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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	27.5	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.4	27.27	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.26	27.13	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.12	25.99	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.35	27.22	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.39	27.26	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.56	27.43	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.61	26.48	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.46	27.33	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.45	27.32	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.46	27.33	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.61	26.48	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.58	26.45	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.62	26.49	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.53	26.4	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.43	25.3	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.71	26.58	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.83	26.7	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.79	26.66	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.68	25.55	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.48	26.35	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	23.01	26.88	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.71	26.58	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.65	25.52	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	22.56	26.43	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	21.35	25.22	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	21.56	25.43	33	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	20.68	24.55	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	21.53	25.4	33	PASS



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Band25	1.4MHz	64QAM	26365	1RB#2	22.32	26.19	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	21.71	25.58	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	20.75	24.62	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	21.5	25.37	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	21.49	25.36	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	21.71	25.58	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	20.53	24.4	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#0	18.45	22.32	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#2	18.56	22.43	33	PASS
Band25	1.4MHz	256QAM	26047	1RB#5	18.42	22.29	33	PASS
Band25	1.4MHz	256QAM	26047	6RB#0	18.57	22.44	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#0	18.37	22.24	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#2	18.34	22.21	33	PASS
Band25	1.4MHz	256QAM	26365	1RB#5	18.69	22.56	33	PASS
Band25	1.4MHz	256QAM	26365	6RB#0	18.53	22.4	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#0	18.26	22.13	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#2	18.58	22.45	33	PASS
Band25	1.4MHz	256QAM	26683	1RB#5	18.46	22.33	33	PASS
Band25	1.4MHz	256QAM	26683	6RB#0	18.61	22.48	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.58	27.45	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.49	27.36	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.34	27.21	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.51	26.38	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.62	27.49	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.54	27.41	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.55	27.42	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.53	26.4	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.35	27.22	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.45	27.32	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.43	27.3	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.57	26.44	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.67	26.54	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.65	26.52	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.54	26.41	33	PASS



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Band25	3MHz	16QAM	26055	15RB#0	21.59	25.46	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.59	26.46	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.86	26.73	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.64	26.51	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.6	25.47	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.47	26.34	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.86	26.73	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.78	26.65	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.56	25.43	33	PASS
Band25	3MHz	64QAM	26055	1RB#0	22.64	26.51	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	21.54	25.41	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	21.56	25.43	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	20.63	24.5	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	21.6	25.47	33	PASS
Band25	3MHz	64QAM	26365	1RB#8	22.24	26.11	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	21.71	25.58	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	20.51	24.38	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	21.56	25.43	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	21.74	25.61	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	21.69	25.56	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	20.54	24.41	33	PASS
Band25	3MHz	256QAM	26055	1RB#0	18.51	22.38	33	PASS
Band25	3MHz	256QAM	26055	1RB#8	18.59	22.46	33	PASS
Band25	3MHz	256QAM	26055	1RB#14	18.62	22.49	33	PASS
Band25	3MHz	256QAM	26055	15RB#0	18.53	22.4	33	PASS
Band25	3MHz	256QAM	26365	1RB#0	18.5	22.37	33	PASS
Band25	3MHz	256QAM	26365	1RB#8	18.66	22.53	33	PASS
Band25	3MHz	256QAM	26365	1RB#14	18.65	22.52	33	PASS
Band25	3MHz	256QAM	26365	15RB#0	18.54	22.41	33	PASS
Band25	3MHz	256QAM	26675	1RB#0	18.43	22.3	33	PASS
Band25	3MHz	256QAM	26675	1RB#8	18.64	22.51	33	PASS
Band25	3MHz	256QAM	26675	1RB#14	18.51	22.38	33	PASS
Band25	3MHz	256QAM	26675	15RB#0	18.5	22.37	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.48	27.35	33	PASS



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Band25	5MHz	QPSK	26065	1RB#24	23.48	27.35	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.59	26.46	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.56	27.43	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.72	27.59	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.59	27.46	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.51	26.38	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.37	27.24	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.52	27.39	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.58	27.45	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.56	26.43	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.63	26.5	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.64	26.51	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.66	26.53	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.61	25.48	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.65	26.52	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.87	26.74	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.81	26.68	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.67	25.54	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.65	26.52	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.8	26.67	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.72	26.59	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.54	25.41	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	21.49	25.36	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	21.79	25.66	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	21.7	25.57	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	20.66	24.53	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	21.74	25.61	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	21.69	25.56	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	21.74	25.61	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	20.62	24.49	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	21.97	25.84	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	21.92	25.79	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	21.78	25.65	33	PASS



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Band25	5MHz	256QAM	26065	1RB#0	18.59	22.46	33	PASS
Band25	5MHz	256QAM	26065	1RB#12	18.73	22.6	33	PASS
Band25	5MHz	256QAM	26065	1RB#24	18.67	22.54	33	PASS
Band25	5MHz	256QAM	26065	25RB#0	18.59	22.46	33	PASS
Band25	5MHz	256QAM	26365	1RB#0	18.6	22.47	33	PASS
Band25	5MHz	256QAM	26365	1RB#12	18.74	22.61	33	PASS
Band25	5MHz	256QAM	26365	1RB#24	18.71	22.58	33	PASS
Band25	5MHz	256QAM	26365	25RB#0	18.53	22.4	33	PASS
Band25	5MHz	256QAM	26665	1RB#0	18.72	22.59	33	PASS
Band25	5MHz	256QAM	26665	1RB#12	18.74	22.61	33	PASS
Band25	5MHz	256QAM	26665	1RB#24	18.38	22.25	33	PASS
Band25	5MHz	256QAM	26665	25RB#0	18.63	22.5	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.54	27.41	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.78	27.65	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.49	27.36	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.69	26.56	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.73	27.6	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.75	27.62	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.67	27.54	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.6	26.47	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.56	27.43	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.69	27.56	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.6	27.47	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.72	26.59	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.72	26.59	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.69	26.56	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.78	26.65	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.68	25.55	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.67	26.54	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.95	26.82	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	23.07	26.94	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.69	25.56	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.7	26.57	33	PASS



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Band25	10MHz	16QAM	26640	1RB#24	22.76	26.63	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.68	26.55	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.74	25.61	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	21.75	25.62	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	21.8	25.67	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	22.03	25.9	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	20.7	24.57	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	21.79	25.66	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	21.87	25.74	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	21.9	25.77	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	20.67	24.54	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	21.65	25.52	33	PASS
Band25	10MHz	64QAM	26640	1RB#24	21.92	25.79	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	21.86	25.73	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	20.68	24.55	33	PASS
Band25	10MHz	256QAM	26090	1RB#0	18.62	22.49	33	PASS
Band25	10MHz	256QAM	26090	1RB#24	18.72	22.59	33	PASS
Band25	10MHz	256QAM	26090	1RB#49	18.79	22.66	33	PASS
Band25	10MHz	256QAM	26090	50RB#0	18.66	22.53	33	PASS
Band25	10MHz	256QAM	26365	1RB#0	18.53	22.4	33	PASS
Band25	10MHz	256QAM	26365	1RB#24	18.9	22.77	33	PASS
Band25	10MHz	256QAM	26365	1RB#49	18.82	22.69	33	PASS
Band25	10MHz	256QAM	26365	50RB#0	18.79	22.66	33	PASS
Band25	10MHz	256QAM	26640	1RB#0	18.76	22.63	33	PASS
Band25	10MHz	256QAM	26640	1RB#24	18.75	22.62	33	PASS
Band25	10MHz	256QAM	26640	1RB#49	18.75	22.62	33	PASS
Band25	10MHz	256QAM	26640	50RB#0	18.79	22.66	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.41	27.28	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.44	27.31	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.41	27.28	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.6	26.47	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.66	27.53	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.55	27.42	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.43	27.3	33	PASS



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Band25	15MHz	QPSK	26365	75RB#0	22.63	26.5	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.69	27.56	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.85	27.72	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.4	27.27	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.65	26.52	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.6	26.47	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.48	26.35	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.47	26.34	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.62	25.49	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.54	26.41	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.93	26.8	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.6	26.47	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.57	25.44	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.58	26.45	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.65	26.52	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.69	26.56	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.61	25.48	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	21.64	25.51	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	21.74	25.61	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	21.69	25.56	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	20.6	24.47	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	21.6	25.47	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	21.68	25.55	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	21.65	25.52	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	20.63	24.5	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	21.66	25.53	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	21.64	25.51	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	21.48	25.35	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	20.63	24.5	33	PASS
Band25	15MHz	256QAM	26115	1RB#0	18.47	22.34	33	PASS
Band25	15MHz	256QAM	26115	1RB#38	18.63	22.5	33	PASS
Band25	15MHz	256QAM	26115	1RB#74	18.65	22.52	33	PASS
Band25	15MHz	256QAM	26115	75RB#0	18.56	22.43	33	PASS
Band25	15MHz	256QAM	26365	1RB#0	18.56	22.43	33	PASS



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Band25	15MHz	256QAM	26365	1RB#38	18.72	22.59	33	PASS
Band25	15MHz	256QAM	26365	1RB#74	18.75	22.62	33	PASS
Band25	15MHz	256QAM	26365	75RB#0	18.56	22.43	33	PASS
Band25	15MHz	256QAM	26615	1RB#0	18.54	22.41	33	PASS
Band25	15MHz	256QAM	26615	1RB#38	18.56	22.43	33	PASS
Band25	15MHz	256QAM	26615	1RB#74	18.64	22.51	33	PASS
Band25	15MHz	256QAM	26615	75RB#0	18.56	22.43	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.3	27.17	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.42	27.29	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.44	27.31	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.62	26.49	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.54	27.41	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.76	27.63	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.48	27.35	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.6	26.47	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.75	27.62	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.53	27.4	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.39	27.26	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.66	26.53	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.43	26.3	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.64	26.51	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.55	26.42	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.55	25.42	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.48	26.35	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.66	26.53	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.73	26.6	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.58	25.45	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.4	26.27	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.65	26.52	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.53	26.4	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.65	25.52	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	21.59	25.46	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	21.74	25.61	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	21.7	25.57	33	PASS



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Band25	20MHz	64QAM	26140	100RB#0	20.65	24.52	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	21.57	25.44	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	21.89	25.76	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	21.7	25.57	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	20.65	24.52	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	21.58	25.45	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	21.68	25.55	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	21.72	25.59	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	20.65	24.52	33	PASS
Band25	20MHz	256QAM	26140	1RB#0	18.53	22.4	33	PASS
Band25	20MHz	256QAM	26140	1RB#49	18.72	22.59	33	PASS
Band25	20MHz	256QAM	26140	1RB#99	18.61	22.48	33	PASS
Band25	20MHz	256QAM	26140	100RB#0	18.57	22.44	33	PASS
Band25	20MHz	256QAM	26365	1RB#0	18.47	22.34	33	PASS
Band25	20MHz	256QAM	26365	1RB#49	18.61	22.48	33	PASS
Band25	20MHz	256QAM	26365	1RB#99	18.86	22.73	33	PASS
Band25	20MHz	256QAM	26365	100RB#0	18.55	22.42	33	PASS
Band25	20MHz	256QAM	26590	1RB#0	18.6	22.47	33	PASS
Band25	20MHz	256QAM	26590	1RB#49	18.6	22.47	33	PASS
Band25	20MHz	256QAM	26590	1RB#99	18.92	22.79	33	PASS
Band25	20MHz	256QAM	26590	100RB#0	18.59	22.46	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

For report SUCR240400009001:

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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Report No.: SUCR240400008901
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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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For report SUCR240400008901:

Test Band = LTE_25_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	3472.5	47.65	-44.33	28.99	-62.95	-13.00	49.95	Horizontal
2	5091	46.82	-42.38	31.52	-59.30	-13.00	46.30	Horizontal
3	7415	43.73	-37.92	36.73	-52.72	-13.00	39.72	Horizontal
4	10391	42.83	-34.57	39.19	-47.81	-13.00	34.81	Horizontal
5	13119	42.94	-33.38	39.50	-46.20	-13.00	33.20	Horizontal
6	16902	40.28	-31.93	40.22	-46.69	-13.00	33.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702	49.18	-44.19	29.31	-60.96	-13.00	47.96	Vertical
2	5503	45.34	-41.45	32.39	-58.98	-13.00	45.98	Vertical
3	7404	58.72	-37.99	36.71	-37.82	-13.00	24.82	Vertical
4	11026.5	42.33	-34.07	40.13	-46.87	-13.00	33.87	Vertical
5	14798.5	41.37	-32.56	41.60	-44.85	-13.00	31.85	Vertical
6	16914	40.73	-32.13	40.35	-46.31	-13.00	33.31	Vertical



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Test Band = LTE_25_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	3197.5	47.45	-43.89	28.42	-63.28	-13.00	50.28	Horizontal
2	5136.5	45.74	-42.24	31.72	-60.04	-13.00	47.04	Horizontal
3	7415.5	43.47	-37.92	36.73	-52.98	-13.00	39.98	Horizontal
4	11528.5	43.25	-34.58	40.23	-46.36	-13.00	33.36	Horizontal
5	14802.5	41.15	-32.50	41.59	-45.02	-13.00	32.02	Horizontal
6	17991	40.37	-39.76	48.04	-46.61	-13.00	33.61	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3747	48.62	-43.88	29.58	-60.94	-13.00	47.94	Vertical
2	5375.5	45.51	-41.82	32.35	-59.22	-13.00	46.22	Vertical
3	7494.5	61.05	-38.04	36.89	-35.36	-13.00	22.36	Vertical
4	11033	42.67	-34.13	40.13	-46.59	-13.00	33.59	Vertical
5	14803	41.14	-32.51	41.58	-45.05	-13.00	32.05	Vertical
6	17974	40.45	-39.75	47.73	-46.83	-13.00	33.83	Vertical



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Test Band = LTE_25_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	3792	47.44	-43.84	29.77	-61.89	-13.00	48.89	Horizontal
2	6082.5	44.97	-40.40	33.44	-57.25	-13.00	44.25	Horizontal
3	8840	42.23	-35.82	36.74	-52.11	-13.00	39.11	Horizontal
4	11502.5	43.37	-34.62	40.20	-46.31	-13.00	33.31	Horizontal
5	14801.5	41.42	-32.49	41.59	-44.74	-13.00	31.74	Horizontal
6	17997	40.37	-39.77	48.15	-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	3792	50.32	-43.84	29.77	-59.01	-13.00	46.01	Vertical
2	5395.5	45.26	-41.82	32.47	-59.35	-13.00	46.35	Vertical
3	7584.5	47.20	-38.07	36.68	-49.45	-13.00	36.45	Vertical
4	11008	42.52	-33.88	40.11	-46.51	-13.00	33.51	Vertical
5	14811	41.39	-32.57	41.53	-44.91	-13.00	31.91	Vertical
6	17992.5	40.38	-39.76	48.07	-46.57	-13.00	33.57	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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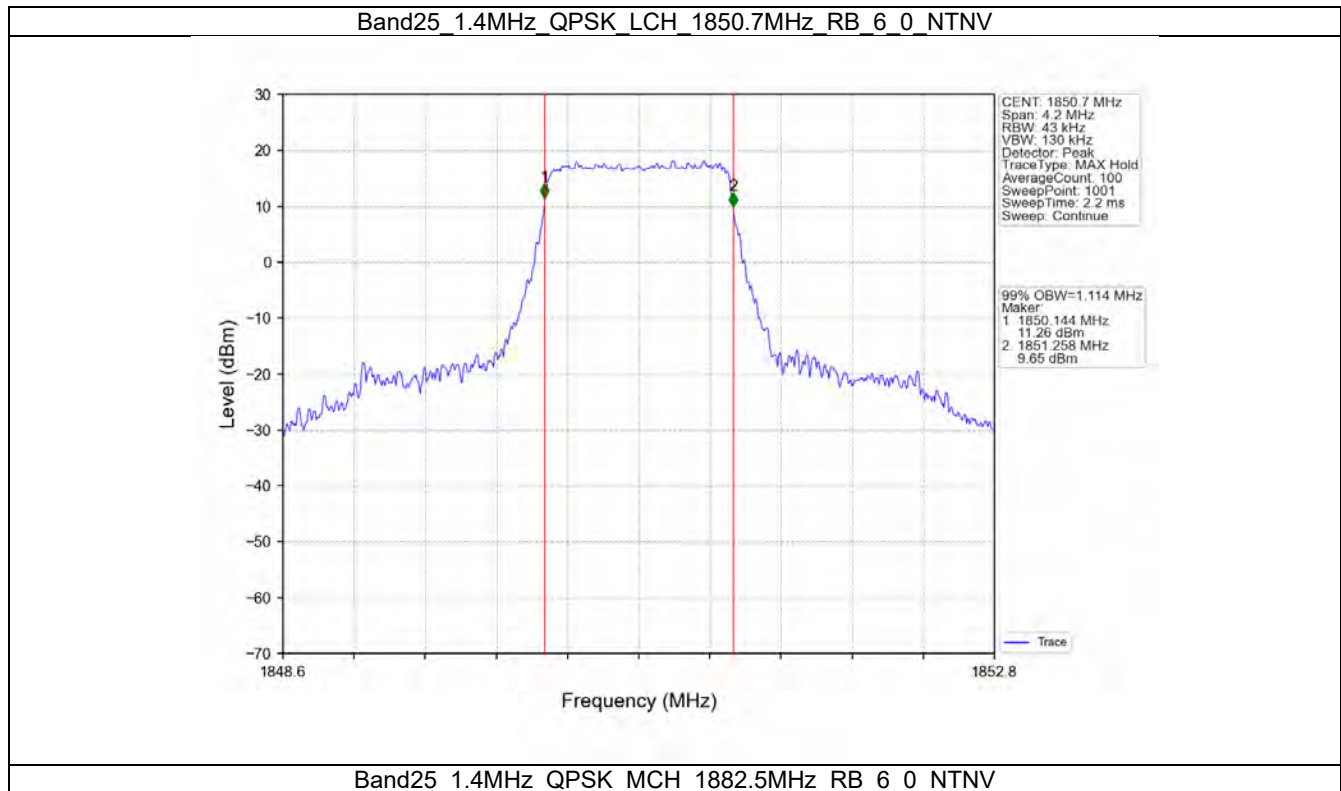
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4.1.2 Test Graph



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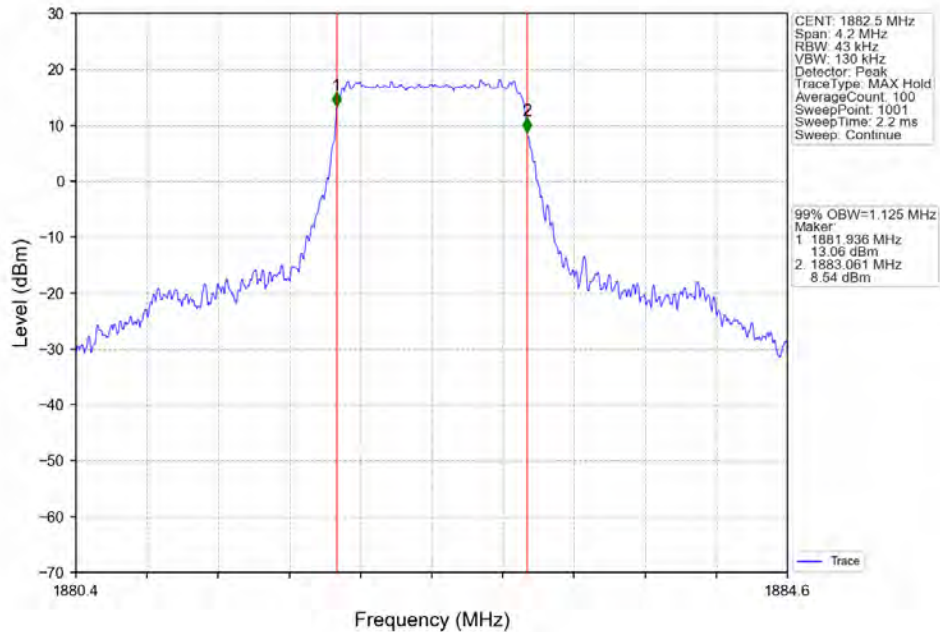
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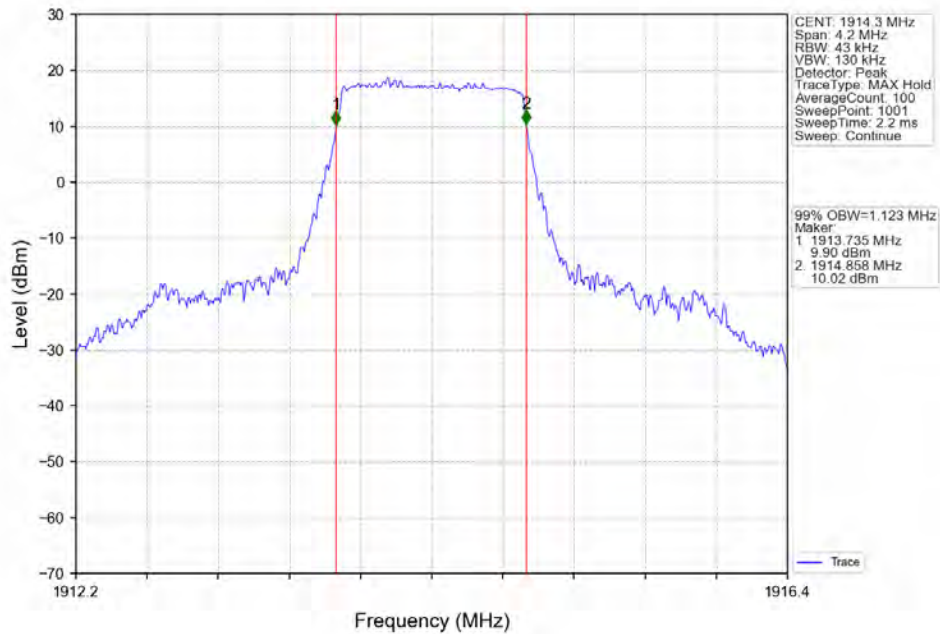
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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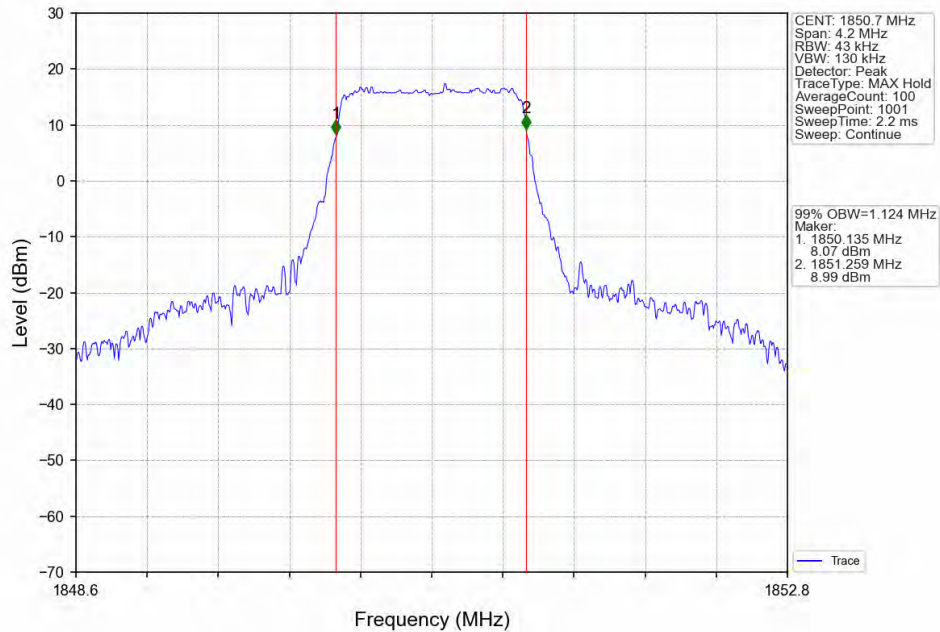
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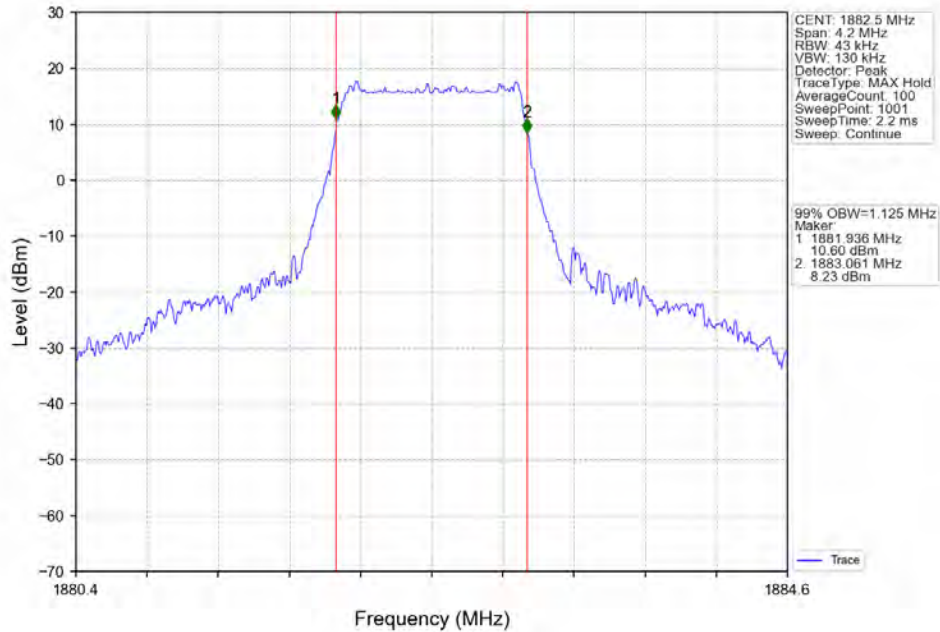
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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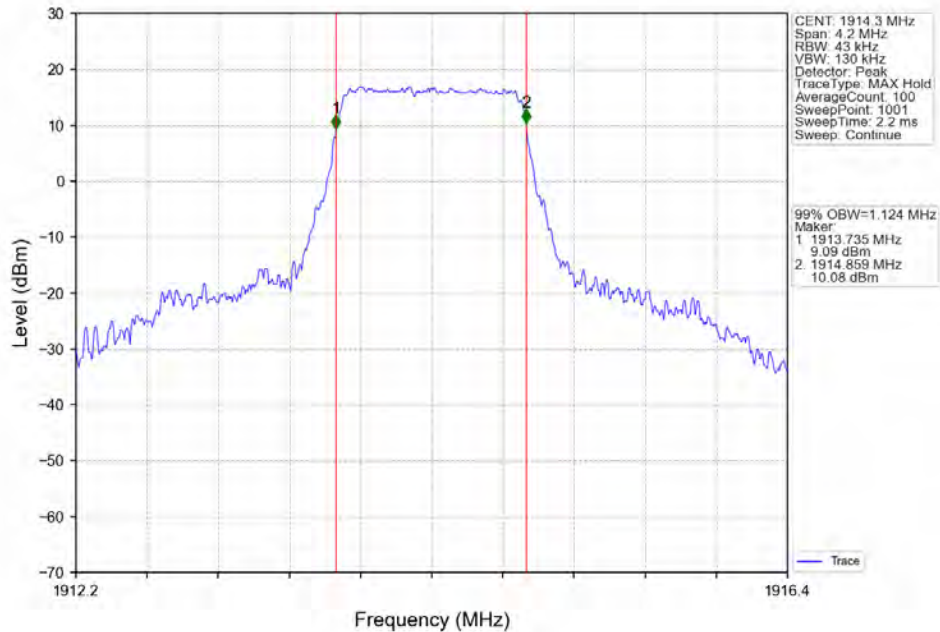
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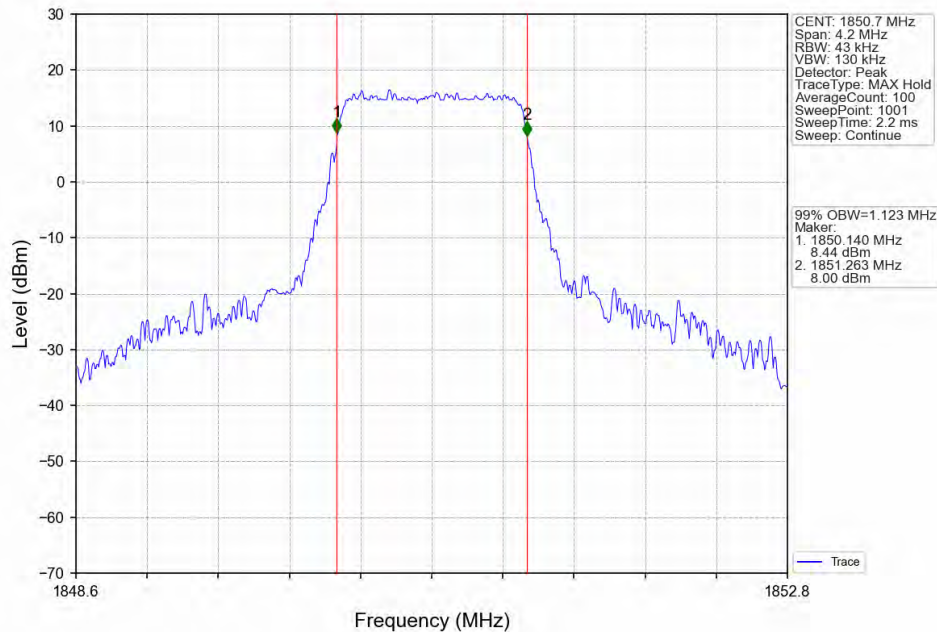
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Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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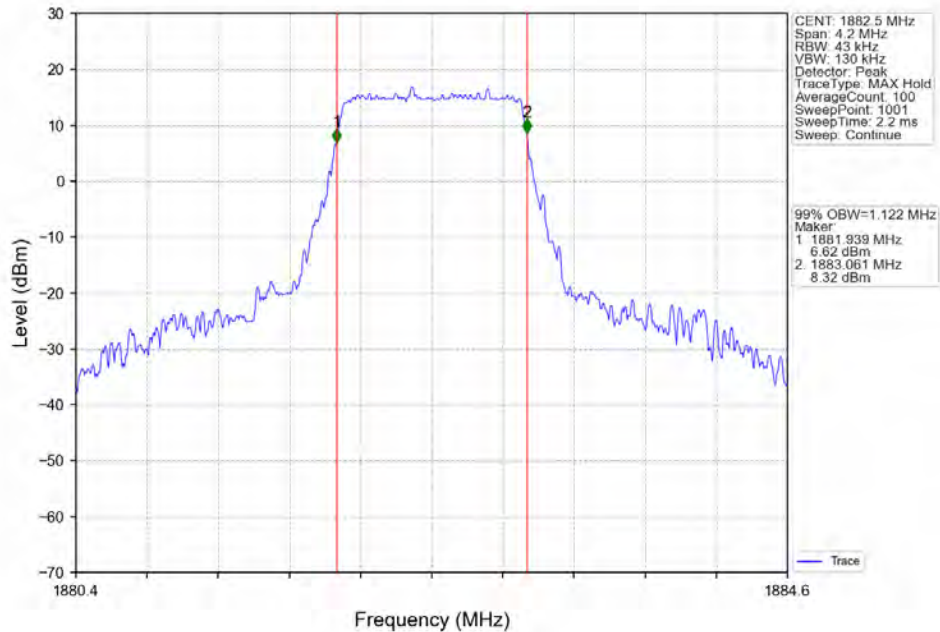
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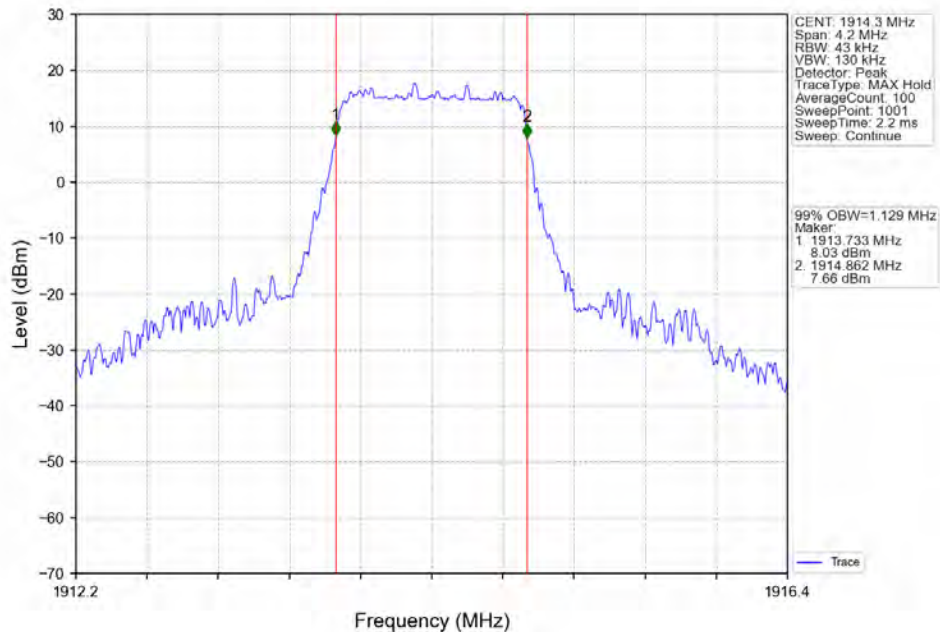
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Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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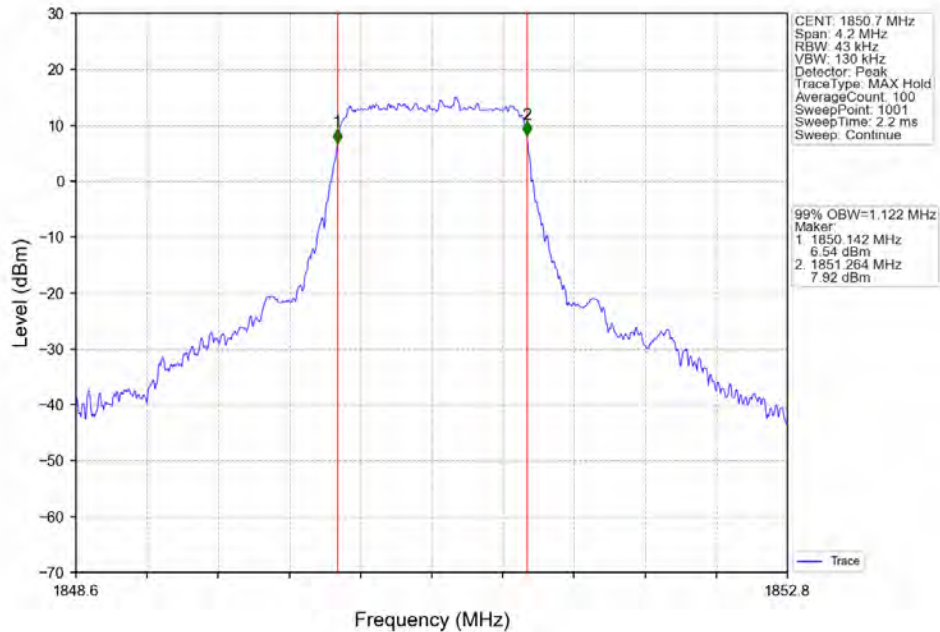
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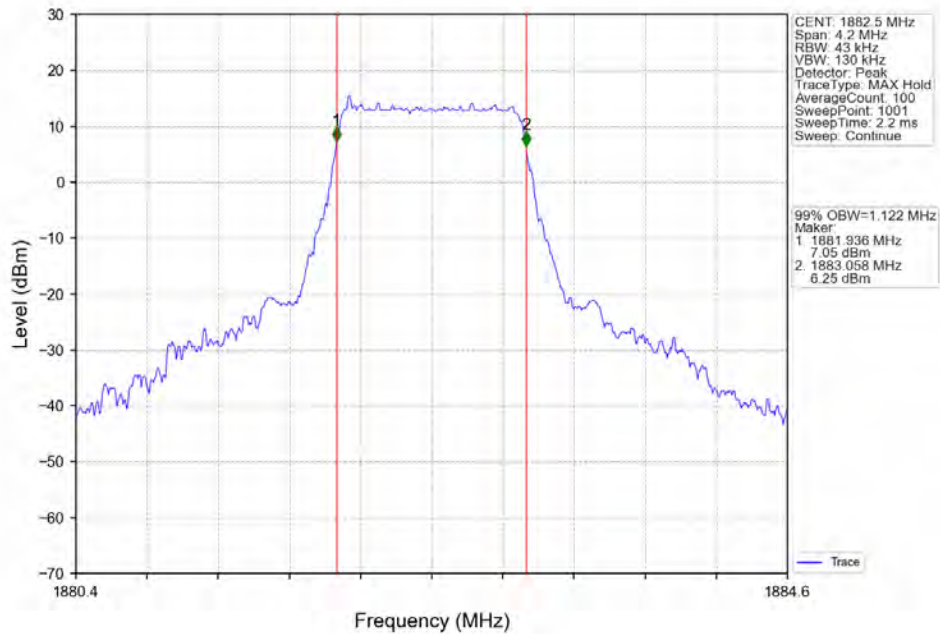
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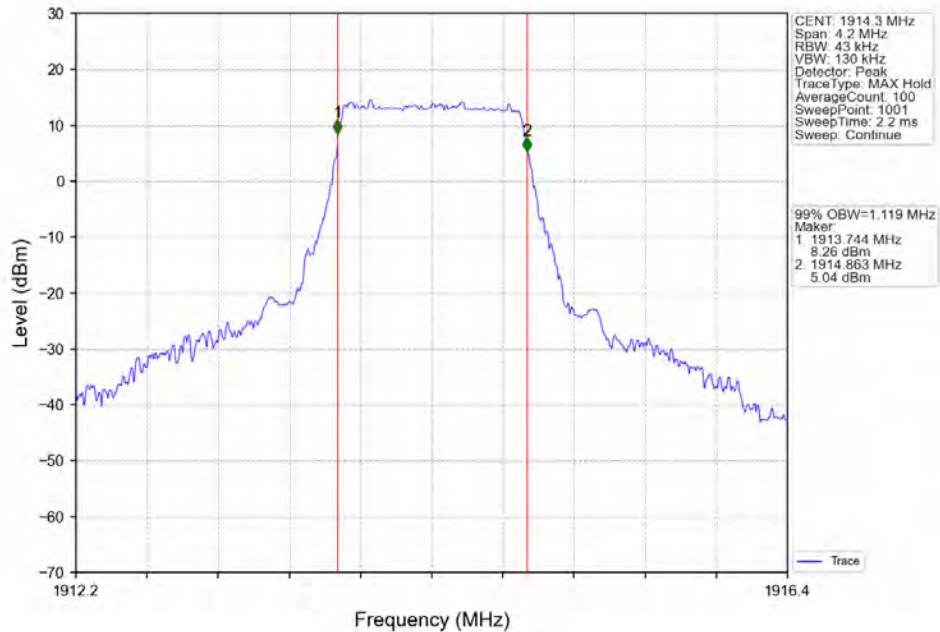
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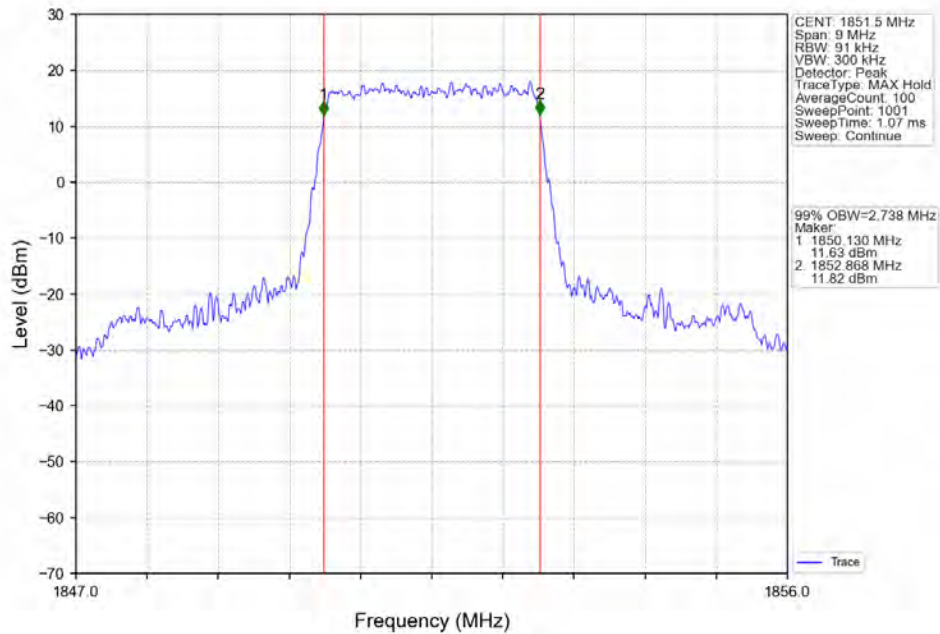
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



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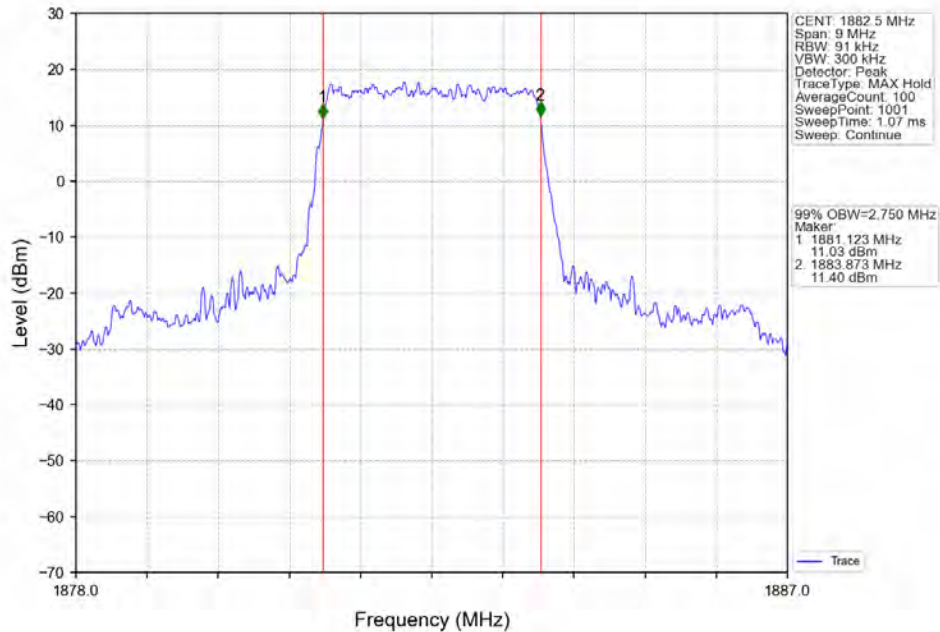
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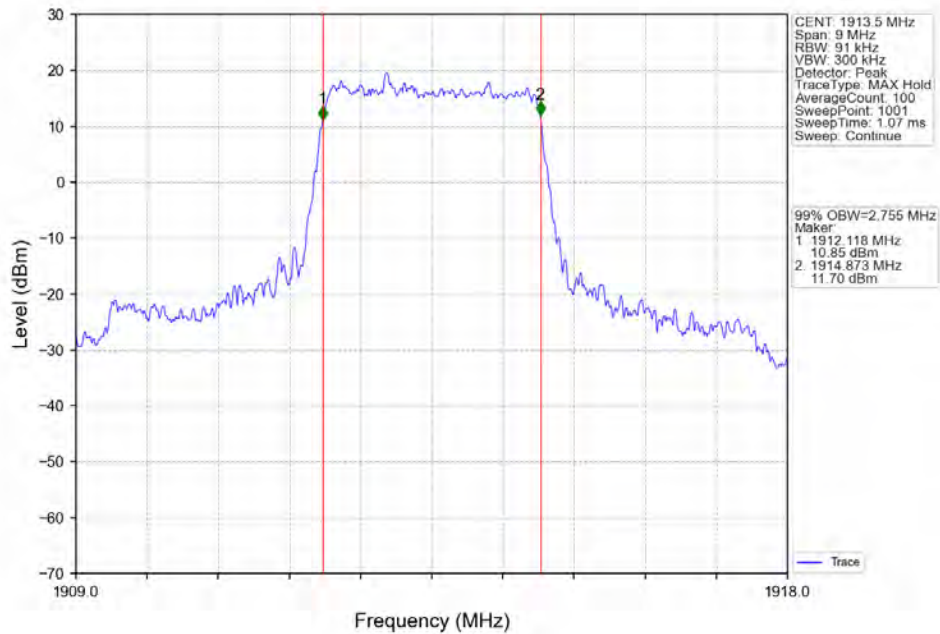
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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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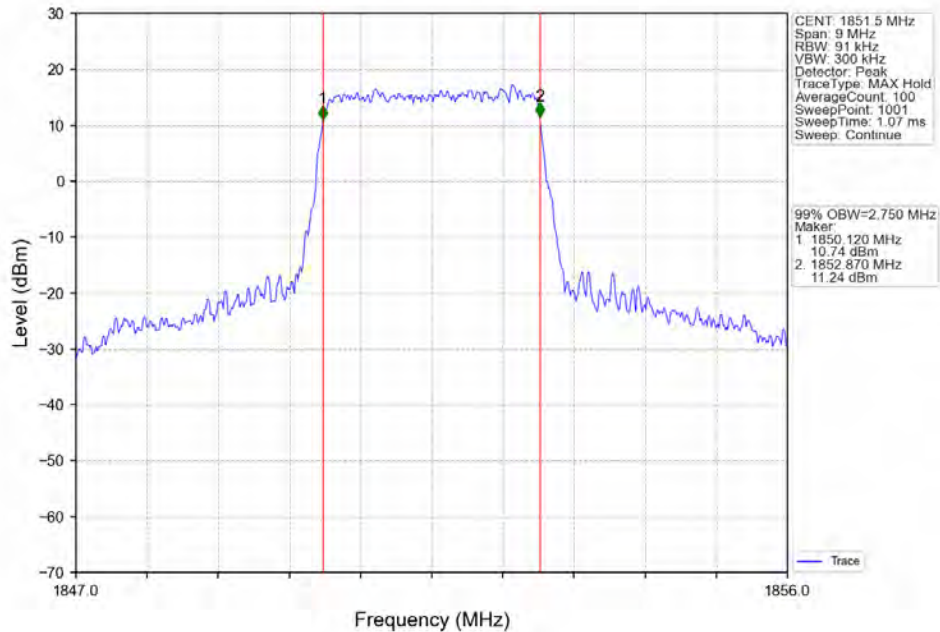
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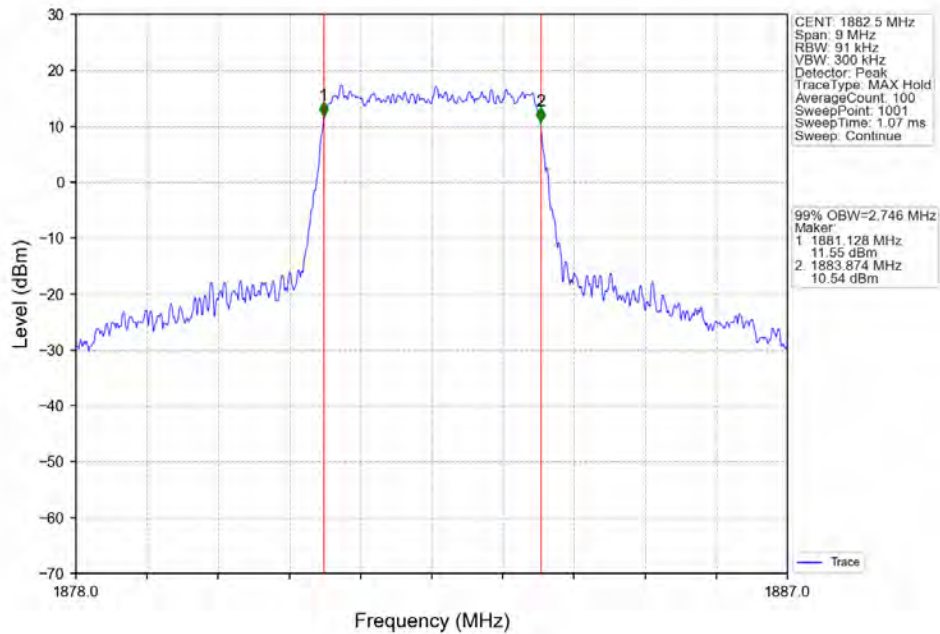
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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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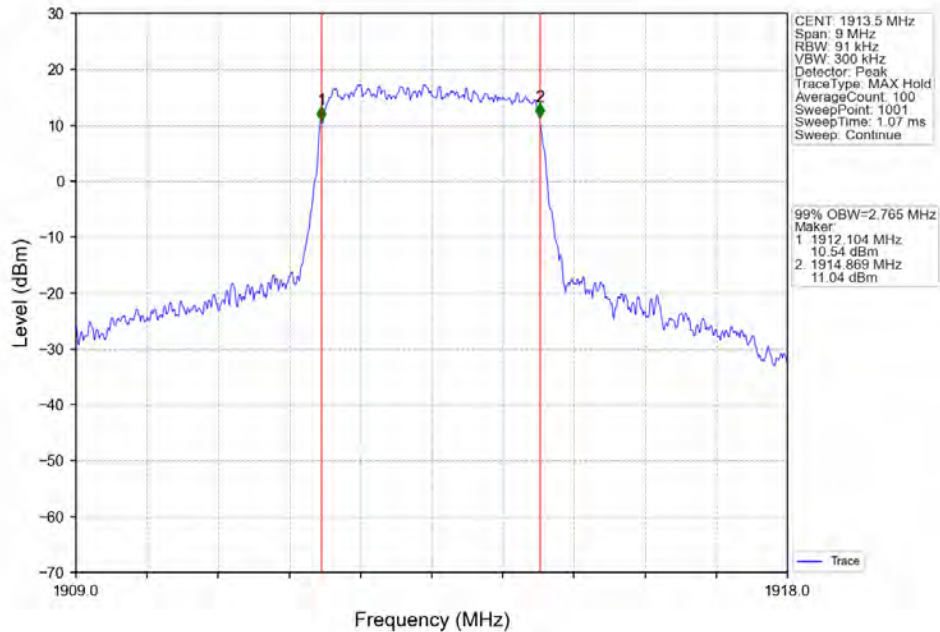
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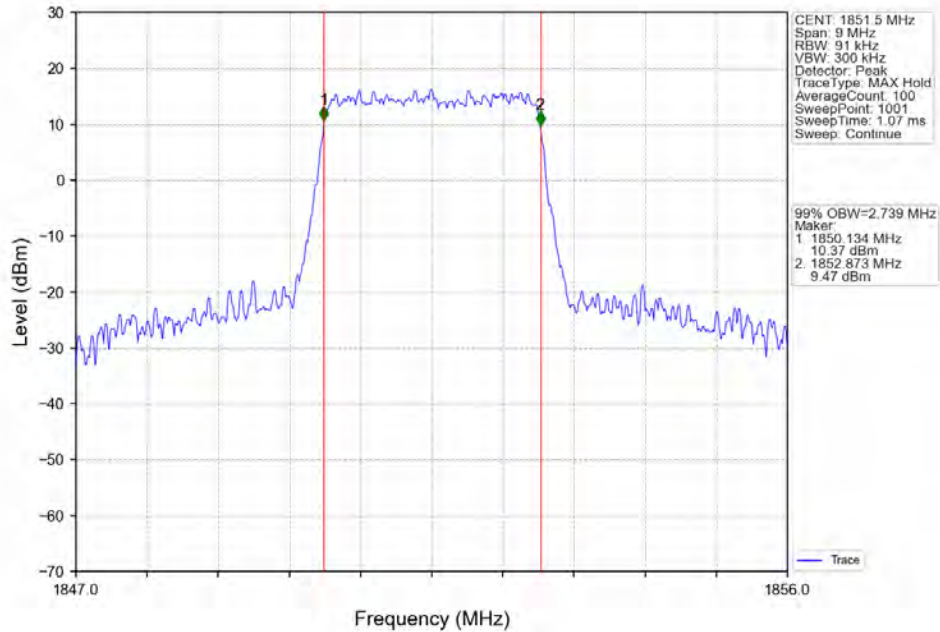
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Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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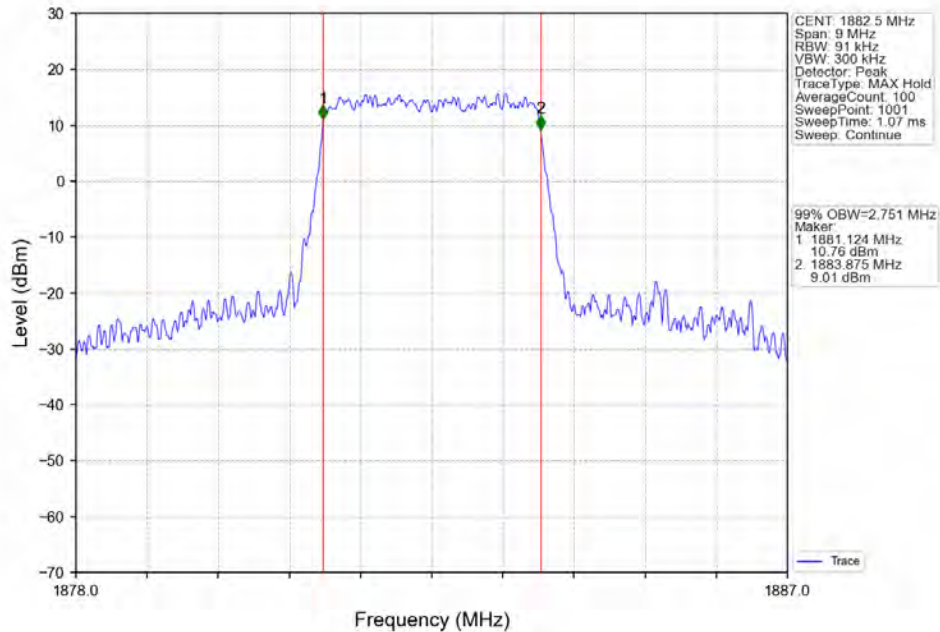
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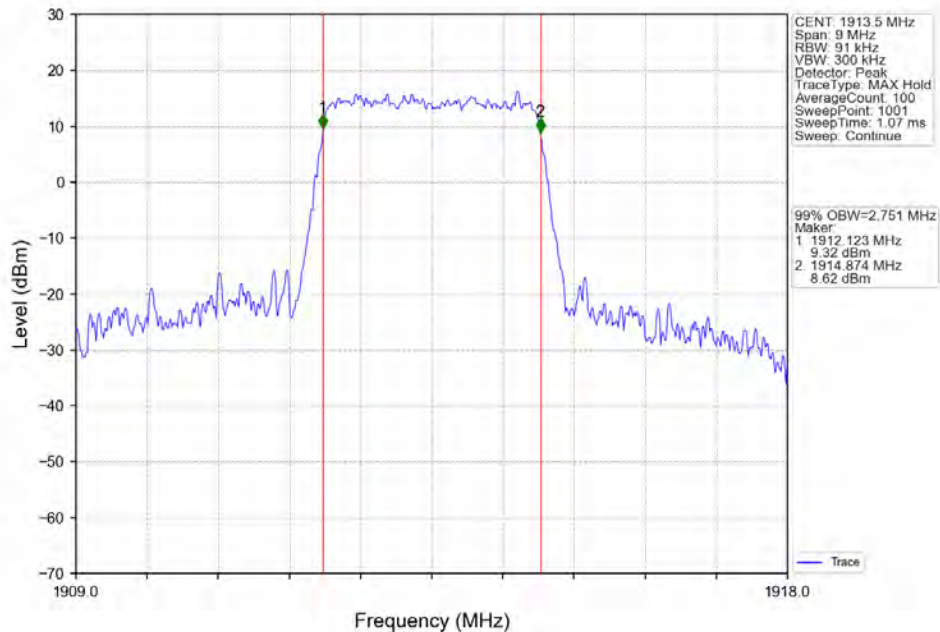
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Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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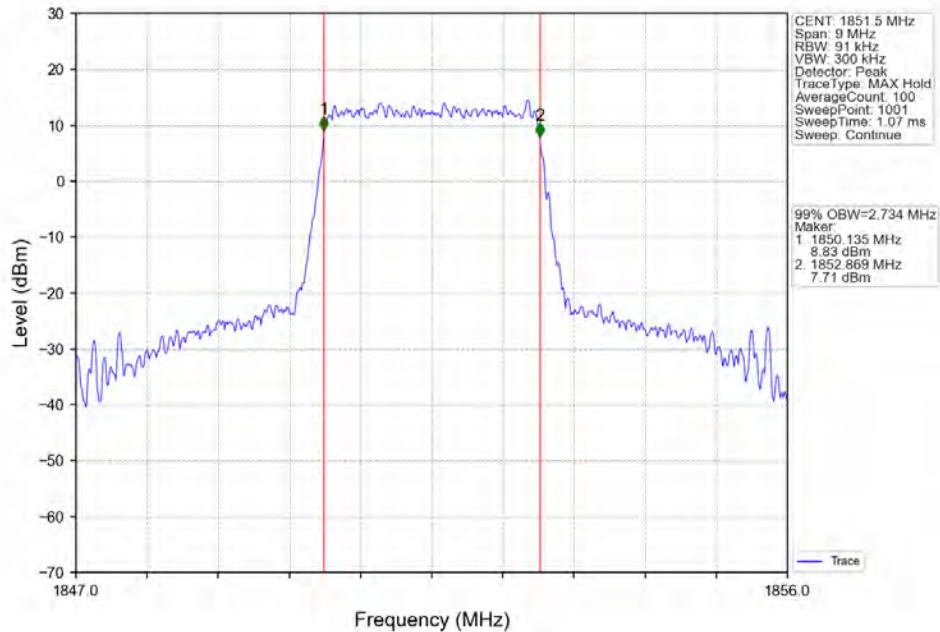
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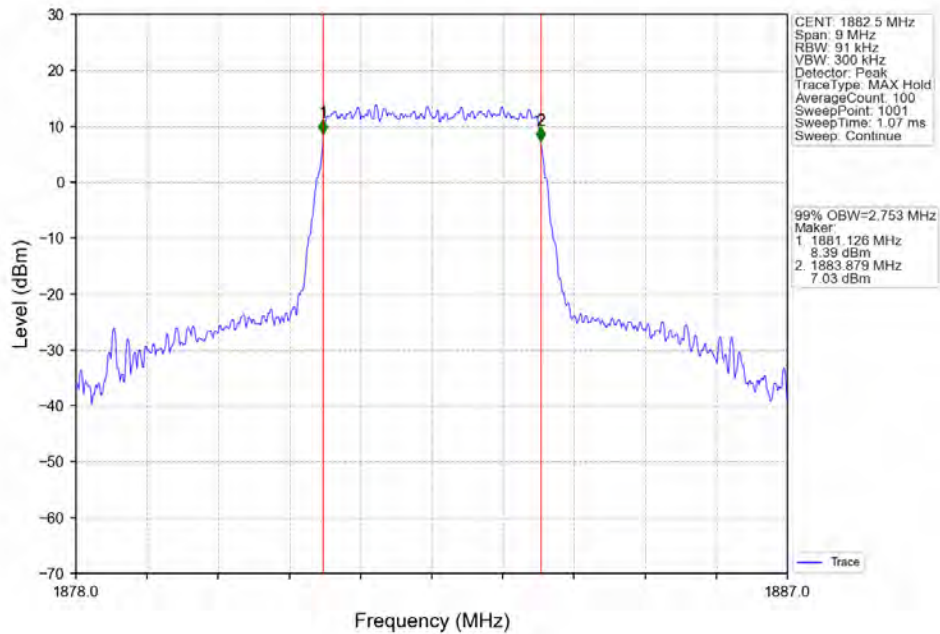
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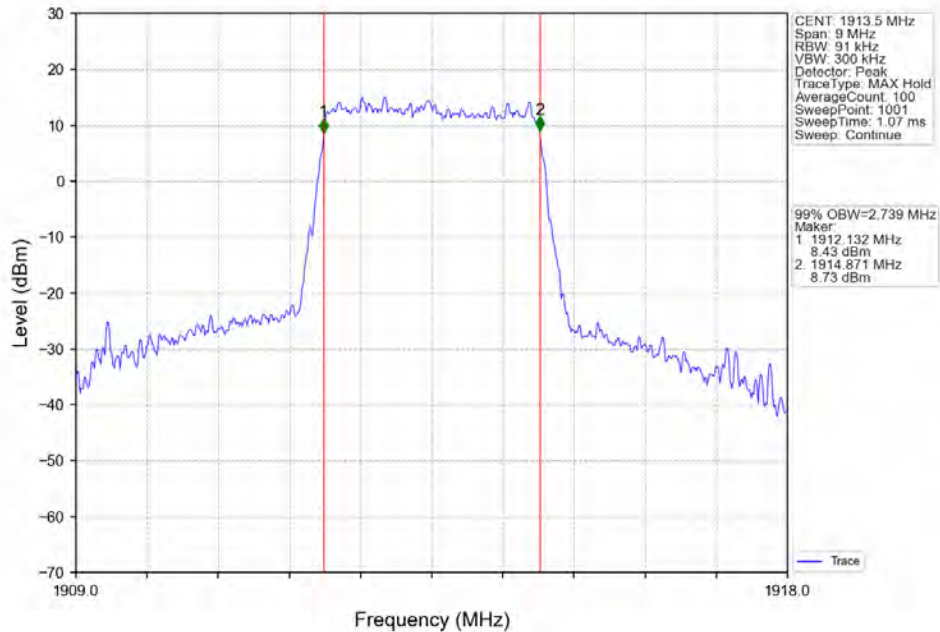
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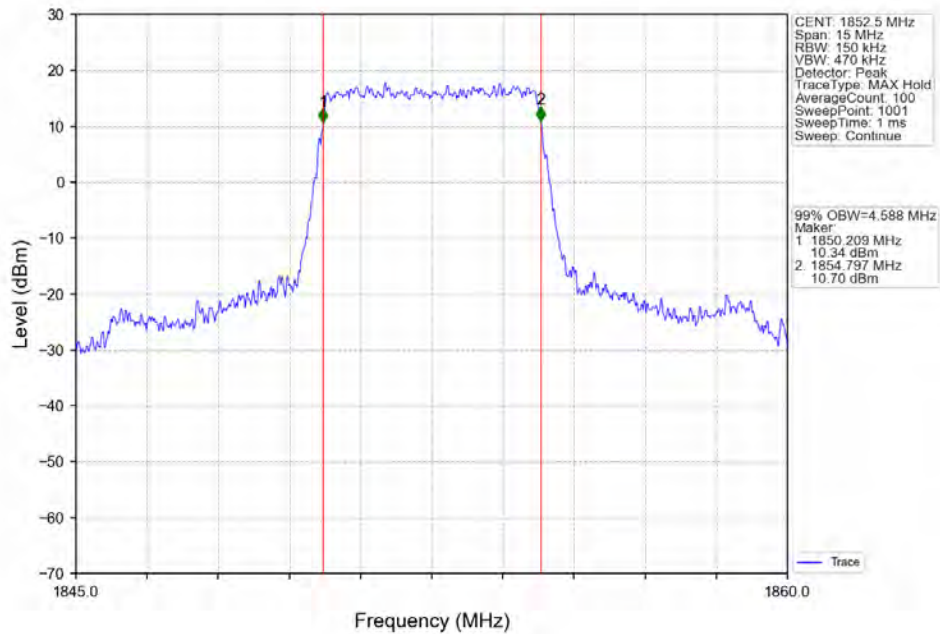
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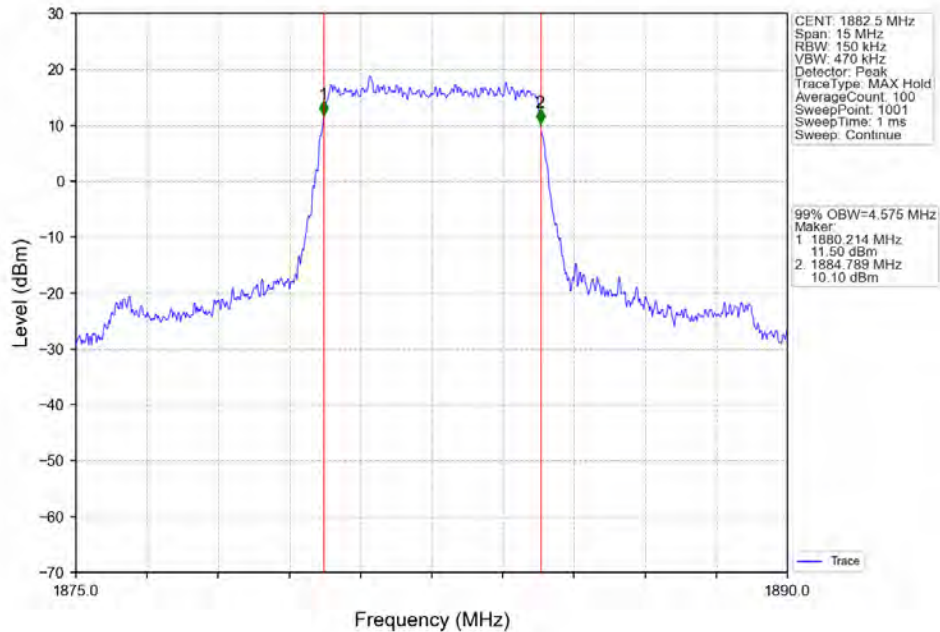
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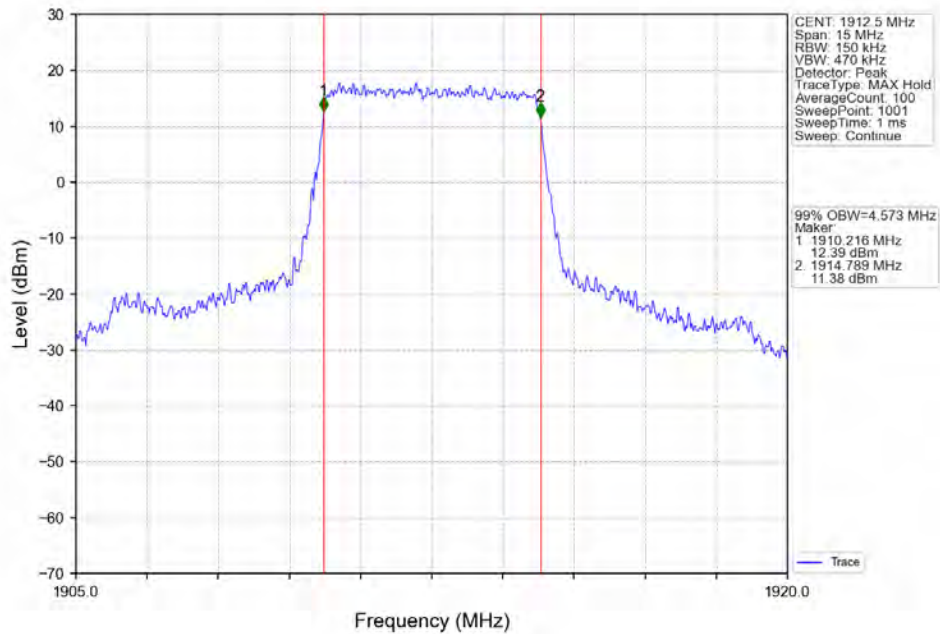
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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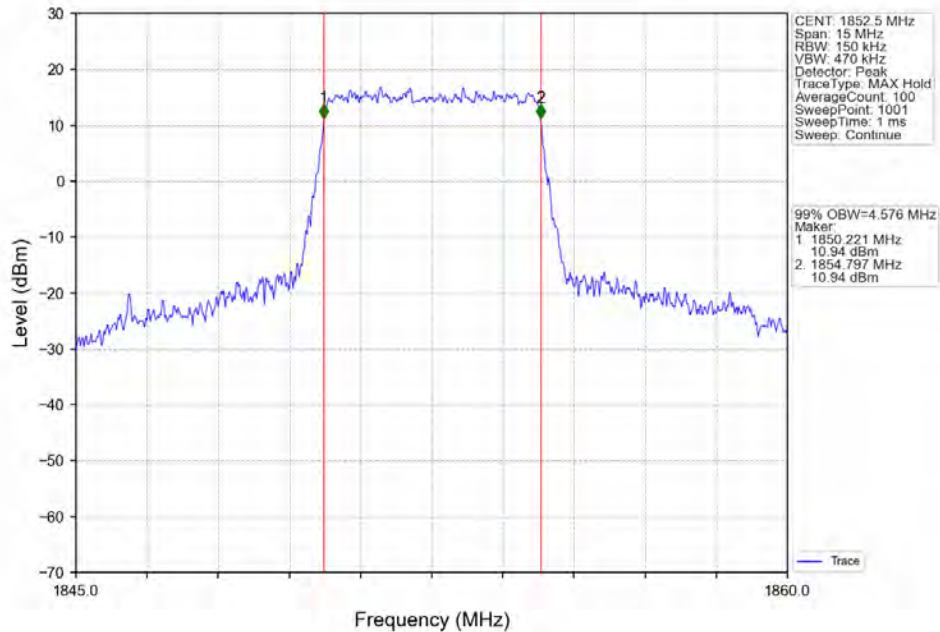
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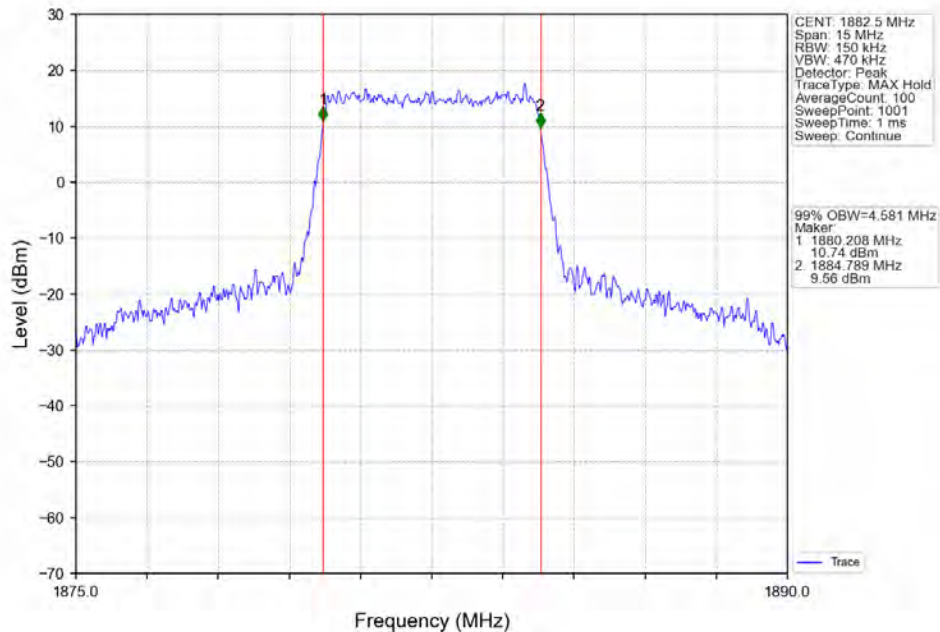
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Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



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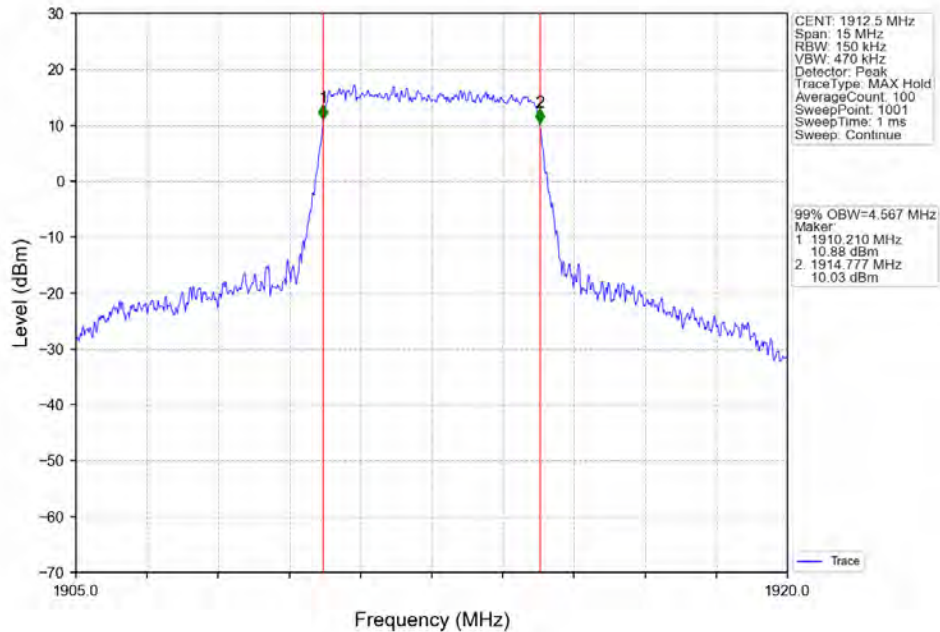
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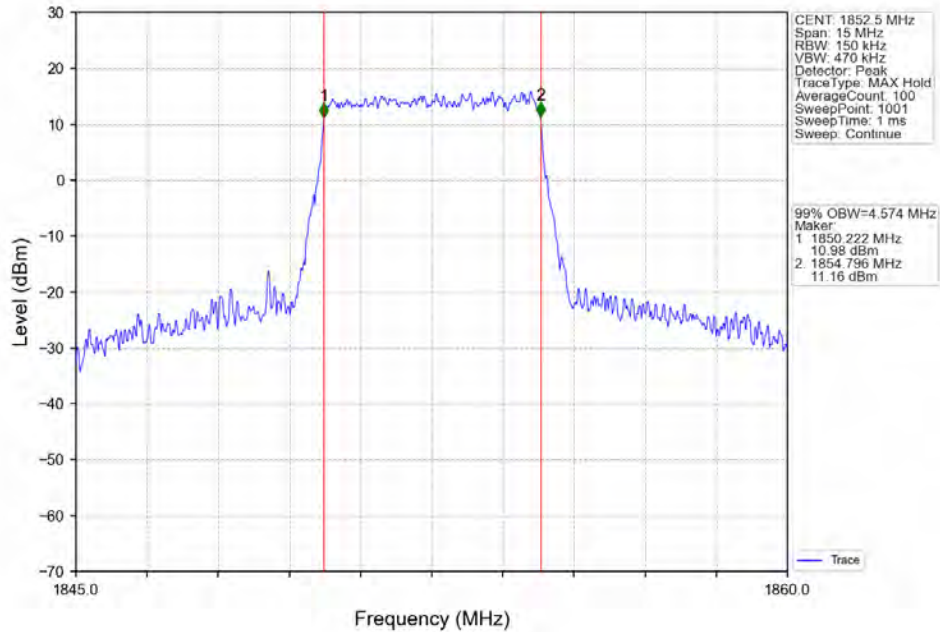
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Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



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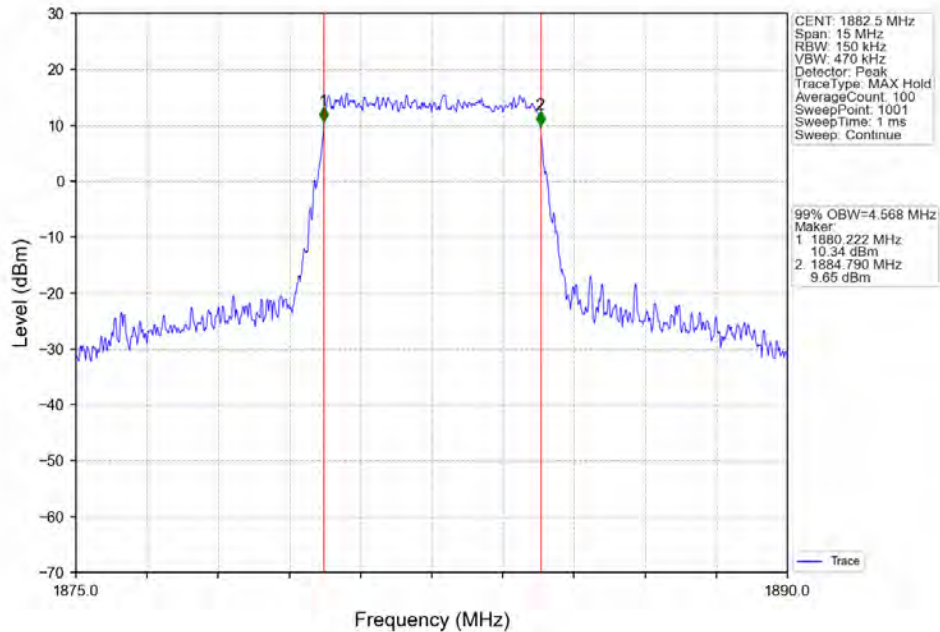
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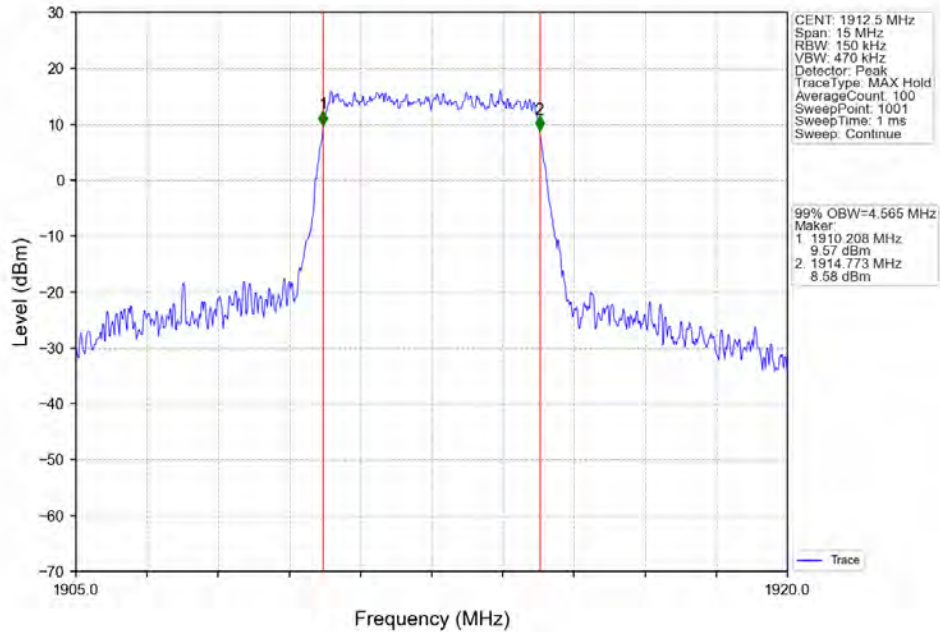
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Band25_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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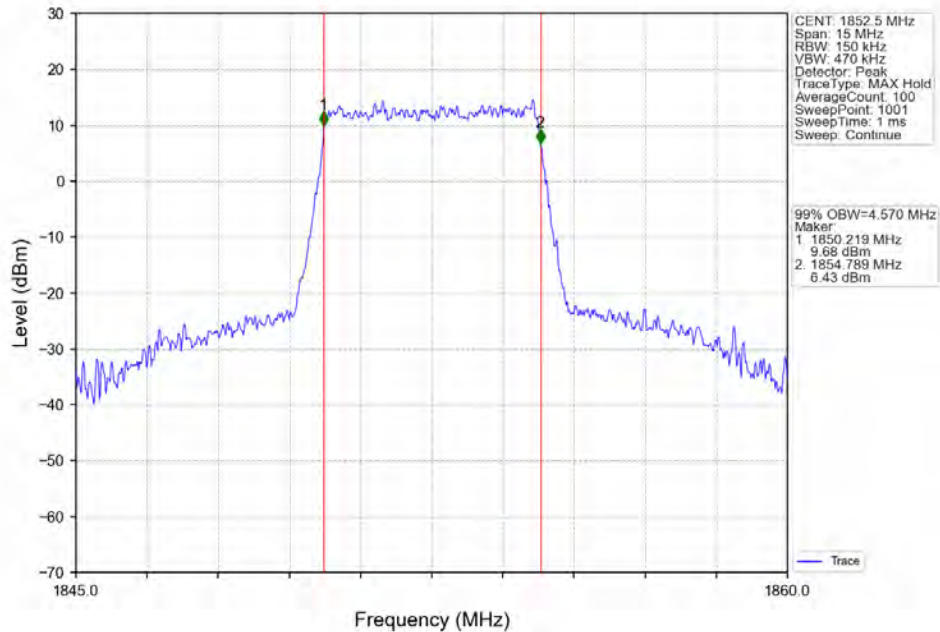
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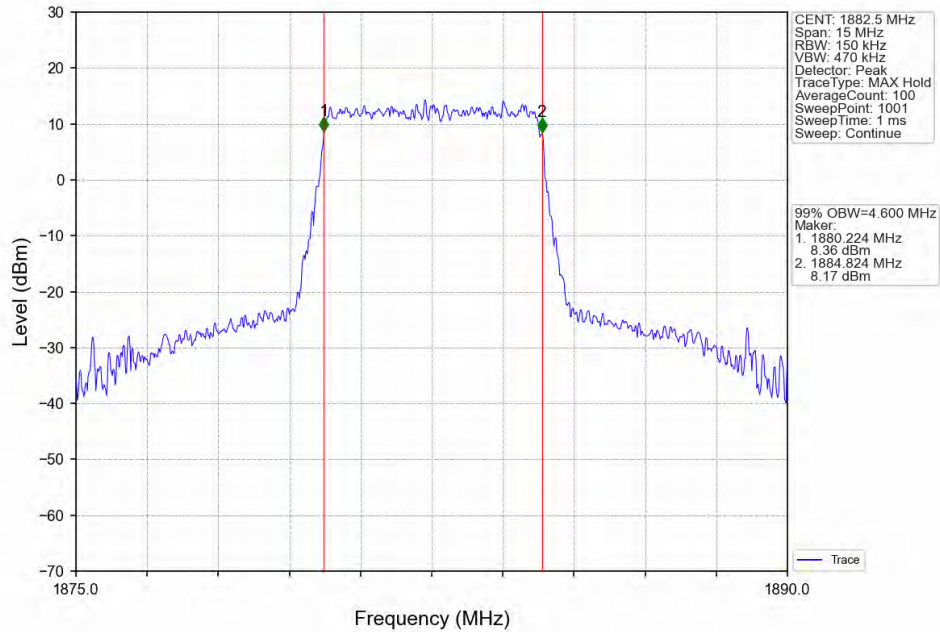
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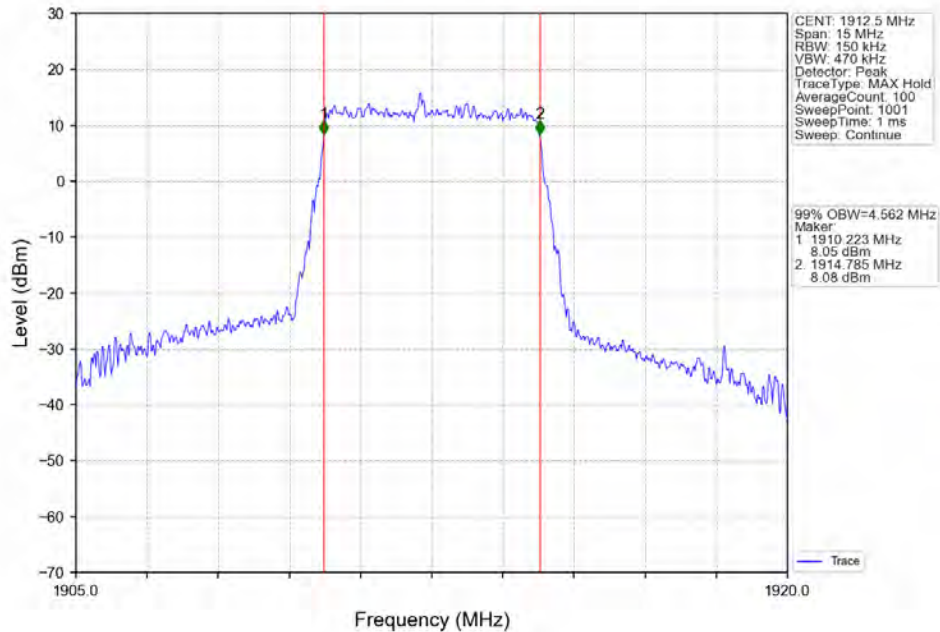
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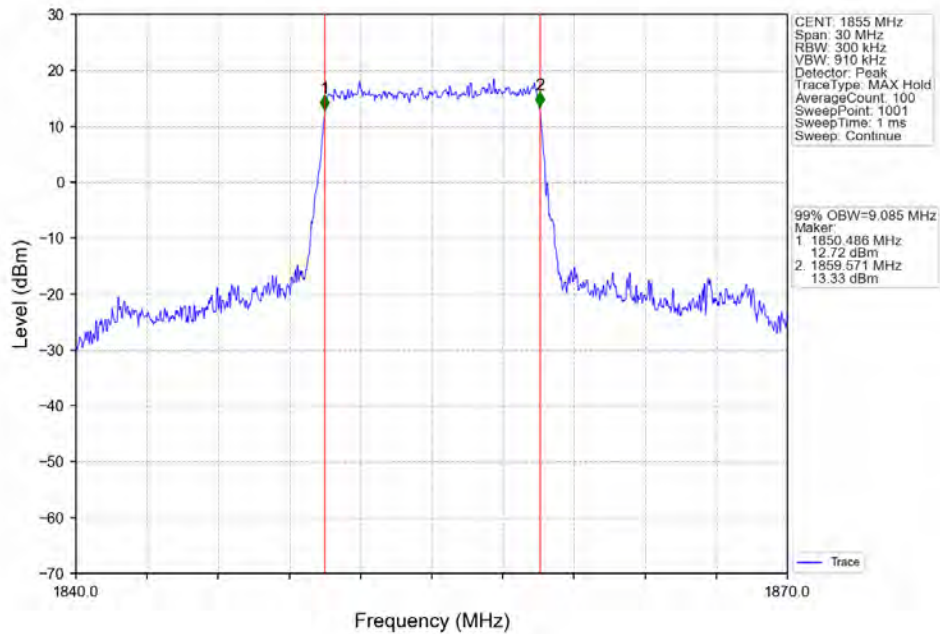
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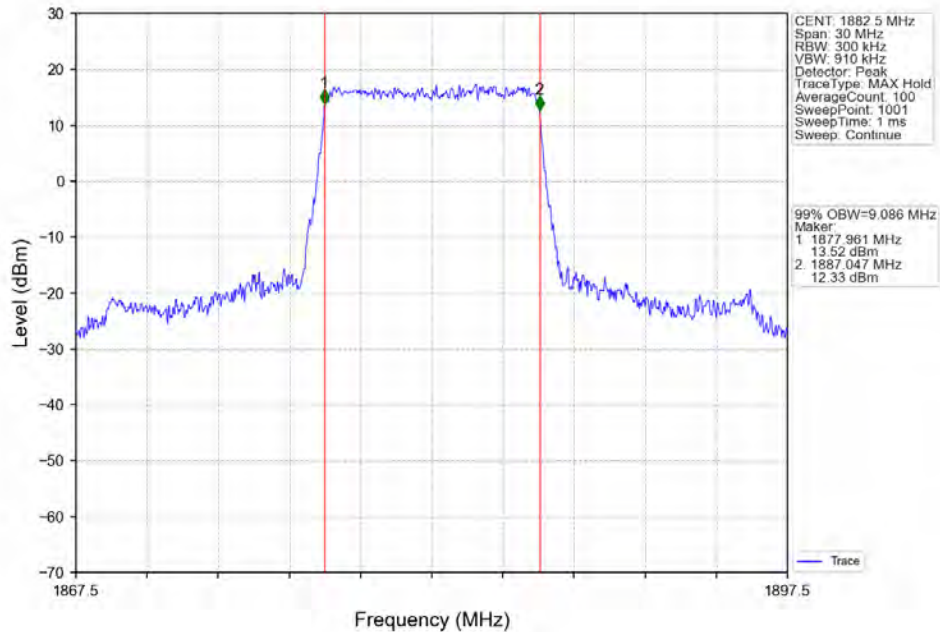
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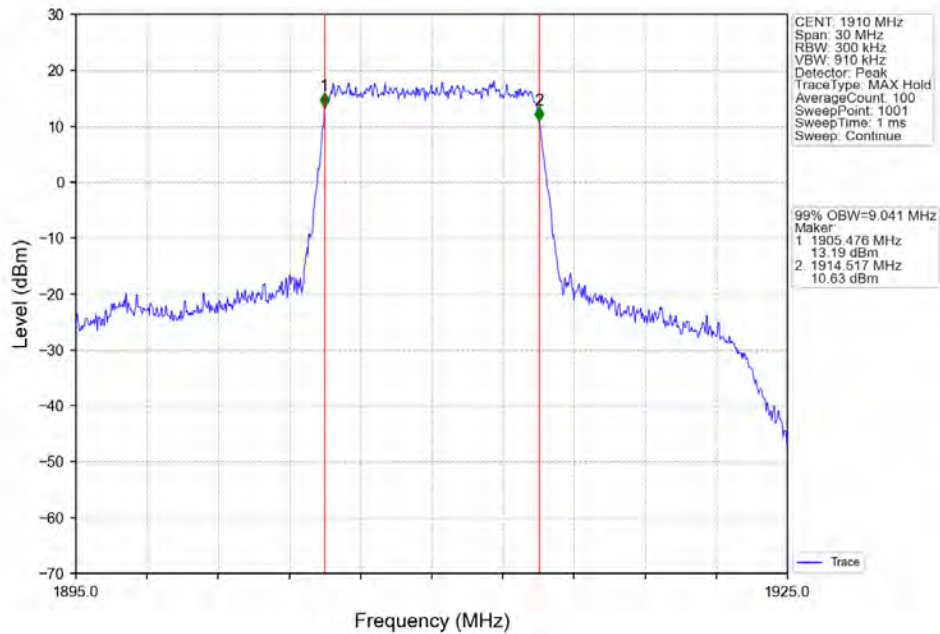
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Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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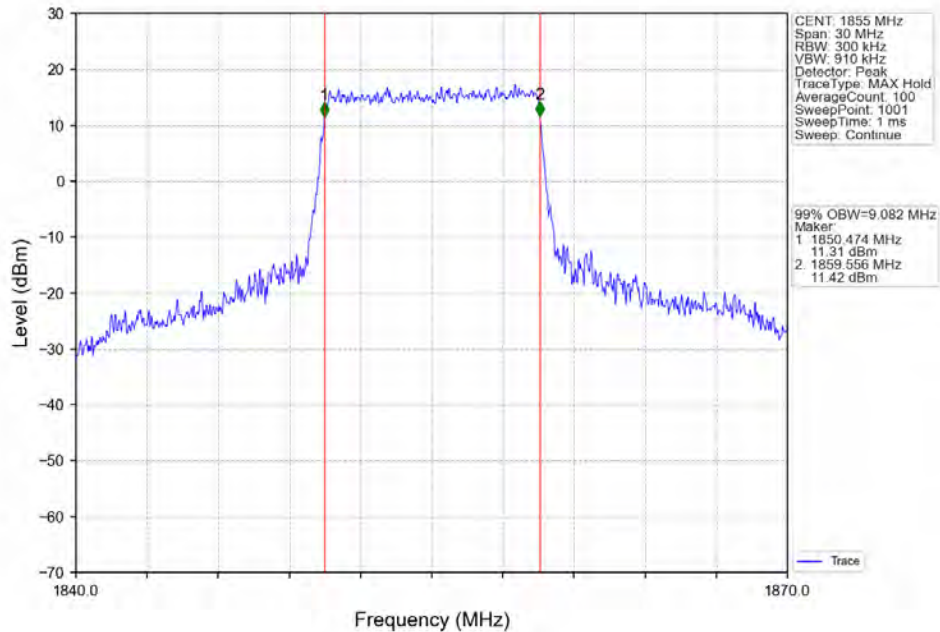
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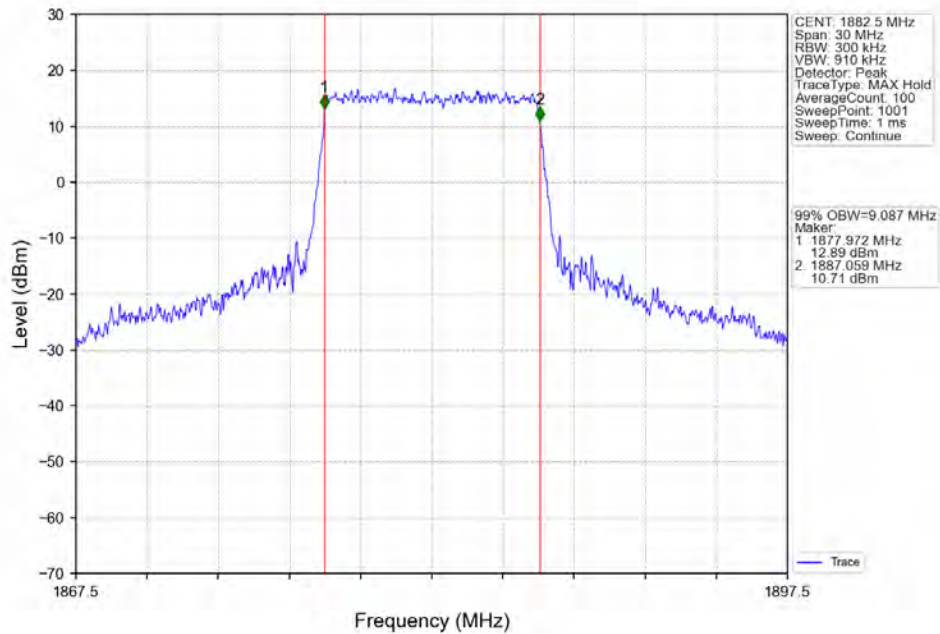
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Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



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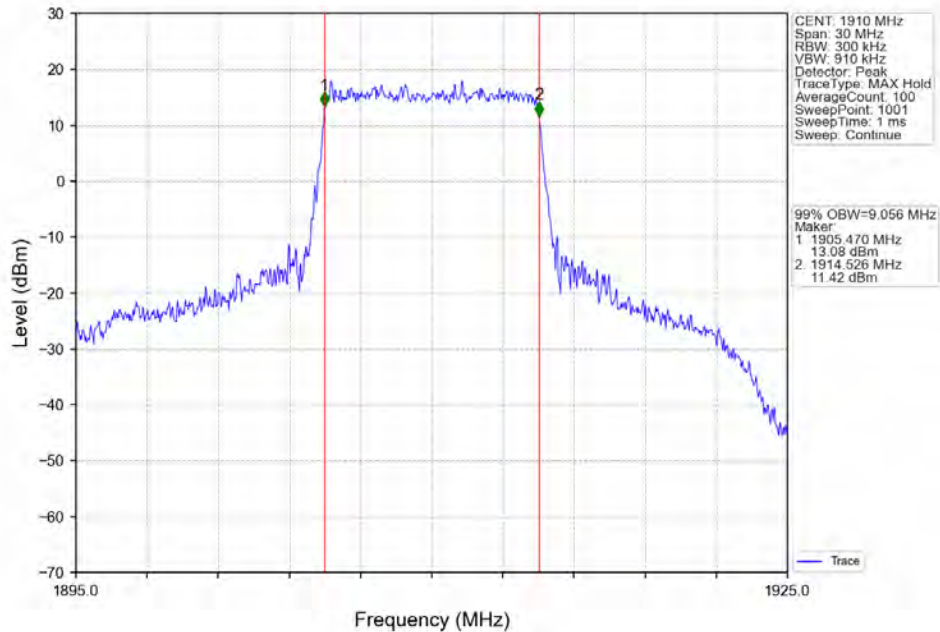
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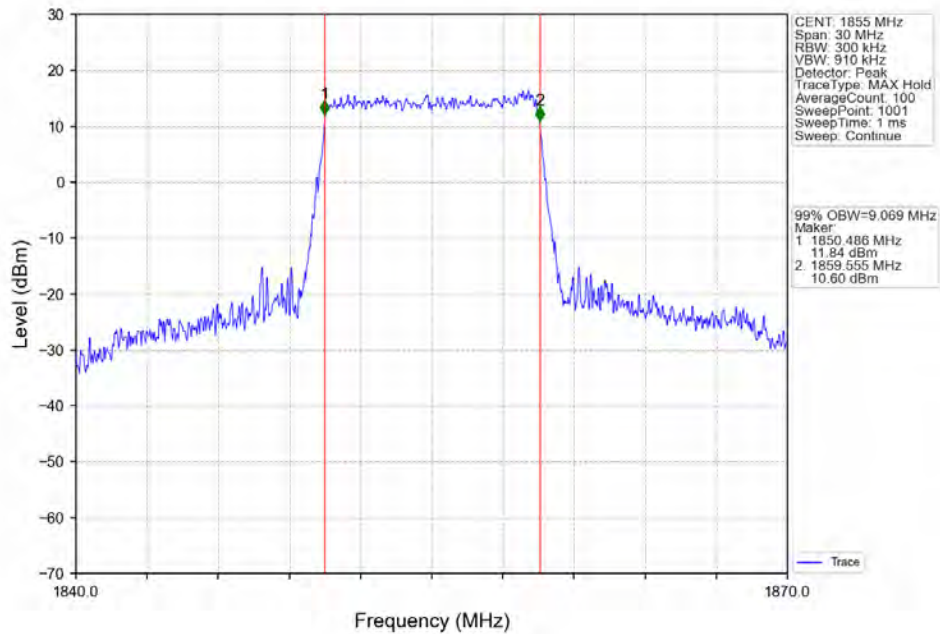
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Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



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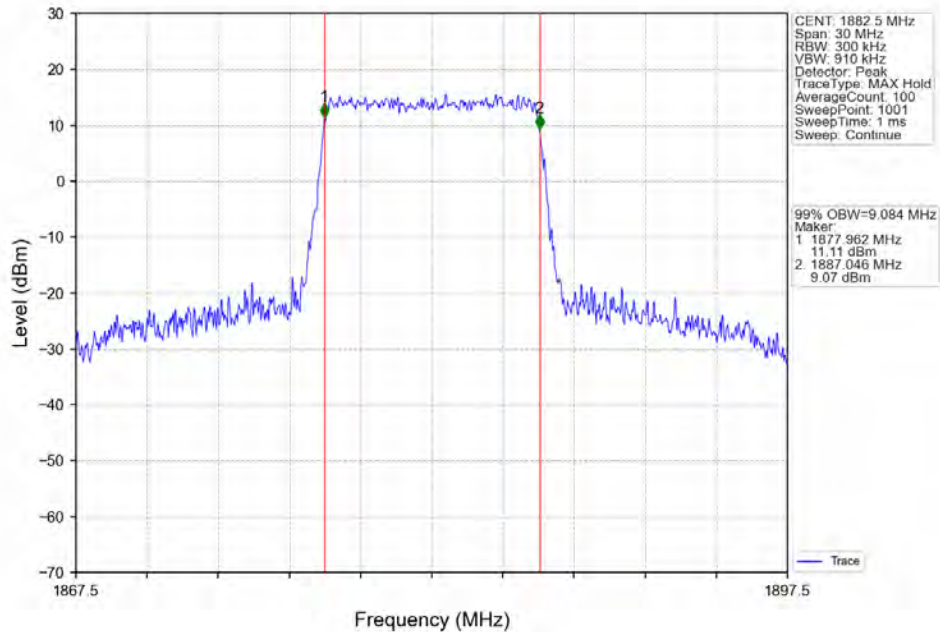
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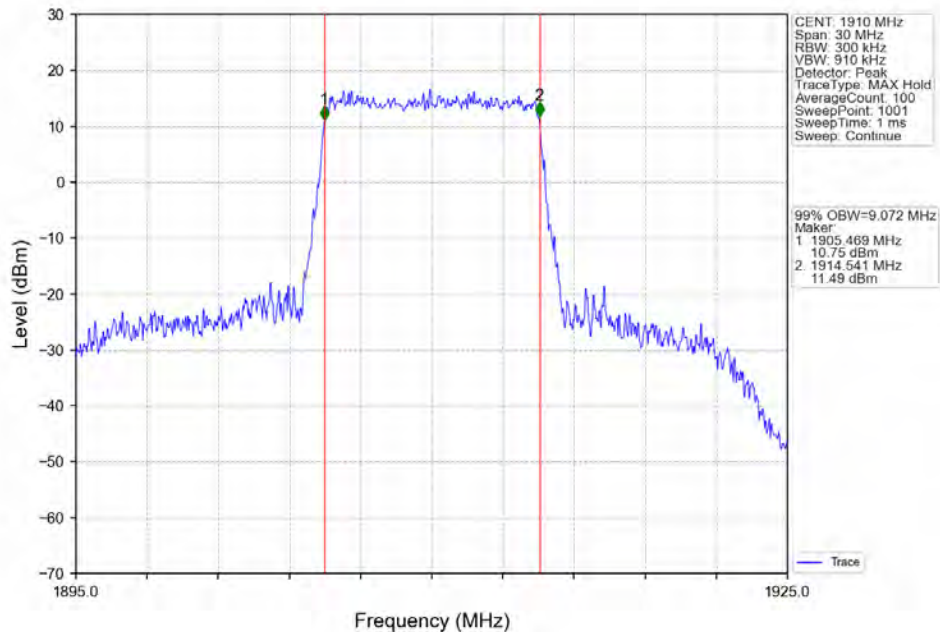
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Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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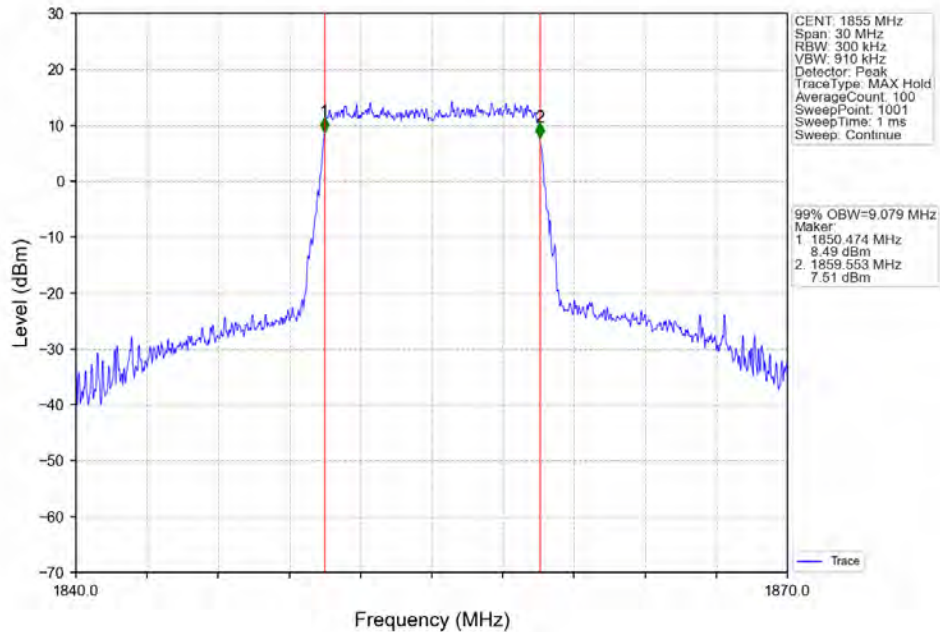
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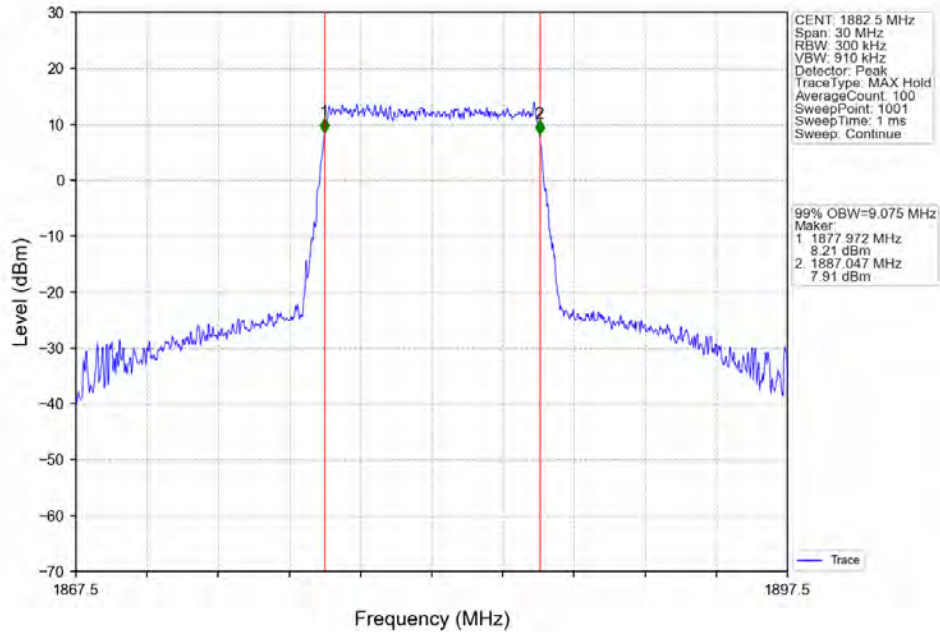
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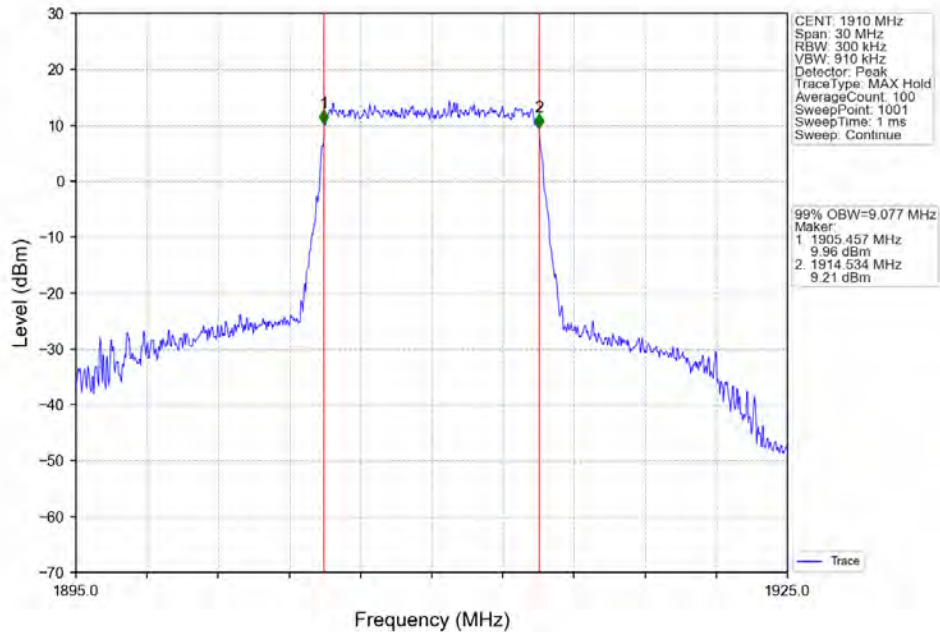
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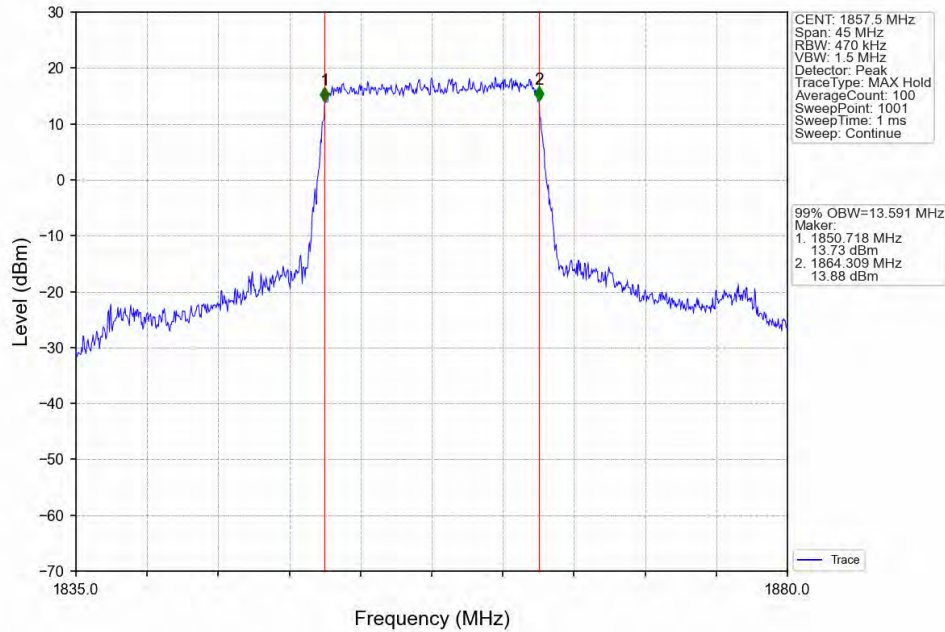
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Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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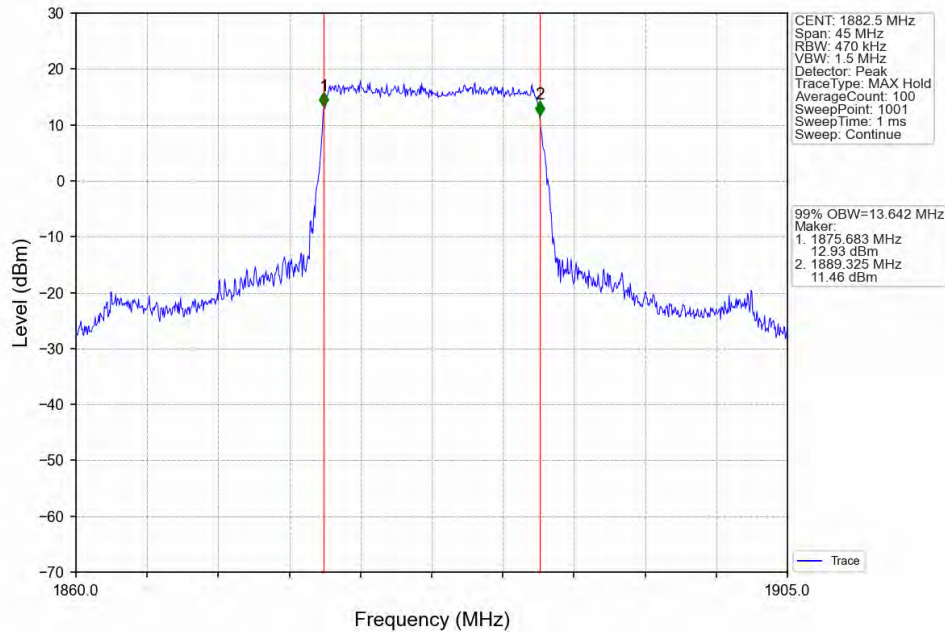
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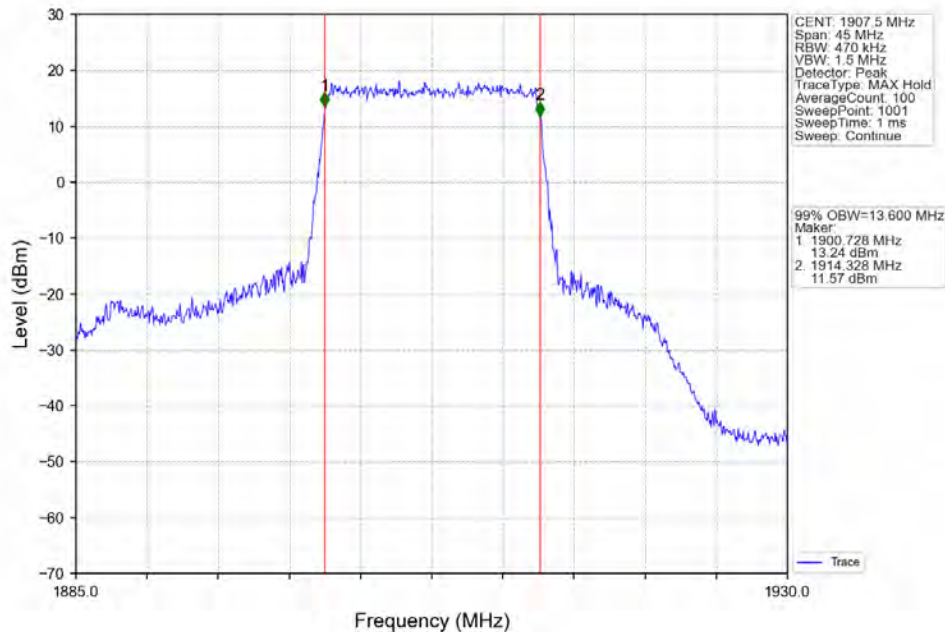
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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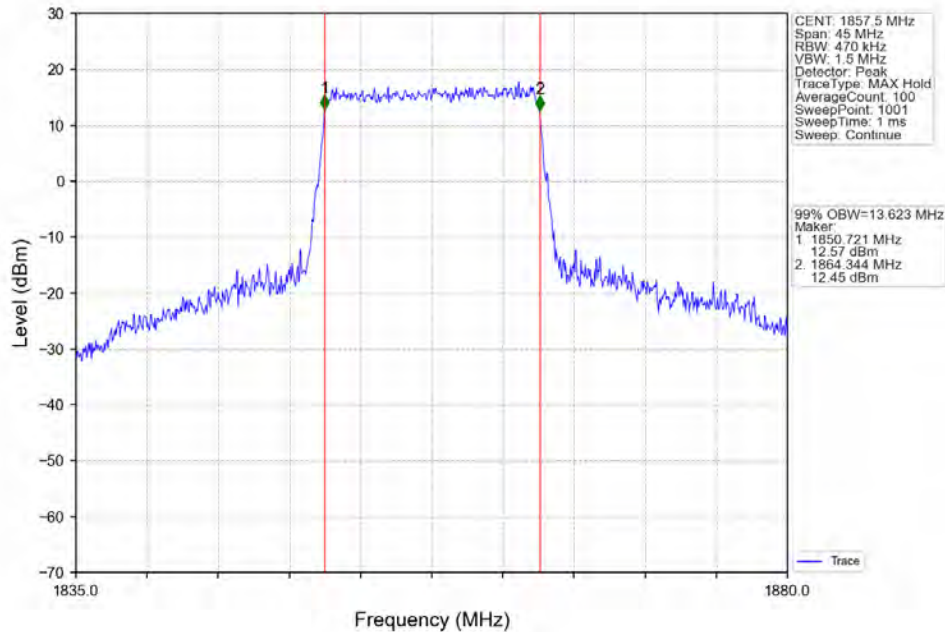
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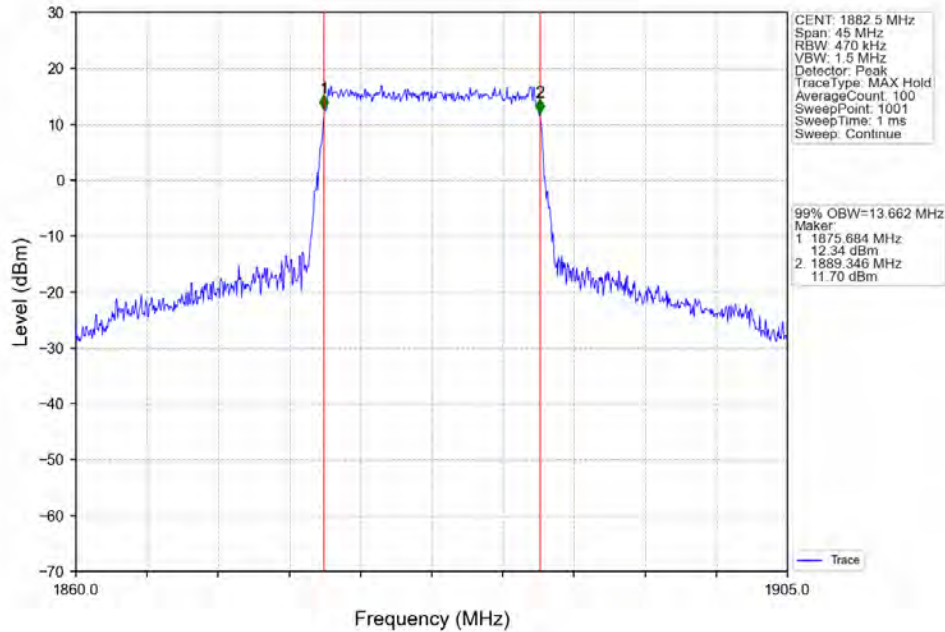
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Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



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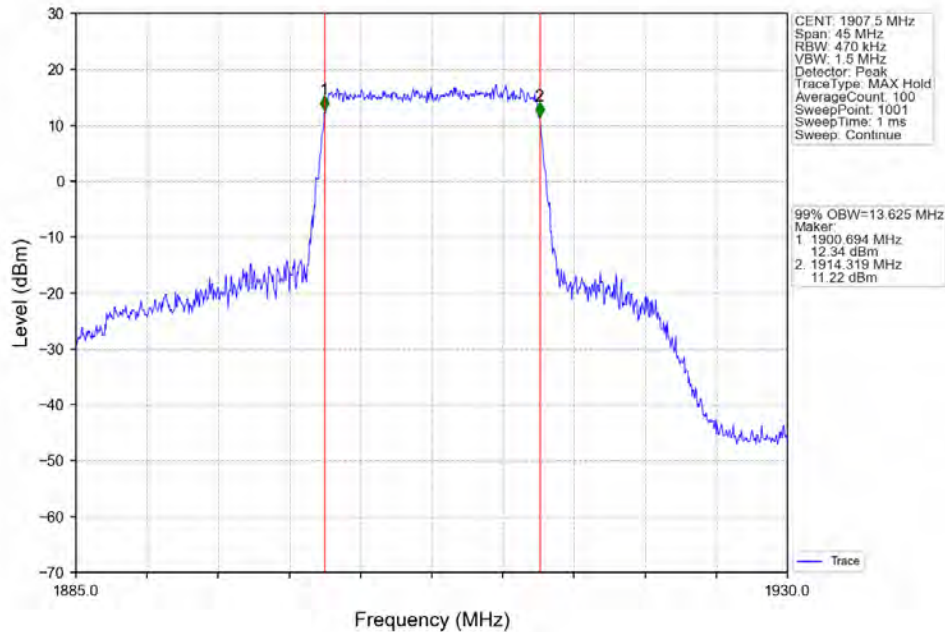
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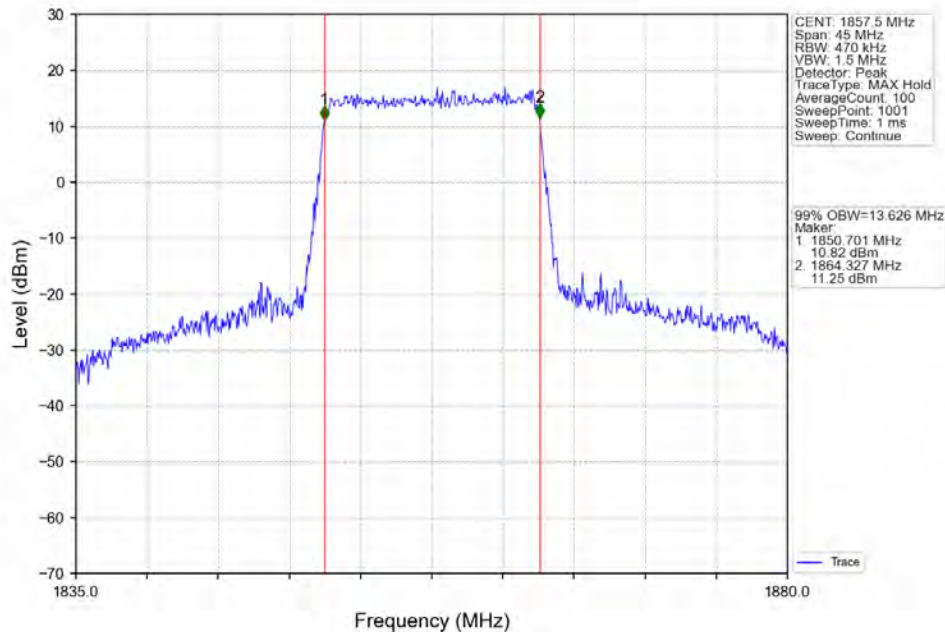
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Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



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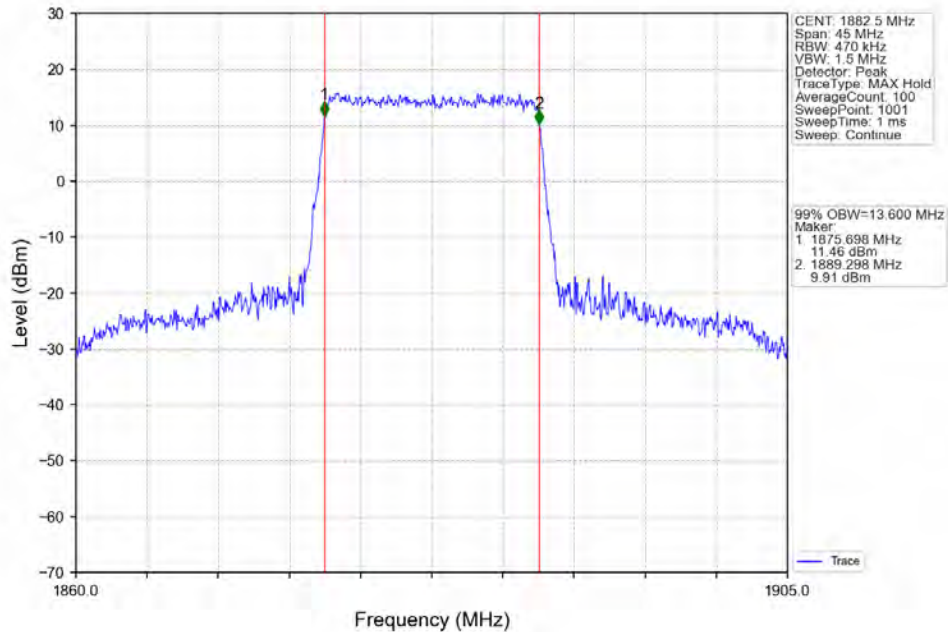
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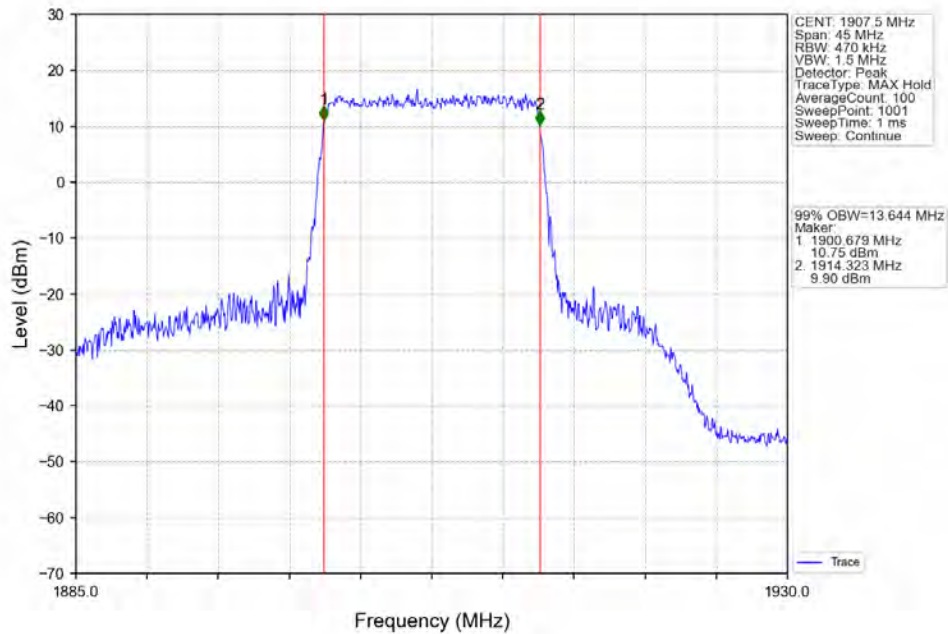
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Band25_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV



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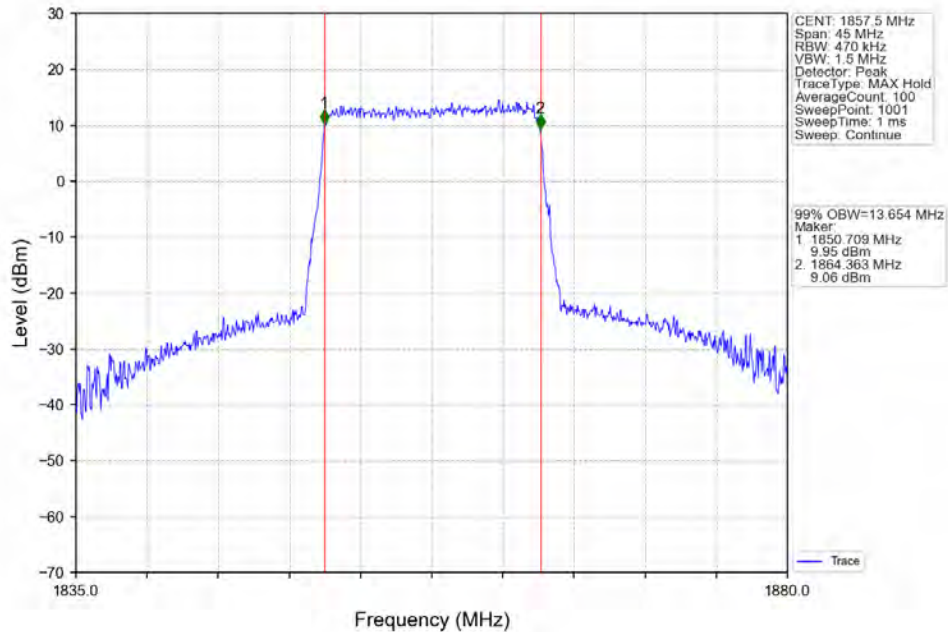
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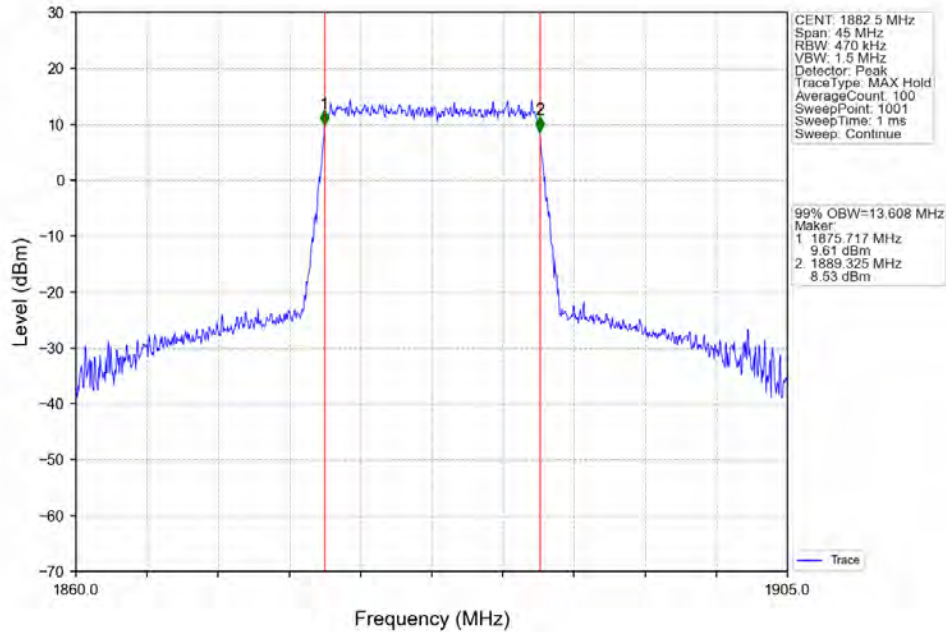
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Band25_15MHz_256QAM_HCH_1907.5MHz_RB_75_0_NTNV



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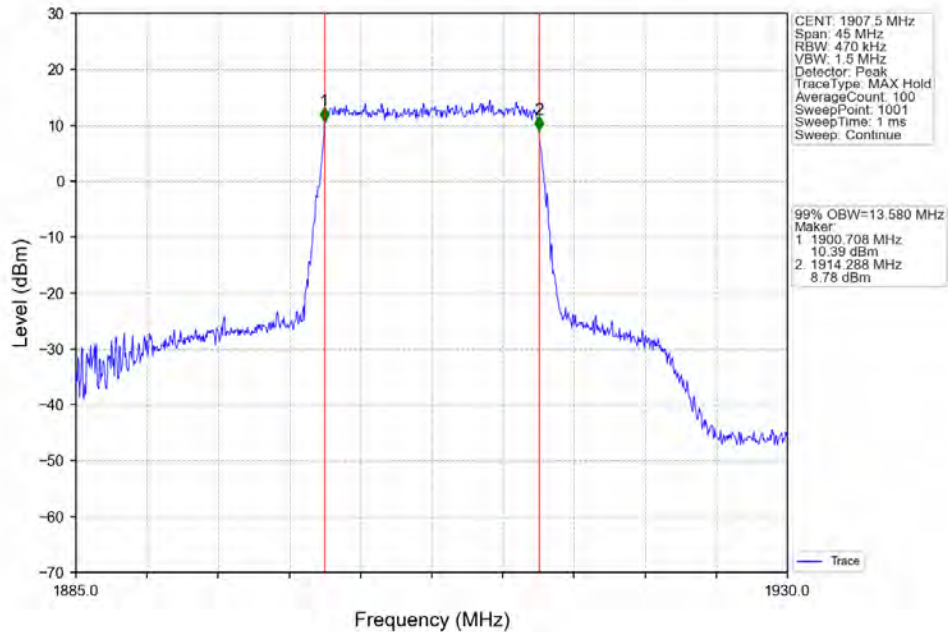
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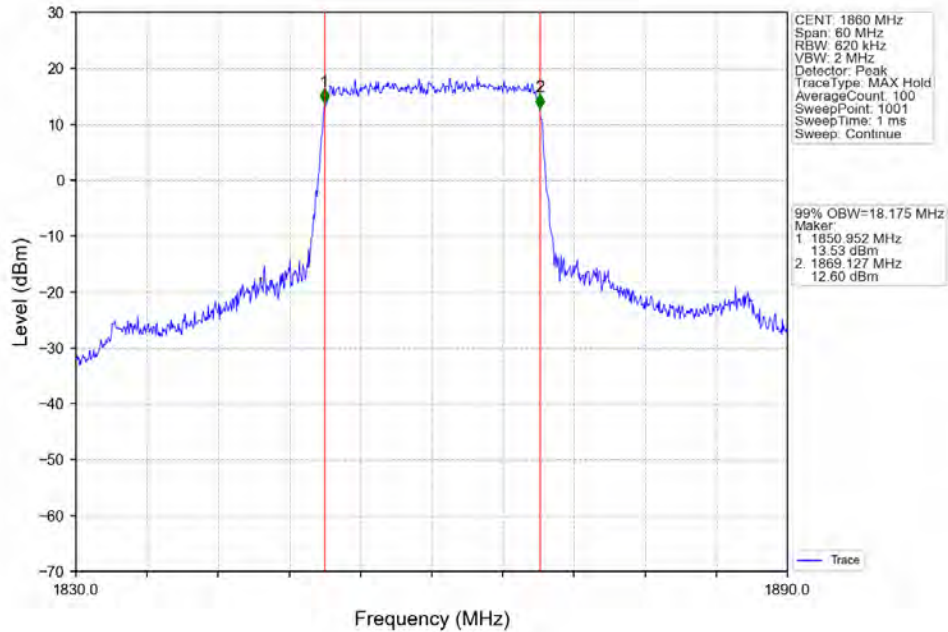
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Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



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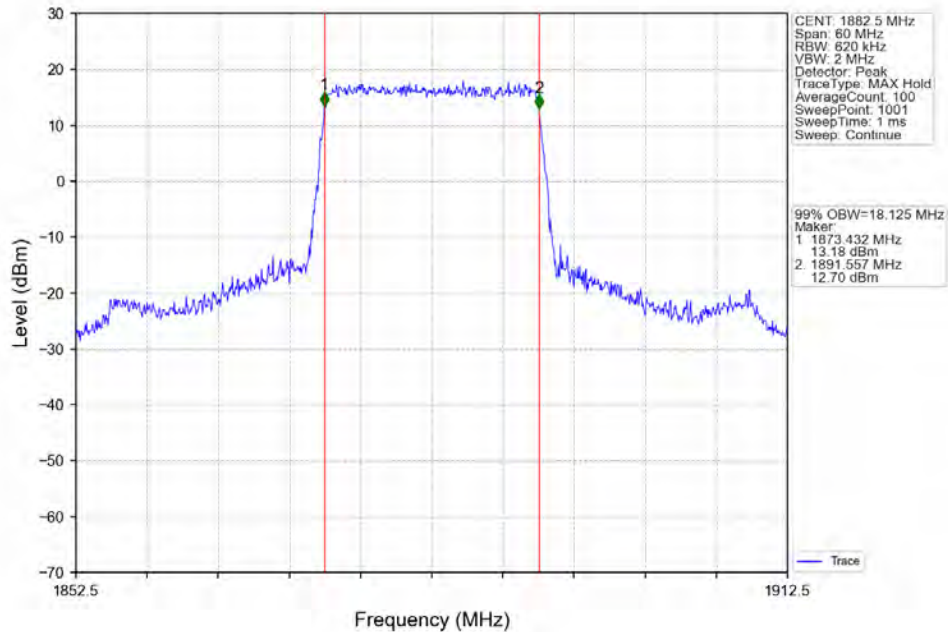
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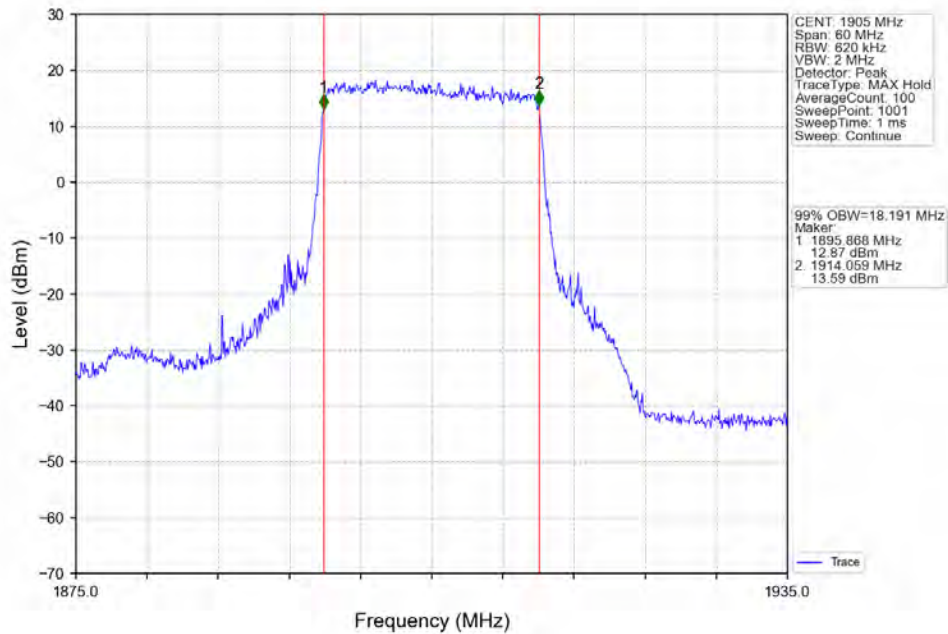
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Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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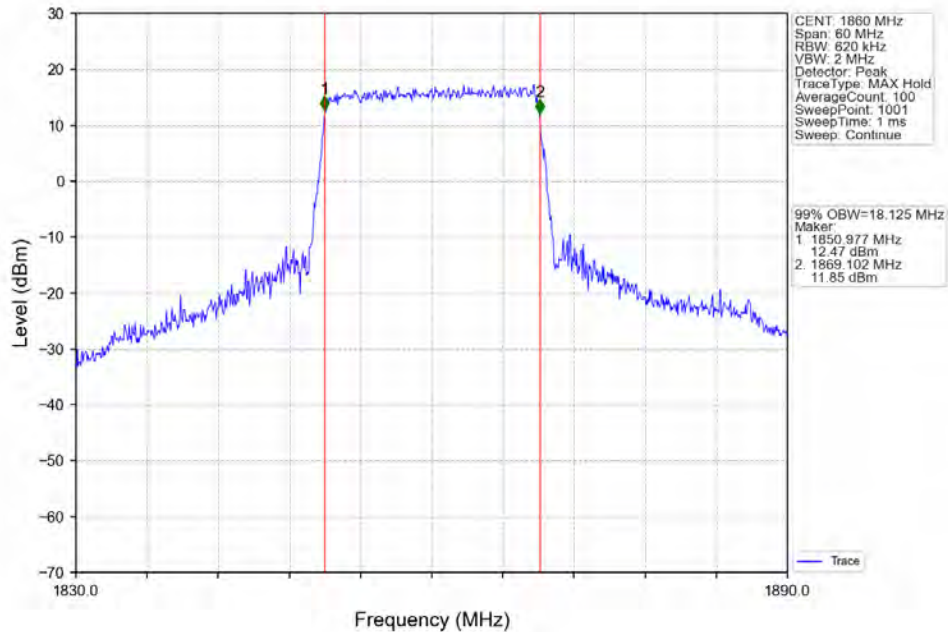
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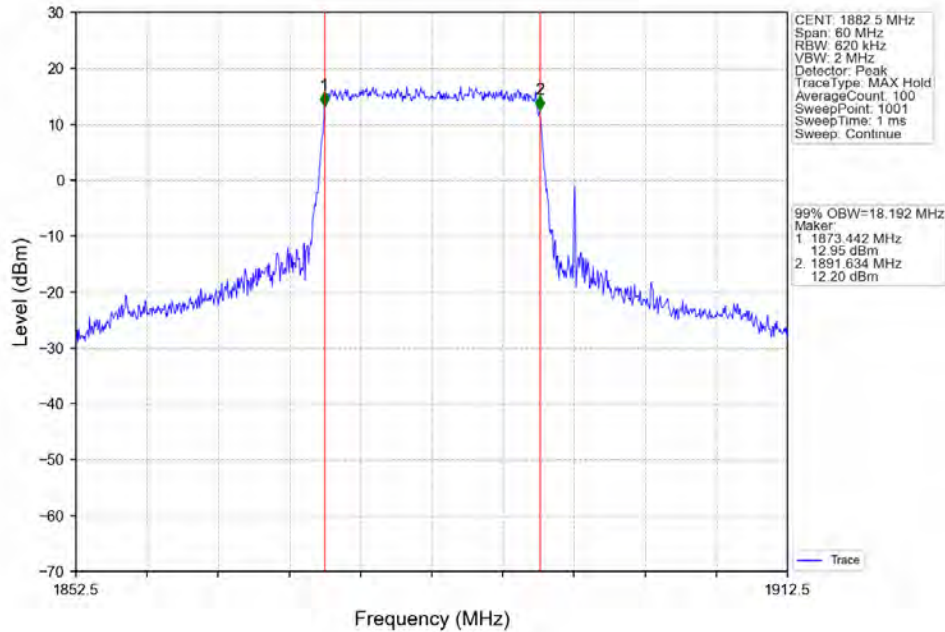
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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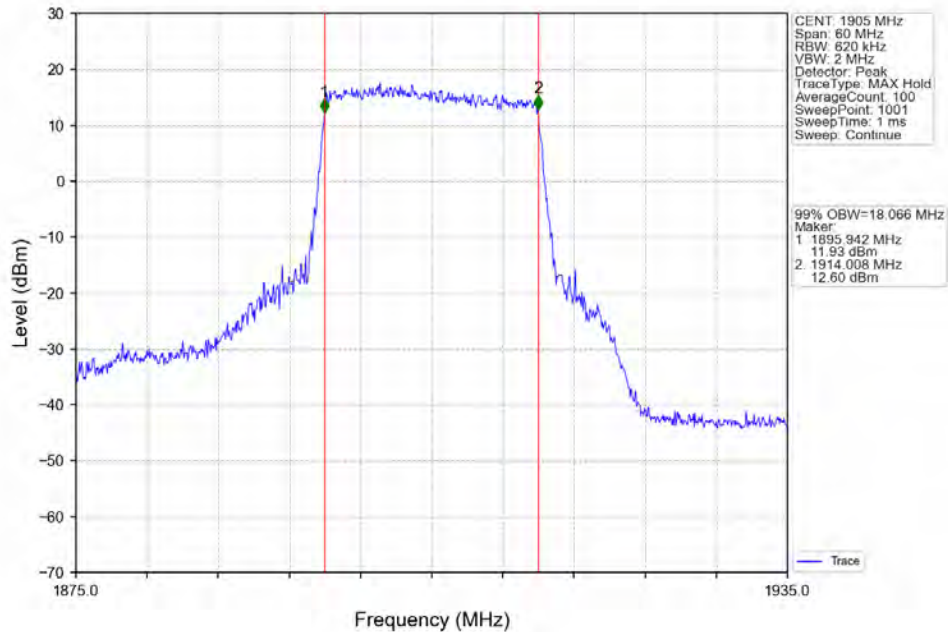
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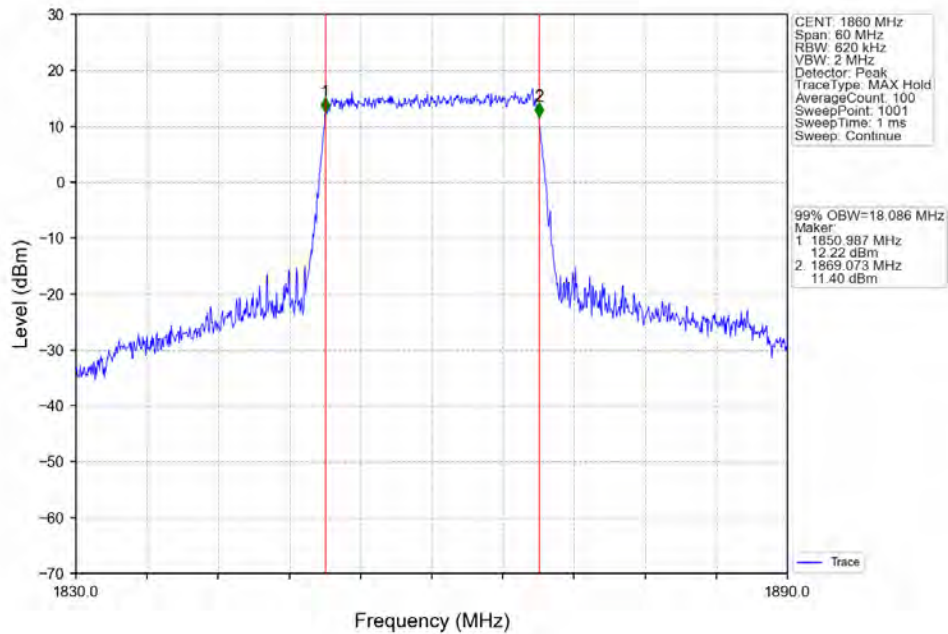
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Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



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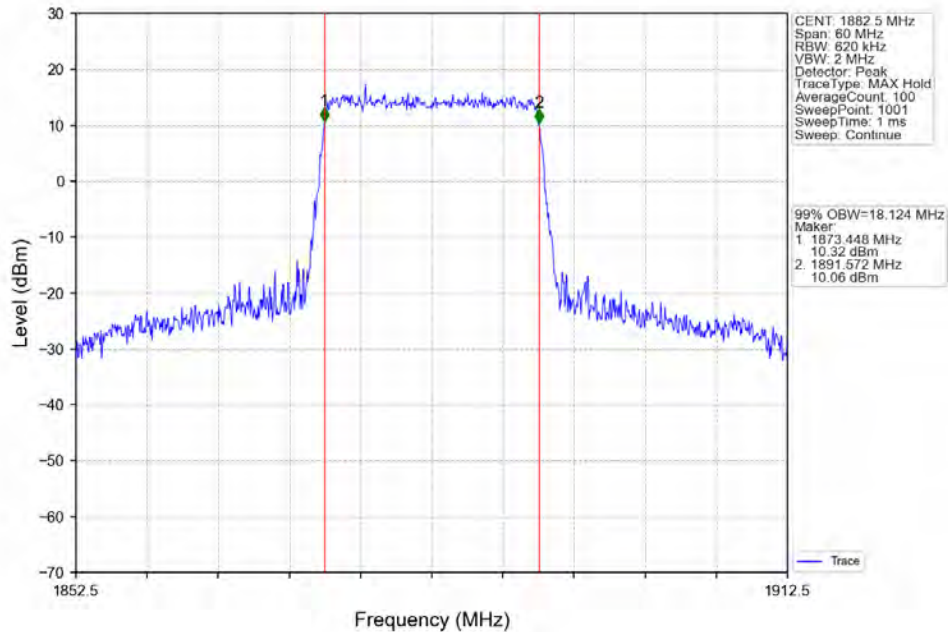
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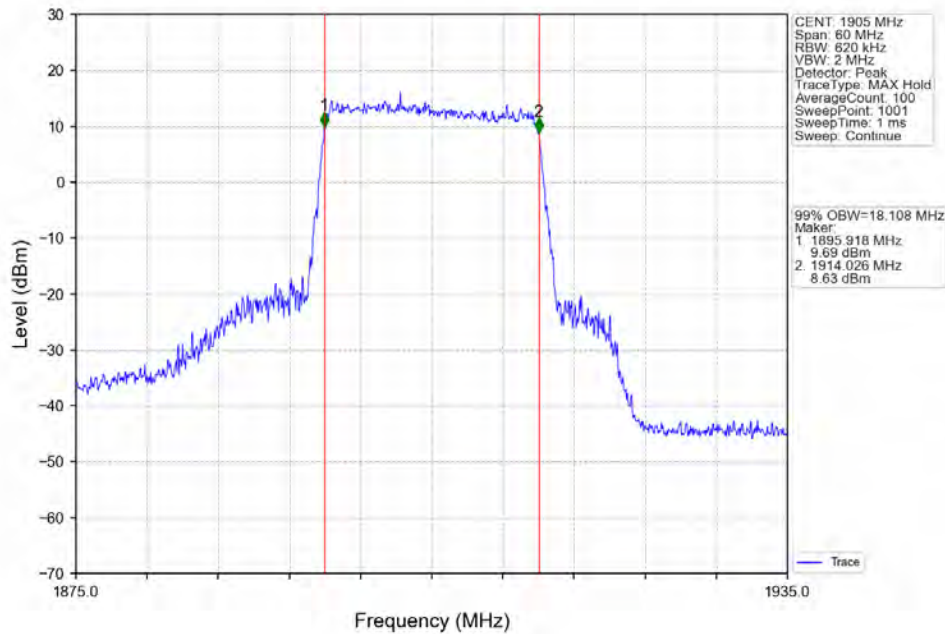
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Band25_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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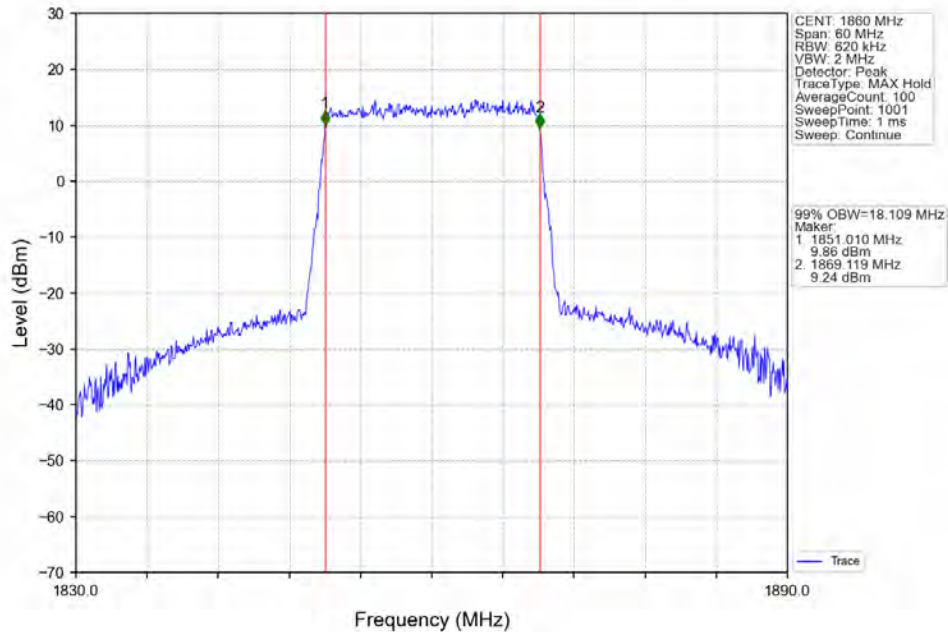
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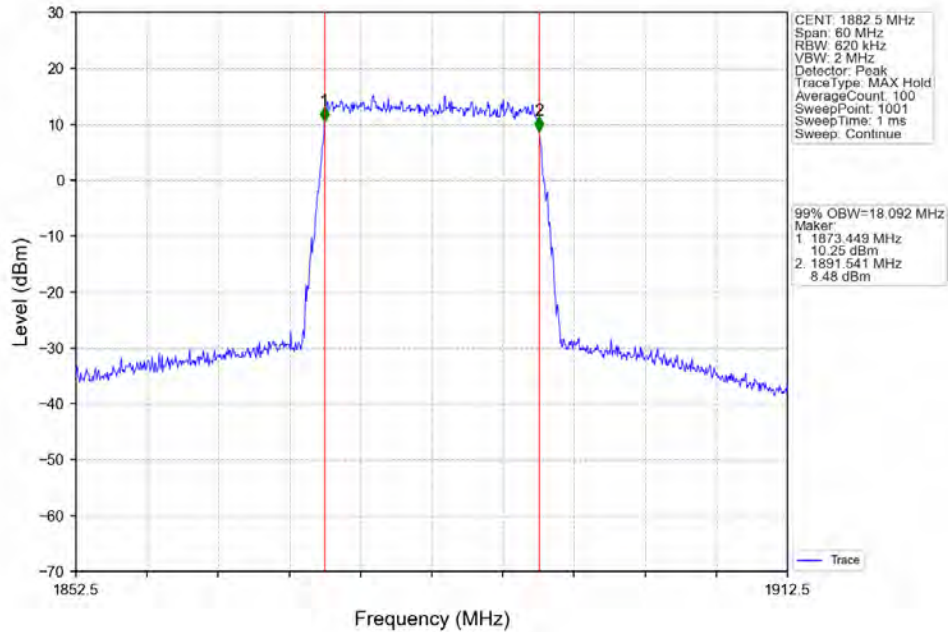
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Band25_20MHz_256QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_256QAM_HCH_1905MHz_RB_100_0_NTNV



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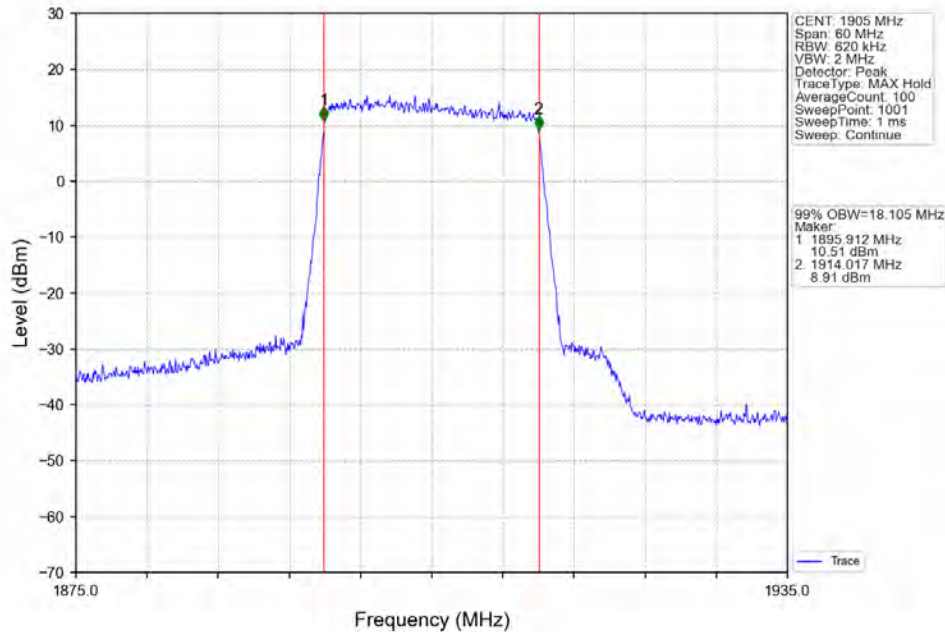
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4.2 Band25_XDB

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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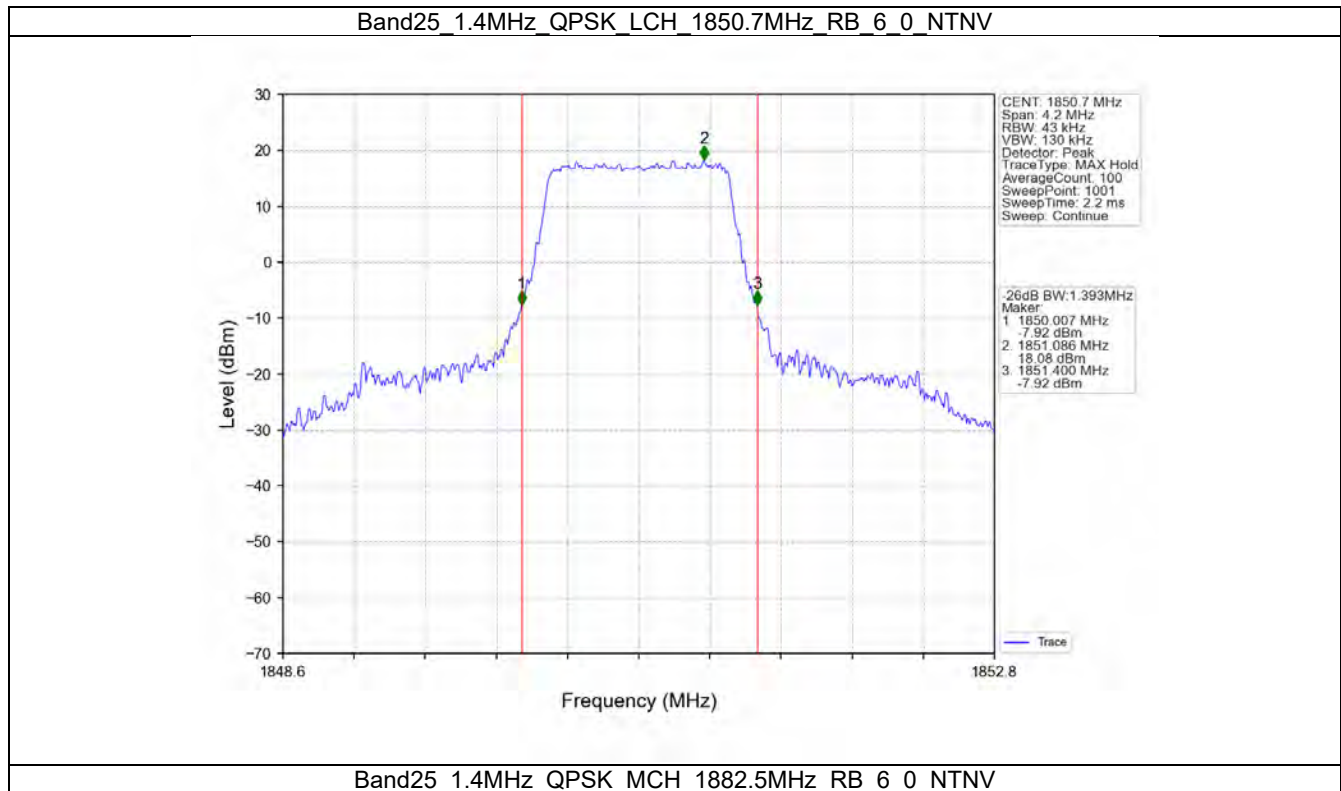
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4.2.2 Test Graph



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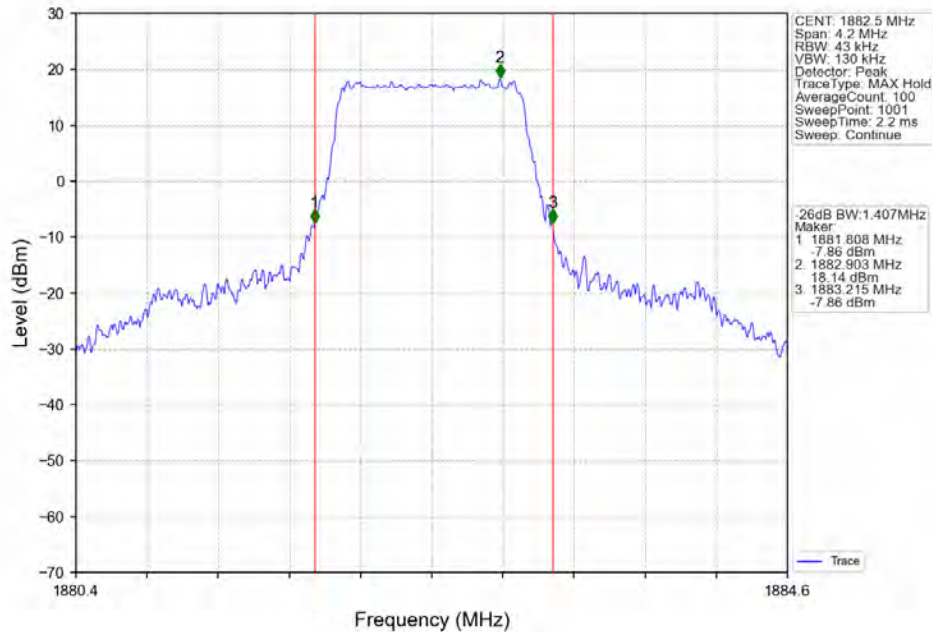
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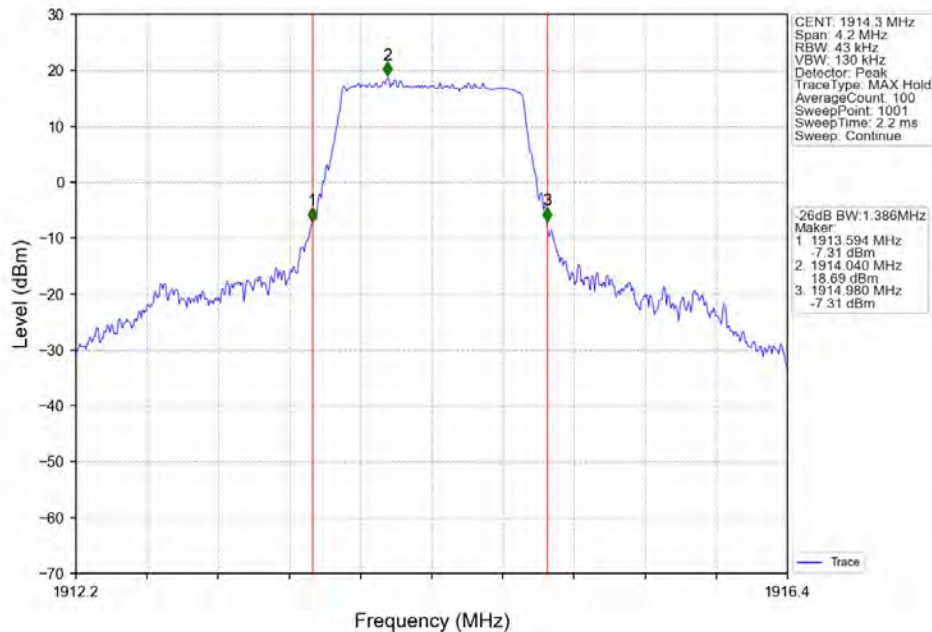
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Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



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



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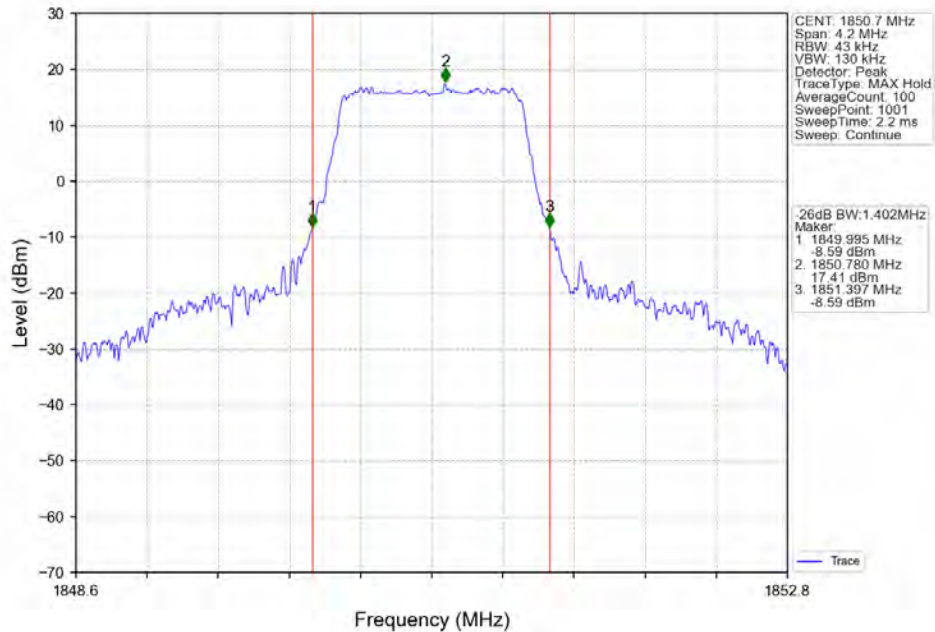
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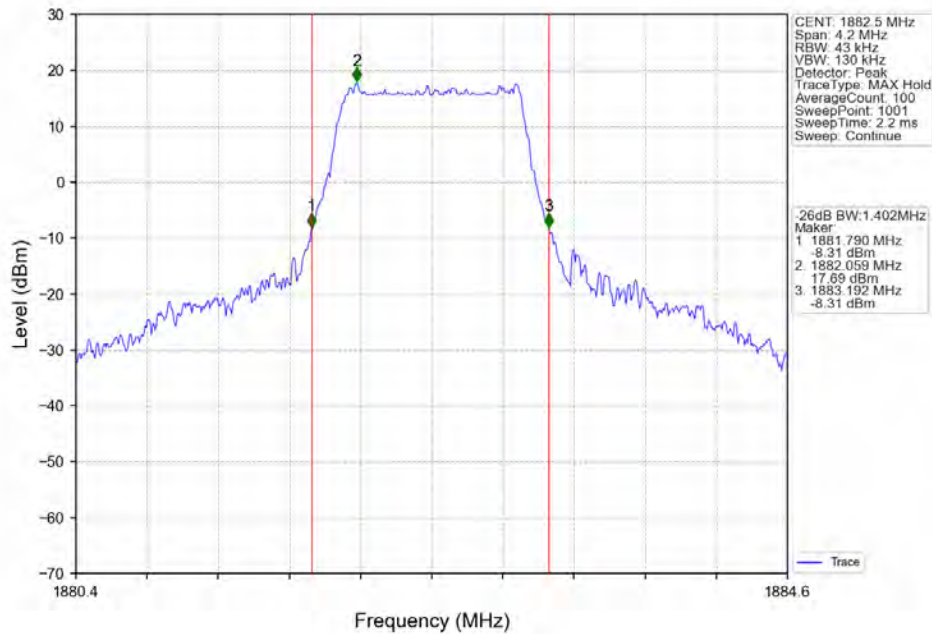
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Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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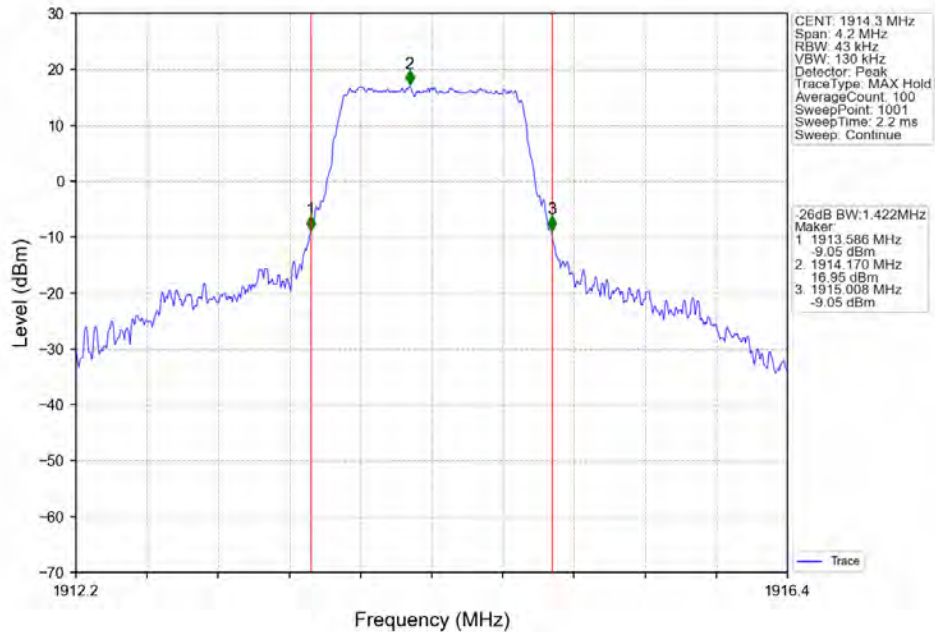
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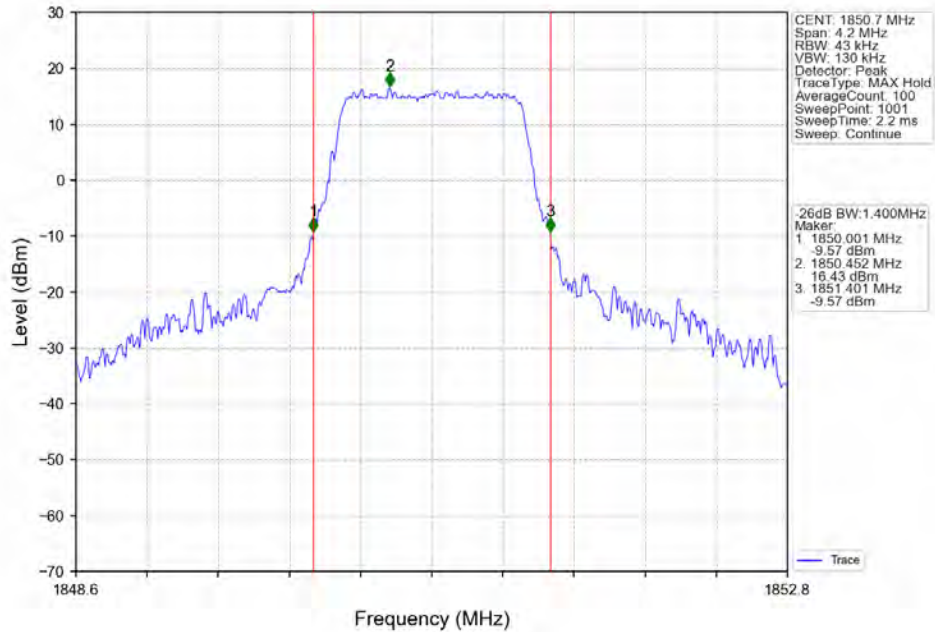
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Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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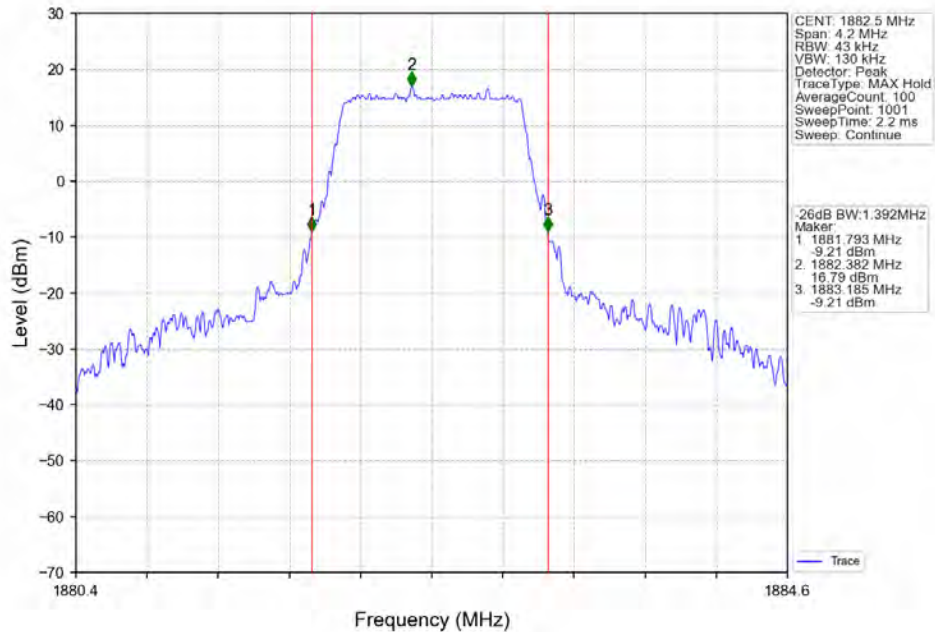
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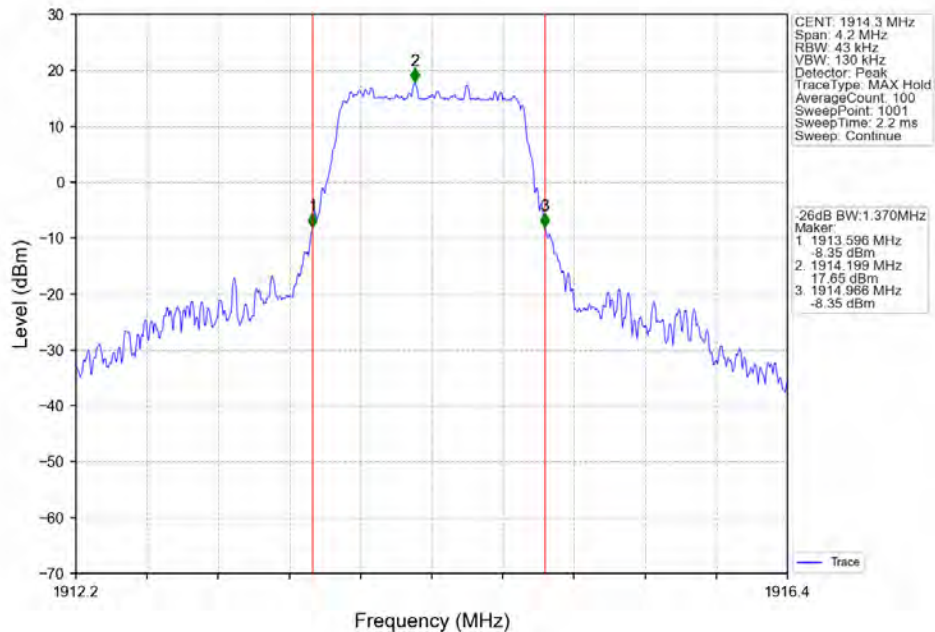
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Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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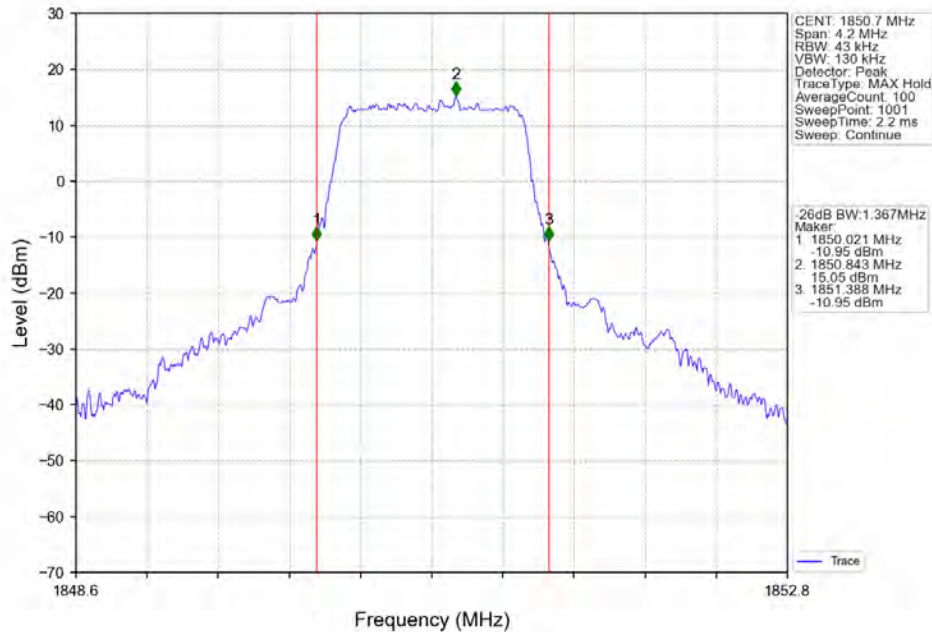
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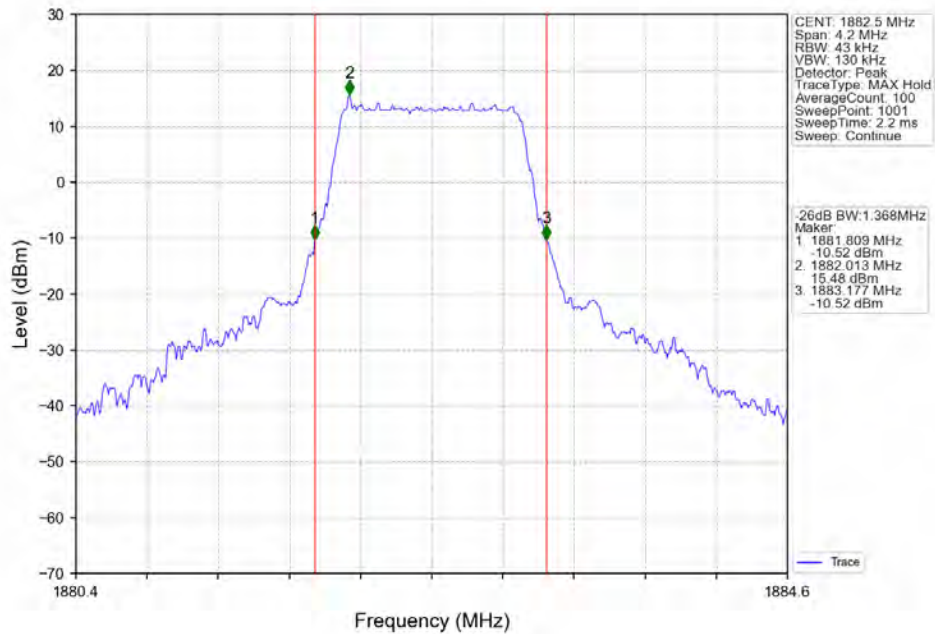
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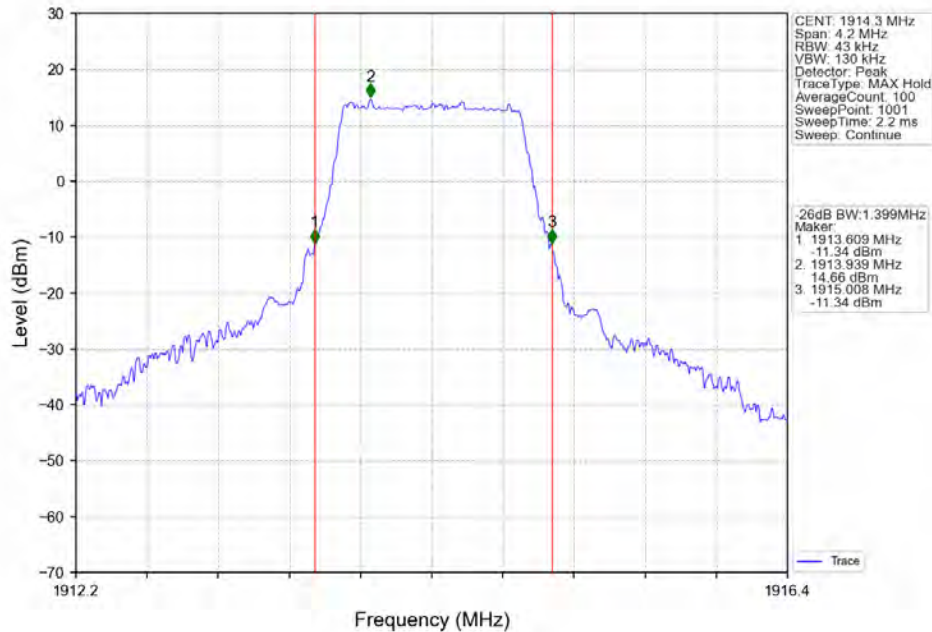
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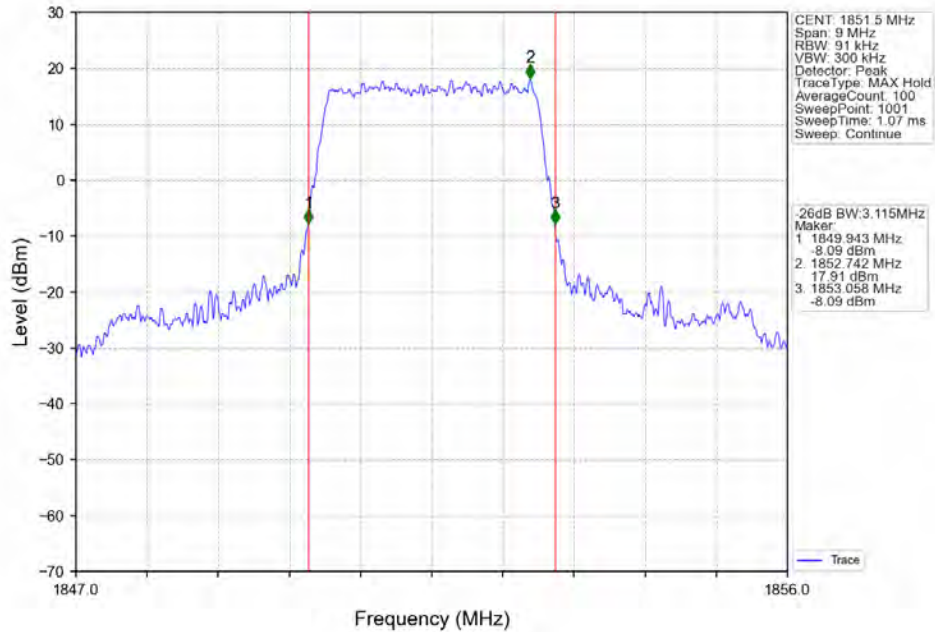
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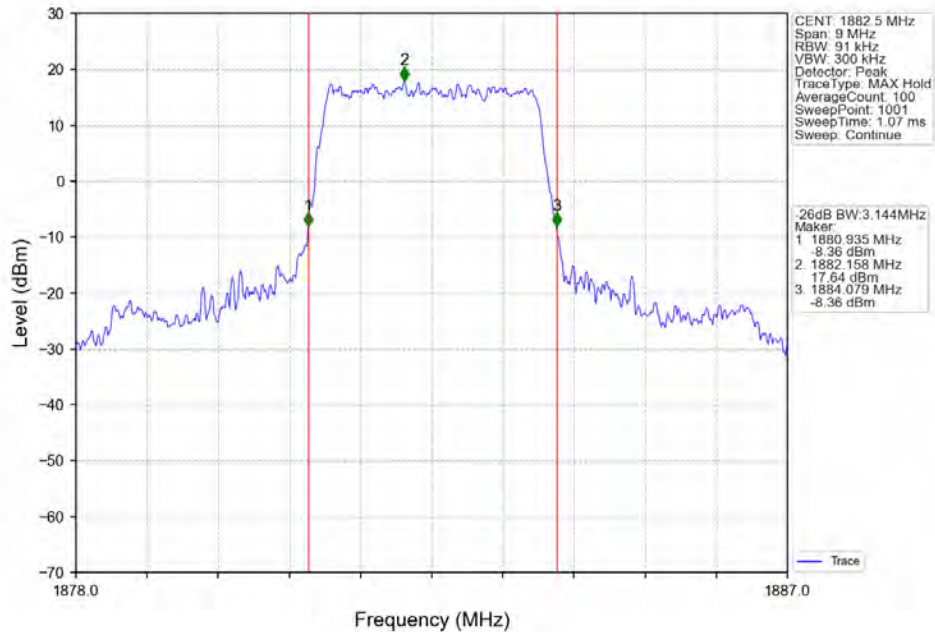
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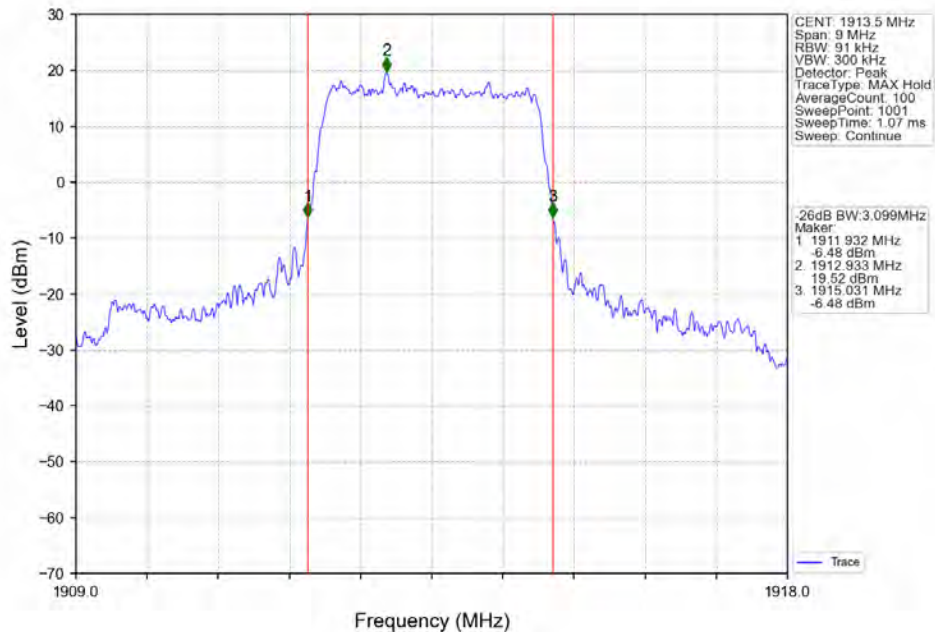
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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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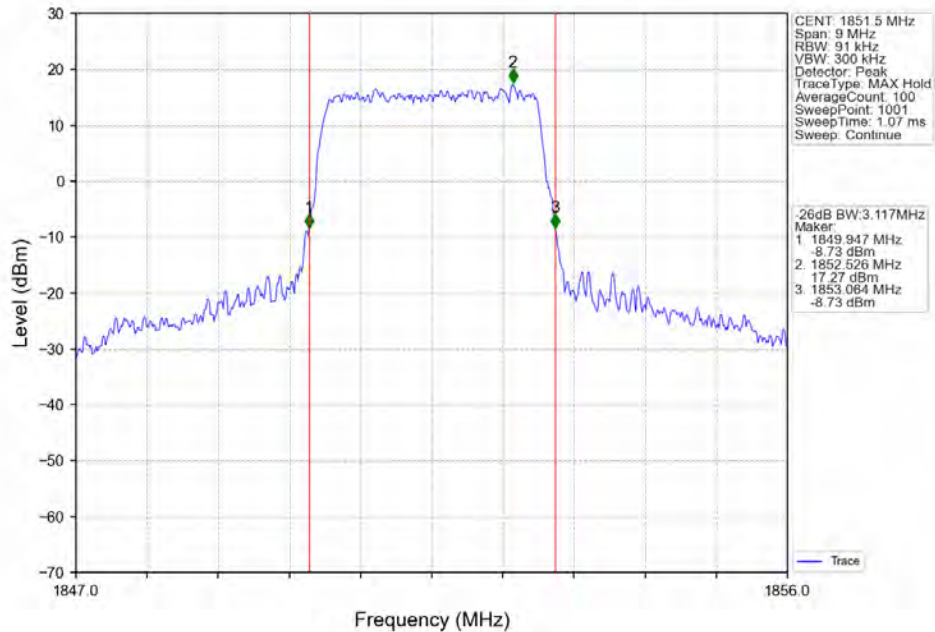
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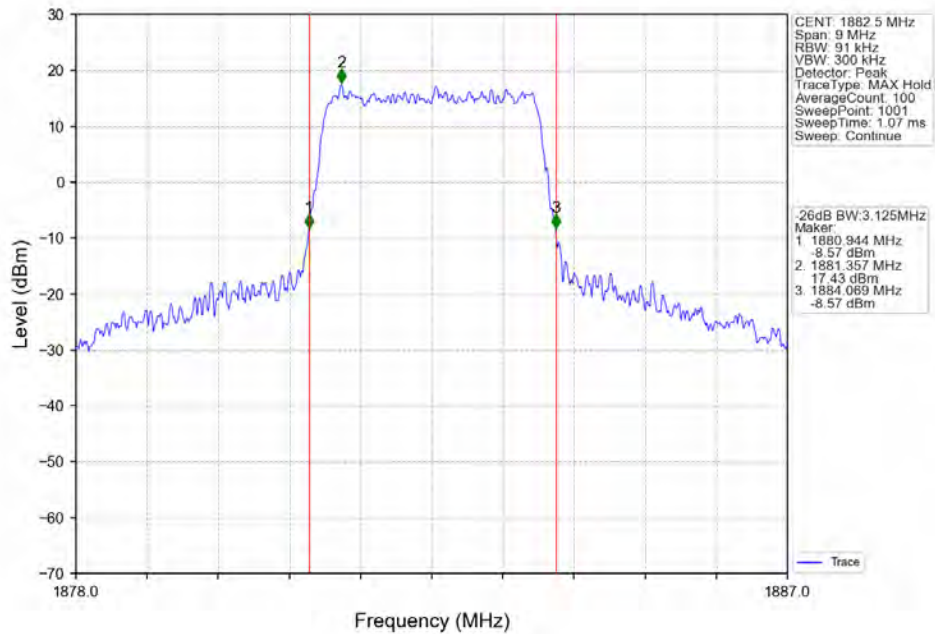
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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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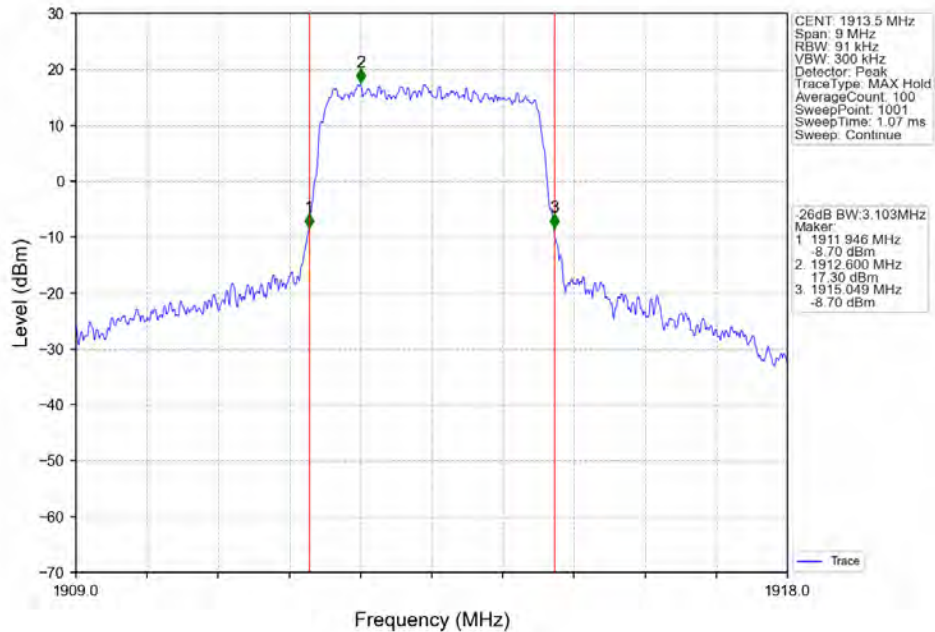
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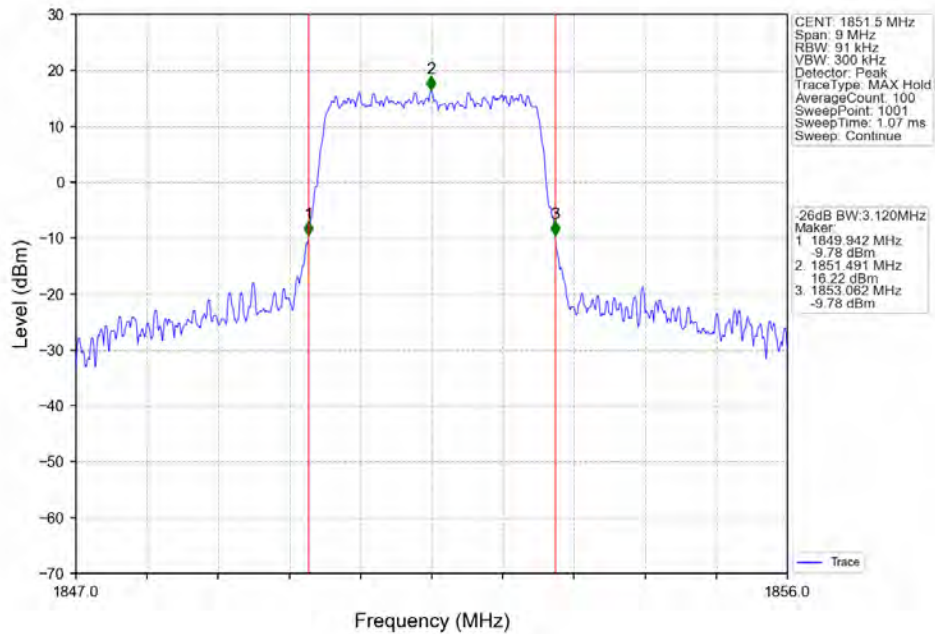
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Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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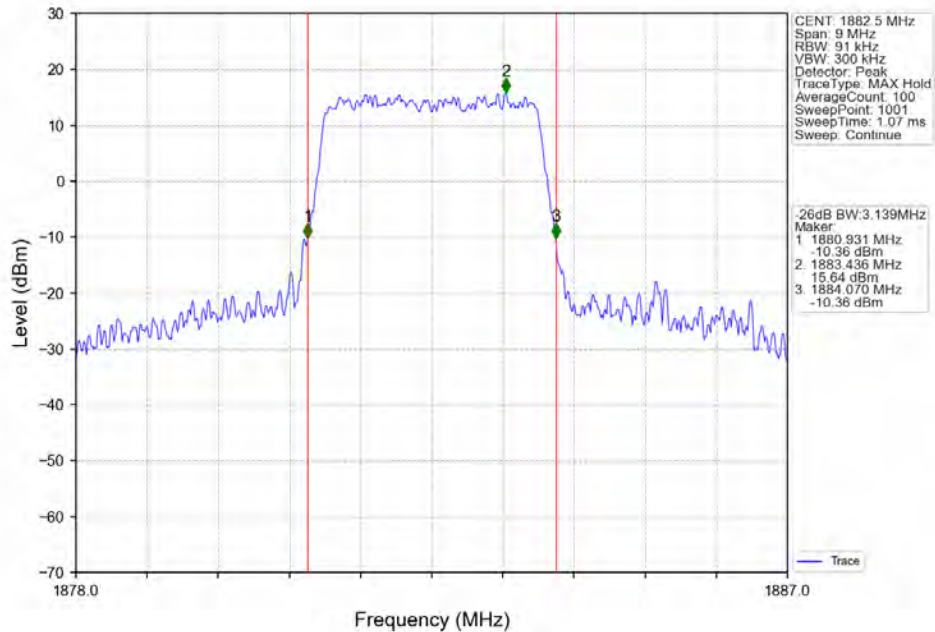
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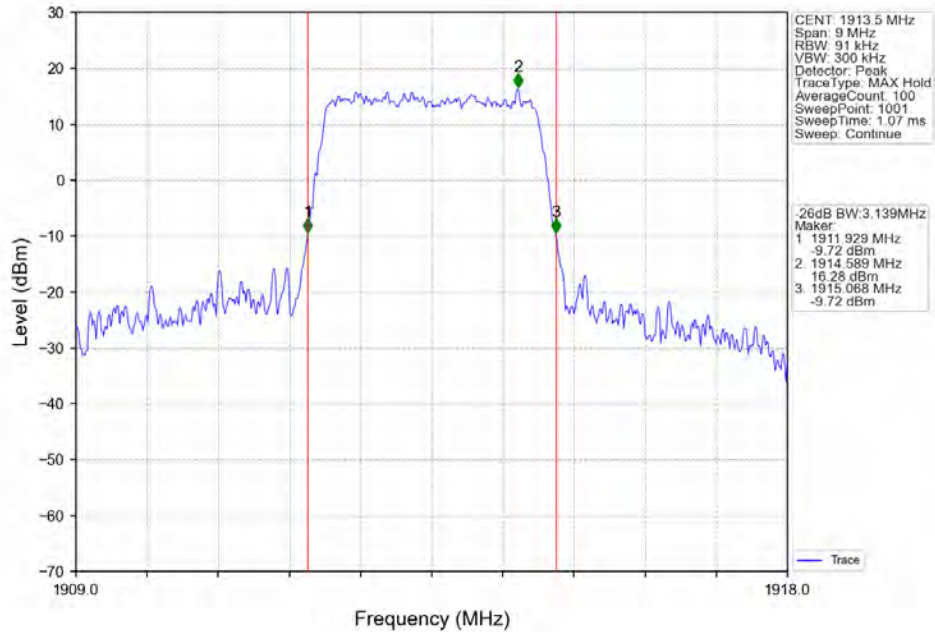
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Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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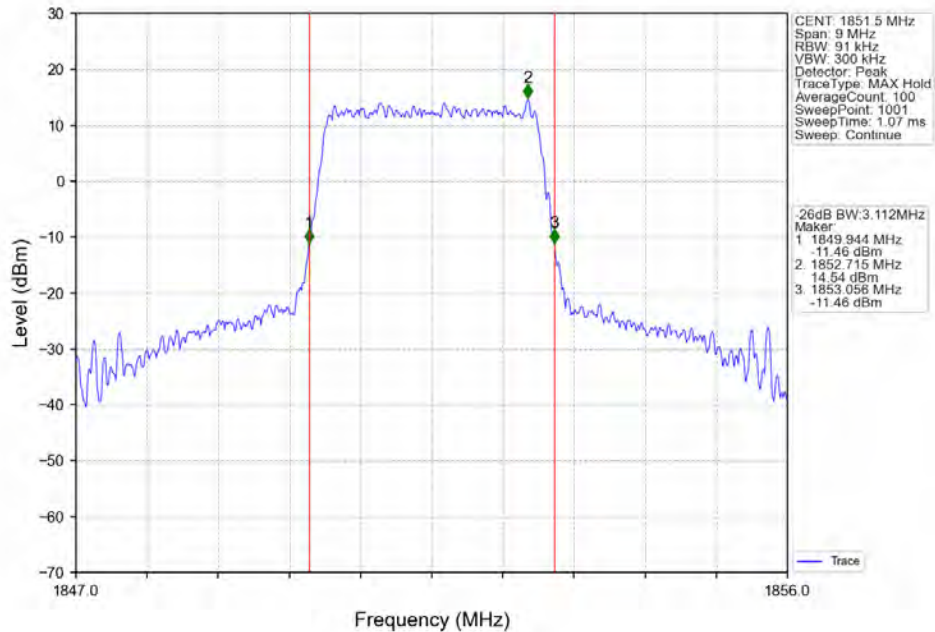
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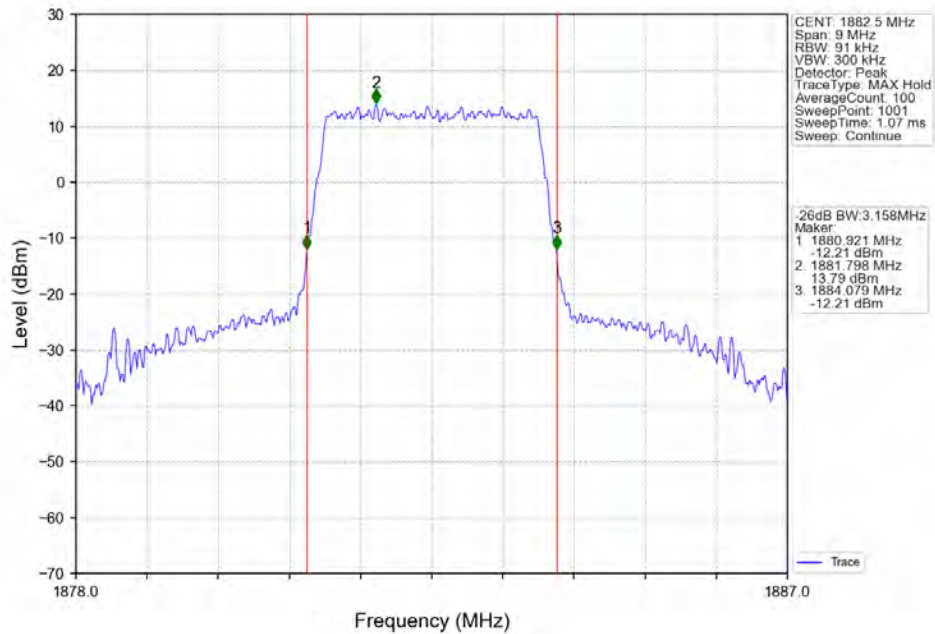
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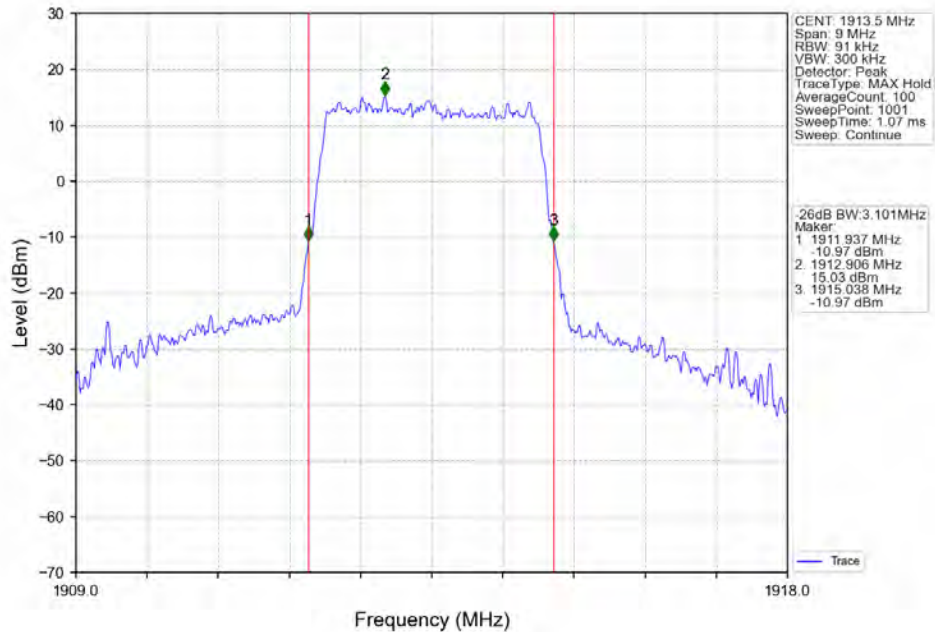
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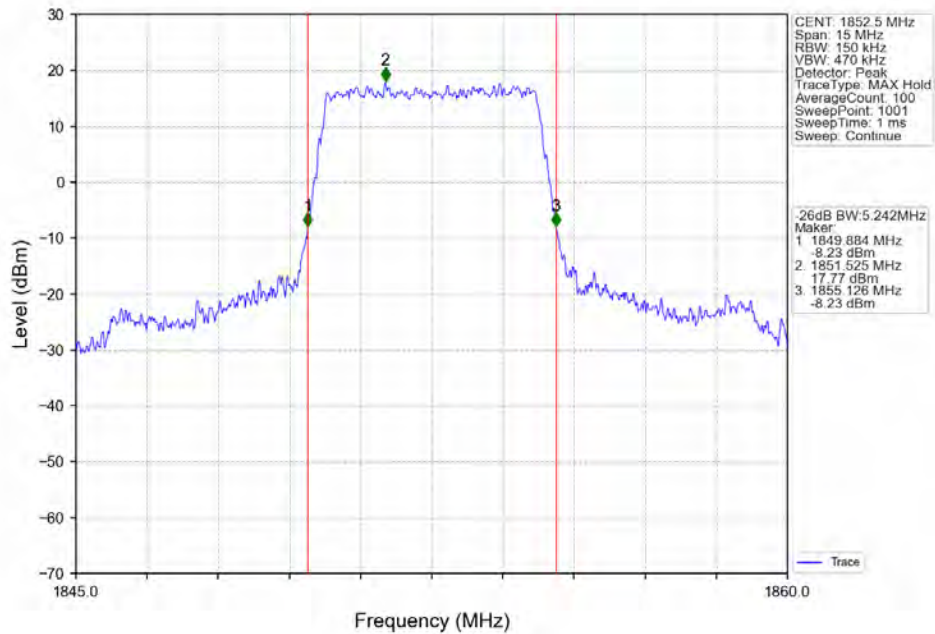
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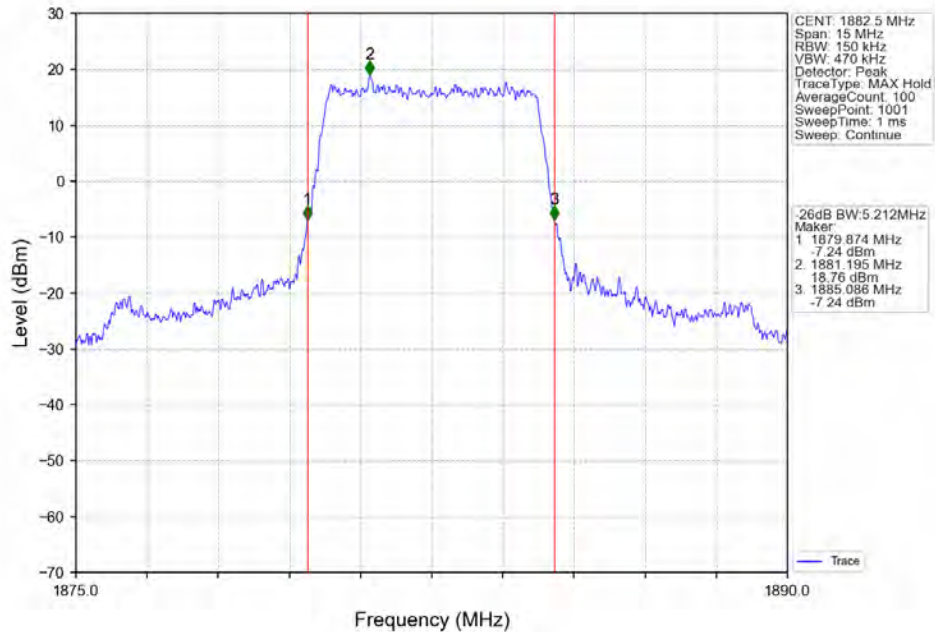
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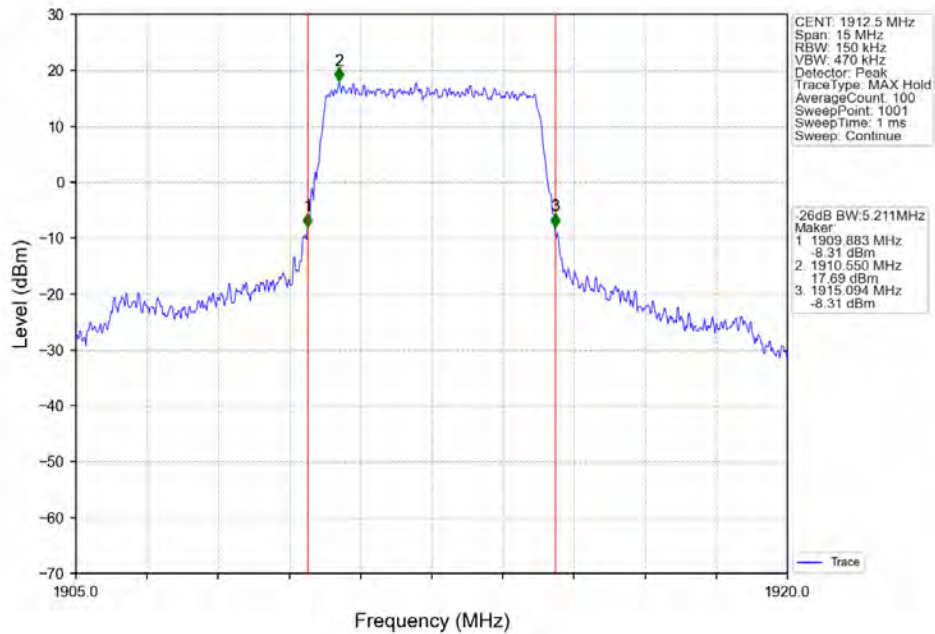
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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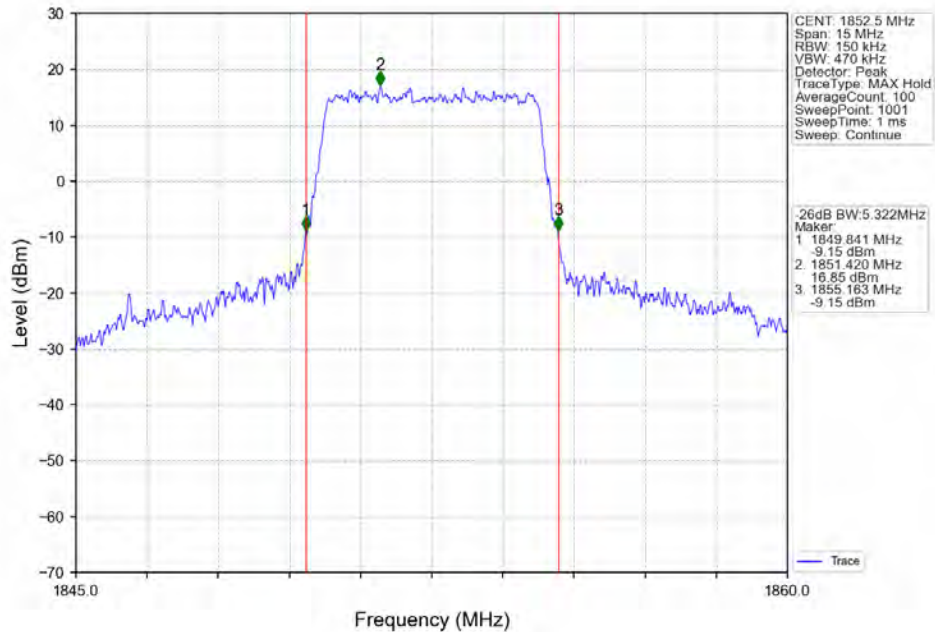
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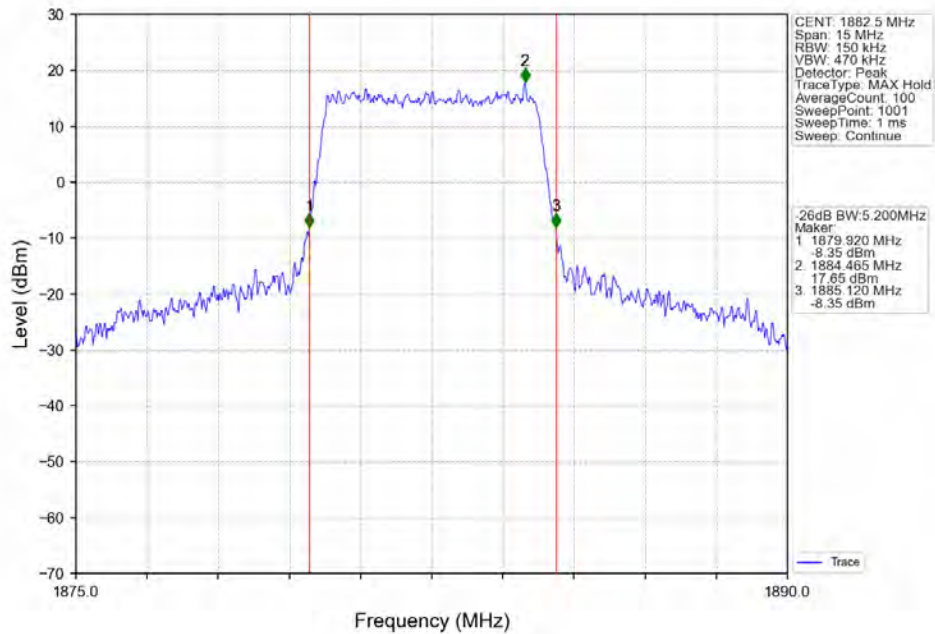
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Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



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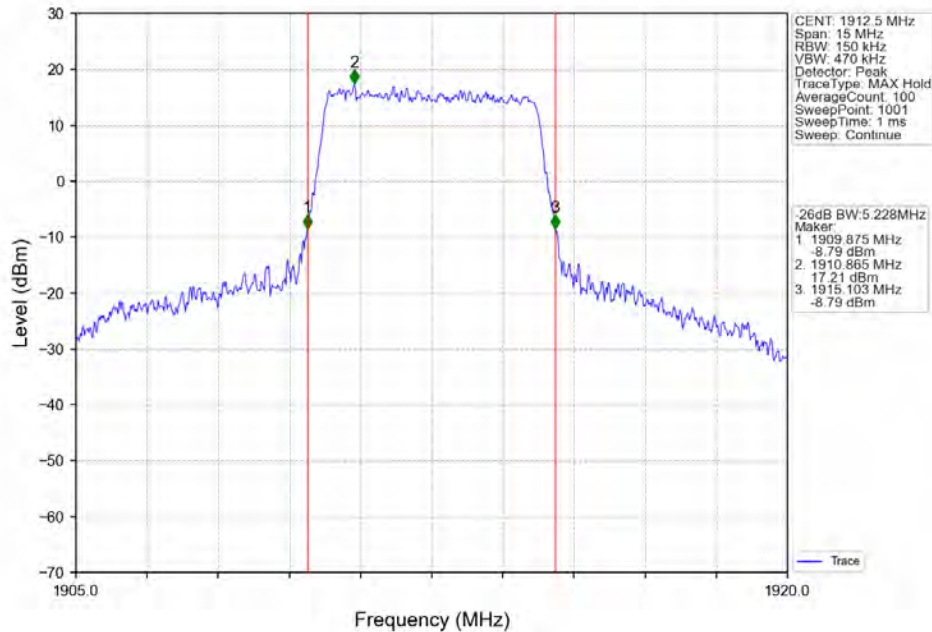
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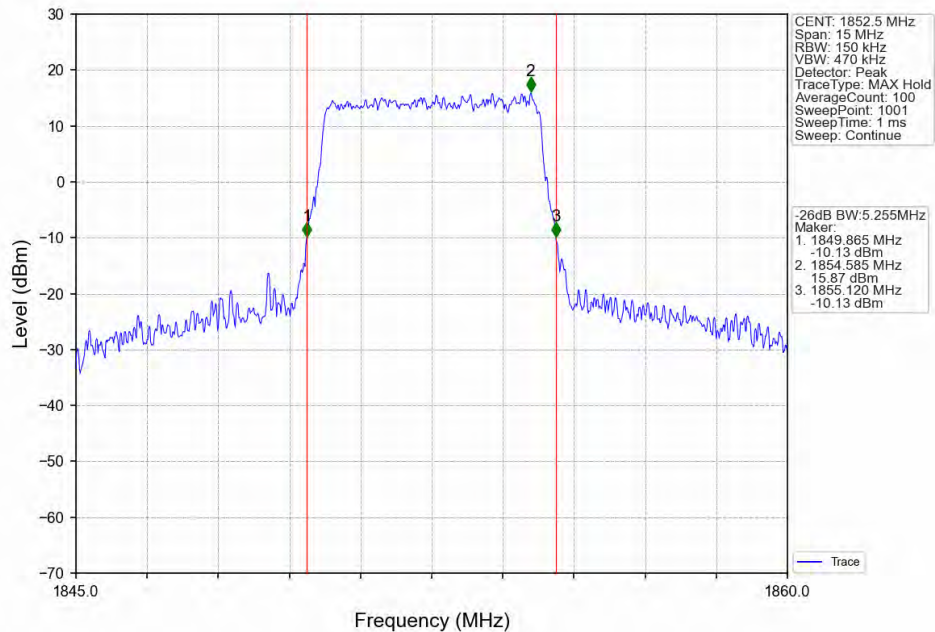
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Band25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



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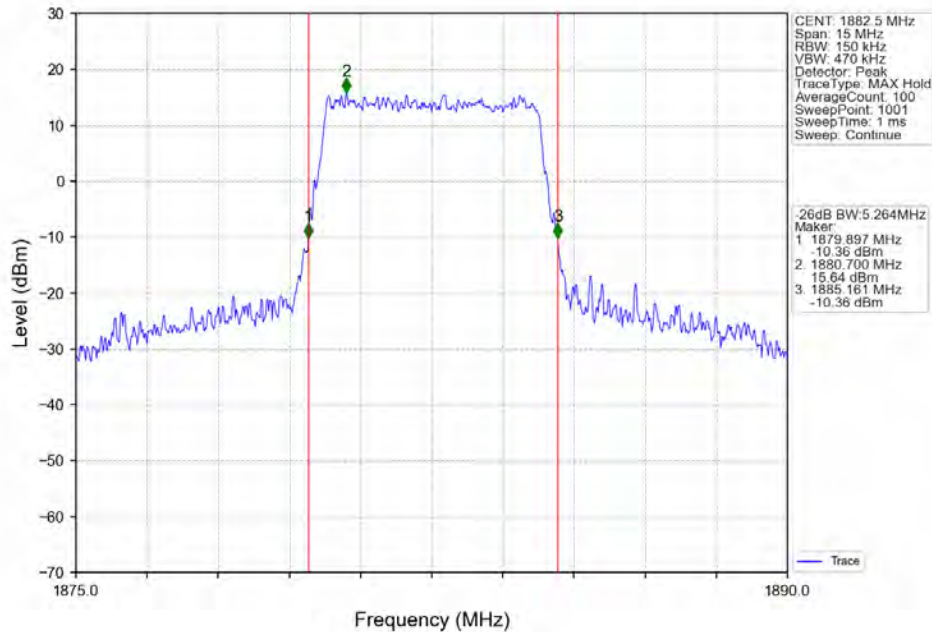
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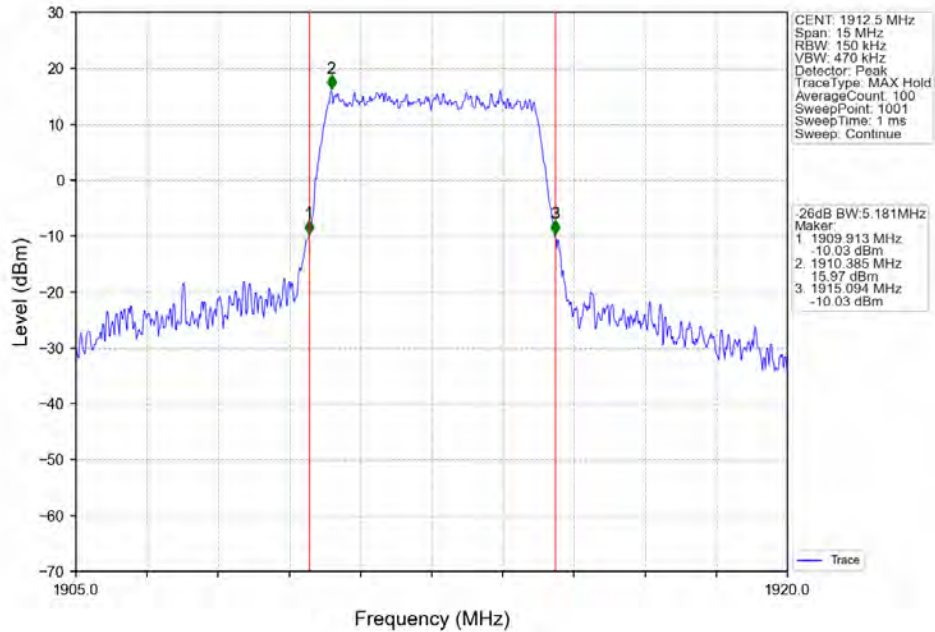
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Band25_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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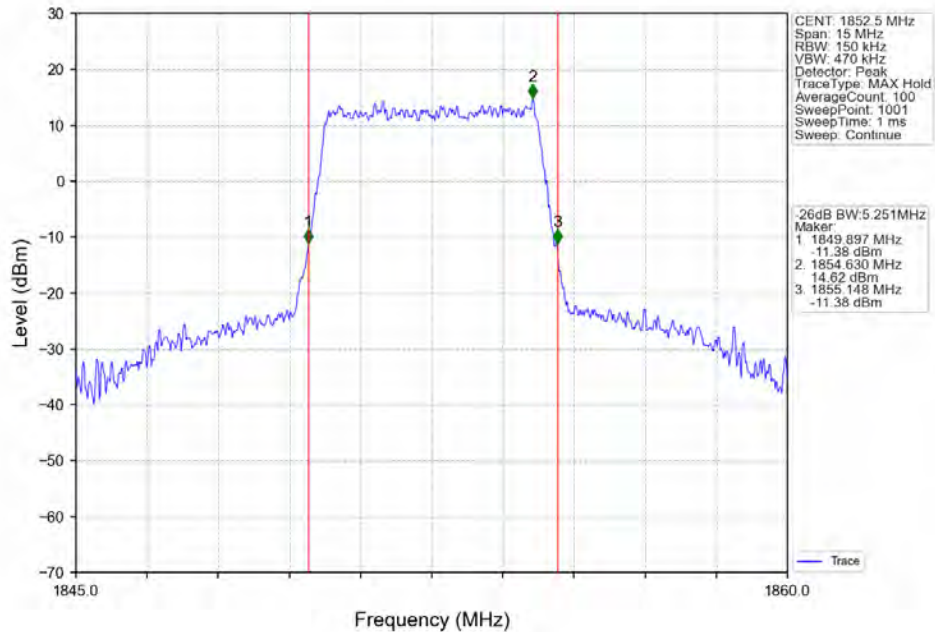
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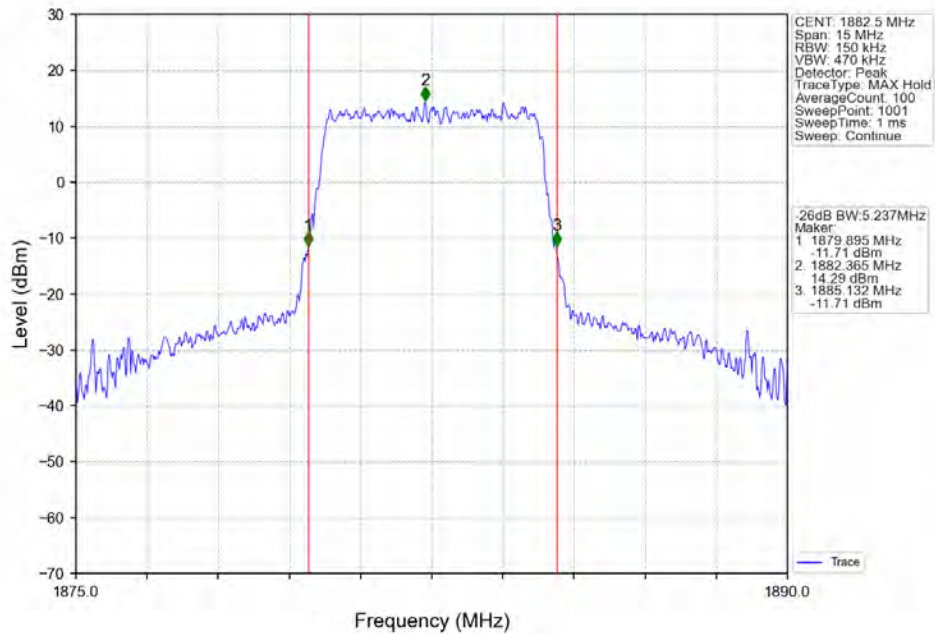
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Band25_5MHz_256QAM_MCH_1882.5MHz_RB_25_0_NTNV



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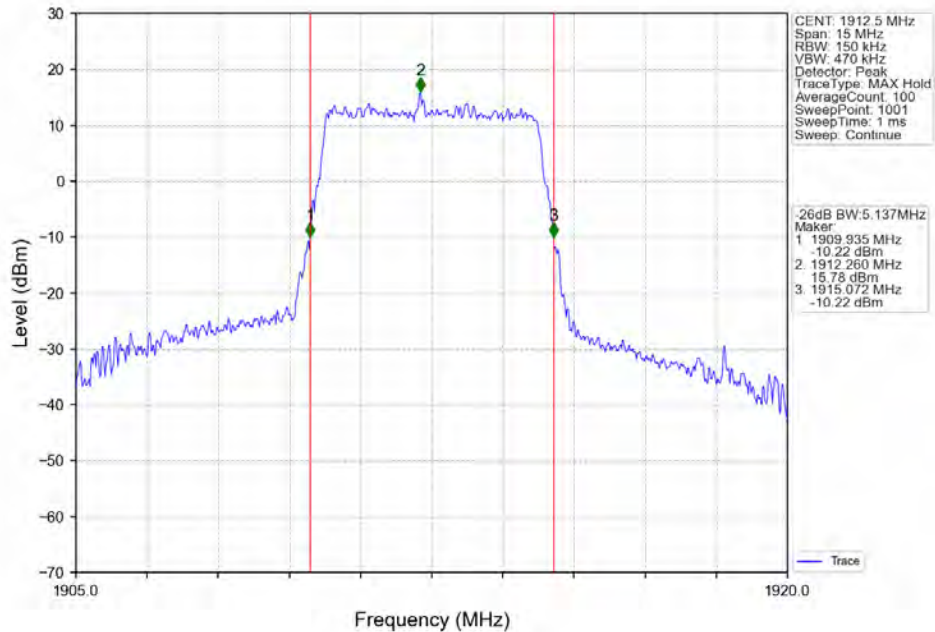
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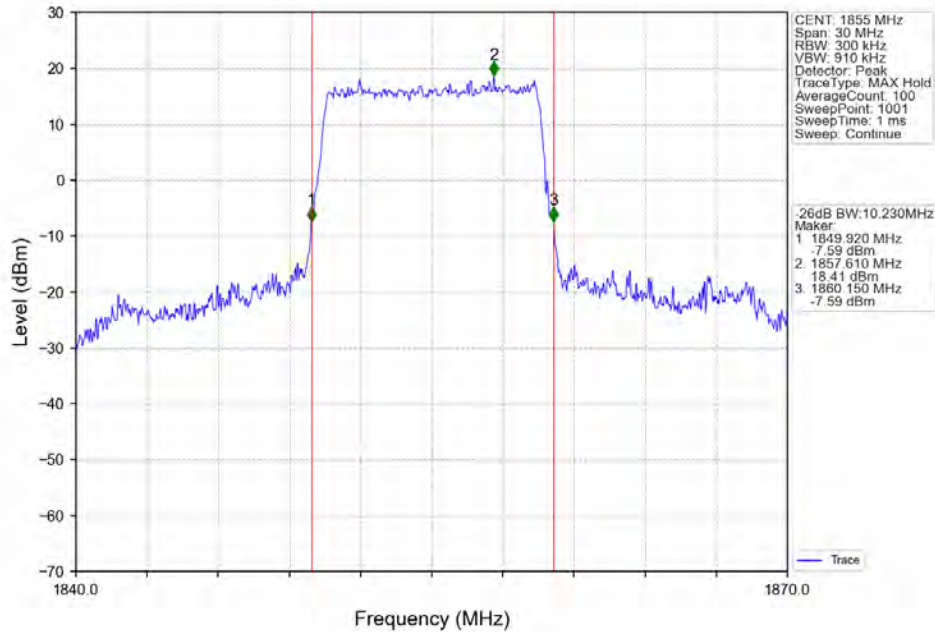
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Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



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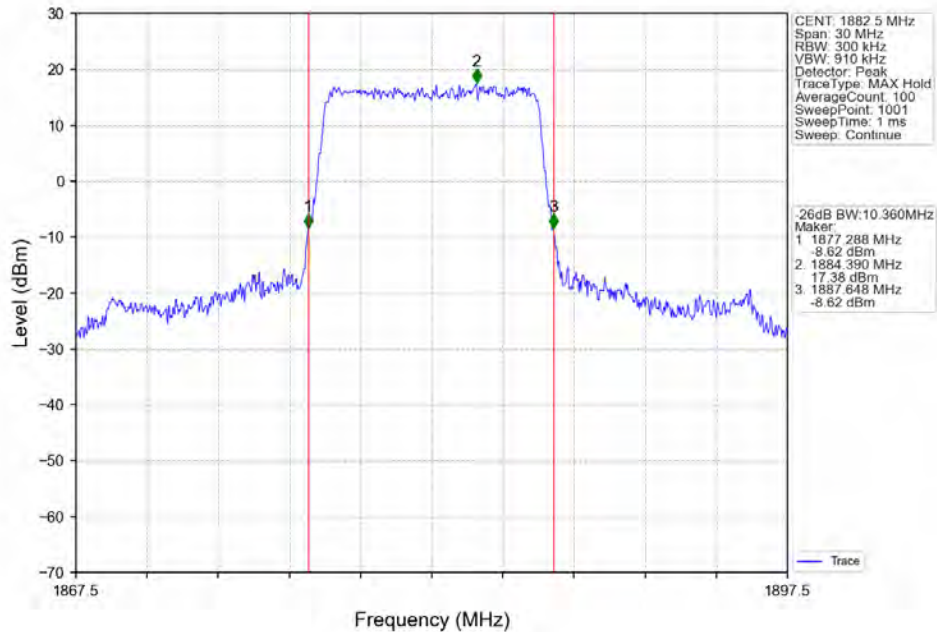
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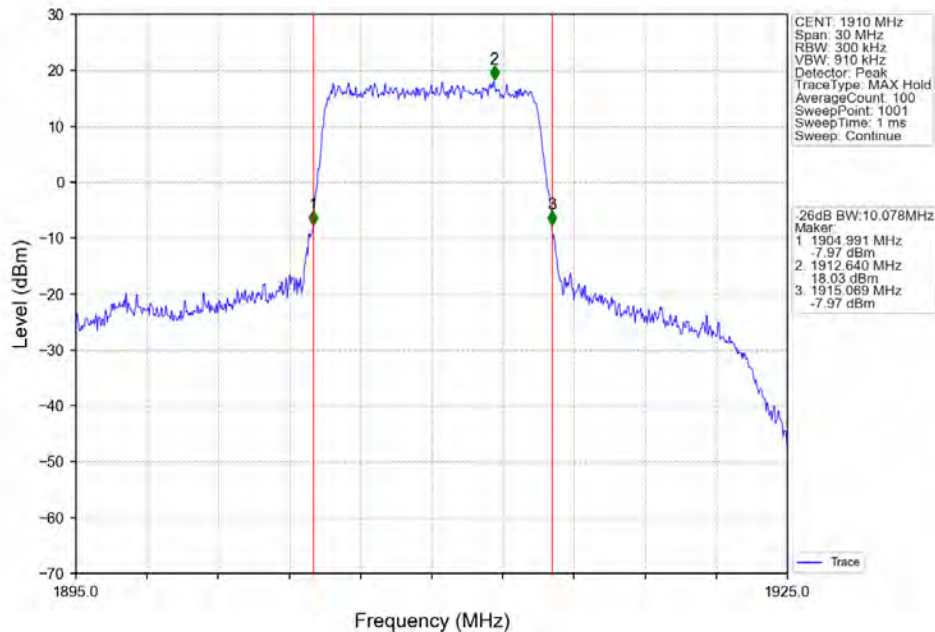
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Band25_10MHz QPSK HCH 1910MHz RB_50_0_NTNV



Band25_10MHz 16QAM LCH 1855MHz RB_50_0_NTNV



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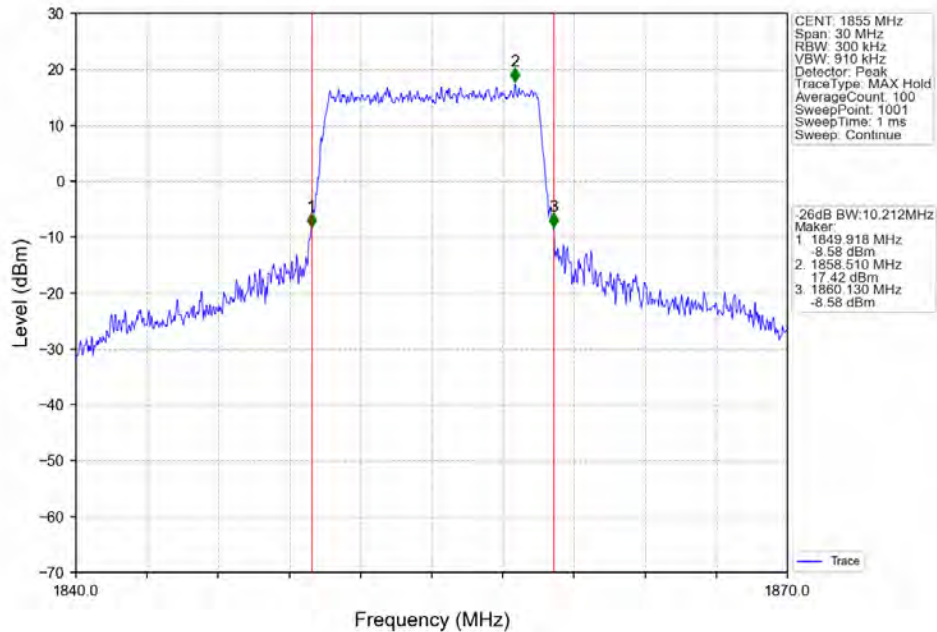
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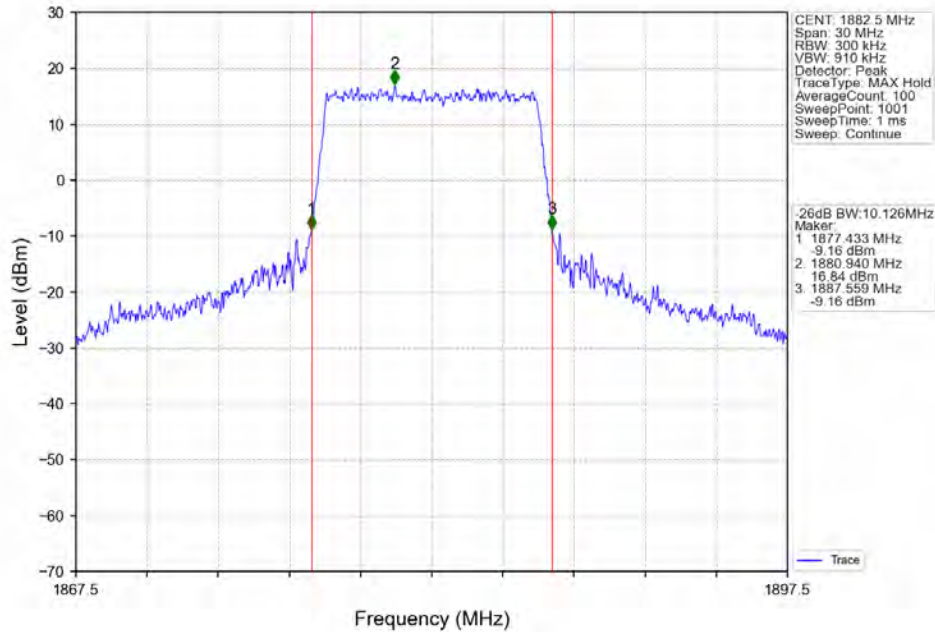
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Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



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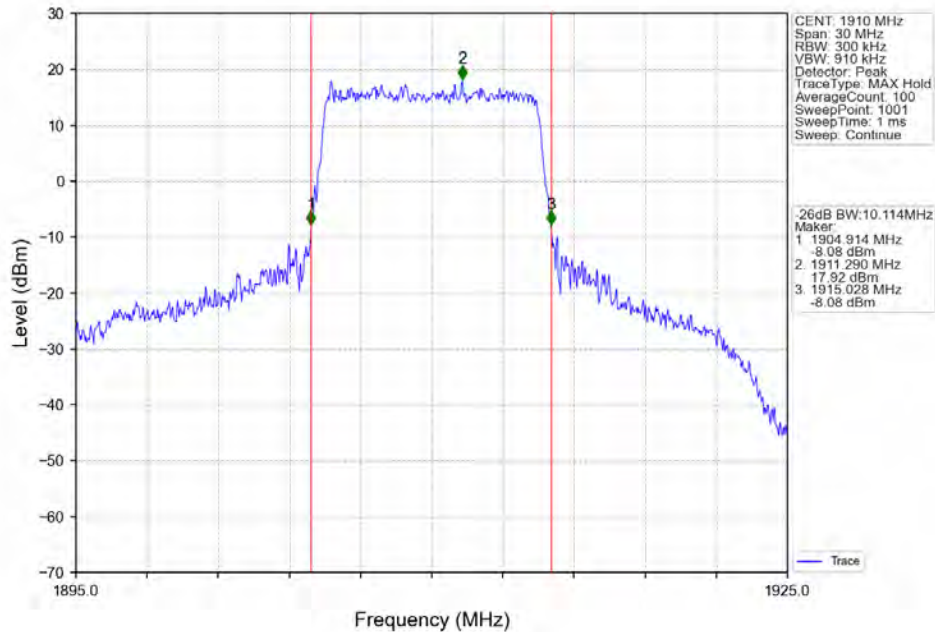
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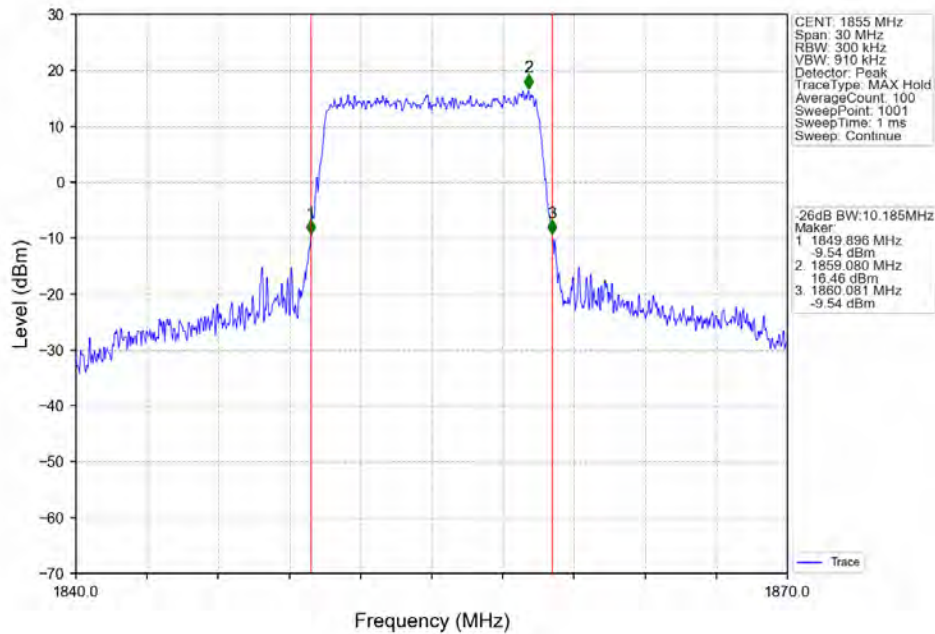
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Band25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



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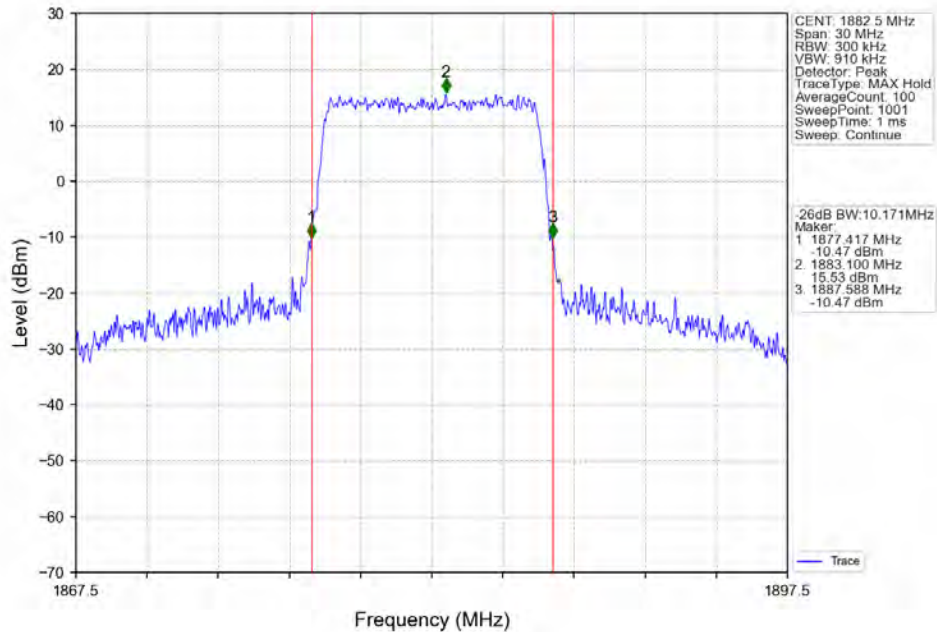
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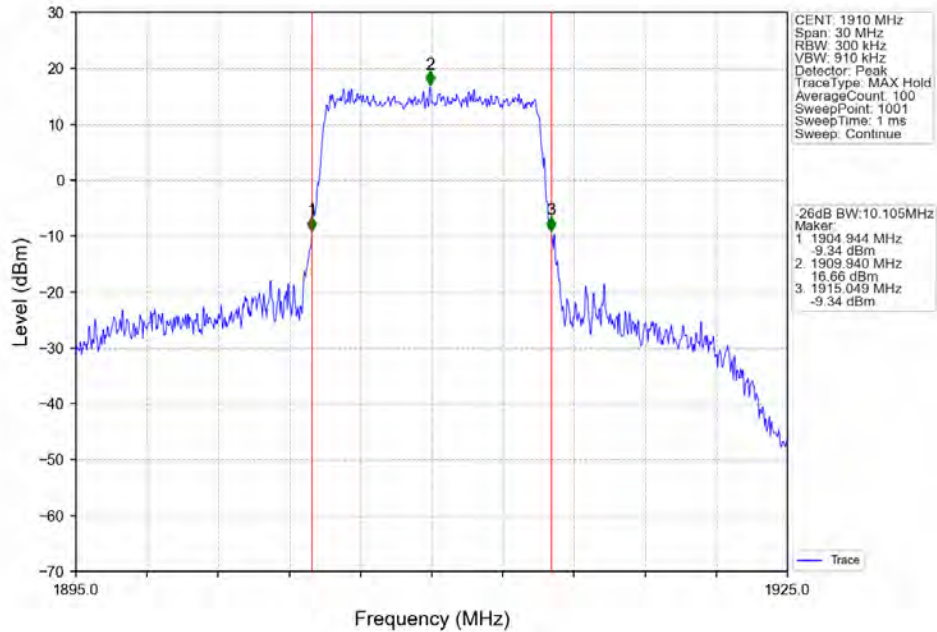
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Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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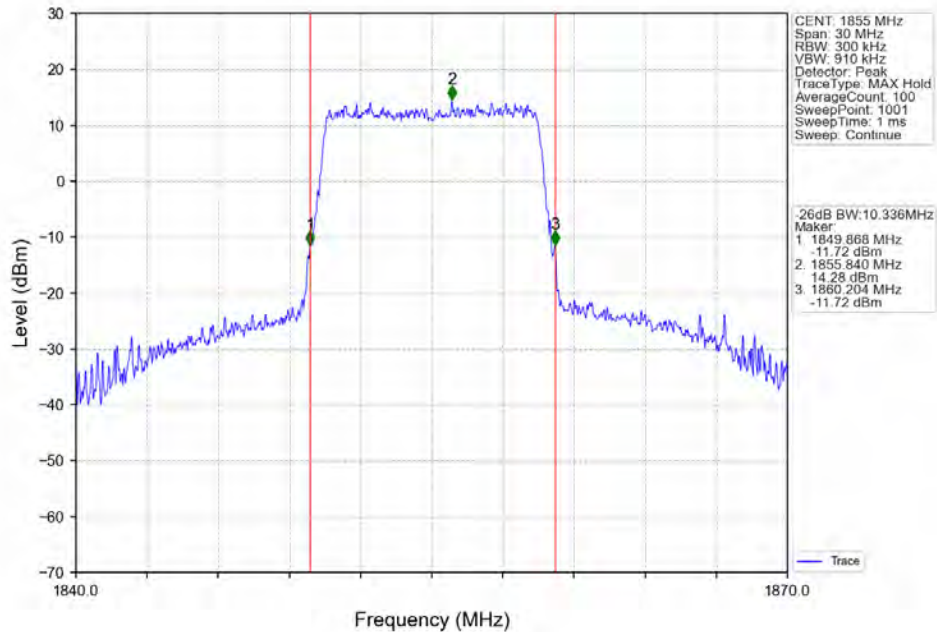
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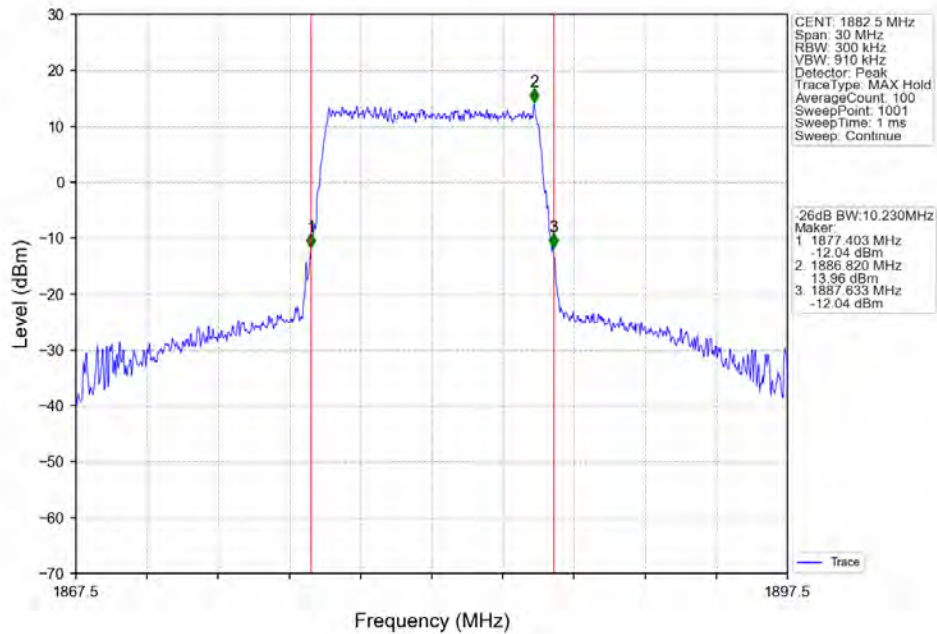
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Band25_10MHz_256QAM_HCH_1910MHz_RB_50_0_NTNV



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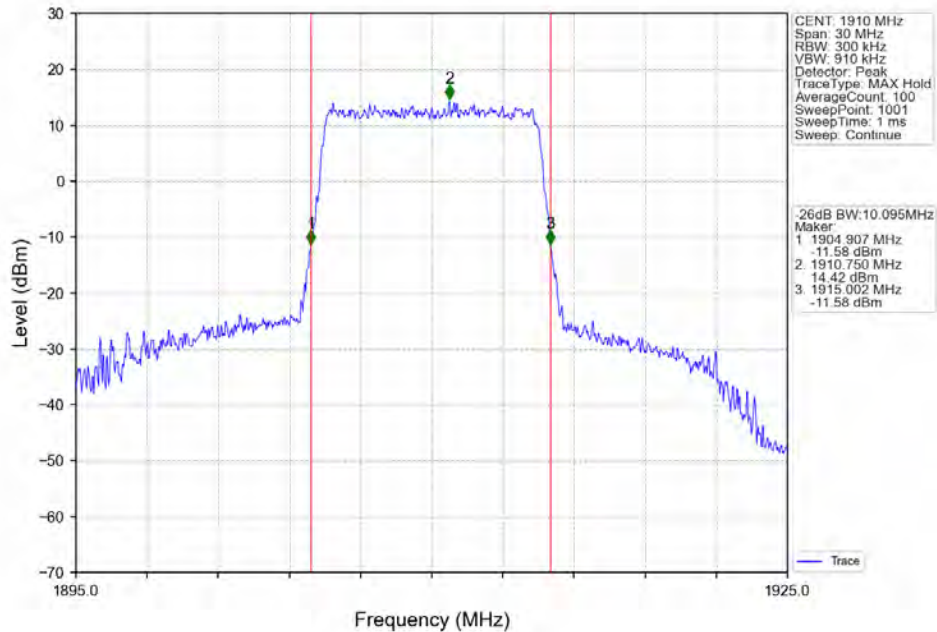
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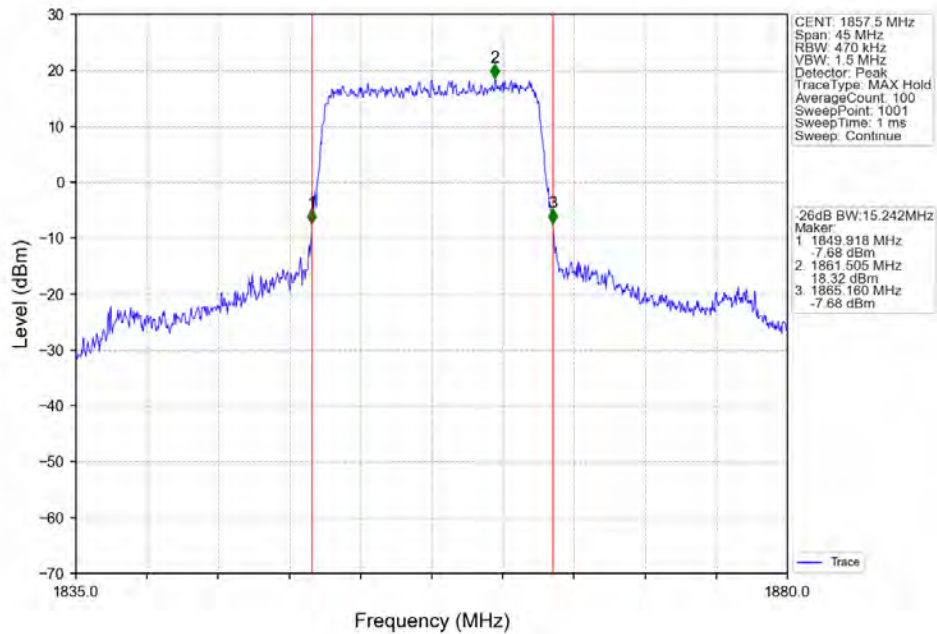
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Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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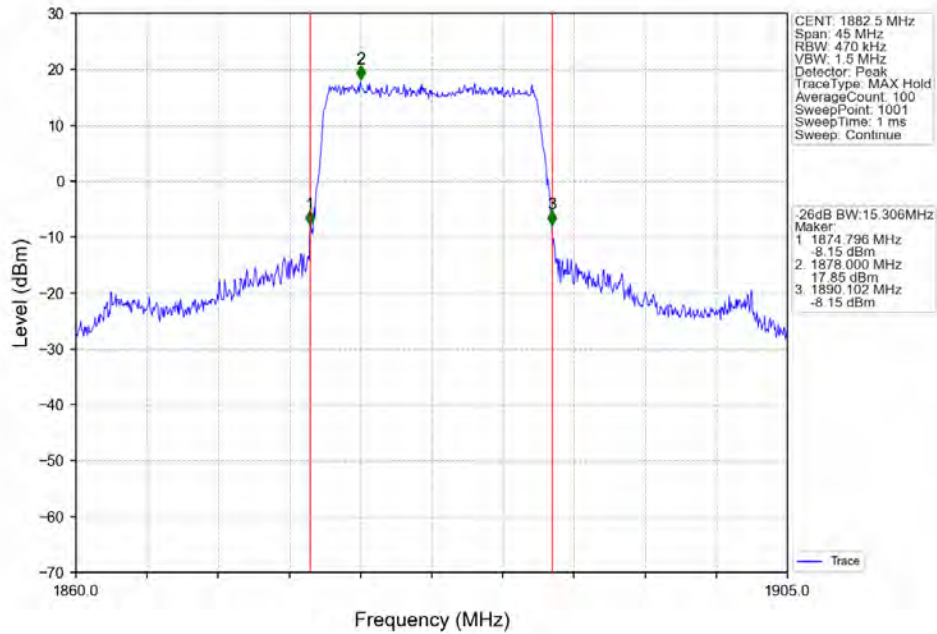
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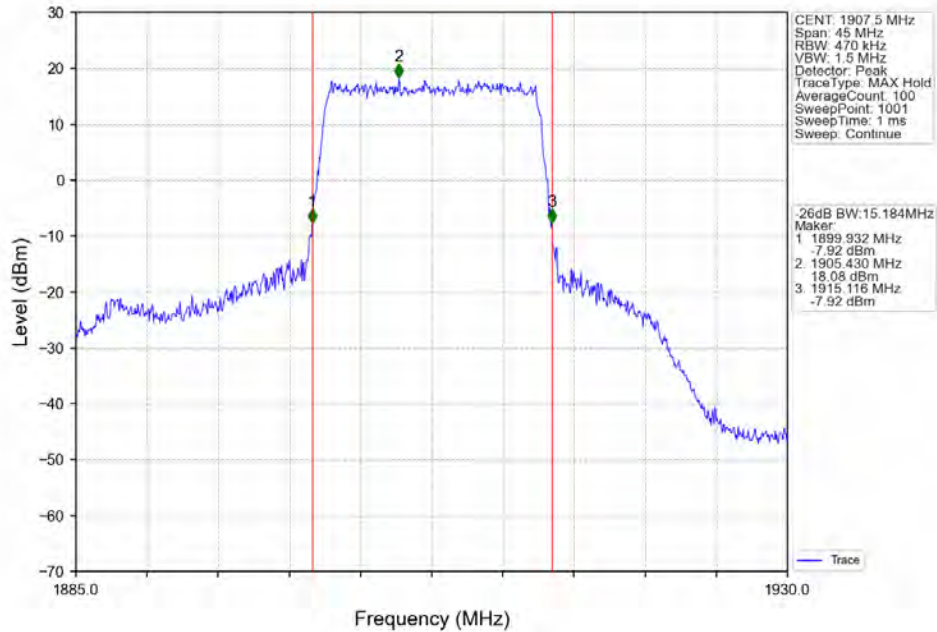
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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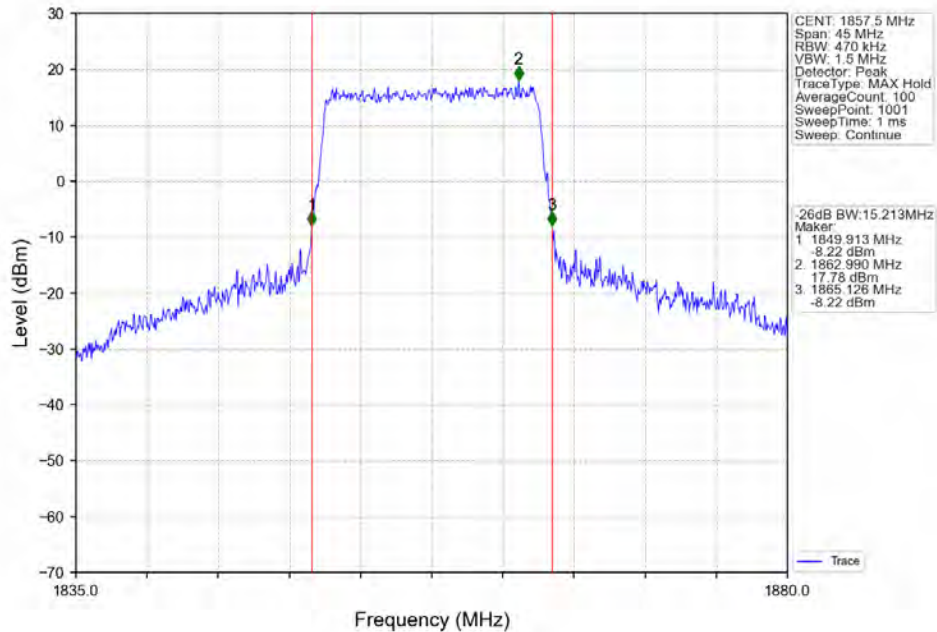
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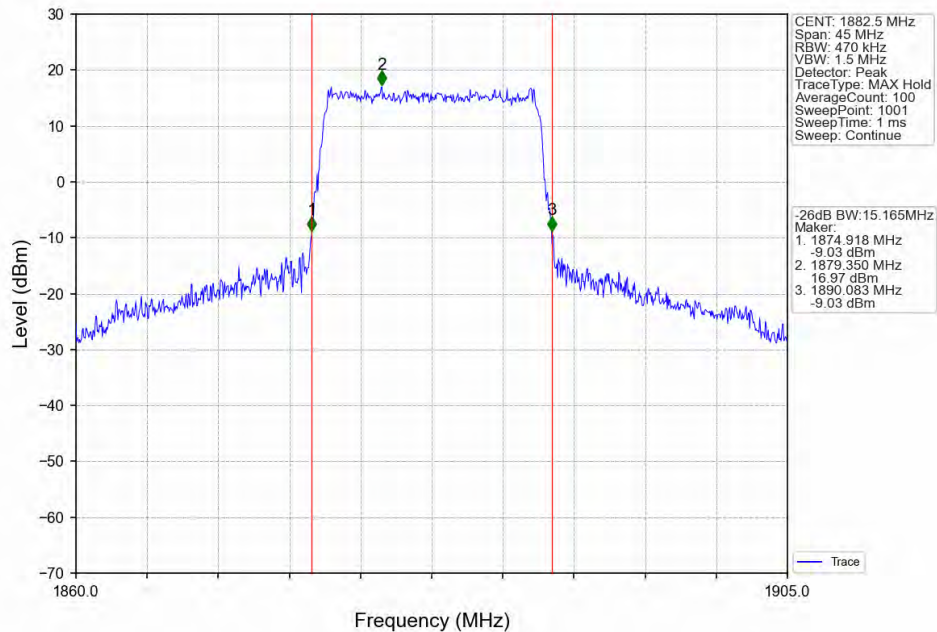
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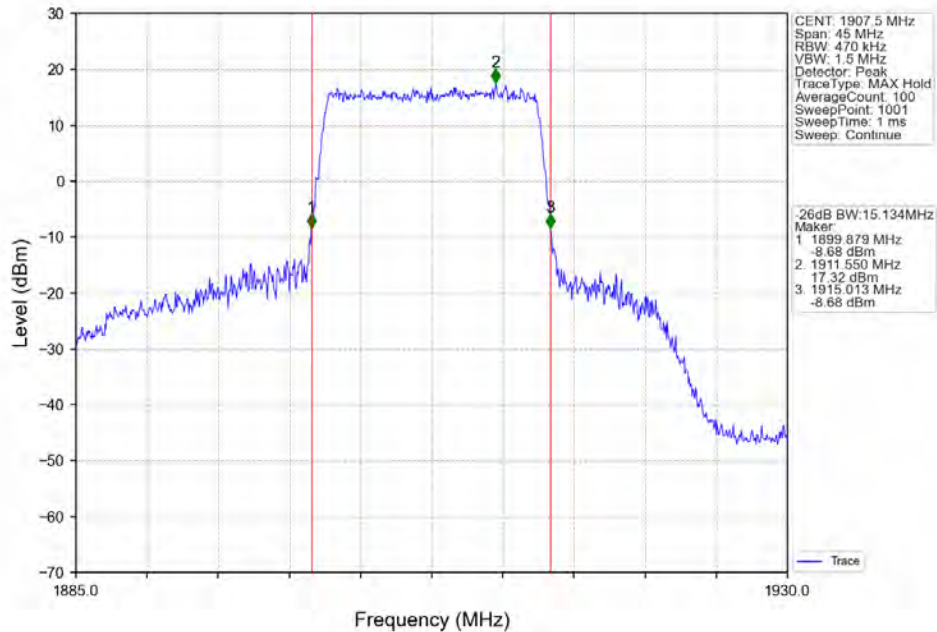
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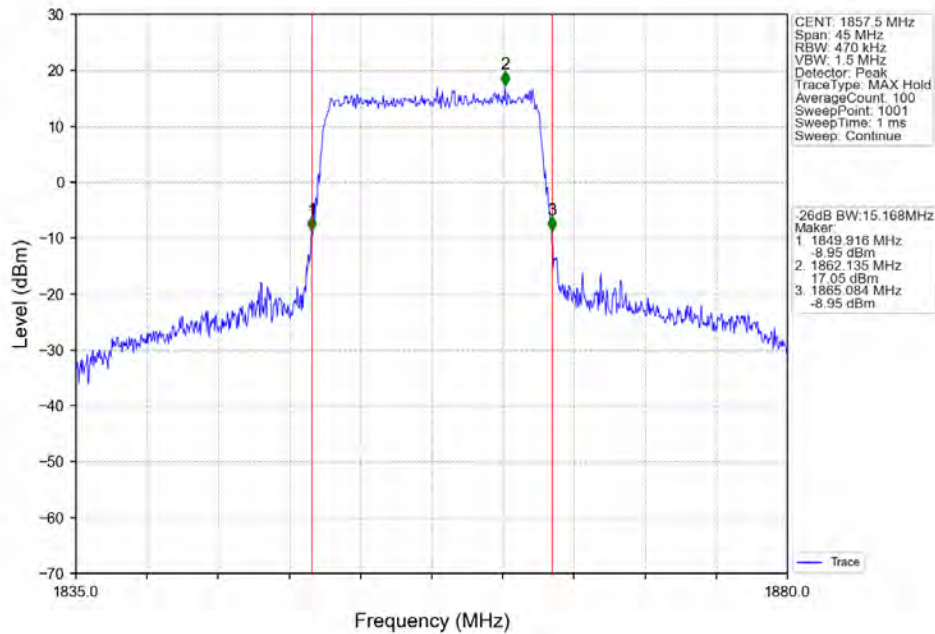
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Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



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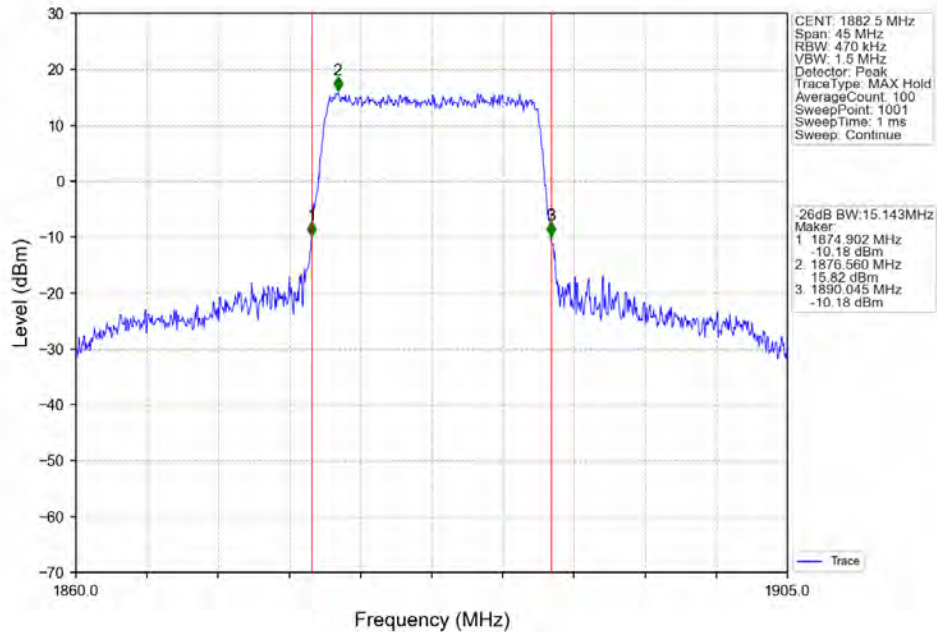
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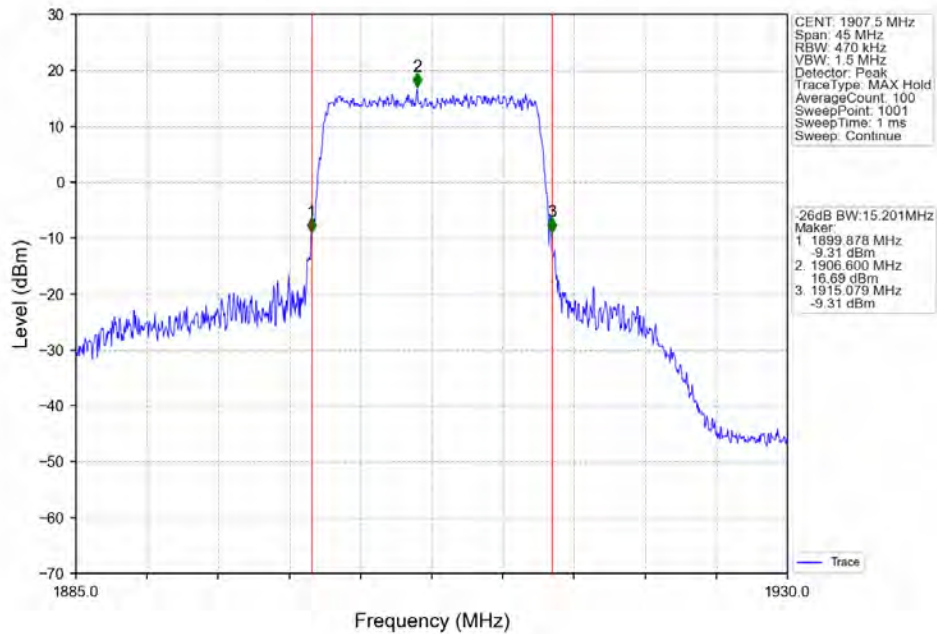
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Band25_15MHz_256QAM_LCH_1857.5MHz_RB_75_0_NTNV



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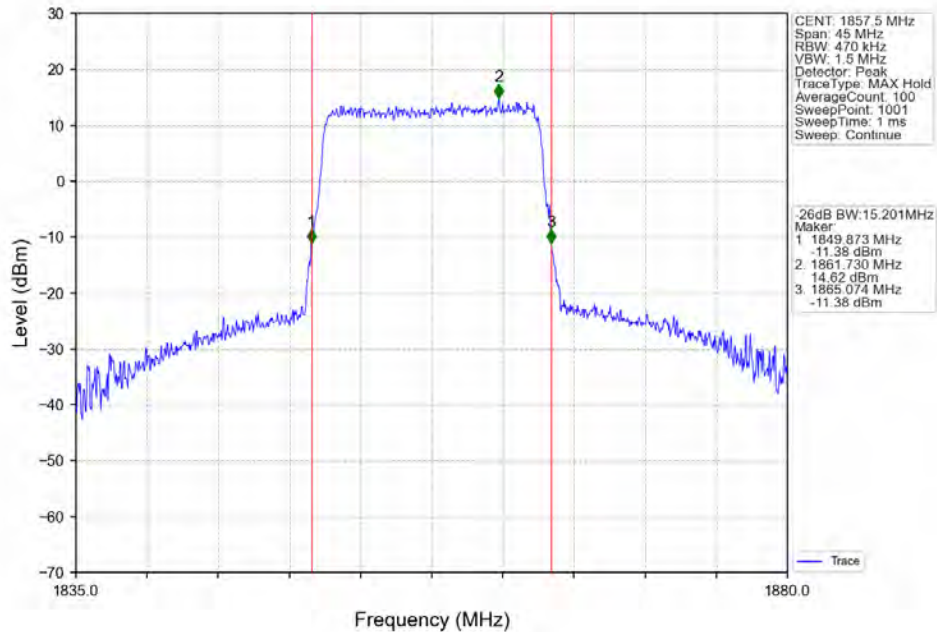
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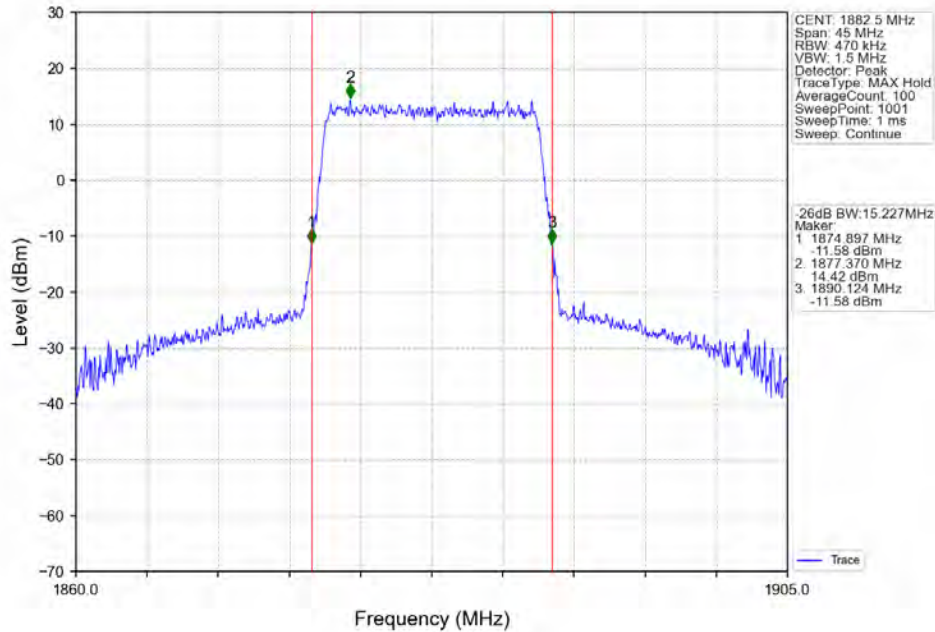
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Band25_15MHz_256QAM_HCH_1907.5MHz_RB_75_0_NTNV



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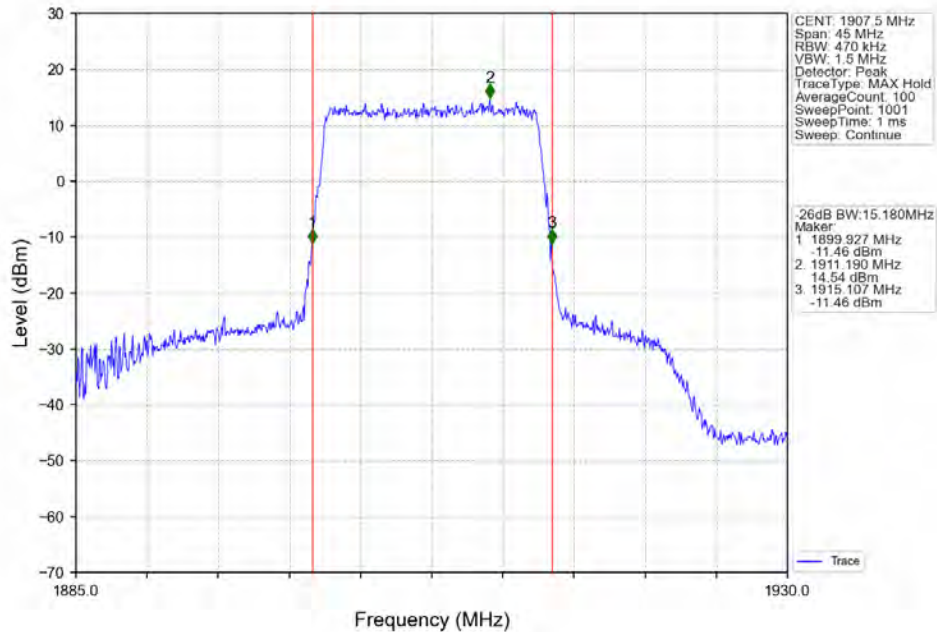
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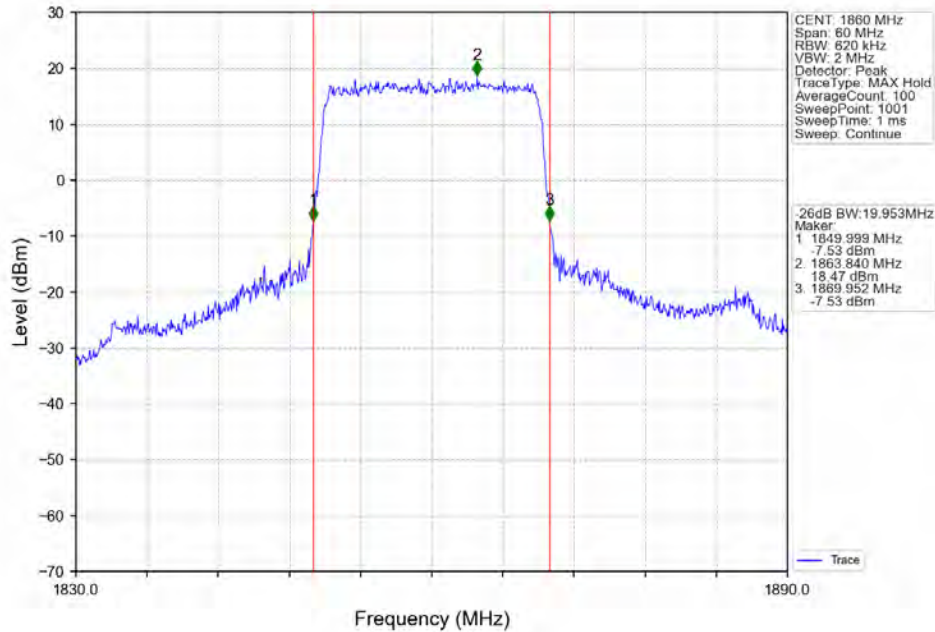
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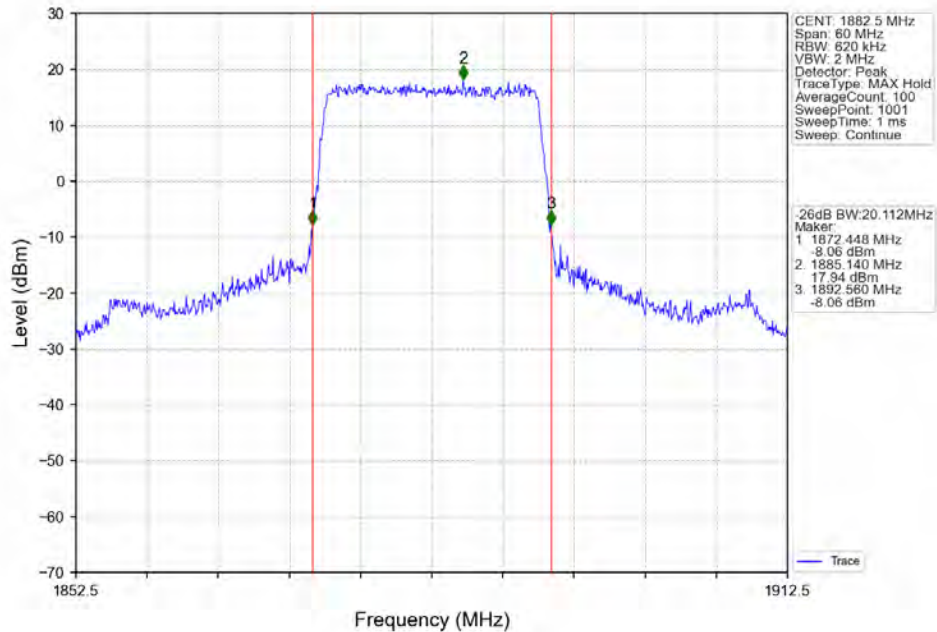
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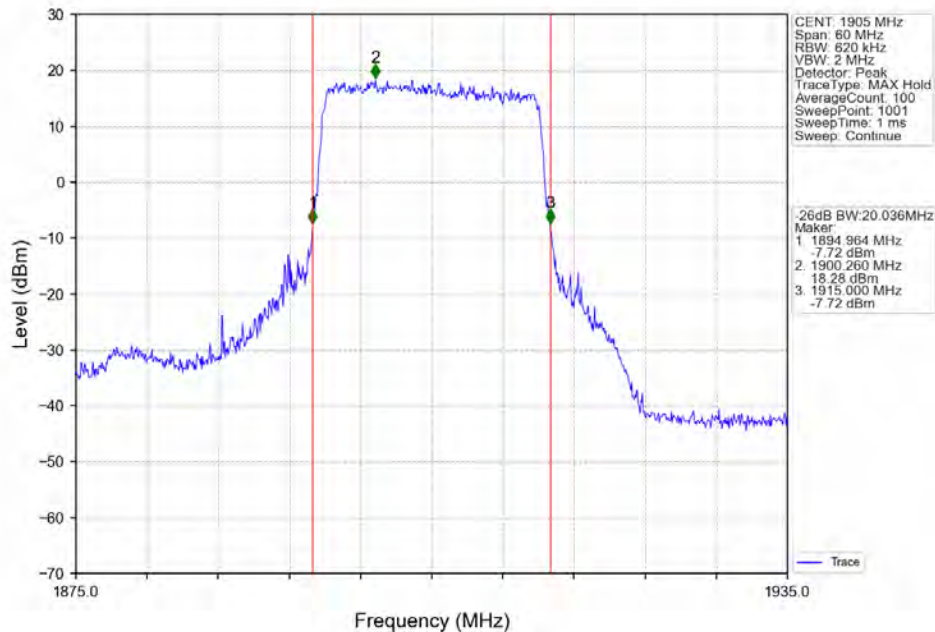
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Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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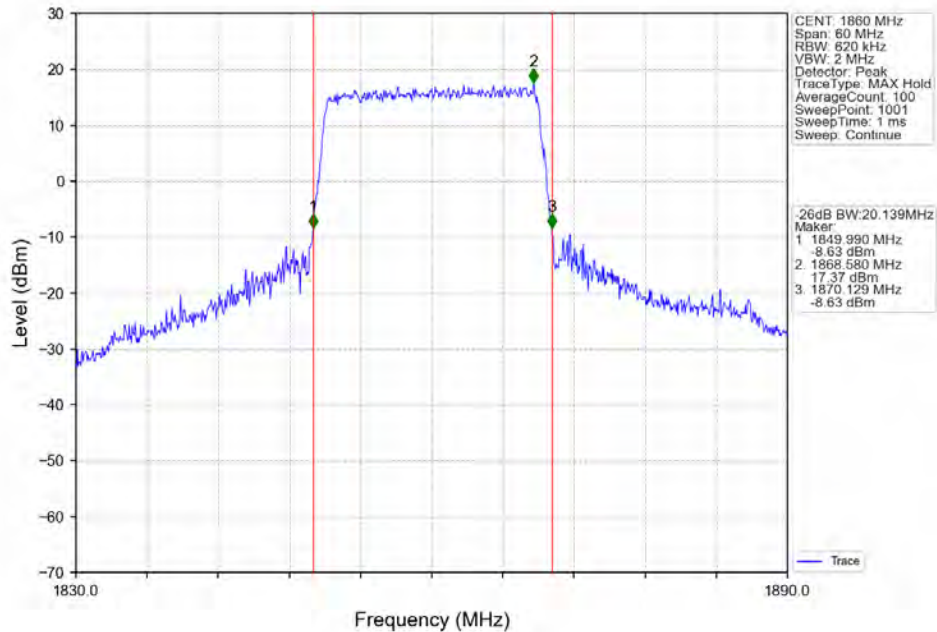
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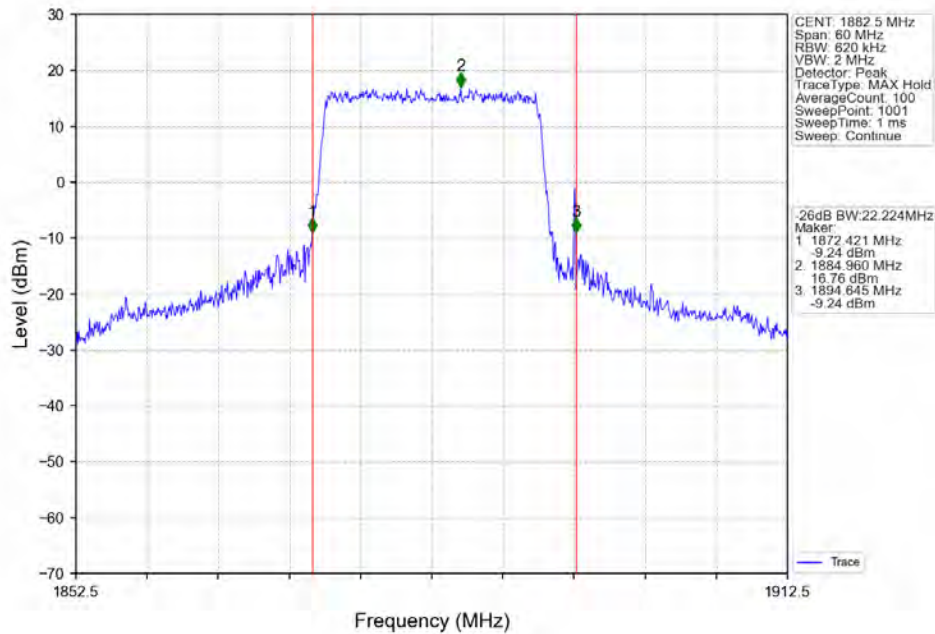
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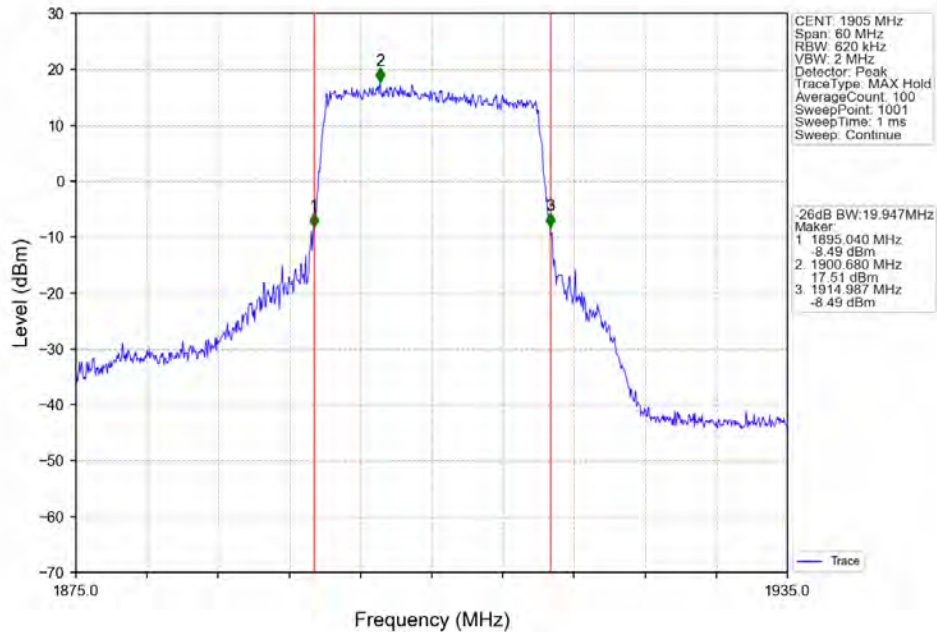
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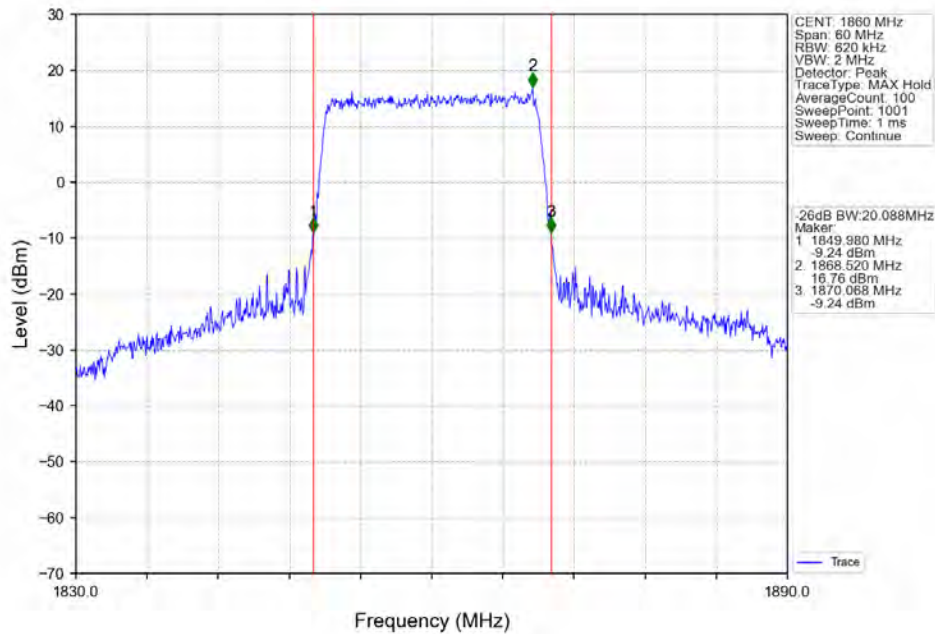
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Band25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



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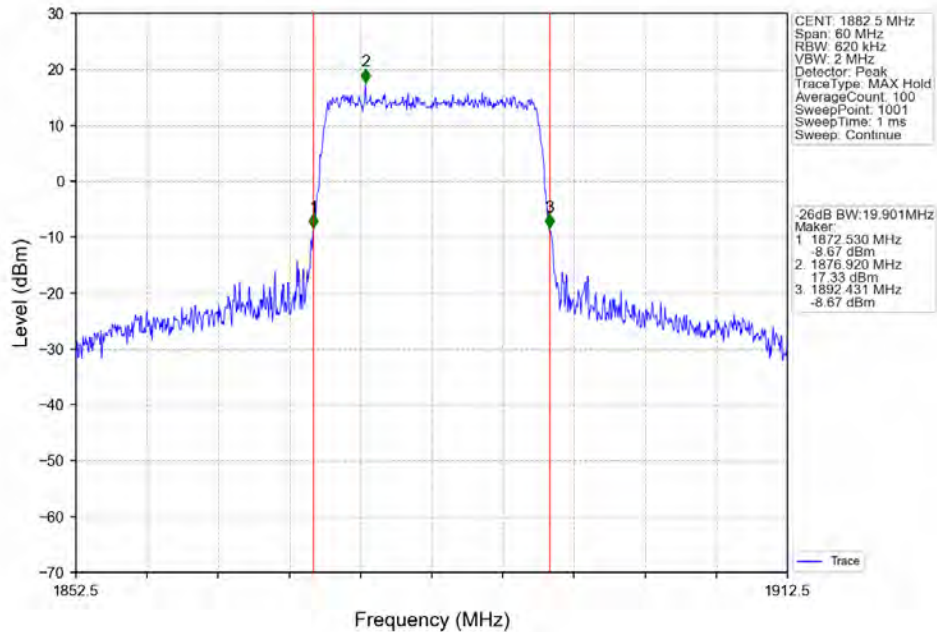
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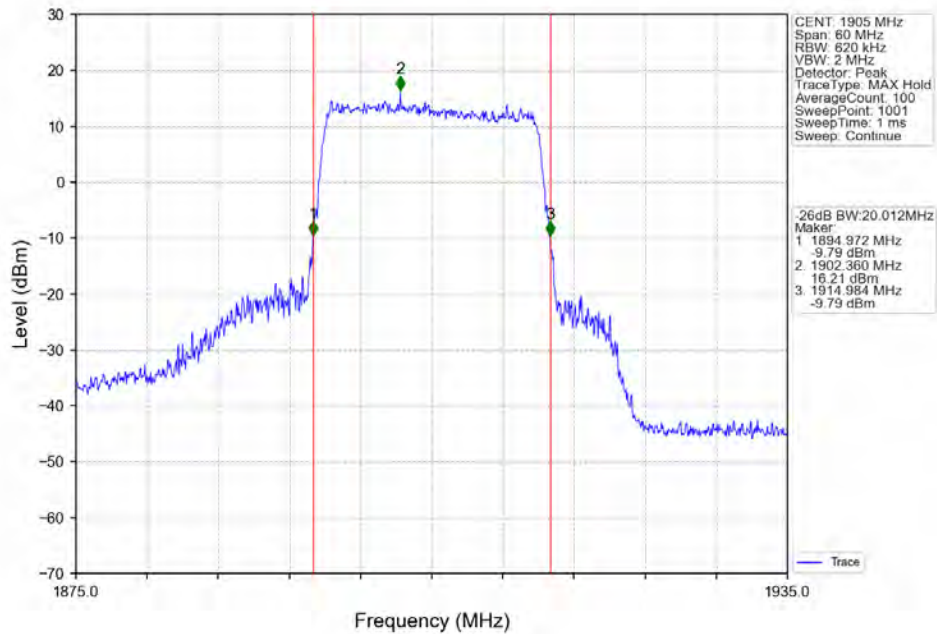
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Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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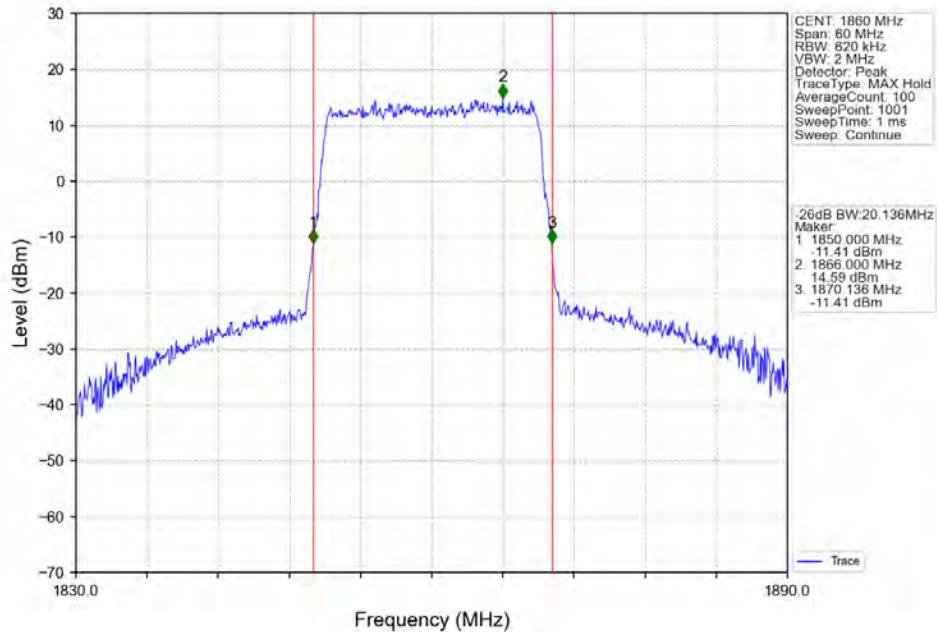
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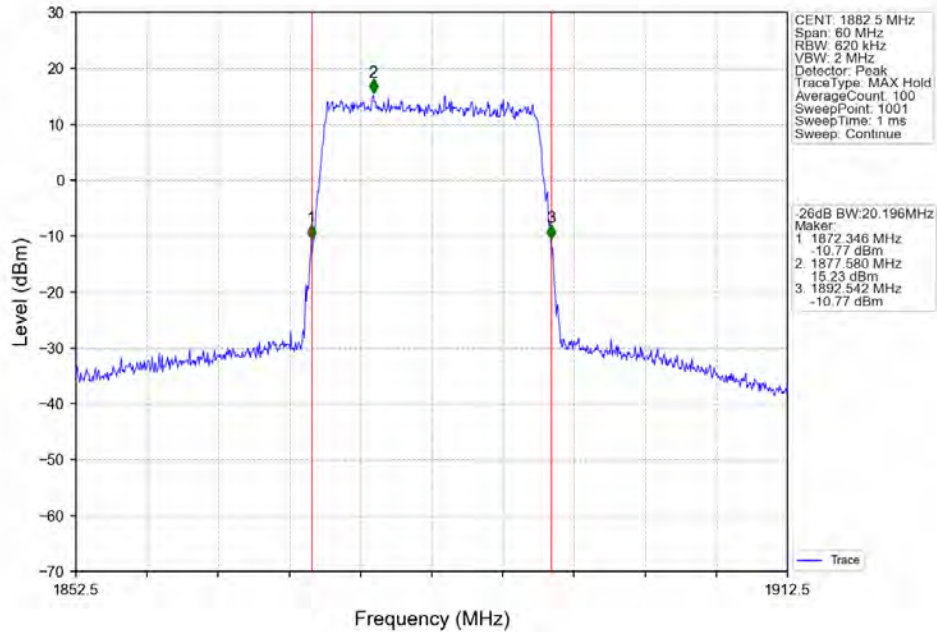
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Band25_20MHz_256QAM_HCH_1905MHz_RB_100_0_NTNV



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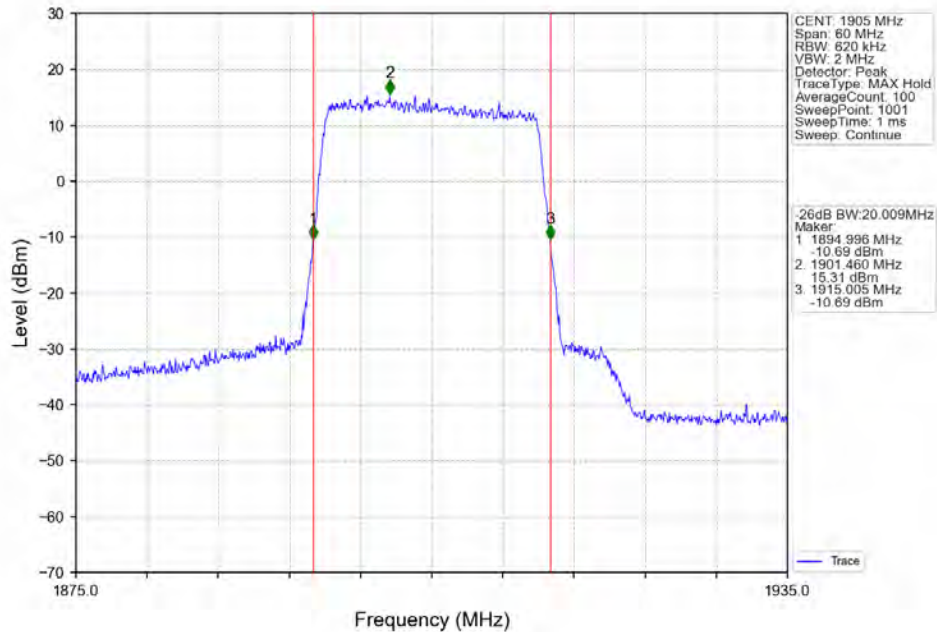
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5. Peak-Average Ratio

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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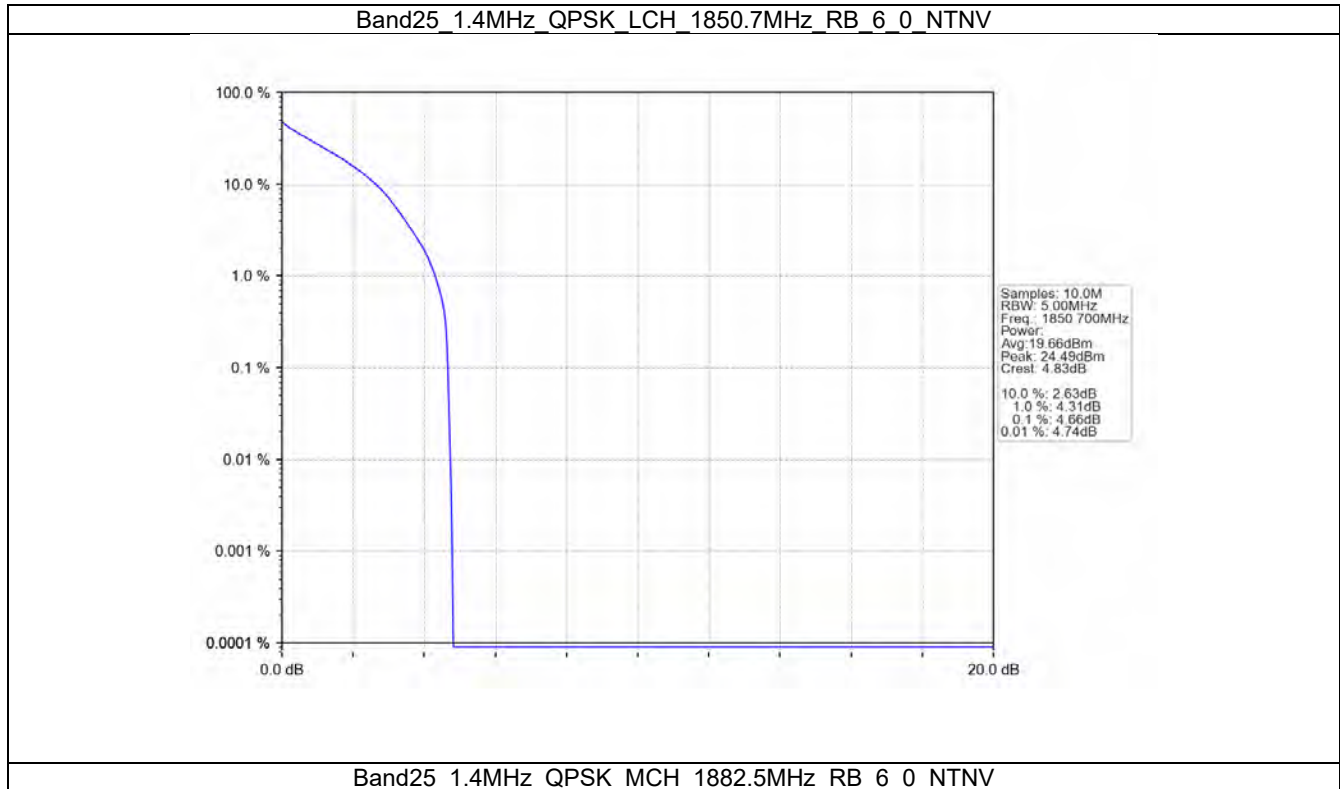
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5.1.2 Test Graph



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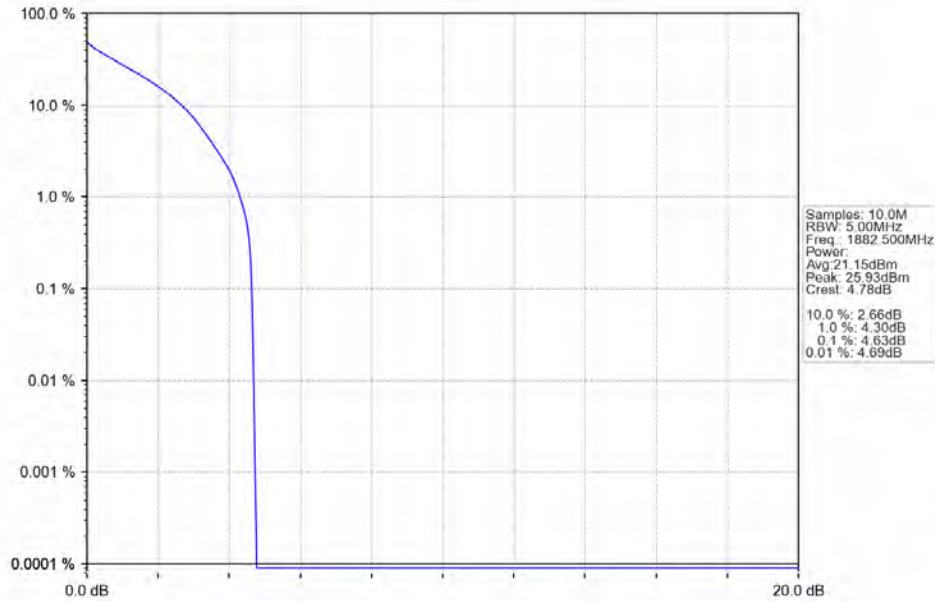
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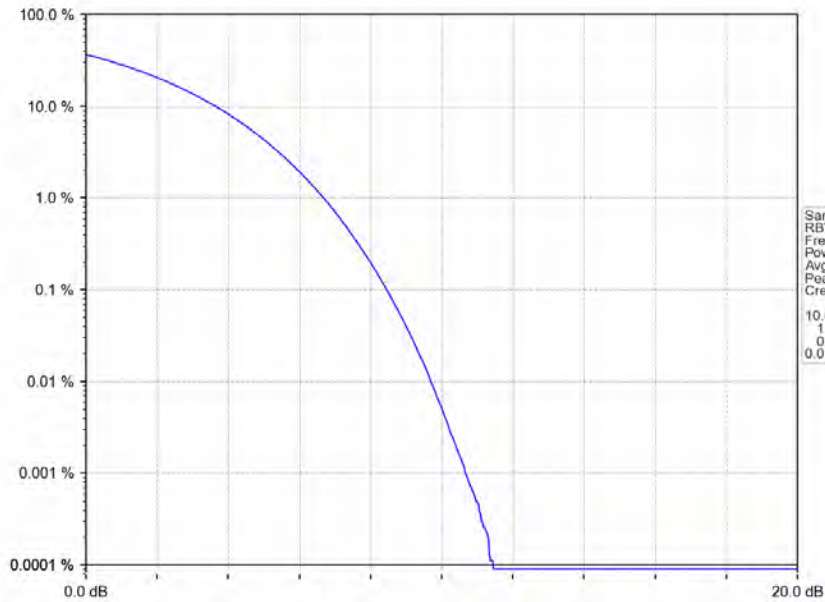
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Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



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



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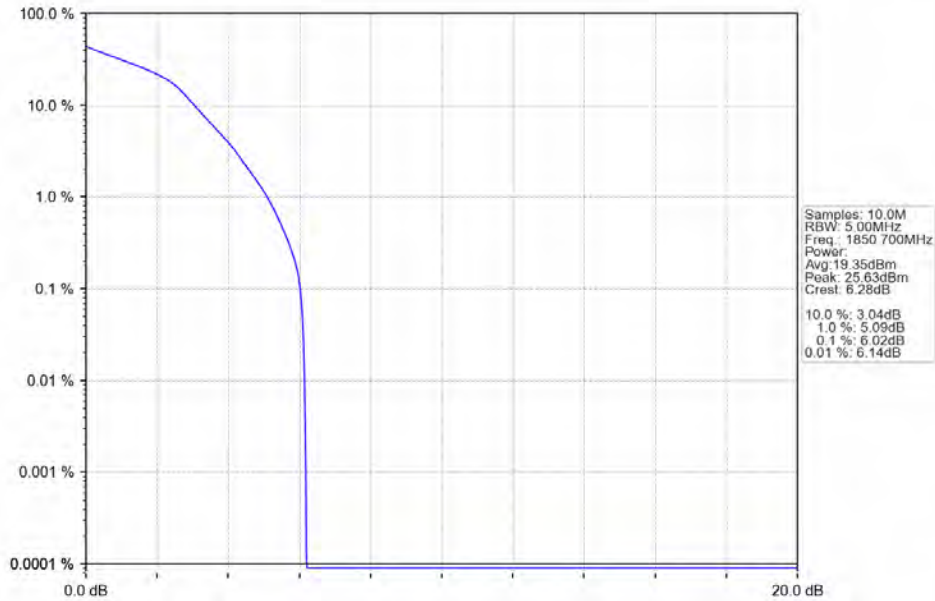
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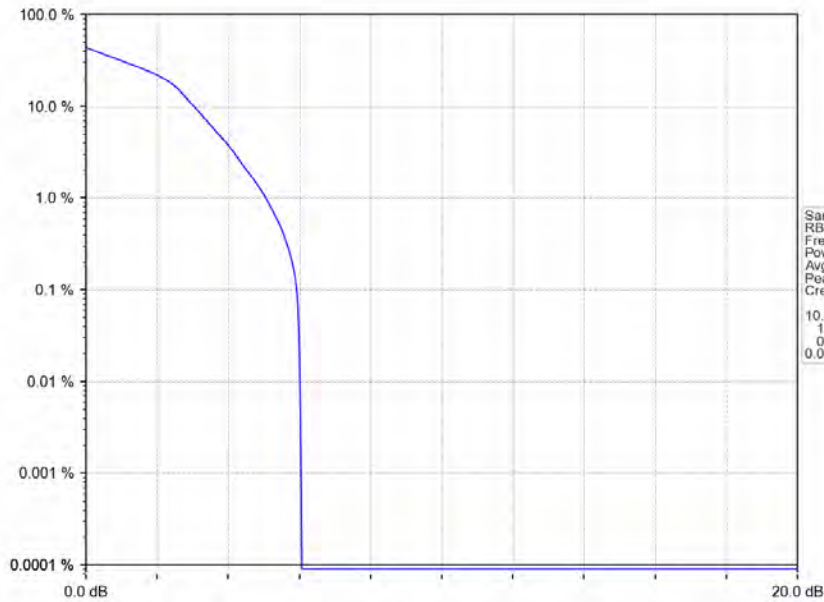
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Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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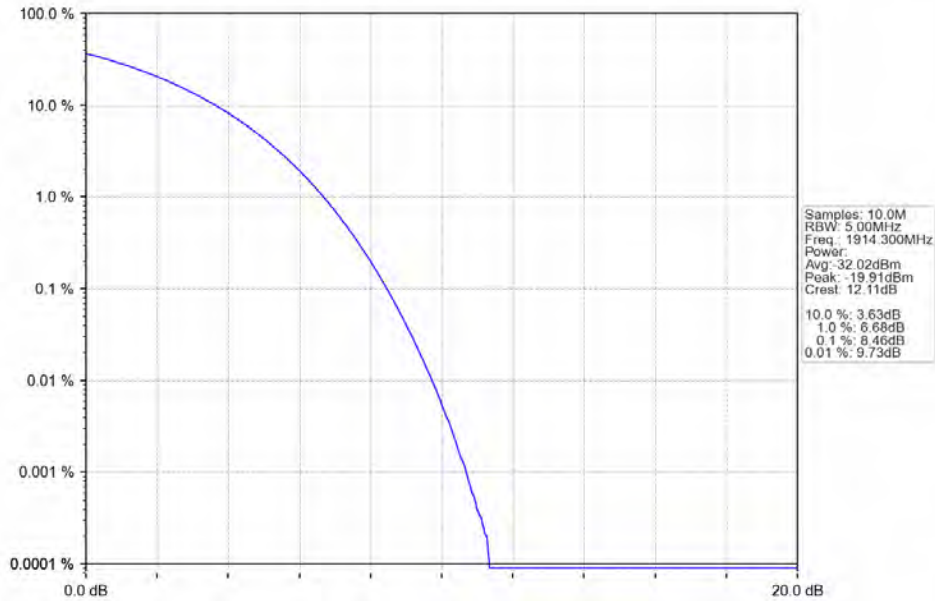
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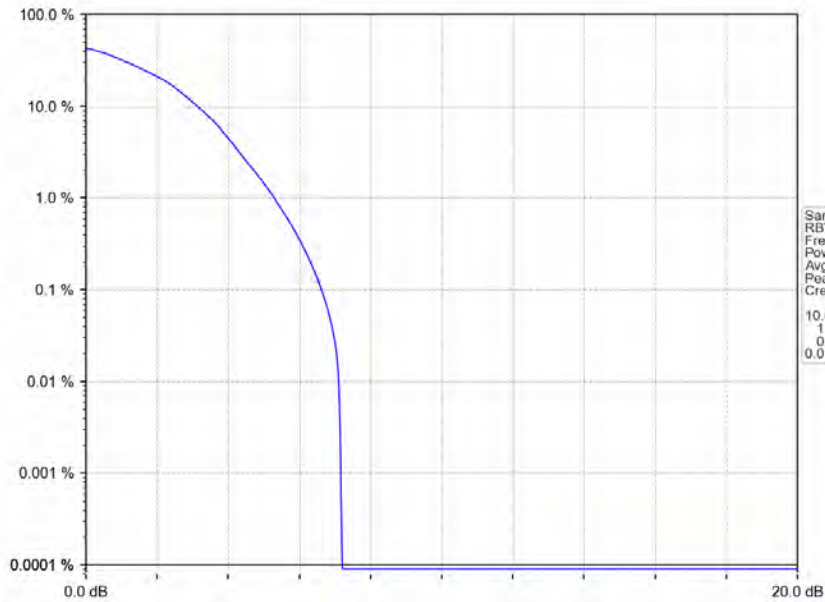
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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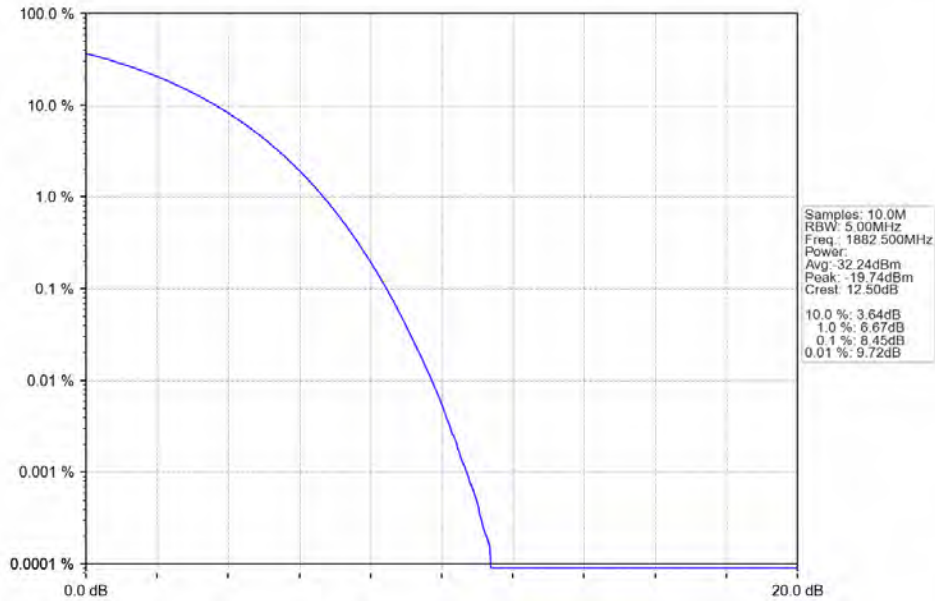
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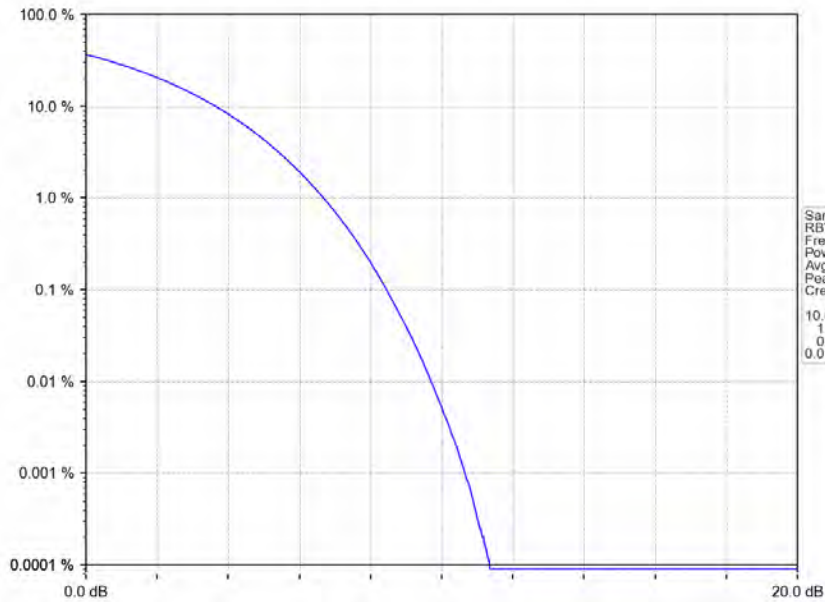
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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1914.300MHz
Power:
Avg: 33.52dBm
Peak: -21.33dBm
Crest: 12.19dB
10.0 %: 3.64dB
1.0 %: 6.67dB
0.1 %: 8.45dB
0.01 %: 9.70dB

Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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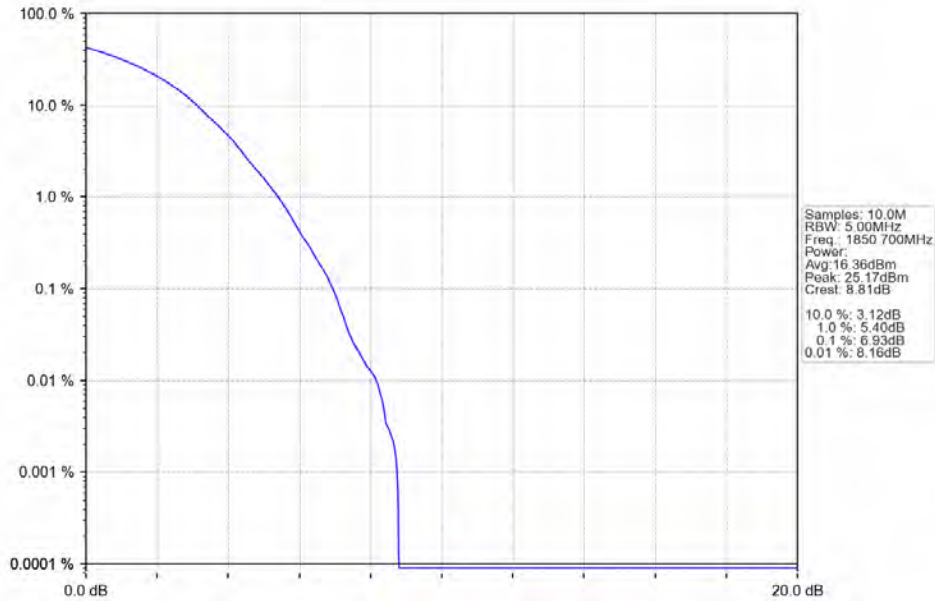
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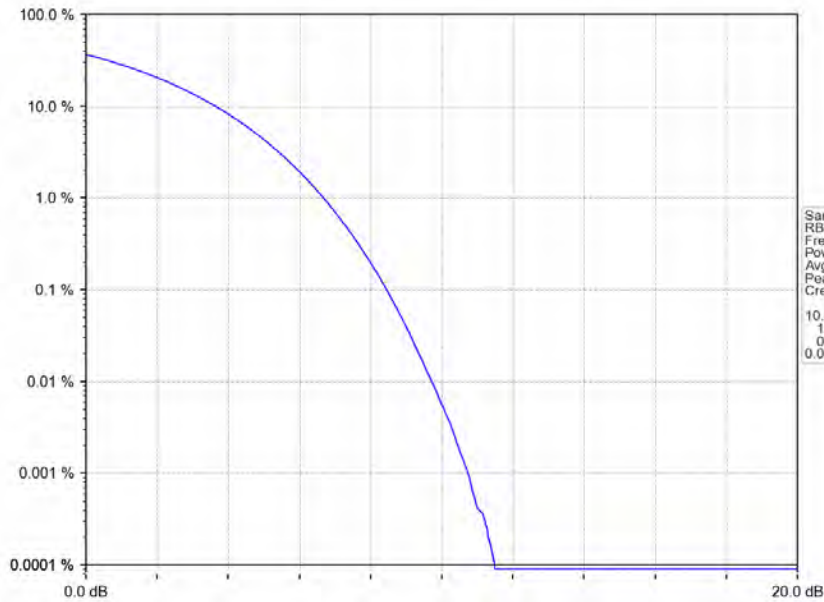
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Band25_1.4MHz_256QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_256QAM_HCH_1914.3MHz_RB_6_0_NTNV



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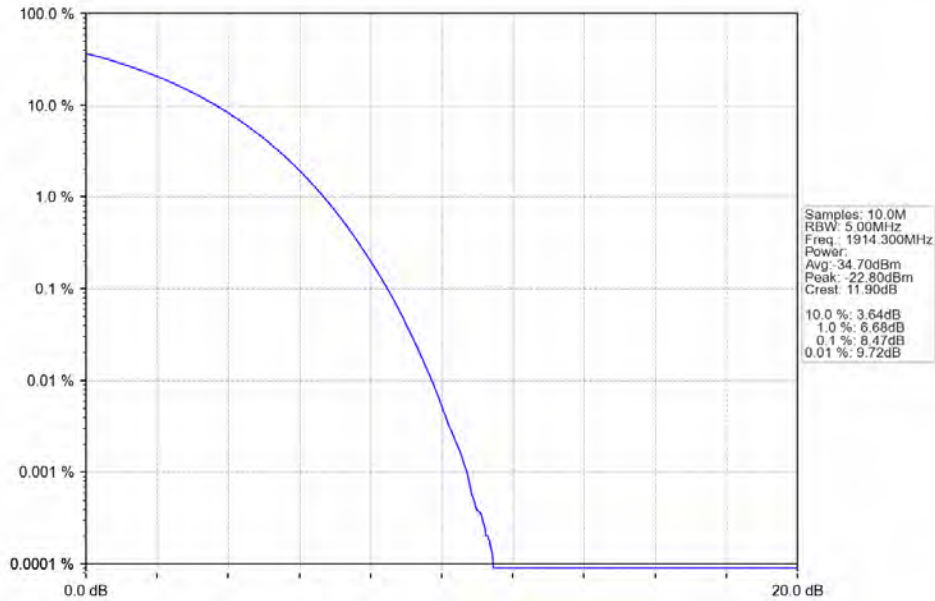
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5.2 B25_3MHz

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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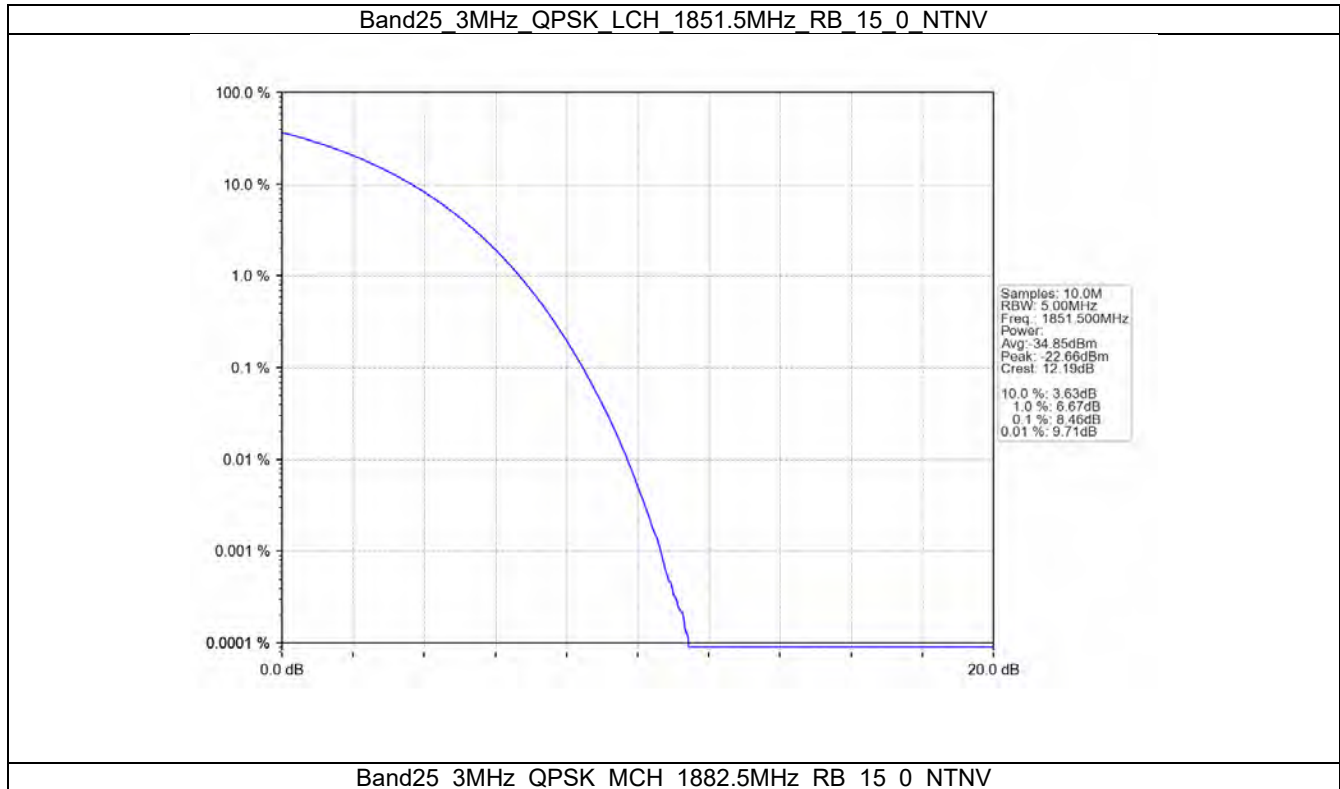
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5.2.2 Test Graph



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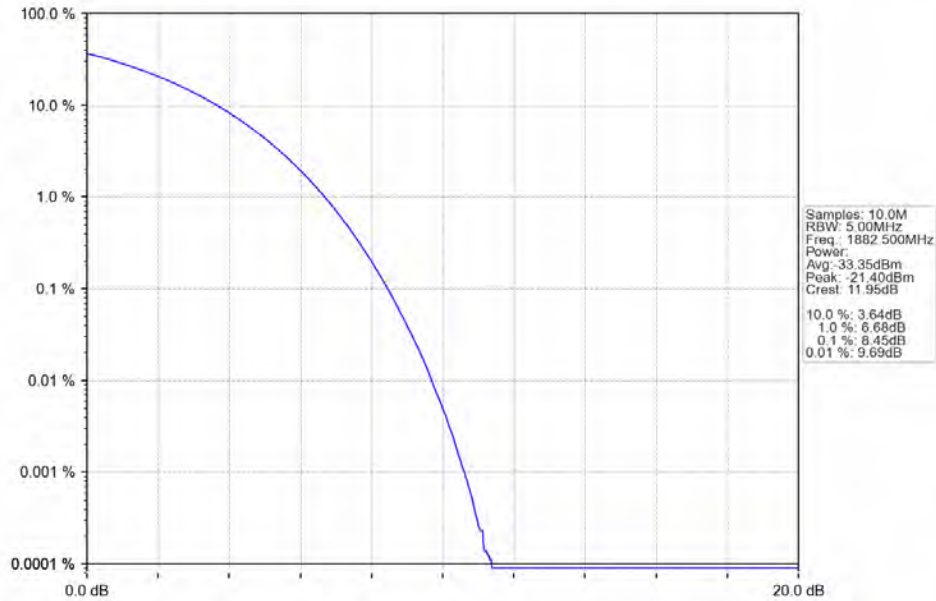
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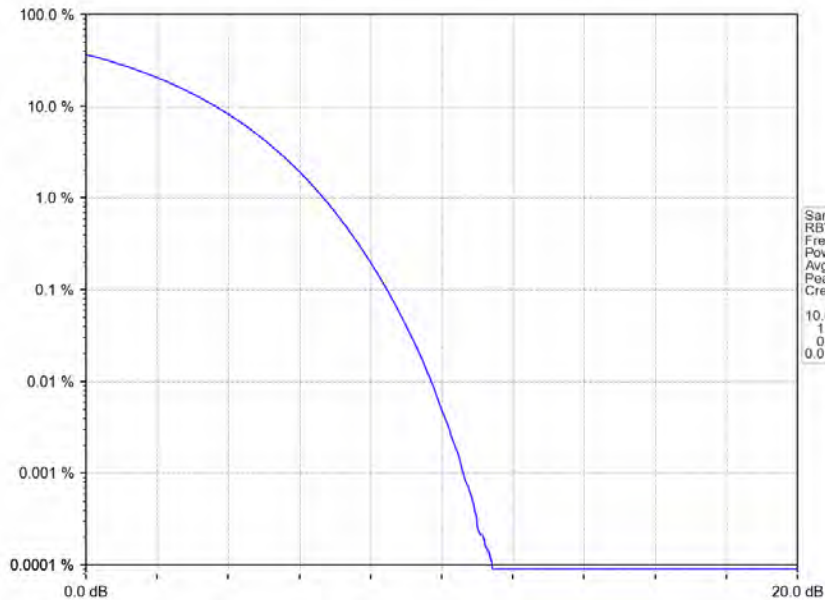
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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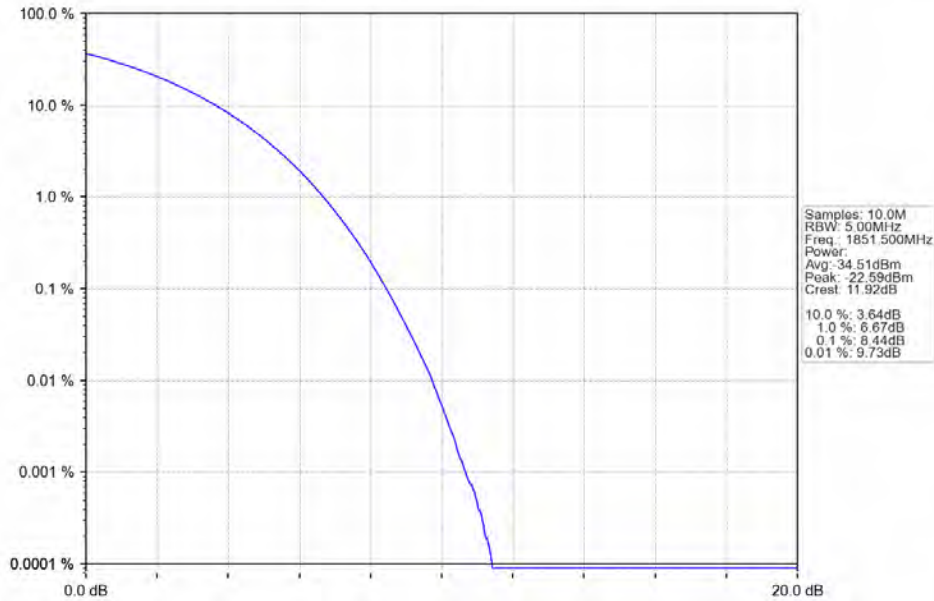
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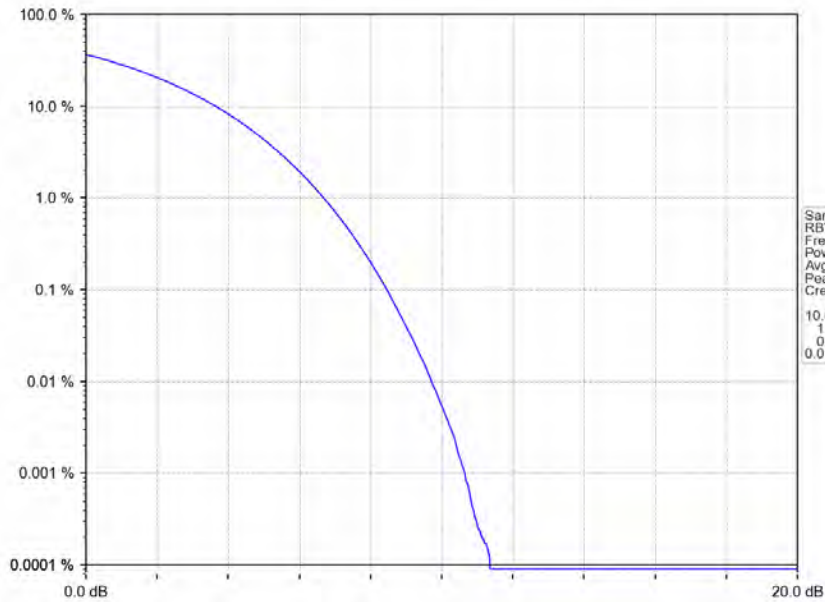
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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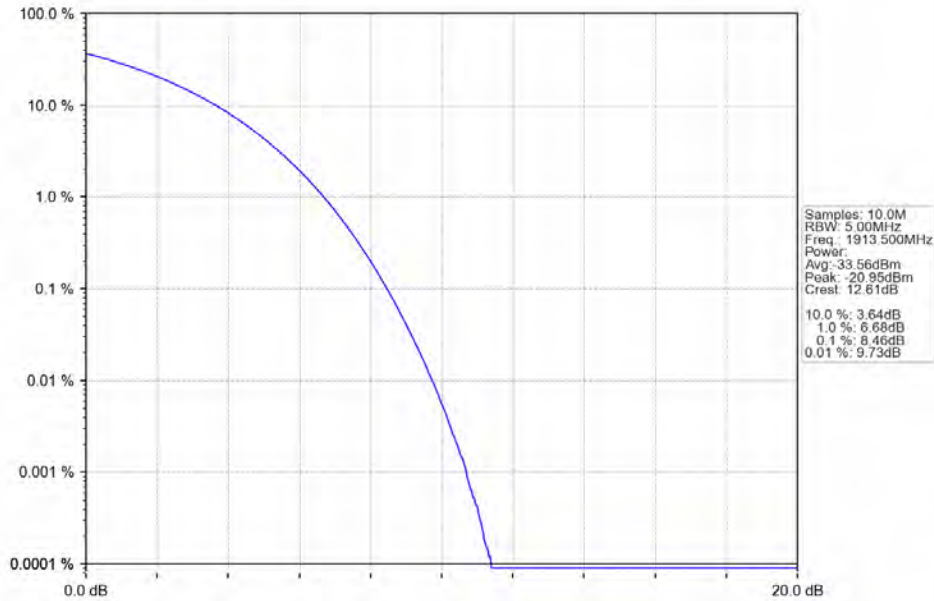
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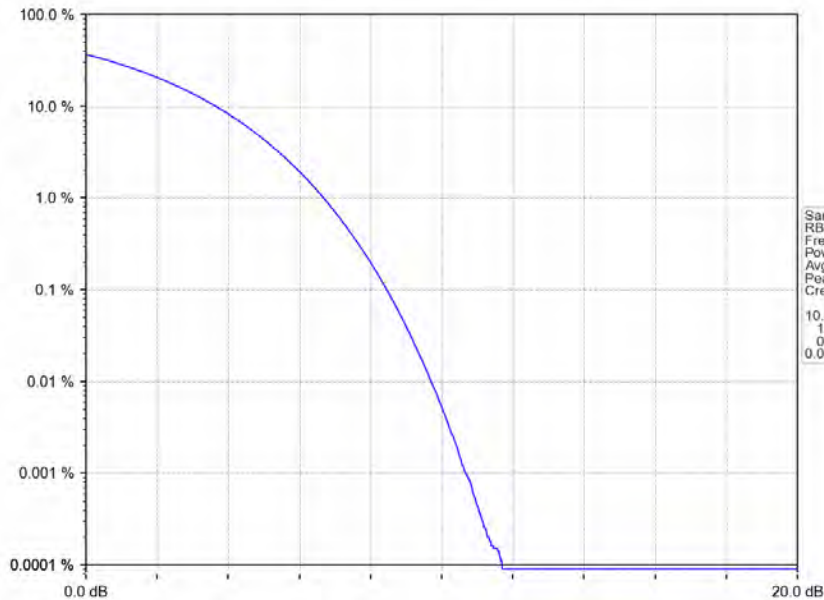
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Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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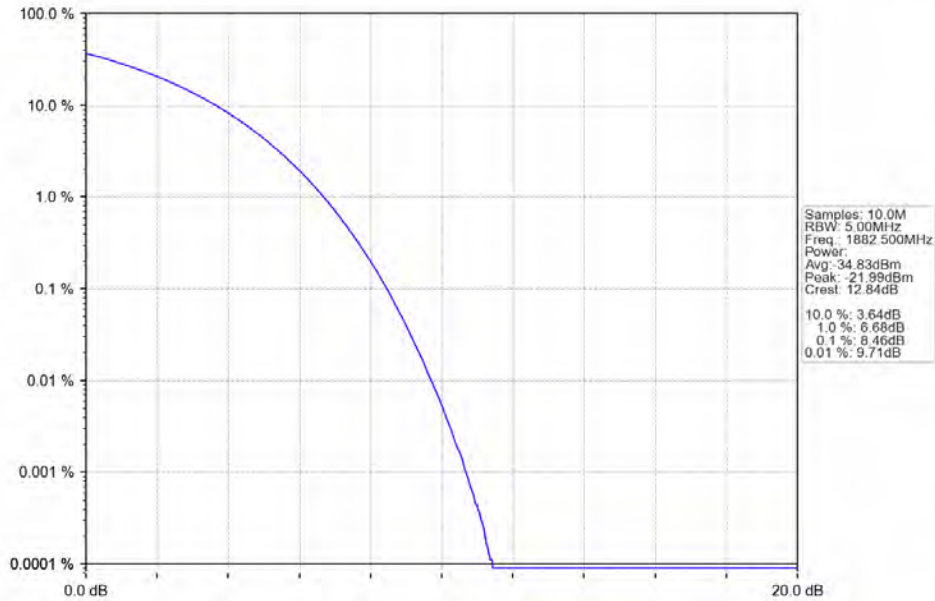
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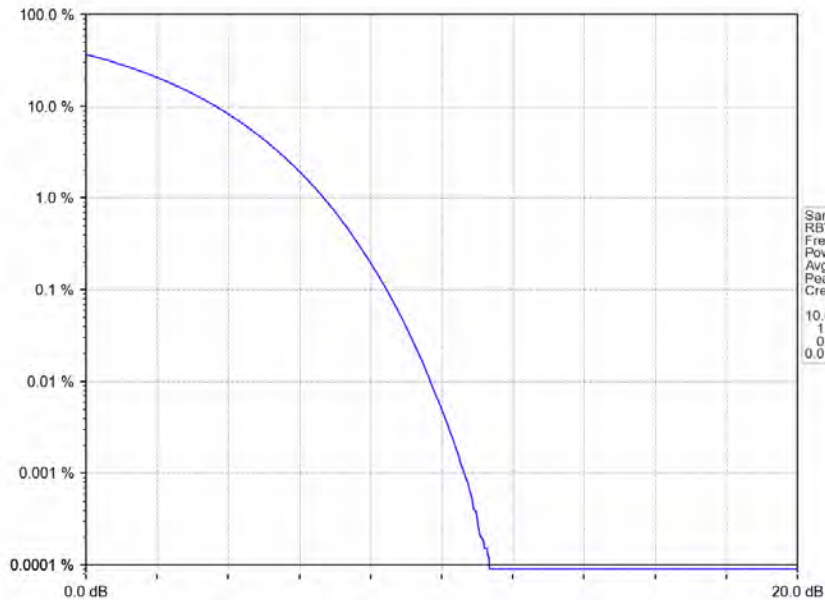
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Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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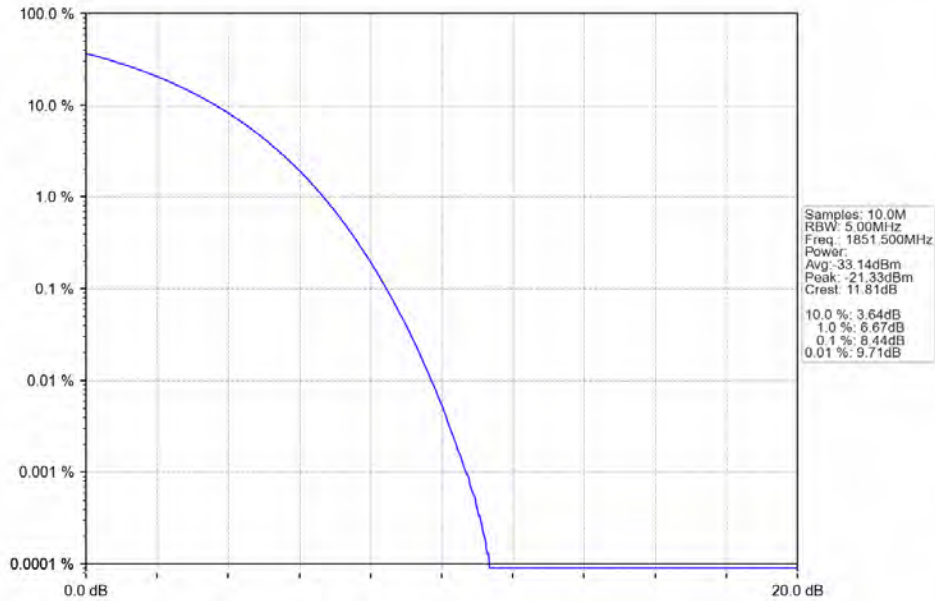
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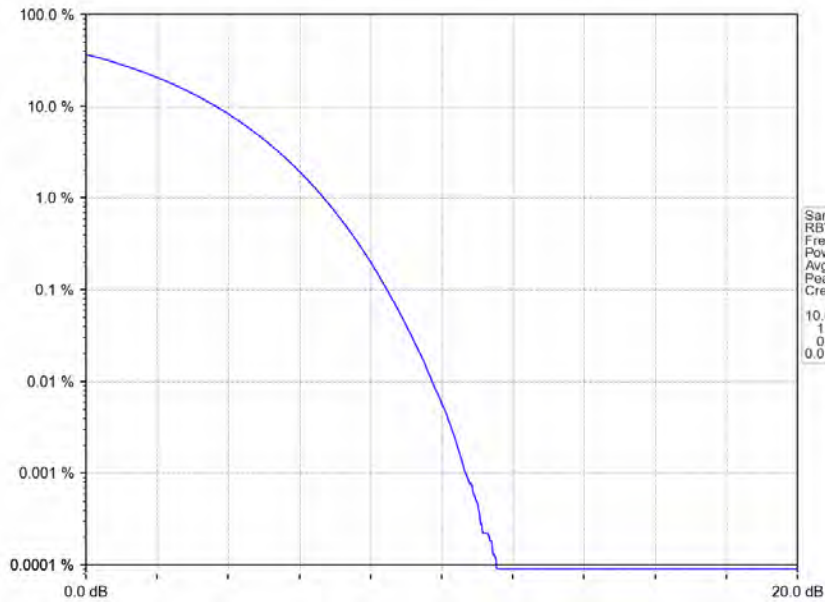
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Band25_3MHz_256QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_256QAM_HCH_1913.5MHz_RB_15_0_NTNV



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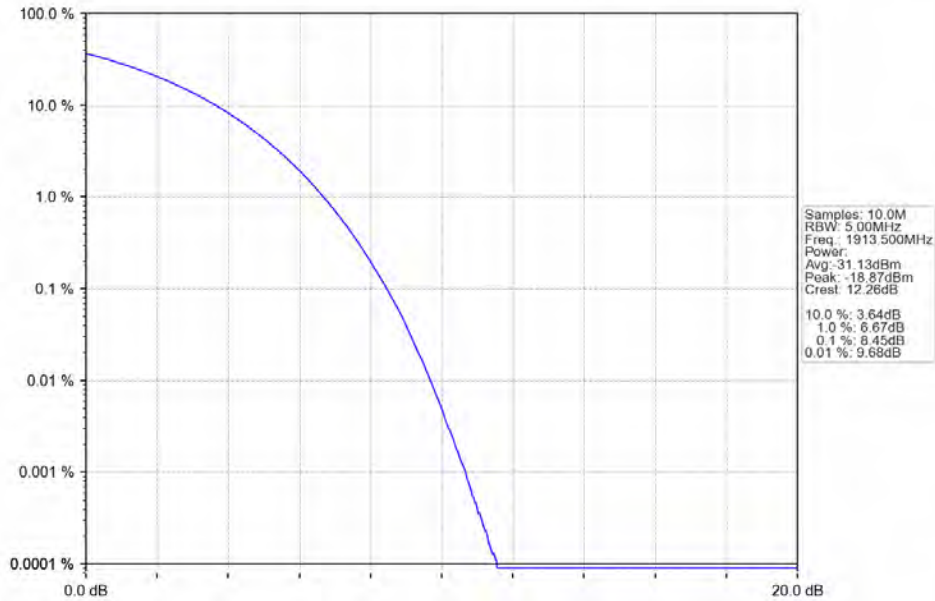
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5.3 B25_5MHz

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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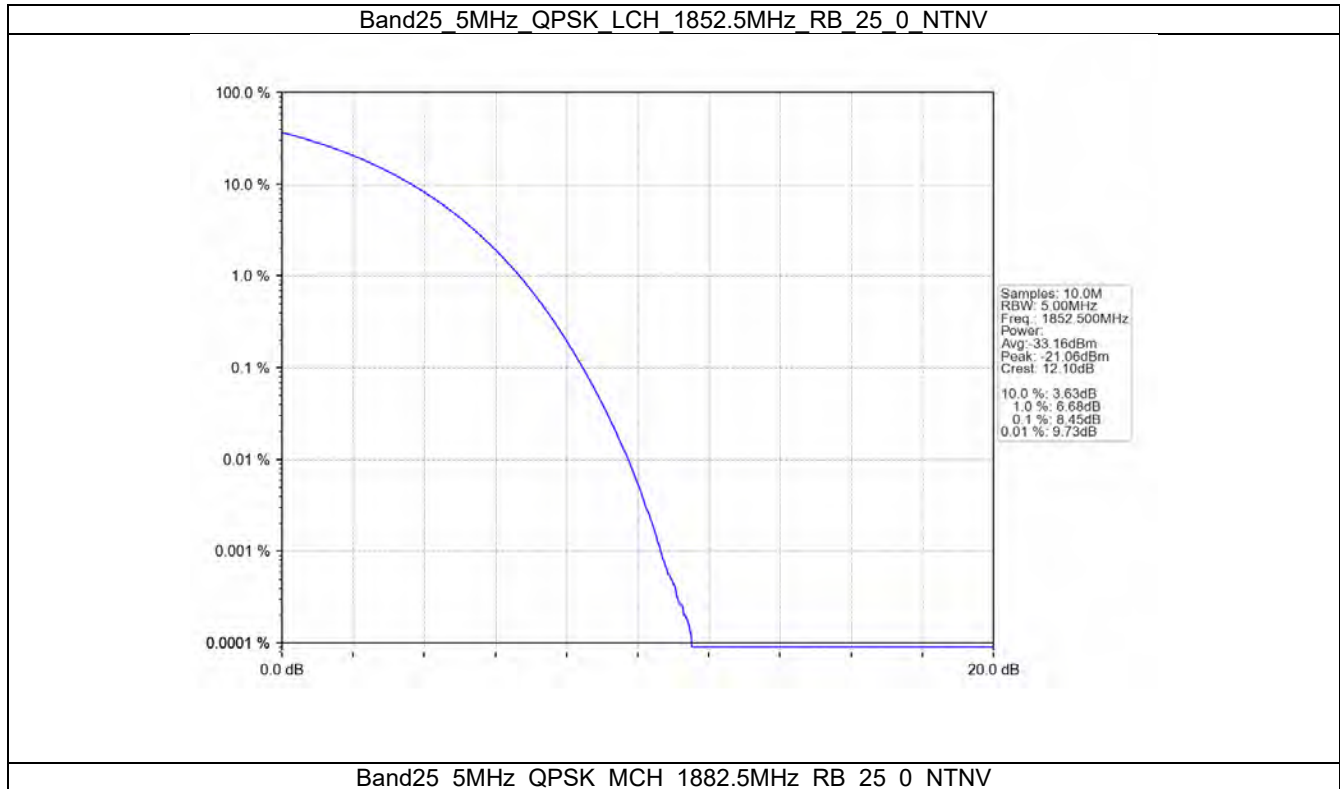
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5.3.2 Test Graph



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