

Appendix B

E-UTRA BAND 5



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.48	14.13	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.45	14.1	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.46	14.11	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.36	14.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.34	13.99	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.31	13.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.82	12.47	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.54	14.19	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.28	13.93	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.5	14.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.36	14.01	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.47	14.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.47	14.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.92	12.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.52	14.17	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.43	14.08	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.59	14.24	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.39	14.04	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.54	14.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.38	14.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.92	12.57	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.36	12.01	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.89	11.54	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.3	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.07	11.72	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	20.84	11.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.97	11.62	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.04	10.69	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.3	11.95	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.93	11.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.28	11.93	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.01	11.66	38.45	PASS



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Band5	1.4MHz	64QAM	20525	3RB#1	20.98	11.63	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.01	11.66	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.01	10.66	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.33	11.98	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	20.88	11.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.28	11.93	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	20.98	11.63	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	20.94	11.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.96	11.61	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	19.98	10.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.12	12.77	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.85	12.5	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.15	12.8	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.02	12.67	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.95	12.6	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.98	12.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.9	11.55	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.24	12.89	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.96	12.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.2	12.85	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.94	12.59	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.92	12.57	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.98	12.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21	11.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.29	12.94	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22	12.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.12	12.77	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.03	12.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.96	12.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.01	12.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.82	11.47	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.51	14.16	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.47	14.12	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.42	14.07	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.9	12.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.92	12.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.94	12.59	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.95	12.6	38.45	PASS



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Band5	3MHz	QPSK	20525	1RB#0	23.54	14.19	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.6	14.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.56	14.21	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.93	12.58	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.96	12.61	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.89	12.54	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.97	12.62	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.44	14.09	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.51	14.16	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.58	14.23	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.01	12.66	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.95	12.6	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.92	12.57	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.97	12.62	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.19	11.84	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.17	11.82	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.18	11.83	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.09	10.74	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.03	10.68	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20	10.65	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.98	10.63	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.25	11.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.13	10.78	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.02	10.67	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	19.94	10.59	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.96	10.61	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.22	11.87	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.28	11.93	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.12	11.77	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.03	10.68	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.05	10.7	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	19.95	10.6	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.99	10.64	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.14	12.79	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.19	12.84	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.17	12.82	38.45	PASS



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Band5	3MHz	16QAM	20415	8RB#0	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.98	11.63	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.01	11.66	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.21	12.86	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.18	12.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.13	12.78	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.05	11.7	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.99	11.64	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.93	11.58	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.94	11.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.18	12.83	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.4	13.05	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.22	12.87	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.95	11.6	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.99	11.64	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.96	11.61	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.97	11.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.45	14.1	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.92	13.57	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.39	14.04	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.02	12.67	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.93	12.58	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.95	12.6	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.92	12.57	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.48	14.13	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.99	13.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.43	14.08	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.04	12.69	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.07	12.72	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.99	12.64	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.98	12.63	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.48	14.13	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.92	13.57	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.43	14.08	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.99	12.64	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.96	12.61	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.99	12.64	38.45	PASS



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Band5	5MHz	QPSK	20625	25RB#0	21.94	12.59	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.27	11.92	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	20.88	11.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.11	11.76	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.08	10.73	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	19.96	10.61	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.25	11.9	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.12	11.77	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.04	11.69	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.08	10.73	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	19.99	10.64	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20	10.65	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.02	10.67	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.2	11.85	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	20.86	11.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.16	11.81	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	19.97	10.62	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	19.99	10.64	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.04	10.69	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.04	10.69	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.25	12.9	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.19	12.84	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.18	12.83	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.12	11.77	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.95	11.6	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.95	11.6	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.9	11.55	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.21	12.86	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.28	12.93	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.2	12.85	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21	11.65	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.07	11.72	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.98	11.63	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.94	11.59	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.26	12.91	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.32	11.97	38.45	PASS



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Band5	5MHz	16QAM	20625	1RB#24	22.15	12.8	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.08	11.73	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.97	11.62	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.98	11.63	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.9	11.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.5	14.15	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.57	14.22	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.59	14.24	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.95	12.6	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.96	12.61	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.93	12.58	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.94	12.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.58	14.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.58	14.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.63	14.28	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.97	12.62	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.95	12.6	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.92	12.57	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.93	12.58	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.57	14.22	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.54	14.19	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.6	14.25	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.96	12.61	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.94	12.59	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.91	12.56	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.95	12.6	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.23	11.88	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	20.99	11.64	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.27	11.92	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	19.97	10.62	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	19.94	10.59	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	19.92	10.57	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.28	11.93	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.15	11.8	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.41	12.06	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20	10.65	38.45	PASS



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Band5	10MHz	64QAM	20525	25RB#25	19.96	10.61	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	19.94	10.59	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.19	11.84	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.19	11.84	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.37	12.02	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	19.96	10.61	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20	10.65	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	19.99	10.64	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	19.96	10.61	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.29	12.94	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.07	12.72	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.34	12.99	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.95	11.6	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.93	11.58	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.22	12.87	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.98	12.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.35	13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.04	11.69	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.1	11.75	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.91	11.56	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.24	12.89	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.02	12.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.35	13	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.04	11.69	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.93	11.58	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.89	11.54	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.9	11.55	38.45	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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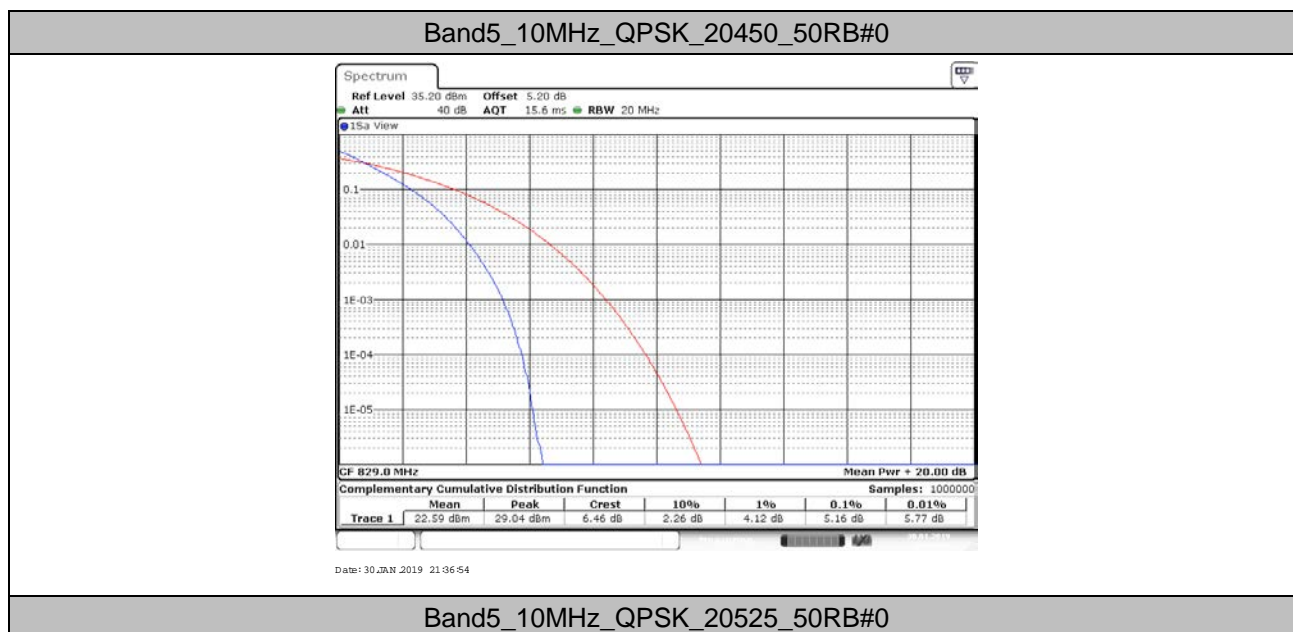
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2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.19	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	5.74	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	5.80	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.83	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.80	13	PASS

2.2. Test Plots



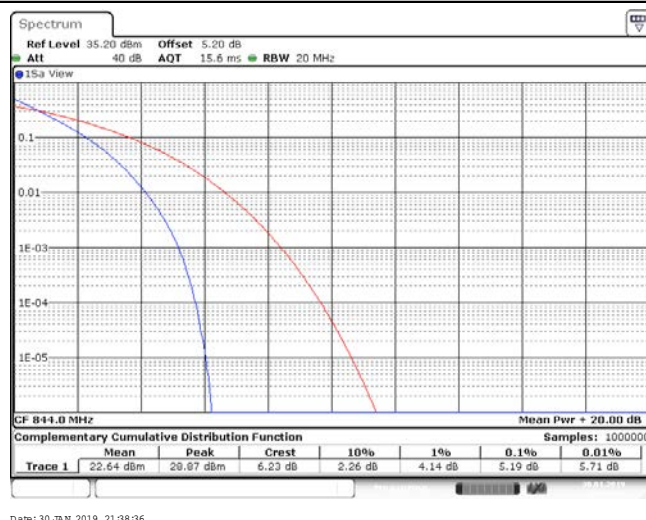
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Date: 30 JAN 2019 21:37:33

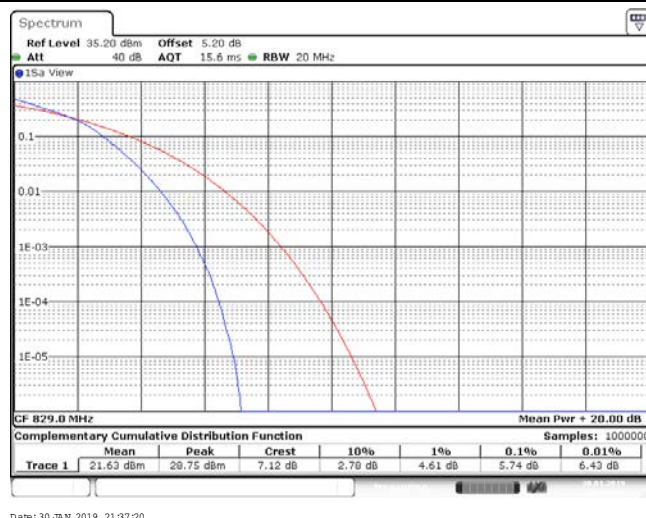
Band5_10MHz_QPSK_20600_50RB#0



Date: 30 JAN 2019 21:38:36

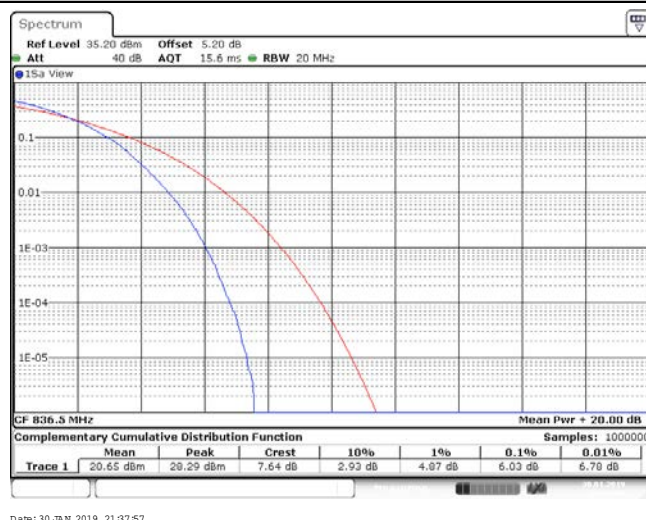
Band5_10MHz_64QAM_20450_50RB#0





Date: 30 JAN 2019 21:37:20

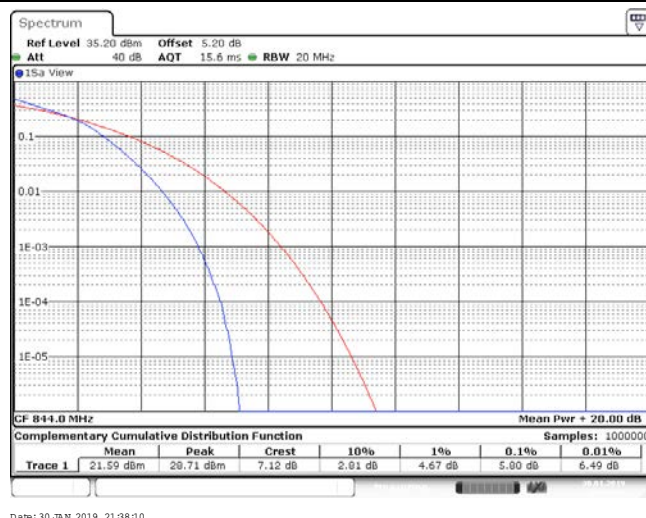
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Date: 30 JAN 2019 21:37:57

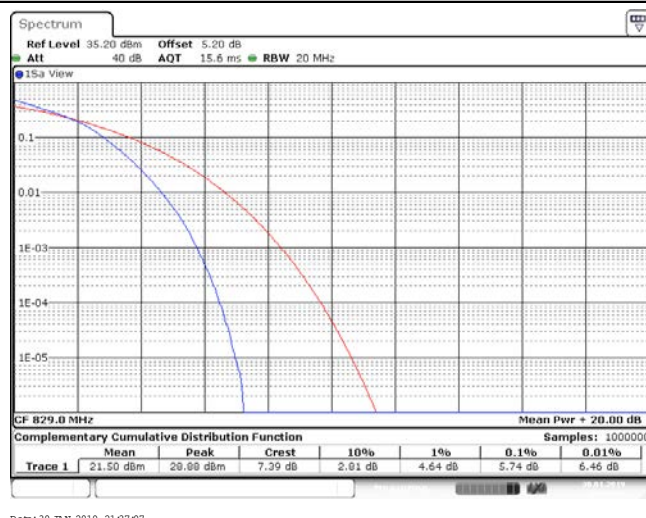
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Date: 30 JAN 2019 21:38:10

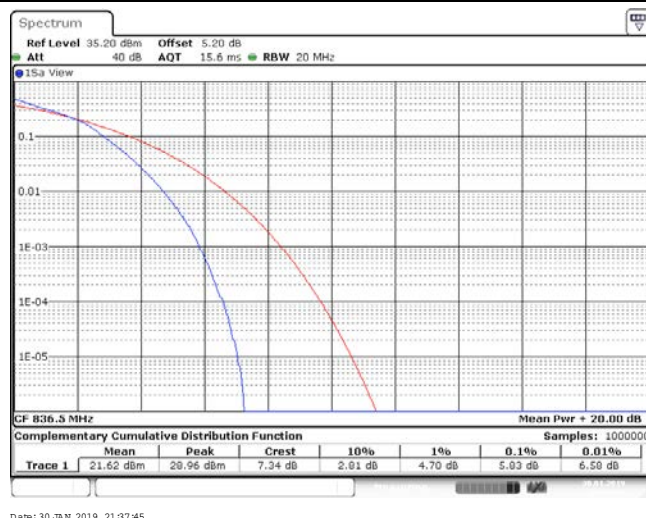
Band5_10MHz_16QAM_20450_50RB#0



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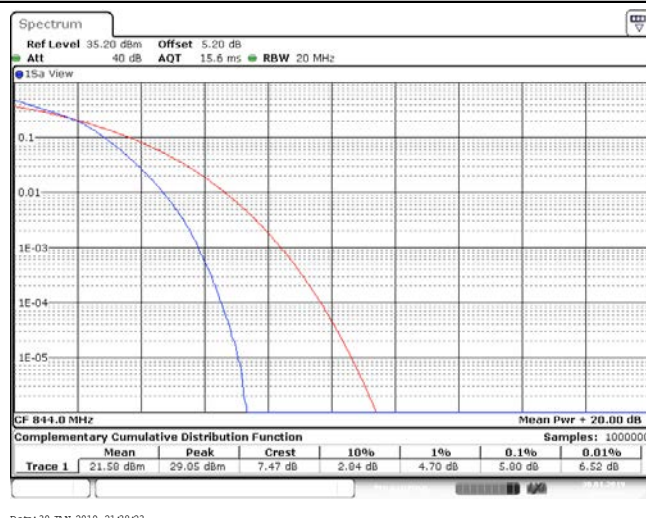
Band5_10MHz_16QAM_20525_50RB#0





Date: 30 JAN 2019 21:37:45

Band5_10MHz_16QAM_20600_50RB#0



Date: 30 JAN 2019 21:38:03

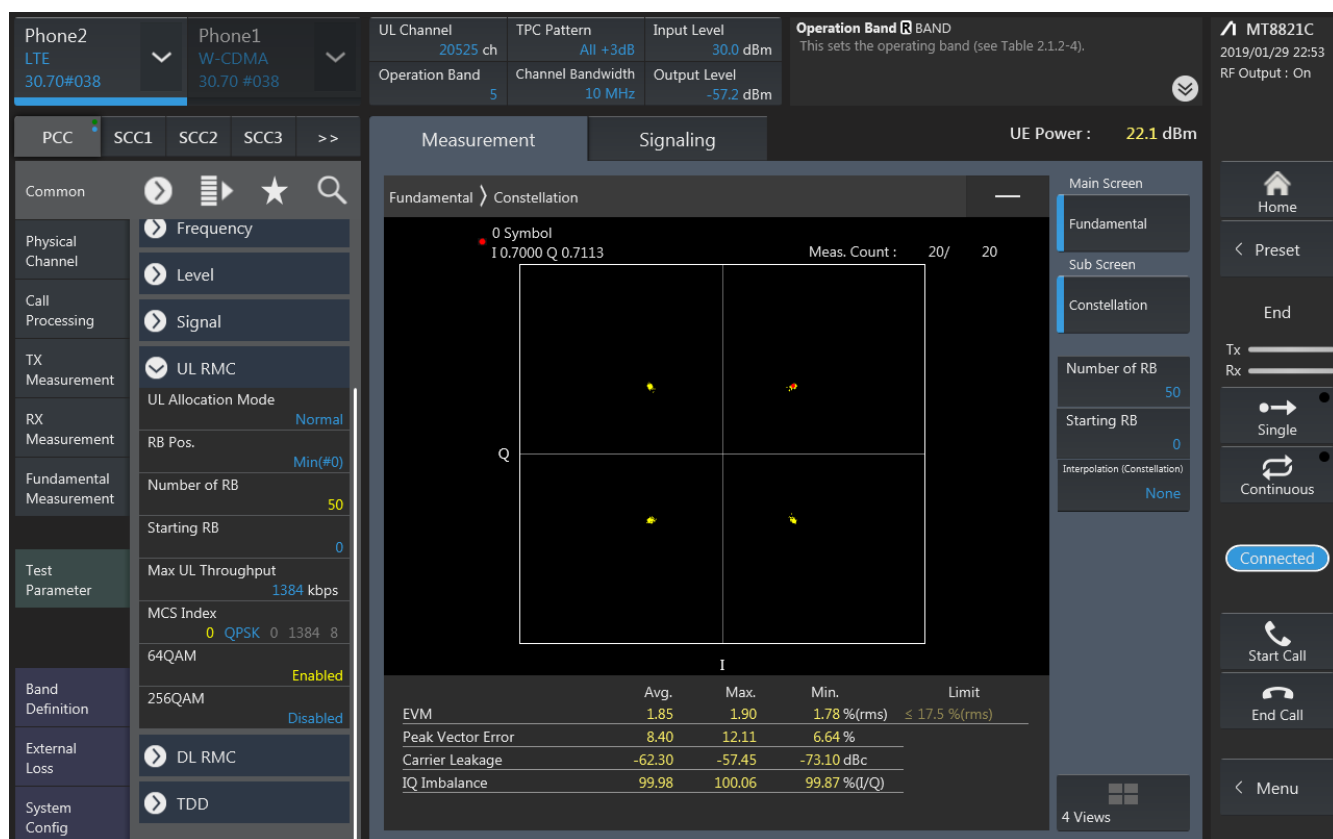


3. Modulation Characteristics

3.1. Test BAND = LTE BAND5

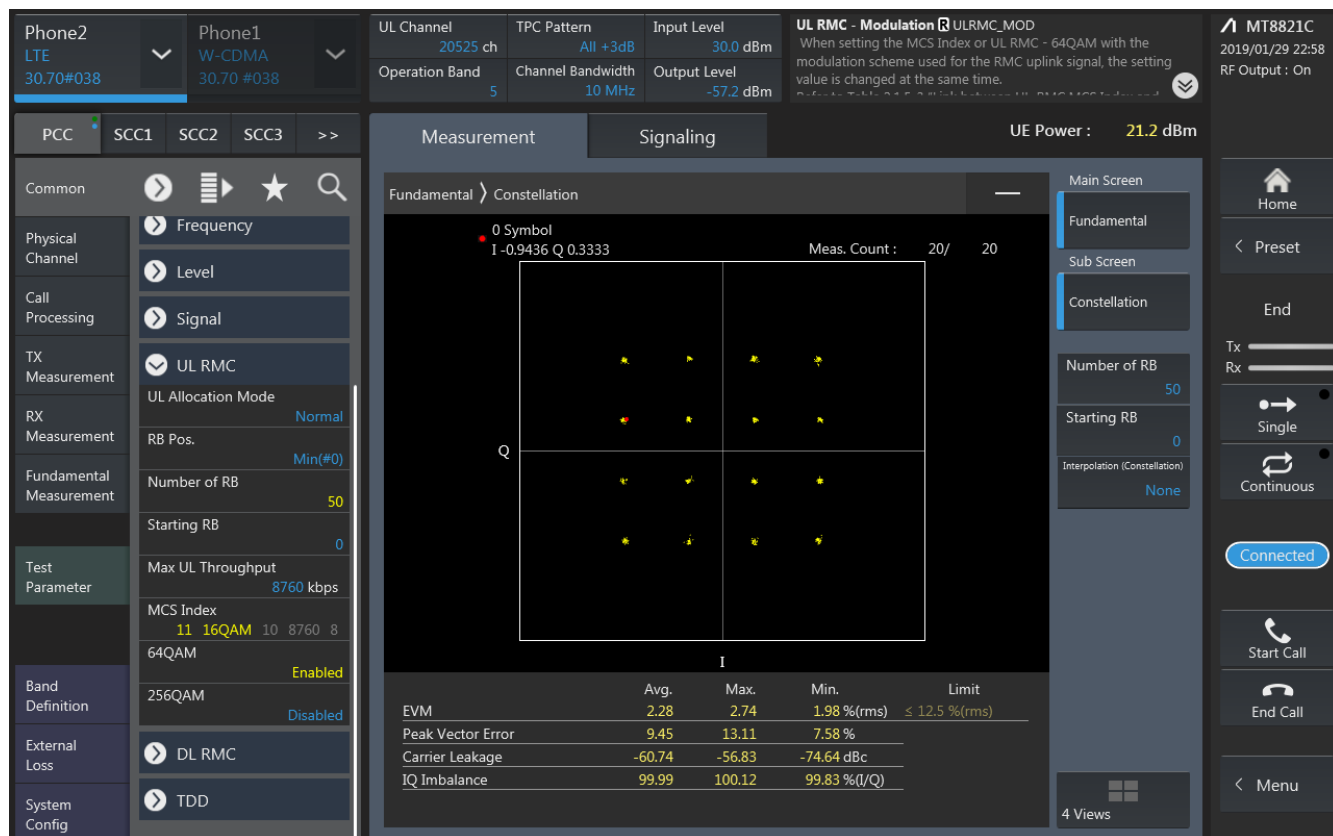
3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



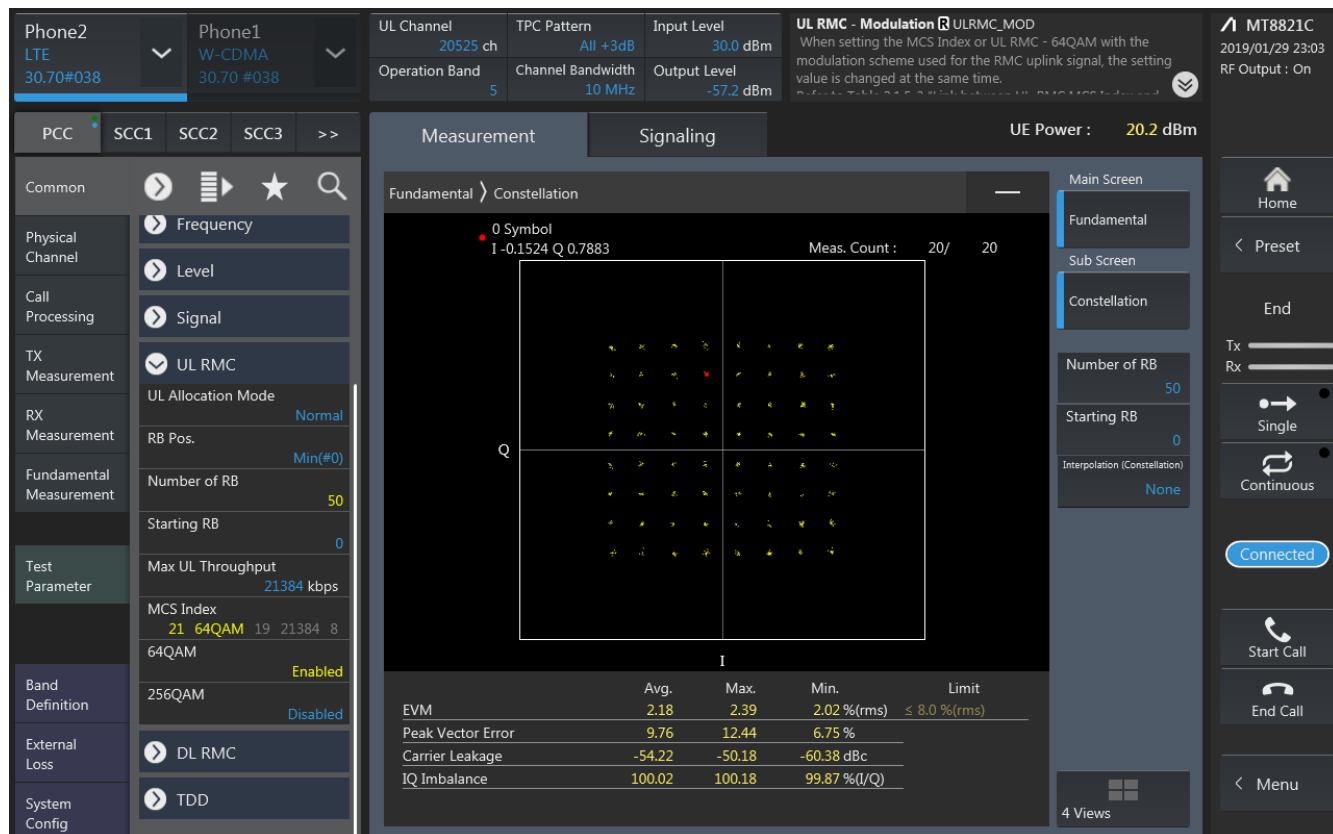
3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



3.1.3. Test Mode = LTE /TM3 10MHz

3.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.103	1.251	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.097	1.260	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.100	1.248	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.100	1.242	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.097	1.251	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.097	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.103	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.103	1.242	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.094	1.251	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.703	2.976	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	2.988	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	2.982	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.703	2.988	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.697	2.976	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.976	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.703	3.000	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.703	2.988	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.703	2.988	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.486	4.920	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.920	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.486	4.960	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.890	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.486	4.900	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.880	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.466	4.910	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.940	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.971	9.820	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.780	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.780	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.951	9.820	PASS



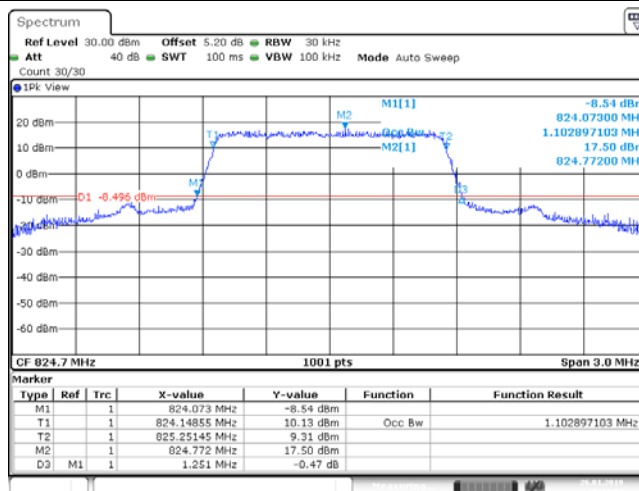
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Band5	10MHz	64QAM	20525	50RB#0	8.951	9.860	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.971	9.780	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.971	9.820	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.951	9.800	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.971	9.740	PASS

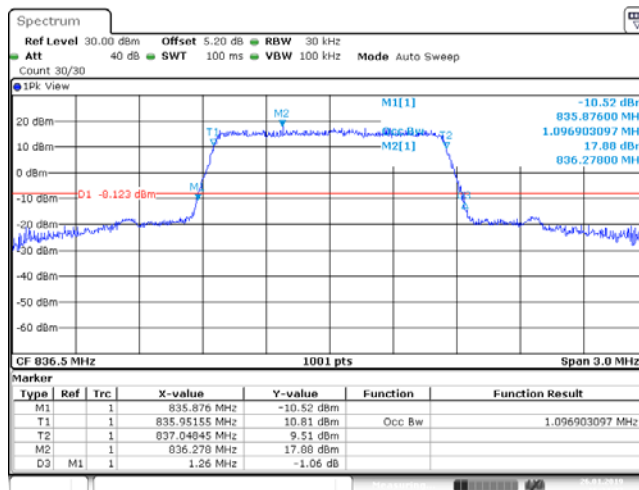
4.2. Test Plots

Band5_1.4MHz_QPSK_20407_6RB#0



Date: 26 JAN 2019 16:24:14

Band5_1.4MHz_QPSK_20525_6RB#0



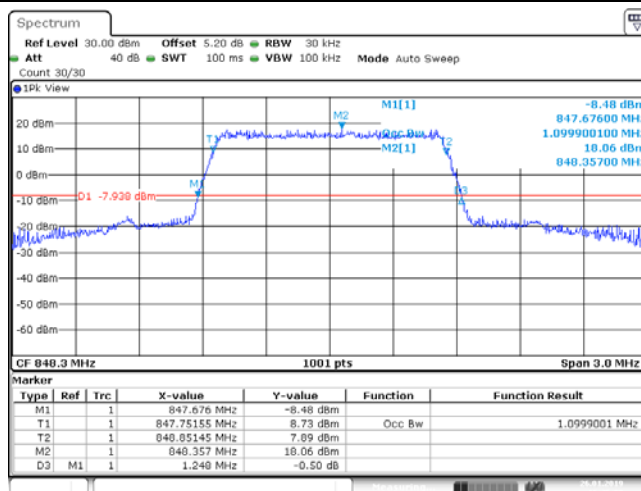
Date: 26 JAN 2019 16:24:38

Band5_1.4MHz_QPSK_20643_6RB#0

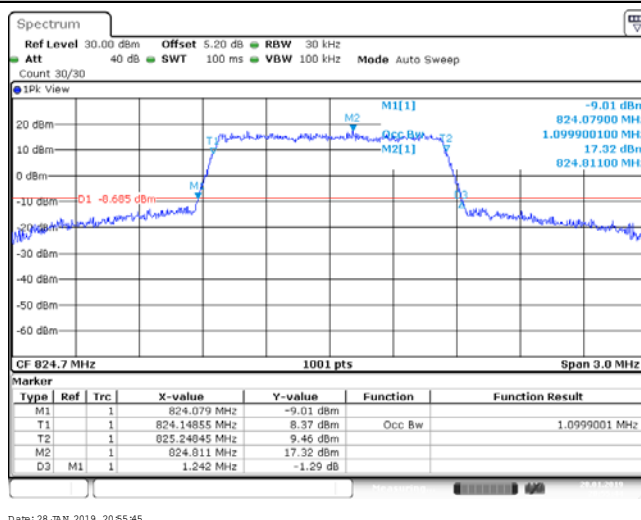


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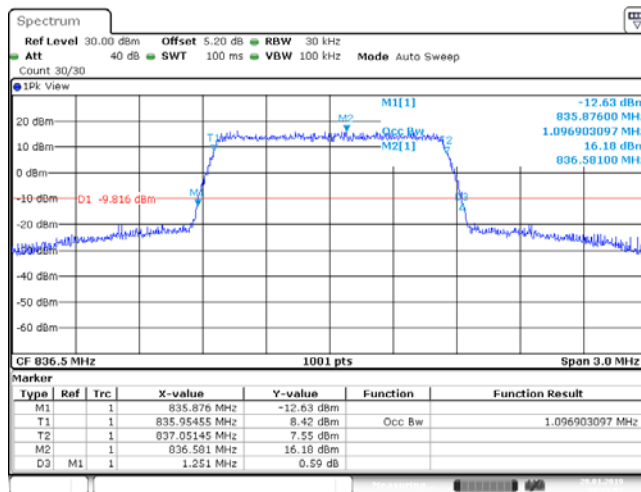


Band5_1.4MHz_64QAM_20407_6RB#0



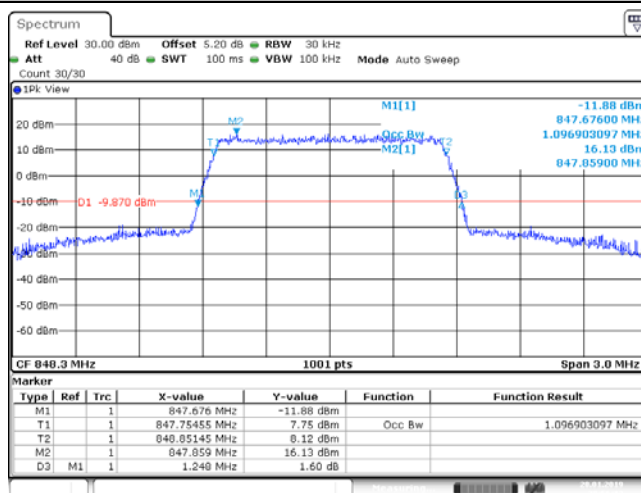
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Date: 28 JAN 2019 20:55:58

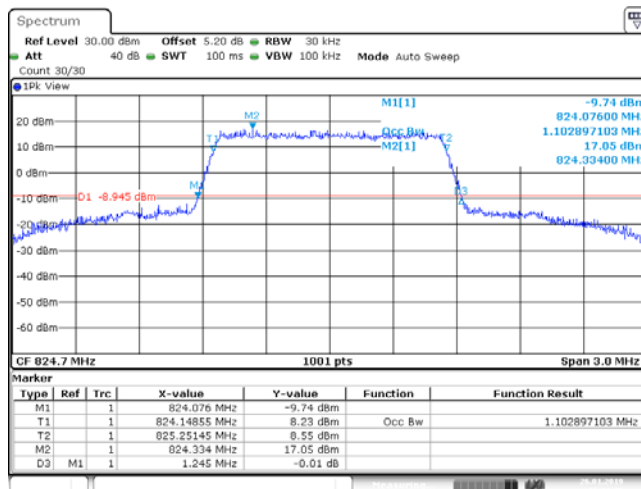
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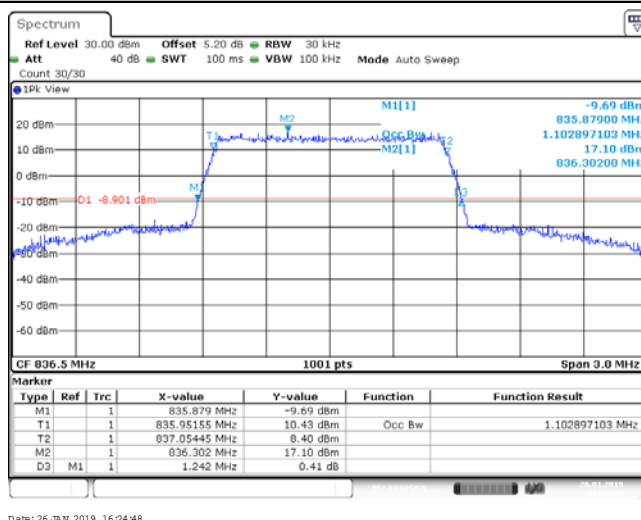
Date: 28 JAN 2019 20:56:11

Band5_1.4MHz_16QAM_20407_6RB#0





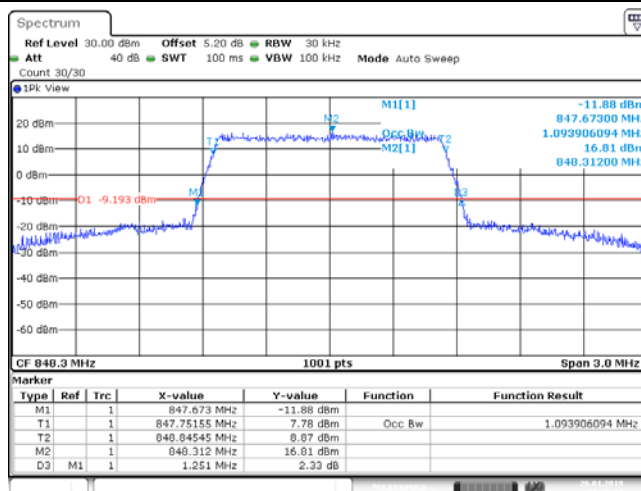
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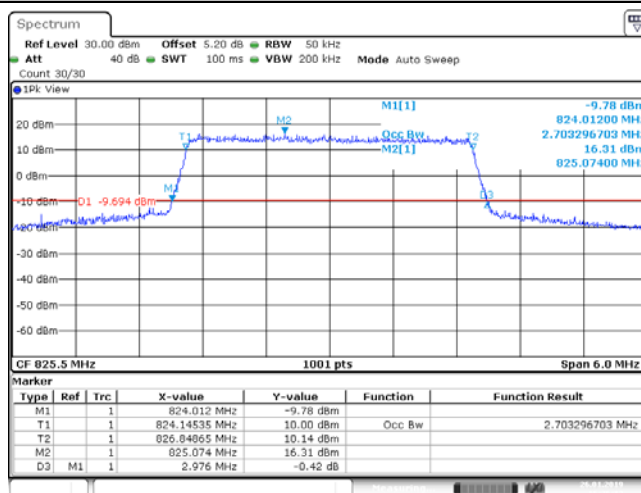


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Date: 26 JAN 2019 16:25:11

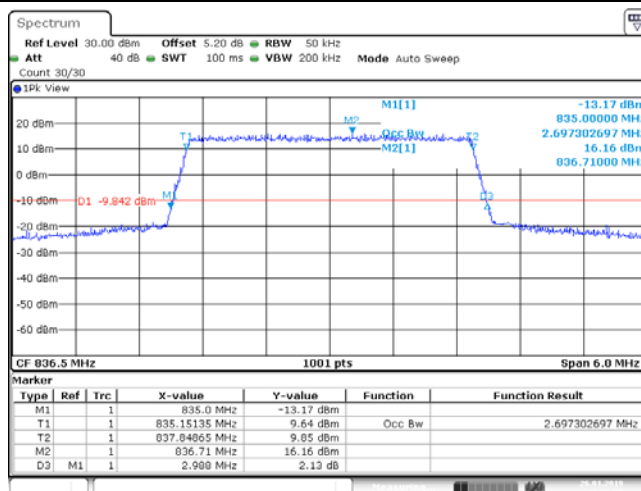
Band5_3MHz_QPSK_20415_15RB#0



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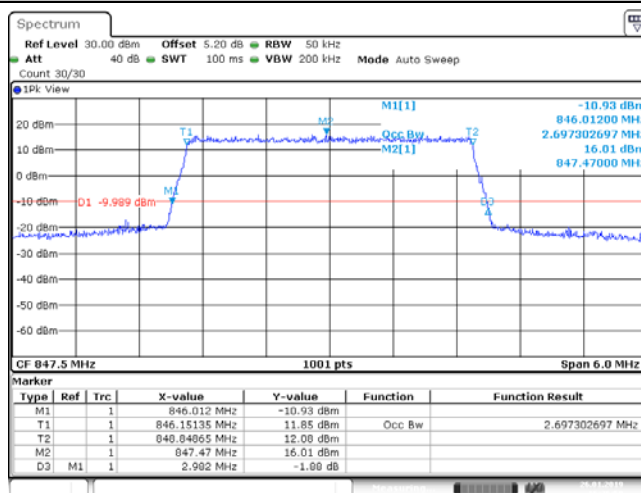
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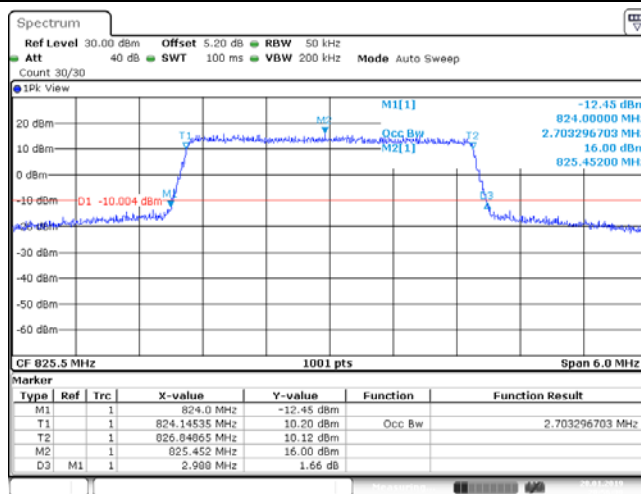
Band5_3MHz_QPSK_20635_15RB#0



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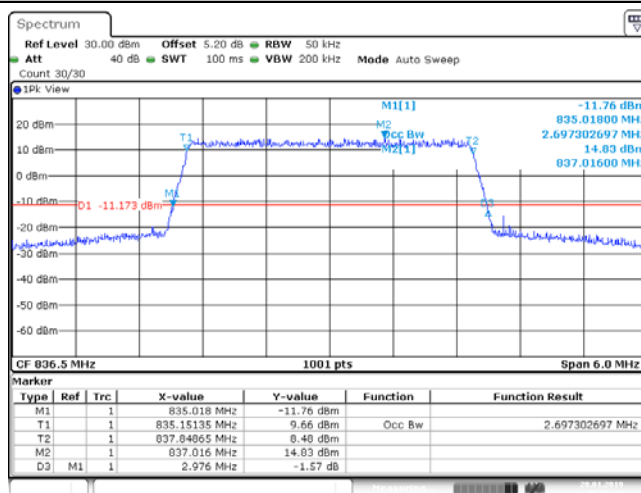
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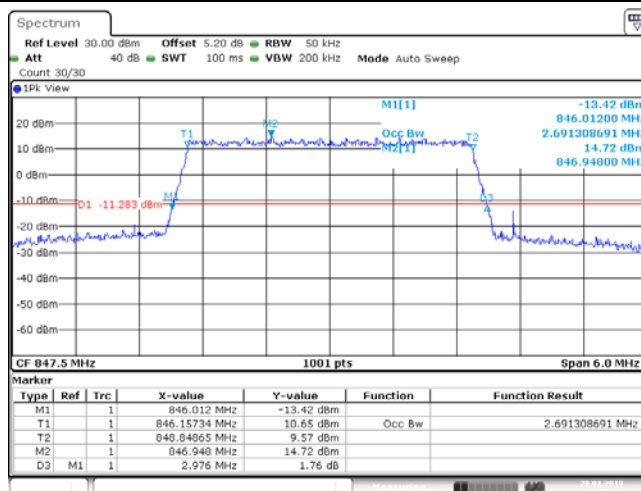
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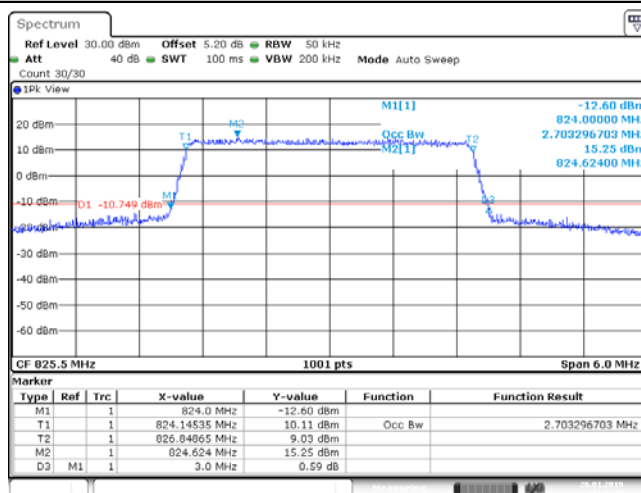
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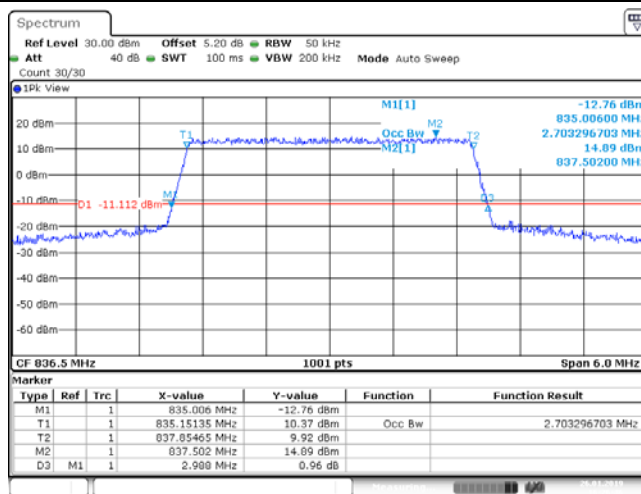
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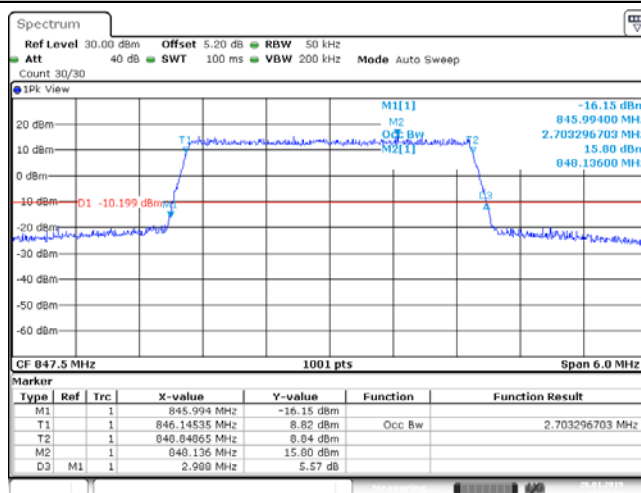
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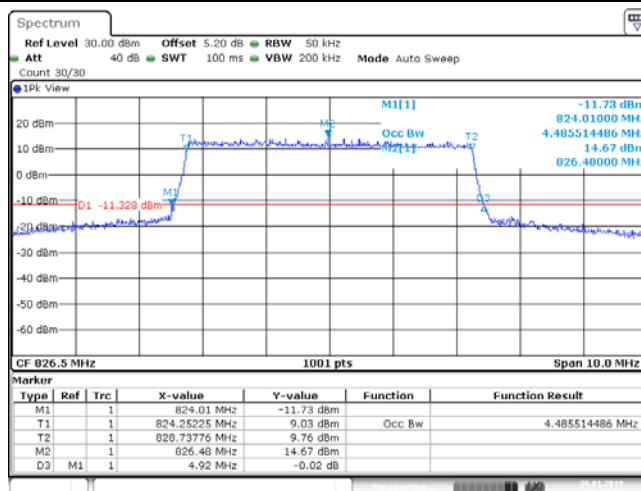
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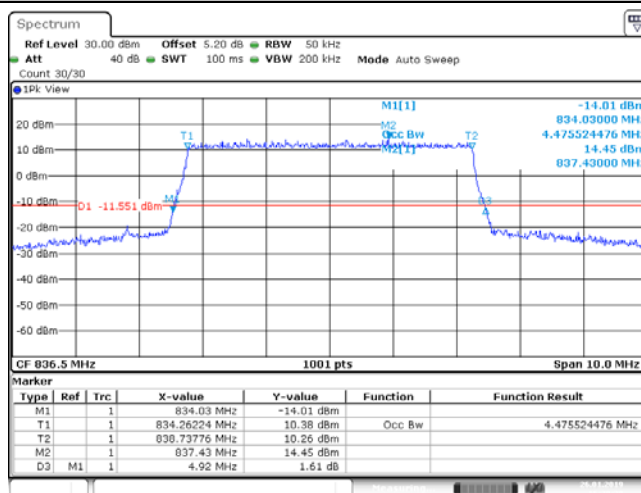
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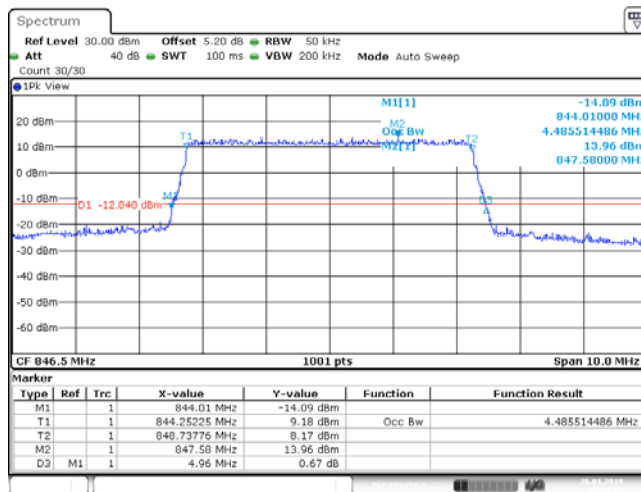
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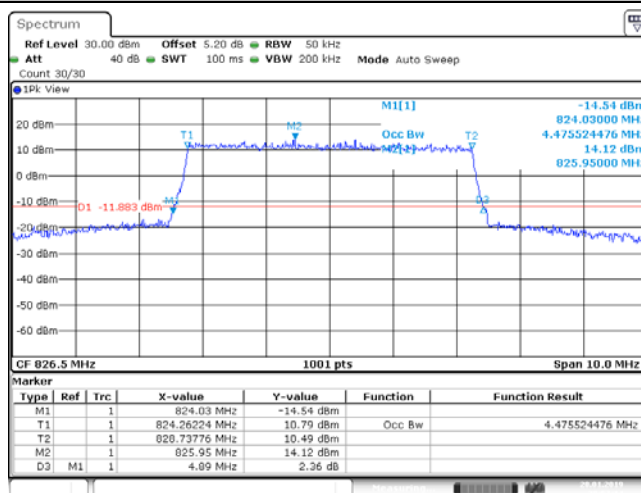
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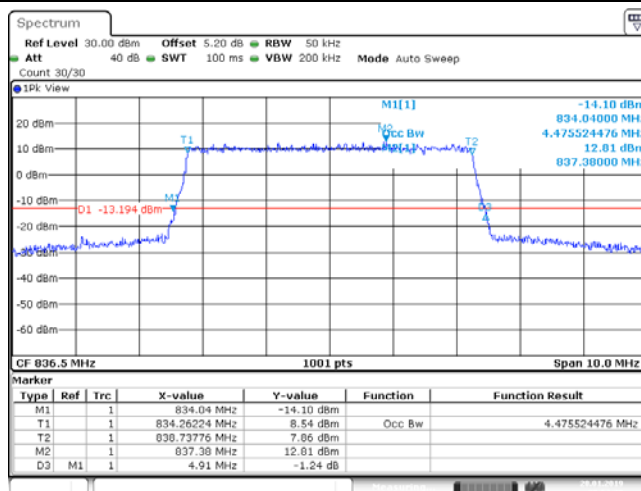
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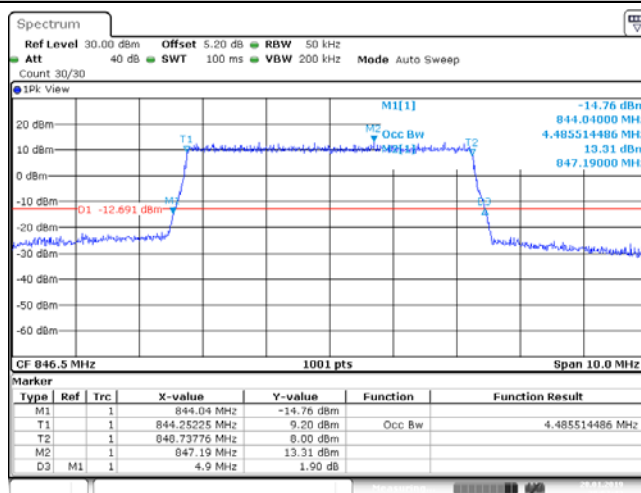
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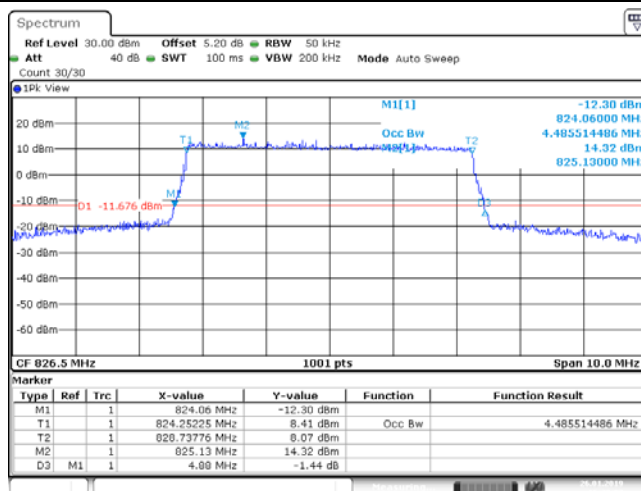
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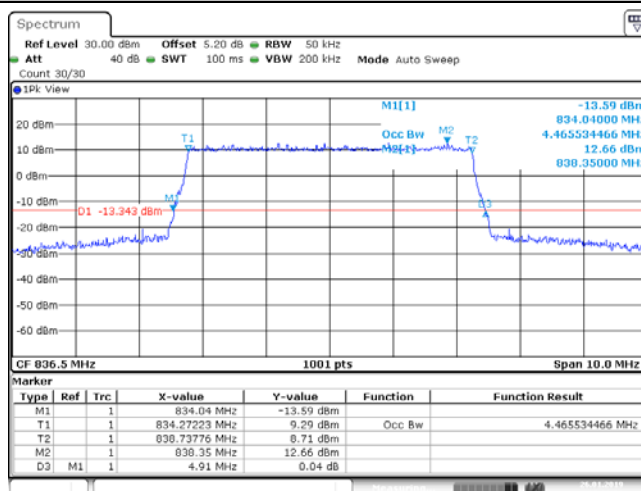
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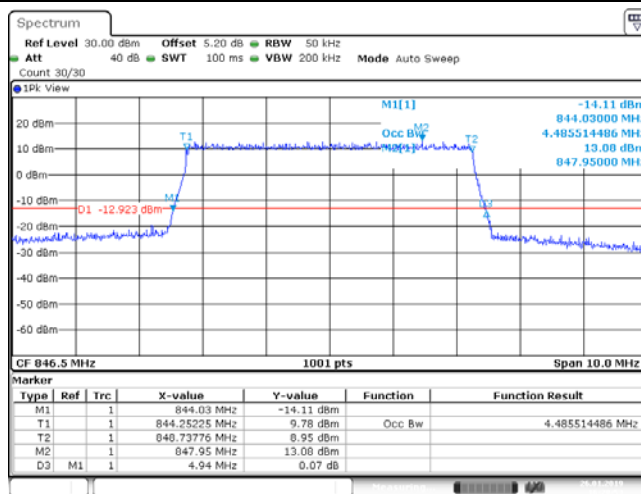
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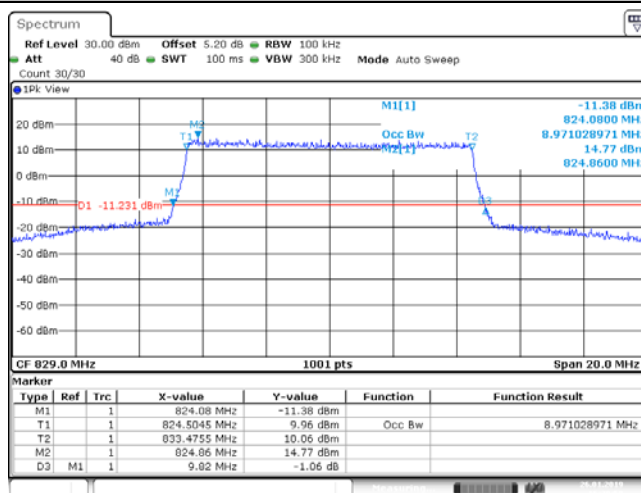
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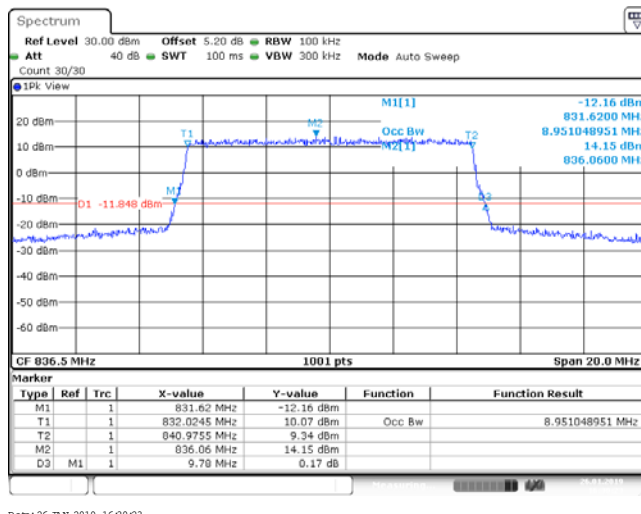
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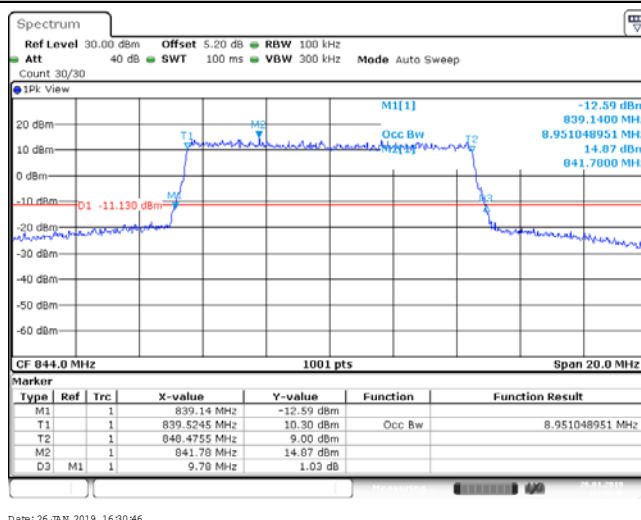
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Band5_10MHz_QPSK_20525_50RB#0





Band5 10MHz QPSK 20600 50RB#0



Band5 10MHz 64QAM 20450 50RB#0

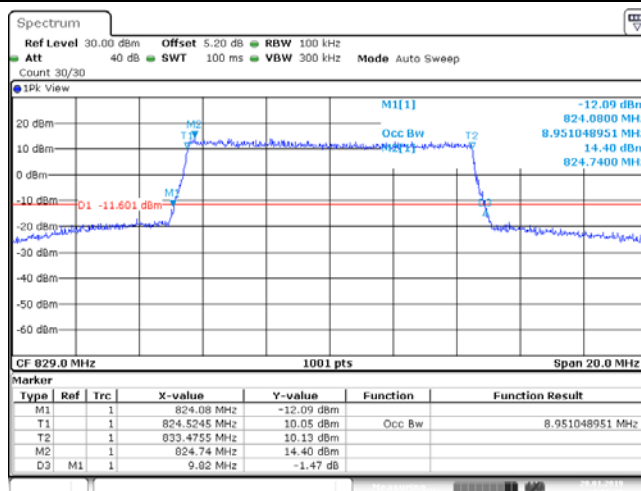


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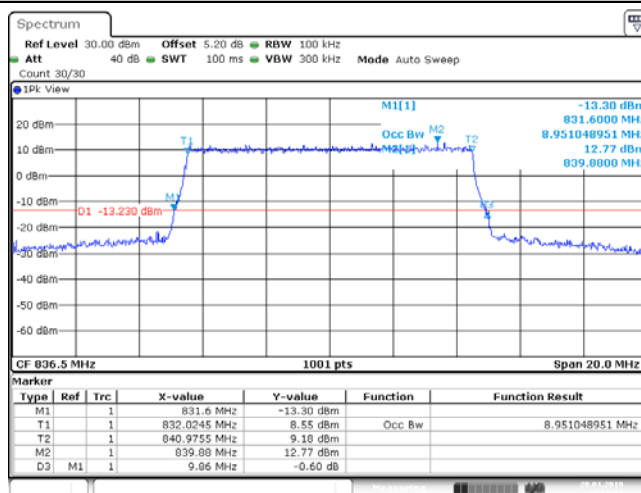
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Date: 28 JAN 2019 20:58:00

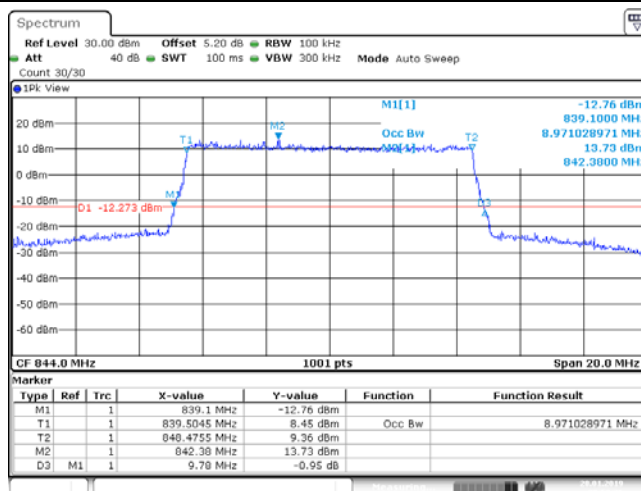
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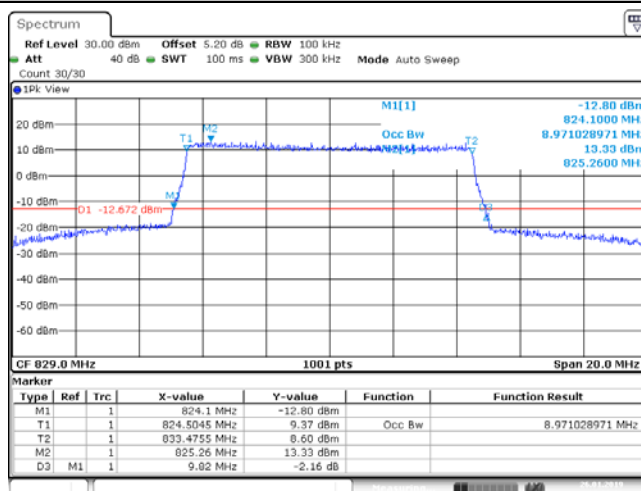
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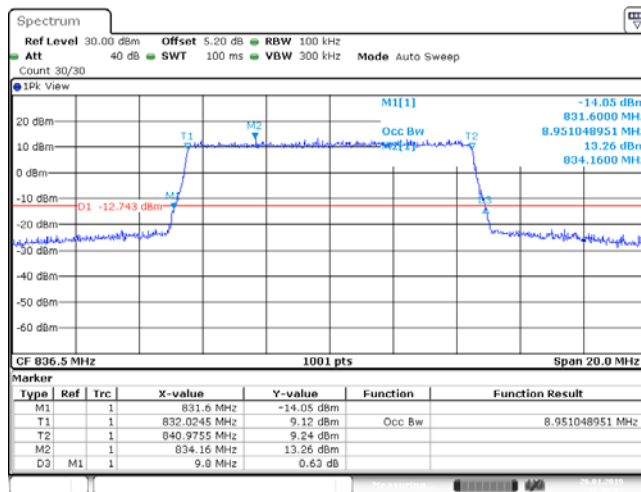
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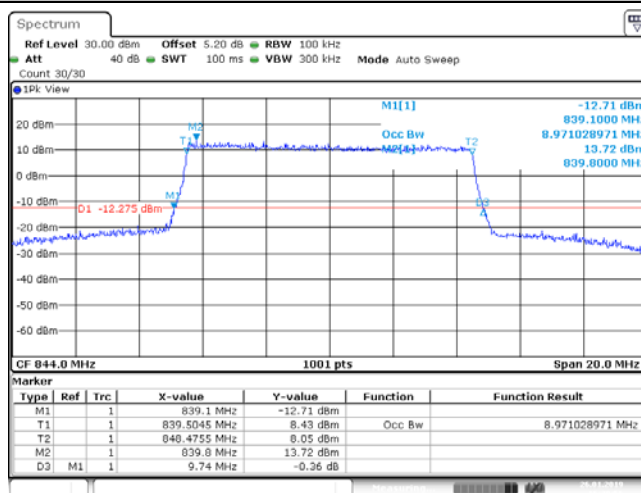
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Band5_10MHz_16QAM_20600_50RB#0



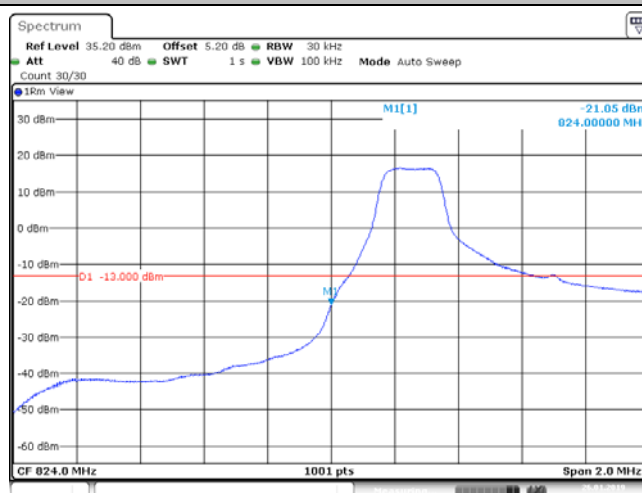
Date: 26 JAN 2019 16:30:56



5. Band Edge Compliance

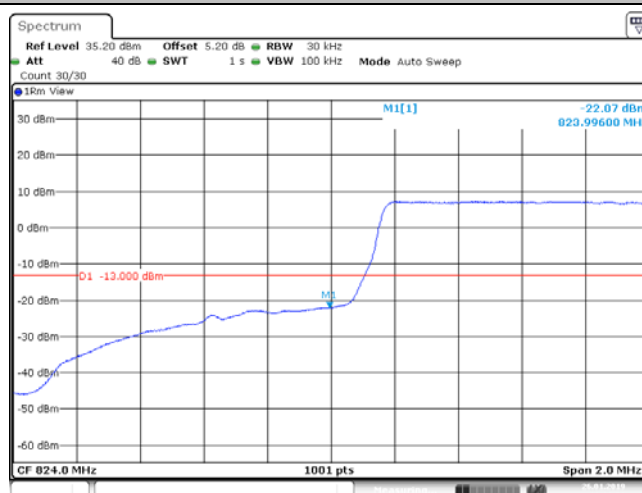
5.1. Test Plots

Band5_1.4MHz_QPSK_20407_1RB#0



Date: 26 JAN 2019 16:31:54

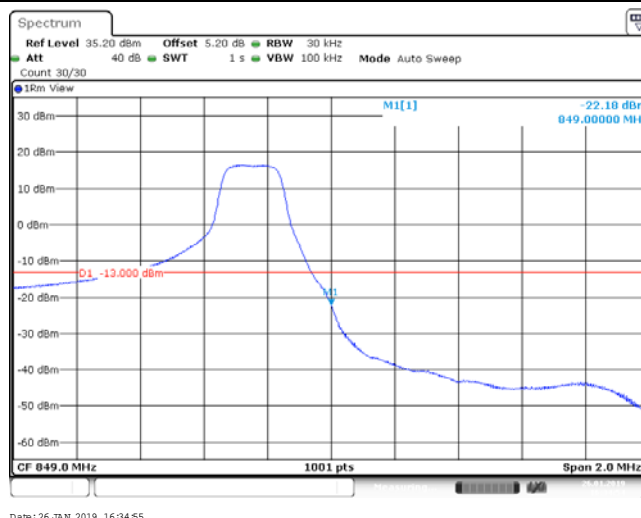
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Date: 26 JAN 2019 16:33:21

Band5_1.4MHz_QPSK_20643_1RB#5





Band5 1.4MHz QPSK 20643 6RB#0



Band5_1.4MHz_64QAM_20407_1RB#0

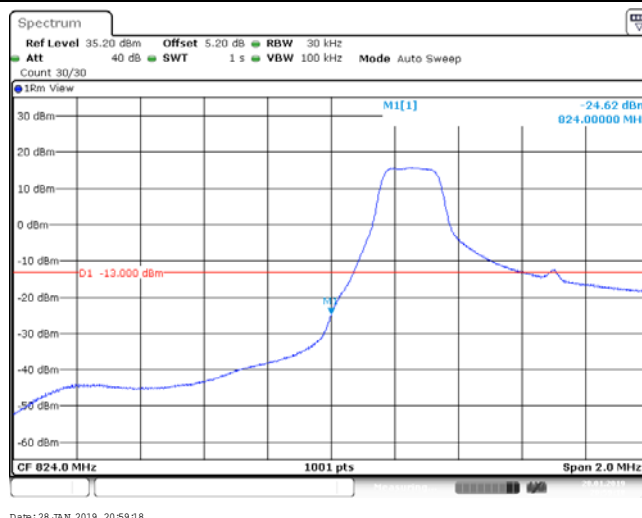


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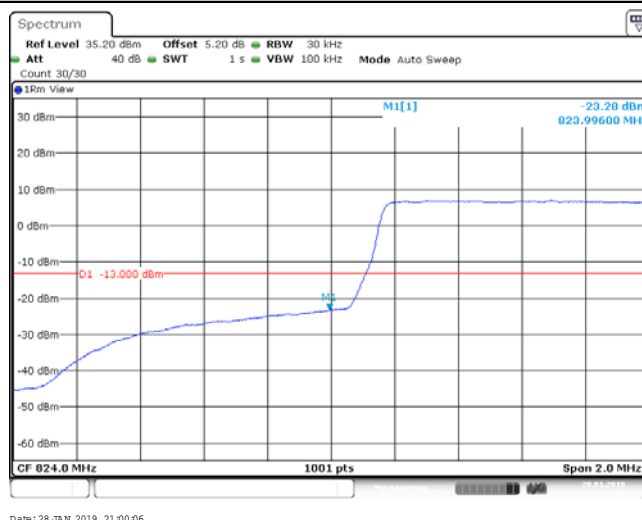
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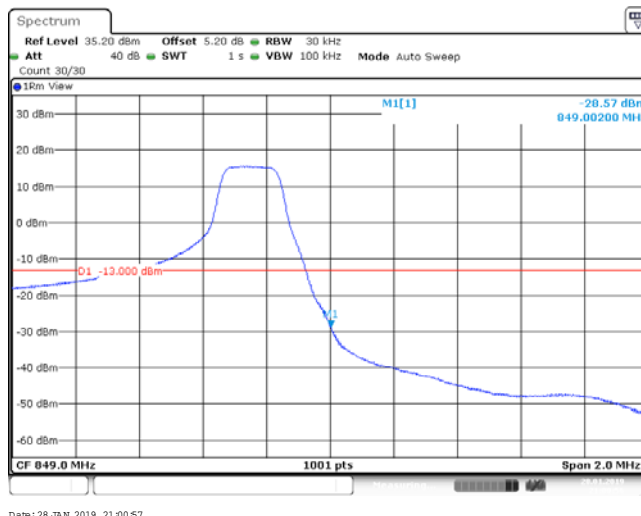


Band5_1.4MHz_64QAM_20407_6RB#0



Band5_1.4MHz_64QAM_20643_1RB#5



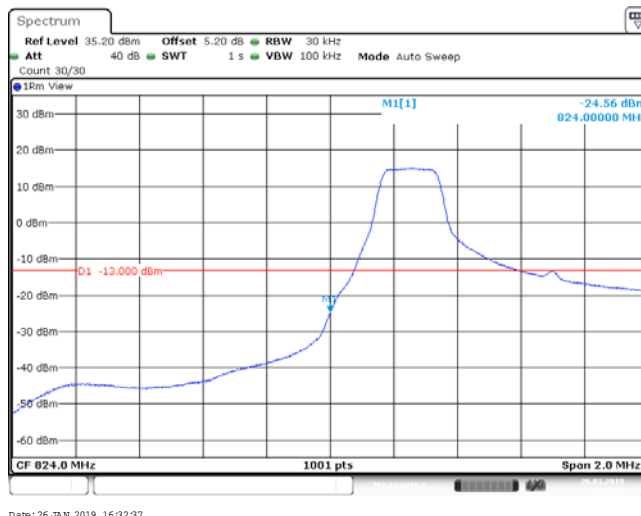


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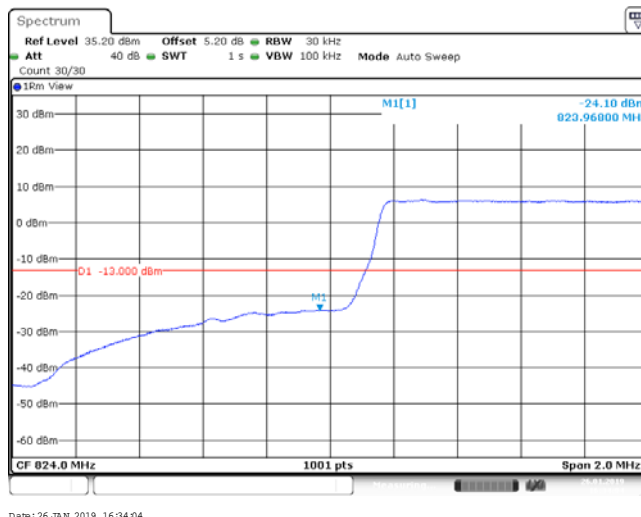
Band5_1.4MHz_16QAM_20407_1RB#0





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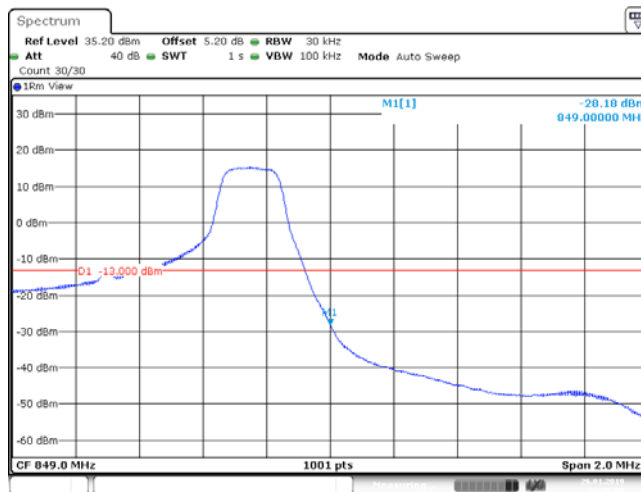
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Date: 26 JAN 2019 16:34:04

Band5_1.4MHz_16QAM_20643_1RB#5





Date: 26 JAN 2019 16:35:38

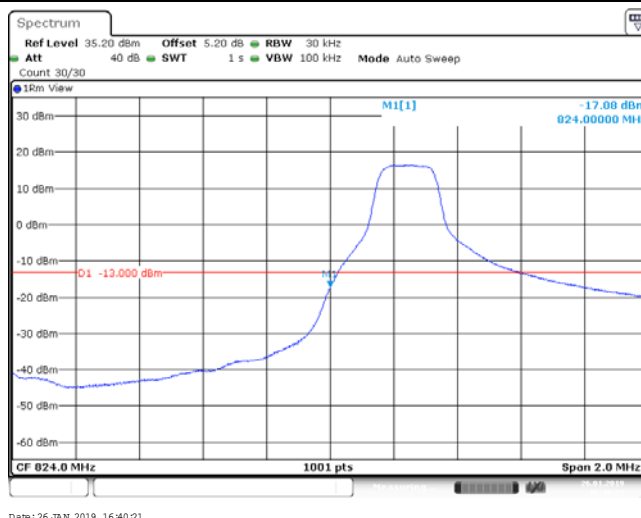
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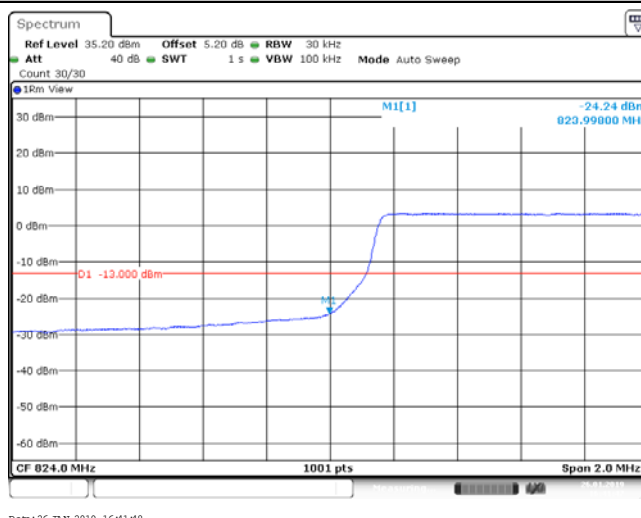
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Date: 26 JAN 2019 16:40:21

Band5_3MHz_QPSK_20415_15RB#0



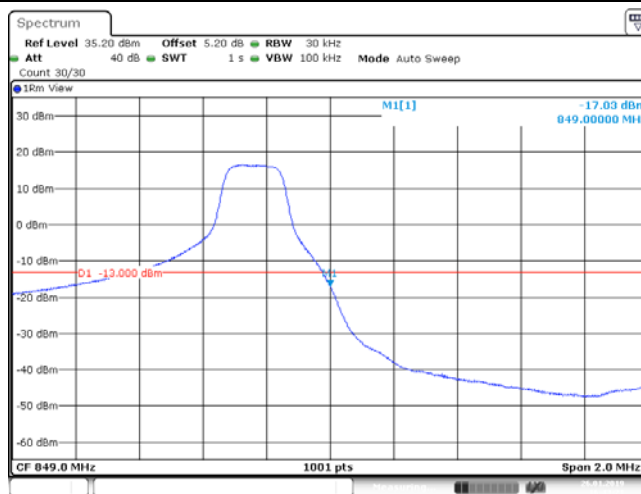
Date: 26 JAN 2019 16:41:48

Band5_3MHz_QPSK_20635_1RB#14



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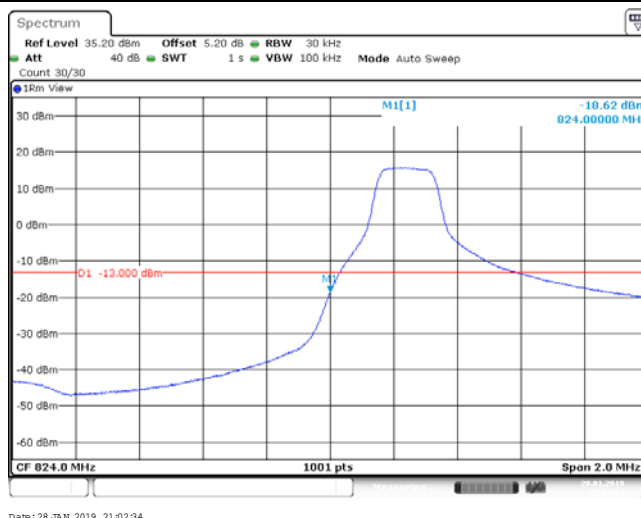
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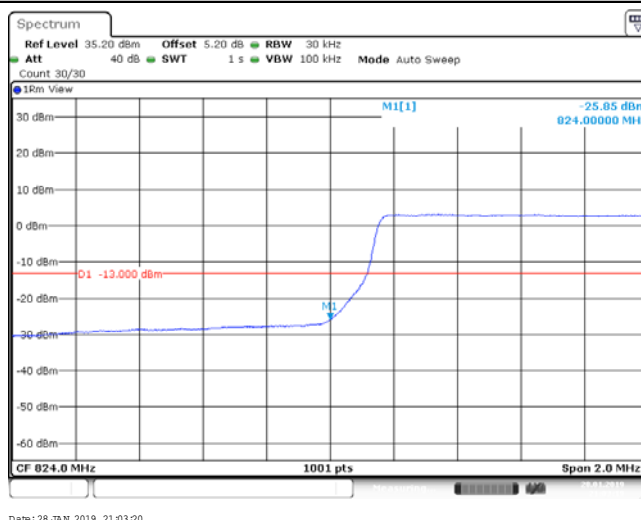
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Band5_3MHz_64QAM_20415_1RB#0





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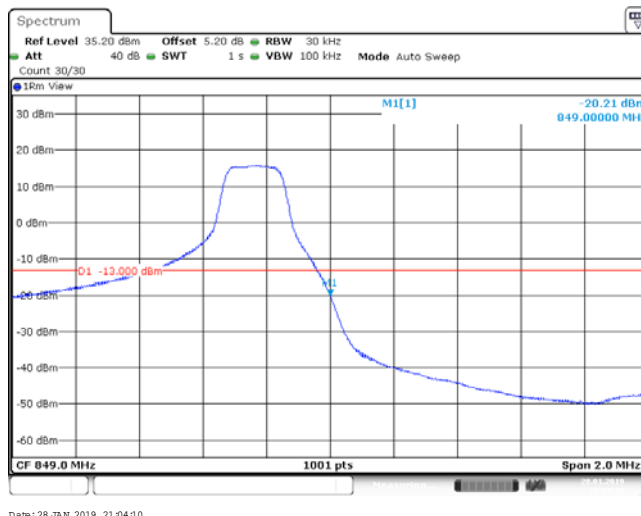


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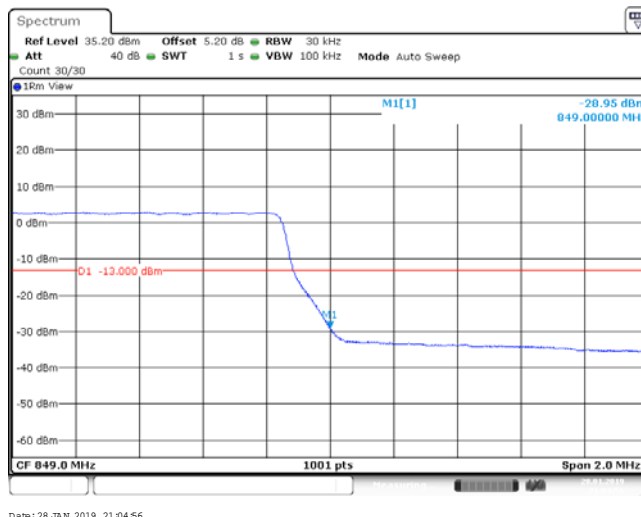


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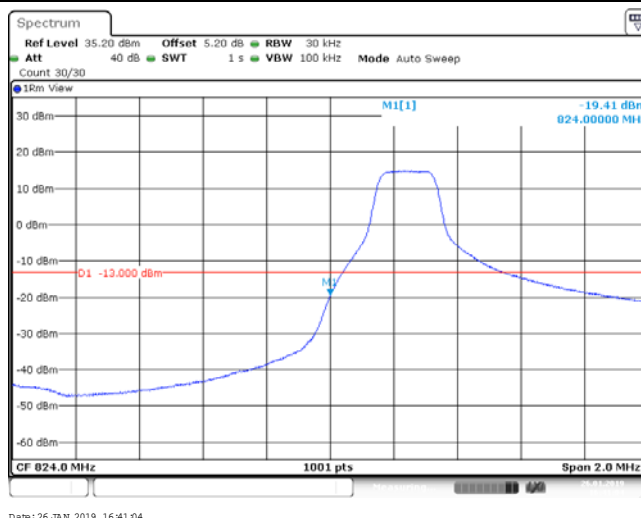


Band5_3MHz_64QAM_20635_15RB#0

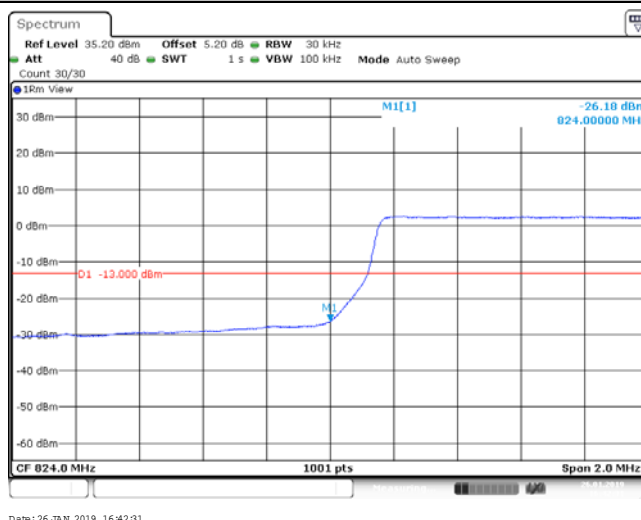


Band5_3MHz_16QAM_20415_1RB#0





Band5_3MHz_16QAM_20415_15RB#0

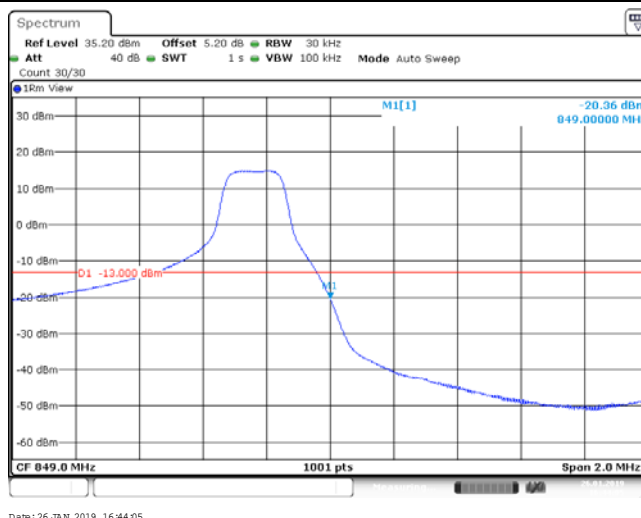


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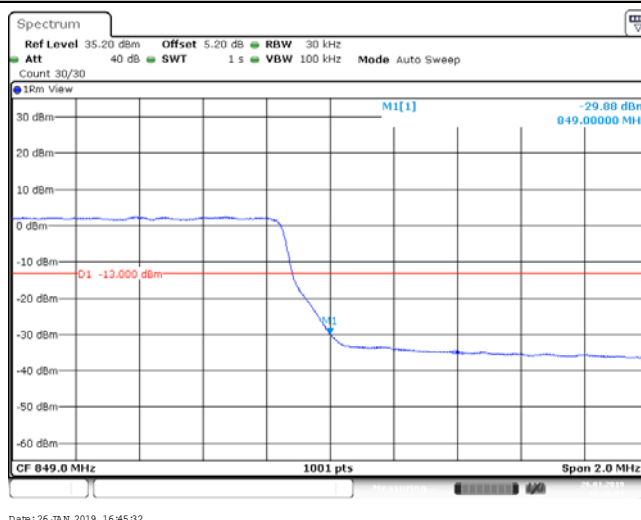


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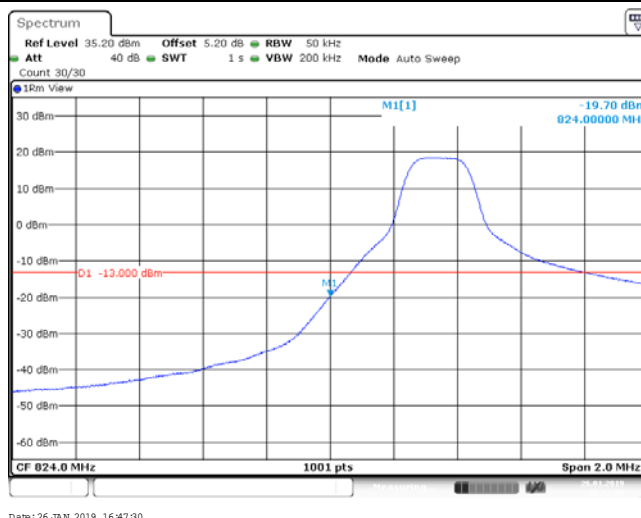


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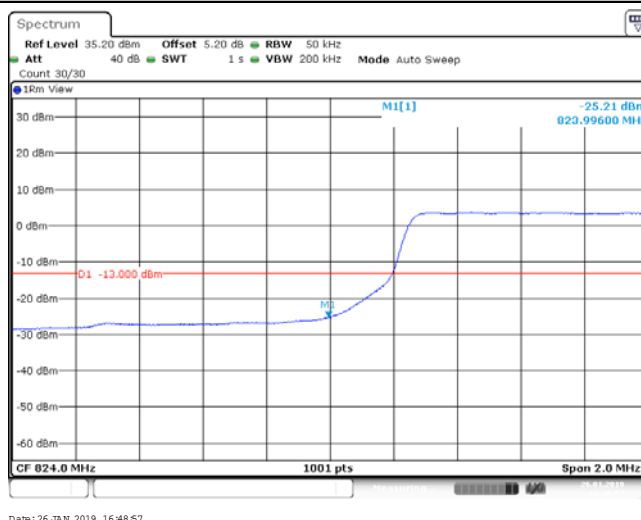


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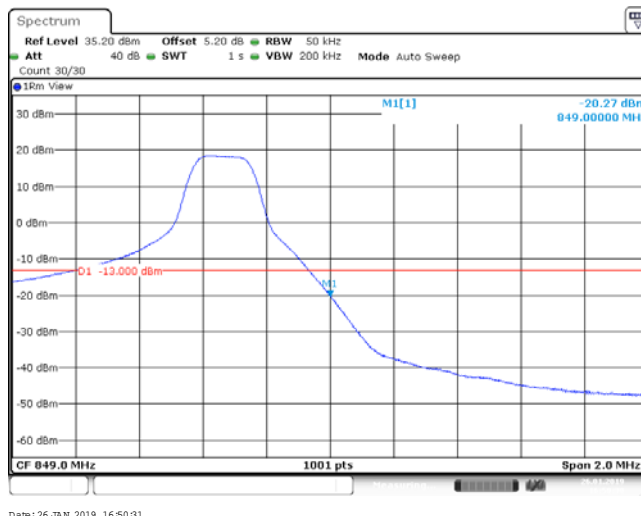


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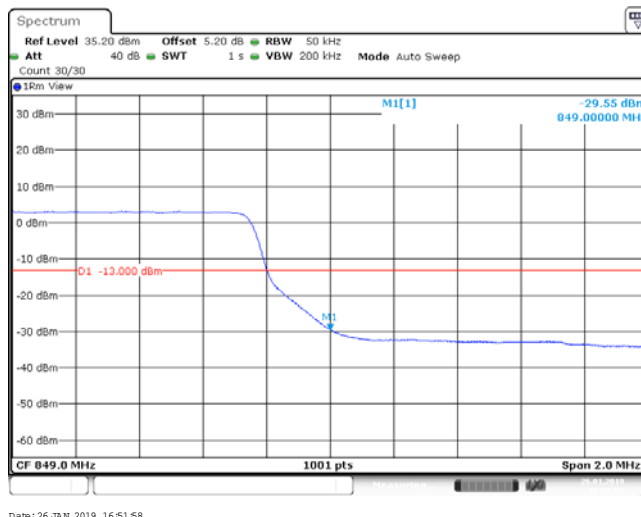


Band5_5MHz_QPSK_20625_1RB#24





Band5_5MHz_QPSK_20625_25RB#0



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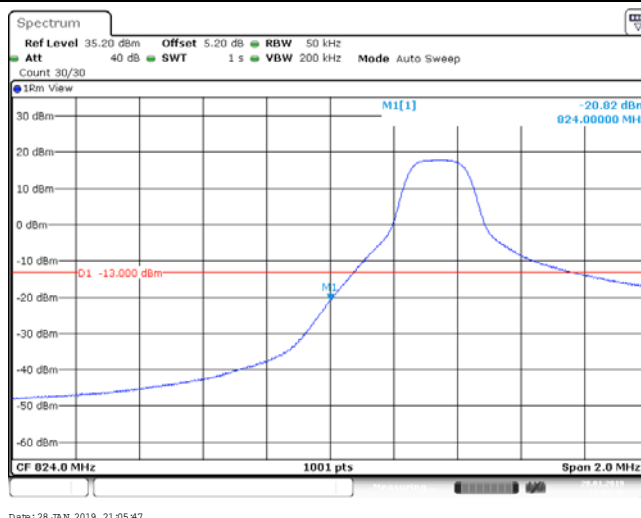


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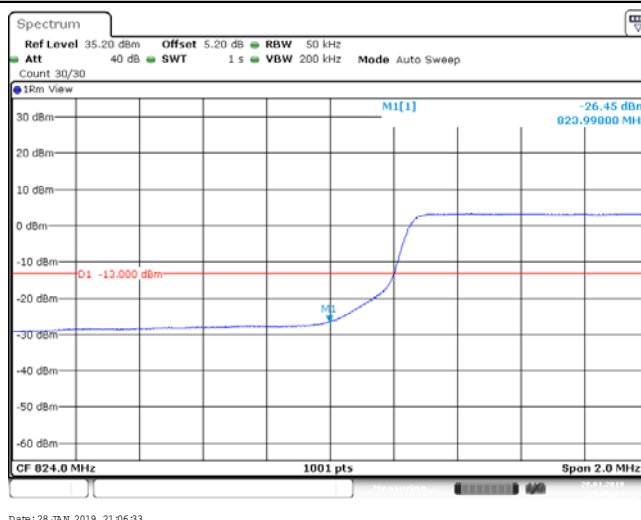
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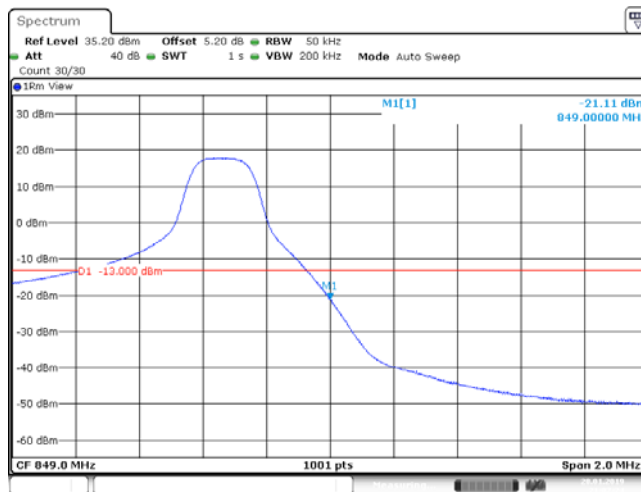


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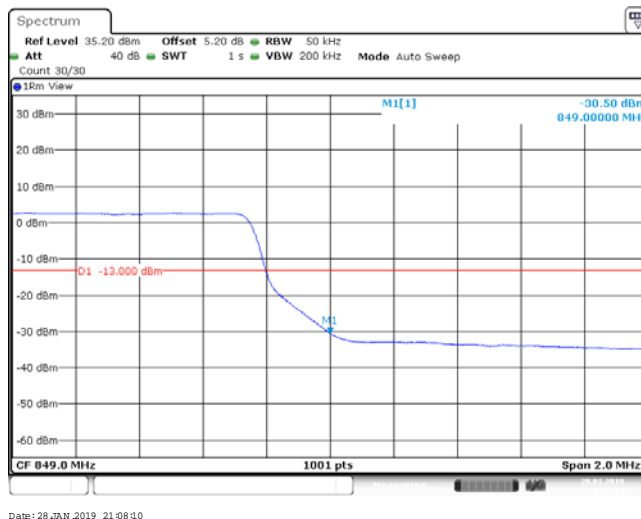


Band5_5MHz_64QAM_20625_1RB#24



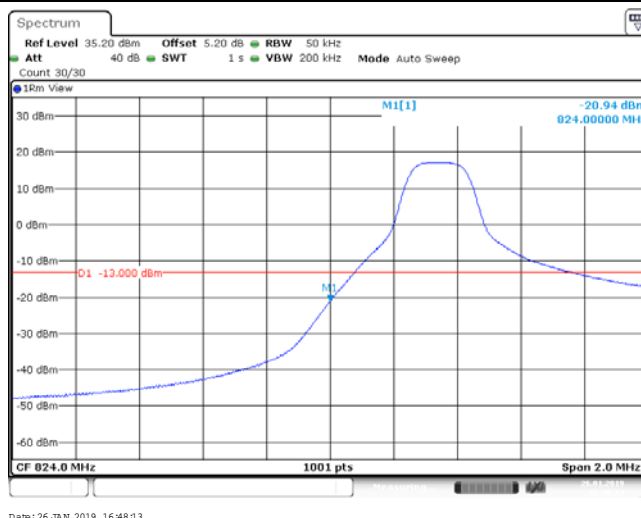


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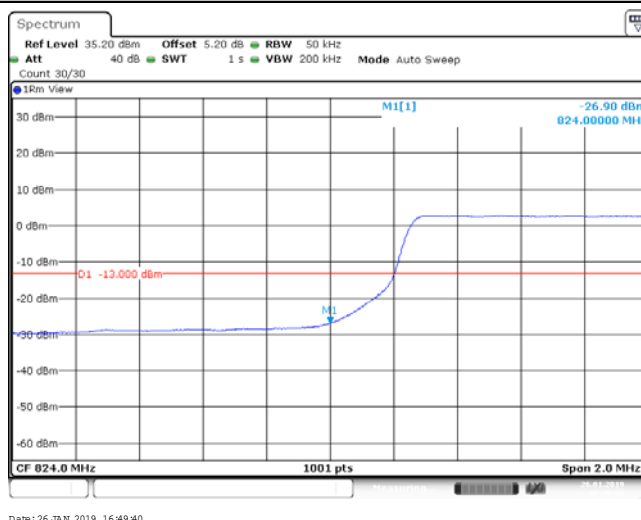


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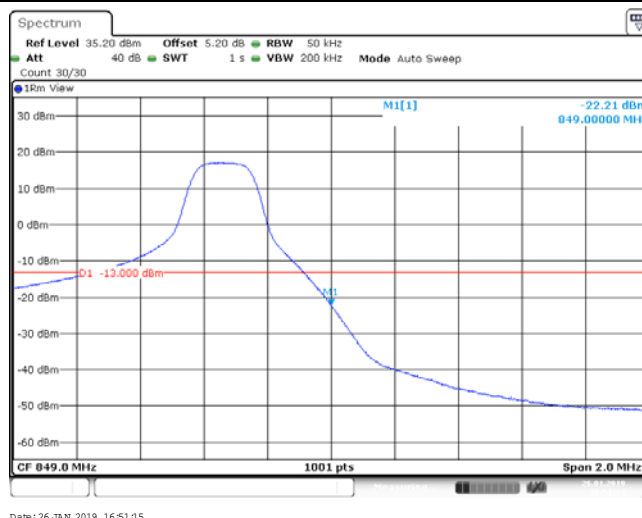


Band5_5MHz_16QAM_20425_25RB#0



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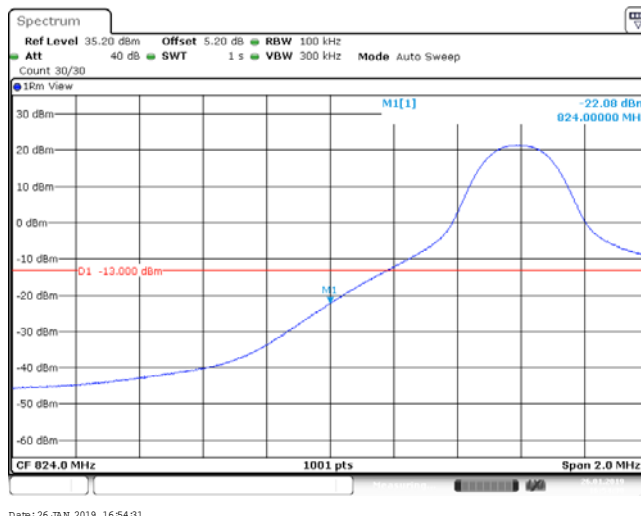


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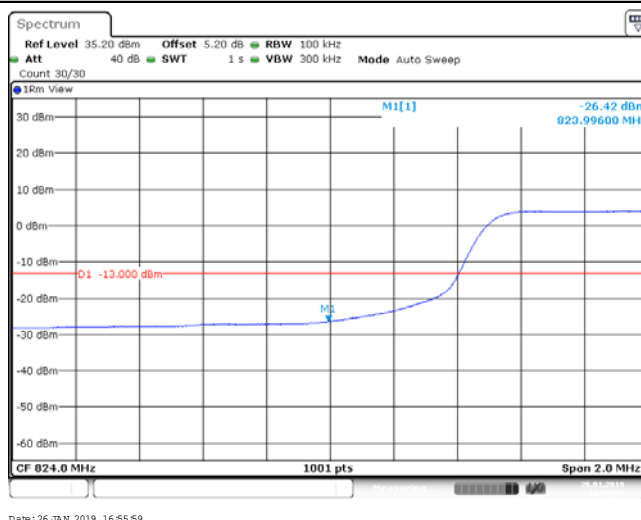


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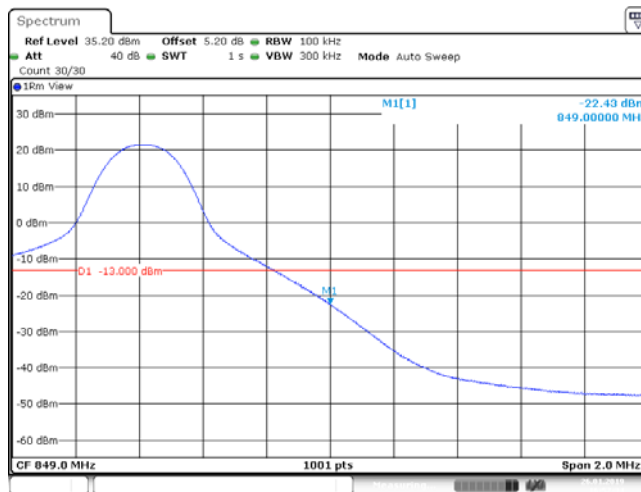


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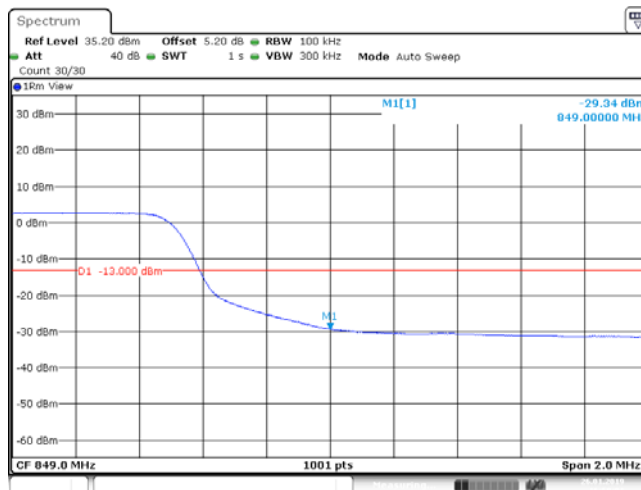
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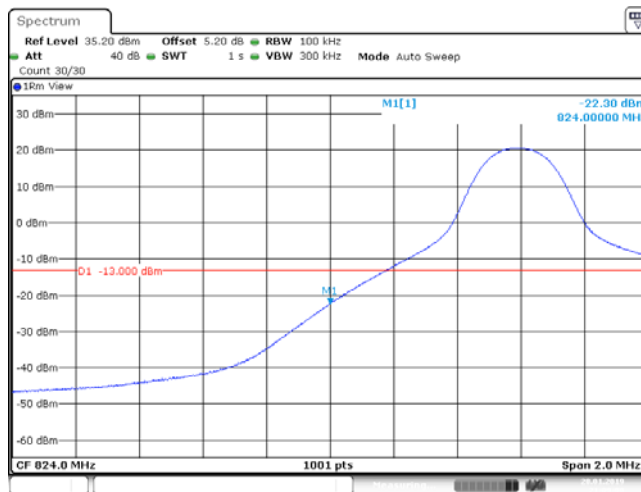
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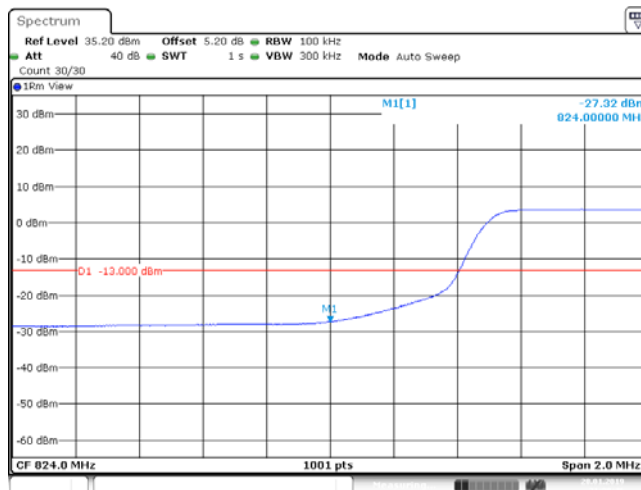
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Date: 28 JAN 2019 21:09:01

Band5_10MHz_64QAM_20450_50RB#0



Date: 28 JAN 2019 21:09:47

Band5_10MHz_64QAM_20600_1RB#49

