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# Appendix B

**E-UTRA BAND 41** 



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#### 1. Effective (Isotropic) Radiated Power

#### 1.1.Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND41	5MHz	QPSK	39715	1RB#0	23.46	27.46	33.00	PASS
BAND41	5MHz	QPSK	39715	15 1RB#12 23.52 27.52 33.00		PASS		
BAND41	5MHz	QPSK	39715	1RB#24	23.39	27.39	33.00	PASS
BAND41	5MHz	QPSK	39715	12RB#0	22.51	26.51	33.00	PASS
BAND41	5MHz	QPSK	39715	12RB#6	22.61	26.61	33.00	PASS
BAND41	5MHz	QPSK	39715	12RB#13	22.61	26.61	33.00	PASS
BAND41	5MHz	QPSK	39715	25RB#0	22.61	26.61	33.00	PASS
BAND41	5MHz	QPSK	40640	1RB#0	23.15	27.15	33.00	PASS
BAND41	5MHz	QPSK	40640	1RB#12	23.11	27.11	33.00	PASS
BAND41	5MHz	QPSK	40640	1RB#24	23.22	27.22	33.00	PASS
BAND41	5MHz	QPSK	40640	12RB#0	22.22	26.22	33.00	PASS
BAND41	5MHz	QPSK	40640	12RB#6	22.21	26.21	33.00	PASS
BAND41	5MHz	QPSK	40640	12RB#13	22.21	26.21	33.00	PASS
BAND41	5MHz	QPSK	40640	25RB#0	22.22	26.22	33.00	PASS
BAND41	5MHz	QPSK	41565	1RB#0	24.09	28.09	33.00	PASS
BAND41	5MHz	QPSK	41565	1RB#12	24.02	28.02	33.00	PASS
BAND41	5MHz	QPSK	41565	1RB#24	24.07	28.07	33.00	PASS
BAND41	5MHz	QPSK	41565	12RB#0	23.14	27.14	33.00	PASS
BAND41	5MHz	QPSK	41565	12RB#6	23.12	27.12	33.00	PASS
BAND41	5MHz	QPSK	41565	12RB#13	23.11	27.11	33.00	PASS
BAND41	5MHz	QPSK	41565	25RB#0	23.12	27.12	33.00	PASS
BAND41	5MHz	64QAM	39715	1RB#0	21.71	25.71	33.00	PASS
BAND41	5MHz	64QAM	39715	1RB#12	22.63	26.63	33.00	PASS
BAND41	5MHz	64QAM	39715	1RB#24	21.62	25.62	33.00	PASS
BAND41	5MHz	64QAM	39715	12RB#0	20.55	24.55	33.00	PASS
BAND41	5MHz	64QAM	39715	12RB#6	20.51	24.51	33.00	PASS
BAND41	5MHz	64QAM	39715	12RB#13	20.58	24.58	33.00	PASS
BAND41	5MHz	64QAM	39715	25RB#0	20.56	24.56	33.00	PASS
BAND41	5MHz	64QAM	40640	1RB#0	21.27	25.27	33.00	PASS
BAND41	5MHz	64QAM	40640	1RB#12	21.28	25.28	33.00	PASS
BAND41	5MHz	64QAM	40640	1RB#24	21.34	25.34	33.00	PASS
BAND41	5MHz	64QAM	40640	12RB#0	20.21	24.21	33.00	PASS
BAND41	5MHz	64QAM	40640	12RB#6	20.17	24.17	33.00	PASS
BAND41	5MHz	64QAM	40640	12RB#13	20.18	24.18	33.00	PASS



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BAND41	5MHz	64QAM	40640	25RB#0	20.21	24.21	33.00	PASS
BAND41	5MHz	64QAM	41565	1RB#0	22.28	26.28	33.00	PASS
BAND41	5MHz	64QAM	41565	1RB#12	22.15	26.15	33.00	PASS
BAND41	5MHz	64QAM	41565	1RB#24	22.16	26.16	33.00	PASS
BAND41	5MHz	64QAM	41565	12RB#0	21.14	25.14	33.00	PASS
BAND41	5MHz	64QAM	41565	12RB#6	21.07	25.07	33.00	PASS
BAND41	5MHz	64QAM	41565	12RB#13	21.06	25.06	33.00	PASS
BAND41	5MHz	64QAM	41565	25RB#0	21.10	25.10	33.00	PASS
BAND41	5MHz	16QAM	39715	1RB#0	22.69	26.69	33.00	PASS
BAND41	5MHz	16QAM	39715	1RB#12	22.73	26.73	33.00	PASS
BAND41	5MHz	16QAM	39715	1RB#24	22.70	26.70	33.00	PASS
BAND41	5MHz	16QAM	39715	12RB#0	21.51	25.51	33.00	PASS
BAND41	5MHz	16QAM	39715	12RB#6	21.45	25.45	33.00	PASS
BAND41	5MHz	16QAM	39715	12RB#13	21.52	25.52	33.00	PASS
BAND41	5MHz	16QAM	39715	25RB#0	21.53	25.53	33.00	PASS
BAND41	5MHz	16QAM	40640	1RB#0	22.18	26.18	33.00	PASS
BAND41	5MHz	16QAM	40640	1RB#12	22.33	26.33	33.00	PASS
BAND41	5MHz	16QAM	40640	1RB#24	22.15	26.15	33.00	PASS
BAND41	5MHz	16QAM	40640	12RB#0	21.18	25.18	33.00	PASS
BAND41	5MHz	16QAM	40640	12RB#6	21.15	25.15	33.00	PASS
BAND41	5MHz	16QAM	40640	12RB#13	21.14	25.14	33.00	PASS
BAND41	5MHz	16QAM	40640	25RB#0	21.14	25.14	33.00	PASS
BAND41	5MHz	16QAM	41565	1RB#0	23.00	27.00	33.00	PASS
BAND41	5MHz	16QAM	41565	1RB#12	23.21	27.21	33.00	PASS
BAND41	5MHz	16QAM	41565	1RB#24	23.18	27.18	33.00	PASS
BAND41	5MHz	16QAM	41565	12RB#0	22.08	26.08	33.00	PASS
BAND41	5MHz	16QAM	41565	12RB#6	22.06	26.06	33.00	PASS
BAND41	5MHz	16QAM	41565	12RB#13	22.01	26.01	33.00	PASS
BAND41	5MHz	16QAM	41565	25RB#0	22.06	26.06	33.00	PASS
BAND41	10MHz	QPSK	39740	1RB#0	23.59	27.59	33.00	PASS
BAND41	10MHz	QPSK	39740	1RB#24	23.52	27.52	33.00	PASS
BAND41	10MHz	QPSK	39740	1RB#49	23.52	27.52	33.00	PASS
BAND41	10MHz	QPSK	39740	25RB#0	22.69	26.69	33.00	PASS
BAND41	10MHz	QPSK	39740	25RB#12	22.62	26.62	33.00	PASS
BAND41	10MHz	QPSK	39740	25RB#25	22.61	26.61	33.00	PASS
BAND41	10MHz	QPSK	39740	50RB#0	22.57	26.57	33.00	PASS
BAND41	10MHz	QPSK	40640	1RB#0	23.21	27.21	33.00	PASS
BAND41	10MHz	QPSK	40640	1RB#24	23.17	27.17	33.00	PASS
BAND41	10MHz	QPSK	40640	1RB#49	23.18	27.18	33.00	PASS
BAND41	10MHz	QPSK	40640	25RB#0	22.22	26.22	33.00	PASS
BAND41	10MHz	QPSK	40640	25RB#12	22.26	26.26	33.00	PASS



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BAND41	10MHz	QPSK	41540	25RB#12	23.15	27.15	33.00	PASS
BAND41	10MHz	QPSK	41540	25RB#0	23.18	27.18	33.00	PASS
BAND41	10MHz	QPSK	41540	25RB#25	23.14	27.14	33.00	PASS
BAND41	10MHz	QPSK	41540	50RB#0	23.09	27.09	33.00	PASS
BAND41	10MHz	64QAM	39740	1RB#0	21.76	25.76	33.00	PASS
BAND41	10MHz	64QAM	39740	1RB#24	21.63	25.63	33.00	PASS
BAND41	10MHz	64QAM	39740	1RB#49	21.62	25.62	33.00	PASS
BAND41	10MHz	64QAM	39740	25RB#0	20.68	24.68	33.00	PASS
BAND41	10MHz	64QAM	39740	25RB#12	20.66	24.66	33.00	PASS
BAND41	10MHz	64QAM	39740	25RB#25	20.60	24.60	33.00	PASS
BAND41	10MHz	64QAM	39740	50RB#0	20.60	24.60	33.00	PASS
BAND41	10MHz	64QAM	40640	1RB#0	21.18	25.18	33.00	PASS
BAND41	10MHz	64QAM	40640	1RB#24	21.16	25.16	33.00	PASS
BAND41	10MHz	64QAM	40640	1RB#49	21.37	25.37	33.00	PASS
BAND41	10MHz	64QAM	40640	25RB#0	20.22	24.22	33.00	PASS
BAND41	10MHz	64QAM	40640	25RB#12	20.26	24.26	33.00	PASS
BAND41	10MHz	64QAM	40640	25RB#25	20.29	24.29	33.00	PASS
BAND41	10MHz	64QAM	40640	50RB#0	20.23	24.23	33.00	PASS
BAND41	10MHz	64QAM	41540	1RB#0	22.13	26.13	33.00	PASS
BAND41	10MHz	64QAM	41540	1RB#24	22.06	26.06	33.00	PASS
BAND41	10MHz	64QAM	41540	1RB#49	22.20	26.20	33.00	PASS
BAND41	10MHz	64QAM	41540	25RB#0	21.13	25.13	33.00	PASS
BAND41	10MHz	64QAM	41540	25RB#12	21.19	25.19	33.00	PASS
BAND41	10MHz	64QAM	41540	25RB#25	21.20	25.20	33.00	PASS
BAND41	10MHz	64QAM	41540	50RB#0	21.14	25.14	33.00	PASS
BAND41	10MHz	16QAM	39740	1RB#0	22.68	26.68	33.00	PASS
BAND41	10MHz	16QAM	39740	1RB#24	22.60	26.60	33.00	PASS
BAND41	10MHz	16QAM	39740	1RB#49	22.53	26.53	33.00	PASS
BAND41	10MHz	16QAM	39740	25RB#0	21.63	25.63	33.00	PASS
BAND41	10MHz	16QAM	39740	25RB#12	21.54	25.54	33.00	PASS
BAND41	10MHz	16QAM	39740	25RB#25	21.57	25.57	33.00	PASS
BAND41	10MHz	16QAM	39740	50RB#0	21.51	25.51	33.00	PASS
BAND41	10MHz	16QAM	40640	1RB#0	22.25	26.25	33.00	PASS
	10MHz	16QAM	40640	1RB#24	22.28	26.28	33.00	PASS
BAND41						_		
BAND41 BAND41	10MHz	16QAM	40640	1RB#49	22.39	26.39	33.00	PASS



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BAND41	10MHz	16QAM	40640	25RB#12	21.26	25.26	33.00	PASS
BAND41	10MHz	16QAM	40640	25RB#25	21.31	25.31	33.00	PASS
BAND41	10MHz	16QAM	40640	50RB#0	21.18	25.18	33.00	PASS
BAND41	10MHz	16QAM	41540	1RB#0	23.44	27.44	33.00	PASS
BAND41	10MHz	16QAM	41540	1RB#24	23.28	27.28	33.00	PASS
BAND41	10MHz	16QAM	41540	1RB#49	23.04	27.04	33.00	PASS
BAND41	10MHz	16QAM	41540	25RB#0	22.13	26.13	33.00	PASS
BAND41	10MHz	16QAM	41540	25RB#12	22.09	26.09	33.00	PASS
BAND41	10MHz	16QAM	41540	25RB#25	22.06	26.06	33.00	PASS
BAND41	10MHz	16QAM	41540	50RB#0	22.05	26.05	33.00	PASS
BAND41	15MHz	QPSK	39765	1RB#0	23.56	27.56	33.00	PASS
BAND41	15MHz	QPSK	39765	1RB#38	23.48	27.48	33.00	PASS
BAND41	15MHz	QPSK	39765	1RB#74	23.37	27.37	33.00	PASS
BAND41	15MHz	QPSK	39765	36RB#0	22.67	26.67	33.00	PASS
BAND41	15MHz	QPSK	39765	36RB#18	22.59	26.59	33.00	PASS
BAND41	15MHz	QPSK	39765	36RB#39	22.51	26.51	33.00	PASS
BAND41	15MHz	QPSK	39765	75RB#0	22.57	26.57	33.00	PASS
BAND41	15MHz	QPSK	40640	1RB#0	23.15	27.15	33.00	PASS
BAND41	15MHz	QPSK	40640	1RB#38	23.22	27.22	33.00	PASS
BAND41	15MHz	QPSK	40640	1RB#74	23.24	27.24	33.00	PASS
BAND41	15MHz	QPSK	40640	36RB#0	22.19	26.19	33.00	PASS
BAND41	15MHz	QPSK	40640	36RB#18	22.23	26.23	33.00	PASS
BAND41	15MHz	QPSK	40640	36RB#39	22.26	26.26	33.00	PASS
BAND41	15MHz	QPSK	40640	75RB#0	22.21	26.21	33.00	PASS
BAND41	15MHz	QPSK	41515	1RB#0	24.10	28.10	33.00	PASS
BAND41	15MHz	QPSK	41515	1RB#38	24.07	28.07	33.00	PASS
BAND41	15MHz	QPSK	41515	1RB#74	24.05	28.05	33.00	PASS
BAND41	15MHz	QPSK	41515	36RB#0	23.14	27.14	33.00	PASS
BAND41	15MHz	QPSK	41515	36RB#18	23.12	27.12	33.00	PASS
BAND41	15MHz	QPSK	41515	36RB#39	23.09	27.09	33.00	PASS
BAND41	15MHz	QPSK	41515	75RB#0	23.09	27.09	33.00	PASS
BAND41	15MHz	64QAM	39765	1RB#0	21.47	25.47	33.00	PASS
BAND41	15MHz	64QAM	39765	1RB#38	21.56	25.56	33.00	PASS
BAND41	15MHz	64QAM	39765	1RB#74	21.61	25.61	33.00	PASS
BAND41	15MHz	64QAM	39765	36RB#0	20.63	24.63	33.00	PASS
BAND41	15MHz	64QAM	39765	36RB#18	20.59	24.59	33.00	PASS
BAND41	15MHz	64QAM	39765	36RB#39	20.53	24.53	33.00	PASS
BAND41	15MHz	64QAM	39765	75RB#0	20.53	24.53	33.00	PASS
BAND41	15MHz	64QAM	40640	1RB#0	21.18	25.18	33.00	PASS
BAND41	15MHz	64QAM	40640	1RB#38	21.28	25.28	33.00	PASS
BAND41	15MHz	64QAM	40640	1RB#74	21.33	25.33	33.00	PASS



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BAND41	15MHz	64QAM	40640	36RB#0	20.20	24.20	33.00	PASS
BAND41	15MHz	64QAM	40640	36RB#18	20.25	24.25	33.00	PASS
BAND41	15MHz	64QAM	40640	36RB#39	20.28	24.28	33.00	PASS
BAND41	15MHz	64QAM	40640	75RB#0	20.19	24.19	33.00	PASS
BAND41	15MHz	64QAM	41515	1RB#0	22.37	26.37	33.00	PASS
BAND41	15MHz	64QAM	41515	1RB#38	22.18	26.18	33.00	PASS
BAND41	15MHz	64QAM	41515	1RB#74	22.10	26.10	33.00	PASS
BAND41	15MHz	64QAM	41515	36RB#0	21.15	25.15	33.00	PASS
BAND41	15MHz	64QAM	41515	36RB#18	21.12	25.12	33.00	PASS
BAND41	15MHz	64QAM	41515	36RB#39	21.09	25.09	33.00	PASS
BAND41	15MHz	64QAM	41515	75RB#0	21.07	25.07	33.00	PASS
BAND41	15MHz	16QAM	39765	1RB#0	22.76	26.76	33.00	PASS
BAND41	15MHz	16QAM	39765	1RB#38	22.69	26.69	33.00	PASS
BAND41	15MHz	16QAM	39765	1RB#74	22.64	26.64	33.00	PASS
BAND41	15MHz	16QAM	39765	36RB#0	21.62	25.62	33.00	PASS
BAND41	15MHz	16QAM	39765	36RB#18	21.59	25.59	33.00	PASS
BAND41	15MHz	16QAM	39765	36RB#39	21.51	25.51	33.00	PASS
BAND41	15MHz	16QAM	39765	75RB#0	21.51	25.51	33.00	PASS
BAND41	15MHz	16QAM	40640	1RB#0	22.10	26.10	33.00	PASS
BAND41	15MHz	16QAM	40640	1RB#38	22.26	26.26	33.00	PASS
BAND41	15MHz	16QAM	40640	1RB#74	22.33	26.33	33.00	PASS
BAND41	15MHz	16QAM	40640	36RB#0	21.17	25.17	33.00	PASS
BAND41	15MHz	16QAM	40640	36RB#18	21.23	25.23	33.00	PASS
BAND41	15MHz	16QAM	40640	36RB#39	21.27	25.27	33.00	PASS
BAND41	15MHz	16QAM	40640	75RB#0	21.16	25.16	33.00	PASS
BAND41	15MHz	16QAM	41515	1RB#0	23.12	27.12	33.00	PASS
BAND41	15MHz	16QAM	41515	1RB#38	23.24	27.24	33.00	PASS
BAND41	15MHz	16QAM	41515	1RB#74	23.16	27.16	33.00	PASS
BAND41	15MHz	16QAM	41515	36RB#0	22.09	26.09	33.00	PASS
BAND41	15MHz	16QAM	41515	36RB#18	22.11	26.11	33.00	PASS
BAND41	15MHz	16QAM	41515	36RB#39	22.08	26.08	33.00	PASS
BAND41	15MHz	16QAM	41515	75RB#0	22.02	26.02	33.00	PASS
BAND41	20MHz	QPSK	39790	1RB#0	23.63	27.63	33.00	PASS
BAND41	20MHz	QPSK	39790	1RB#49	23.47	27.47	33.00	PASS
BAND41	20MHz	QPSK	39790	1RB#99	23.39	27.39	33.00	PASS
BAND41	20MHz	QPSK	39790	50RB#0	22.60	26.60	33.00	PASS
BAND41	20MHz	QPSK	39790	50RB#25	22.51	26.51	33.00	PASS
BAND41	20MHz	QPSK	39790	50RB#50	22.45	26.45	33.00	PASS
BAND41	20MHz	QPSK	39790	100RB#0	22.54	26.54	33.00	PASS
BAND41	20MHz	QPSK	40640	1RB#0	23.14	27.14	33.00	PASS
BAND41	20MHz	QPSK	40640	1RB#49	23.13	27.13	33.00	PASS



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BAND41	20MHz	QPSK	40640	1RB#99	23.42	27.42	33.00	PASS
BAND41	20MHz	QPSK	40640	50RB#0	22.19	26.19	33.00	PASS
BAND41	20MHz	QPSK	40640	50RB#25	22.21	26.21	33.00	PASS
BAND41	20MHz	QPSK	40640	50RB#50	22.25	26.25	33.00	PASS
BAND41	20MHz	QPSK	40640	100RB#0	22.23	26.23	33.00	PASS
BAND41	20MHz	QPSK	41490	1RB#0	24.14	28.14	33.00	PASS
BAND41	20MHz	QPSK	41490	1RB#49	24.04	28.04	33.00	PASS
BAND41	20MHz	QPSK	41490	1RB#99	24.05	28.05	33.00	PASS
BAND41	20MHz	QPSK	41490	50RB#0	23.13	27.13	33.00	PASS
BAND41	20MHz	QPSK	41490	50RB#25	23.09	27.09	33.00	PASS
BAND41	20MHz	QPSK	41490	50RB#50	23.09	27.09	33.00	PASS
BAND41	20MHz	QPSK	41490	100RB#0	23.11	27.11	33.00	PASS
BAND41	20MHz	64QAM	39790	1RB#0	21.76	25.76	33.00	PASS
BAND41	20MHz	64QAM	39790	1RB#49	21.80	25.80	33.00	PASS
BAND41	20MHz	64QAM	39790	1RB#99	21.76	25.76	33.00	PASS
BAND41	20MHz	64QAM	39790	50RB#0	20.58	24.58	33.00	PASS
BAND41	20MHz	64QAM	39790	50RB#25	20.50	24.50	33.00	PASS
BAND41	20MHz	64QAM	39790	50RB#50	20.51	24.51	33.00	PASS
BAND41	20MHz	64QAM	39790	100RB#0	20.49	24.49	33.00	PASS
BAND41	20MHz	64QAM	40640	1RB#0	21.15	25.15	33.00	PASS
BAND41	20MHz	64QAM	40640	1RB#49	21.24	25.24	33.00	PASS
BAND41	20MHz	64QAM	40640	1RB#99	21.48	25.48	33.00	PASS
BAND41	20MHz	64QAM	40640	50RB#0	20.24	24.24	33.00	PASS
BAND41	20MHz	64QAM	40640	50RB#25	20.21	24.21	33.00	PASS
BAND41	20MHz	64QAM	40640	50RB#50	20.26	24.26	33.00	PASS
BAND41	20MHz	64QAM	40640	100RB#0	20.21	24.21	33.00	PASS
BAND41	20MHz	64QAM	41490	1RB#0	22.36	26.36	33.00	PASS
BAND41	20MHz	64QAM	41490	1RB#49	22.18	26.18	33.00	PASS
BAND41	20MHz	64QAM	41490	1RB#99	22.14	26.14	33.00	PASS
BAND41	20MHz	64QAM	41490	50RB#0	21.17	25.17	33.00	PASS
BAND41	20MHz	64QAM	41490	50RB#25	21.12	25.12	33.00	PASS
BAND41	20MHz	64QAM	41490	50RB#50	21.08	25.08	33.00	PASS
BAND41	20MHz	64QAM	41490	100RB#0	21.07	25.07	33.00	PASS
BAND41	20MHz	16QAM	39790	1RB#0	22.70	26.70	33.00	PASS
BAND41	20MHz	16QAM	39790	1RB#49	22.54	26.54	33.00	PASS
BAND41	20MHz	16QAM	39790	1RB#99	22.54	26.54	33.00	PASS
BAND41	20MHz	16QAM	39790	50RB#0	21.56	25.56	33.00	PASS
BAND41	20MHz	16QAM	39790	50RB#25	21.47	25.47	33.00	PASS
BAND41	20MHz	16QAM	39790	50RB#50	21.40	25.40	33.00	PASS
BAND41	20MHz	16QAM	39790	100RB#0	21.47	25.47	33.00	PASS
BAND41	20MHz	16QAM	40640	1RB#0	22.29	26.29	33.00	PASS



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BAND41	20MHz	16QAM	40640	1RB#49	22.35	26.35	33.00	PASS
BAND41	20MHz	16QAM	40640	1RB#99	22.28	26.28	33.00	PASS
BAND41	20MHz	16QAM	40640	50RB#0	21.15	25.15	33.00	PASS
BAND41	20MHz	16QAM	40640	50RB#25	21.19	25.19	33.00	PASS
BAND41	20MHz	16QAM	40640	50RB#50	21.22	25.22	33.00	PASS
BAND41	20MHz	16QAM	40640	100RB#0	21.19	25.19	33.00	PASS
BAND41	20MHz	16QAM	41490	1RB#0	23.29	27.29	33.00	PASS
BAND41	20MHz	16QAM	41490	1RB#49	23.20	27.20	33.00	PASS
BAND41	20MHz	16QAM	41490	1RB#99	23.41	27.41	33.00	PASS
BAND41	20MHz	16QAM	41490	50RB#0	22.10	26.10	33.00	PASS
BAND41	20MHz	16QAM	41490	50RB#25	22.02	26.02	33.00	PASS
BAND41	20MHz	16QAM	41490	50RB#50	22.06	26.06	33.00	PASS
BAND41	20MHz	16QAM	41490	100RB#0	22.05	26.05	33.00	PASS

#### Note:

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

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level



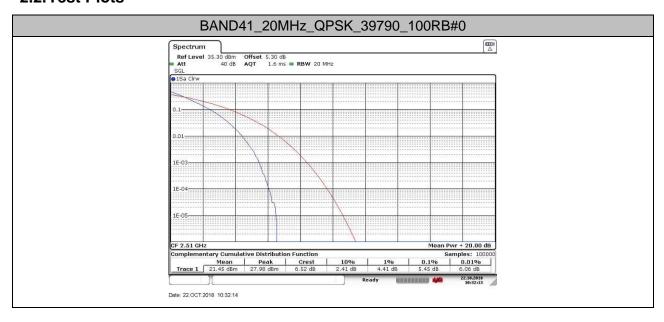
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#### 2. Peak-to-Average Ratio(CCDF)

#### 2.1. Test Result

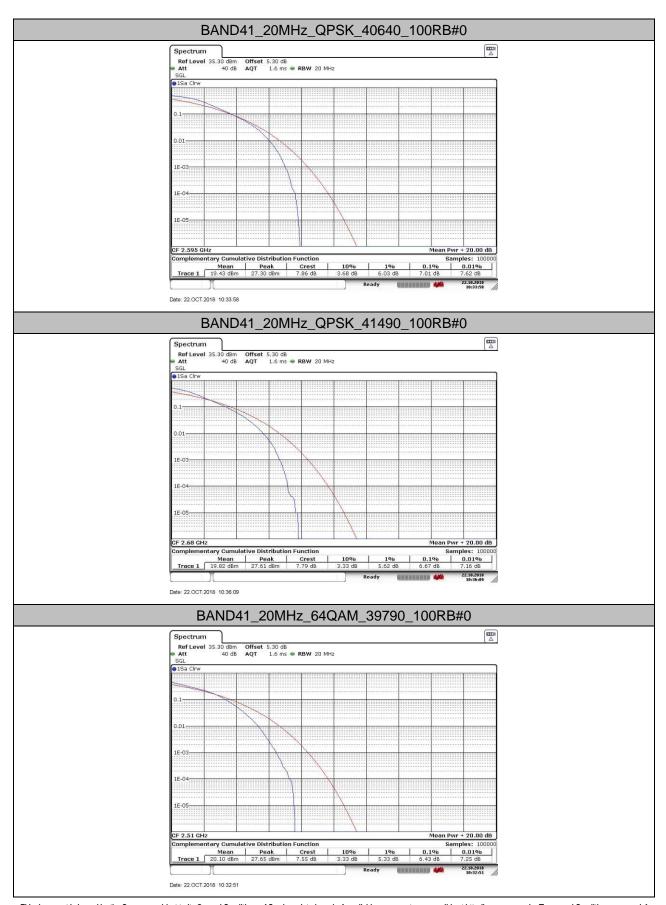
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND41	20MHz	QPSK	39790	100RB#0	5.45	13	PASS
BAND41	20MHz	QPSK	40640	100RB#0	7.01	13	PASS
BAND41	20MHz	QPSK	41490	100RB#0	6.67	13	PASS
BAND41	20MHz	64QAM	39790	100RB#0	6.43	13	PASS
BAND41	20MHz	64QAM	40640	100RB#0	6.52	13	PASS
BAND41	20MHz	64QAM	41490	100RB#0	6.35	13	PASS
BAND41	20MHz	16QAM	39790	100RB#0	6.26	13	PASS
BAND41	20MHz	16QAM	40640	100RB#0	7.74	13	PASS
BAND41	20MHz	16QAM	41490	100RB#0	6.17	13	PASS

#### 2.2. Test Plots



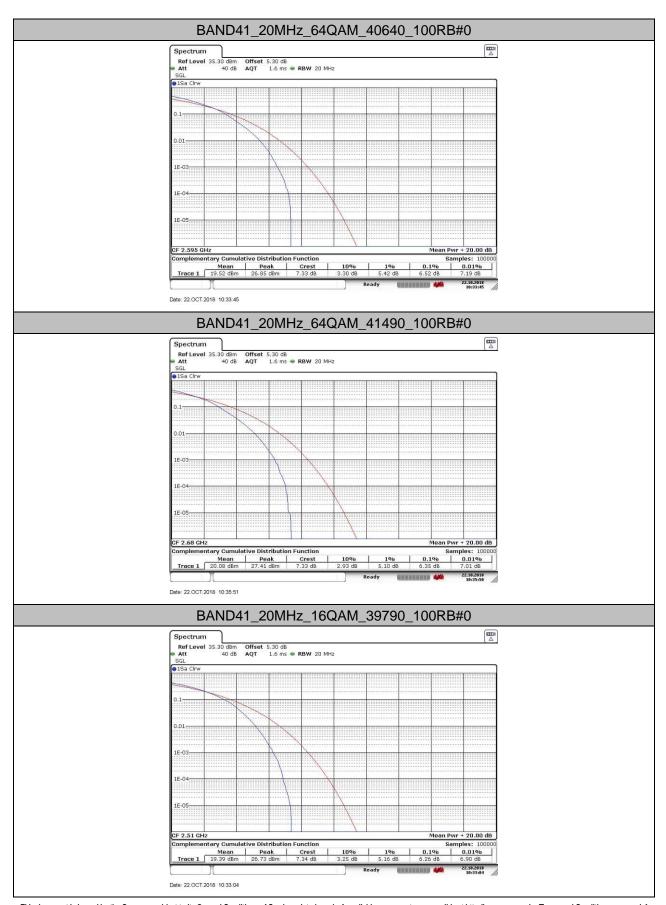


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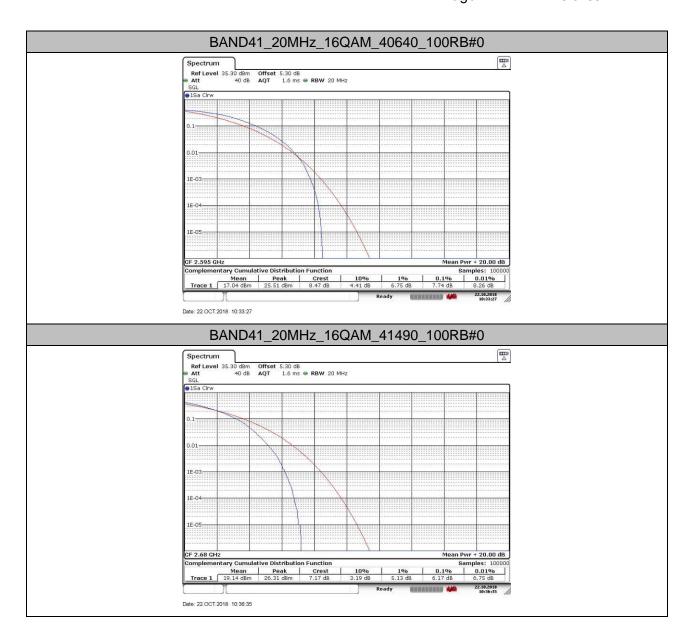


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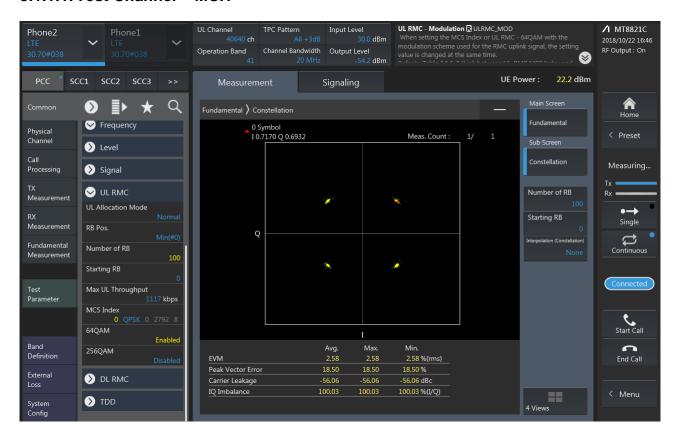




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#### 3. Modulation Characteristics

- 3.1. Test BAND = LTE BAND41
- 3.1.1. Test Mode = LTE /TM1 20MHz
- 3.1.1.1. Test Channel = MCH

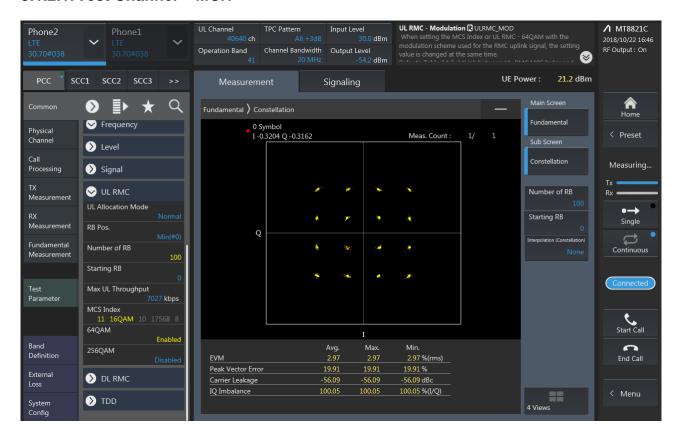




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#### 3.1.2. Test Mode = LTE /TM2 20MHz

#### 3.1.2.1. Test Channel = MCH

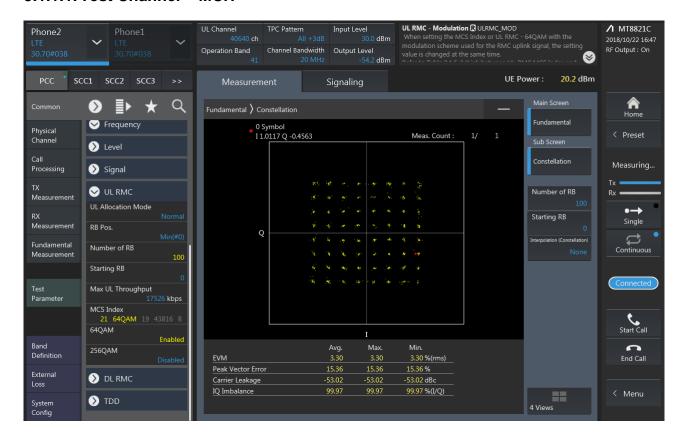




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#### 3.1.1. Test Mode = LTE /TM3 20MHz

#### 3.1.1.1. Test Channel = MCH





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#### 4. 26dB Bandwidth and Occupied Bandwidth

#### 4.1. Test Result

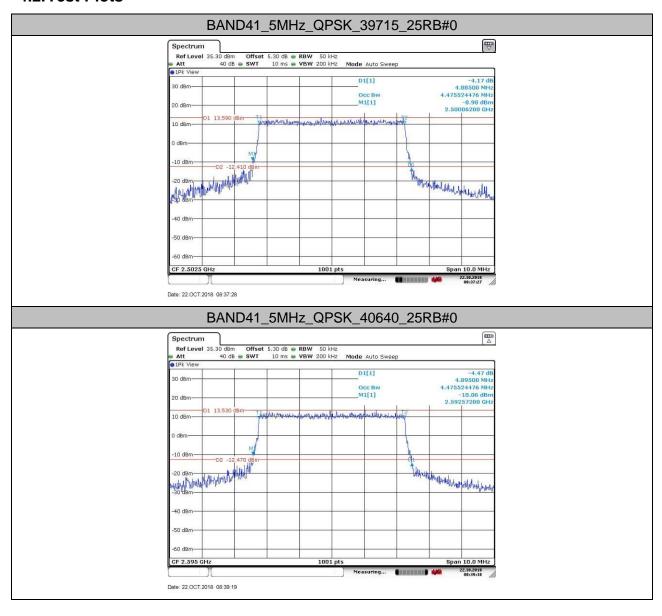
BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth	26dB Bandwidth	Verdict
BAND41	5MHz	QPSK	39715	25RB#0	(MHz) 4.48	(MHz) 4.89	PASS
BAND41	5MHz	QPSK	40640	25RB#0	4.48	4.90	PASS
BAND41	5MHz	QPSK	41565	25RB#0	4.49	4.91	PASS
BAND41	5MHz	64QAM	39715	25RB#0	4.49	4.96	PASS
BAND41	5MHz	64QAM	40640	25RB#0	4.48	4.90	PASS
BAND41	5MHz	64QAM	41565	25RB#0	4.49	4.90	PASS
BAND41	5MHz	16QAM	39715	25RB#0	4.48	4.84	PASS
BAND41	5MHz	16QAM	40640	25RB#0	4.48	4.84	PASS
BAND41	5MHz	16QAM	41565	25RB#0	4.48	4.83	PASS
BAND41	10MHz	QPSK	39740	50RB#0	8.97	10.33	PASS
BAND41	10MHz	QPSK	40640	50RB#0	8.97	10.39	PASS
BAND41	10MHz	QPSK	41540	50RB#0	8.97	10.35	PASS
BAND41	10MHz	64QAM	39740	50RB#0	8.95	10.21	PASS
BAND41	10MHz	64QAM	40640	50RB#0	8.97	10.33	PASS
BAND41	10MHz	64QAM	41540	50RB#0	8.95	10.19	PASS
BAND41	10MHz	16QAM	39740	50RB#0	8.99	10.29	PASS
BAND41	10MHz	16QAM	40640	50RB#0	8.95	10.37	PASS
BAND41	10MHz	16QAM	41540	50RB#0	8.95	10.25	PASS
BAND41	15MHz	QPSK	39765	75RB#0	13.55	15.47	PASS
BAND41	15MHz	QPSK	40640	75RB#0	13.55	15.55	PASS
BAND41	15MHz	QPSK	41515	75RB#0	13.55	15.47	PASS
BAND41	15MHz	64QAM	39765	75RB#0	13.52	15.50	PASS
BAND41	15MHz	64QAM	40640	75RB#0	13.52	15.47	PASS
BAND41	15MHz	64QAM	41515	75RB#0	13.52	15.64	PASS
BAND41	15MHz	16QAM	39765	75RB#0	13.55	15.35	PASS
BAND41	15MHz	16QAM	40640	75RB#0	13.52	15.47	PASS
BAND41	15MHz	16QAM	41515	75RB#0	13.55	15.85	PASS
BAND41	20MHz	QPSK	39790	100RB#0	17.94	19.90	PASS
BAND41	20MHz	QPSK	40640	100RB#0	17.90	19.78	PASS
BAND41	20MHz	QPSK	41490	100RB#0	17.94	19.74	PASS
BAND41	20MHz	64QAM	39790	100RB#0	17.94	19.74	PASS
BAND41	20MHz	64QAM	40640	100RB#0	17.98	19.90	PASS
BAND41	20MHz	64QAM	41490	100RB#0	17.94	19.54	PASS



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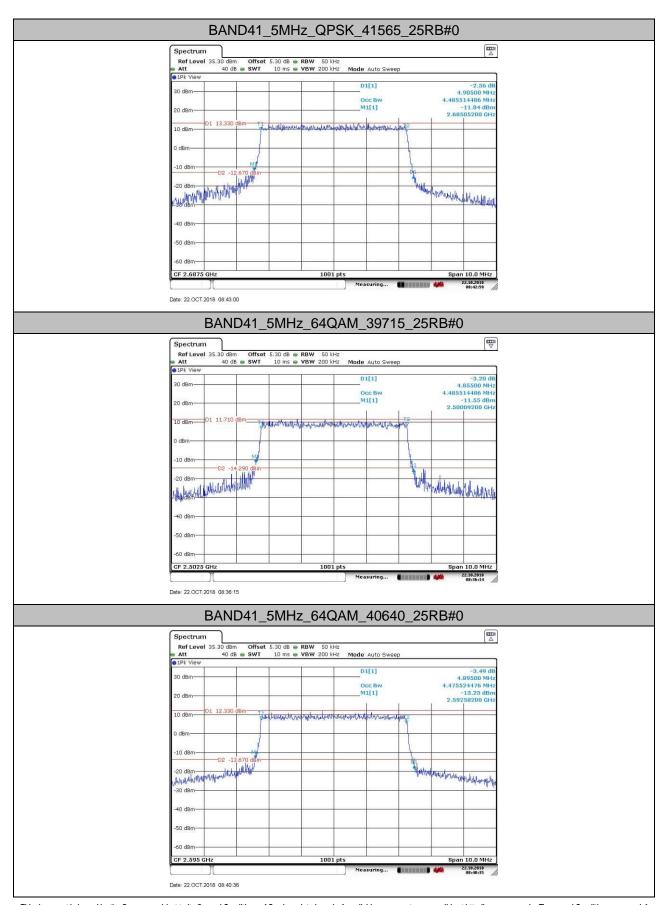
BAND41	20MHz	16QAM	39790	100RB#0	17.94	19.74	PASS
BAND41	20MHz	16QAM	40640	100RB#0	17.90	19.86	PASS
BAND41	20MHz	16QAM	41490	100RB#0	17.90	19.74	PASS

#### 4.2. Test Plots



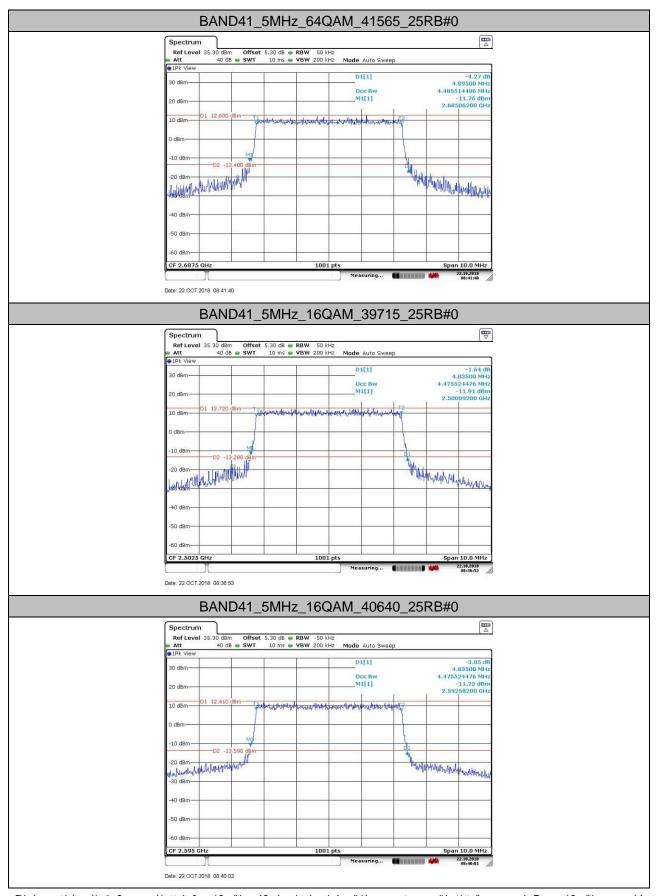


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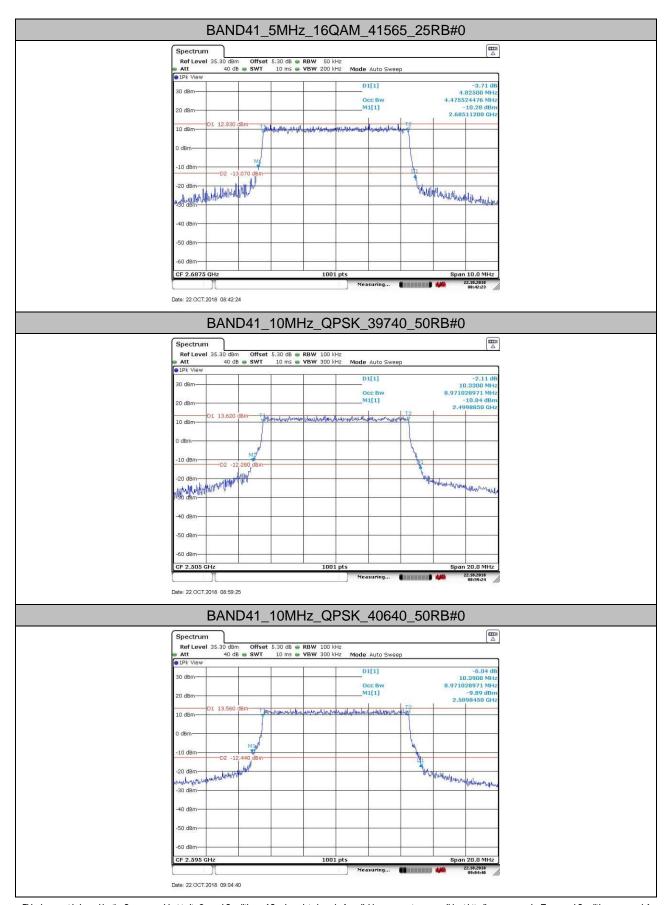


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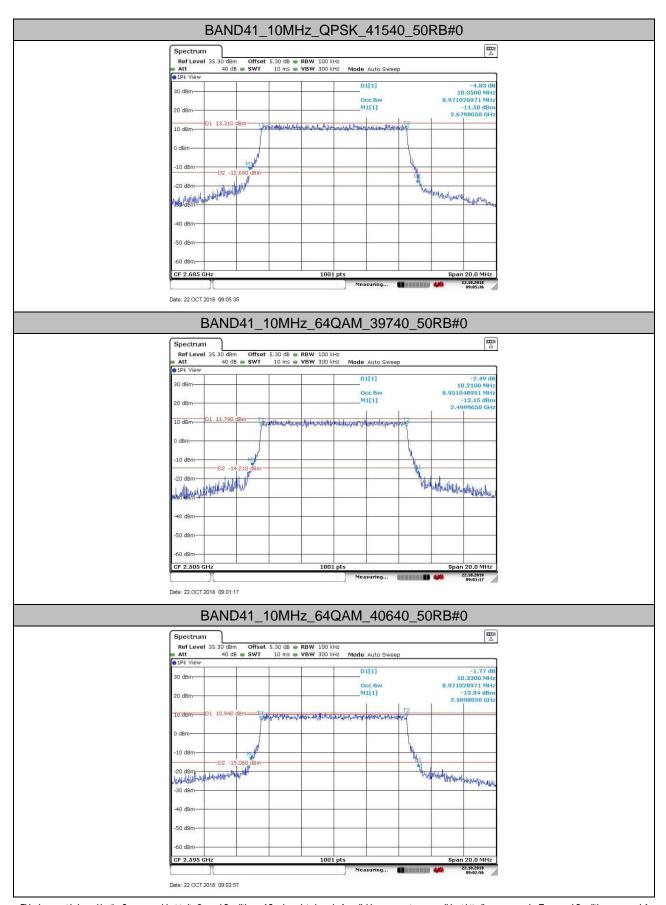


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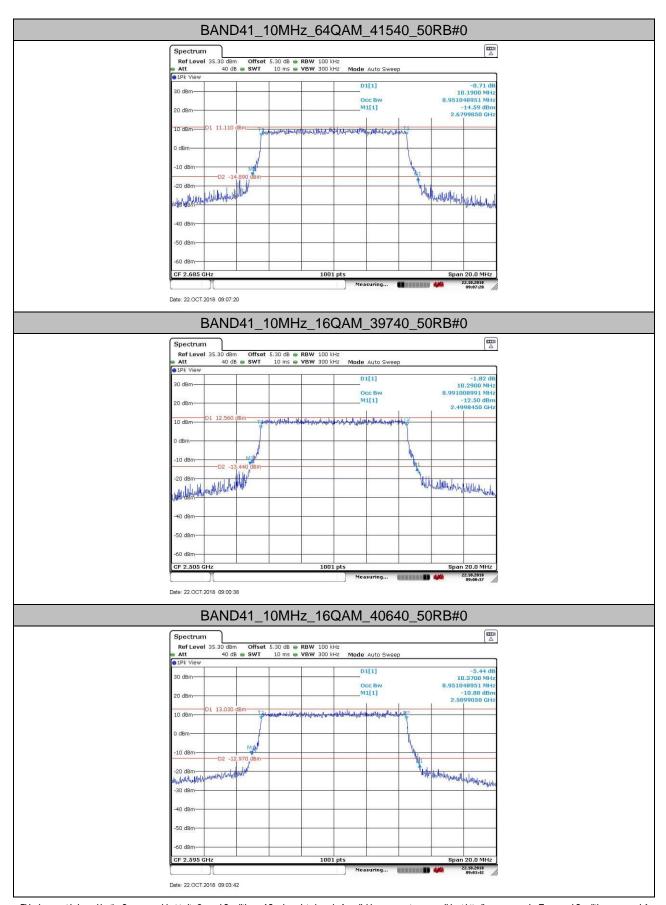


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