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Appendix B.12

LTE Band 25



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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
Band25	1.4MHz	QPSK	26047	1RB#0	23.63	23.88	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.4	23.65	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.26	23.51	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.12	22.37	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.35	23.6	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.39	23.64	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.56	23.81	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.61	22.86	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.46	23.71	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.45	23.7	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.46	23.71	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.61	22.86	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.58	22.83	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.62	22.87	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.53	22.78	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.43	21.68	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.71	22.96	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.83	23.08	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.79	23.04	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.68	21.93	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.48	22.73	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	23.01	23.26	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.71	22.96	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.65	21.9	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	22.56	22.81	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	21.35	21.6	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	21.56	21.81	33	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	20.68	20.93	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	21.53	21.78	33	PASS



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Band25	1.4MHz	64QAM	26365	1RB#2	22.32	22.57	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	21.71	21.96	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	20.75	21	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	21.5	21.75	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	21.49	21.74	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	21.71	21.96	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	20.53	20.78	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#0	18.45	18.7	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#2	18.56	18.81	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#5	18.42	18.67	33	PASS
Band25	1.4MHz	256QAM	26047	6RB#0	18.57	18.82	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#0	18.37	18.62	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#2	18.34	18.59	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#5	18.69	18.94	33	PASS
Band25	1.4MHz	256QAM	26365	6RB#0	18.53	18.78	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#0	18.26	18.51	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#2	18.58	18.83	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#5	18.46	18.71	33	PASS
Band25	1.4MHz	256QAM	26683	6RB#0	18.61	18.86	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.58	23.83	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.49	23.74	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.34	23.59	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.51	22.76	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.62	23.87	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.54	23.79	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.55	23.8	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.53	22.78	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.35	23.6	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.45	23.7	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.43	23.68	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.57	22.82	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.67	22.92	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.65	22.9	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.54	22.79	33	PASS



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Band25	3MHz	16QAM	26055	15RB#0	21.59	21.84	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.59	22.84	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.86	23.11	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.64	22.89	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.6	21.85	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.47	22.72	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.86	23.11	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.78	23.03	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.56	21.81	33	PASS
Band25	3MHz	64QAM	26055	1RB#0	22.64	22.89	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	21.54	21.79	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	21.56	21.81	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	20.63	20.88	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	21.6	21.85	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	22.24	22.49	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	21.71	21.96	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	20.51	20.76	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	21.56	21.81	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	21.74	21.99	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	21.69	21.94	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	20.54	20.79	33	PASS
Band25	3MHz	256QAM	26055	1RB#0	18.51	18.76	33	PASS
Band25	3MHz	256QAM	26055	1RB#8	18.59	18.84	33	PASS
Band25	3MHz	256QAM	26055	1RB#14	18.62	18.87	33	PASS
Band25	3MHz	256QAM	26055	15RB#0	18.53	18.78	33	PASS
Band25	3MHz	256QAM	26365	1RB#0	18.5	18.75	33	PASS
Band25	3MHz	256QAM	26365	1RB#8	18.66	18.91	33	PASS
Band25	3MHz	256QAM	26365	1RB#14	18.65	18.9	33	PASS
Band25	3MHz	256QAM	26365	15RB#0	18.54	18.79	33	PASS
Band25	3MHz	256QAM	26675	1RB#0	18.43	18.68	33	PASS
Band25	3MHz	256QAM	26675	1RB#8	18.64	18.89	33	PASS
Band25	3MHz	256QAM	26675	1RB#14	18.51	18.76	33	PASS
Band25	3MHz	256QAM	26675	15RB#0	18.5	18.75	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.48	23.73	33	PASS



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Band25	5MHz	QPSK	26065	1RB#24	23.48	23.73	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.59	22.84	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.56	23.81	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.72	23.97	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.59	23.84	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.51	22.76	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.37	23.62	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.52	23.77	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.58	23.83	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.56	22.81	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.63	22.88	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.64	22.89	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.66	22.91	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.61	21.86	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.65	22.9	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.87	23.12	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.81	23.06	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.67	21.92	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.65	22.9	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.8	23.05	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.72	22.97	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.54	21.79	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	21.49	21.74	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	21.79	22.04	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	21.7	21.95	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	20.66	20.91	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	21.74	21.99	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	21.69	21.94	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	21.74	21.99	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	20.62	20.87	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	21.97	22.22	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	21.92	22.17	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	21.78	22.03	33	PASS



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Band25	5MHz	256QAM	26065	1RB#0	18.59	18.84	33	PASS
Band25	5MHz	256QAM	26065	1RB#12	18.73	18.98	33	PASS
Band25	5MHz	256QAM	26065	1RB#24	18.67	18.92	33	PASS
Band25	5MHz	256QAM	26065	25RB#0	18.59	18.84	33	PASS
Band25	5MHz	256QAM	26365	1RB#0	18.6	18.85	33	PASS
Band25	5MHz	256QAM	26365	1RB#12	18.74	18.99	33	PASS
Band25	5MHz	256QAM	26365	1RB#24	18.71	18.96	33	PASS
Band25	5MHz	256QAM	26365	25RB#0	18.53	18.78	33	PASS
Band25	5MHz	256QAM	26665	1RB#0	18.72	18.97	33	PASS
Band25	5MHz	256QAM	26665	1RB#12	18.74	18.99	33	PASS
Band25	5MHz	256QAM	26665	1RB#24	18.38	18.63	33	PASS
Band25	5MHz	256QAM	26665	25RB#0	18.63	18.88	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.54	23.79	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.78	24.03	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.49	23.74	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.69	22.94	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.73	23.98	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.75	24	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.67	23.92	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.6	22.85	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.56	23.81	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.69	23.94	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.6	23.85	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.72	22.97	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.72	22.97	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.69	22.94	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.78	23.03	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.68	21.93	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.67	22.92	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.95	23.2	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	23.07	23.32	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.69	21.94	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.7	22.95	33	PASS



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Band25	10MHz	16QAM	26640	1RB#24	22.76	23.01	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.68	22.93	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.74	21.99	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	21.75	22	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	21.8	22.05	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	22.03	22.28	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	20.7	20.95	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	21.79	22.04	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	21.87	22.12	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	21.9	22.15	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	20.67	20.92	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	21.65	21.9	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	21.92	22.17	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	21.86	22.11	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	20.68	20.93	33	PASS
Band25	10MHz	256QAM	26090	1RB#0	18.62	18.87	33	PASS
Band25	10MHz	256QAM	26090	1RB#24	18.72	18.97	33	PASS
Band25	10MHz	256QAM	26090	1RB#49	18.79	19.04	33	PASS
Band25	10MHz	256QAM	26090	50RB#0	18.66	18.91	33	PASS
Band25	10MHz	256QAM	26365	1RB#0	18.53	18.78	33	PASS
Band25	10MHz	256QAM	26365	1RB#24	18.9	19.15	33	PASS
Band25	10MHz	256QAM	26365	1RB#49	18.82	19.07	33	PASS
Band25	10MHz	256QAM	26365	50RB#0	18.79	19.04	33	PASS
Band25	10MHz	256QAM	26640	1RB#0	18.76	19.01	33	PASS
Band25	10MHz	256QAM	26640	1RB#24	18.75	19	33	PASS
Band25	10MHz	256QAM	26640	1RB#49	18.75	19	33	PASS
Band25	10MHz	256QAM	26640	50RB#0	18.79	19.04	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.41	23.66	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.44	23.69	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.41	23.66	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.6	22.85	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.66	23.91	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.55	23.8	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.43	23.68	33	PASS



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Band25	15MHz	QPSK	26365	75RB#0	22.63	22.88	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.69	23.94	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.85	24.1	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.4	23.65	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.65	22.9	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.6	22.85	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.48	22.73	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.47	22.72	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.62	21.87	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.54	22.79	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.93	23.18	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.6	22.85	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.57	21.82	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.58	22.83	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.65	22.9	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.69	22.94	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.61	21.86	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	21.64	21.89	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	21.74	21.99	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	21.69	21.94	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	20.6	20.85	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	21.6	21.85	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	21.68	21.93	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	21.65	21.9	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	20.63	20.88	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	21.66	21.91	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	21.64	21.89	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	21.48	21.73	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	20.63	20.88	33	PASS
Band25	15MHz	256QAM	26115	1RB#0	18.47	18.72	33	PASS
Band25	15MHz	256QAM	26115	1RB#38	18.63	18.88	33	PASS
Band25	15MHz	256QAM	26115	1RB#74	18.65	18.9	33	PASS
Band25	15MHz	256QAM	26115	75RB#0	18.56	18.81	33	PASS
Band25	15MHz	256QAM	26365	1RB#0	18.56	18.81	33	PASS



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Band25	15MHz	256QAM	26365	1RB#38	18.72	18.97	33	PASS
Band25	15MHz	256QAM	26365	1RB#74	18.75	19	33	PASS
Band25	15MHz	256QAM	26365	75RB#0	18.56	18.81	33	PASS
Band25	15MHz	256QAM	26615	1RB#0	18.54	18.79	33	PASS
Band25	15MHz	256QAM	26615	1RB#38	18.56	18.81	33	PASS
Band25	15MHz	256QAM	26615	1RB#74	18.64	18.89	33	PASS
Band25	15MHz	256QAM	26615	75RB#0	18.56	18.81	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.3	23.55	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.42	23.67	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.44	23.69	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.62	22.87	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.54	23.79	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.76	24.01	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.48	23.73	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.6	22.85	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.75	24	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.53	23.78	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.39	23.64	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.66	22.91	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.43	22.68	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.64	22.89	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.55	22.8	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.55	21.8	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.48	22.73	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.66	22.91	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.73	22.98	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.58	21.83	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.4	22.65	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.65	22.9	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.53	22.78	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.65	21.9	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	21.59	21.84	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	21.74	21.99	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	21.7	21.95	33	PASS



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Band25	20MHz	64QAM	26140	100RB#0	20.65	20.9	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	21.57	21.82	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	21.89	22.14	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	21.7	21.95	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	20.65	20.9	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	21.58	21.83	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	21.68	21.93	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	21.72	21.97	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	20.65	20.9	33	PASS
Band25	20MHz	256QAM	26140	1RB#0	18.53	18.78	33	PASS
Band25	20MHz	256QAM	26140	1RB#49	18.72	18.97	33	PASS
Band25	20MHz	256QAM	26140	1RB#99	18.61	18.86	33	PASS
Band25	20MHz	256QAM	26140	100RB#0	18.57	18.82	33	PASS
Band25	20MHz	256QAM	26365	1RB#0	18.47	18.72	33	PASS
Band25	20MHz	256QAM	26365	1RB#49	18.61	18.86	33	PASS
Band25	20MHz	256QAM	26365	1RB#99	18.86	19.11	33	PASS
Band25	20MHz	256QAM	26365	100RB#0	18.55	18.8	33	PASS
Band25	20MHz	256QAM	26590	1RB#0	18.6	18.85	33	PASS
Band25	20MHz	256QAM	26590	1RB#49	18.6	18.85	33	PASS
Band25	20MHz	256QAM	26590	1RB#99	18.92	19.17	33	PASS
Band25	20MHz	256QAM	26590	100RB#0	18.59	18.84	33	PASS



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2. Frequency Stability

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / 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	-1.687	-0.0009	/	Pass
					3.7	-1.502	-0.0008	/	Pass
					4.4	-3.000	-0.0016	/	Pass
				-30	3.7	-1.703	-0.0009	/	Pass
				-20	3.7	-1.391	-0.0007	/	Pass
				-10	3.7	-1.512	-0.0008	/	Pass
				0	3.7	-1.577	-0.0008	/	Pass
				10	3.7	-2.608	-0.0014	/	Pass
				30	3.7	-1.419	-0.0008	/	Pass
				40	3.7	-3.347	-0.0018	/	Pass
				50	3.7	-1.541	-0.0008	/	Pass
	1882.5	100	0	20	3.135	-2.101	-0.0011	/	Pass
					3.7	-1.174	-0.0006	/	Pass
					4.4	-2.119	-0.0011	/	Pass
				-30	3.7	-1.654	-0.0009	/	Pass
				-20	3.7	-2.986	-0.0016	/	Pass
				-10	3.7	-2.688	-0.0014	/	Pass
				0	3.7	-1.933	-0.0010	/	Pass
				10	3.7	-2.619	-0.0014	/	Pass
				30	3.7	-2.885	-0.0015	/	Pass
				40	3.7	-1.917	-0.0010	/	Pass
				50	3.7	-2.076	-0.0011	/	Pass
	1905	100	0	20	3.135	-0.922	-0.0005	/	Pass
					3.7	-2.398	-0.0013	/	Pass
					4.4	-3.586	-0.0019	/	Pass
				-30	3.7	-1.009	-0.0005	/	Pass
				-20	3.7	-1.749	-0.0009	/	Pass
				-10	3.7	-1.575	-0.0008	/	Pass
				0	3.7	-2.218	-0.0012	/	Pass
				10	3.7	-3.657	-0.0019	/	Pass
				30	3.7	-1.281	-0.0007	/	Pass
				40	3.7	-0.771	-0.0004	/	Pass
				50	3.7	-1.073	-0.0006	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = LTE_B25

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0351	53.84	-50.00	30.31	-61.11	-13.00	48.11	Horizontal
2	5132.3566	52.19	-47.28	33.56	-56.79	-13.00	43.79	Horizontal
3	7372.7186	49.61	-43.59	36.85	-52.39	-13.00	39.39	Horizontal
4	9508.8254	48.95	-40.69	39.18	-47.82	-13.00	34.82	Horizontal
5	11379.419	48.22	-38.62	39.68	-45.98	-13.00	32.98	Horizontal
6	14999.1	46.11	-34.79	39.90	-44.04	-13.00	31.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0351	55.90	-50.00	30.31	-59.05	-13.00	46.05	Vertical
2	5061.8531	51.43	-47.46	33.42	-57.87	-13.00	44.87	Vertical
3	7374.2187	49.89	-43.59	36.85	-52.11	-13.00	39.11	Vertical
4	9119.556	48.72	-41.43	38.78	-49.19	-13.00	36.19	Vertical
5	13408.2704	46.61	-36.60	40.28	-44.97	-13.00	31.97	Vertical
6	17983.4992	48.41	-38.97	42.70	-43.12	-13.00	30.12	Vertical



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Test Band = LTE_B25
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3627.0314	53.39	-49.52	30.31	-61.08	-13.00	48.08	Horizontal
2	5139.857	52.29	-47.24	33.58	-56.63	-13.00	43.63	Horizontal
3	7375.7188	49.67	-43.60	36.85	-52.34	-13.00	39.34	Horizontal
4	9481.8241	49.00	-40.76	39.13	-47.89	-13.00	34.89	Horizontal
5	15023.1012	46.75	-35.07	39.88	-43.70	-13.00	30.70	Horizontal
6	17981.2491	48.07	-38.96	42.69	-43.46	-13.00	30.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3747.0374	55.40	-49.48	30.49	-58.85	-13.00	45.85	Vertical
2	5245.6123	52.03	-46.85	33.30	-56.78	-13.00	43.78	Vertical
3	7986.9994	49.55	-43.00	37.43	-51.28	-13.00	38.28	Vertical
4	11314.9157	47.27	-38.64	39.61	-47.02	-13.00	34.02	Vertical
5	15021.6011	47.16	-35.06	39.88	-43.28	-13.00	30.28	Vertical
6	17911.4956	47.68	-38.22	42.27	-43.53	-13.00	30.53	Vertical



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Test Band = LTE_B25
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3792.0396	53.88	-49.63	30.50	-60.51	-13.00	47.51	Horizontal
2	5017.6009	51.22	-47.41	33.21	-58.24	-13.00	45.24	Horizontal
3	6967.6984	50.78	-44.18	36.44	-52.22	-13.00	39.22	Horizontal
4	9453.3227	49.30	-41.05	39.01	-48.00	-13.00	35.00	Horizontal
5	14549.8275	45.93	-35.15	40.55	-43.93	-13.00	30.93	Horizontal
6	17915.2458	47.49	-38.29	42.29	-43.77	-13.00	30.77	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3792.0396	57.30	-49.63	30.50	-57.09	-13.00	44.09	Vertical
2	5148.8574	52.03	-47.19	33.60	-56.82	-13.00	43.82	Vertical
3	6975.1988	50.27	-44.02	36.45	-52.56	-13.00	39.56	Vertical
4	9489.3245	49.17	-40.69	39.16	-47.62	-13.00	34.62	Vertical
5	14241.5621	46.34	-36.54	40.76	-44.70	-13.00	31.70	Vertical
6	17912.9956	47.68	-38.25	42.28	-43.55	-13.00	30.55	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 Band25_OBW

4.1.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.114	/	Pass
		1882.5	6	0	1.125	/	Pass
		1914.3	6	0	1.123	/	Pass
	16QAM	1850.7	6	0	1.124	/	Pass
		1882.5	6	0	1.125	/	Pass
		1914.3	6	0	1.124	/	Pass
	64QAM	1850.7	6	0	1.123	/	Pass
		1882.5	6	0	1.122	/	Pass
		1914.3	6	0	1.129	/	Pass
	256QAM	1850.7	6	0	1.122	/	Pass
		1882.5	6	0	1.122	/	Pass
		1914.3	6	0	1.119	/	Pass
3	QPSK	1851.5	15	0	2.738	/	Pass
		1882.5	15	0	2.750	/	Pass
		1913.5	15	0	2.755	/	Pass
	16QAM	1851.5	15	0	2.750	/	Pass
		1882.5	15	0	2.746	/	Pass
		1913.5	15	0	2.765	/	Pass
	64QAM	1851.5	15	0	2.739	/	Pass
		1882.5	15	0	2.751	/	Pass
		1913.5	15	0	2.751	/	Pass
	256QAM	1851.5	15	0	2.734	/	Pass
		1882.5	15	0	2.753	/	Pass
		1913.5	15	0	2.739	/	Pass
5	QPSK	1852.5	25	0	4.588	/	Pass
		1882.5	25	0	4.575	/	Pass
		1912.5	25	0	4.573	/	Pass
	16QAM	1852.5	25	0	4.576	/	Pass
		1882.5	25	0	4.581	/	Pass
		1912.5	25	0	4.567	/	Pass
	64QAM	1852.5	25	0	4.574	/	Pass
		1882.5	25	0	4.568	/	Pass
		1912.5	25	0	4.565	/	Pass
	256QAM	1852.5	25	0	4.570	/	Pass
		1882.5	25	0	4.600	/	Pass
		1912.5	25	0	4.562	/	Pass
10	QPSK	1855	50	0	9.085	/	Pass
		1882.5	50	0	9.086	/	Pass
		1910	50	0	9.041	/	Pass



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	16QAM	1855	50	0	9.082	/	Pass
		1882.5	50	0	9.087	/	Pass
		1910	50	0	9.056	/	Pass
	64QAM	1855	50	0	9.069	/	Pass
		1882.5	50	0	9.084	/	Pass
		1910	50	0	9.072	/	Pass
	256QAM	1855	50	0	9.079	/	Pass
		1882.5	50	0	9.075	/	Pass
		1910	50	0	9.077	/	Pass
15	QPSK	1857.5	75	0	13.591	/	Pass
		1882.5	75	0	13.642	/	Pass
		1907.5	75	0	13.600	/	Pass
	16QAM	1857.5	75	0	13.623	/	Pass
		1882.5	75	0	13.662	/	Pass
		1907.5	75	0	13.625	/	Pass
	64QAM	1857.5	75	0	13.626	/	Pass
		1882.5	75	0	13.600	/	Pass
		1907.5	75	0	13.644	/	Pass
	256QAM	1857.5	75	0	13.654	/	Pass
		1882.5	75	0	13.608	/	Pass
		1907.5	75	0	13.580	/	Pass
20	QPSK	1860	100	0	18.175	/	Pass
		1882.5	100	0	18.125	/	Pass
		1905	100	0	18.191	/	Pass
	16QAM	1860	100	0	18.125	/	Pass
		1882.5	100	0	18.192	/	Pass
		1905	100	0	18.066	/	Pass
	64QAM	1860	100	0	18.086	/	Pass
		1882.5	100	0	18.124	/	Pass
		1905	100	0	18.108	/	Pass
	256QAM	1860	100	0	18.109	/	Pass
		1882.5	100	0	18.092	/	Pass
		1905	100	0	18.105	/	Pass



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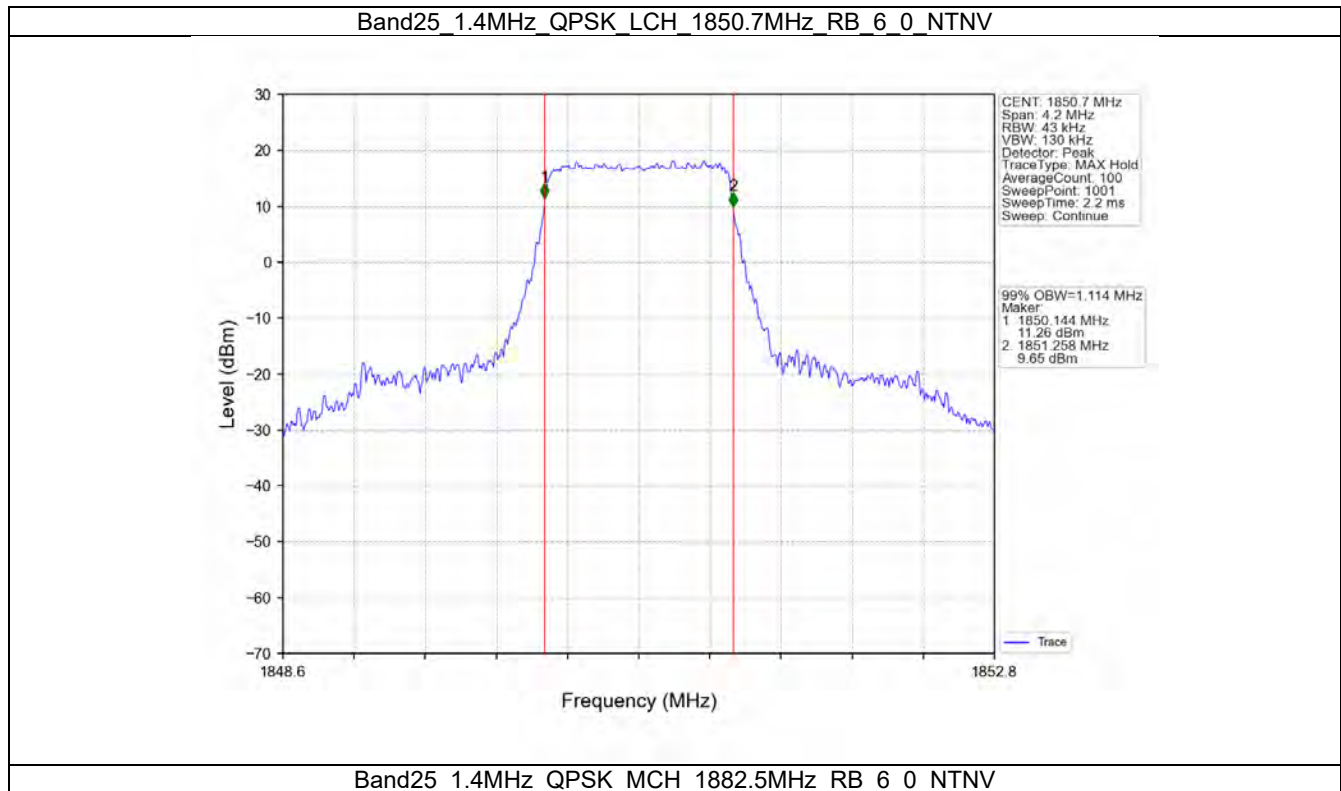
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4.1.2 Test Graph



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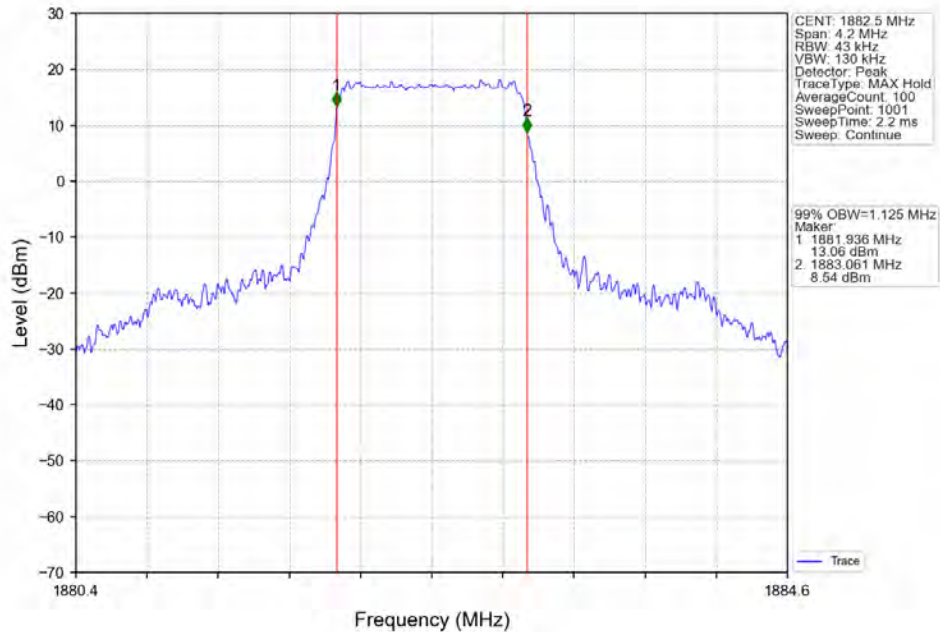
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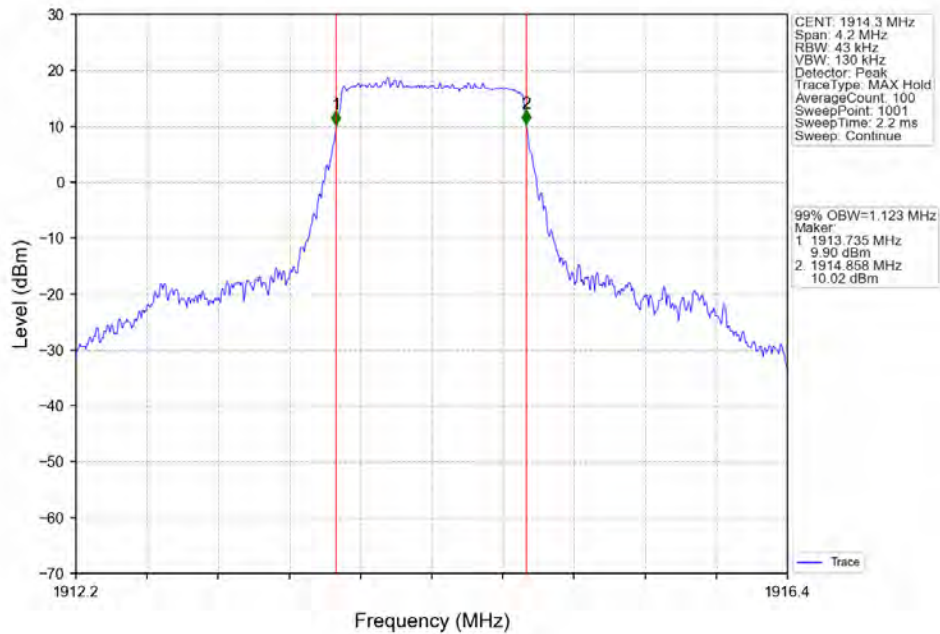
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Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



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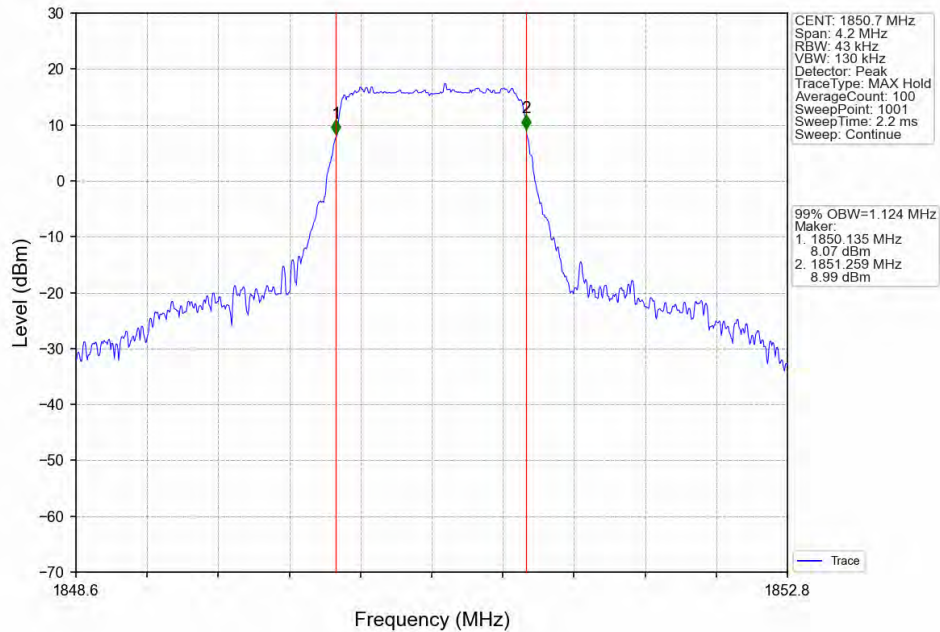
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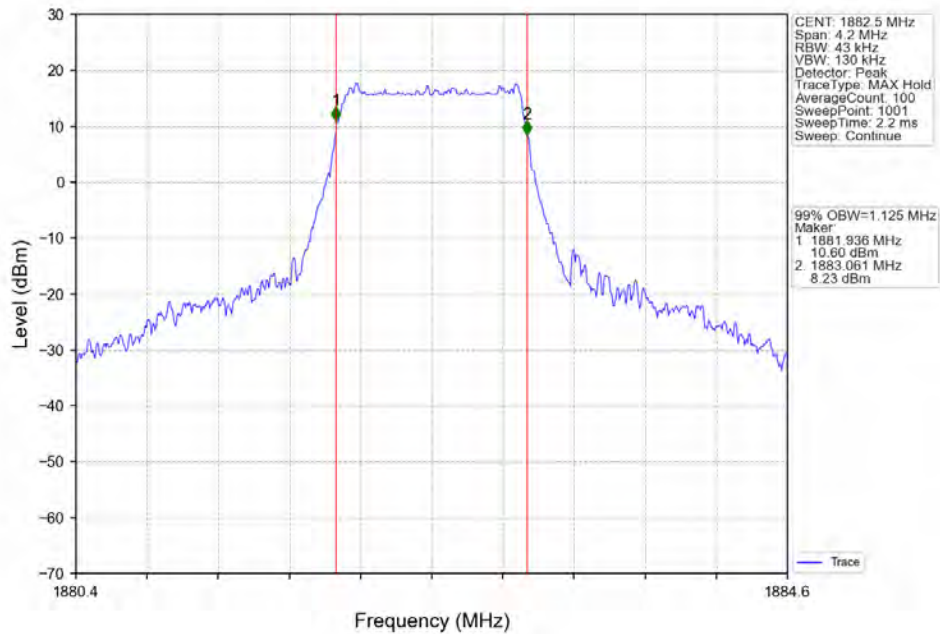
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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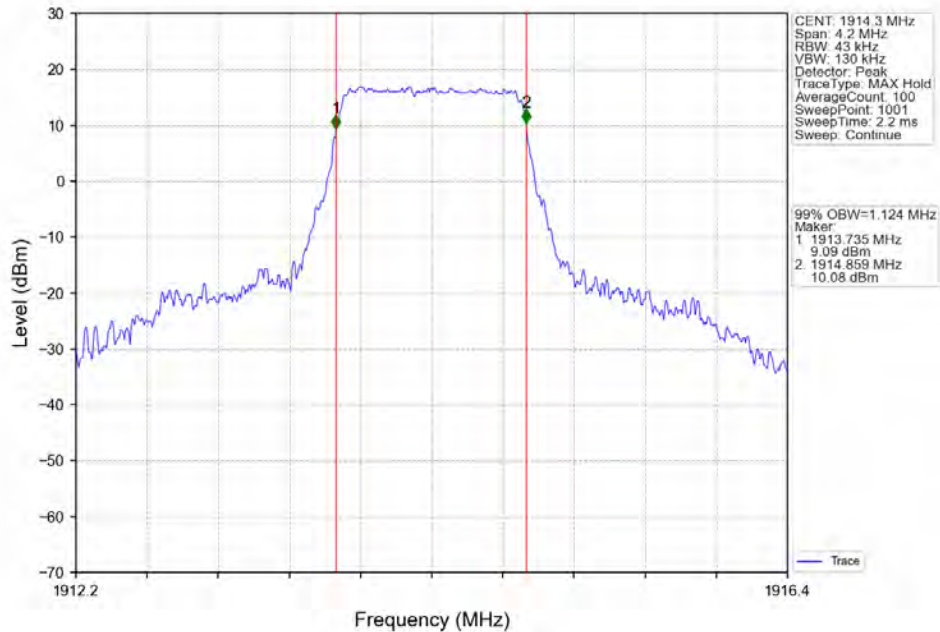
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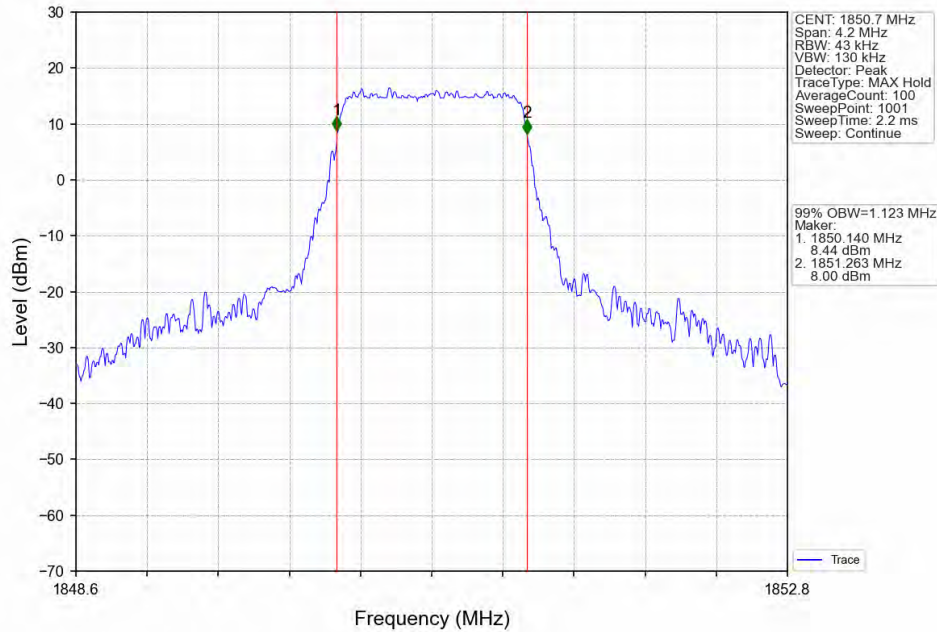
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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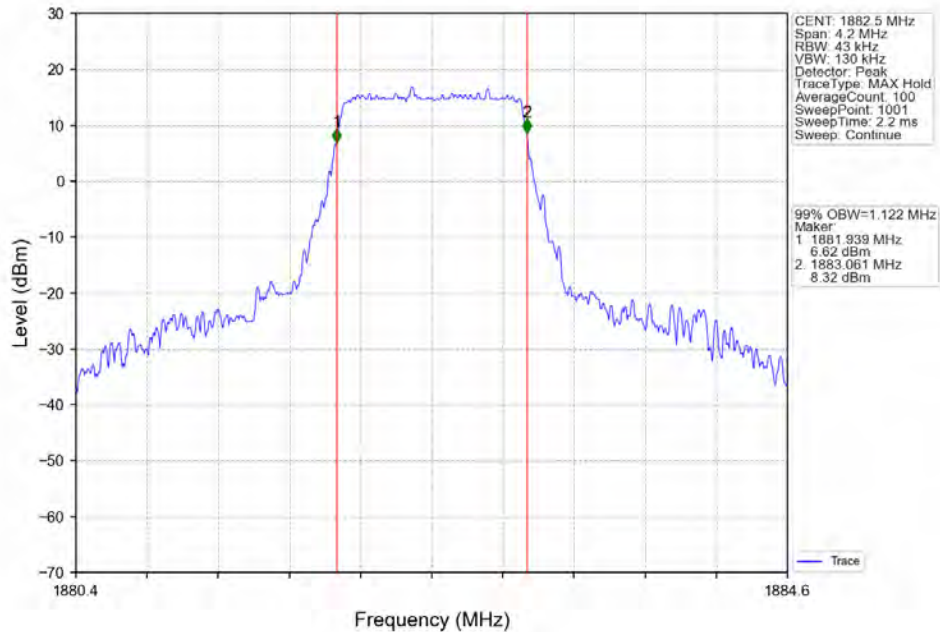
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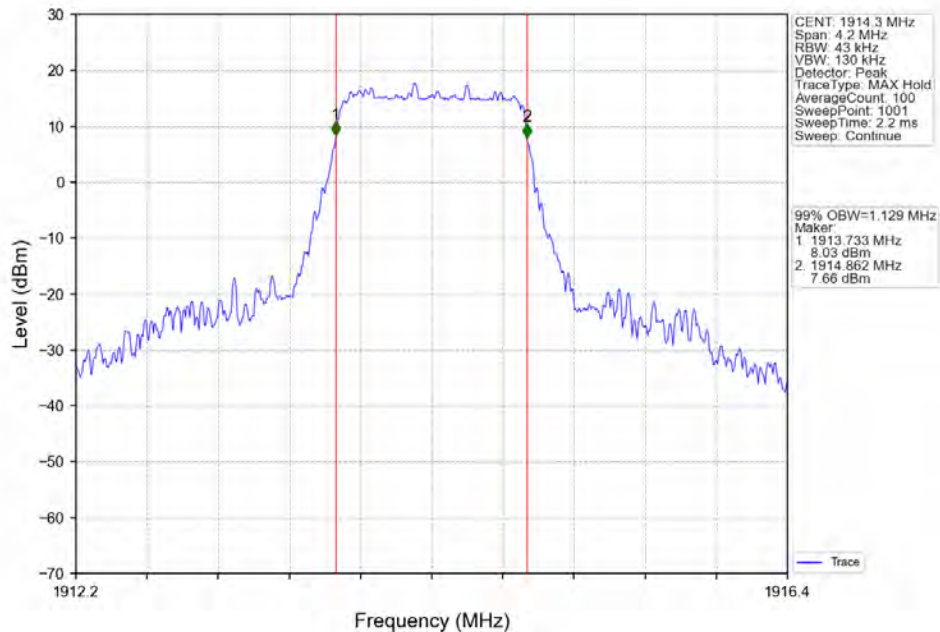
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Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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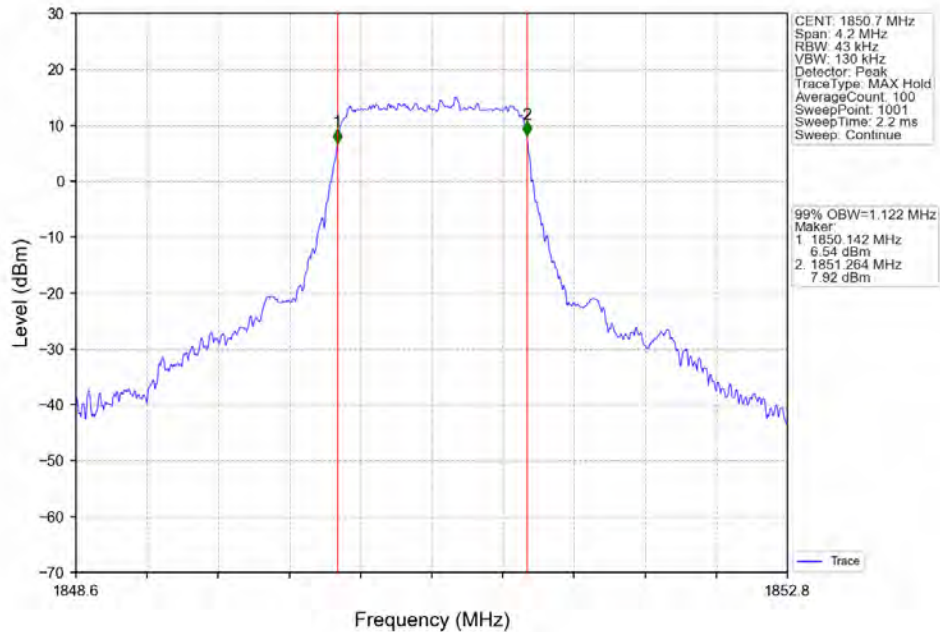
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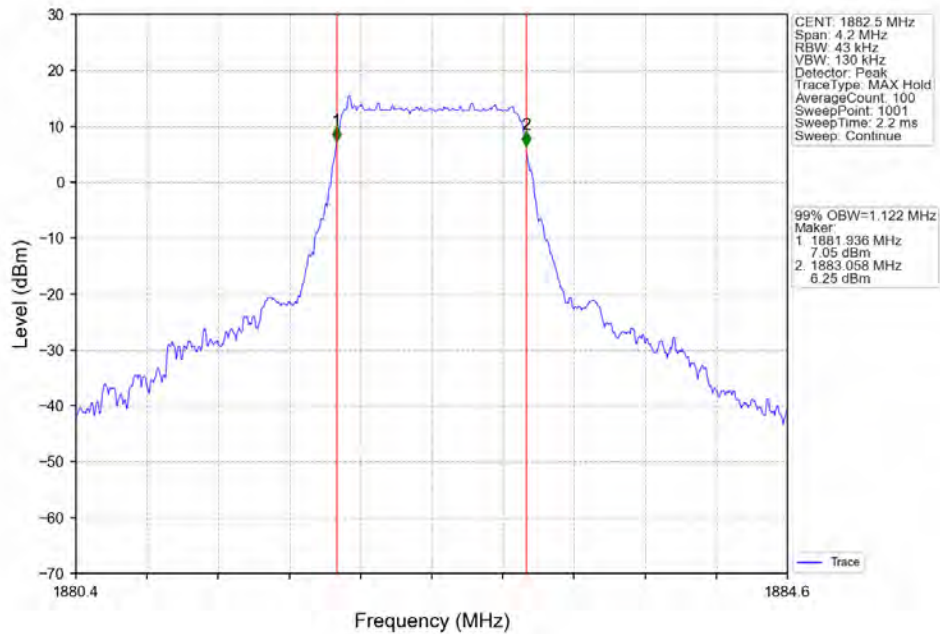
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Band25_1.4MHz_256QAM_HCH_1914.3MHz_RB_6_0_NTNV



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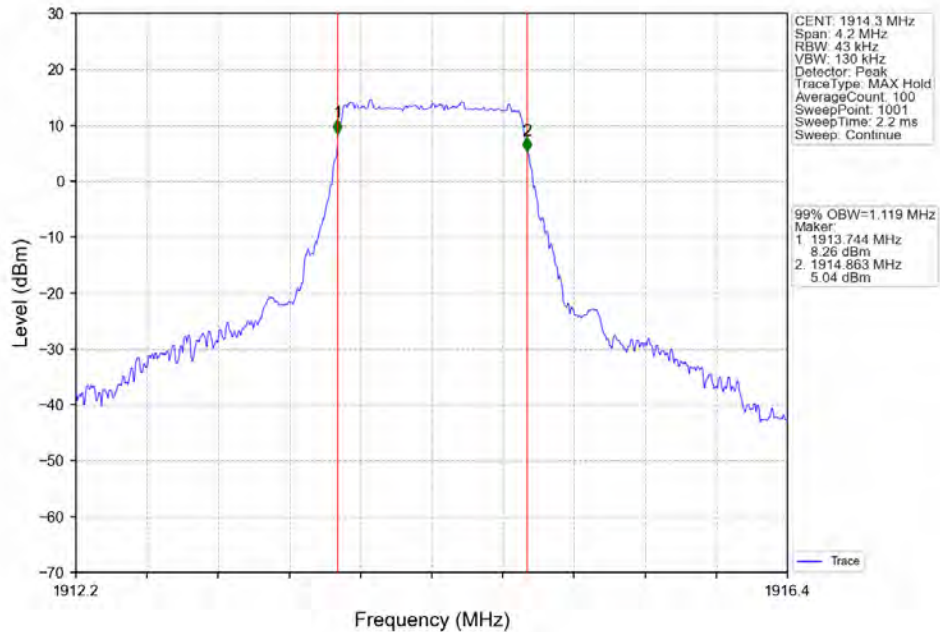
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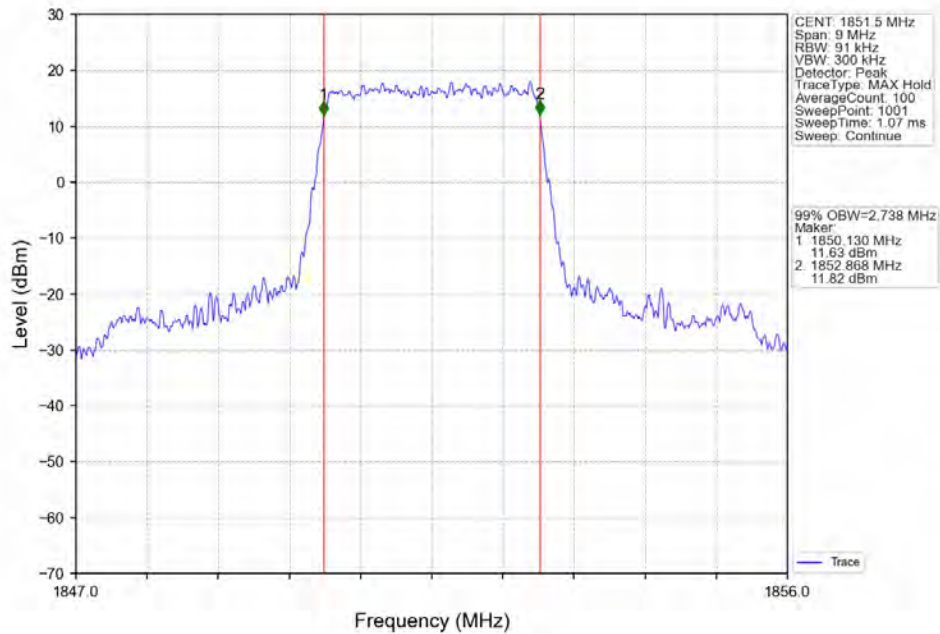
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



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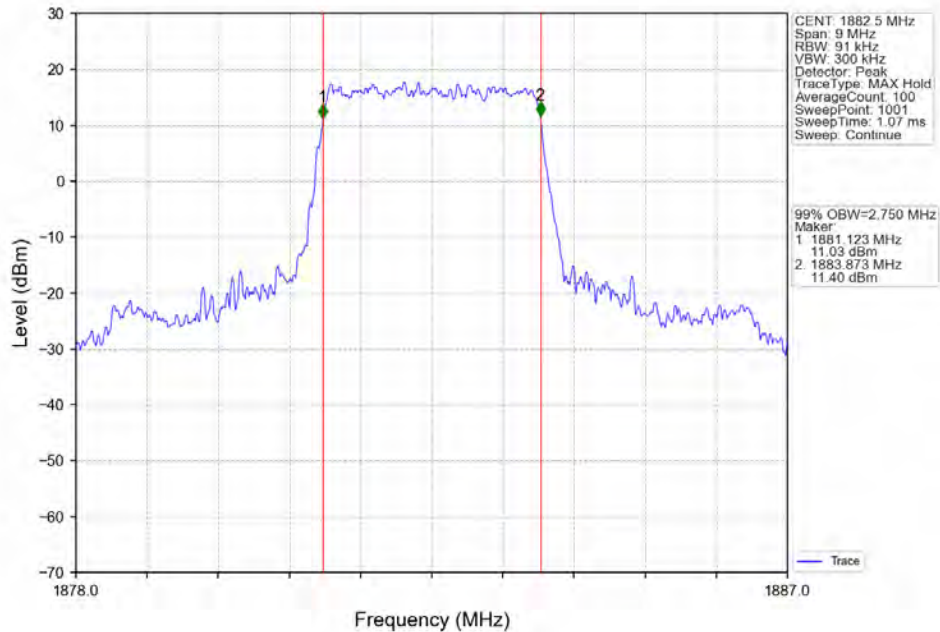
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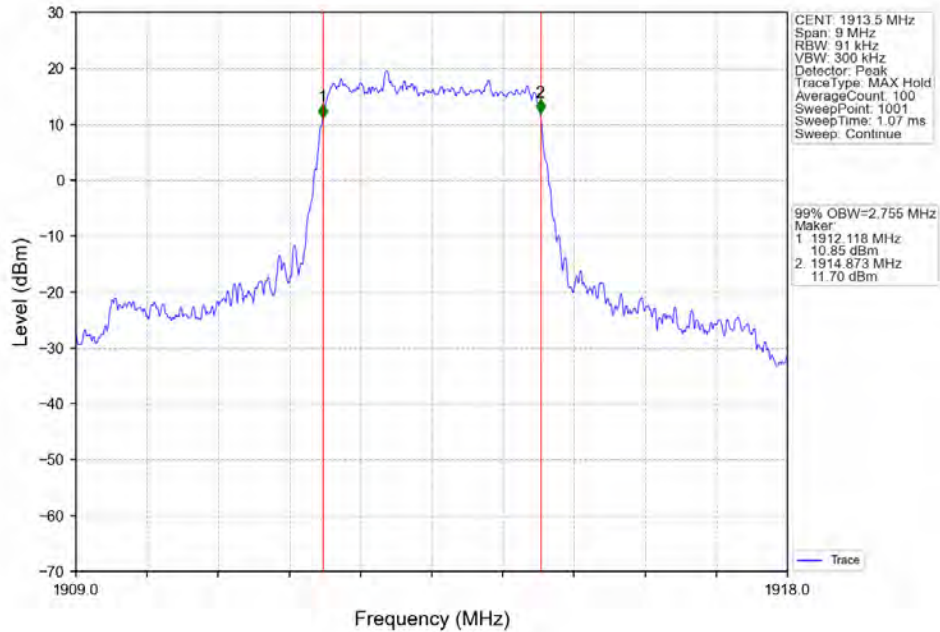
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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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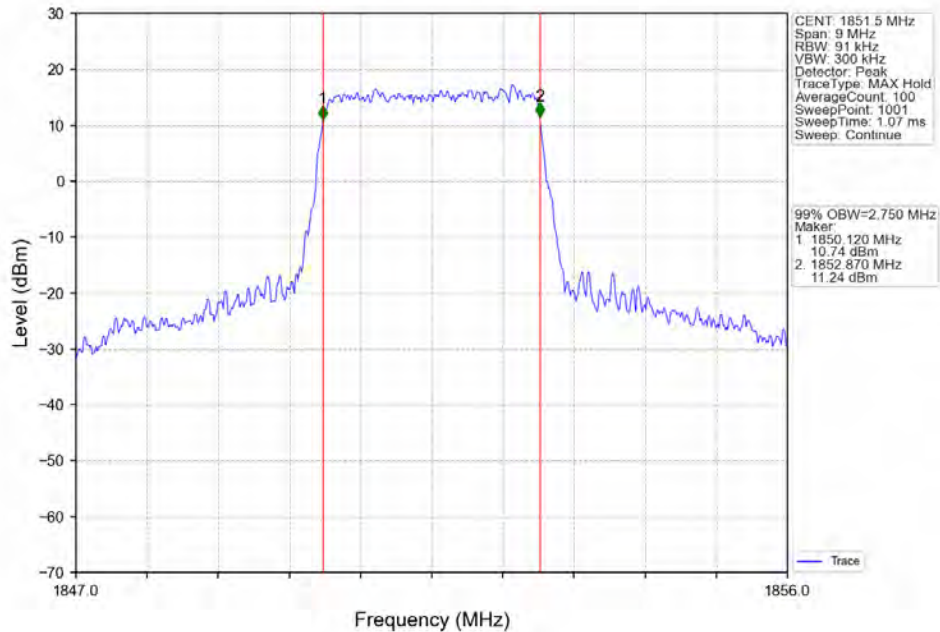
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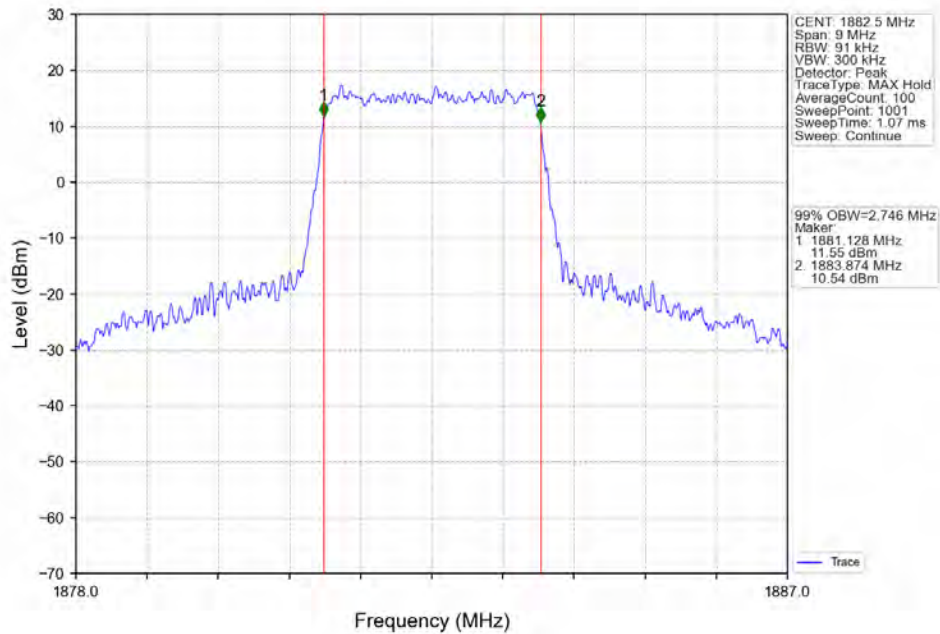
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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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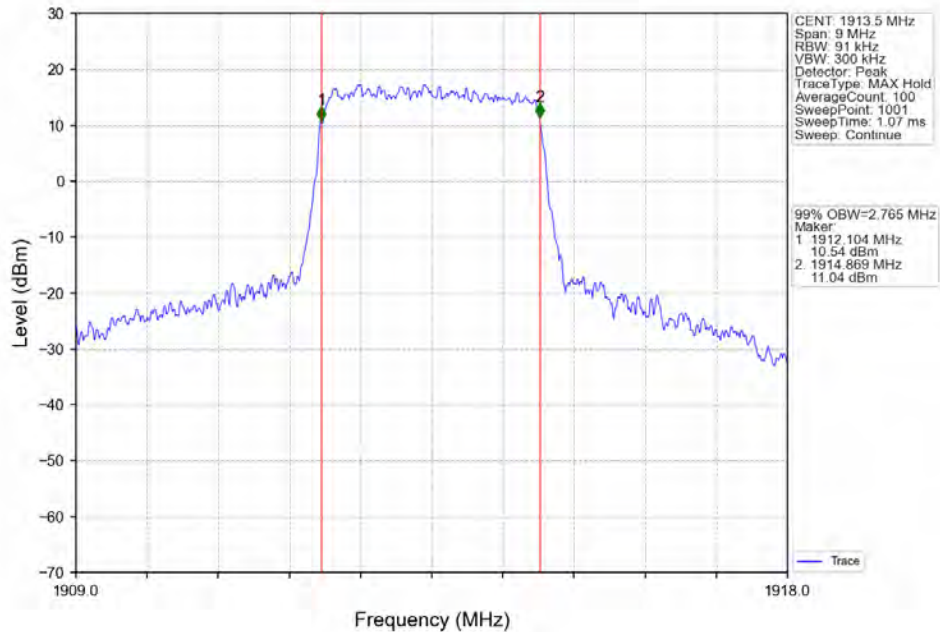
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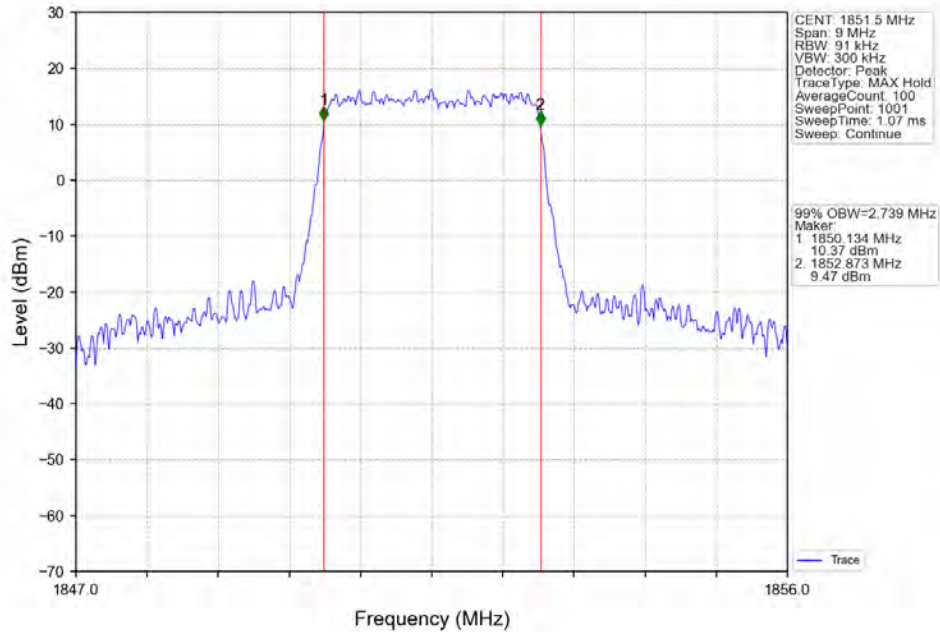
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Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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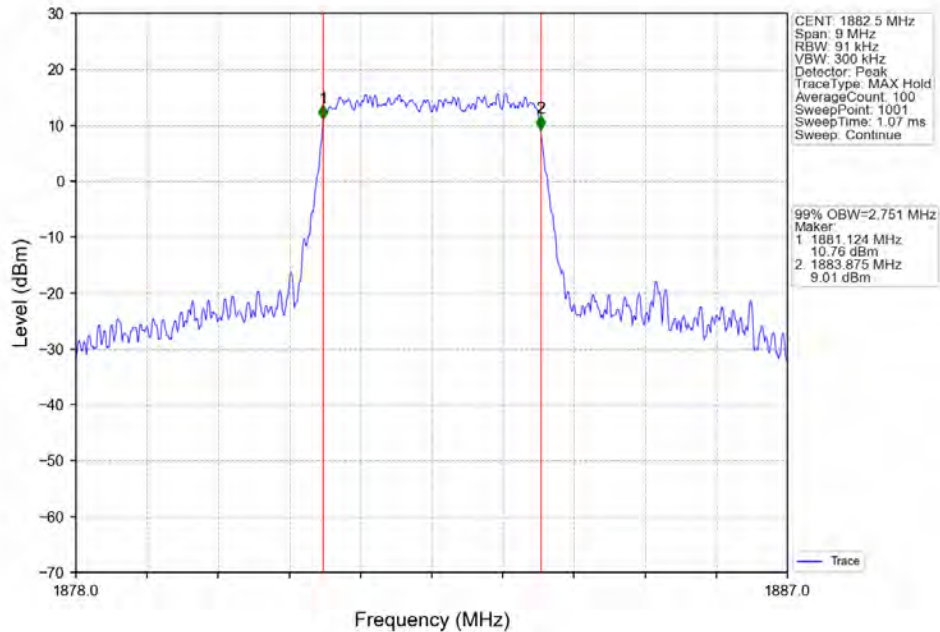
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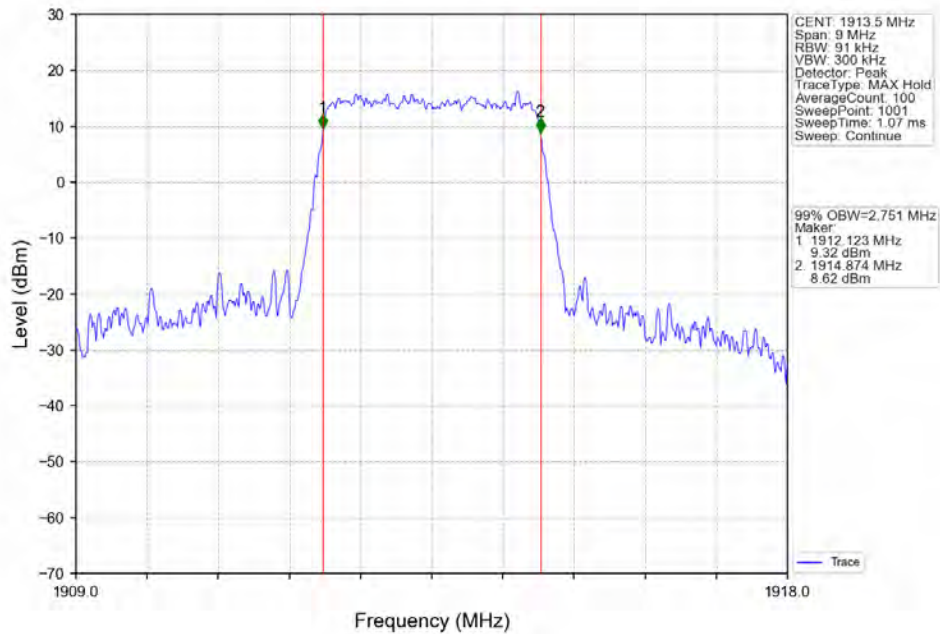
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Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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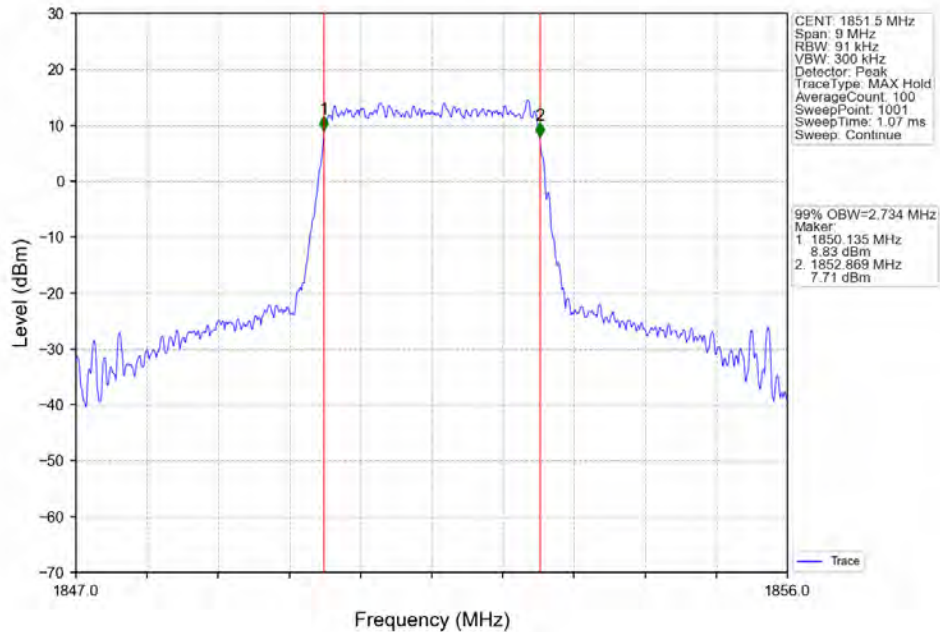
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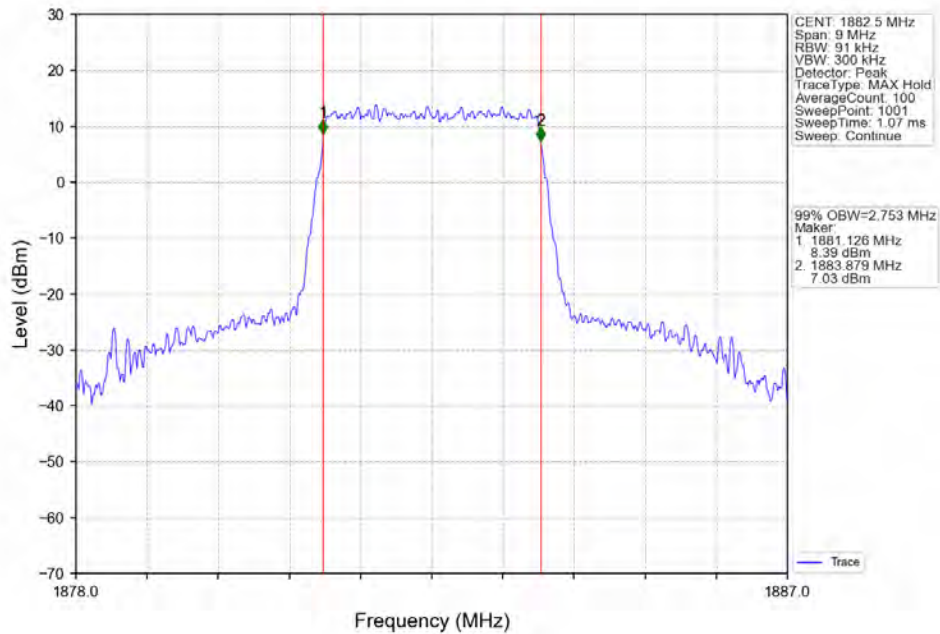
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Band25_3MHz_256QAM_HCH_1913.5MHz_RB_15_0_NTNV



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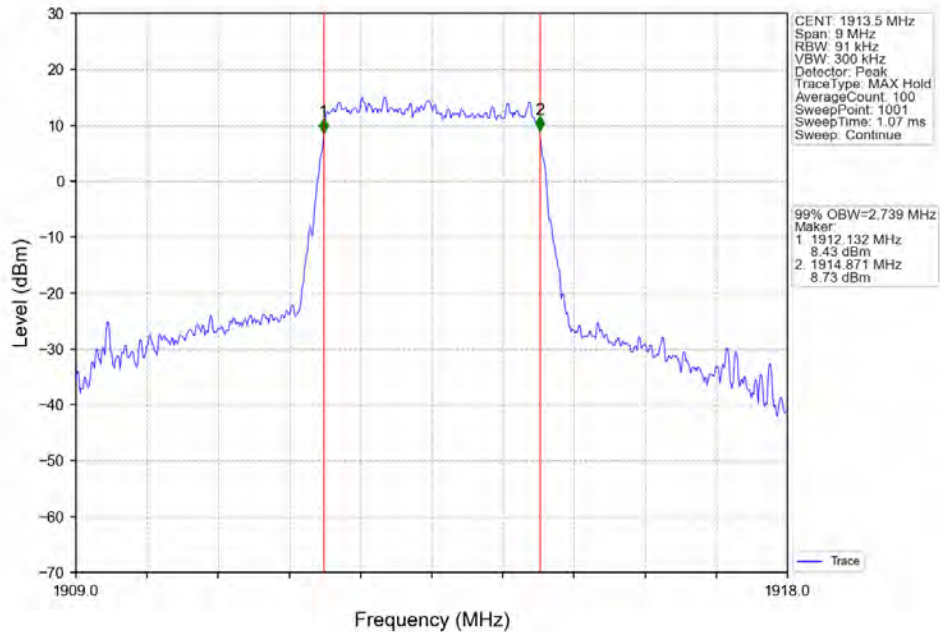
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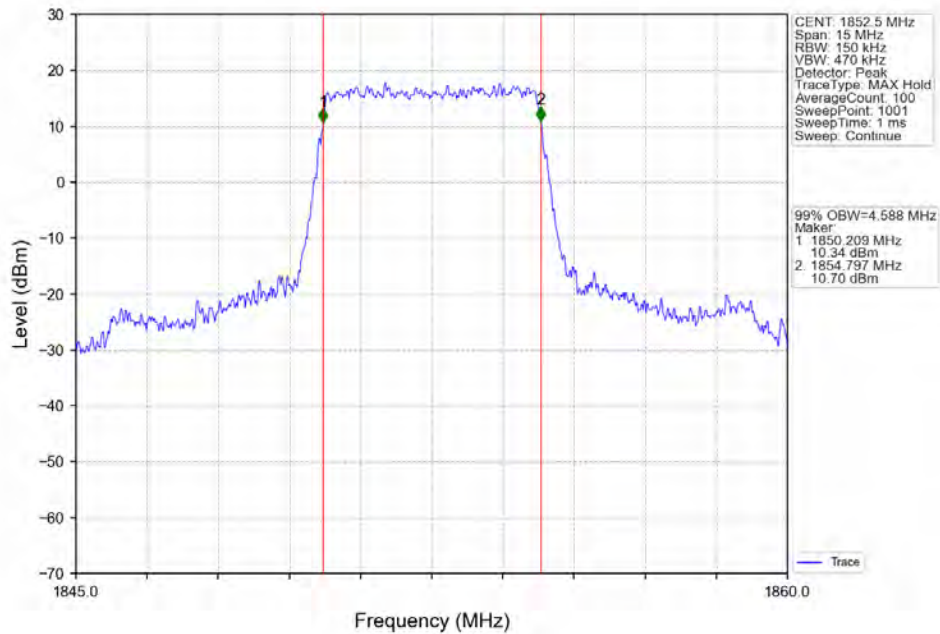
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Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



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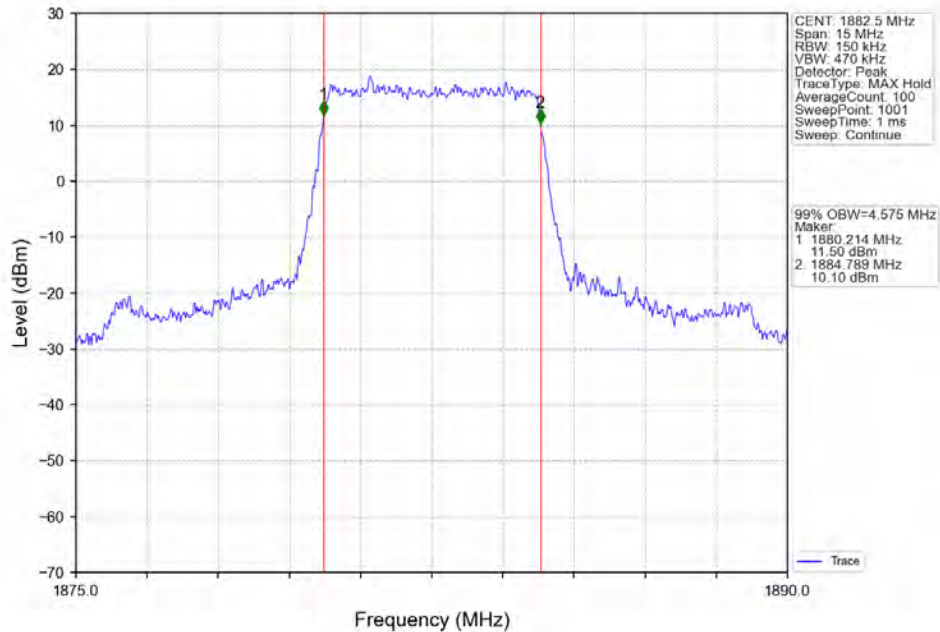
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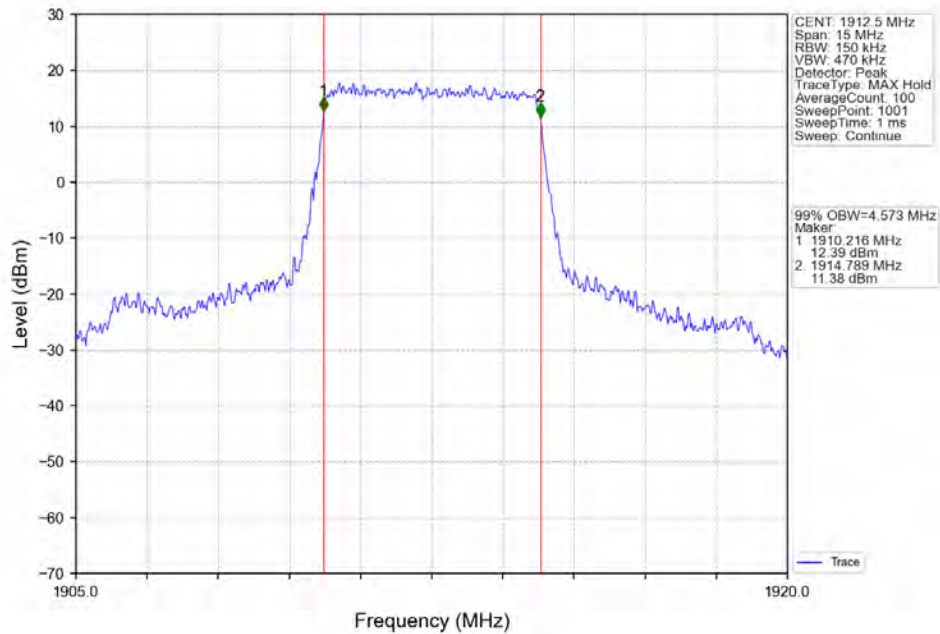
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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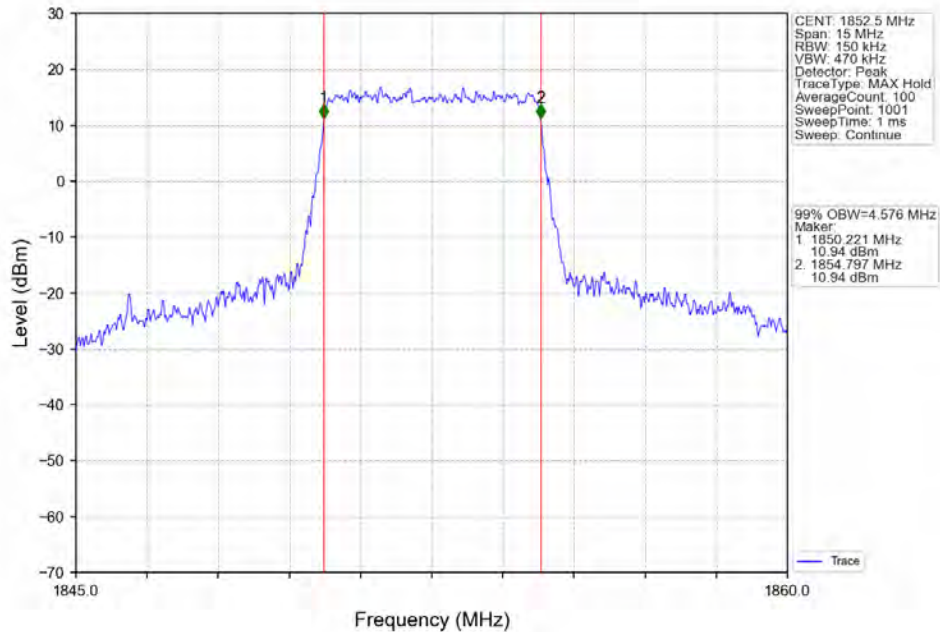
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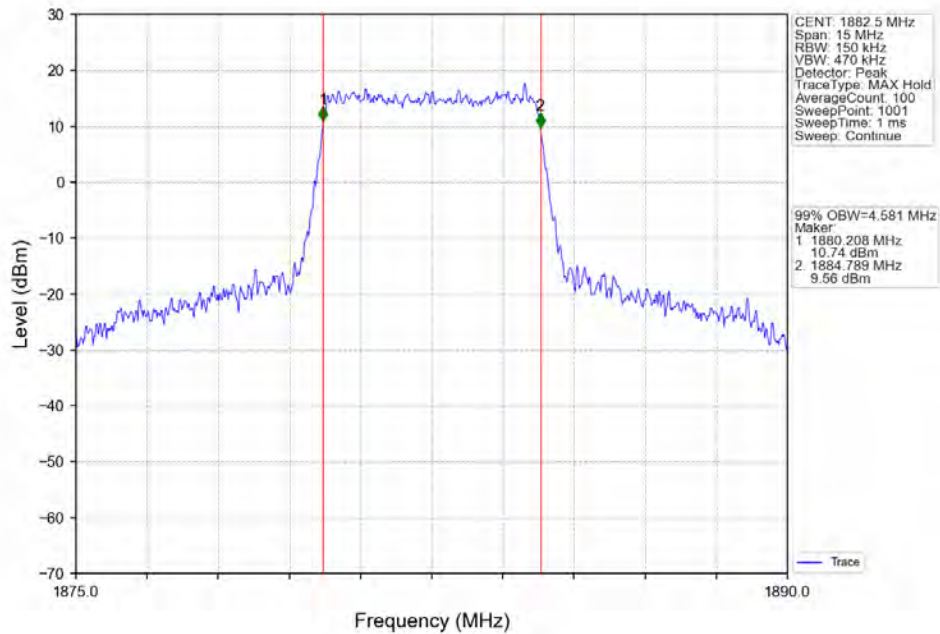
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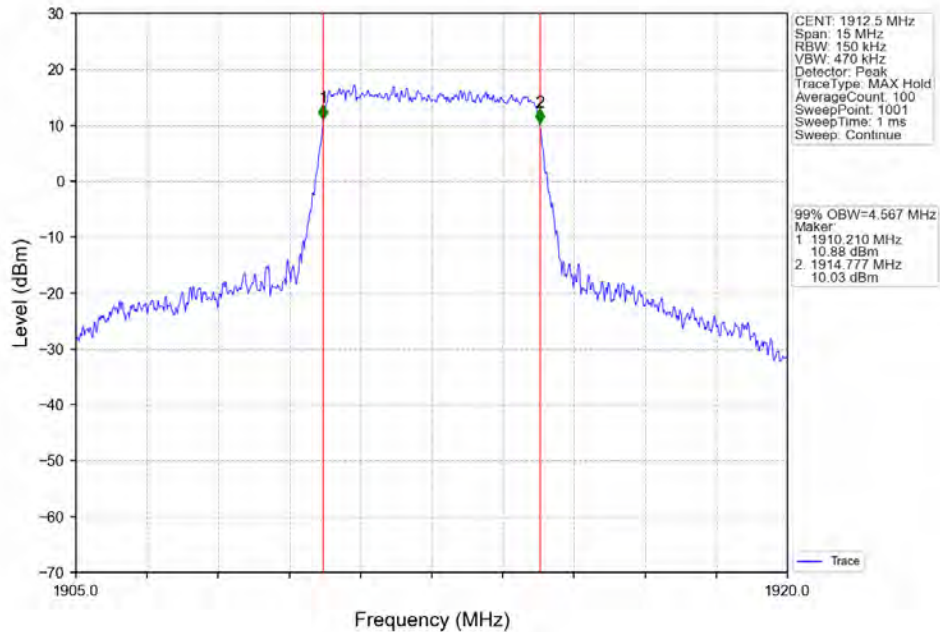
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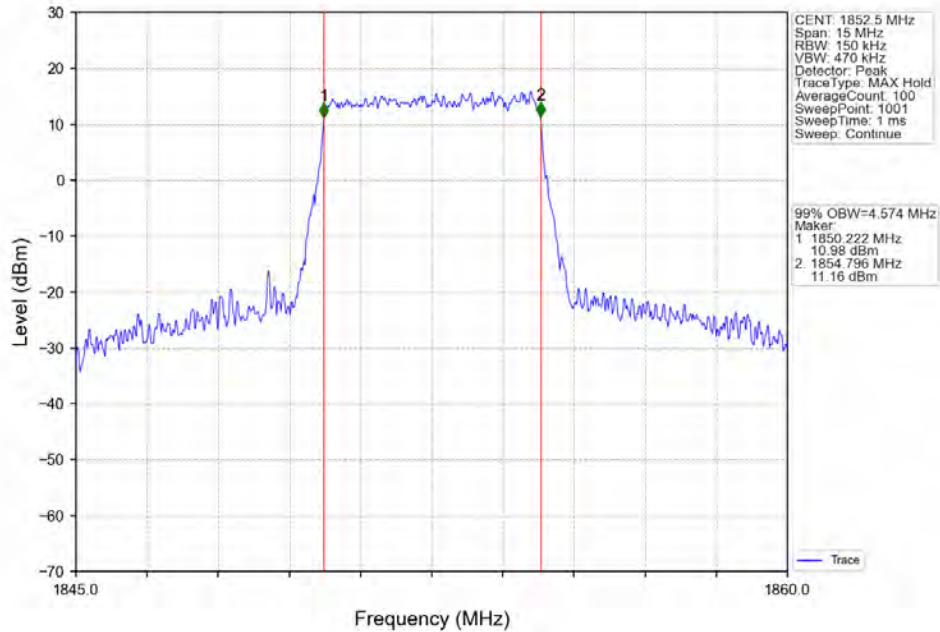
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Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



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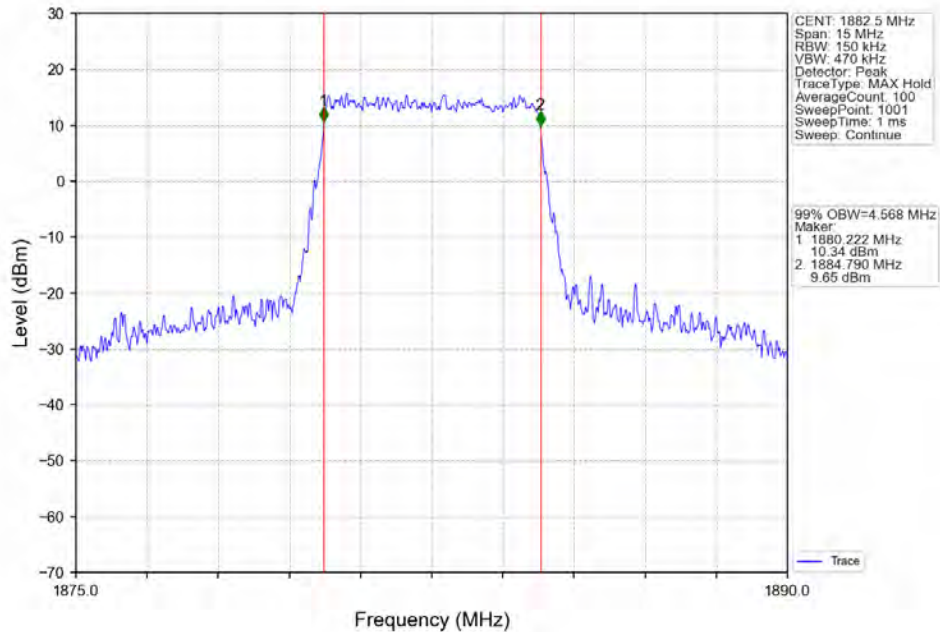
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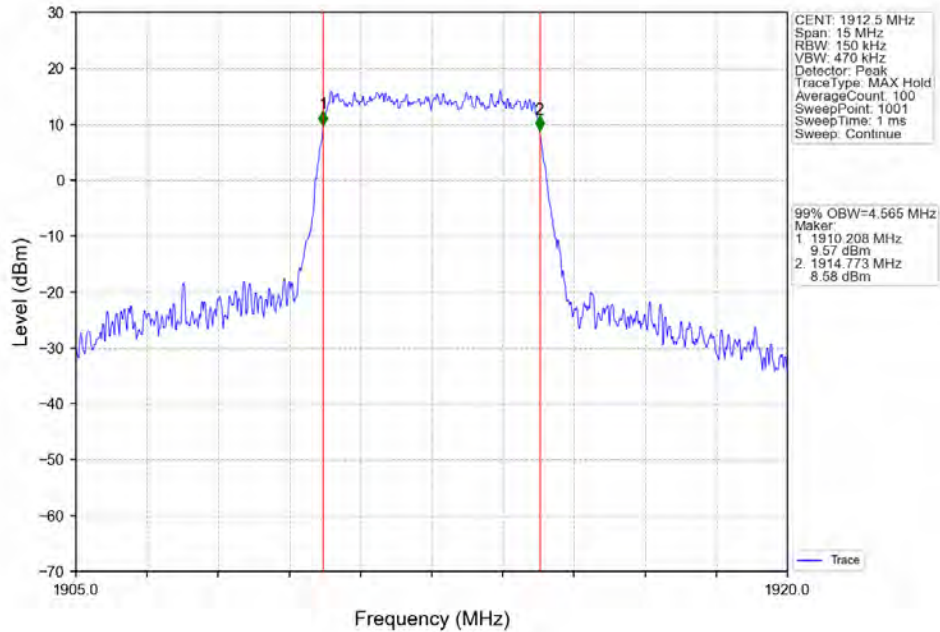
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Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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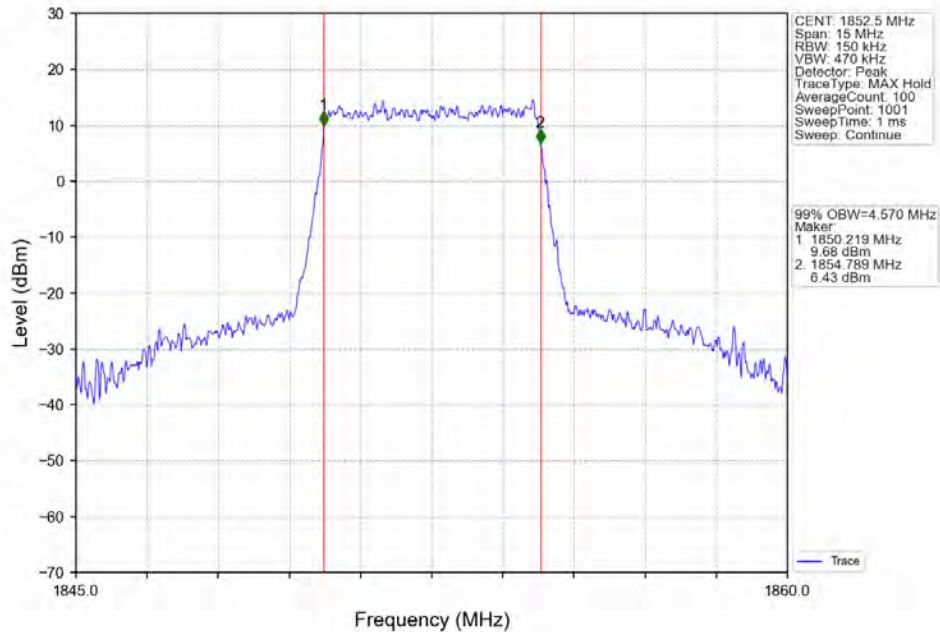
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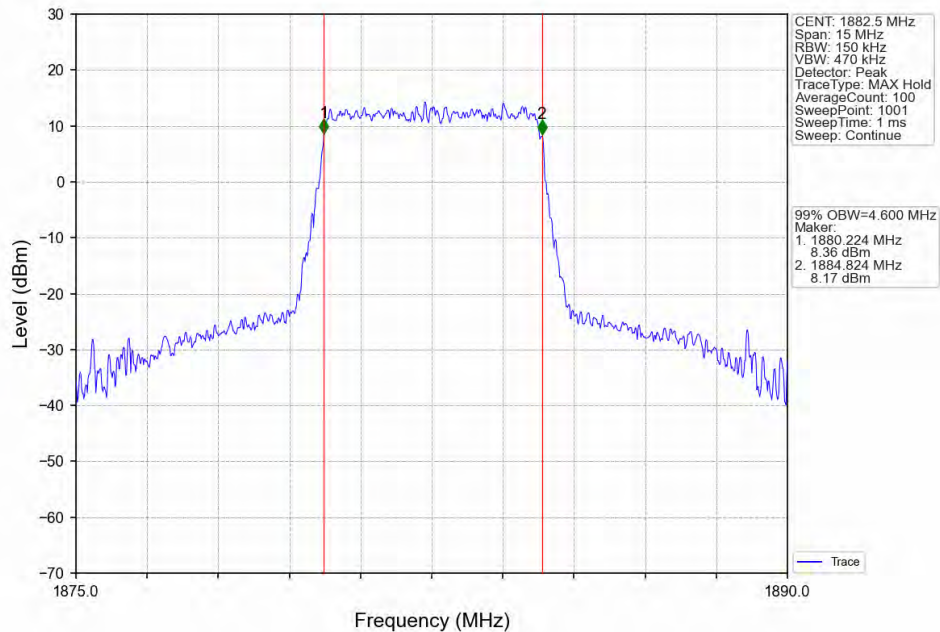
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Band25_5MHz_256QAM_HCH_1912.5MHz_RB_25_0_NTNV



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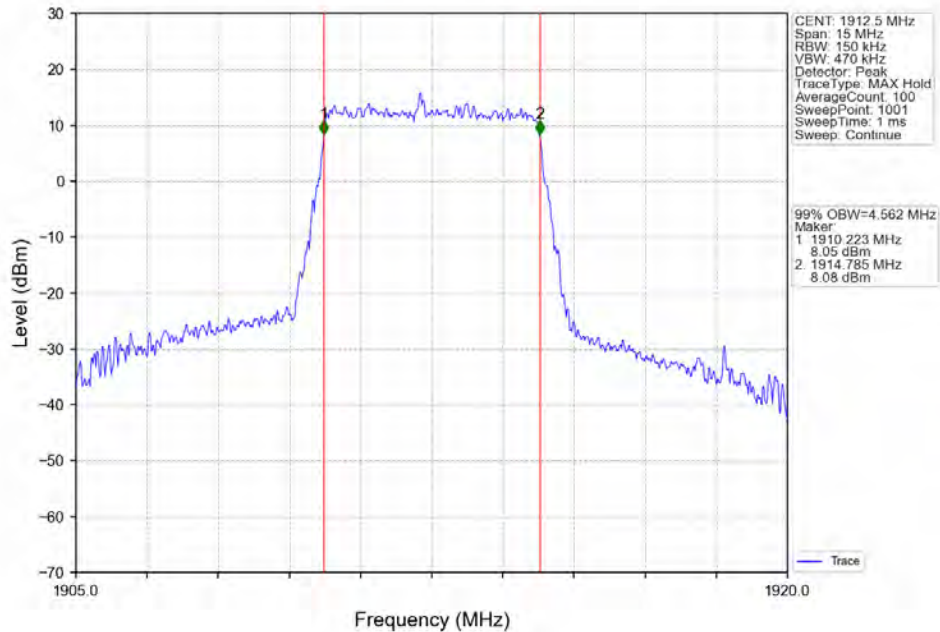
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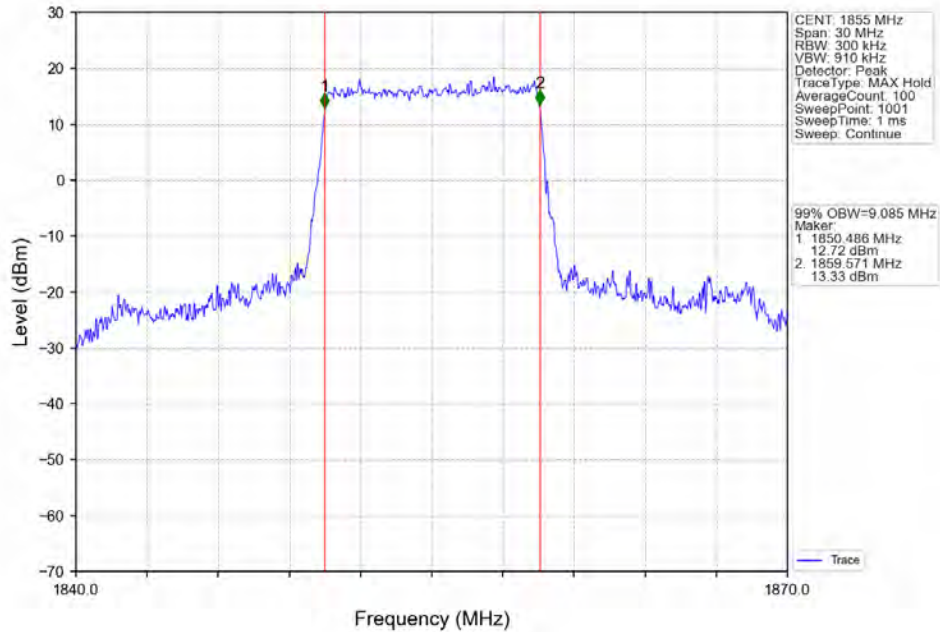
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Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



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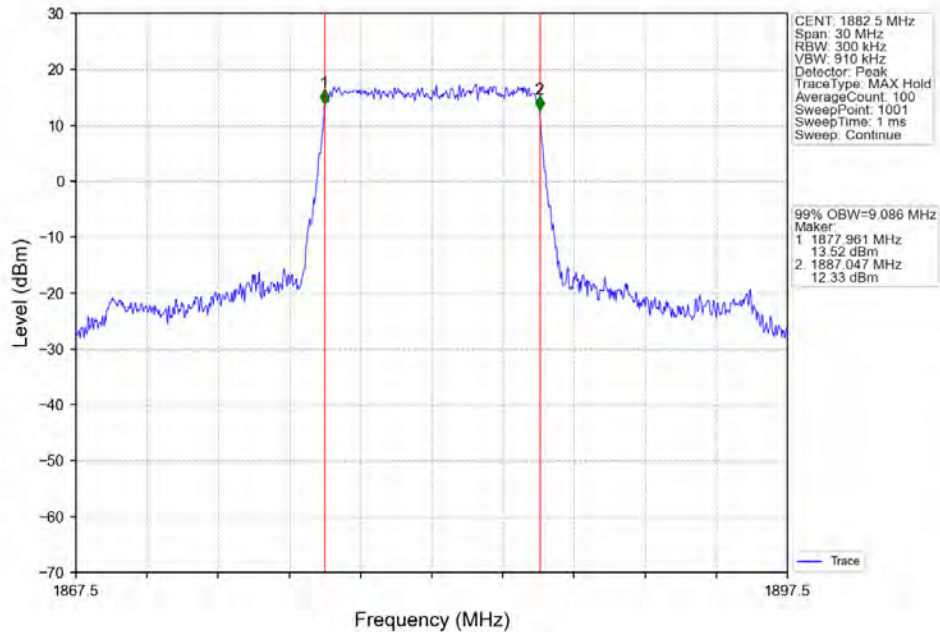
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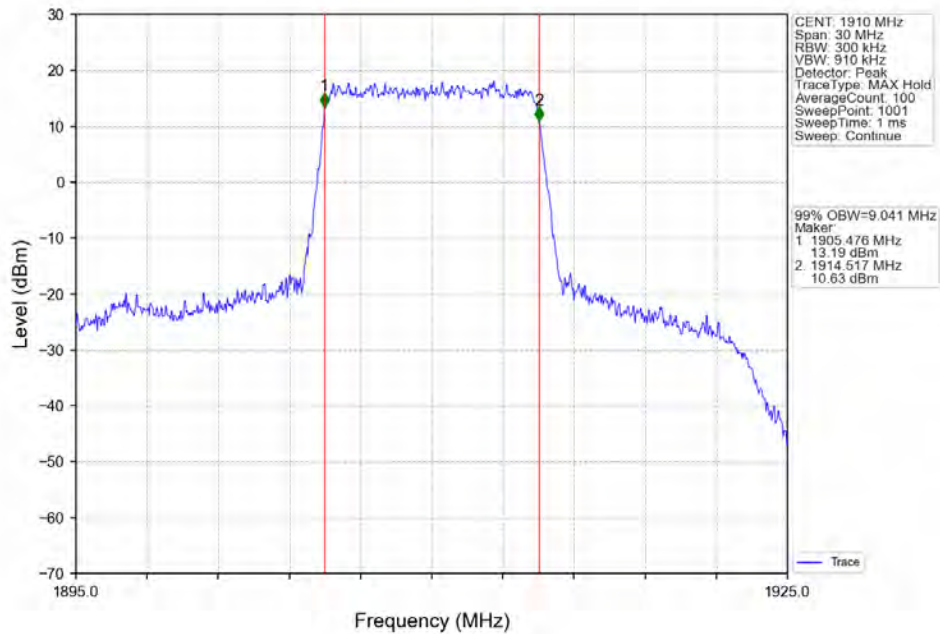
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Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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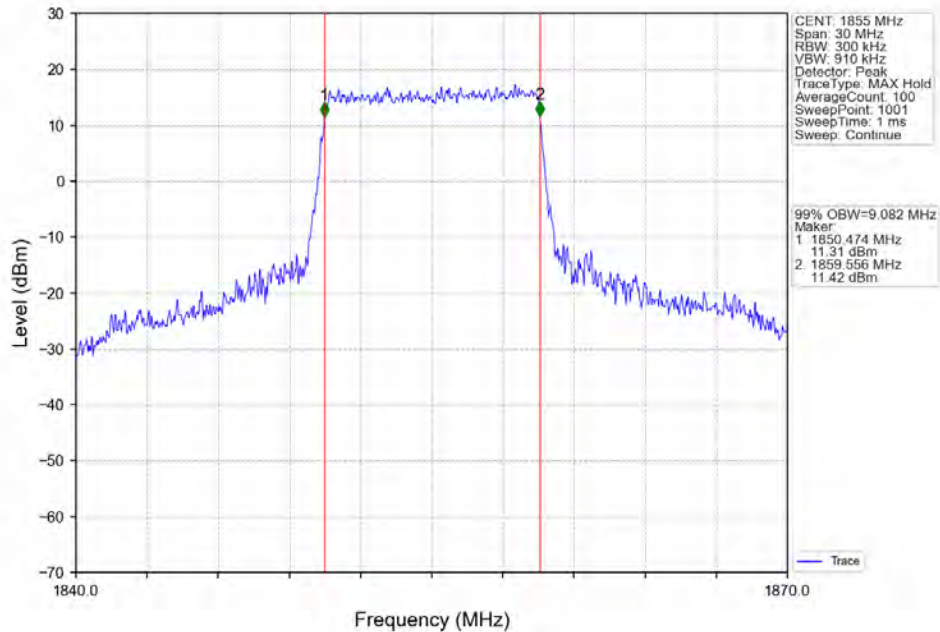
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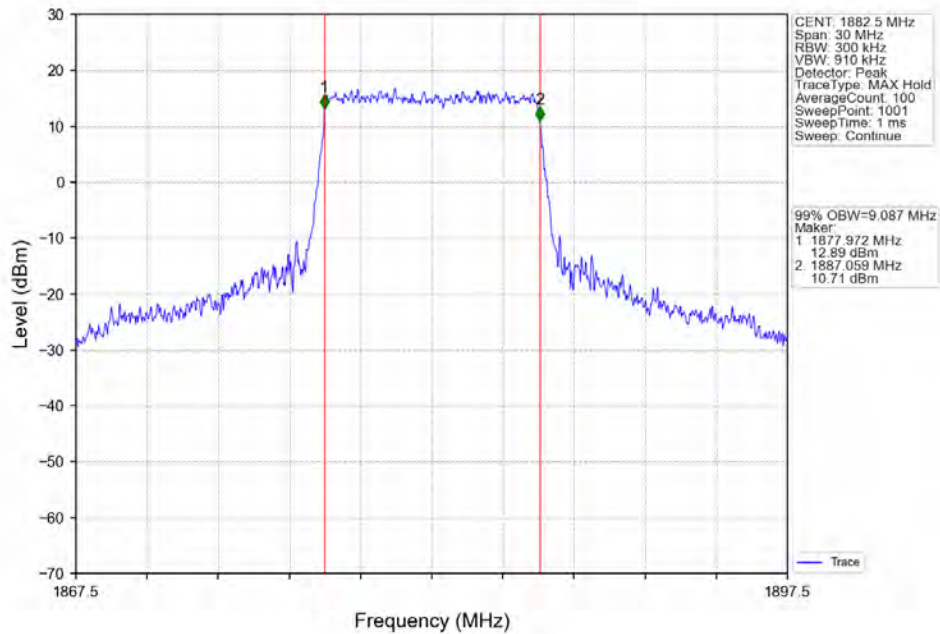
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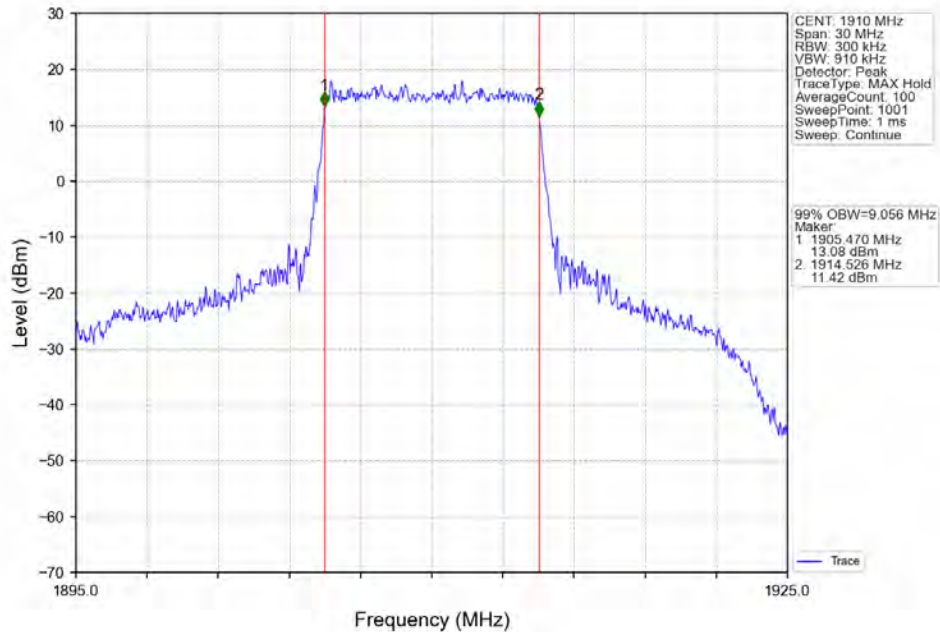
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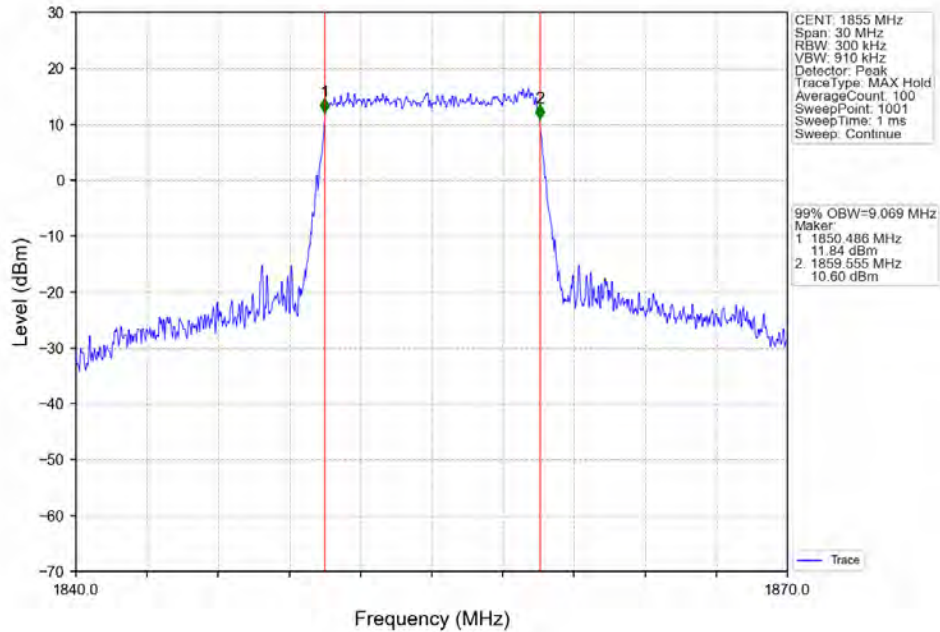
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Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



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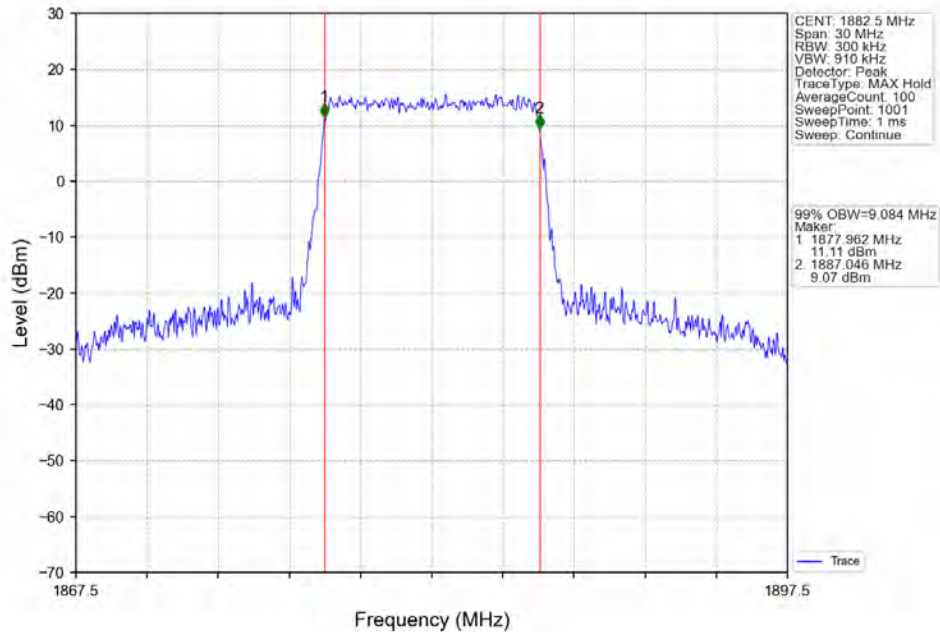
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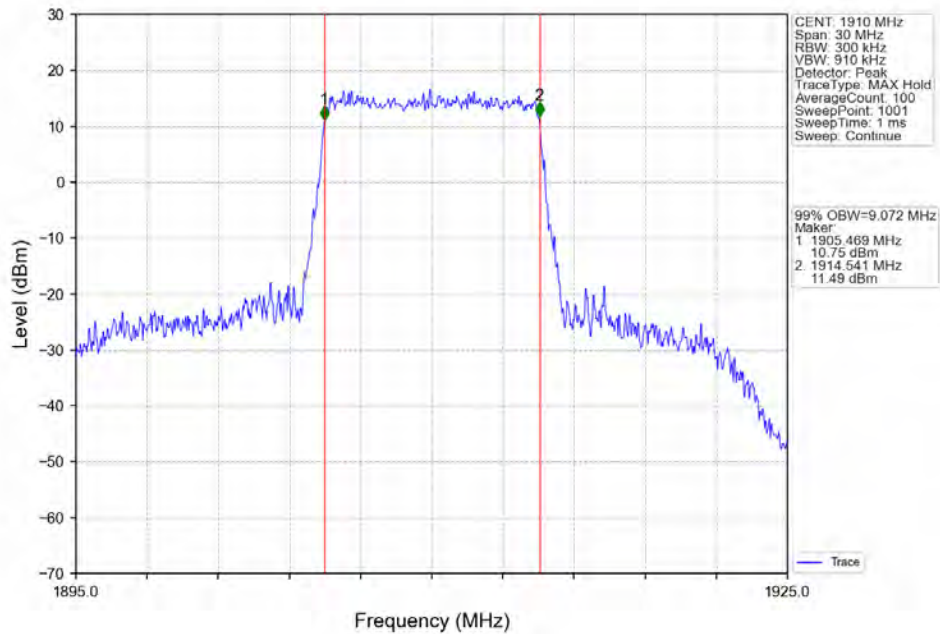
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Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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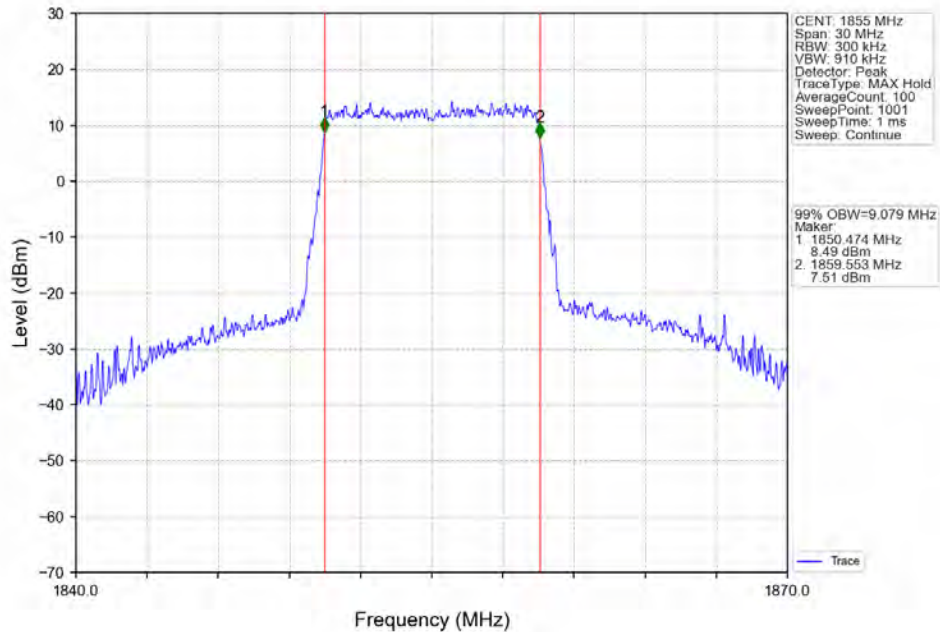
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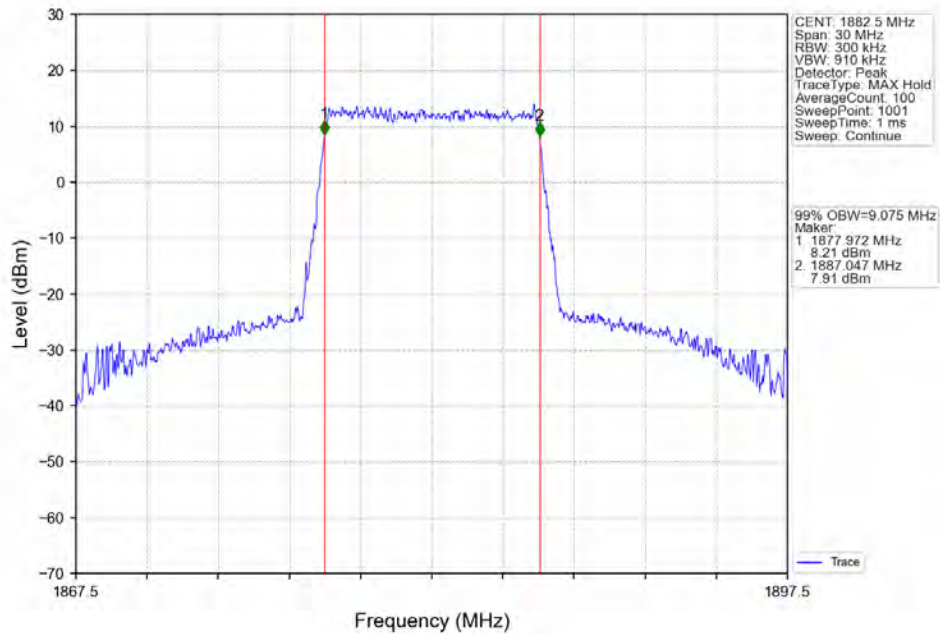
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Band25_10MHz_256QAM_HCH_1910MHz_RB_50_0_NTNV



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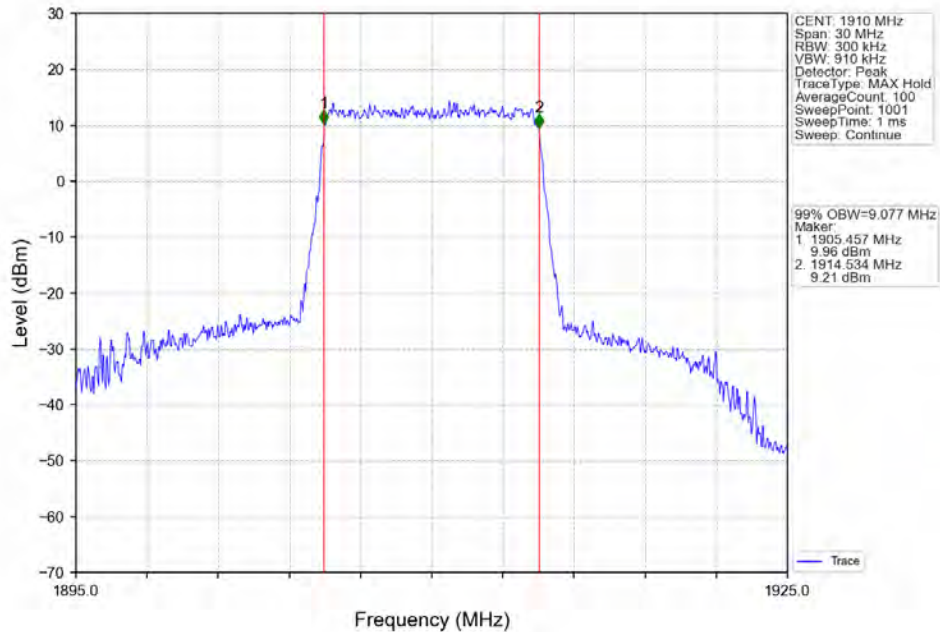
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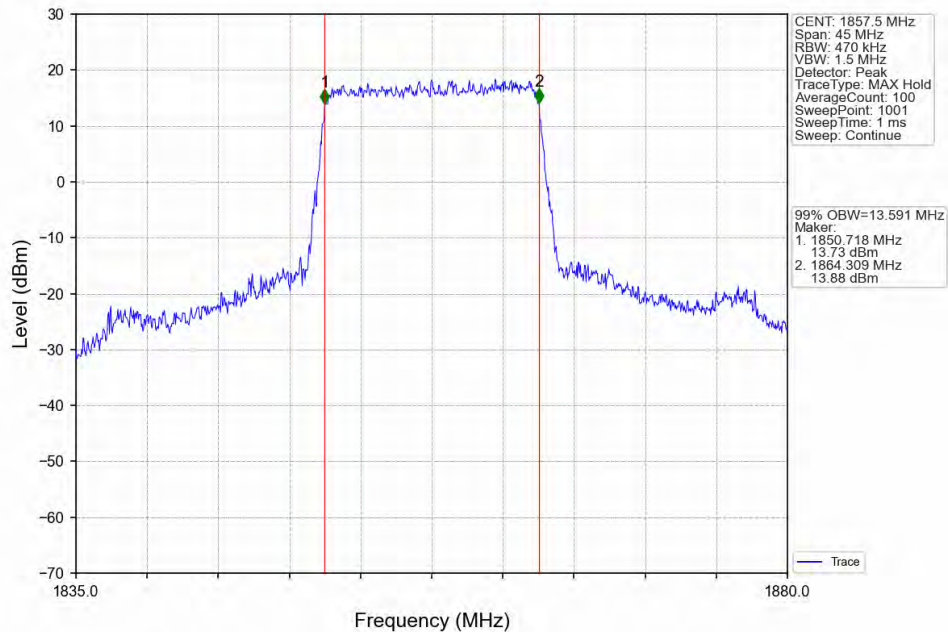
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Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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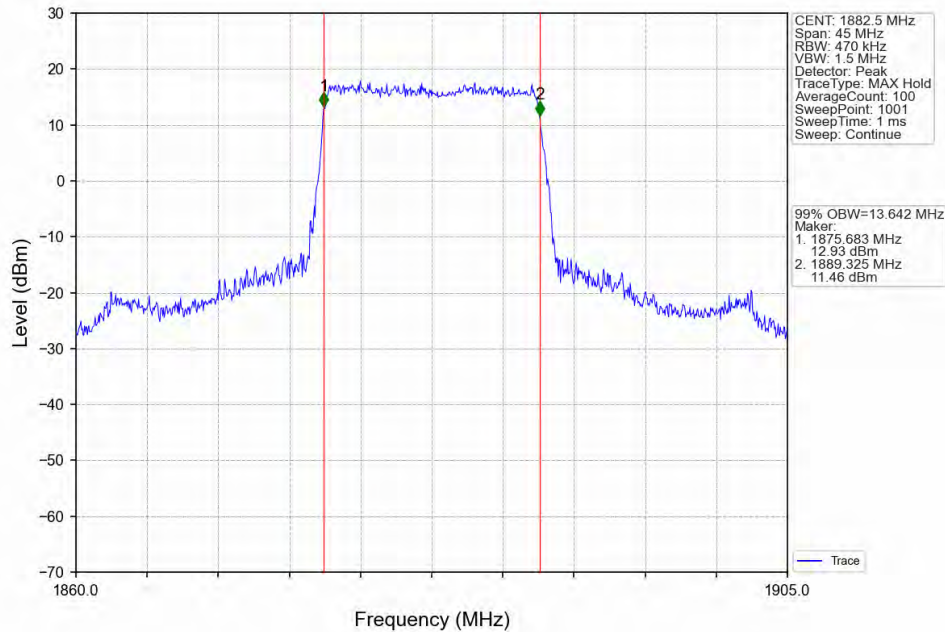
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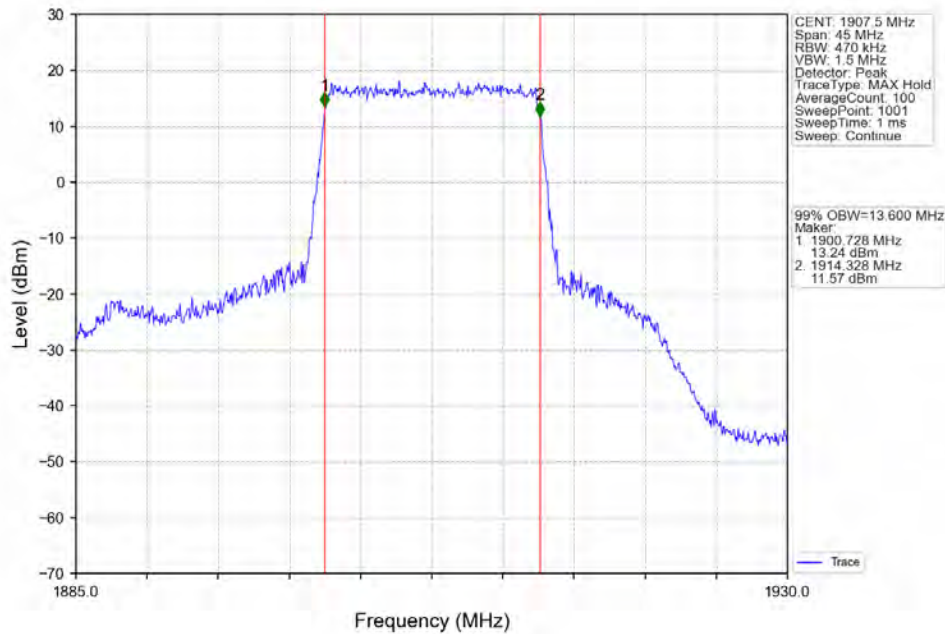
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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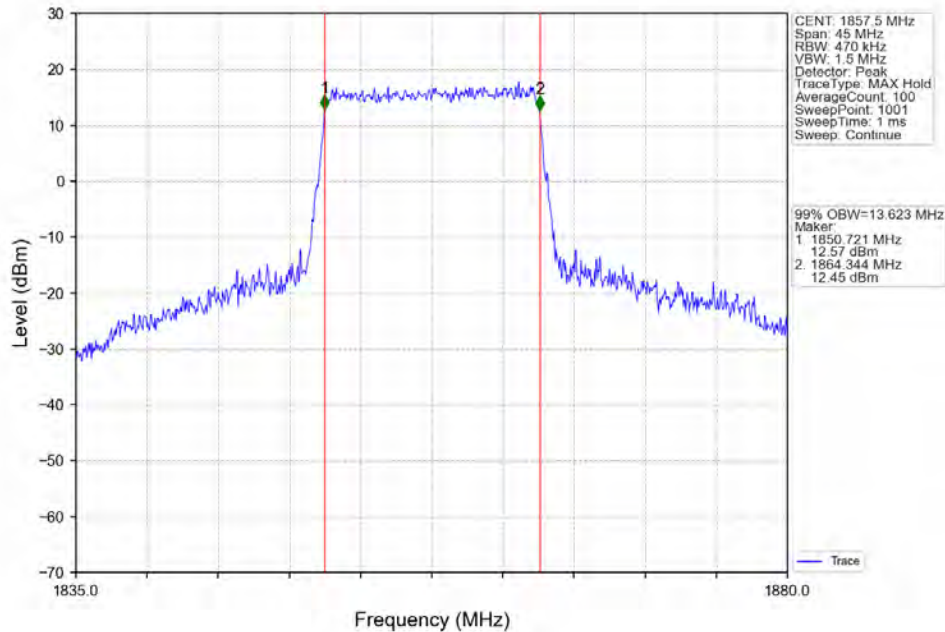
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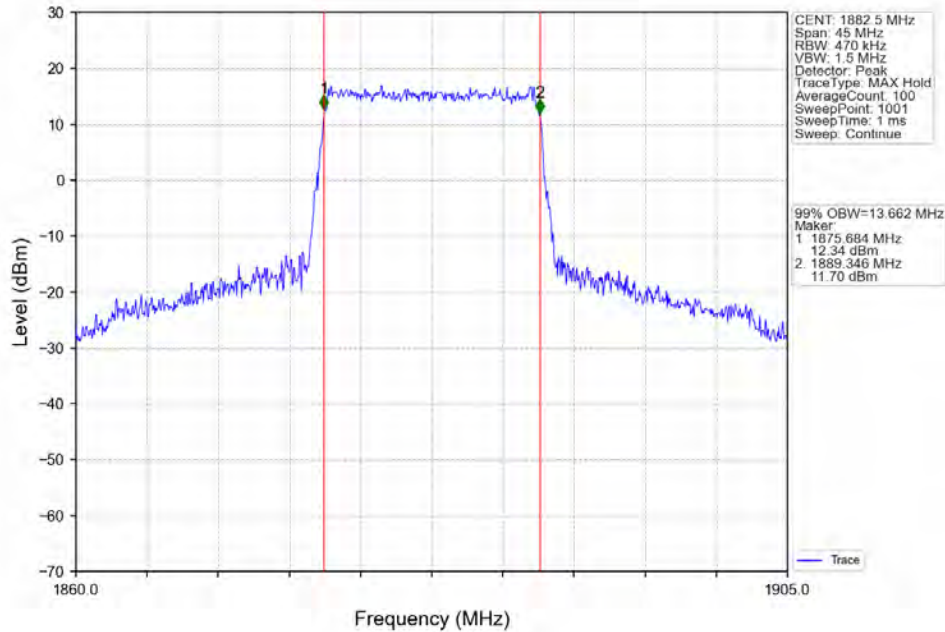
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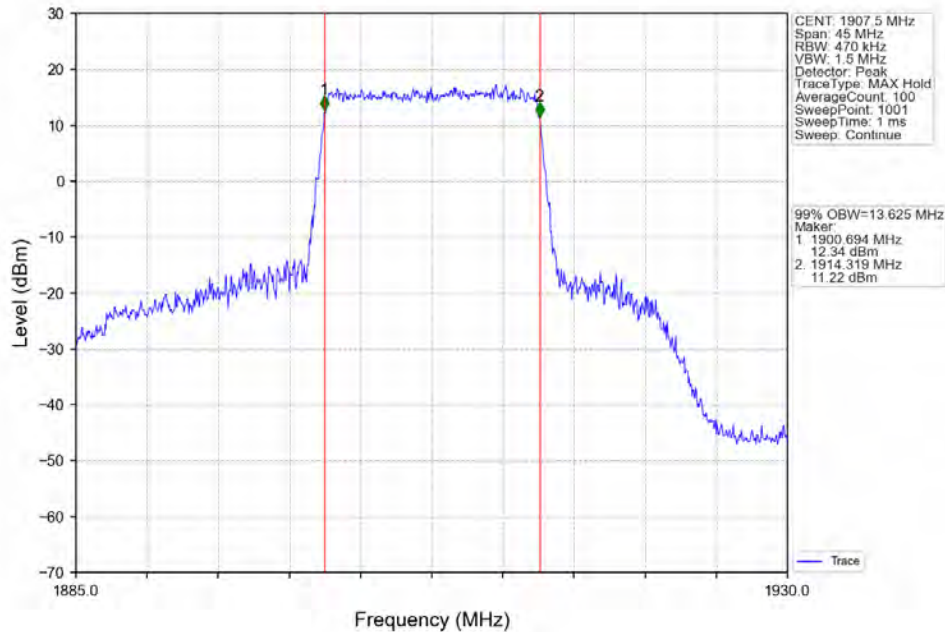
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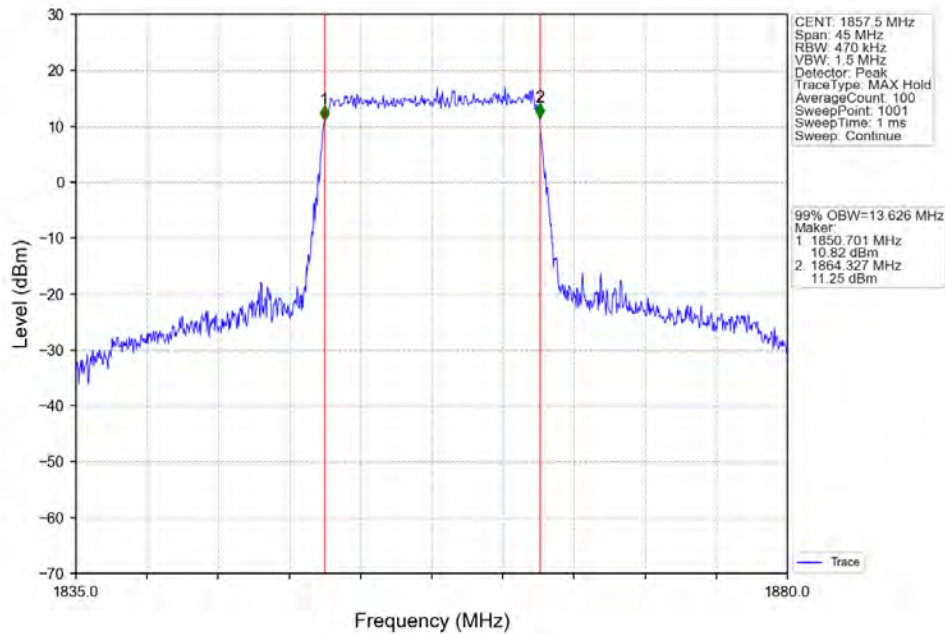
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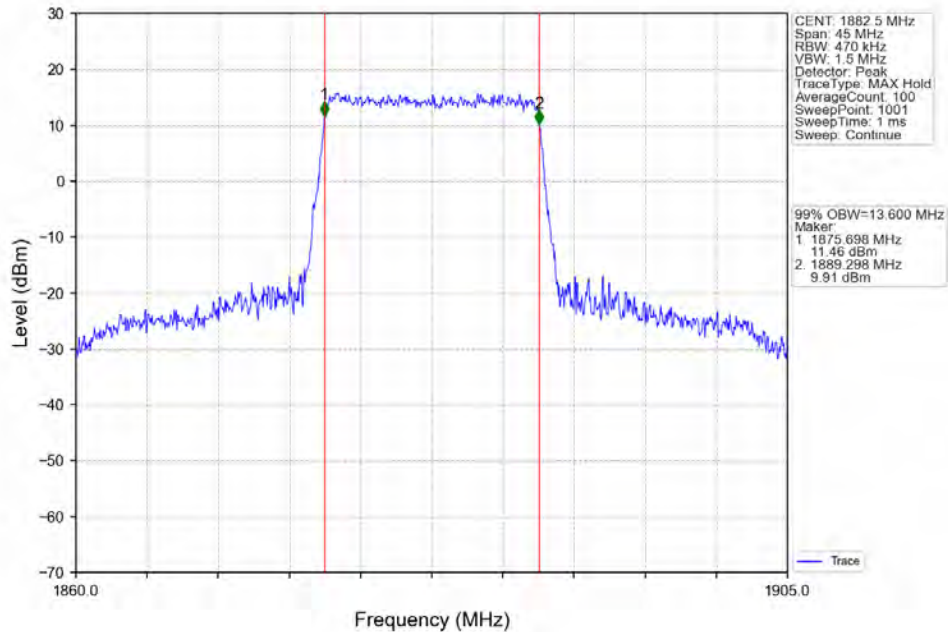
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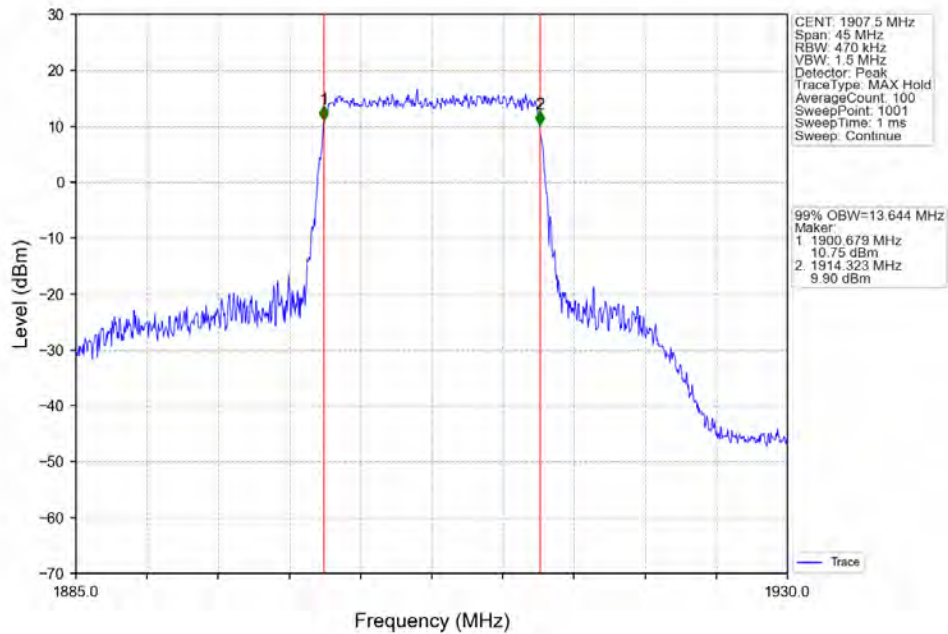
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Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV



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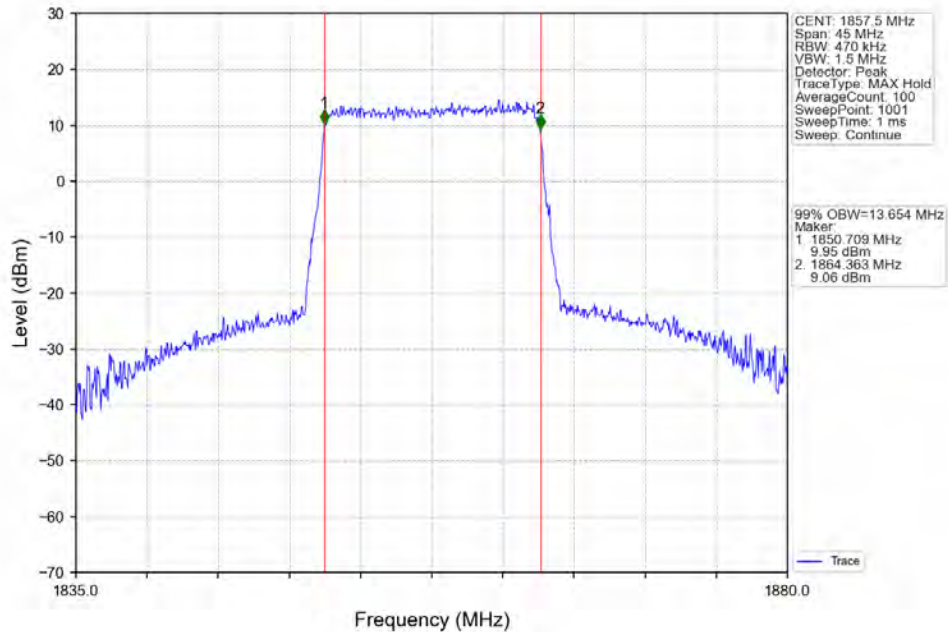
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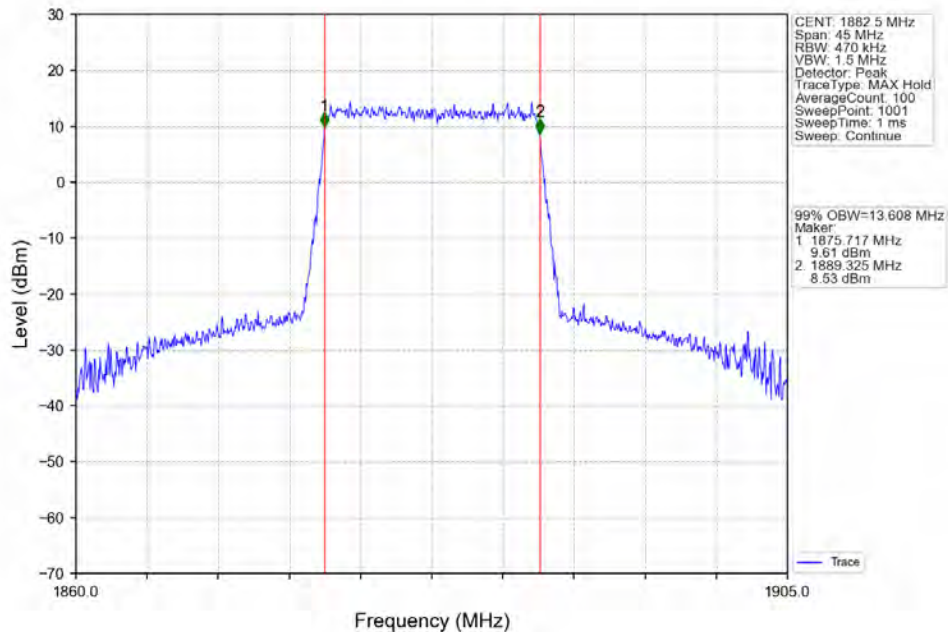
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Band25_15MHz_256QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_256QAM_HCH_1907.5MHz_RB_75_0_NTNV



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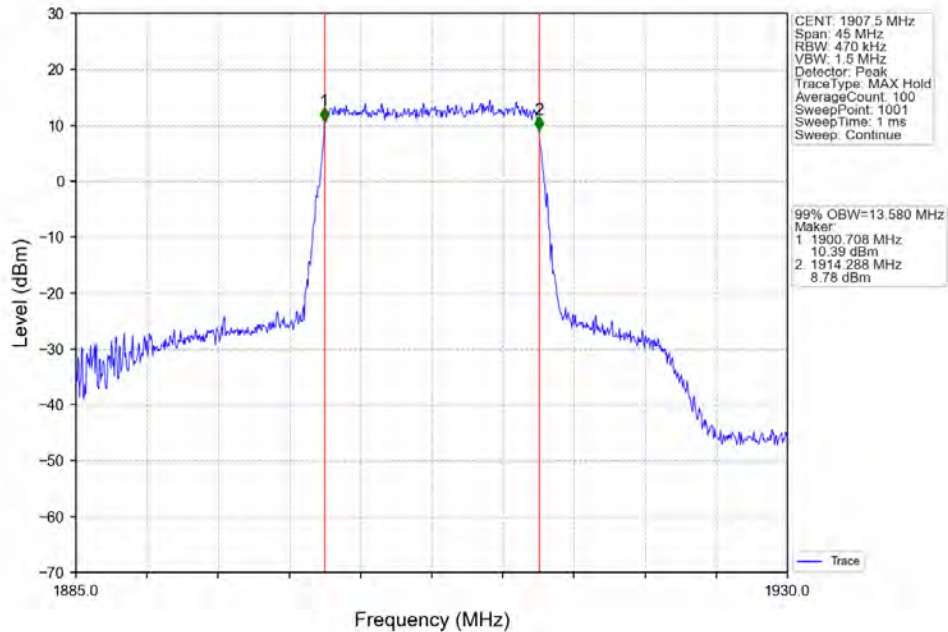
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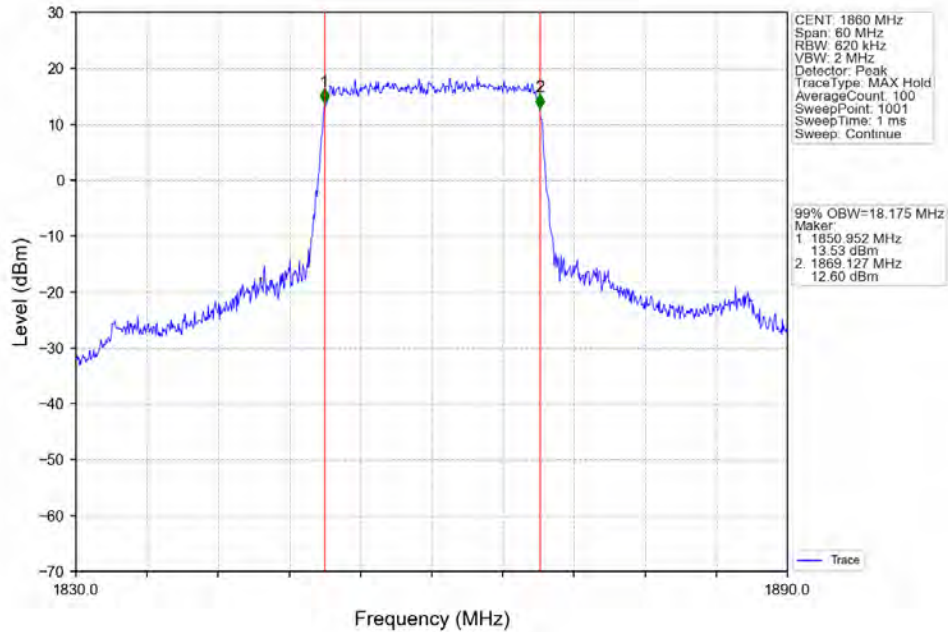
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



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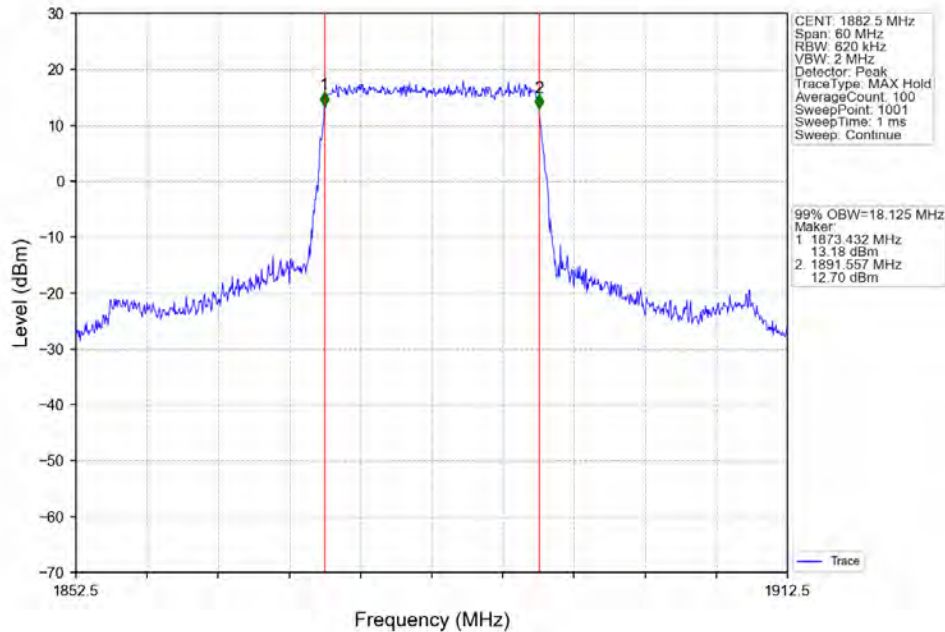
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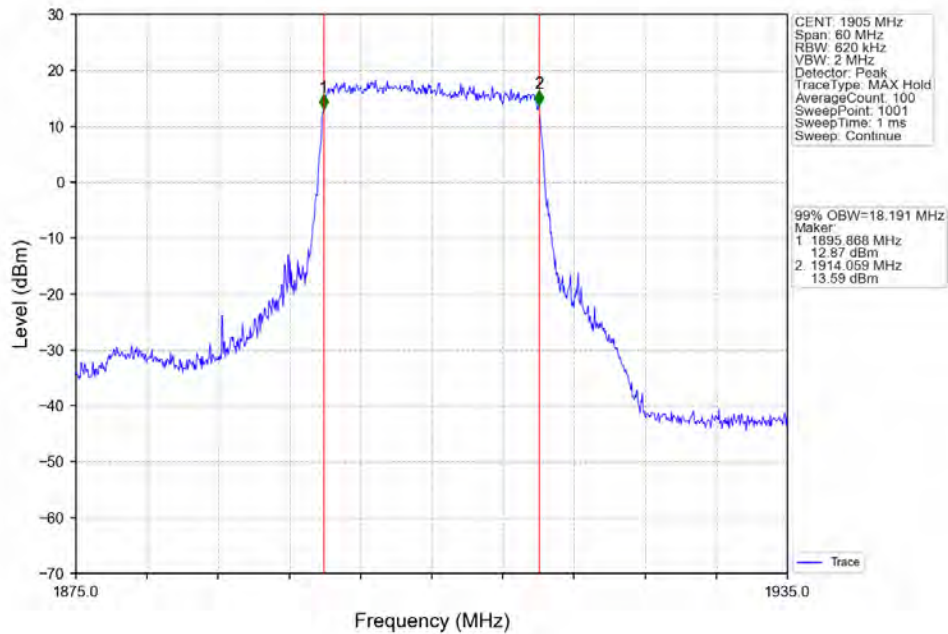
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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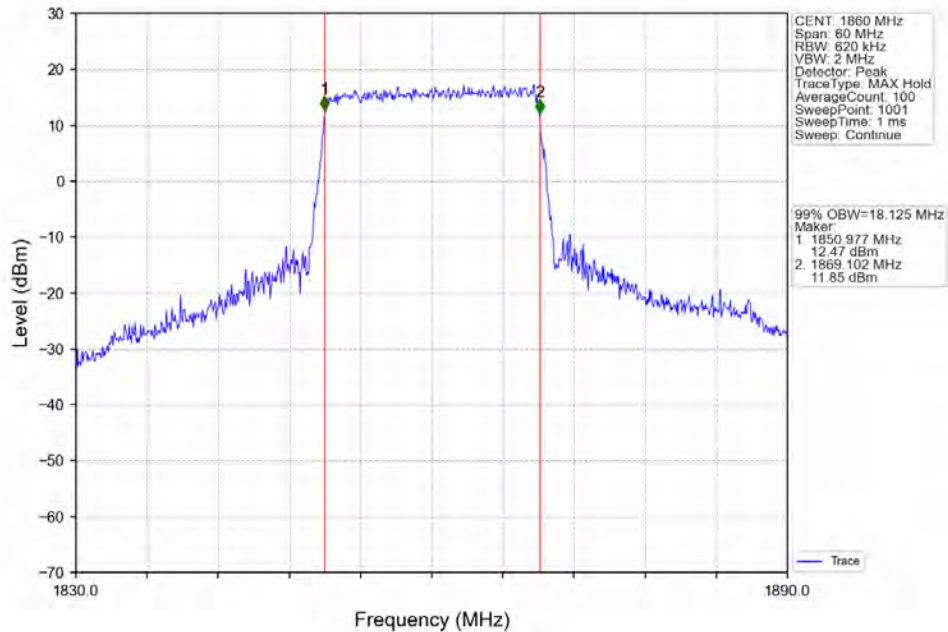
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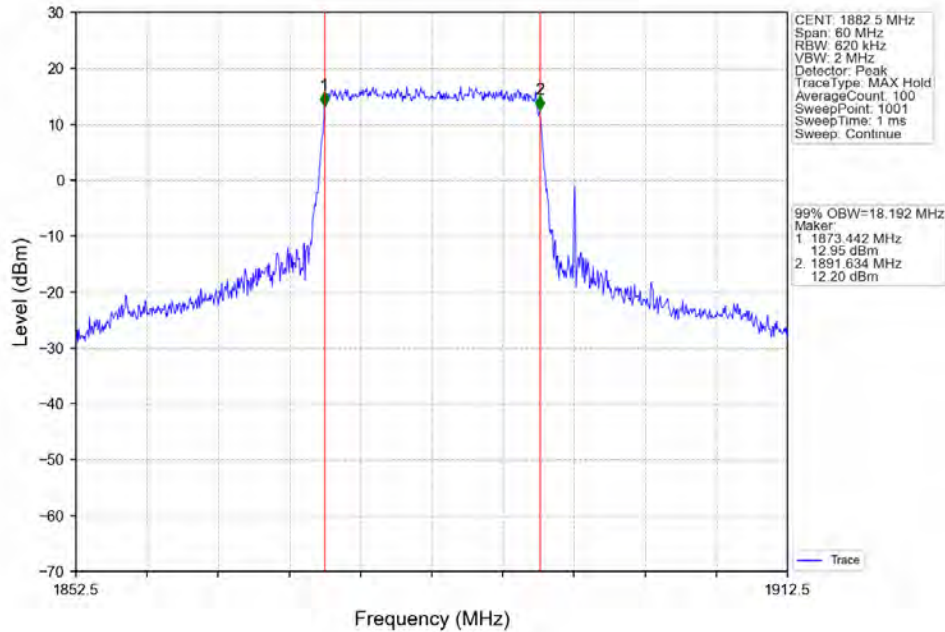
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Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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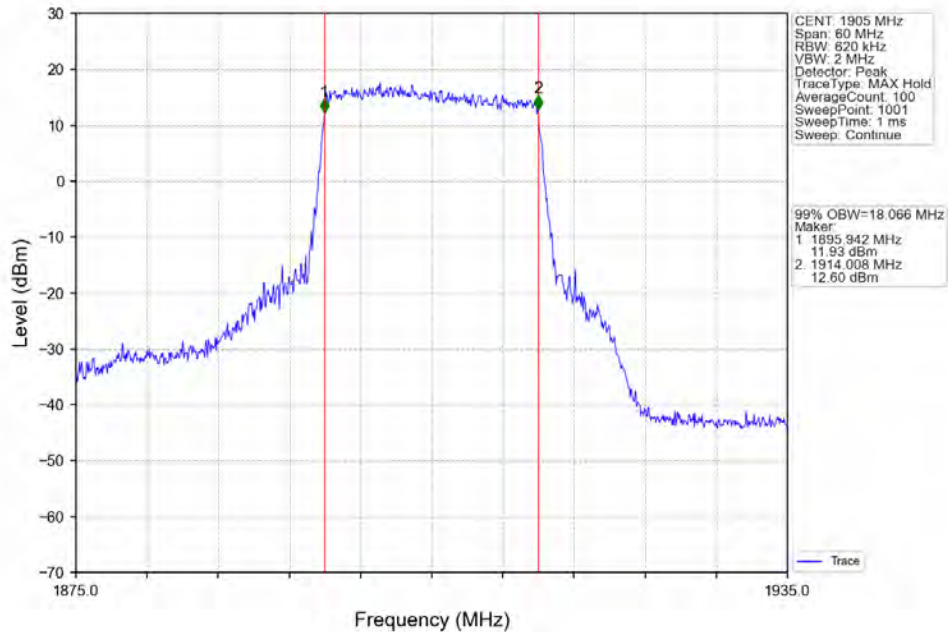
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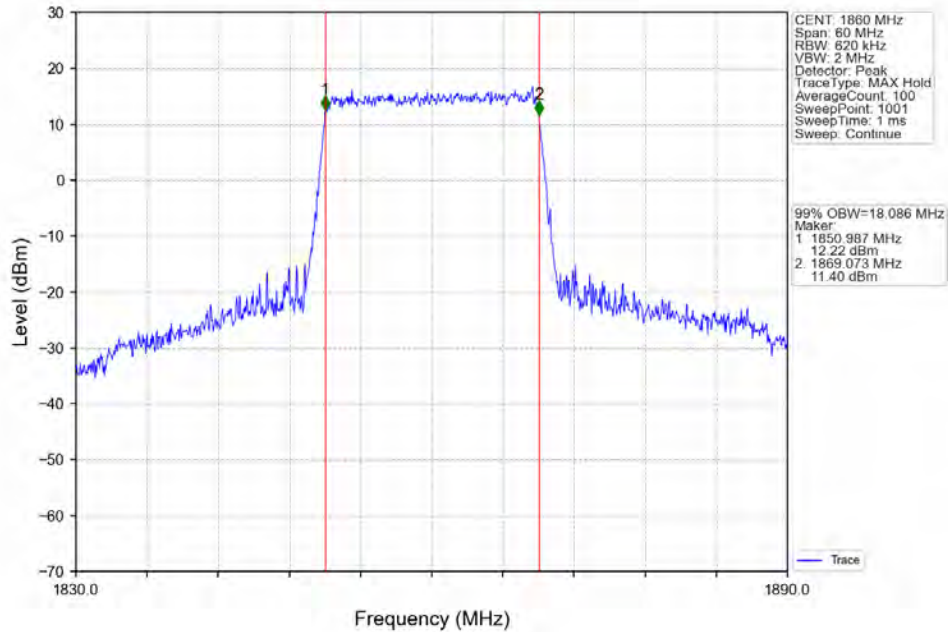
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Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



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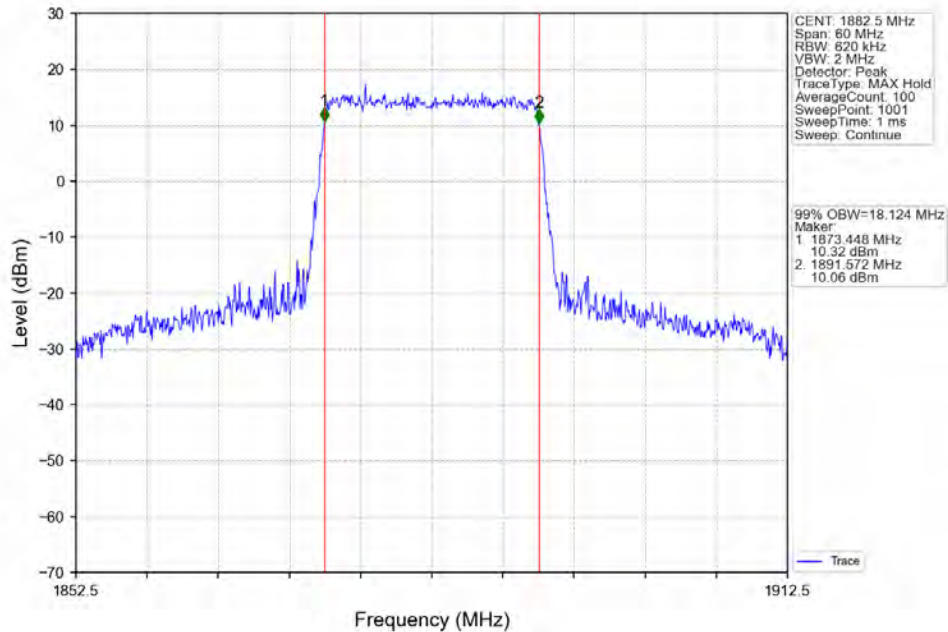
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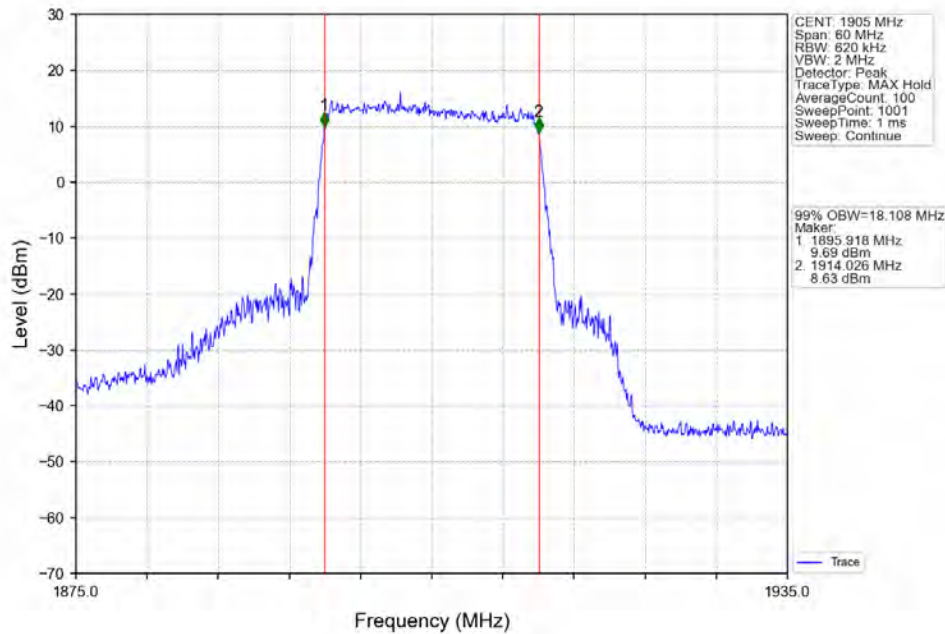
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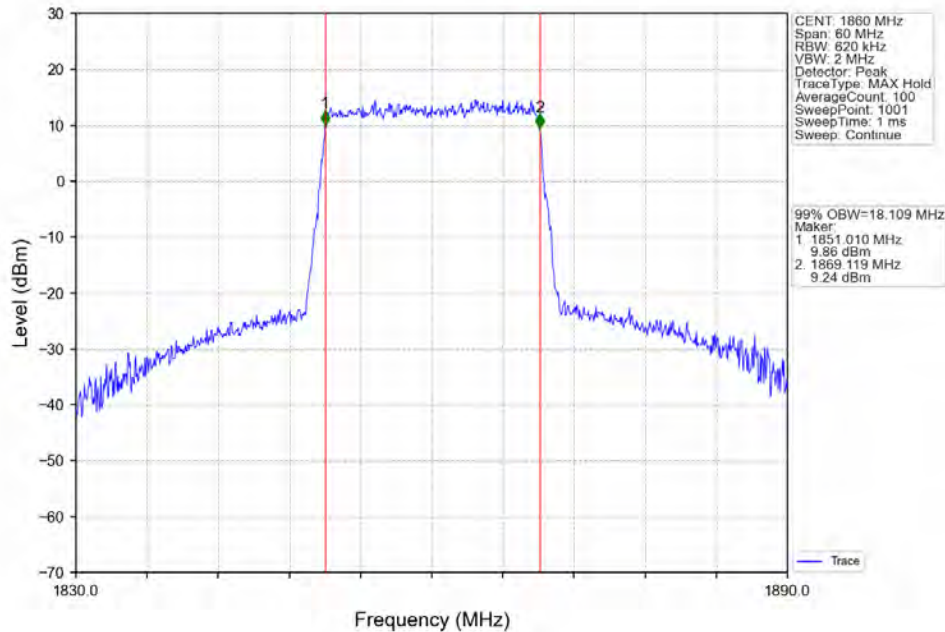
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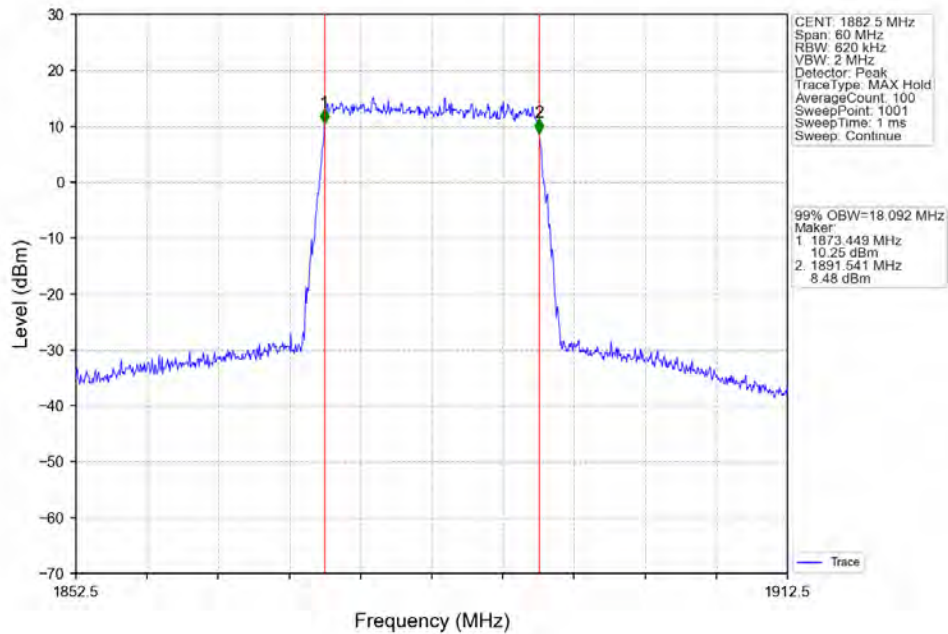
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Band25_20MHz_256QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_256QAM_HCH_1905MHz_RB_100_0_NTNV



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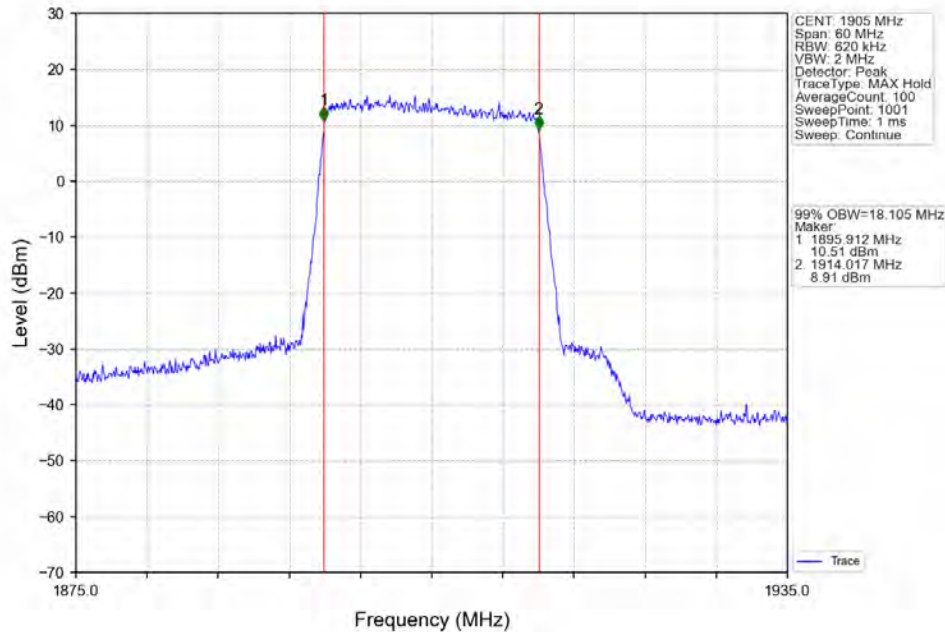
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4.2 Band25_XDB

4.2.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.393	/	Pass
		1882.5	6	0	1.407	/	Pass
		1914.3	6	0	1.386	/	Pass
	16QAM	1850.7	6	0	1.402	/	Pass
		1882.5	6	0	1.402	/	Pass
		1914.3	6	0	1.422	/	Pass
	64QAM	1850.7	6	0	1.400	/	Pass
		1882.5	6	0	1.392	/	Pass
		1914.3	6	0	1.370	/	Pass
	256QAM	1850.7	6	0	1.367	/	Pass
		1882.5	6	0	1.368	/	Pass
		1914.3	6	0	1.399	/	Pass
3	QPSK	1851.5	15	0	3.115	/	Pass
		1882.5	15	0	3.144	/	Pass
		1913.5	15	0	3.099	/	Pass
	16QAM	1851.5	15	0	3.117	/	Pass
		1882.5	15	0	3.125	/	Pass
		1913.5	15	0	3.103	/	Pass
	64QAM	1851.5	15	0	3.120	/	Pass
		1882.5	15	0	3.139	/	Pass
		1913.5	15	0	3.139	/	Pass
	256QAM	1851.5	15	0	3.112	/	Pass
		1882.5	15	0	3.158	/	Pass
		1913.5	15	0	3.101	/	Pass
5	QPSK	1852.5	25	0	5.242	/	Pass
		1882.5	25	0	5.212	/	Pass
		1912.5	25	0	5.211	/	Pass
	16QAM	1852.5	25	0	5.322	/	Pass
		1882.5	25	0	5.200	/	Pass
		1912.5	25	0	5.228	/	Pass
	64QAM	1852.5	25	0	5.255	/	Pass
		1882.5	25	0	5.264	/	Pass
		1912.5	25	0	5.181	/	Pass
	256QAM	1852.5	25	0	5.251	/	Pass
		1882.5	25	0	5.237	/	Pass
		1912.5	25	0	5.137	/	Pass
10	QPSK	1855	50	0	10.230	/	Pass
		1882.5	50	0	10.360	/	Pass
		1910	50	0	10.078	/	Pass



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	16QAM	1855	50	0	10.212	/	Pass
		1882.5	50	0	10.126	/	Pass
		1910	50	0	10.114	/	Pass
	64QAM	1855	50	0	10.185	/	Pass
		1882.5	50	0	10.171	/	Pass
		1910	50	0	10.105	/	Pass
	256QAM	1855	50	0	10.336	/	Pass
		1882.5	50	0	10.230	/	Pass
		1910	50	0	10.095	/	Pass
15	QPSK	1857.5	75	0	15.242	/	Pass
		1882.5	75	0	15.306	/	Pass
		1907.5	75	0	15.184	/	Pass
	16QAM	1857.5	75	0	15.213	/	Pass
		1882.5	75	0	15.165	/	Pass
		1907.5	75	0	15.134	/	Pass
	64QAM	1857.5	75	0	15.168	/	Pass
		1882.5	75	0	15.143	/	Pass
		1907.5	75	0	15.201	/	Pass
	256QAM	1857.5	75	0	15.201	/	Pass
		1882.5	75	0	15.227	/	Pass
		1907.5	75	0	15.180	/	Pass
20	QPSK	1860	100	0	19.953	/	Pass
		1882.5	100	0	20.112	/	Pass
		1905	100	0	20.036	/	Pass
	16QAM	1860	100	0	20.139	/	Pass
		1882.5	100	0	22.224	/	Pass
		1905	100	0	19.947	/	Pass
	64QAM	1860	100	0	20.088	/	Pass
		1882.5	100	0	19.901	/	Pass
		1905	100	0	20.012	/	Pass
	256QAM	1860	100	0	20.136	/	Pass
		1882.5	100	0	20.196	/	Pass
		1905	100	0	20.009	/	Pass



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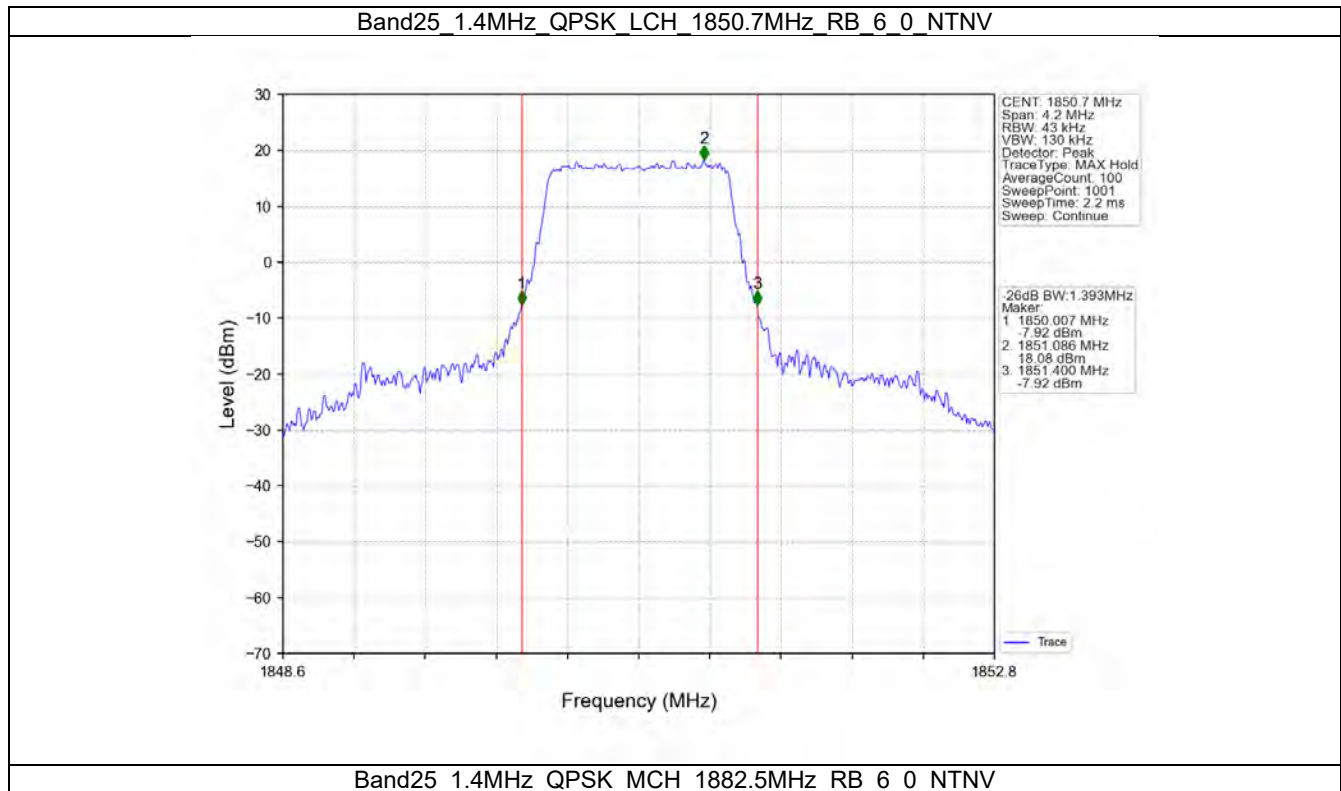
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4.2.2 Test Graph



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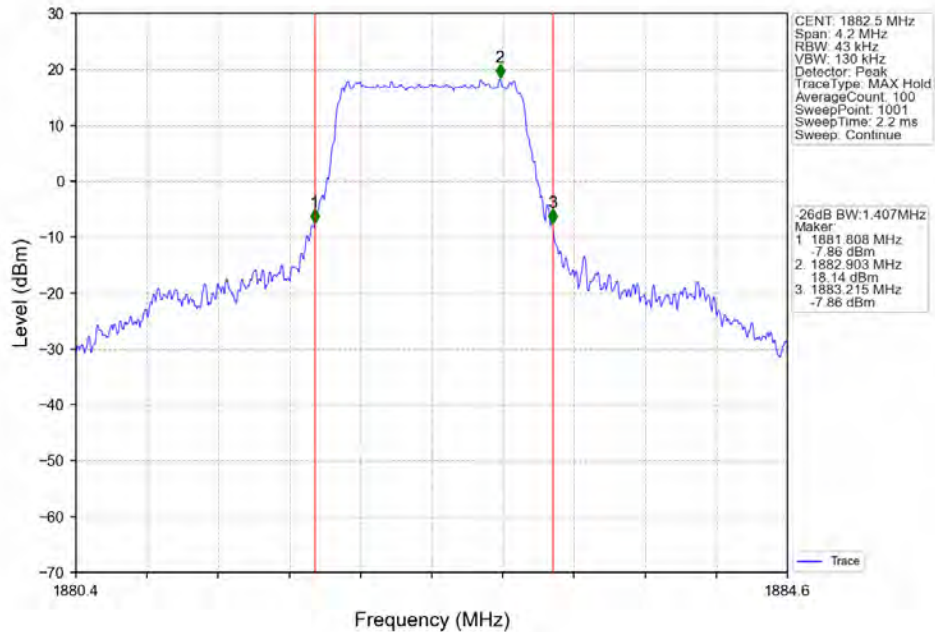
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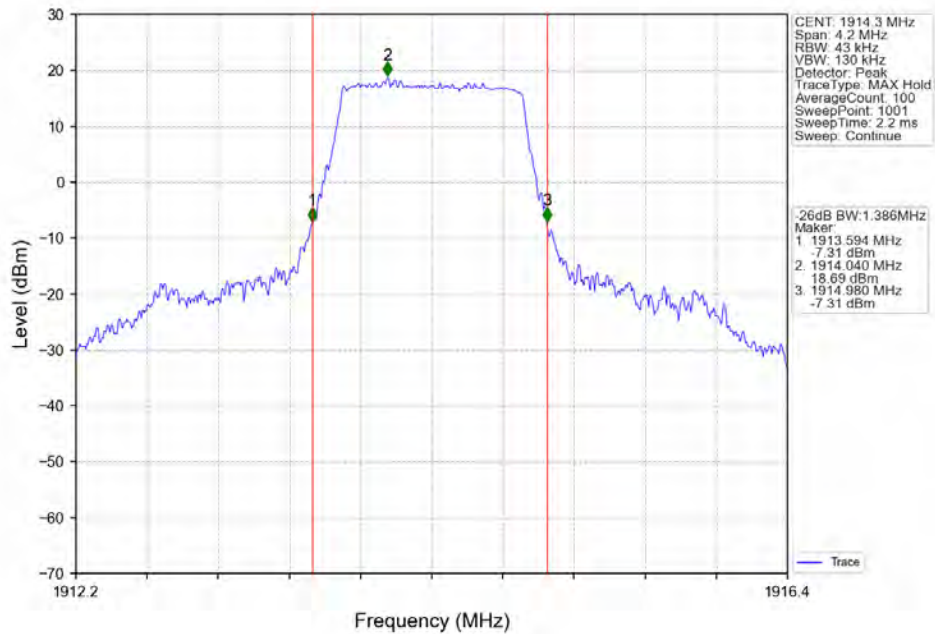
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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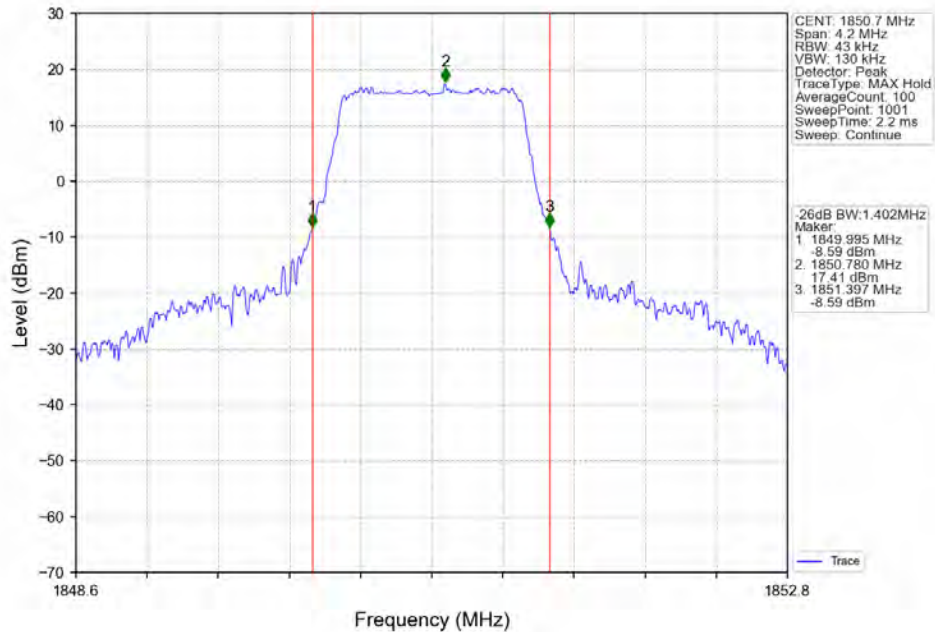
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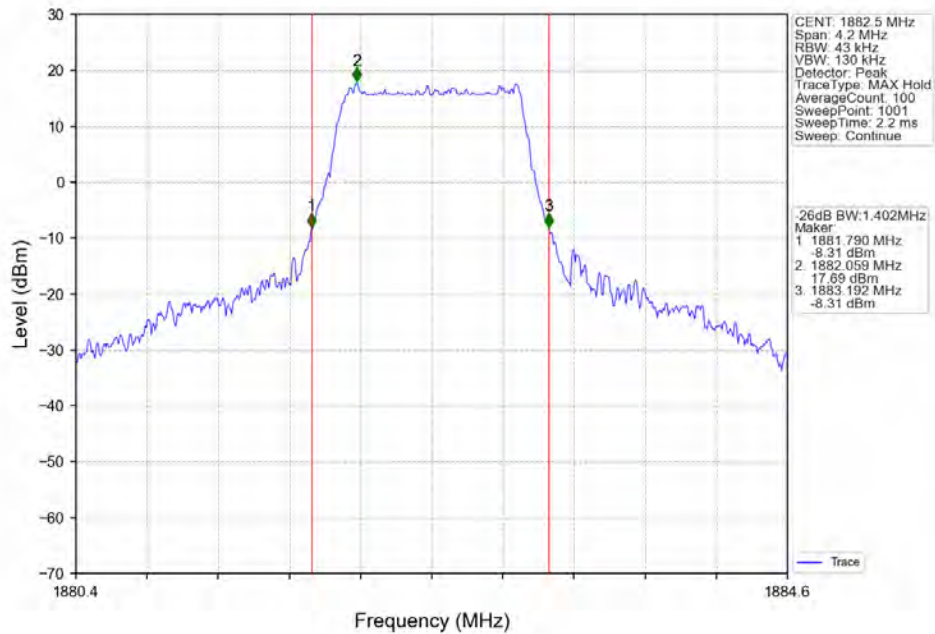
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Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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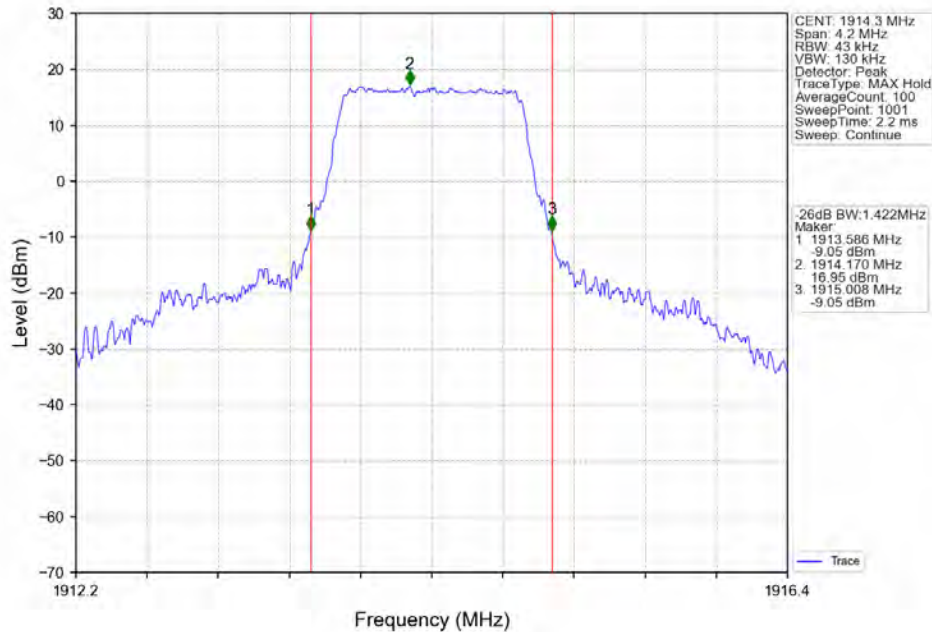
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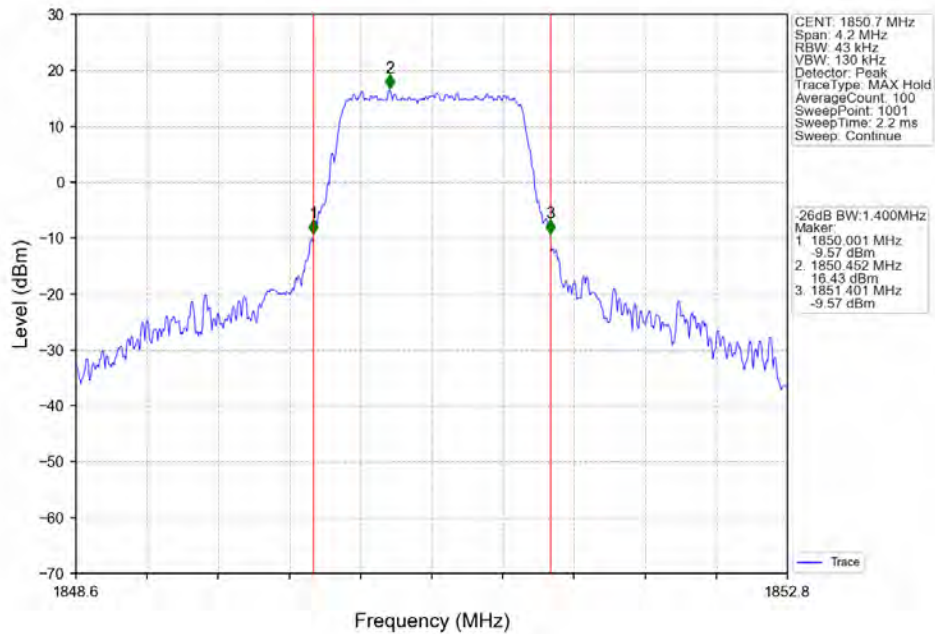
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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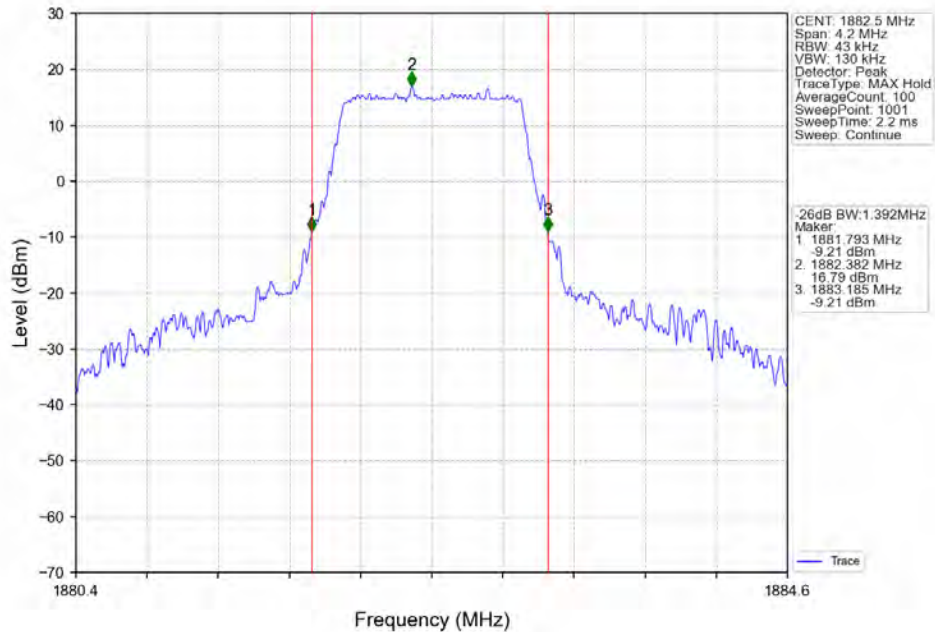
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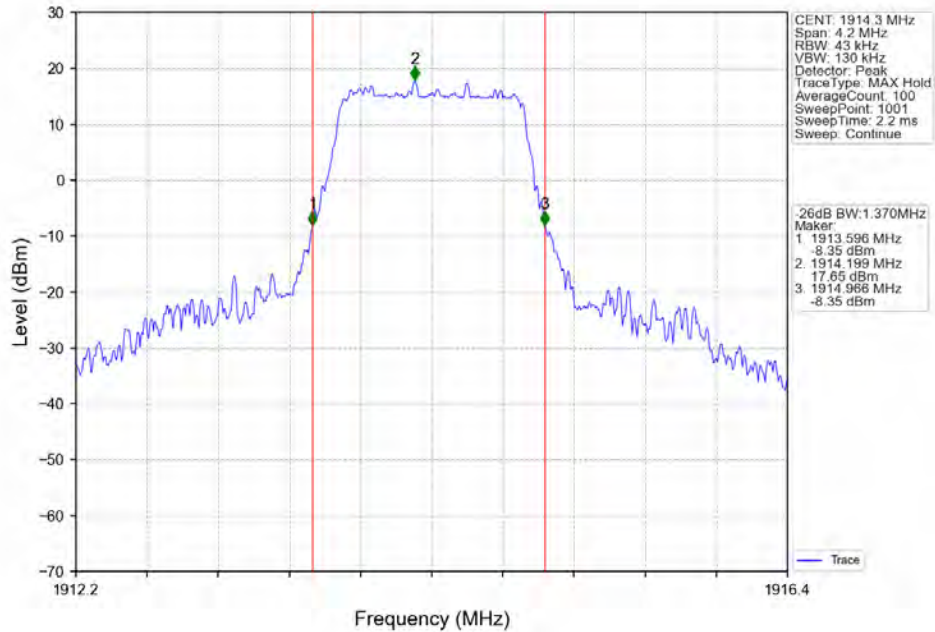
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Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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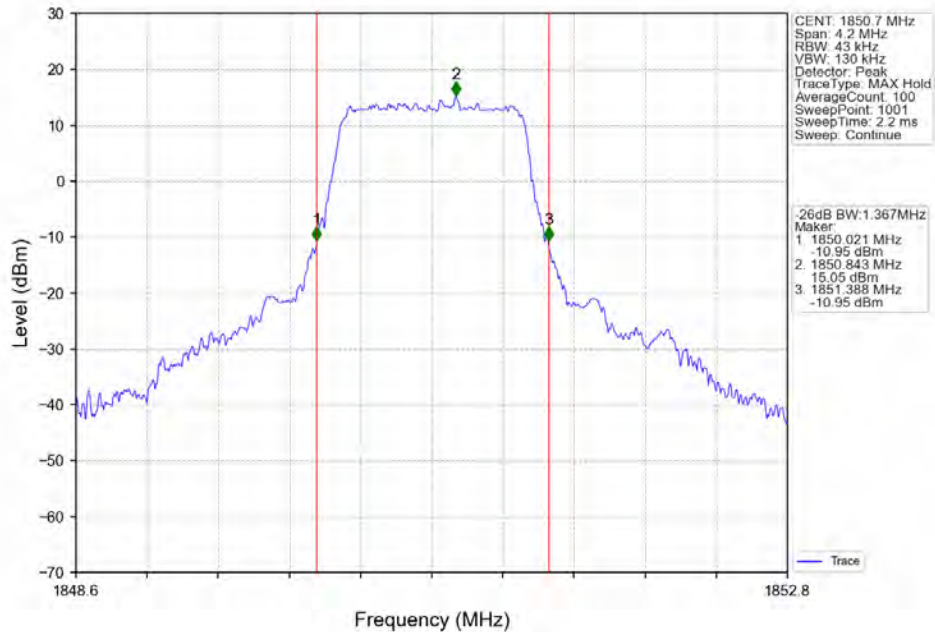
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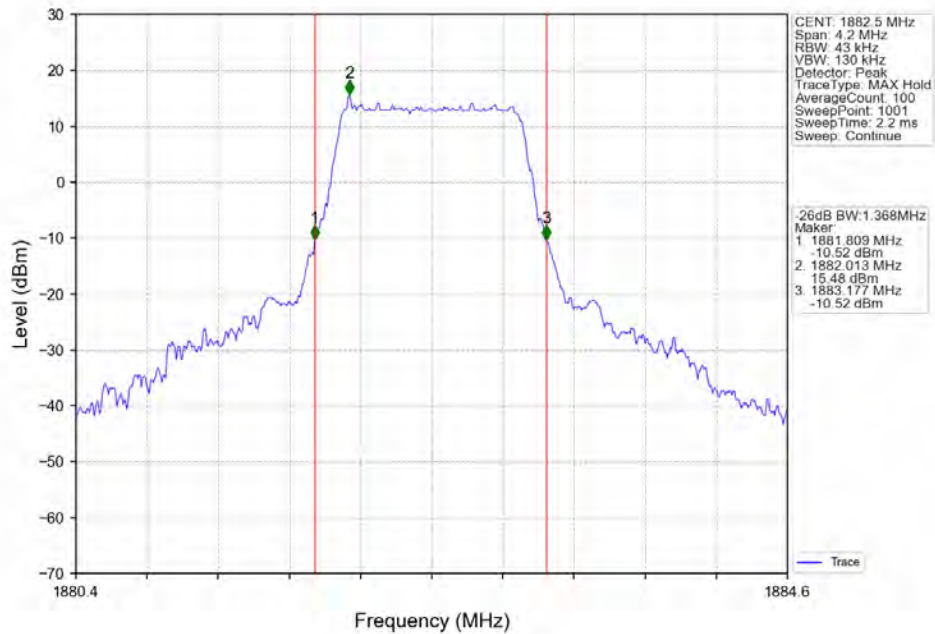
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Band25_1.4MHz_256QAM_HCH_1914.3MHz_RB_6_0_NTNV



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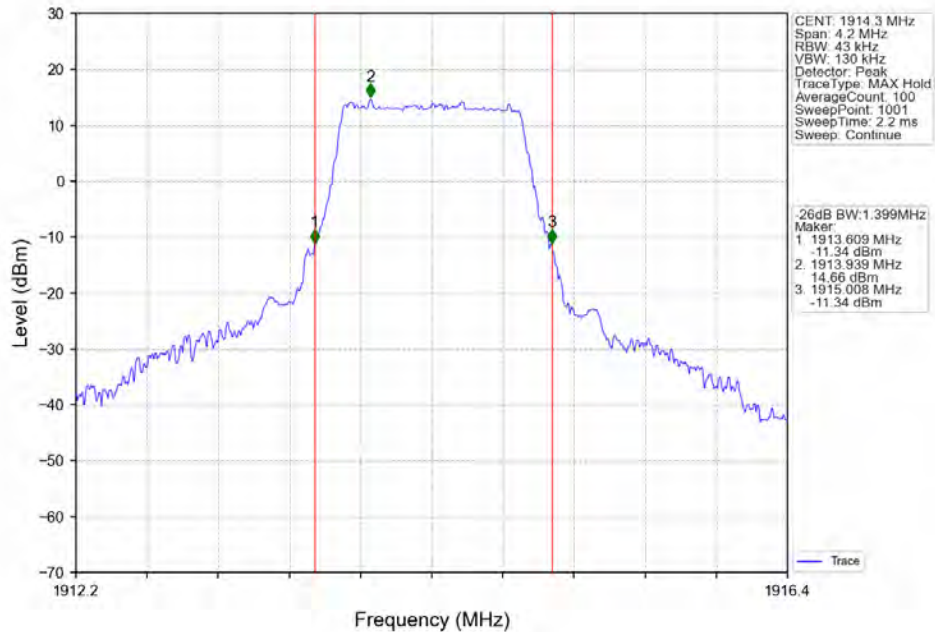
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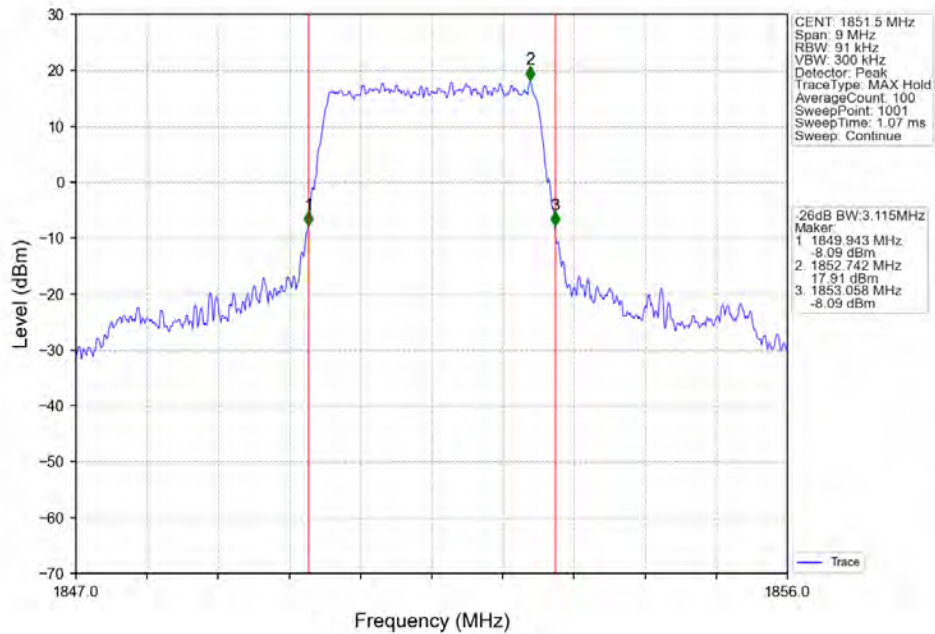
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



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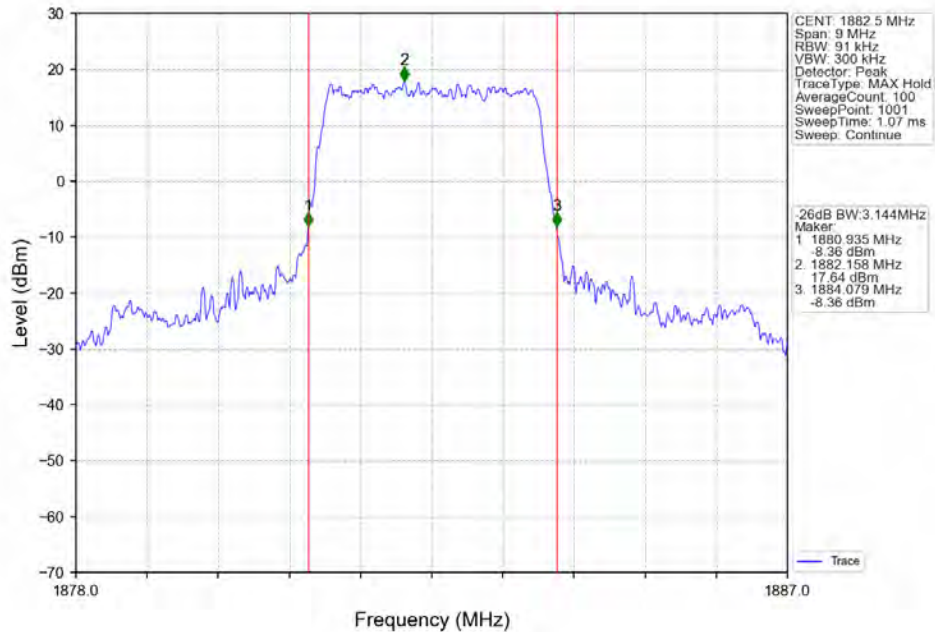
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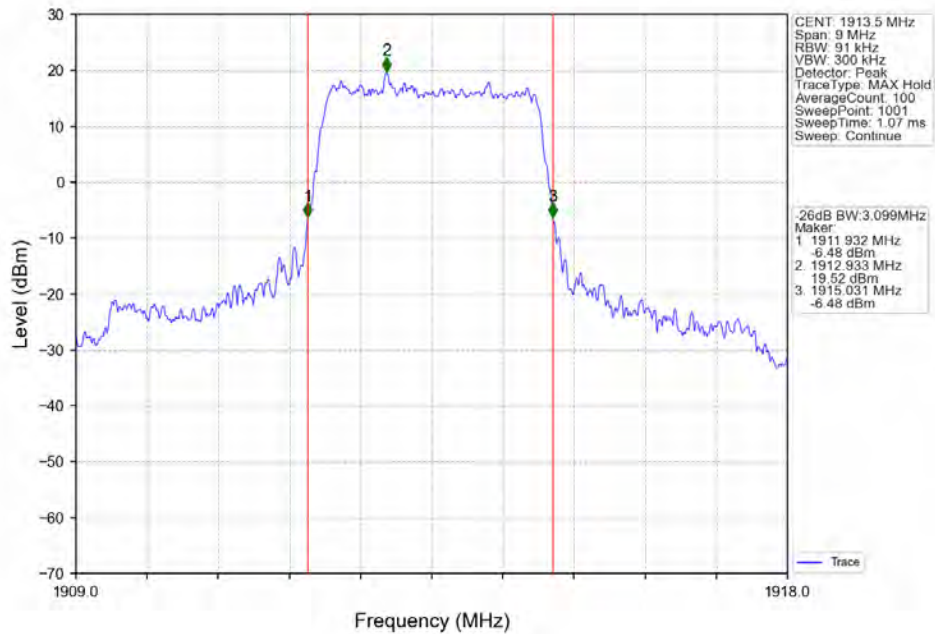
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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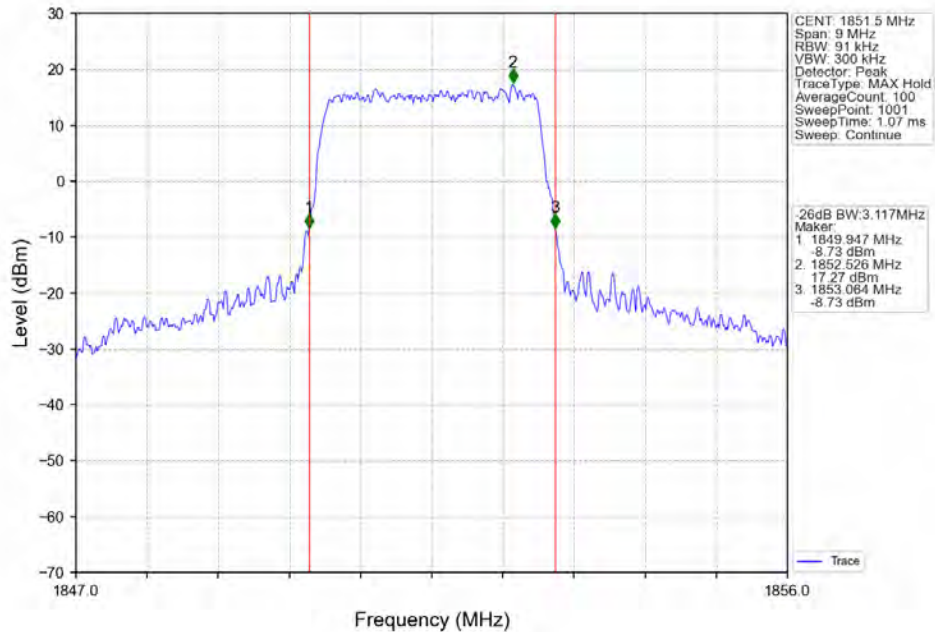
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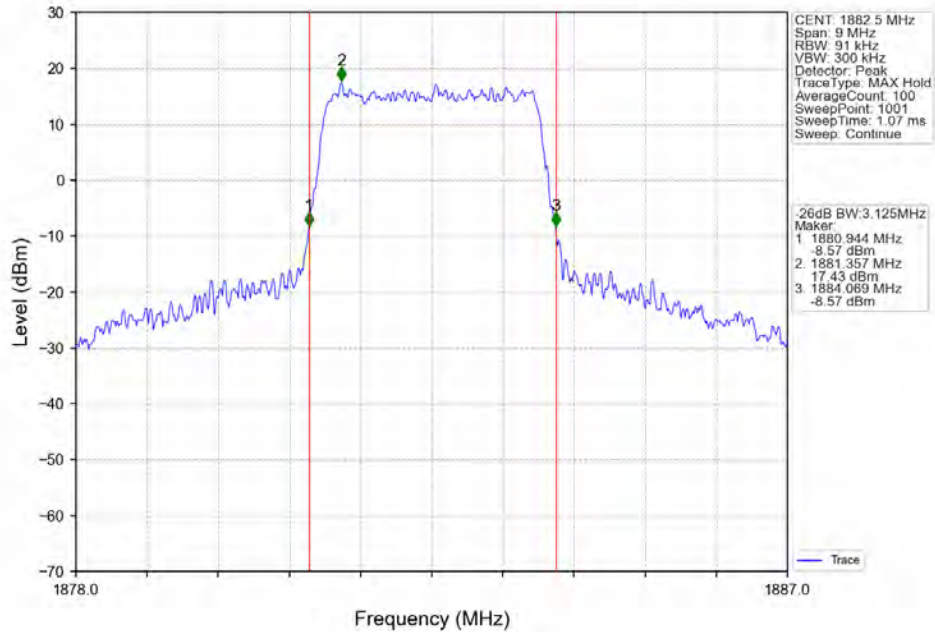
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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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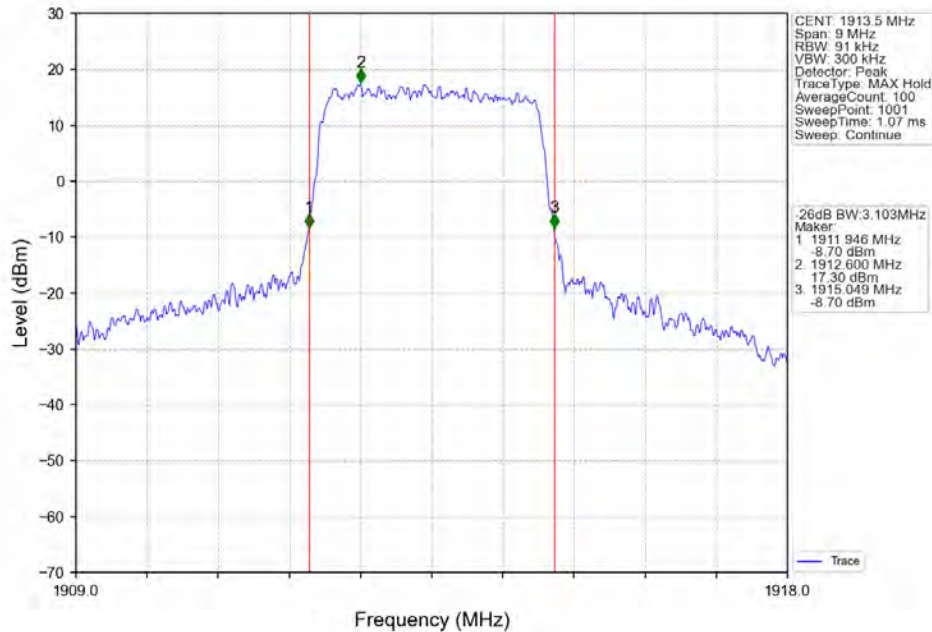
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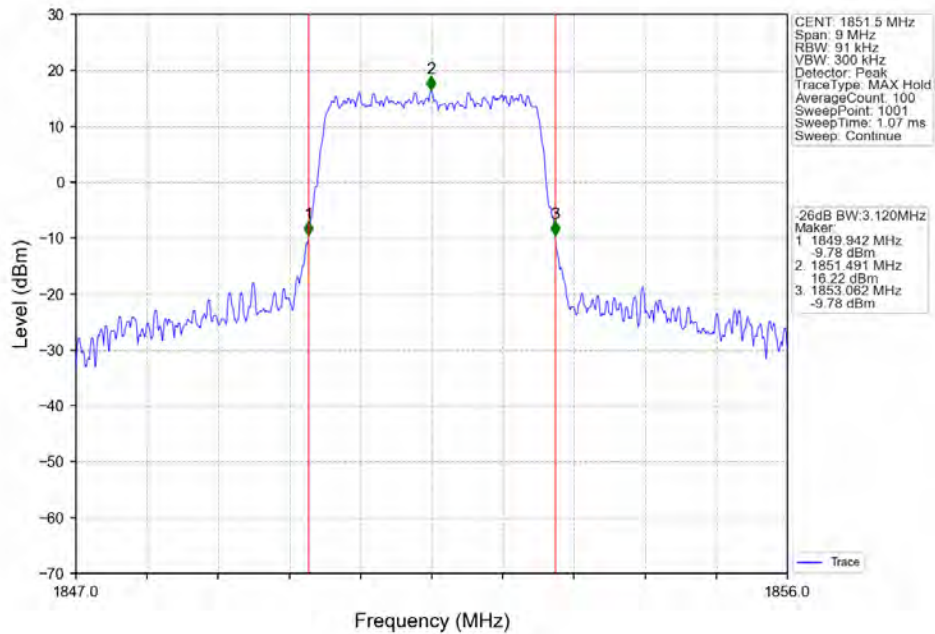
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Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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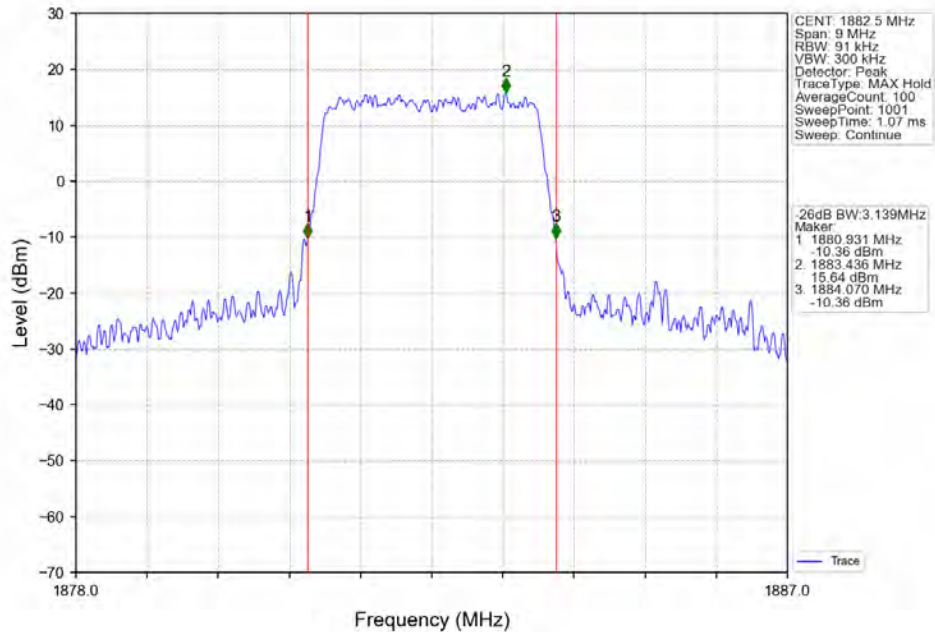
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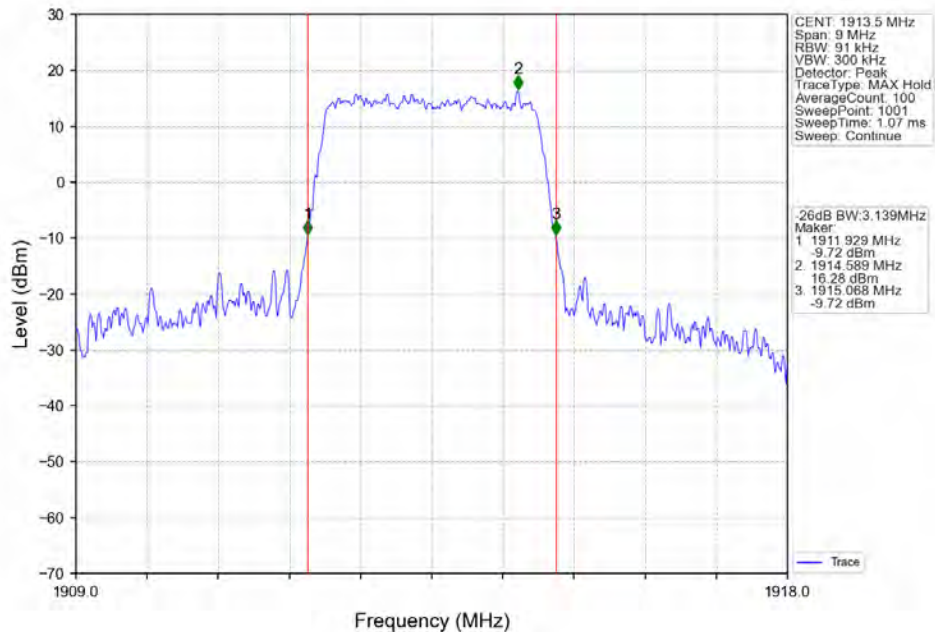
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Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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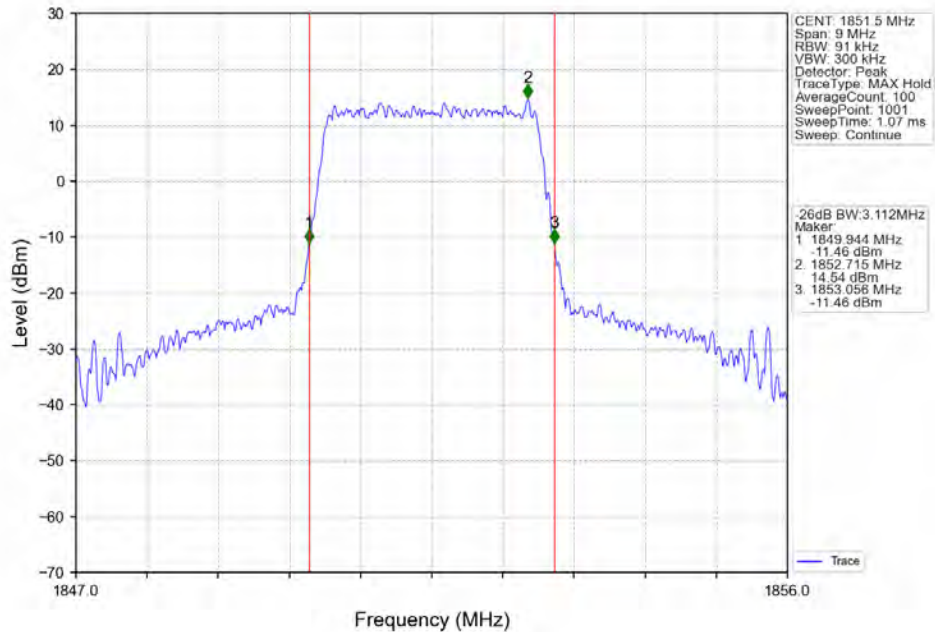
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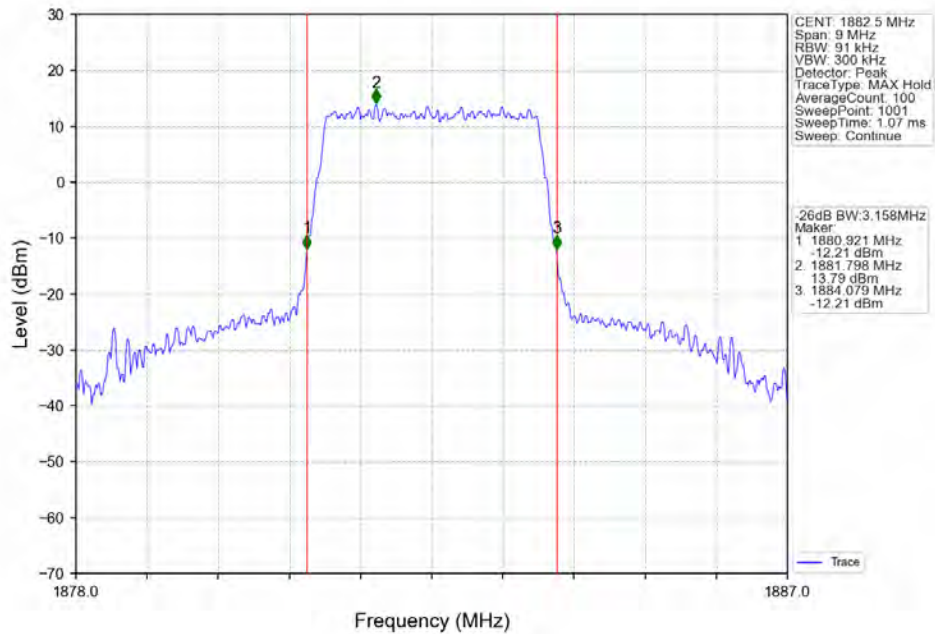
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Band25_3MHz_256QAM_HCH_1913.5MHz_RB_15_0_NTNV



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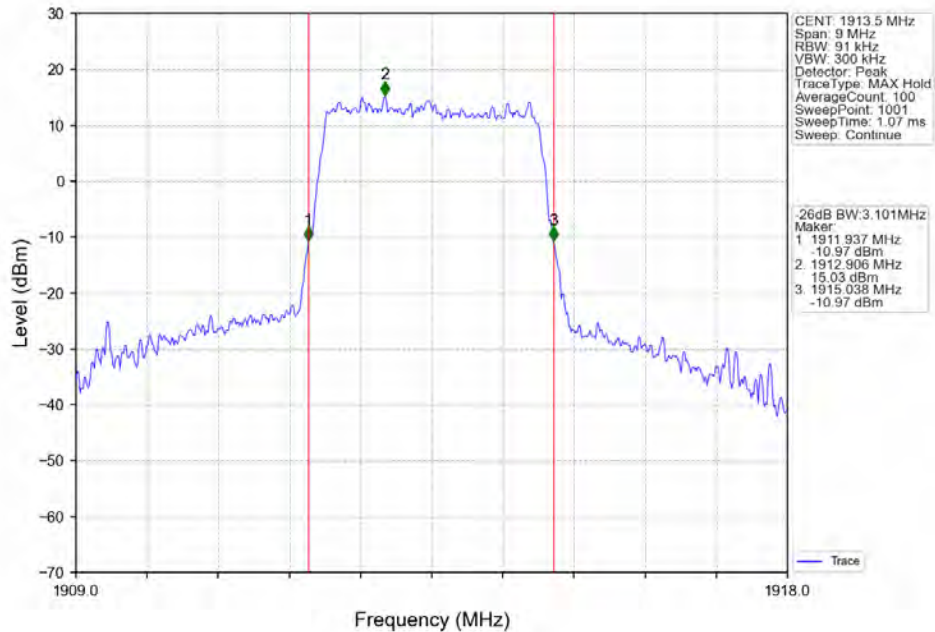
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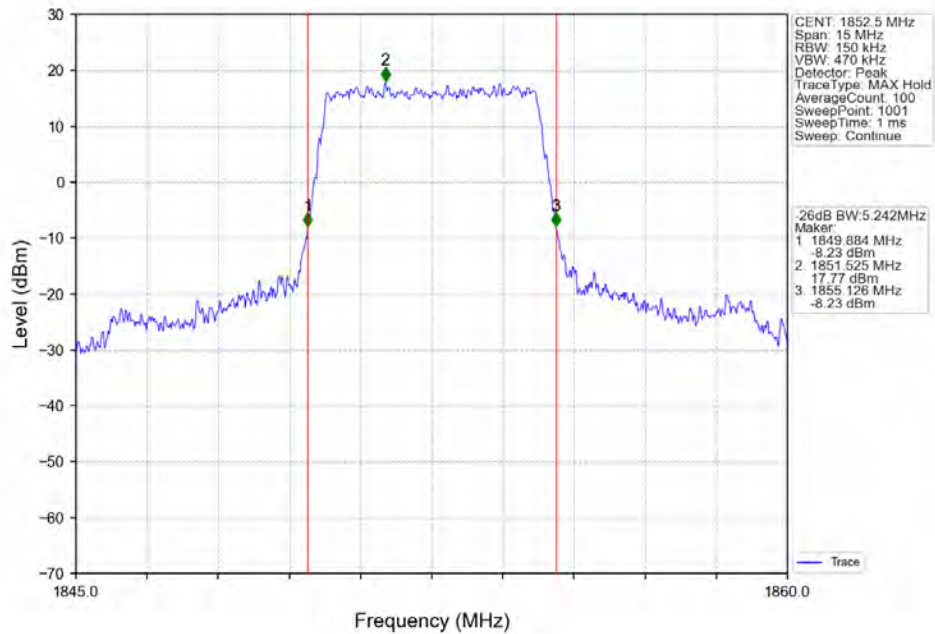
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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



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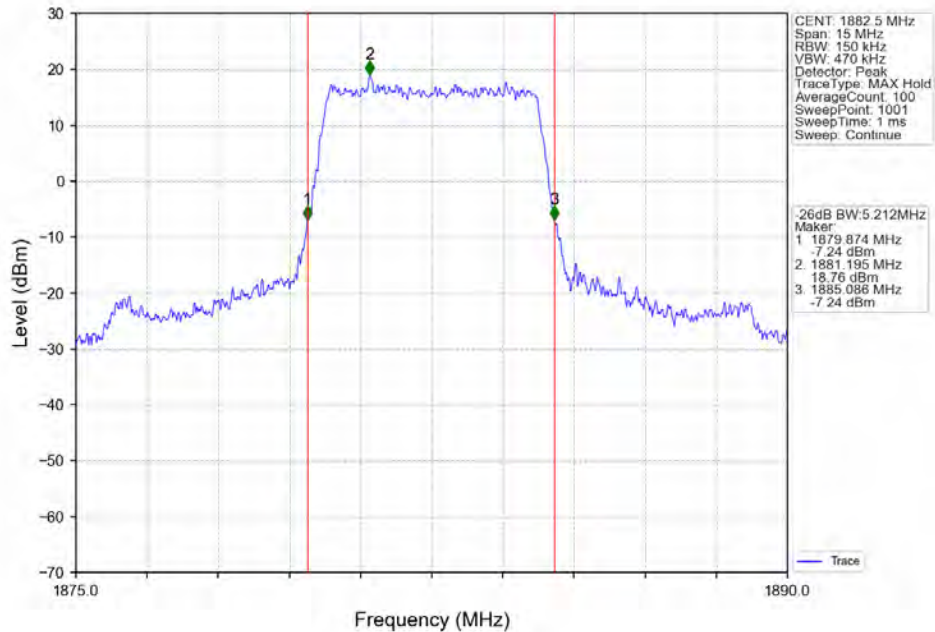
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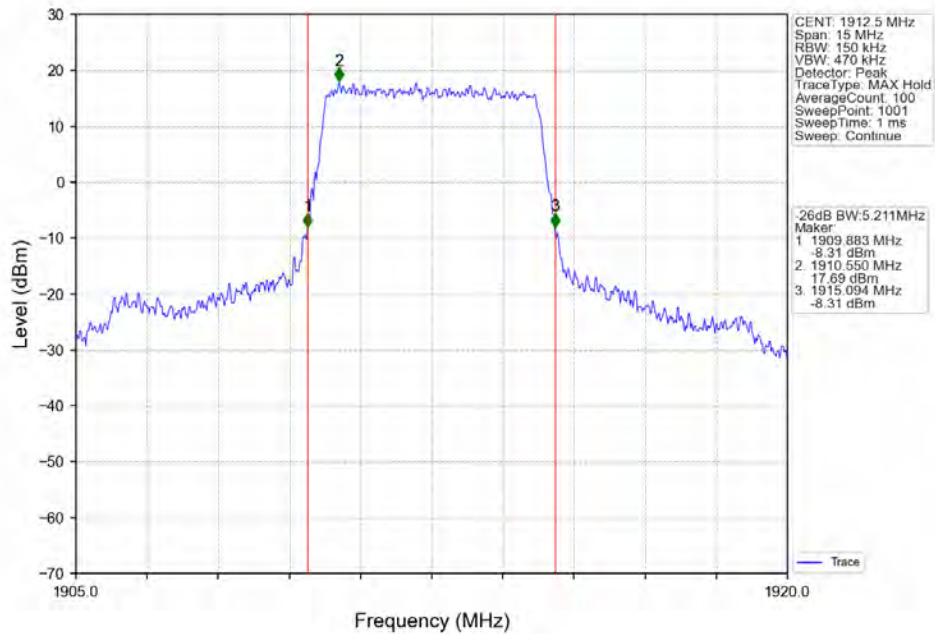
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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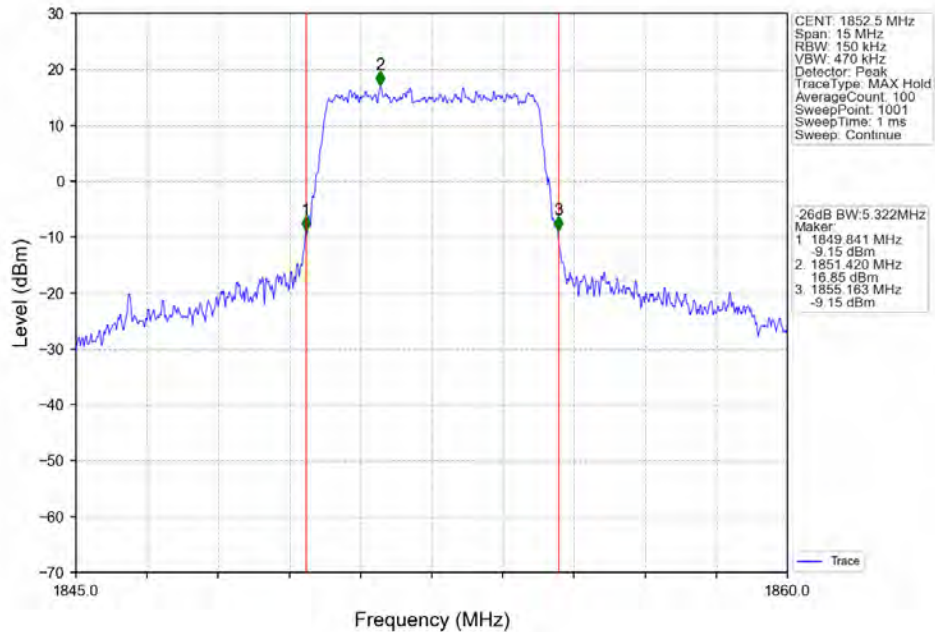
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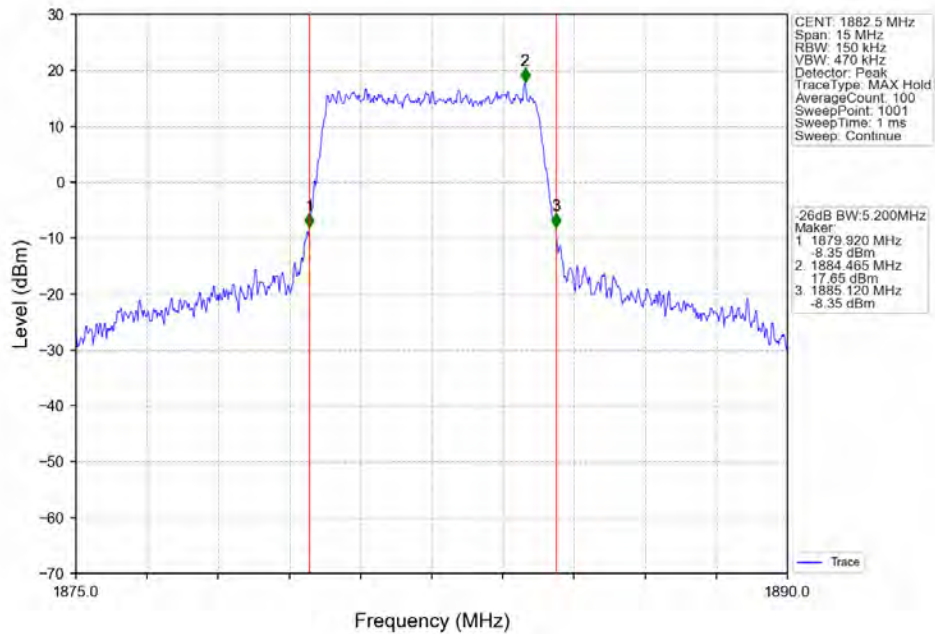
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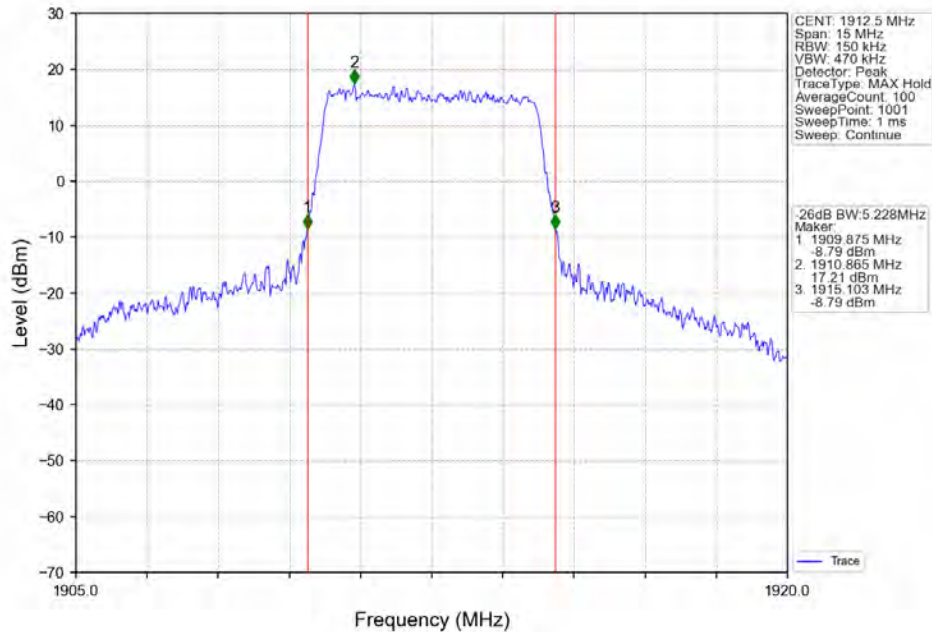
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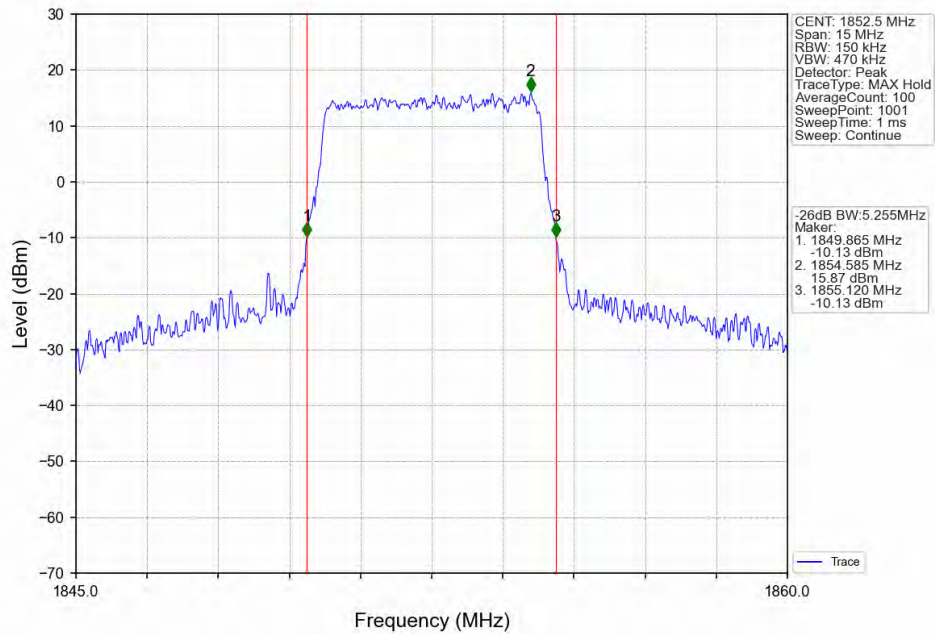
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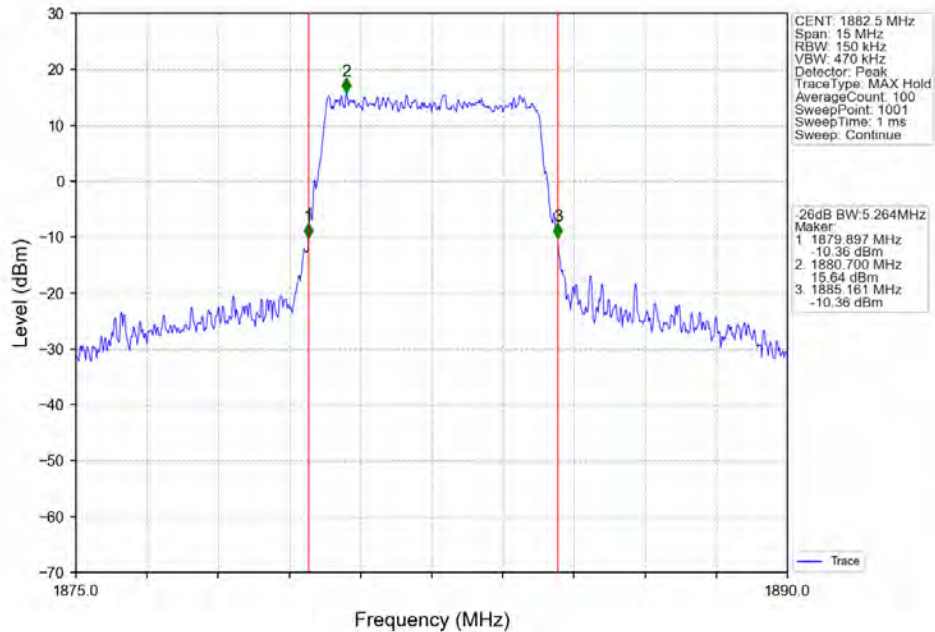
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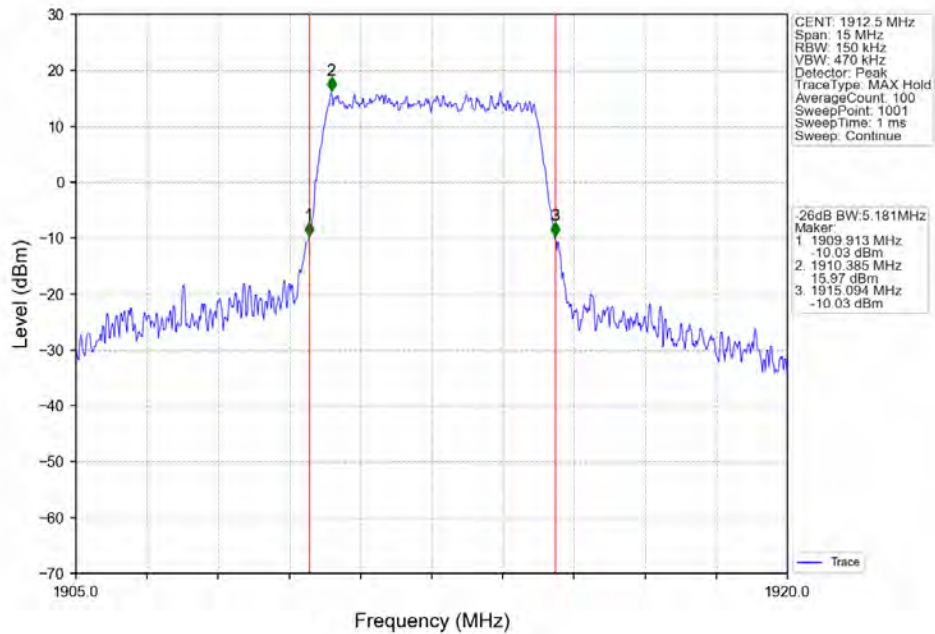
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Band25_5MHz_64QAM_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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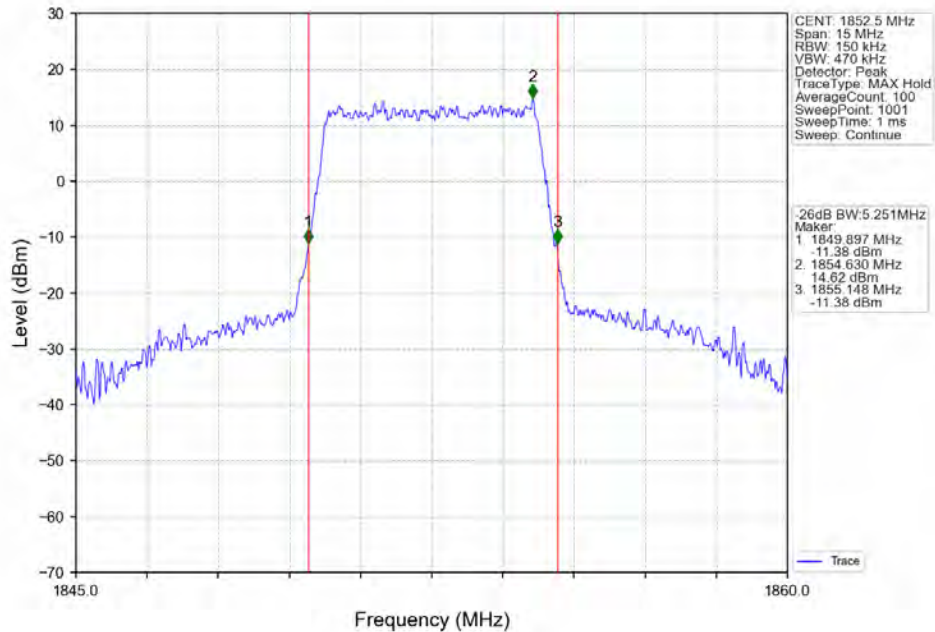
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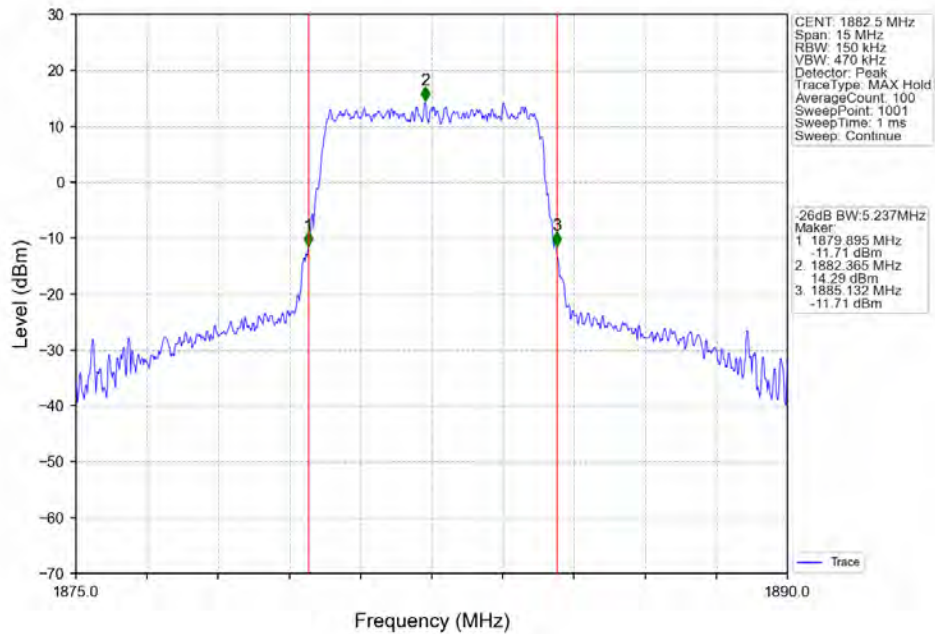
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Band25_5MHz_256QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_256QAM_HCH_1912.5MHz_RB_25_0_NTNV



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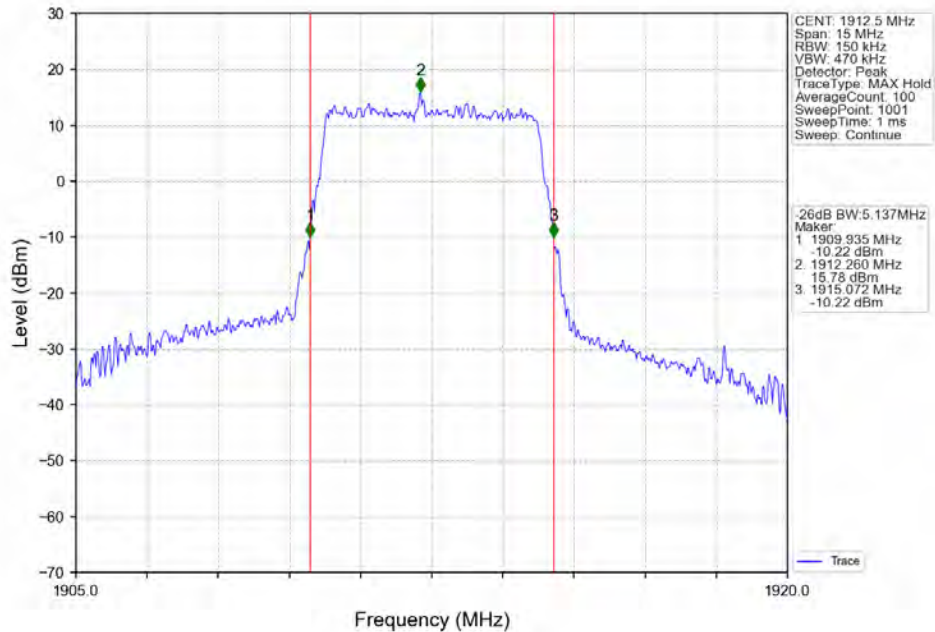
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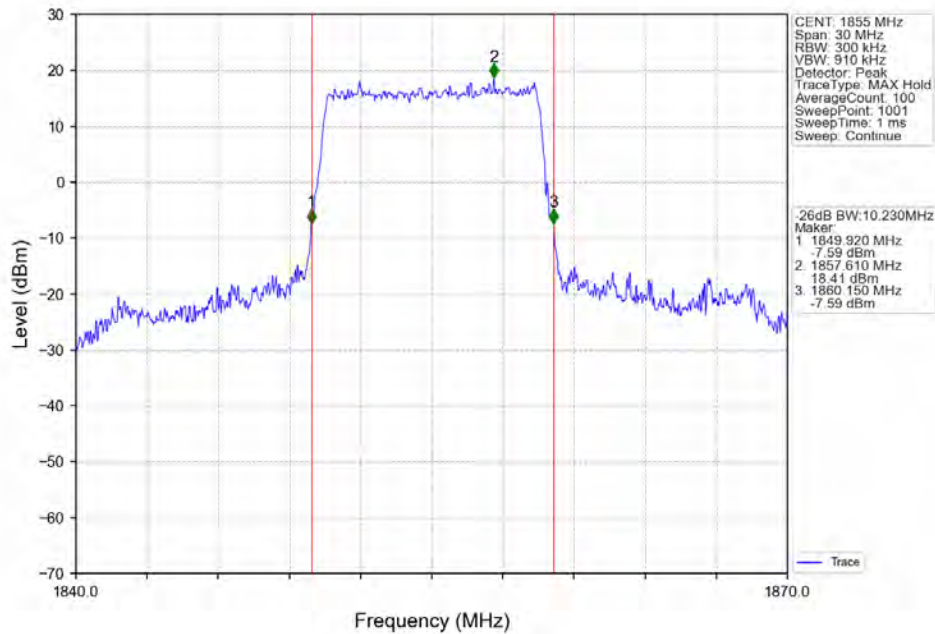
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Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



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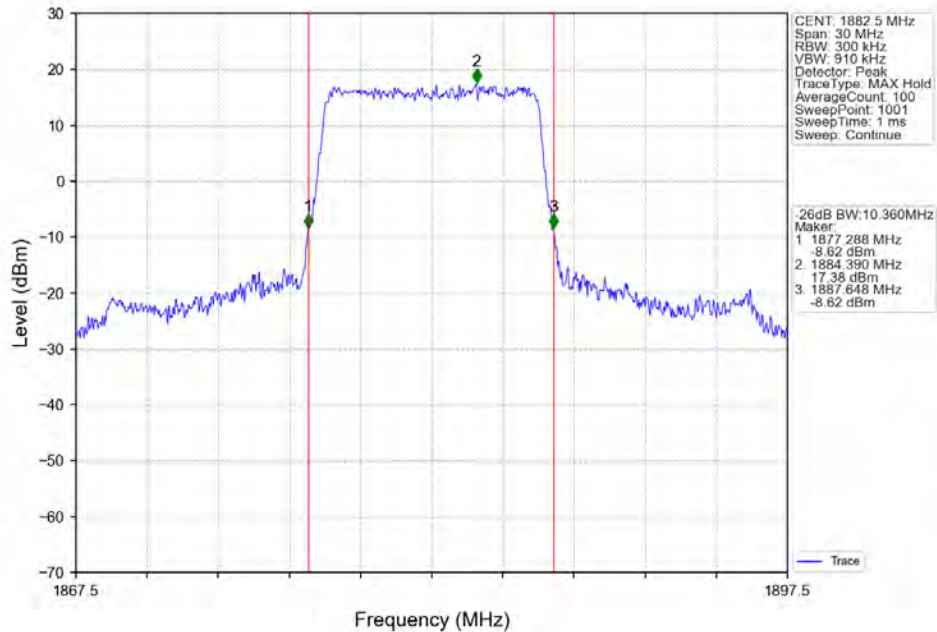
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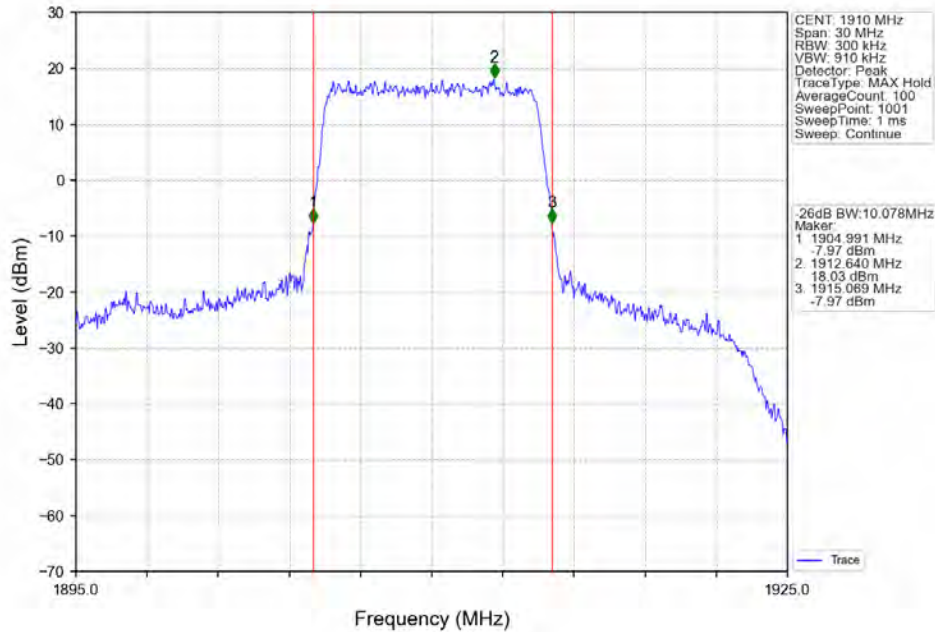
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Band25_10MHz QPSK HCH 1910MHz RB_50_0_NTNV



Band25_10MHz 16QAM LCH 1855MHz RB_50_0_NTNV



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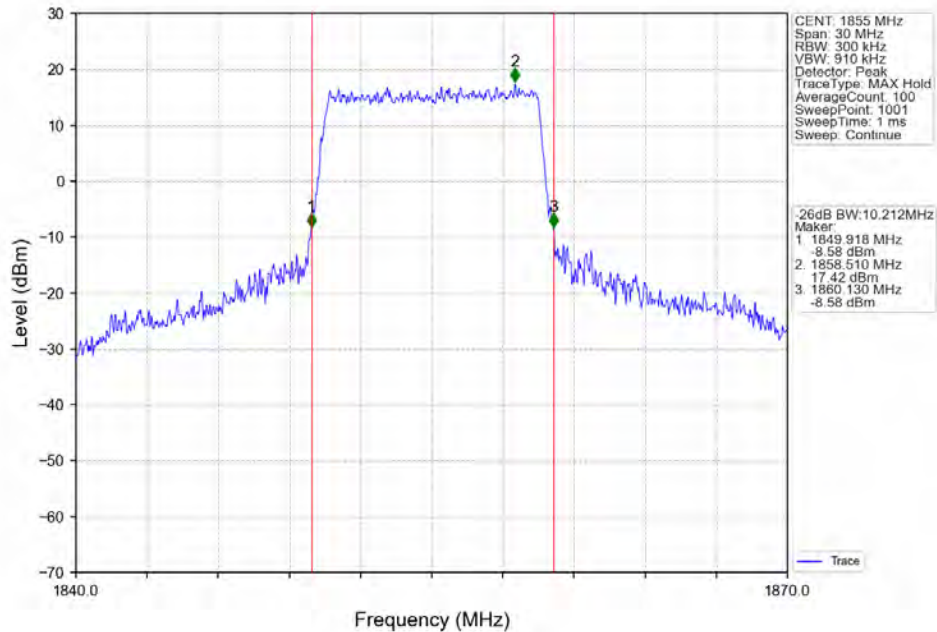
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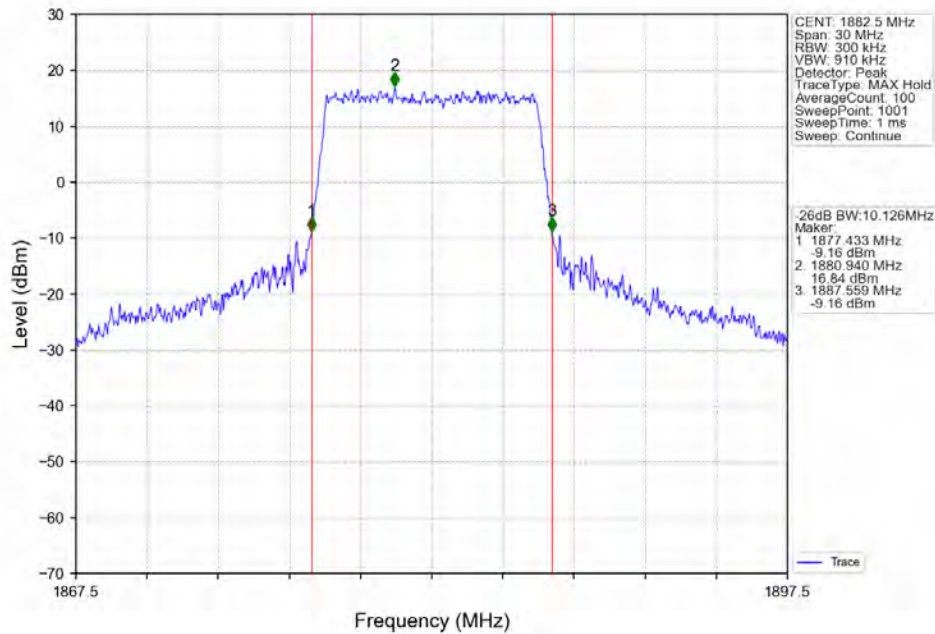
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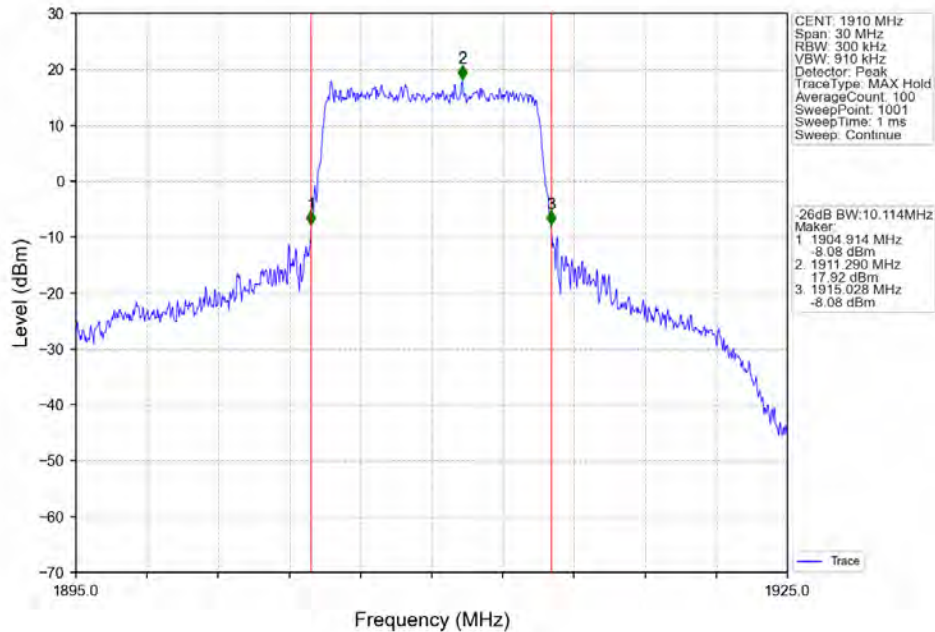
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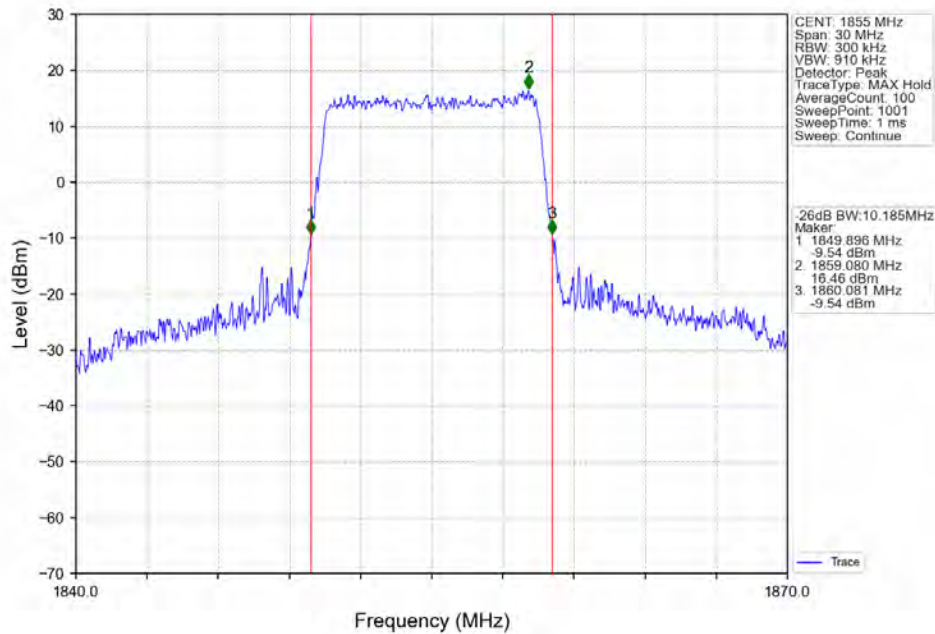
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Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



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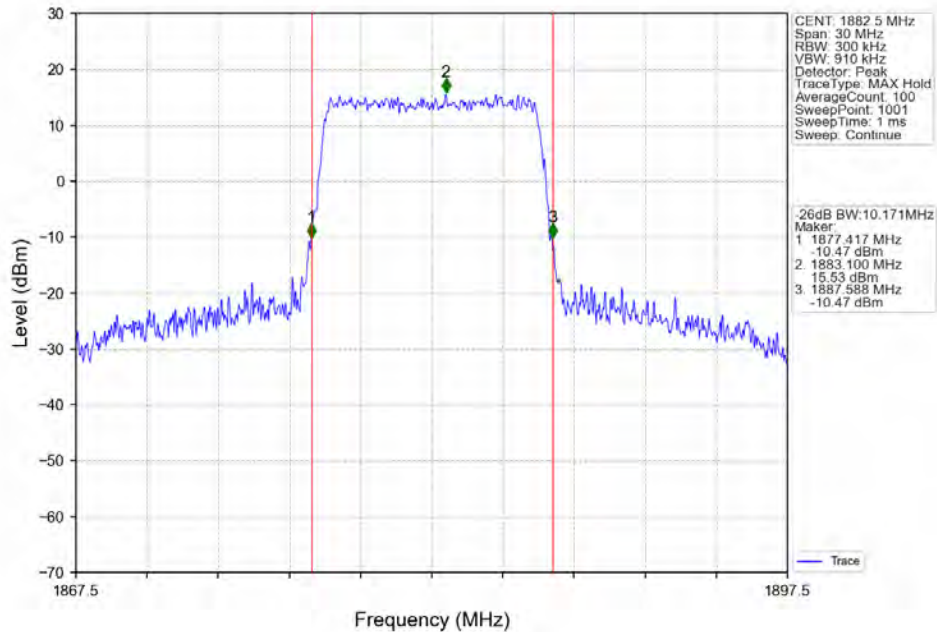
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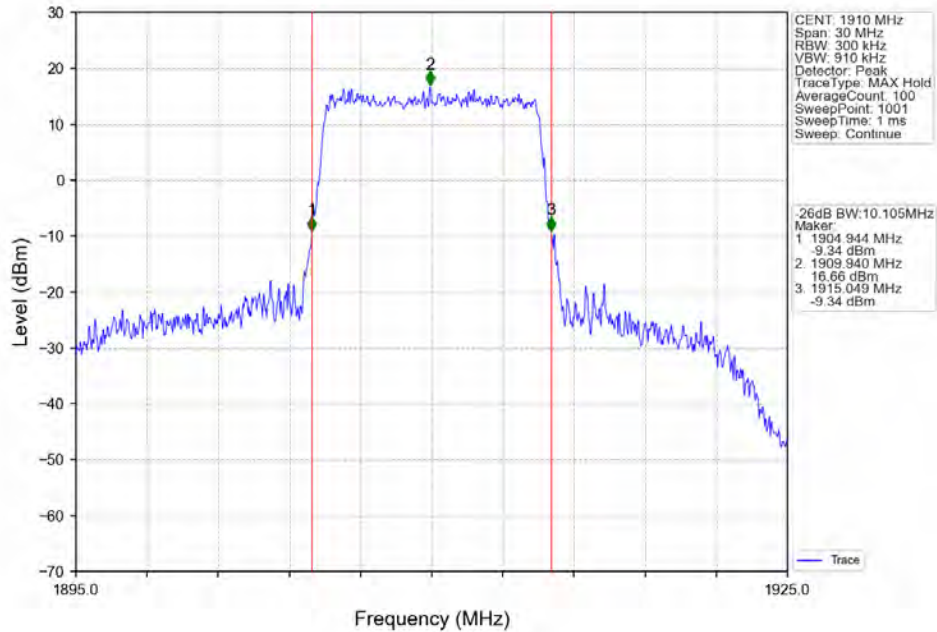
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Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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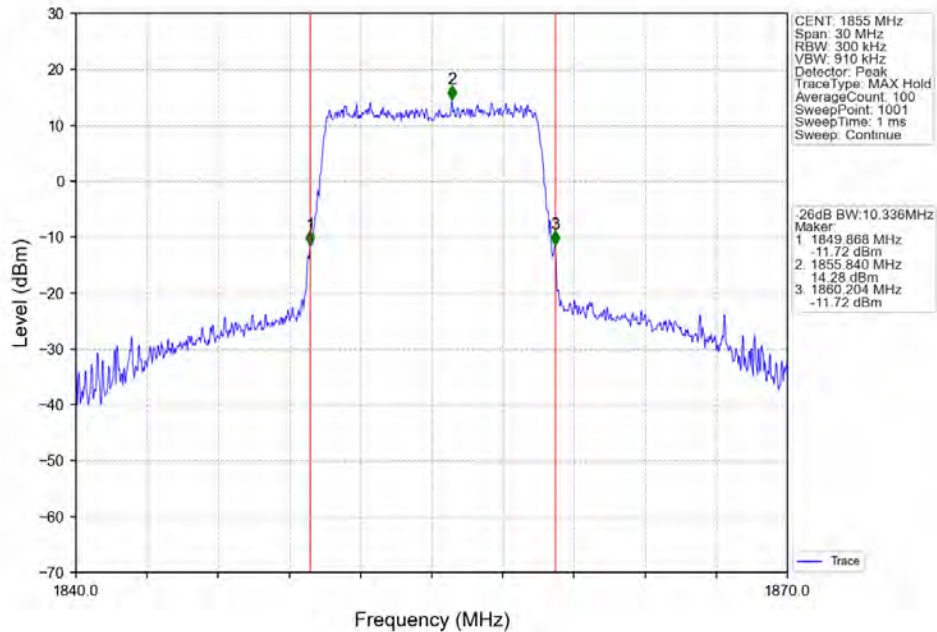
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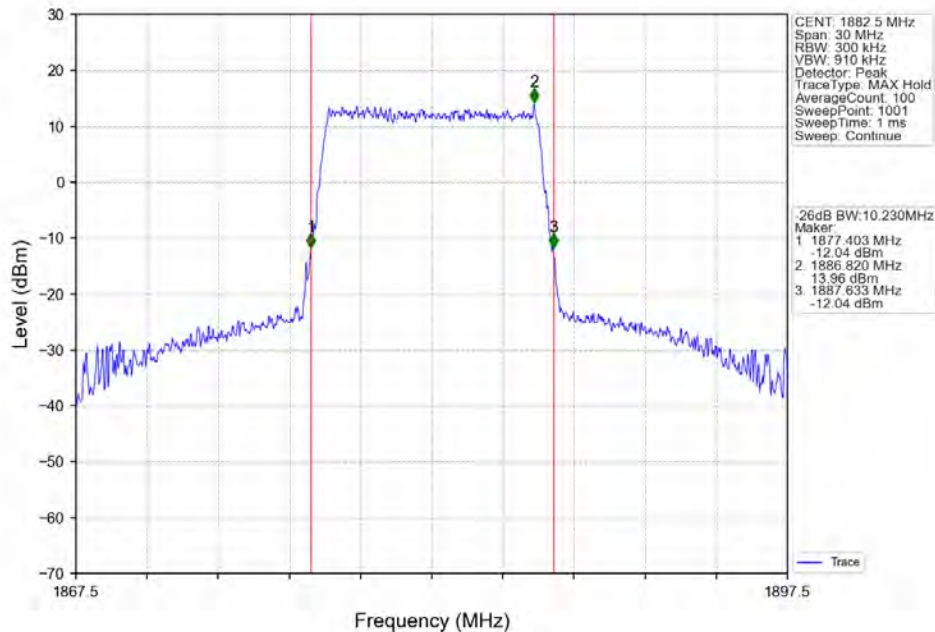
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Band25_10MHz_256QAM_HCH_1910MHz_RB_50_0_NTNV



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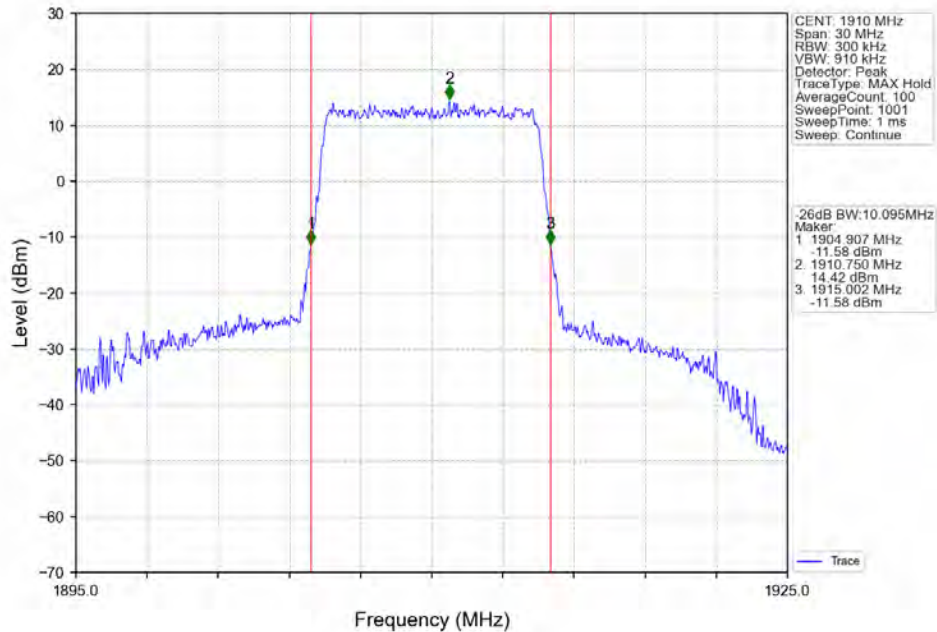
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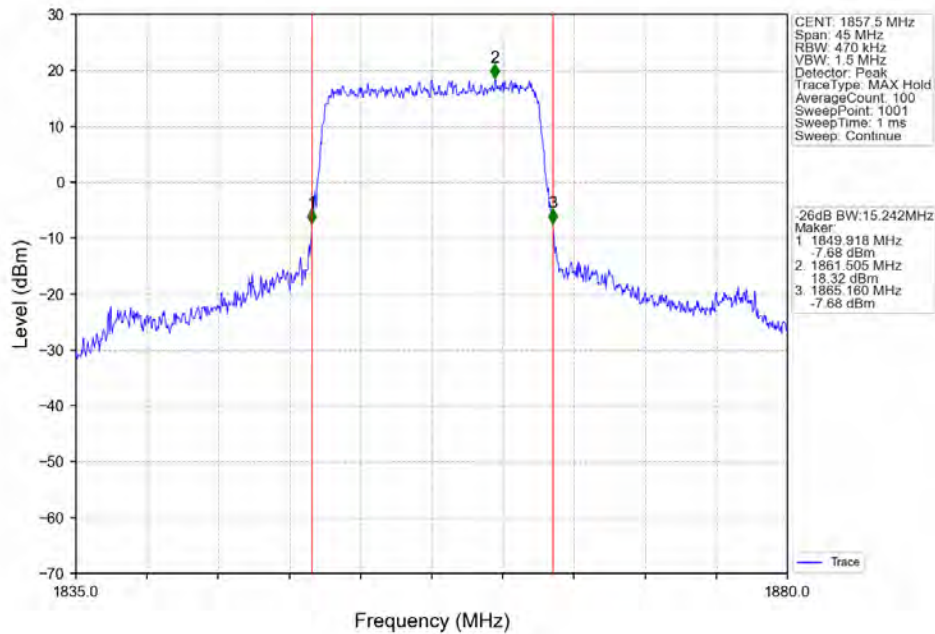
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Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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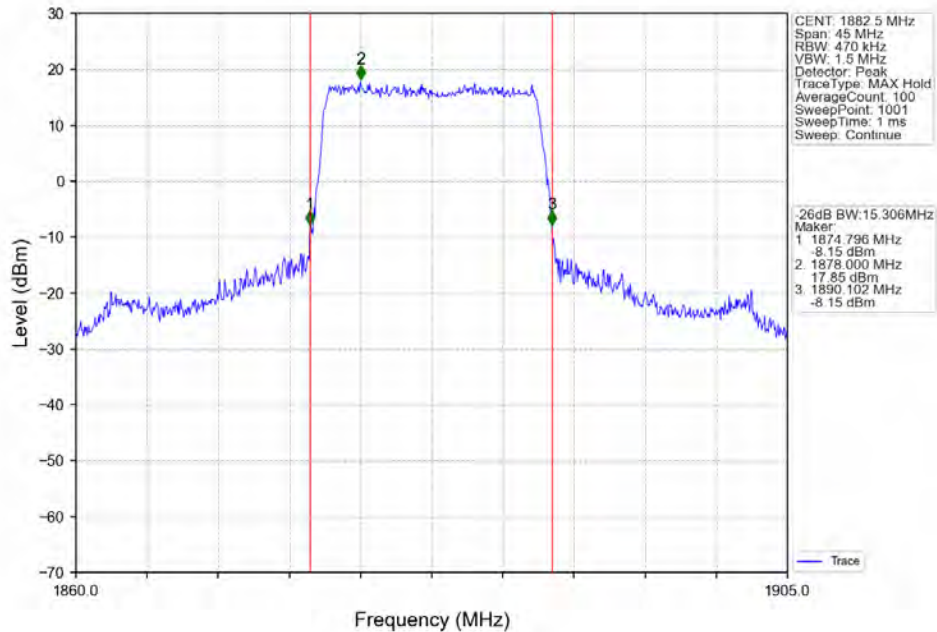
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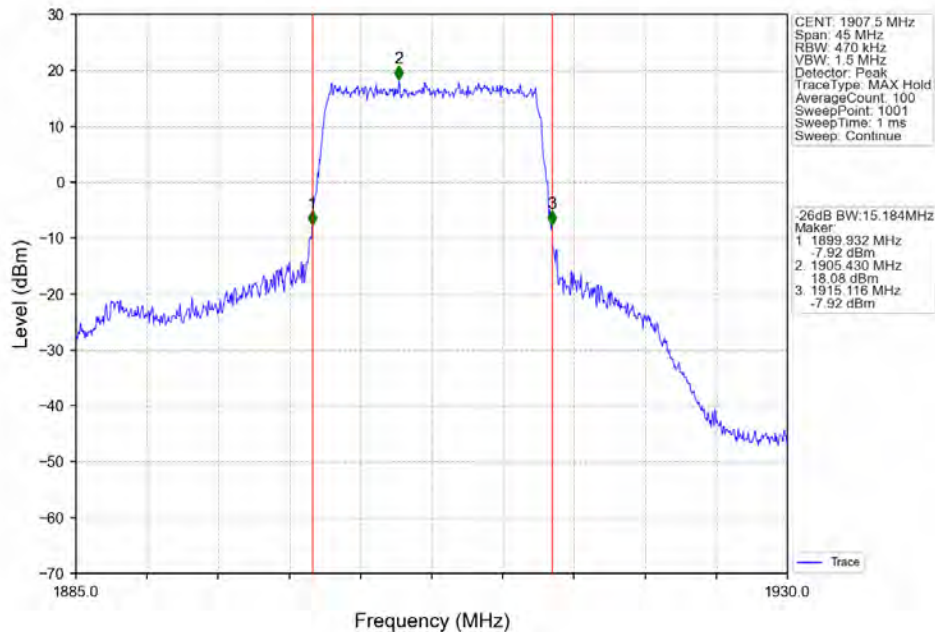
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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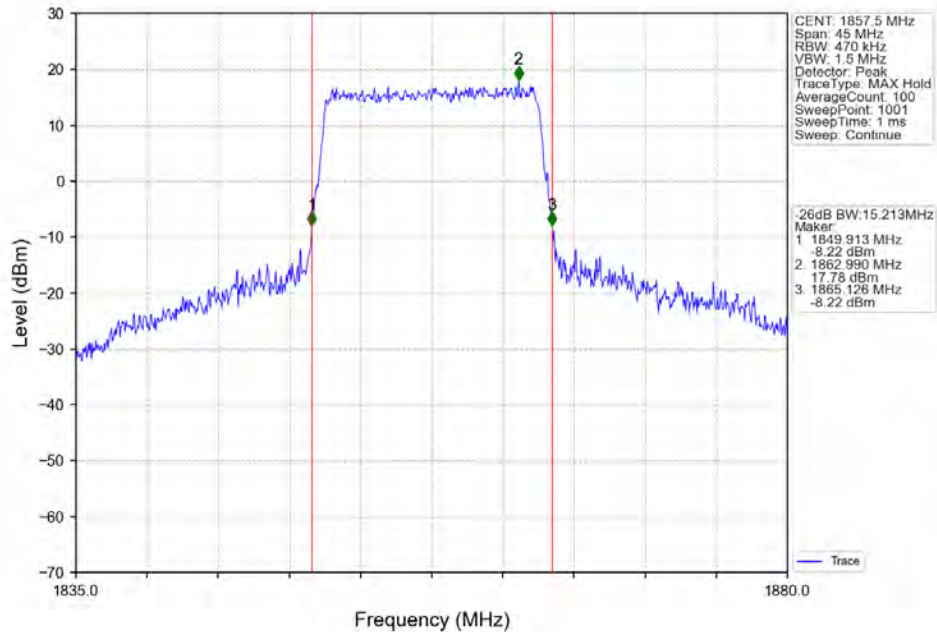
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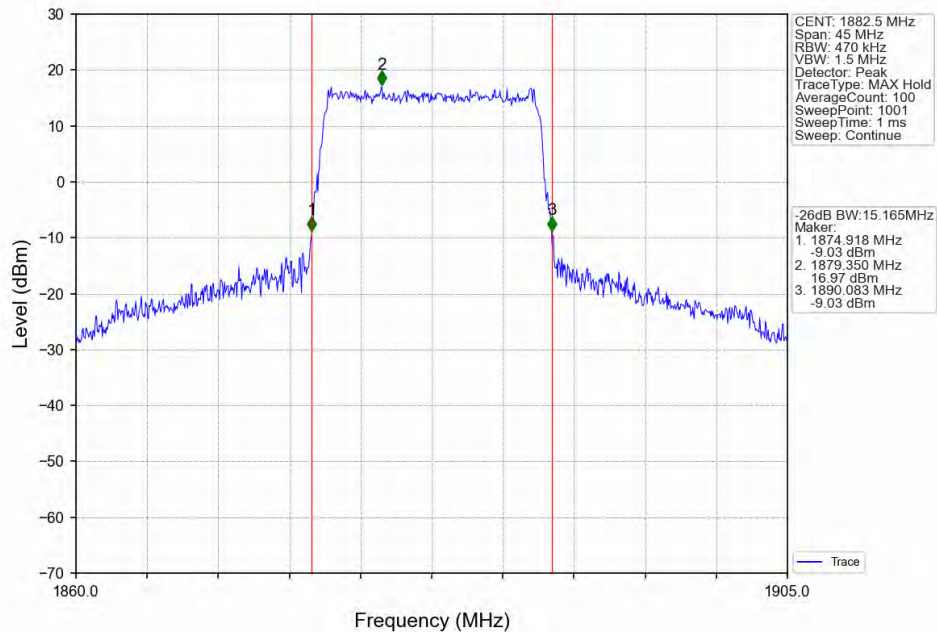
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Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



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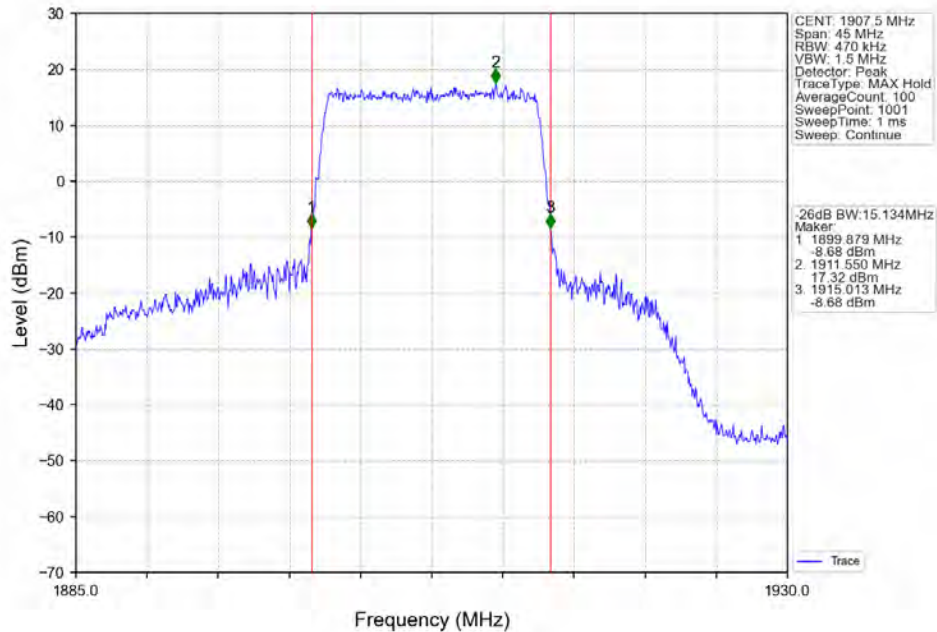
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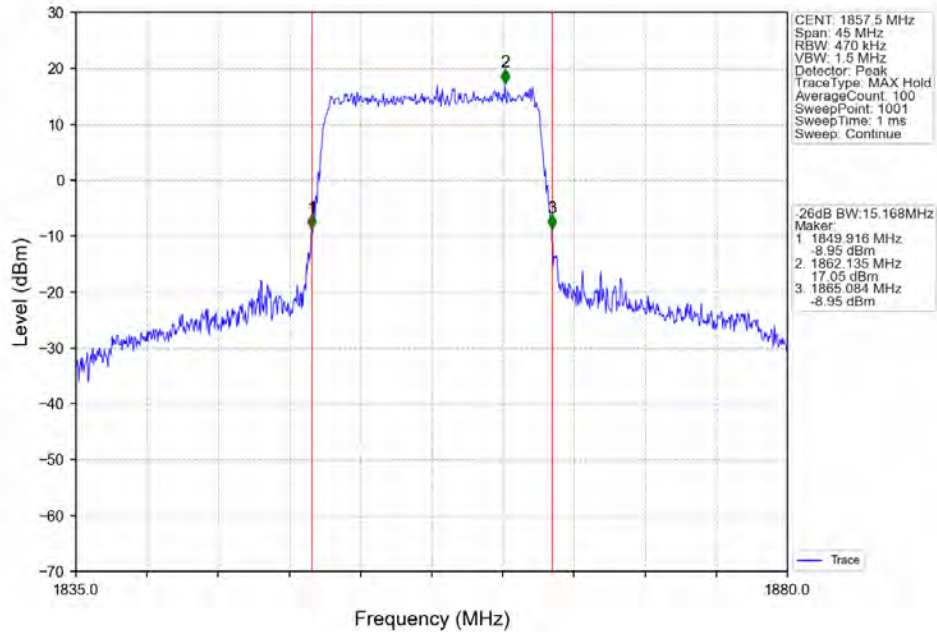
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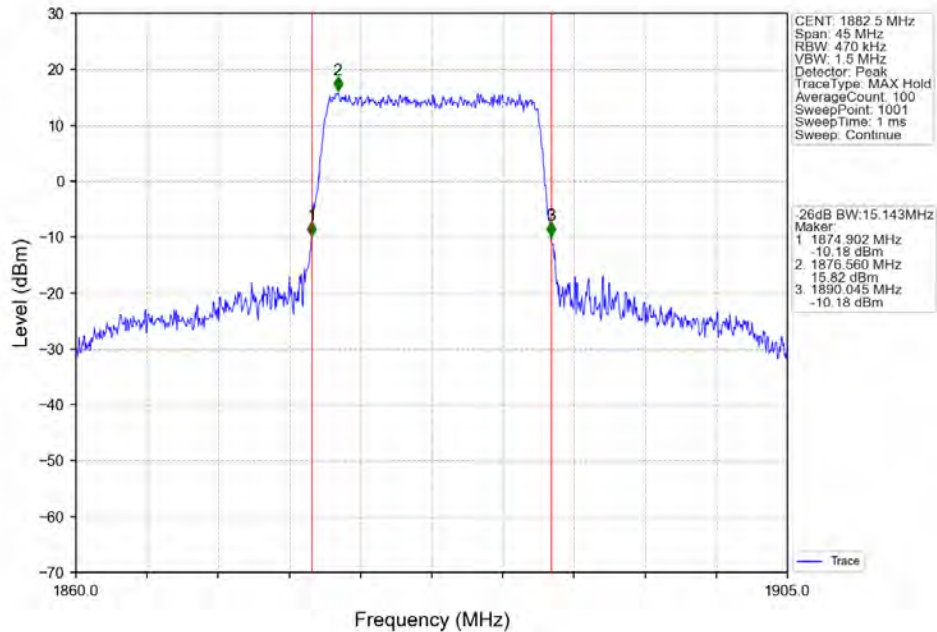
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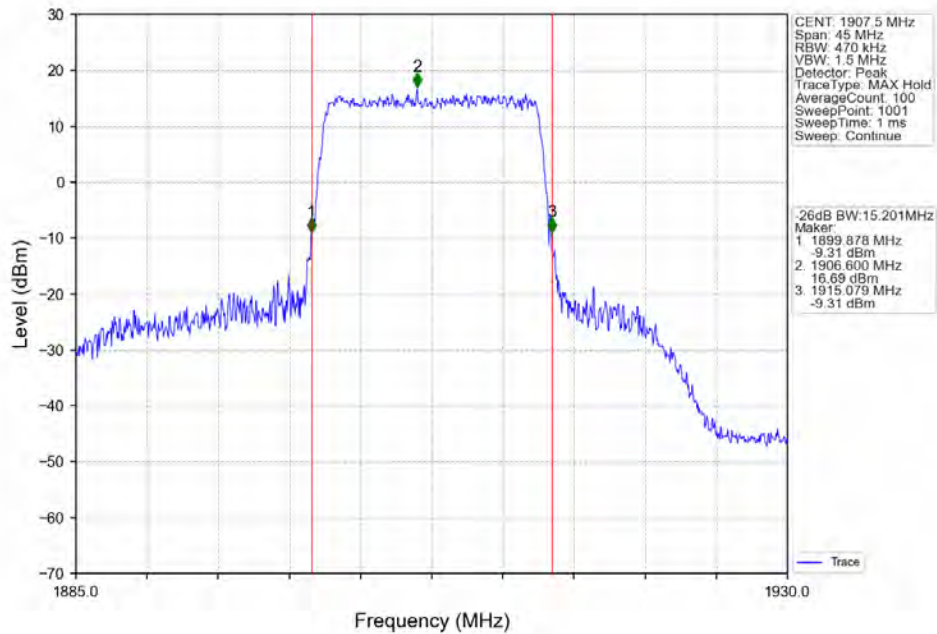
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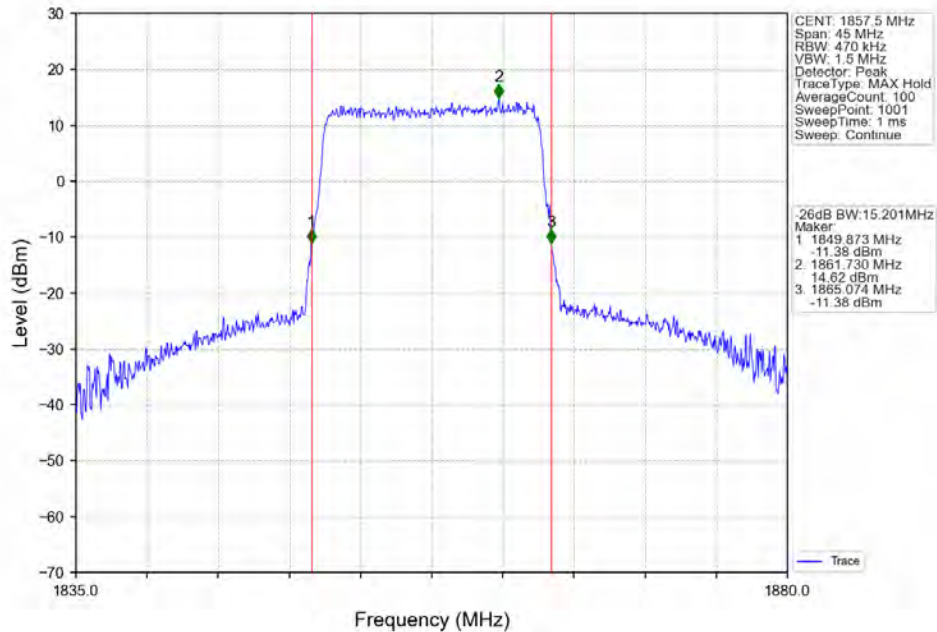
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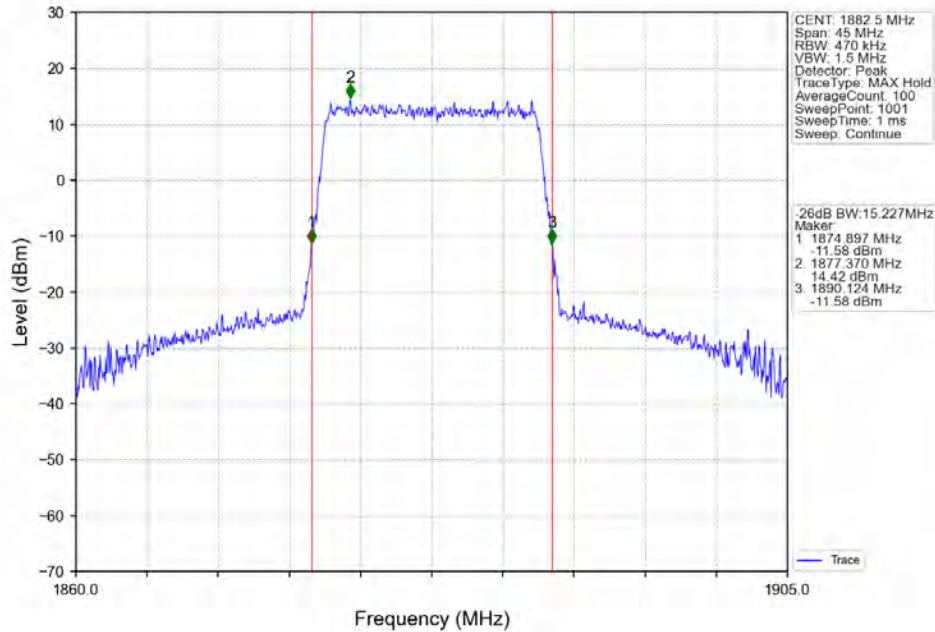
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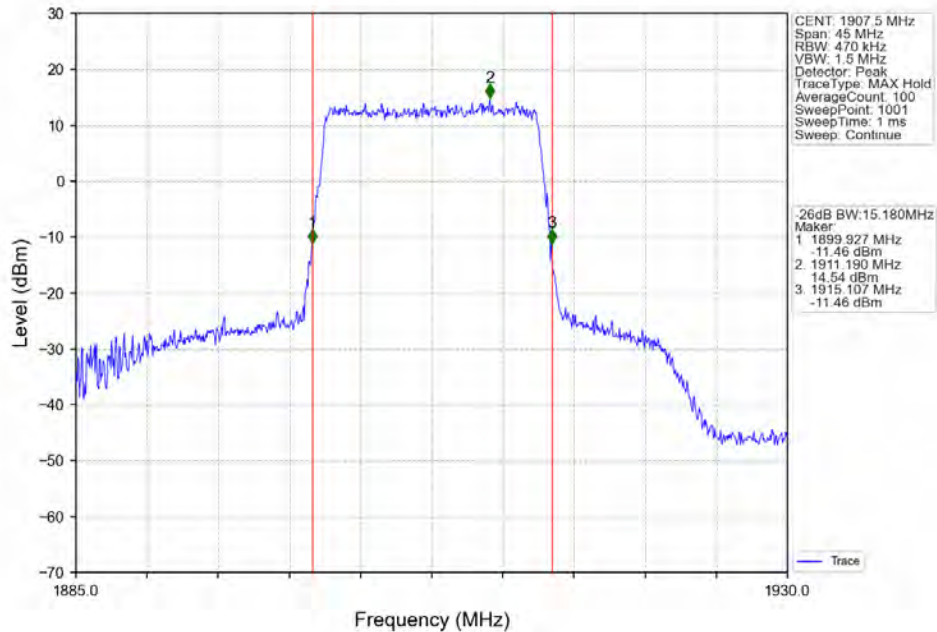
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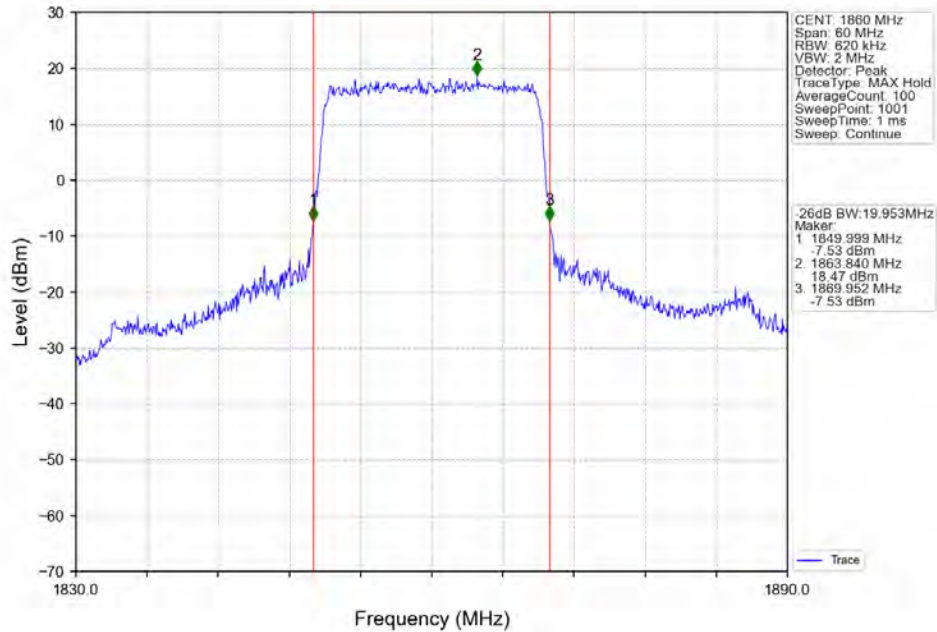
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



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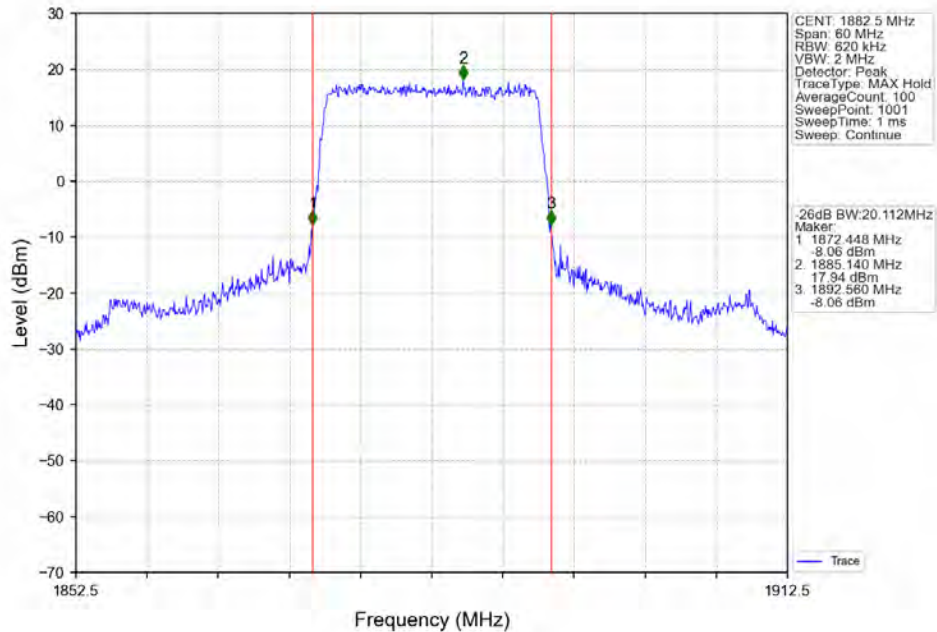
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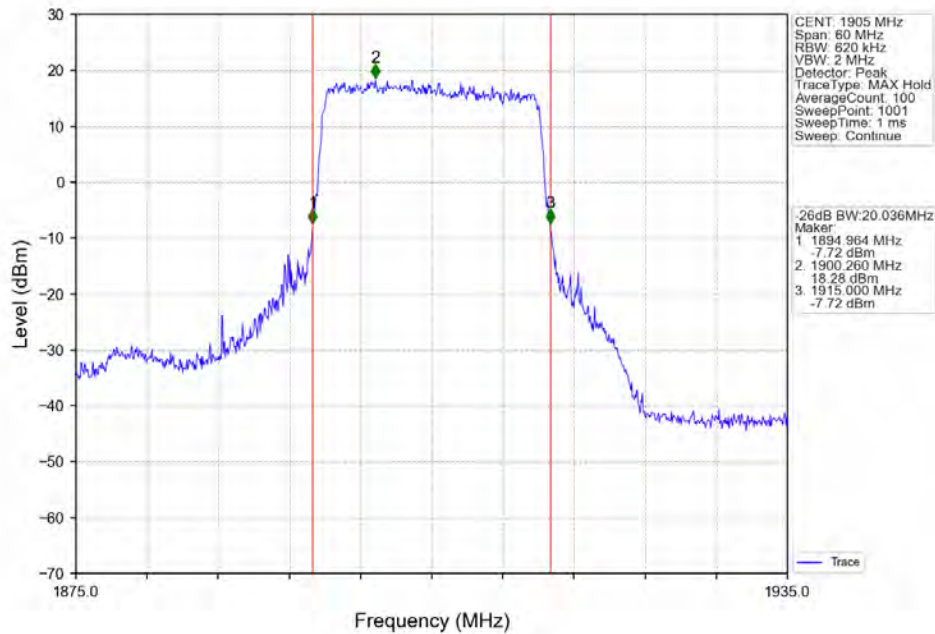
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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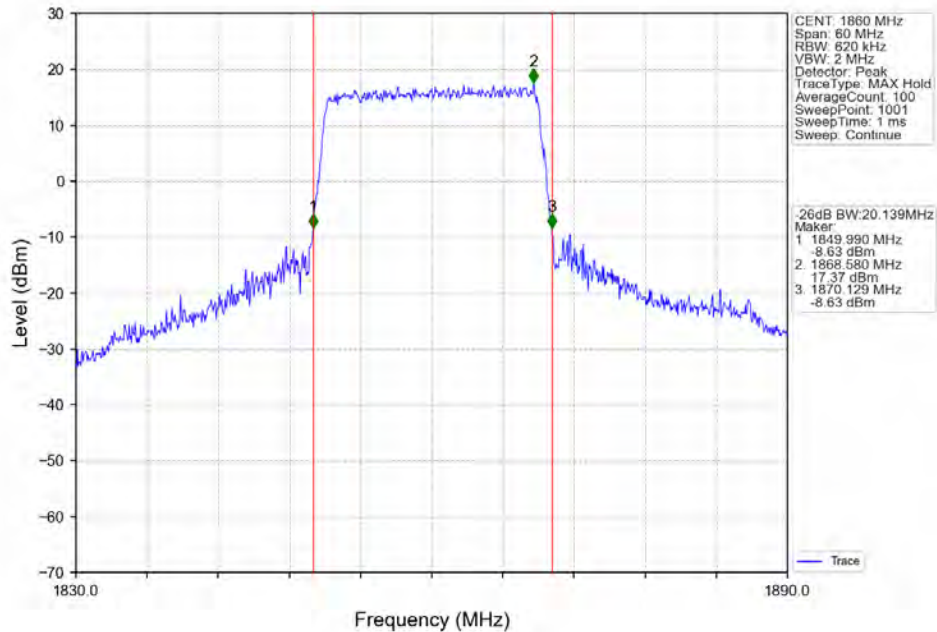
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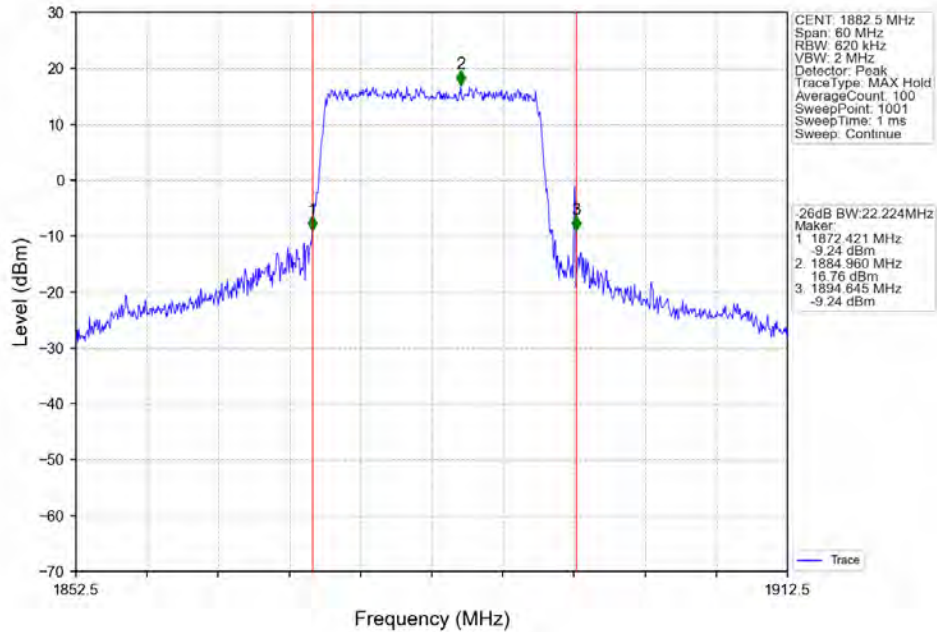
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Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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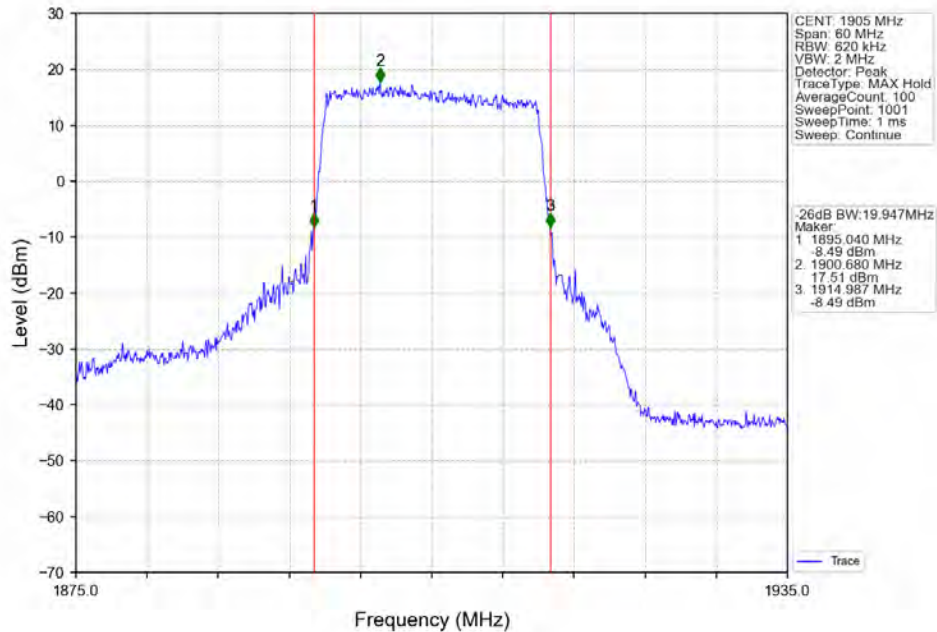
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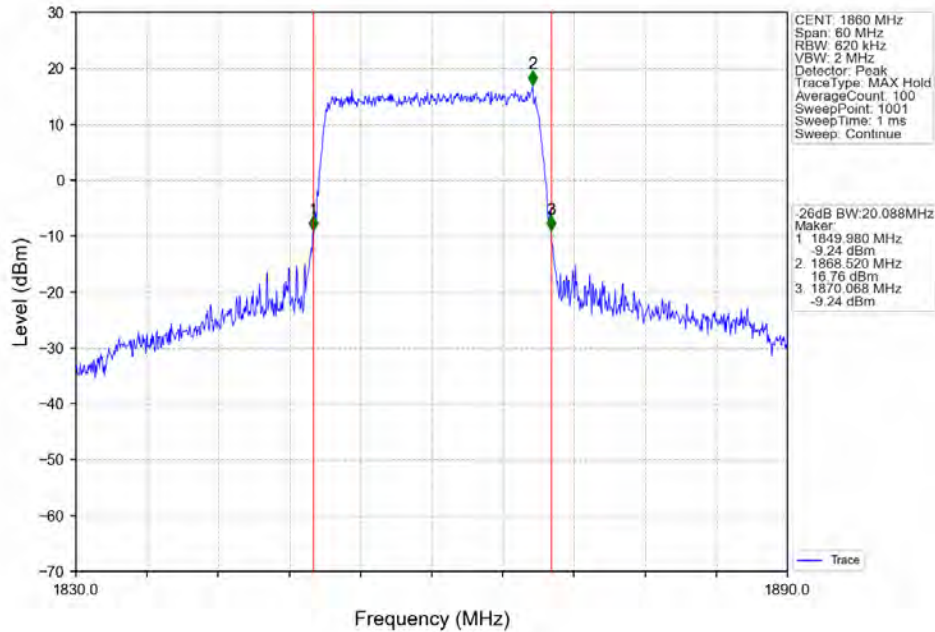
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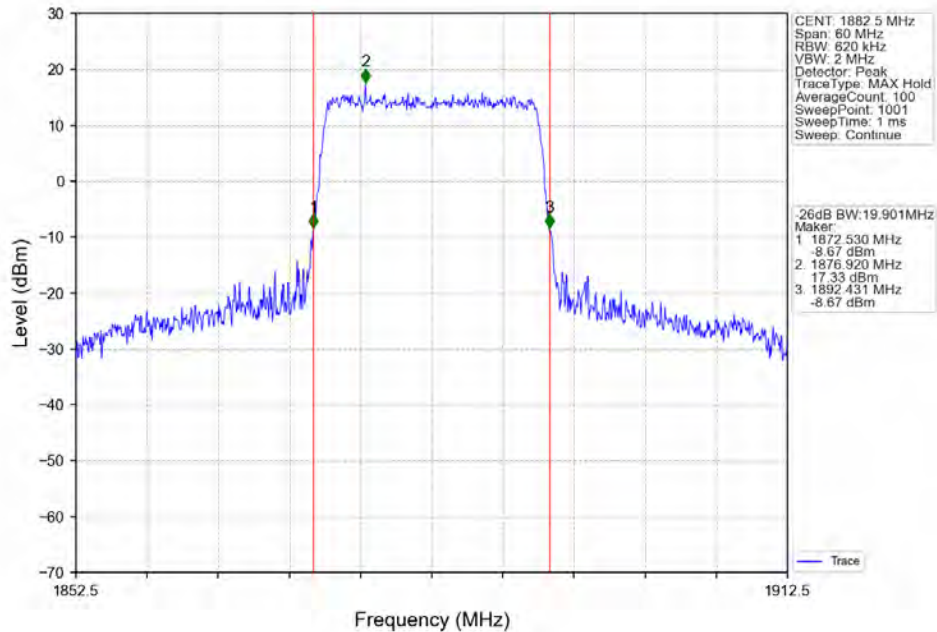
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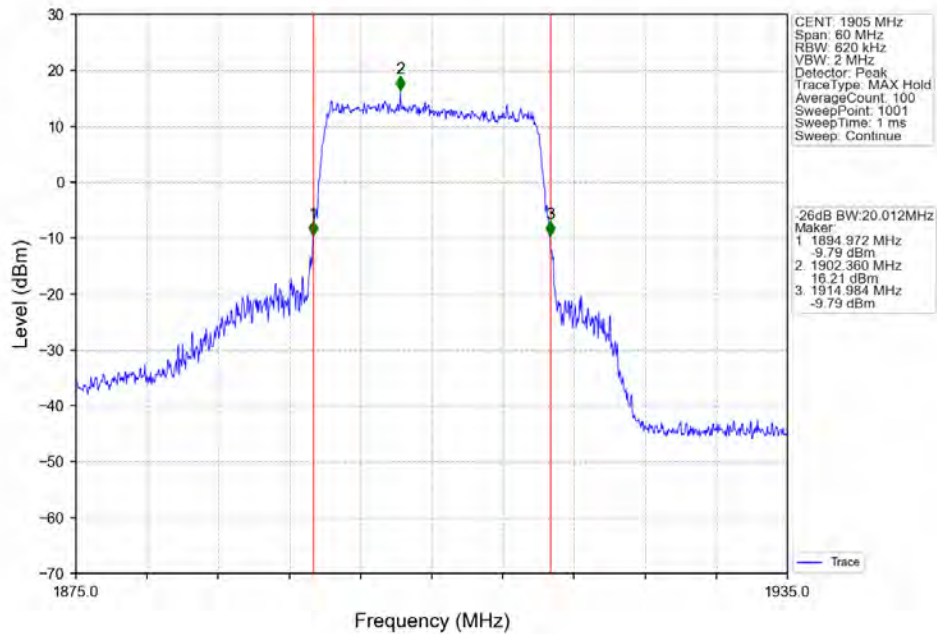
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Band25_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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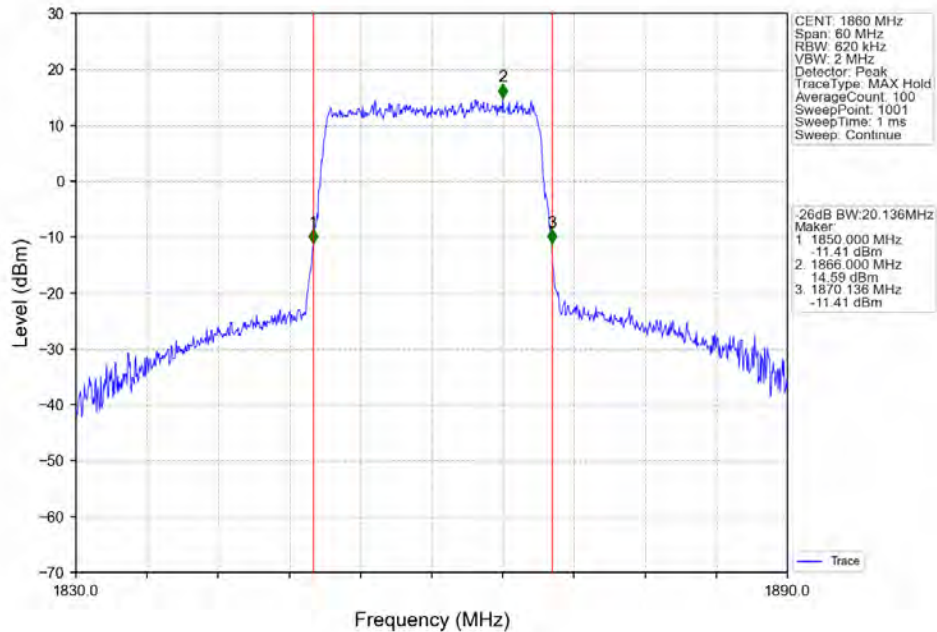
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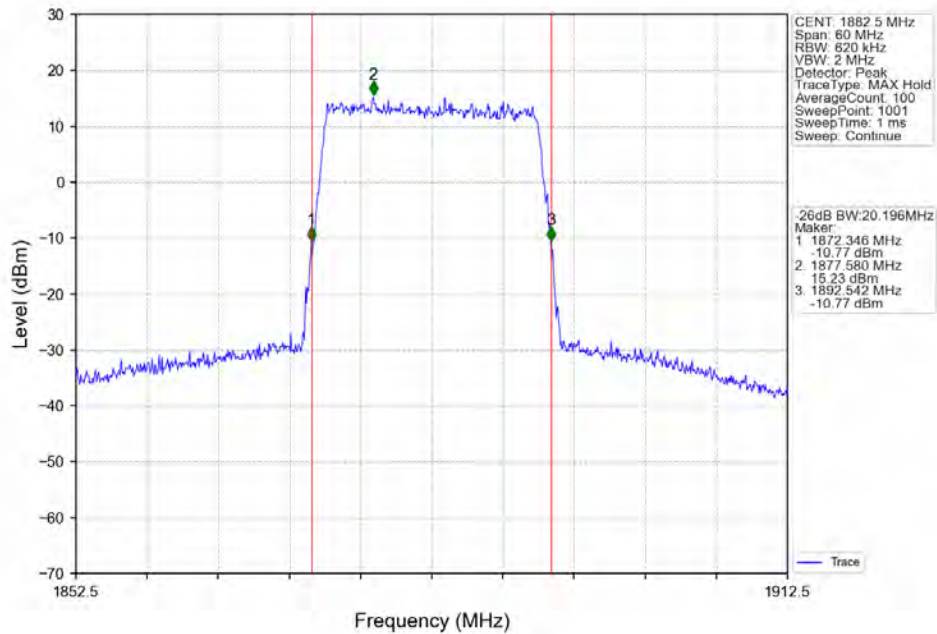
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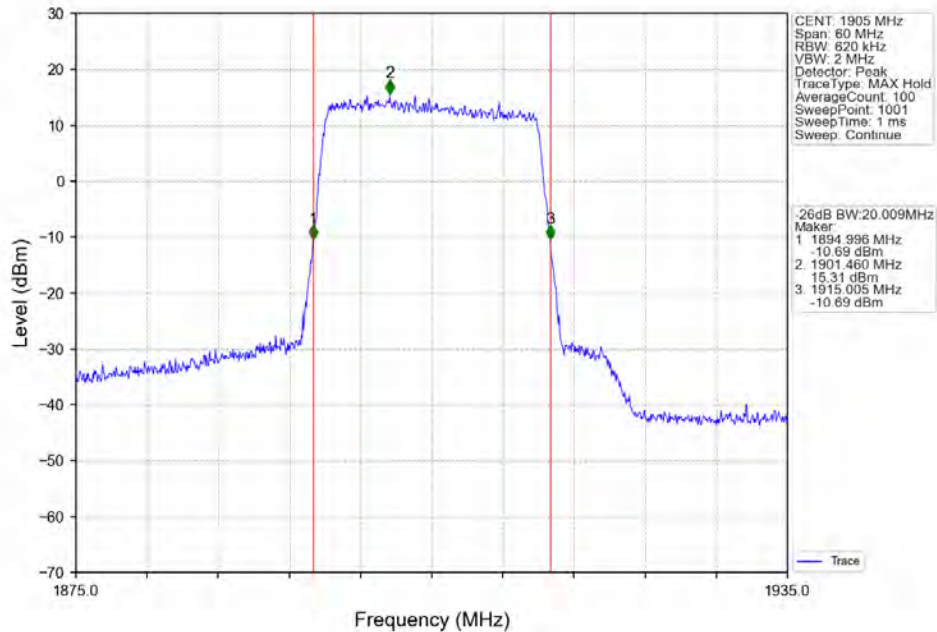
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5. Peak-Average Ratio

5.1 B25_1.4MHz

5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.66	<=13	Pass
	1882.5	6	0	4.63	<=13	Pass
	1914.3	6	0	8.45	<=13	Pass
16QAM	1850.7	6	0	6.02	<=13	Pass
	1882.5	6	0	5.92	<=13	Pass
	1914.3	6	0	8.46	<=13	Pass
64QAM	1850.7	6	0	6.62	<=13	Pass
	1882.5	6	0	8.45	<=13	Pass
	1914.3	6	0	8.45	<=13	Pass
256QAM	1850.7	6	0	6.93	<=13	Pass
	1882.5	6	0	8.45	<=13	Pass
	1914.3	6	0	8.47	<=13	Pass



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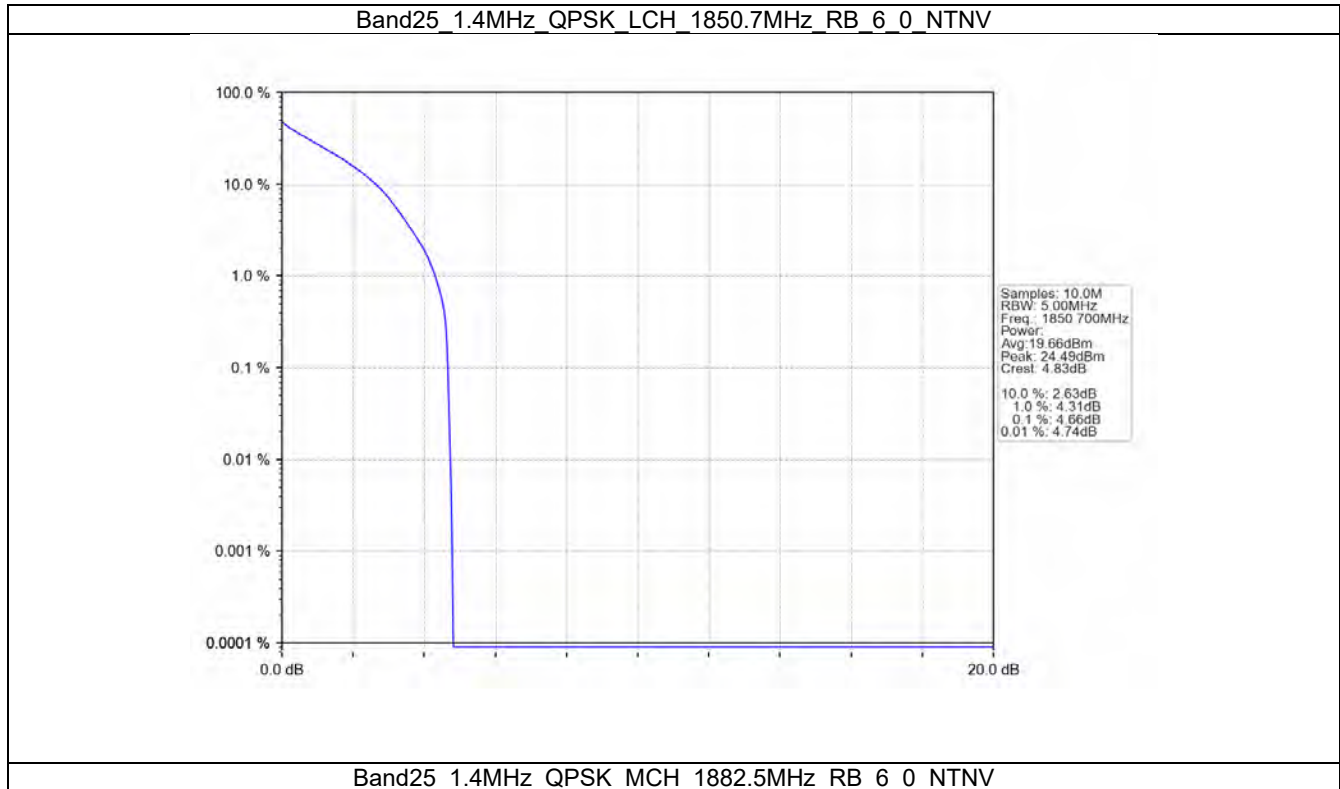
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5.1.2 Test Graph



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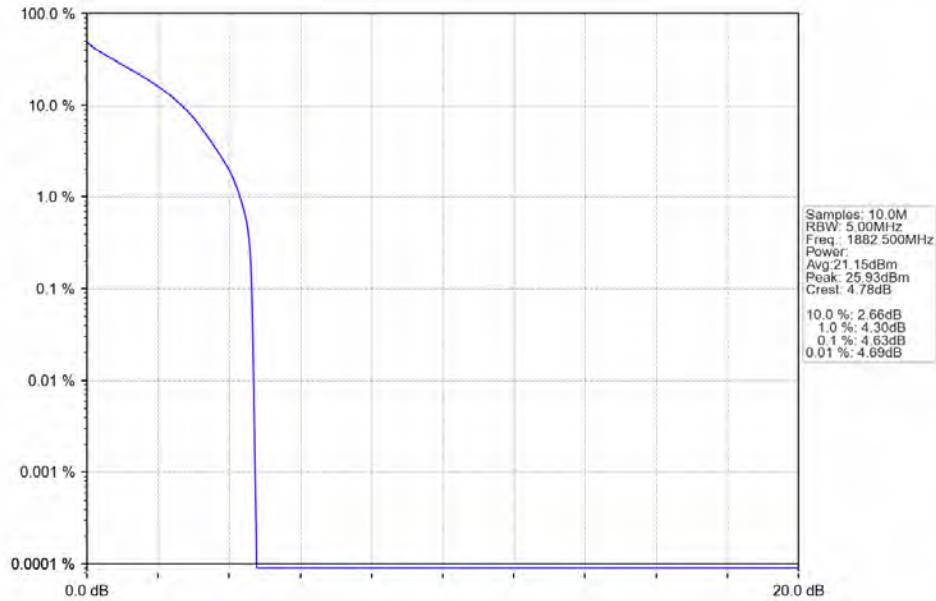
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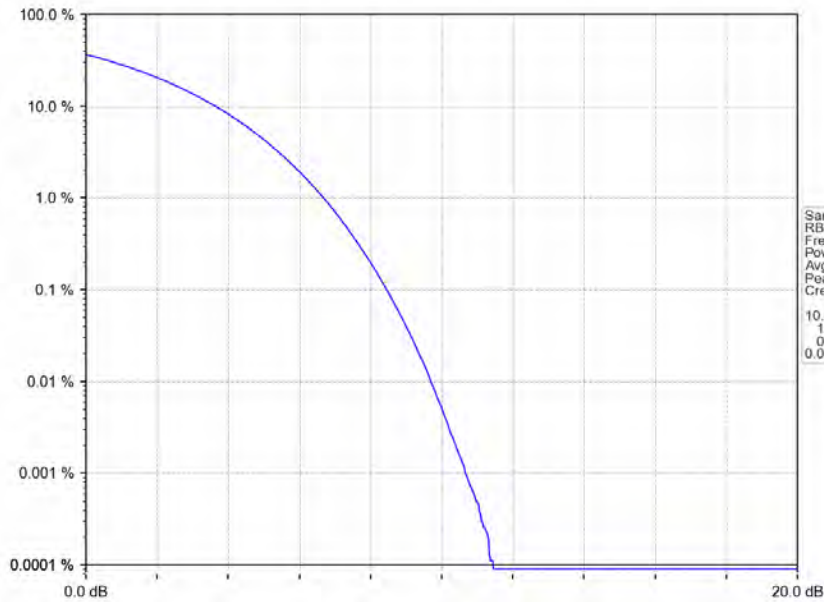
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Band25 1.4MHz QPSK HCH 1914.3MHz_RB_6_0 NTN



Band25 1.4MHz 16QAM LCH 1850.7MHz_RB_6_0 NTN



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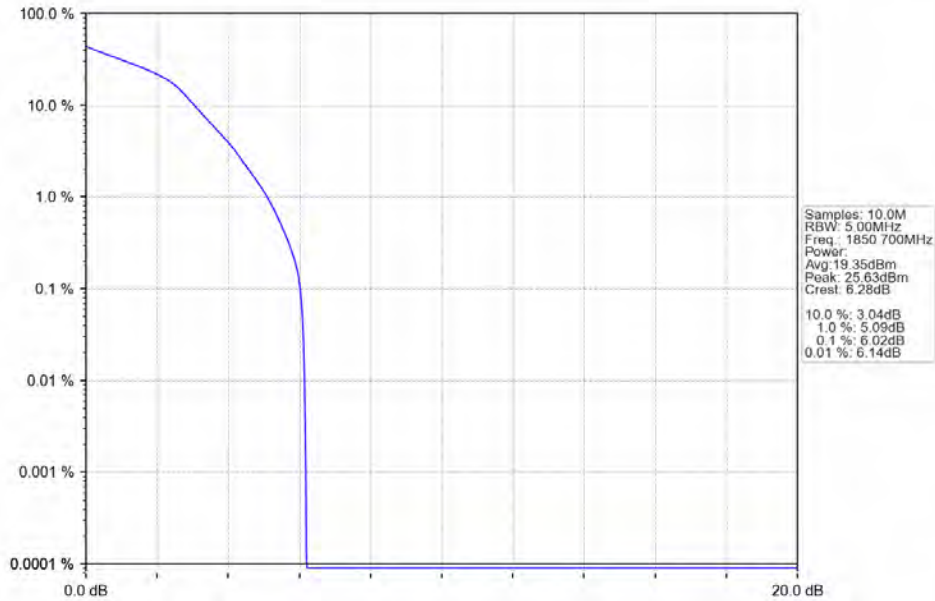
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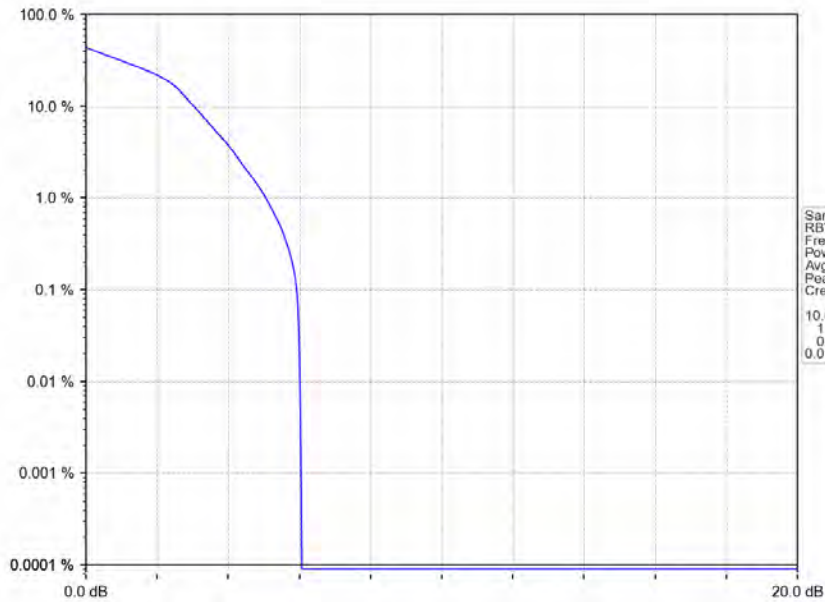
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Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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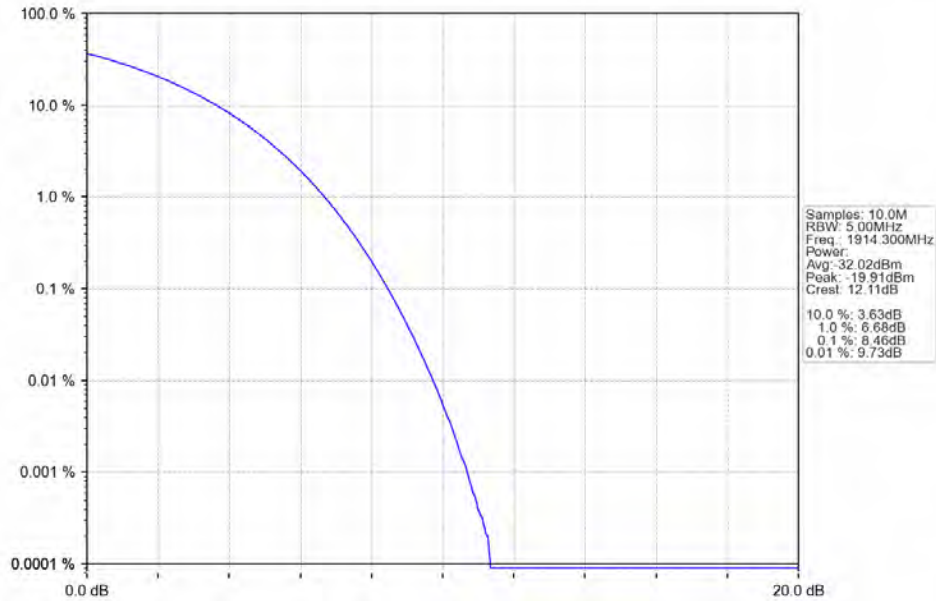
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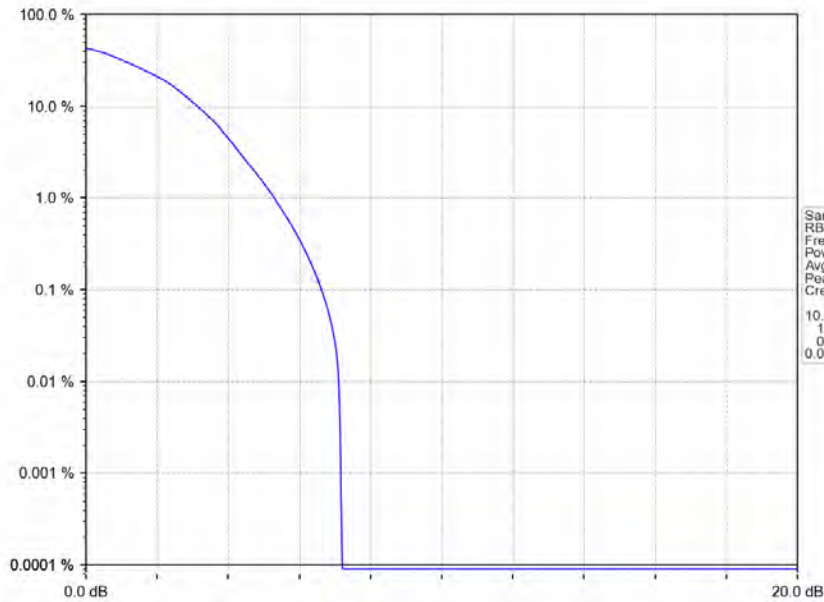
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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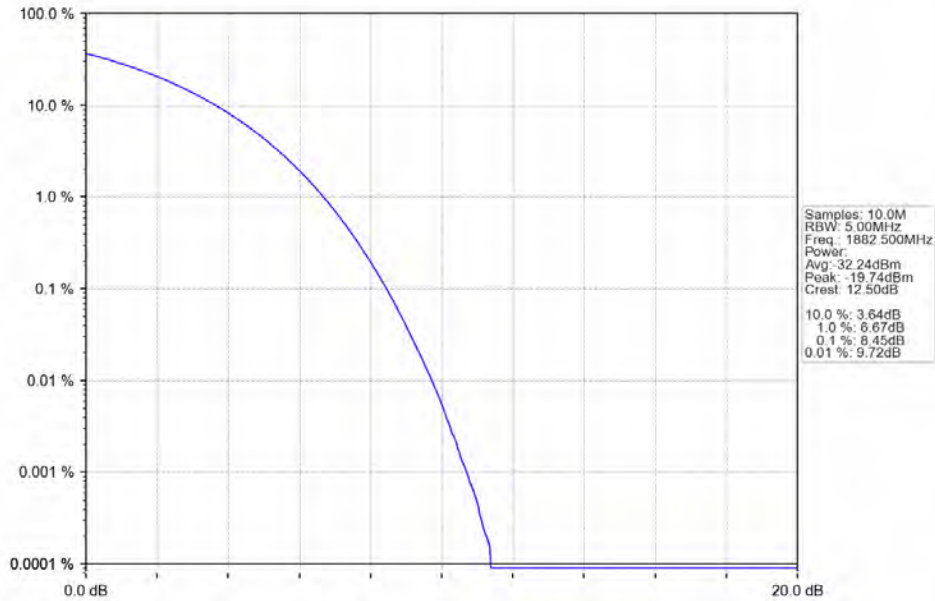
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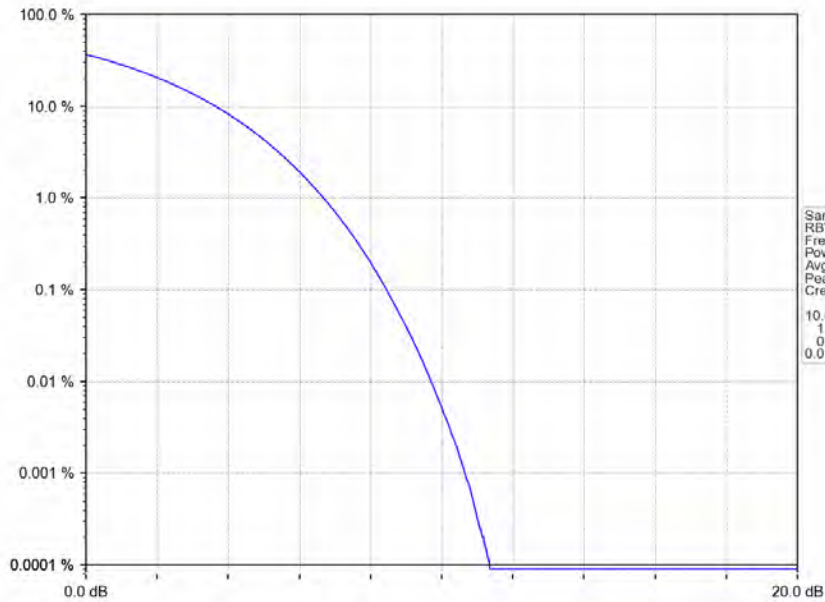
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Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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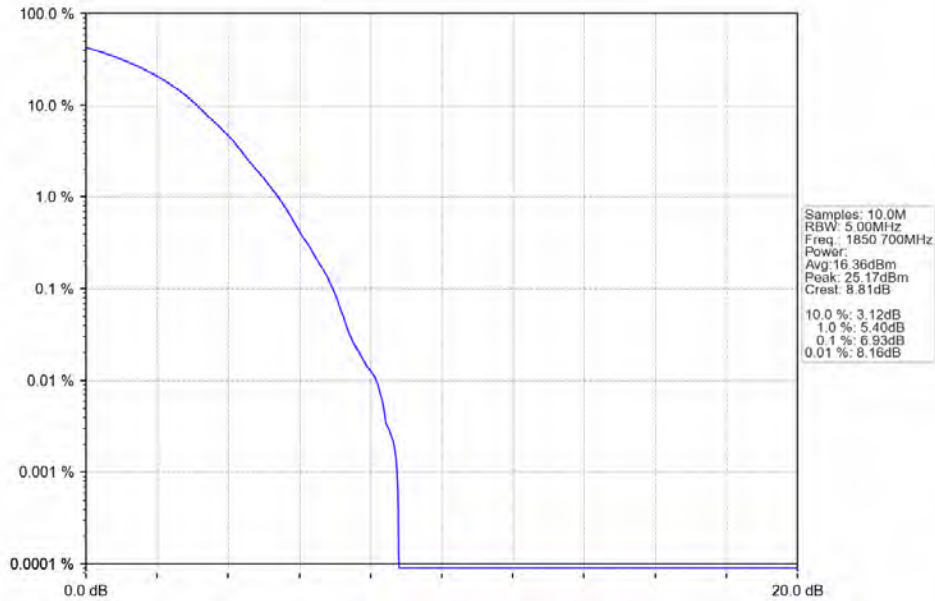
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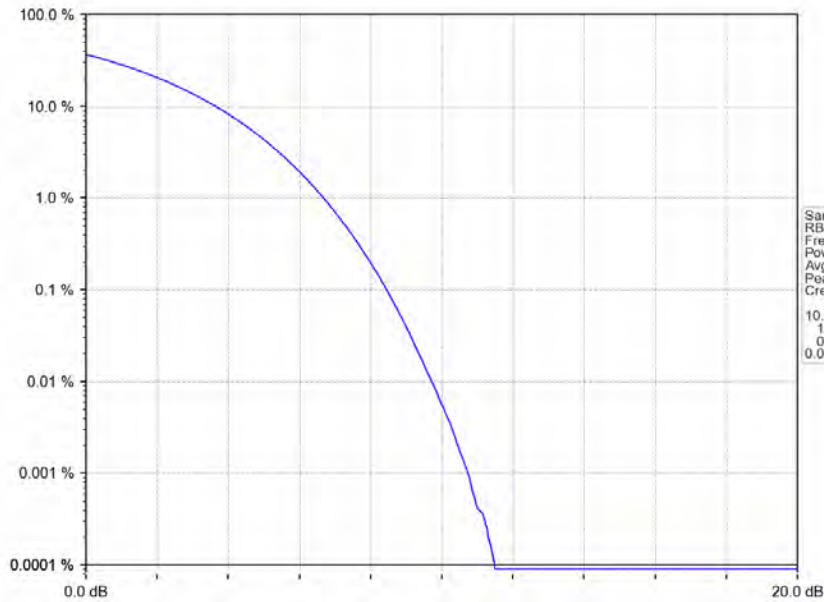
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Band25_1.4MHz_256QAM_HCH_1914.3MHz_RB_6_0_NTNV



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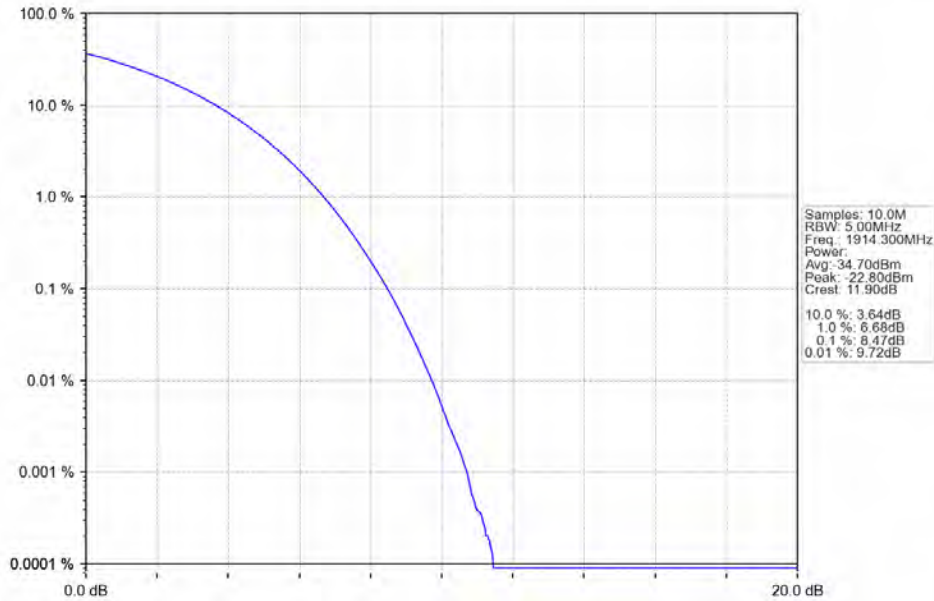
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5.2 B25_3MHz

5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	8.46	<=13	Pass
	1882.5	15	0	8.45	<=13	Pass
	1913.5	15	0	8.46	<=13	Pass
16QAM	1851.5	15	0	8.44	<=13	Pass
	1882.5	15	0	8.46	<=13	Pass
	1913.5	15	0	8.46	<=13	Pass
64QAM	1851.5	15	0	8.45	<=13	Pass
	1882.5	15	0	8.46	<=13	Pass
	1913.5	15	0	8.45	<=13	Pass
256QAM	1851.5	15	0	8.44	<=13	Pass
	1882.5	15	0	8.46	<=13	Pass
	1913.5	15	0	8.45	<=13	Pass



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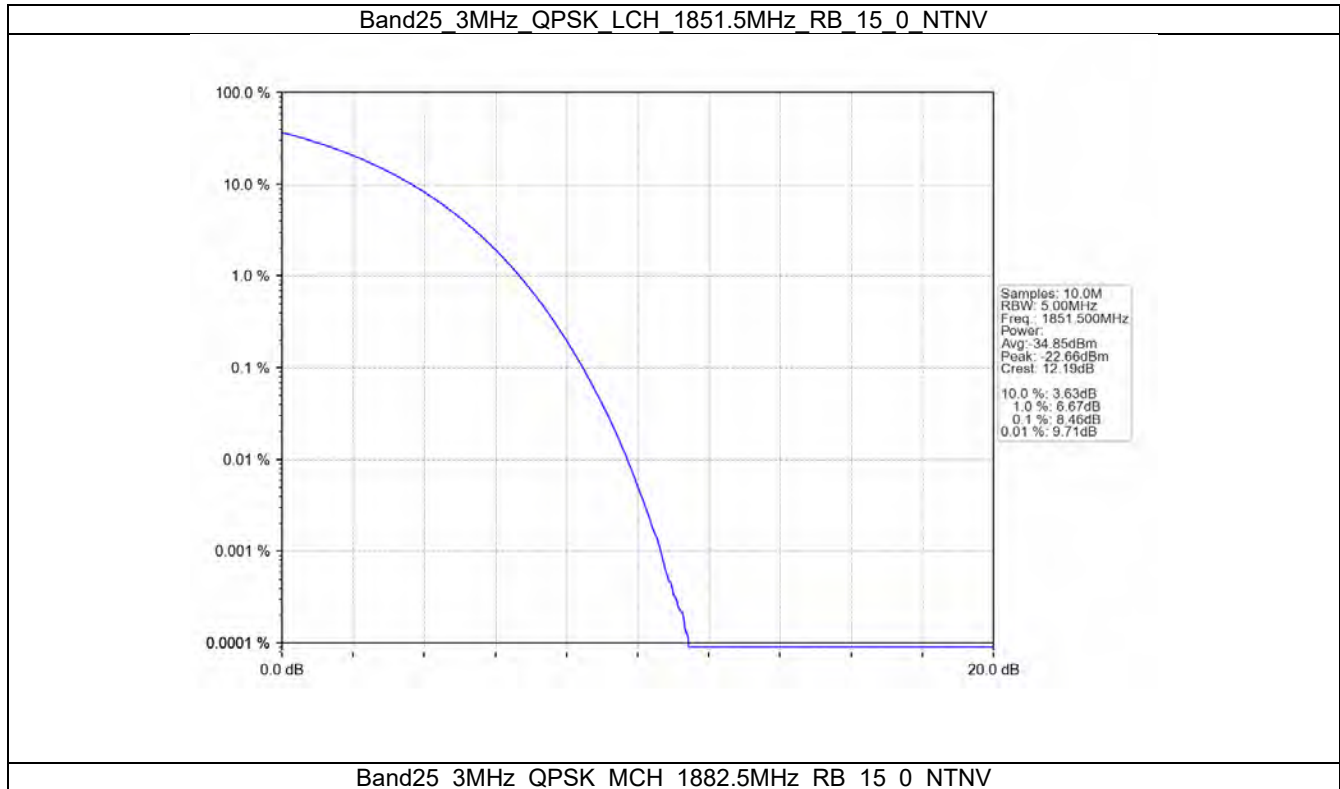
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5.2.2 Test Graph



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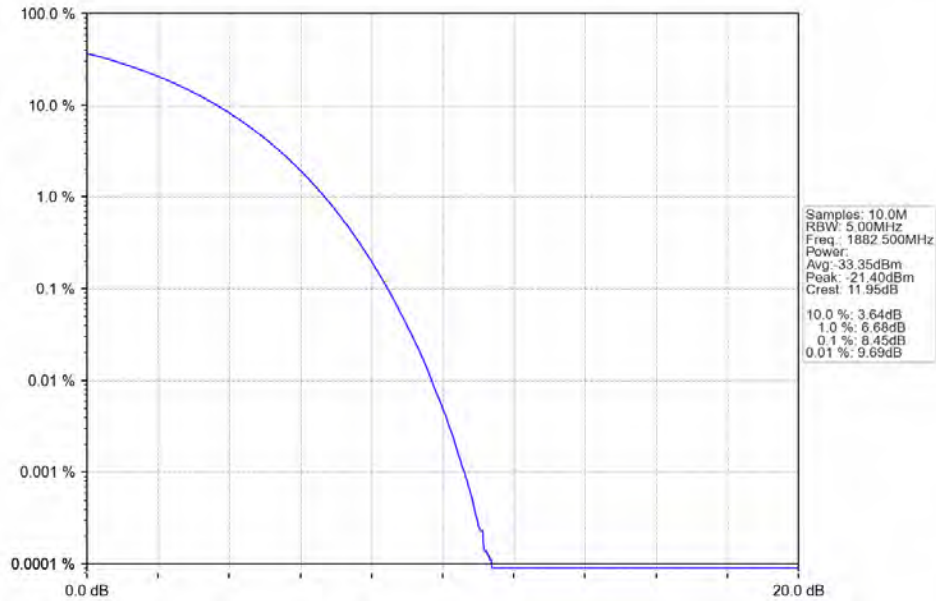
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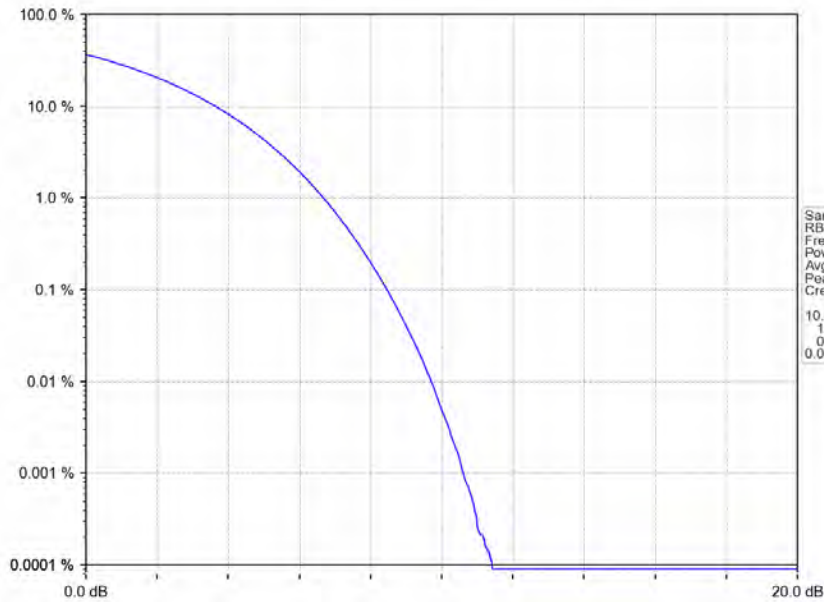
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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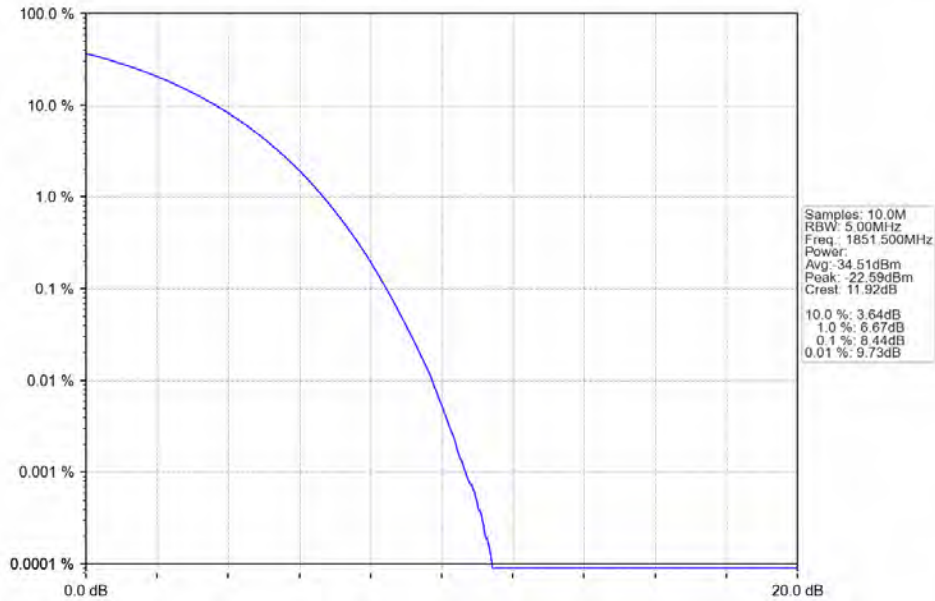
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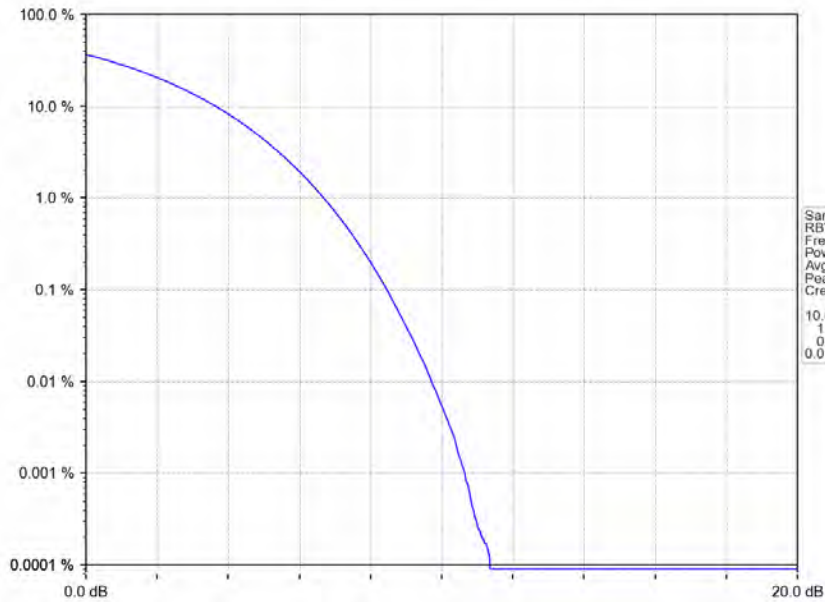
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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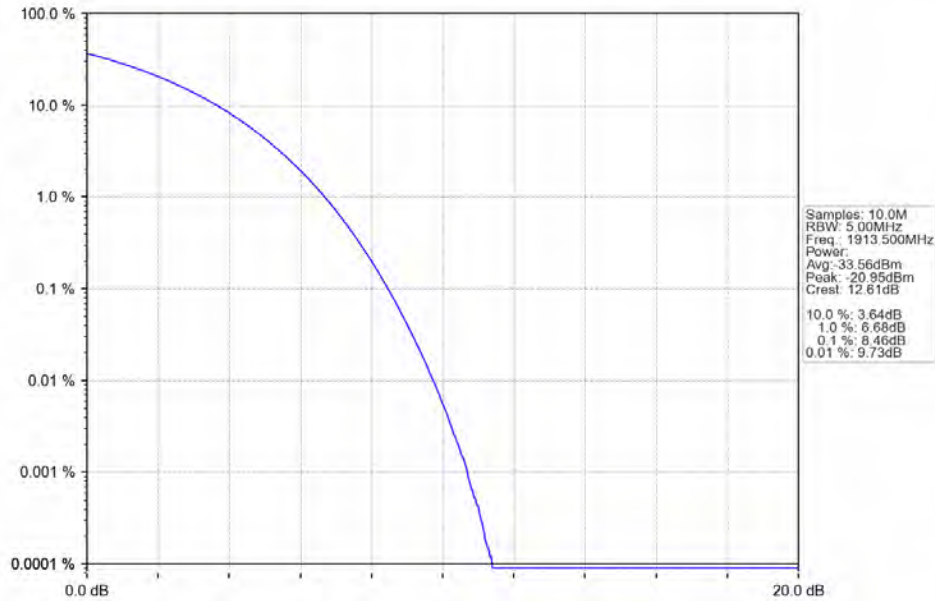
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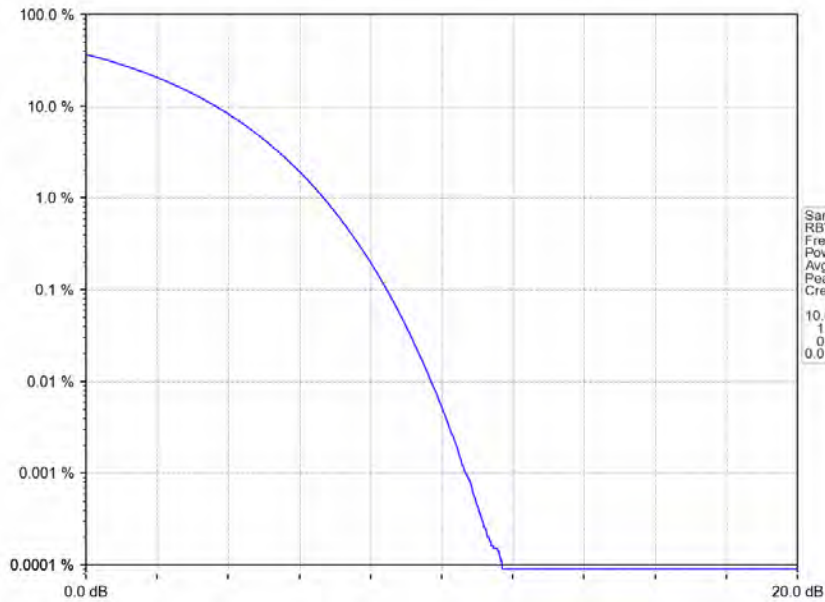
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Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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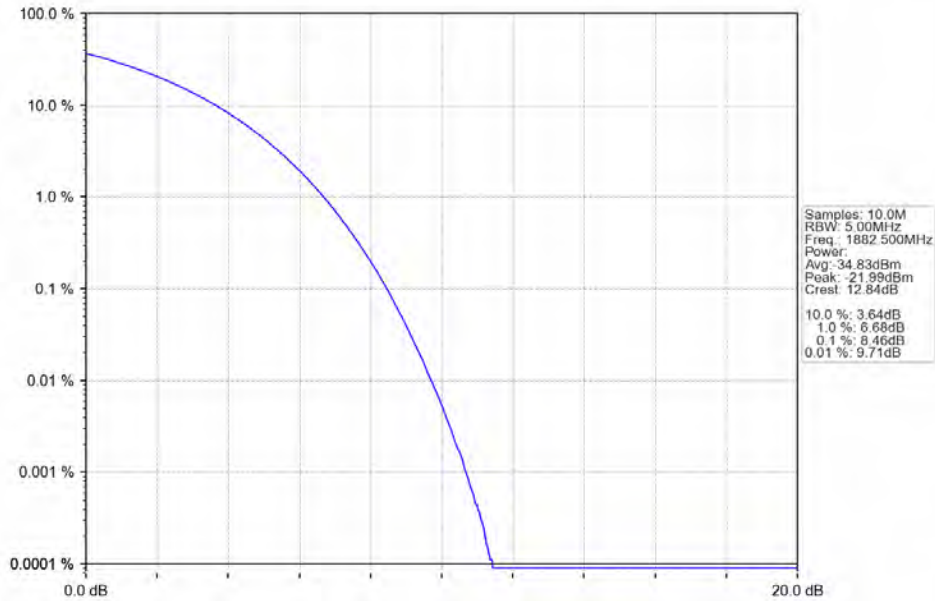
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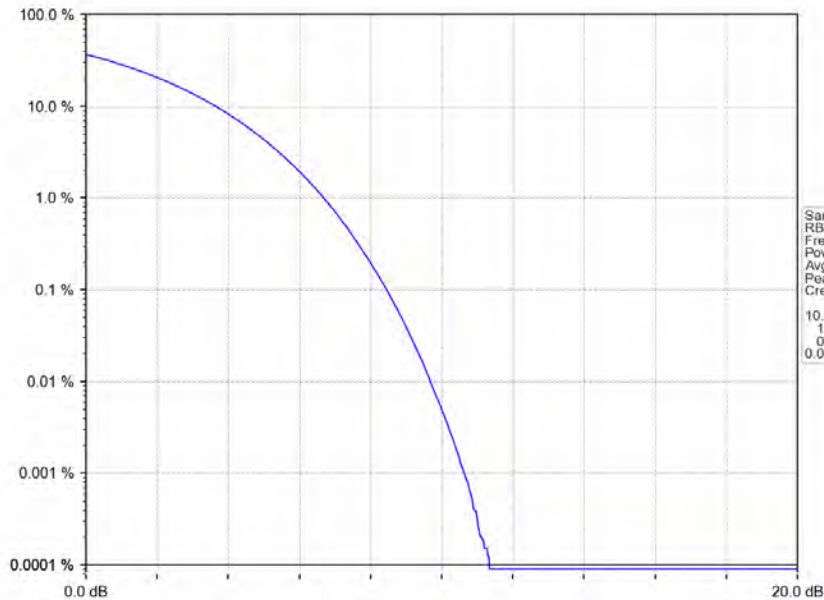
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Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1913.500MHz
Power:
Avg: 34.72dBm
Peak: -22.71dBm
Crest: 12.01dB

Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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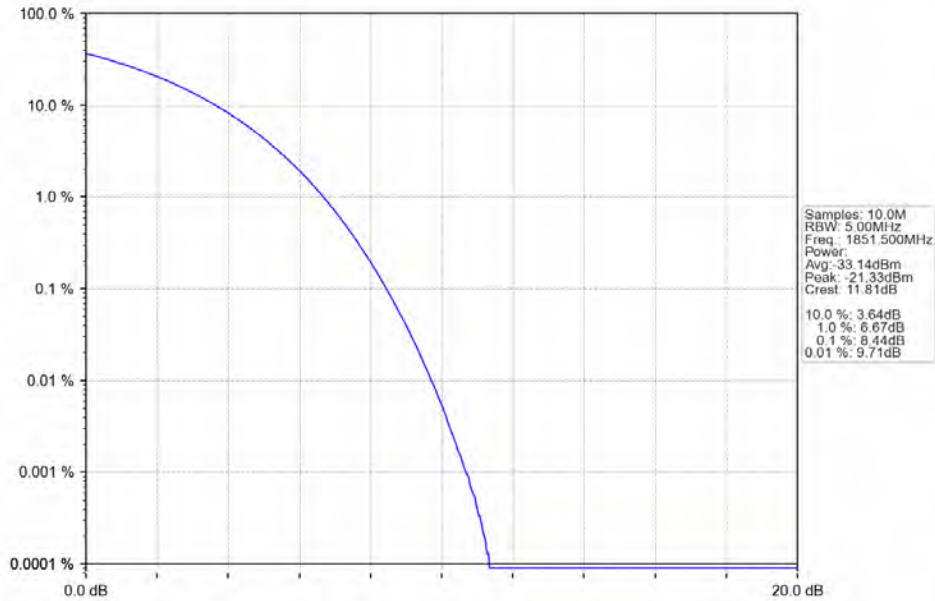
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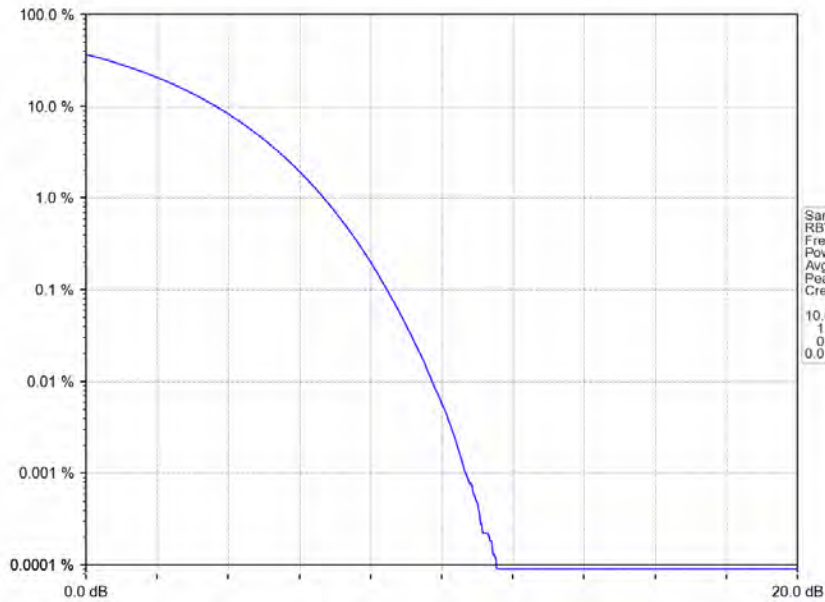
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Band25_3MHz_256QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_256QAM_HCH_1913.5MHz_RB_15_0_NTNV



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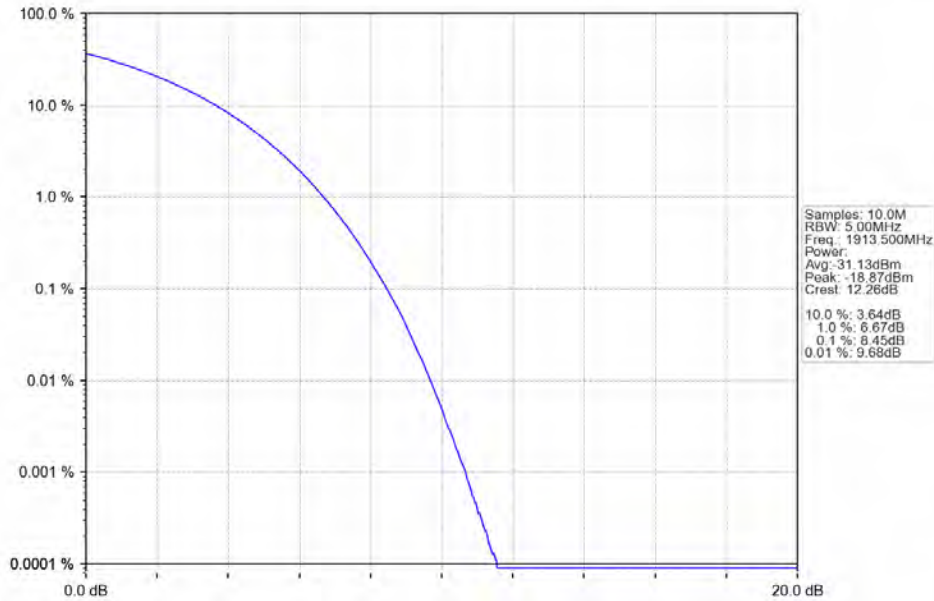
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5.3 B25_5MHz

5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	8.45	<=13	Pass
	1882.5	25	0	8.45	<=13	Pass
	1912.5	25	0	8.45	<=13	Pass
16QAM	1852.5	25	0	8.46	<=13	Pass
	1882.5	25	0	8.47	<=13	Pass
	1912.5	25	0	8.45	<=13	Pass
64QAM	1852.5	25	0	8.44	<=13	Pass
	1882.5	25	0	8.46	<=13	Pass
	1912.5	25	0	8.47	<=13	Pass
256QAM	1852.5	25	0	8.44	<=13	Pass
	1882.5	25	0	8.46	<=13	Pass
	1912.5	25	0	8.46	<=13	Pass



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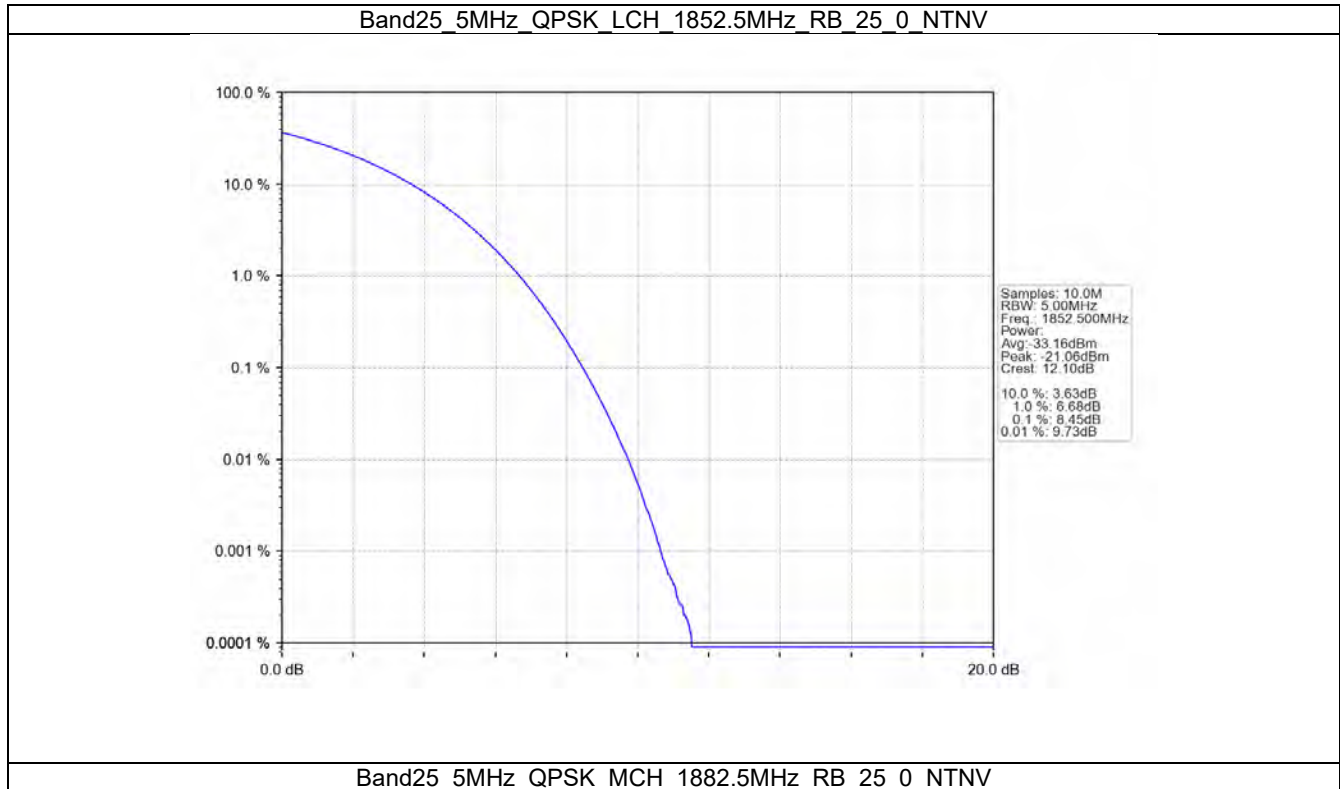
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5.3.2 Test Graph



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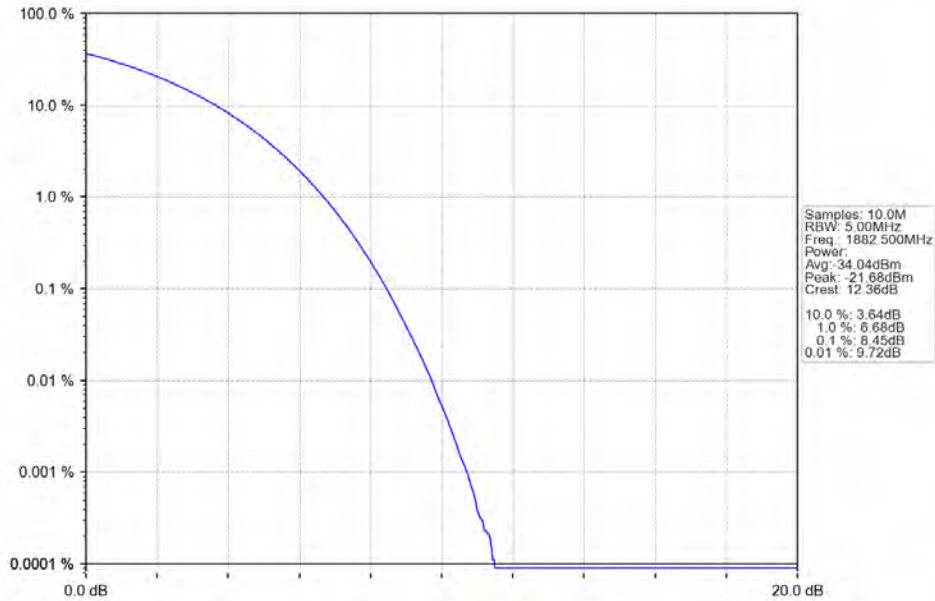
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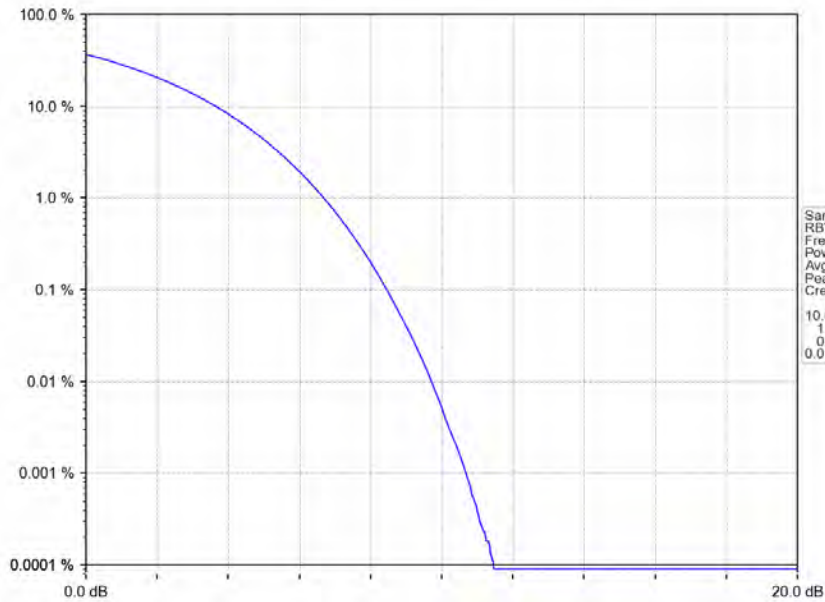
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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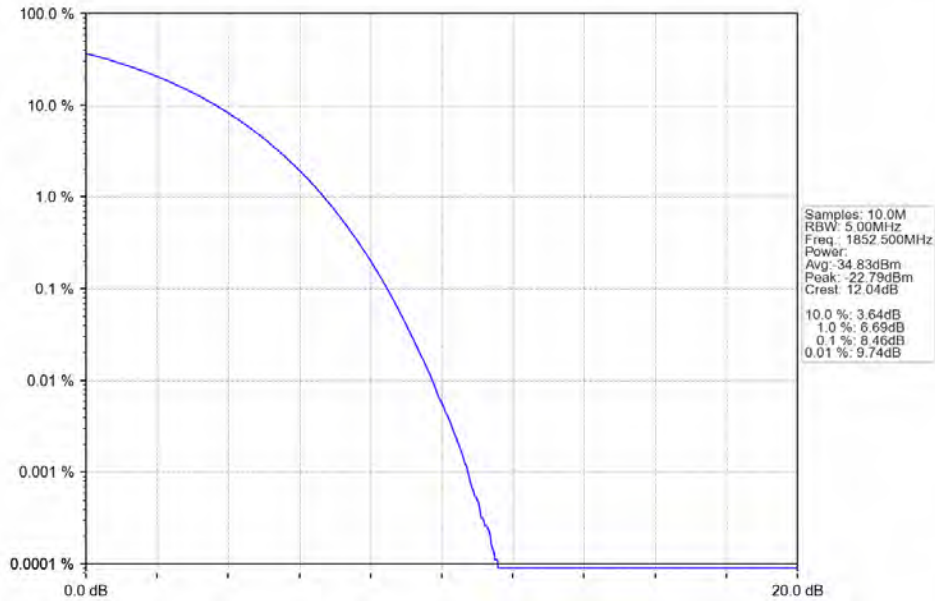
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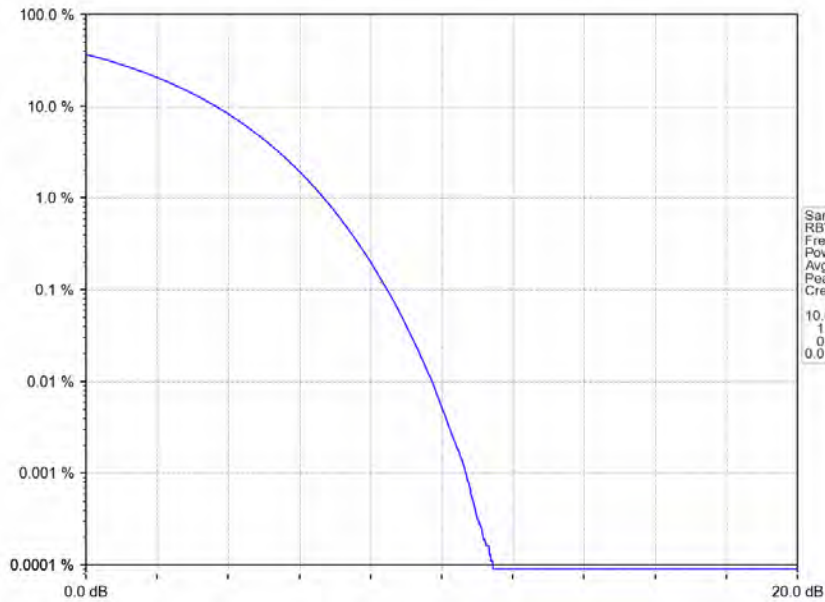
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Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



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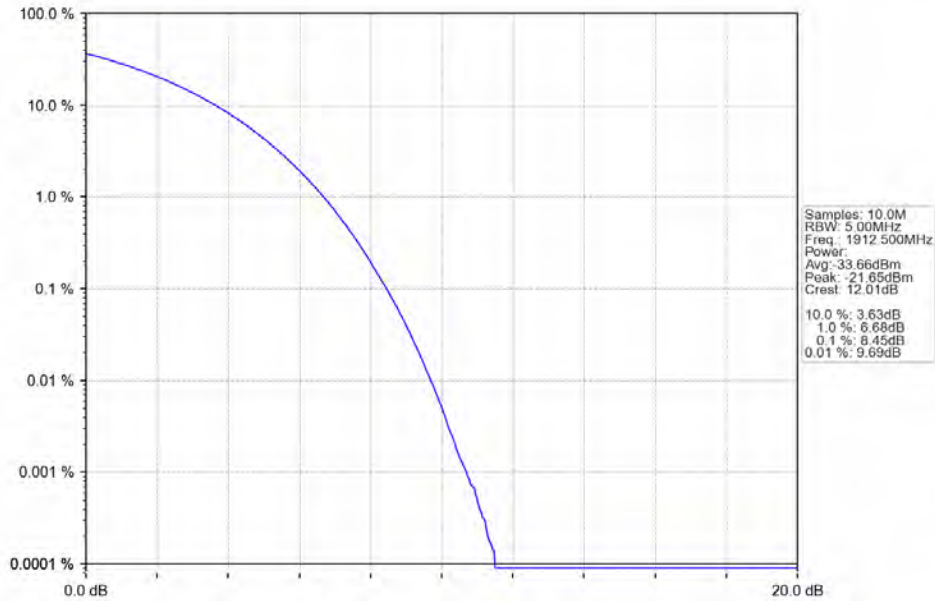
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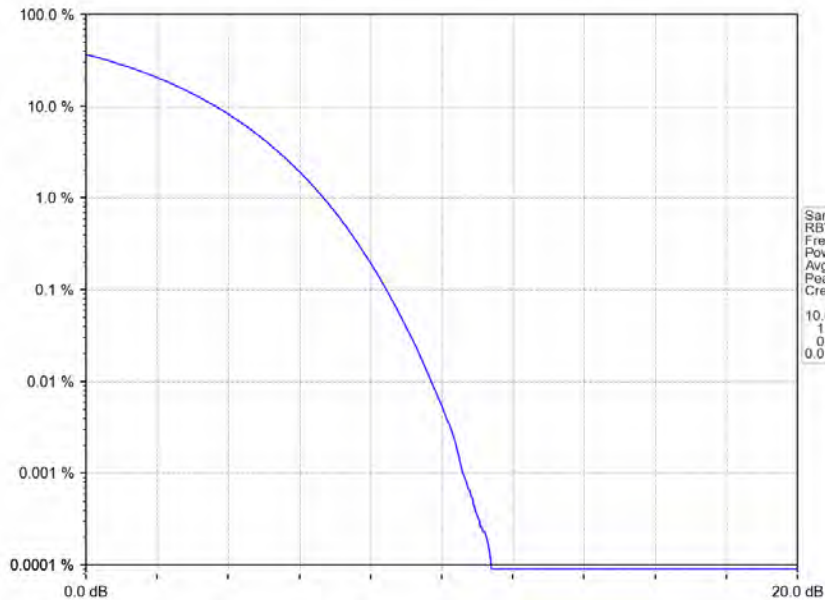
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Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



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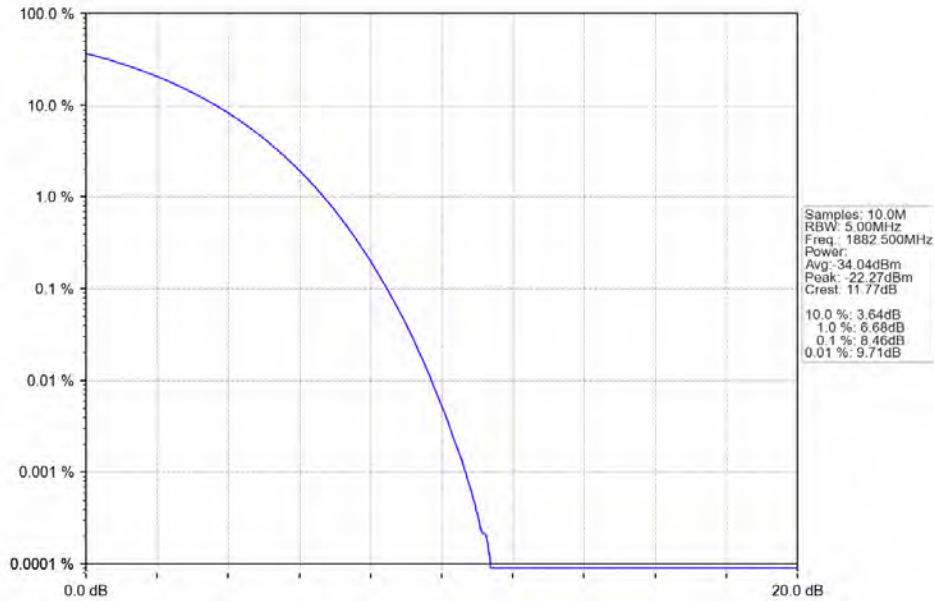
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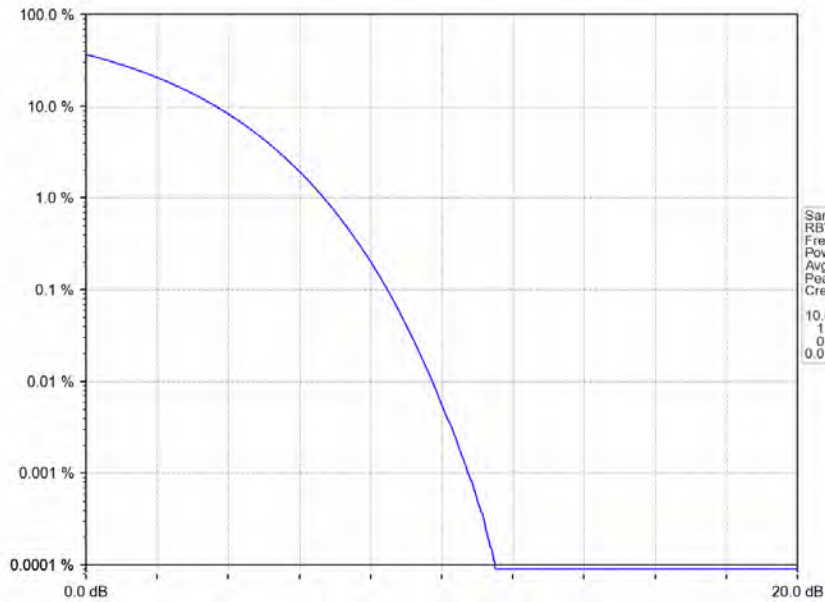
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Samples: 10.0M
RBW: 5.00MHz
Freq: 1912.500MHz
Power:
Avg: 33.66dBm
Peak: -21.39dBm
Crest: 12.27dB
10.0 %: 3.64dB
1.0 %: 6.69dB
0.1 %: 8.47dB
0.01 %: 9.73dB

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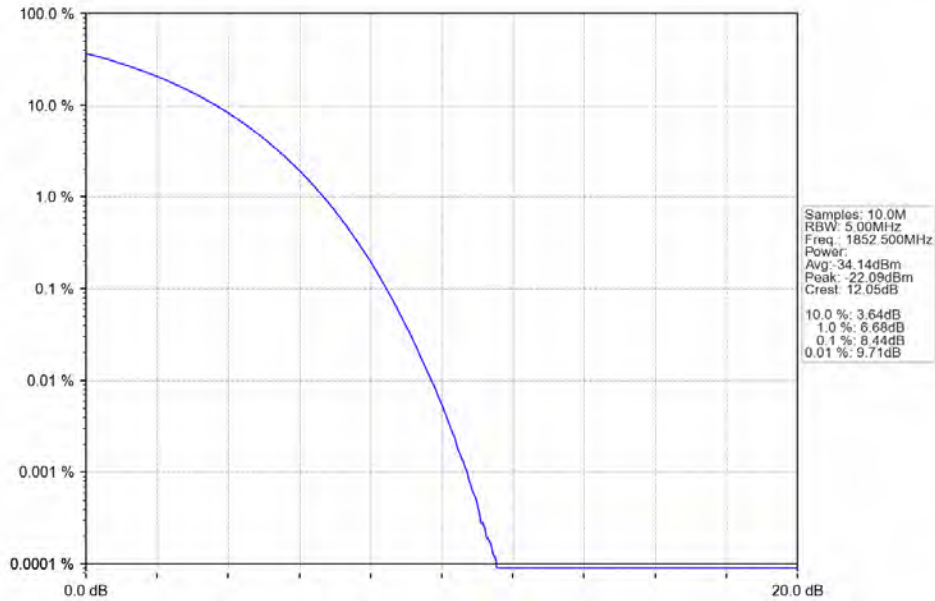
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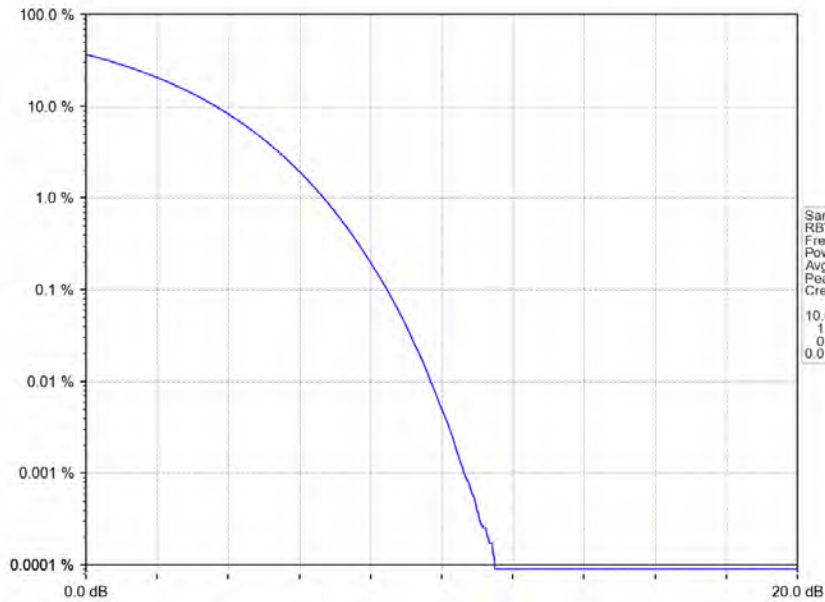
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Band25_5MHz_256QAM_MCH_1882.5MHz_RB_25_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1882.500MHz
Power:
Avg: 34.04dBm
Peak: -21.16dBm
Crest: 12.88dB
10.0 %: 3.64dB
1.0 %: 6.68dB
0.1 %: 8.46dB
0.01 %: 9.69dB

Band25_5MHz_256QAM_HCH_1912.5MHz_RB_25_0_NTNV



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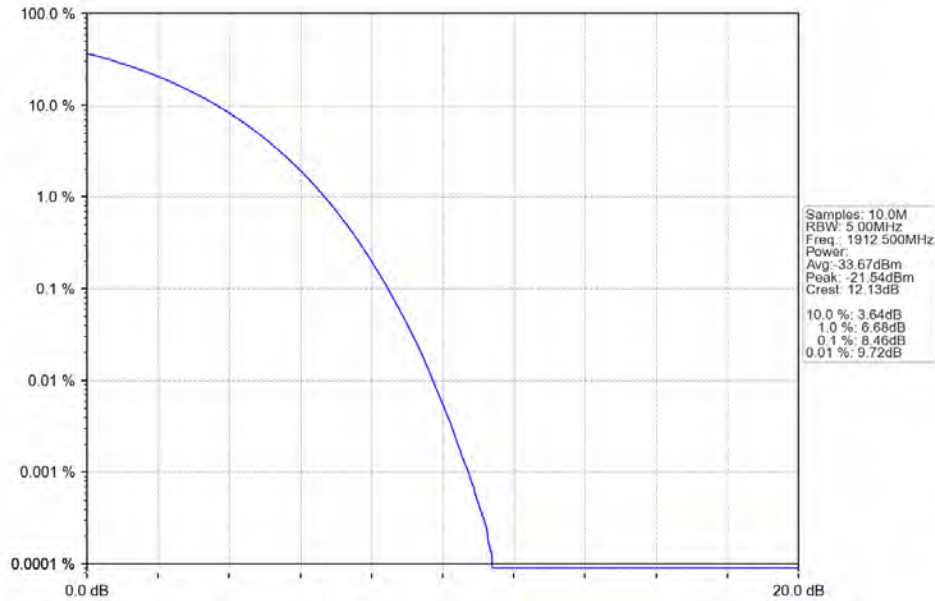
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5.4 B25_10MHz

5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	8.47	<=13	Pass
	1882.5	50	0	8.47	<=13	Pass
	1910	50	0	8.47	<=13	Pass
16QAM	1855	50	0	8.48	<=13	Pass
	1882.5	50	0	8.47	<=13	Pass
	1910	50	0	8.45	<=13	Pass
64QAM	1855	50	0	8.47	<=13	Pass
	1882.5	50	0	8.46	<=13	Pass
	1910	50	0	8.47	<=13	Pass
256QAM	1855	50	0	8.47	<=13	Pass
	1882.5	50	0	8.48	<=13	Pass
	1910	50	0	8.46	<=13	Pass



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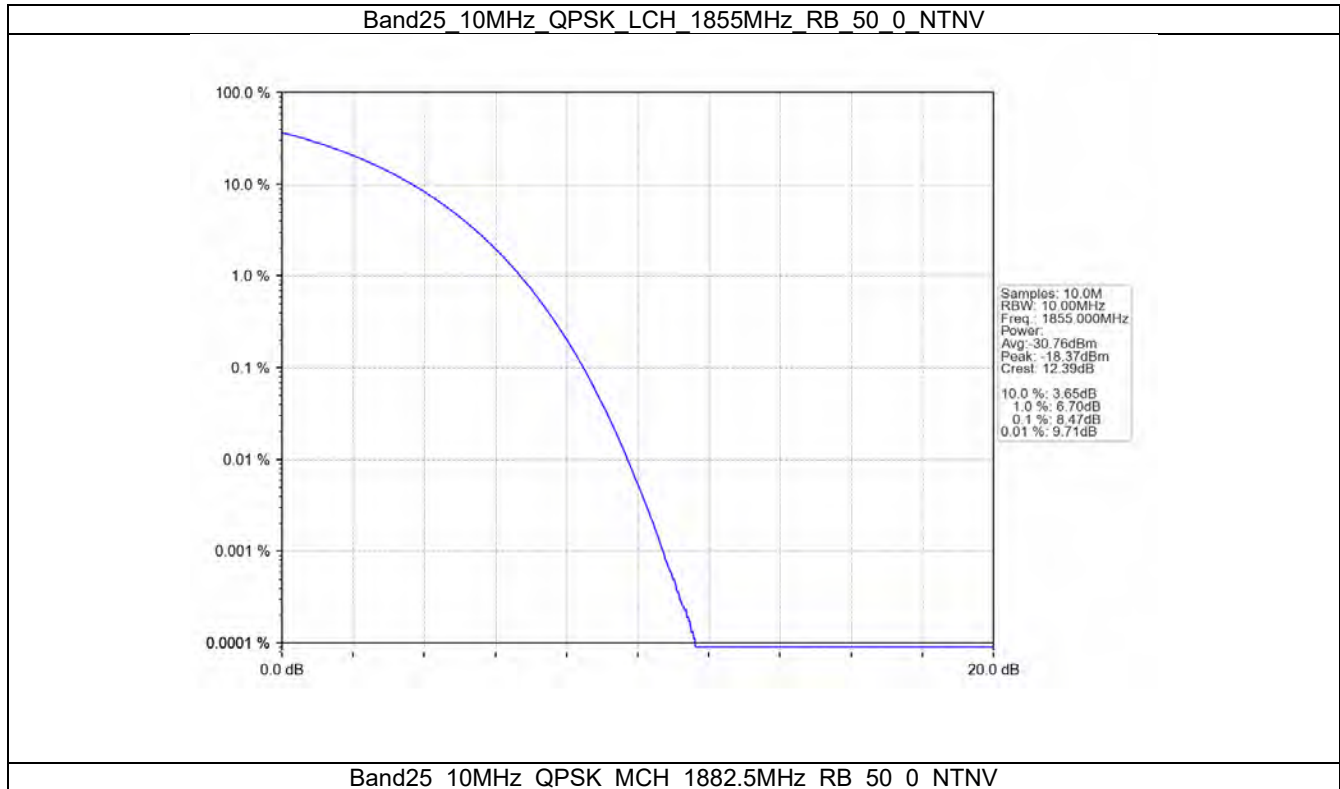
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5.4.2 Test Graph



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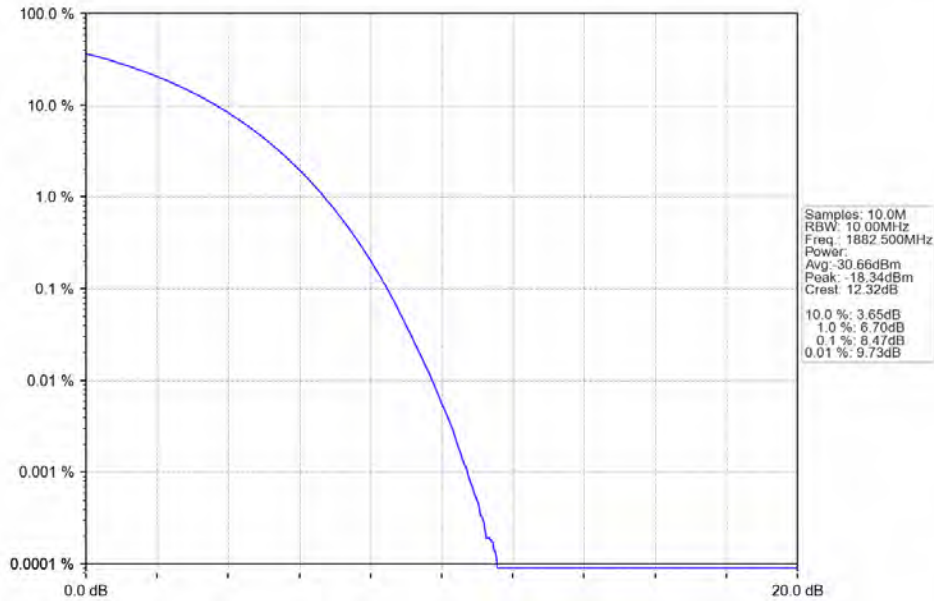
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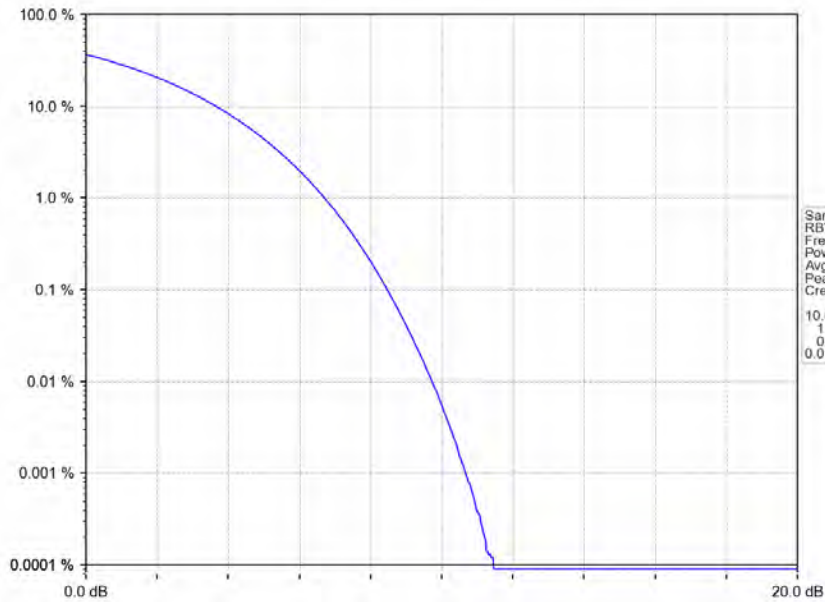
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Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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