



Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1 Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.40	16.75	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.27	16.62	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.10	16.45	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.23	16.58	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.29	16.64	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.27	16.62	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.23	16.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.17	16.52	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.34	16.69	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.23	16.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.23	16.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.34	16.69	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.21	16.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.16	16.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.37	16.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.42	16.77	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.29	16.64	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.33	16.68	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.40	16.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.30	16.65	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.28	16.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.38	16.73	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.53	16.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.34	16.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.33	16.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.40	16.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.46	16.81	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.32	15.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.32	16.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.58	16.93	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.47	16.82	38.45	PASS



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Band5	1.4MHz	16QAM	20525	3RB#0	23.27	16.62	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.38	16.73	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.39	16.74	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.40	15.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.63	16.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.63	16.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.37	16.72	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.42	16.77	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.48	16.83	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.47	16.82	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.39	15.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.31	15.66	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.07	15.42	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.70	15.05	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	22.01	15.36	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.97	15.32	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.80	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.87	14.22	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.91	15.26	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.88	15.23	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.94	15.29	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.99	15.34	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	22.01	15.36	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.90	15.25	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.97	14.32	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.76	15.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.02	15.37	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.96	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	22.05	15.4	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.98	15.33	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.99	15.34	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.95	14.3	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.23	16.58	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.94	16.29	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.38	16.73	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.24	16.59	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.24	16.59	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.24	16.59	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	23.20	16.55	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.26	16.61	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.17	16.52	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.25	16.6	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.18	16.53	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.31	16.66	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.24	16.59	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.27	16.62	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.35	16.7	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.46	16.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.26	16.61	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.30	16.65	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.36	16.71	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.32	16.67	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.35	16.7	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.35	16.7	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.36	16.71	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.59	16.94	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.37	15.72	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.19	15.54	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.25	15.6	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.14	15.49	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.47	16.82	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.54	16.89	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.53	16.88	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.20	15.55	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.38	15.73	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.31	15.66	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.34	15.69	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.58	16.93	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.58	16.93	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.57	16.92	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.43	15.78	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.27	15.62	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.37	15.72	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.27	15.62	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.14	15.49	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.82	15.17	38.45	PASS



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Band5	3MHz	64QAM	20415	1RB#14	22.21	15.56	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.88	14.23	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.82	14.17	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.77	14.12	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.76	14.11	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.92	15.27	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.01	15.36	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.94	15.29	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.84	14.19	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.83	14.18	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.82	14.17	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.82	14.17	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.13	15.48	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.98	15.33	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.89	15.24	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.87	14.22	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.86	14.21	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.92	14.27	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.81	14.16	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.37	16.72	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.16	16.51	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.25	16.6	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.20	16.55	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.26	16.61	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.14	16.49	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.32	16.67	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.35	16.7	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.16	16.51	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.81	16.16	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.30	16.65	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.26	16.61	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.20	16.55	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.27	16.62	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.33	16.68	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.41	16.76	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.34	16.69	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.39	16.74	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.40	16.75	38.45	PASS



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Band5	5MHz	QPSK	20625	12RB#13	23.37	16.72	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.34	16.69	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.46	16.81	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.31	16.66	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.35	16.7	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.26	15.61	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.32	15.67	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.32	15.67	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.26	15.61	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.43	16.78	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.58	16.93	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.63	16.98	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.36	15.71	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.32	15.67	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.27	15.62	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.33	15.68	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.69	17.04	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.54	16.89	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.54	16.89	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.52	15.87	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.40	15.75	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.41	15.76	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.45	15.8	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.02	15.37	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.90	15.25	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.91	15.26	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.91	14.26	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.88	14.23	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.89	14.24	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.84	14.19	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.16	15.51	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.81	15.16	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.01	15.36	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.97	14.32	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.90	14.25	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.88	14.23	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.93	14.28	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.12	15.47	38.45	PASS



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Band5	5MHz	64QAM	20625	1RB#12	22.07	15.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.17	15.52	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.04	14.39	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.92	14.27	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.91	14.26	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.88	14.23	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.34	16.69	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.62	16.97	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.47	16.82	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.38	16.73	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.33	16.68	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.29	16.64	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.20	16.55	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.49	16.84	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.24	16.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.35	15.7	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.75	17.1	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.43	16.78	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.26	16.61	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.33	16.68	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.37	16.72	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.31	16.66	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.65	17	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.28	16.63	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.40	16.75	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.40	16.75	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.65	17	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.59	16.94	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.54	16.89	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.76	17.11	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.20	15.55	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.26	15.61	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.19	15.54	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.27	15.62	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.63	16.98	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.36	16.71	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.50	16.85	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.23	15.58	38.45	PASS



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Band5	10MHz	16QAM	20525	25RB#12	22.35	15.7	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.38	15.73	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.40	15.75	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.65	17	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.63	16.98	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.89	17.24	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.32	15.67	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.35	15.7	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.45	15.8	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.38	15.73	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.24	15.59	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.17	15.52	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.75	15.1	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.92	14.27	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.94	14.29	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.03	14.38	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.91	14.26	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.26	15.61	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.02	15.37	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.52	14.87	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.89	14.24	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.93	14.28	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.03	14.38	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.98	14.33	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.31	15.66	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.16	15.51	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.94	15.29	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.92	14.27	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	21.00	14.35	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.99	14.34	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.96	14.31	38.45	PASS



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ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.05	16.4	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.82	16.17	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.89	16.24	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.95	16.3	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.91	16.26	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.84	16.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.80	16.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.01	16.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.80	16.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.85	16.2	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.80	16.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.91	16.26	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.88	16.23	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.83	16.18	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.96	16.31	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.90	16.25	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.78	16.13	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.84	16.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.98	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.80	16.15	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.81	16.16	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.75	16.1	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.95	16.3	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.86	16.21	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.84	16.19	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.87	16.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.80	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.03	15.38	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.85	16.2	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.91	16.26	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.08	16.43	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.79	16.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.86	16.21	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.93	16.28	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.77	15.12	38.45	PASS



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Band5	1.4MHz	16QAM	20643	1RB#0	23.00	16.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.04	16.39	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.01	16.36	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.91	16.26	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.05	16.4	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.85	16.2	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.87	15.22	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.75	15.1	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.90	15.25	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.81	15.16	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.80	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.87	15.22	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.80	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.00	14.35	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.81	15.16	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.88	15.23	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.05	15.4	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.75	15.1	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.86	15.21	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.91	15.26	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.74	14.09	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.97	15.32	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.00	15.35	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.98	15.33	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.86	15.21	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.02	15.37	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.84	15.19	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.85	14.2	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.87	16.22	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.76	16.11	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.83	16.18	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.89	16.24	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.88	16.23	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.83	16.18	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.87	16.22	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.87	16.22	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.02	16.37	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.74	16.09	38.45	PASS



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Band5	3MHz	QPSK	20525	8RB#0	22.87	16.22	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.86	16.21	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.86	16.21	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.85	16.2	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.96	16.31	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.98	16.33	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.79	16.14	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.94	16.29	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.89	16.24	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.94	16.29	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.91	16.26	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.75	16.1	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.96	16.31	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.97	16.32	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.89	15.24	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.98	15.33	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.87	15.22	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.80	15.15	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.95	16.3	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.96	16.31	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.94	16.29	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.95	15.3	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.88	15.23	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.96	15.31	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.92	15.27	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.71	16.06	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.71	16.06	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.95	16.3	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.10	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.97	15.32	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.99	15.34	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.84	15.19	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.75	15.1	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.94	15.29	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.92	15.27	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.84	14.19	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.95	14.3	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.84	14.19	38.45	PASS



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Band5	3MHz	64QAM	20415	15RB#0	20.80	14.15	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.90	15.25	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.95	15.3	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.89	15.24	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.93	14.28	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.87	14.22	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.95	14.3	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.90	14.25	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.66	15.01	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.67	15.02	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.94	15.29	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	21.10	14.45	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.94	14.29	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.98	14.33	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.83	14.18	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.92	16.27	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.87	16.22	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.95	16.3	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.97	16.32	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.89	16.24	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.92	16.27	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.83	16.18	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.03	16.38	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.87	16.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.82	16.17	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.88	16.23	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.95	16.3	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.90	16.25	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.86	16.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.01	16.36	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.86	16.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.94	16.29	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.91	16.26	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.98	16.33	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.97	16.32	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.02	16.37	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.75	16.1	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.75	16.1	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#24	22.66	16.01	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.89	15.24	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.87	15.22	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.81	15.16	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.93	15.28	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.74	16.09	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.99	16.34	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.74	16.09	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.79	15.14	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.98	15.33	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.85	15.2	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.90	15.25	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.66	16.01	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.71	16.06	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.63	15.98	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.82	15.17	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.09	15.44	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.95	15.3	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.11	15.46	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.74	15.09	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.95	15.3	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.93	15.28	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.88	14.23	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.96	14.31	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.84	14.19	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.76	14.11	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.90	15.25	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.92	15.27	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.91	15.26	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.93	14.28	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.88	14.23	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.92	14.27	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.90	14.25	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.70	15.05	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.69	15.04	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.95	15.3	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.06	14.41	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.93	14.28	38.45	PASS



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Band5	5MHz	64QAM	20625	12RB#13	20.98	14.33	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.79	14.14	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.95	16.3	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.07	16.42	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.06	16.41	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.84	16.19	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.95	16.3	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.86	16.21	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.91	16.26	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.03	16.38	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.09	16.44	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.61	15.96	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.07	16.42	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.92	16.27	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.00	16.35	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.96	16.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.01	16.36	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.04	16.39	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.90	16.25	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.95	16.3	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.90	16.25	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.97	16.32	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.93	16.28	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.97	16.32	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.86	16.21	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.75	16.1	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.98	15.33	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.09	15.44	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.89	15.24	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.95	15.3	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.75	16.1	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.00	16.35	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.68	16.03	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.89	15.24	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.97	15.32	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.89	15.24	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.99	15.34	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.90	16.25	38.45	PASS



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Band5	10MHz	16QAM	20600	1RB#24	22.75	16.1	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.74	16.09	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.93	15.28	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.98	15.33	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.06	15.41	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.99	15.34	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.72	15.07	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.93	15.28	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.93	15.28	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.86	14.21	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.93	14.28	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.87	14.22	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.78	14.13	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.94	15.29	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.93	15.28	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.92	15.27	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.92	14.27	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.83	14.18	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.96	14.31	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.91	14.26	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.69	15.04	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.70	15.05	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.90	15.25	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.07	14.42	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.97	14.32	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.94	14.29	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.84	14.19	38.45	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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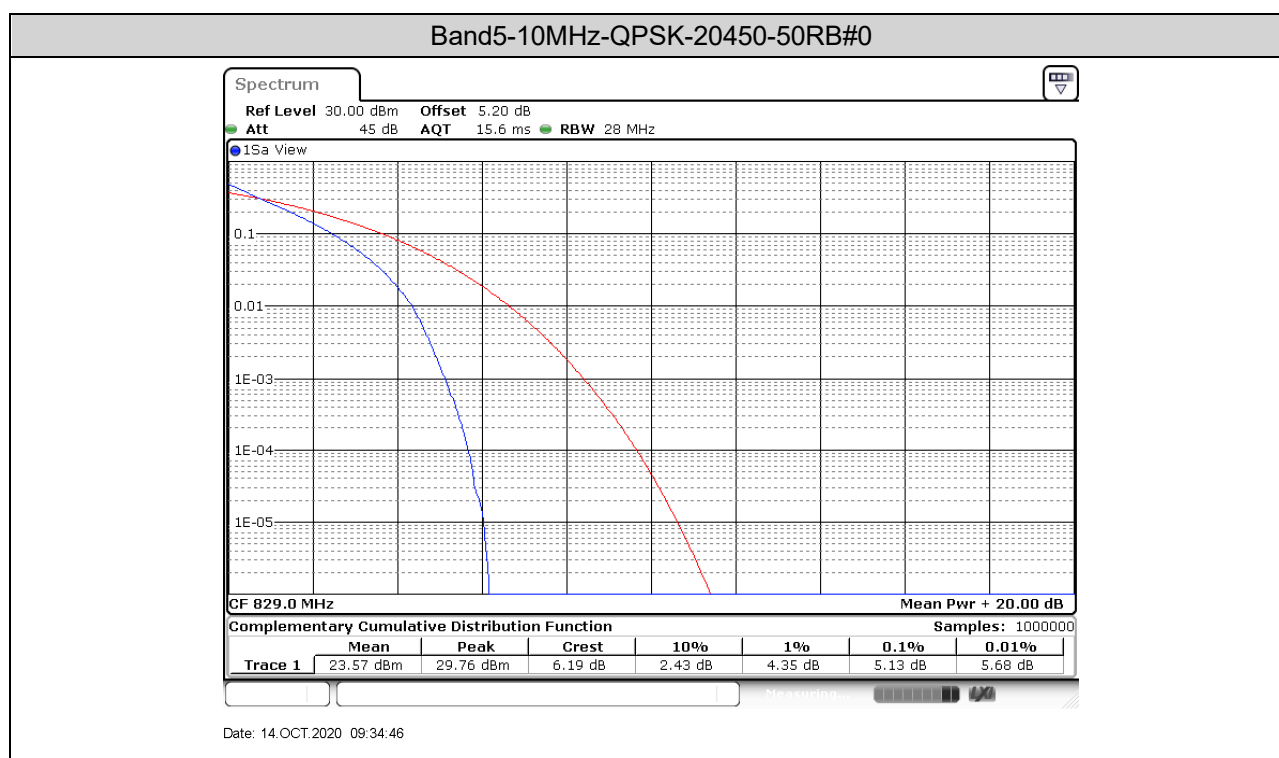


2 Peak-to-Average Ratio (CCDF)

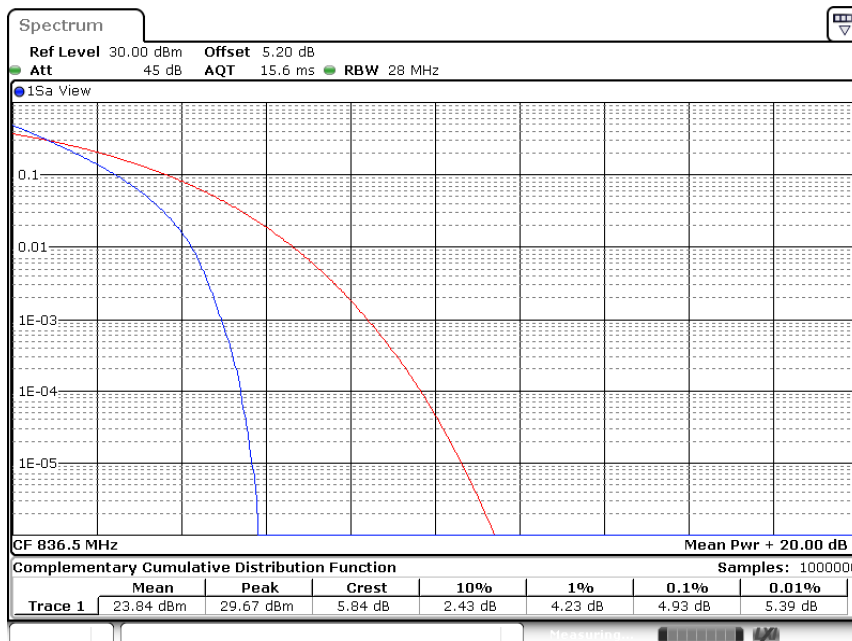
2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.13	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.93	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.77	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.88	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.46	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.41	13	PASS

2.2 Test Plots

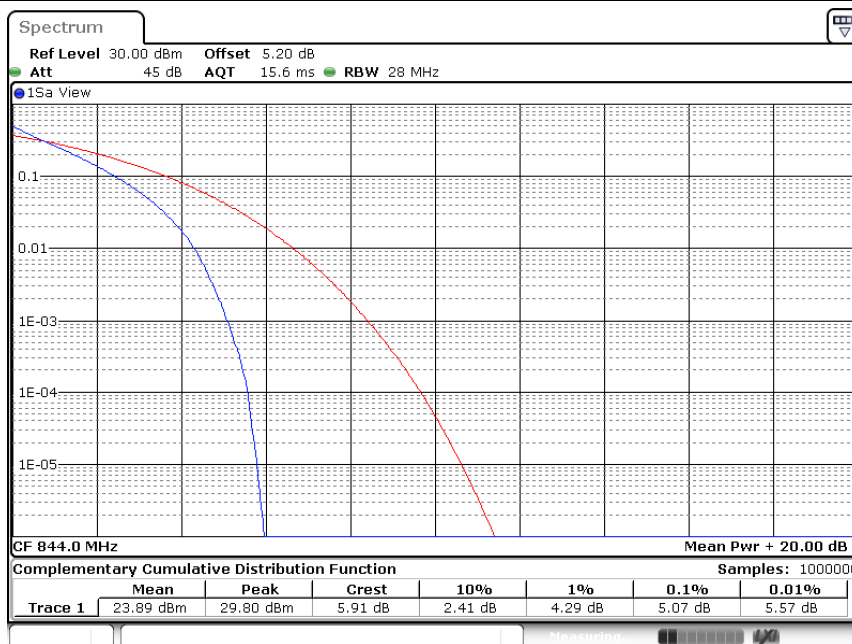


Band5-10MHz-QPSK-20525-50RB#0



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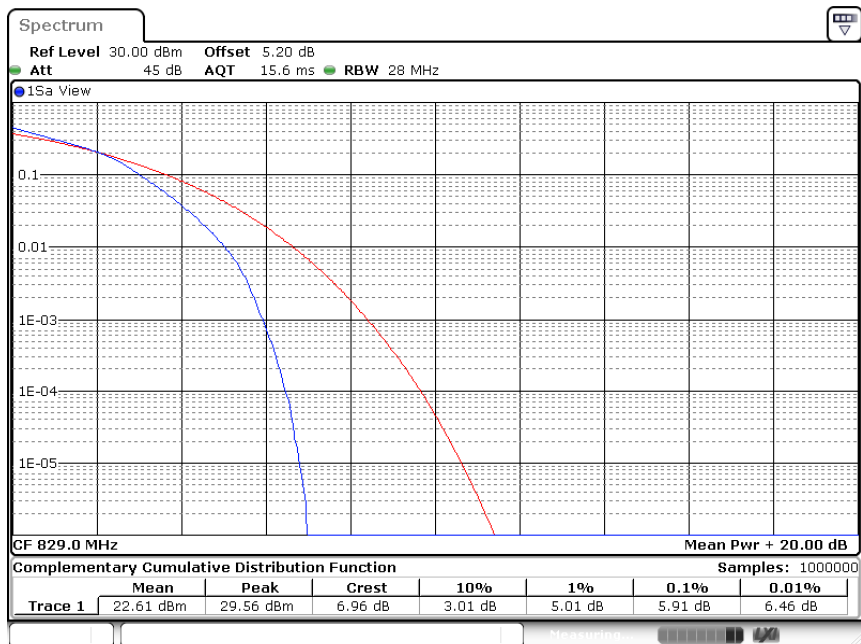
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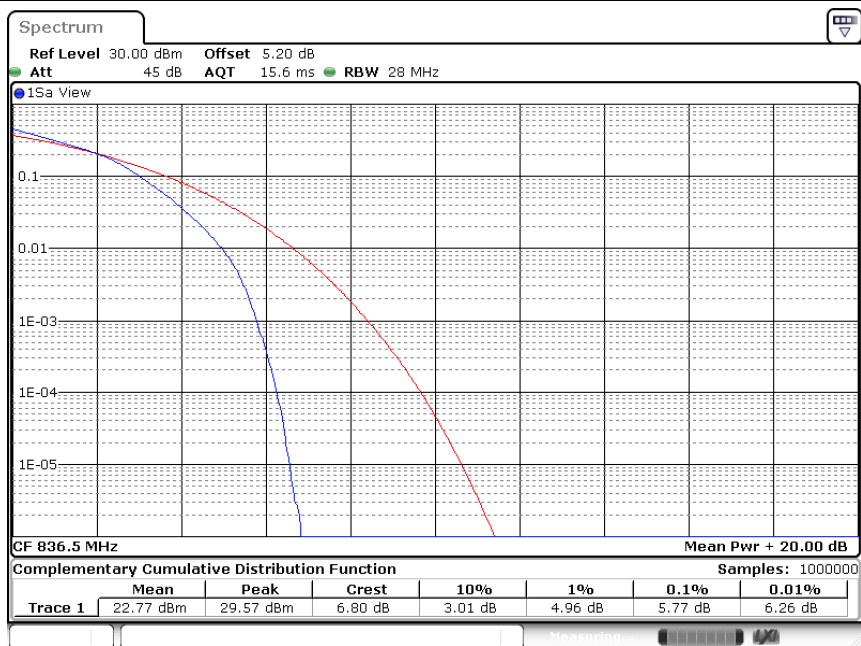


Band5-10MHz-16QAM-20450-50RB#0



Date: 14.OCT.2020 09:35:00

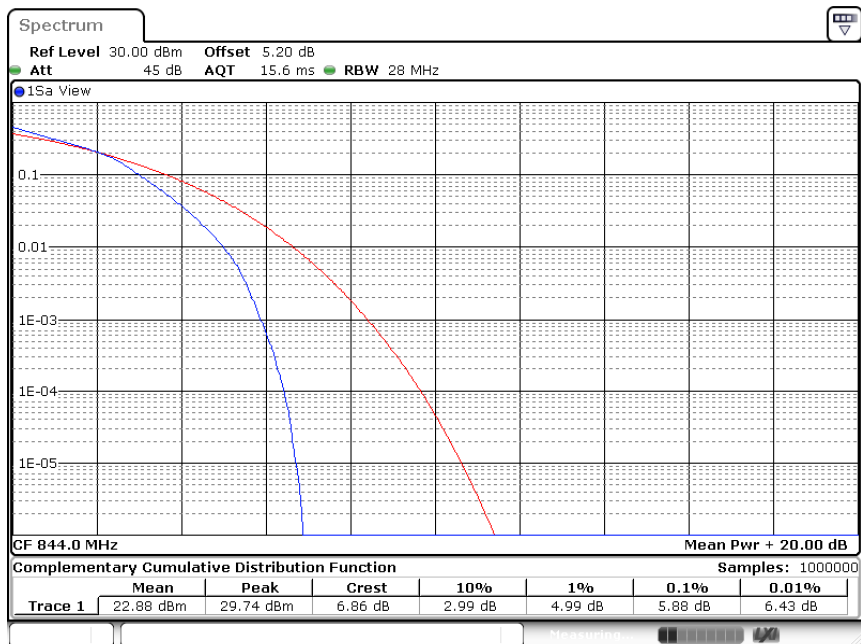
Band5-10MHz-16QAM-20525-50RB#0



Date: 14.OCT.2020 09:35:29

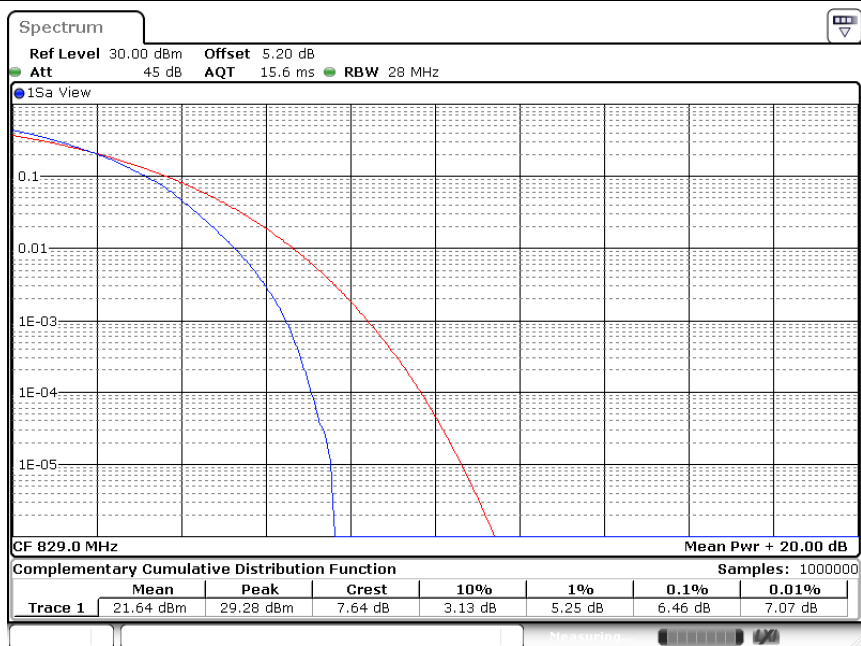


Band5-10MHz-16QAM-20600-50RB#0



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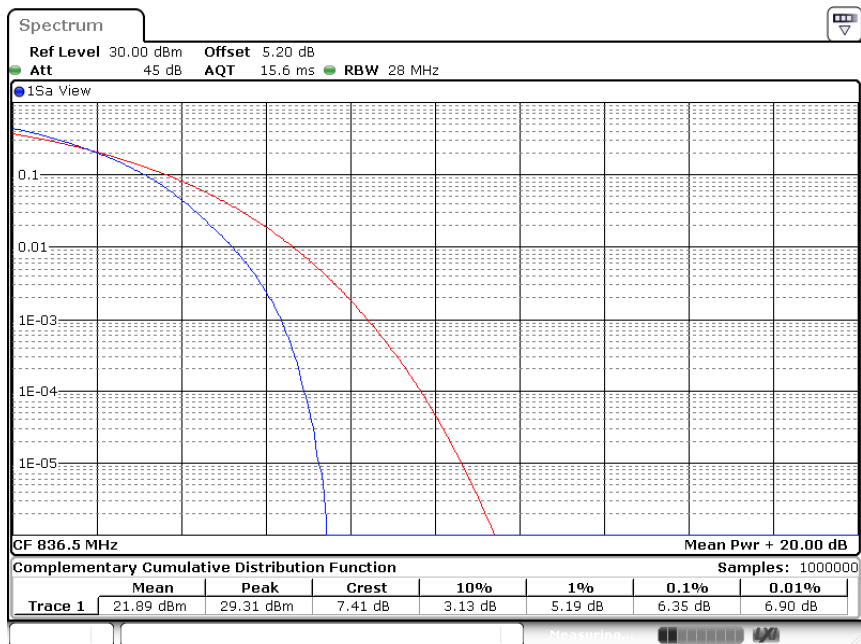
Band5-10MHz-64QAM-20450-50RB#0



Date: 14.OCT.2020 11:10:59



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



Date: 14.OCT.2020 11:11:14

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



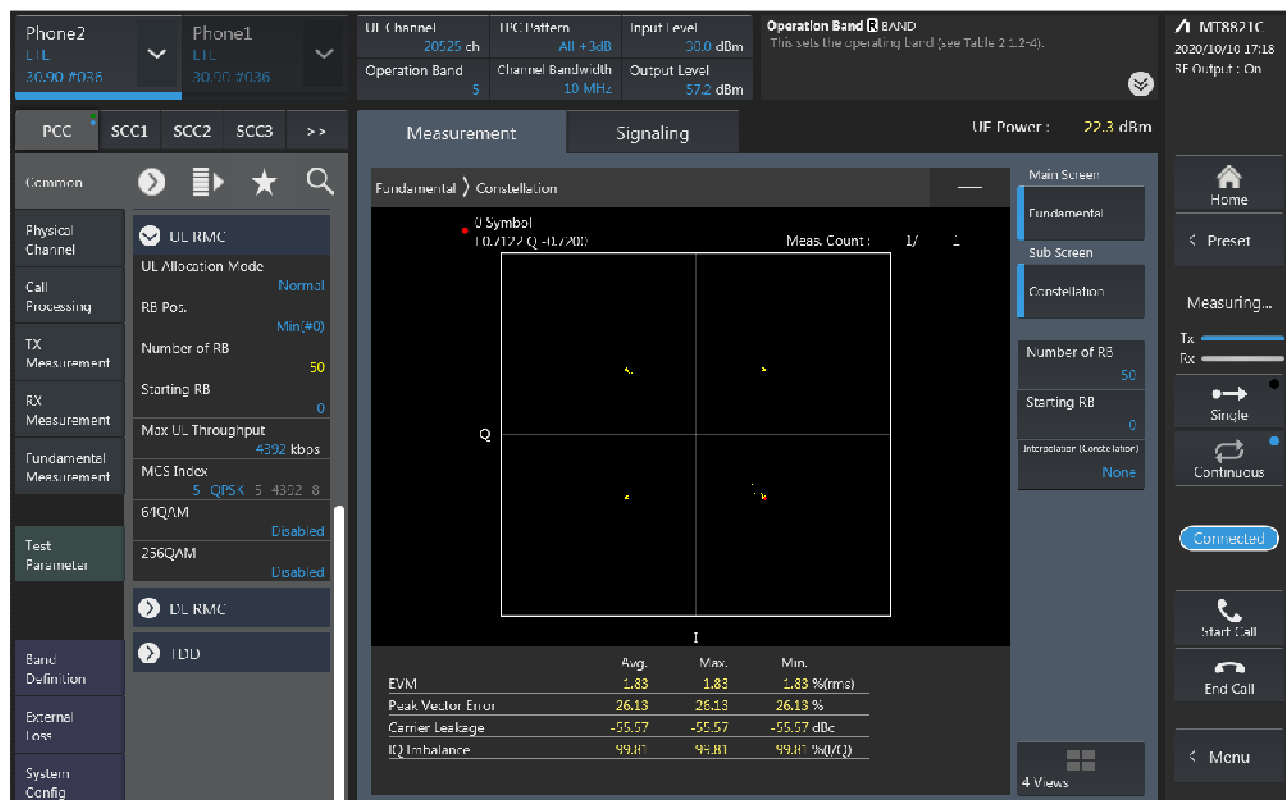
Date: 14.OCT.2020 11:11:29



3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

3.1.1 Test Channel = MCH



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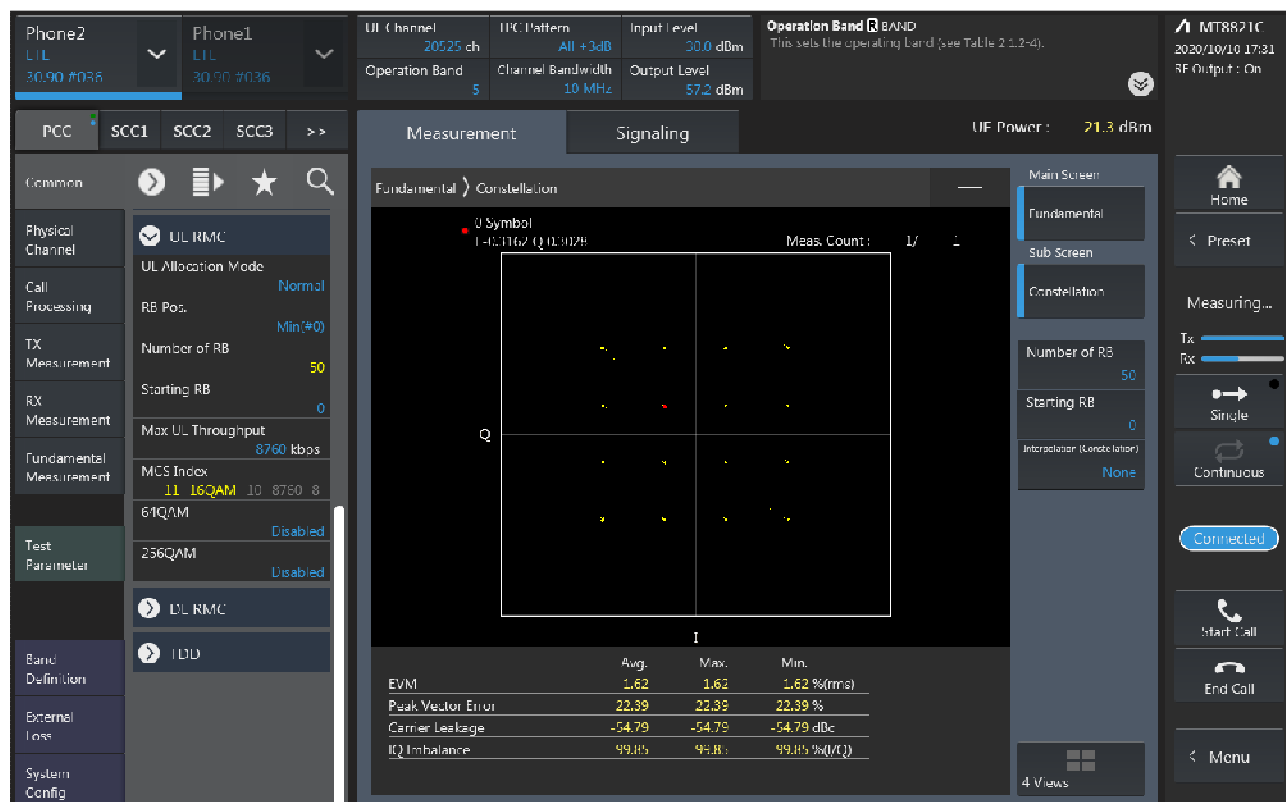
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3.2 Test Mode = LTE /TM2 10MHz

3.2.1 Test Channel = MCH



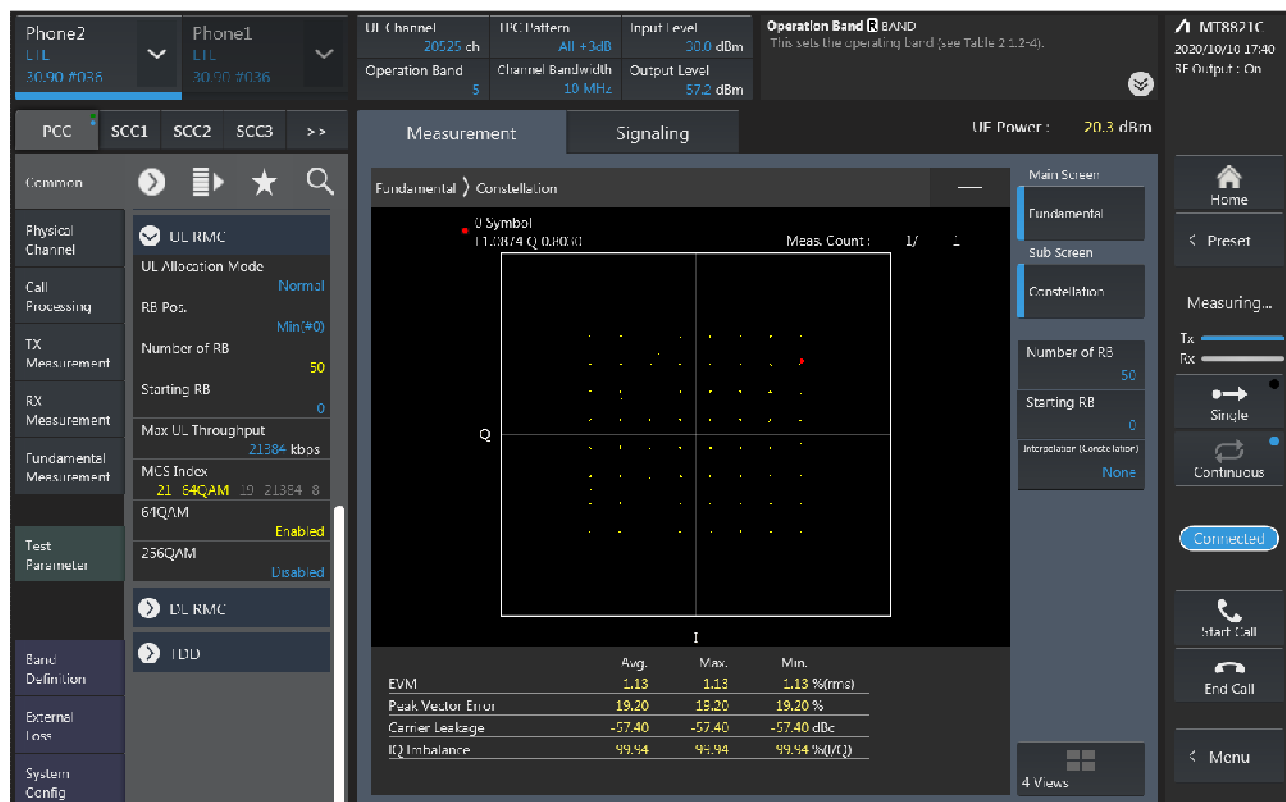
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3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH



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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	1.094	1.290	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.091	1.293	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.284	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.091	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.284	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.290	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.097	1.293	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.097	1.293	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.097	1.290	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	2.994	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	2.994	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	3.000	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.976	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.952	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.976	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.898	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	2.976	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.988	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.940	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.910	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.940	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.960	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.486	4.950	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.950	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.900	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.920	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.760	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.760	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.931	9.800	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.740	PASS



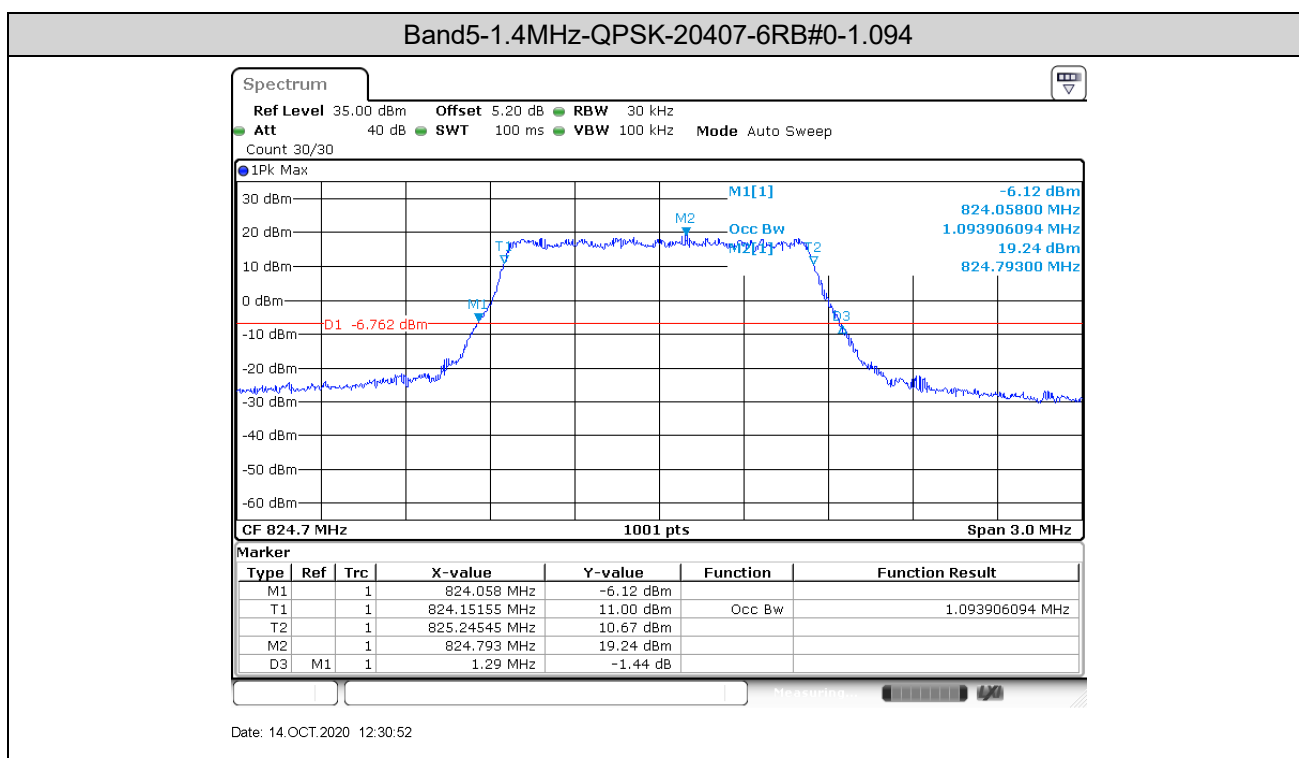
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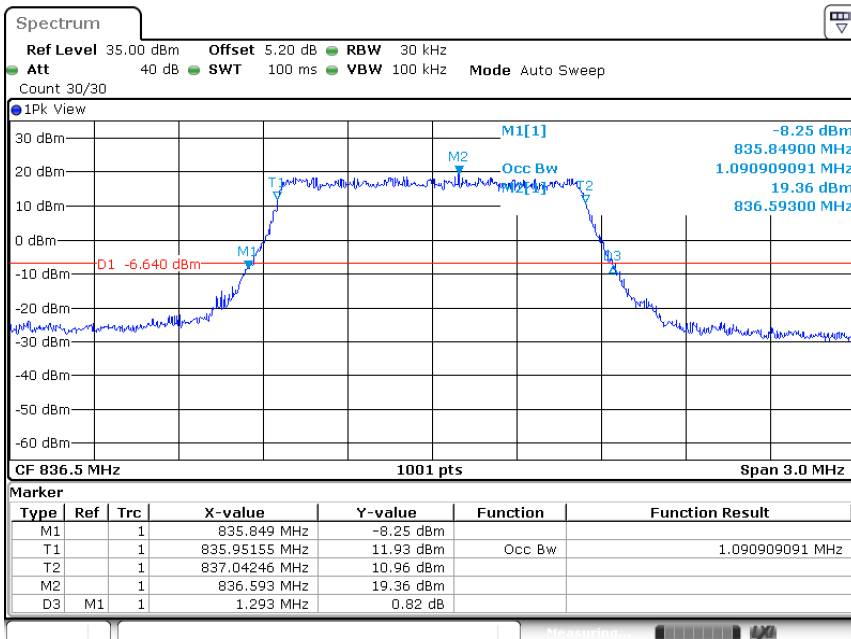
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Band5	10MHz	16QAM	20525	50RB#0	8.931	9.780	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.760	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.680	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.931	9.660	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.760	PASS

4.2 Test Plots

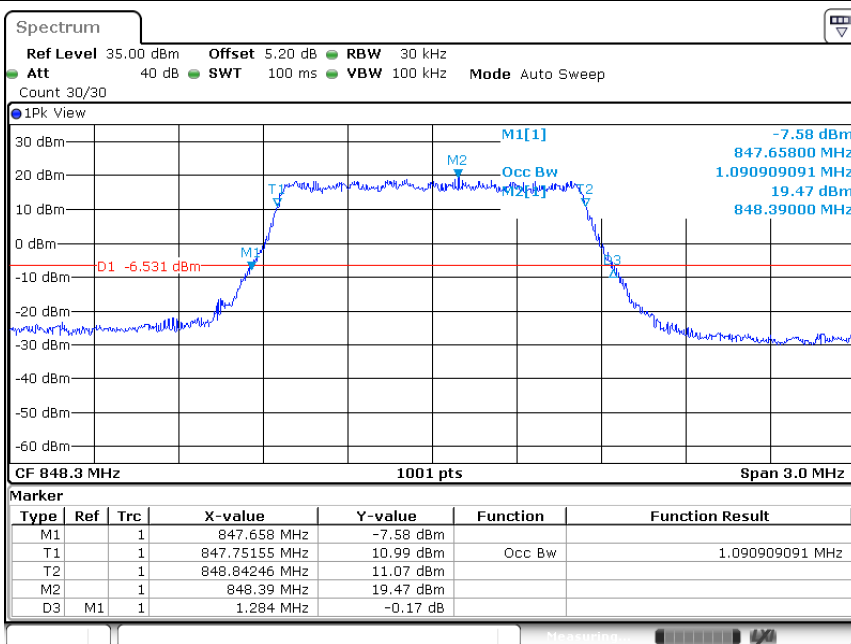


Band5-1.4MHz-QPSK-20525-6RB#0-1.091



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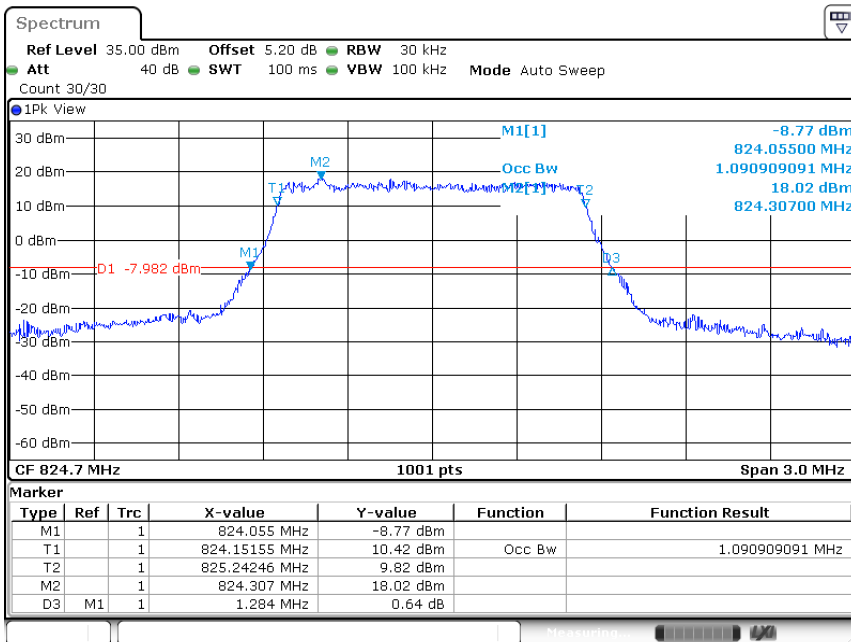
Band5-1.4MHz-QPSK-20643-6RB#0-1.091



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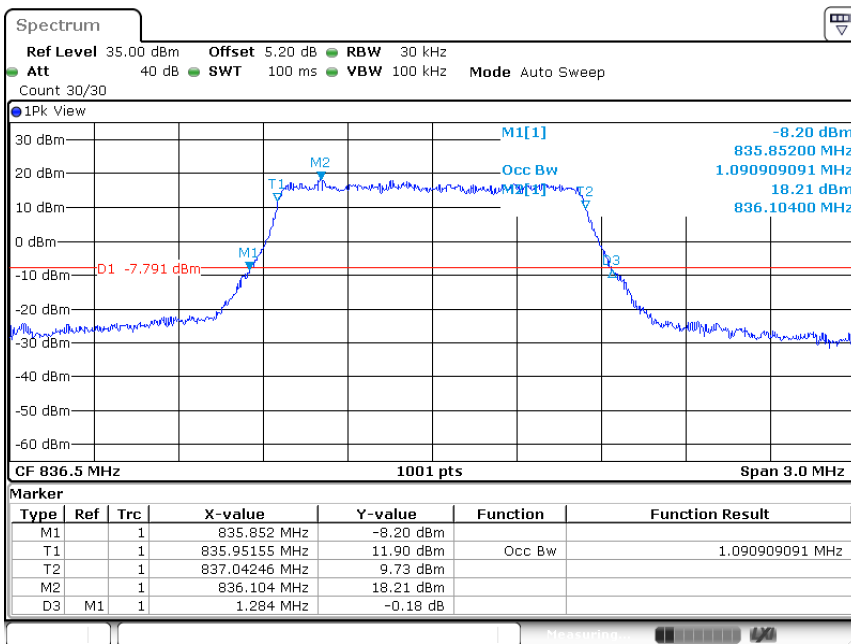


Band5-1.4MHz-16QAM-20407-6RB#0-1.091



Date: 14.OCT.2020 12:31:08

Band5-1.4MHz-16QAM-20525-6RB#0-1.091



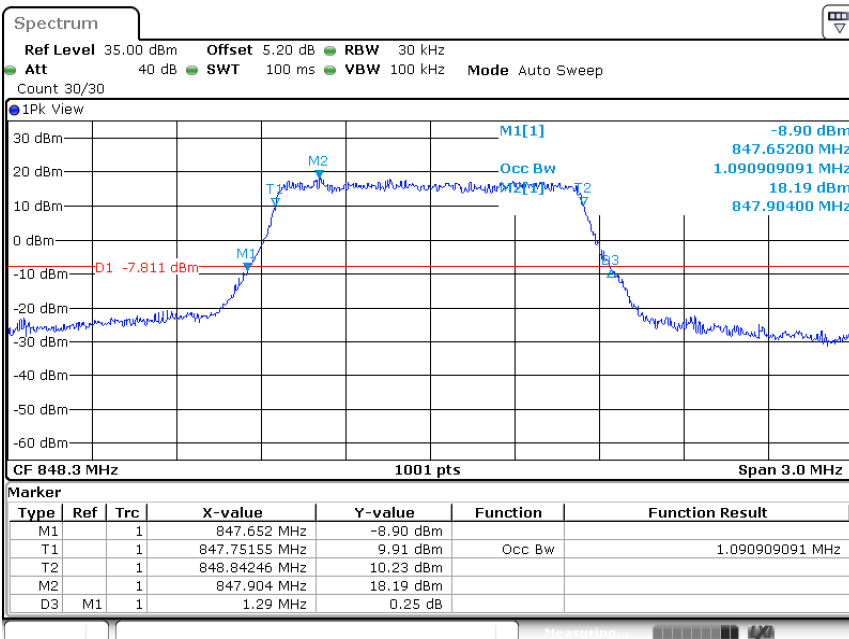
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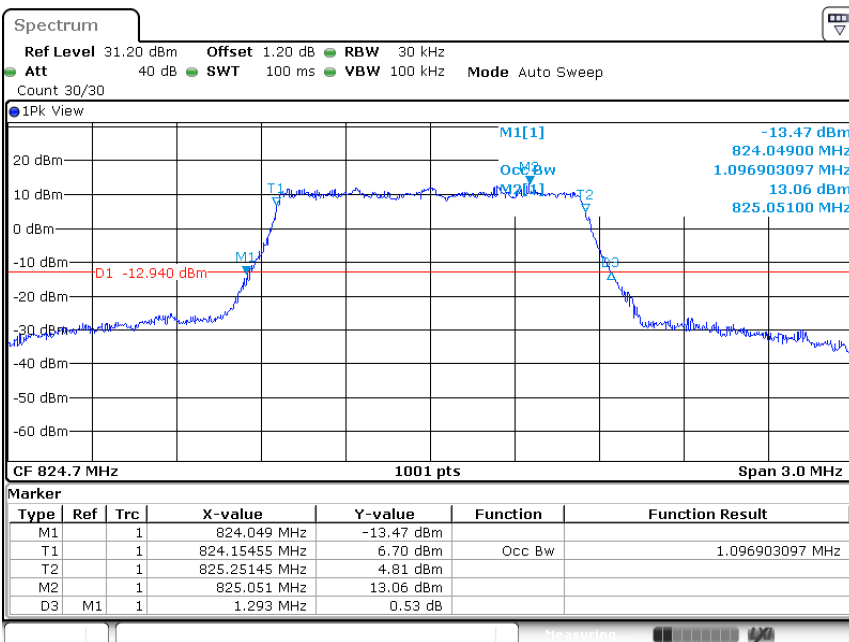
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Band5-1.4MHz-16QAM-20643-6RB#0-1.091



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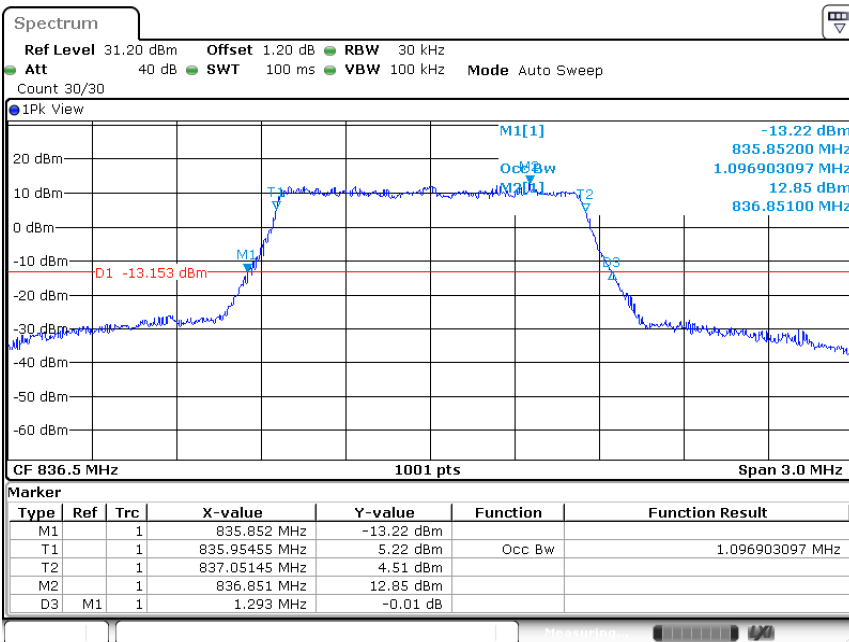
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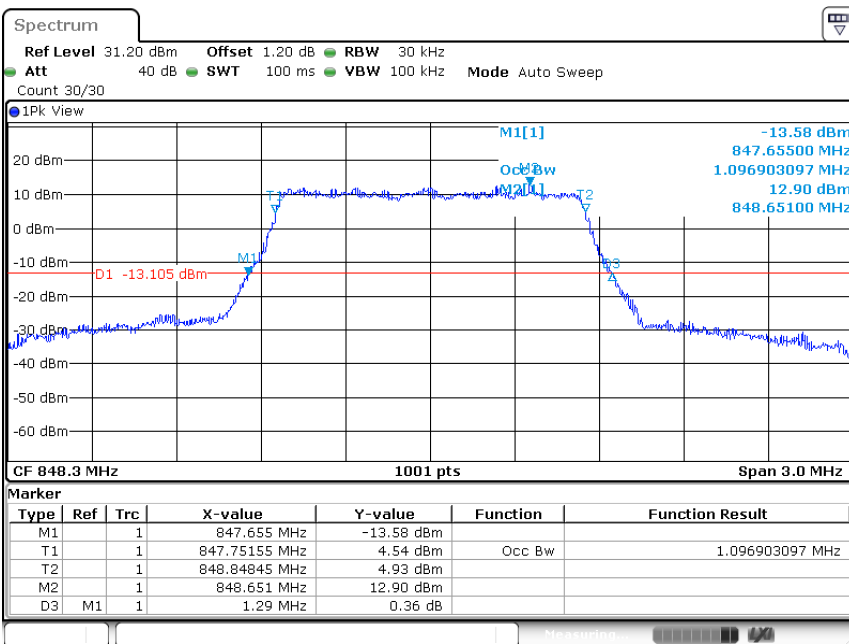


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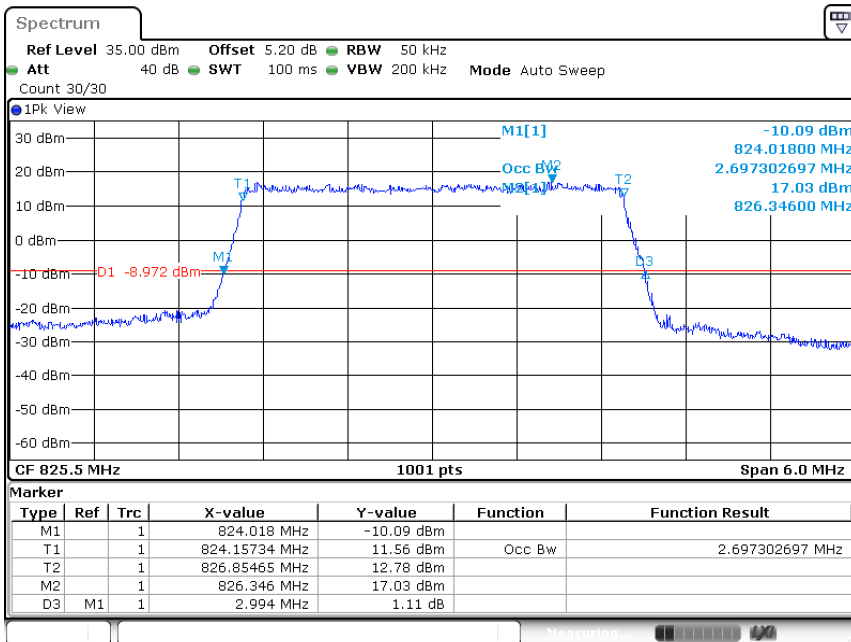
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Date: 15.OCT.2020 11:27:21

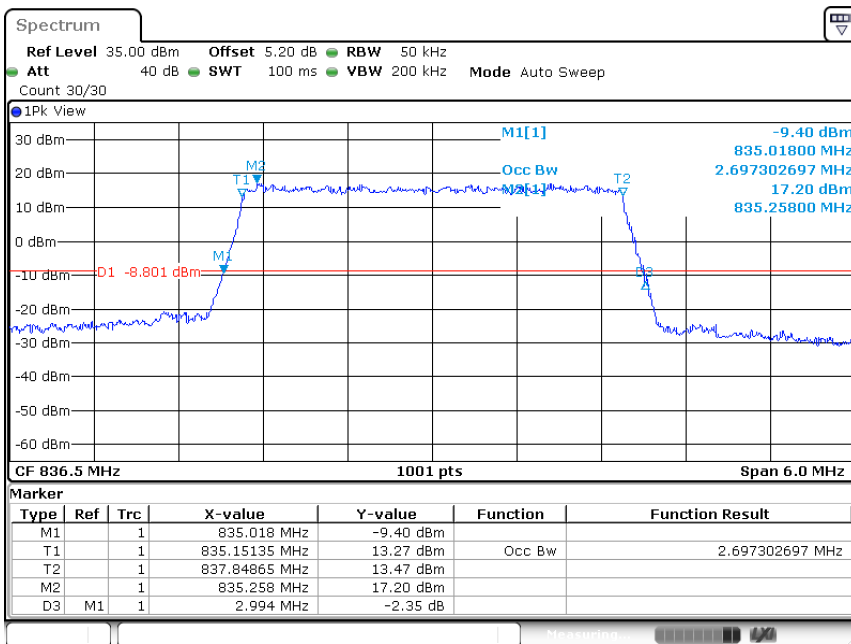


Band5-3MHz-QPSK-20415-15RB#0-2.697



Date: 14.OCT.2020 09:06:09

Band5-3MHz-QPSK-20525-15RB#0-2.697



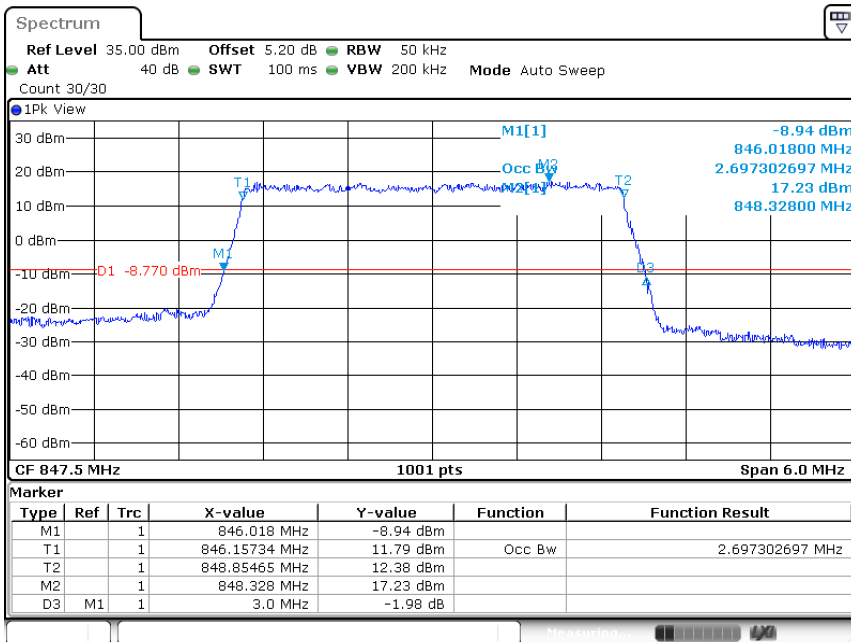
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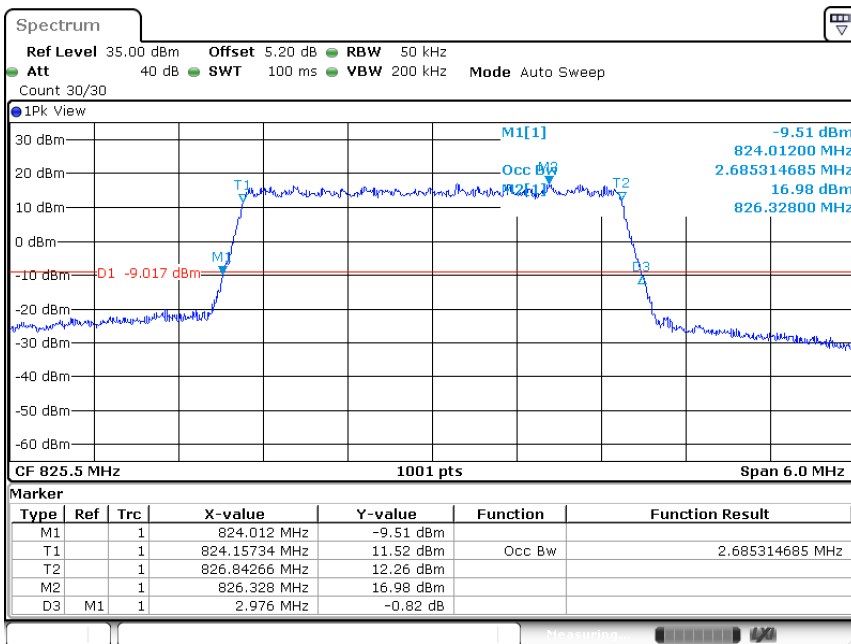
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Band5-3MHz-QPSK-20635-15RB#0-2.697



Date: 14.OCT.2020 09:07:13

Band5-3MHz-16QAM-20415-15RB#0-2.685



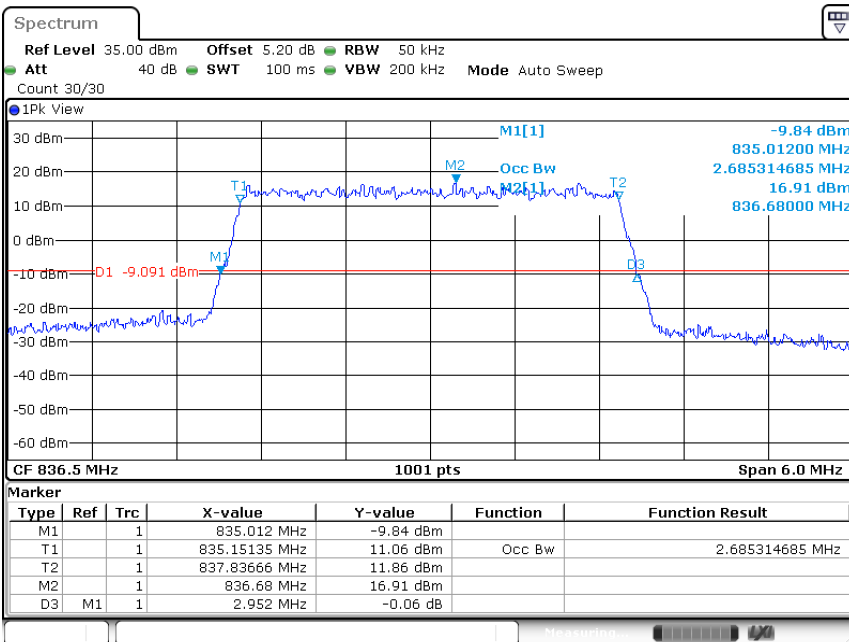
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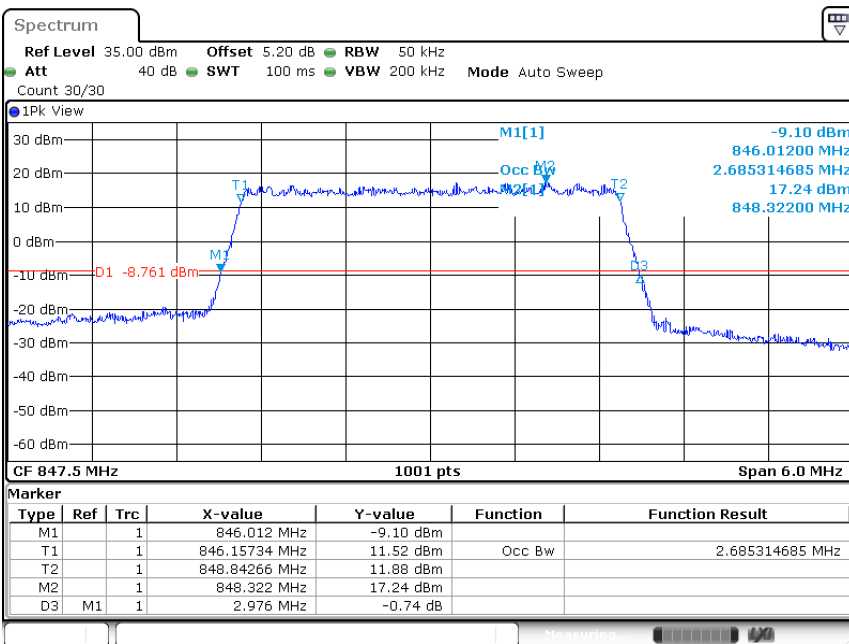
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Band5-3MHz-16QAM-20525-15RB#0-2.685



Date: 14.OCT.2020 09:06:56

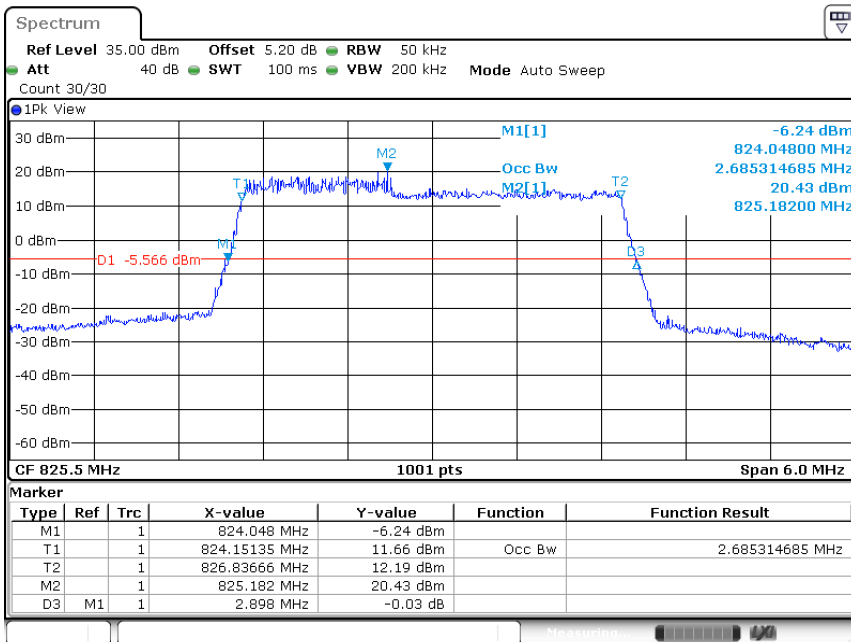
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Date: 14.OCT.2020 09:07:28

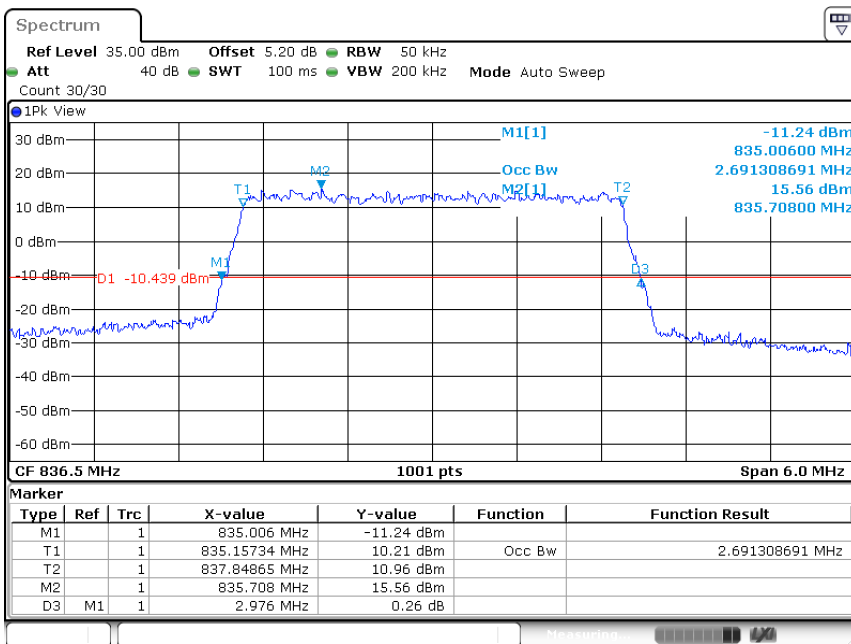


Band5-3MHz-64QAM-20415-15RB#0-2.685



Date: 14.OCT.2020 10:57:37

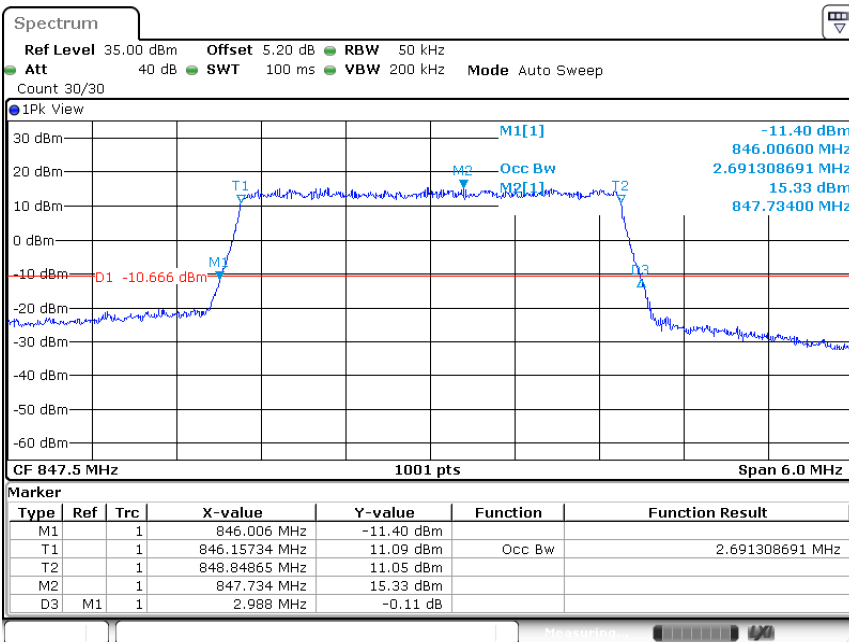
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Date: 14.OCT.2020 10:57:53

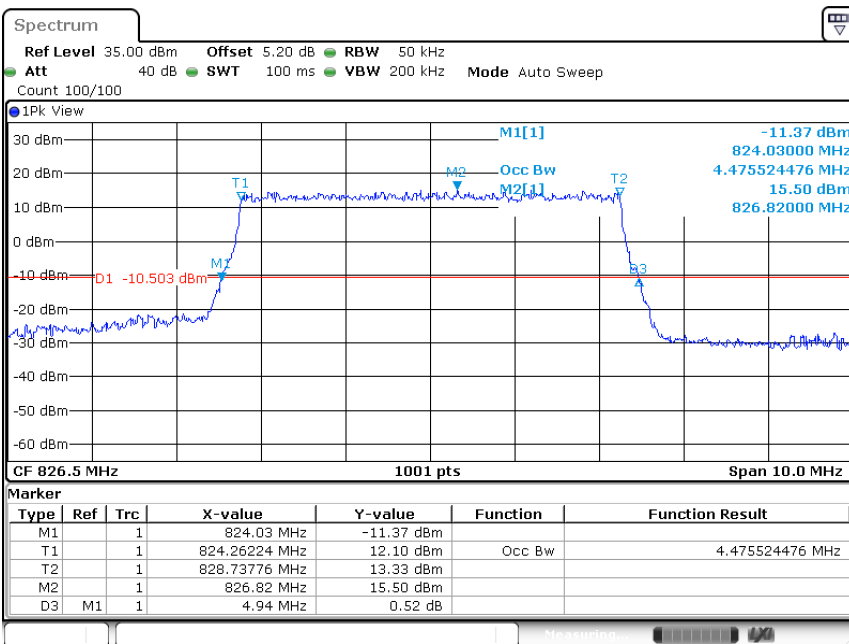


Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 14.OCT.2020 10:58:09

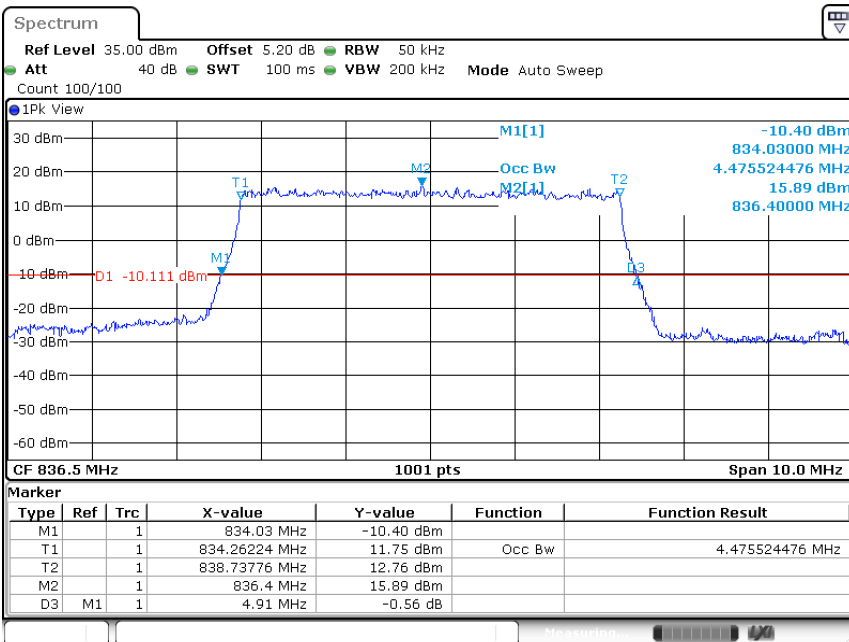
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Date: 14.OCT.2020 09:07:58

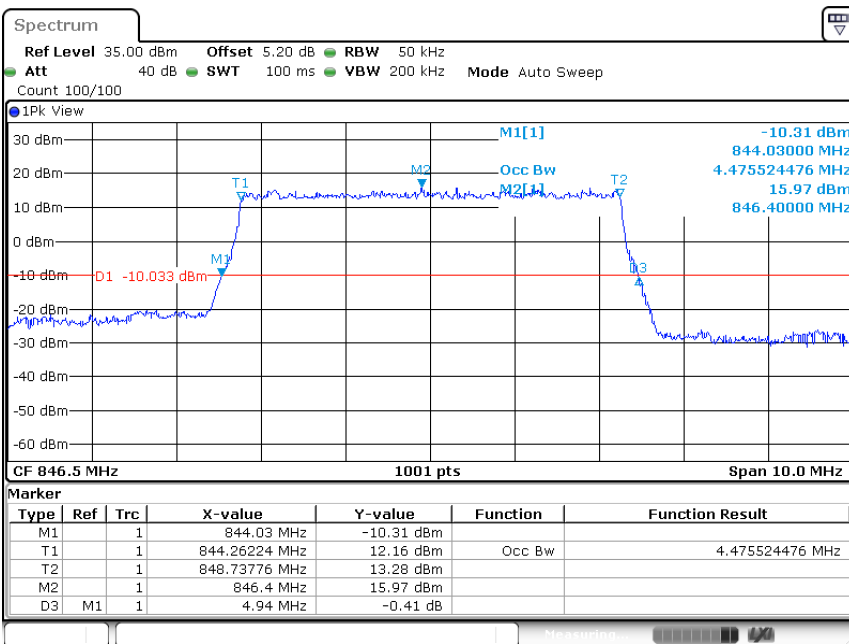


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Date: 14.OCT.2020 09:08:43

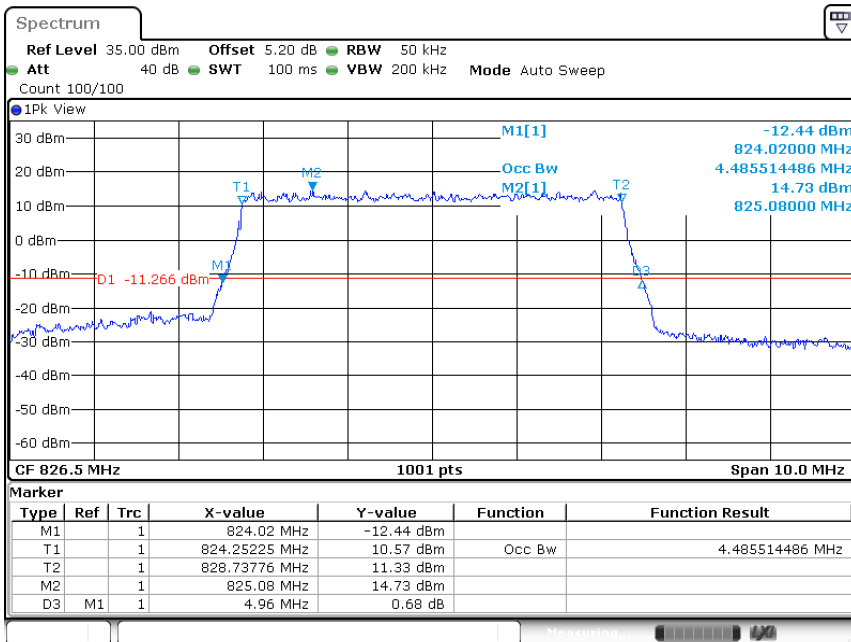
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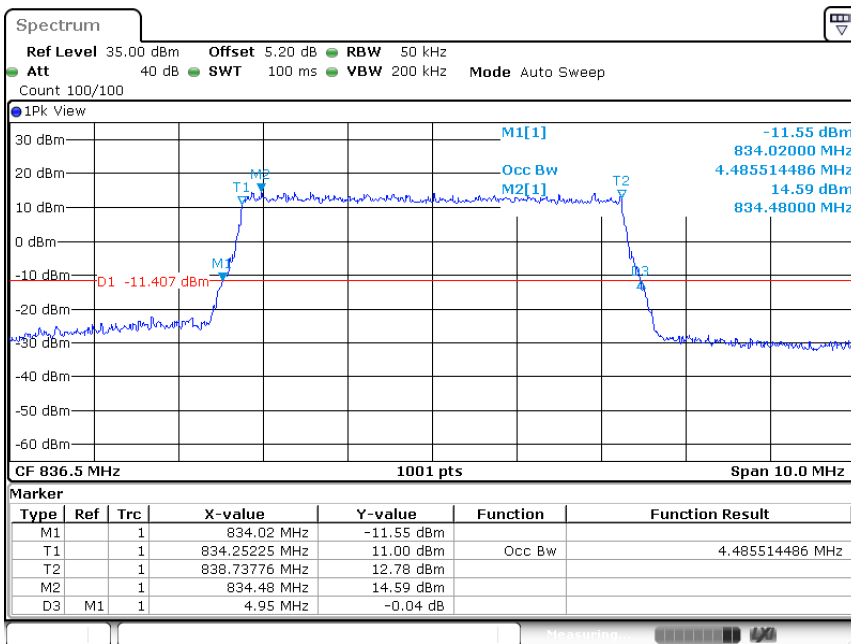


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Date: 14.OCT.2020 09:08:20

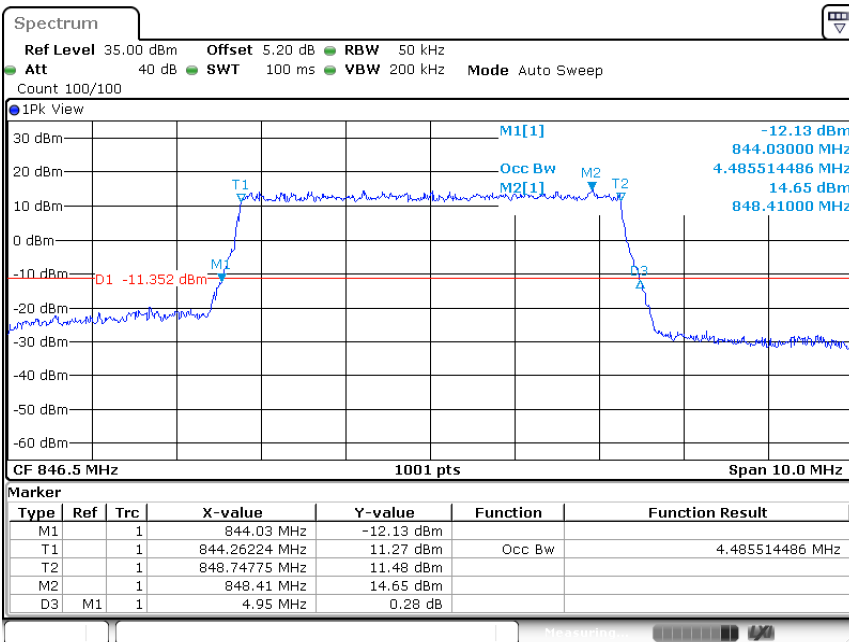
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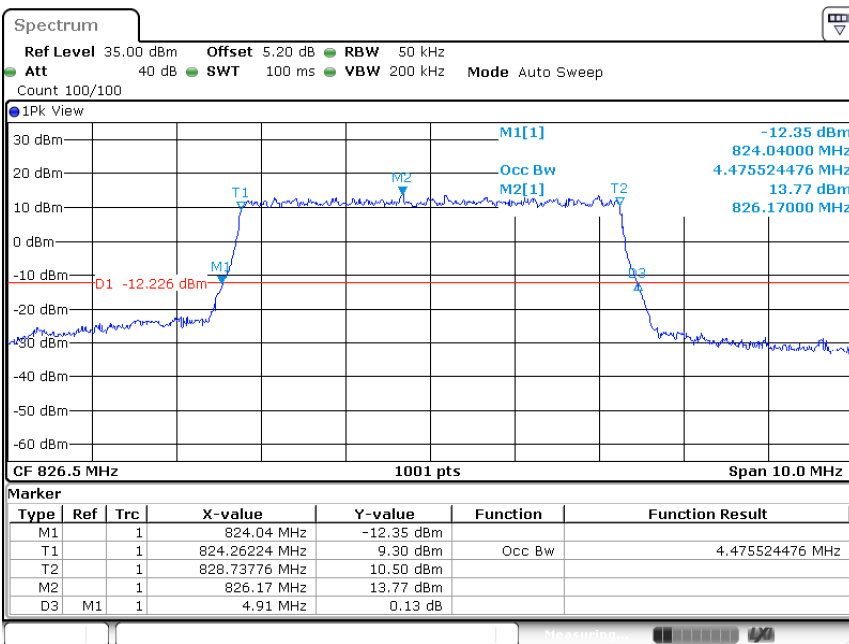


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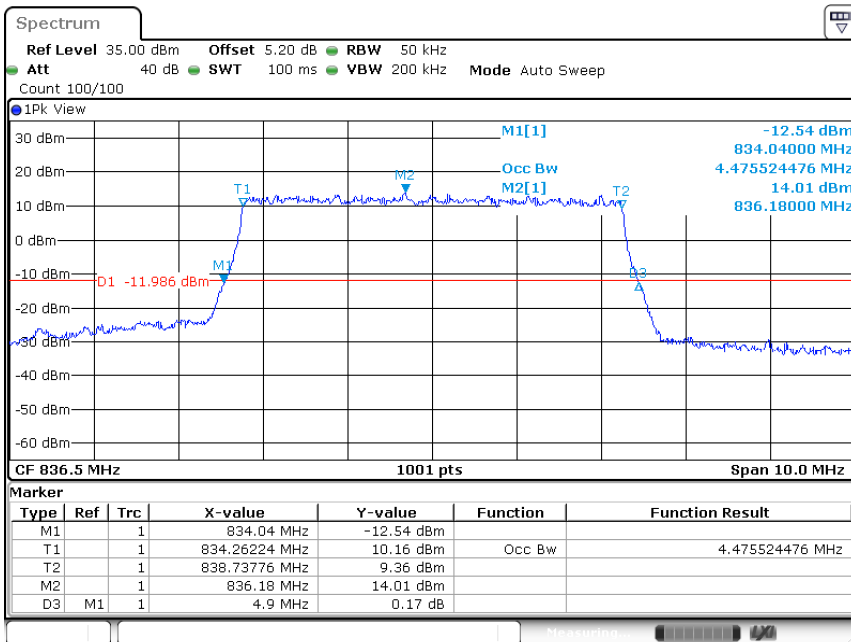
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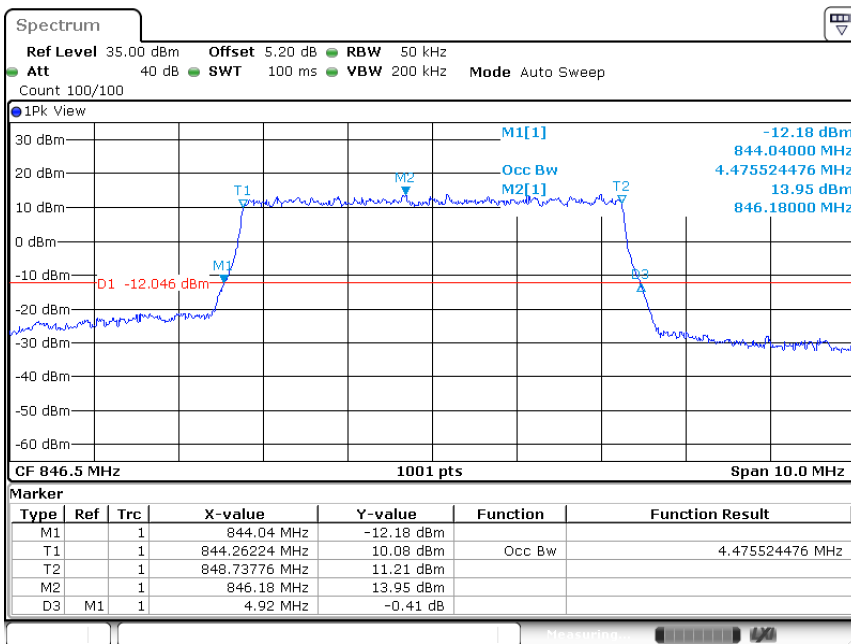


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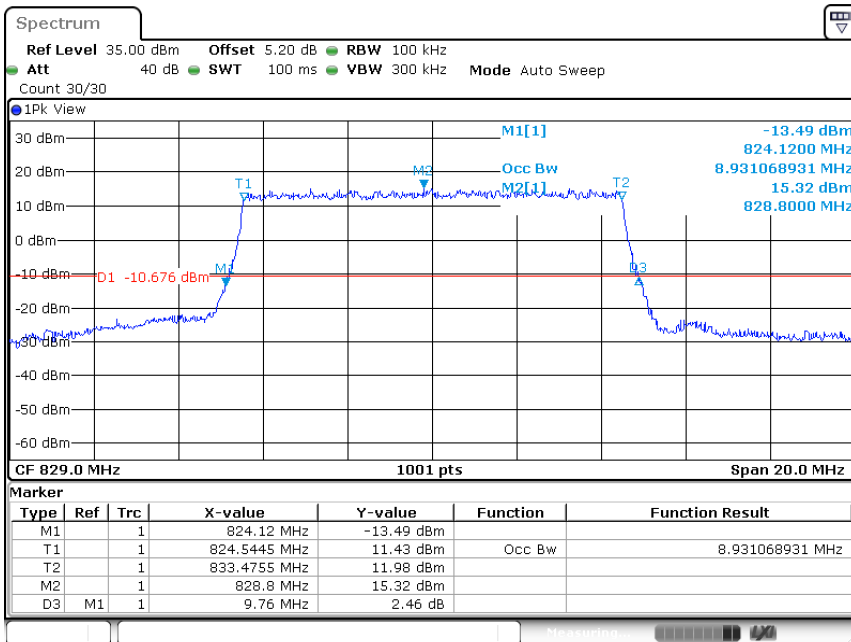
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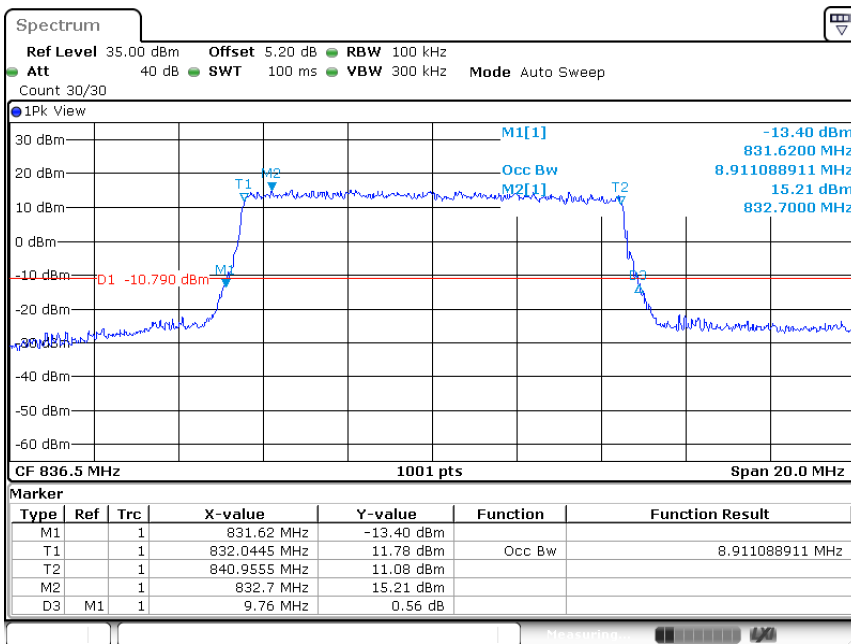


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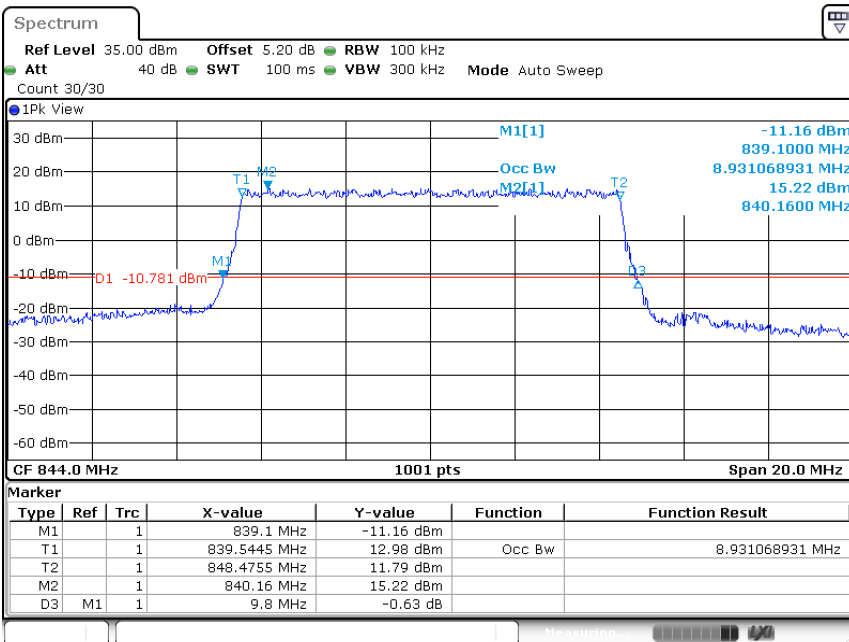
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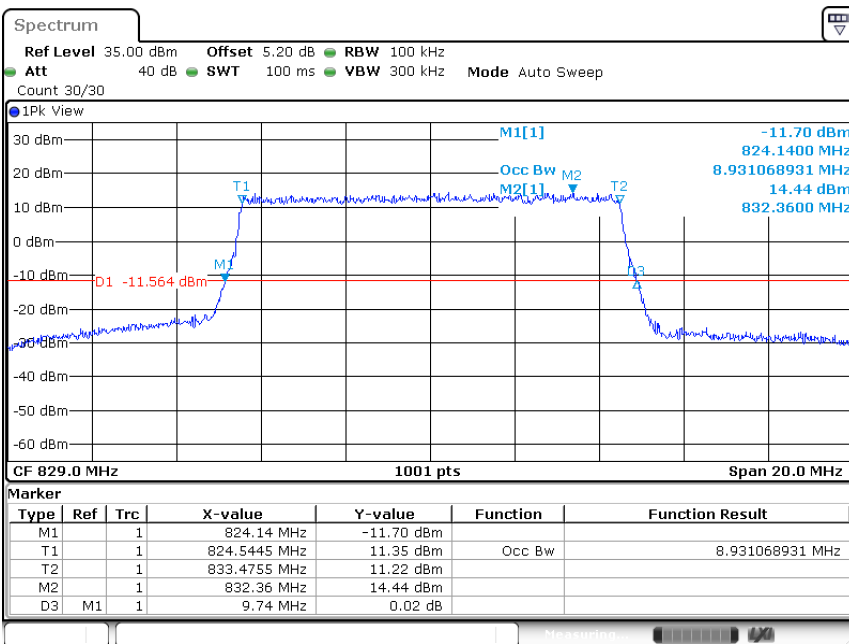


Band5-10MHz-QPSK-20600-50RB#0-8.931



Date: 14.OCT.2020 09:11:18

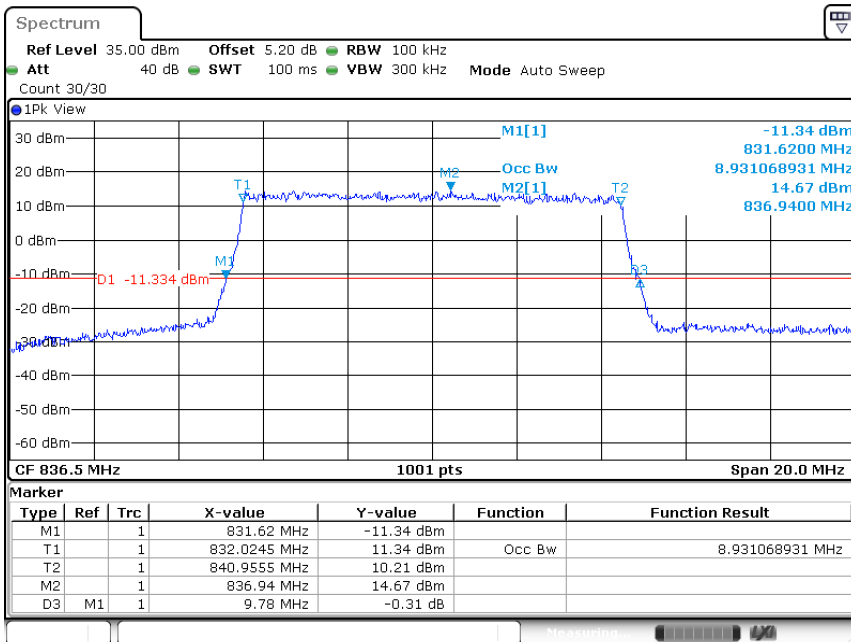
Band5-10MHz-16QAM-20450-50RB#0-8.931



Date: 14.OCT.2020 09:10:30

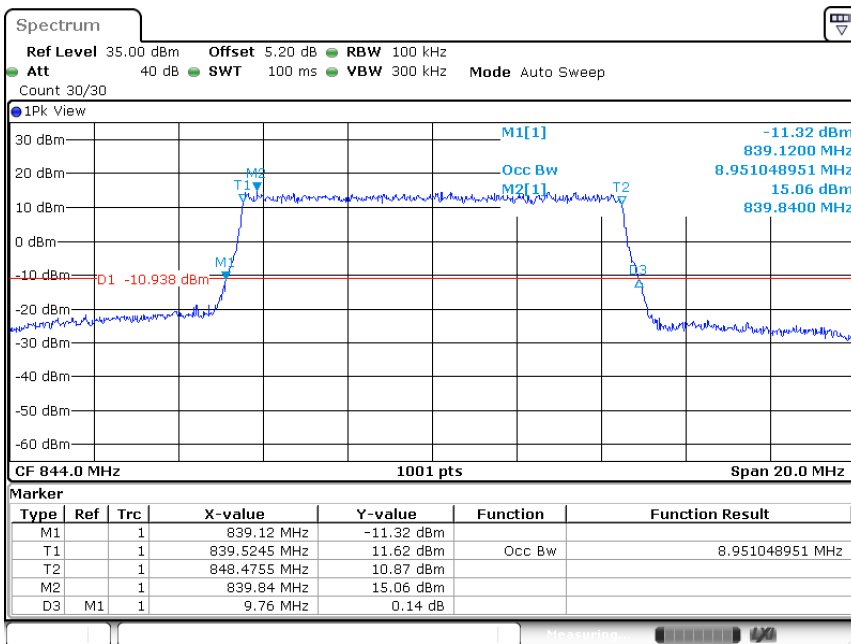


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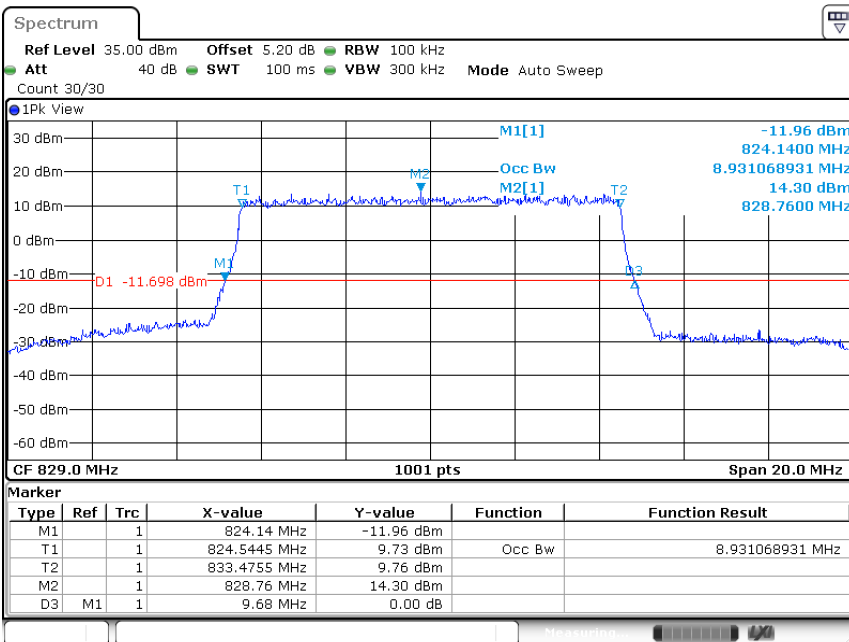
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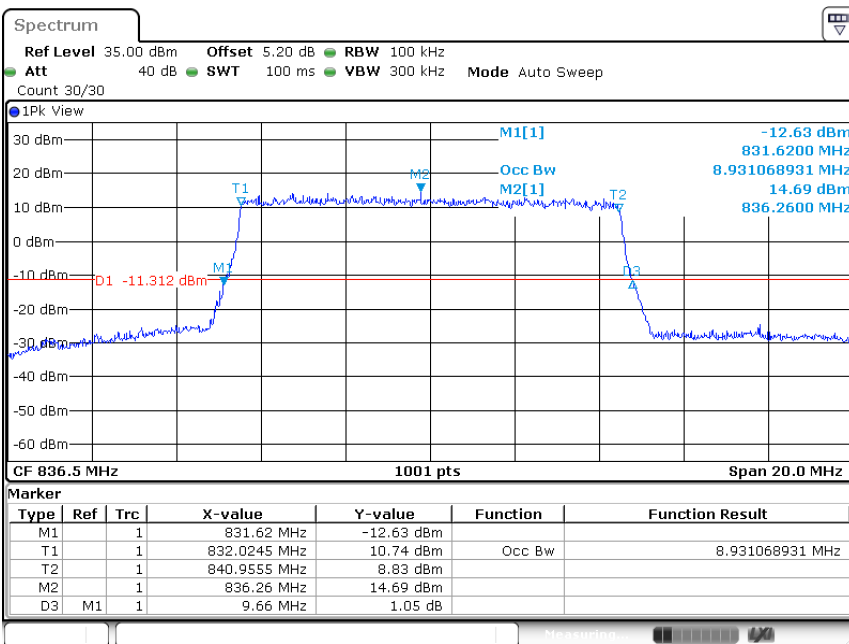


Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 14.OCT.2020 10:59:48

Band5-10MHz-64QAM-20525-50RB#0-8.931



Date: 14.OCT.2020 11:00:04

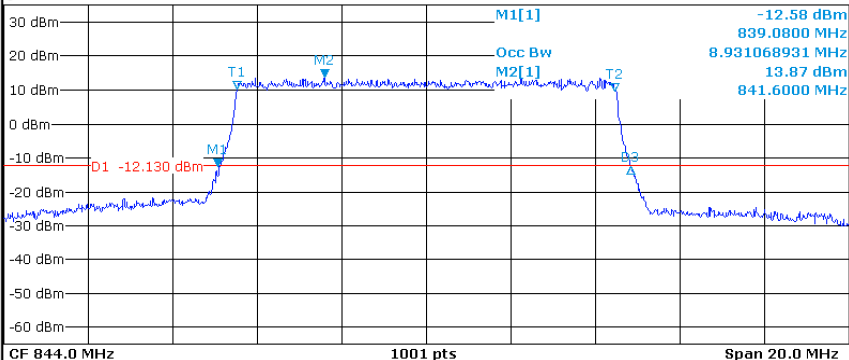


Band5-10MHz-64QAM-20600-50RB#0-8.931

Spectrum

Ref Level 35.00 dBm Offset 5.20 dB RBW 100 kHz
Att 40 dB SWT 100 ms VBW 300 kHz Mode Auto Sweep
Count 30/30

1Pk View



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	839.08 MHz	-12.58 dBm		
T1		1	839.5245 MHz	10.22 dBm	Occ Bw	8.931068931 MHz
T2		1	848.4555 MHz	9.54 dBm		
M2		1	841.6 MHz	13.87 dBm		
D3	M1	1	9.76 MHz	0.13 dB		

Date: 14.OCT.2020 11:00:20



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Shenzhen Branch (CCC Laboratory)

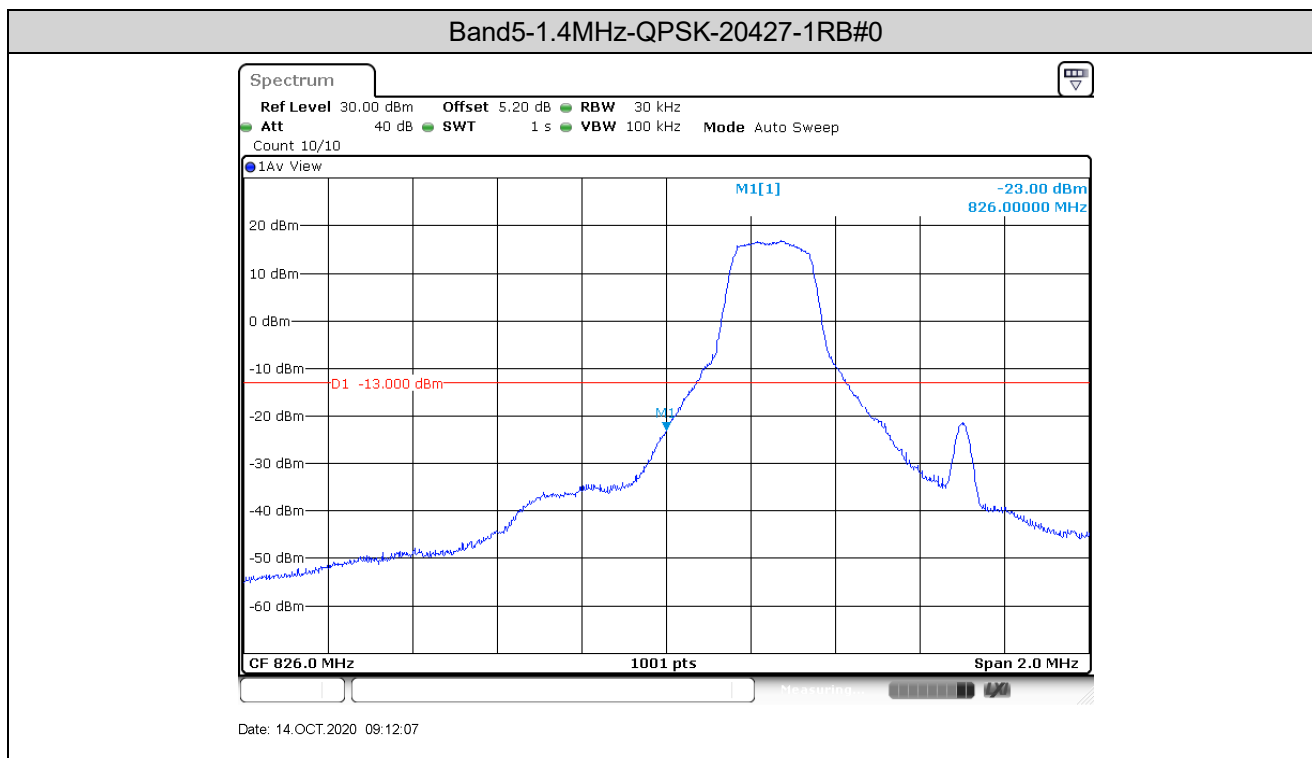
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5 Band Edge Compliance

5.1 Test Plots



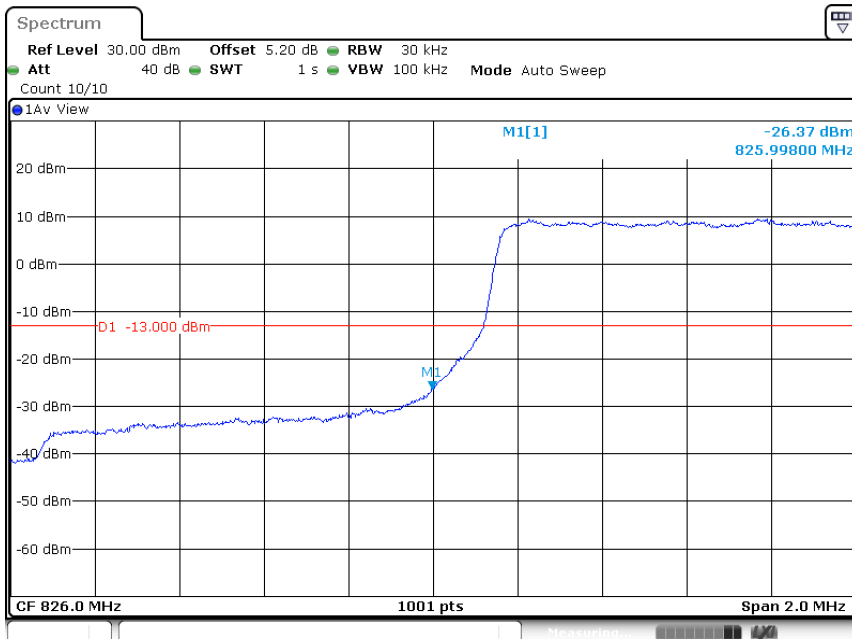
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Shenzhen Branch (200001) Calibration Laboratory

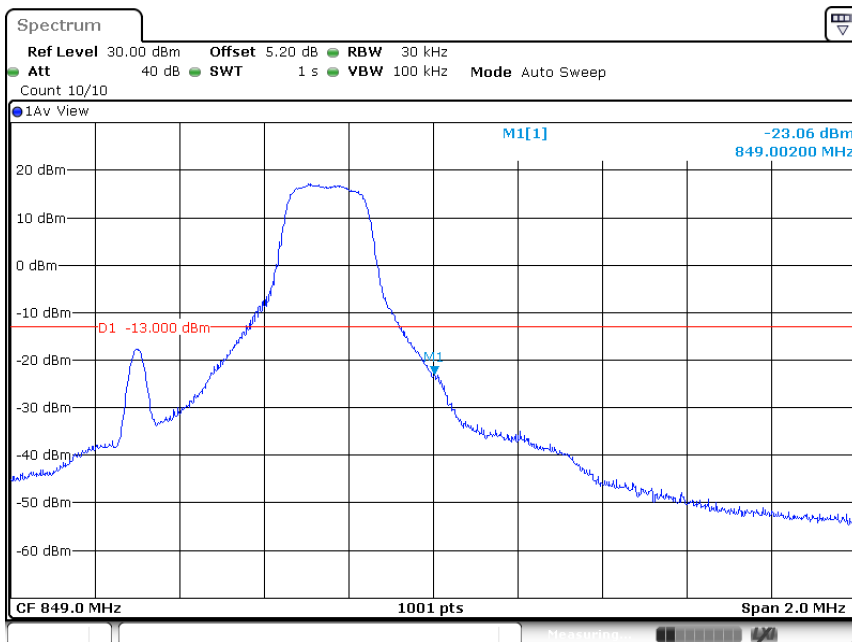
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Band5-1.4MHz-QPSK-20427-6RB#0



Date: 14.OCT.2020 09:12:54

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

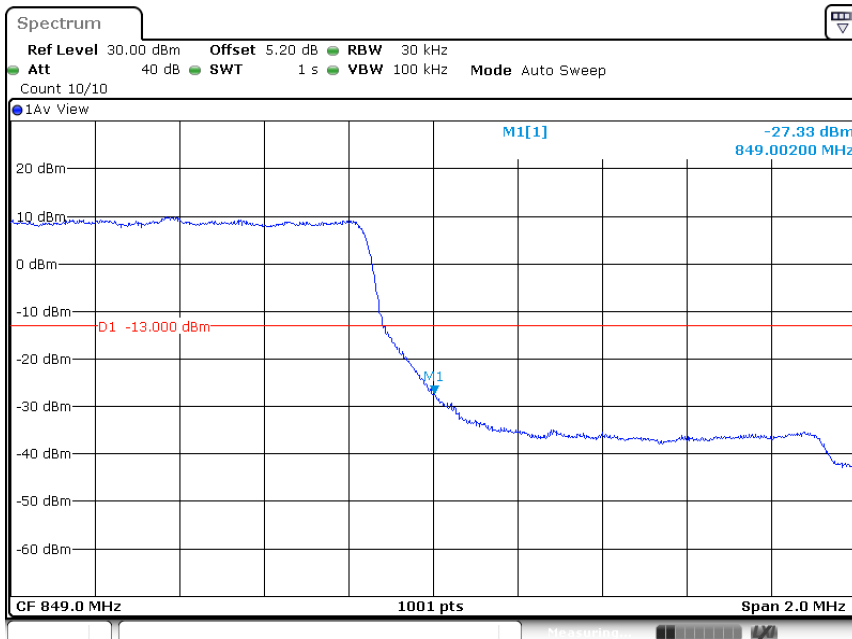


Date: 14.OCT.2020 09:13:49



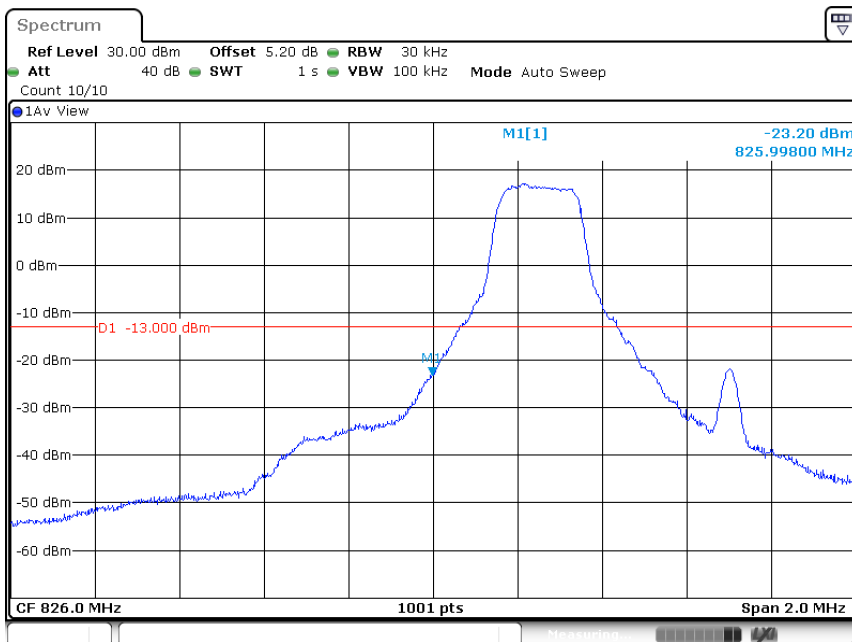
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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 14.OCT.2020 09:14:36

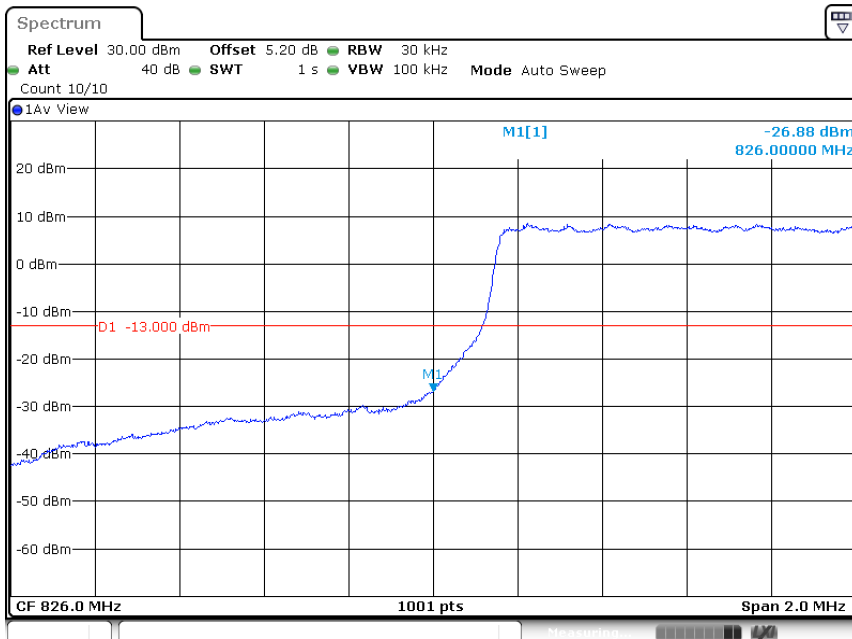
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Date: 14.OCT.2020 09:12:30

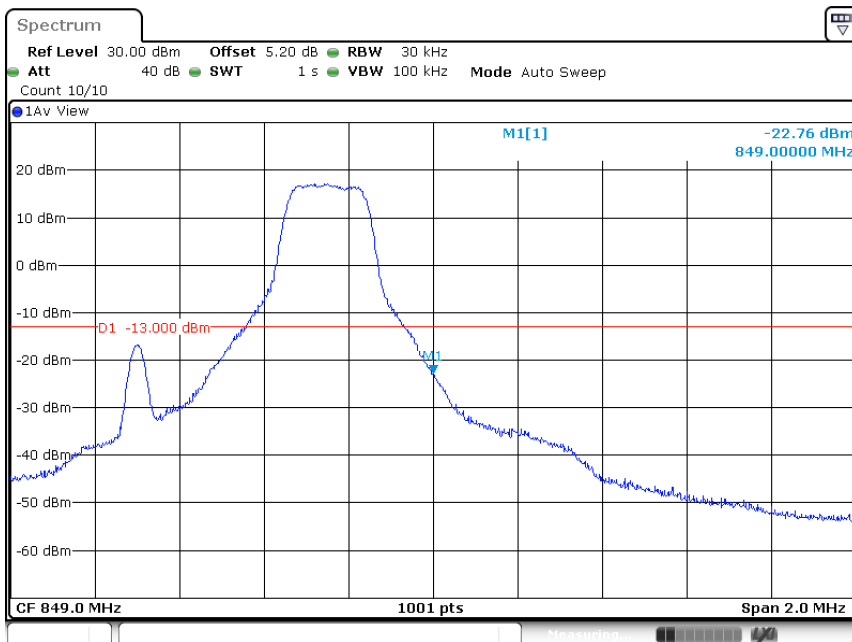


Band5-1.4MHz-16QAM-20427-6RB#0



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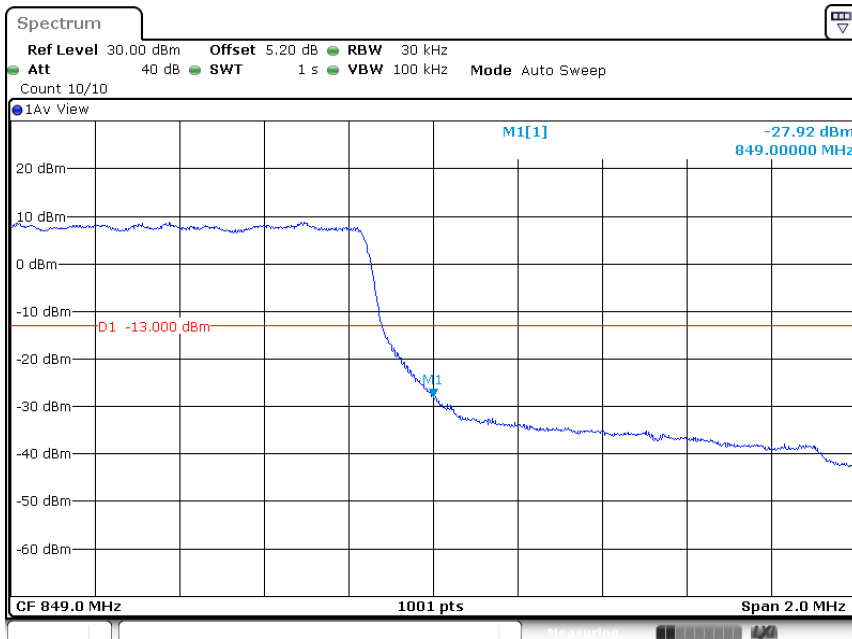
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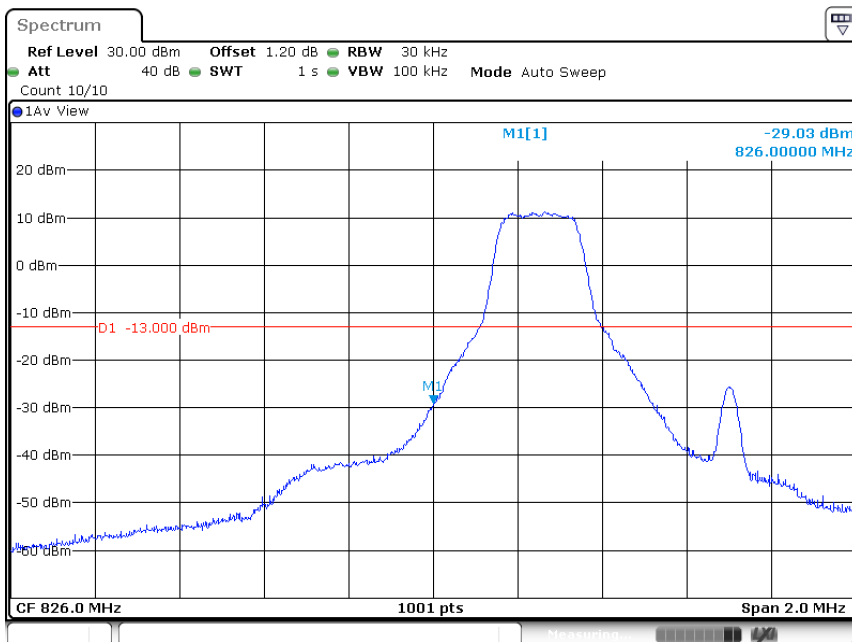


Band5-1.4MHz-16QAM-20643-6RB#0



Date: 14.OCT.2020 09:15:00

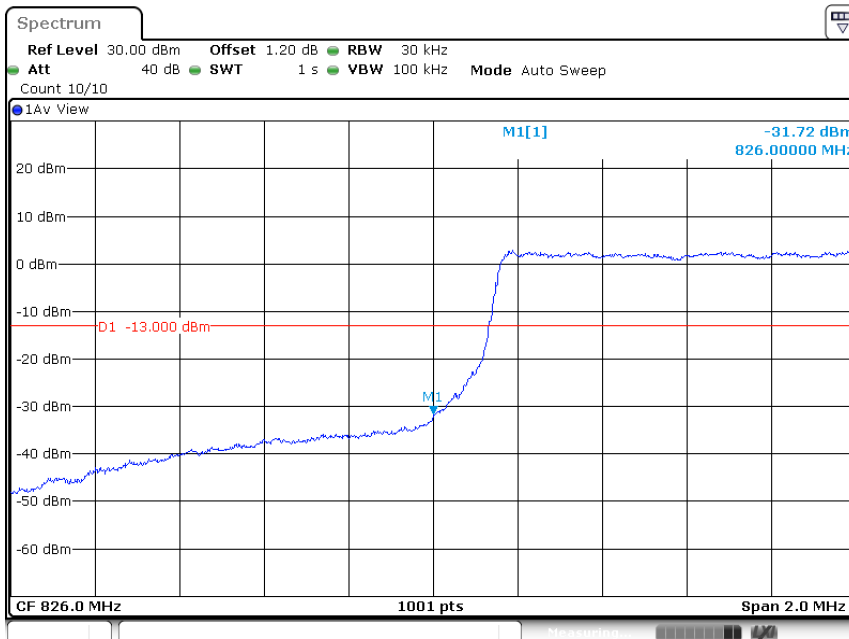
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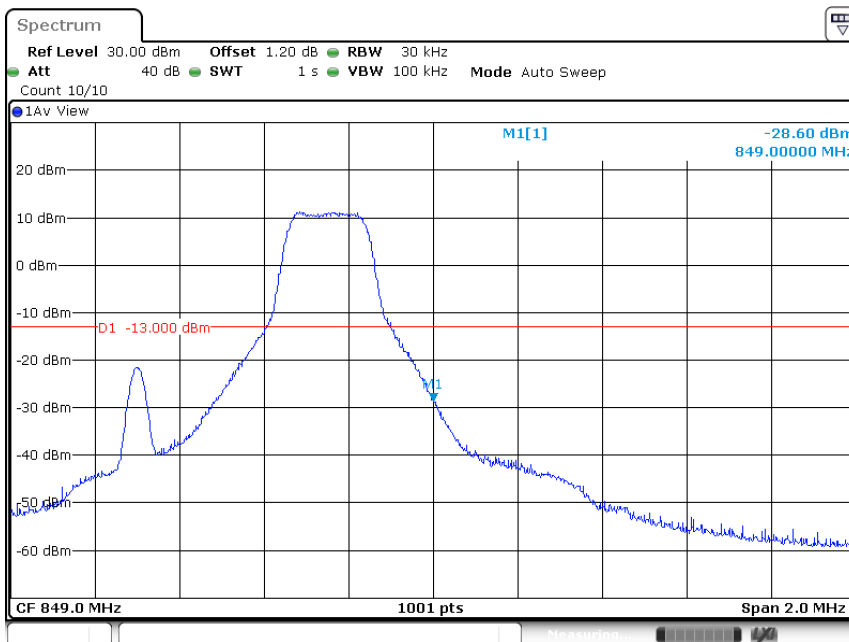


Band5-1.4MHz-64QAM-20427-6RB#0



Date: 15.OCT.2020 11:52:45

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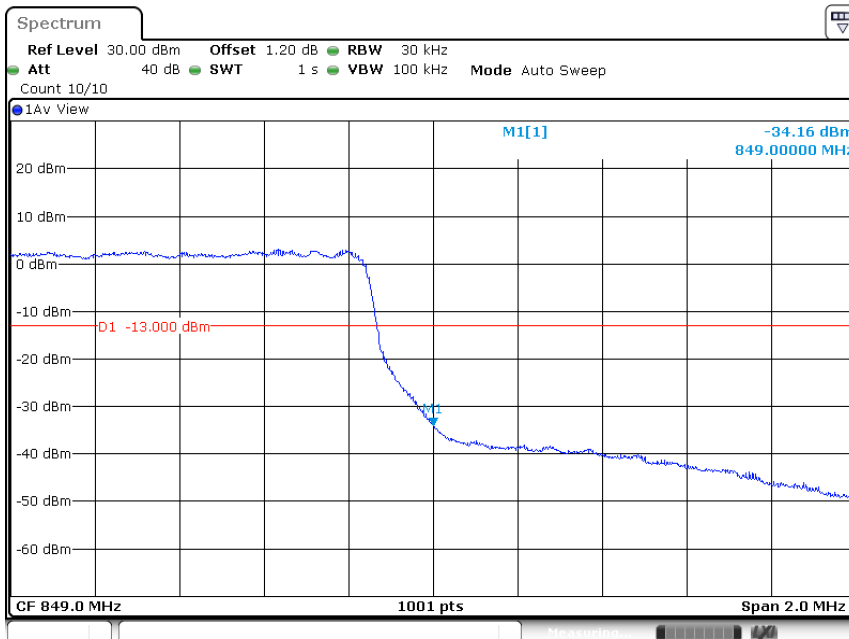


Date: 15.OCT.2020 11:53:18



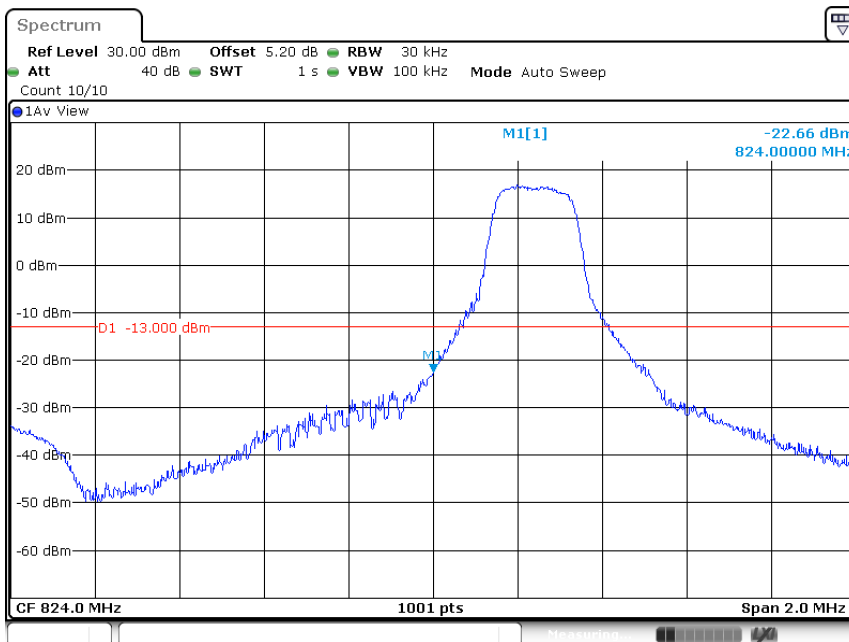
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Band5-1.4MHz-64QAM-20643-6RB#0



Date: 15.OCT.2020 11:53:41

Band5-3MHz-QPSK-20415-1RB#0



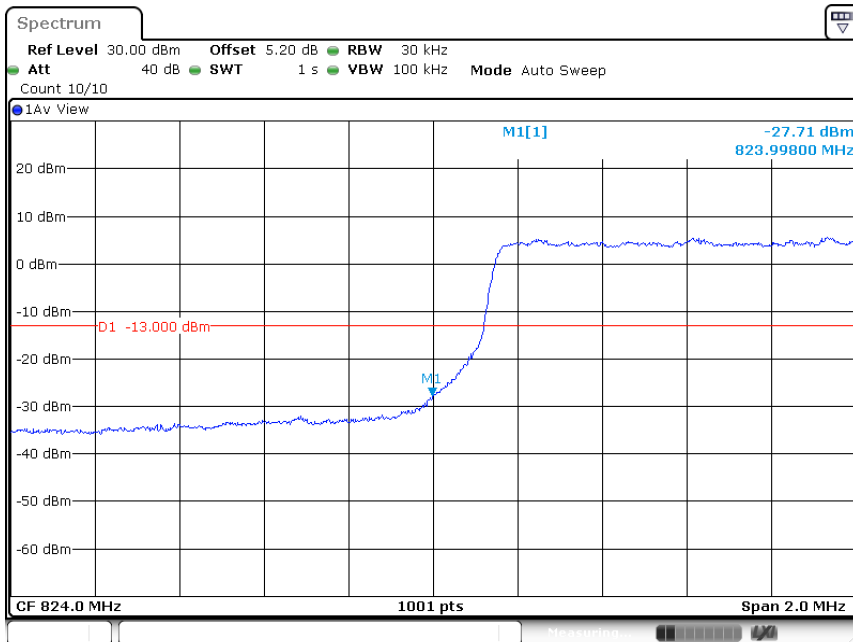
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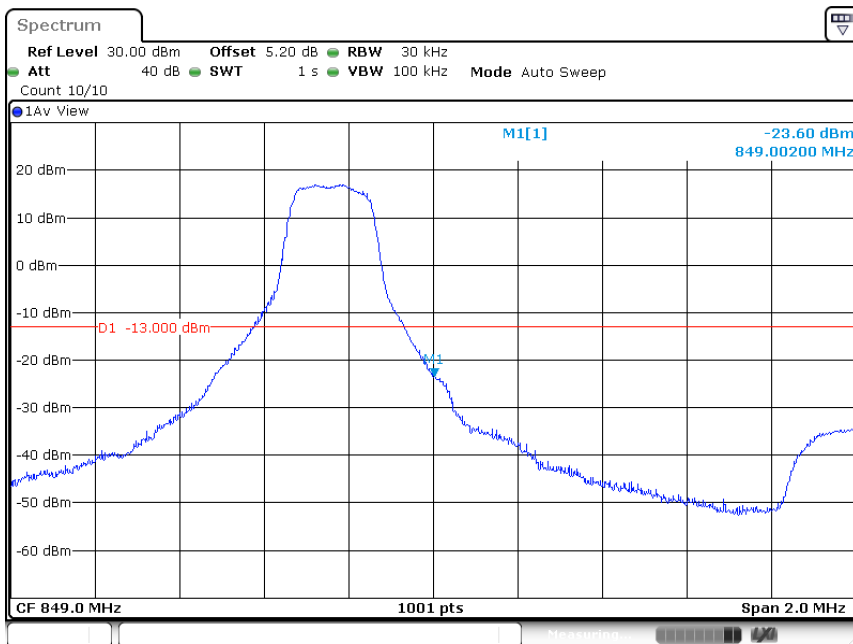
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Band5-3MHz-QPSK-20415-15RB#0



Date: 14.OCT.2020 09:16:19

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



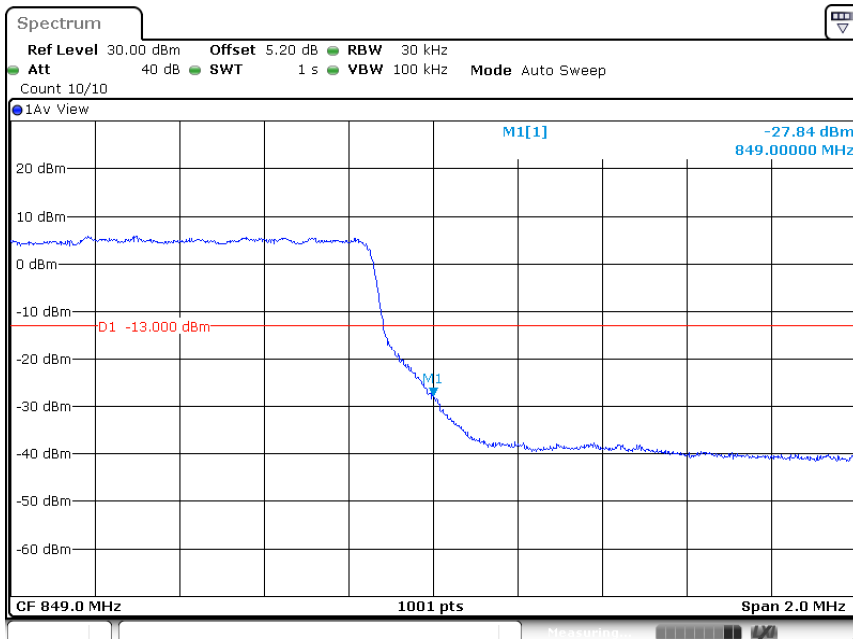
Date: 14.OCT.2020 09:17:14



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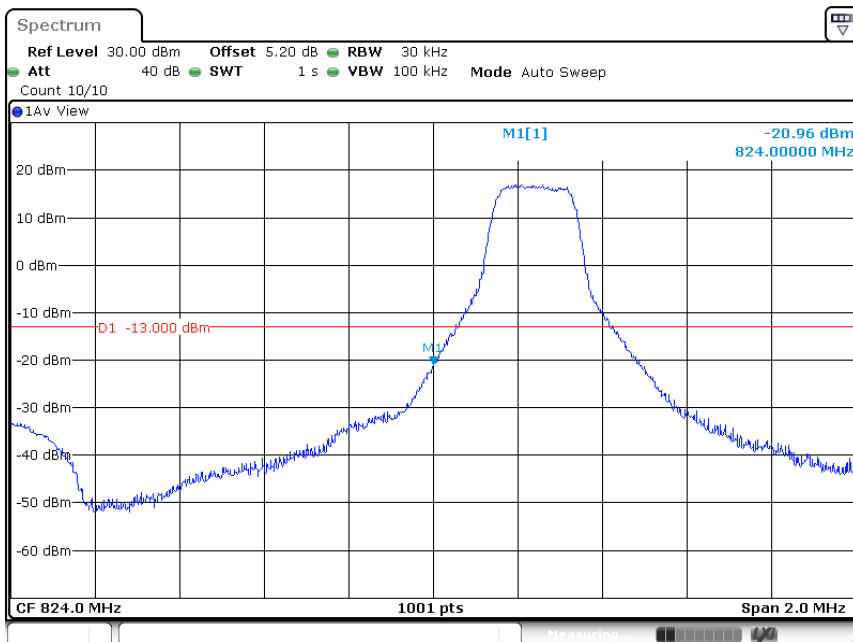
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Band5-3MHz-QPSK-20635-15RB#0



Date: 14.OCT.2020 09:18:01

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



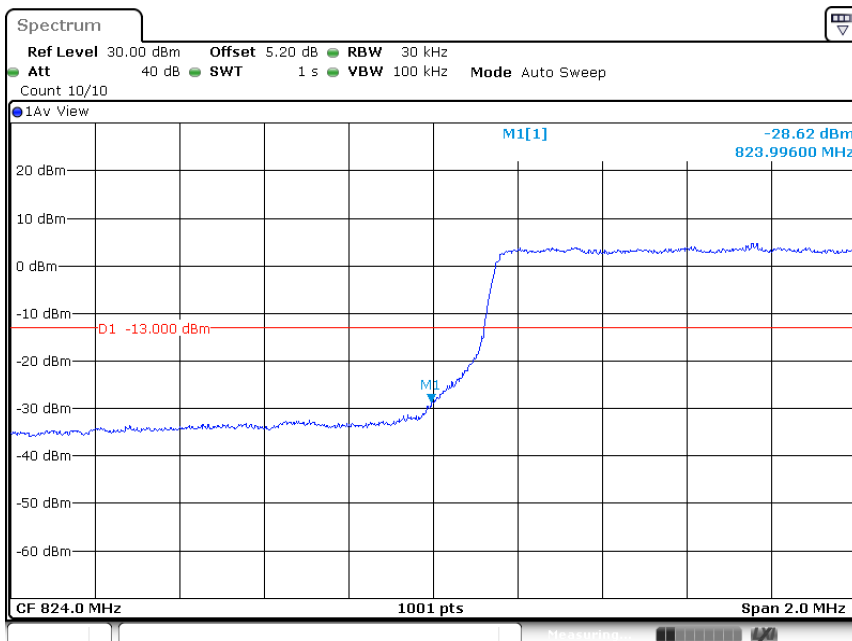
Date: 14.OCT.2020 09:15:56



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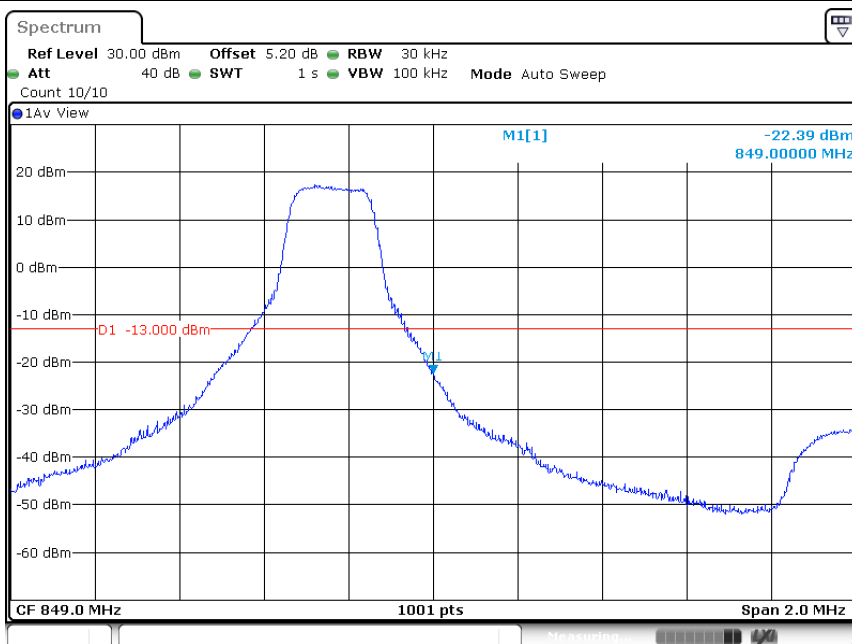
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Band5-3MHz-16QAM-20415-15RB#0



Date: 14.OCT.2020 09:16:43

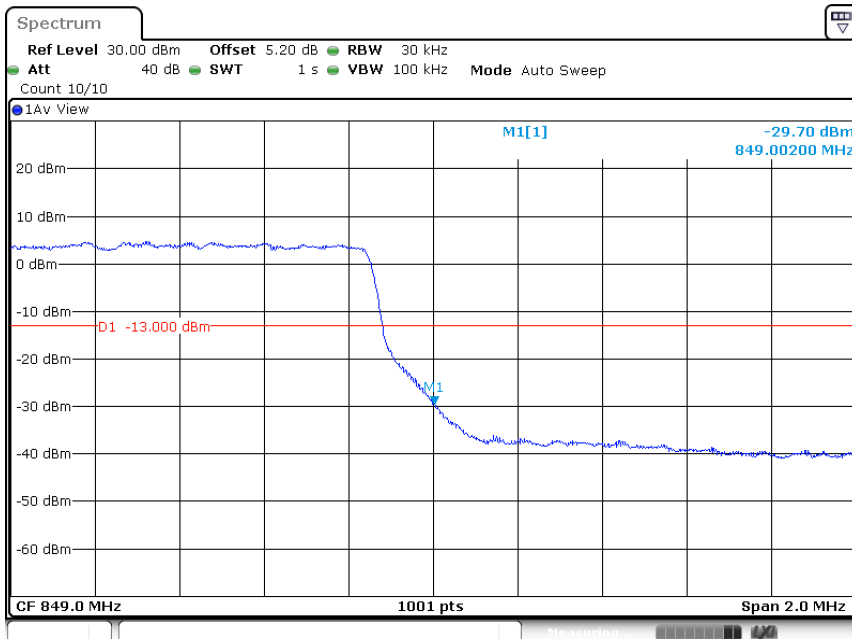
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Date: 14.OCT.2020 09:17:37

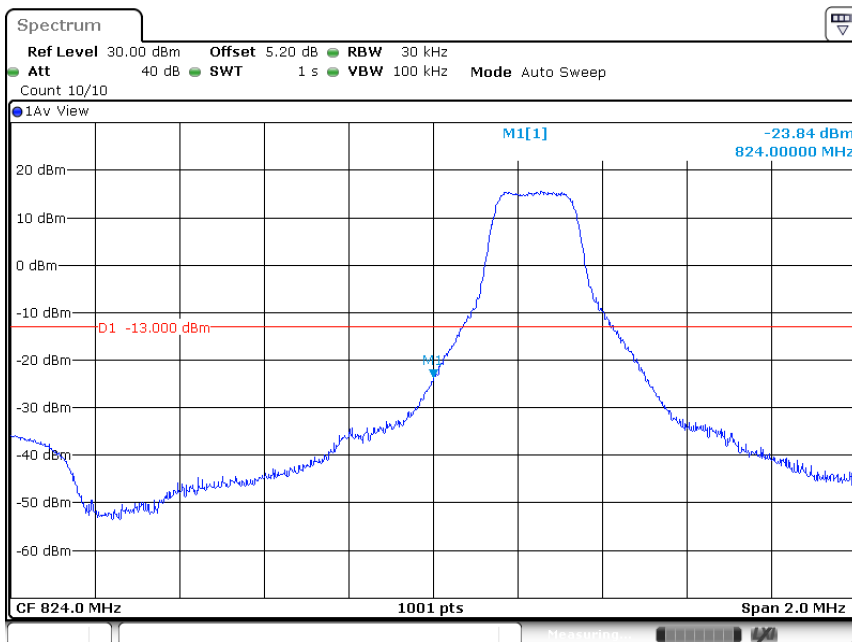


Band5-3MHz-16QAM-20635-15RB#0



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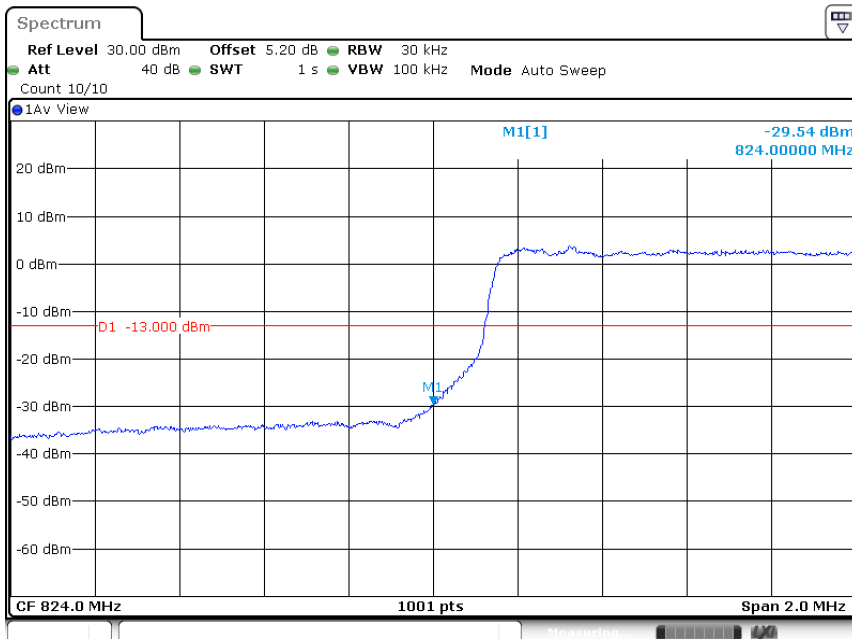
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Date: 14.OCT.2020 11:00:54

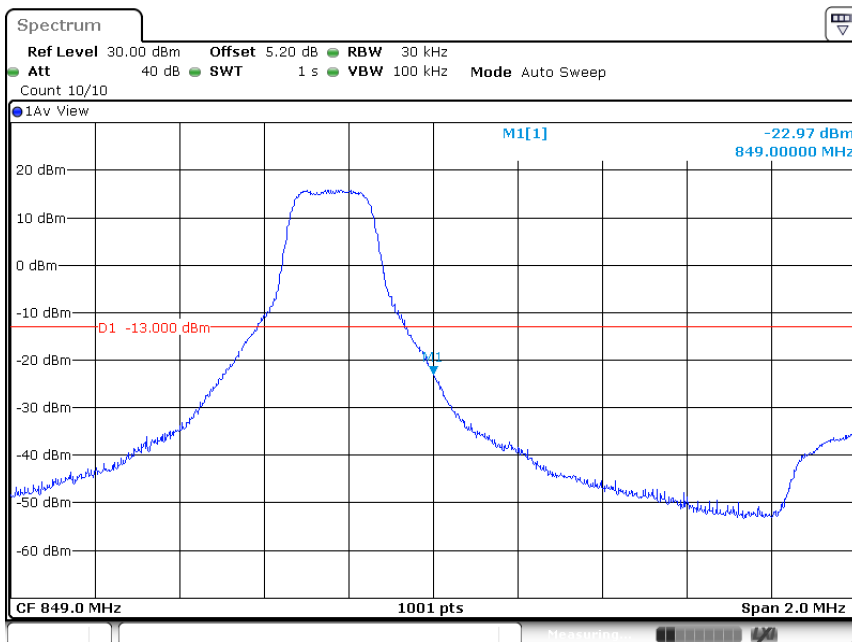


Band5-3MHz-64QAM-20415-15RB#0



Date: 14.OCT.2020 11:01:18

Band5-3MHz-64QAM-20635-1RB#14

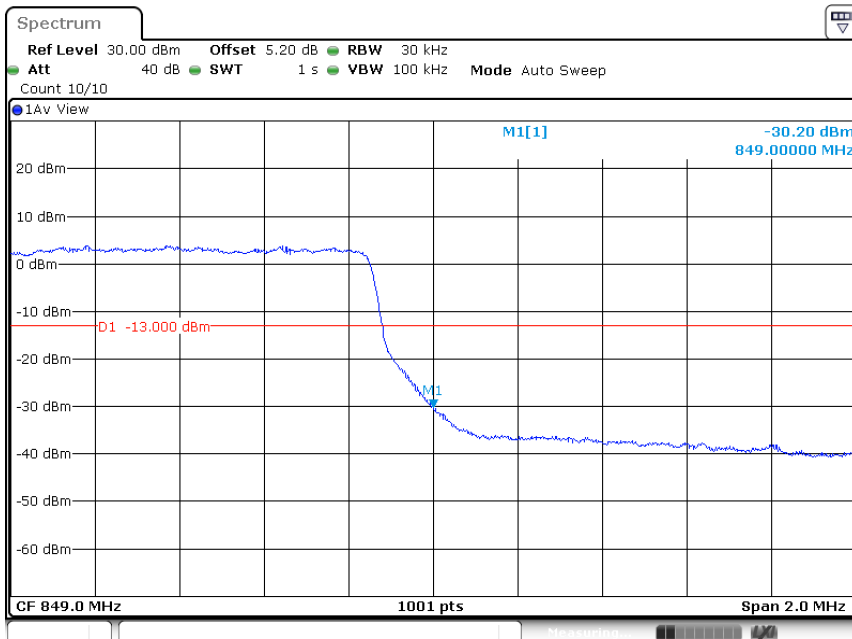


Date: 14.OCT.2020 11:01:50



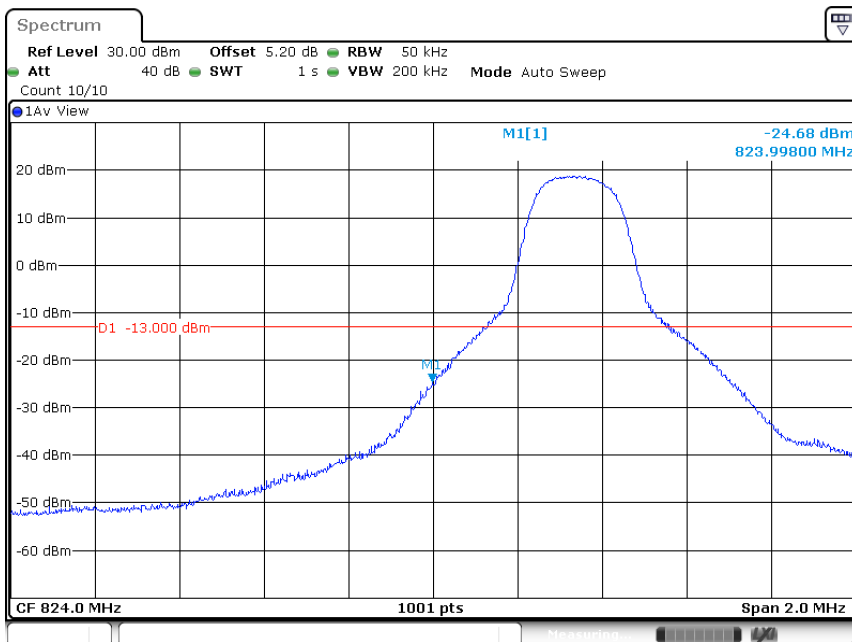
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Band5-3MHz-64QAM-20635-15RB#0



Date: 14.OCT.2020 11:02:14

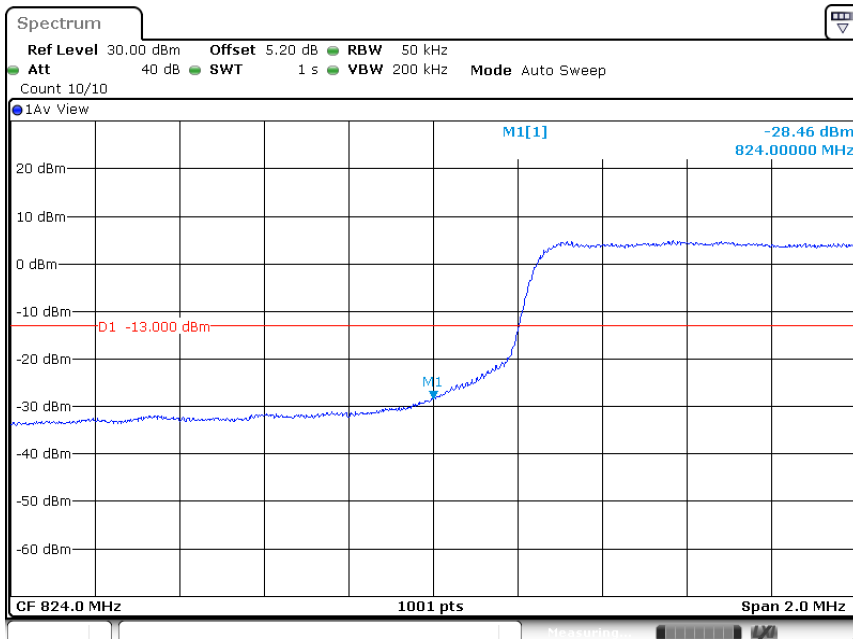
Band5-5MHz-QPSK-20425-1RB#0



Date: 14.OCT.2020 09:18:57

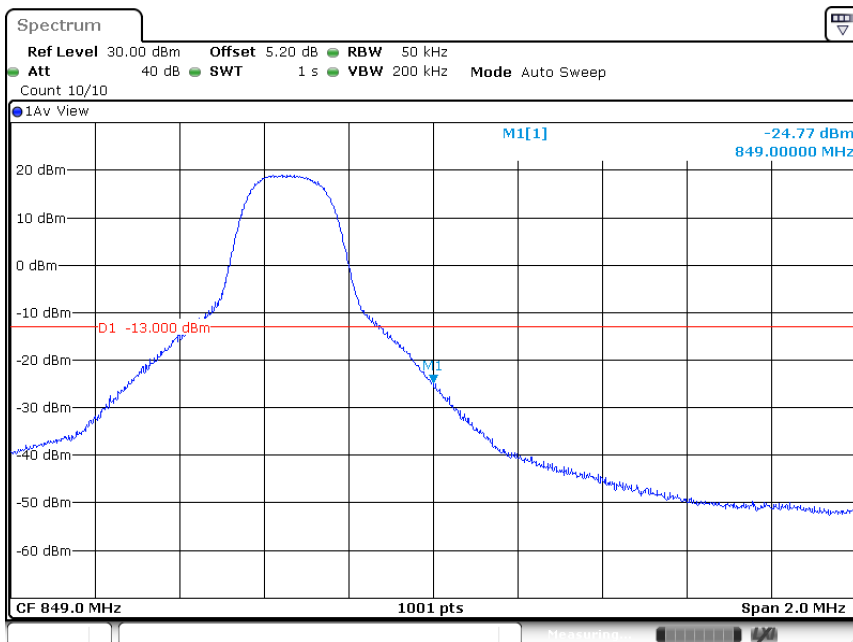


Band5-5MHz-QPSK-20425-25RB#0



Date: 14.OCT.2020 09:19:44

Band5-5MHz-QPSK-20625-1RB#24



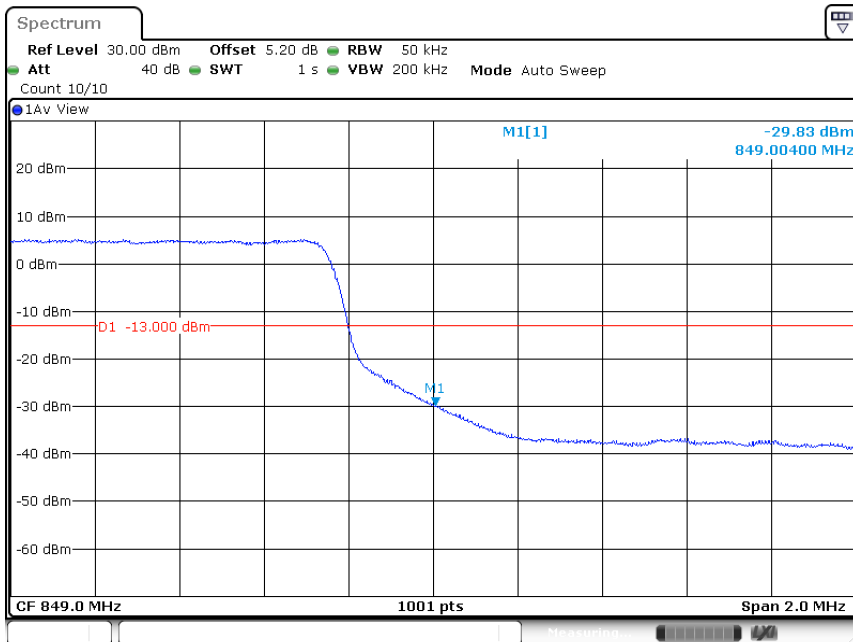
Date: 14.OCT.2020 09:20:39



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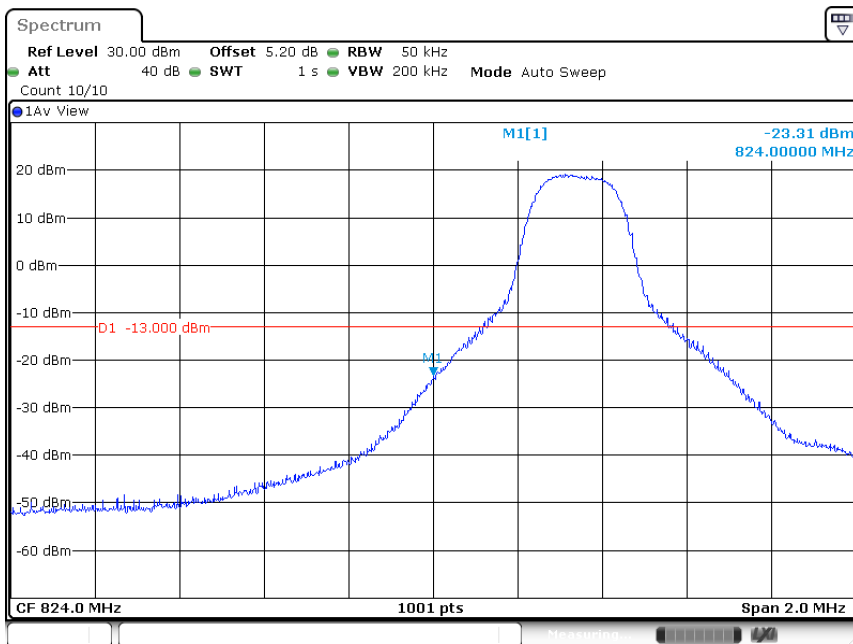
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Band5-5MHz-QPSK-20625-25RB#0



Date: 14.OCT.2020 09:21:26

Band5-5MHz-16QAM-20425-1RB#0



Date: 14.OCT.2020 09:19:20



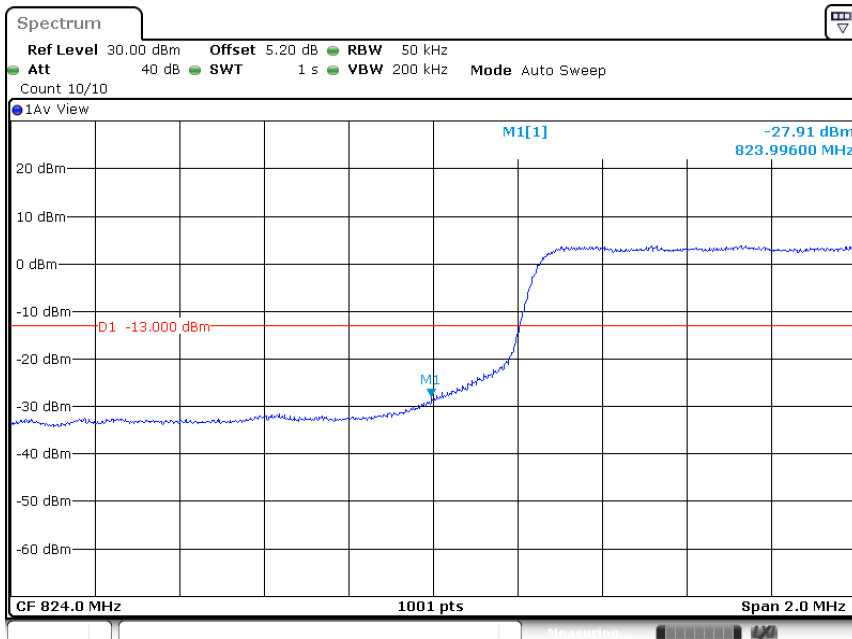
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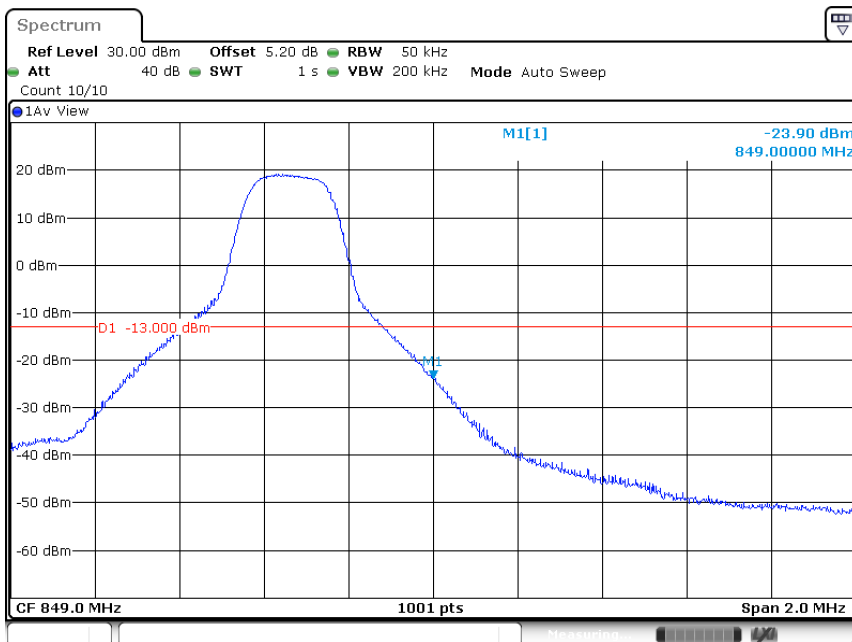
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Band5-5MHz-16QAM-20425-25RB#0



Date: 14.OCT.2020 09:20:07

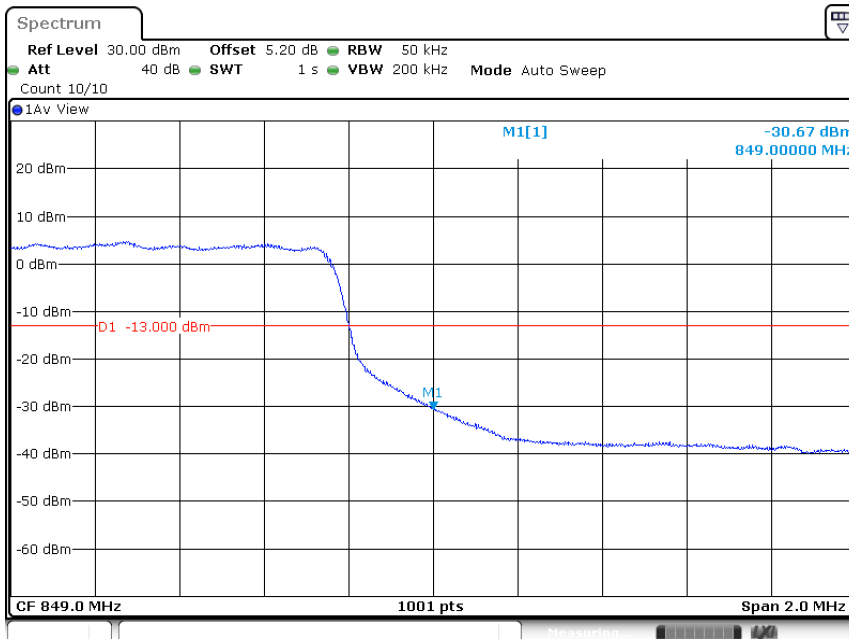
Band5-5MHz-16QAM-20625-1RB#24



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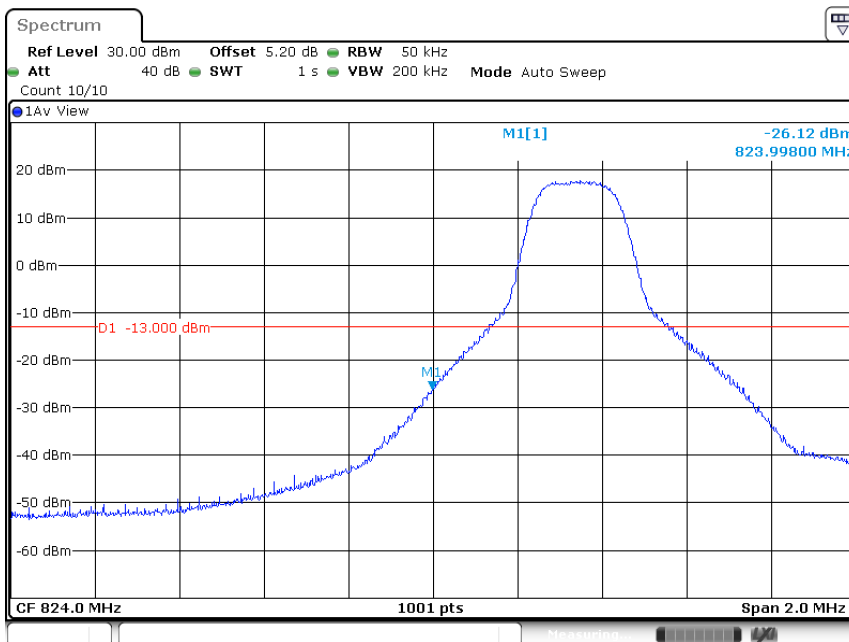


Band5-5MHz-16QAM-20625-25RB#0



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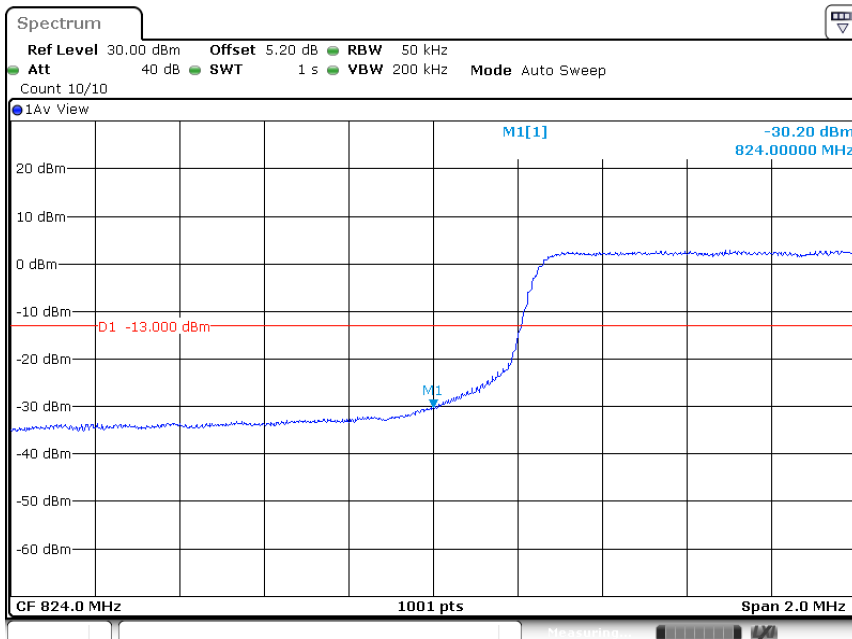
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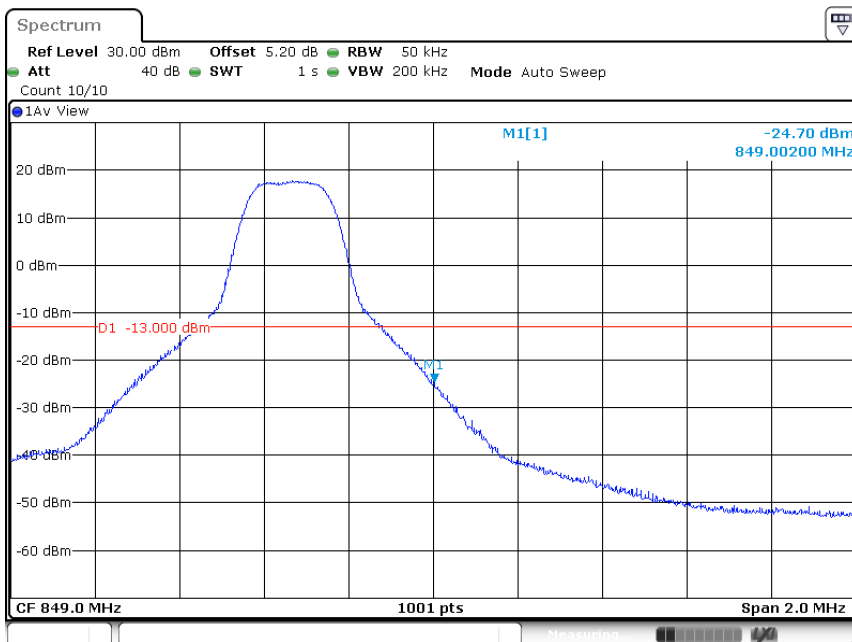


Band5-5MHz-64QAM-20425-25RB#0



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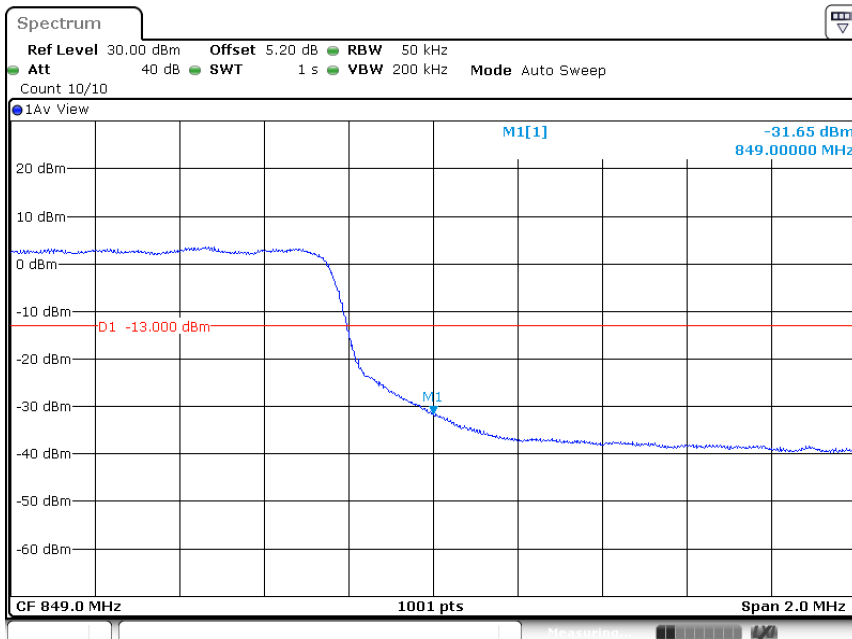
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Date: 14.OCT.2020 11:03:44

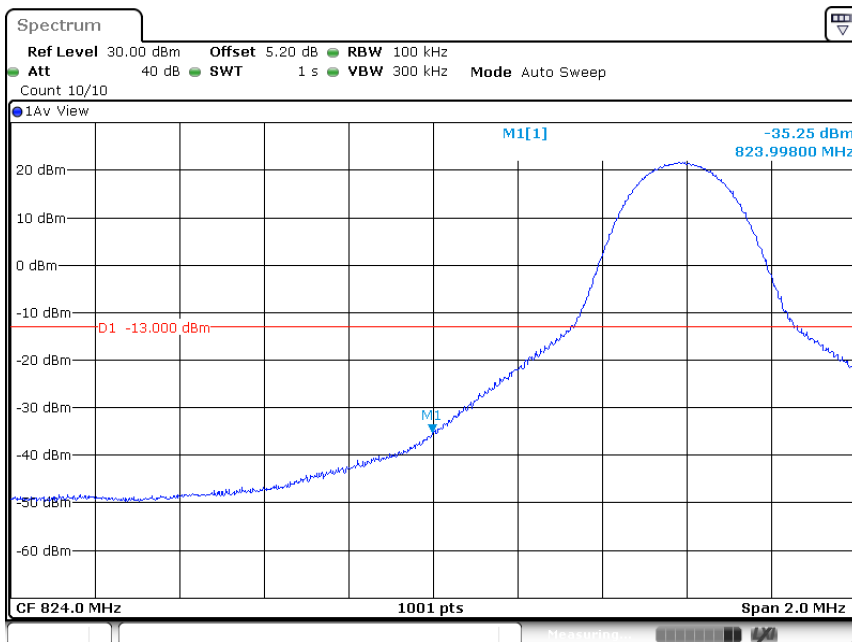


Band5-5MHz-64QAM-20625-25RB#0



Date: 14.OCT.2020 11:04:07

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



Date: 14.OCT.2020 09:22:22

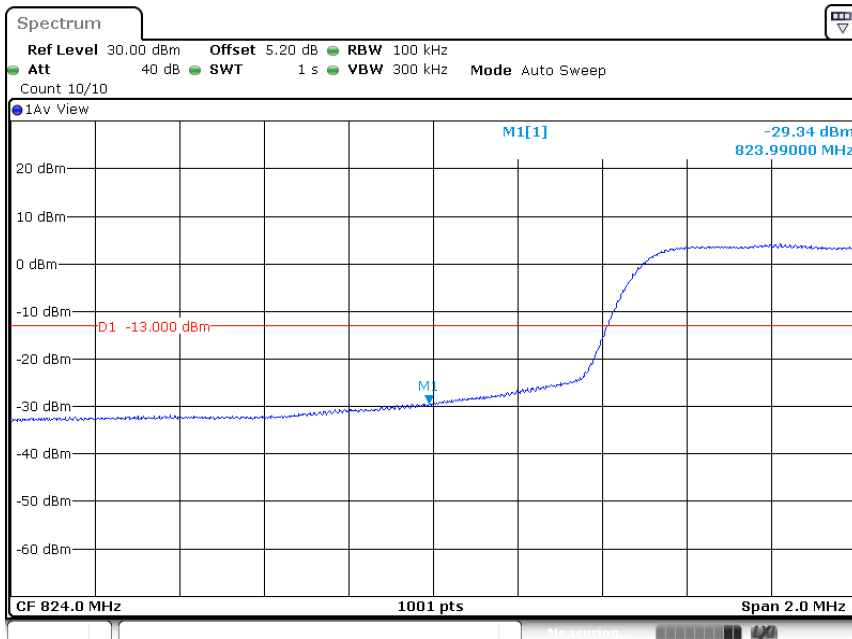


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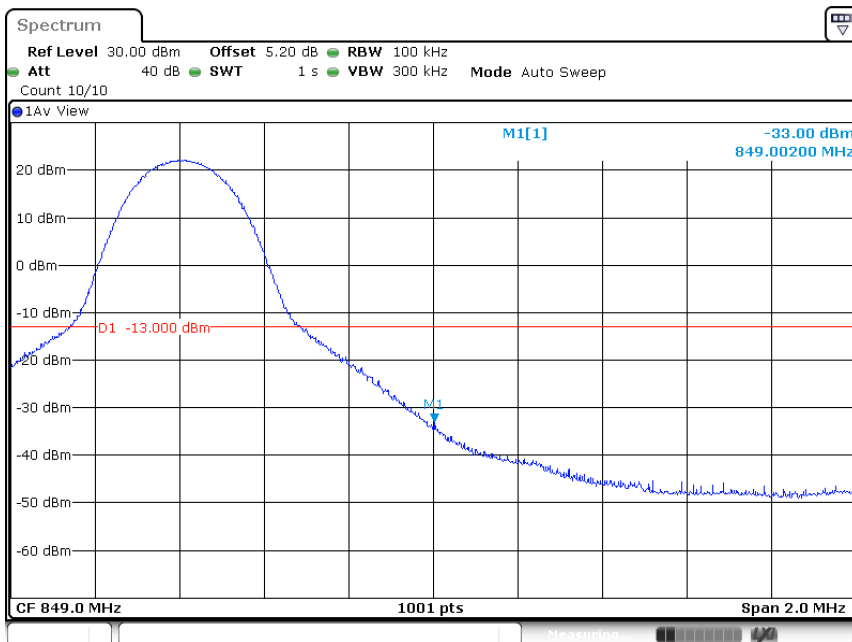
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Band5-10MHz-QPSK-20450-50RB#0



Date: 14.OCT.2020 09:23:09

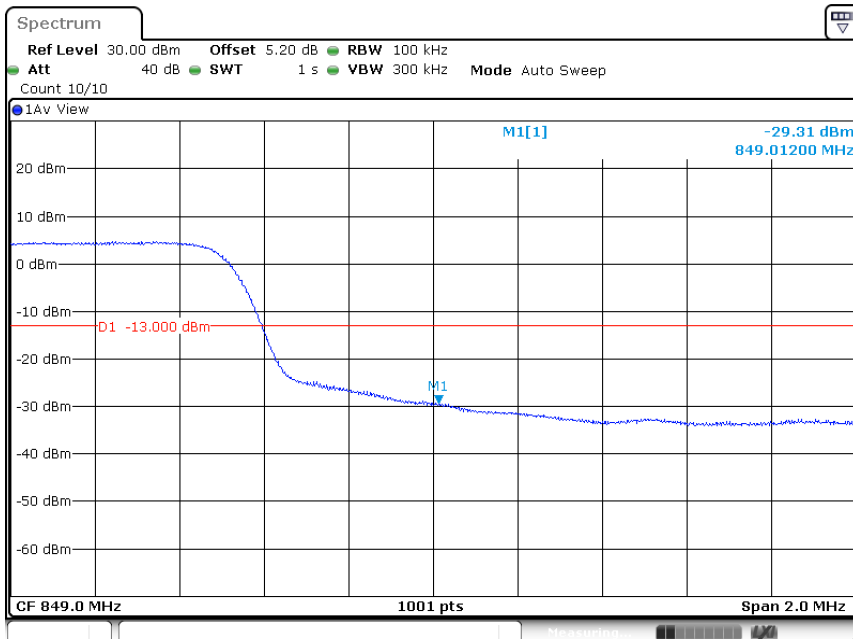
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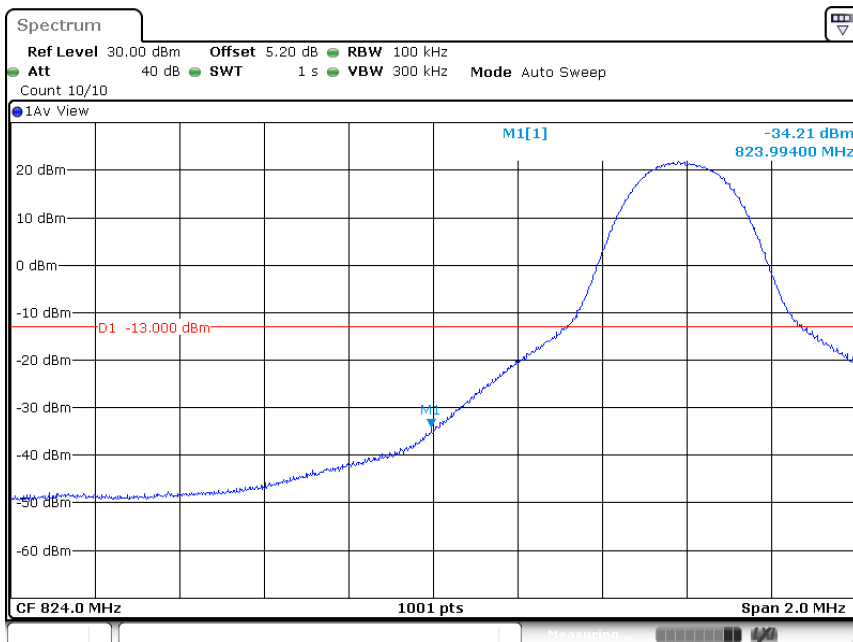


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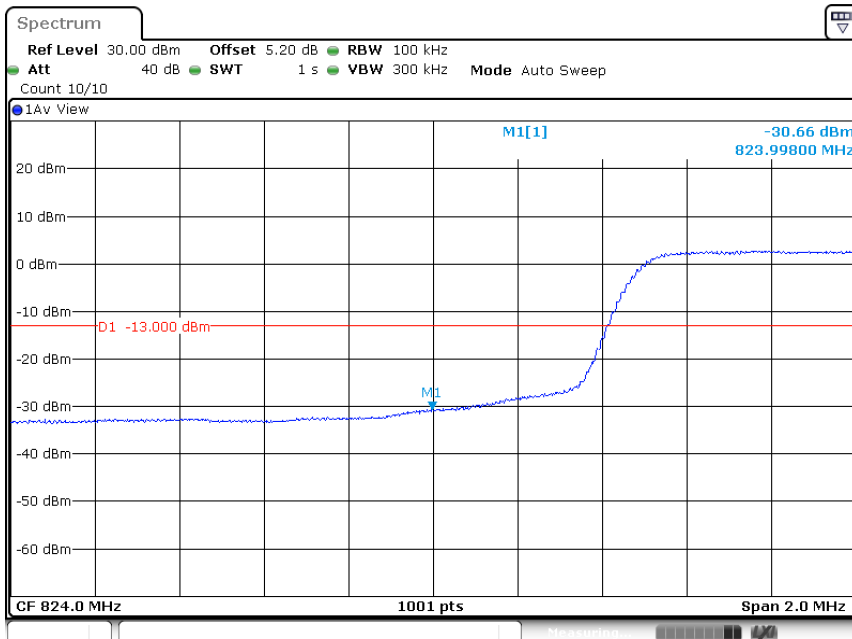
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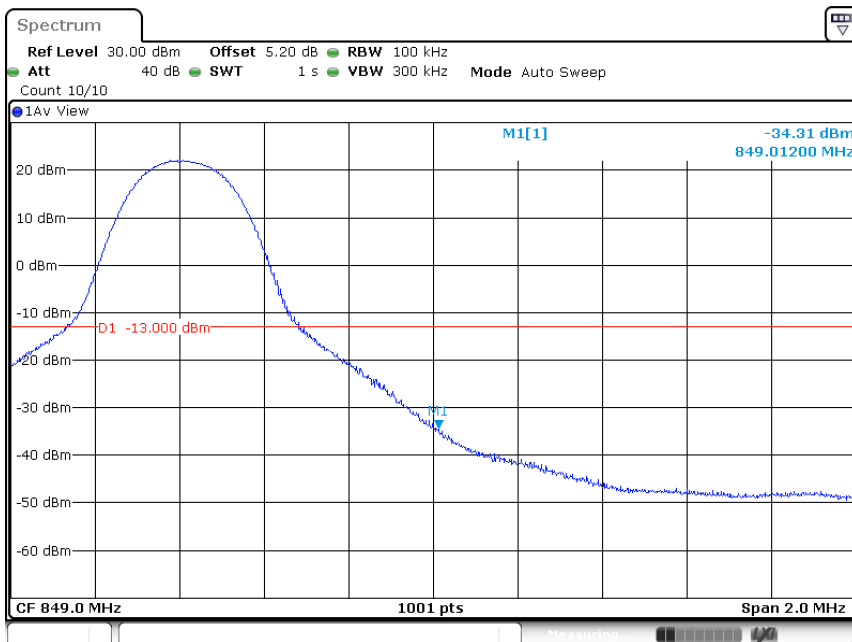


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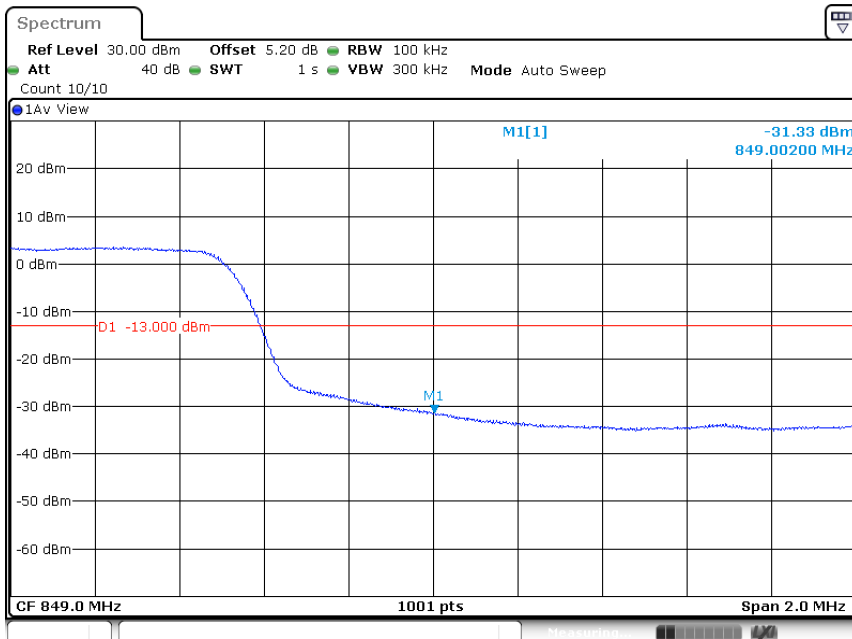
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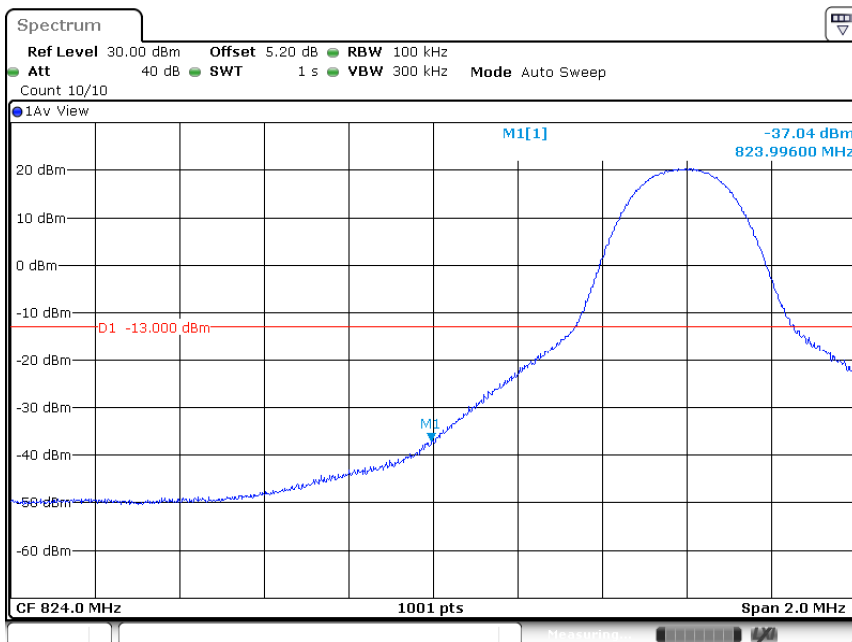


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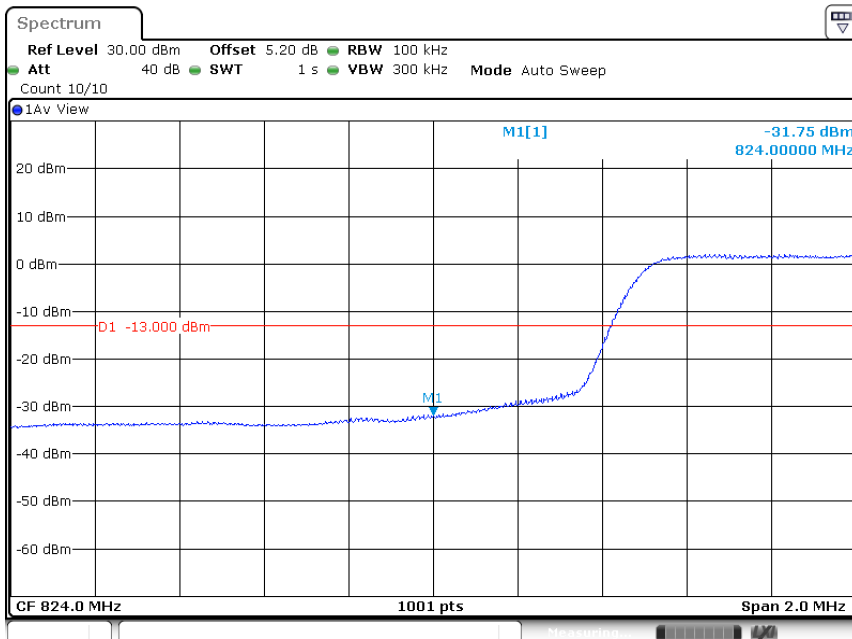
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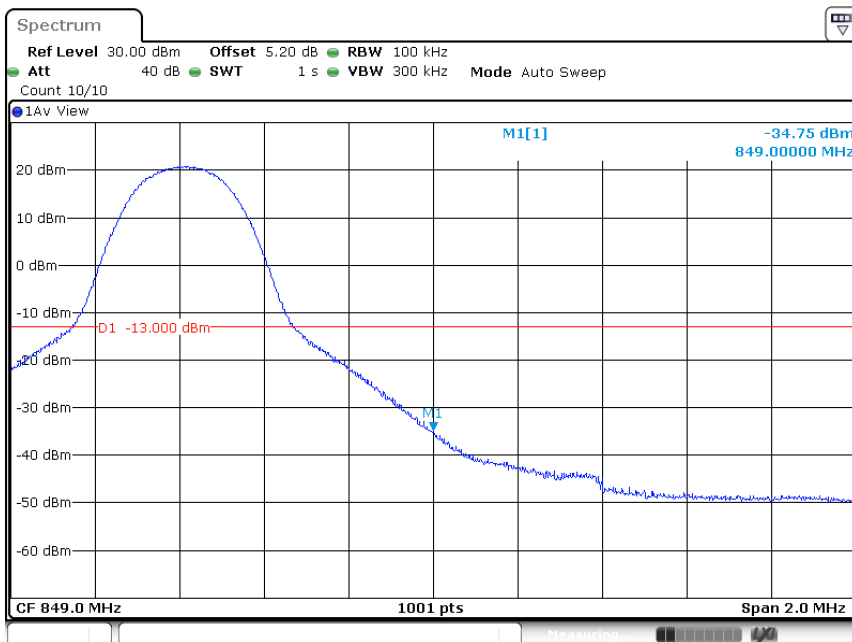


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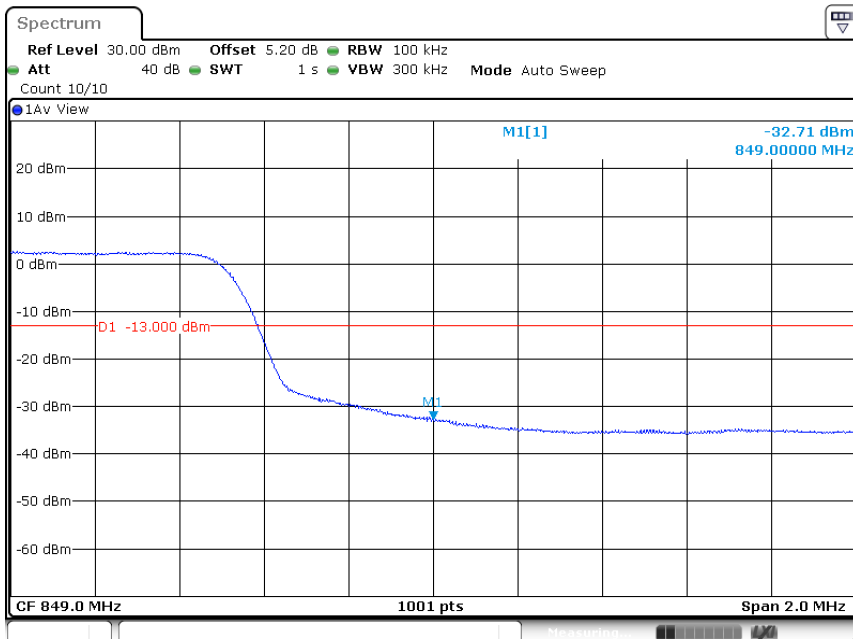
Band5-10MHz-64QAM-20600-1RB#49



Date: 14.OCT.2020 11:05:36



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



Date: 14.OCT.2020 11:06:00



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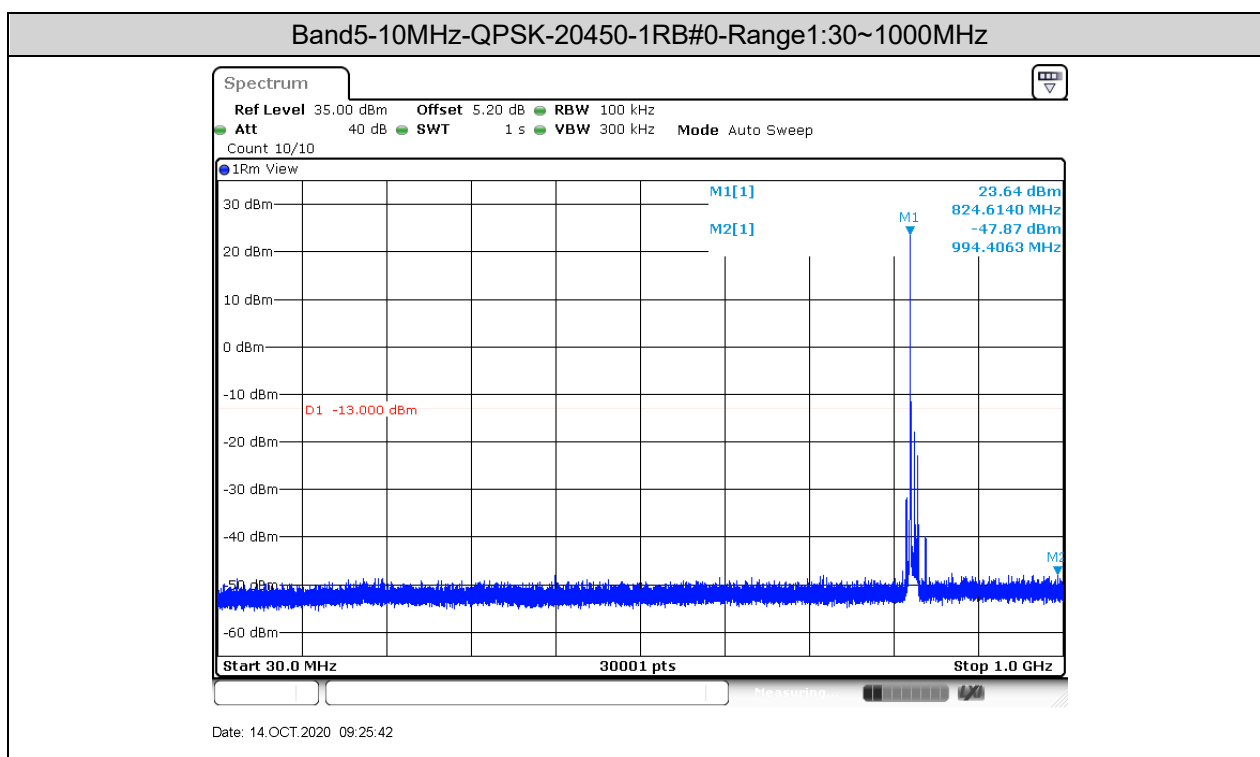
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6 Spurious Emission at Antenna Terminal

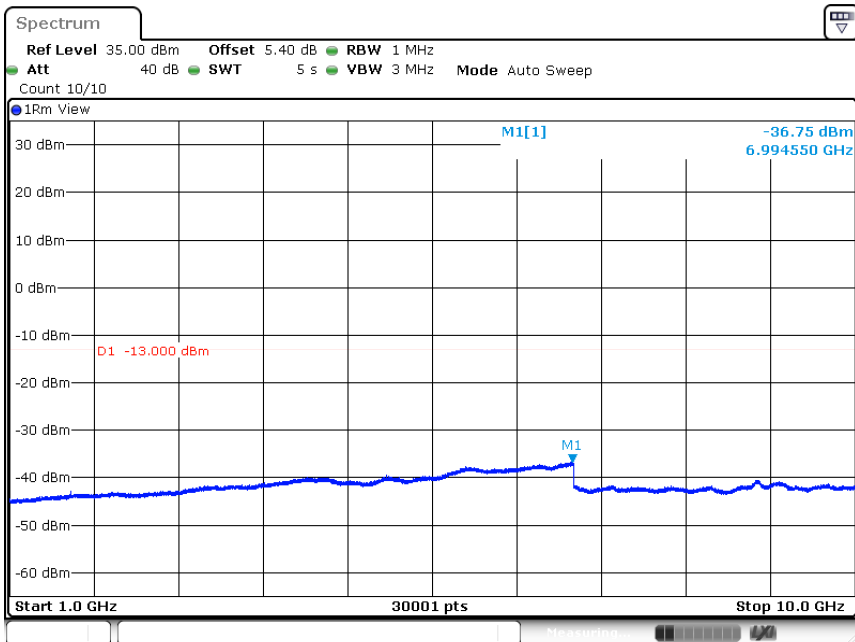
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1 Test Plots

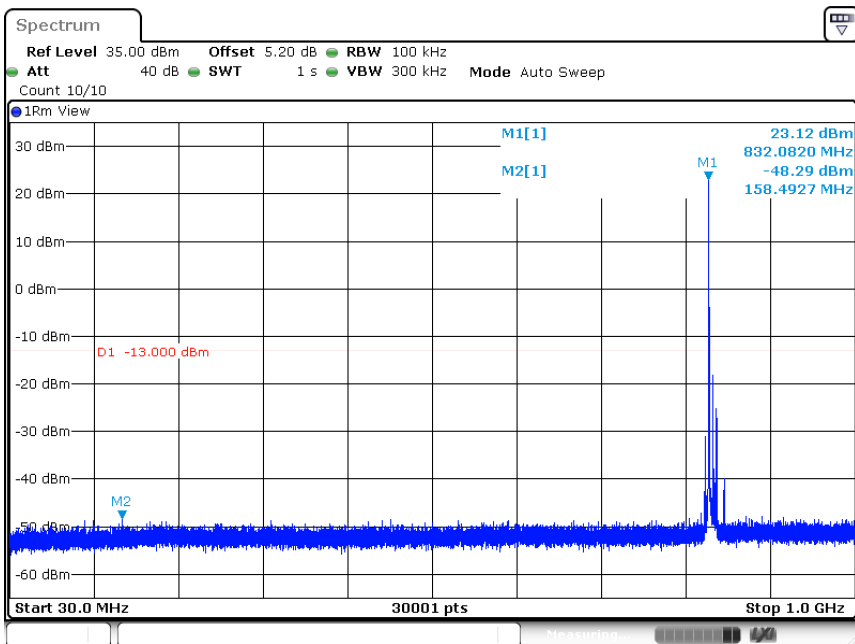


Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 09:26:50

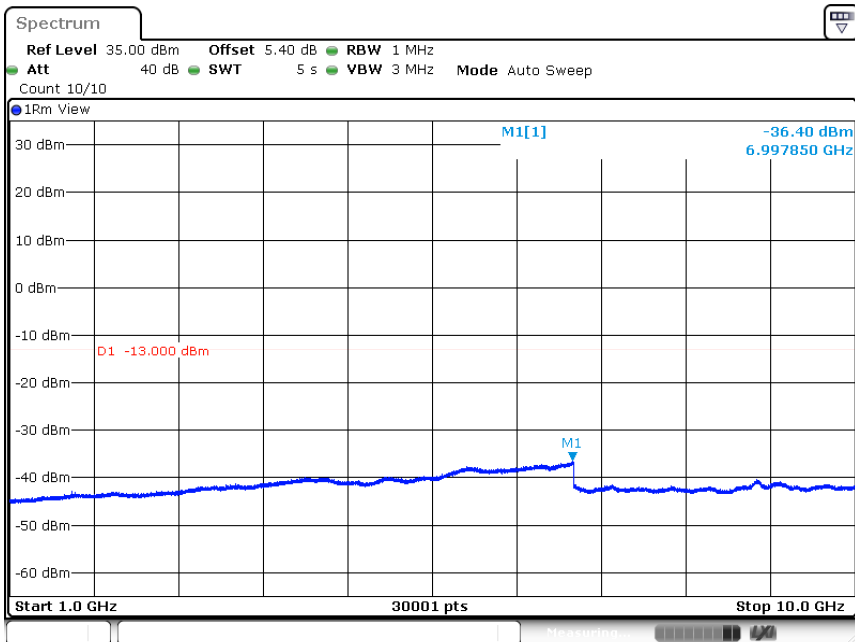
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Date: 14.OCT.2020 09:28:44

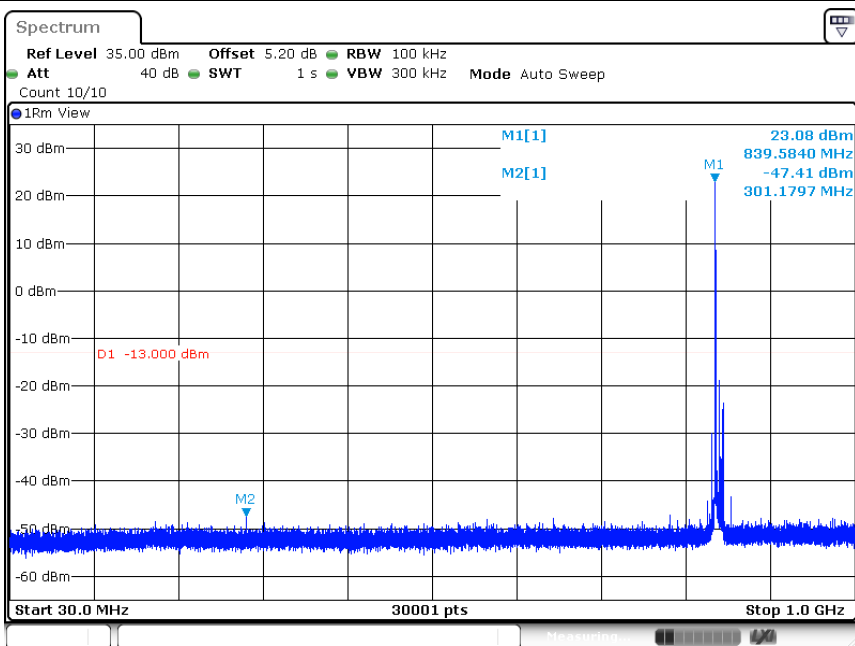


Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 09:29:53

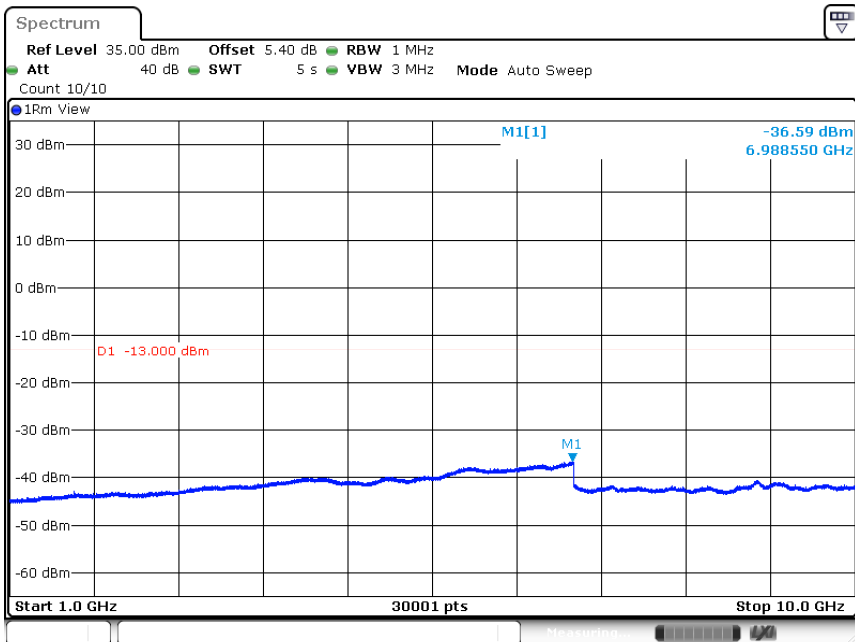
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Date: 14.OCT.2020 09:31:46

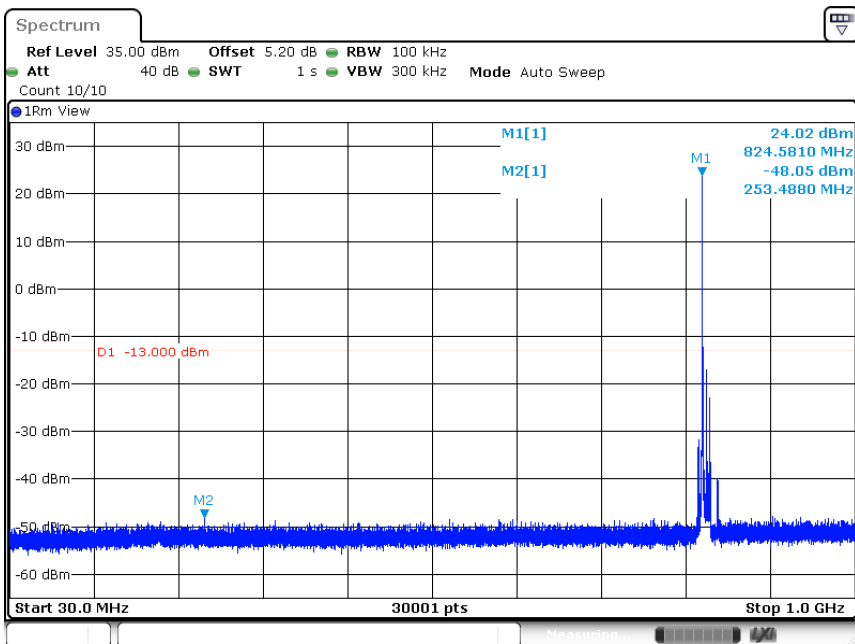


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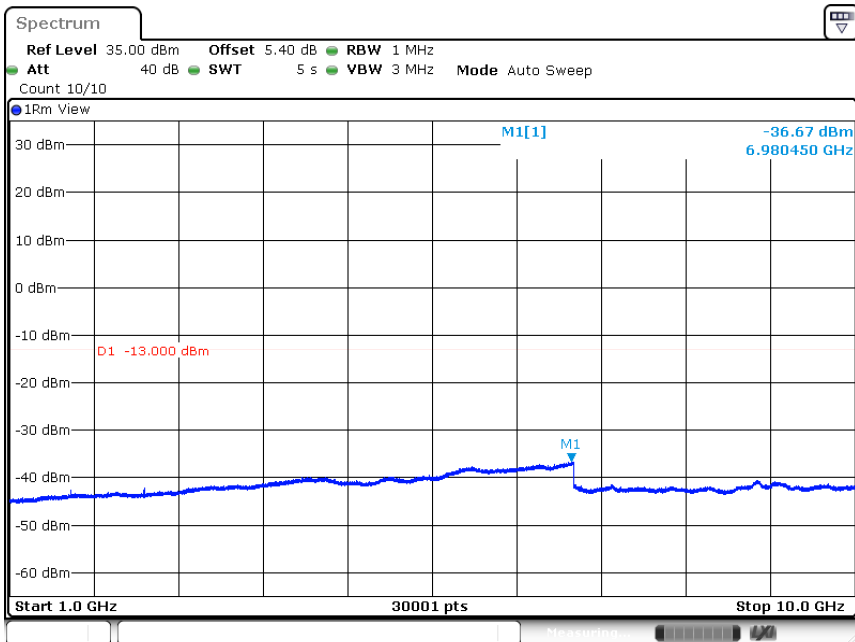
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Date: 14.OCT.2020 09:27:13

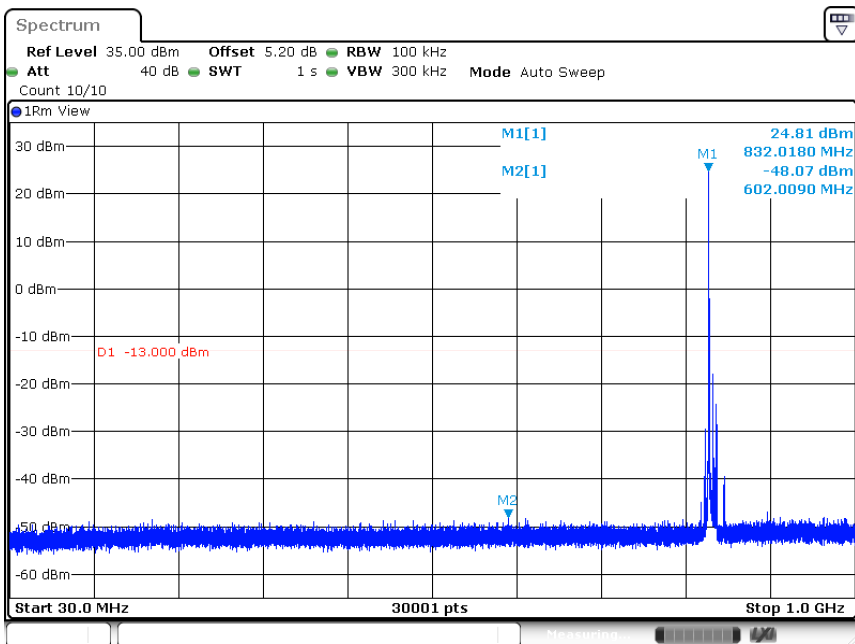


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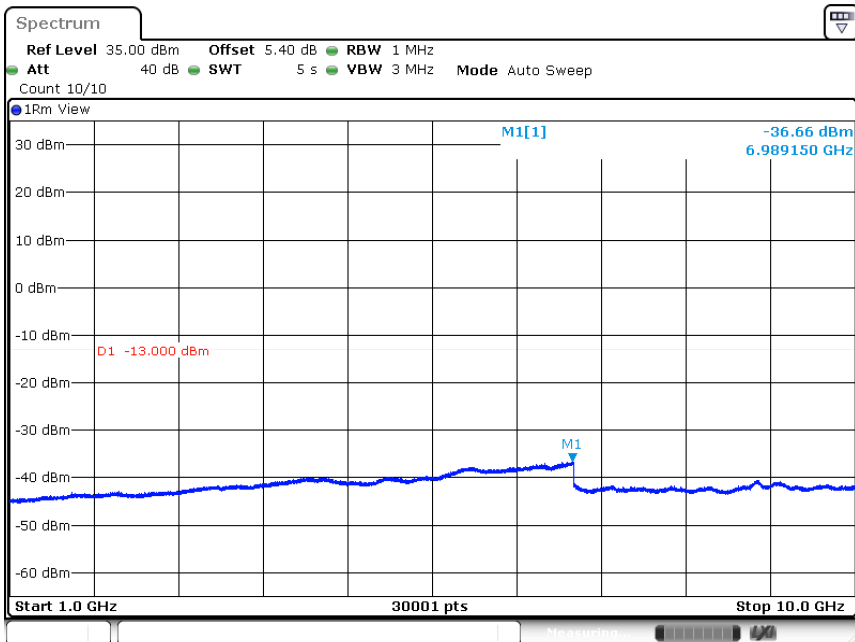
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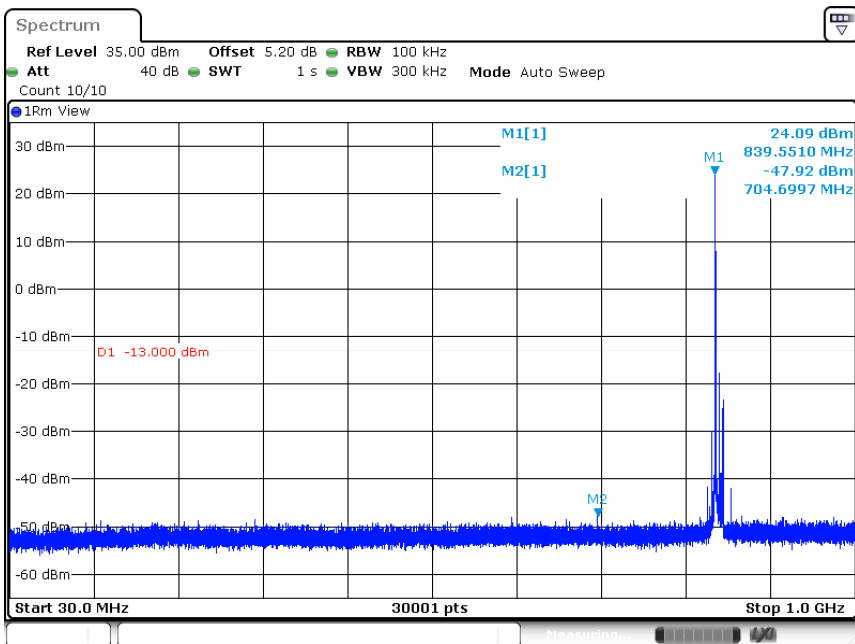


Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 09:31:23

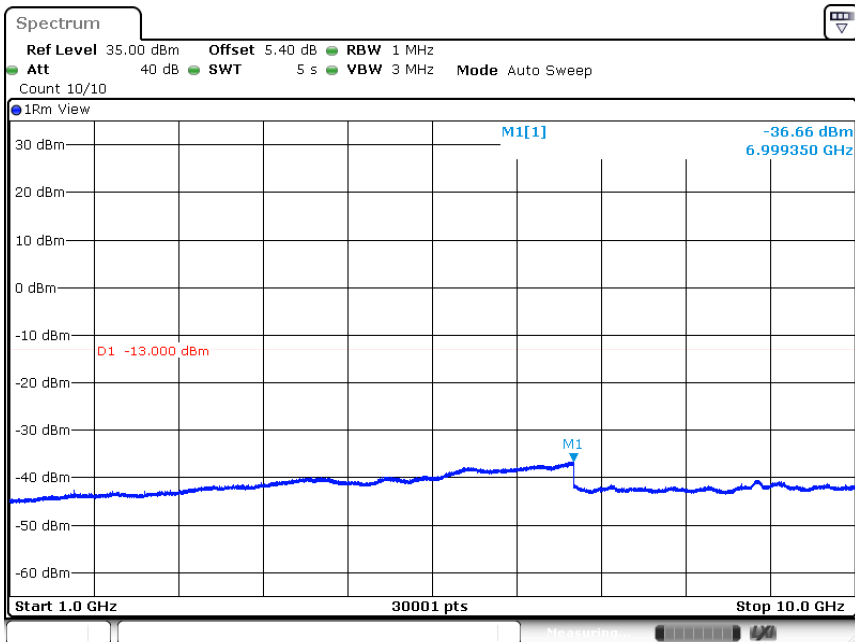
Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 09:33:19

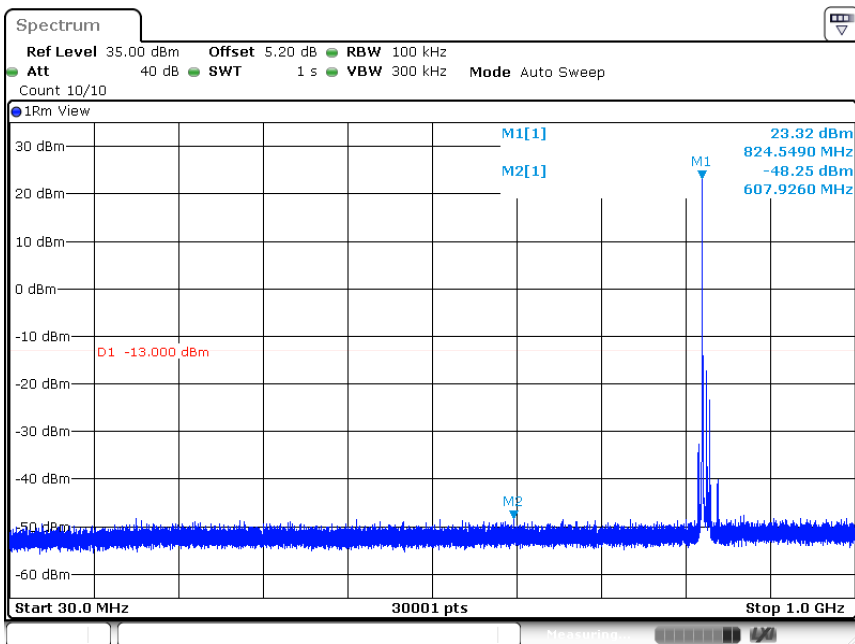


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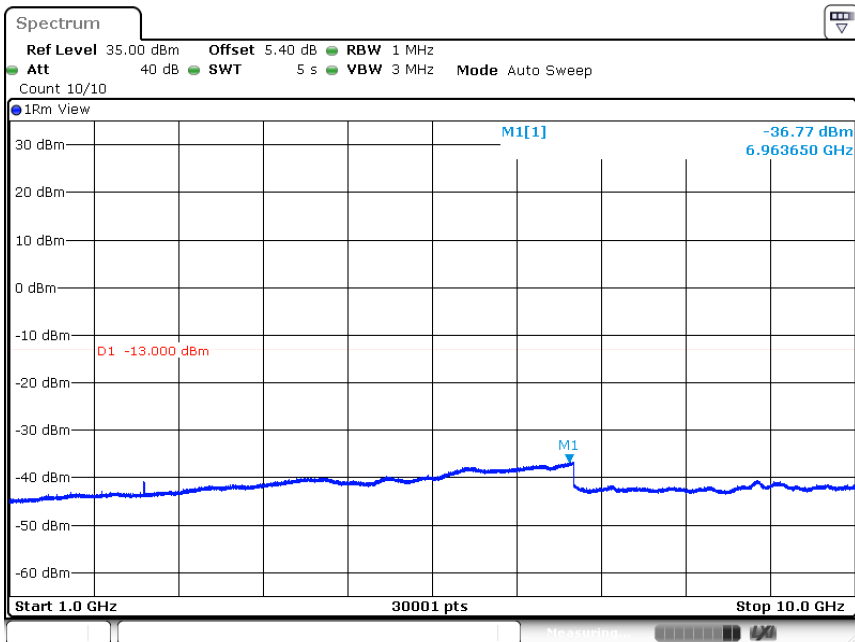
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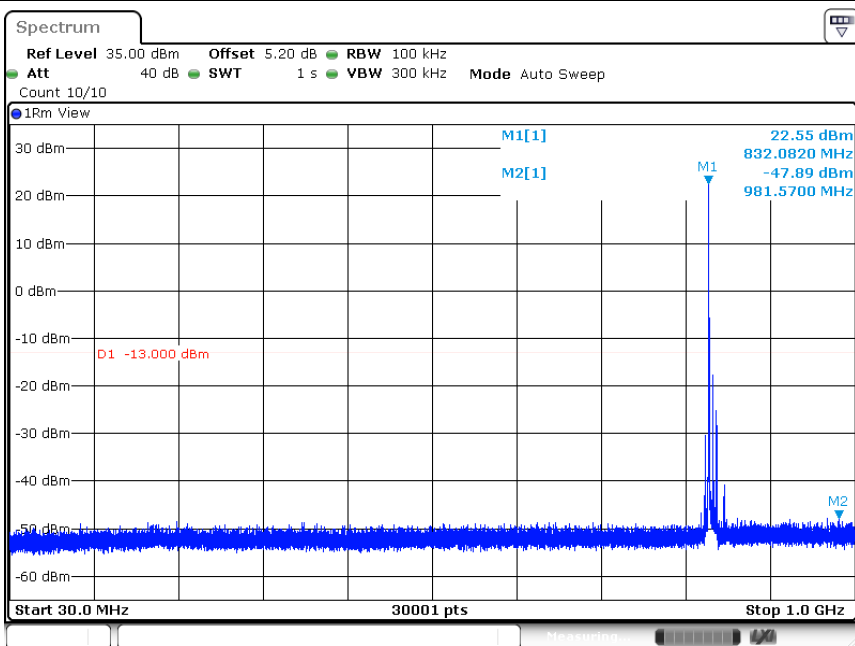


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Date: 14.OCT.2020 11:07:37

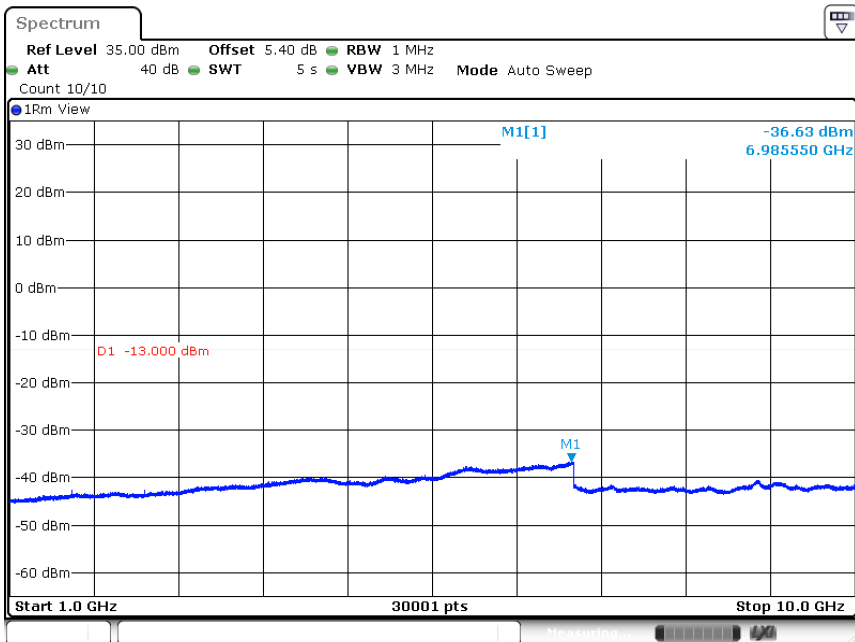
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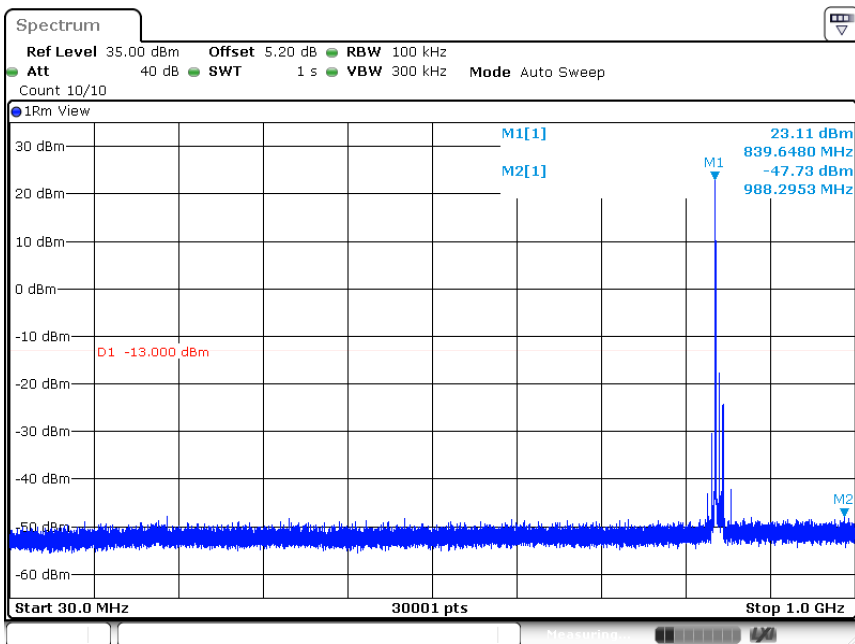


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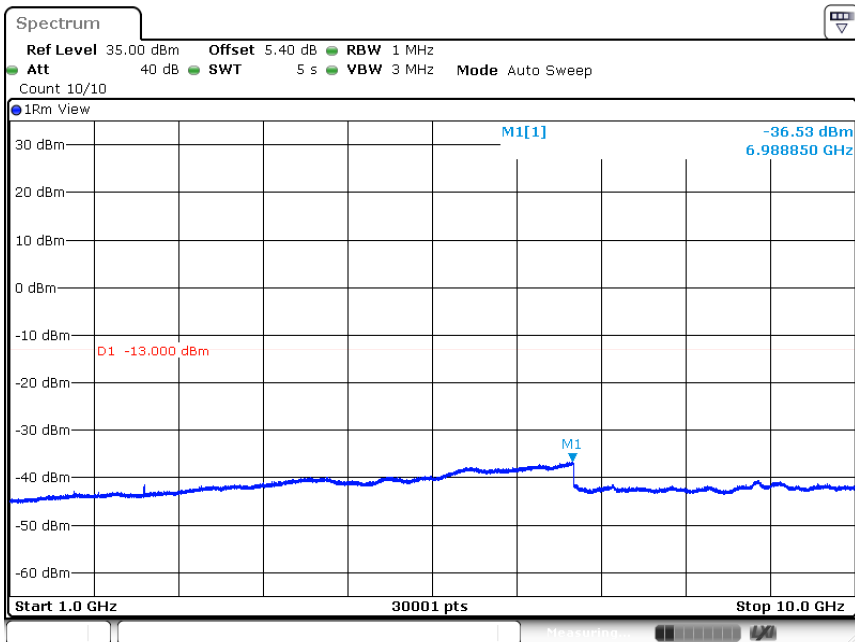
Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 11:09:31



Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 11:10:39





7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 10MHz(Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1940	-74.23	-13.00	61.23	Vertical
109.4470	-63.14	-13.00	50.14	Vertical
442.6586	-64.90	-13.00	51.90	Vertical
1648.9298	-57.76	-13.00	44.76	Vertical
2473.4947	-50.90	-13.00	37.90	Vertical
3496.0832	-60.95	-13.00	47.95	Vertical
41.1071	-62.02	-13.00	49.02	Horizontal
102.0261	-73.34	-13.00	60.34	Horizontal
231.7216	-65.53	-13.00	52.53	Horizontal
1649.3299	-56.83	-13.00	43.83	Horizontal
2473.8948	-41.54	-13.00	28.54	Horizontal
9303.0101	-52.65	-13.00	39.65	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1940	-73.74	-13.00	60.74	Vertical
109.0590	-62.74	-13.00	49.74	Vertical
328.7264	-66.35	-13.00	53.35	Vertical
1664.1328	-56.08	-13.00	43.08	Vertical
2496.2993	-51.78	-13.00	38.78	Vertical
9324.7108	-52.49	-13.00	39.49	Vertical
39.8460	-62.55	-13.00	49.55	Horizontal
99.3100	-73.27	-13.00	60.27	Horizontal
239.8215	-65.50	-13.00	52.50	Horizontal
1664.1328	-59.17	-13.00	46.17	Horizontal
2496.2993	-49.48	-13.00	36.48	Horizontal
9291.1097	-52.25	-13.00	39.25	Horizontal



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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-73.65	-13.00	60.65	Vertical
111.8721	-61.37	-13.00	48.37	Vertical
306.7063	-66.95	-13.00	53.95	Vertical
1679.3359	-56.66	-13.00	43.66	Vertical
2518.7037	-50.82	-13.00	37.82	Vertical
9301.8434	-52.34	-13.00	39.34	Vertical
40.5735	-61.69	-13.00	48.69	Horizontal
101.7836	-73.23	-13.00	60.23	Horizontal
243.9442	-65.26	-13.00	52.26	Horizontal
1679.3359	-59.20	-13.00	46.20	Horizontal
2519.1038	-48.38	-13.00	35.38	Horizontal
9316.3105	-52.62	-13.00	39.62	Horizontal

7.2 Test Mode =LTE/TM1 10MHz(Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.3395	-73.88	-13.00	60.88	Vertical
106.5853	-63.28	-13.00	50.28	Vertical
306.8518	-66.07	-13.00	53.07	Vertical
1648.9298	-60.25	-13.00	47.25	Vertical
2473.8948	-47.04	-13.00	34.04	Vertical
4122.8374	-58.52	-13.00	45.52	Vertical
39.6035	-62.67	-13.00	49.67	Horizontal
103.8207	-73.00	-13.00	60.00	Horizontal
230.4120	-66.07	-13.00	53.07	Horizontal
1648.9298	-59.69	-13.00	46.69	Horizontal
2473.8948	-48.53	-13.00	35.53	Horizontal
4122.8374	-60.78	-13.00	47.78	Horizontal





7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0485	-73.80	-13.00	60.80	Vertical
105.1303	-63.41	-13.00	50.41	Vertical
390.9550	-65.43	-13.00	52.43	Vertical
1664.1328	-59.39	-13.00	46.39	Vertical
2496.2993	-48.92	-13.00	35.92	Vertical
4160.4053	-60.13	-13.00	47.13	Vertical
45.2298	-62.44	-13.00	49.44	Horizontal
80.3940	-73.58	-13.00	60.58	Horizontal
229.8785	-64.96	-13.00	51.96	Horizontal
1664.1328	-58.50	-13.00	45.50	Horizontal
2496.2993	-49.15	-13.00	36.15	Horizontal
4160.4053	-59.69	-13.00	46.69	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6305	-74.02	-13.00	61.02	Vertical
108.2829	-62.64	-13.00	49.64	Vertical
284.8802	-67.11	-13.00	54.11	Vertical
1678.9358	-59.52	-13.00	46.52	Vertical
2518.7037	-48.85	-13.00	35.85	Vertical
4198.2066	-60.40	-13.00	47.40	Vertical
42.9016	-62.10	-13.00	49.10	Horizontal
104.6452	-73.59	-13.00	60.59	Horizontal
236.2808	-65.05	-13.00	52.05	Horizontal
1678.9358	-60.99	-13.00	47.99	Horizontal
2518.7037	-48.69	-13.00	35.69	Horizontal
4197.9733	-58.92	-13.00	45.92	Horizontal



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Test on the worst case:

7.3 Test Mode =LTE/TM1 10MHz(Ant1)

7.2.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.4850	-72.11	-13.00	59.11	Vertical
112.0661	-61.97	-13.00	48.97	Vertical
338.1359	-64.66	-13.00	51.66	Vertical
1648.9298	-55.11	-13.00	42.11	Vertical
2473.8948	-48.93	-13.00	35.93	Vertical
9348.5116	-53.18	-13.00	40.18	Vertical
42.6106	-61.80	-13.00	48.80	Horizontal
102.0261	-72.30	-13.00	59.30	Horizontal
237.6874	-64.88	-13.00	51.88	Horizontal
1648.9298	-53.24	-13.00	40.24	Horizontal
2473.4947	-45.58	-13.00	32.58	Horizontal
9570.4190	-53.64	-13.00	40.64	Horizontal

7.4 Test Mode =LTE/TM1 10MHz(Ant2)

7.2.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.2910	-73.18	-13.00	60.18	Vertical
112.3086	-61.60	-13.00	48.60	Vertical
477.9684	-63.64	-13.00	50.64	Vertical
1664.1328	-51.22	-13.00	38.22	Vertical
2496.2993	-50.47	-13.00	37.47	Vertical
9892.8964	-52.68	-13.00	39.68	Vertical
43.8232	-61.17	-13.00	48.17	Horizontal
99.1160	-72.91	-13.00	59.91	Horizontal
239.0940	-64.70	-13.00	51.70	Horizontal
1664.1328	-48.76	-13.00	35.76	Horizontal
2496.2993	-46.40	-13.00	33.40	Horizontal
9318.4106	-52.96	-13.00	39.96	Horizontal



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Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
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	2.30	0.002774	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	0.90	0.001086	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	0.50	0.000603	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.70	0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	2.10	0.002510	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	0.60	0.000711	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	1.70	0.002051	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	3.60	0.004343	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	1.60	0.001896	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	0.30	0.000355	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	2.40	0.002844	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-1.30	-0.001568	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	2.60	0.003136	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	1.80	0.002152	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	0.20	0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	0.60	0.000717	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	1.10	0.001303	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	3.00	0.003555	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-0.20	-0.000237	±2.5	PASS



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8.2 Frequency Vs Temperature

Temperature										
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	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	0.60	0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	0.20	0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	2.70	0.003257	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	2.50	0.003016	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	1.30	0.001568	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	0.20	0.000241	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.80	0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.80	0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	2.70	0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	0.90	0.001076	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	0.80	0.000948	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	0.90	0.001066	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	1.60	0.001896	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	0.50	0.000592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-1.30	-0.001568	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	0.60	0.000724	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	3.60	0.004343	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	2.10	0.002533	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	1.40	0.001689	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	2.50	0.003016	±2.5	PASS



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Band5	10MHz	16QAM	20450	50RB#0	NV	30	0.80	0.000965	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	1.70	0.002051	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	0.90	0.001076	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	2.70	0.003228	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	3.00	0.003586	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	1.80	0.002152	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	0.30	0.000359	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	0.50	0.000592	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	2.60	0.003081	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	1.00	0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	0.10	0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	1.80	0.002133	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-1.90	-0.002292	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	3.40	0.004101	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	1.80	0.002171	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-1.30	-0.001568	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	0.90	0.001086	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-0.40	-0.000483	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	0.10	0.000120	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	0.70	0.000837	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	0.30	0.000359	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	0.50	0.000598	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	40	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	2.50	0.002962	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	1.40	0.001659	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	1.90	0.002251	±2.5	PASS

The End

