



Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1. Test Result(Down Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.5	19.31	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.79	19.6	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.62	19.43	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.6	19.41	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.69	19.5	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.69	19.5	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.69	18.5	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.57	19.38	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.67	19.48	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.58	19.39	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.56	19.37	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.6	19.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.7	19.51	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.73	18.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.55	19.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.77	19.58	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.61	19.42	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.71	19.52	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.75	19.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.8	19.61	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.91	18.72	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.7	18.51	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.69	18.5	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.8	18.61	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.7	18.51	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.65	18.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.62	18.43	38.45	PASS



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Band5	1.4MHz	16QAM	20407	6RB#0	22.6	17.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.68	18.49	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.6	18.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.8	18.61	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.6	18.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.74	18.55	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.72	18.53	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.64	17.45	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.69	18.5	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.82	18.63	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.52	18.33	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.78	18.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.72	18.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.74	18.55	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.98	17.79	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.68	19.49	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.65	19.46	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.65	19.46	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.78	18.59	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.74	18.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.76	18.57	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.71	18.52	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.66	19.47	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.66	19.47	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.55	19.36	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.65	18.46	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.74	18.55	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.74	18.55	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.77	18.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.51	19.32	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.62	19.43	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.69	19.5	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.64	18.45	38.45	PASS



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Band5	3MHz	QPSK	20635	8RB#0	23.71	18.52	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.73	18.54	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.78	18.59	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.69	18.5	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.68	18.49	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.81	18.62	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.63	17.44	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.76	17.57	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.73	17.54	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.78	17.59	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.94	18.75	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.9	18.71	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.46	18.27	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.63	17.44	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.78	17.59	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.71	17.52	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.73	17.54	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.85	18.66	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.89	18.7	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.89	18.7	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.77	17.58	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.73	17.54	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.8	17.61	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.88	17.69	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.49	19.3	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.63	19.44	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.54	19.35	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.72	18.53	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.79	18.6	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.72	18.53	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.77	18.58	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.58	19.39	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.67	19.48	38.45	PASS



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Band5	5MHz	QPSK	20525	1RB#24	24.53	19.34	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.79	18.6	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.77	18.58	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.79	18.6	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.75	18.56	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.67	19.48	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.66	19.47	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.72	19.53	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.8	18.61	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.85	18.66	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.74	18.55	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.75	18.56	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.93	18.74	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.92	18.73	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.8	18.61	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.63	17.44	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.63	17.44	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.72	17.53	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.72	17.53	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.71	18.52	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.94	18.75	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.55	18.36	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.73	17.54	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.77	17.58	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.76	17.57	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.65	17.46	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.93	18.74	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.93	18.74	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.86	18.67	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.71	17.52	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.88	17.69	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.76	17.57	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.86	17.67	38.45	PASS



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Band5	10MHz	QPSK	20450	1RB#0	24.52	19.33	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.61	19.42	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.57	19.38	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.83	18.64	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.76	18.57	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.87	18.68	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.8	18.61	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.64	19.45	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.78	19.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.56	19.37	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.88	18.69	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.73	18.54	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.78	18.59	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.78	18.59	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.68	19.49	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.88	19.69	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.82	19.63	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.8	18.61	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.76	18.57	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.8	18.61	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.83	18.64	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.9	18.71	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.92	18.73	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.87	18.68	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.72	17.53	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.74	17.55	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.73	17.54	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.84	17.65	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.88	18.69	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.91	18.72	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.67	18.48	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.66	17.47	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.68	17.49	38.45	PASS



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Band5	10MHz	16QAM	20525	25RB#25	22.62	17.43	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.79	17.6	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.84	18.65	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.82	18.63	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.95	18.76	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.7	17.51	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.72	17.53	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.8	17.61	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.87	17.68	38.45	PASS

1.2. Test Result(Up Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	20.3	13.7	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	20.35	13.75	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	20.61	14.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	20.21	13.61	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	20.56	13.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	20.35	13.75	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.28	13.68	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	20.35	13.75	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	20.34	13.74	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	20.22	13.62	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	20.31	13.71	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	20.54	13.94	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	20.39	13.79	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.44	13.84	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	20.24	13.64	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	20.32	13.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	20.29	13.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	20.35	13.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	20.79	14.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	20.33	13.73	38.45	PASS



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Band5	1.4MHz	QPSK	20643	6RB#0	20.28	13.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	20.48	13.88	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.73	14.13	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	20.36	13.76	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.11	13.51	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.27	13.67	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.24	13.64	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.35	13.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.74	14.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.71	14.11	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.51	13.91	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.25	13.65	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.62	14.02	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.36	13.76	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.43	13.83	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.4	13.8	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.51	13.91	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.39	13.79	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.46	13.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.28	13.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.22	13.62	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.25	13.65	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	20.29	13.69	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	20.44	13.84	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	20.58	13.98	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.23	13.63	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	20.55	13.95	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	20.34	13.74	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.33	13.73	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	20.29	13.69	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	20.36	13.76	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	20.18	13.58	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.35	13.75	38.45	PASS



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Band5	3MHz	QPSK	20525	8RB#0	20.59	13.99	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.34	13.74	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.38	13.78	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	20.19	13.59	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	20.32	13.72	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	20.29	13.69	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.32	13.72	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.79	14.19	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.36	13.76	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.35	13.75	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.5	13.9	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.73	14.13	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.41	13.81	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.13	13.53	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.28	13.68	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.25	13.65	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.33	13.73	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.68	14.08	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.72	14.12	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.45	13.85	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.24	13.64	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.64	14.04	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.3	13.7	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.43	13.83	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	20.53	13.93	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.59	13.99	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.33	13.73	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.51	13.91	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.28	13.68	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.17	13.57	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.32	13.72	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	20.28	13.68	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	20.41	13.81	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#0	20.36	13.76	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.17	13.57	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	20.25	13.65	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.36	13.76	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.27	13.67	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	20.3	13.7	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	20.44	13.84	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	20.17	13.57	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.39	13.79	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.23	13.63	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.4	13.8	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.45	13.85	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	20.26	13.66	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	20.42	13.82	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	20.37	13.77	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.31	13.71	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.42	13.82	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.4	13.8	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.31	13.71	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.51	13.91	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.56	13.96	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.46	13.86	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.15	13.55	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.26	13.66	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.17	13.57	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.29	13.69	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	20.64	14.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.76	14.16	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.5	13.9	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.22	13.62	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.38	13.78	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.34	13.74	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.44	13.84	38.45	PASS



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Band5	5MHz	16QAM	20625	1RB#0	20.52	13.92	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.56	13.96	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.38	13.78	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.21	13.61	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.3	13.7	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.22	13.62	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.28	13.68	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	20.41	13.81	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	20.75	14.15	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	20.47	13.87	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.36	13.76	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	20.71	14.11	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.49	13.89	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	20.65	14.05	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	20.46	13.86	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	20.74	14.14	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	20.37	13.77	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.49	13.89	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.73	14.13	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.53	13.93	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.77	14.17	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	20.37	13.77	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	20.72	14.12	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	20.47	13.87	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.51	13.91	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.79	14.19	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.53	13.93	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.66	14.06	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	20.61	14.01	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.73	14.13	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.56	13.96	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.28	13.68	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.42	13.82	38.45	PASS



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Band5	10MHz	16QAM	20450	25RB#25	20.37	13.77	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.49	13.89	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.73	14.13	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.81	14.21	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.61	14.01	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.38	13.78	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.52	13.92	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.47	13.87	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.54	13.94	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.64	14.04	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.71	14.11	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.52	13.92	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.34	13.74	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.45	13.85	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.36	13.76	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.43	13.83	38.45	PASS

Remark:

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

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

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



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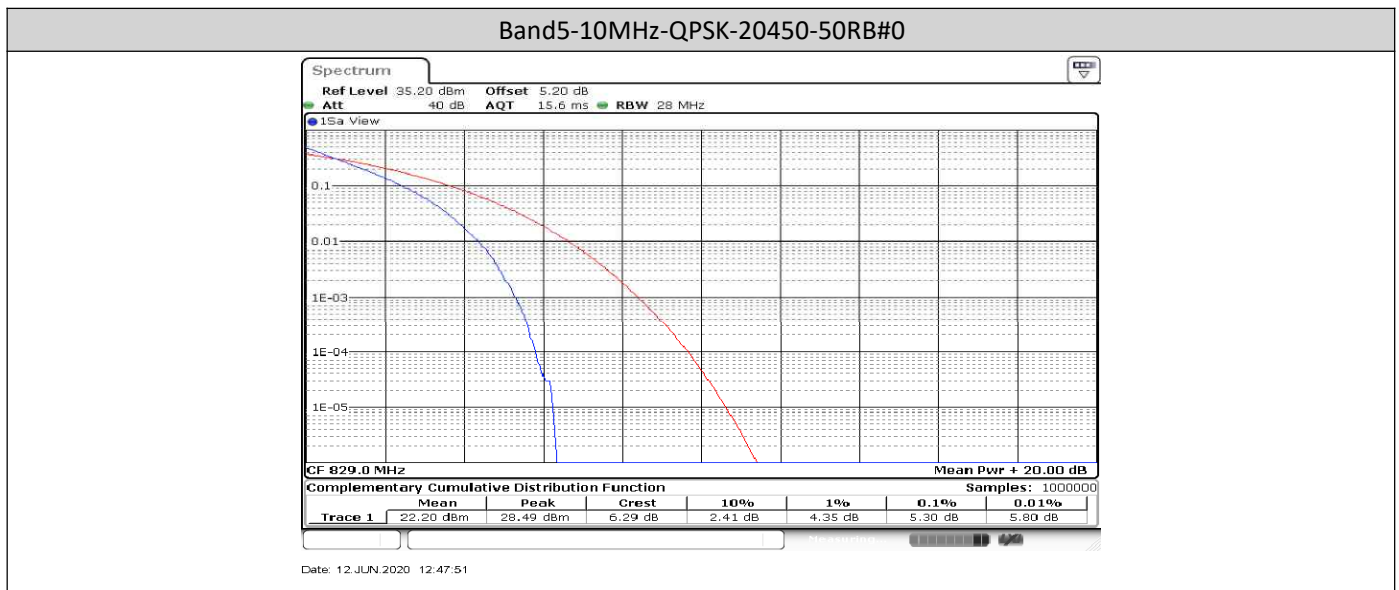


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

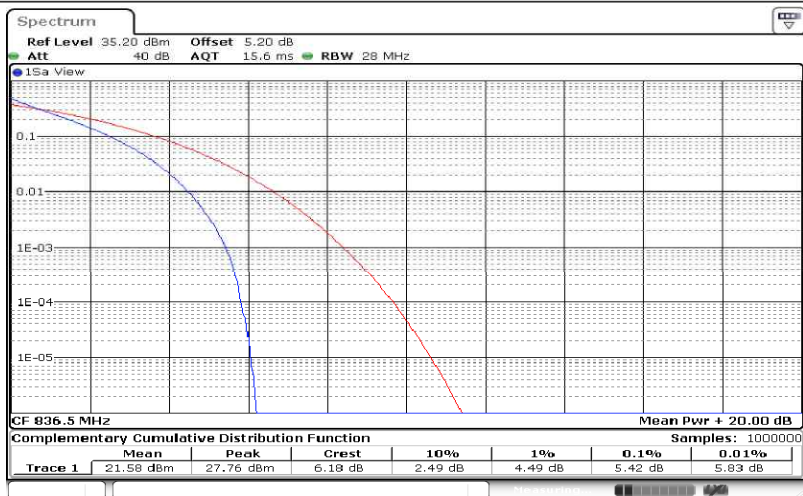
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.30	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.12	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.12	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.97	13	PASS

2.2. Test Plots



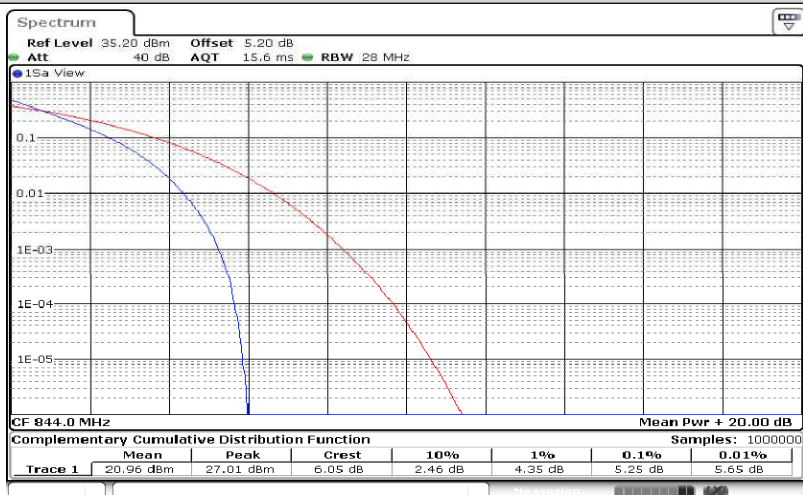


Band5-10MHz-QPSK-20525-50RB#0



Date: 12 JUN 2020 12:48:13

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



Date: 12 JUN 2020 12:48:36

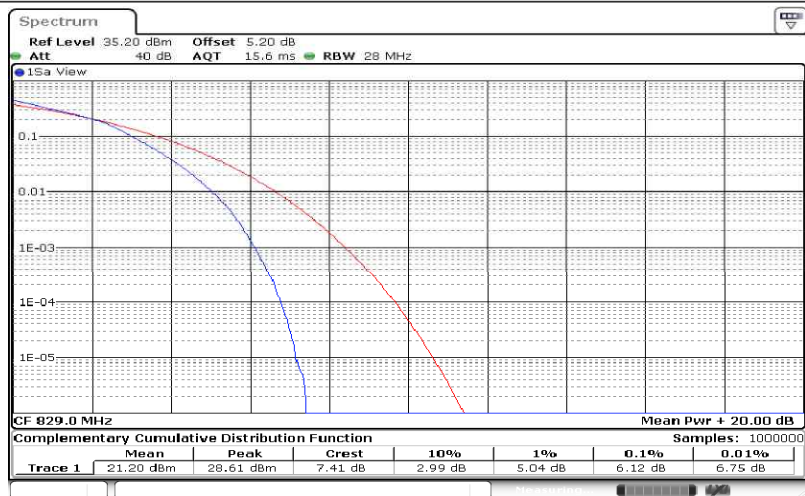


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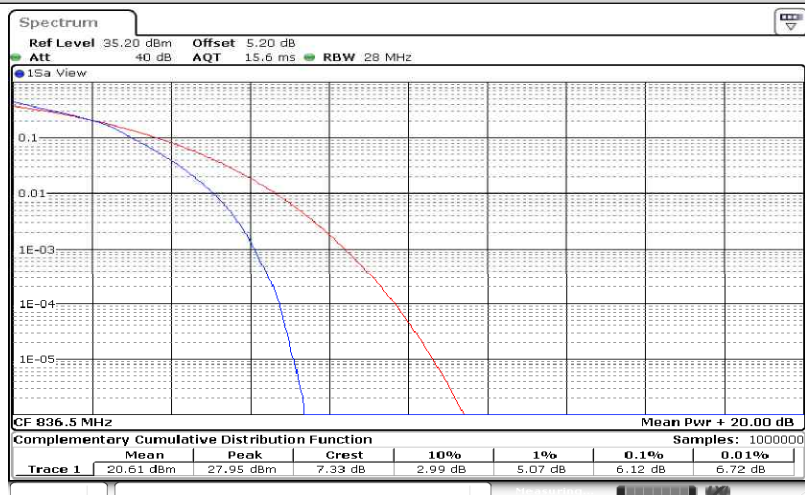


Band5-10MHz-16QAM-20450-50RB#0



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



Date: 12 JUN 2020 12:48:24



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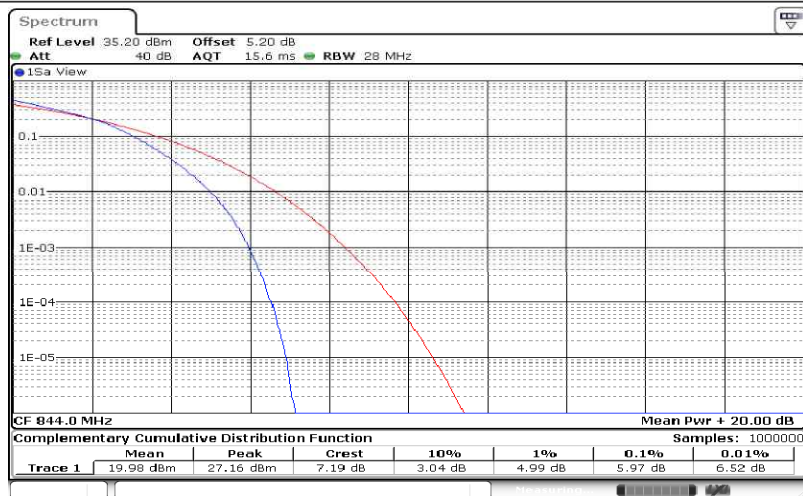
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Band5-10MHz-16QAM-20600-50RB#0



Date: 12 JUN 2020 12:48:47

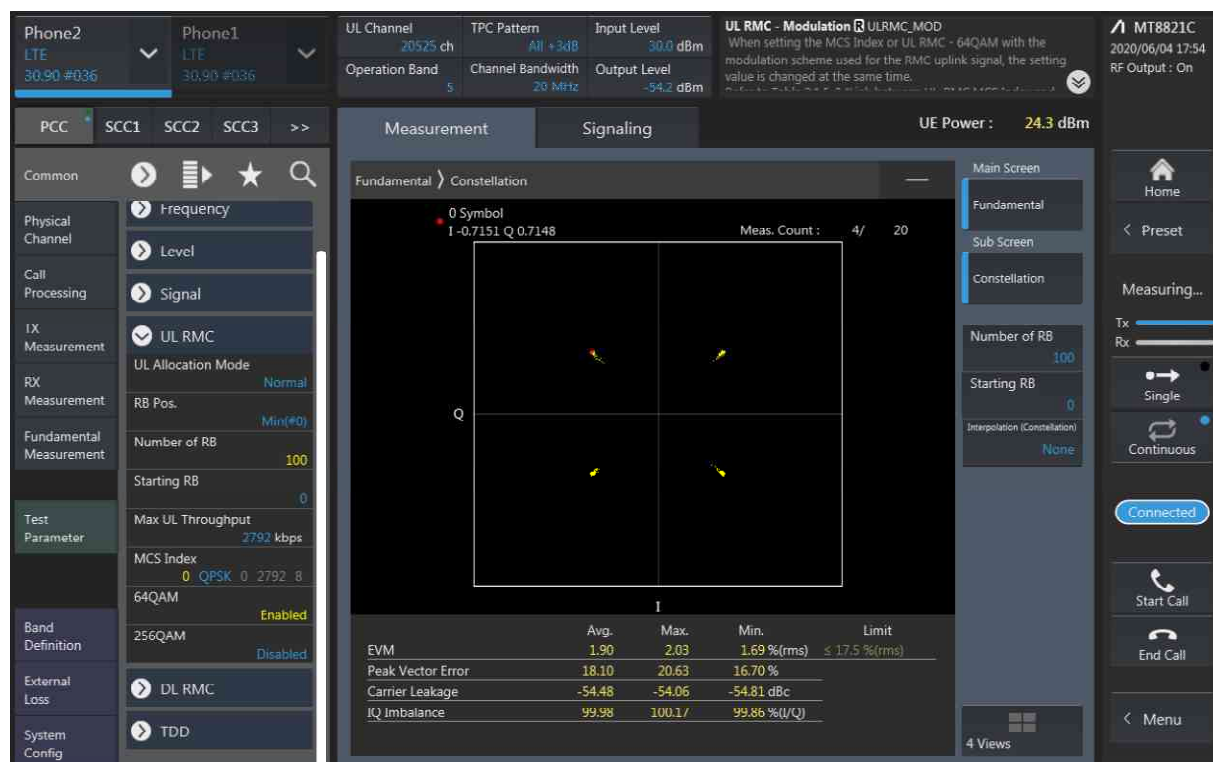




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

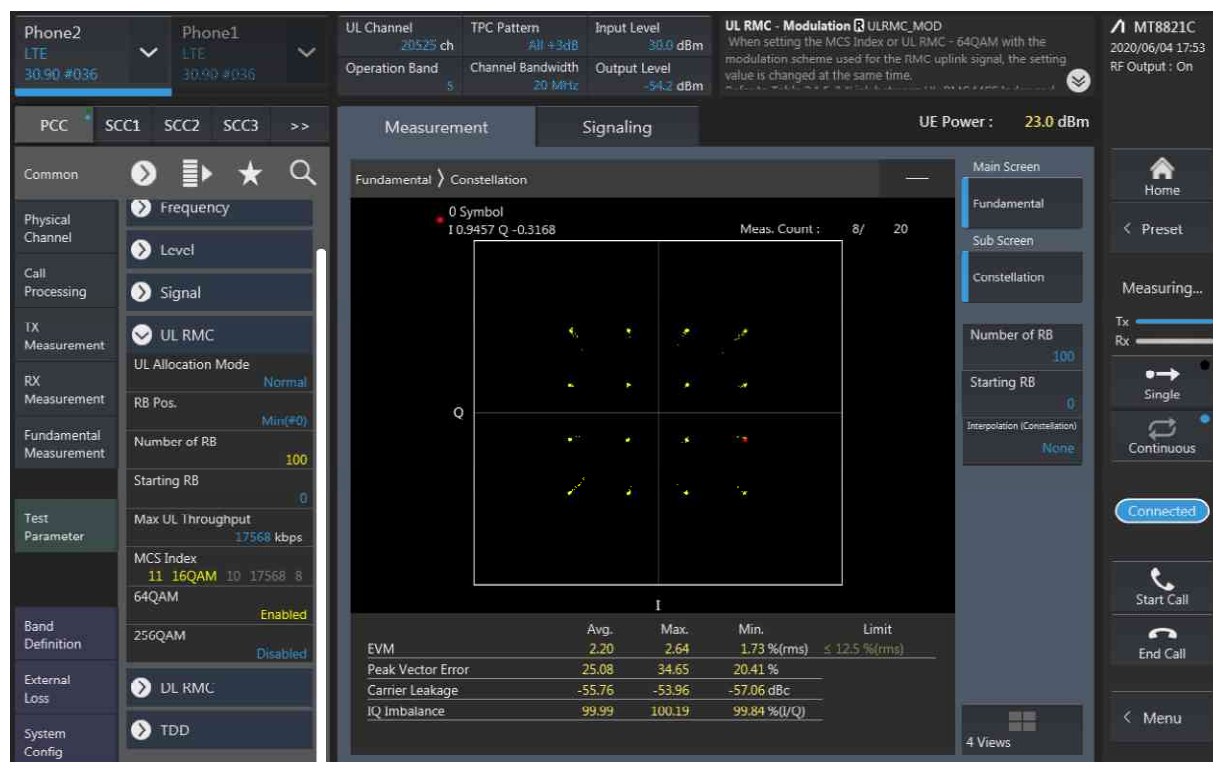
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

3.2.1. 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	1.088	1.287	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.287	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.293	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	1.284	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.685	2.898	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.928	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.685	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.673	2.874	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.679	2.910	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.673	2.880	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.486	4.860	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.466	4.850	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.466	4.770	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.770	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.760	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.476	4.750	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.911	9.760	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.951	9.620	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.580	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.911	9.620	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.680	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.911	9.580	PASS



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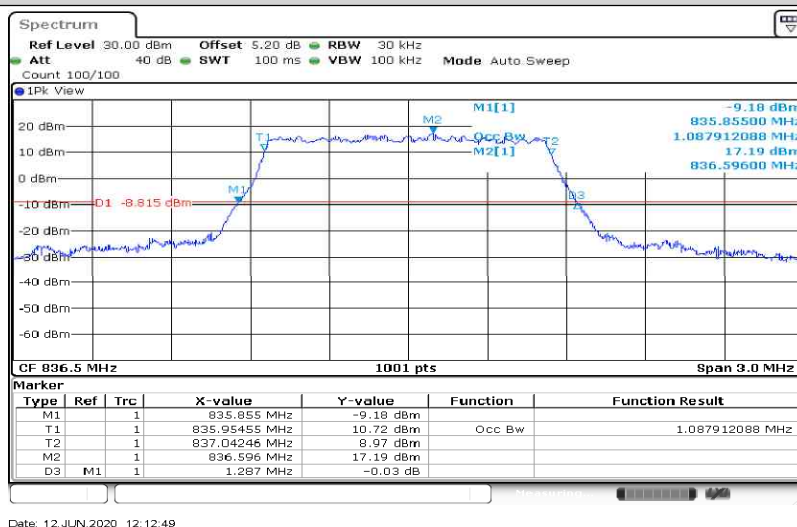
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4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.088



Band5-1.4MHz-QPSK-20525-6RB#0-1.088



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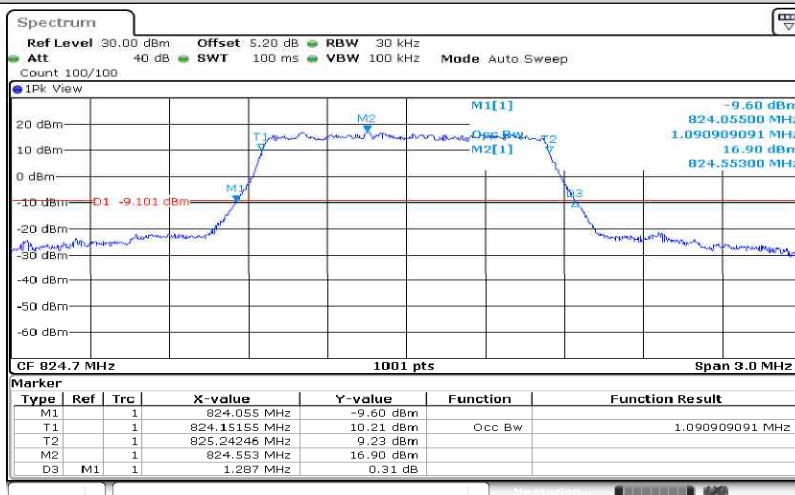


Band5-1.4MHz-QPSK-20643-6RB#0-1.091



Date: 12 JUN 2020 12:13:29

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



Date: 12 JUN 2020 12:12:29



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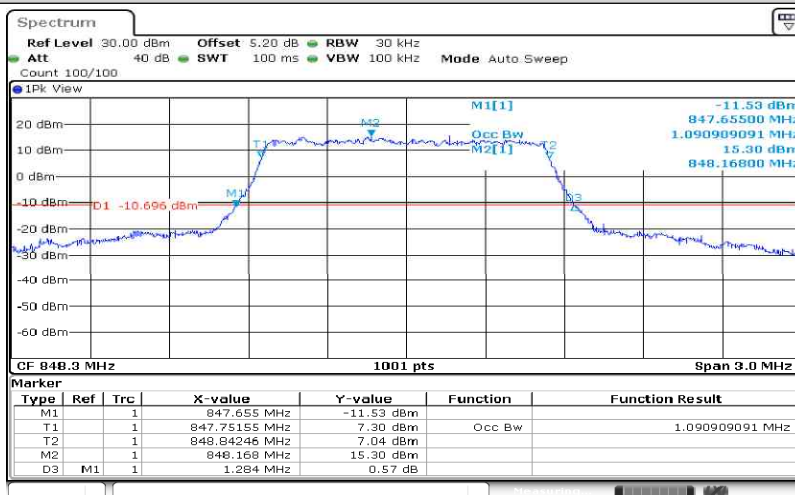


Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 12 JUN 2020 12:13:09

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



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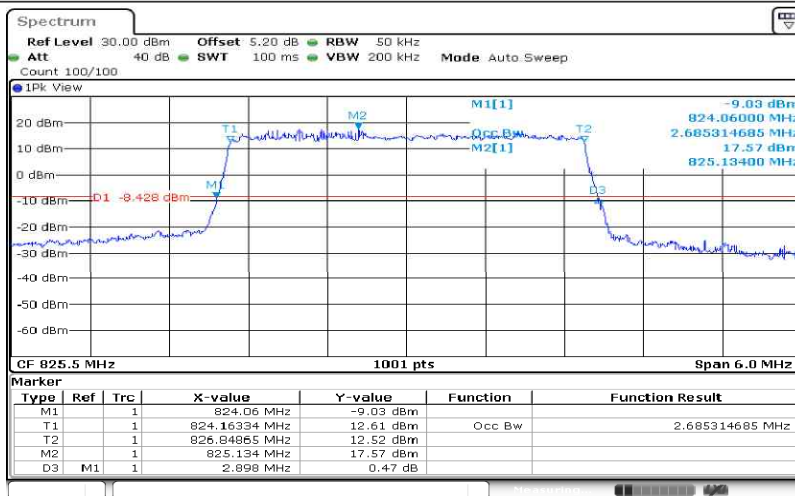
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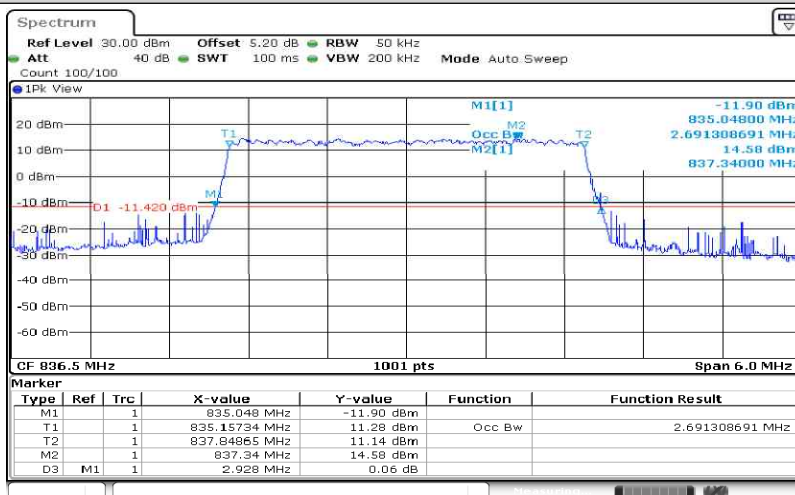


Band5-3MHz-QPSK-20415-15RB#0-2.685



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



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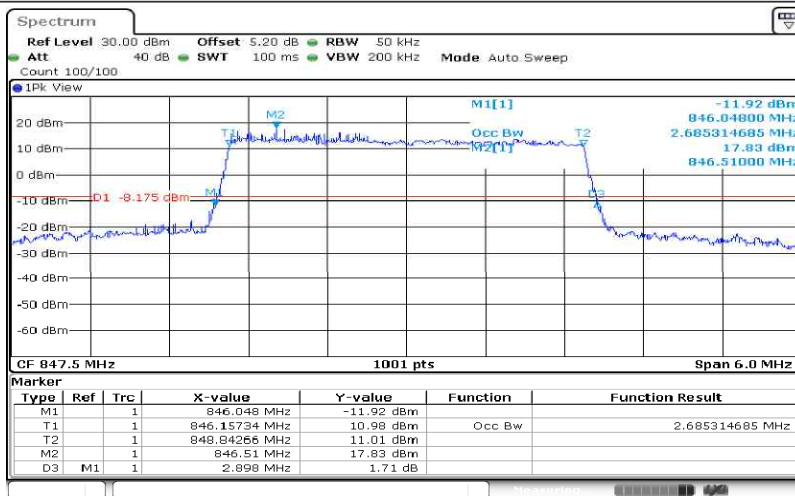
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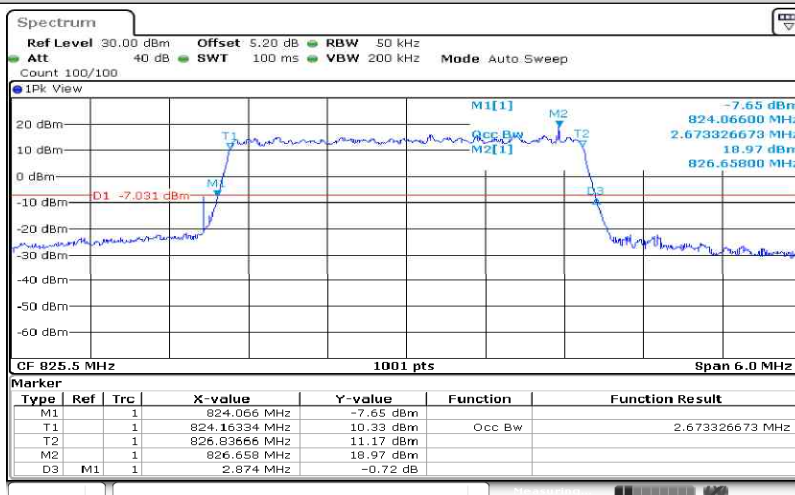


Band5-3MHz-QPSK-20635-15RB#0-2.685



Date: 12 JUN 2020 12:15:33

Band5-3MHz-16QAM-20415-15RB#0-2.673



Date: 12 JUN 2020 12:14:33



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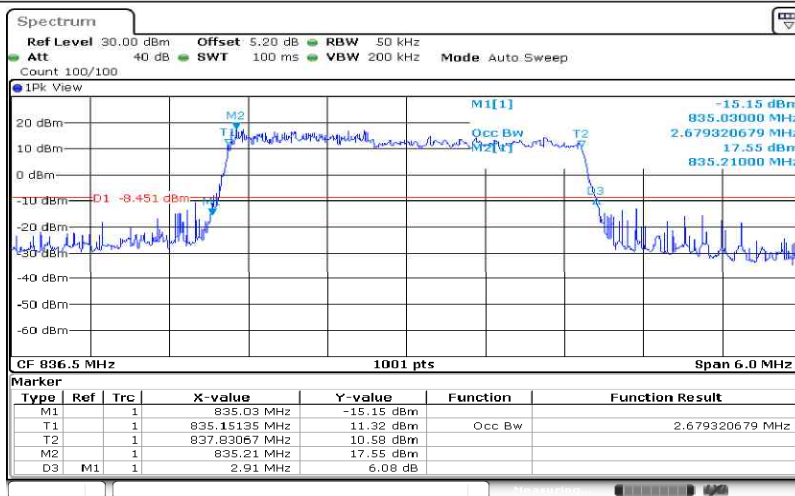
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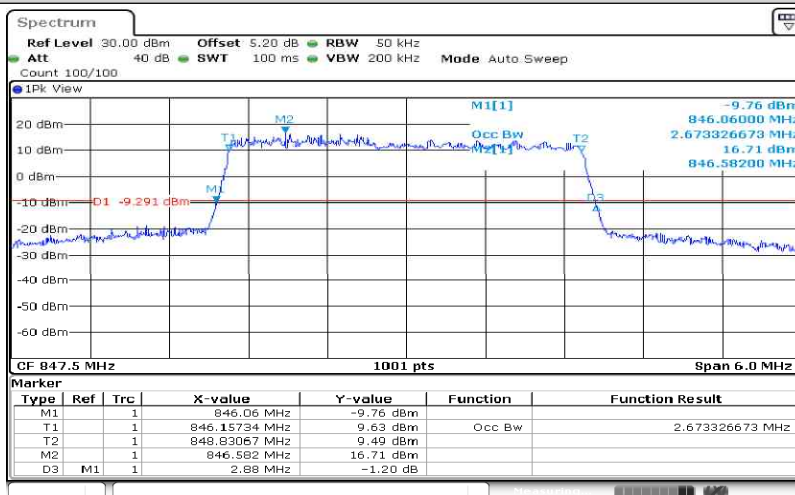


Band5-3MHz-16QAM-20525-15RB#0-2.679



Date: 12 JUN 2020 12:15:13

Band5-3MHz-16QAM-20635-15RB#0-2.673



Date: 12 JUN 2020 12:15:52



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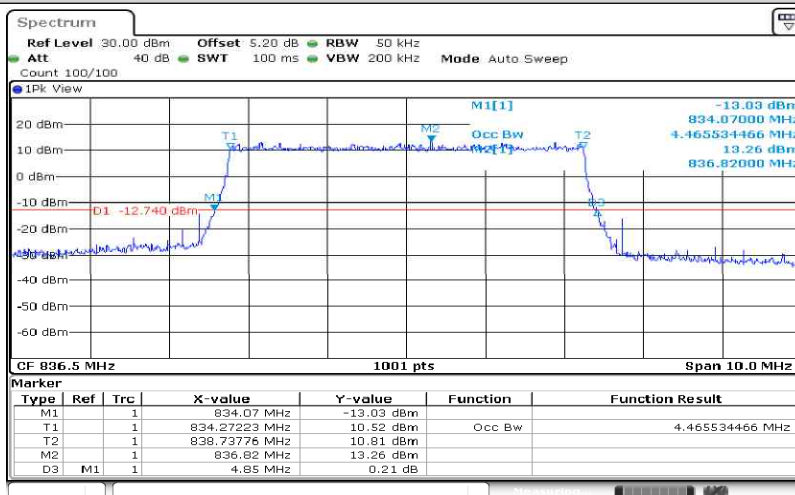


Band5-5MHz-QPSK-20425-25RB#0-4.486



Date: 12 JUN 2020 12:16:31

Band5-5MHz-QPSK-20525-25RB#0-4.466



Date: 12 JUN 2020 12:17:12

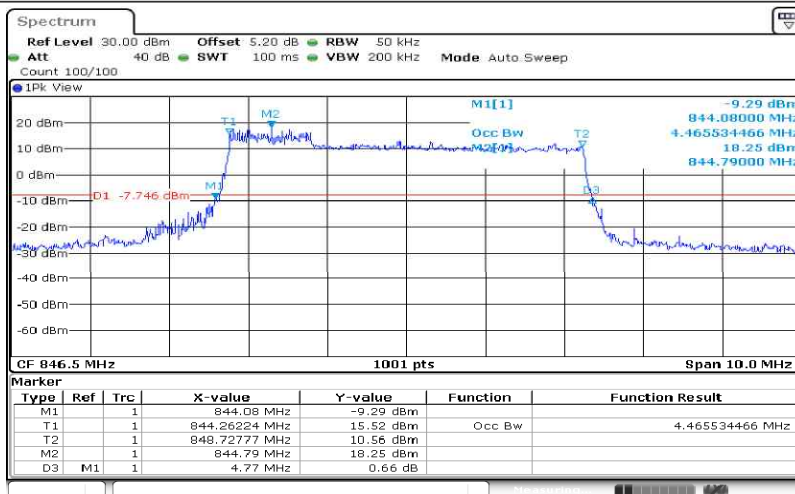


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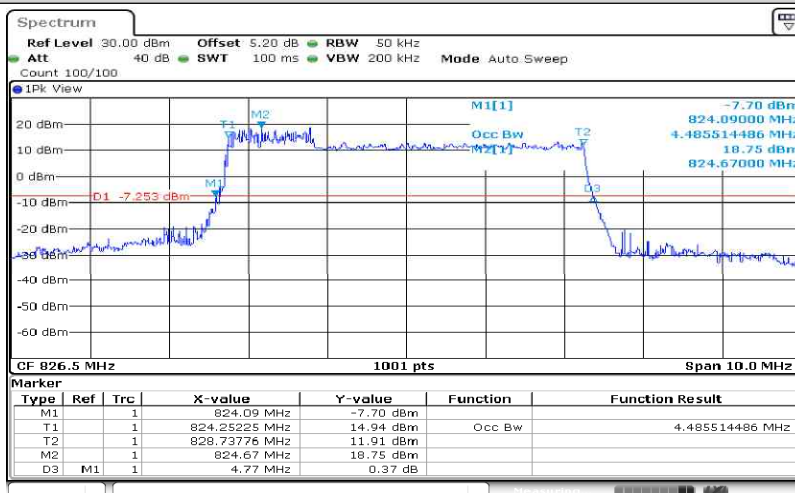


Band5-5MHz-QPSK-20625-25RB#0-4.466



Date: 12 JUN 2020 12:17:51

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



Date: 12 JUN 2020 12:16:52



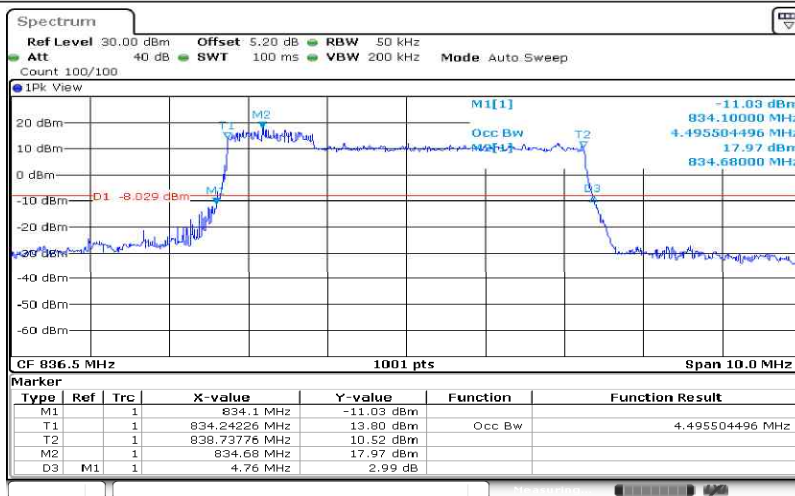
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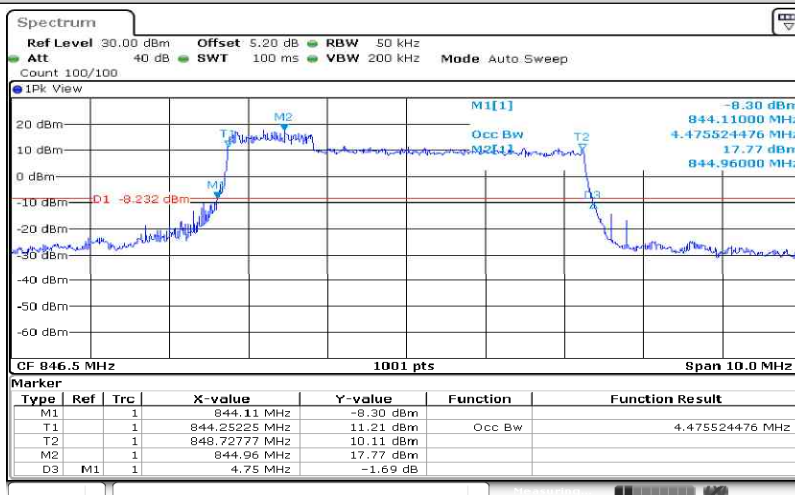


Band5-5MHz-16QAM-20525-25RB#0-4.496



Date: 12 JUN 2020 12:17:31

Band5-5MHz-16QAM-20625-25RB#0-4.476



Date: 12 JUN 2020 12:18:11

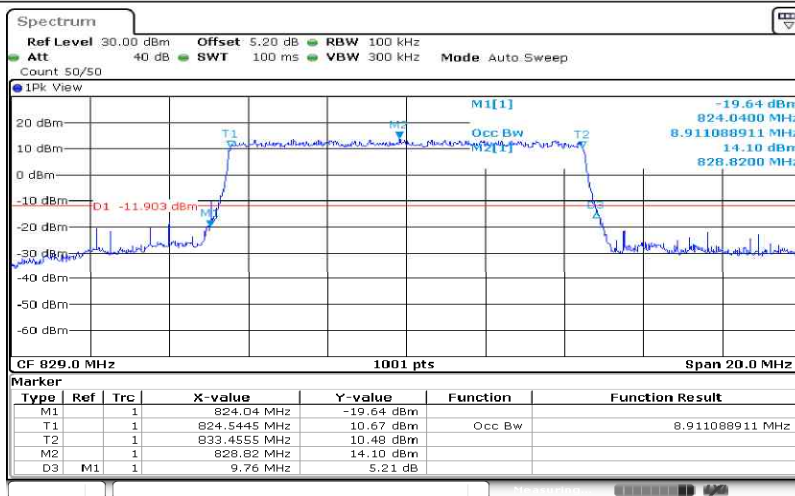


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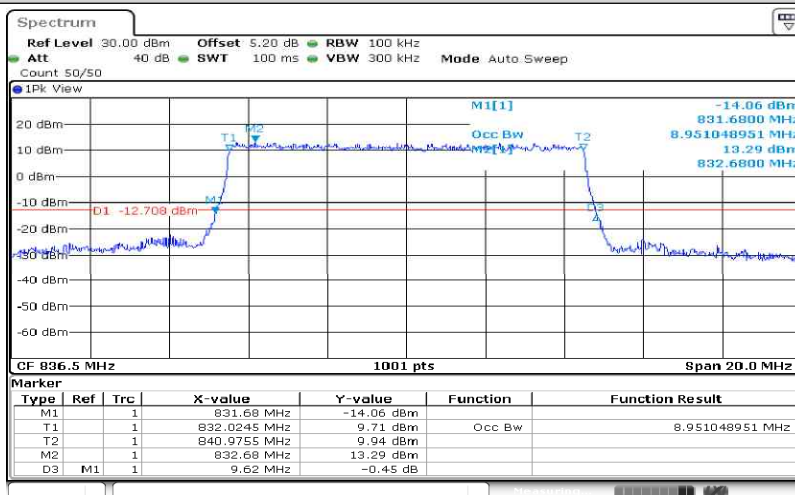


Band5-10MHz-QPSK-20450-50RB#0-8.911



Date: 12 JUN 2020 12:21:03

Band5-10MHz-QPSK-20525-50RB#0-8.951

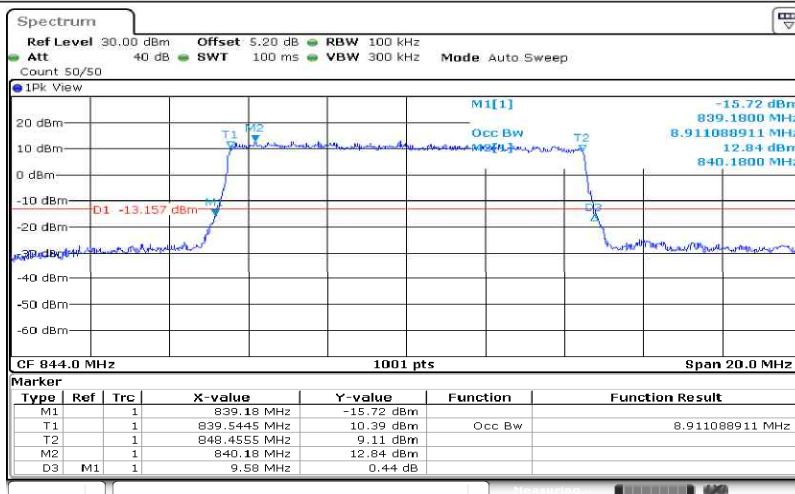


Date: 12 JUN 2020 12:21:50



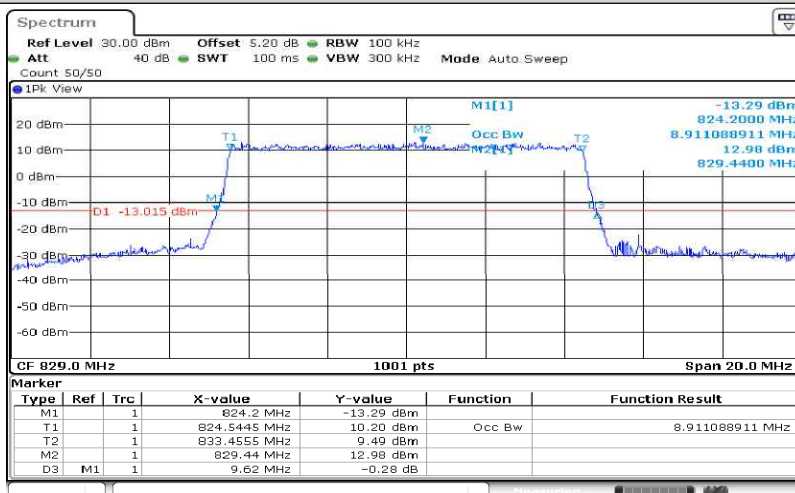


Band5-10MHz-QPSK-20600-50RB#0-8.911



Date: 12 JUN 2020 12:22:34

Band5-10MHz-16QAM-20450-50RB#0-8.911



Date: 12 JUN 2020 12:21:28



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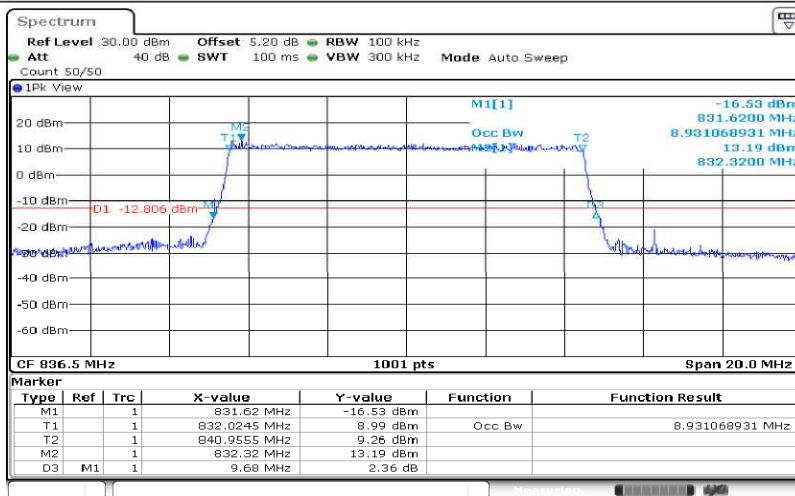
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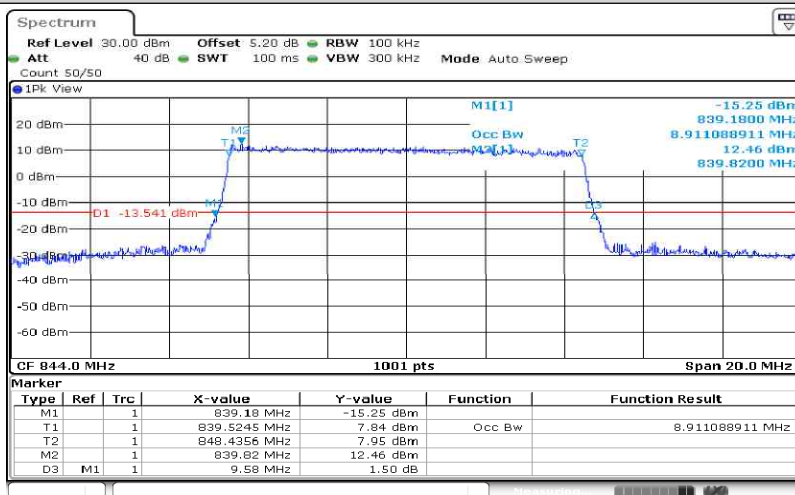


Band5-10MHz-16QAM-20525-50RB#0-8.931



Date: 12 JUN 2020 12:22:13

Band5-10MHz-16QAM-20600-50RB#0-8.911



Date: 12 JUN 2020 12:22:56



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5. Band Edge Compliance

5.1. Test Plots

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



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



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



Date: 12 JUN 2020 12:26:13

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



Date: 12 JUN 2020 12:26:54



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Band5-1.4MHz-16QAM-20407-1RB#0



Date: 12 JUN 2020 12:25:08

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



Date: 12 JUN 2020 12:25:48



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Band5-1.4MHz-16QAM-20643-1RB#5



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



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



Date: 12 JUN 2020 12:28:00

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



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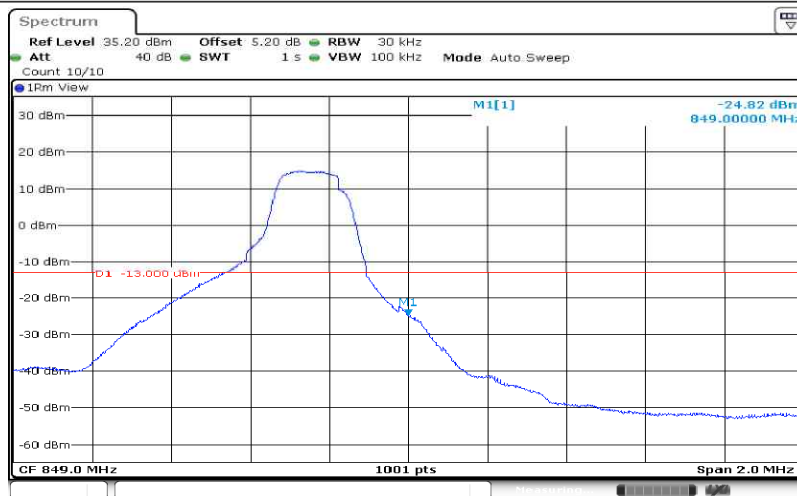
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Band5-3MHz-QPSK-20635-1RB#14



Date: 12 JUN 2020 12:29:26

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



Date: 12 JUN 2020 12:30:07



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



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



Date: 12 JUN 2020 12:29:01



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



Date: 12 JUN 2020 12:29:47

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



Date: 12 JUN 2020 12:31:43

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



Date: 12 JUN 2020 12:32:24



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



Date: 12 JUN 2020 12:33:09

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



Date: 12 JUN 2020 12:33:50

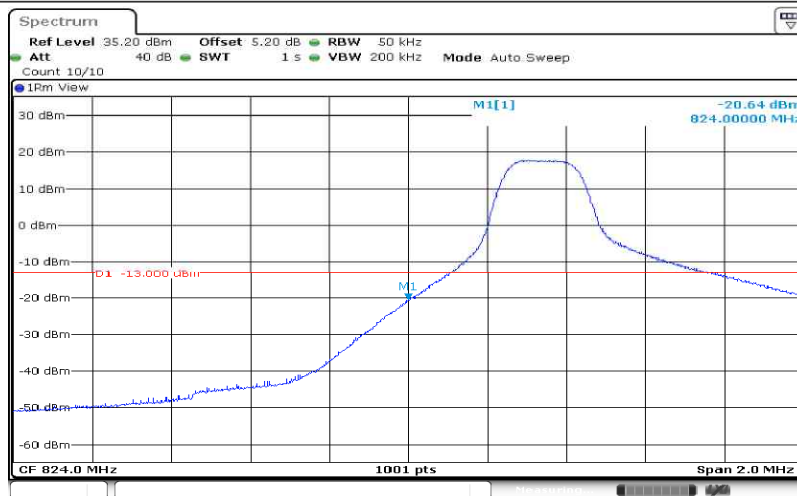


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Band5-5MHz-16QAM-20425-1RB#0



Date: 12 JUN 2020 12:32:03

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



Date: 12 JUN 2020 12:32:44



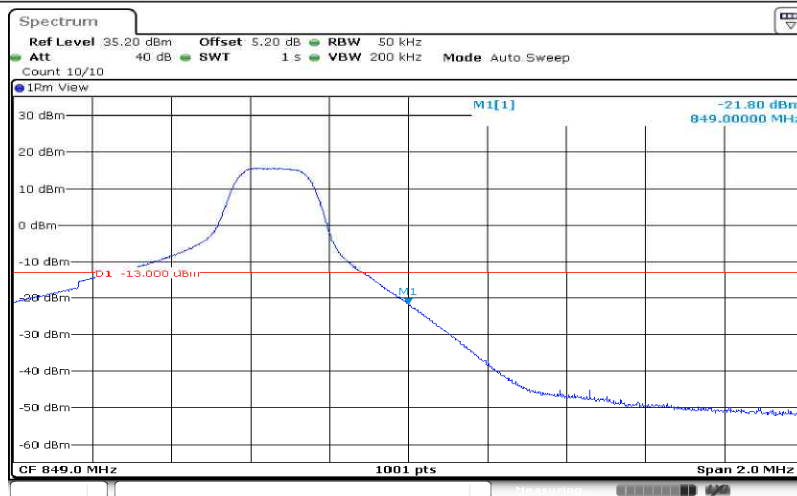
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Band5-5MHz-16QAM-20625-1RB#24



Date: 12 JUN 2020 12:33:30

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



Date: 12 JUN 2020 12:34:11



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



Date: 12 JUN 2020 12:34:36

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



Date: 12 JUN 2020 12:35:17

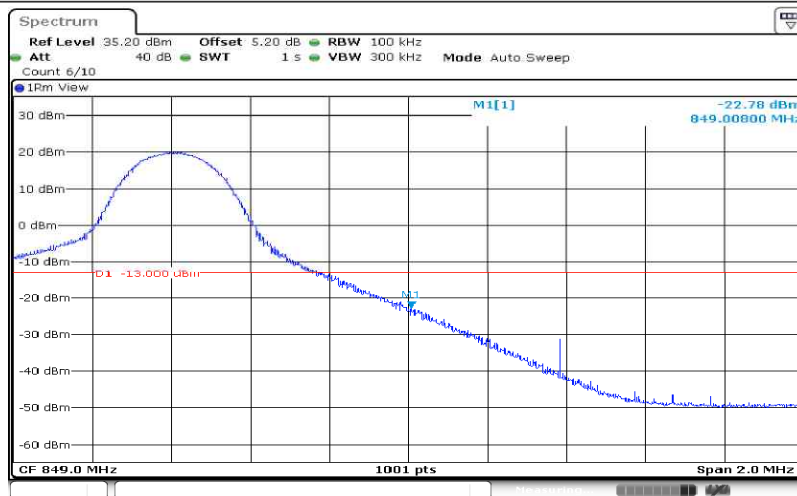


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Band5-10MHz-QPSK-20600-1RB#49



Date: 12 JUN 2020 12:36:45

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



Date: 12 JUN 2020 12:37:27

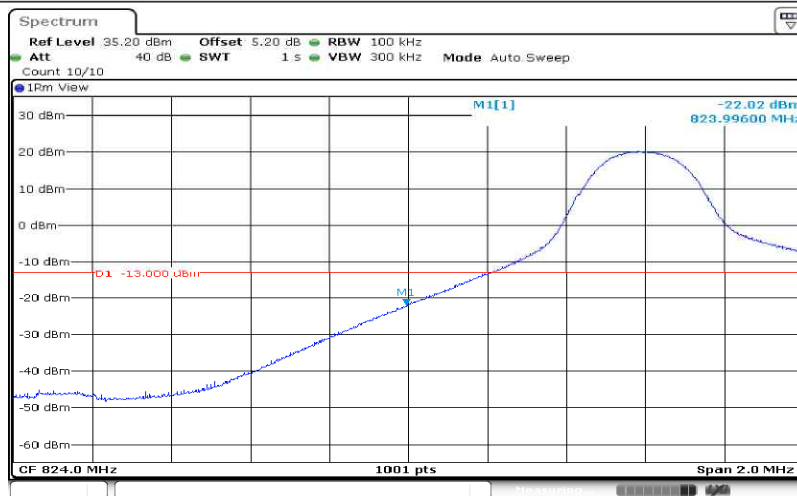


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Band5-10MHz-16QAM-20450-1RB#0



Date: 12 JUN 2020 12:34:57

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



Date: 12 JUN 2020 12:35:38





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



Date: 12 JUN 2020 12:37:07

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



Date: 12 JUN 2020 12:37:57



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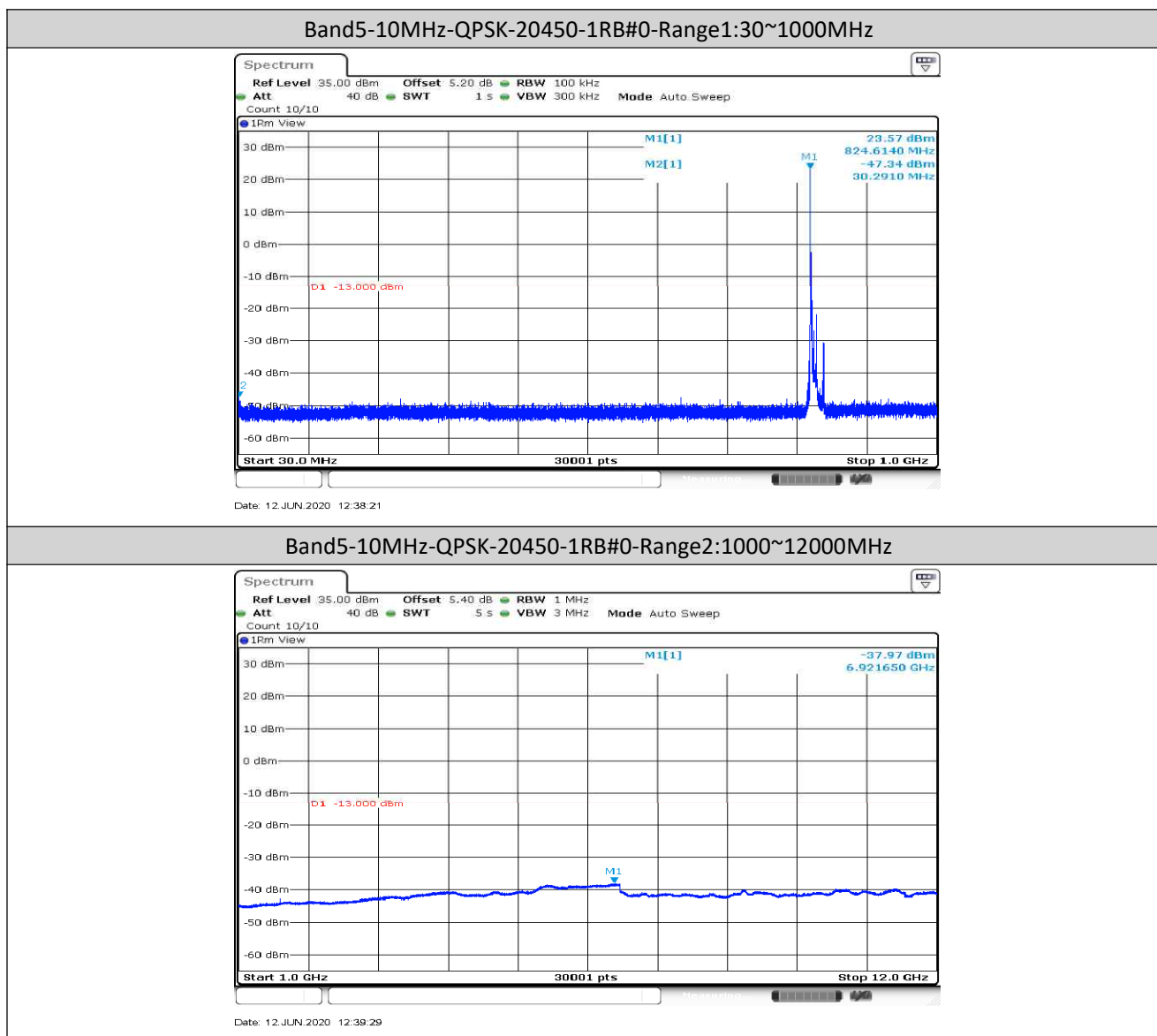
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " 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



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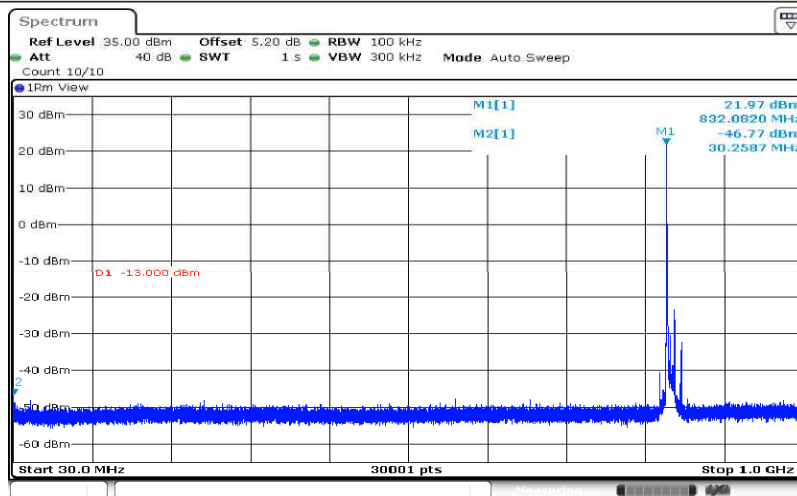
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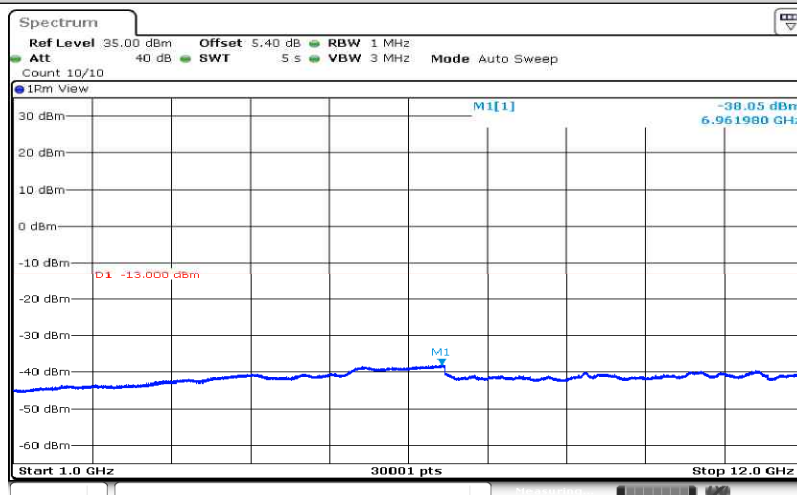


Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 12 JUN 2020 12:41:15

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~12000MHz



Date: 12 JUN 2020 12:42:22



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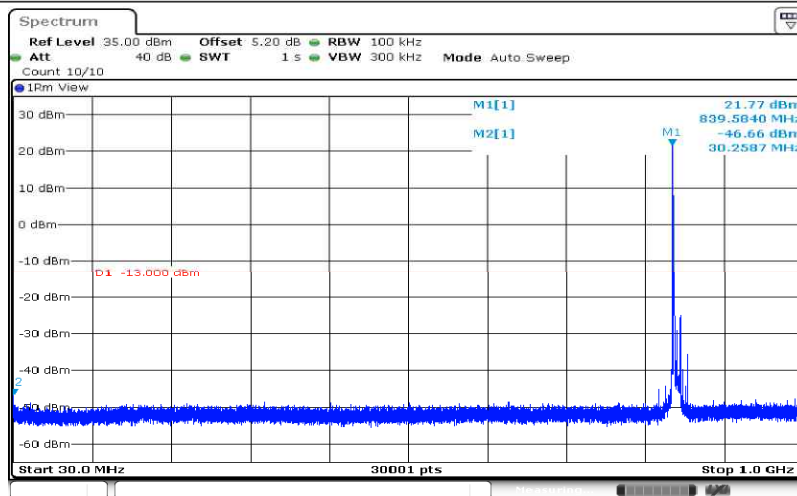
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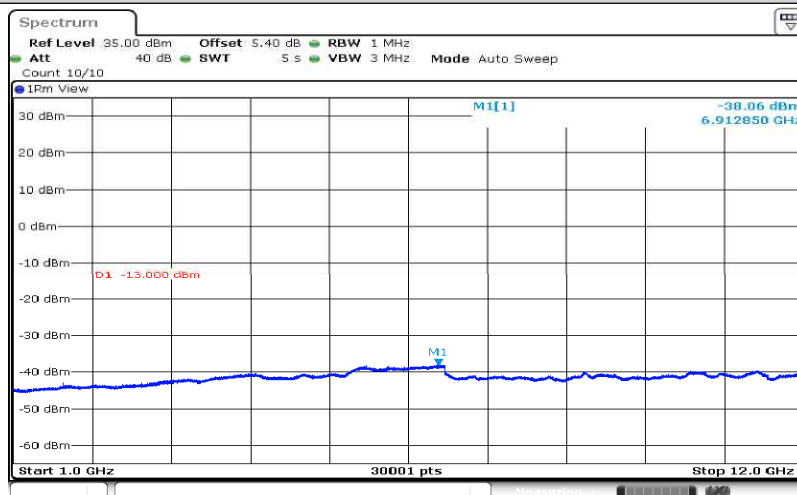


Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 12 JUN 2020 12:44:09

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz



Date: 12 JUN 2020 12:45:16

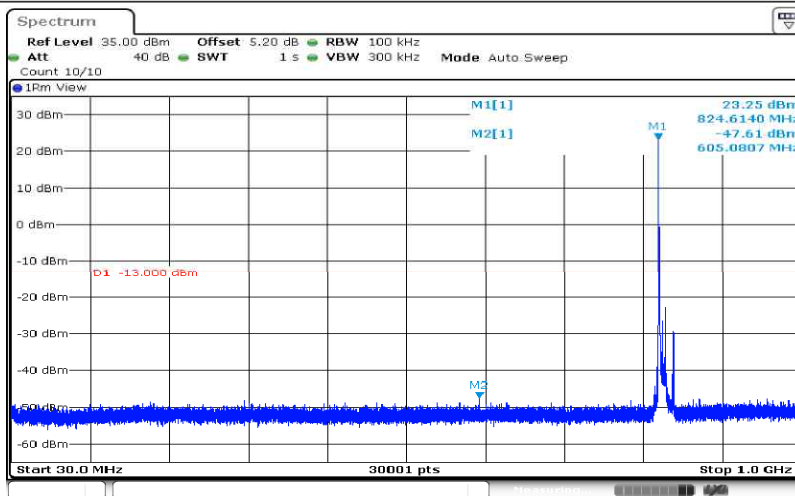


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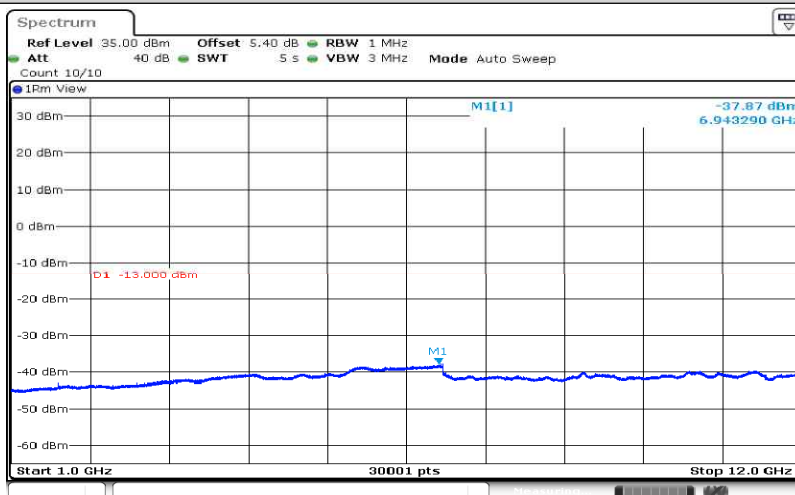


Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 12 JUN 2020 12:39:48

Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz



Date: 12 JUN 2020 12:40:55

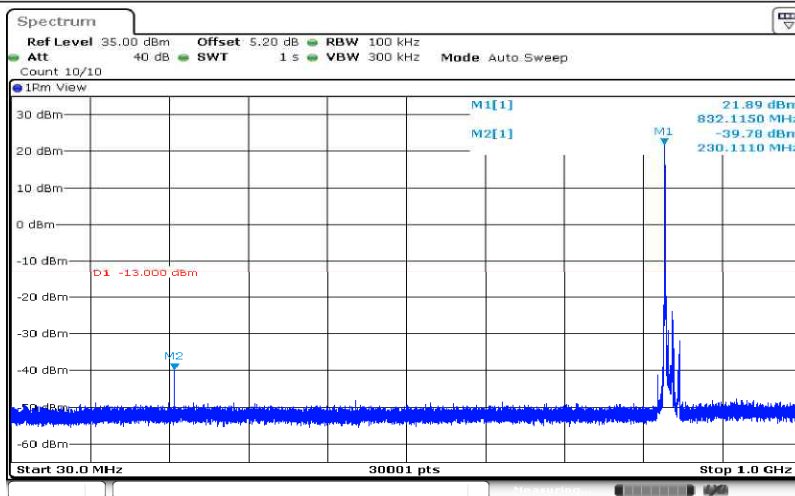


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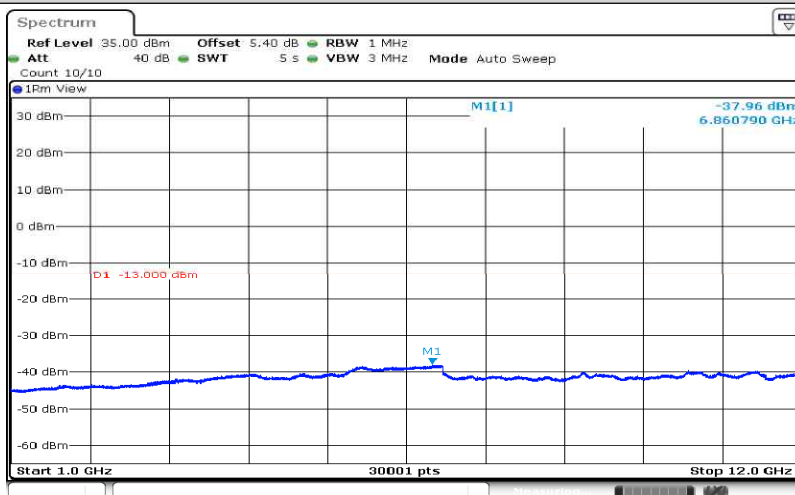


Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 12 JUN 2020 12:42:42

Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz



Date: 12 JUN 2020 12:43:49



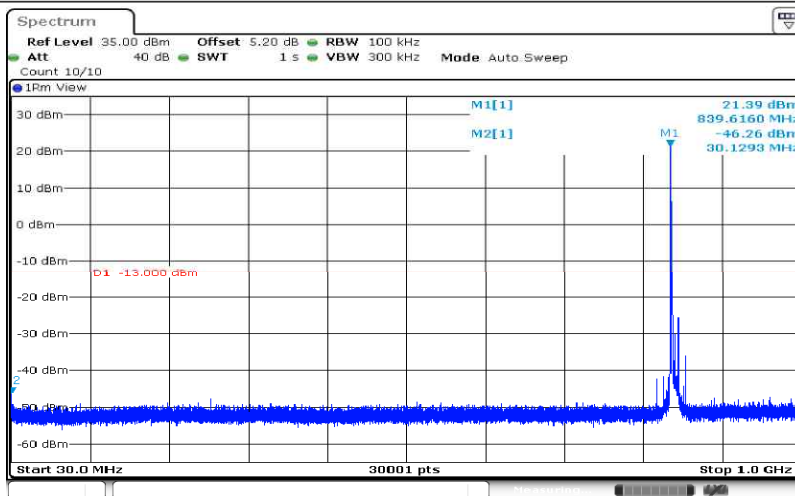
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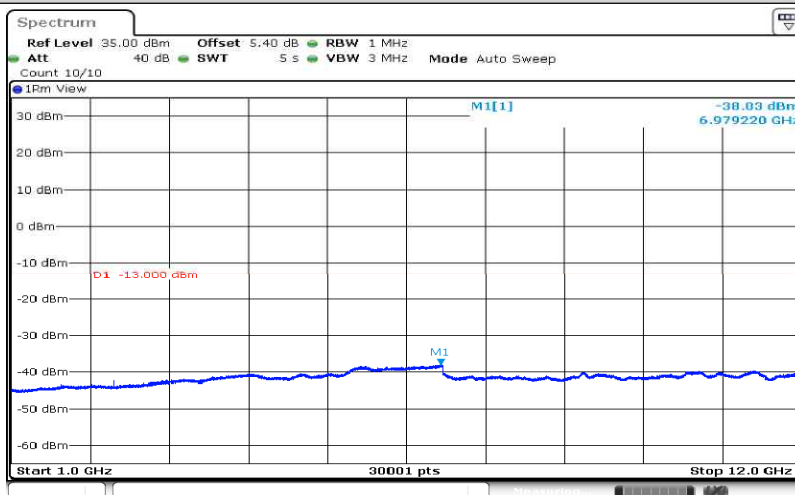


Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 12 JUN 2020 12:45:36

Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~12000MHz



Date: 12 JUN 2020 12:46:43



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.8860	-70.83	-13.00	57.83	Vertical
112.2116	-62.92	-13.00	49.92	Vertical
377.4714	-66.07	-13.00	53.07	Vertical
2032.2064	-62.70	-13.00	49.70	Vertical
3000.0000	-56.30	-13.00	43.30	Vertical
8597.5866	-54.02	-13.00	41.02	Vertical
43.3382	-62.36	-13.00	49.36	Horizontal
245.2538	-65.20	-13.00	52.20	Horizontal
622.5056	-60.32	-13.00	47.32	Horizontal
1648.9298	-59.86	-13.00	46.86	Horizontal
3298.4099	-55.18	-13.00	42.18	Horizontal
8489.7830	-55.10	-13.00	42.10	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.7776	-70.91	-13.00	57.91	Vertical
111.4841	-62.22	-13.00	49.22	Vertical
431.6486	-65.43	-13.00	52.43	Vertical
2463.8928	-58.23	-13.00	45.23	Vertical
5063.8688	-61.01	-13.00	48.01	Vertical
8610.3870	-53.56	-13.00	40.56	Vertical
43.6777	-62.85	-13.00	49.85	Horizontal
242.5861	-65.15	-13.00	52.15	Horizontal
510.8530	-63.46	-13.00	50.46	Horizontal
1664.1328	-61.34	-13.00	48.34	Horizontal
2700.7401	-56.21	-13.00	43.21	Horizontal
8780.9927	-53.30	-13.00	40.30	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.8674	-71.47	-13.00	58.47	Vertical
110.1260	-62.60	-13.00	49.60	Vertical
350.0675	-65.96	-13.00	52.96	Vertical
2996.7994	-56.54	-13.00	43.54	Vertical
5072.0691	-61.00	-13.00	48.00	Vertical
8767.1922	-53.37	-13.00	40.37	Vertical
44.1627	-61.64	-13.00	48.64	Horizontal
237.3964	-65.39	-13.00	52.39	Horizontal
428.2534	-65.09	-13.00	52.09	Horizontal
2697.1394	-56.25	-13.00	43.25	Horizontal
3358.2119	-55.20	-13.00	42.20	Horizontal
8780.7927	-53.65	-13.00	40.65	Horizontal

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.
- 4 All antenna has been tested, only the data of down antenna(worst) has been displayed.





8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth h	Modulation	Channel	RB Configur e	Voltage [Vdc]	Tempe rature (°C)	Deviation n (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-6.50	-0.007841	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-9.30	-0.011218	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-4.90	-0.005911	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-7.80	-0.009325	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-4.00	-0.004782	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-9.55	-0.011519	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-4.80	-0.005687	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-7.40	-0.008926	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-4.40	-0.005308	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-10.10	-0.012183	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.80	-0.004543	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.10	-0.002510	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.70	-0.003199	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-4.00	-0.004739	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-7.30	-0.008649	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth h	Modulation	Channel l	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-4.30	-0.005187	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-8.50	-0.010253	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-7.30	-0.008806	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-8.60	-0.010374	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-7.80	-0.009409	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-6.60	-0.007961	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-7.90	-0.009530	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.90	-0.004704	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.70	-0.003228	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.10	-0.001315	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-6.80	-0.008129	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-2.80	-0.003347	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-8.20	-0.009803	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-6.10	-0.007227	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-5.50	-0.006517	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-7.90	-0.009360	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-10.10	-0.011967	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-7.30	-0.008649	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-6.70	-0.007938	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-7.60	-0.009005	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-8.00	-0.009479	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-7.10	-0.008565	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-8.70	-0.010495	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-6.00	-0.007238	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-6.80	-0.008203	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-6.20	-0.007479	±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	-7.40	-0.008926	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-4.10	-0.004901	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.80	-0.004543	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-5.70	-0.006814	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-7.20	-0.008607	±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	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-8.90	-0.010545	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-6.00	-0.007109	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-6.80	-0.008057	±2.5	PASS



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Band5	10MHz	16QAM	20600	50RB#0	NV	10	-7.00	-0.008294	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-8.00	-0.009479	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-0.80	-0.000948	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-3.50	-0.004147	±2.5	PASS



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