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Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

For ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#2	23.52	16.37	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.69	16.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.48	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.61	16.46	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.88	16.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.66	16.51	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.70	15.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.59	16.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.68	16.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.48	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.61	16.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.53	16.38	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.76	16.61	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.61	15.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.44	16.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.70	16.55	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.68	16.53	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.65	16.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.80	16.65	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.59	16.44	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.71	15.56	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.89	14.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.32	14.17	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.81	14.66	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.64	14.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.60	14.45	38.45	PASS



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Band5	1.4MHz	64QAM	20407	3RB#3	21.63	14.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.81	13.66	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.25	14.1	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.16	15.01	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.58	14.43	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.56	14.41	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.68	14.53	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.68	14.53	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.72	13.57	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.74	14.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.67	14.52	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.49	14.34	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.65	14.5	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.71	14.56	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.73	14.58	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.61	13.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.93	15.78	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.36	15.21	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.83	15.68	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.68	15.53	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.63	15.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.62	15.47	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.78	14.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.25	15.1	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.20	16.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.55	15.4	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.60	15.45	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.67	15.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.69	15.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.73	14.58	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.74	15.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.67	15.52	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.47	15.32	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	22.68	15.53	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.69	15.54	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.74	15.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.65	14.5	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.55	16.4	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.55	16.4	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.72	16.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.68	15.53	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.71	15.56	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.62	15.47	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.72	15.57	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.66	16.51	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.63	16.48	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.65	16.5	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.63	15.48	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.81	15.66	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.76	15.61	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.73	15.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.70	16.55	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.74	16.59	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.67	16.52	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.68	15.53	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.72	15.57	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.83	15.68	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.78	15.63	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.36	14.21	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.35	15.2	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.78	14.63	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.75	13.6	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.73	13.58	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.51	13.36	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.67	13.52	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.00	14.85	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#14	22.05	14.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.74	14.59	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.61	13.46	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.59	13.44	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.61	13.46	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.72	13.57	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.52	14.37	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.62	14.47	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.13	14.98	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.67	13.52	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.71	13.56	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.79	13.64	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.80	13.65	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.33	15.18	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.32	16.17	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.84	15.69	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.77	14.62	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.78	14.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.52	14.37	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.70	14.55	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.99	15.84	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.04	15.89	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.71	15.56	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.61	14.46	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.62	14.47	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.61	14.46	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.73	14.58	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.55	15.4	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.60	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.09	15.94	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.68	14.53	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.69	14.54	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.80	14.65	38.45	PASS



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		T	•		T		1	
Band5	3MHz	16QAM	20635	15RB#0	21.77	14.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.62	16.47	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.44	16.29	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.71	15.56	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.61	15.46	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.53	16.38	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.51	16.36	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.73	15.58	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.78	15.63	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.72	15.57	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.79	15.64	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.57	16.42	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.65	16.5	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.52	16.37	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.67	15.52	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.74	15.59	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.62	15.47	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.61	15.46	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.68	14.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.66	14.51	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.05	14.9	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.67	13.52	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.70	13.55	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.90	14.75	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.29	14.14	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.58	14.43	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.79	13.64	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	20.60	13.45	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.69	13.54	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.66	13.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.88	14.73	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.66	14.51	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.76	14.61	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.63	13.48	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.63	13.48	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.58	13.43	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.61	13.46	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.72	15.57	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.71	15.56	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.09	15.94	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.66	14.51	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.71	14.56	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.94	15.79	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.33	15.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.54	15.39	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.75	14.6	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.66	14.51	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.70	14.55	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.86	15.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.62	15.47	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.78	15.63	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.59	14.44	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.64	14.49	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.58	14.43	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.63	14.48	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.79	16.64	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.72	16.57	38.45	PASS



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Band5	10MHz	QPSK	20450	1RB#49	23.55	16.4	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.03	15.88	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.80	15.65	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.64	16.49	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.71	16.56	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.59	16.44	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.84	15.69	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.79	15.64	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.70	15.55	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.83	15.68	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.71	16.56	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.76	16.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.60	16.45	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.02	15.87	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.78	15.63	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.83	15.68	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.84	15.69	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.52	14.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.94	14.79	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.77	14.62	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.73	13.58	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.84	13.69	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.82	13.67	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.89	14.74	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.59	14.44	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.96	14.81	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.86	13.71	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.86	13.71	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.83	13.68	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.79	13.64	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	22.04	14.89	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.97	14.82	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.68	14.53	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.68	13.53	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.72	13.57	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.84	13.69	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.44	15.29	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.97	15.82	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.76	15.61	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.87	14.72	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.73	14.58	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.19	16.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.93	15.78	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.79	15.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.79	14.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.74	14.59	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.72	14.57	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.81	14.66	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.50	15.35	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.82	15.67	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.91	15.76	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.70	14.55	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.76	14.61	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.64	14.49	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.89	14.74	38.45	PASS



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For ANT2:

For ANT2:										
Band	Bandwidth	Modulation	Channel	RB	Conducted	ERP	Limit	Verdict		
Dana	Danawiani	Wieddialien	Onamo	Configuration	Power(dBm)	(dBm)	(dBm)	Voluiot		
Band5	1.4MHz	QPSK	20407	1RB#2	23.35	16.86	38.45	PASS		
Band5	1.4MHz	QPSK	20407	1RB#0	23.68	17.19	38.45	PASS		
Band5	1.4MHz	QPSK	20407	1RB#5	23.32	16.83	38.45	PASS		
Band5	1.4MHz	QPSK	20407	3RB#0	23.54	17.05	38.45	PASS		
Band5	1.4MHz	QPSK	20407	3RB#1	23.49	17	38.45	PASS		
Band5	1.4MHz	QPSK	20407	3RB#3	23.57	17.08	38.45	PASS		
Band5	1.4MHz	QPSK	20407	6RB#0	22.65	16.16	38.45	PASS		
Band5	1.4MHz	QPSK	20525	1RB#0	23.35	16.86	38.45	PASS		
Band5	1.4MHz	QPSK	20525	1RB#2	23.49	17	38.45	PASS		
Band5	1.4MHz	QPSK	20525	1RB#5	23.41	16.92	38.45	PASS		
Band5	1.4MHz	QPSK	20525	3RB#0	23.51	17.02	38.45	PASS		
Band5	1.4MHz	QPSK	20525	3RB#3	23.57	17.08	38.45	PASS		
Band5	1.4MHz	QPSK	20525	3RB#1	23.51	17.02	38.45	PASS		
Band5	1.4MHz	QPSK	20525	6RB#0	22.62	16.13	38.45	PASS		
Band5	1.4MHz	QPSK	20643	1RB#2	23.41	16.92	38.45	PASS		
Band5	1.4MHz	QPSK	20643	1RB#5	23.65	17.16	38.45	PASS		
Band5	1.4MHz	QPSK	20643	1RB#0	23.41	16.92	38.45	PASS		
Band5	1.4MHz	QPSK	20643	3RB#0	23.72	17.23	38.45	PASS		
Band5	1.4MHz	QPSK	20643	3RB#3	23.49	17	38.45	PASS		
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	17.03	38.45	PASS		
Band5	1.4MHz	QPSK	20643	6RB#0	22.59	16.1	38.45	PASS		
Band5	1.4MHz	64QAM	20407	1RB#2	21.99	15.5	38.45	PASS		
Band5	1.4MHz	64QAM	20407	1RB#0	21.92	15.43	38.45	PASS		
Band5	1.4MHz	64QAM	20407	1RB#5	21.47	14.98	38.45	PASS		
Band5	1.4MHz	64QAM	20407	3RB#0	21.51	15.02	38.45	PASS		
Band5	1.4MHz	64QAM	20407	3RB#1	21.71	15.22	38.45	PASS		
Band5	1.4MHz	64QAM	20407	3RB#3	21.44	14.95	38.45	PASS		
Band5	1.4MHz	64QAM	20407	6RB#0	20.53	14.04	38.45	PASS		
Band5	1.4MHz	64QAM	20525	1RB#0	21.62	15.13	38.45	PASS		
Band5	1.4MHz	64QAM	20525	1RB#2	21.59	15.1	38.45	PASS		
Band5	1.4MHz	64QAM	20525	1RB#5	21.33	14.84	38.45	PASS		



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Band5	1.4MHz	64QAM	20525	3RB#0	21.29	14.8	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.46	14.97	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.43	14.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.75	14.26	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.42	14.93	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.66	15.17	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.60	15.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.48	14.99	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.19	14.7	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.36	14.87	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.70	14.21	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.05	16.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.97	16.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.56	16.07	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.72	16.23	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.56	15.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.58	16.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.58	16.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.32	15.83	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.25	15.76	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.48	15.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.49	16	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.76	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.41	15.92	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.69	16.2	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.64	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.45	15.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.25	15.76	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.34	15.85	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.71	15.22	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.60	17.11	38.45	PASS



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Band5	3MHz	QPSK	20415	1RB#0	23.49	17	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.45	16.96	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.56	16.07	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.62	16.13	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.55	16.06	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.57	16.08	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.55	17.06	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.84	17.35	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.54	17.05	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.64	16.15	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.64	16.15	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.61	16.12	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.60	16.11	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.53	17.04	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.89	17.4	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.45	16.96	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.62	16.13	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.63	16.14	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.57	16.08	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.60	16.11	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.93	15.44	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.73	15.24	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.55	15.06	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.60	14.11	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.67	14.18	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.48	13.99	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.49	14	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.67	15.18	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.06	15.57	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.88	15.39	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.56	14.07	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.62	14.13	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.61	14.12	38.45	PASS



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Band5	3MHz	64QAM	20525	15RB#0	20.66	14.17	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.68	15.19	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.86	15.37	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.58	15.09	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.61	14.12	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.55	14.06	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.73	14.24	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.59	14.1	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.97	16.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.72	16.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.61	16.12	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.66	15.17	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.70	15.21	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.53	15.04	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.45	14.96	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.69	16.2	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.06	16.57	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.91	16.42	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.56	15.07	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.64	15.15	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.67	15.18	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.63	15.14	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.68	16.19	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.83	16.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.62	16.13	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.63	15.14	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.53	15.04	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.70	15.21	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.55	15.06	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.42	16.93	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.43	16.94	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.34	16.85	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.56	16.07	38.45	PASS
	_							



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Band5	5MHz	QPSK	20425	12RB#6	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.57	16.08	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.57	16.08	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.41	16.92	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.61	17.12	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.43	16.94	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.50	16.01	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.61	16.12	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.70	16.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.47	16.98	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.47	16.98	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.34	16.85	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.60	16.11	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.63	16.14	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.46	15.97	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.58	15.09	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.47	14.98	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.57	15.08	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.58	14.09	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.55	14.06	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.53	14.04	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.48	13.99	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.20	14.71	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.51	15.02	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.75	15.26	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.52	14.03	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.55	14.06	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.57	14.08	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.57	14.08	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.67	15.18	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.38	14.89	38.45	PASS
	_							



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Band5	5MHz	64QAM	20625	1RB#0	21.68	15.19	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.43	13.94	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.62	14.13	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.37	13.88	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.37	13.88	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.59	16.1	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.49	16	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.61	16.12	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.59	15.1	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.51	15.02	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.56	15.07	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.22	15.73	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.49	16	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.76	16.27	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.54	15.05	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.53	15.04	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.54	15.05	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.63	16.14	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.37	15.88	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.66	16.17	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.42	14.93	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.60	15.11	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.38	14.89	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.38	14.89	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.57	17.08	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.50	17.01	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.55	17.06	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.68	16.19	38.45	PASS



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Band5	10MHz	QPSK	20525	1RB#49	23.51	17.02	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.84	17.35	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.54	17.05	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.69	16.2	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.67	16.18	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.79	16.3	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.60	17.11	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.80	17.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.61	17.12	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.62	16.13	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.65	16.16	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.60	16.11	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.66	16.17	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.74	15.25	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.88	15.39	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.43	14.94	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.63	14.14	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.62	14.13	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.68	14.19	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.68	14.19	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.62	15.13	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.86	15.37	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.72	15.23	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.75	14.26	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.62	14.13	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.53	14.04	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.79	14.3	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.67	15.18	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.47	14.98	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.68	15.19	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.57	14.08	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.56	14.07	38.45	PASS



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Band5	10MHz	64QAM	20600	25RB#0	20.53	14.04	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.71	14.22	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.90	16.41	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.86	16.37	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.55	16.06	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.68	15.19	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.66	15.17	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.54	15.05	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.59	15.1	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.97	16.48	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.13	16.64	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.10	16.61	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.54	15.05	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.53	15.04	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.57	15.08	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.75	15.26	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.92	16.43	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.67	16.18	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.70	16.21	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.64	15.15	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.60	15.11	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.57	15.08	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.65	15.16	38.45	PASS

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]



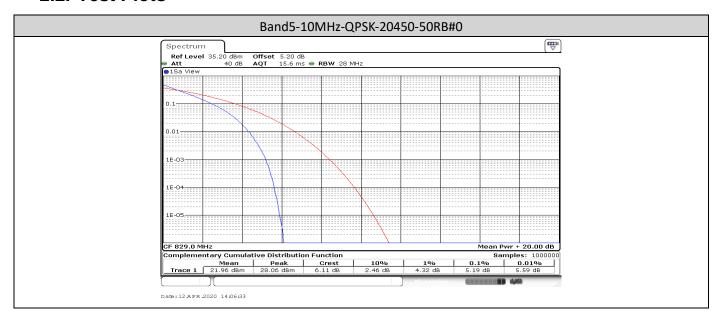
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.33	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.75	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	5.77	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.26	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.86	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.51	13	PASS

2.2. Test Plots

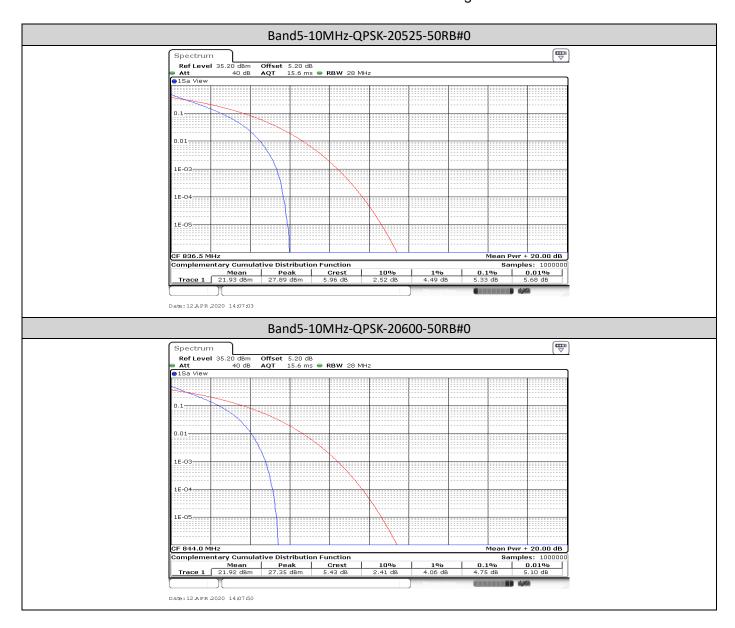




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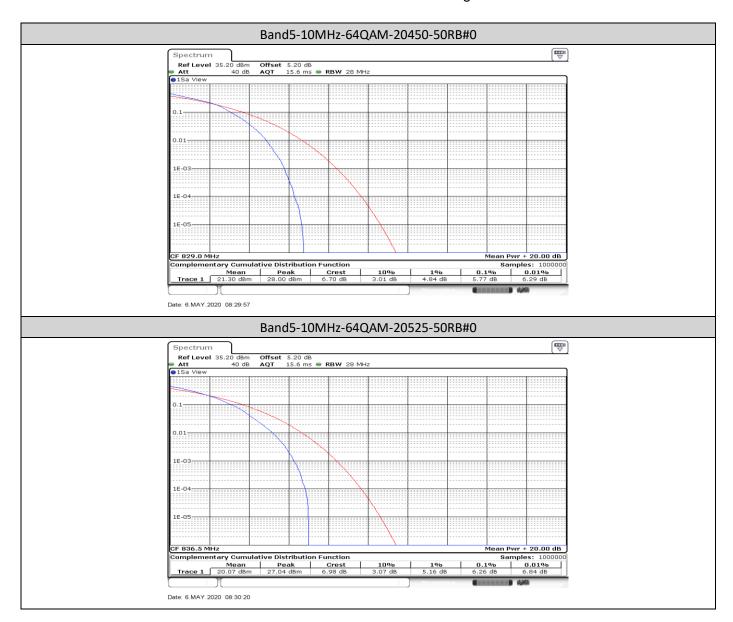
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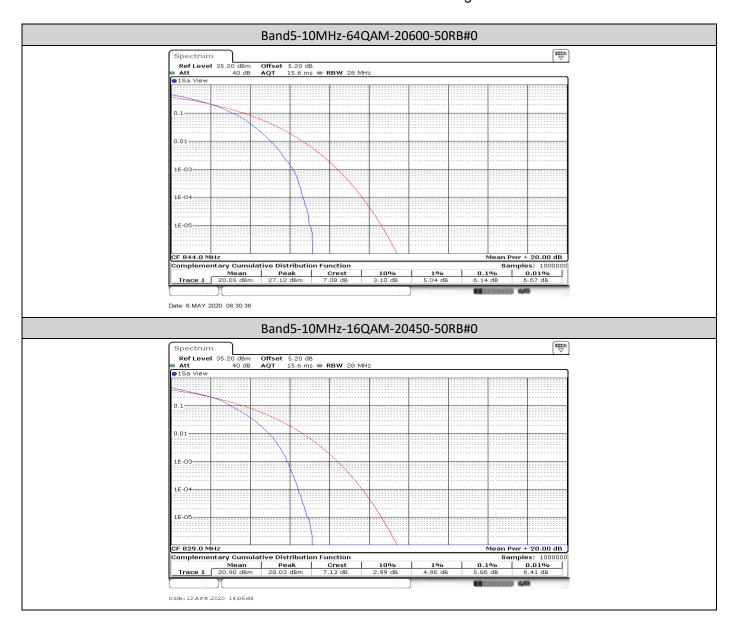


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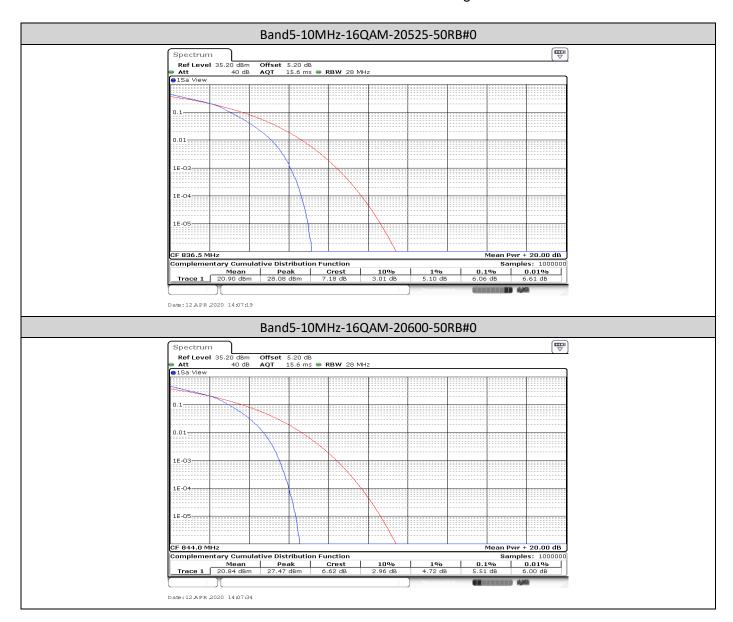


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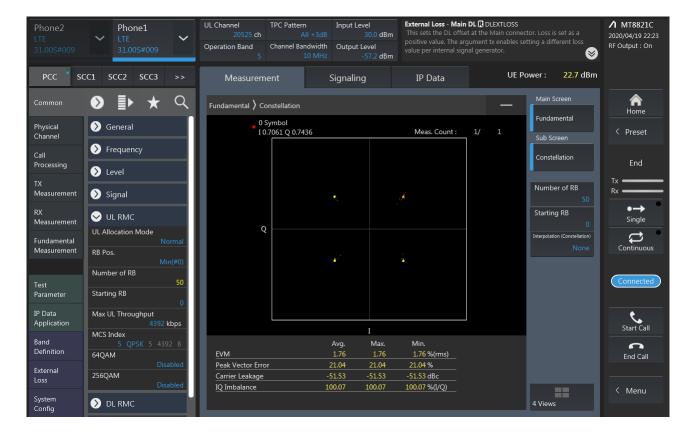


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1.Test Channel = MCH

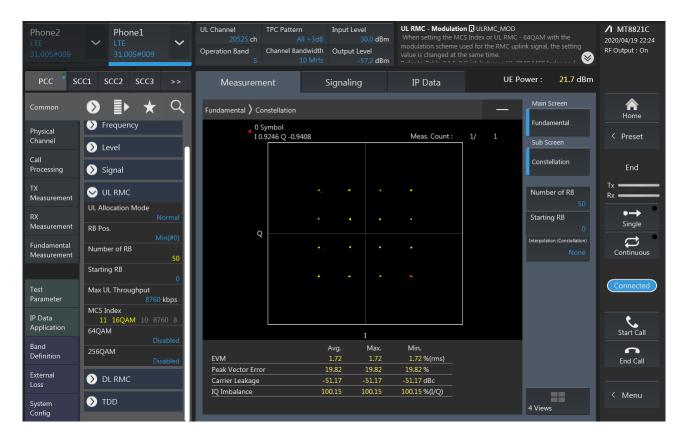




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3.2. Test Mode = LTE /TM2 10MHz

3.2.1.Test Channel = MCH

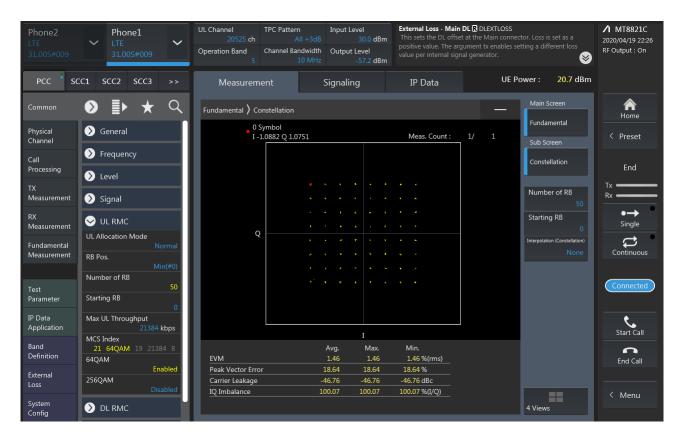




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3.3. Test Mode = LTE /TM3 10MHz

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	1.088	1.284	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.278	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.287	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.278	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.094	1.272	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.124	1.320	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.284	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.685	2.886	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.691	2.892	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.994	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.673	2.862	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.673	2.850	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.673	2.880	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.673	2.874	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.679	2.946	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.790	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.750	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.740	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.730	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.466	4.760	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.770	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.456	4.740	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.740	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.770	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.971	9.420	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.971	9.440	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.971	9.460	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.931	9.660	PASS



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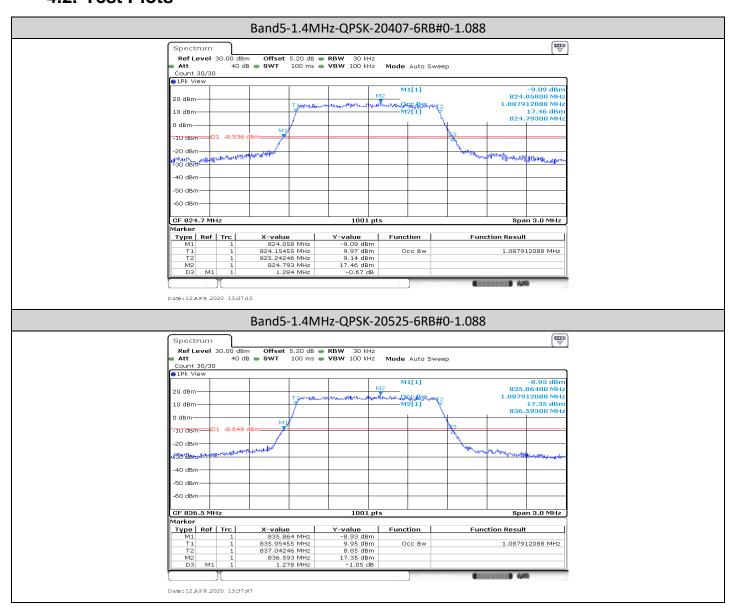


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Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.951	9.360	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.971	9.440	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.971	9.420	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.380	PASS

4.2. Test Plots





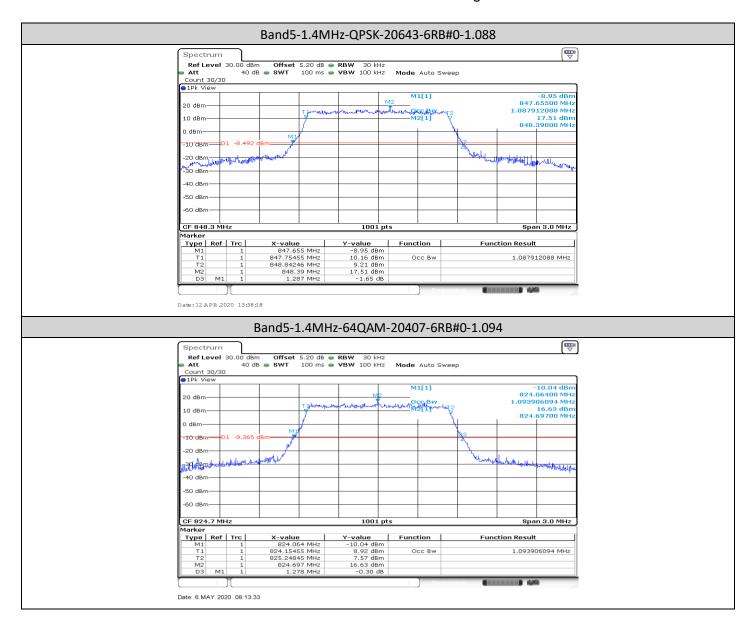
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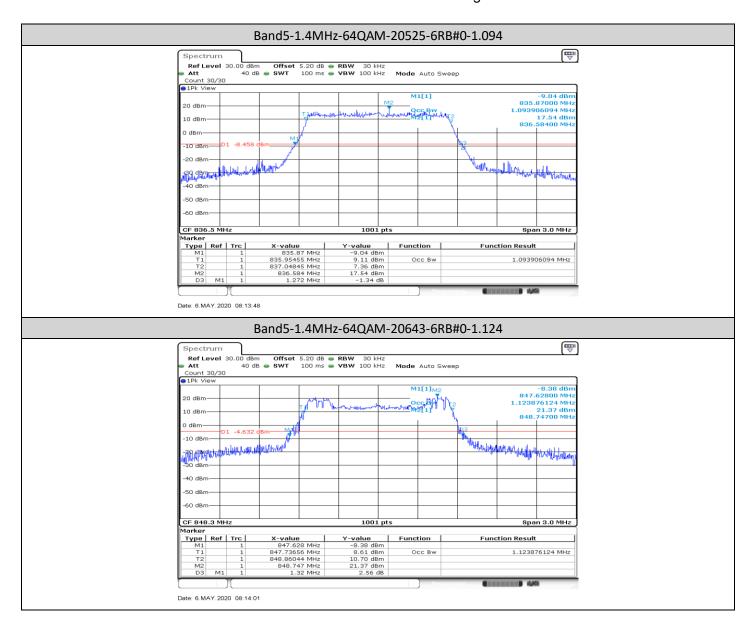
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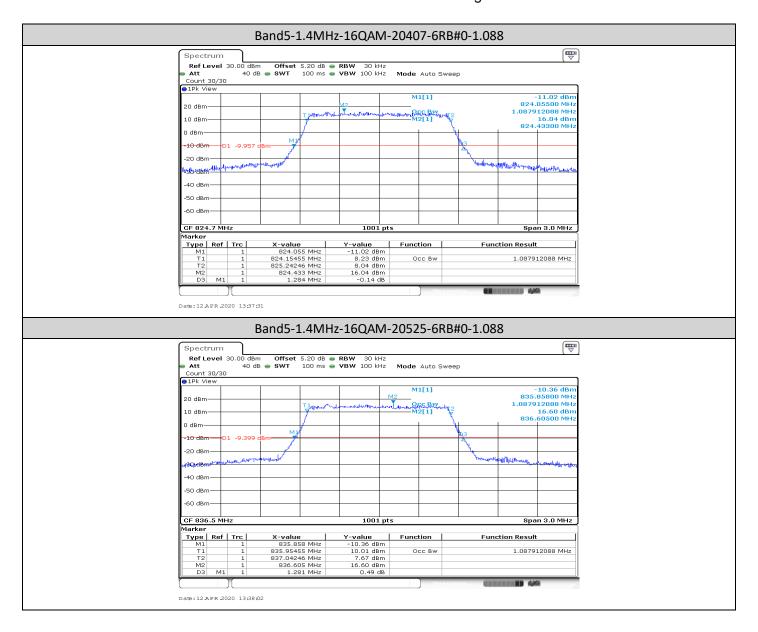
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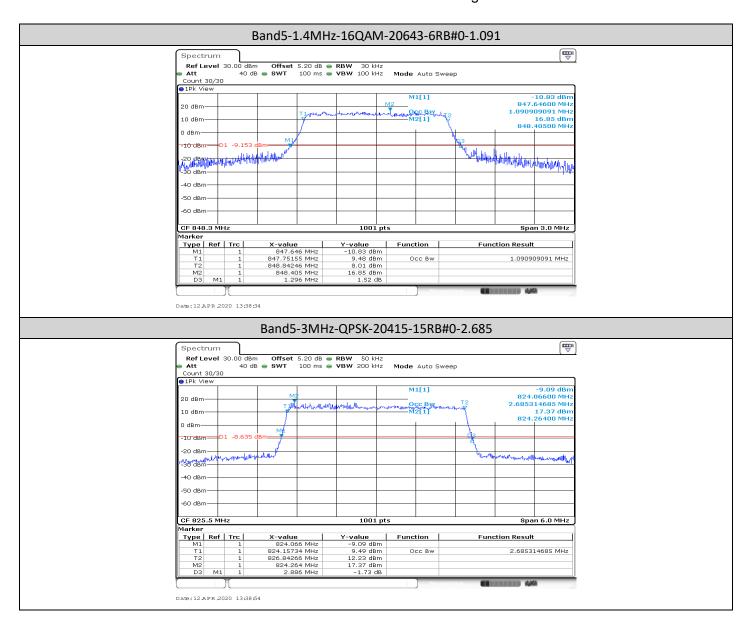
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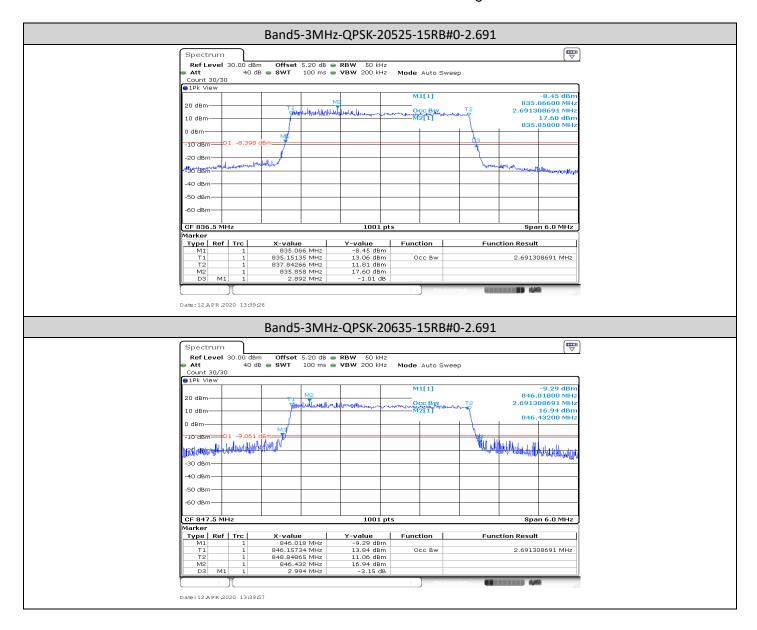






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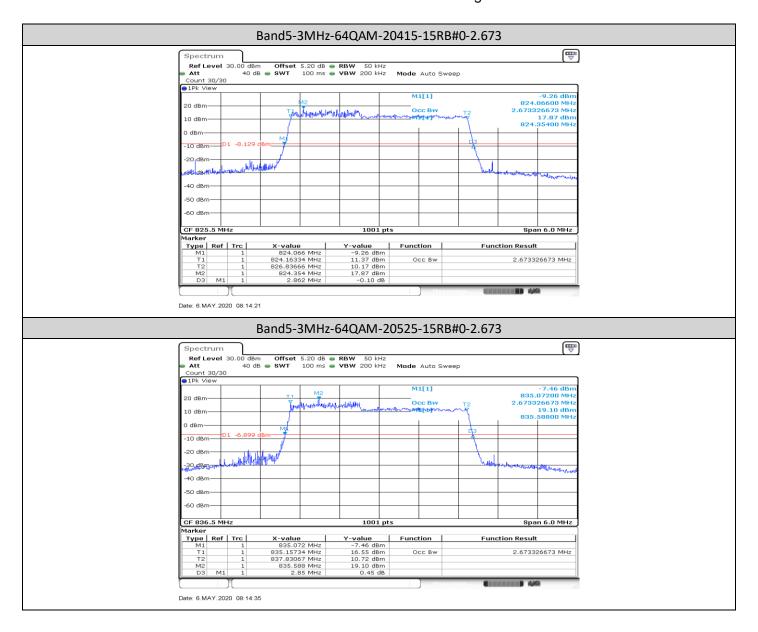






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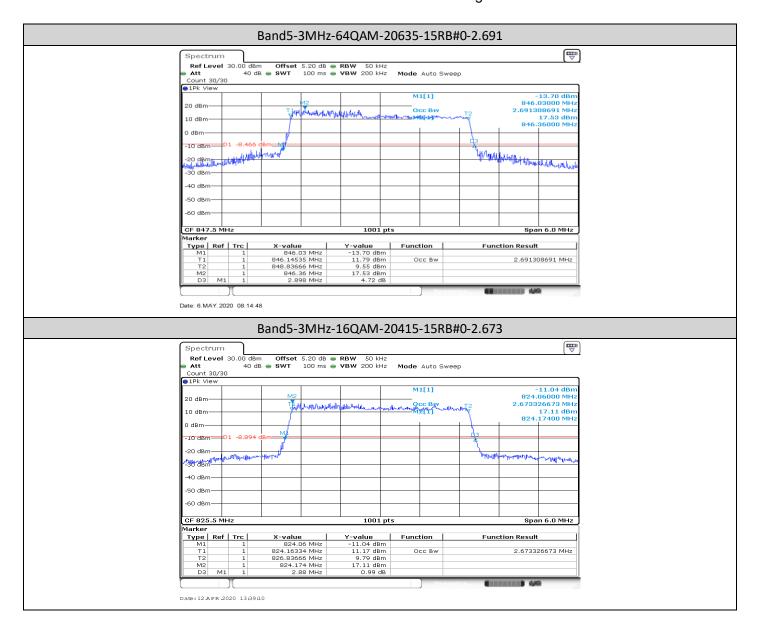
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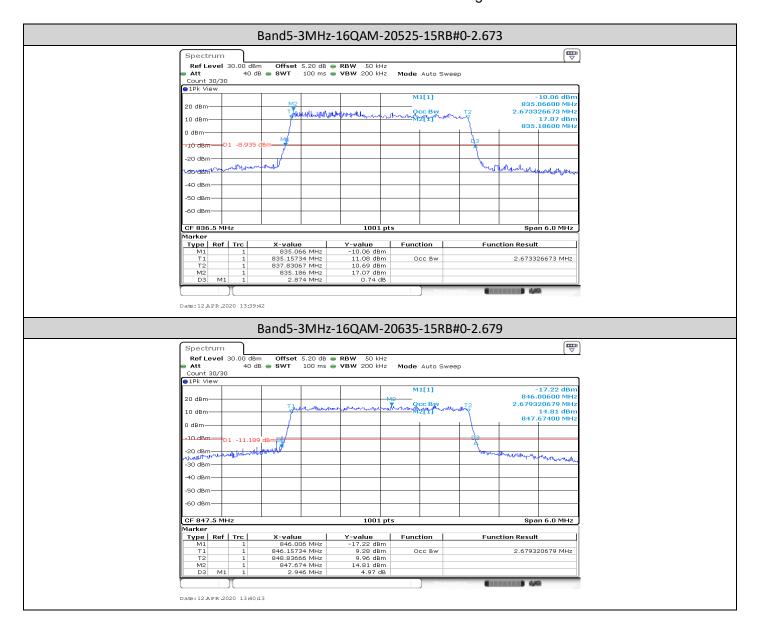
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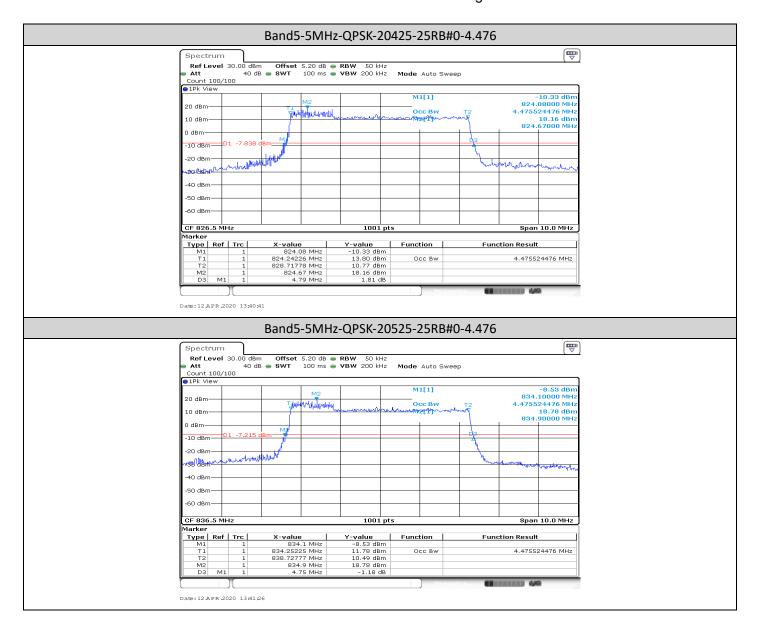
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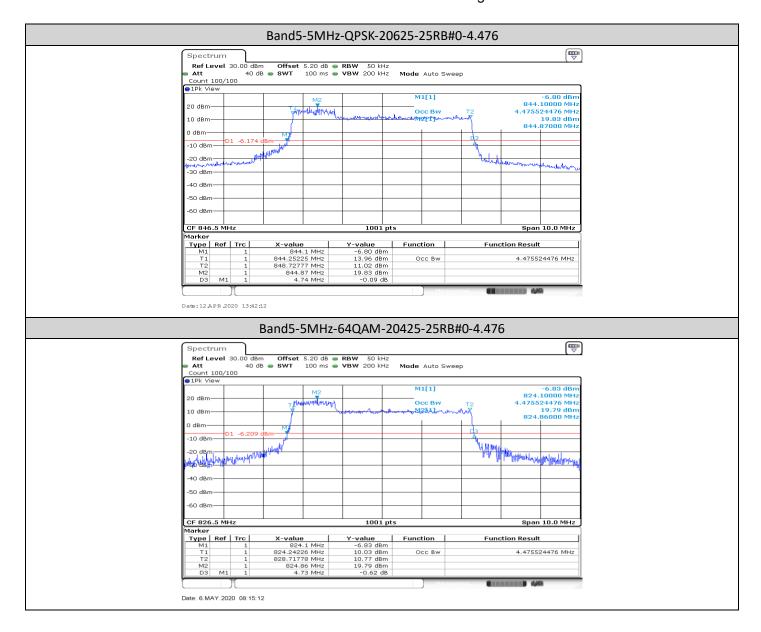
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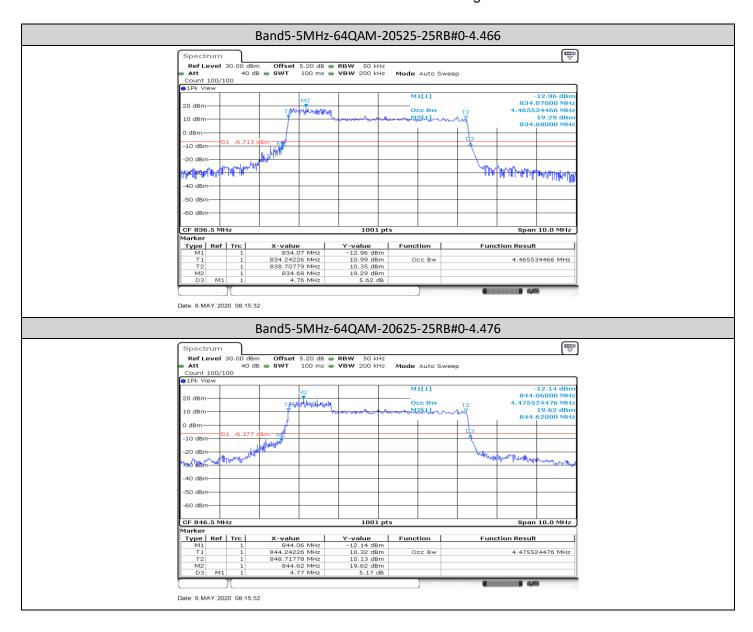
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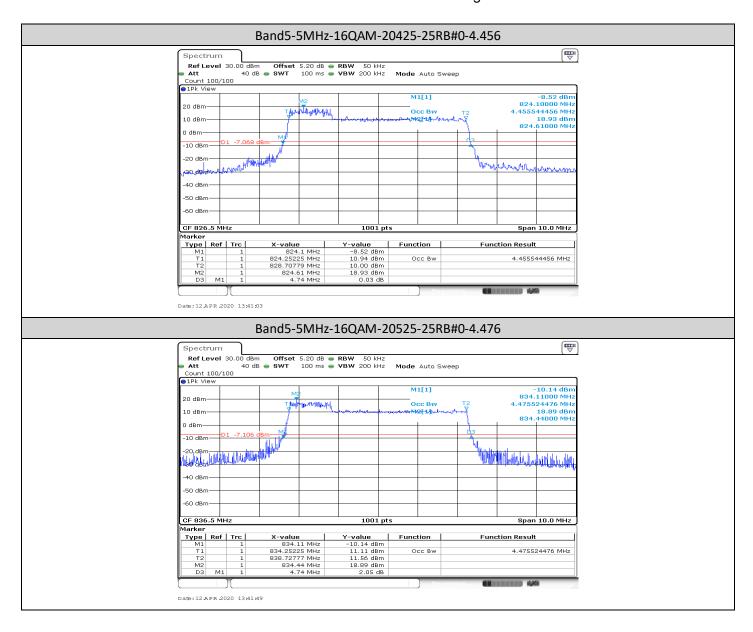






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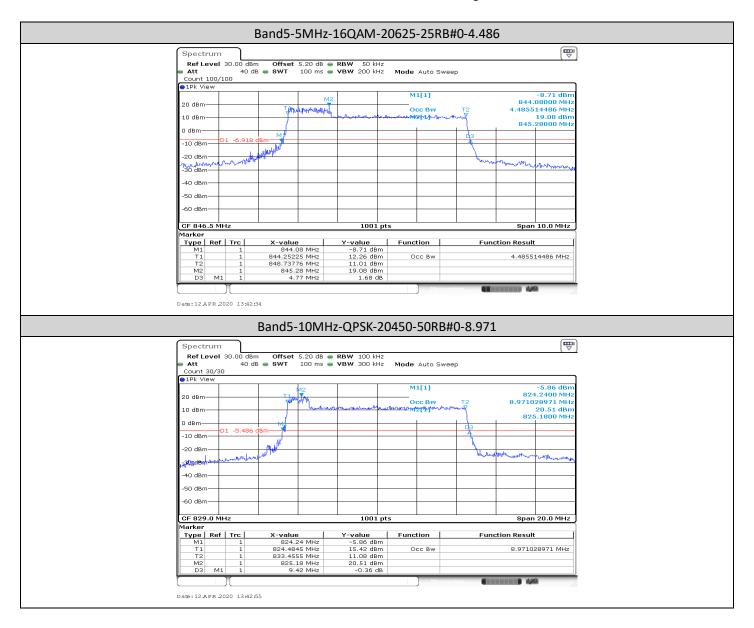
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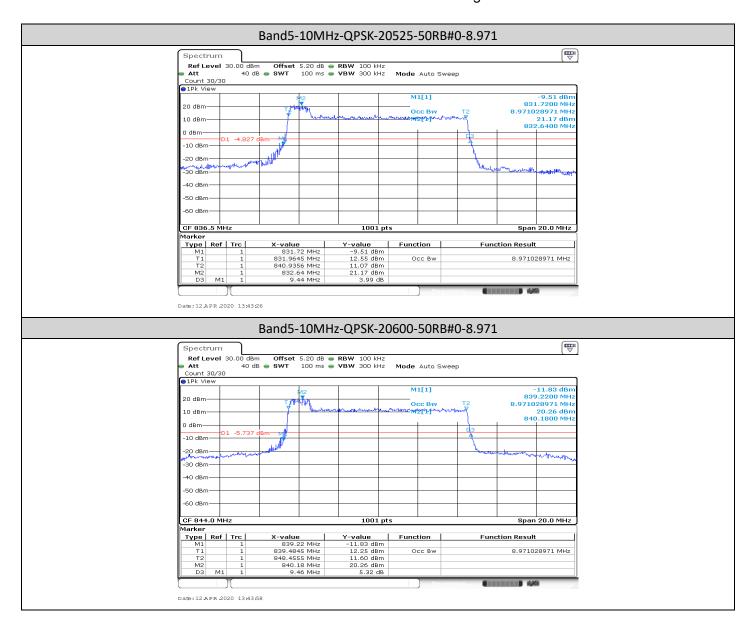
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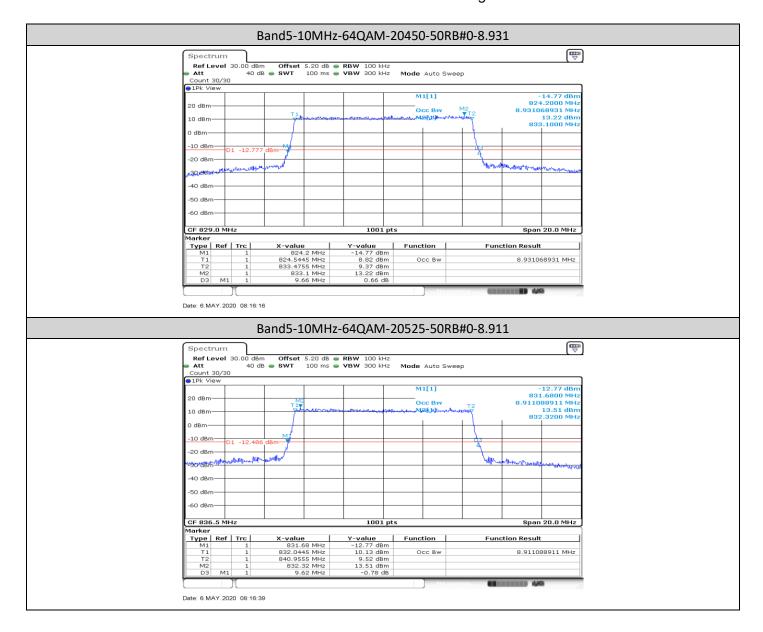
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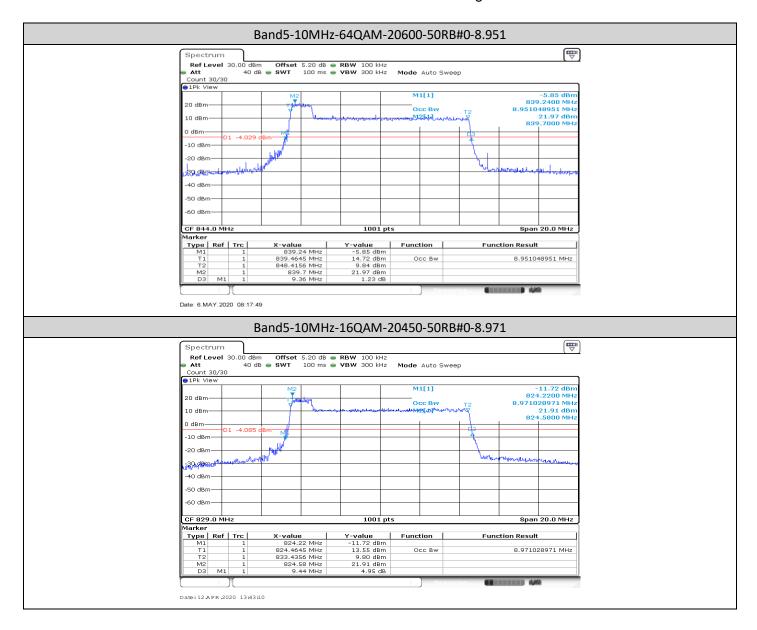
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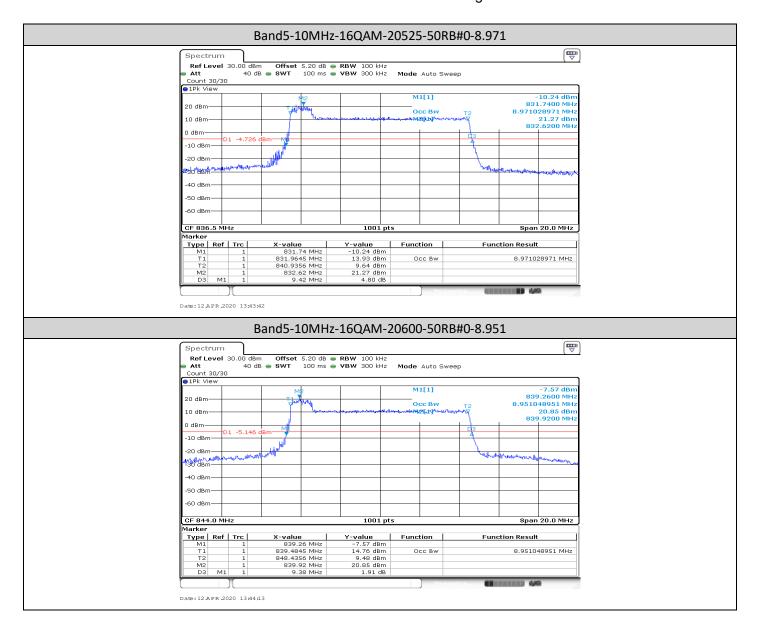
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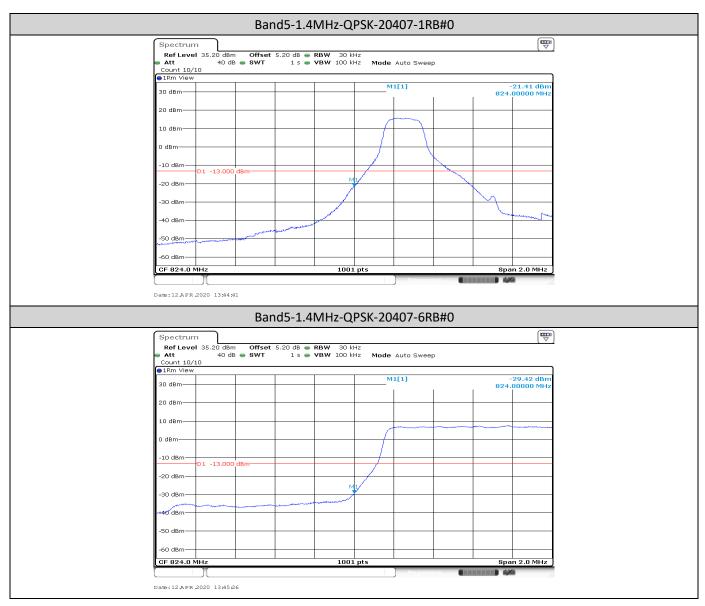
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5. Band Edge Compliance

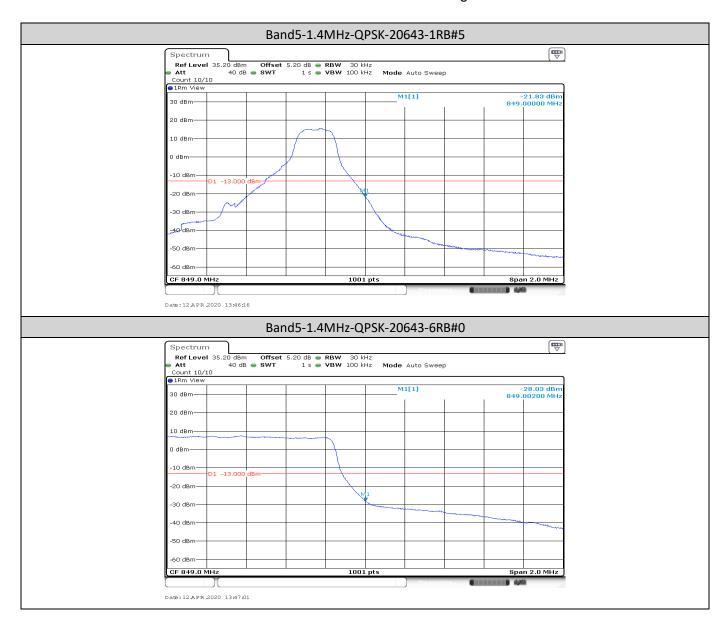
5.1. Test Plots





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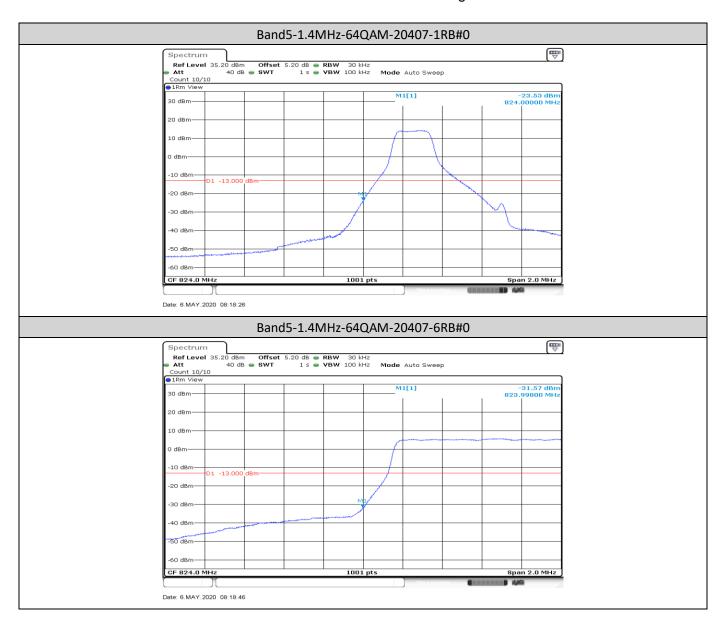
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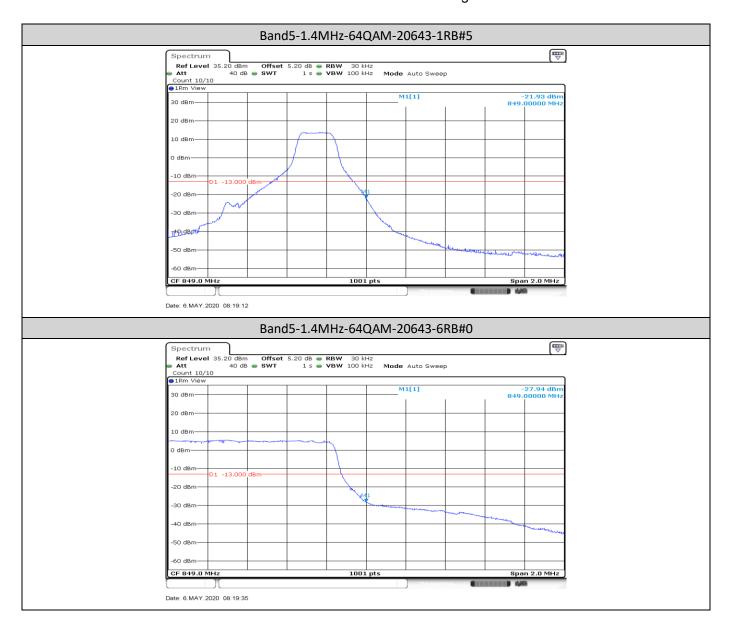
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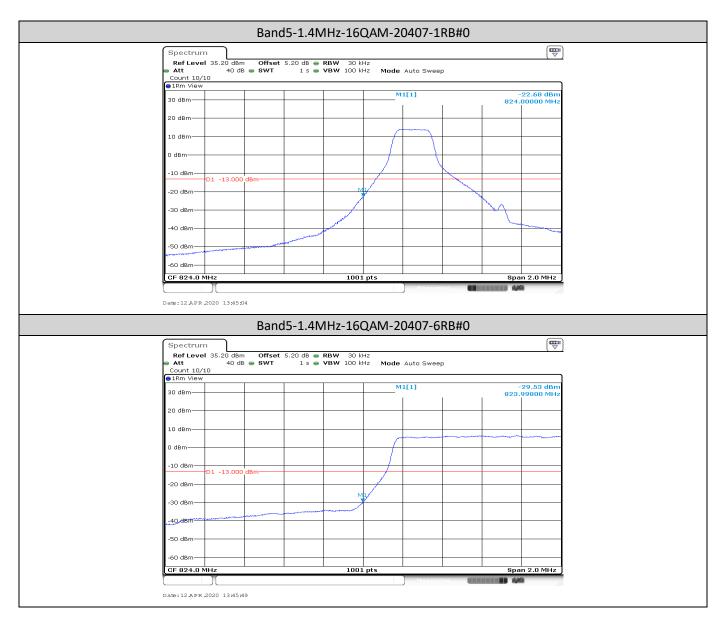
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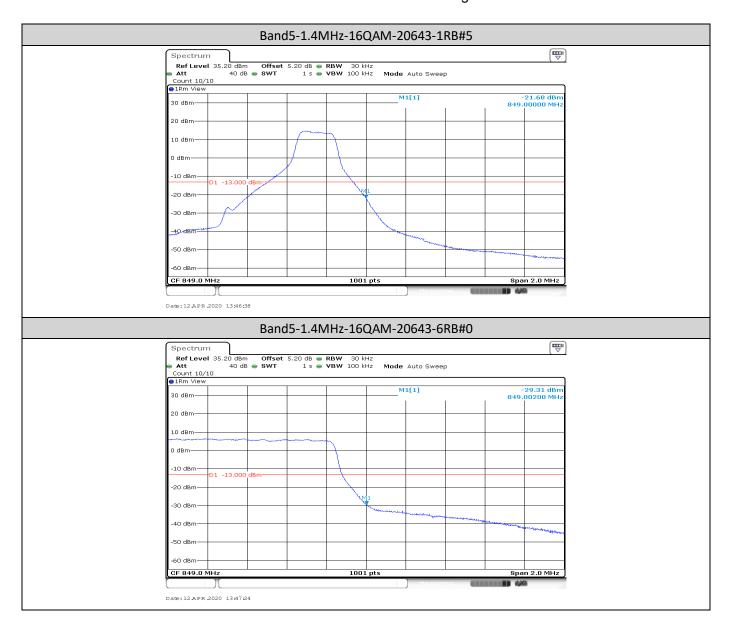
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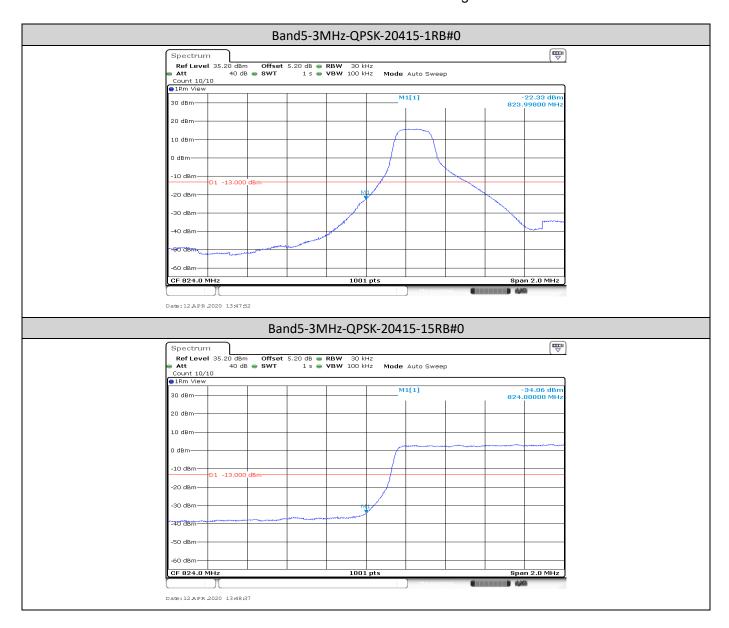
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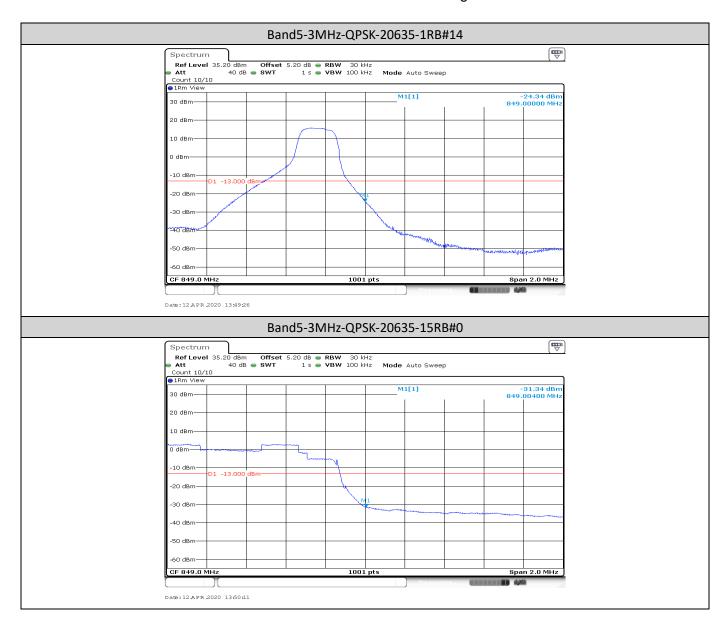
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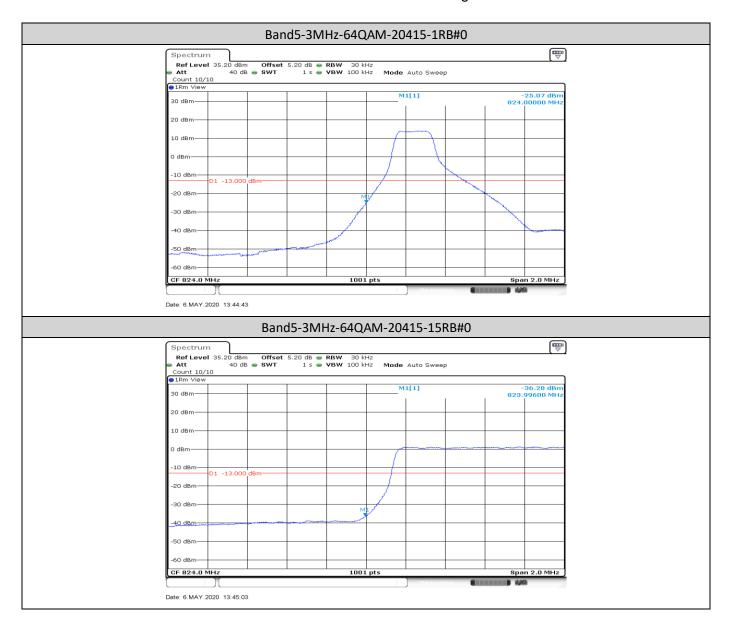
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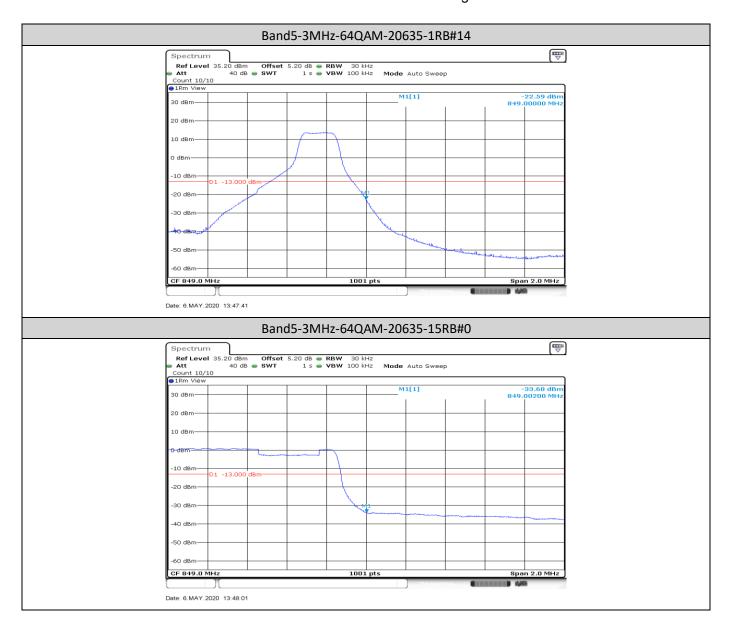
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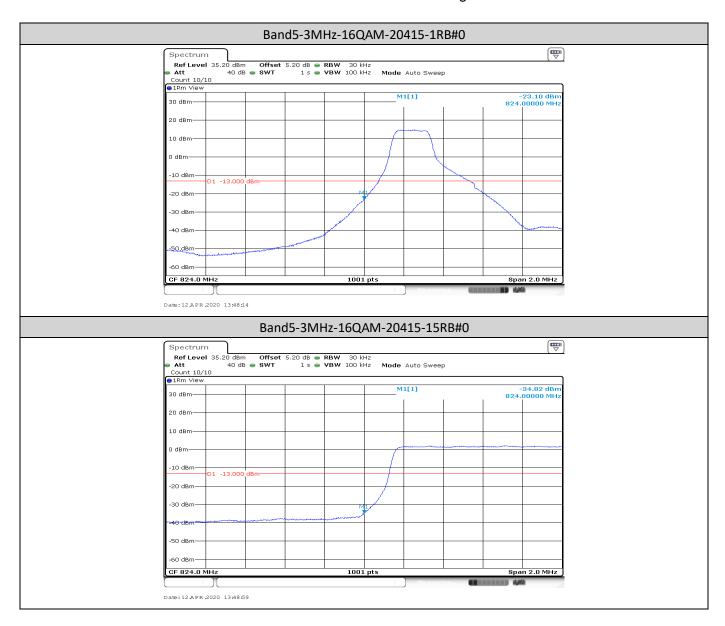
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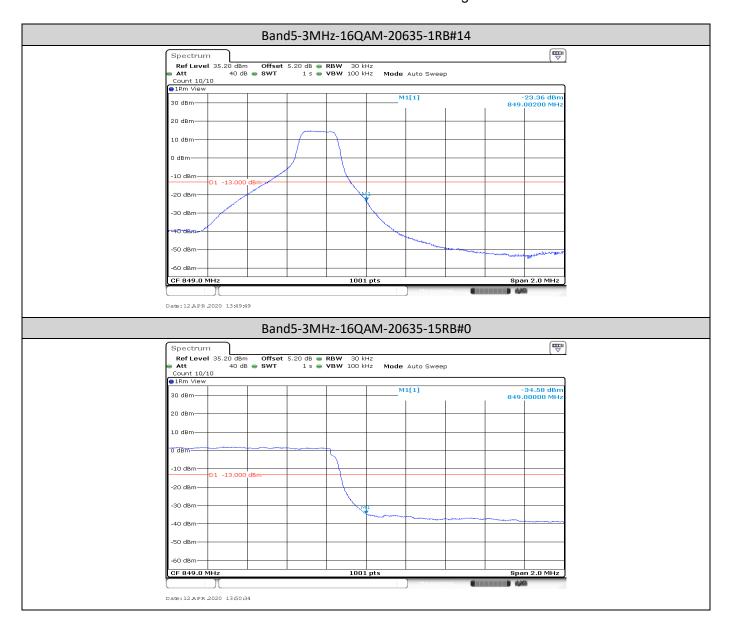
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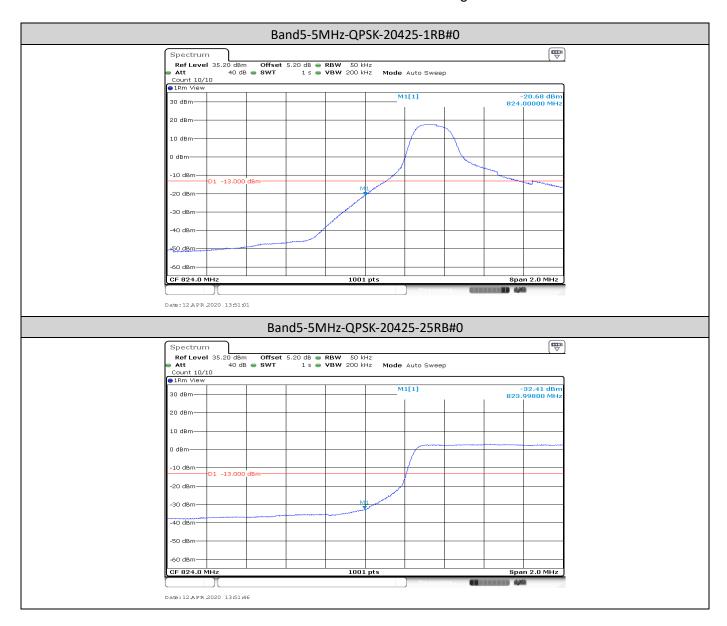
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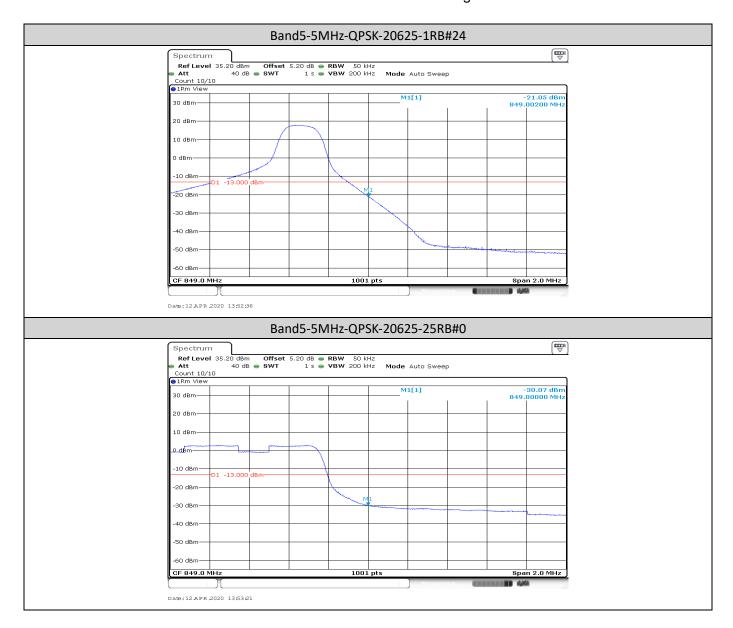
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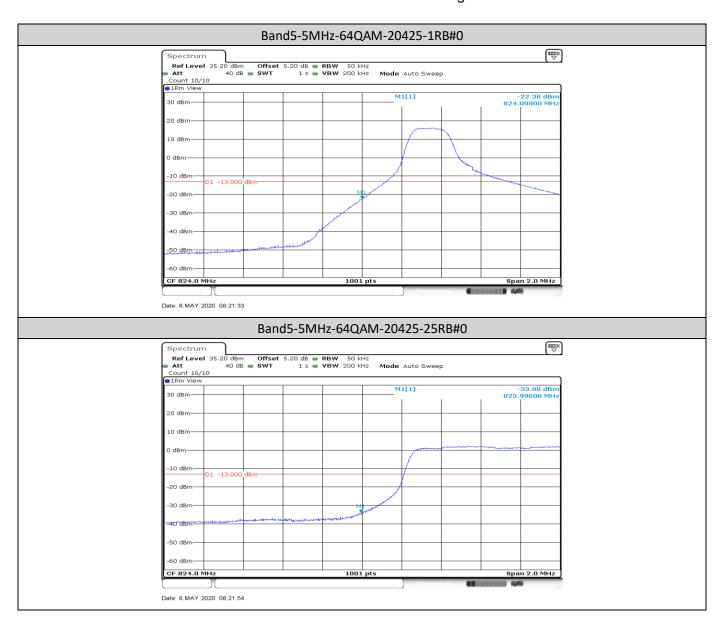
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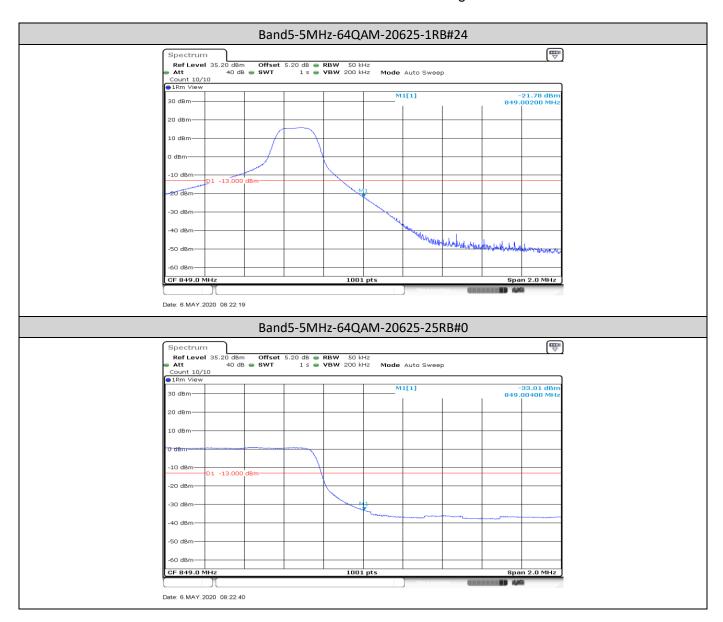
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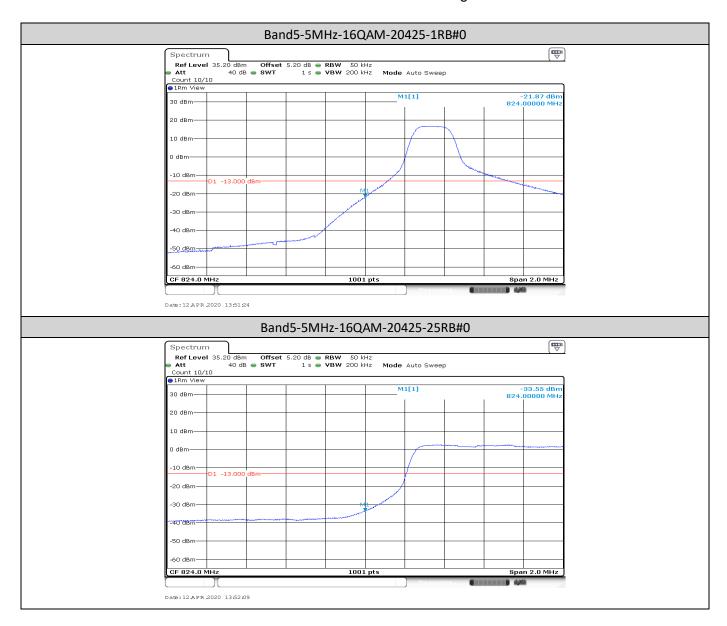
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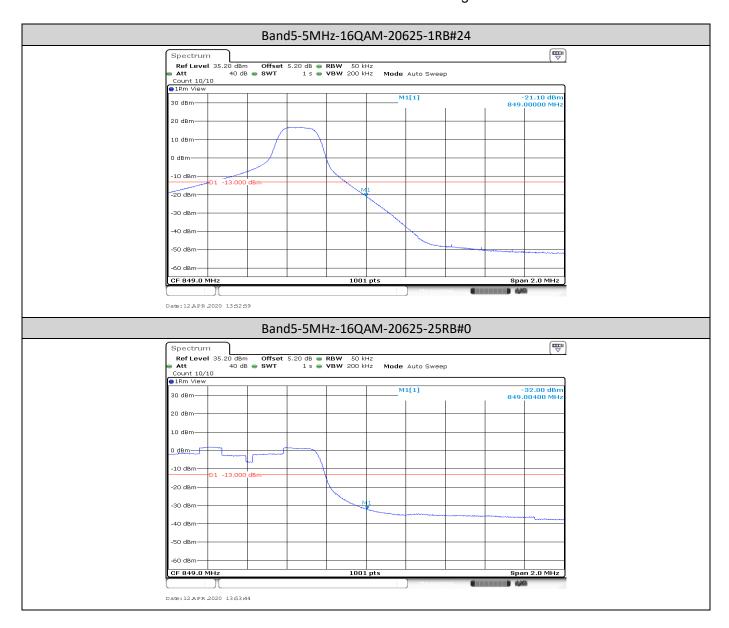
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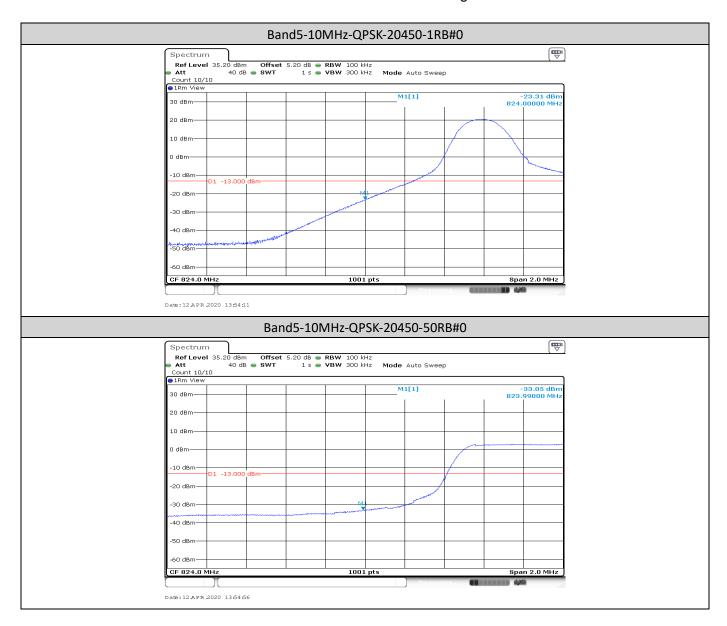
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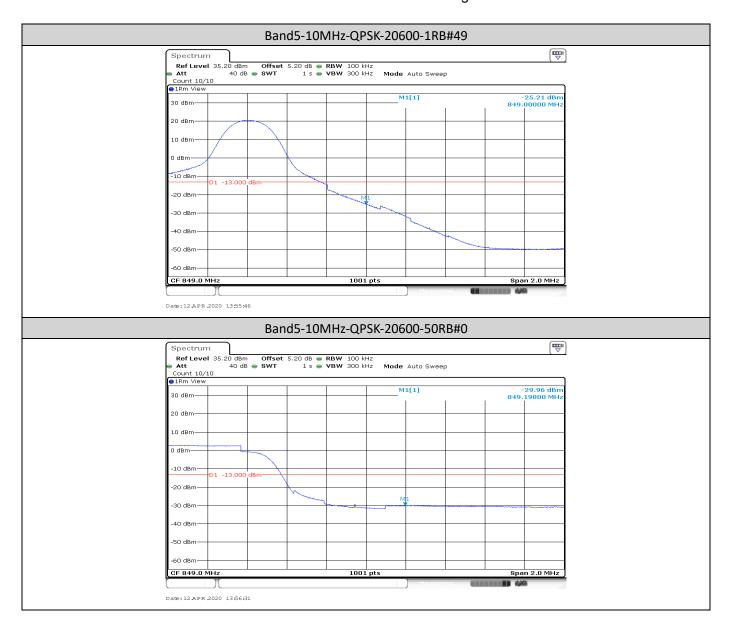
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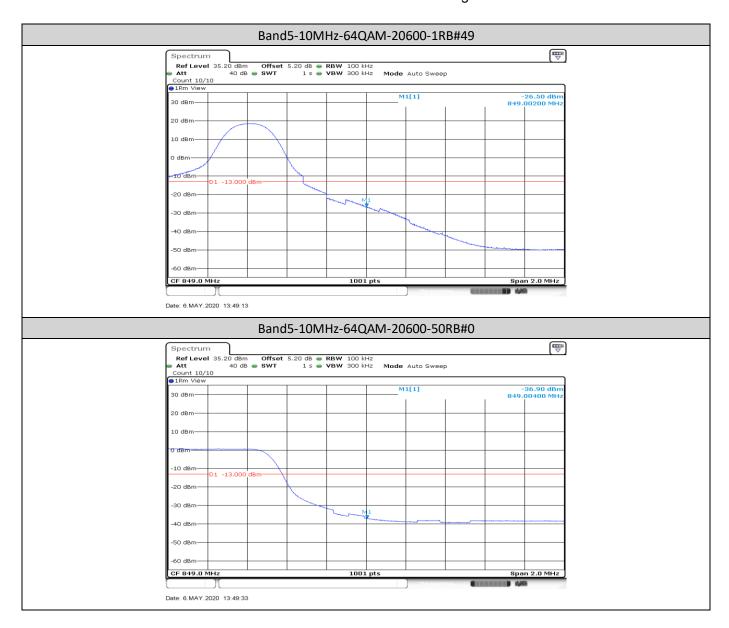
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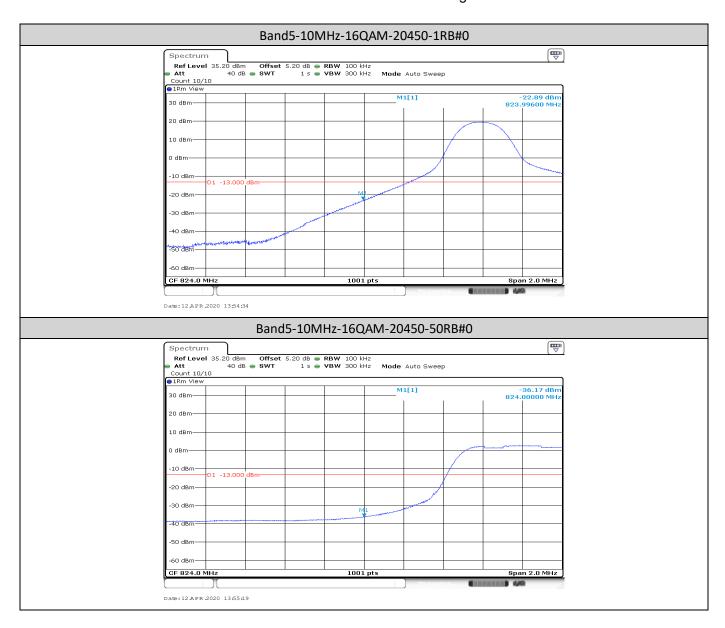
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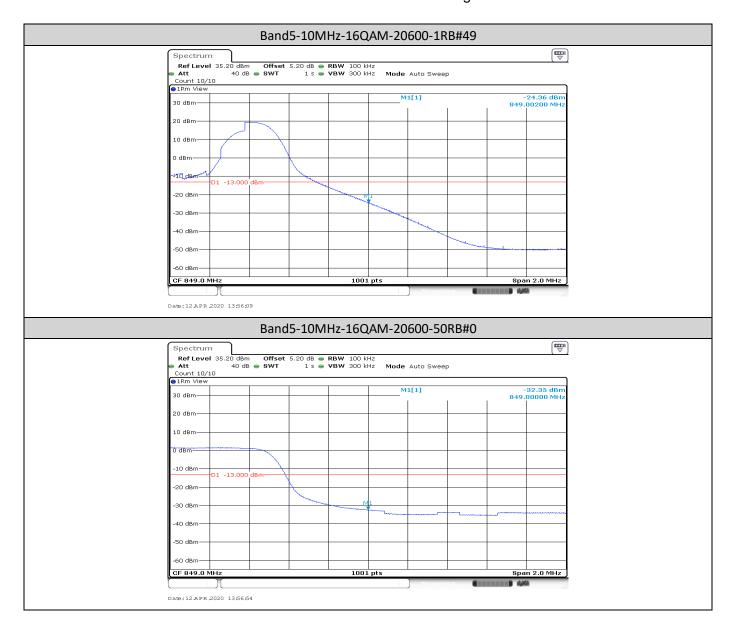
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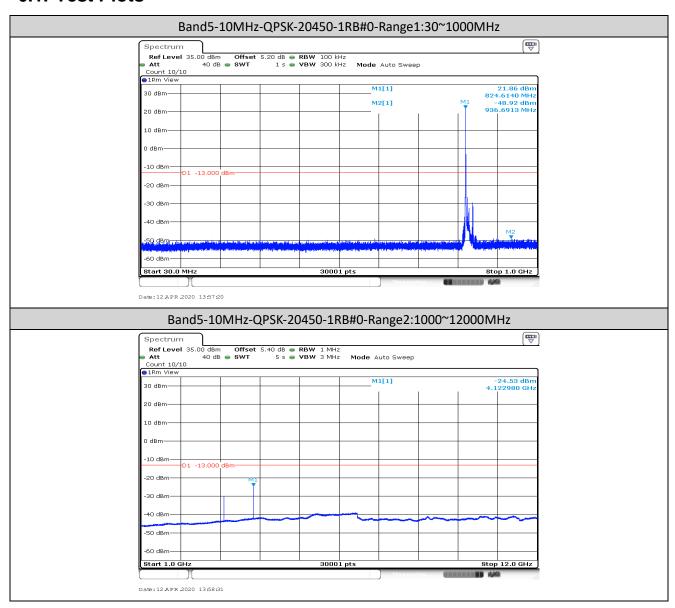
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6. Spurious Emission at Antenna Terminal

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.

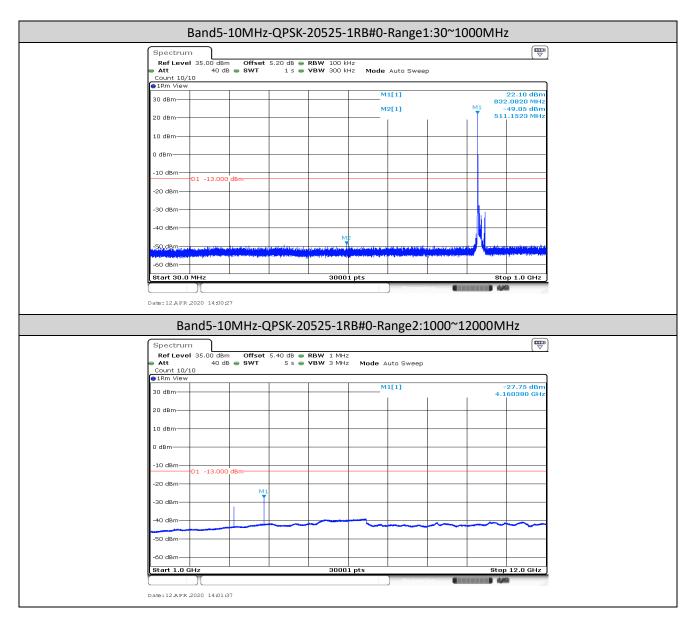
6.1. Test Plots





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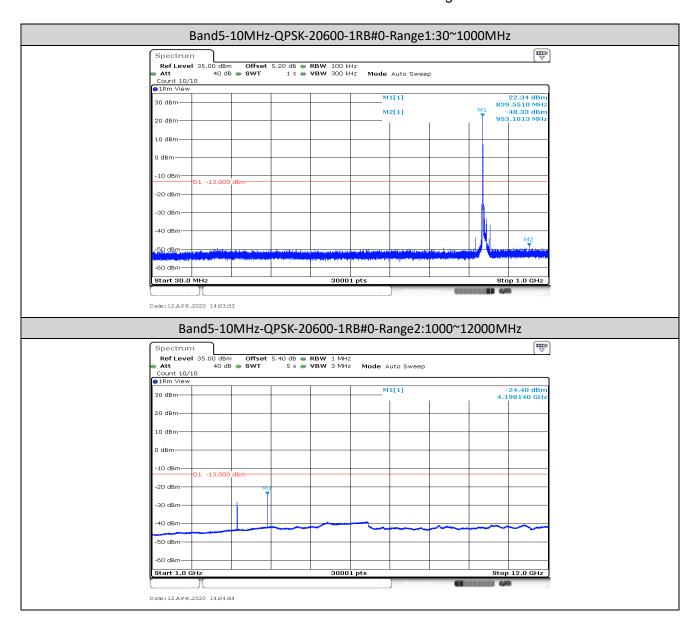
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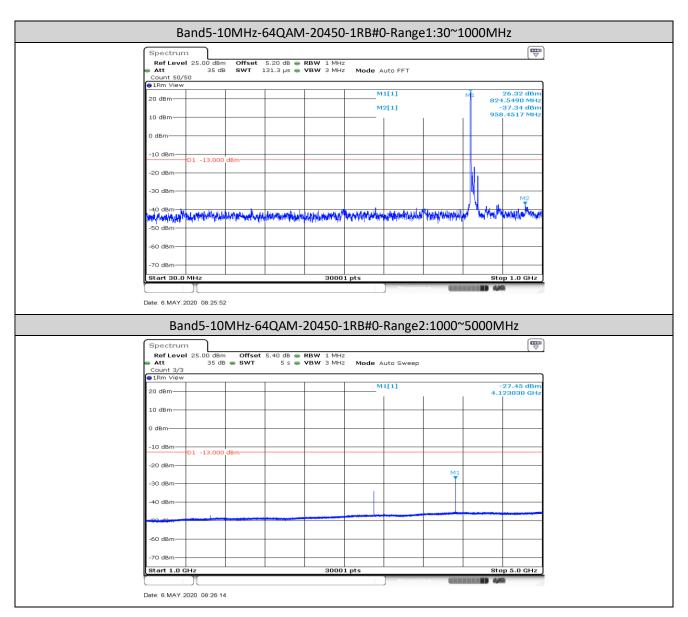
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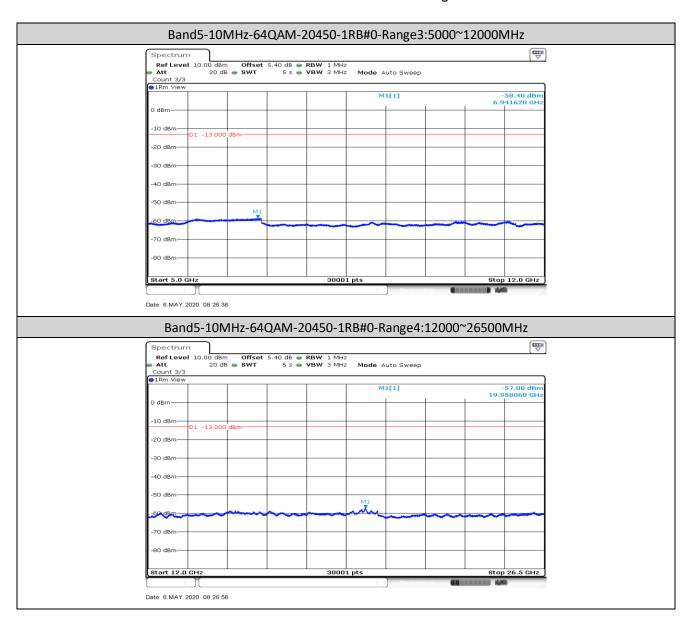
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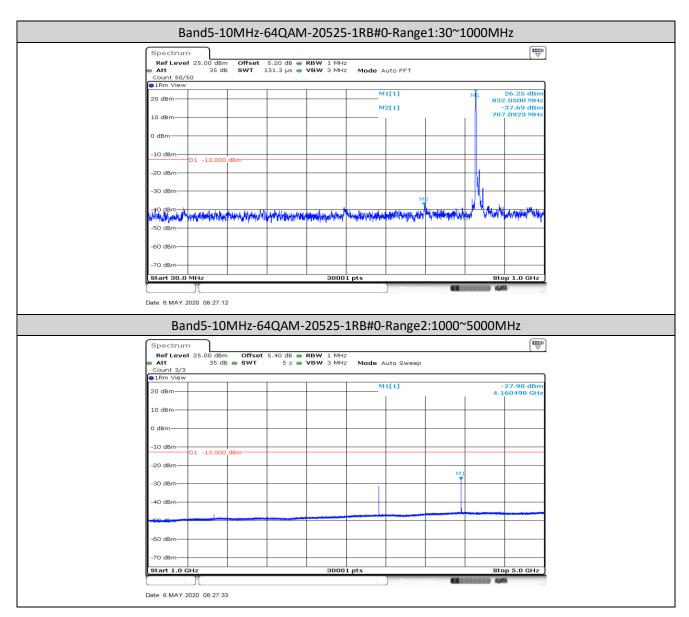
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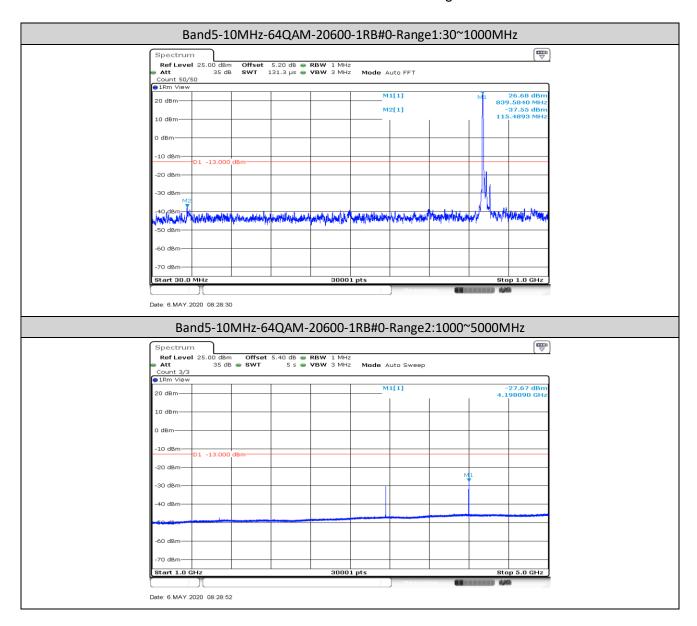
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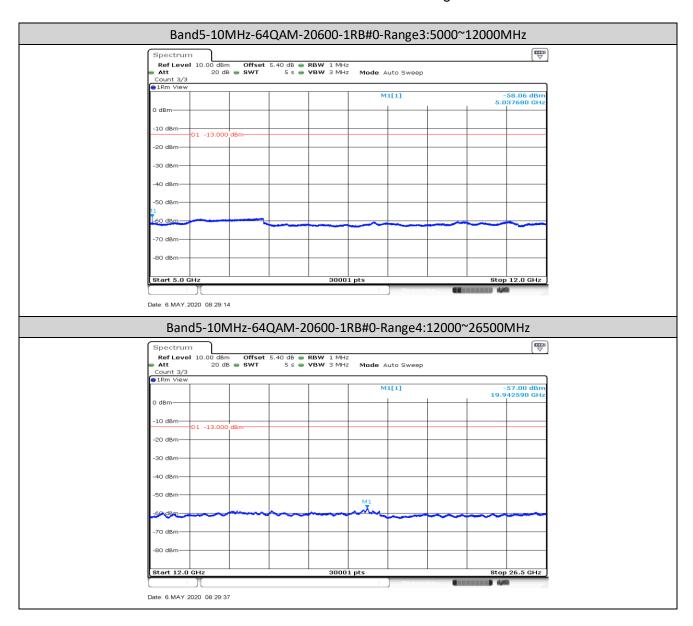
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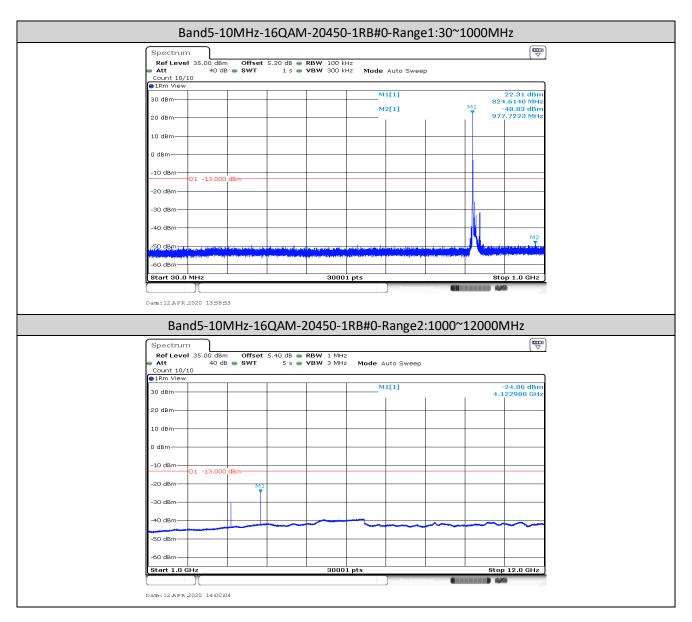
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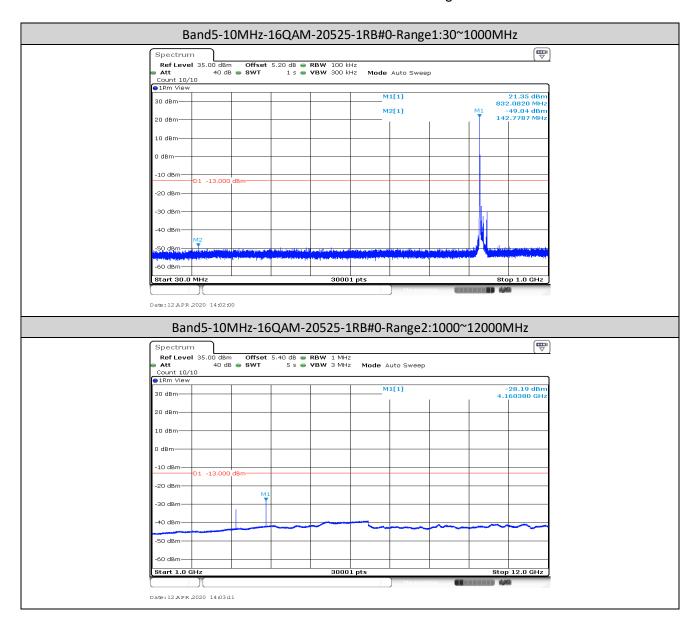
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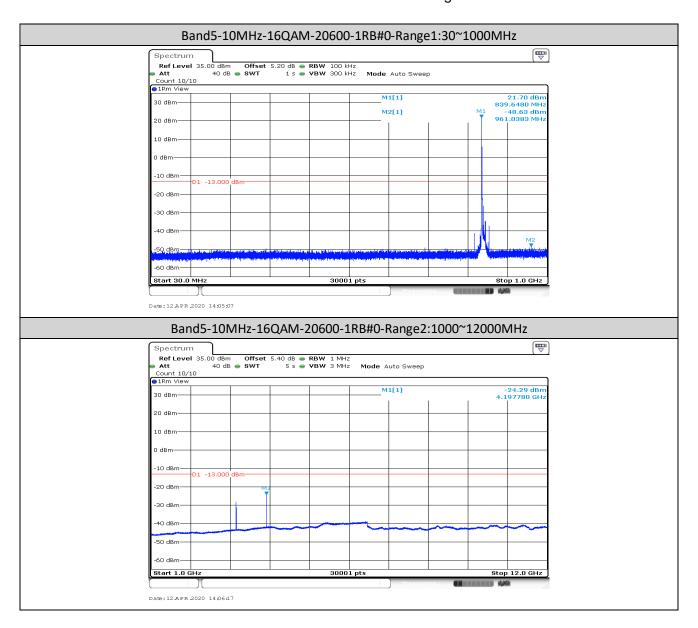
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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1.Test Channel = LCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.113333	-78.27	-13.00	65.27	Vertical
617.154167	-76.49	-13.00	63.49	Vertical
1649.500000	-63.82	-13.00	50.82	Vertical
3298.350000	-56.66	-13.00	43.66	Vertical
4122.712500	-47.03	-13.00	34.03	Vertical
6060.037500	-63.52	-13.00	50.52	Vertical
62.340000	-74.82	-13.00	61.82	Horizontal
621.279167	-76.05	-13.00	63.05	Horizontal
1649.500000	-63.90	-13.00	50.90	Horizontal
3297.862500	-52.83	-13.00	39.83	Horizontal
4122.712500	-41.78	-13.00	28.78	Horizontal
7853.062500	-62.37	-13.00	49.37	Horizontal

7.1.2.Test Channel = MCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
63.366667	-78.84	-13.00	65.84	Vertical	
567.379167	-77.90	-13.00	64.90	Vertical	
1664.000000	-63.68	-13.00	50.68	Vertical	
3328.087500	-54.29	-13.00	41.29	Vertical	
4160.250000	-47.80	-13.00	34.80	Vertical	
6576.300000	-63.49	-13.00	50.49	Vertical	
56.086667	-75.46	-13.00	62.46	Horizontal	
621.233333	-75.22	-13.00	62.22	Horizontal	
1664.000000	-63.07	-13.00	50.07	Horizontal	
3328.087500	-50.66	-13.00	37.66	Horizontal	
4160.250000	-43.93	-13.00	30.93	Horizontal	
6072.225000	-63.59	-13.00	50.59	Horizontal	



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7.1.3.Test Channel = HCH(Down Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
63.833333	-78.88	-13.00	65.88	Vertical	
571.916667	-77.14	-13.00	64.14	Vertical	
1679.000000	-63.62	-13.00	50.62	Vertical	
3358.312500	-47.94	-13.00	34.94	Vertical	
4197.787500	-43.09	-13.00	30.09	Vertical	
5037.262500	-64.62	-13.00	51.62	Vertical	
63.320000	-75.25	-13.00	62.25	Horizontal	
584.979167	-77.13	-13.00	64.13	Horizontal	
1679.000000	-62.83	-13.00	49.83	Horizontal	
3358.312500	-44.00	-13.00	31.00	Horizontal	
4197.787500	-40.25	-13.00	27.25	Horizontal	
7977.375000	-62.03	-13.00	49.03	Horizontal	

7.1.4.Test Channel = LCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.040000	-79.17	-13.00	66.17	Vertical
614.220833	-76.18	-13.00	63.18	Vertical
1648.000000	-64.47	-13.00	51.47	Vertical
3298.350000	-46.34	-13.00	33.34	Vertical
4122.712500	-32.33	-13.00	19.33	Vertical
6050.287500	-63.46	-13.00	50.46	Vertical
63.180000	-75.47	-13.00	62.47	Horizontal
605.787500	-75.82	-13.00	62.82	Horizontal
1649.000000	-64.26	-13.00	51.26	Horizontal
3297.862500	-46.91	-13.00	33.91	Horizontal
4122.712500	-33.30	-13.00	20.30	Horizontal
6029.812500	-63.86	-13.00	50.86	Horizontal



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7.1.5.Test Channel = MCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.086667	-79.11	-13.00	66.11	Vertical
636.037500	-76.77	-13.00	63.77	Vertical
1661.000000	-64.28	-13.00	51.28	Vertical
3328.087500	-48.98	-13.00	35.98	Vertical
4160.250000	-37.27	-13.00	24.27	Vertical
6031.762500	-63.58	-13.00	50.58	Vertical
61.966667	-75.08	-13.00	62.08	Horizontal
622.012500	-75.99	-13.00	62.99	Horizontal
1710.000000	-62.52	-13.00	49.52	Horizontal
3328.087500	-49.94	-13.00	36.94	Horizontal
4160.250000	-37.69	-13.00	24.69	Horizontal
6054.675000	-63.93	-13.00	50.93	Horizontal

7.1.6.Test Channel = HCH(Up Antenna)

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.066667	-78.56	-13.00	65.56	Vertical
612.433333	-76.75	-13.00	63.75	Vertical
1679.000000	-63.69	-13.00	50.69	Vertical
3357.825000	-43.31	-13.00	30.31	Vertical
4197.787500	-33.47	-13.00	20.47	Vertical
6043.462500	-63.41	-13.00	50.41	Vertical
62.946667	-74.67	-13.00	61.67	Horizontal
622.333333	-75.64	-13.00	62.64	Horizontal
1679.000000	-63.70	-13.00	50.70	Horizontal
3358.312500	-43.07	-13.00	30.07	Horizontal
4197.787500	-33.68	-13.00	20.68	Horizontal
6024.937500	-63.48	-13.00	50.48	Horizontal

Remark:

- 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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-10.10	-0.012183	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	1.10	0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-9.30	-0.011118	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-13.60	-0.016405	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-6.30	-0.007600	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-5.20	-0.006216	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-5.00	-0.005977	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-7.80	-0.009242	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-10.00	-0.011848	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-5.60	-0.006635	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-6.70	-0.008082	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-8.00	-0.009650	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-7.20	-0.008685	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-7.20	-0.008685	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-6.10	-0.007358	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-7.90	-0.009530	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-5.50	-0.006575	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-7.40	-0.008846	±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	-13.30	-0.015900	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-9.90	-0.011835	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-6.00	-0.007173	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-6.30	-0.007531	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-9.90	-0.011835	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-6.80	-0.008057	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-6.40	-0.007583	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-5.40	-0.006398	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-7.90	-0.009360	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-5.00	-0.005924	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-6.40	-0.007720	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-10.00	-0.012063	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-9.90	-0.011942	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-6.50	-0.007841	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-10.70	-0.012907	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-5.90	-0.007117	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-11.00	-0.013150	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.60	-0.004265	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	0	-7.40	-0.008846	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-9.20	-0.010998	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-8.40	-0.010042	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-5.60	-0.006695	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-7.50	-0.008966	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-6.20	-0.007412	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.30	-0.005095	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-6.90	-0.008175	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-8.10	-0.009597	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-6.50	-0.007701	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-9.60	-0.011374	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-8.60	-0.010190	±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	-5.00	-0.005924	±2.5	PASS

