1 of 68 Page:

Appendix B

E-UTRA Band 66



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Page: 2 of 68

CONTENT

1.	EFF	ECTIVE (ISOTROPIC) RADIATED POWER	
	1.1.	TEST RESULT	
2.	PE <i>l</i>	AK-TO-AVERAGE RATIO(CCDF)	10
	2.1.	Test Result	
	2.2.	TEST PLOTS	
3.	MC	DDULATION CHARACTERISTICS	14
	3.1.	TEST BAND = LTE BAND 66	14
	3.2.	TEST MODE = LTE /TM1 20MHz	14
	3.2.1.	TEST CHANNEL = MCH	14
	3.3.	TEST MODE = LTE /TM2 20MHz	
	3.3.1.	TEST CHANNEL = MCH	15
4.	260	DB BANDWIDTH AND OCCUPIED BANDWIDTH	16
	4.1.	TEST RESULT	16
	4.2.	TEST PLOTS	17
5.	BA	ND EDGE COMPLIANCE	35
	5.1.	TEST PLOTS	35
6.	SPL	URIOUS EMISSION AT ANTENNA TERMINAL	59
	6.1.	TEST PLOTS	59
7.	FIE	LD STRENGTH OF SPURIOUS RADIATION	65
	7.1.	TEST BAND = LTE BAND 66	65
	7.1.1.	TEST MODE =LTE/TM1 20MHz	65
	7.1.1.1	1. Test Channel = LCH	65
	7.1.1.2	2. Test Channel = MCH	65
	7.1.1.3	3. TEST CHANNEL = HCH	66
8.	FRE	EQUENCY STABILITY	67
	8.1.	Frequency Vs Voltage	67
	8.2.	FREQUENCY VS TEMPERATURE	67



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Page: 3 of 68

1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB	Conducted	EIRP	Limit	Verdict
				Configuration	Power(dBm)	(dBm)	(dBm)	
Band66	1.4MHz	QPSK	131979	1RB#0	23.29	23.56	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.58	23.85	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.33	23.60	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.39	23.66	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.43	23.70	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.51	23.78	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.51	22.78	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.40	23.67	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.61	23.88	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.44	23.71	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.54	23.81	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.68	23.95	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.74	24.01	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.53	22.80	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.21	23.48	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.32	23.59	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.17	23.44	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.26	23.53	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.52	23.79	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.34	23.61	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.41	22.68	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.94	22.21	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.05	22.32	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.84	22.11	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.63	22.90	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.52	22.79	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.67	22.94	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.59	21.86	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.00	22.27	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.09	22.36	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.01	22.28	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.66	22.93	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 4 of 68

Band66	1.4MHz	16QAM	132322	3RB#1	22.89	23.16	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.78	23.05	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.55	21.82	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.79	22.06	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.67	21.94	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.20	22.47	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.52	22.79	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.57	22.84	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.49	22.76	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.22	21.49	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.44	23.71	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.39	23.66	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.45	23.72	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.32	22.59	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.41	22.68	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.53	22.80	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.39	22.66	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.61	23.88	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.21	23.48	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.59	23.86	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.45	22.72	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.62	22.89	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.51	22.78	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.50	22.77	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.34	23.61	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.02	23.29	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.00	23.27	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.38	22.65	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.31	22.58	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.28	22.55	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.29	22.56	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.92	22.19	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.36	22.63	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.38	22.65	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.37	21.64	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.27	21.54	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.46	21.73	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.49	21.76	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 5 of 68

Band66 3MHz 16QAM 132322 1RB#0 21.89 22.16 Band66 3MHz 16QAM 132322 1RB#8 22.02 22.29 Band66 3MHz 16QAM 132322 1RB#14 21.00 22.26	30.00	PASS
		2100
Dandee	30.00	PASS
Band66 3MHz 16QAM 132322 1RB#14 21.99 22.26	30.00	PASS
Band66 3MHz 16QAM 132322 8RB#0 21.74 22.01	30.00	PASS
Band66 3MHz 16QAM 132322 8RB#4 21.48 21.75	30.00	PASS
Band66 3MHz 16QAM 132322 8RB#7 21.57 21.84	30.00	PASS
Band66 3MHz 16QAM 132322 15RB#0 21.60 21.87	30.00	PASS
Band66 3MHz 16QAM 132657 1RB#0 21.74 22.01	30.00	PASS
Band66 3MHz 16QAM 132657 1RB#8 22.26 22.53	30.00	PASS
Band66 3MHz 16QAM 132657 1RB#14 21.60 21.87	30.00	PASS
Band66 3MHz 16QAM 132657 8RB#0 21.25 21.52	30.00	PASS
Band66 3MHz 16QAM 132657 8RB#4 21.24 21.51	30.00	PASS
Band66 3MHz 16QAM 132657 8RB#7 21.08 21.35	30.00	PASS
Band66 3MHz 16QAM 132657 15RB#0 21.40 21.67	30.00	PASS
Band66 5MHz QPSK 131997 1RB#0 23.40 23.67	30.00	PASS
Band66 5MHz QPSK 131997 1RB#12 23.36 23.63	30.00	PASS
Band66 5MHz QPSK 131997 1RB#24 23.31 23.58	30.00	PASS
Band66 5MHz QPSK 131997 12RB#0 22.27 22.54	30.00	PASS
Band66 5MHz QPSK 131997 12RB#6 22.50 22.77	30.00	PASS
Band66 5MHz QPSK 131997 12RB#13 22.54 22.81	30.00	PASS
Band66 5MHz QPSK 131997 25RB#0 22.34 22.61	30.00	PASS
Band66 5MHz QPSK 132322 1RB#0 23.55 23.82	30.00	PASS
Band66 5MHz QPSK 132322 1RB#12 23.34 23.61	30.00	PASS
Band66 5MHz QPSK 132322 1RB#24 23.69 23.96	30.00	PASS
Band66 5MHz QPSK 132322 12RB#0 22.40 22.67	30.00	PASS
Band66 5MHz QPSK 132322 12RB#6 22.52 22.79	30.00	PASS
Band66 5MHz QPSK 132322 12RB#13 22.62 22.89	30.00	PASS
Band66 5MHz QPSK 132322 25RB#0 22.60 22.87	30.00	PASS
Band66 5MHz QPSK 132647 1RB#0 23.28 23.55	30.00	PASS
Band66 5MHz QPSK 132647 1RB#12 23.14 23.41	30.00	PASS
Band66 5MHz QPSK 132647 1RB#24 23.12 23.39	30.00	PASS
Band66 5MHz QPSK 132647 12RB#0 22.22 22.49	30.00	PASS
Band66 5MHz QPSK 132647 12RB#6 22.27 22.54	30.00	PASS
Band66 5MHz QPSK 132647 12RB#13 22.21 22.48	30.00	PASS
Band66 5MHz QPSK 132647 25RB#0 22.29 22.56	30.00	PASS
Band66 5MHz 16QAM 131997 1RB#0 21.92 22.19	30.00	PASS
Band66 5MHz 16QAM 131997 1RB#12 22.52 22.79	30.00	PASS
Band66 5MHz 16QAM 131997 1RB#24 21.70 21.97	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 6 of 68

Band66	5MHz	16QAM	131997	12RB#0	21.34	21.61	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.40	21.67	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.29	21.56	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.53	21.80	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.03	22.30	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.34	22.61	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.87	22.14	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.49	21.76	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.58	21.85	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.65	21.92	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.60	21.87	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.27	22.54	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.30	22.57	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.68	21.95	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.25	21.52	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.19	21.46	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.28	21.55	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.40	21.67	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.17	23.44	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.72	23.99	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.50	23.77	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.45	22.72	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.62	22.89	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.52	22.79	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.45	22.72	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.39	23.66	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.80	24.07	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.31	23.58	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.65	22.92	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.60	22.87	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.60	22.87	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.54	22.81	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.29	23.56	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.32	23.59	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.00	23.27	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.45	22.72	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.22	22.49	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.21	22.48	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 7 of 68

					I			
Band66	10MHz	QPSK	132622	50RB#0	22.37	22.64	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.95	22.22	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.22	22.49	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.99	22.26	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.54	21.81	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.52	21.79	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.50	21.77	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.45	21.72	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.14	22.41	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.07	22.34	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.40	22.67	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.65	21.92	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.58	21.85	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.58	21.85	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.64	21.91	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.35	22.62	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.76	22.03	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.78	22.05	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.34	21.61	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.29	21.56	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.40	21.67	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.37	21.64	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.37	23.64	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.72	23.99	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.02	23.29	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.39	22.66	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.66	22.93	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.48	22.75	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.40	22.67	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.51	23.78	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.41	23.68	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.38	23.65	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.60	22.87	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.59	22.86	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.48	22.75	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.52	22.79	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.43	23.70	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.06	23.33	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 8 of 68

DendCC	4 FMI I-	ODCK	100507	1 DD#74	00.70	00.07	20.00	DACC
Band66	15MHz	QPSK	132597	1RB#74	22.70	22.97	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.42	22.69	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.32	22.59	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#39	21.98	22.25	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.43	22.70	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.48	22.75	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.84	22.11	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.46	22.73	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.48	21.75	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.45	21.72	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.50	21.77	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.47	21.74	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.44	22.71	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.34	22.61	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.96	22.23	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.63	21.90	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.48	21.75	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.47	21.74	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.52	21.79	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.80	22.07	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.22	22.49	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.26	22.53	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.19	21.46	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.20	21.47	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.26	21.53	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.32	21.59	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.34	23.61	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.18	24.45	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.79	23.06	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.51	22.78	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.74	23.01	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.21	22.48	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.46	22.73	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.36	23.63	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.68	23.95	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.26	23.53	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.56	22.83	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.71	22.98	30.00	PASS



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Report No.: ZR/2019/5002801

Page: 9 of 68

Band66	20MHz	QPSK	132322	50RB#50	22.46	22.73	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.47	22.74	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.34	23.61	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.37	23.64	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.81	23.08	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.62	22.89	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.37	22.64	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.93	22.20	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.32	22.59	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.96	22.23	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.05	22.32	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.96	22.23	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.61	21.88	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.45	21.72	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.56	21.83	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.45	21.72	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.02	22.29	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.54	22.81	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.89	22.16	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.57	21.84	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.54	21.81	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.56	21.83	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.48	21.75	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.93	22.20	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.88	22.15	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.82	22.09	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.36	21.63	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.38	21.65	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.24	21.51	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.31	21.58	30.00	PASS

Remark:

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

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

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



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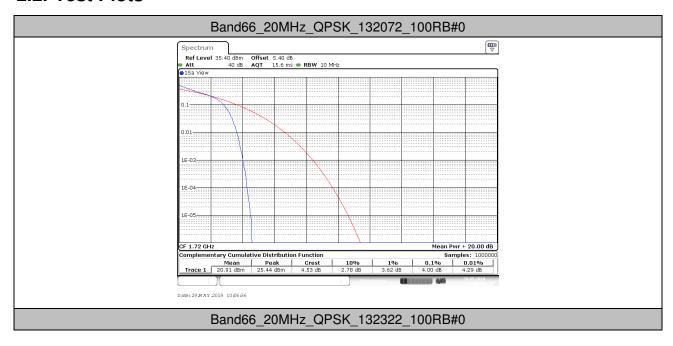
Page: 10 of 68

2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.00	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.03	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.00	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.83	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.77	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.83	13	PASS

2.2. Test Plots

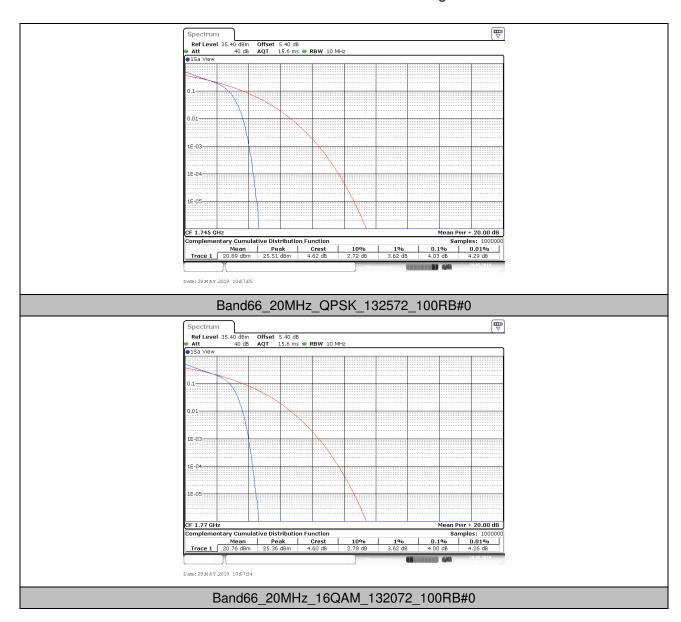




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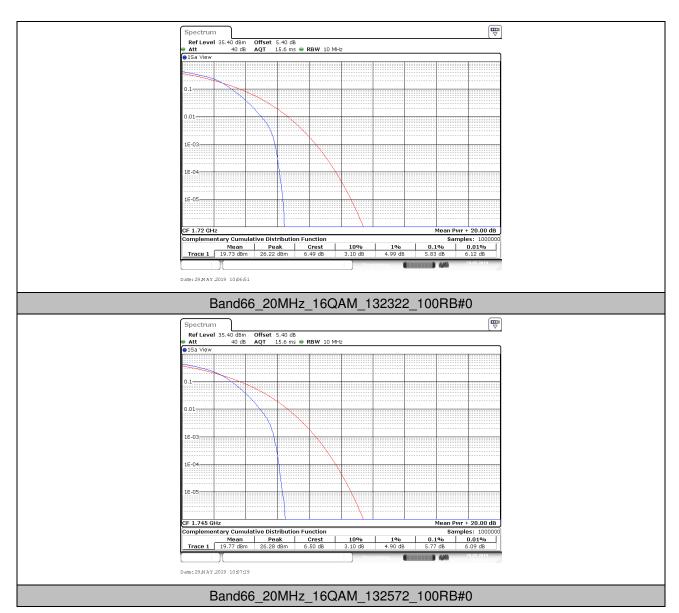
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Page: 11 of 68





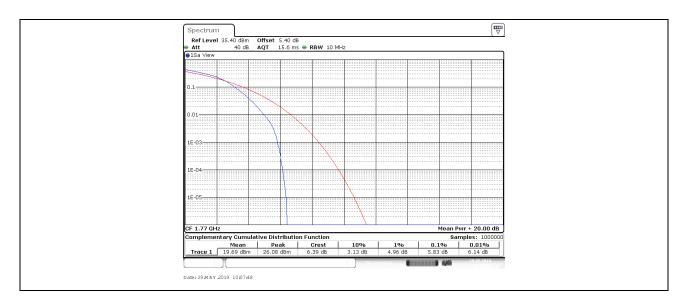
Page: 12 of 68







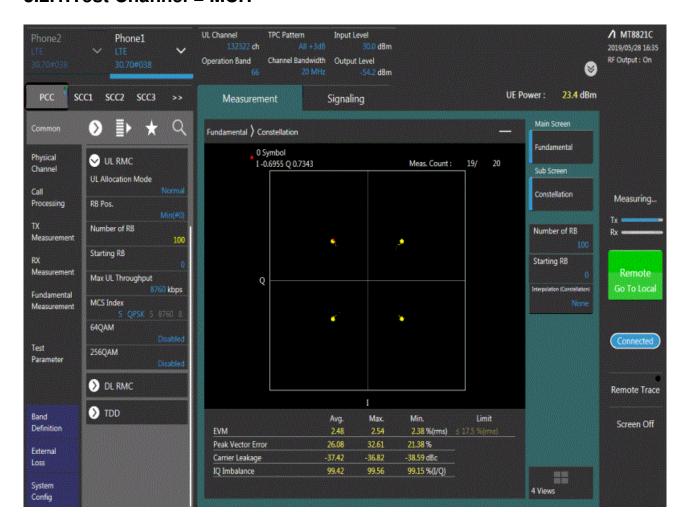
Page: 13 of 68



Page: 14 of 68

3. Modulation Characteristics

- 3.1. Test BAND = LTE Band 66
- 3.2. Test Mode = LTE /TM1 20MHz
- 3.2.1.Test Channel = MCH

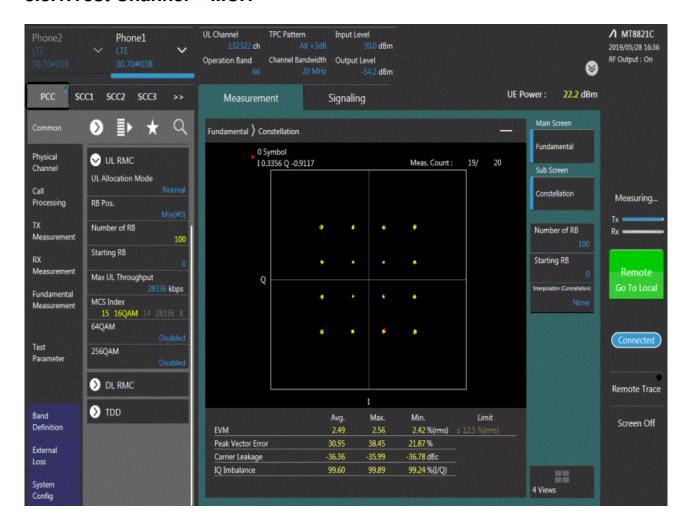




Page: 15 of 68

3.3. Test Mode = LTE /TM2 20MHz

3.3.1.Test Channel = MCH





Page: 16 of 68

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.094	1.290	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.284	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.278	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.088	1.281	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	2.994	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.994	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.988	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.970	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.976	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.970	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.940	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.930	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.950	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.940	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.940	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.486	4.960	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.720	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.700	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.911	9.660	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.931	9.720	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.911	9.740	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.720	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.397	14.700	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.820	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.397	14.700	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	14.670	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.822	19.320	PASS



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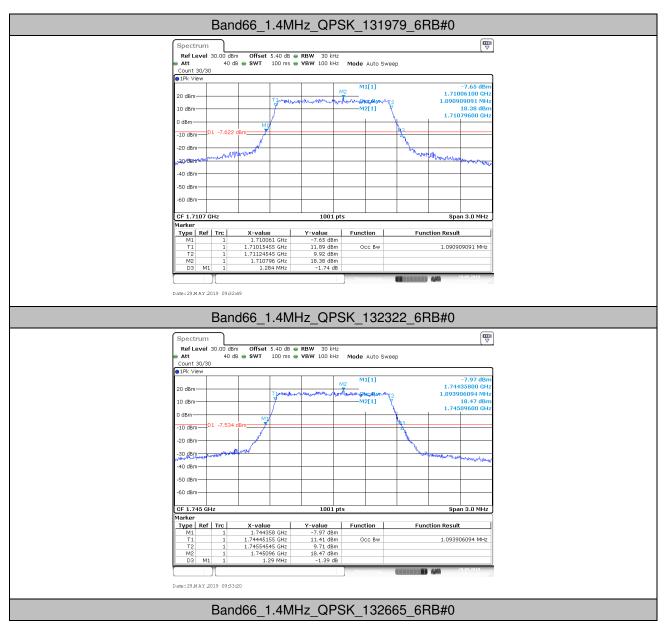


Report No.: ZR/2019/5002801

Page: 17 of 68

Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.822	19.360	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.822	19.280	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.480	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.822	19.400	PASS

4.2. Test Plots



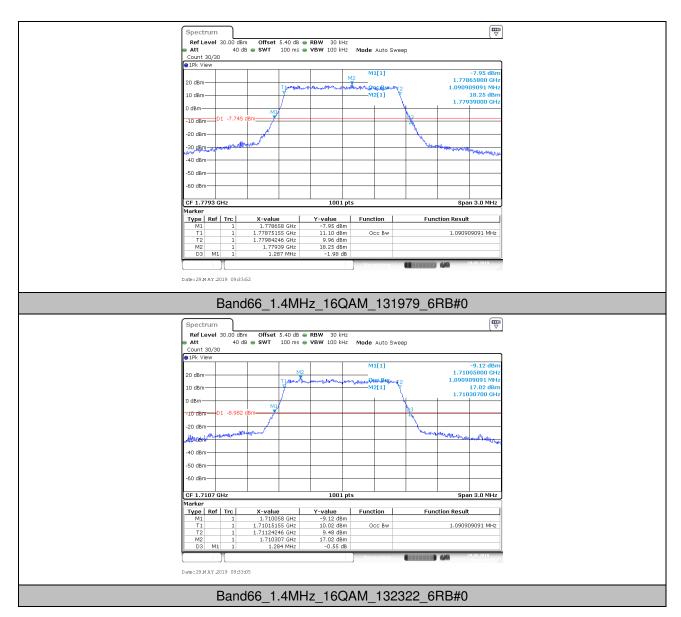


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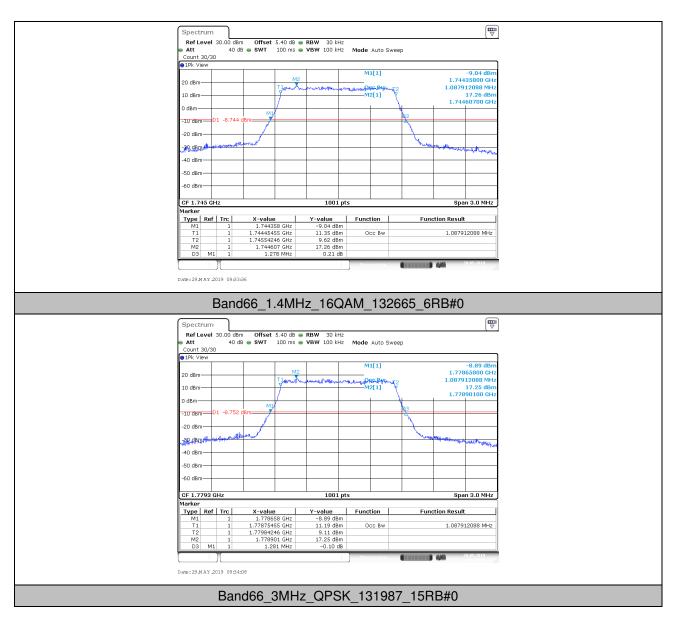
Page: 18 of 68





Report No.: ZR/2019/5002801

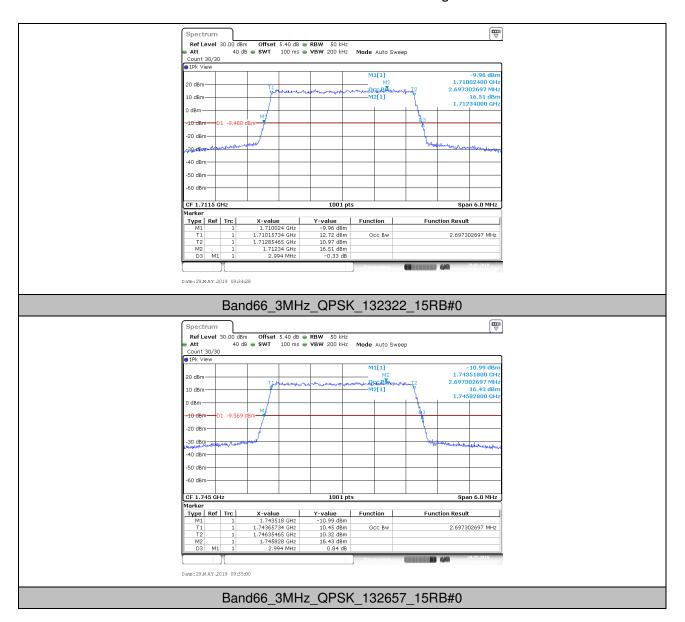
Page: 19 of 68





Report No.: ZR/2019/5002801

Page: 20 of 68





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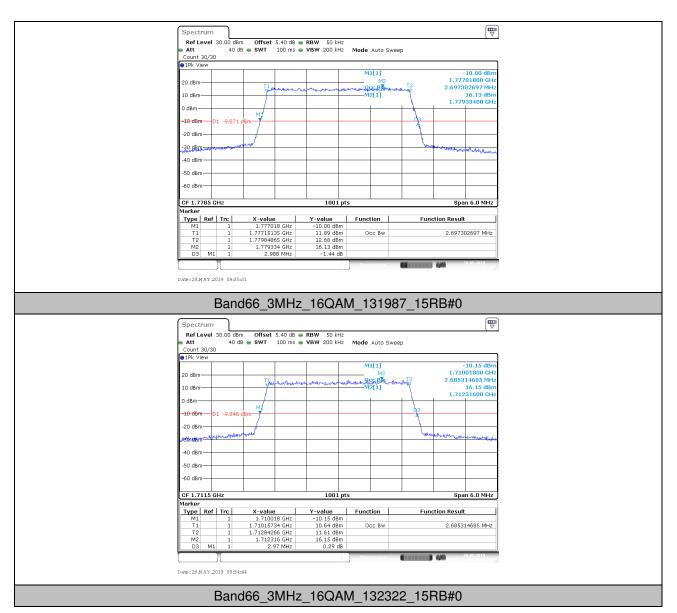
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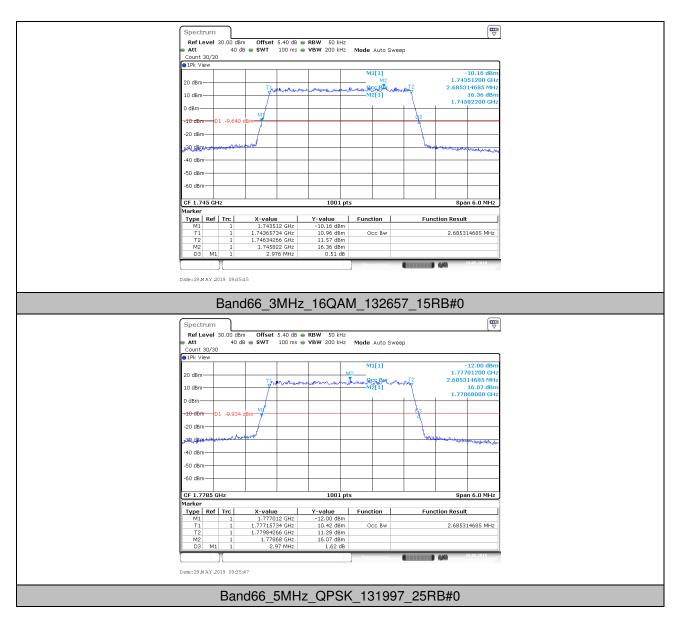
Page: 21 of 68





Report No.: ZR/2019/5002801

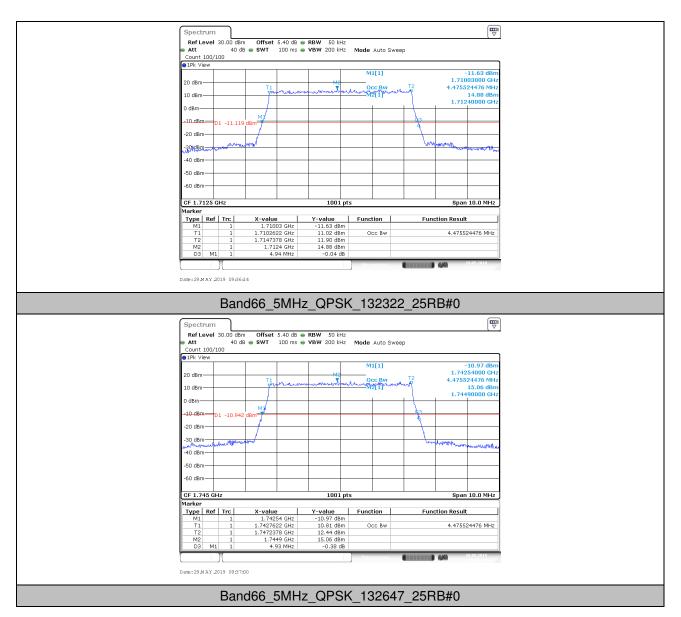
Page: 22 of 68





Report No.: ZR/2019/5002801

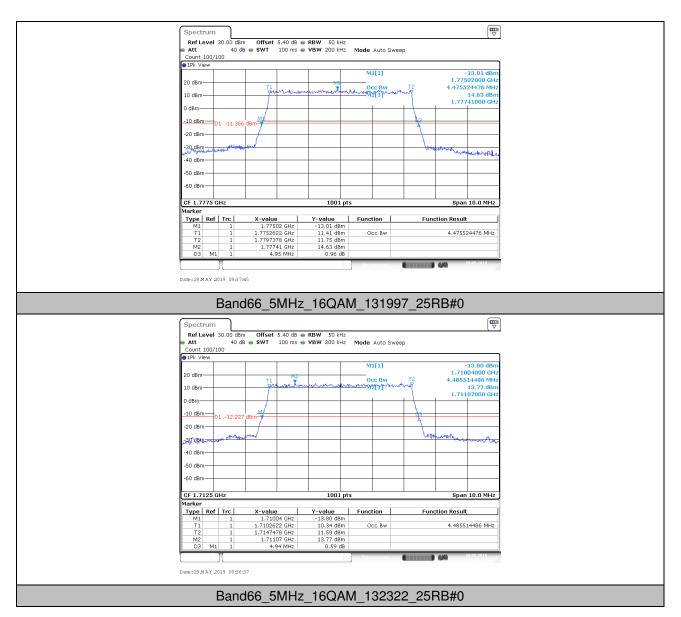
Page: 23 of 68





Report No.: ZR/2019/5002801

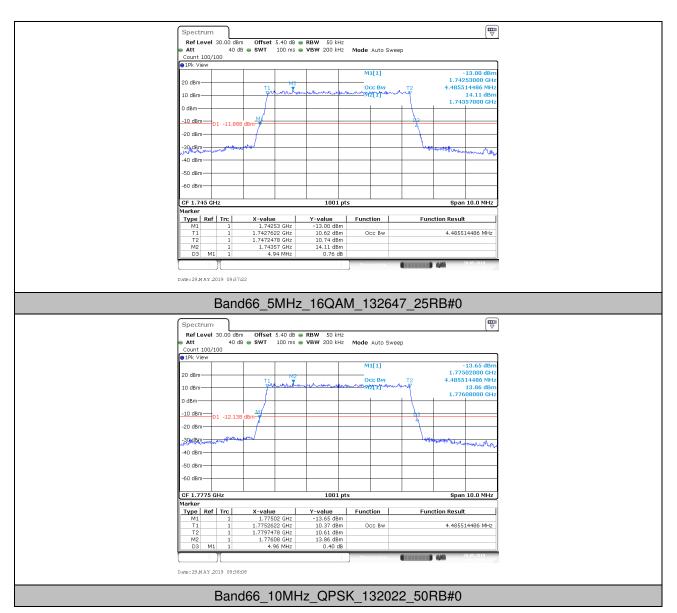
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Report No.: ZR/2019/5002801

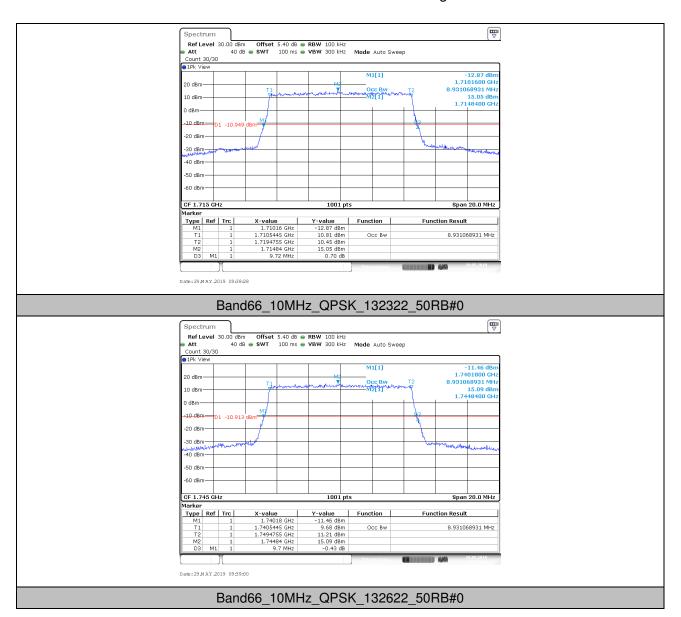
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Report No.: ZR/2019/5002801

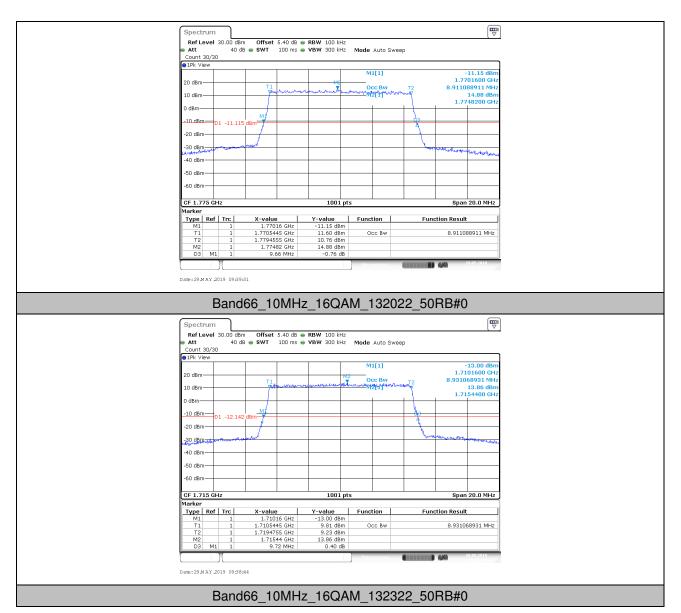
Page: 26 of 68





Report No.: ZR/2019/5002801

Page: 27 of 68





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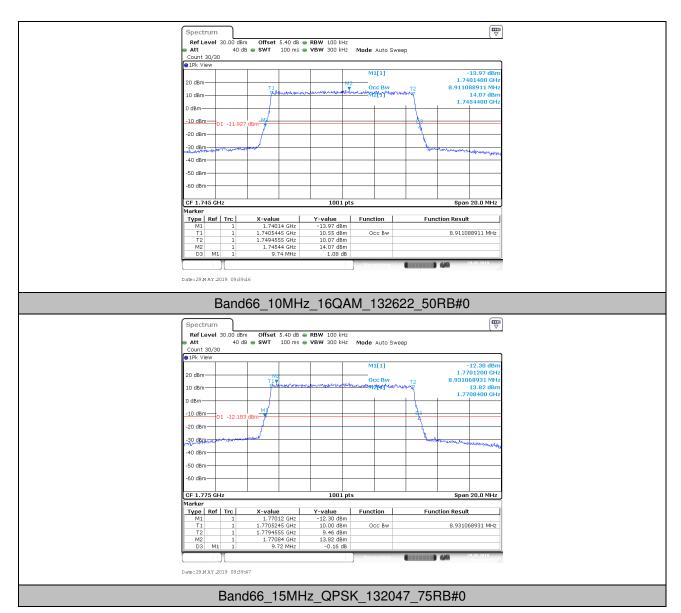
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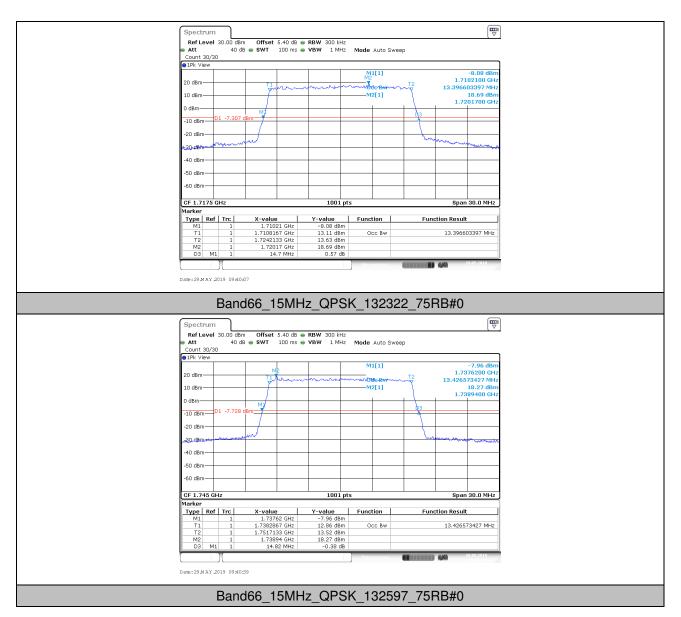
Page: 28 of 68





Report No.: ZR/2019/5002801

Page: 29 of 68





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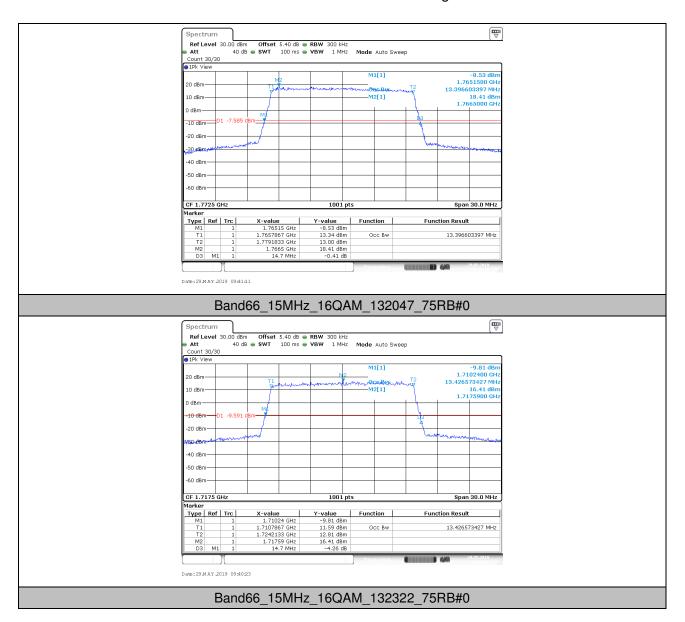
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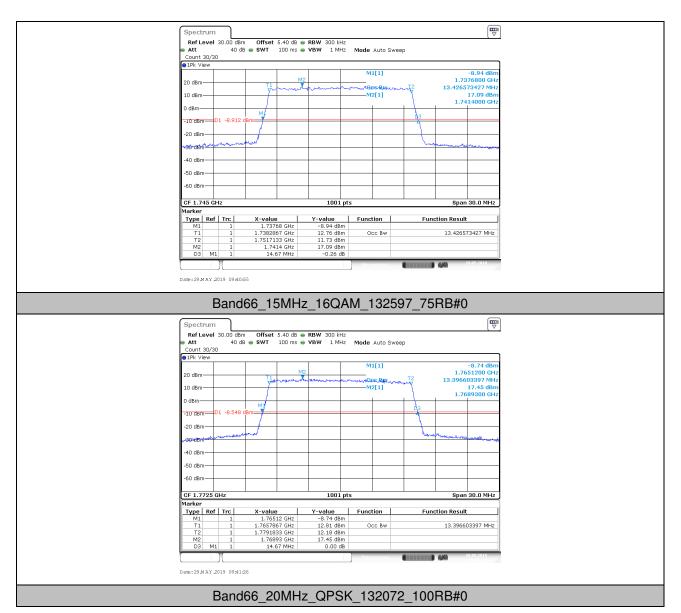
Page: 30 of 68





Report No.: ZR/2019/5002801

Page: 31 of 68





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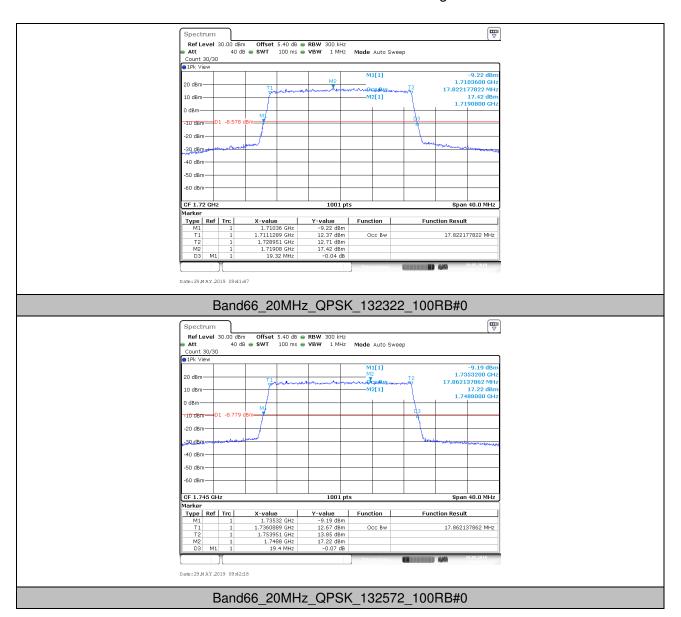
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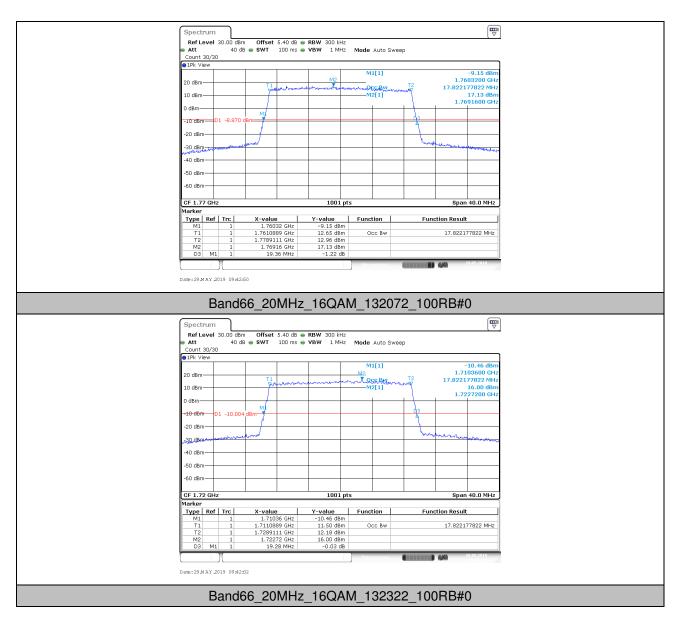
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Report No.: ZR/2019/5002801

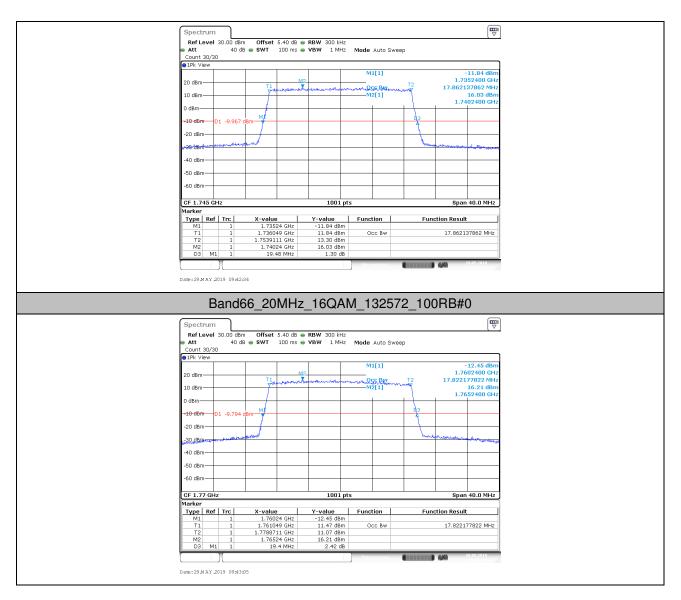
Page: 33 of 68





Report No.: ZR/2019/5002801

Page: 34 of 68

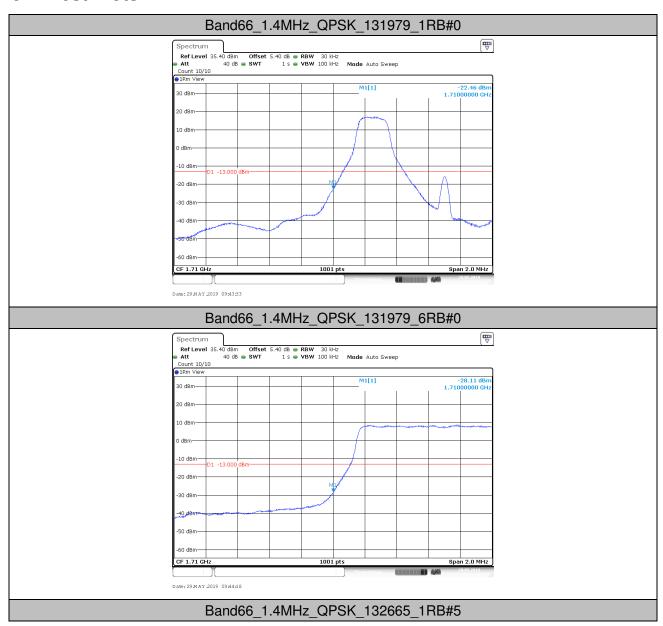




Page: 35 of 68

5. Band Edge Compliance

5.1. Test Plots



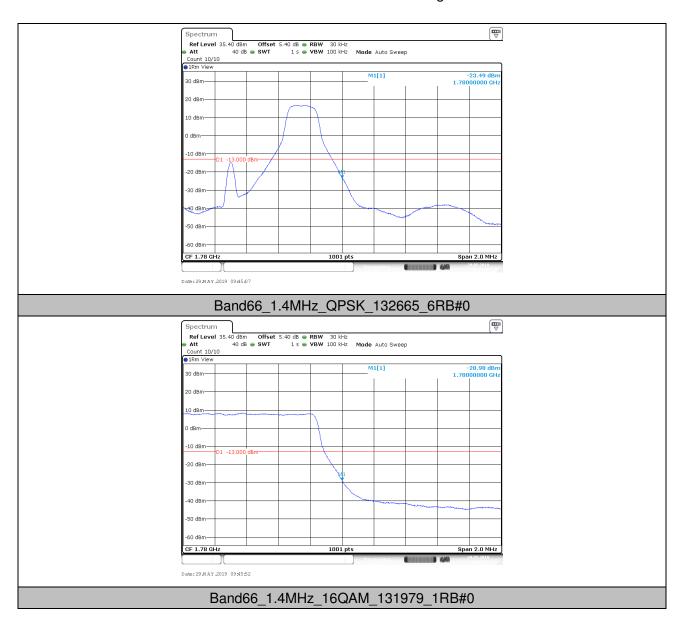


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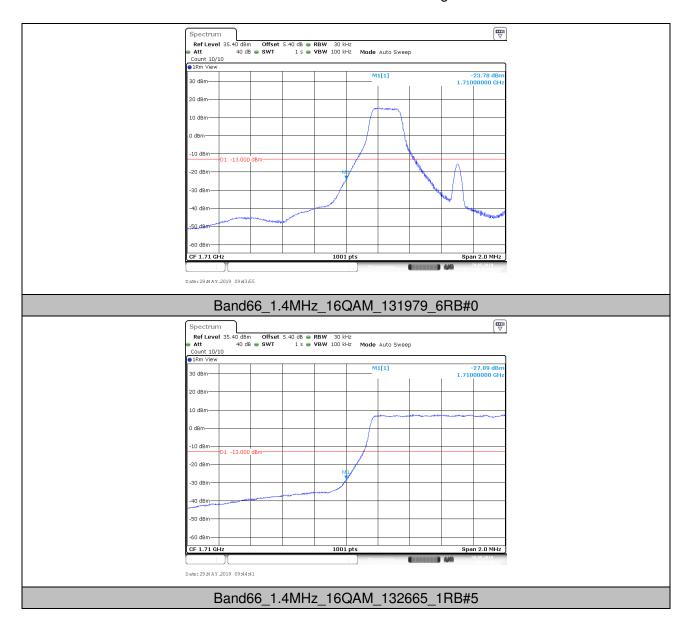
Page: 36 of 68





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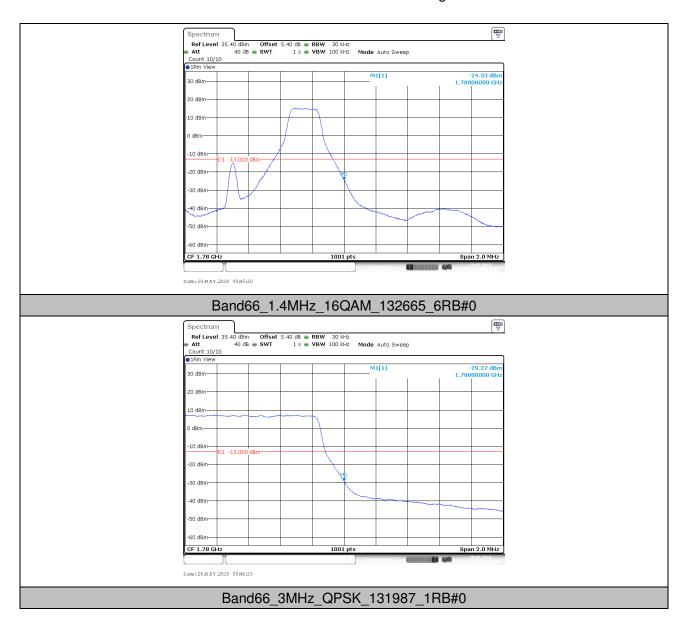
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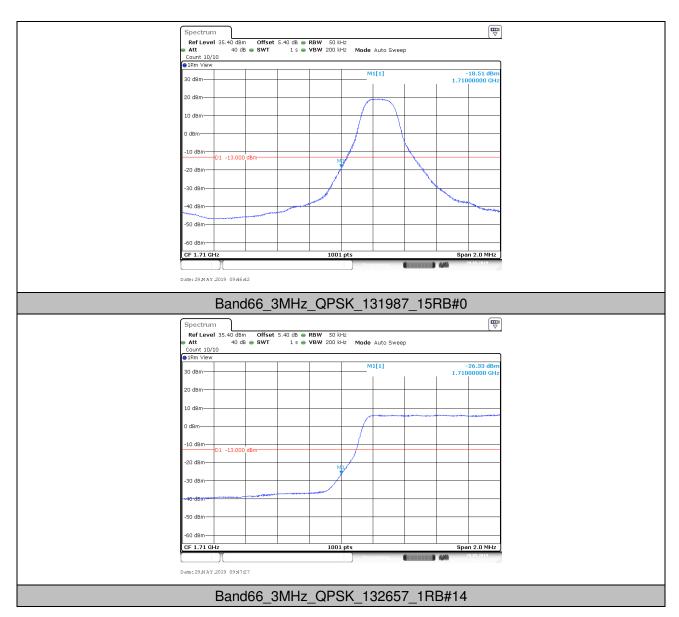
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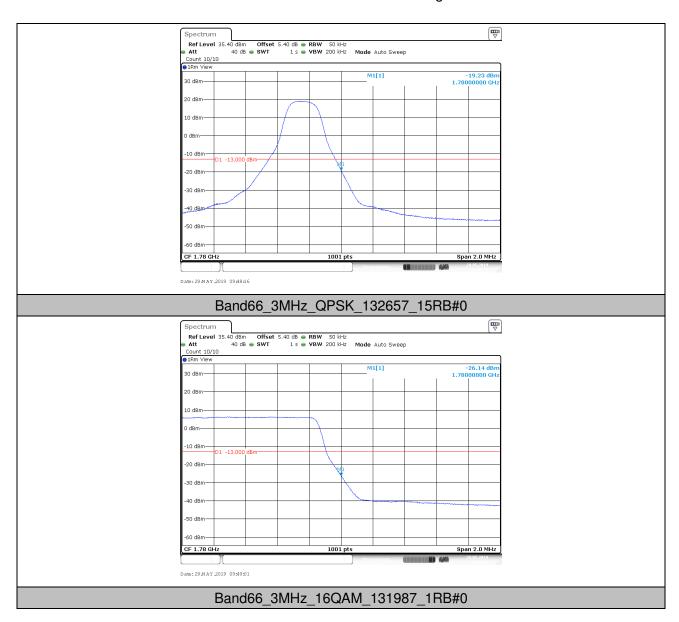
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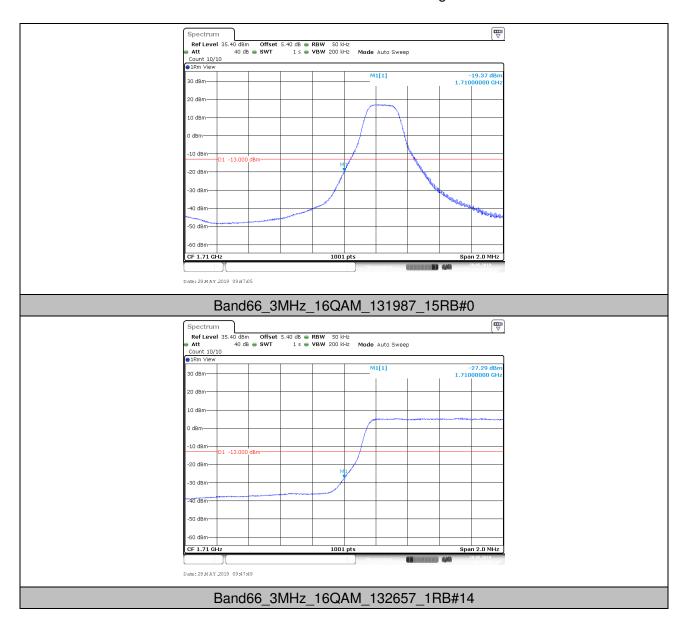
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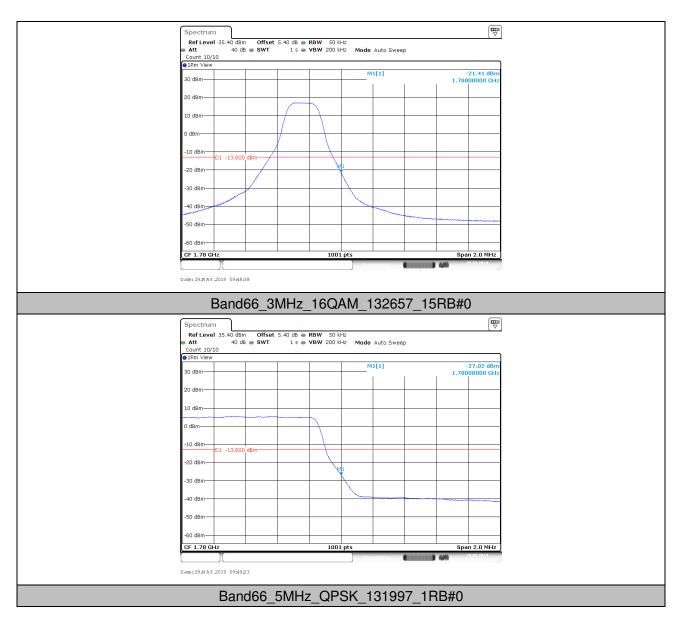
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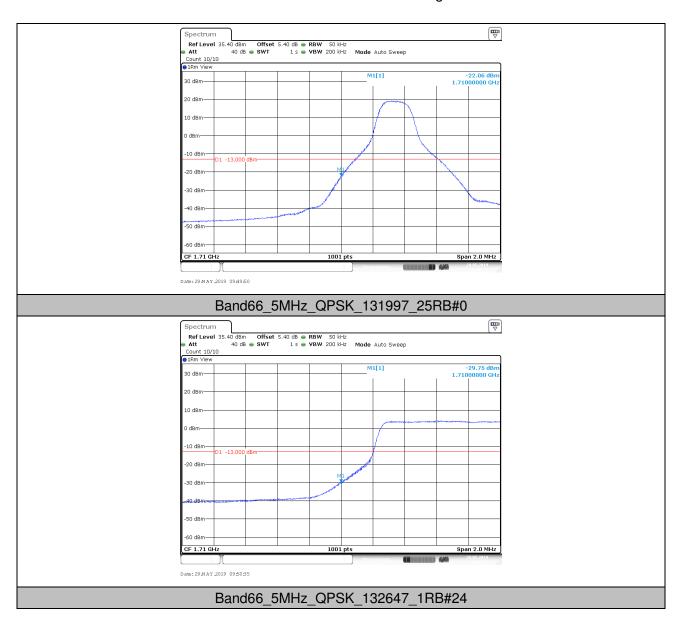
Page: 42 of 68





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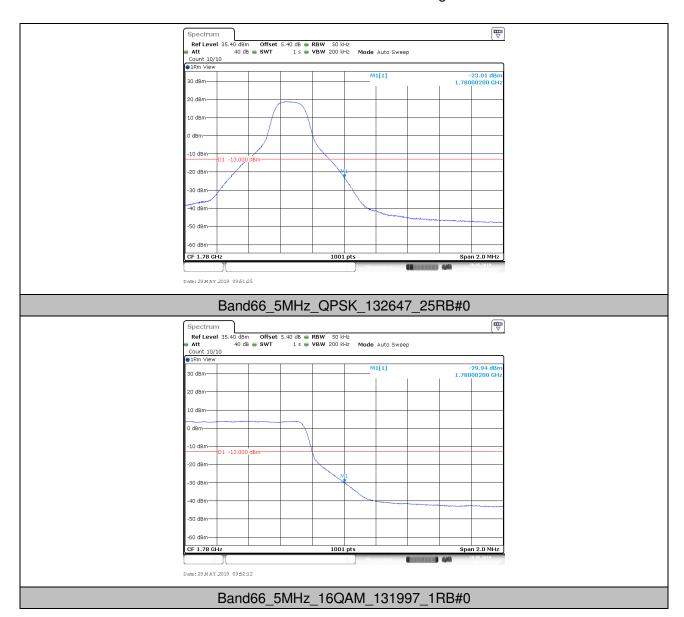
Page: 43 of 68





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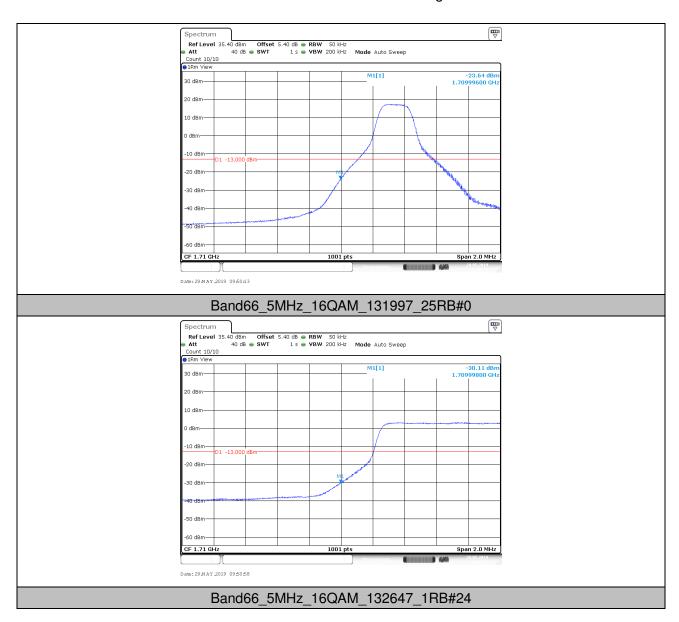
Page: 44 of 68





Report No.: ZR/2019/5002801

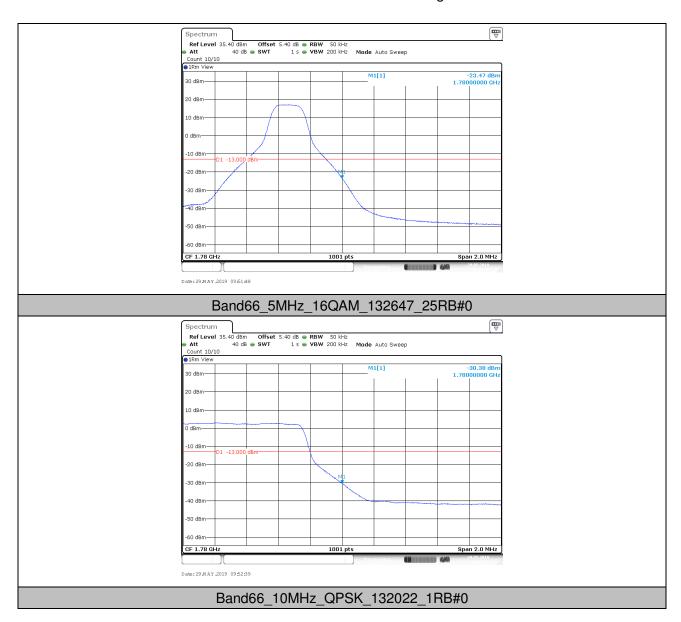
Page: 45 of 68





Report No.: ZR/2019/5002801

Page: 46 of 68





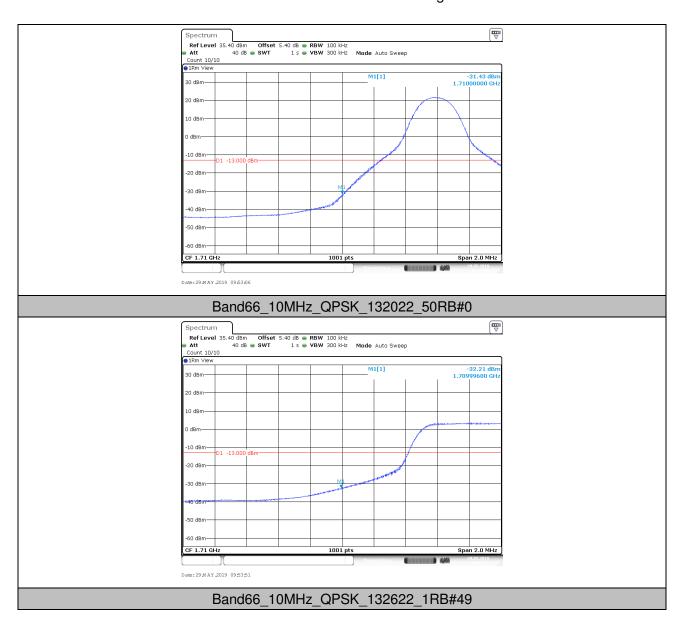
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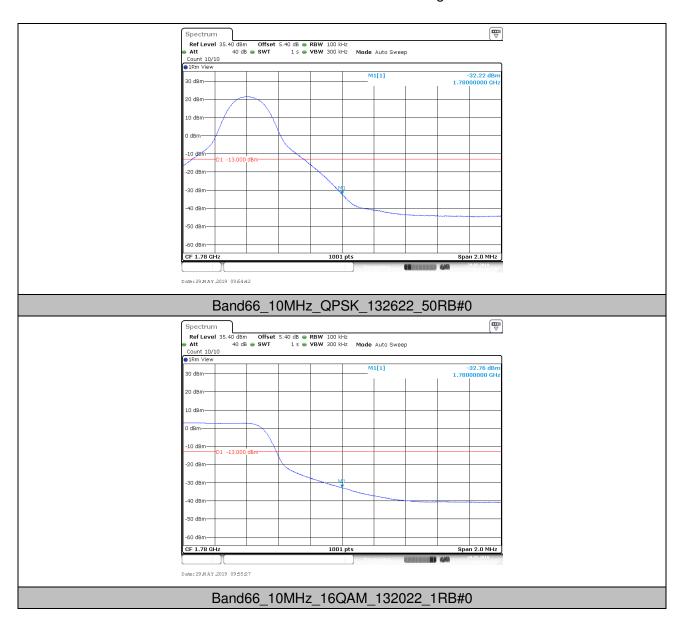
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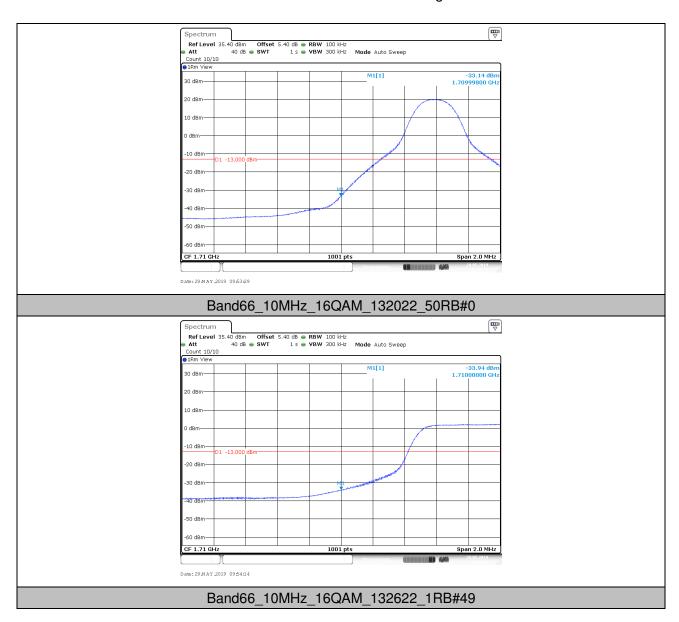
Page: 48 of 68





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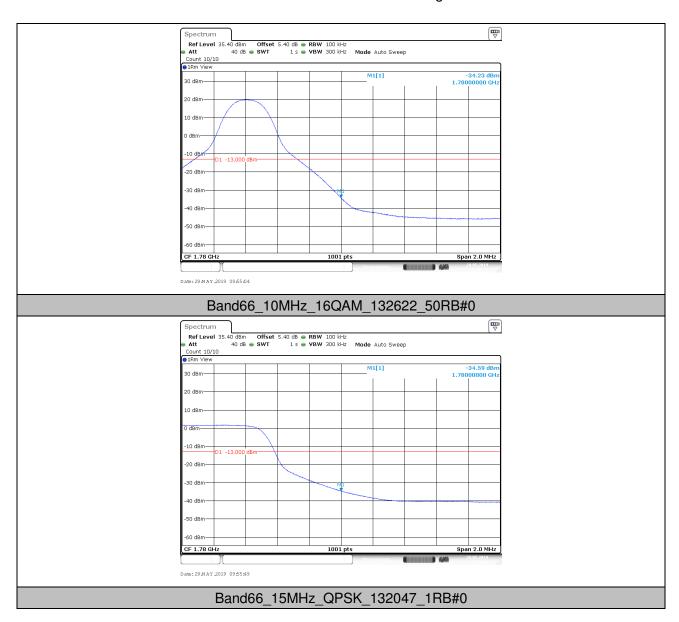
Page: 49 of 68





Report No.: ZR/2019/5002801

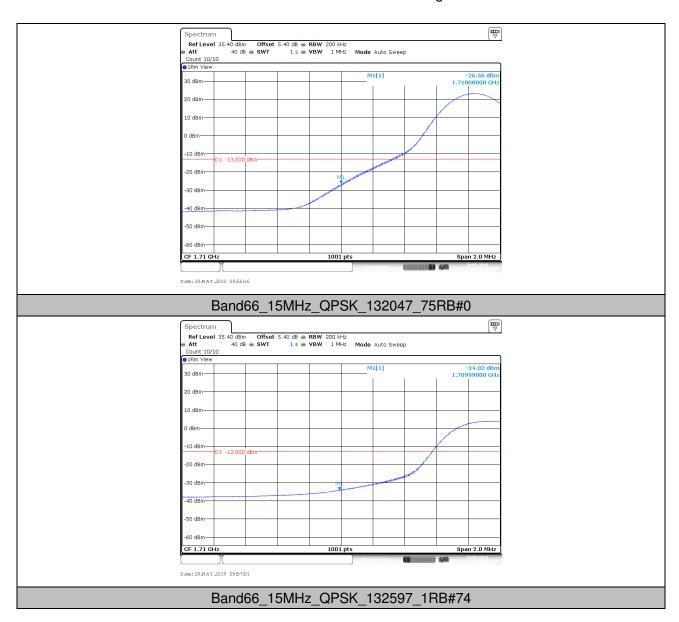
Page: 50 of 68





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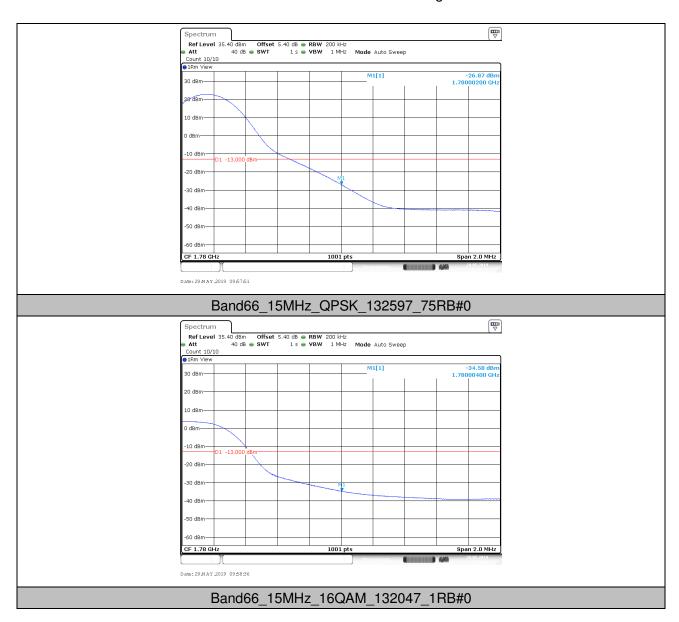
Page: 51 of 68





Report No.: ZR/2019/5002801

Page: 52 of 68





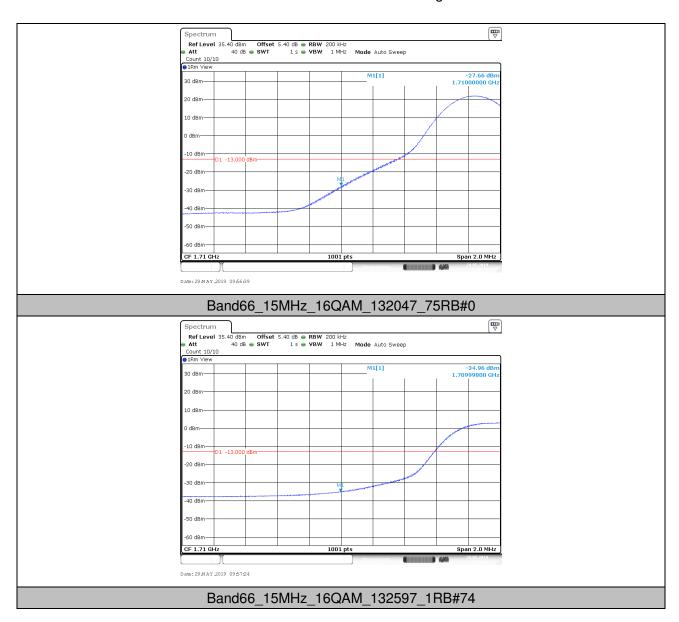
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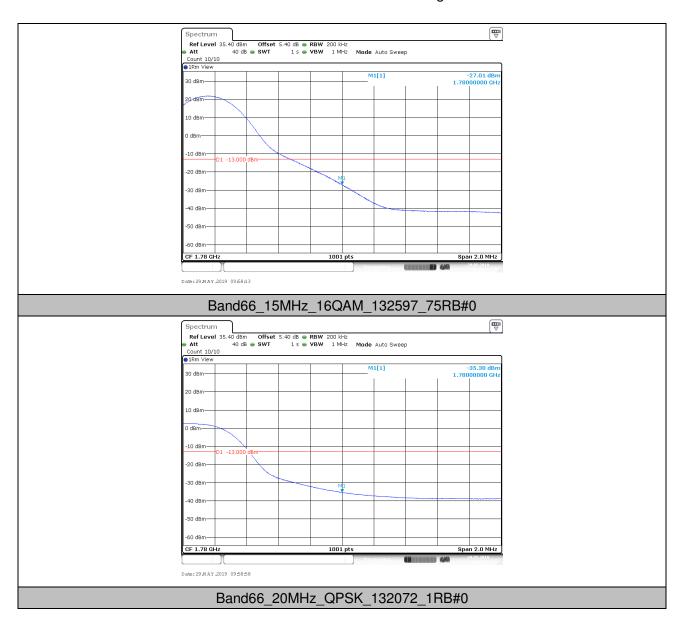
Page: 53 of 68





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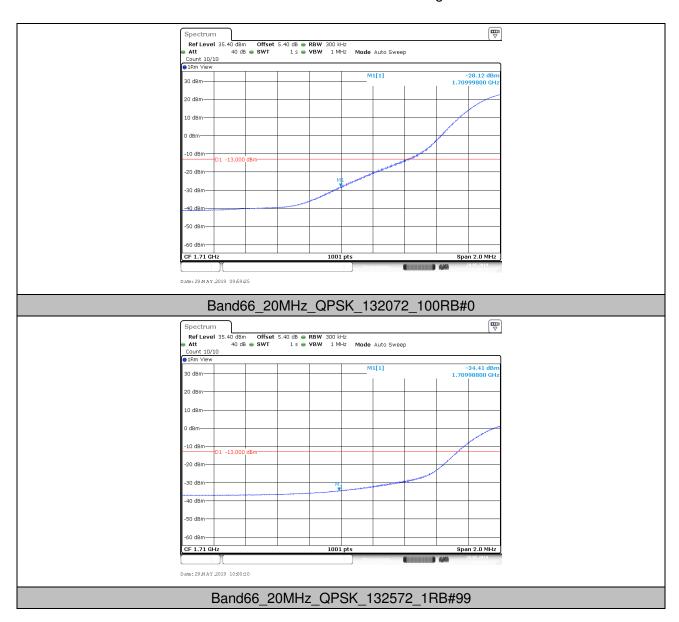
Page: 54 of 68





Report No.: ZR/2019/5002801

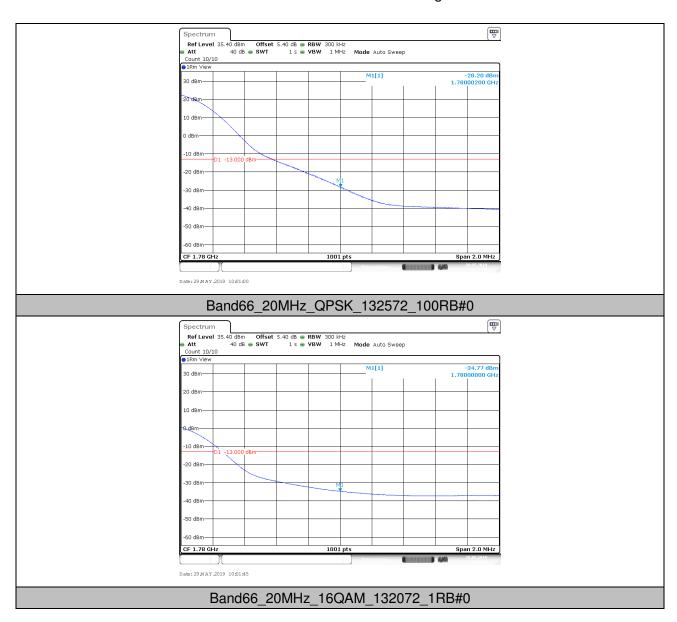
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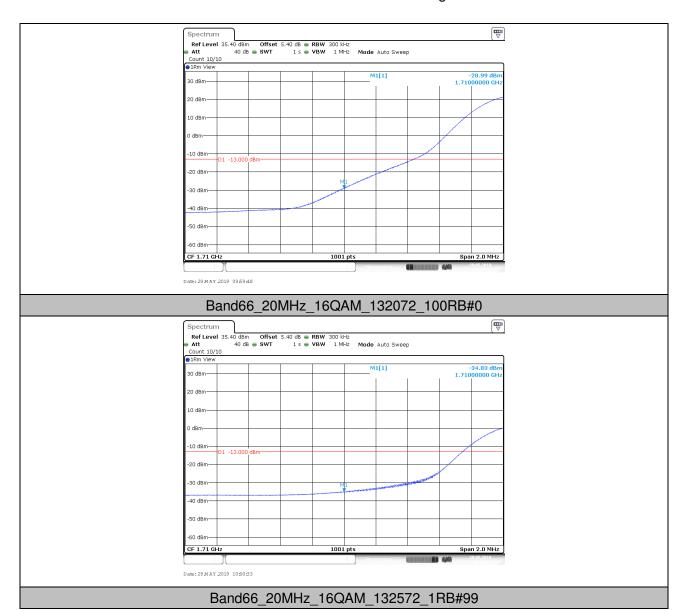
Page: 56 of 68





Report No.: ZR/2019/5002801

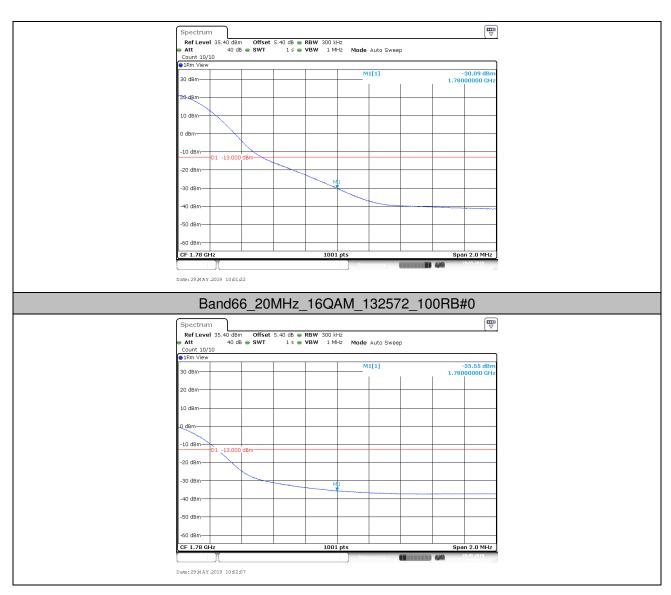
Page: 57 of 68





Report No.: ZR/2019/5002801

Page: 58 of 68





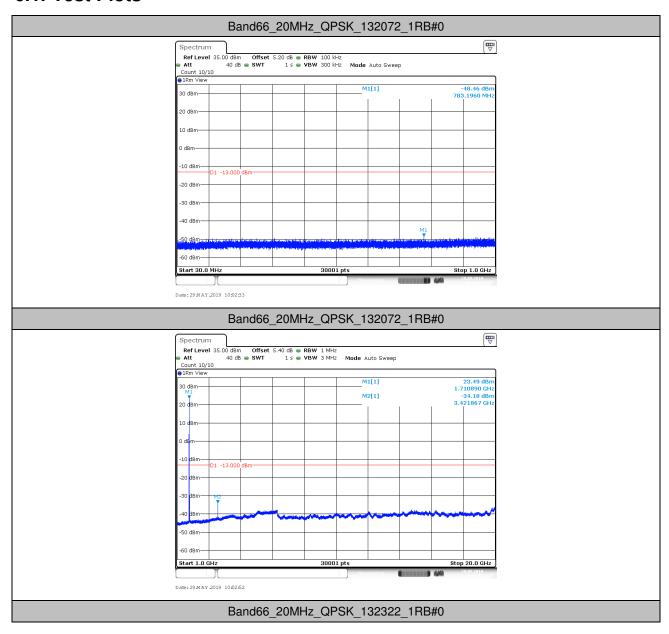
Page: 59 of 68

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





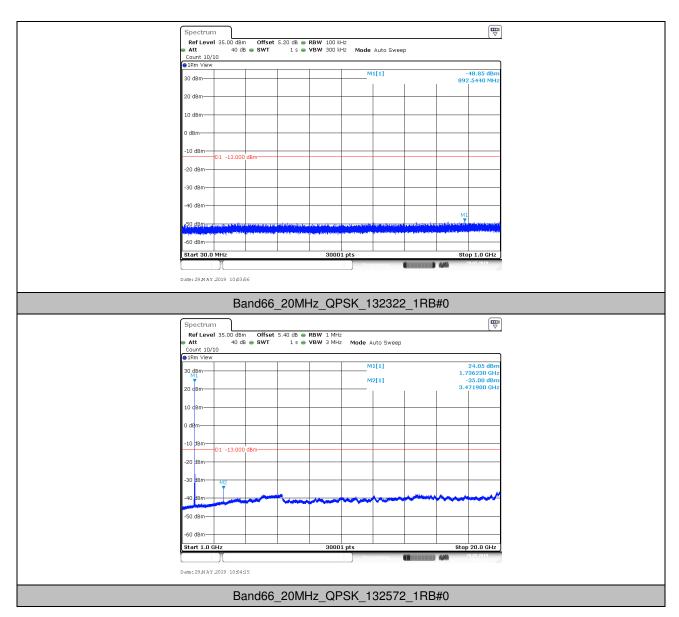
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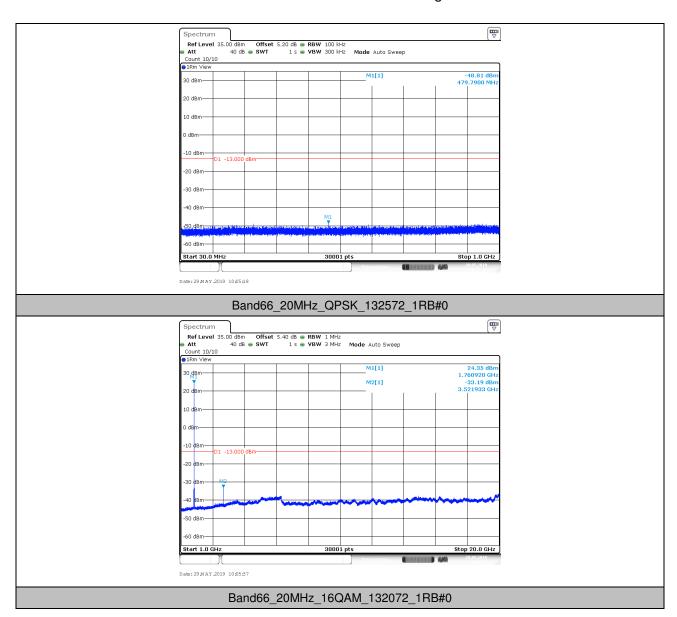
Page: 60 of 68





Report No.: ZR/2019/5002801

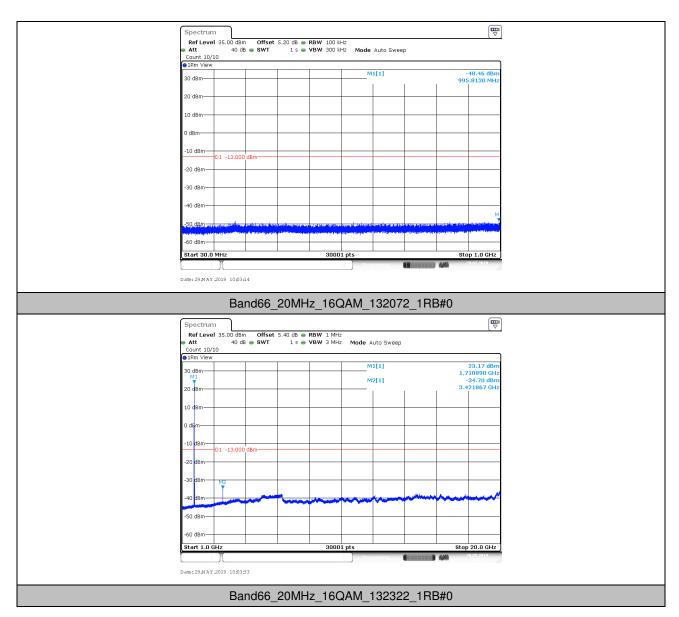
Page: 61 of 68





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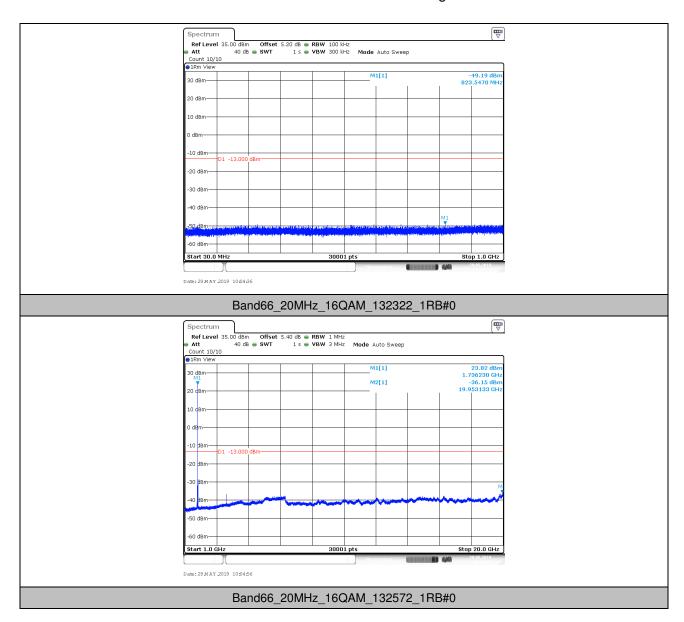
Page: 62 of 68





Report No.: ZR/2019/5002801

Page: 63 of 68

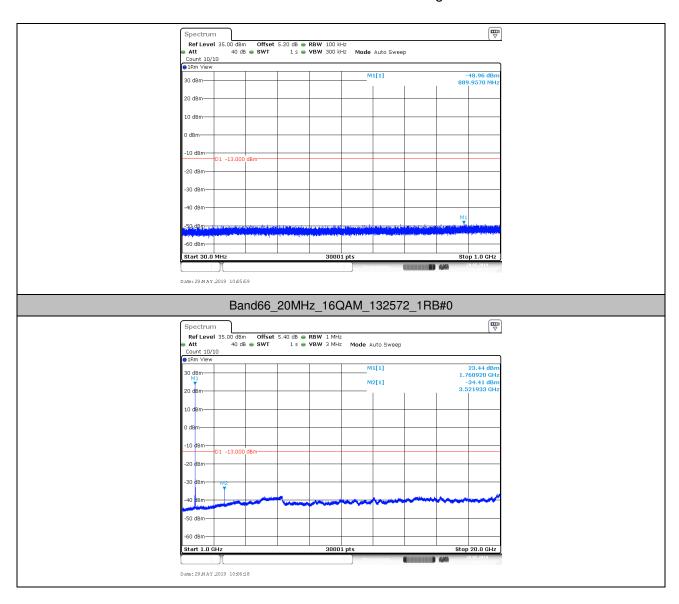






Report No.: ZR/2019/5002801

Page: 64 of 68





Page: 65 of 68

7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band 66

7.1.1.Test Mode =LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.700000	-80.49	-13.00	67.49	Vertical
957.512500	-75.48	-13.00	62.48	Vertical
3422.175000	-50.16	-13.00	37.16	Vertical
5133.300000	-56.68	-13.00	43.68	Vertical
6844.425000	-54.60	-13.00	41.60	Vertical
8555.550000	-55.92	-13.00	42.92	Vertical
55.400000	-76.05	-13.00	63.05	Horizontal
965.579167	-74.80	-13.00	61.80	Horizontal
3421.850000	-54.45	-13.00	41.45	Horizontal
5133.300000	-61.62	-13.00	48.62	Horizontal
6844.425000	-53.09	-13.00	40.09	Horizontal
8555.550000	-52.92	-13.00	39.92	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.700000	-80.09	-13.00	67.09	Vertical
960.354167	-75.83	-13.00	62.83	Vertical
3471.900000	-44.33	-13.00	31.33	Vertical
5208.050000	-57.03	-13.00	44.03	Vertical
6944.525000	-49.95	-13.00	36.95	Vertical
8680.350000	-53.99	-13.00	40.99	Vertical
63.150000	-76.36	-13.00	63.36	Horizontal
189.900000	-80.10	-13.00	67.10	Horizontal
3471.900000	-47.58	-13.00	34.58	Horizontal
5208.050000	-62.66	-13.00	49.66	Horizontal
6944.200000	-50.98	-13.00	37.98	Horizontal
8680.350000	-50.95	-13.00	37.95	Horizontal



Page: 66 of 68

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.150000	-80.17	-13.00	67.17	Vertical
287.800000	-78.81	-13.00	65.81	Vertical
3521.950000	-45.16	-13.00	32.16	Vertical
5283.125000	-57.41	-13.00	44.41	Vertical
7044.625000	-53.69	-13.00	40.69	Vertical
8805.475000	-56.79	-13.00	43.79	Vertical
63.150000	-76.18	-13.00	63.18	Horizontal
190.450000	-81.11	-13.00	68.11	Horizontal
3521.950000	-48.98	-13.00	35.98	Horizontal
5283.450000	-63.19	-13.00	50.19	Horizontal
7043.975000	-54.47	-13.00	41.47	Horizontal
8805.475000	-56.48	-13.00	43.48	Horizontal

Remark:

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 had been displayed.

We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



Page: 67 of 68

8. Frequency Stability

8.1. Frequency Vs Voltage

	Voltage									
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
D = == d00	001411-	ODOK	400070			, ,	()	,	,	DAGG
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	1.20	0.000698	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	2.20	0.001279	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	1.50	0.000872	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	0.30	0.000169	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-0.10	-0.000056	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	3.70	0.002151	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	2.00	0.001163	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	1.90	0.001105	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-0.20	-0.000113	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-0.20	-0.000113	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	0.40	0.000226	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
D 4410		Channel	RB	Voltage	Temperature	Deviation	Deviation	Limit	Verdict	
BAND	Bandwidth	Modulation	Channel	Configure	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	0.70	0.000407	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	2.70	0.001570	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	2.30	0.001337	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	2.20	0.001279	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.80	-0.001605	±2.5	PASS



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Report No.: ZR/2019/5002801

Page: 68 of 68

Band66	20MHz	QPSK	132322	100RB#0	NV	10	-2.20	-0.001261	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	0.40	0.000226	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-0.20	-0.000113	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	2.30	0.001299	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	2.10	0.001186	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	1.90	0.001073	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	1.70	0.000988	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	2.20	0.001279	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	0.70	0.000407	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	2.70	0.001570	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	0.90	0.000523	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-2.50	-0.001433	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-1.40	-0.000802	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-1.50	-0.000860	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	0.60	0.000339	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	1.20	0.000678	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	0.90	0.000508	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	0.40	0.000226	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	0.00	0.000000	±2.5	PASS

The End

