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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band 4	1.4MHz	QPSK	L	1RB0	24.22	26.52	30	PASS
Band 4	1.4MHz	QPSK	L	1RB2	24.28	26.58	30	PASS
Band 4	1.4MHz	QPSK	L	1RB5	24.3	26.6	30	PASS
Band 4	1.4MHz	QPSK	L	3RB0	24.26	26.56	30	PASS
Band 4	1.4MHz	QPSK	L	3RB2	24.25	26.55	30	PASS
Band 4	1.4MHz	QPSK	L	3RB3	24.25	26.55	30	PASS
Band 4	1.4MHz	QPSK	L	6RB0	23.27	25.57	30	PASS
Band 4	1.4MHz	QPSK	M	1RB0	24.34	26.64	30	PASS
Band 4	1.4MHz	QPSK	M	1RB2	24.37	26.67	30	PASS
Band 4	1.4MHz	QPSK	M	1RB5	24.36	26.66	30	PASS
Band 4	1.4MHz	QPSK	M	3RB0	24.27	26.57	30	PASS
Band 4	1.4MHz	QPSK	M	3RB2	24.28	26.58	30	PASS
Band 4	1.4MHz	QPSK	M	3RB3	24.27	26.57	30	PASS
Band 4	1.4MHz	QPSK	M	6RB0	23.32	25.62	30	PASS
Band 4	1.4MHz	QPSK	H	1RB0	24.2	26.5	30	PASS
Band 4	1.4MHz	QPSK	H	1RB2	24.22	26.52	30	PASS
Band 4	1.4MHz	QPSK	H	1RB5	24.2	26.5	30	PASS
Band 4	1.4MHz	QPSK	H	3RB0	24.19	26.49	30	PASS
Band 4	1.4MHz	QPSK	H	3RB2	24.18	26.48	30	PASS
Band 4	1.4MHz	QPSK	H	3RB3	24.18	26.48	30	PASS
Band 4	1.4MHz	QPSK	H	6RB0	23.23	25.53	30	PASS
Band 4	1.4MHz	16QAM	L	1RB0	23.46	25.76	30	PASS

Band 4	1.4MHz	16QAM	L	1RB2	23.44	25.74	30	PASS
Band 4	1.4MHz	16QAM	L	1RB5	23.45	25.75	30	PASS
Band 4	1.4MHz	16QAM	L	3RB0	23.39	25.69	30	PASS
Band 4	1.4MHz	16QAM	L	3RB2	23.39	25.69	30	PASS
Band 4	1.4MHz	16QAM	L	3RB3	23.37	25.67	30	PASS
Band 4	1.4MHz	16QAM	L	6RB0	22.33	24.63	30	PASS
Band 4	1.4MHz	16QAM	M	1RB0	23.48	25.78	30	PASS
Band 4	1.4MHz	16QAM	M	1RB2	23.43	25.73	30	PASS
Band 4	1.4MHz	16QAM	M	1RB5	23.44	25.74	30	PASS
Band 4	1.4MHz	16QAM	M	3RB0	23.4	25.7	30	PASS
Band 4	1.4MHz	16QAM	M	3RB2	23.39	25.69	30	PASS
Band 4	1.4MHz	16QAM	M	3RB3	23.38	25.68	30	PASS
Band 4	1.4MHz	16QAM	M	6RB0	22.36	24.66	30	PASS
Band 4	1.4MHz	16QAM	H	1RB0	23.25	25.55	30	PASS
Band 4	1.4MHz	16QAM	H	1RB2	23.38	25.68	30	PASS
Band 4	1.4MHz	16QAM	H	1RB5	23.31	25.61	30	PASS
Band 4	1.4MHz	16QAM	H	3RB0	23.3	25.6	30	PASS
Band 4	1.4MHz	16QAM	H	3RB2	23.32	25.62	30	PASS
Band 4	1.4MHz	16QAM	H	3RB3	23.28	25.58	30	PASS
Band 4	1.4MHz	16QAM	H	6RB0	22.31	24.61	30	PASS
Band 4	1.4MHz	64QAM	L	1RB0	22.51	24.81	30	PASS
Band 4	1.4MHz	64QAM	L	1RB2	22.52	24.82	30	PASS
Band 4	1.4MHz	64QAM	L	1RB5	22.44	24.74	30	PASS
Band 4	1.4MHz	64QAM	L	3RB0	22.4	24.7	30	PASS
Band 4	1.4MHz	64QAM	L	3RB2	22.36	24.66	30	PASS

Band 4	1.4MHz	64QAM	L	3RB3	22.33	24.63	30	PASS
Band 4	1.4MHz	64QAM	L	6RB0	21.32	23.62	30	PASS
Band 4	1.4MHz	64QAM	M	1RB0	22.52	24.82	30	PASS
Band 4	1.4MHz	64QAM	M	1RB2	22.5	24.8	30	PASS
Band 4	1.4MHz	64QAM	M	1RB5	22.4	24.7	30	PASS
Band 4	1.4MHz	64QAM	M	3RB0	22.41	24.71	30	PASS
Band 4	1.4MHz	64QAM	M	3RB2	22.43	24.73	30	PASS
Band 4	1.4MHz	64QAM	M	3RB3	22.37	24.67	30	PASS
Band 4	1.4MHz	64QAM	M	6RB0	21.38	23.68	30	PASS
Band 4	1.4MHz	64QAM	H	1RB0	22.4	24.7	30	PASS
Band 4	1.4MHz	64QAM	H	1RB2	22.49	24.79	30	PASS
Band 4	1.4MHz	64QAM	H	1RB5	22.32	24.62	30	PASS
Band 4	1.4MHz	64QAM	H	3RB0	22.3	24.6	30	PASS
Band 4	1.4MHz	64QAM	H	3RB2	22.33	24.63	30	PASS
Band 4	1.4MHz	64QAM	H	3RB3	22.3	24.6	30	PASS
Band 4	1.4MHz	64QAM	H	6RB0	21.28	23.58	30	PASS
Band 4	3MHz	QPSK	L	1RB0	24.19	26.49	30	PASS
Band 4	3MHz	QPSK	L	1RB7	24.36	26.66	30	PASS
Band 4	3MHz	QPSK	L	1RB14	24.21	26.51	30	PASS
Band 4	3MHz	QPSK	L	8RB0	23.35	25.65	30	PASS
Band 4	3MHz	QPSK	L	8RB4	23.37	25.67	30	PASS
Band 4	3MHz	QPSK	L	8RB7	23.36	25.66	30	PASS
Band 4	3MHz	QPSK	L	15RB0	23.35	25.65	30	PASS
Band 4	3MHz	QPSK	M	1RB0	24.32	26.62	30	PASS
Band 4	3MHz	QPSK	M	1RB7	24.43	26.73	30	PASS

Band 4	3MHz	QPSK	M	1RB14	24.25	26.55	30	PASS
Band 4	3MHz	QPSK	M	8RB0	23.37	25.67	30	PASS
Band 4	3MHz	QPSK	M	8RB4	23.42	25.72	30	PASS
Band 4	3MHz	QPSK	M	8RB7	23.39	25.69	30	PASS
Band 4	3MHz	QPSK	M	15RB0	23.4	25.7	30	PASS
Band 4	3MHz	QPSK	H	1RB0	24.14	26.44	30	PASS
Band 4	3MHz	QPSK	H	1RB7	24.27	26.57	30	PASS
Band 4	3MHz	QPSK	H	1RB14	24.14	26.44	30	PASS
Band 4	3MHz	QPSK	H	8RB0	23.29	25.59	30	PASS
Band 4	3MHz	QPSK	H	8RB4	23.31	25.61	30	PASS
Band 4	3MHz	QPSK	H	8RB7	23.28	25.58	30	PASS
Band 4	3MHz	QPSK	H	15RB0	23.31	25.61	30	PASS
Band 4	3MHz	16QAM	L	1RB0	23.41	25.71	30	PASS
Band 4	3MHz	16QAM	L	1RB7	23.61	25.91	30	PASS
Band 4	3MHz	16QAM	L	1RB14	23.37	25.67	30	PASS
Band 4	3MHz	16QAM	L	8RB0	22.37	24.67	30	PASS
Band 4	3MHz	16QAM	L	8RB4	22.41	24.71	30	PASS
Band 4	3MHz	16QAM	L	8RB7	22.39	24.69	30	PASS
Band 4	3MHz	16QAM	L	15RB0	22.36	24.66	30	PASS
Band 4	3MHz	16QAM	M	1RB0	23.43	25.73	30	PASS
Band 4	3MHz	16QAM	M	1RB7	23.55	25.85	30	PASS
Band 4	3MHz	16QAM	M	1RB14	23.42	25.72	30	PASS
Band 4	3MHz	16QAM	M	8RB0	22.44	24.74	30	PASS
Band 4	3MHz	16QAM	M	8RB4	22.47	24.77	30	PASS
Band 4	3MHz	16QAM	M	8RB7	22.44	24.74	30	PASS

Band 4	3MHz	16QAM	M	15RB0	22.41	24.71	30	PASS
Band 4	3MHz	16QAM	H	1RB0	23.35	25.65	30	PASS
Band 4	3MHz	16QAM	H	1RB7	23.45	25.75	30	PASS
Band 4	3MHz	16QAM	H	1RB14	23.38	25.68	30	PASS
Band 4	3MHz	16QAM	H	8RB0	22.34	24.64	30	PASS
Band 4	3MHz	16QAM	H	8RB4	22.39	24.69	30	PASS
Band 4	3MHz	16QAM	H	8RB7	22.36	24.66	30	PASS
Band 4	3MHz	16QAM	H	15RB0	22.34	24.64	30	PASS
Band 4	3MHz	64QAM	L	1RB0	22.47	24.77	30	PASS
Band 4	3MHz	64QAM	L	1RB7	22.66	24.96	30	PASS
Band 4	3MHz	64QAM	L	1RB14	22.43	24.73	30	PASS
Band 4	3MHz	64QAM	L	8RB0	21.38	23.68	30	PASS
Band 4	3MHz	64QAM	L	8RB4	21.47	23.77	30	PASS
Band 4	3MHz	64QAM	L	8RB7	21.43	23.73	30	PASS
Band 4	3MHz	64QAM	L	15RB0	21.39	23.69	30	PASS
Band 4	3MHz	64QAM	M	1RB0	22.62	24.92	30	PASS
Band 4	3MHz	64QAM	M	1RB7	22.71	25.01	30	PASS
Band 4	3MHz	64QAM	M	1RB14	22.48	24.78	30	PASS
Band 4	3MHz	64QAM	M	8RB0	21.4	23.7	30	PASS
Band 4	3MHz	64QAM	M	8RB4	21.4	23.7	30	PASS
Band 4	3MHz	64QAM	M	8RB7	21.38	23.68	30	PASS
Band 4	3MHz	64QAM	M	15RB0	21.42	23.72	30	PASS
Band 4	3MHz	64QAM	H	1RB0	22.34	24.64	30	PASS
Band 4	3MHz	64QAM	H	1RB7	22.54	24.84	30	PASS
Band 4	3MHz	64QAM	H	1RB14	22.31	24.61	30	PASS

Band 4	3MHz	64QAM	H	8RB0	21.34	23.64	30	PASS
Band 4	3MHz	64QAM	H	8RB4	21.35	23.65	30	PASS
Band 4	3MHz	64QAM	H	8RB7	21.29	23.59	30	PASS
Band 4	3MHz	64QAM	H	15RB0	21.3	23.6	30	PASS
Band 4	5MHz	QPSK	L	1RB0	24.36	26.66	30	PASS
Band 4	5MHz	QPSK	L	1RB13	24.45	26.75	30	PASS
Band 4	5MHz	QPSK	L	1RB24	24.32	26.62	30	PASS
Band 4	5MHz	QPSK	L	12RB0	23.36	25.66	30	PASS
Band 4	5MHz	QPSK	L	12RB6	23.32	25.62	30	PASS
Band 4	5MHz	QPSK	L	12RB13	23.24	25.54	30	PASS
Band 4	5MHz	QPSK	L	25RB0	23.28	25.58	30	PASS
Band 4	5MHz	QPSK	M	1RB0	24.39	26.69	30	PASS
Band 4	5MHz	QPSK	M	1RB13	24.48	26.78	30	PASS
Band 4	5MHz	QPSK	M	1RB24	24.46	26.76	30	PASS
Band 4	5MHz	QPSK	M	12RB0	23.4	25.7	30	PASS
Band 4	5MHz	QPSK	M	12RB6	23.45	25.75	30	PASS
Band 4	5MHz	QPSK	M	12RB13	23.33	25.63	30	PASS
Band 4	5MHz	QPSK	M	25RB0	23.34	25.64	30	PASS
Band 4	5MHz	QPSK	H	1RB0	24.3	26.6	30	PASS
Band 4	5MHz	QPSK	H	1RB13	24.42	26.72	30	PASS
Band 4	5MHz	QPSK	H	1RB24	24.36	26.66	30	PASS
Band 4	5MHz	QPSK	H	12RB0	23.3	25.6	30	PASS
Band 4	5MHz	QPSK	H	12RB6	23.34	25.64	30	PASS
Band 4	5MHz	QPSK	H	12RB13	23.3	25.6	30	PASS
Band 4	5MHz	QPSK	H	25RB0	23.29	25.59	30	PASS

Band 4	5MHz	16QAM	L	1RB0	23.42	25.72	30	PASS
Band 4	5MHz	16QAM	L	1RB13	23.44	25.74	30	PASS
Band 4	5MHz	16QAM	L	1RB24	23.37	25.67	30	PASS
Band 4	5MHz	16QAM	L	12RB0	22.36	24.66	30	PASS
Band 4	5MHz	16QAM	L	12RB6	22.34	24.64	30	PASS
Band 4	5MHz	16QAM	L	12RB13	22.27	24.57	30	PASS
Band 4	5MHz	16QAM	L	25RB0	22.29	24.59	30	PASS
Band 4	5MHz	16QAM	M	1RB0	23.51	25.81	30	PASS
Band 4	5MHz	16QAM	M	1RB13	23.65	25.95	30	PASS
Band 4	5MHz	16QAM	M	1RB24	23.43	25.73	30	PASS
Band 4	5MHz	16QAM	M	12RB0	22.4	24.7	30	PASS
Band 4	5MHz	16QAM	M	12RB6	22.48	24.78	30	PASS
Band 4	5MHz	16QAM	M	12RB13	22.32	24.62	30	PASS
Band 4	5MHz	16QAM	M	25RB0	22.33	24.63	30	PASS
Band 4	5MHz	16QAM	H	1RB0	23.43	25.73	30	PASS
Band 4	5MHz	16QAM	H	1RB13	23.56	25.86	30	PASS
Band 4	5MHz	16QAM	H	1RB24	23.48	25.78	30	PASS
Band 4	5MHz	16QAM	H	12RB0	22.31	24.61	30	PASS
Band 4	5MHz	16QAM	H	12RB6	22.37	24.67	30	PASS
Band 4	5MHz	16QAM	H	12RB13	22.31	24.61	30	PASS
Band 4	5MHz	16QAM	H	25RB0	22.31	24.61	30	PASS
Band 4	5MHz	64QAM	L	1RB0	22.55	24.85	30	PASS
Band 4	5MHz	64QAM	L	1RB13	22.69	24.99	30	PASS
Band 4	5MHz	64QAM	L	1RB24	22.59	24.89	30	PASS
Band 4	5MHz	64QAM	L	12RB0	21.38	23.68	30	PASS

Band 4	5MHz	64QAM	L	12RB6	21.33	23.63	30	PASS
Band 4	5MHz	64QAM	L	12RB13	21.31	23.61	30	PASS
Band 4	5MHz	64QAM	L	25RB0	21.24	23.54	30	PASS
Band 4	5MHz	64QAM	M	1RB0	22.59	24.89	30	PASS
Band 4	5MHz	64QAM	M	1RB13	22.72	25.02	30	PASS
Band 4	5MHz	64QAM	M	1RB24	22.45	24.75	30	PASS
Band 4	5MHz	64QAM	M	12RB0	21.46	23.76	30	PASS
Band 4	5MHz	64QAM	M	12RB6	21.49	23.79	30	PASS
Band 4	5MHz	64QAM	M	12RB13	21.36	23.66	30	PASS
Band 4	5MHz	64QAM	M	25RB0	21.39	23.69	30	PASS
Band 4	5MHz	64QAM	H	1RB0	22.43	24.73	30	PASS
Band 4	5MHz	64QAM	H	1RB13	22.48	24.78	30	PASS
Band 4	5MHz	64QAM	H	1RB24	22.32	24.62	30	PASS
Band 4	5MHz	64QAM	H	12RB0	21.33	23.63	30	PASS
Band 4	5MHz	64QAM	H	12RB6	21.38	23.68	30	PASS
Band 4	5MHz	64QAM	H	12RB13	21.31	23.61	30	PASS
Band 4	5MHz	64QAM	H	25RB0	21.36	23.66	30	PASS
Band 4	10MHz	QPSK	L	1RB0	24.22	26.52	30	PASS
Band 4	10MHz	QPSK	L	1RB25	24.26	26.56	30	PASS
Band 4	10MHz	QPSK	L	1RB49	24.16	26.46	30	PASS
Band 4	10MHz	QPSK	L	25RB0	23.35	25.65	30	PASS
Band 4	10MHz	QPSK	L	25RB13	23.4	25.7	30	PASS
Band 4	10MHz	QPSK	L	25RB25	23.31	25.61	30	PASS
Band 4	10MHz	QPSK	L	50RB0	23.37	25.67	30	PASS
Band 4	10MHz	QPSK	M	1RB0	24.3	26.6	30	PASS

Band 4	10MHz	QPSK	M	1RB25	24.37	26.67	30	PASS
Band 4	10MHz	QPSK	M	1RB49	24.24	26.54	30	PASS
Band 4	10MHz	QPSK	M	25RB0	23.41	25.71	30	PASS
Band 4	10MHz	QPSK	M	25RB13	23.36	25.66	30	PASS
Band 4	10MHz	QPSK	M	25RB25	23.33	25.63	30	PASS
Band 4	10MHz	QPSK	M	50RB0	23.34	25.64	30	PASS
Band 4	10MHz	QPSK	H	1RB0	24.27	26.57	30	PASS
Band 4	10MHz	QPSK	H	1RB25	24.31	26.61	30	PASS
Band 4	10MHz	QPSK	H	1RB49	24.15	26.45	30	PASS
Band 4	10MHz	QPSK	H	25RB0	23.32	25.62	30	PASS
Band 4	10MHz	QPSK	H	25RB13	23.33	25.63	30	PASS
Band 4	10MHz	QPSK	H	25RB25	23.29	25.59	30	PASS
Band 4	10MHz	QPSK	H	50RB0	23.32	25.62	30	PASS
Band 4	10MHz	16QAM	L	1RB0	23.4	25.7	30	PASS
Band 4	10MHz	16QAM	L	1RB25	23.52	25.82	30	PASS
Band 4	10MHz	16QAM	L	1RB49	23.34	25.64	30	PASS
Band 4	10MHz	16QAM	L	25RB0	22.37	24.67	30	PASS
Band 4	10MHz	16QAM	L	25RB13	22.41	24.71	30	PASS
Band 4	10MHz	16QAM	L	25RB25	22.33	24.63	30	PASS
Band 4	10MHz	16QAM	L	50RB0	22.37	24.67	30	PASS
Band 4	10MHz	16QAM	M	1RB0	23.55	25.85	30	PASS
Band 4	10MHz	16QAM	M	1RB25	23.55	25.85	30	PASS
Band 4	10MHz	16QAM	M	1RB49	23.48	25.78	30	PASS
Band 4	10MHz	16QAM	M	25RB0	22.41	24.71	30	PASS
Band 4	10MHz	16QAM	M	25RB13	22.36	24.66	30	PASS

Band 4	10MHz	16QAM	M	25RB25	22.37	24.67	30	PASS
Band 4	10MHz	16QAM	M	50RB0	22.32	24.62	30	PASS
Band 4	10MHz	16QAM	H	1RB0	23.43	25.73	30	PASS
Band 4	10MHz	16QAM	H	1RB25	23.39	25.69	30	PASS
Band 4	10MHz	16QAM	H	1RB49	23.37	25.67	30	PASS
Band 4	10MHz	16QAM	H	25RB0	22.3	24.6	30	PASS
Band 4	10MHz	16QAM	H	25RB13	22.36	24.66	30	PASS
Band 4	10MHz	16QAM	H	25RB25	22.34	24.64	30	PASS
Band 4	10MHz	16QAM	H	50RB0	22.35	24.65	30	PASS
Band 4	10MHz	64QAM	L	1RB0	22.42	24.72	30	PASS
Band 4	10MHz	64QAM	L	1RB25	22.48	24.78	30	PASS
Band 4	10MHz	64QAM	L	1RB49	22.45	24.75	30	PASS
Band 4	10MHz	64QAM	L	25RB0	21.49	23.79	30	PASS
Band 4	10MHz	64QAM	L	25RB13	21.34	23.64	30	PASS
Band 4	10MHz	64QAM	L	25RB25	21.24	23.54	30	PASS
Band 4	10MHz	64QAM	L	50RB0	21.41	23.71	30	PASS
Band 4	10MHz	64QAM	M	1RB0	22.62	24.92	30	PASS
Band 4	10MHz	64QAM	M	1RB25	22.68	24.98	30	PASS
Band 4	10MHz	64QAM	M	1RB49	22.6	24.9	30	PASS
Band 4	10MHz	64QAM	M	25RB0	21.46	23.76	30	PASS
Band 4	10MHz	64QAM	M	25RB13	21.38	23.68	30	PASS
Band 4	10MHz	64QAM	M	25RB25	21.29	23.59	30	PASS
Band 4	10MHz	64QAM	M	50RB0	21.37	23.67	30	PASS
Band 4	10MHz	64QAM	H	1RB0	22.49	24.79	30	PASS
Band 4	10MHz	64QAM	H	1RB25	22.48	24.78	30	PASS

Band 4	10MHz	64QAM	H	1RB49	22.39	24.69	30	PASS
Band 4	10MHz	64QAM	H	25RB0	21.27	23.57	30	PASS
Band 4	10MHz	64QAM	H	25RB13	21.38	23.68	30	PASS
Band 4	10MHz	64QAM	H	25RB25	21.26	23.56	30	PASS
Band 4	10MHz	64QAM	H	50RB0	21.33	23.63	30	PASS
Band 4	15MHz	QPSK	L	1RB0	24.27	26.57	30	PASS
Band 4	15MHz	QPSK	L	1RB38	24.29	26.59	30	PASS
Band 4	15MHz	QPSK	L	1RB74	24.24	26.54	30	PASS
Band 4	15MHz	QPSK	L	36RB0	23.34	25.64	30	PASS
Band 4	15MHz	QPSK	L	36RB18	23.34	25.64	30	PASS
Band 4	15MHz	QPSK	L	36RB39	23.27	25.57	30	PASS
Band 4	15MHz	QPSK	L	75RB0	23.32	25.62	30	PASS
Band 4	15MHz	QPSK	M	1RB0	24.34	26.64	30	PASS
Band 4	15MHz	QPSK	M	1RB38	24.35	26.65	30	PASS
Band 4	15MHz	QPSK	M	1RB74	24.25	26.55	30	PASS
Band 4	15MHz	QPSK	M	36RB0	23.38	25.68	30	PASS
Band 4	15MHz	QPSK	M	36RB18	23.4	25.7	30	PASS
Band 4	15MHz	QPSK	M	36RB39	23.27	25.57	30	PASS
Band 4	15MHz	QPSK	M	75RB0	23.31	25.61	30	PASS
Band 4	15MHz	QPSK	H	1RB0	24.28	26.58	30	PASS
Band 4	15MHz	QPSK	H	1RB38	24.27	26.57	30	PASS
Band 4	15MHz	QPSK	H	1RB74	24.13	26.43	30	PASS
Band 4	15MHz	QPSK	H	36RB0	23.34	25.64	30	PASS
Band 4	15MHz	QPSK	H	36RB18	23.34	25.64	30	PASS
Band 4	15MHz	QPSK	H	36RB39	23.26	25.56	30	PASS

Band 4	15MHz	QPSK	H	75RB0	23.32	25.62	30	PASS
Band 4	15MHz	16QAM	L	1RB0	23.53	25.83	30	PASS
Band 4	15MHz	16QAM	L	1RB38	23.47	25.77	30	PASS
Band 4	15MHz	16QAM	L	1RB74	23.39	25.69	30	PASS
Band 4	15MHz	16QAM	L	36RB0	22.35	24.65	30	PASS
Band 4	15MHz	16QAM	L	36RB18	22.39	24.69	30	PASS
Band 4	15MHz	16QAM	L	36RB39	22.31	24.61	30	PASS
Band 4	15MHz	16QAM	L	75RB0	22.36	24.66	30	PASS
Band 4	15MHz	16QAM	M	1RB0	23.49	25.79	30	PASS
Band 4	15MHz	16QAM	M	1RB38	23.46	25.76	30	PASS
Band 4	15MHz	16QAM	M	1RB74	23.37	25.67	30	PASS
Band 4	15MHz	16QAM	M	36RB0	22.41	24.71	30	PASS
Band 4	15MHz	16QAM	M	36RB18	22.42	24.72	30	PASS
Band 4	15MHz	16QAM	M	36RB39	22.33	24.63	30	PASS
Band 4	15MHz	16QAM	M	75RB0	22.32	24.62	30	PASS
Band 4	15MHz	16QAM	H	1RB0	23.51	25.81	30	PASS
Band 4	15MHz	16QAM	H	1RB38	23.48	25.78	30	PASS
Band 4	15MHz	16QAM	H	1RB74	23.38	25.68	30	PASS
Band 4	15MHz	16QAM	H	36RB0	22.34	24.64	30	PASS
Band 4	15MHz	16QAM	H	36RB18	22.37	24.67	30	PASS
Band 4	15MHz	16QAM	H	36RB39	22.25	24.55	30	PASS
Band 4	15MHz	16QAM	H	75RB0	22.34	24.64	30	PASS
Band 4	15MHz	64QAM	L	1RB0	22.47	24.77	30	PASS
Band 4	15MHz	64QAM	L	1RB38	22.58	24.88	30	PASS
Band 4	15MHz	64QAM	L	1RB74	22.54	24.84	30	PASS

Band 4	15MHz	64QAM	L	36RB0	21.38	23.68	30	PASS
Band 4	15MHz	64QAM	L	36RB18	21.41	23.71	30	PASS
Band 4	15MHz	64QAM	L	36RB39	21.3	23.6	30	PASS
Band 4	15MHz	64QAM	L	75RB0	21.41	23.71	30	PASS
Band 4	15MHz	64QAM	M	1RB0	22.6	24.9	30	PASS
Band 4	15MHz	64QAM	M	1RB38	22.62	24.92	30	PASS
Band 4	15MHz	64QAM	M	1RB74	22.54	24.84	30	PASS
Band 4	15MHz	64QAM	M	36RB0	21.44	23.74	30	PASS
Band 4	15MHz	64QAM	M	36RB18	21.42	23.72	30	PASS
Band 4	15MHz	64QAM	M	36RB39	21.36	23.66	30	PASS
Band 4	15MHz	64QAM	M	75RB0	21.3	23.6	30	PASS
Band 4	15MHz	64QAM	H	1RB0	22.39	24.69	30	PASS
Band 4	15MHz	64QAM	H	1RB38	22.49	24.79	30	PASS
Band 4	15MHz	64QAM	H	1RB74	22.37	24.67	30	PASS
Band 4	15MHz	64QAM	H	36RB0	21.33	23.63	30	PASS
Band 4	15MHz	64QAM	H	36RB18	21.38	23.68	30	PASS
Band 4	15MHz	64QAM	H	36RB39	21.22	23.52	30	PASS
Band 4	15MHz	64QAM	H	75RB0	21.36	23.66	30	PASS
Band 4	20MHz	QPSK	L	1RB0	24.29	26.59	30	PASS
Band 4	20MHz	QPSK	L	1RB50	24.31	26.61	30	PASS
Band 4	20MHz	QPSK	L	1RB99	24.22	26.52	30	PASS
Band 4	20MHz	QPSK	L	50RB0	23.38	25.68	30	PASS
Band 4	20MHz	QPSK	L	50RB25	23.3	25.6	30	PASS
Band 4	20MHz	QPSK	L	50RB50	23.3	25.6	30	PASS
Band 4	20MHz	QPSK	L	100RB0	23.32	25.62	30	PASS

Band 4	20MHz	QPSK	M	1RB0	24.32	26.62	30	PASS
Band 4	20MHz	QPSK	M	1RB50	24.37	26.67	30	PASS
Band 4	20MHz	QPSK	M	1RB99	24.3	26.6	30	PASS
Band 4	20MHz	QPSK	M	50RB0	23.42	25.72	30	PASS
Band 4	20MHz	QPSK	M	50RB25	23.35	25.65	30	PASS
Band 4	20MHz	QPSK	M	50RB50	23.31	25.61	30	PASS
Band 4	20MHz	QPSK	M	100RB0	23.36	25.66	30	PASS
Band 4	20MHz	QPSK	H	1RB0	24.35	26.65	30	PASS
Band 4	20MHz	QPSK	H	1RB50	24.35	26.65	30	PASS
Band 4	20MHz	QPSK	H	1RB99	24.23	26.53	30	PASS
Band 4	20MHz	QPSK	H	50RB0	23.35	25.65	30	PASS
Band 4	20MHz	QPSK	H	50RB25	23.27	25.57	30	PASS
Band 4	20MHz	QPSK	H	50RB50	23.25	25.55	30	PASS
Band 4	20MHz	QPSK	H	100RB0	23.26	25.56	30	PASS
Band 4	20MHz	16QAM	L	1RB0	23.32	25.62	30	PASS
Band 4	20MHz	16QAM	L	1RB50	23.42	25.72	30	PASS
Band 4	20MHz	16QAM	L	1RB99	23.4	25.7	30	PASS
Band 4	20MHz	16QAM	L	50RB0	22.37	24.67	30	PASS
Band 4	20MHz	16QAM	L	50RB25	22.32	24.62	30	PASS
Band 4	20MHz	16QAM	L	50RB50	22.28	24.58	30	PASS
Band 4	20MHz	16QAM	L	100RB0	22.31	24.61	30	PASS
Band 4	20MHz	16QAM	M	1RB0	23.56	25.86	30	PASS
Band 4	20MHz	16QAM	M	1RB50	23.71	26.01	30	PASS
Band 4	20MHz	16QAM	M	1RB99	23.48	25.78	30	PASS
Band 4	20MHz	16QAM	M	50RB0	22.44	24.74	30	PASS

Band 4	20MHz	16QAM	M	50RB25	22.34	24.64	30	PASS
Band 4	20MHz	16QAM	M	50RB50	22.32	24.62	30	PASS
Band 4	20MHz	16QAM	M	100RB0	22.33	24.63	30	PASS
Band 4	20MHz	16QAM	H	1RB0	23.48	25.78	30	PASS
Band 4	20MHz	16QAM	H	1RB50	23.52	25.82	30	PASS
Band 4	20MHz	16QAM	H	1RB99	23.42	25.72	30	PASS
Band 4	20MHz	16QAM	H	50RB0	22.39	24.69	30	PASS
Band 4	20MHz	16QAM	H	50RB25	22.27	24.57	30	PASS
Band 4	20MHz	16QAM	H	50RB50	22.23	24.53	30	PASS
Band 4	20MHz	16QAM	H	100RB0	22.28	24.58	30	PASS
Band 4	20MHz	64QAM	L	1RB0	22.43	24.73	30	PASS
Band 4	20MHz	64QAM	L	1RB50	22.51	24.81	30	PASS
Band 4	20MHz	64QAM	L	1RB99	22.38	24.68	30	PASS
Band 4	20MHz	64QAM	L	50RB0	21.31	23.61	30	PASS
Band 4	20MHz	64QAM	L	50RB25	21.33	23.63	30	PASS
Band 4	20MHz	64QAM	L	50RB50	21.32	23.62	30	PASS
Band 4	20MHz	64QAM	L	100RB0	21.33	23.63	30	PASS
Band 4	20MHz	64QAM	M	1RB0	22.54	24.84	30	PASS
Band 4	20MHz	64QAM	M	1RB50	22.6	24.9	30	PASS
Band 4	20MHz	64QAM	M	1RB99	22.55	24.85	30	PASS
Band 4	20MHz	64QAM	M	50RB0	21.45	23.75	30	PASS
Band 4	20MHz	64QAM	M	50RB25	21.36	23.66	30	PASS
Band 4	20MHz	64QAM	M	50RB50	21.34	23.64	30	PASS
Band 4	20MHz	64QAM	M	100RB0	21.35	23.65	30	PASS
Band 4	20MHz	64QAM	H	1RB0	22.55	24.85	30	PASS

Band 4	20MHz	64QAM	H	1RB50	22.53	24.83	30	PASS
Band 4	20MHz	64QAM	H	1RB99	22.4	24.7	30	PASS
Band 4	20MHz	64QAM	H	50RB0	21.38	23.68	30	PASS
Band 4	20MHz	64QAM	H	50RB25	21.32	23.62	30	PASS
Band 4	20MHz	64QAM	H	50RB50	21.25	23.55	30	PASS
Band 4	20MHz	64QAM	H	100RB0	21.33	23.63	30	PASS

2. Frequency Stability

2.1 Test Result

2.1.6 B4_20MHz

Band: 4 / 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	-0.431	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.468	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.187	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.055	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.796	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.347	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.128	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.406	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.465	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.033	-0.0006	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	0.941	0.0005	-2.5 to 2.5	Pass
					3.85	0.314	0.0002	-2.5 to 2.5	Pass
					4.43	0.235	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.388	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.203	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.916	0.0011	-2.5 to 2.5	Pass
				10	3.85	0.665	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.379	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.346	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.965	0.0017	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.647	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.261	-0.0001	-2.5 to 2.5	Pass
					4.43	0.087	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.221	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.863	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.514	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.545	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.149	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.946	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.376	-0.0008	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-1.925	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.904	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.665	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.223	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.021	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.546	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.847	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.721	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.684	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.180	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.978	-0.0006	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	1.235	0.0007	-2.5 to 2.5	Pass
					3.85	2.348	0.0014	-2.5 to 2.5	Pass
					4.43	1.454	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.571	0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.100	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.777	0.0016	-2.5 to 2.5	Pass

				0	3.85	0.704	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.515	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.659	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.114	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.417	0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.003	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.639	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.108	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.545	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.366	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.733	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.231	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.366	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.888	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.617	0.0004	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.27	-2.684	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.779	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.897	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.733	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.352	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.888	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.308	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.619	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.959	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.656	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.789	-0.0005	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	1.438	0.0008	-2.5 to 2.5	Pass
					3.85	0.138	0.0001	-2.5 to 2.5	Pass
					4.43	1.739	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.872	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.304	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.896	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.012	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.466	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.820	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.502	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.387	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.767	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.275	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.914	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.956	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.527	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.063	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.461	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.641	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.696	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.916	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.117	/	Pass
		1754.3	6	0	1.133	/	Pass
	16QAM	1710.7	6	0	1.121	/	Pass
		1732.5	6	0	1.124	/	Pass
		1754.3	6	0	1.118	/	Pass
	64QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.124	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.753	/	Pass
		1732.5	15	0	2.753	/	Pass
		1753.5	15	0	2.768	/	Pass
	16QAM	1711.5	15	0	2.761	/	Pass
		1732.5	15	0	2.745	/	Pass
		1753.5	15	0	2.758	/	Pass
	64QAM	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.751	/	Pass
		1753.5	15	0	2.748	/	Pass
5	QPSK	1712.5	25	0	4.549	/	Pass
		1732.5	25	0	4.572	/	Pass
		1752.5	25	0	4.566	/	Pass
	16QAM	1712.5	25	0	4.557	/	Pass
		1732.5	25	0	4.566	/	Pass
		1752.5	25	0	4.576	/	Pass
	64QAM	1712.5	25	0	4.571	/	Pass
		1732.5	25	0	4.575	/	Pass
		1752.5	25	0	4.581	/	Pass
10	QPSK	1715	50	0	9.048	/	Pass
		1732.5	50	0	9.071	/	Pass
		1750	50	0	9.085	/	Pass
	16QAM	1715	50	0	9.047	/	Pass
		1732.5	50	0	9.064	/	Pass
		1750	50	0	9.092	/	Pass
	64QAM	1715	50	0	9.048	/	Pass
		1732.5	50	0	9.079	/	Pass
		1750	50	0	9.066	/	Pass
15	QPSK	1717.5	75	0	13.614	/	Pass
		1732.5	75	0	13.630	/	Pass
		1747.5	75	0	13.610	/	Pass
	16QAM	1717.5	75	0	13.627	/	Pass
		1732.5	75	0	13.559	/	Pass
		1747.5	75	0	13.564	/	Pass
	64QAM	1717.5	75	0	13.584	/	Pass
		1732.5	75	0	13.578	/	Pass
		1747.5	75	0	13.599	/	Pass
20	QPSK	1720	100	0	18.128	/	Pass
		1732.5	100	0	18.187	/	Pass
		1745	100	0	18.127	/	Pass
	16QAM	1720	100	0	18.136	/	Pass
		1732.5	100	0	18.153	/	Pass

	64QAM	1745	100	0	18.132	/	Pass
		1720	100	0	18.094	/	Pass
		1732.5	100	0	18.157	/	Pass
		1745	100	0	18.108	/	Pass

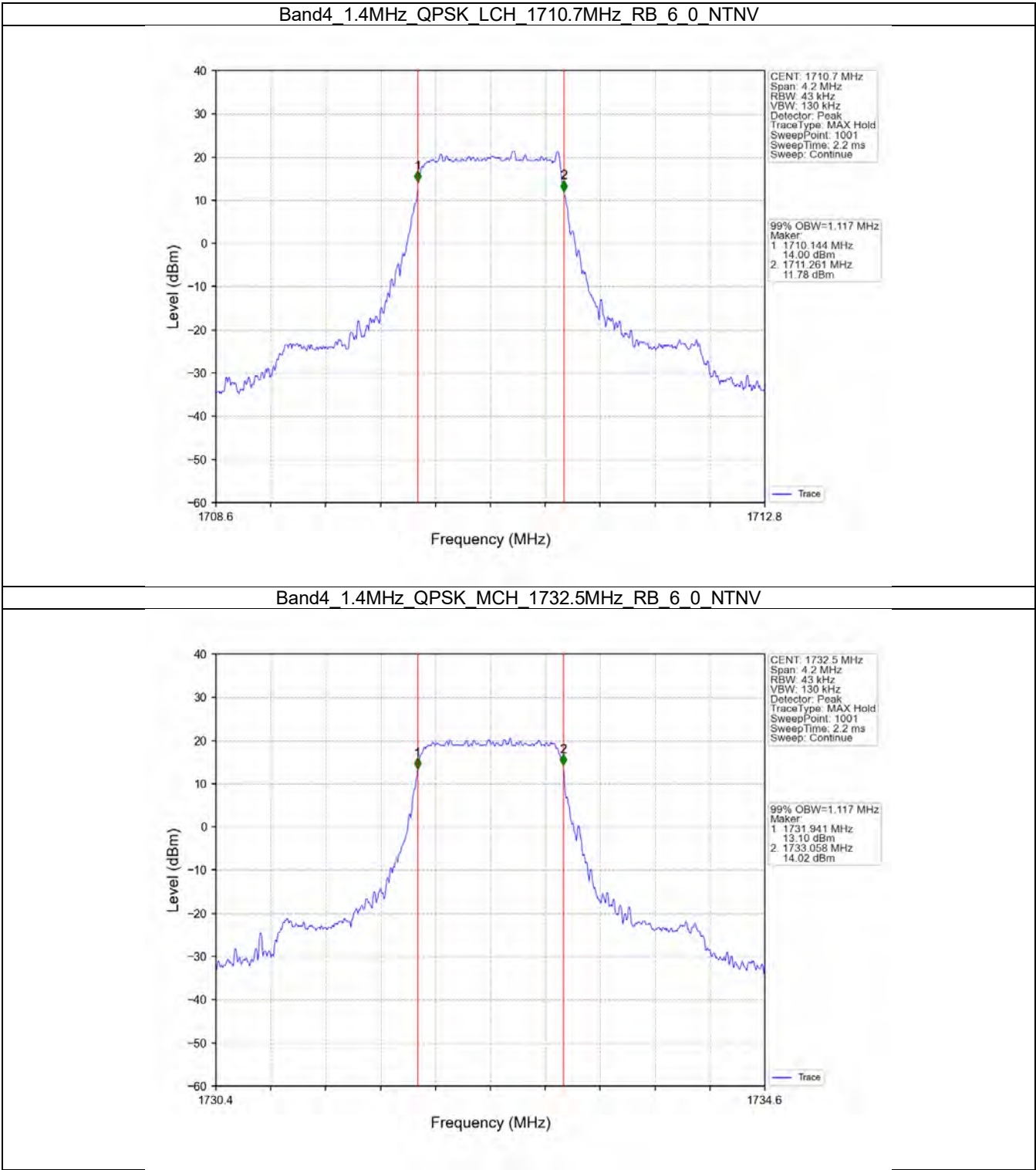
3.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.399	/	Pass
		1732.5	6	0	1.387	/	Pass
		1754.3	6	0	1.389	/	Pass
	16QAM	1710.7	6	0	1.405	/	Pass
		1732.5	6	0	1.403	/	Pass
		1754.3	6	0	1.417	/	Pass
	64QAM	1710.7	6	0	1.406	/	Pass
		1732.5	6	0	1.376	/	Pass
		1754.3	6	0	1.411	/	Pass
3	QPSK	1711.5	15	0	3.143	/	Pass
		1732.5	15	0	3.161	/	Pass
		1753.5	15	0	3.142	/	Pass
	16QAM	1711.5	15	0	3.141	/	Pass
		1732.5	15	0	3.113	/	Pass
		1753.5	15	0	3.148	/	Pass
	64QAM	1711.5	15	0	3.141	/	Pass
		1732.5	15	0	3.115	/	Pass
		1753.5	15	0	3.126	/	Pass
5	QPSK	1712.5	25	0	5.223	/	Pass
		1732.5	25	0	5.219	/	Pass
		1752.5	25	0	5.235	/	Pass
	16QAM	1712.5	25	0	5.242	/	Pass
		1732.5	25	0	5.227	/	Pass
		1752.5	25	0	5.275	/	Pass
	64QAM	1712.5	25	0	5.219	/	Pass
		1732.5	25	0	5.207	/	Pass
		1752.5	25	0	5.276	/	Pass
10	QPSK	1715	50	0	10.191	/	Pass
		1732.5	50	0	10.145	/	Pass
		1750	50	0	10.171	/	Pass
	16QAM	1715	50	0	10.269	/	Pass
		1732.5	50	0	10.180	/	Pass
		1750	50	0	10.091	/	Pass
	64QAM	1715	50	0	10.150	/	Pass
		1732.5	50	0	10.204	/	Pass
		1750	50	0	10.146	/	Pass
15	QPSK	1717.5	75	0	15.151	/	Pass
		1732.5	75	0	15.234	/	Pass
		1747.5	75	0	15.175	/	Pass
	16QAM	1717.5	75	0	15.230	/	Pass
		1732.5	75	0	15.194	/	Pass
		1747.5	75	0	15.181	/	Pass
	64QAM	1717.5	75	0	15.265	/	Pass
		1732.5	75	0	15.235	/	Pass
		1747.5	75	0	15.104	/	Pass
20	QPSK	1720	100	0	20.260	/	Pass
		1732.5	100	0	19.995	/	Pass

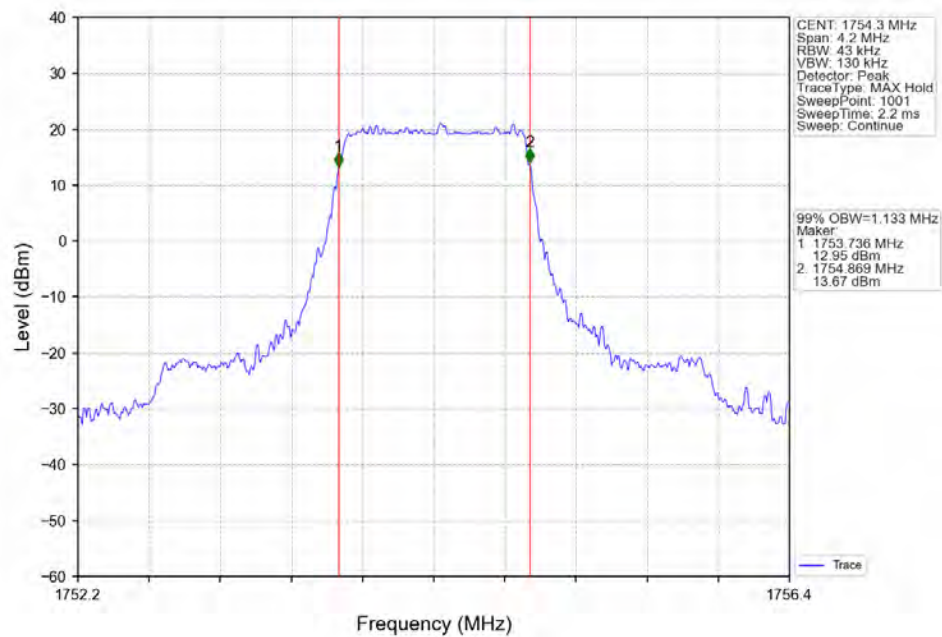
	16QAM	1745	100	0	20.205	/	Pass
		1720	100	0	20.085	/	Pass
		1732.5	100	0	20.070	/	Pass
		1745	100	0	20.137	/	Pass
	64QAM	1720	100	0	20.064	/	Pass
		1732.5	100	0	20.198	/	Pass
		1745	100	0	20.136	/	Pass

3.2 Test Graph

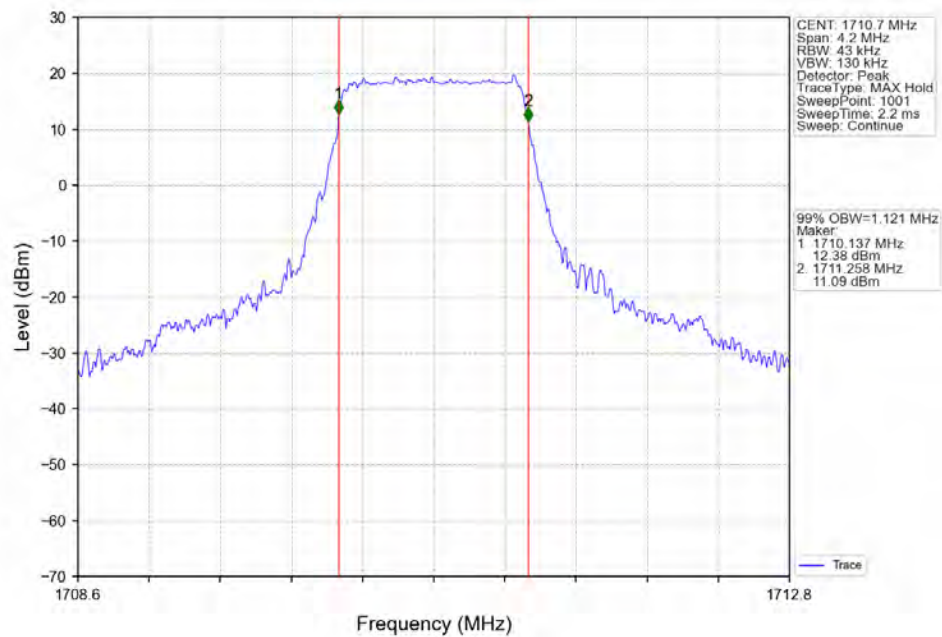
3.2.1 Band4_OBW

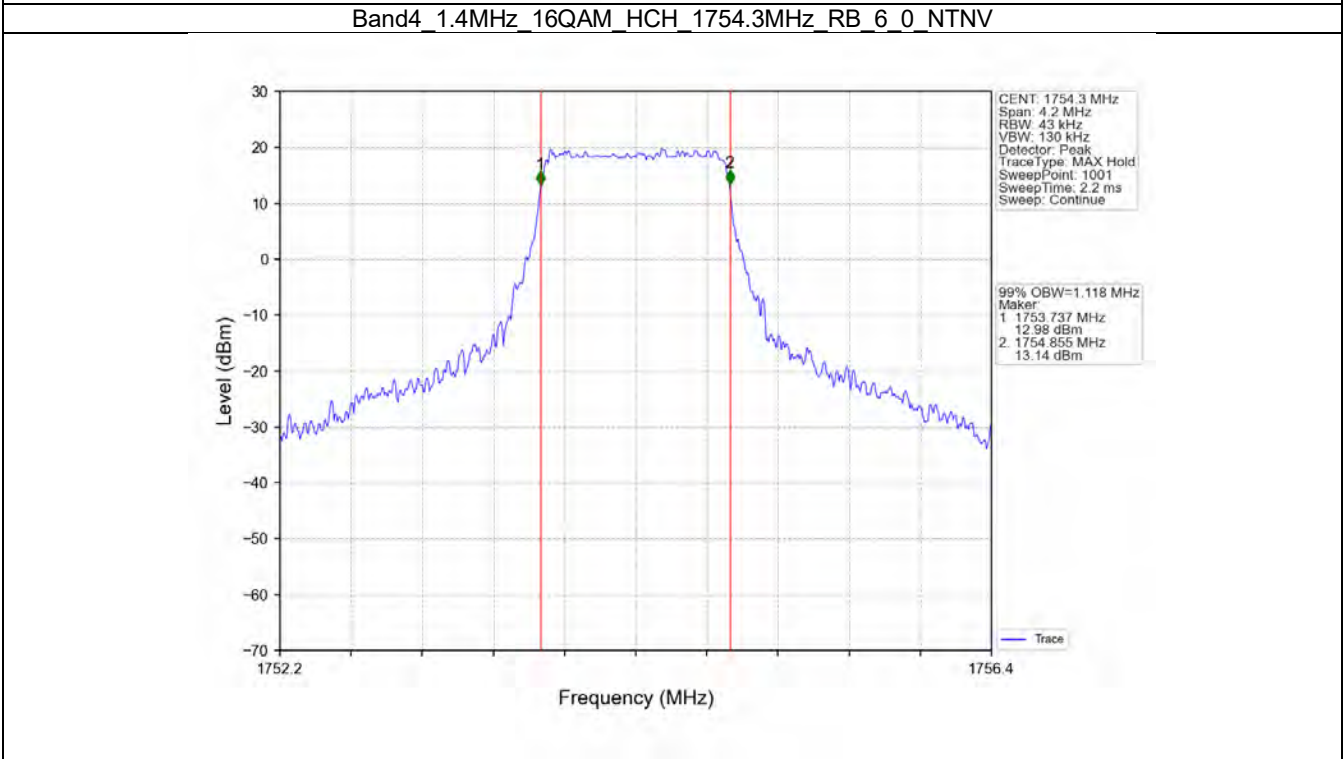
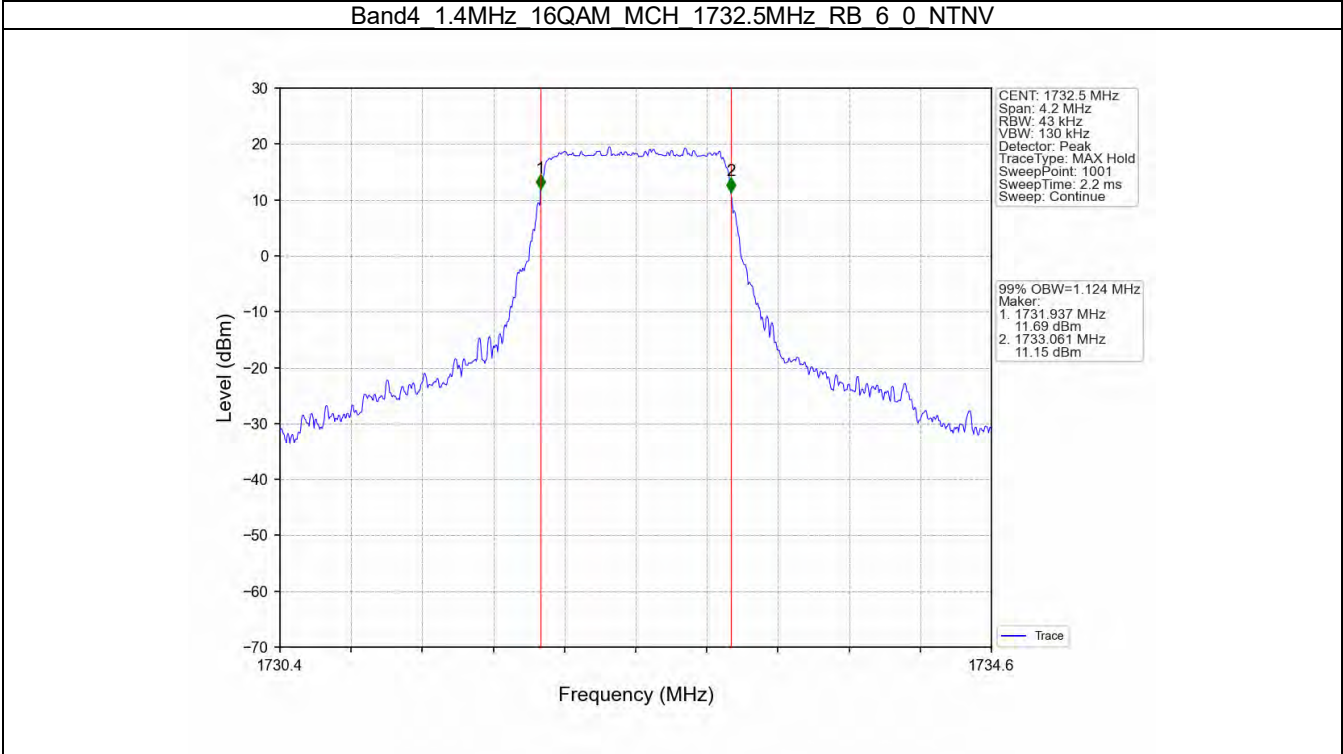


Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

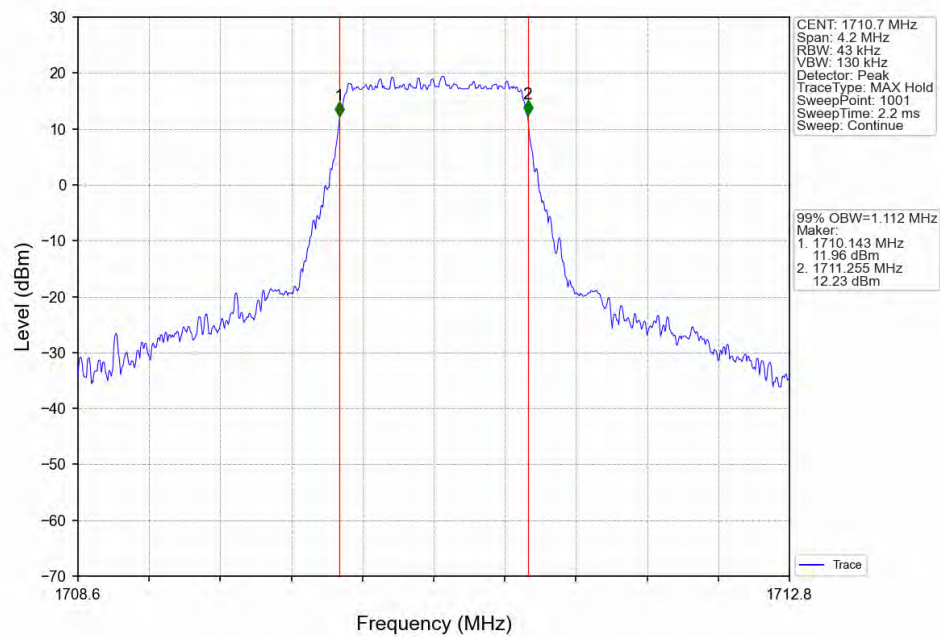


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

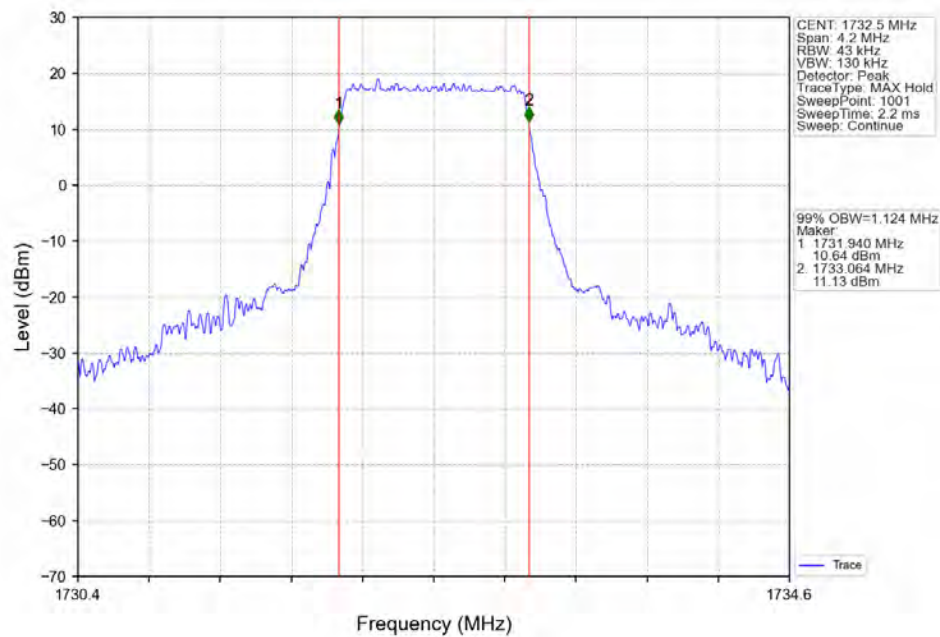




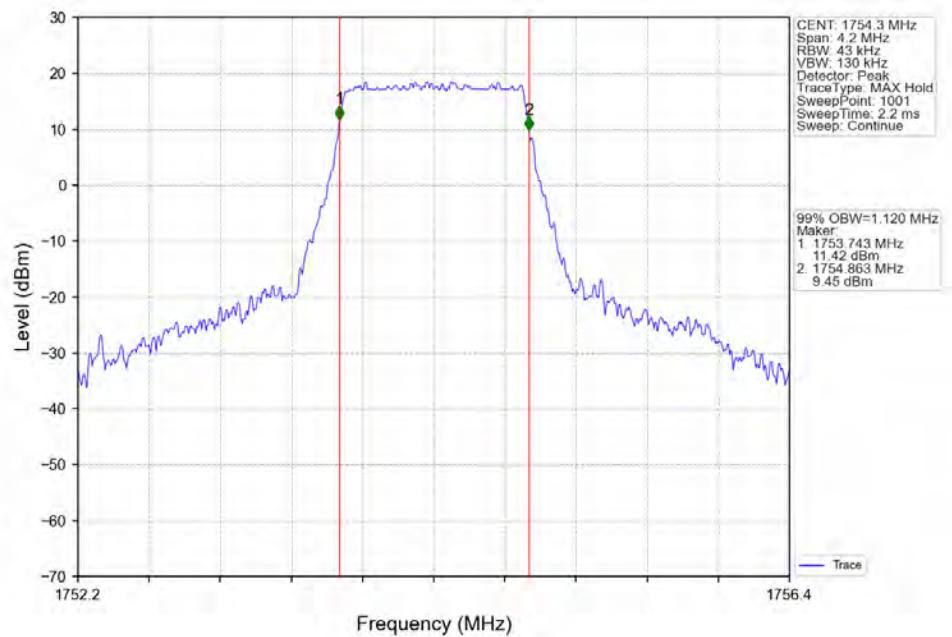
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



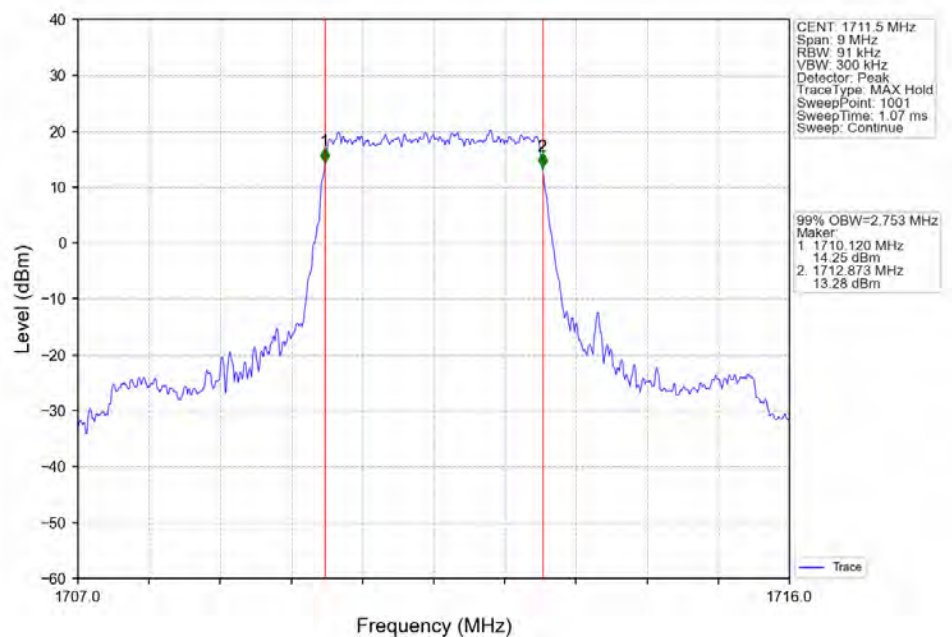
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



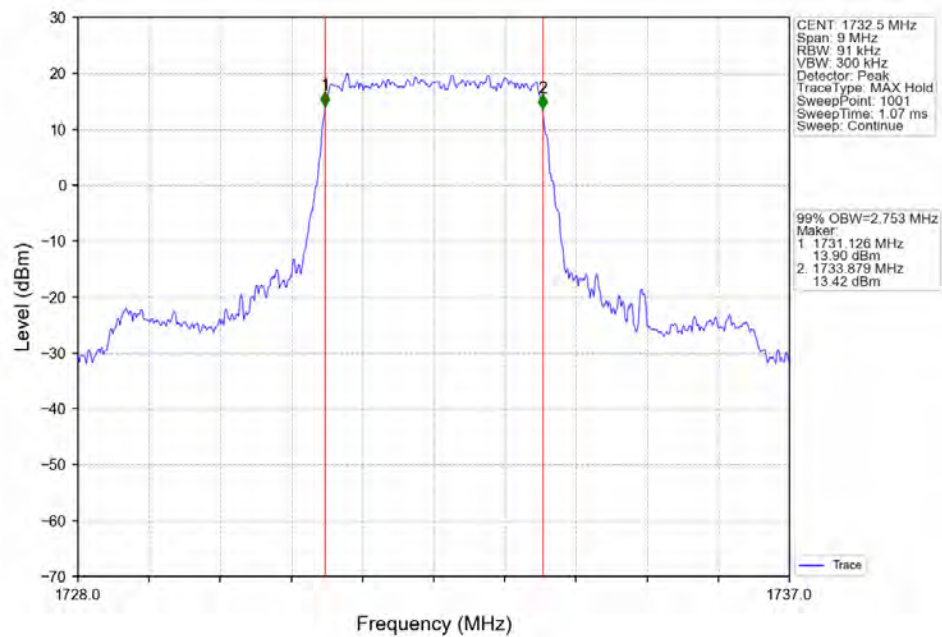
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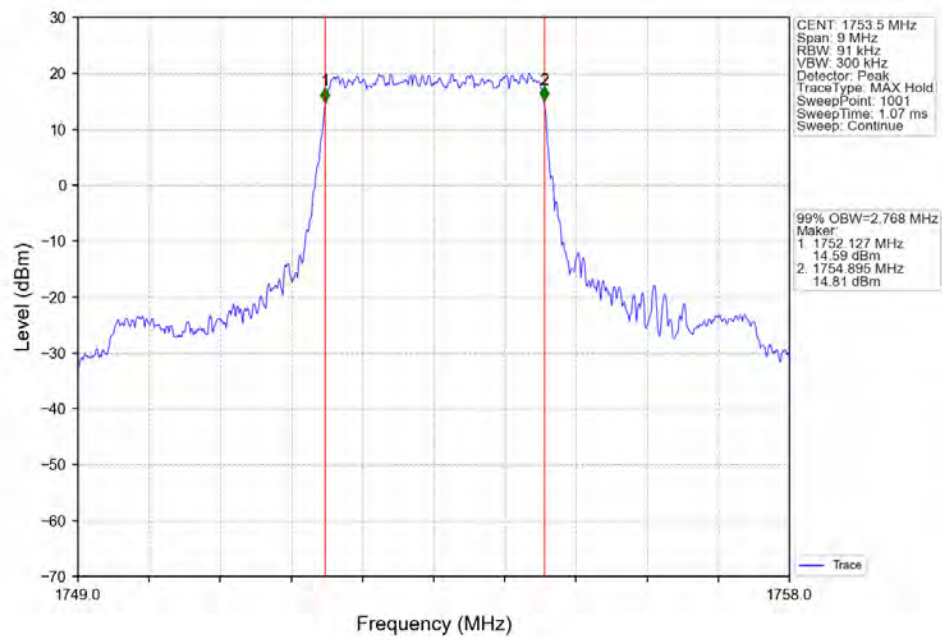
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN



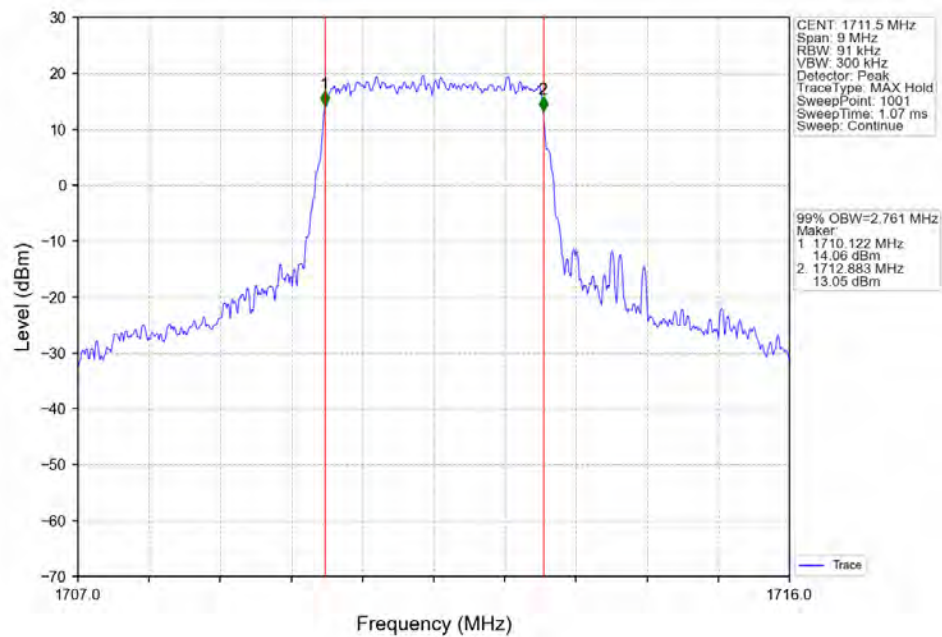
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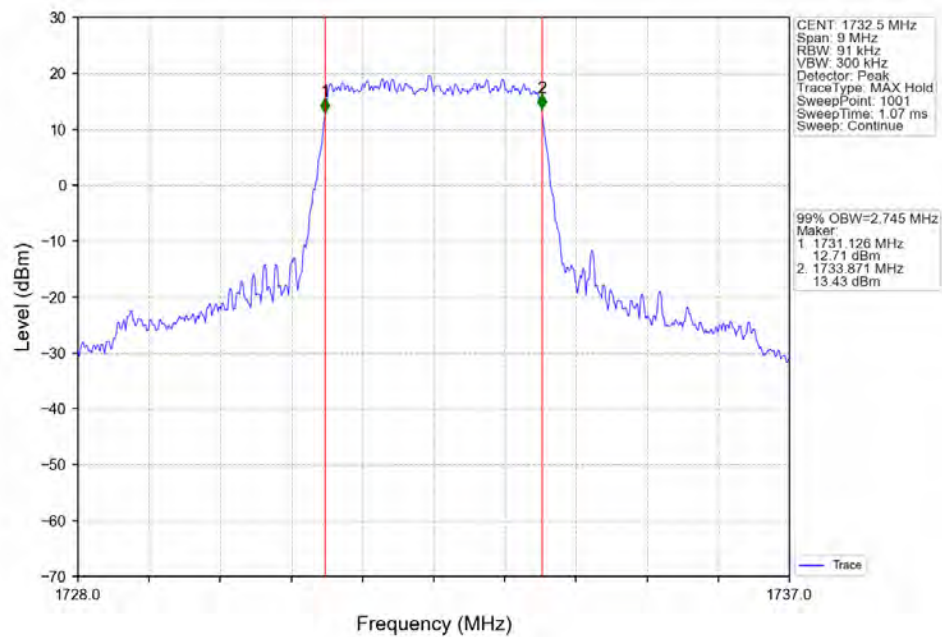
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



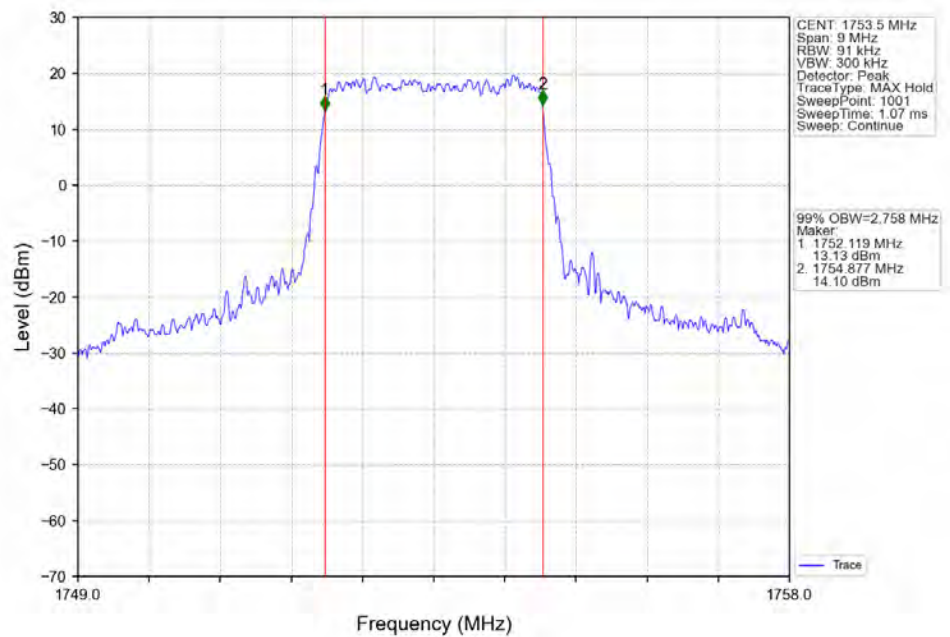
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



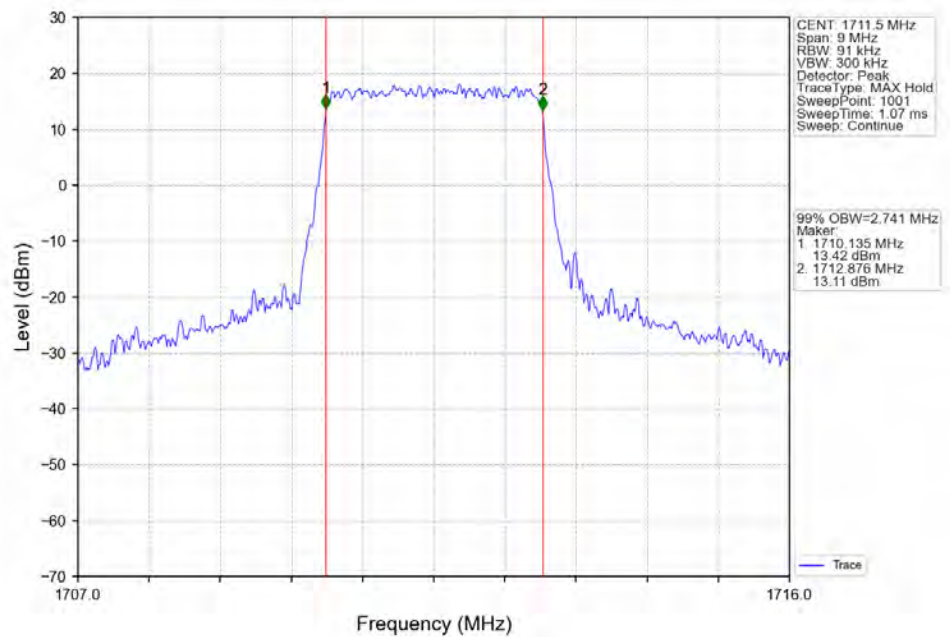
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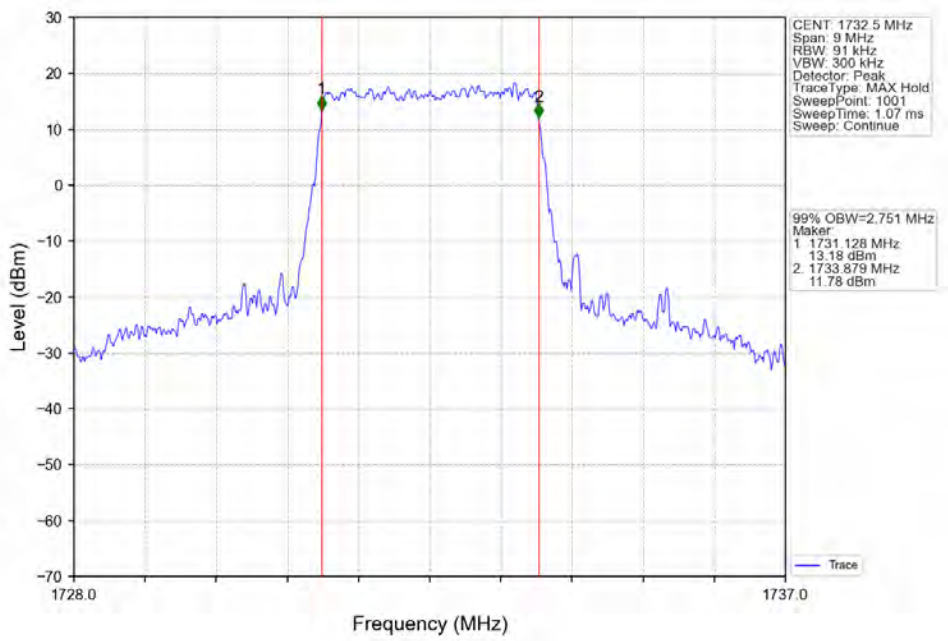
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



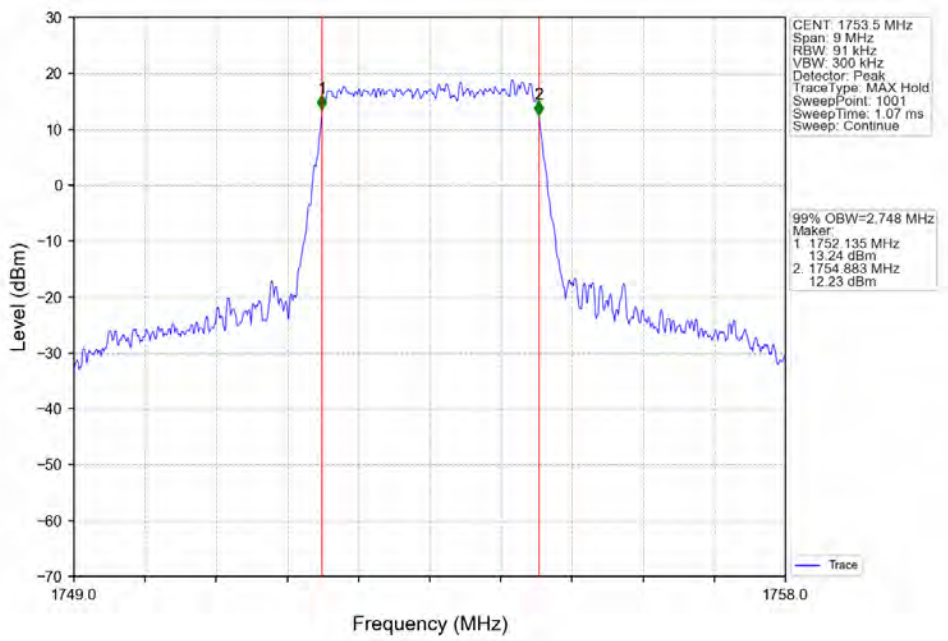
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



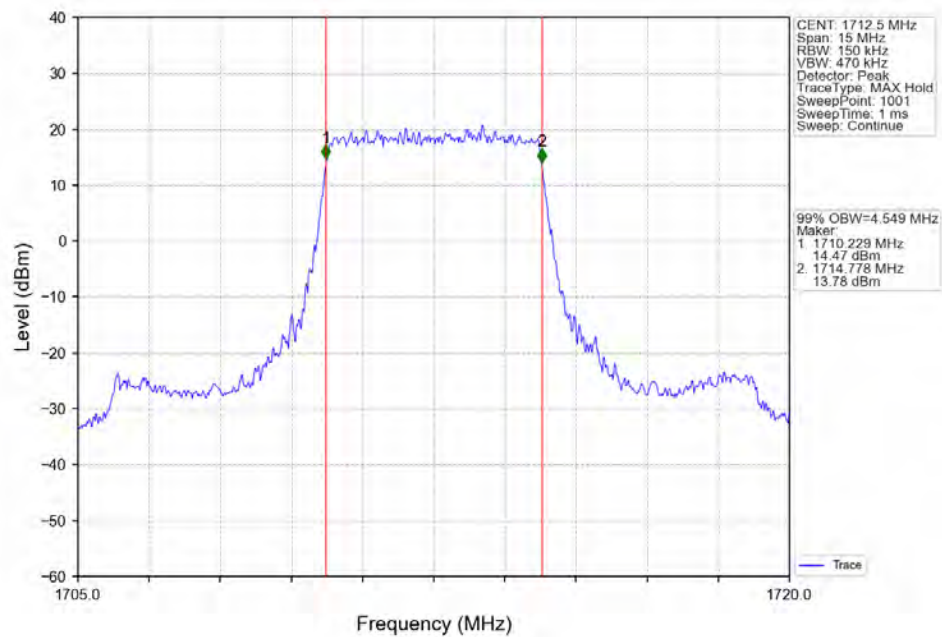
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTNV



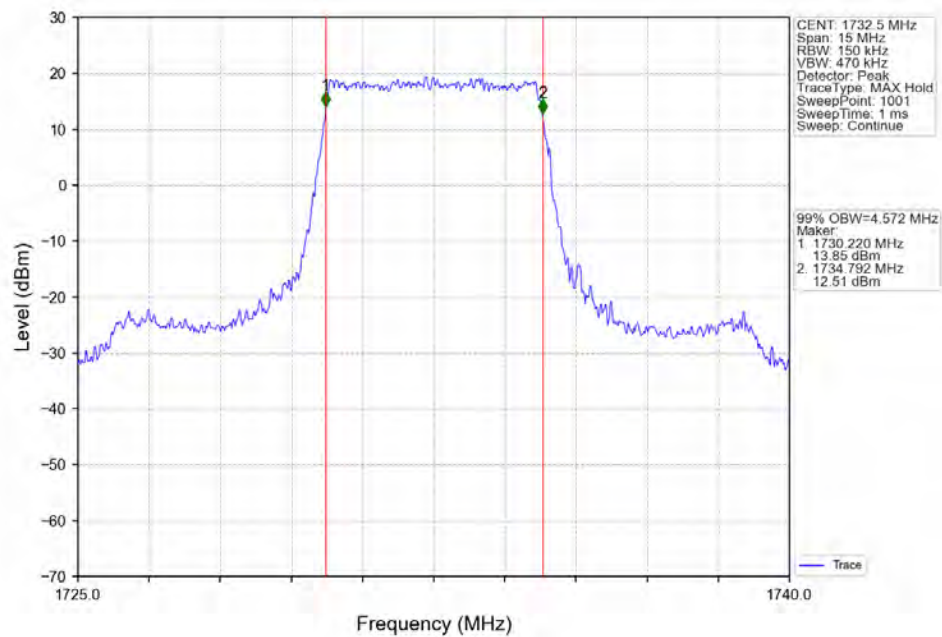
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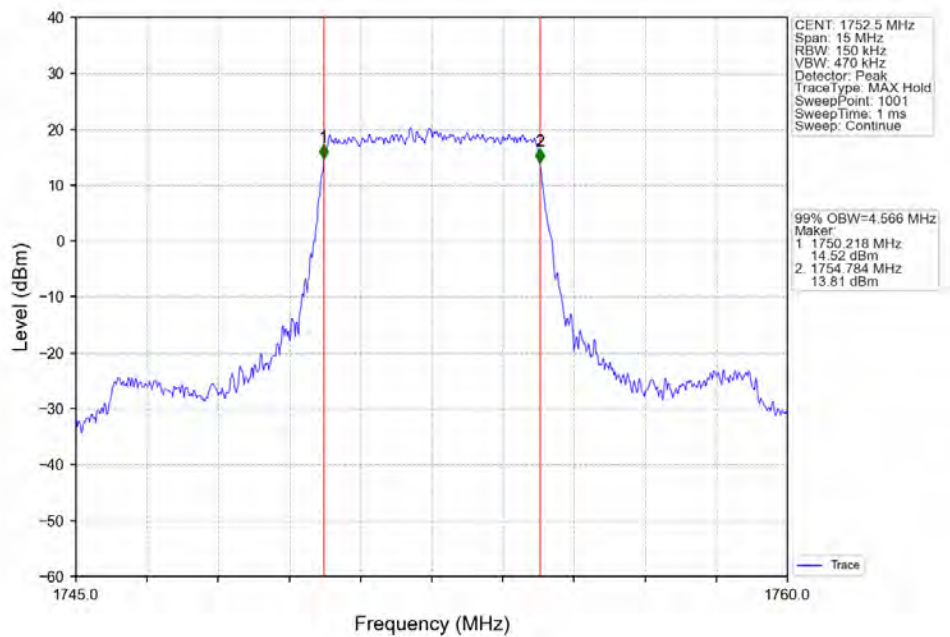
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



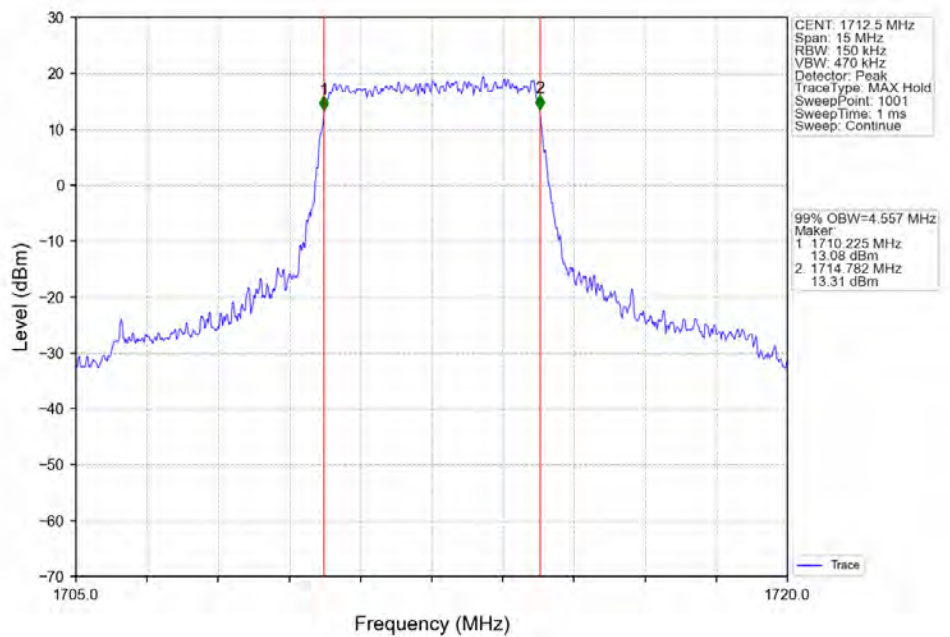
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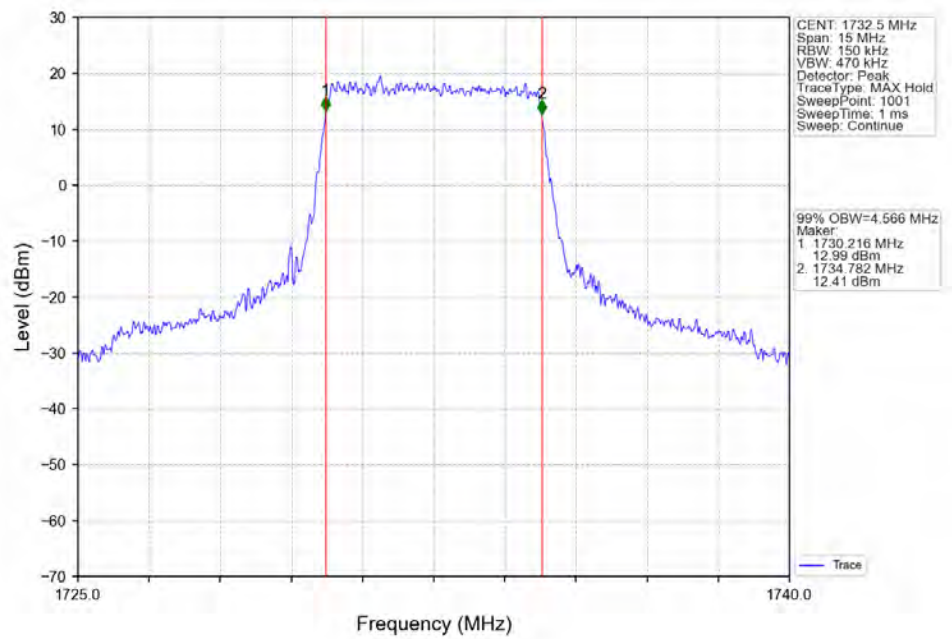
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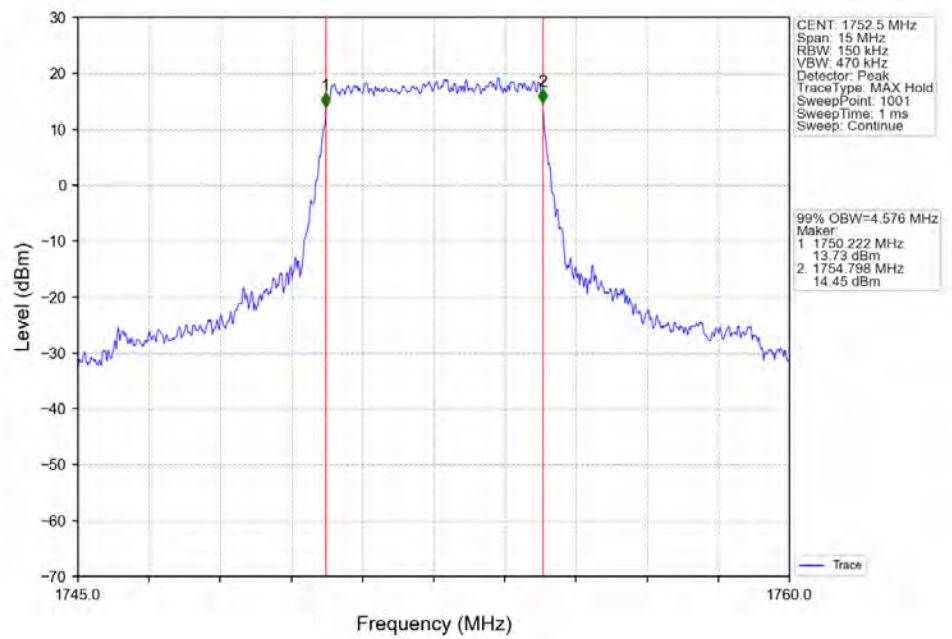
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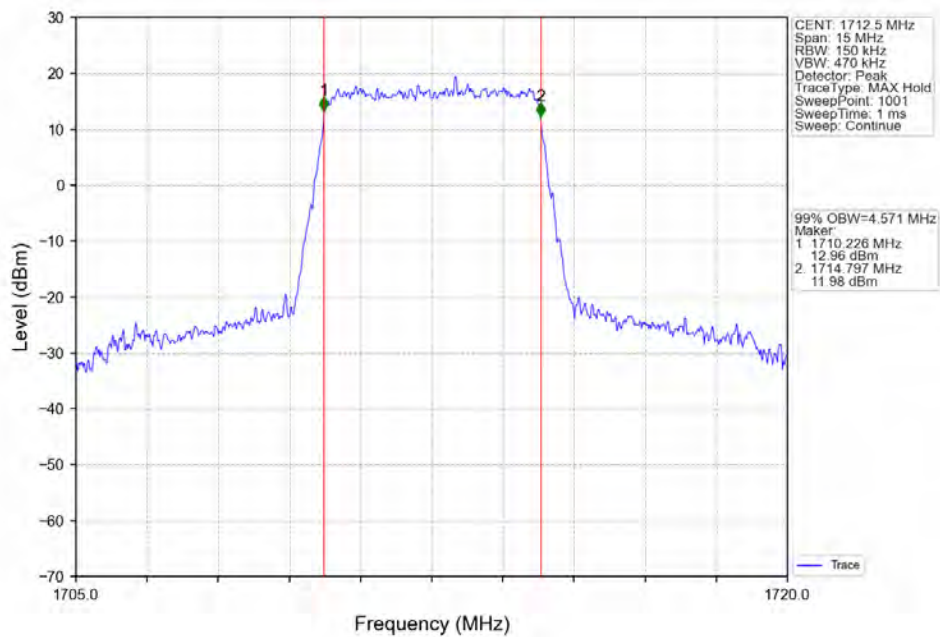
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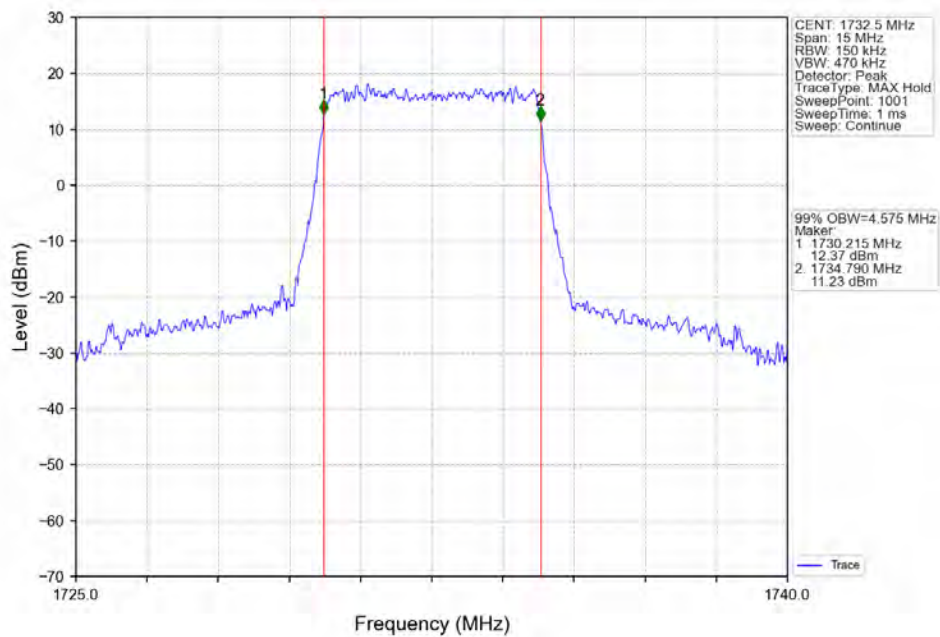
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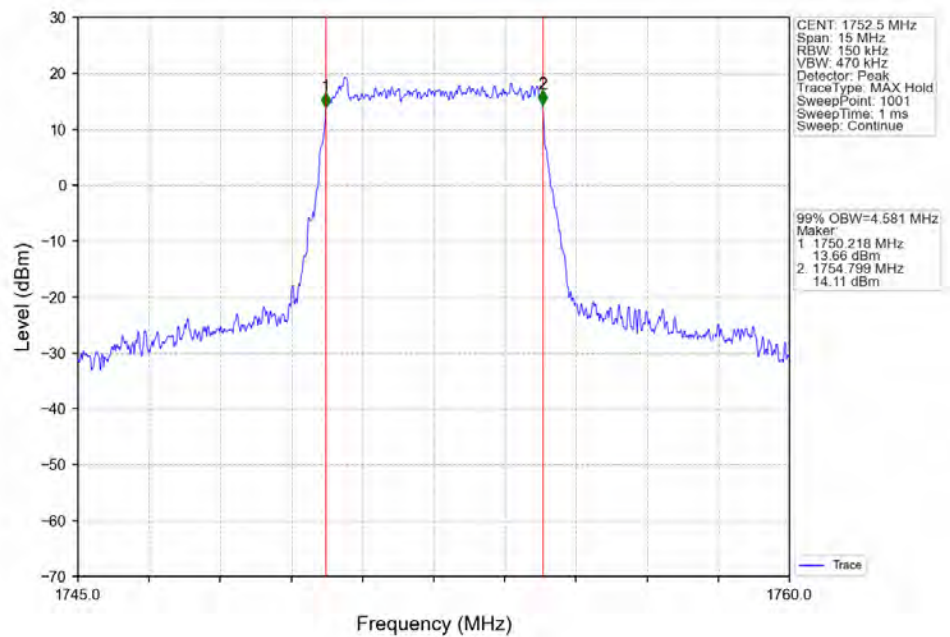
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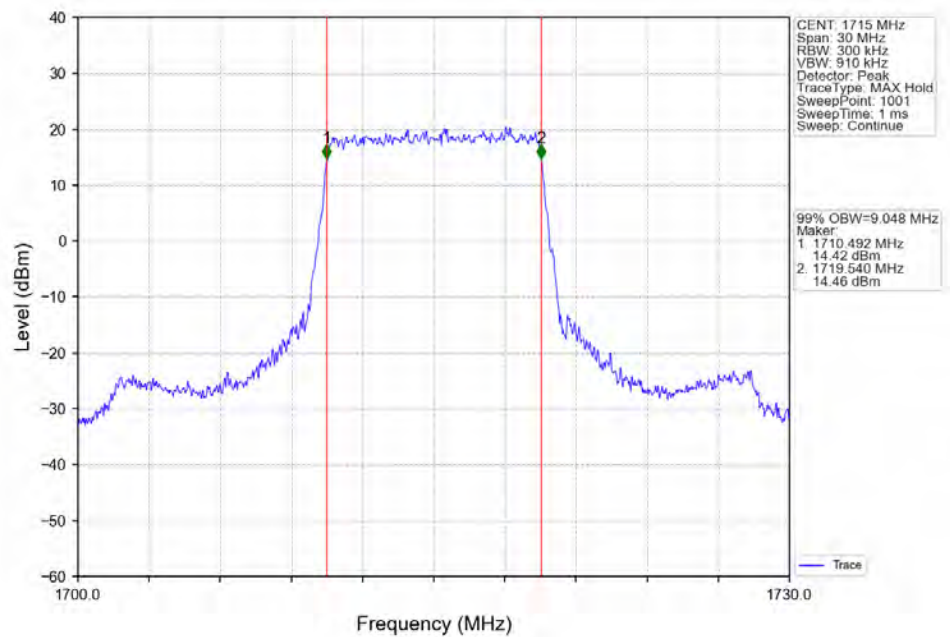
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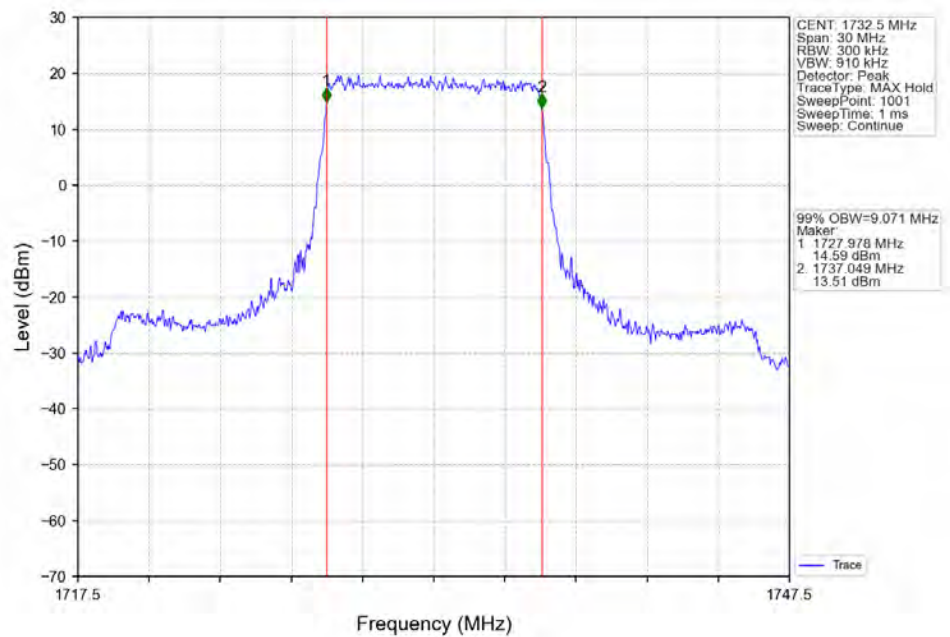
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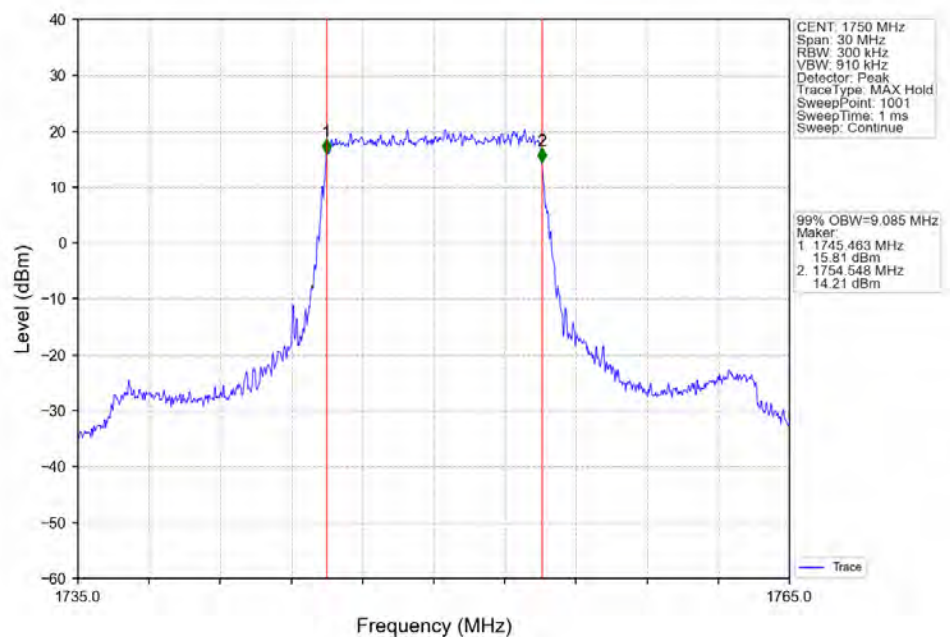
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



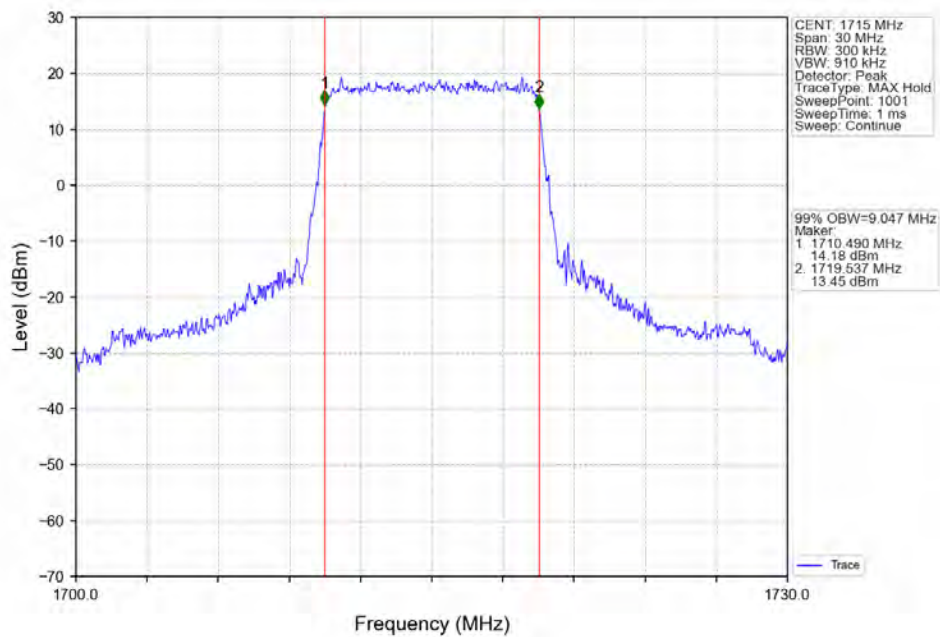
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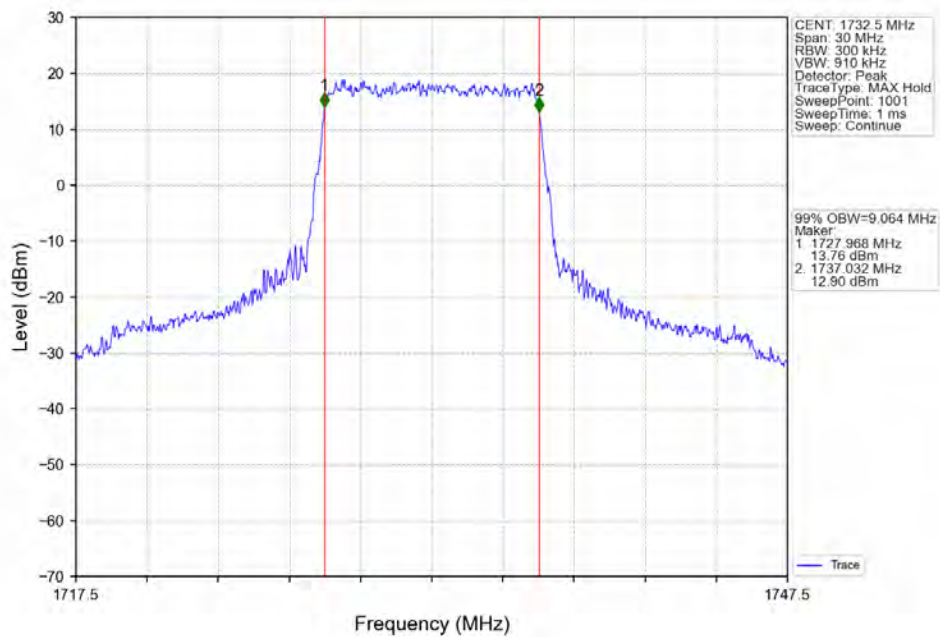
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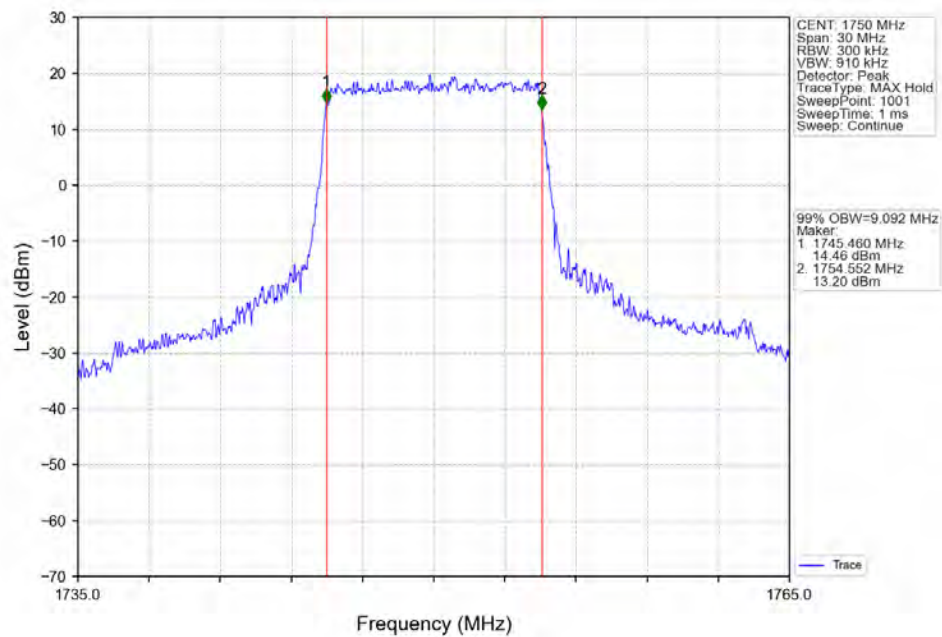
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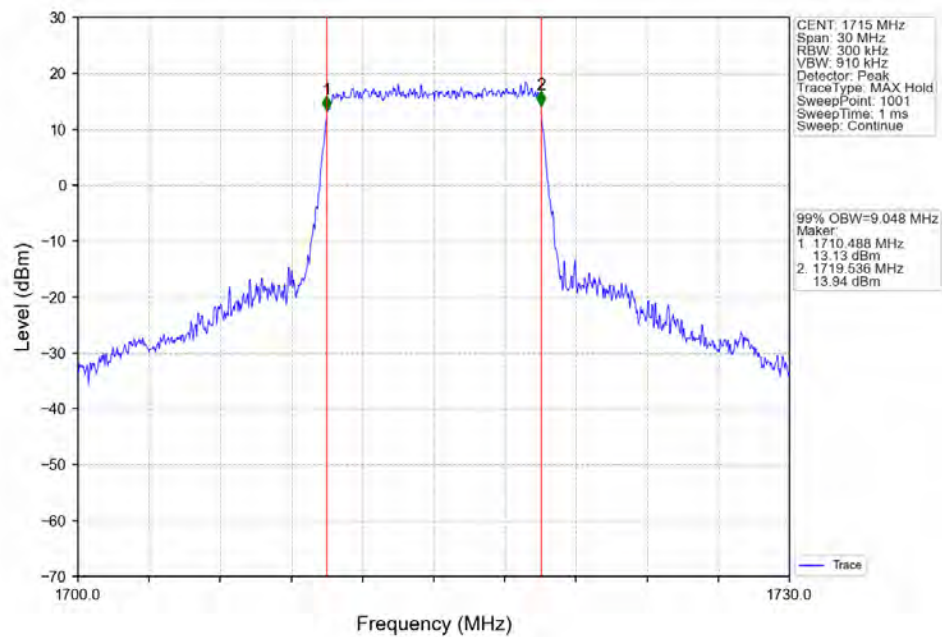
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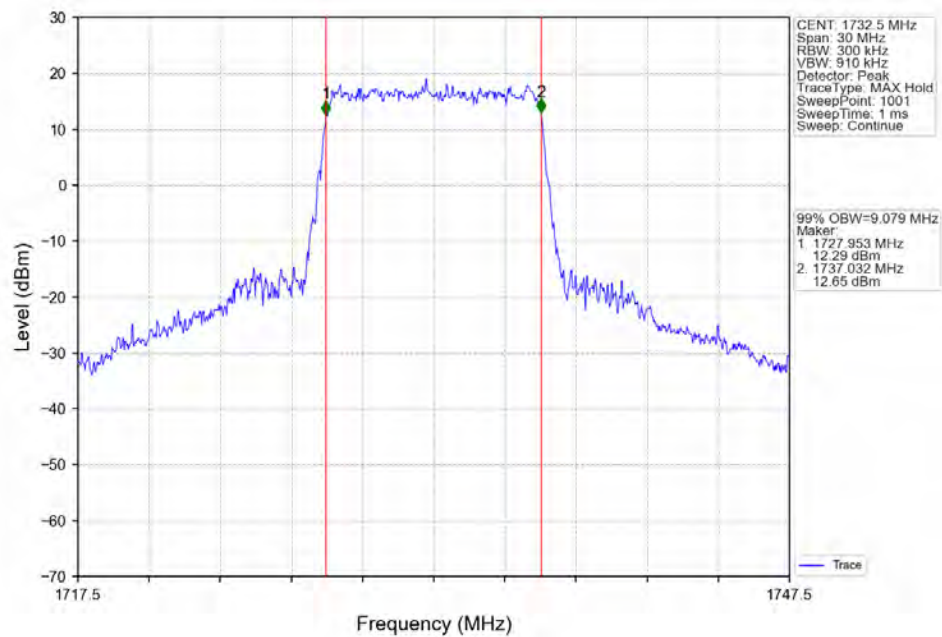
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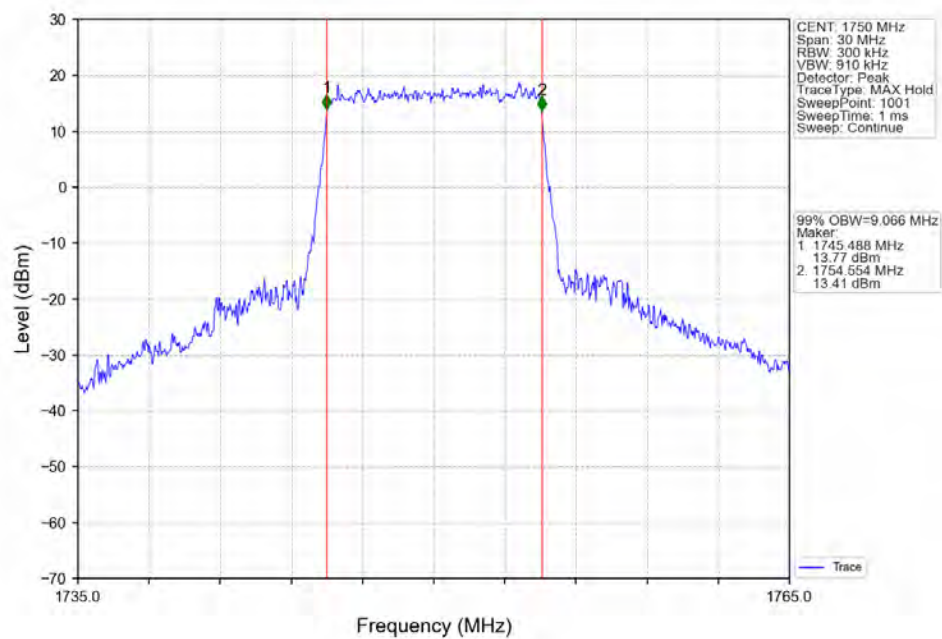
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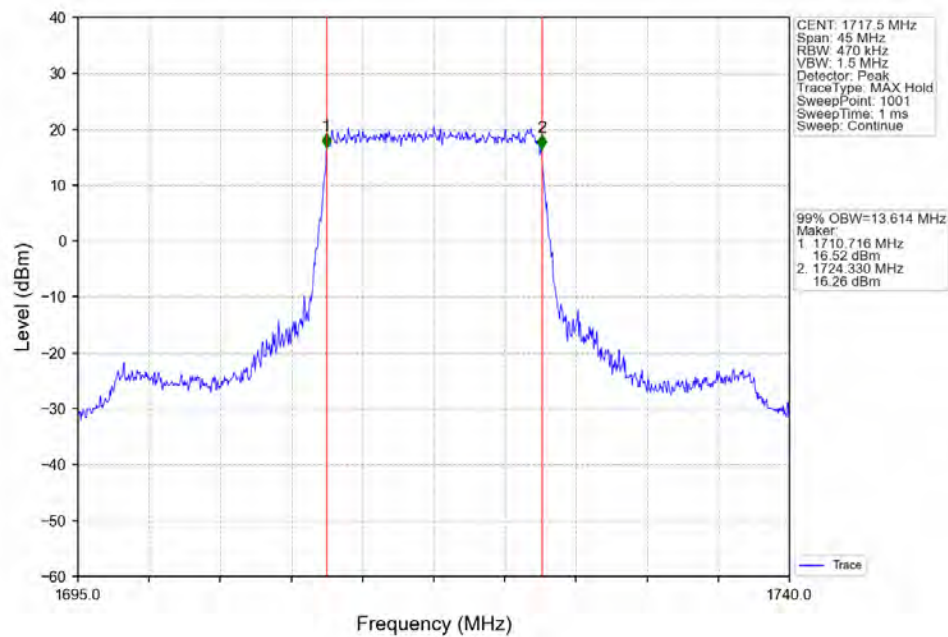
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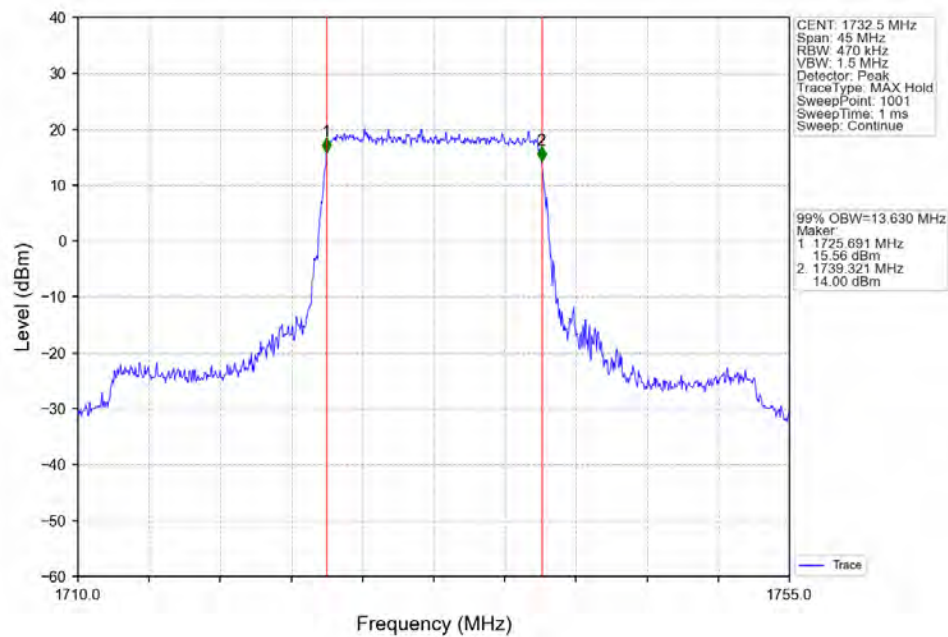
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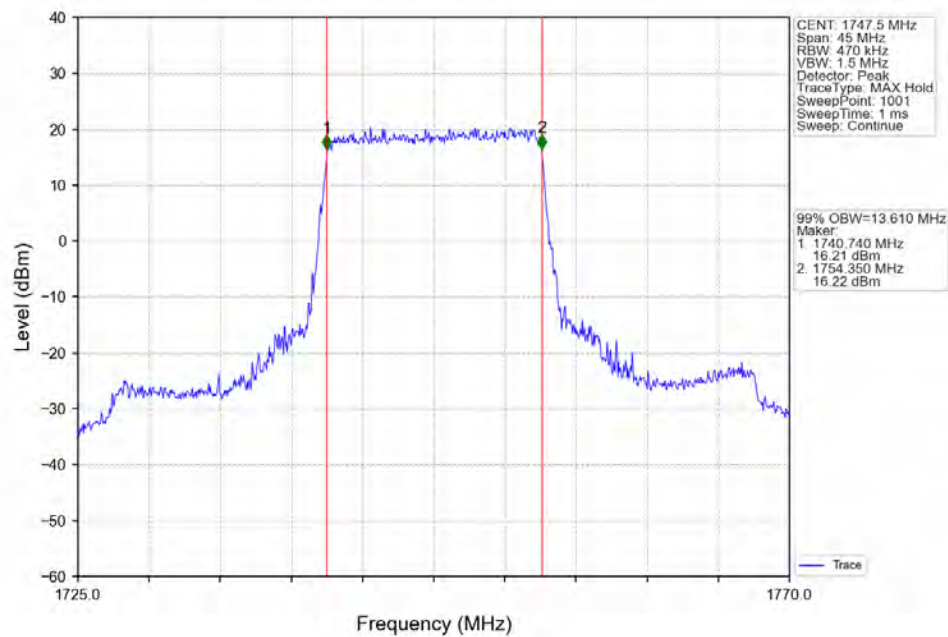
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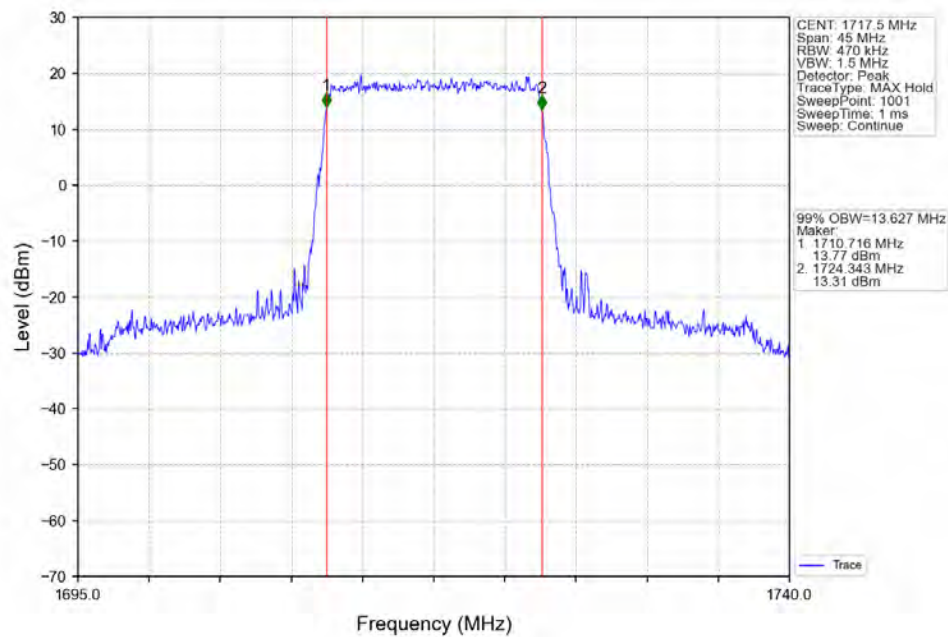
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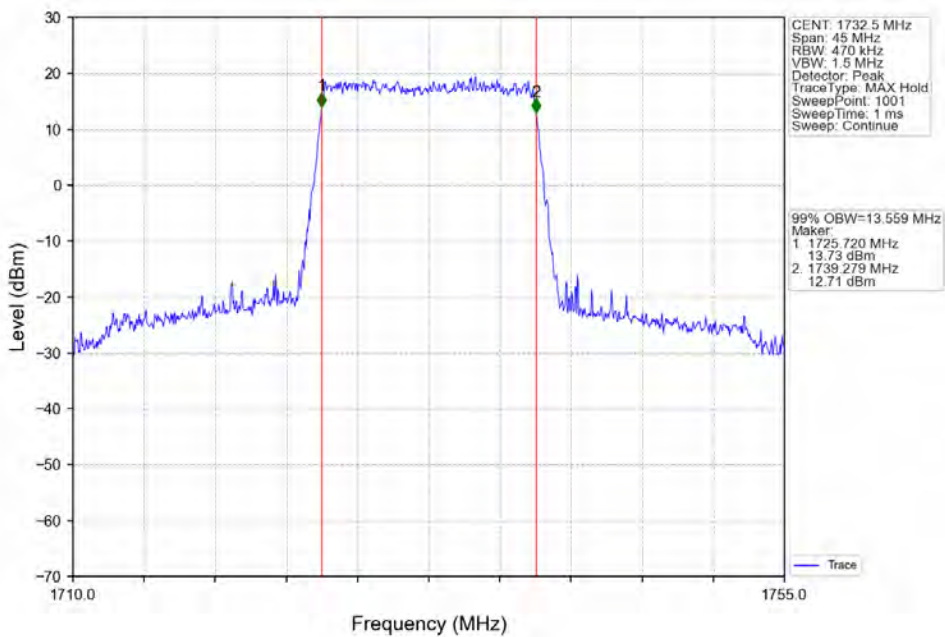
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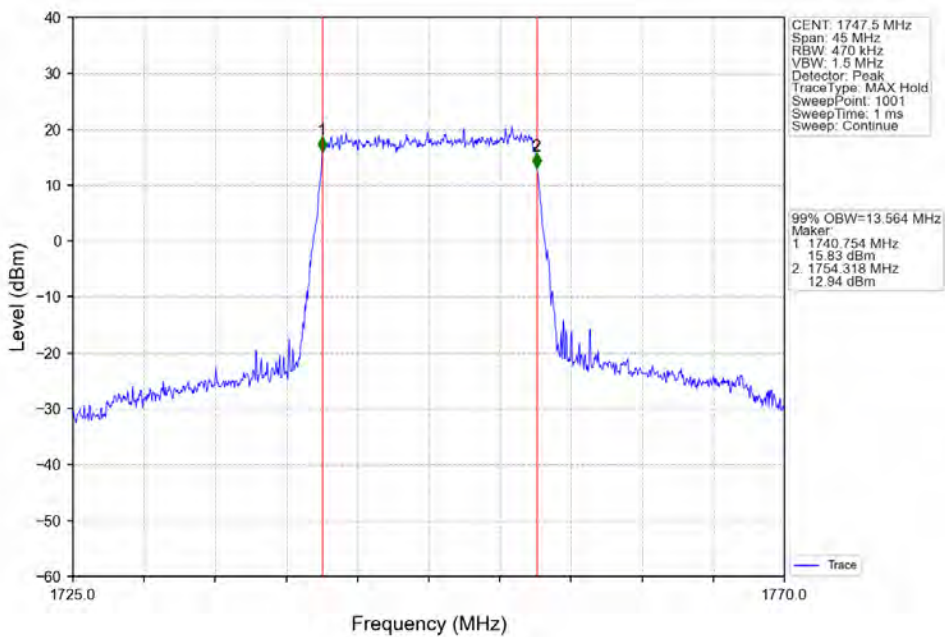
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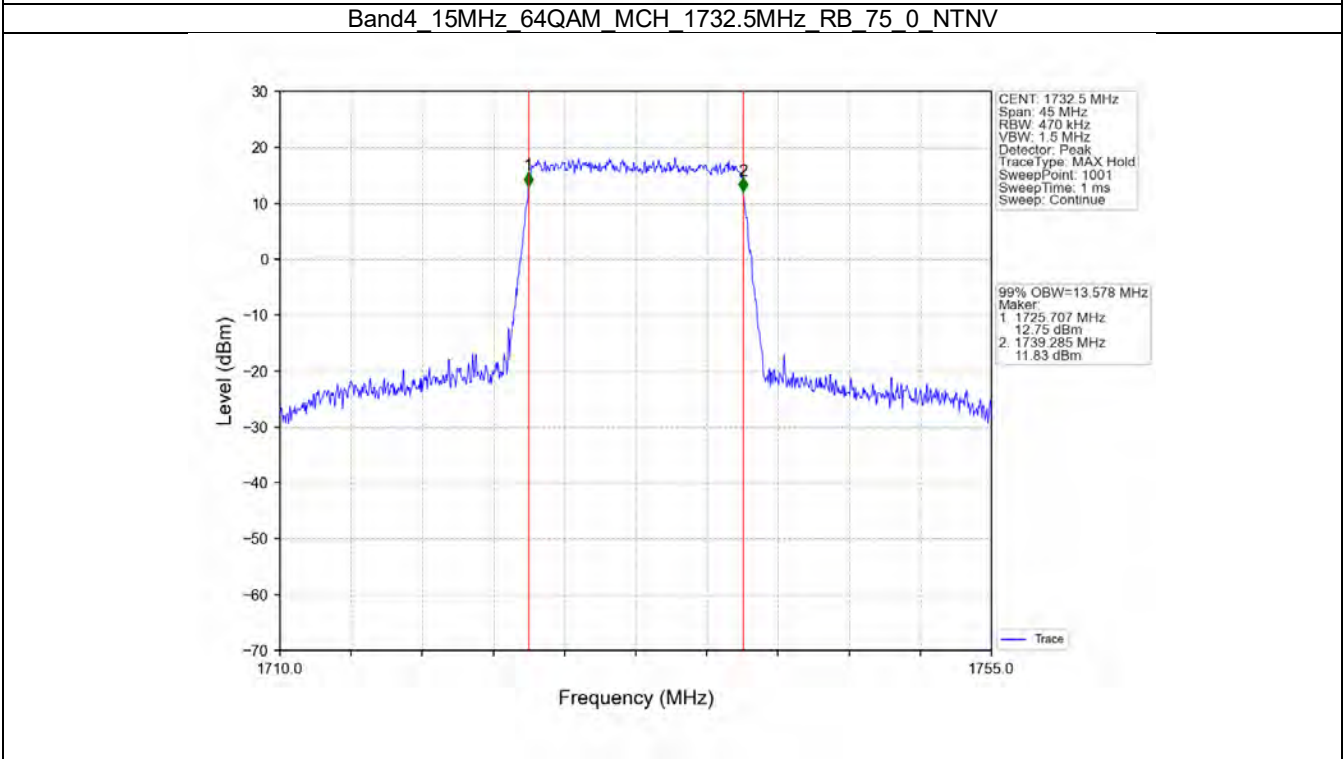
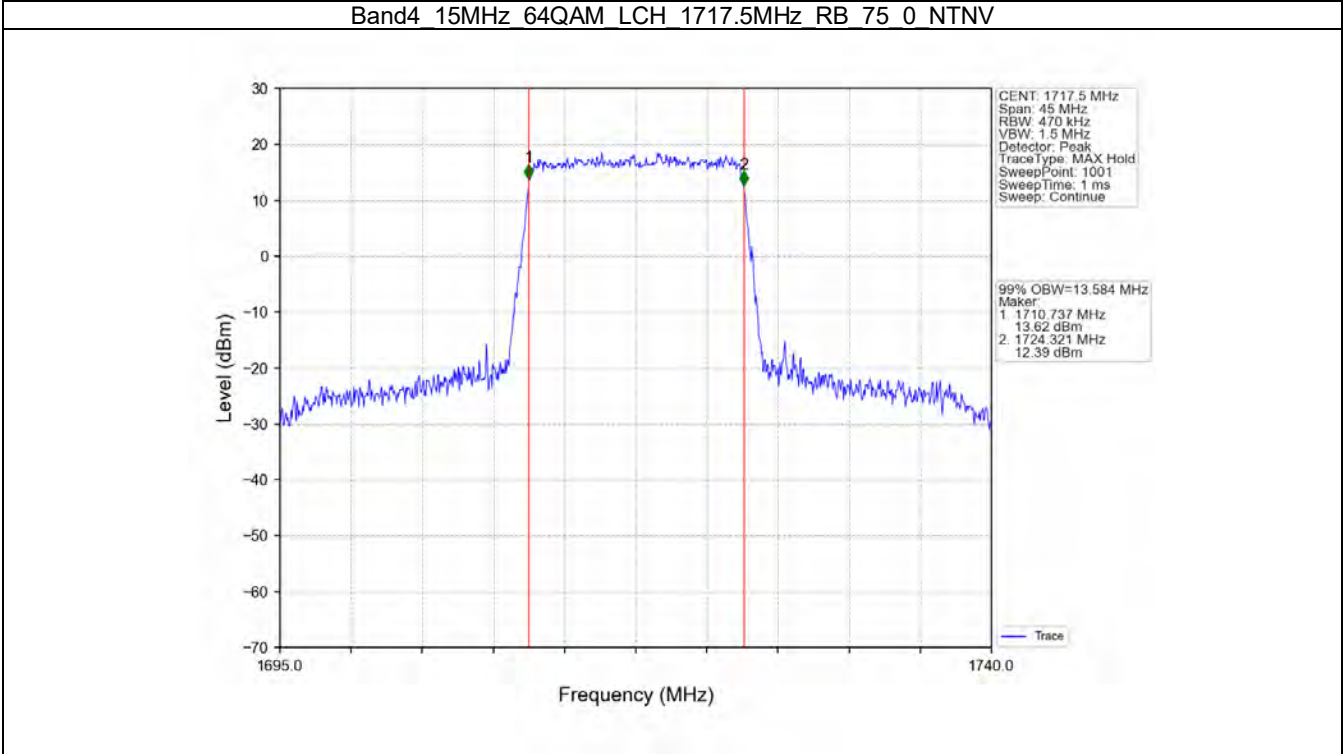


Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV

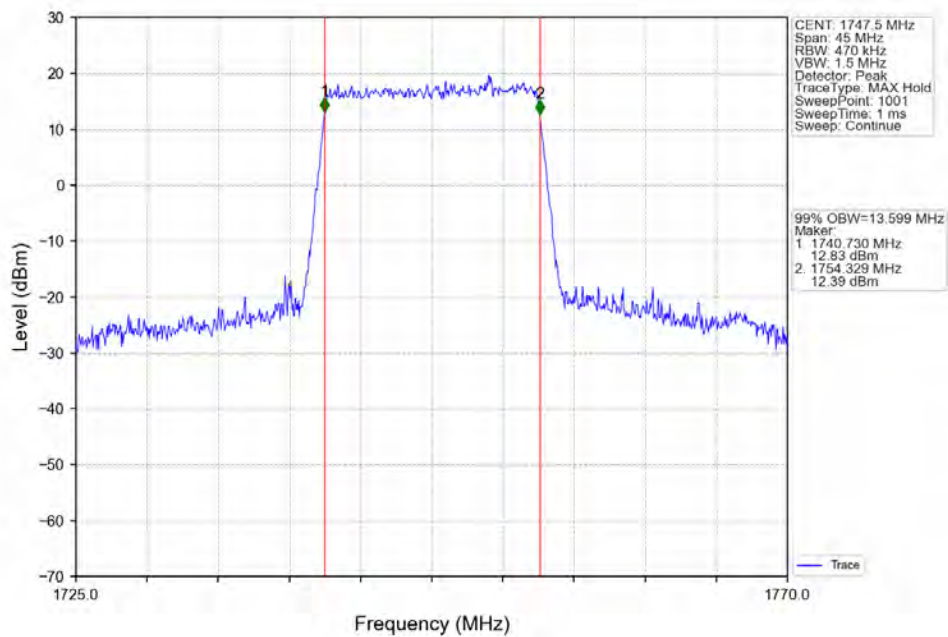


Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV

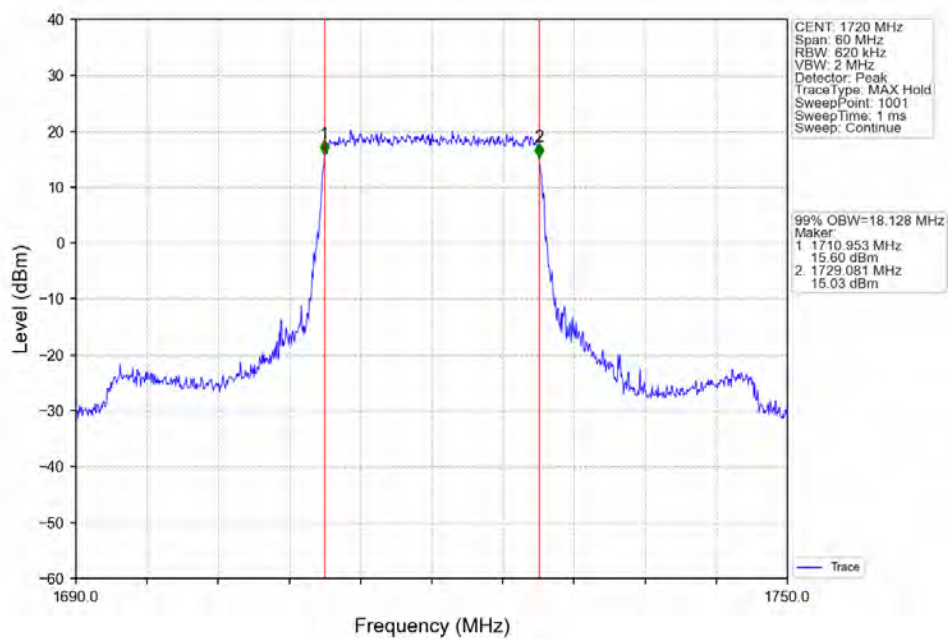




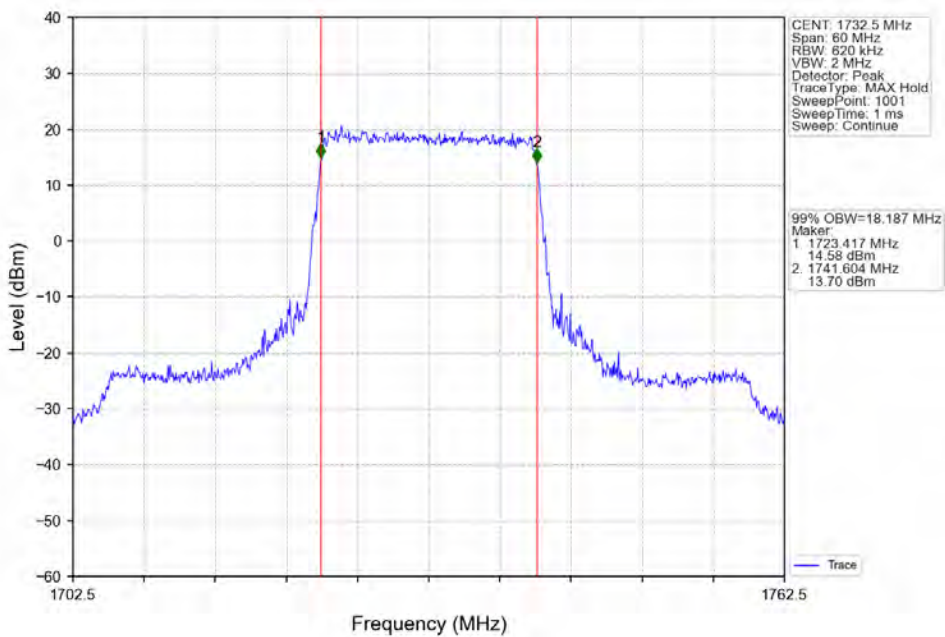
Band4 15MHz 64QAM HCH 1747.5MHz RB 75 0 NTN



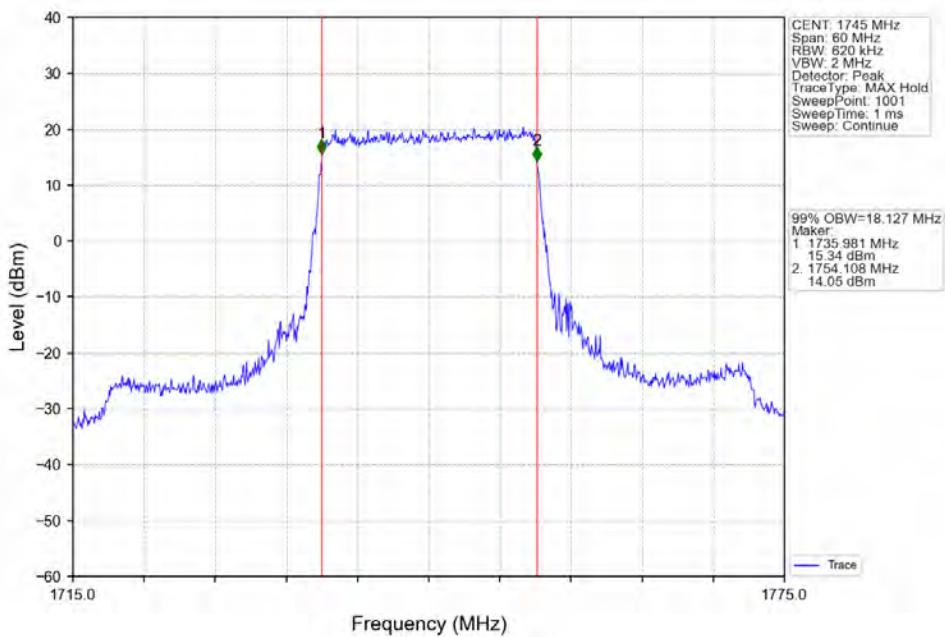
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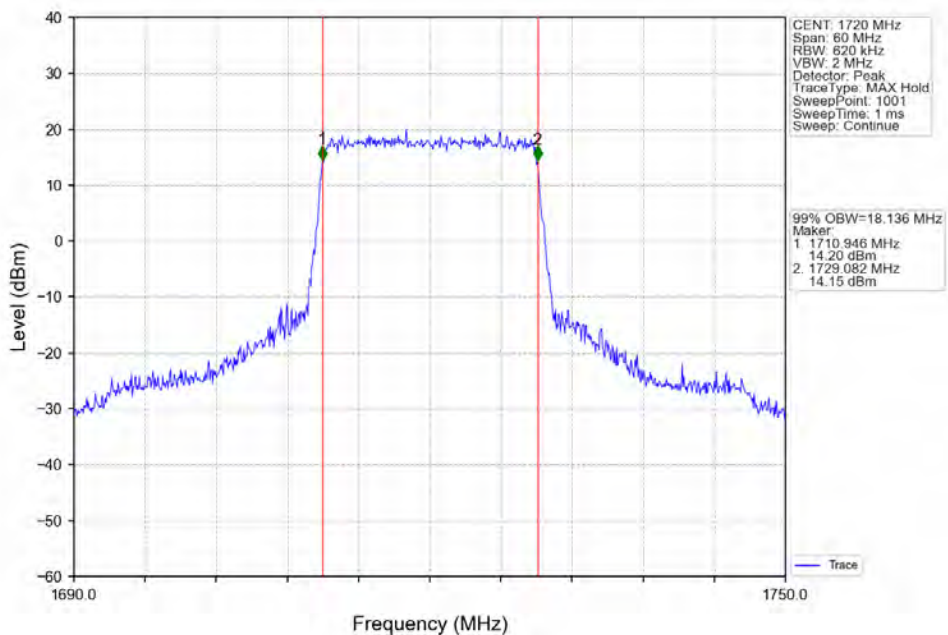
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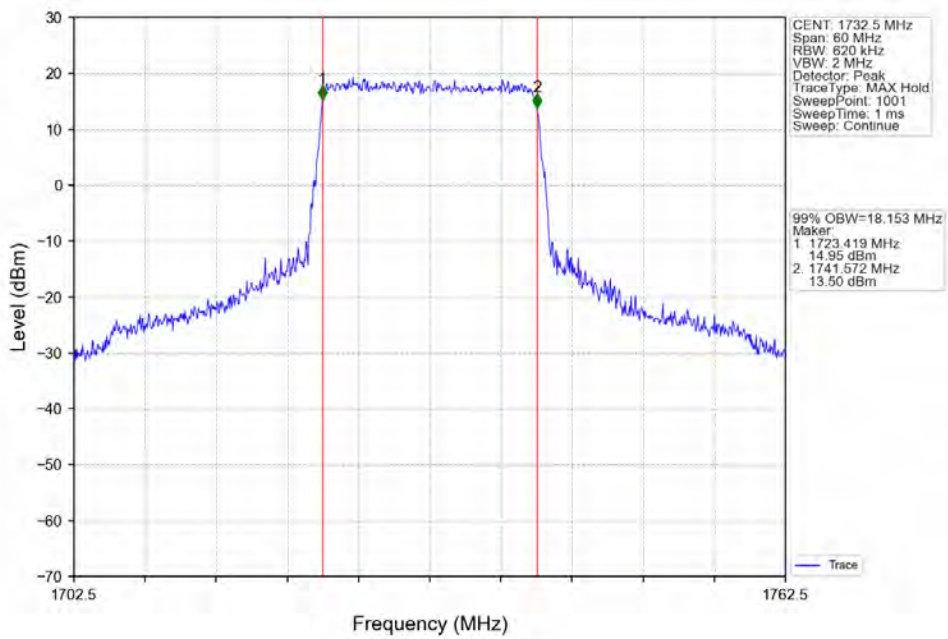
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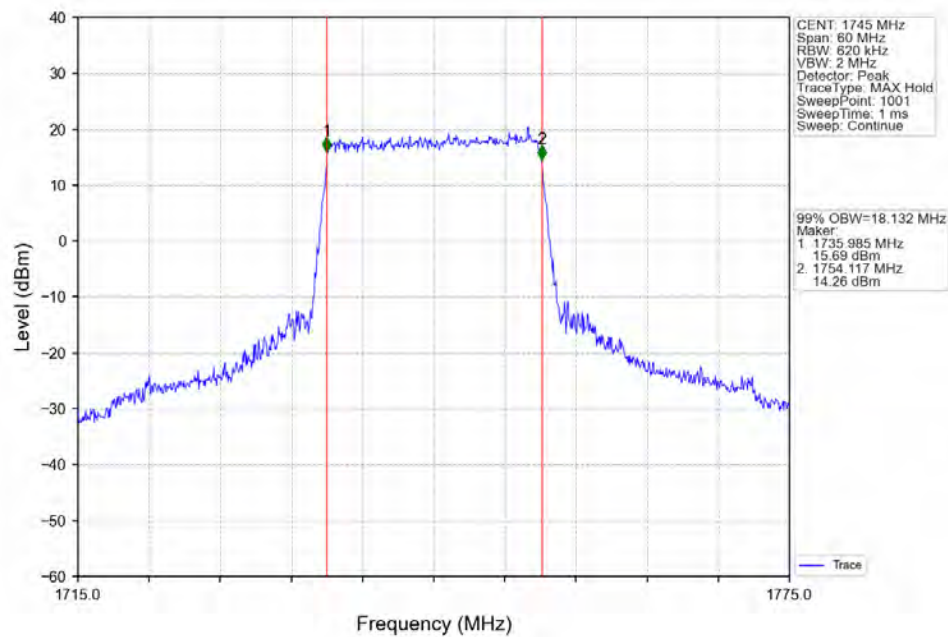
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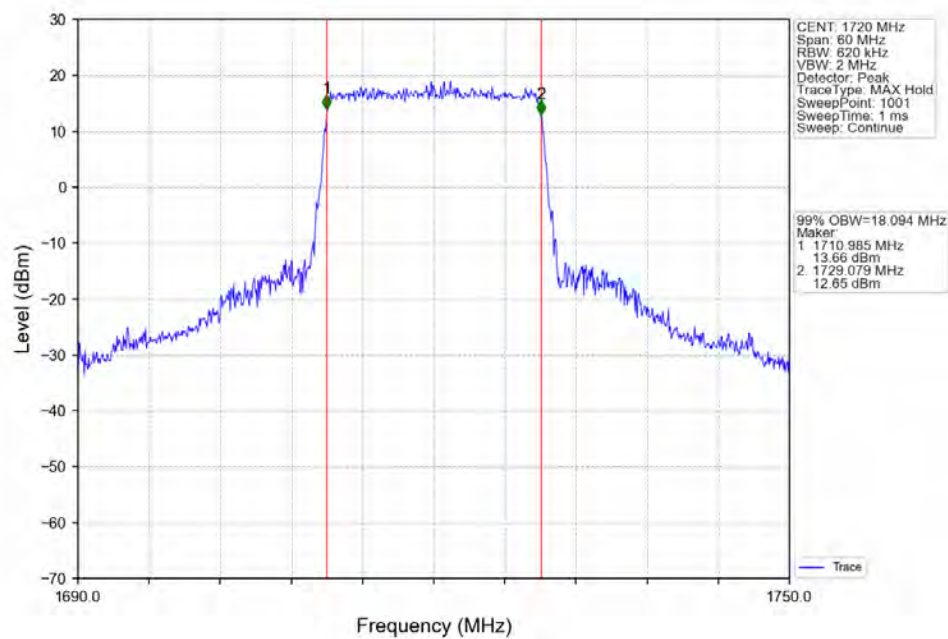
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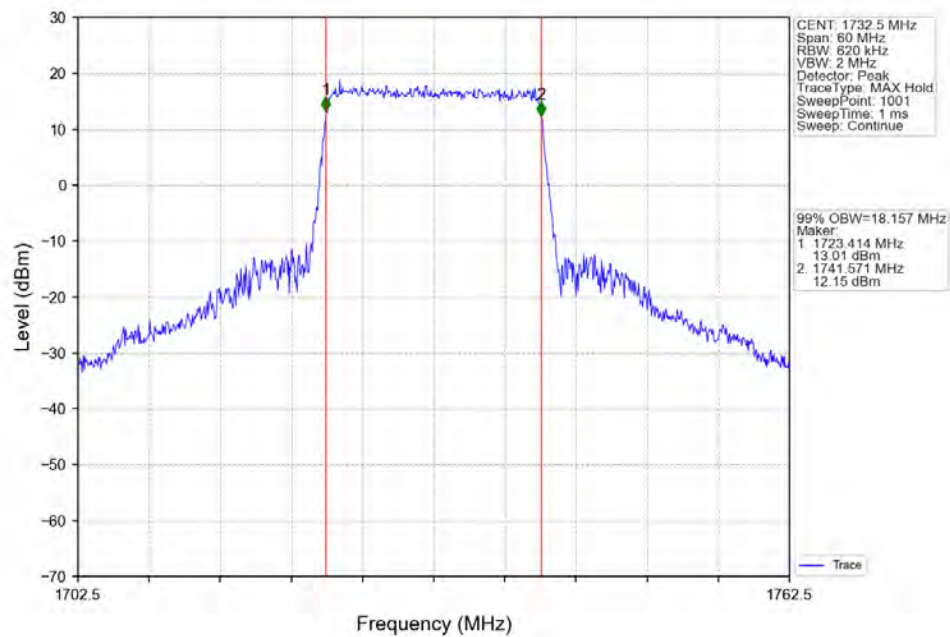
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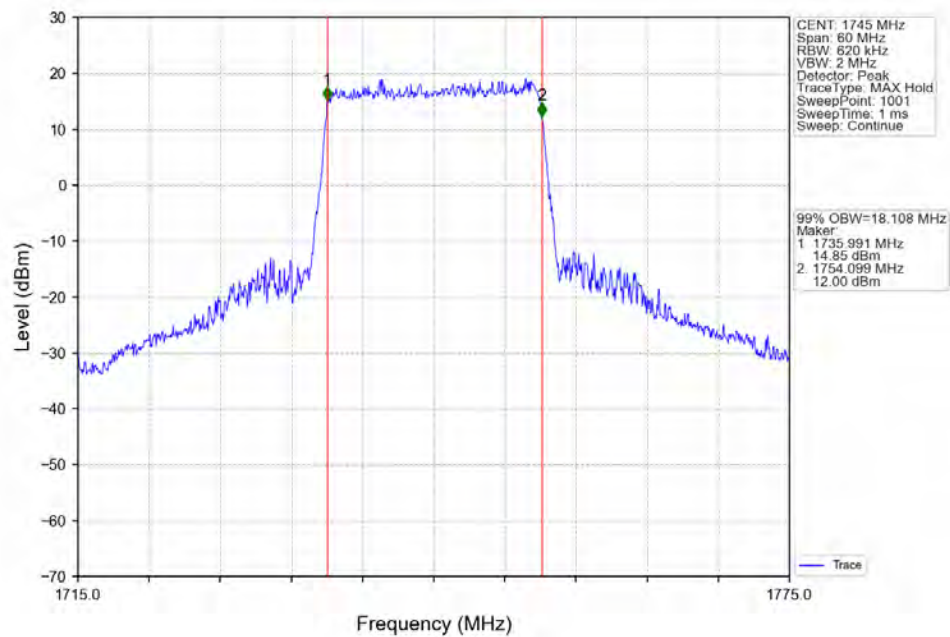
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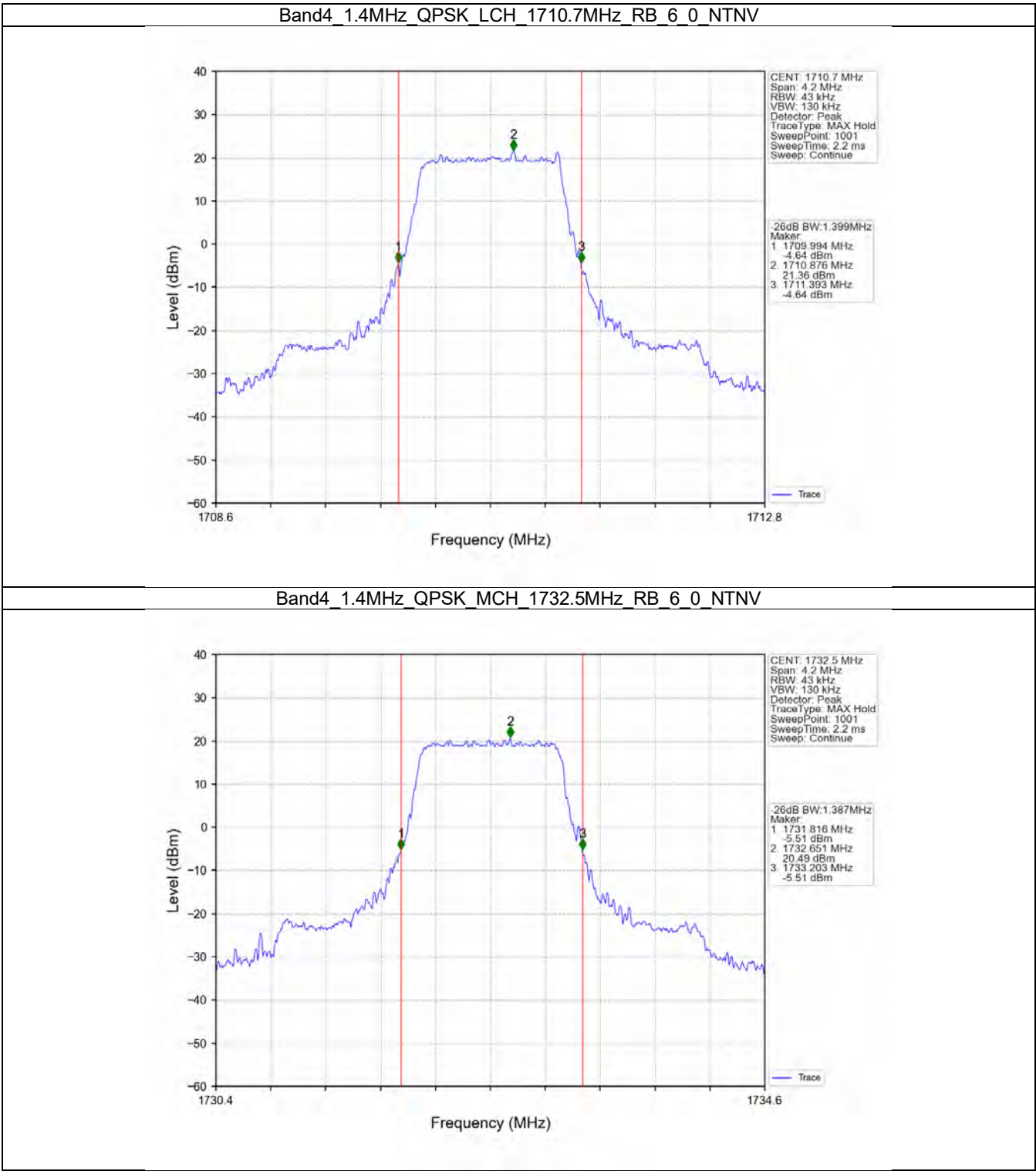
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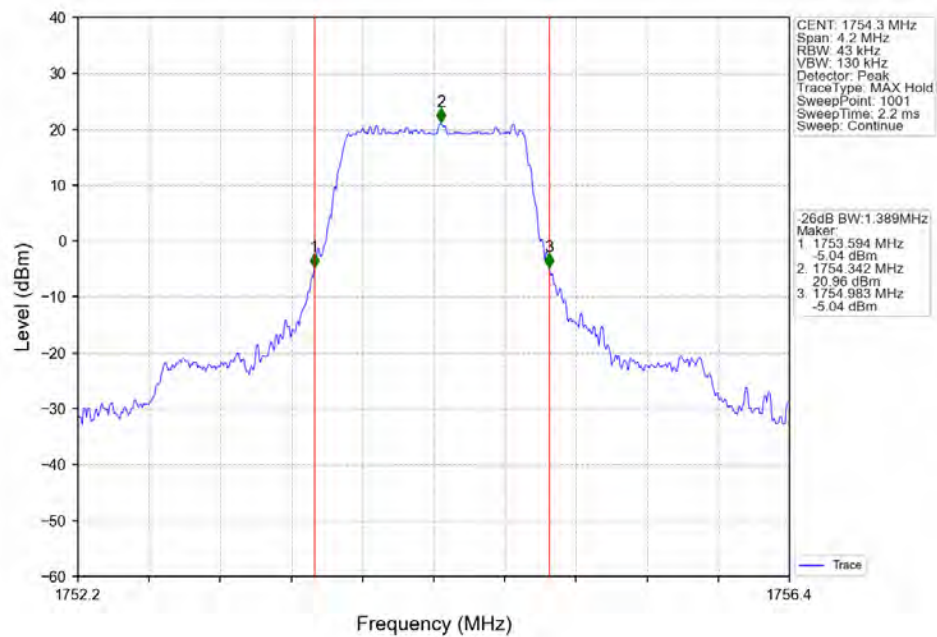
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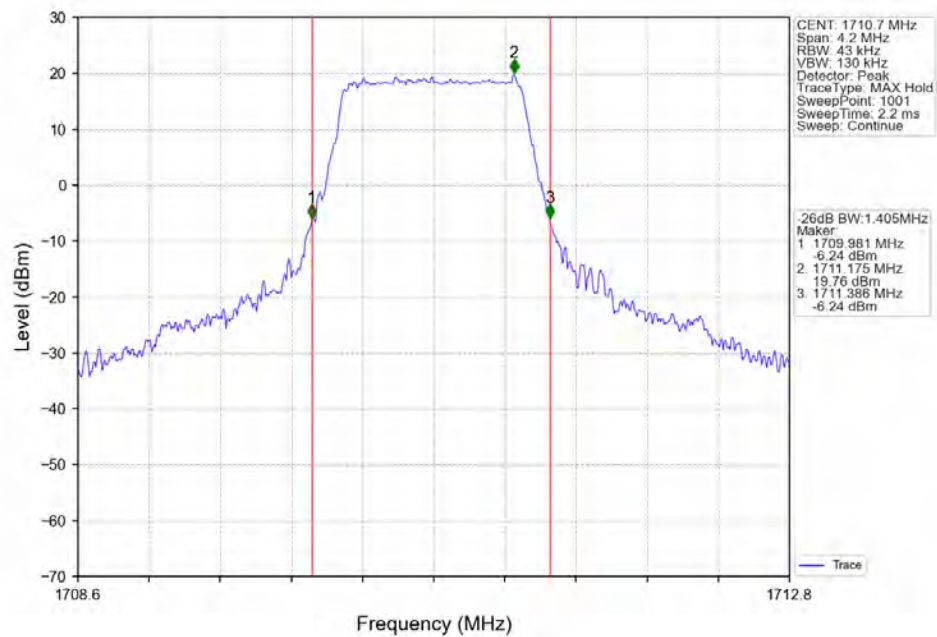
3.2.2 Band4_XDB



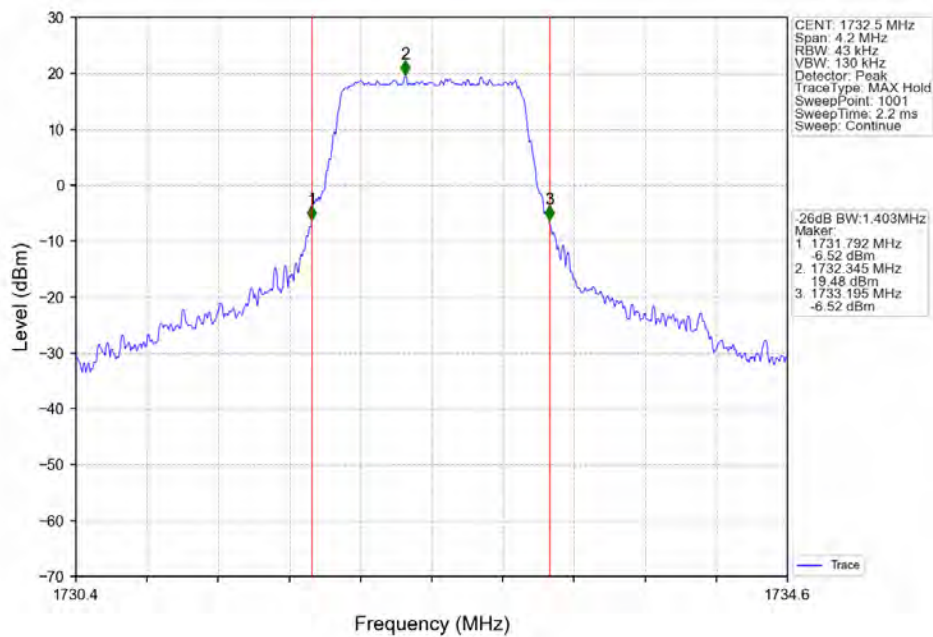
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



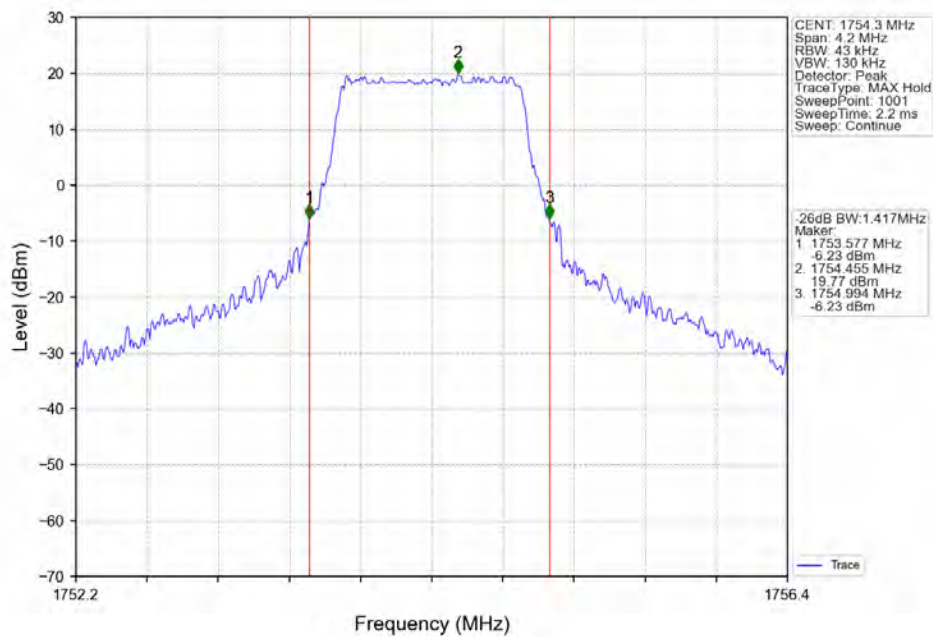
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



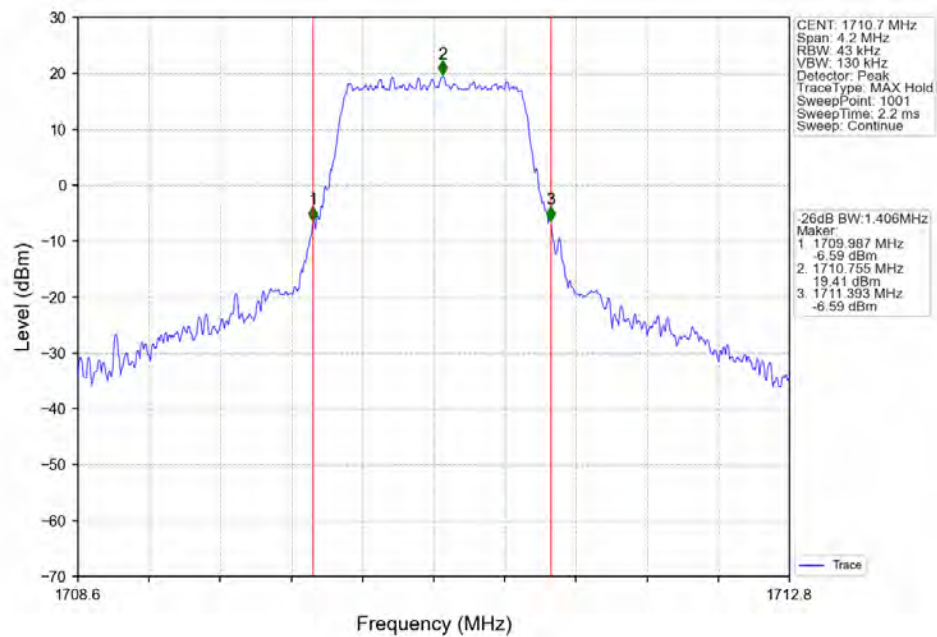
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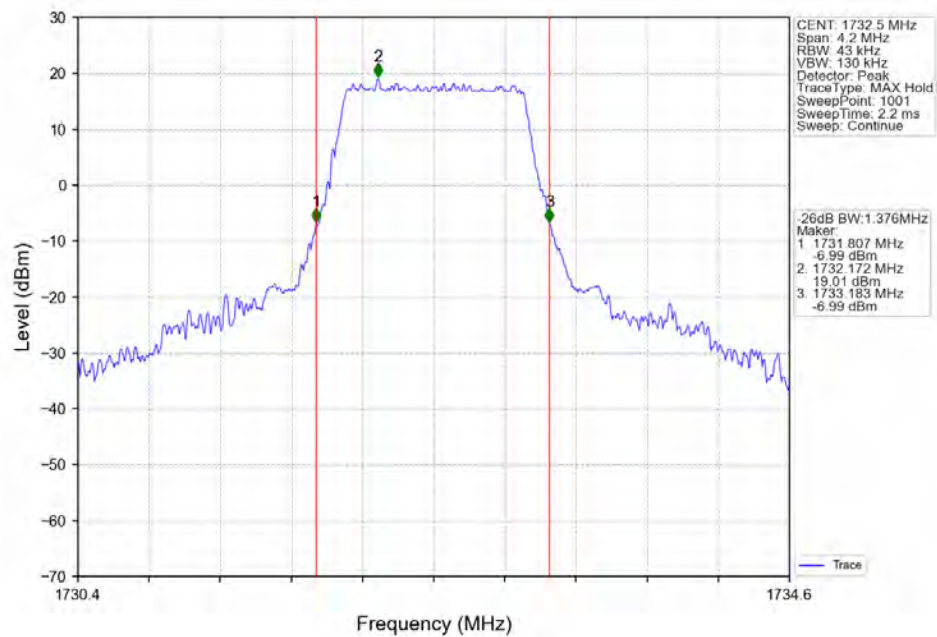
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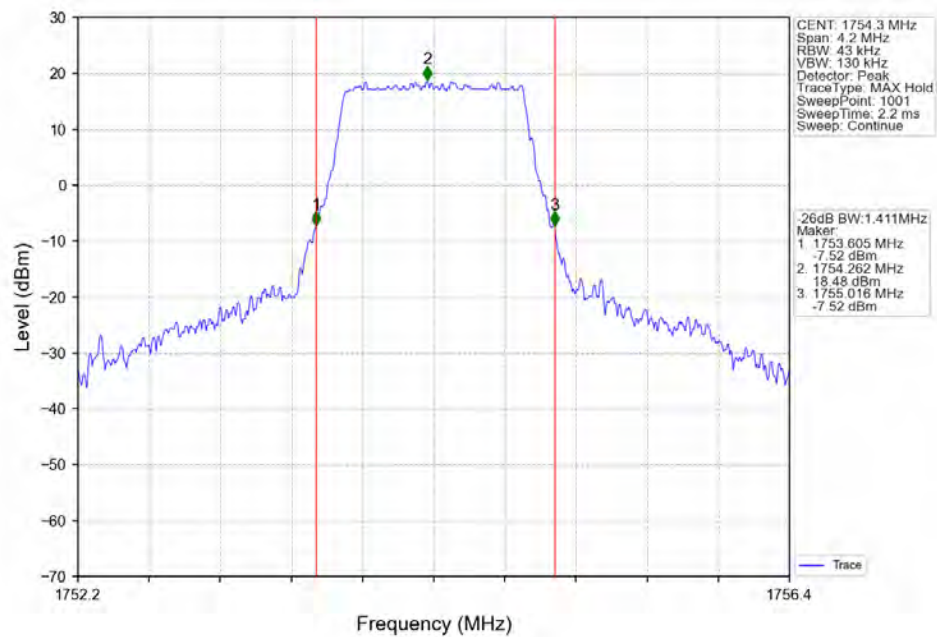
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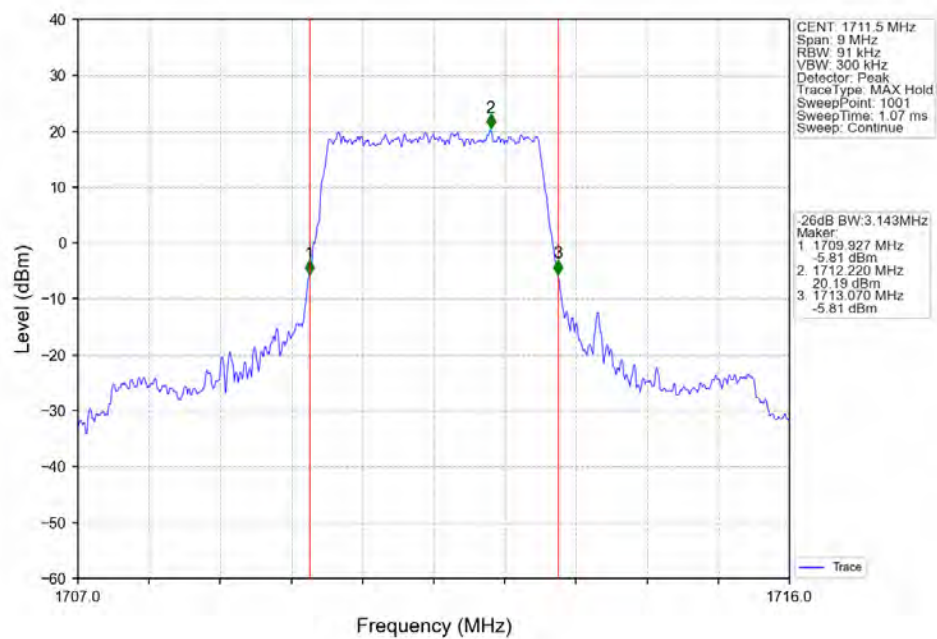
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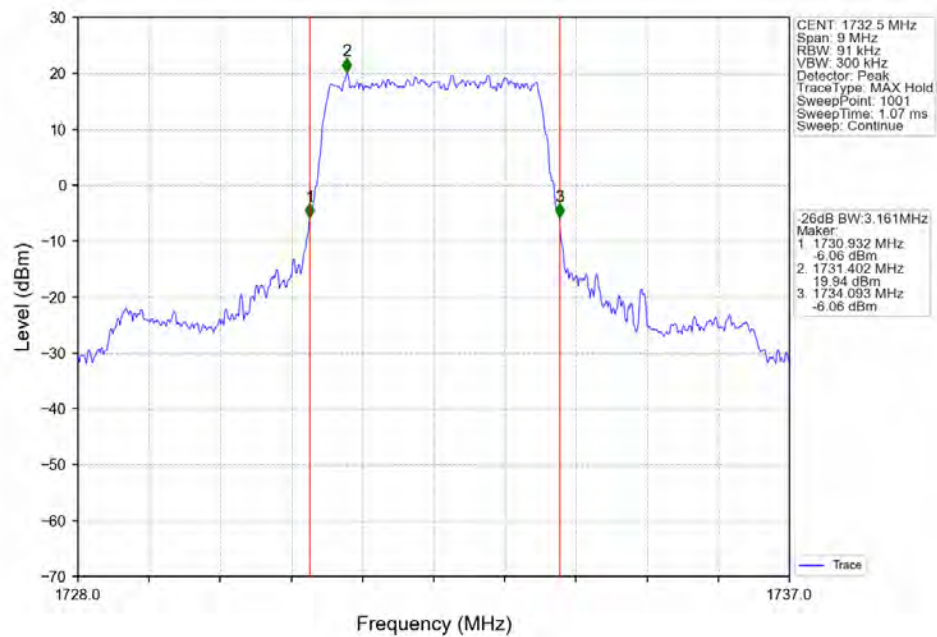
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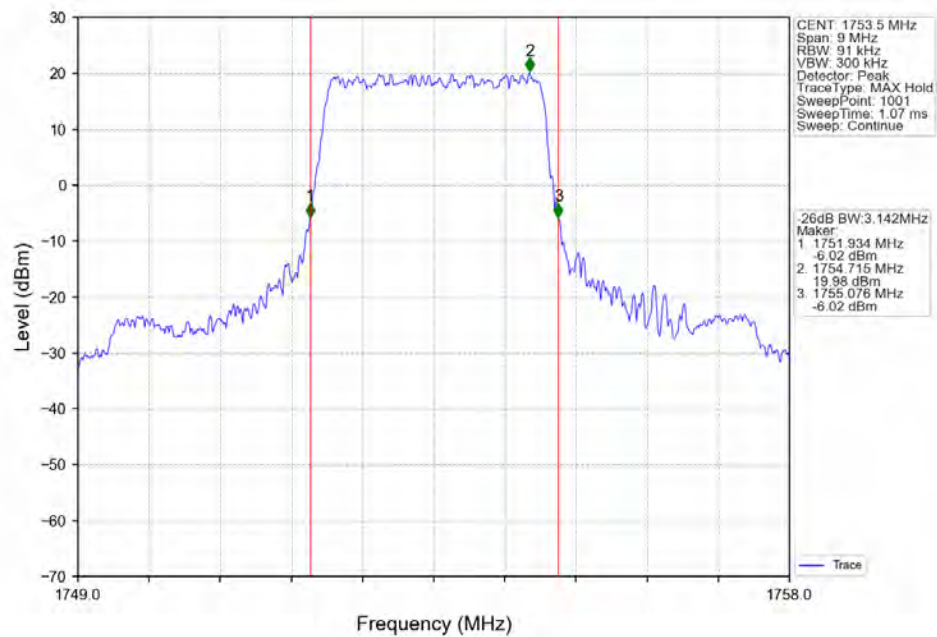
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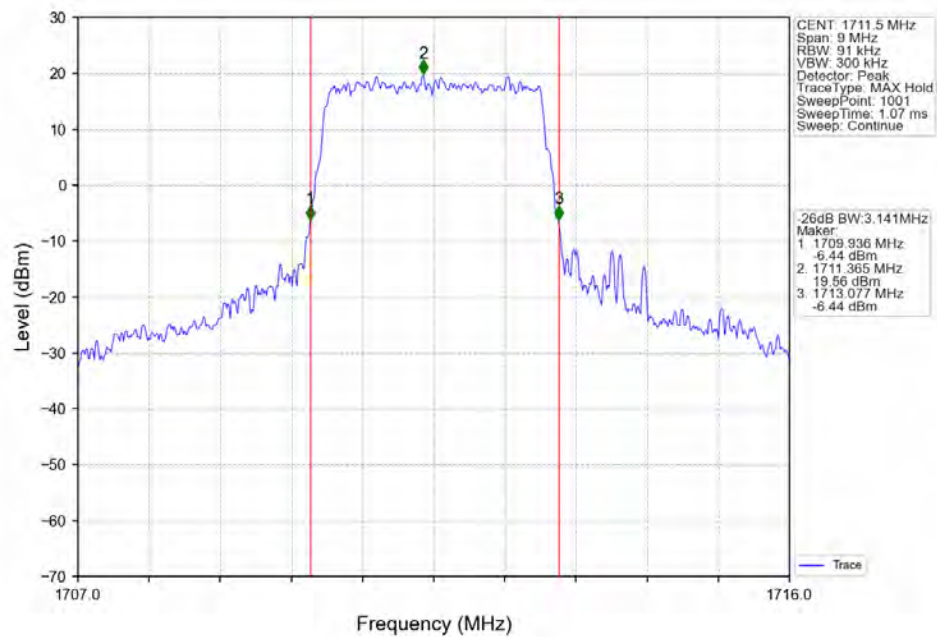
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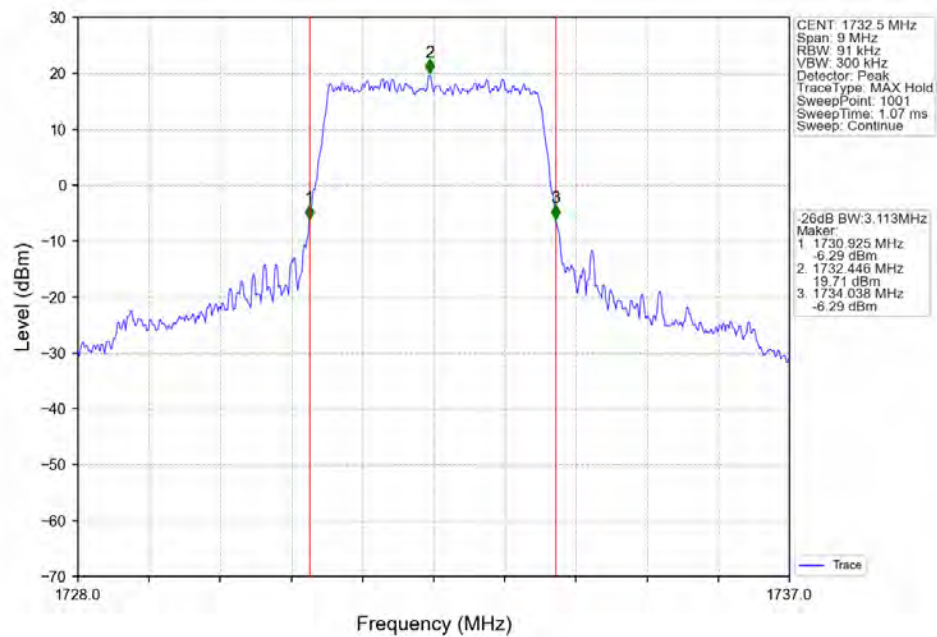
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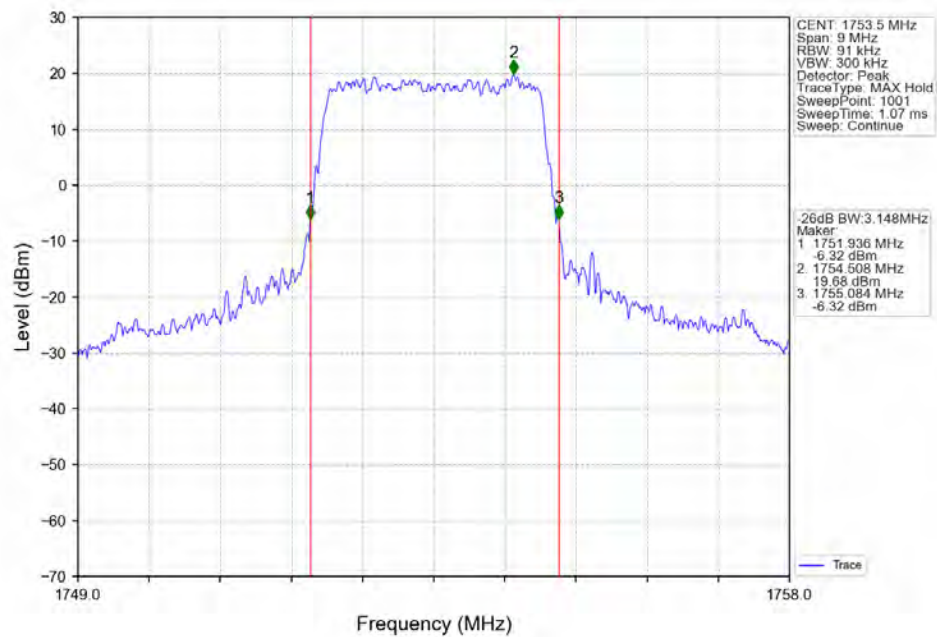
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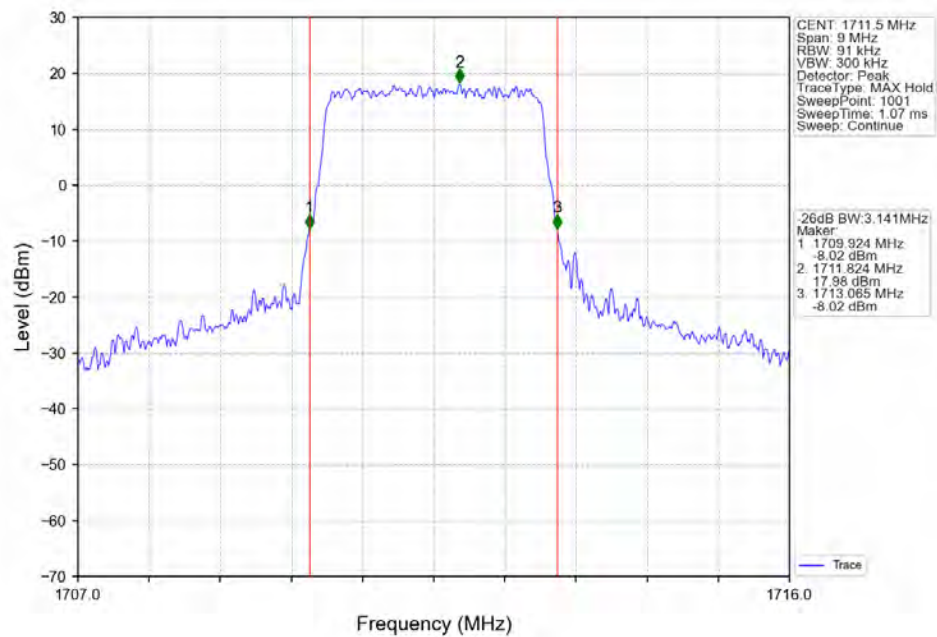
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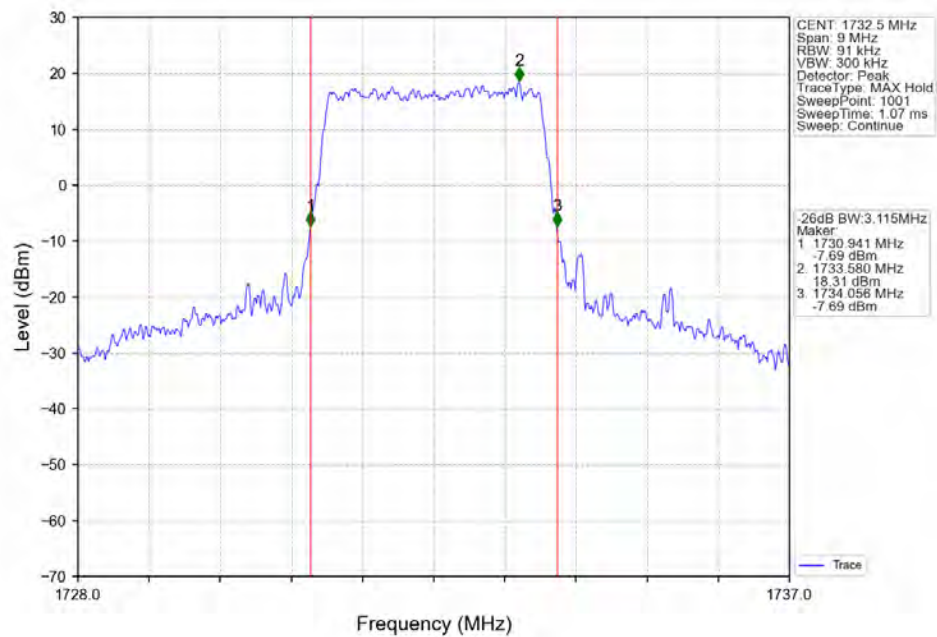
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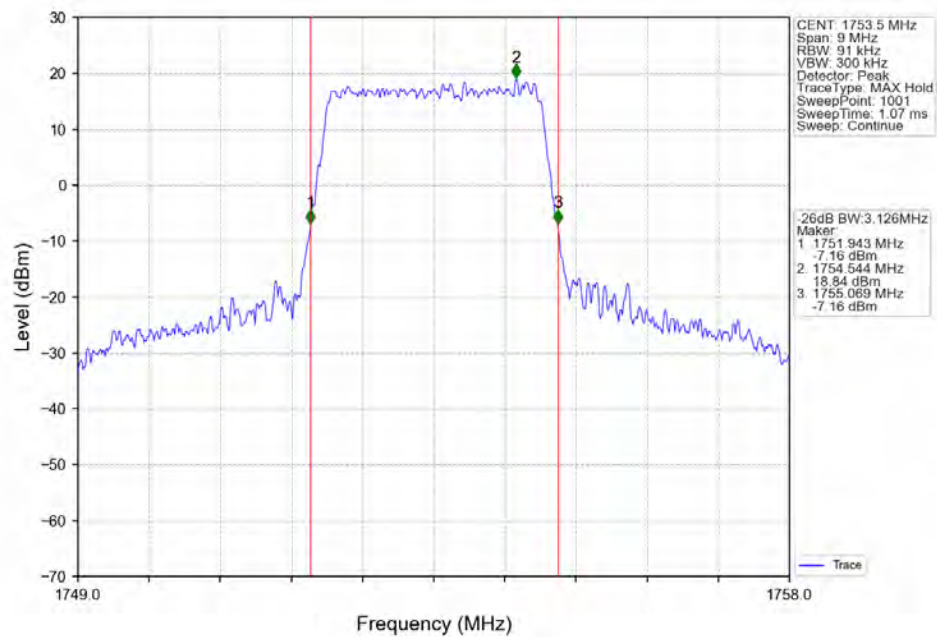
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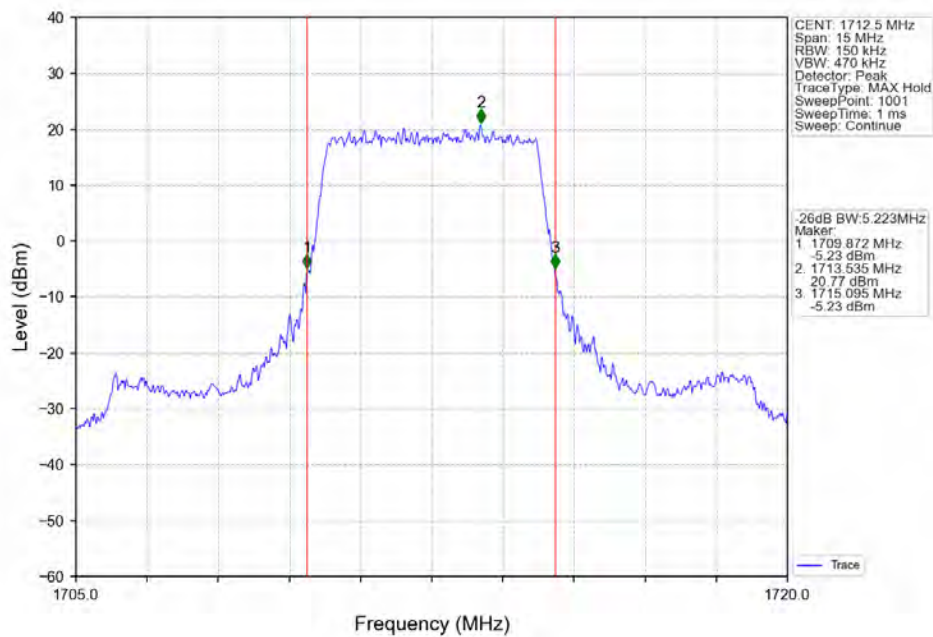
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTNV



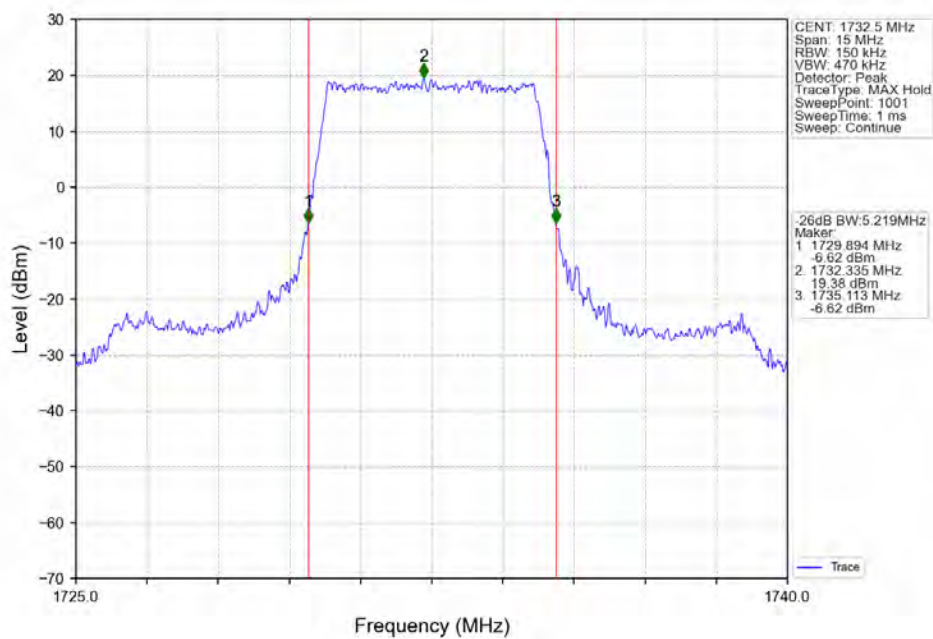
Band4 3MHz 64QAM HCH 1753.5MHz RB 15 0 NTNV



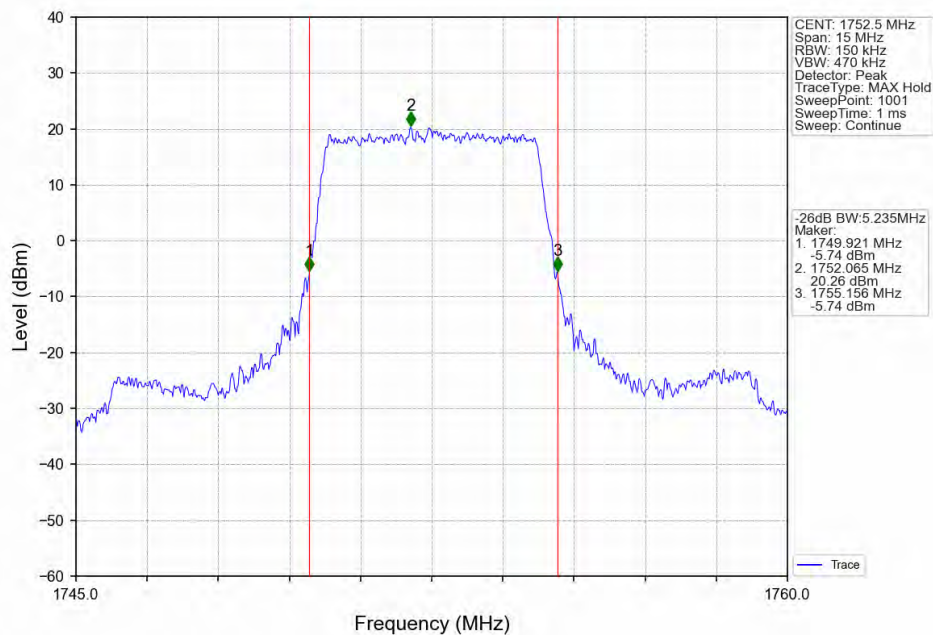
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



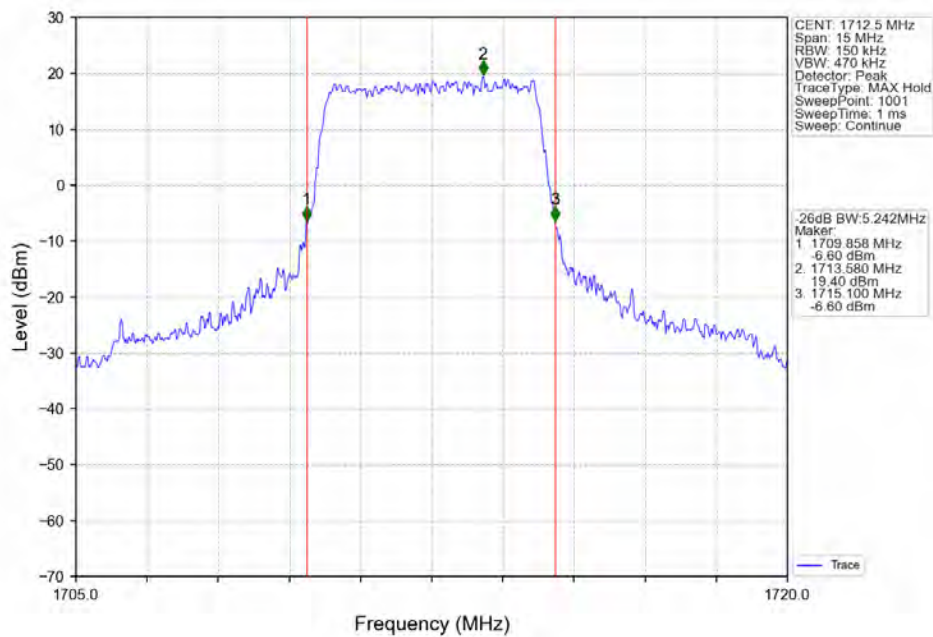
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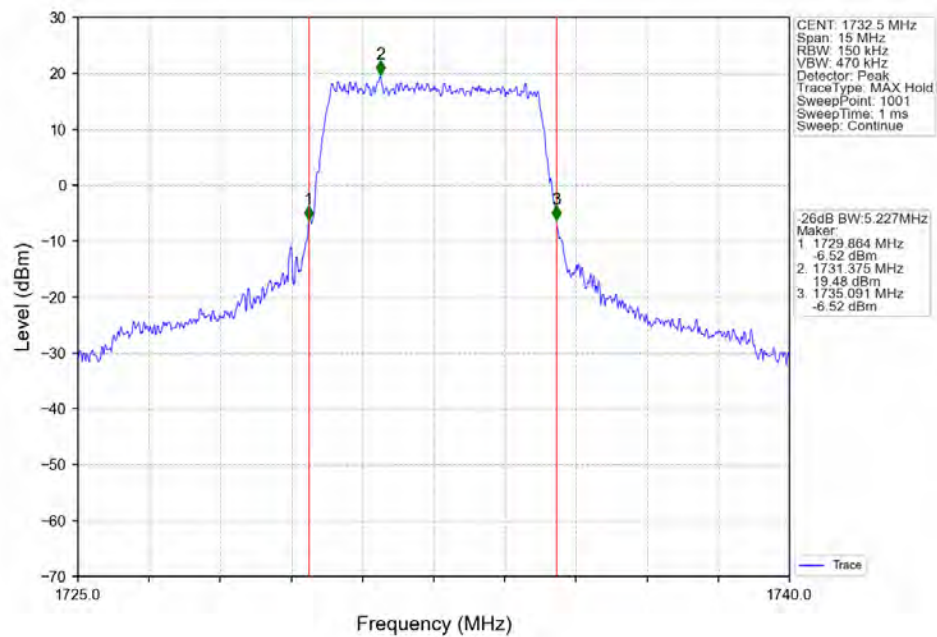
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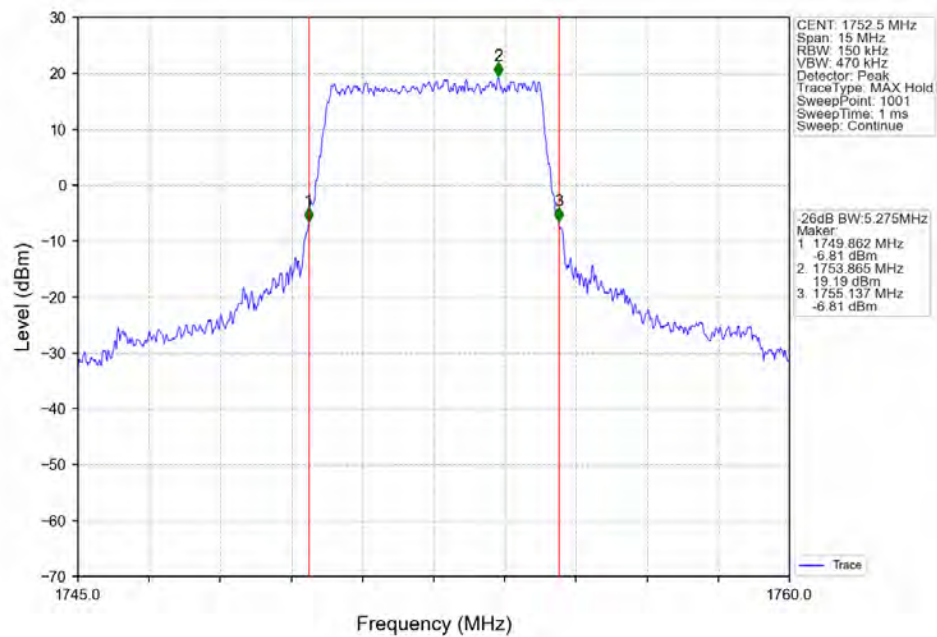
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0 NTN



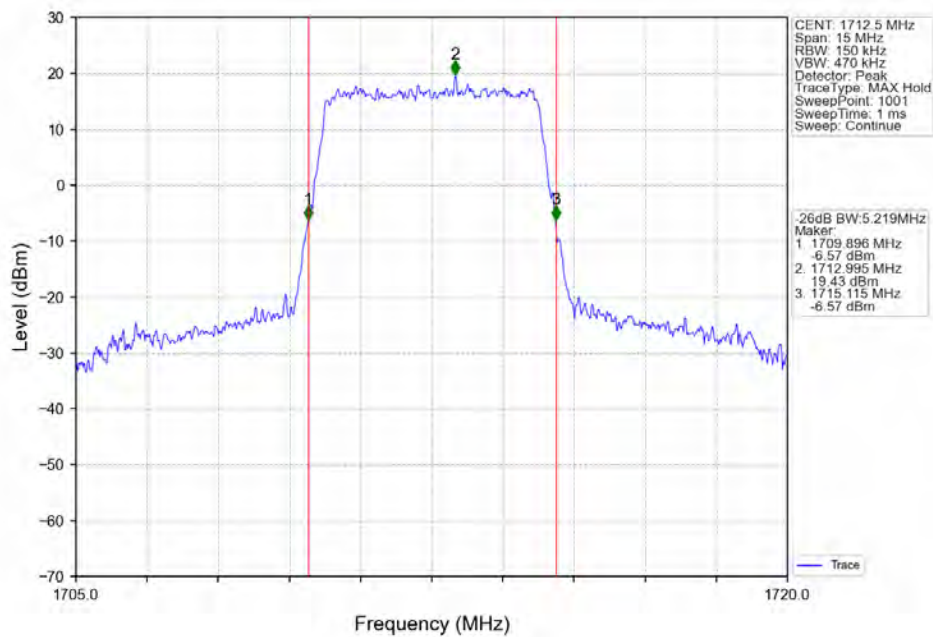
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



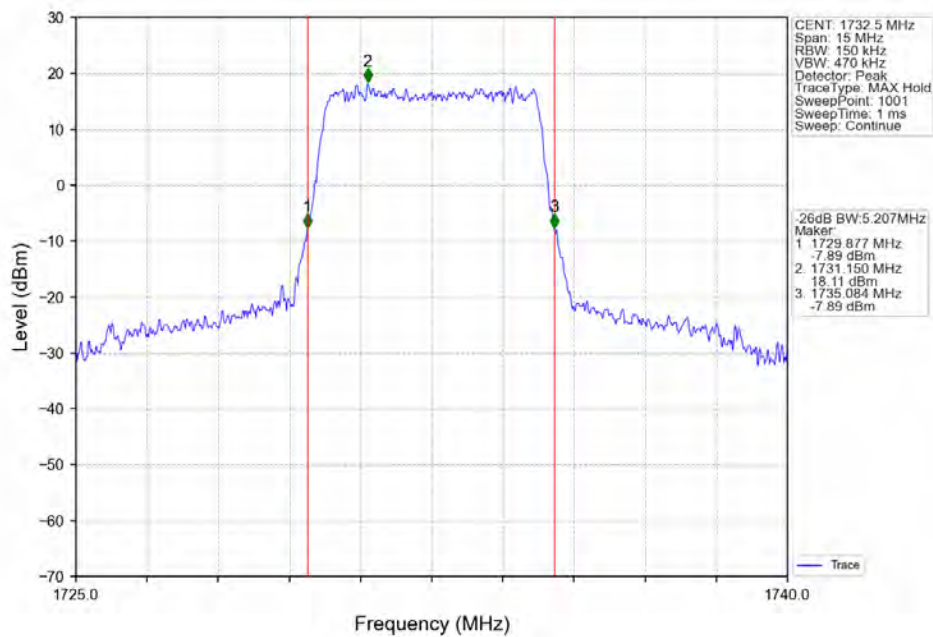
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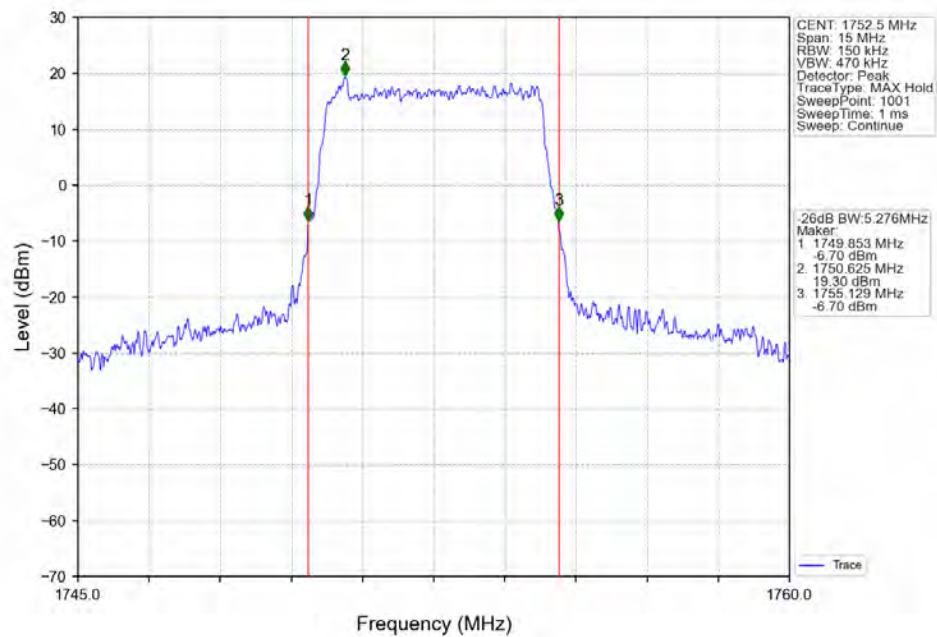
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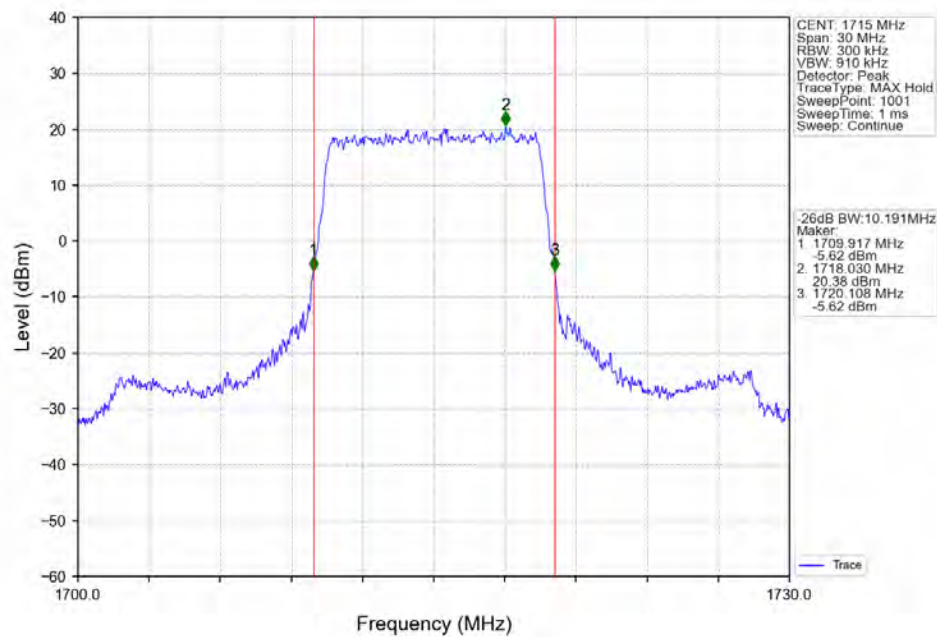
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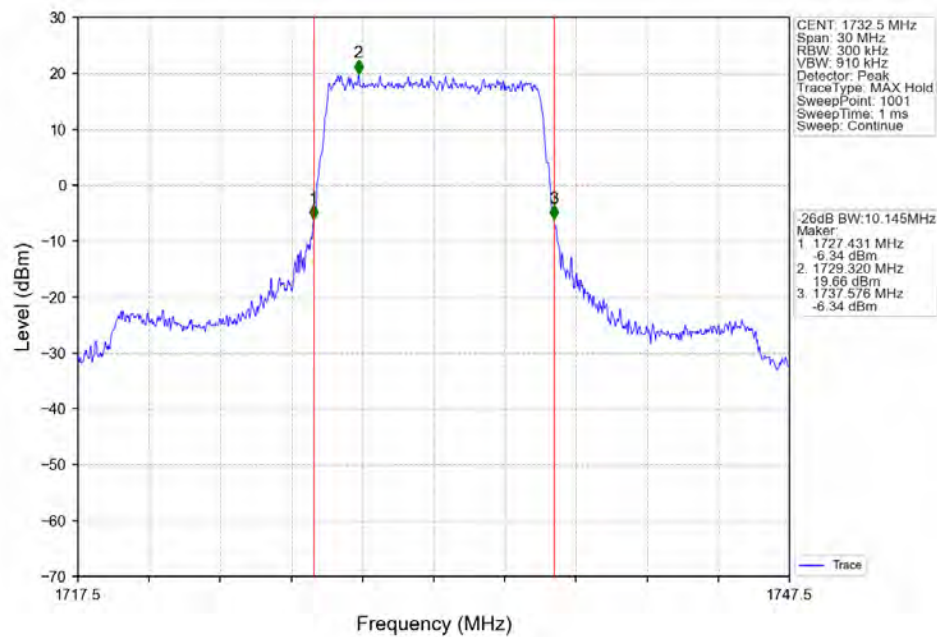
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



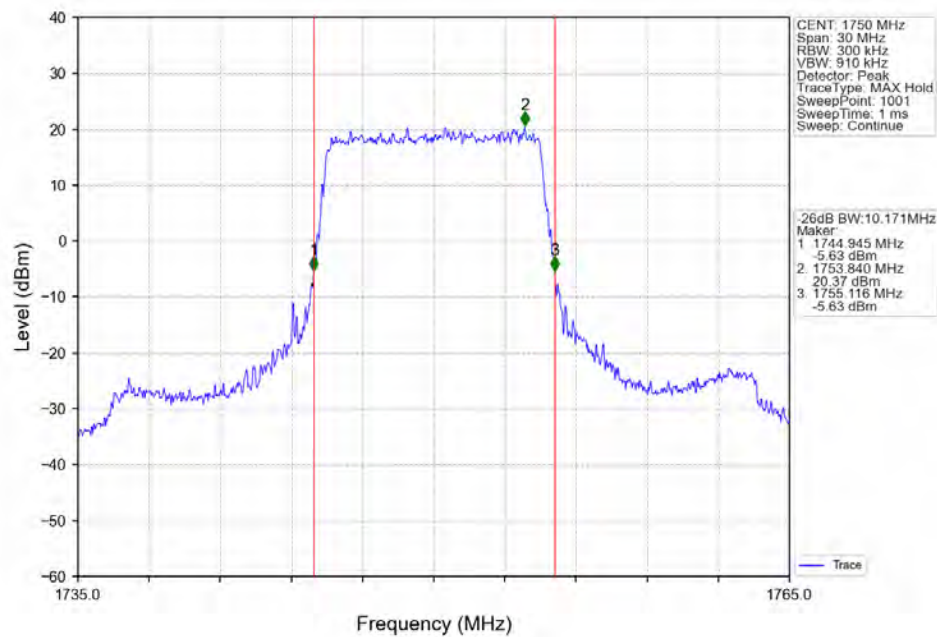
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



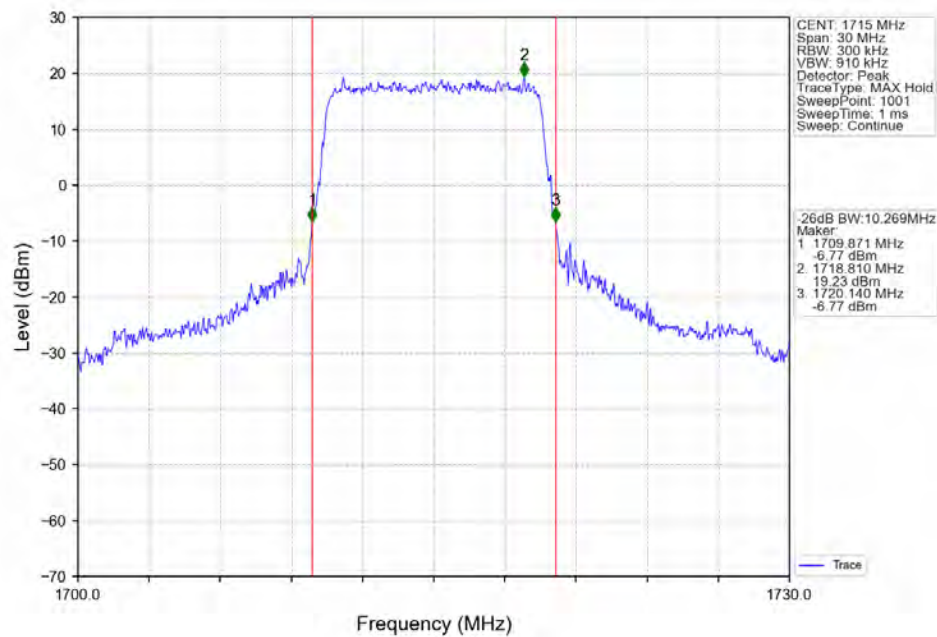
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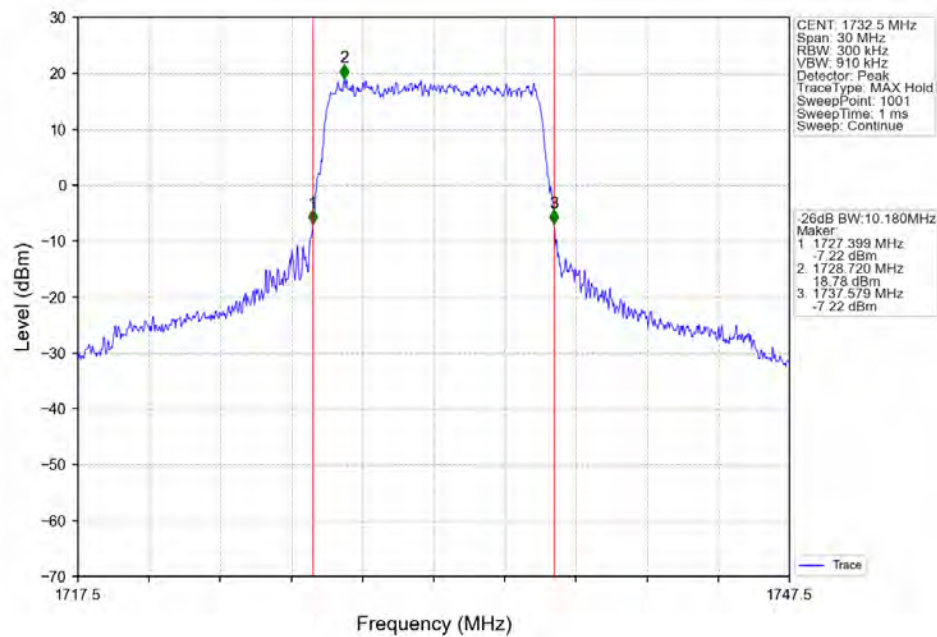
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



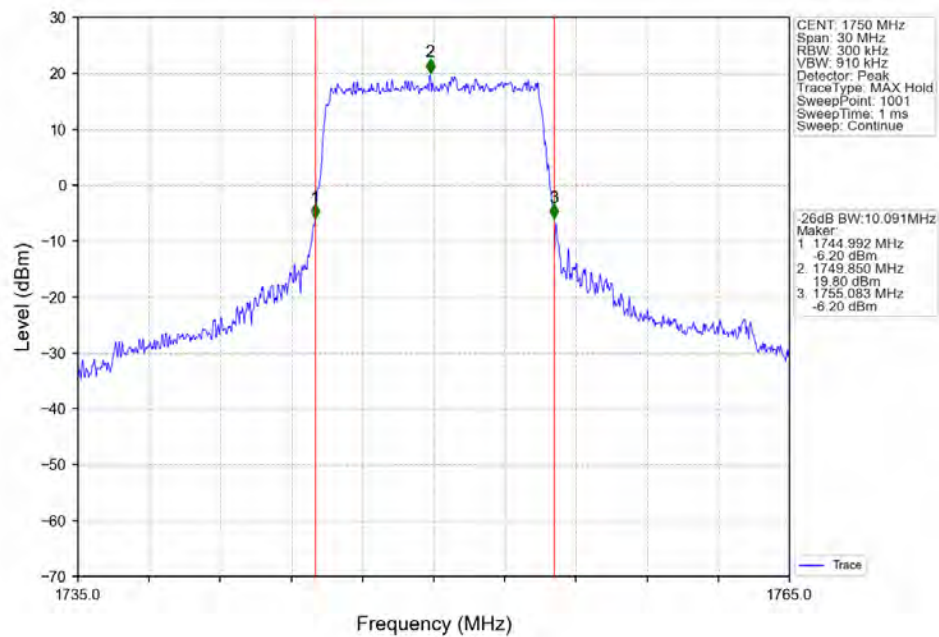
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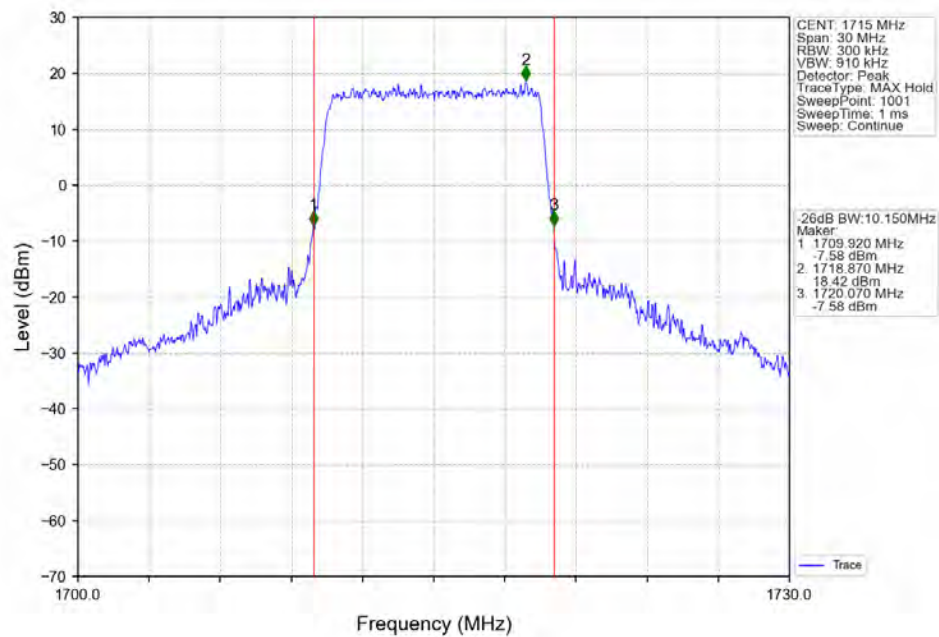
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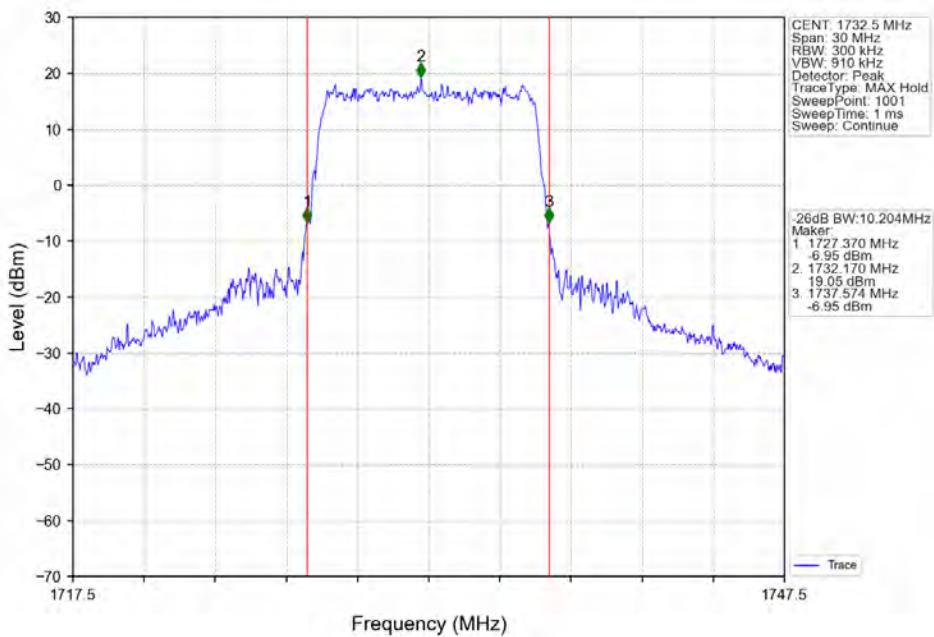
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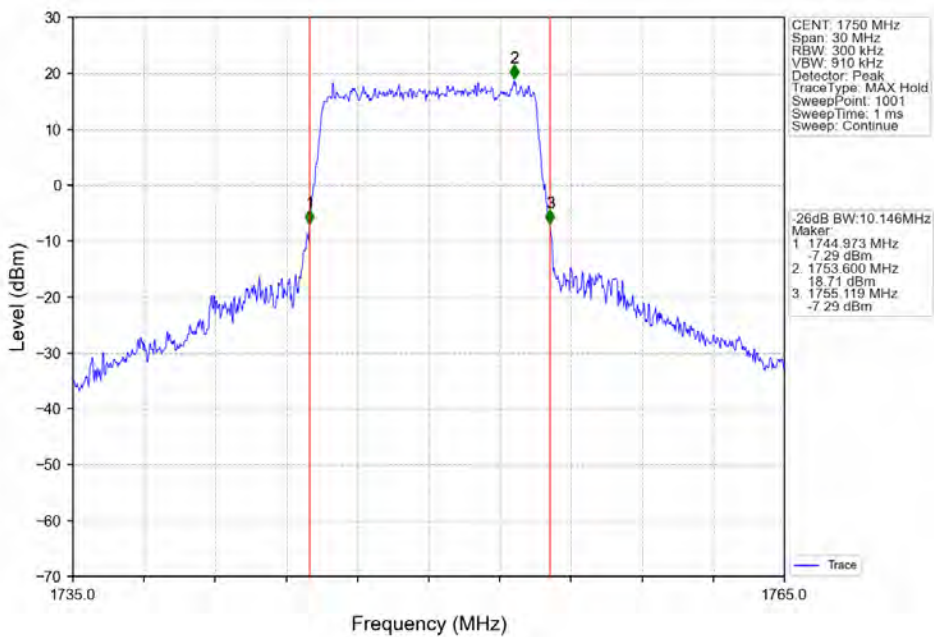
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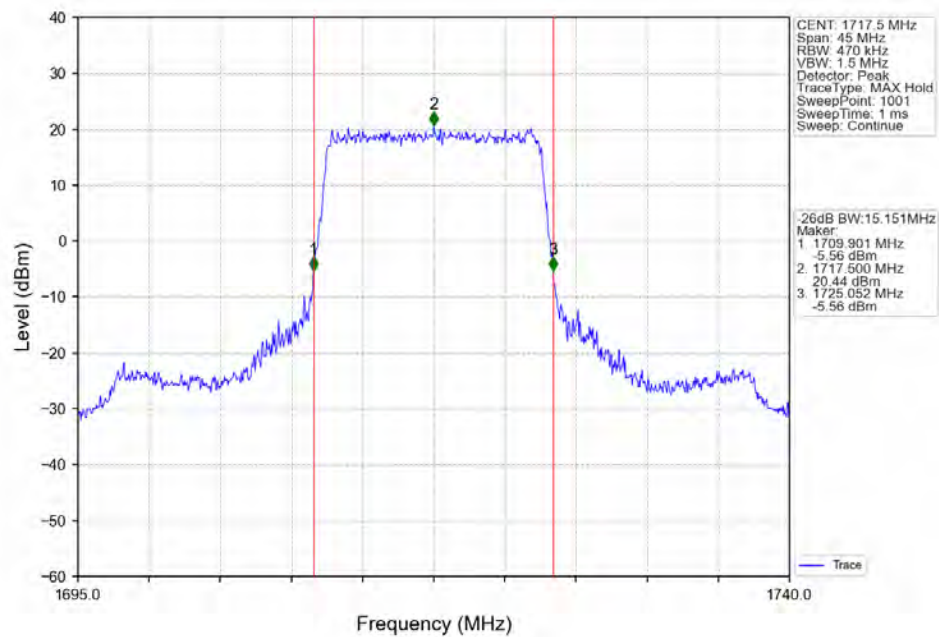
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTN



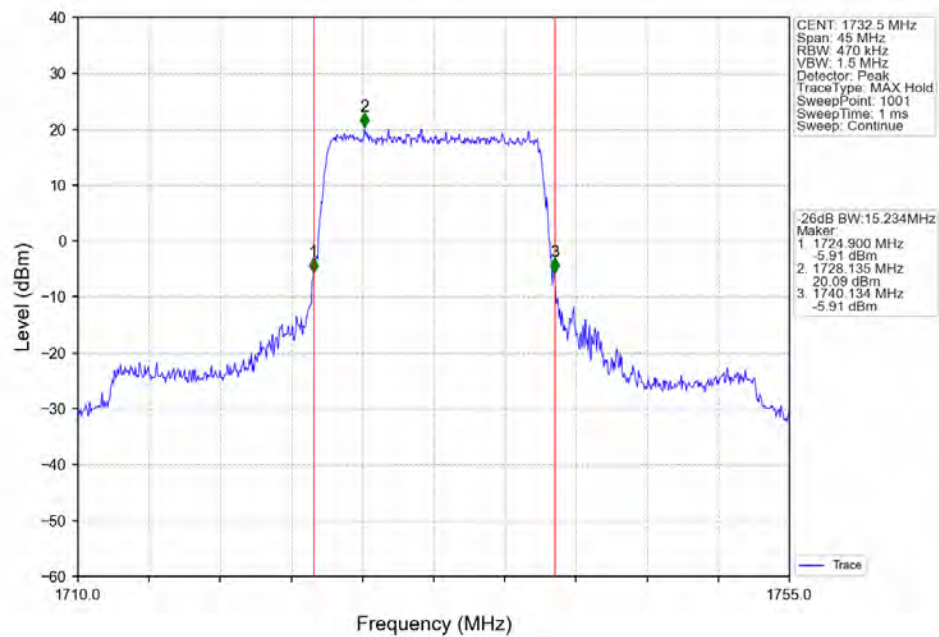
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0 NTN



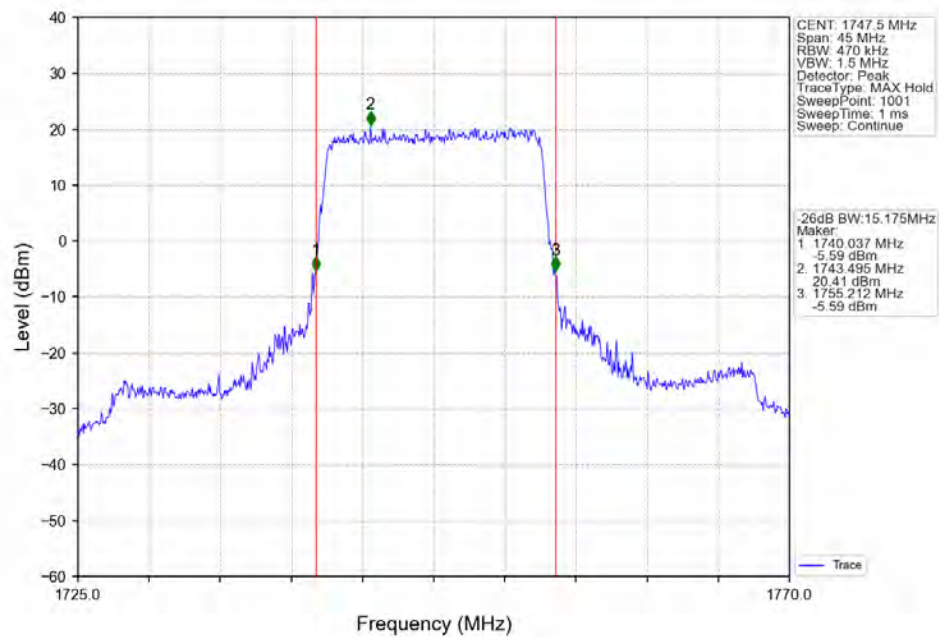
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



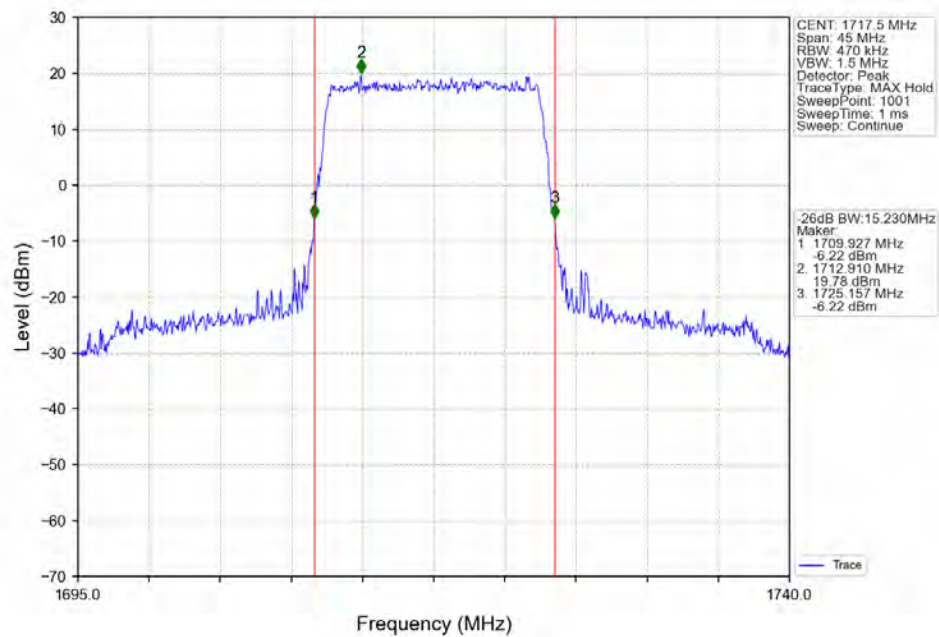
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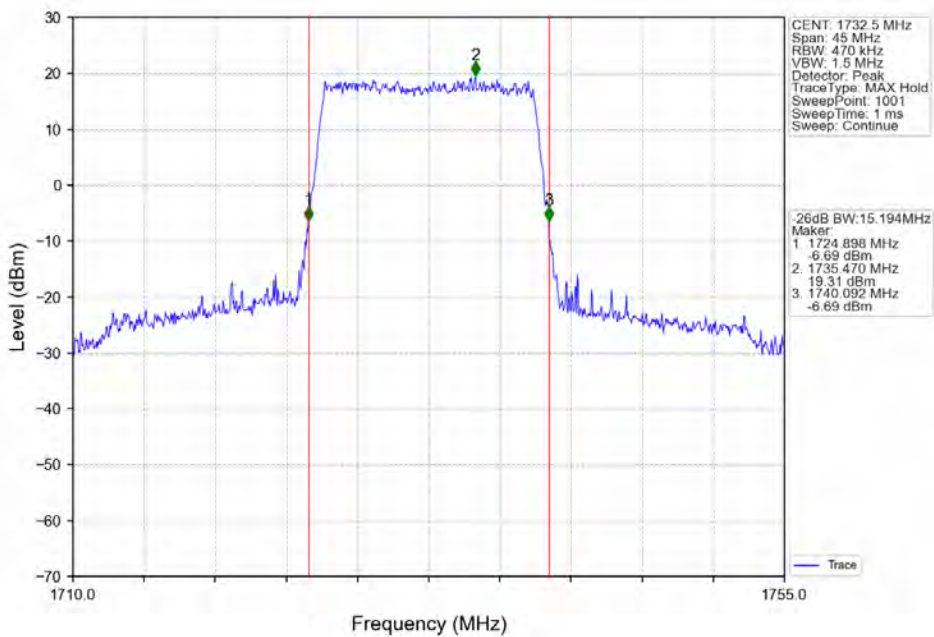
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



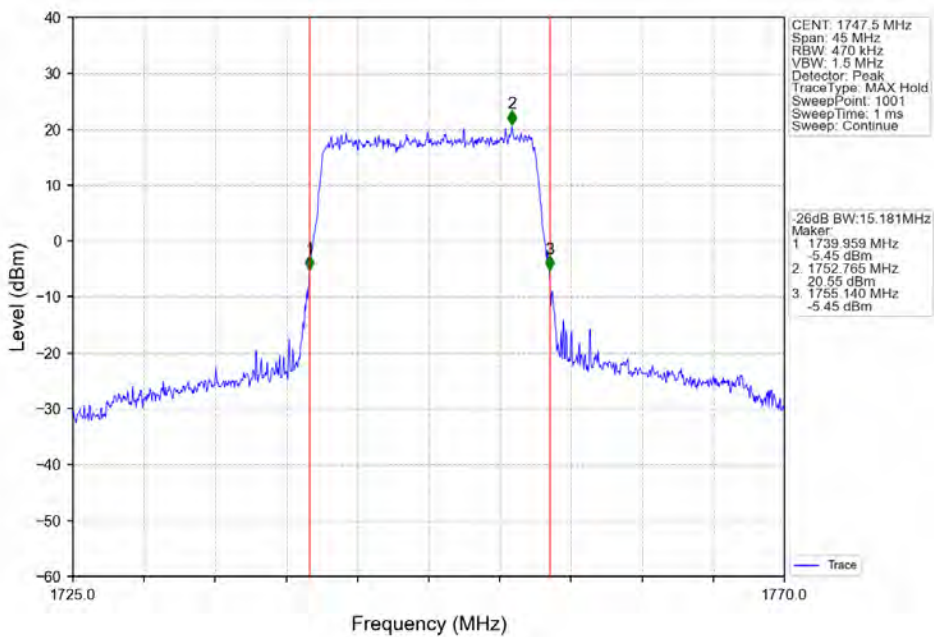
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



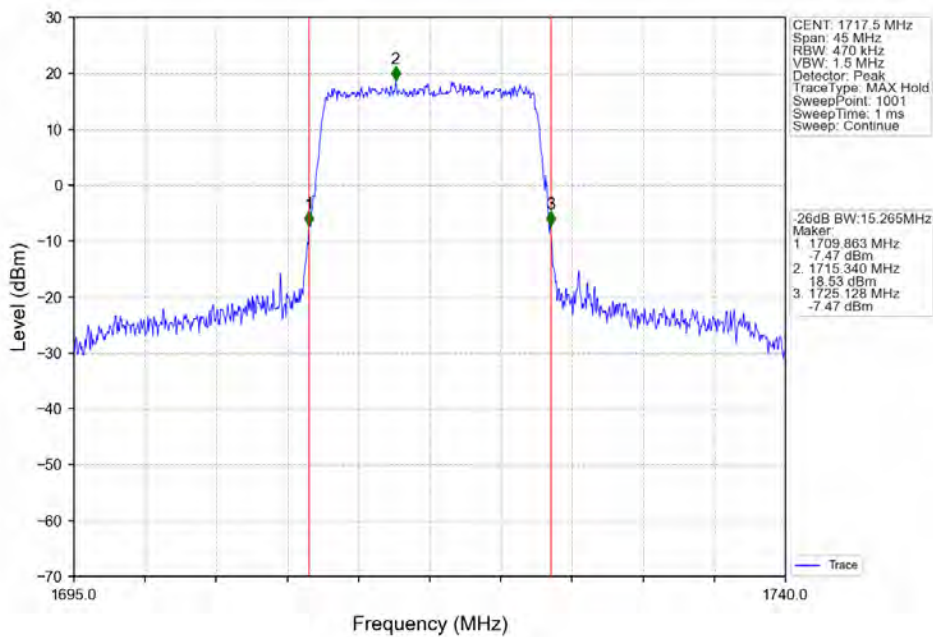
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



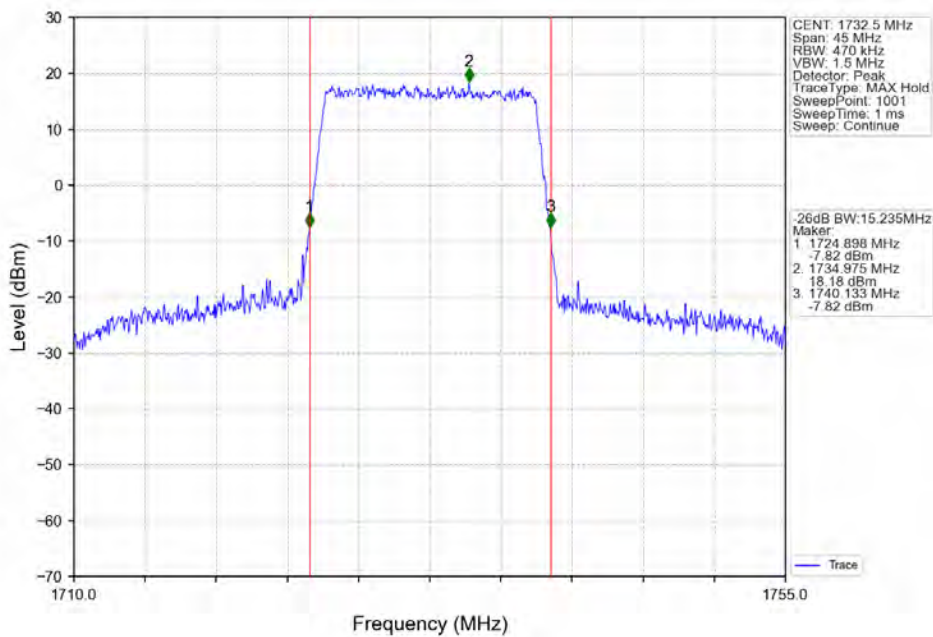
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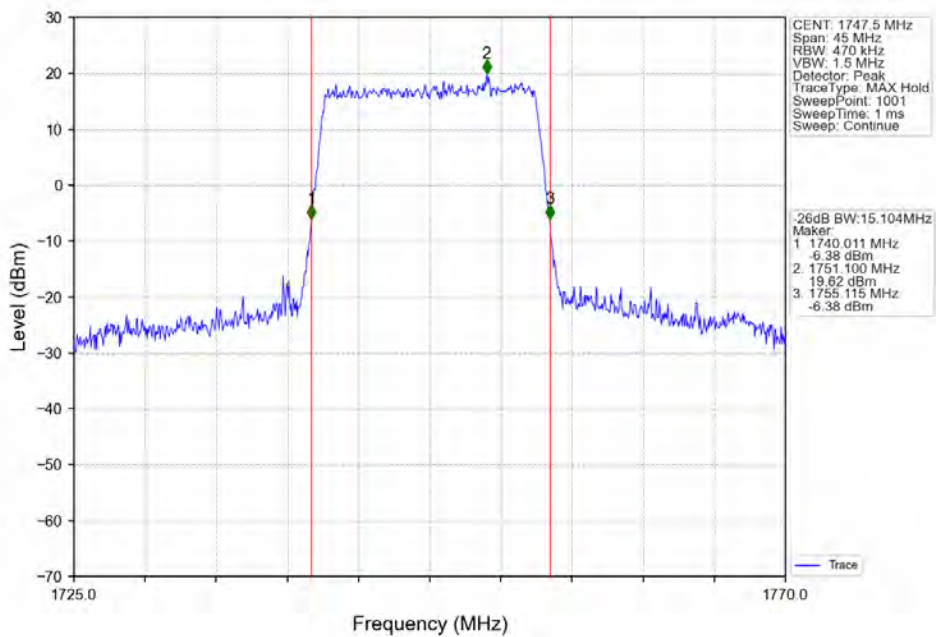
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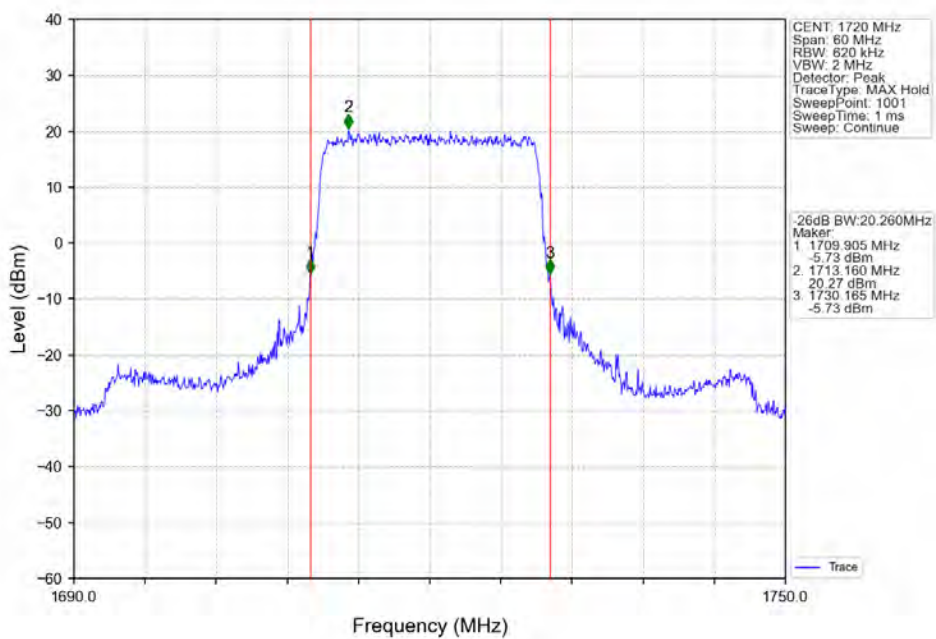
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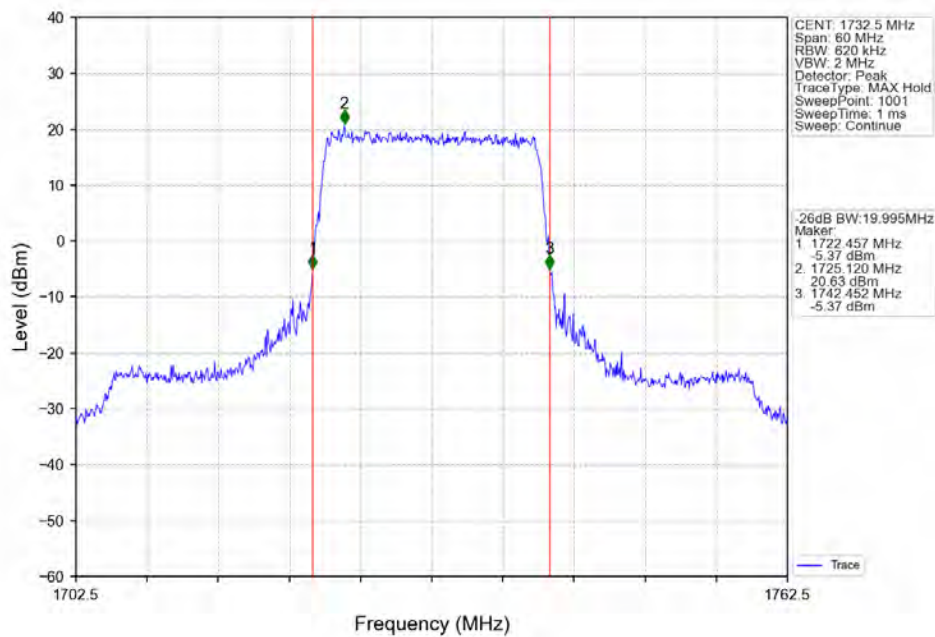
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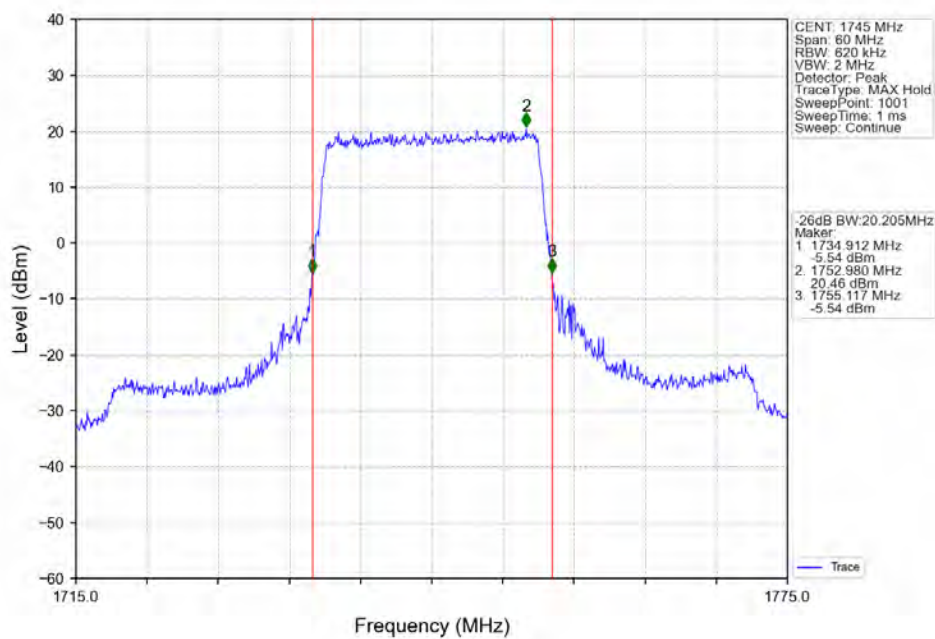
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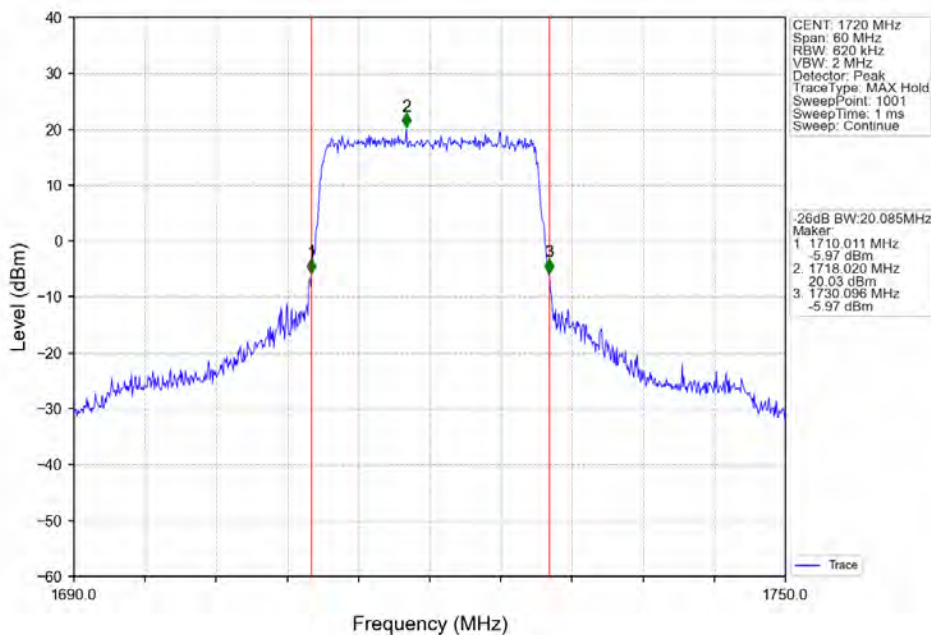
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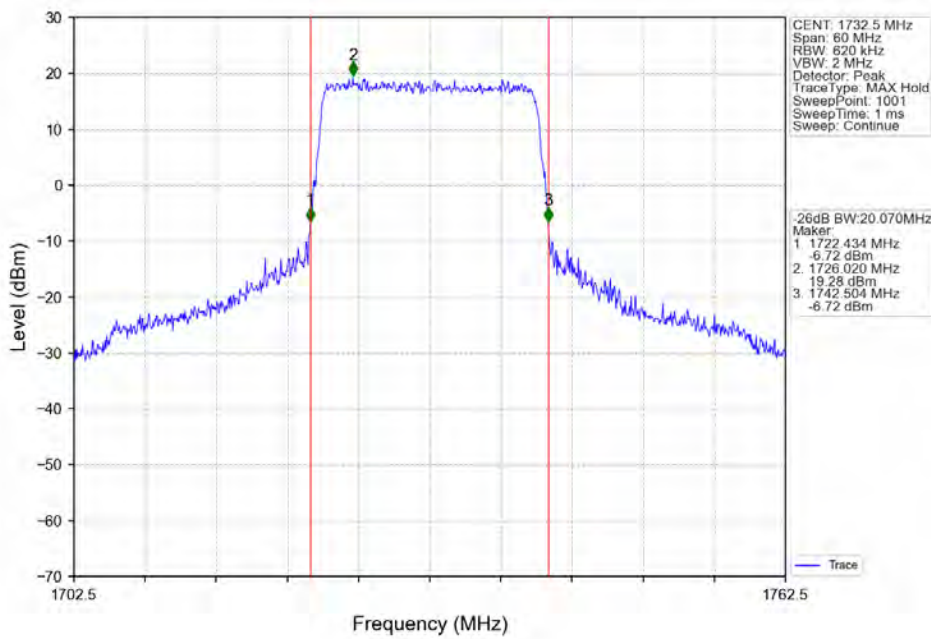
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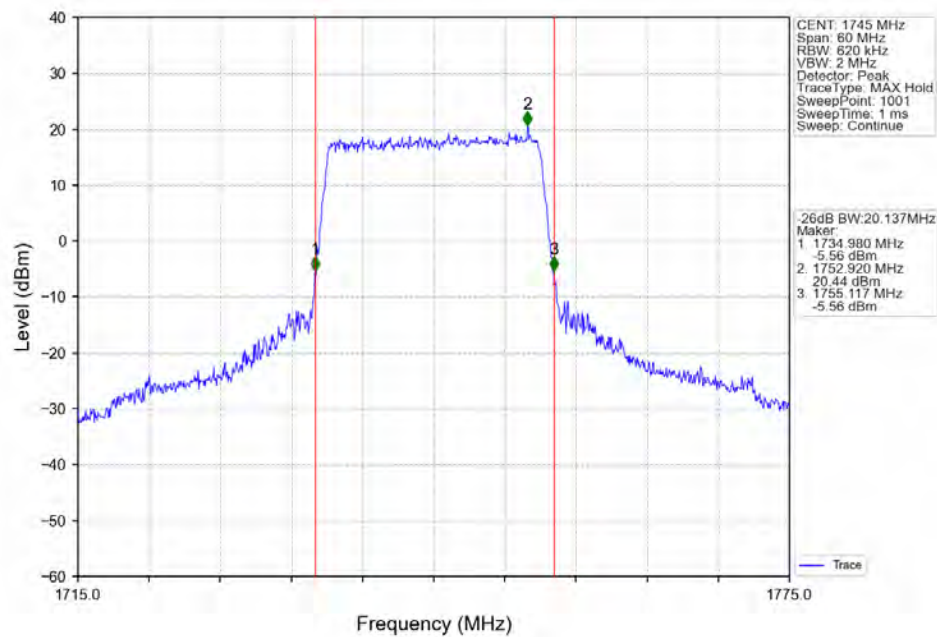
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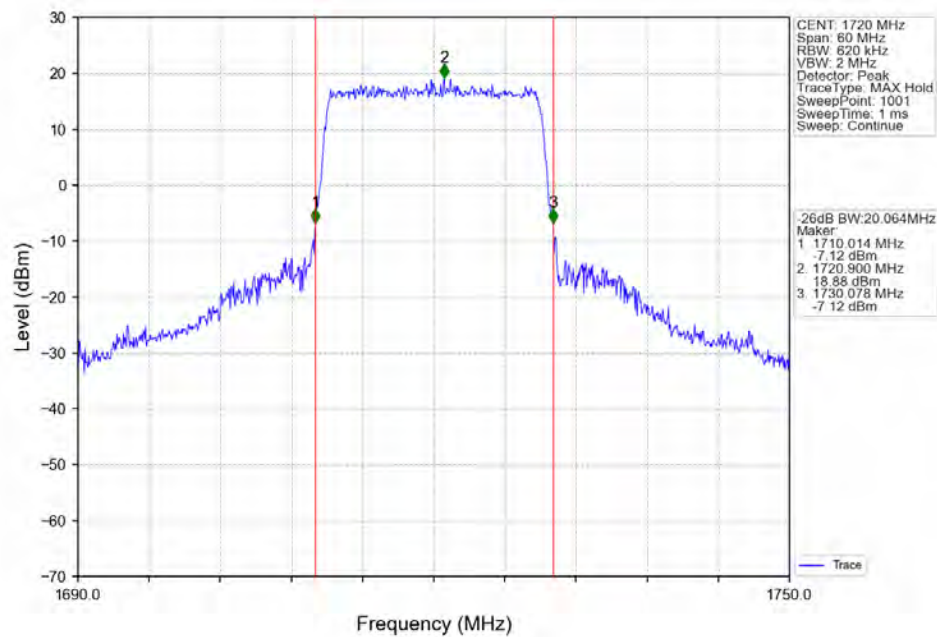
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



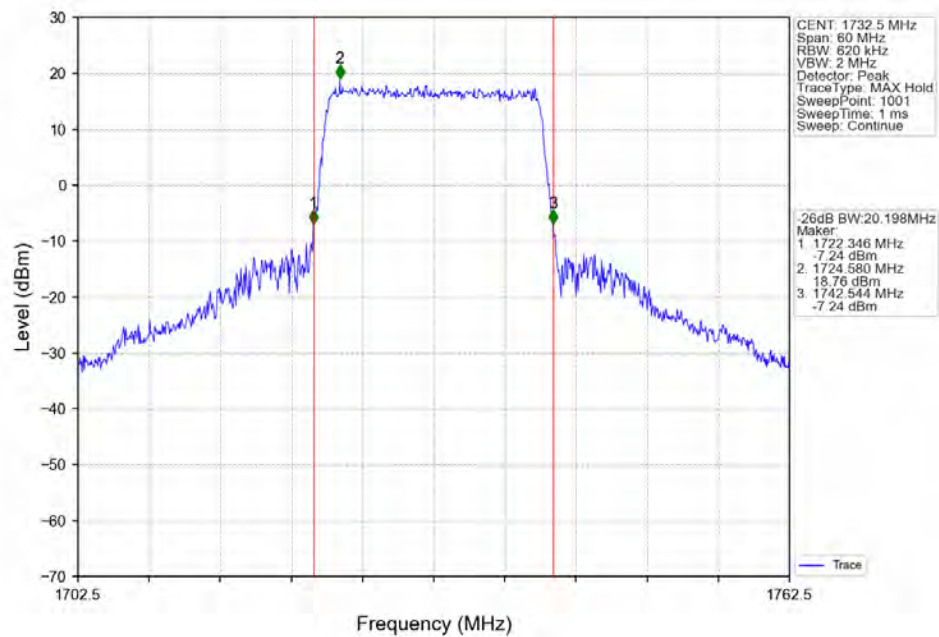
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



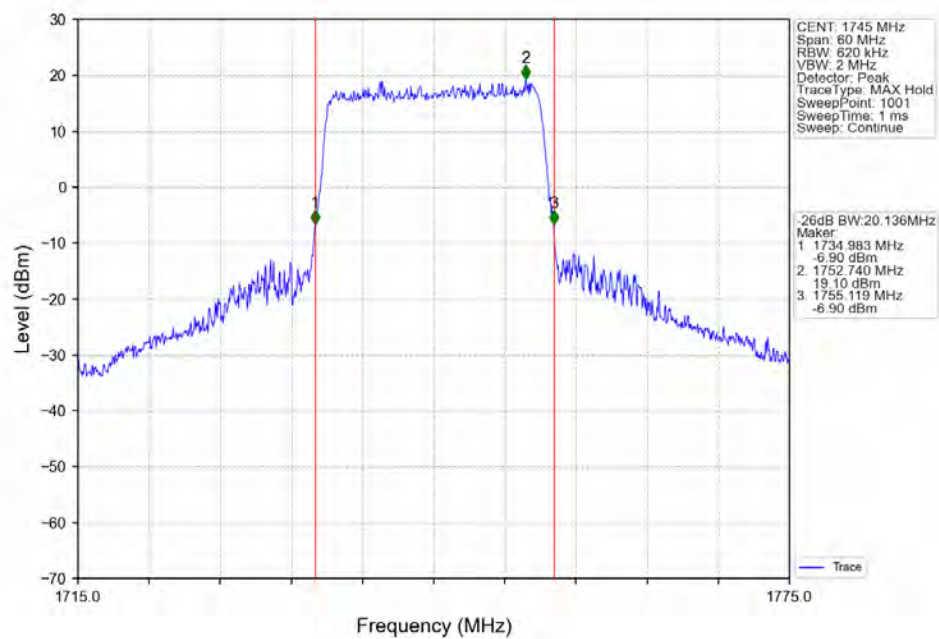
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.62	<=13	Pass
	1732.5	6	0	4.58	<=13	Pass
	1754.3	6	0	4.43	<=13	Pass
16QAM	1710.7	6	0	5.91	<=13	Pass
	1732.5	6	0	5.85	<=13	Pass
	1754.3	6	0	5.65	<=13	Pass
64QAM	1710.7	6	0	6.57	<=13	Pass
	1732.5	6	0	8.55	<=13	Pass
	1754.3	6	0	8.25	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.60	<=13	Pass
	1732.5	15	0	4.60	<=13	Pass
	1753.5	15	0	4.47	<=13	Pass
16QAM	1711.5	15	0	5.94	<=13	Pass
	1732.5	15	0	5.91	<=13	Pass
	1753.5	15	0	5.76	<=13	Pass
64QAM	1711.5	15	0	6.55	<=13	Pass
	1732.5	15	0	6.55	<=13	Pass
	1753.5	15	0	8.44	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.76	<=13	Pass
	1732.5	25	0	4.79	<=13	Pass
	1752.5	25	0	4.71	<=13	Pass
16QAM	1712.5	25	0	5.82	<=13	Pass
	1732.5	25	0	5.86	<=13	Pass
	1752.5	25	0	5.76	<=13	Pass
64QAM	1712.5	25	0	9.08	<=13	Pass
	1732.5	25	0	9.02	<=13	Pass
	1752.5	25	0	8.72	<=13	Pass

4.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.70	<=13	Pass
	1732.5	50	0	4.79	<=13	Pass
	1750	50	0	4.79	<=13	Pass
16QAM	1715	50	0	5.78	<=13	Pass
	1732.5	50	0	5.88	<=13	Pass
	1750	50	0	5.87	<=13	Pass
64QAM	1715	50	0	9.01	<=13	Pass
	1732.5	50	0	6.53	<=13	Pass
	1750	50	0	6.54	<=13	Pass

4.1.5 B4_15MHz

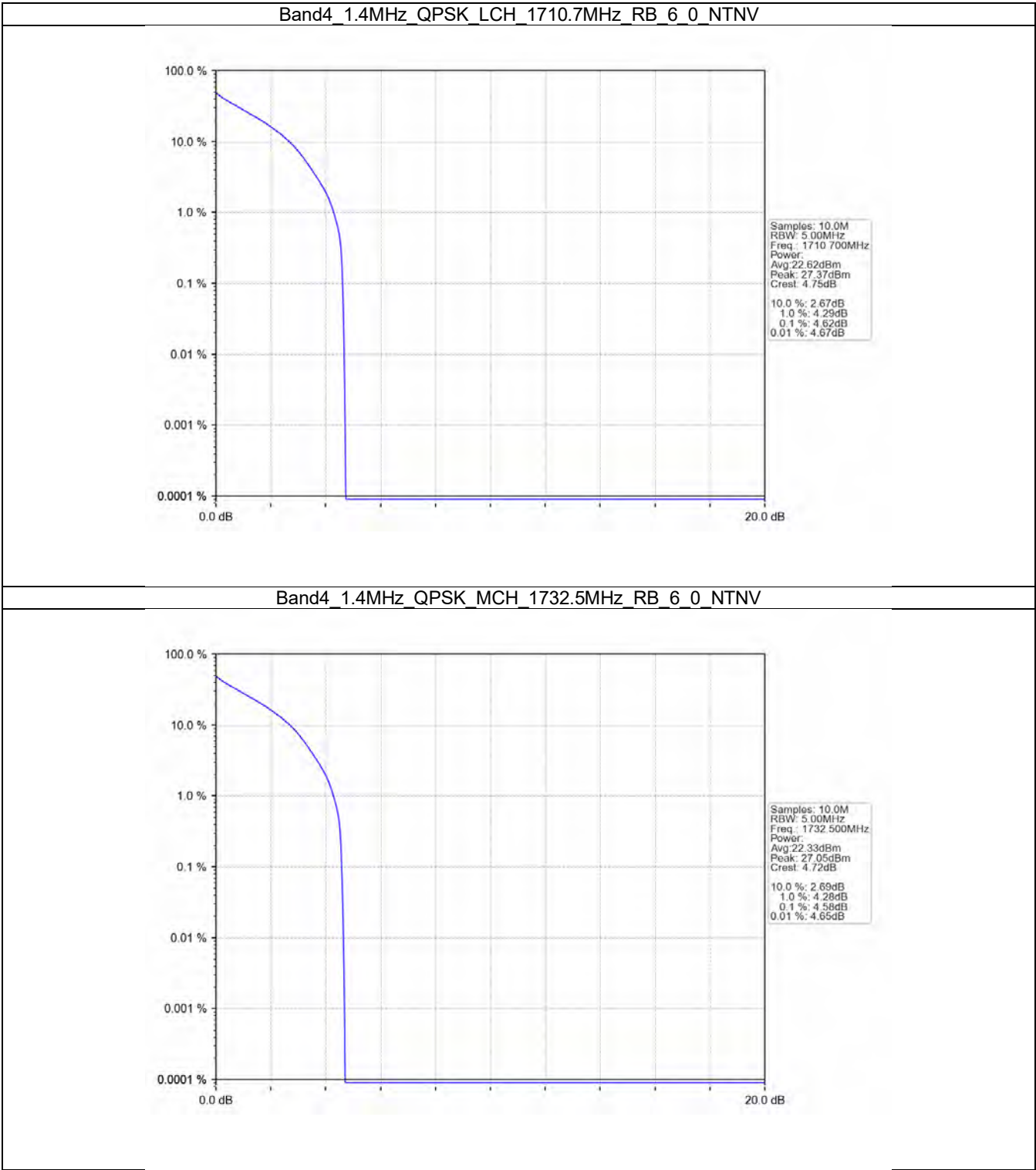
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.65	<=13	Pass
	1732.5	75	0	4.81	<=13	Pass
	1747.5	75	0	4.86	<=13	Pass
16QAM	1717.5	75	0	5.86	<=13	Pass
	1732.5	75	0	6.04	<=13	Pass
	1747.5	75	0	6.10	<=13	Pass
64QAM	1717.5	75	0	6.45	<=13	Pass
	1732.5	75	0	6.59	<=13	Pass
	1747.5	75	0	8.43	<=13	Pass

4.1.6 B4_20MHz

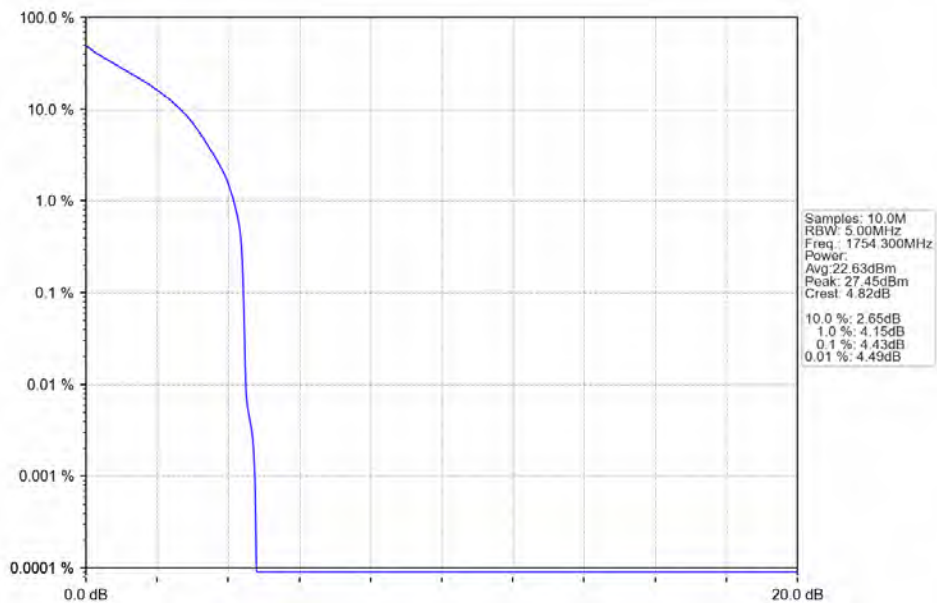
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.67	<=13	Pass
	1732.5	100	0	4.79	<=13	Pass
	1745	100	0	4.86	<=13	Pass
16QAM	1720	100	0	5.73	<=13	Pass
	1732.5	100	0	5.86	<=13	Pass
	1745	100	0	5.95	<=13	Pass
64QAM	1720	100	0	8.02	<=13	Pass
	1732.5	100	0	8.13	<=13	Pass
	1745	100	0	8.14	<=13	Pass

4.2 Test Graph

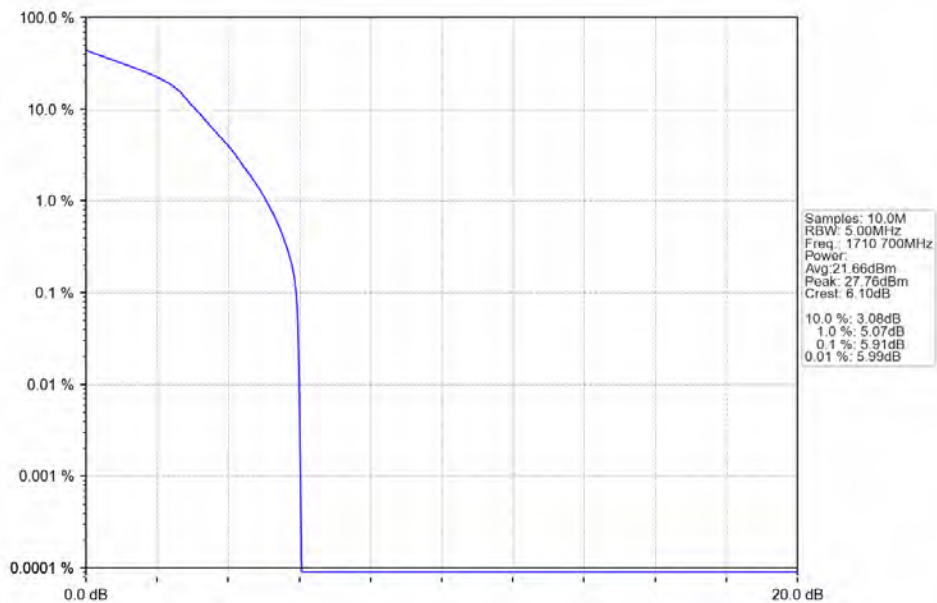
4.2.1 B4_1.4MHz



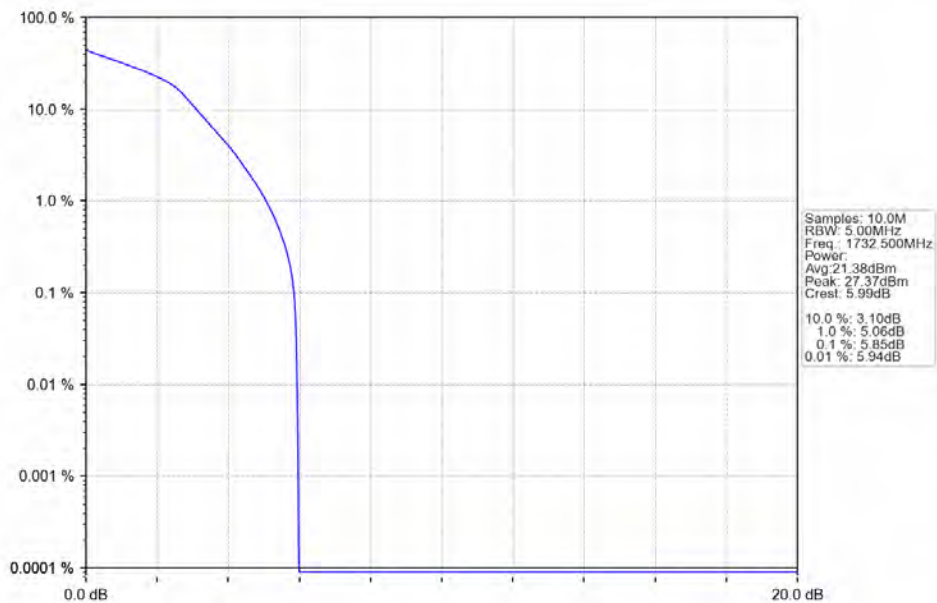
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



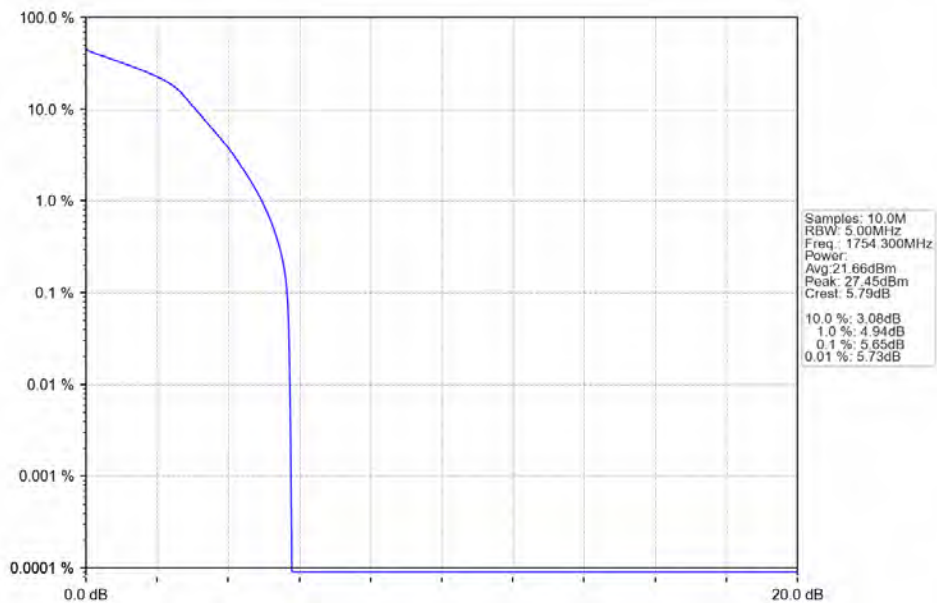
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



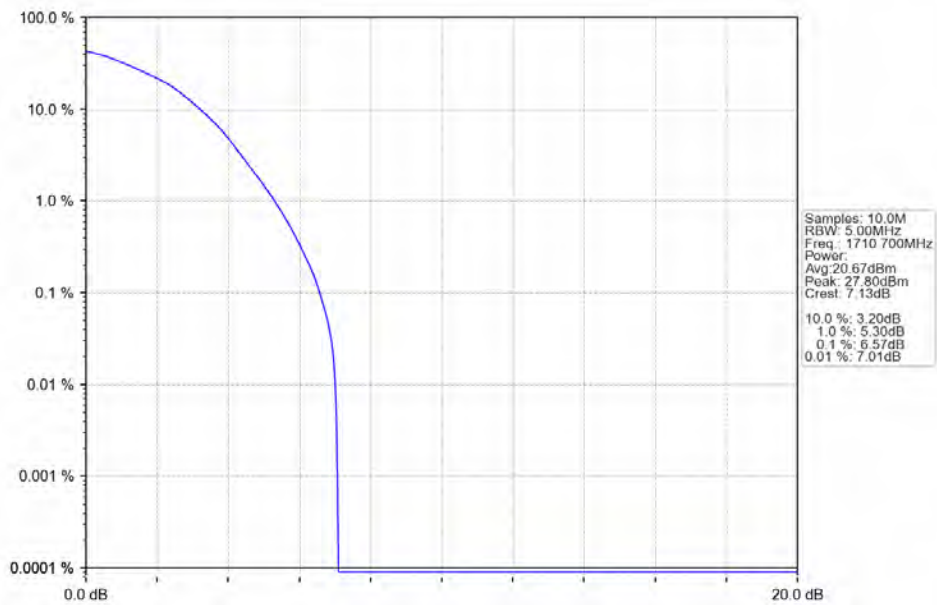
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



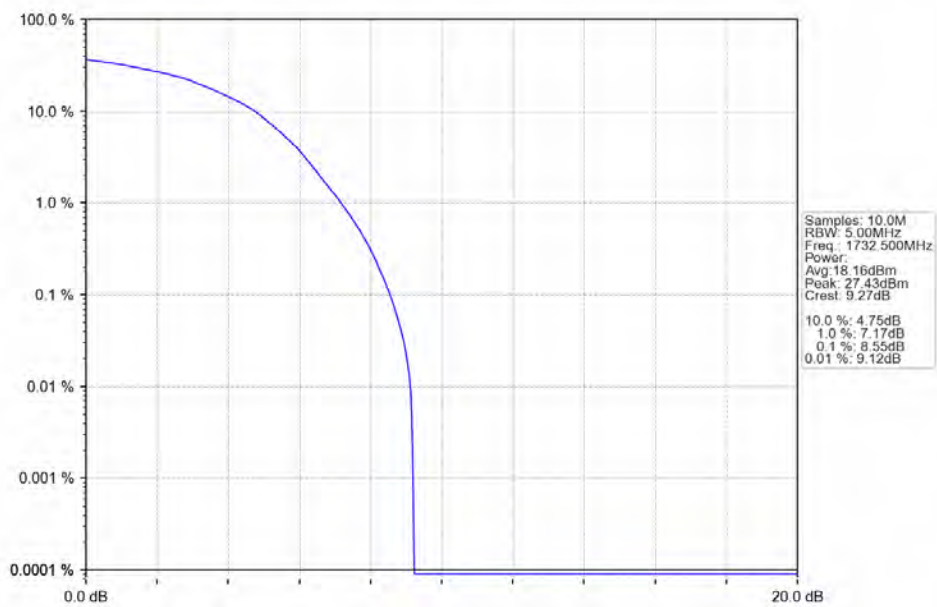
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV

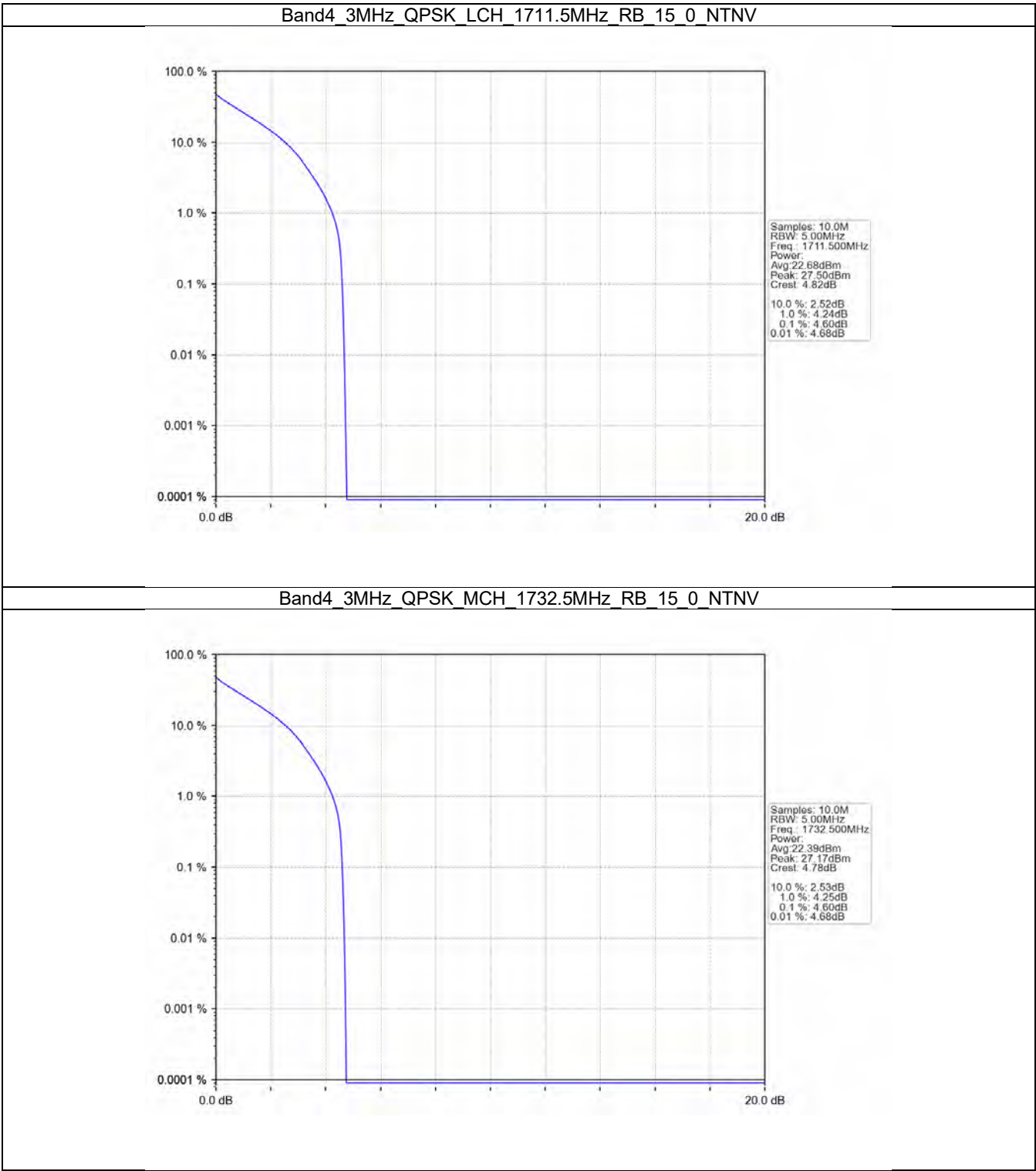


Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV

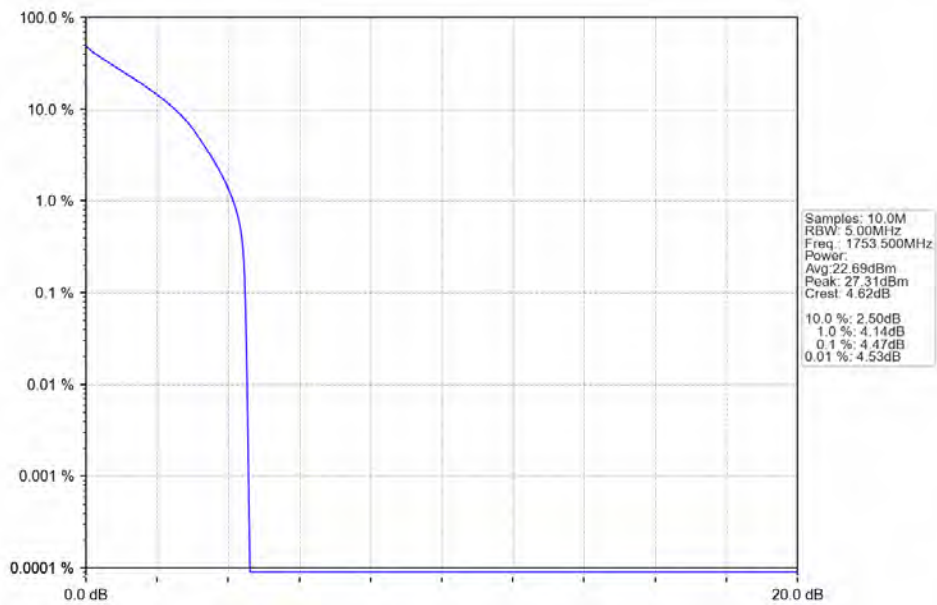




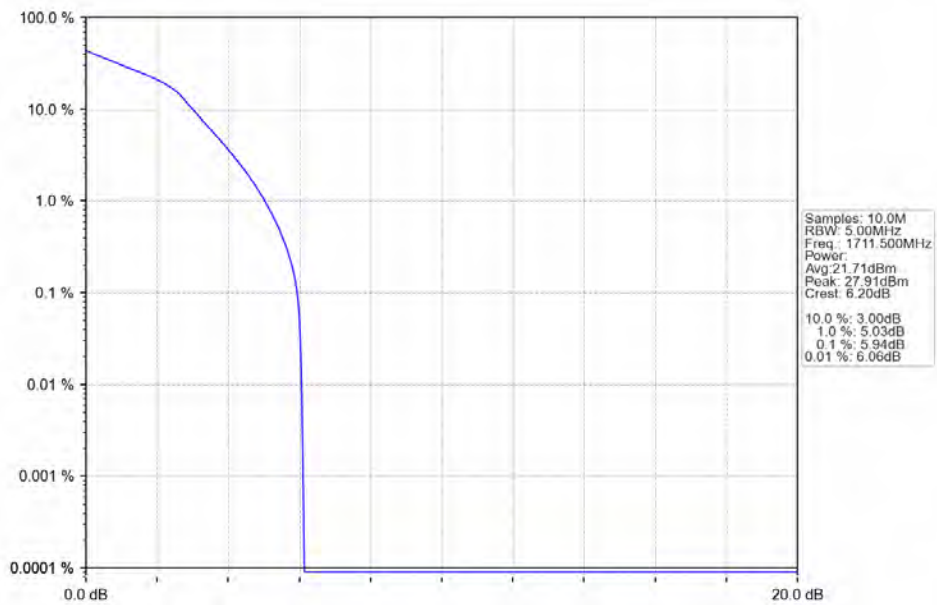
4.2.2 B4_3MHz



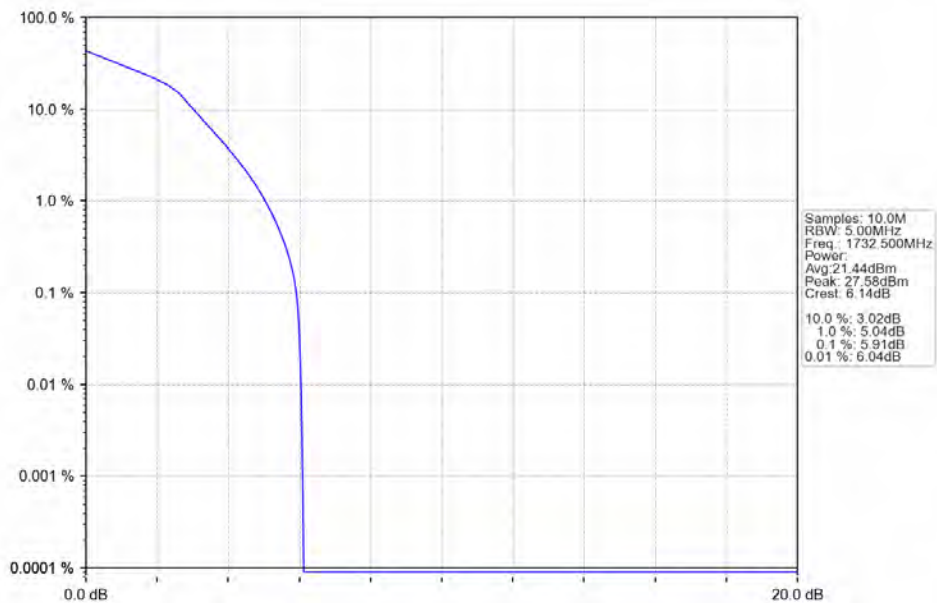
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



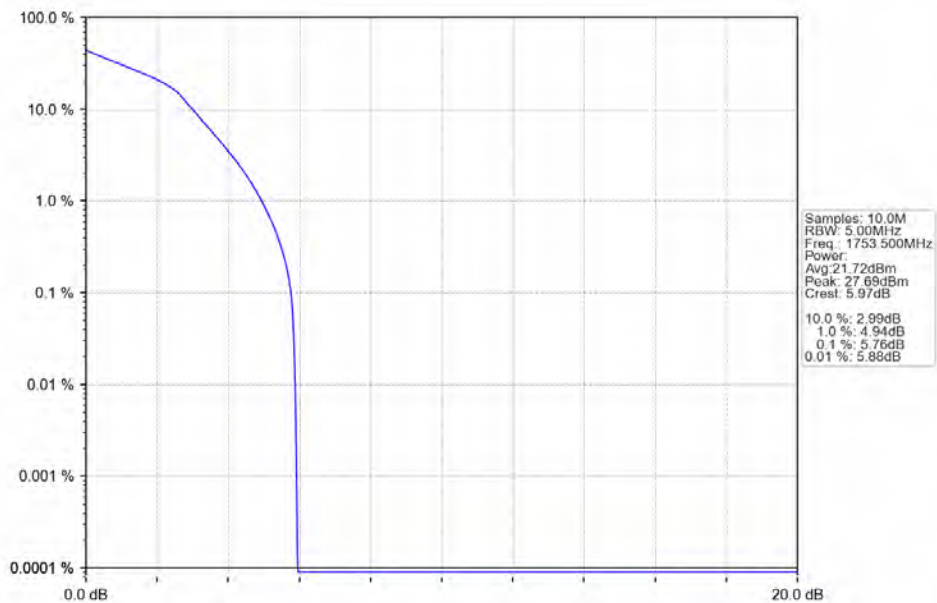
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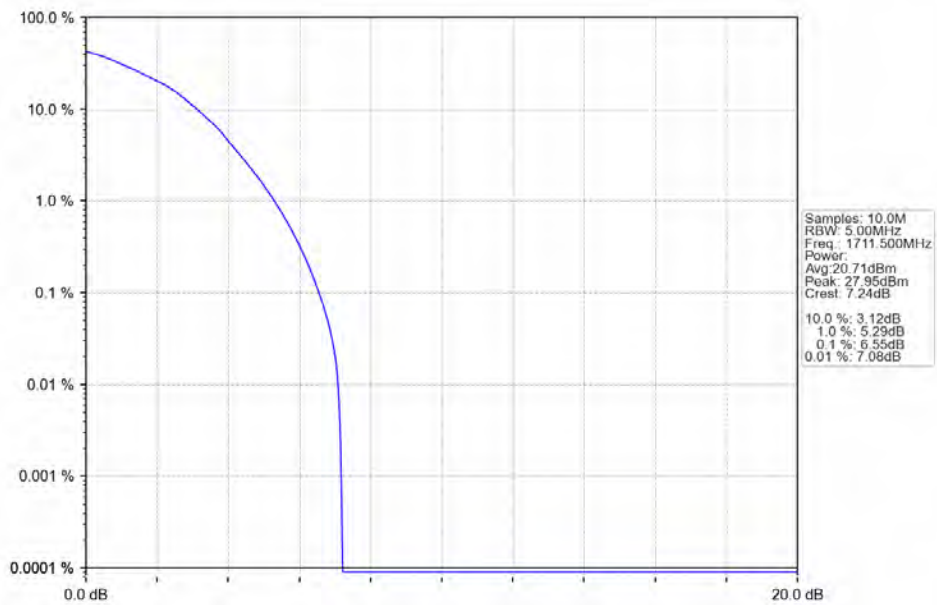
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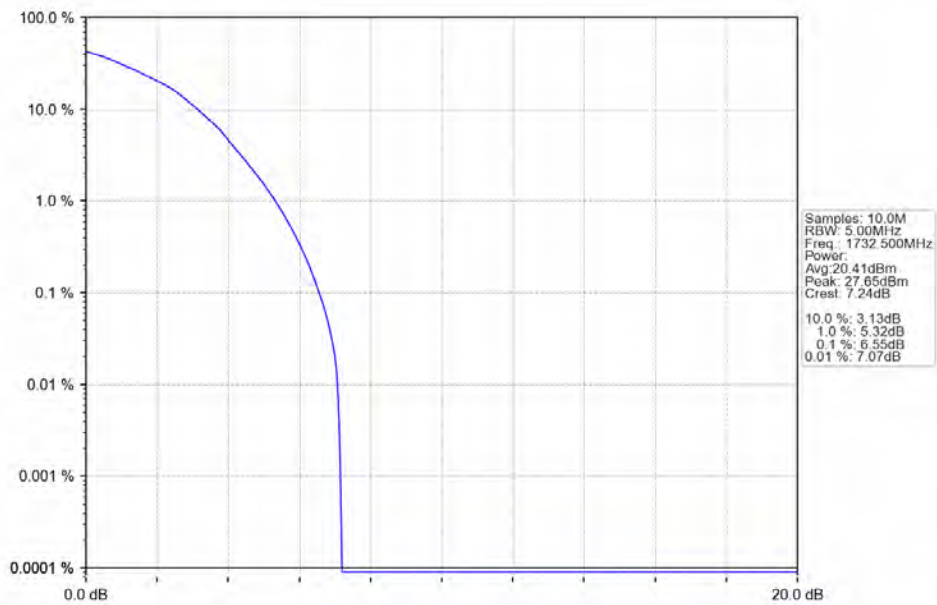
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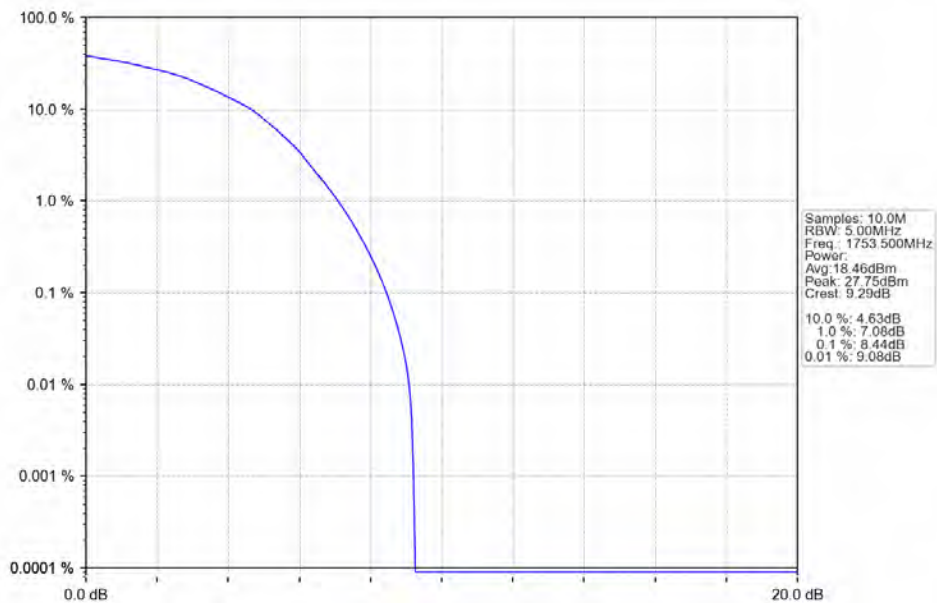
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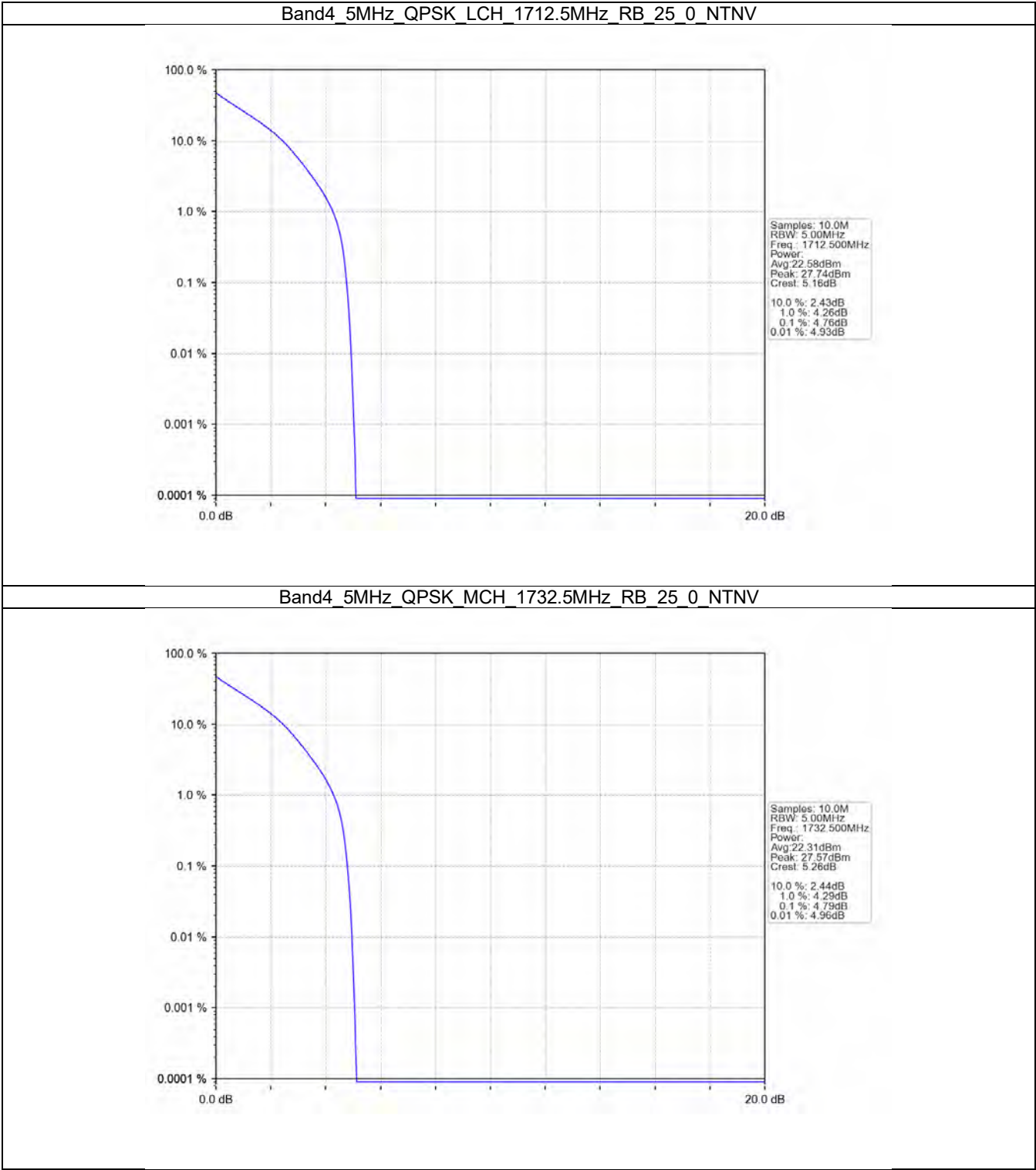
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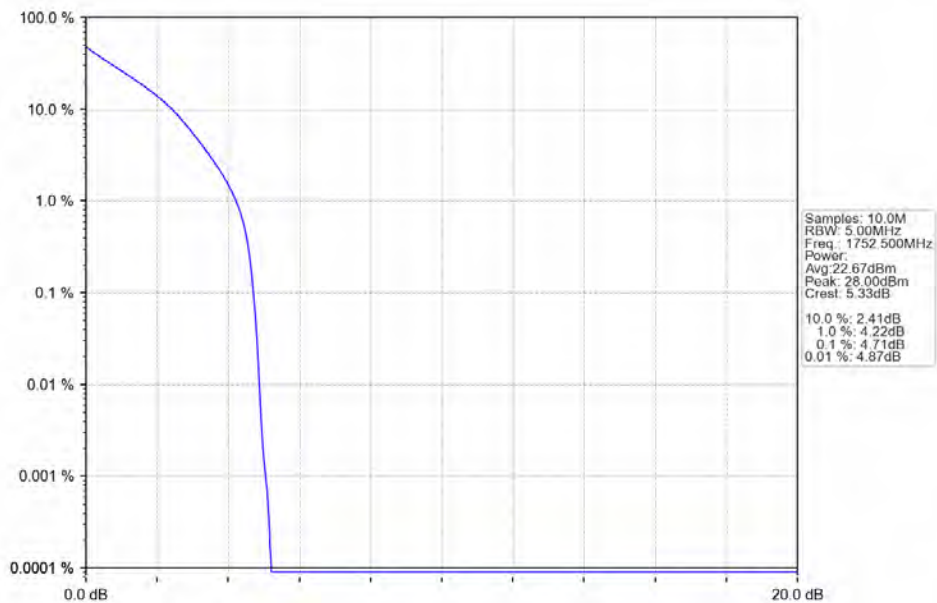
Band4 3MHz 64QAM HCH 1753.5MHz RB 15 0 NTV



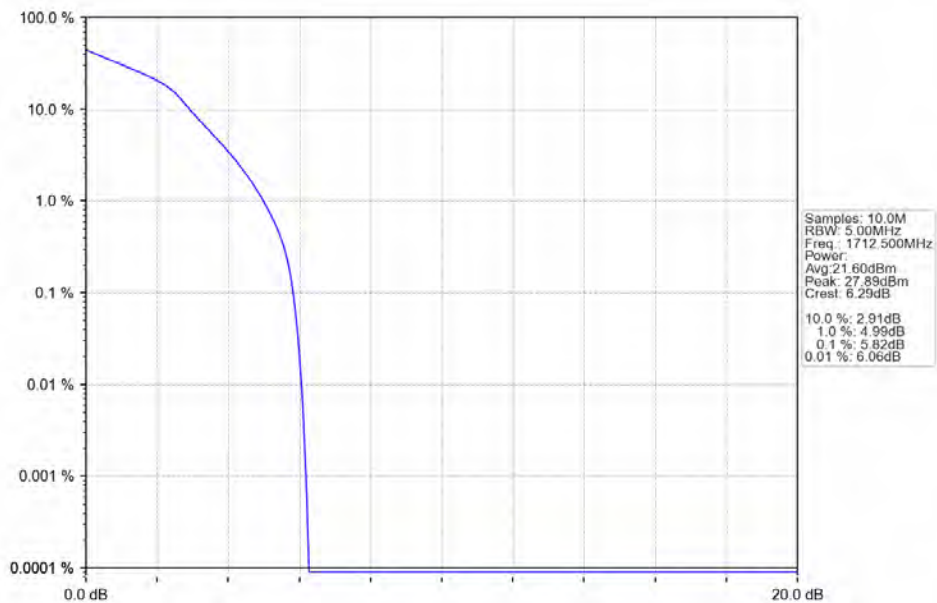
4.2.3 B4_5MHz



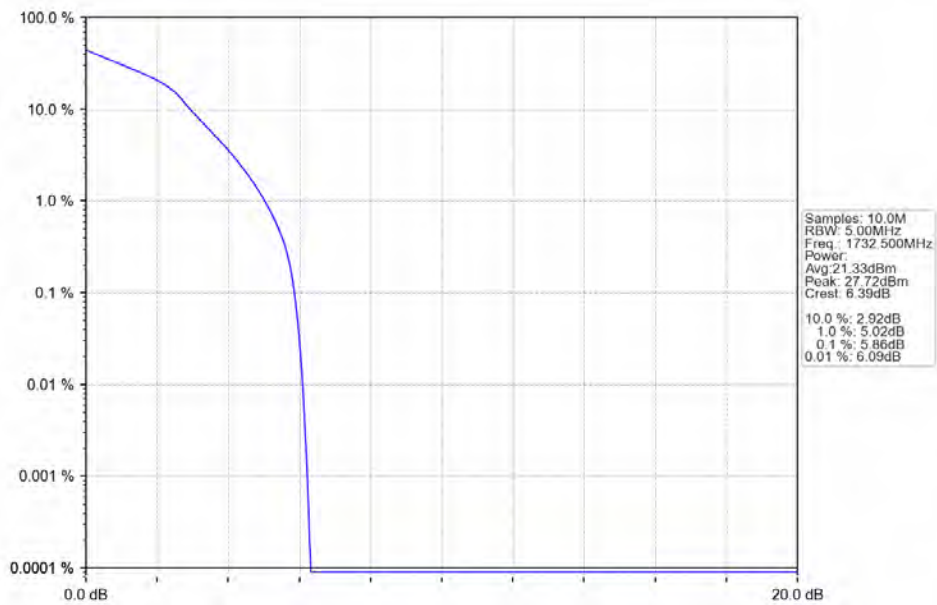
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN



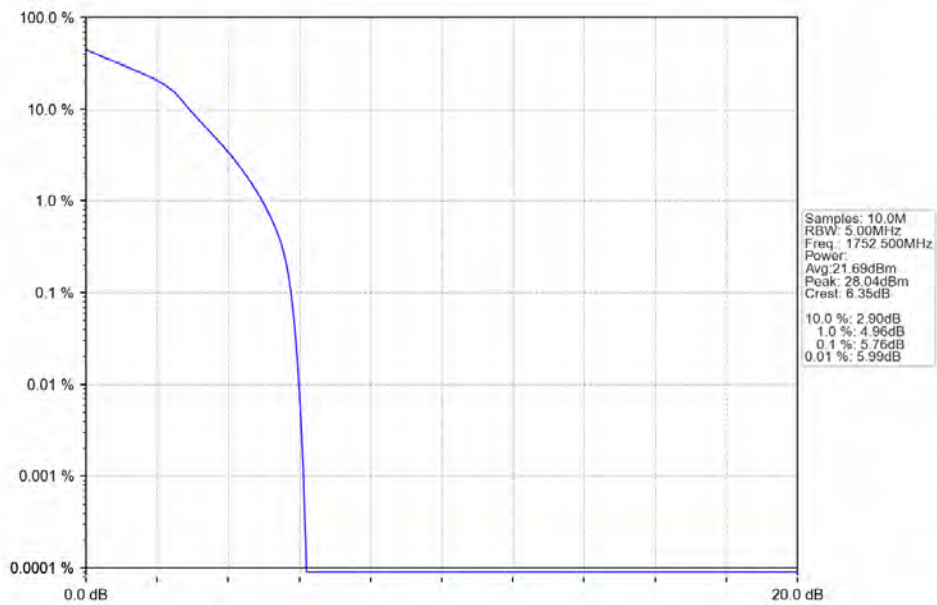
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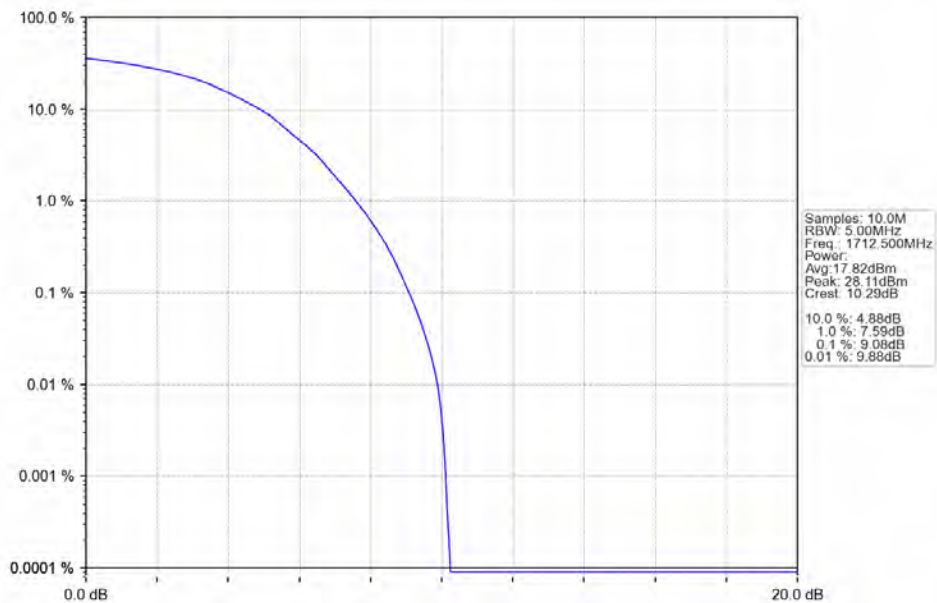
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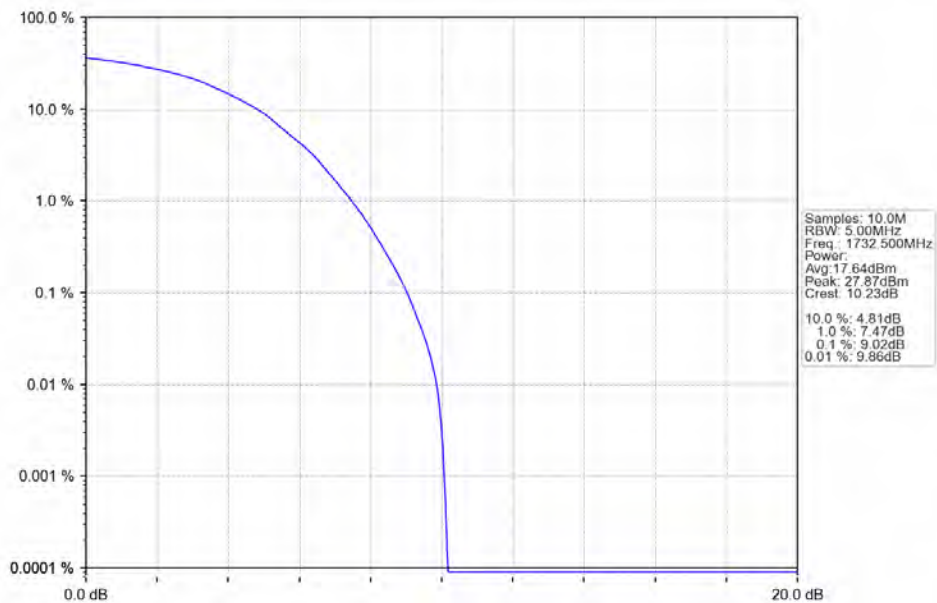
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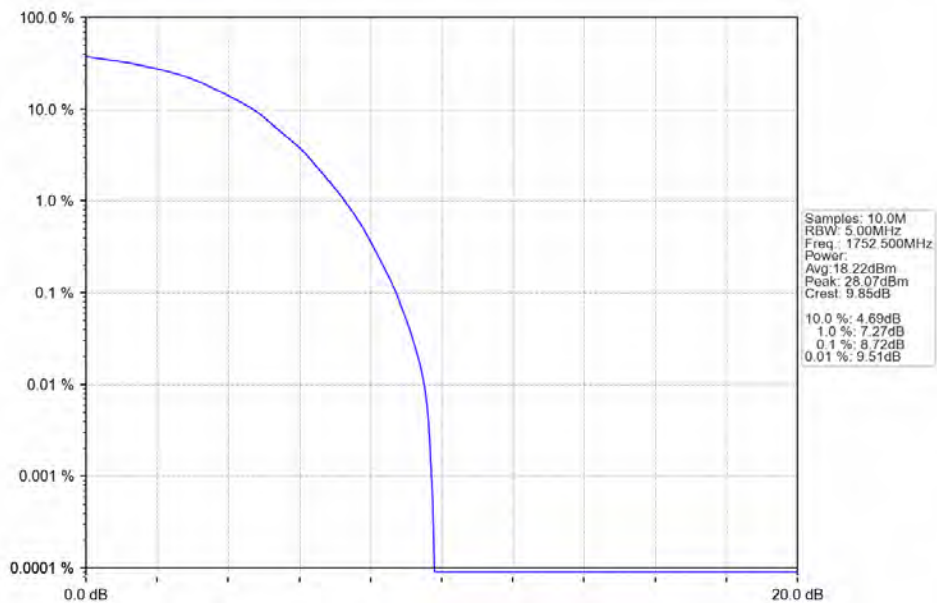
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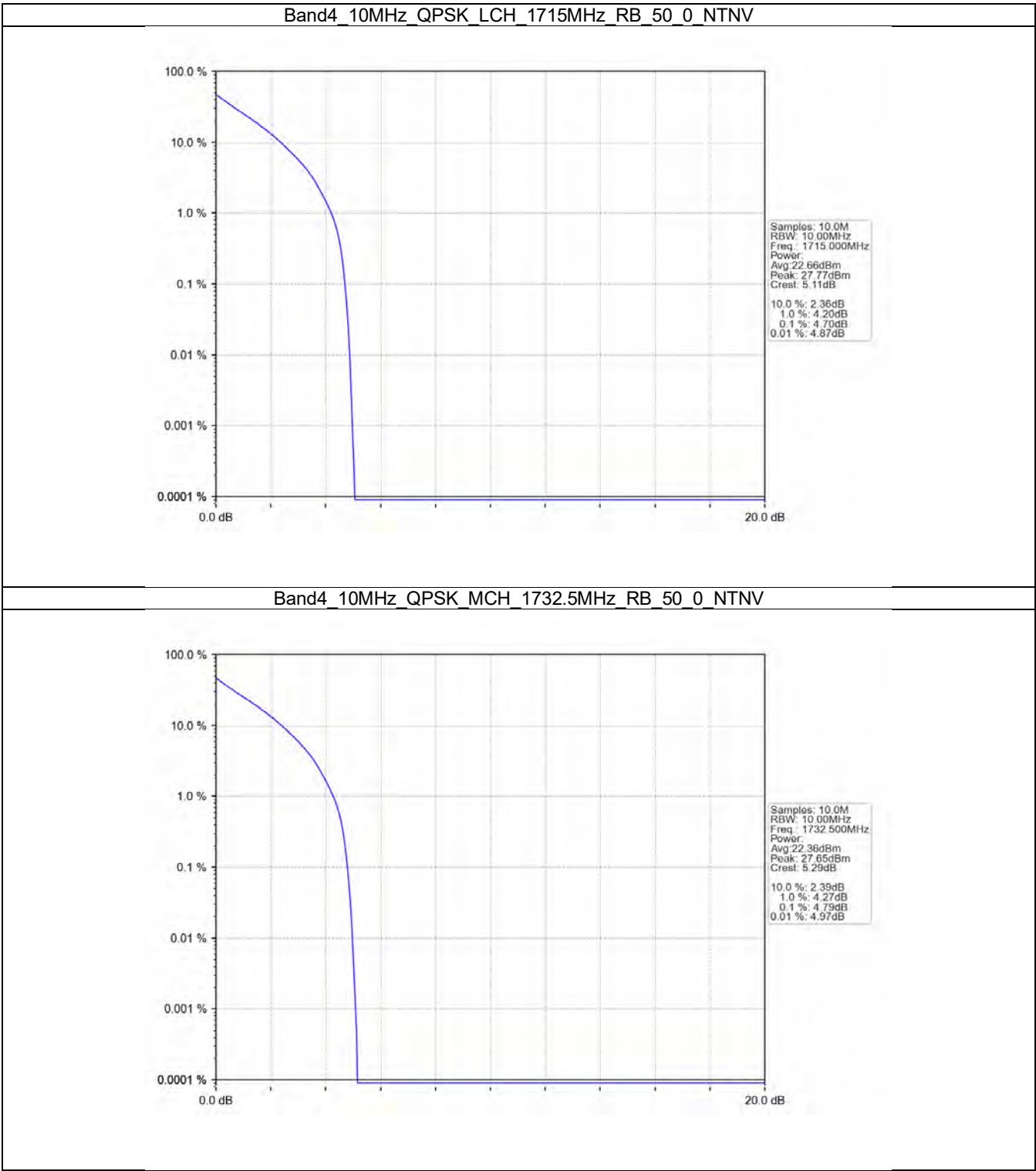
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



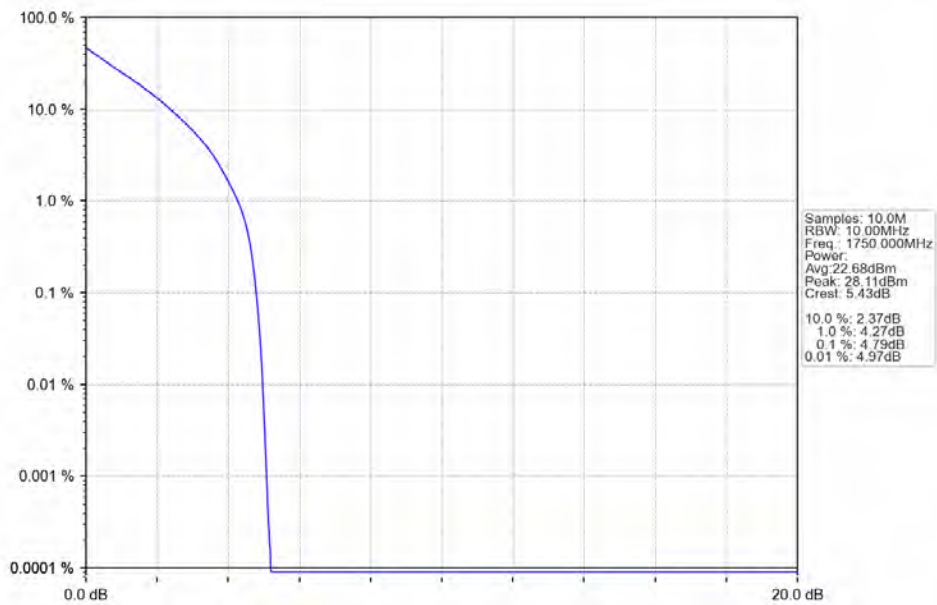
Band4 5MHz 64QAM HCH 1752.5MHz RB 25 0 NTNV



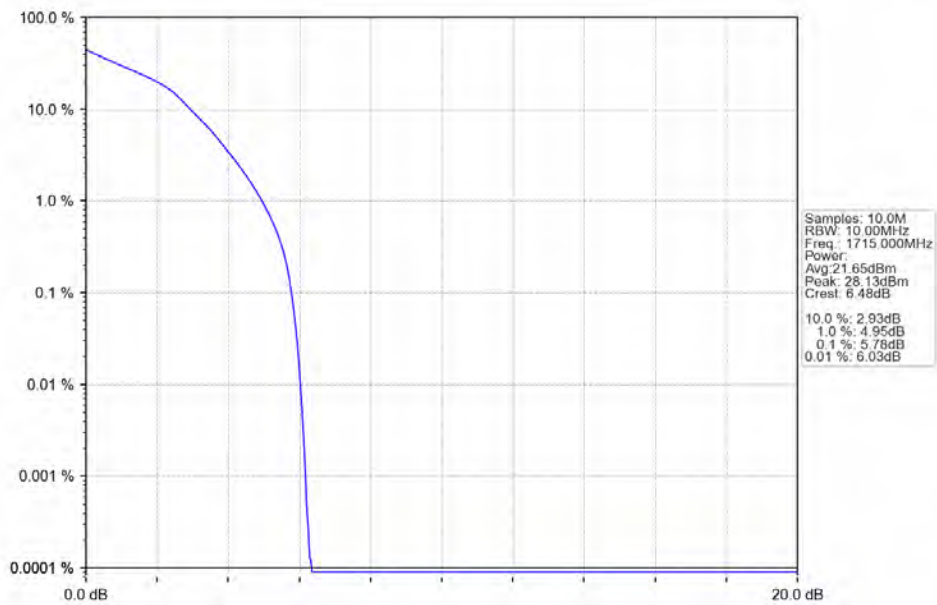
4.2.4 B4_10MHz



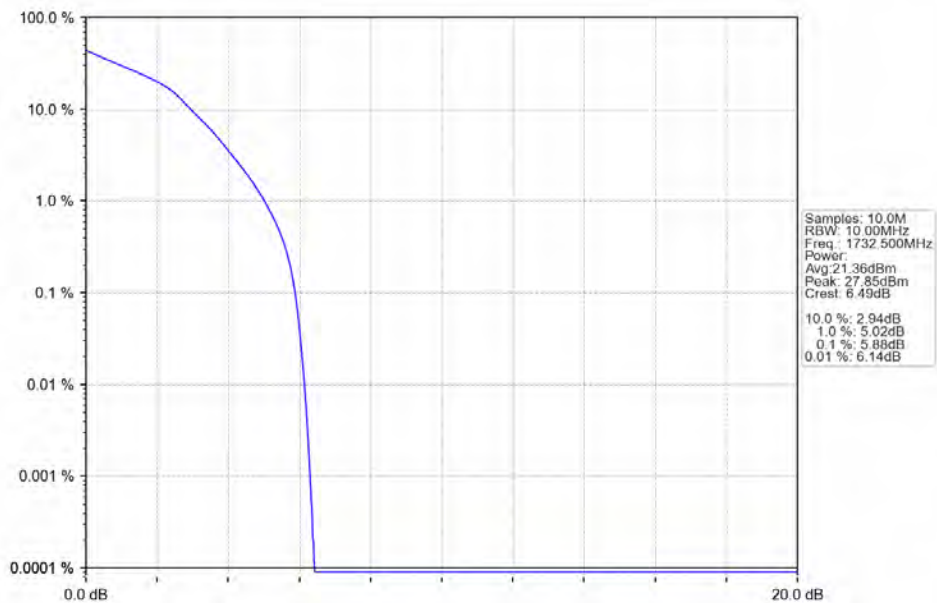
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



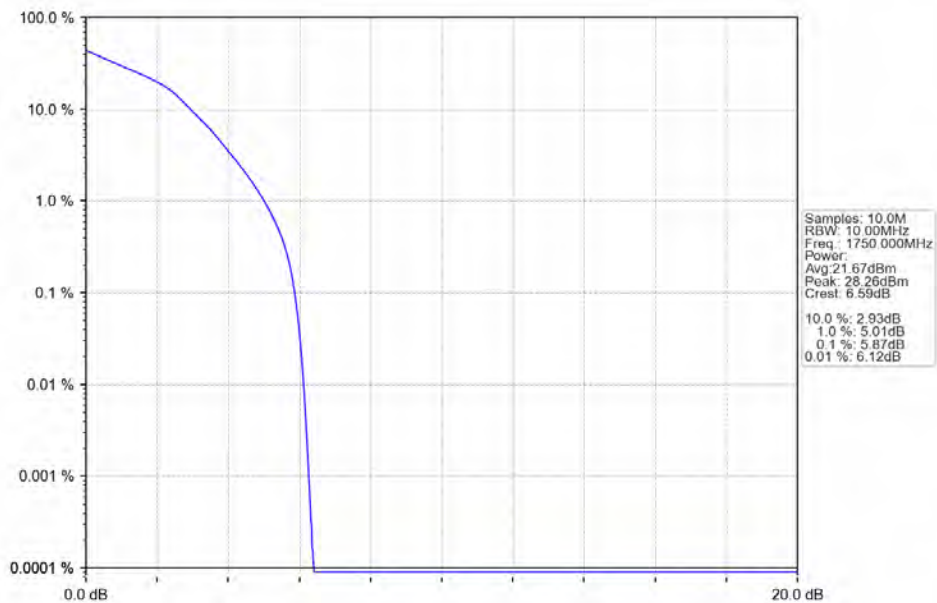
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



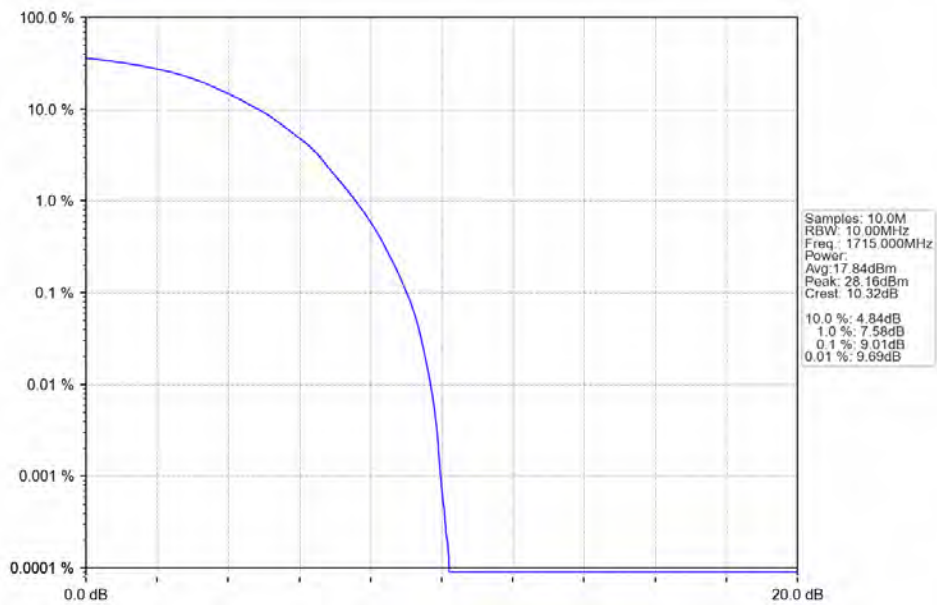
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



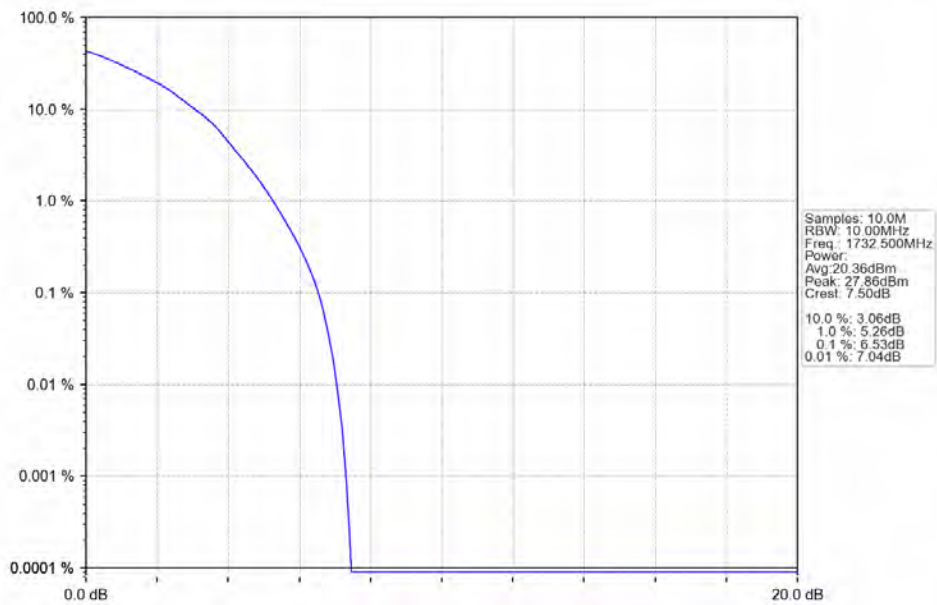
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



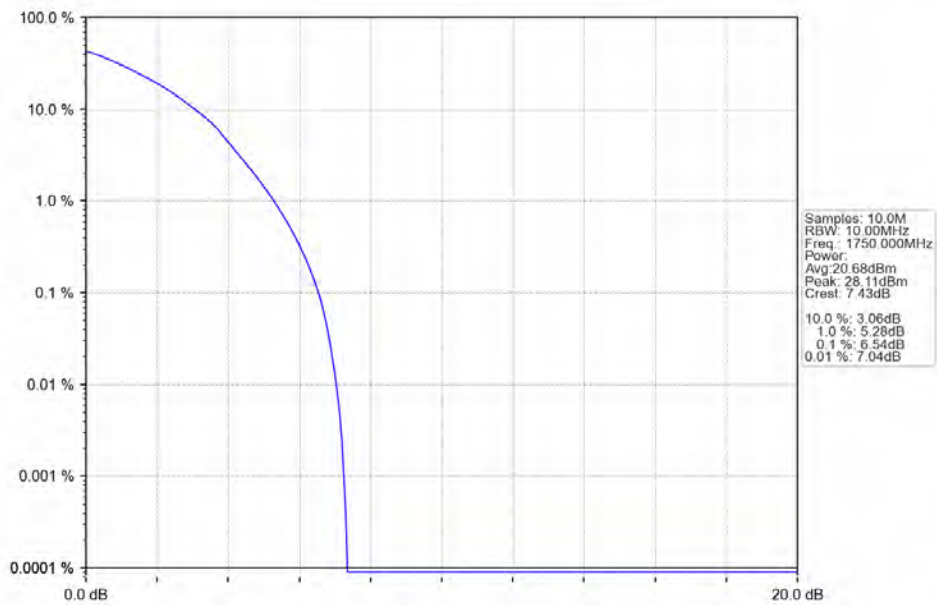
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



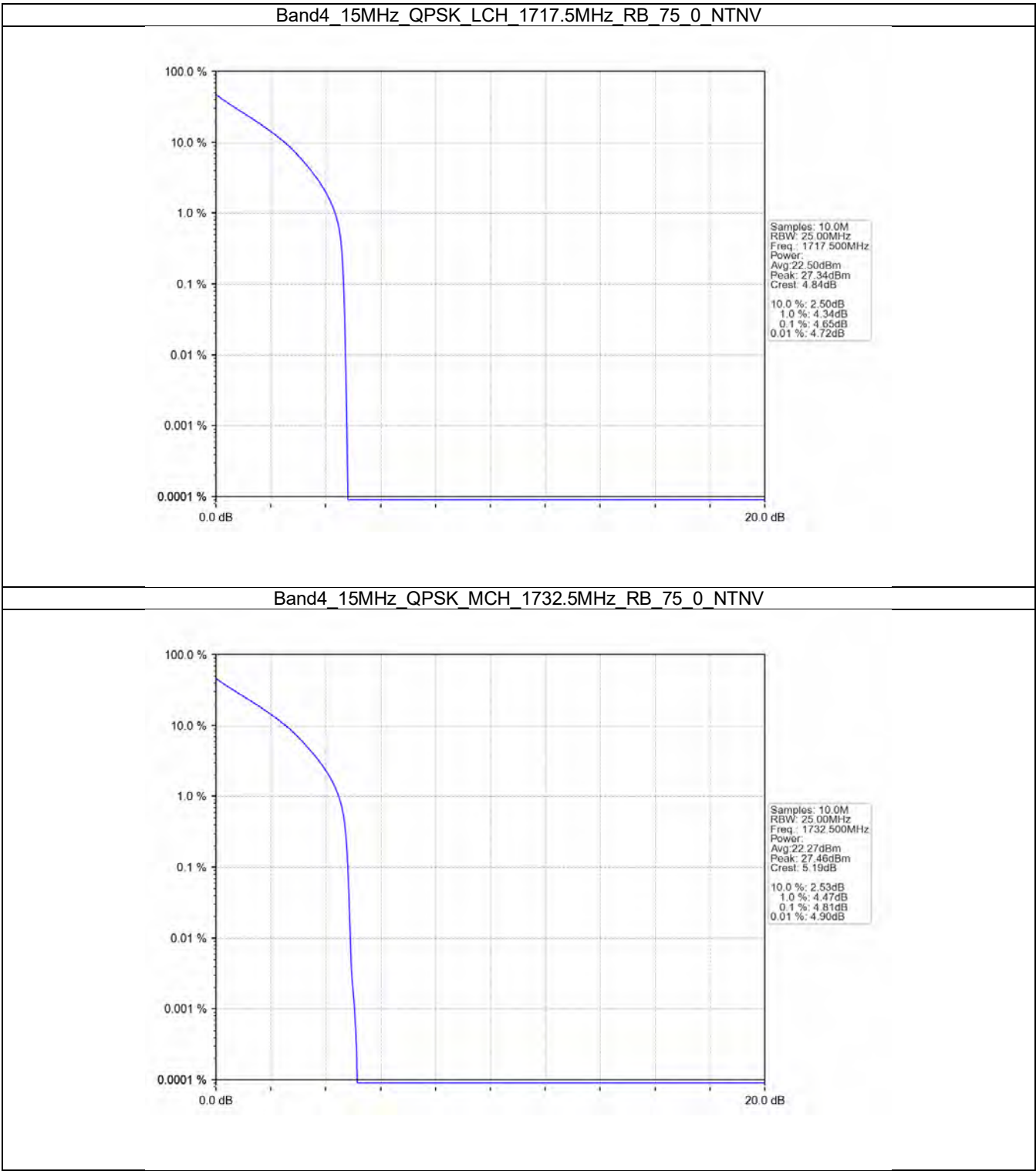
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



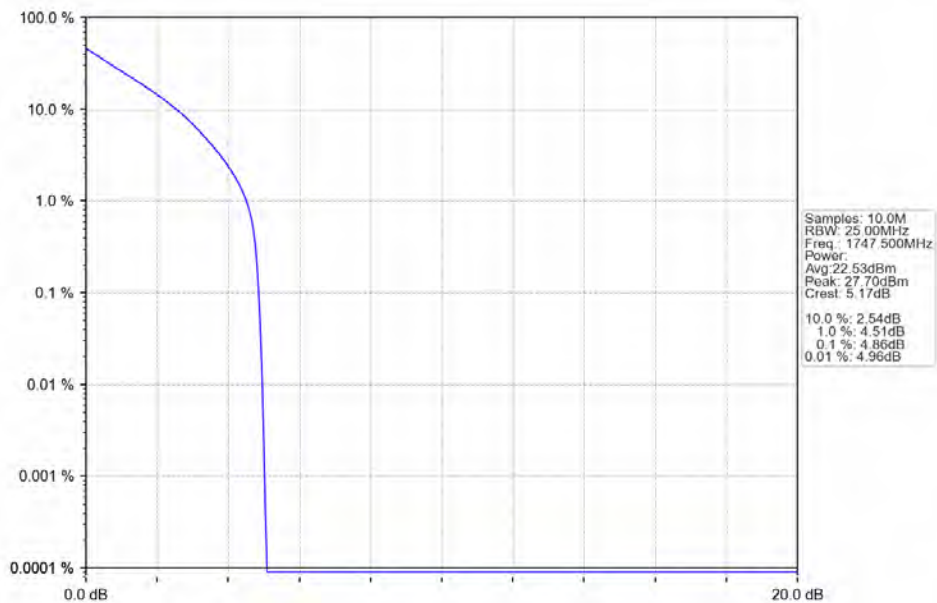
Band4 10MHz 64QAM HCH 1750MHz RB 50 0 NTNV



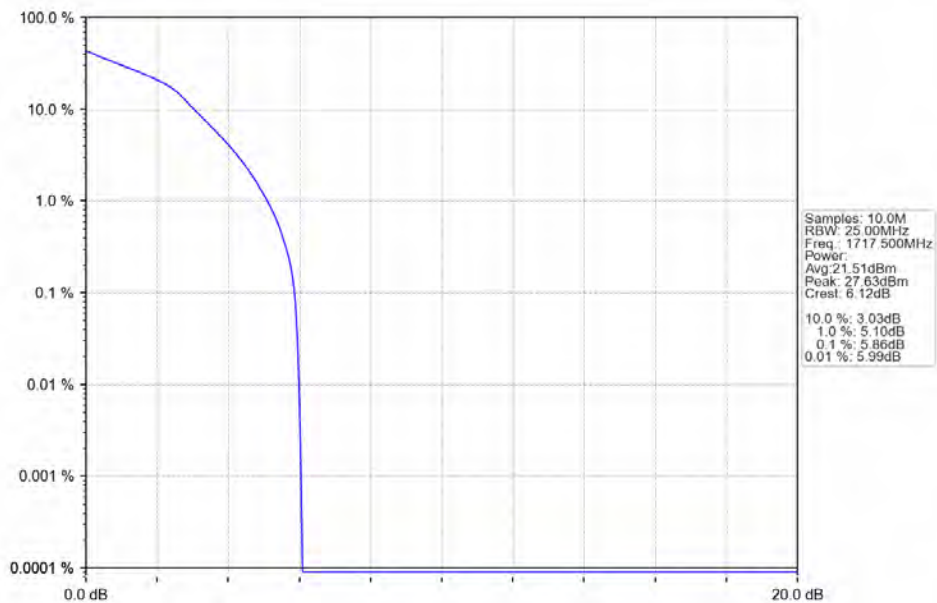
4.2.5 B4_15MHz



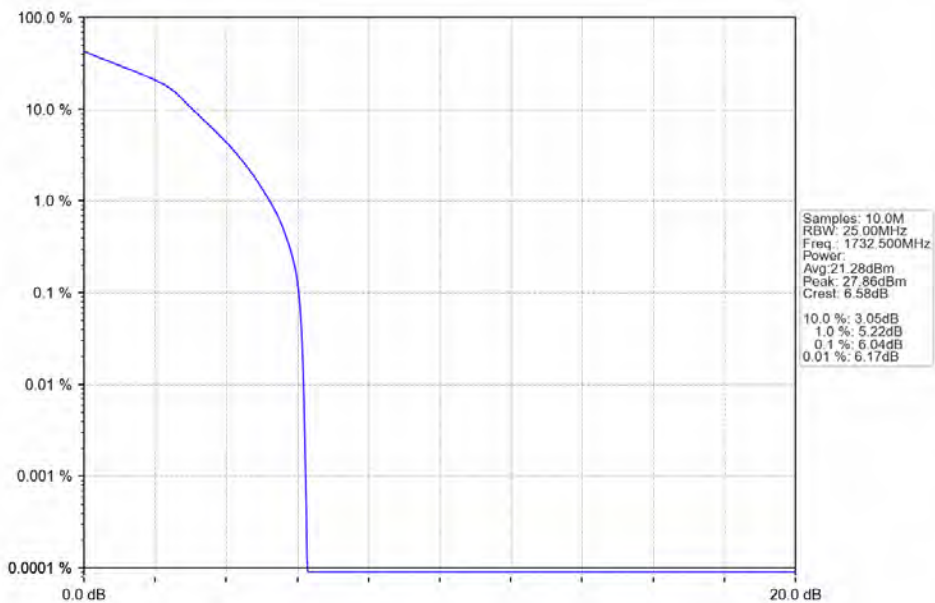
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



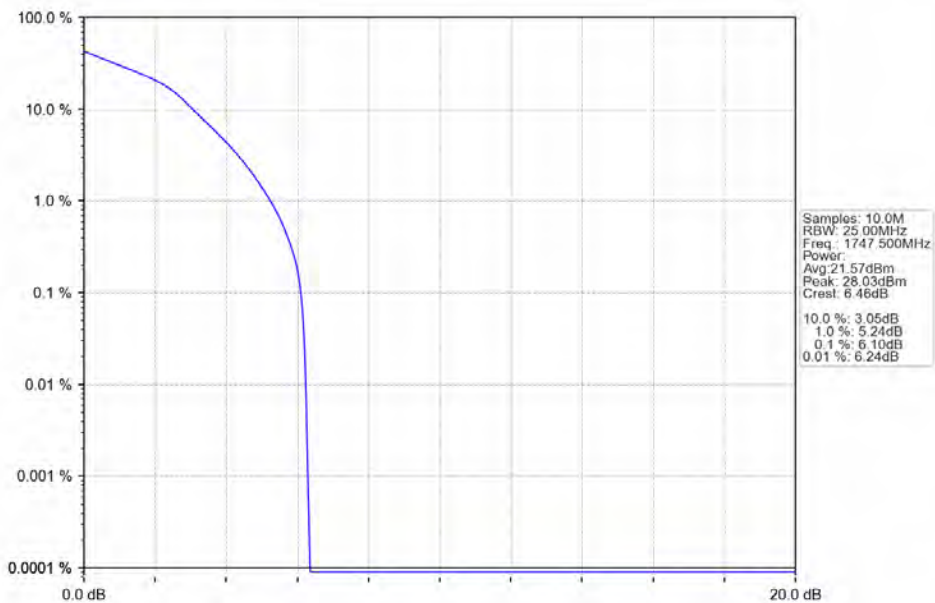
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



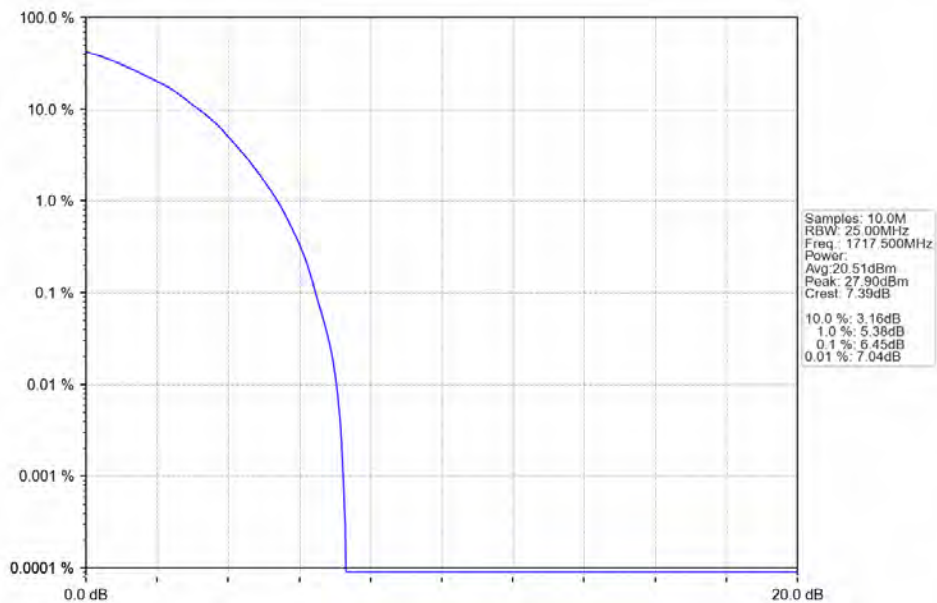
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



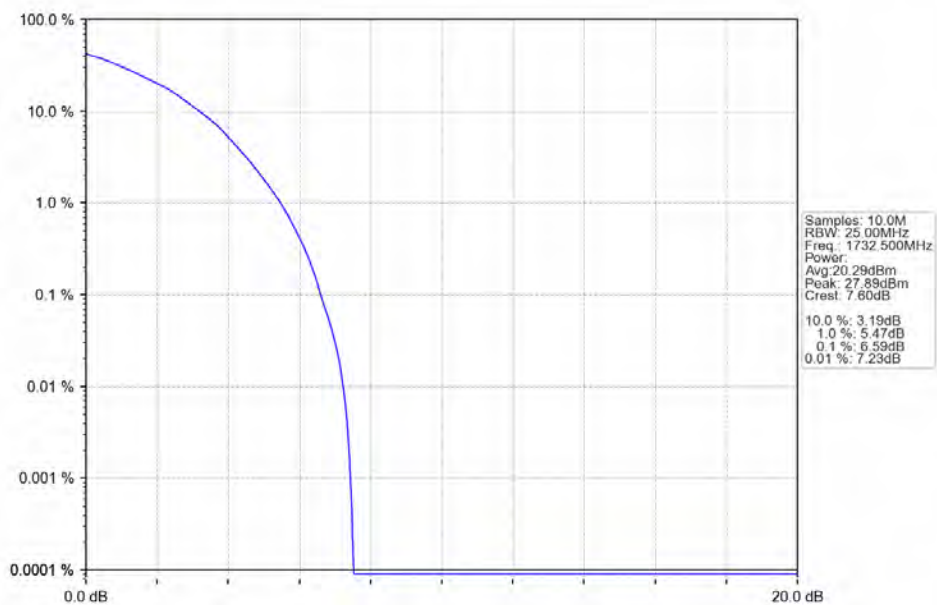
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



Band4 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTNV

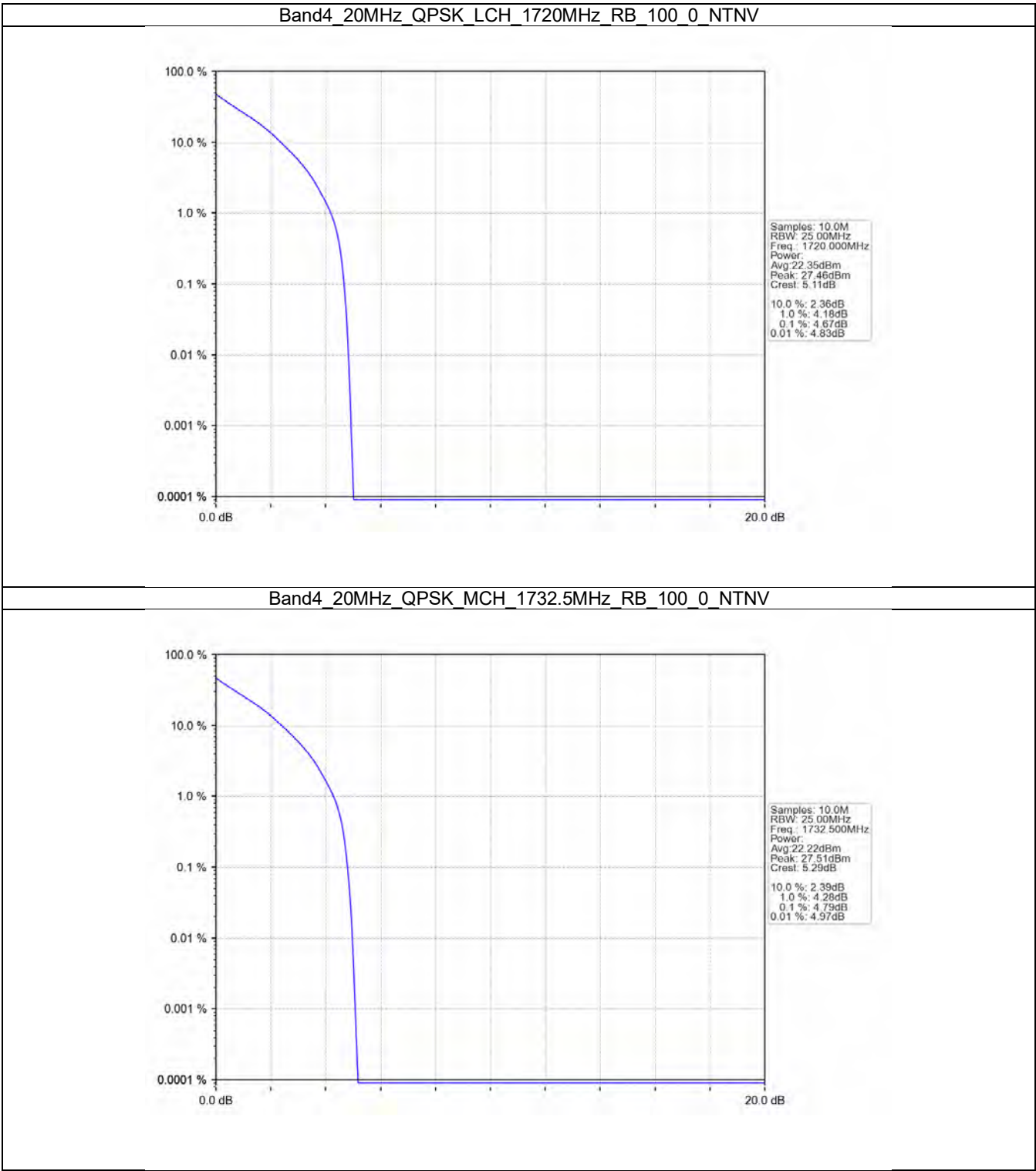


Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV

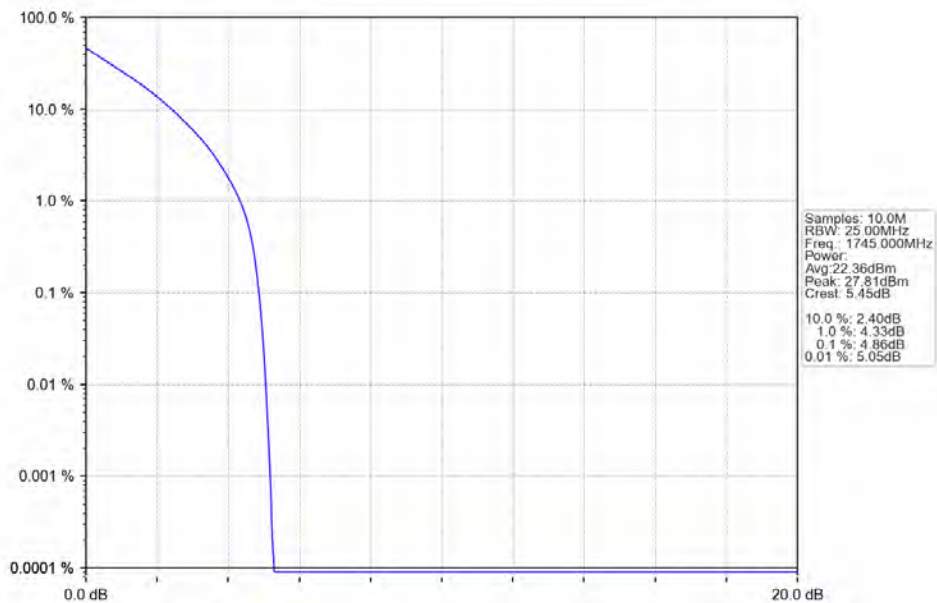




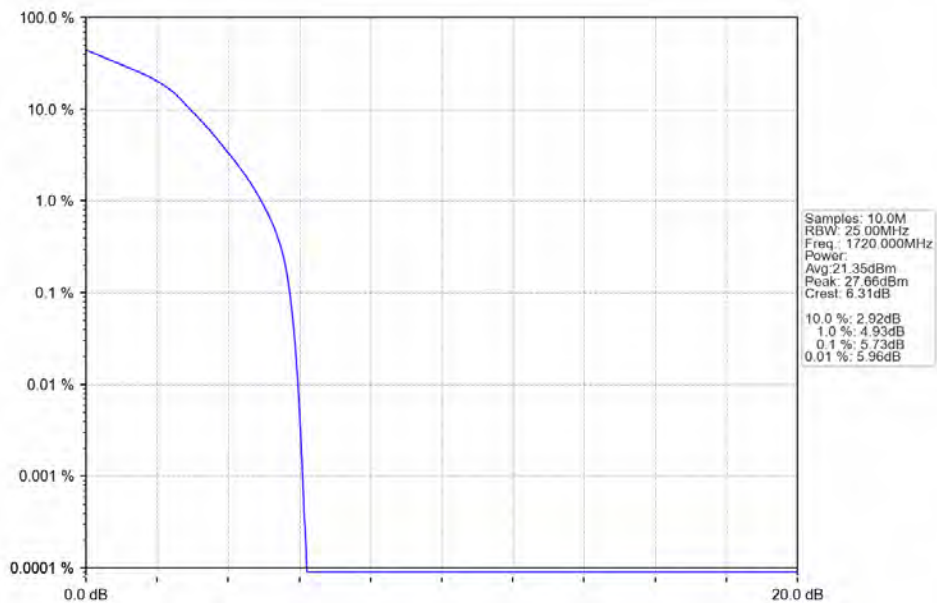
4.2.6 B4_20MHz



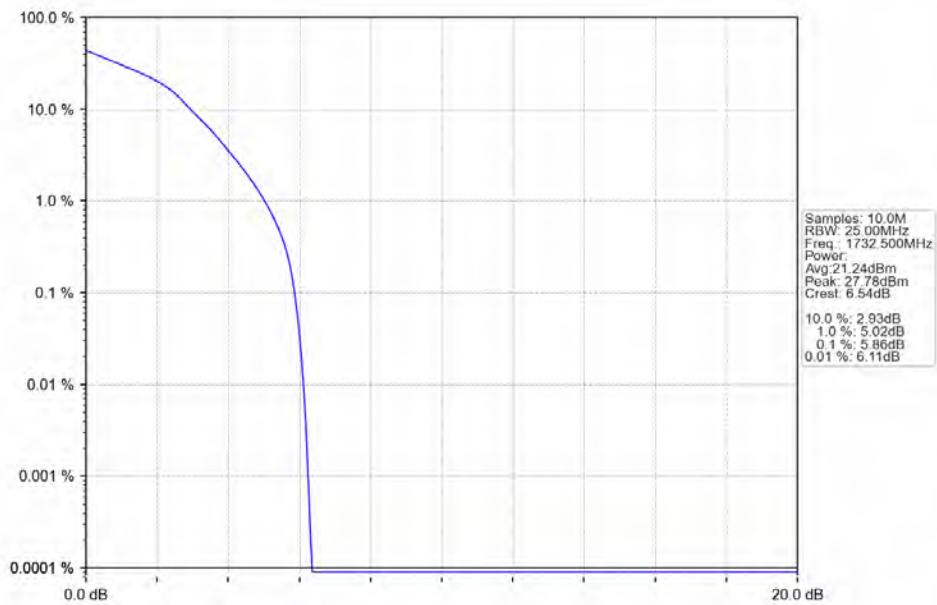
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



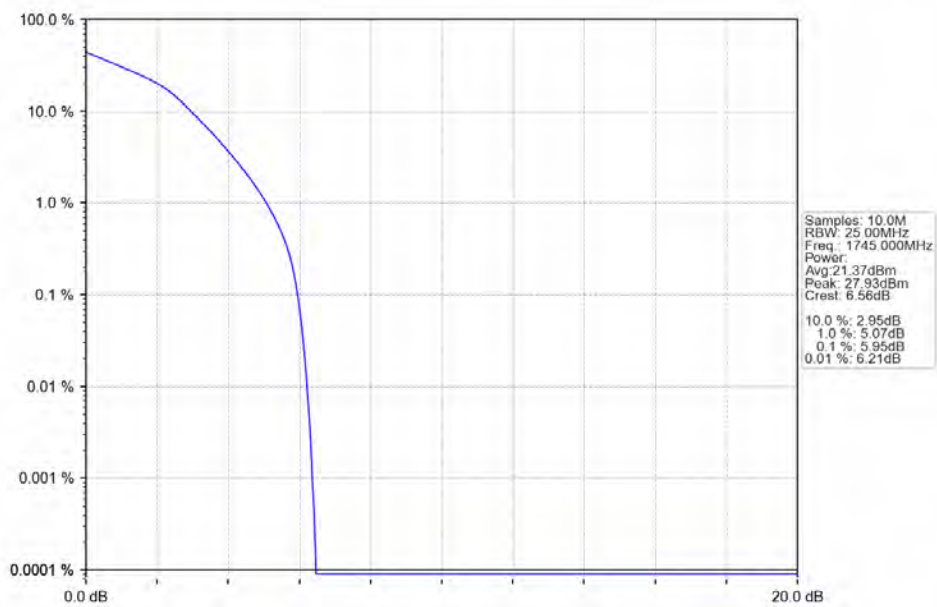
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



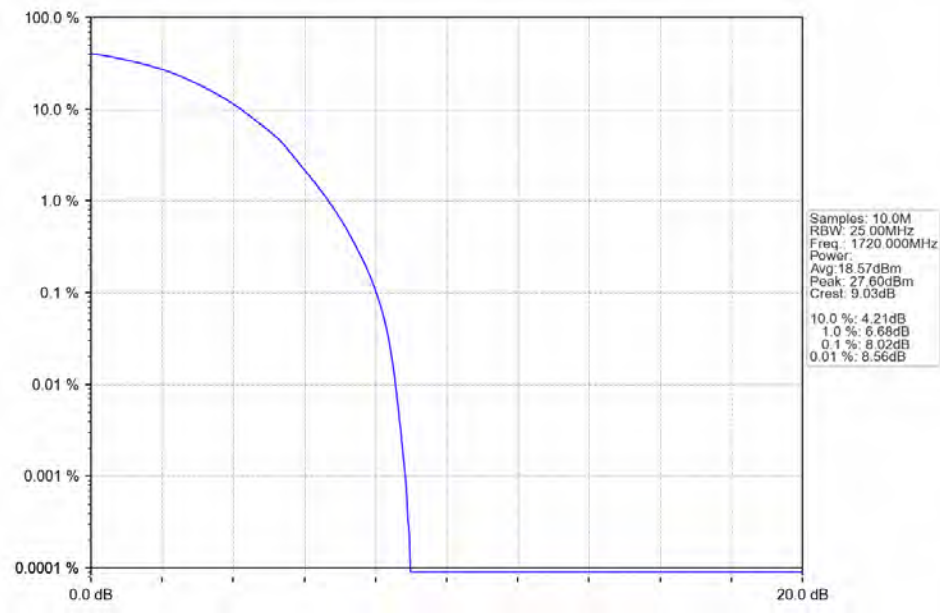
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



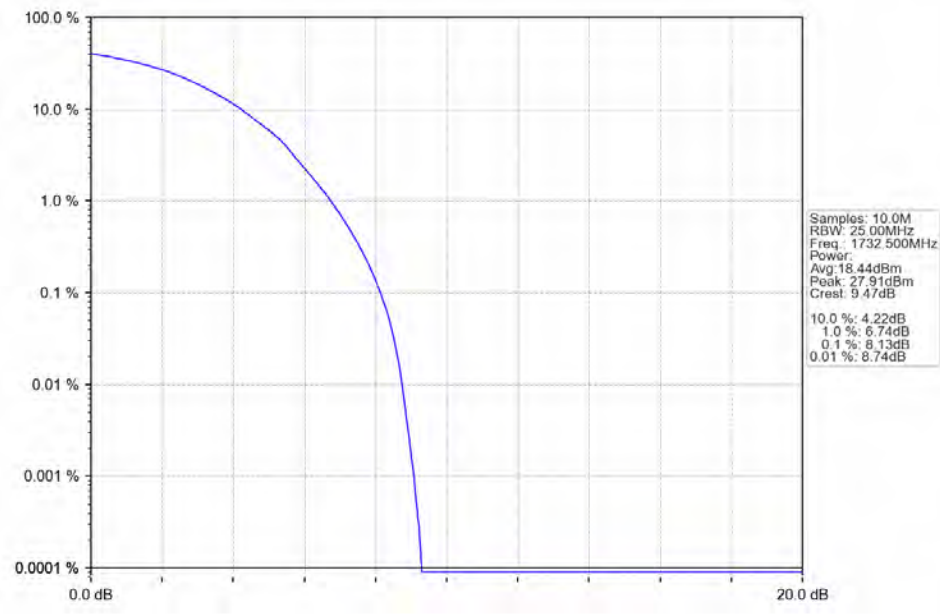
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

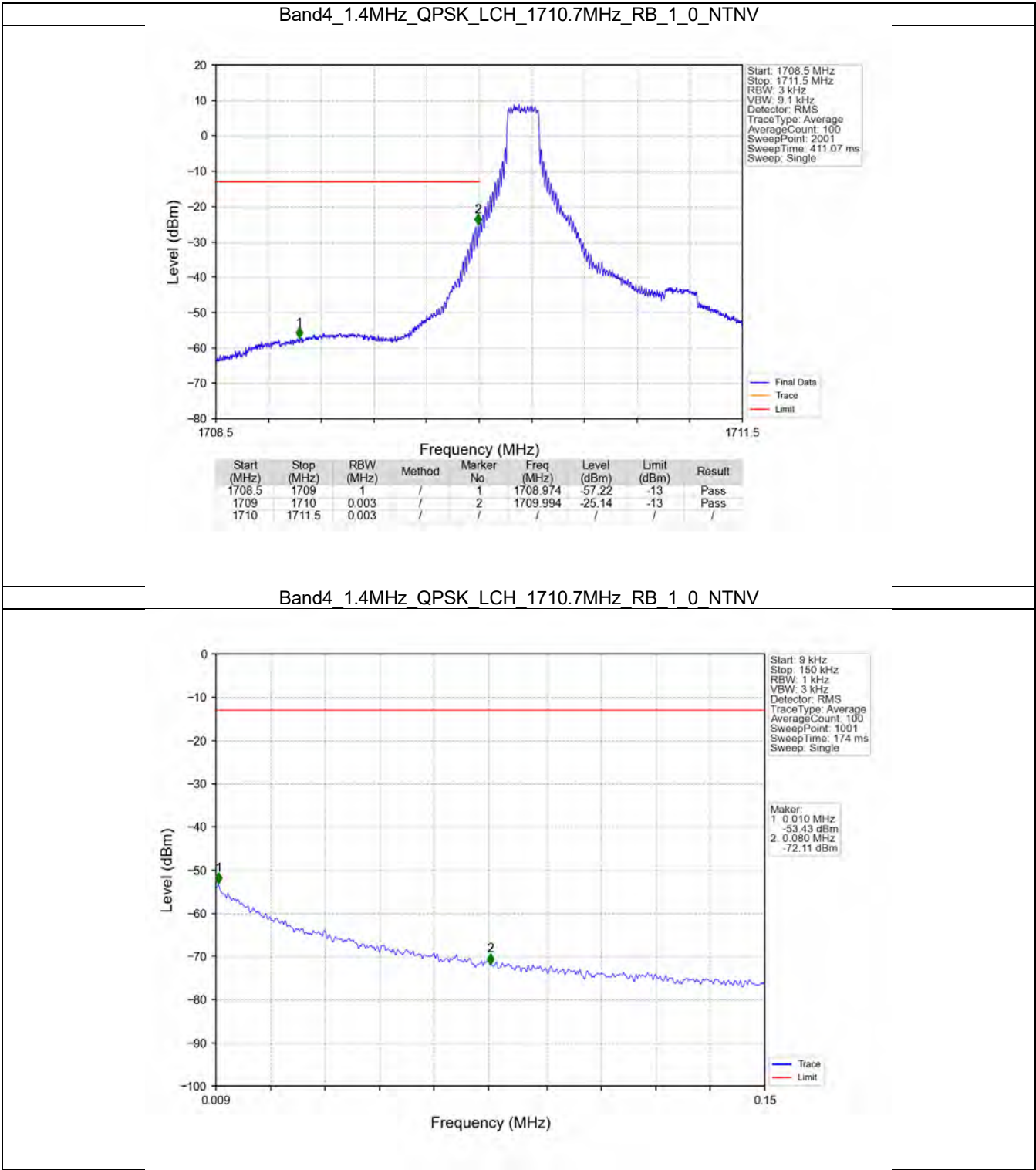
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B4_20MHz

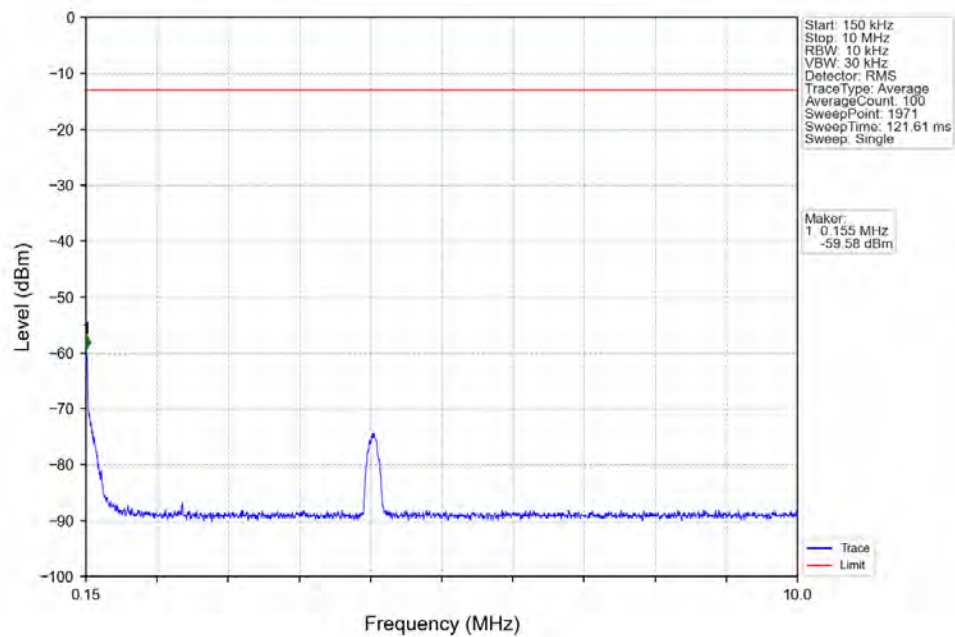
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

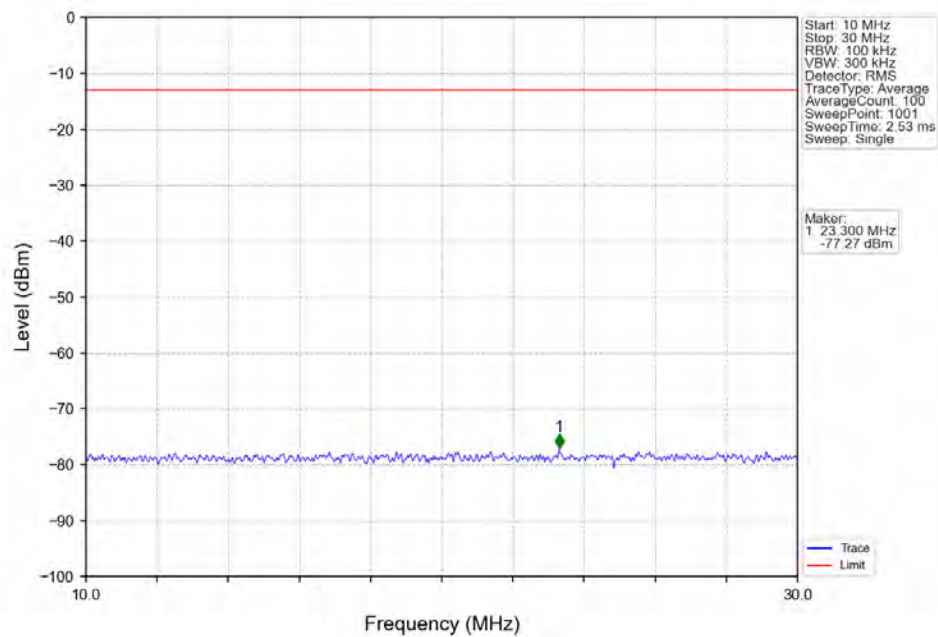
5.2.1 B4_1.4MHz



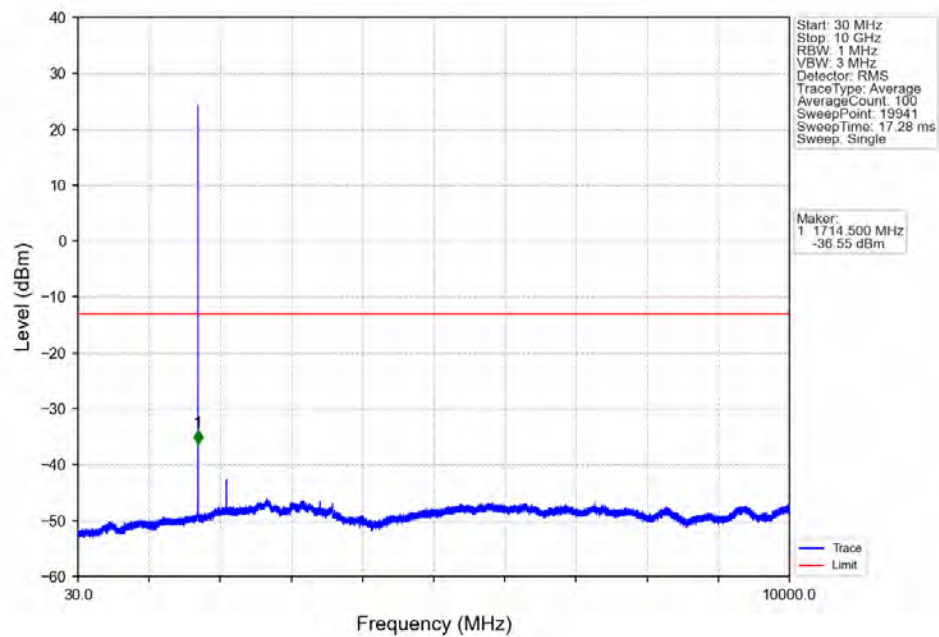
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



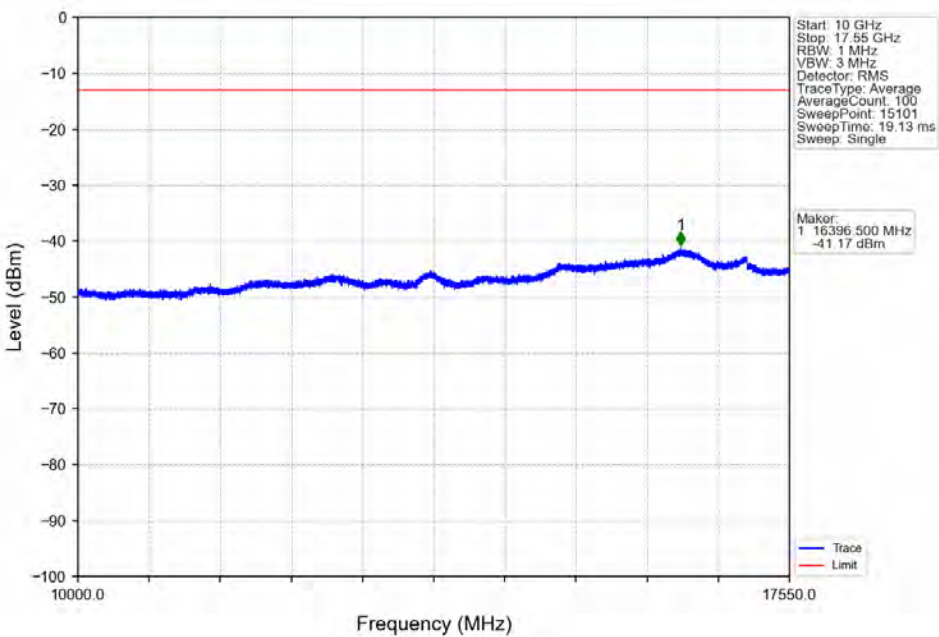
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



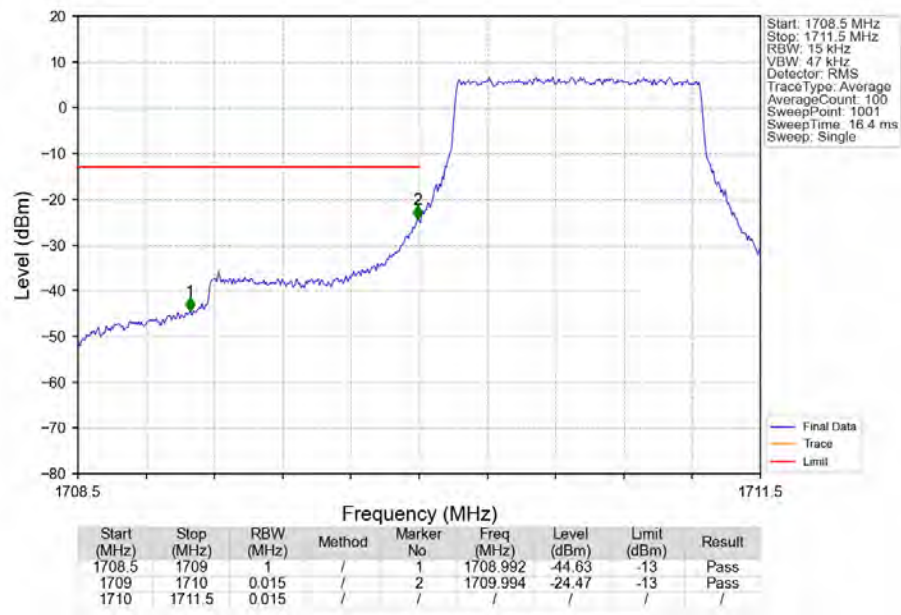
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



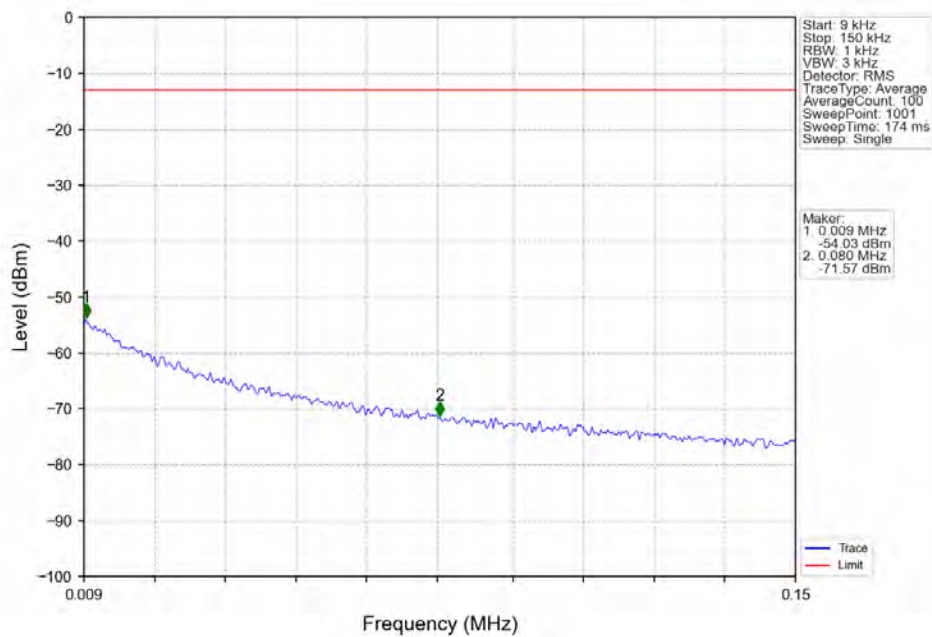
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



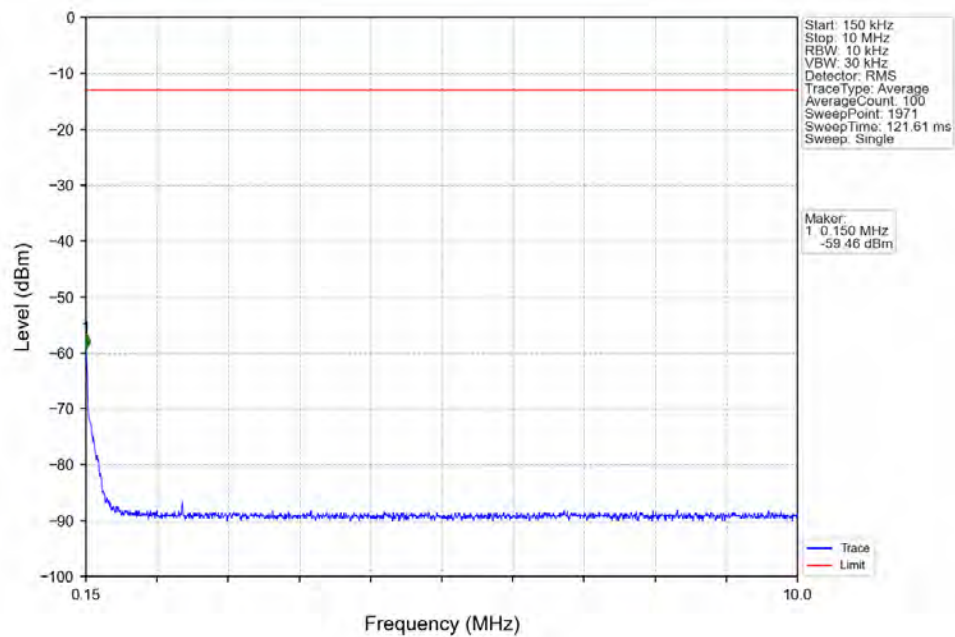
Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV



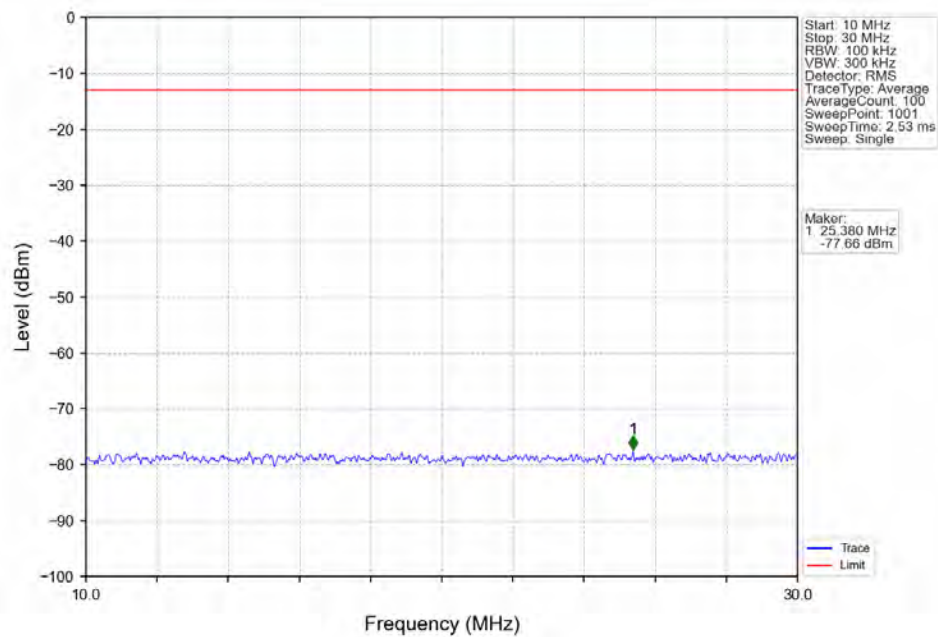
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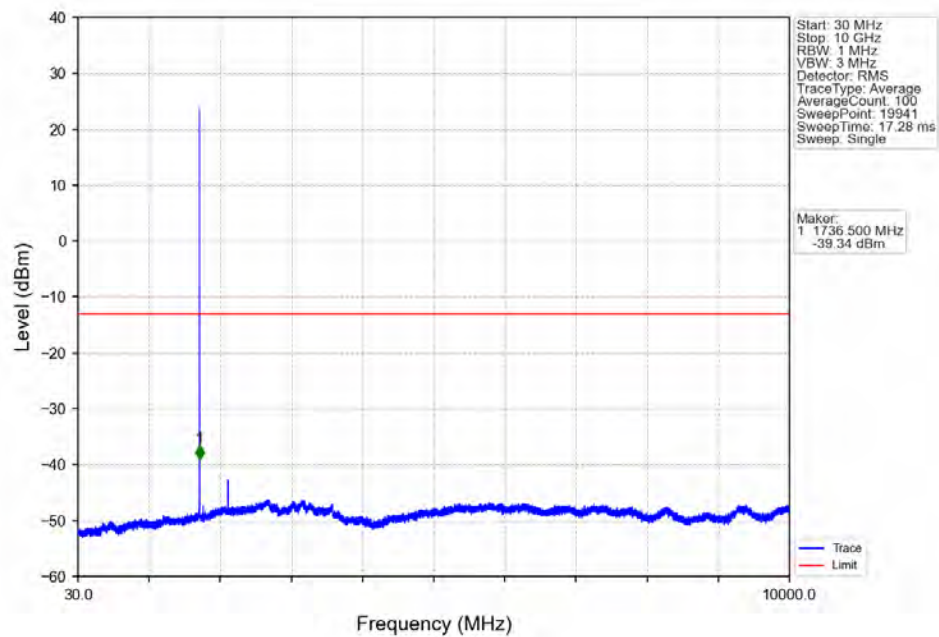
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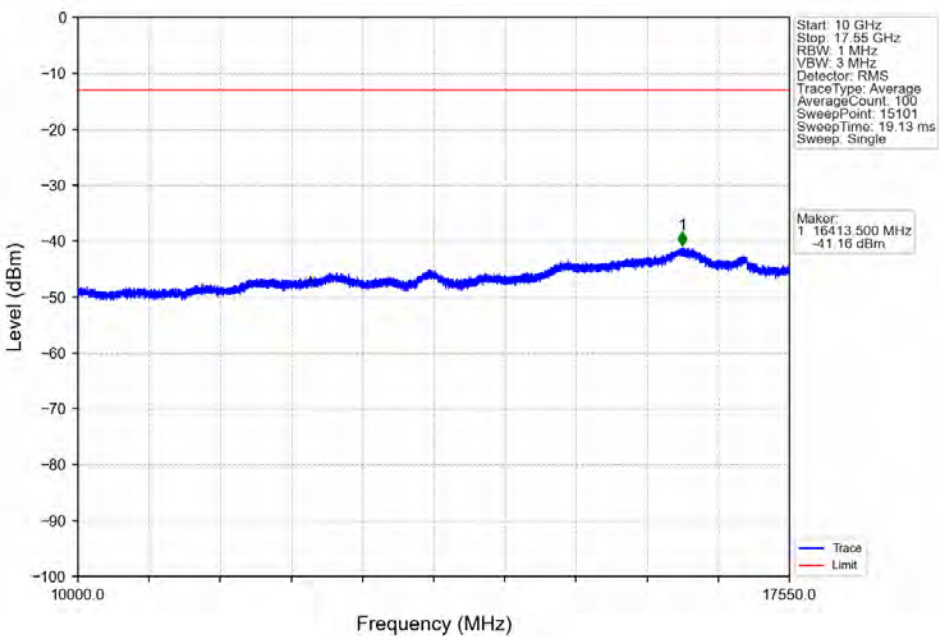
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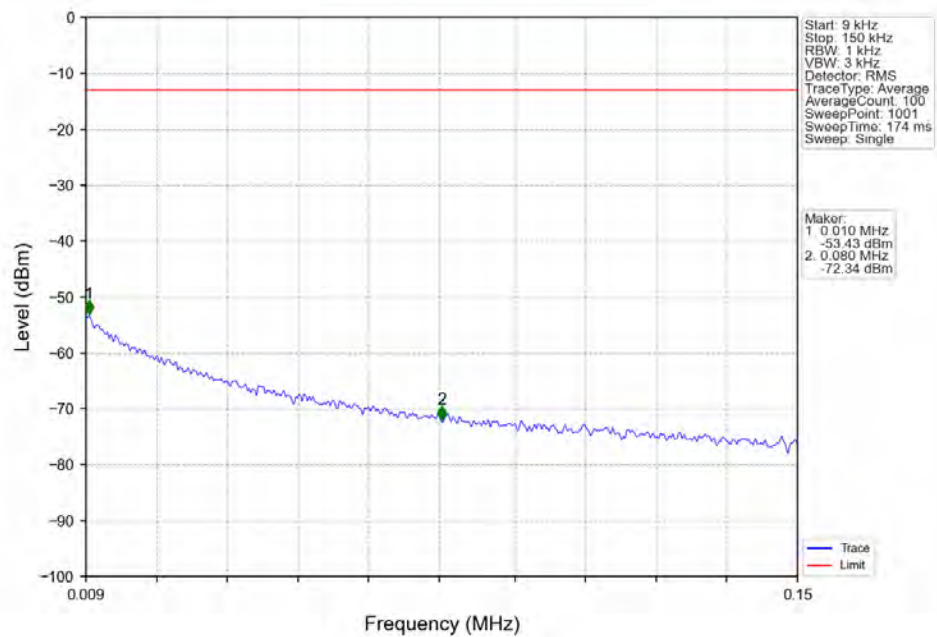
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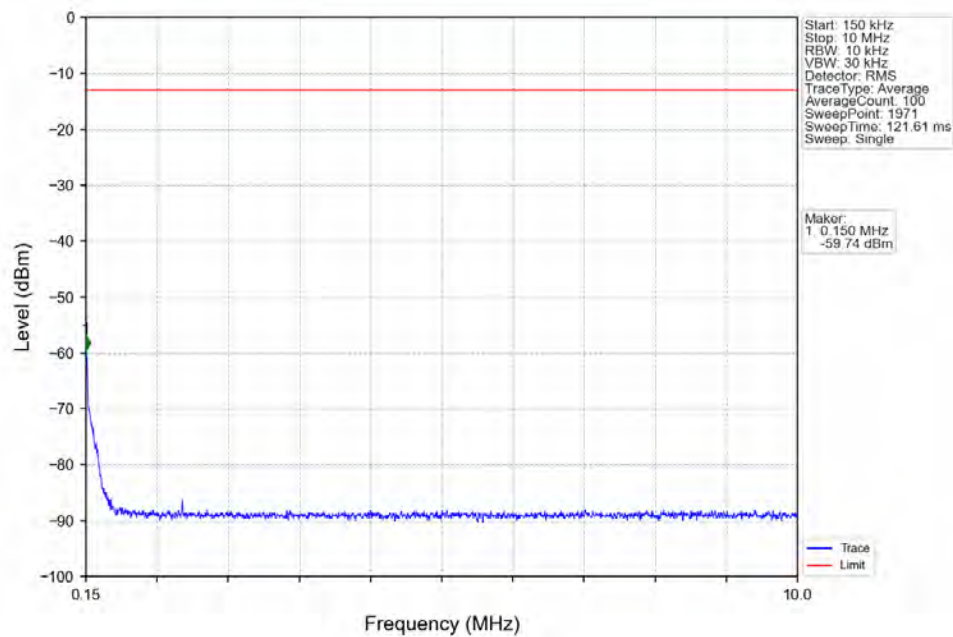
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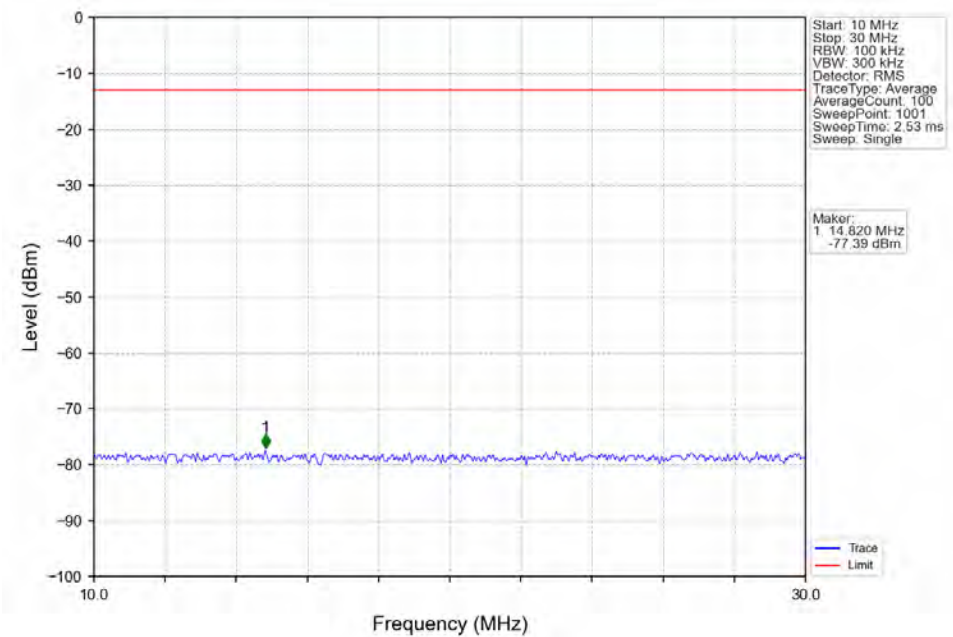
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



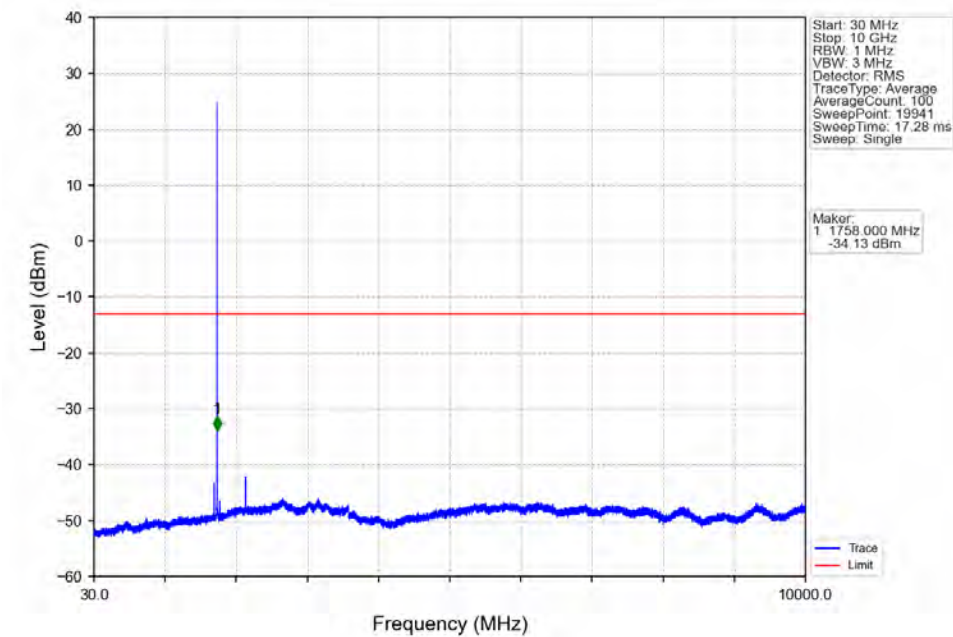
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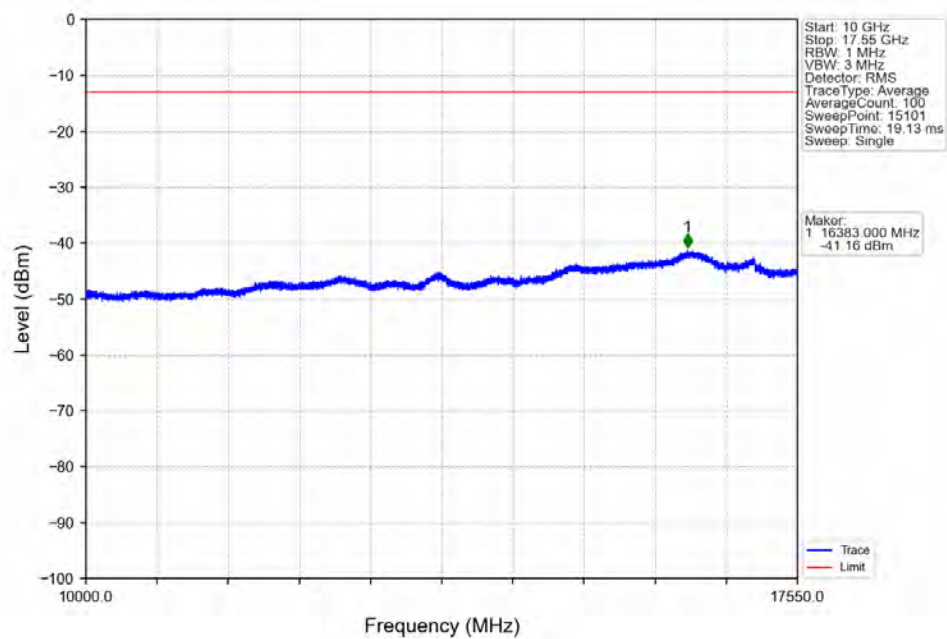
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



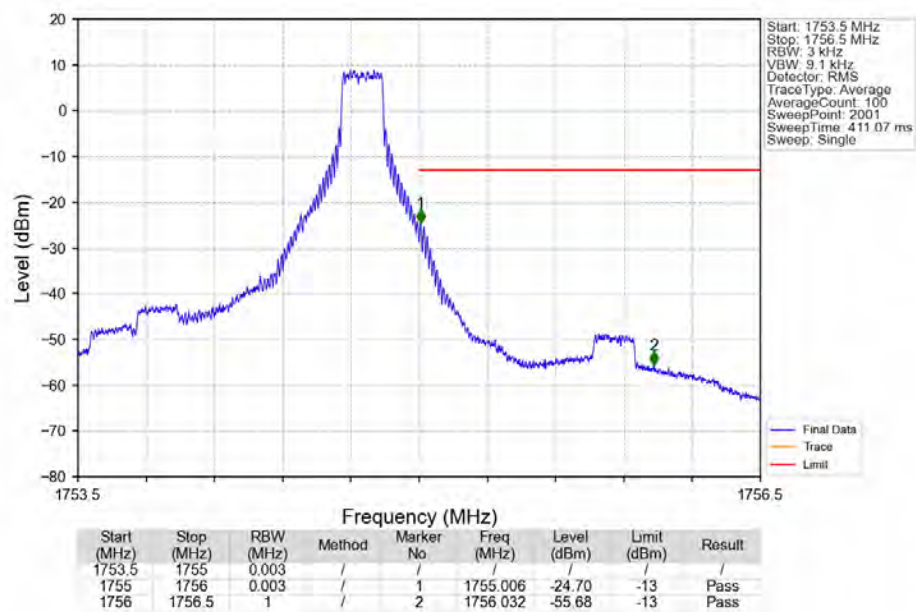
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



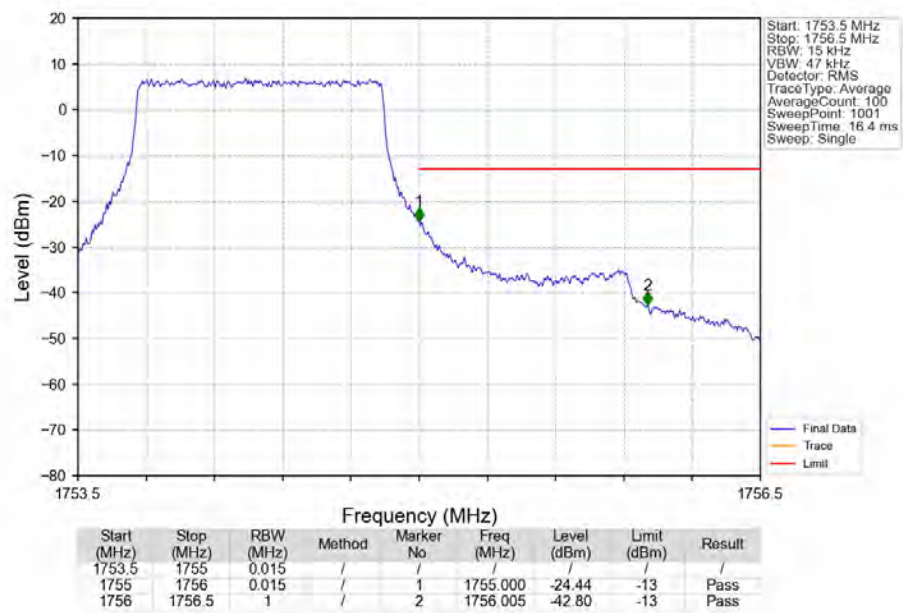
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



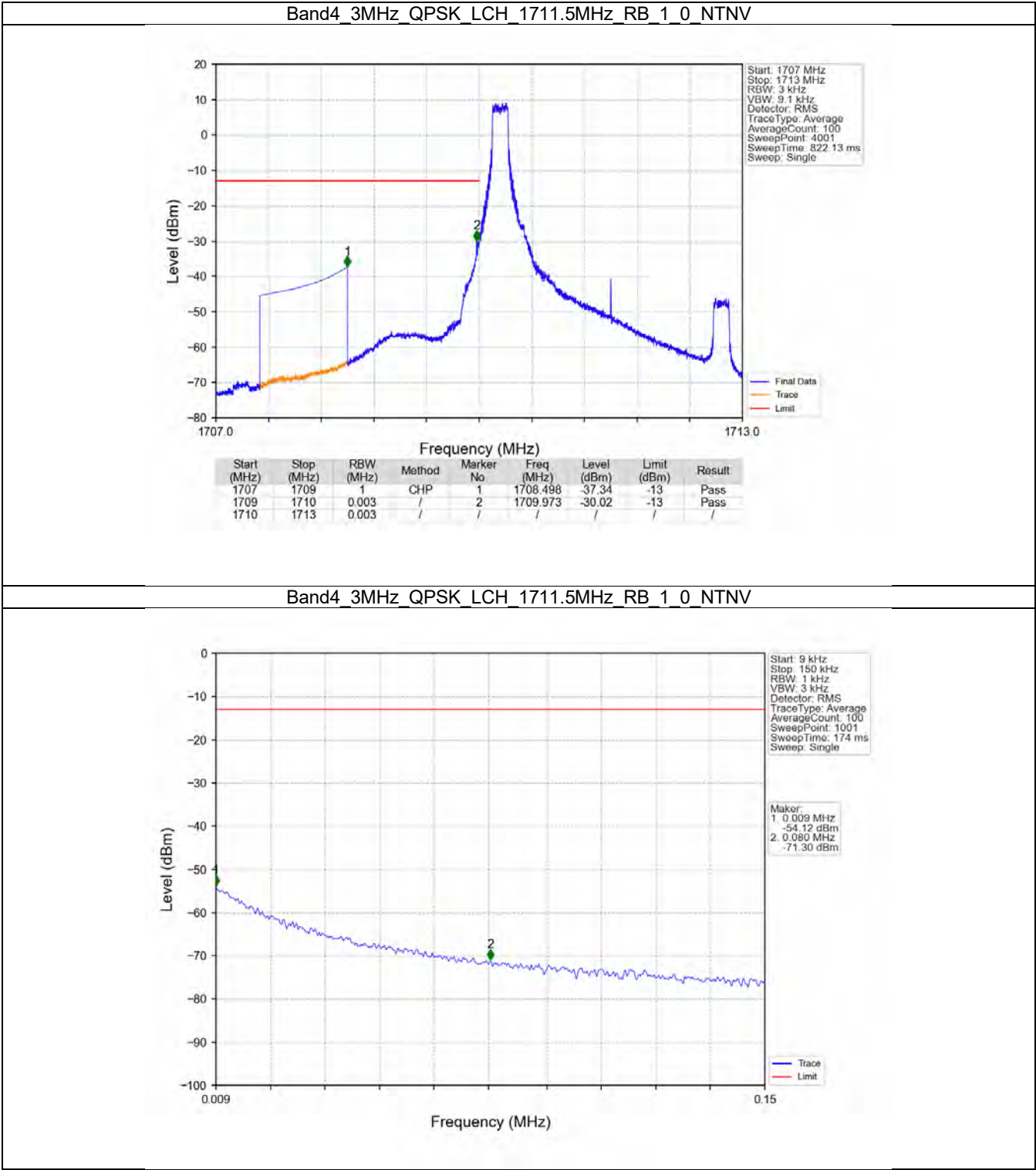
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



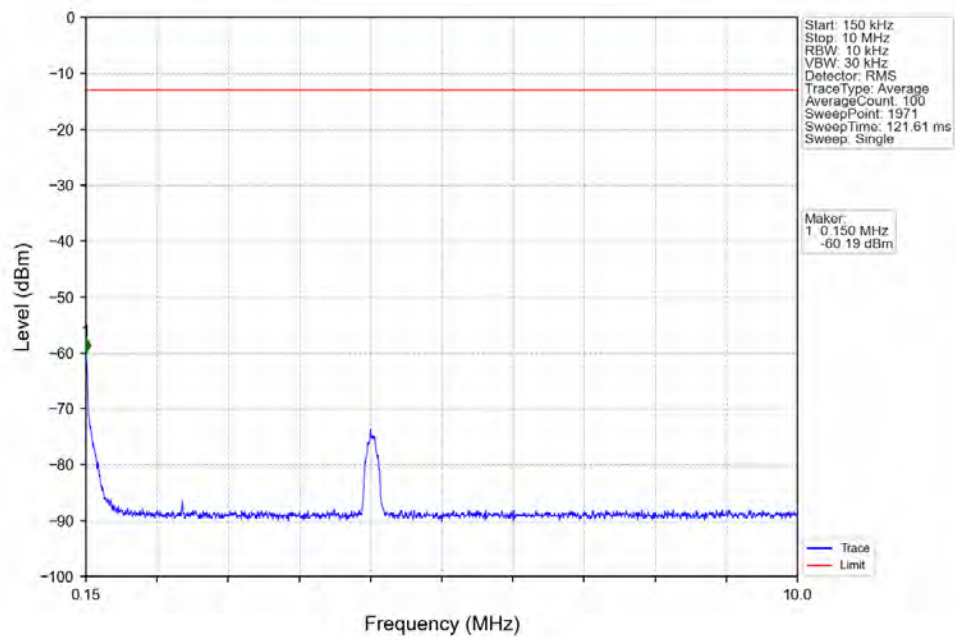
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



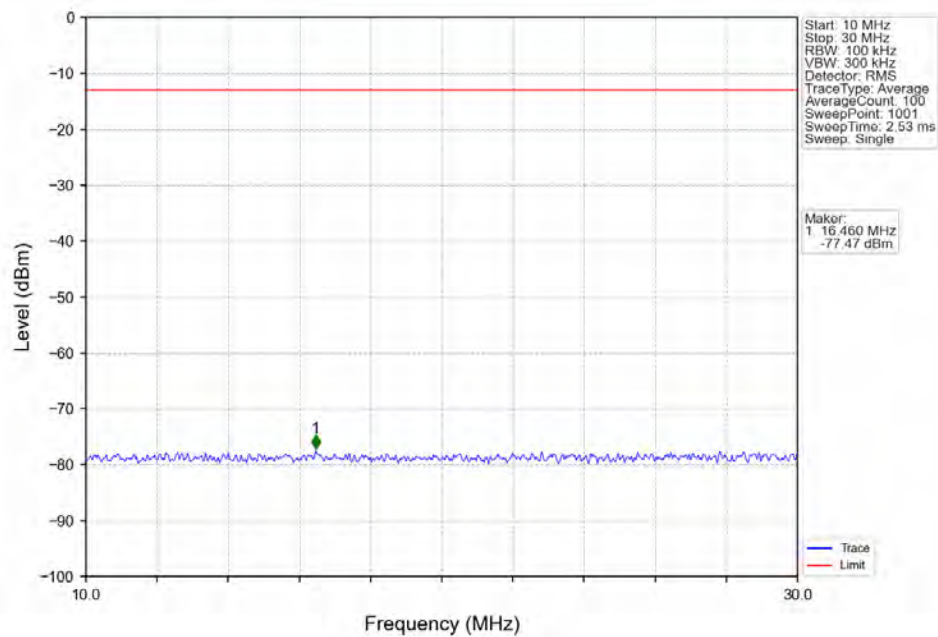
5.2.2 B4_3MHz



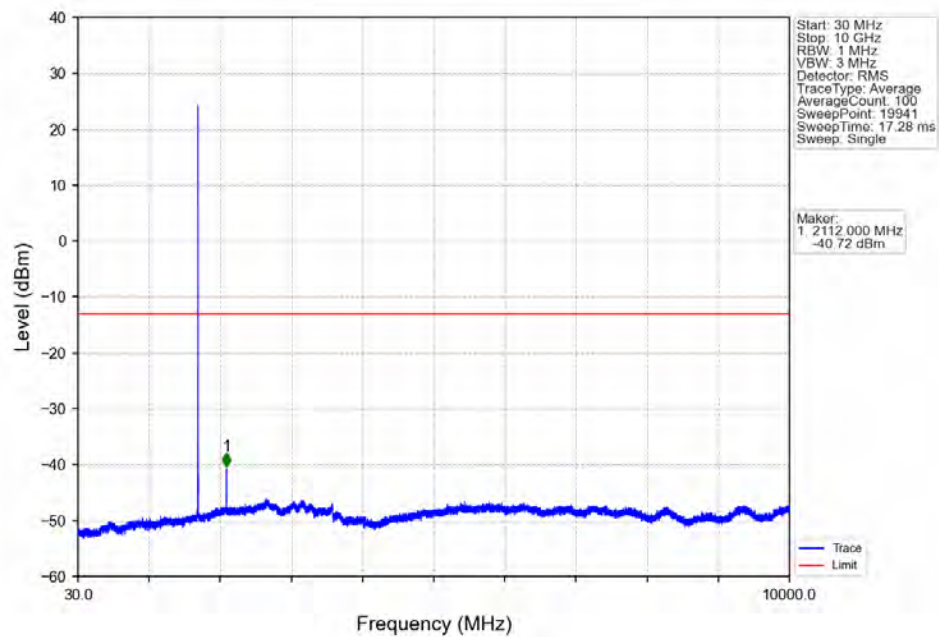
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



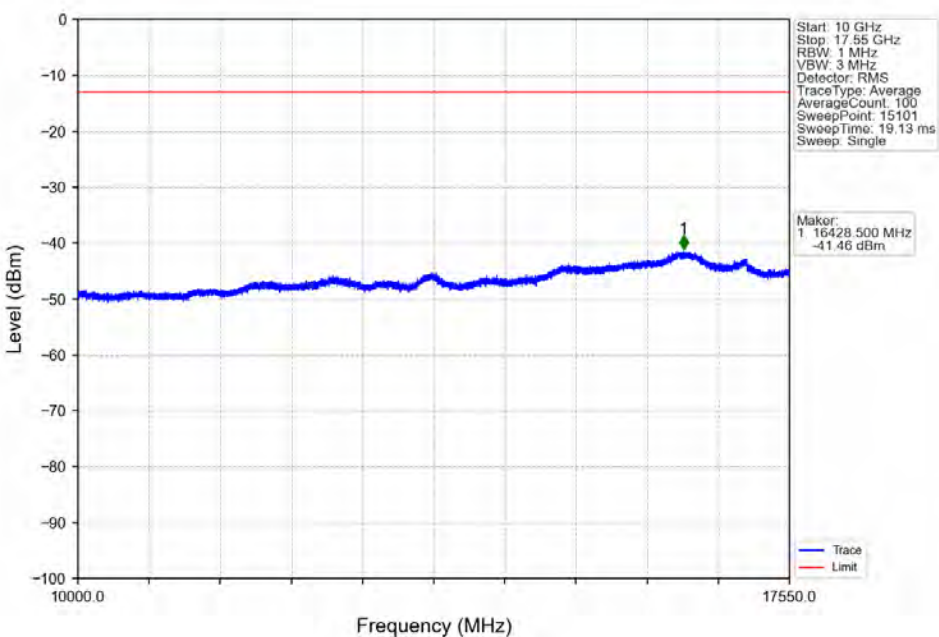
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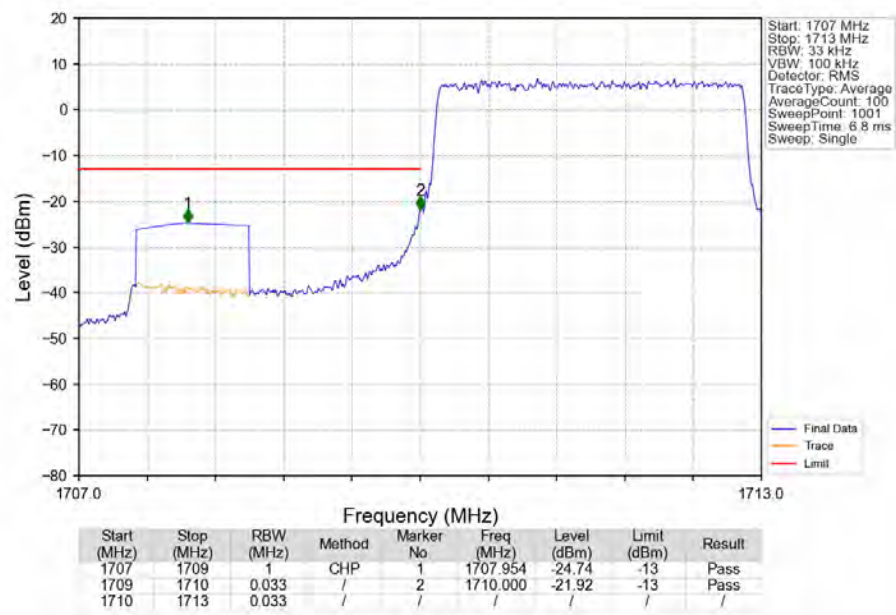
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



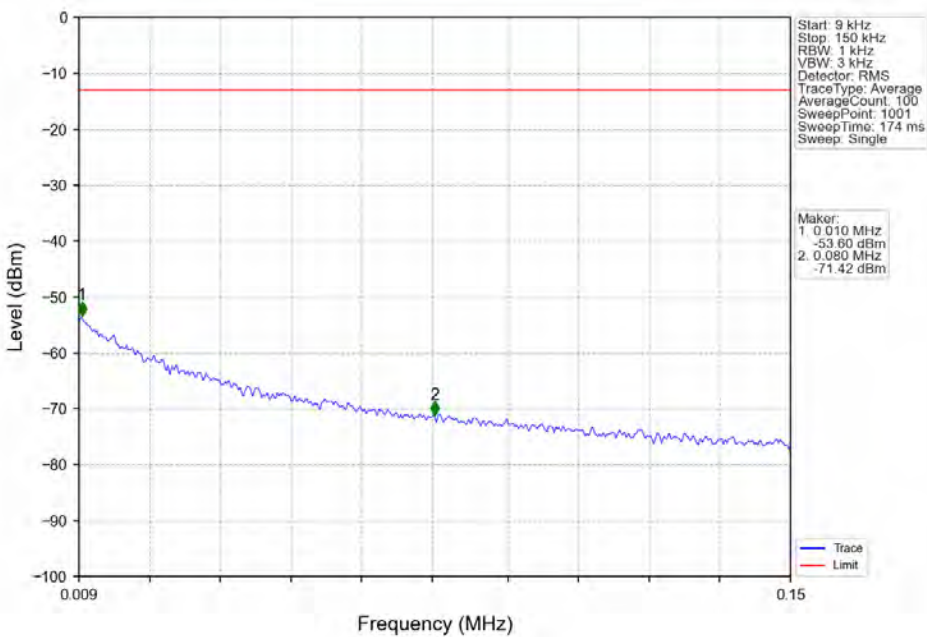
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



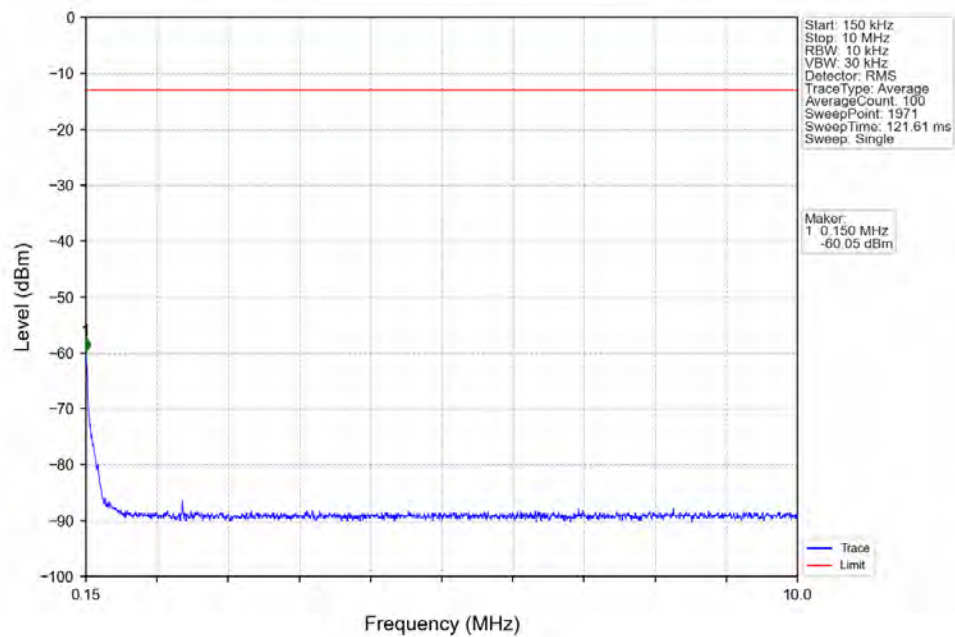
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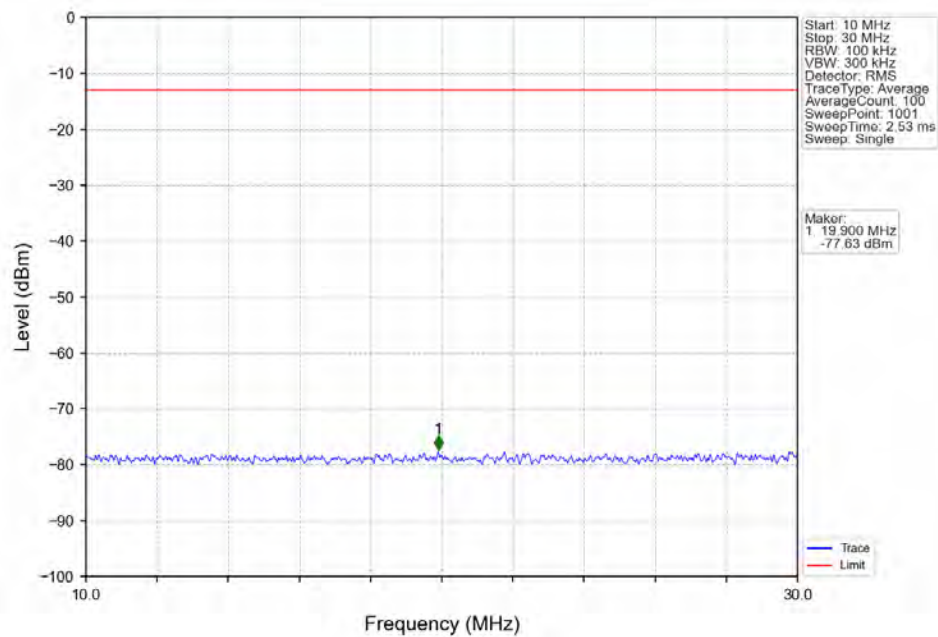
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



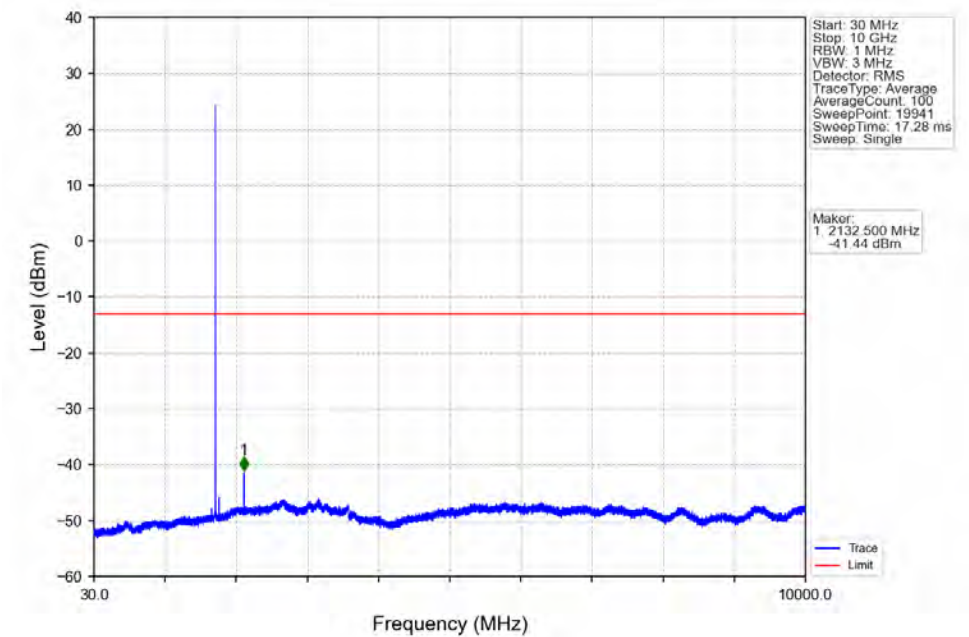
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



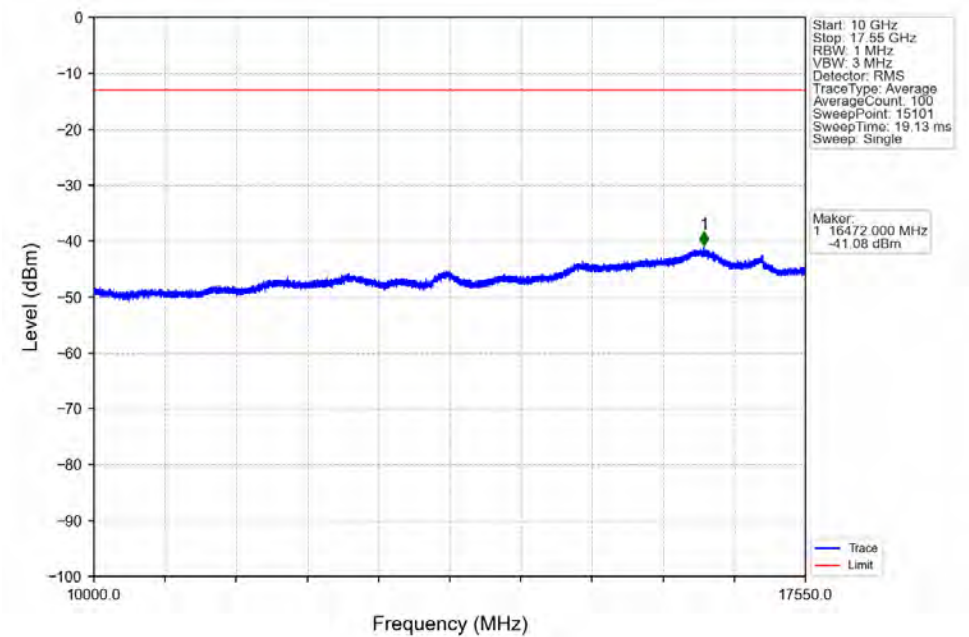
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



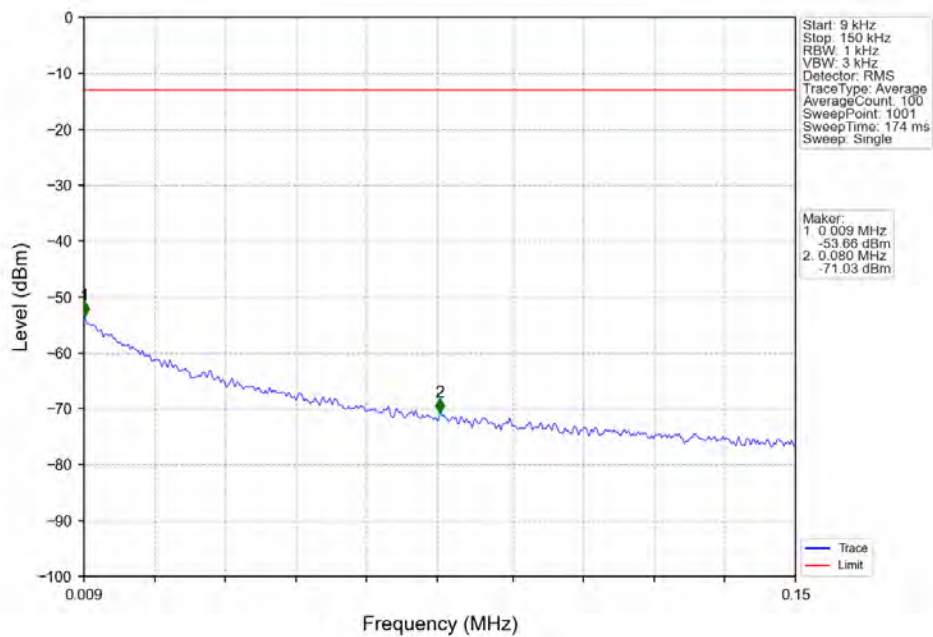
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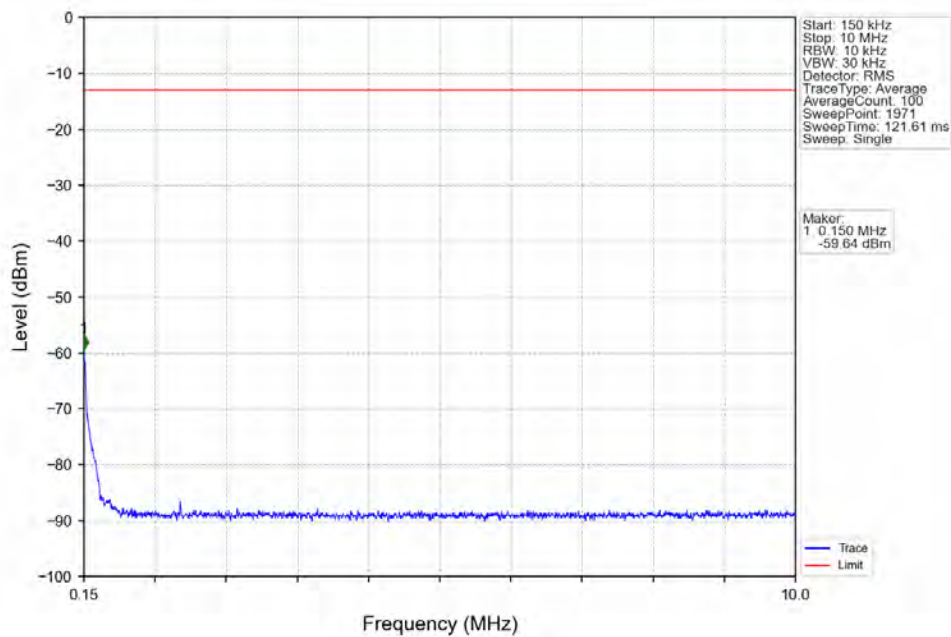
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



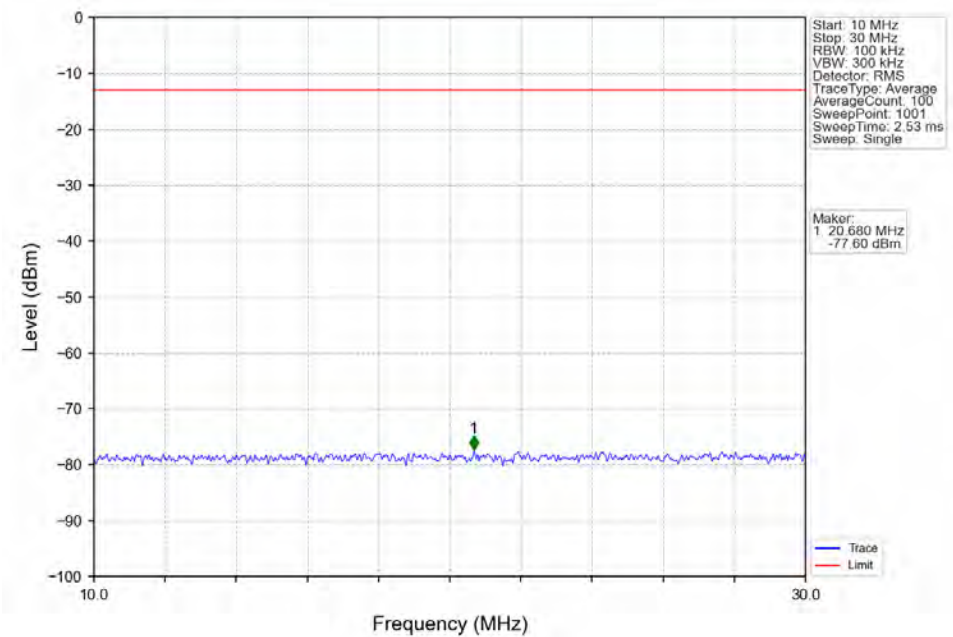
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



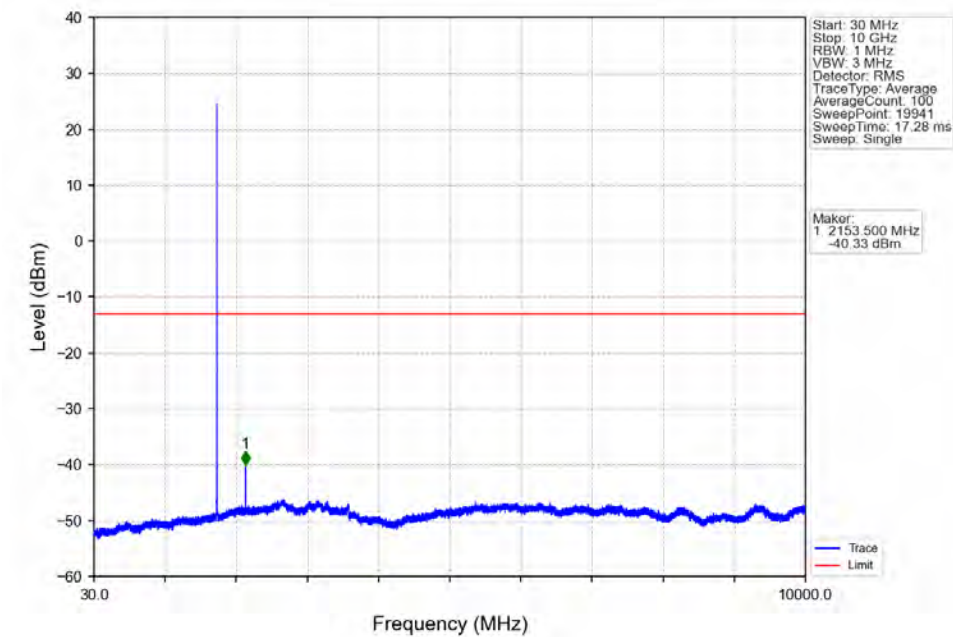
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



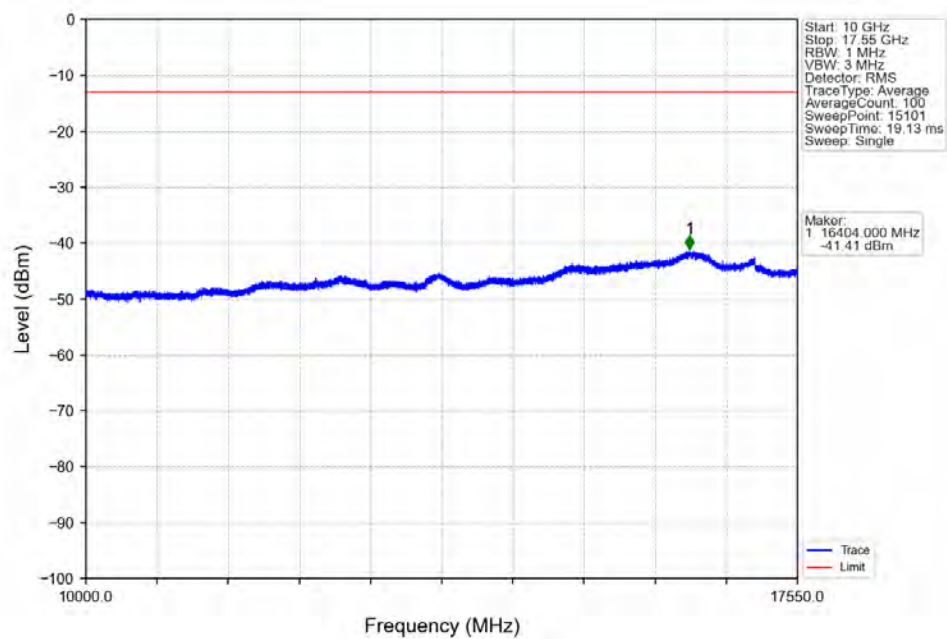
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



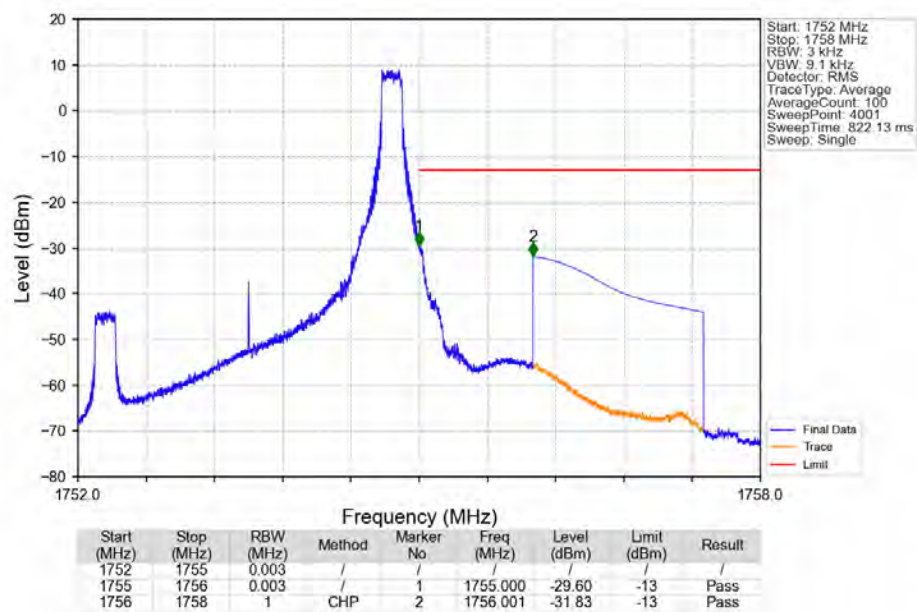
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



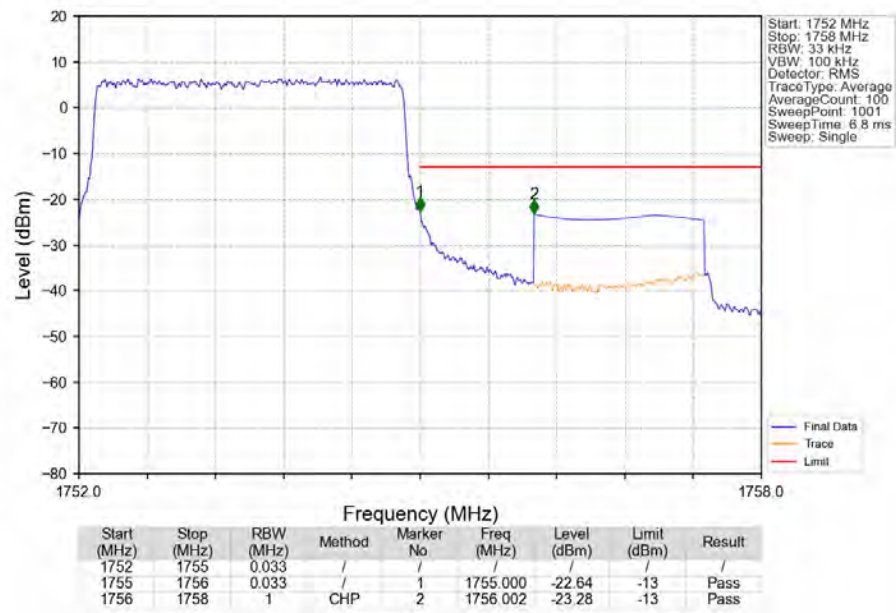
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



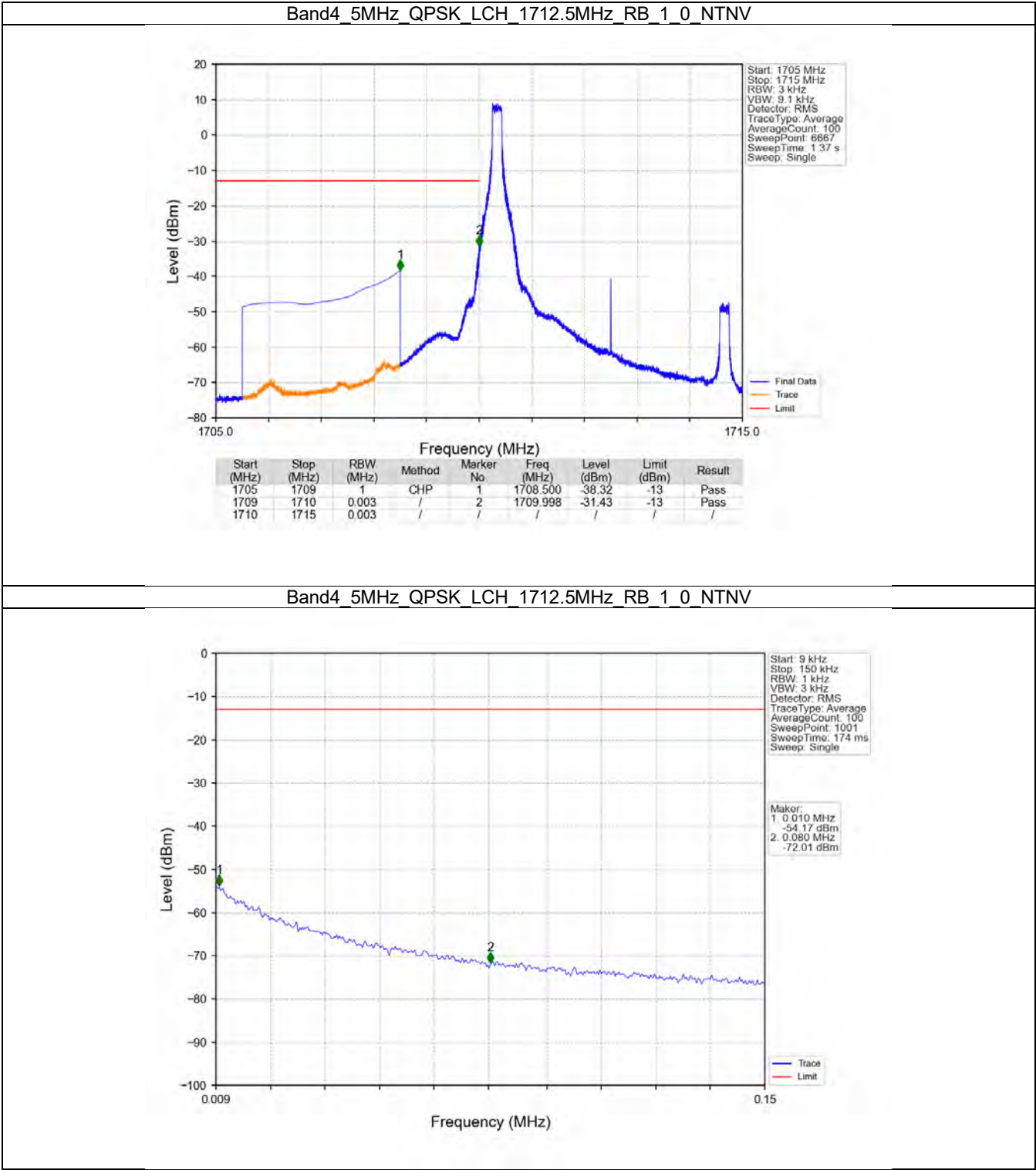
Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV



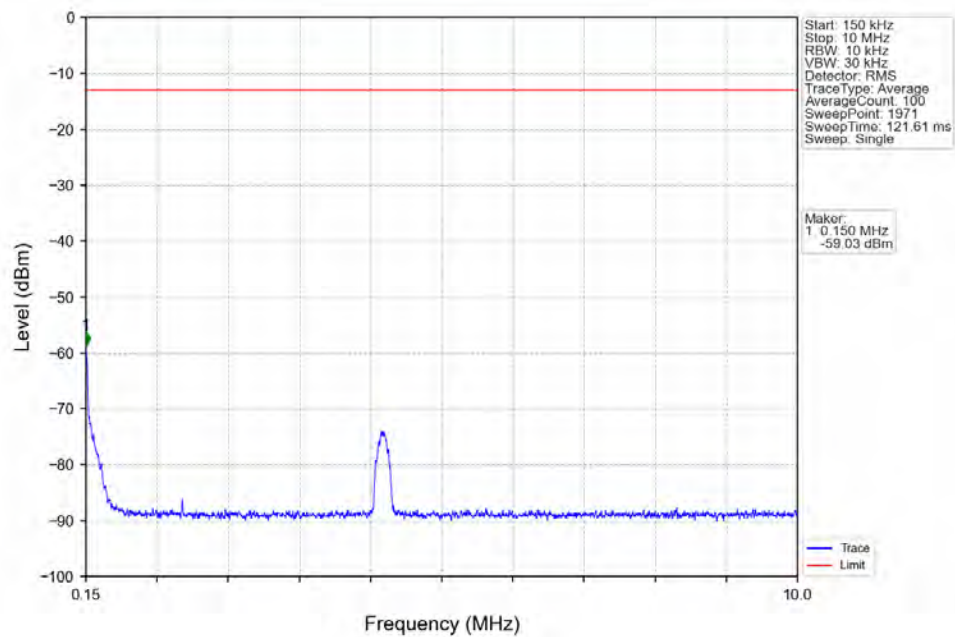
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



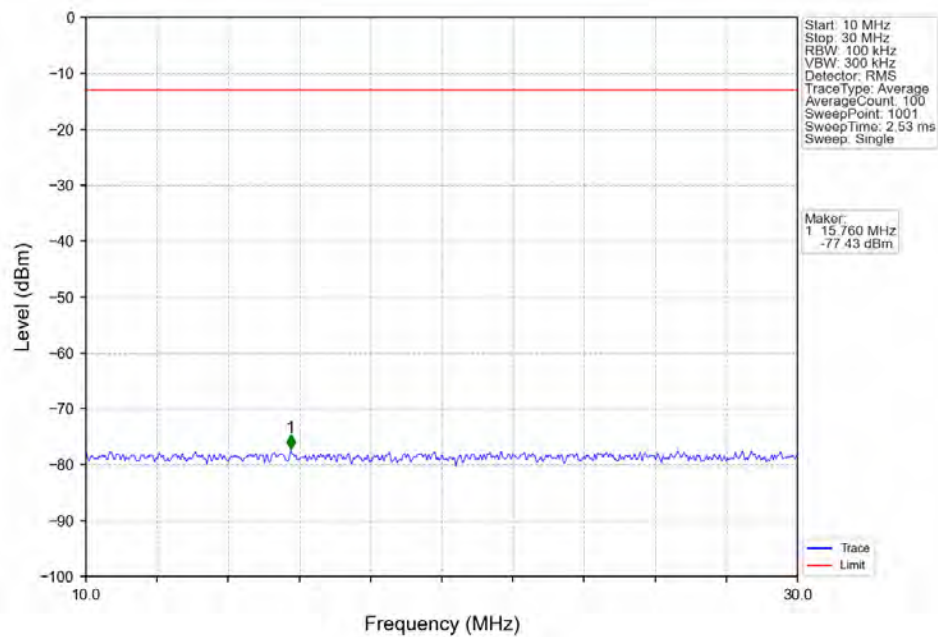
5.2.3 B4_5MHz



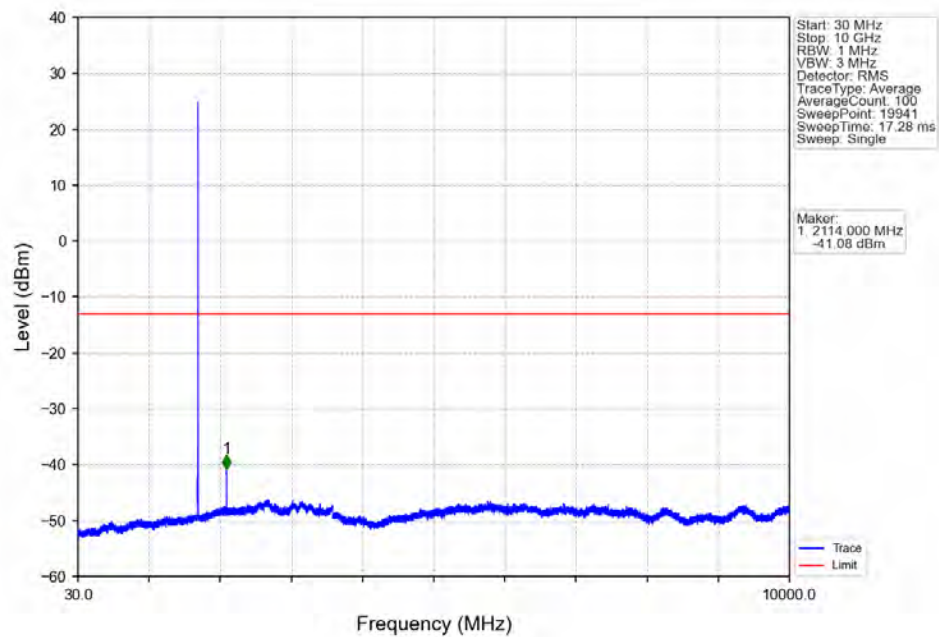
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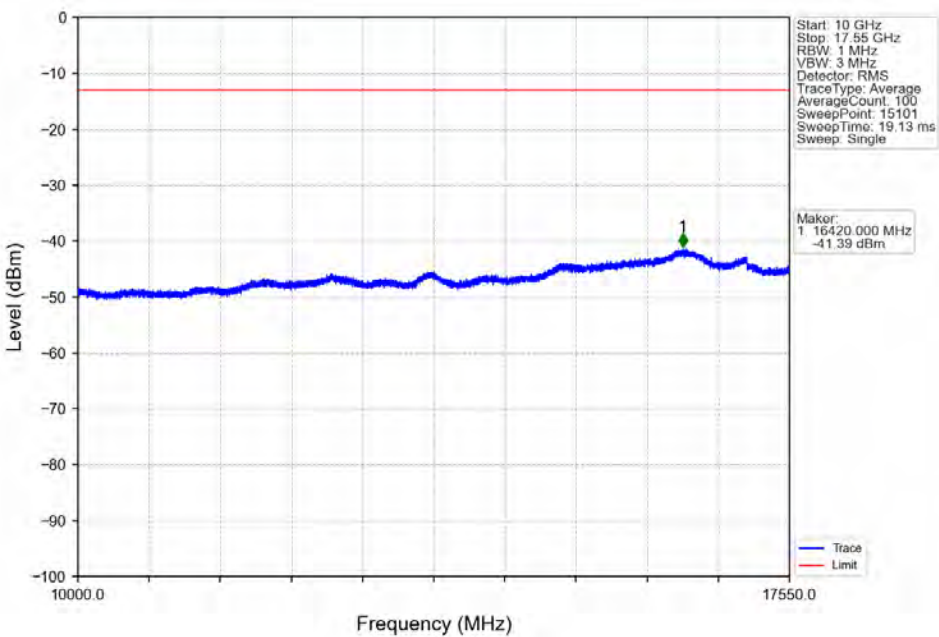
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



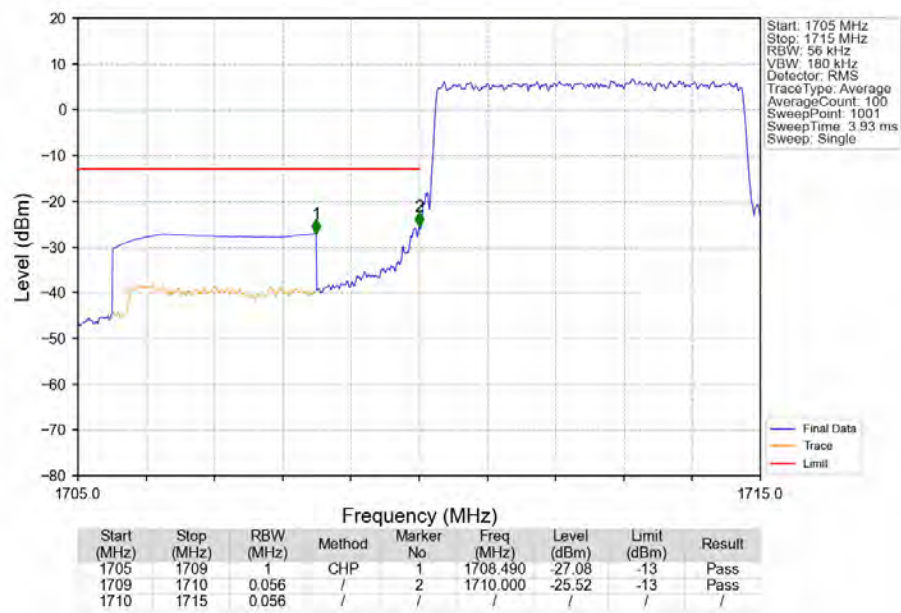
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN

