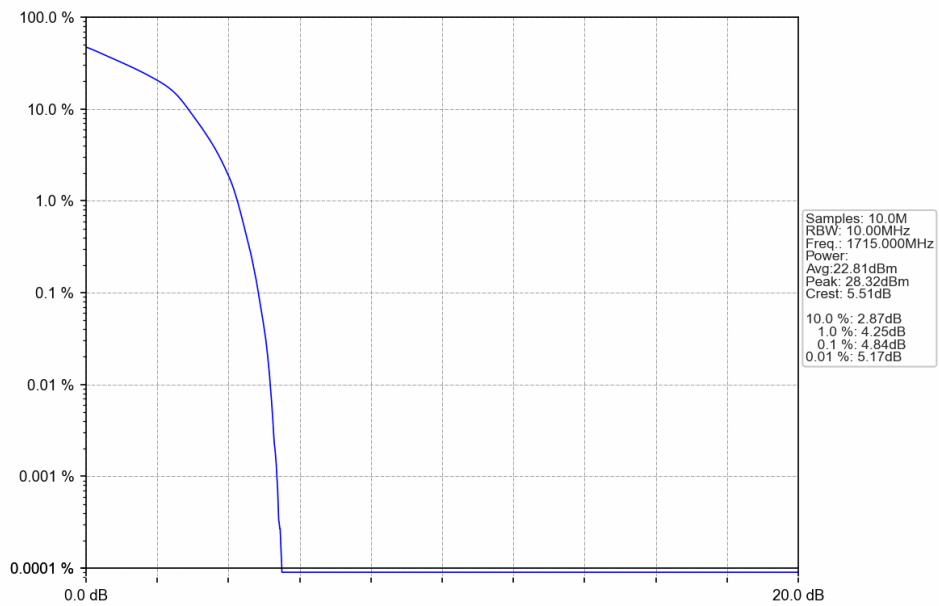


Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



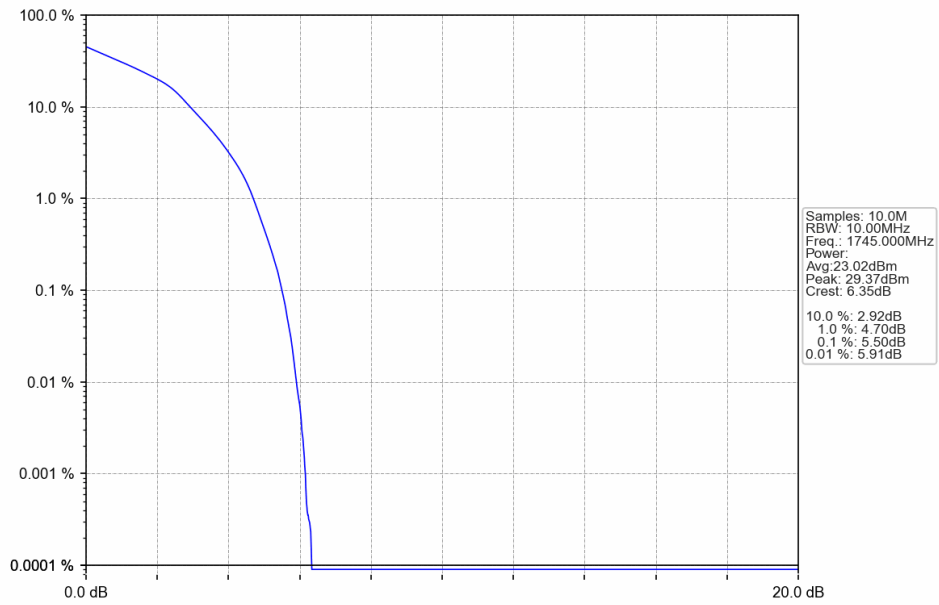
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Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



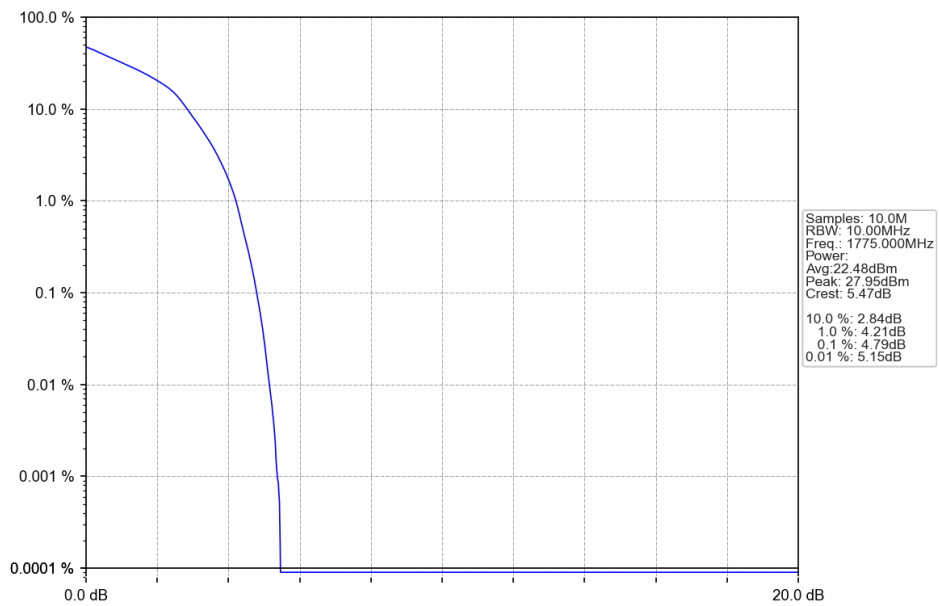
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Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



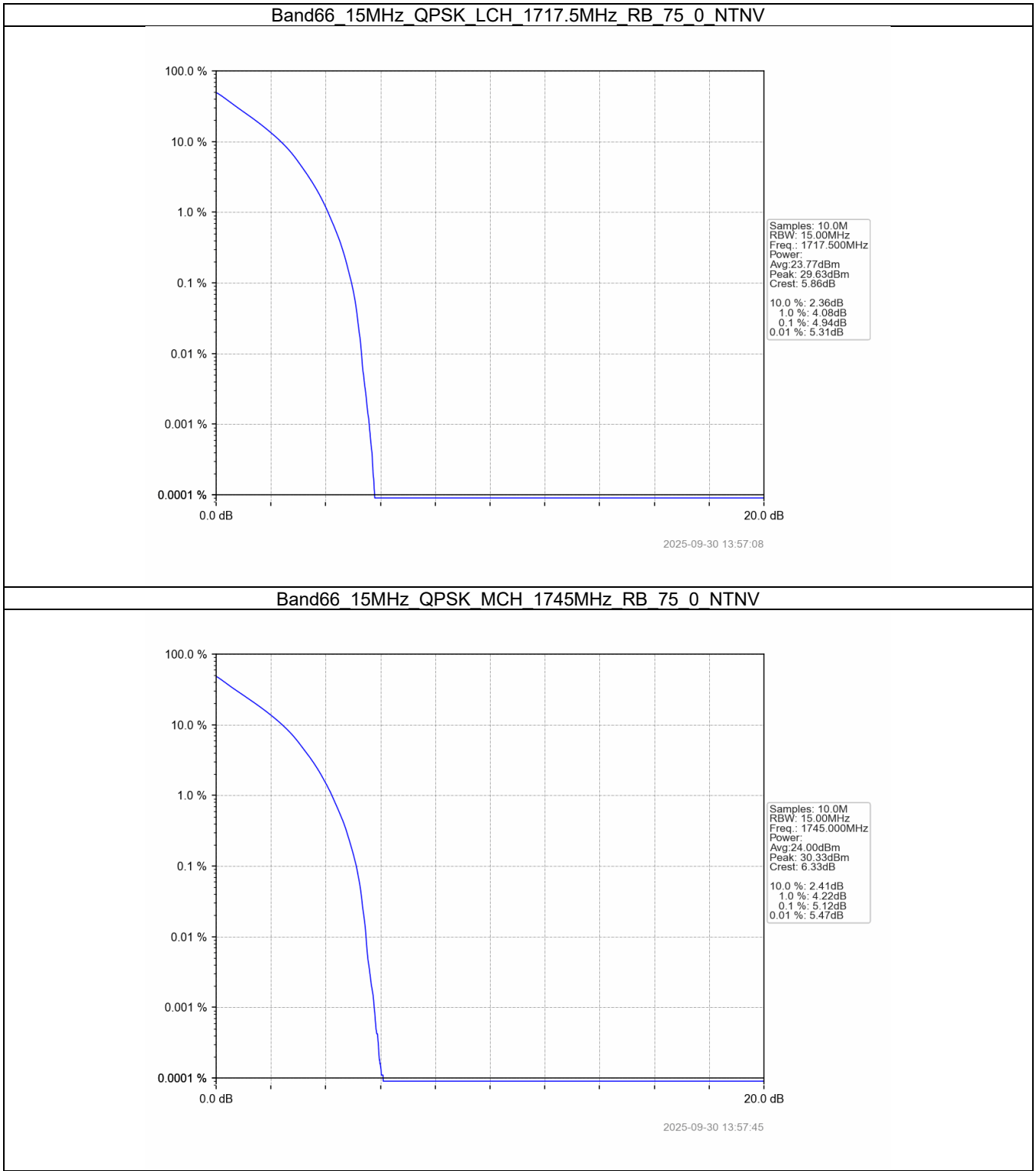
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Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV

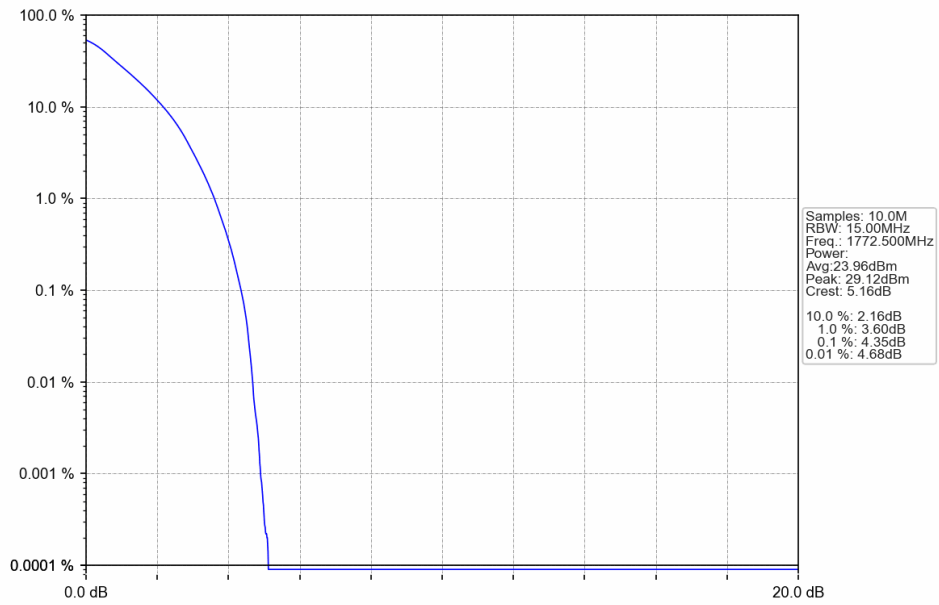


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5.2.5 B66_15MHz

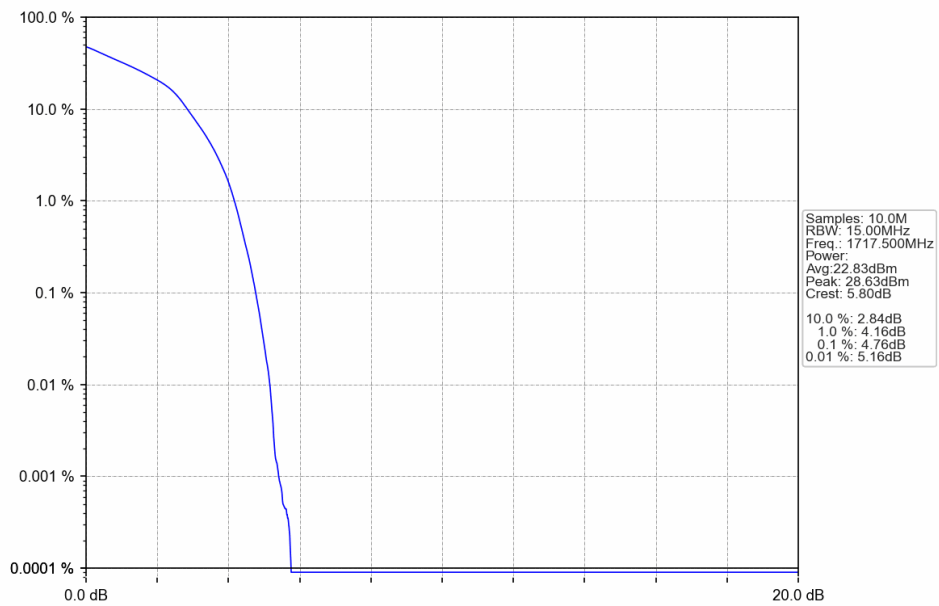


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



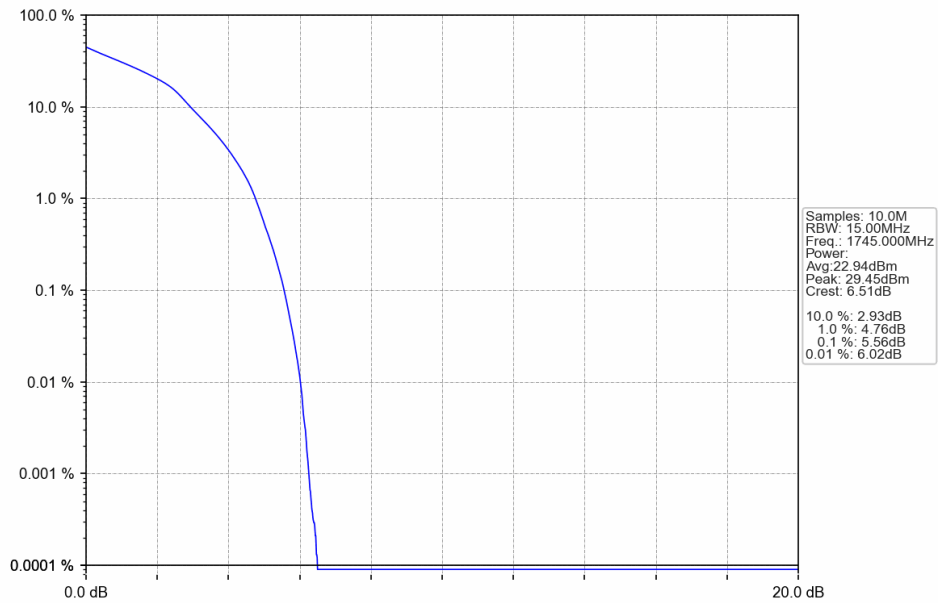
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Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



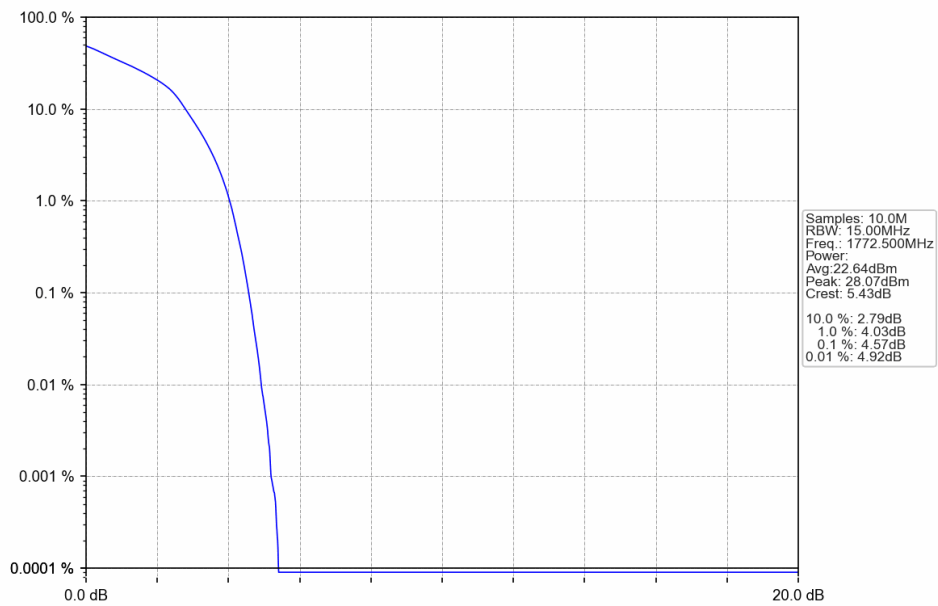
2025-09-30 13:57:20

Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



2025-09-30 13:57:59

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



2025-09-30 13:58:50

5.2.6 B66_20MHz

