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Appendix B

E-UTRA Band 17



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中国·深圳·科技园中区M-10栋一号厂房

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1 Effective (Isotropic) Radiated Power

1.1Test Result

ANT1:

D I	Bandwidt	Maria de Cara	01	RB	Result	ERP	Limit	Modellor
Band	h	Modulation	Channel	Config.	(dBm)	(dBm)	(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.20	15.82	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.10	15.72	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.26	15.88	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.14	14.76	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.22	14.84	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.26	14.88	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.20	14.82	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.14	15.76	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.20	15.82	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.23	15.85	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.18	14.8	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.16	14.78	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.16	14.78	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.14	14.76	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.15	15.77	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.09	15.71	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.21	15.83	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.19	14.81	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.14	14.76	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.10	14.72	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.19	14.81	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.17	14.79	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.42	15.04	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.30	14.92	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.13	13.75	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.21	13.83	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.12	13.74	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.22	13.84	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.81	15.43	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.74	15.36	34.77	PASS



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Don d47	CN41.1-	400014	22700	4DD#04	22.00	45.5	24.77	DACC
Band17	5MHz	16QAM	23790	1RB#24	22.88	15.5	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.23	13.85	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.08	13.7	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.14	13.76	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.20	13.82	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.87	15.49	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.72	15.34	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.87	15.49	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.20	13.82	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.19	13.81	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.05	13.67	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.13	13.75	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.11	13.73	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.20	13.82	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.15	13.77	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	20.10	12.72	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	20.06	12.68	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	20.05	12.67	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.12	12.74	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.11	13.73	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.05	13.67	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.01	13.63	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	20.10	12.72	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	20.07	12.69	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	20.01	12.63	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.10	12.72	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.08	13.7	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.07	13.69	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.15	13.77	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	20.20	12.82	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	20.14	12.76	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	20.12	12.74	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.04	12.66	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.01	15.63	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.28	15.9	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.18	15.8	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.13	14.75	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.17	14.79	34.77	PASS



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Band17	10MHz	QPSK	23780	25RB#25	22.11	14.73	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.11	14.73	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.02	15.64	34.77	PASS
Band17	10MHz	QPSK		1RB#24	23.02		_	PASS
		· ·	23790			15.93	34.77	
Band17	10MHz	QPSK	23790	1RB#49	23.14	15.76	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.17	14.79	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.15	14.77	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.14	14.76	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.21	14.83	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.03	15.65	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.22	15.84	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.18	15.8	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.19	14.81	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.18	14.8	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.15	14.77	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.17	14.79	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.71	15.33	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.24	14.86	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.47	15.09	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.06	13.68	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.15	13.77	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.07	13.69	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.11	13.73	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.68	15.3	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.72	15.34	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.13	14.75	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.13	13.75	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.12	13.74	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.21	13.83	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.19	13.81	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.68	15.3	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.87	15.49	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.52	15.14	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.20	13.82	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.12	13.74	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.13	13.75	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.14	13.76	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.18	13.8	34.77	PASS



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Band17	10MHz	64QAM	23780	1RB#24	21.17	13.79	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.15	13.77	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	20.18	12.8	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	20.04	12.66	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	20.03	12.65	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.03	12.65	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.07	13.69	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.01	13.63	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.01	13.63	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	20.16	12.78	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	20.07	12.69	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	20.04	12.66	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.18	12.8	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.20	13.82	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.12	13.74	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.06	13.68	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	20.18	12.8	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	20.11	12.73	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	20.07	12.69	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.06	12.68	34.77	PASS



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ANT2:

Dond	Bandwidt	Modulation	Channal	RB	Result	ERP	Limit	Vordict
Band	h	Modulation	Channel	Config.	(dBm)	(dBm)	(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.90	15.65	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.93	15.68	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.02	15.77	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.05	14.8	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.01	14.76	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.04	14.79	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.09	14.84	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.97	15.72	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.01	15.76	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.98	15.73	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.00	14.75	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.99	14.74	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.02	14.77	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.02	14.77	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.02	15.77	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.98	15.73	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.93	15.68	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.02	14.77	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.98	14.73	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.92	14.67	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.96	14.71	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.54	15.29	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.71	15.46	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.32	15.07	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.03	13.78	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.04	13.79	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.06	13.81	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.97	13.72	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.36	15.11	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.11	14.86	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.27	15.02	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.94	13.69	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.98	13.73	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.01	13.76	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.02	13.77	34.77	PASS



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Band17	ENALI-	16001	22025	1DD#0	22.67	15.40	34.77	DACC
Band17	5MHz	16QAM	23825	1RB#0	22.67	15.42		PASS
	5MHz	16QAM	23825	1RB#12	22.53	15.28	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.00	14.75	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.03	13.78	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.02	13.77	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.85	13.6	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.90	13.65	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.18	13.93	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.17	13.92	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.13	13.88	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#0	20.22	12.97	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#6	20.12	12.87	34.77	PASS
Band17	5MHz	64QAM	23755	12RB#13	20.07	12.82	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.07	12.82	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.01	13.76	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.25	14	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.12	13.87	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#0	20.18	12.93	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#6	20.11	12.86	34.77	PASS
Band17	5MHz	64QAM	23790	12RB#13	20.04	12.79	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.22	12.97	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.22	13.97	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.27	14.02	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.16	13.91	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#0	20.21	12.96	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#6	20.09	12.84	34.77	PASS
Band17	5MHz	64QAM	23825	12RB#13	20.22	12.97	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.08	12.83	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.92	15.67	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.10	15.85	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.04	15.79	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.09	14.84	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.06	14.81	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.06	14.81	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.10	14.85	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.91	15.66	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.15	15.9	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.03	15.78	34.77	PASS



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Donald 7	40141-	ODCK	00700	0500#0	22.00	44.04	24.77	DACC
Band17	10MHz	QPSK	23790	25RB#0	22.06	14.81	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.99	14.74	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.08	14.83	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.11	14.86	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.96	15.71	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.05	15.8	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.08	15.83	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.04	14.79	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.07	14.82	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.04	14.79	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.02	14.77	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.54	15.29	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.34	15.09	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.70	15.45	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.06	13.81	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.08	13.83	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.11	13.86	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.11	13.86	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.62	15.37	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.63	15.38	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.27	15.02	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.95	13.7	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.97	13.72	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.14	13.89	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.04	13.79	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.56	15.31	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.26	15.01	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.82	15.57	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.96	13.71	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.01	13.76	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.94	13.69	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.01	13.76	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.08	13.83	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.07	13.82	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.13	13.88	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#0	20.27	13.02	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#12	20.04	12.79	34.77	PASS
Band17	10MHz	64QAM	23780	25RB#25	20.27	13.02	34.77	PASS



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Band17	10MHz	64QAM	23780	50RB#0	20.24	12.99	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.27	14.02	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.09	13.84	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.23	13.98	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#0	20.12	12.87	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#12	20.12	12.87	34.77	PASS
Band17	10MHz	64QAM	23790	25RB#25	20.06	12.81	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.21	12.96	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.27	14.02	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.20	13.95	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.27	14.02	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#0	20.22	12.97	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#12	20.12	12.87	34.77	PASS
Band17	10MHz	64QAM	23800	25RB#25	20.25	13	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.11	12.86	34.77	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]



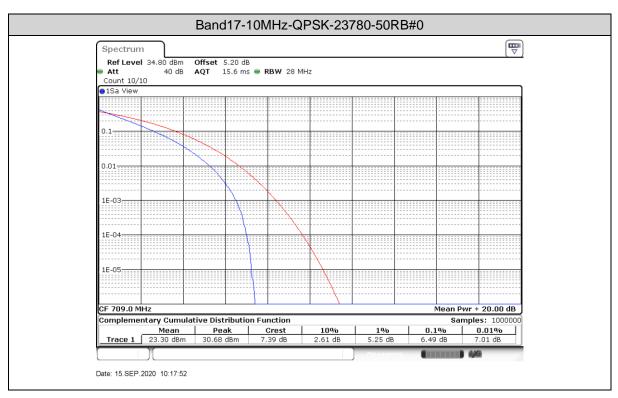
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidt h	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	6.49	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	6.46	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	6.46	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	7.16	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	7.13	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	7.10	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	7.25	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	7.22	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	7.19	13	PASS

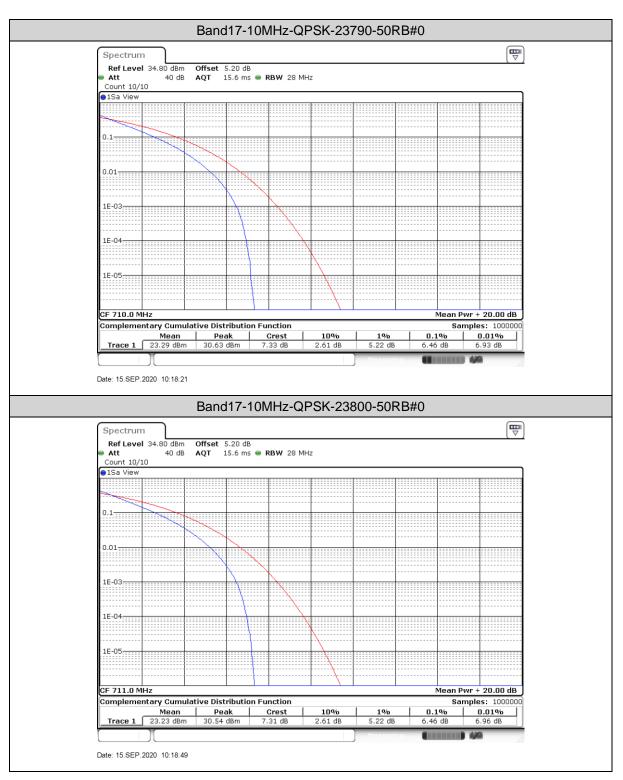
2.2 Test Plots





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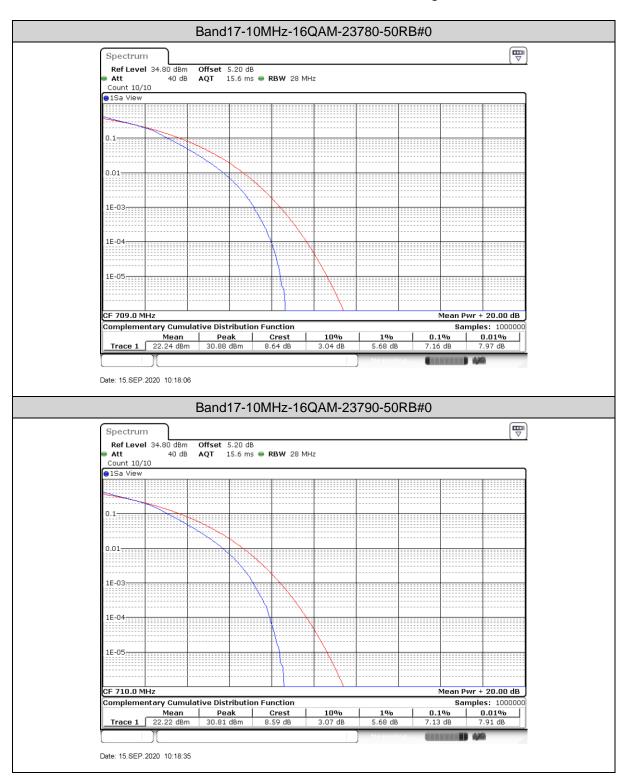
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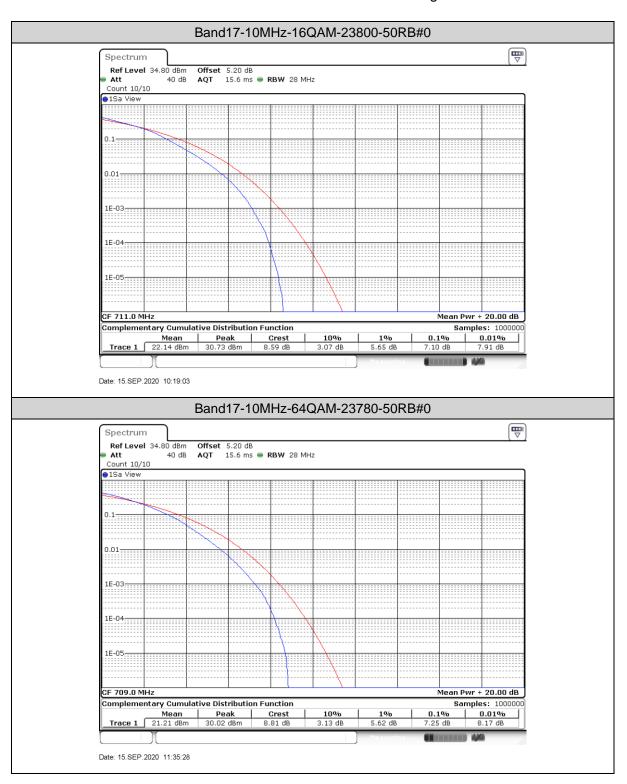
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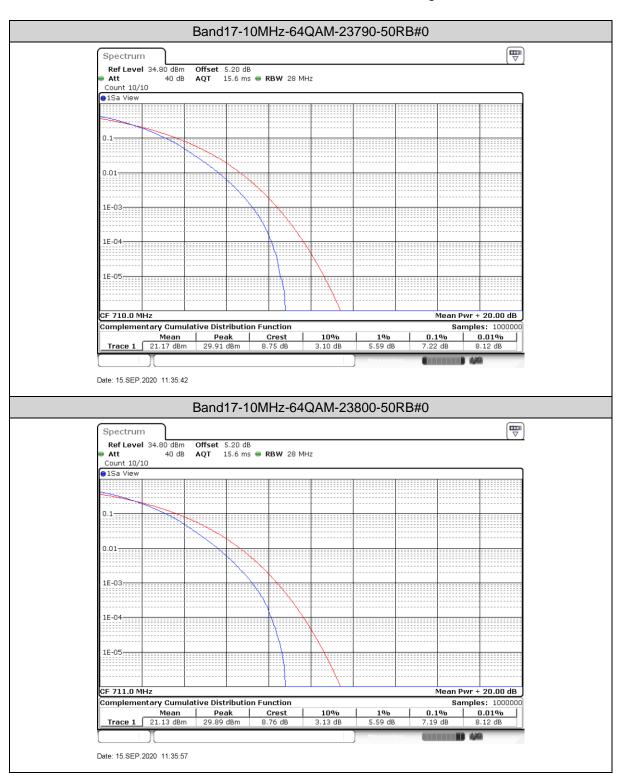
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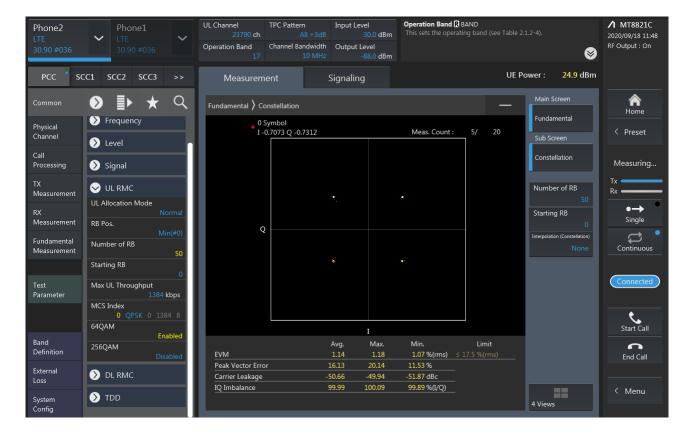
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Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

3.1.1 Test Channel = MCH

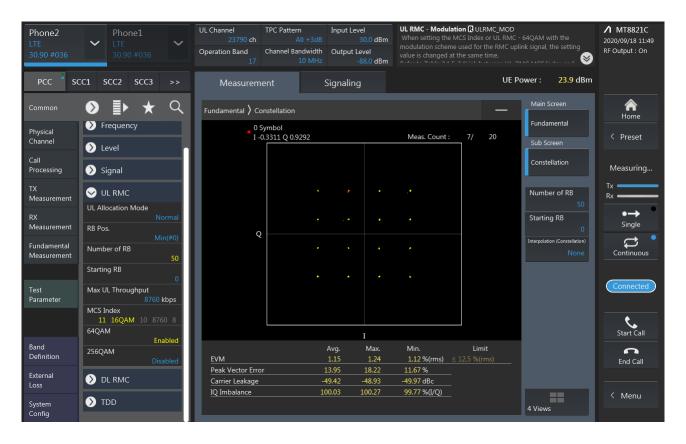




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3.2Test Mode = LTE /TM2 10MHz

3.2.1 Test Channel = MCH

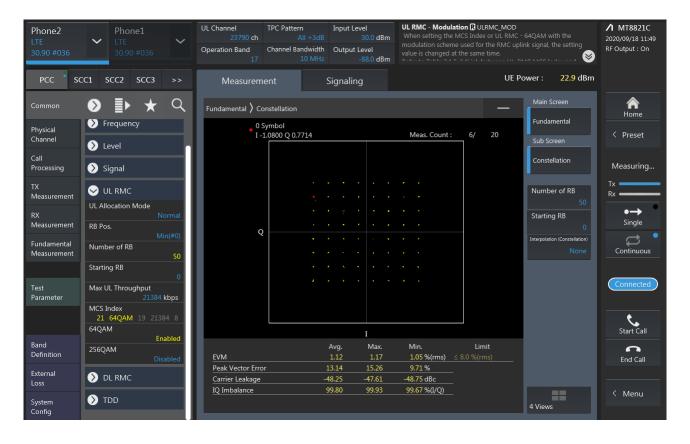




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3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH





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4 26dB Bandwidth and Occupied Bandwidth

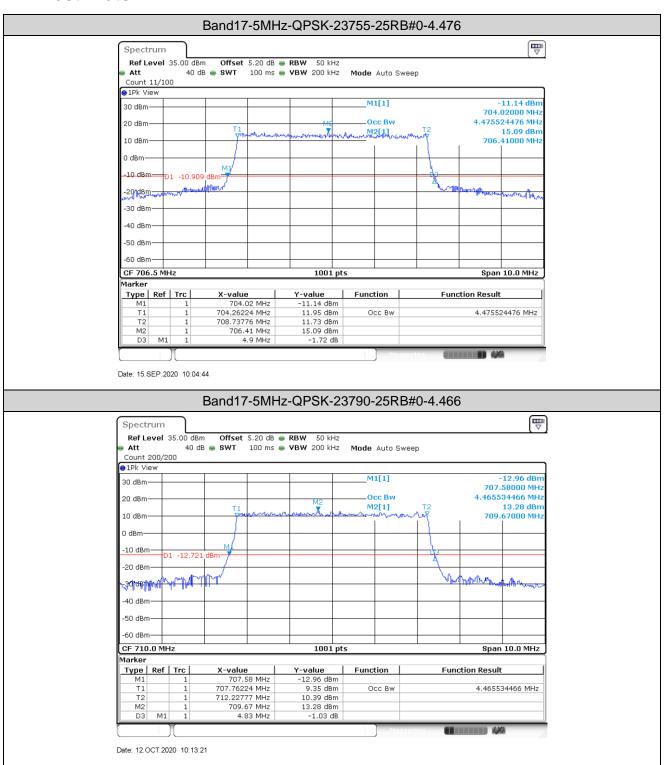
4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.476	4.900	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.476	4.880	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	4.850	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.486	4.880	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.486	5.220	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.476	4.880	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.476	4.920	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.476	4.860	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.466	4.850	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.952	9.700	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.918	9.700	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.918	9.700	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.952	9.700	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.952	9.667	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.918	9.667	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.918	9.633	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.918	9.600	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.918	9.633	PASS



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4.2 Test Plots





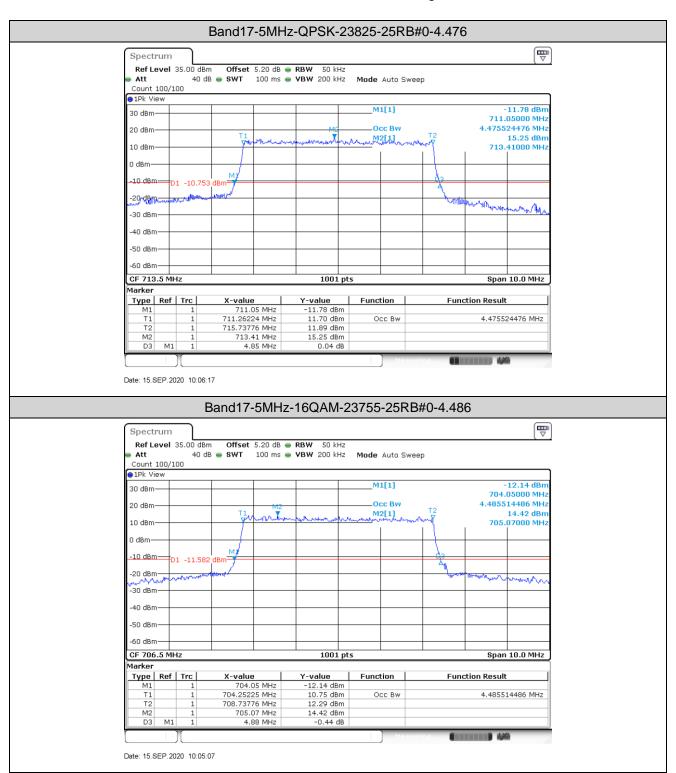
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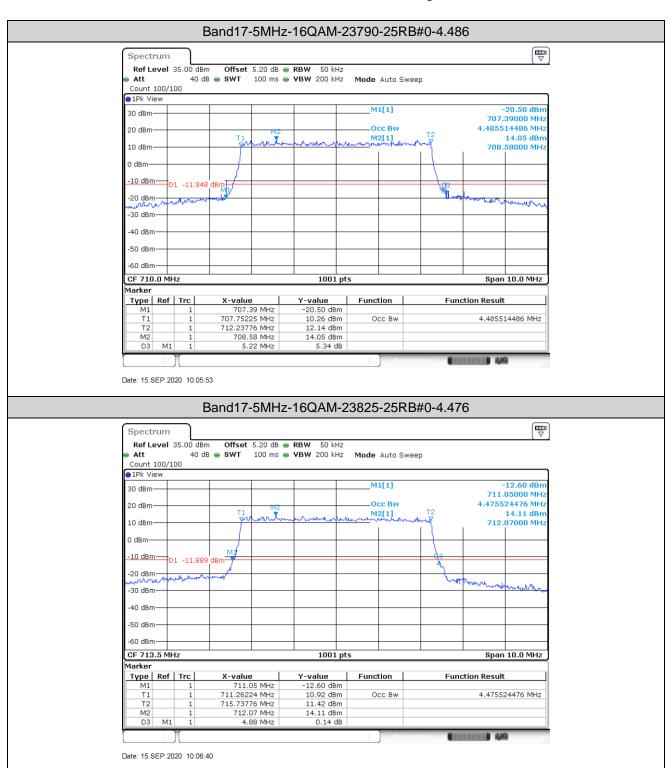
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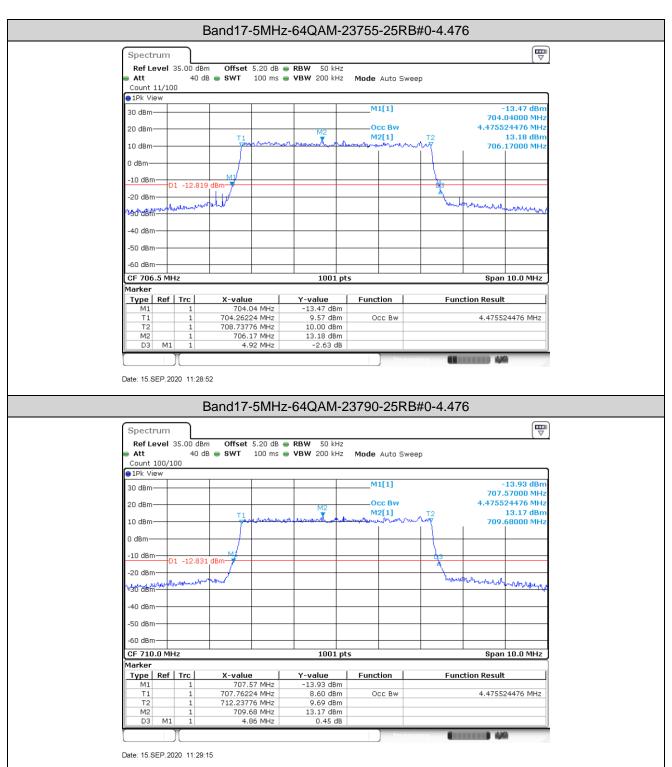
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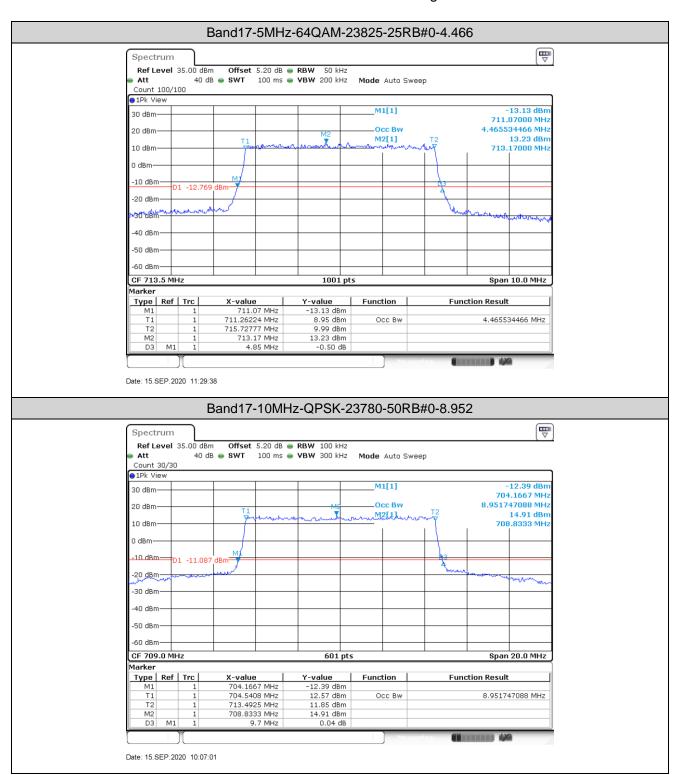
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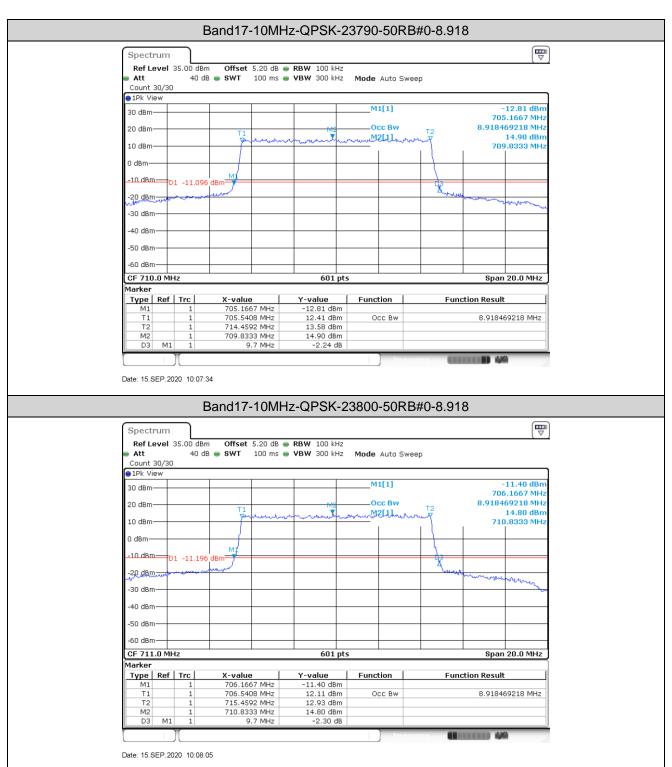
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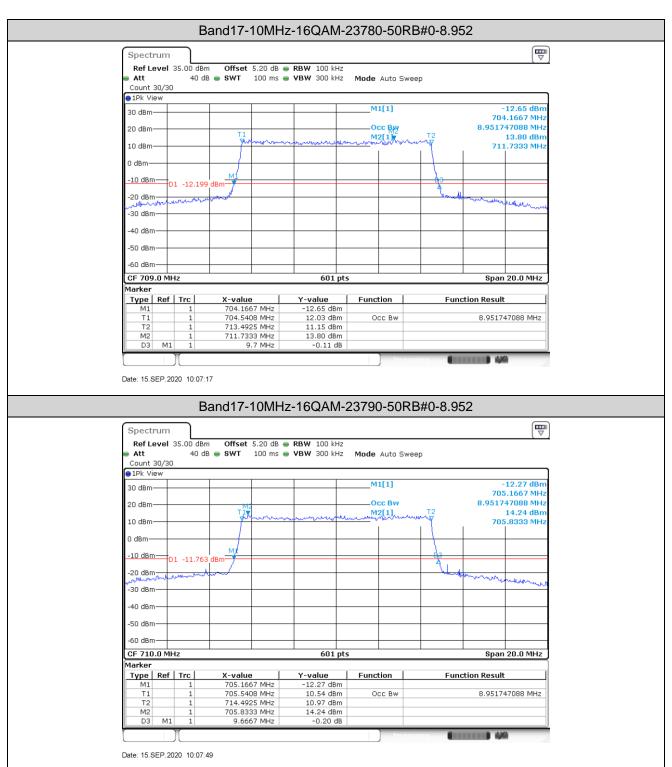
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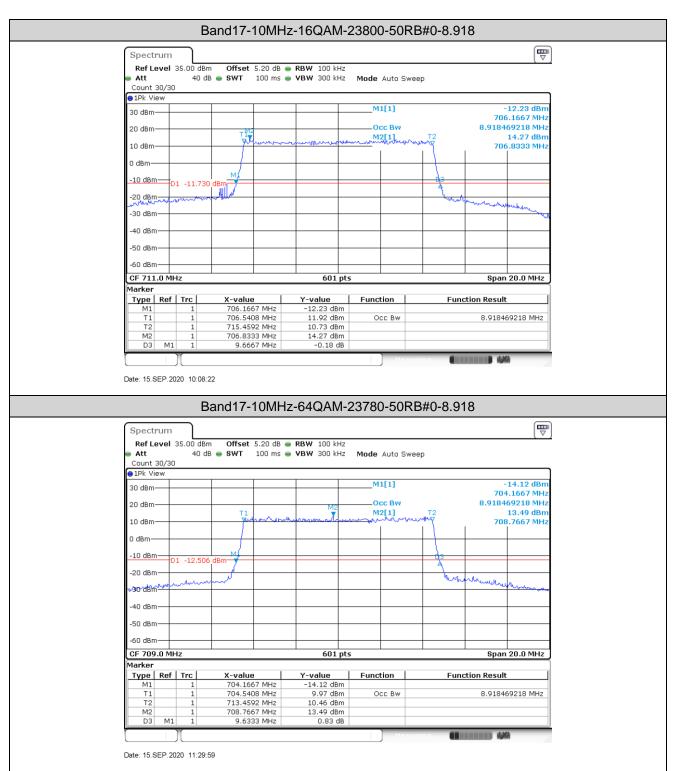
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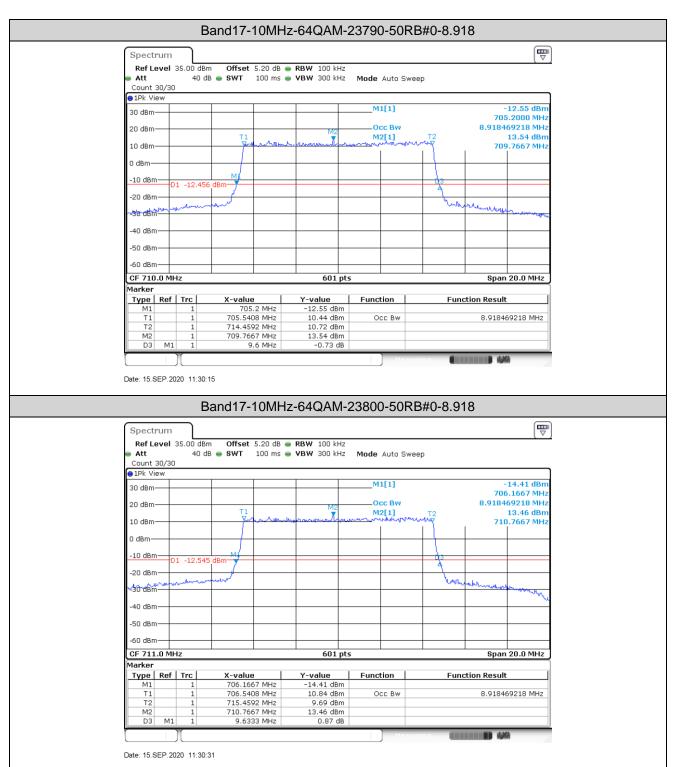
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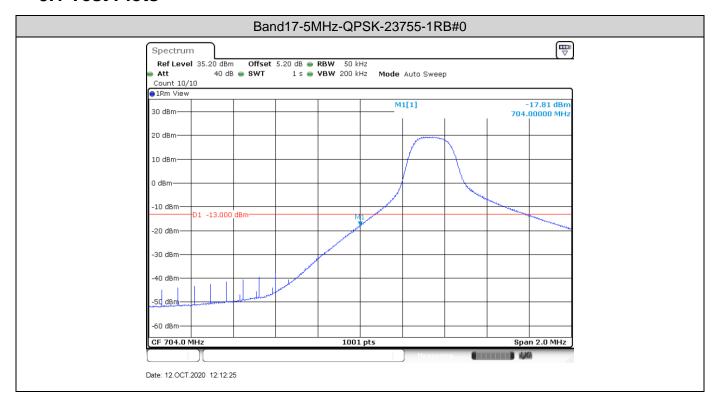
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5 Band Edge Compliance

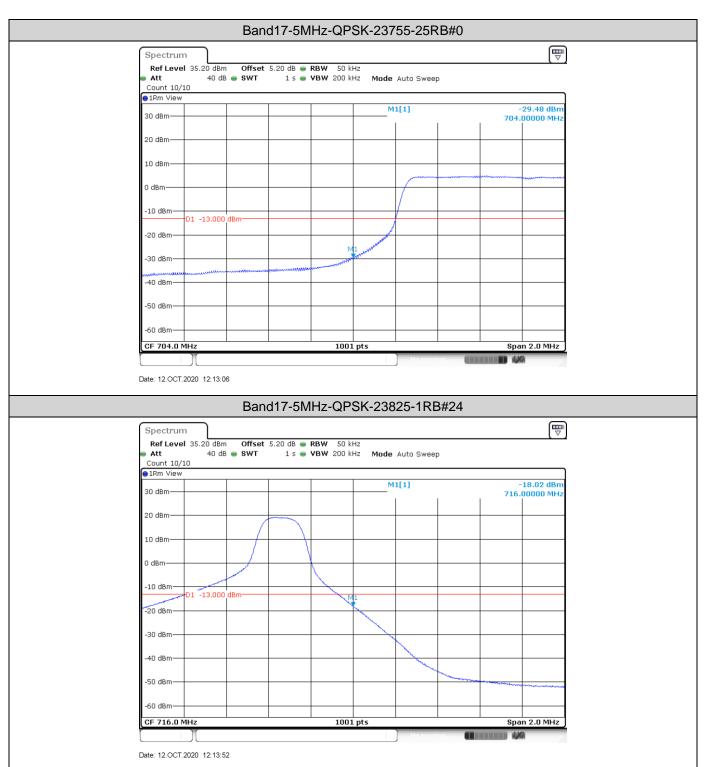
5.1 Test Plots





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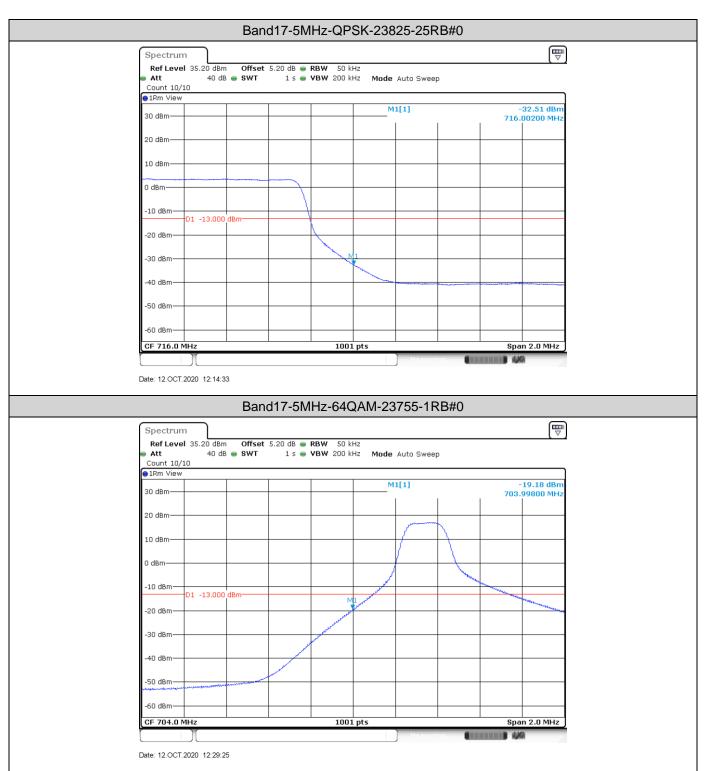


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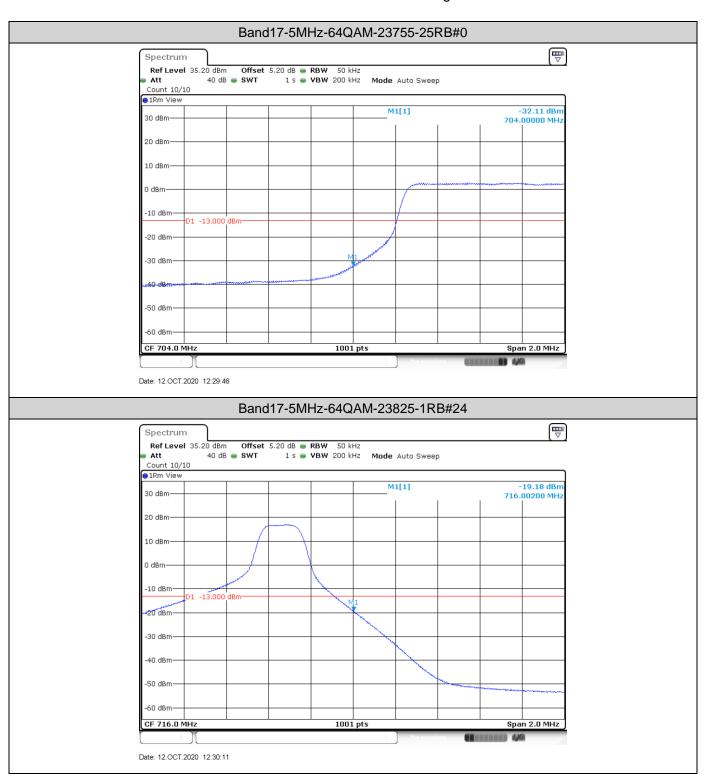


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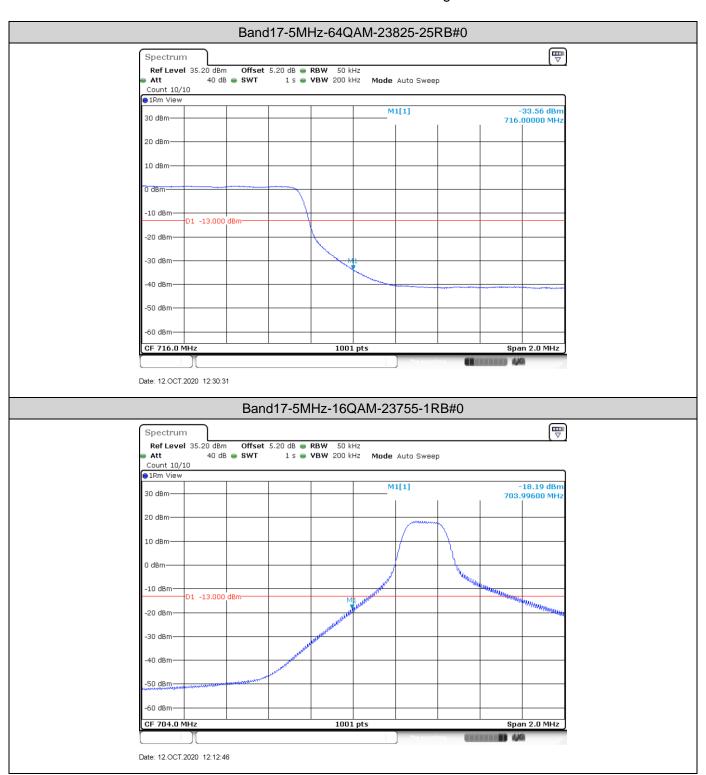


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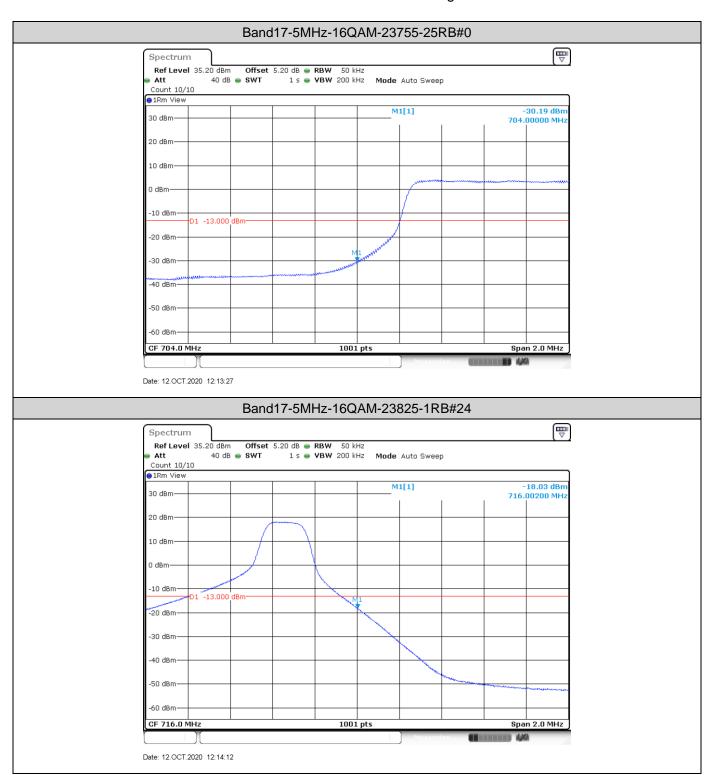


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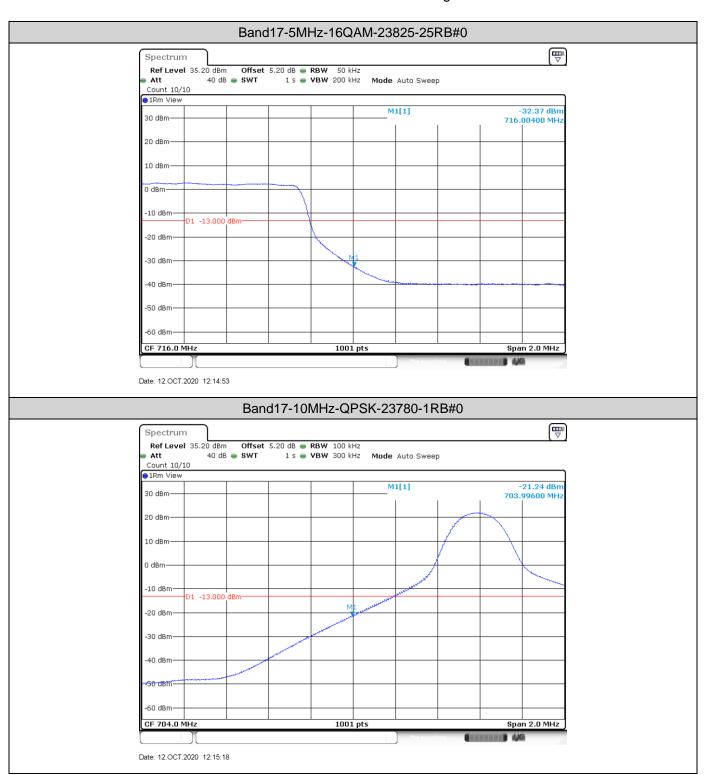


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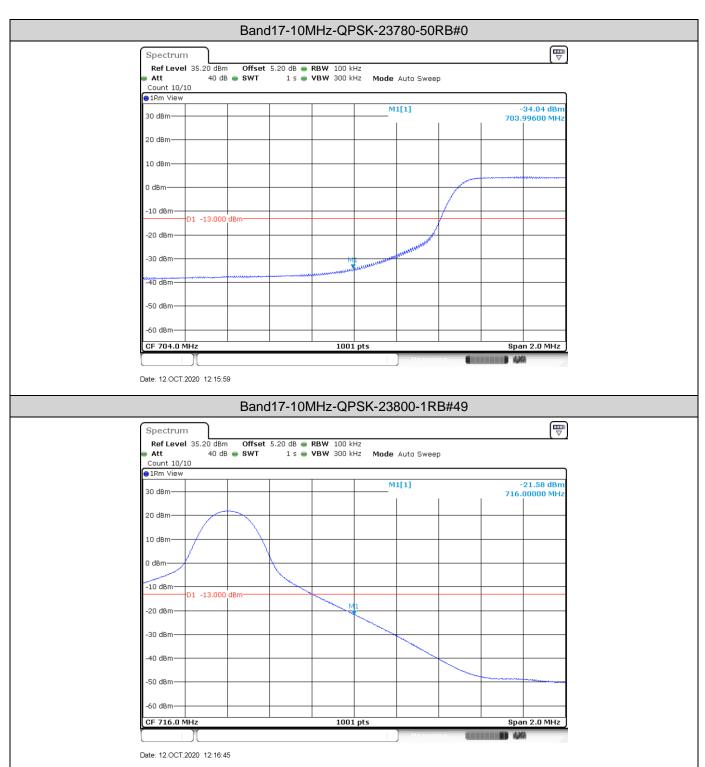


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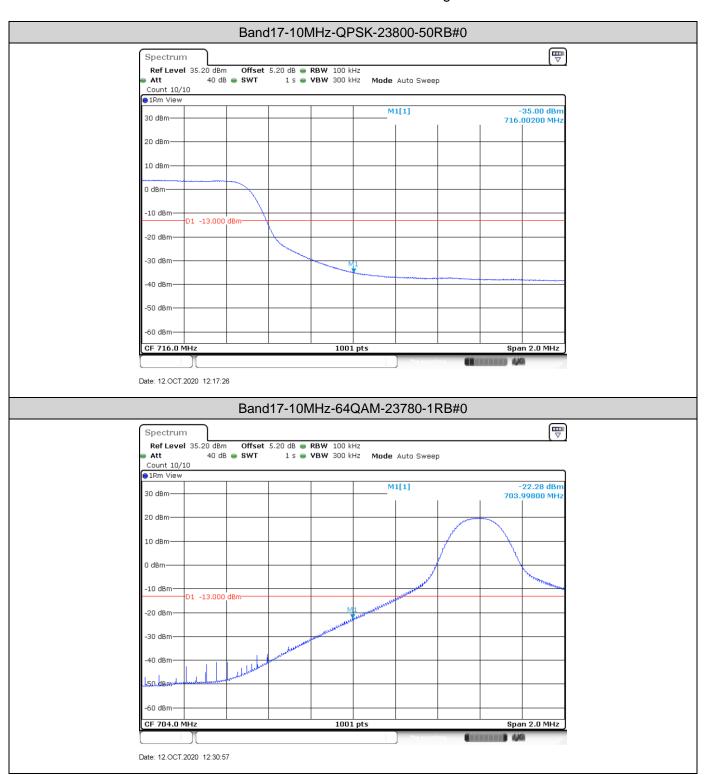
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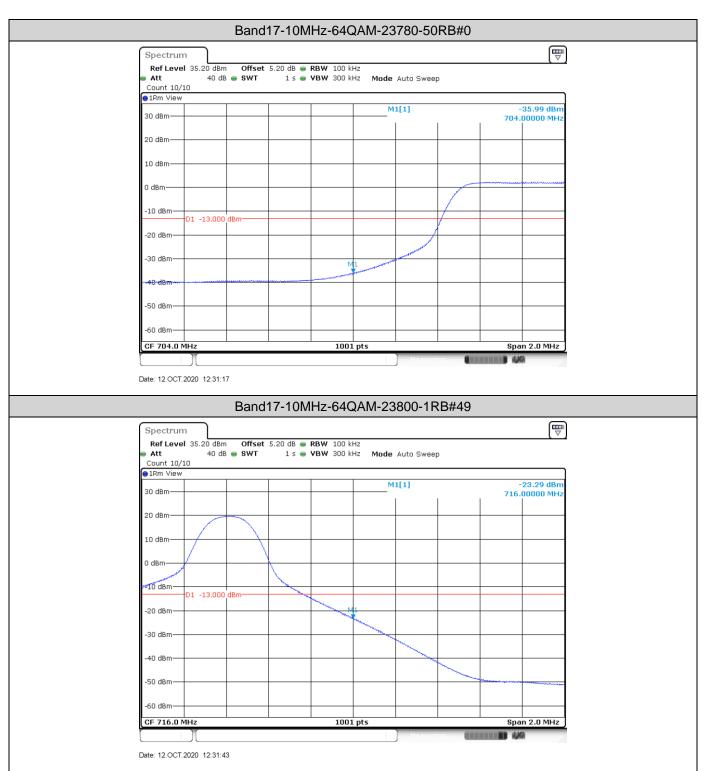
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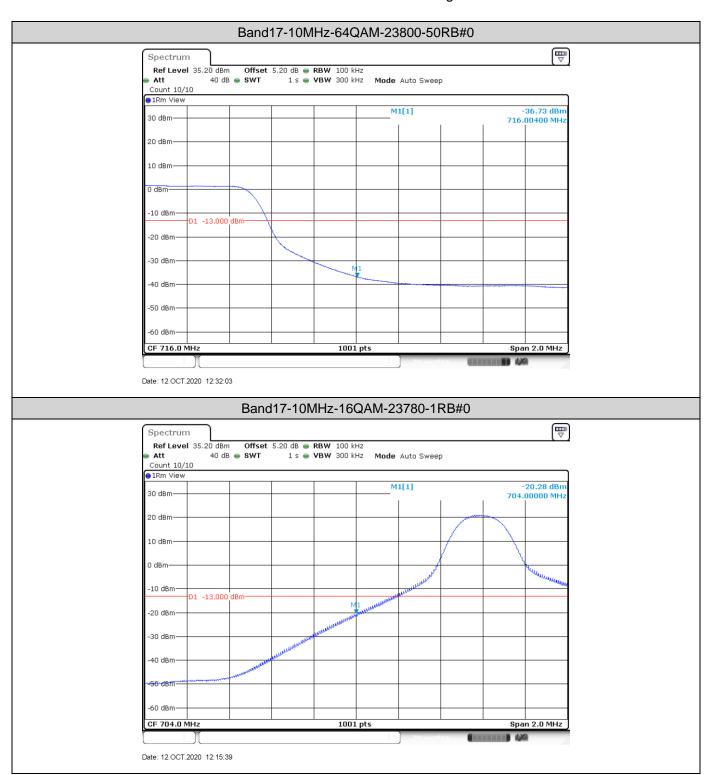
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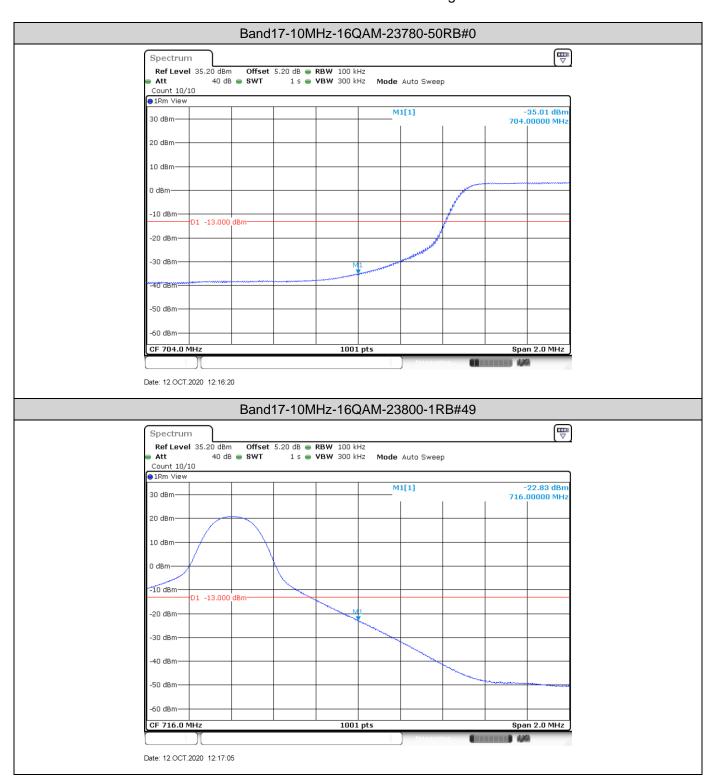
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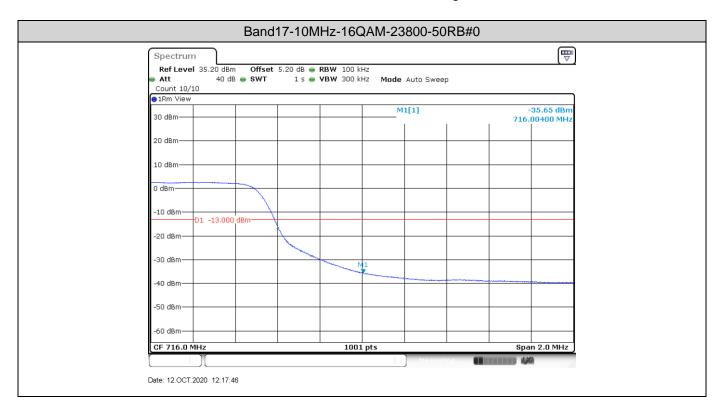
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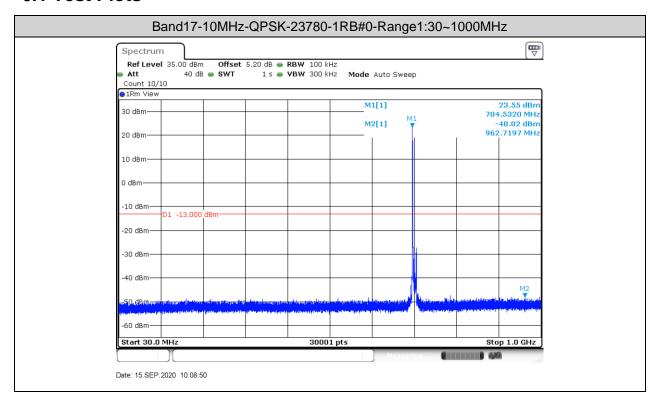
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6 Spurious Emission at Antenna Terminal

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

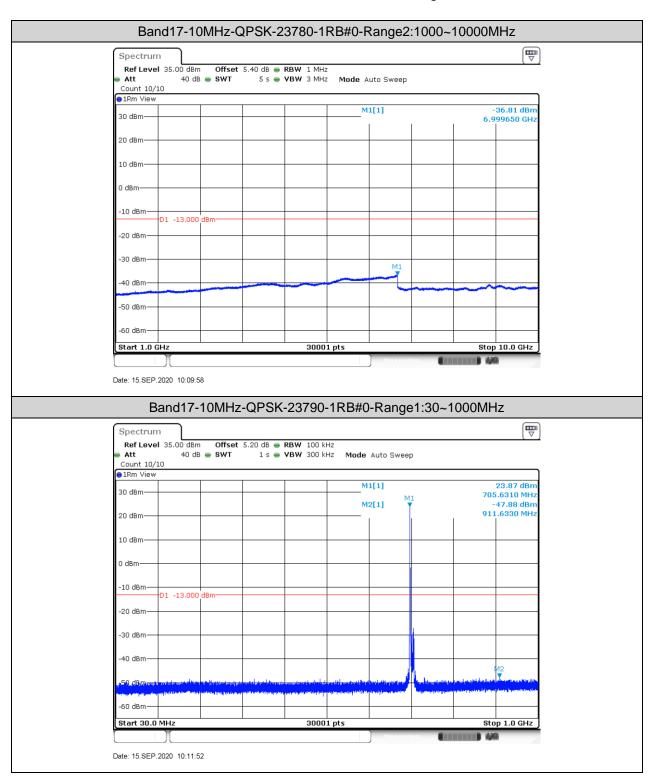






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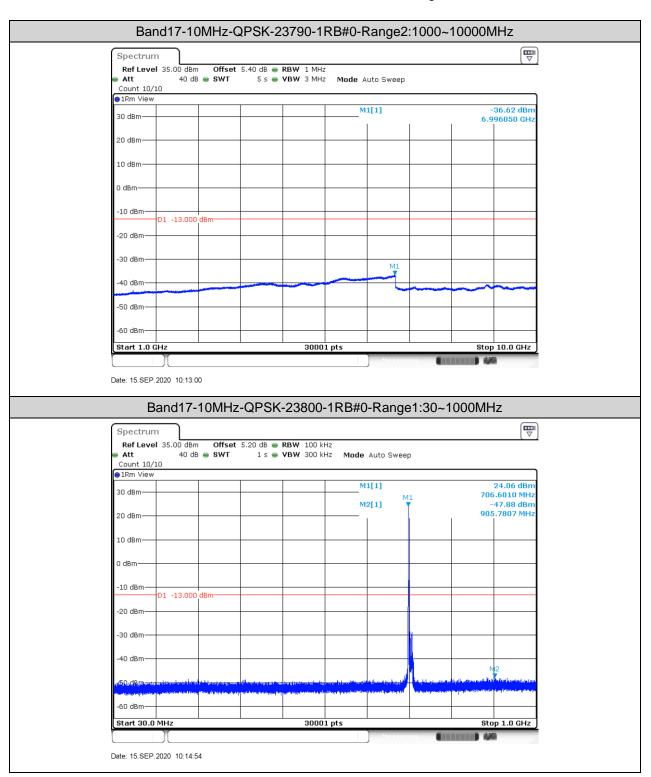
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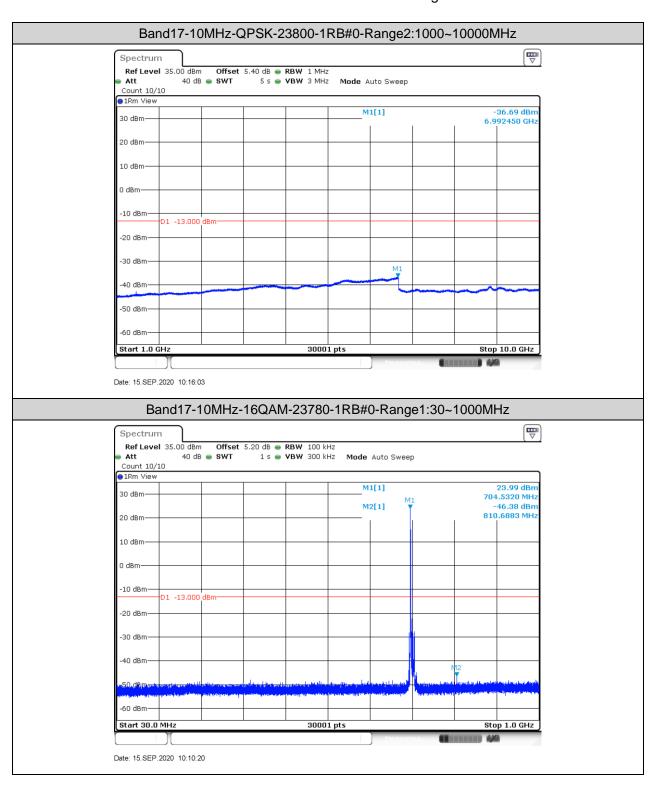






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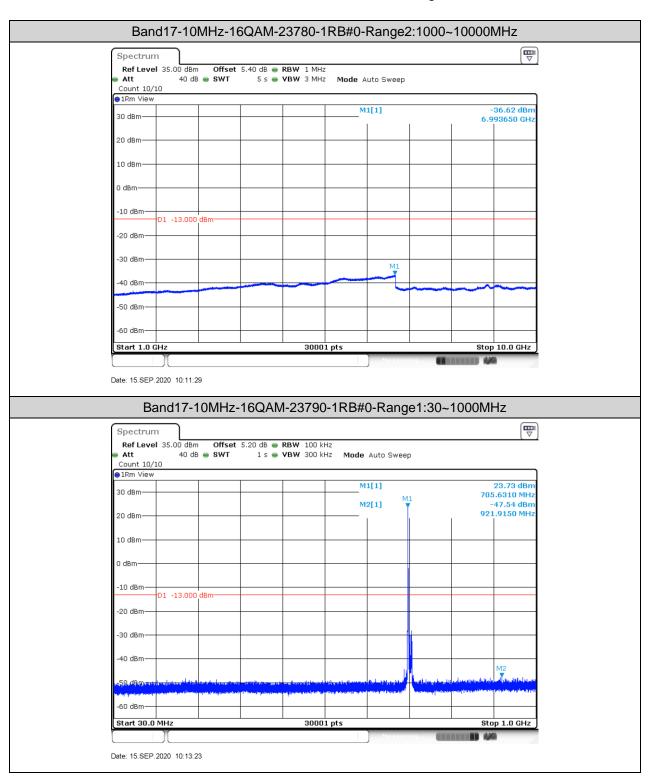






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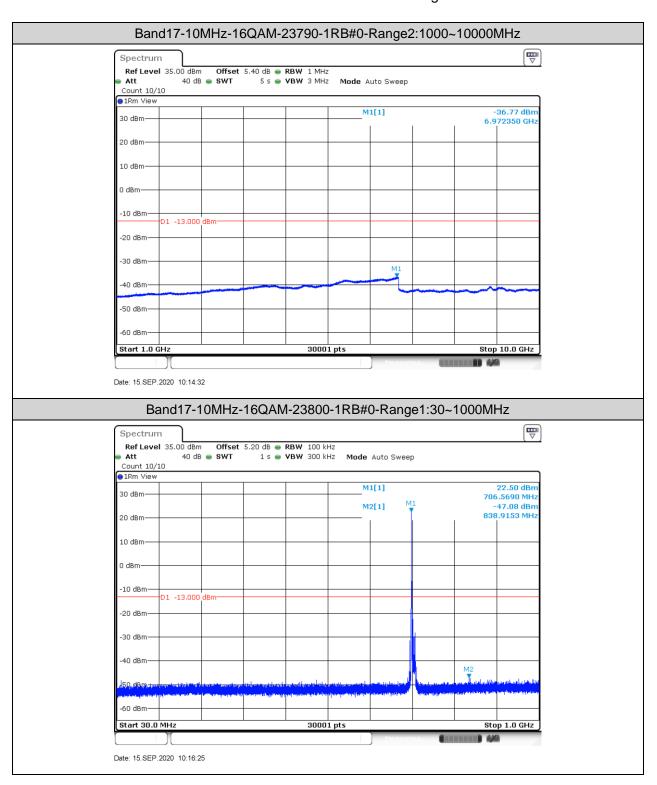






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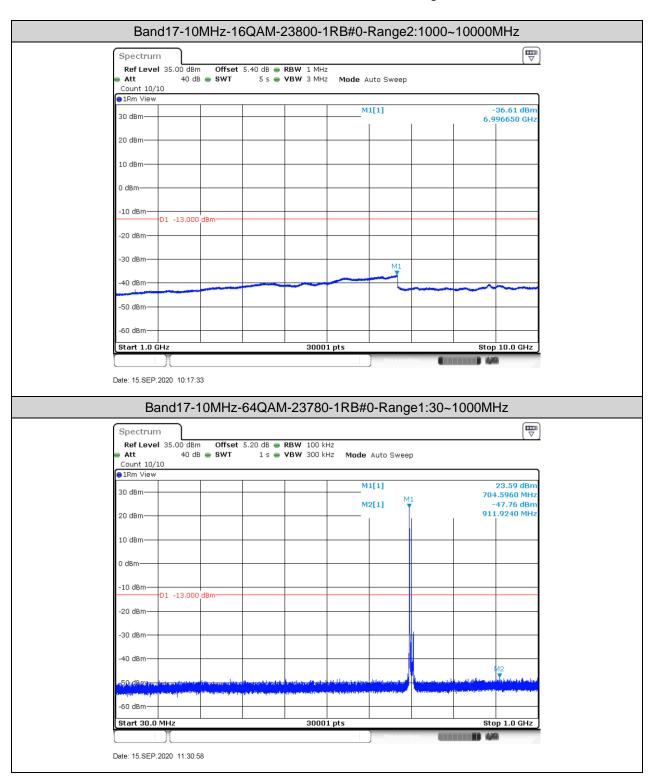






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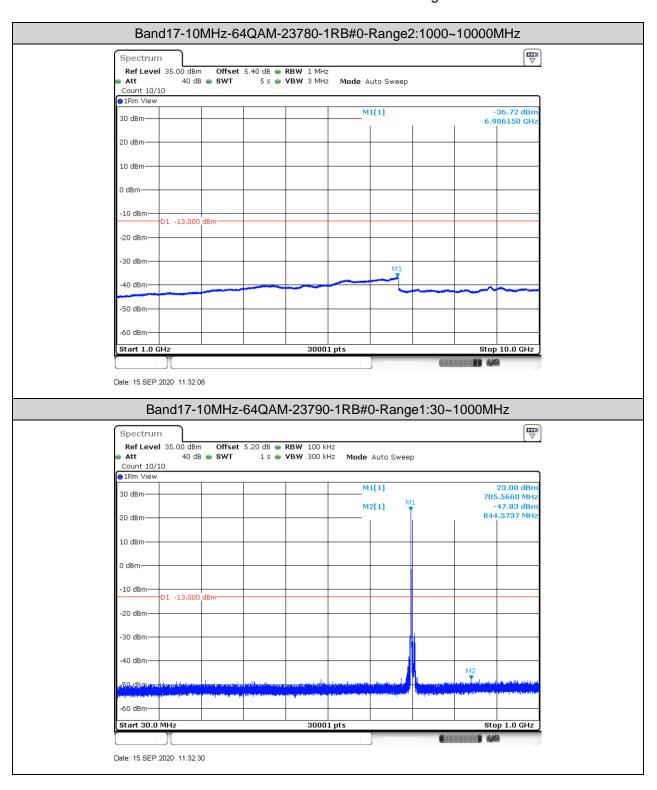






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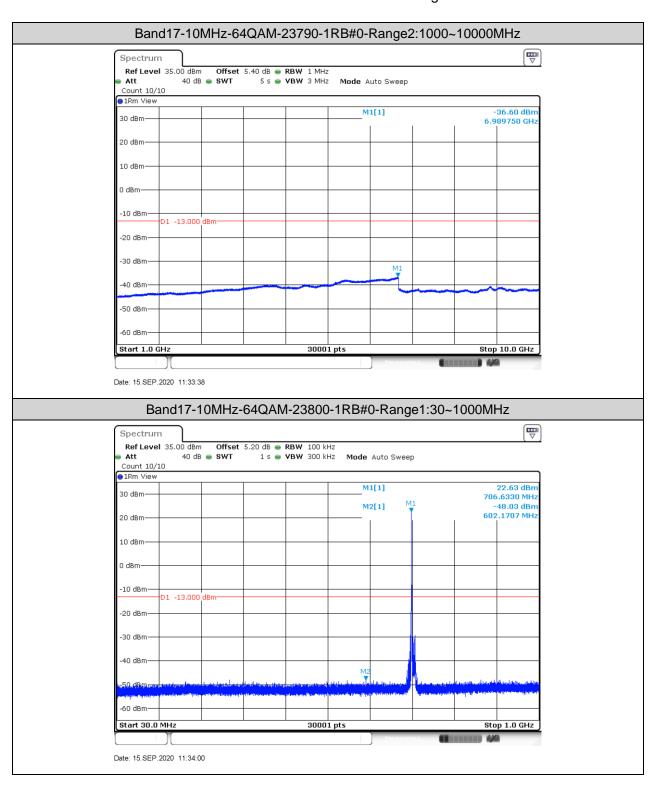
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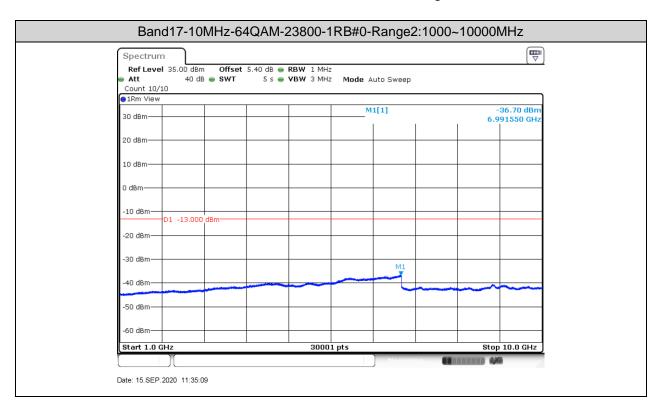
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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 10MHz (Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4066	-75.00	-13.00	62.00	Vertical
111.4356	-65.33	-13.00	52.33	Vertical
366.8978	-69.12	-13.00	56.12	Vertical
1408.8818	-58.20	-13.00	45.20	Vertical
2467.0934	-57.87	-13.00	44.87	Vertical
7458.8984	-55.95	-13.00	42.95	Vertical
42.2711	-64.68	-13.00	51.68	Horizontal
86.5053	-75.38	-13.00	62.38	Horizontal
236.1838	-68.63	-13.00	55.63	Horizontal
1408.8818	-55.13	-13.00	42.13	Horizontal
2518.7037	-56.31	-13.00	43.31	Horizontal
7464.7786	-56.29	-13.00	43.29	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
48.4309	-72.66	-13.00	59.66	Vertical	
113.4242	-64.72	-13.00	51.72	Vertical	
305.6393	-69.42	-13.00	56.42	Vertical	
1411.2823	-58.62	-13.00	45.62	Vertical	
2429.4859	-57.86	-57.86 -13.00		Vertical	
9568.7828	-52.39	-13.00	39.39	Vertical	
40.8160	-63.86	-13.00	50.86	Horizontal	
109.1075	-76.31	-13.00	63.31	Horizontal	
231.6246	-67.81	-13.00	54.81	Horizontal	
1411.2823	-53.63	-13.00	40.63	Horizontal	
2707.9416	-56.36	-13.00	43.36	Horizontal	
9325.4530	-53.01	-13.00	40.01	Horizontal	



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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
30.0485	-76.40	-13.00	63.40	Vertical	
113.3272	-65.69	-13.00	52.69	Vertical	
293.3682	-69.37	-13.00	56.37	Vertical	
1413.2827	-58.66	-13.00	45.66	Vertical	
2444.2889	-57.33	-13.00	44.33	Vertical	
7374.6150	-55.85	-13.00	42.85	Vertical	
46.6848	-64.98	-13.00	51.98	Horizontal	
105.8093	-76.17	-13.00	63.17	Horizontal	
235.3593	-68.19	-13.00	55.19	Horizontal	
1412.8826	-52.64	-13.00	39.64	Horizontal	
2702.3405	-56.20	-13.00	43.20	Horizontal	
7414.0966	-56.27	-13.00	43.27	Horizontal	



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7.2Test Mode =LTE/TM1 10MHz (Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.7275	-73.87	-13.00	60.87	Vertical
111.7751	-65.32	-13.00	52.32	Vertical
373.5427	-67.86	-13.00	54.86	Vertical
1408.8818	-62.86	-13.00	49.86	Vertical
2674.7349	-57.68	-13.00	44.68	Vertical
7356.4143	-55.90	-13.00	42.90	Vertical
44.2112	-64.20	-13.00	51.20	Horizontal
98.6309	-75.34	-13.00	62.34	Horizontal
233.6132	-68.74	-13.00	55.74	Horizontal
1408.8818	-57.24	-13.00	44.24	Horizontal
2693.1386	-56.28	-13.00	43.28	Horizontal
7417.1767	-56.09	-13.00	43.09	Horizontal

7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-74.33	-13.00	61.33	Vertical
111.3871	-64.79	-13.00	51.79	Vertical
306.5123	-68.76	-13.00	55.76	Vertical
1411.2823	-62.04	-13.00	49.04	Vertical
2425.0850	-57.97	-13.00	44.97	Vertical
9876.5151	-52.20	-13.00	39.20	Vertical
45.4238	-64.17	-13.00	51.17	Horizontal
109.3985	-75.48	-13.00	62.48	Horizontal
245.0598	-66.93	-13.00	53.93	Horizontal
1410.8822	-57.07	-13.00	44.07	Horizontal
2693.9388	-56.32	-13.00	43.32	Horizontal
7454.4182	-55.74	-13.00	42.74	Horizontal



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7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-74.35	-13.00	61.35	Vertical
116.8193	-63.71	-13.00	50.71	Vertical
334.3527	-68.69	-13.00	55.69	Vertical
1413.2827	-62.53	-13.00	49.53	Vertical
2416.2833	-57.98	-13.00	44.98	Vertical
7454.6982	-55.38	-13.00	42.38	Vertical
45.8118	-63.71	-13.00	50.71	Horizontal
85.9233	-75.30	-13.00	62.30	Horizontal
235.2138	-68.02	-13.00	55.02	Horizontal
1412.8826	-60.07	-13.00	47.07	Horizontal
2699.9400	-56.18	-13.00	43.18	Horizontal
7480.1792	-56.25	-13.00	43.25	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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Frequency Stability

8.1 Frequency Vs Voltage

					Voltage					
Band	Bandwid th	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-4.10	-0.005783	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-2.30	-0.003244	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-1.30	-0.001831	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	1.40	0.001972	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	0.20	0.000281	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-3.10	-0.004360	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	0.60	0.000846	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	2.10	0.002962	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-2.80	-0.003944	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	0.80	0.001125	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	4.20	0.005907	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	1.40	0.001969	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VL	NT	2.80	0.003949	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VN	NT	3.10	0.004372	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	VH	NT	-4.20	-0.005924	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VL	NT	-1.30	-0.001831	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VN	NT	-3.20	-0.004507	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	VH	NT	-3.80	-0.005352	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VL	NT	1.30	0.001828	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VN	NT	0.50	0.000703	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	VH	NT	1.50	0.002110	±2.5	PASS

8.2 Frequency Vs Temperature

Temperature



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Band	Bandwid th	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-4.00	-0.005642	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	2.80	0.003949	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	1.70	0.002398	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	0.90	0.001269	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-3.50	-0.004937	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-4.50	-0.006347	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-2.50	-0.003526	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.90	0.001268	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-1.10	-0.001549	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	1.10	0.001549	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	0.50	0.000704	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.90	-0.002676	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	3.80	0.005352	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-2.00	-0.002813	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	0.40	0.000563	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-1.40	-0.001969	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	0.30	0.000422	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	1.50	0.002110	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.20	-0.001688	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	2.90	0.004079	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	1.10	0.001547	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	0.20	0.000282	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	1.10	0.001551	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-1.00	-0.001410	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-0.10	-0.000141	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	1.60	0.002257	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-1.80	-0.002539	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	1.80	0.002539	±2.5	PASS



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		1						1	1	1
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	0.80	0.001127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	0.80	0.001127	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-1.30	-0.001831	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-1.10	-0.001549	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-0.70	-0.000986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	1.50	0.002113	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	0.30	0.000423	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	1.20	0.001690	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	0.90	0.001266	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-0.30	-0.000422	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-0.50	-0.000703	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	1.00	0.001406	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	3.20	0.004501	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-0.70	-0.000985	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	0.20	0.000281	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-0.80	-0.001125	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	1.10	0.001547	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-30	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-20	-1.40	-0.001975	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	-10	0.90	0.001269	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	0	-2.20	-0.003103	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	10	1.40	0.001975	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	20	-2.50	-0.003526	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	30	1.20	0.001693	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	40	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23780	50RB#0	NV	50	0.40	0.000564	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-30	-2.70	-0.003803	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-20	-2.70	-0.003803	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	-10	-2.50	-0.003521	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	0	-1.30	-0.001831	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	10	-3.90	-0.005493	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	20	-0.30	-0.000423	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	30	-3.80	-0.005352	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	40	-4.40	-0.006197	±2.5	PASS
Band17	10MHz	64QAM	23790	50RB#0	NV	50	-1.80	-0.002535	±2.5	PASS



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Band17	10MHz	64QAM	23800	50RB#0	NV	-30	1.20	0.001688	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-20	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	-10	-0.40	-0.000563	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	0	-2.20	-0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	10	0.50	0.000703	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	20	-2.60	-0.003657	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	30	0.50	0.000703	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	40	2.20	0.003094	±2.5	PASS
Band17	10MHz	64QAM	23800	50RB#0	NV	50	-0.60	-0.000844	±2.5	PASS

The End

