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Appendix B.4

LTE Band 2



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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
Band2	1.4MHz	QPSK	18607	1RB#0	23.58	27.45	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.55	27.42	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.46	27.33	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.61	26.48	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.16	27.03	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.76	27.63	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.58	27.45	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.73	26.6	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.64	27.51	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.6	27.47	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.75	27.62	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.57	26.44	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.95	26.82	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.87	26.74	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.71	26.58	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.62	25.49	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.83	26.7	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.91	26.78	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.87	26.74	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.84	25.71	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.81	26.68	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.72	26.59	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.84	26.71	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.73	25.6	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.69	26.56	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.7	25.57	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.7	25.57	33	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.63	24.5	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.82	25.69	33	PASS



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Band2	1.4MHz	64QAM	18900	1RB#2	21.75	25.62	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.84	25.71	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.78	24.65	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.83	25.7	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.89	25.76	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.93	25.8	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.64	24.51	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.61	22.48	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.65	22.52	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.64	22.51	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	18.65	22.52	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	18.86	22.73	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	18.95	22.82	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.94	22.81	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.79	22.66	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	18.78	22.65	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.85	22.72	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.79	22.66	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	18.65	22.52	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.5	27.37	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.82	27.69	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.57	27.44	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.69	26.56	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.55	27.42	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.77	27.64	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.78	27.65	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.7	26.57	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.58	27.45	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.59	27.46	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.67	27.54	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.61	26.48	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.58	26.45	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.87	26.74	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.68	26.55	33	PASS



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Band2	3MHz	16QAM	18615	15RB#0	21.67	25.54	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.79	26.66	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.89	26.76	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.75	26.62	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.7	25.57	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.86	26.73	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.83	26.7	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.66	26.53	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.6	25.47	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.71	25.58	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.87	25.74	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.78	25.65	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.67	24.54	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.74	25.61	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.8	25.67	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.91	25.78	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.66	24.53	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.84	25.71	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.96	25.83	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.9	25.77	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.64	24.51	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.63	22.5	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.68	22.55	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	18.67	22.54	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	18.68	22.55	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	18.59	22.46	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.84	22.71	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.82	22.69	33	PASS
Band2	3MHz	256QAM	18900	15RB#0	18.72	22.59	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.66	22.53	33	PASS
Band2	3MHz	256QAM	19185	1RB#8	18.75	22.62	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	18.84	22.71	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	18.63	22.5	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.5	27.37	33	PASS



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Band2	5MHz	QPSK	18625	1RB#12	23.65	27.52	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.62	27.49	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.69	26.56	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.48	27.35	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.63	27.5	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.68	27.55	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.62	26.49	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.63	27.5	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.58	27.45	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.69	27.56	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.72	26.59	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.62	26.49	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.75	26.62	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.7	26.57	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.74	25.61	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.71	26.58	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.88	26.75	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.81	26.68	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.67	25.54	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.83	26.7	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.85	26.72	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.81	26.68	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.7	25.57	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.85	25.72	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	22	25.87	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.88	25.75	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.68	24.55	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.97	25.84	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.96	25.83	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.04	25.91	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.74	24.61	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.83	25.7	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.97	25.84	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.9	25.77	33	PASS



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Band2	5MHz	256QAM	18625	1RB#0	18.66	22.53	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.79	22.66	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	18.79	22.66	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.72	22.59	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.74	22.61	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	18.89	22.76	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.8	22.67	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.71	22.58	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	18.62	22.49	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.83	22.7	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	18.81	22.68	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.7	22.57	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.74	27.61	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.57	27.44	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.68	27.55	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.7	26.57	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.52	27.39	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.64	27.51	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.7	27.57	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.69	26.56	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.72	27.59	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.7	27.57	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.75	27.62	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.72	26.59	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.74	26.61	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.88	26.75	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.83	26.7	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.7	25.57	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.66	26.53	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.84	26.71	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.85	26.72	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.65	25.52	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.06	26.93	33	PASS



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Band2	10MHz	16QAM	19150	1RB#24	22.83	26.7	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.83	26.7	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.77	25.64	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.84	25.71	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.81	25.68	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.72	25.59	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.74	24.61	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	22	25.87	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.9	25.77	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.09	25.96	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.72	24.59	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.83	25.7	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.09	25.96	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.92	25.79	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.84	24.71	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.56	22.43	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.8	22.67	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.82	22.69	33	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.68	22.55	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	18.76	22.63	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.99	22.86	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.85	22.72	33	PASS
Band2	10MHz	256QAM	18900	50RB#0	18.68	22.55	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	18.7	22.57	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.91	22.78	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	18.78	22.65	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.79	22.66	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.29	27.16	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.59	27.46	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.55	27.42	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.61	26.48	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.67	27.54	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.62	27.49	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.58	27.45	33	PASS



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Band2	15MHz	QPSK	18900	75RB#0	22.52	26.39	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.55	27.42	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.53	27.4	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.37	27.24	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.53	26.4	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.57	26.44	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.64	26.51	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.67	26.54	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.62	25.49	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.63	26.5	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.65	26.52	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.65	26.52	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.62	25.49	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.62	26.49	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.65	26.52	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.7	26.57	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.6	25.47	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.74	25.61	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.69	25.56	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.86	25.73	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.59	24.46	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.53	25.4	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.74	25.61	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.79	25.66	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.57	24.44	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.55	25.42	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.59	25.46	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.58	25.45	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.59	24.46	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.42	22.29	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	18.7	22.57	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.73	22.6	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.66	22.53	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	18.57	22.44	33	PASS



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Band2	15MHz	256QAM	18900	1RB#38	18.73	22.6	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.86	22.73	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.61	22.48	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	18.6	22.47	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.6	22.47	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	18.73	22.6	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	18.55	22.42	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.57	27.44	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.47	27.34	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.8	27.67	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.62	26.49	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.64	27.51	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.6	27.47	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.63	27.5	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.66	26.53	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.79	27.66	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.67	27.54	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.48	27.35	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.58	26.45	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.56	26.43	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.66	26.53	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.62	26.49	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.62	25.49	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.57	26.44	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	23	26.87	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.65	26.52	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.65	25.52	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.95	26.82	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.9	26.77	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.62	26.49	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.48	25.35	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.59	25.46	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.58	25.45	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.59	25.46	33	PASS



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Band2	20MHz	64QAM	18700	100RB#0	20.58	24.45	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.6	25.47	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.05	25.92	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.78	25.65	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.64	24.51	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.73	25.6	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.75	25.62	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.68	25.55	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.54	24.41	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.34	22.21	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.67	22.54	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	18.66	22.53	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.61	22.48	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	18.57	22.44	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	18.62	22.49	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	18.83	22.7	33	PASS
Band2	20MHz	256QAM	18900	100RB#0	18.57	22.44	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	18.42	22.29	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	18.79	22.66	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	18.71	22.58	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	18.65	22.52	33	PASS



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2. Frequency Stability

2.6 B2_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.135	-0.946	-0.0005	/	Pass
					3.7	1.213	0.0007	/	Pass
					4.4	-1.526	-0.0008	/	Pass
				-30	3.7	-0.105	-0.0001	/	Pass
				-20	3.7	-2.298	-0.0012	/	Pass
				-10	3.7	-2.127	-0.0011	/	Pass
				0	3.7	-1.215	-0.0007	/	Pass
				10	3.7	-2.410	-0.0013	/	Pass
				30	3.7	-1.151	-0.0006	/	Pass
				40	3.7	-1.496	-0.0008	/	Pass
				50	3.7	-2.344	-0.0013	/	Pass
	1880	100	0	20	3.135	-1.824	-0.0010	/	Pass
					3.7	-1.510	-0.0008	/	Pass
					4.4	-1.137	-0.0006	/	Pass
				-30	3.7	-1.543	-0.0008	/	Pass
				-20	3.7	-1.490	-0.0008	/	Pass
				-10	3.7	-0.865	-0.0005	/	Pass
				0	3.7	-1.404	-0.0007	/	Pass
				10	3.7	-2.296	-0.0012	/	Pass
				30	3.7	-0.579	-0.0003	/	Pass
				40	3.7	-3.080	-0.0016	/	Pass
				50	3.7	0.634	0.0003	/	Pass
	1900	100	0	20	3.135	-0.872	-0.0005	/	Pass
					3.7	-0.278	-0.0001	/	Pass
					4.4	-1.539	-0.0008	/	Pass
				-30	3.7	-0.936	-0.0005	/	Pass
				-20	3.7	-0.699	-0.0004	/	Pass
				-10	3.7	-2.198	-0.0012	/	Pass
				0	3.7	-0.278	-0.0001	/	Pass
				10	3.7	-1.007	-0.0005	/	Pass
				30	3.7	-2.144	-0.0011	/	Pass
				40	3.7	-0.910	-0.0005	/	Pass
				50	3.7	0.134	0.0001	/	Pass



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3. Field Strength of Spurious Radiation

For report SUCR240400009001:

Test Band = LTE_B2
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3634.5317	54.36	-49.52	30.34	-60.08	-13.00	47.08	Horizontal
2	4941.0971	52.22	-47.22	33.18	-57.08	-13.00	44.08	Horizontal
3	6748.6874	50.94	-44.00	36.19	-52.13	-13.00	39.13	Horizontal
4	9130.0565	49.23	-41.45	38.82	-48.66	-13.00	35.66	Horizontal
5	12445.9723	47.20	-37.52	39.55	-46.03	-13.00	33.03	Horizontal
6	17907.7454	48.48	-38.15	42.25	-42.68	-13.00	29.68	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0351	56.33	-50.00	30.31	-58.62	-13.00	45.62	Vertical
2	4682.3341	53.31	-47.73	31.87	-57.81	-13.00	44.81	Vertical
3	6480.924	51.61	-44.91	34.83	-53.73	-13.00	40.73	Vertical
4	8551.7776	49.61	-41.40	39.07	-47.98	-13.00	34.98	Vertical
5	11456.6728	48.06	-38.37	39.59	-45.98	-13.00	32.98	Vertical
6	15023.1012	47.51	-35.07	39.88	-42.94	-13.00	29.94	Vertical



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Test Band = LTE_B2
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3931.5466	53.97	-49.46	30.79	-59.96	-13.00	46.96	Horizontal
2	5267.3634	52.21	-46.83	33.33	-56.55	-13.00	43.55	Horizontal
3	7452.2226	50.82	-43.26	36.70	-51.00	-13.00	38.00	Horizontal
4	9027.3014	49.44	-41.42	38.75	-48.49	-13.00	35.49	Horizontal
5	12511.9756	47.27	-37.51	39.49	-46.01	-13.00	33.01	Horizontal
6	17645.2323	49.33	-38.28	41.28	-42.93	-13.00	29.93	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.5371	55.33	-49.54	30.47	-59.00	-13.00	46.00	Vertical
2	5590.6295	52.33	-46.39	33.36	-55.96	-13.00	42.96	Vertical
3	7813.7407	50.37	-43.08	37.10	-50.87	-13.00	37.87	Vertical
4	8995.7998	49.41	-41.19	38.77	-48.27	-13.00	35.27	Vertical
5	14438.8219	47.96	-36.51	40.54	-43.27	-13.00	30.27	Vertical
6	17988.7494	48.86	-38.97	42.73	-42.64	-13.00	29.64	Vertical



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Test Band = LTE_B2
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3634.5317	54.61	-49.52	30.34	-59.83	-13.00	46.83	Horizontal
2	5462.3731	52.15	-46.56	33.33	-56.34	-13.00	43.34	Horizontal
3	7845.9923	50.51	-42.81	37.10	-50.46	-13.00	37.46	Horizontal
4	10700.635	48.26	-39.22	39.50	-46.72	-13.00	33.72	Horizontal
5	14549.8275	46.52	-35.15	40.55	-43.34	-13.00	30.34	Horizontal
6	17912.9956	48.70	-38.25	42.28	-42.53	-13.00	29.53	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.2891	58.69	-49.59	30.50	-55.66	-13.00	42.66	Vertical
2	5139.107	52.52	-47.24	33.58	-56.40	-13.00	43.40	Vertical
3	7377.2189	51.05	-43.61	36.85	-50.97	-13.00	37.97	Vertical
4	10713.3857	48.12	-39.24	39.53	-46.85	-13.00	33.85	Vertical
5	14175.5588	47.22	-35.86	40.78	-43.12	-13.00	30.12	Vertical
6	17902.4951	48.40	-38.06	42.21	-42.71	-13.00	29.71	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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For report SUCR240400008901:

Test Band = LTE_2_TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.5	48.44	-44.18	29.32	-61.68	-13.00	48.68	Horizontal
2	5178	46.12	-42.08	31.86	-59.36	-13.00	46.36	Horizontal
3	7404.5	48.66	-37.98	36.71	-47.87	-13.00	34.87	Horizontal
4	11014	42.57	-33.94	40.11	-46.52	-13.00	33.52	Horizontal
5	13735.5	41.90	-32.62	40.31	-45.67	-13.00	32.67	Horizontal
6	16611	40.90	-31.15	39.49	-46.02	-13.00	33.02	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	51.44	-44.19	29.31	-58.70	-13.00	45.70	Vertical
2	4986.5	46.42	-42.44	31.15	-60.13	-13.00	47.13	Vertical
3	7404.5	57.94	-37.98	36.71	-38.59	-13.00	25.59	Vertical
4	10286	42.94	-34.69	39.04	-47.97	-13.00	34.97	Vertical
5	13750	41.51	-32.24	40.35	-45.64	-13.00	32.64	Vertical
6	16102.5	40.70	-28.08	38.10	-44.54	-13.00	31.54	Vertical



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Test Band = LTE_2_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3943	46.23	-43.77	29.87	-62.93	-13.00	49.93	Horizontal
2	5461.5	45.51	-41.67	32.25	-59.17	-13.00	46.17	Horizontal
3	7484.5	44.94	-37.97	36.87	-51.42	-13.00	38.42	Horizontal
4	10545	42.75	-34.66	39.08	-48.09	-13.00	35.09	Horizontal
5	13438	42.55	-32.89	39.71	-45.89	-13.00	32.89	Horizontal
6	16100	40.34	-28.03	38.10	-44.85	-13.00	31.85	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742	50.70	-43.91	29.55	-58.92	-13.00	45.92	Vertical
2	5156.5	45.92	-42.16	31.81	-59.69	-13.00	46.69	Vertical
3	7484.5	53.27	-37.97	36.87	-43.09	-13.00	30.09	Vertical
4	11034	42.53	-34.14	40.13	-46.74	-13.00	33.74	Vertical
5	14801.5	41.14	-32.49	41.59	-45.02	-13.00	32.02	Vertical
6	17985.5	40.27	-39.76	47.94	-46.81	-13.00	33.81	Vertical



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Test Band = LTE_2_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782	47.44	-43.85	29.73	-61.94	-13.00	48.94	Horizontal
2	5398.5	45.78	-41.82	32.49	-58.81	-13.00	45.81	Horizontal
3	7173	44.13	-38.17	36.49	-52.81	-13.00	39.81	Horizontal
4	11434	43.77	-34.83	40.27	-46.05	-13.00	33.05	Horizontal
5	14798.5	41.64	-32.56	41.60	-44.58	-13.00	31.58	Horizontal
6	17992	40.45	-39.76	48.06	-46.51	-13.00	33.51	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782	53.75	-43.85	29.73	-55.63	-13.00	42.63	Vertical
2	5395.5	45.53	-41.82	32.47	-59.08	-13.00	46.08	Vertical
3	7564.5	48.93	-38.06	36.52	-47.87	-13.00	34.87	Vertical
4	11002	42.43	-33.82	40.10	-46.55	-13.00	33.55	Vertical
5	14818.5	41.50	-32.64	41.49	-44.91	-13.00	31.91	Vertical
6	17988.5	40.12	-39.76	47.99	-46.91	-13.00	33.91	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 Band2_OBW

4.1.1 Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.121	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.119	/	Pass
	16QAM	1850.7	6	0	1.130	/	Pass
		1880	6	0	1.124	/	Pass
		1909.3	6	0	1.123	/	Pass
	64QAM	1850.7	6	0	1.128	/	Pass
		1880	6	0	1.119	/	Pass
		1909.3	6	0	1.119	/	Pass
	256QAM	1850.7	6	0	1.124	/	Pass
		1880	6	0	1.120	/	Pass
		1909.3	6	0	1.120	/	Pass
3	QPSK	1851.5	15	0	2.737	/	Pass
		1880	15	0	2.754	/	Pass
		1908.5	15	0	2.757	/	Pass
	16QAM	1851.5	15	0	2.746	/	Pass
		1880	15	0	2.740	/	Pass
		1908.5	15	0	2.743	/	Pass
	64QAM	1851.5	15	0	2.759	/	Pass
		1880	15	0	2.743	/	Pass
		1908.5	15	0	2.746	/	Pass
	256QAM	1851.5	15	0	2.753	/	Pass
		1880	15	0	2.742	/	Pass
		1908.5	15	0	2.744	/	Pass
5	QPSK	1852.5	25	0	4.570	/	Pass
		1880	25	0	4.563	/	Pass
		1907.5	25	0	4.572	/	Pass
	16QAM	1852.5	25	0	4.577	/	Pass
		1880	25	0	4.585	/	Pass
		1907.5	25	0	4.562	/	Pass
	64QAM	1852.5	25	0	4.571	/	Pass
		1880	25	0	4.551	/	Pass
		1907.5	25	0	4.574	/	Pass
	256QAM	1852.5	25	0	4.559	/	Pass
		1880	25	0	4.569	/	Pass
		1907.5	25	0	4.562	/	Pass
10	QPSK	1855	50	0	9.113	/	Pass
		1880	50	0	9.093	/	Pass
		1905	50	0	9.115	/	Pass



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	16QAM	1855	50	0	9.076	/	Pass
		1880	50	0	9.114	/	Pass
		1905	50	0	9.115	/	Pass
	64QAM	1855	50	0	9.087	/	Pass
		1880	50	0	9.090	/	Pass
		1905	50	0	9.101	/	Pass
	256QAM	1855	50	0	9.072	/	Pass
		1880	50	0	9.063	/	Pass
		1905	50	0	9.094	/	Pass
15	QPSK	1857.5	75	0	13.620	/	Pass
		1880	75	0	13.606	/	Pass
		1902.5	75	0	13.635	/	Pass
	16QAM	1857.5	75	0	13.646	/	Pass
		1880	75	0	13.667	/	Pass
		1902.5	75	0	13.645	/	Pass
	64QAM	1857.5	75	0	13.593	/	Pass
		1880	75	0	13.615	/	Pass
		1902.5	75	0	13.674	/	Pass
	256QAM	1857.5	75	0	13.612	/	Pass
		1880	75	0	13.618	/	Pass
		1902.5	75	0	13.612	/	Pass
20	QPSK	1860	100	0	18.123	/	Pass
		1880	100	0	18.120	/	Pass
		1900	100	0	18.193	/	Pass
	16QAM	1860	100	0	18.088	/	Pass
		1880	100	0	18.113	/	Pass
		1900	100	0	18.204	/	Pass
	64QAM	1860	100	0	18.111	/	Pass
		1880	100	0	18.103	/	Pass
		1900	100	0	18.182	/	Pass
	256QAM	1860	100	0	18.116	/	Pass
		1880	100	0	18.153	/	Pass
		1900	100	0	18.200	/	Pass



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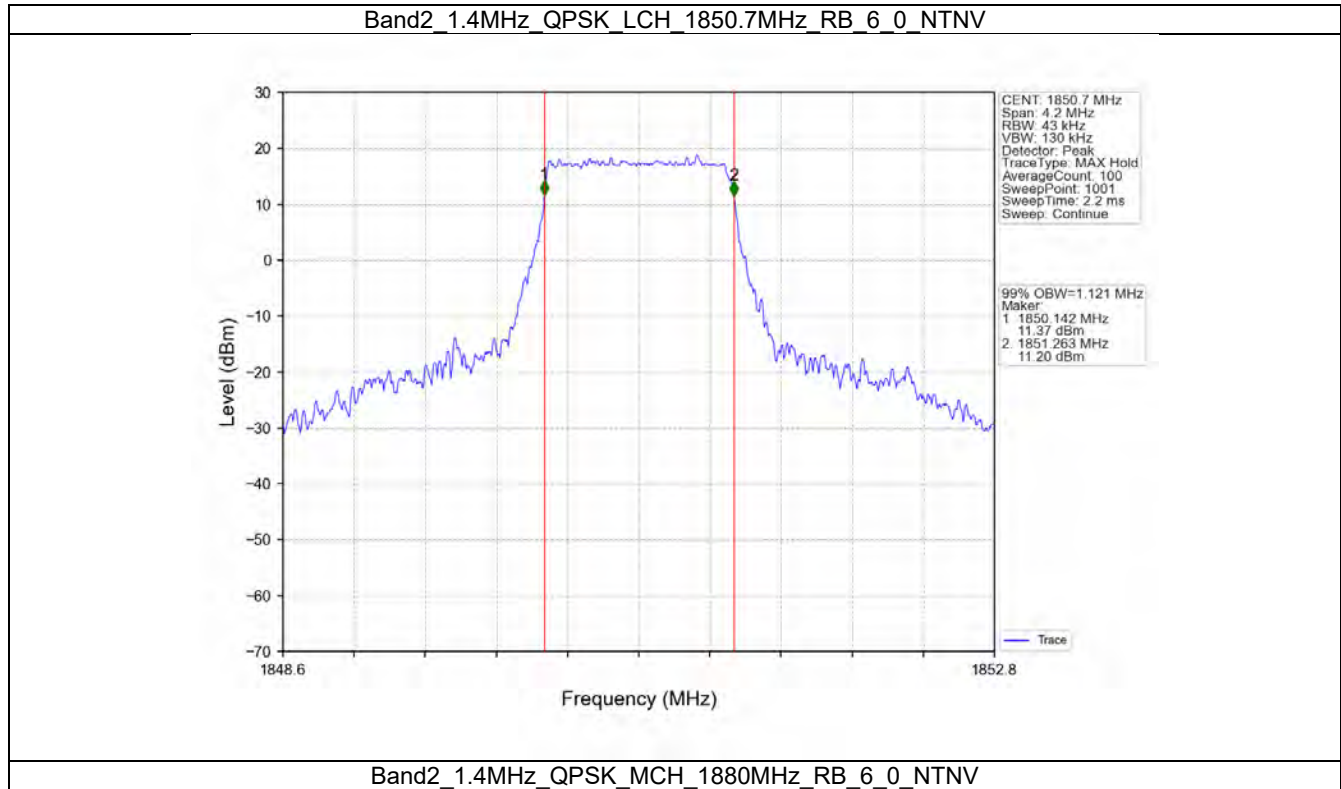
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4.1.2 Test Graph



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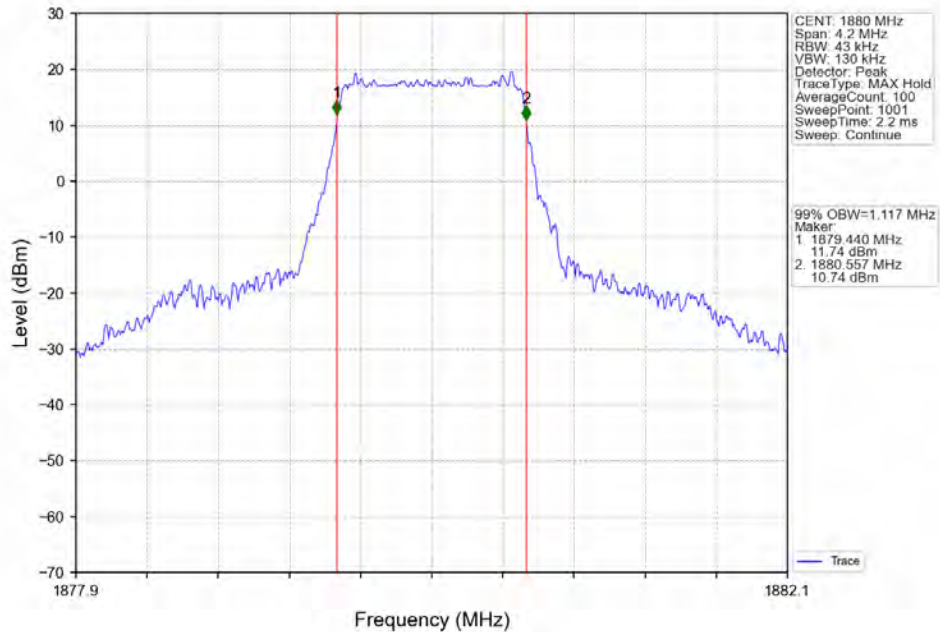
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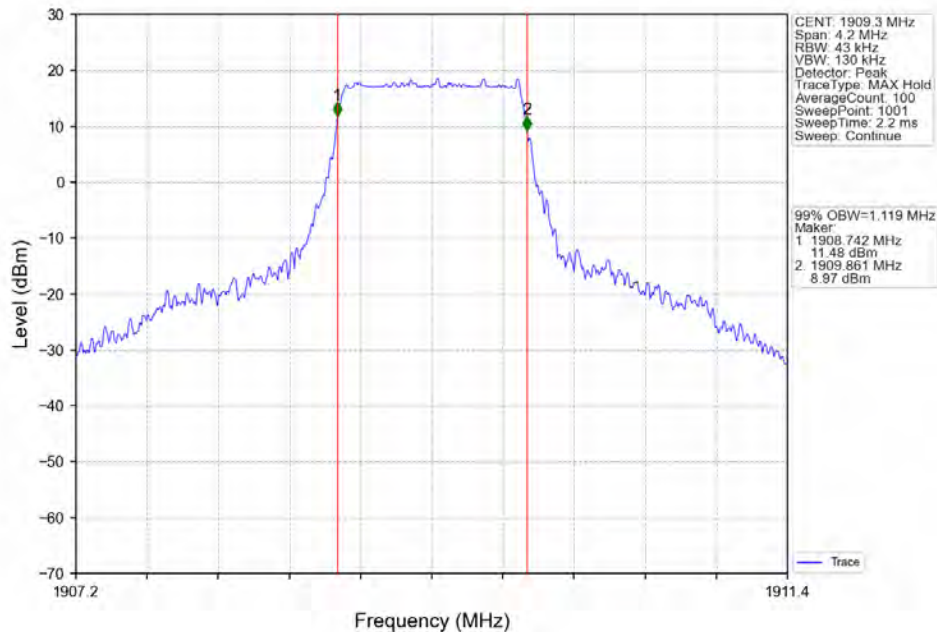
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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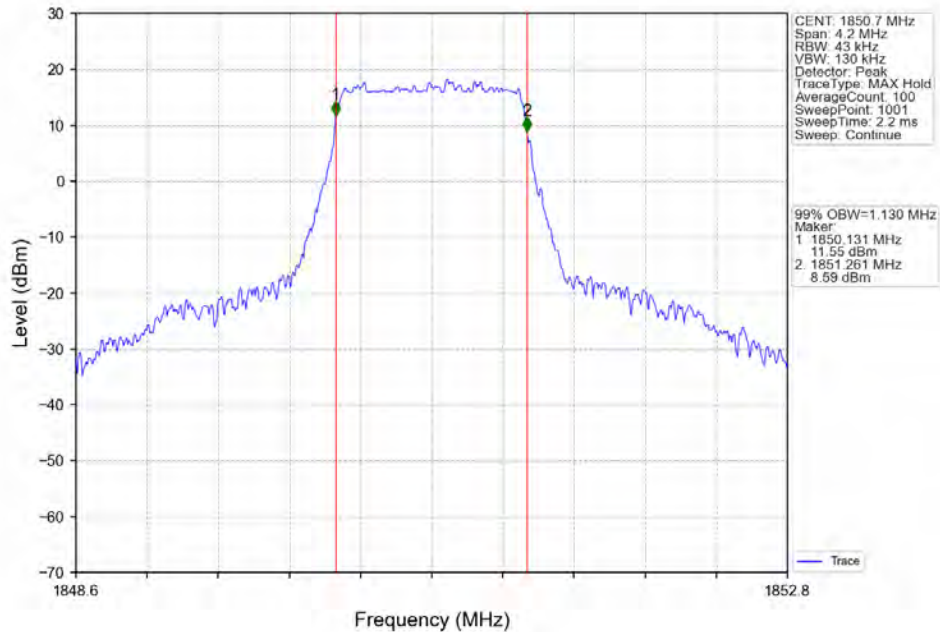
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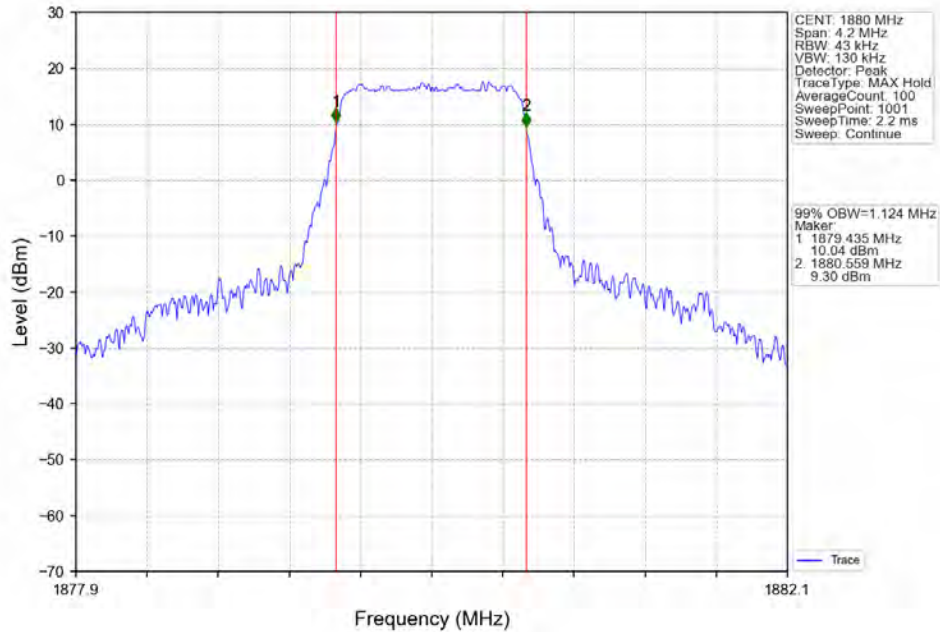
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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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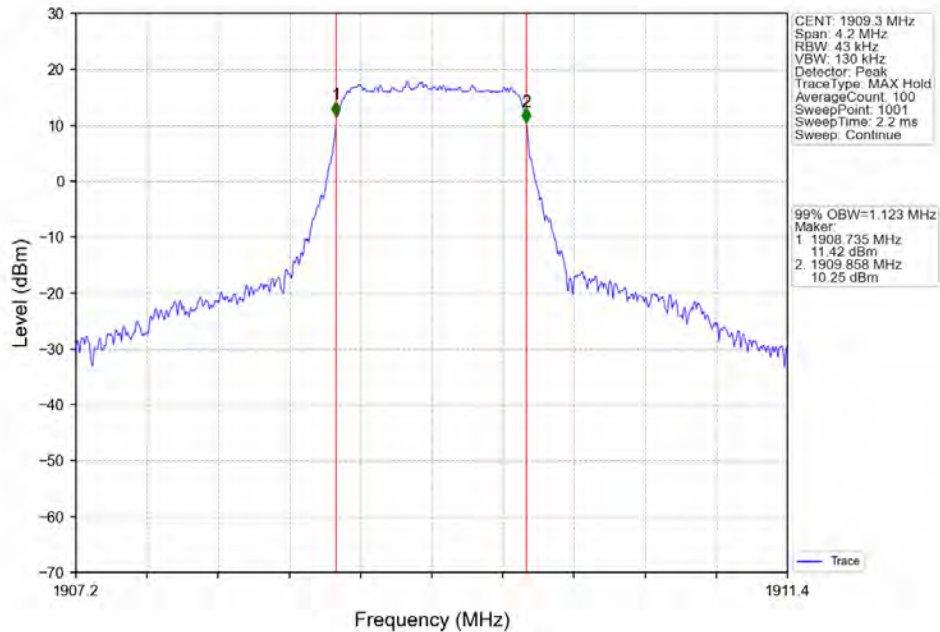
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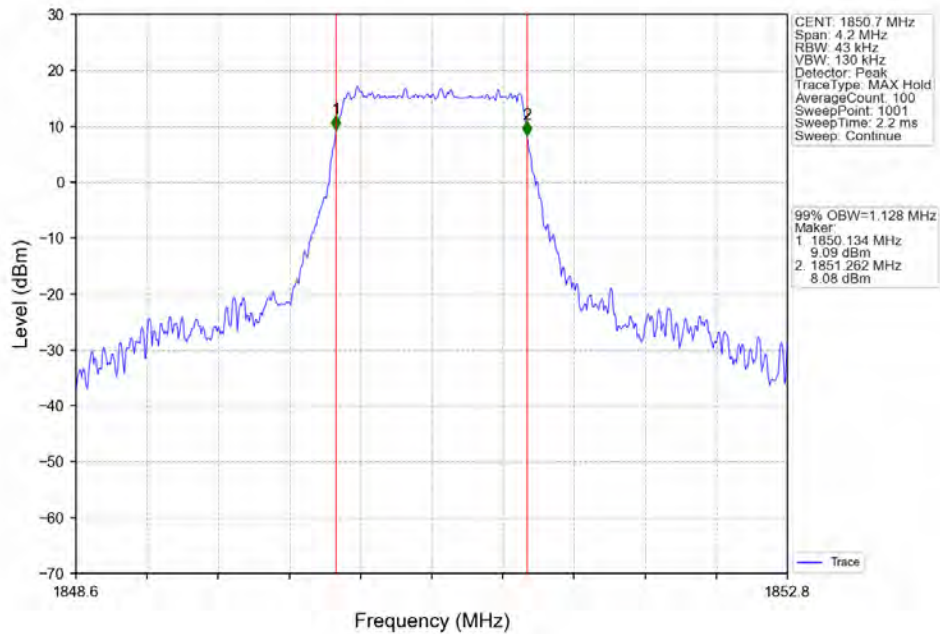
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



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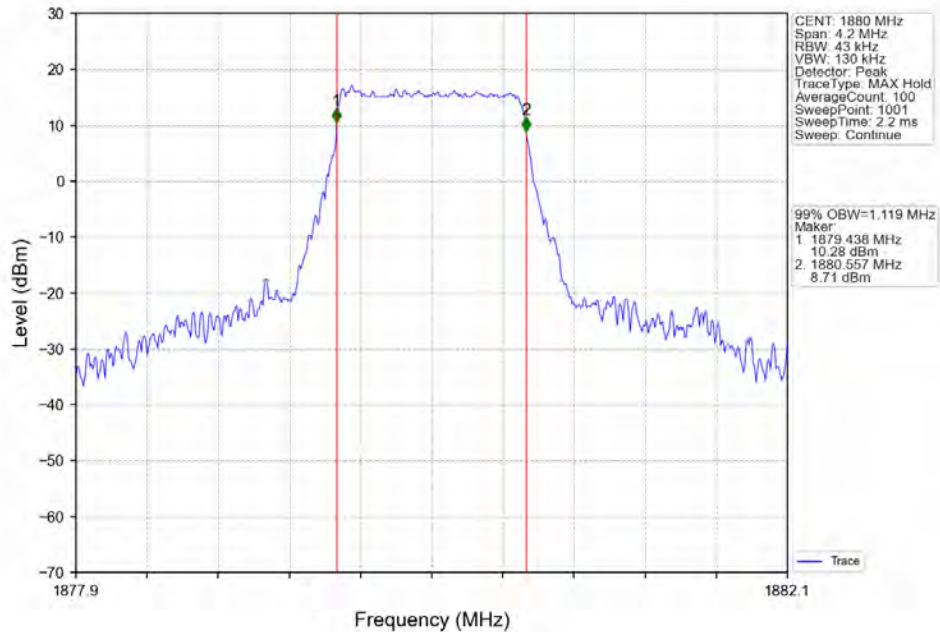
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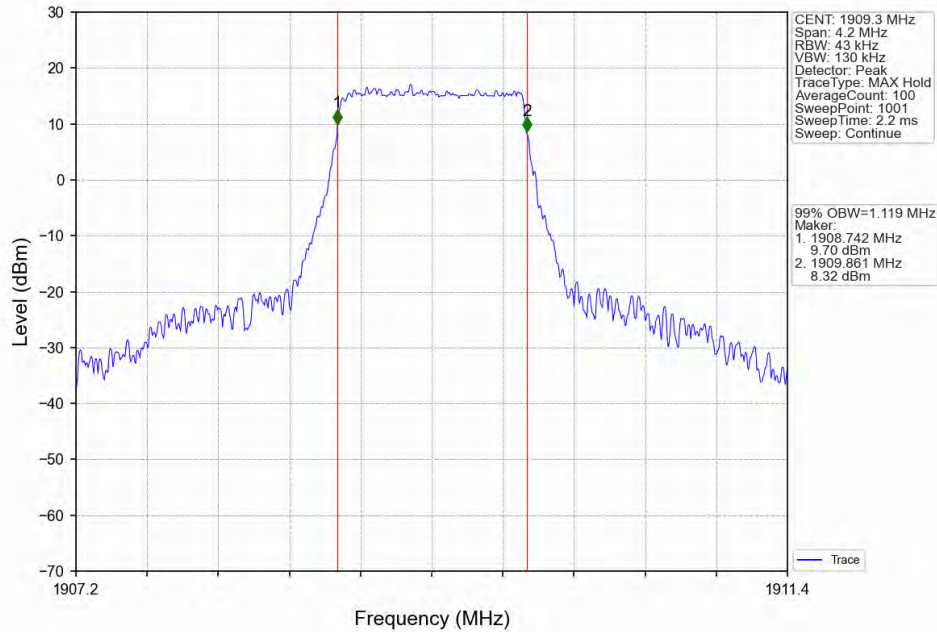
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Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTN



Band2 1.4MHz 256QAM LCH 1850.7MHz RB 6 0 NTN



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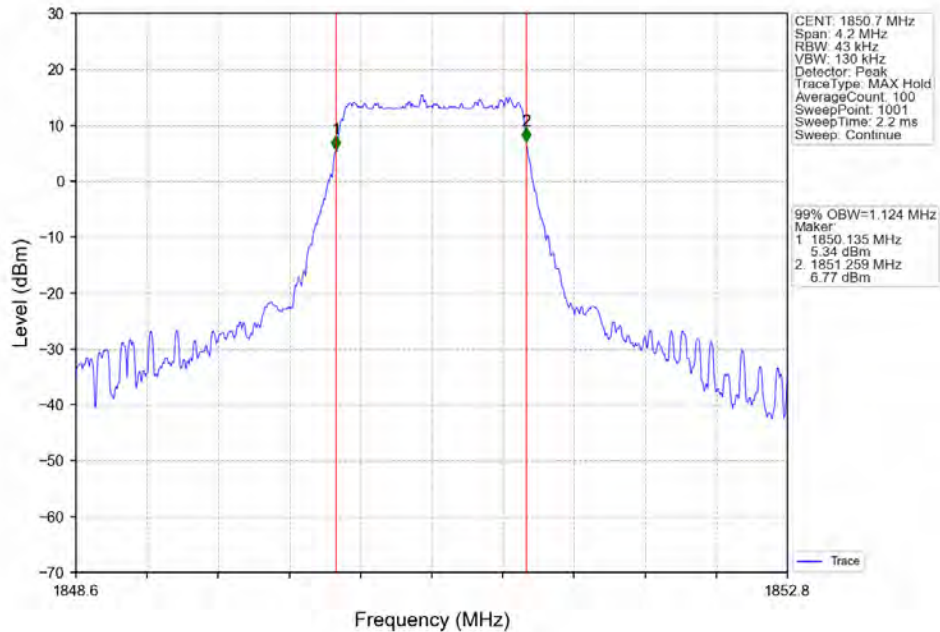
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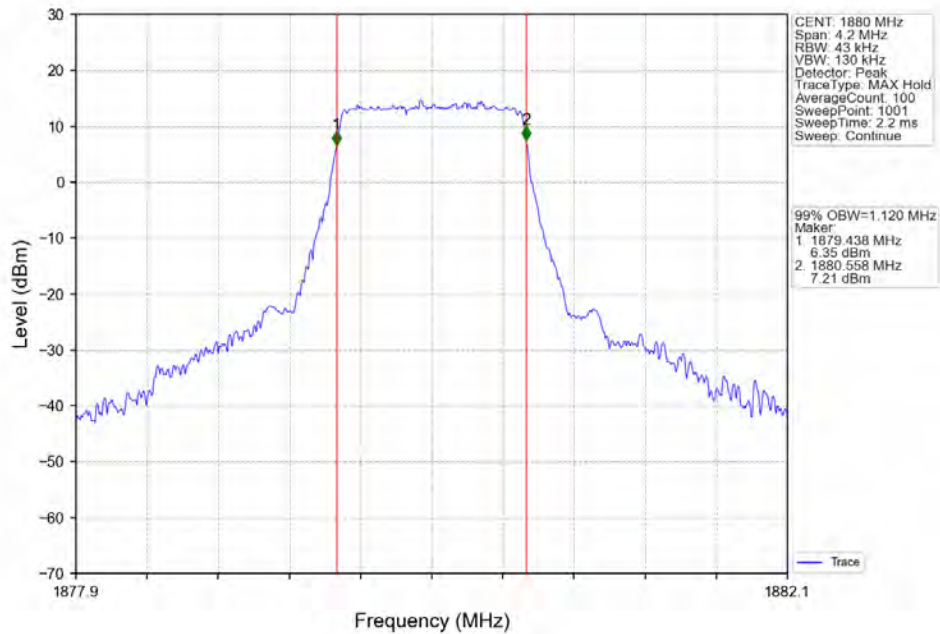
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Band2_1.4MHz_256QAM_HCH_1909.3MHz_RB_6_0_NTNV



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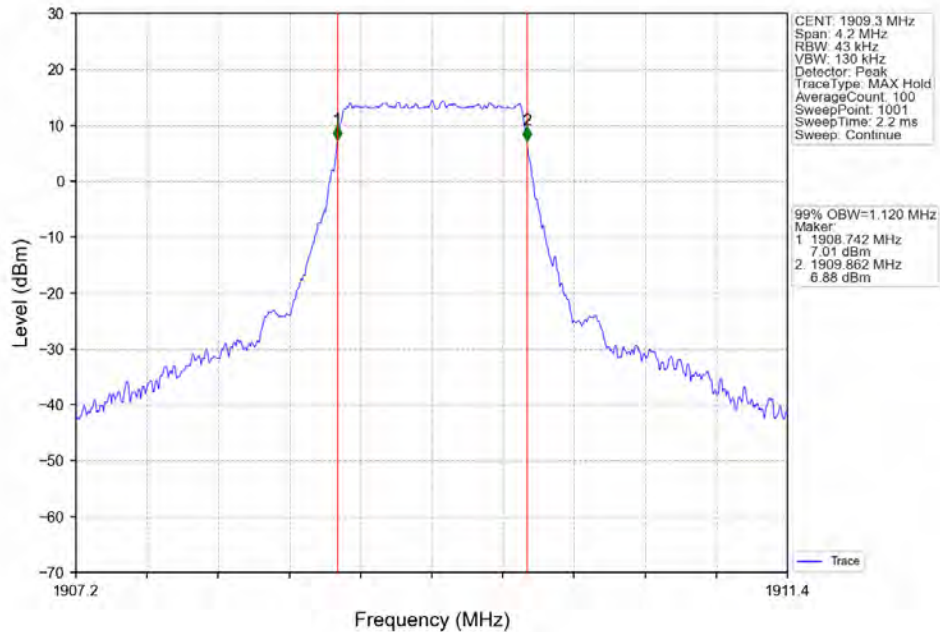
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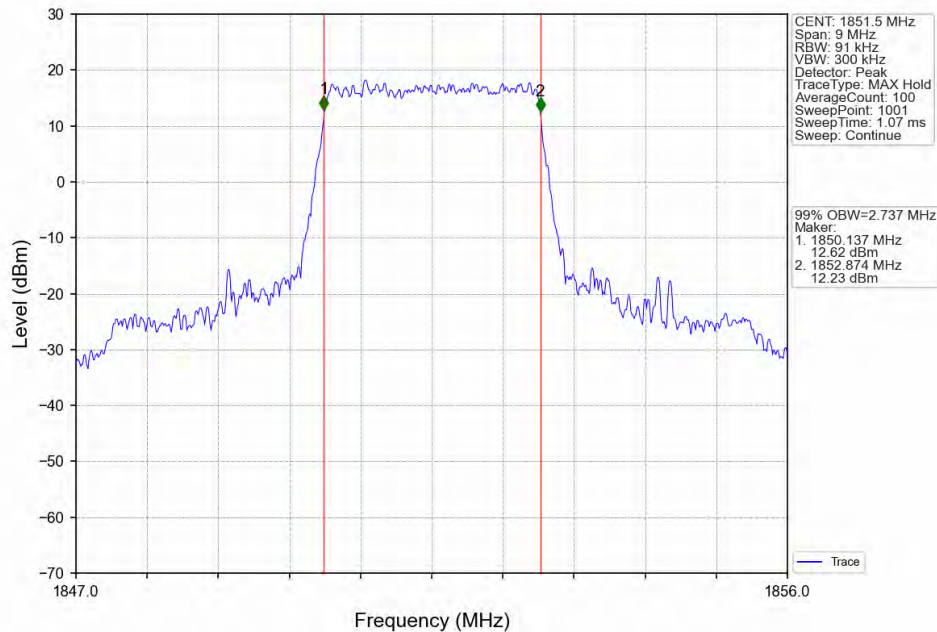
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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



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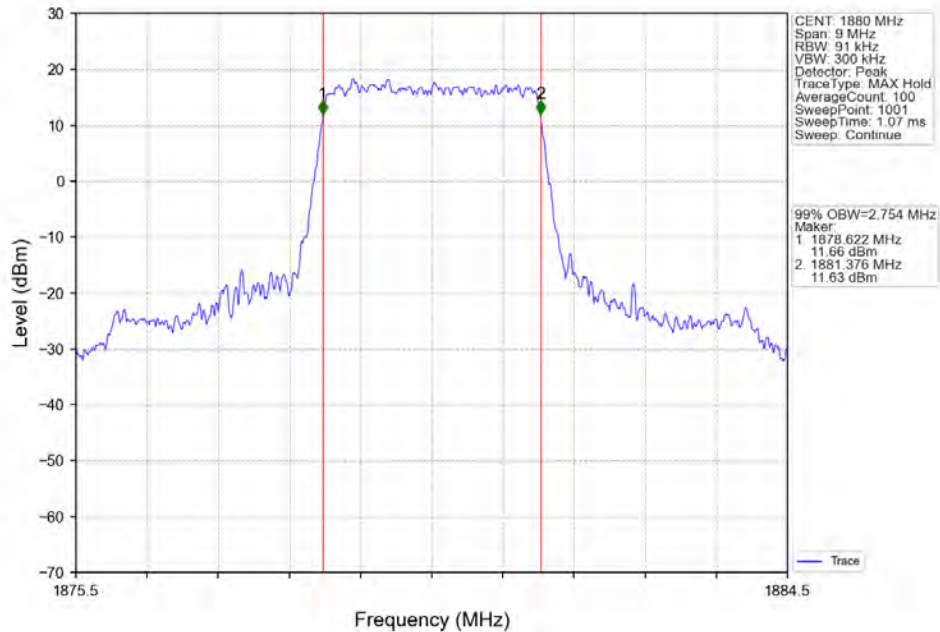
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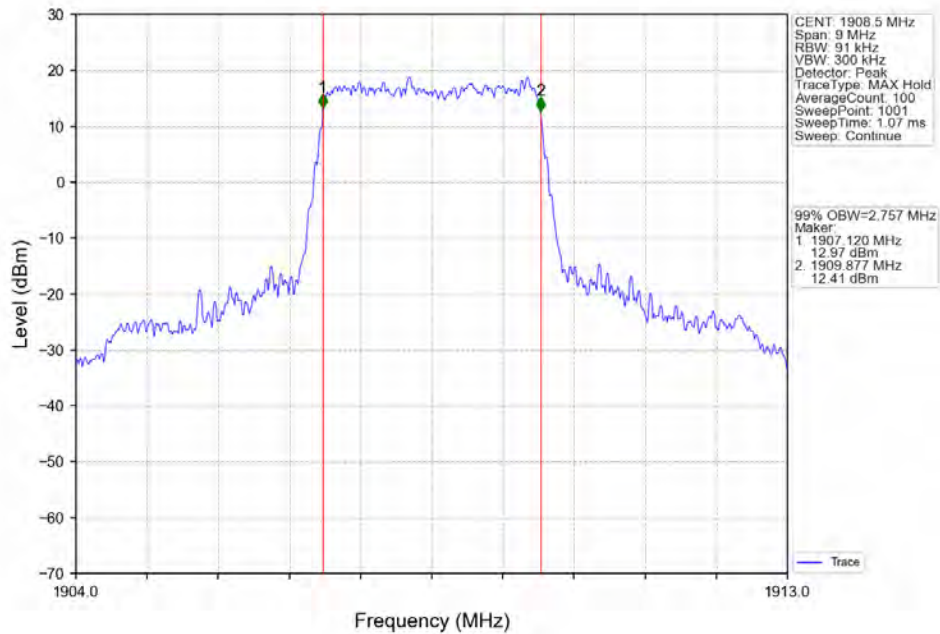
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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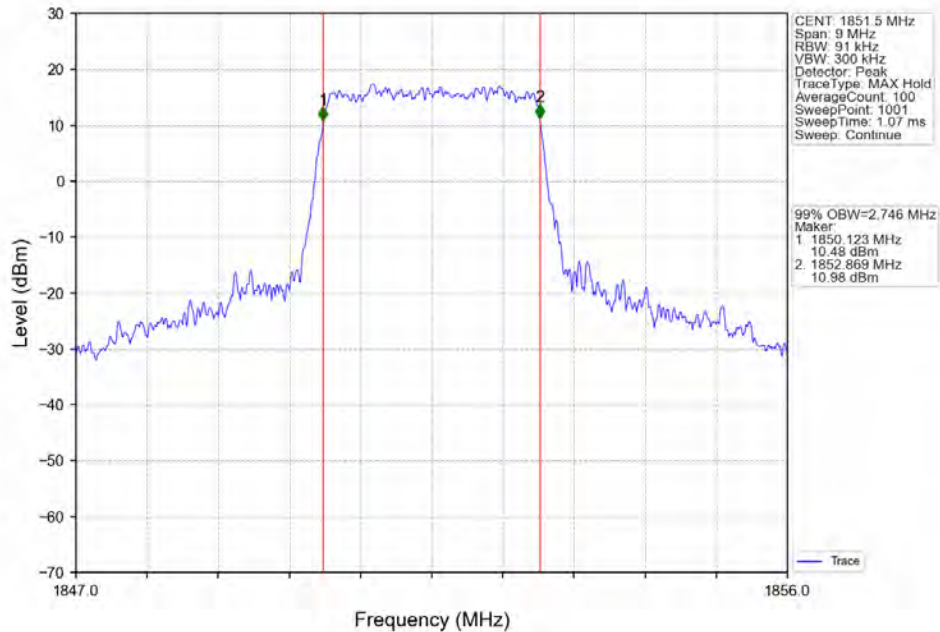
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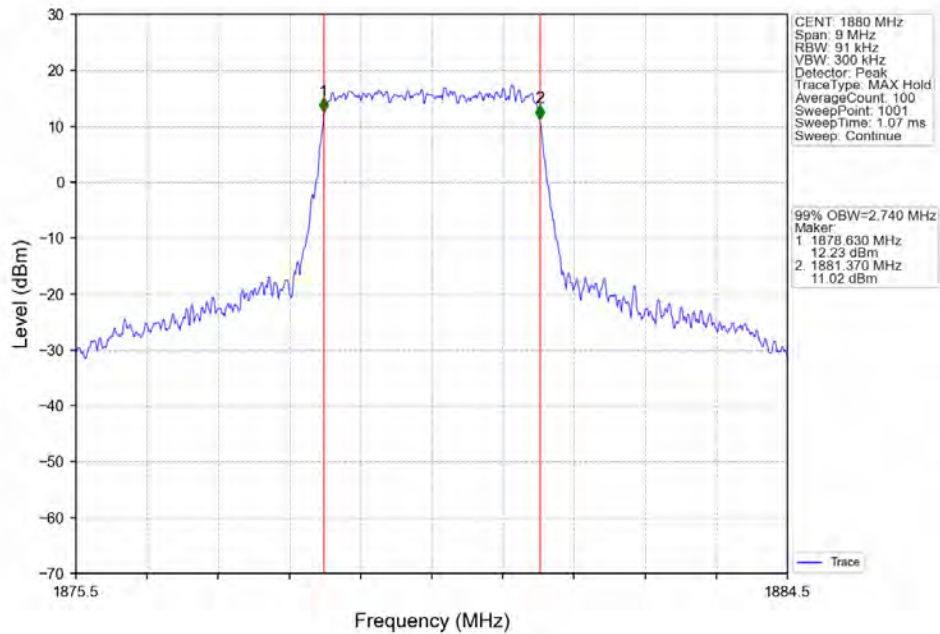
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



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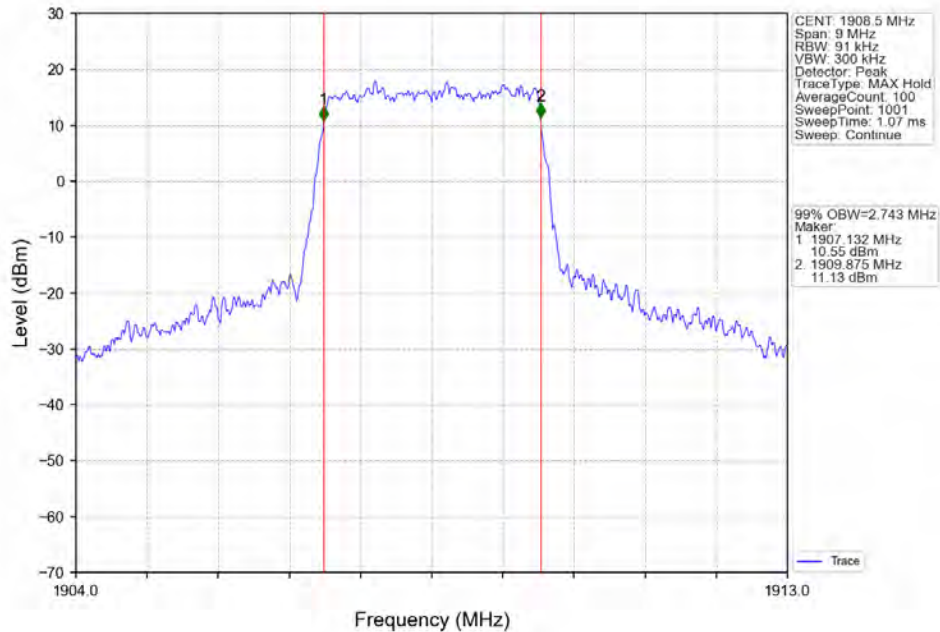
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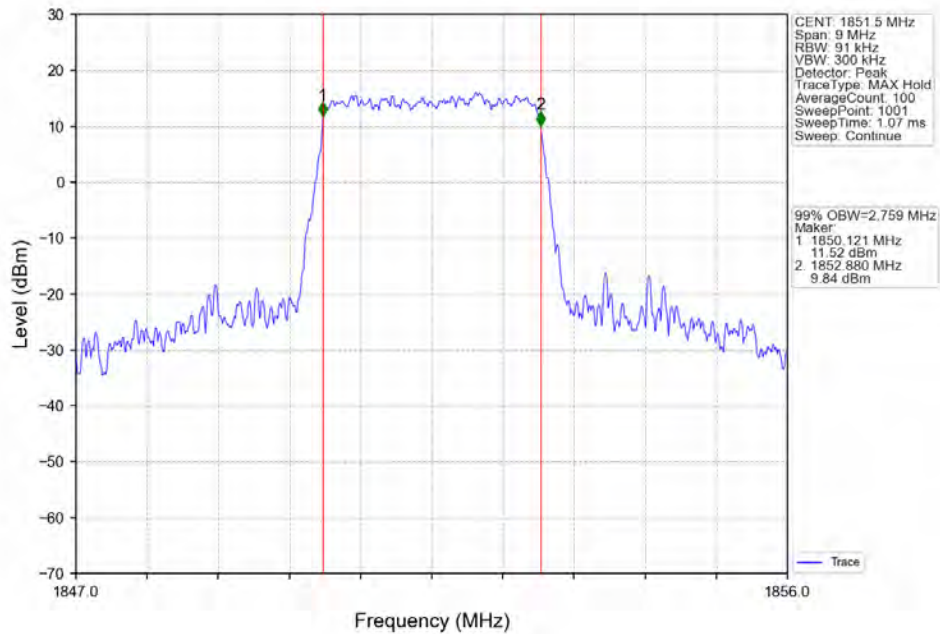
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



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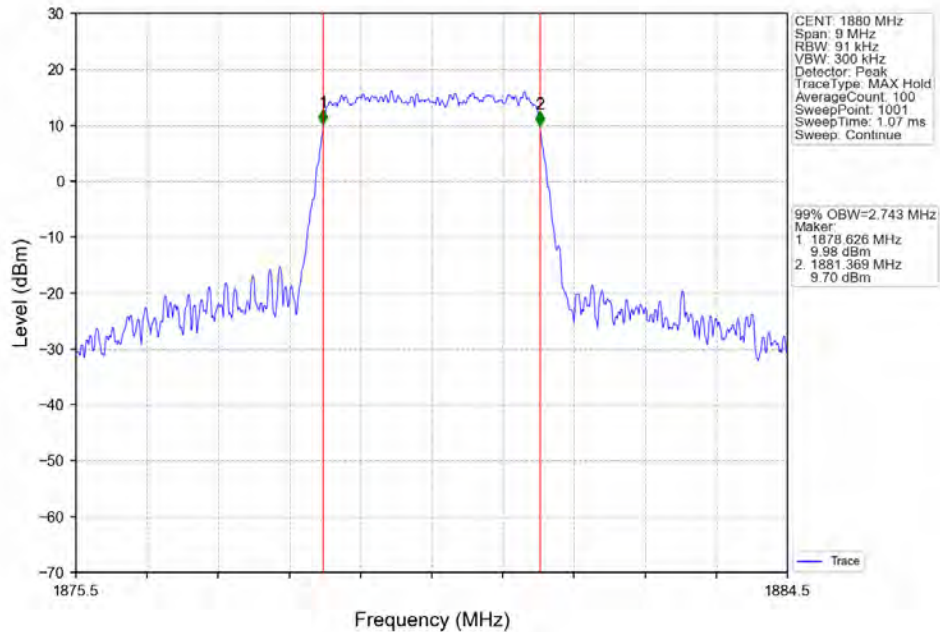
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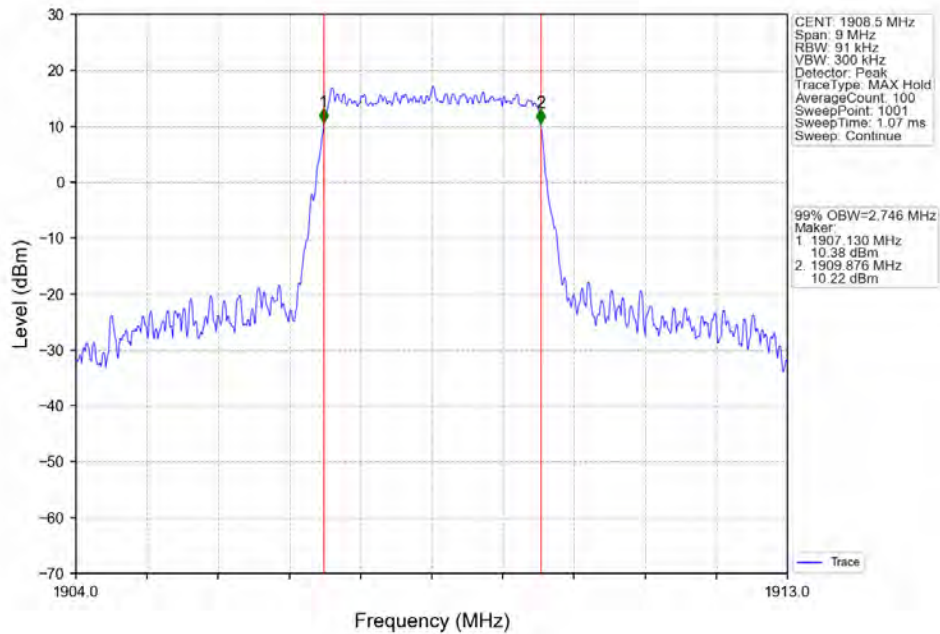
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Band2_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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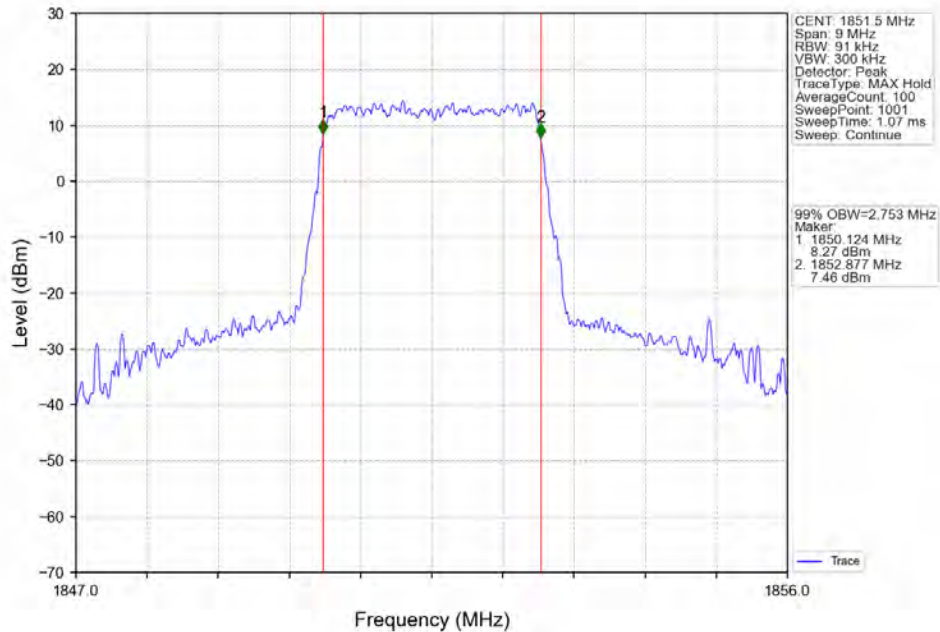
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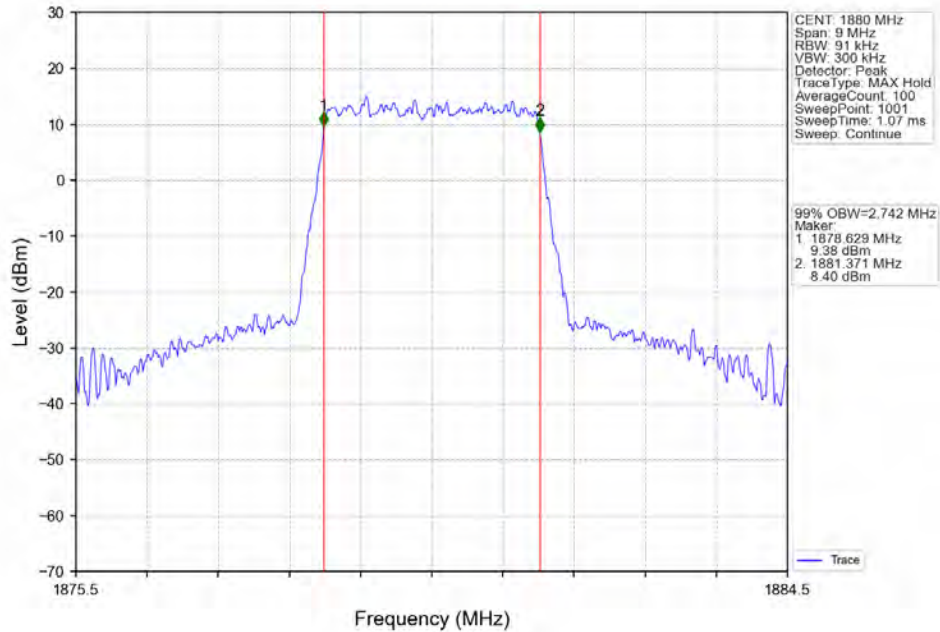
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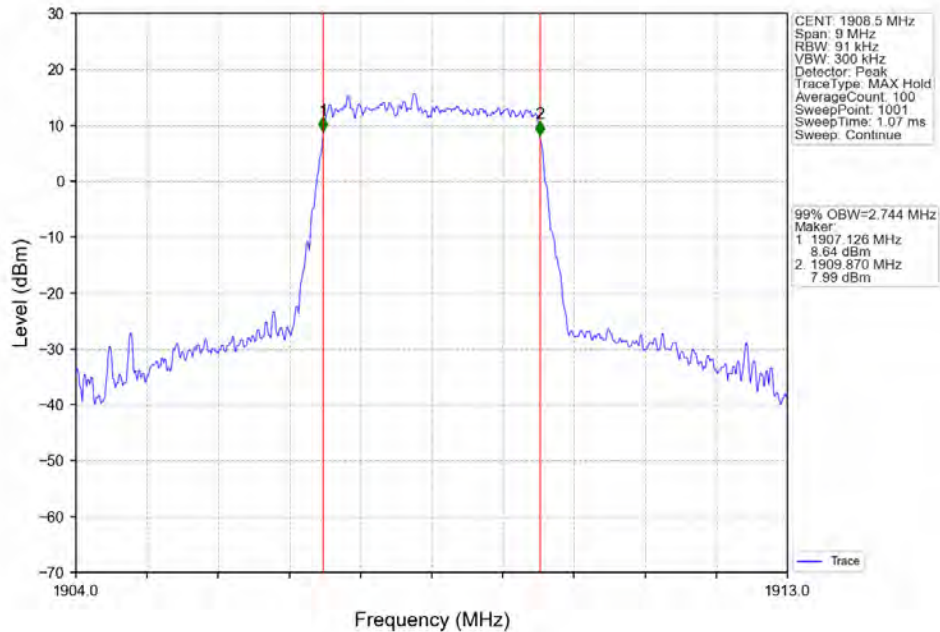
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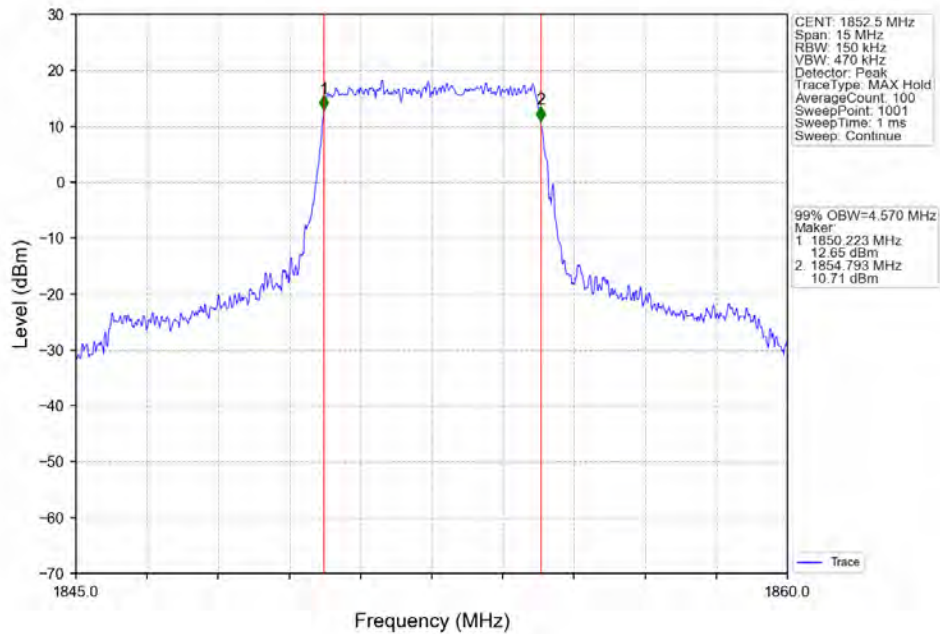
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Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



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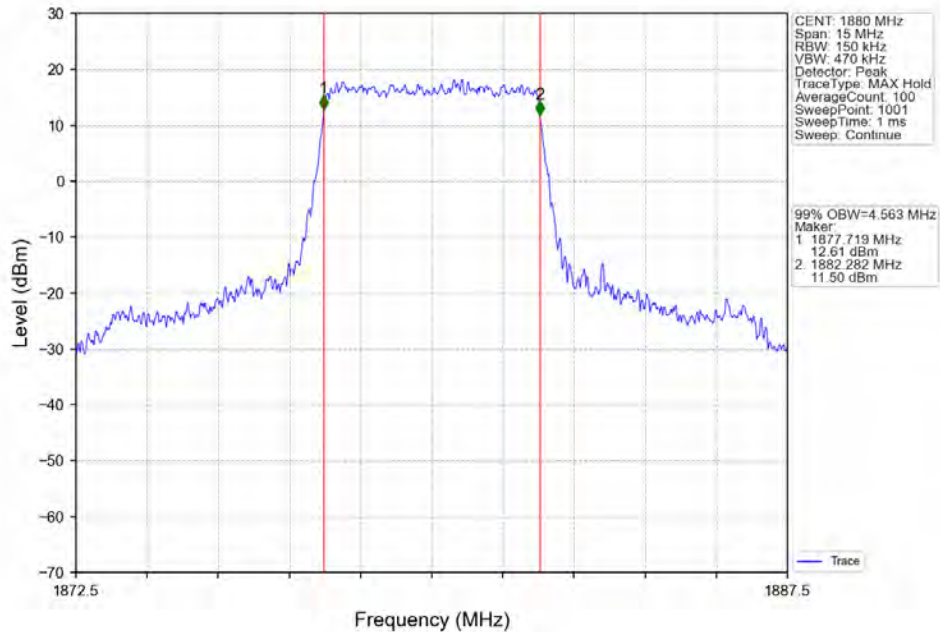
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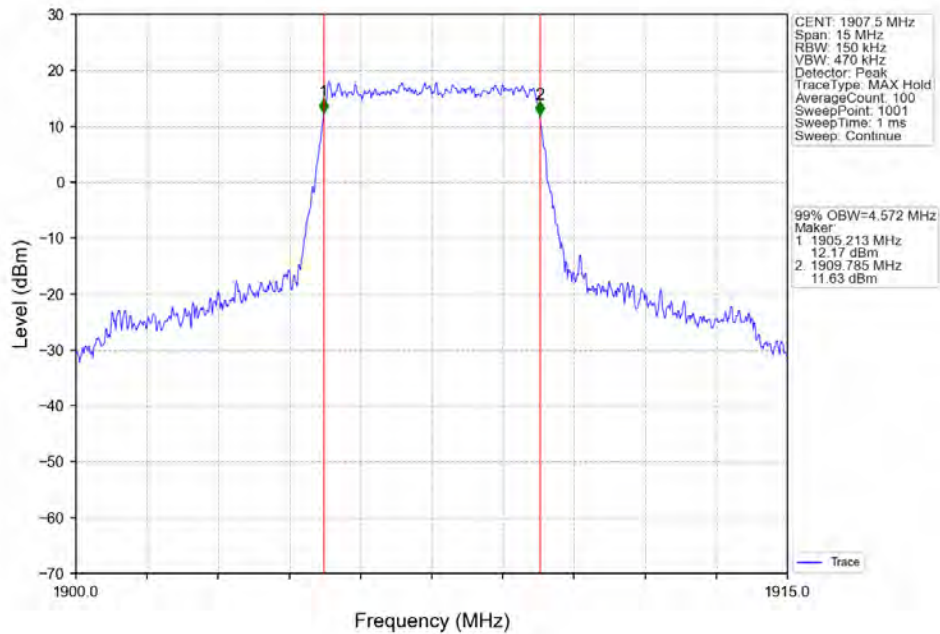
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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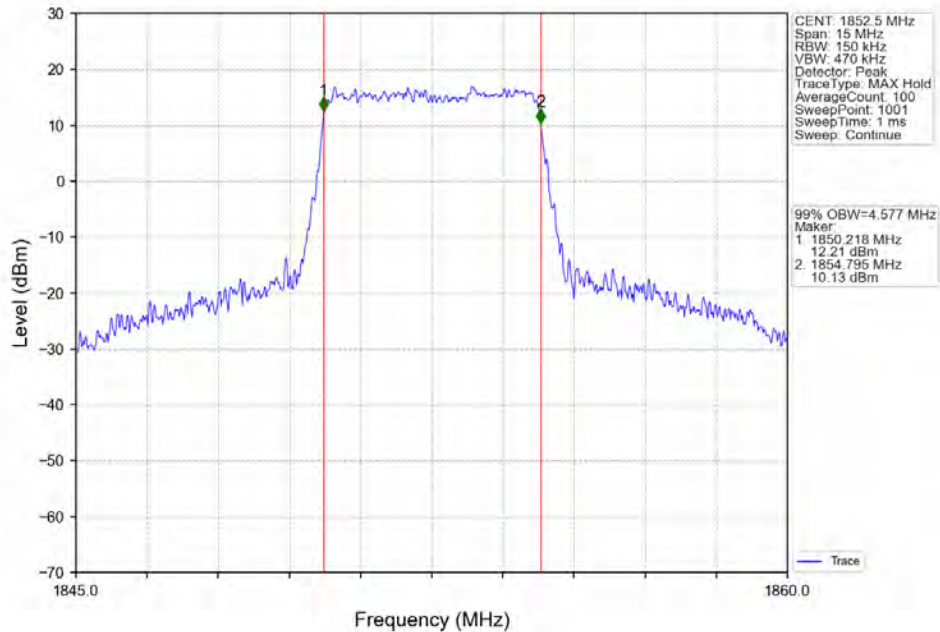
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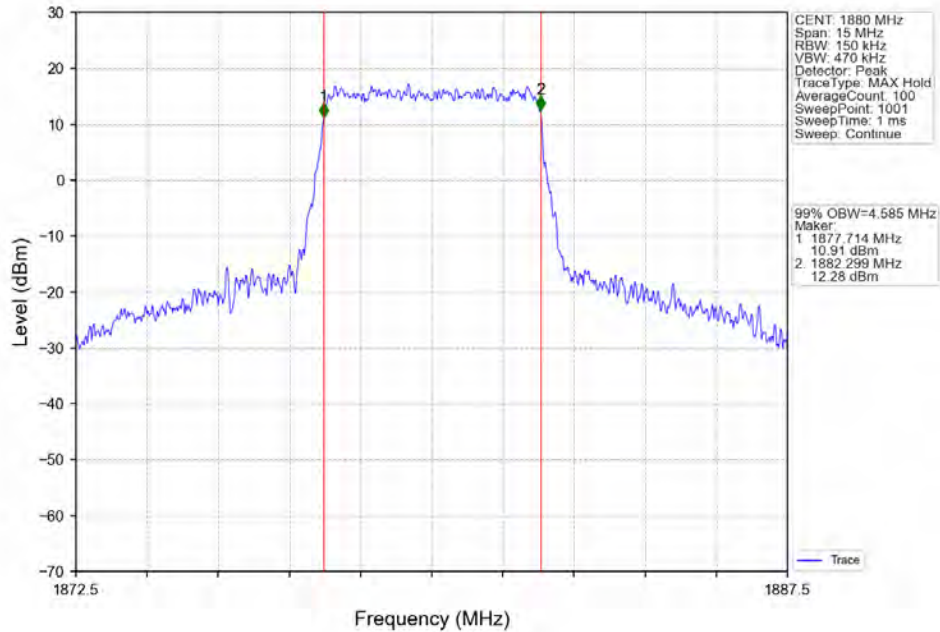
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



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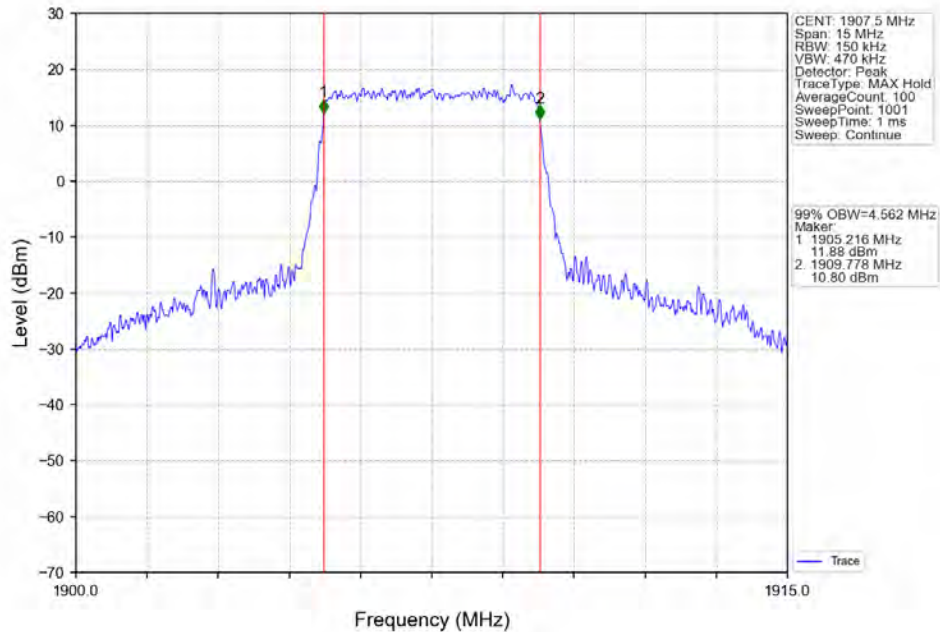
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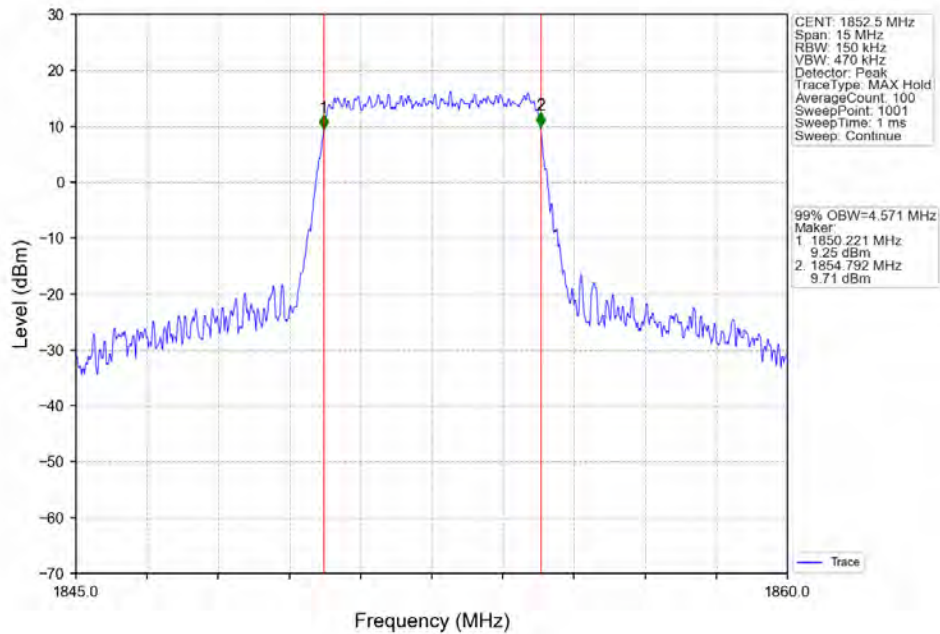
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Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



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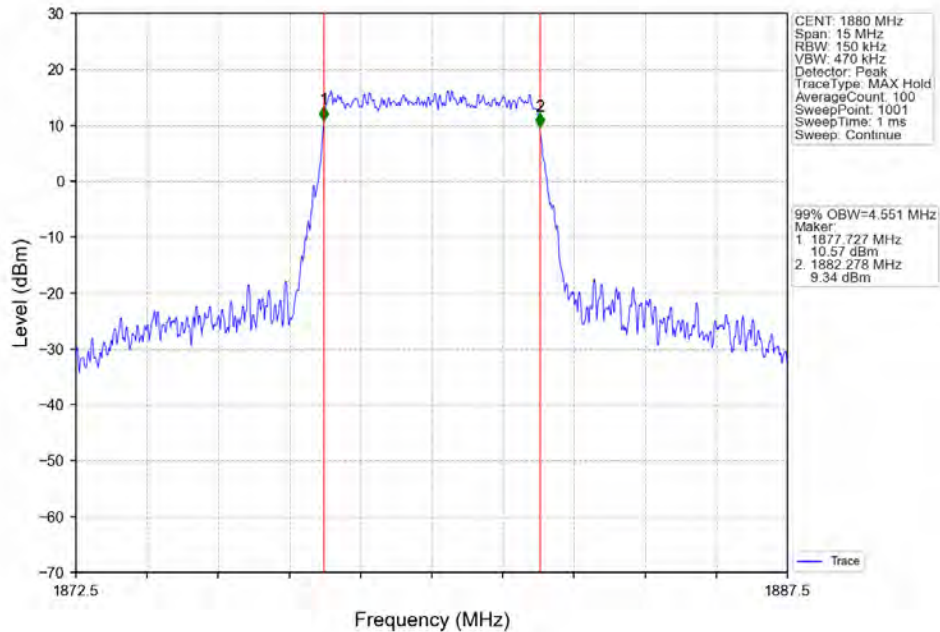
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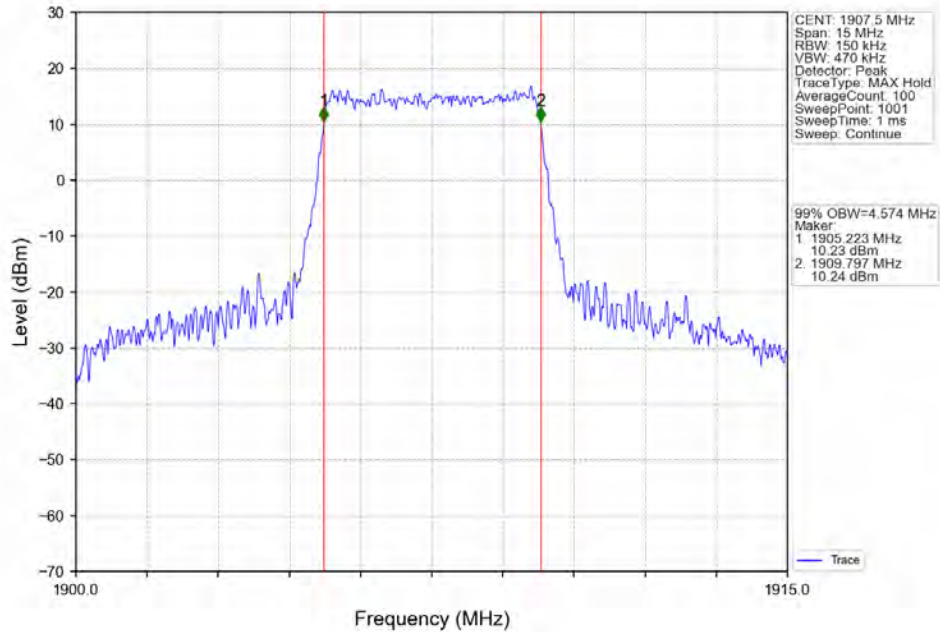
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Band2_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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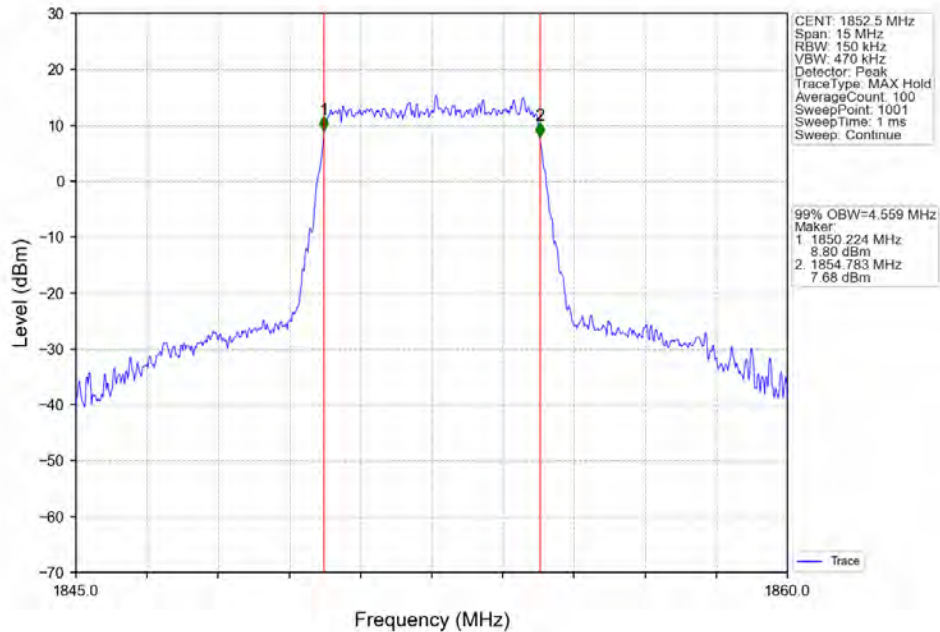
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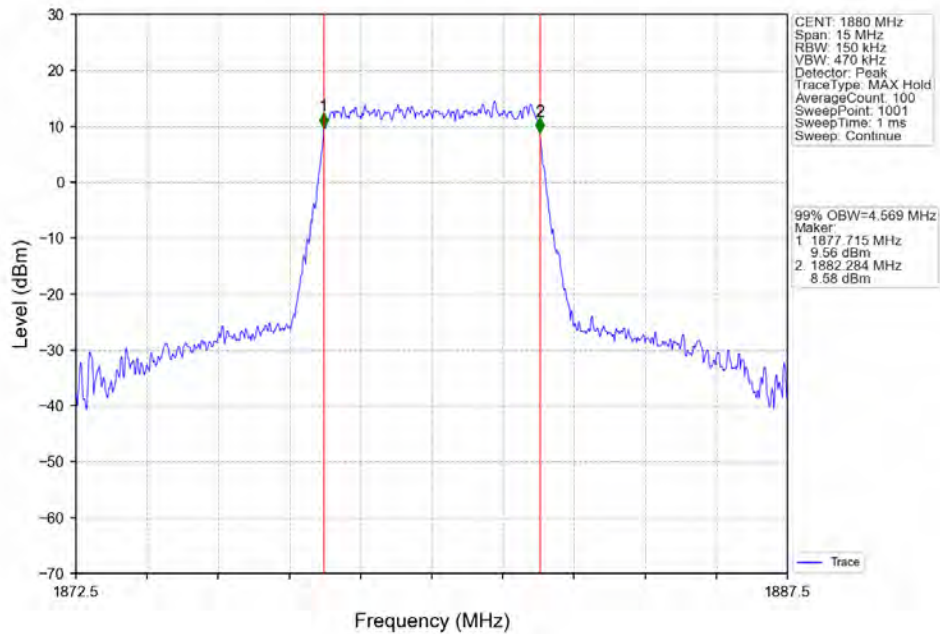
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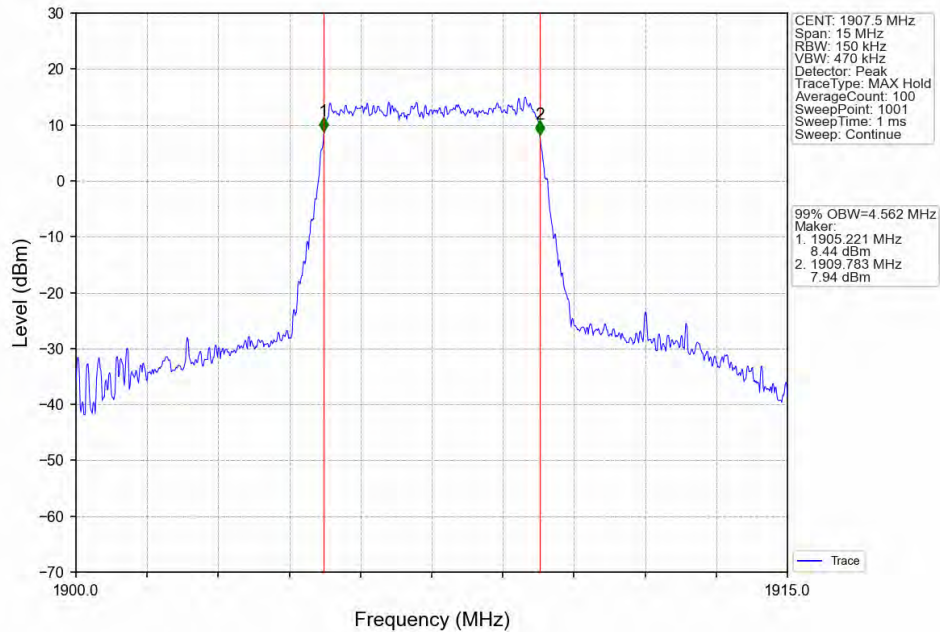
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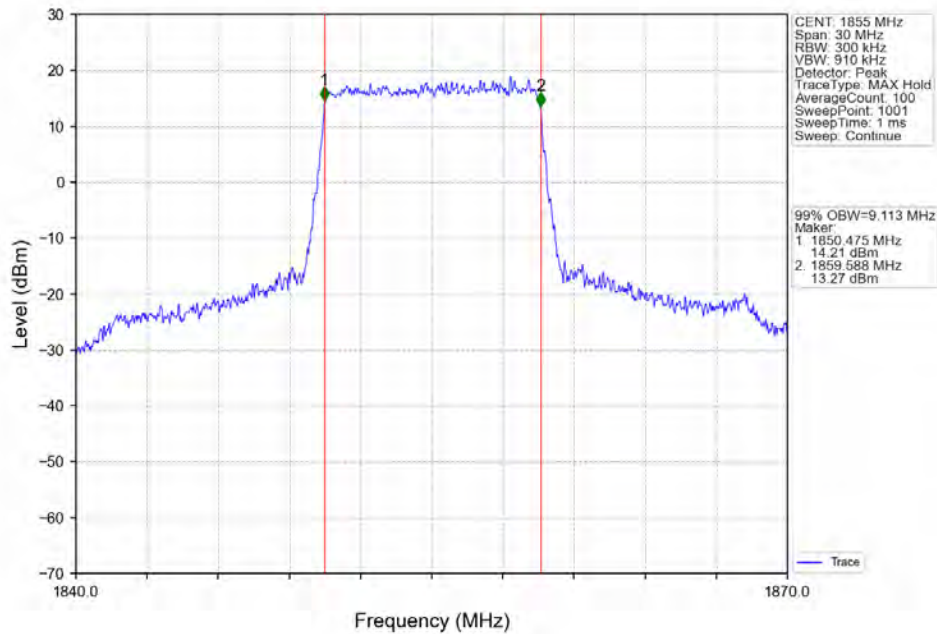
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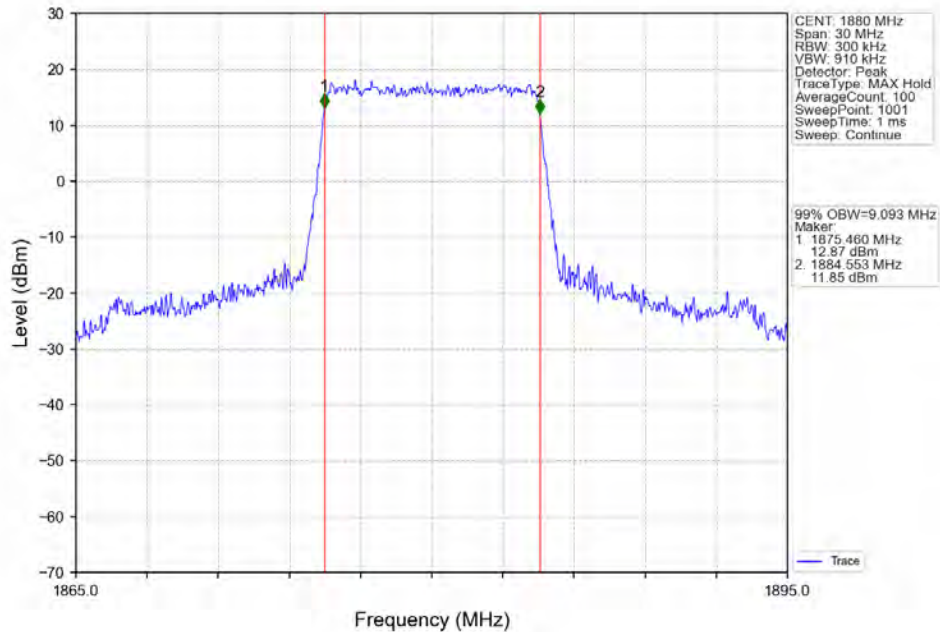
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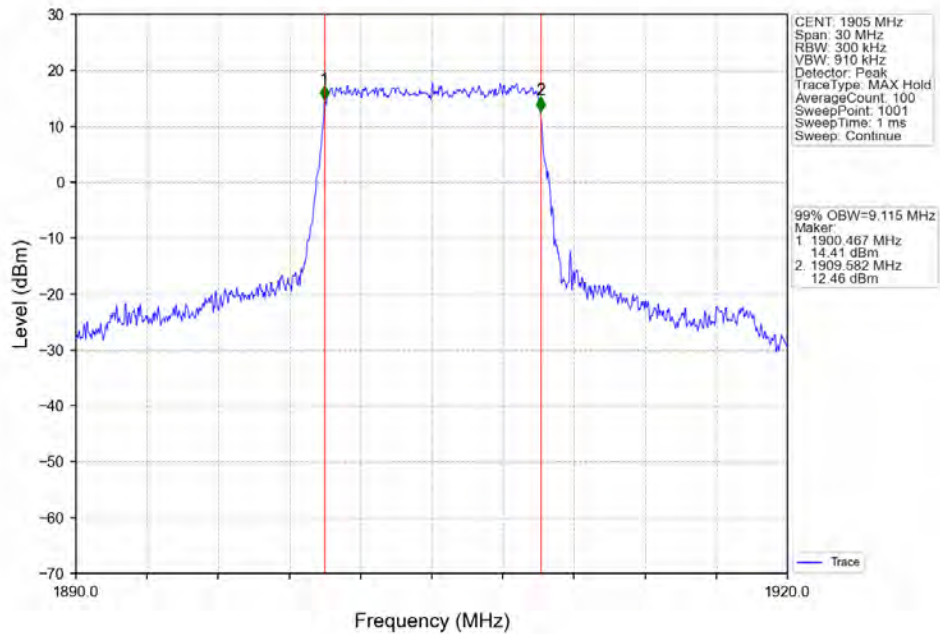
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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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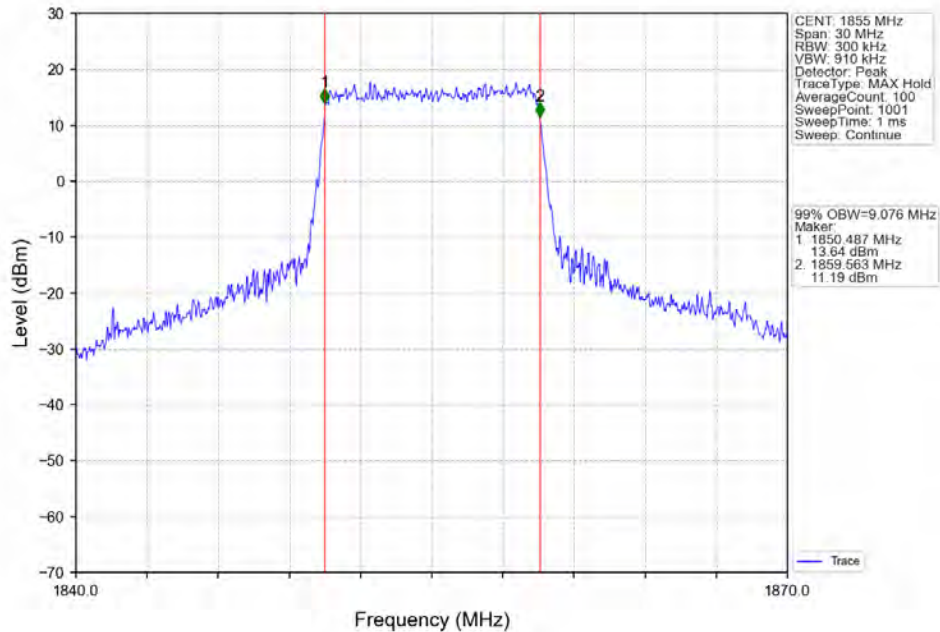
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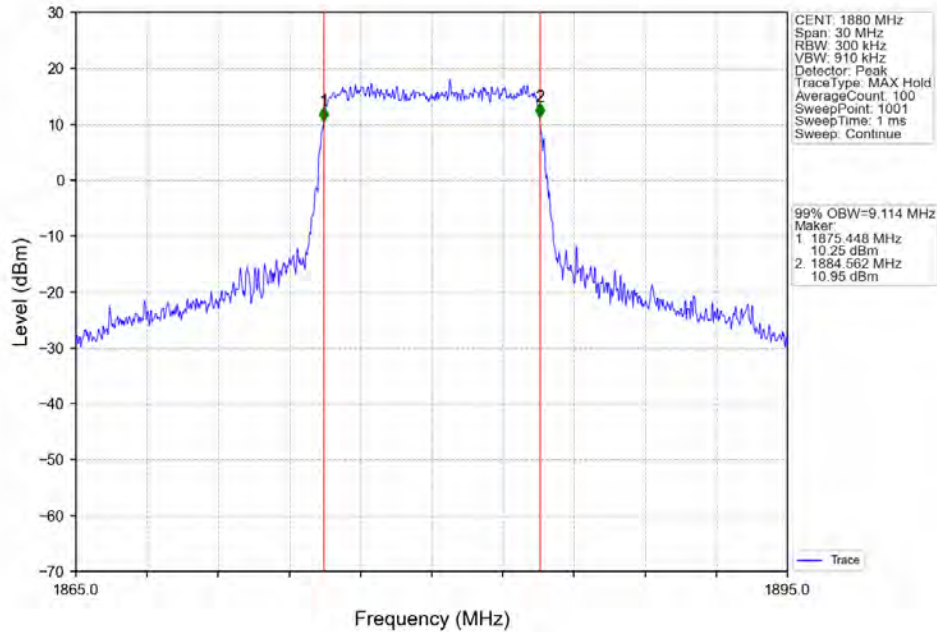
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Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



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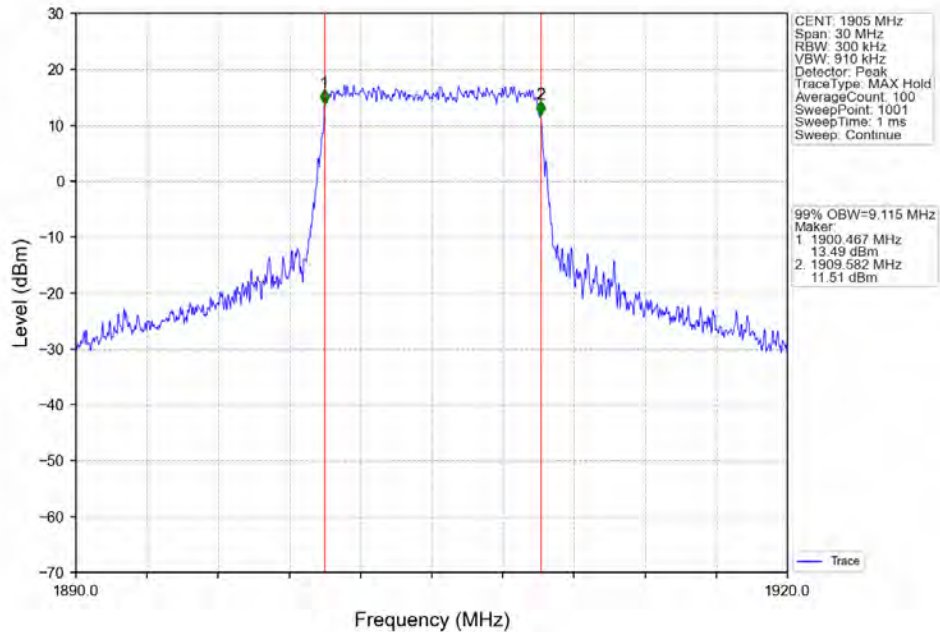
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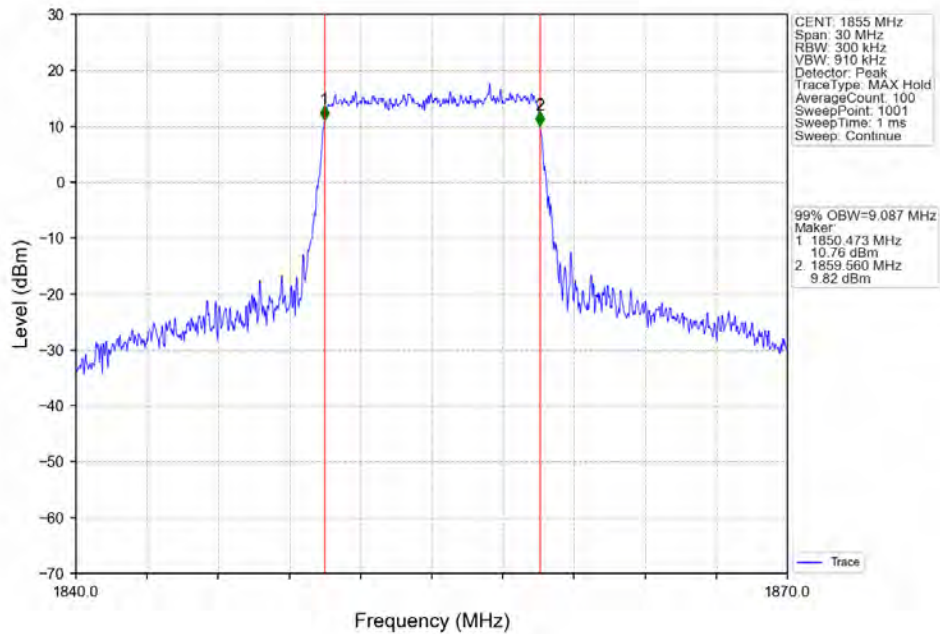
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Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



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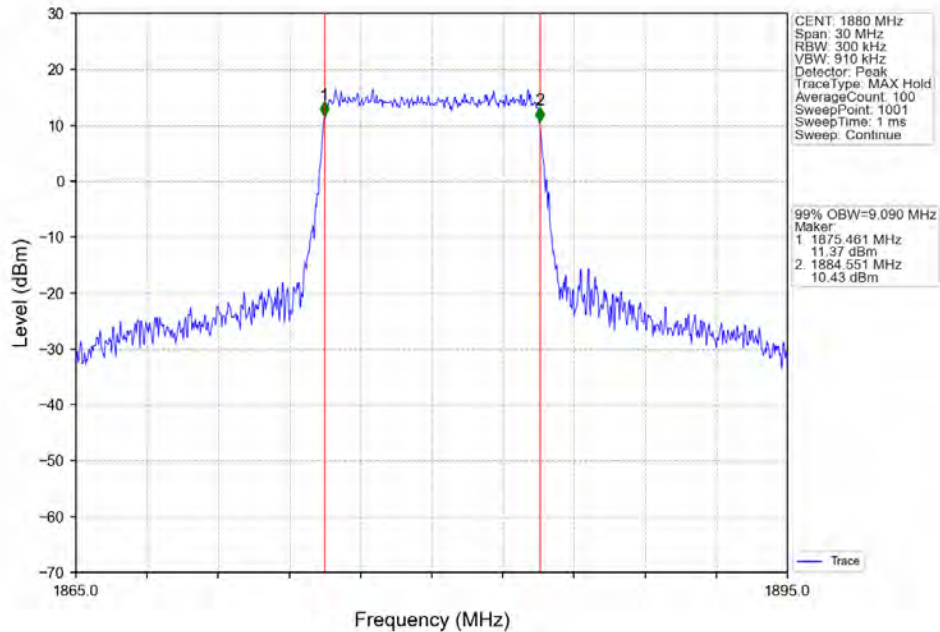
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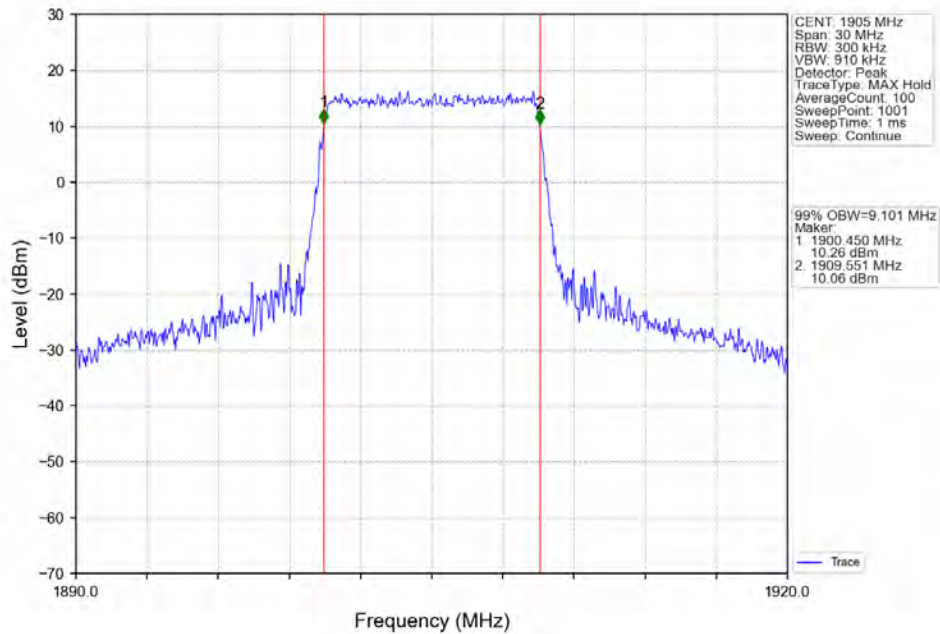
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Band2_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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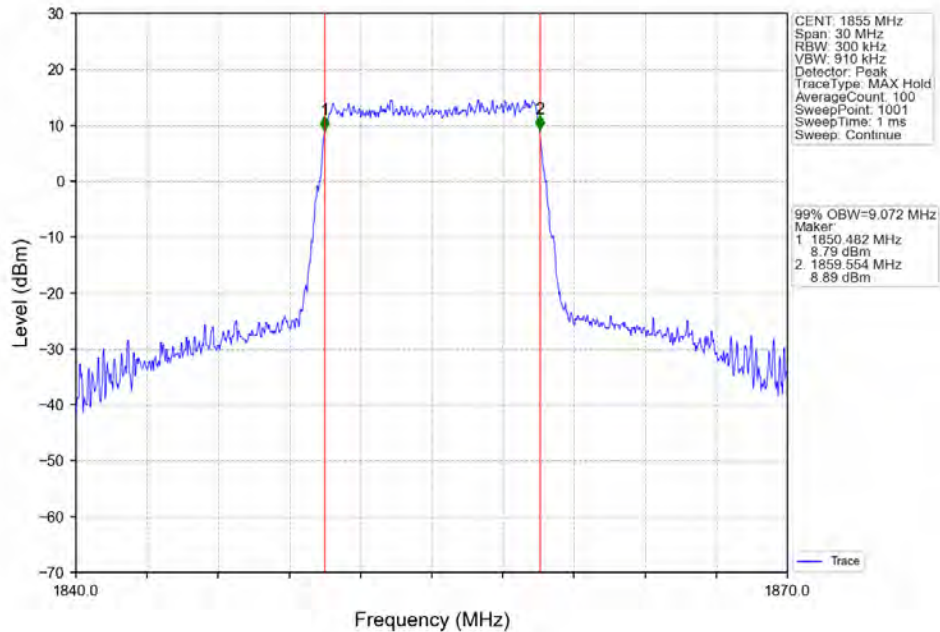
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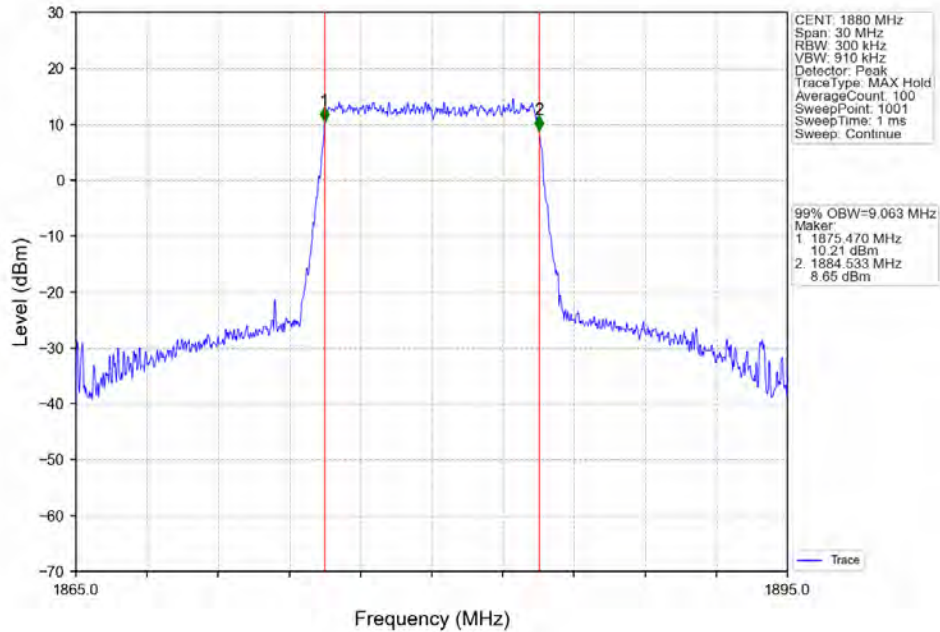
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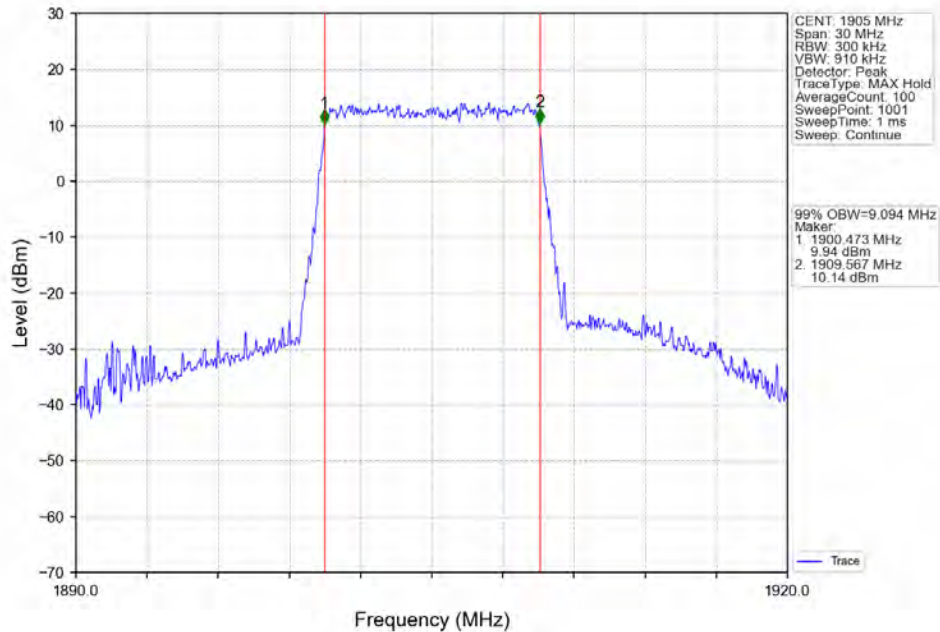
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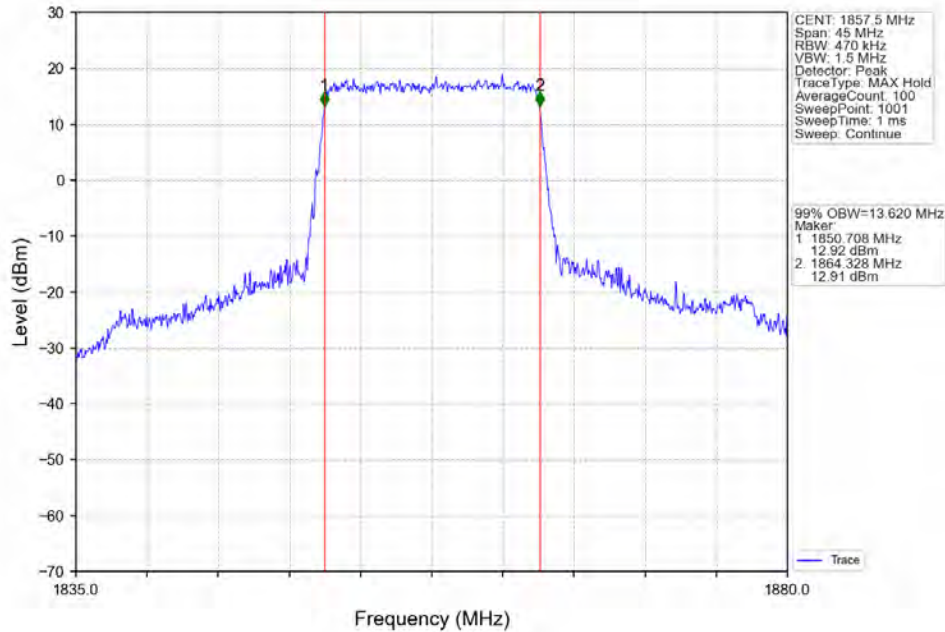
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Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



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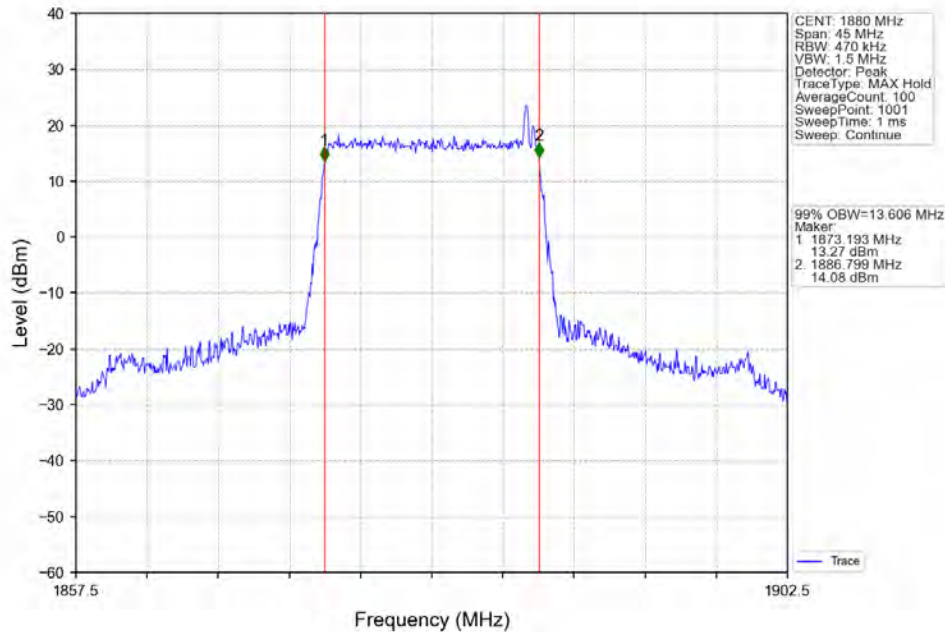
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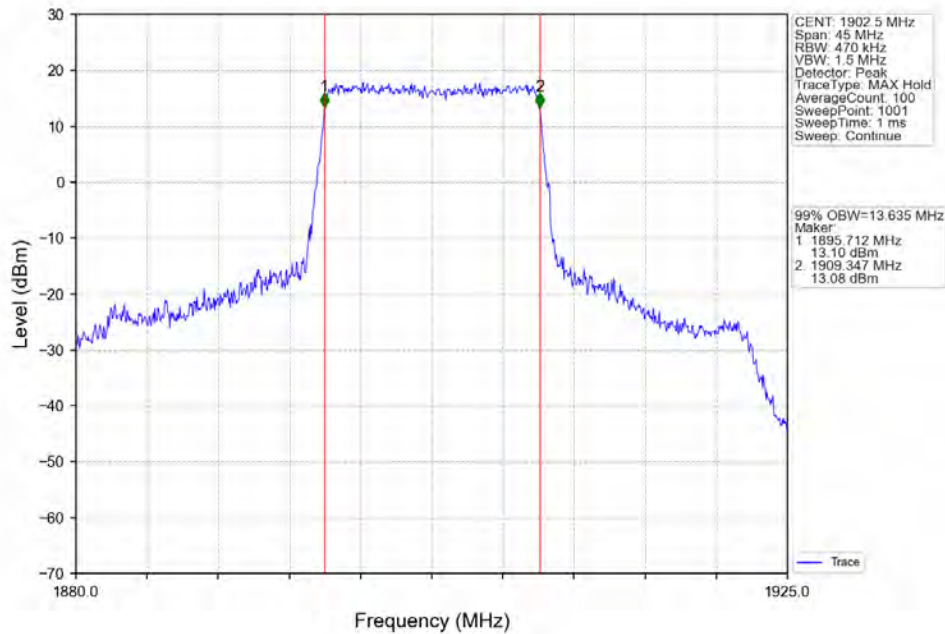
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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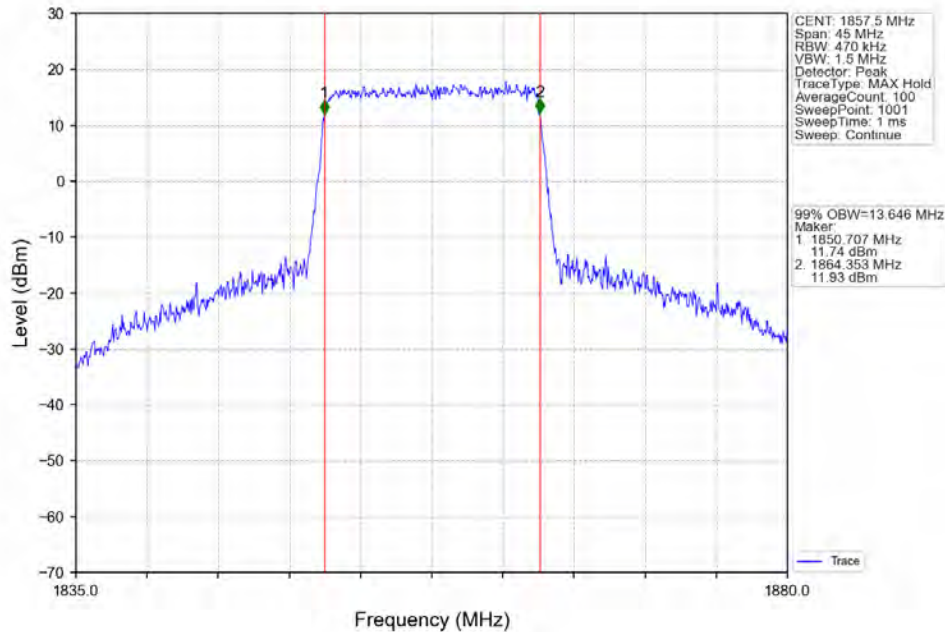
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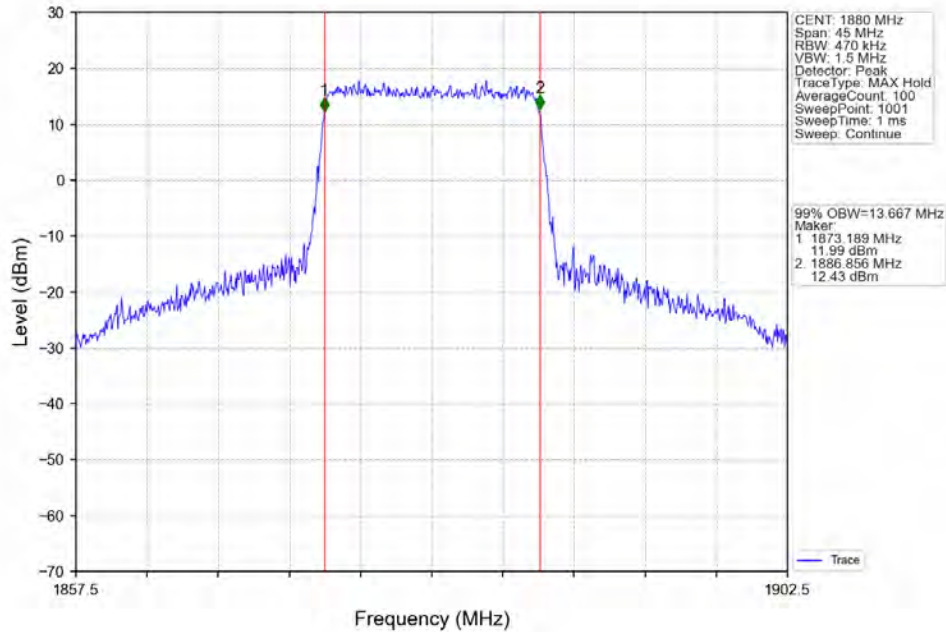
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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



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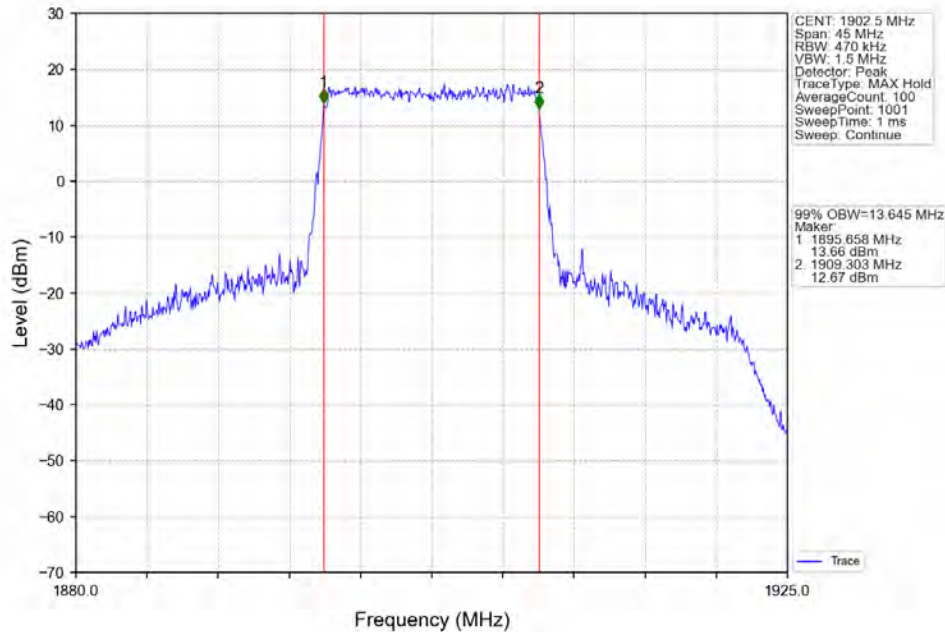
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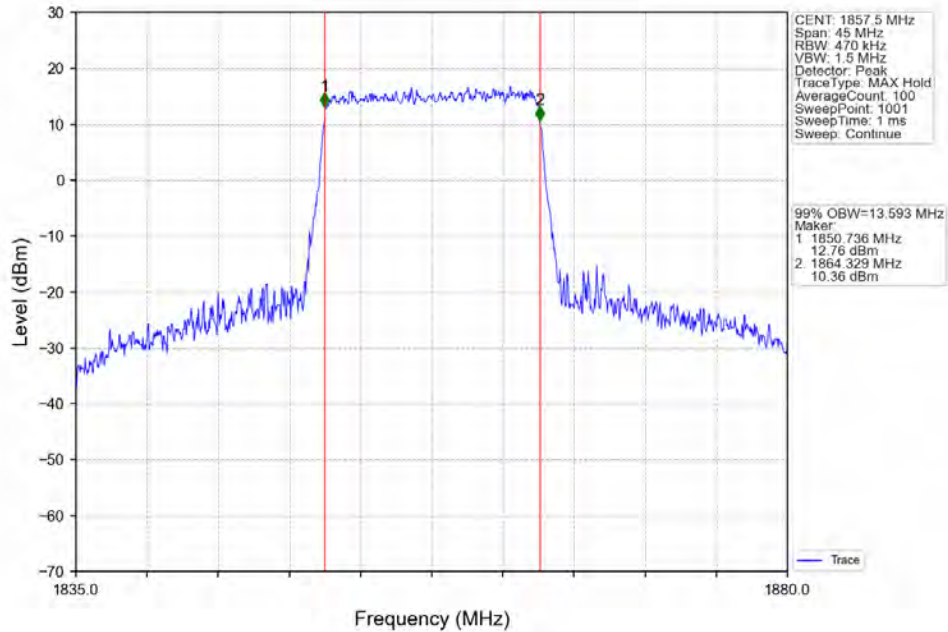
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



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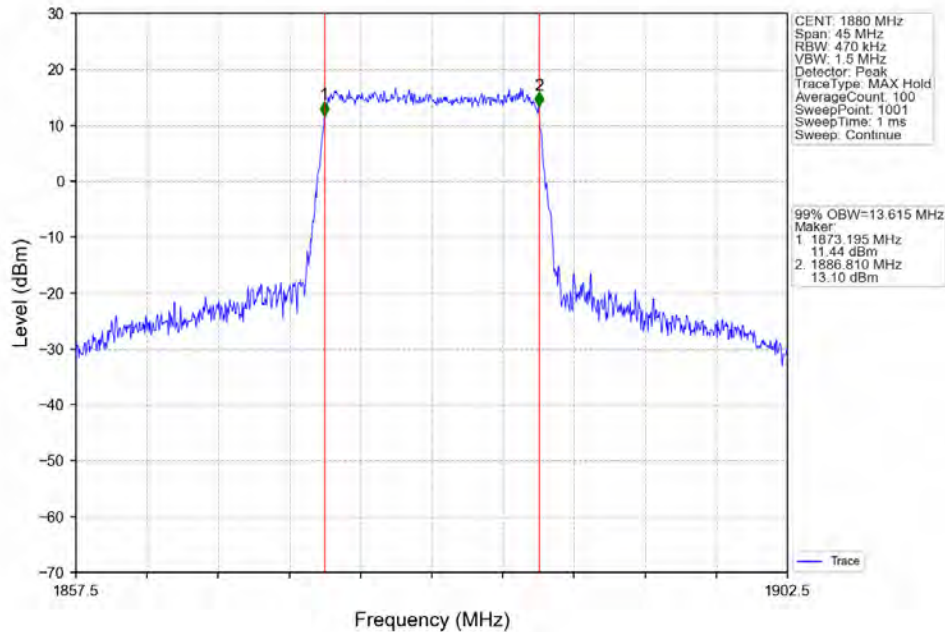
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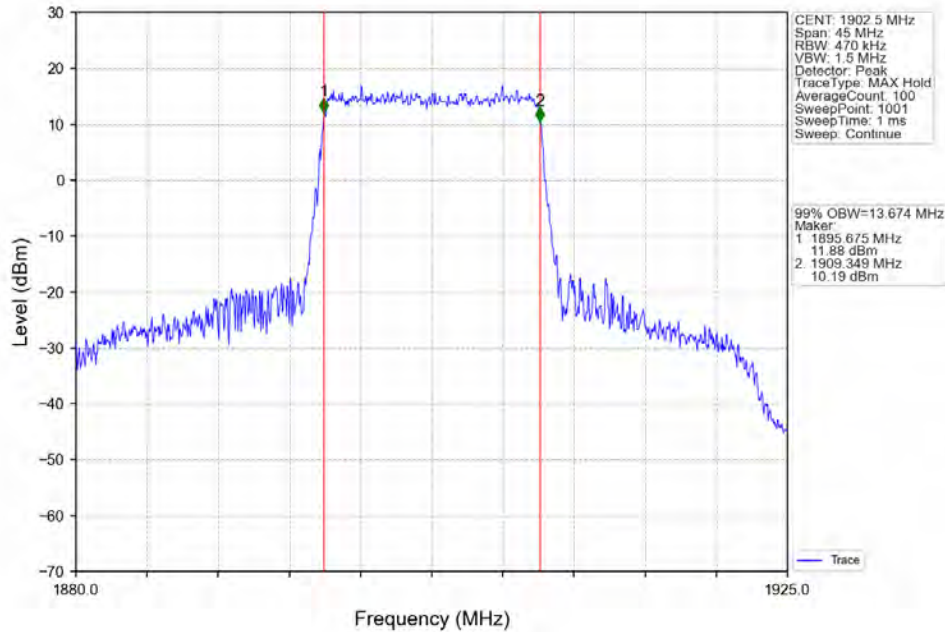
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Band2_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV



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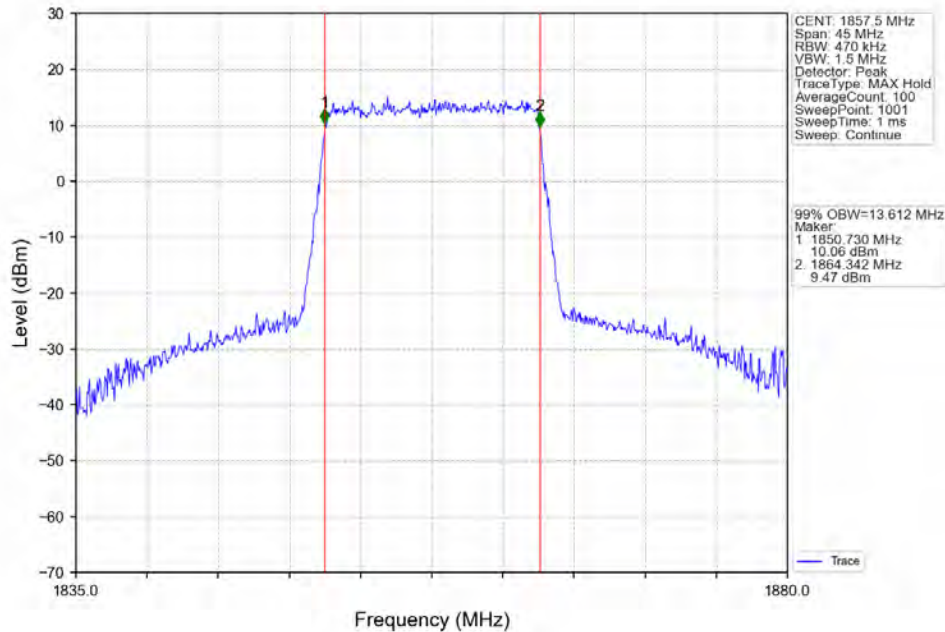
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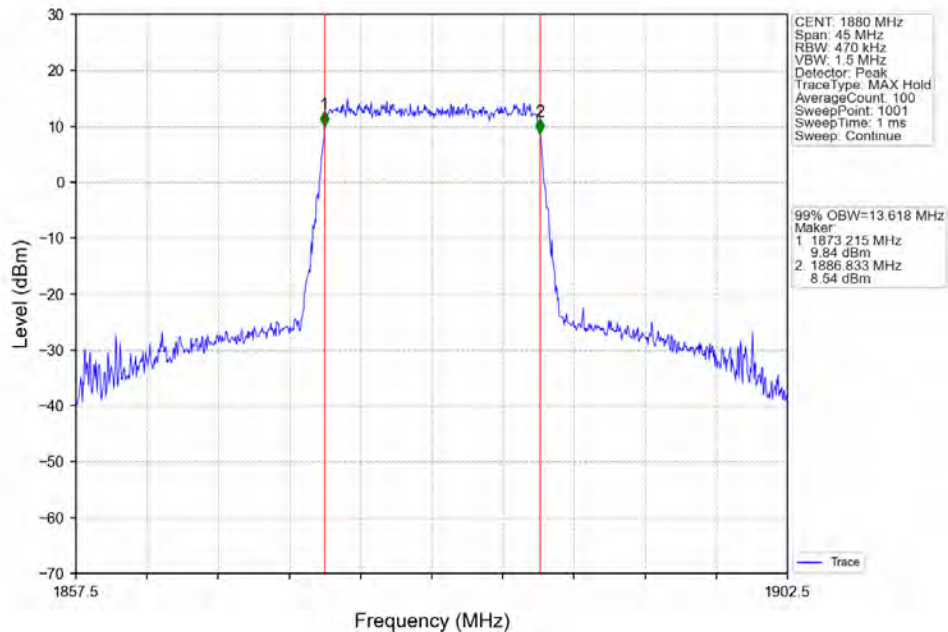
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Band2_15MHz_256QAM_HCH_1902.5MHz_RB_75_0_NTNV



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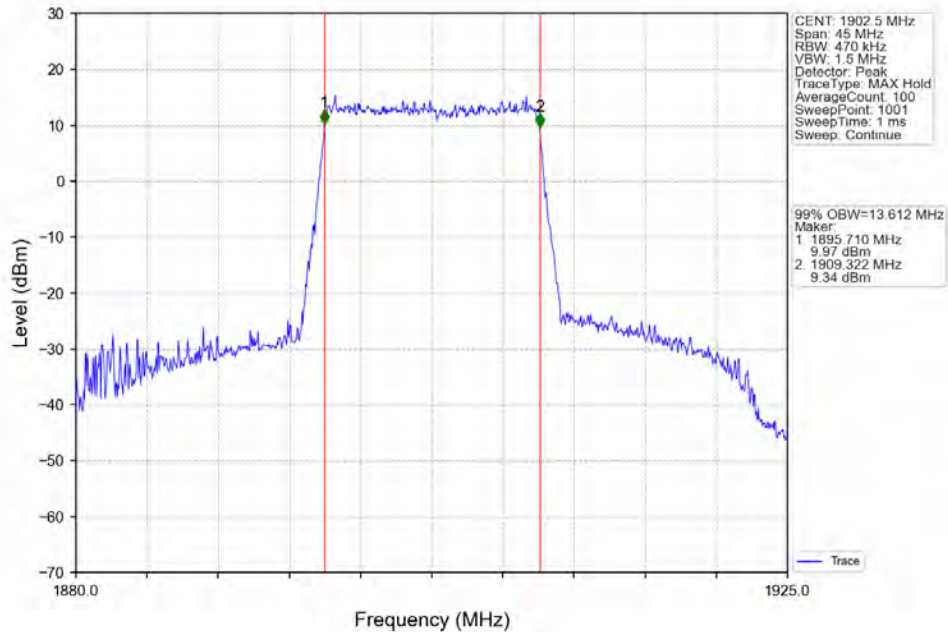
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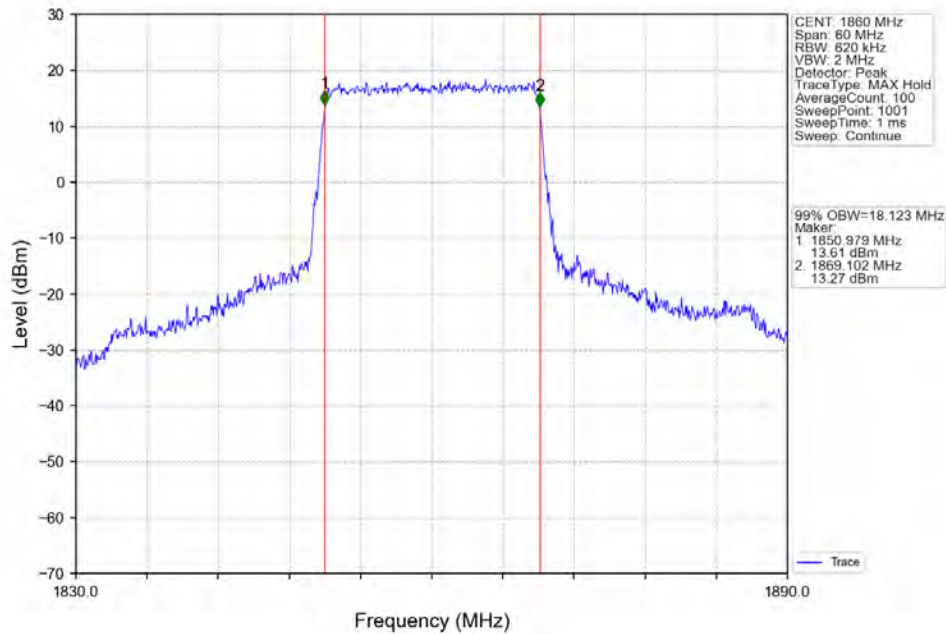
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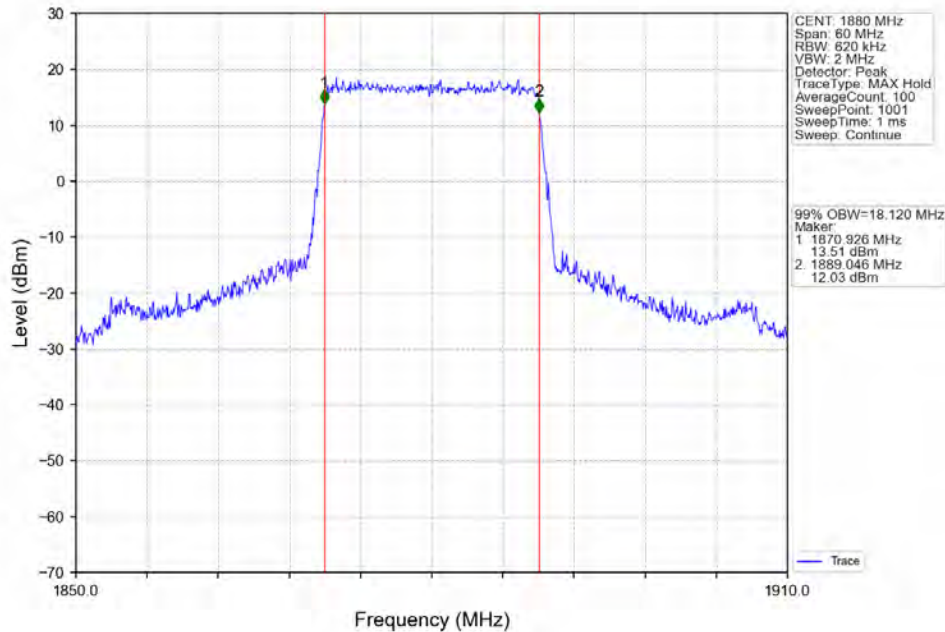
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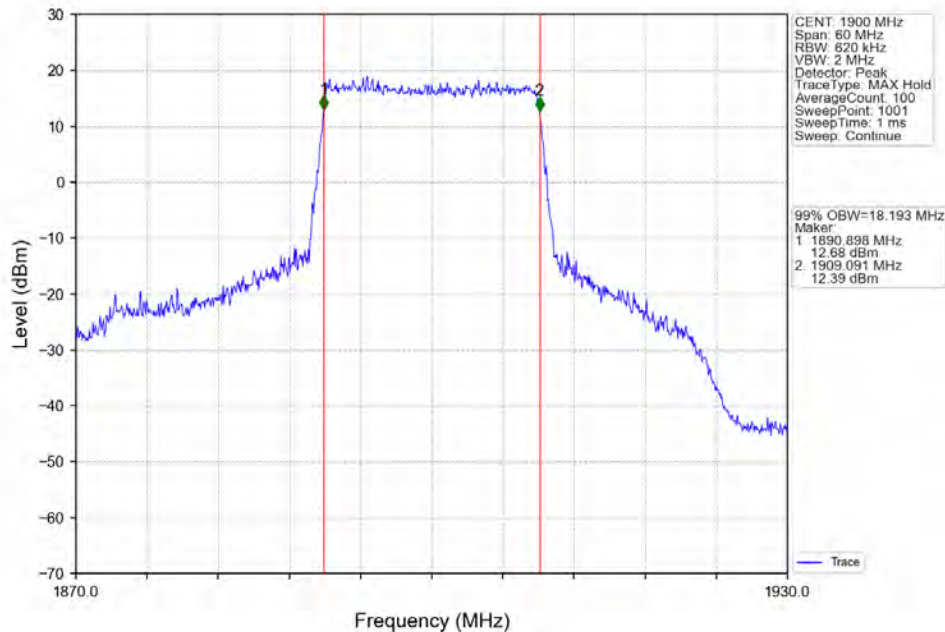
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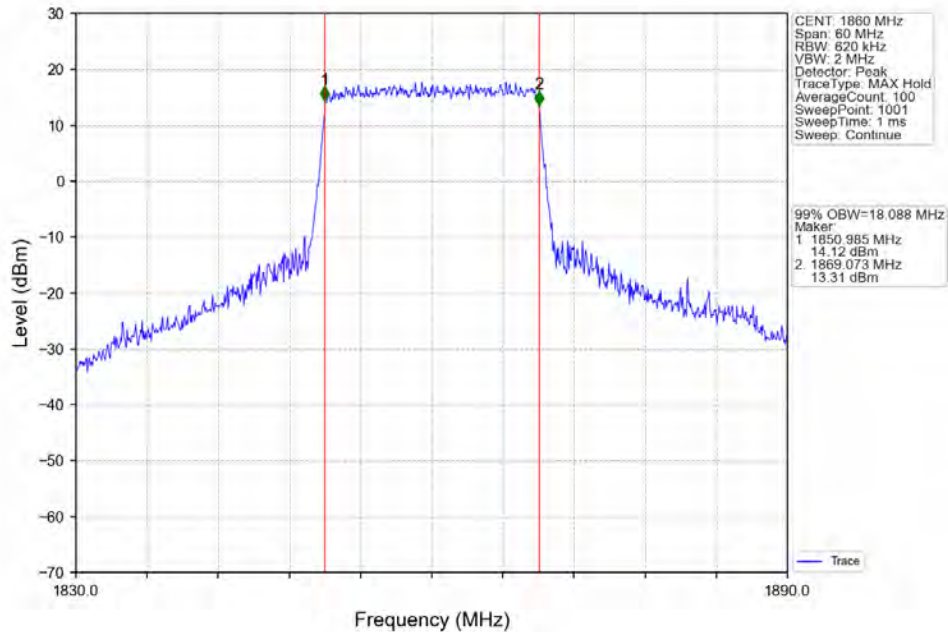
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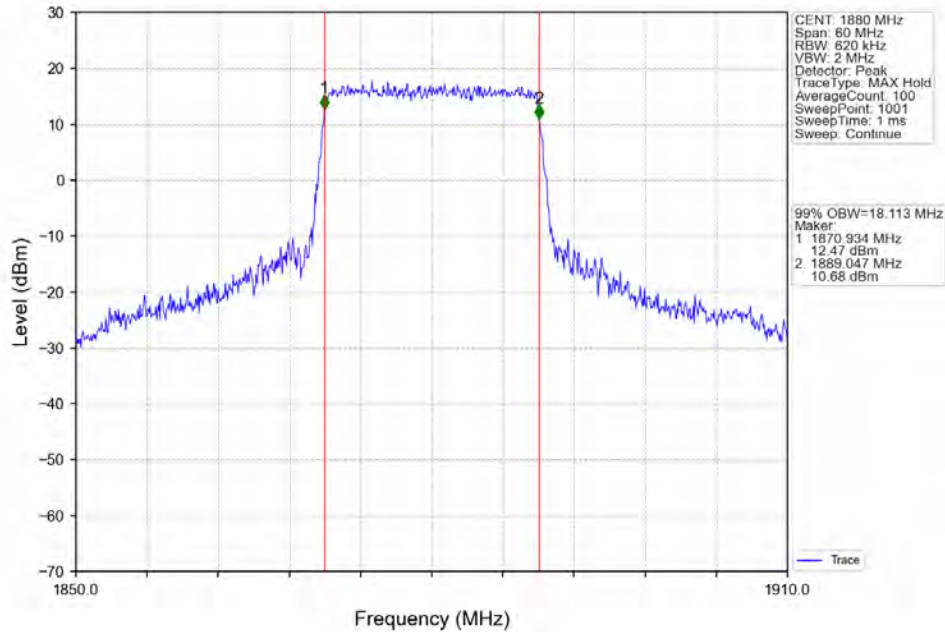
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Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



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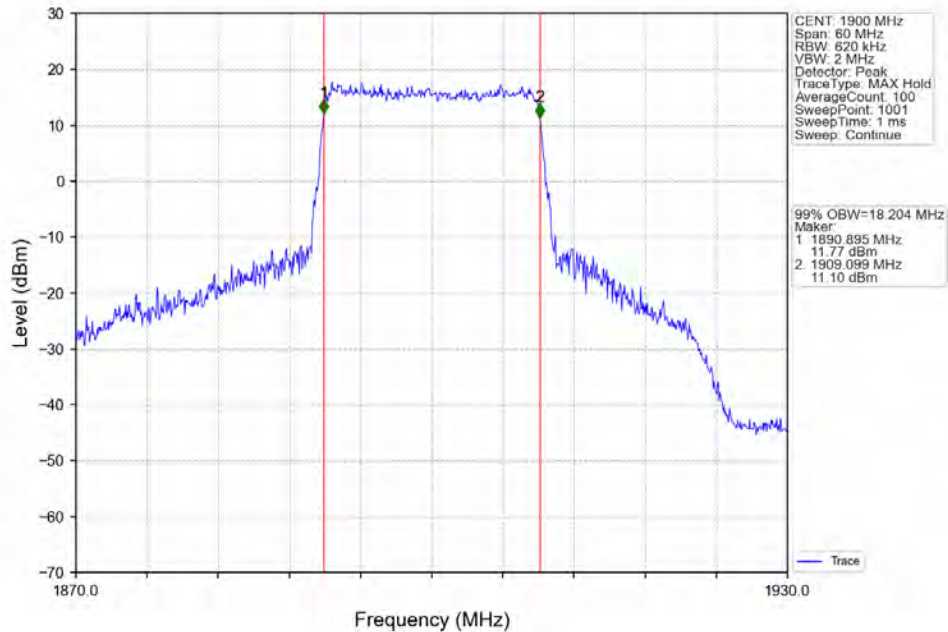
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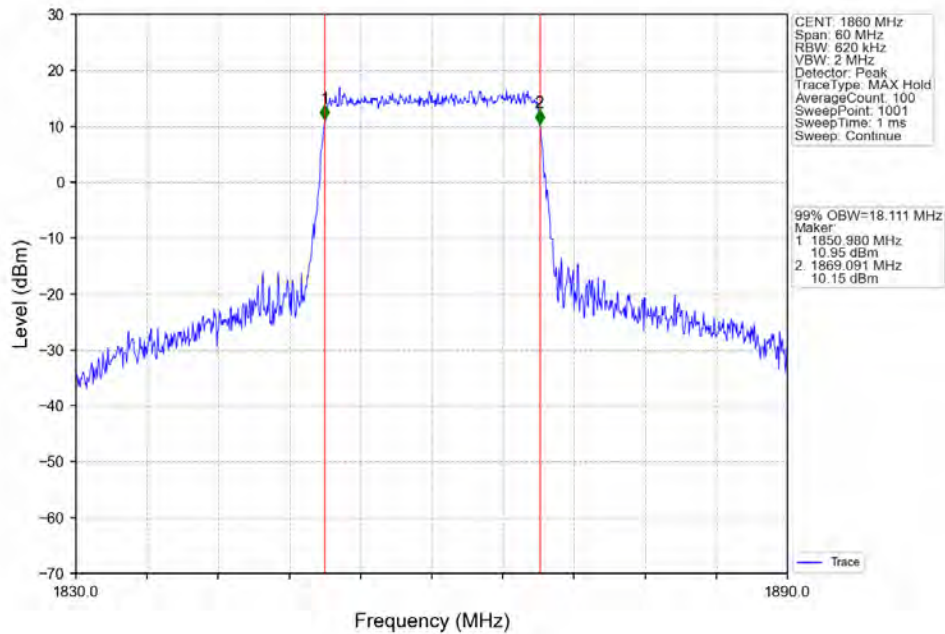
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Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



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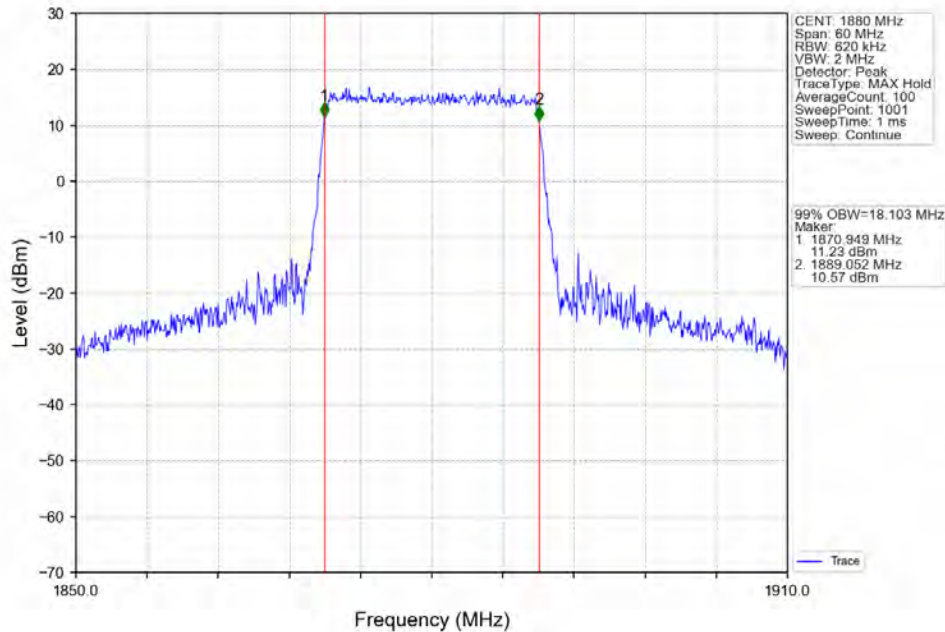
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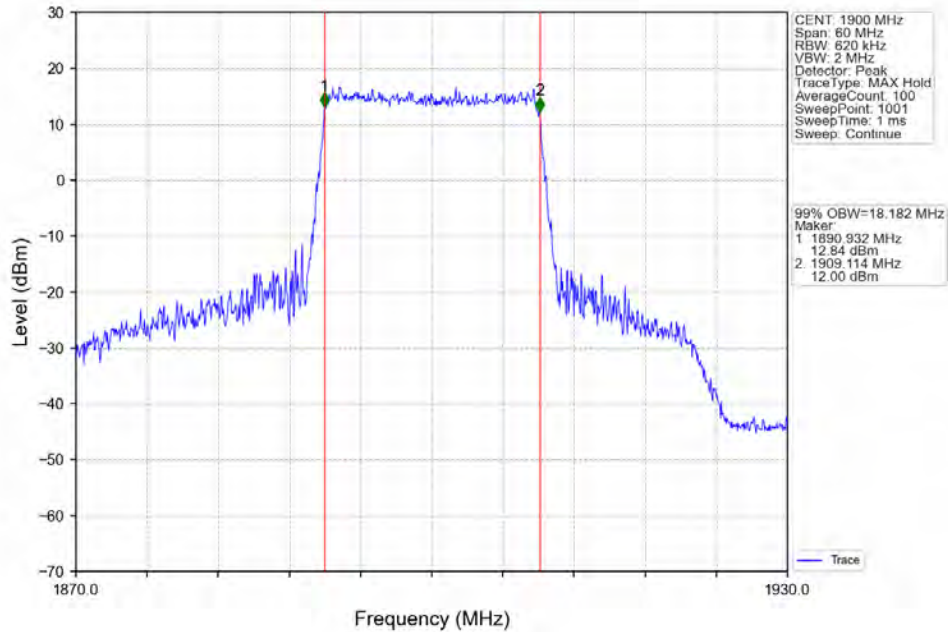
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Band2_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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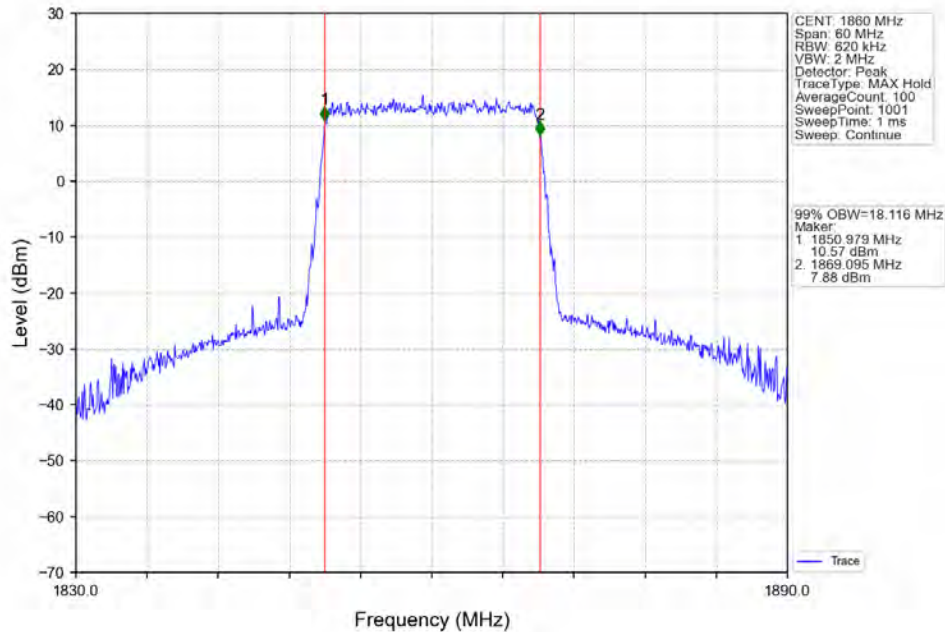
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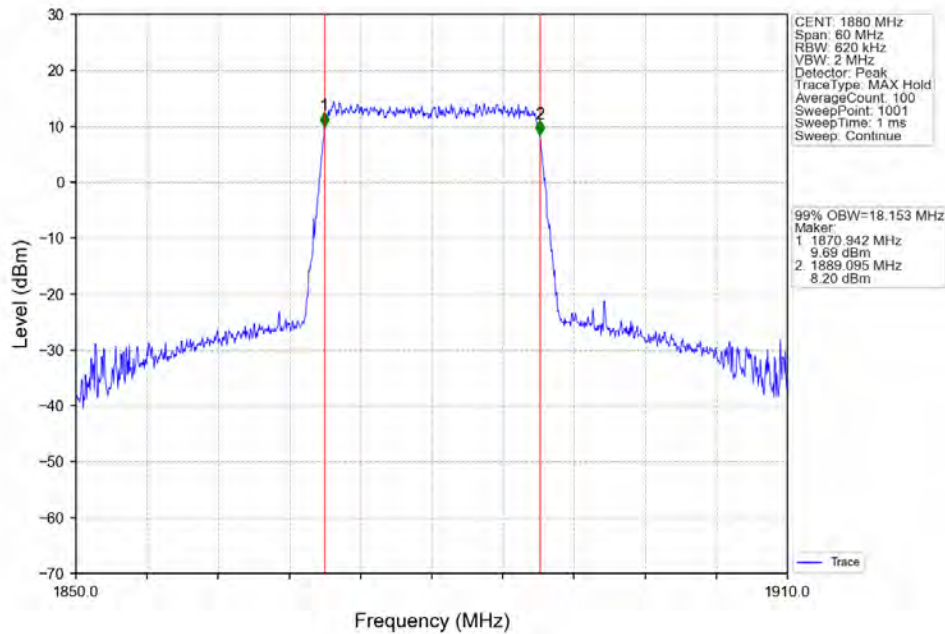
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Band2_20MHz_256QAM_HCH_1900MHz_RB_100_0_NTNV



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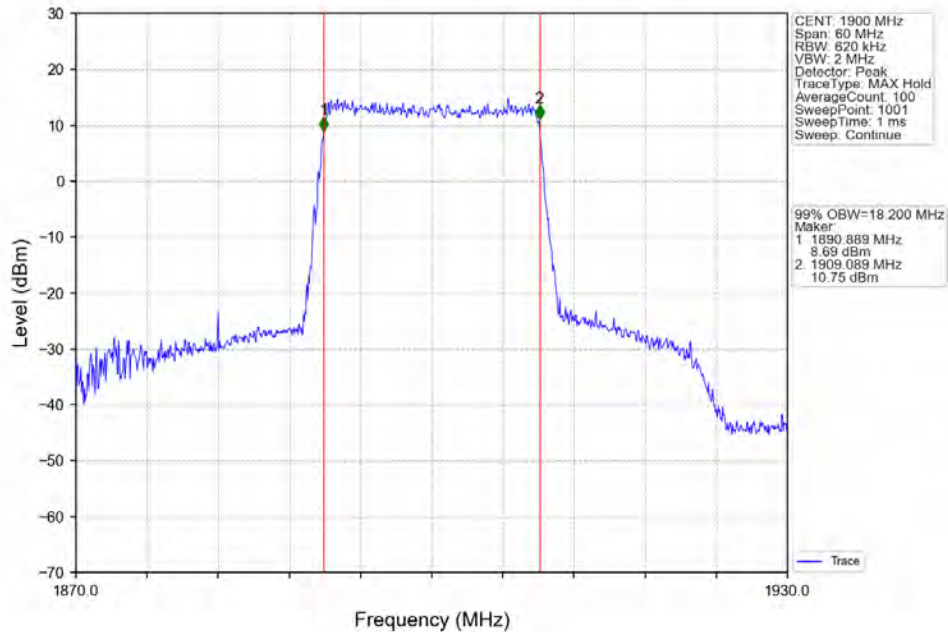
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4.2 Band2_XDB

4.2.1 Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.430	/	Pass
		1880	6	0	1.378	/	Pass
		1909.3	6	0	1.398	/	Pass
	16QAM	1850.7	6	0	1.384	/	Pass
		1880	6	0	1.417	/	Pass
		1909.3	6	0	1.416	/	Pass
	64QAM	1850.7	6	0	1.389	/	Pass
		1880	6	0	1.386	/	Pass
		1909.3	6	0	1.374	/	Pass
	256QAM	1850.7	6	0	1.396	/	Pass
		1880	6	0	1.371	/	Pass
		1909.3	6	0	1.386	/	Pass
3	QPSK	1851.5	15	0	3.125	/	Pass
		1880	15	0	3.117	/	Pass
		1908.5	15	0	3.129	/	Pass
	16QAM	1851.5	15	0	3.162	/	Pass
		1880	15	0	3.118	/	Pass
		1908.5	15	0	3.112	/	Pass
	64QAM	1851.5	15	0	3.152	/	Pass
		1880	15	0	3.131	/	Pass
		1908.5	15	0	3.137	/	Pass
	256QAM	1851.5	15	0	3.163	/	Pass
		1880	15	0	3.109	/	Pass
		1908.5	15	0	3.088	/	Pass
5	QPSK	1852.5	25	0	5.250	/	Pass
		1880	25	0	5.248	/	Pass
		1907.5	25	0	5.305	/	Pass
	16QAM	1852.5	25	0	5.246	/	Pass
		1880	25	0	5.282	/	Pass
		1907.5	25	0	5.211	/	Pass
	64QAM	1852.5	25	0	5.279	/	Pass
		1880	25	0	5.307	/	Pass
		1907.5	25	0	5.204	/	Pass
	256QAM	1852.5	25	0	5.162	/	Pass
		1880	25	0	5.235	/	Pass
		1907.5	25	0	5.256	/	Pass
10	QPSK	1855	50	0	10.121	/	Pass
		1880	50	0	10.245	/	Pass
		1905	50	0	10.263	/	Pass



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	16QAM	1855	50	0	10.241	/	Pass
		1880	50	0	10.193	/	Pass
		1905	50	0	10.197	/	Pass
	64QAM	1855	50	0	10.122	/	Pass
		1880	50	0	10.136	/	Pass
		1905	50	0	10.235	/	Pass
	256QAM	1855	50	0	10.257	/	Pass
		1880	50	0	10.123	/	Pass
		1905	50	0	10.220	/	Pass
15	QPSK	1857.5	75	0	15.248	/	Pass
		1880	75	0	14.890	/	Pass
		1902.5	75	0	15.205	/	Pass
	16QAM	1857.5	75	0	15.158	/	Pass
		1880	75	0	15.232	/	Pass
		1902.5	75	0	15.179	/	Pass
	64QAM	1857.5	75	0	15.327	/	Pass
		1880	75	0	15.191	/	Pass
		1902.5	75	0	15.132	/	Pass
	256QAM	1857.5	75	0	15.177	/	Pass
		1880	75	0	15.230	/	Pass
		1902.5	75	0	15.115	/	Pass
20	QPSK	1860	100	0	20.232	/	Pass
		1880	100	0	20.116	/	Pass
		1900	100	0	20.201	/	Pass
	16QAM	1860	100	0	20.175	/	Pass
		1880	100	0	19.920	/	Pass
		1900	100	0	20.173	/	Pass
	64QAM	1860	100	0	20.019	/	Pass
		1880	100	0	20.147	/	Pass
		1900	100	0	20.116	/	Pass
	256QAM	1860	100	0	19.861	/	Pass
		1880	100	0	20.075	/	Pass
		1900	100	0	20.089	/	Pass



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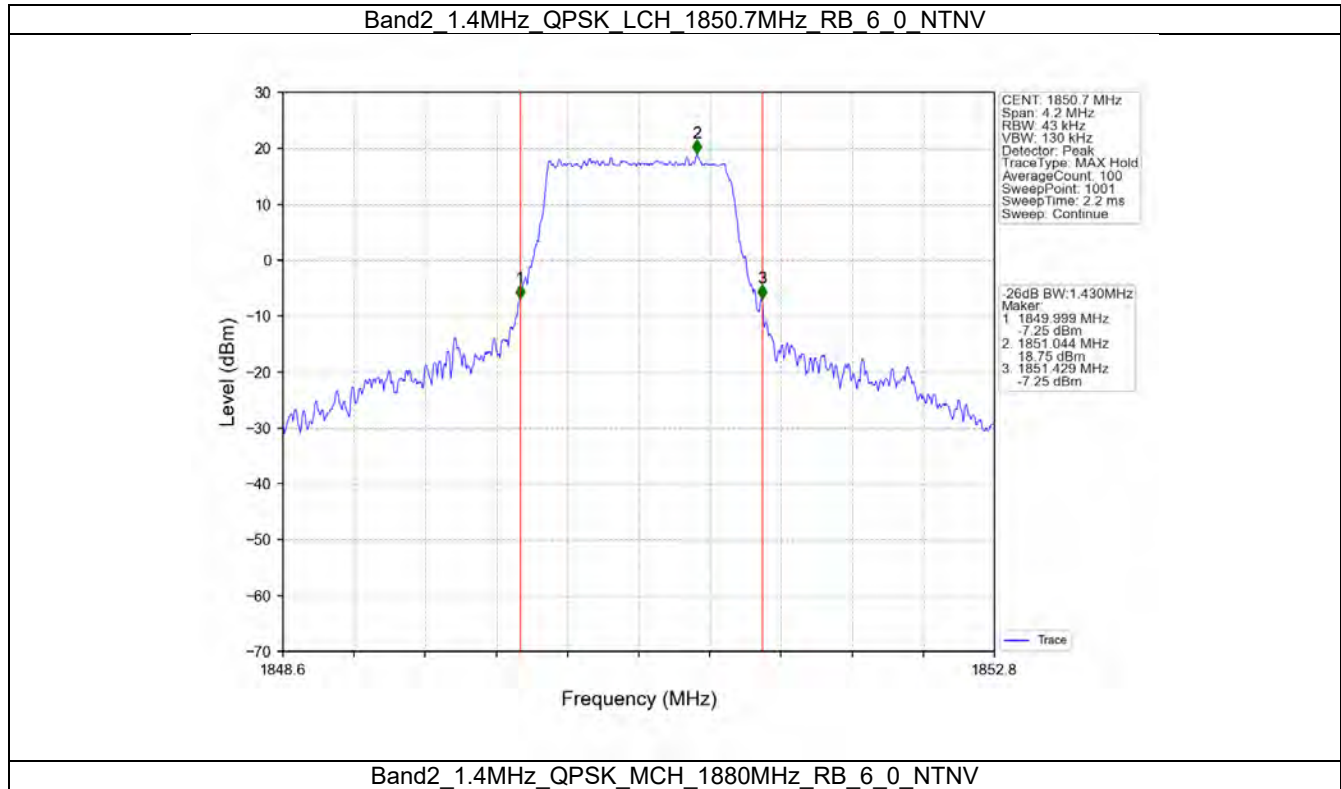
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4.2.2 Test Graph



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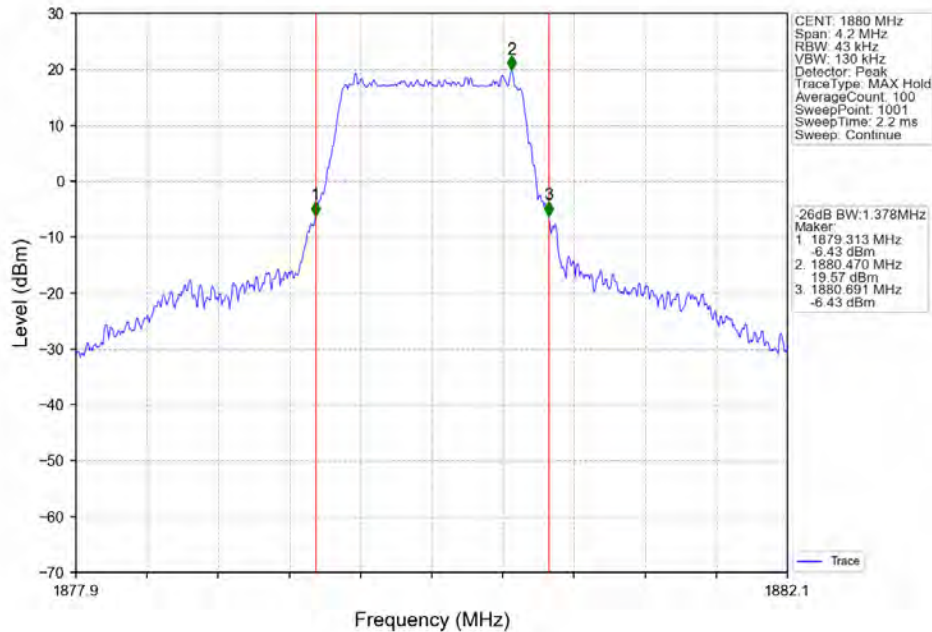
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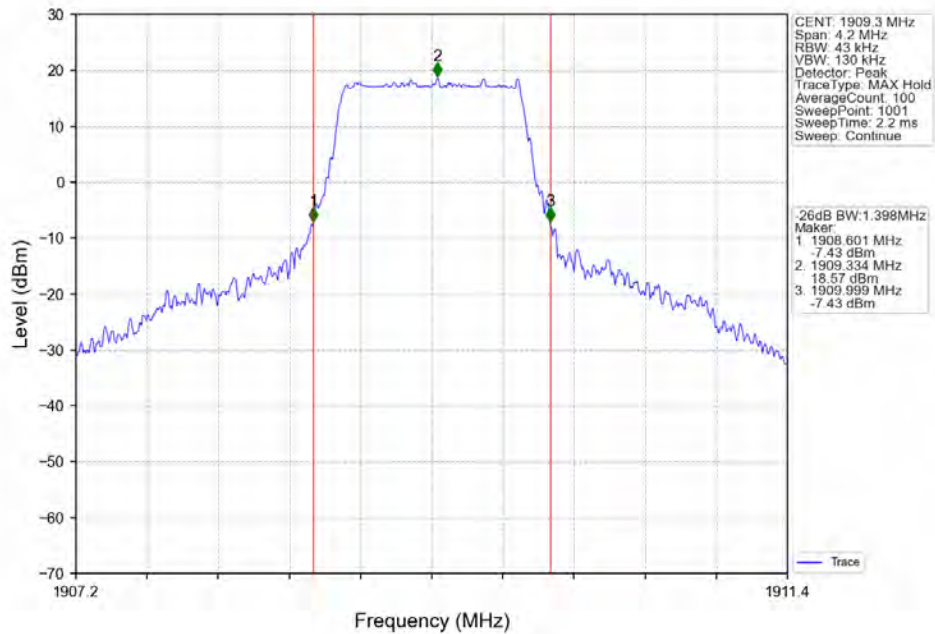
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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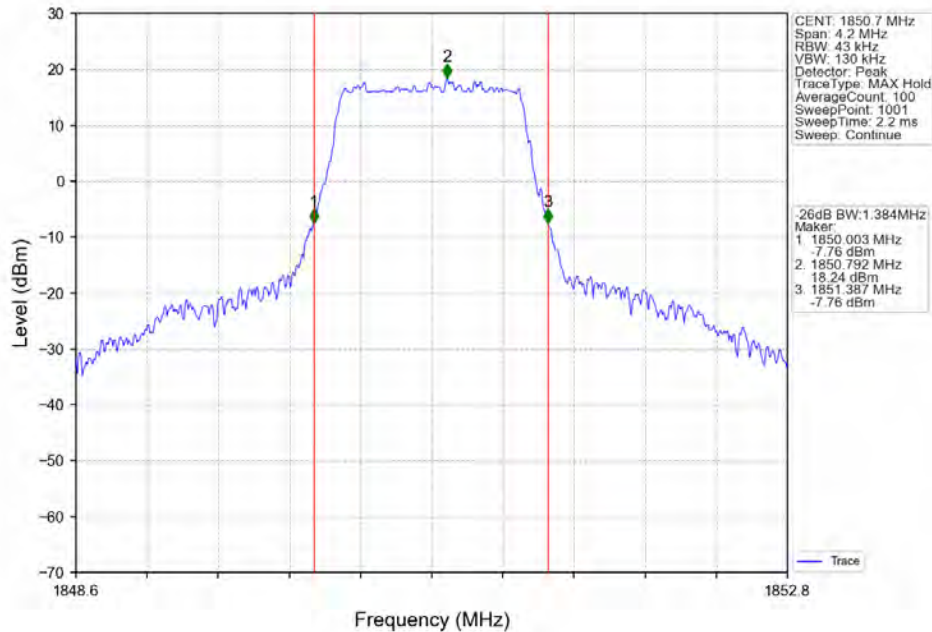
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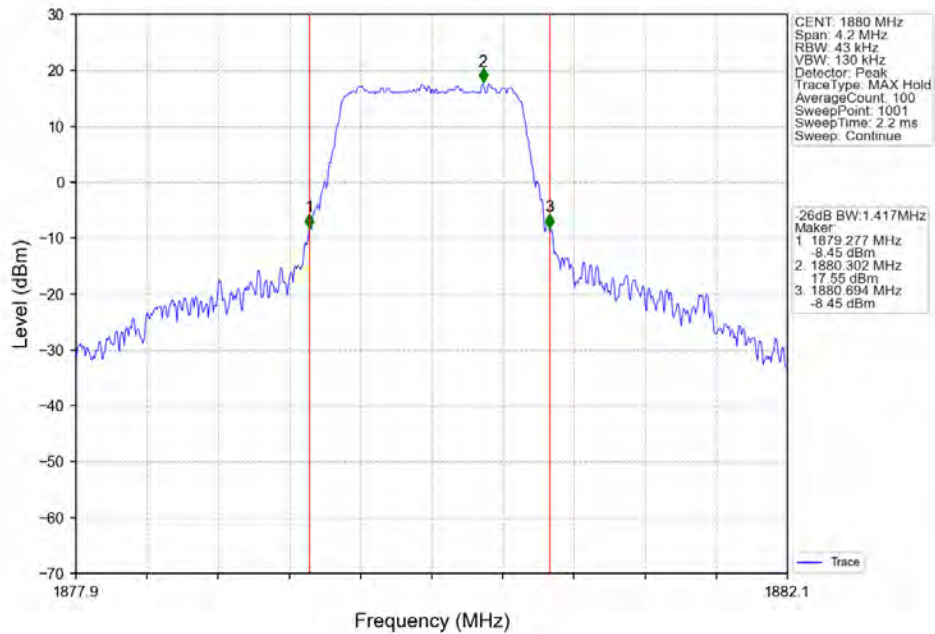
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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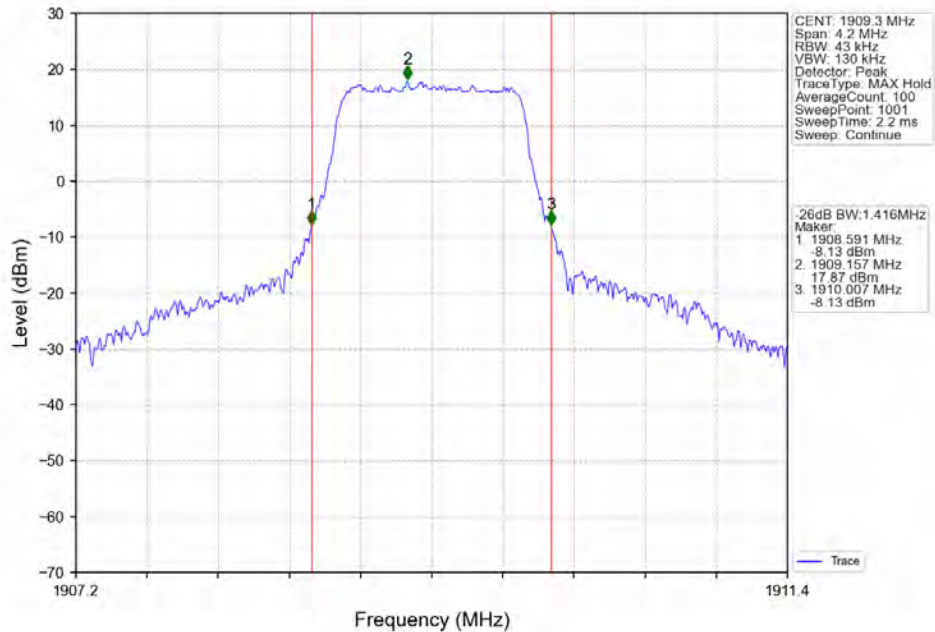
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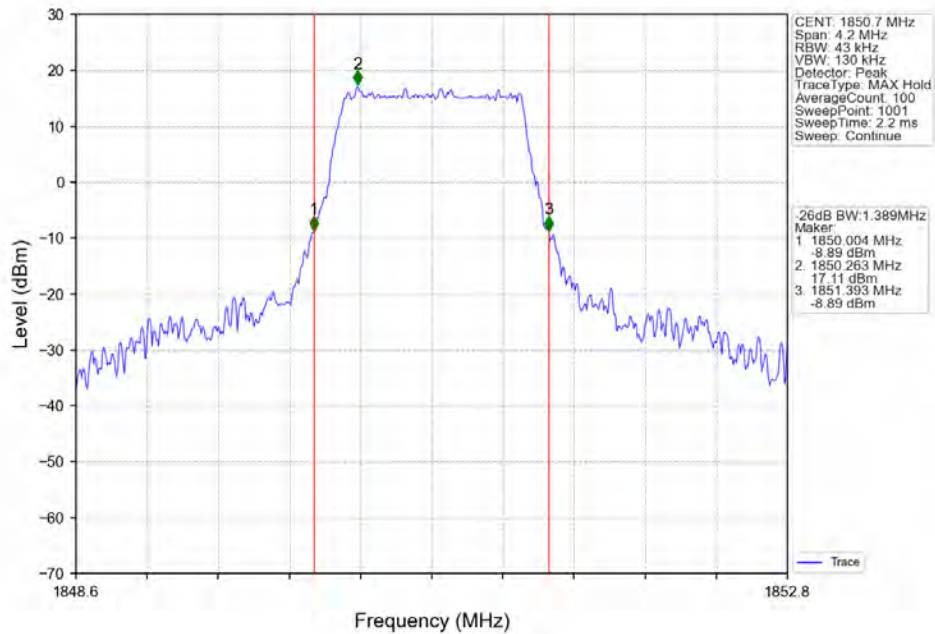
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Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



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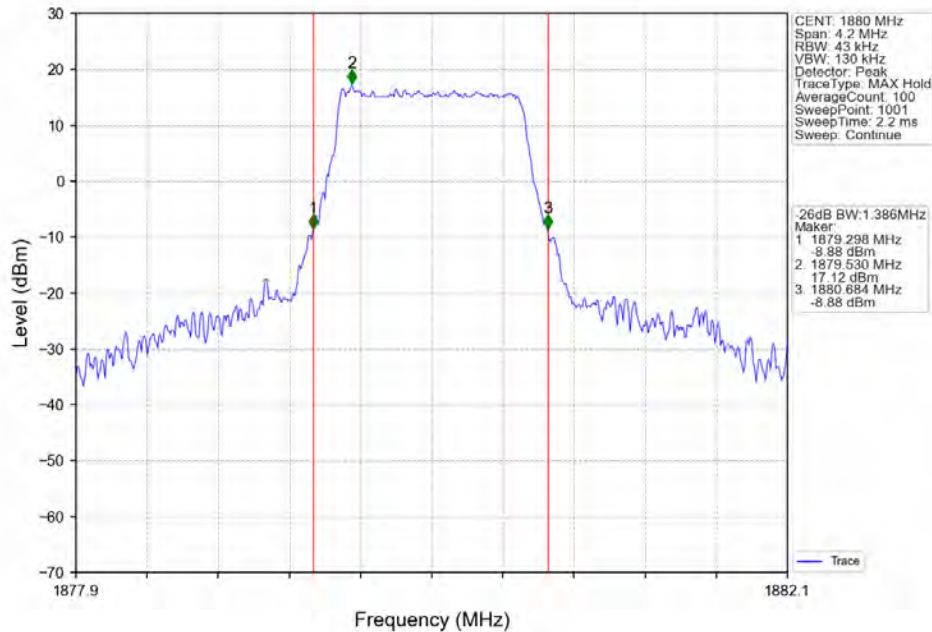
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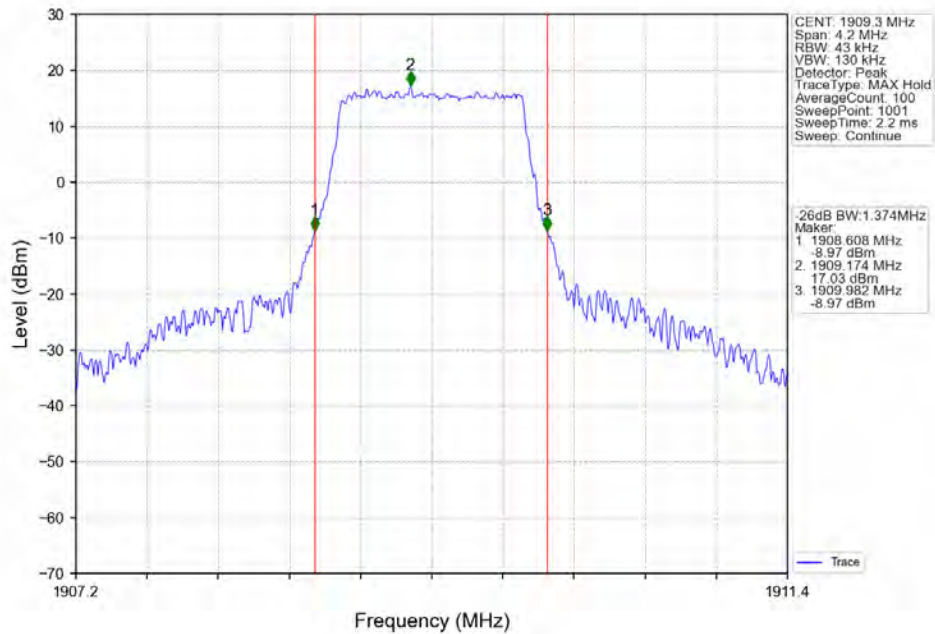
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Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTN



Band2 1.4MHz 256QAM LCH 1850.7MHz RB 6 0 NTN



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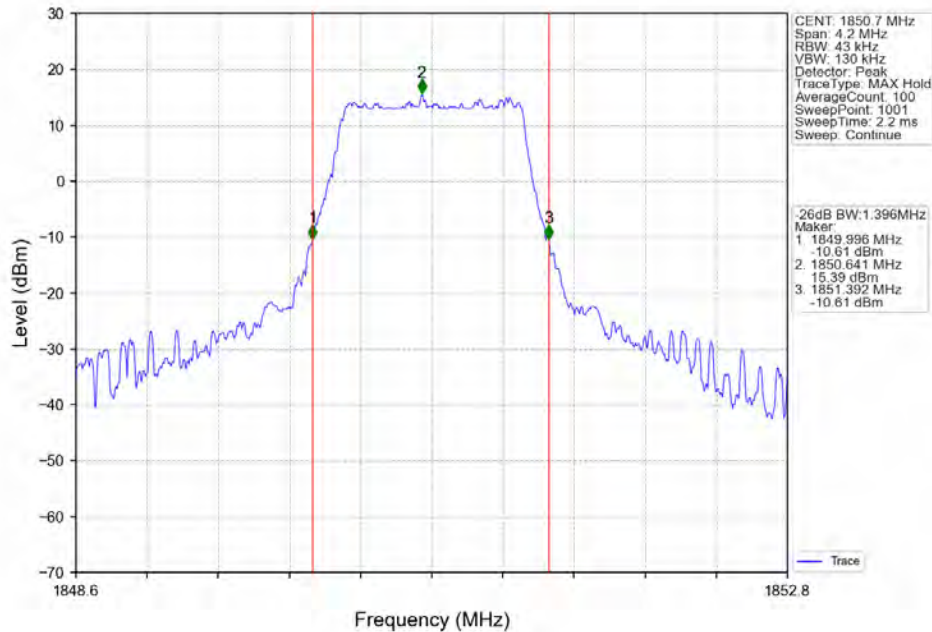
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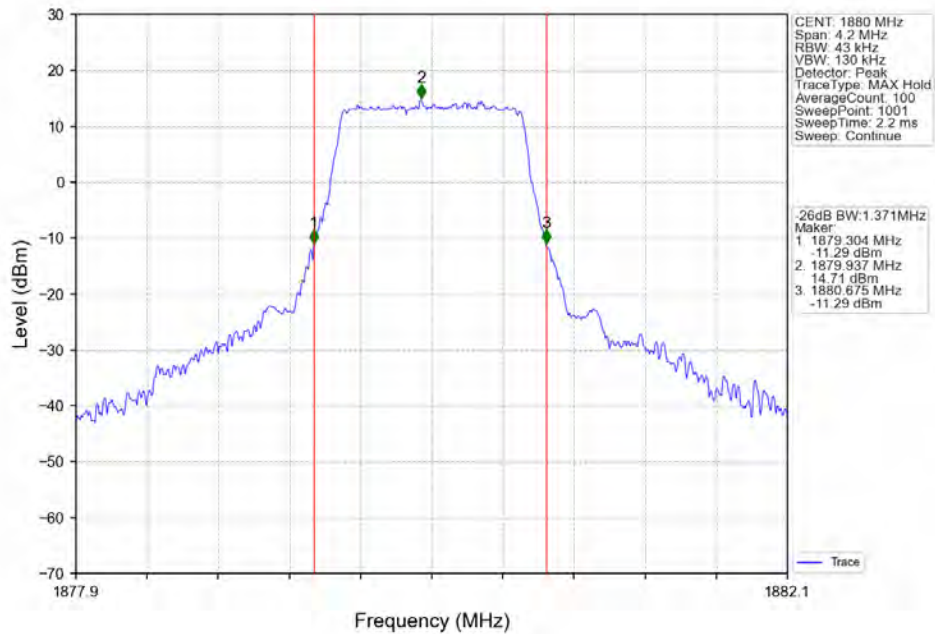
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Band2_1.4MHz_256QAM_HCH_1909.3MHz_RB_6_0_NTNV



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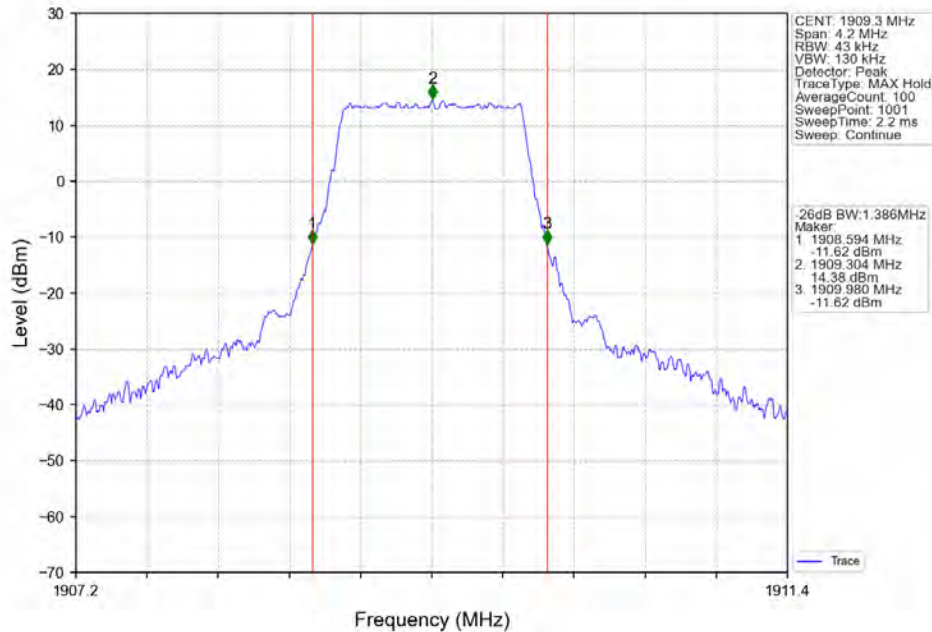
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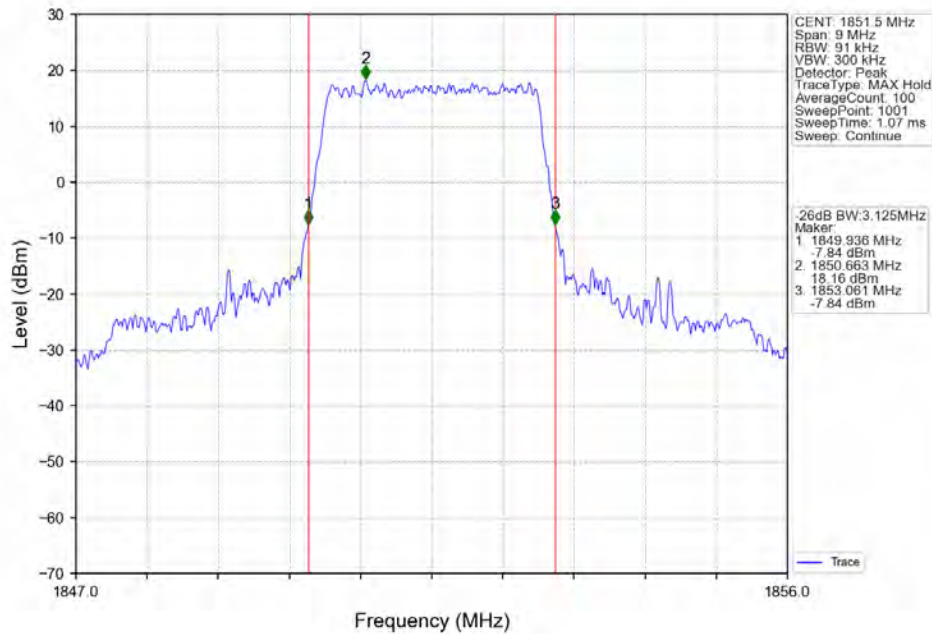
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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



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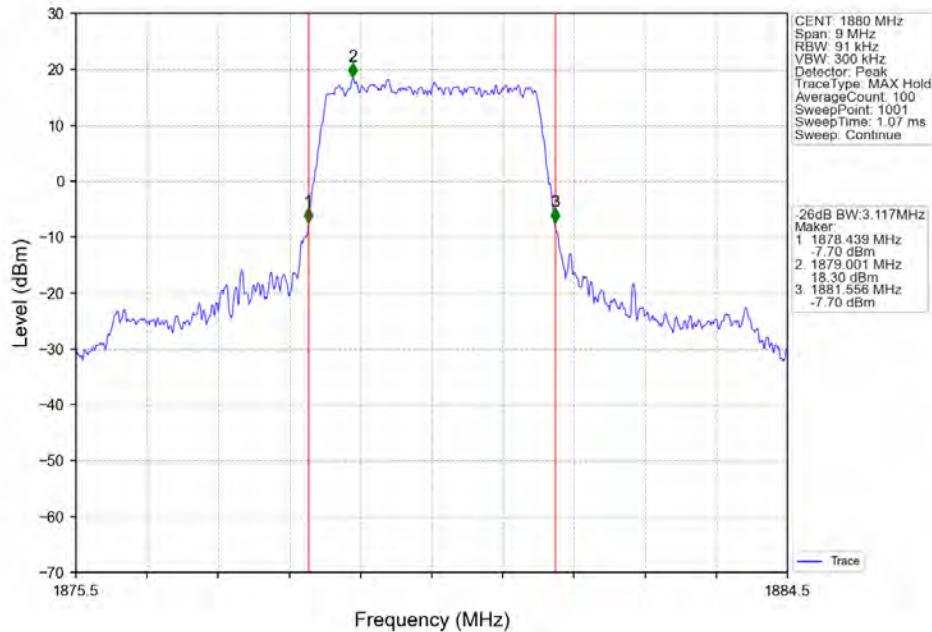
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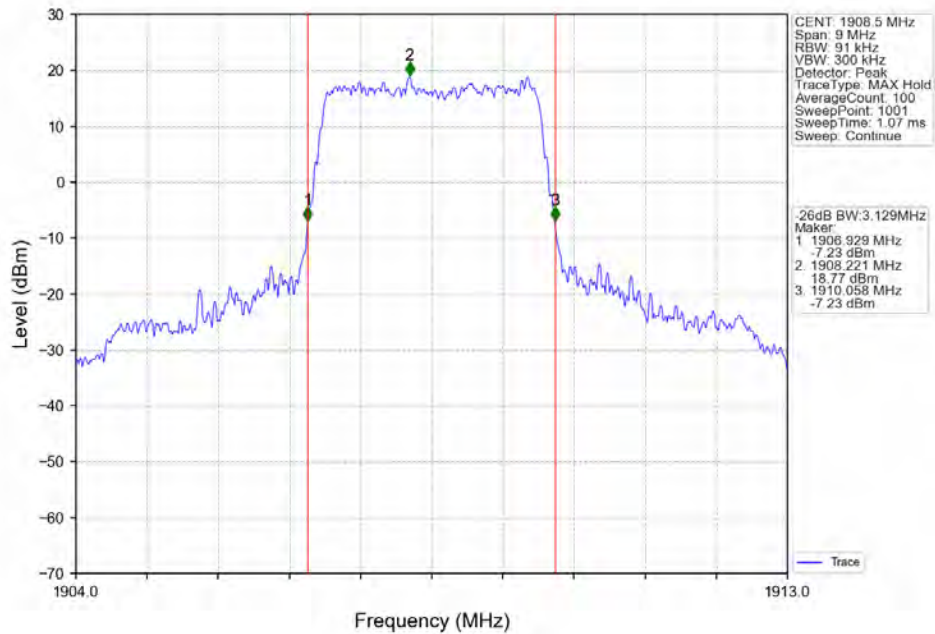
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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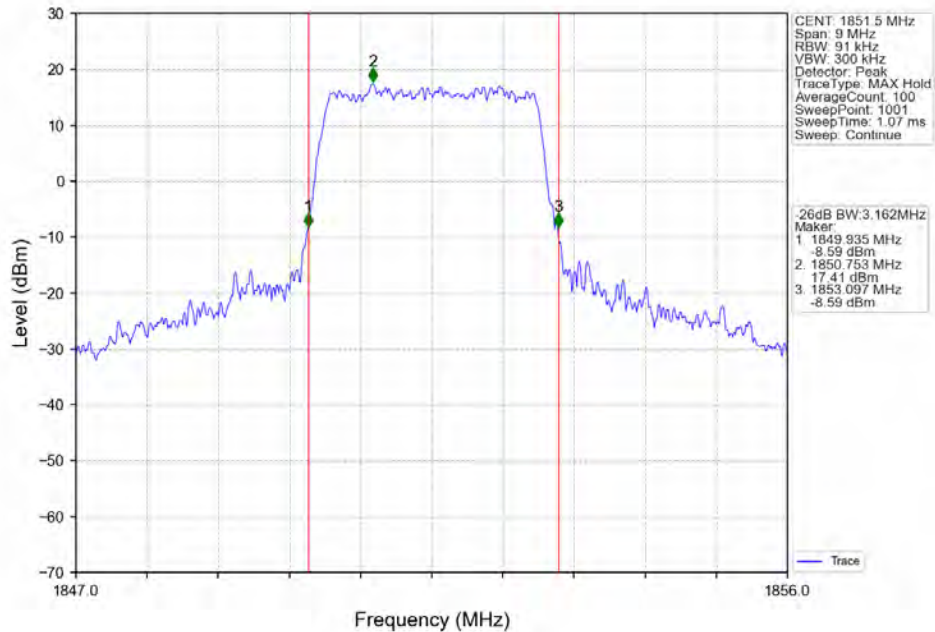
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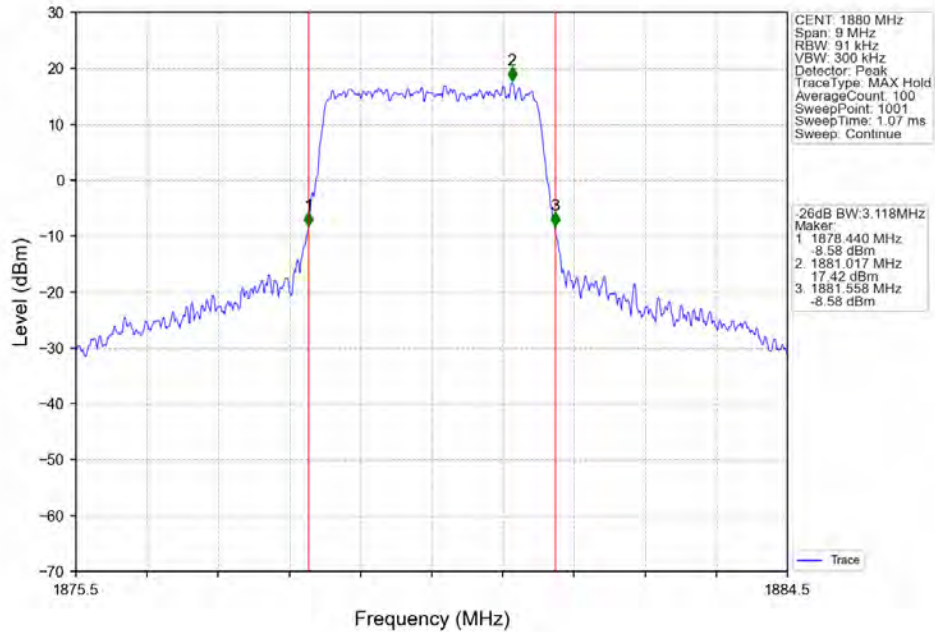
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Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



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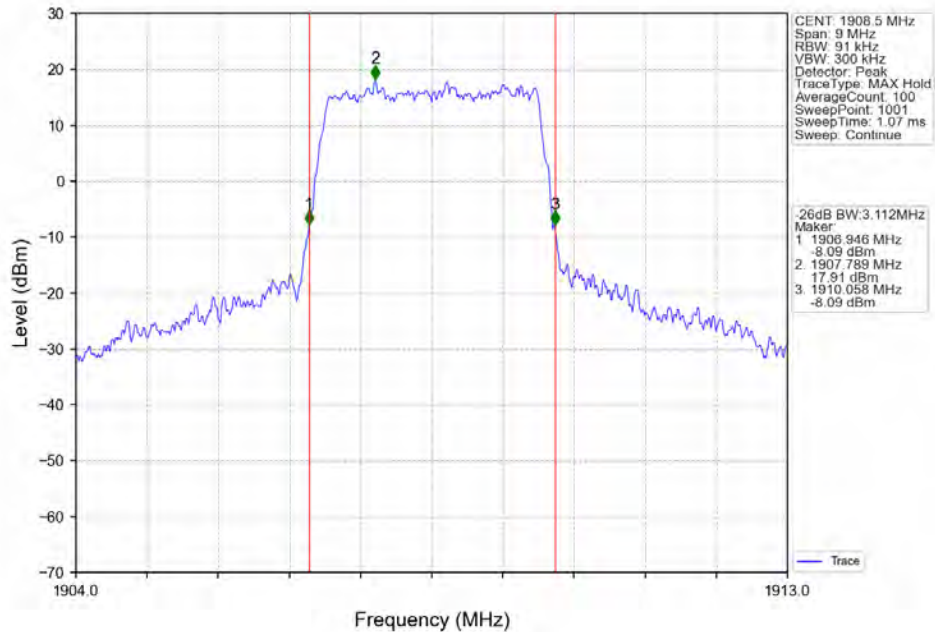
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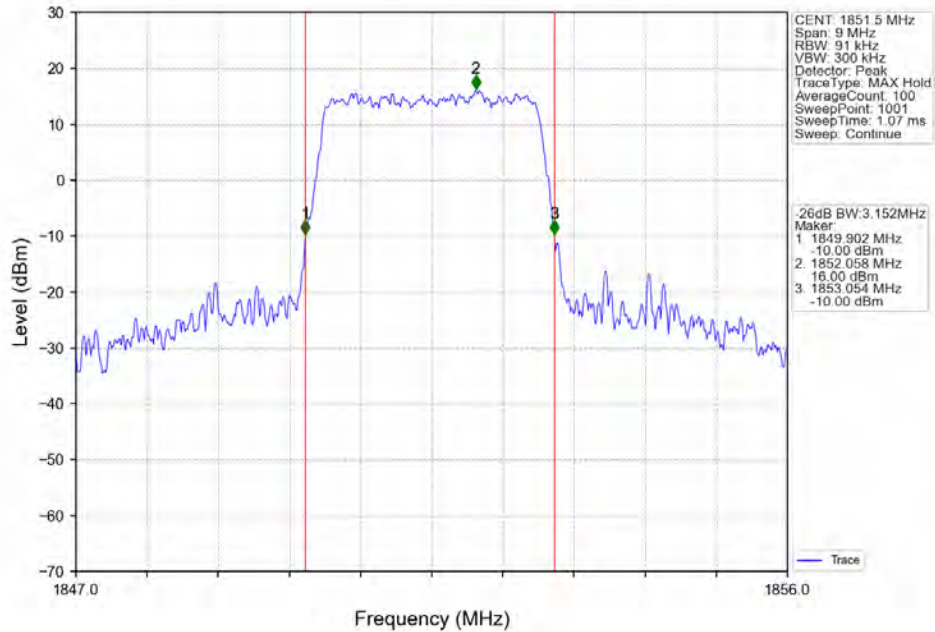
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



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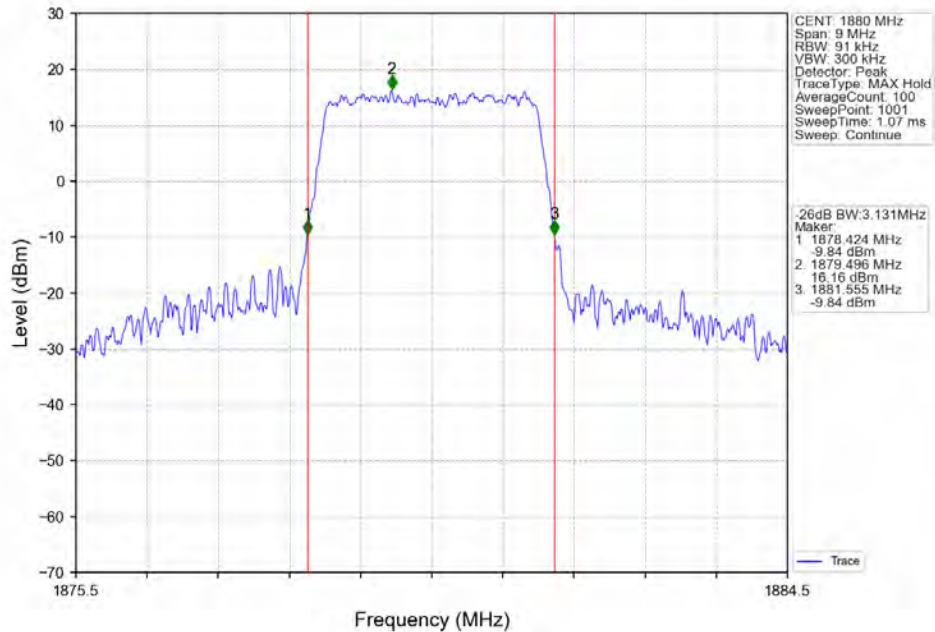
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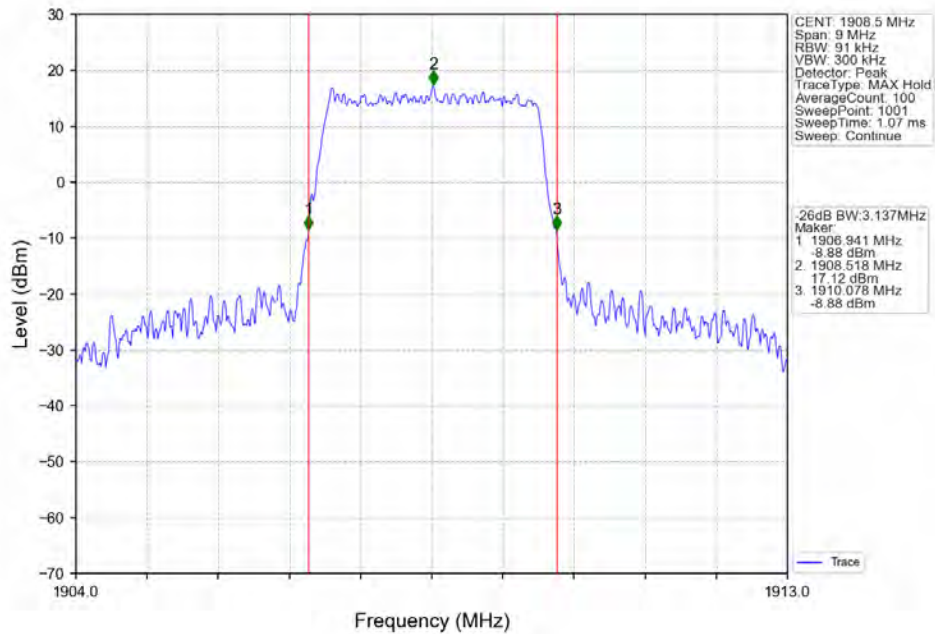
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Band2_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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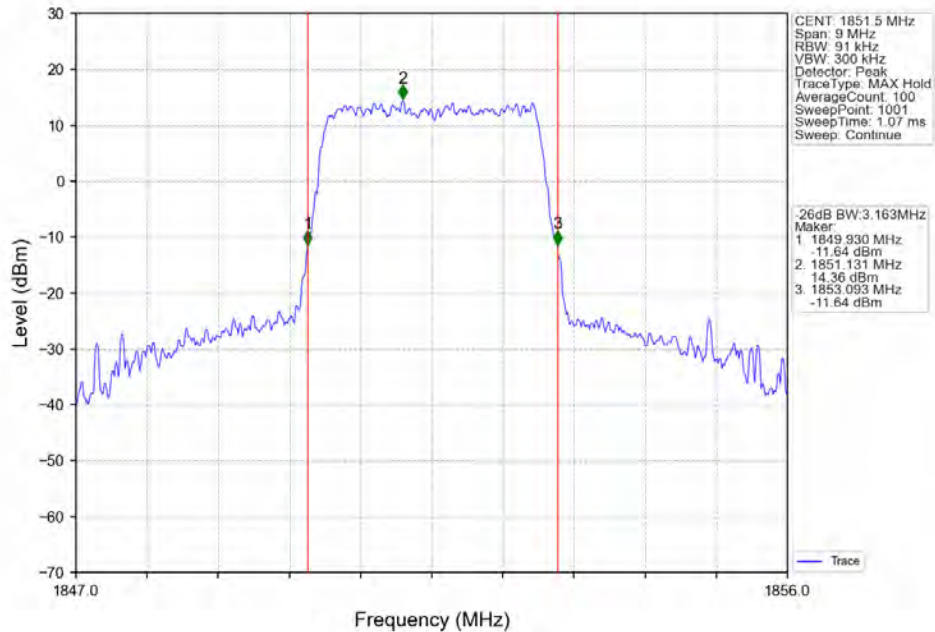
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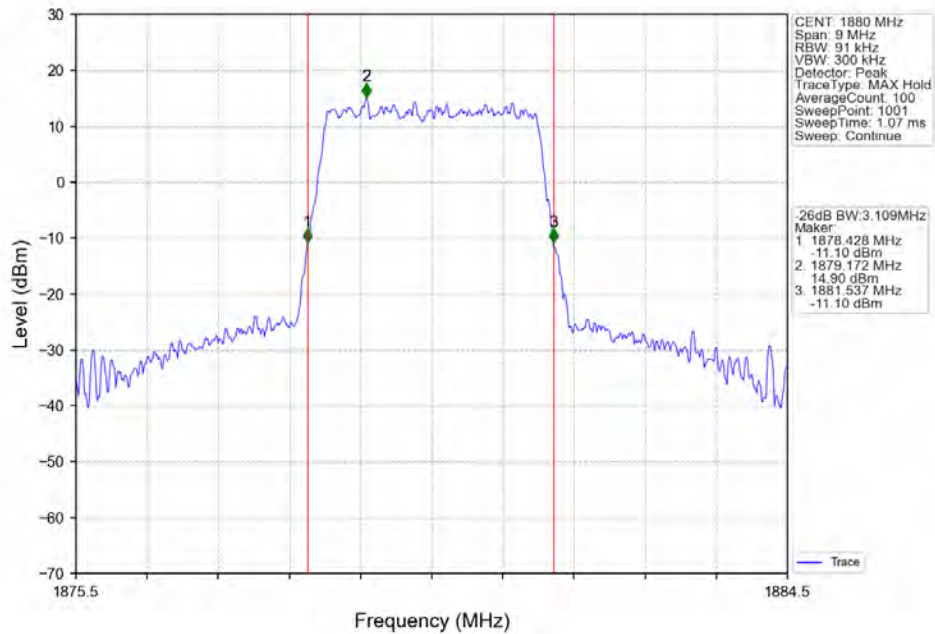
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Band2_3MHz_256QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_256QAM_HCH_1908.5MHz_RB_15_0_NTNV



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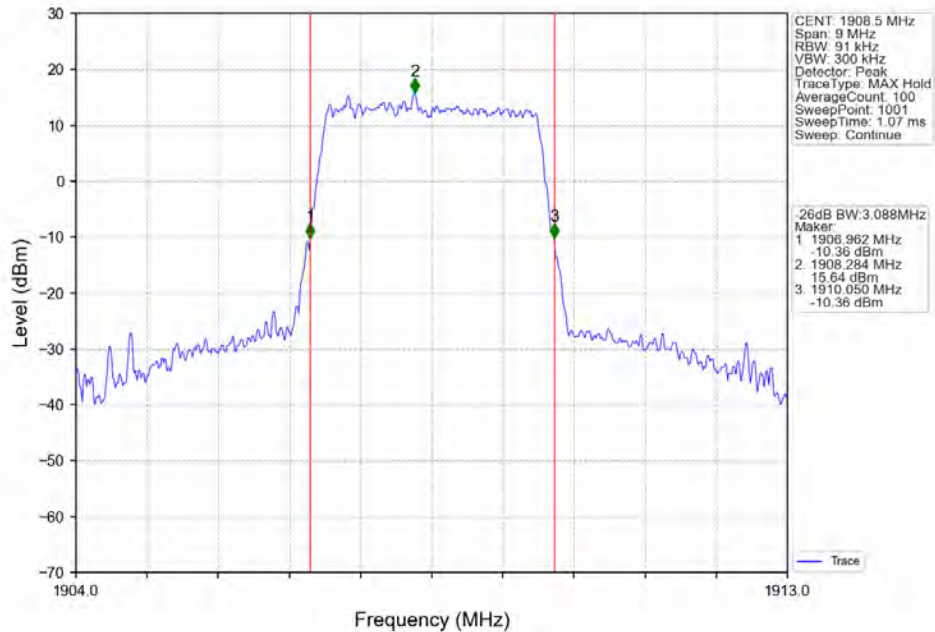
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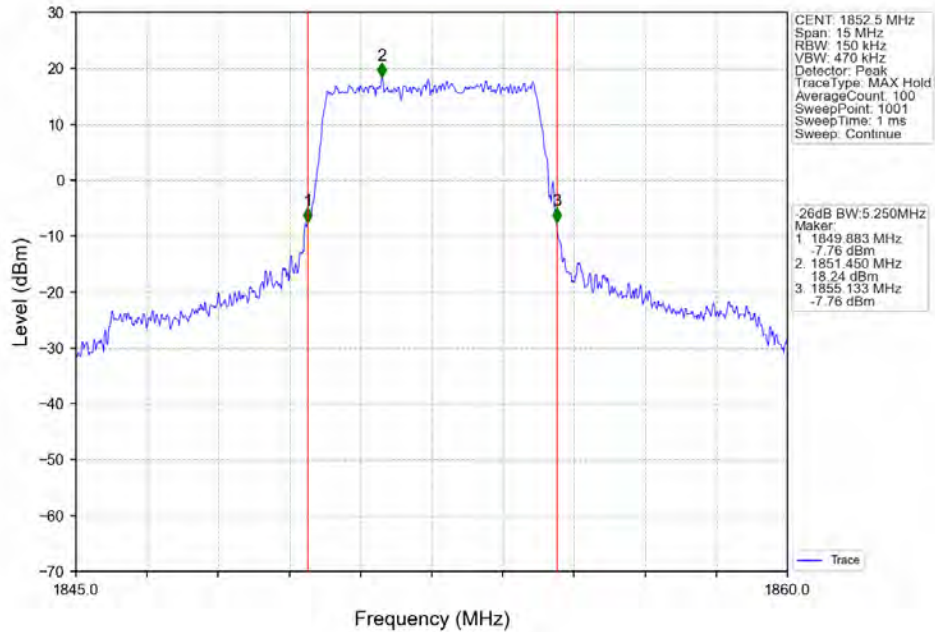
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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



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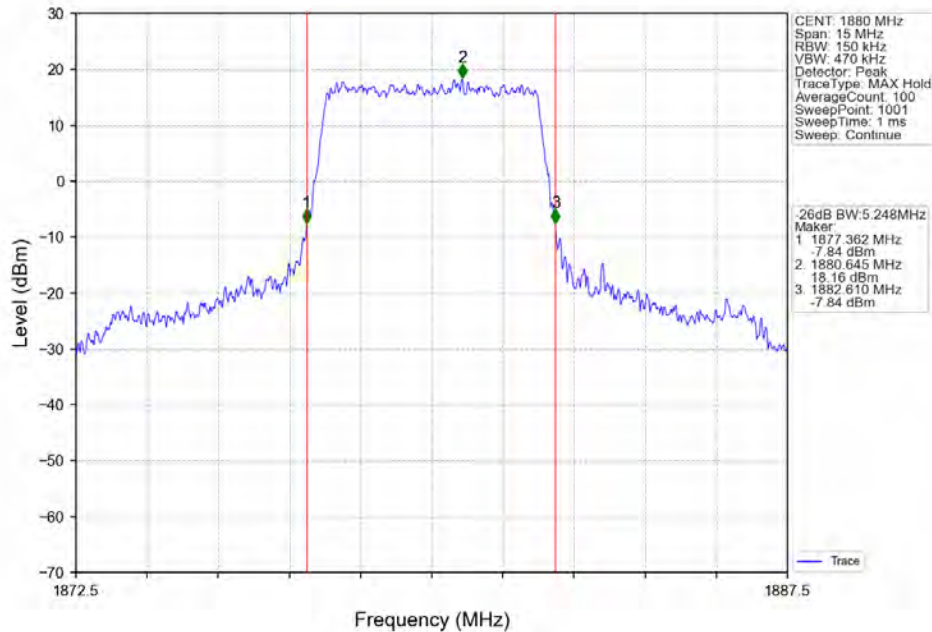
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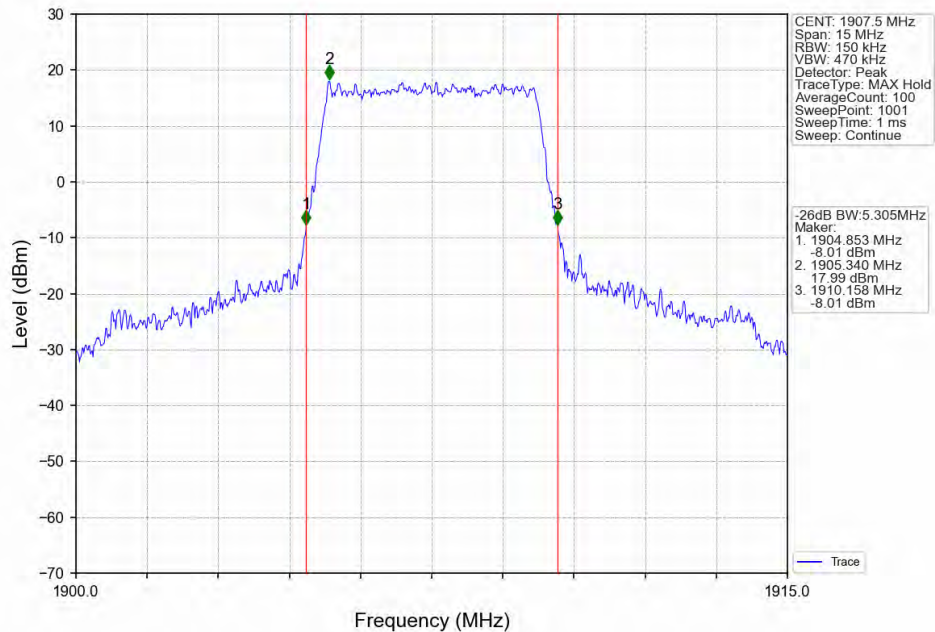
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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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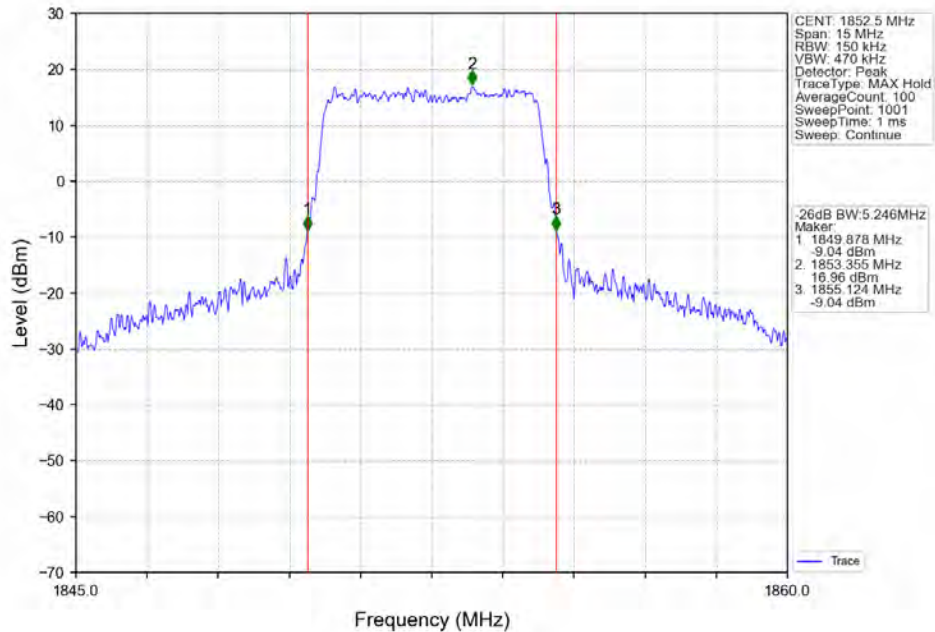
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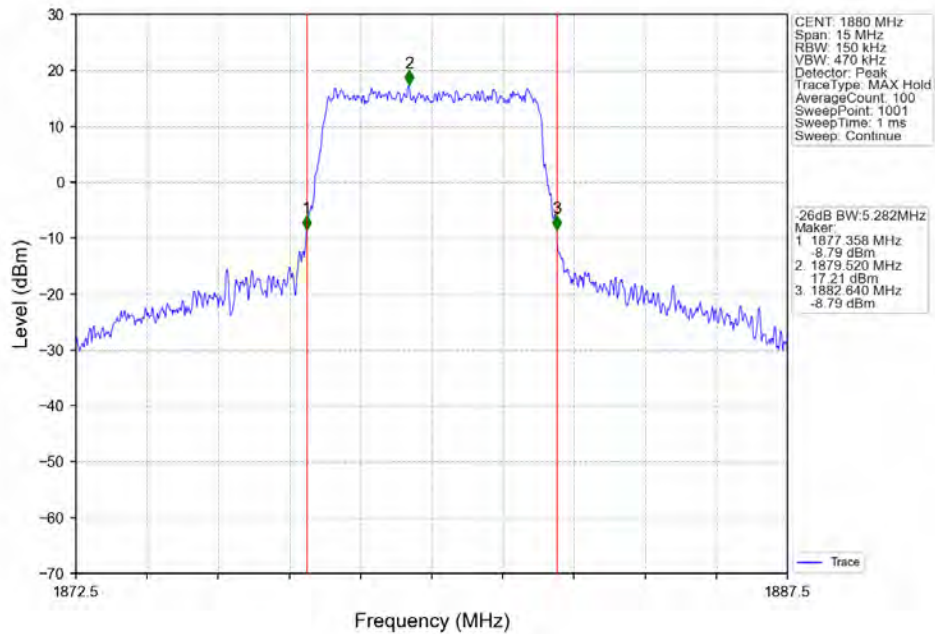
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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



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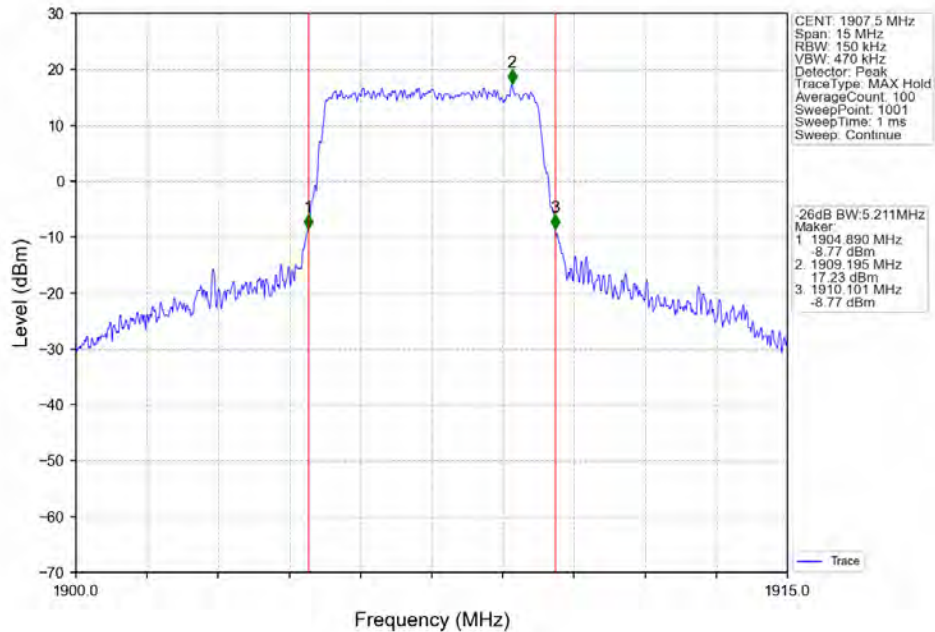
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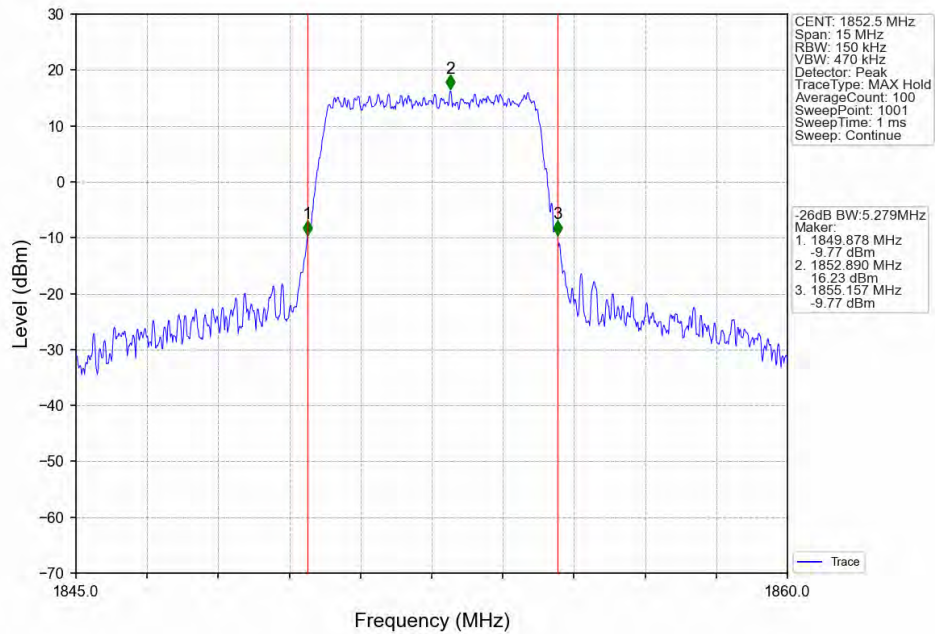
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Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



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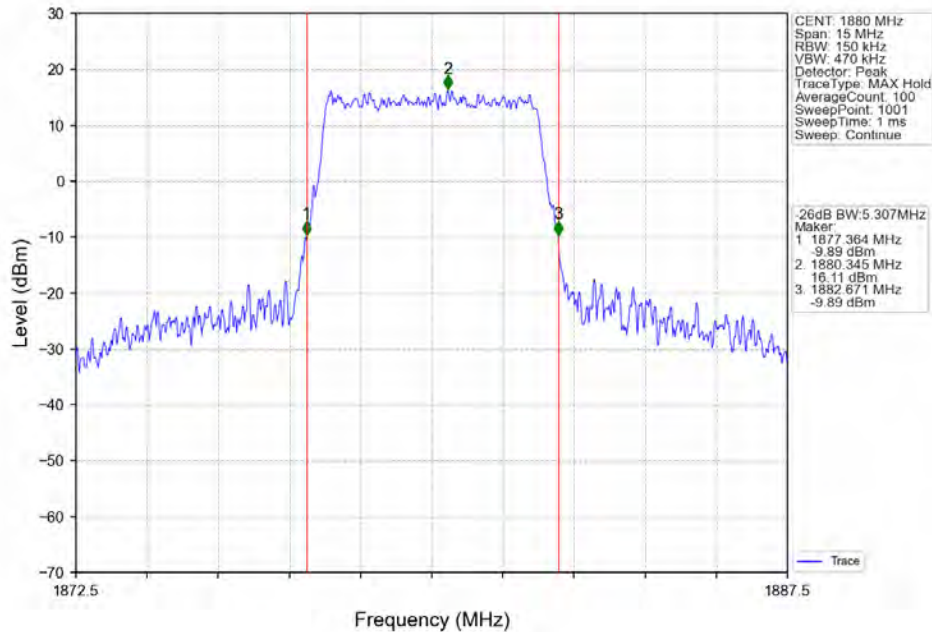
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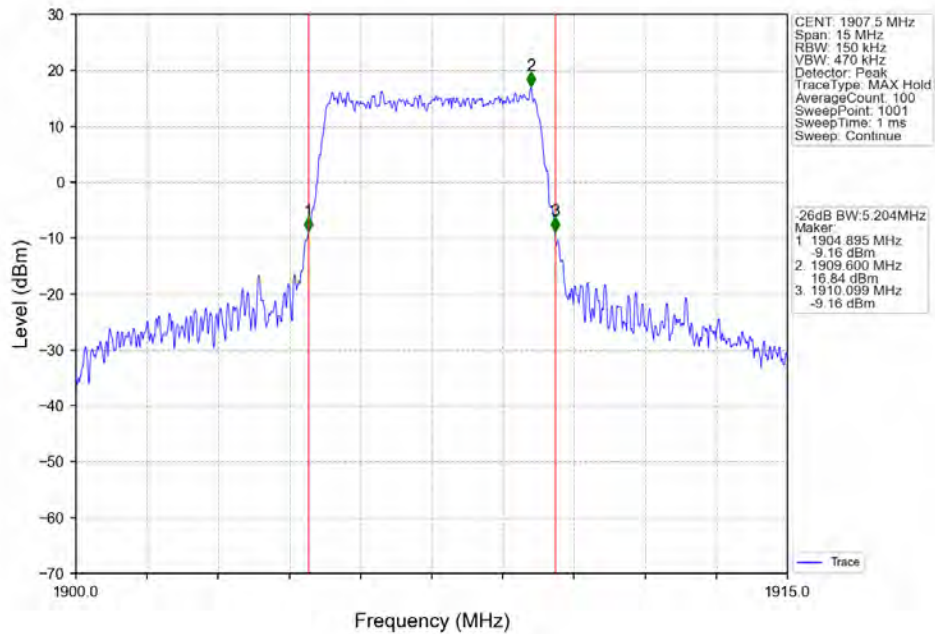
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Band2_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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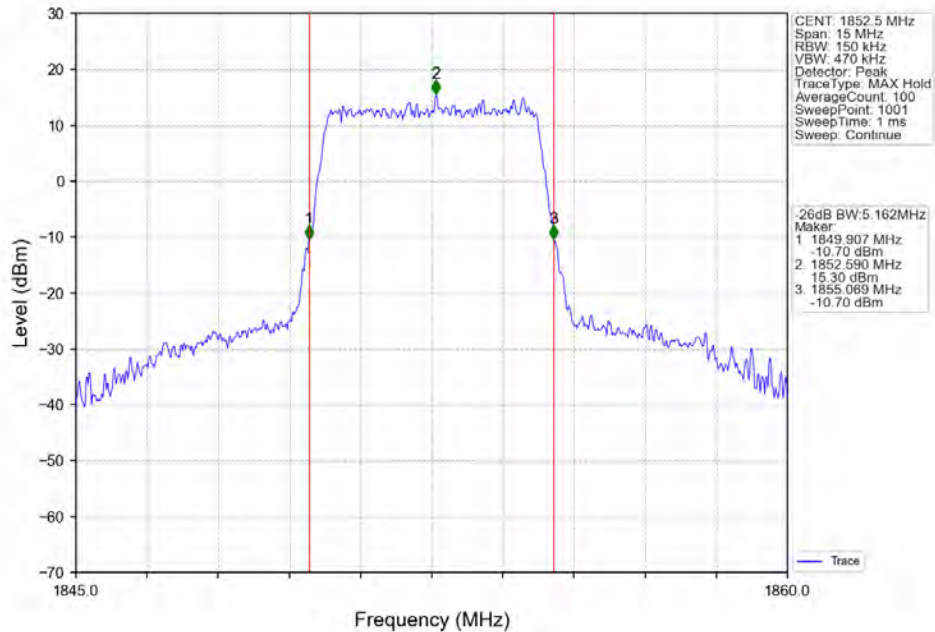
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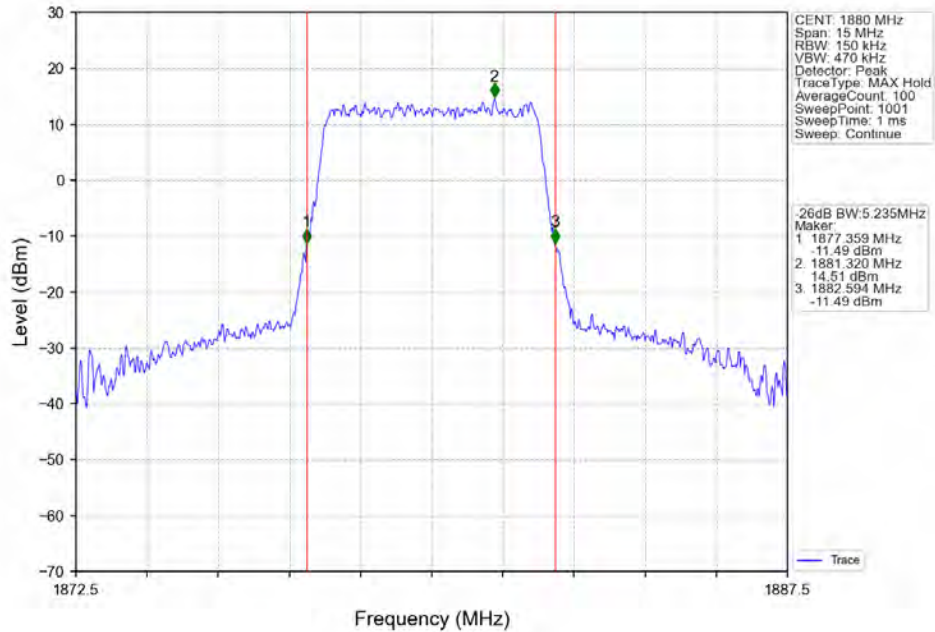
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Band2_5MHz_256QAM_HCH_1907.5MHz_RB_25_0_NTNV



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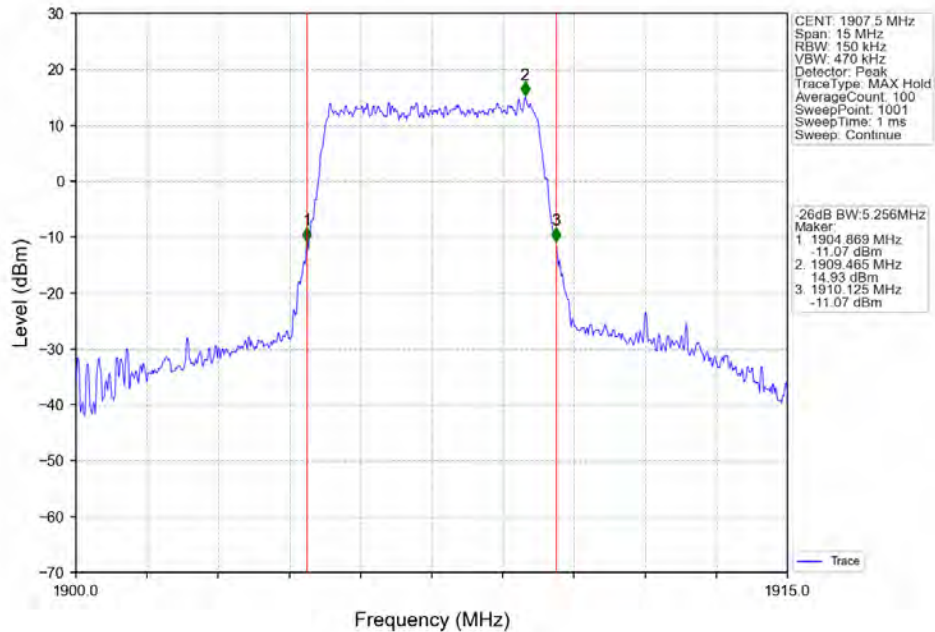
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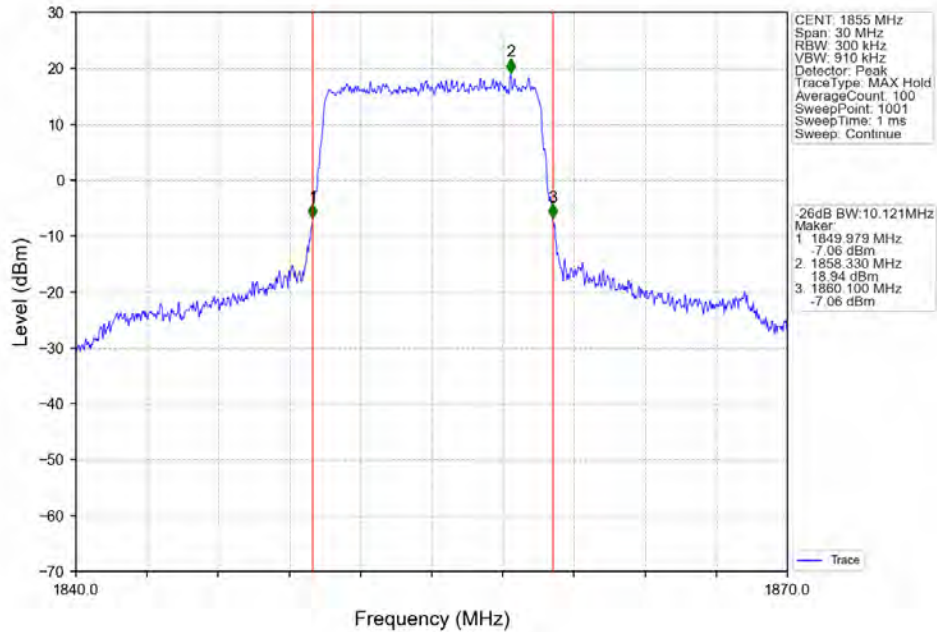
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Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



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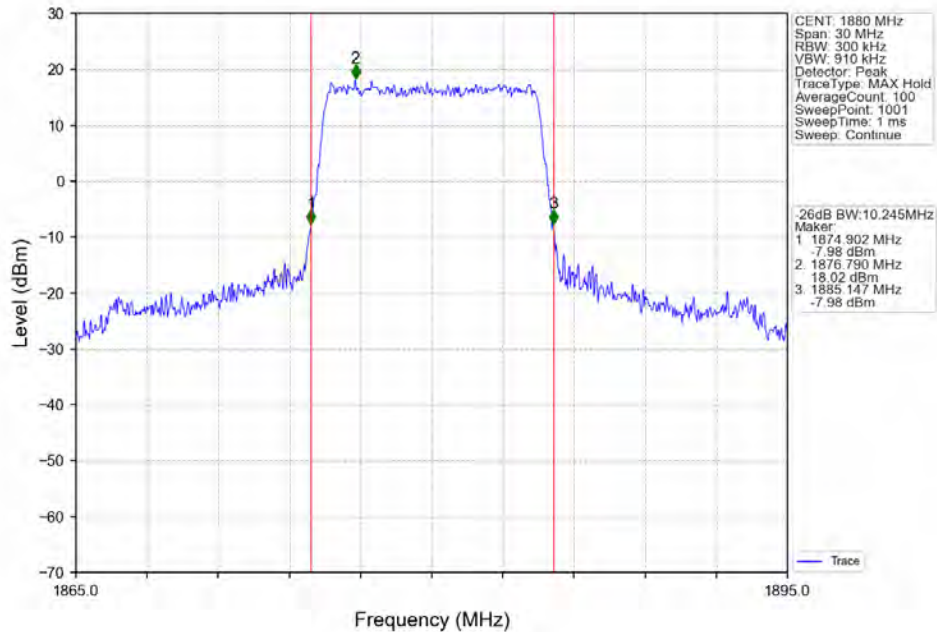
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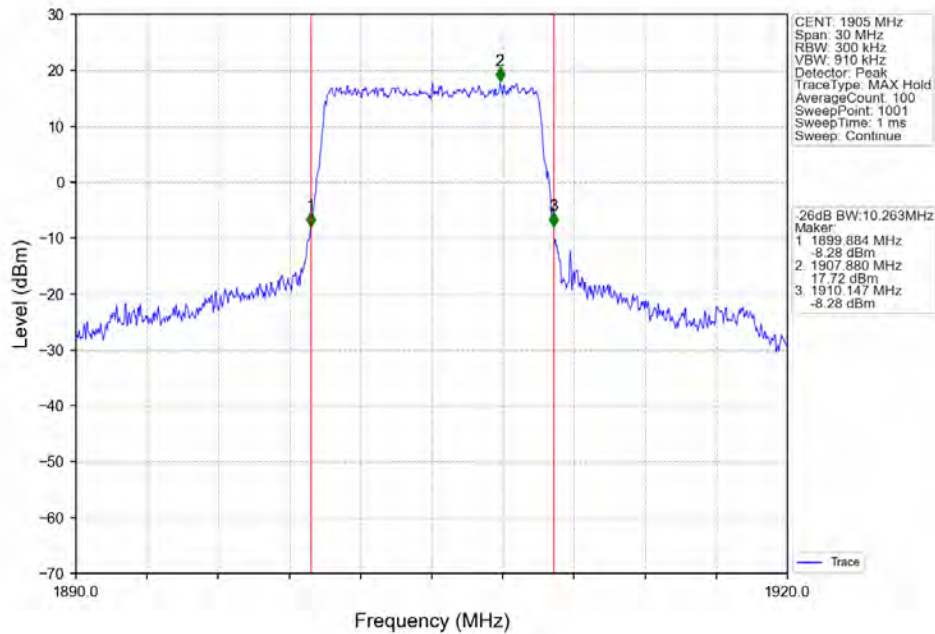
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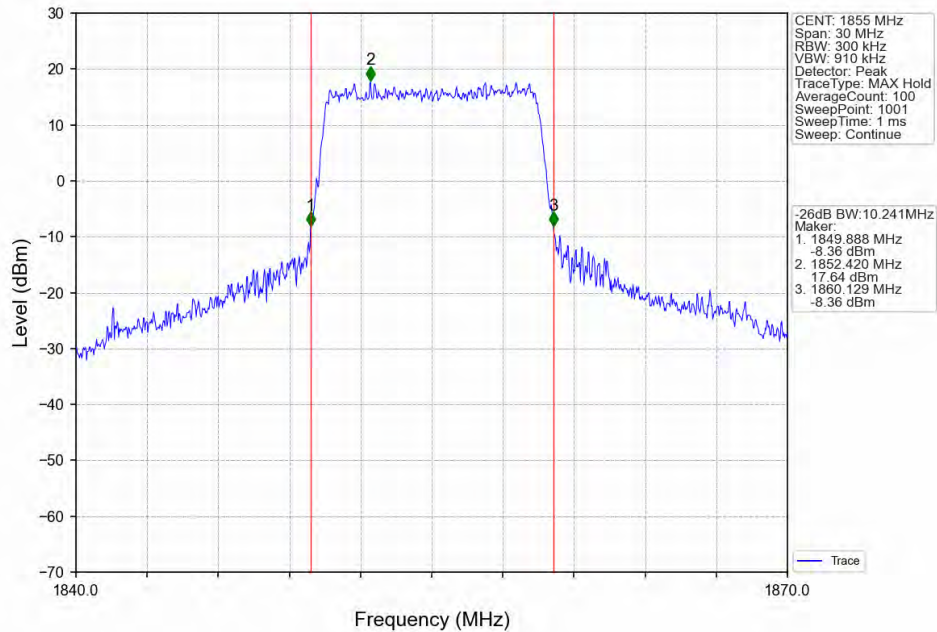
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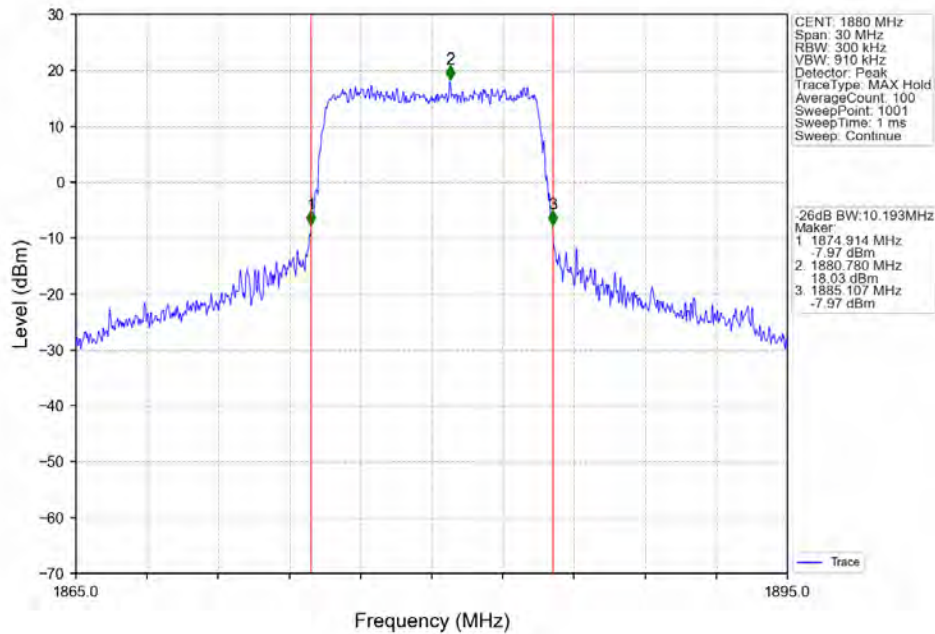
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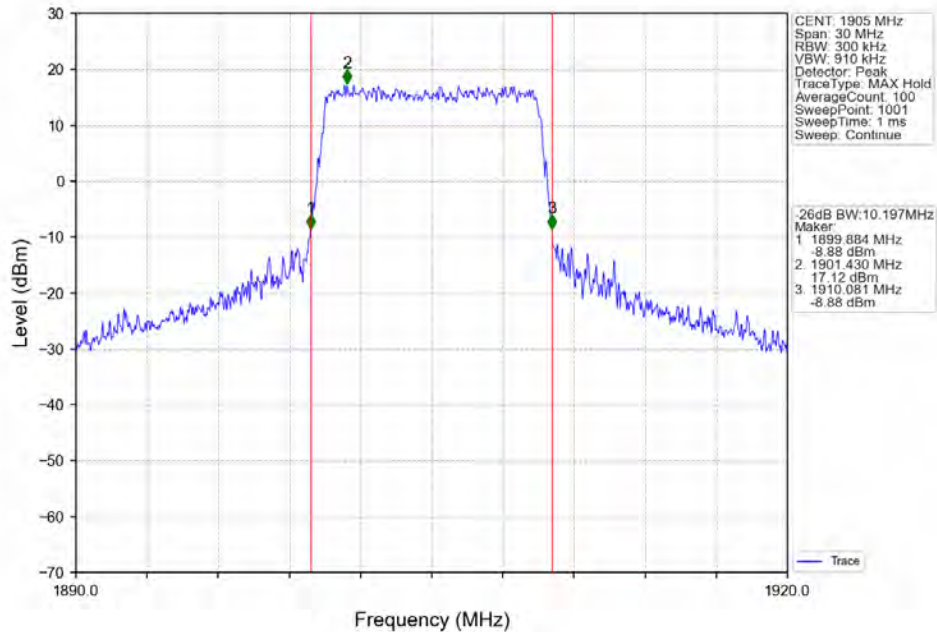
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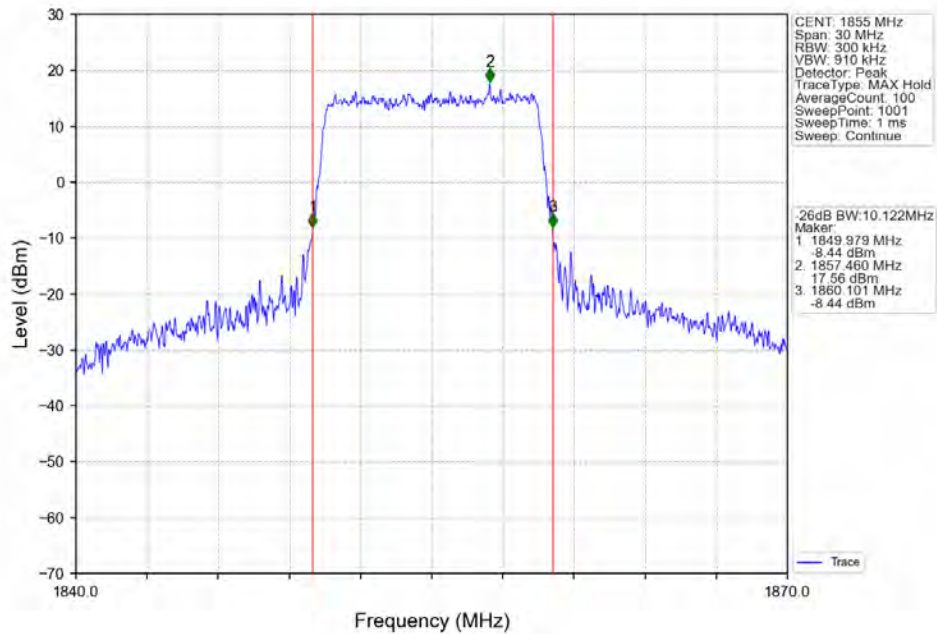
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Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



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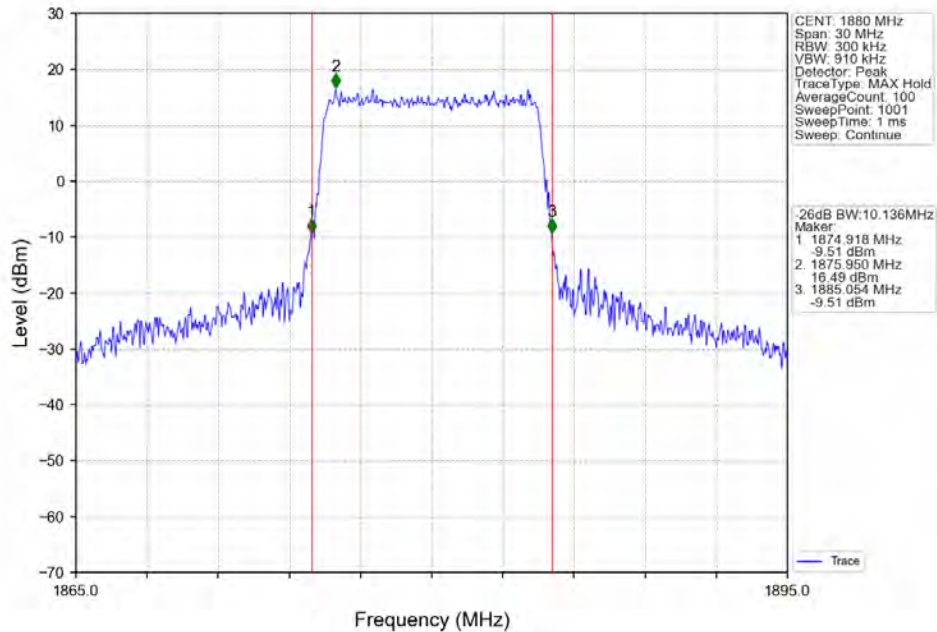
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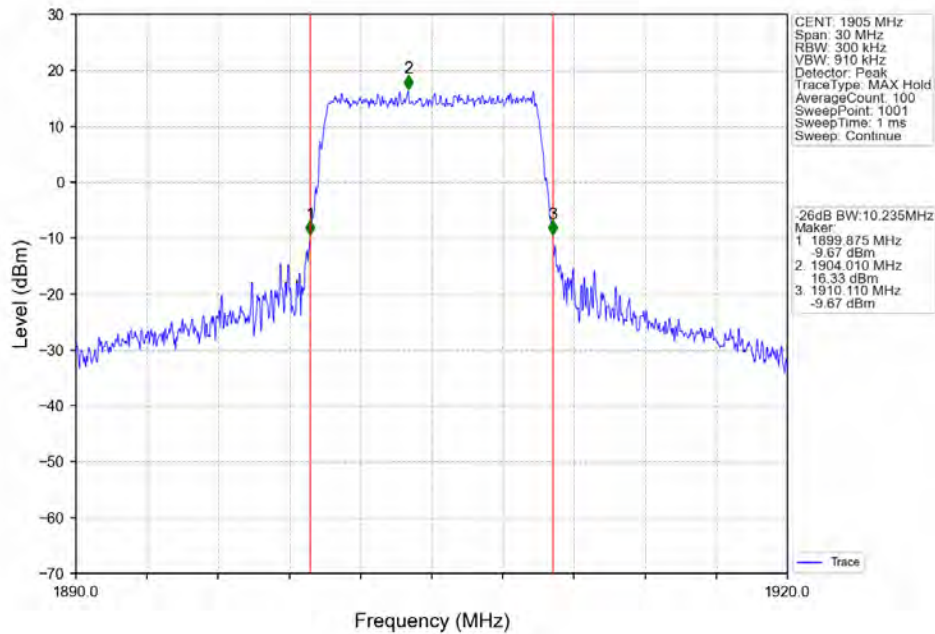
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Band2_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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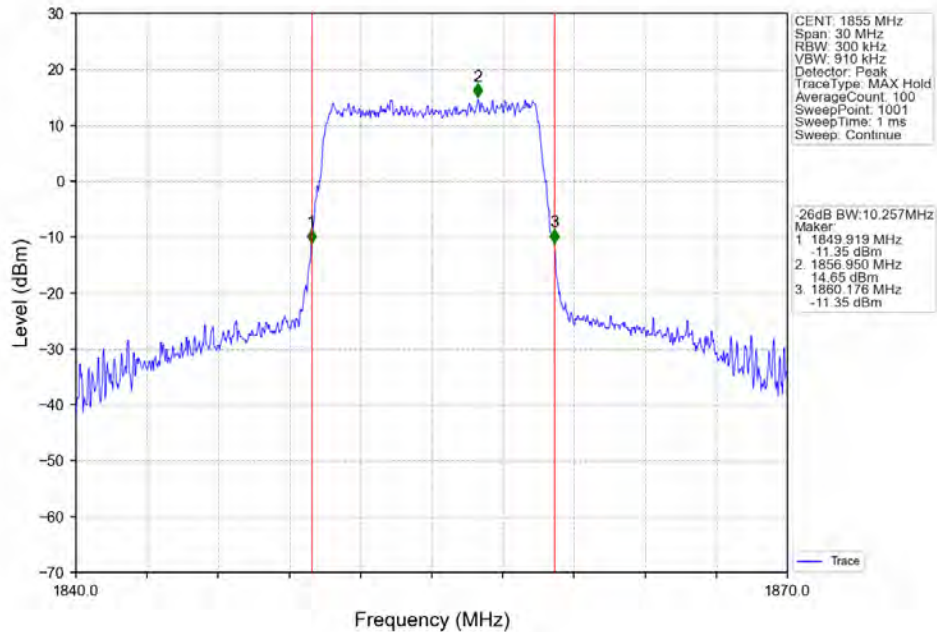
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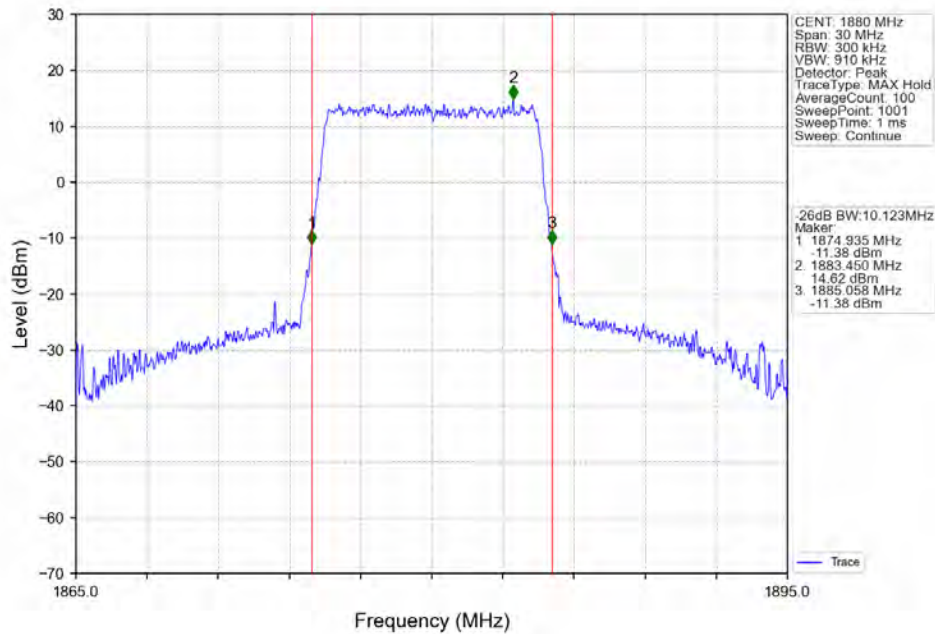
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Band2_10MHz_256QAM_HCH_1905MHz_RB_50_0_NTNV



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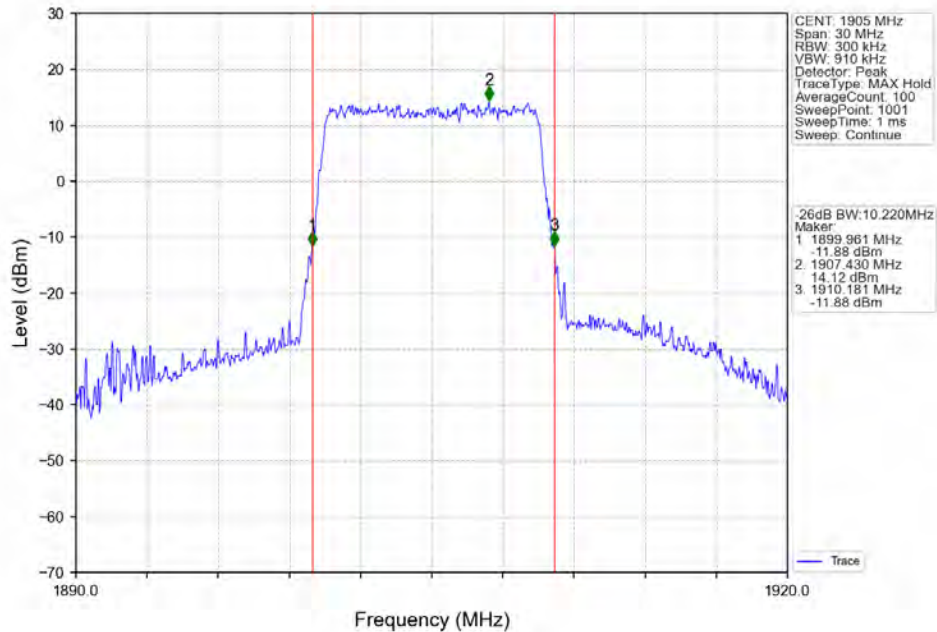
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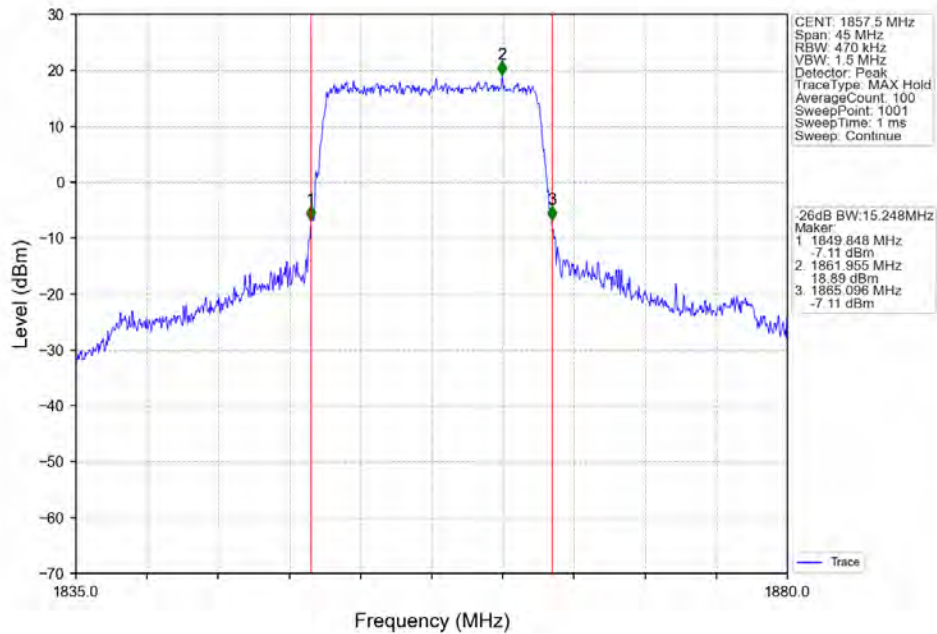
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Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



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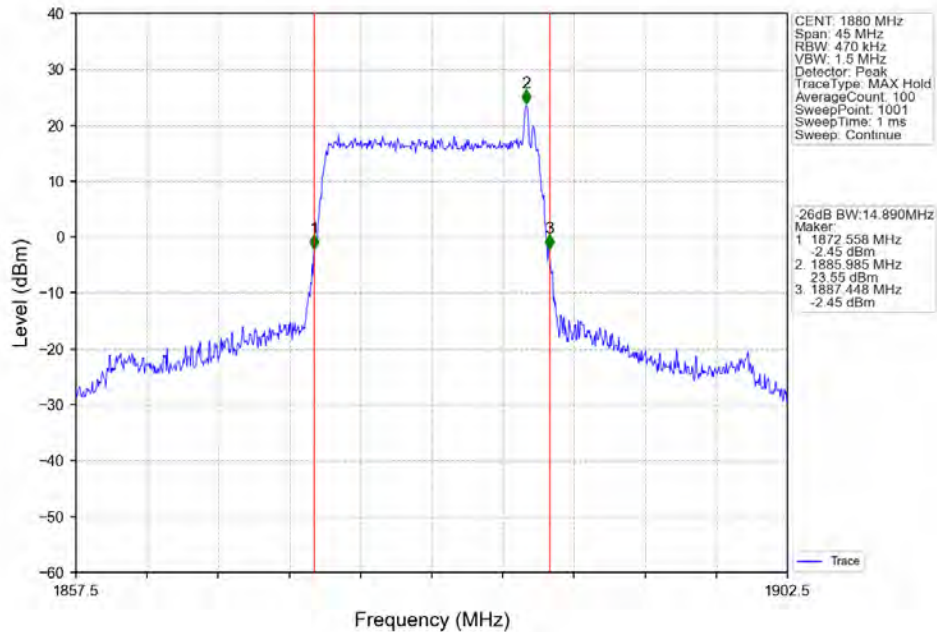
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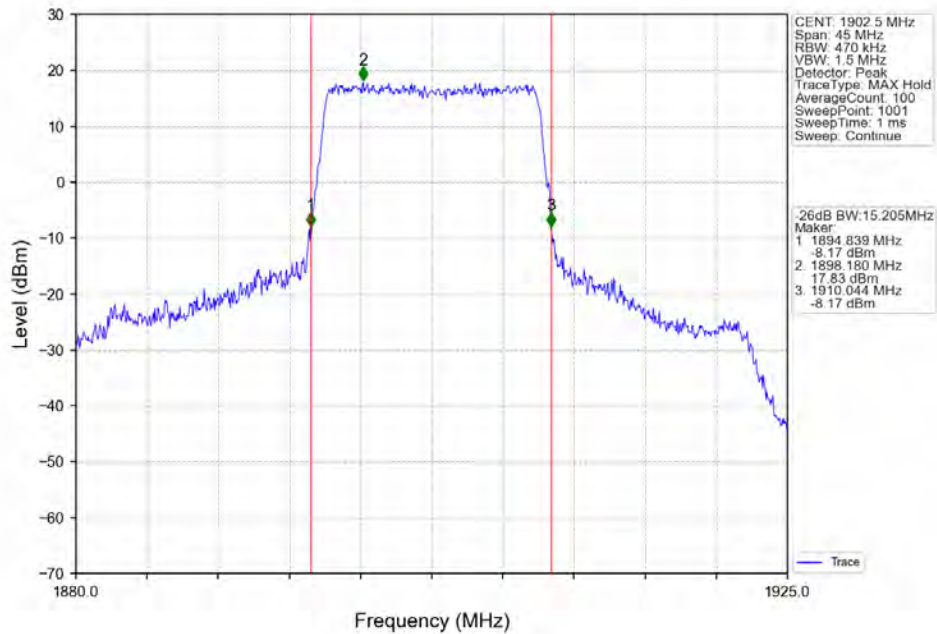
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Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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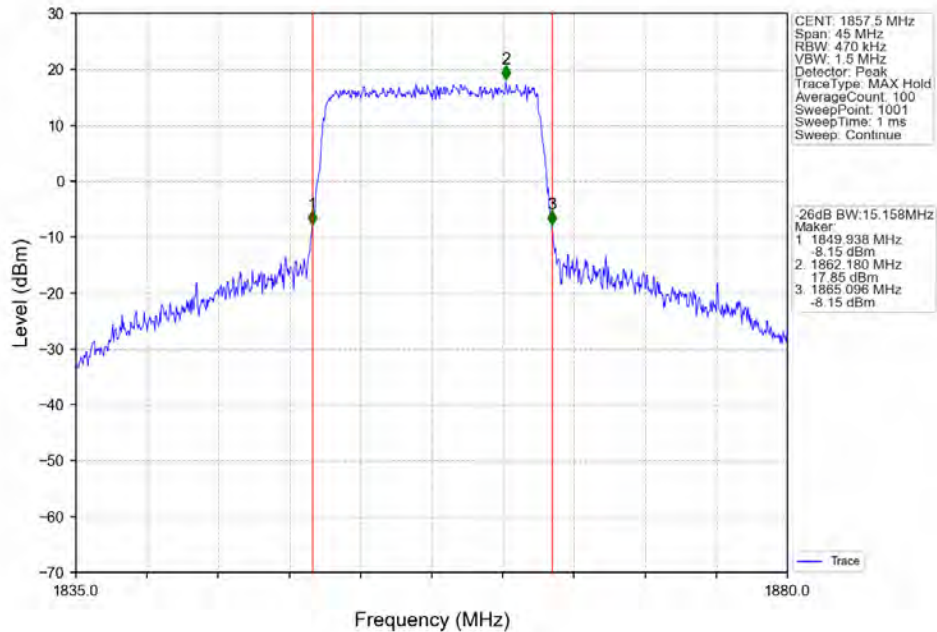
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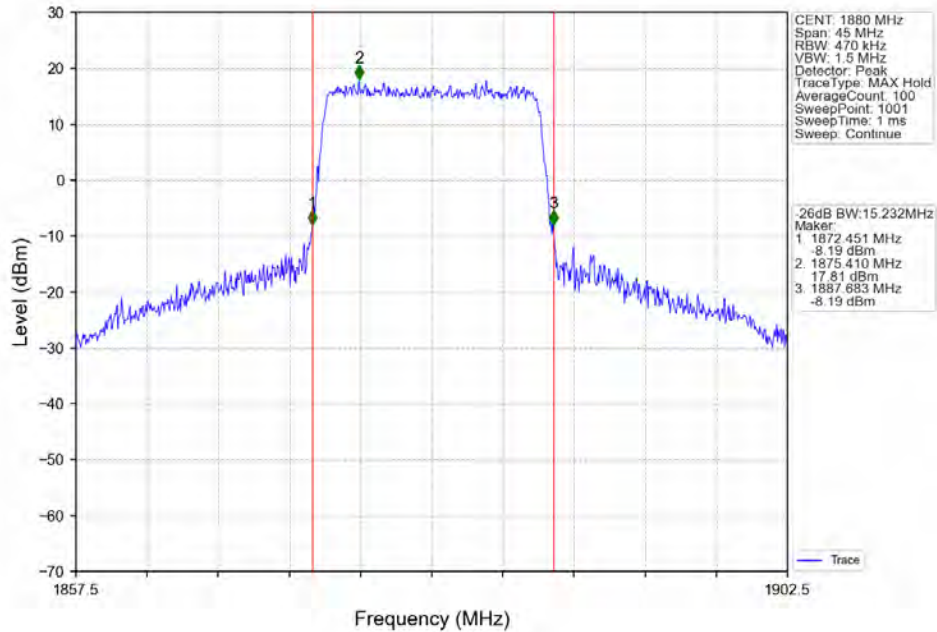
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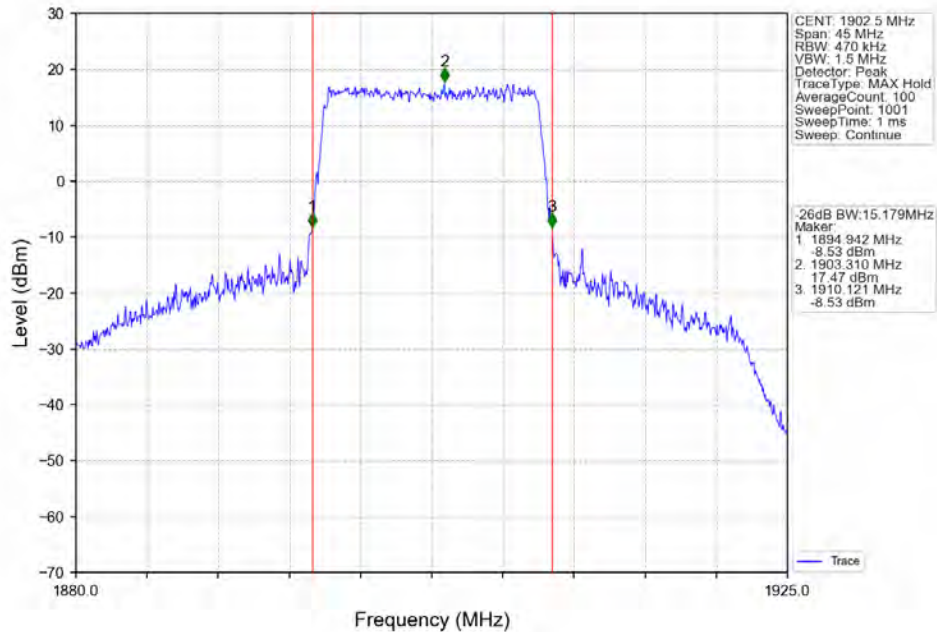
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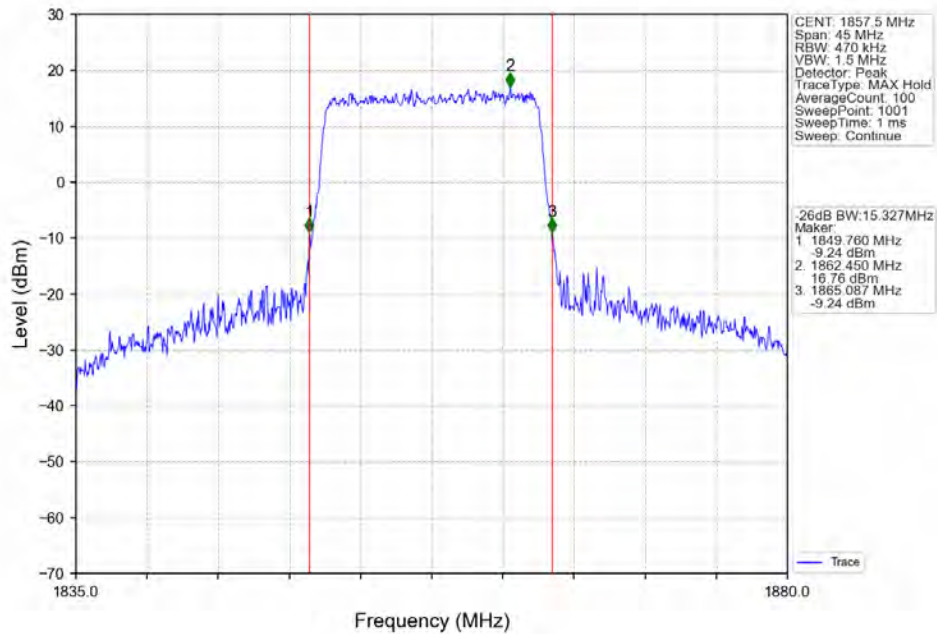
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Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



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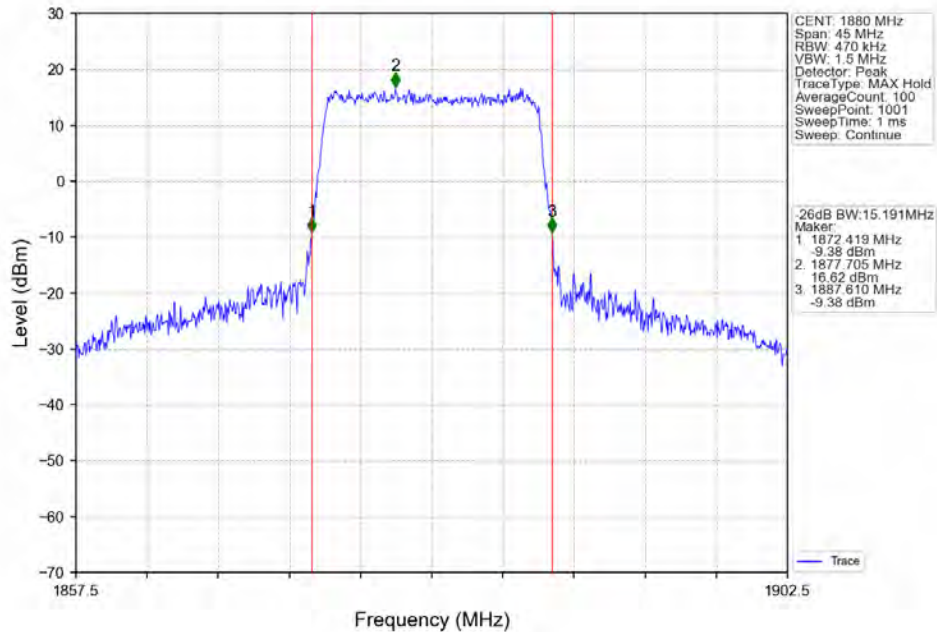
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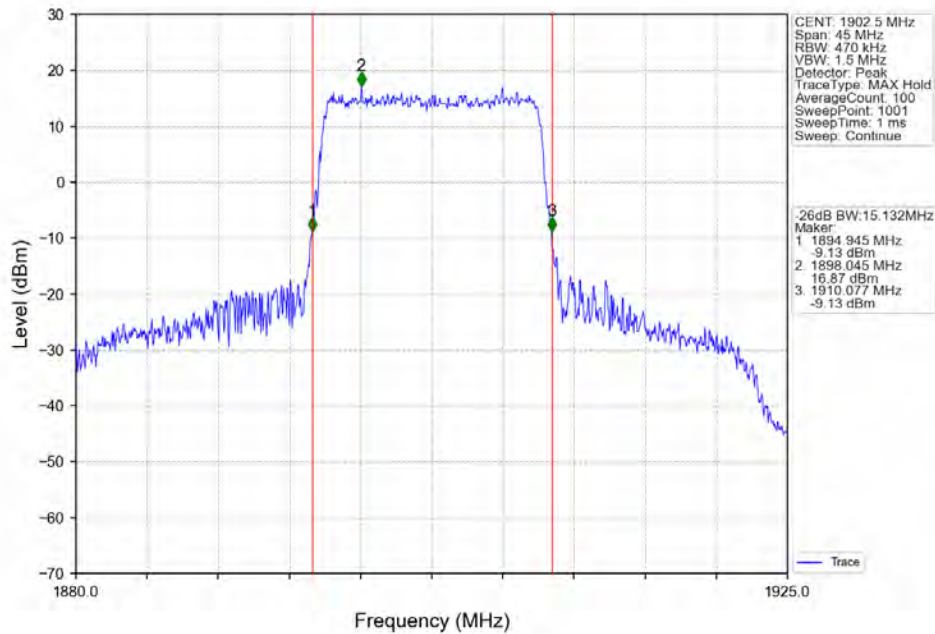
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Band2_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV



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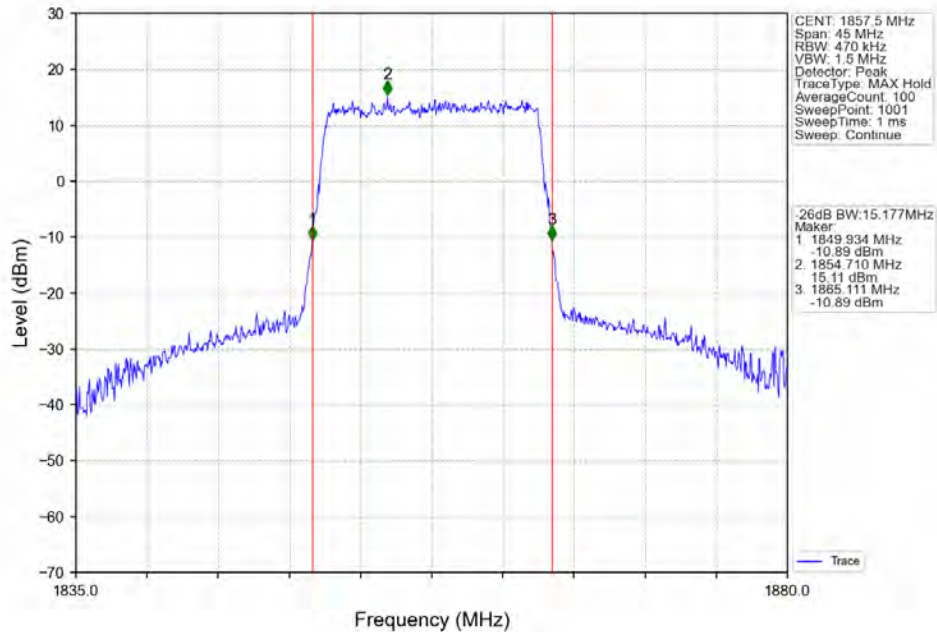
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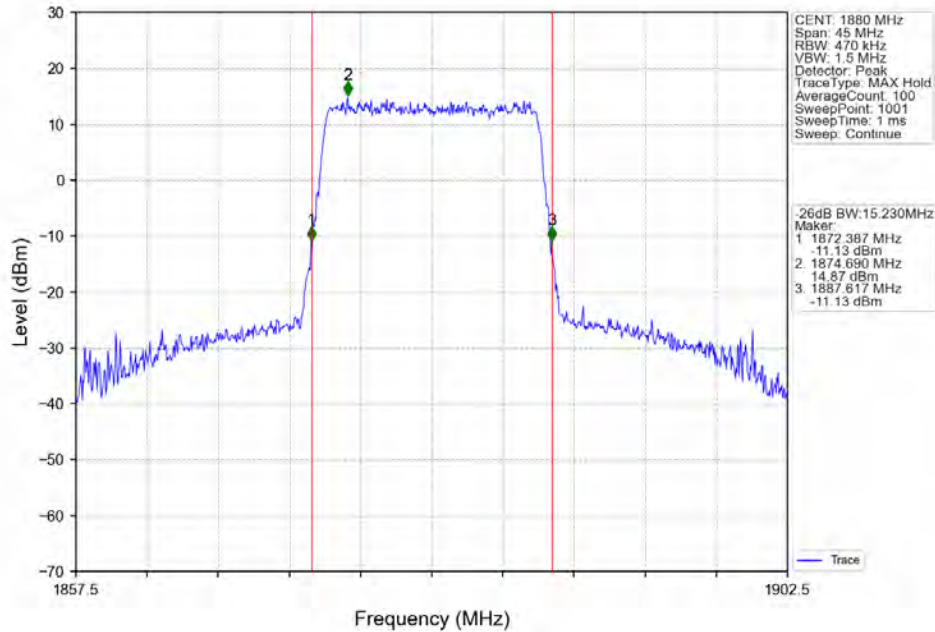
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Band2_15MHz_256QAM_HCH_1902.5MHz_RB_75_0_NTNV



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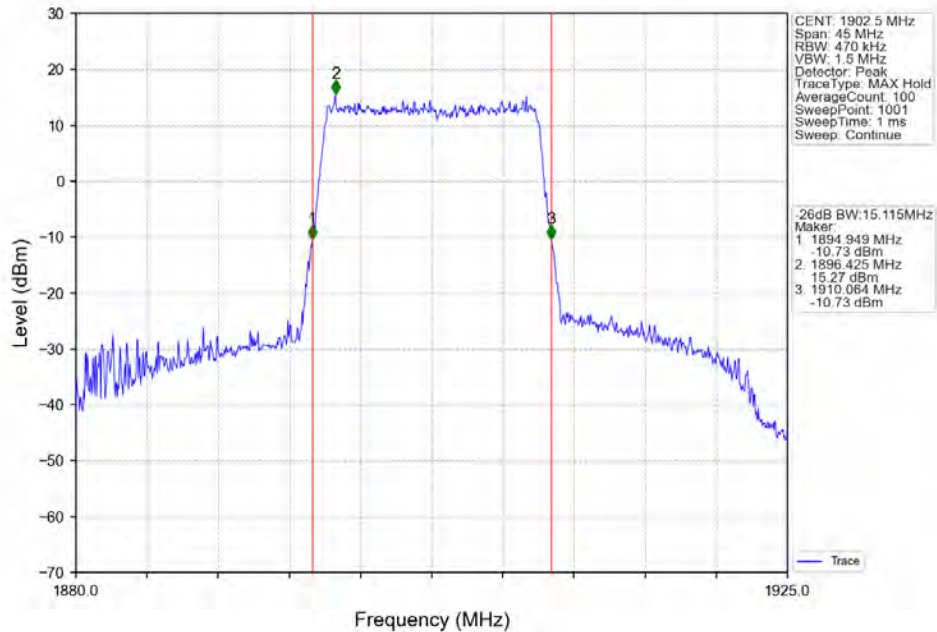
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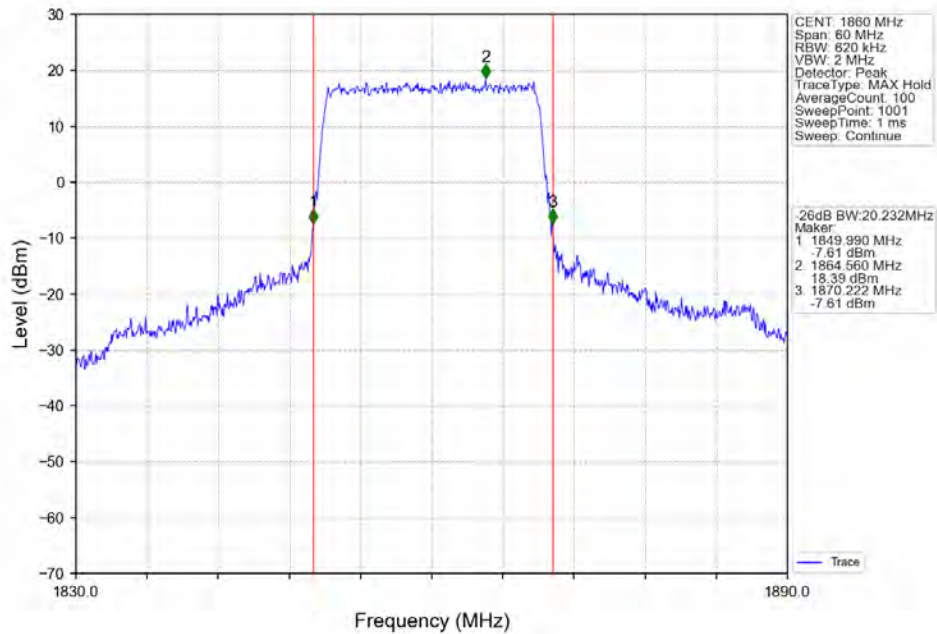
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Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



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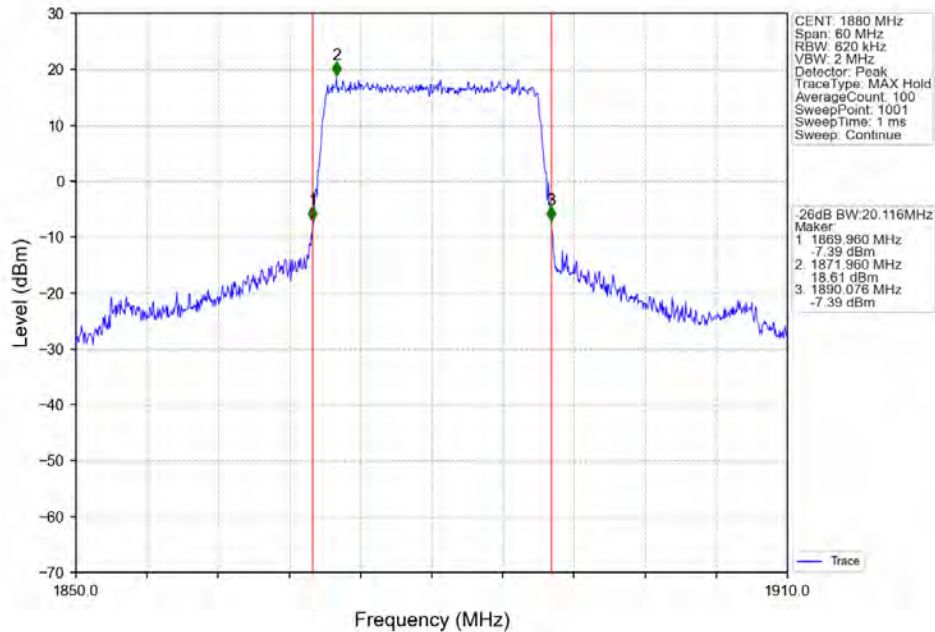
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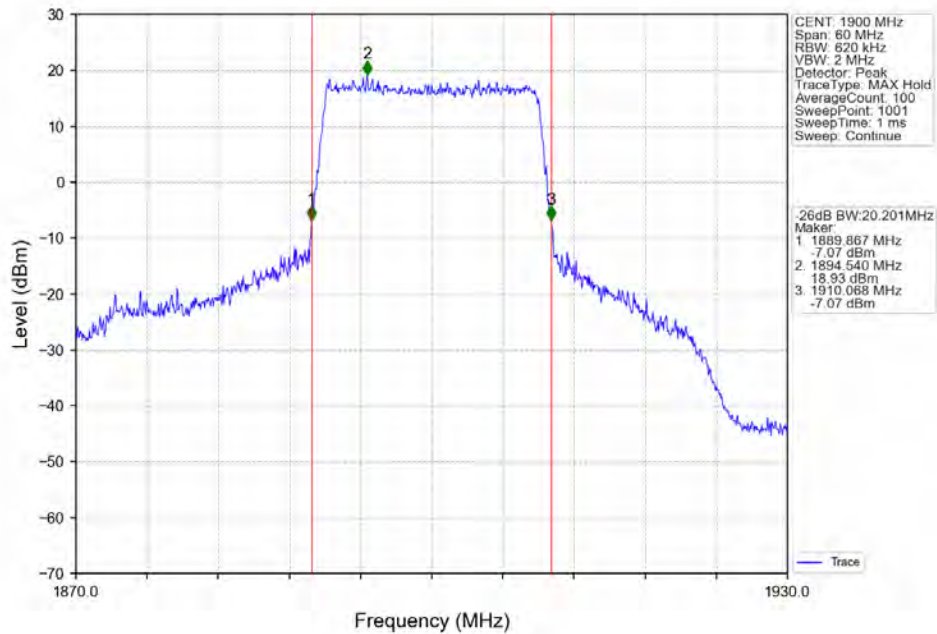
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Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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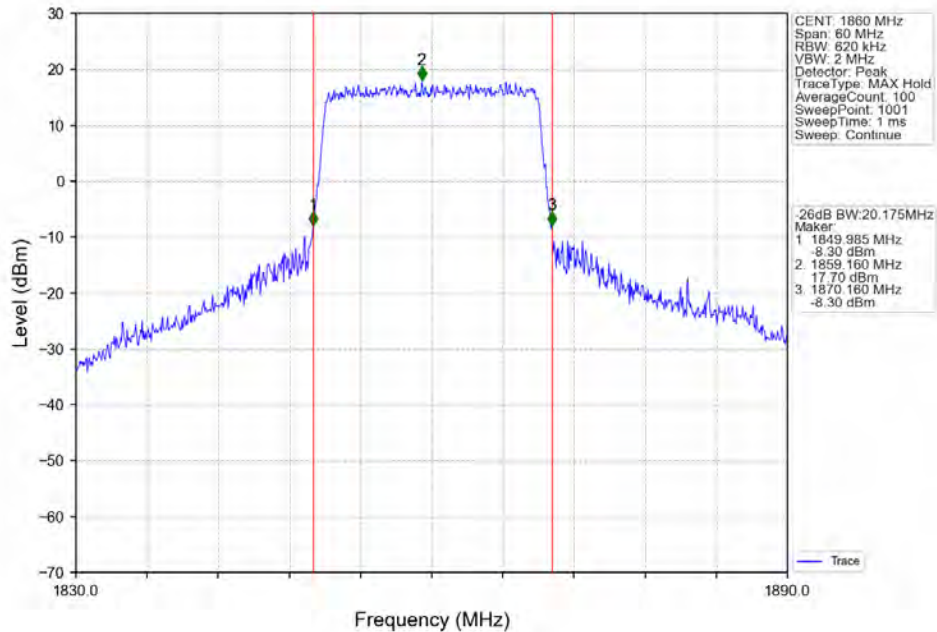
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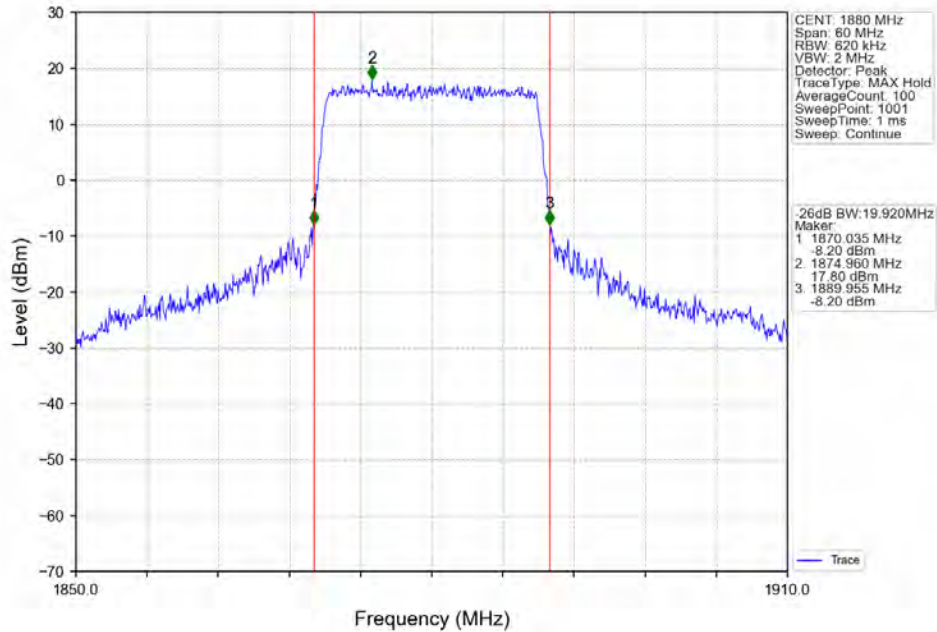
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Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



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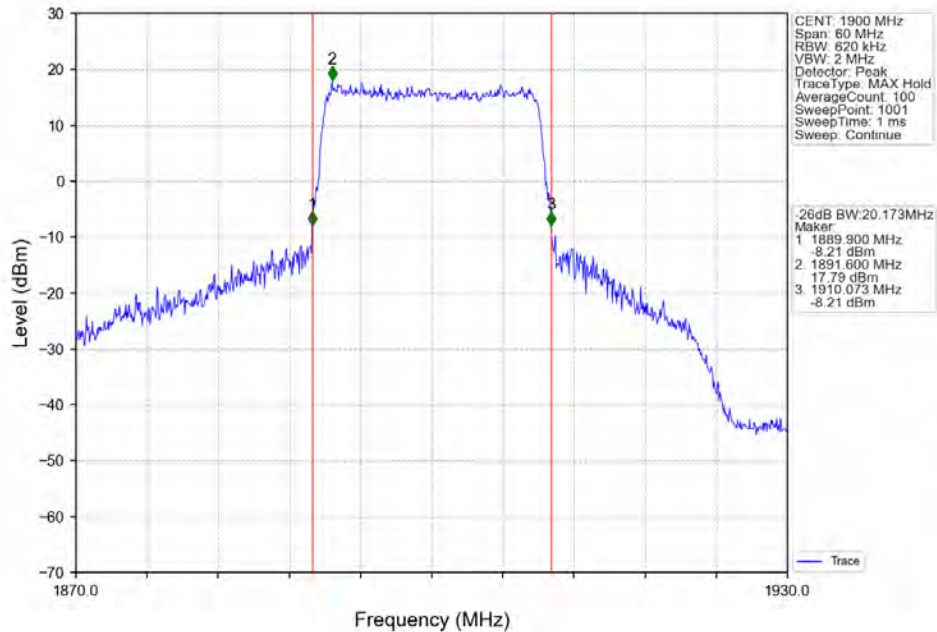
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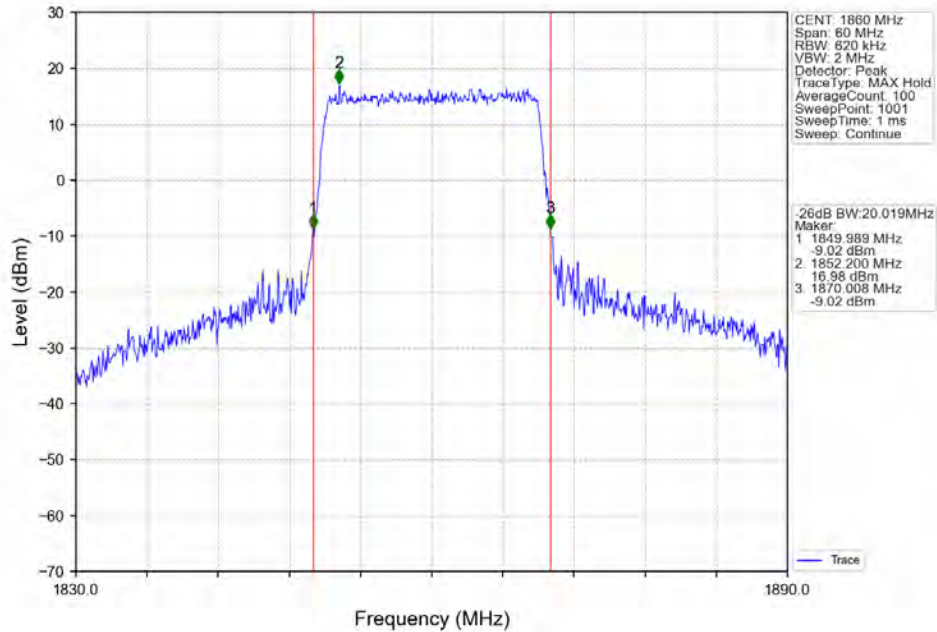
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Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



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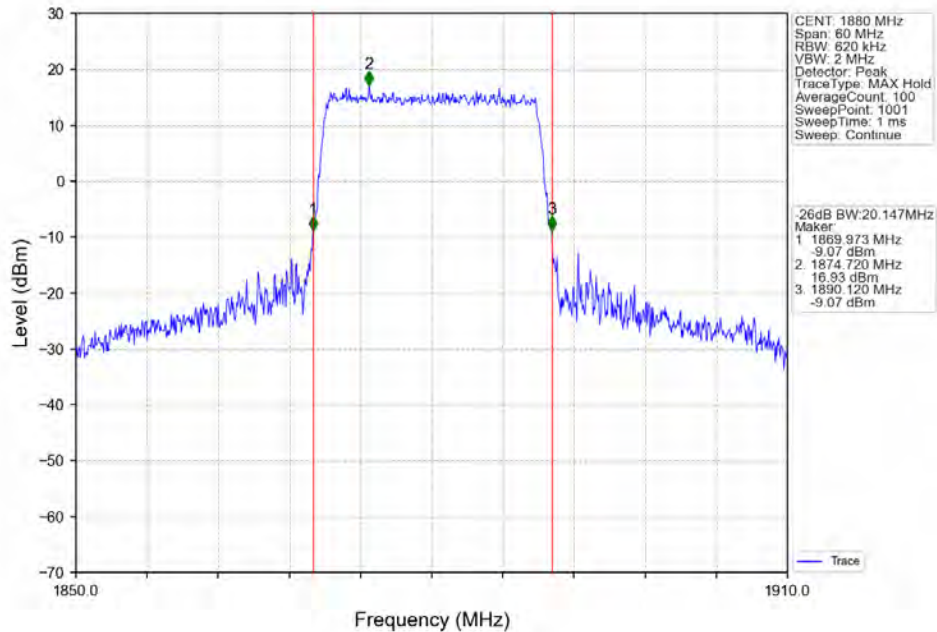
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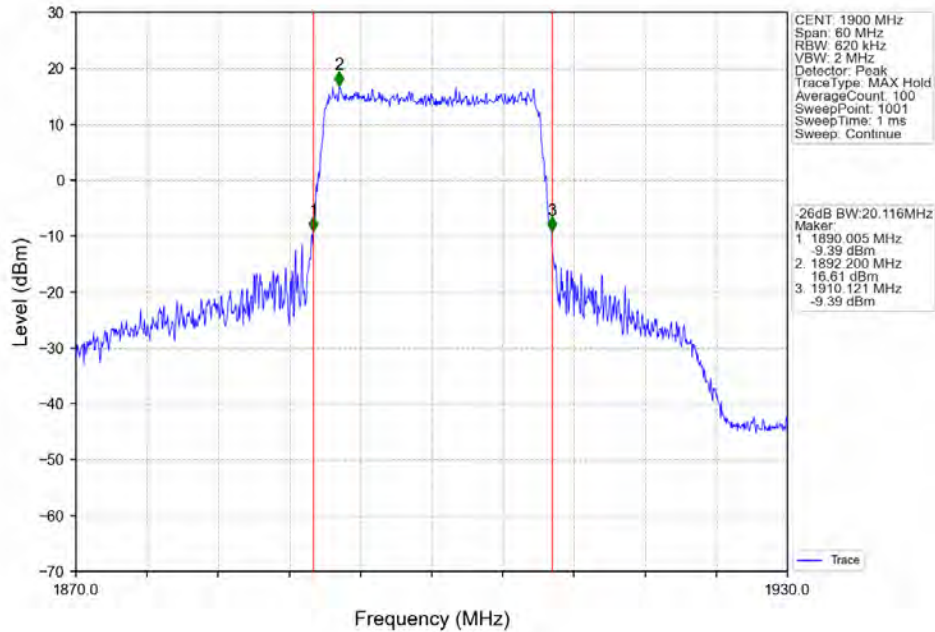
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Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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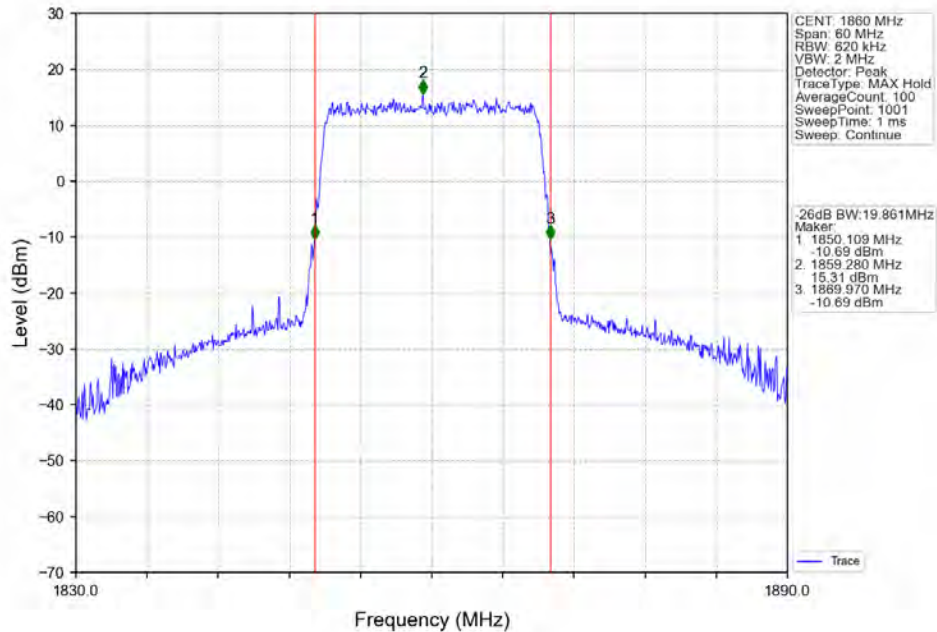
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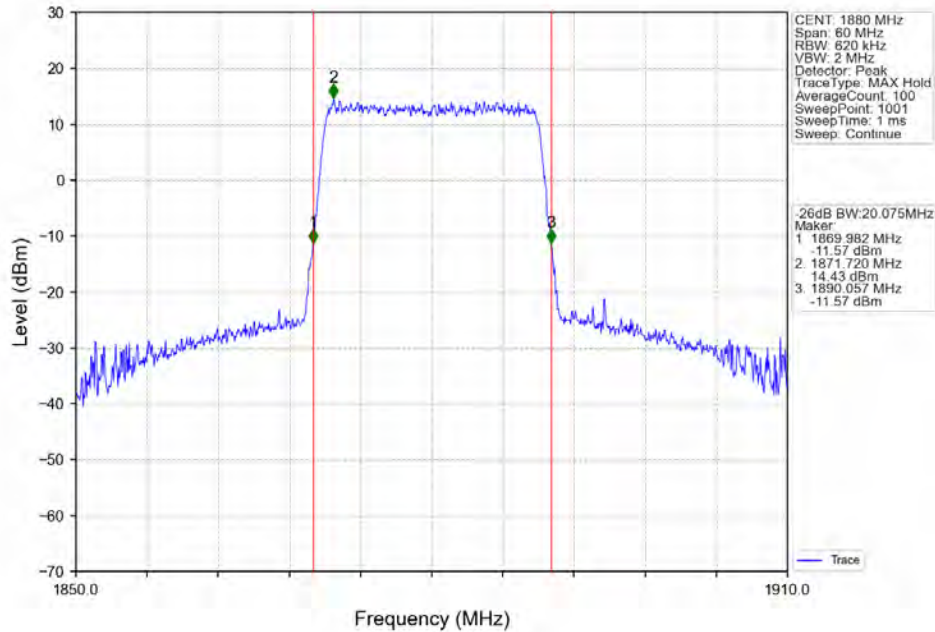
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Band2_20MHz_256QAM_HCH_1900MHz_RB_100_0_NTNV



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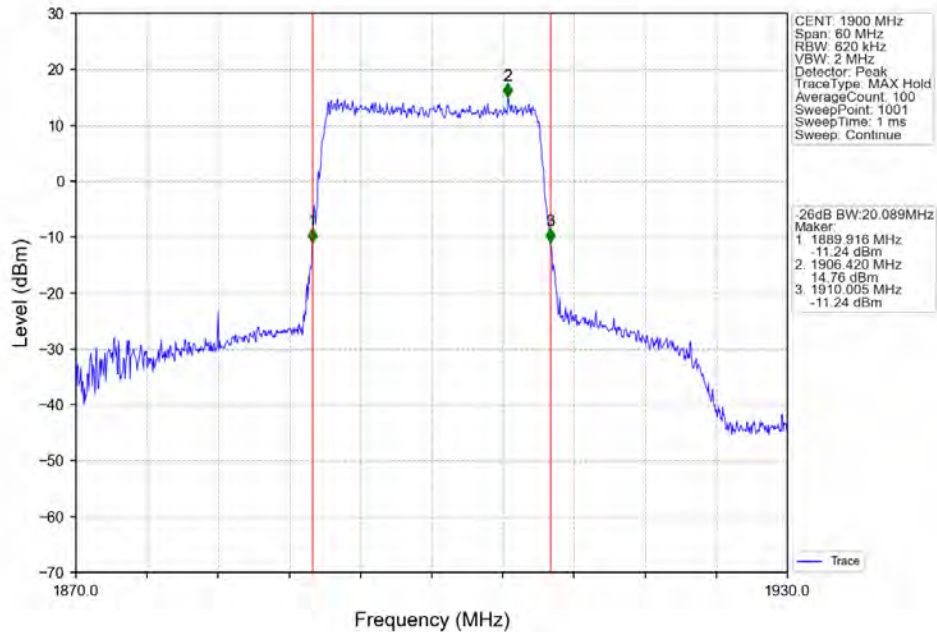
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5. Peak-Average Ratio

5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.85	<=13	Pass
	1880	6	0	4.74	<=13	Pass
	1909.3	6	0	4.63	<=13	Pass
16QAM	1850.7	6	0	5.79	<=13	Pass
	1880	6	0	5.71	<=13	Pass
	1909.3	6	0	5.61	<=13	Pass
64QAM	1850.7	6	0	6.45	<=13	Pass
	1880	6	0	6.37	<=13	Pass
	1909.3	6	0	7.57	<=13	Pass
256QAM	1850.7	6	0	6.89	<=13	Pass
	1880	6	0	6.88	<=13	Pass
	1909.3	6	0	6.82	<=13	Pass



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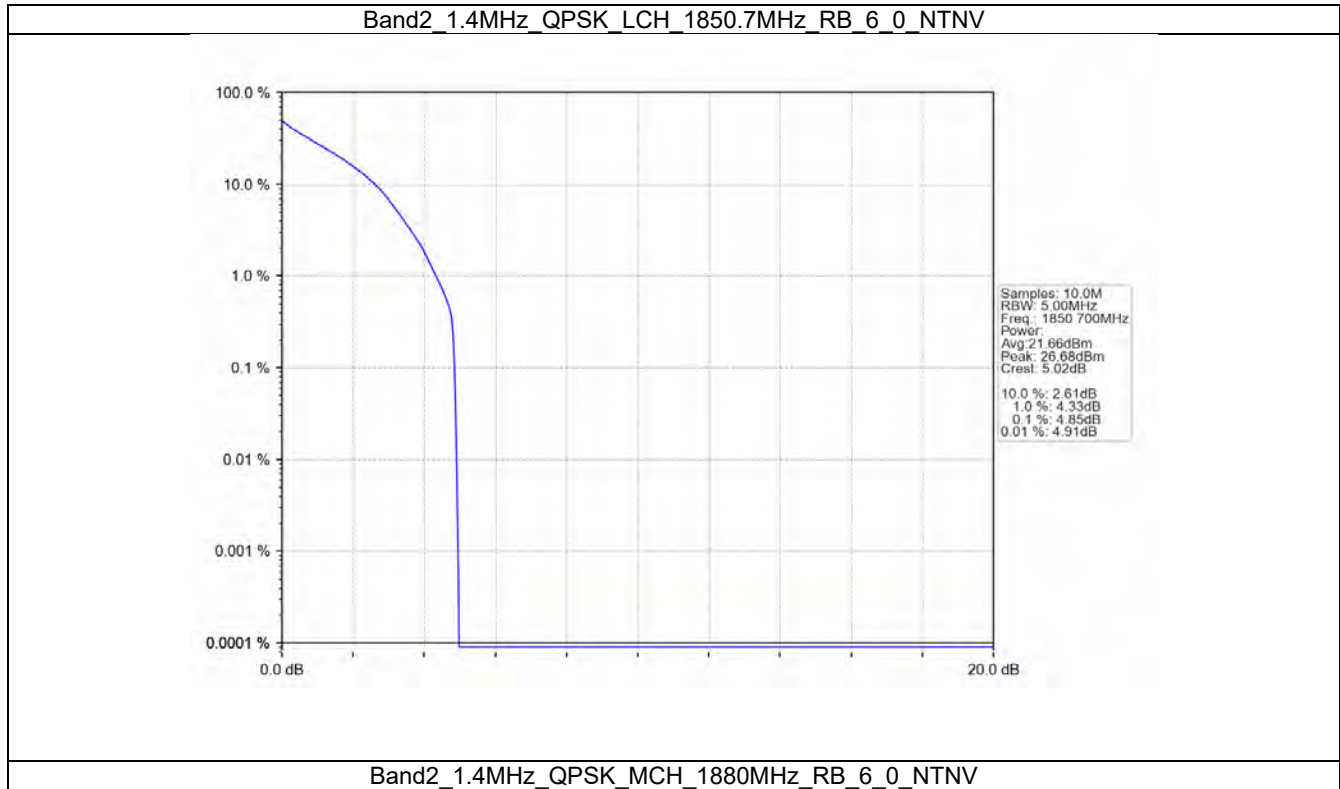
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5.1.2 Test Graph



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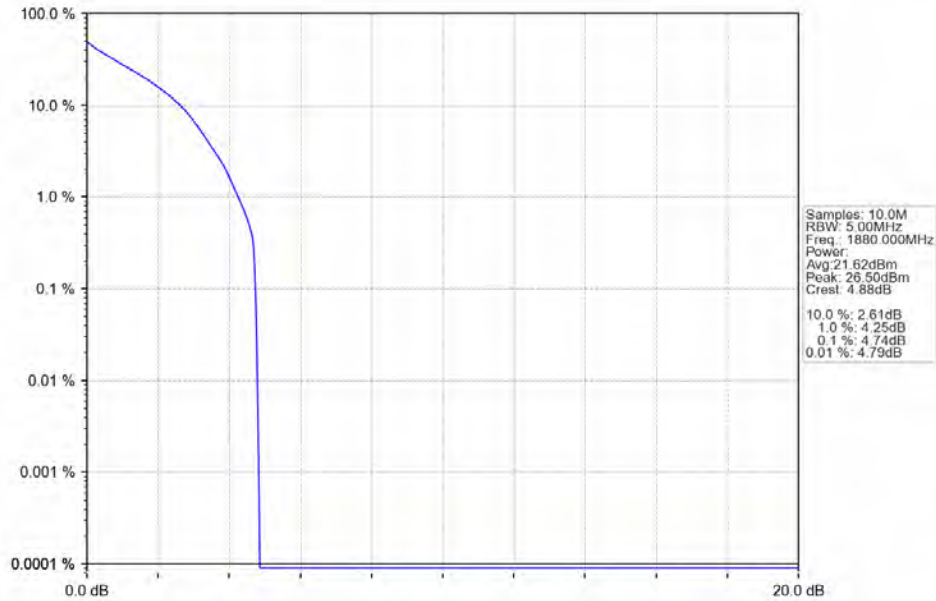
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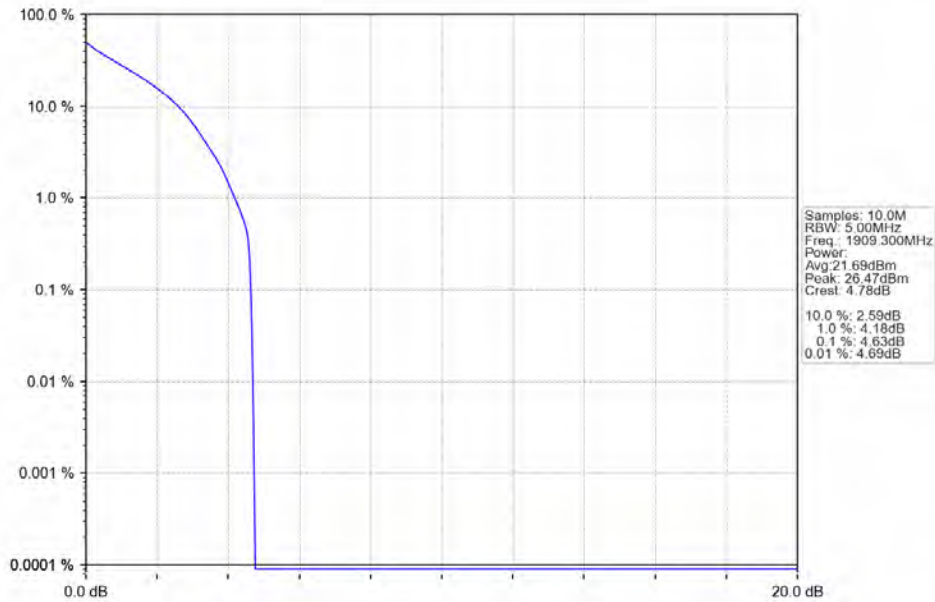
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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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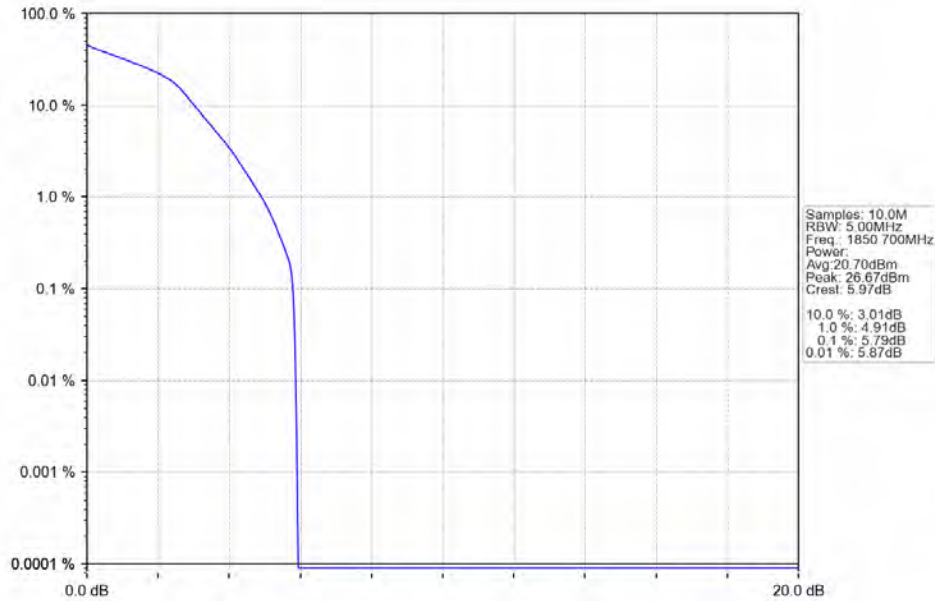
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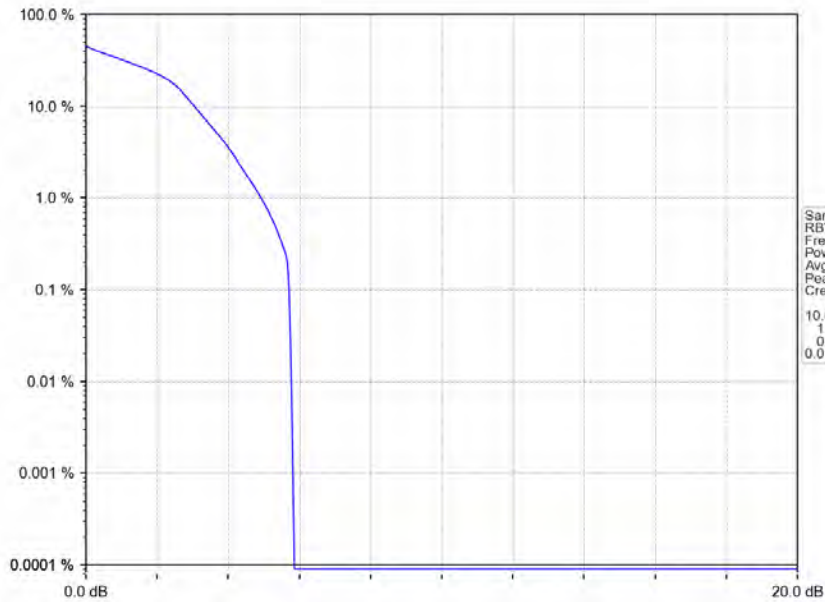
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Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



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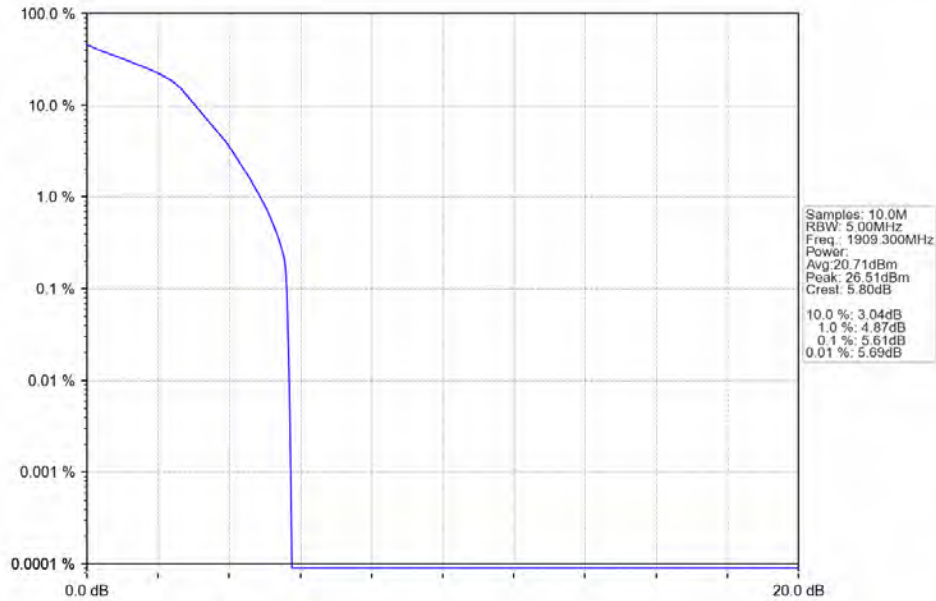
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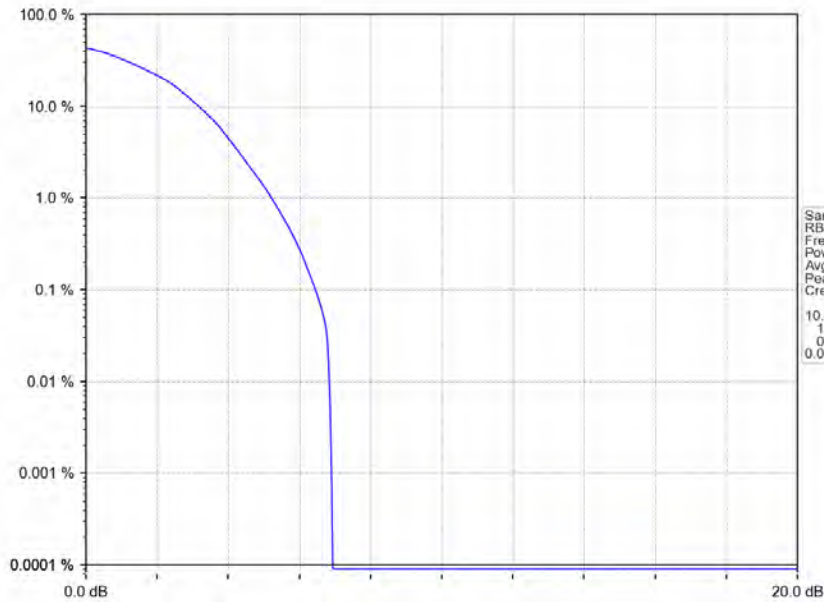
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Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



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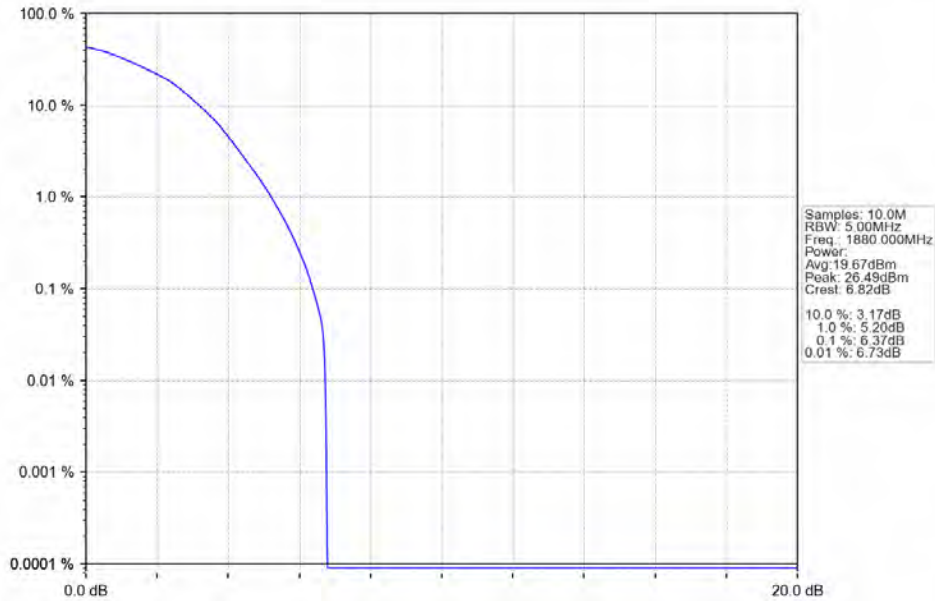
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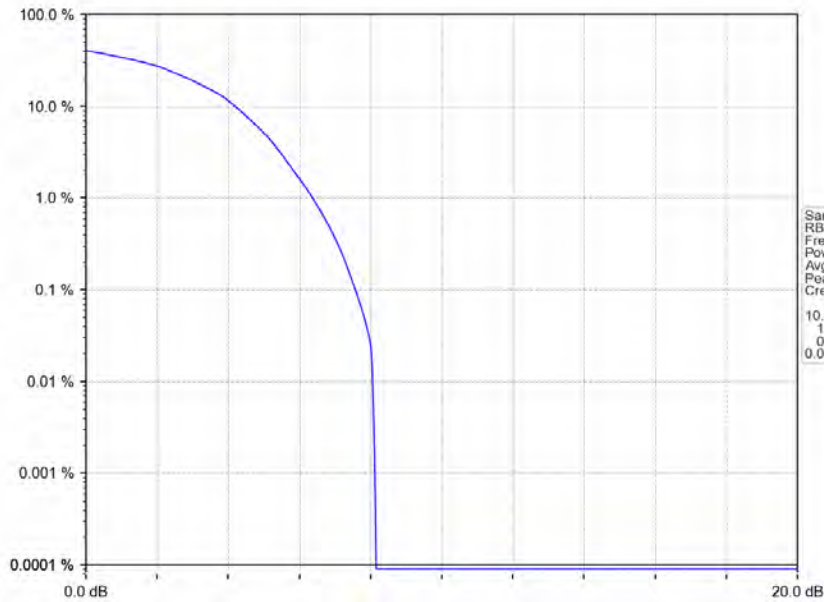
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Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTN



Samples: 10.0M
RBW: 5.00MHz
Freq: 1909.300MHz
Power:
Avg: 18.26dBm
Peak: 26.43dBm
Crest: 8.17dB

Band2 1.4MHz 256QAM LCH 1850.7MHz RB 6 0 NTN



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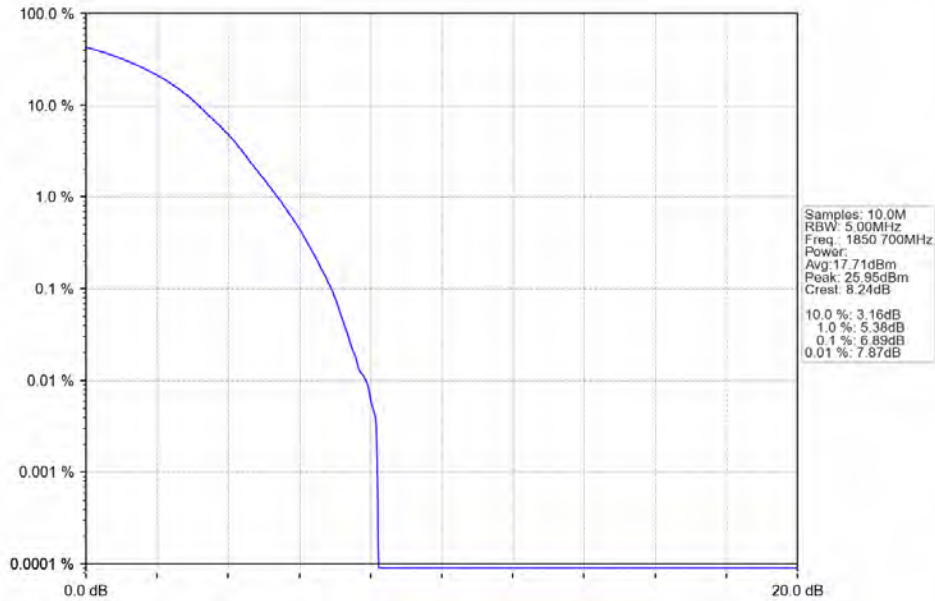
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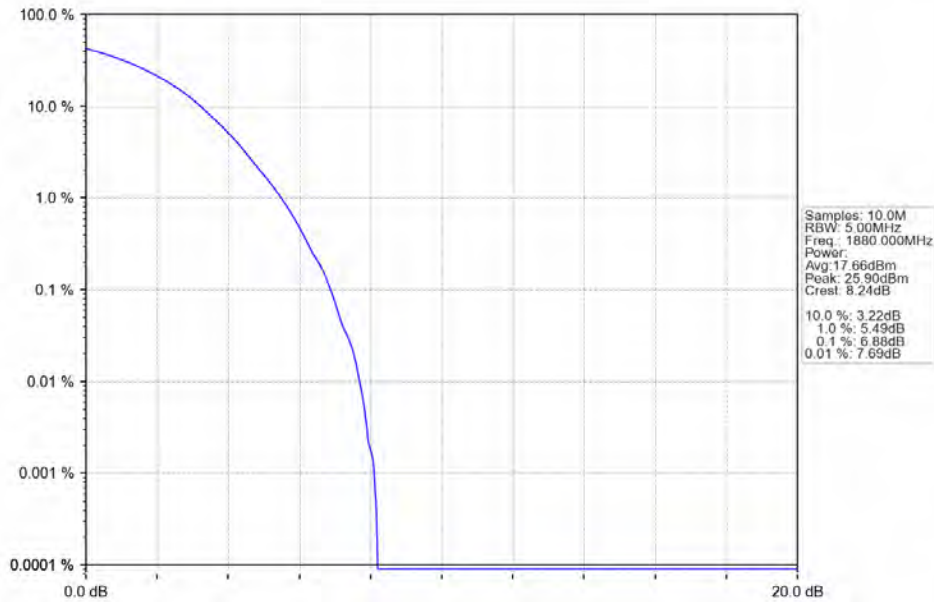
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Band2_1.4MHz_256QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_256QAM_HCH_1909.3MHz_RB_6_0_NTNV



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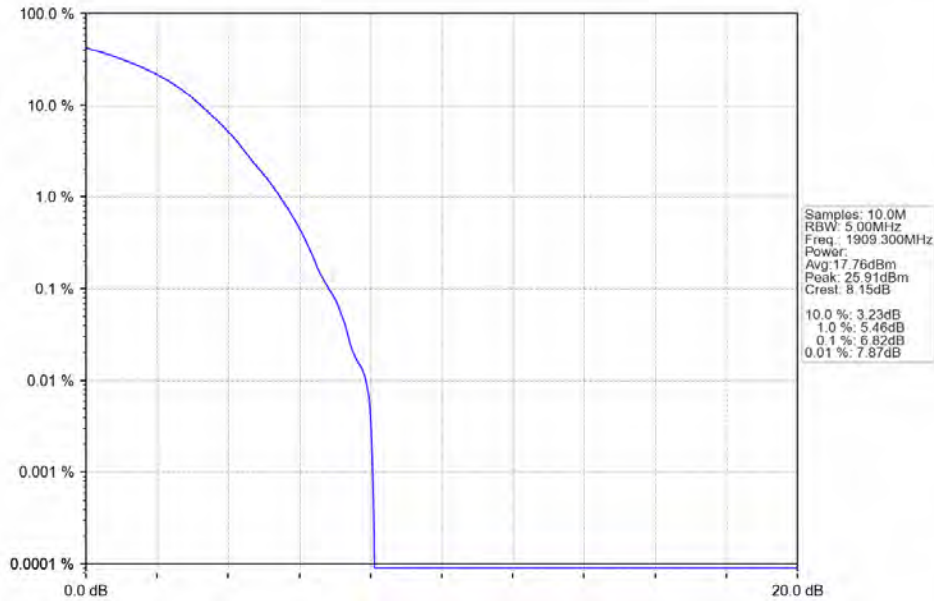
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5.2 B2_3MHz

5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.00	<=13	Pass
	1880	15	0	4.97	<=13	Pass
	1908.5	15	0	4.91	<=13	Pass
16QAM	1851.5	15	0	5.91	<=13	Pass
	1880	15	0	5.88	<=13	Pass
	1908.5	15	0	5.82	<=13	Pass
64QAM	1851.5	15	0	6.46	<=13	Pass
	1880	15	0	10.23	<=13	Pass
	1908.5	15	0	10.16	<=13	Pass
256QAM	1851.5	15	0	6.83	<=13	Pass
	1880	15	0	6.86	<=13	Pass
	1908.5	15	0	6.80	<=13	Pass



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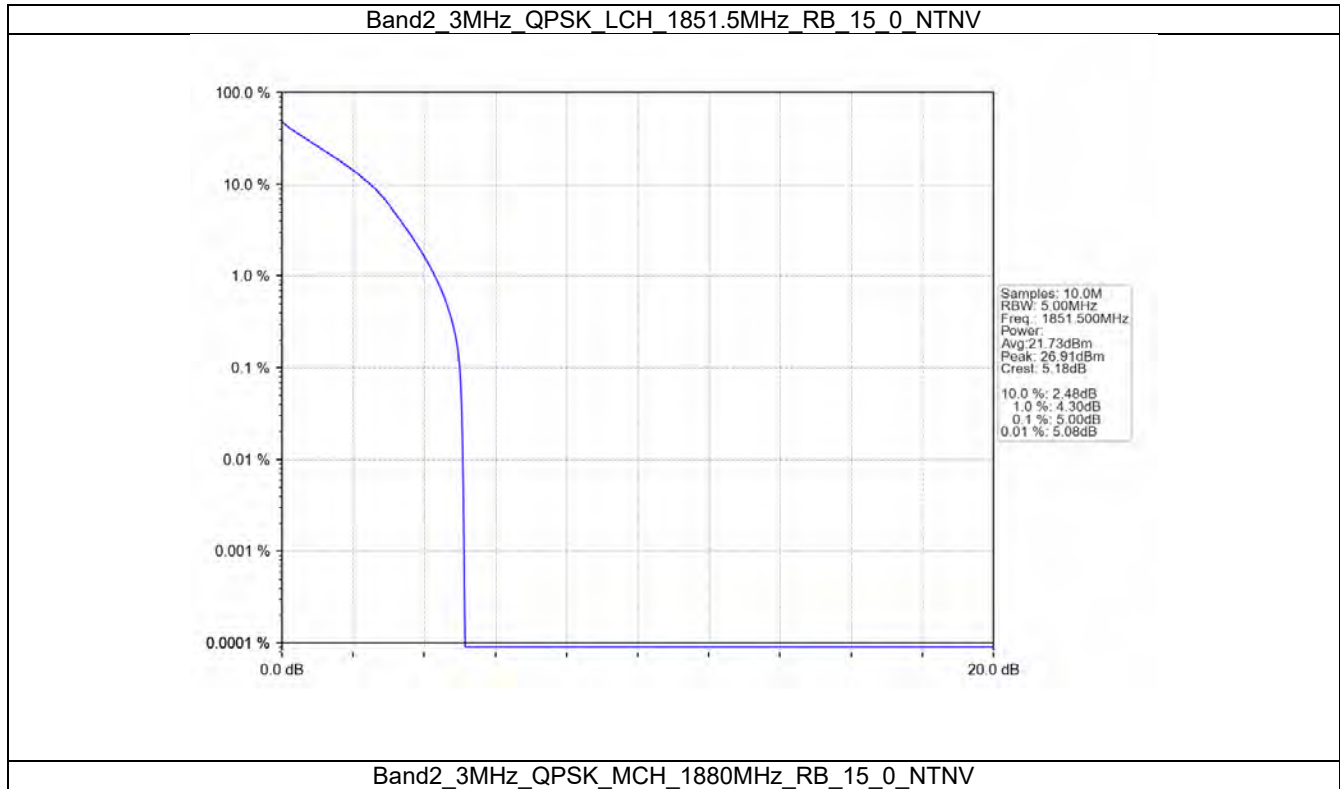
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5.2.2 Test Graph



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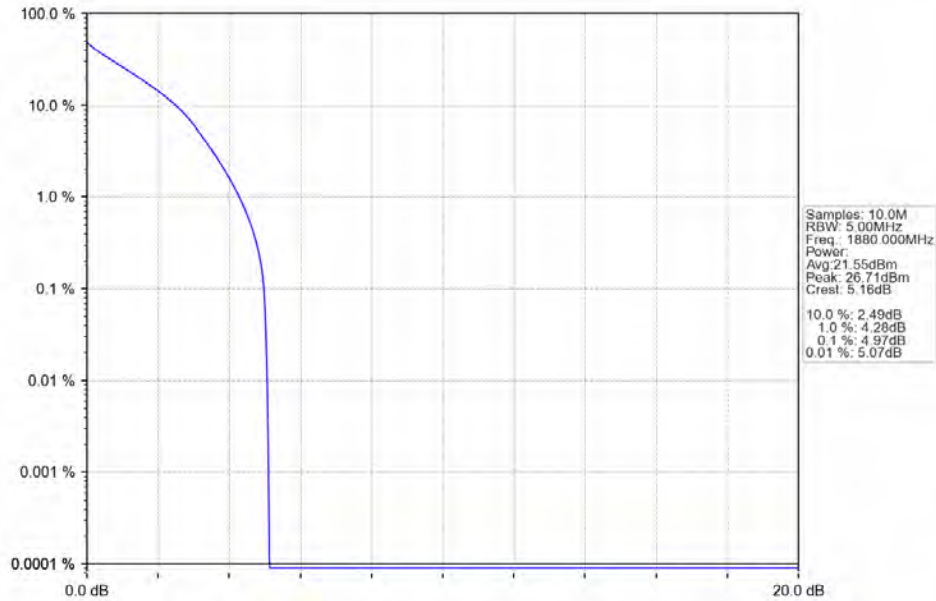
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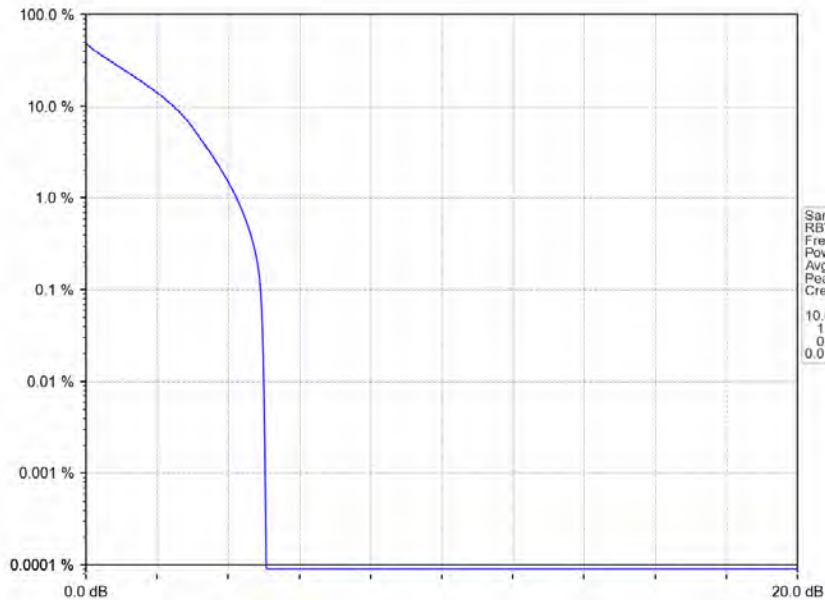
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1908.500MHz
Power:
Avg: 21.68dBm
Peak: 26.77dBm
Crest: 5.09dB
10.0%: 2.46dB
1.0%: 4.23dB
0.1%: 4.91dB
0.01%: 5.00dB

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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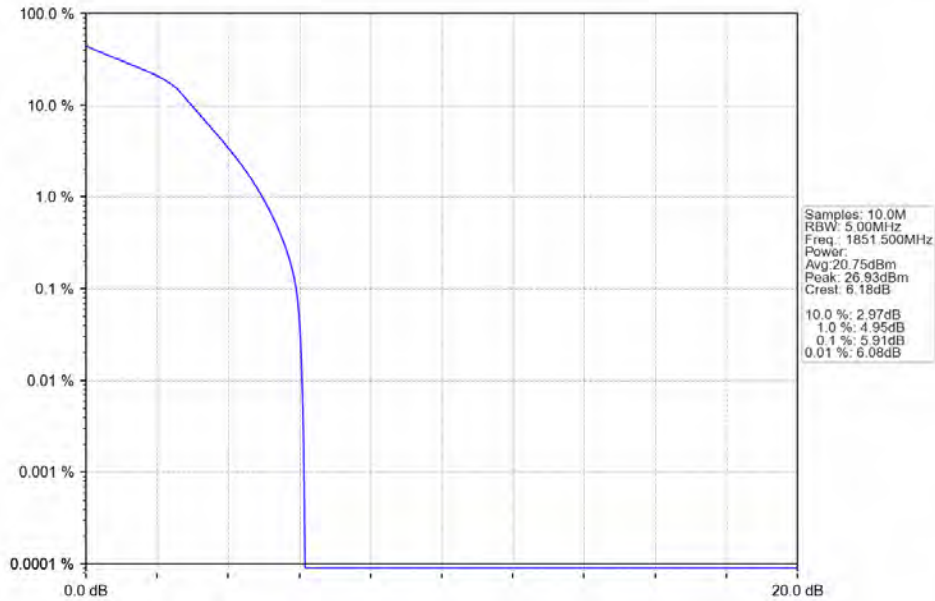
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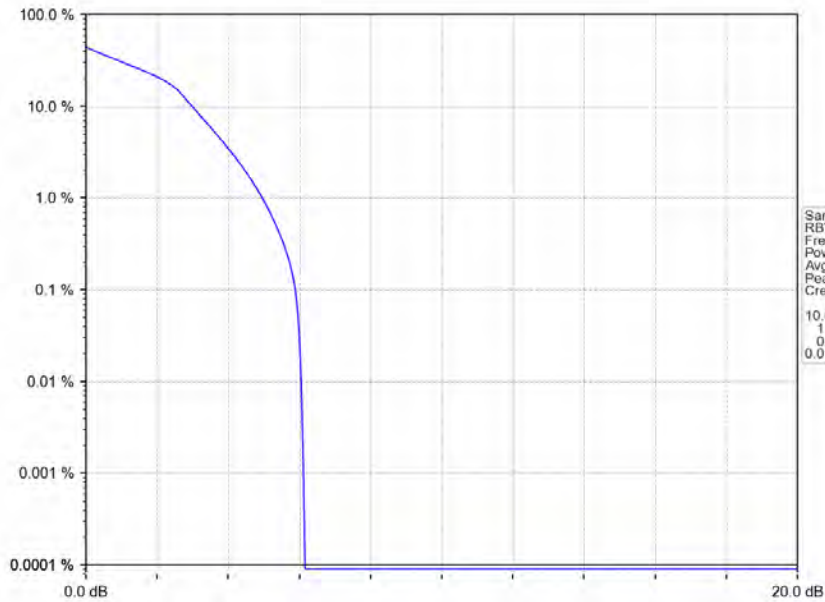
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Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1880.000MHz
Power:
Avg 20.58dBm
Peak: 26.79dBm
Crest: 6.21dB
10.0%: 2.98dB
1.0%: 4.96dB
0.1%: 5.88dB
0.01%: 6.05dB

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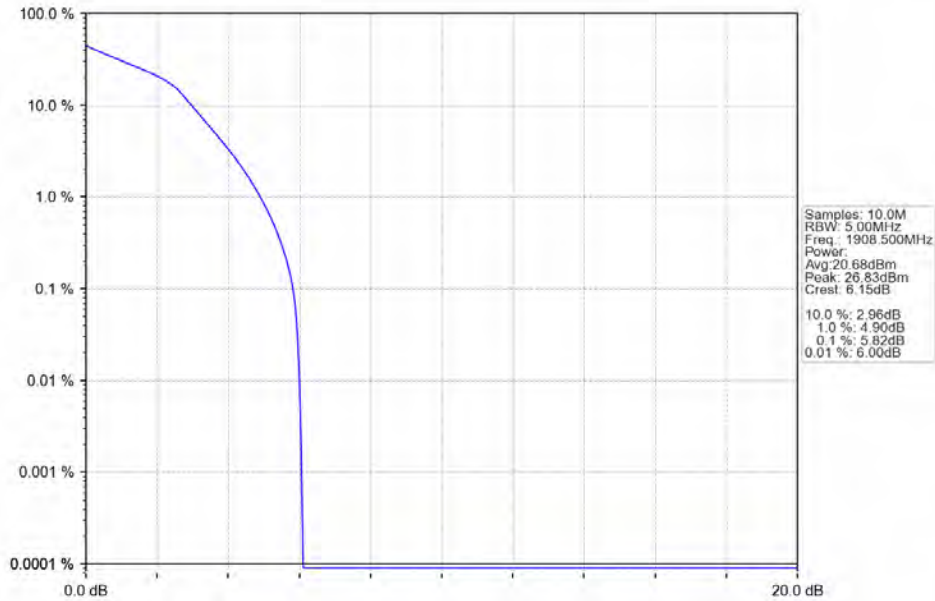
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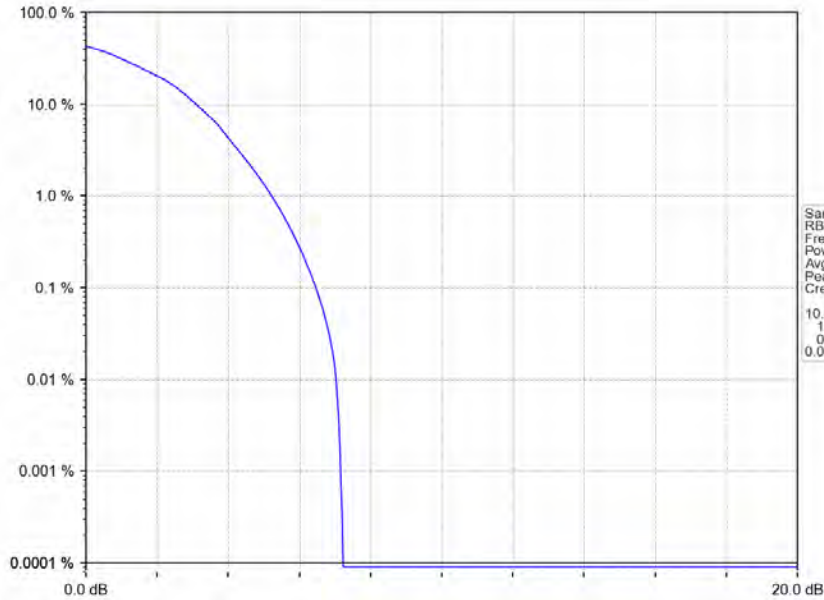
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Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



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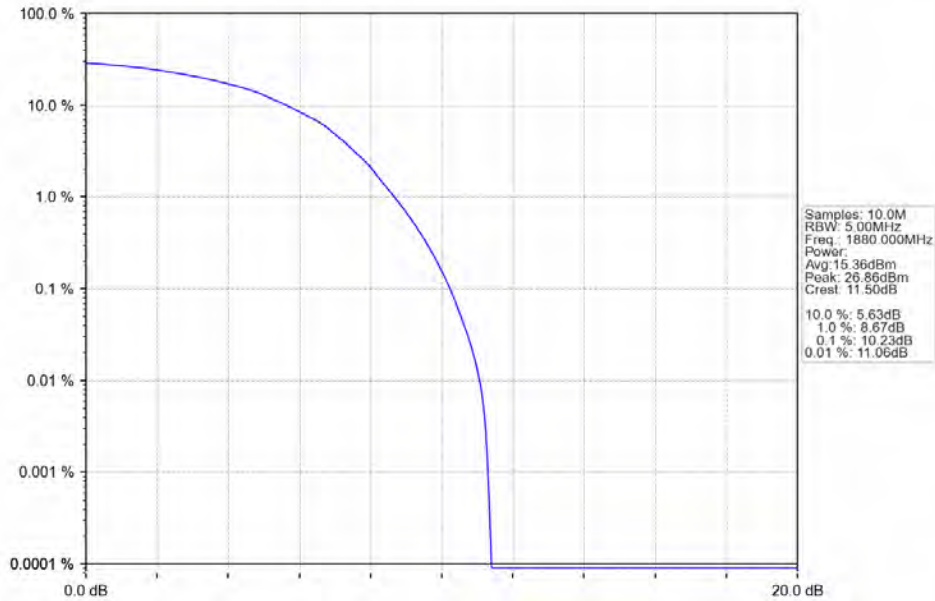
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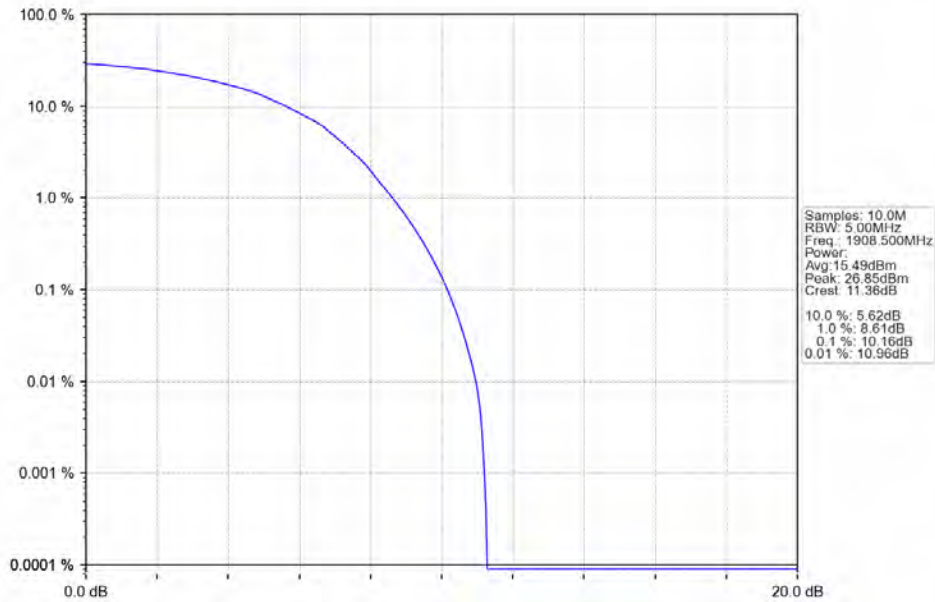
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Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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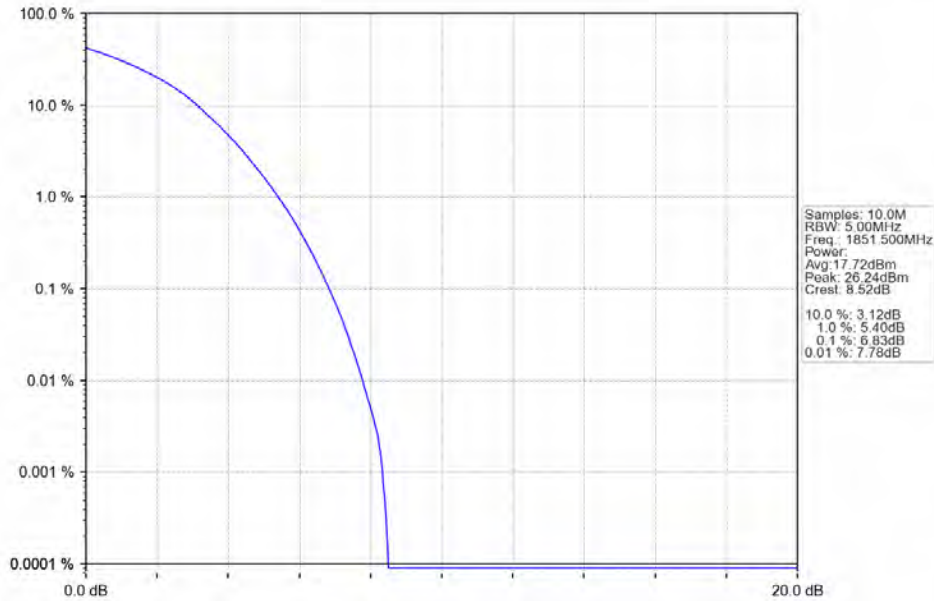
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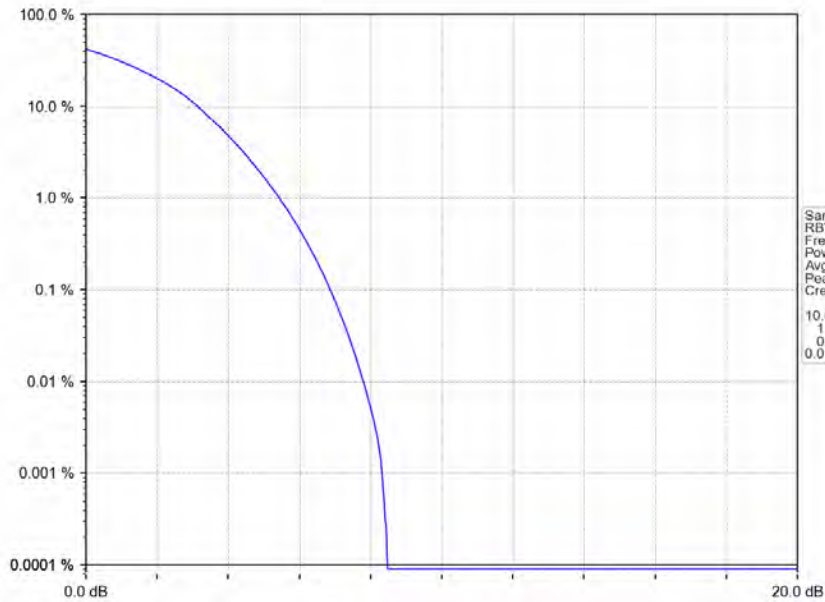
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Band2_3MHz_256QAM_HCH_1908.5MHz_RB_15_0_NTNV



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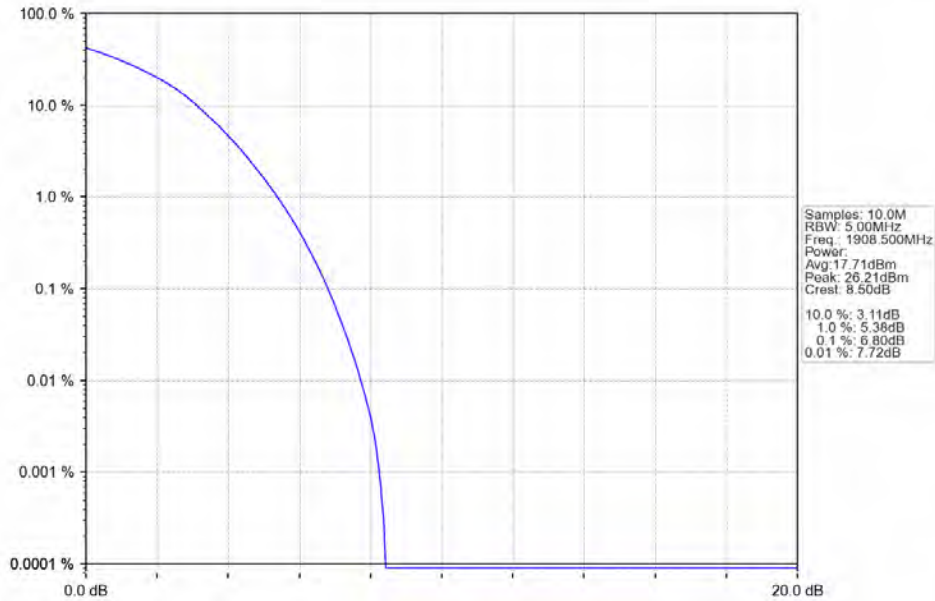
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5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.23	<=13	Pass
	1880	25	0	5.19	<=13	Pass
	1907.5	25	0	5.20	<=13	Pass
16QAM	1852.5	25	0	6.08	<=13	Pass
	1880	25	0	6.05	<=13	Pass
	1907.5	25	0	6.01	<=13	Pass
64QAM	1852.5	25	0	10.54	<=13	Pass
	1880	25	0	9.83	<=13	Pass
	1907.5	25	0	10.40	<=13	Pass
256QAM	1852.5	25	0	6.81	<=13	Pass
	1880	25	0	6.83	<=13	Pass
	1907.5	25	0	6.79	<=13	Pass



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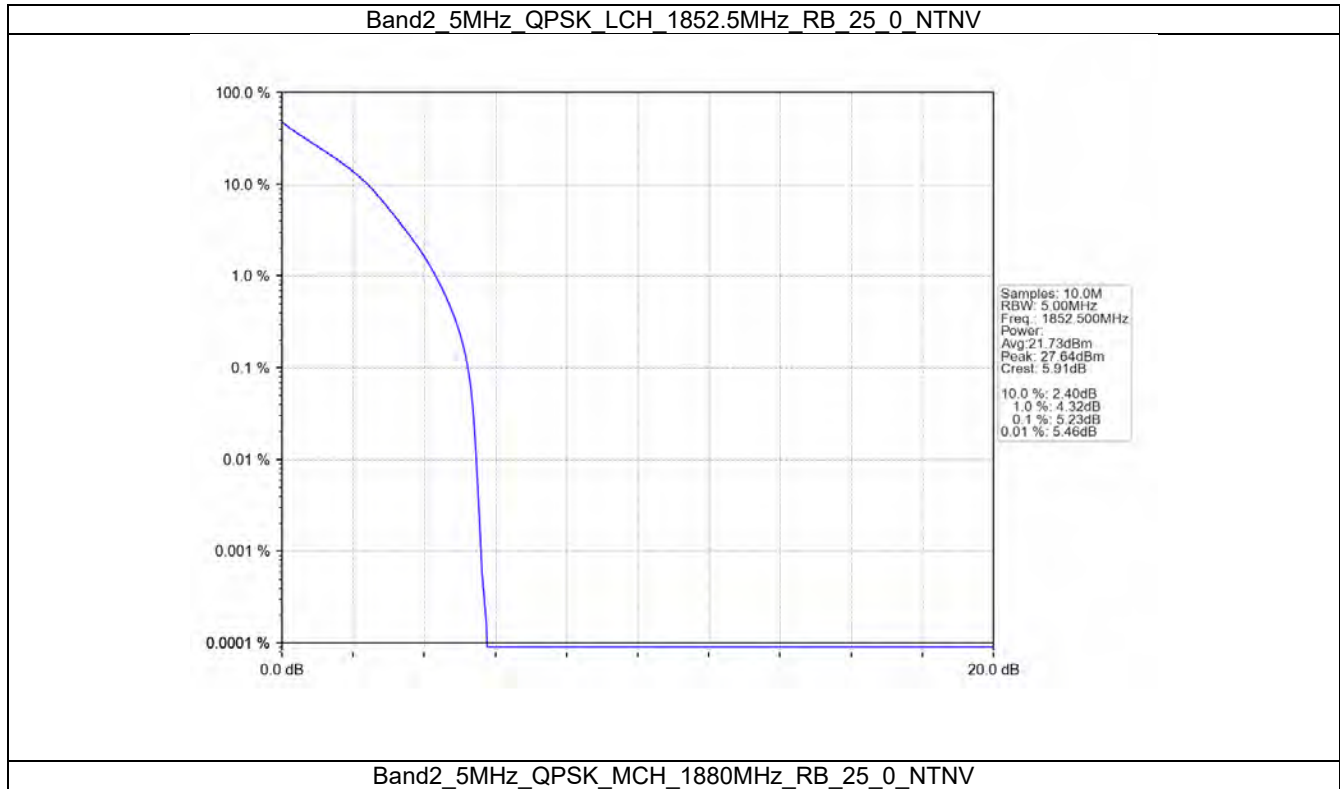
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5.3.2 Test Graph



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