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Appendix B.19

LTE Band 43(3700-3800)



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band43	5MHz	QPSK	44615	1RB#0	25.38	19.28	30	PASS
Band43	5MHz	16QAM	44615	1RB#0	24.44	18.34	30	PASS
Band43	5MHz	64QAM	44615	1RB#0	23.74	17.64	30	PASS
Band43	5MHz	256QAM	44615	1RB#0	20.55	14.45	30	PASS
Band43	5MHz	QPSK	44615	1RB#12	25.43	19.33	30	PASS
Band43	5MHz	16QAM	44615	1RB#12	24.52	18.42	30	PASS
Band43	5MHz	64QAM	44615	1RB#12	23.72	17.62	30	PASS
Band43	5MHz	256QAM	44615	1RB#12	20.56	14.46	30	PASS
Band43	5MHz	QPSK	44615	1RB#24	25.37	19.27	30	PASS
Band43	5MHz	16QAM	44615	1RB#24	24.51	18.41	30	PASS
Band43	5MHz	64QAM	44615	1RB#24	23.47	17.37	30	PASS
Band43	5MHz	256QAM	44615	1RB#24	20.51	14.41	30	PASS
Band43	5MHz	QPSK	44615	12RB#0	24.45	18.35	30	PASS
Band43	5MHz	16QAM	44615	12RB#0	23.51	17.41	30	PASS
Band43	5MHz	64QAM	44615	12RB#0	22.5	16.4	30	PASS
Band43	5MHz	256QAM	44615	12RB#0	20.46	14.36	30	PASS
Band43	5MHz	QPSK	44615	12RB#6	24.45	18.35	30	PASS
Band43	5MHz	16QAM	44615	12RB#6	23.44	17.34	30	PASS
Band43	5MHz	64QAM	44615	12RB#6	22.51	16.41	30	PASS
Band43	5MHz	256QAM	44615	12RB#6	20.49	14.39	30	PASS
Band43	5MHz	QPSK	44615	12RB#13	24.4	18.3	30	PASS
Band43	5MHz	16QAM	44615	12RB#13	23.4	17.3	30	PASS
Band43	5MHz	64QAM	44615	12RB#13	22.44	16.34	30	PASS
Band43	5MHz	256QAM	44615	12RB#13	20.39	14.29	30	PASS
Band43	5MHz	QPSK	44615	25RB#0	24.38	18.28	30	PASS
Band43	5MHz	16QAM	44615	25RB#0	23.39	17.29	30	PASS
Band43	5MHz	64QAM	44615	25RB#0	22.4	16.3	30	PASS
Band43	5MHz	256QAM	44615	25RB#0	20.35	14.25	30	PASS
Band43	5MHz	QPSK	45090	1RB#0	25.29	19.19	30	PASS



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Band43	5MHz	16QAM	45090	1RB#0	24.36	18.26	30	PASS
Band43	5MHz	64QAM	45090	1RB#0	23.71	17.61	30	PASS
Band43	5MHz	256QAM	45090	1RB#0	20.37	14.27	30	PASS
Band43	5MHz	QPSK	45090	1RB#12	25.34	19.24	30	PASS
Band43	5MHz	16QAM	45090	1RB#12	24.37	18.27	30	PASS
Band43	5MHz	64QAM	45090	1RB#12	23.7	17.6	30	PASS
Band43	5MHz	256QAM	45090	1RB#12	20.5	14.4	30	PASS
Band43	5MHz	QPSK	45090	1RB#24	25.27	19.17	30	PASS
Band43	5MHz	16QAM	45090	1RB#24	24.53	18.43	30	PASS
Band43	5MHz	64QAM	45090	1RB#24	23.62	17.52	30	PASS
Band43	5MHz	256QAM	45090	1RB#24	20.41	14.31	30	PASS
Band43	5MHz	QPSK	45090	12RB#0	24.29	18.19	30	PASS
Band43	5MHz	16QAM	45090	12RB#0	23.49	17.39	30	PASS
Band43	5MHz	64QAM	45090	12RB#0	22.43	16.33	30	PASS
Band43	5MHz	256QAM	45090	12RB#0	20.4	14.3	30	PASS
Band43	5MHz	QPSK	45090	12RB#6	24.39	18.29	30	PASS
Band43	5MHz	16QAM	45090	12RB#6	23.36	17.26	30	PASS
Band43	5MHz	64QAM	45090	12RB#6	22.38	16.28	30	PASS
Band43	5MHz	256QAM	45090	12RB#6	20.31	14.21	30	PASS
Band43	5MHz	QPSK	45090	12RB#13	24.39	18.29	30	PASS
Band43	5MHz	16QAM	45090	12RB#13	23.39	17.29	30	PASS
Band43	5MHz	64QAM	45090	12RB#13	22.38	16.28	30	PASS
Band43	5MHz	256QAM	45090	12RB#13	20.38	14.28	30	PASS
Band43	5MHz	QPSK	45090	25RB#0	24.4	18.3	30	PASS
Band43	5MHz	16QAM	45090	25RB#0	23.37	17.27	30	PASS
Band43	5MHz	64QAM	45090	25RB#0	22.4	16.3	30	PASS
Band43	5MHz	256QAM	45090	25RB#0	20.38	14.28	30	PASS
Band43	5MHz	QPSK	45565	1RB#0	25.32	19.22	30	PASS
Band43	5MHz	16QAM	45565	1RB#0	24.44	18.34	30	PASS
Band43	5MHz	64QAM	45565	1RB#0	23.65	17.55	30	PASS
Band43	5MHz	256QAM	45565	1RB#0	20.41	14.31	30	PASS
Band43	5MHz	QPSK	45565	1RB#12	25.39	19.29	30	PASS
Band43	5MHz	16QAM	45565	1RB#12	24.46	18.36	30	PASS
Band43	5MHz	64QAM	45565	1RB#12	23.8	17.7	30	PASS



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Band43	5MHz	256QAM	45565	1RB#12	20.59	14.49	30	PASS
Band43	5MHz	QPSK	45565	1RB#24	25.28	19.18	30	PASS
Band43	5MHz	16QAM	45565	1RB#24	24.42	18.32	30	PASS
Band43	5MHz	64QAM	45565	1RB#24	23.65	17.55	30	PASS
Band43	5MHz	256QAM	45565	1RB#24	20.53	14.43	30	PASS
Band43	5MHz	QPSK	45565	12RB#0	24.35	18.25	30	PASS
Band43	5MHz	16QAM	45565	12RB#0	23.48	17.38	30	PASS
Band43	5MHz	64QAM	45565	12RB#0	22.47	16.37	30	PASS
Band43	5MHz	256QAM	45565	12RB#0	20.31	14.21	30	PASS
Band43	5MHz	QPSK	45565	12RB#6	24.47	18.37	30	PASS
Band43	5MHz	16QAM	45565	12RB#6	23.44	17.34	30	PASS
Band43	5MHz	64QAM	45565	12RB#6	22.43	16.33	30	PASS
Band43	5MHz	256QAM	45565	12RB#6	20.44	14.34	30	PASS
Band43	5MHz	QPSK	45565	12RB#13	24.38	18.28	30	PASS
Band43	5MHz	16QAM	45565	12RB#13	23.39	17.29	30	PASS
Band43	5MHz	64QAM	45565	12RB#13	22.46	16.36	30	PASS
Band43	5MHz	256QAM	45565	12RB#13	20.41	14.31	30	PASS
Band43	5MHz	QPSK	45565	25RB#0	24.39	18.29	30	PASS
Band43	5MHz	16QAM	45565	25RB#0	23.41	17.31	30	PASS
Band43	5MHz	64QAM	45565	25RB#0	22.39	16.29	30	PASS
Band43	5MHz	256QAM	45565	25RB#0	20.37	14.27	30	PASS
Band43	10MHz	QPSK	44640	1RB#0	25.34	19.24	30	PASS
Band43	10MHz	16QAM	44640	1RB#0	24.55	18.45	30	PASS
Band43	10MHz	64QAM	44640	1RB#0	23.78	17.68	30	PASS
Band43	10MHz	256QAM	44640	1RB#0	20.42	14.32	30	PASS
Band43	10MHz	QPSK	44640	1RB#24	25.37	19.27	30	PASS
Band43	10MHz	16QAM	44640	1RB#24	24.52	18.42	30	PASS
Band43	10MHz	64QAM	44640	1RB#24	23.65	17.55	30	PASS
Band43	10MHz	256QAM	44640	1RB#24	20.51	14.41	30	PASS
Band43	10MHz	QPSK	44640	1RB#49	25.37	19.27	30	PASS
Band43	10MHz	16QAM	44640	1RB#49	24.42	18.32	30	PASS
Band43	10MHz	64QAM	44640	1RB#49	23.68	17.58	30	PASS
Band43	10MHz	256QAM	44640	1RB#49	20.54	14.44	30	PASS
Band43	10MHz	QPSK	44640	25RB#0	24.33	18.23	30	PASS



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Band43	10MHz	16QAM	44640	25RB#0	23.37	17.27	30	PASS
Band43	10MHz	64QAM	44640	25RB#0	22.39	16.29	30	PASS
Band43	10MHz	256QAM	44640	25RB#0	20.38	14.28	30	PASS
Band43	10MHz	QPSK	44640	25RB#12	24.37	18.27	30	PASS
Band43	10MHz	16QAM	44640	25RB#12	23.33	17.23	30	PASS
Band43	10MHz	64QAM	44640	25RB#12	22.36	16.26	30	PASS
Band43	10MHz	256QAM	44640	25RB#12	20.38	14.28	30	PASS
Band43	10MHz	QPSK	44640	25RB#25	24.39	18.29	30	PASS
Band43	10MHz	16QAM	44640	25RB#25	23.37	17.27	30	PASS
Band43	10MHz	64QAM	44640	25RB#25	22.37	16.27	30	PASS
Band43	10MHz	256QAM	44640	25RB#25	20.39	14.29	30	PASS
Band43	10MHz	QPSK	44640	50RB#0	24.32	18.22	30	PASS
Band43	10MHz	16QAM	44640	50RB#0	23.32	17.22	30	PASS
Band43	10MHz	64QAM	44640	50RB#0	22.31	16.21	30	PASS
Band43	10MHz	256QAM	44640	50RB#0	20.27	14.17	30	PASS
Band43	10MHz	QPSK	45090	1RB#0	25.26	19.16	30	PASS
Band43	10MHz	16QAM	45090	1RB#0	24.32	18.22	30	PASS
Band43	10MHz	64QAM	45090	1RB#0	23.65	17.55	30	PASS
Band43	10MHz	256QAM	45090	1RB#0	20.31	14.21	30	PASS
Band43	10MHz	QPSK	45090	1RB#24	25.3	19.2	30	PASS
Band43	10MHz	16QAM	45090	1RB#24	24.4	18.3	30	PASS
Band43	10MHz	64QAM	45090	1RB#24	23.75	17.65	30	PASS
Band43	10MHz	256QAM	45090	1RB#24	20.49	14.39	30	PASS
Band43	10MHz	QPSK	45090	1RB#49	25.36	19.26	30	PASS
Band43	10MHz	16QAM	45090	1RB#49	24.43	18.33	30	PASS
Band43	10MHz	64QAM	45090	1RB#49	23.69	17.59	30	PASS
Band43	10MHz	256QAM	45090	1RB#49	20.51	14.41	30	PASS
Band43	10MHz	QPSK	45090	25RB#0	24.31	18.21	30	PASS
Band43	10MHz	16QAM	45090	25RB#0	23.4	17.3	30	PASS
Band43	10MHz	64QAM	45090	25RB#0	22.33	16.23	30	PASS
Band43	10MHz	256QAM	45090	25RB#0	20.27	14.17	30	PASS
Band43	10MHz	QPSK	45090	25RB#12	24.37	18.27	30	PASS
Band43	10MHz	16QAM	45090	25RB#12	23.36	17.26	30	PASS
Band43	10MHz	64QAM	45090	25RB#12	22.37	16.27	30	PASS



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Band43	10MHz	QPSK	45090	25RB#25	24.34	18.24	30	PASS
Band43	10MHz	16QAM	45090	25RB#25	23.37	17.27	30	PASS
Band43	10MHz	64QAM	45090	25RB#25	22.4	16.3	30	PASS
Band43	10MHz	256QAM	45090	25RB#25	20.45	14.35	30	PASS
Band43	10MHz	QPSK	45090	50RB#0	24.33	18.23	30	PASS
Band43	10MHz	16QAM	45090	50RB#0	23.35	17.25	30	PASS
Band43	10MHz	64QAM	45090	50RB#0	22.37	16.27	30	PASS
Band43	10MHz	256QAM	45090	50RB#0	20.35	14.25	30	PASS
Band43	10MHz	QPSK	45540	1RB#0	26.26	20.16	30	PASS
Band43	10MHz	16QAM	45540	1RB#0	24.43	18.33	30	PASS
Band43	10MHz	64QAM	45540	1RB#0	23.71	17.61	30	PASS
Band43	10MHz	256QAM	45540	1RB#0	20.29	14.19	30	PASS
Band43	10MHz	QPSK	45540	1RB#24	25.28	19.18	30	PASS
Band43	10MHz	16QAM	45540	1RB#24	24.48	18.38	30	PASS
Band43	10MHz	64QAM	45540	1RB#24	23.7	17.6	30	PASS
Band43	10MHz	256QAM	45540	1RB#24	20.56	14.46	30	PASS
Band43	10MHz	QPSK	45540	1RB#49	25.31	19.21	30	PASS
Band43	10MHz	16QAM	45540	1RB#49	24.55	18.45	30	PASS
Band43	10MHz	64QAM	45540	1RB#49	23.59	17.49	30	PASS
Band43	10MHz	256QAM	45540	1RB#49	20.48	14.38	30	PASS
Band43	10MHz	QPSK	45540	25RB#0	24.28	18.18	30	PASS
Band43	10MHz	16QAM	45540	25RB#0	23.31	17.21	30	PASS
Band43	10MHz	64QAM	45540	25RB#0	22.34	16.24	30	PASS
Band43	10MHz	256QAM	45540	25RB#0	20.31	14.21	30	PASS
Band43	10MHz	QPSK	45540	25RB#12	24.3	18.2	30	PASS
Band43	10MHz	16QAM	45540	25RB#12	23.36	17.26	30	PASS
Band43	10MHz	64QAM	45540	25RB#12	22.36	16.26	30	PASS
Band43	10MHz	256QAM	45540	25RB#12	20.36	14.26	30	PASS
Band43	10MHz	QPSK	45540	25RB#25	24.4	18.3	30	PASS
Band43	10MHz	16QAM	45540	25RB#25	23.37	17.27	30	PASS
Band43	10MHz	64QAM	45540	25RB#25	22.4	16.3	30	PASS
Band43	10MHz	256QAM	45540	25RB#25	20.42	14.32	30	PASS
Band43	10MHz	QPSK	45540	50RB#0	24.3	18.2	30	PASS



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Band43	10MHz	16QAM	45540	50RB#0	23.32	17.22	30	PASS
Band43	10MHz	64QAM	45540	50RB#0	22.3	16.2	30	PASS
Band43	10MHz	256QAM	45540	50RB#0	20.33	14.23	30	PASS
Band43	15MHz	QPSK	44665	1RB#0	25.15	19.05	30	PASS
Band43	15MHz	16QAM	44665	1RB#0	24.21	18.11	30	PASS
Band43	15MHz	64QAM	44665	1RB#0	23.49	17.39	30	PASS
Band43	15MHz	256QAM	44665	1RB#0	20.27	14.17	30	PASS
Band43	15MHz	QPSK	44665	1RB#38	25.17	19.07	30	PASS
Band43	15MHz	16QAM	44665	1RB#38	24.36	18.26	30	PASS
Band43	15MHz	64QAM	44665	1RB#38	23.48	17.38	30	PASS
Band43	15MHz	256QAM	44665	1RB#38	20.35	14.25	30	PASS
Band43	15MHz	QPSK	44665	1RB#74	25.16	19.06	30	PASS
Band43	15MHz	16QAM	44665	1RB#74	24.18	18.08	30	PASS
Band43	15MHz	64QAM	44665	1RB#74	23.47	17.37	30	PASS
Band43	15MHz	256QAM	44665	1RB#74	20.41	14.31	30	PASS
Band43	15MHz	QPSK	44665	38RB#0	25.19	19.09	30	PASS
Band43	15MHz	16QAM	44665	38RB#0	24.27	18.17	30	PASS
Band43	15MHz	64QAM	44665	38RB#0	23.55	17.45	30	PASS
Band43	15MHz	256QAM	44665	38RB#0	20.21	14.11	30	PASS
Band43	15MHz	QPSK	44665	38RB#18	25.3	19.2	30	PASS
Band43	15MHz	16QAM	44665	38RB#18	24.39	18.29	30	PASS
Band43	15MHz	64QAM	44665	38RB#18	23.63	17.53	30	PASS
Band43	15MHz	256QAM	44665	38RB#18	20.39	14.29	30	PASS
Band43	15MHz	QPSK	44665	38RB#37	25.1	19	30	PASS
Band43	15MHz	16QAM	44665	38RB#37	24.39	18.29	30	PASS
Band43	15MHz	QPSK	44665	1RB#0	25.16	19.28	30	PASS
Band43	15MHz	16QAM	44665	1RB#0	24.22	18.34	30	PASS
Band43	15MHz	64QAM	44665	1RB#0	23.48	17.64	30	PASS
Band43	15MHz	256QAM	44665	1RB#0	20.25	14.45	30	PASS
Band43	15MHz	QPSK	44665	1RB#38	25.14	19.33	30	PASS
Band43	15MHz	16QAM	44665	1RB#38	24.37	18.42	30	PASS
Band43	15MHz	64QAM	44665	1RB#38	23.49	17.62	30	PASS
Band43	15MHz	256QAM	44665	1RB#38	20.37	14.46	30	PASS
Band43	15MHz	QPSK	44665	1RB#74	25.01	19.27	30	PASS



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Band43	15MHz	16QAM	44665	1RB#74	24.27	18.41	30	PASS
Band43	15MHz	64QAM	44665	1RB#74	23.41	17.37	30	PASS
Band43	15MHz	256QAM	44665	1RB#74	20.42	14.41	30	PASS
Band43	15MHz	QPSK	44665	38RB#0	25.03	18.35	30	PASS
Band43	15MHz	16QAM	44665	38RB#0	24.18	17.41	30	PASS
Band43	15MHz	64QAM	44665	38RB#0	23.46	16.4	30	PASS
Band43	15MHz	256QAM	44665	38RB#0	20.27	14.36	30	PASS
Band43	15MHz	QPSK	44665	38RB#18	25.21	18.35	30	PASS
Band43	15MHz	16QAM	44665	38RB#18	24.3	17.34	30	PASS
Band43	15MHz	64QAM	44665	38RB#18	23.6	16.41	30	PASS
Band43	15MHz	256QAM	44665	38RB#18	20.42	14.39	30	PASS
Band43	15MHz	QPSK	44665	38RB#37	25.2	18.3	30	PASS
Band43	15MHz	16QAM	44665	38RB#37	24.27	17.3	30	PASS
Band43	15MHz	64QAM	44665	38RB#37	23.47	16.34	30	PASS
Band43	15MHz	256QAM	44665	38RB#37	20.4	14.29	30	PASS
Band43	15MHz	QPSK	44665	75RB#0	24.16	18.28	30	PASS
Band43	15MHz	16QAM	44665	75RB#0	23.13	17.29	30	PASS
Band43	15MHz	64QAM	44665	75RB#0	22.21	16.3	30	PASS
Band43	15MHz	256QAM	44665	75RB#0	20.17	14.25	30	PASS
Band43	15MHz	QPSK	45090	1RB#0	25.04	19.19	30	PASS
Band43	15MHz	16QAM	45090	1RB#0	24.03	18.26	30	PASS
Band43	15MHz	64QAM	45090	1RB#0	23.2	17.61	30	PASS
Band43	15MHz	256QAM	45090	1RB#0	20.02	14.27	30	PASS
Band43	15MHz	QPSK	45090	1RB#38	25.1	19.24	30	PASS
Band43	15MHz	16QAM	45090	1RB#38	24.27	18.27	30	PASS
Band43	15MHz	64QAM	45090	1RB#38	23.49	17.6	30	PASS
Band43	15MHz	256QAM	45090	1RB#38	20.24	14.4	30	PASS
Band43	15MHz	QPSK	45090	1RB#74	25.14	19.17	30	PASS
Band43	15MHz	16QAM	45090	1RB#74	24.33	18.43	30	PASS
Band43	15MHz	64QAM	45090	1RB#74	23.68	17.52	30	PASS
Band43	15MHz	256QAM	45090	1RB#74	20.41	14.31	30	PASS
Band43	15MHz	QPSK	45090	38RB#0	25.01	18.19	30	PASS
Band43	15MHz	16QAM	45090	38RB#0	24.1	17.39	30	PASS
Band43	15MHz	64QAM	45090	38RB#0	23.28	16.33	30	PASS



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Band43	15MHz	256QAM	45090	38RB#0	19.99	14.3	30	PASS
Band43	15MHz	QPSK	45090	38RB#18	25.24	18.29	30	PASS
Band43	15MHz	16QAM	45090	38RB#18	24.2	17.26	30	PASS
Band43	15MHz	QPSK	45090	1RB#0	24.91	16.28	30	PASS
Band43	15MHz	16QAM	45090	1RB#0	24.06	14.21	30	PASS
Band43	15MHz	64QAM	45090	1RB#0	23.4	18.29	30	PASS
Band43	15MHz	256QAM	45090	1RB#0	20.1	17.29	30	PASS
Band43	15MHz	QPSK	45090	1RB#38	25.14	16.28	30	PASS
Band43	15MHz	16QAM	45090	1RB#38	24.18	14.28	30	PASS
Band43	15MHz	64QAM	45090	1RB#38	23.35	18.3	30	PASS
Band43	15MHz	256QAM	45090	1RB#38	20.34	17.27	30	PASS
Band43	15MHz	QPSK	45090	1RB#74	25.2	16.3	30	PASS
Band43	15MHz	16QAM	45090	1RB#74	24.29	14.28	30	PASS
Band43	15MHz	64QAM	45090	1RB#74	23.46	19.22	30	PASS
Band43	15MHz	256QAM	45090	1RB#74	20.5	18.34	30	PASS
Band43	15MHz	QPSK	45090	38RB#0	25	17.55	30	PASS
Band43	15MHz	16QAM	45090	38RB#0	24.01	14.31	30	PASS
Band43	15MHz	64QAM	45090	38RB#0	23.23	19.29	30	PASS
Band43	15MHz	256QAM	45090	38RB#0	20.1	18.36	30	PASS
Band43	15MHz	QPSK	45090	38RB#18	25.19	17.7	30	PASS
Band43	15MHz	16QAM	45090	38RB#18	24.28	14.49	30	PASS
Band43	15MHz	64QAM	45090	38RB#18	23.44	19.18	30	PASS
Band43	15MHz	256QAM	45090	38RB#18	20.29	18.32	30	PASS
Band43	15MHz	QPSK	45090	38RB#37	25.06	17.55	30	PASS
Band43	15MHz	16QAM	45090	38RB#37	24.18	14.43	30	PASS
Band43	15MHz	QPSK	45090	1RB#0	25.01	18.25	30	PASS
Band43	15MHz	16QAM	45090	1RB#0	24.13	17.38	30	PASS
Band43	15MHz	64QAM	45090	1RB#0	23.25	16.37	30	PASS
Band43	15MHz	256QAM	45090	1RB#0	20.1	14.21	30	PASS
Band43	15MHz	QPSK	45090	1RB#38	25.11	18.37	30	PASS
Band43	15MHz	16QAM	45090	1RB#38	24.16	17.34	30	PASS
Band43	15MHz	64QAM	45090	1RB#38	23.4	16.33	30	PASS
Band43	15MHz	256QAM	45090	1RB#38	20.28	14.34	30	PASS
Band43	15MHz	QPSK	45090	1RB#74	25.2	18.28	30	PASS



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Band43	15MHz	16QAM	45090	1RB#74	24.29	17.29	30	PASS
Band43	15MHz	64QAM	45090	1RB#74	23.61	16.36	30	PASS
Band43	15MHz	256QAM	45090	1RB#74	20.21	14.31	30	PASS
Band43	15MHz	QPSK	45090	38RB#0	24.98	18.29	30	PASS
Band43	15MHz	QPSK	45515	1RB#0	25.12	17.31	30	PASS
Band43	15MHz	16QAM	45515	1RB#0	24.11	16.29	30	PASS
Band43	15MHz	64QAM	45515	1RB#0	23.44	14.27	30	PASS
Band43	15MHz	256QAM	45515	1RB#0	20.14	19.24	30	PASS
Band43	15MHz	QPSK	45515	1RB#38	25.16	18.45	30	PASS
Band43	15MHz	16QAM	45515	1RB#38	24.18	17.68	30	PASS
Band43	15MHz	64QAM	45515	1RB#38	23.57	14.32	30	PASS
Band43	15MHz	256QAM	45515	1RB#38	20.39	19.27	30	PASS
Band43	15MHz	QPSK	45515	1RB#74	25.24	18.42	30	PASS
Band43	15MHz	16QAM	45515	1RB#74	24.24	17.55	30	PASS
Band43	15MHz	64QAM	45515	1RB#74	23.48	14.41	30	PASS
Band43	15MHz	256QAM	45515	1RB#74	20.29	19.27	30	PASS
Band43	15MHz	QPSK	45515	38RB#0	25.13	18.32	30	PASS
Band43	15MHz	16QAM	45515	38RB#0	24.14	17.58	30	PASS
Band43	20MHz	QPSK	44690	1RB#0	25.46	14.44	30	PASS
Band43	20MHz	16QAM	44690	1RB#0	24.38	18.23	30	PASS
Band43	20MHz	64QAM	44690	1RB#0	23.24	17.27	30	PASS
Band43	20MHz	256QAM	44690	1RB#0	20.26	16.29	30	PASS
Band43	20MHz	QPSK	44690	1RB#49	25.43	14.28	30	PASS
Band43	20MHz	16QAM	44690	1RB#49	24.38	18.27	30	PASS
Band43	20MHz	64QAM	44690	1RB#49	23.51	17.23	30	PASS
Band43	20MHz	256QAM	44690	1RB#49	20.33	16.26	30	PASS
Band43	20MHz	QPSK	44690	1RB#99	25.39	14.28	30	PASS
Band43	20MHz	16QAM	44690	1RB#99	24.26	18.29	30	PASS
Band43	20MHz	64QAM	44690	1RB#99	23.47	17.27	30	PASS
Band43	20MHz	256QAM	44690	1RB#99	20.34	16.27	30	PASS
Band43	20MHz	QPSK	44690	50RB#0	24.21	14.29	30	PASS
Band43	20MHz	16QAM	44690	50RB#0	23.17	18.22	30	PASS
Band43	20MHz	64QAM	44690	50RB#0	22.23	17.22	30	PASS
Band43	20MHz	256QAM	44690	50RB#0	20.18	16.21	30	PASS



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Band43	20MHz	16QAM	44690	50RB#25	23.23	19.16	30	PASS
Band43	20MHz	64QAM	44690	50RB#25	22.31	18.22	30	PASS
Band43	20MHz	256QAM	44690	50RB#25	20.3	17.55	30	PASS
Band43	20MHz	QPSK	44690	50RB#50	24.19	14.21	30	PASS
Band43	20MHz	16QAM	44690	50RB#50	23.3	19.2	30	PASS
Band43	20MHz	64QAM	44690	50RB#50	22.22	18.3	30	PASS
Band43	20MHz	256QAM	44690	50RB#50	20.24	17.65	30	PASS
Band43	20MHz	QPSK	44690	100RB#0	24.19	14.39	30	PASS
Band43	20MHz	16QAM	44690	100RB#0	23.21	19.26	30	PASS
Band43	20MHz	64QAM	44690	100RB#0	22.15	18.33	30	PASS
Band43	20MHz	256QAM	44690	100RB#0	20.23	17.59	30	PASS
Band43	20MHz	QPSK	45090	1RB#0	25.14	14.41	30	PASS
Band43	20MHz	16QAM	45090	1RB#0	24.03	18.21	30	PASS
Band43	20MHz	64QAM	45090	1RB#0	23.33	17.3	30	PASS
Band43	20MHz	256QAM	45090	1RB#0	20.13	16.23	30	PASS
Band43	20MHz	QPSK	45090	1RB#49	25.13	14.17	30	PASS
Band43	20MHz	16QAM	45090	1RB#49	24.27	18.27	30	PASS
Band43	20MHz	64QAM	45090	1RB#49	23.48	17.26	30	PASS
Band43	20MHz	256QAM	45090	1RB#49	20.44	16.27	30	PASS
Band43	20MHz	QPSK	45090	1RB#99	25.25	14.3	30	PASS
Band43	20MHz	16QAM	45090	1RB#99	24.25	18.24	30	PASS
Band43	20MHz	64QAM	45090	1RB#99	23.71	17.27	30	PASS
Band43	20MHz	256QAM	45090	1RB#99	20.49	16.3	30	PASS
Band43	20MHz	QPSK	45090	50RB#0	24.05	14.35	30	PASS
Band43	20MHz	16QAM	45090	50RB#0	23.04	18.23	30	PASS
Band43	20MHz	64QAM	45090	50RB#0	22.11	17.25	30	PASS
Band43	20MHz	256QAM	45090	50RB#0	20.1	16.27	30	PASS
Band43	20MHz	QPSK	45090	50RB#25	24.28	14.25	30	PASS
Band43	20MHz	16QAM	45090	50RB#25	23.25	20.16	30	PASS
Band43	20MHz	64QAM	45090	50RB#25	22.28	18.33	30	PASS
Band43	20MHz	256QAM	45090	50RB#25	20.24	17.61	30	PASS
Band43	20MHz	QPSK	45090	50RB#50	24.37	14.19	30	PASS
Band43	20MHz	16QAM	45090	50RB#50	23.3	19.18	30	PASS



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Band43	20MHz	256QAM	45090	50RB#50	20.36	17.6	30	PASS
Band43	20MHz	QPSK	45090	100RB#0	24.29	14.46	30	PASS
Band43	20MHz	16QAM	45090	100RB#0	23.23	19.21	30	PASS
Band43	20MHz	64QAM	45090	100RB#0	22.3	18.45	30	PASS
Band43	20MHz	256QAM	45090	100RB#0	20.24	17.49	30	PASS
Band43	20MHz	QPSK	45490	1RB#0	25.19	14.38	30	PASS
Band43	20MHz	16QAM	45490	1RB#0	24.21	18.18	30	PASS
Band43	20MHz	64QAM	45490	1RB#0	23.44	17.21	30	PASS
Band43	20MHz	256QAM	45490	1RB#0	20.36	16.24	30	PASS
Band43	20MHz	QPSK	45490	1RB#49	25.17	14.21	30	PASS
Band43	20MHz	16QAM	45490	1RB#49	24.27	18.2	30	PASS
Band43	20MHz	64QAM	45490	1RB#49	23.58	17.26	30	PASS
Band43	20MHz	256QAM	45490	1RB#49	20.34	16.26	30	PASS
Band43	20MHz	QPSK	45490	1RB#99	25.18	14.26	30	PASS
Band43	20MHz	16QAM	45490	1RB#99	24.26	18.3	30	PASS
Band43	20MHz	64QAM	45490	1RB#99	23.47	17.27	30	PASS
Band43	20MHz	256QAM	45490	1RB#99	20.42	16.3	30	PASS
Band43	20MHz	QPSK	45490	50RB#0	24.17	14.32	30	PASS
Band43	20MHz	16QAM	45490	50RB#0	23.18	18.2	30	PASS
Band43	20MHz	64QAM	45490	50RB#0	22.22	17.22	30	PASS
Band43	20MHz	256QAM	45490	50RB#0	20.15	16.2	30	PASS
Band43	20MHz	QPSK	45490	50RB#25	24.19	14.23	30	PASS
Band43	20MHz	16QAM	45490	50RB#25	23.25	19.05	30	PASS
Band43	20MHz	64QAM	45490	50RB#25	22.22	18.11	30	PASS
Band43	20MHz	256QAM	45490	50RB#25	20.2	17.39	30	PASS
Band43	20MHz	QPSK	45490	50RB#50	24.29	14.17	30	PASS
Band43	20MHz	16QAM	45490	50RB#50	23.3	19.07	30	PASS
Band43	20MHz	64QAM	45490	50RB#50	22.34	18.26	30	PASS
Band43	20MHz	256QAM	45490	50RB#50	20.26	17.38	30	PASS
Band43	20MHz	QPSK	45490	100RB#0	24.13	14.25	30	PASS
Band43	20MHz	16QAM	45490	100RB#0	23.21	19.06	30	PASS
Band43	20MHz	64QAM	45490	100RB#0	22.12	18.08	30	PASS
Band43	20MHz	256QAM	45490	100RB#0	20.15	17.37	30	PASS



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2. Frequency Stability

2.4 B43d_20MHz

2.4.1 Test Result

Band: 43d / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3750	100	0	20	3.135	-1.500	-0.0004	/	Pass
					3.7	3.100	0.0008	/	Pass
					4.4	0.300	0.0001	/	Pass
				-30	3.7	3.000	0.0008	/	Pass
				-20	3.7	0.400	0.0001	/	Pass
				-10	3.7	-1.300	-0.0003	/	Pass
				0	3.7	1.100	0.0003	/	Pass
				10	3.7	-2.500	-0.0007	/	Pass
				30	3.7	3.300	0.0009	/	Pass
				40	3.7	-0.400	-0.0001	/	Pass
				50	3.7	-1.200	-0.0003	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = LTE_B43(3700-3800)

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5072.8036	27.72	-15.18	33.45	-49.27	-13.00	36.27	Horizontal
2	7874.4937	50.19	-41.99	37.25	-49.81	-13.00	36.81	Horizontal
3	9508.9754	49.68	-39.28	39.18	-45.68	-13.00	32.68	Horizontal
4	12913.5457	47.20	-35.79	39.58	-44.27	-13.00	31.27	Horizontal
5	15183.4592	46.99	-34.79	39.63	-43.43	-13.00	30.43	Horizontal
6	17903.3952	48.22	-37.55	42.22	-42.37	-13.00	29.37	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4977.8489	27.98	-15.26	33.14	-49.40	-13.00	36.40	Vertical
2	7896.6948	49.70	-41.84	37.38	-50.02	-13.00	37.02	Vertical
3	9463.9732	49.63	-39.73	39.06	-46.30	-13.00	33.30	Vertical
4	12898.5449	47.17	-35.78	39.50	-44.37	-13.00	31.37	Vertical
5	15087.4544	47.49	-34.56	39.81	-42.52	-13.00	29.52	Vertical
6	17976.5988	48.62	-37.94	42.66	-41.92	-13.00	28.92	Vertical



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Test Band = LTE_B43(3700-3800)
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5039.652	27.67	-15.11	33.34	-49.36	-13.00	36.36	Horizontal
2	7967.4984	50.49	-42.28	37.47	-49.58	-13.00	36.58	Horizontal
3	9479.574	49.26	-39.49	39.12	-46.37	-13.00	33.37	Horizontal
4	12531.3266	46.96	-36.14	39.47	-44.97	-13.00	31.97	Horizontal
5	13879.594	46.45	-34.84	40.56	-43.09	-13.00	30.09	Horizontal
6	17948.9974	48.09	-37.68	42.49	-42.36	-13.00	29.36	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5103.7052	27.40	-15.35	33.51	-49.70	-13.00	36.70	Vertical
2	7414.2707	50.14	-42.55	36.77	-50.90	-13.00	37.90	Vertical
3	9522.7761	49.51	-39.43	39.15	-46.03	-13.00	33.03	Vertical
4	12413.7207	46.99	-36.48	39.59	-45.16	-13.00	32.16	Vertical
5	15069.4535	47.43	-34.36	39.83	-42.36	-13.00	29.36	Vertical
6	17989.7995	48.25	-38.07	42.74	-42.34	-13.00	29.34	Vertical



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Test Band = LTE_B43(3700-3800)
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5097.4049	27.66	-15.31	33.49	-49.42	-13.00	36.42	Horizontal
2	7371.6686	50.43	-42.77	36.86	-50.74	-13.00	37.74	Horizontal
3	9530.5765	49.48	-39.52	39.14	-46.16	-13.00	33.16	Horizontal
4	11378.0689	47.51	-37.30	39.68	-45.37	-13.00	32.37	Horizontal
5	13407.9704	46.95	-35.45	40.28	-43.48	-13.00	30.48	Horizontal
6	17984.3992	48.27	-38.02	42.71	-42.30	-13.00	29.30	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5093.6547	27.51	-15.29	33.49	-49.55	-13.00	36.55	Vertical
2	7894.8947	49.58	-41.85	37.37	-50.16	-13.00	37.16	Vertical
3	9490.9745	49.46	-39.32	39.16	-45.96	-13.00	32.96	Vertical
4	11811.2906	46.85	-36.72	39.85	-45.28	-13.00	32.28	Vertical
5	15026.8513	47.25	-34.23	39.87	-42.37	-13.00	29.37	Vertical
6	17989.7995	48.15	-38.07	42.74	-42.44	-13.00	29.44	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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4. 99% & 26dB Bandwidth

4.1 Band43d_OBW

4.1.1 Test Result

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	4.515	/	Pass
		3750	25	0	4.529	/	Pass
		3797.5	25	0	4.522	/	Pass
	16QAM	3702.5	25	0	4.524	/	Pass
		3750	25	0	4.519	/	Pass
		3797.5	25	0	4.525	/	Pass
	64QAM	3702.5	25	0	4.527	/	Pass
		3750	25	0	4.509	/	Pass
		3797.5	25	0	4.513	/	Pass
	256QAM	3702.5	25	0	4.535	/	Pass
		3750	25	0	4.515	/	Pass
		3797.5	25	0	4.521	/	Pass
10	QPSK	3705	50	0	9.012	/	Pass
		3750	50	0	9.003	/	Pass
		3795	50	0	9.055	/	Pass
	16QAM	3705	50	0	9.041	/	Pass
		3750	50	0	9.007	/	Pass
		3795	50	0	9.030	/	Pass
	64QAM	3705	50	0	9.028	/	Pass
		3750	50	0	9.009	/	Pass
		3795	50	0	9.008	/	Pass
	256QAM	3705	50	0	9.034	/	Pass
		3750	50	0	9.019	/	Pass
		3795	50	0	9.022	/	Pass
15	QPSK	3707.5	75	0	13.490	/	Pass
		3750	75	0	13.511	/	Pass
		3792.5	75	0	13.512	/	Pass
	16QAM	3707.5	75	0	13.528	/	Pass
		3750	75	0	13.530	/	Pass
		3792.5	75	0	13.500	/	Pass
	64QAM	3707.5	75	0	13.471	/	Pass
		3750	75	0	13.474	/	Pass
		3792.5	75	0	13.483	/	Pass
	256QAM	3707.5	75	0	13.494	/	Pass
		3750	75	0	13.534	/	Pass
		3792.5	75	0	13.514	/	Pass
20	QPSK	3710	100	0	18.039	/	Pass
		3750	100	0	18.084	/	Pass
		3790	100	0	18.024	/	Pass



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	16QAM	3710	100	0	18.103	/	Pass
		3750	100	0	18.098	/	Pass
		3790	100	0	18.035	/	Pass
	64QAM	3710	100	0	18.068	/	Pass
		3750	100	0	18.011	/	Pass
		3790	100	0	18.045	/	Pass
	256QAM	3710	100	0	18.029	/	Pass
		3750	100	0	17.986	/	Pass
		3790	100	0	18.045	/	Pass



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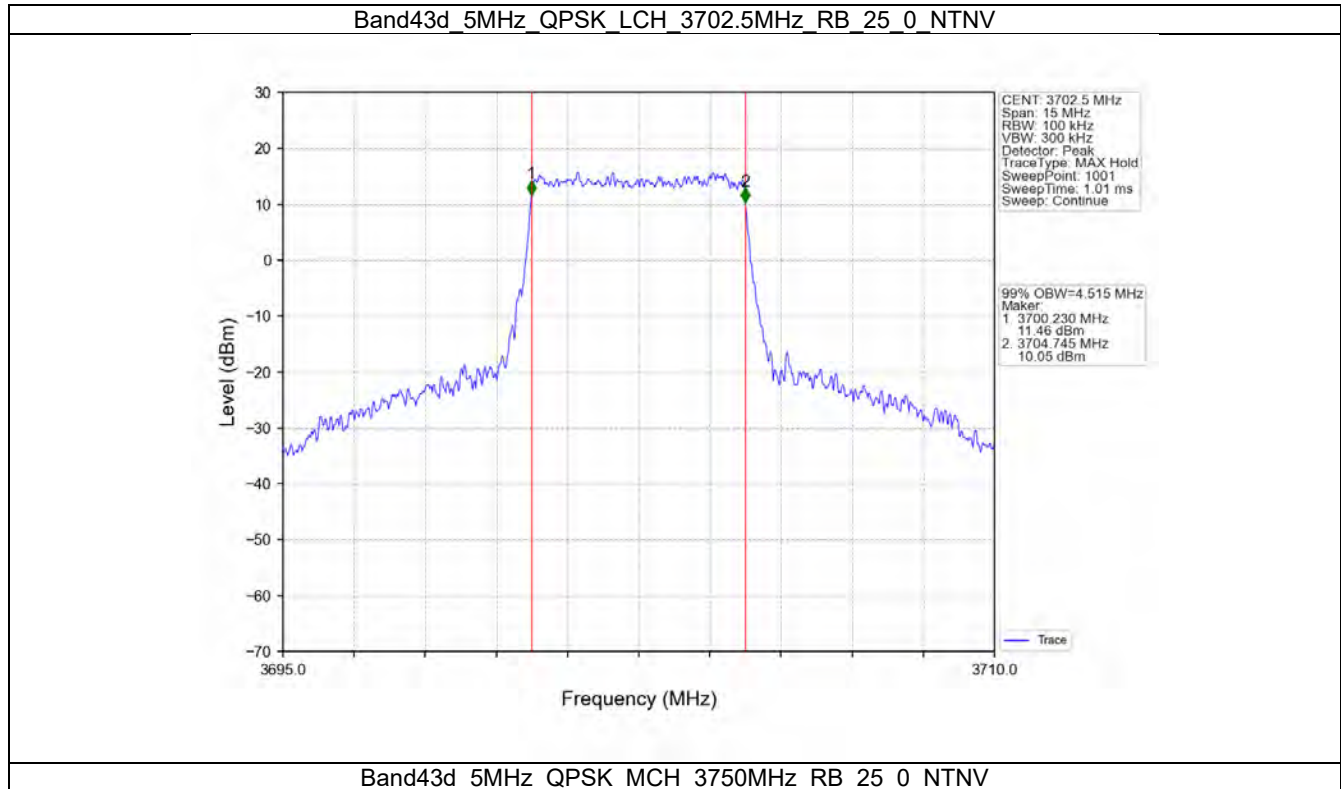
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4.1.2 Test Graph



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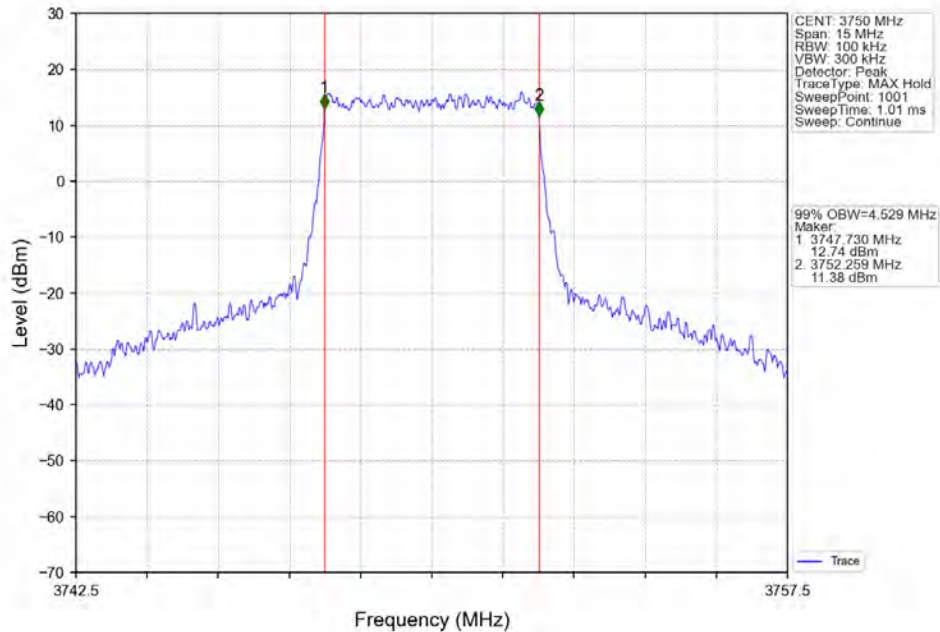
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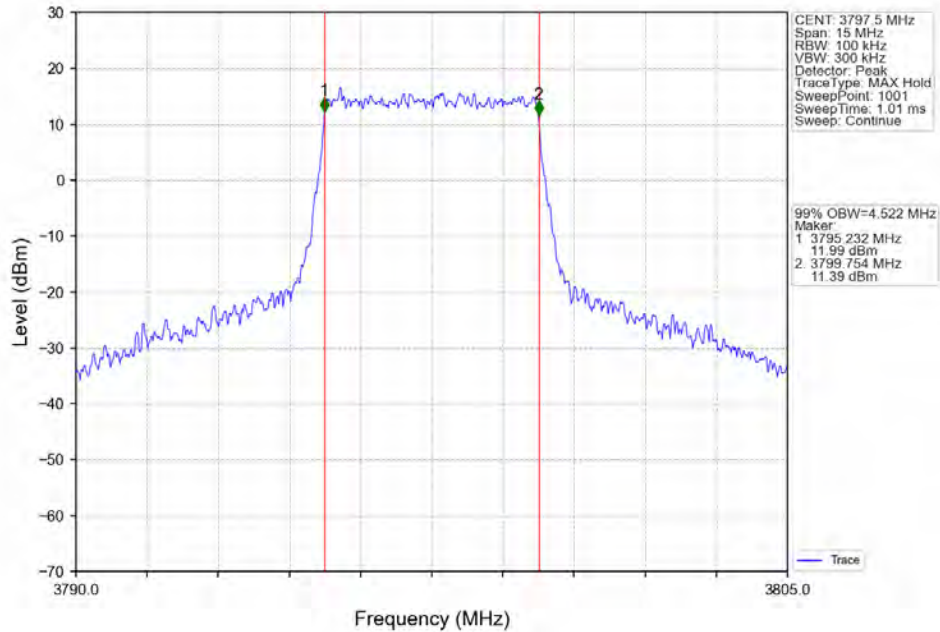
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Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



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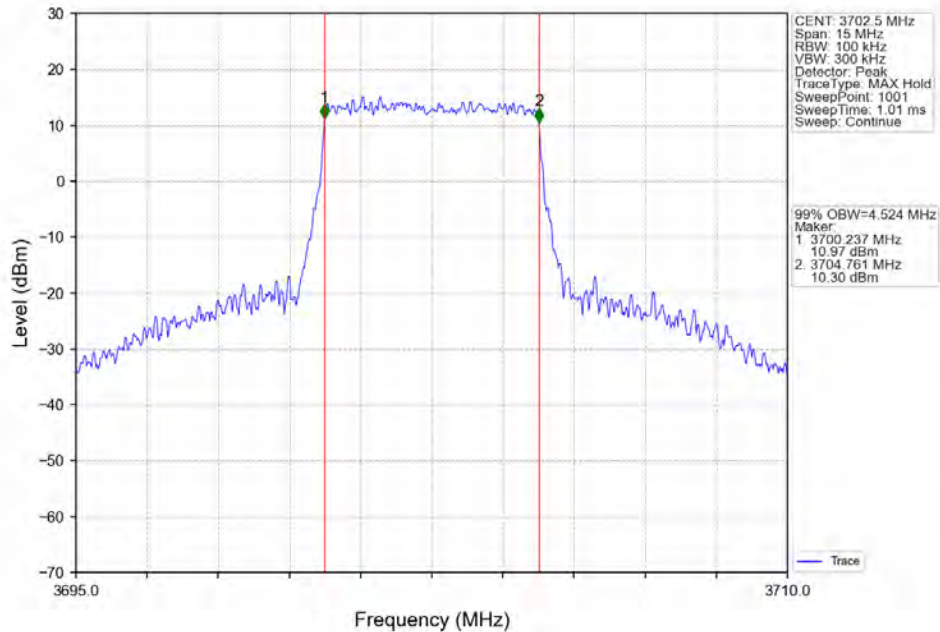
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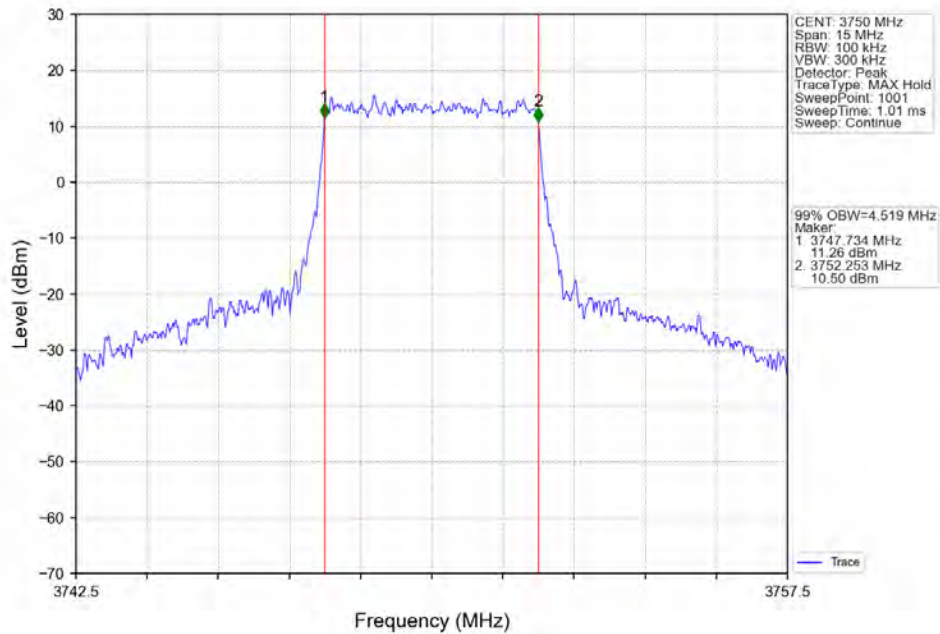
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Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



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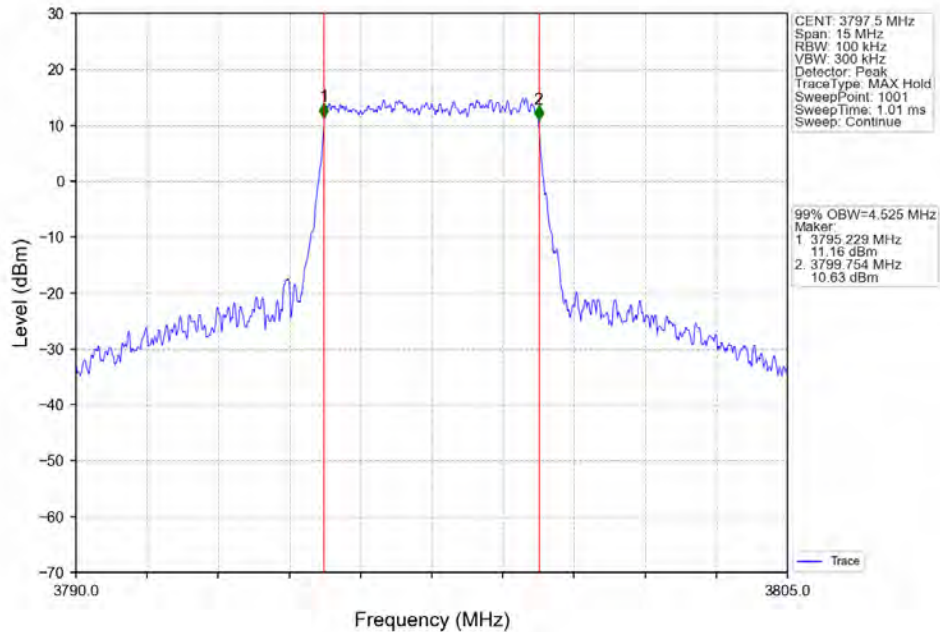
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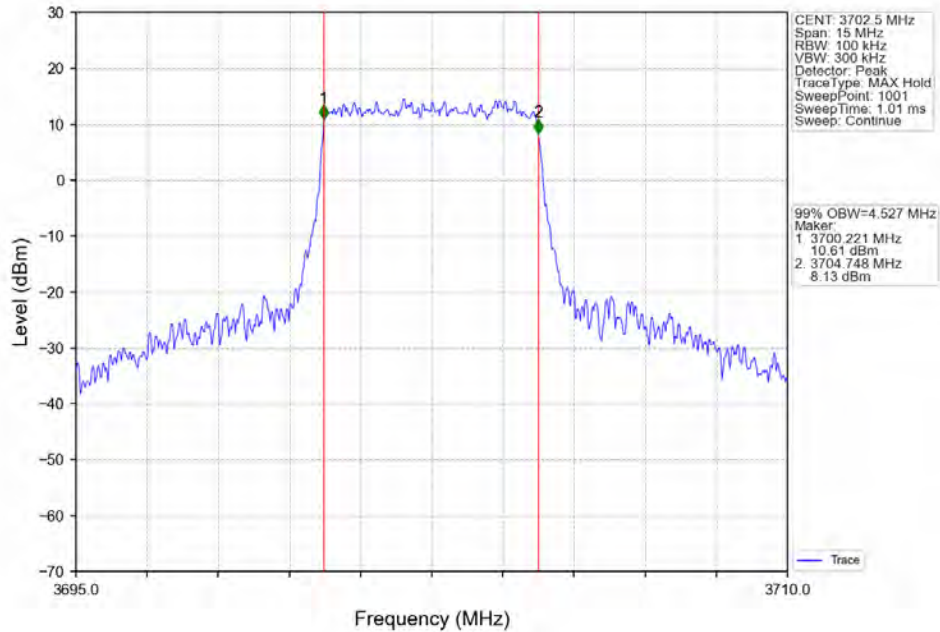
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Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



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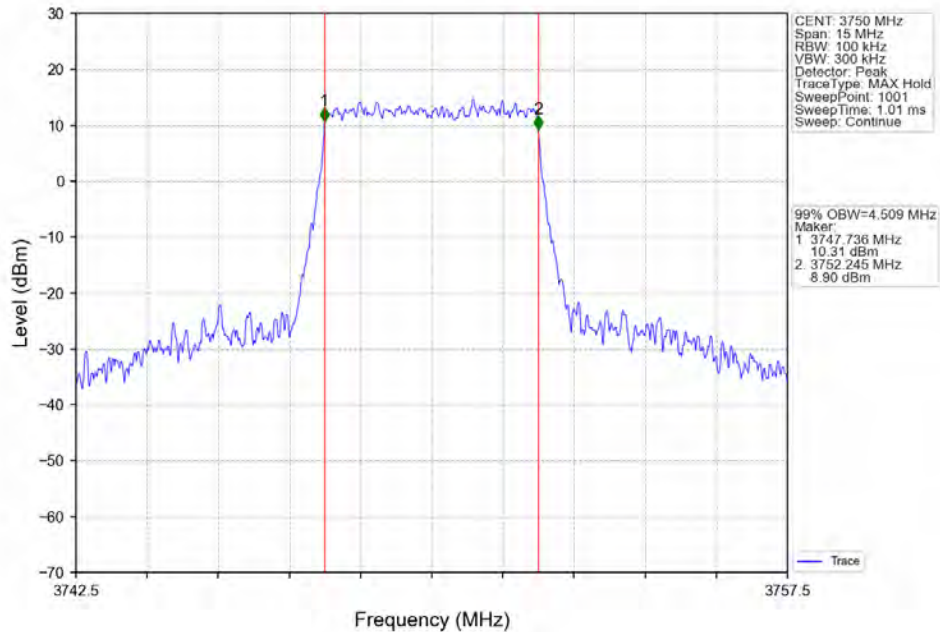
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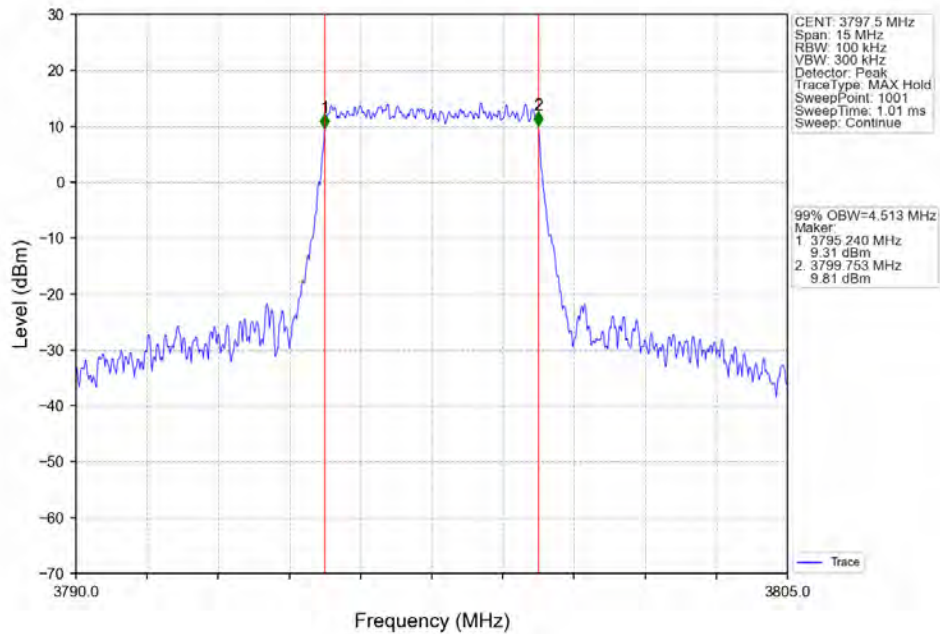
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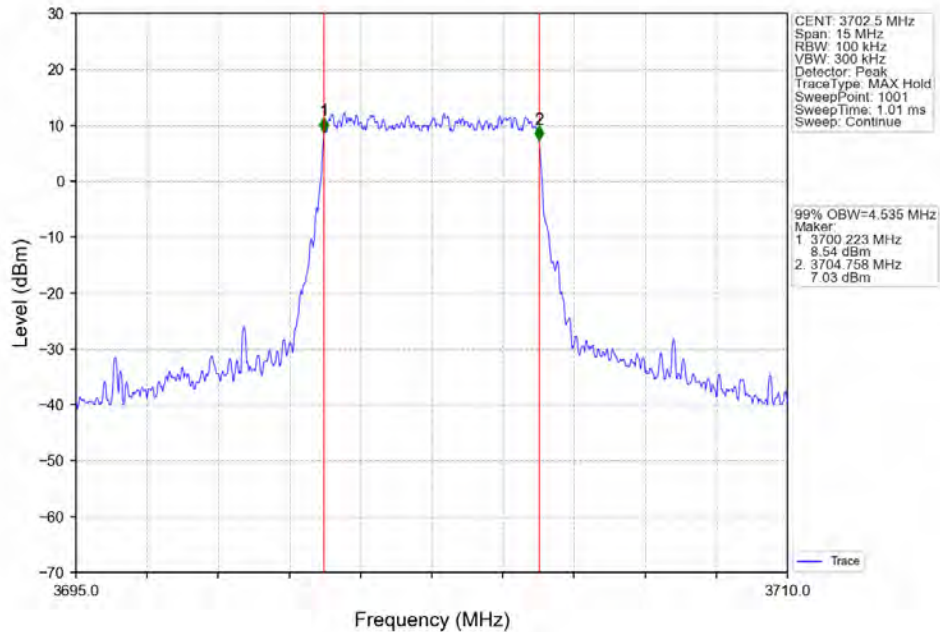
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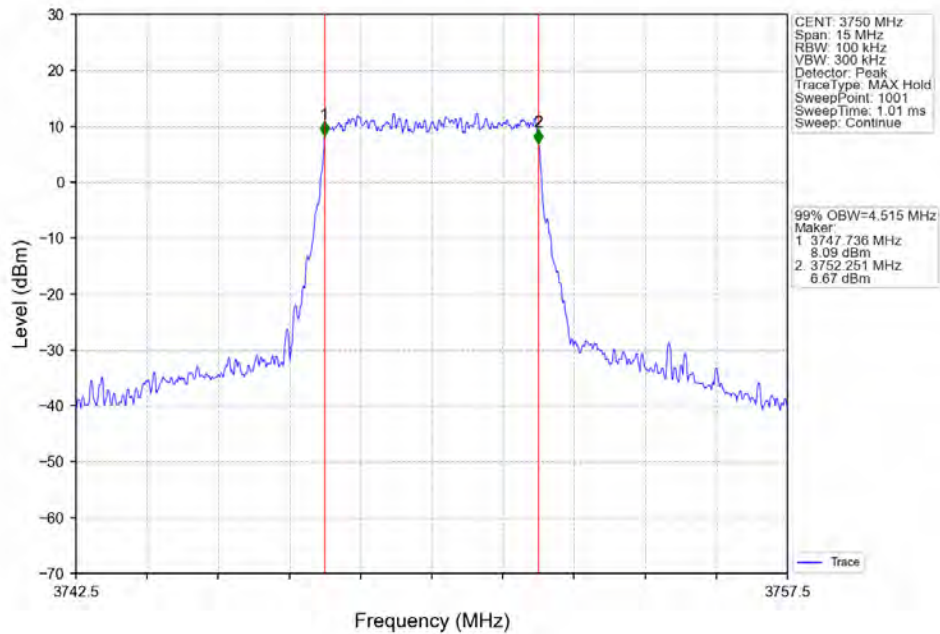
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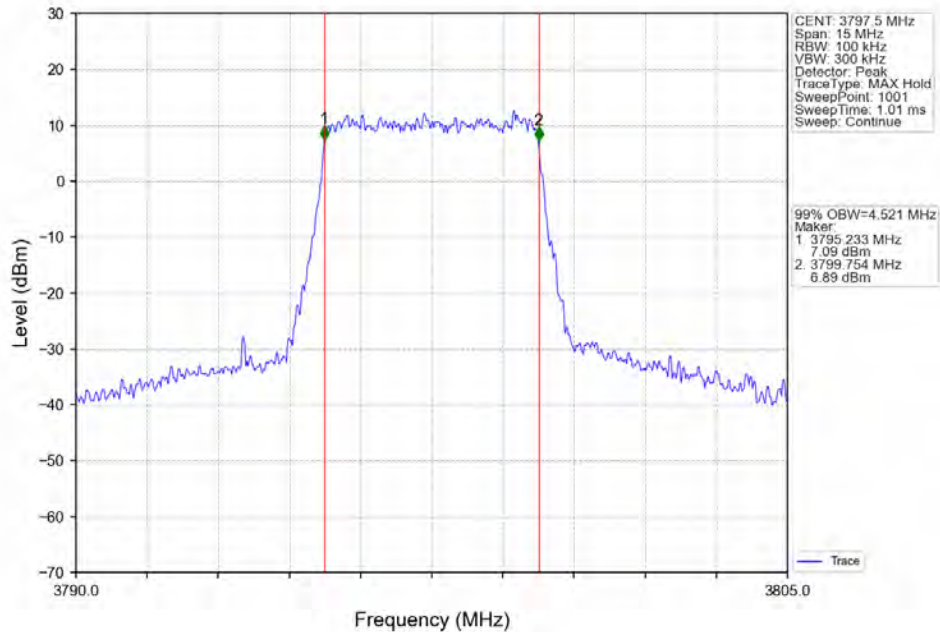
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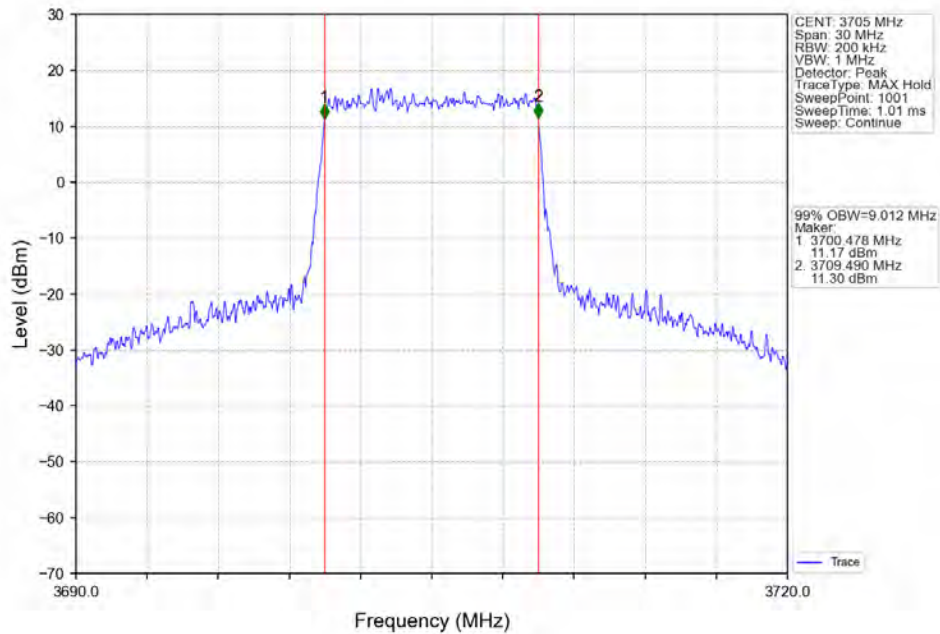
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Band43d 10MHz QPSK LCH 3705MHz RB 50 0 NTN



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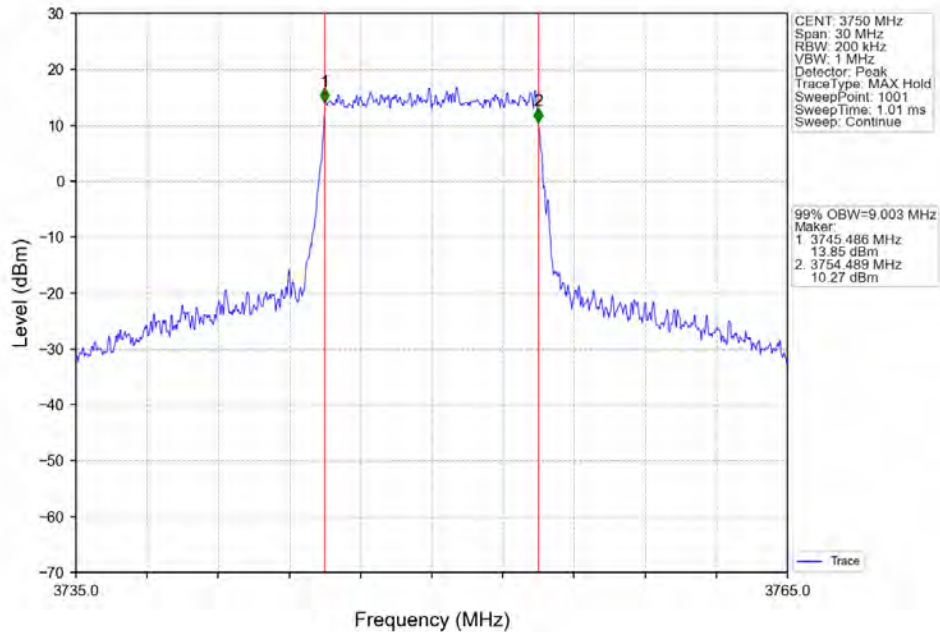
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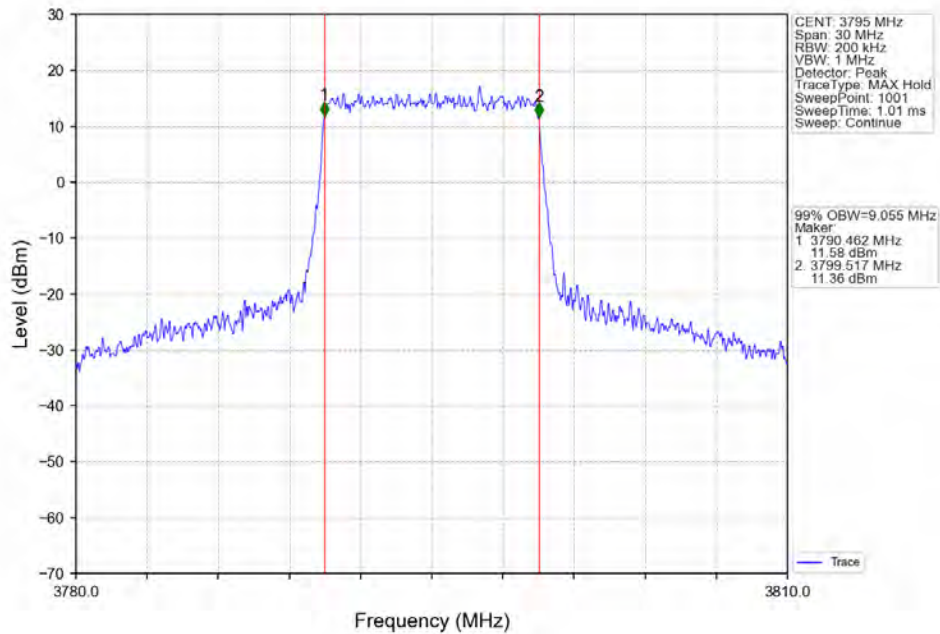
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Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



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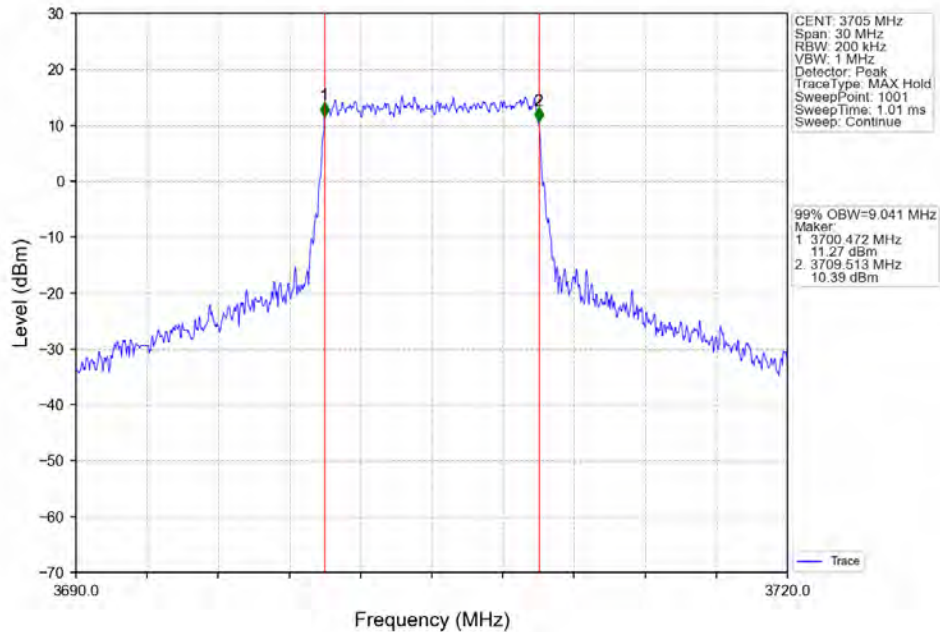
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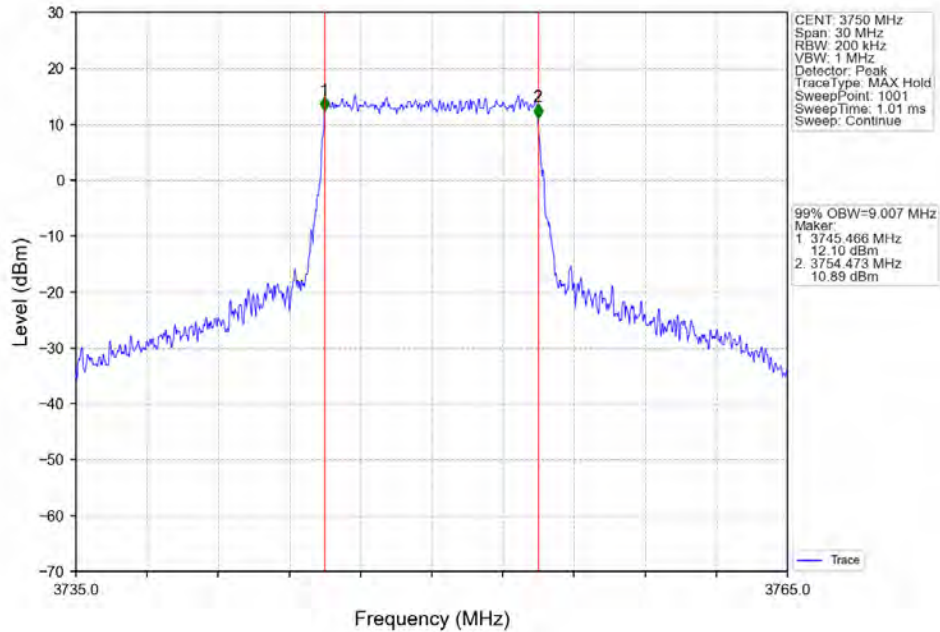
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Band43d_10MHz_16QAM_HCH_3795MHz_RB_50_0_NTNV



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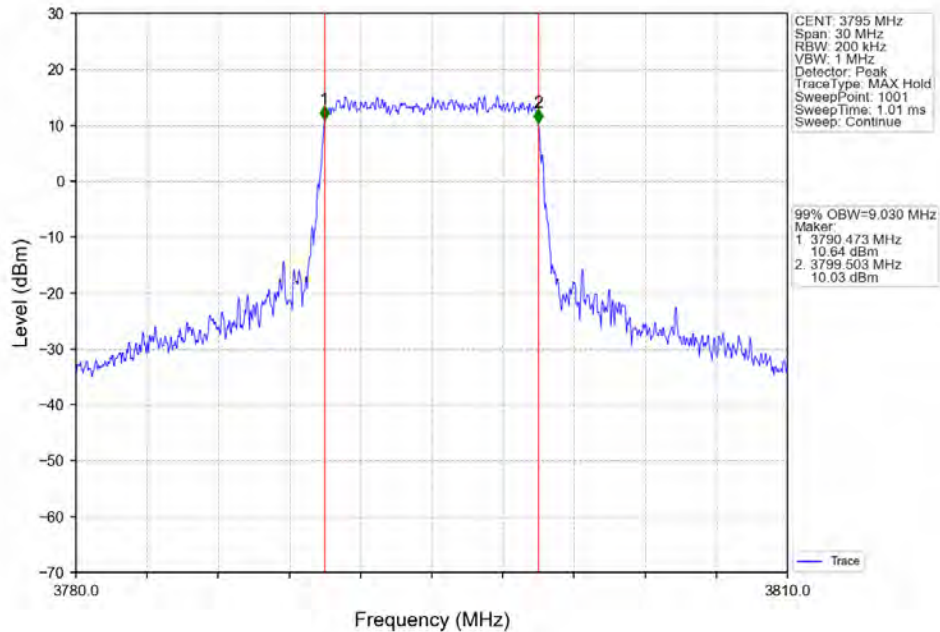
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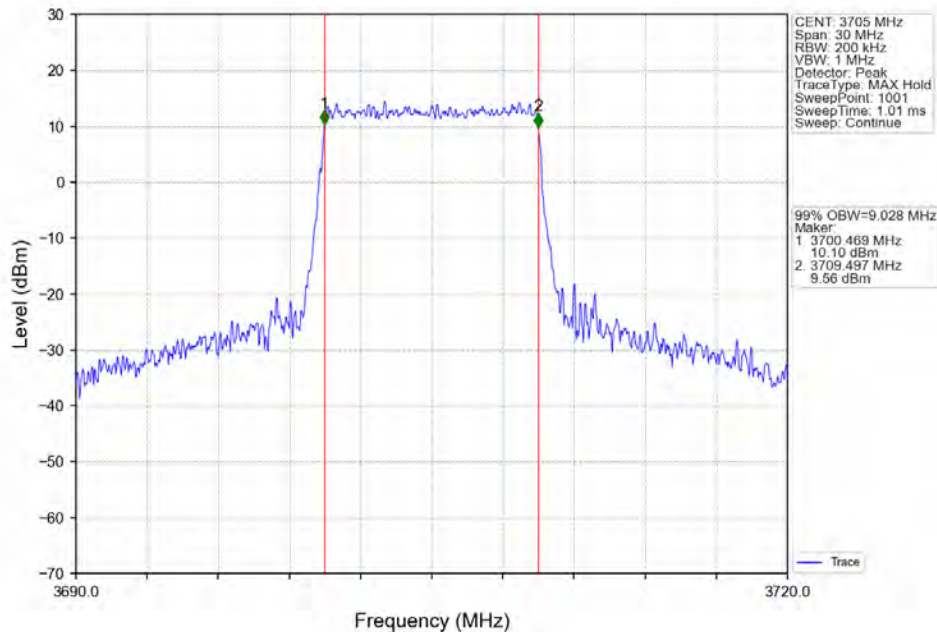
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Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



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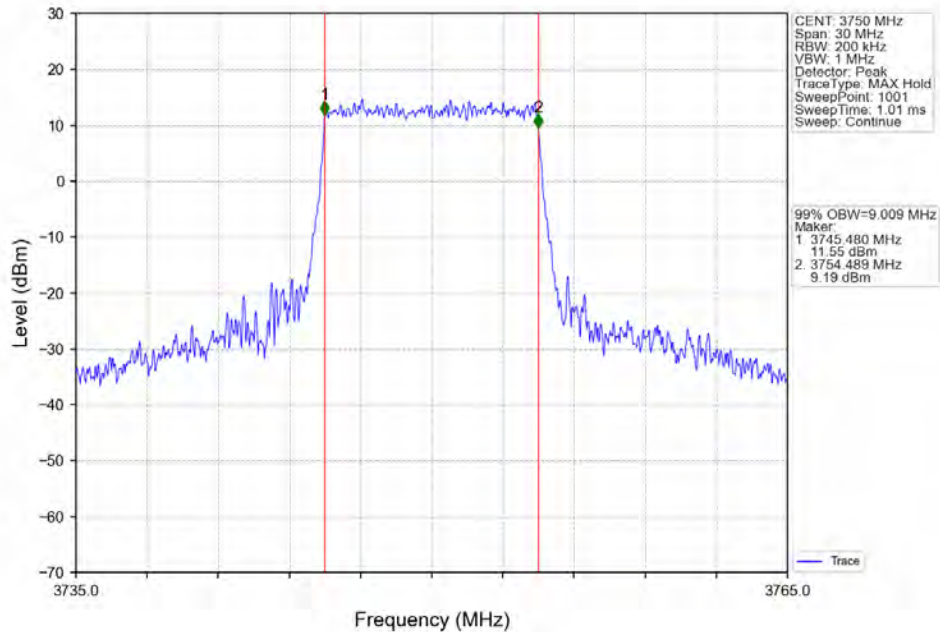
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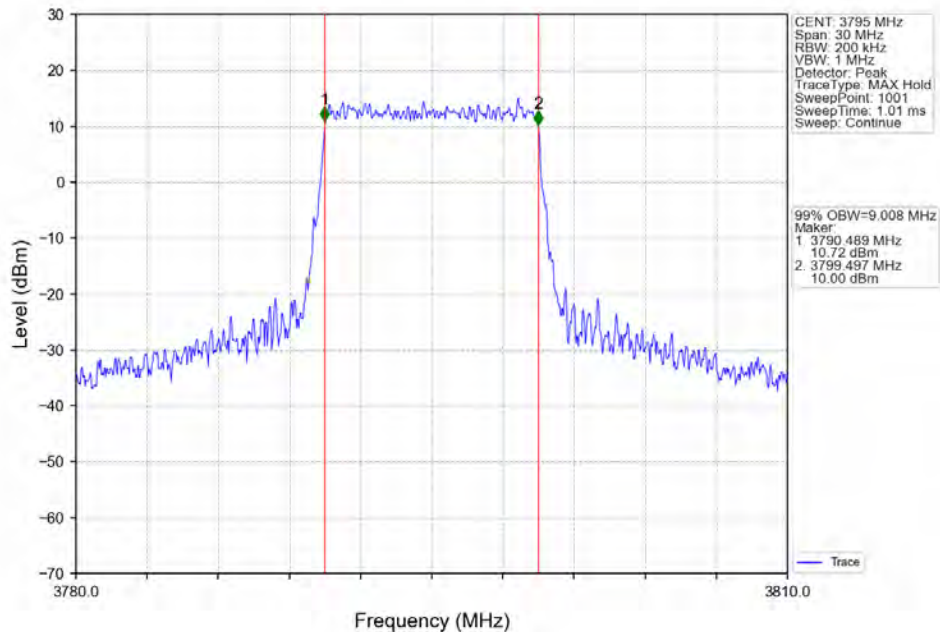
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Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



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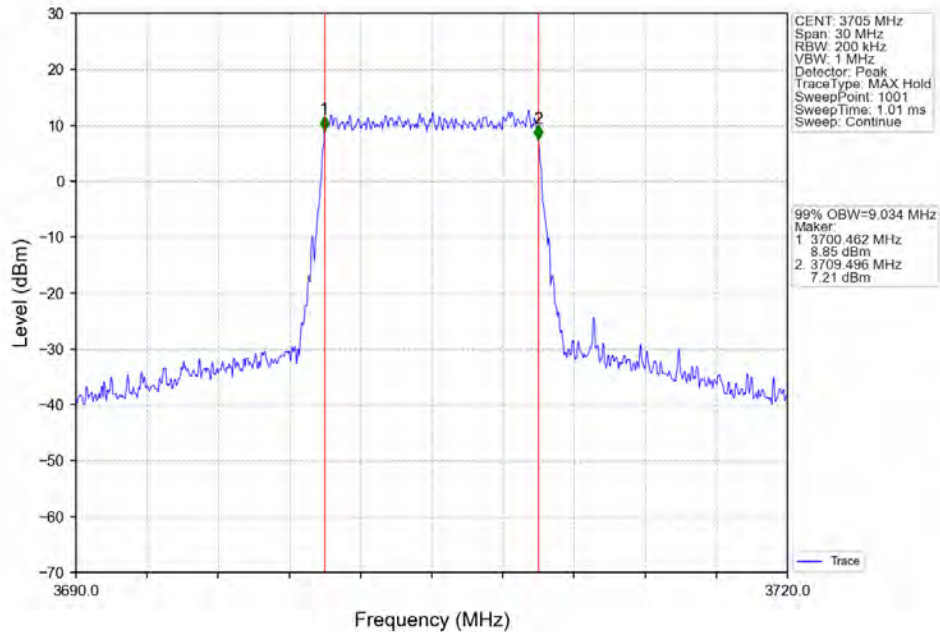
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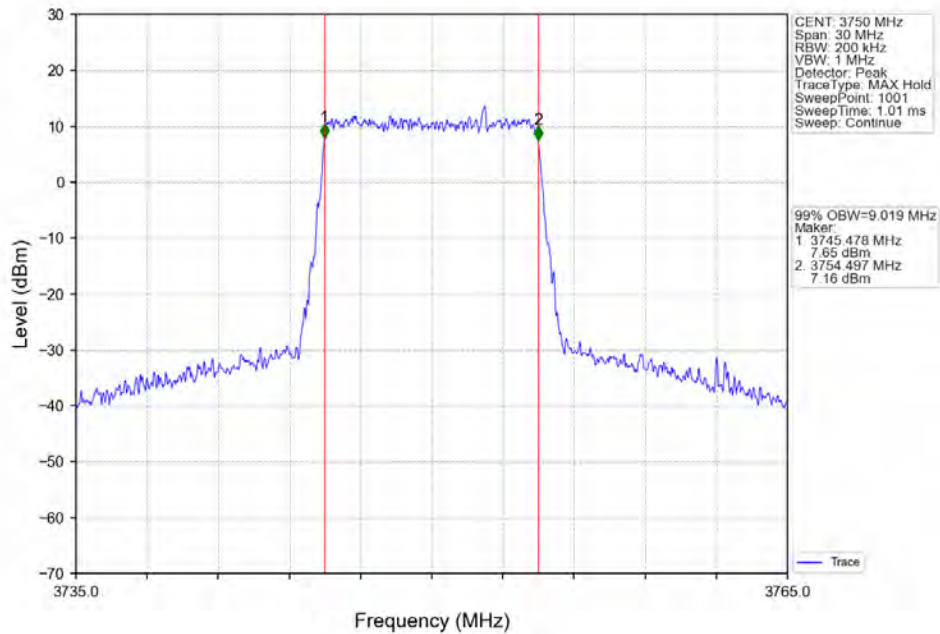
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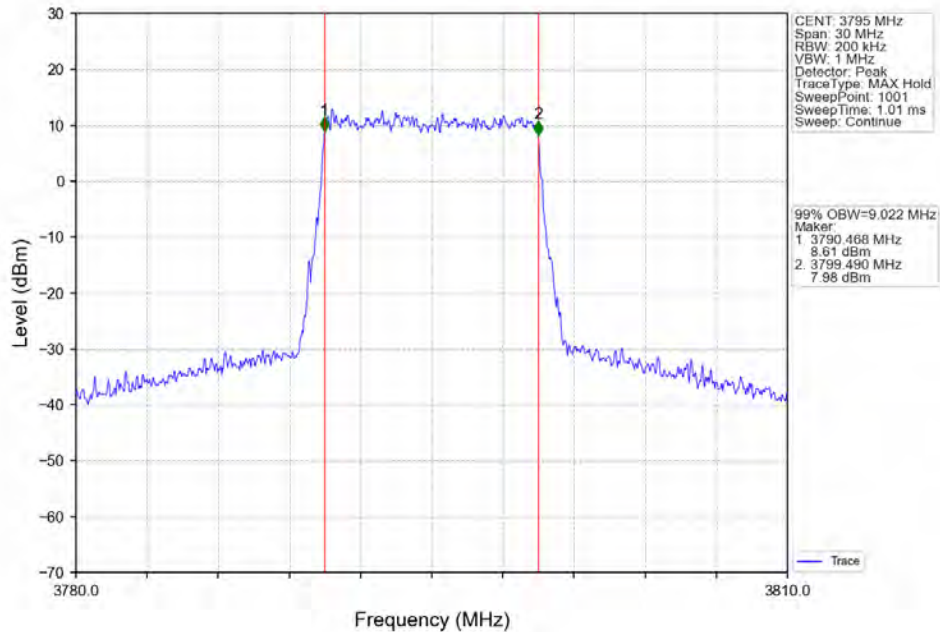
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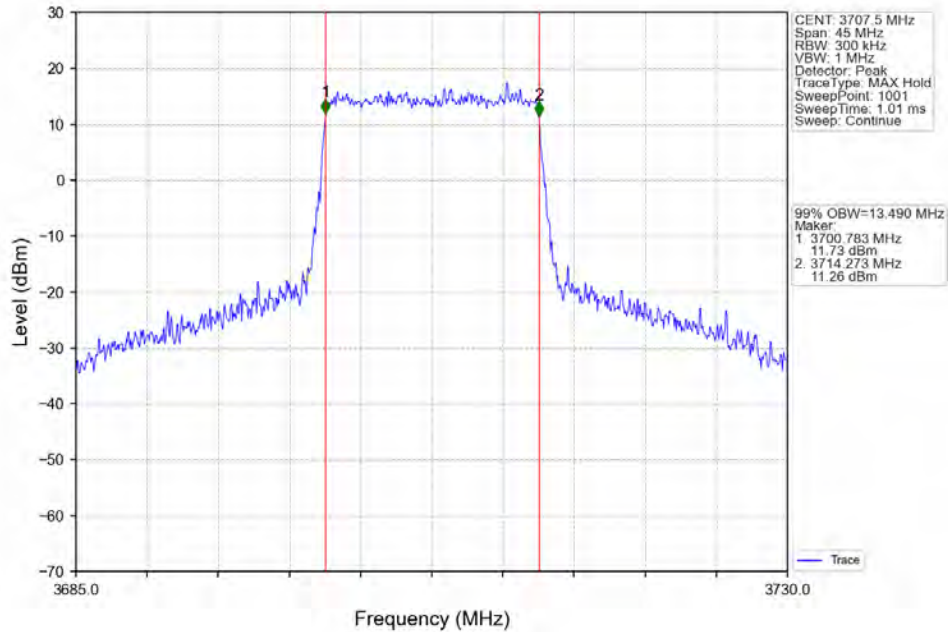
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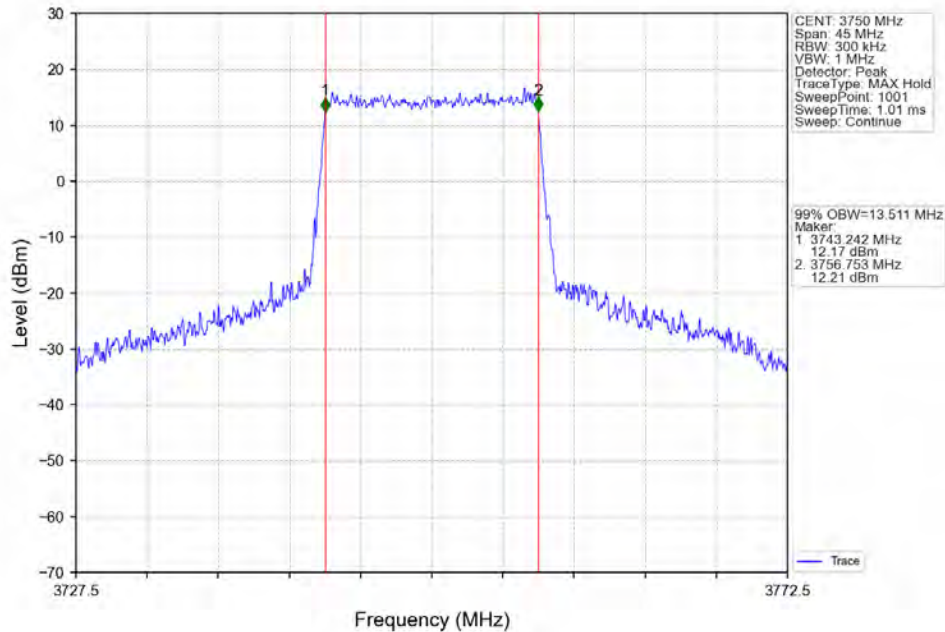
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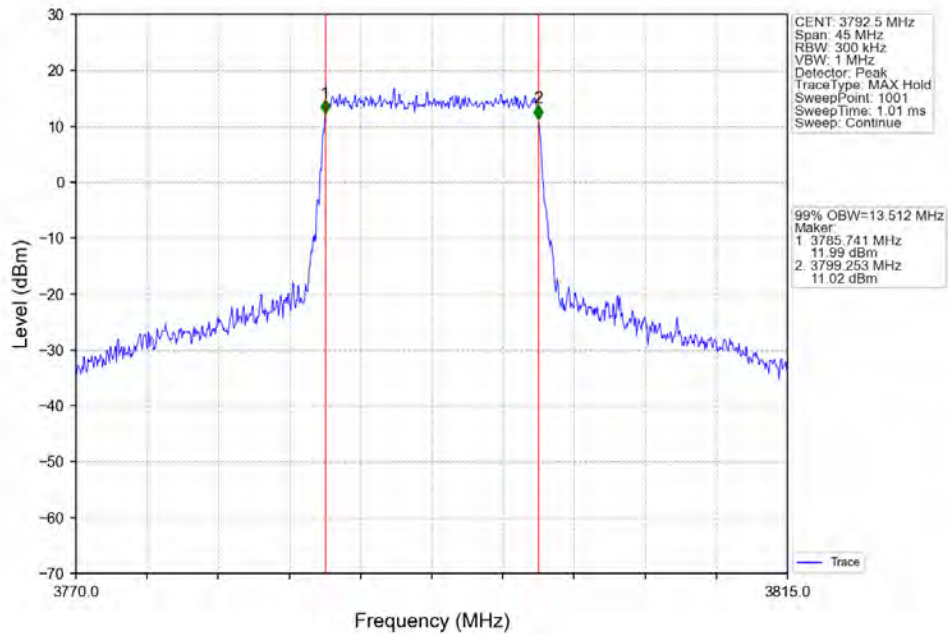
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Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



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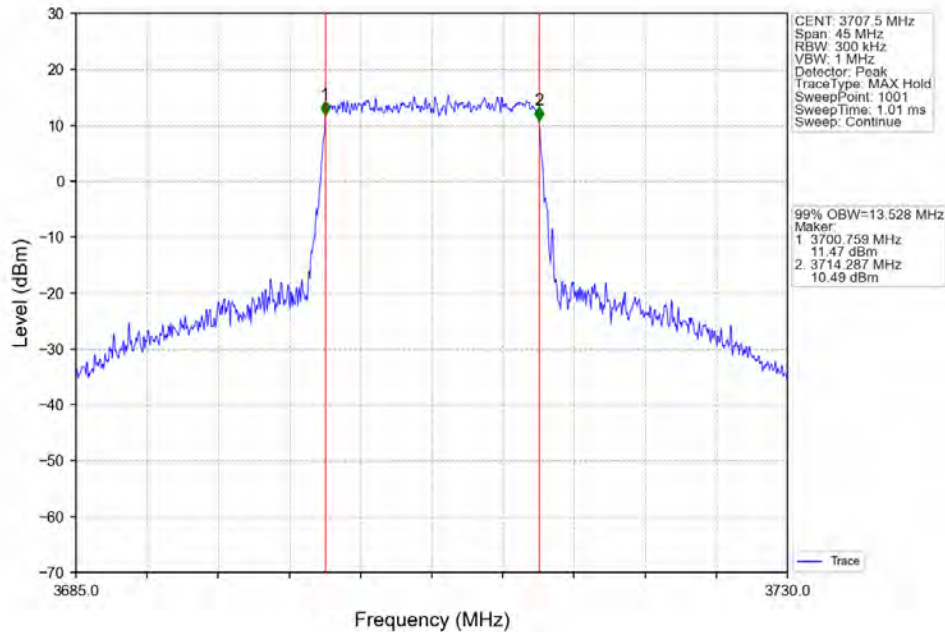
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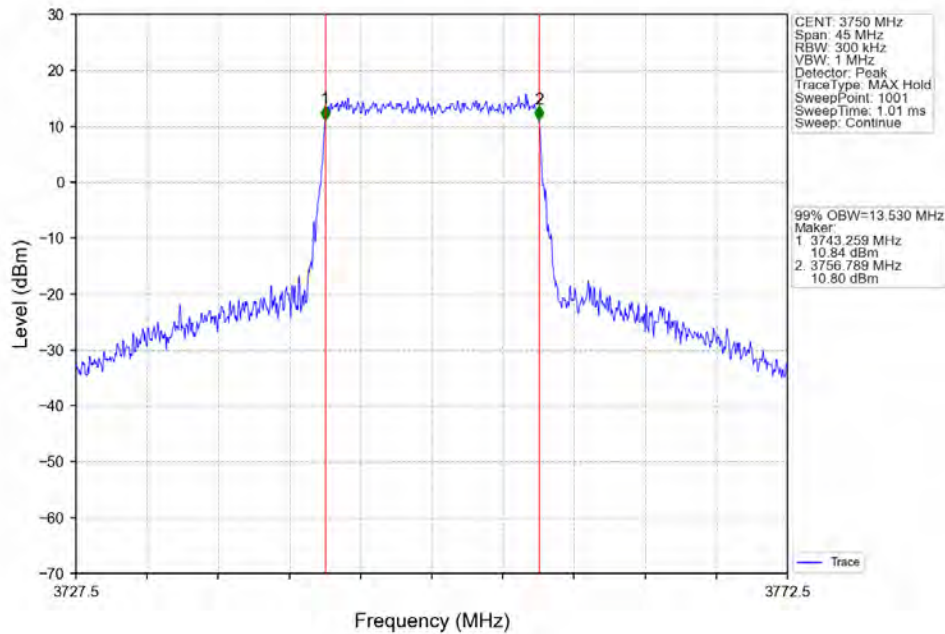
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Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



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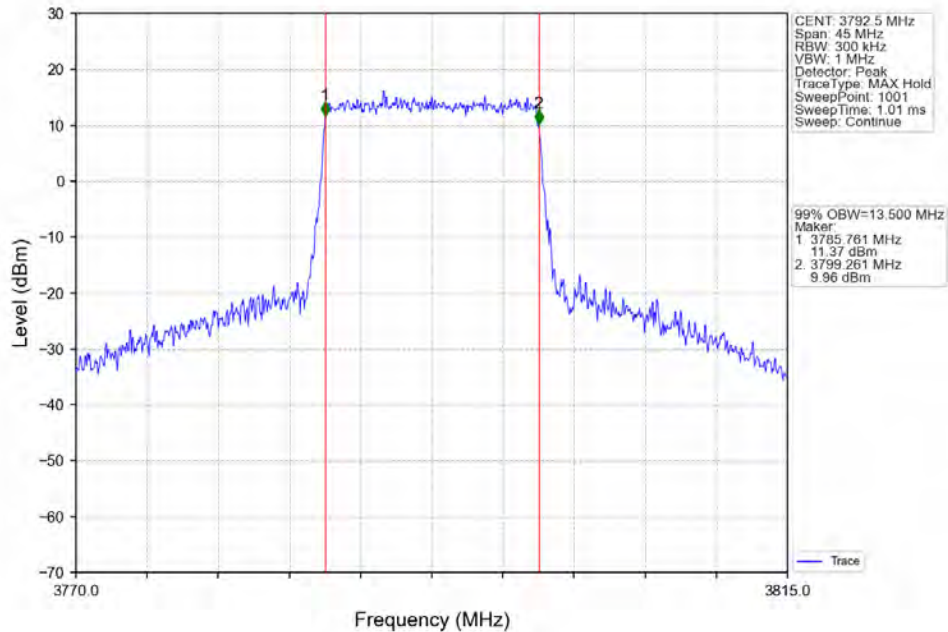
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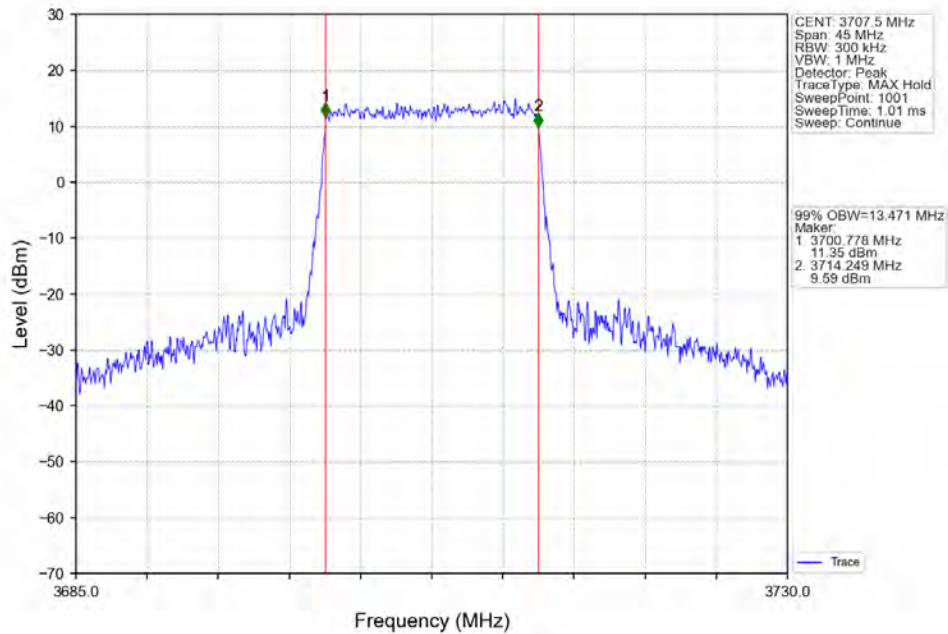
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Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



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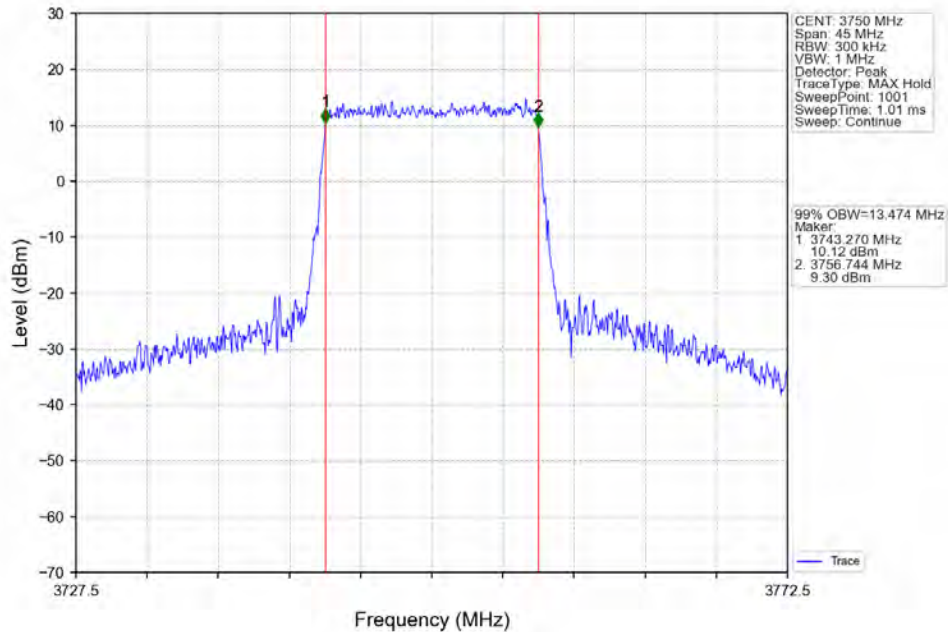
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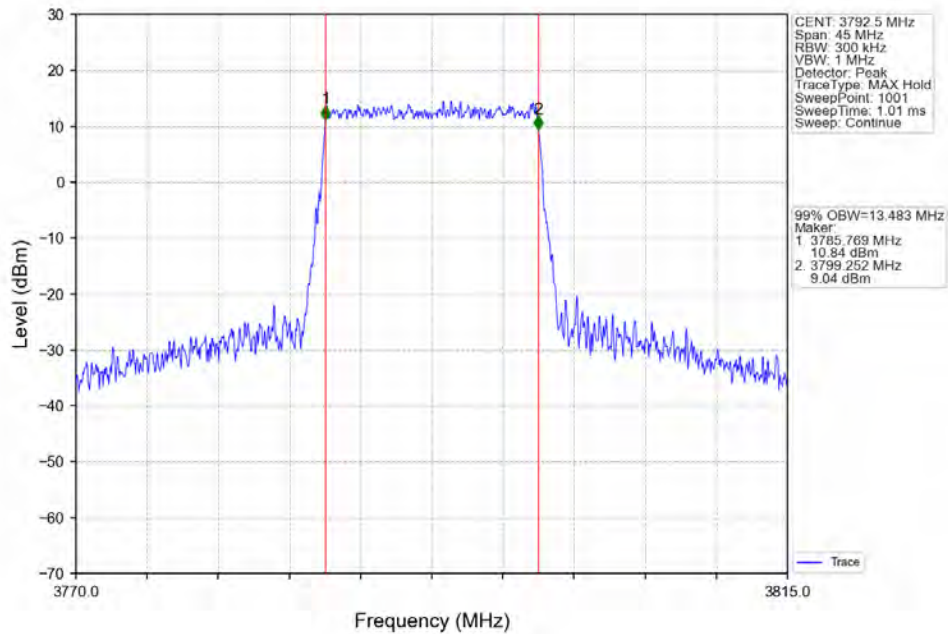
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Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



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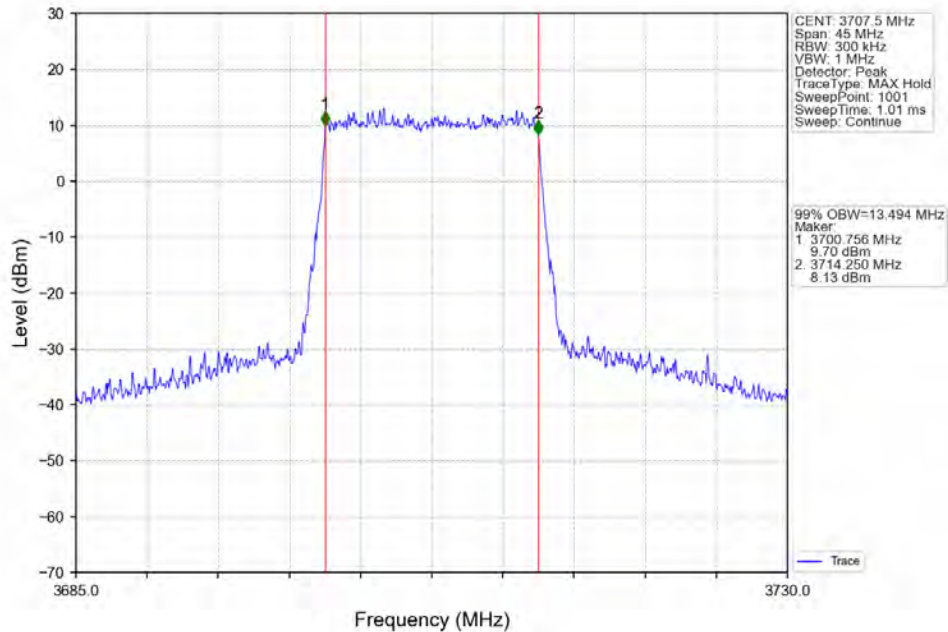
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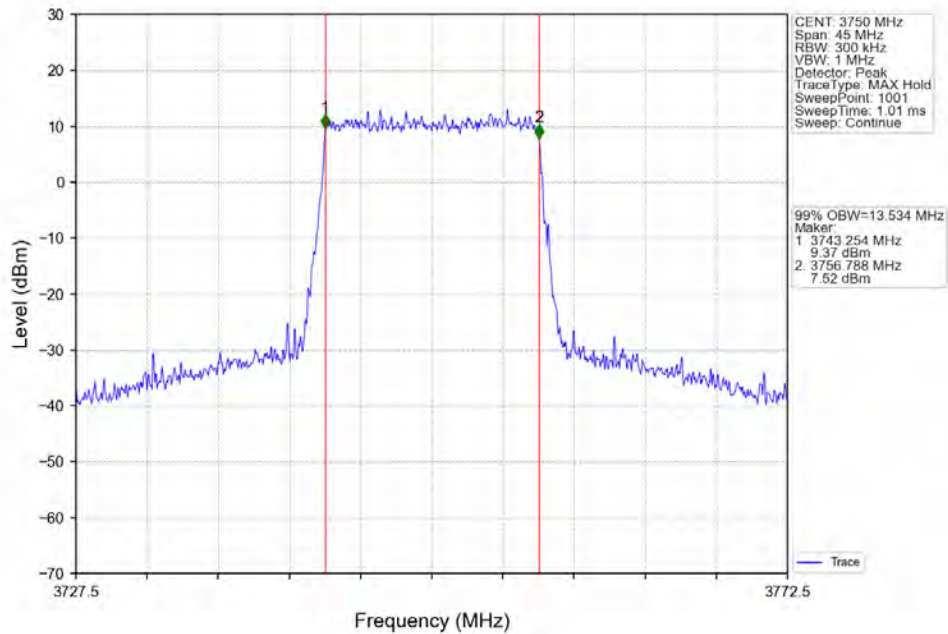
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Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV



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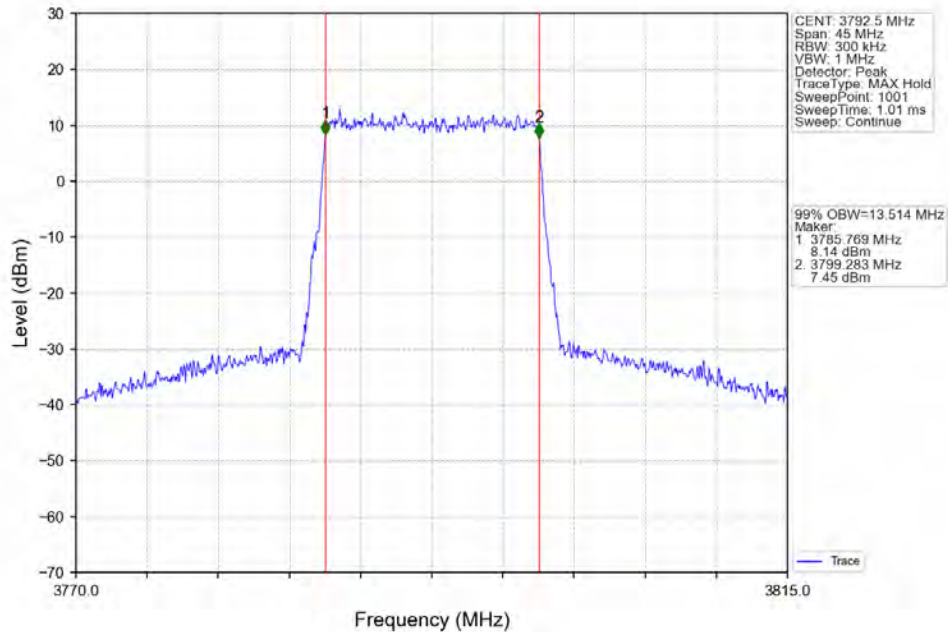
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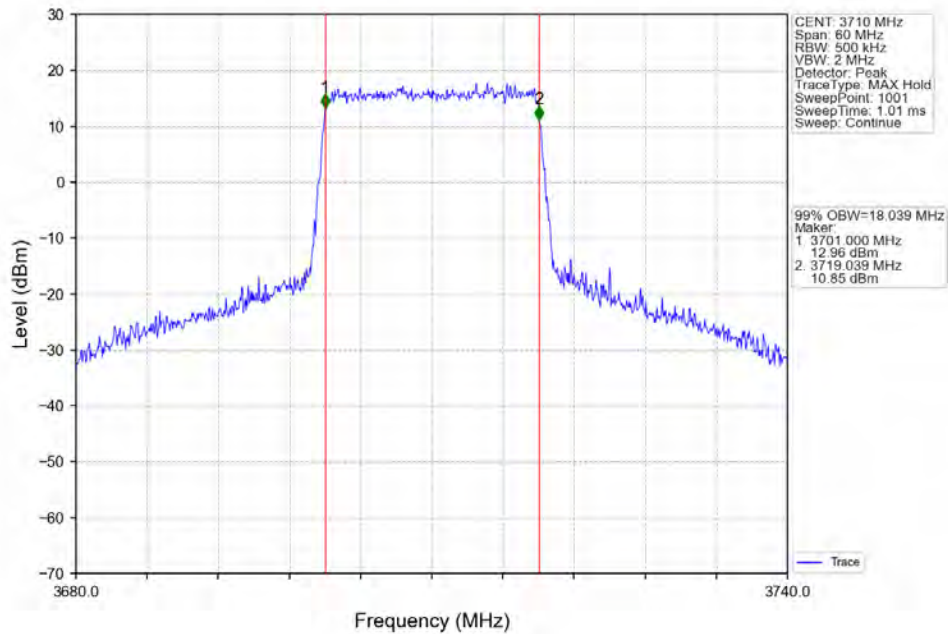
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Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



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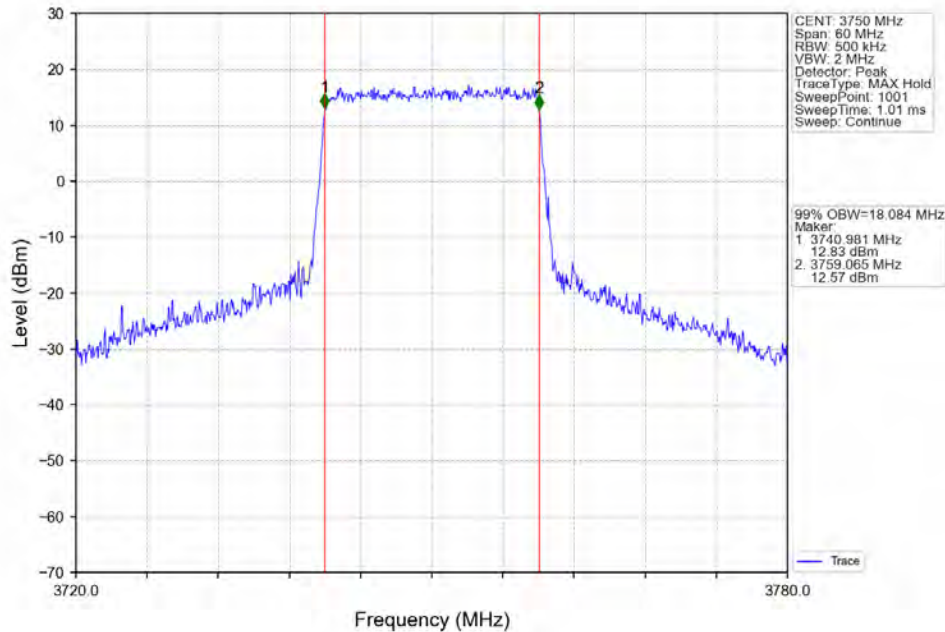
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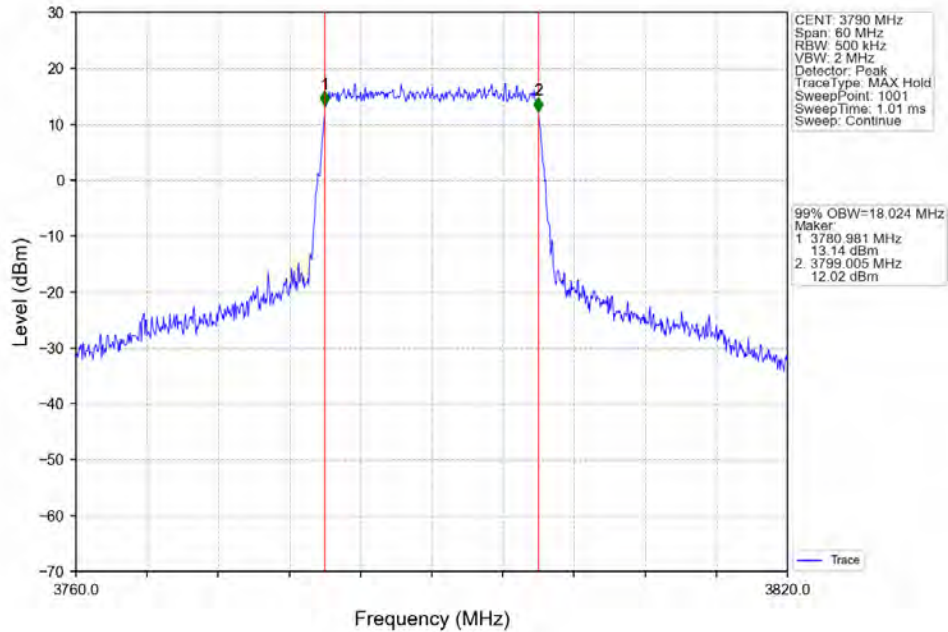
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Band43d_20MHz QPSK HCH 3790MHz_RB_100_0_NTNV



Band43d_20MHz_16QAM LCH 3710MHz_RB_100_0_NTNV



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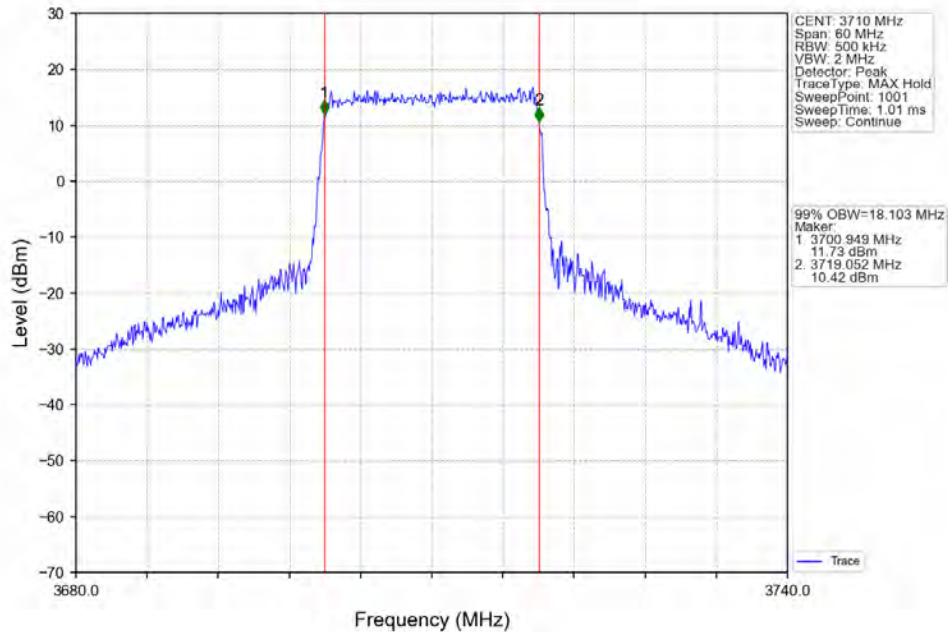
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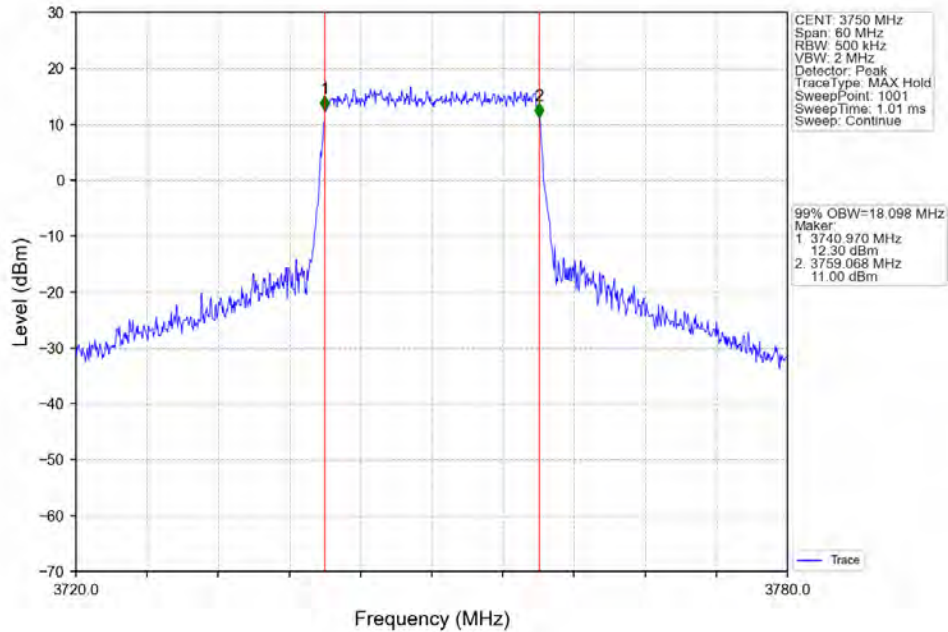
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Band43d_20MHz_16QAM_HCH_3790MHz_RB_100_0_NTNV



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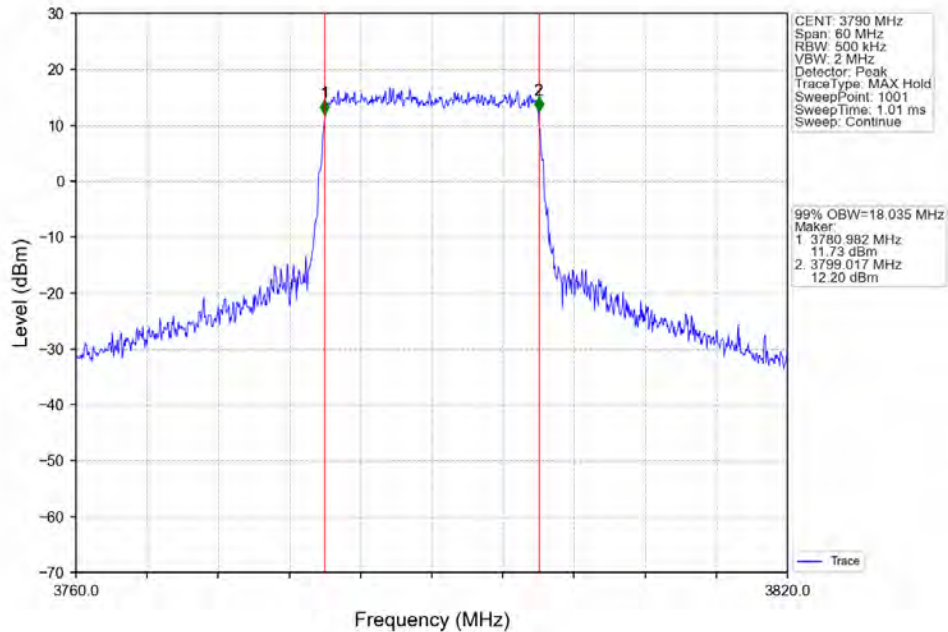
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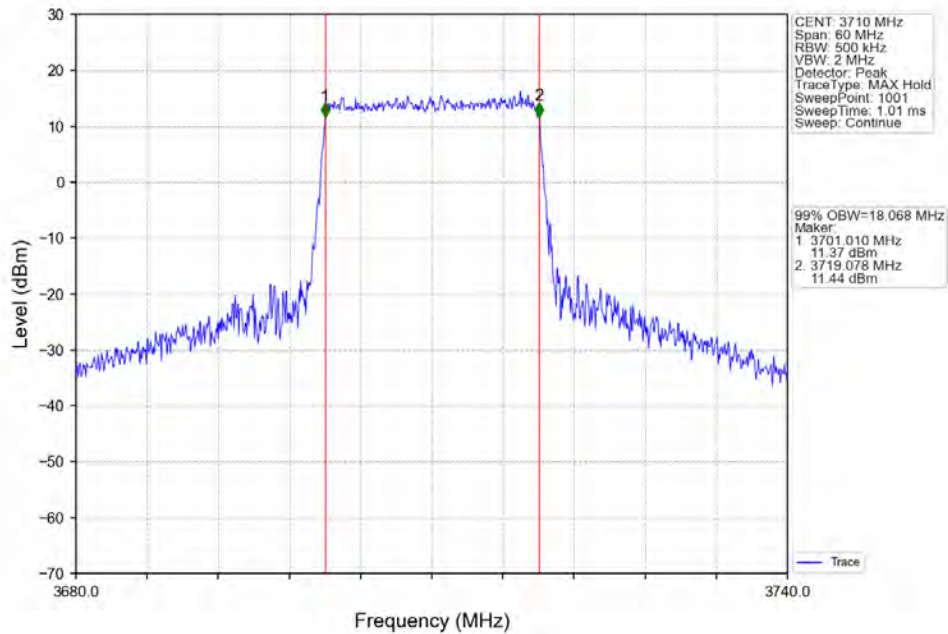
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Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



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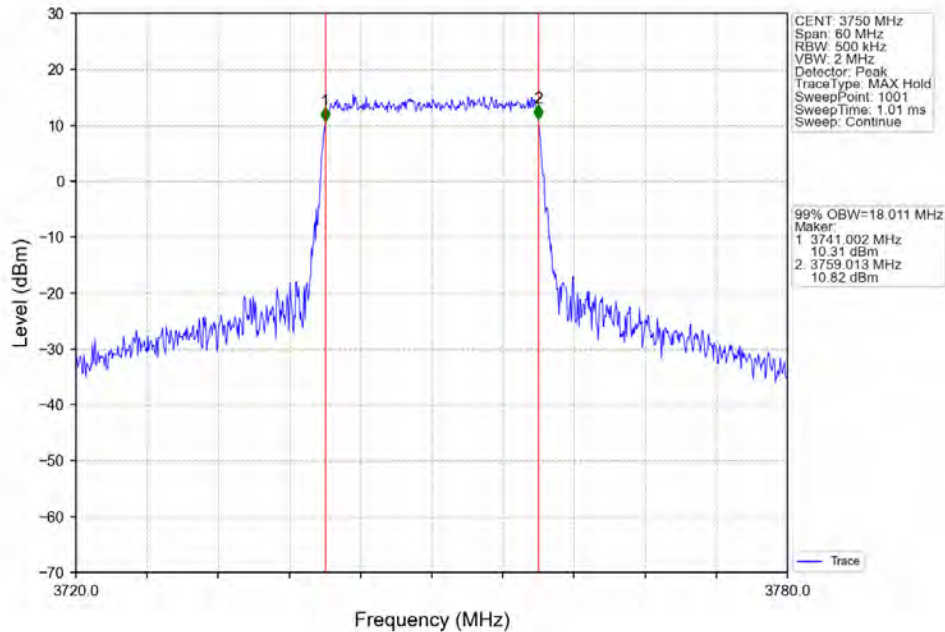
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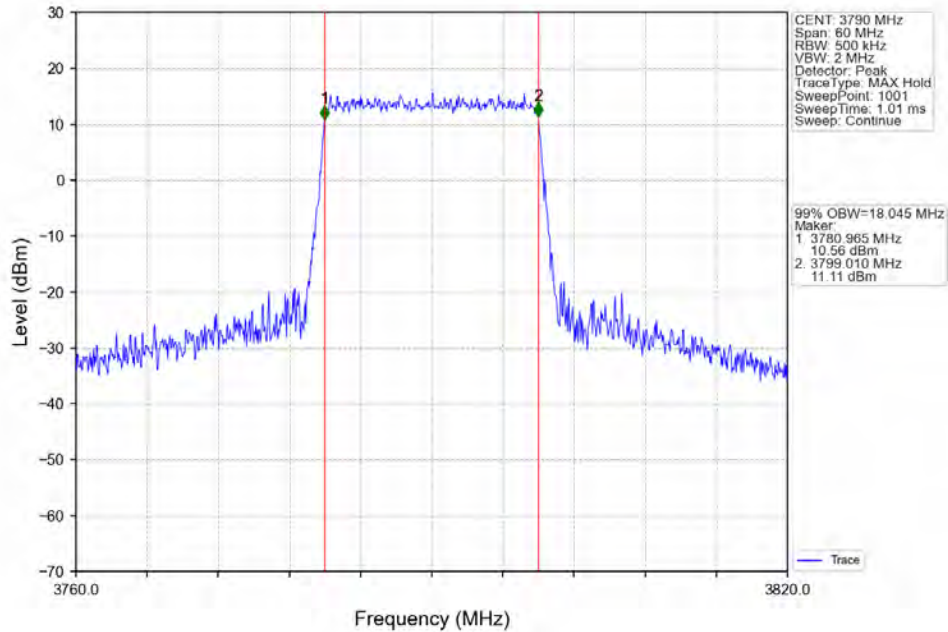
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Band43d_20MHz_256QAM_LCH_3710MHz_RB_100_0_NTNV



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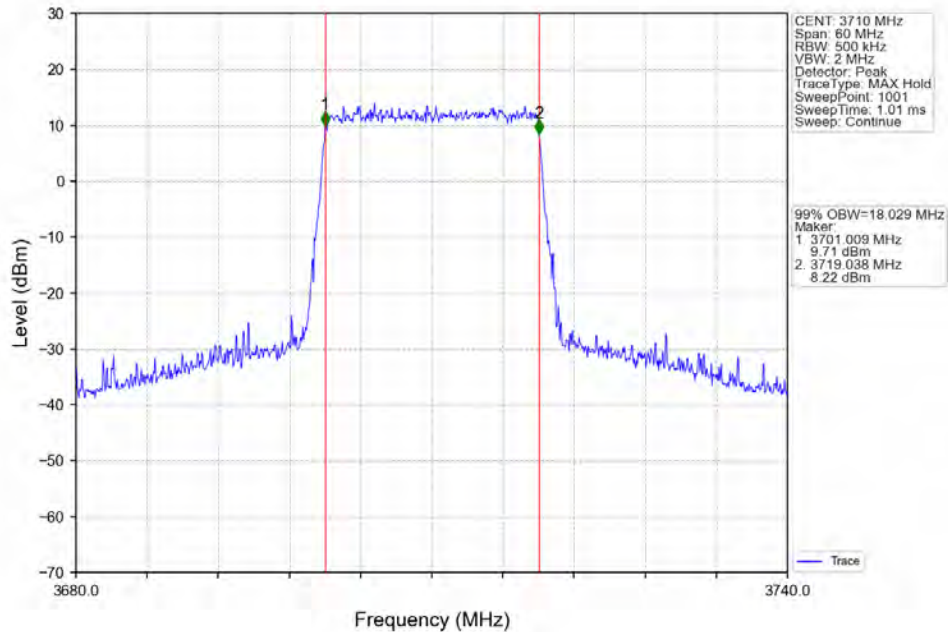
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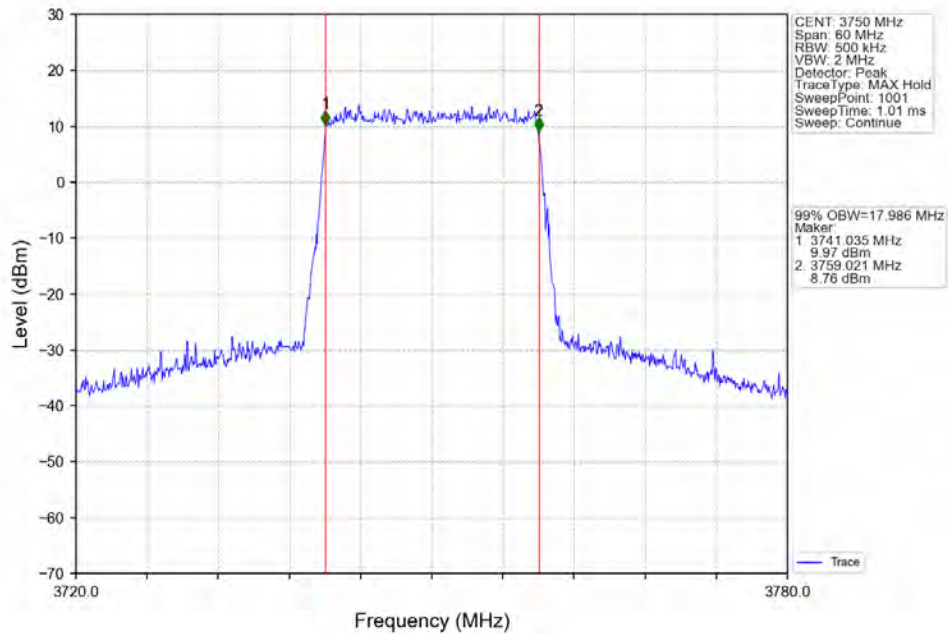
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Band43d_20MHz_256QAM_HCH_3790MHz_RB_100_0_NTNV



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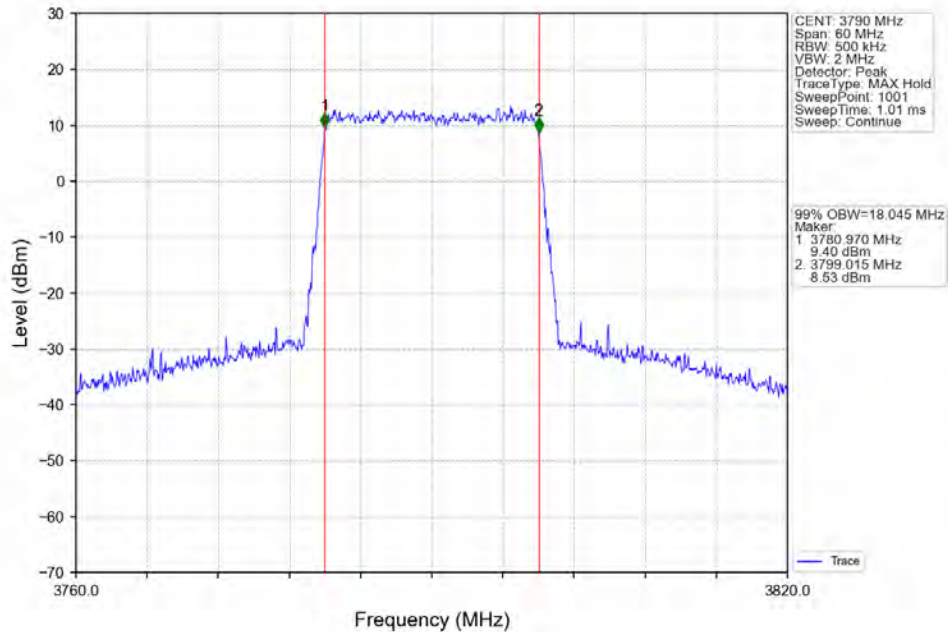
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4.2 Band43d_XDB

4.2.1 Test Result

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	5.143	/	Pass
		3750	25	0	5.183	/	Pass
		3797.5	25	0	5.081	/	Pass
	16QAM	3702.5	25	0	5.149	/	Pass
		3750	25	0	5.162	/	Pass
		3797.5	25	0	5.124	/	Pass
	64QAM	3702.5	25	0	5.084	/	Pass
		3750	25	0	5.145	/	Pass
		3797.5	25	0	5.141	/	Pass
	256QAM	3702.5	25	0	5.097	/	Pass
		3750	25	0	5.190	/	Pass
		3797.5	25	0	5.175	/	Pass
10	QPSK	3705	50	0	9.971	/	Pass
		3750	50	0	9.980	/	Pass
		3795	50	0	9.911	/	Pass
	16QAM	3705	50	0	10.140	/	Pass
		3750	50	0	10.172	/	Pass
		3795	50	0	10.052	/	Pass
	64QAM	3705	50	0	10.018	/	Pass
		3750	50	0	10.089	/	Pass
		3795	50	0	9.927	/	Pass
	256QAM	3705	50	0	10.079	/	Pass
		3750	50	0	9.886	/	Pass
		3795	50	0	9.897	/	Pass
15	QPSK	3707.5	75	0	14.910	/	Pass
		3750	75	0	14.960	/	Pass
		3792.5	75	0	14.697	/	Pass
	16QAM	3707.5	75	0	15.141	/	Pass
		3750	75	0	15.090	/	Pass
		3792.5	75	0	14.935	/	Pass
	64QAM	3707.5	75	0	14.972	/	Pass
		3750	75	0	14.922	/	Pass
		3792.5	75	0	14.960	/	Pass
	256QAM	3707.5	75	0	14.797	/	Pass
		3750	75	0	14.946	/	Pass
		3792.5	75	0	14.869	/	Pass
20	QPSK	3710	100	0	19.928	/	Pass
		3750	100	0	19.864	/	Pass
		3790	100	0	19.920	/	Pass



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	16QAM	3710	100	0	19.824	/	Pass
		3750	100	0	19.878	/	Pass
		3790	100	0	19.856	/	Pass
	64QAM	3710	100	0	19.853	/	Pass
		3750	100	0	19.925	/	Pass
		3790	100	0	19.952	/	Pass
	256QAM	3710	100	0	19.871	/	Pass
		3750	100	0	19.829	/	Pass
		3790	100	0	20.087	/	Pass



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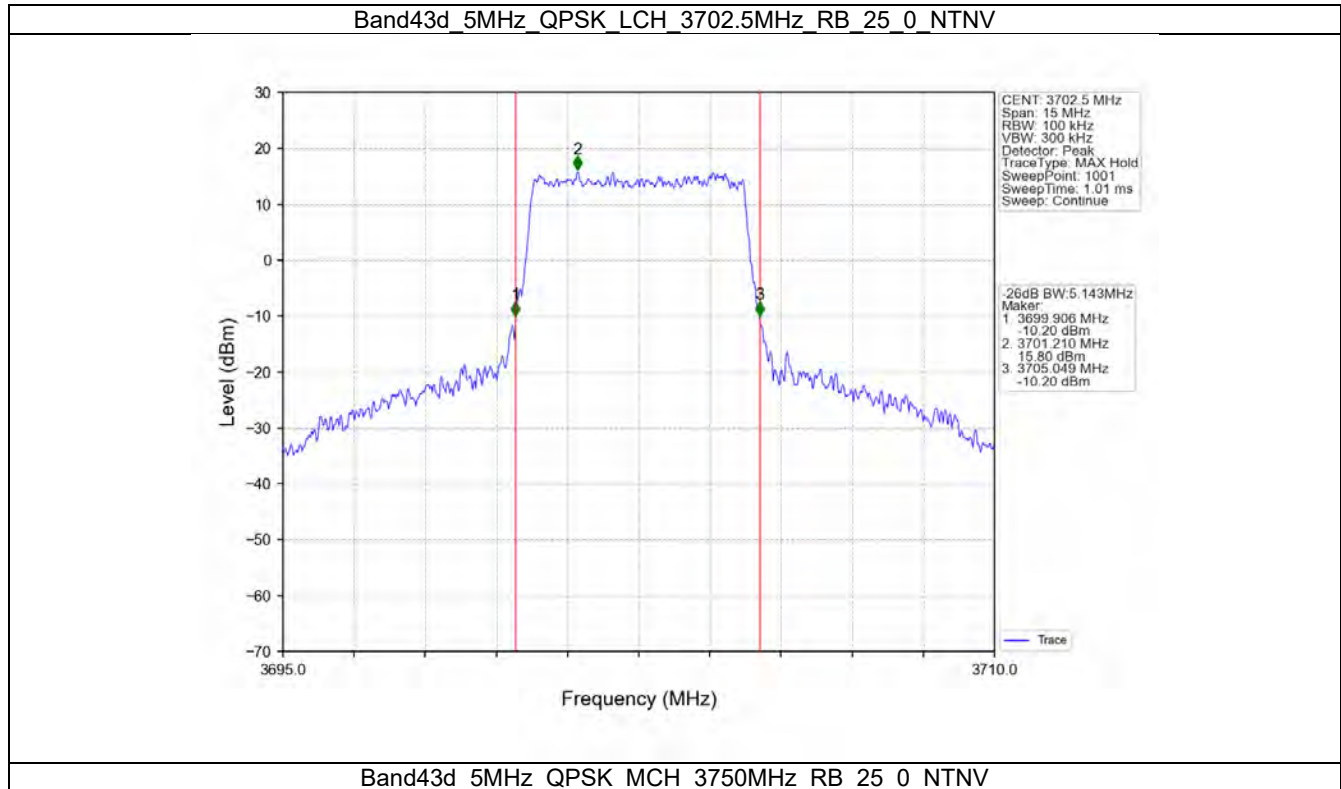
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4.2.2 Test Graph



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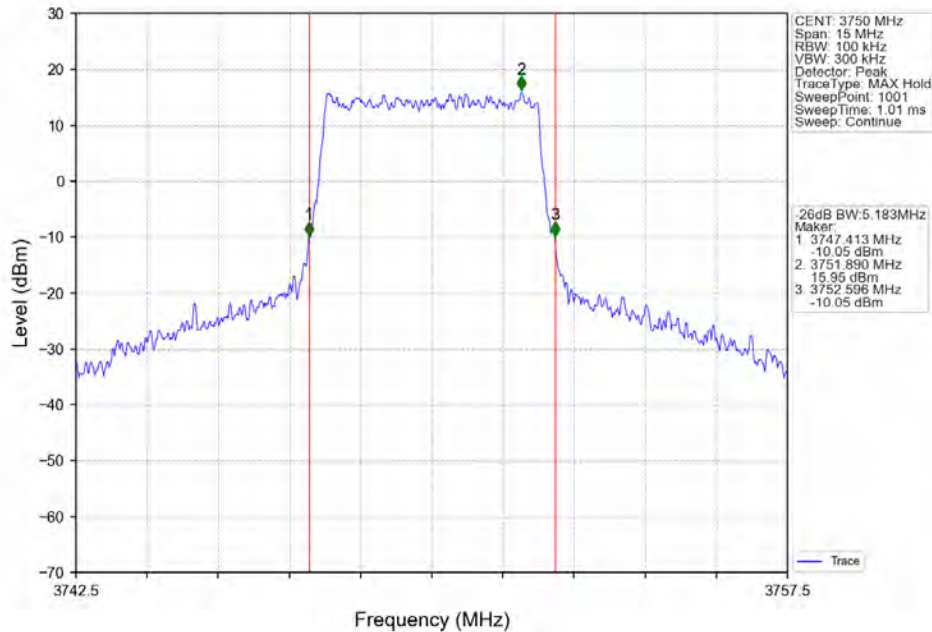
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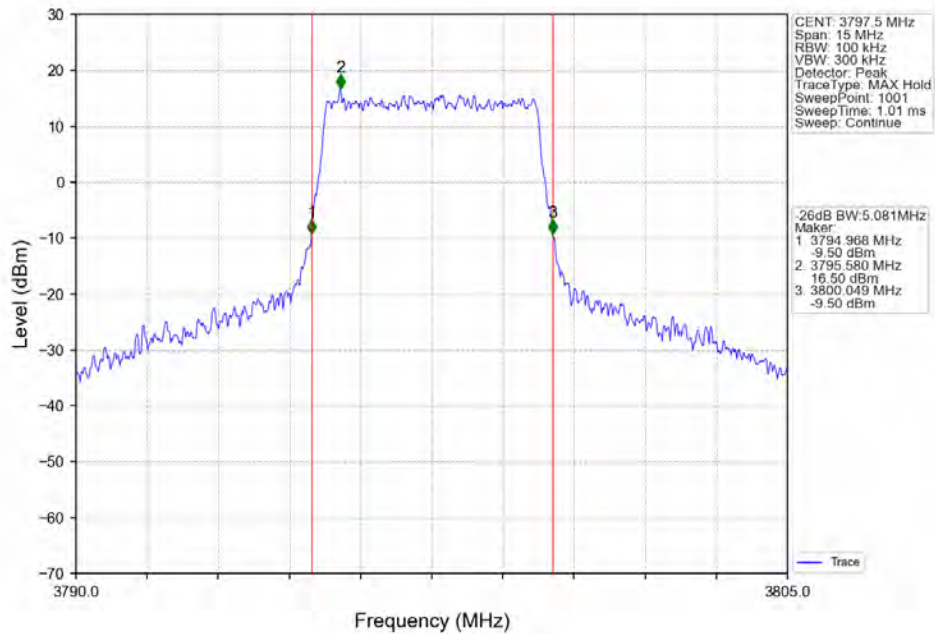
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Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



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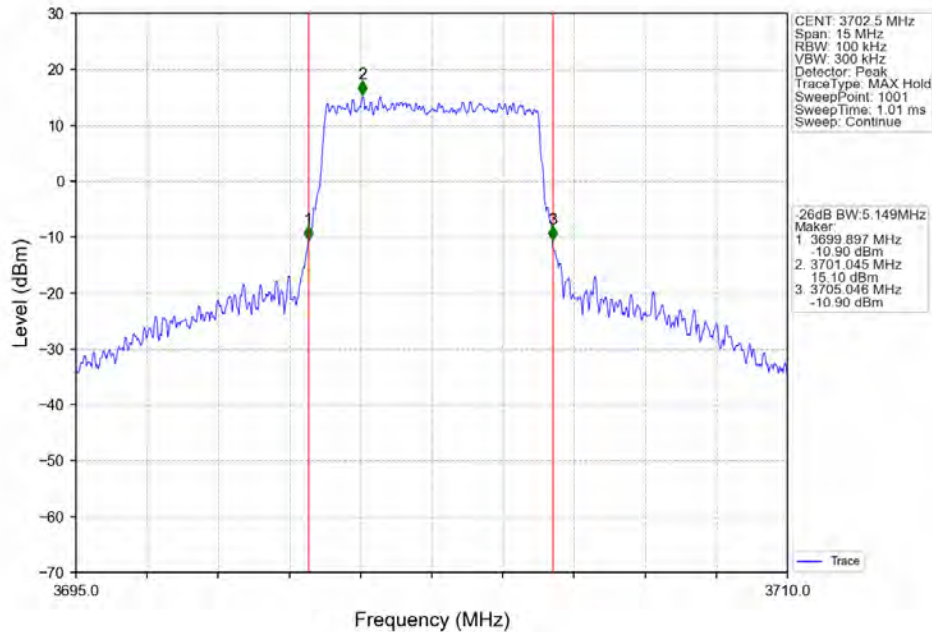
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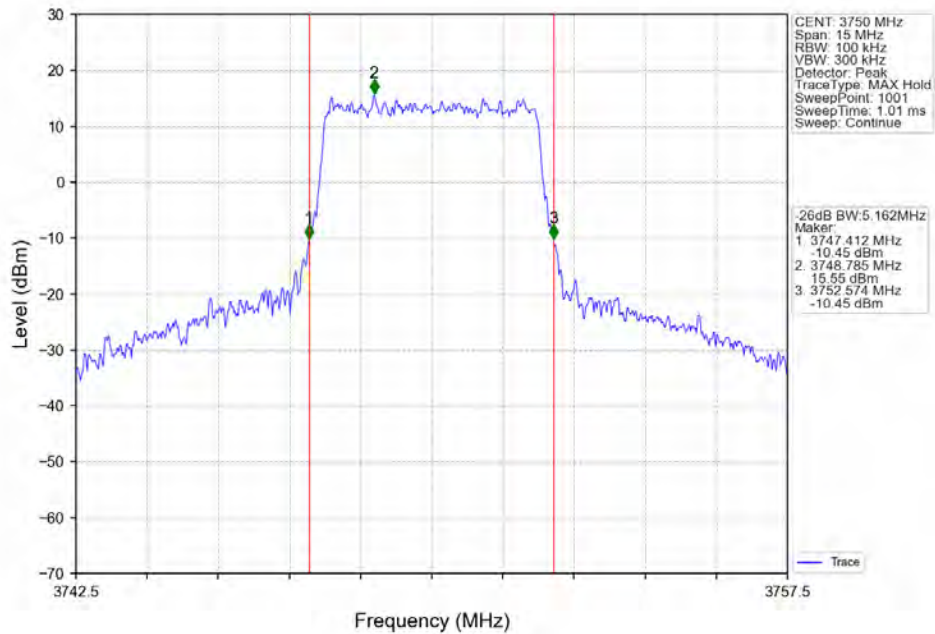
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Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



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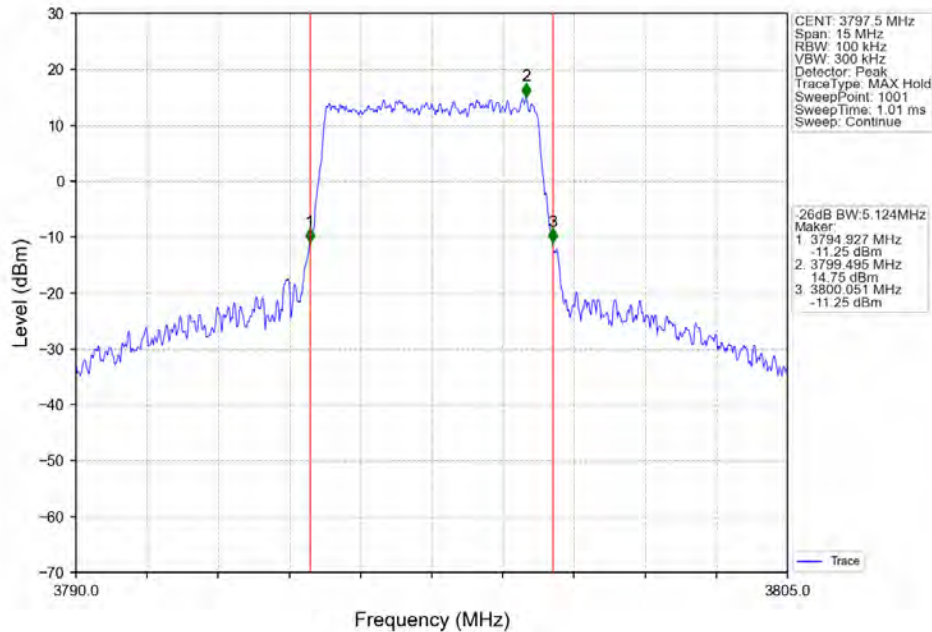
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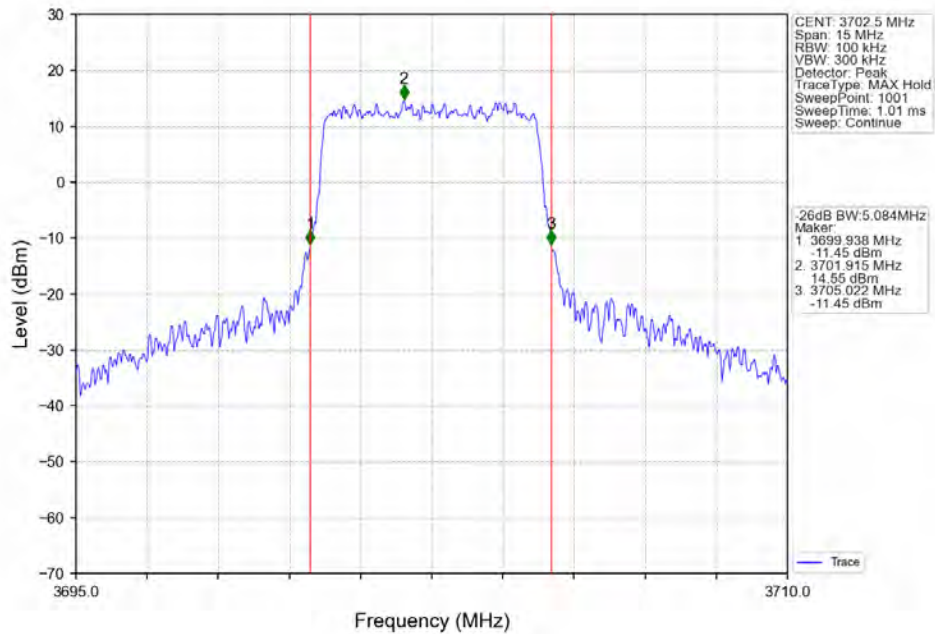
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Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



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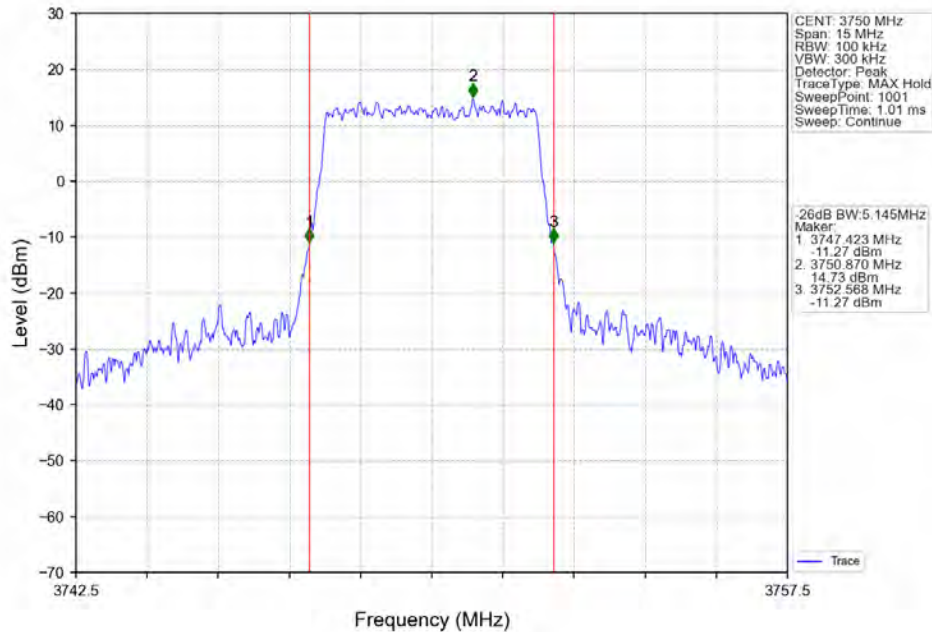
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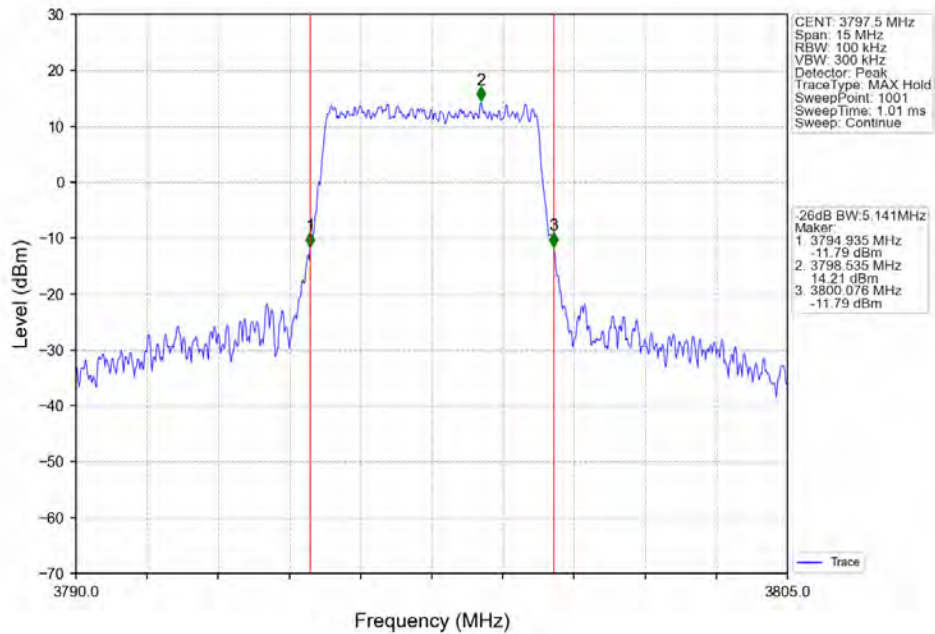
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Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



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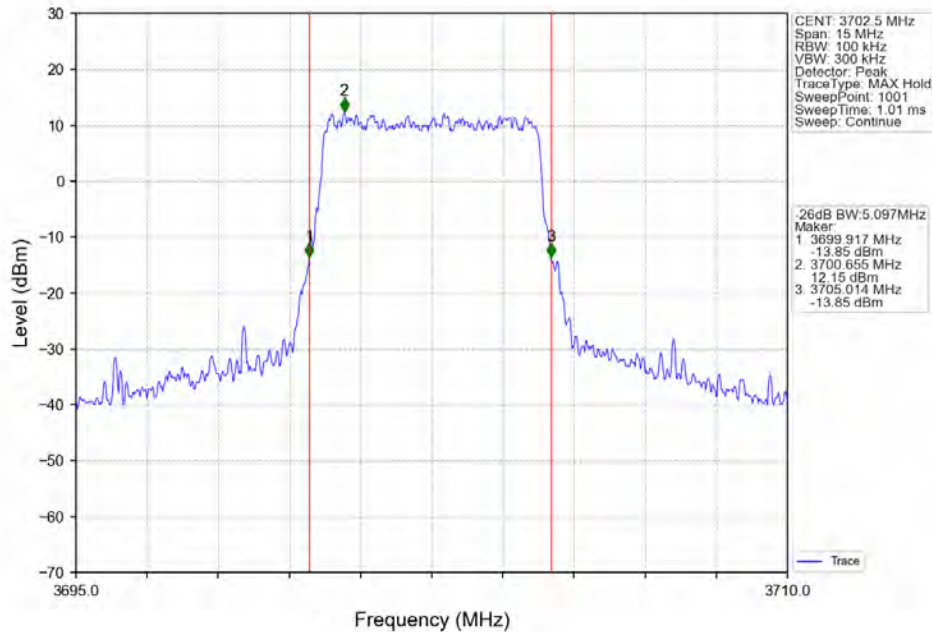
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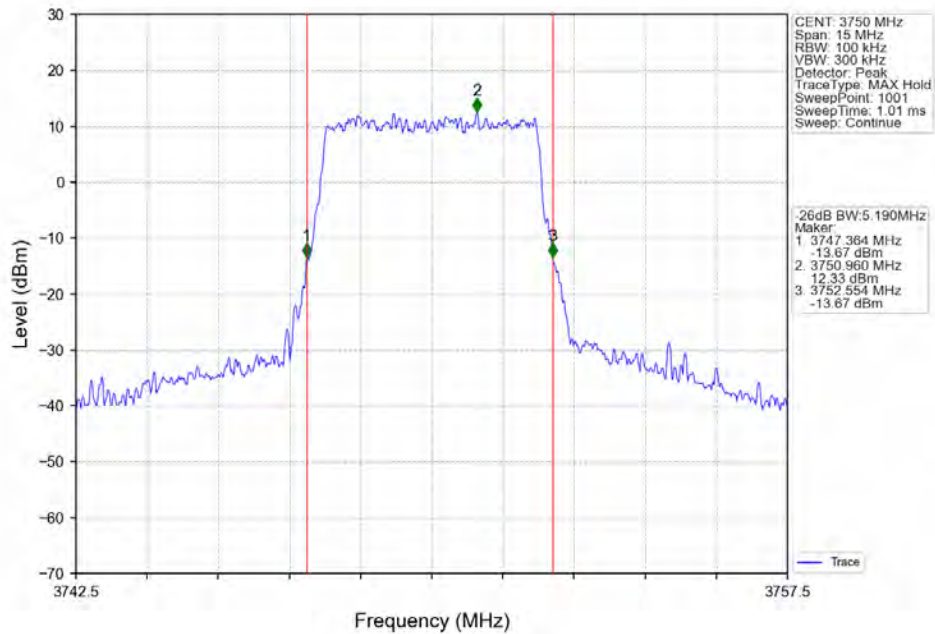
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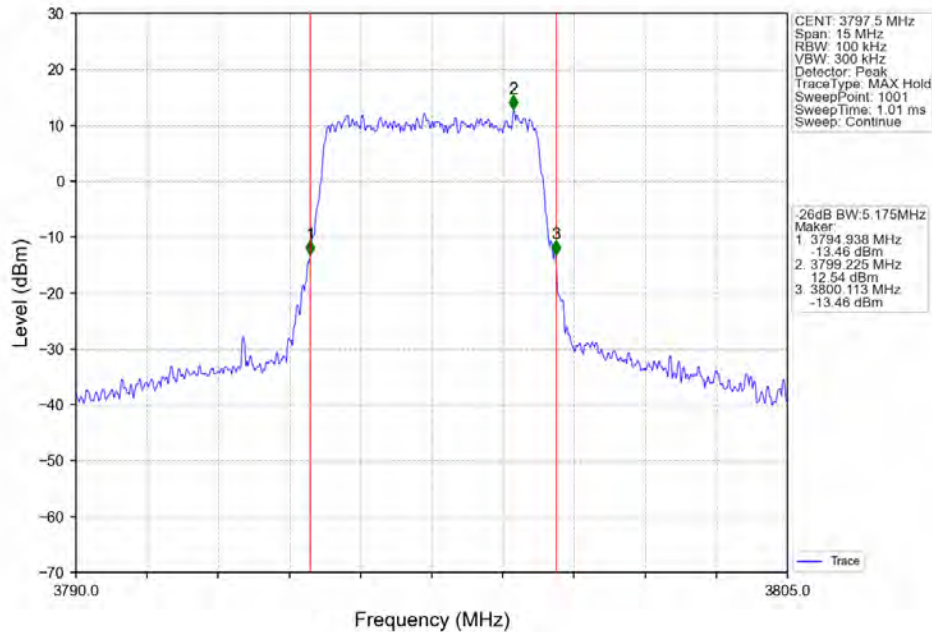
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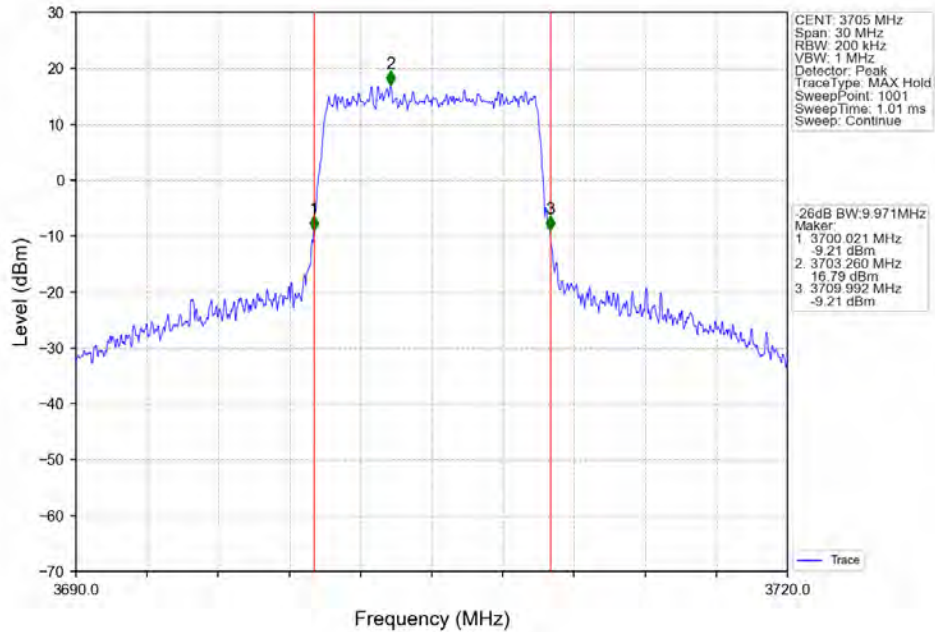
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Band43d 10MHz_QPSK_MCH_3750MHz_RB_50_0_NTNV



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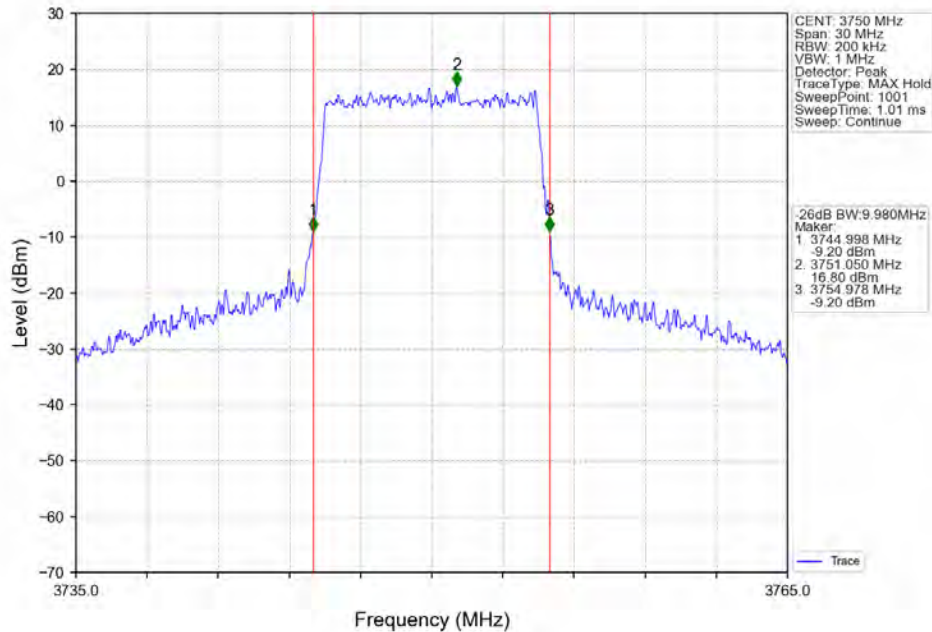
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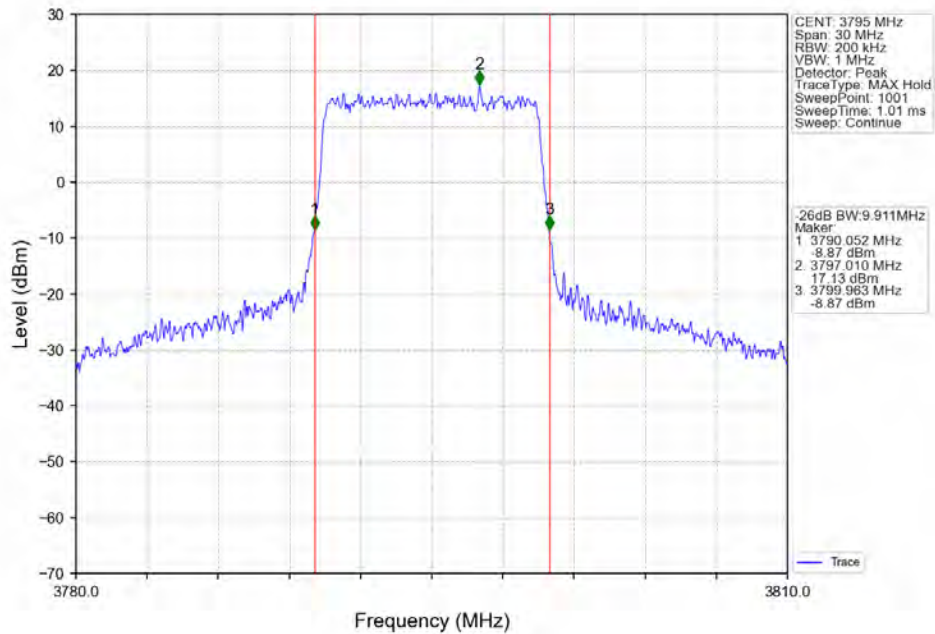
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Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



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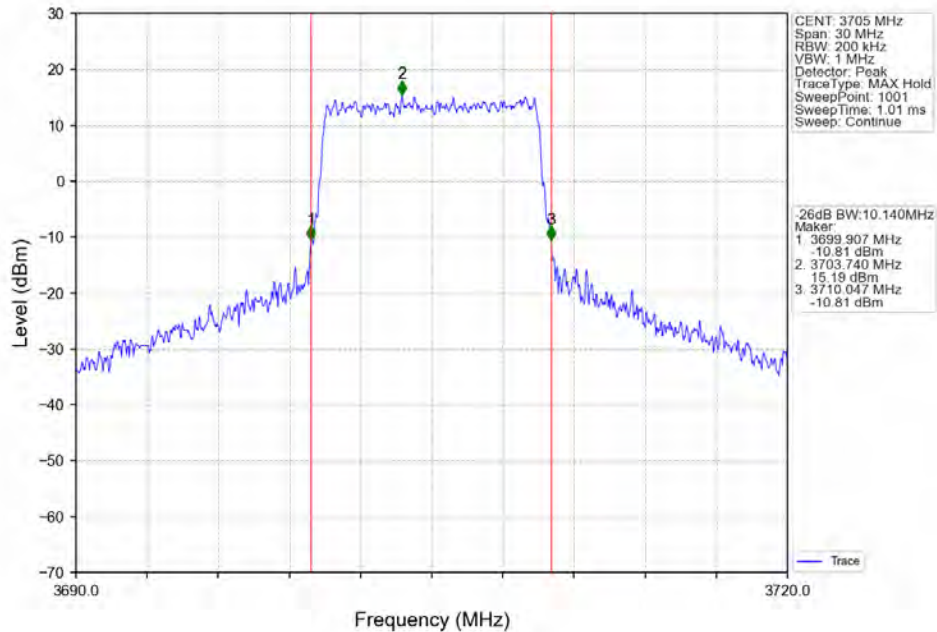
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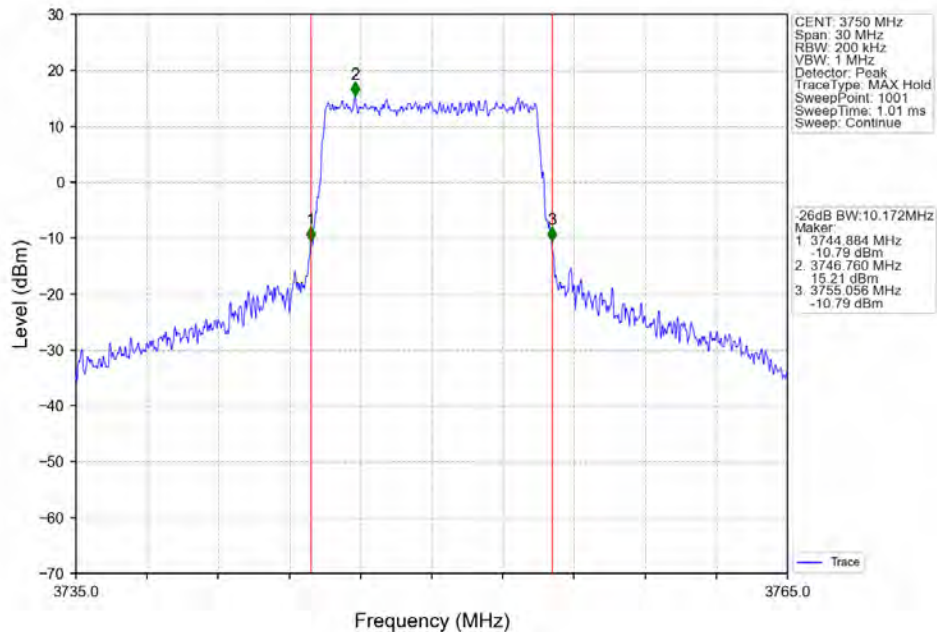
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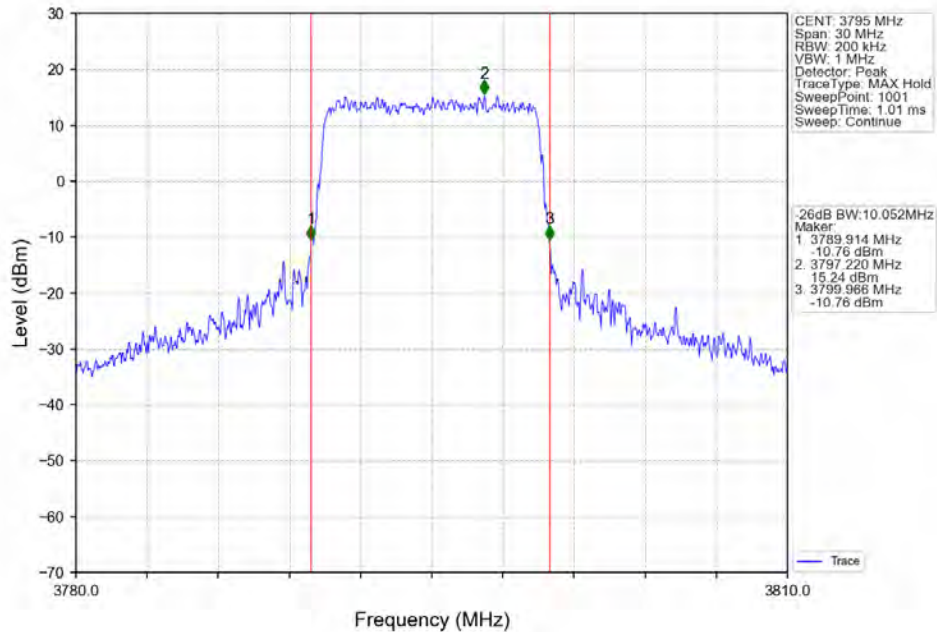
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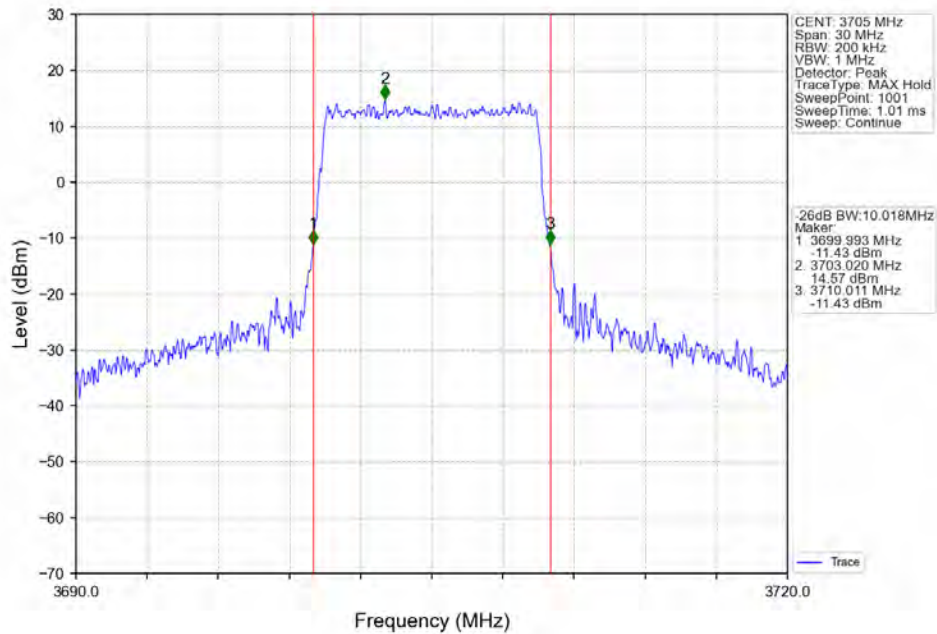
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Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



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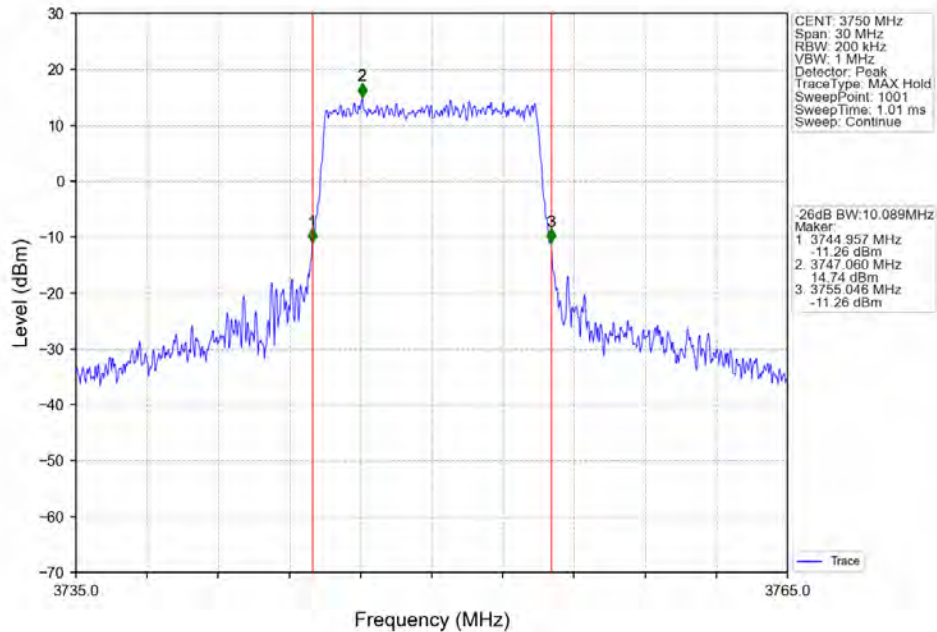
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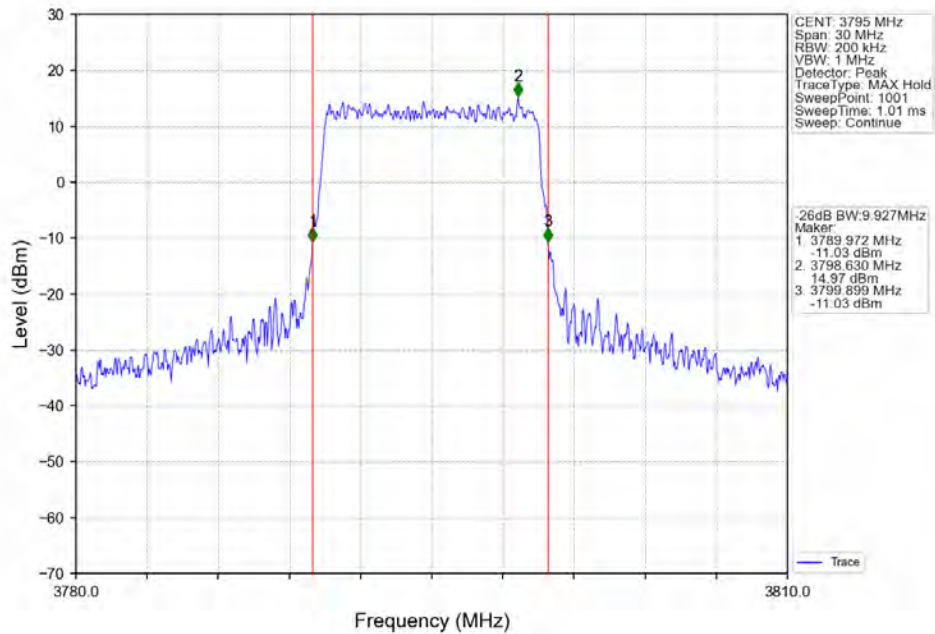
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Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



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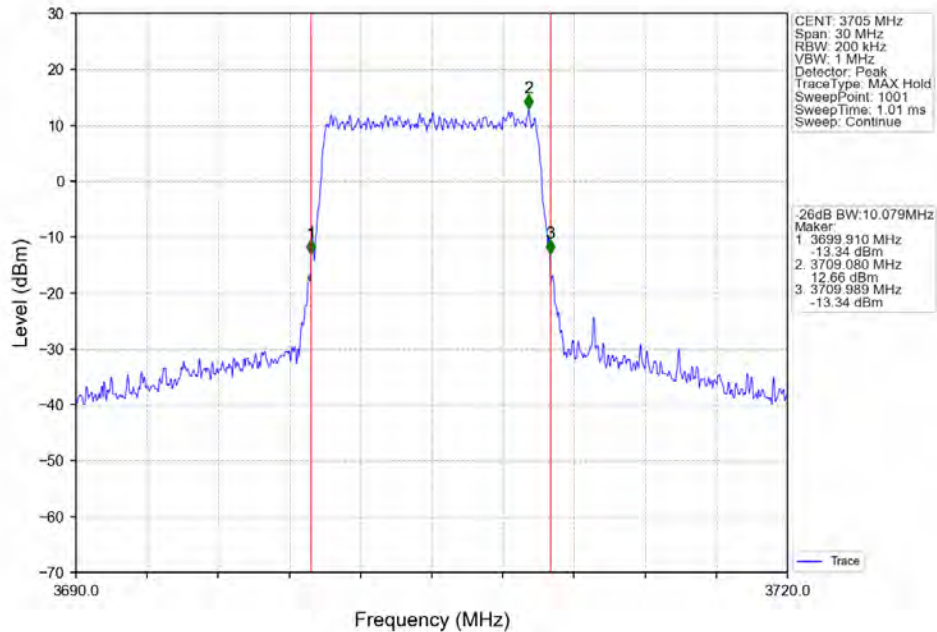
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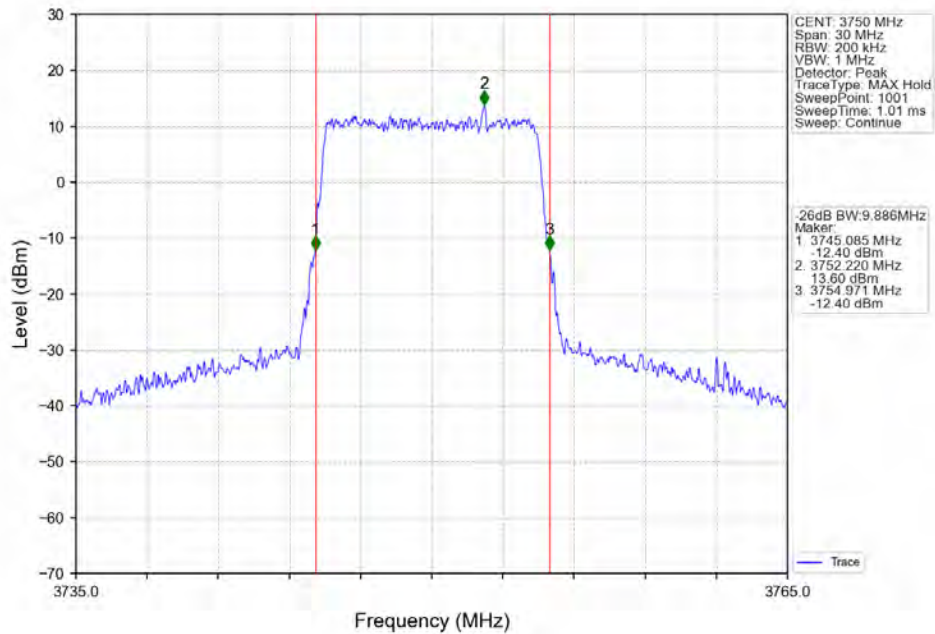
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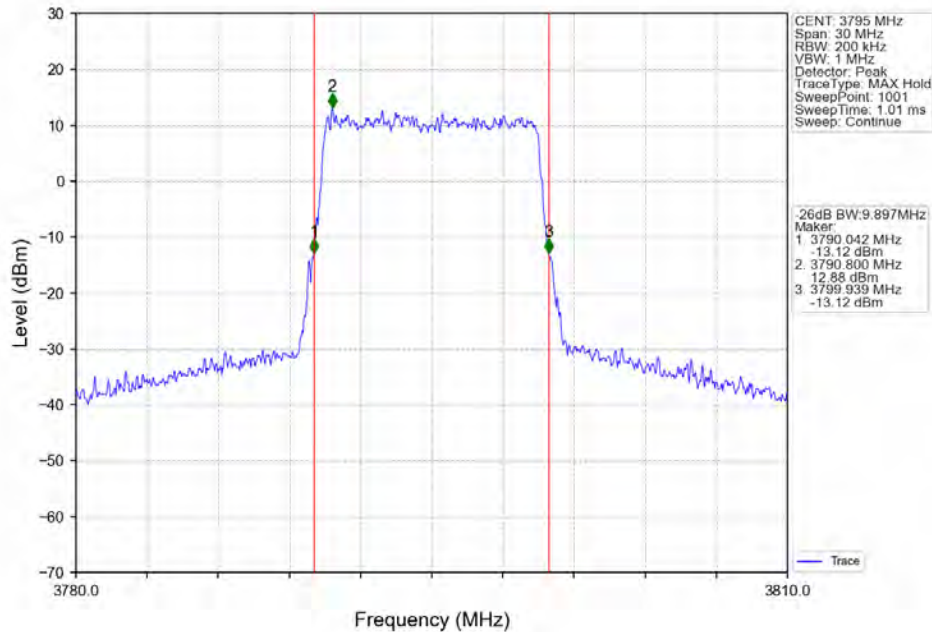
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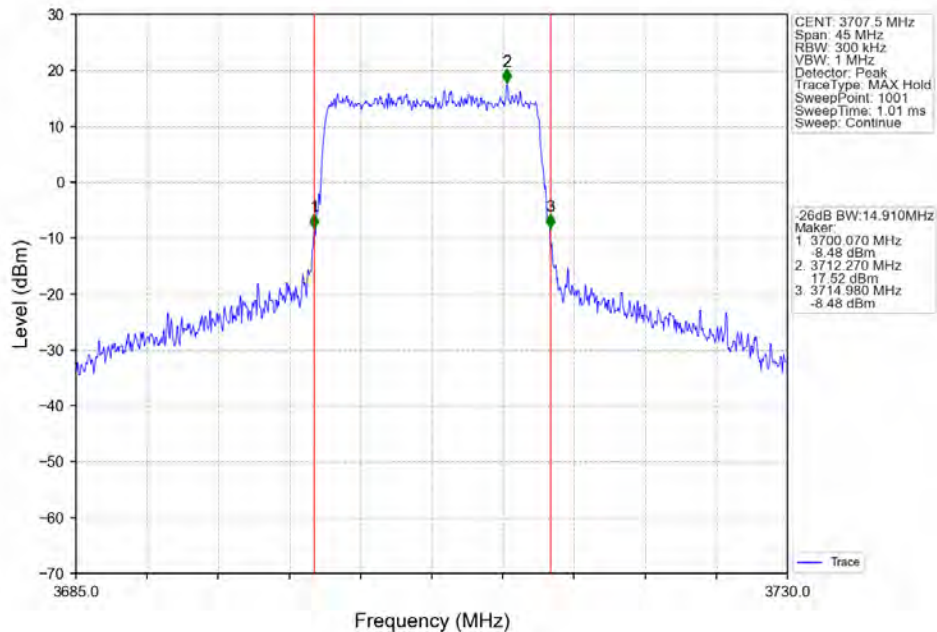
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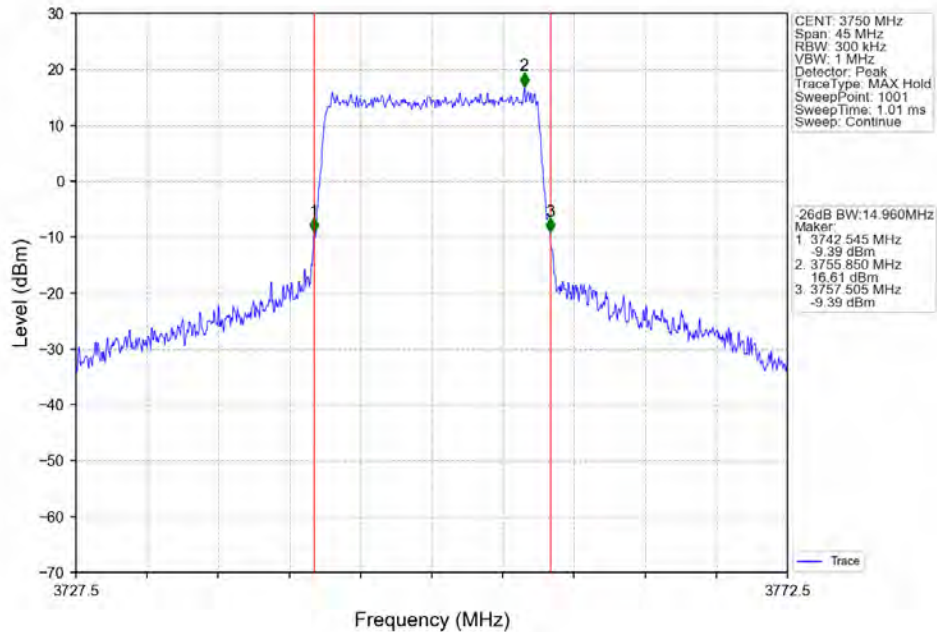
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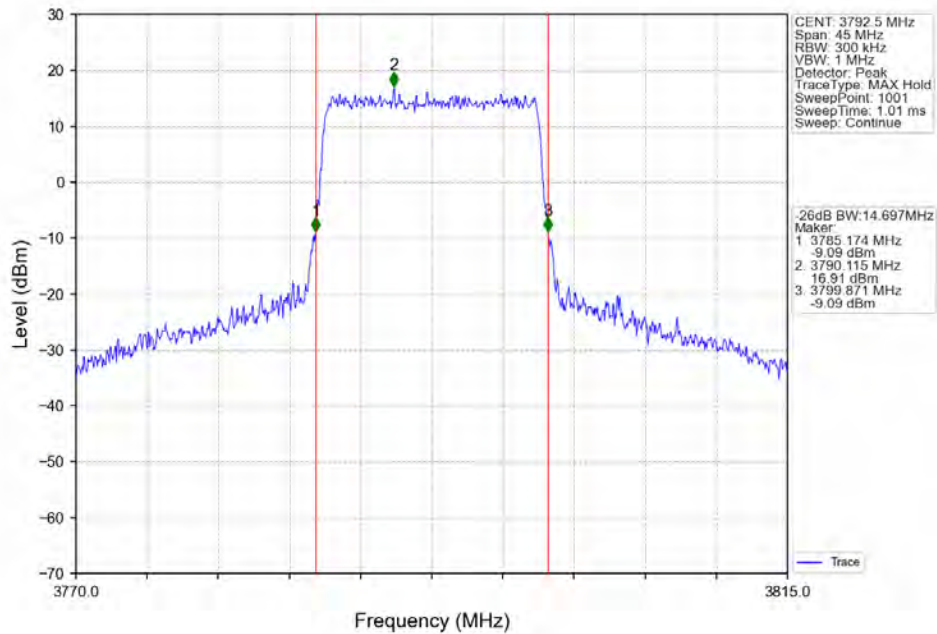
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Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



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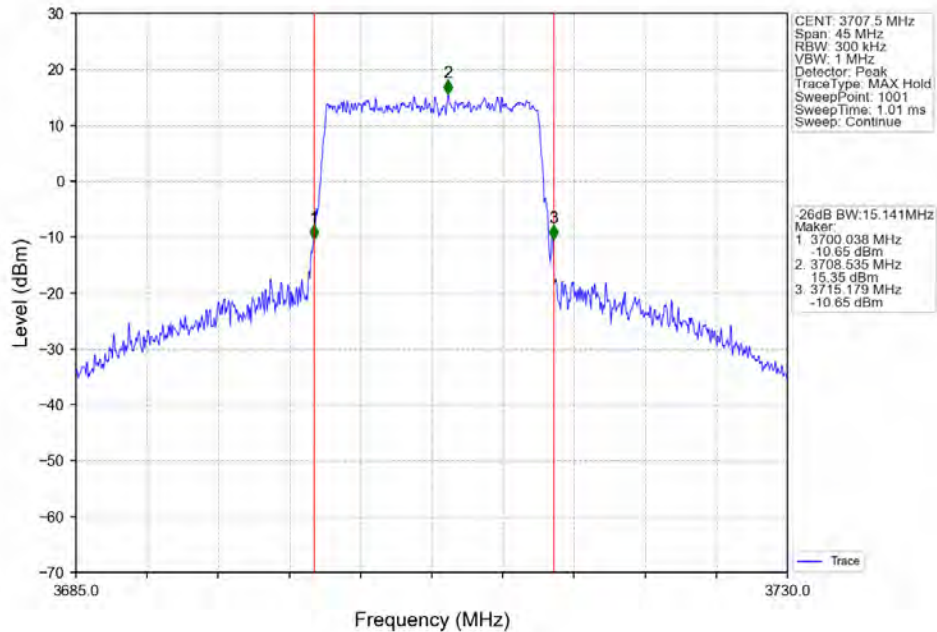
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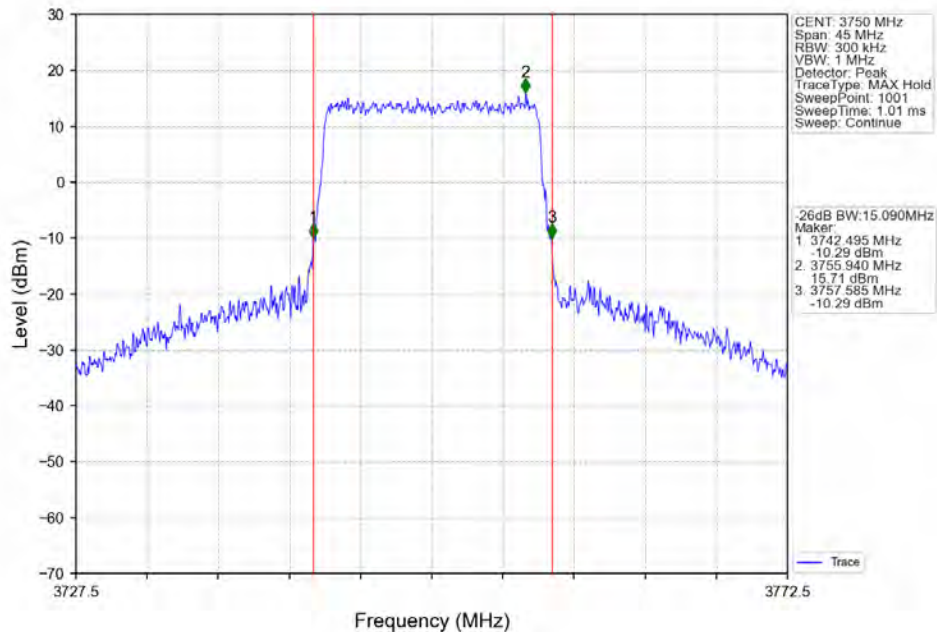
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Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



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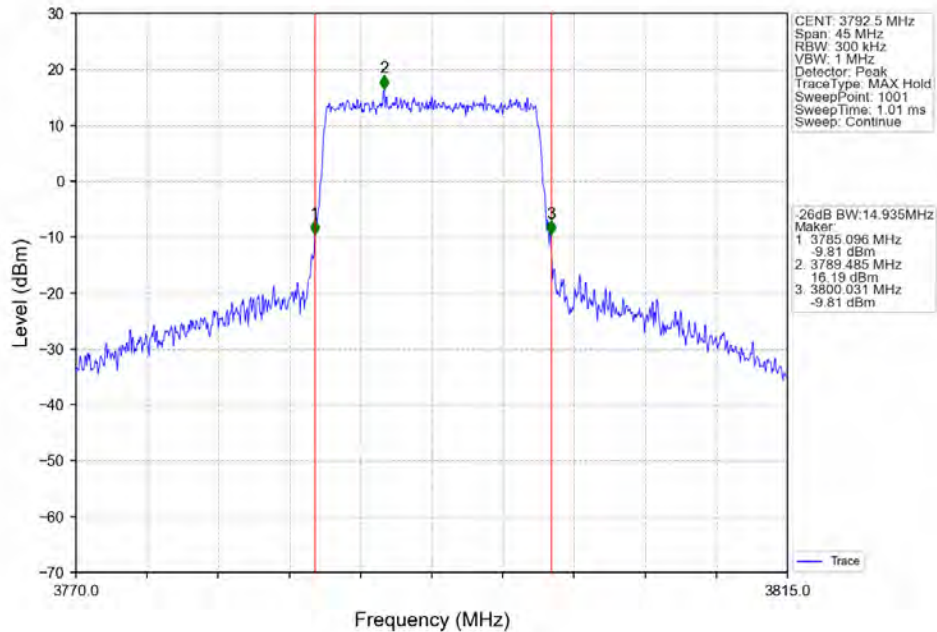
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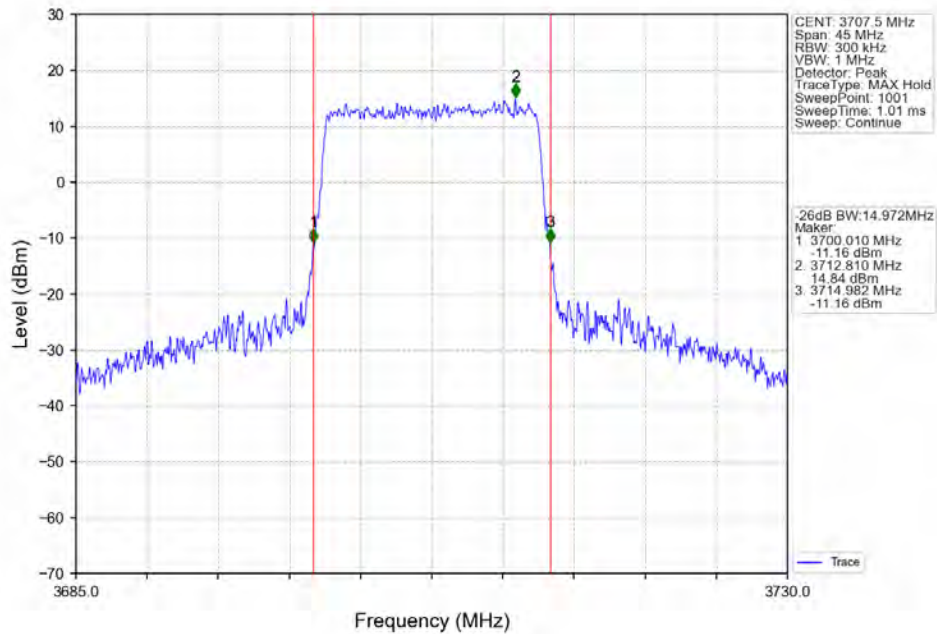
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Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



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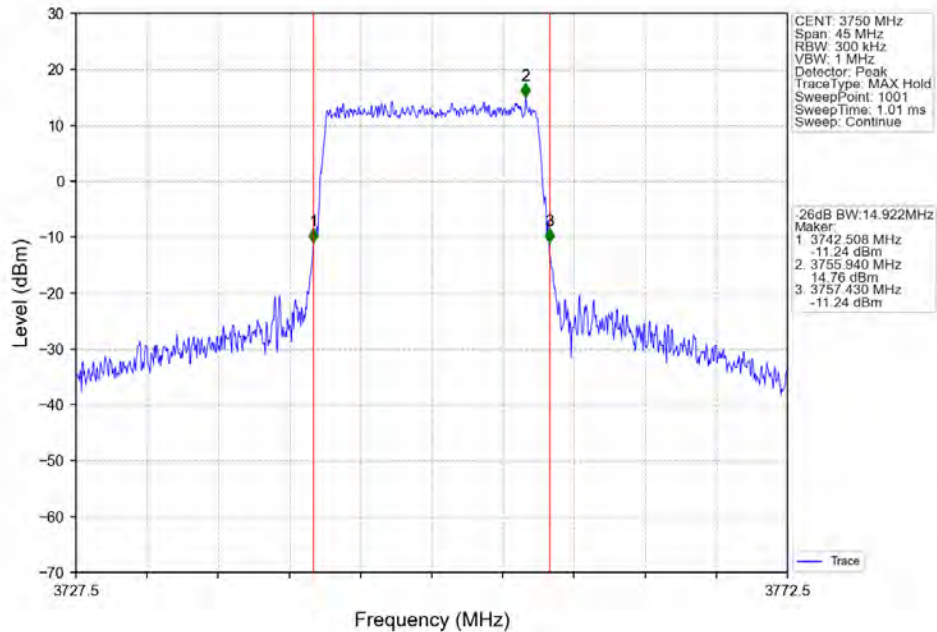
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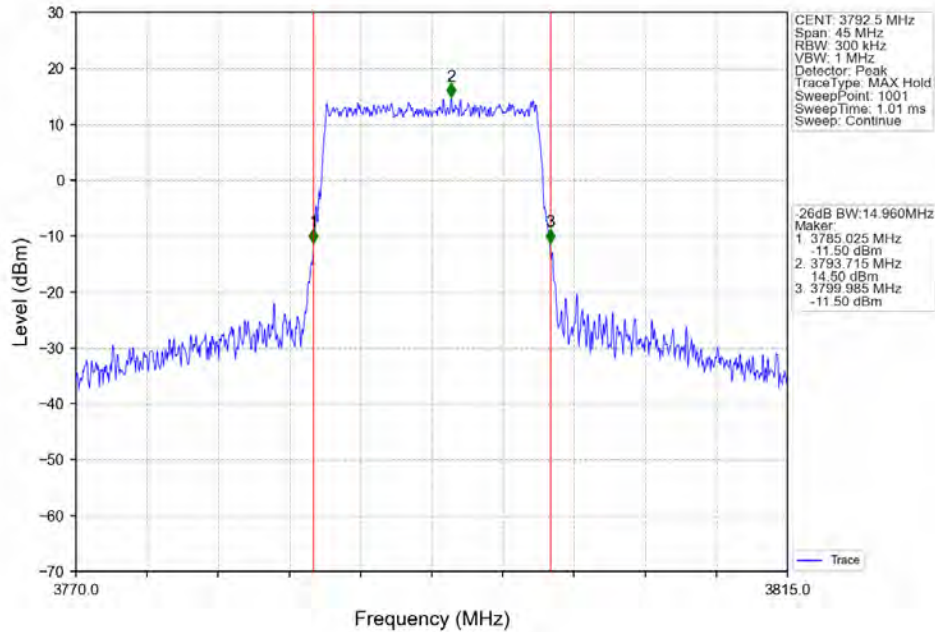
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Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



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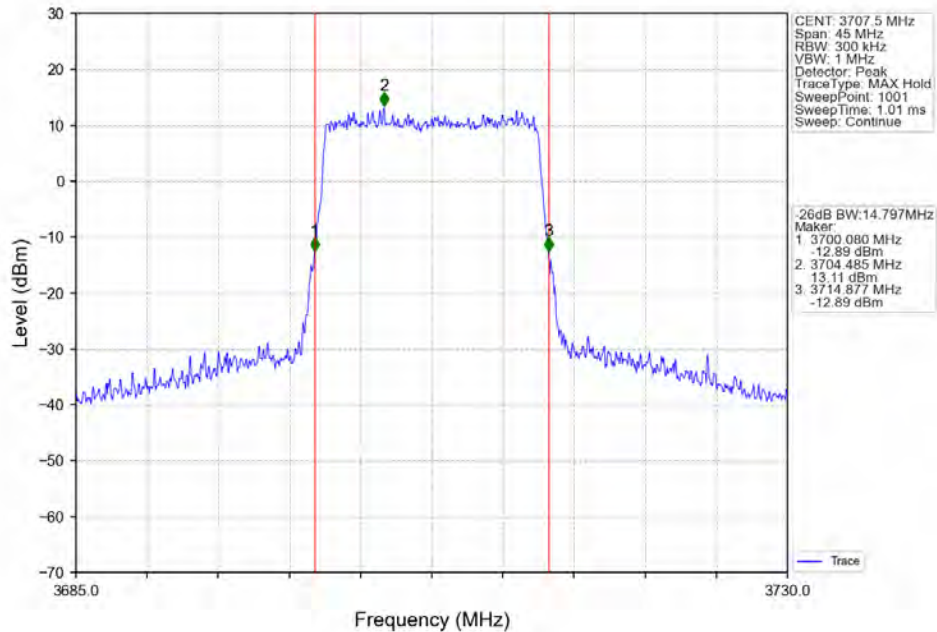
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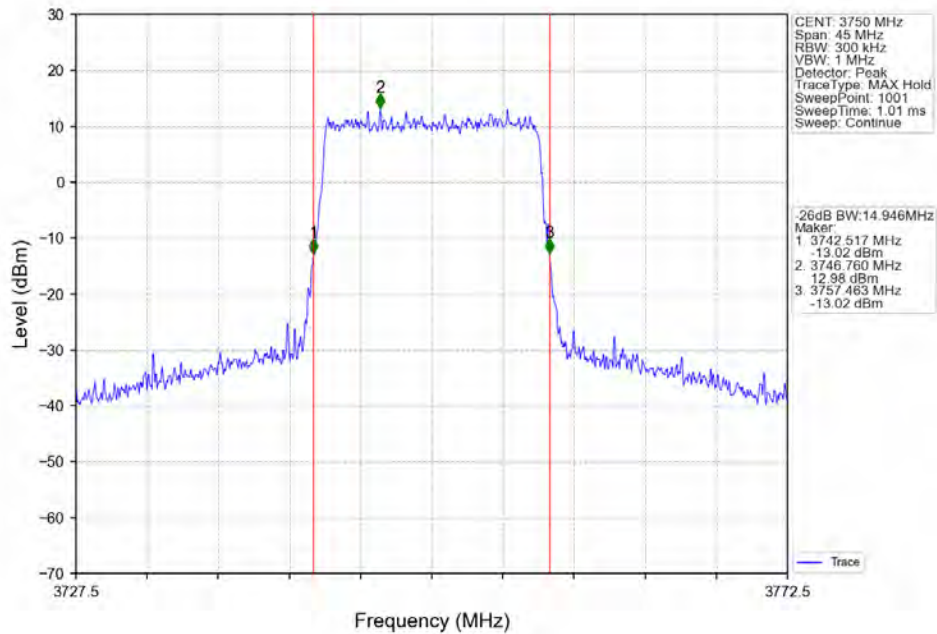
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Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV



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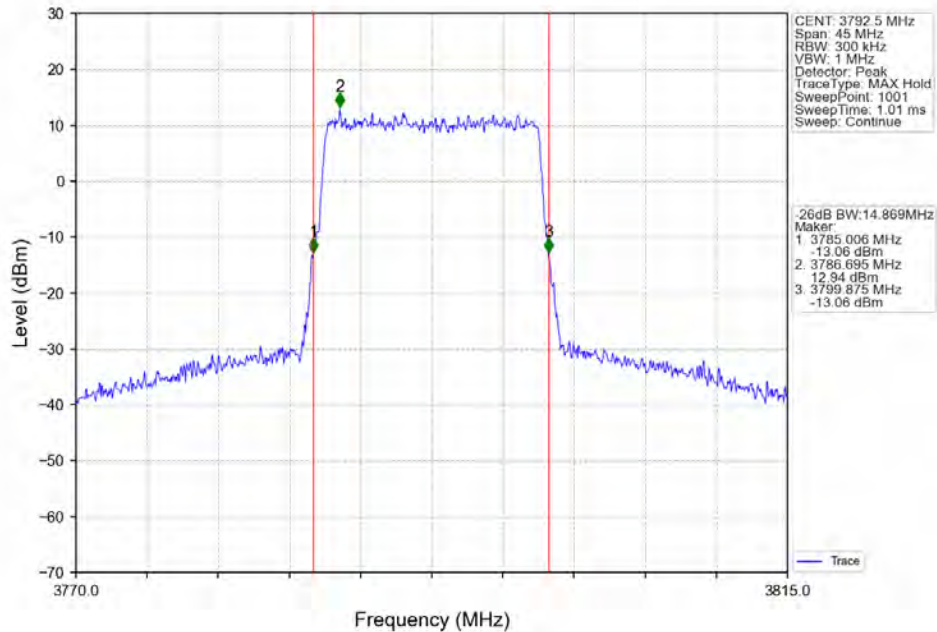
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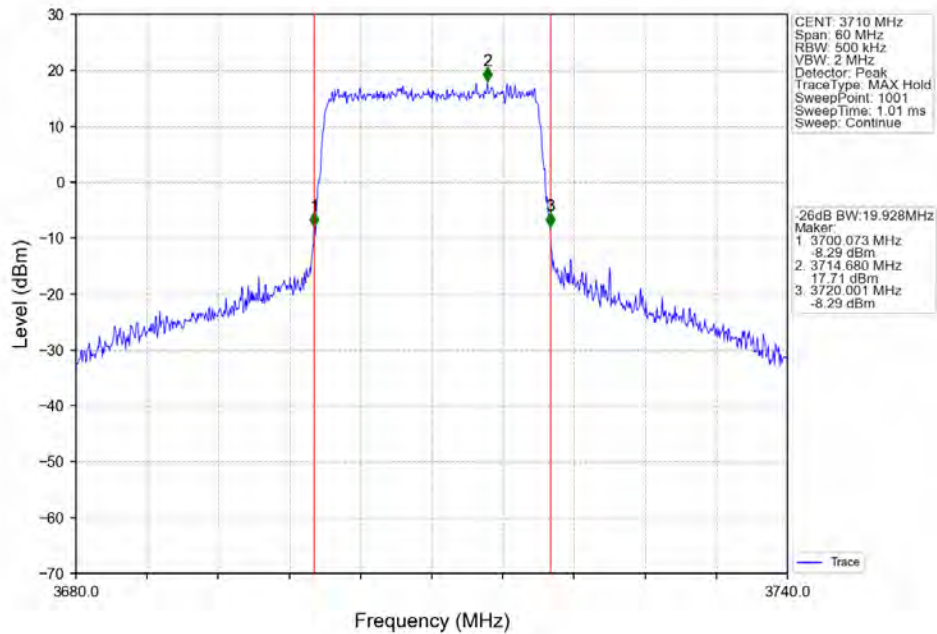
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Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



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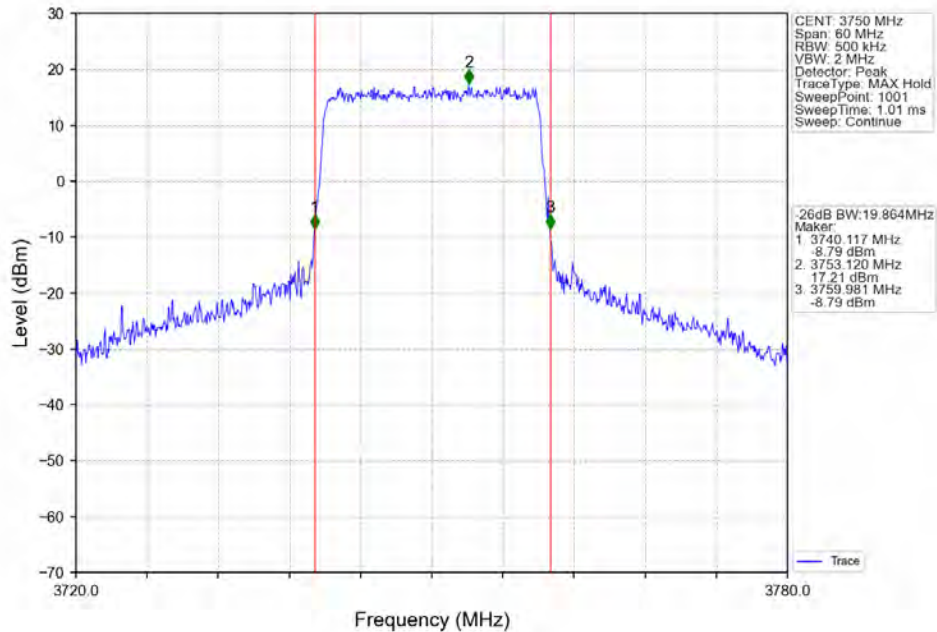
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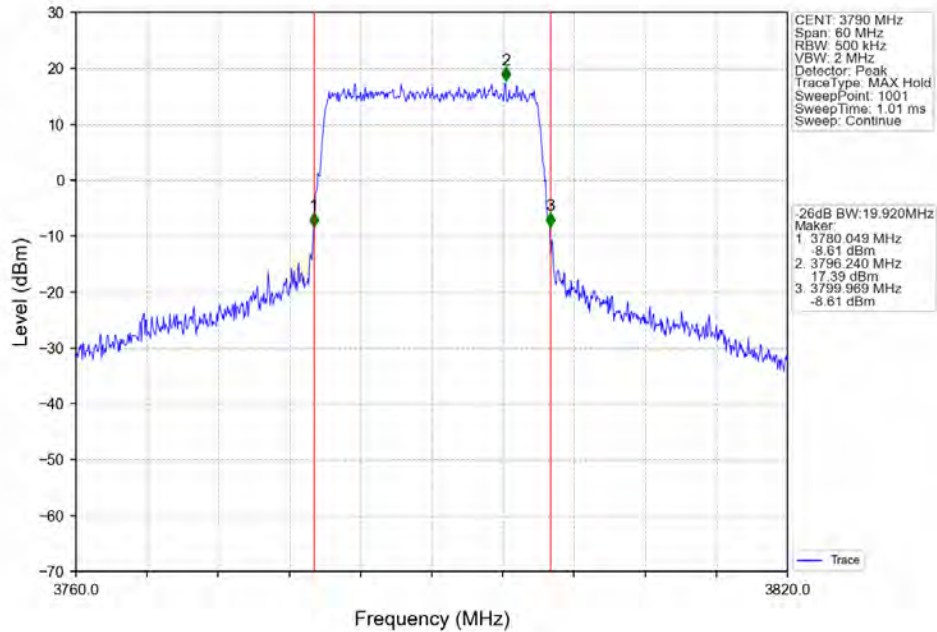
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Band43d_20MHz_16QAM LCH 3710MHz_RB_100_0_NTNV



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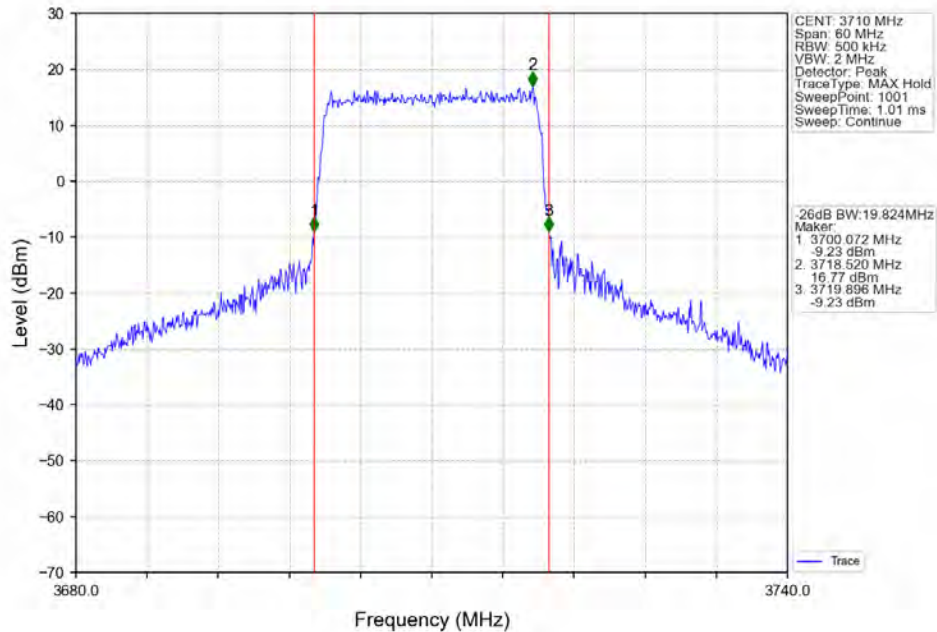
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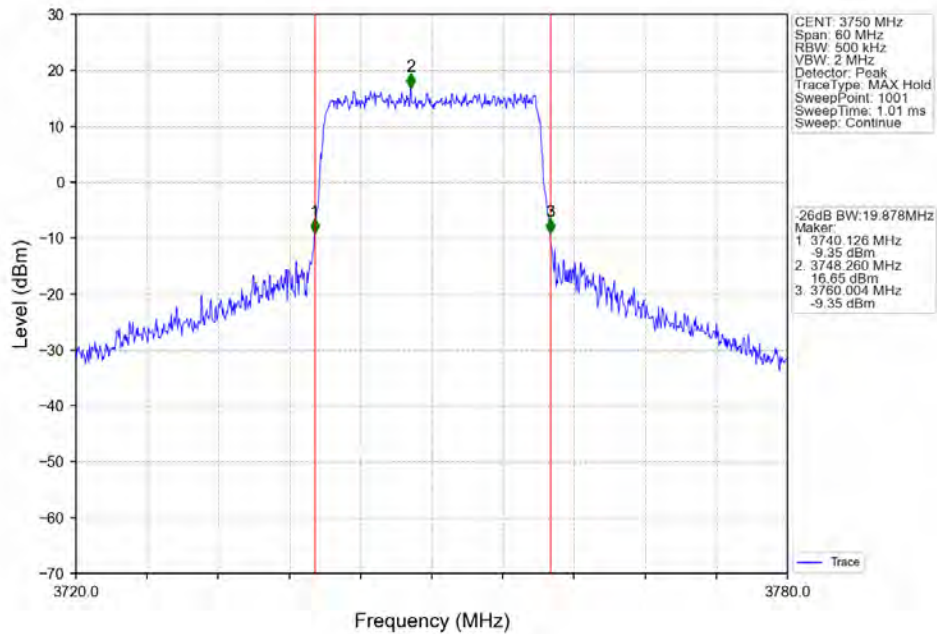
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Band43d_20MHz_16QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_16QAM_HCH_3790MHz_RB_100_0_NTNV



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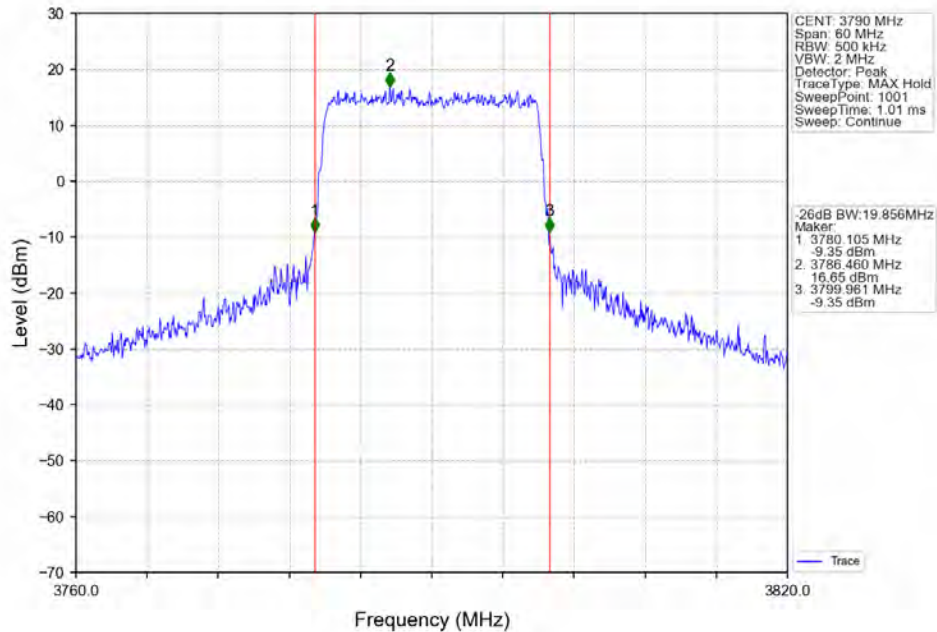
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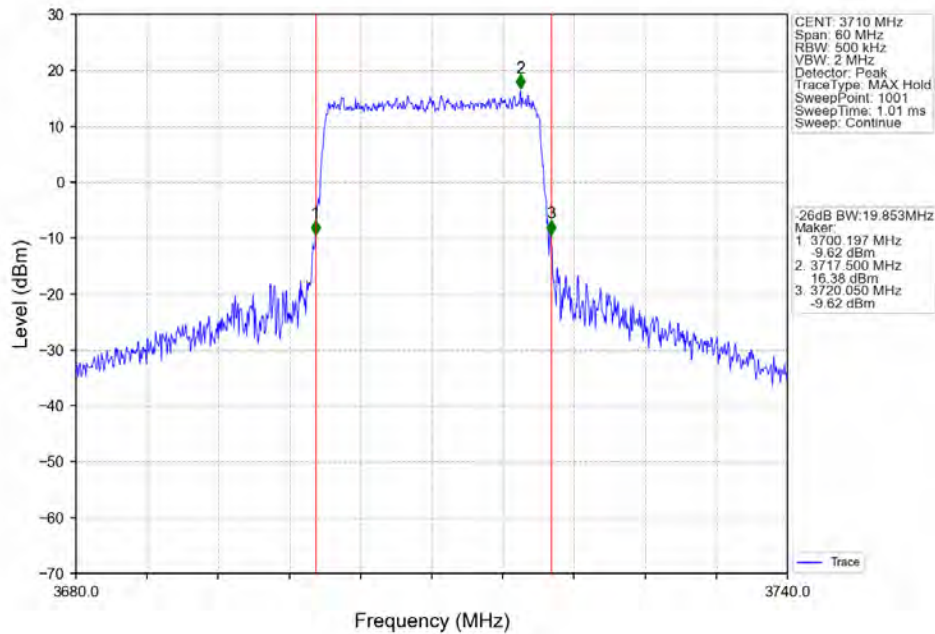
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Band43d_20MHz_64QAM_LCH_3710MHz_RB_100_0_NTNV



Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



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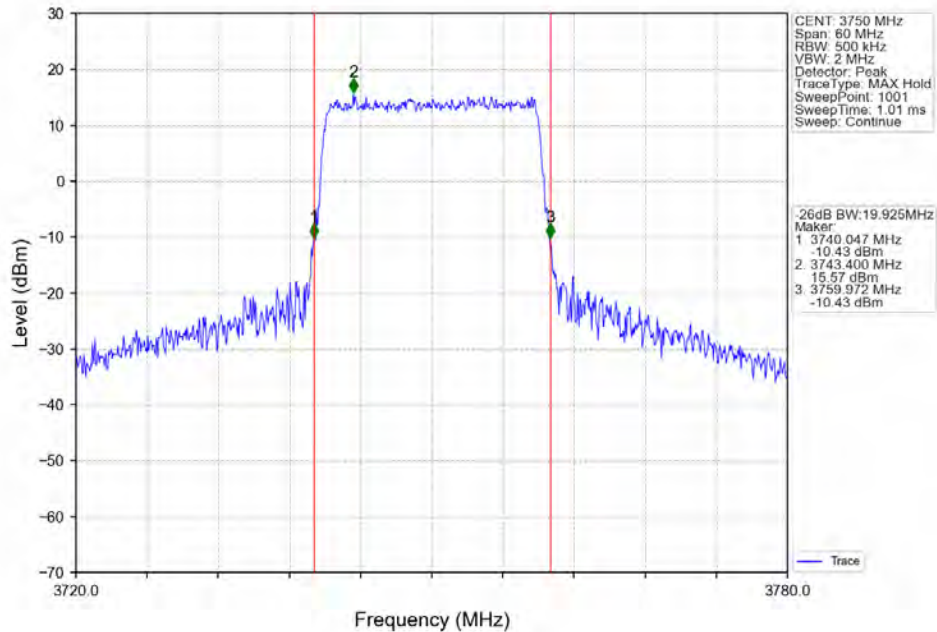
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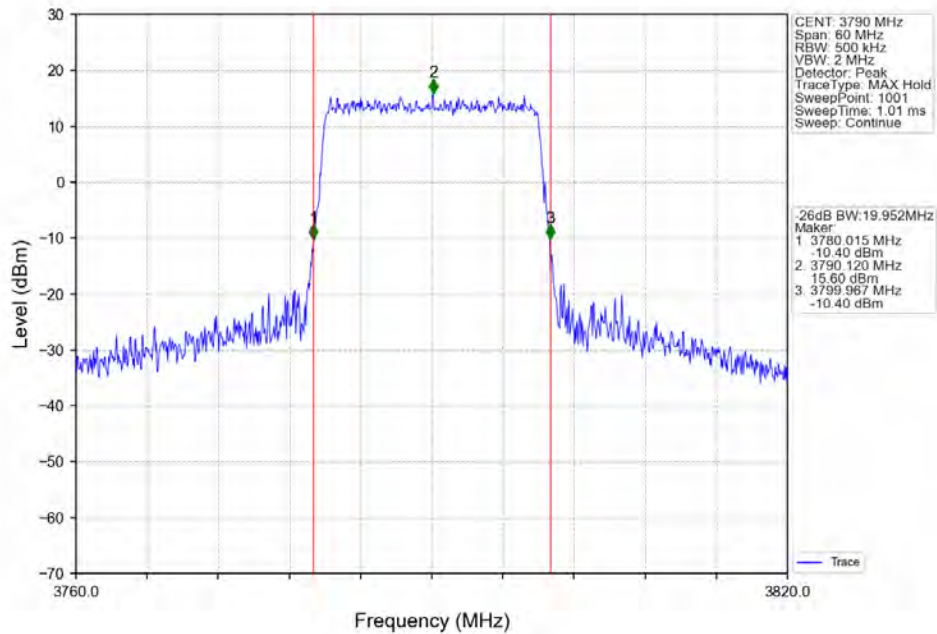
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Band43d 20MHz 64QAM HCH 3790MHz RB 100 0 NTNV



Band43d 20MHz 256QAM LCH 3710MHz RB 100 0 NTNV



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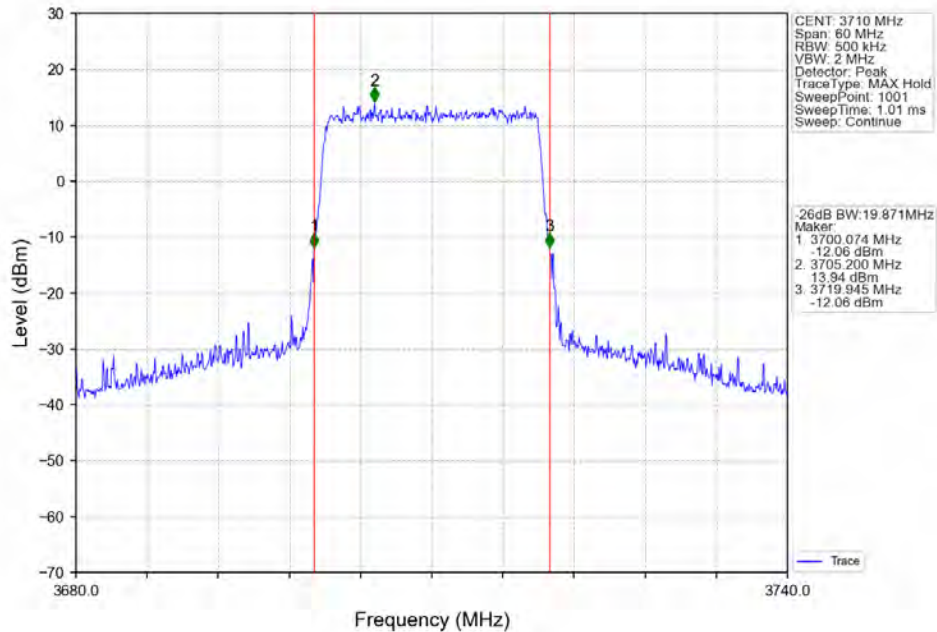
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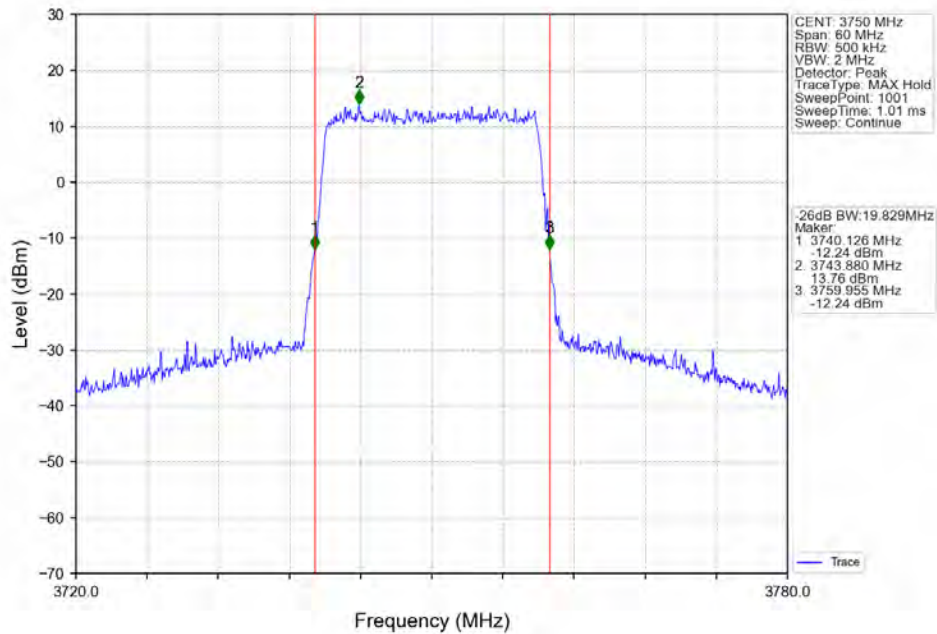
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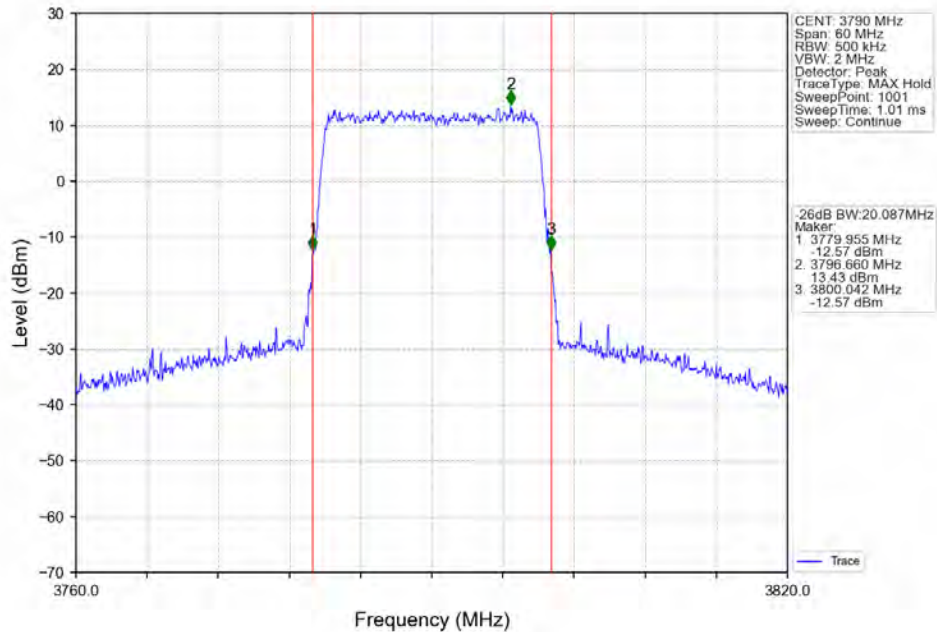
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5. Peak-Average Ratio

5.1 B43d_5MHz

5.1.1 Test Result

Band: 43d / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3702.5	25	0	8.78	<=13	Pass
	3750	25	0	8.84	<=13	Pass
	3797.5	25	0	8.84	<=13	Pass
16QAM	3702.5	25	0	9.72	<=13	Pass
	3750	25	0	9.74	<=13	Pass
	3797.5	25	0	9.76	<=13	Pass
64QAM	3702.5	25	0	9.76	<=13	Pass
	3750	25	0	9.70	<=13	Pass
	3797.5	25	0	9.78	<=13	Pass
256QAM	3702.5	25	0	10.42	<=13	Pass
	3750	25	0	10.36	<=13	Pass
	3797.5	25	0	10.38	<=13	Pass



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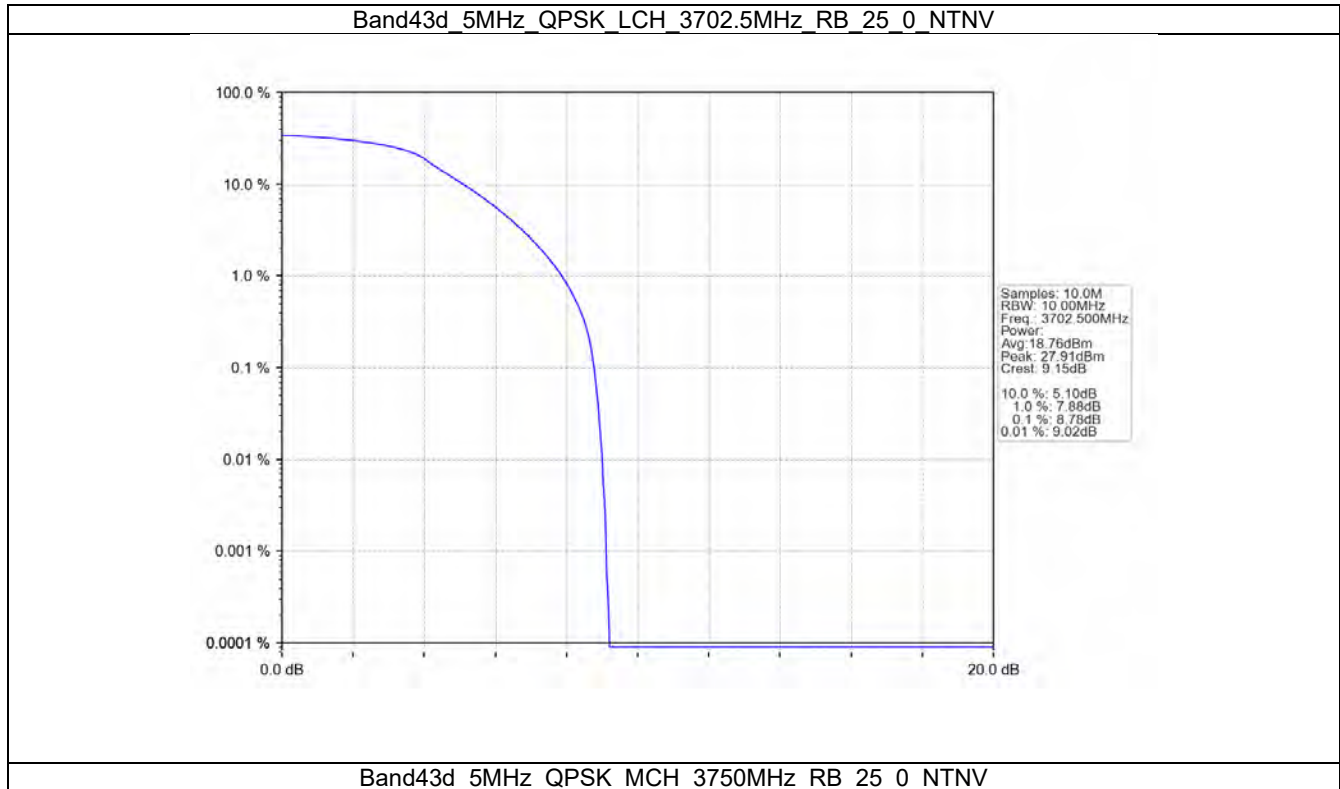
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5.1.2 Test Graph



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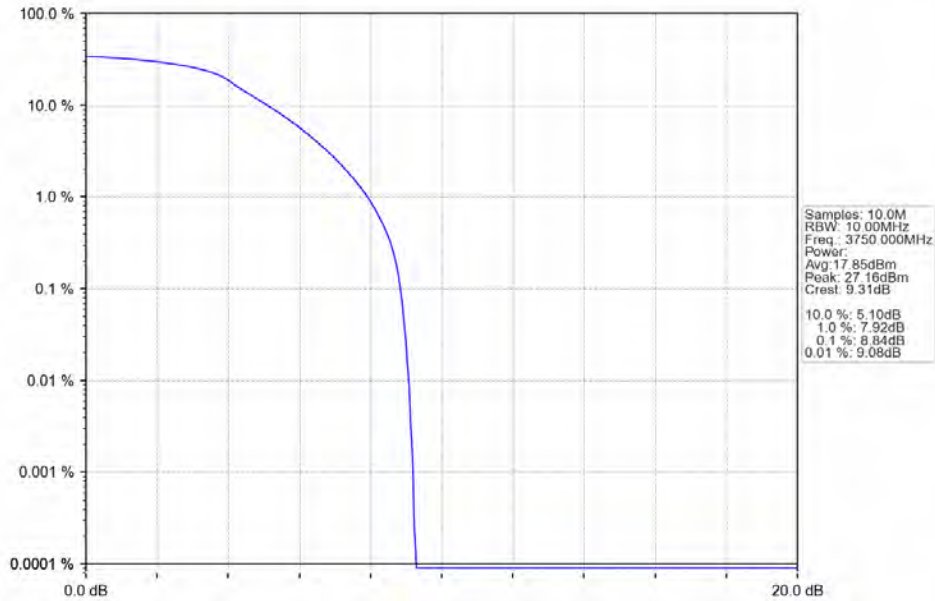
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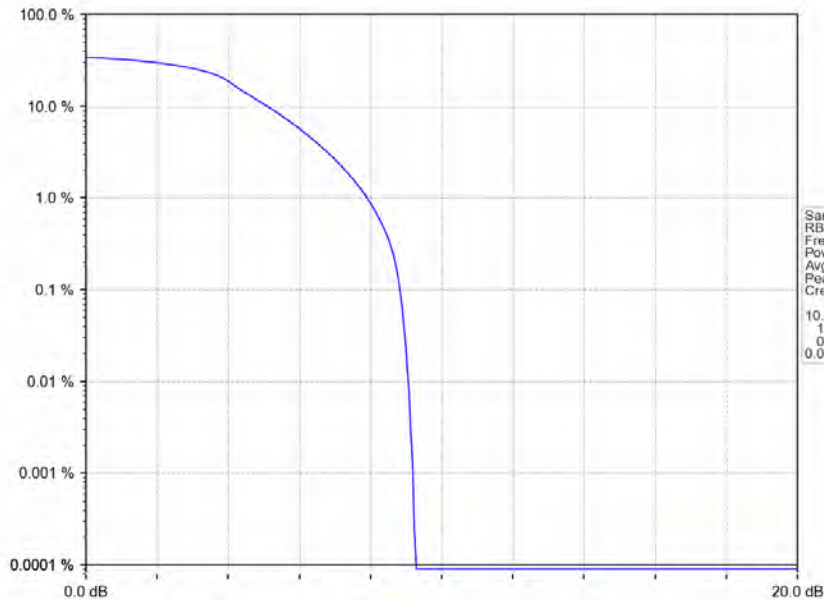
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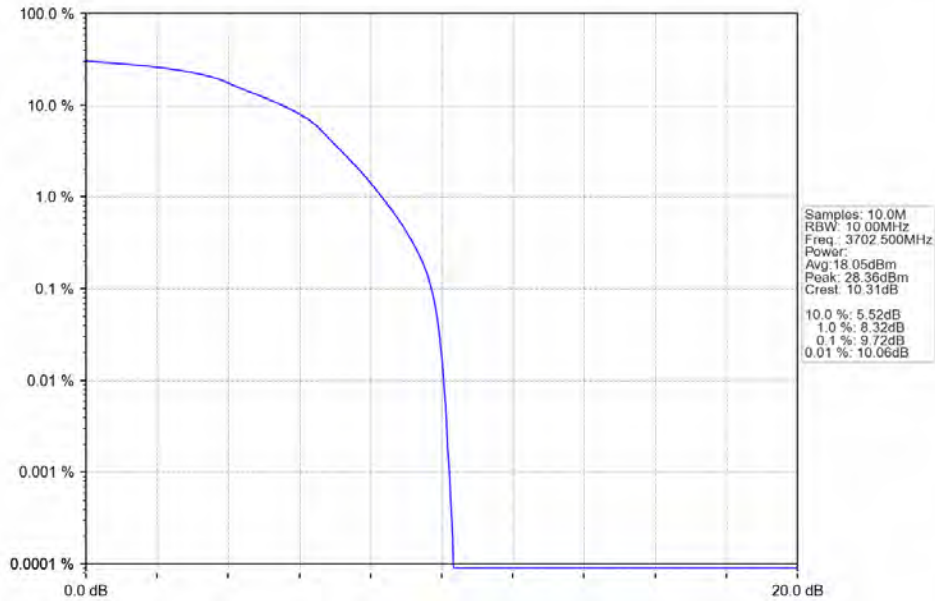
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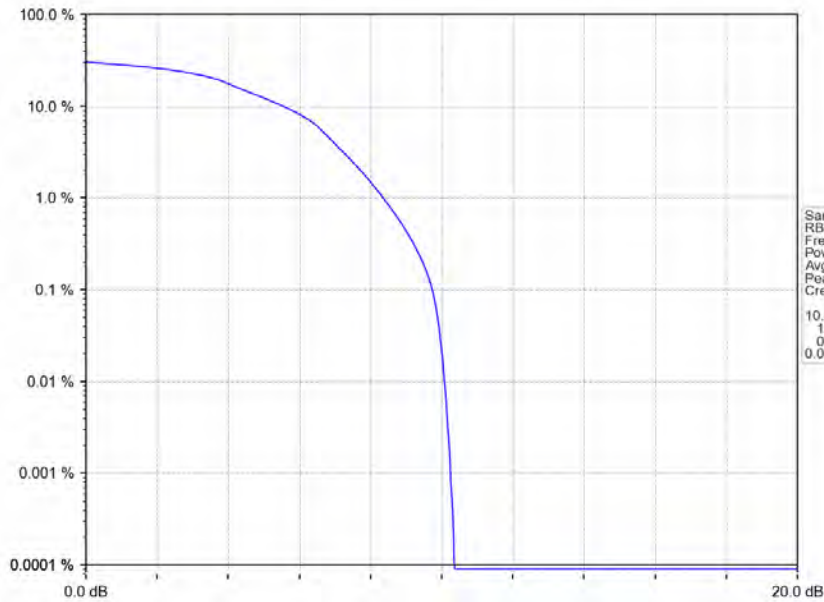
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Band43d_5MHz_16QAM_MCH_3750MHz_RB_25_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq: 3750.000MHz
Power:
Avg: 18.02dBm
Peak: 28.39dBm
Crest: 10.37dB
10.0 %: 5.56dB
1.0 %: 8.36dB
0.1 %: 9.74dB
0.01 %: 10.08dB

Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



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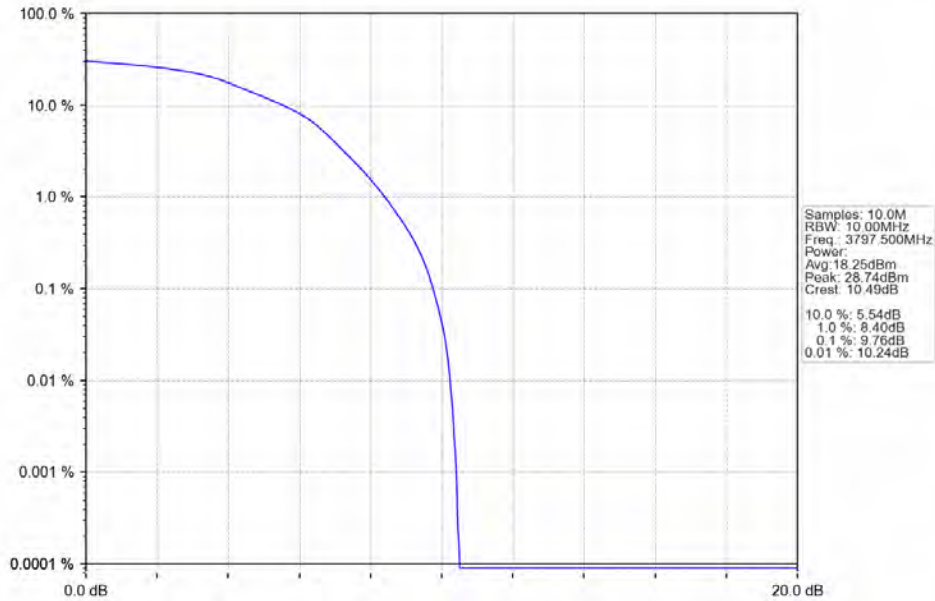
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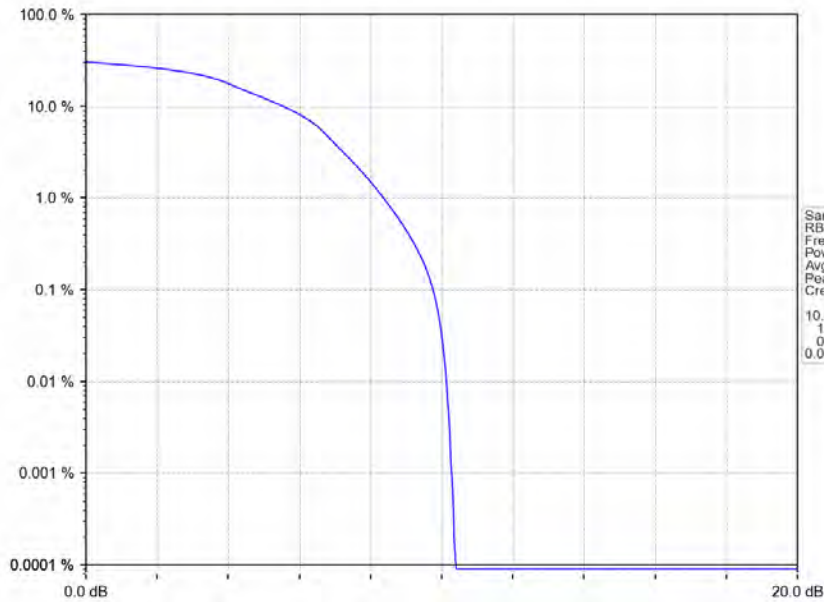
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Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV



Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



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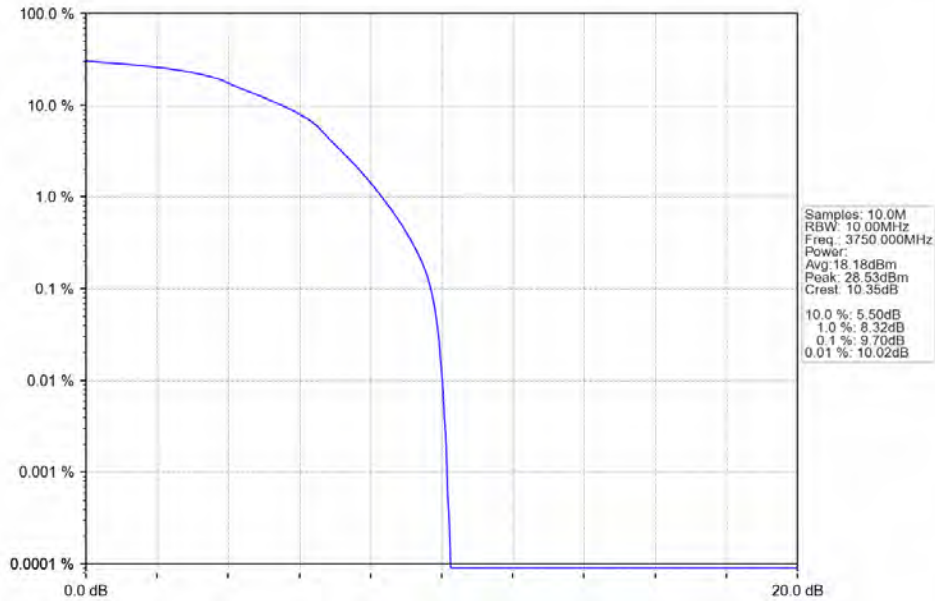
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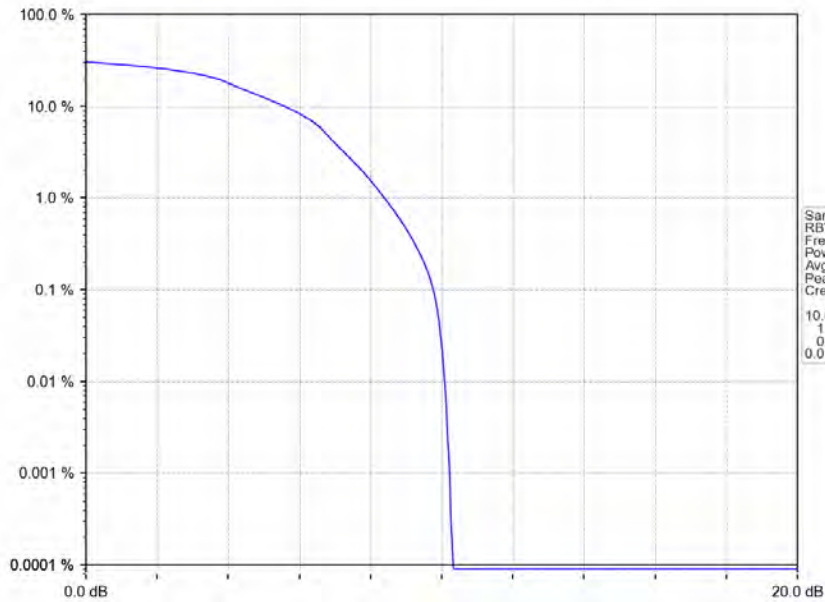
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Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



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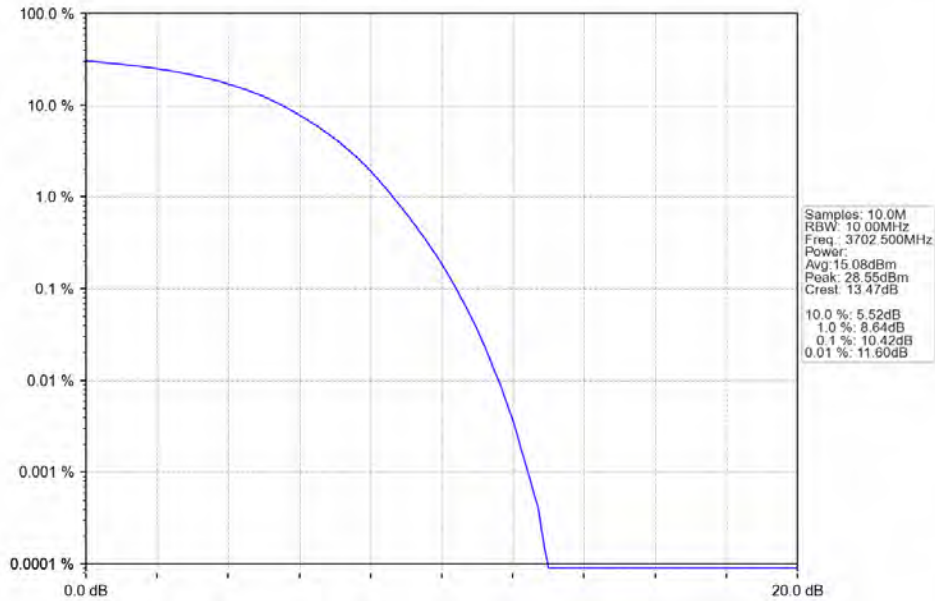
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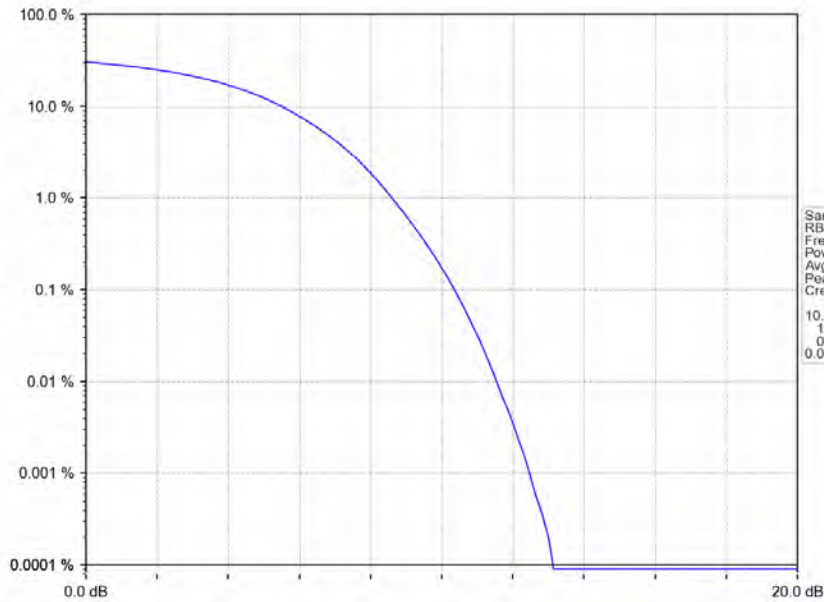
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Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



Band43d_5MHz_256QAM_HCH_3797.5MHz_RB_25_0_NTNV



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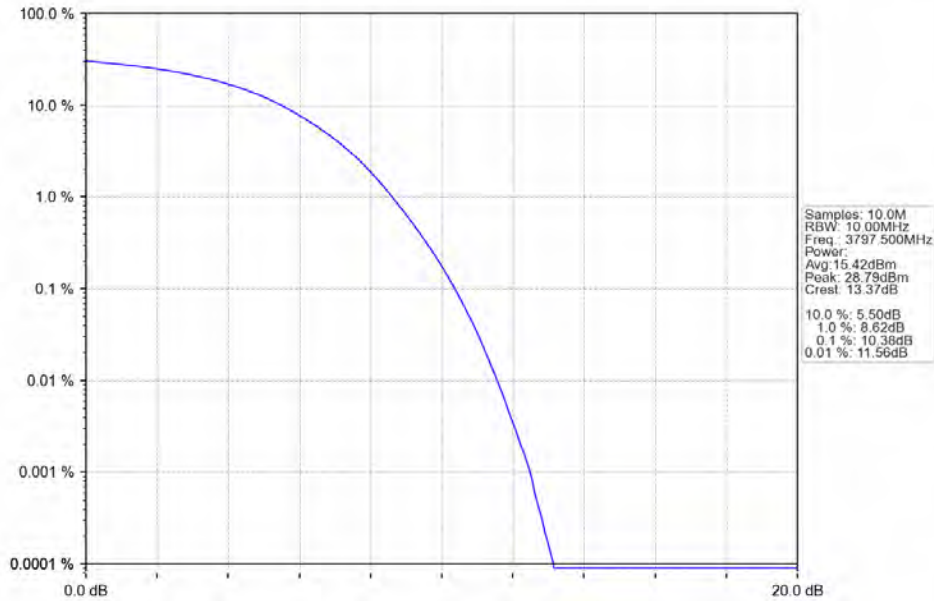
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5.2 B43d_10MHz

5.2.1 Test Result

Band: 43d / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3705	50	0	8.78	<=13	Pass
	3750	50	0	8.88	<=13	Pass
	3795	50	0	8.84	<=13	Pass
16QAM	3705	50	0	9.76	<=13	Pass
	3750	50	0	9.76	<=13	Pass
	3795	50	0	9.78	<=13	Pass
64QAM	3705	50	0	9.76	<=13	Pass
	3750	50	0	9.80	<=13	Pass
	3795	50	0	9.74	<=13	Pass
256QAM	3705	50	0	10.32	<=13	Pass
	3750	50	0	10.26	<=13	Pass
	3795	50	0	10.36	<=13	Pass



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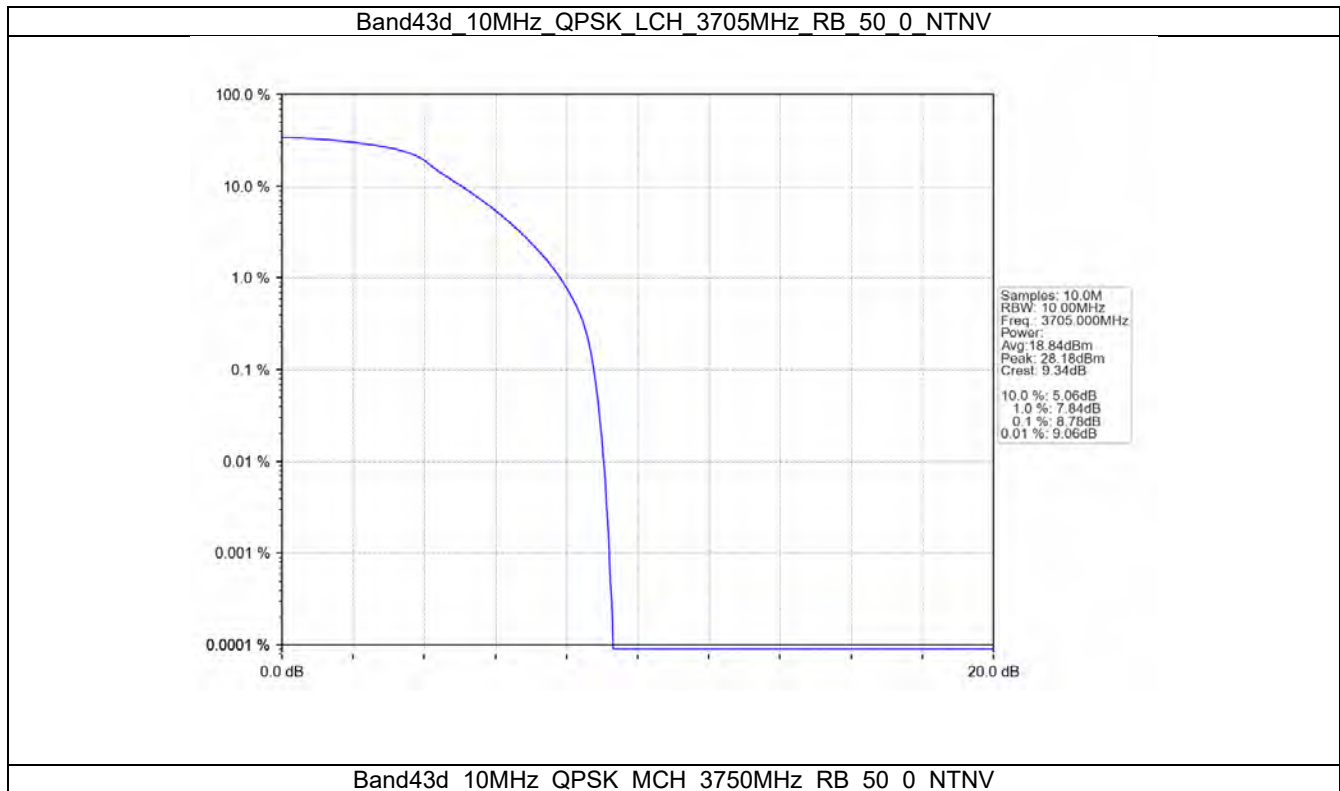
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5.2.2 Test Graph



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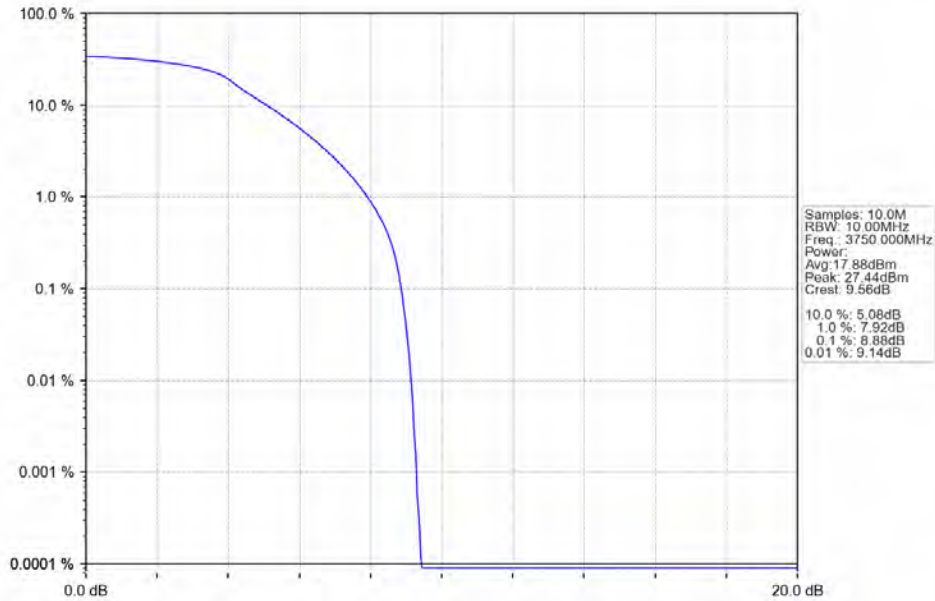
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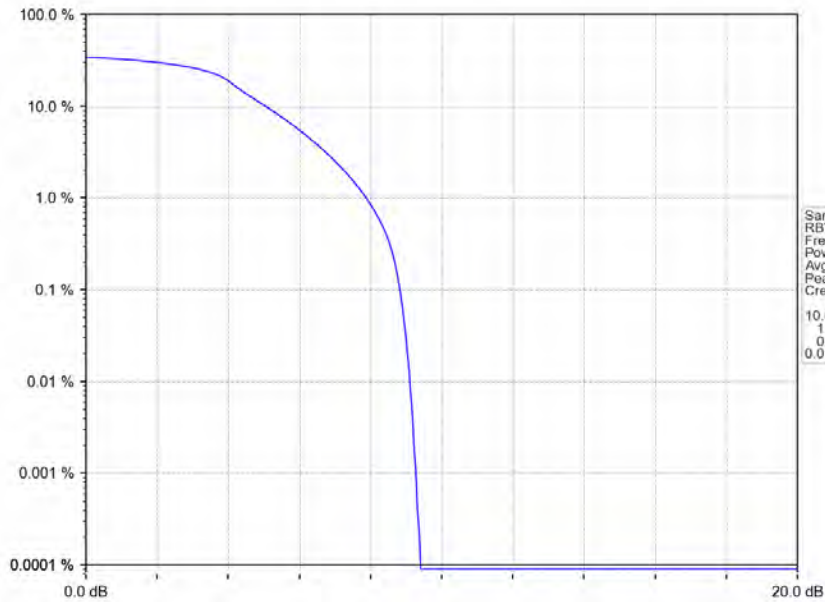
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Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq: 3795.000MHz
Power:
Avg: 18.07dBm
Peak: 27.53dBm
Crest: 9.45dB
10.0 %: 5.06dB
1.0 %: 7.88dB
0.1 %: 8.84dB
0.01 %: 9.12dB

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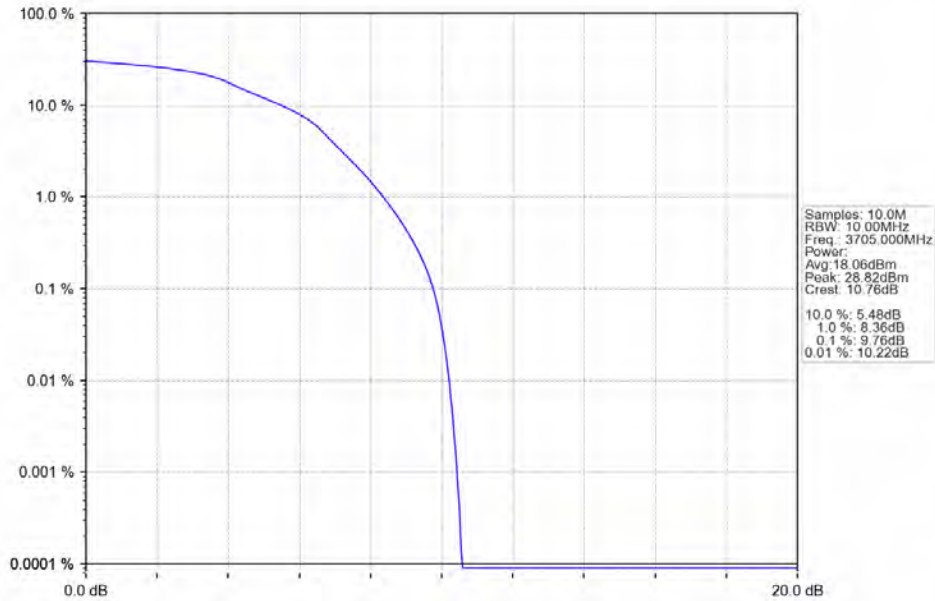
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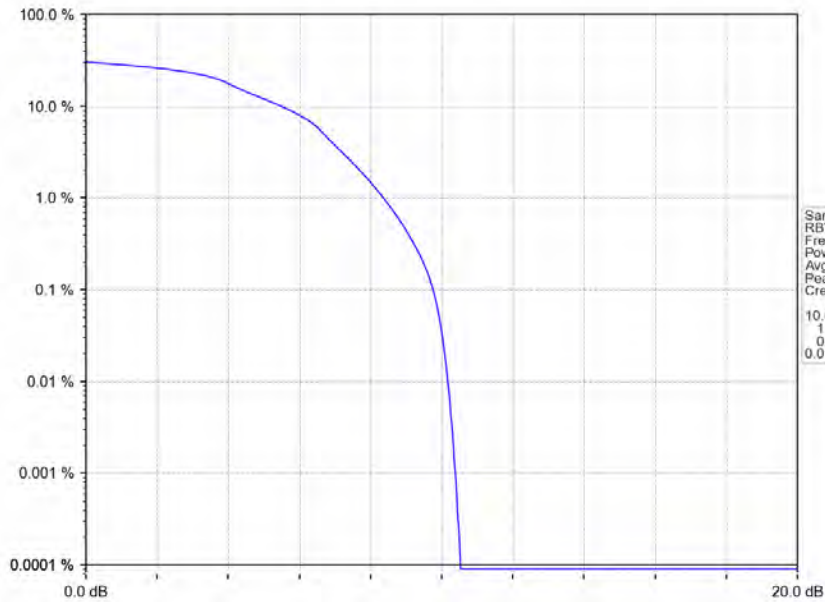
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Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq.: 3750.000MHz
Power:
Avg: 17.92dBm
Peak: 28.59dBm
Crest: 10.67dBm
10.0 %: 5.50dB
1.0 %: 8.38dB
0.1 %: 9.76dB
0.01 %: 10.18dB

Band43d_10MHz_16QAM_HCH_3795MHz_RB_50_0_NTNV



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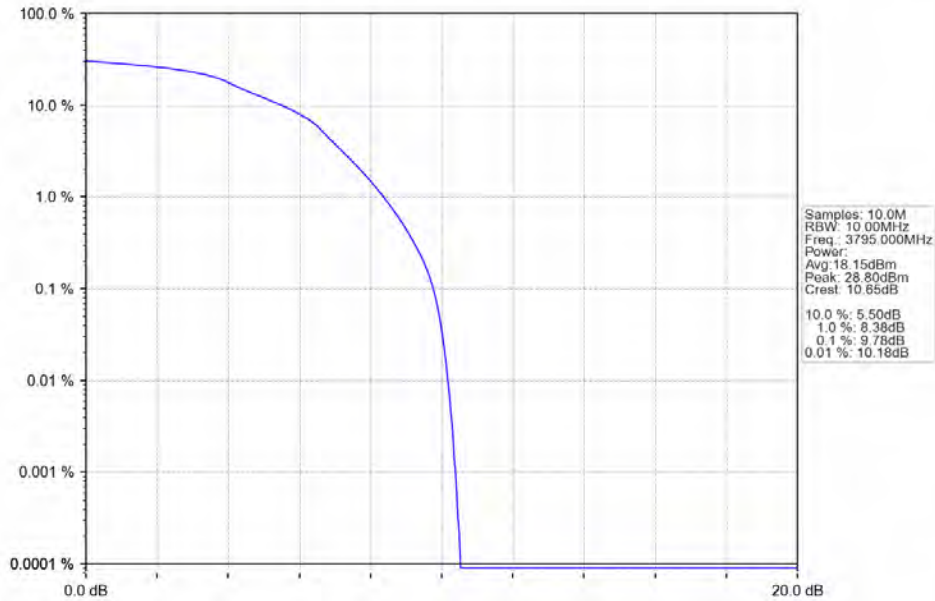
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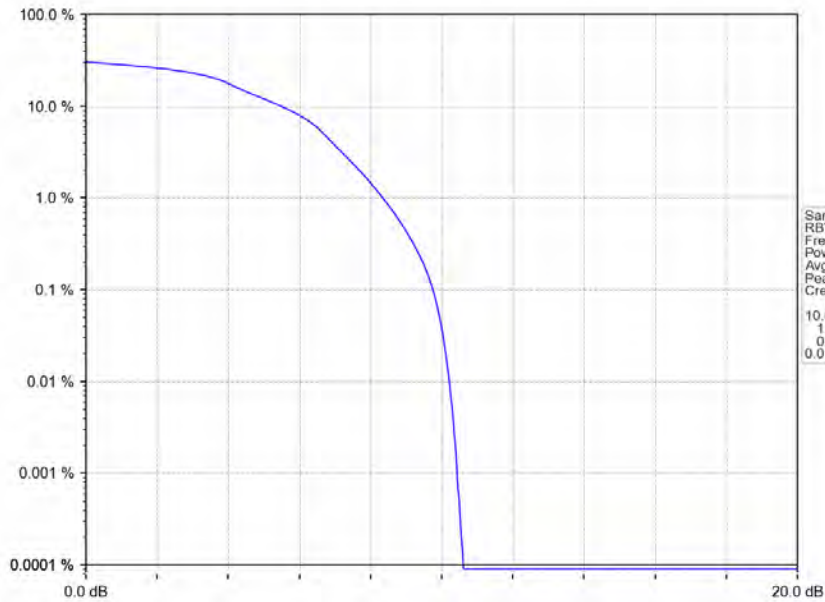
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Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



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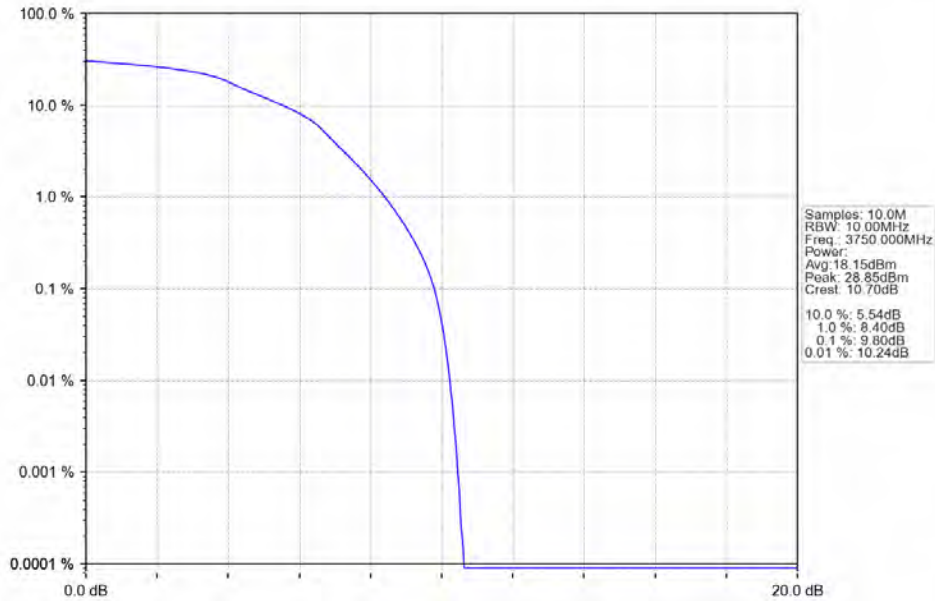
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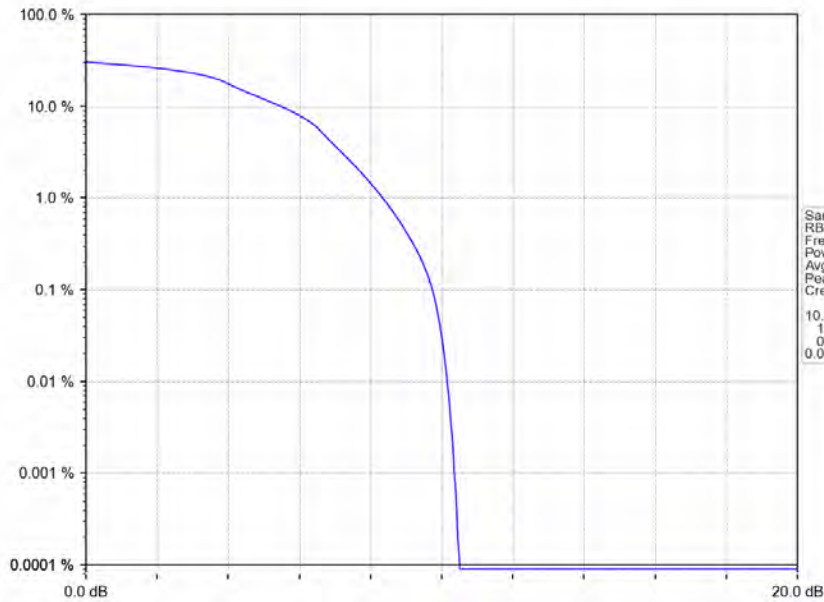
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Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



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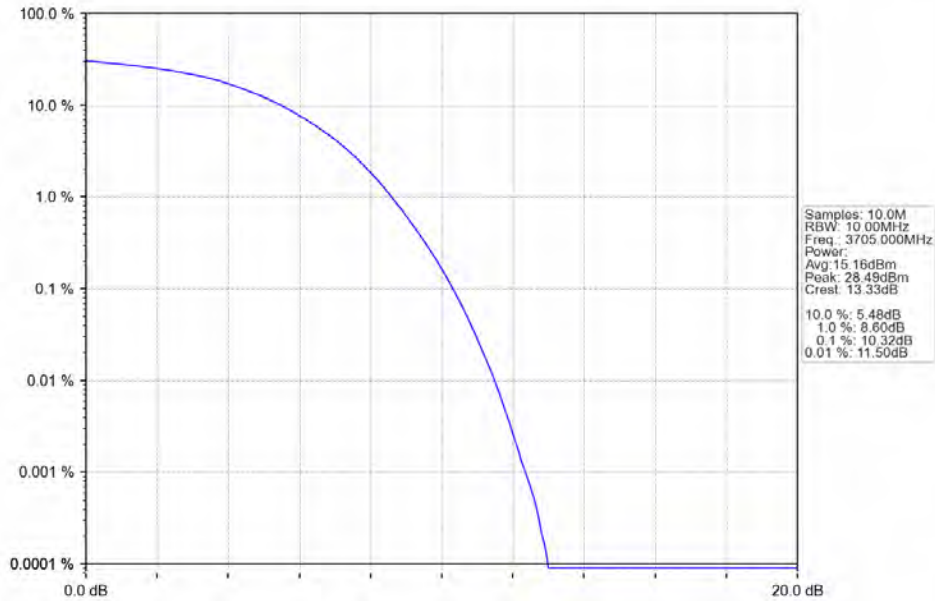
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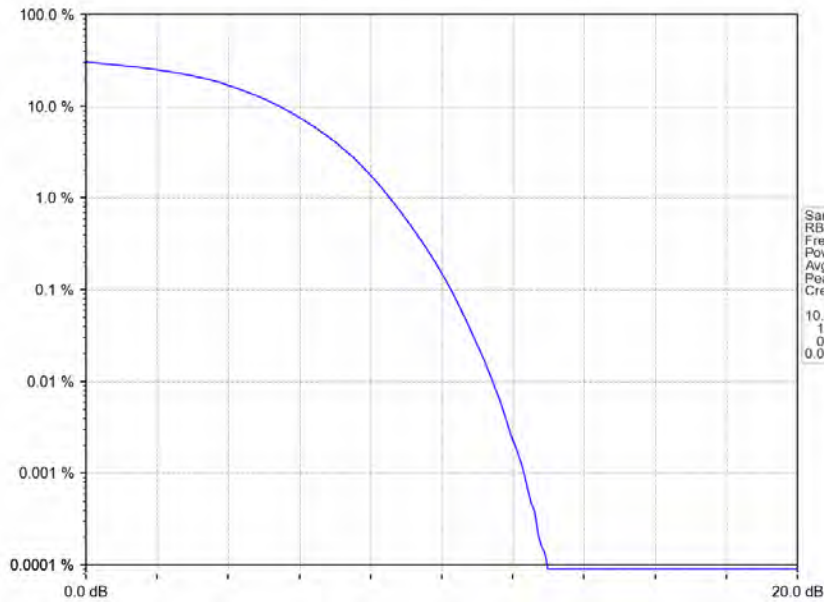
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Band43d 10MHz 256QAM MCH 3750MHz RB 50 0 NTN



Band43d 10MHz 256QAM HCH 3795MHz RB 50 0 NTN



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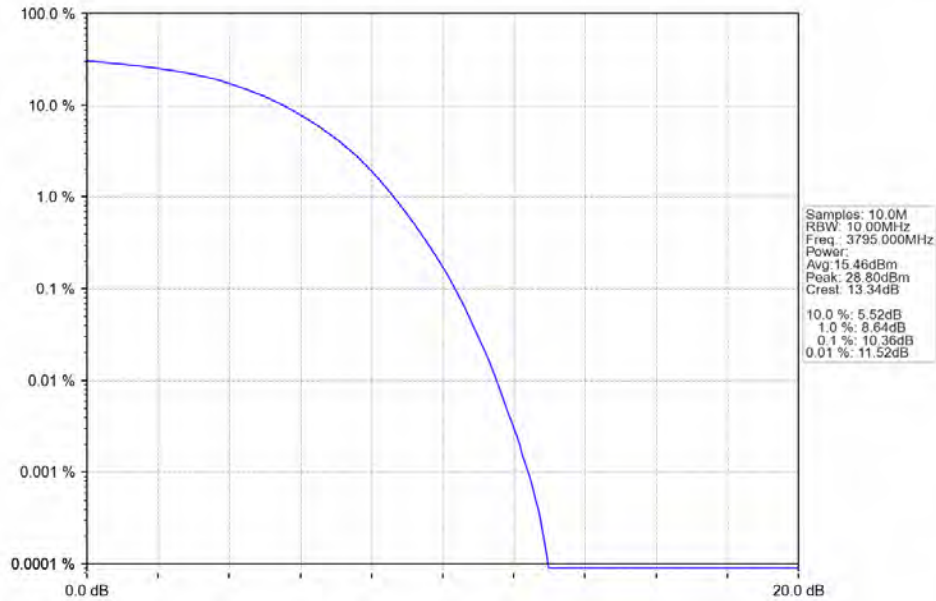
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5.3 B43d_15MHz

5.3.1 Test Result

Band: 43d / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3707.5	75	0	8.66	<=13	Pass
	3750	75	0	8.72	<=13	Pass
	3792.5	75	0	8.66	<=13	Pass
16QAM	3707.5	75	0	9.70	<=13	Pass
	3750	75	0	9.72	<=13	Pass
	3792.5	75	0	9.70	<=13	Pass
64QAM	3707.5	75	0	9.70	<=13	Pass
	3750	75	0	9.74	<=13	Pass
	3792.5	75	0	9.66	<=13	Pass
256QAM	3707.5	75	0	10.14	<=13	Pass
	3750	75	0	10.12	<=13	Pass
	3792.5	75	0	10.18	<=13	Pass



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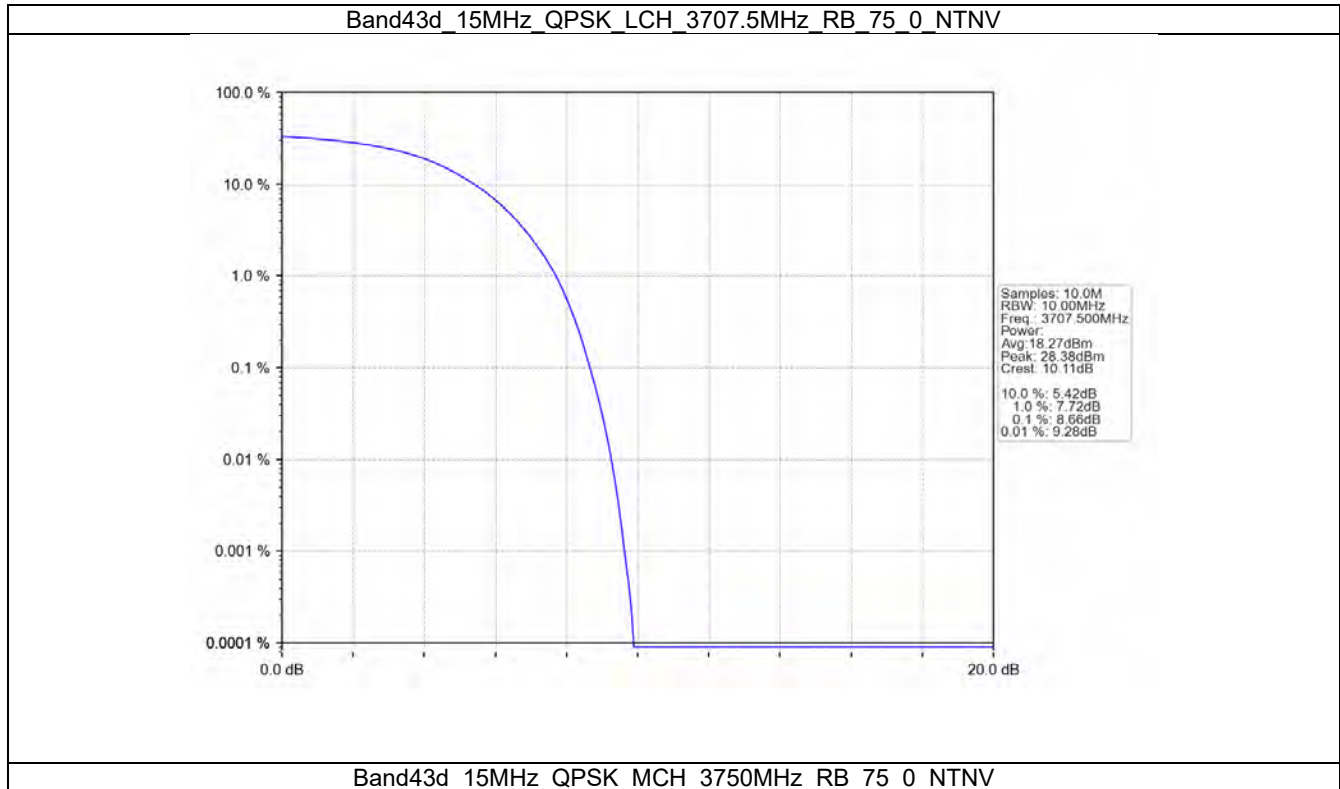
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5.3.2 Test Graph



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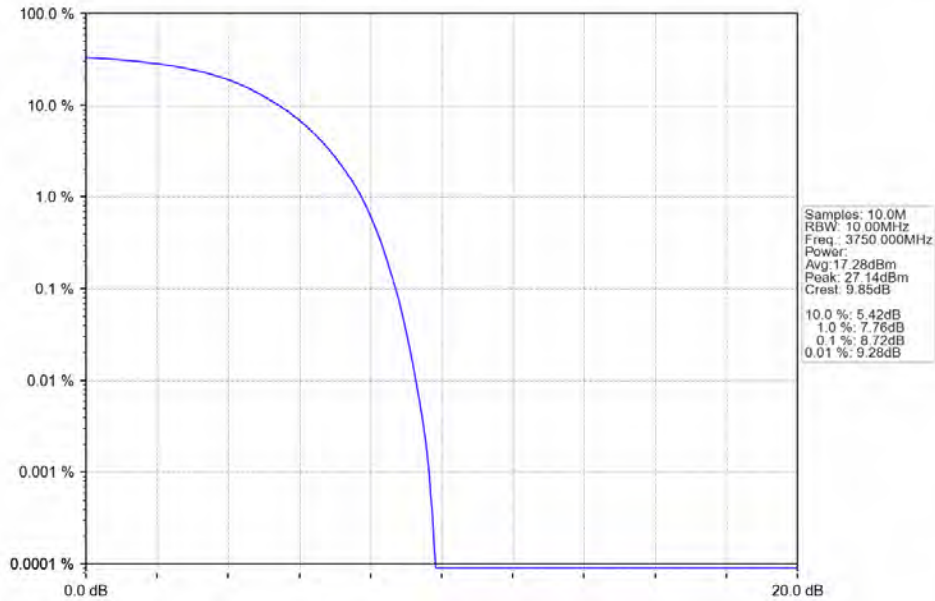
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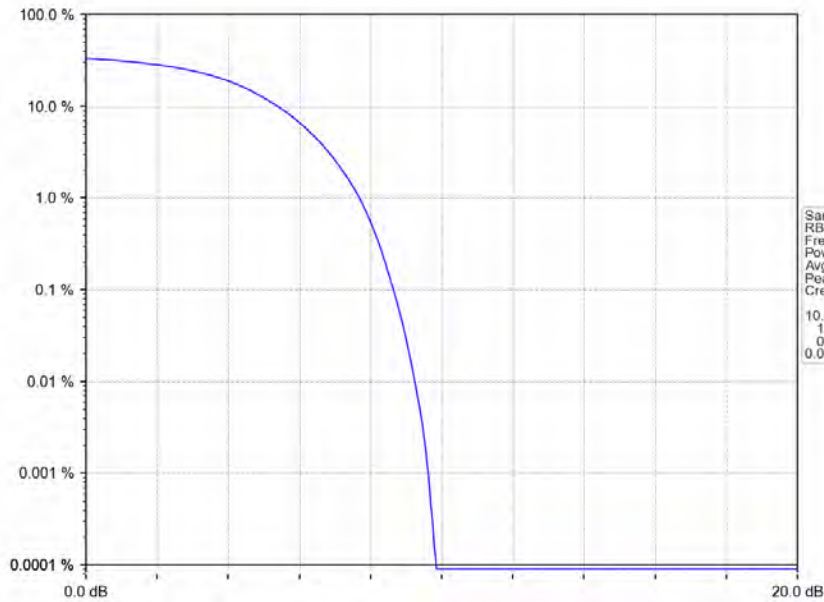
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Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



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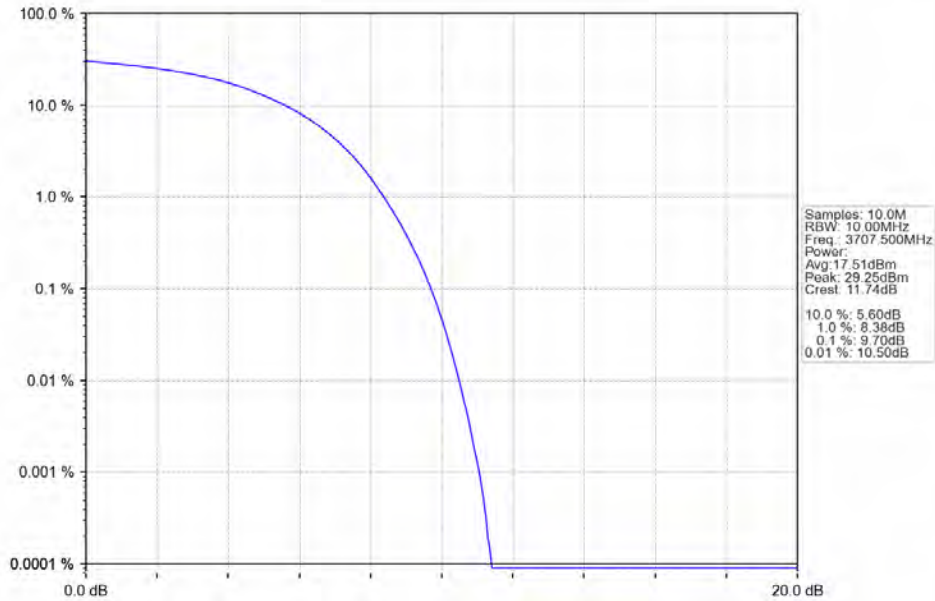
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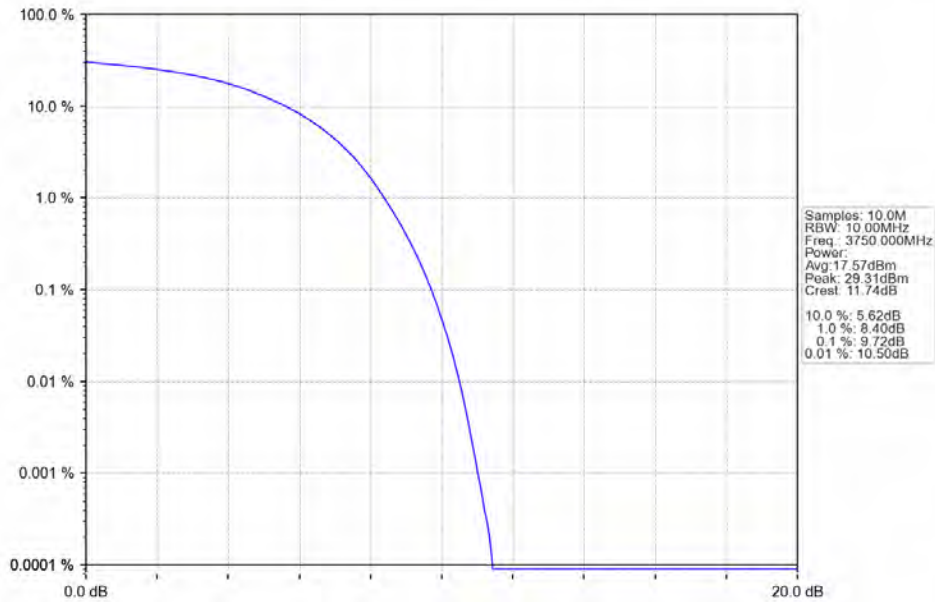
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Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



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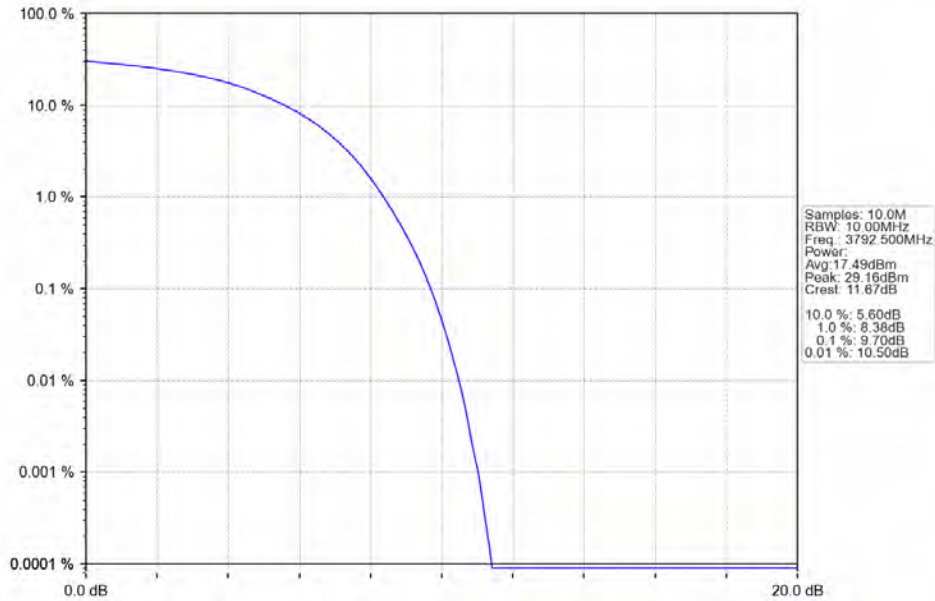
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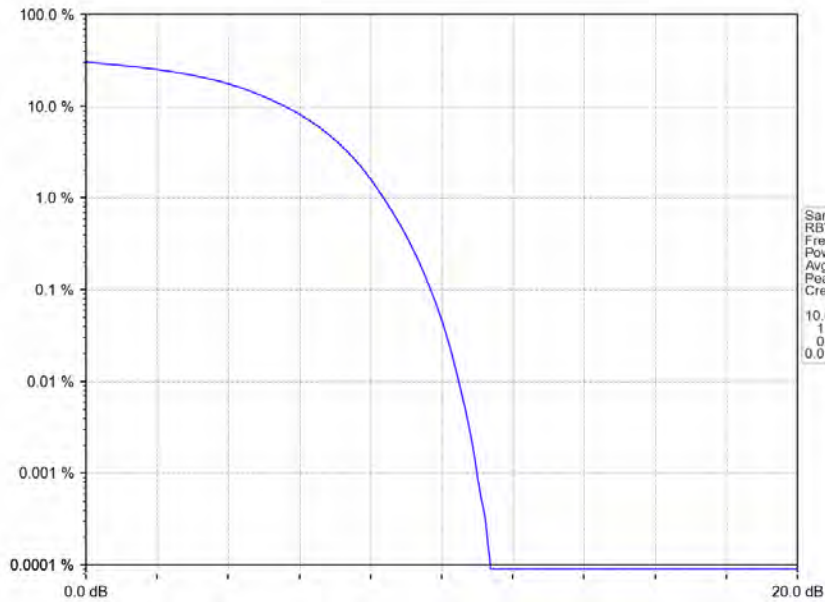
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Band43d_15MHz_64QAM_LCH_3707.5MHz_RB_75_0_NTNV



Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



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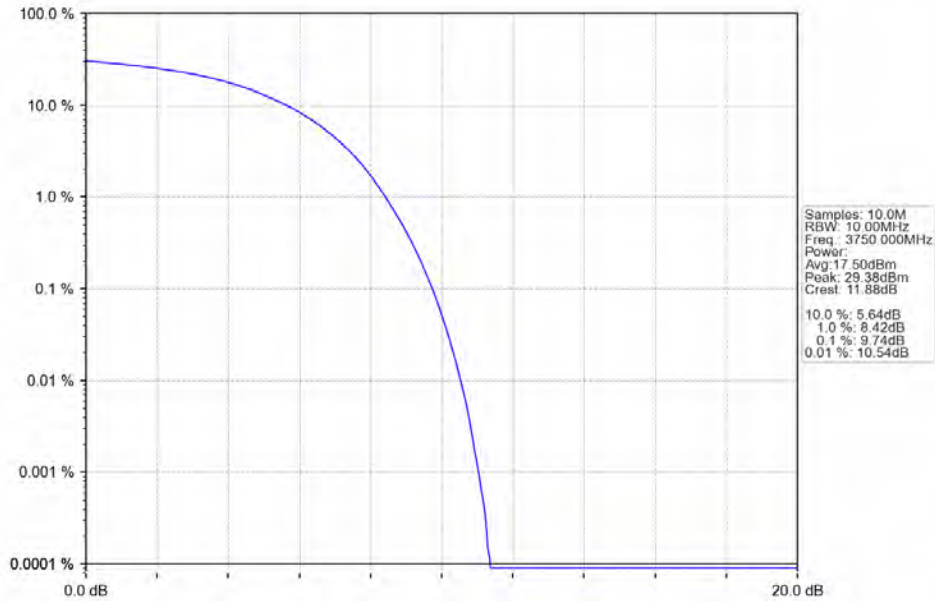
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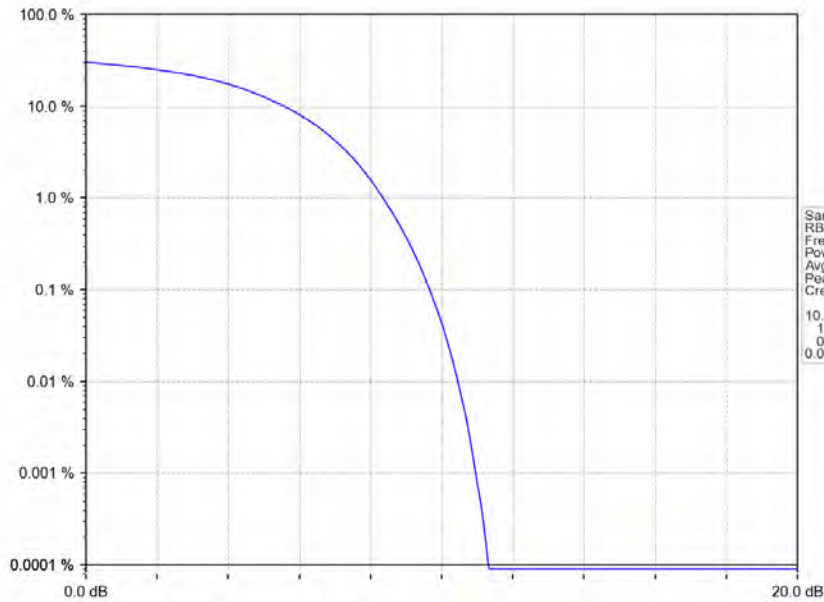
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Band43d_15MHz_64QAM_HCH_3792.5MHz_RB_75_0_NTNV



Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



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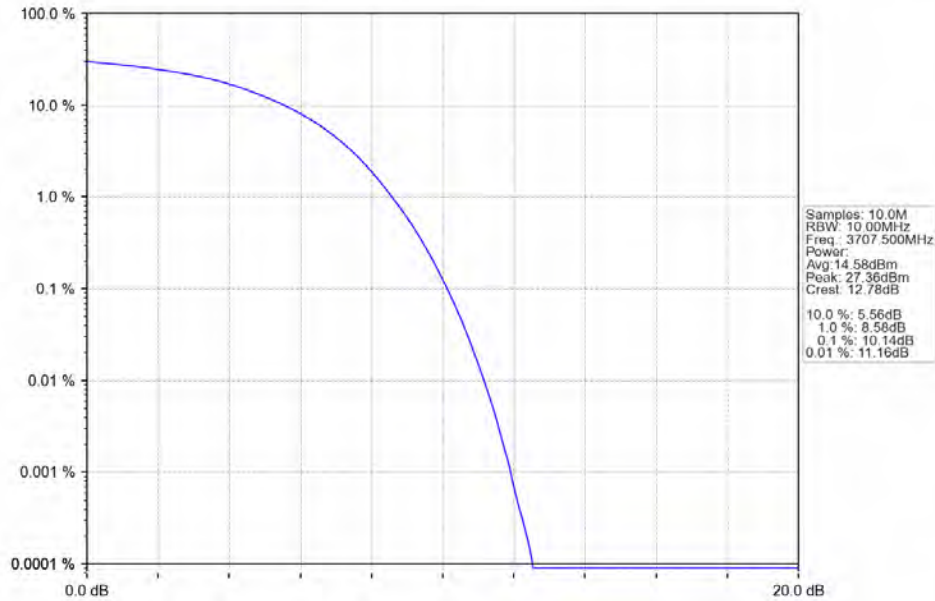
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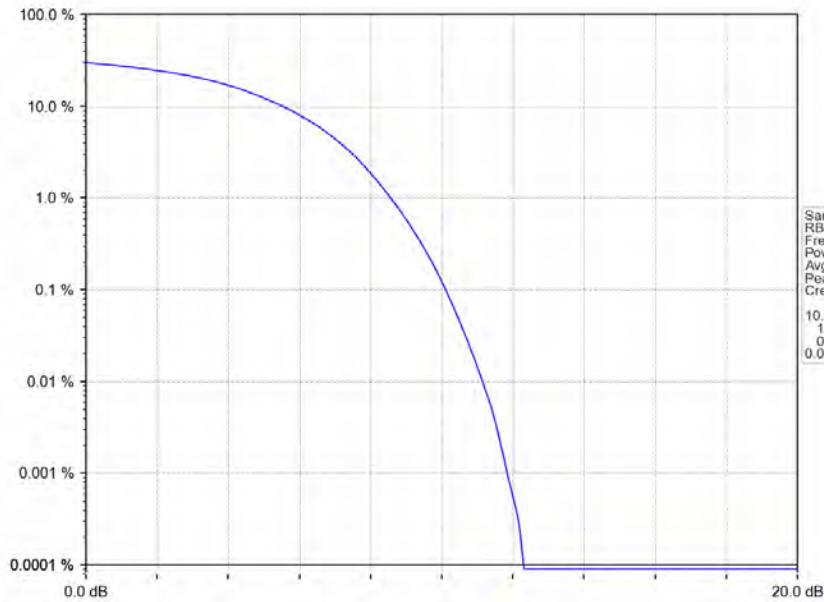
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Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV



Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV



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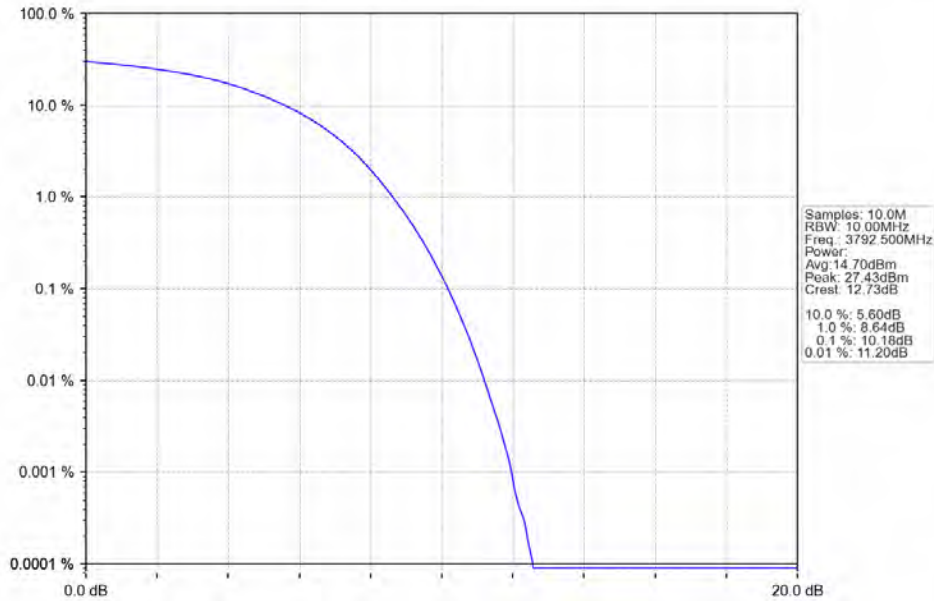
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5.4 B43d_20MHz

5.4.1 Test Result

Band: 43d / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3710	100	0	9.22	<=13	Pass
	3750	100	0	9.24	<=13	Pass
	3790	100	0	9.24	<=13	Pass
16QAM	3710	100	0	10.16	<=13	Pass
	3750	100	0	10.20	<=13	Pass
	3790	100	0	10.20	<=13	Pass
64QAM	3710	100	0	10.18	<=13	Pass
	3750	100	0	10.16	<=13	Pass
	3790	100	0	10.20	<=13	Pass
256QAM	3710	100	0	10.46	<=13	Pass
	3750	100	0	10.44	<=13	Pass
	3790	100	0	10.44	<=13	Pass



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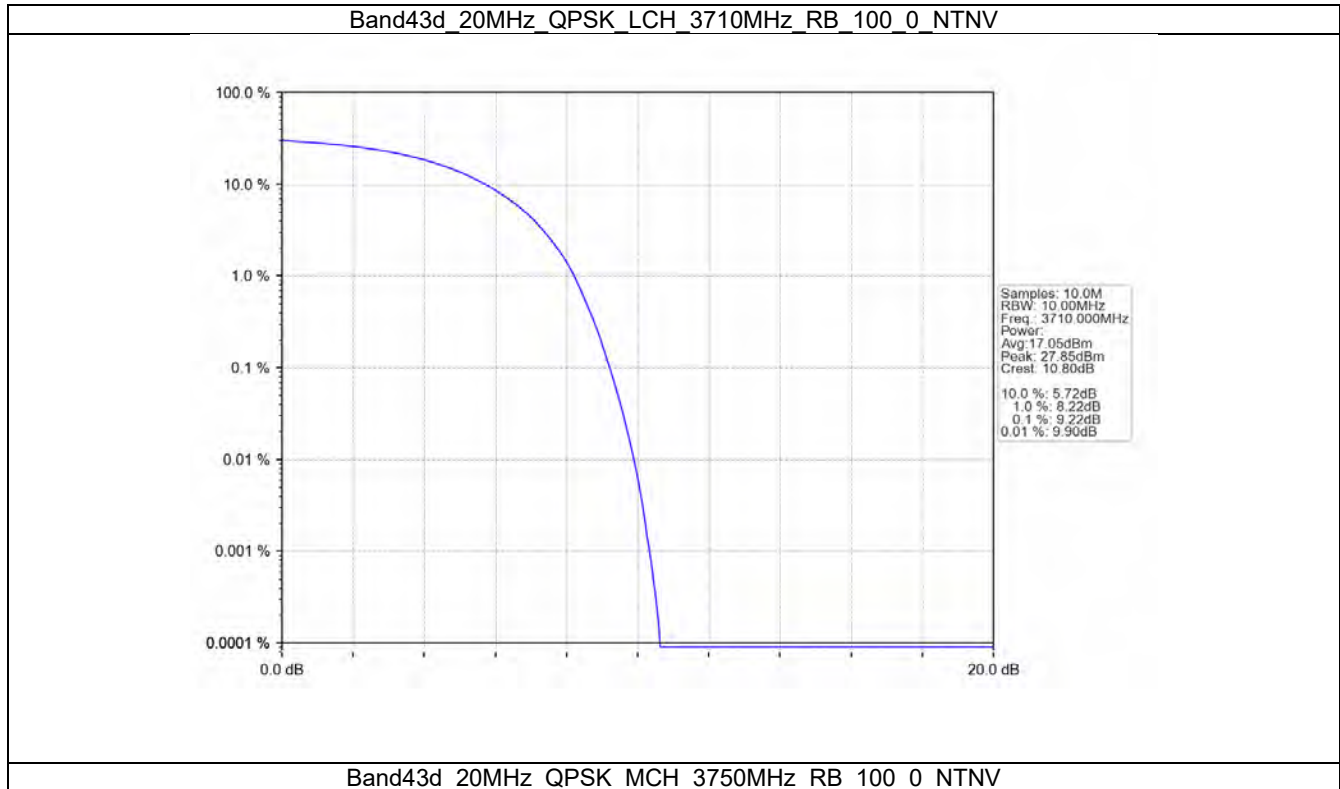
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5.4.2 Test Graph



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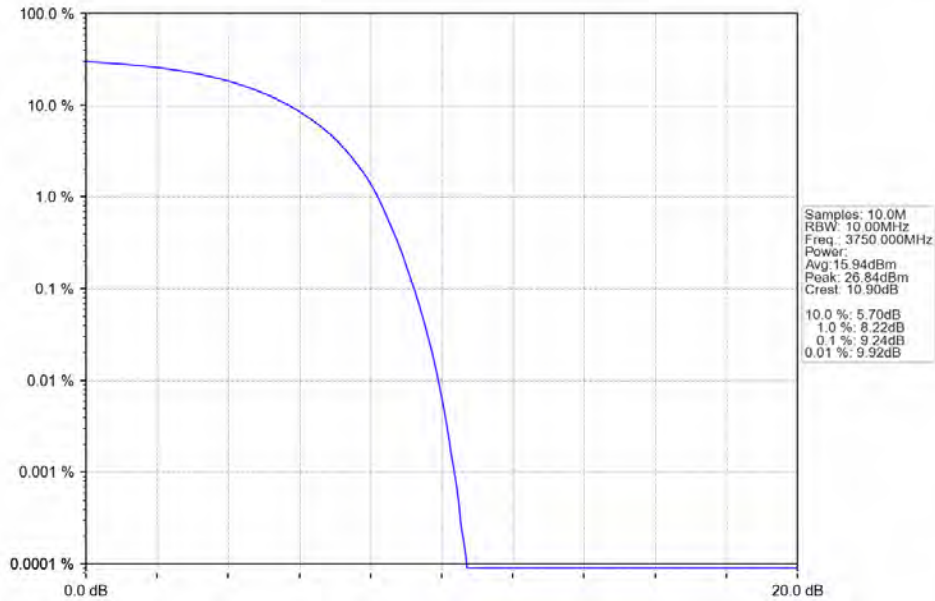
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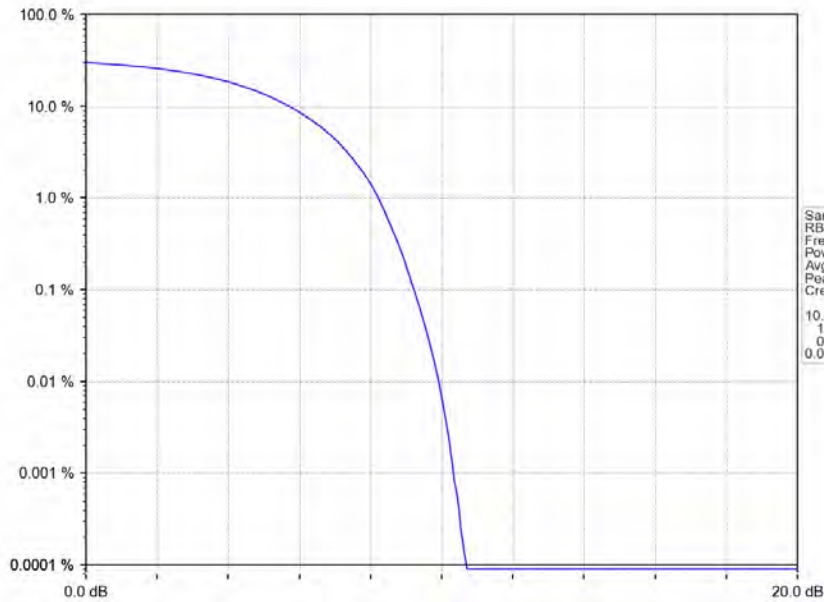
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Band43d_20MHz QPSK HCH 3790MHz_RB_100_0 NTN



Samples: 10.0M
RBW: 10.00MHz
Freq.: 3790.000MHz
Power:
Avg: 16.08dBm
Peak: 26.99dBm
Crest: 10.91dB
10.0 %: 5.72dB
1.0 %: 8.22dB
0.1 %: 9.24dB
0.01 %: 9.92dB

Band43d_20MHz_16QAM LCH 3710MHz_RB_100_0 NTN



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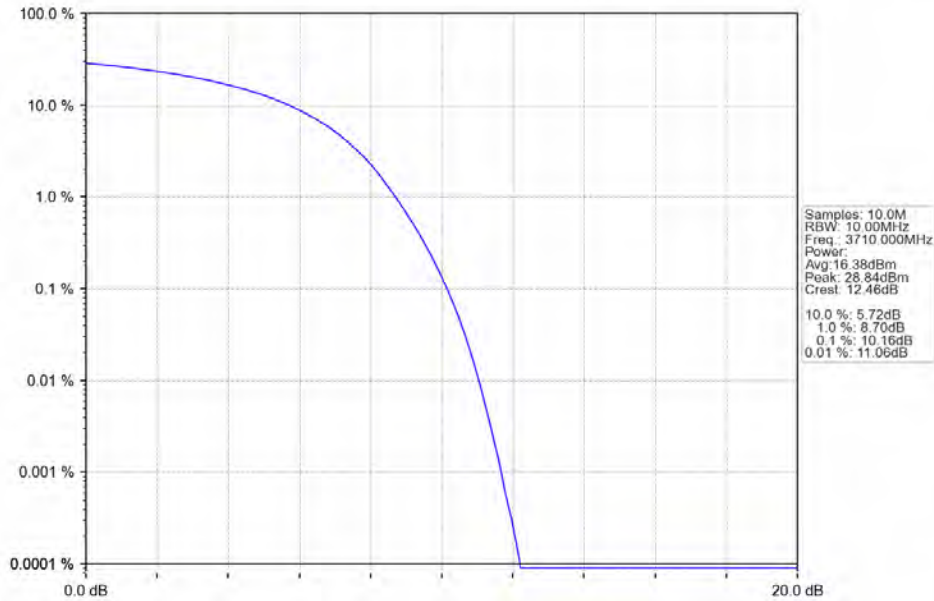
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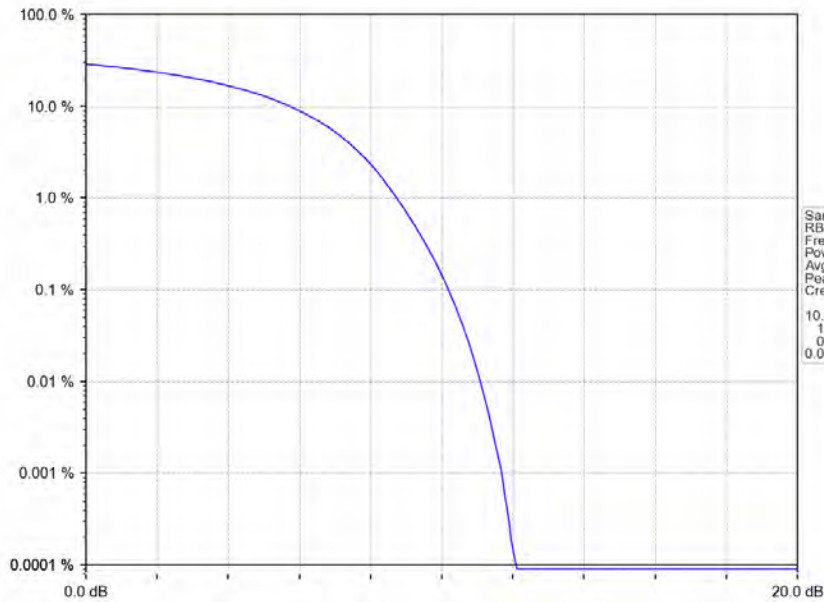
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Samples: 10.0M
RBW: 10.00MHz
Freq.: 3750.000MHz
Power:
Avg: 16.26dBm
Peak: 28.80dBm
Crest: 12.54dB
10.0 %: 5.74dB
1.0 %: 8.74dB
0.1 %: 10.20dB
0.01 %: 11.10dB

Band43d_20MHz_16QAM_HCH_3790MHz_RB_100_0_NTNV



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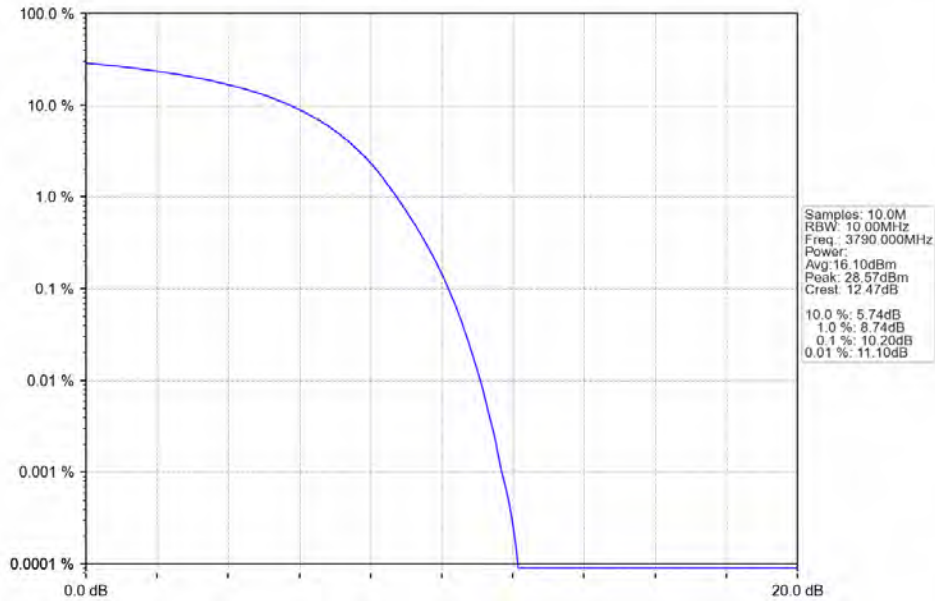
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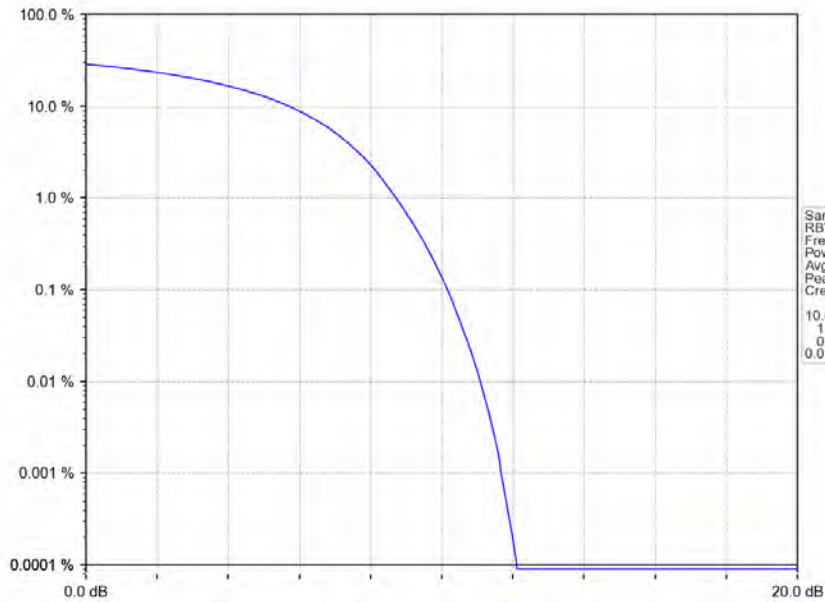
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Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



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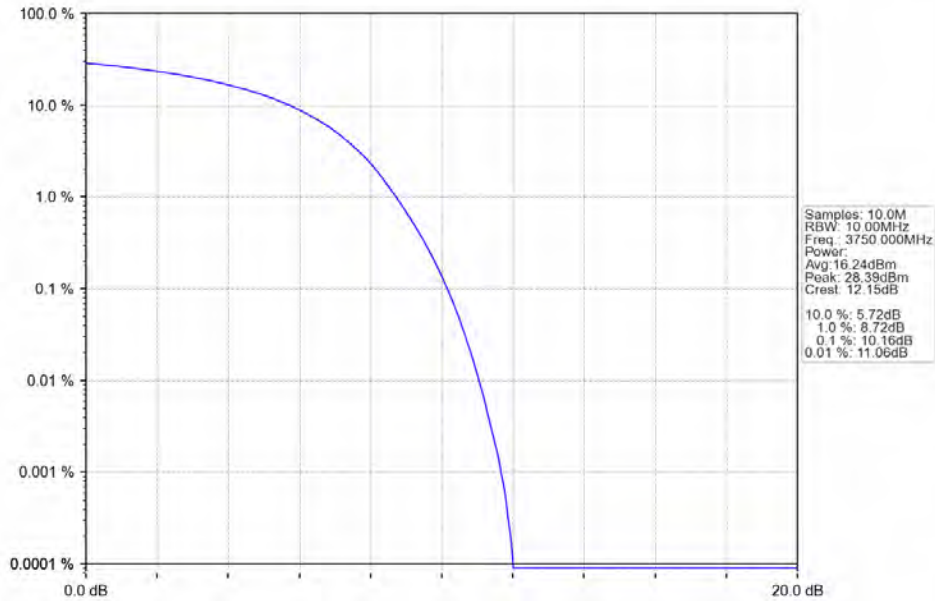
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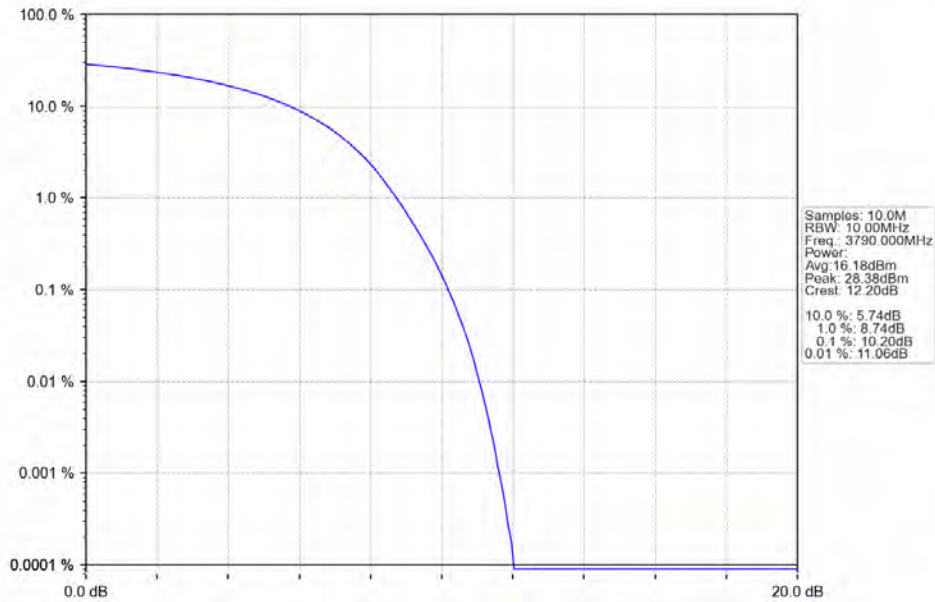
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Band43d 20MHz 64QAM HCH 3790MHz RB 100 0 NTNV



Band43d 20MHz 256QAM LCH 3710MHz RB 100 0 NTNV



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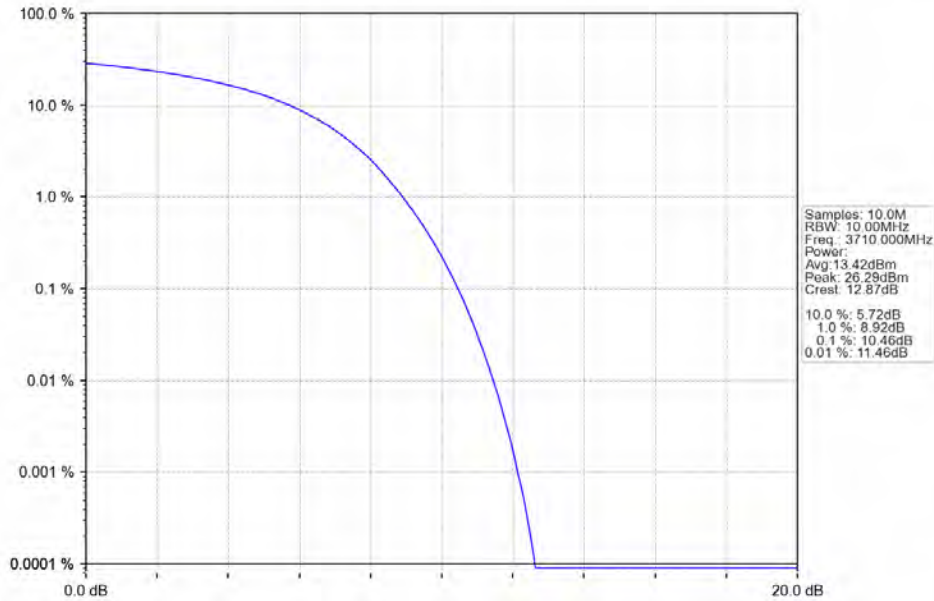
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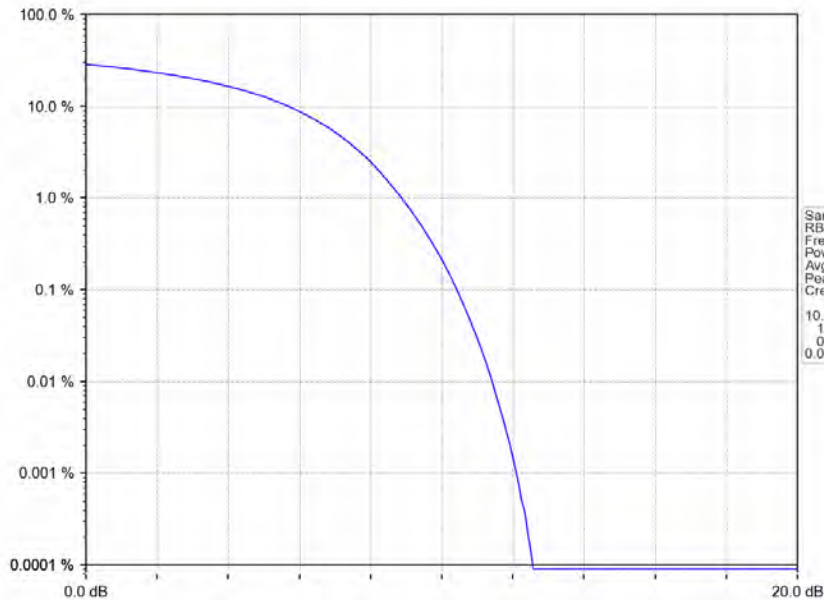
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Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_256QAM_HCH_3790MHz_RB_100_0_NTNV



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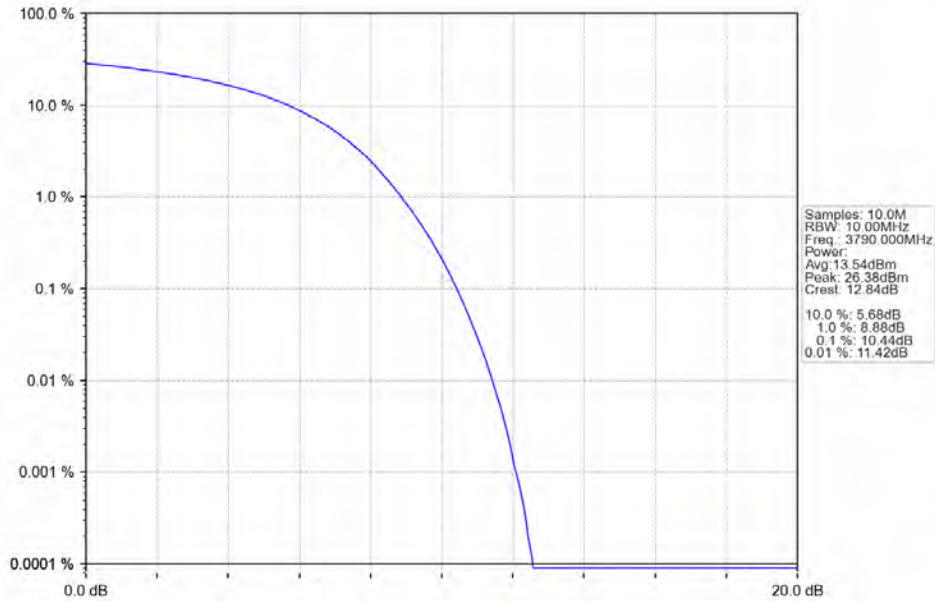
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6. Spurious Emission & Band Edges

6.1 B43d_5MHz

6.1.1 Test Result

Band: 43d / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3702.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
	3797.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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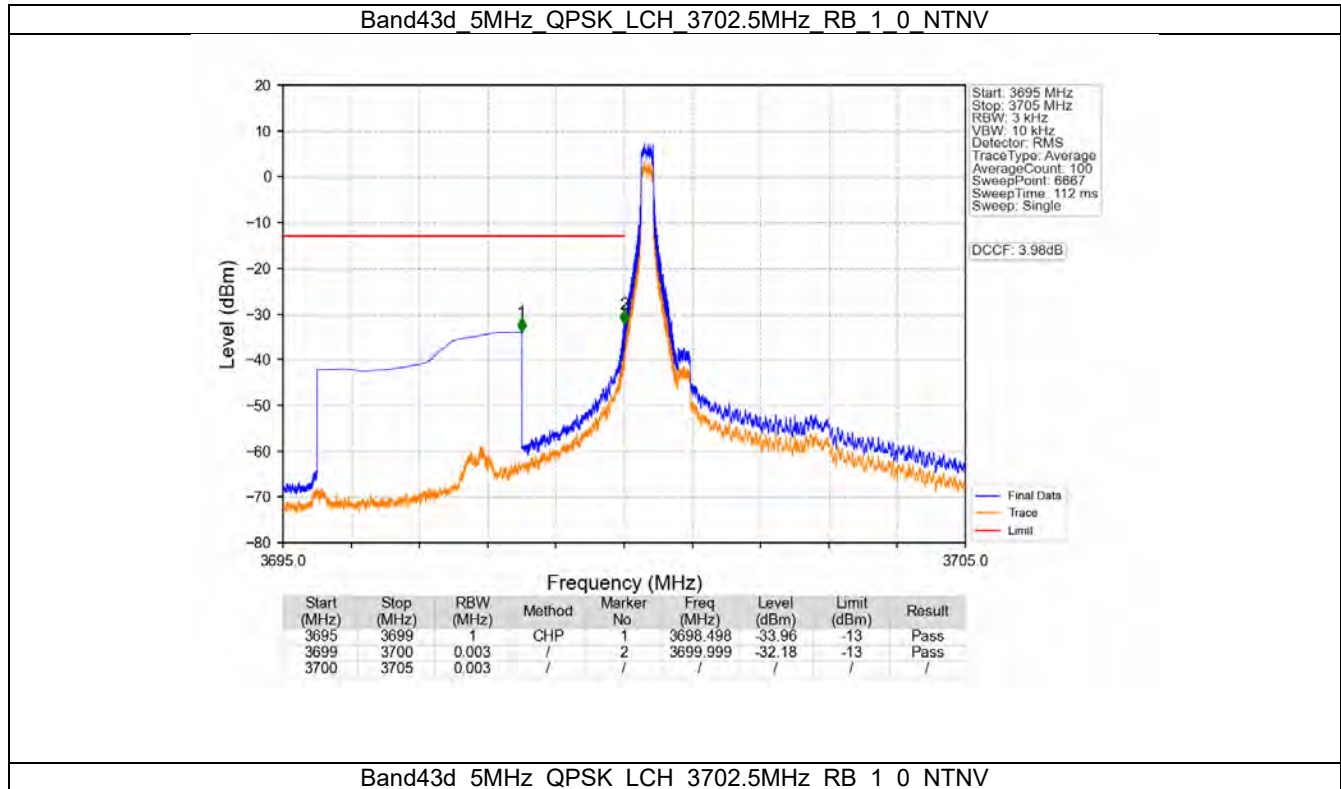
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6.1.2 Test Graph



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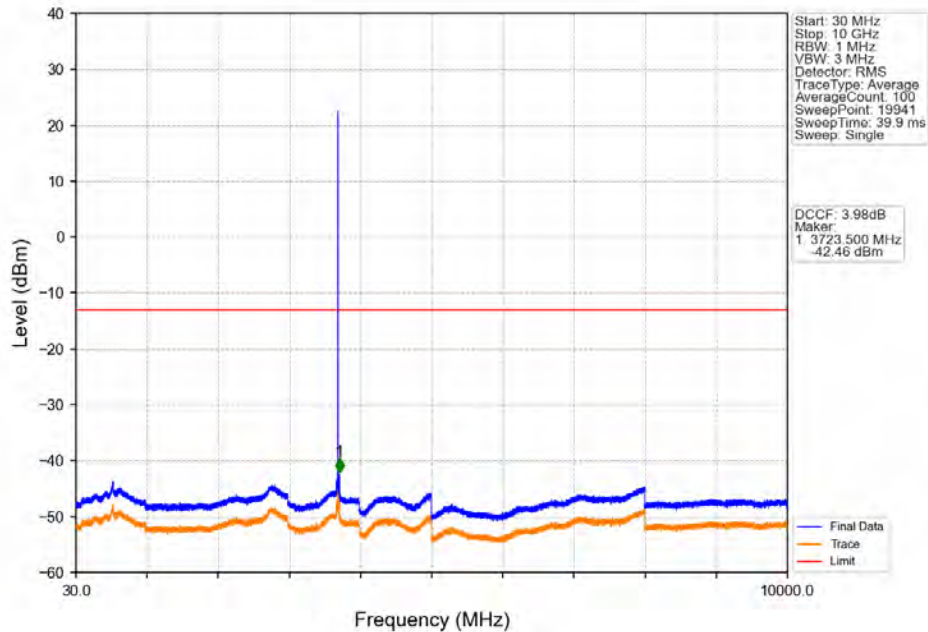
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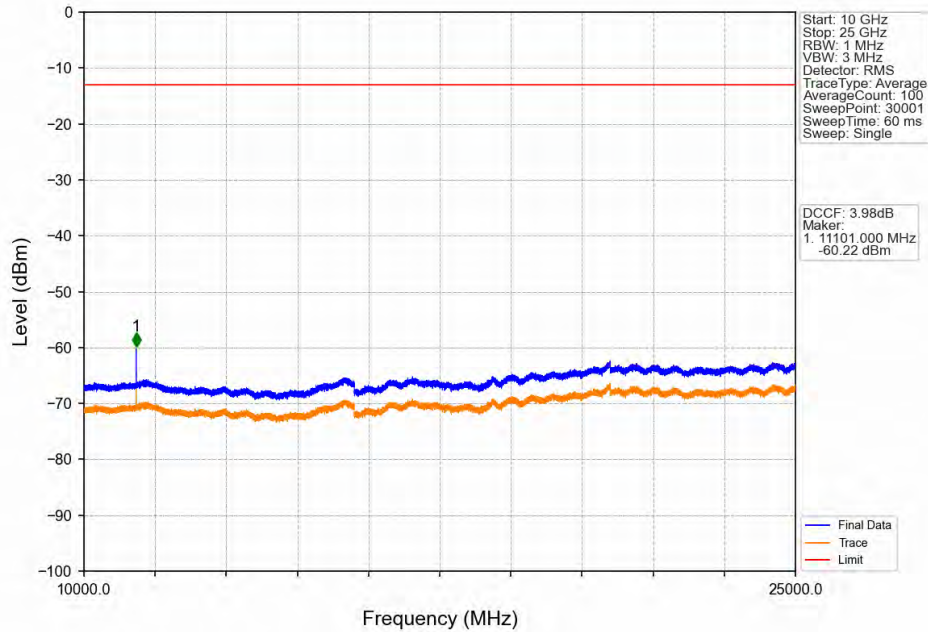
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Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV



Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV



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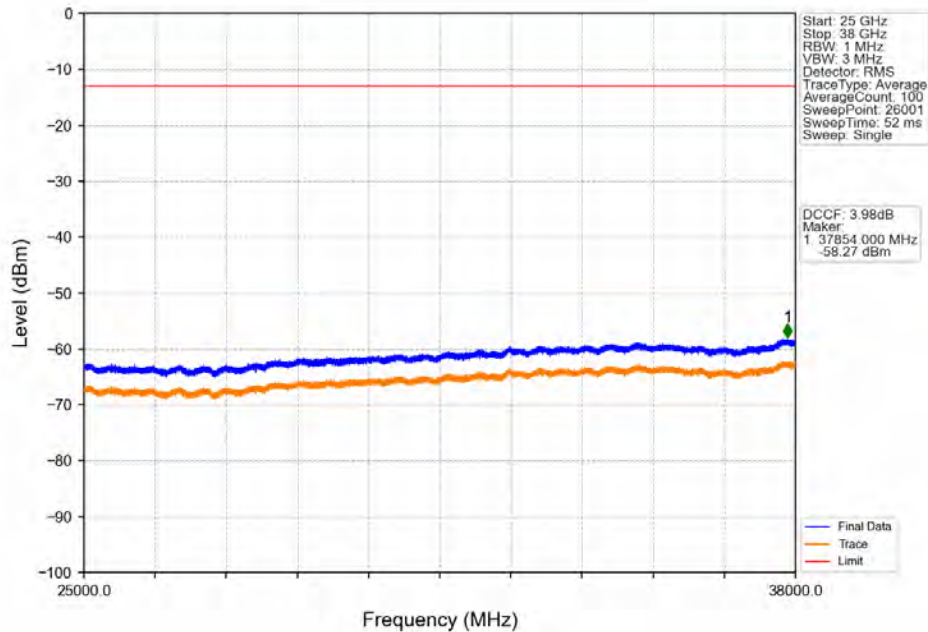
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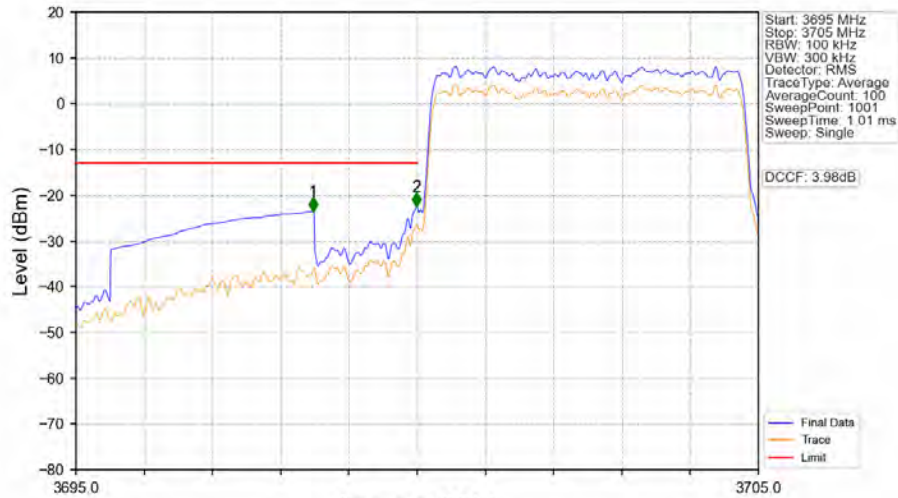
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Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.1	CHP	1	3698.470	-23.55	-13	Pass
3699	3700	0.1	/	2	3699.990	-22.45	-13	Pass
3700	3705	0.1	/	/	/	/	/	/

Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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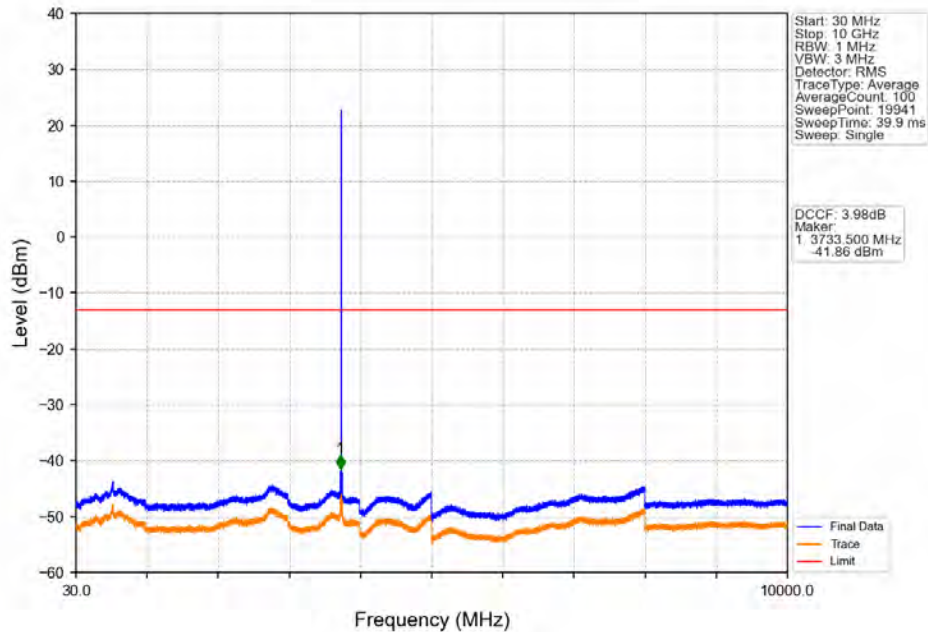
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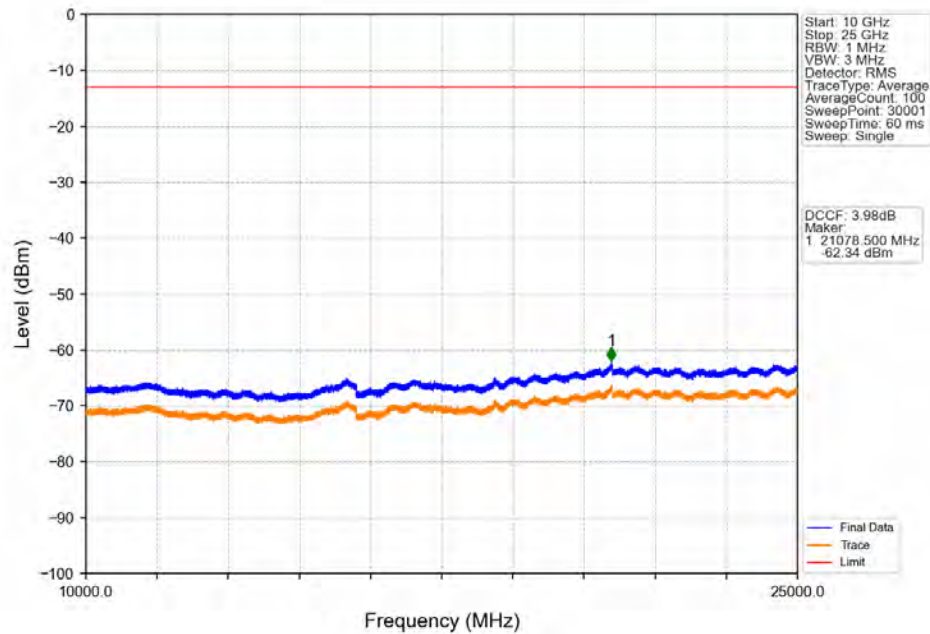
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Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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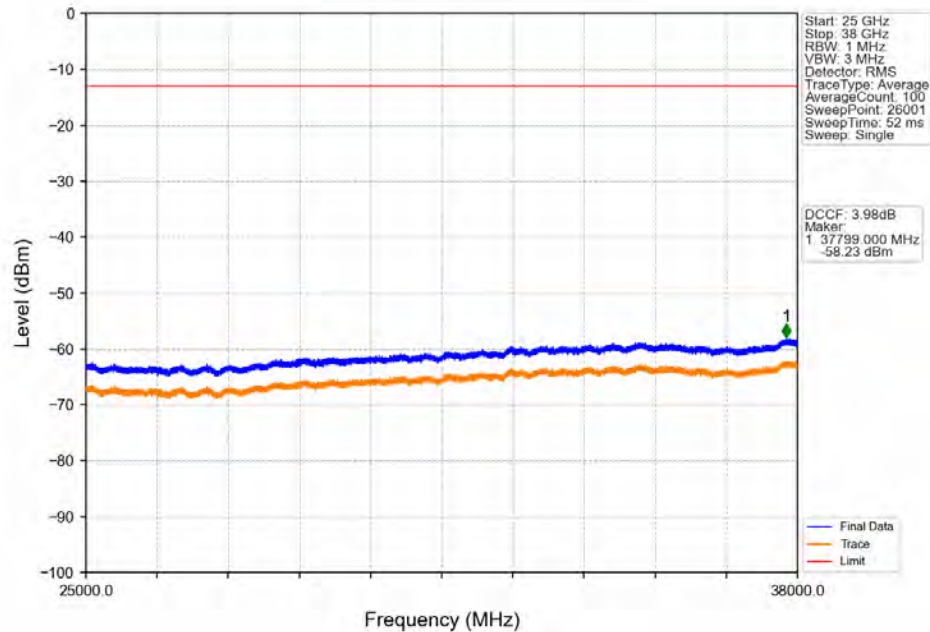
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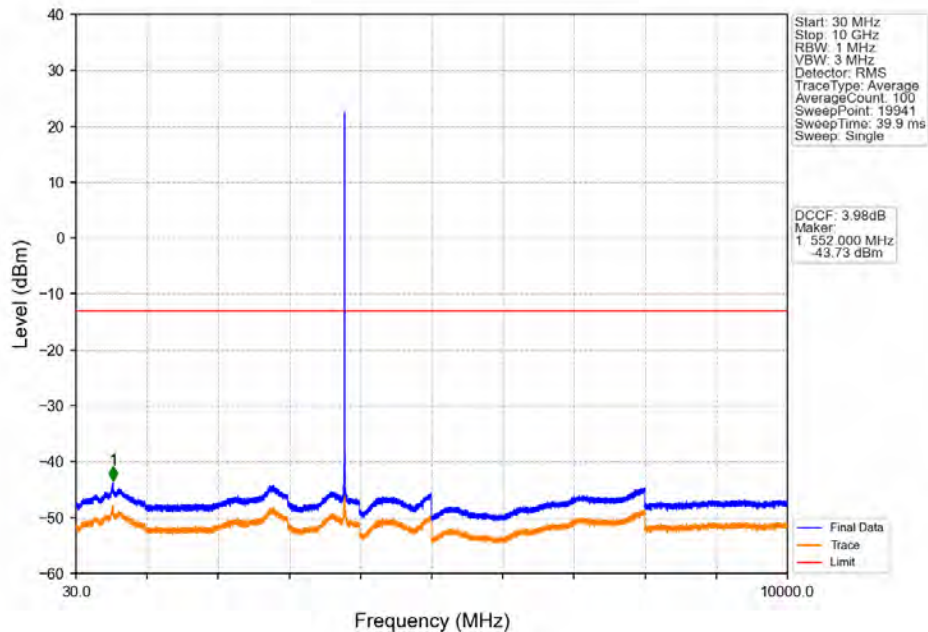
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Band43d 5MHz QPSK HCH 3797.5MHz_RB_1_0_NTNV



Band43d 5MHz QPSK HCH 3797.5MHz_RB_1_0_NTNV



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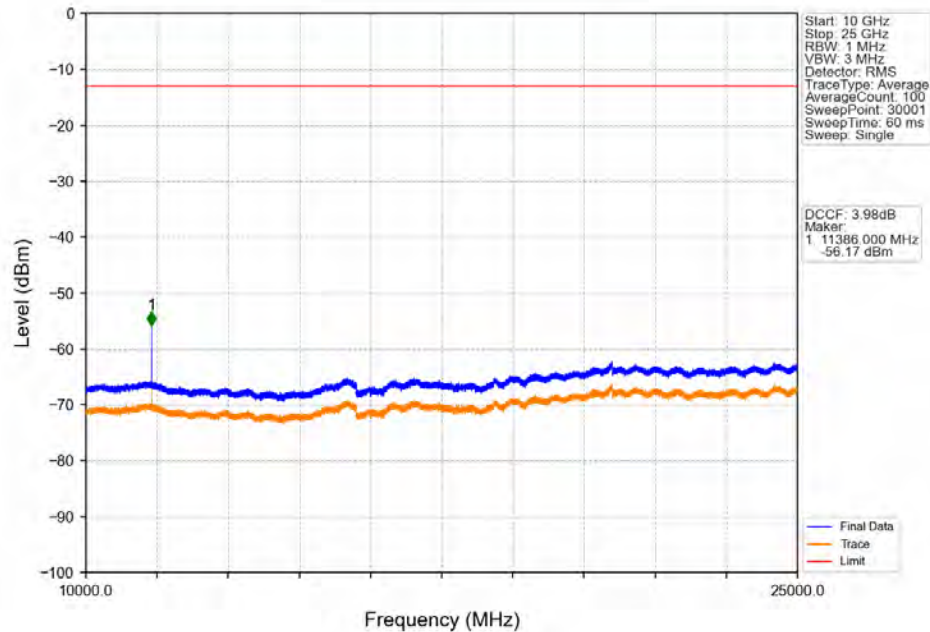
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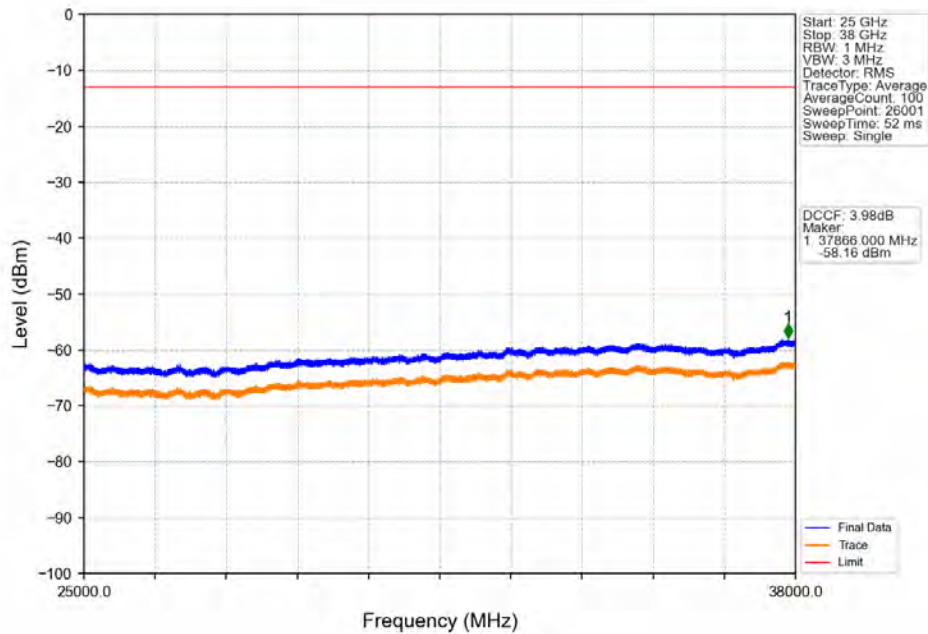
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Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_0_NTNV



Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_24_NTNV



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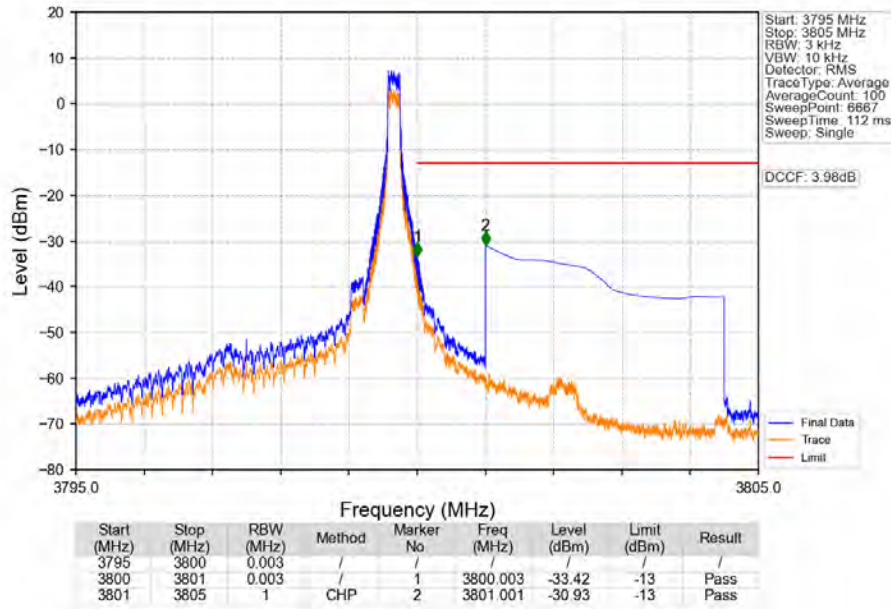
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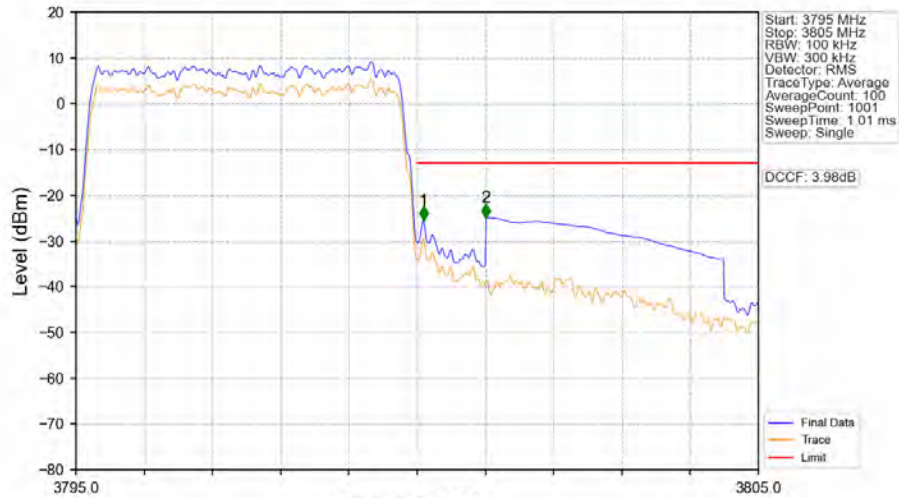
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3795	3800	0.1	/	/	/	/	/	/
3800	3801	0.1	/	1	3800.090	-25.51	-13	Pass
3801	3805	1	CHP	2	3801.010	-24.90	-13	Pass



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6.2 B43d_10MHz

6.2.1 Test Result

Band: 43d / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3705	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
	3795	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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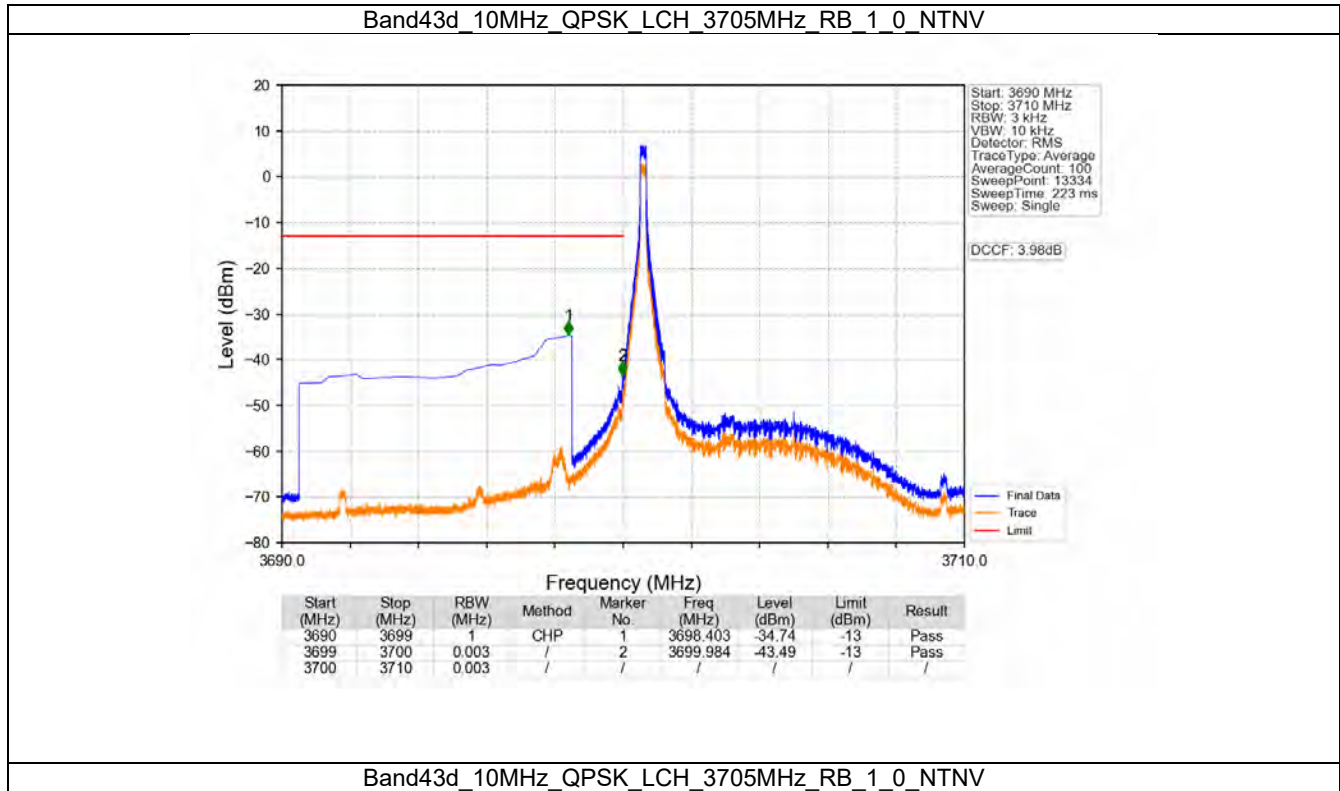
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6.2.2 Test Graph



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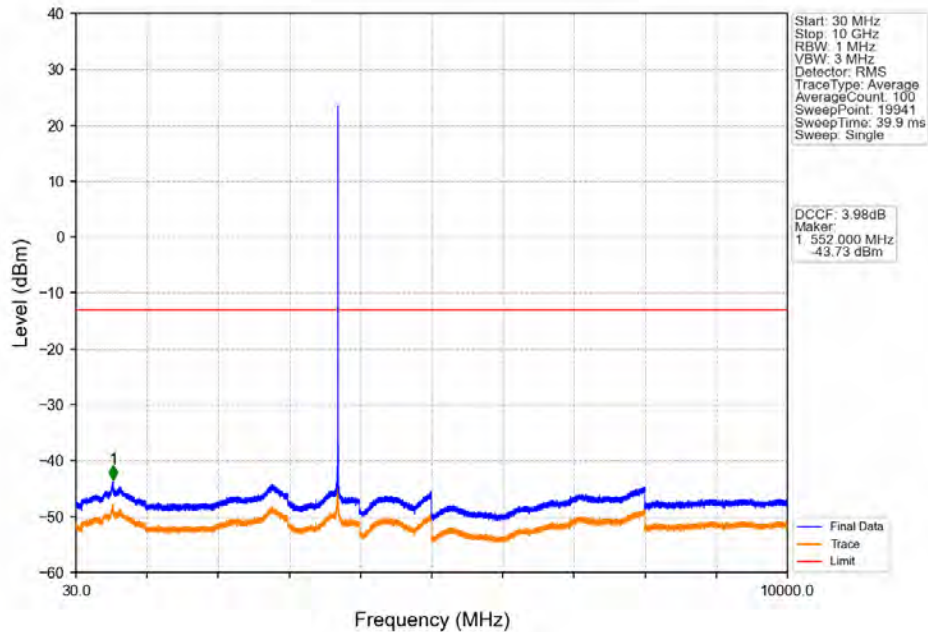
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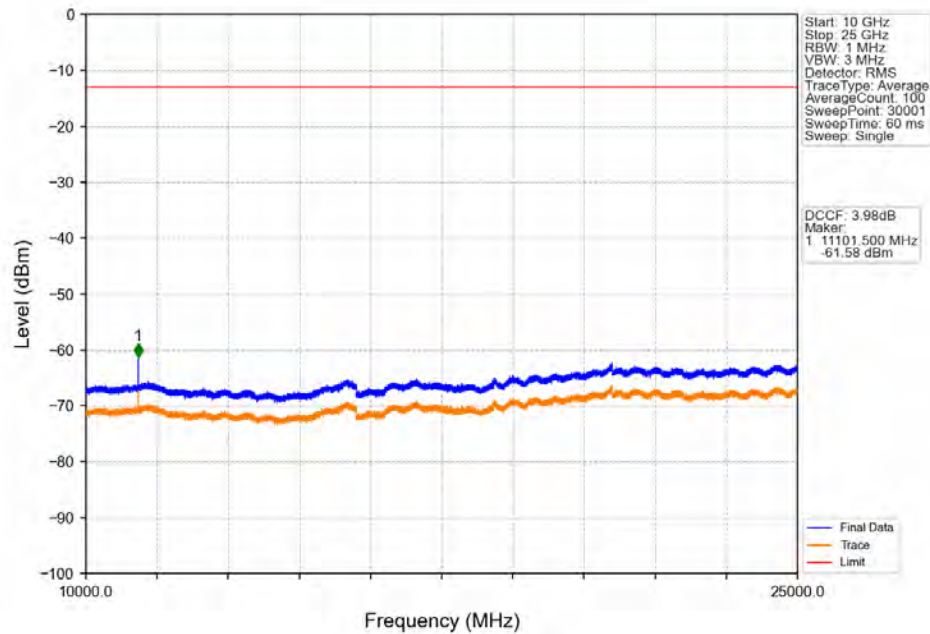
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Band43d_10MHz_QPSK_LCH_3705MHz_RB_1_0_NTNV



Band43d_10MHz_QPSK_LCH_3705MHz_RB_1_0_NTNV



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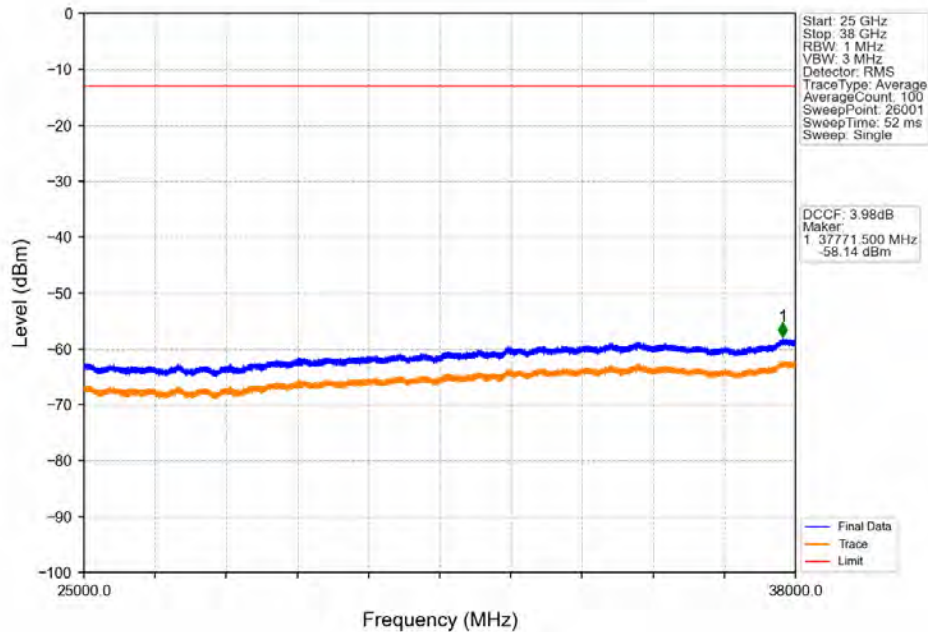
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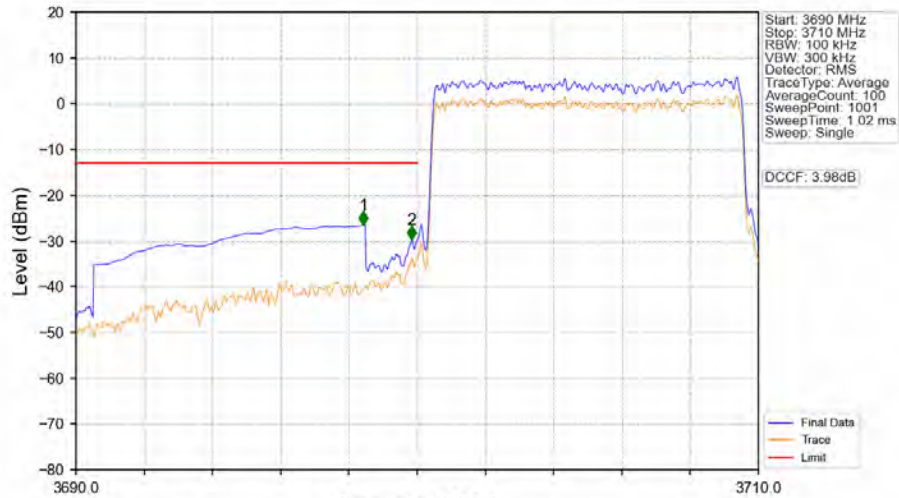
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Band43d 10MHz QPSK LCH 3705MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3690	3699	0.1	CHP	1	3698.420	-26.51	-13	Pass
3699	3700	0.1	/	2	3699.840	-29.80	-13	Pass
3700	3710	0.1	/	/	/	/	/	/

Band43d 10MHz QPSK MCH 3750MHz RB 1 0 NTN



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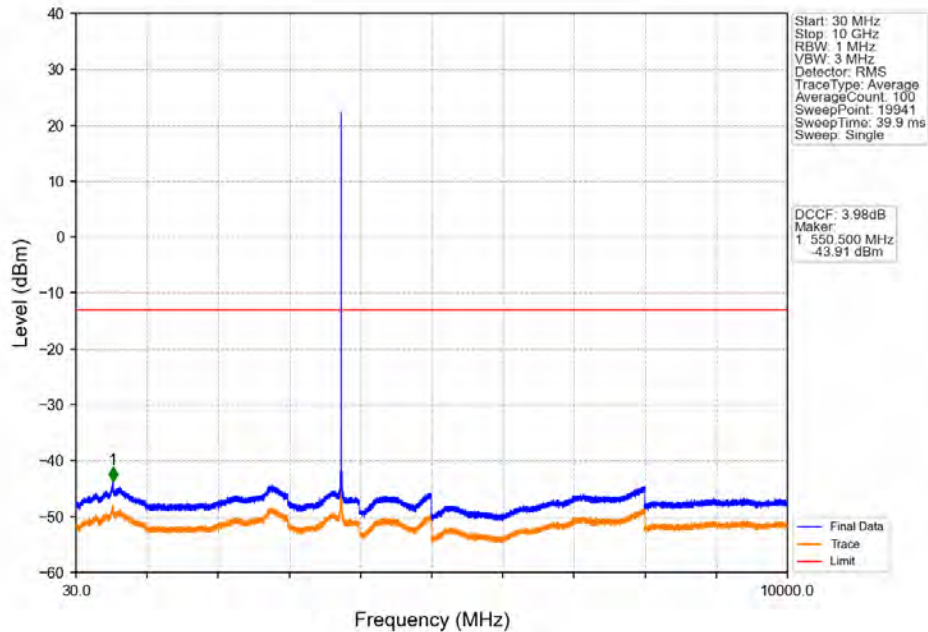
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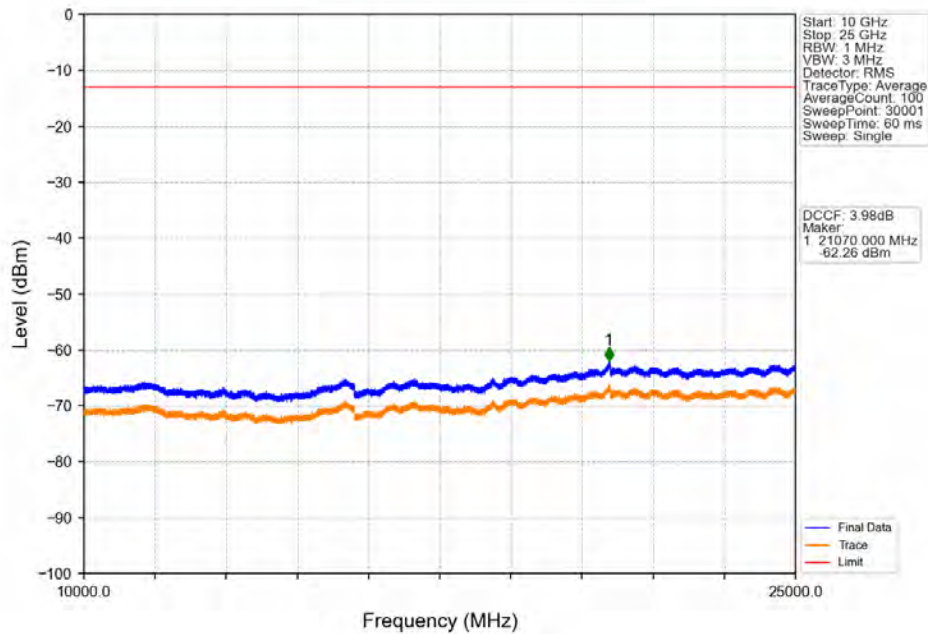
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Band43d_10MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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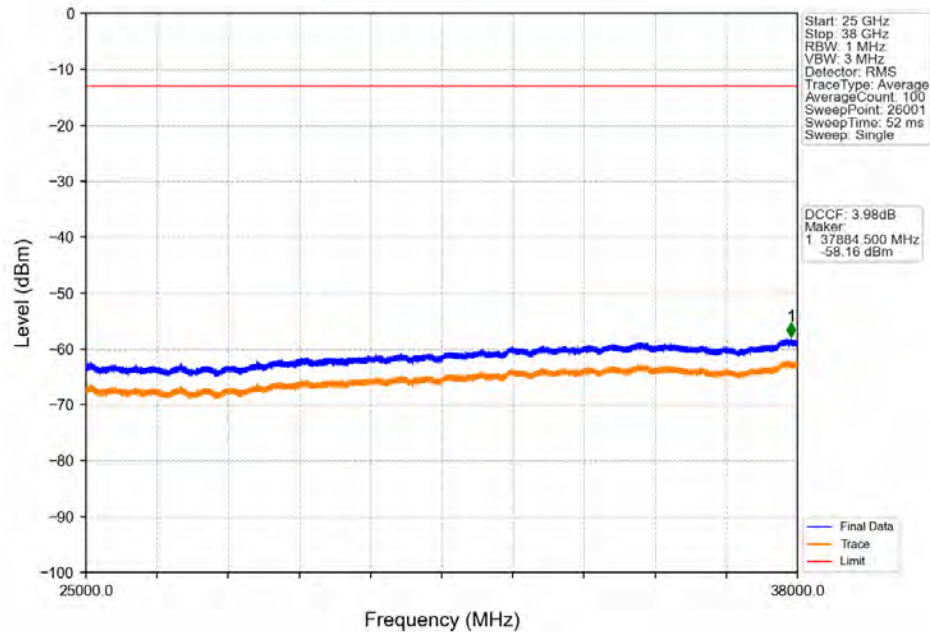
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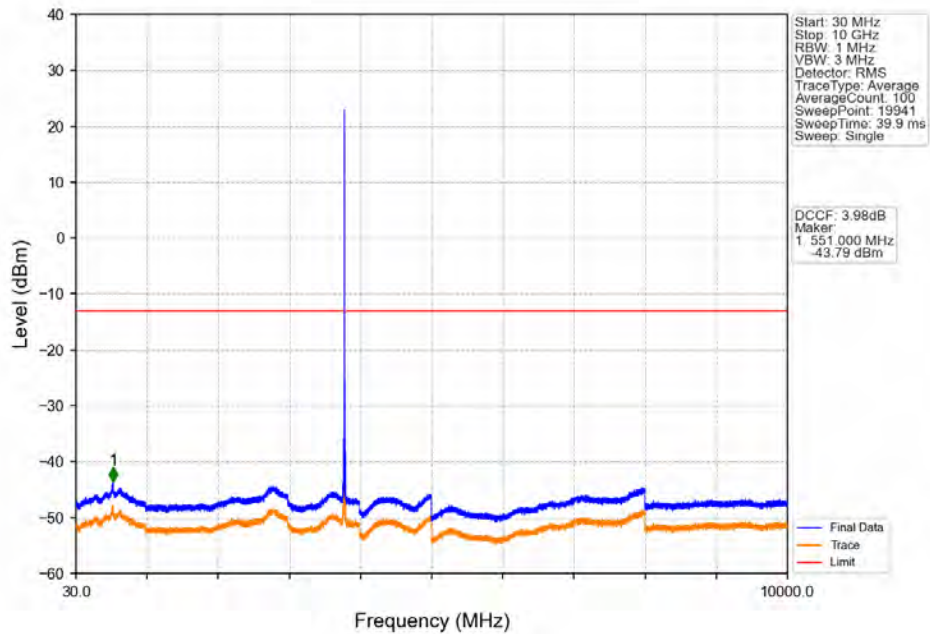
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Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_0_NTNV



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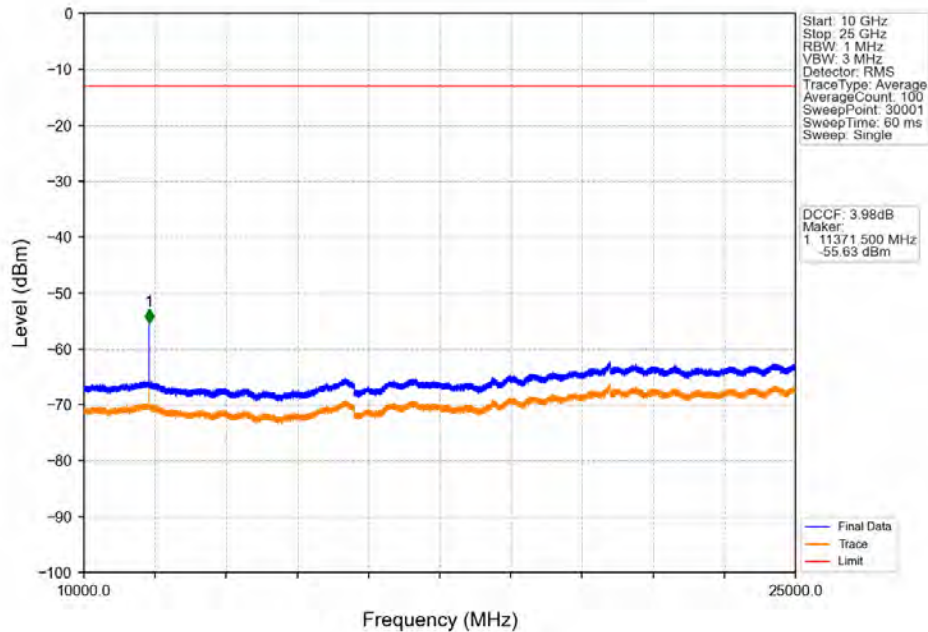
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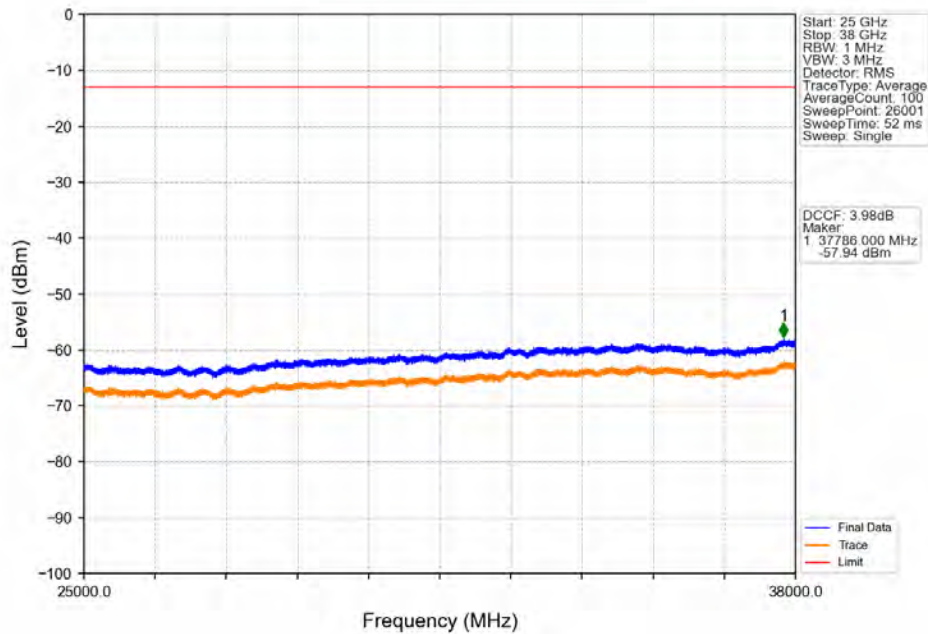
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Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_49_NTNV



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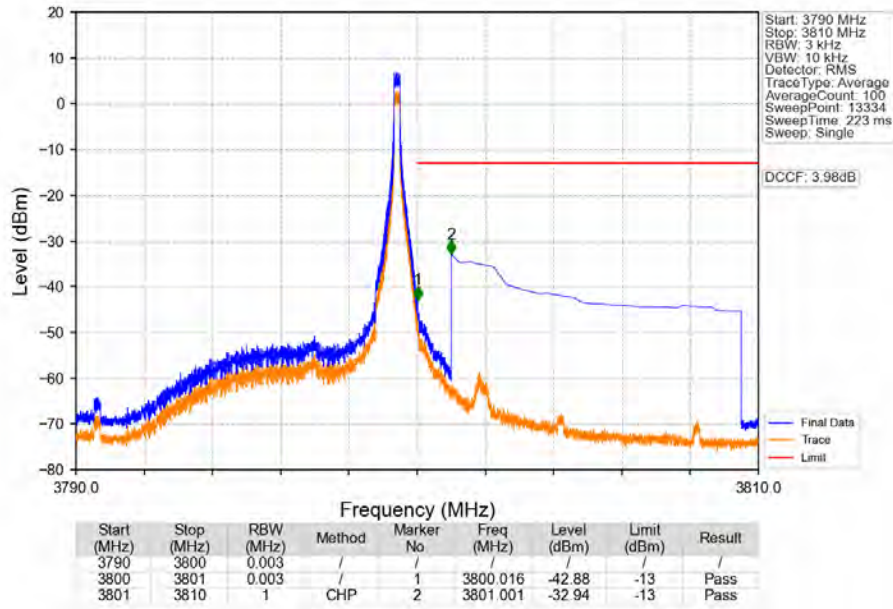
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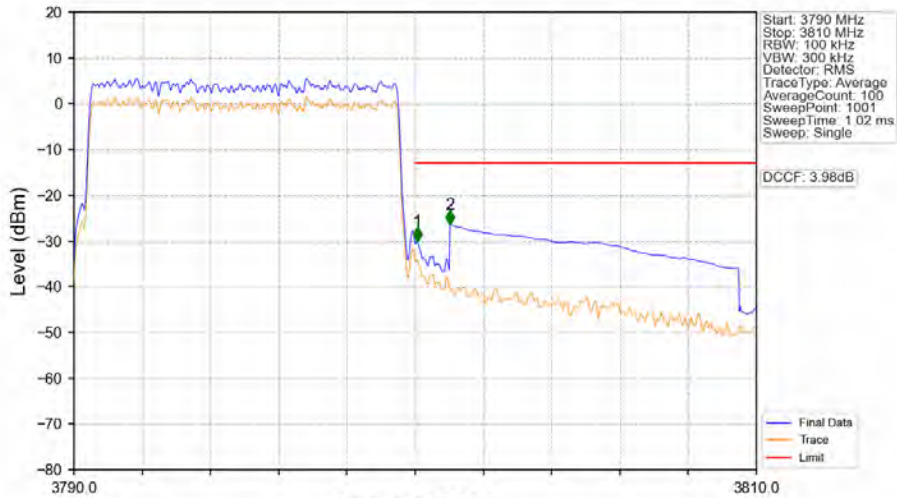
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3790	3800	0.1	/	1	3800.060	-30.06	-13	Pass
3801	3810	1	CHP	2	3801.020	-26.37	-13	Pass



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6.3 B43d_15MHz

6.3.1 Test Result

Band: 43d / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3707.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
	3792.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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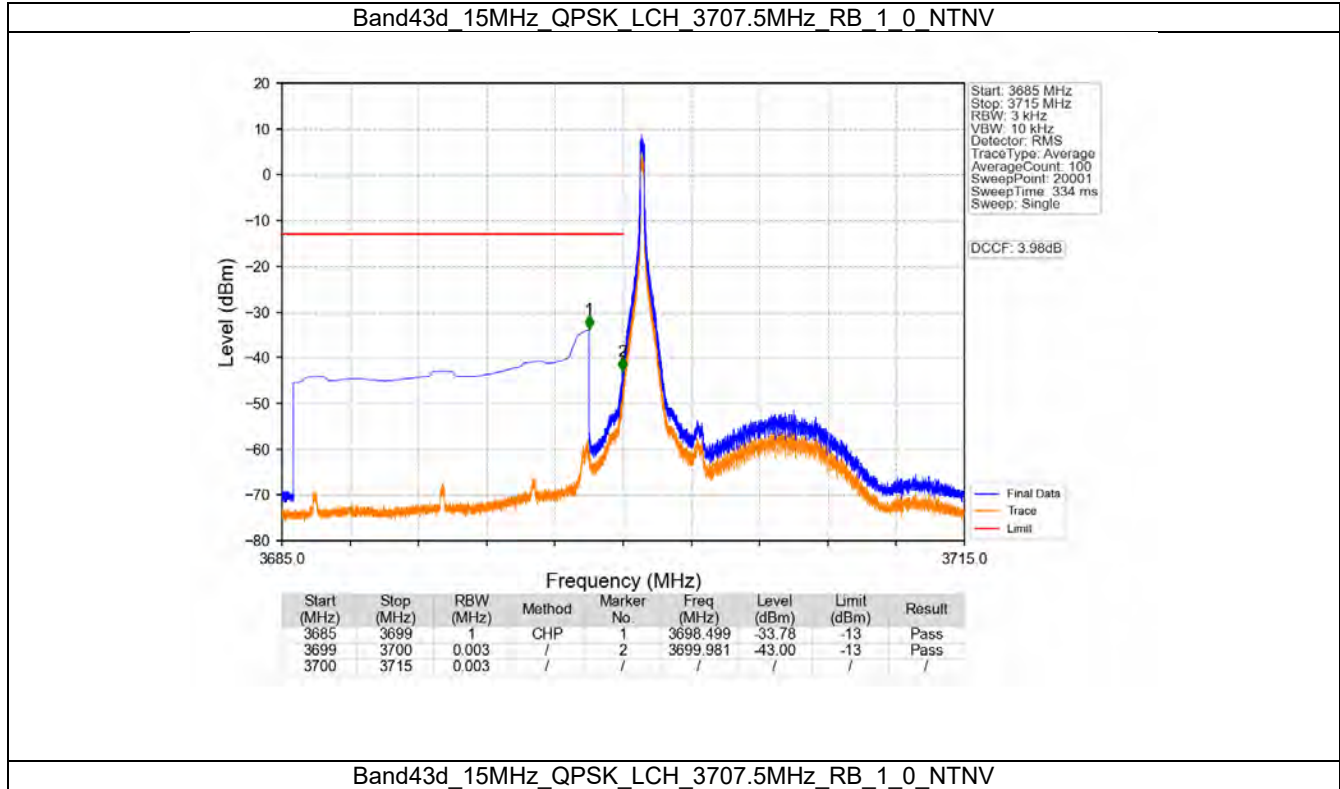
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6.3.2 Test Graph



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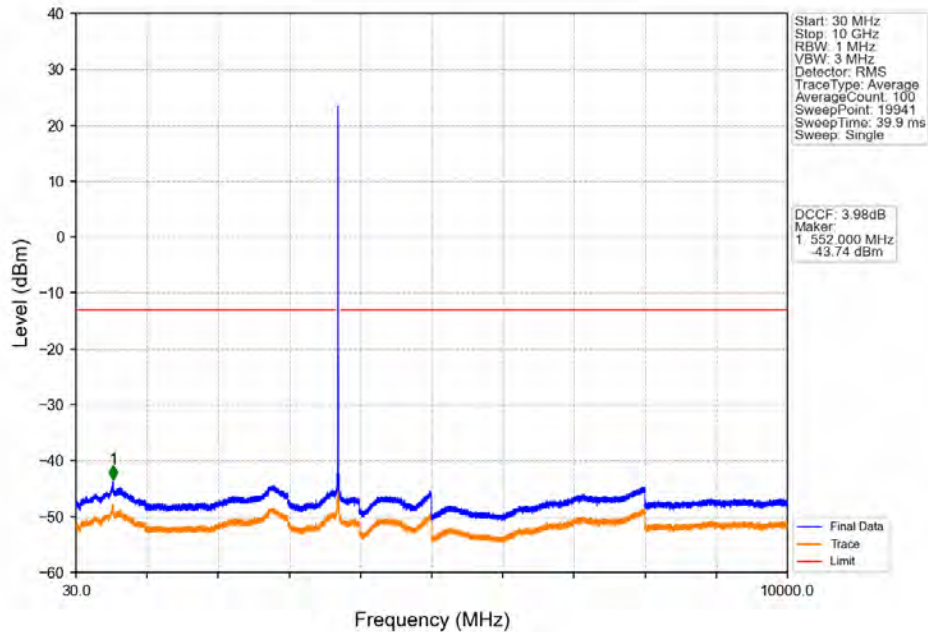
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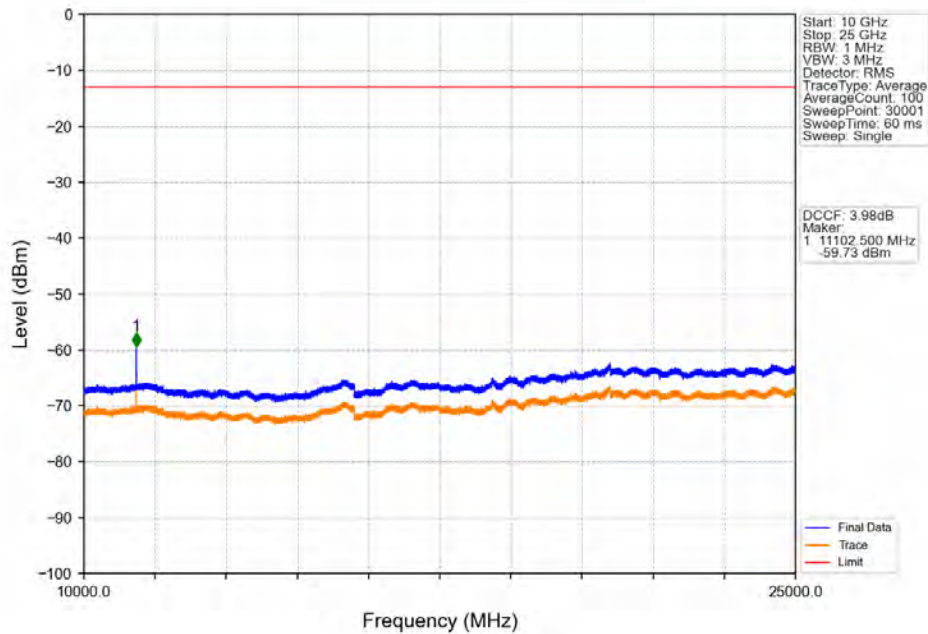
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Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_1_0_NTNV



Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_1_0_NTNV



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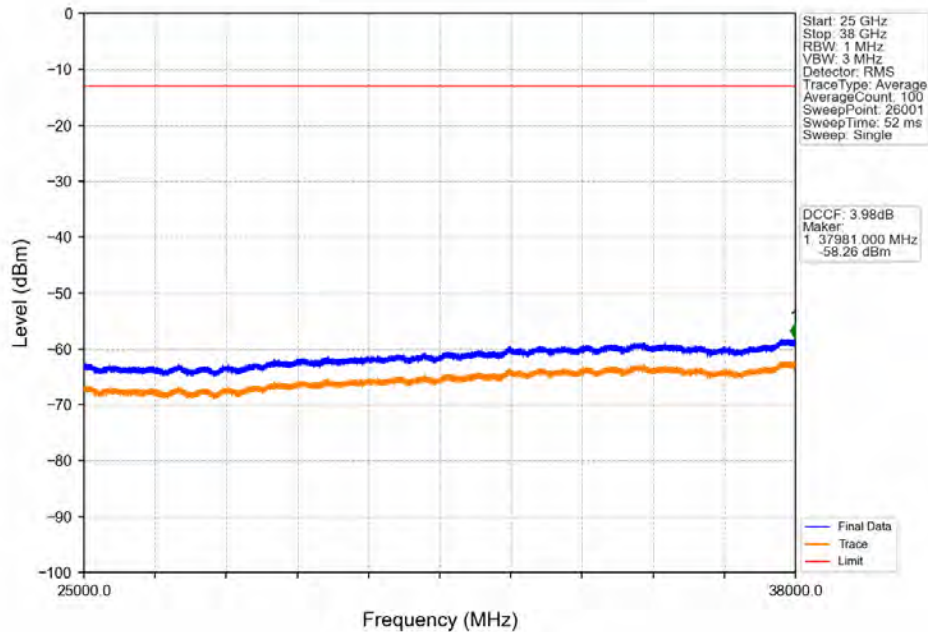
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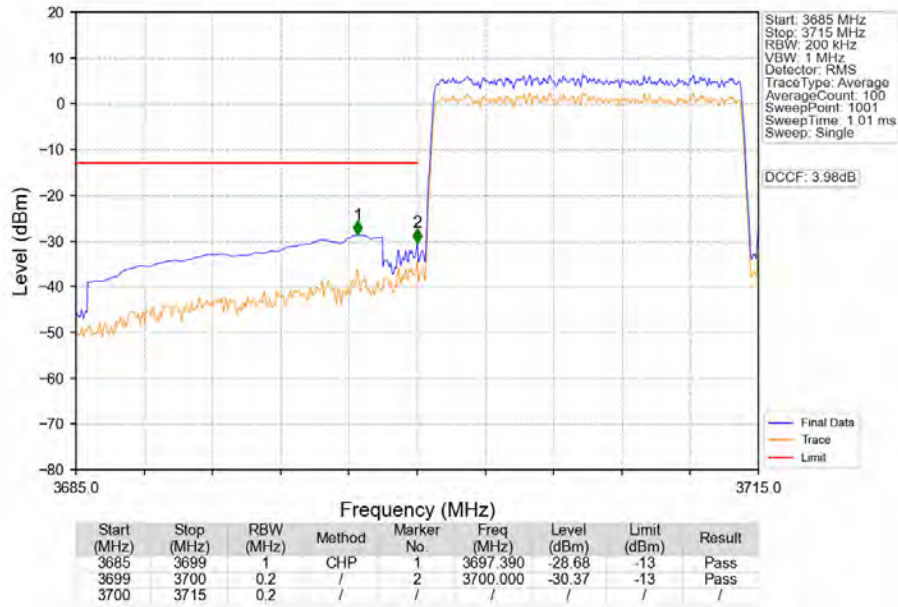
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Band43d_15MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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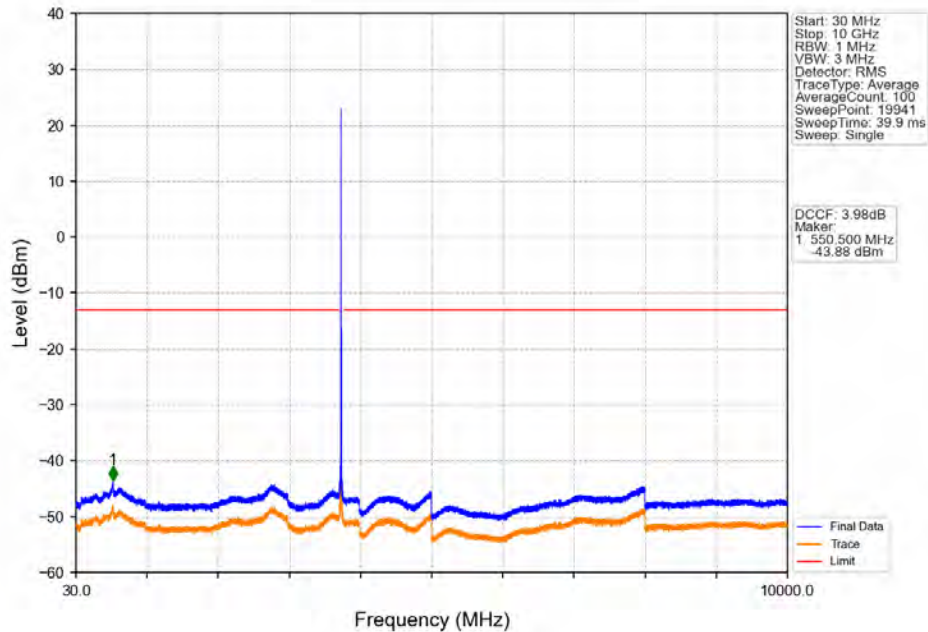
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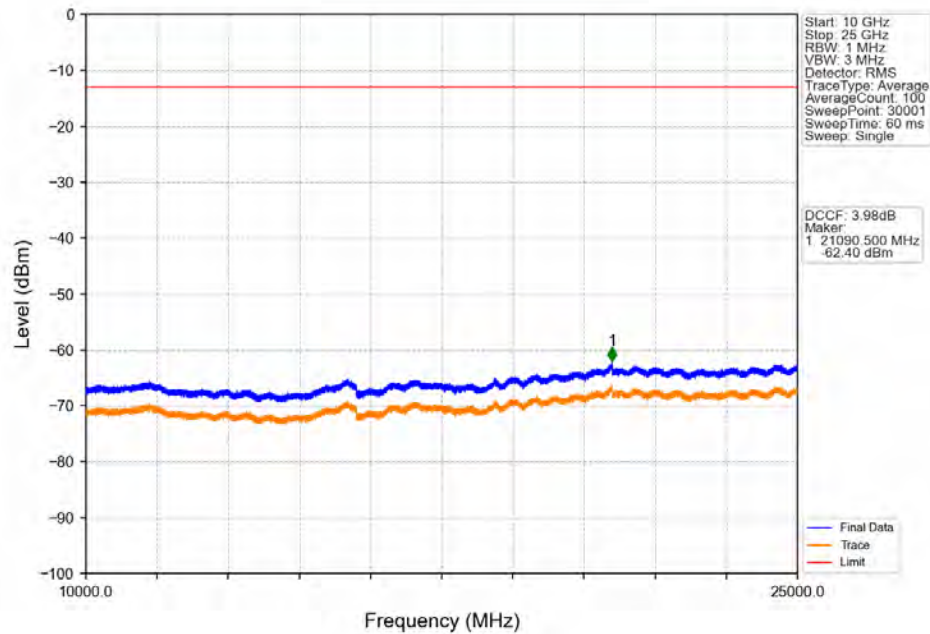
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Band43d_15MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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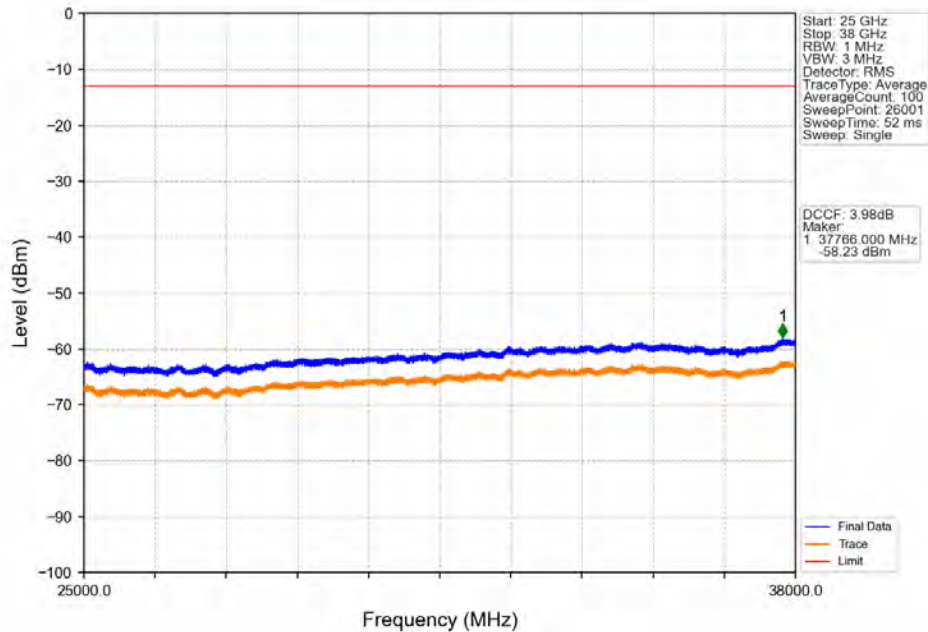
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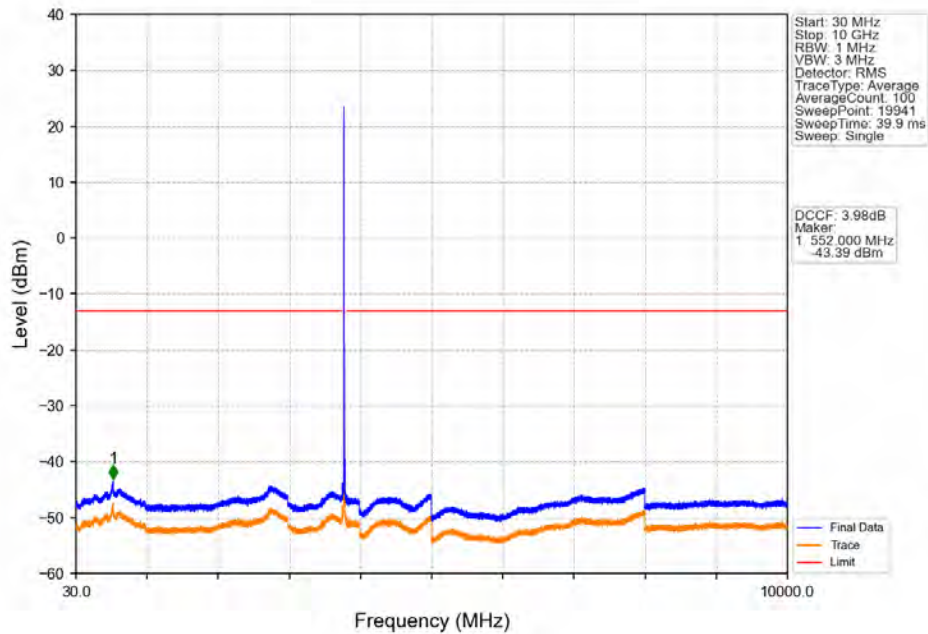
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Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_1_0_NTNV



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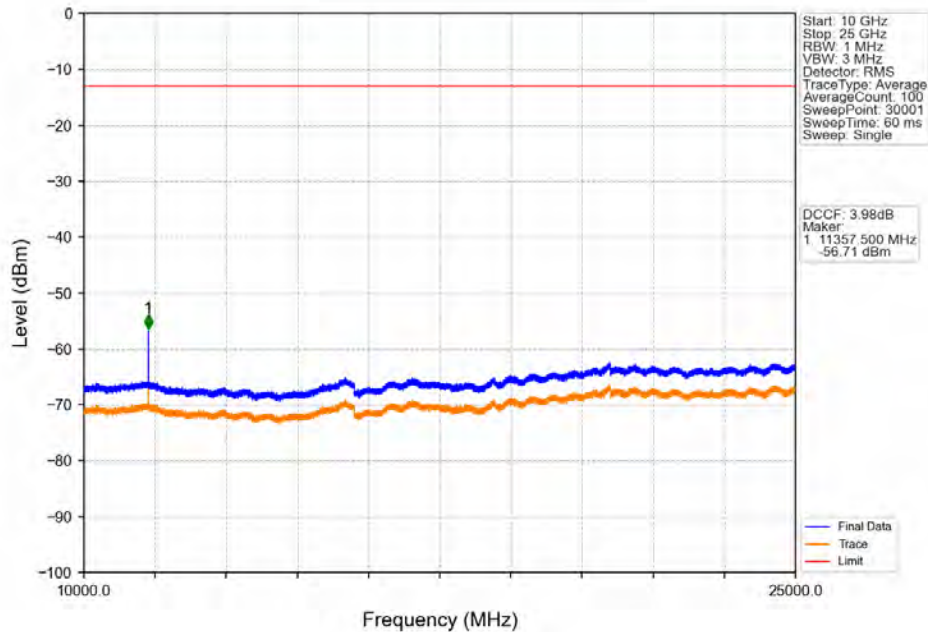
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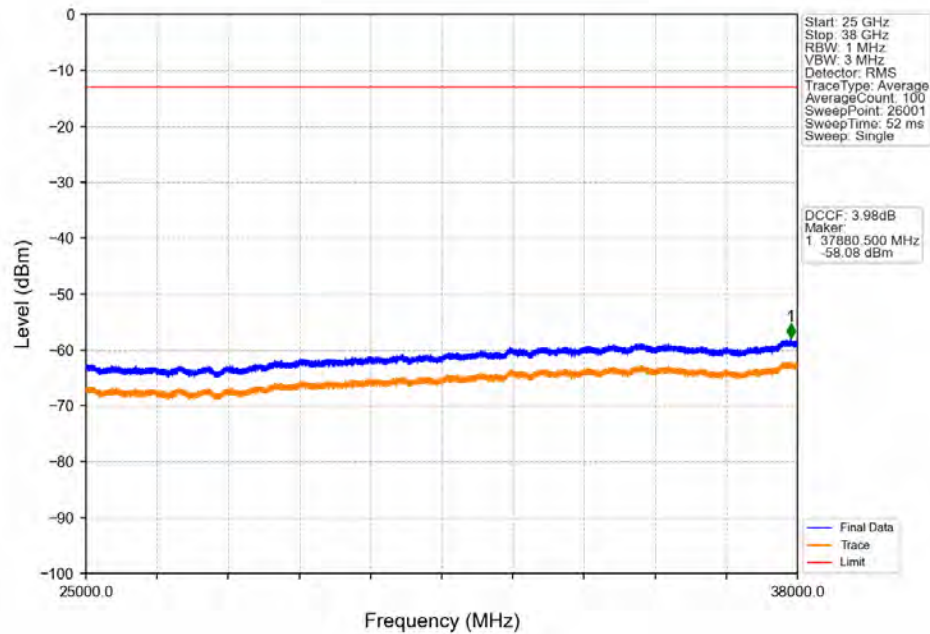
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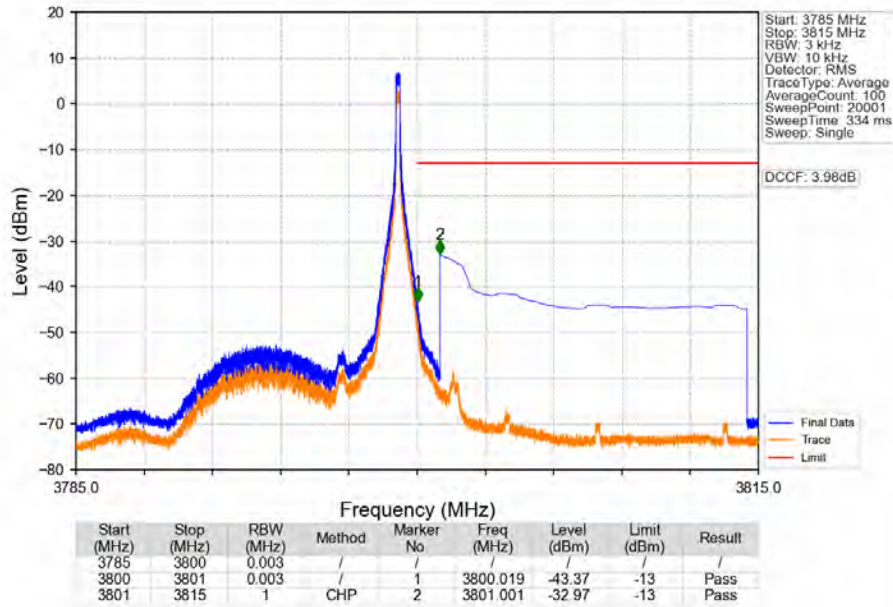
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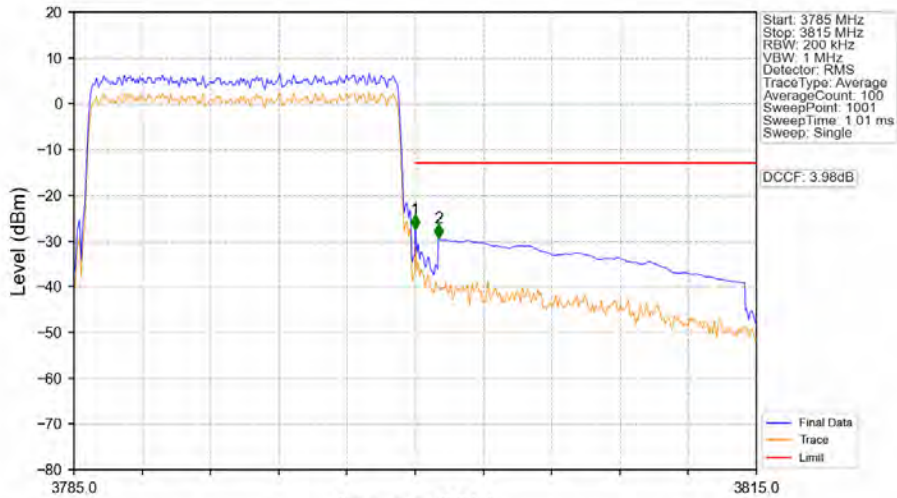
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Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3785	3800	0.2	/	/	/	/	/	/
3800	3801	0.2	/	1	3800.000	-27.46	-13	Pass
3801	3815	1	CHP	2	3801.020	-29.42	-13	Pass



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6.4 B43d_20MHz

6.4.1 Test Result

Band: 43d / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3710	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
	3790	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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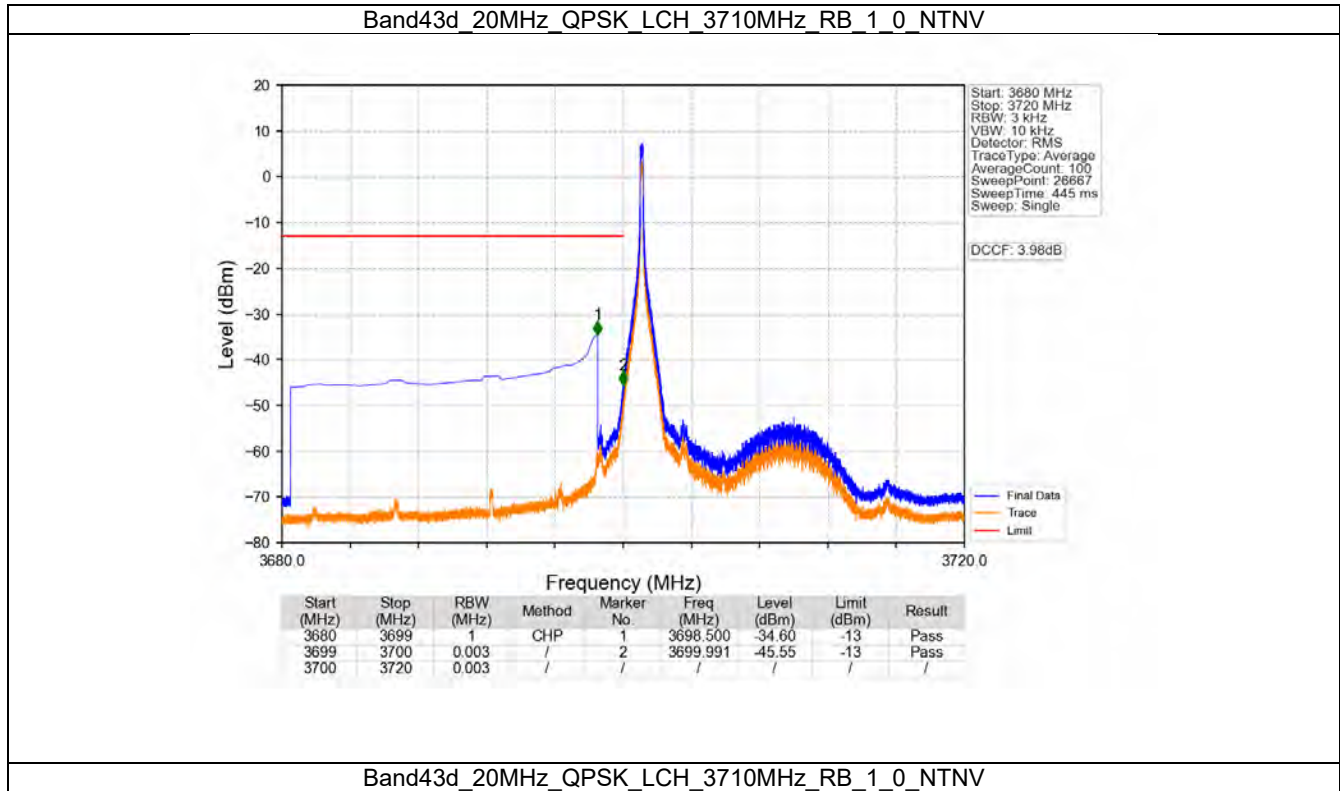
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6.4.2 Test Graph



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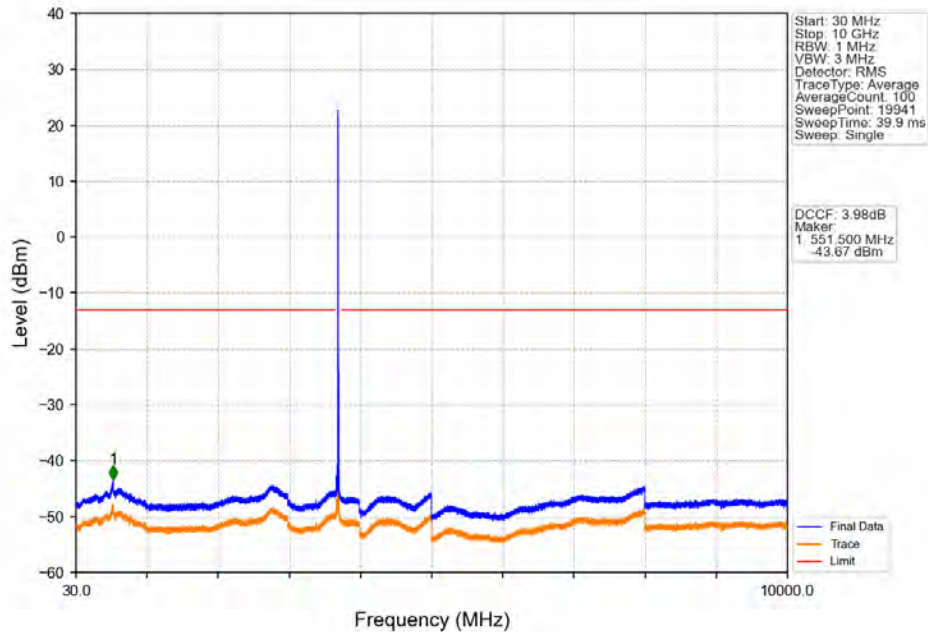
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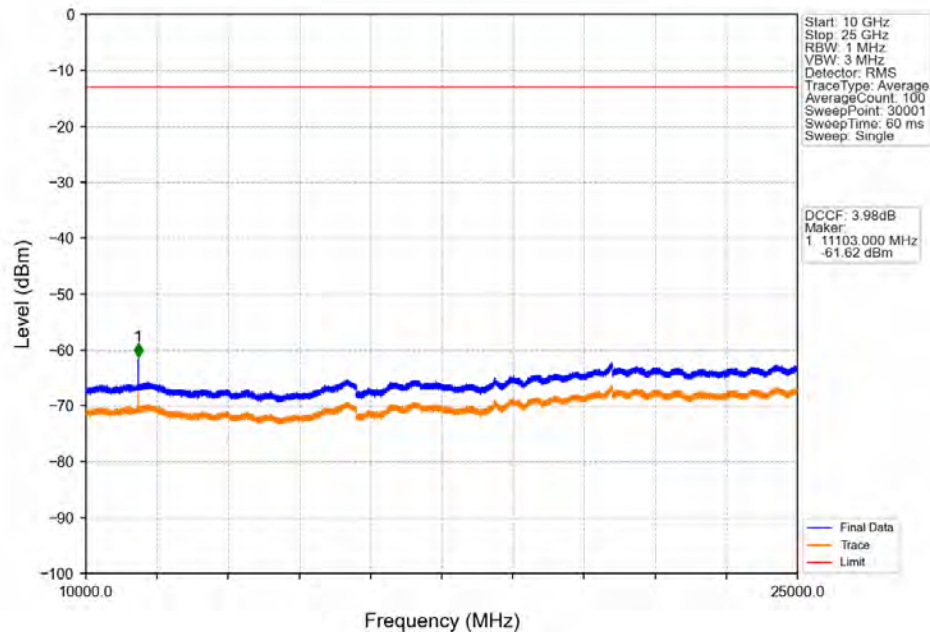
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Band43d_20MHz_QPSK_LCH_3710MHz_RB_1_0_NTNV



Band43d_20MHz_QPSK_LCH_3710MHz_RB_1_0_NTNV



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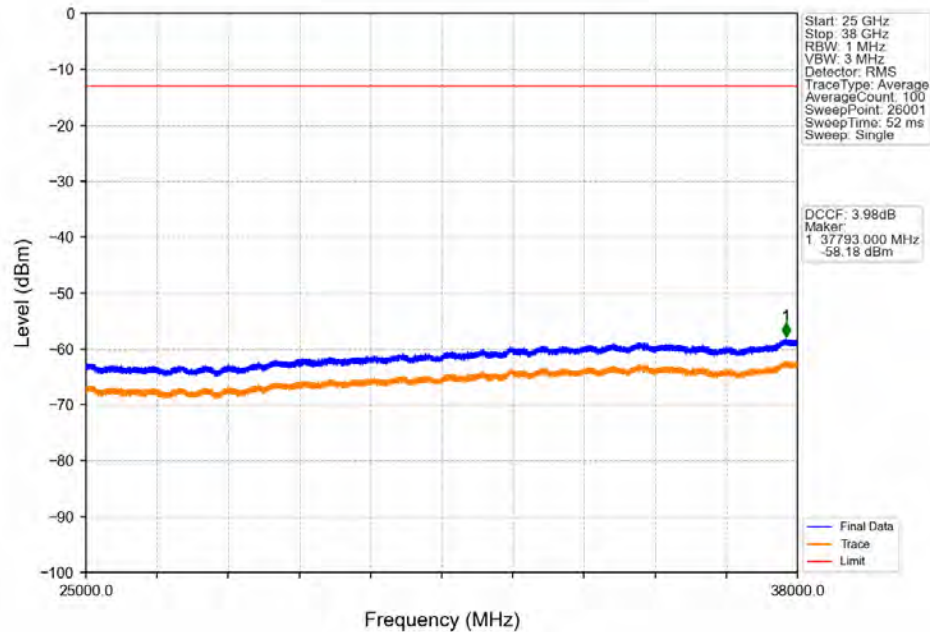
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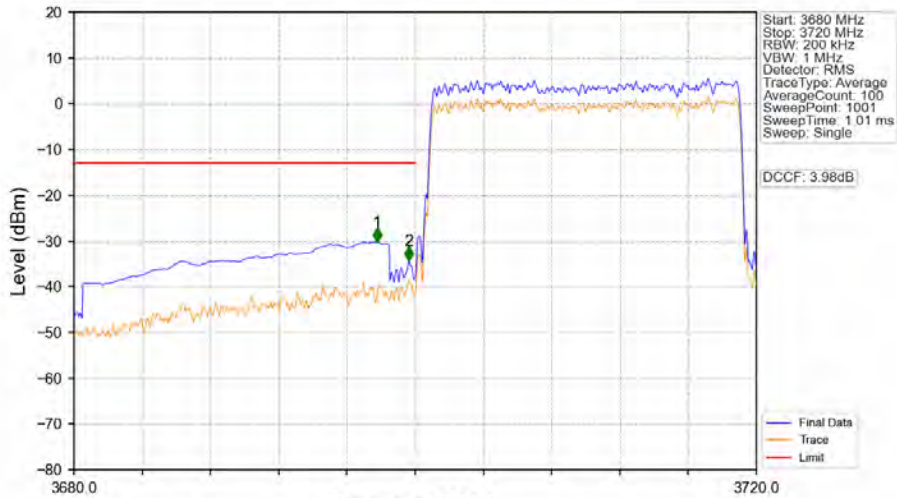
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Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3680	3699	1	CHP	1	3687.760	-30.28	-13	Pass
3699	3700	0.2	/	2	3699.640	-34.34	-13	Pass
3700	3720	0.2	/	/	/	/	/	/

Band43d_20MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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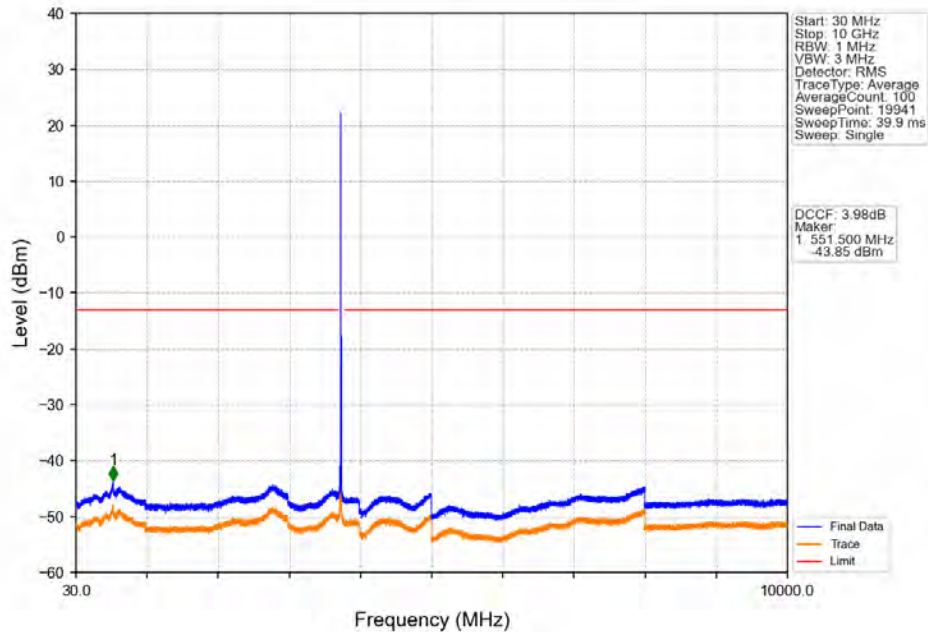
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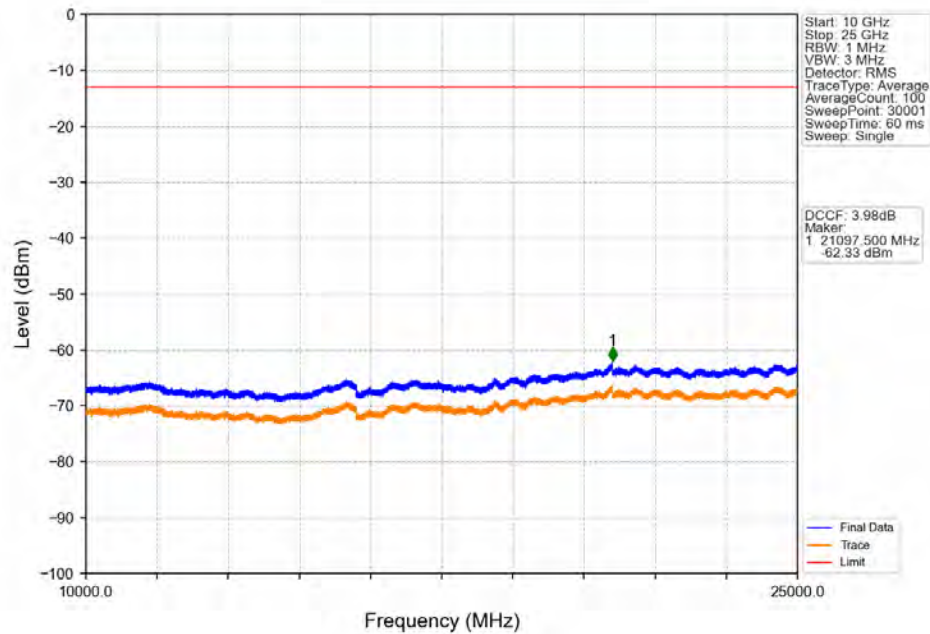
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Band43d_20MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



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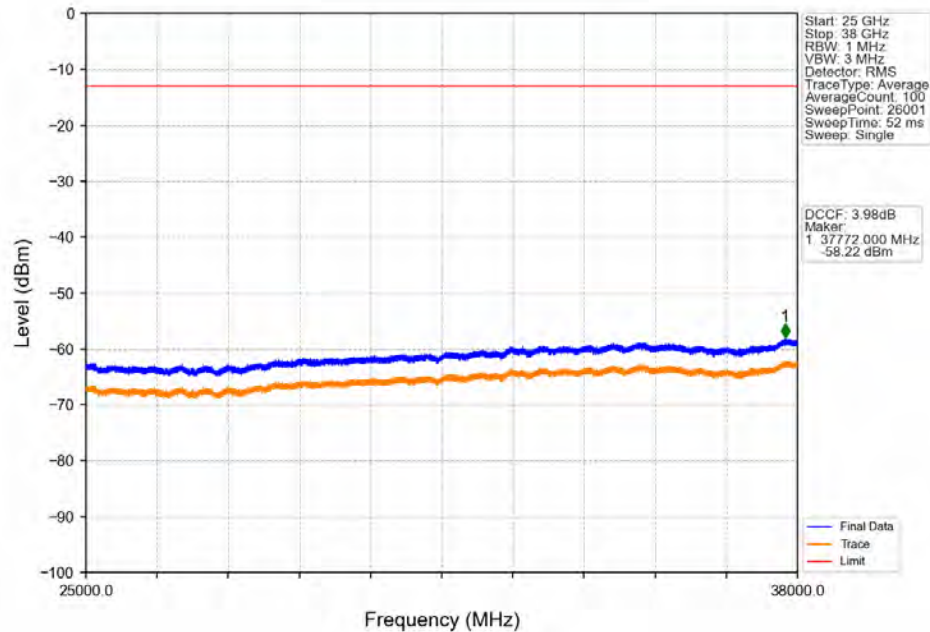
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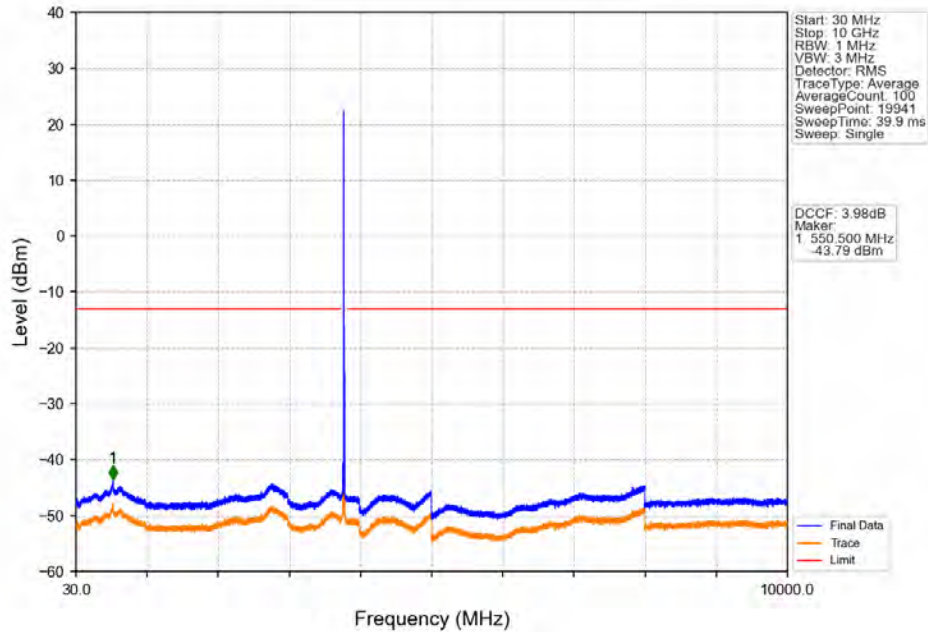
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Band43d_20MHz_QPSK_HCH_3790MHz_RB_1_0_NTNV



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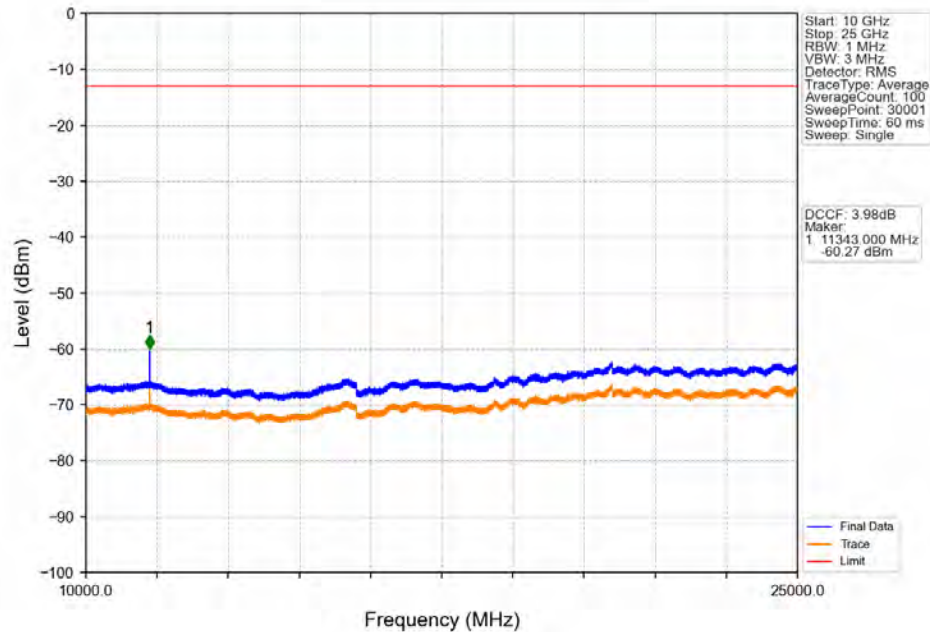
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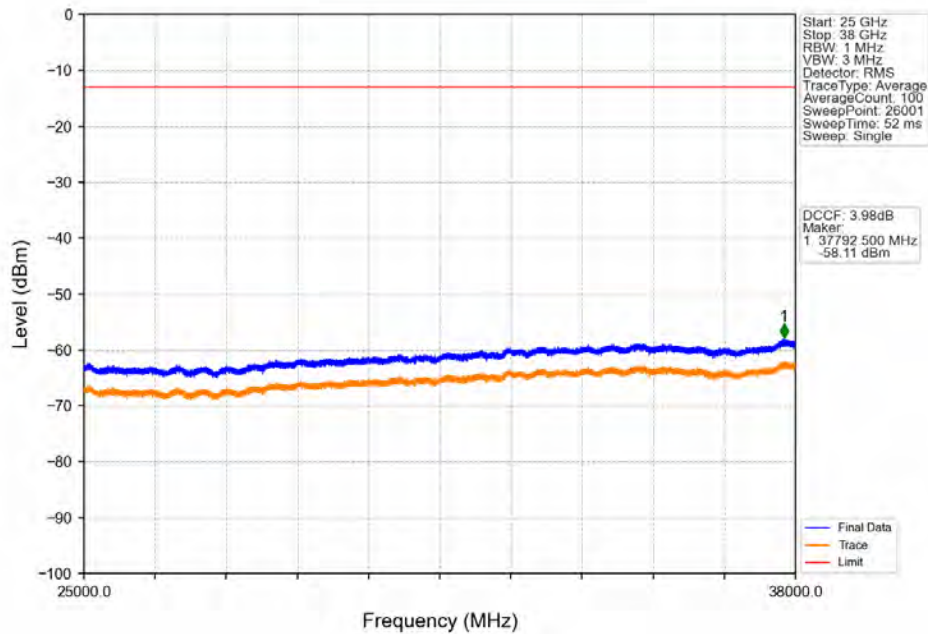
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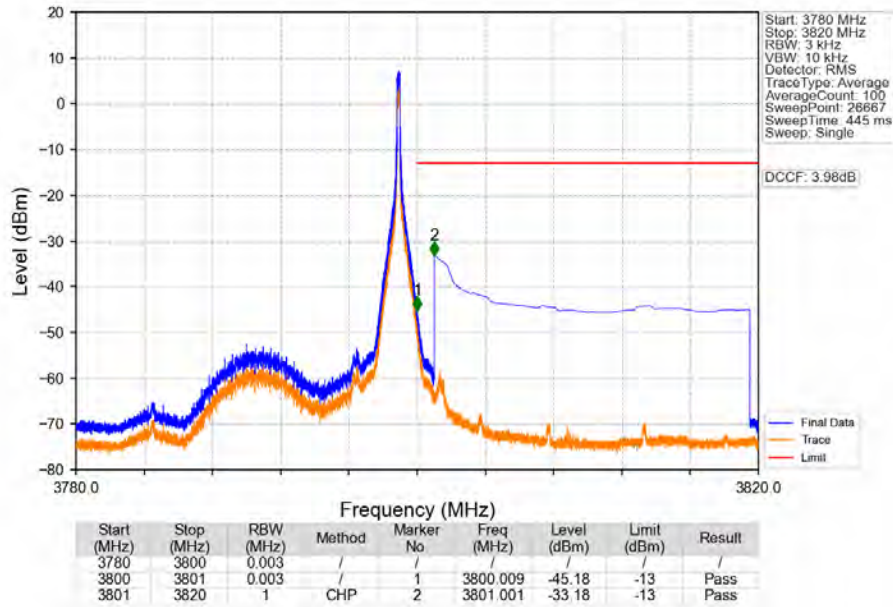
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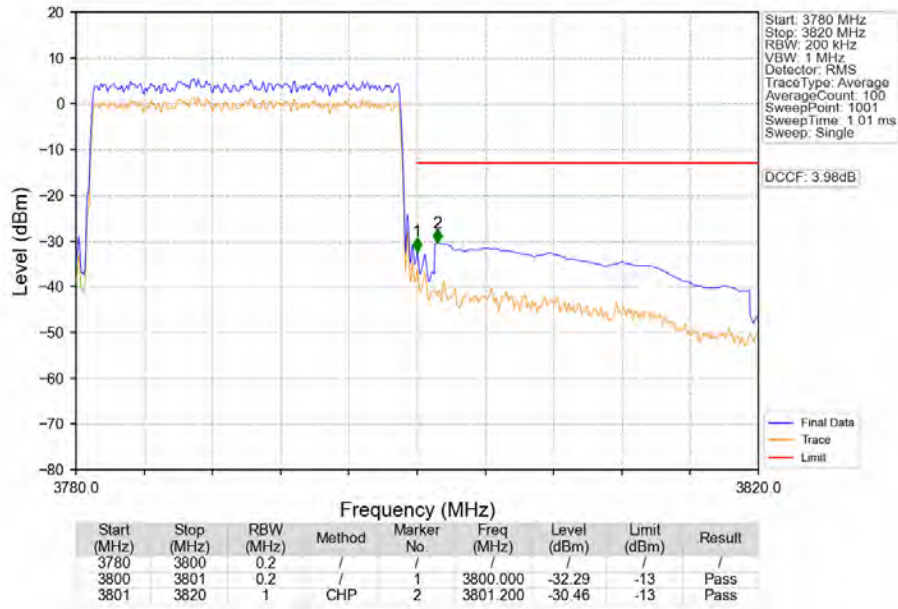
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Band43d_20MHz QPSK HCH 3790MHz_RB_100_0_NTNV



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