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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	20.66	22.27	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	20.89	22.50	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	20.74	22.35	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	20.61	22.22	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	20.89	22.50	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	20.74	22.35	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	19.88	21.49	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	20.40	22.01	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	20.46	22.07	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	20.24	21.85	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	20.40	22.01	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	20.44	22.05	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	20.24	21.85	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	19.70	21.31	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	20.38	21.99	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	20.62	22.23	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	20.53	22.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	20.39	22.00	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	20.66	22.27	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	20.56	22.17	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	19.66	21.27	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	19.82	21.43	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	19.74	21.35	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	19.84	21.45	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	19.81	21.42	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	19.74	21.35	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	19.86	21.47	33.00	PASS



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Band2	1.4MHz	16QAM	18607	6RB#0	18.92	20.53	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	19.58	21.19	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	19.51	21.12	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	19.58	21.19	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	19.58	21.19	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	19.48	21.09	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	19.56	21.17	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	18.38	19.99	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	19.73	21.34	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	19.67	21.28	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	19.65	21.26	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	19.77	21.38	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	19.64	21.25	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	19.65	21.26	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	18.77	20.38	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	20.63	22.24	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	20.90	22.51	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	20.72	22.33	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	19.92	21.53	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	19.84	21.45	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	19.76	21.37	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	19.88	21.49	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	20.41	22.02	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	20.42	22.03	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	20.24	21.85	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	19.66	21.27	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	19.62	21.23	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	19.53	21.14	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	19.58	21.19	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	20.40	22.01	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	20.64	22.25	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	20.55	22.16	33.00	PASS



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Band2	3MHz	QPSK	19185	8RB#0	19.63	21.24	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	19.73	21.34	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	19.67	21.28	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	19.66	21.27	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	19.24	20.85	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	19.98	21.59	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	19.62	21.23	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	18.92	20.53	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.01	20.62	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	18.87	20.48	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	18.81	20.42	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	19.67	21.28	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	19.16	20.77	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	19.24	20.85	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	18.70	20.31	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	18.72	20.33	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	18.40	20.01	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	18.61	20.22	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	19.29	20.90	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.00	21.61	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	19.61	21.22	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	18.67	20.28	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	18.87	20.48	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	18.78	20.39	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	18.65	20.26	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	20.64	22.25	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	20.91	22.52	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	20.76	22.37	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	19.93	21.54	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	19.84	21.45	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	19.75	21.36	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	19.84	21.45	33.00	PASS



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Band2	5MHz	QPSK	18900	1RB#0	20.39	22.00	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	20.45	22.06	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	20.26	21.87	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	19.68	21.29	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	19.62	21.23	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	19.49	21.10	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	19.53	21.14	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	20.40	22.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	20.62	22.23	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	20.52	22.13	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	19.68	21.29	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	19.77	21.38	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	19.66	21.27	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	19.67	21.28	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	19.24	20.85	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.02	21.63	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	19.62	21.23	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	18.90	20.51	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.05	20.66	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	18.88	20.49	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	18.80	20.41	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	19.65	21.26	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	19.15	20.76	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	19.21	20.82	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	18.68	20.29	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	18.73	20.34	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	18.39	20.00	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	18.63	20.24	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	19.33	20.94	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	19.98	21.59	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	19.59	21.20	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	18.67	20.28	33.00	PASS



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Band2	5MHz	16QAM	19175	12RB#13	18.76	20.37	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	18.65	20.26	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	20.62	22.23	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	20.90	22.51	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	20.73	22.34	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	19.92	21.53	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	19.84	21.45	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	19.73	21.34	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	19.86	21.47	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	20.42	22.03	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	20.46	22.07	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	20.23	21.84	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	19.71	21.32	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	19.63	21.24	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	19.52	21.13	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	19.55	21.16	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	20.41	22.02	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	20.63	22.24	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	20.55	22.16	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	19.66	21.27	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	19.77	21.38	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	19.68	21.29	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	19.70	21.31	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	19.22	20.83	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.00	21.61	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	19.65	21.26	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	18.88	20.49	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.05	20.66	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	18.90	20.51	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	18.79	20.40	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	19.66	21.27	33.00	PASS



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Band2	10MHz	16QAM	18900	1RB#24	19.16	20.77	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	19.21	20.82	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	18.67	20.28	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	18.76	20.37	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	18.38	19.99	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	18.61	20.22	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	19.29	20.90	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.01	21.62	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	19.64	21.25	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	18.62	20.23	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	18.86	20.47	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	18.78	20.39	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	18.63	20.24	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	20.64	22.25	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	20.93	22.54	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	20.75	22.36	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	19.88	21.49	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	19.83	21.44	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	19.76	21.37	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	19.83	21.44	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	20.40	22.01	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	20.46	22.07	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	20.26	21.87	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	19.68	21.29	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	19.61	21.22	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	19.50	21.11	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	19.56	21.17	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	20.38	21.99	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	20.66	22.27	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	20.52	22.13	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	19.67	21.28	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	19.76	21.37	33.00	PASS



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Band2	15MHz	QPSK	19125	38RB#37	19.67	21.28	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	19.69	21.30	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	19.23	20.84	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.02	21.63	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	19.64	21.25	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	18.93	20.54	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	19.02	20.63	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	18.87	20.48	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	18.83	20.44	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	19.65	21.26	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	19.18	20.79	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	19.21	20.82	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	18.66	20.27	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	18.74	20.35	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	18.38	19.99	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	18.61	20.22	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	19.31	20.92	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	19.99	21.60	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	19.63	21.24	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	18.67	20.28	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	18.86	20.47	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	18.74	20.35	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	18.65	20.26	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	20.71	22.32	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	20.99	22.60	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	20.81	22.42	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	19.98	21.59	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	19.91	21.52	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	19.81	21.42	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	19.93	21.54	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	20.47	22.08	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	20.52	22.13	33.00	PASS



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Band2	20MHz	QPSK	18900	1RB#99	20.31	21.92	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	19.76	21.37	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	19.68	21.29	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	19.58	21.19	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	19.63	21.24	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	20.46	22.07	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	20.72	22.33	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	20.62	22.23	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	19.73	21.34	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	19.83	21.44	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	19.74	21.35	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	19.75	21.36	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	19.31	20.92	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.08	21.69	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	19.70	21.31	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	18.98	20.59	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.10	20.71	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	18.97	20.58	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.89	20.50	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	19.73	21.34	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	19.24	20.85	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	19.30	20.91	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	18.75	20.36	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	18.82	20.43	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	18.46	20.07	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.69	20.30	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	19.38	20.99	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.07	21.68	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	19.69	21.30	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	18.72	20.33	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	18.95	20.56	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	18.83	20.44	33.00	PASS



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Band2	20MHz	16QAM	19100	100RB#0	18.73	20.34	33.00	PASS
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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.08	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.14	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.02	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.00	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.96	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.94	13	PASS



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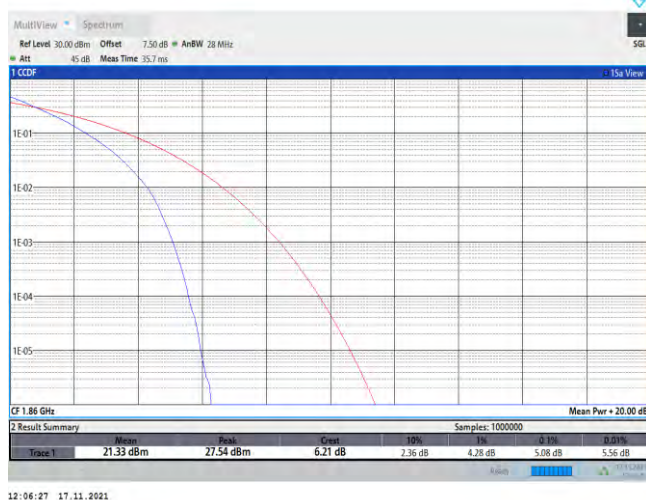
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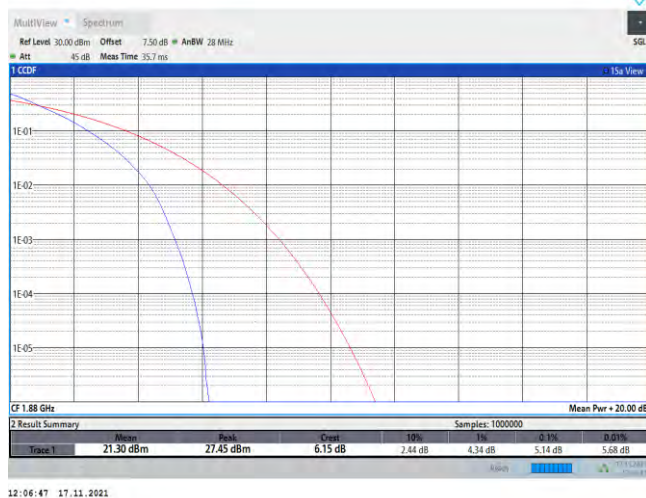
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Test Graphs

Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



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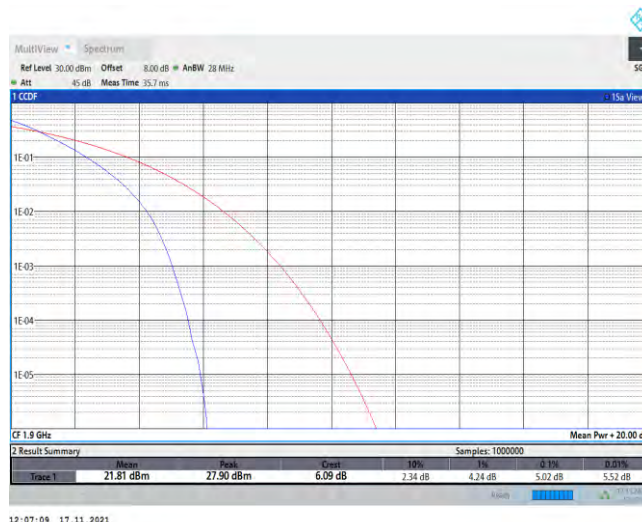
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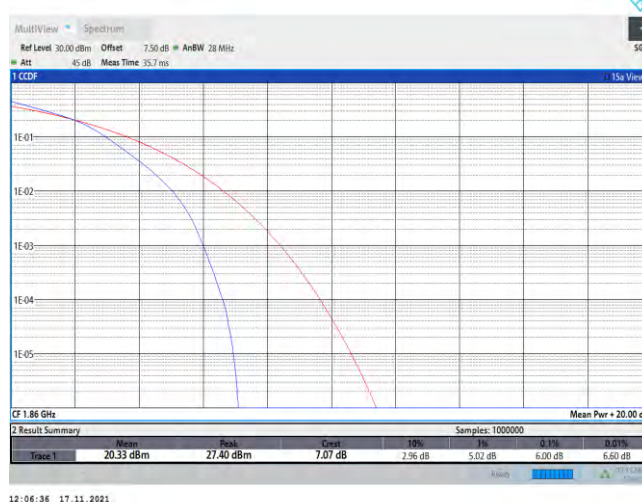
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Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-100RB#0



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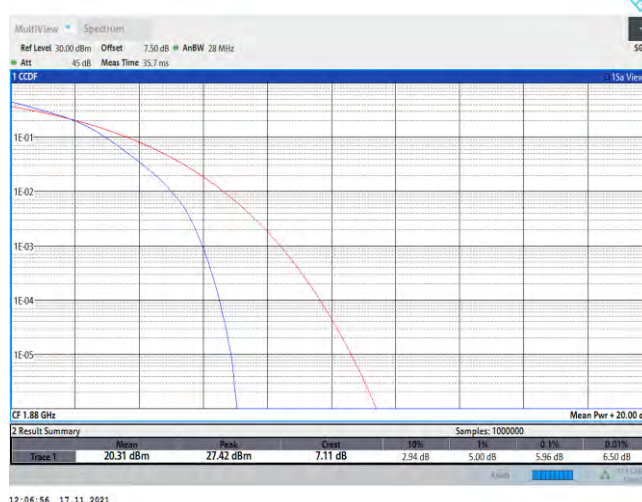
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Band2-20MHz-16QAM-18900-100RB#0



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Band2-20MHz-16QAM-19100-100RB#0



12:07:18 17.11.2021



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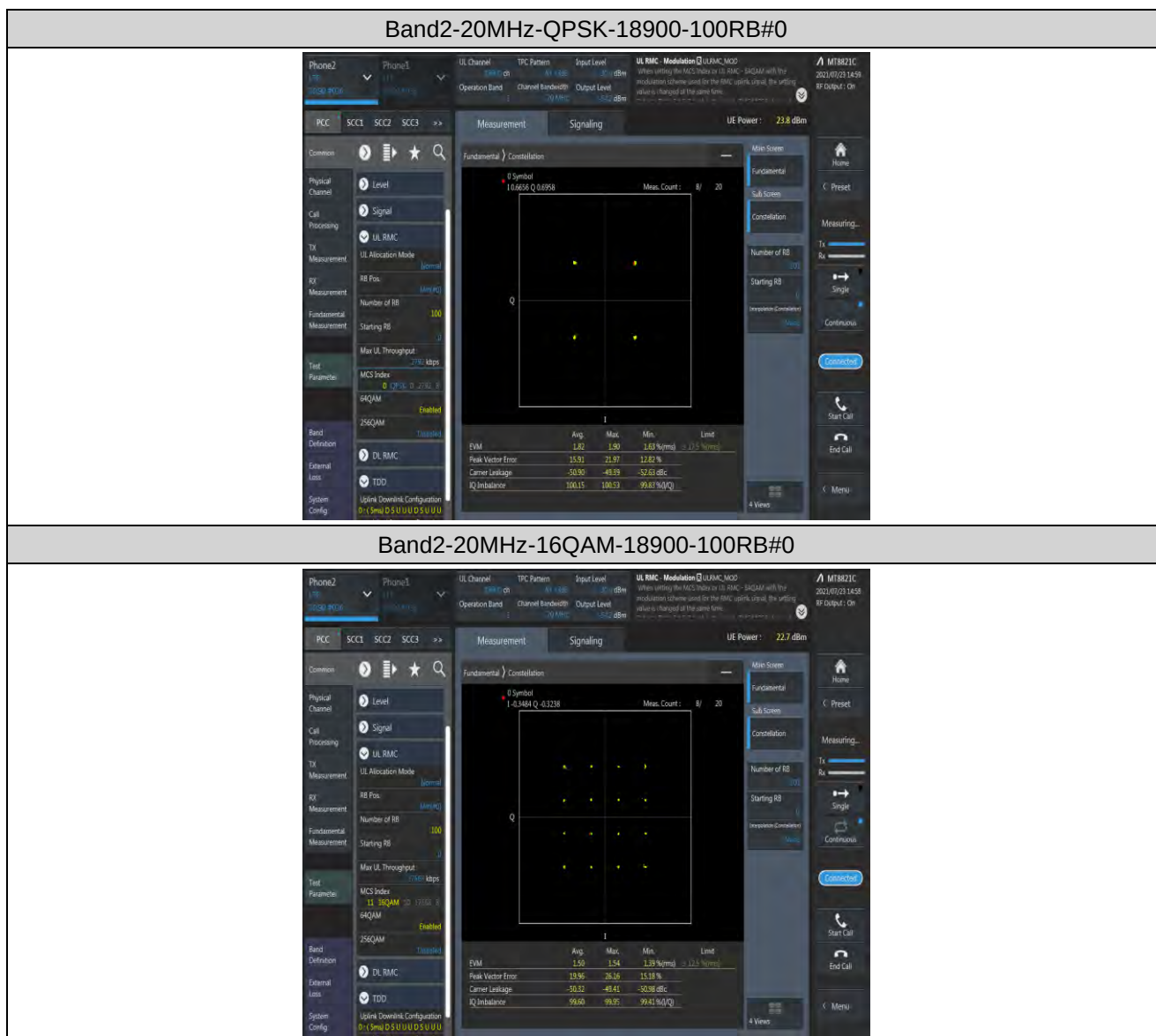
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS

Test Graphs



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.1	1.323	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.097	1.311	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.097	1.317	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.09	1.284	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1	1.317	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1	1.317	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7	2.958	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.698	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	2.964	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.697	2.976	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.693	2.988	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.696	2.982	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.48	4.950	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.467	4.910	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.479	4.960	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.475	4.880	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.478	4.970	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.471	4.890	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.925	9.720	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.916	9.720	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.92	9.640	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.918	9.640	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.912	9.680	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.442	14.850	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.416	14.760	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.429	14.790	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.449	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.425	14.790	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.416	14.730	PASS



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Band2	20MHz	QPSK	18700	100RB#0	17.869	19.320	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.864	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.841	19.200	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.874	19.320	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.826	19.360	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.872	19.400	PASS



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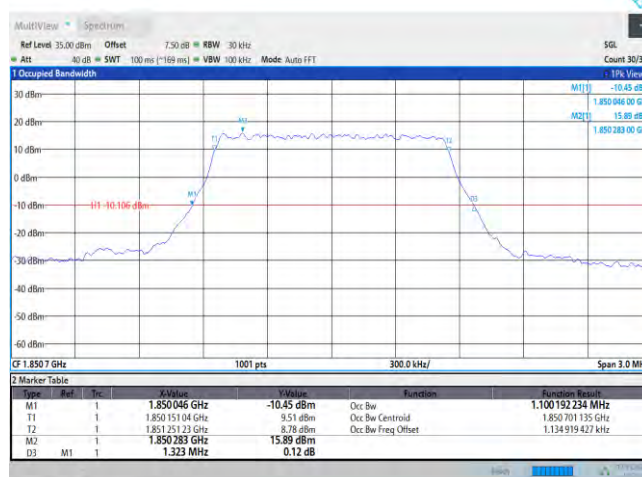
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Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0



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Band2-1.4MHz-QPSK-18900-6RB#0



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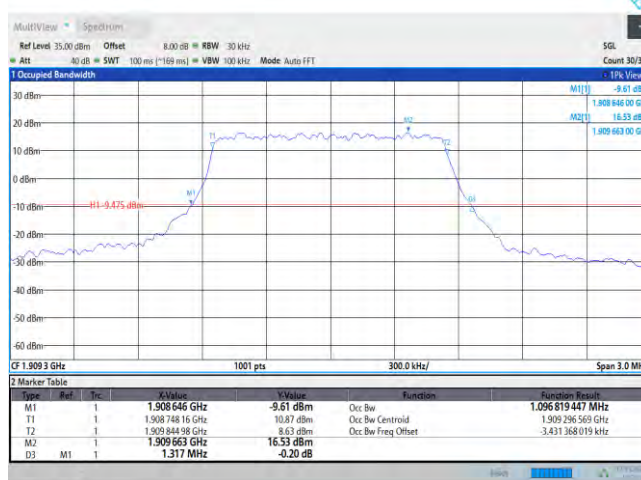
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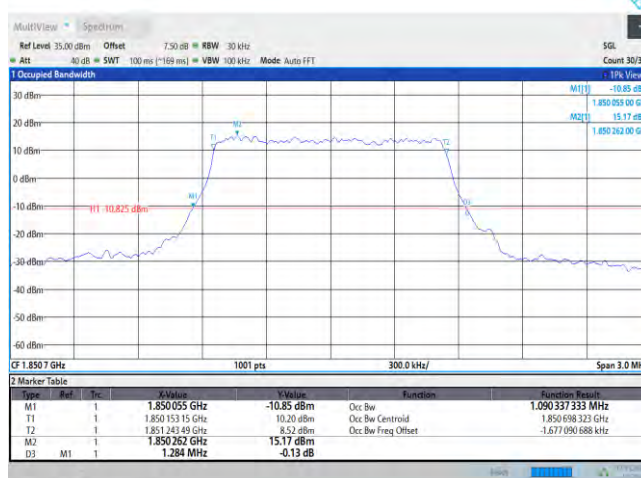
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Band2-1.4MHz-QPSK-19193-6RB#0



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Band2-1.4MHz-16QAM-18607-6RB#0



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Band2-1.4MHz-16QAM-18900-6RB#0



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Band2-1.4MHz-16QAM-19193-6RB#0



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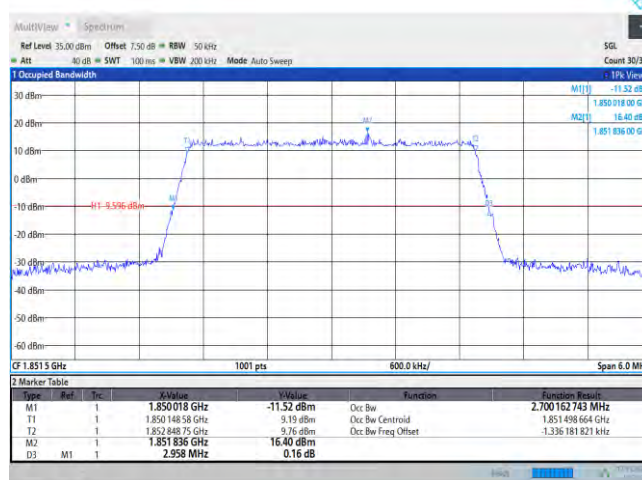
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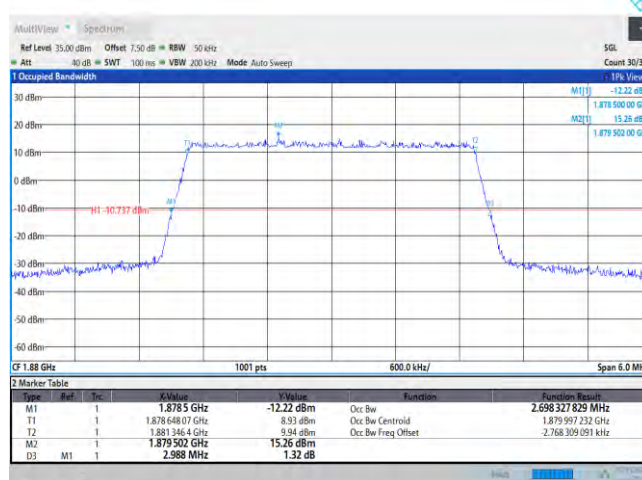
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Band2-3MHz-QPSK-18615-15RB#0



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Band2-3MHz-QPSK-18900-15RB#0



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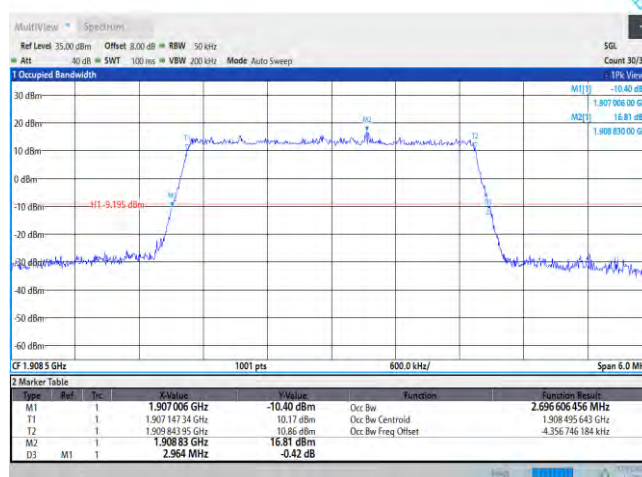
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Band2-3MHz-16QAM-18615-15RB#0



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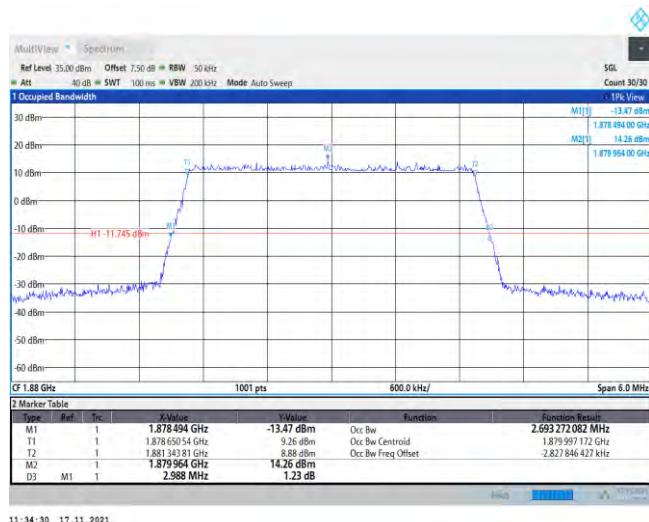
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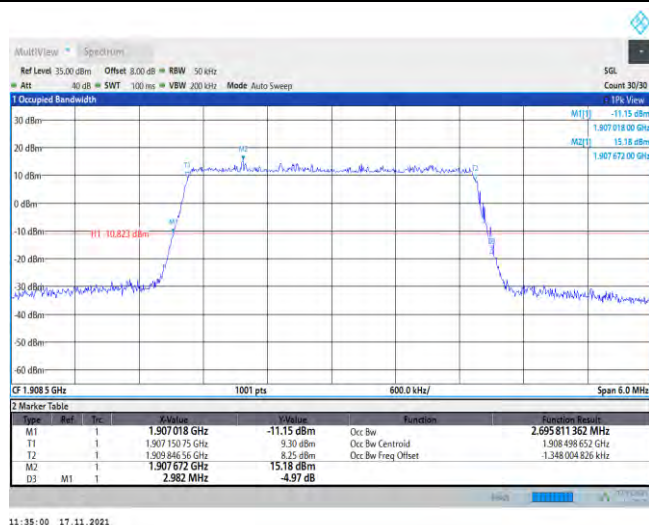
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Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0



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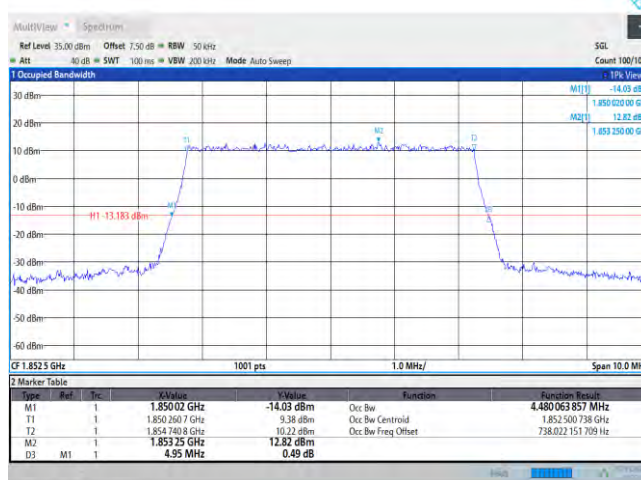
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Band2-5MHz-QPSK-18625-25RB#0



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Band2-5MHz-QPSK-18900-25RB#0



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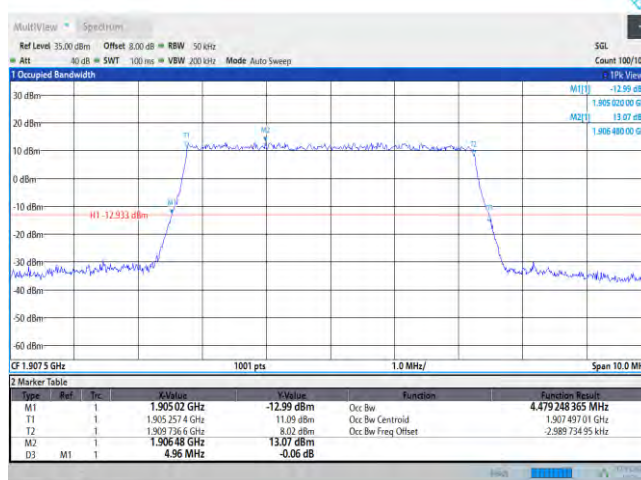
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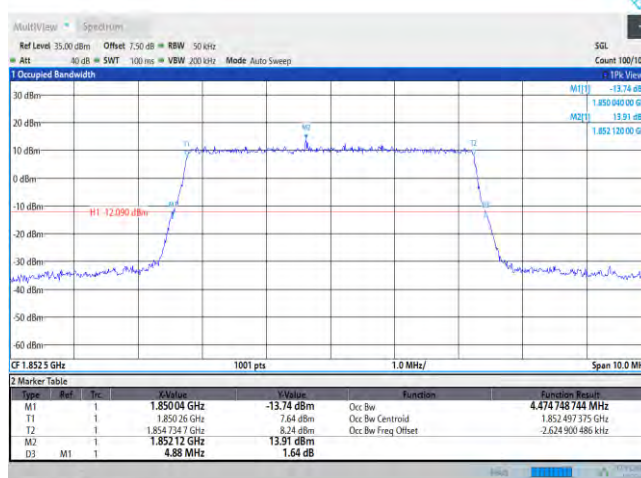
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Band2-5MHz-QPSK-19175-25RB#0



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Band2-5MHz-16QAM-18625-25RB#0



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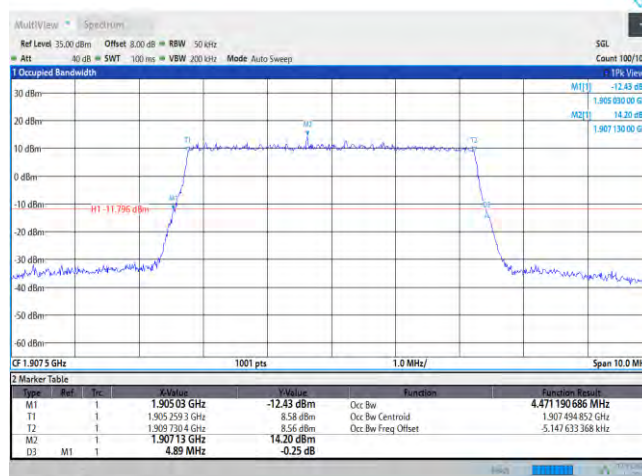
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Band2-5MHz-16QAM-18900-25RB#0



11:36:23 17.11.2021

Band2-5MHz-16QAM-19175-25RB#0



11:37:07 17.11.2021



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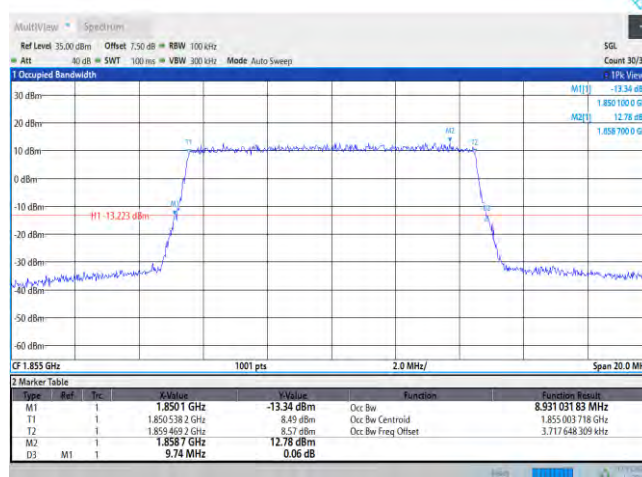
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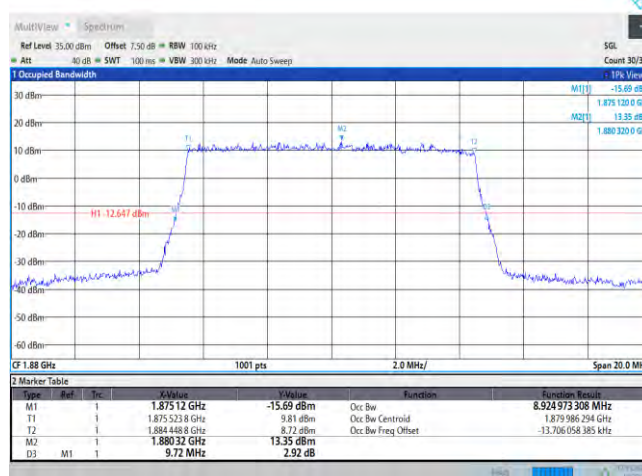
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Band2-10MHz-QPSK-18650-50RB#0



11:37:27 17.11.2021

Band2-10MHz-QPSK-18900-50RB#0



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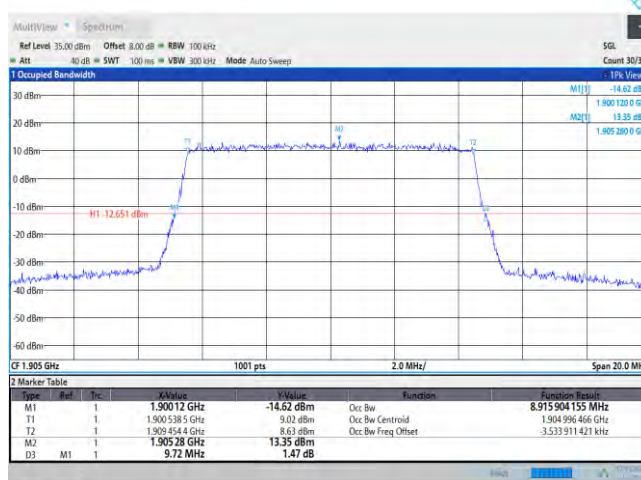
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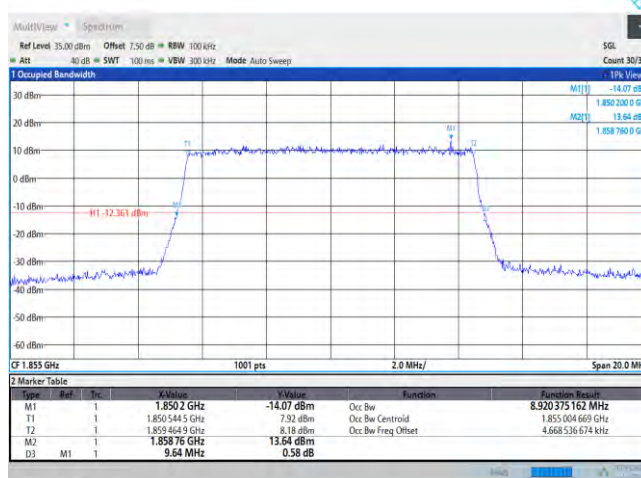
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Band2-10MHz-QPSK-19150-50RB#0



11:38:22 17.11.2021

Band2-10MHz-16QAM-18650-50RB#0



11:37:38 17.11.2021



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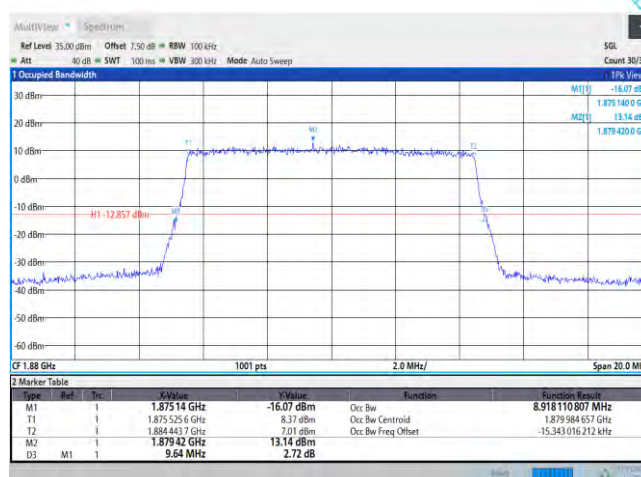
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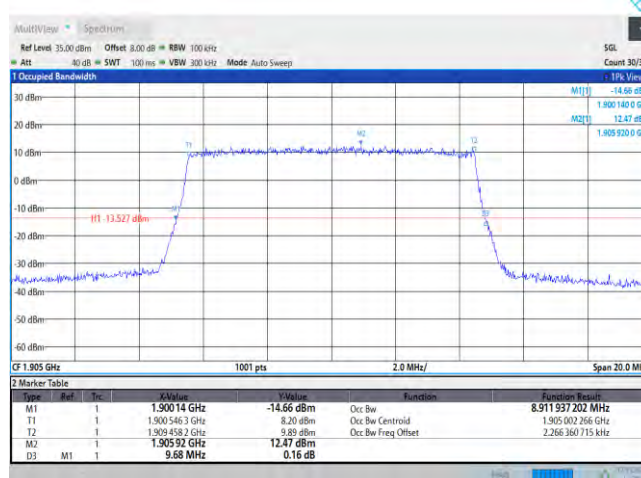
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Band2-10MHz-16QAM-19150-50RB#0



11:38:33 17.11.2021



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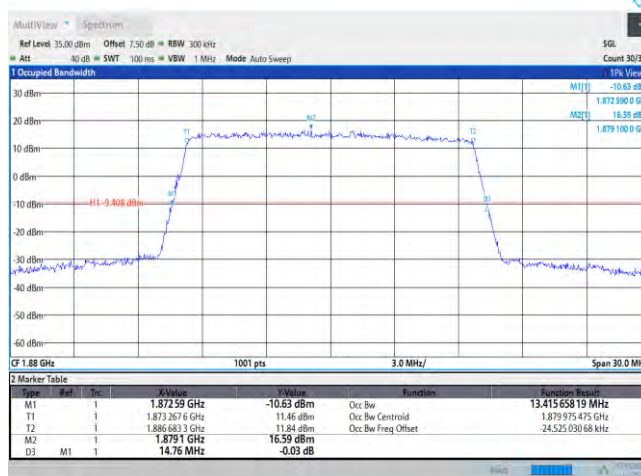
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Band2-15MHz-QPSK-18675-75RB#0



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Band2-15MHz-QPSK-18900-75RB#0



11:39:19 17.11.2021



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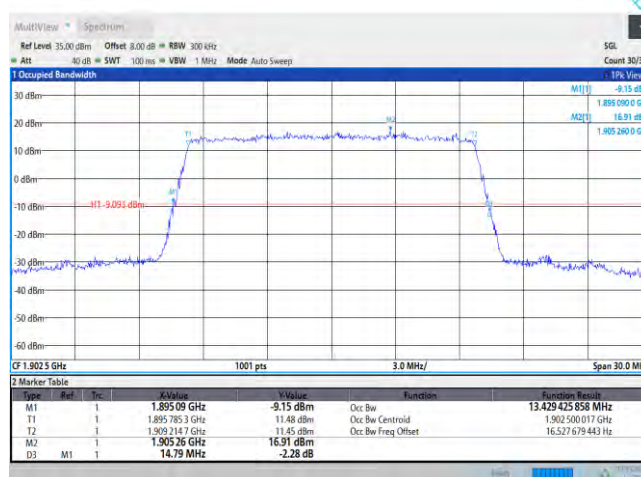
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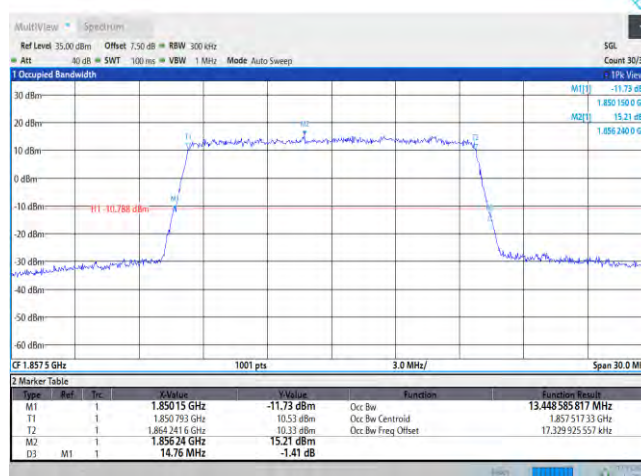
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Band2-15MHz-16QAM-18675-75RB#0



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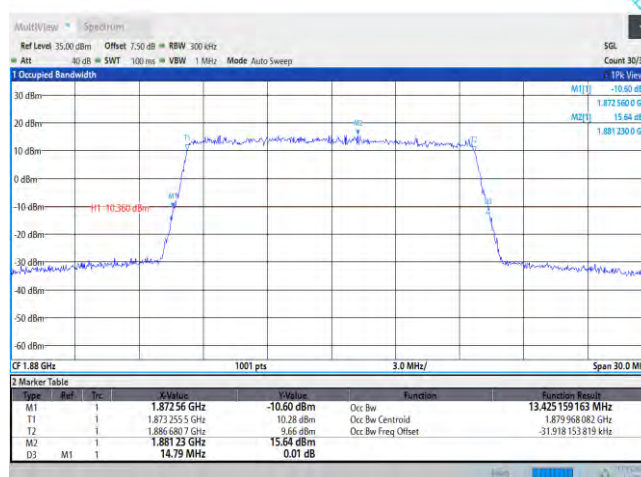
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Band2-15MHz-16QAM-19125-75RB#0



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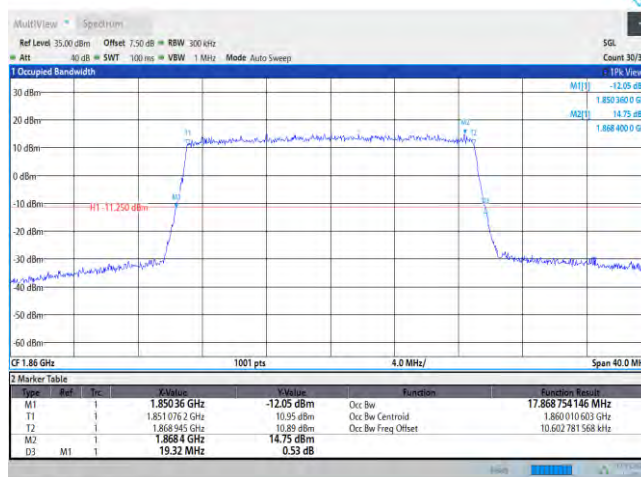
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Band2-20MHz-QPSK-18700-100RB#0



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Band2-20MHz-QPSK-18900-100RB#0



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Band2-20MHz-16QAM-18700-100RB#0



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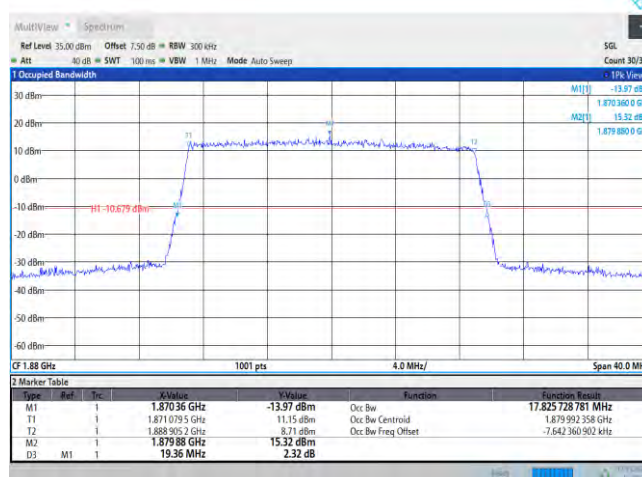
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Band2-20MHz-16QAM-19100-100RB#0



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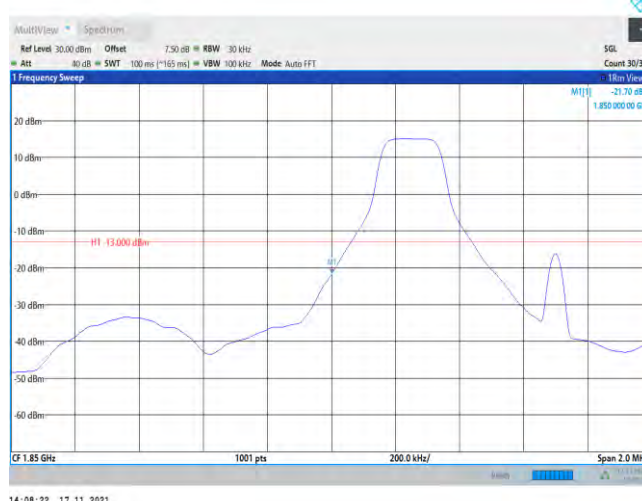
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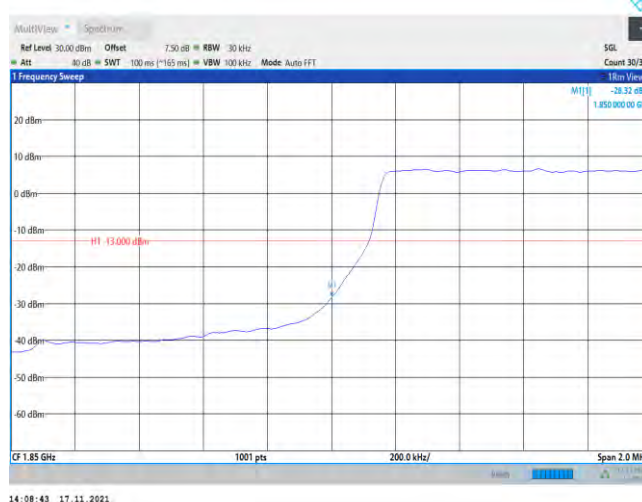
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Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



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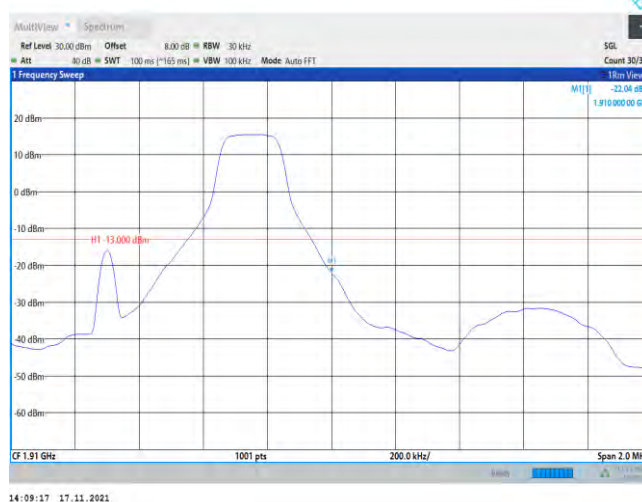
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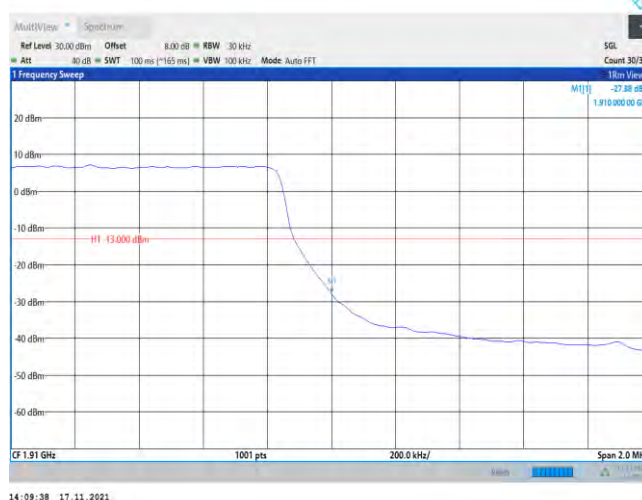
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Band2-1.4MHz-QPSK-19193-1RB#5



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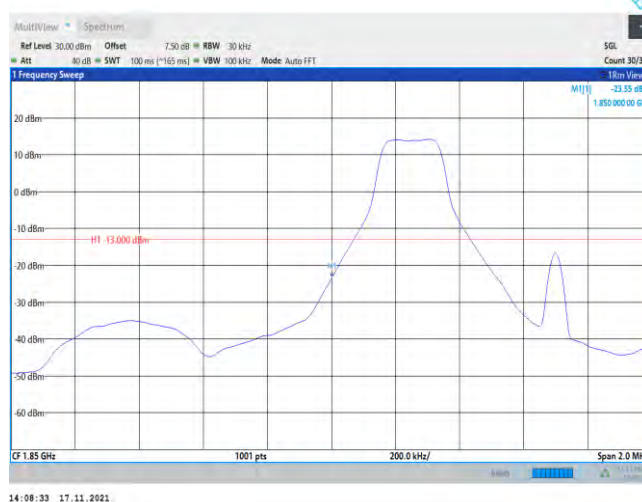
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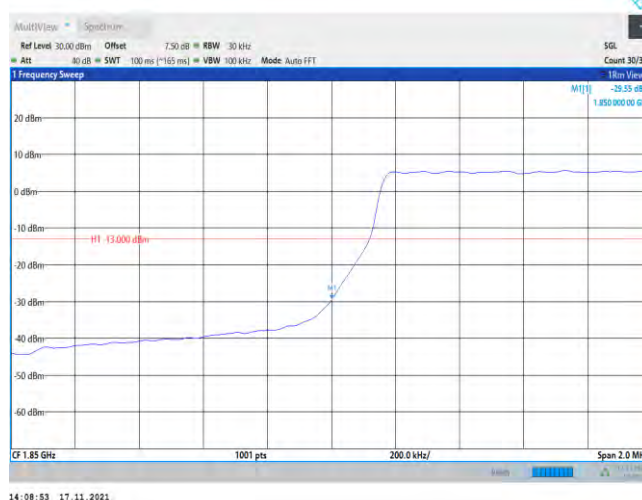
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Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



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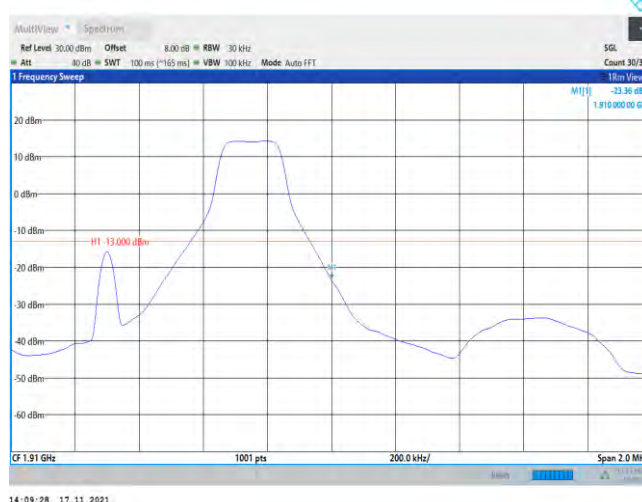
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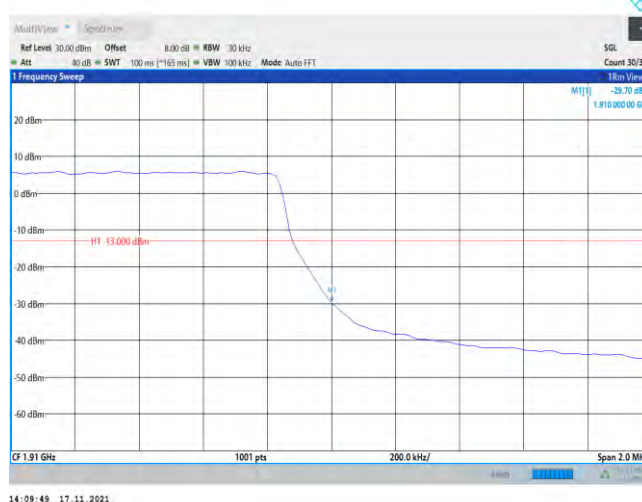
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Band2-1.4MHz-16QAM-19193-1RB#5



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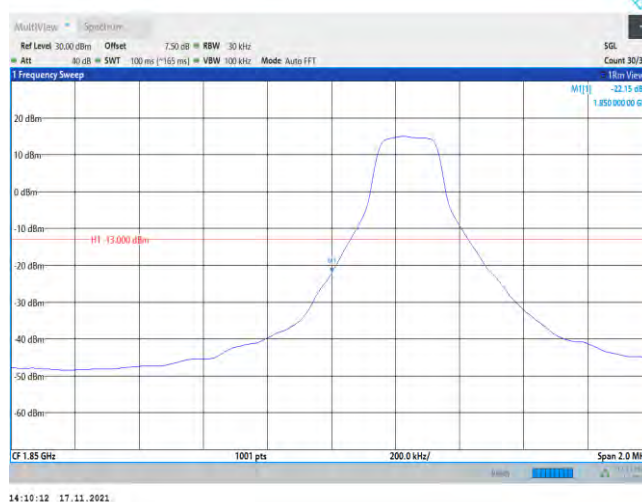
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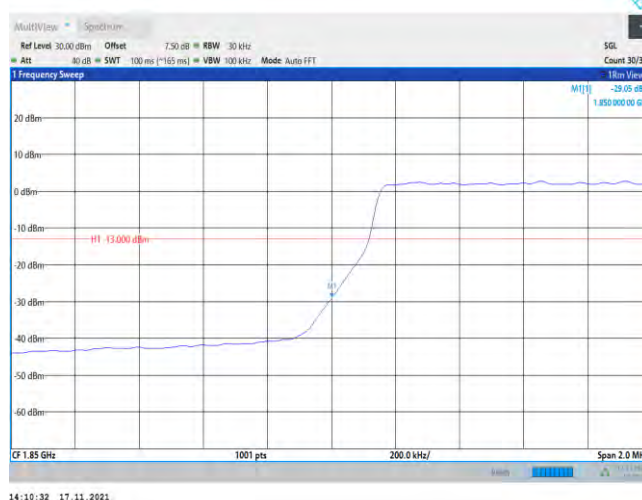
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Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0



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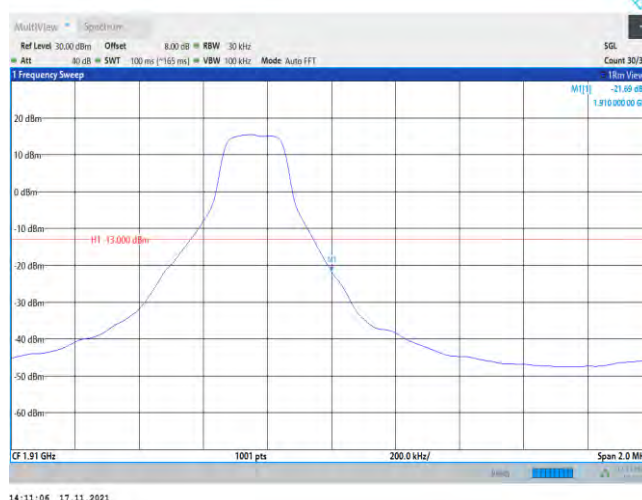
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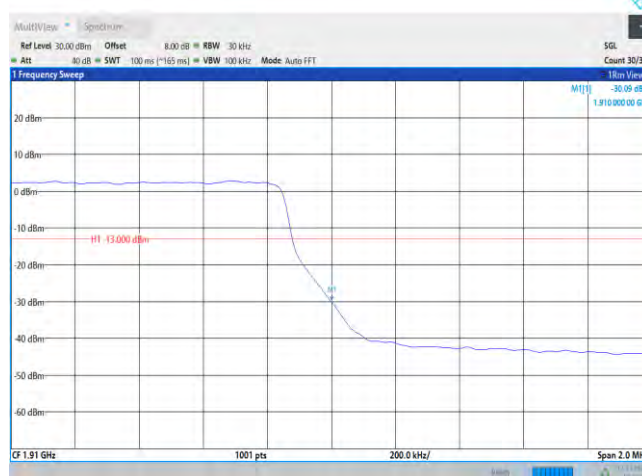
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14:11:06 17.11.2021

Band2-3MHz-QPSK-19185-15RB#0



14:11:26 17.11.2021



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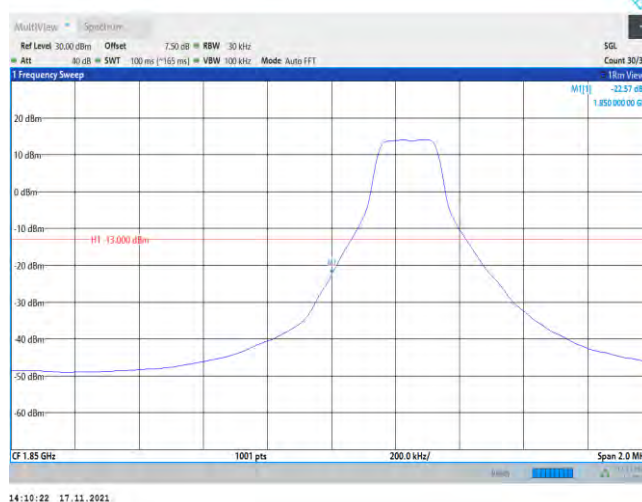
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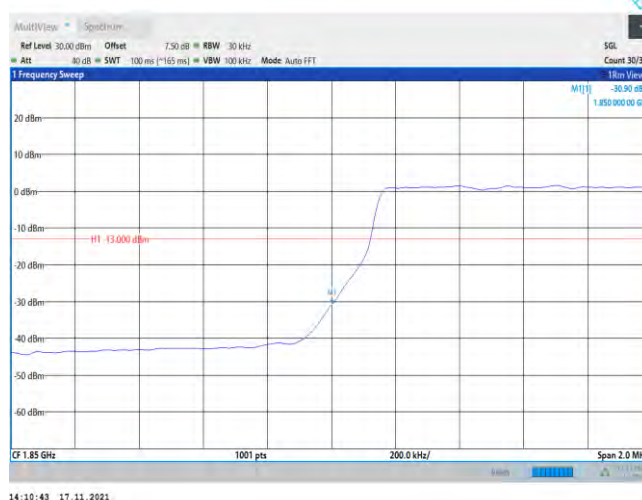
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Band2-3MHz-16QAM-18615-15RB#0



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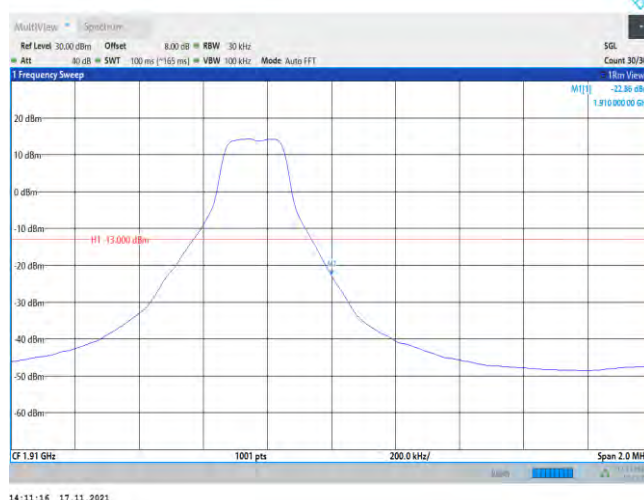


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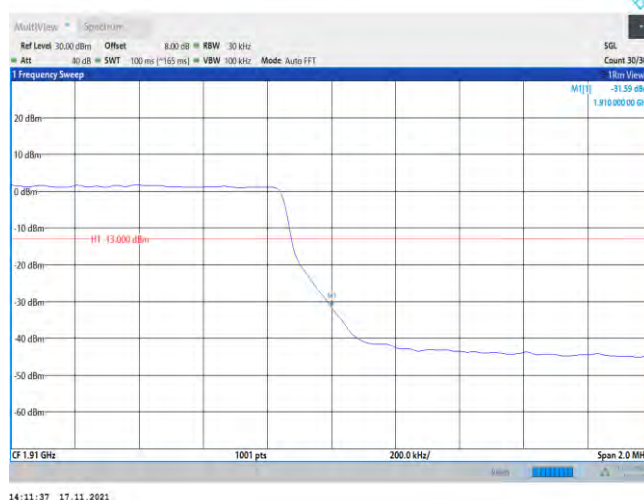
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Band2-3MHz-16QAM-19185-1RB#14



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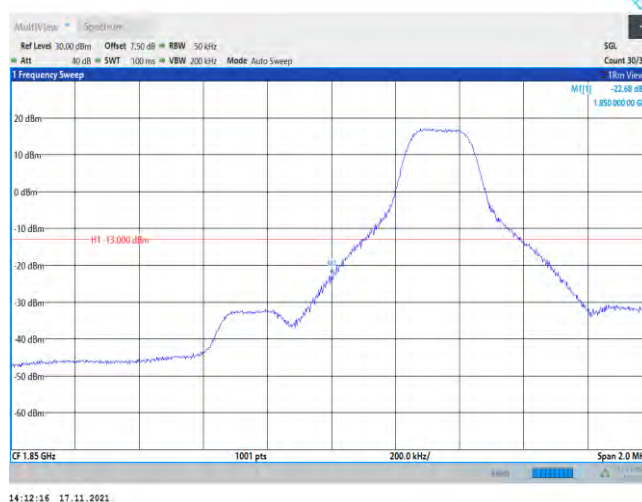
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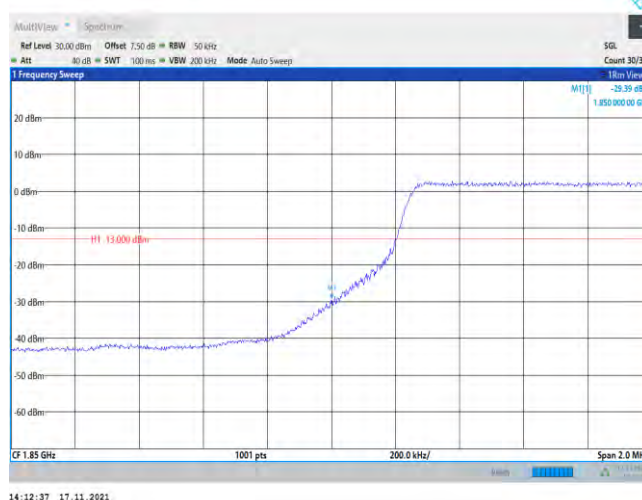
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Band2-5MHz-QPSK-18625-25RB#0



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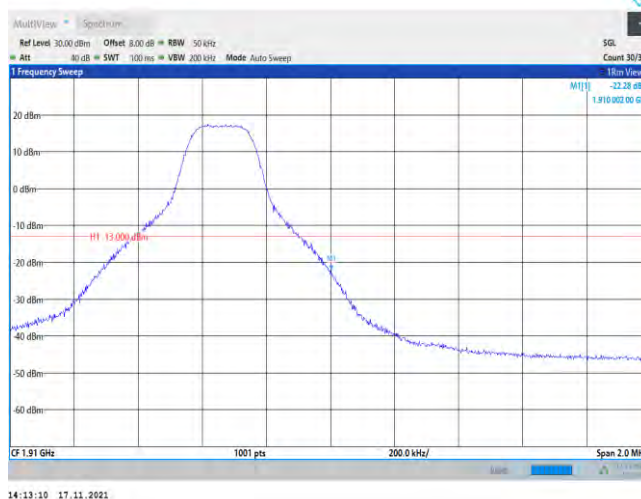
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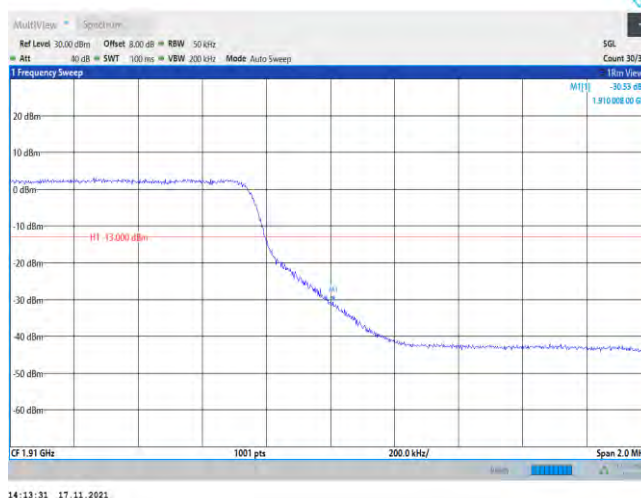
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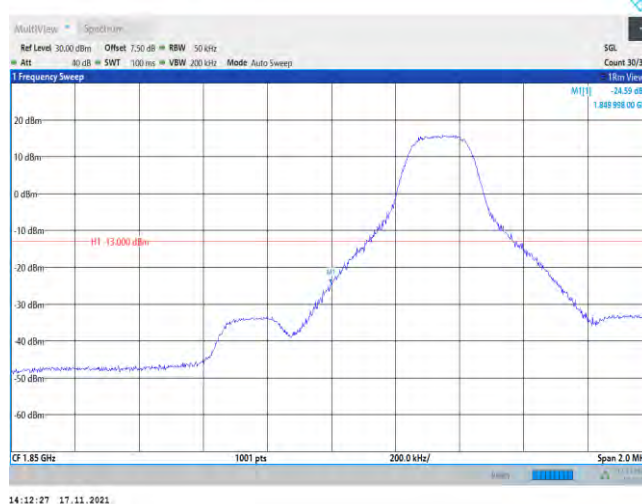
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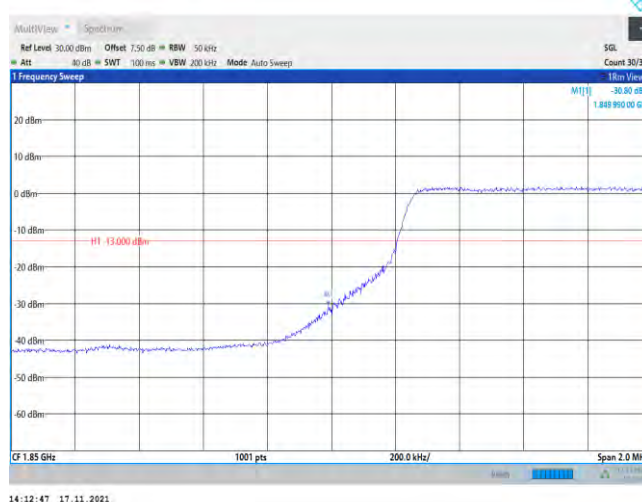
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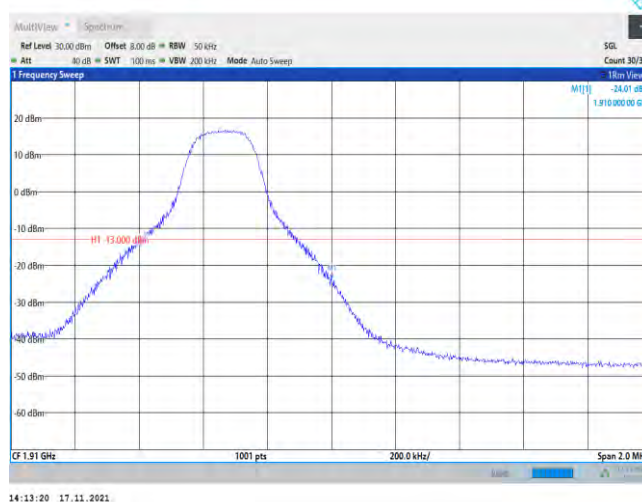
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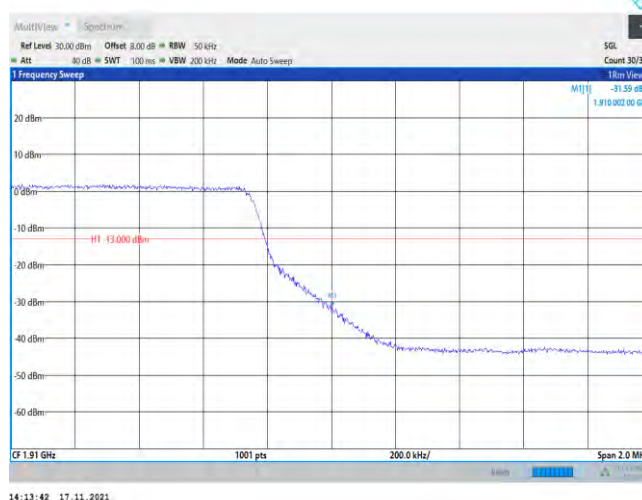
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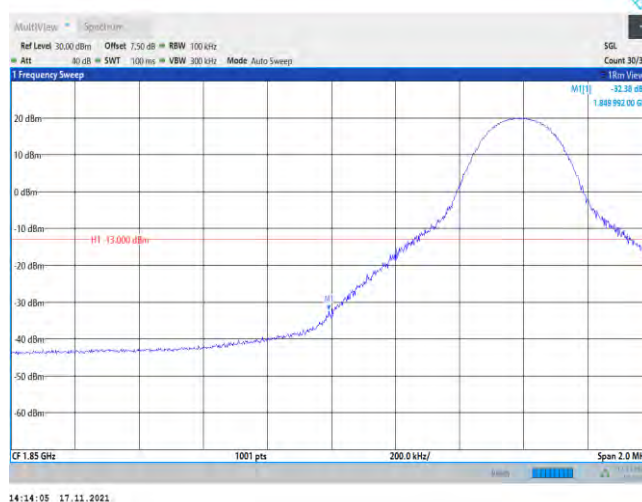
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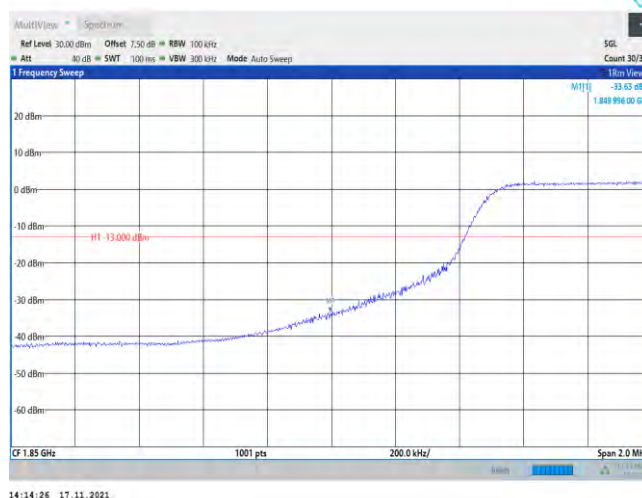
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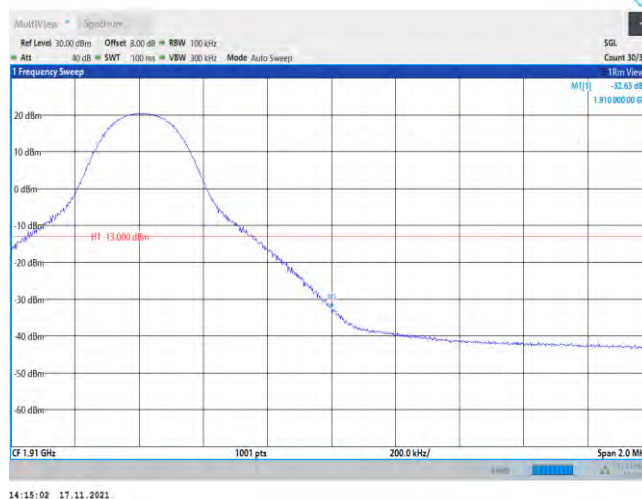
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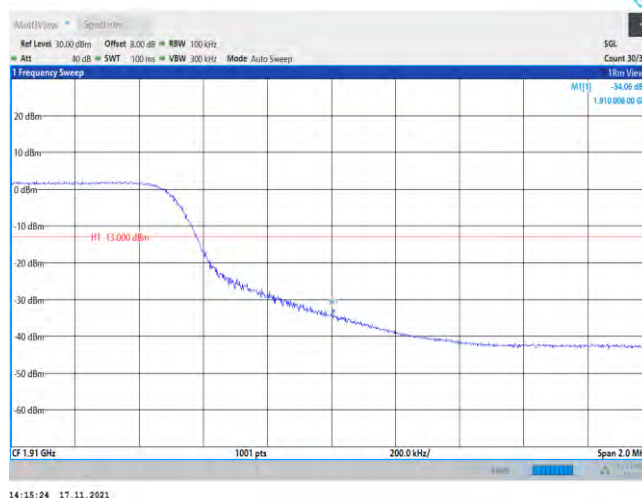
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Band2-10MHz-QPSK-19150-1RB#49



Band2-10MHz-QPSK-19150-50RB#0



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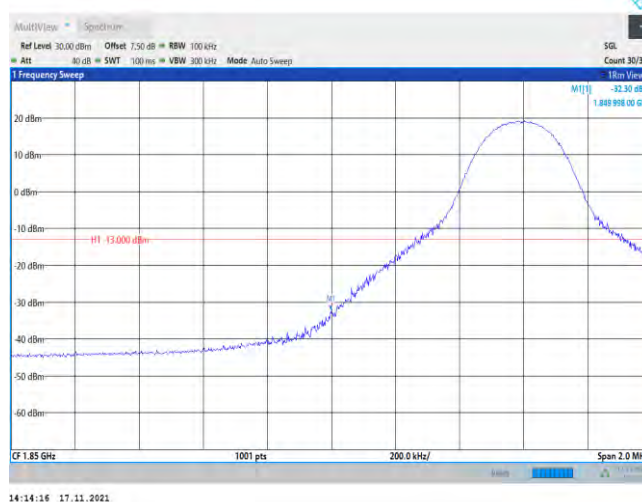
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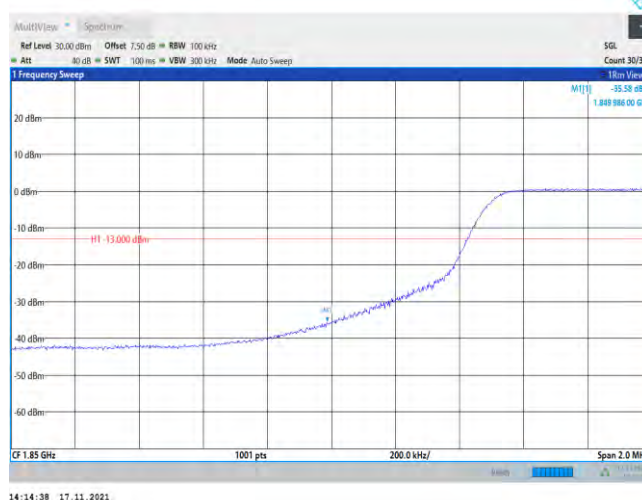
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Band2-10MHz-16QAM-18650-1RB#0



Band2-10MHz-16QAM-18650-50RB#0



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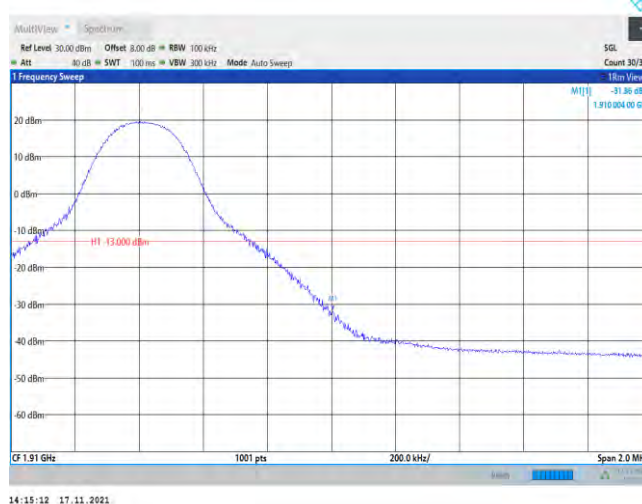
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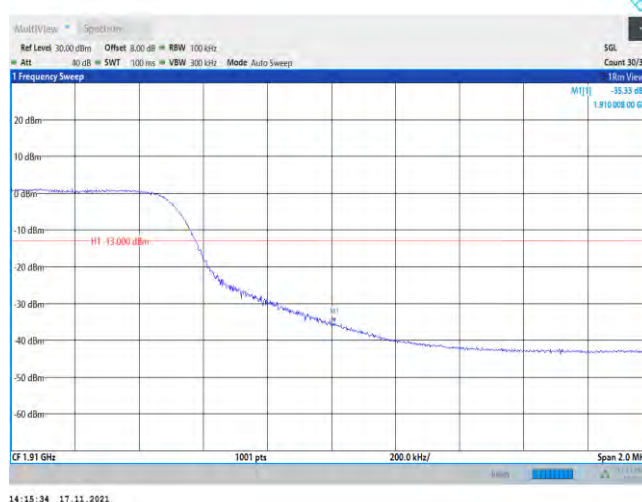
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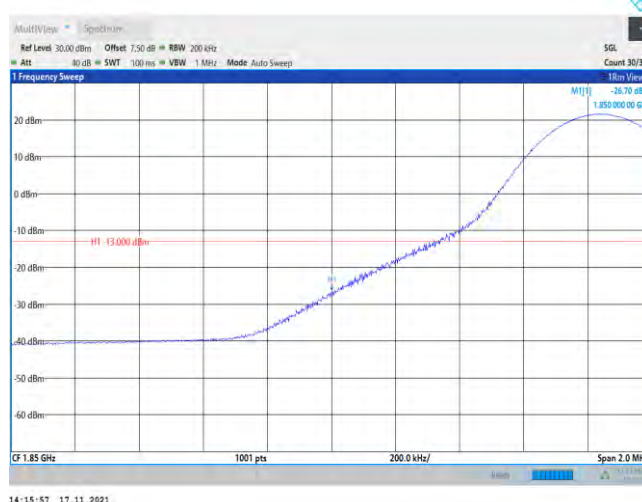
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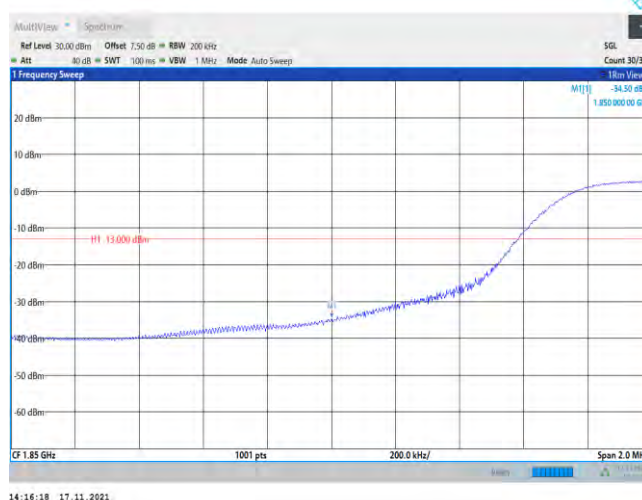
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Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



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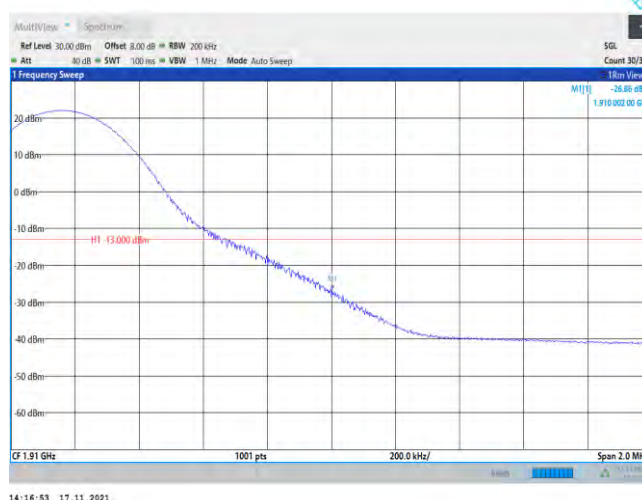
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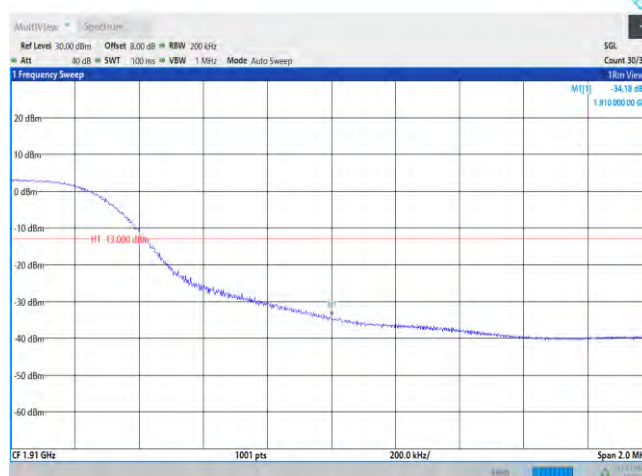
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Band2-15MHz-QPSK-19125-1RB#74



14:16:53 17.11.2021

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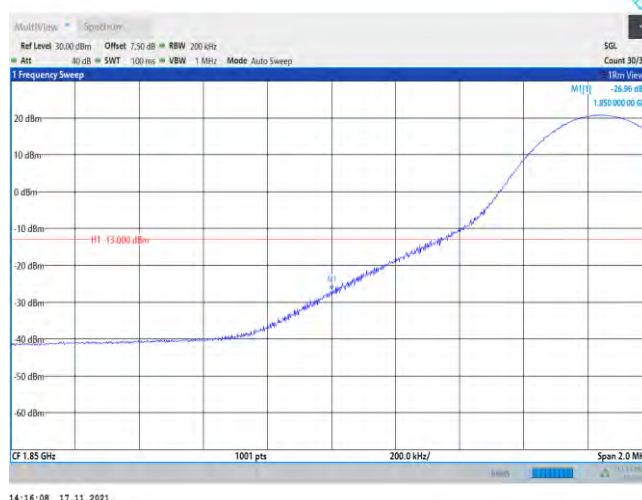
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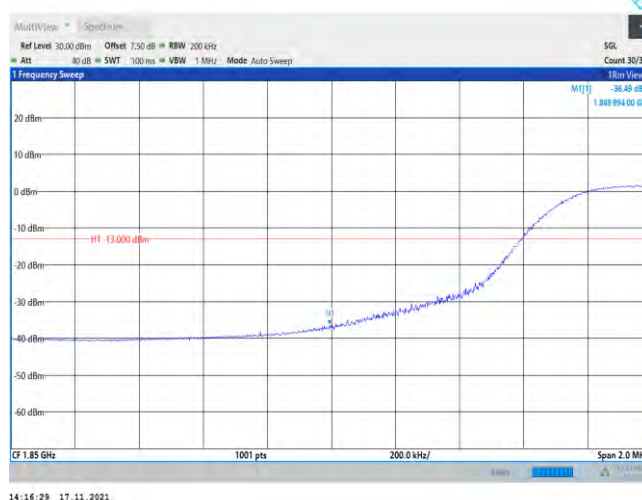
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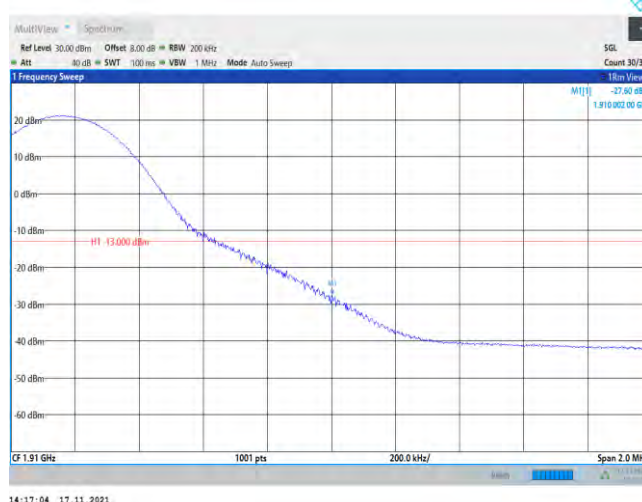
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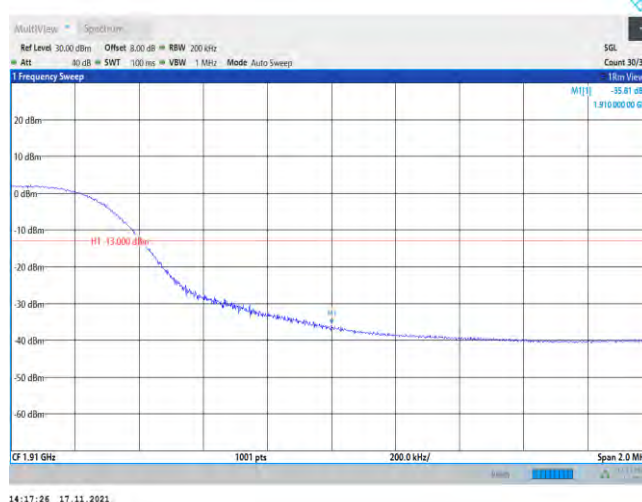
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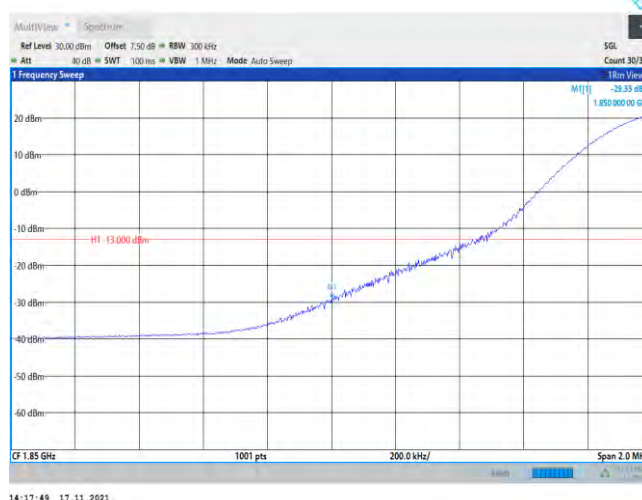
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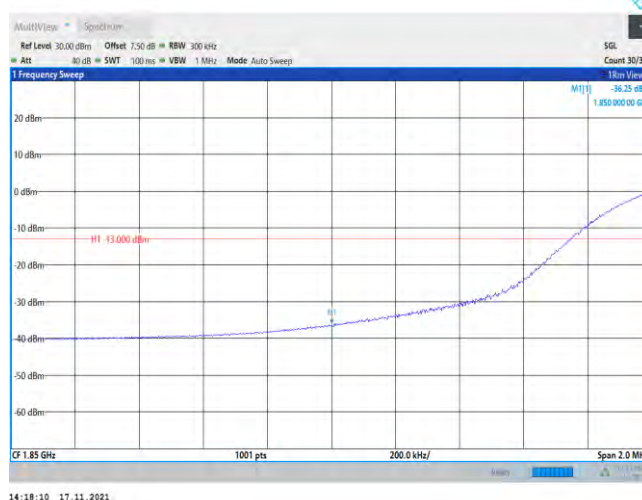
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Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



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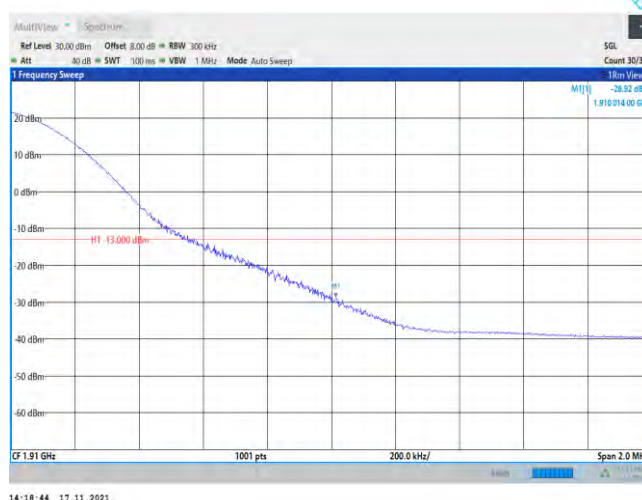
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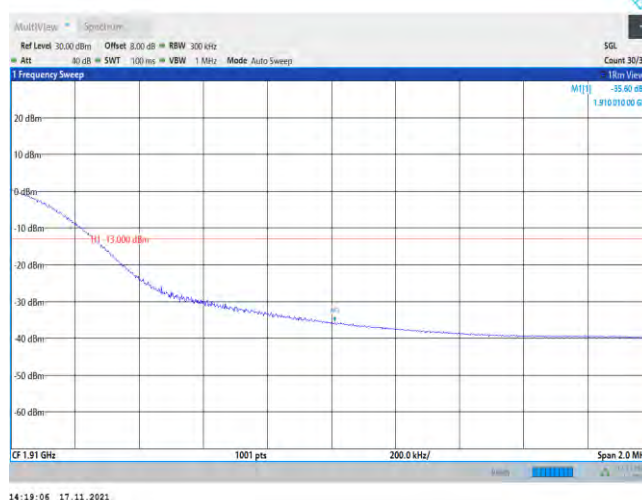
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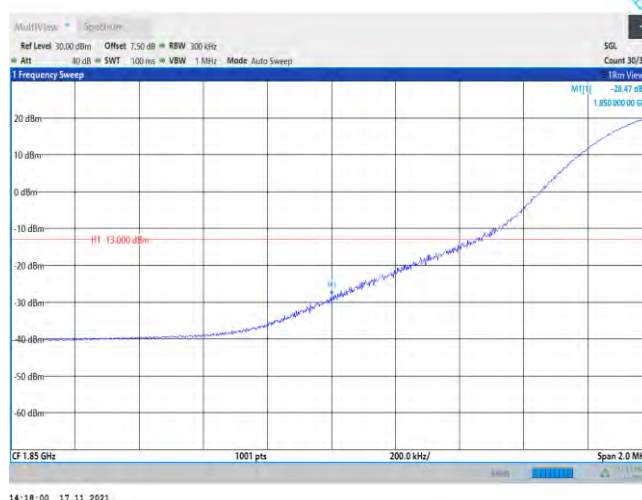
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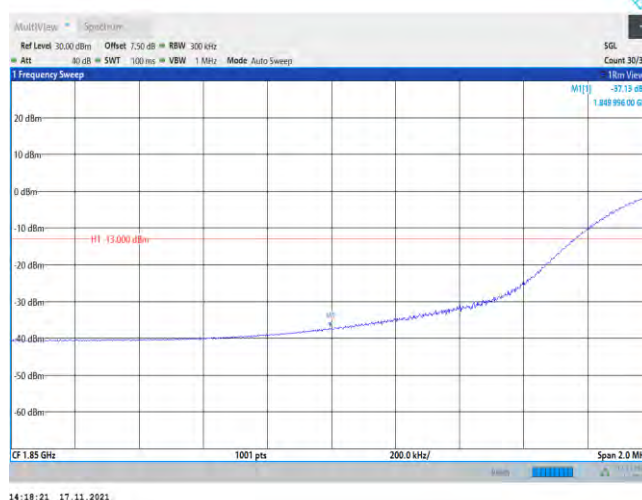
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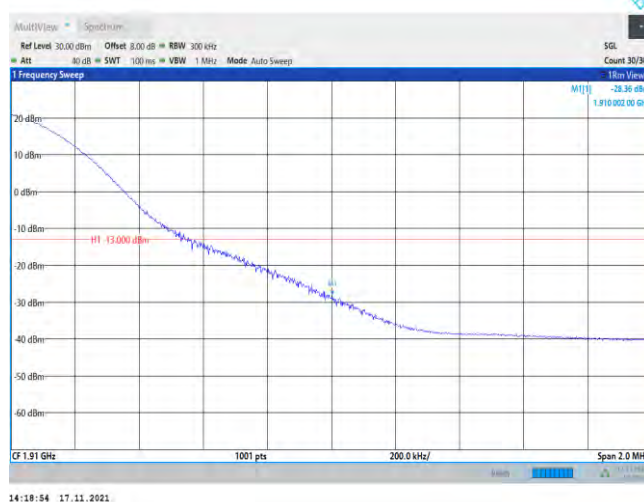
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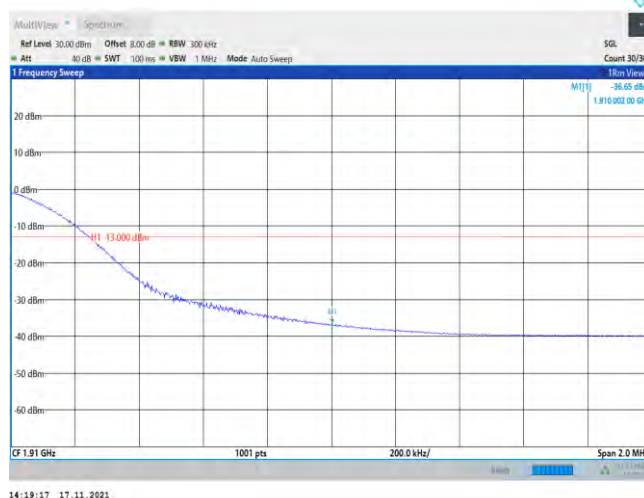
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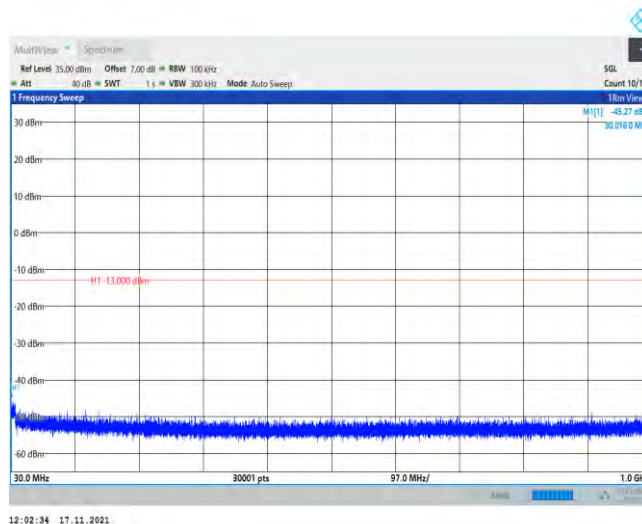
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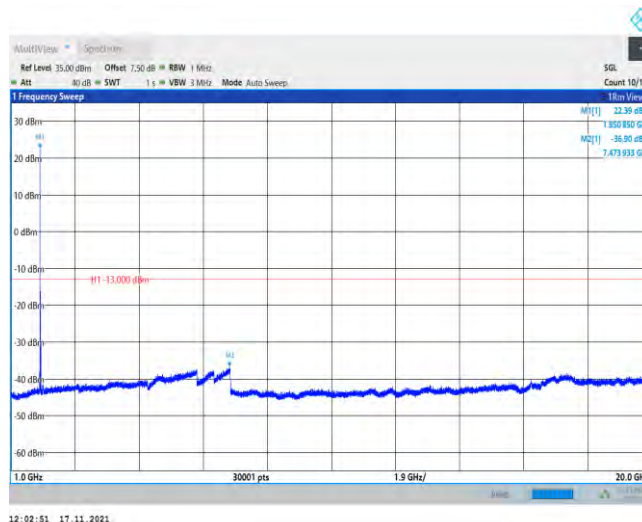
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



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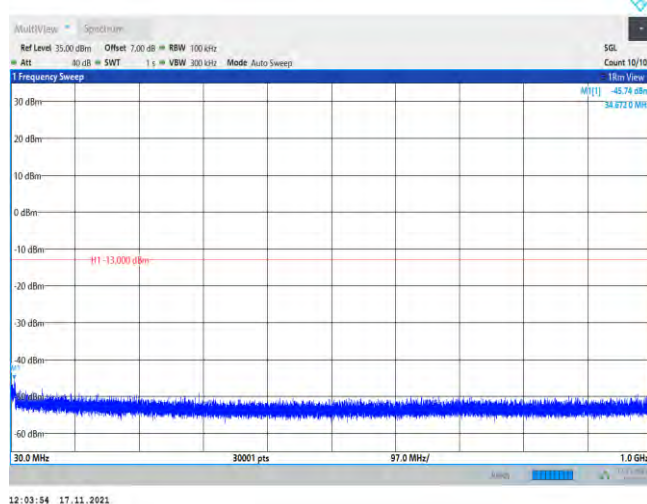


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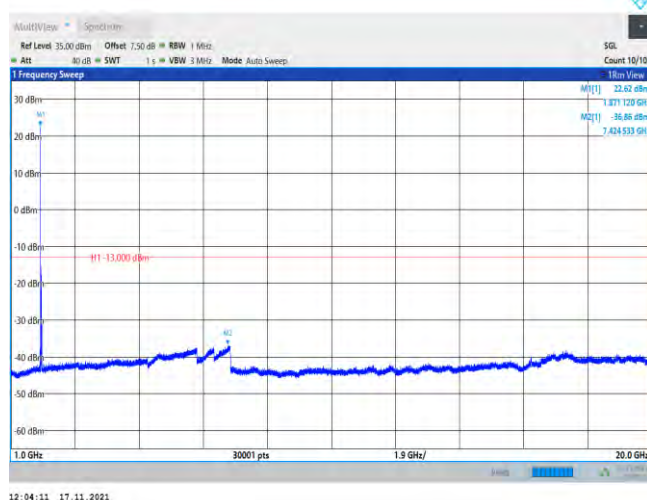
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Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



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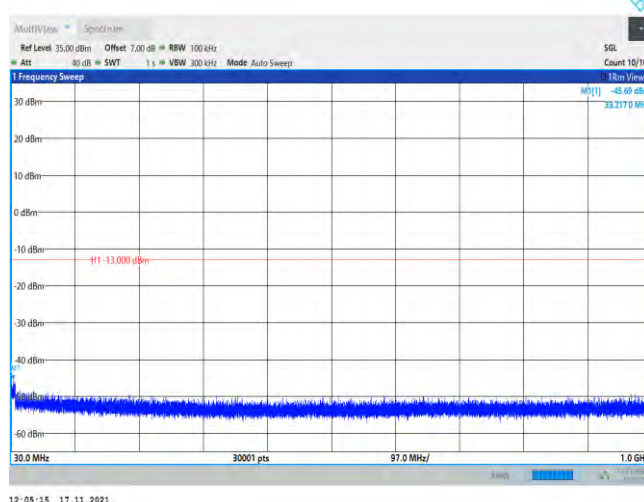
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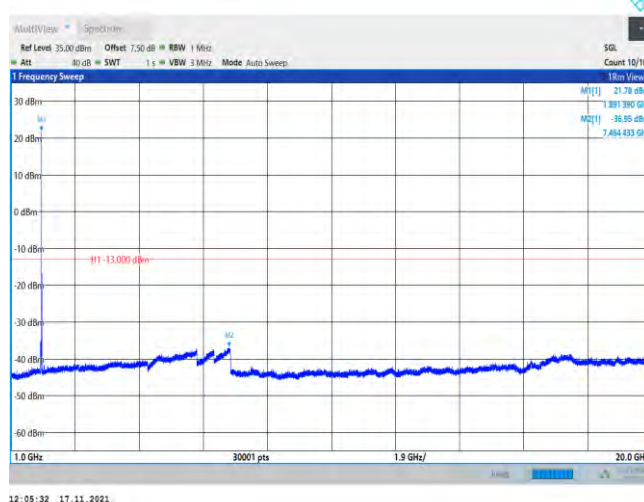
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Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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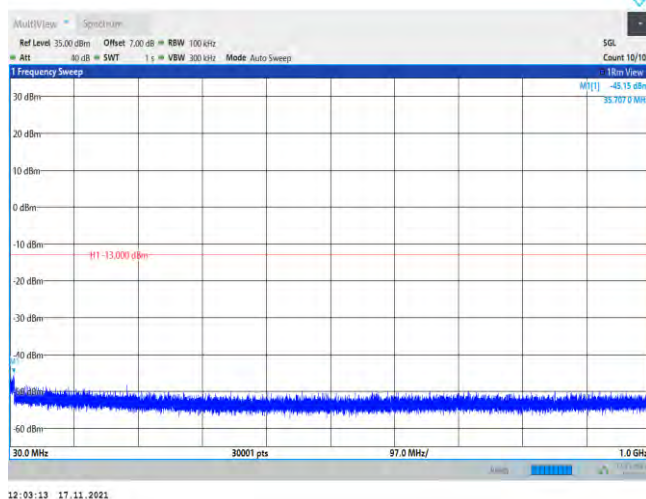
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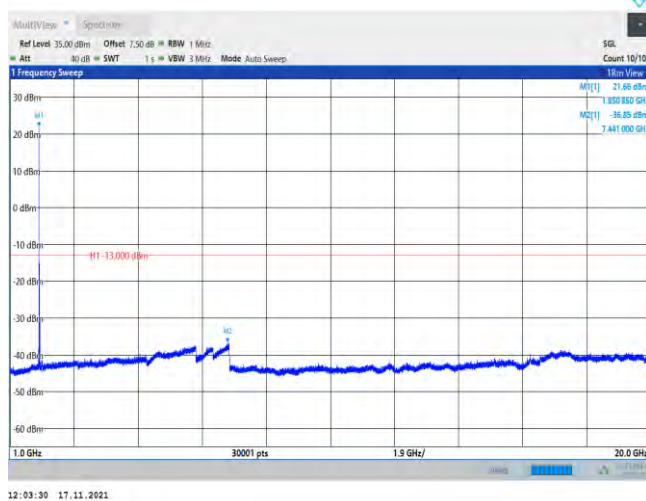
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Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



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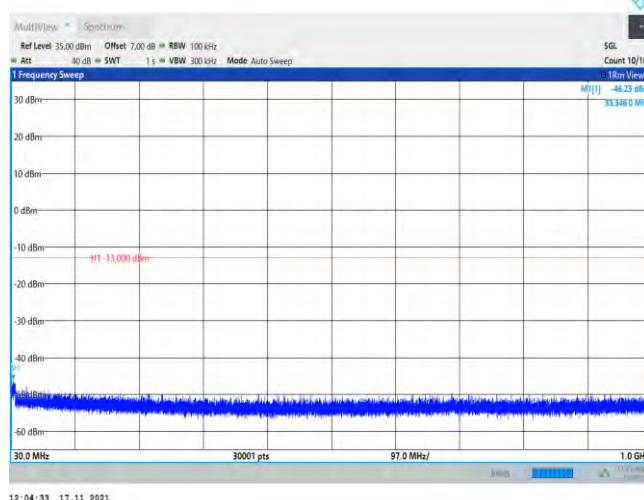
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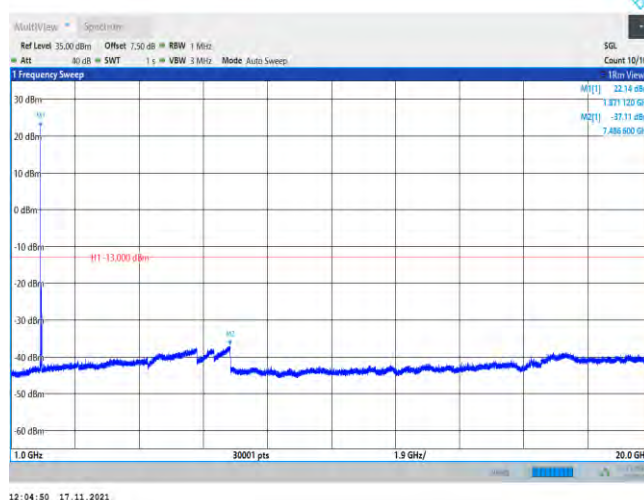
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Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



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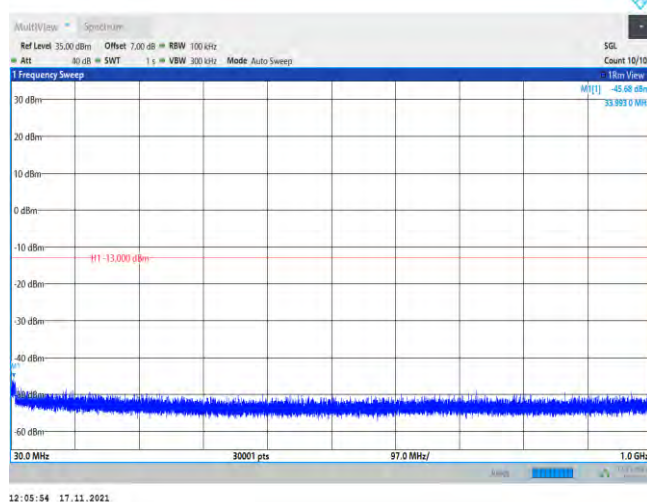
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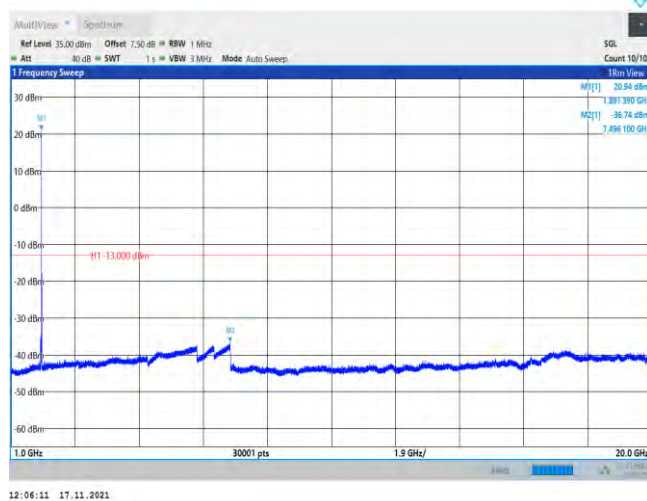
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Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 2_ TM1
Test Channel =Low Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.0000	65.43	-45.64	-13.00	32.64	156	59	Horizontal
2	3702.1800	59.58	-51.49	-13.00	38.49	216	59	Horizontal
3	5553.2700	58.08	-48.28	-13.00	35.28	263	127	Horizontal
4	7404.3600	57.71	-43.07	-13.00	30.07	196	133	Horizontal
5	9255.4500	50.25	-44.83	-13.00	31.83	106	53	Horizontal
6	11106.0000	51.33	-39.79	-13.00	26.79	352	339	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.0000	65.03	-46.04	-13.00	33.04	156	14	Vertical
2	5553.2700	61.77	-44.59	-13.00	31.59	213	339	Vertical
3	7404.3600	55.51	-45.27	-13.00	32.27	335	1	Vertical
4	9255.4500	50.15	-44.93	-13.00	31.93	216	333	Vertical
5	11106.5400	47.94	-43.18	-13.00	30.18	152	333	Vertical
6	12957.6300	45.07	-45.53	-13.00	32.53	195	8	Vertical



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Report No.: XEWM2203000061RG01

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Test Band = LTE Band 2__TM1
Test Channel =Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741.7500	63.96	-46.91	-13.00	33.91	116	58	Horizontal
2	5613.0000	63.92	-42.22	-13.00	29.22	152	308	Horizontal
3	7484.3600	51.42	-49.01	-13.00	36.01	196	120	Horizontal
4	9355.4500	46.20	-48.76	-13.00	35.76	321	96	Horizontal
5	11226.5400	46.92	-44.03	-13.00	31.03	215	71	Horizontal
6	13097.6300	46.95	-43.12	-13.00	30.12	155	139	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	64.04	-46.82	-13.00	33.82	303	301	Vertical
2	5613.0000	70.24	-35.90	-13.00	22.90	168	339	Vertical
3	7484.3600	50.72	-49.71	-13.00	36.71	146	0	Vertical
4	9355.4500	46.21	-48.75	-13.00	35.75	265	339	Vertical
5	11226.5400	44.38	-46.57	-13.00	33.57	152	326	Vertical
6	13097.6300	43.48	-46.59	-13.00	33.59	299	40	Vertical



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Test Band = LTE Band 2_ TM1
Test Channel =High Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	64.62	-46.04	-13.00	33.04	169	189	Horizontal
2	5673.0000	63.22	-42.66	-13.00	29.66	185	44	Horizontal
3	7564.3600	57.73	-42.28	-13.00	29.28	216	132	Horizontal
4	9455.4500	49.71	-45.15	-13.00	32.15	326	82	Horizontal
5	11346.5400	46.70	-44.74	-13.00	31.74	196	0	Horizontal
6	13237.6300	51.72	-38.77	-13.00	25.77	135	139	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	66.87	-43.79	-13.00	30.79	169	52	Vertical
2	5673.0000	68.53	-37.35	-13.00	24.35	196	332	Vertical
3	7564.3600	55.11	-44.90	-13.00	31.90	351	0	Vertical
4	9455.4500	48.41	-46.45	-13.00	33.45	246	320	Vertical
5	11346.5400	42.51	-48.93	-13.00	35.93	156	132	Vertical
6	13237.6300	46.79	-43.70	-13.00	30.70	187	333	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-1.80	-0.000968	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	0.40	0.000215	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.30	0.000161	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-6.40	-0.003404	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.80	-0.002021	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.40	-0.001809	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-4.70	-0.002474	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-4.20	-0.002211	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-3.70	-0.001947	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.10	0.000591	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-0.50	-0.000269	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-1.40	-0.000753	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-3.90	-0.002074	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-3.90	-0.002074	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-3.90	-0.002074	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-4.00	-0.002105	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-3.10	-0.001632	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-4.10	-0.002158	PASS



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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	0.30	0.000161	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-0.90	-0.000484	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	0.20	0.000108	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	0.80	0.000430	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	0.30	0.000161	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-0.60	-0.000323	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-0.30	-0.000161	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	0.10	0.000054	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-4.40	-0.002340	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-3.90	-0.002074	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.30	-0.002287	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-4.80	-0.002553	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-4.80	-0.002553	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-3.40	-0.001809	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-4.80	-0.002553	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-3.00	-0.001596	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-3.60	-0.001895	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-3.50	-0.001842	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-3.90	-0.002053	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.90	-0.001526	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-3.40	-0.001789	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-4.30	-0.002263	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-4.10	-0.002158	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-4.10	-0.002158	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.00	0.000538	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	0.40	0.000215	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	0.90	0.000484	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	0.10	0.000054	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	0.40	0.000215	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	0.20	0.000108	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-0.10	-0.000054	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-0.20	-0.000108	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-3.40	-0.001809	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-3.30	-0.001755	PASS



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Band2	20MHz	16QAM	18900	100RB#0	NV	0	-3.50	-0.001862	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-2.80	-0.001489	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-2.60	-0.001383	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-4.70	-0.002500	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-4.50	-0.002394	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-3.90	-0.002074	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.80	-0.002000	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-4.30	-0.002263	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-4.10	-0.002158	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.30	-0.002263	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-3.70	-0.001947	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-3.60	-0.001895	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-3.50	-0.001842	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-2.70	-0.001421	PASS

The End



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