Appendix B

E-UTRA Band 5

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

MAIN:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.31	21.36	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.50	21.55	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.43	21.48	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.56	21.61	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.37	21.42	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.48	21.53	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.35	20.4	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.56	21.61	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.57	21.62	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.50	21.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.58	21.63	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.61	21.66	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.24	21.29	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.42	20.47	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.47	21.52	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.51	21.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.39	21.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.55	21.6	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.43	21.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.67	21.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.22	20.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.23	20.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.67	20.72	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.58	20.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.60	20.65	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.32	20.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.43	20.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.53	19.58	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.70	20.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.83	20.88	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	24.15	21.2	38.45	PASS

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Band5	1.4MHz	16QAM	20525	3RB#0	23.73	20.78	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.76	20.81	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.70	20.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.48	19.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.46	20.51	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.66	20.71	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.31	20.36	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.64	20.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.50	20.55	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.55	20.6	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.84	19.89	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.23	19.28	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.42	19.47	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.41	19.46	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	22.50	19.55	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	22.30	19.35	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	22.44	19.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.28	18.33	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.46	19.51	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.55	19.6	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.47	19.52	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	22.50	19.55	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	22.52	19.57	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	22.20	19.25	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.36	18.41	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	22.38	19.43	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.43	19.48	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	22.29	19.34	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	22.48	19.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.34	19.39	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	22.61	19.66	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	21.16	18.21	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.41	21.46	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.38	21.43	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.43	21.48	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.45	20.5	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.49	20.54	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.40	20.45	38.45	PASS

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Band5	3MHz	QPSK	20415	15RB#0	23.46	20.51	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.56	21.61	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.65	21.7	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.48	21.53	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.45	20.5	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.54	20.59	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.41	20.46	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.53	20.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.42	21.47	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.58	21.63	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.32	21.37	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.46	20.51	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.40	20.45	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.25	20.3	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.46	20.51	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.84	20.89	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.02	21.07	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.67	20.72	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.32	19.37	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.57	19.62	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.48	19.53	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.54	19.59	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.81	20.86	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	24.02	21.07	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	24.07	21.12	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.60	19.65	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.47	19.52	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.49	19.54	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.38	19.43	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.68	20.73	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.72	20.77	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.27	20.32	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.58	19.63	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.45	19.5	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.27	19.32	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.36	19.41	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.32	19.37	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.36	19.41	38.45	PASS

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Band5	3MHz	64QAM	20415	8RB#0	21.42	18.47	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	21.45	18.5	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	21.34	18.39	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	21.39	18.44	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.53	19.58	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.56	19.61	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.43	19.48	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	21.40	18.45	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	21.44	18.49	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	21.34	18.39	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21.47	18.52	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.37	19.42	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	22.53	19.58	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.27	19.32	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	21.41	18.46	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	21.38	18.43	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	21.19	18.24	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.43	18.48	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.32	21.37	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.63	21.68	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.46	21.51	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.49	20.54	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.47	20.52	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.42	20.47	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.42	20.47	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.59	21.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.36	21.41	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.41	21.46	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.47	20.52	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.50	20.55	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.55	20.6	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.56	20.61	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.49	21.54	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.49	21.54	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.55	21.6	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.52	20.57	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.60	20.65	38.45	PASS

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Band5	5MHz	QPSK	20625	12RB#13	23.46	20.51	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.64	20.69	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.33	20.38	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.98	21.03	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.38	20.43	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.58	19.63	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.53	19.58	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.44	19.49	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.31	19.36	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.88	20.93	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.74	20.79	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.85	20.9	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.43	19.48	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.60	19.65	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.48	19.53	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.46	19.51	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.62	20.67	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.41	20.46	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.32	20.37	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.51	19.56	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.57	19.62	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.48	19.53	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.51	19.56	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.22	19.27	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.60	19.65	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.43	19.48	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	21.46	18.51	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	21.42	18.47	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	21.33	18.38	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.37	18.42	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.52	19.57	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.33	19.38	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.33	19.38	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	21.38	18.43	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	21.46	18.51	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	21.51	18.56	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	21.54	18.59	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.43	19.48	38.45	PASS

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Band5	5MHz	64QAM	20625	1RB#12	22.40	19.45	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.47	19.52	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.48	18.53	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	21.55	18.6	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	21.39	18.44	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	21.54	18.59	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.61	21.66	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	25.02	22.07	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.72	21.77	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.48	20.53	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.51	20.56	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.50	20.55	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.58	20.63	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.61	21.66	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	25.08	22.13	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.76	21.81	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.65	20.7	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.52	20.57	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.58	20.63	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.56	20.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.64	21.69	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.66	21.71	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.25	21.3	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.52	20.57	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.54	20.59	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.41	20.46	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.54	20.59	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.75	20.8	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.96	21.01	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.87	20.92	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.43	19.48	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.54	19.59	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.39	19.44	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.68	19.73	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.97	21.02	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.70	20.75	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.94	20.99	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.53	19.58	38.45	PASS

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Band5	10MHz	16QAM	20525	25RB#12	22.55	19.6	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.52	19.57	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.56	19.61	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.11	21.16	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	24.08	21.13	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.10	20.15	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.54	19.59	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.56	19.61	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.64	19.69	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.44	19.49	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.58	19.63	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.95	20	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.64	19.69	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	21.39	18.44	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	21.49	18.54	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.48	18.53	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.51	18.56	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.57	19.62	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	23.03	20.08	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.71	19.76	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.63	18.68	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.42	18.47	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.56	18.61	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.51	18.56	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.55	19.6	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.58	19.63	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	22.18	19.23	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.49	18.54	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	21.52	18.57	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	21.33	18.38	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	21.51	18.56	38.45	PASS

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DIV：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.93	18.38	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.88	18.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	25.29	18.74	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.85	17.30	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.93	17.38	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.95	17.40	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.93	17.38	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	25.17	18.62	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.96	18.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	25.25	18.70	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.03	17.48	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.87	17.32	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.01	17.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.96	17.41	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.93	18.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	25.10	18.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	25.37	18.82	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.91	17.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.09	17.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.91	17.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.96	17.41	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.45	17.90	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	24.12	17.57	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	24.36	17.81	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.85	16.30	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.94	16.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.94	16.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.92	16.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	24.50	17.95	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.96	17.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	24.06	17.51	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.94	16.39	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.89	16.34	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.97	16.42	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.01	16.46	38.45	PASS

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Band5	1.4MHz	16QAM	20643	1RB#0	24.24	17.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.14	17.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	24.38	17.83	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.92	16.37	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.11	16.56	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.31	16.76	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.97	16.42	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	23.35	16.80	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	23.04	16.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	23.31	16.76	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.80	15.25	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.86	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.84	15.29	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.82	15.27	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	23.45	16.90	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.87	16.32	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.96	16.41	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.92	15.37	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.82	15.27	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.95	15.40	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.96	15.41	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	23.14	16.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	23.05	16.50	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	23.29	16.74	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.86	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	22.08	15.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	22.26	15.71	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	21.89	15.34	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.97	18.42	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.91	18.36	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	25.32	18.77	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.86	17.31	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.94	17.39	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.99	17.44	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.96	17.41	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	25.17	18.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.96	18.41	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	25.28	18.73	38.45	PASS

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Band5	3MHz	QPSK	20525	8RB#0	24.08	17.53	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.87	17.32	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	24.02	17.47	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	24.00	17.45	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.93	18.38	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	25.15	18.60	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	25.40	18.85	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.92	17.37	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	24.09	17.54	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.92	17.37	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.97	17.42	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	24.48	17.93	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.13	17.58	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	24.38	17.83	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.89	16.34	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.97	16.42	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.94	16.39	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.92	16.37	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	24.35	17.80	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.98	17.43	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	24.07	17.52	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.99	16.44	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.91	16.36	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.98	16.43	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	23.06	16.51	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	24.26	17.71	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.14	17.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	24.43	17.88	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.97	16.42	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.13	16.58	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	23.32	16.77	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.02	16.47	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	23.41	16.86	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	23.11	16.56	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	23.35	16.80	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	21.82	15.27	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	21.89	15.34	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	21.86	15.31	38.45	PASS

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Band5	3MHz	64QAM	20415	15RB#0	21.88	15.33	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	23.27	16.72	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.88	16.33	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	23.04	16.49	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	21.91	15.36	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	21.87	15.32	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	21.92	15.37	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	22.02	15.47	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	23.21	16.66	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	23.09	16.54	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	23.37	16.82	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	21.90	15.35	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	22.06	15.51	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	22.26	15.71	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.92	15.37	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.95	18.40	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.91	18.36	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	25.34	18.79	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.87	17.32	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.96	17.41	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	24.00	17.45	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.97	17.42	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	25.18	18.63	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.99	18.44	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	25.26	18.71	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	24.08	17.53	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.88	17.33	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	24.02	17.47	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	24.01	17.46	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.94	18.39	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	25.12	18.57	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	25.40	18.85	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.96	17.41	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	24.12	17.57	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.92	17.37	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.97	17.42	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	24.47	17.92	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	24.15	17.60	38.45	PASS

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Band5	5MHz	16QAM	20425	1RB#24	24.38	17.83	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.86	16.31	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.94	16.39	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.96	16.41	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.95	16.40	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.25	17.70	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.98	17.43	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	24.08	17.53	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.94	16.39	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.89	16.34	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	23.01	16.46	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	23.03	16.48	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	24.26	17.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	24.15	17.60	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	24.39	17.84	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.92	16.37	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	23.15	16.60	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.36	16.81	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.99	16.44	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	23.40	16.85	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	23.11	16.56	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	23.30	16.75	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	21.77	15.22	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	21.92	15.37	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	21.88	15.33	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.88	15.33	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	23.18	16.63	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.88	16.33	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.99	16.44	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	21.87	15.32	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	21.82	15.27	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	21.93	15.38	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	21.97	15.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	23.23	16.68	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	23.07	16.52	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	23.36	16.81	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	21.86	15.31	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	22.11	15.56	38.45	PASS

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Band5	5MHz	64QAM	20625	25RB#0	21.94	15.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.93	18.38	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	25.33	18.78	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	25.12	18.57	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	24.06	17.51	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.97	17.42	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	24.00	17.45	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.94	17.39	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.98	18.43	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	25.42	18.87	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	25.09	18.54	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	24.09	17.54	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.91	17.36	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	24.03	17.48	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	24.00	17.45	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.95	18.40	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	25.26	18.71	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	25.20	18.65	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.94	17.39	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	24.01	17.46	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.92	17.37	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.98	17.43	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.48	17.93	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	24.12	17.57	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	24.41	17.86	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.90	16.35	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.96	16.41	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.98	16.43	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.97	16.42	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	24.35	17.80	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	24.01	17.46	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	24.10	17.55	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.94	16.39	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.92	16.37	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	23.01	16.46	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	23.04	16.49	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	24.26	17.71	38.45	PASS

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Band5	10MHz	16QAM	20600	1RB#24	24.19	17.64	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	24.42	17.87	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.94	16.39	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.11	16.56	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.35	16.80	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	23.02	16.47	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	23.45	16.90	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	23.09	16.54	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	23.31	16.76	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	21.81	15.26	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	21.88	15.33	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.88	15.33	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.93	15.38	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	23.32	16.77	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.97	16.42	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	23.06	16.51	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.85	15.30	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.84	15.29	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.98	15.43	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.95	15.40	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	23.24	16.69	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	23.14	16.59	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	23.36	16.81	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	21.89	15.34	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	22.09	15.54	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	22.26	15.71	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	21.94	15.39	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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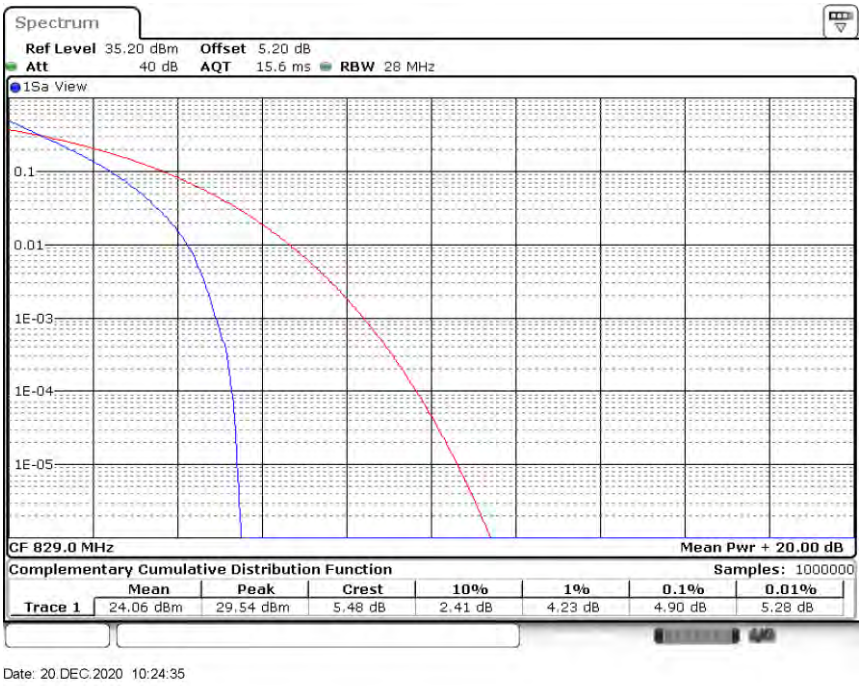
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.99	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.70	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.43	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.43	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.32	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.83	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.54	13	PASS

2.2. Test Plots

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



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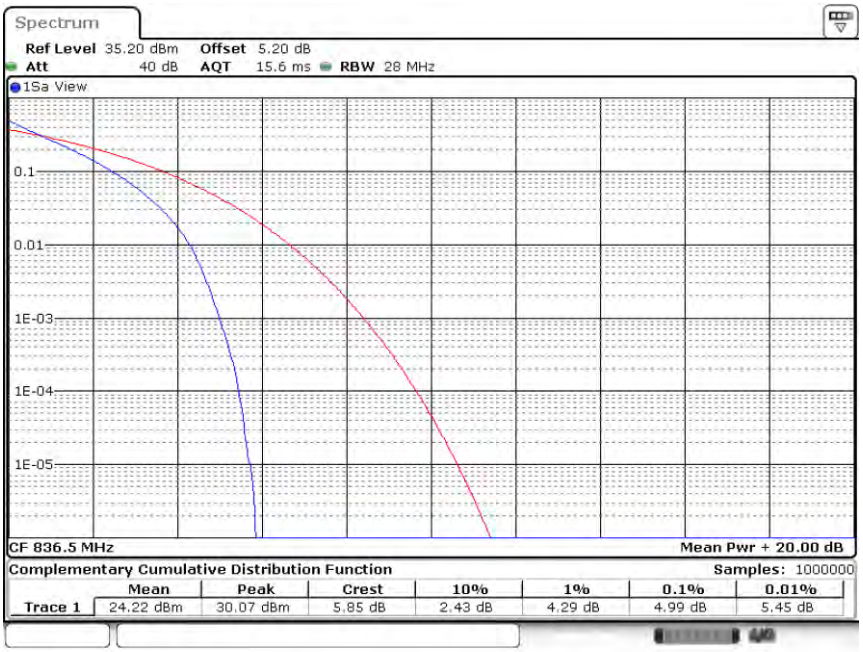
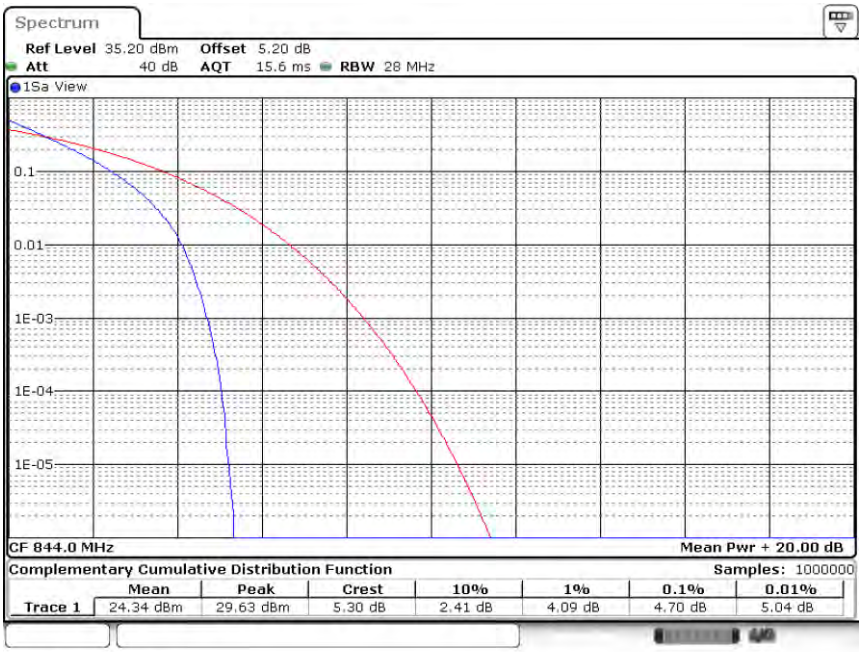
Band5-10MHz-QPSK-20525-50RB#0



Date: 20.DEC.2020 10:24:57

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



Date: 20.DEC.2020 10:25:19

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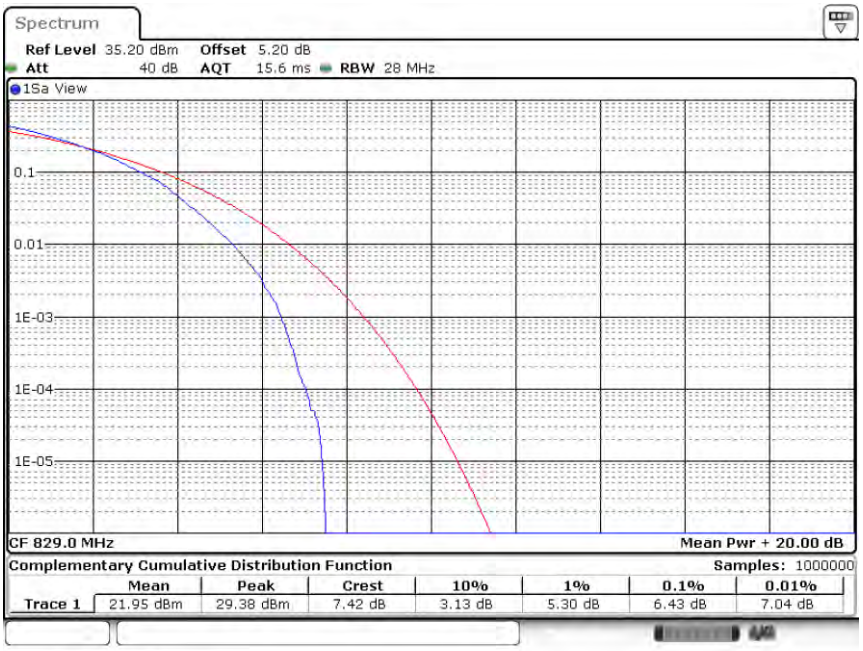
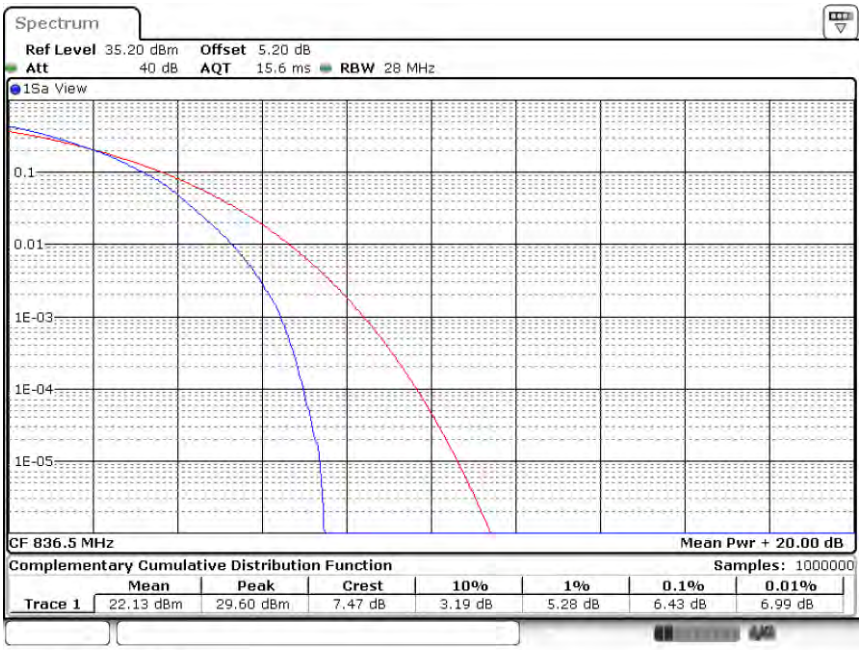
Band5-10MHz-64QAM-20450-50RB#0



Date: 23.DEC.2020 16:28:04

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



Date: 23.DEC.2020 16:28:16

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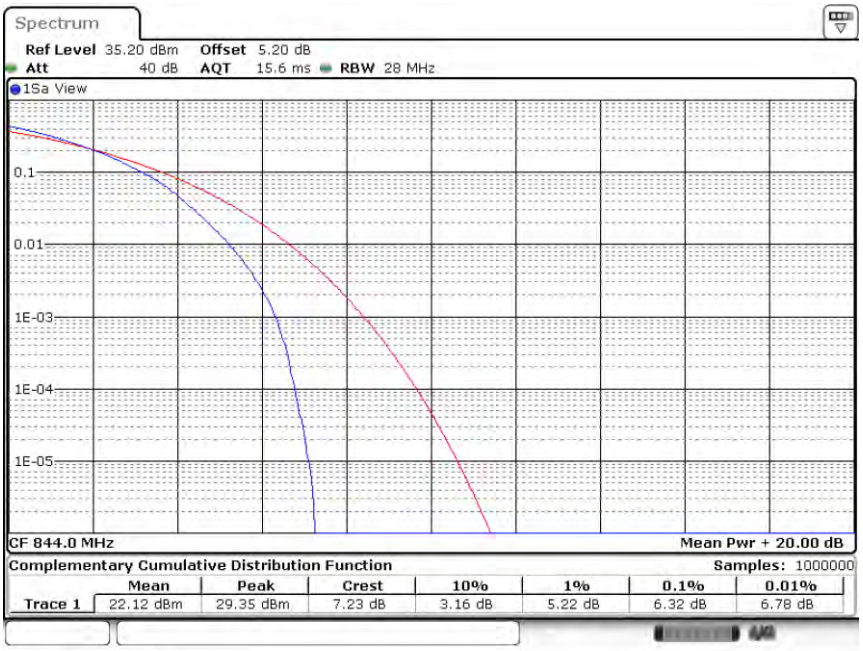
Band5-10MHz-64QAM-20600-50RB#0



Date: 23.DEC.2020 16:28:27

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

Date: 20.DEC.2020 10:24:46

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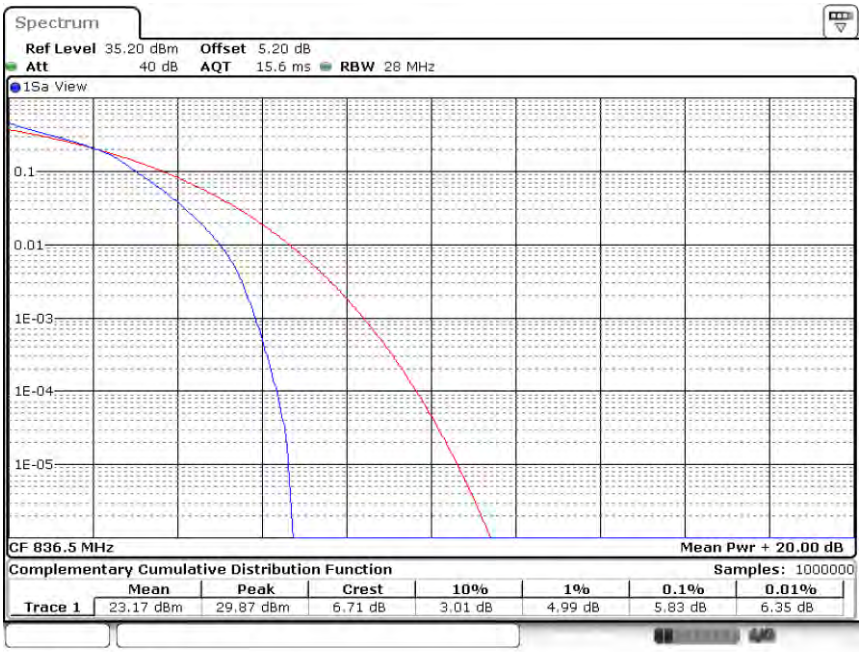
Band5-10MHz-16QAM-20525-50RB#0



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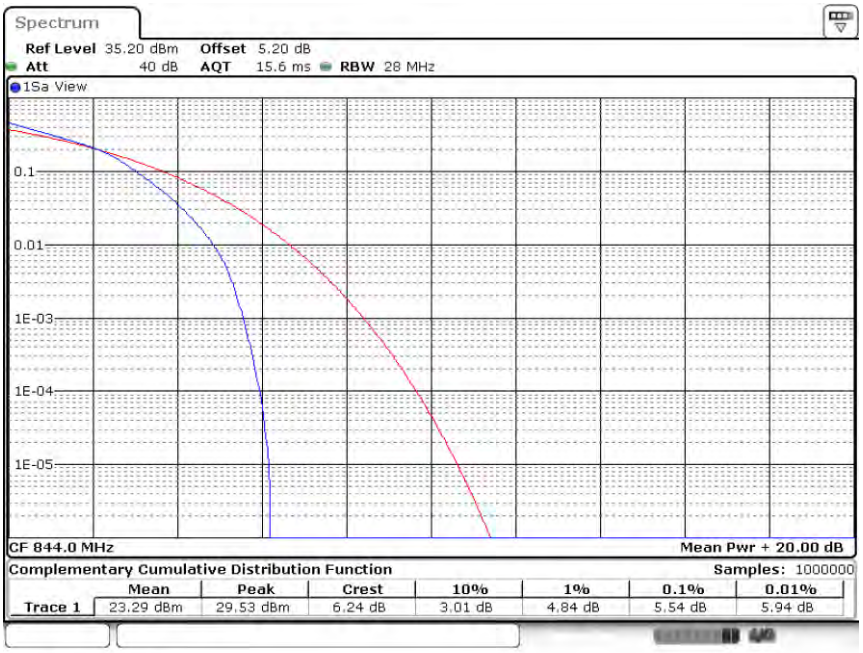
Band5-10MHz-16QAM-20600-50RB#0



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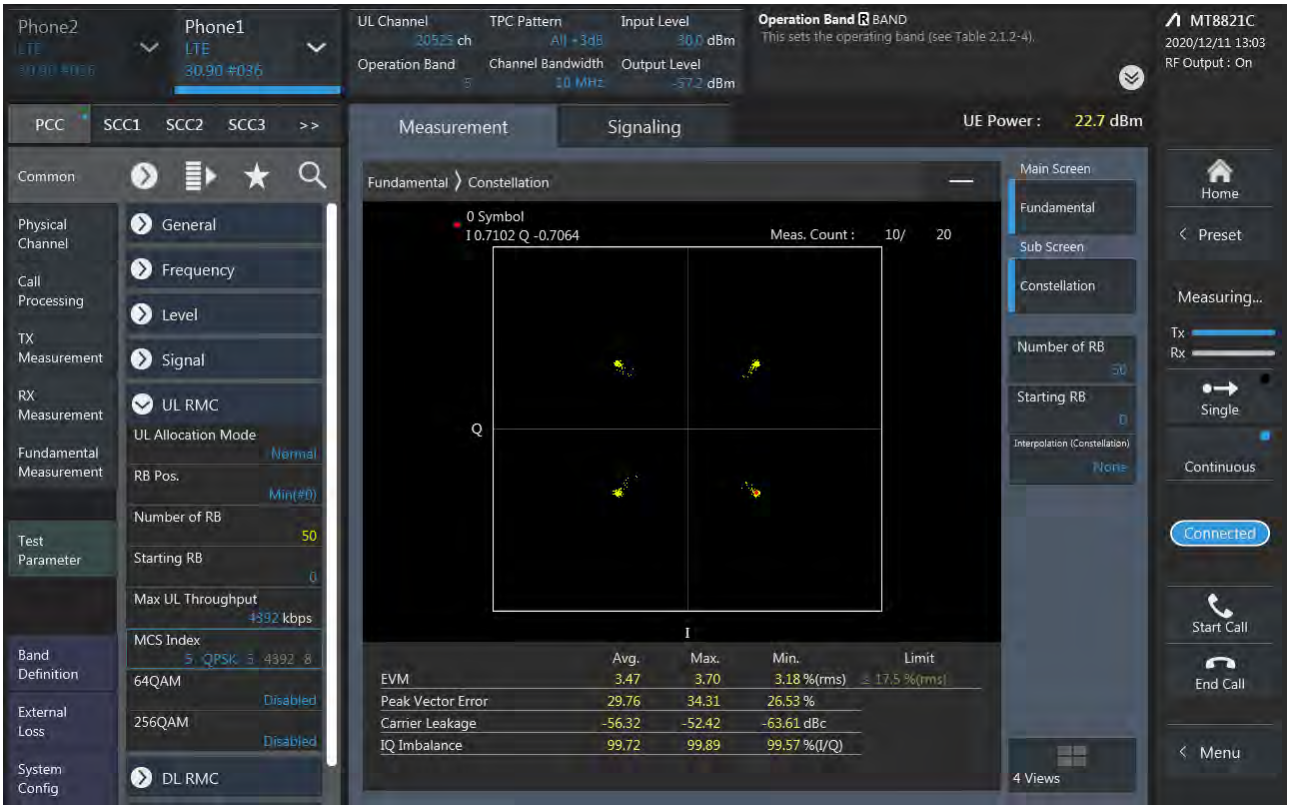
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1.Test Channel = MCH



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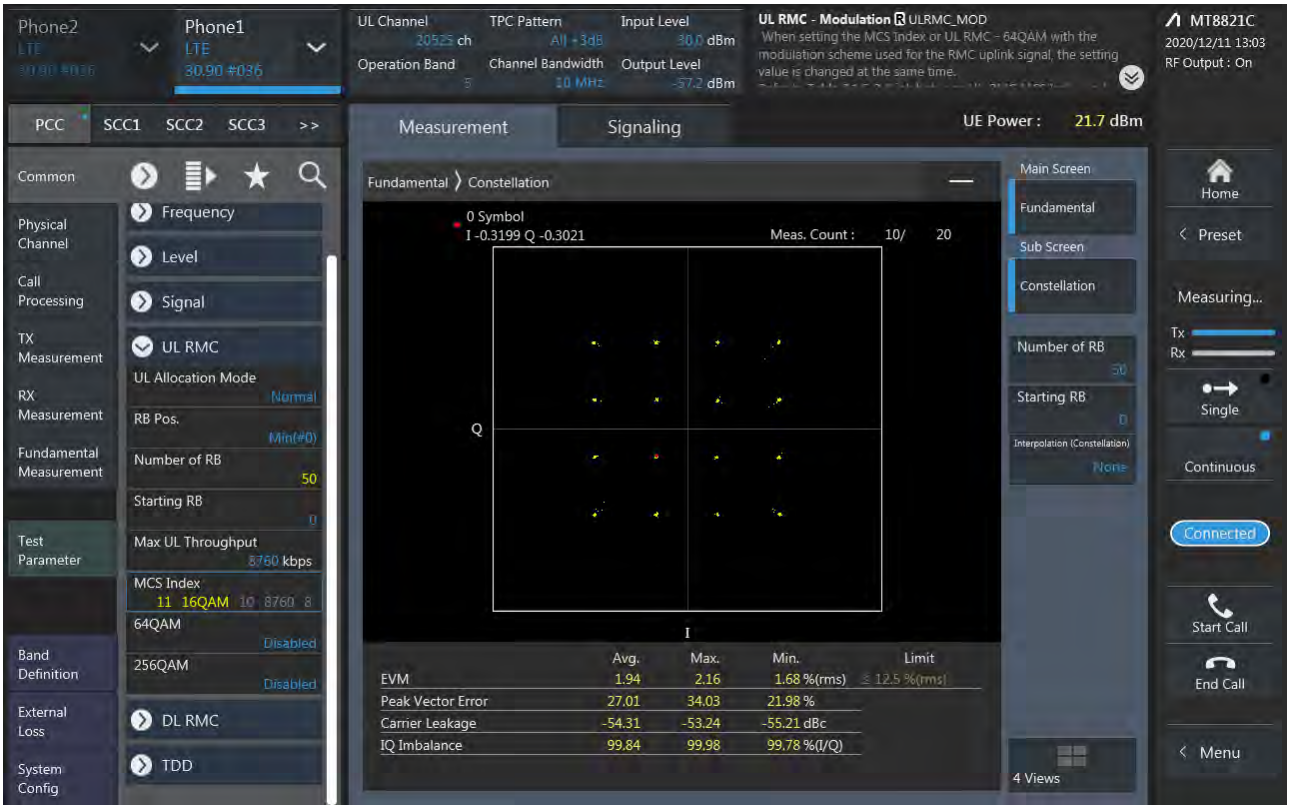
3.2. Test Mode = LTE /TM2 10MHz

3.2.1.Test Channel = MCH



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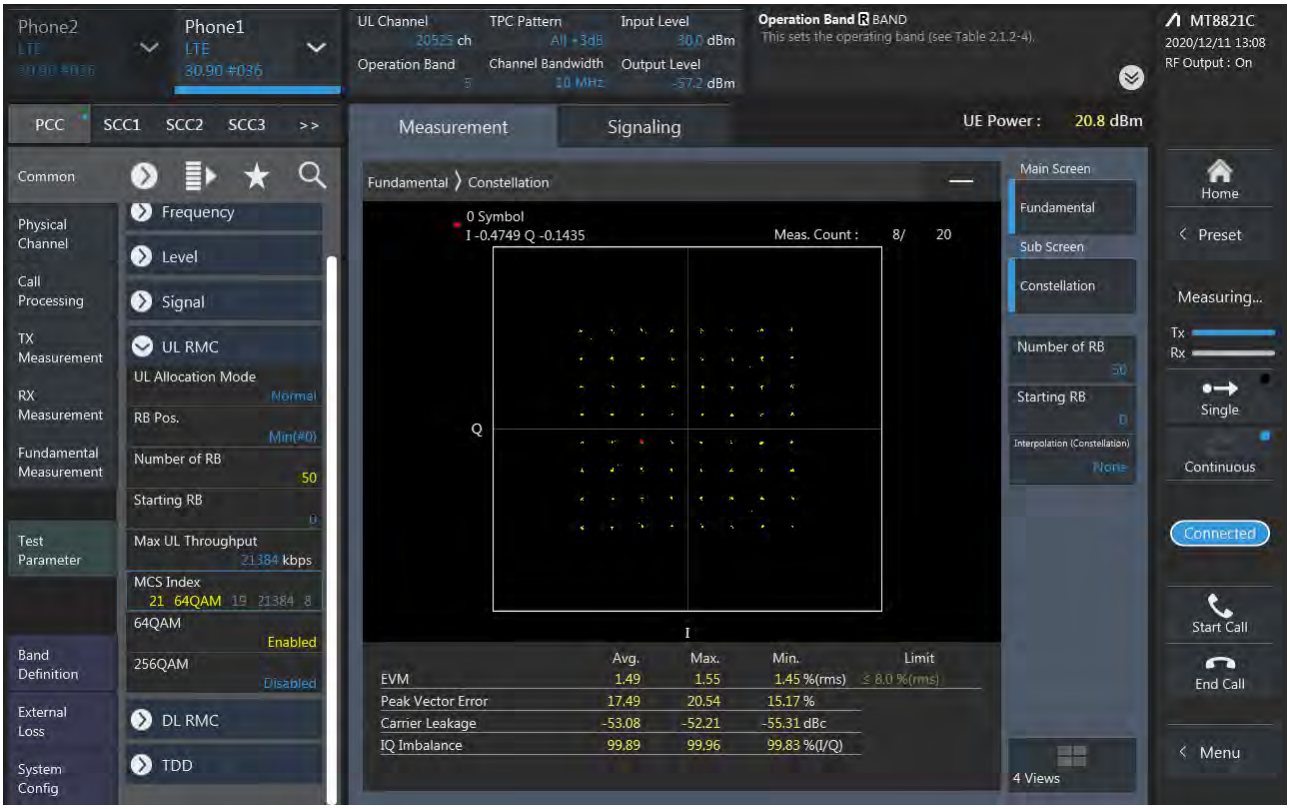
3.3. Test Mode = LTE /TM3 10MHz

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	1.299	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.094	1.299	PASS
Band5	1.4MHz	QPSK	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	1.4MHz	16QAM	20407	6RB#0	1.091	1.287	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.293	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	2.994	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.982	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.697	3.000	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.685	2.976	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.673	2.898	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.982	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.970	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.976	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.691	2.970	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.920	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.930	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.940	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.920	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.920	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.910	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.930	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.486	4.960	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.940	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.720	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.931	9.760	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.700	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.911	9.680	PASS

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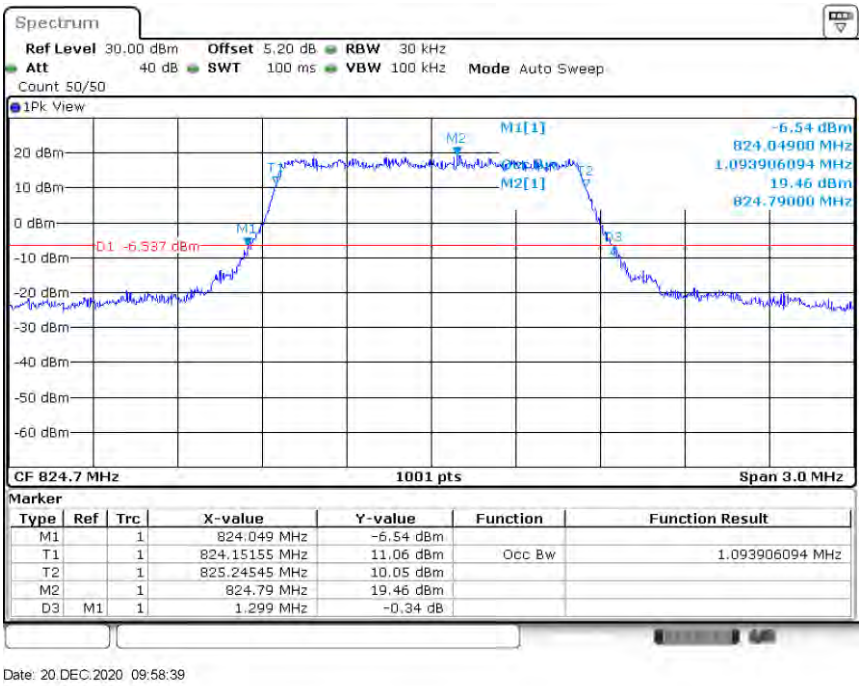
Band5	10MHz	64QAM	20525	50RB#0	8.951	9.440	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.680	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.780	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.740	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.720	PASS

4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.094



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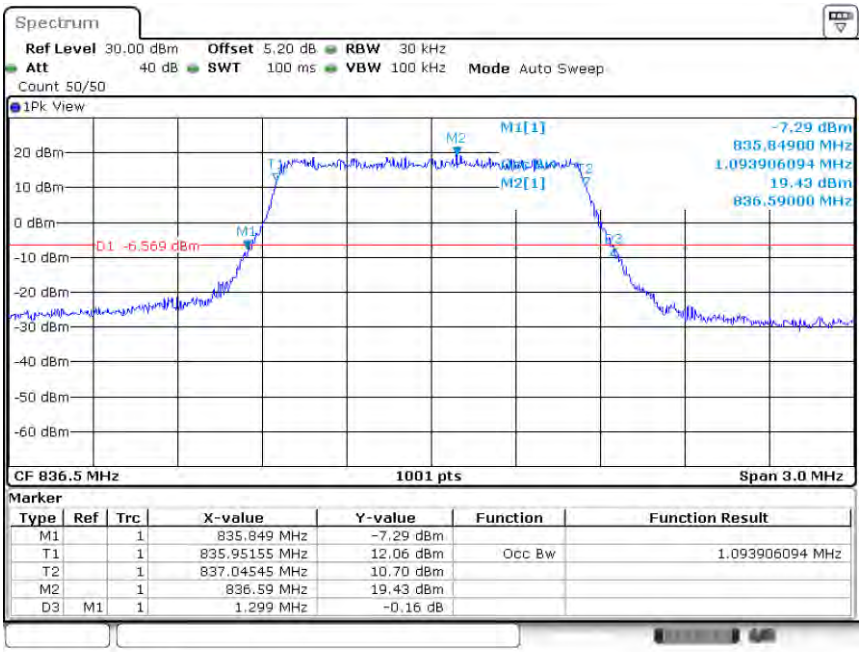
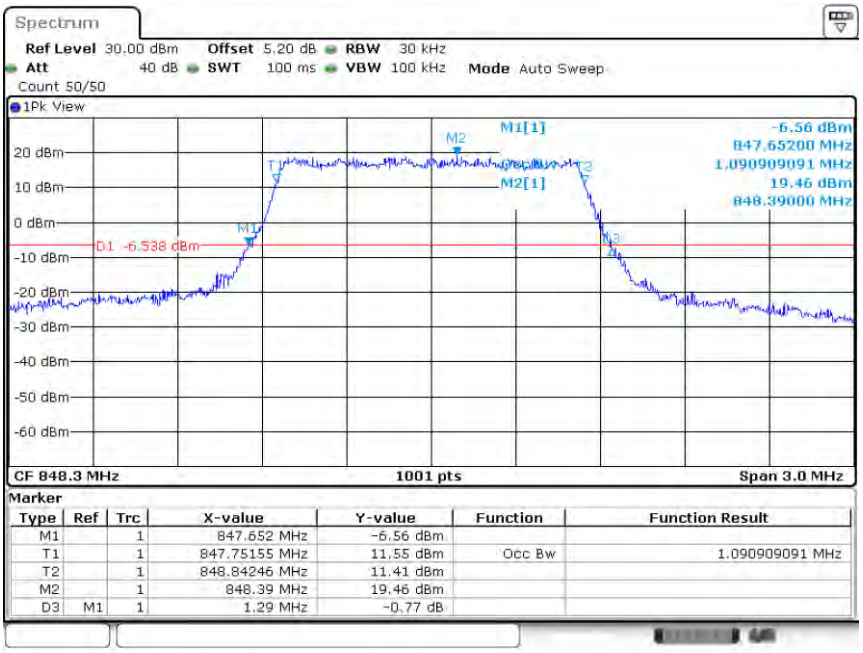
Band5-1.4MHz-QPSK-20525-6RB#0-1.094



Date: 20.DEC.2020 09:59:06

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



Date: 20.DEC.2020 09:59:32

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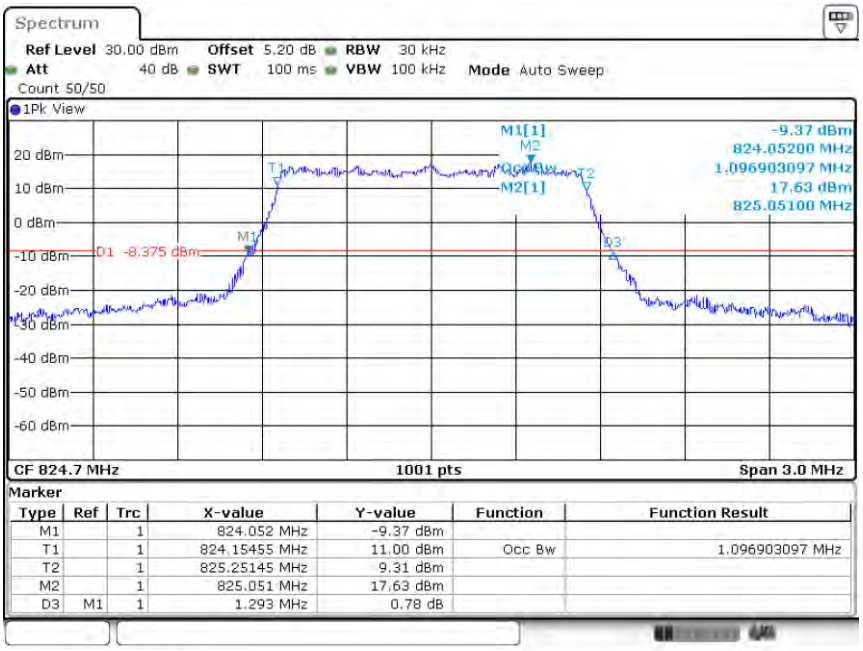
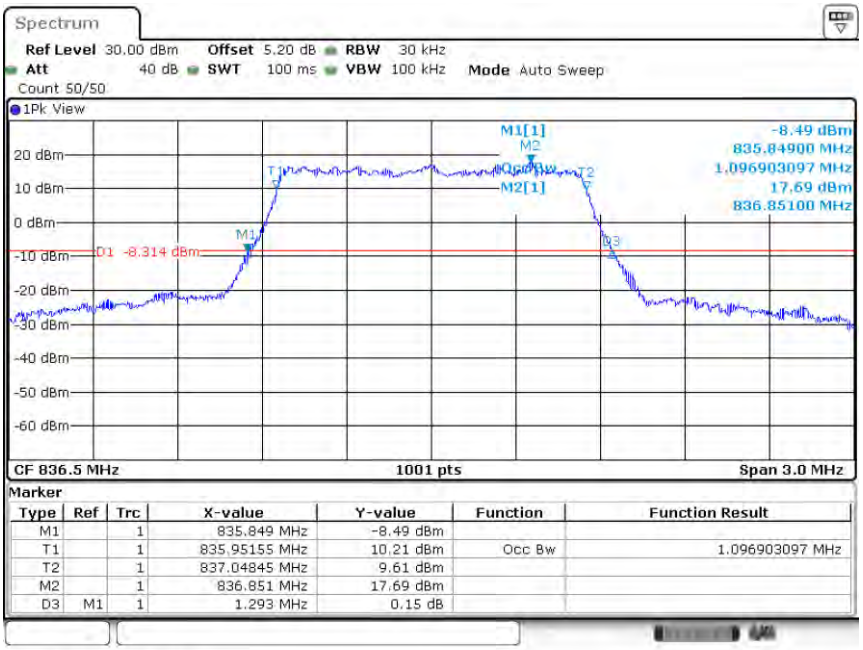
Band5-1.4MHz-64QAM-20407-6RB#0-1.097



Date: 23.DEC.2020 16:13:26

Band5-1.4MHz-64QAM-20525-6RB#0-1.097



Date: 23.DEC.2020 16:13:39

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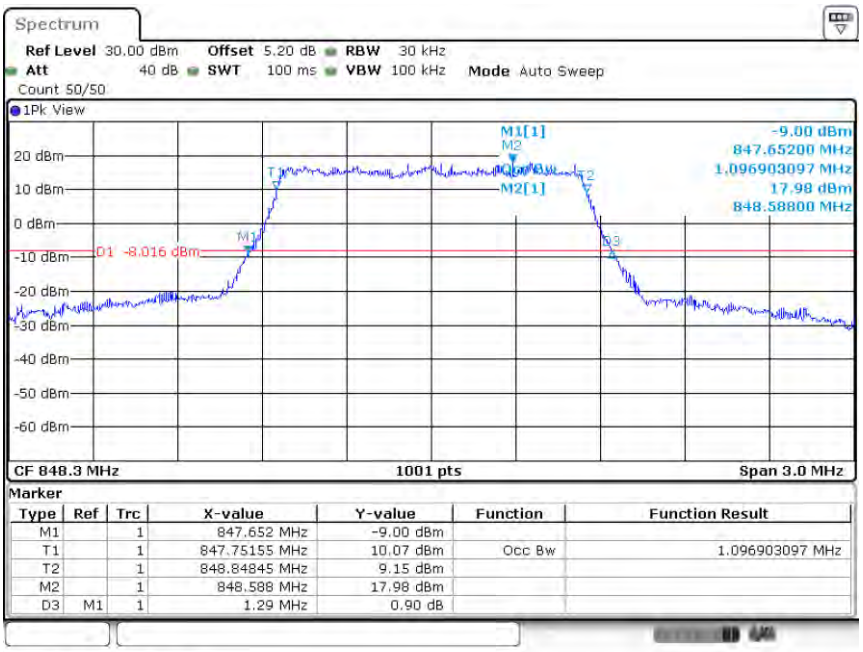
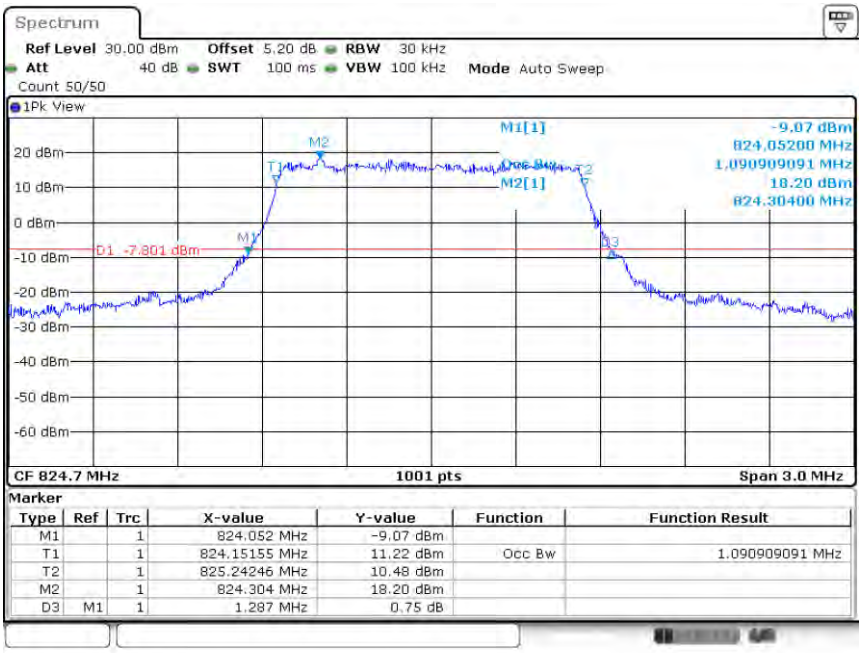


Date: 23.DEC.2020 16:13:53

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



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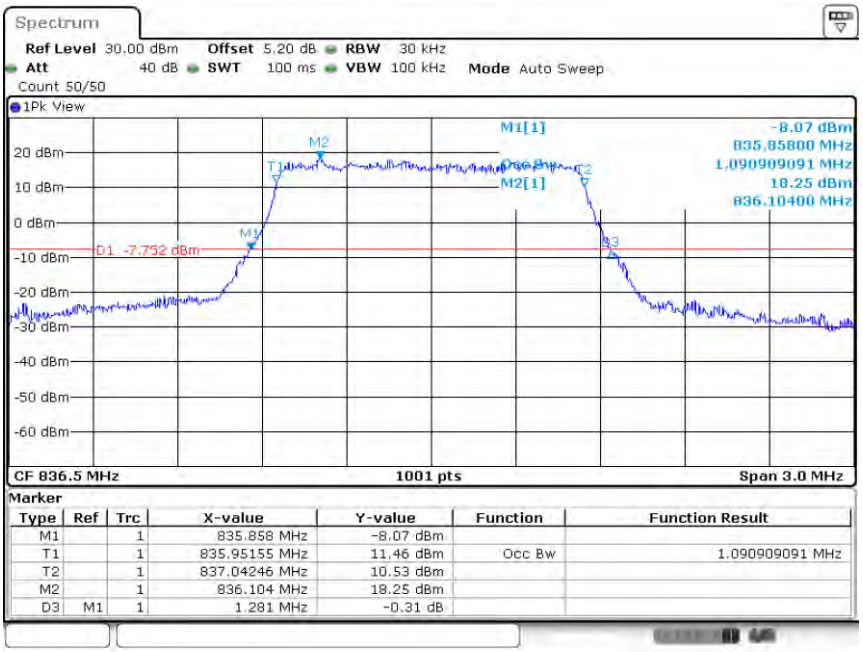
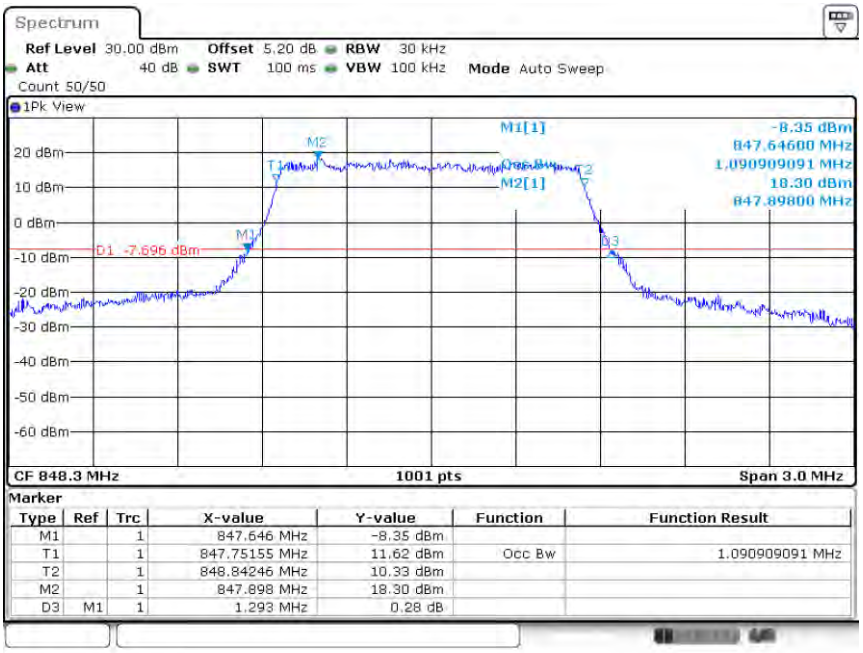
Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 20.DEC.2020 09:59:19

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



Date: 20.DEC.2020 09:59:45

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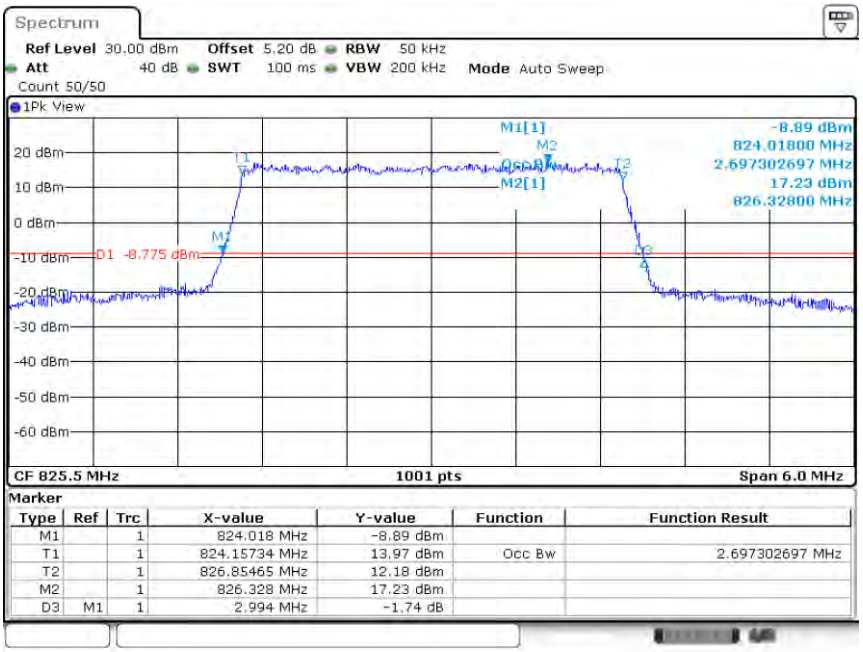
Band5-3MHz-QPSK-20415-15RB#0-2.697

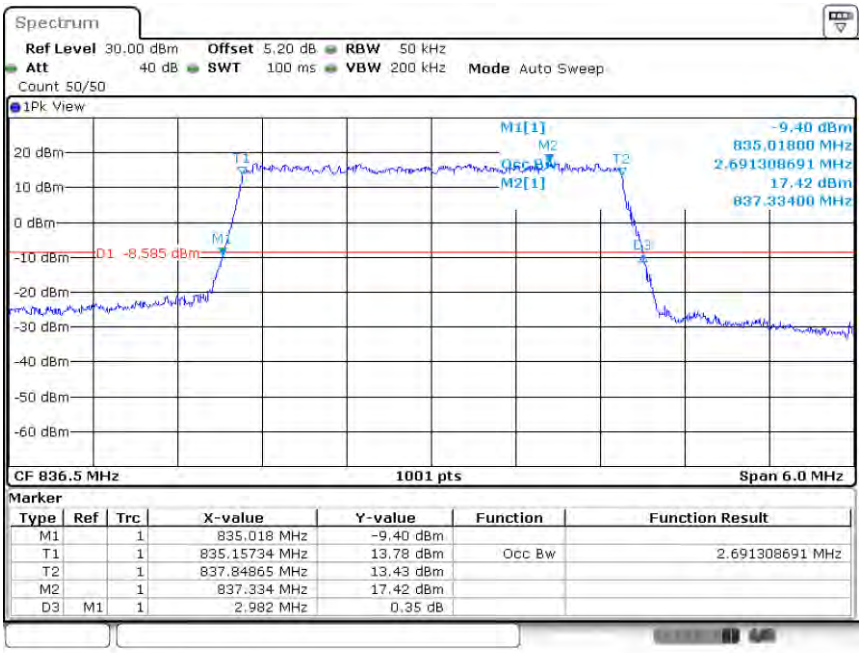


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.018 MHz	-8.89 dBm		
T1		1	824.15734 MHz	13.97 dBm	Occ Bw	2.697302697 MHz
T2		1	826.85465 MHz	12.18 dBm		
M2		1	826.328 MHz	17.23 dBm		
D3	M1	1	2.994 MHz	-1.74 dB		

Date: 20.DEC.2020 10:00:04

Band5-3MHz-QPSK-20525-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.018 MHz	-9.40 dBm		
T1		1	835.15734 MHz	13.78 dBm	Occ Bw	2.691308691 MHz
T2		1	837.84865 MHz	13.43 dBm		
M2		1	837.334 MHz	17.42 dBm		
D3	M1	1	2.982 MHz	0.35 dB		

Date: 20.DEC.2020 10:00:30

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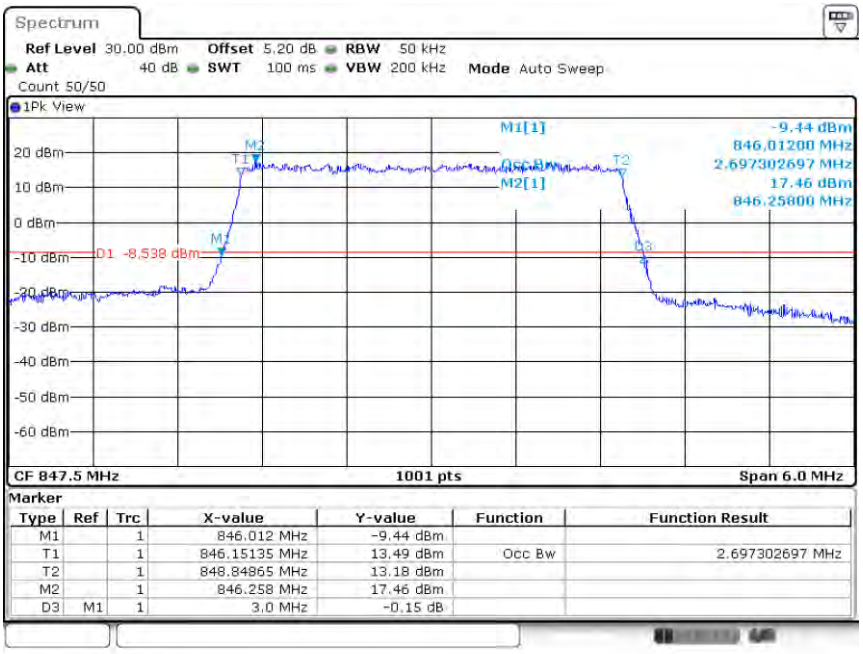
Band5-3MHz-QPSK-20635-15RB#0-2.697



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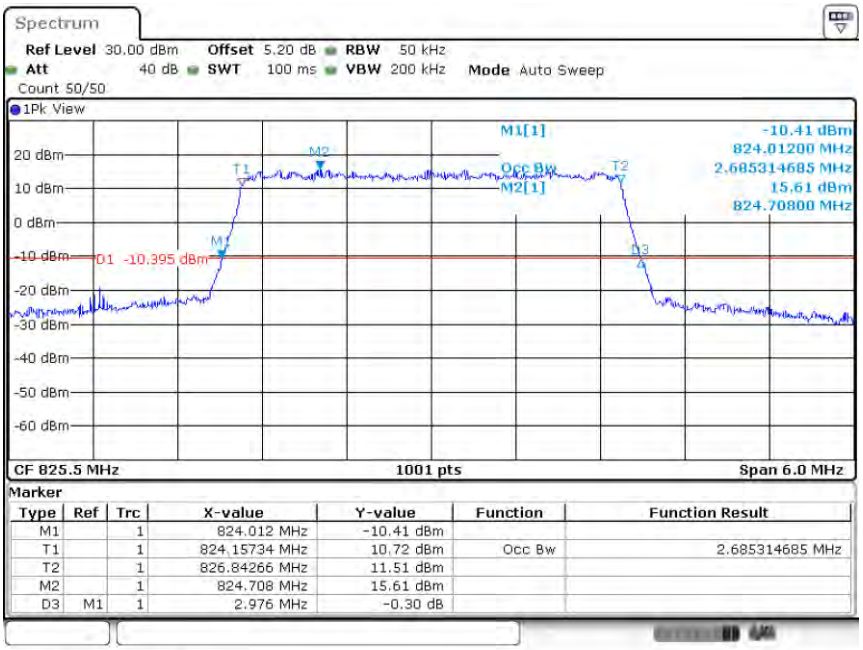
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	846.012 MHz	-9.44 dBm		
T1		1	846.15135 MHz	13.49 dBm	Occ Bw	2.697302697 MHz
T2		1	848.84865 MHz	13.18 dBm		
M2		1	846.258 MHz	17.46 dBm		
D3	M1	1	3.0 MHz	-0.15 dB		

Date: 20.DEC.2020 10:00:56

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.012 MHz	-10.41 dBm		
T1		1	824.15734 MHz	10.72 dBm	Occ Bw	2.685314685 MHz
T2		1	826.84266 MHz	11.51 dBm		
M2		1	824.708 MHz	15.61 dBm		
D3	M1	1	2.976 MHz	-0.30 dB		

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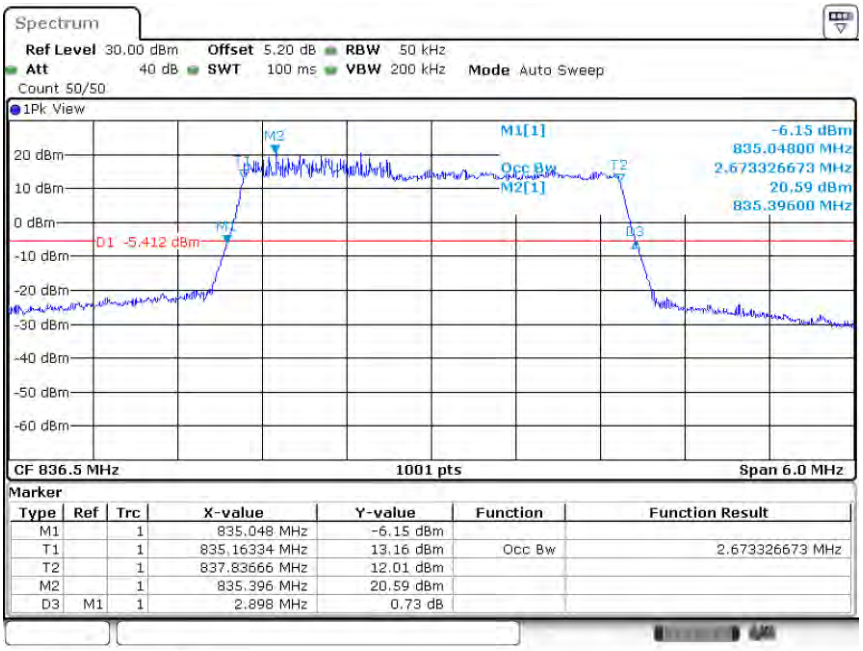
Band5-3MHz-64QAM-20525-15RB#0-2.673



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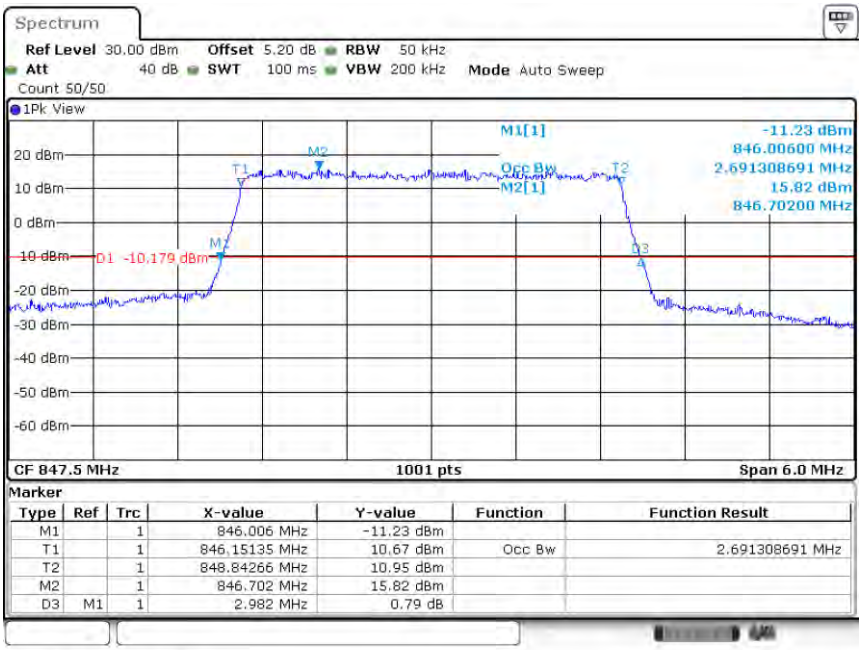
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.048 MHz	-6.15 dBm		
T1		1	835.16334 MHz	13.16 dBm	Occ Bw	2.673326673 MHz
T2		1	837.83666 MHz	12.01 dBm		
M2		1	835.396 MHz	20.59 dBm		
D3	M1	1	2.898 MHz	0.73 dB		

Date: 23.DEC.2020 16:14:26

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	846.006 MHz	-11.23 dBm		
T1		1	846.15135 MHz	10.67 dBm	Occ Bw	2.691308691 MHz
T2		1	848.84266 MHz	10.95 dBm		
M2		1	846.702 MHz	15.82 dBm		
D3	M1	1	2.982 MHz	0.79 dB		

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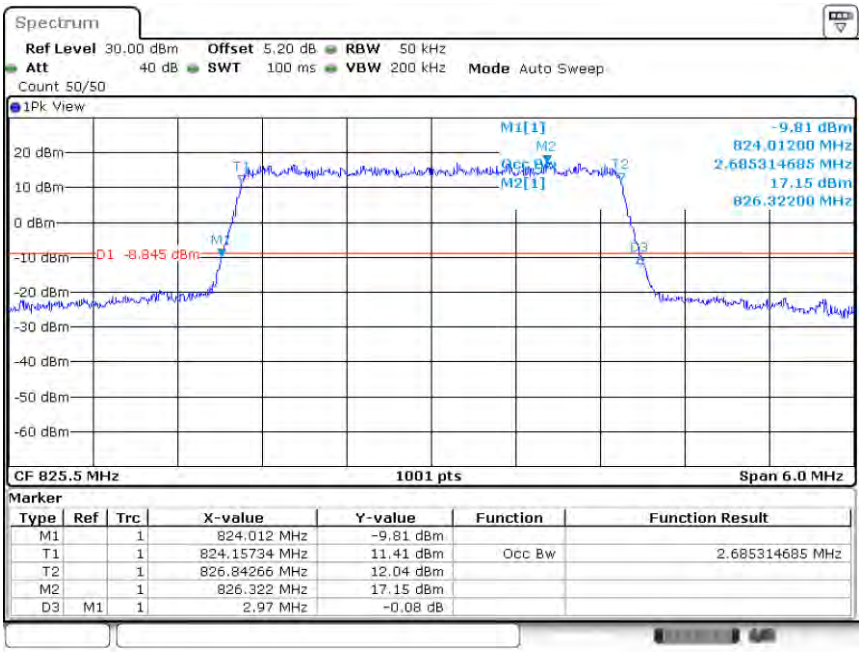
Band5-3MHz-16QAM-20415-15RB#0-2.685



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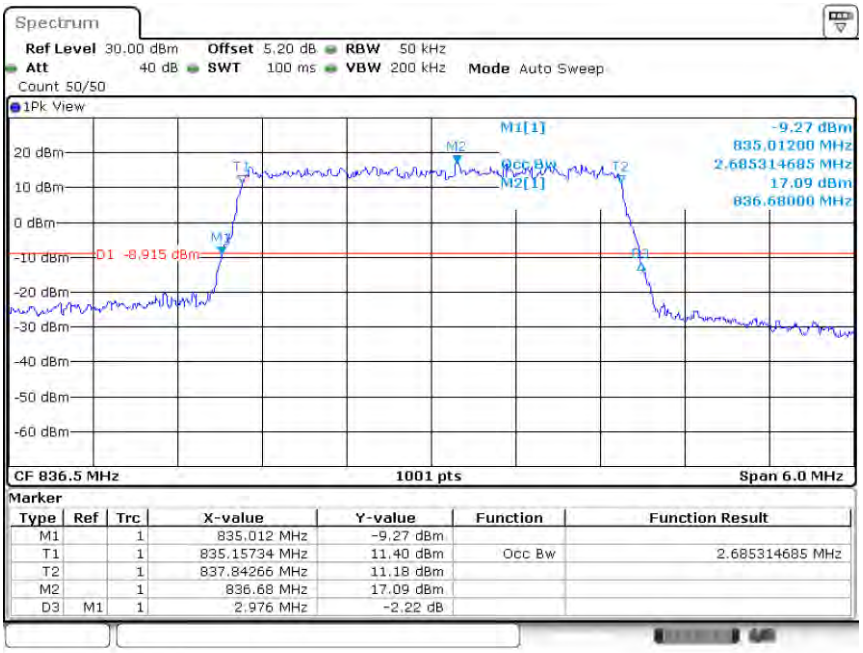
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.012 MHz	-9.81 dBm		
T1		1	824.15734 MHz	11.41 dBm	Occ Bw	2.685314685 MHz
T2		1	826.84266 MHz	12.04 dBm		
M2		1	826.322 MHz	17.15 dBm		
D3	M1	1	2.97 MHz	-0.08 dB		

Date: 20.DEC.2020 10:00:17

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.012 MHz	-9.27 dBm		
T1		1	835.15734 MHz	11.40 dBm	Occ Bw	2.685314685 MHz
T2		1	837.84266 MHz	11.18 dBm		
M2		1	836.68 MHz	17.09 dBm		
D3	M1	1	2.976 MHz	-2.22 dB		

Date: 20.DEC.2020 10:00:43

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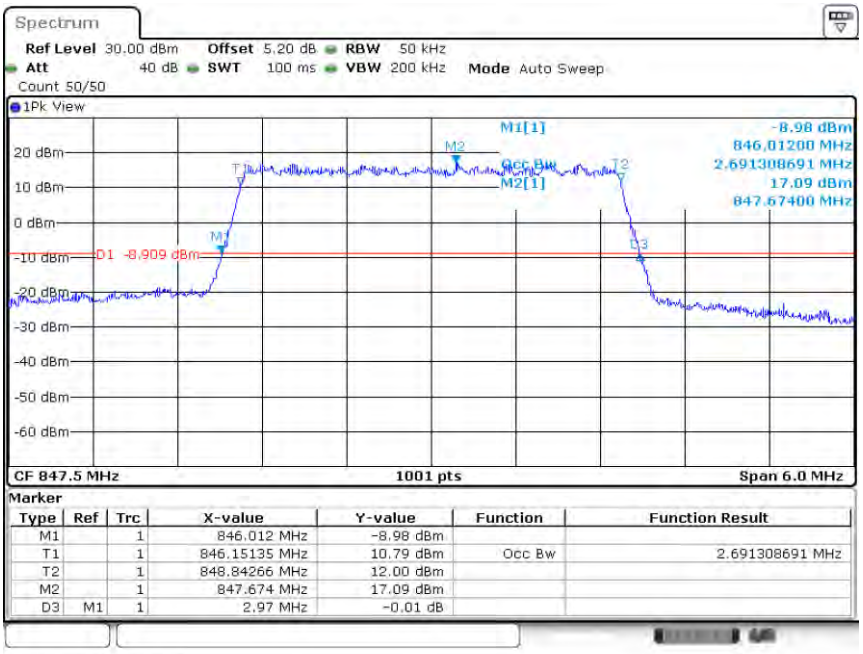
Band5-3MHz-16QAM-20635-15RB#0-2.691



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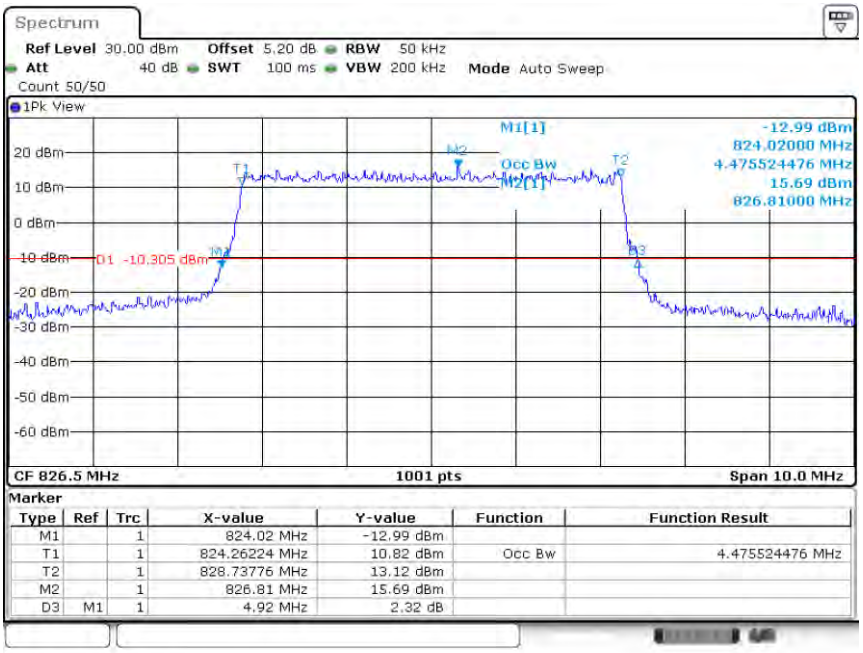
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	846.012 MHz	-8.98 dBm		
T1		1	846.15135 MHz	10.79 dBm	Occ Bw	2.691308691 MHz
T2		1	848.84266 MHz	12.00 dBm		
M2		1	847.674 MHz	17.09 dBm		
D3	M1	1	2.97 MHz	-0.01 dB		

Date: 20.DEC.2020 10:01:10

Band5-5MHz-QPSK-20425-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.02 MHz	-12.99 dBm		
T1		1	824.26224 MHz	10.82 dBm	Occ Bw	4.475524476 MHz
T2		1	828.73776 MHz	13.12 dBm		
M2		1	826.81 MHz	15.69 dBm		
D3	M1	1	4.92 MHz	2.32 dB		

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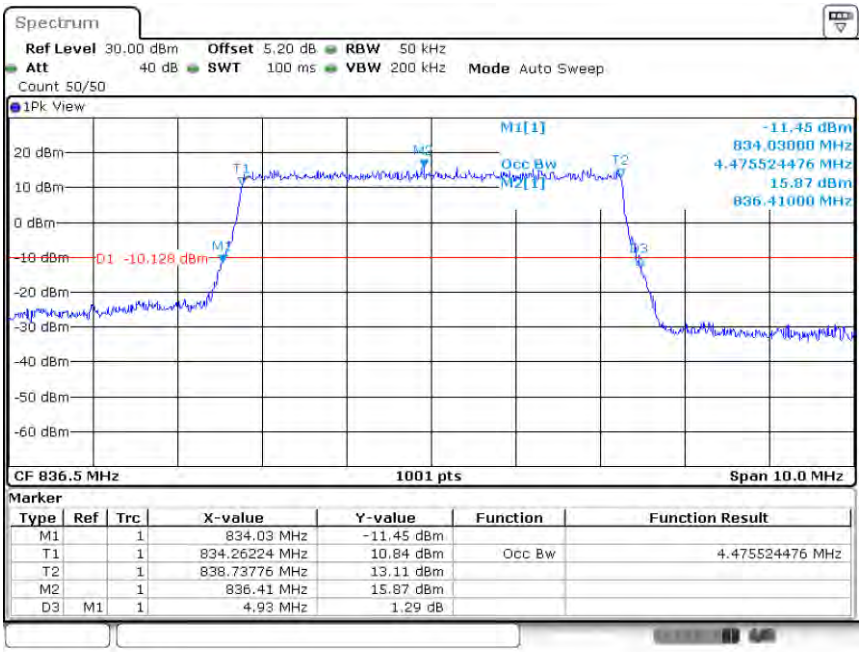
Band5-5MHz-QPSK-20525-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.03 MHz	-11.45 dBm		
T1		1	834.26224 MHz	10.84 dBm	Occ Bw	4.475524476 MHz
T2		1	838.73776 MHz	13.11 dBm		
M2		1	836.41 MHz	15.87 dBm		
D3	M1	1	4.93 MHz	1.29 dB		

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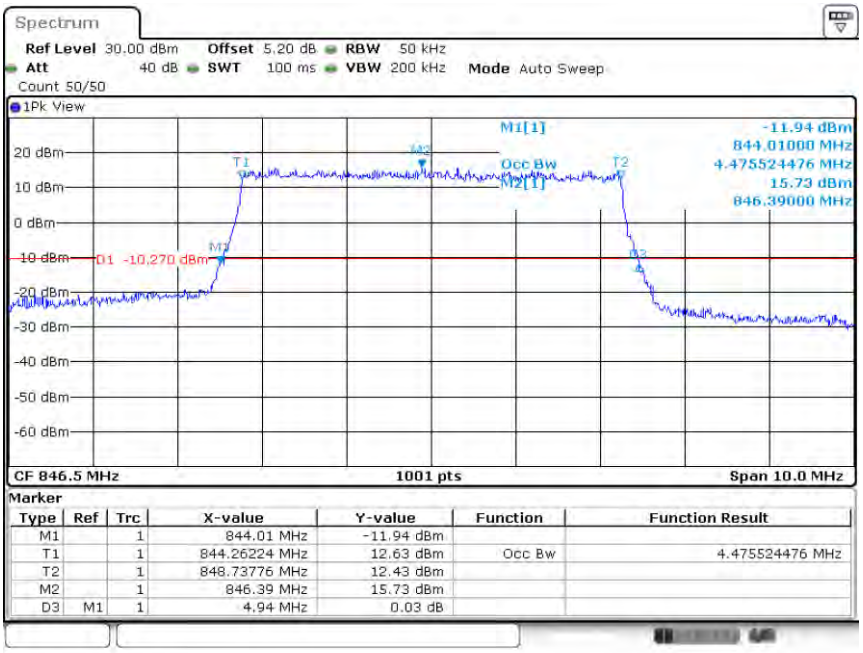
Band5-5MHz-QPSK-20625-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	844.01 MHz	-11.94 dBm		
T1		1	844.26224 MHz	12.63 dBm	Occ Bw	4.475524476 MHz
T2		1	848.73776 MHz	12.43 dBm		
M2		1	846.39 MHz	15.73 dBm		
D3	M1	1	4.94 MHz	0.03 dB		

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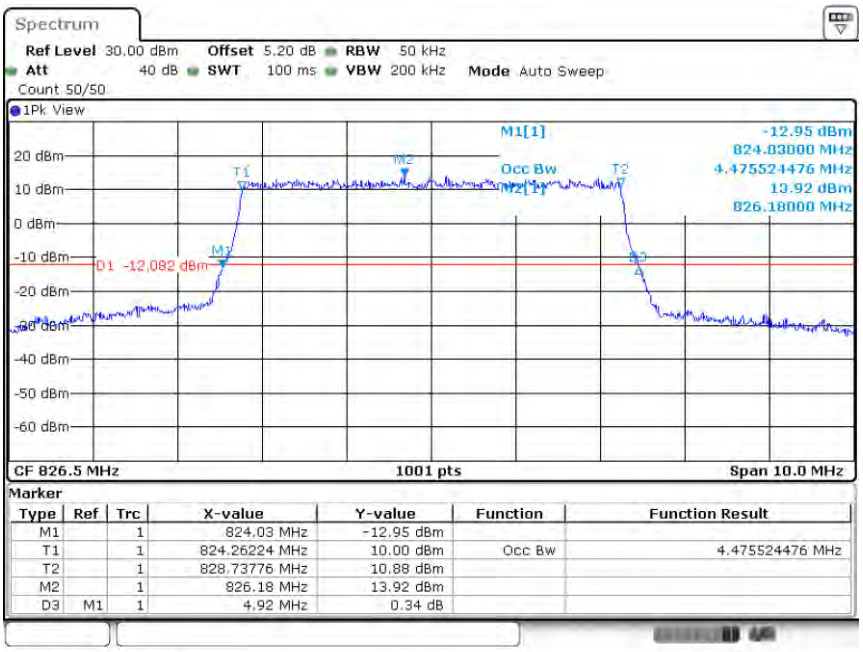
Band5-5MHz-64QAM-20425-25RB#0-4.476



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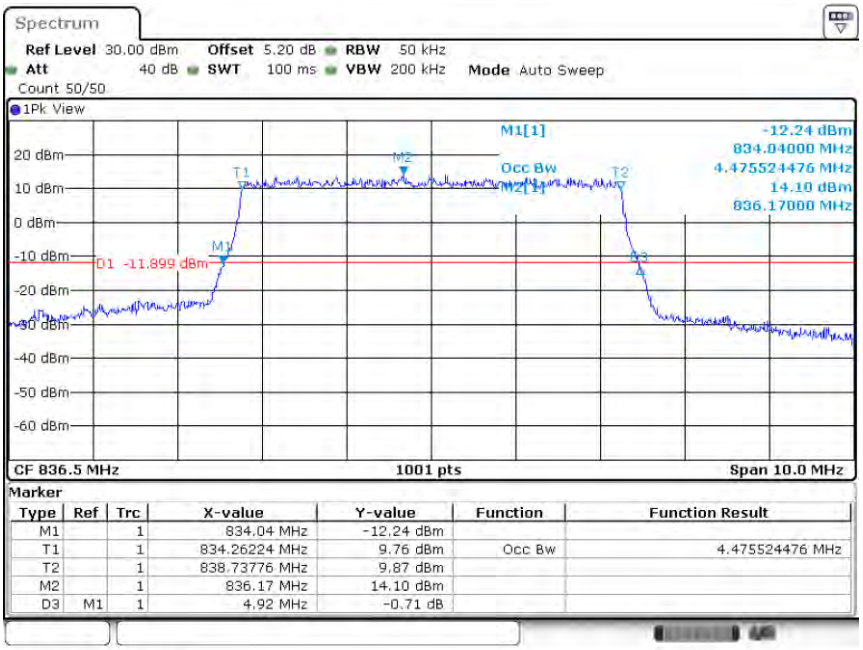
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.03 MHz	-12.95 dBm		
T1		1	824.26224 MHz	10.00 dBm	Occ Bw	4.475524476 MHz
T2		1	828.73776 MHz	10.88 dBm		
M2		1	826.18 MHz	13.92 dBm		
D3	M1	1	4.92 MHz	0.34 dB		

Date: 23.DEC.2020 16:15:02

Band5-5MHz-64QAM-20525-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.04 MHz	-12.24 dBm		
T1		1	834.26224 MHz	9.76 dBm	Occ Bw	4.475524476 MHz
T2		1	838.73776 MHz	9.87 dBm		
M2		1	836.17 MHz	14.10 dBm		
D3	M1	1	4.92 MHz	-0.71 dB		

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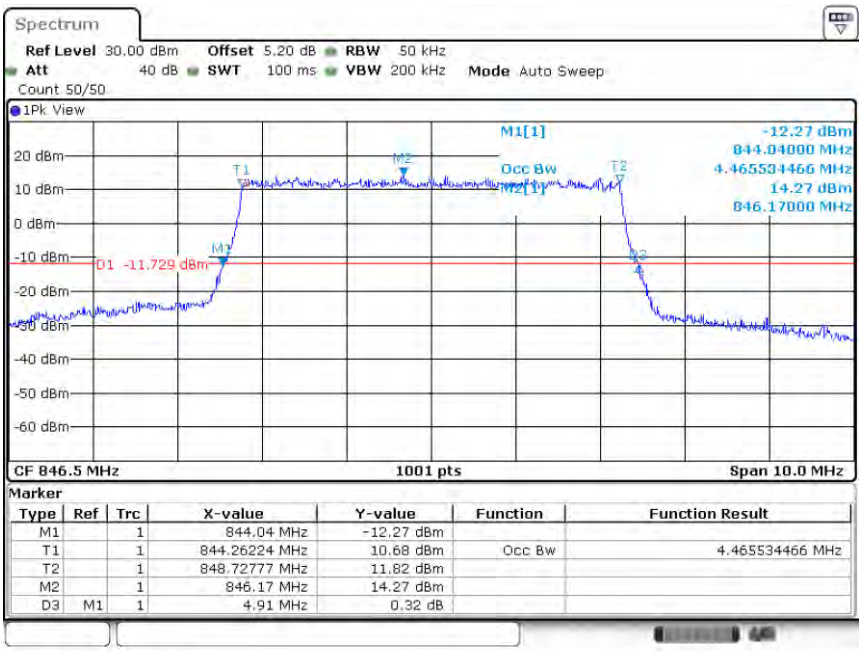
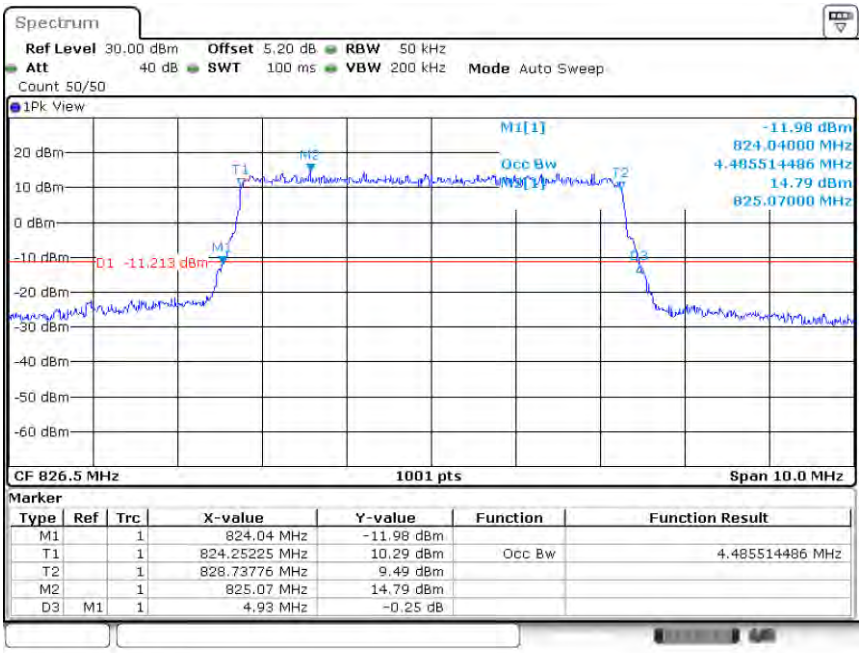
Band5-5MHz-64QAM-20625-25RB#0-4.466



Date: 23.DEC.2020 16:15:29

Band5-5MHz-16QAM-20425-25RB#0-4.486



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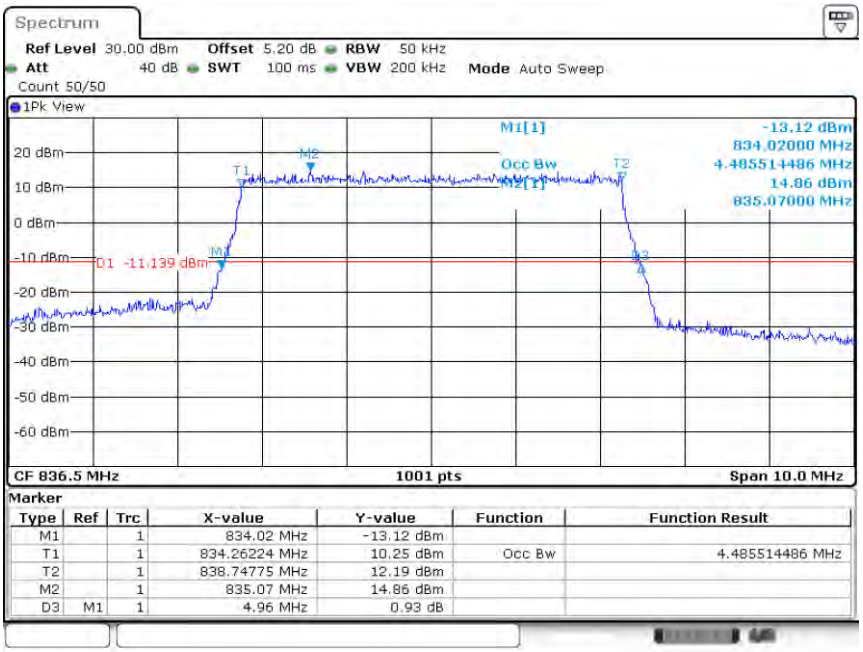
Band5-5MHz-16QAM-20525-25RB#0-4.486



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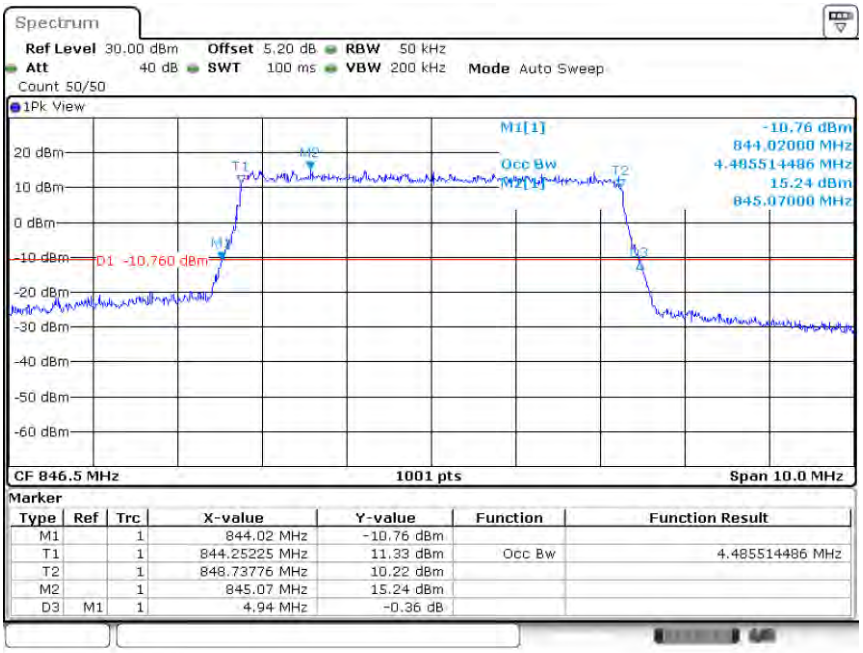
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.02 MHz	-13.12 dBm		
T1		1	834.26224 MHz	10.25 dBm	Occ Bw	4.485514486 MHz
T2		1	838.74775 MHz	12.19 dBm		
M2		1	835.07 MHz	14.86 dBm		
D3	M1	1	4.96 MHz	0.93 dB		

Date: 20.DEC.2020 10:02:07

Band5-5MHz-16QAM-20625-25RB#0-4.486



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	844.02 MHz	-10.76 dBm		
T1		1	844.25225 MHz	11.33 dBm	Occ Bw	4.485514486 MHz
T2		1	848.73776 MHz	10.22 dBm		
M2		1	845.07 MHz	15.24 dBm		
D3	M1	1	4.94 MHz	-0.36 dB		

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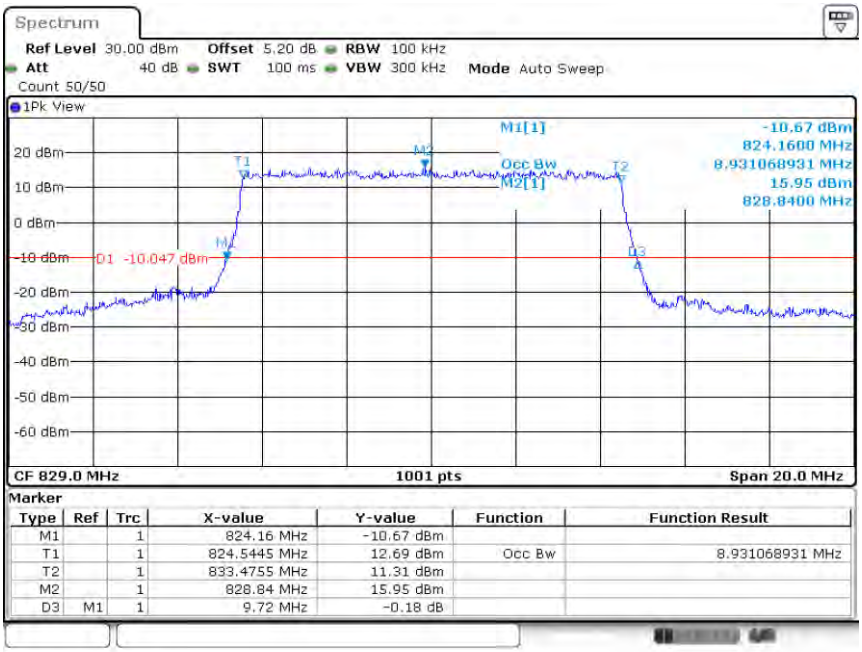
Band5-10MHz-QPSK-20450-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.16 MHz	-10.67 dBm		
T1		1	824.5445 MHz	12.69 dBm	Occ Bw	8.931068931 MHz
T2		1	833.4755 MHz	11.31 dBm		
M2		1	828.84 MHz	15.95 dBm		
D3	M1	1	9.72 MHz	-0.18 dB		

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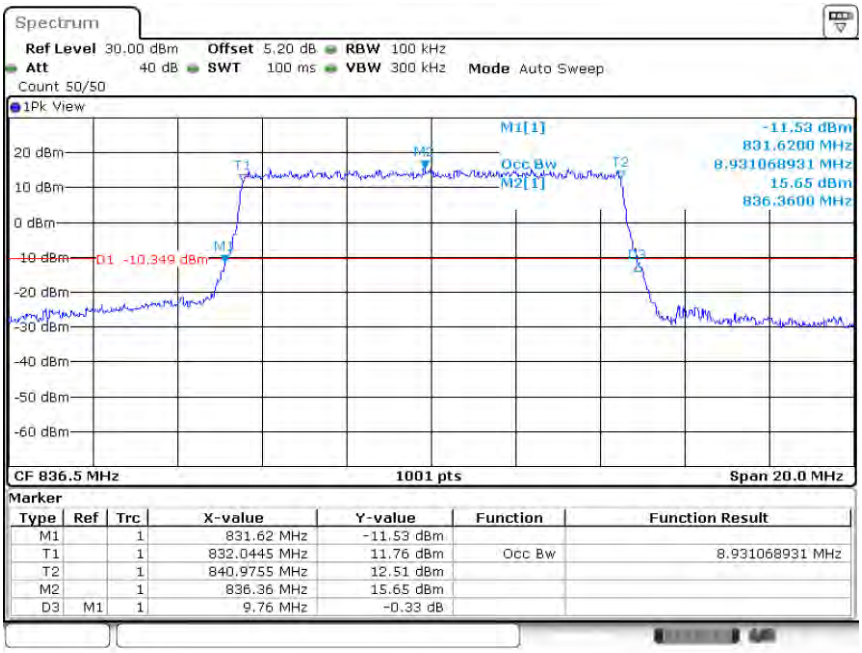
Band5-10MHz-QPSK-20525-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	831.62 MHz	-11.53 dBm		
T1		1	832.0445 MHz	11.76 dBm	Occ Bw	8.931068931 MHz
T2		1	840.9755 MHz	12.51 dBm		
M2		1	836.36 MHz	15.65 dBm		
D3	M1	1	9.76 MHz	-0.33 dB		

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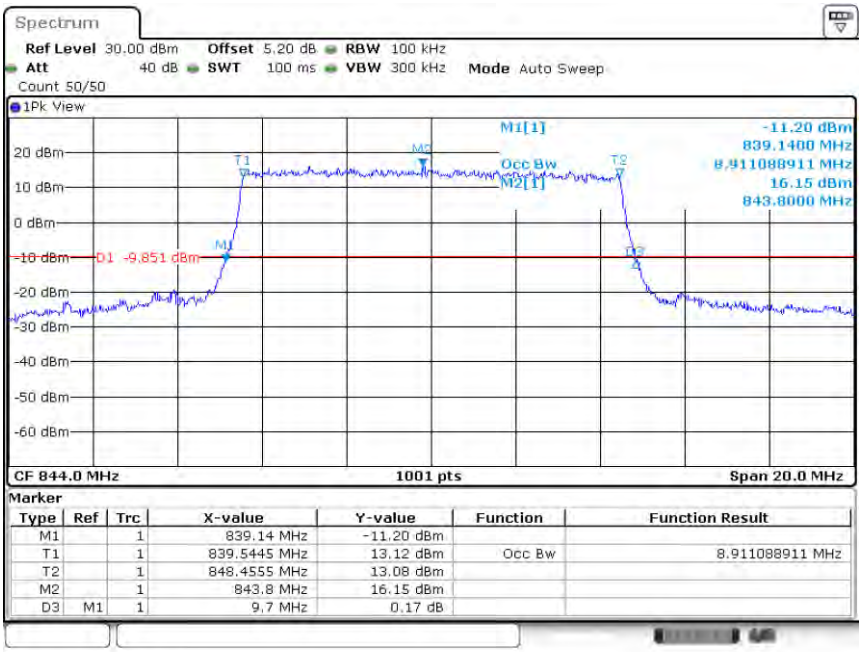
Band5-10MHz-QPSK-20600-50RB#0-8.911



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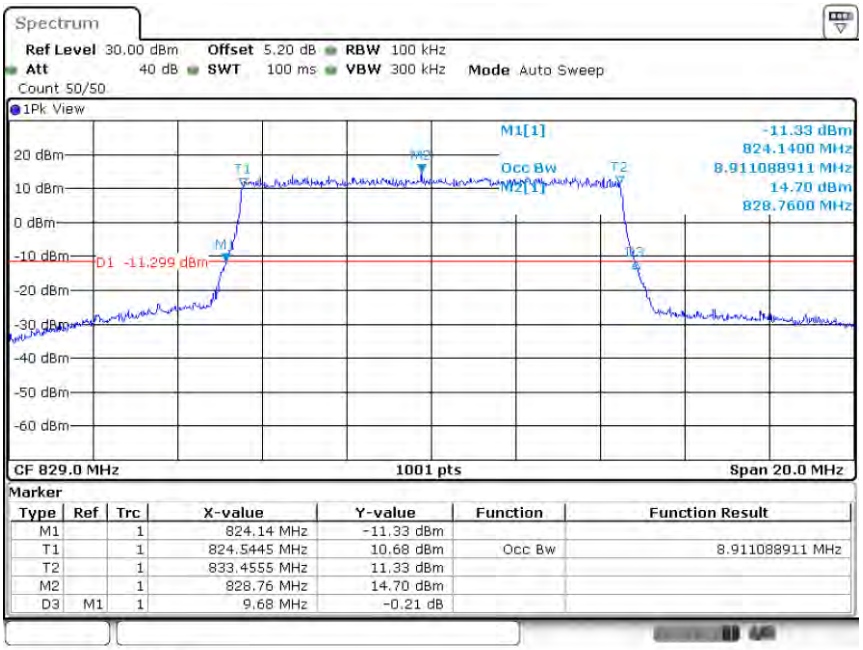
Band5-10MHz-64QAM-20450-50RB#0-8.911



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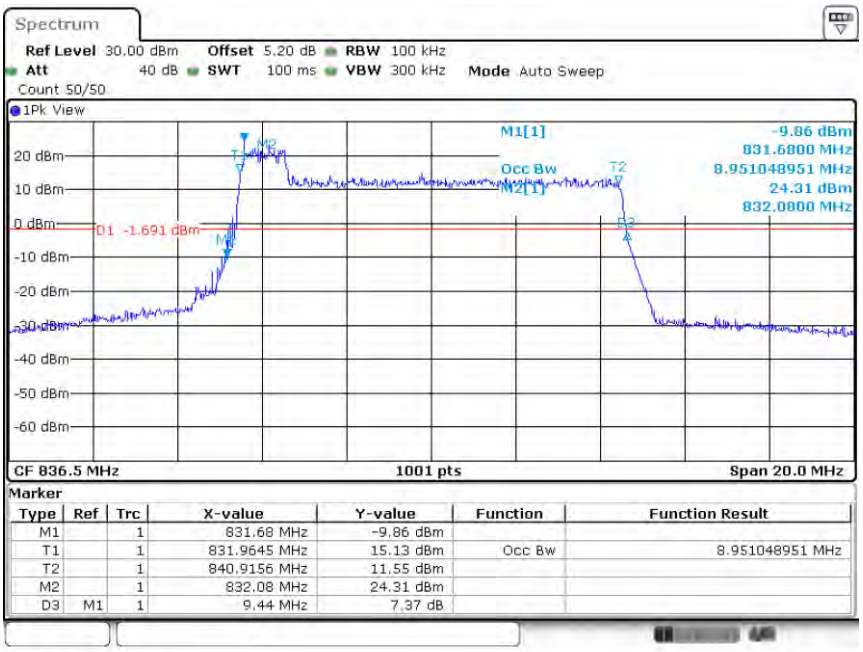
Band5-10MHz-64QAM-20525-50RB#0-8.951



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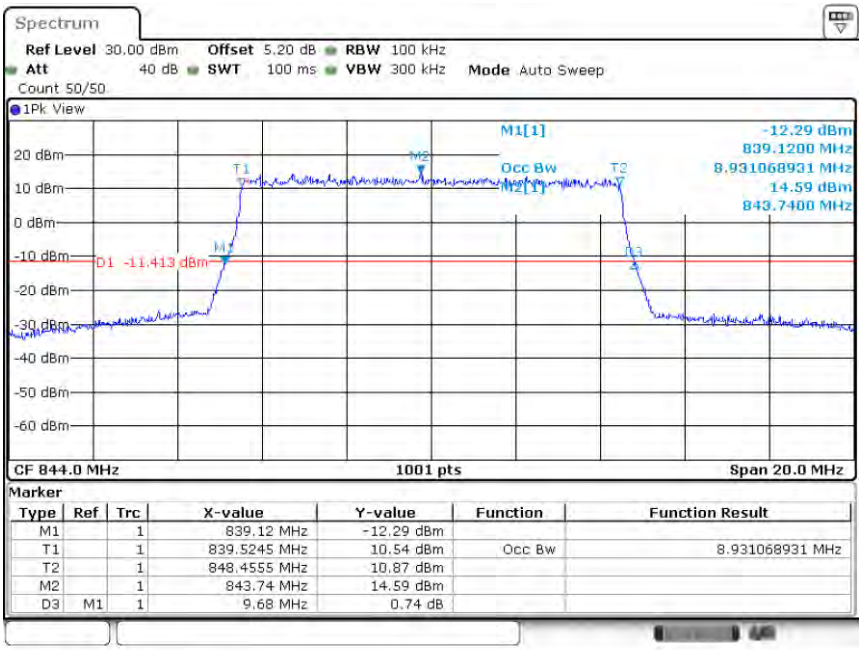
Band5-10MHz-64QAM-20600-50RB#0-8.931



Date: 23.DEC.2020 16:16:17

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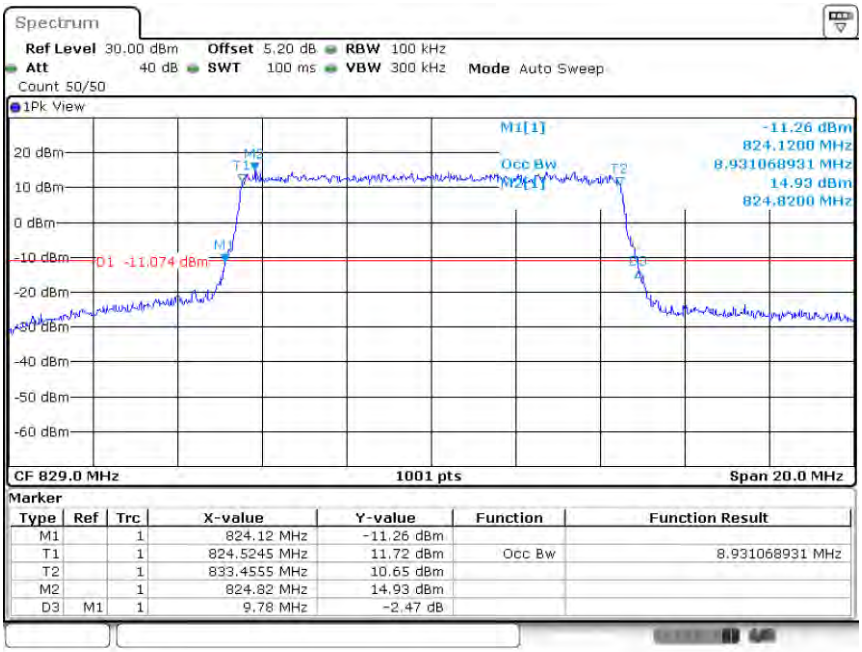
Band5-10MHz-16QAM-20450-50RB#0-8.931

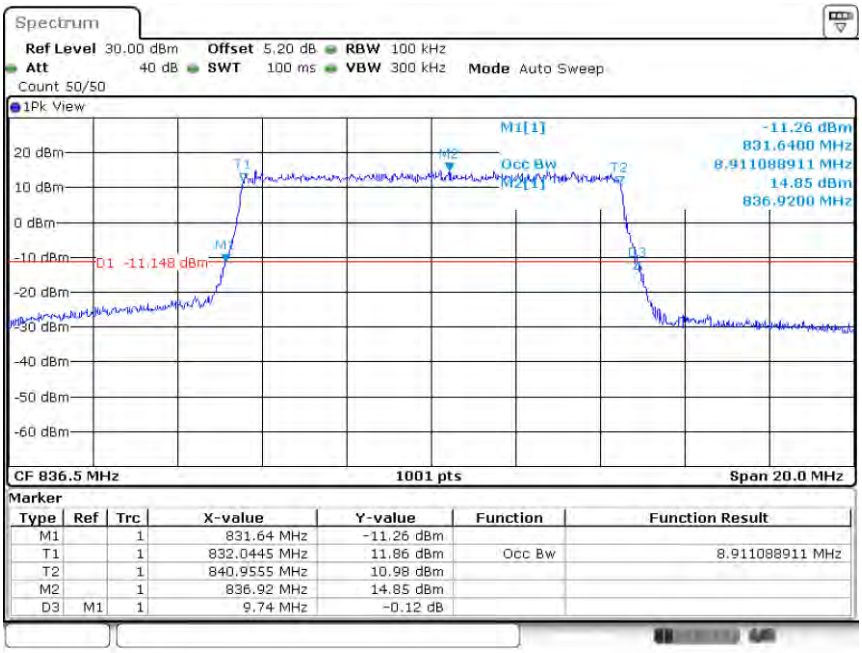


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.12 MHz	-11.26 dBm		
T1		1	824.5245 MHz	11.72 dBm	Occ Bw	8.931068931 MHz
T2		1	833.4555 MHz	10.65 dBm		
M2		1	824.82 MHz	14.93 dBm		
D3	M1	1	9.78 MHz	-2.47 dB		

Date: 20.DEC.2020 10:03:05

Band5-10MHz-16QAM-20525-50RB#0-8.911



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	831.64 MHz	-11.26 dBm		
T1		1	832.0445 MHz	11.86 dBm	Occ Bw	8.911088911 MHz
T2		1	840.9555 MHz	10.98 dBm		
M2		1	836.92 MHz	14.85 dBm		
D3	M1	1	9.74 MHz	-0.12 dB		

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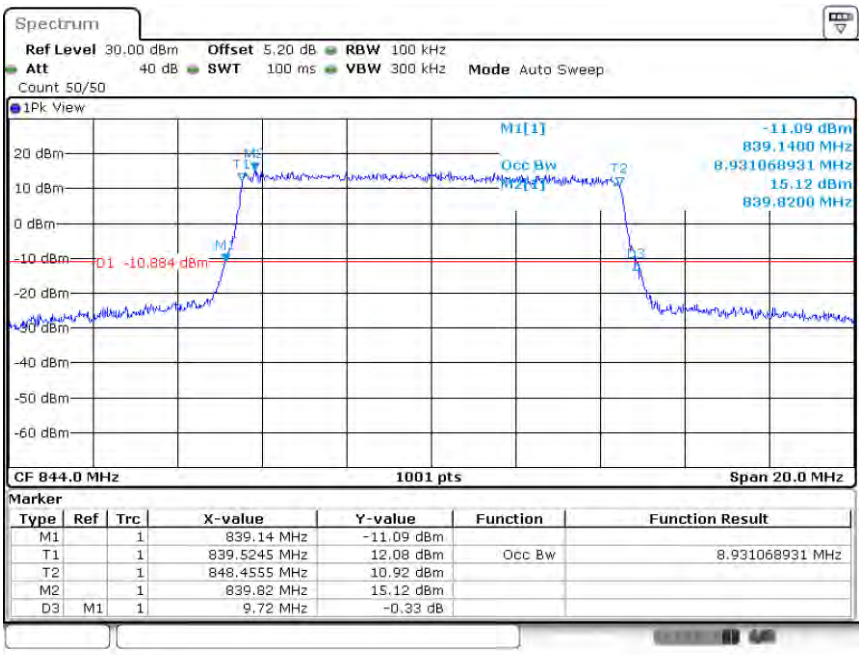
Band5-10MHz-16QAM-20600-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	839.14 MHz	-11.09 dBm		
T1		1	839.5245 MHz	12.08 dBm	Occ Bw	8.931068931 MHz
T2		1	848.4555 MHz	10.92 dBm		
M2		1	839.82 MHz	15.12 dBm		
D3	M1	1	9.72 MHz	-0.33 dB		

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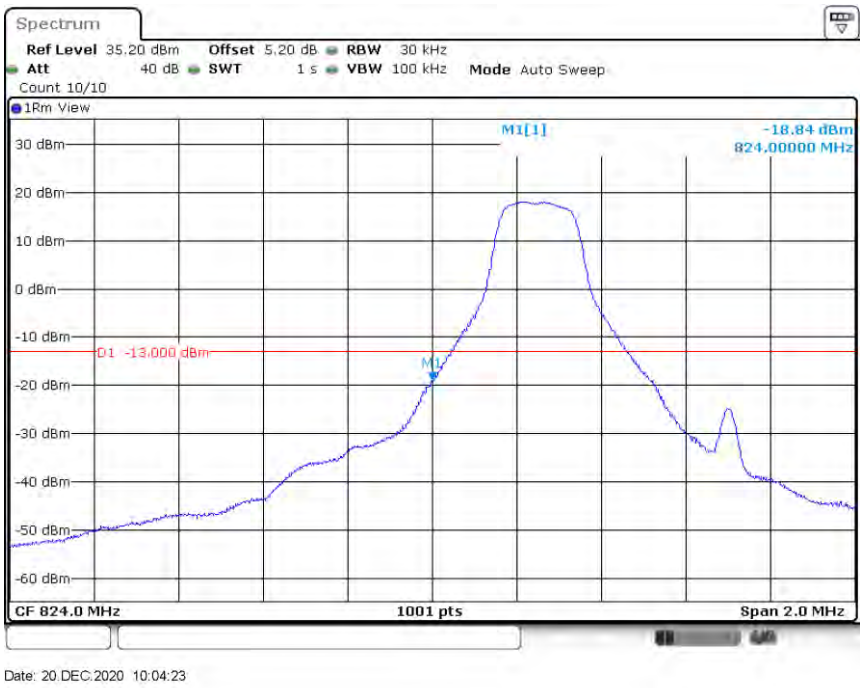
5. Band Edge Compliance

5.1. Test Plots

Band5-1.4MHz-QPSK-20407-1RB#0



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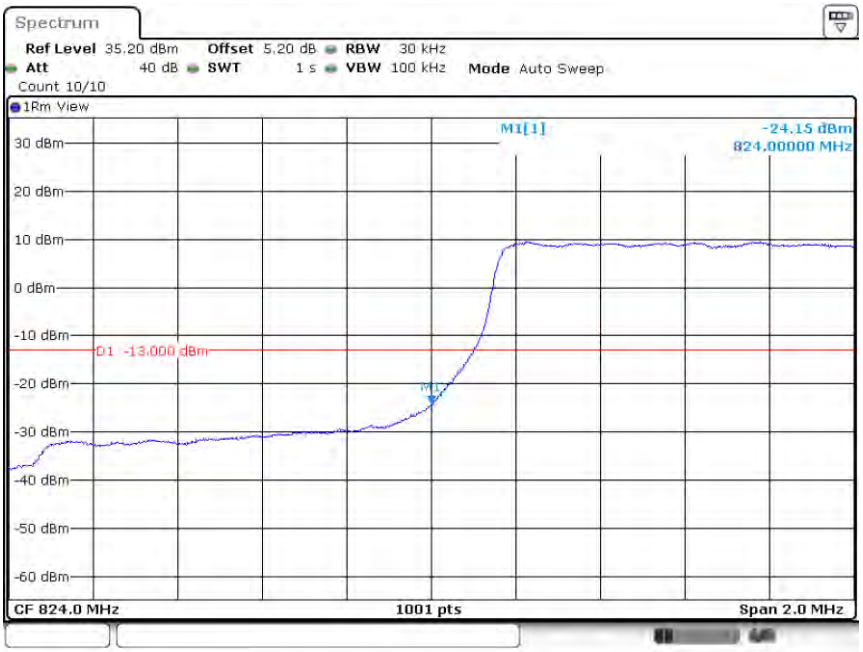
Band5-1.4MHz-QPSK-20407-6RB#0



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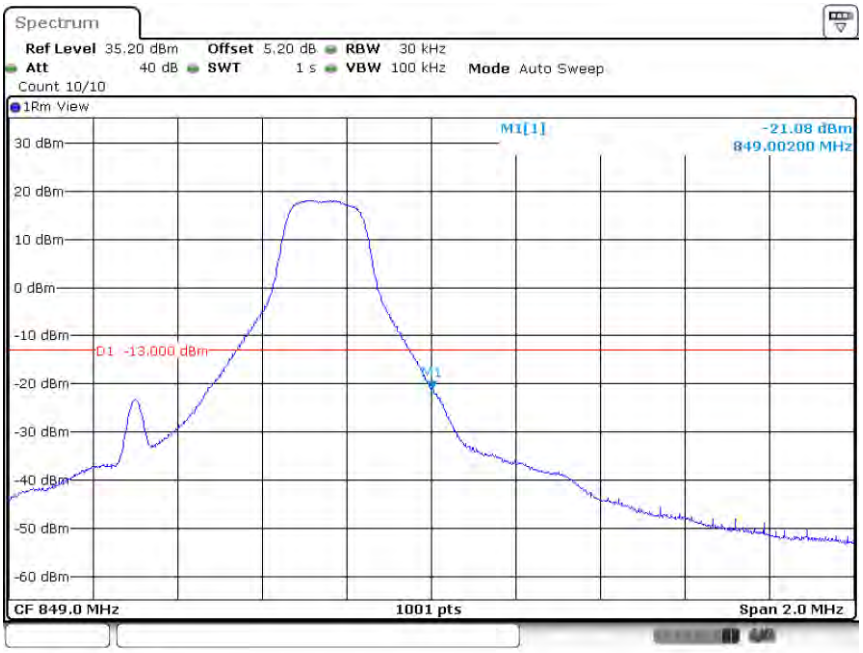
Band5-1.4MHz-QPSK-20643-1RB#5



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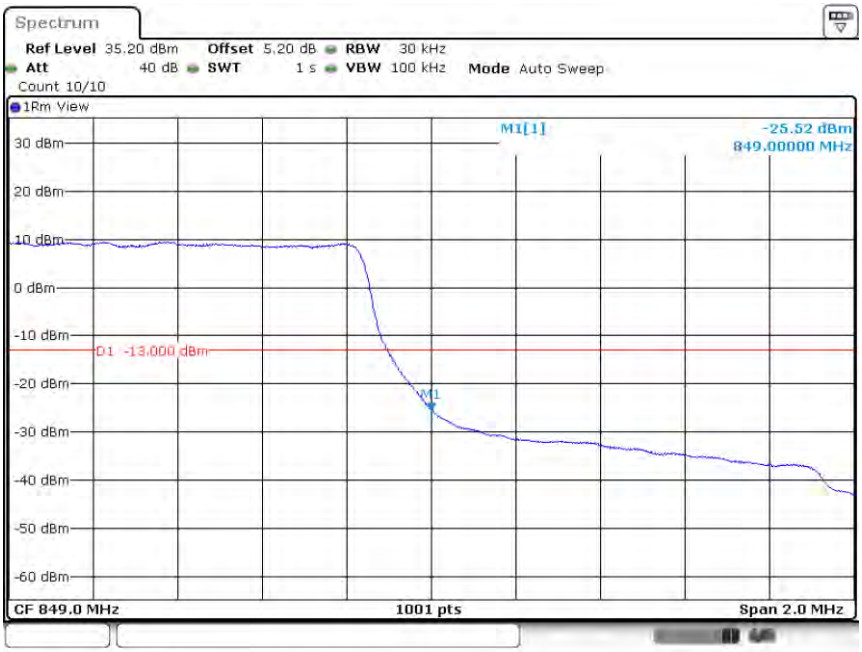
Band5-1.4MHz-QPSK-20643-6RB#0



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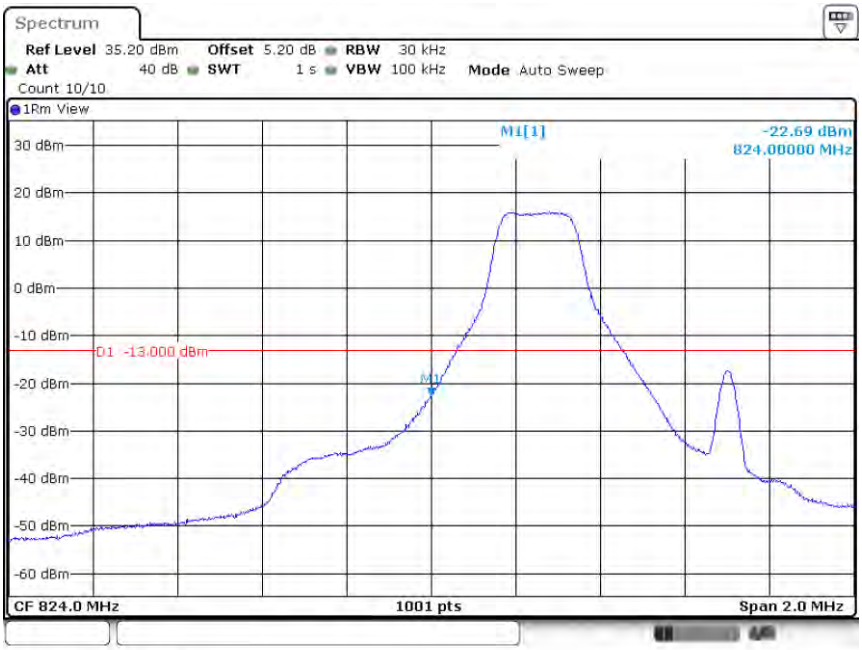
Band5-1.4MHz-64QAM-20407-1RB#0



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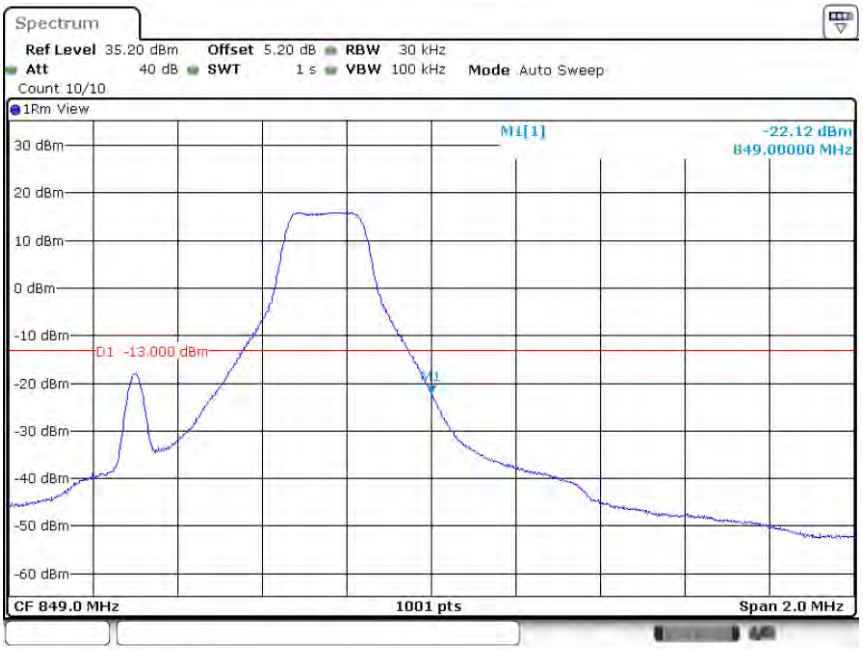
Band5-1.4MHz-64QAM-20407-6RB#0

Date: 23.DEC.2020 16:17:05

Band5-1.4MHz-64QAM-20643-1RB#5



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Date: 23.DEC.2020 16:17:51

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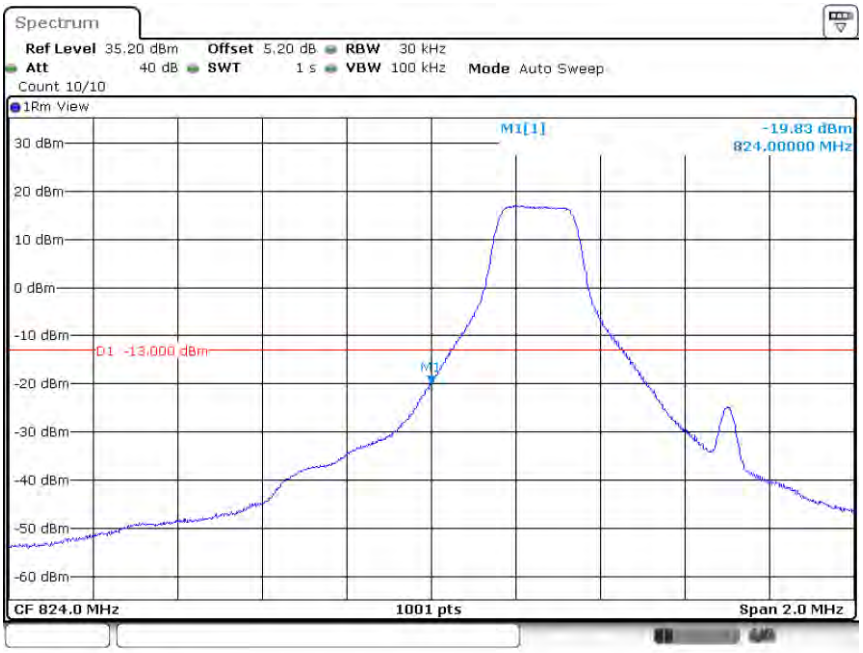

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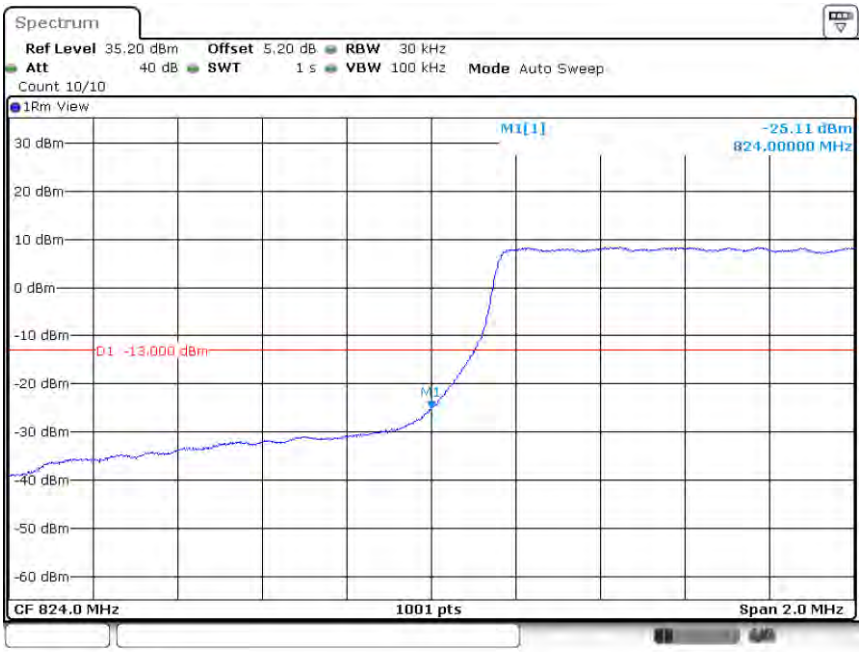

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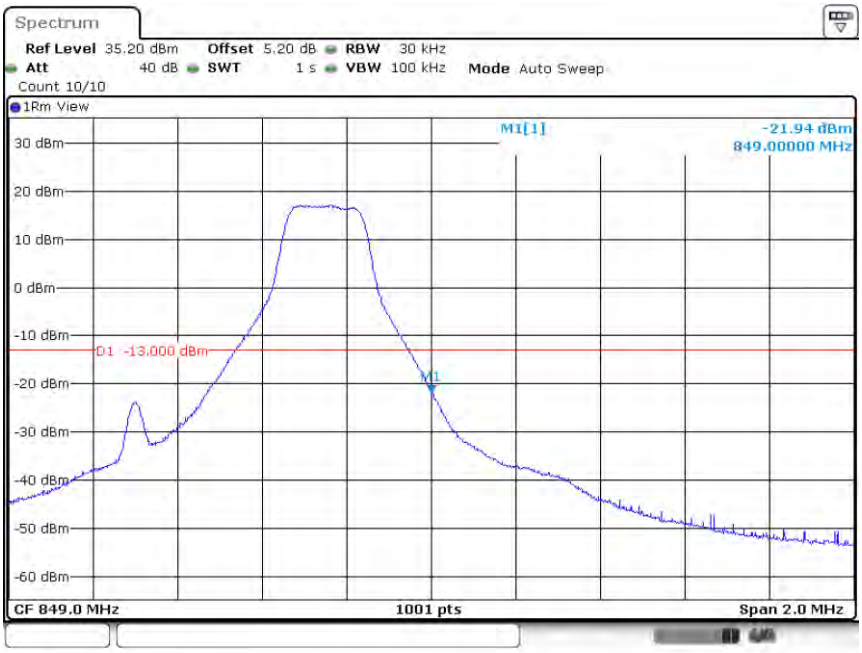

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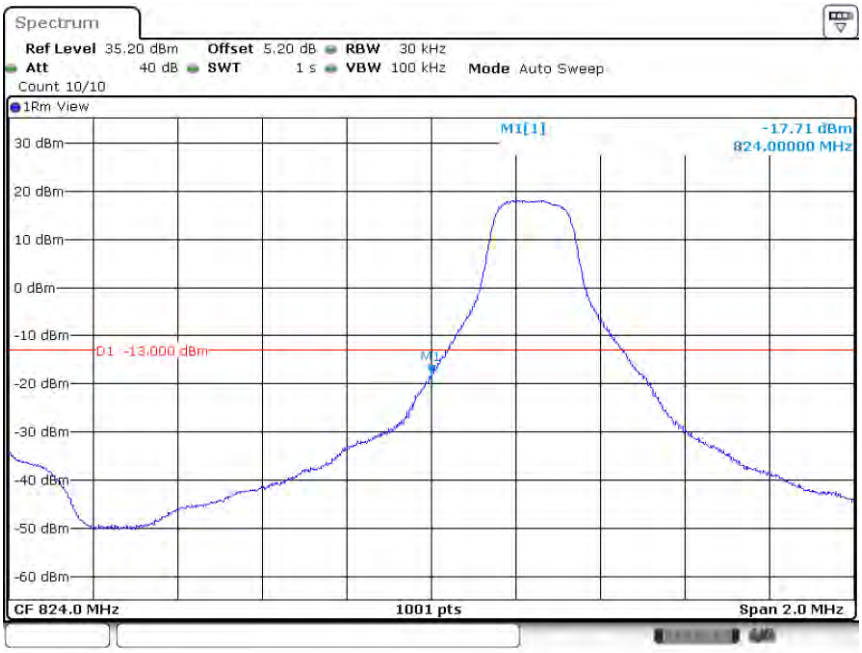
Band5-3MHz-QPSK-20415-1RB#0



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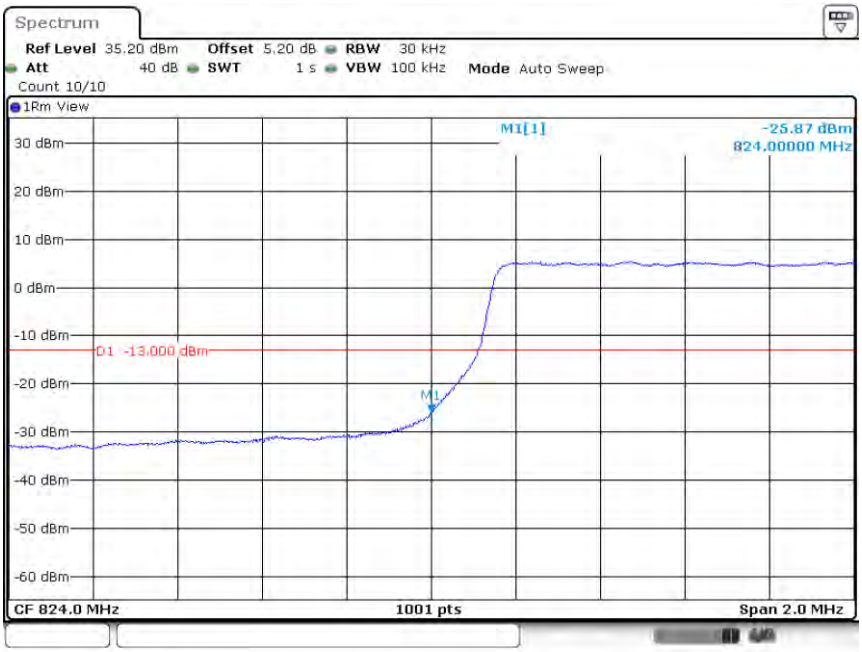
Band5-3MHz-QPSK-20415-15RB#0



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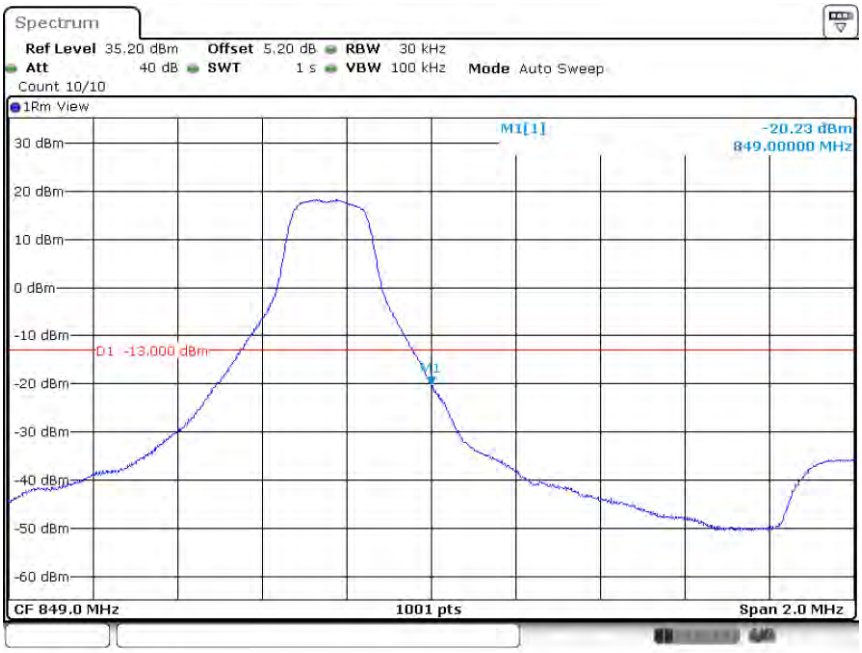

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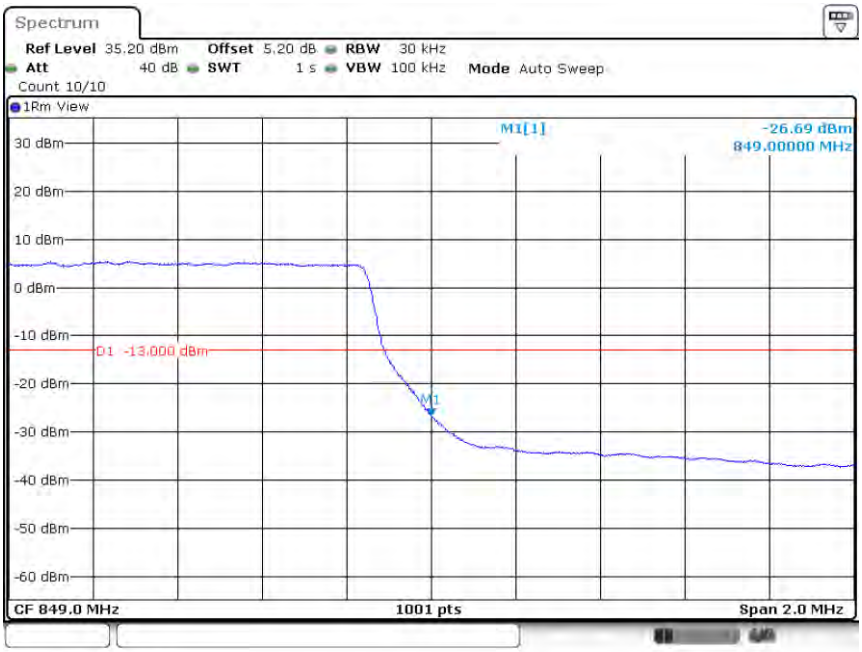
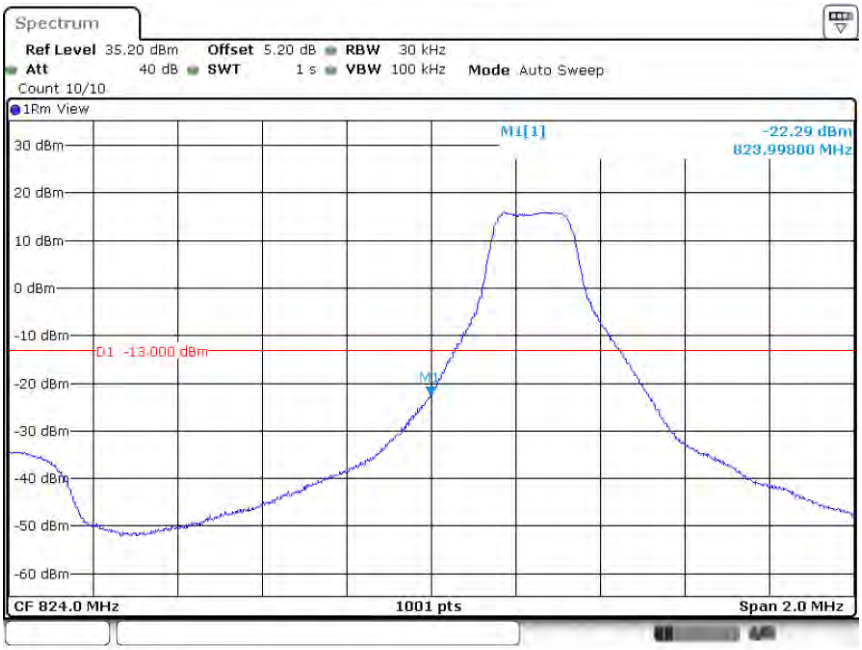
Band5-3MHz-QPSK-20635-15RB#0



Date: 20.DEC.2020 10:09:24

Band5-3MHz-64QAM-20415-1RB#0



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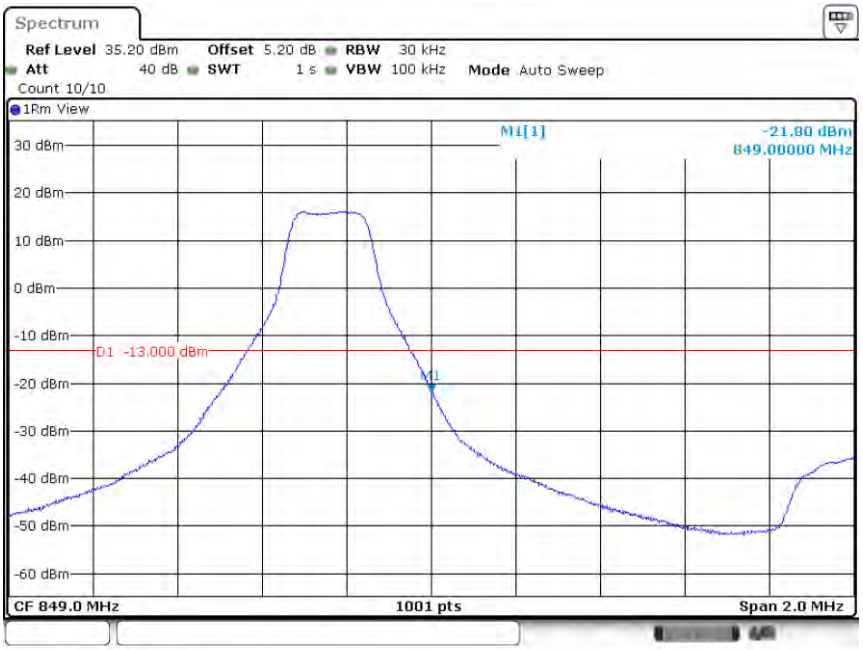
Band5-3MHz-64QAM-20415-15RB#0

Date: 23.DEC.2020 16:18:39

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



Date: 23.DEC.2020 16:19:05

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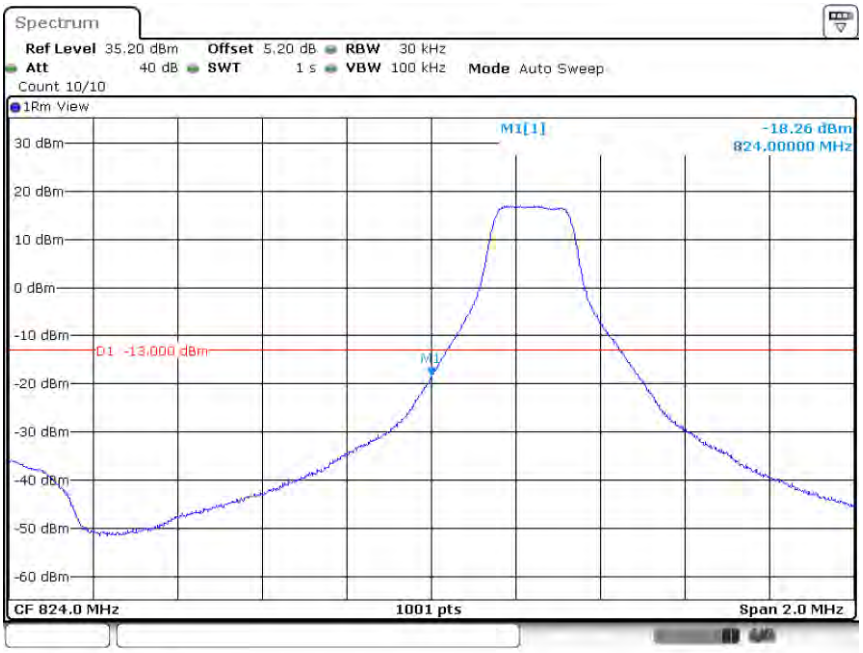
Band5-3MHz-64QAM-20635-15RB#0

Date: 23.DEC.2020 16:19:26

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



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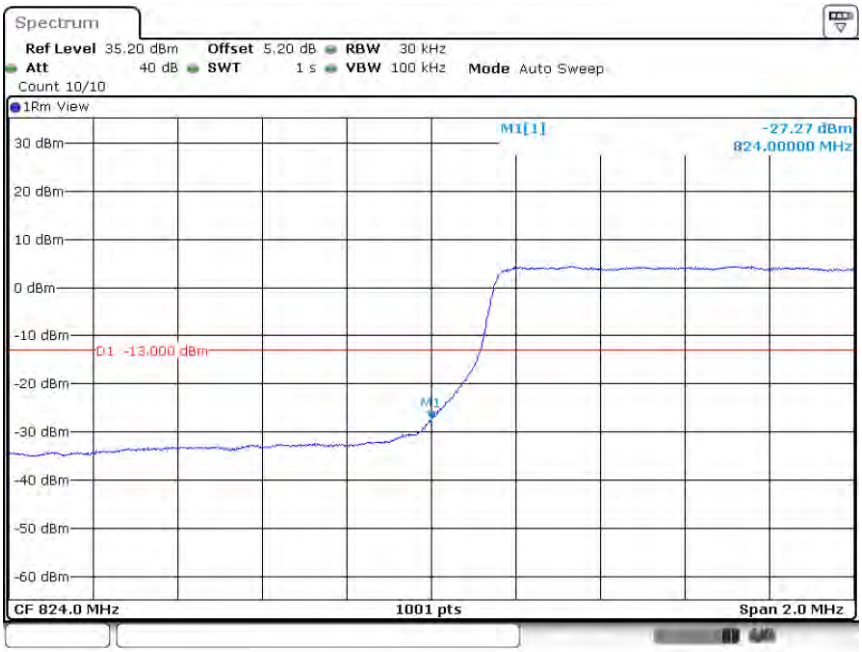
Band5-3MHz-16QAM-20415-15RB#0



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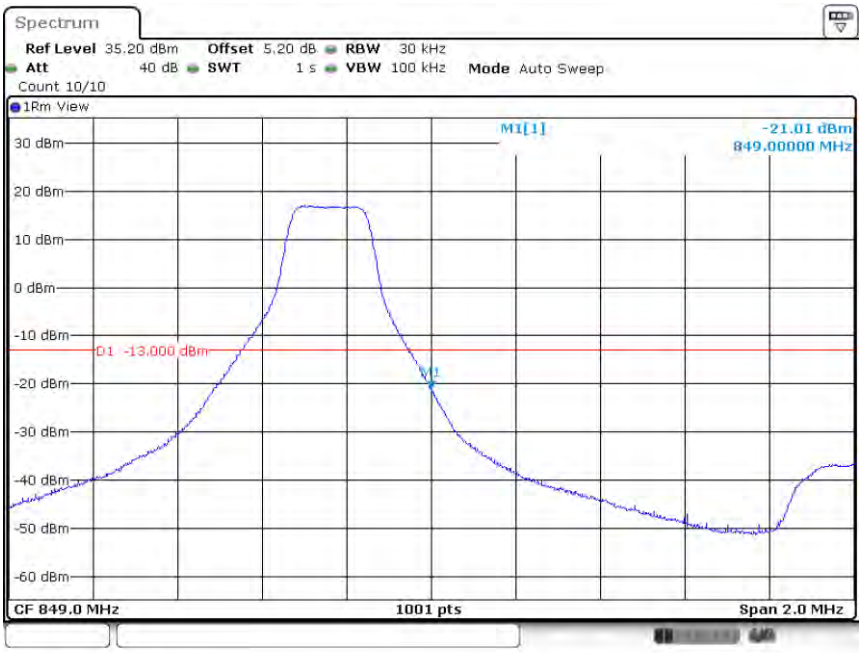
Band5-3MHz-16QAM-20635-1RB#14



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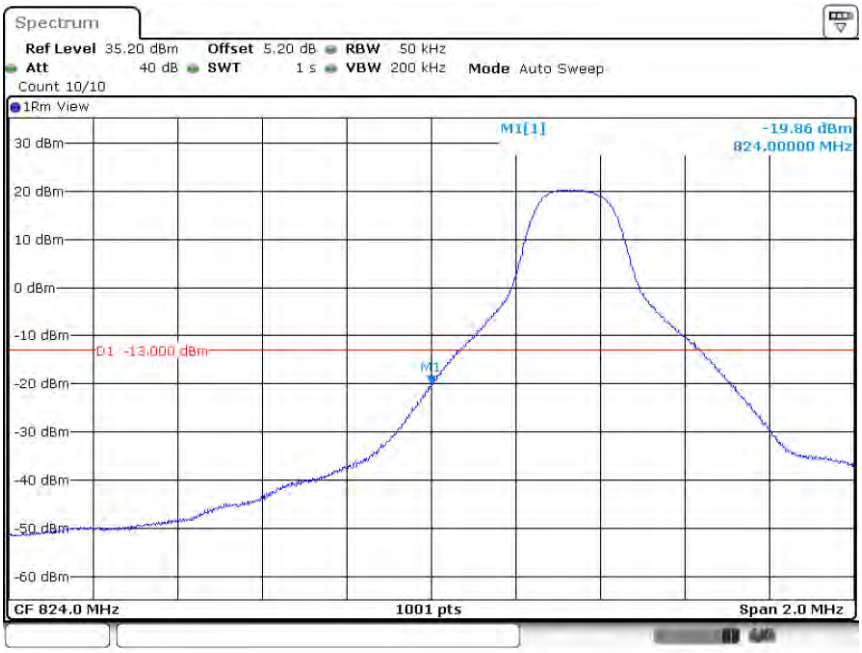
Band5-3MHz-16QAM-20635-15RB#0

Date: 20.DEC.2020 10:09:45

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



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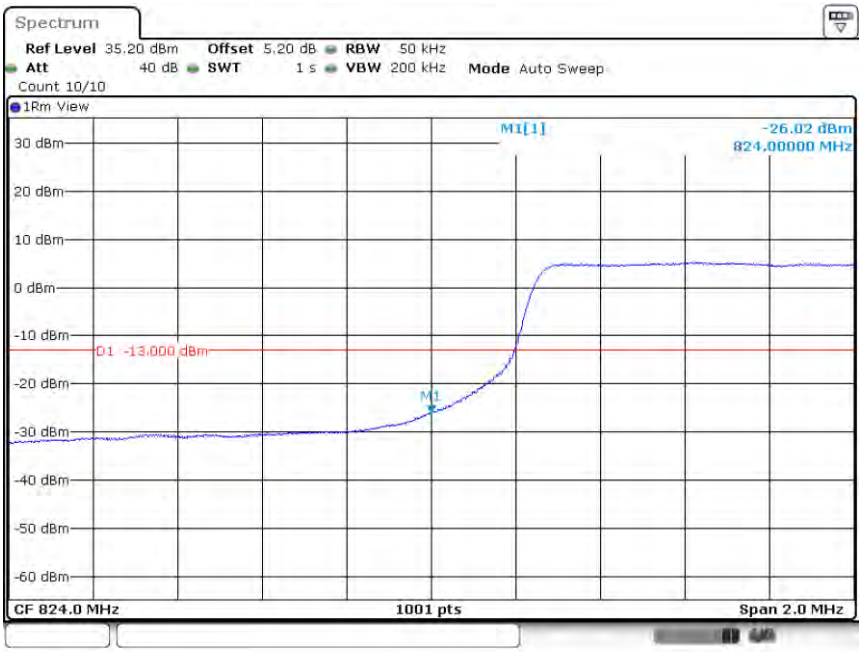

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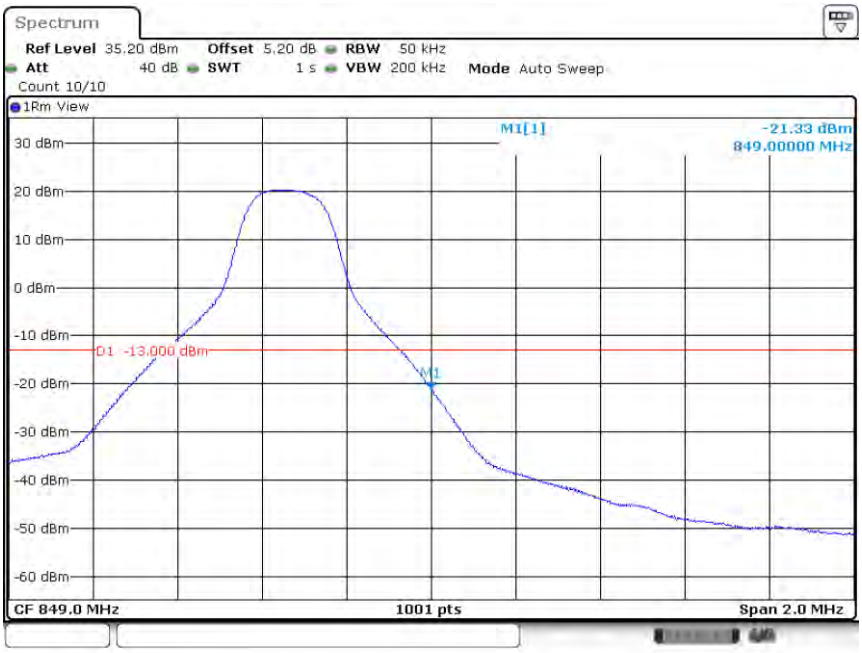
Band5-5MHz-QPSK-20625-1RB#24



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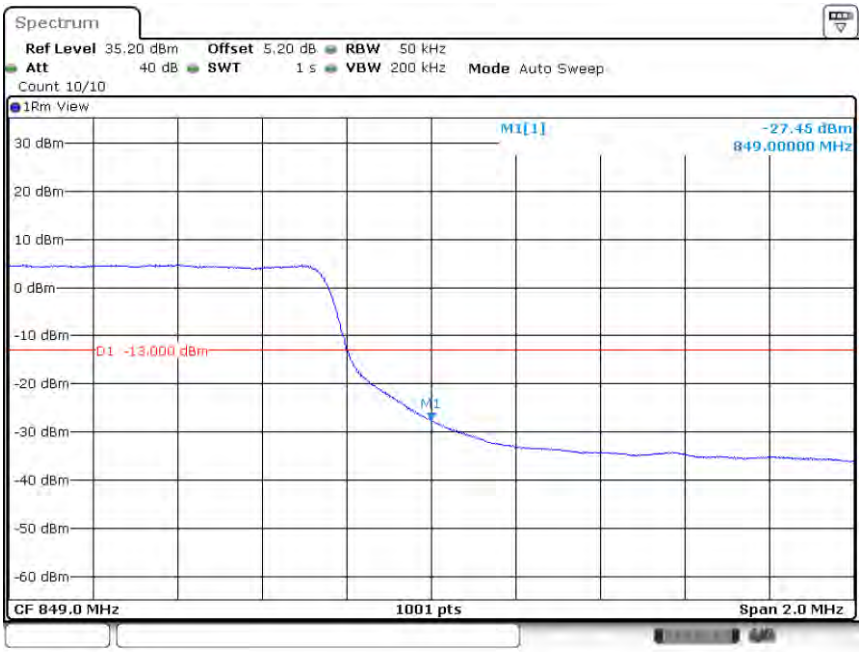

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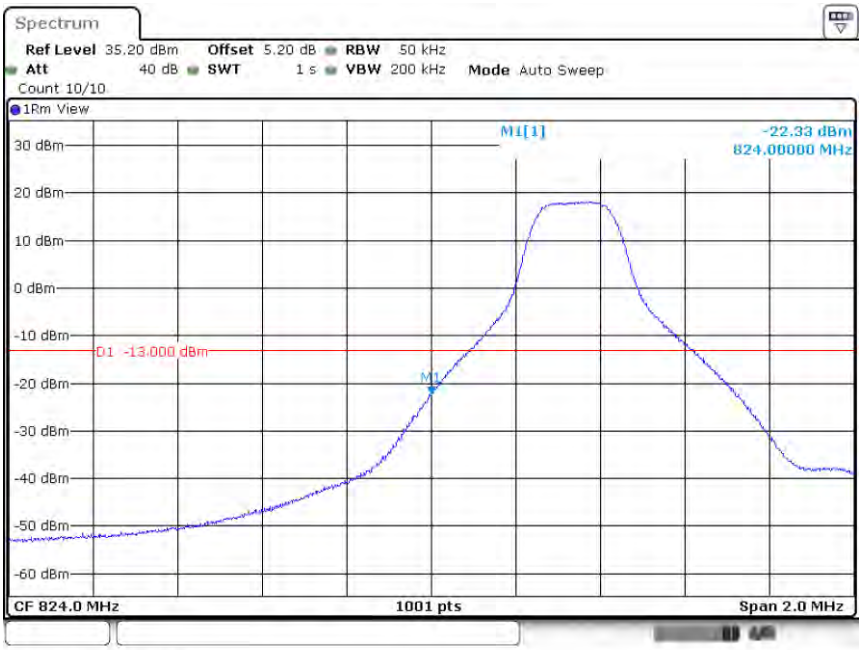
Band5-5MHz-64QAM-20425-1RB#0



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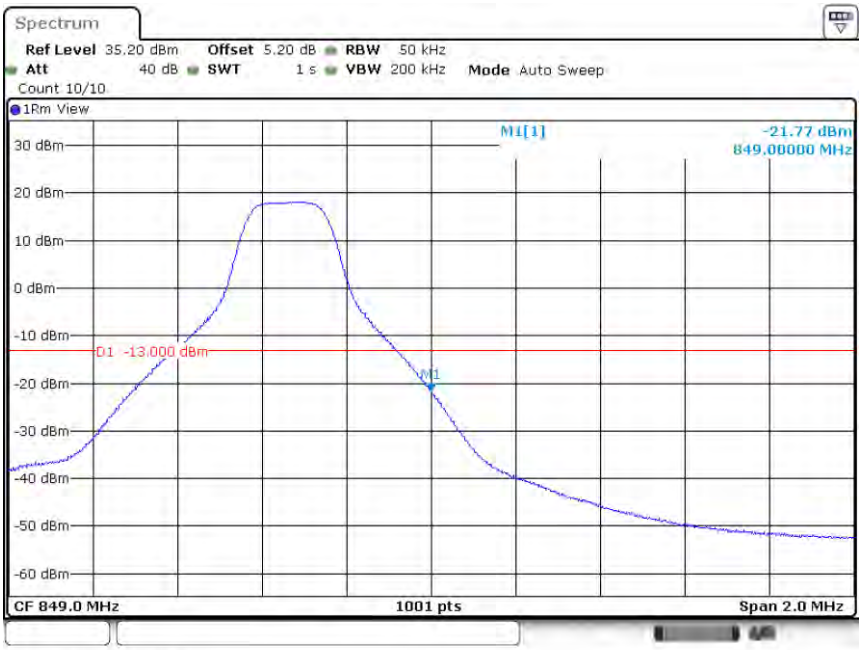
Date: 23.DEC.2020 16:20:19

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



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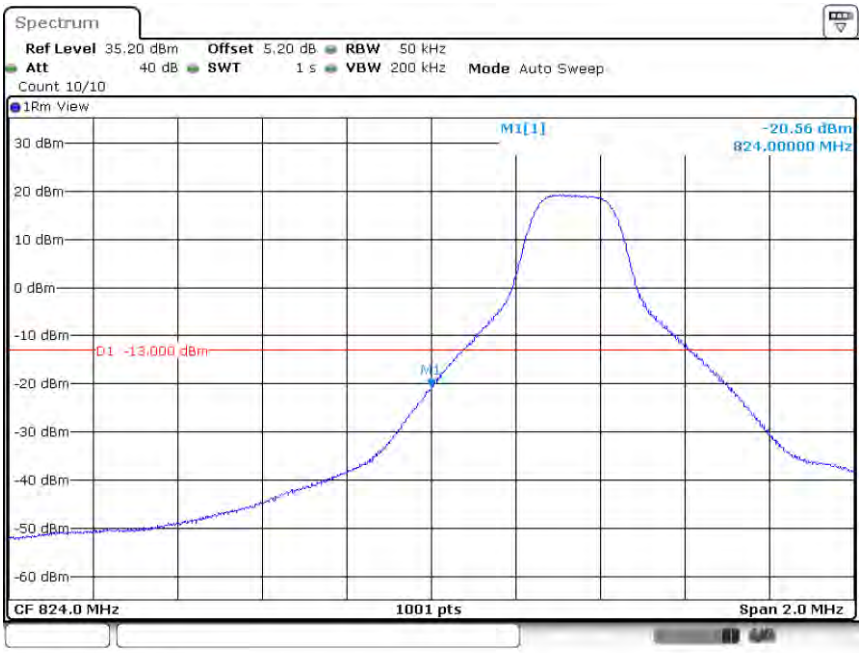
Date: 23.DEC.2020 16:21:05

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



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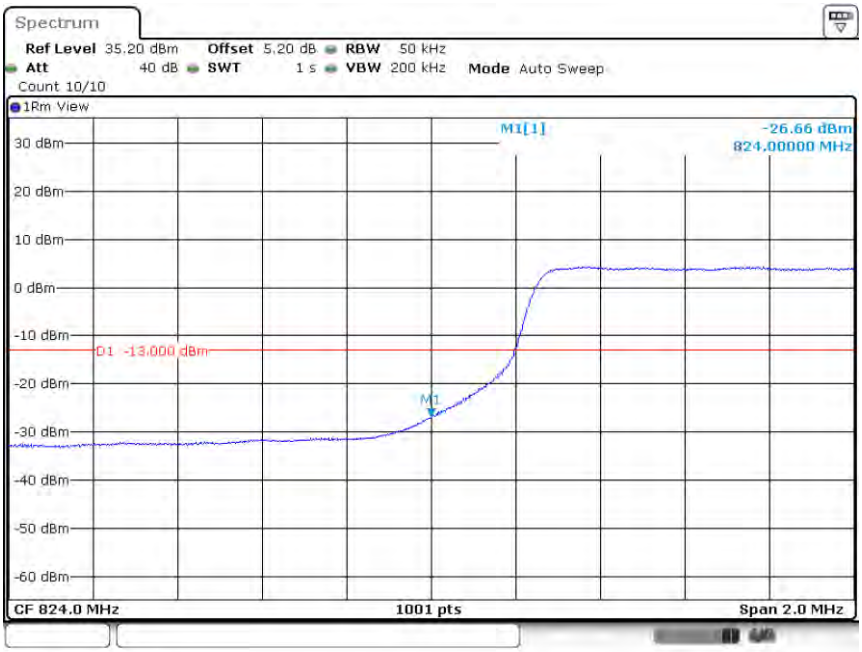

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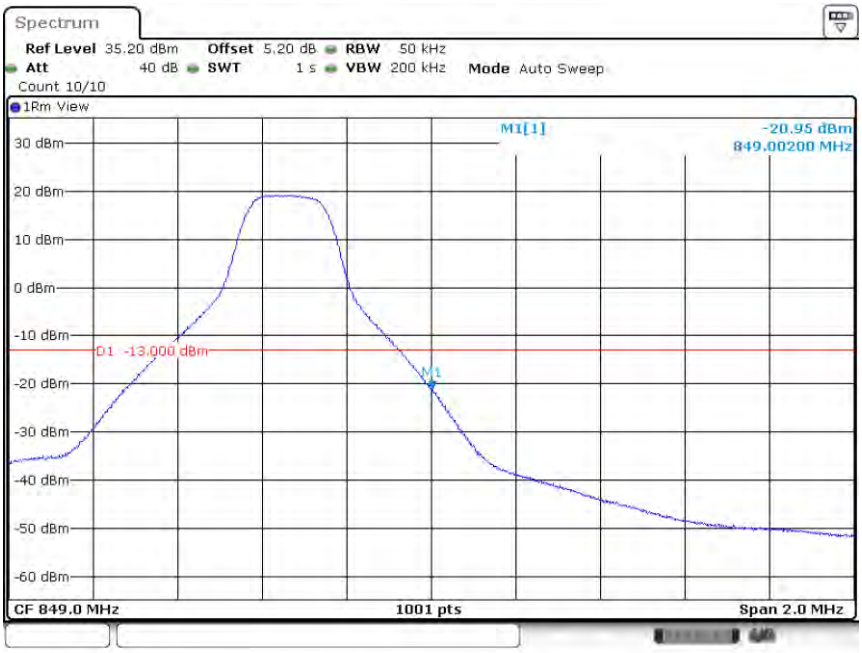
Band5-5MHz-16QAM-20625-1RB#24



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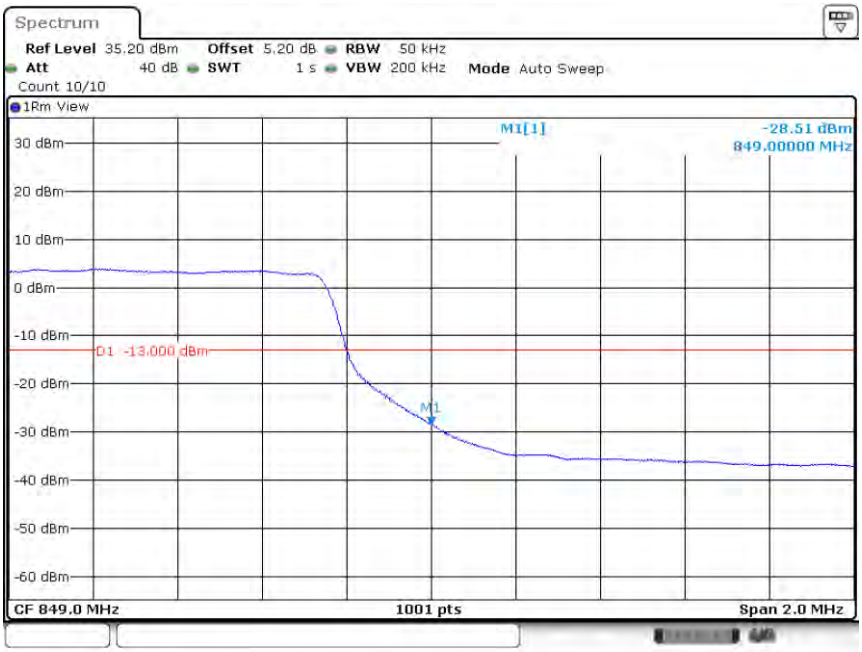

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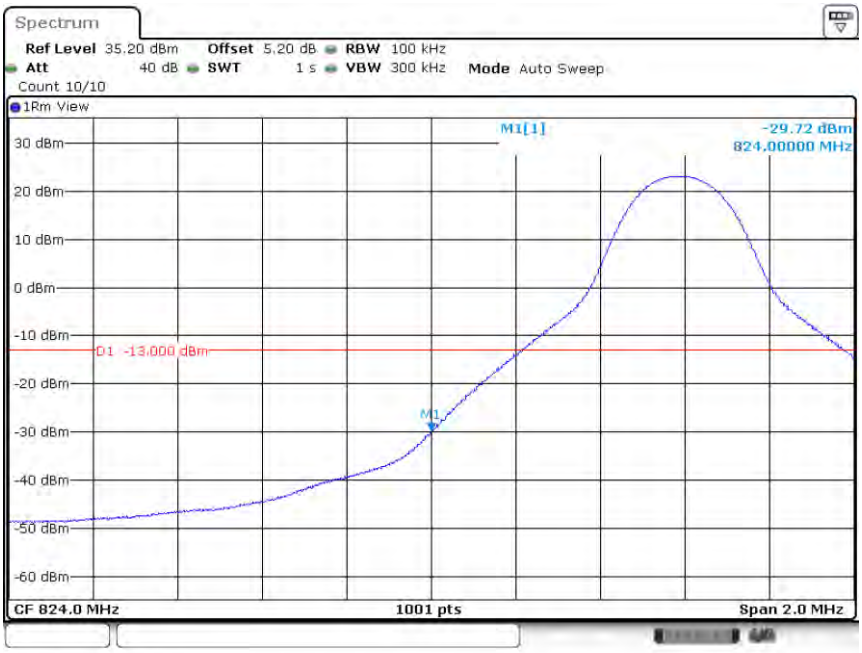
Band5-10MHz-QPSK-20450-1RB#0



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

Date: 20.DEC.2020 10:13:46

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

Date: 20.DEC.2020 10:14:32

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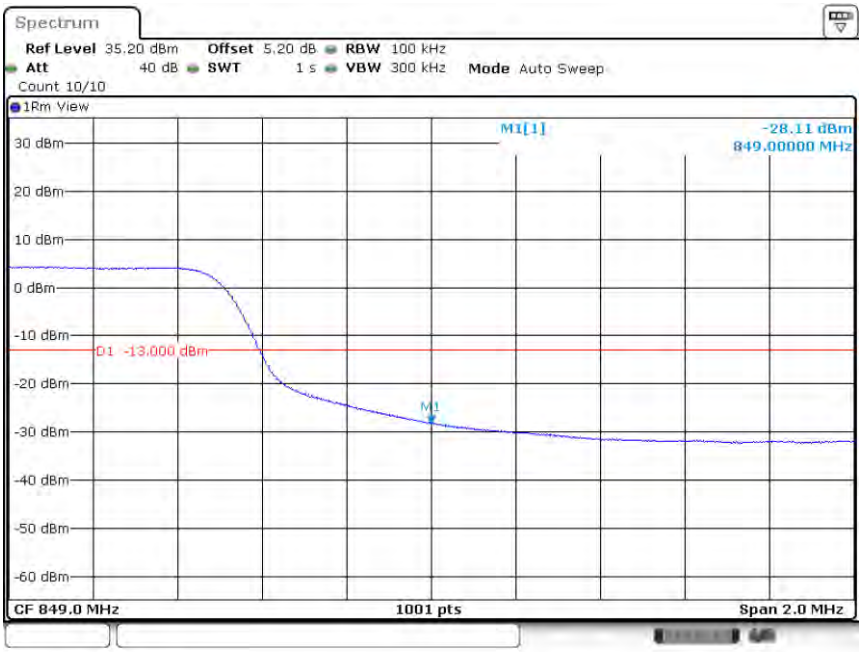
Band5-10MHz-QPSK-20600-50RB#0



Date: 20.DEC.2020 10:15:13

Band5-10MHz-64QAM-20450-1RB#0

Date: 23.DEC.2020 16:21:34

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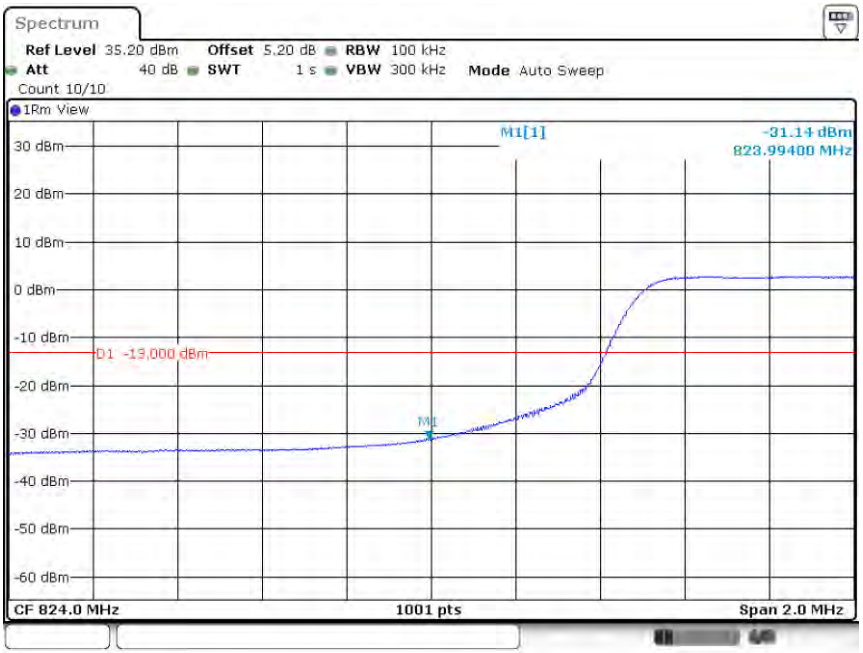
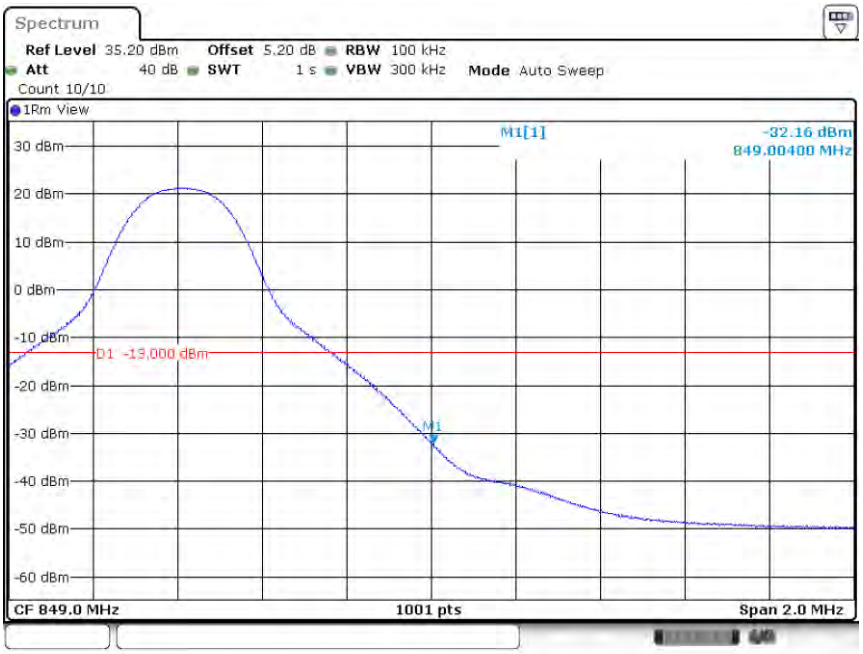
Band5-10MHz-64QAM-20450-50RB#0



Date: 23.DEC.2020 16:21:54

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



Date: 23.DEC.2020 16:22:20

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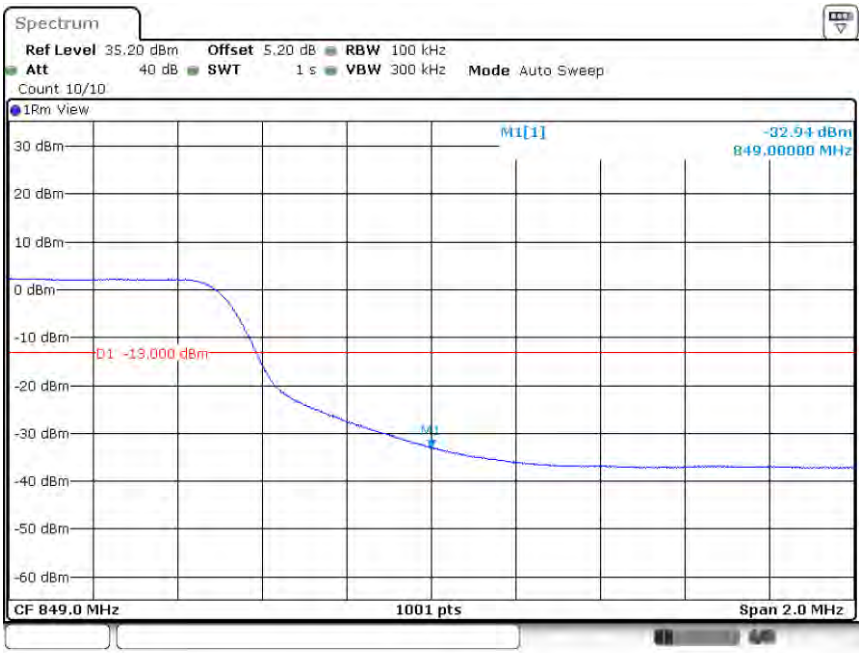
Band5-10MHz-64QAM-20600-50RB#0



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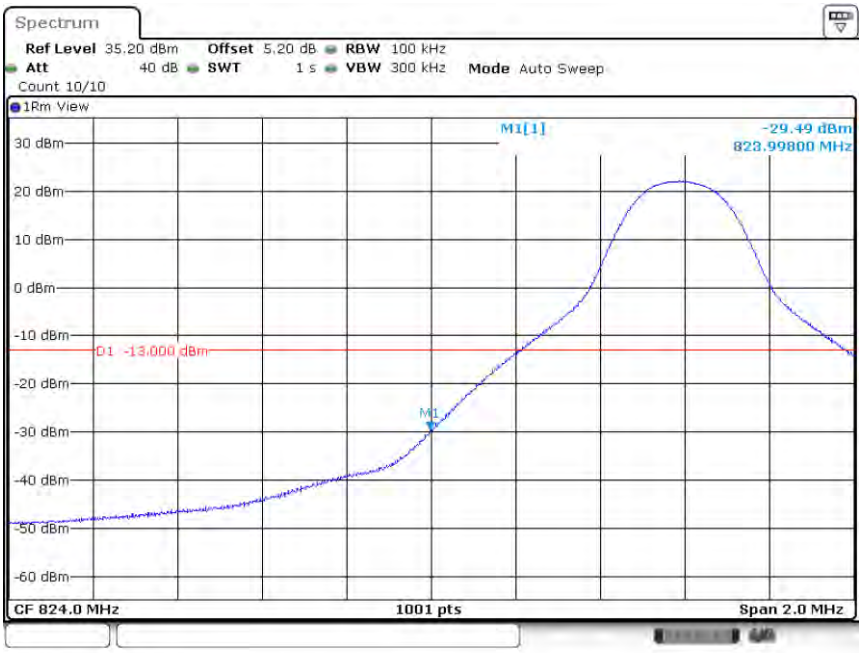
Band5-10MHz-16QAM-20450-1RB#0



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

Date: 20.DEC.2020 10:14:07

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

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

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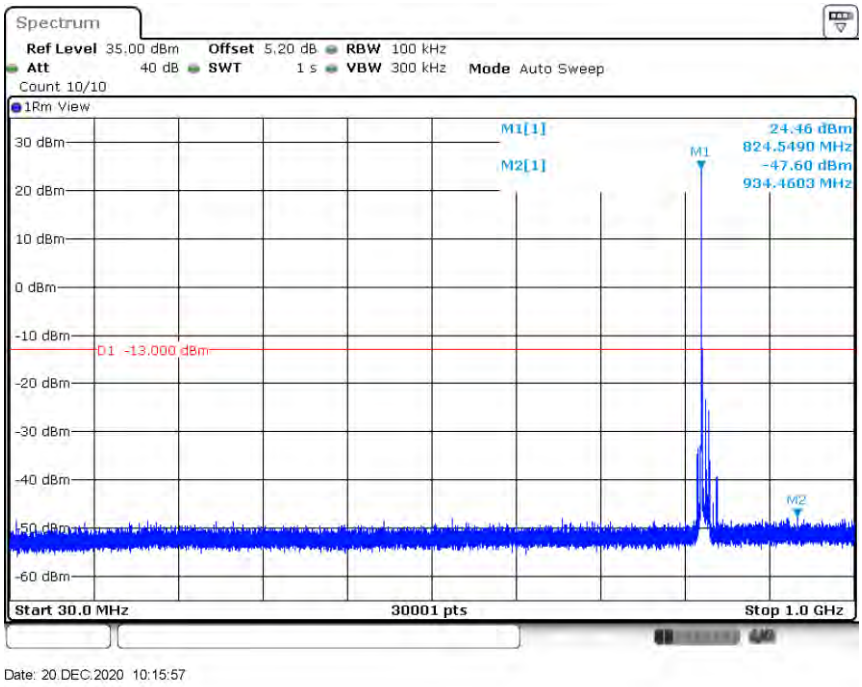
6. Spurious Emission at Antenna Terminal

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 * (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-Range1:30~1000MHz



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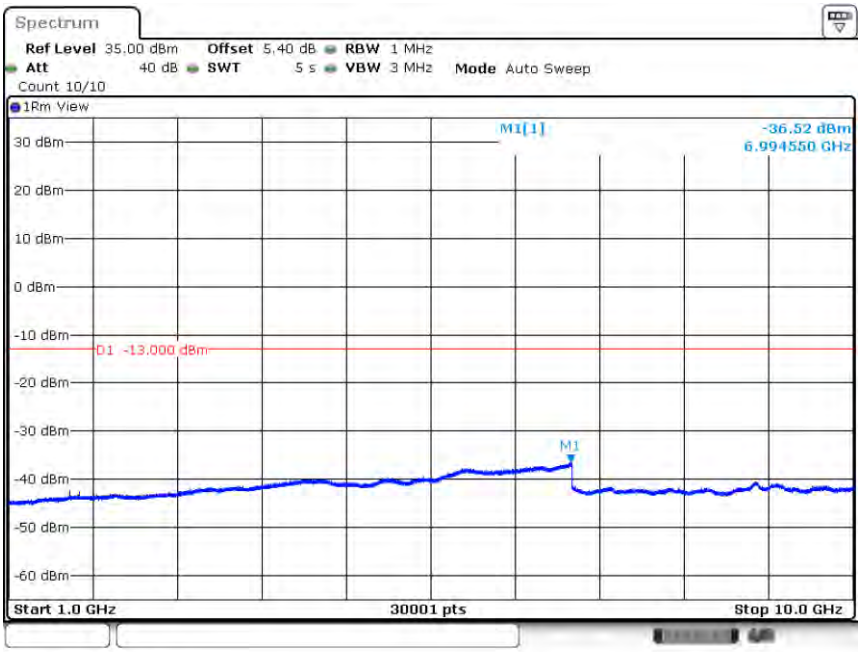
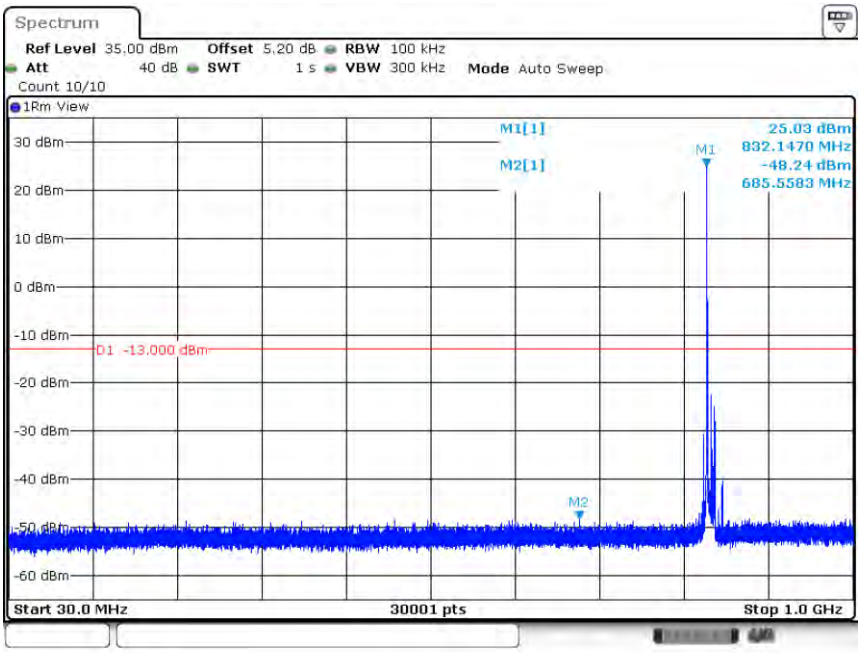
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 20.DEC.2020 10:17:04

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



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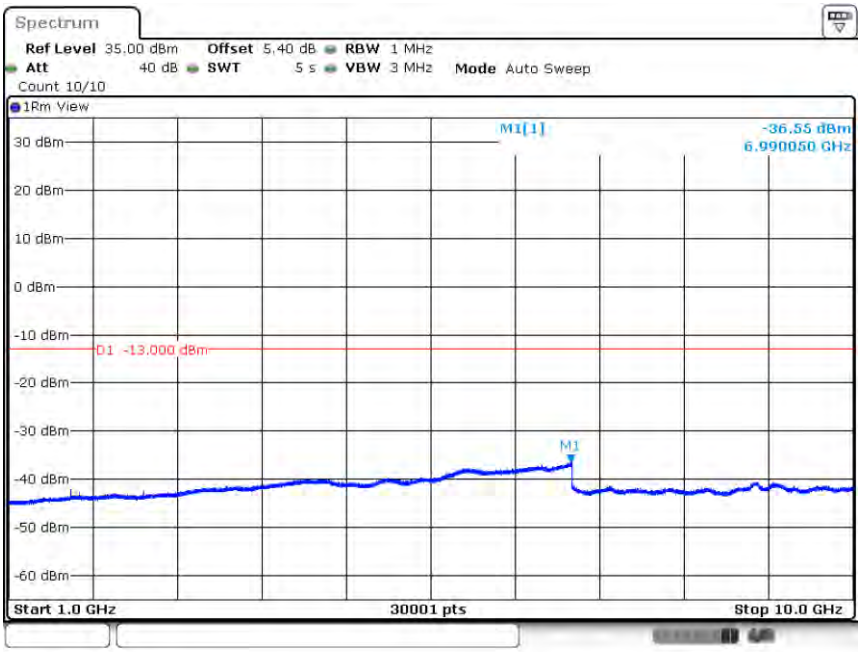
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 20.DEC.2020 10:19:58

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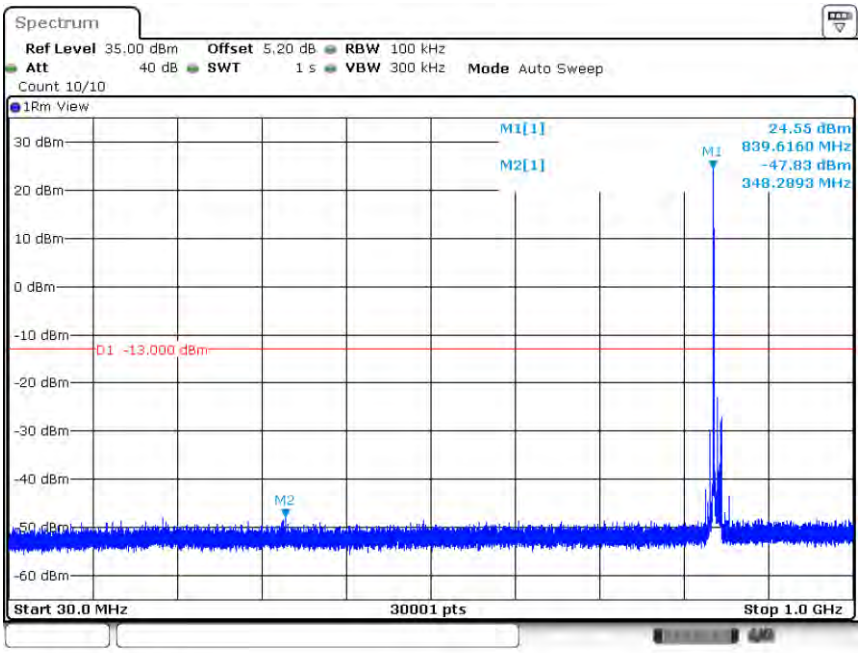

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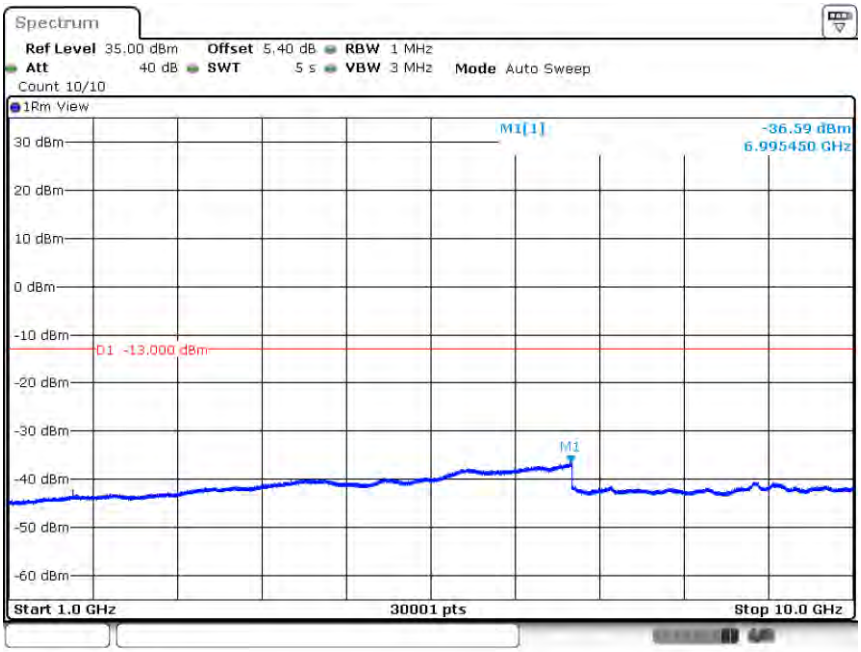
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



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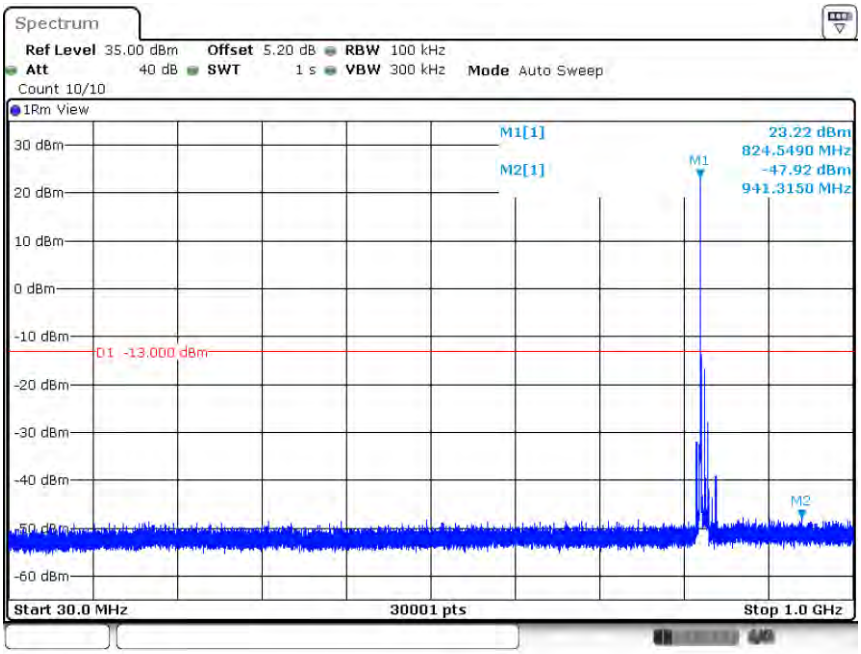
Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



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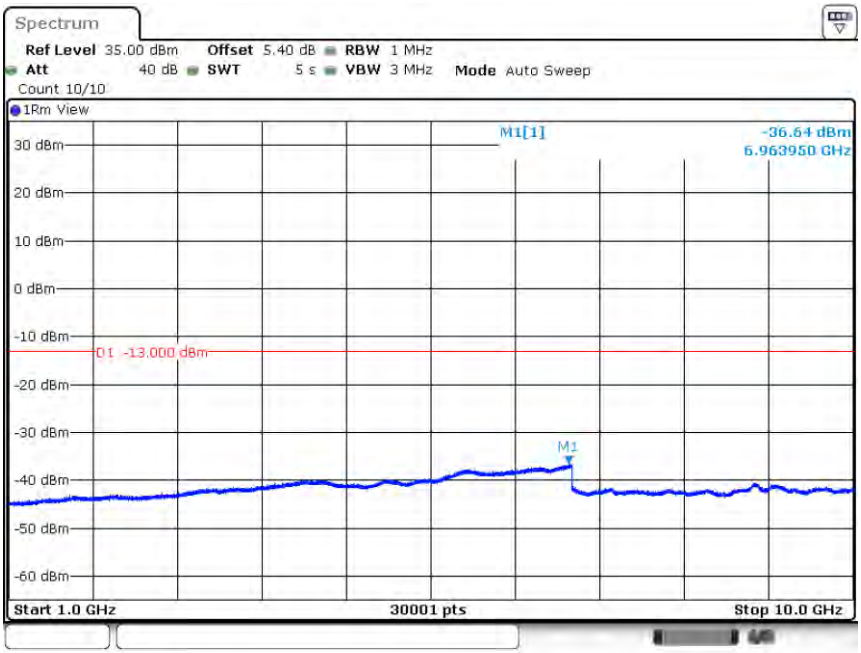
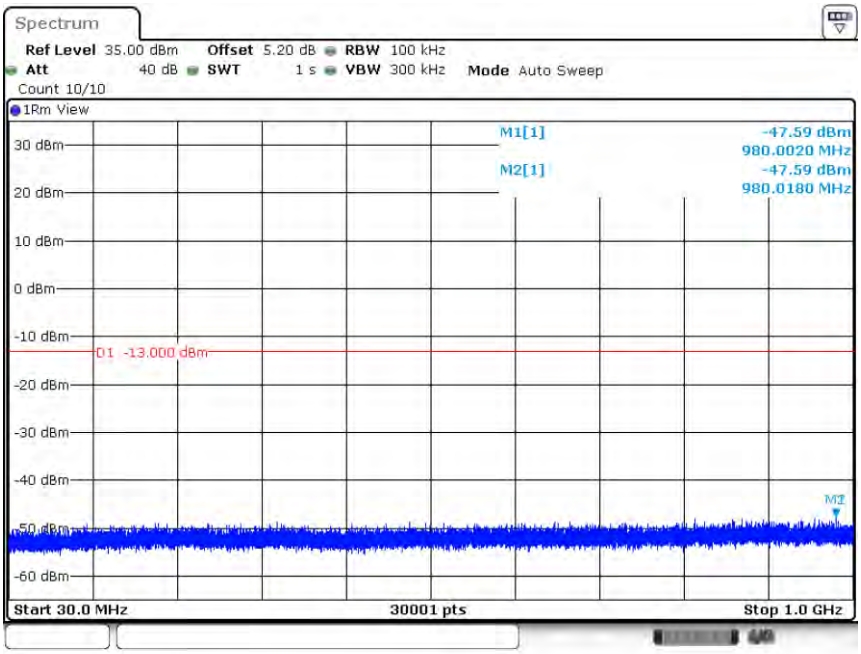
Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 23.DEC.2020 16:24:15

Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



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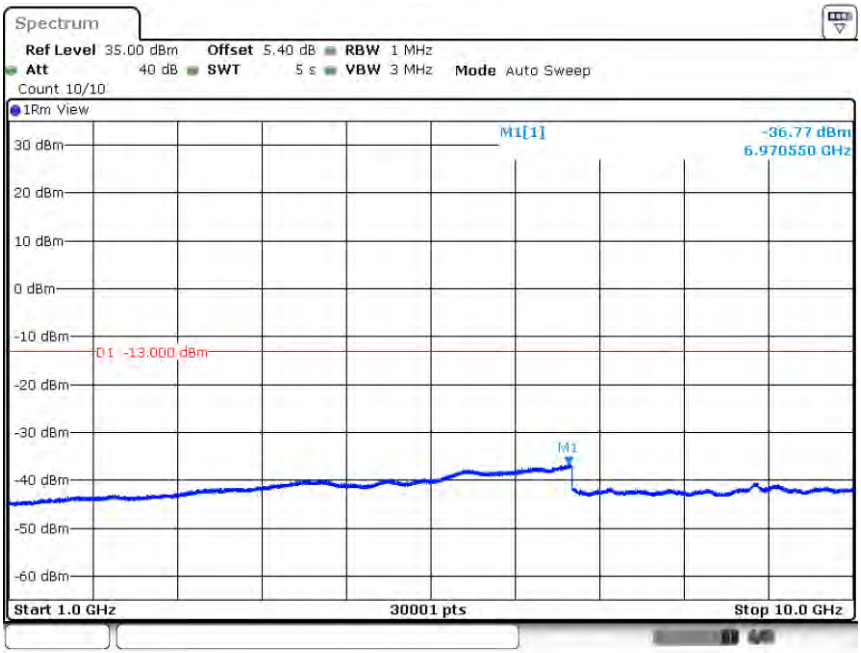
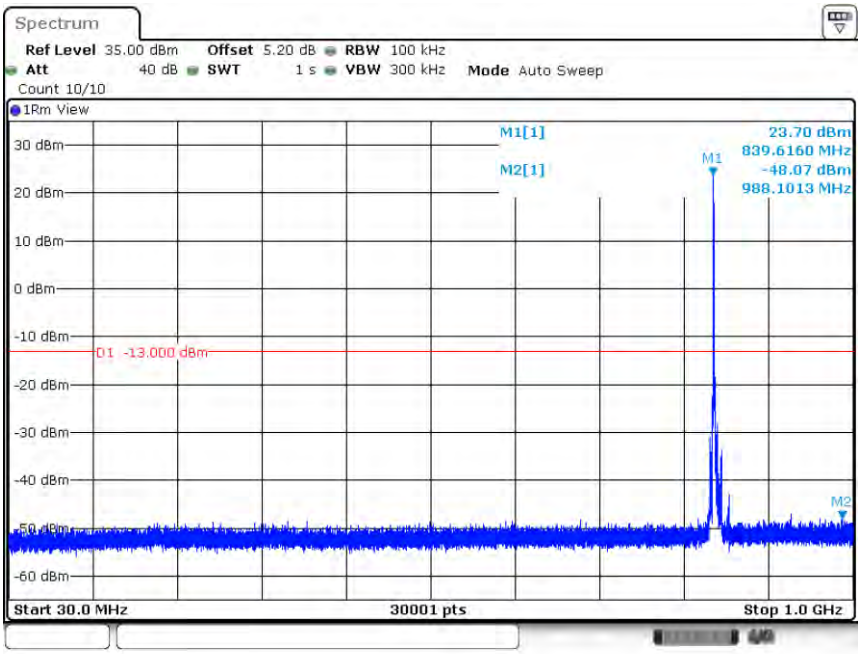
Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 23.DEC.2020 16:25:42

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



Date: 23.DEC.2020 16:26:41

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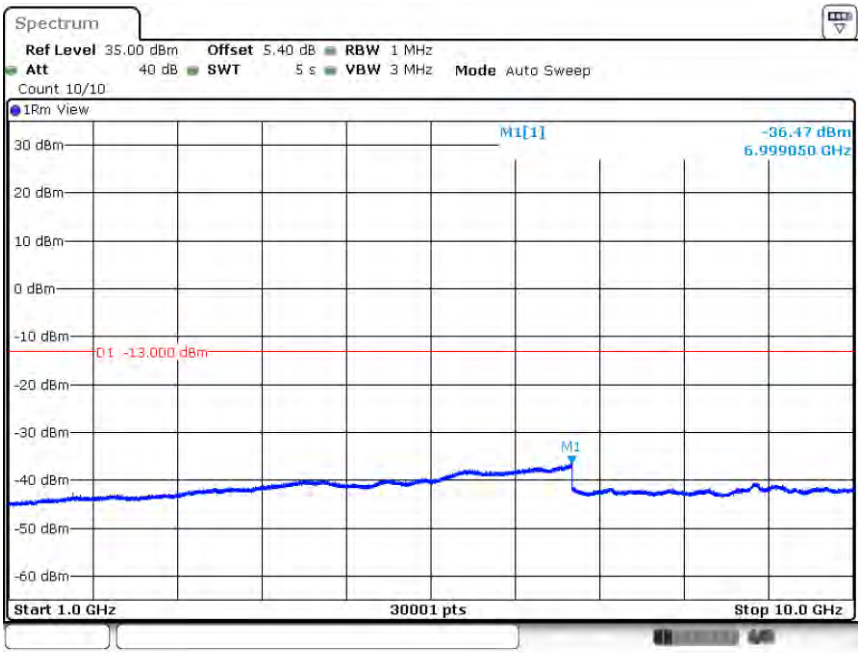
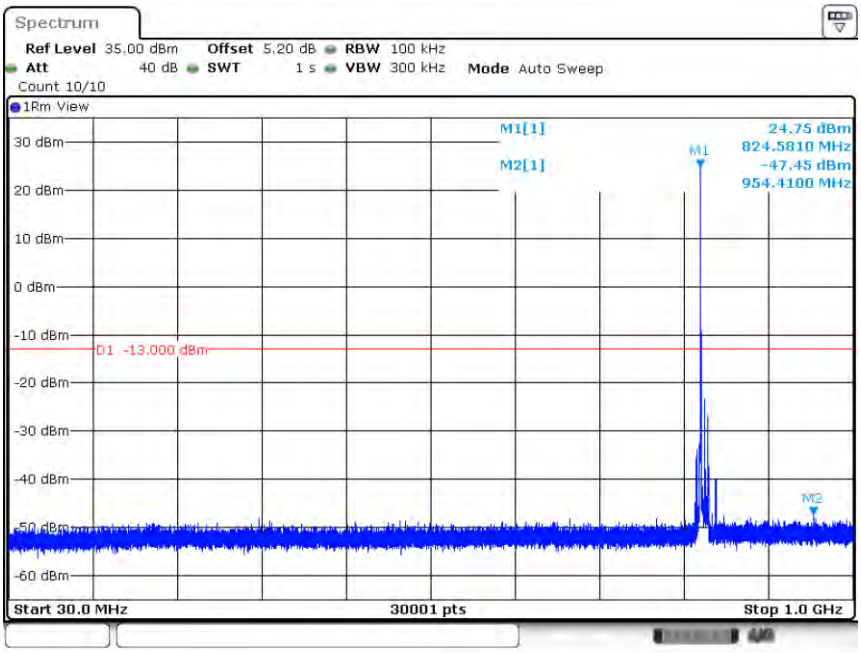
Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 23.DEC.2020 16:27:48

Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 20.DEC.2020 10:17:24

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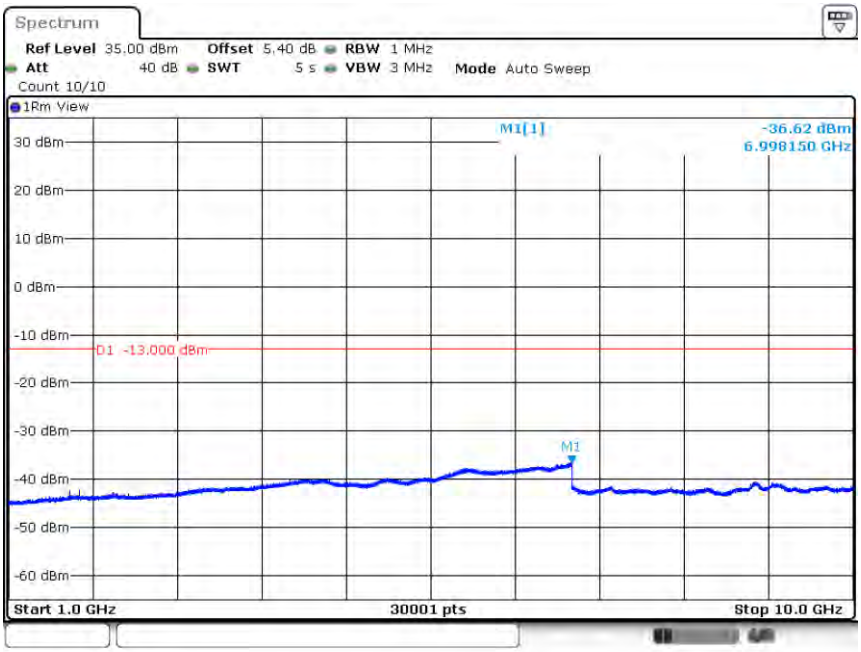
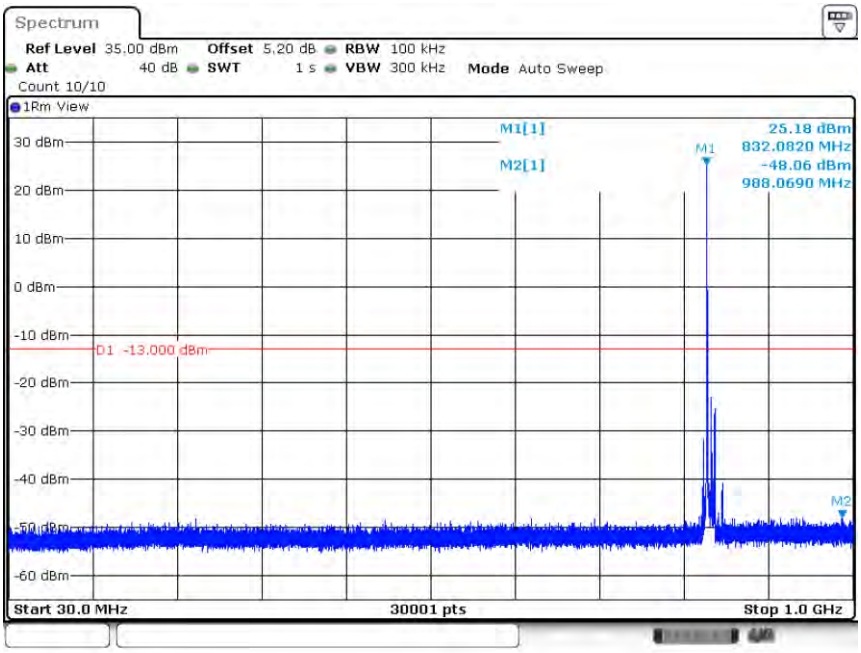
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 20.DEC.2020 10:18:31

Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 20.DEC.2020 10:20:18

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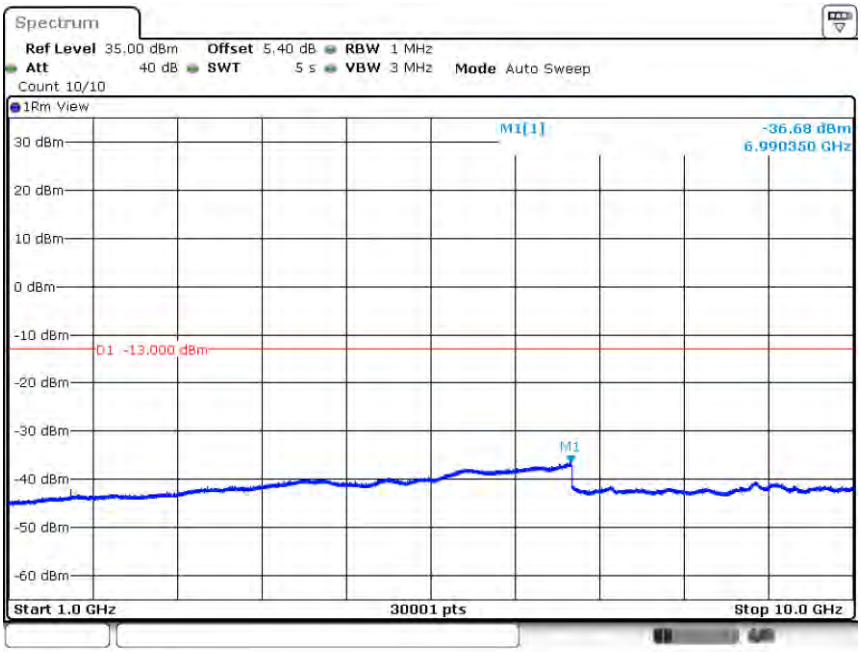
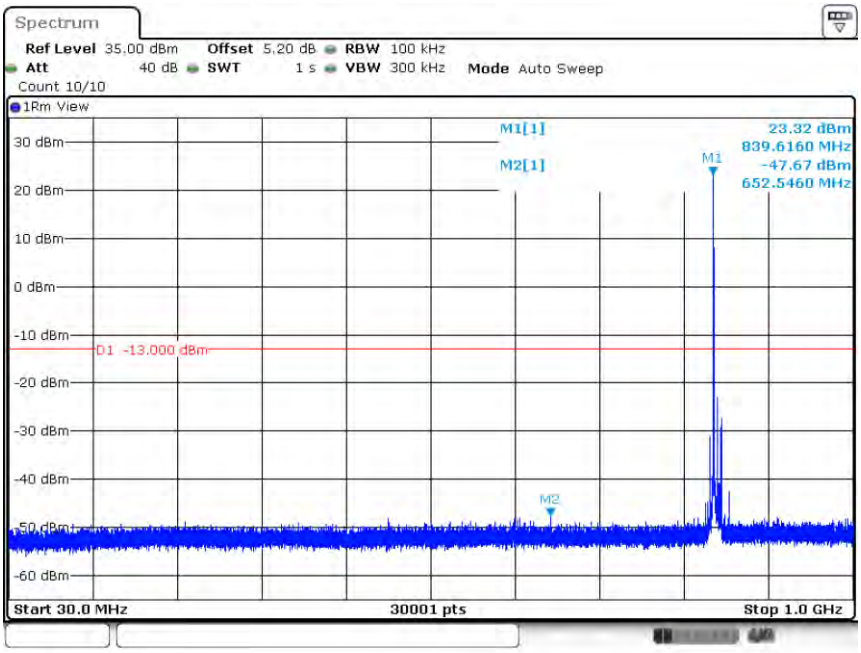
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 20.DEC.2020 10:21:25

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



Date: 20.DEC.2020 10:23:12

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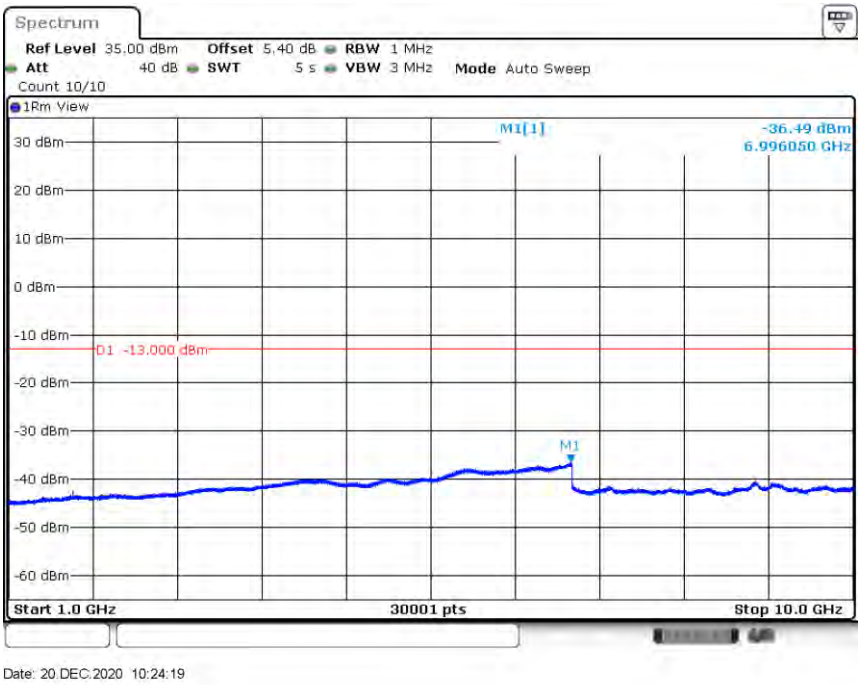

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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_5 _TM1 MAIN

7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.4095	-61.33	-13.00	48.33	Horizontal
2	82.7221	-72.16	-13.00	59.16	Horizontal
3	229.5390	-64.48	-13.00	51.48	Horizontal
4	1648.9298	-58.88	-13.00	45.88	Horizontal
5	2473.8948	-36.30	-13.00	23.30	Horizontal
6	9552.9184	-53.25	-13.00	40.25	Horizontal

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7.2. Test Band = LTE_5 _TM1 MAIN

7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7760	-72.63	-13.00	59.63	Vertical
2	115.2673	-62.45	-13.00	49.45	Vertical
3	420.6385	-64.03	-13.00	51.03	Vertical
4	1649.3299	-61.65	-13.00	48.65	Vertical
5	2473.8948	-43.09	-13.00	30.09	Vertical
6	9754.7585	-52.89	-13.00	39.89	Vertical

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7.3. Test Band = LTE_5 _TM1 MAIN

7.3.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	38.3909	-61.78	-13.00	48.78	Horizontal
2	83.9347	-72.26	-13.00	59.26	Horizontal
3	236.5718	-64.74	-13.00	51.74	Horizontal
4	1664.1328	-58.80	-13.00	45.80	Horizontal
5	2496.2993	-36.92	-13.00	23.92	Horizontal
6	9318.4106	-53.10	-13.00	40.10	Horizontal

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7.4. Test Band = LTE_5 _TM1 MAIN

7.4.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.3581	-73.67	-13.00	60.67	Vertical
2	110.5140	-62.15	-13.00	49.15	Vertical
3	388.0934	-64.21	-13.00	51.21	Vertical
4	1664.1328	-61.28	-13.00	48.28	Vertical
5	2496.2993	-43.82	-13.00	30.82	Vertical
6	9306.0435	-52.48	-13.00	39.48	Vertical

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7.5. Test Band = LTE_5 _TM1 MAIN

7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.1927	-61.94	-13.00	48.94	Horizontal
2	101.0076	-72.59	-13.00	59.59	Horizontal
3	243.8472	-64.42	-13.00	51.42	Horizontal
4	1679.3359	-58.16	-13.00	45.16	Horizontal
5	2518.7037	-38.43	-13.00	25.43	Horizontal
6	9292.7431	-53.11	-13.00	40.11	Horizontal

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7.6. Test Band = LTE_5 _TM1 MAIN

7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-71.09	-13.00	58.09	Vertical
2	109.5925	-62.23	-13.00	49.23	Vertical
3	467.0554	-63.07	-13.00	50.07	Vertical
4	1678.9358	-62.91	-13.00	49.91	Vertical
5	2519.1038	-46.52	-13.00	33.52	Vertical
6	9314.4438	-52.89	-13.00	39.89	Vertical

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7.7. Test Band = LTE_5 _TM1 DIV

7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.4908	-61.89	-13.00	48.89	Horizontal
2	111.1931	-72.86	-13.00	59.86	Horizontal
3	242.4891	-64.58	-13.00	51.58	Horizontal
4	1649.3299	-57.55	-13.00	44.55	Horizontal
5	2473.4947	-40.60	-13.00	27.60	Horizontal
6	9320.7440	-52.01	-13.00	39.01	Horizontal

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7.8. Test Band = LTE_5 _TM1 DIV

7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1641	-73.29	-13.00	60.29	Vertical
2	110.6110	-61.52	-13.00	48.52	Vertical
3	429.3690	-64.01	-13.00	51.01	Vertical
4	1648.9298	-57.55	-13.00	44.55	Vertical
5	2473.8948	-45.17	-13.00	32.17	Vertical
6	9784.3928	-51.60	-13.00	38.60	Vertical

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7.9. Test Band = LTE_5 _TM1 DIV

7.9.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.1556	-61.57	-13.00	48.57	Horizontal
2	85.4383	-71.72	-13.00	58.72	Horizontal
3	239.8215	-64.89	-13.00	51.89	Horizontal
4	1664.1328	-58.42	-13.00	45.42	Horizontal
5	2496.2993	-40.96	-13.00	27.96	Horizontal
6	9288.5430	-51.76	-13.00	38.76	Horizontal

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7.10. Test Band = LTE_5 _TM1 DIV

7.10.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1156	-73.47	-13.00	60.47	Vertical
2	113.1332	-62.26	-13.00	49.26	Vertical
3	385.4258	-64.05	-13.00	51.05	Vertical
4	1664.1328	-60.71	-13.00	47.71	Vertical
5	2496.2993	-46.38	-13.00	33.38	Vertical
6	9806.0935	-51.59	-13.00	38.59	Vertical

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7.11. Test Band = LTE_5 _TM1 DIV

7.11.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.0957	-62.01	-13.00	49.01	Horizontal
2	108.5254	-72.57	-13.00	59.57	Horizontal
3	230.1695	-64.56	-13.00	51.56	Horizontal
4	1678.9358	-57.69	-13.00	44.69	Horizontal
5	2518.7037	-41.79	-13.00	28.79	Horizontal
6	9567.6189	-52.13	-13.00	39.13	Horizontal

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7.12. Test Band = LTE_5 _TM1 DIV

7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.3880	-73.11	-13.00	60.11	Vertical
2	108.7679	-61.63	-13.00	48.63	Vertical
3	337.2144	-65.02	-13.00	52.02	Vertical
4	1678.9358	-60.26	-13.00	47.26	Vertical
5	2518.7037	-47.02	-13.00	34.02	Vertical
6	9891.2630	-51.54	-13.00	38.54	Vertical

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.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	10.00	0.012063	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	3.50	0.004222	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.70	-0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	4.20	0.005021	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	2.50	0.002962	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-7.80	-0.009409	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	3.50	0.004222	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	4.10	0.004946	±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	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	1.90	0.002251	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	2.90	0.003436	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-3.60	-0.004343	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	11.70	0.014113	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-0.90	-0.001086	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-2.10	-0.002510	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	2.10	0.002488	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-1.40	-0.001659	±2.5	PASS

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8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	4.40	0.005308	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	1.30	0.001568	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	5.80	0.006996	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	2.50	0.003016	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	2.70	0.003257	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-6.30	-0.007531	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.70	0.002032	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	4.20	0.005021	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	5.30	0.006336	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	1.40	0.001674	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	2.10	0.002510	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	5.60	0.006695	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	4.80	0.005738	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-1.70	-0.002014	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-3.50	-0.004147	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-4.00	-0.004739	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	4.90	0.005806	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-1.10	-0.001303	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-1.30	-0.001540	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	2.50	0.002962	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	8.50	0.010253	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	2.40	0.002895	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	1.20	0.001448	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	5.40	0.006514	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	3.50	0.004222	±2.5	PASS

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Band5	10MHz	16QAM	20450	50RB#0	NV	30	1.80	0.002171	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-3.50	-0.004222	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	8.20	0.009803	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	2.00	0.002391	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	3.70	0.004423	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	7.80	0.009325	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	1.00	0.001195	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-3.10	-0.003706	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-4.00	-0.004782	±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	2.40	0.002844	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	1.30	0.001540	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	0.20	0.000237	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	1.20	0.001422	±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	1.00	0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	0.60	0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	-3.90	-0.004704	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	2.40	0.002895	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	6.60	0.007961	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-4.00	-0.004825	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	3.80	0.004584	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-2.40	-0.002895	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	1.50	0.001793	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	2.40	0.002869	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-1.30	-0.001554	±2.5	PASS

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Band5	10MHz	64QAM	20525	50RB#0	NV	40	5.50	0.006575	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	2.30	0.002750	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	4.90	0.005806	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-4.90	-0.005806	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	0.30	0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-1.90	-0.002251	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	1.00	0.001185	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-6.90	-0.008175	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	5.20	0.006161	±2.5	PASS

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