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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.86	18.69	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.76	18.59	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.66	18.49	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.68	18.51	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.75	18.58	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.72	18.55	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	24.15	17.98	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.68	18.51	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.63	18.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.60	18.43	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.57	18.40	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.62	18.45	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.59	18.42	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.99	17.82	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.60	18.43	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.49	18.32	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.45	18.28	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.39	18.22	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.40	18.23	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.44	18.27	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.97	17.80	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.56	18.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.57	18.40	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	24.79	18.62	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	24.35	18.18	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	24.37	18.20	38.45	PASS



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Band5	1.4MHz	16QAM	20407	3RB#3	24.39	18.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.20	17.03	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	24.41	18.24	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.40	18.23	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	24.52	18.35	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	24.34	18.17	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	24.29	18.12	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	24.32	18.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.16	16.99	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	24.21	18.04	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.43	18.26	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	24.49	18.32	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	24.26	18.09	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	24.11	17.94	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	24.23	18.06	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	23.07	16.90	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	23.40	17.23	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	23.41	17.24	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	23.29	17.12	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	23.34	17.17	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	23.35	17.18	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	23.22	17.05	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	22.24	16.07	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.23	16.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	23.20	17.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	23.20	17.03	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	23.23	17.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	23.23	17.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	23.08	16.91	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	22.02	15.85	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	22.12	15.95	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	23.16	16.99	38.45	PASS



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Band5	1.4MHz	64QAM	20643	1RB#5	23.16	16.99	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	23.05	16.88	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	23.15	16.98	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	23.11	16.94	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	21.96	15.79	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	20.28	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	20.32	14.15	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	20.15	13.98	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#0	20.28	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#1	20.28	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#3	20.23	14.06	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	20.18	14.01	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	20.09	13.92	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	20.05	13.88	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	20.14	13.97	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#0	20.06	13.89	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#1	20.07	13.90	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#3	20.14	13.97	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	20.02	13.85	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	20.13	13.96	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	20.15	13.98	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	19.87	13.70	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#0	19.97	13.80	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#1	19.99	13.82	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#3	19.97	13.80	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	19.96	13.79	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.66	18.49	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.64	18.47	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.55	18.38	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	24.22	18.05	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	24.25	18.08	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	24.22	18.05	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	24.17	18.00	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.46	18.29	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.57	18.40	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.56	18.39	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	24.10	17.93	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	24.14	17.97	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	24.08	17.91	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	24.02	17.85	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.62	18.45	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.54	18.37	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.35	18.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.95	17.78	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	24.11	17.94	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.98	17.81	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.96	17.79	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	24.40	18.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.70	18.53	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	24.43	18.26	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.36	17.19	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	23.32	17.15	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.24	17.07	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	23.22	17.05	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	24.34	18.17	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	24.50	18.33	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	24.34	18.17	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	23.22	17.05	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	23.28	17.11	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.21	17.04	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	23.07	16.90	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	24.28	18.11	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.40	18.23	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	24.08	17.91	38.45	PASS



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Band5	3MHz	16QAM	20635	8RB#4	23.14	16.97	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.07	16.90	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.01	16.84	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	23.41	17.24	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	23.41	17.24	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	23.27	17.10	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	22.29	16.12	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	22.29	16.12	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	22.24	16.07	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	22.19	16.02	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.34	16.17	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	23.29	17.12	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	23.30	17.13	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	22.09	15.92	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	22.14	15.97	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	22.11	15.94	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	22.03	15.86	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.04	15.87	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	23.19	17.02	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	23.02	16.85	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	21.95	15.78	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	22.06	15.89	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	22.01	15.84	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.97	15.80	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	20.22	14.05	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	20.37	14.20	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	20.19	14.02	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#0	20.26	14.09	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#4	20.19	14.02	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#7	20.21	14.04	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	20.25	14.08	38.45	PASS



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Band5	3MHz	256QAM	20525	1RB#0	20.10	13.93	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	20.13	13.96	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	20.15	13.98	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#0	20.04	13.87	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#4	20.15	13.98	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#7	20.18	14.01	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	20.03	13.86	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	20.04	13.87	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	20.11	13.94	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	19.93	13.76	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#0	19.88	13.71	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#4	20.01	13.84	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#7	19.93	13.76	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	19.97	13.80	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.77	18.60	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.70	18.53	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.62	18.45	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	24.17	18.00	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	24.24	18.07	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	24.19	18.02	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	24.29	18.12	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.72	18.55	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.57	18.40	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.59	18.42	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	24.10	17.93	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	24.01	17.84	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	24.17	18.00	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	24.00	17.83	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.57	18.40	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.57	18.40	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.46	18.29	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	24.01	17.84	38.45	PASS



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Band5	5MHz	QPSK	20625	12RB#6	24.03	17.86	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	24.03	17.86	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.92	17.75	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	24.51	18.34	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	24.64	18.47	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	24.58	18.41	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.37	17.20	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	23.30	17.13	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	23.30	17.13	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	23.26	17.09	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.61	18.44	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	24.63	18.46	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	24.32	18.15	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	23.24	17.07	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.08	16.91	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.15	16.98	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	23.05	16.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	24.30	18.13	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	24.49	18.32	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	24.21	18.04	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	23.07	16.90	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.99	16.82	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.09	16.92	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.97	16.80	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	23.50	17.33	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	23.47	17.30	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	23.39	17.22	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	22.13	15.96	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	22.25	16.08	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	22.22	16.05	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	22.25	16.08	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.23	16.06	38.45	PASS



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Band5	5MHz	64QAM	20525	1RB#12	23.33	17.16	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	23.27	17.10	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	22.13	15.96	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	22.06	15.89	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	22.10	15.93	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	22.03	15.86	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.11	15.94	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	23.19	17.02	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	23.16	16.99	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.96	15.79	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	21.97	15.80	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	22.05	15.88	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	21.96	15.79	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	20.43	14.26	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	20.39	14.22	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	20.22	14.05	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#0	20.17	14.00	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#6	20.31	14.14	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#13	20.18	14.01	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	20.23	14.06	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	20.31	14.14	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	20.22	14.05	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	20.04	13.87	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#0	20.11	13.94	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#6	20.10	13.93	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#13	20.12	13.95	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	20.11	13.94	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	20.02	13.85	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	20.18	14.01	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	20.14	13.97	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#0	19.83	13.66	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#6	20.03	13.86	38.45	PASS



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Band5	5MHz	256QAM	20625	12RB#13	20.04	13.87	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	20.10	13.93	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.79	18.62	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.59	18.42	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.54	18.37	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	24.19	18.02	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	24.29	18.12	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	24.17	18.00	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	24.32	18.15	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.64	18.47	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.60	18.43	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.38	18.21	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	24.17	18.00	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	24.17	18.00	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	24.12	17.95	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	24.12	17.95	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.49	18.32	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.48	18.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.54	18.37	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.99	17.82	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	24.15	17.98	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	24.05	17.88	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	24.15	17.98	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.62	18.45	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	24.55	18.38	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	24.36	18.19	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	23.26	17.09	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.34	17.17	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	23.19	17.02	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	23.33	17.16	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	24.76	18.59	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	24.40	18.23	38.45	PASS



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Band5	10MHz	16QAM	20525	25RB#0	23.16	16.99	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	23.17	17.00	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.17	17.00	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	23.15	16.98	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.49	18.32	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	24.42	18.25	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	24.31	18.14	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	23.03	16.86	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.12	16.95	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.02	16.85	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	23.05	16.88	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	23.54	17.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	23.25	17.08	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	23.11	16.94	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	22.22	16.05	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	22.31	16.14	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	22.17	16.00	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	22.22	16.05	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.23	16.06	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	23.29	17.12	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	23.23	17.06	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	22.08	15.91	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	22.07	15.90	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	22.11	15.94	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	22.14	15.97	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.12	15.95	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	23.18	17.01	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	23.07	16.90	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	22.02	15.85	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	22.11	15.94	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	22.01	15.84	38.45	PASS



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Band5	10MHz	256QAM	20450	1RB#0	20.26	14.09	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	20.18	14.01	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	20.26	14.09	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#0	20.33	14.16	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#12	20.29	14.12	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#25	20.13	13.96	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	20.25	14.08	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	20.21	14.04	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	20.18	14.01	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	20.09	13.92	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#0	20.20	14.03	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#12	20.09	13.92	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#25	20.08	13.91	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	20.19	14.02	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	20.07	13.90	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	20.18	14.01	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	19.83	13.66	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#0	20.00	13.83	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#12	20.18	14.01	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#25	20.06	13.89	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	20.09	13.92	38.45	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.50	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.48	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.44	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.52	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.12	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.20	13	PASS
Band5	10MHz	256QAM	20450	50RB#0	6.34	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.44	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.58	13	PASS



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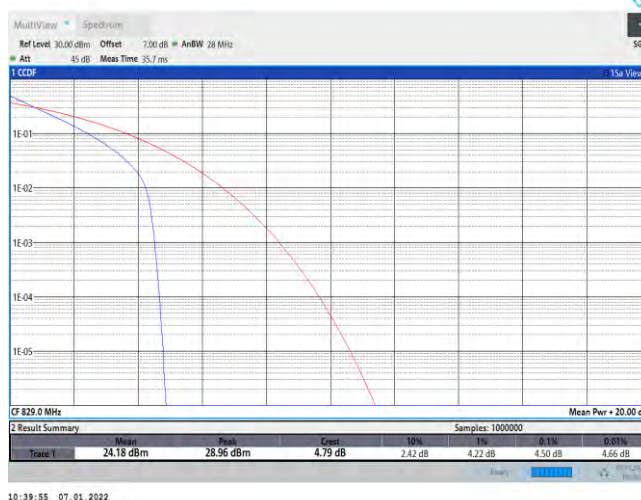
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Test Graphs

Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



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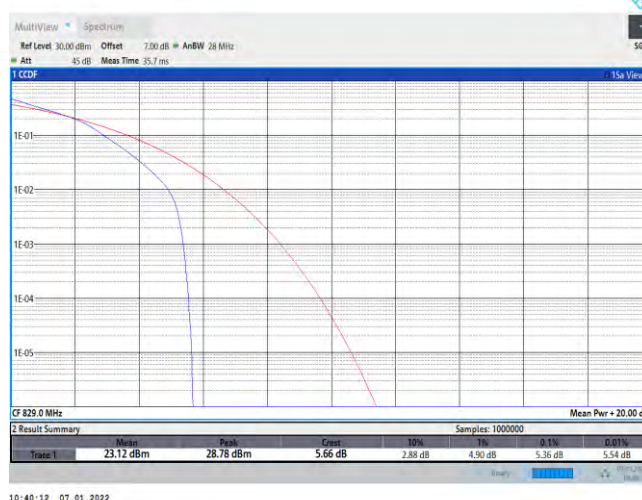
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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



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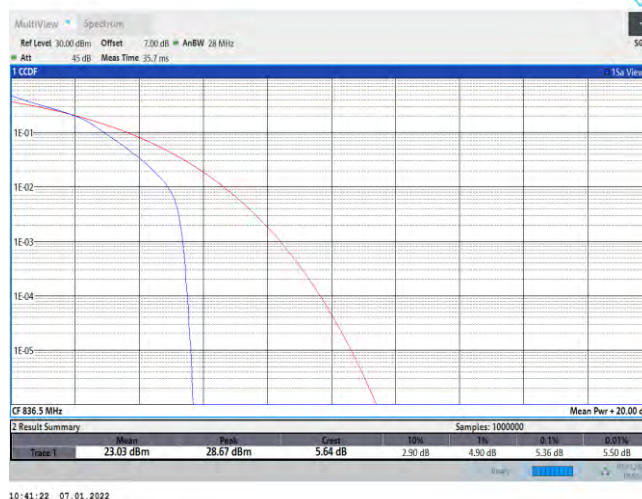
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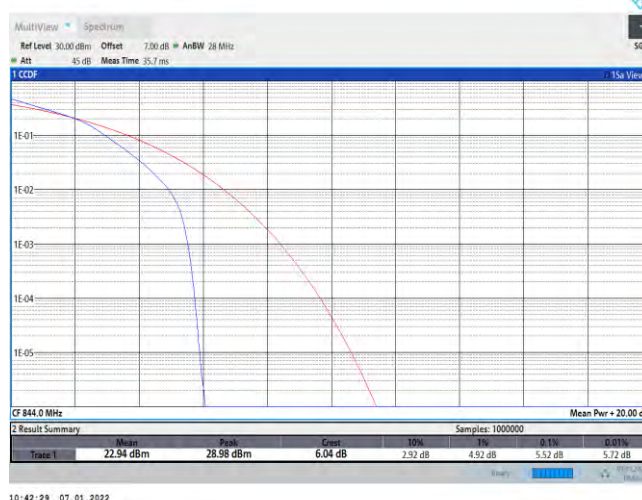
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Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



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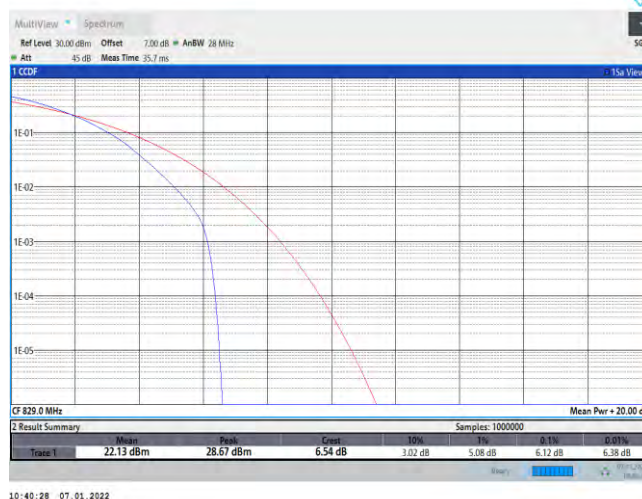
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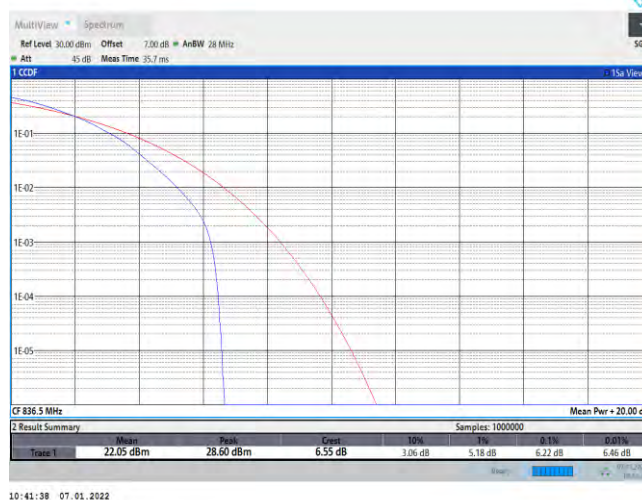
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Band5-10MHz-64QAM-20450-50RB#0



10:40:28 07.01.2022

Band5-10MHz-64QAM-20525-50RB#0



10:41:38 07.01.2022



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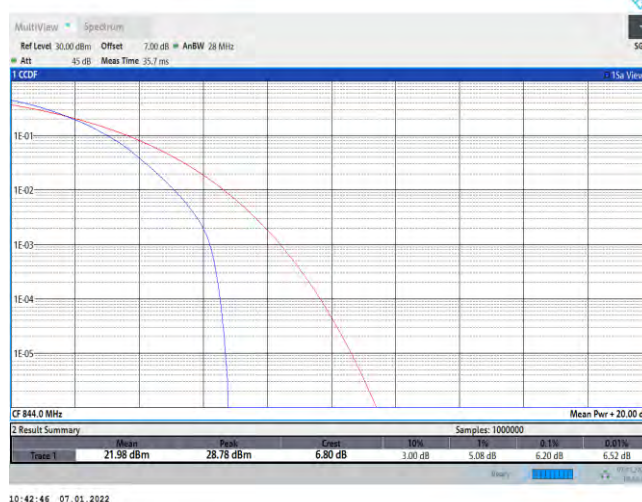
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Band5-10MHz-64QAM-20600-50RB#0



10:42:46 07.01.2022

Band5-10MHz-256QAM-20450-50RB#0



10:40:44 07.01.2022



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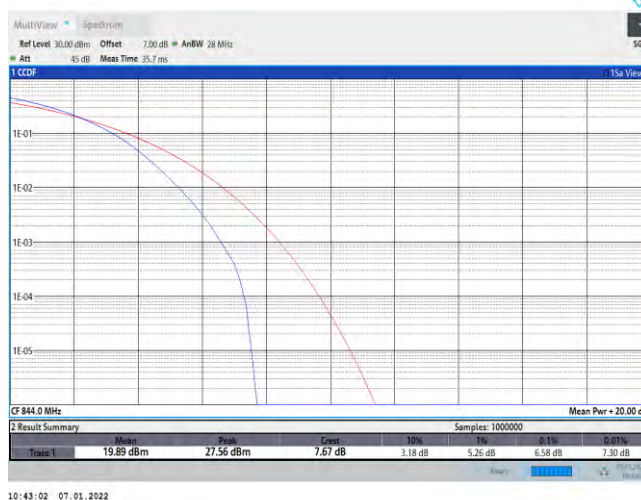
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Band5-10MHz-256QAM-20525-50RB#0



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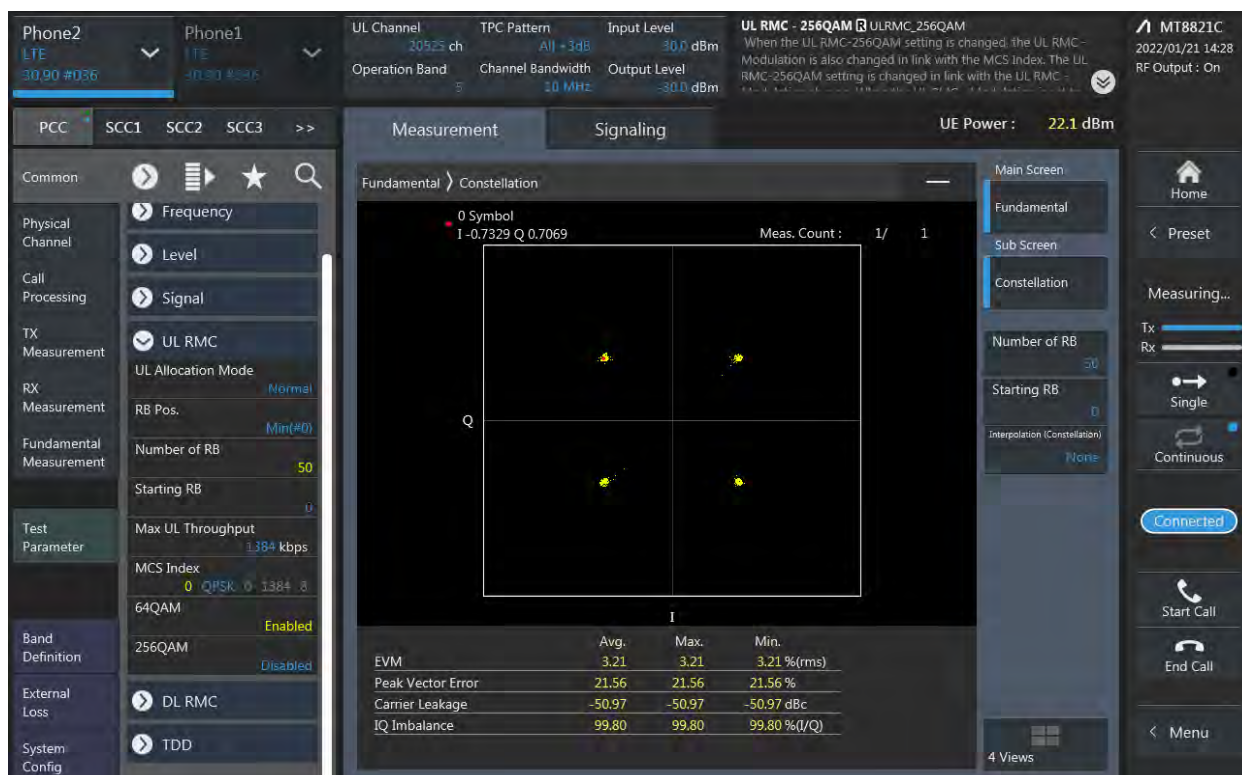
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Modulation Characteristics

Test Mode = LTE /TM1 10MHz

Test Channel = MCH



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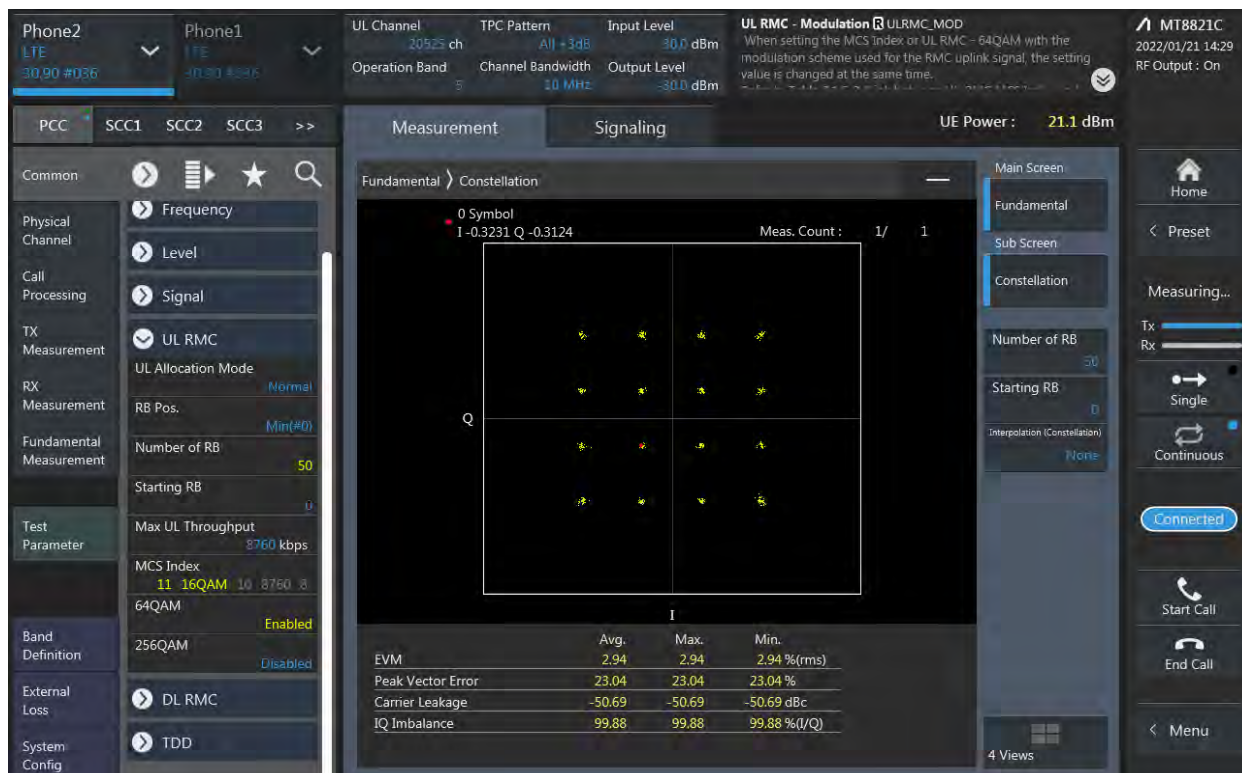
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Test Mode = LTE /TM2 10MHz

Test Channel = MCH



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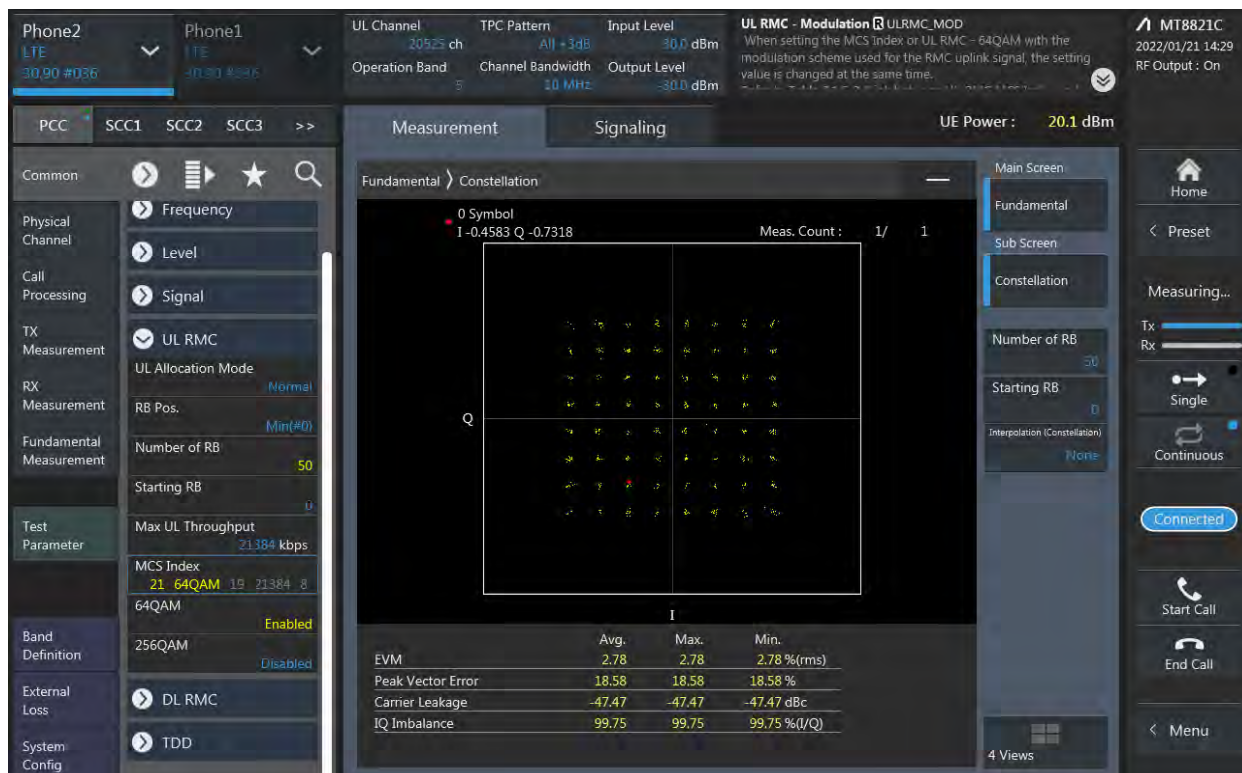
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Test Mode = LTE /TM3 10MHz

Test Channel = MCH



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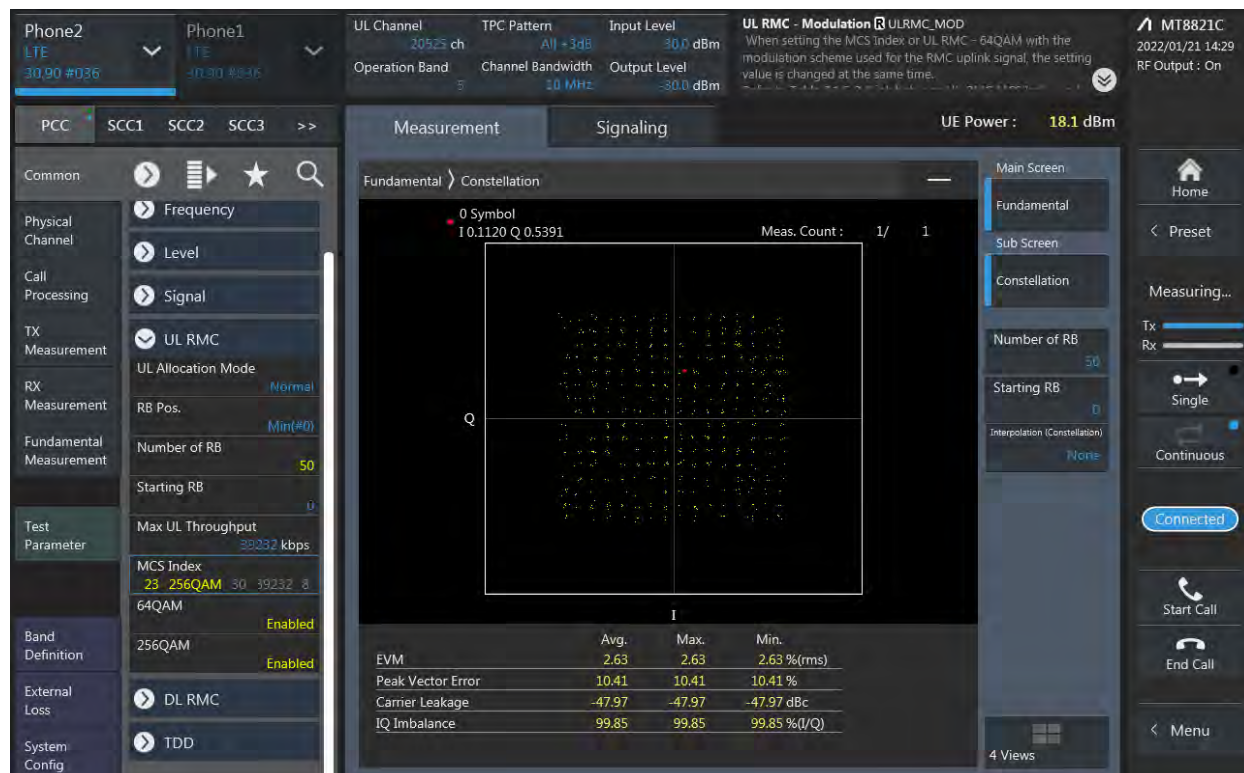
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Test Mode = LTE /TM4 10MHz

Test Channel = MCH



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.108	1.37	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.106	1.38	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.11	1.42	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.109	1.43	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.111	1.41	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.113	1.40	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.114	1.39	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.11	1.40	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.105	1.41	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.107	1.39	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.104	1.39	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.106	1.38	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.693	3.05	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	3.08	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.695	3.02	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.699	3.08	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.697	3.08	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.697	3.08	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.7	3.04	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.704	3.07	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.703	3.07	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.702	3.05	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.695	3.05	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.697	3.02	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.473	5.14	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.482	5.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.474	5.04	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.479	5.05	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.481	5.03	PASS



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Band5	5MHz	16QAM	20625	25RB#0	4.478	5.05	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.474	5.04	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	5.06	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.477	5.03	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.473	5.04	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.482	5.03	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.477	5.05	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.938	9.76	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.94	10.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.936	9.94	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.937	9.80	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.944	9.86	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.938	9.82	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.934	9.80	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.937	9.74	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.933	9.86	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.94	9.86	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.942	9.78	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.926	9.74	PASS



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Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



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Band5-1.4MHz-16QAM-20407-6RB#0



10:12:05 07.01.2022



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10:13:39 07.01.2022

Band5-1.4MHz-16QAM-20643-6RB#0



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Band5-1.4MHz-64QAM-20525-6RB#0



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Band5-1.4MHz-256QAM-20407-6RB#0



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Band5-1.4MHz-256QAM-20643-6RB#0



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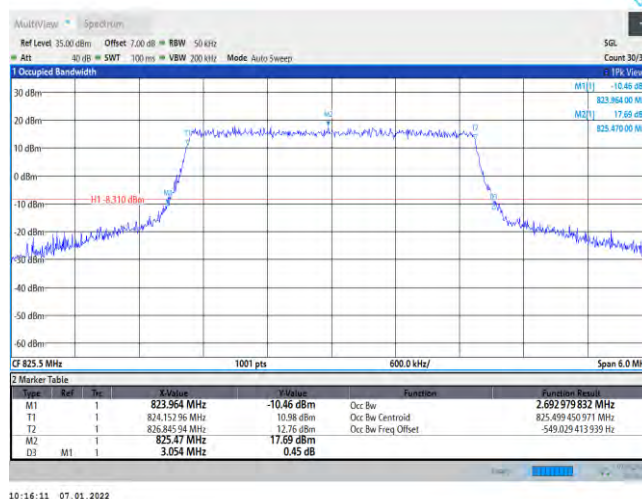
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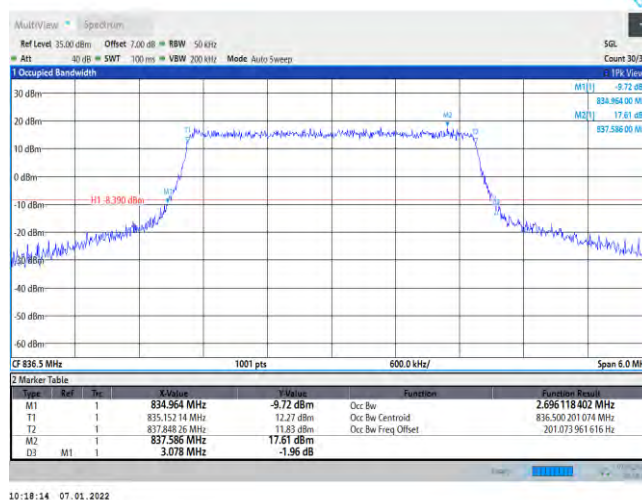
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



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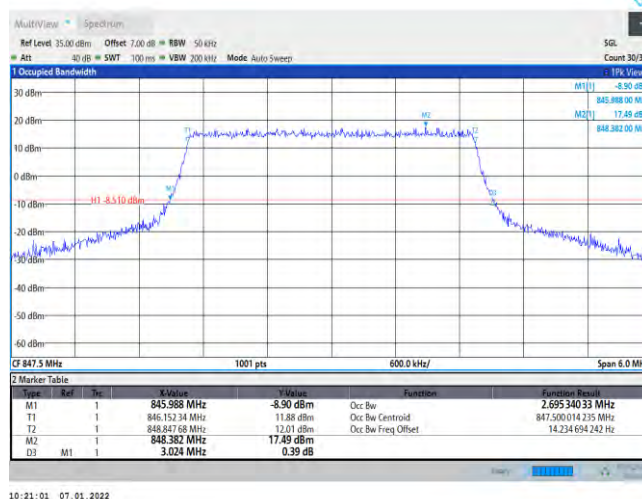
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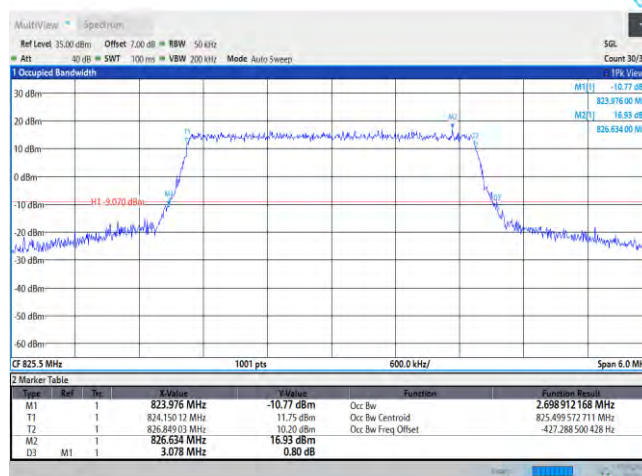
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Band5-3MHz-QPSK-20635-15RB#0



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Band5-3MHz-16QAM-20415-15RB#0



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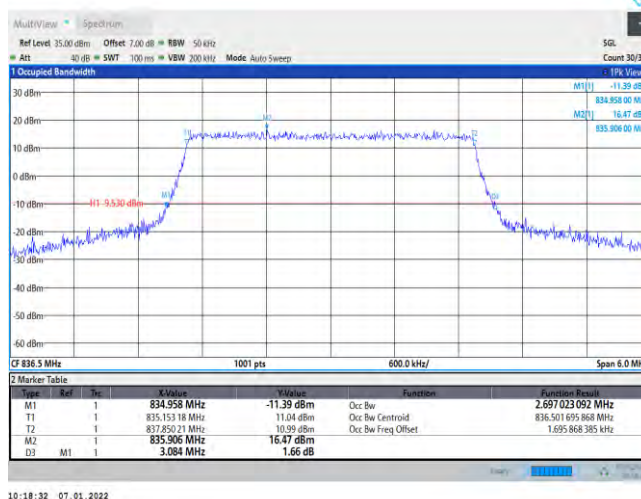
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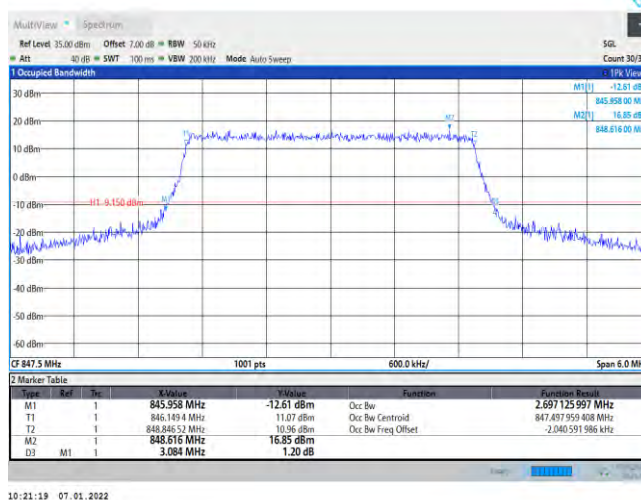
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Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



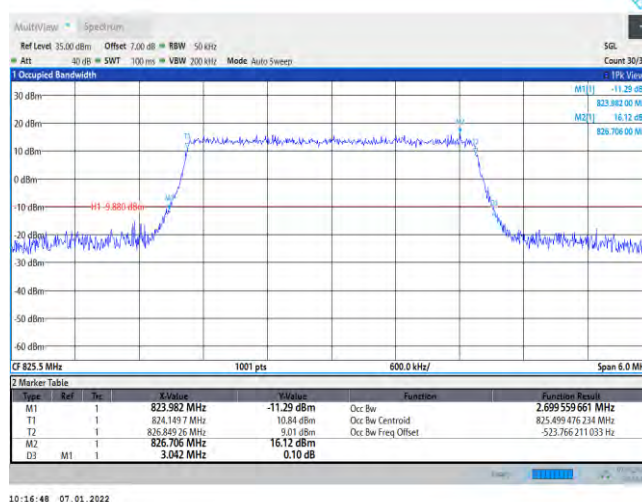
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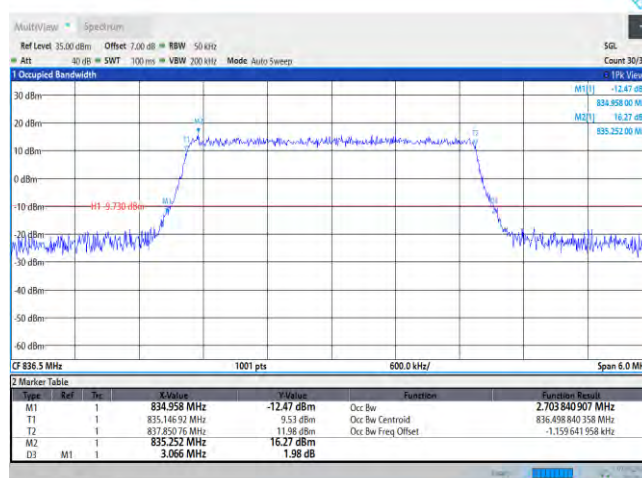
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Band5-3MHz-64QAM-20415-15RB#0



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Band5-3MHz-64QAM-20525-15RB#0



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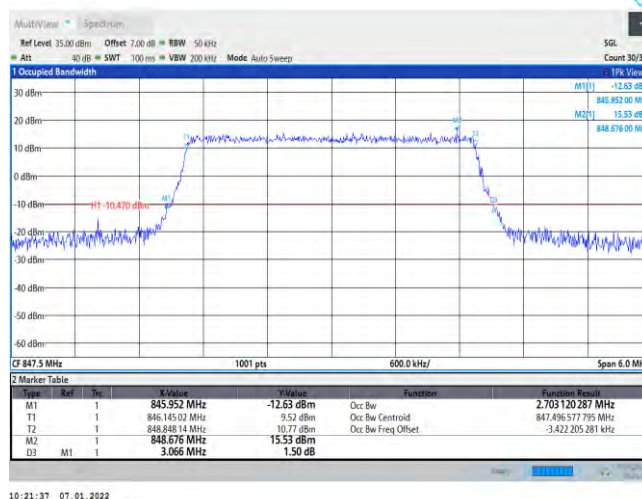
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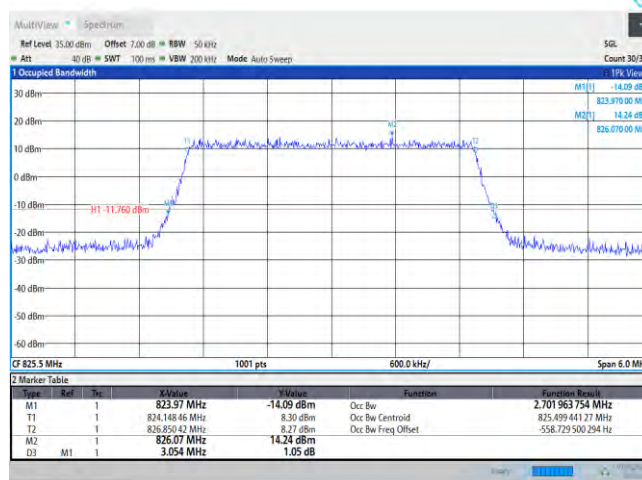
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Band5-3MHz-64QAM-20635-15RB#0



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Band5-3MHz-256QAM-20415-15RB#0



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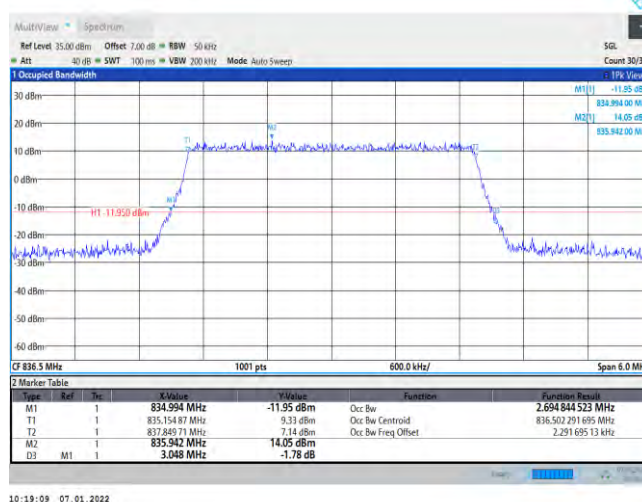
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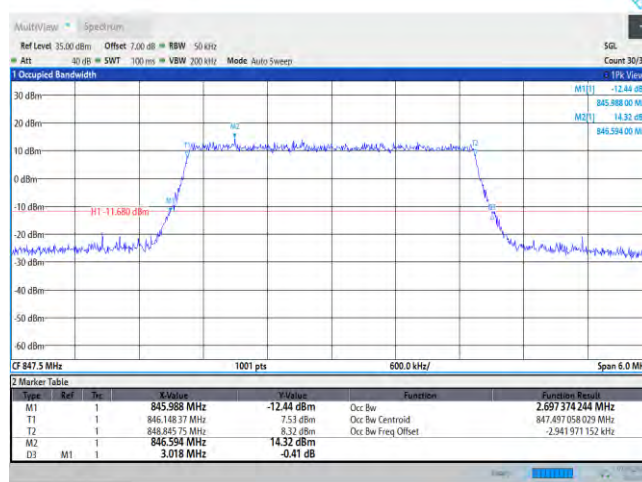
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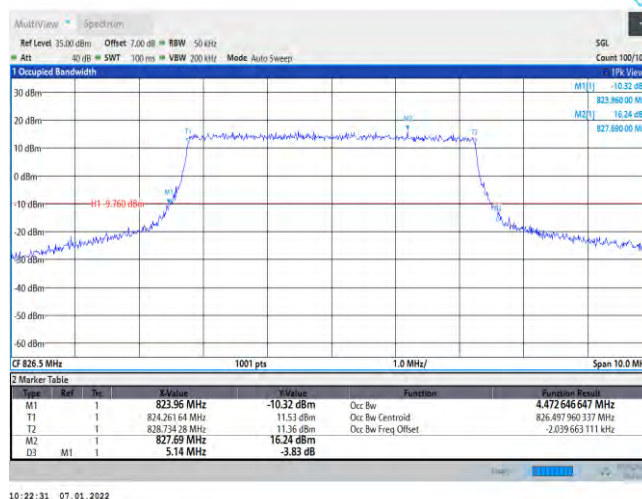
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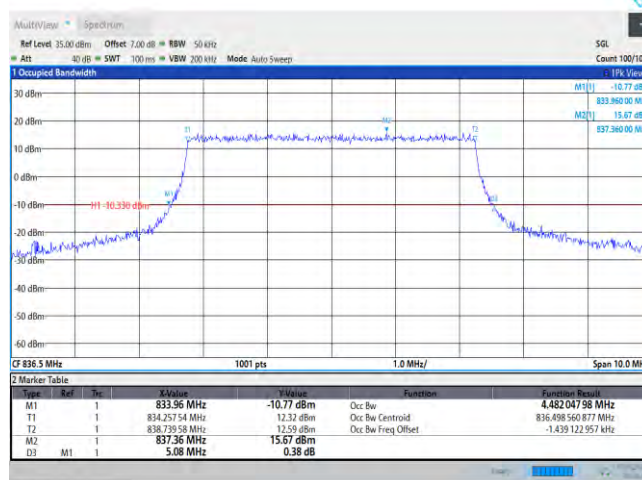
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Band5-5MHz-QPSK-20425-25RB#0



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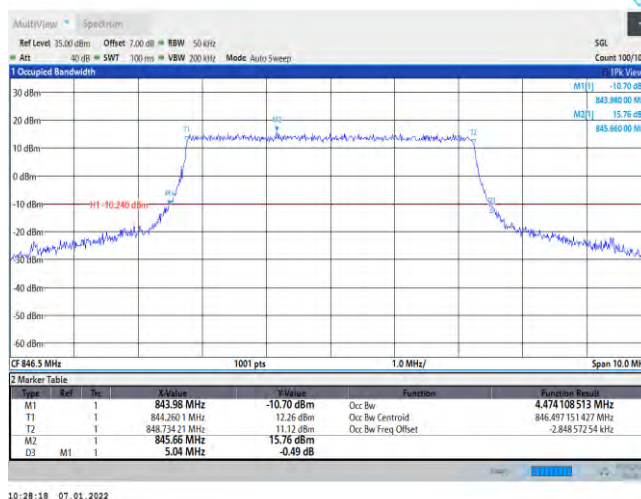
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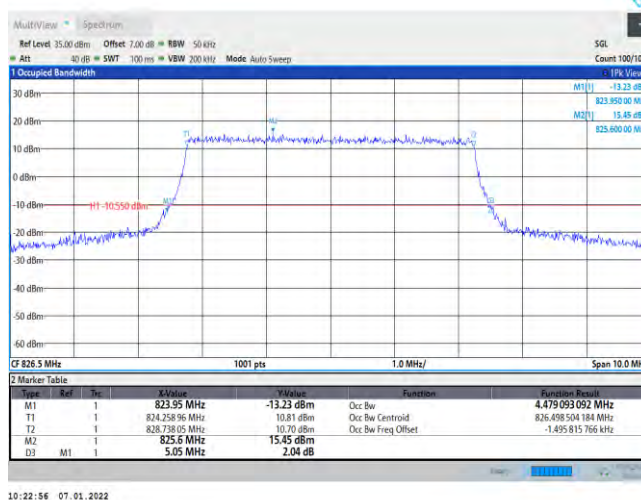
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Band5-5MHz-16QAM-20425-25RB#0



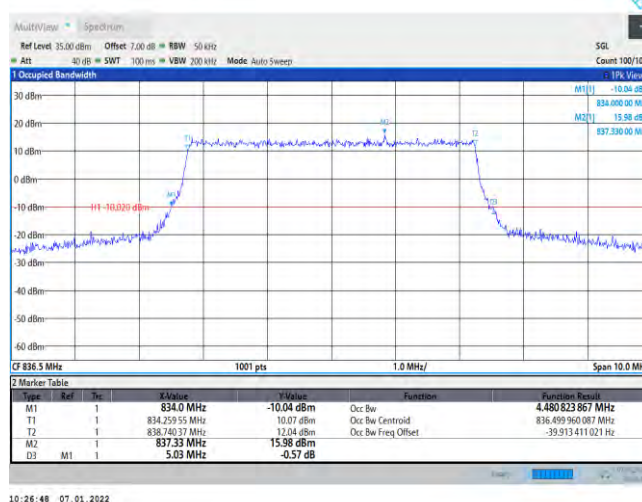
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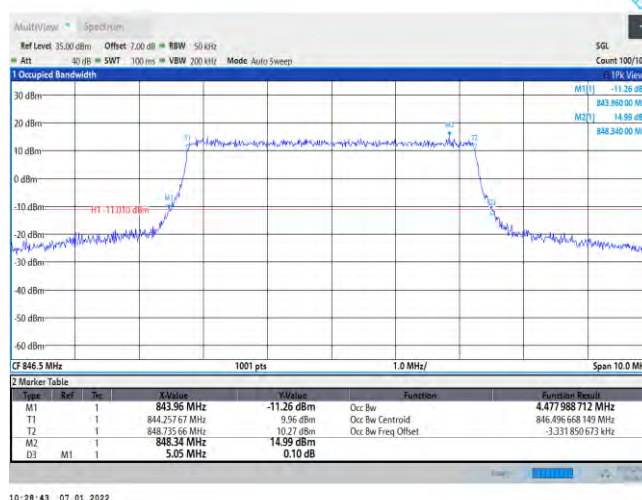
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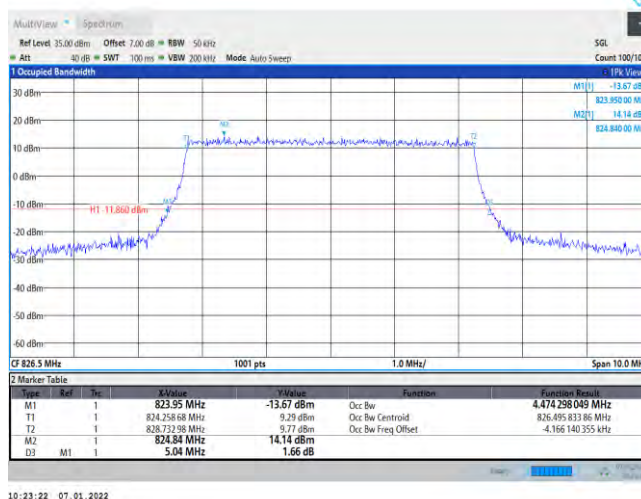
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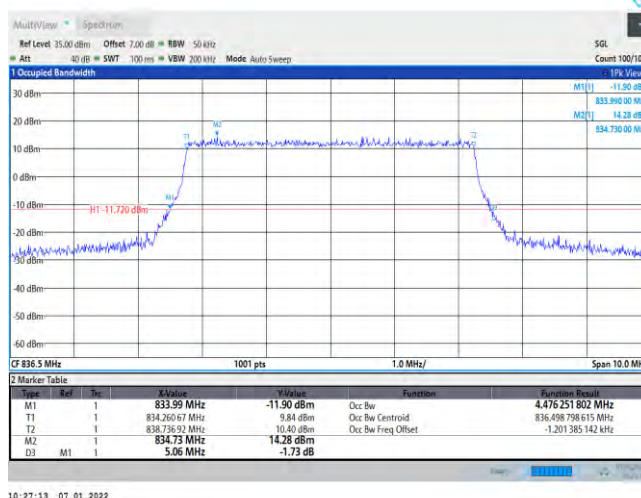
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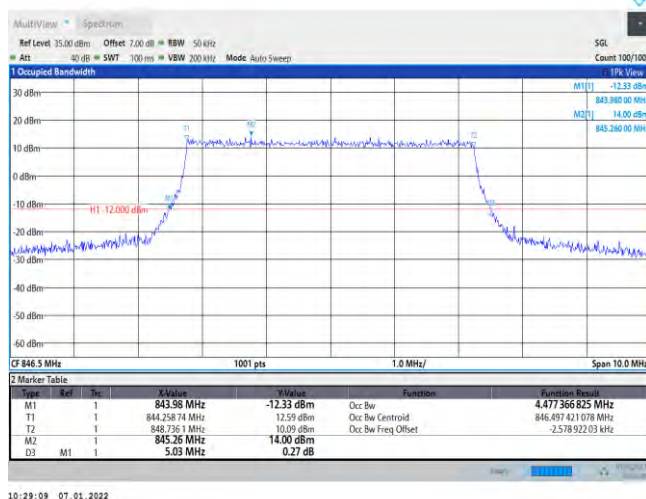
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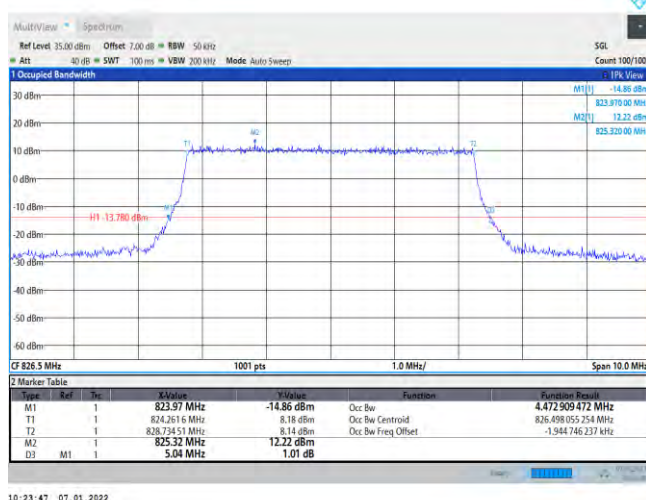
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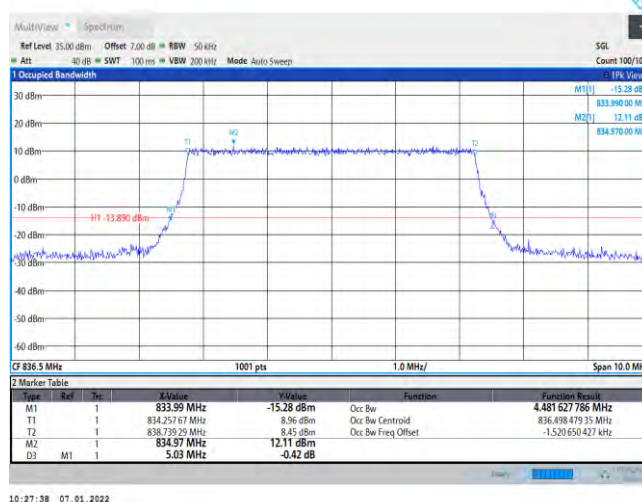
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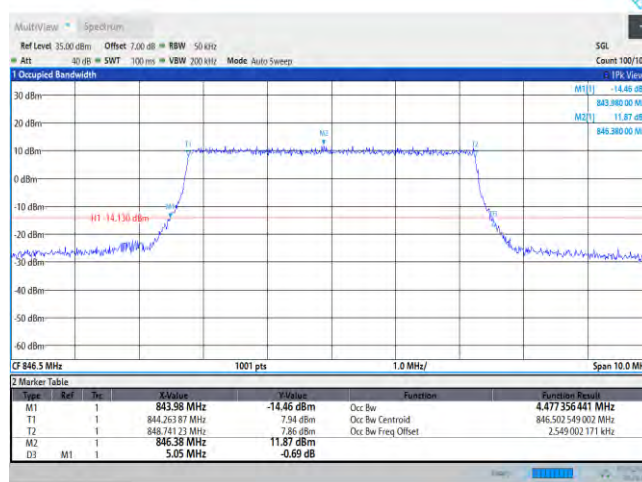
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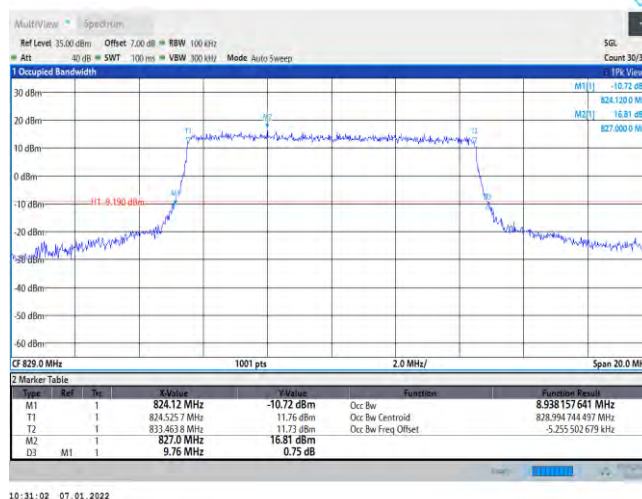
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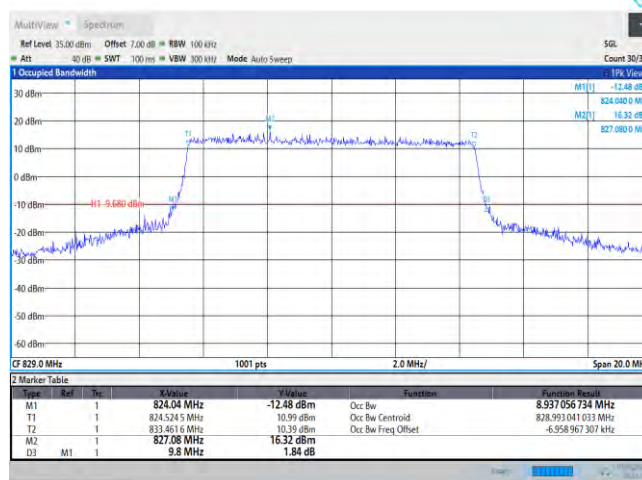
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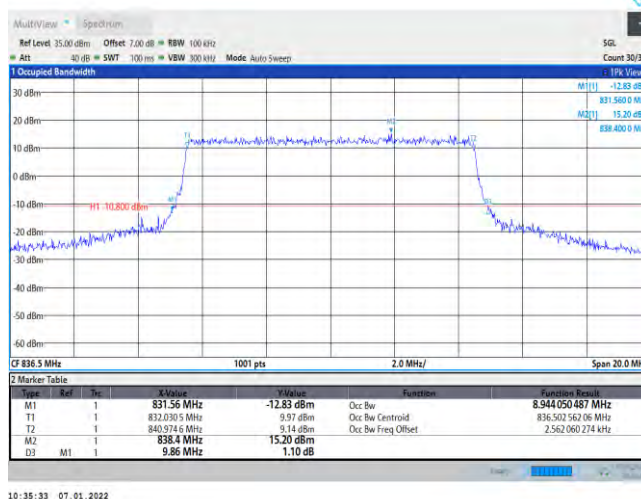
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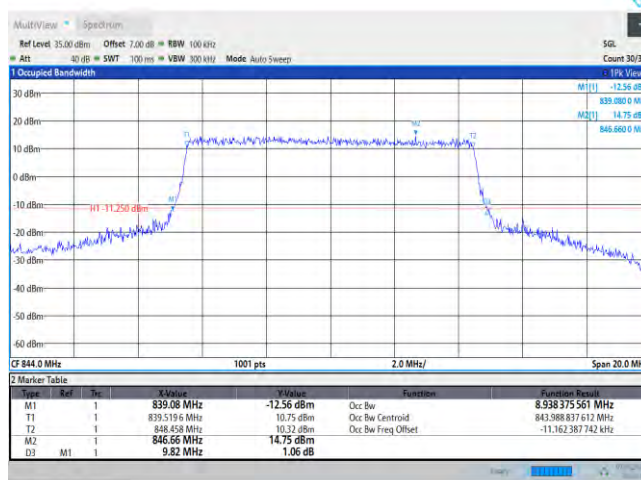
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Band5-10MHz-16QAM-20600-50RB#0



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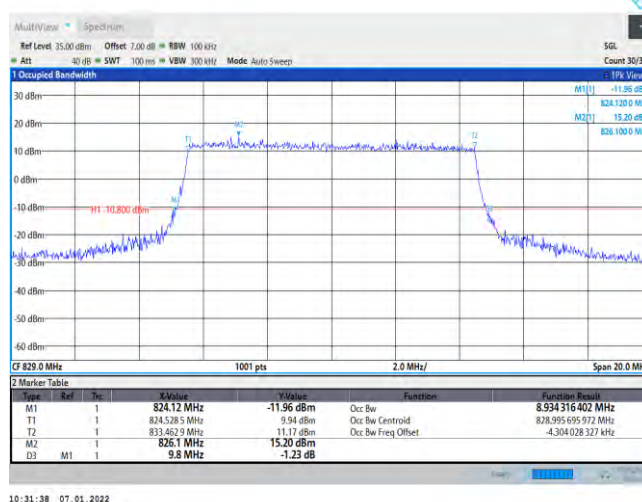
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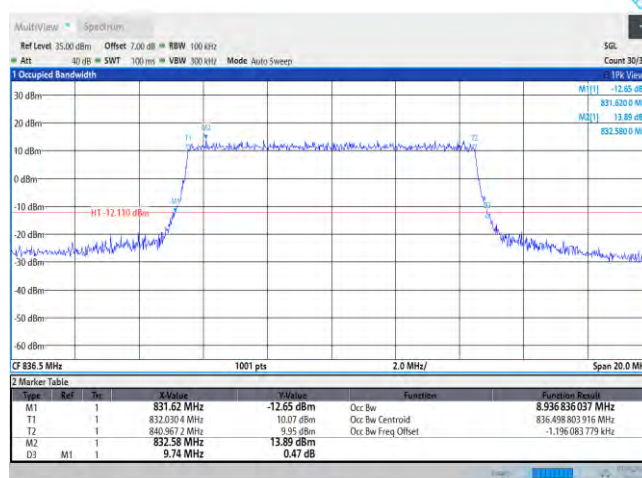
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10:31:38 07.01.2022

Band5-10MHz-64QAM-20525-50RB#0



10:35:51 07.01.2022



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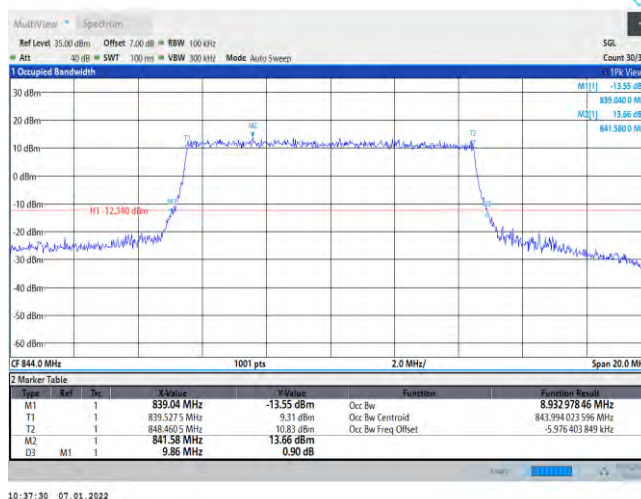
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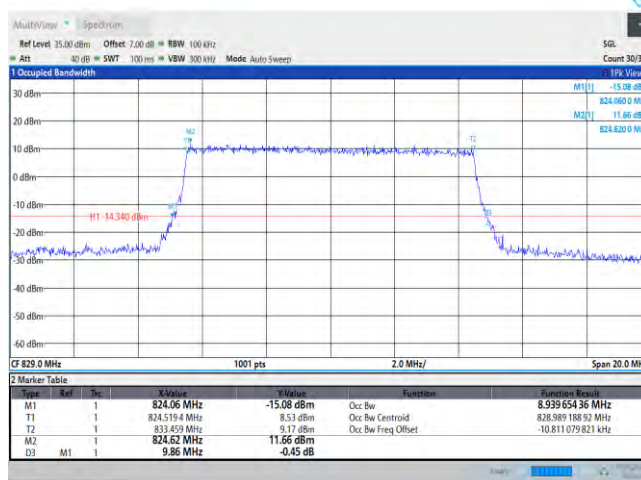
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Band5-10MHz-256QAM-20450-50RB#0



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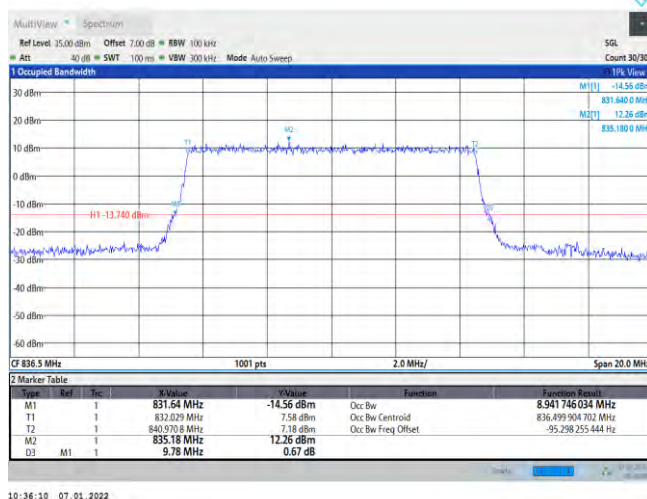
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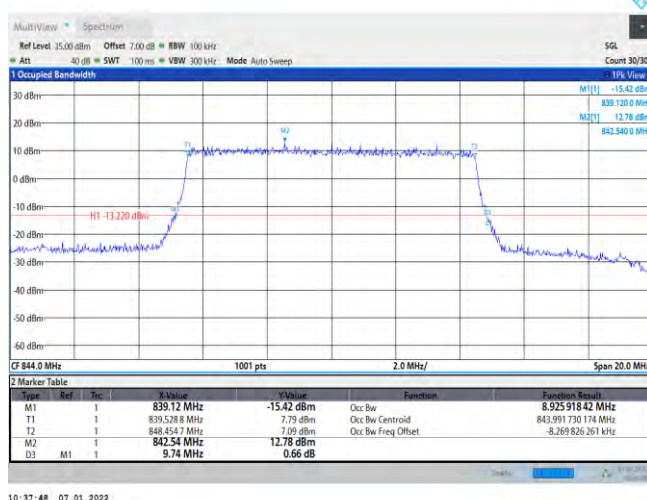
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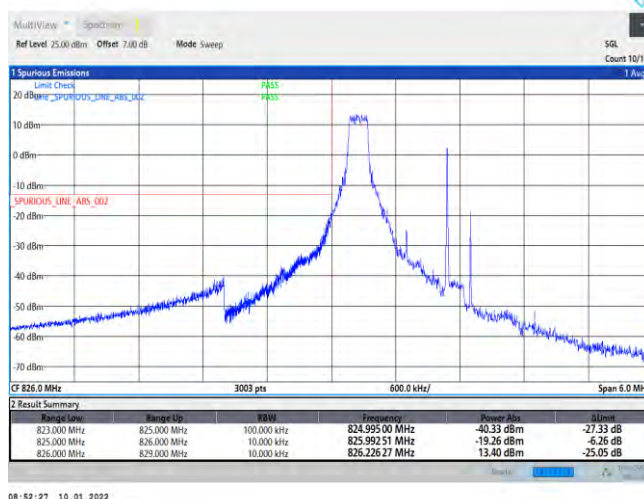
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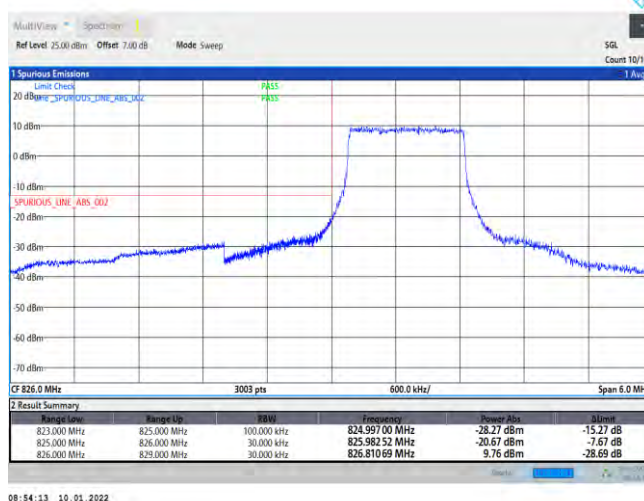
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Test Graphs

Band5-1.4MHz-QPSK-20427-1RB#0



Band5-1.4MHz-QPSK-20427-6RB#0



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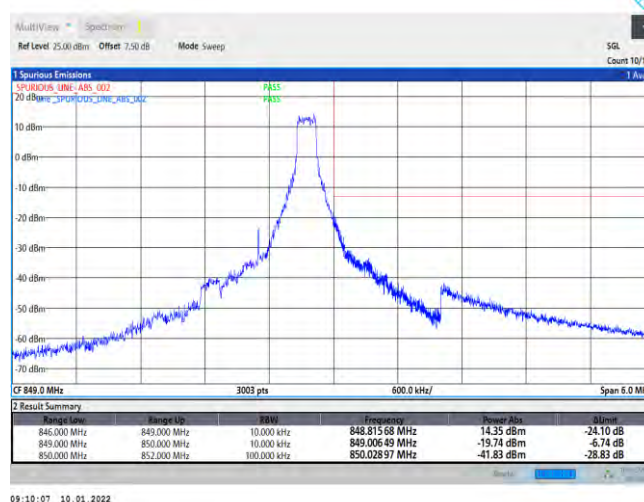
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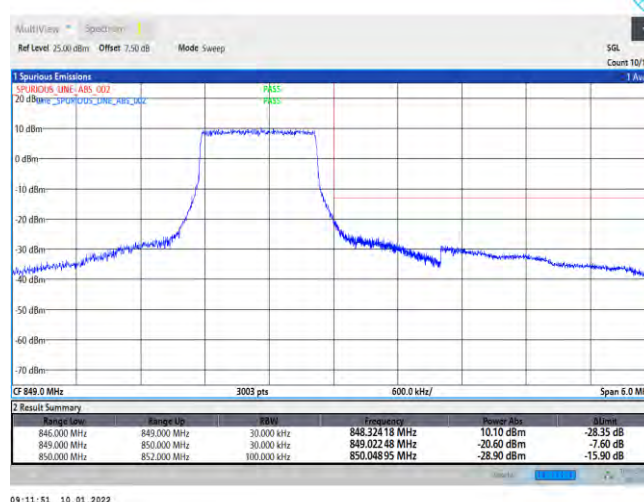
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Band5-1.4MHz-QPSK-20643-1RB#5



Band5-1.4MHz-QPSK-20643-6RB#0



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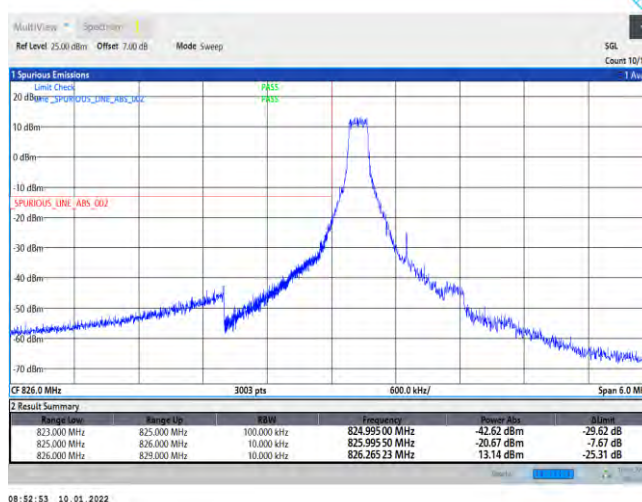
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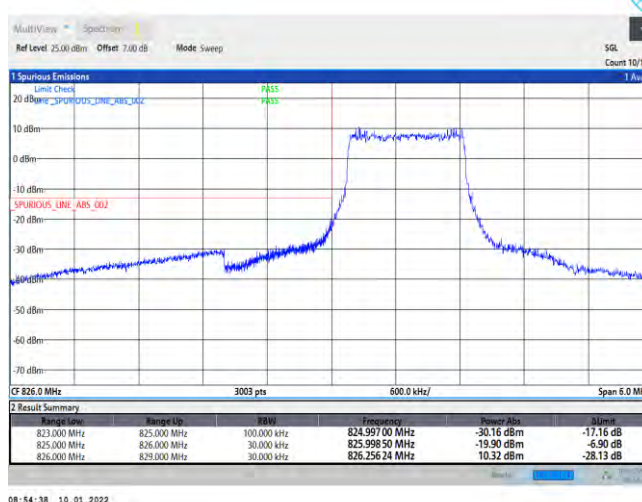
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Band5-1.4MHz-16QAM-20427-1RB#0



Band5-1.4MHz-16QAM-20427-6RB#0



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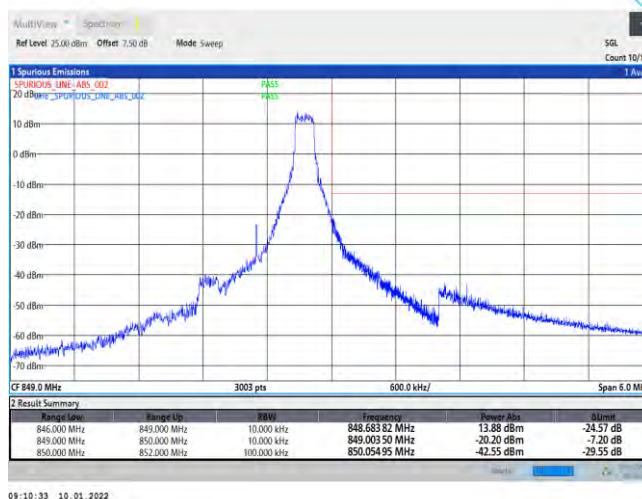
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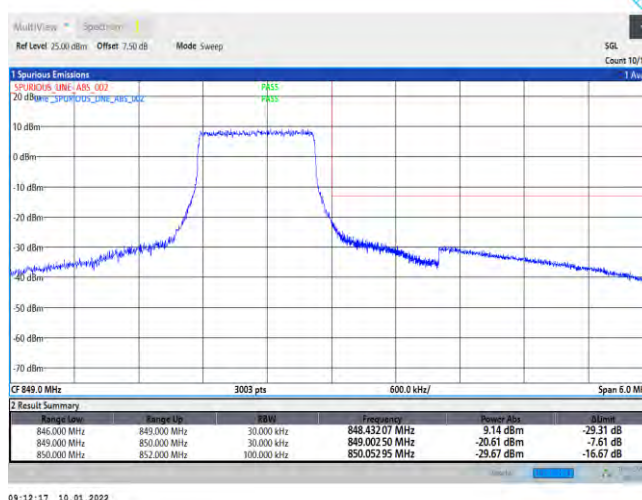
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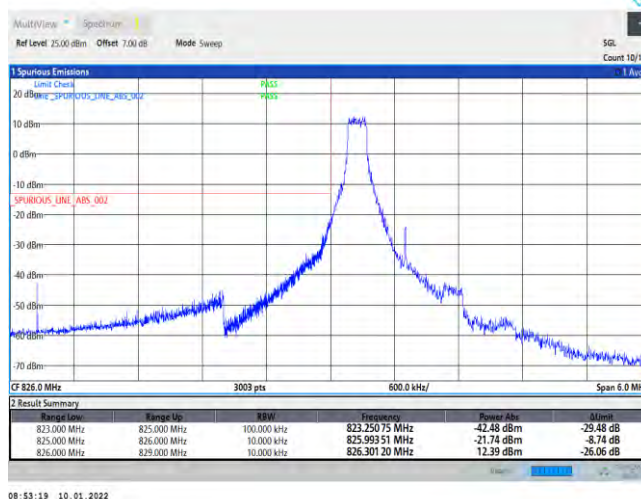
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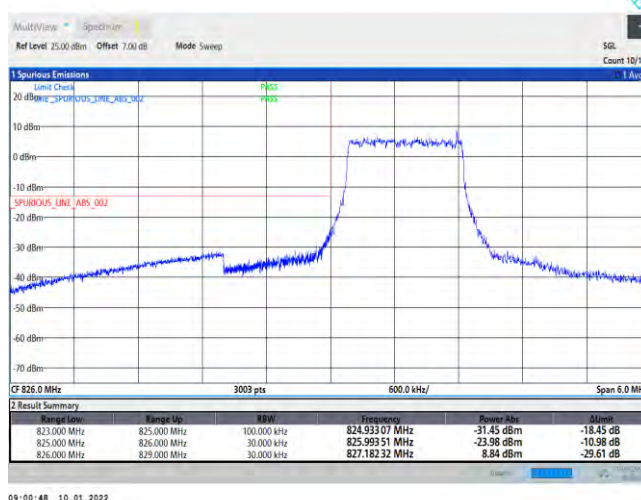
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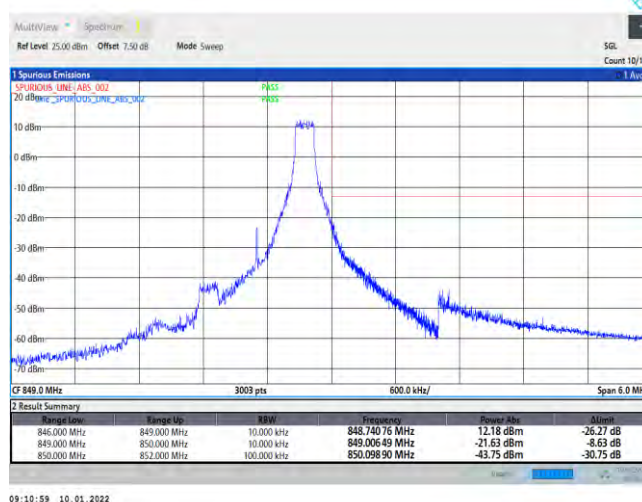
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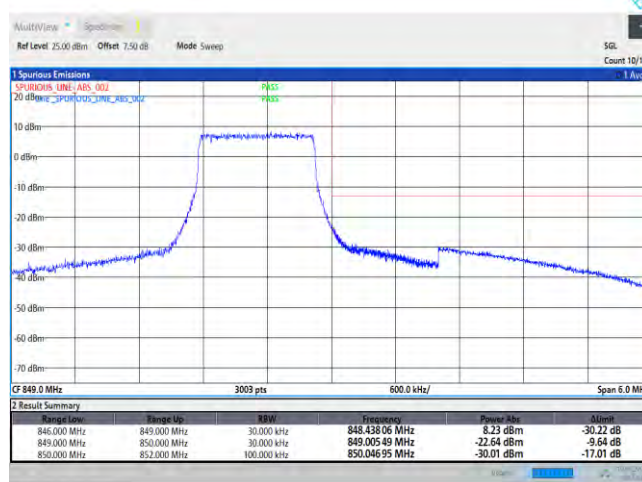
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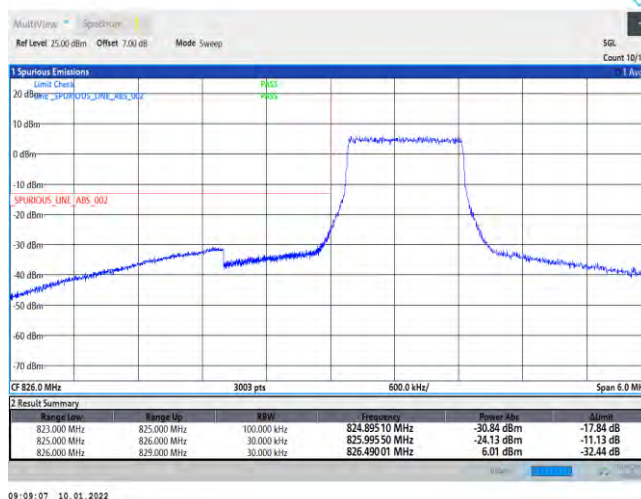
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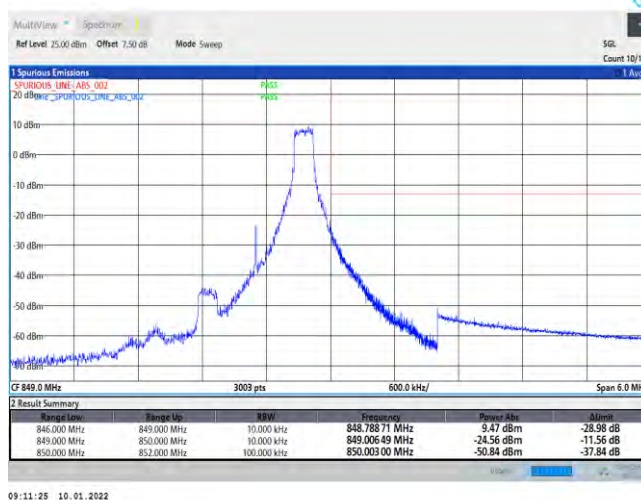
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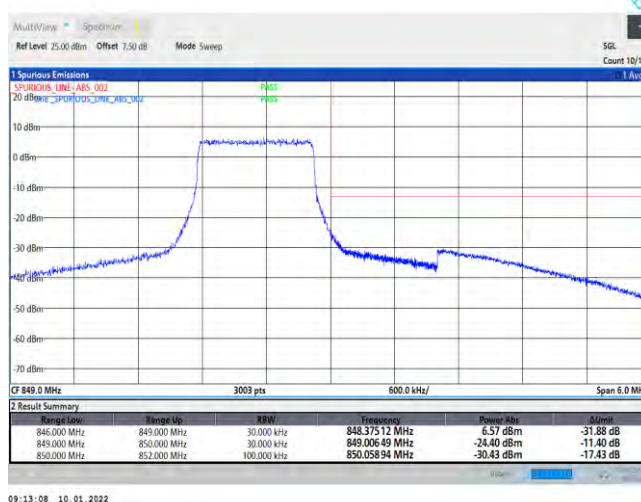
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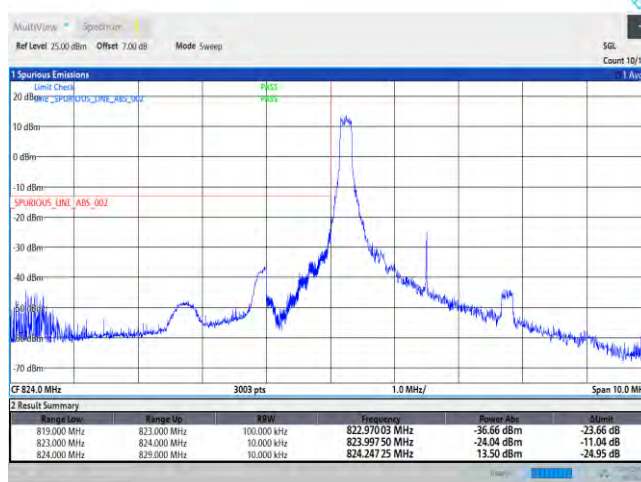
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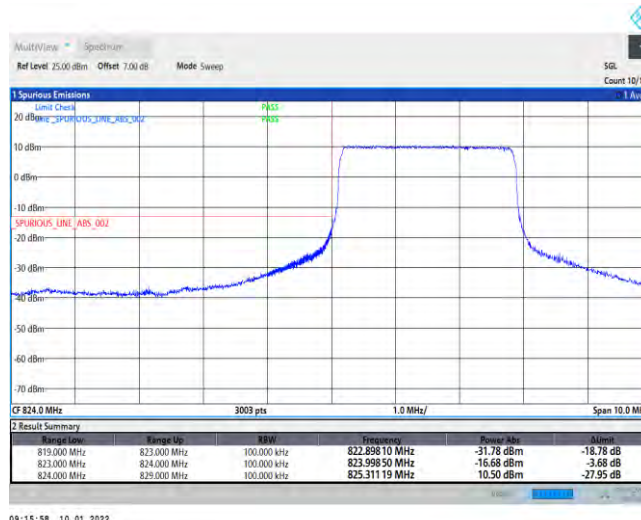
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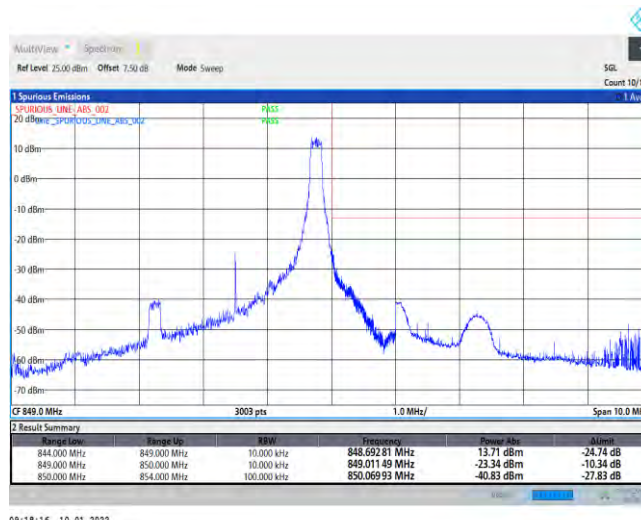
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Band5-3MHz-QPSK-20635-1RB#14



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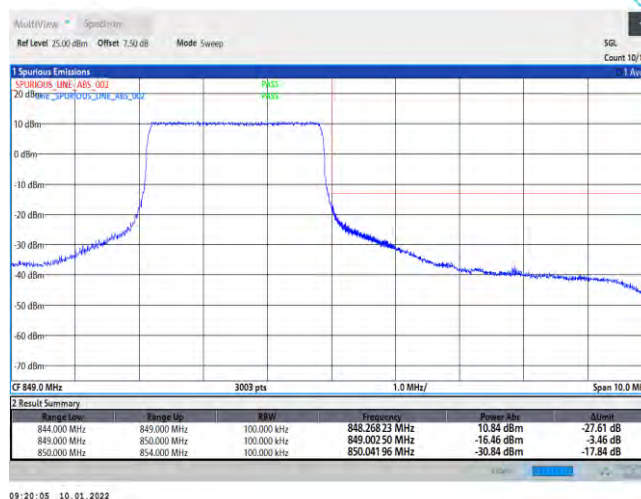
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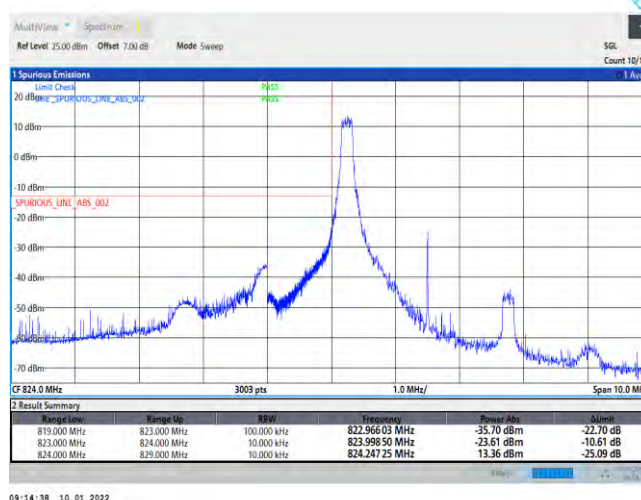
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Band5-3MHz-16QAM-20415-1RB#0



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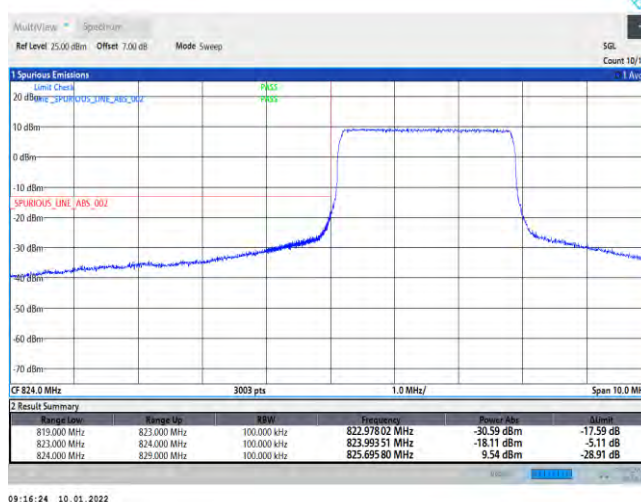
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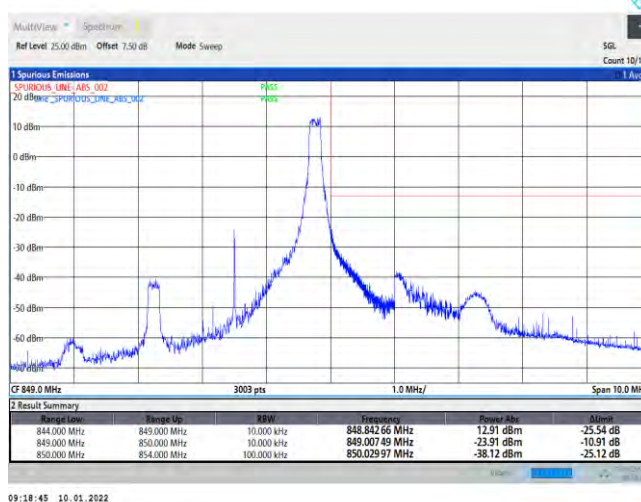
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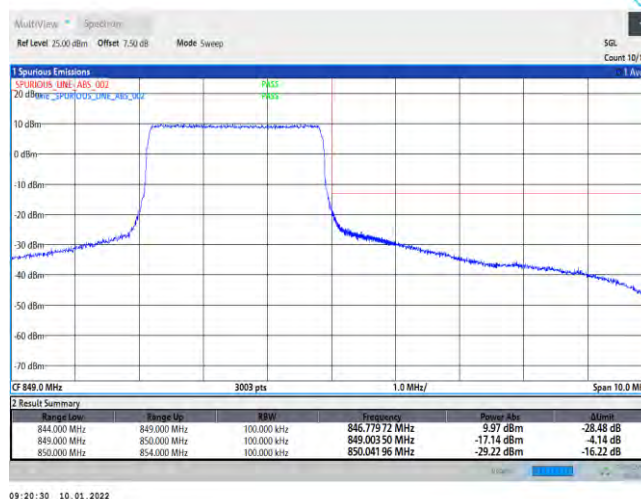
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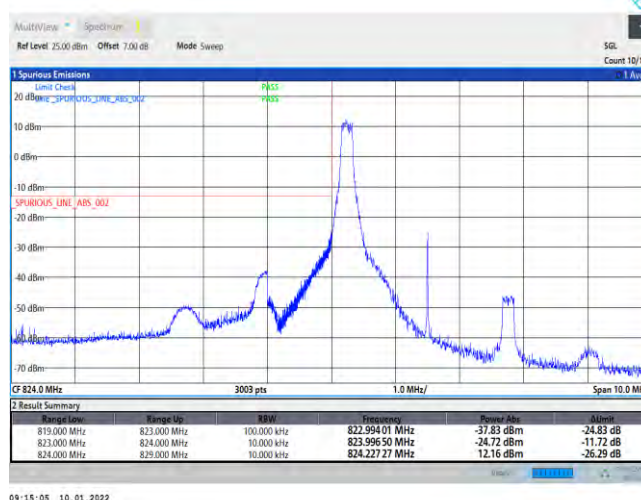
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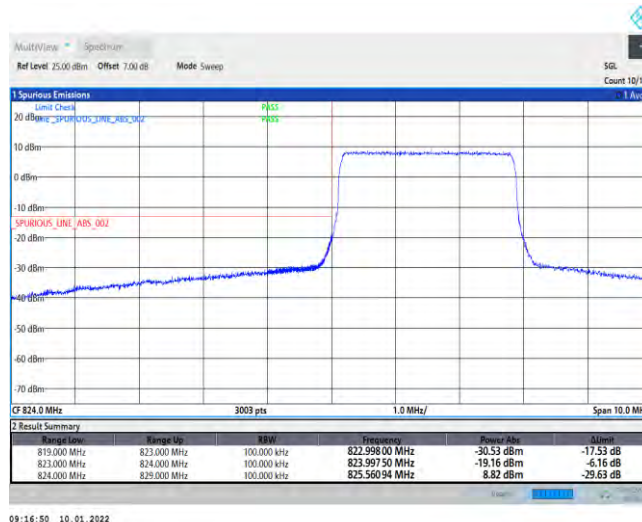
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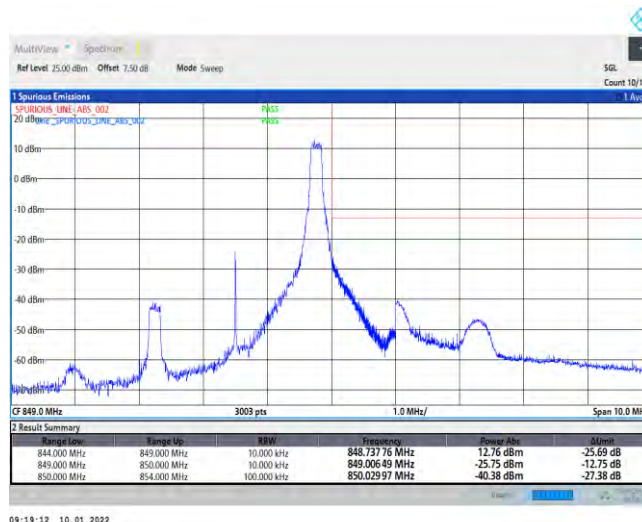
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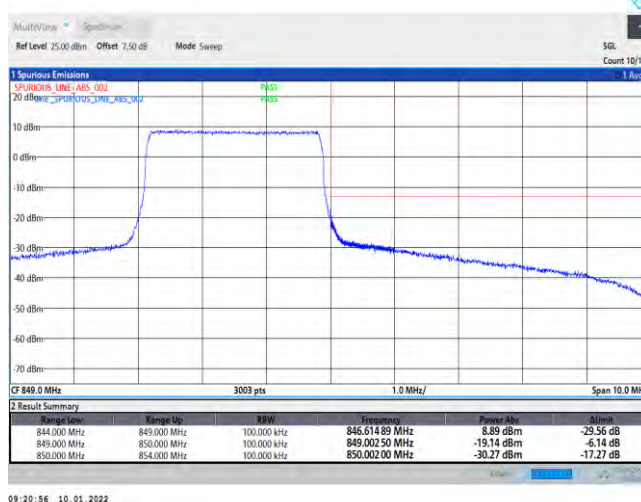
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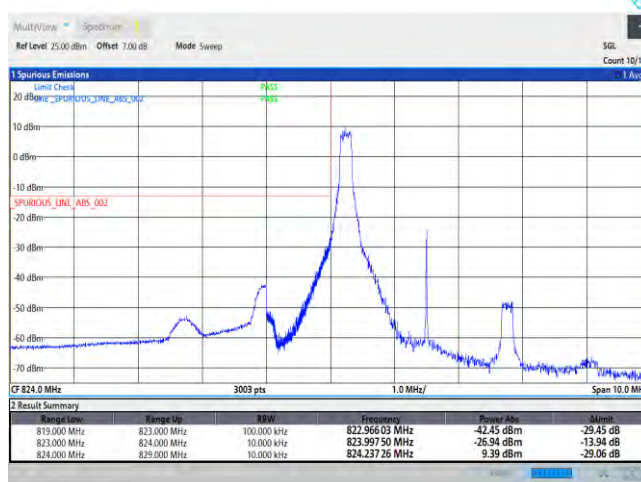
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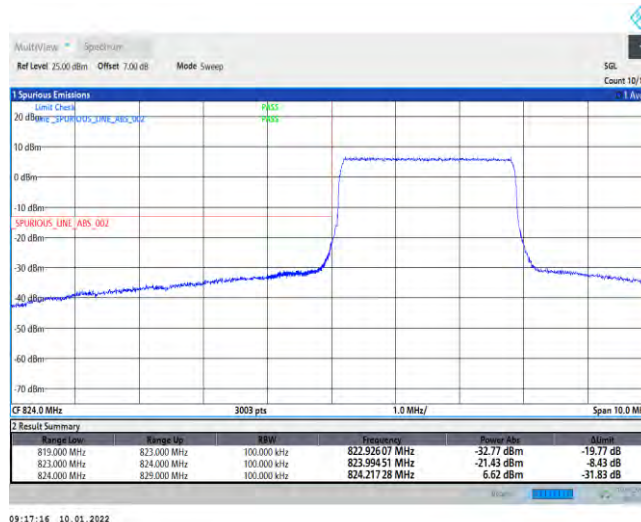
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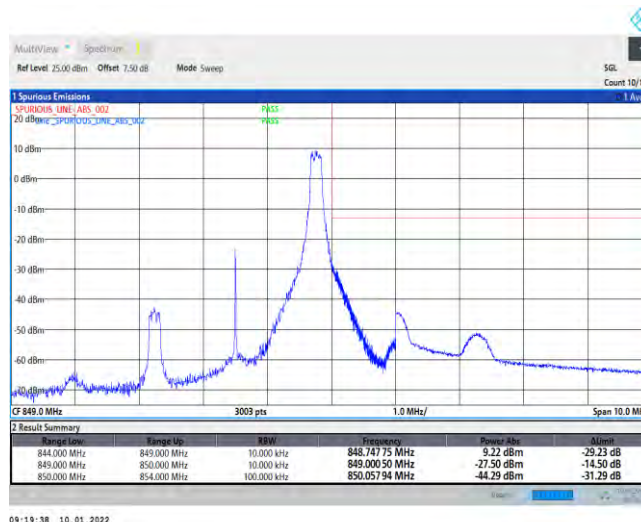
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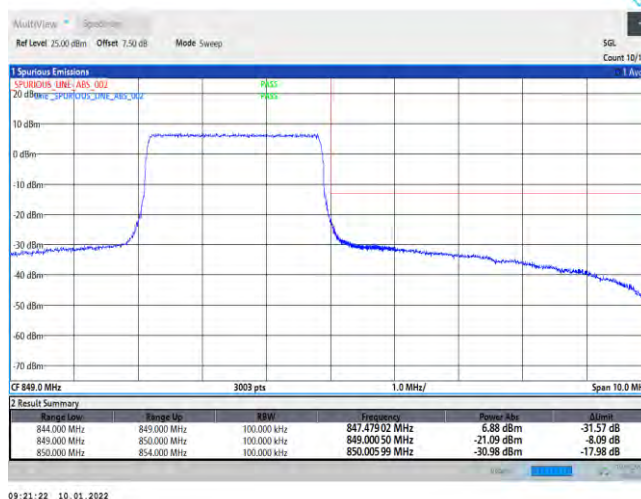
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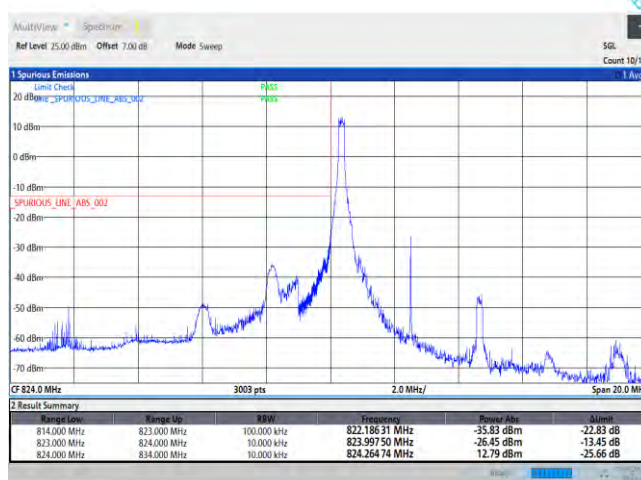
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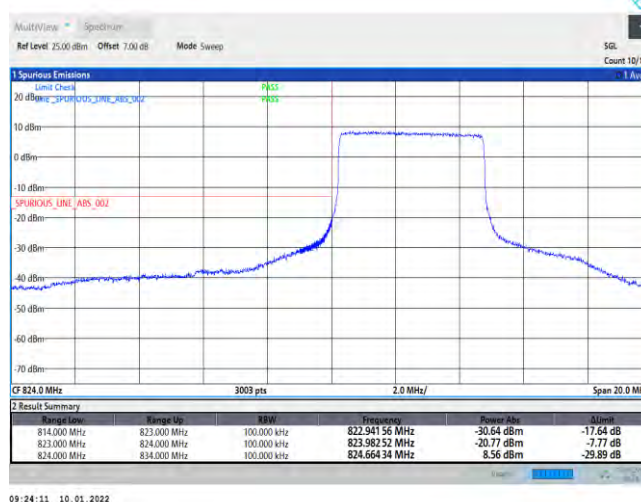
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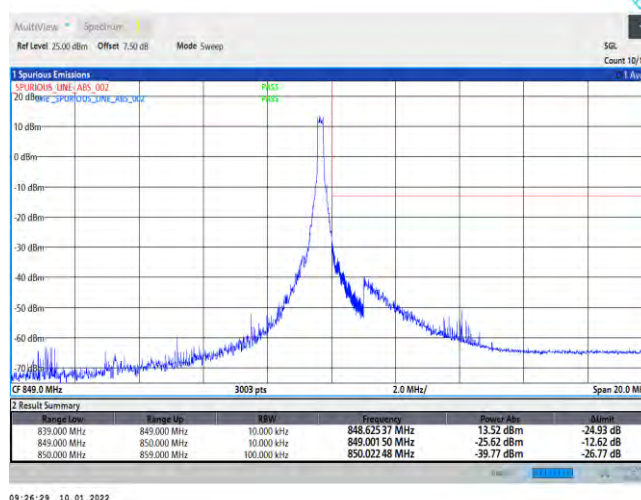
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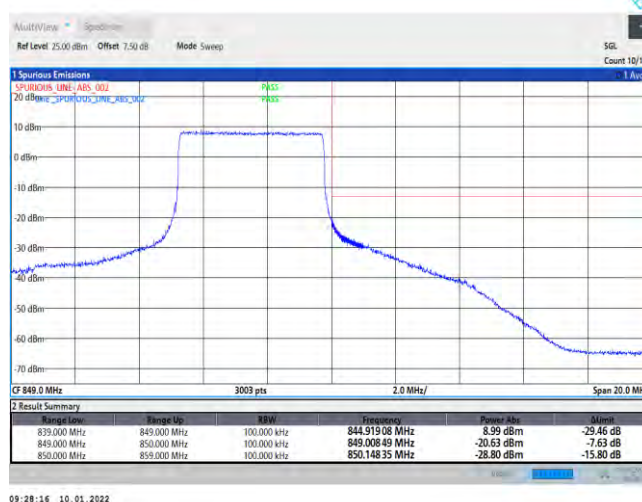
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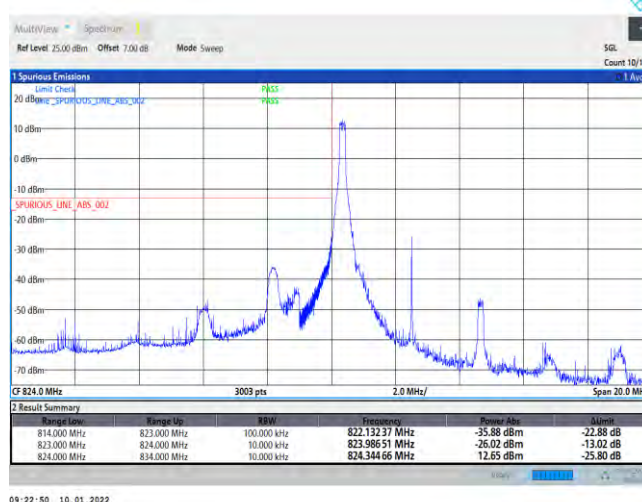
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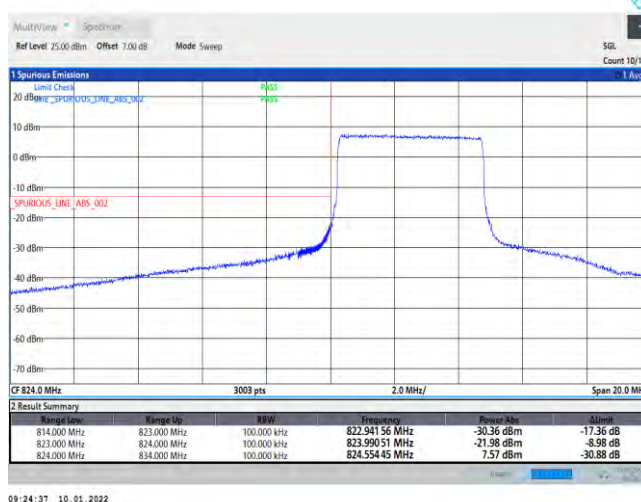
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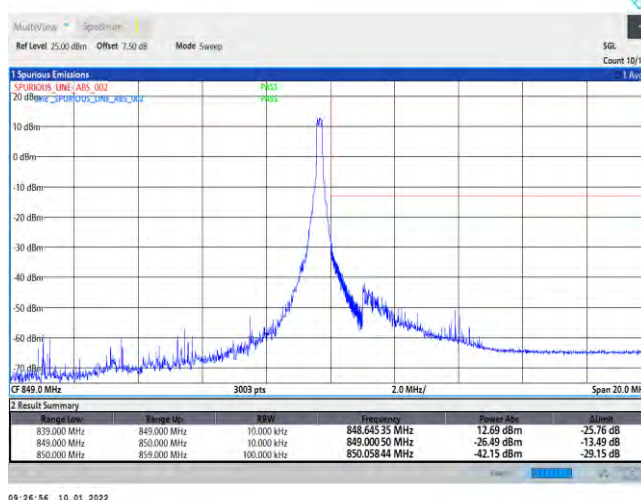
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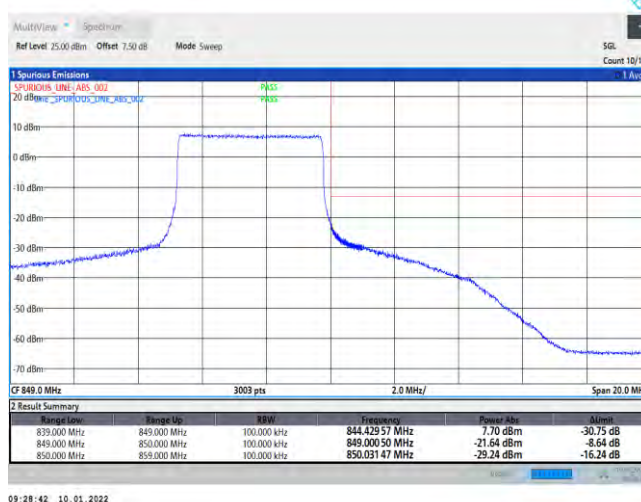
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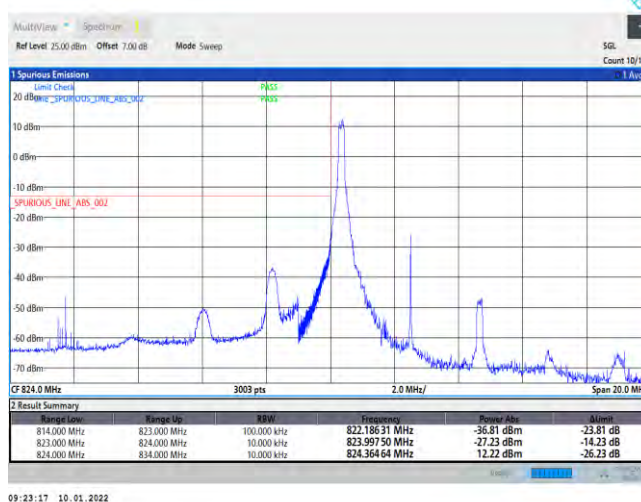
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Band5-5MHz-16QAM-20625-25RB#0



Band5-5MHz-64QAM-20425-1RB#0



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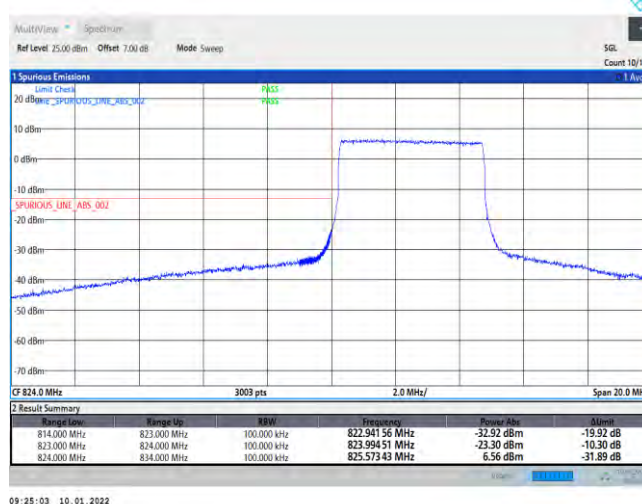
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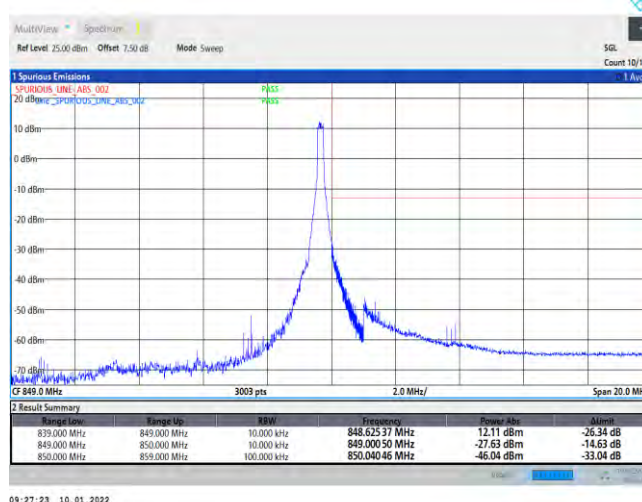
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Band5-5MHz-64QAM-20425-25RB#0



Band5-5MHz-64QAM-20625-1RB#24



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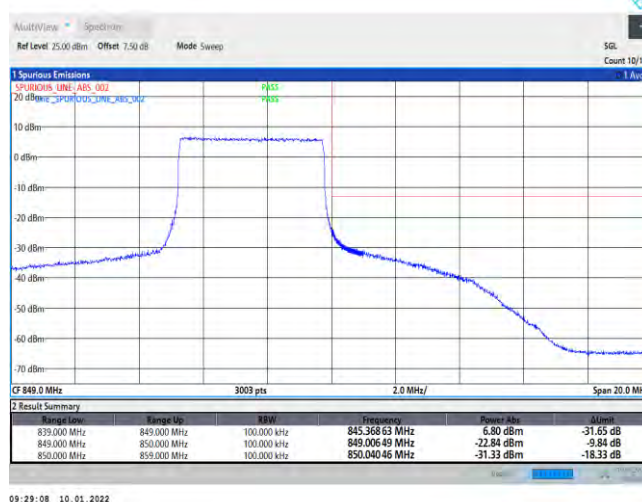
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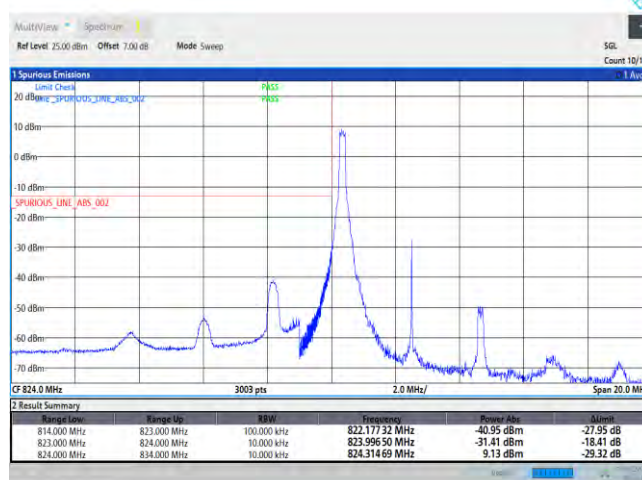
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09:29:08 10.01.2022

Band5-5MHz-256QAM-20425-1RB#0



09:23:44 10.01.2022



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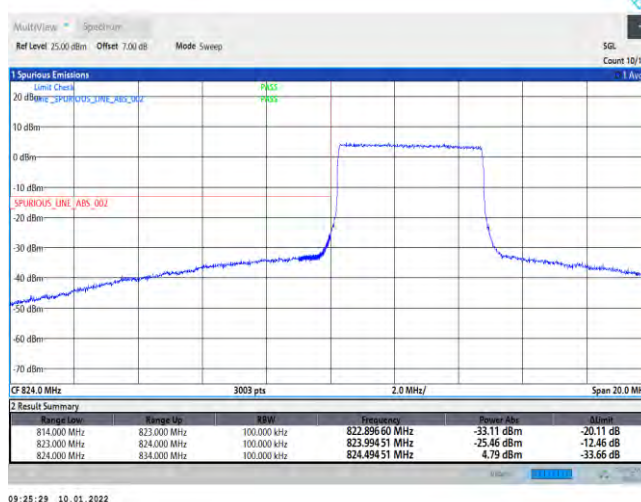
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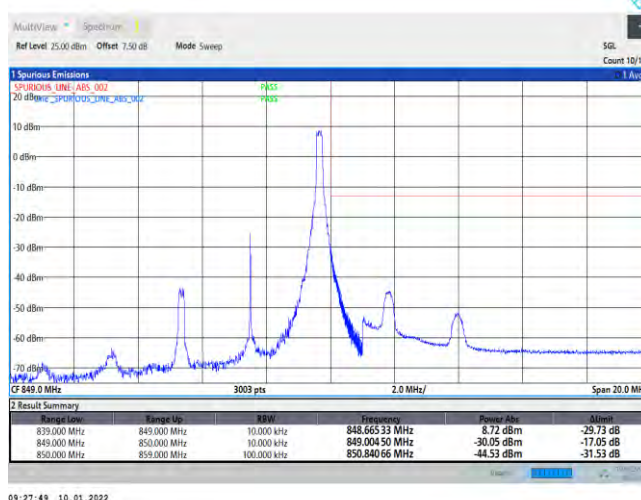
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Band5-5MHz-256QAM-20625-1RB#24



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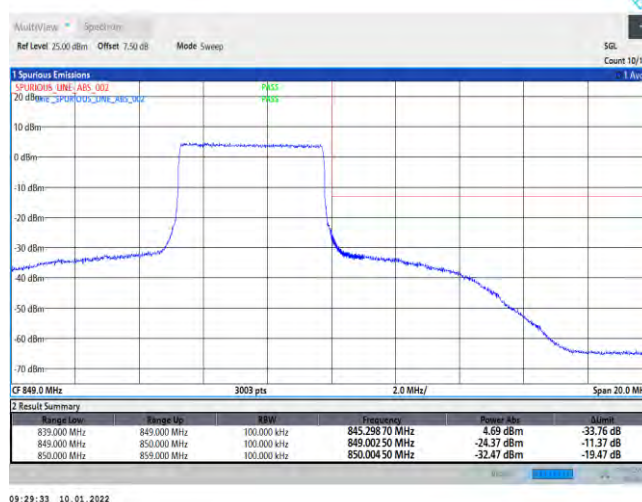
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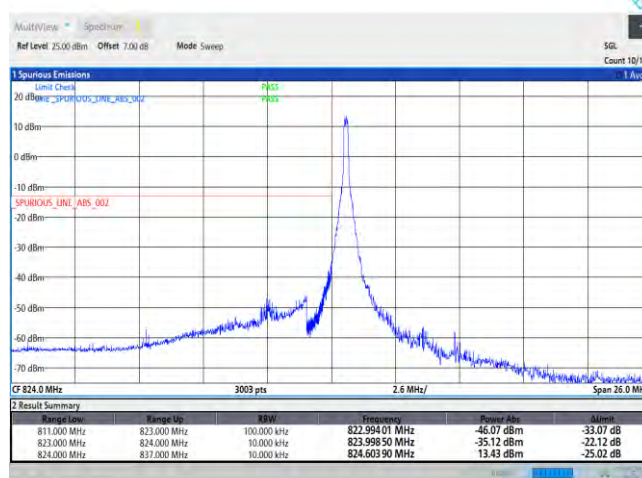
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09:29:33 10.01.2022

Band5-10MHz-QPSK-20450-1RB#0



09:30:34 10.01.2022



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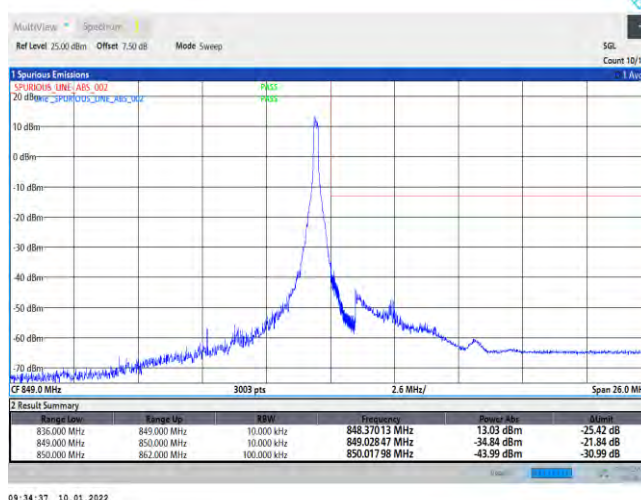
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Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#49



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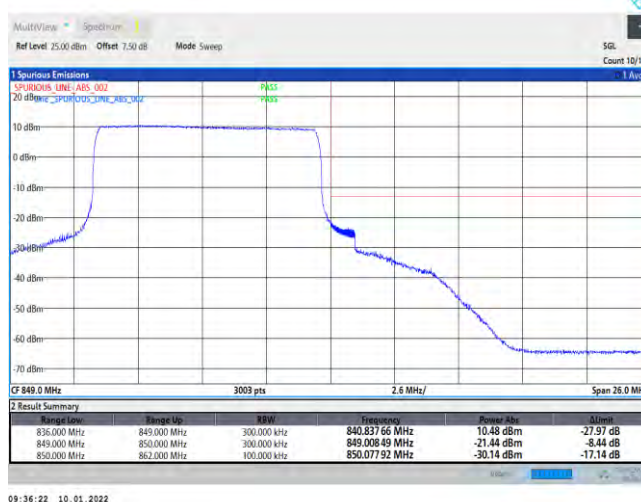
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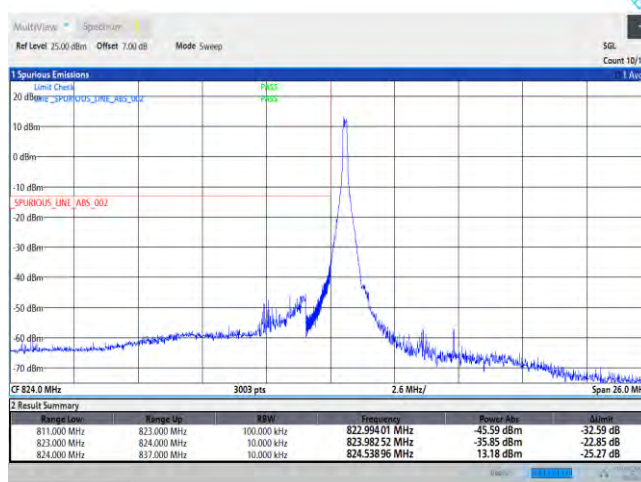
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Band5-10MHz-QPSK-20600-50RB#0



09:36:22 10.01.2022

Band5-10MHz-16QAM-20450-1RB#0



09:31:00 10.01.2022



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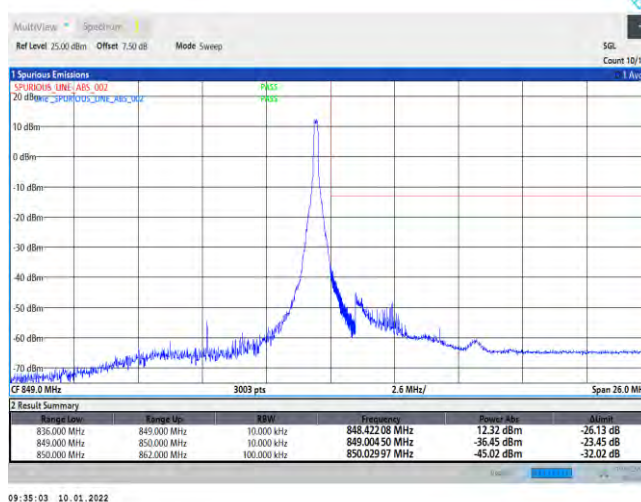
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Band5-10MHz-16QAM-20600-1RB#49



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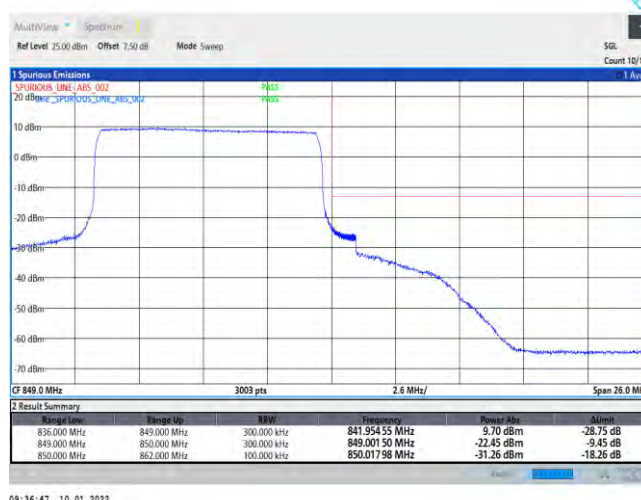
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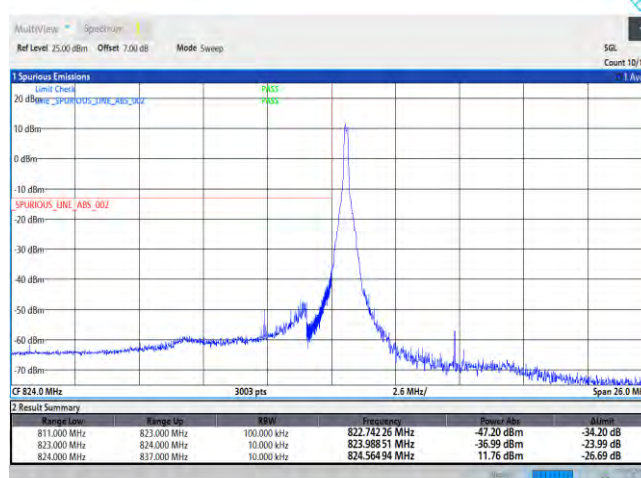
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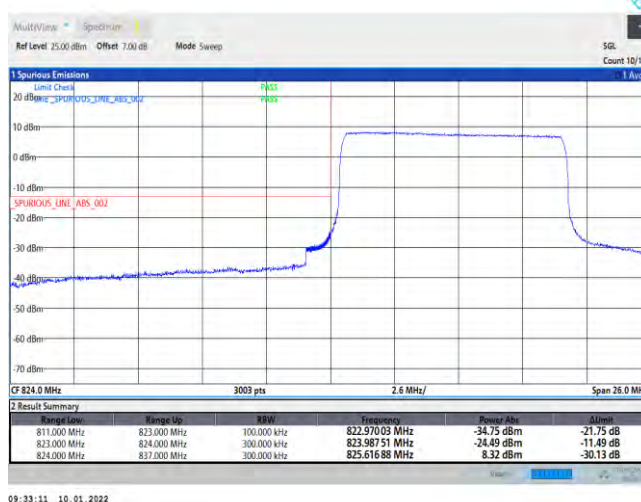
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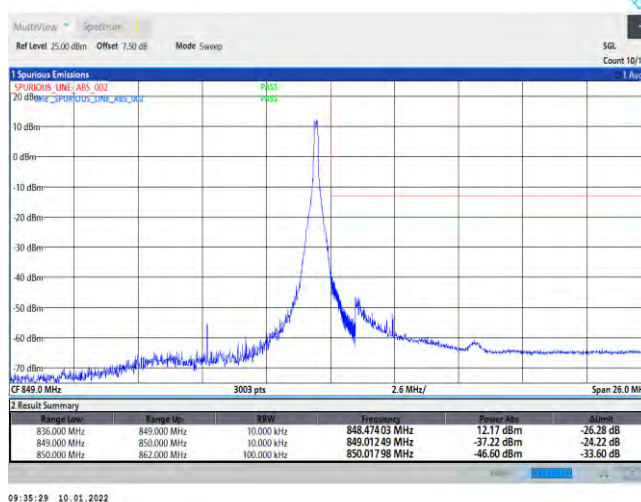
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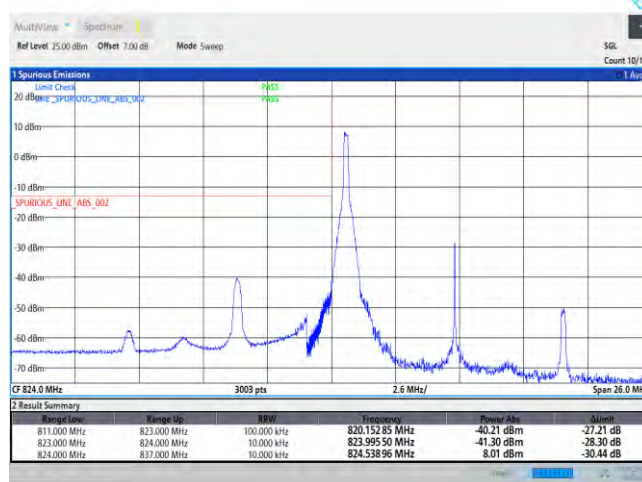
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Band5-10MHz-256QAM-20450-1RB#0



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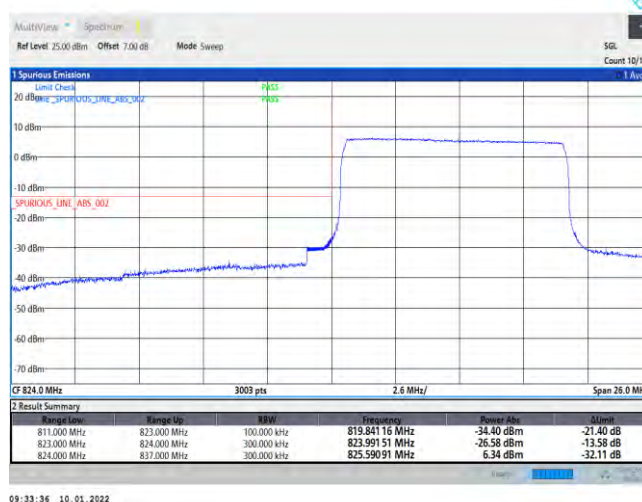
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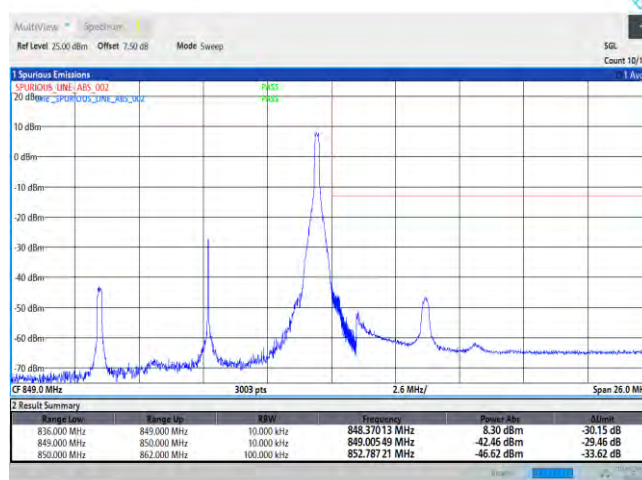
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Band5-10MHz-256QAM-20600-1RB#49



09:35:56 10.01.2022



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Band5-10MHz-256QAM-20600-50RB#0



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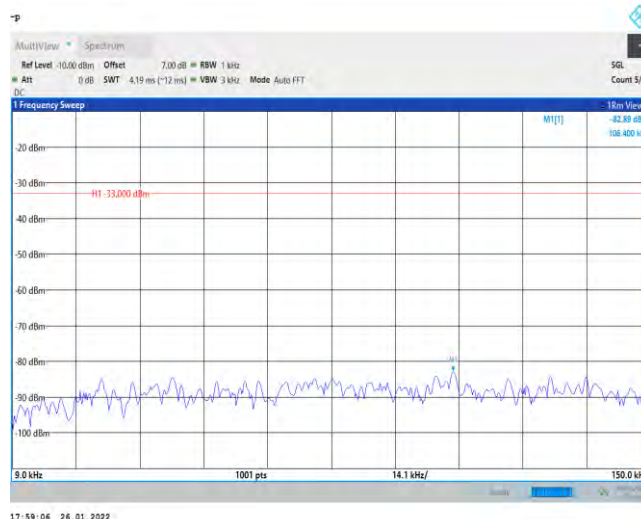
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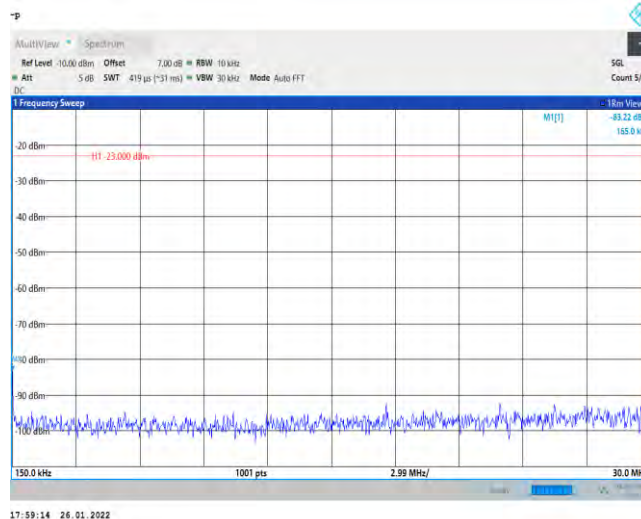
Conducted Spurious Emission

Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



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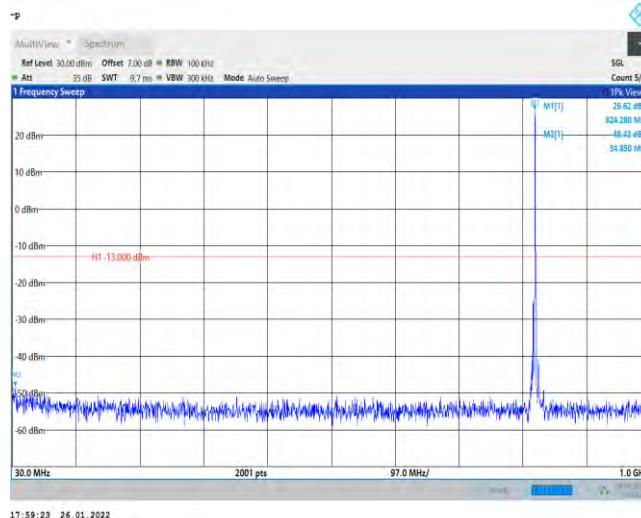
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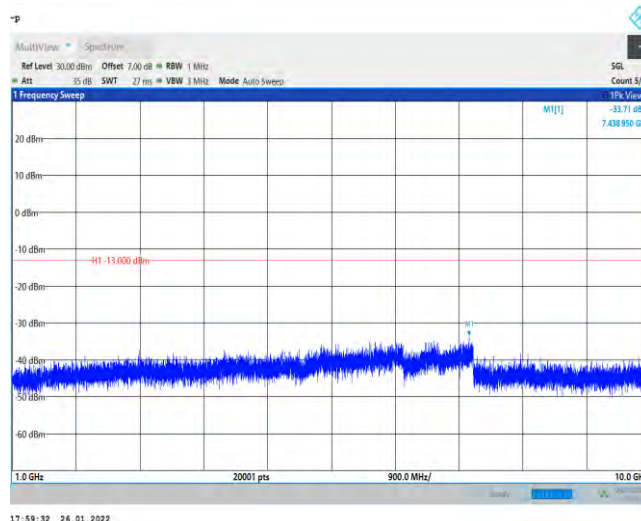
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Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



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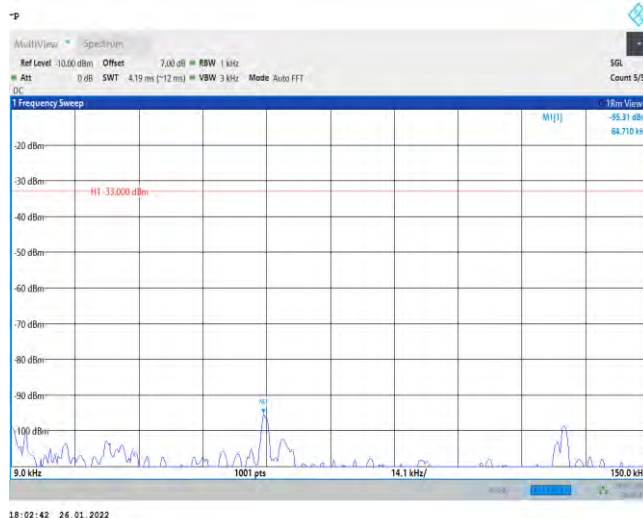
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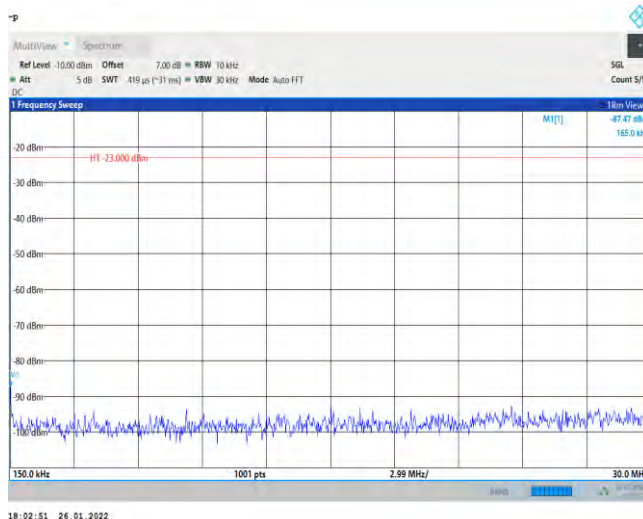
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Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



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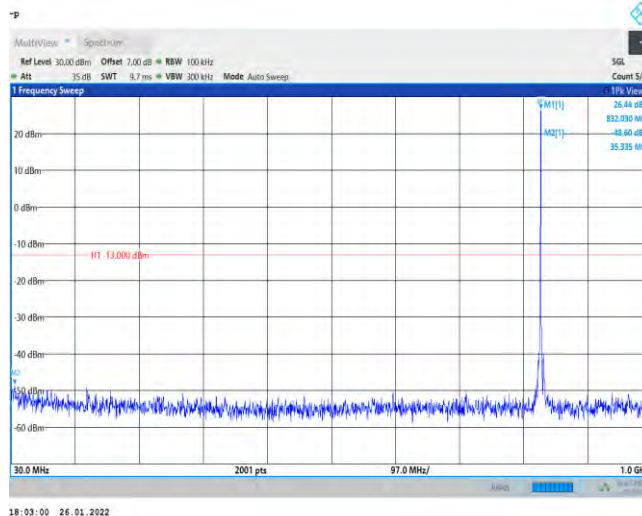
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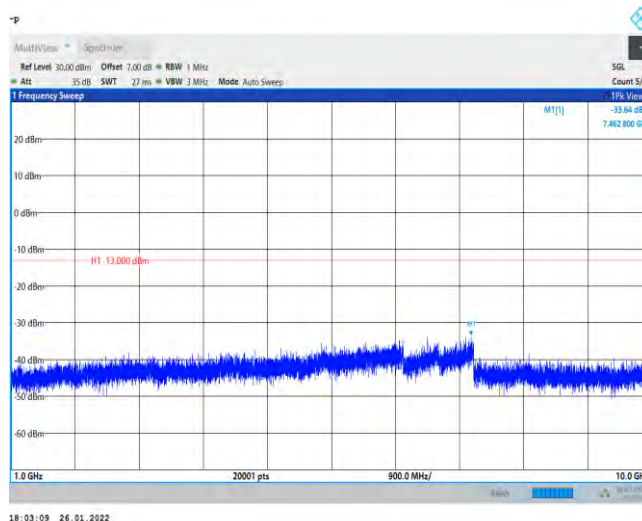
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Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



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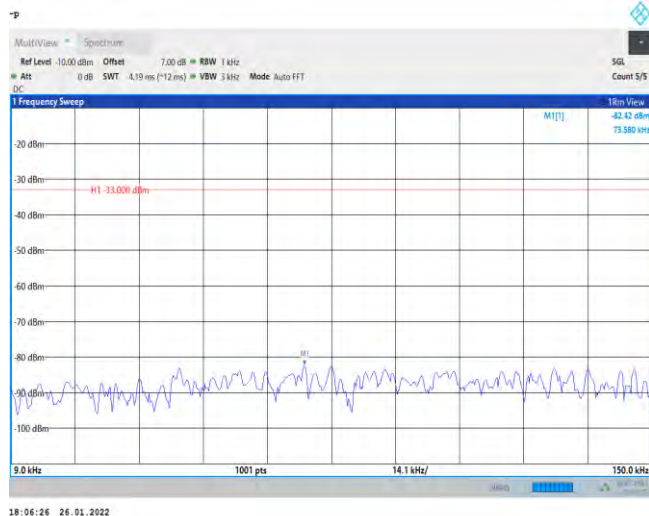
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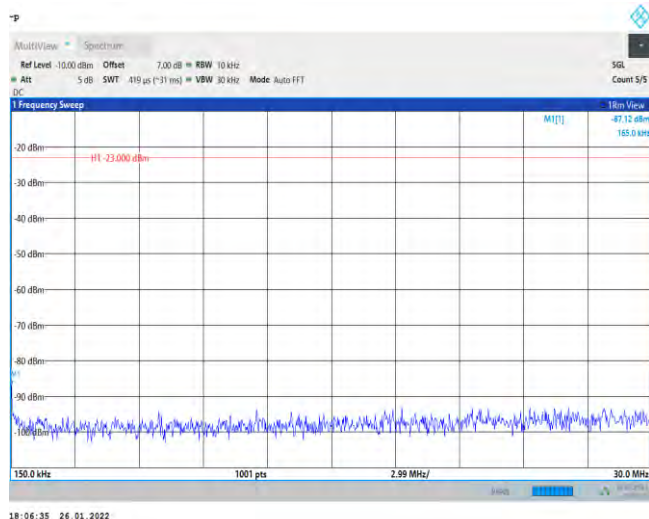
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Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



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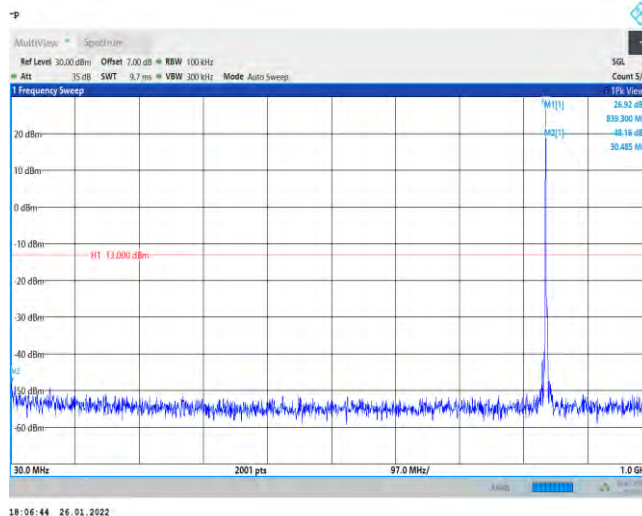
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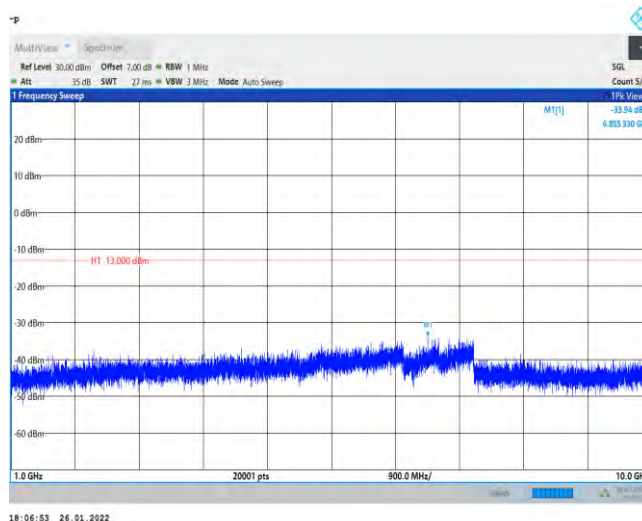
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Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range1:0.009~0.15MHz



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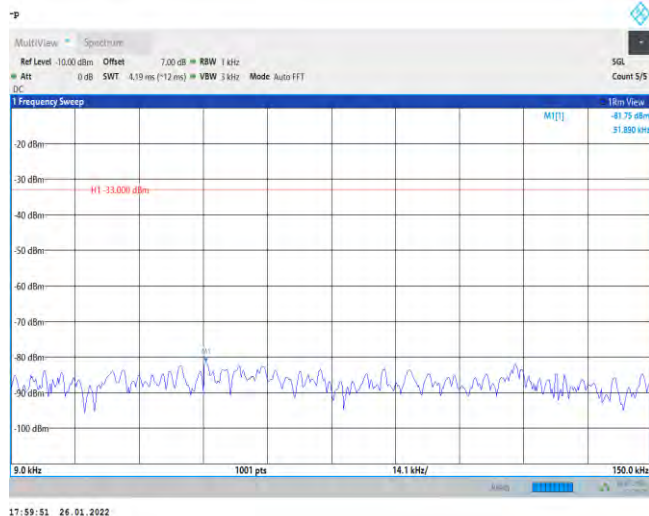
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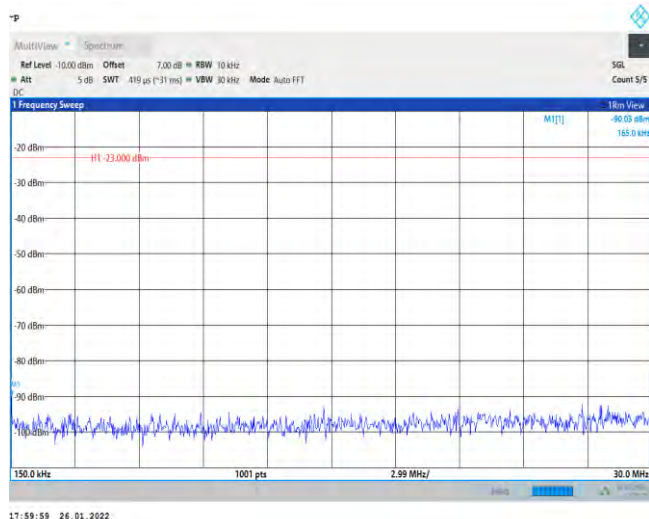
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Band5-10MHz-16QAM-20450-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20450-1RB#0-Range3:30~1000MHz



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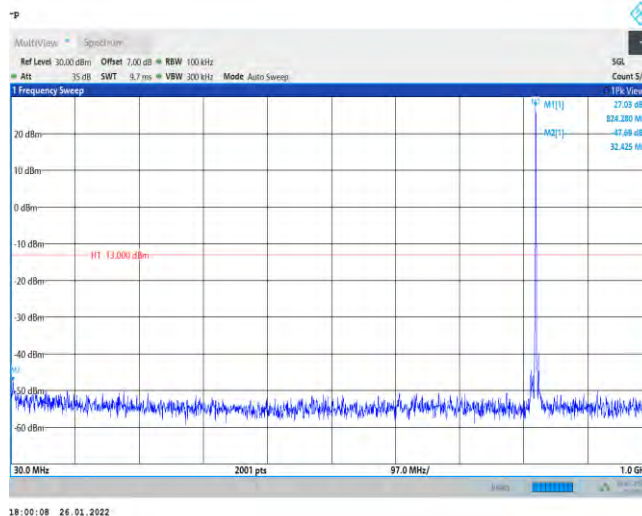
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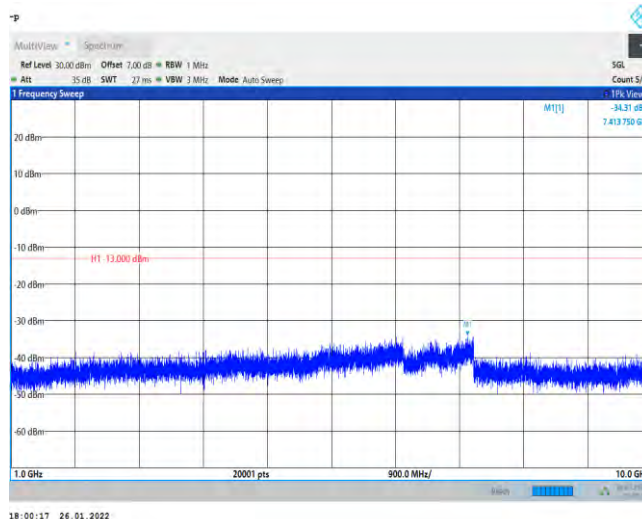
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Band5-10MHz-16QAM-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



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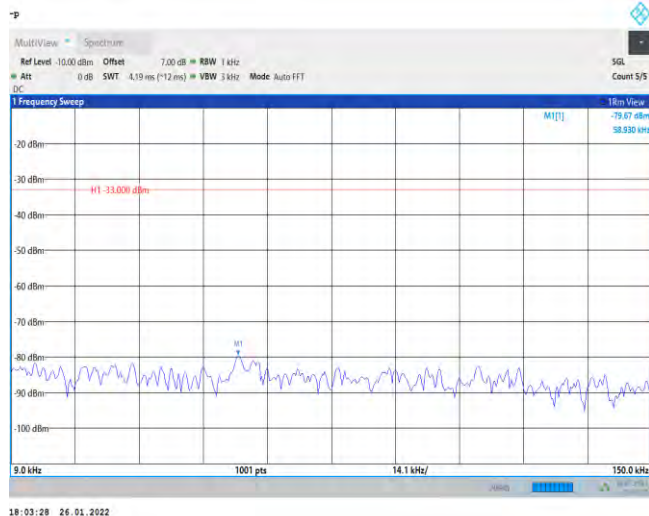
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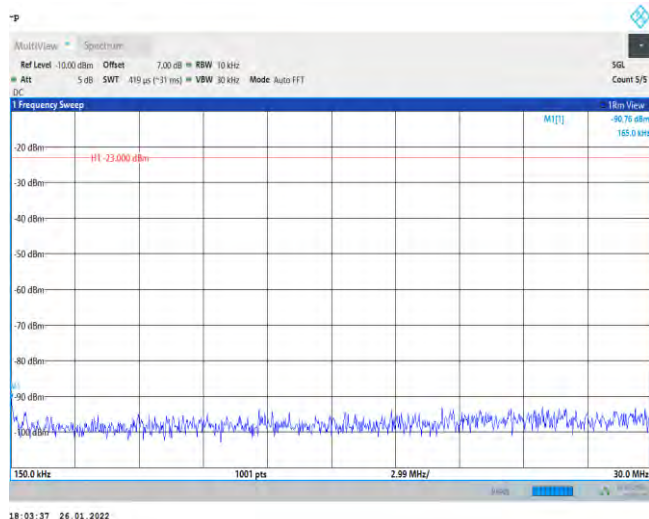
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Band5-10MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



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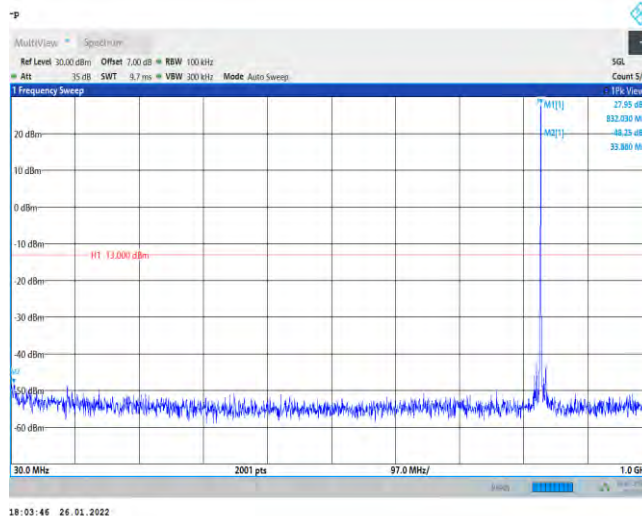
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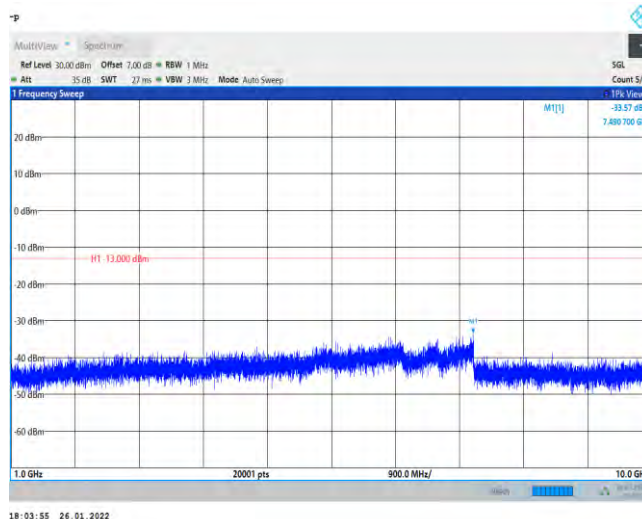
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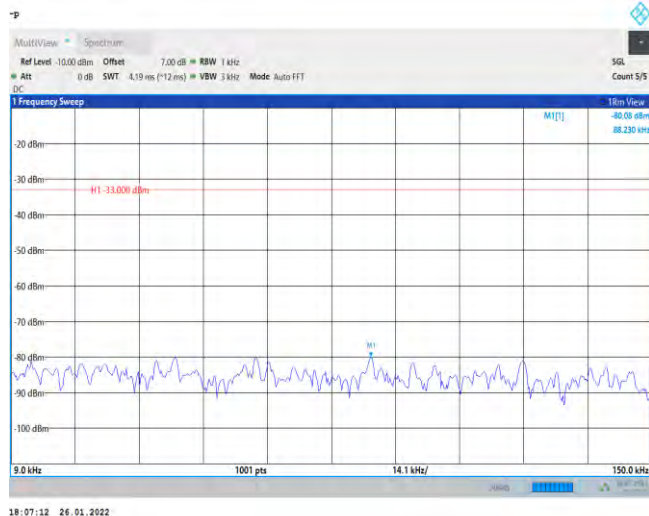
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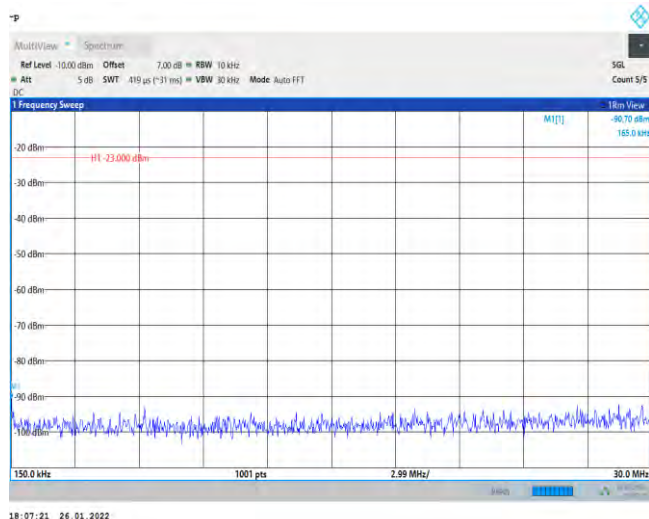
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Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



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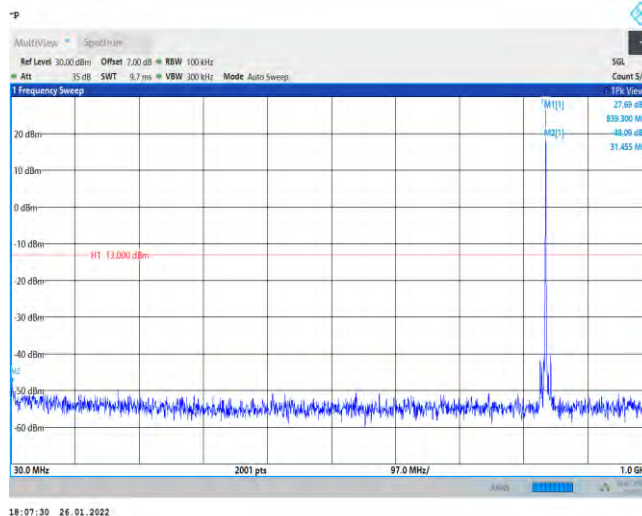
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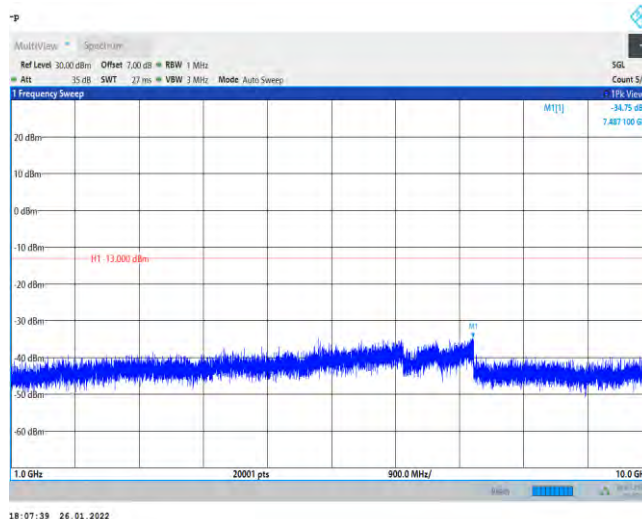
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Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz



Band5-10MHz-64QAM-20450-1RB#0-Range1:0.009~0.15MHz



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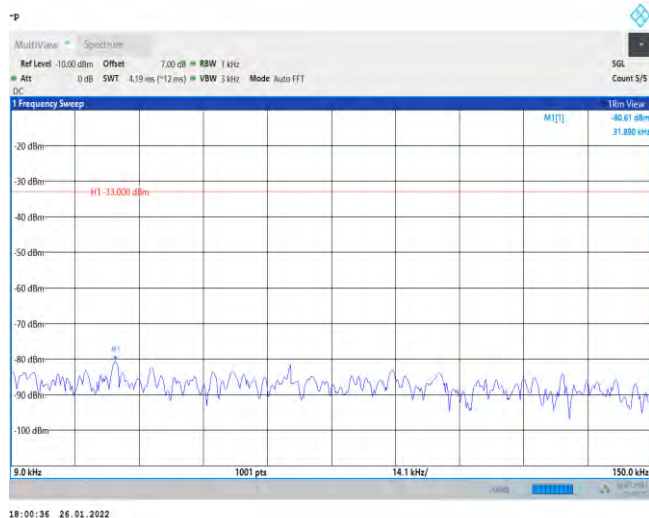
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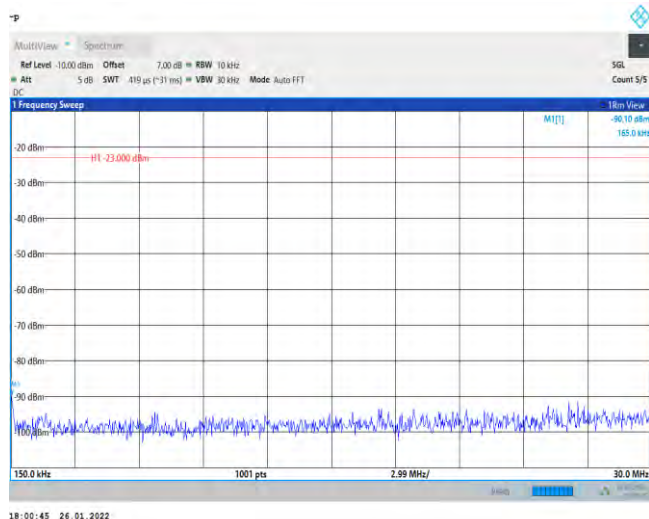
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Band5-10MHz-64QAM-20450-1RB#0-Range2:0.15~30MHz



Band5-10MHz-64QAM-20450-1RB#0-Range3:30~1000MHz



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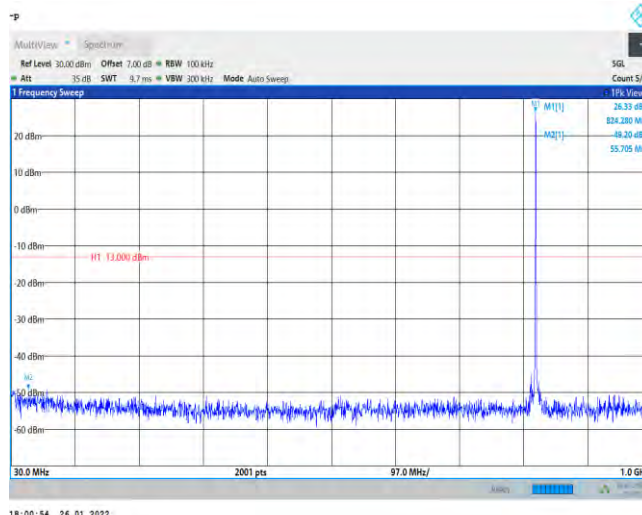
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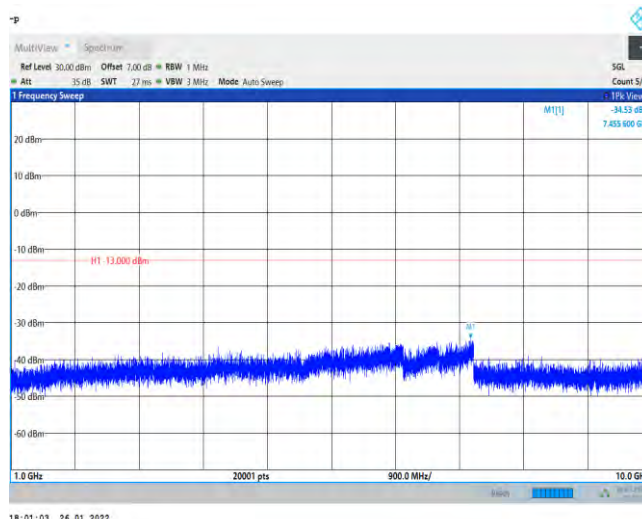
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Band5-10MHz-64QAM-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-64QAM-20525-1RB#0-Range1:0.009~0.15MHz



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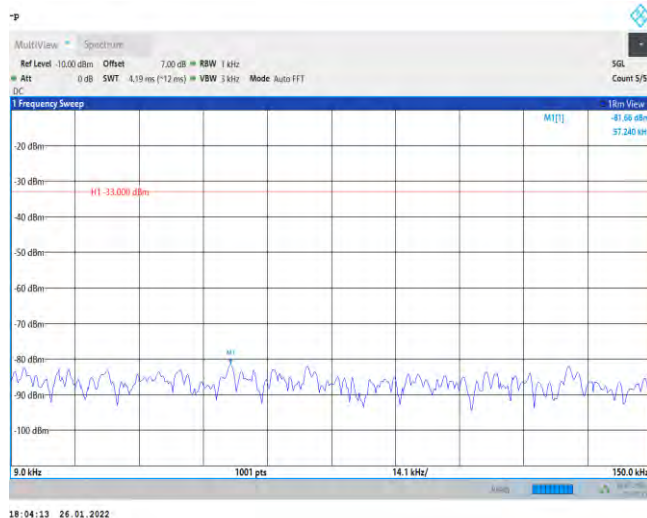
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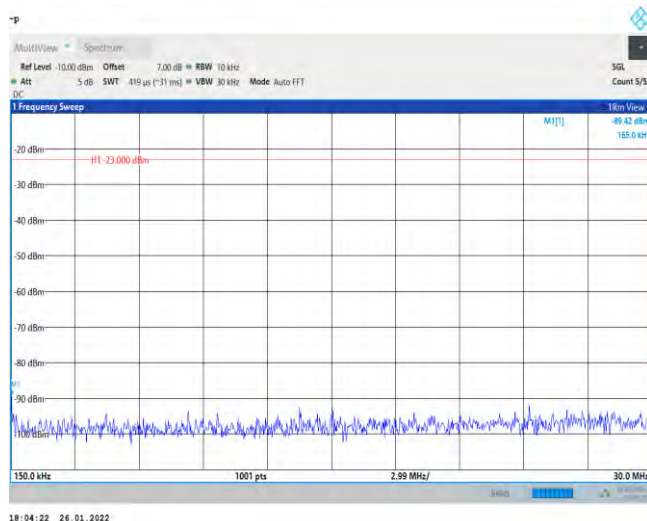
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Band5-10MHz-64QAM-20525-1RB#0-Range3:30~1000MHz



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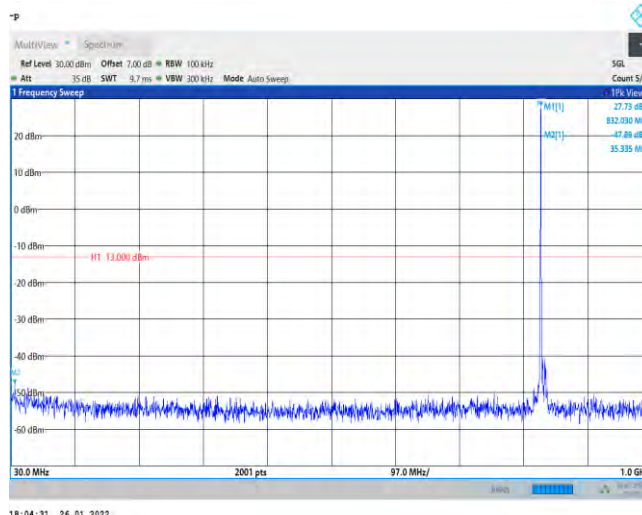
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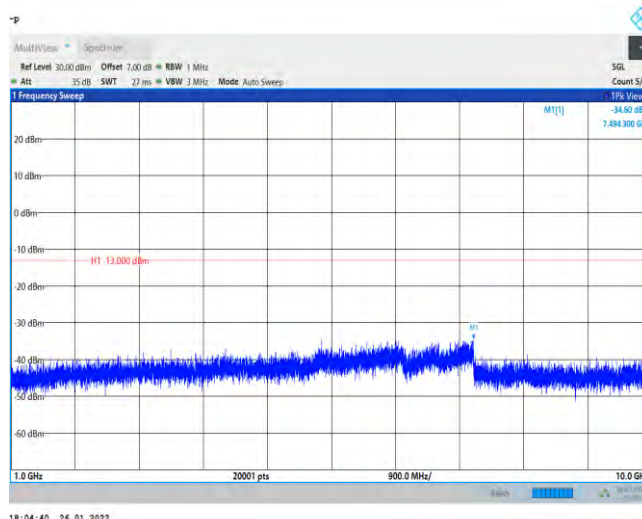
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Band5-10MHz-64QAM-20525-1RB#0-Range4:1000~10000MHz



Band5-10MHz-64QAM-20600-1RB#0-Range1:0.009~0.15MHz



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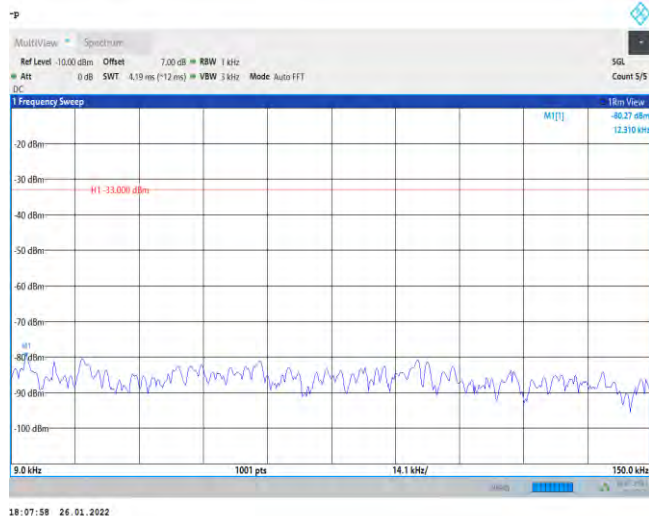
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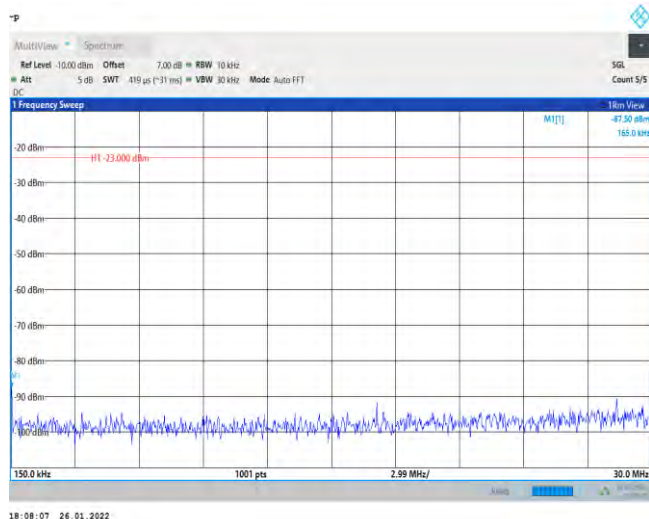
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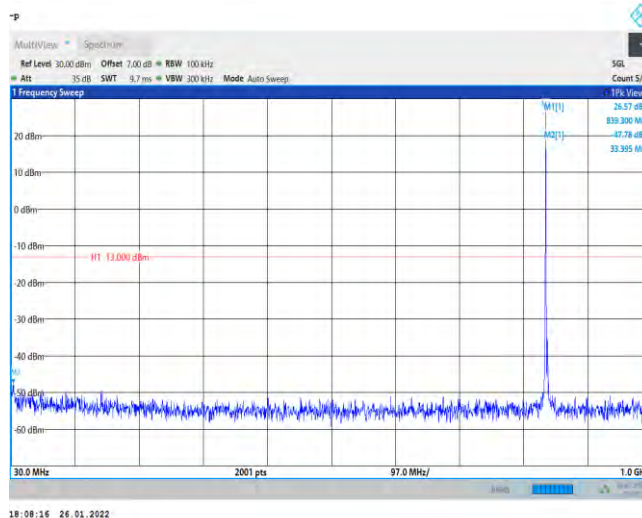
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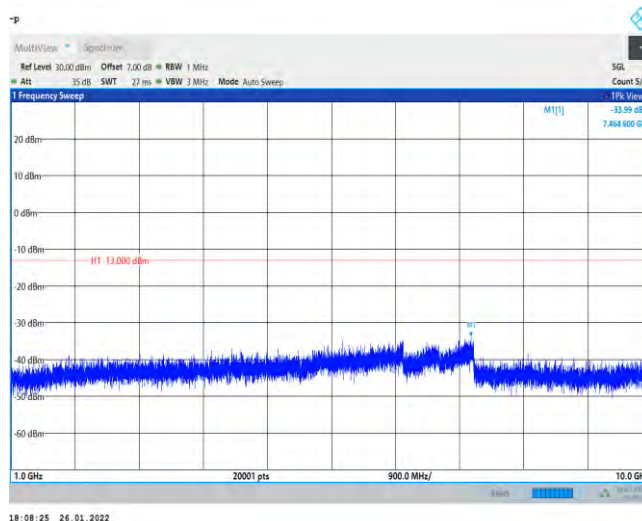
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Band5-10MHz-64QAM-20600-1RB#0-Range4:1000~10000MHz



Band5-10MHz-256QAM-20450-1RB#0-Range1:0.009~0.15MHz



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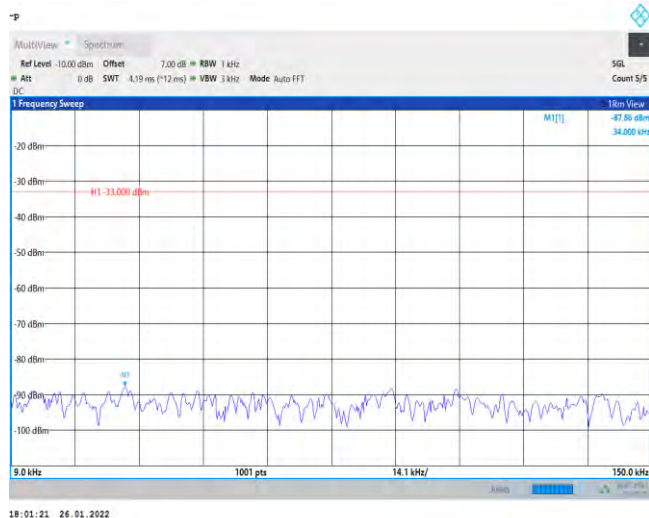
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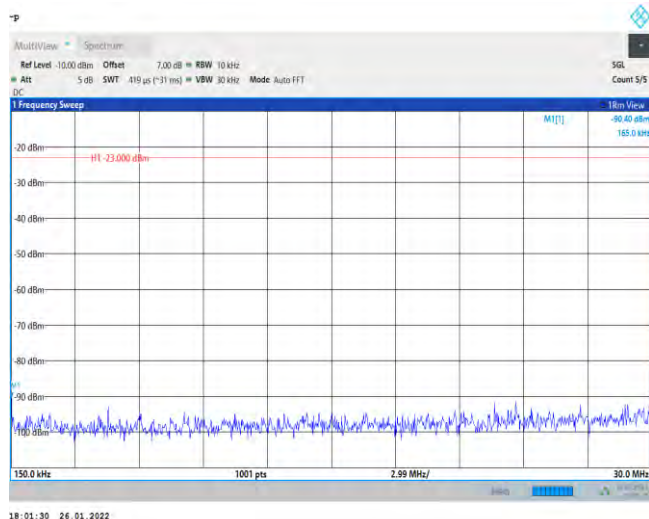
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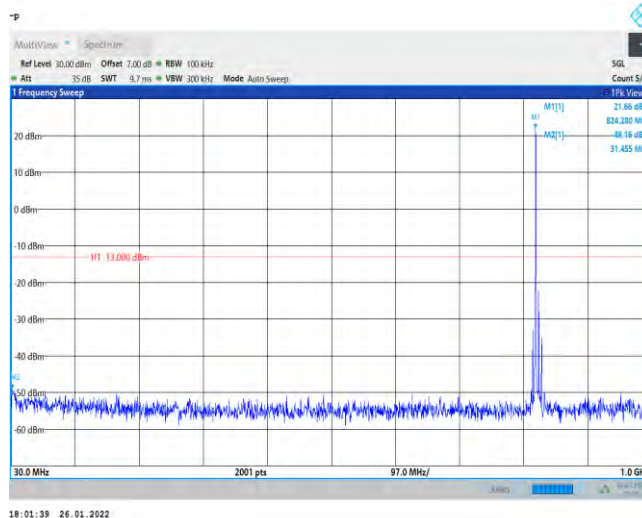
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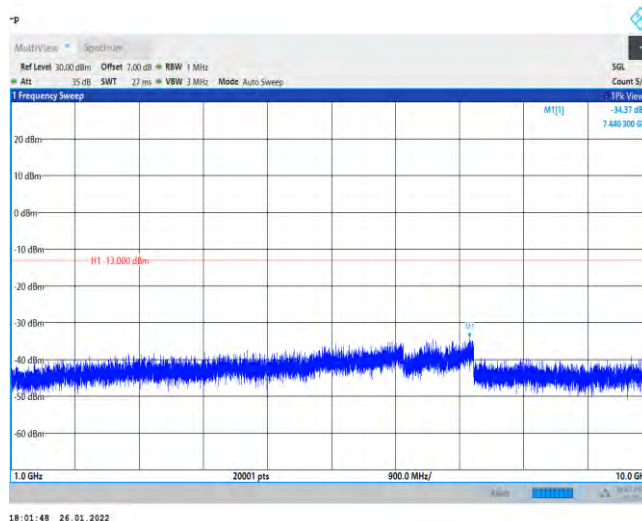
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Band5-10MHz-256QAM-20525-1RB#0-Range1:0.009~0.15MHz



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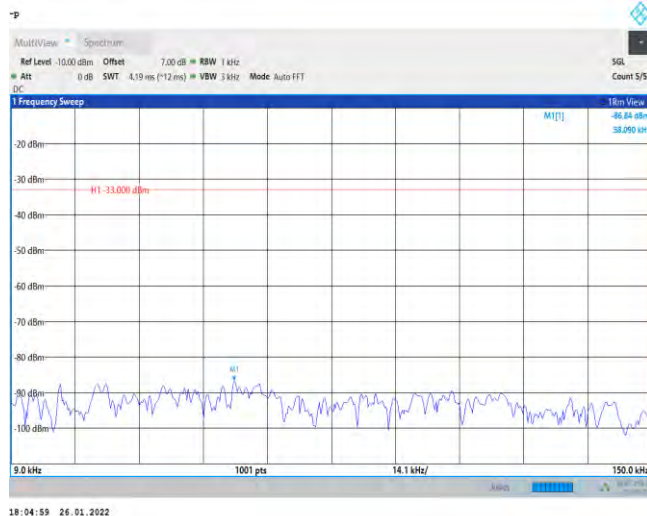
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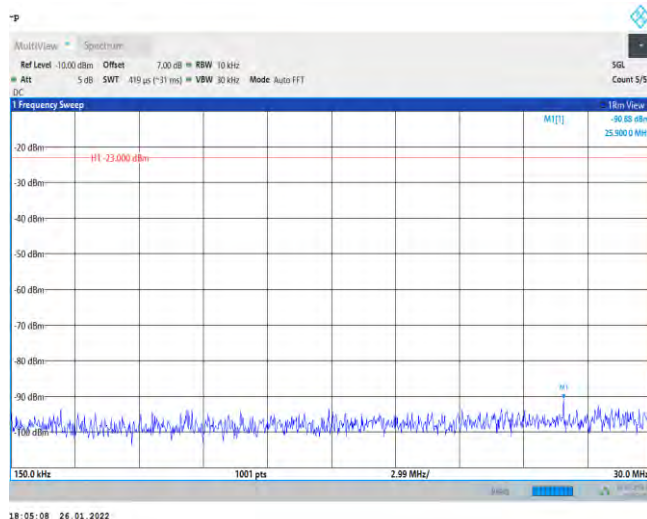
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Band5-10MHz-256QAM-20525-1RB#0-Range3:30~1000MHz



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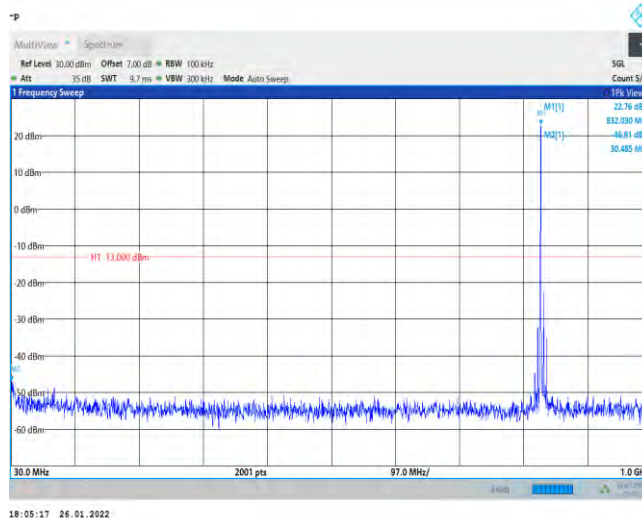
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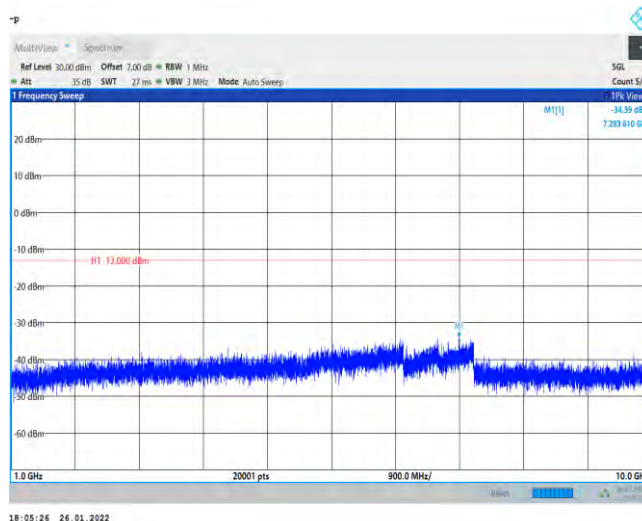
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Band5-10MHz-256QAM-20525-1RB#0-Range4:1000~10000MHz



Band5-10MHz-256QAM-20600-1RB#0-Range1:0.009~0.15MHz



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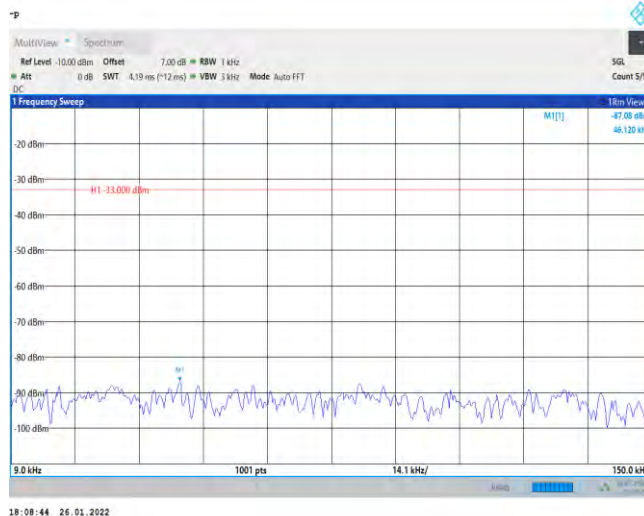
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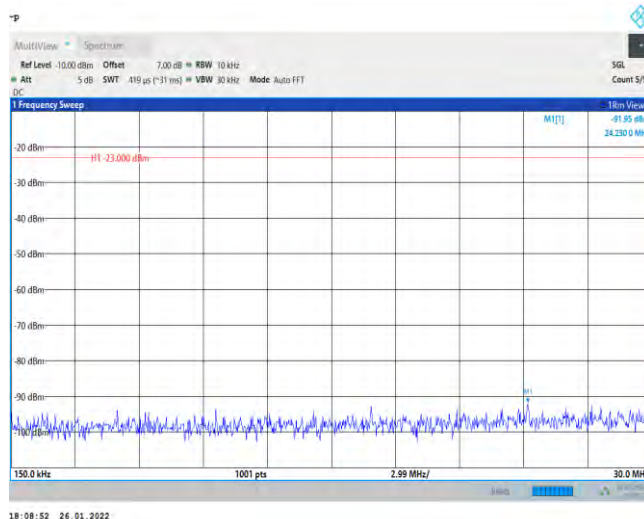
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Band5-10MHz-256QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-256QAM-20600-1RB#0-Range3:30~1000MHz



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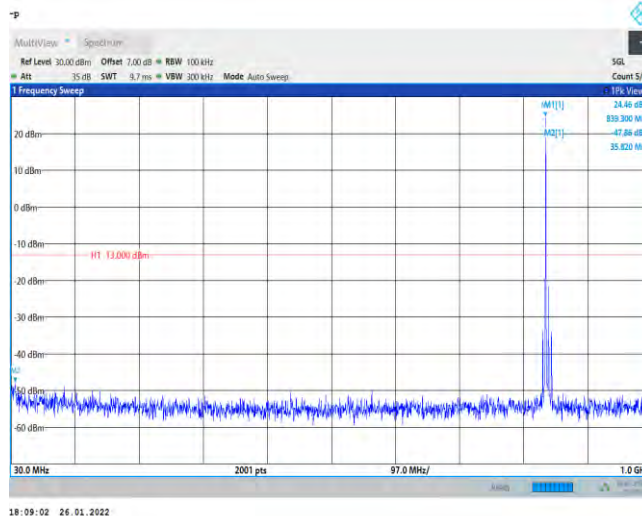
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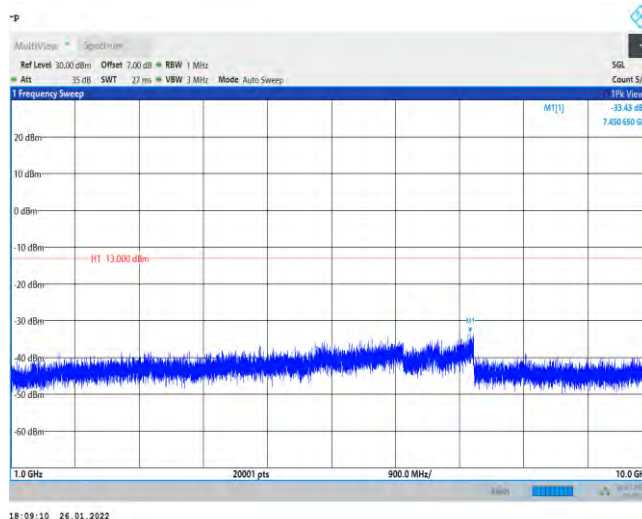
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Band5-10MHz-256QAM-20600-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = Band5 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1800	53.34	-118.11	-64.77	-13.00	51.77	185	36	Horizontal
2	2473.7700	54.19	-114.8	-60.70	-13.00	47.70	126	219	Horizontal
3	3298.3600	51.25	-112.3	-61.13	-13.00	48.13	174	154	Horizontal
4	4122.9500	48.36	-110.1	-61.83	-13.00	48.83	128	66	Horizontal
5	4947.5400	50.84	-108.2	-57.38	-13.00	44.38	195	206	Horizontal
6	5772.1300	47.58	-106.2	-58.67	-13.00	45.67	123	181	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1800	52.34	-118.11	-65.77	-13.00	52.77	229	51	Vertical
2	2473.7700	52.02	-114.8	-62.87	-13.00	49.87	265	13	Vertical
3	3298.3600	51.69	-112.3	-60.69	-13.00	47.69	177	308	Vertical
4	4122.9500	49.36	-110.1	-60.83	-13.00	47.83	185	158	Vertical
5	4947.5400	50.00	-108.2	-58.22	-13.00	45.22	213	308	Vertical
6	5772.1300	46.79	-106.2	-59.46	-13.00	46.46	230	166	Vertical



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Test Band = Band5 TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	55.41	-118.0	-62.68	-13.00	49.68	149	334	Horizontal
2	2496.2700	57.12	-114.7	-57.66	-13.00	44.66	199	255	Horizontal
3	3328.3600	54.01	-112.3	-58.37	-13.00	45.37	128	218	Horizontal
4	4160.4500	48.43	-110.1	-61.73	-13.00	48.73	186	356	Horizontal
5	4992.5400	49.45	-108.1	-58.74	-13.00	45.74	164	102	Horizontal
6	5824.6300	48.23	-106.2	-57.97	-13.00	44.97	120	62	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	53.22	-118.0	-64.87	-13.00	51.87	126	53	Vertical
2	2496.2700	56.62	-114.7	-58.16	-13.00	45.16	198	233	Vertical
3	3328.3600	50.81	-112.3	-61.57	-13.00	48.57	142	354	Vertical
4	4160.4500	48.46	-110.1	-61.70	-13.00	48.70	133	78	Vertical
5	4992.5400	49.19	-108.1	-59.00	-13.00	46.00	294	354	Vertical
6	5824.6300	47.11	-106.2	-59.09	-13.00	46.09	177	195	Vertical



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Test Band = Band5 TM1
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	51.47	-118.0	-66.59	-13.00	53.59	125	40	Horizontal
2	2518.7700	54.94	-114.6	-59.69	-13.00	46.69	133	207	Horizontal
3	3358.3600	51.06	-112.3	-61.32	-13.00	48.32	147	285	Horizontal
4	3358.8571	51.06	-112.3	-61.32	-13.00	48.32	150	285	Horizontal
5	4197.9500	49.03	-110.1	-61.09	-13.00	48.09	165	258	Horizontal
6	5037.5400	49.58	-108.0	-58.43	-13.00	45.43	128	25	Horizontal
7	5887.1300	48.32	-106.2	-57.95	-13.00	44.95	197	220	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	52.78	-118.0	-65.28	-13.00	52.28	225	37	Vertical
2	2518.7700	57.26	-114.6	-57.37	-13.00	44.37	227	204	Vertical
3	3358.3600	51.17	-112.3	-61.21	-13.00	48.21	124	125	Vertical
4	4197.9500	48.73	-110.1	-61.39	-13.00	48.39	156	320	Vertical
5	5037.5400	49.99	-108.0	-58.02	-13.00	45.02	210	111	Vertical
6	5887.1300	48.18	-106.2	-58.09	-13.00	45.09	283	256	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	1.50	0.001809	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	14.00	0.016888	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	9.50	0.011460	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	5.40	0.006455	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	7.10	0.008488	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	2.30	0.002725	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	6.30	0.007464	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-1.30	-0.001540	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	7.50	0.004032	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	7.80	0.004149	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	9.90	0.005266	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	8.70	0.004628	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	9.50	0.005000	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	8.80	0.004632	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	5.30	0.002789	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	4.50	0.002419	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	7.30	0.003925	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	6.30	0.003387	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	10.00	0.005319	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	10.40	0.005532	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	6.30	0.003351	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	7.60	0.004000	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	5.50	0.002895	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	10.10	0.005316	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	6.60	0.003548	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	5.50	0.002957	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	VL	NT	7.30	0.003925	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	VN	NT	6.20	0.003333	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	VH	NT	3.30	0.001774	±2.5	PASS



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Band5	10MHz	256QAM	20525	50RB#0	VL	NT	11.80	0.006277	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	VN	NT	10.30	0.005479	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	VH	NT	1.90	0.002292	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VL	NT	-19.40	-0.023402	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VN	NT	-7.00	-0.008444	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VH	NT	5.50	0.002957	±2.5	PASS



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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-6.40	-0.007720	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-16.70	-0.020145	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	1.90	0.002292	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-19.40	-0.023402	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-7.00	-0.008444	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.30	-0.003981	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-7.60	-0.009168	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	7.10	0.008565	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-2.30	-0.002774	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-7.00	-0.008368	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-12.20	-0.014585	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-10.10	-0.012074	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-7.80	-0.009325	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.70	-0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.90	-0.004662	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	2.60	0.003108	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-27.00	-0.032277	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-28.20	-0.033712	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	1.40	0.001659	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	2.90	0.003436	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	0.40	0.000474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	2.50	0.002962	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	1.90	0.002251	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	1.90	0.002251	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-4.10	-0.004858	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	5.00	0.002660	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	10.90	0.005737	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	10.40	0.005474	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	4.60	0.002421	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	11.70	0.006158	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	13.20	0.006947	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	15.60	0.008211	±2.5	PASS



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Band5	10MHz	16QAM	20450	50RB#0	NV	40	13.10	0.006895	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	7.70	0.004053	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	6.90	0.003632	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	4.60	0.002473	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	8.60	0.004624	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	6.60	0.003548	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	3.30	0.001774	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	4.10	0.002204	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	9.70	0.005160	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	9.00	0.004787	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	7.00	0.003723	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	5.80	0.003085	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	6.30	0.003351	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	11.00	0.005851	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	12.30	0.006543	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	6.50	0.003457	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	6.90	0.003632	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	5.50	0.002895	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	11.00	0.005789	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	7.90	0.004158	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	5.80	0.003118	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	7.10	0.003817	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	6.60	0.003548	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	6.10	0.003280	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	2.80	0.001505	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	5.50	0.002957	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	9.70	0.005215	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	5.70	0.003065	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	4.50	0.002394	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	9.80	0.005213	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	7.30	0.003883	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	8.70	0.004628	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	5.80	0.003085	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	5.80	0.003085	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	5.20	0.002766	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	4.90	0.002606	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	8.50	0.004521	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	5.80	0.003118	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	5.80	0.003053	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	2.40	0.001263	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	8.40	0.004421	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	5.90	0.003105	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	0.10	0.000053	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	9.00	0.004737	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	3.30	0.001737	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	10.90	0.005798	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	13.10	0.006968	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-30	7.90	0.004202	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-20	10.30	0.005479	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-10	5.80	0.003085	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	0	9.40	0.005000	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	10	5.00	0.002660	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	20	10.90	0.005737	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	30	10.40	0.005474	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	40	5.00	0.002688	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	50	5.80	0.003118	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-30	7.10	0.003817	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-20	6.60	0.003548	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-10	6.10	0.003280	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	0	2.80	0.001505	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	10	5.50	0.002957	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	20	9.70	0.005215	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	30	5.70	0.003065	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	40	4.50	0.002394	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	50	9.80	0.005213	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	-30	7.30	0.003883	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	-20	8.70	0.004628	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	-10	5.80	0.003085	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	0	5.80	0.003085	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	10	5.20	0.002766	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	20	5.90	0.003105	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	30	0.10	0.000053	±2.5	PASS



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Band5	10MHz	256QAM	20600	50RB#0	NV	40	9.00	0.004737	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	50	3.30	0.001737	±2.5	PASS

The End



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