



Appendix B

E-UTRA BAND 12



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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
Band12	1.4MHz	QPSK	23017	1RB#0	23.54	12.69	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.27	12.42	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.45	12.6	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.41	12.56	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.32	12.47	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.38	12.53	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.48	11.63	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.49	12.64	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.28	12.43	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.45	12.6	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.36	12.51	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.32	12.47	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.33	12.48	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.49	11.64	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.56	12.71	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.45	12.6	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.64	12.79	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.60	12.75	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.44	12.59	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.47	12.62	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.61	11.76	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.65	10.8	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.67	10.82	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.70	10.85	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.42	10.57	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.36	10.51	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.32	10.47	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.41	9.56	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.66	10.81	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.50	10.65	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.68	10.83	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.38	10.53	34.77	PASS



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Band12	1.4MHz	64QAM	23095	3RB#1	21.21	10.36	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.40	10.55	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.36	9.51	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.86	11.01	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.58	10.73	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.87	11.02	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.52	10.67	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.52	10.67	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.47	10.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.43	9.58	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.57	11.72	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.25	11.4	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.68	11.83	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.56	11.71	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.39	11.54	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.52	11.67	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.33	10.48	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.59	11.74	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.32	11.47	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.61	11.76	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.42	11.57	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.32	11.47	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.48	11.63	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.29	10.44	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.66	11.81	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.47	11.62	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.69	11.84	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.59	11.74	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.44	11.59	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.47	11.62	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.47	10.62	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.57	12.72	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.44	12.59	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.39	12.54	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.43	11.58	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.42	11.57	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.41	11.56	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.42	11.57	34.77	PASS



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Band12	3MHz	QPSK	23095	1RB#0	23.41	12.56	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.50	12.65	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.45	12.6	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.37	11.52	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.49	11.64	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.41	11.56	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.45	11.6	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.53	12.68	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.70	12.85	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.63	12.78	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.62	11.77	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.53	11.68	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.56	11.71	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.62	11.77	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.76	10.91	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.62	10.77	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.56	10.71	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.39	9.54	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.34	9.49	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.41	9.56	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.32	9.47	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.52	10.67	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.57	10.72	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.58	10.73	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.37	9.52	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.31	9.46	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.38	9.53	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.34	9.49	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.69	10.84	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.72	10.87	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.79	10.94	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.43	9.58	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.53	9.68	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.50	9.65	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.44	9.59	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.60	11.75	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.63	11.78	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.58	11.73	34.77	PASS



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Band12	3MHz	16QAM	23025	8RB#0	21.34	10.49	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.33	10.48	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.44	10.59	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.41	10.56	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.57	11.72	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.61	11.76	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.58	11.73	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.43	10.58	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.40	10.55	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.32	10.47	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.36	10.51	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.66	11.81	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.75	11.9	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.66	11.81	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.54	10.69	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.48	10.63	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.50	10.65	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.55	10.7	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.48	12.63	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.86	12.01	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.38	12.53	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.49	11.64	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.40	11.55	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.41	11.56	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.41	11.56	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.49	12.64	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.90	12.05	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.44	12.59	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.47	11.62	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.44	11.59	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.50	11.65	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.46	11.61	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.59	12.74	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.02	12.17	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.63	12.78	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.63	11.78	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.51	11.66	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.58	11.73	34.77	PASS



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Band12	5MHz	QPSK	23155	25RB#0	22.52	11.67	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.70	10.85	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.15	10.3	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.43	10.58	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.54	9.69	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.36	9.51	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.32	9.47	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.33	9.48	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.55	10.7	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.14	10.29	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.56	10.71	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.41	9.56	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.34	9.49	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.41	9.56	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.39	9.54	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.74	10.89	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.27	10.42	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.76	10.91	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.58	9.73	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.43	9.58	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.52	9.67	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.47	9.62	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.62	11.77	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.04	11.19	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.55	11.7	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.40	10.55	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.33	10.48	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.34	10.49	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.30	10.45	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.70	11.85	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.11	11.26	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.74	11.89	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.37	10.52	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.34	10.49	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.44	10.59	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.46	10.61	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.63	11.78	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.32	11.47	34.77	PASS



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Band12	5MHz	16QAM	23155	1RB#24	22.71	11.86	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.62	10.77	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.43	10.58	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.52	10.67	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.41	10.56	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.55	12.7	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.40	12.55	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.73	12.88	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.40	11.55	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.37	11.52	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.39	11.54	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.38	11.53	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.34	12.49	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.49	12.64	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.73	12.88	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.45	11.6	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.48	11.63	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.48	11.63	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.38	11.53	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.40	12.55	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.55	12.7	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.75	12.9	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.56	11.71	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.49	11.64	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.51	11.66	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.48	11.63	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.69	10.84	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.33	10.48	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.82	10.97	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.35	9.5	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.34	9.49	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.31	9.46	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.32	9.47	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.51	10.66	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.26	10.41	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.82	10.97	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.33	9.48	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.36	9.51	34.77	PASS



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Band12	10MHz	64QAM	23095	25RB#25	20.40	9.55	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.33	9.48	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.60	10.75	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.38	10.53	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.94	11.09	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.52	9.67	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.43	9.58	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.41	9.56	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.35	9.5	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.61	11.76	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.41	11.56	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.84	11.99	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.34	10.49	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.29	10.44	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.33	10.48	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.39	10.54	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.64	11.79	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.31	11.46	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.86	12.01	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.30	10.45	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.35	10.5	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.35	10.5	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.28	10.43	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.56	11.71	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.47	11.62	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.03	12.18	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.49	10.64	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.40	10.55	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.47	10.62	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.34	10.49	34.77	PASS

Remark:

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

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

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

b: SGP=Signal Generator Level



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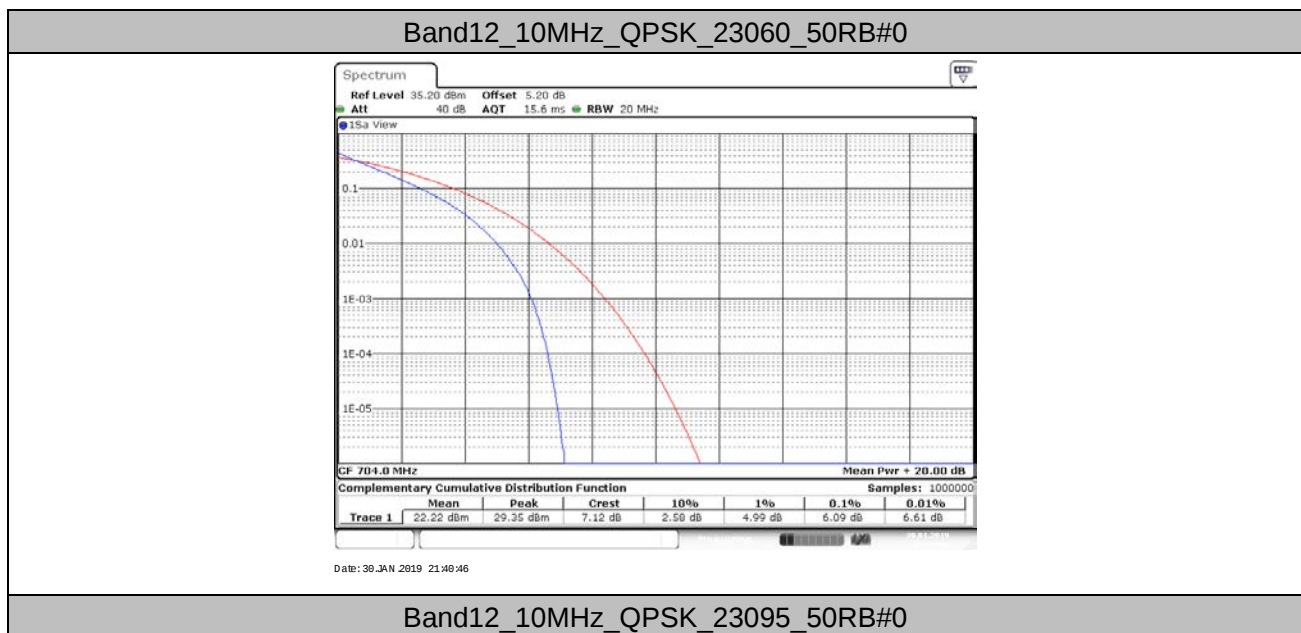


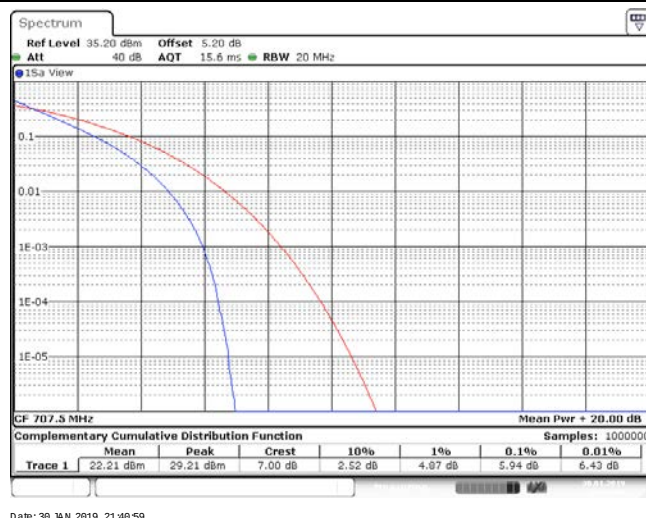
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	6.09	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.94	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	6.06	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.81	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.72	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.72	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.81	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.70	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.72	13	PASS

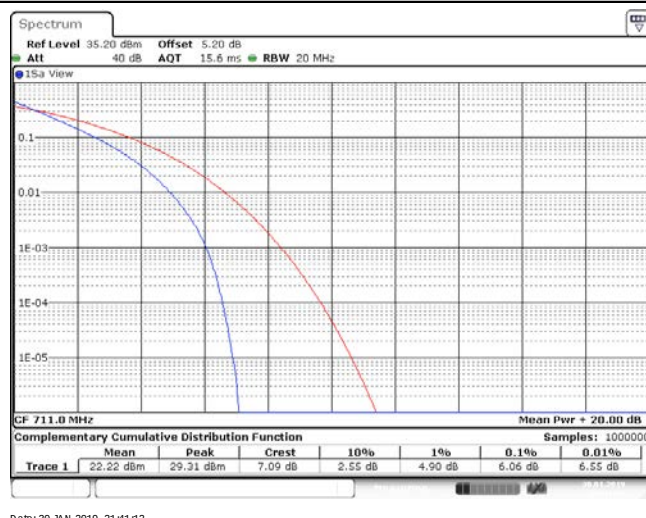
2.2. Test Plots





Date: 30 JAN 2019 21:48:59

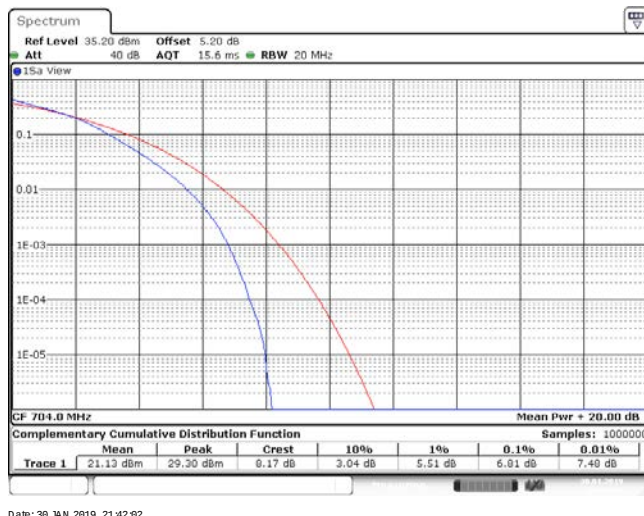
Band12_10MHz_QPSK_23130_50RB#0



Date: 30 JAN 2019 21:41:12

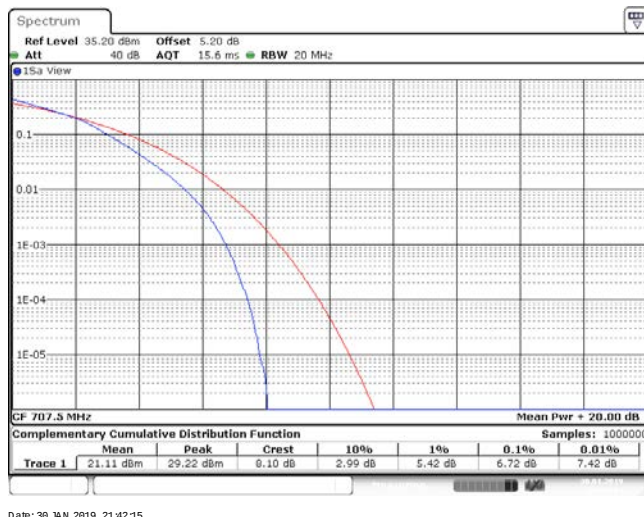
Band12_10MHz_64QAM_23060_50RB#0





Date: 30 JAN 2019 21:42:82

Band12_10MHz_64QAM_23095_50RB#0



Date: 30 JAN 2019 21:42:15

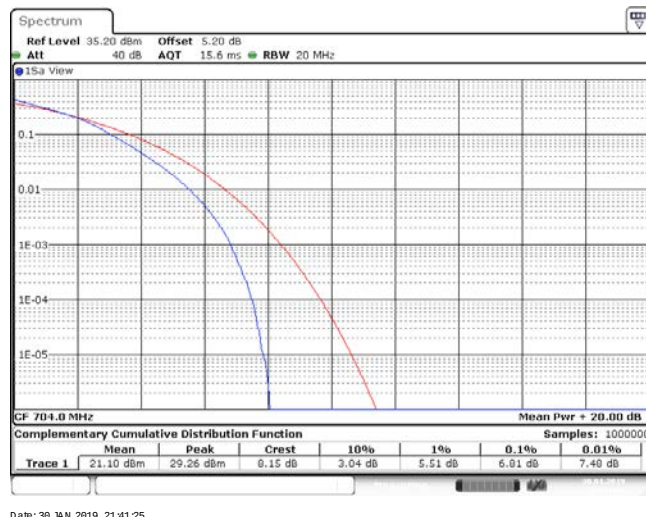
Band12_10MHz_64QAM_23130_50RB#0





Date: 30 JAN 2019 21:42:27

Band12_10MHz_16QAM_23060_50RB#0



Date: 30 JAN 2019 21:41:25

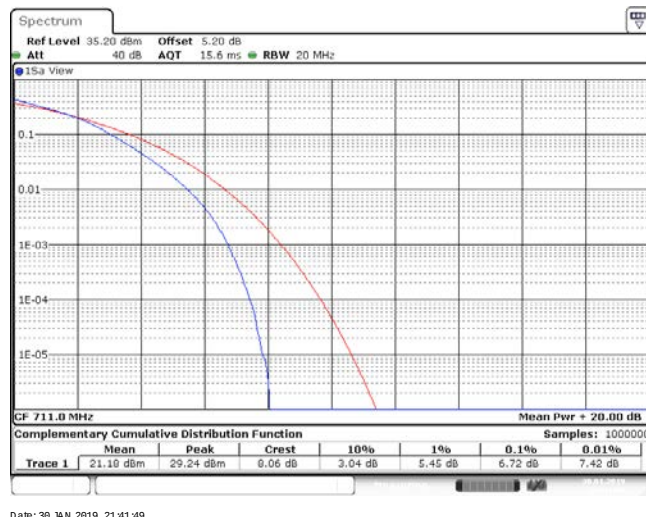
Band12_10MHz_16QAM_23095_50RB#0





Date: 30 JAN 2019 21:41:37

Band12_10MHz_16QAM_23130_50RB#0



Date: 30 JAN 2019 21:41:49

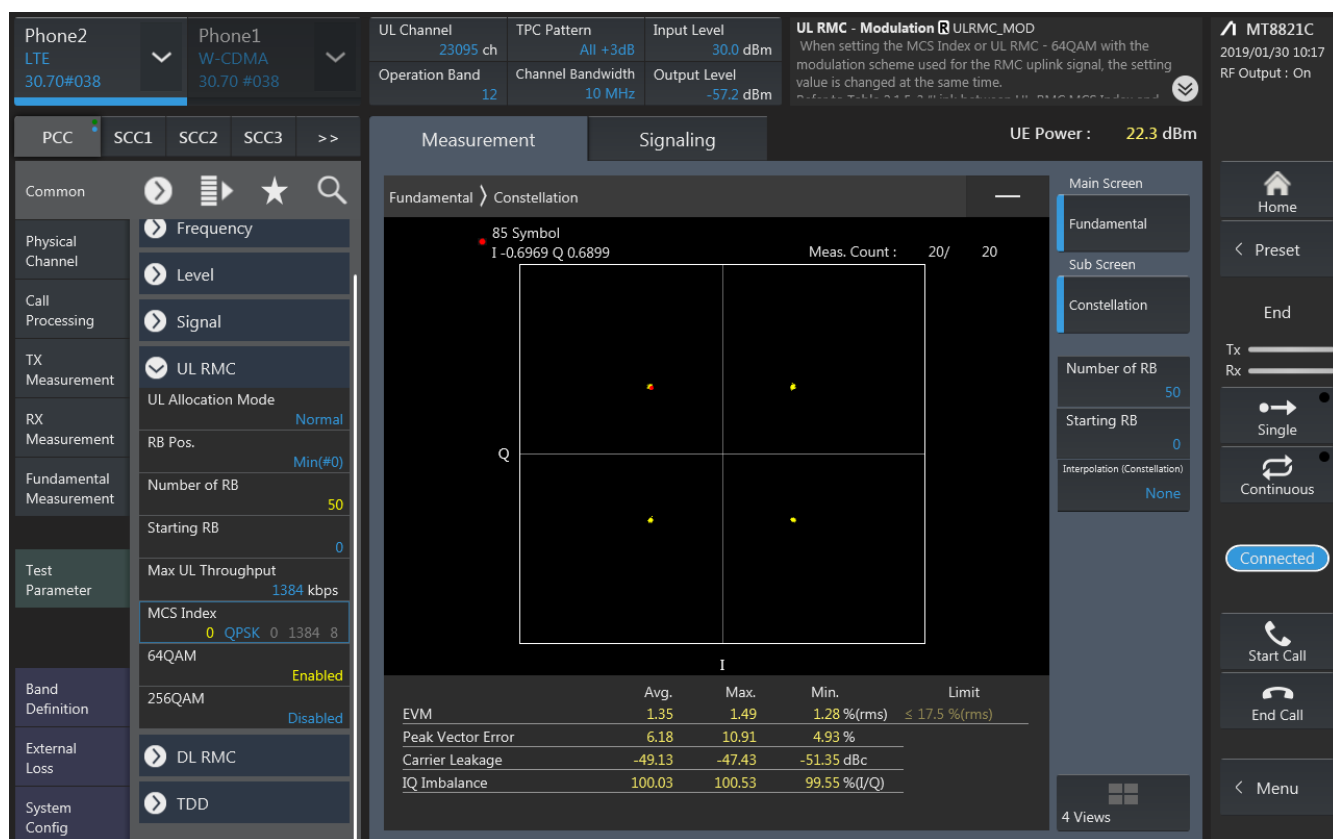


3. Modulation Characteristics

3.1. Test BAND = LTE BAND12

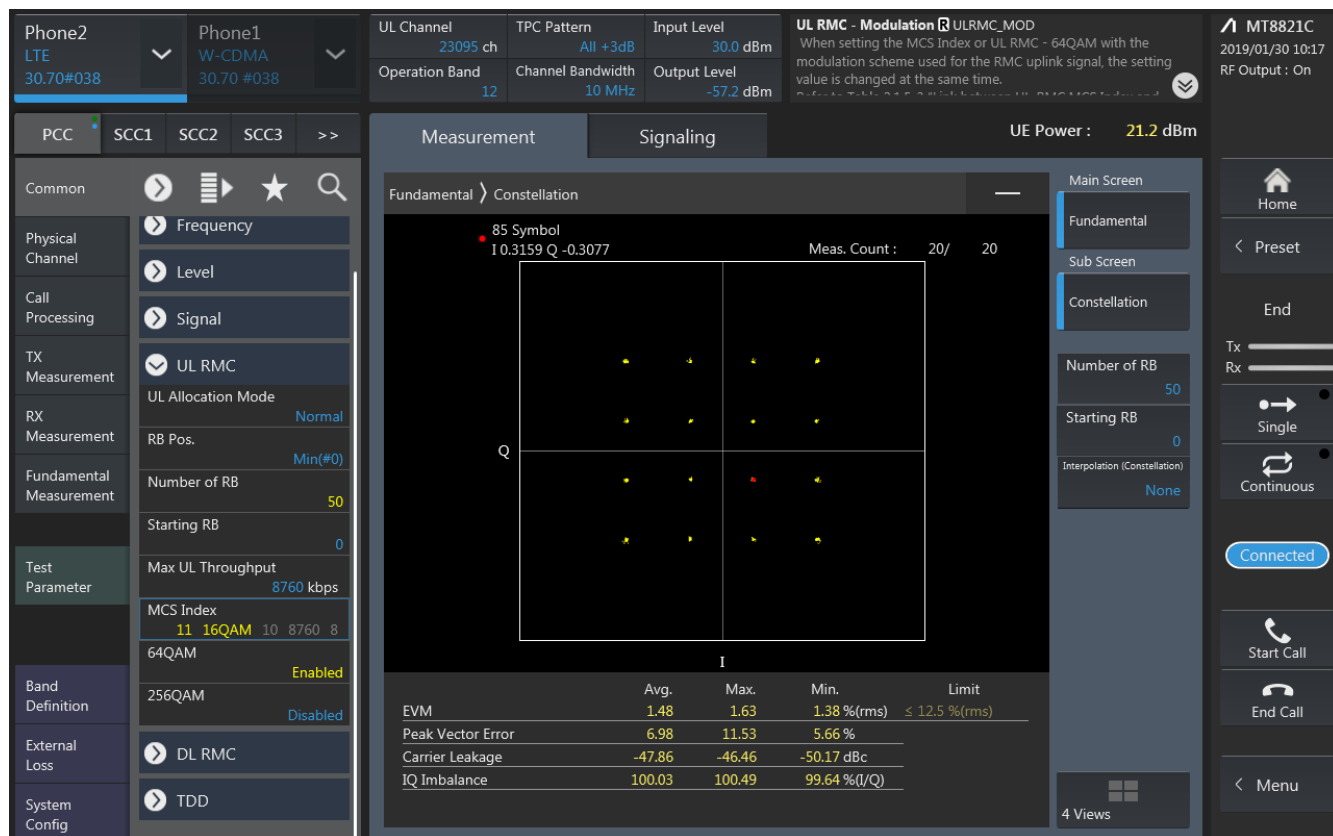
3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



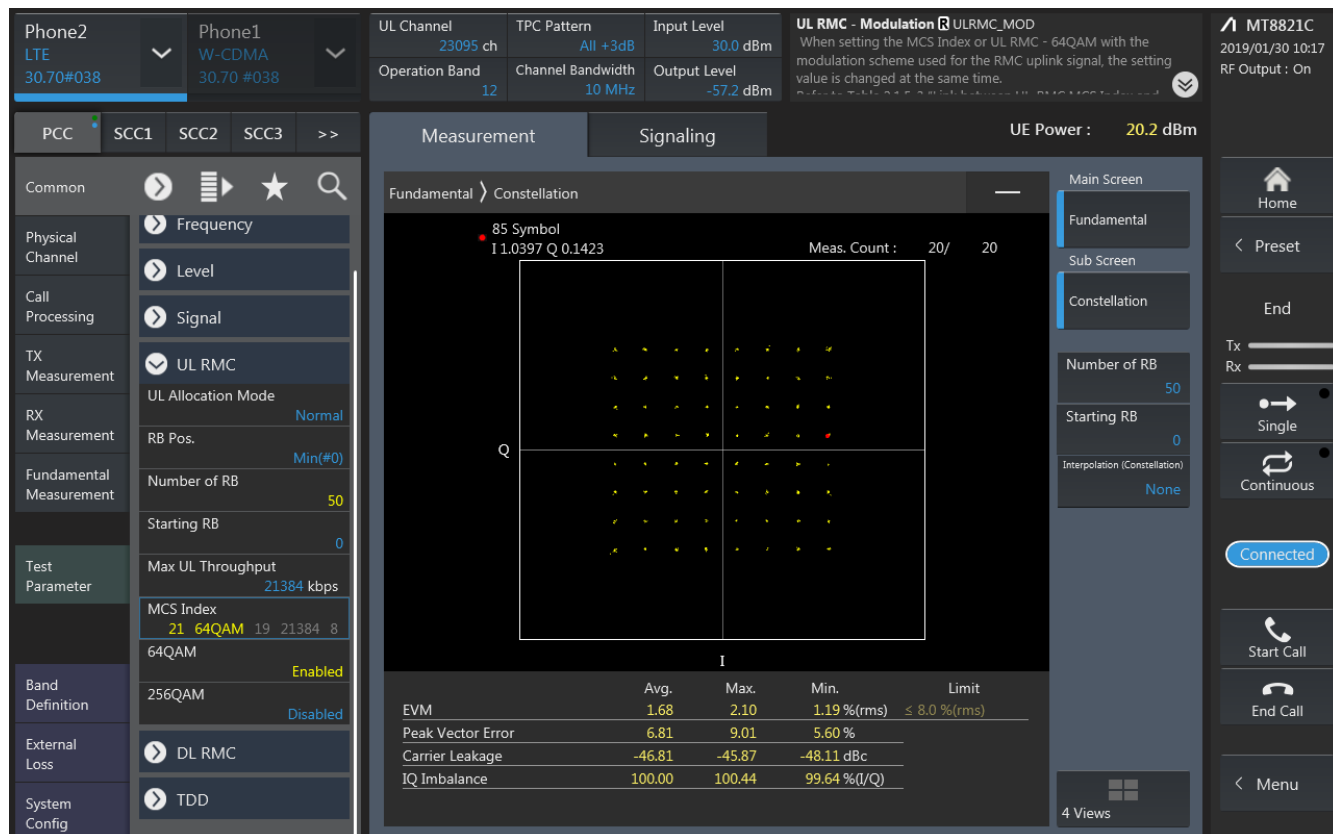
3.1.2. Test Mode = LTE /TM2 10MHz

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
Band12	1.4MHz	QPSK	23017	6RB#0	1.100	1.248	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.094	1.245	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.109	1.488	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.097	1.245	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.091	1.251	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.097	1.245	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.097	1.248	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.091	1.245	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.103	1.254	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	2.964	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.691	2.964	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.709	2.976	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.697	2.982	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.691	2.970	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.703	2.982	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.697	2.982	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.703	2.976	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.709	2.970	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.486	4.930	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.870	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.486	4.900	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.476	4.900	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.486	4.890	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.486	4.920	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.900	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.476	4.900	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.486	4.900	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.951	9.800	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.911	9.740	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.931	9.740	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.951	9.840	PASS



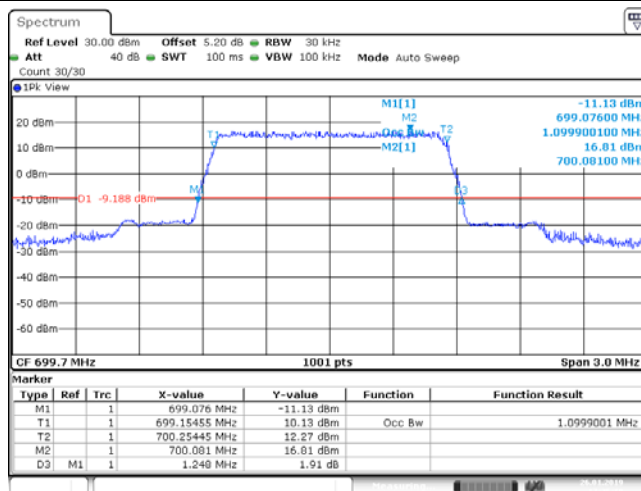
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Band12	10MHz	64QAM	23095	50RB#0	8.931	9.760	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.931	9.780	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.971	9.800	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.951	9.800	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.931	9.760	PASS

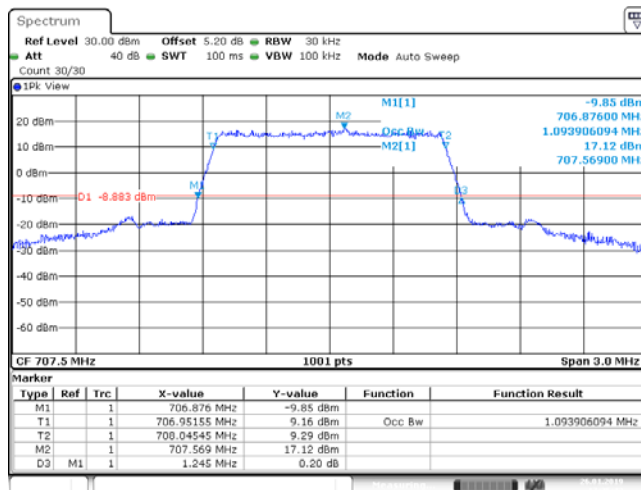
4.2. Test Plots

Band12_1.4MHz_QPSK_23017_6RB#0



Date: 26 JAN 2019 17:25:19

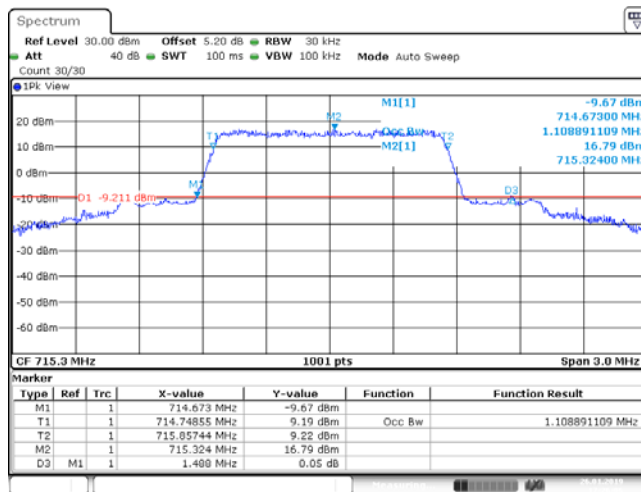
Band12_1.4MHz_QPSK_23095_6RB#0



Date: 26 JAN 2019 17:25:42

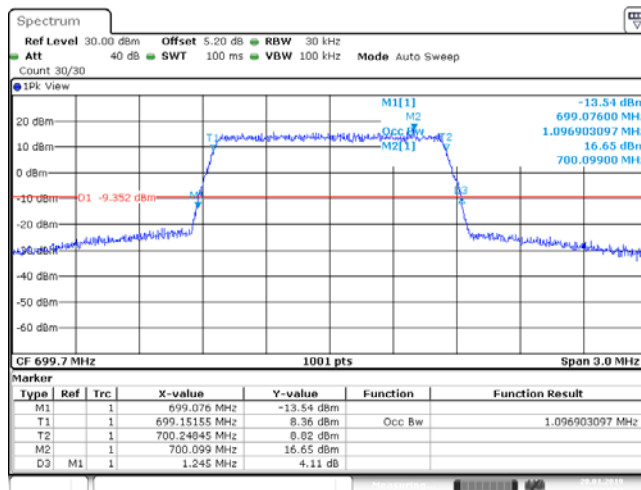
Band12_1.4MHz_QPSK_23173_6RB#0





Date: 26 JAN 2019 17:26:06

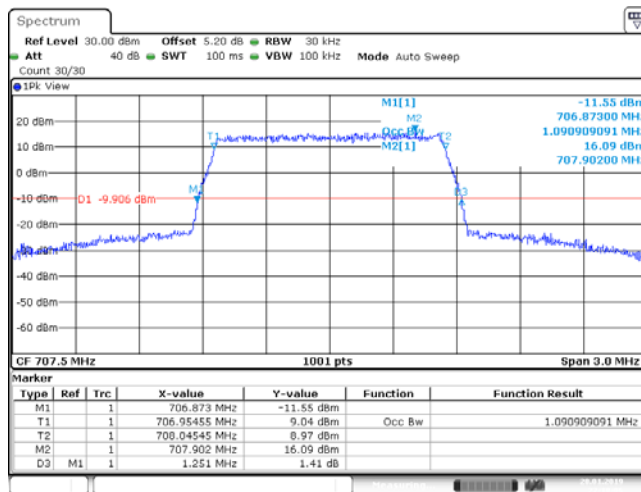
Band12_1.4MHz_64QAM_23017_6RB#0



Date: 28 JAN 2019 22:17:53

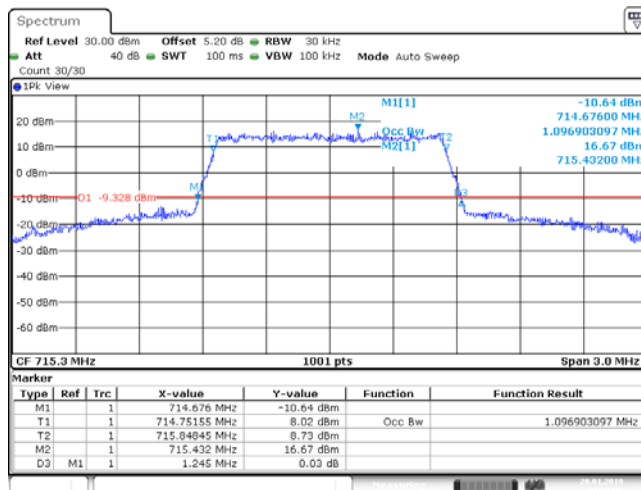
Band12_1.4MHz_64QAM_23095_6RB#0





Date: 28 JAN 2019 22:18:06

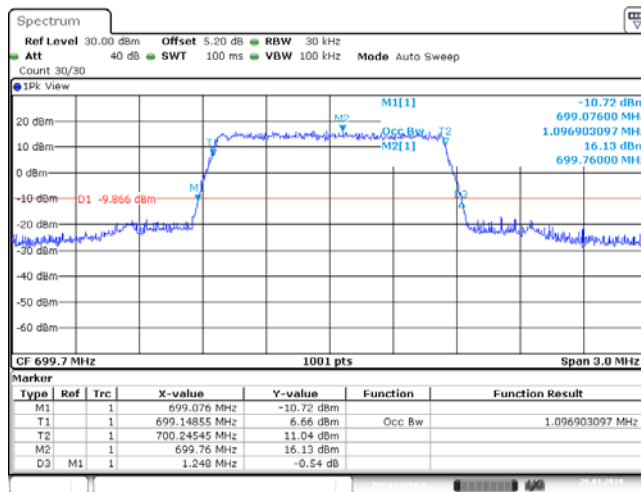
Band12_1.4MHz_64QAM_23173_6RB#0



Date: 28 JAN 2019 22:18:20

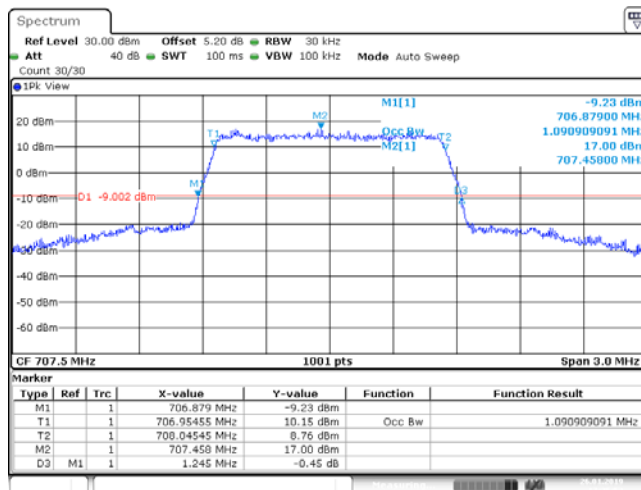
Band12_1.4MHz_16QAM_23017_6RB#0





Date: 26 JAN 2019 17:25:29

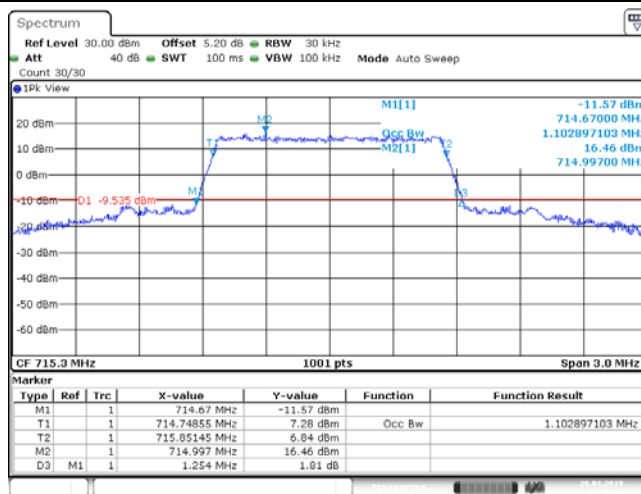
Band12_1.4MHz_16QAM_23095_6RB#0



Date: 26 JAN 2019 17:25:53

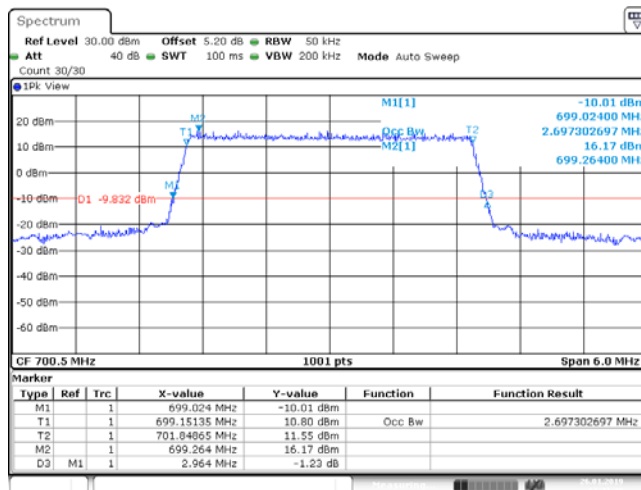
Band12_1.4MHz_16QAM_23173_6RB#0





Date: 26 JAN 2019 17:26:16

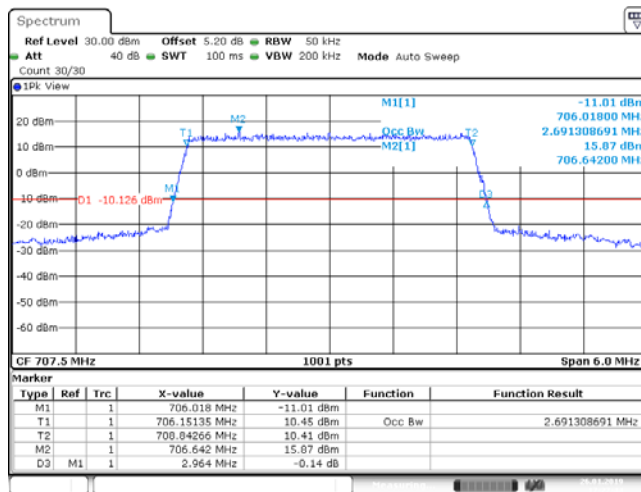
Band12_3MHz_QPSK_23025_15RB#0



Date: 26 JAN 2019 17:27:21

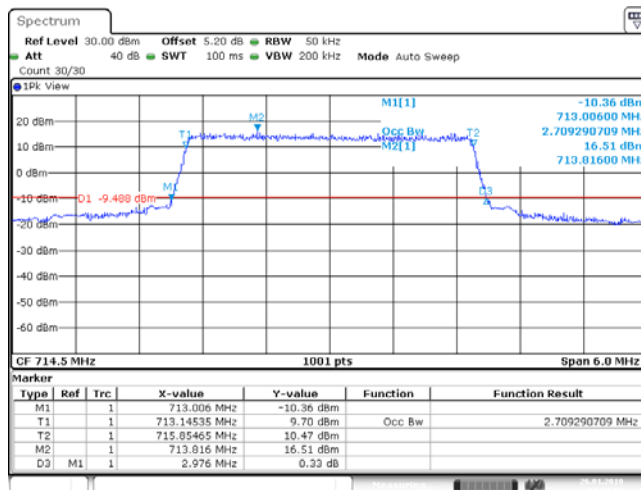
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Date: 26 JAN 2019 17:27:44

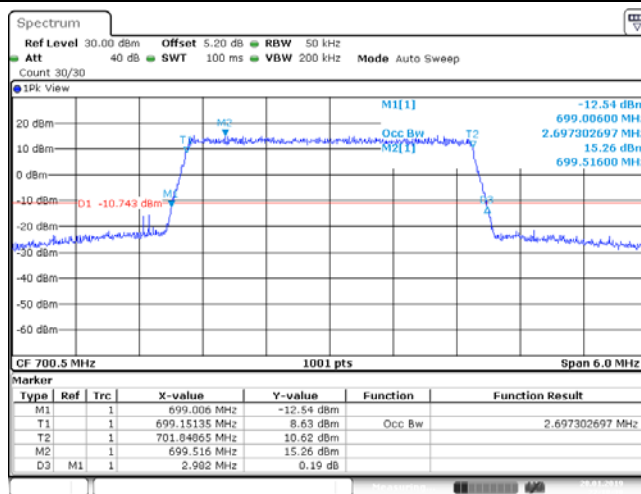
Band12_3MHz_QPSK_23165_15RB#0



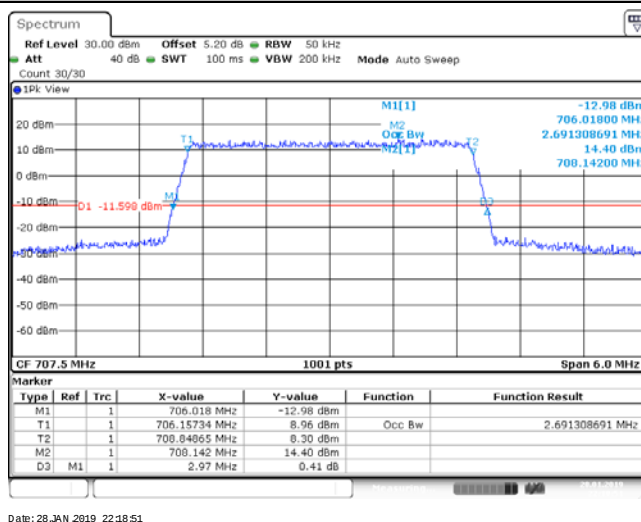
Date: 26 JAN 2019 17:28:97

Band12_3MHz_64QAM_23025_15RB#0



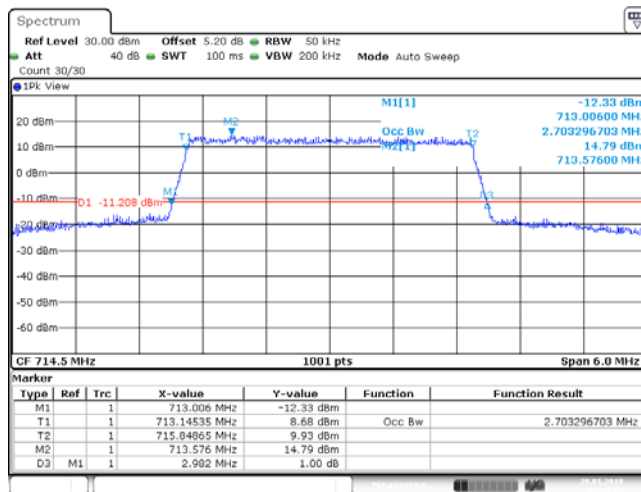


Band12_3MHz_64QAM_23095_15RB#0



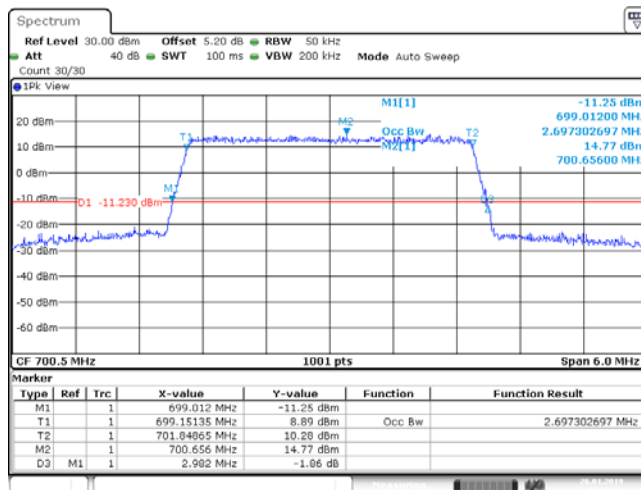
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Date: 28 JAN 2019 22:19:05

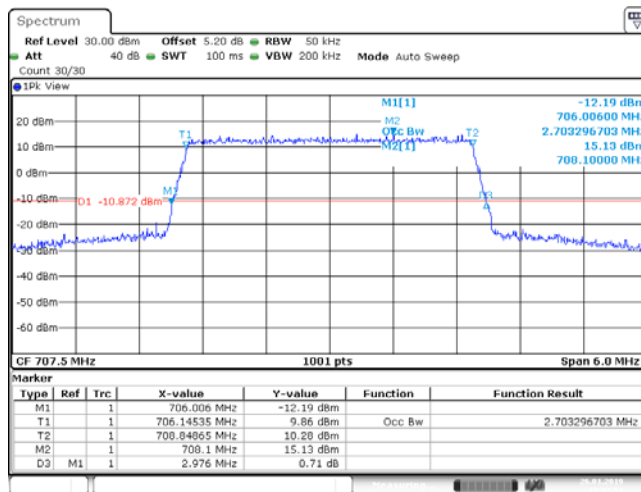
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Date: 26 JAN 2019 17:27:31

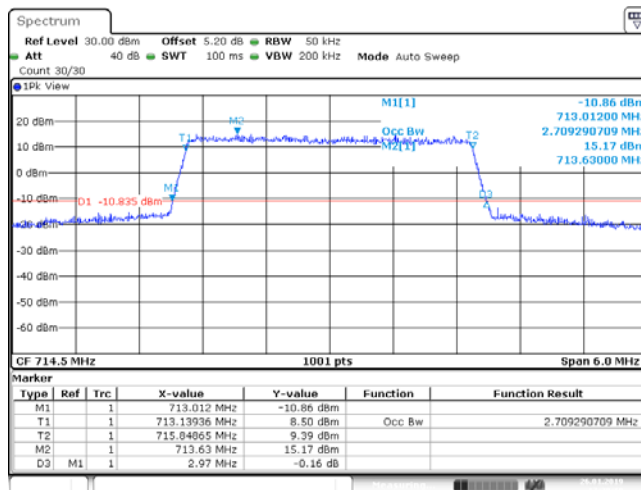
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Date: 26 JAN 2019 17:27:54

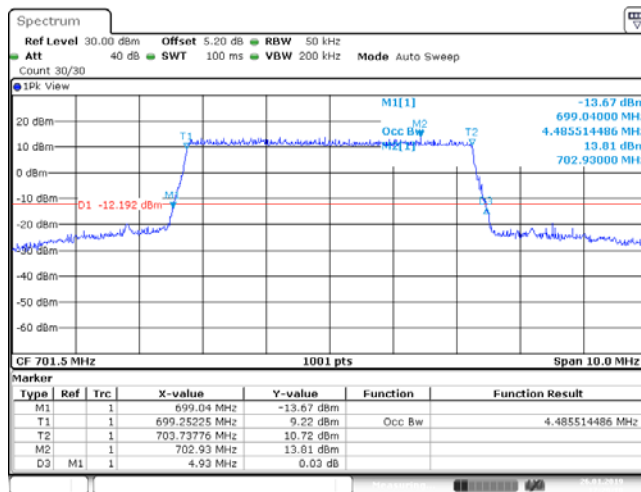
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Date: 26 JAN 2019 17:28:17

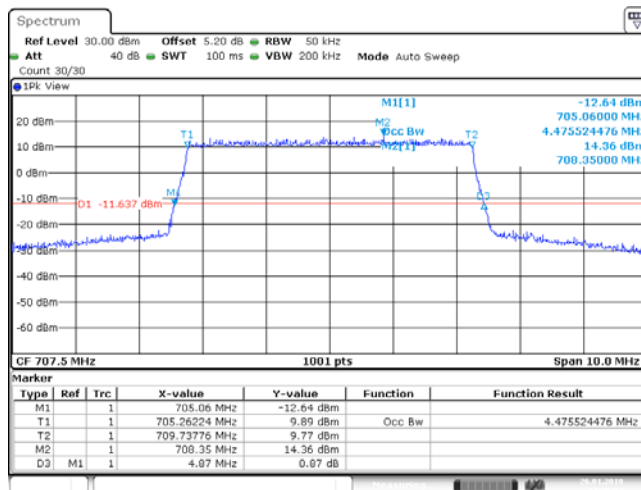
Band12_5MHz_QPSK_23035_25RB#0





Date: 26 JAN 2019 17:29:11

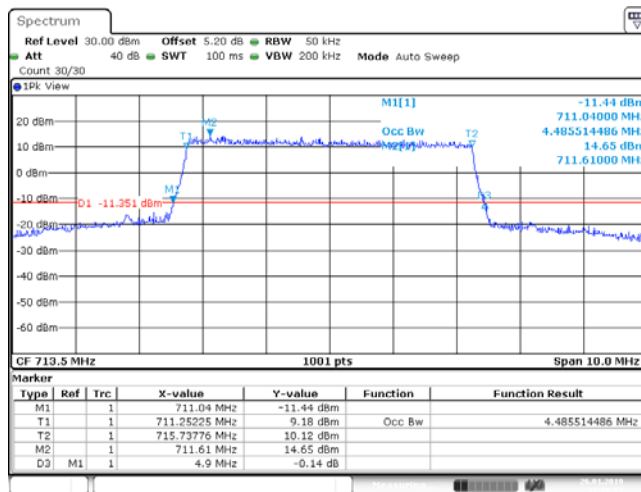
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Date: 26 JAN 2019 17:29:34

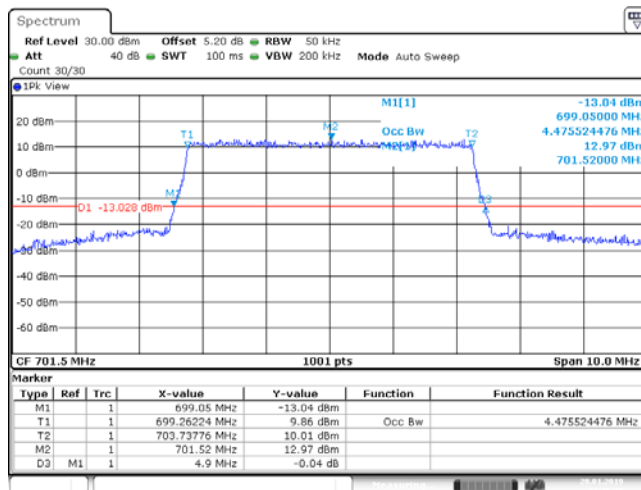
Band12_5MHz_QPSK_23155_25RB#0





Date: 26 JAN 2019 17:29:57

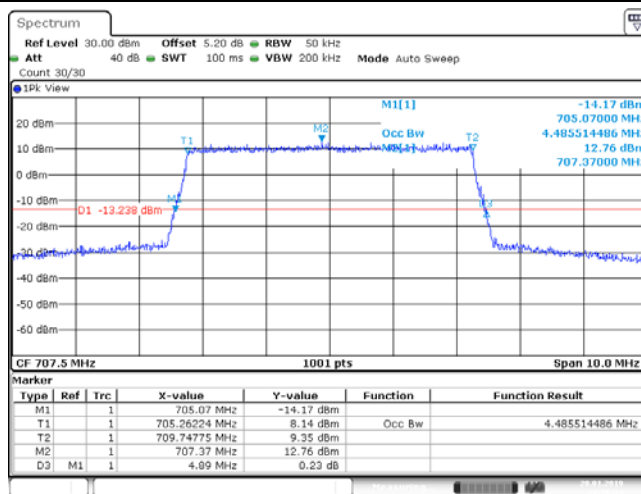
Band12_5MHz_64QAM_23035_25RB#0



Date: 28 JAN 2019 22:26:21

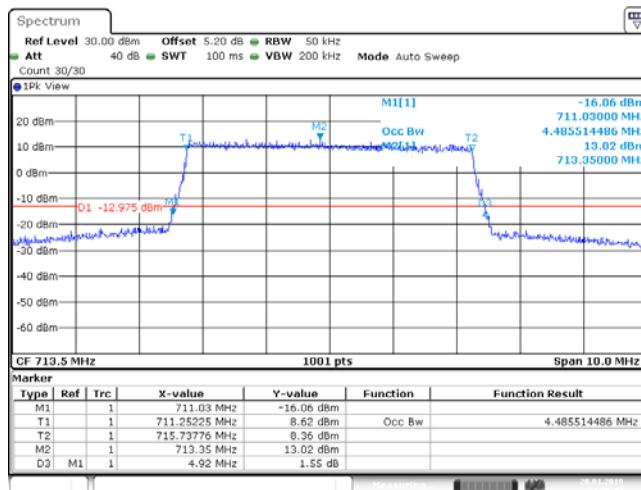
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Date: 28 JAN 2019 22:26:34

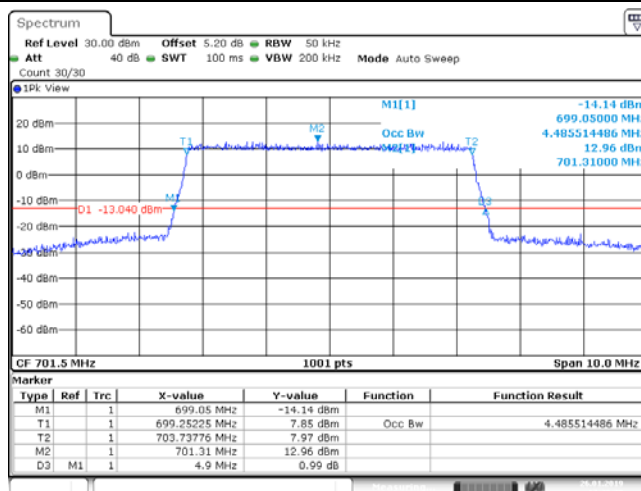
Band12_5MHz_64QAM_23155_25RB#0



Date: 28 JAN 2019 22:26:47

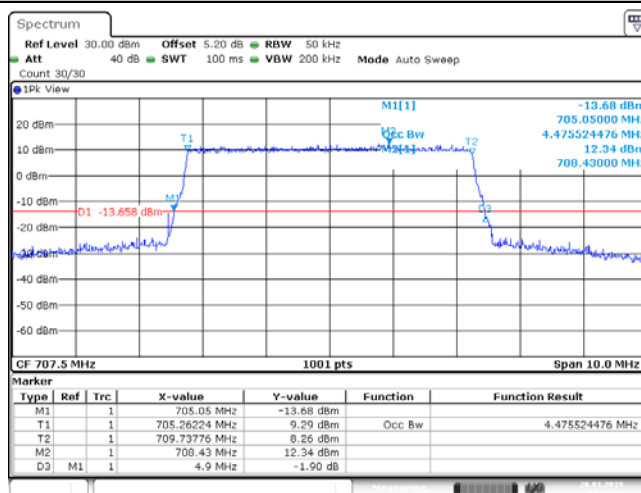
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Date: 26 JAN 2019 17:29:21

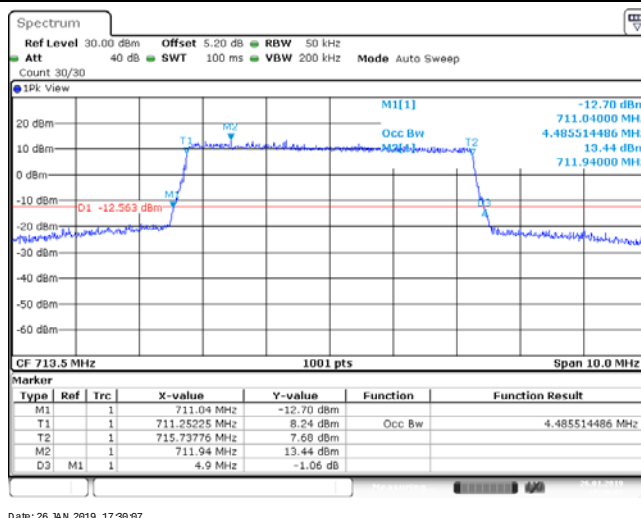
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Date: 26 JAN 2019 17:29:44

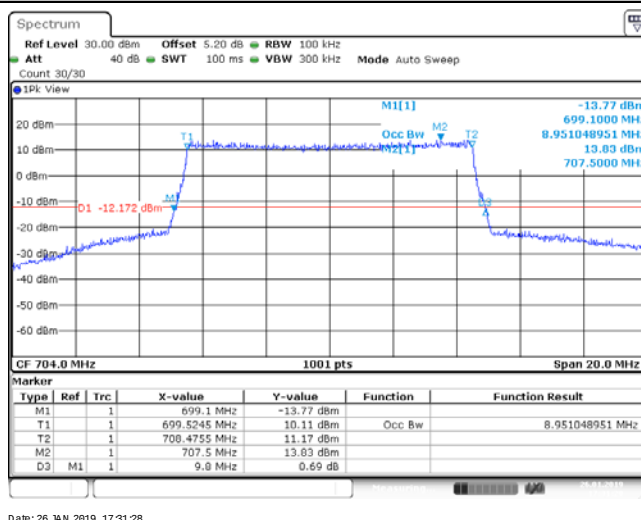
Band12_5MHz_16QAM_23155_25RB#0





Date: 26 JAN 2019 17:38:87

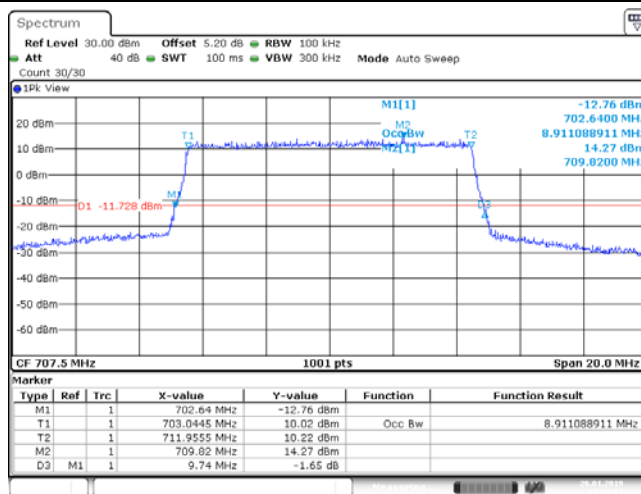
Band12_10MHz_QPSK_23060_50RB#0



Date: 26 JAN 2019 17:31:28

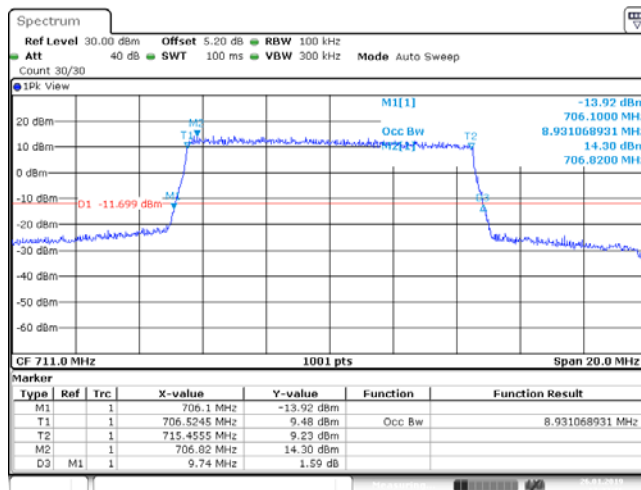
Band12_10MHz_QPSK_23095_50RB#0





Date: 26 JAN 2019 17:31:51

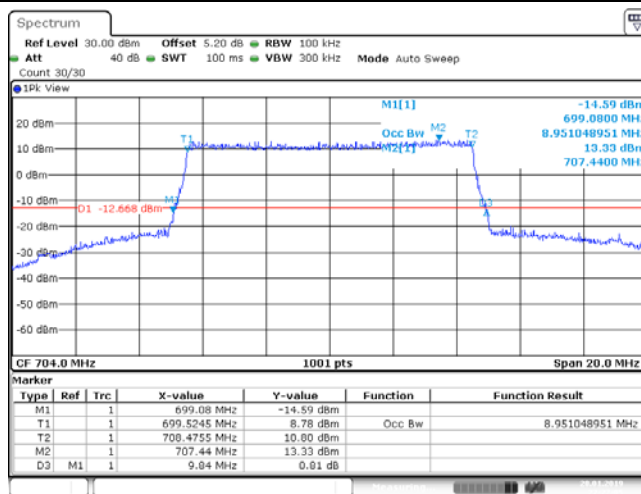
Band12_10MHz_QPSK_23130_50RB#0



Date: 26 JAN 2019 17:32:16

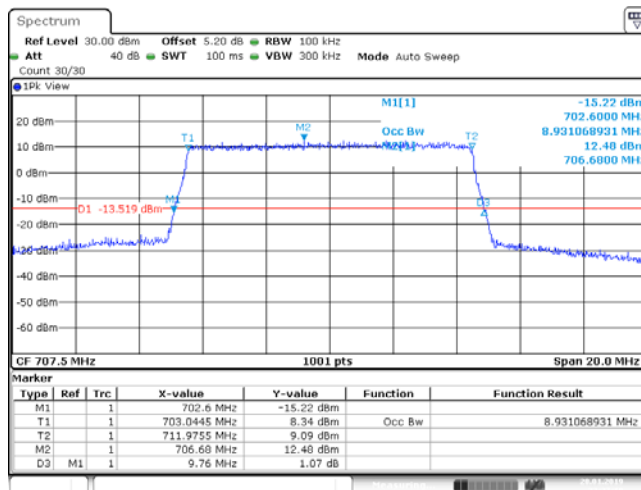
Band12_10MHz_64QAM_23060_50RB#0





Date: 28 JAN 2019 22:27:05

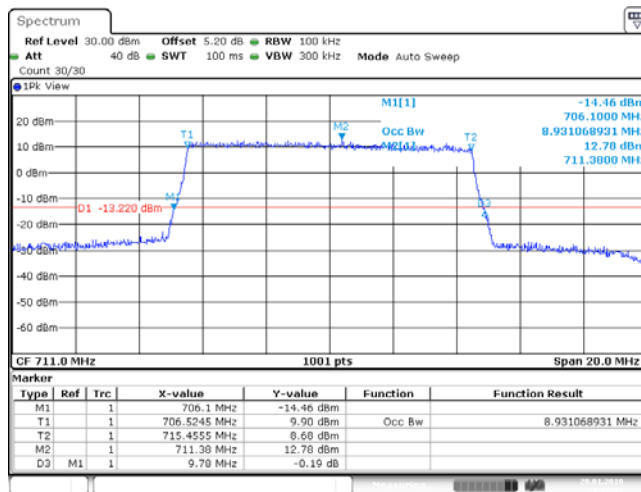
Band12_10MHz_64QAM_23095_50RB#0



Date: 28 JAN 2019 22:27:18

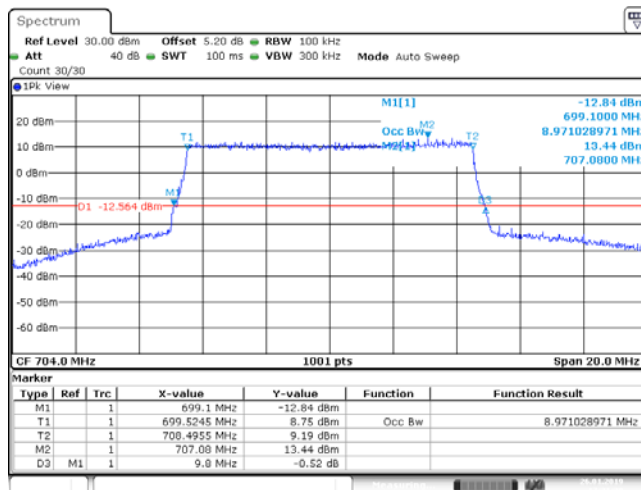
Band12_10MHz_64QAM_23130_50RB#0





Date: 28 JAN 2019 22:27:32

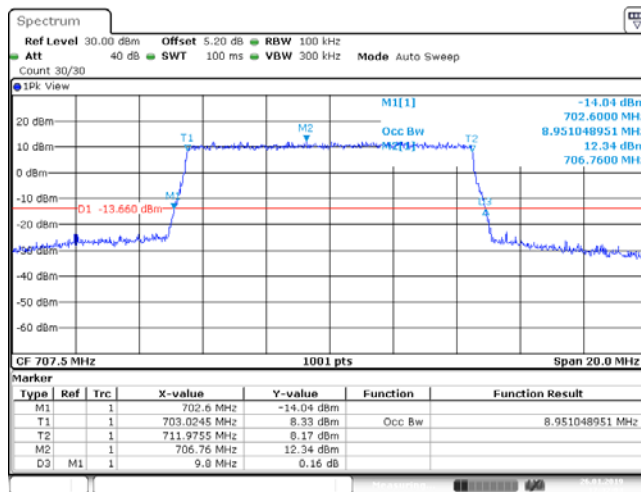
Band12_10MHz_16QAM_23060_50RB#0



Date: 26 JAN 2019 17:31:38

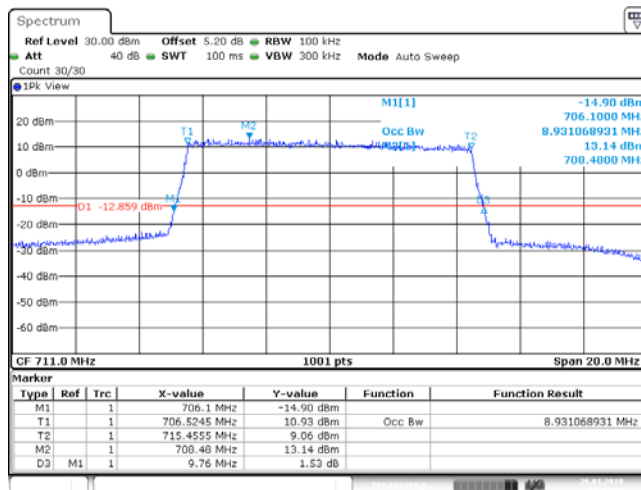
Band12_10MHz_16QAM_23095_50RB#0





Date: 26 JAN 2019 17:32:84

Band12_10MHz_16QAM_23130_50RB#0



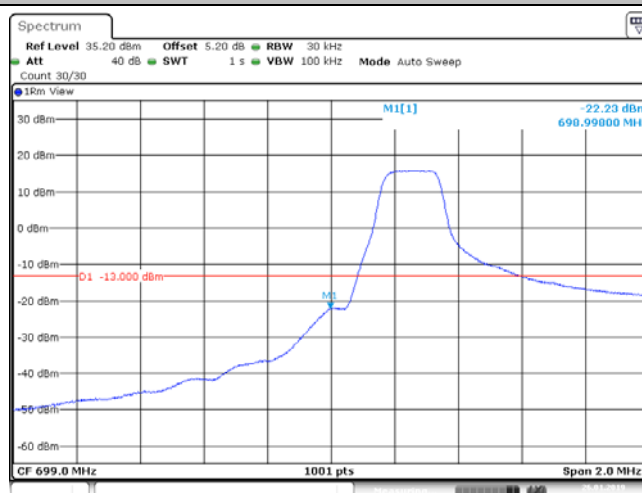
Date: 26 JAN 2019 17:32:27



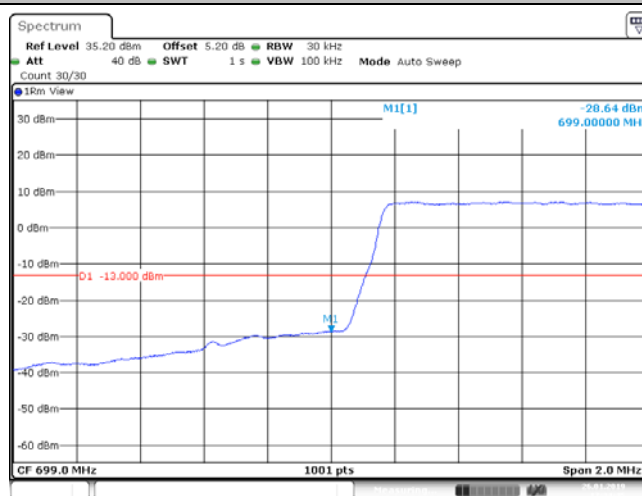
5. Band Edge Compliance

5.1. Test Plots

Band12_1.4MHz_QPSK_23017_1RB#0

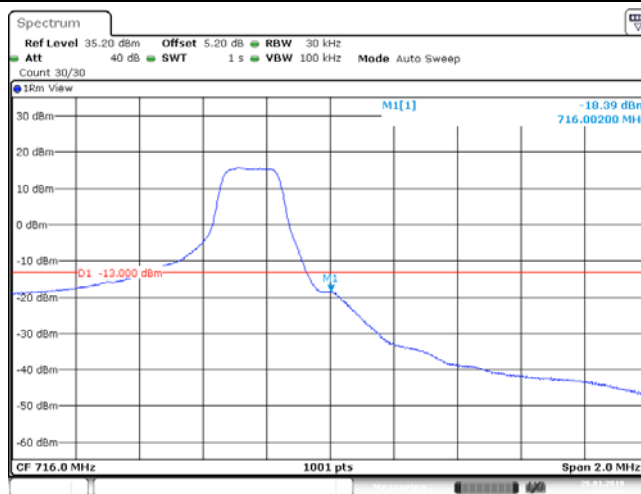


Band12_1.4MHz_QPSK_23017_6RB#0



Band12_1.4MHz_QPSK_23173_1RB#5





Date: 26 JAN 2019 17:36:23

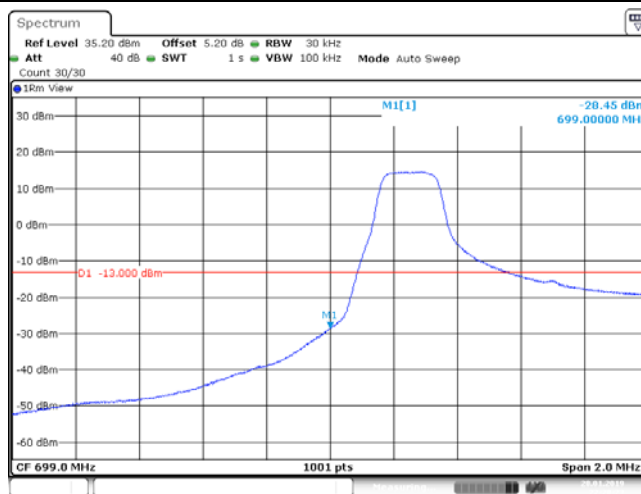
Band12_1.4MHz_QPSK_23173_6RB#0



Date: 26 JAN 2019 17:37:51

Band12_1.4MHz_64QAM_23017_1RB#0





Date: 28 JAN 2019 22:28:23

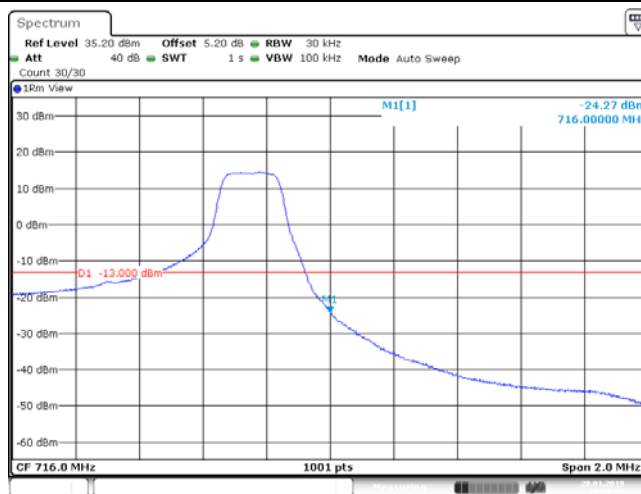
Band12_1.4MHz_64QAM_23017_6RB#0



Date: 28 JAN 2019 22:29:59

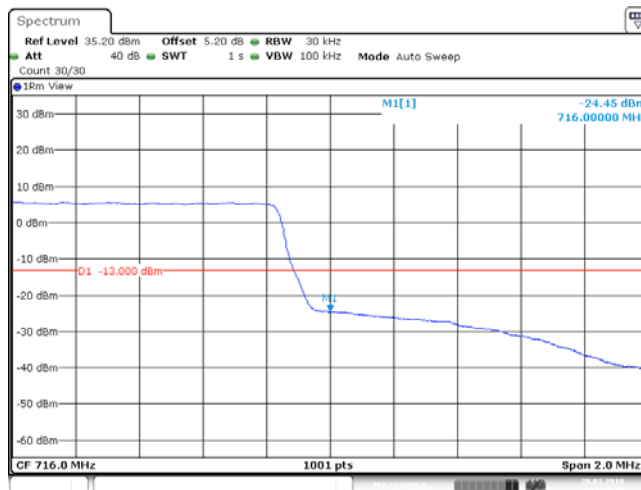
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Date: 28 JAN 2019 22:29:59

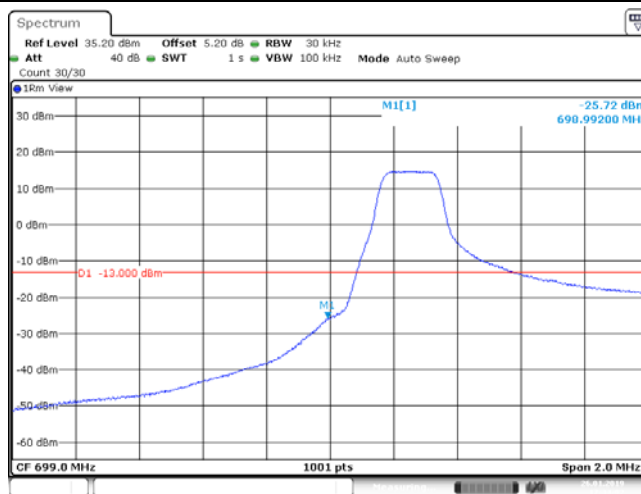
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Date: 28 JAN 2019 22:38:45

Band12_1.4MHz_16QAM_23017_1RB#0





Date: 26 JAN 2019 17:34:02

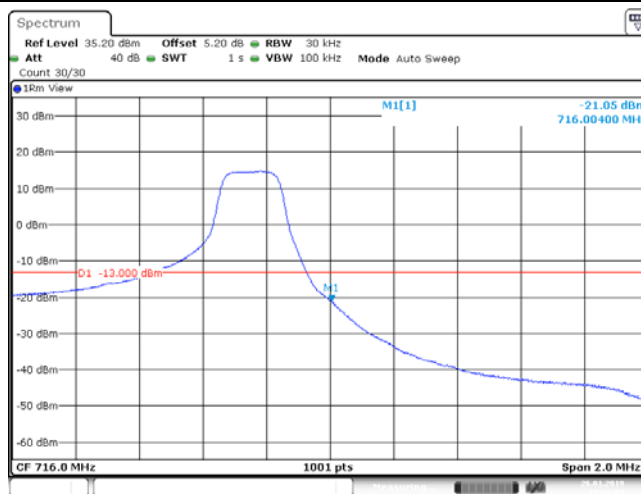
Band12_1.4MHz_16QAM_23017_6RB#0



Date: 26 JAN 2019 17:35:29

Band12_1.4MHz_16QAM_23173_1RB#5





Date: 26 JAN 2019 17:37:58

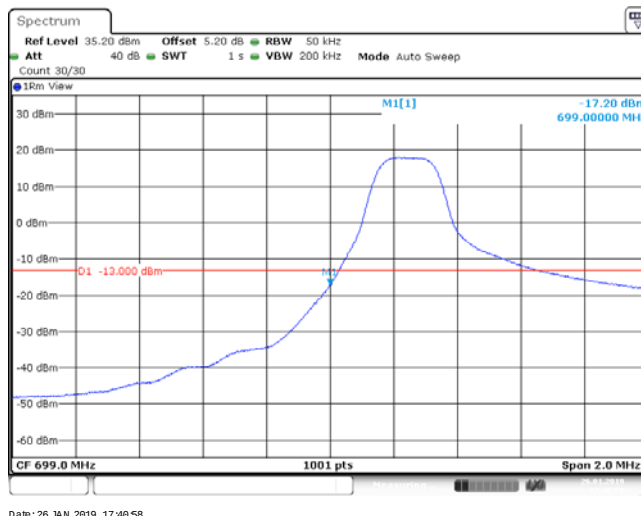
Band12_1.4MHz_16QAM_23173_6RB#0



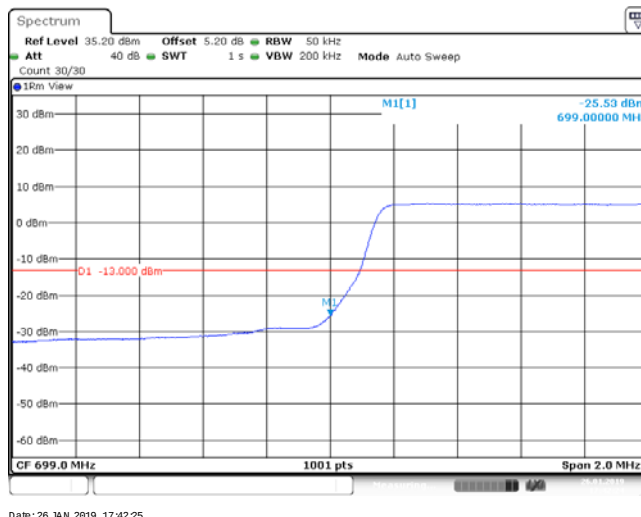
Date: 26 JAN 2019 17:38:35

Band12_3MHz_QPSK_23025_1RB#0





Band12_3MHz_QPSK_23025_15RB#0

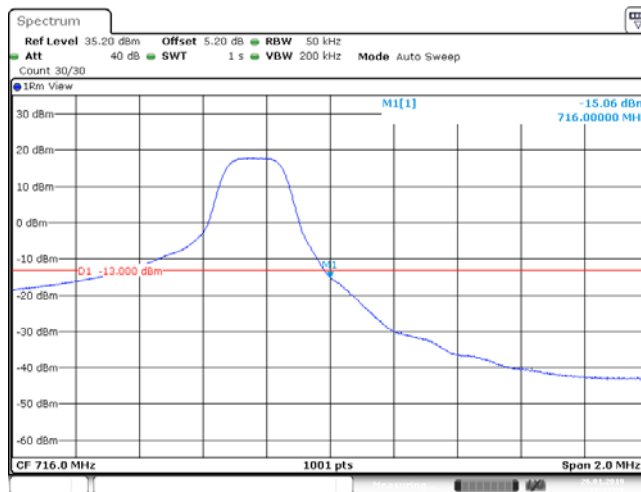


Band12_3MHz_QPSK_23165_1RB#14



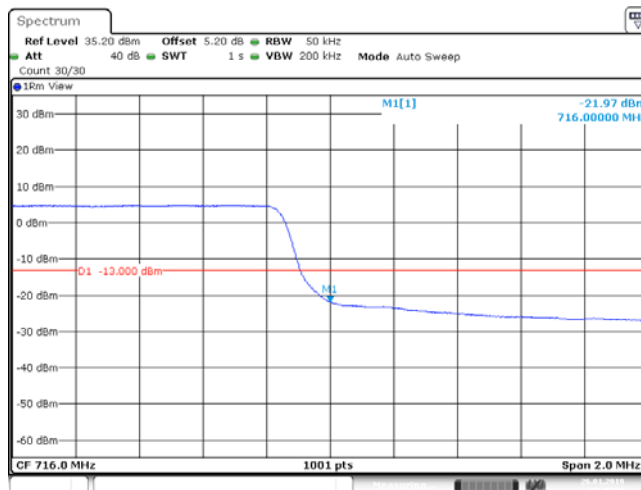
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Date: 26 JAN 2019 17:43:59

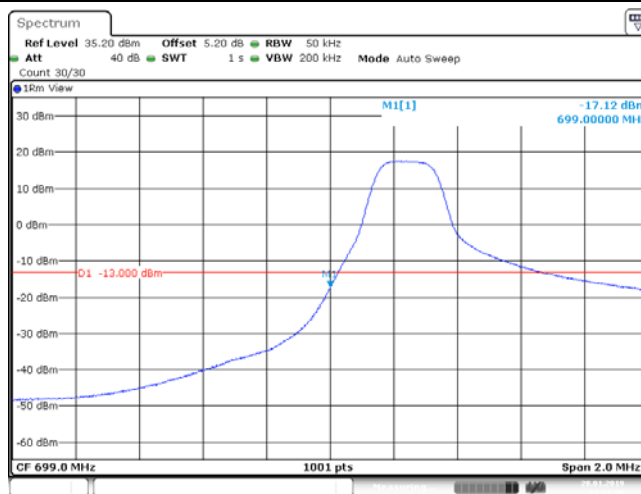
Band12_3MHz_QPSK_23165_15RB#0



Date: 26 JAN 2019 17:45:26

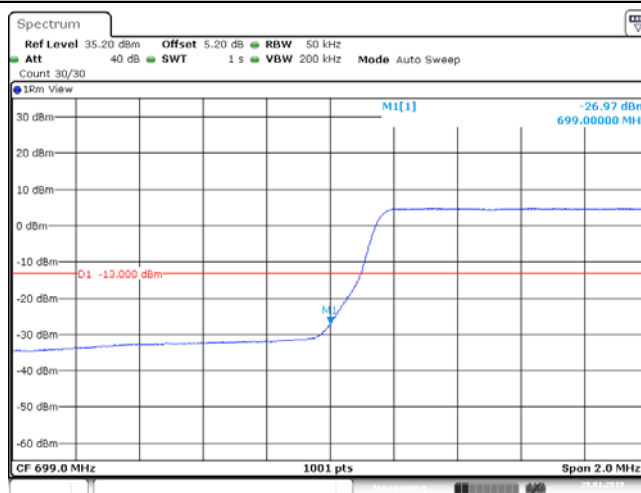
Band12_3MHz_64QAM_23025_1RB#0





Date: 28 JAN 2019 22:31:36

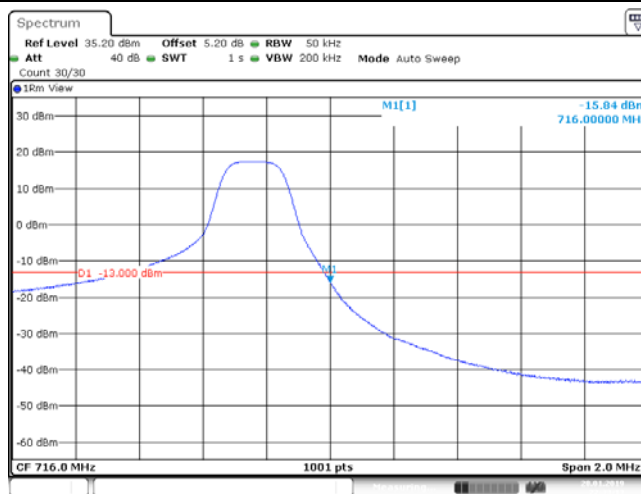
Band12_3MHz_64QAM_23025_15RB#0



Date: 28 JAN 2019 22:32:23

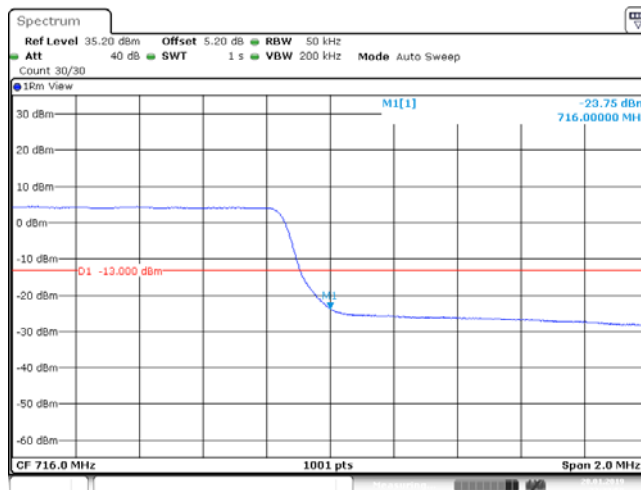
Band12_3MHz_64QAM_23165_1RB#14





Date: 28 JAN 2019 22:33:13

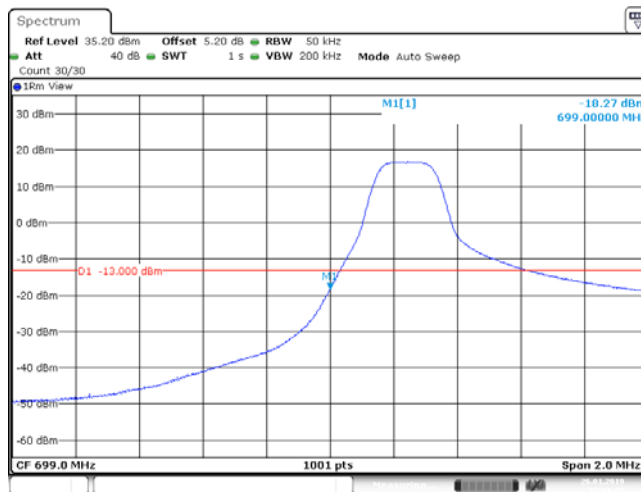
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Date: 28 JAN 2019 22:33:59

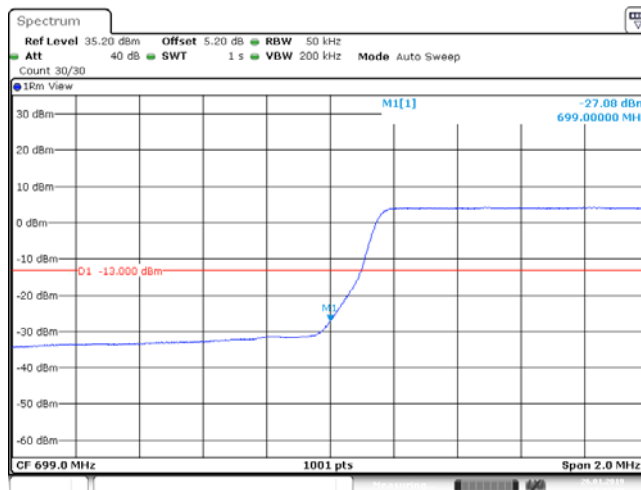
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Date: 26 JAN 2019 17:41:42

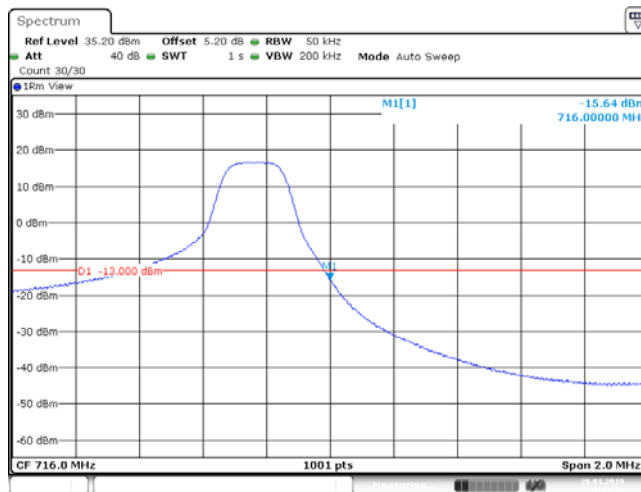
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Date: 26 JAN 2019 17:43:08

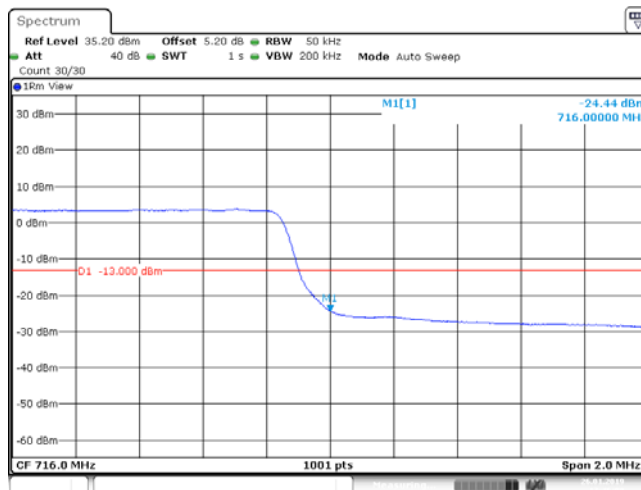
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Date: 26 JAN 2019 17:44:42

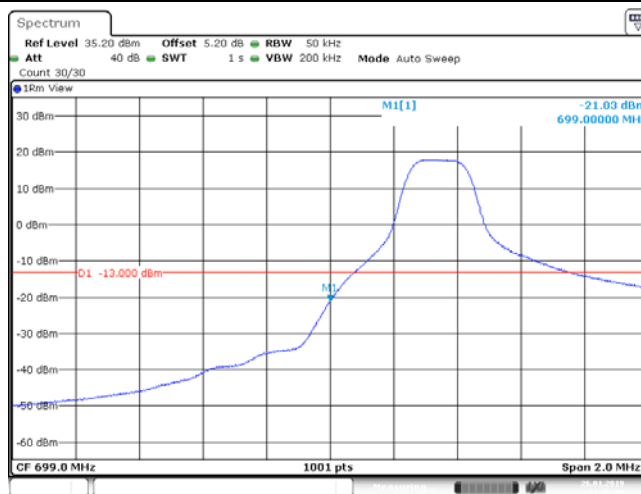
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Date: 26 JAN 2019 17:46:59

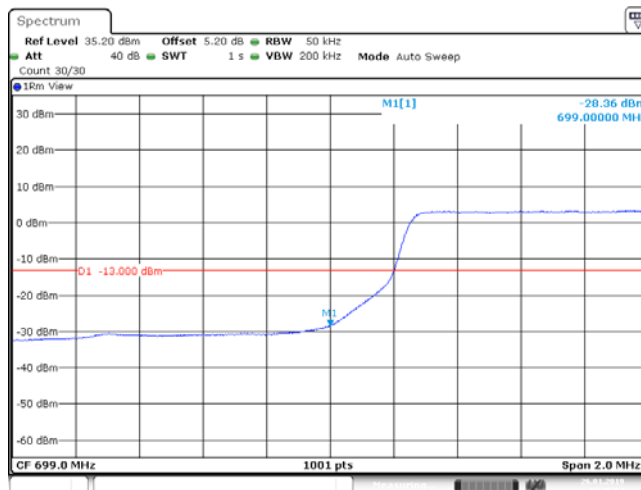
Band12_5MHz_QPSK_23035_1RB#0





Date: 26 JAN 2019 17:47:38

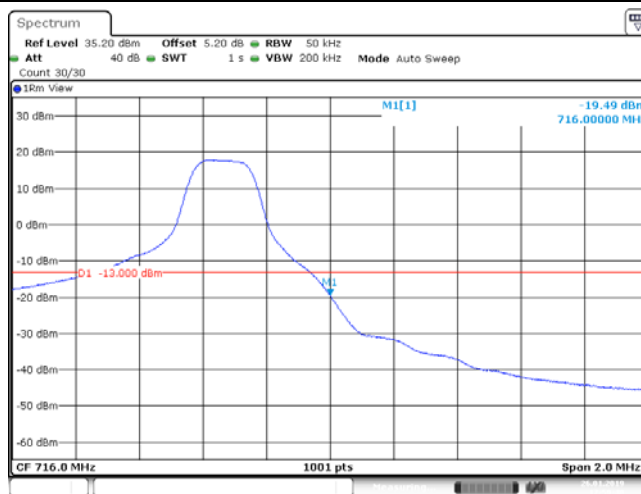
Band12_5MHz_QPSK_23035_25RB#0



Date: 26 JAN 2019 17:49:54

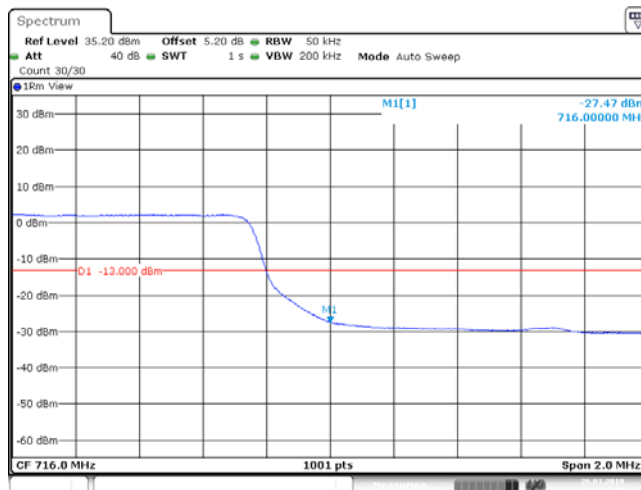
Band12_5MHz_QPSK_23155_1RB#24





Date: 26 JAN 2019 17:50:41

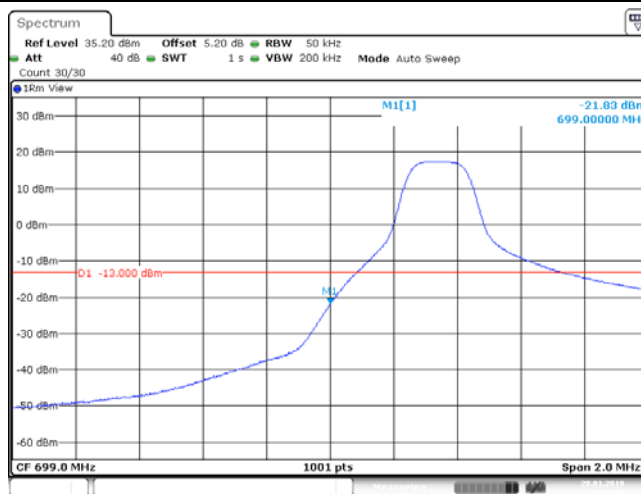
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Date: 26 JAN 2019 17:52:10

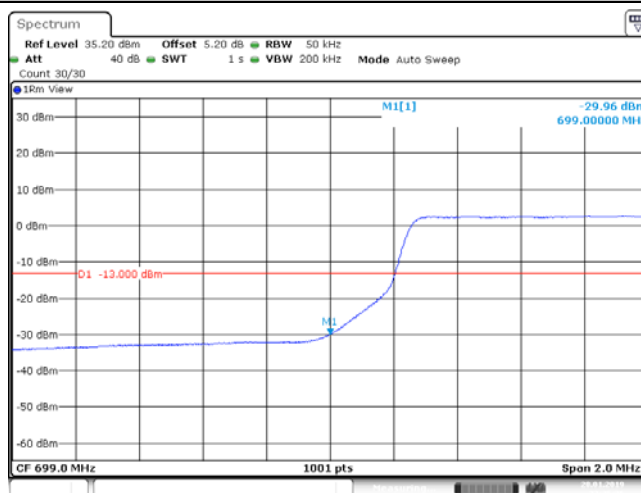
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Date: 28 JAN 2019 22:34:50

Band12_5MHz_64QAM_23035_25RB#0



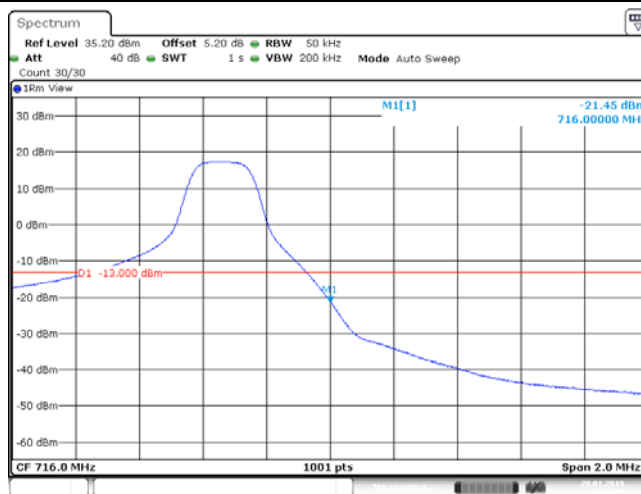
Date: 28 JAN 2019 22:35:36

Band12_5MHz_64QAM_23155_1RB#24

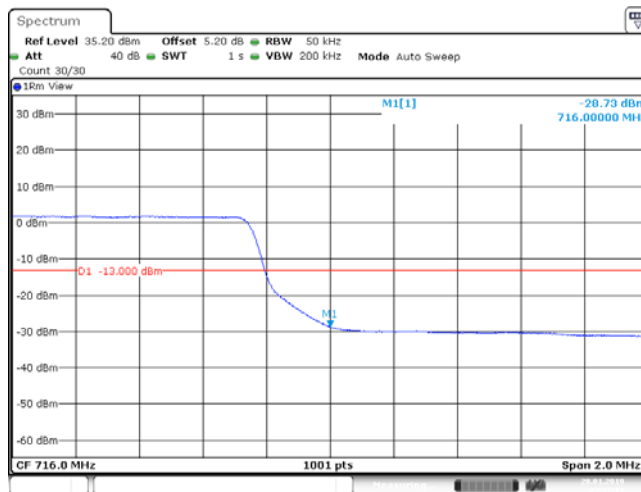


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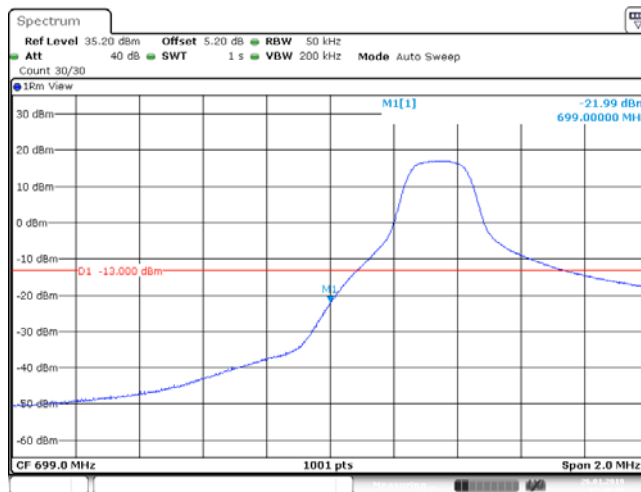


Band12_5MHz_64QAM_23155_25RB#0



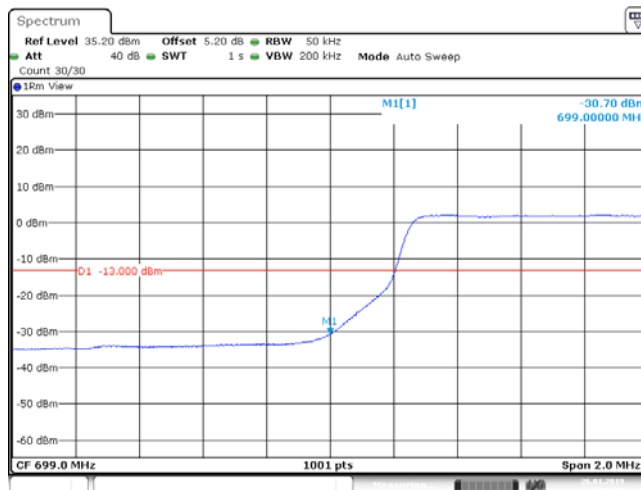
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Date: 26 JAN 2019 17:48:21

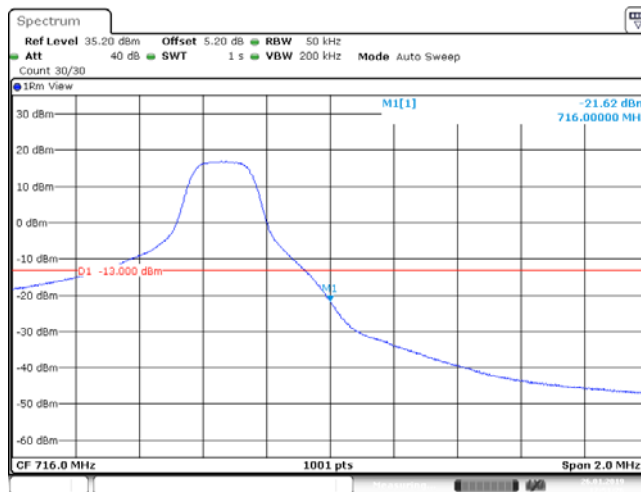
Band12_5MHz_16QAM_23035_25RB#0



Date: 26 JAN 2019 17:49:49

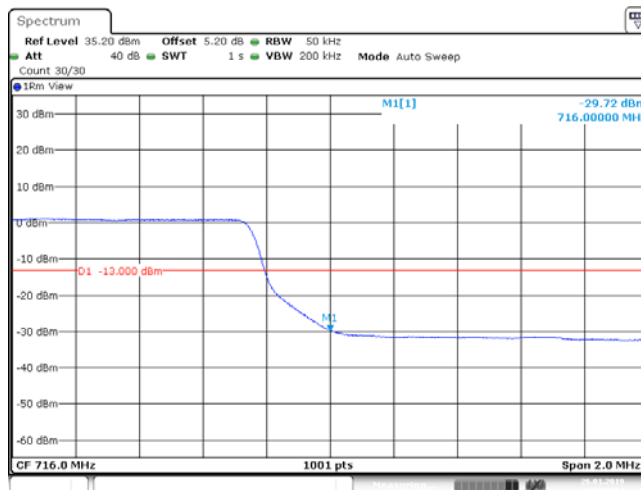
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Date: 26 JAN 2019 17:51:26

Band12_5MHz_16QAM_23155_25RB#0



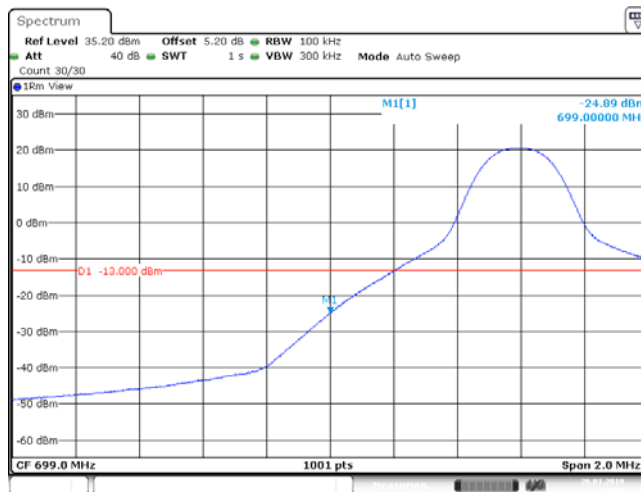
Date: 26 JAN 2019 17:52:54

Band12_10MHz_QPSK_23060_1RB#0



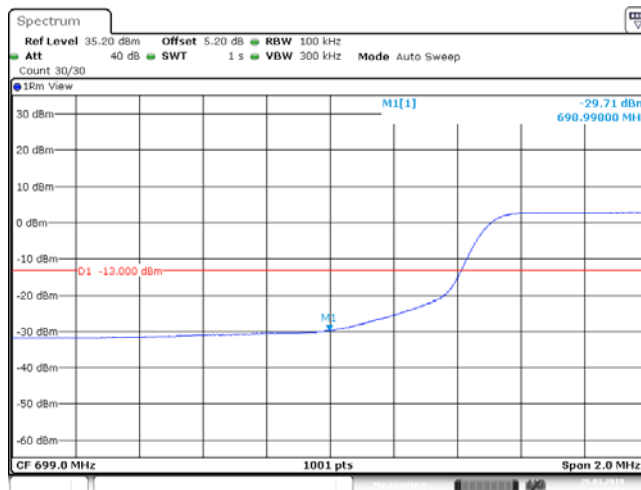
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Band12_10MHz_QPSK_23060_50RB#0



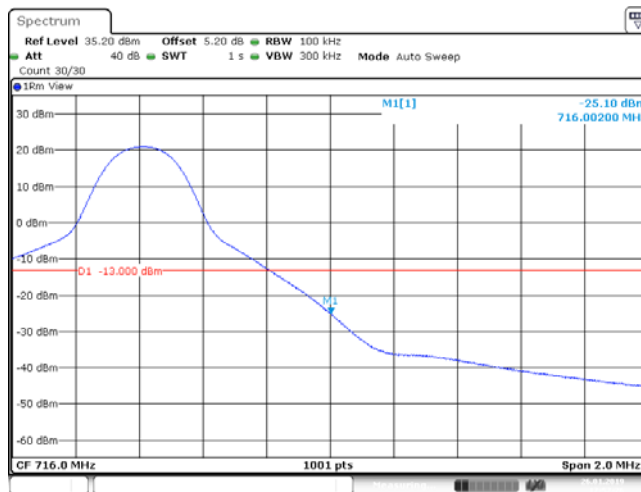
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Band12_10MHz_QPSK_23130_1RB#49



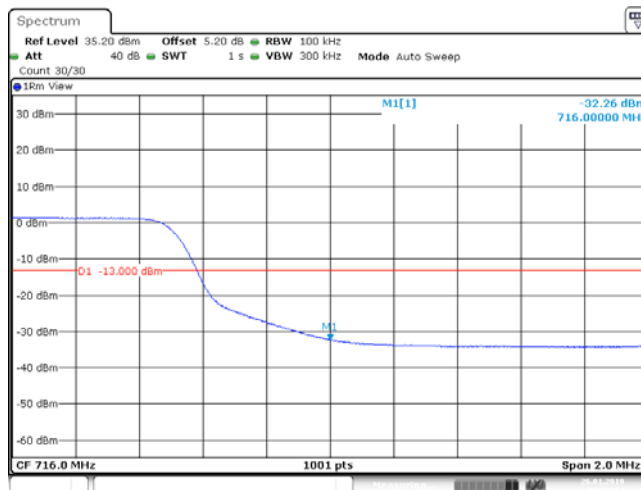
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Date: 26 JAN 2019 17:57:26

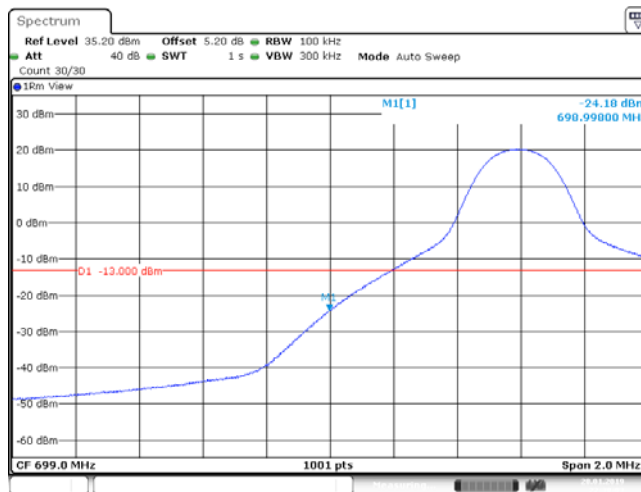
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Date: 26 JAN 2019 17:58:54

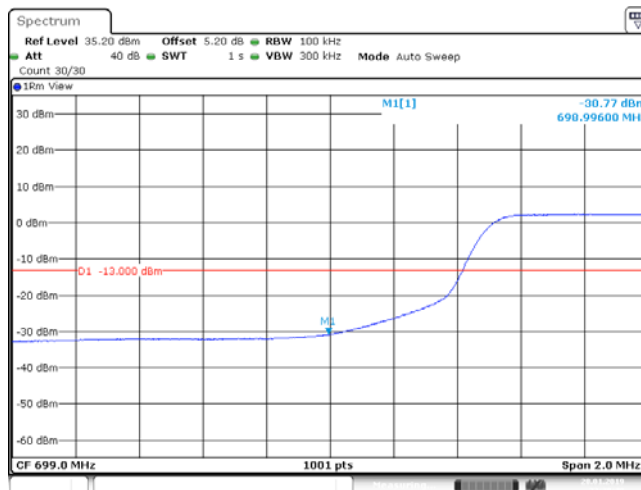
Band12_10MHz_64QAM_23060_1RB#0





Date: 28 JAN 2019 22:38:04

Band12_10MHz_64QAM_23060_50RB#0



Date: 28 JAN 2019 22:38:49

Band12_10MHz_64QAM_23130_1RB#49

