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# Appendix B

E-UTRA Band 66



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#### 1 Effective (Isotropic) Radiated Power

#### 1.1 Test Result

Band	Bandwidt	Modulation	Channel	RB	Result	EIRP	Limit	Verdict
D 100	h	0.001/	404070	Config.	(dBm)	(dBm)	(dBm)	DAGG
Band66	1.4MHz	QPSK	131979	1RB#0	22.34	16.34	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.57	16.57	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.59	16.59	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	22.62	16.62	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.66	16.66	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	22.62	16.62	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.70	15.7	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.43	16.43	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.59	16.59	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.39	16.39	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	22.62	16.62	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	22.68	16.68	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	22.55	16.55	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.49	15.49	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.91	15.91	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.99	15.99	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.88	15.88	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	22.01	16.01	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	22.08	16.08	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	22.00	16	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	20.98	14.98	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.12	15.12	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.24	15.24	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.18	15.18	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.70	15.7	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.71	15.71	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.53	15.53	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.65	14.65	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.07	15.07	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.16	15.16	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.08	15.08	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	21.65	15.65	30.00	PASS



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D 100	4 4 1 1 1 -	100 111	400000	0DD#4	04.74	45.74	00.00	DAGG
Band66	1.4MHz	16QAM	132322	3RB#1	21.71	15.71	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	21.62	15.62	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.61	14.61	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	20.56	14.56	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	20.71	14.71	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.48	14.48	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	21.14	15.14	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.92	14.92	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.16	15.16	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.31	14.31	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.65	16.65	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.64	16.64	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.26	16.26	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.53	15.53	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.59	15.59	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.56	15.56	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.52	15.52	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.44	16.44	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.53	16.53	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.26	16.26	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.53	15.53	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.52	15.52	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.47	15.47	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.44	15.44	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.03	16.03	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.02	16.02	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.69	15.69	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.10	15.1	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.04	15.04	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.01	15.01	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.08	15.08	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.14	15.14	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.13	15.13	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.21	15.21	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.44	14.44	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.45	14.45	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.62	14.62	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.60	14.6	30.00	PASS



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Band66	3MHz	16QAM	132322	1RB#0	21.23	15.23	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.10	15.1	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.11	15.11	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.44	14.44	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.42	14.42	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.41	14.41	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.56	14.56	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	20.37	14.37	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.38	14.38	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.74	14.74	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	19.92	13.92	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	19.91	13.91	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	19.87	13.87	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.18	14.18	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.34	16.34	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.87	16.87	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.21	16.21	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.57	15.57	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.59	15.59	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.50	15.5	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.54	15.54	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.39	16.39	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.66	16.66	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.10	16.1	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.50	15.5	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.56	15.56	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.36	15.36	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.50	15.5	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	21.77	15.77	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.09	16.09	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.66	15.66	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.14	15.14	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.06	15.06	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.83	14.83	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.07	15.07	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.09	15.09	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.49	15.49	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.11	15.11	30.00	PASS



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Band66	5MHz	16QAM	131997	12RB#0	20.40	14.4	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.44	14.44	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.45	14.45	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.61	14.61	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.25	15.25	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.43	15.43	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.08	15.08	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	20.39	14.39	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.46	14.46	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.60	14.6	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.63	14.63	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	20.41	14.41	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.41	15.41	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.21	14.21	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	19.91	13.91	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	19.89	13.89	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	19.88	13.88	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	19.98	13.98	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.53	16.53	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.93	16.93	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.41	16.41	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.72	15.72	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.68	15.68	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.59	15.59	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.61	15.61	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.61	16.61	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.93	16.93	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.06	16.06	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.71	15.71	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.70	15.7	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.36	15.36	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.47	15.47	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.97	15.97	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.35	16.35	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.47	15.47	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.25	15.25	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.18	15.18	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	20.78	14.78	30.00	PASS



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DondCC	101411-	ODCK	100000	E0DD#0	01.00	15.00	20.00	DACC
Band66	10MHz	QPSK	132622	50RB#0	21.03	15.03	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.31	15.31	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.44	15.44	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.29	15.29	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.56	14.56	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.70	14.7	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.61	14.61	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.61	14.61	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.42	15.42	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.02	16.02	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.10	15.1	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.69	14.69	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.61	14.61	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.47	14.47	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.59	14.59	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	20.70	14.7	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	20.82	14.82	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	20.67	14.67	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.18	14.18	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.19	14.19	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.20	14.2	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.04	14.04	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.51	16.51	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.47	17.47	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.32	16.32	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.31	16.31	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.97	16.97	30.00	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.91	16.91	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.57	15.57	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.57	16.57	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.75	16.75	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.89	15.89	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#0	22.58	16.58	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#18	22.78	16.78	30.00	PASS
Band66	15MHz	QPSK	132322	38RB#37	22.68	16.68	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.44	15.44	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.00	16	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.50	16.5	30.00	PASS



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Band66	15MHz	QPSK	132597	1RB#74	21.30	15.3	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#0	22.06	16.06	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#18	22.50	16.5	30.00	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.23	16.23	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.01	15.01	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.05	15.05	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.27	15.27	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.17	15.17	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#0	21.30	15.3	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#18	21.31	15.31	30.00	PASS
Band66	15MHz	16QAM	132047	38RB#37	21.64	15.64	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.60	14.6	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.44	15.44	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.14	15.14	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.08	15.08	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#0	21.38	15.38	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#18	21.27	15.27	30.00	PASS
Band66	15MHz	16QAM	132322	38RB#37	21.13	15.13	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.58	14.58	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	20.87	14.87	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	20.72	14.72	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	20.68	14.68	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#0	20.83	14.83	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#18	20.78	14.78	30.00	PASS
Band66	15MHz	16QAM	132597	38RB#37	21.31	15.31	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.15	14.15	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.41	16.41	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.37	17.37	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.17	16.17	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.77	15.77	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.68	15.68	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.56	15.56	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.65	15.65	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.57	16.57	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.03	17.03	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.15	16.15	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.75	15.75	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.73	15.73	30.00	PASS



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Band66         20MHz         QPSK         132322         50RB#50         21.35         15.35         30.00         PASS           Band66         20MHz         QPSK         132322         100RB#0         21.59         15.59         30.00         PASS           Band66         20MHz         QPSK         132572         1RB#0         22.00         16         30.00         PASS           Band66         20MHz         QPSK         132572         1RB#49         22.55         16.55         30.00         PASS           Band66         20MHz         QPSK         132572         1RB#99         21.39         15.39         30.00         PASS           Band66         20MHz         QPSK         132572         50RB#0         21.26         15.26         30.00         PASS           Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PASS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PASS           Band66         20MHz         QPSK         132572         100RB#0         21.13         15.13         30.00         PASS
Band66         20MHz         QPSK         132572         1RB#0         22.00         16         30.00         PAS           Band66         20MHz         QPSK         132572         1RB#49         22.55         16.55         30.00         PAS           Band66         20MHz         QPSK         132572         1RB#99         21.39         15.39         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#0         21.26         15.26         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PAS
Band66         20MHz         QPSK         132572         1RB#49         22.55         16.55         30.00         PAS           Band66         20MHz         QPSK         132572         1RB#99         21.39         15.39         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#0         21.26         15.26         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PAS
Band66         20MHz         QPSK         132572         1RB#99         21.39         15.39         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#0         21.26         15.26         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PAS
Band66         20MHz         QPSK         132572         50RB#0         21.26         15.26         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PAS
Band66         20MHz         QPSK         132572         50RB#25         21.42         15.42         30.00         PAS           Band66         20MHz         QPSK         132572         50RB#50         20.83         14.83         30.00         PAS
Band66 20MHz QPSK 132572 50RB#50 20.83 14.83 30.00 PAS
Band66         20MHz         QPSK         132572         100RB#0         21.13         15.13         30.00         PAS
Band66 20MHz 16QAM 132072 1RB#0 21.20 15.2 30.00 PAS
Band66         20MHz         16QAM         132072         1RB#49         21.49         15.49         30.00         PAS
Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PAS
Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PAS
Band66         20MHz         16QAM         132072         50RB#25         20.60         14.6         30.00         PAS
Band66         20MHz         16QAM         132072         50RB#50         20.66         14.66         30.00         PAS
Band66         20MHz         16QAM         132072         100RB#0         20.67         14.67         30.00         PAS
Band66         20MHz         16QAM         132322         1RB#0         21.34         15.34         30.00         PAS
Band66         20MHz         16QAM         132322         1RB#49         21.27         15.27         30.00         PAS
Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PAS
Band66         20MHz         16QAM         132322         50RB#0         20.66         14.66         30.00         PAS
Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PAS
Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PAS
Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PAS
Band66         20MHz         16QAM         132572         1RB#0         21.03         15.03         30.00         PAS
Band66         20MHz         16QAM         132572         1RB#49         20.90         14.9         30.00         PAS
Band66         20MHz         16QAM         132572         1RB#99         20.73         14.73         30.00         PAS
Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PAS
Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PAS
Band66         20MHz         16QAM         132572         50RB#50         20.16         14.16         30.00         PAS
Band66         20MHz         16QAM         132572         100RB#0         20.15         14.15         30.00         PAS

#### Remark:

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

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

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



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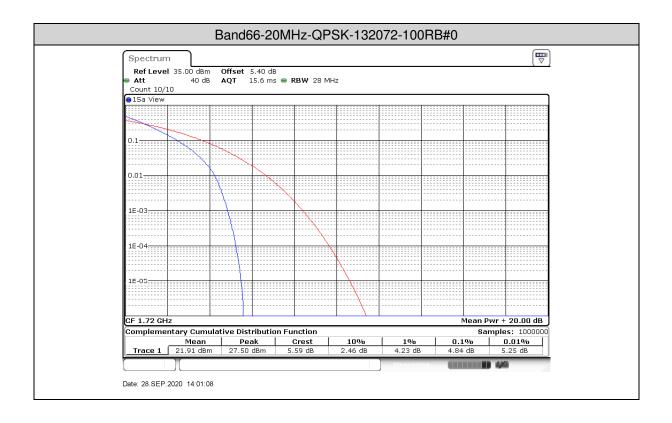
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#### 2 Peak-to-Average Ratio (CCDF)

#### 2.1 Test Result

Band	Bandwidt h	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.84	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.13	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.13	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.68	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.00	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.97	13	PASS

#### 2.2 Test Plots

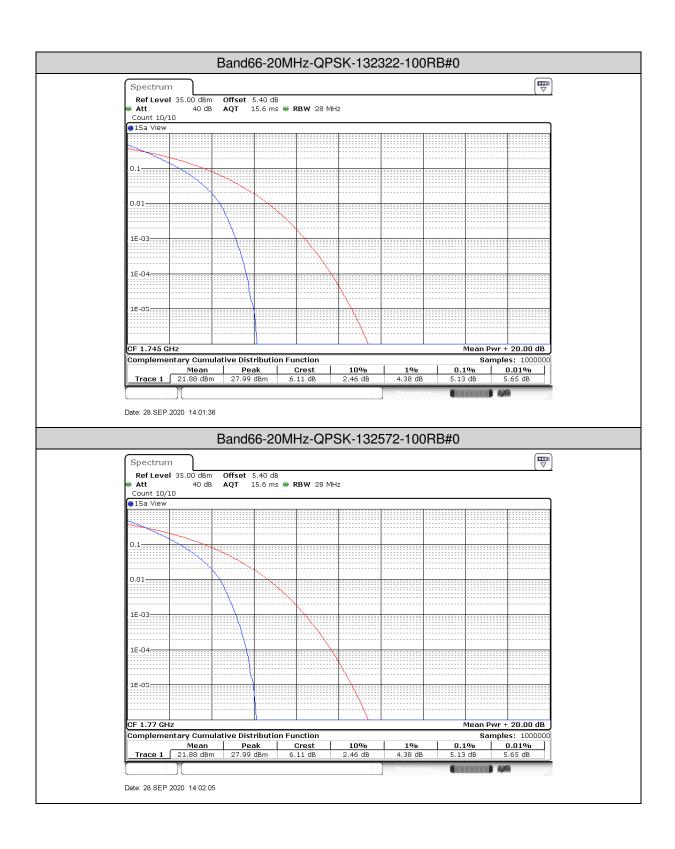




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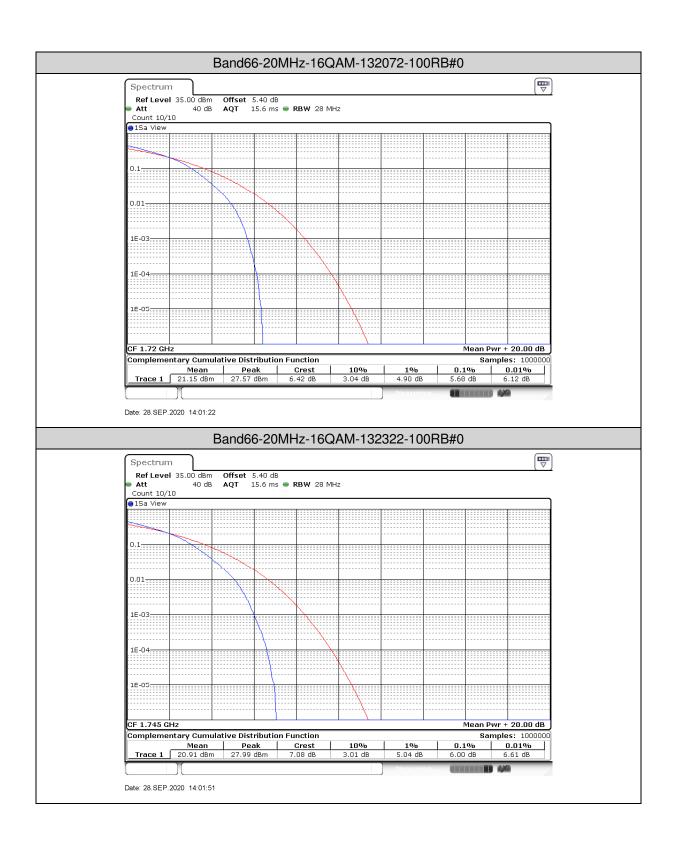
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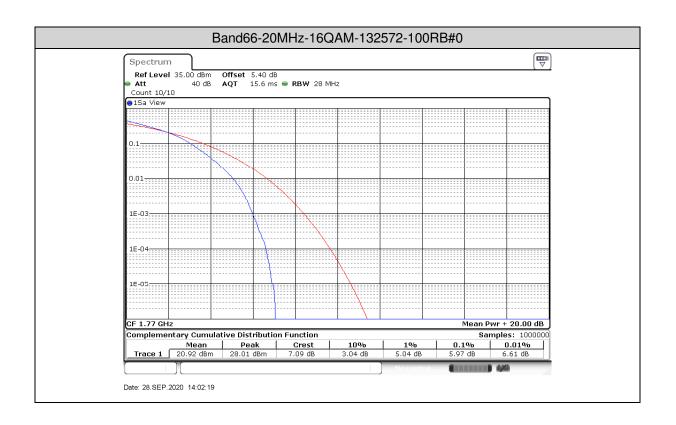




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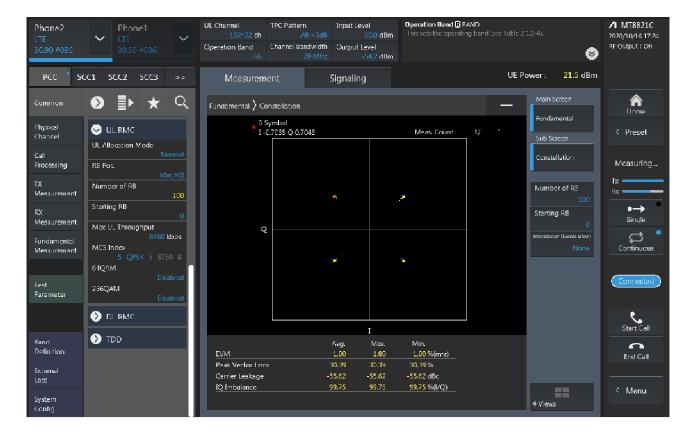
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#### **Modulation Characteristics**

#### 3.1 Test Mode = LTE /TM1 20MHz

#### Test Channel = MCH 3.1.1

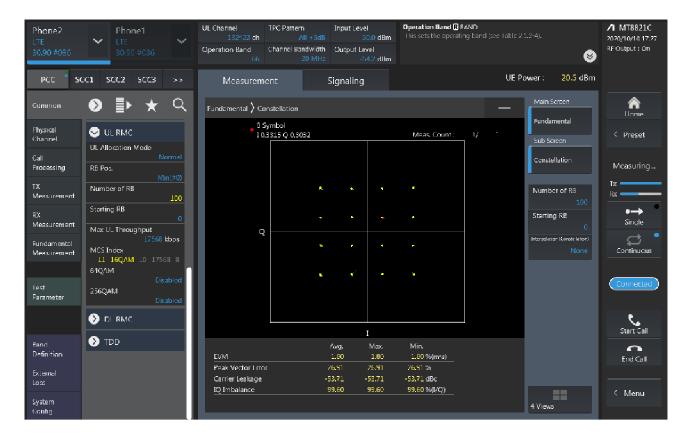




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#### 3.2 Test Mode = LTE /TM2 20MHz

#### 3.2.1 Test Channel = MCH





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#### 26dB Bandwidth and Occupied Bandwidth

#### **Test Result** 4.1

Band	Bandwidt h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.094	1.293	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.281	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.302	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.281	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.284	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	3.006	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.982	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.994	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.976	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.976	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.976	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.910	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.920	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.466	4.930	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.960	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.476	4.940	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.486	4.930	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.700	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.911	9.680	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.911	9.660	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.911	9.760	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.911	9.740	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.911	9.720	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.427	14.700	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.790	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.427	14.700	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.427	14.670	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.397	14.790	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.862	19.240	PASS



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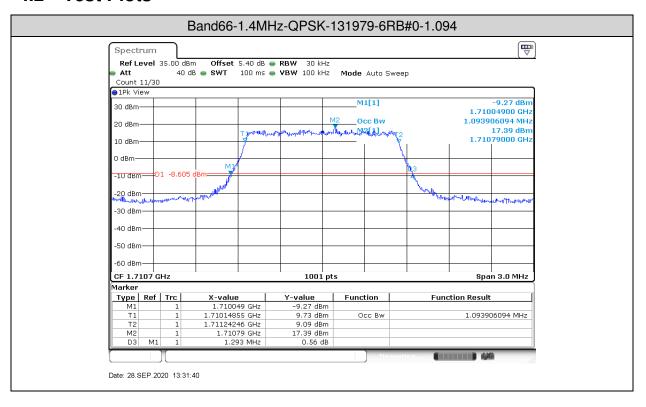


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Band66	20MHz	QPSK	132322	100RB#0	17.862	19.440	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.822	19.400	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.862	19.320	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.440	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.862	19.440	PASS

#### 4.2 **Test Plots**



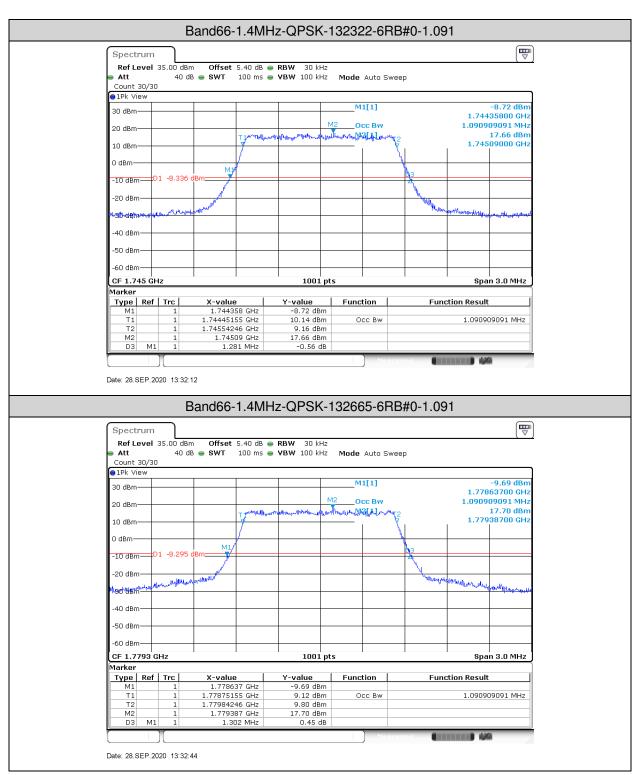


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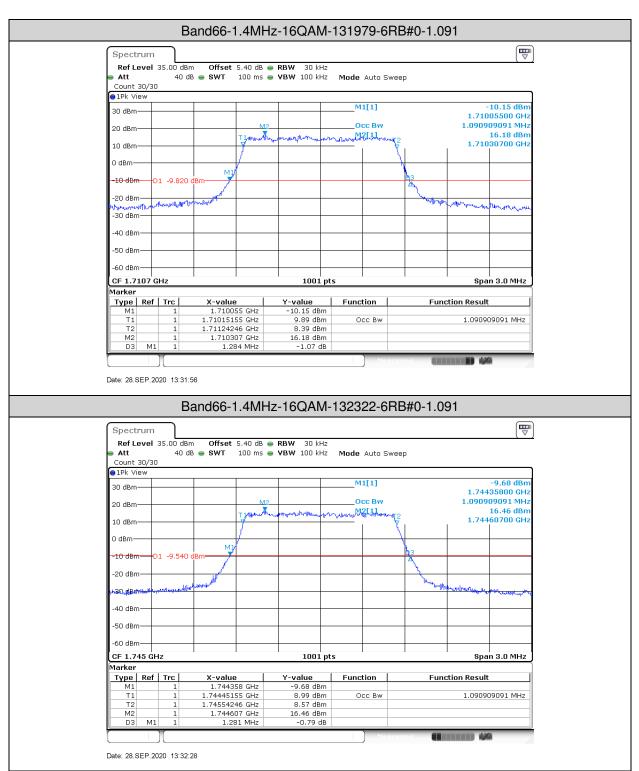
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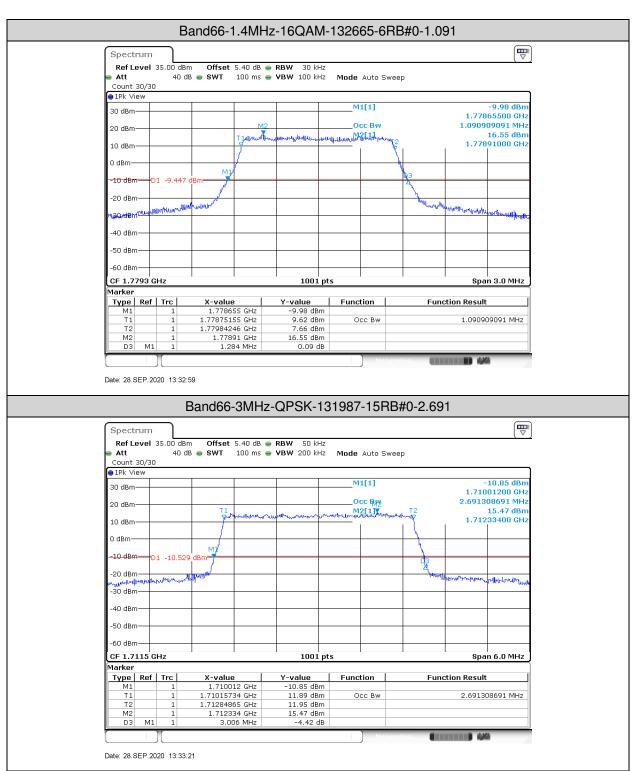
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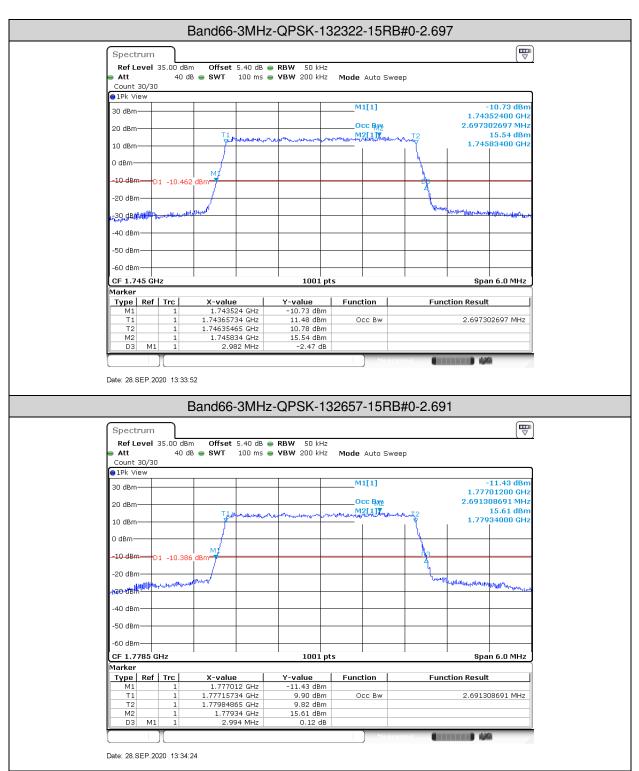
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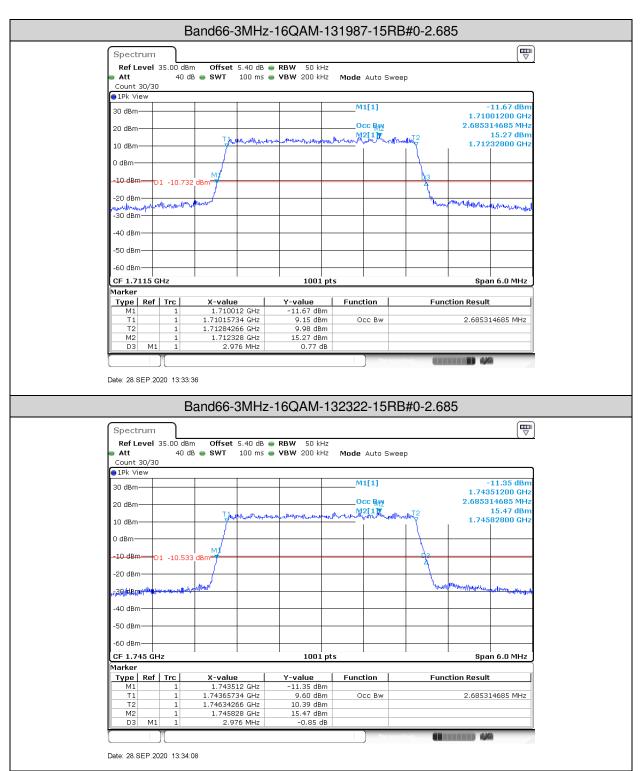
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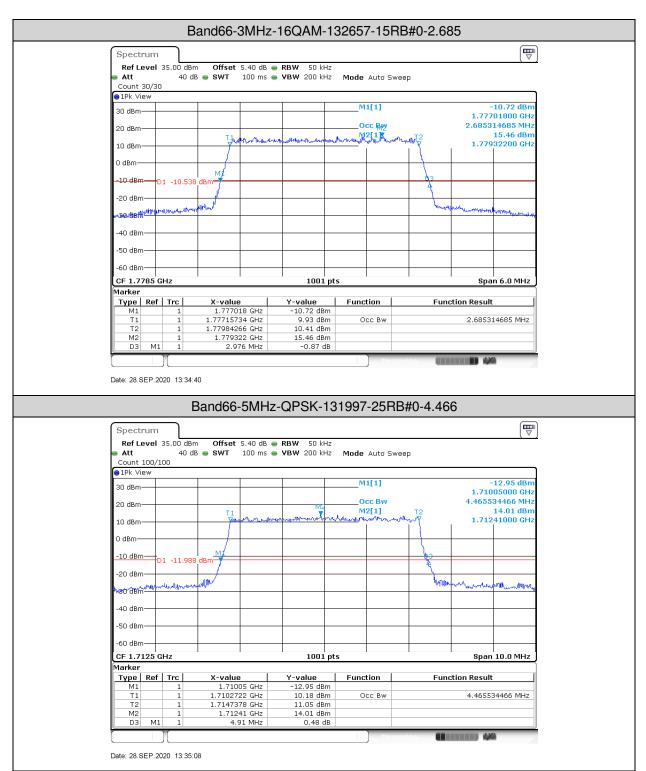
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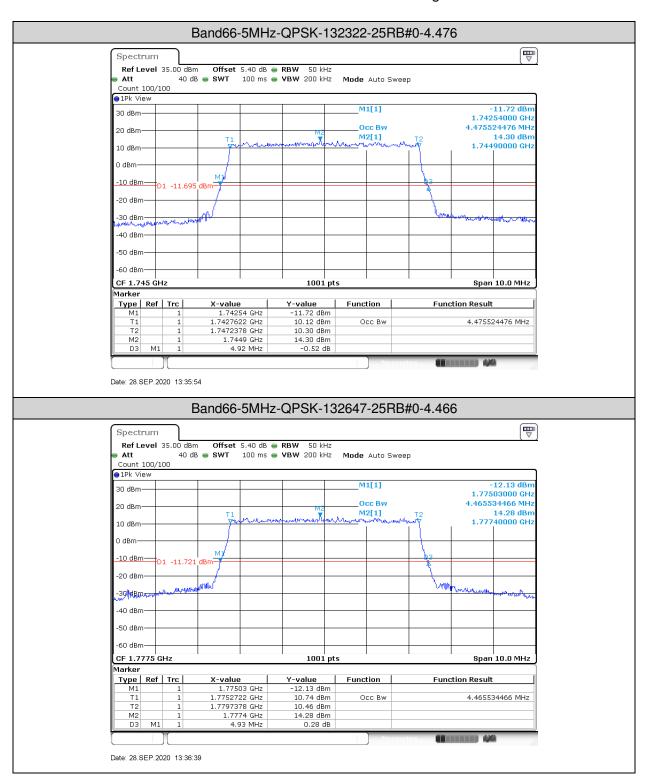
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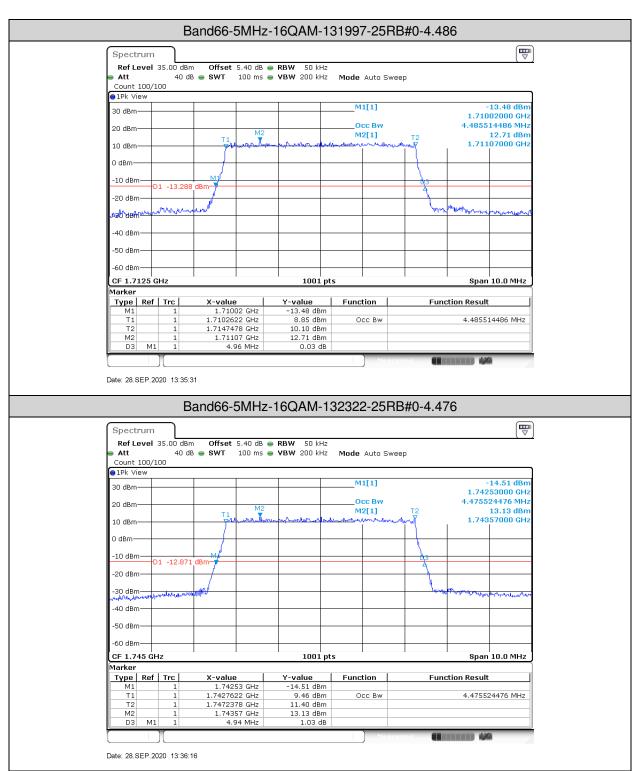
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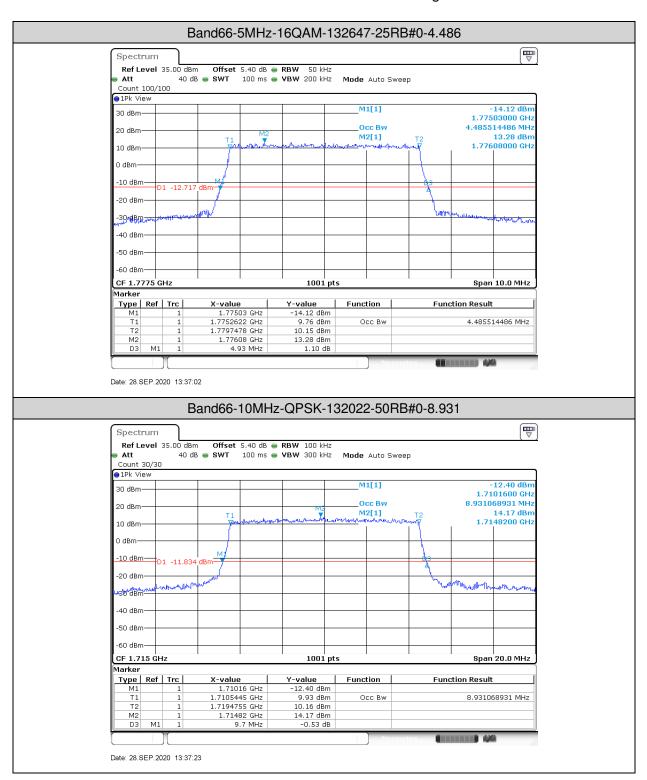
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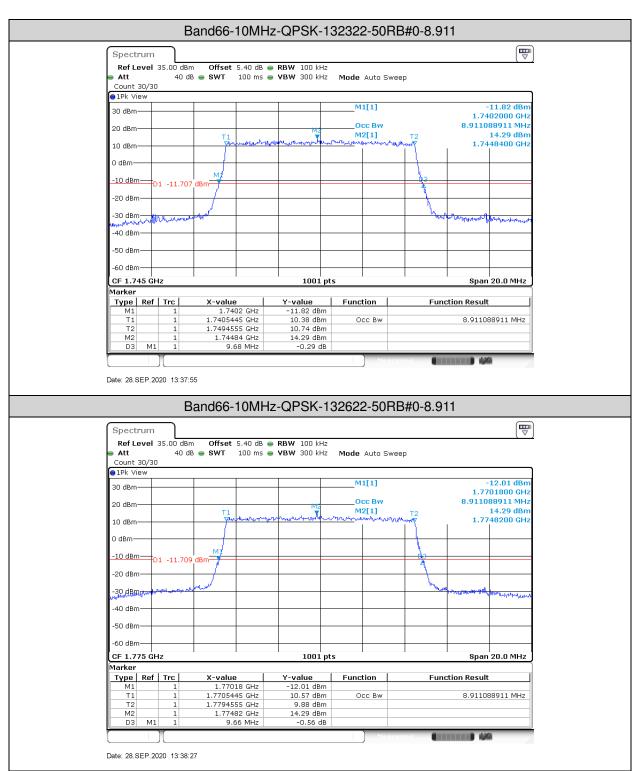
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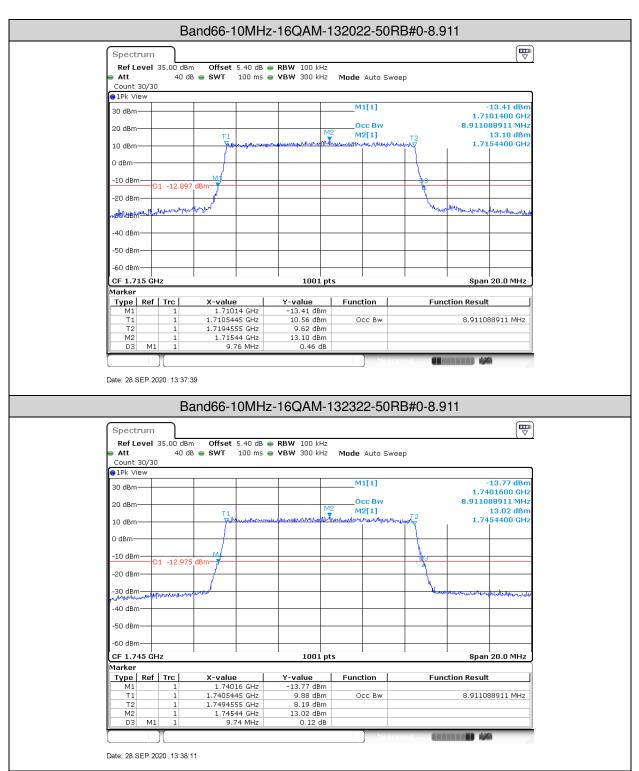
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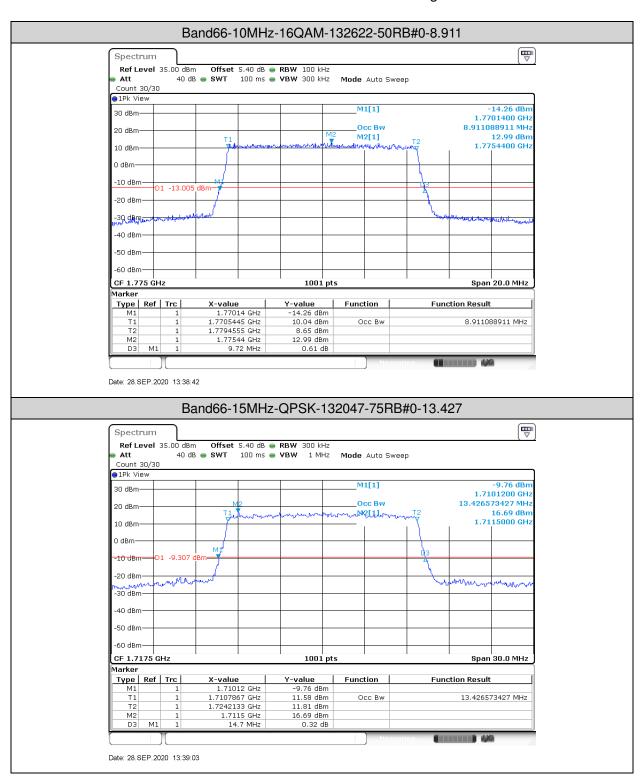
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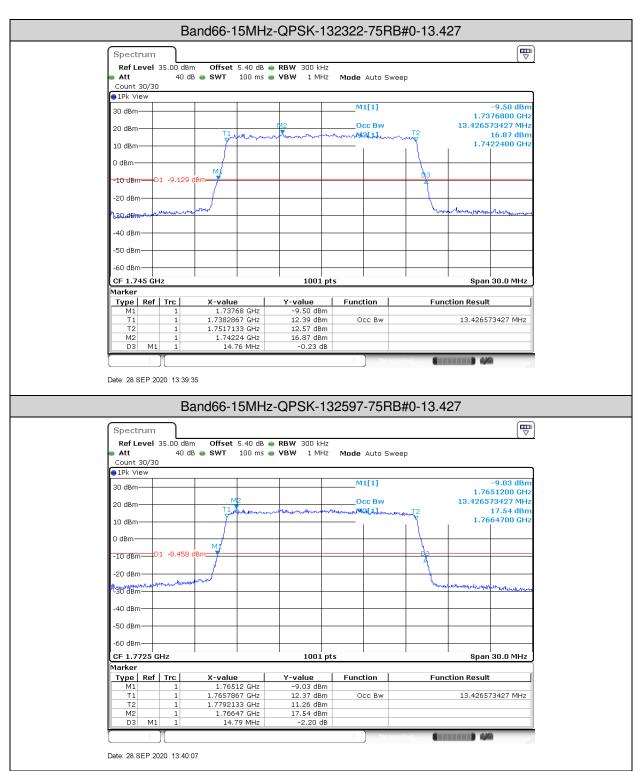
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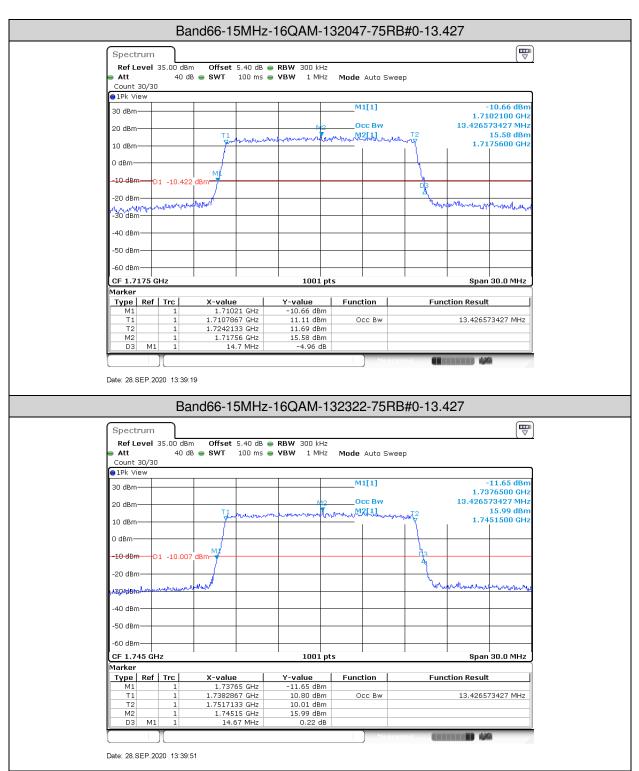
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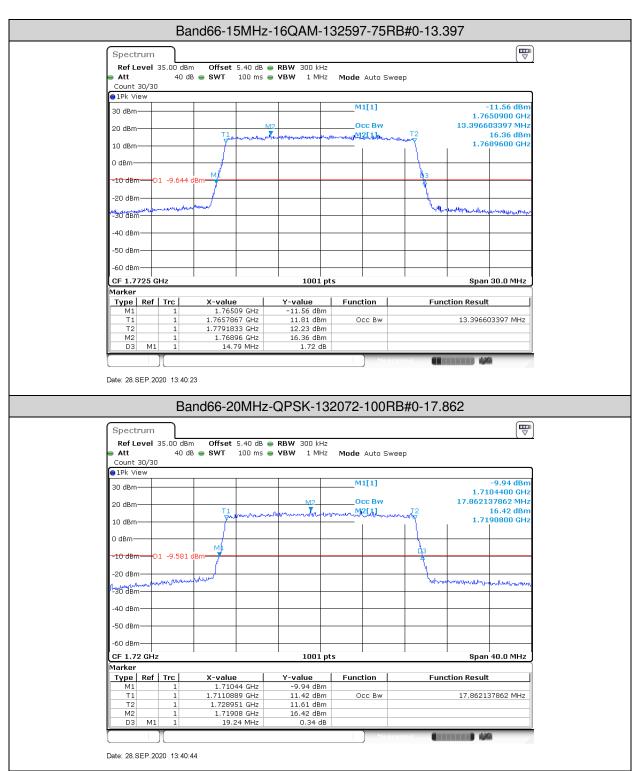
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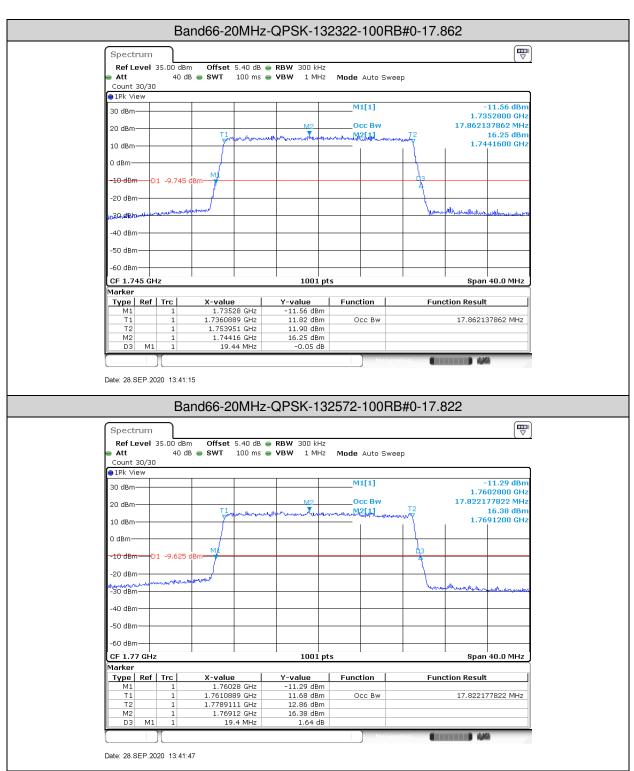
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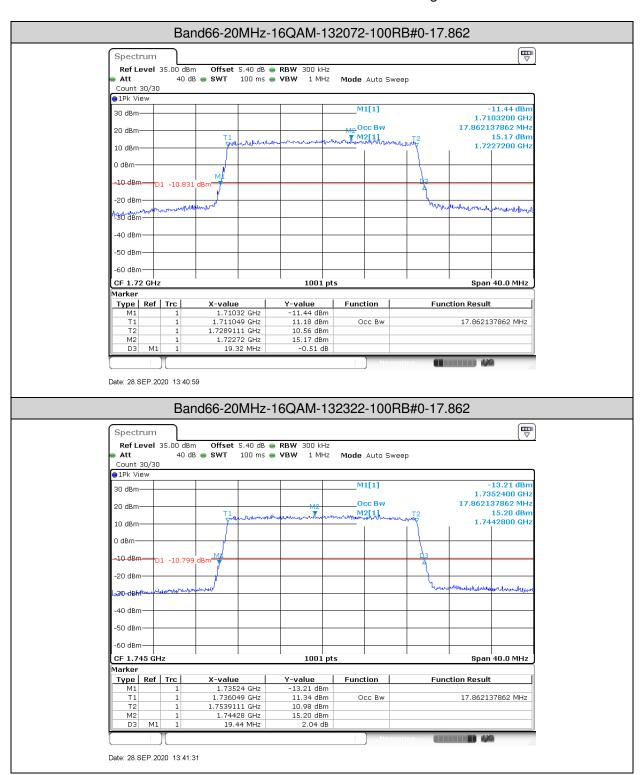
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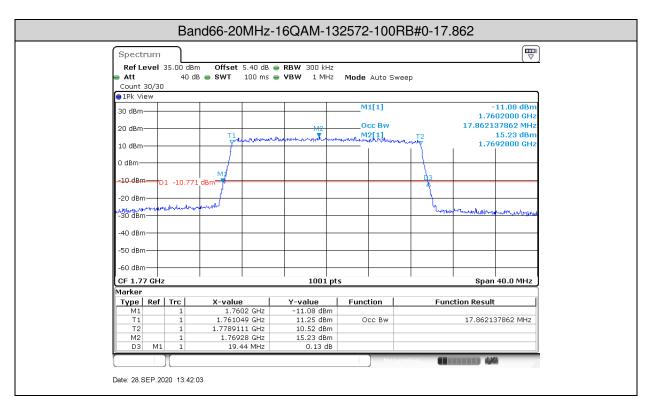
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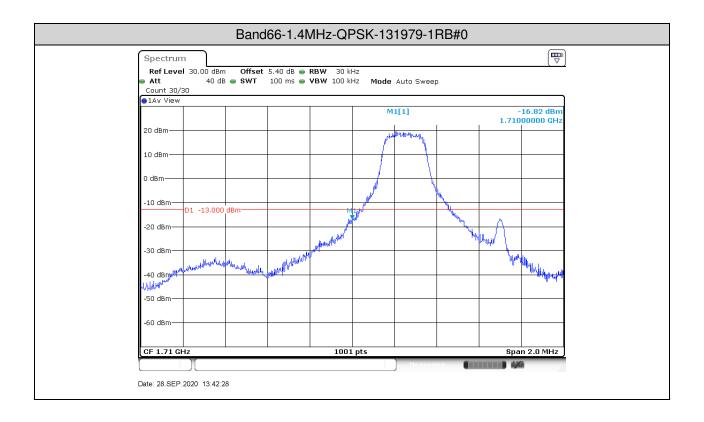
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#### **Band Edge Compliance**

#### 5.1Test Plots



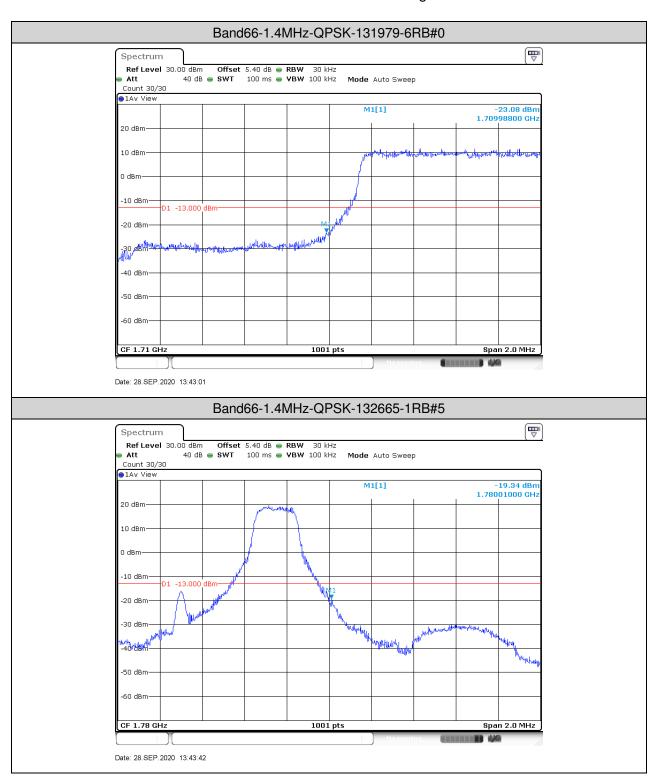


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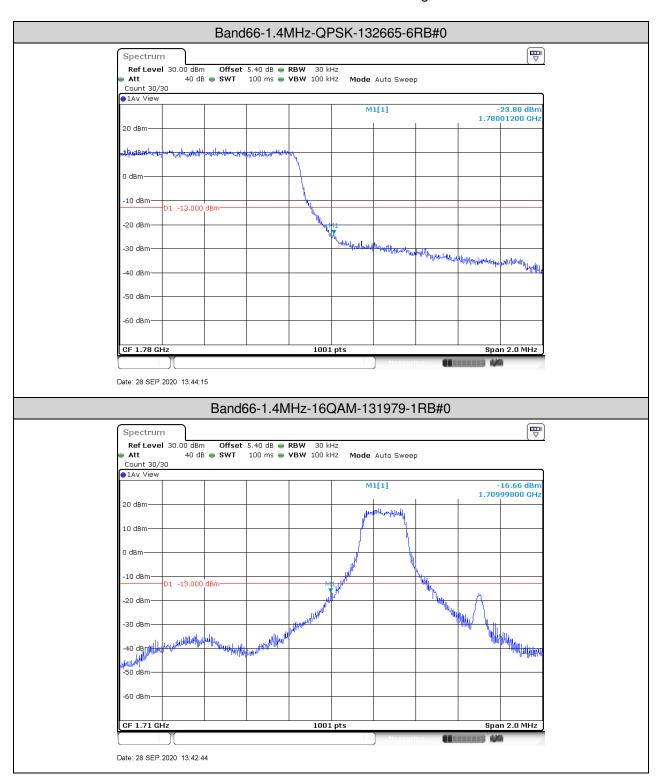
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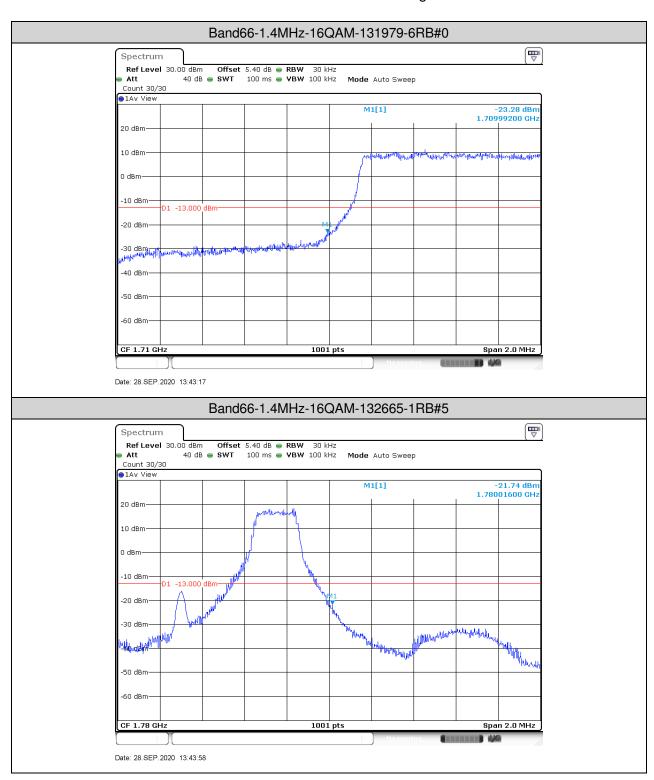


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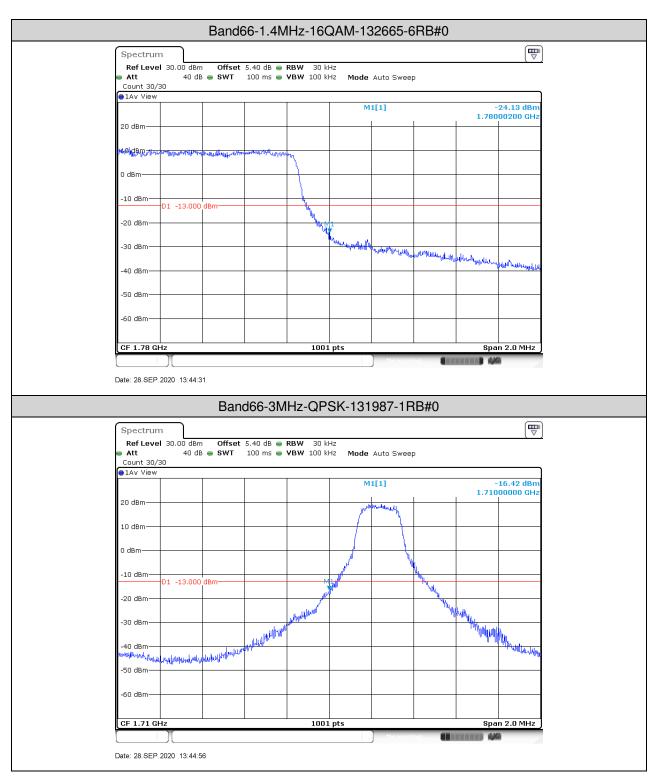
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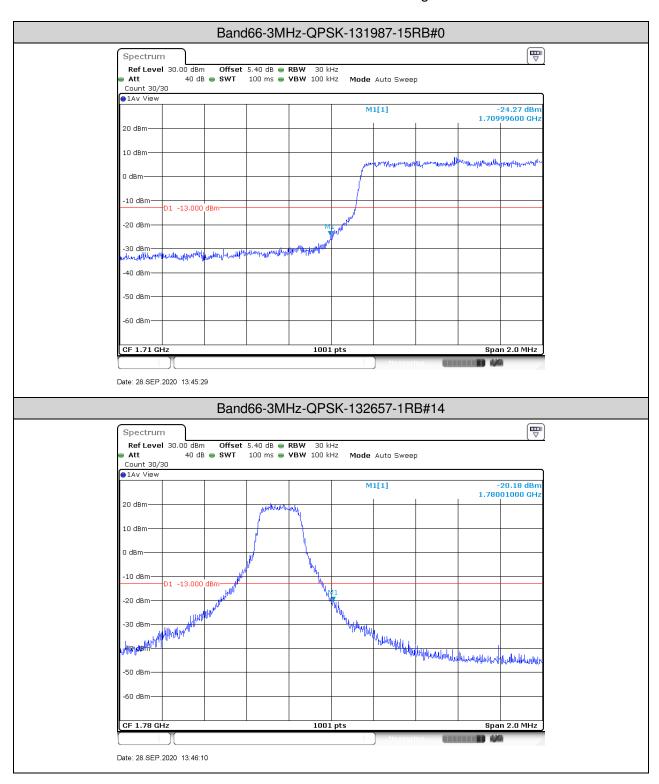
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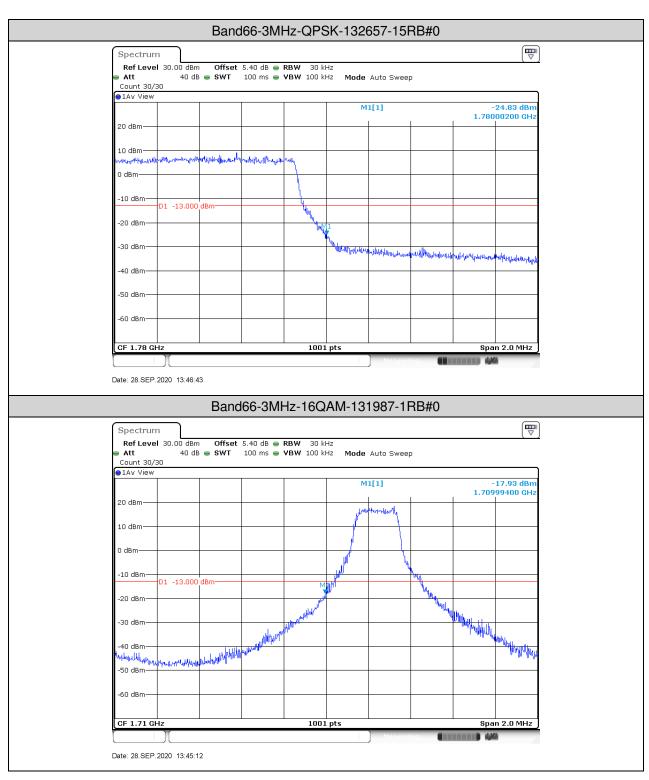
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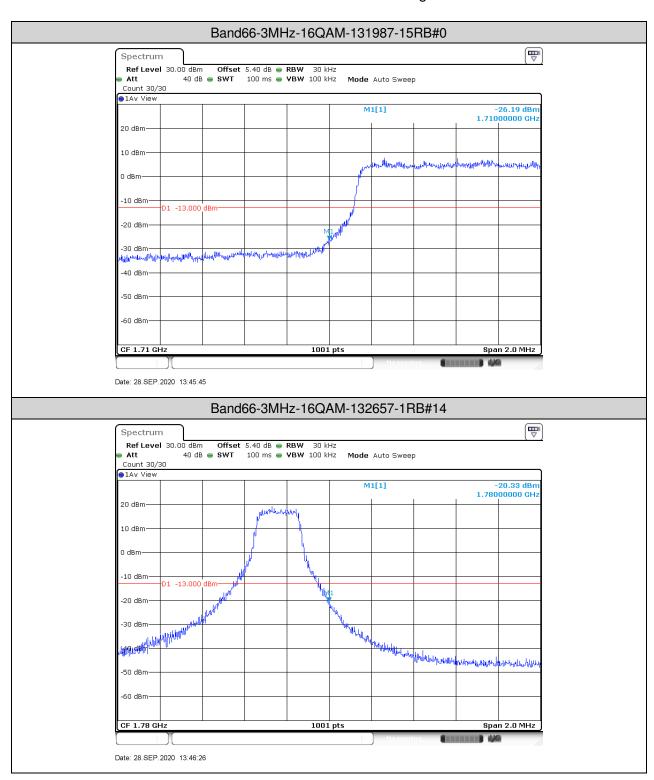
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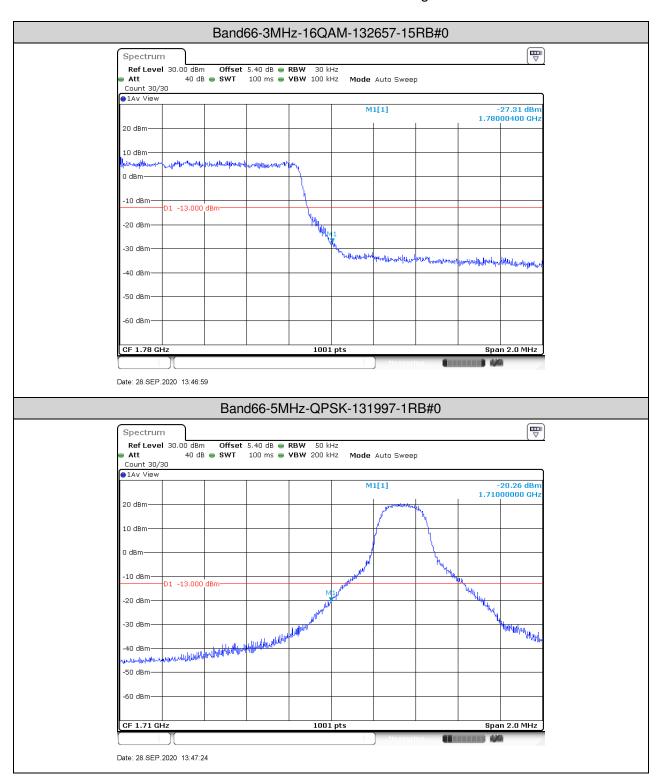
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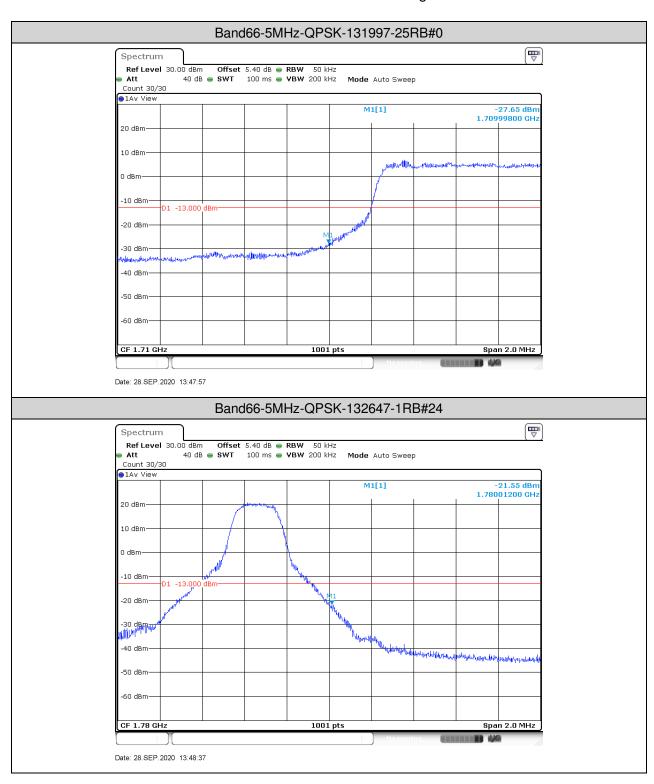
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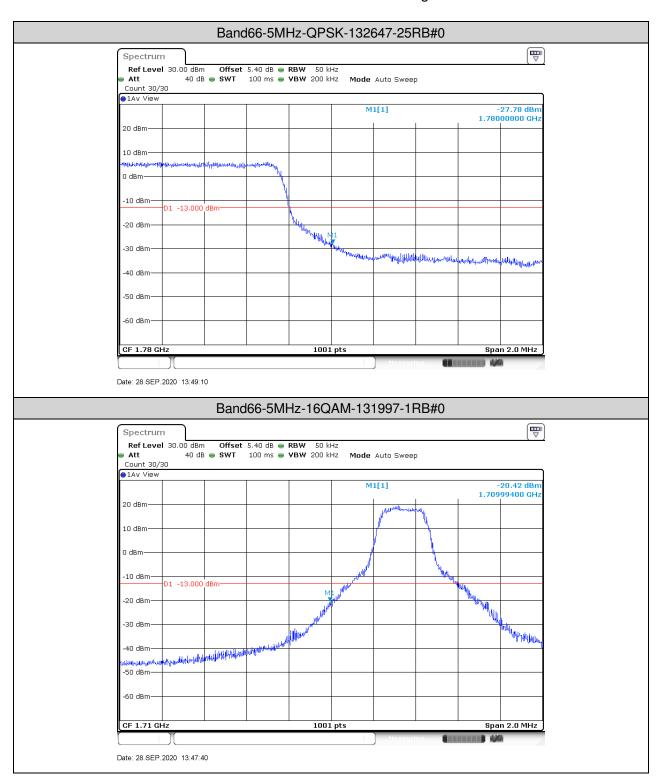
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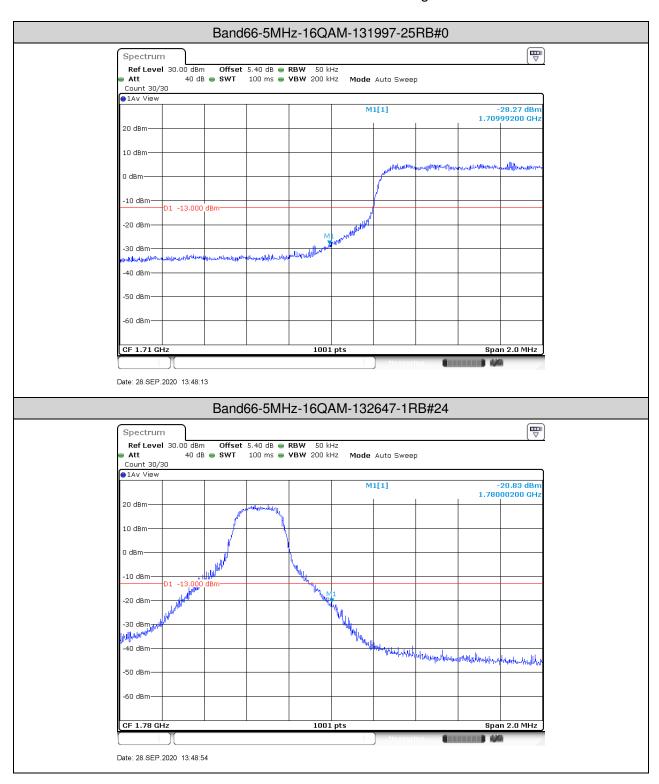
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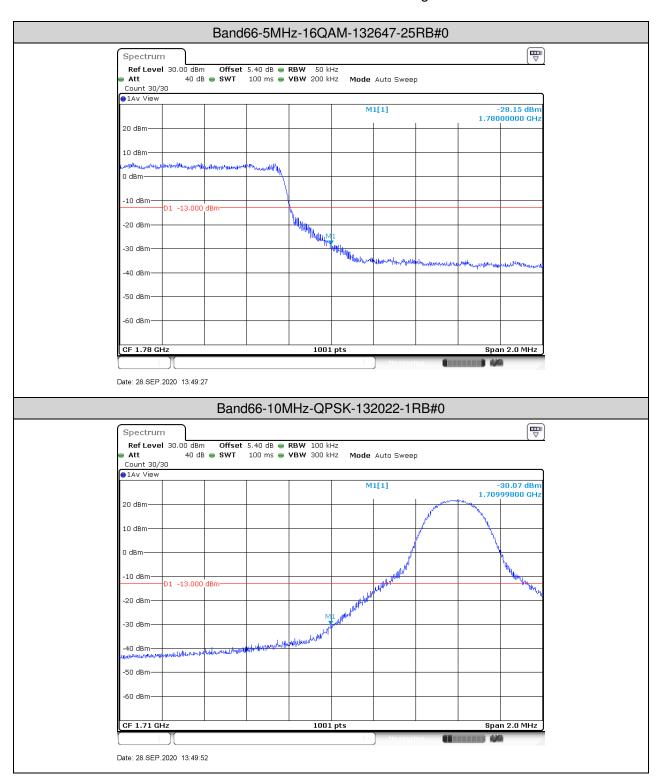


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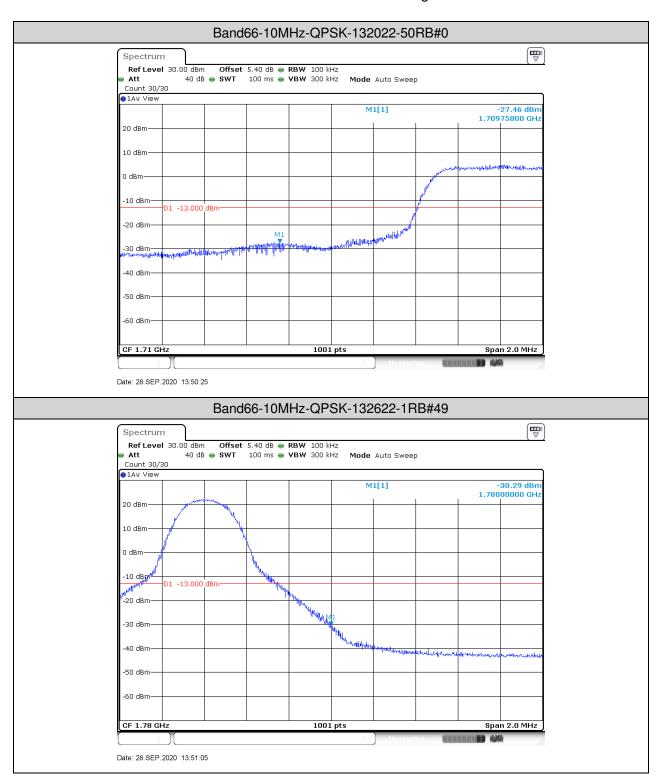
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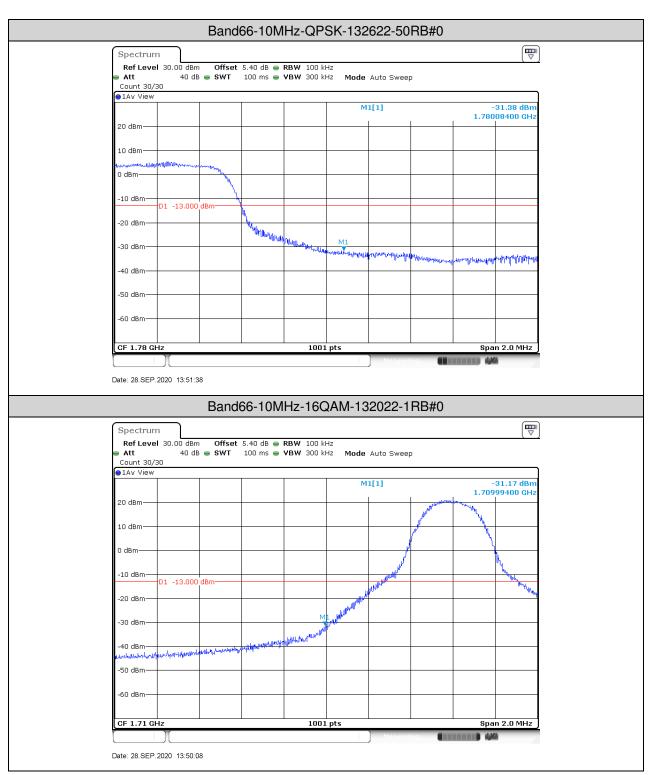


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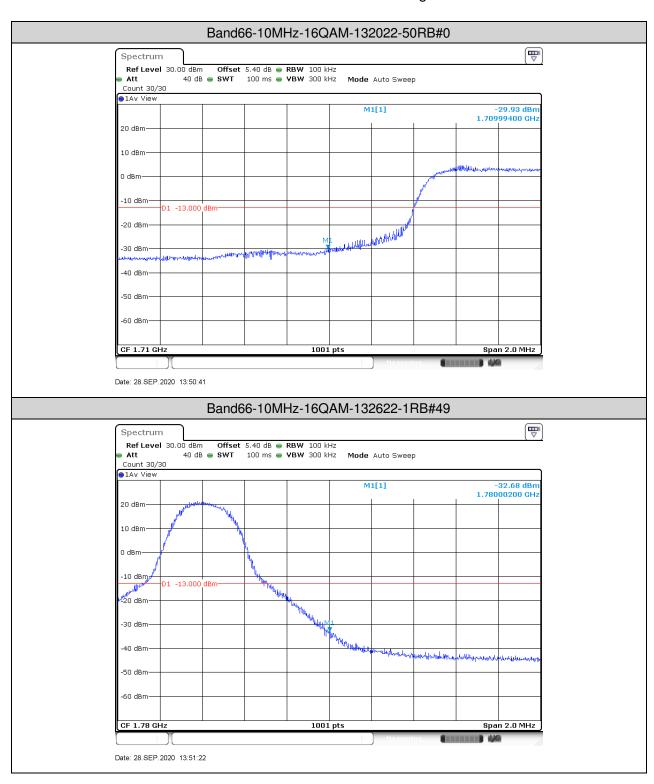
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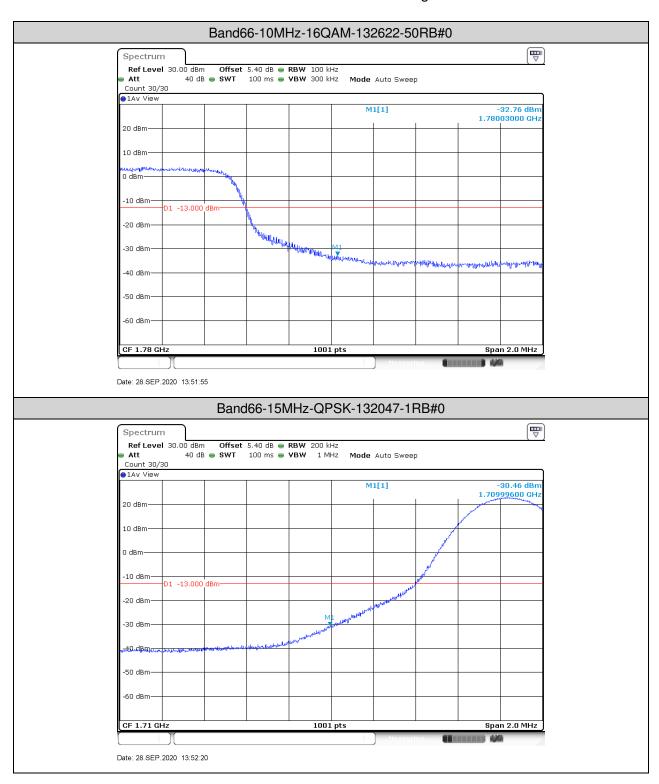
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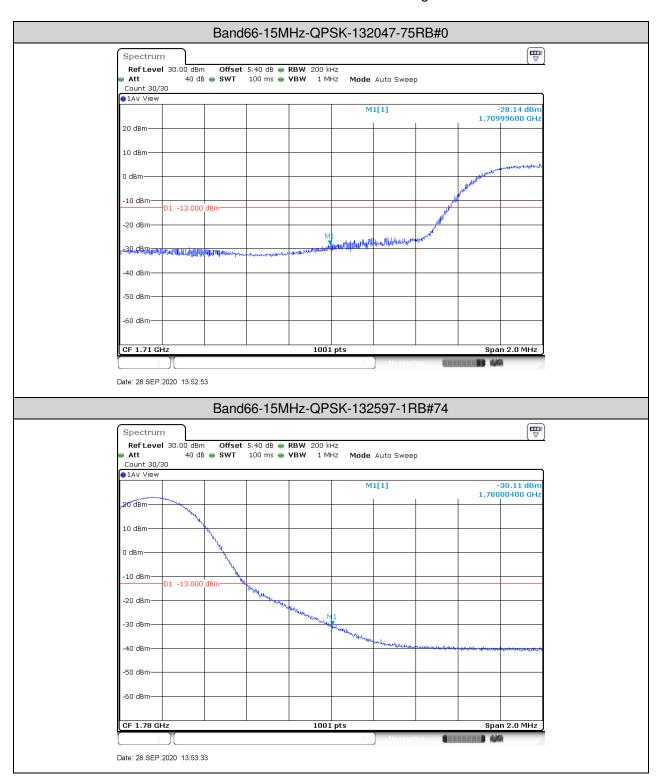
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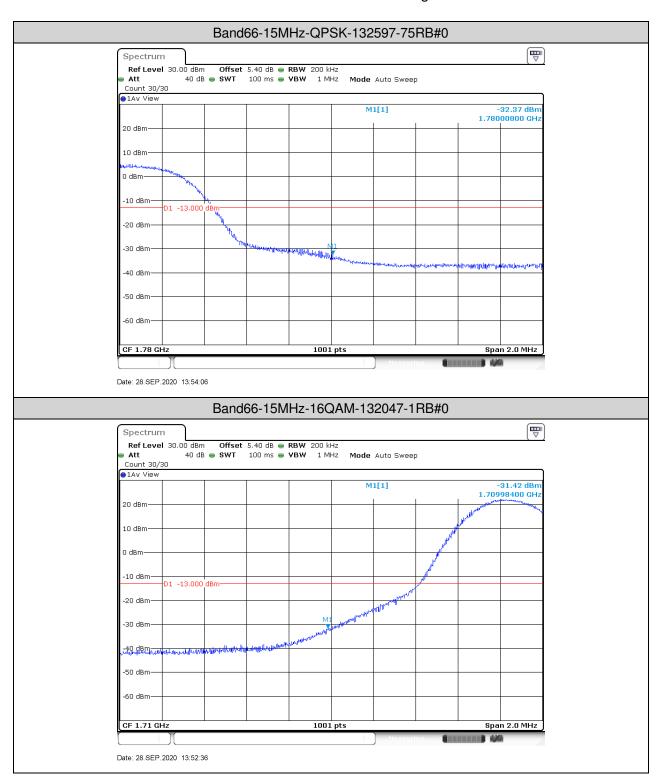
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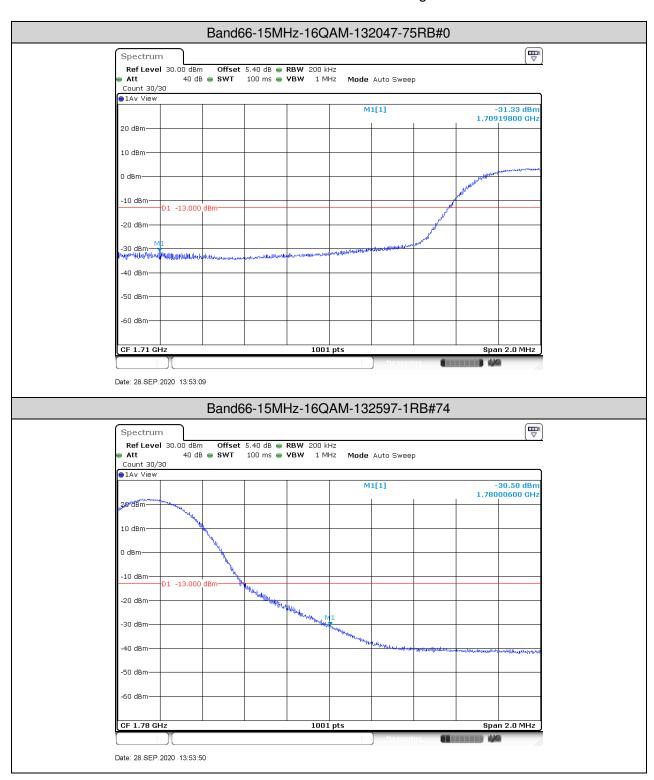
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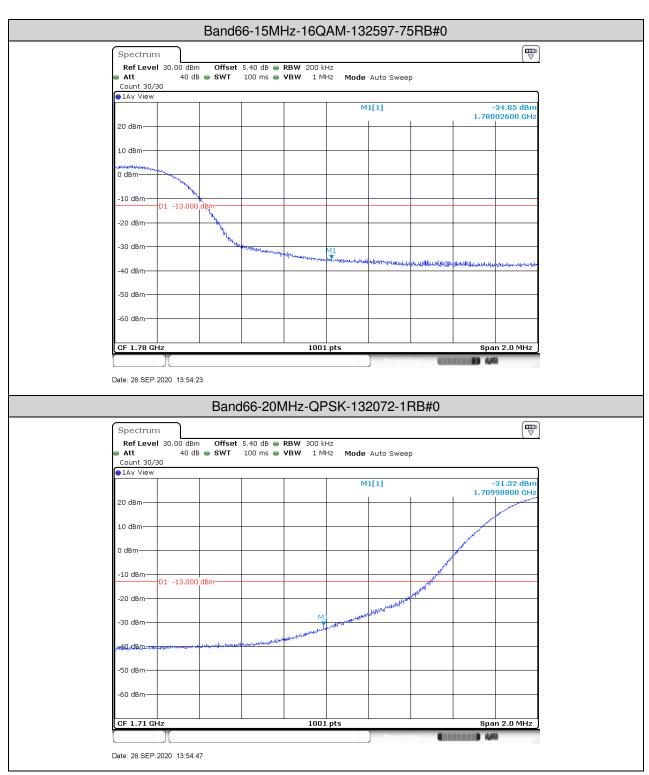
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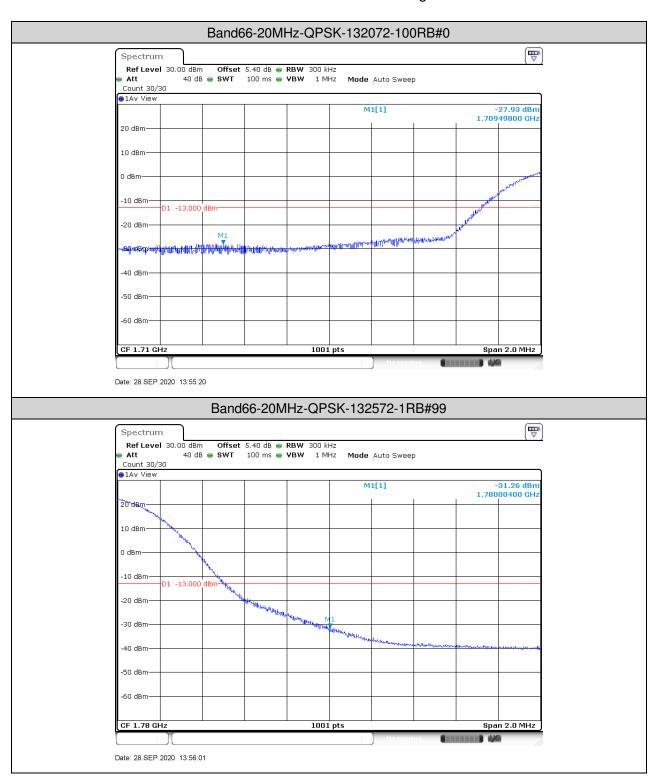
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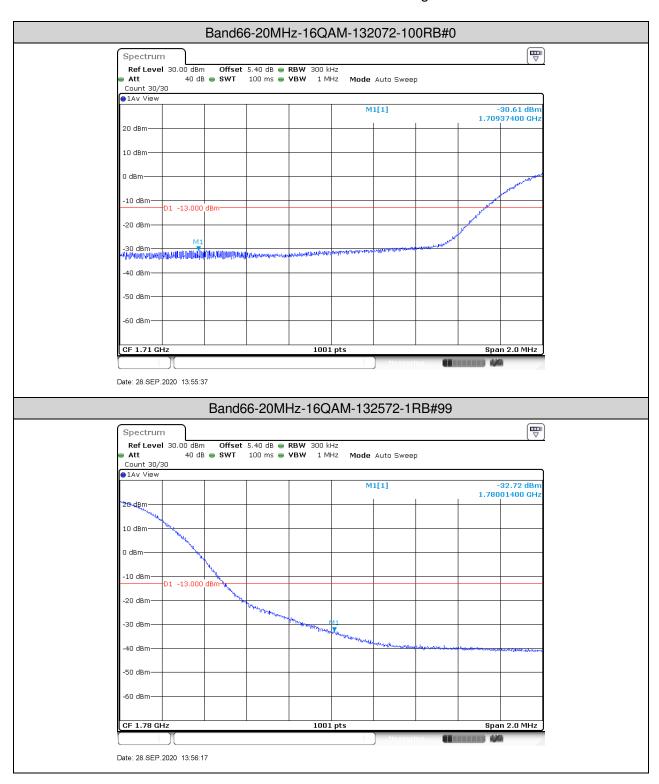


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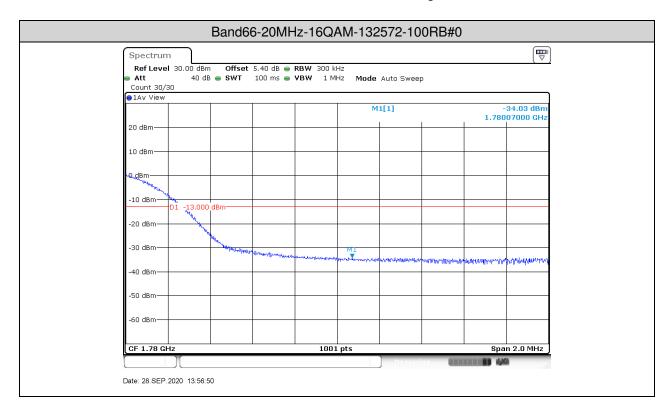
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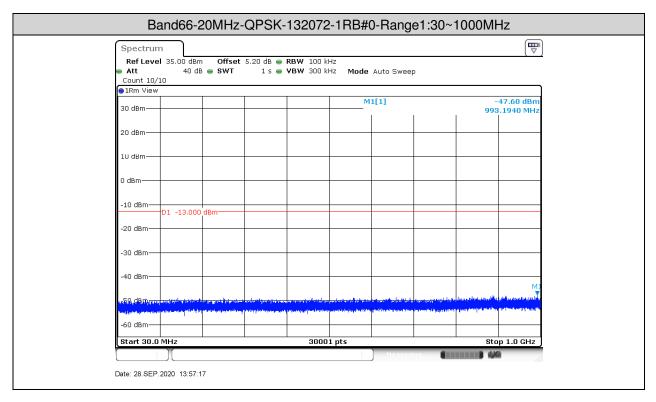
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### **Spurious Emission at Antenna Terminal**

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**

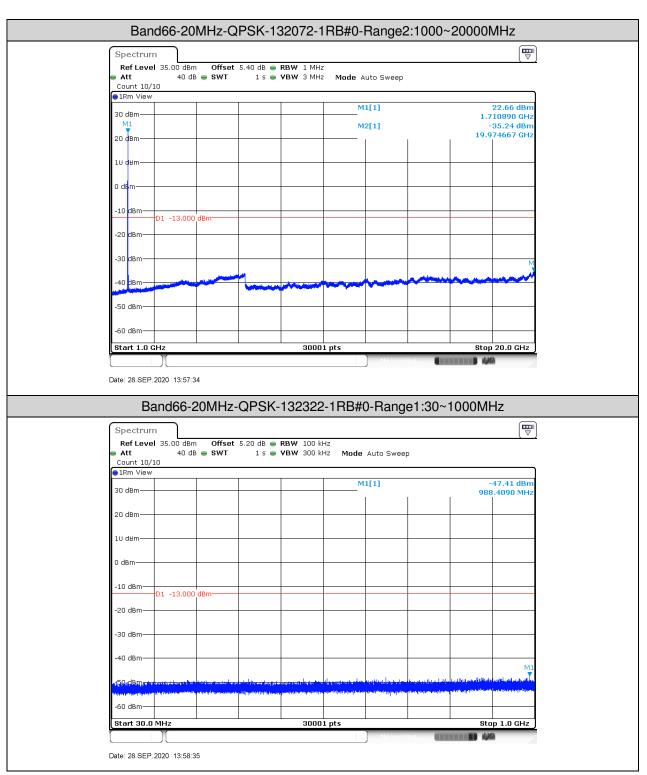






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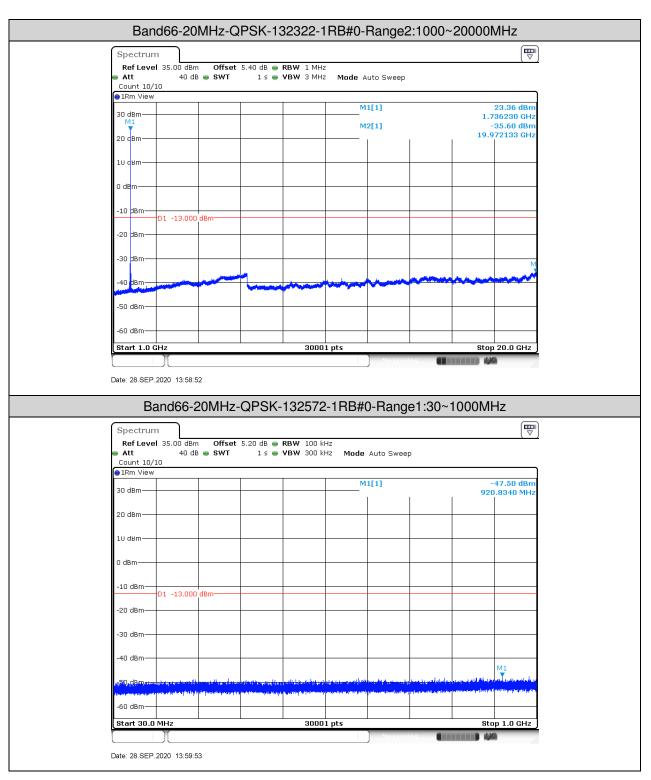
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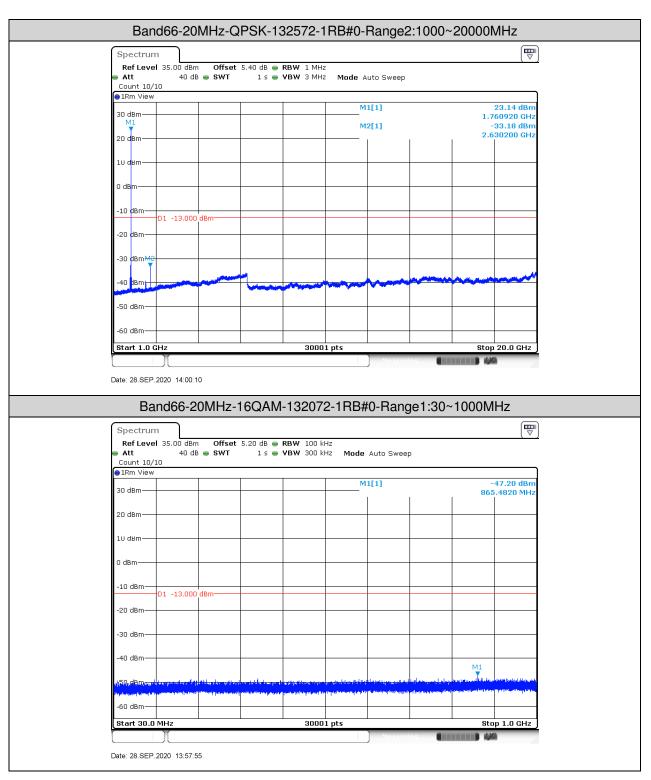
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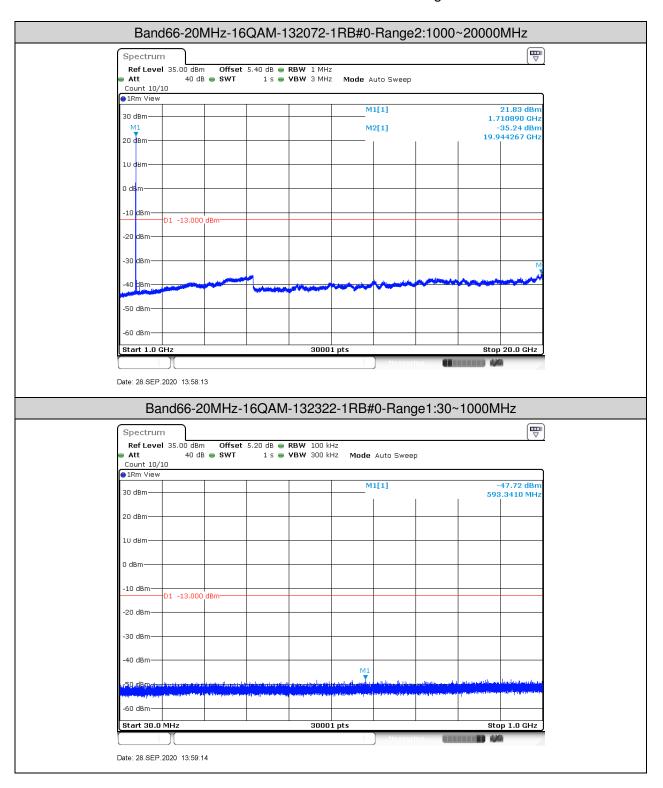
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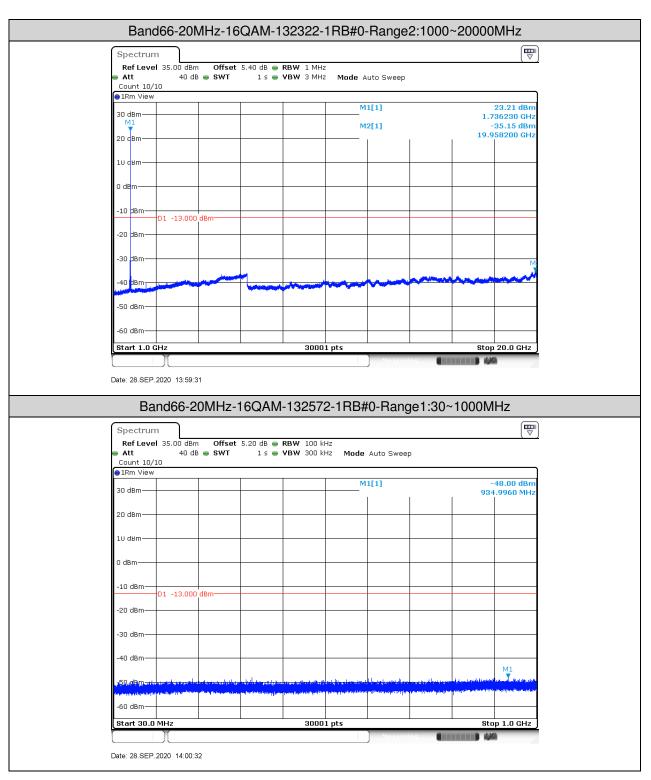
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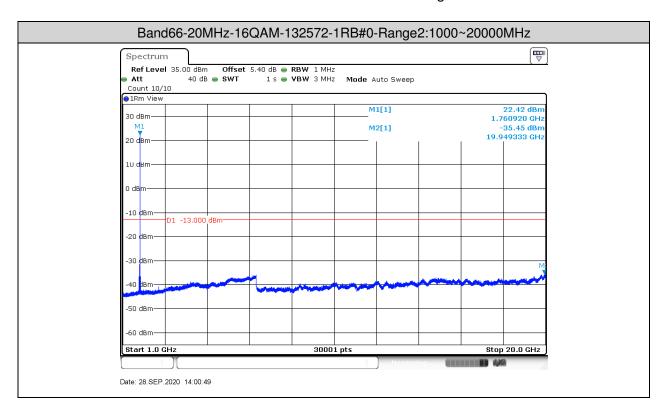
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### 7 Field Strength of Spurious Radiation

### 7.1 Test Mode =LTE/TM1 20MHz

### 7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-74.73	-13.00	61.73	Vertical
109.1560	-64.63	-13.00	51.63	Vertical
397.2119	-67.98	-13.00	54.98	Vertical
3422.0141	-54.82	-13.00	41.82	Vertical
7400.6467	-56.24	-13.00	43.24	Vertical
17991.9997	-40.03	-13.00	27.03	Vertical
47.9944	-64.15	-13.00	51.15	Horizontal
104.0632	-75.72	-13.00	62.72	Horizontal
239.6760	-68.44	-13.00	55.44	Horizontal
3422.0141	-53.24	-13.00	40.24	Horizontal
7473.6491	-56.12	-13.00	43.12	Horizontal
16393.4464	-43.77	-13.00	30.77	Horizontal

### 7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.6305	-74.52	-13.00	61.52	Vertical
110.4170	-65.38	-13.00	52.38	Vertical
363.5027	-68.75	-13.00	55.75	Vertical
3472.0157	-58.47	-13.00	45.47	Vertical
5208.5736	-60.58	-13.00	47.58	Vertical
17997.9999	-40.35	-13.00	27.35	Vertical
44.5507	-64.58	-13.00	51.58	Horizontal
99.7950	-76.44	-13.00	63.44	Horizontal
239.2395	-68.50	-13.00	55.50	Horizontal
3472.0157	-56.08	-13.00	43.08	Horizontal
7452.6484	-56.07	-13.00	43.07	Horizontal
16391.9464	-44.00	-13.00	31.00	Horizontal



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### 7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4551	-74.56	-13.00	61.56	Vertical
109.9320	-65.30	-13.00	52.30	Vertical
398.0364	-67.59	-13.00	54.59	Vertical
3522.0174	-59.84	-13.00	46.84	Vertical
5283.0761	-60.78	-13.00	47.78	Vertical
17999.0000	-39.88	-13.00	26.88	Vertical
40.4280	-64.17	-13.00	51.17	Horizontal
244.3807	-68.51	-13.00	55.51	Horizontal
562.2656	-65.12	-13.00	52.12	Horizontal
3522.0174	-60.14	-13.00	47.14	Horizontal
7363.1454	-56.21	-13.00	43.21	Horizontal
16400.4467	-43.76	-13.00	30.76	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.
- all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report. 3



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### 8 Frequency Stability

### 8.1 Frequency Vs Voltage

				V	oltage/					
Band	Bandwid th	Modulatio n	Channel	RB Configure	Volta ge [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	3.70	0.002151	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	2.40	0.001395	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	1.20	0.000698	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.60	-0.000344	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	0.40	0.000229	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.70	-0.000974	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	0.80	0.000452	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	1.20	0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	2.10	0.001186	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	2.90	0.001686	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	2.20	0.001279	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	1.70	0.000988	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-1.80	-0.001032	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-0.80	-0.000458	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-2.00	-0.001146	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-1.40	-0.000791	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	1.40	0.000791	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-0.40	-0.000226	±2.5	PASS



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### 8.2 Frequency Vs Temperature

				Ten	nperature					
Band	Bandwid th	Modulatio n	Channel	RB Configure	Volta ge [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	3.20	0.001860	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	1.50	0.000872	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	2.70	0.001570	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	1.70	0.000988	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	1.20	0.000698	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	0.50	0.000291	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	2.20	0.001279	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	2.60	0.001512	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	2.80	0.001628	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.40	-0.000802	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-4.00	-0.002292	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.20	-0.000115	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-2.20	-0.001261	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.60	-0.000917	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-1.20	-0.000688	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	2.10	0.001186	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	2.90	0.001638	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	2.70	0.001525	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	1.20	0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	3.40	0.001921	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	1.90	0.001073	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	3.20	0.001808	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	0.80	0.000452	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	2.20	0.001279	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	1.50	0.000872	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	2.80	0.001628	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	3.40	0.001977	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	0.20	0.000116	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	2.80	0.001628	±2.5	PASS



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Band66         20MHz         16QAM         132072         100RB#0         NV         30         1.40         0.000814         ±2.5           Band66         20MHz         16QAM         132072         100RB#0         NV         40         1.10         0.000640         ±2.5           Band66         20MHz         16QAM         132072         100RB#0         NV         50         2.90         0.001686         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -30         1.20         0.000688         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -20         -0.10         -0.000057         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -10         -1.40         -0.000802         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5           Band66         20MHz </th <th>PASS PASS PASS PASS PASS PASS</th>	PASS PASS PASS PASS PASS PASS
Band66         20MHz         16QAM         132072         100RB#0         NV         50         2.90         0.001686         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -30         1.20         0.000688         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -20         -0.10         -0.000057         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -10         -1.40         -0.000802         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5	PASS PASS PASS PASS
Band66         20MHz         16QAM         132322         100RB#0         NV         -30         1.20         0.000688         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -20         -0.10         -0.000057         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -10         -1.40         -0.000802         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5	PASS PASS PASS
Band66         20MHz         16QAM         132322         100RB#0         NV         -20         -0.10         -0.000057         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         -10         -1.40         -0.000802         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5	PASS PASS PASS
Band66         20MHz         16QAM         132322         100RB#0         NV         -10         -1.40         -0.000802         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5	PASS PASS
Band66         20MHz         16QAM         132322         100RB#0         NV         0         -2.10         -0.001203         ±2.5           Band66         20MHz         16QAM         132322         100RB#0         NV         10         0.50         0.000287         ±2.5	PASS
Band66 20MHz 16QAM 132322 100RB#0 NV 10 0.50 0.000287 ±2.5	
Randee 20MHz 16OAM 132322 100RB#0 NV 20 -3.30 -0.001891 +2.5	PASS
Bandoo 2014112 10QA141 132322 10011B#0 144 20 -3.30 -0.001091 ±2.3	PASS
Band66 20MHz 16QAM 132322 100RB#0 NV 30 -3.50 -0.002006 ±2.5	PASS
Band66 20MHz 16QAM 132322 100RB#0 NV 40 -2.00 -0.001146 ±2.5	PASS
Band66 20MHz 16QAM 132322 100RB#0 NV 50 -3.20 -0.001834 ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         -30         0.00         0.000000         ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         -20         1.70         0.000960         ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         -10         0.60         0.000339         ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         0         -0.50         -0.000282         ±2.5	PASS
Band66 20MHz 16QAM 132572 100RB#0 NV 10 -1.10 -0.000621 ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         20         1.40         0.000791         ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         30         -0.30         -0.000169         ±2.5	PASS
Band66 20MHz 16QAM 132572 100RB#0 NV 40 -0.90 -0.000508 ±2.5	PASS
Band66         20MHz         16QAM         132572         100RB#0         NV         50         2.70         0.001525         ±2.5	PASS

The End



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