Page: 1 of 72

Appendix B

E-UTRA Band 66



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Page: 2 of 72

CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	3
	1.1 TEST RESULT	3
2	PEAK-TO-AVERAGE RATIO (CCDF)	10
	2.1 TEST RESULT	10
	2.2 TEST PLOTS.	10
3	MODULATION CHARACTERISTICS	14
	3.1 TEST MODE = LTE /TM1 20MHz	14
	3.1.1 TEST CHANNEL = MCH	14
	3.2 TEST MODE = LTE /TM2 20MHz	15
	3.2.1 TEST CHANNEL = MCH	15
4	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	16
	4.1 Test Result	16
	4.2 TEST PLOTS	17
5	BAND EDGE COMPLIANCE	36
	5.1Test Plots	36
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	61
	6.1 Test Plots	61
7	FIELD STRENGTH OF SPURIOUS RADIATION	68
	7.1 Test Mode =LTE/TM1 20MHz	68
	7.1.1 Test Channel = LCH	68
	7.1.2 TEST CHANNEL = MCH	68
	7.1.3 TEST CHANNEL = HCH	69
8	FREQUENCY STABILITY	70
	8.1 FREQUENCY VS VOLTAGE	70
	8.2 Frequency Vs Temperature	71



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Page: 3 of 72

1 Effective (Isotropic) Radiated Power

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB	Result	EIRP	Limit	Verdict
				Config.	(dBm)	(dBm)	(dBm)	
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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Report No.: ZR/2020/9003701

Page: 4 of 72

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
		16QAM						PASS
Band66	1.4MHz		132665	1RB#0	20.56	14.56	30.00	
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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Page: 5 of 72

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	20.42	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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Report No.: ZR/2020/9003701

Page: 6 of 72

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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Report No.: ZR/2020/9003701

Page: 7 of 72

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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Report No.: ZR/2020/9003701

Page: 8 of 72

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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Report No.: ZR/2020/9003701

Page: 9 of 72

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#94 22.55 16.55 30.00 PASS Band66 20MHz QPSK 132572 50RB#0 21.26 15.26 30.00 PASS Band66 20MHz QPSK 132572 50RB#0 21.26 15.26 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 16QAM 132072 1RB#90 21.20 15.2 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 16QAM 132072 1RB#0 21.20 15.23 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS	Band66	20MHz	QPSK	132322	50RB#50	21.35	15.35	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 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS <td>Band66</td> <td>20MHz</td> <td>QPSK</td> <td>132322</td> <td>100RB#0</td> <td>21.59</td> <td>15.59</td> <td>30.00</td> <td>PASS</td>	Band66	20MHz	QPSK	132322	100RB#0	21.59	15.59	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 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS <td>Band66</td> <td>20MHz</td> <td>QPSK</td> <td>132572</td> <td>1RB#0</td> <td>22.00</td> <td>16</td> <td>30.00</td> <td>PASS</td>	Band66	20MHz	QPSK	132572	1RB#0	22.00	16	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 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.49 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.66 30.00 PASS <	Band66	20MHz	QPSK	132572	1RB#49	22.55	16.55	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 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.49 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS	Band66	20MHz	QPSK	132572	1RB#99	21.39	15.39	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 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS </td <td>Band66</td> <td>20MHz</td> <td>QPSK</td> <td>132572</td> <td>50RB#0</td> <td>21.26</td> <td>15.26</td> <td>30.00</td> <td>PASS</td>	Band66	20MHz	QPSK	132572	50RB#0	21.26	15.26	30.00	PASS
Band66 20MHz QPSK 132572 100RB#0 21.13 15.13 30.00 PASS Band66 20MHz 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#49 21.49 15.49 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 1RB#90 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS <	Band66	20MHz	QPSK	132572	50RB#25	21.42	15.42	30.00	PASS
Band66 20MHz 16QAM 132072 1RB#0 21.20 15.2 30.00 PASS Band66 20MHz 16QAM 132072 1RB#49 21.49 15.49 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS <	Band66	20MHz	QPSK	132572	50RB#50	20.83	14.83	30.00	PASS
Band66 20MHz 16QAM 132072 1RB#49 21.49 15.49 30.00 PASS Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS	Band66	20MHz	QPSK	132572	100RB#0	21.13	15.13	30.00	PASS
Band66 20MHz 16QAM 132072 1RB#99 21.23 15.23 30.00 PASS Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS	Band66	20MHz	16QAM	132072	1RB#0	21.20	15.2	30.00	PASS
Band66 20MHz 16QAM 132072 50RB#0 20.70 14.7 30.00 PASS Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS	Band66	20MHz	16QAM	132072	1RB#49	21.49	15.49	30.00	PASS
Band66 20MHz 16QAM 132072 50RB#25 20.60 14.6 30.00 PASS Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.57 14.57 30.00 PASS	Band66	20MHz	16QAM	132072	1RB#99	21.23	15.23	30.00	PASS
Band66 20MHz 16QAM 132072 50RB#50 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS	Band66	20MHz	16QAM	132072	50RB#0	20.70	14.7	30.00	PASS
Band66 20MHz 16QAM 132072 100RB#0 20.67 14.67 30.00 PASS Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS	Band66	20MHz	16QAM	132072	50RB#25	20.60	14.6	30.00	PASS
Band66 20MHz 16QAM 132322 1RB#0 21.34 15.34 30.00 PASS Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS	Band66	20MHz	16QAM	132072	50RB#50	20.66	14.66	30.00	PASS
Band66 20MHz 16QAM 132322 1RB#49 21.27 15.27 30.00 PASS Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS	Band66	20MHz	16QAM	132072	100RB#0	20.67	14.67	30.00	PASS
Band66 20MHz 16QAM 132322 1RB#99 21.09 15.09 30.00 PASS Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS	Band66	20MHz	16QAM	132322	1RB#0	21.34	15.34	30.00	PASS
Band66 20MHz 16QAM 132322 50RB#0 20.66 14.66 30.00 PASS Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS	Band66	20MHz	16QAM	132322	1RB#49	21.27	15.27	30.00	PASS
Band66 20MHz 16QAM 132322 50RB#25 20.55 14.55 30.00 PASS Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132322	1RB#99	21.09	15.09	30.00	PASS
Band66 20MHz 16QAM 132322 50RB#50 20.57 14.57 30.00 PASS Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132322	50RB#0	20.66	14.66	30.00	PASS
Band66 20MHz 16QAM 132322 100RB#0 20.54 14.54 30.00 PASS Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132322	50RB#25	20.55	14.55	30.00	PASS
Band66 20MHz 16QAM 132572 1RB#0 21.03 15.03 30.00 PASS Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132322	50RB#50	20.57	14.57	30.00	PASS
Band66 20MHz 16QAM 132572 1RB#49 20.90 14.9 30.00 PASS Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132322	100RB#0	20.54	14.54	30.00	PASS
Band66 20MHz 16QAM 132572 1RB#99 20.73 14.73 30.00 PASS Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132572	1RB#0	21.03	15.03	30.00	PASS
Band66 20MHz 16QAM 132572 50RB#0 20.17 14.17 30.00 PASS Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132572	1RB#49	20.90	14.9	30.00	PASS
Band66 20MHz 16QAM 132572 50RB#25 20.12 14.12 30.00 PASS Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132572	1RB#99	20.73	14.73	30.00	PASS
Band66 20MHz 16QAM 132572 50RB#50 20.16 14.16 30.00 PASS	Band66	20MHz	16QAM	132572	50RB#0	20.17	14.17	30.00	PASS
	Band66	20MHz	16QAM	132572	50RB#25	20.12	14.12	30.00	PASS
Band66 20MHz 16QAM 132572 100RB#0 20.15 14.15 30.00 PASS	Band66	20MHz	16QAM	132572	50RB#50	20.16	14.16	30.00	PASS
	Band66	20MHz	16QAM	132572	100RB#0	20.15	14.15	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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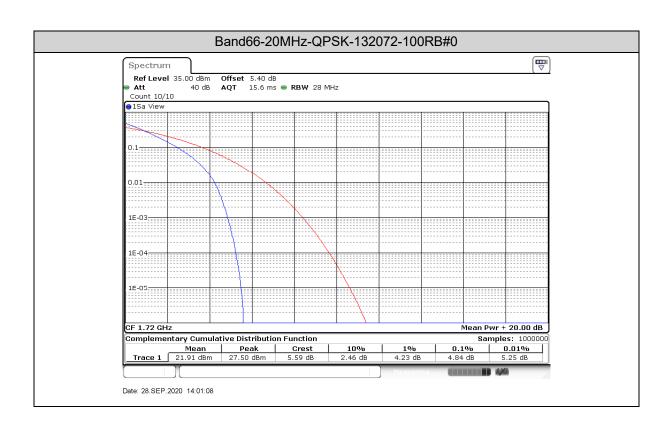
Page: 10 of 72

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	4.84	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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11 of 72 Page:



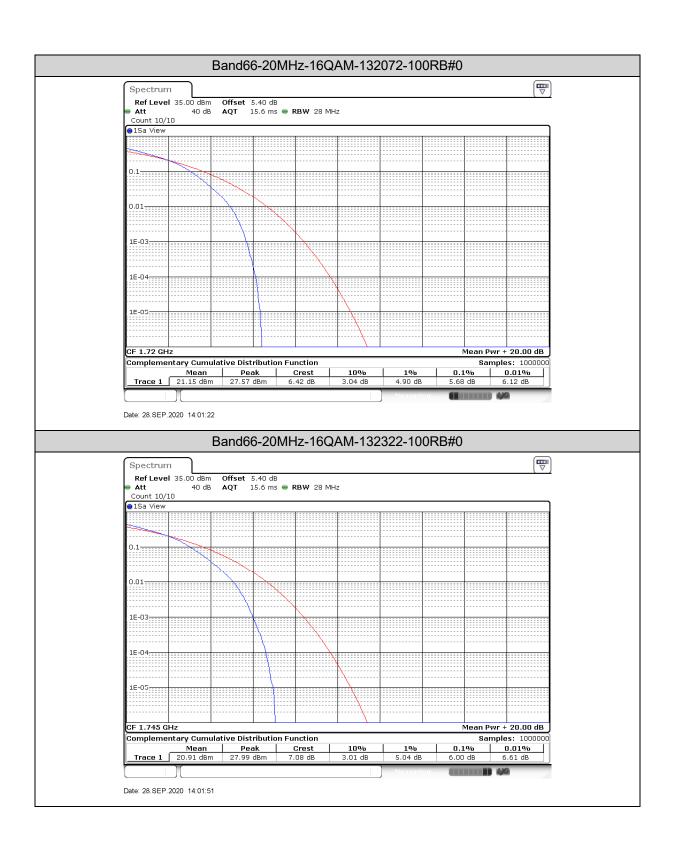


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12 of 72 Page:

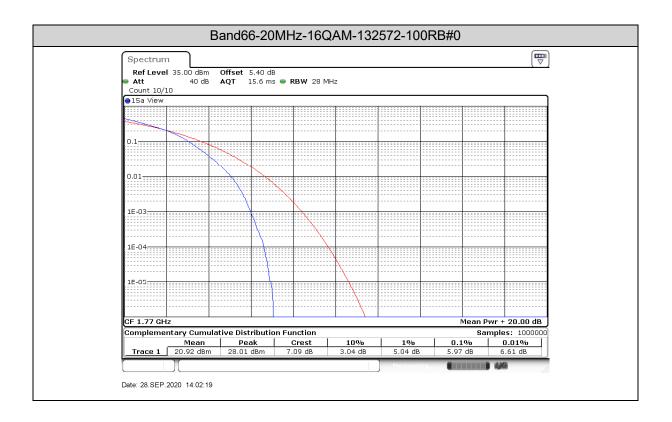




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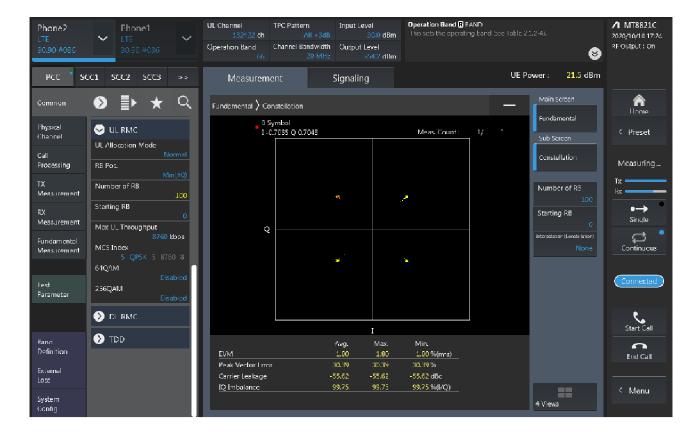
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14 of 72 Page:

Modulation Characteristics 3

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH

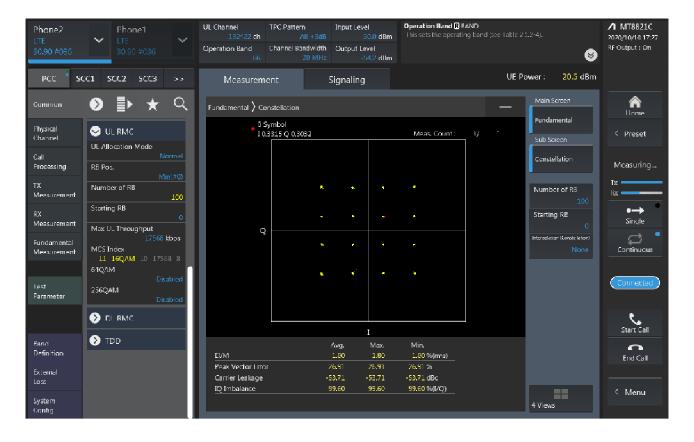




15 of 72 Page:

3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH





Page: 16 of 72

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	1.094	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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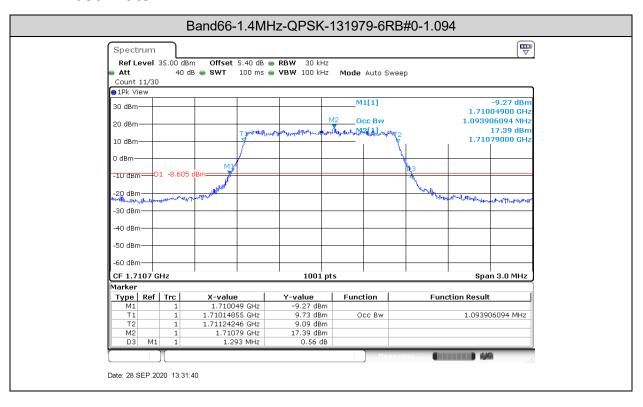


Report No.: ZR/2020/9003701

Page: 17 of 72

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



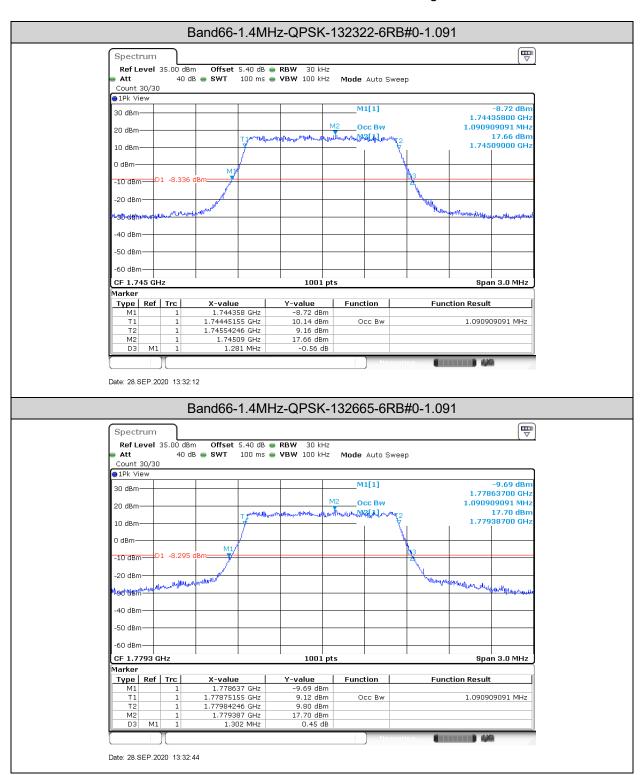


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18 of 72 Page:





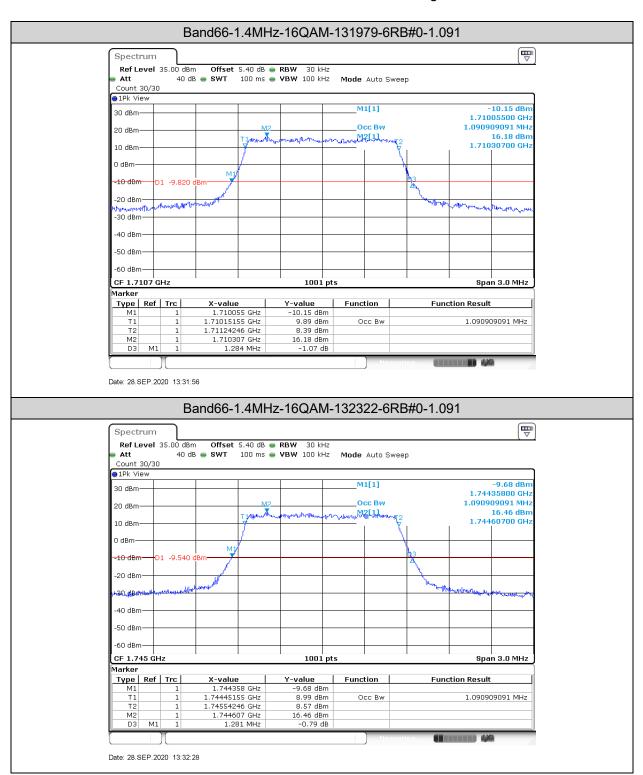
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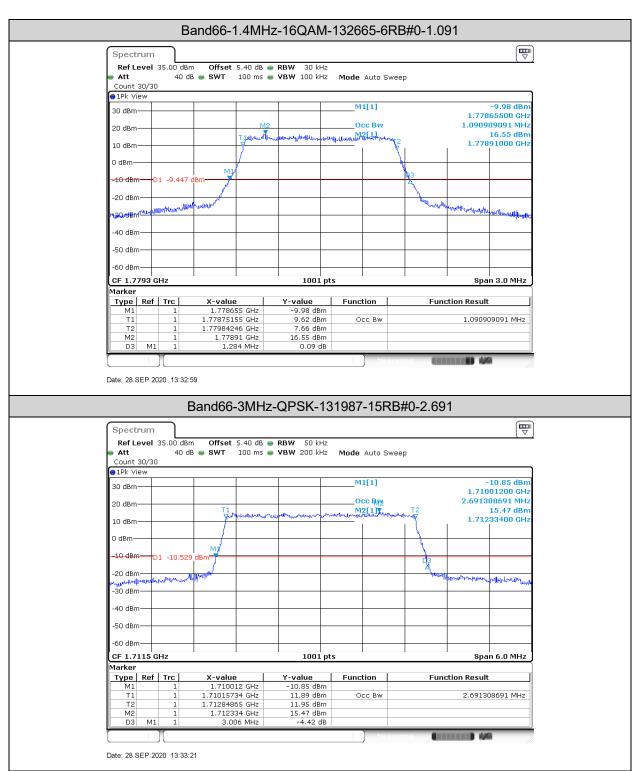
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Page: 20 of 72





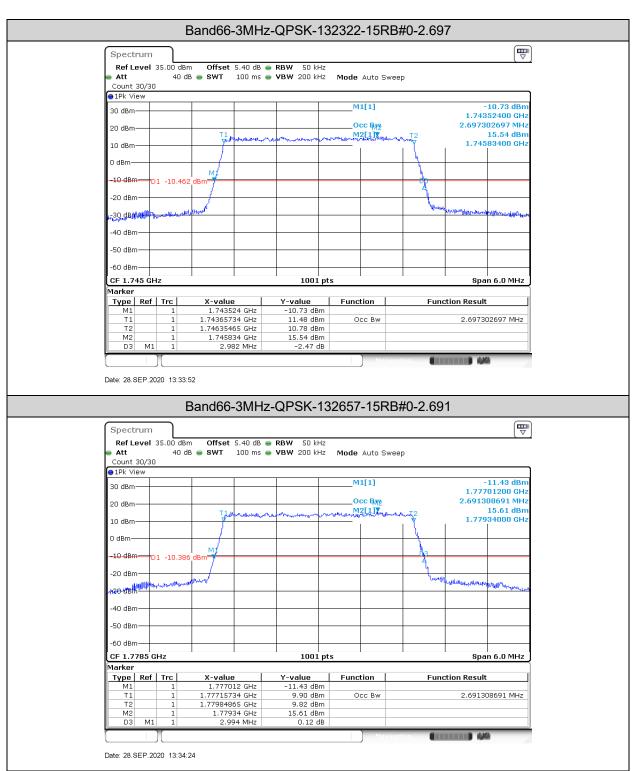
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Report No.: ZR/2020/9003701

21 of 72 Page:





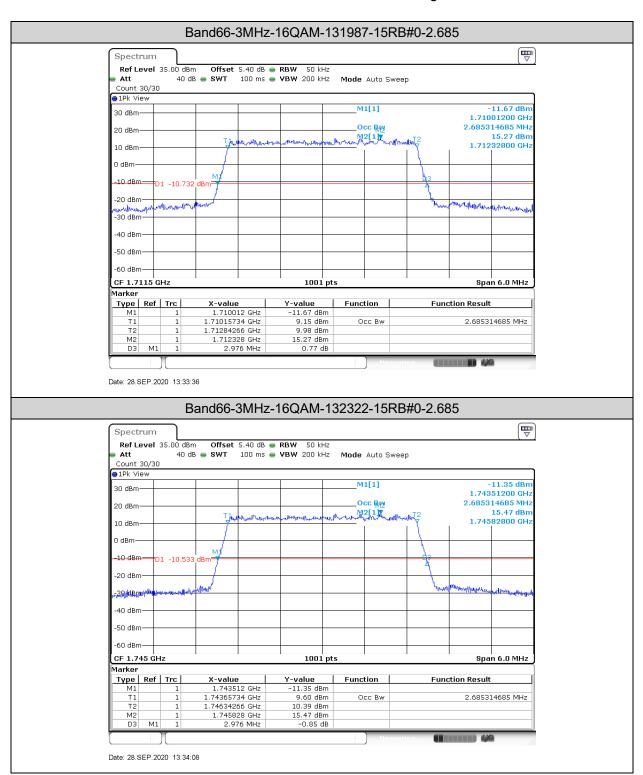
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Report No.: ZR/2020/9003701

22 of 72 Page:





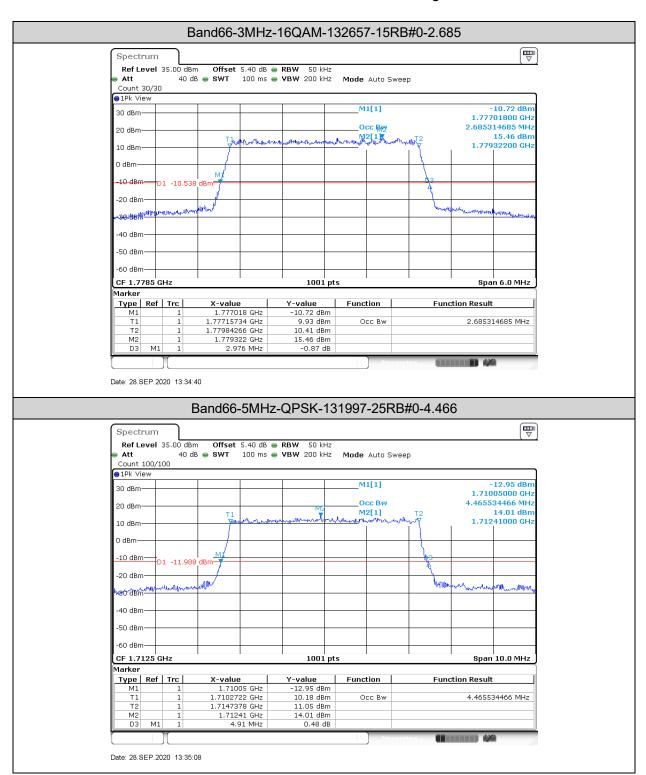
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Report No.: ZR/2020/9003701

23 of 72 Page:





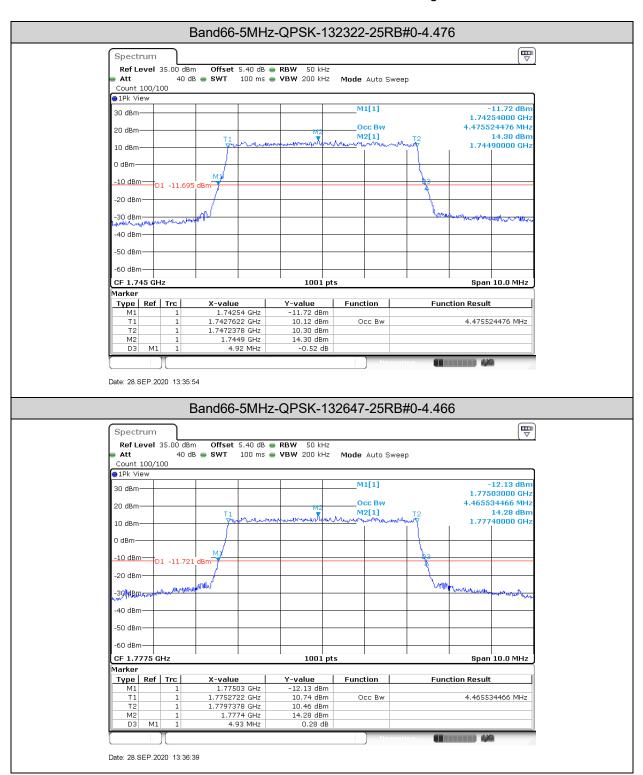
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Report No.: ZR/2020/9003701

24 of 72 Page:





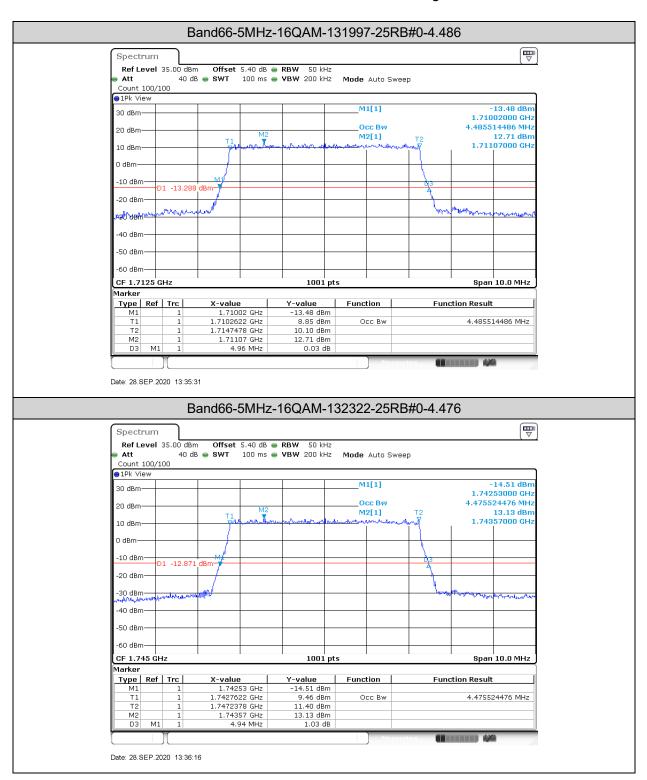
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Report No.: ZR/2020/9003701

25 of 72 Page:





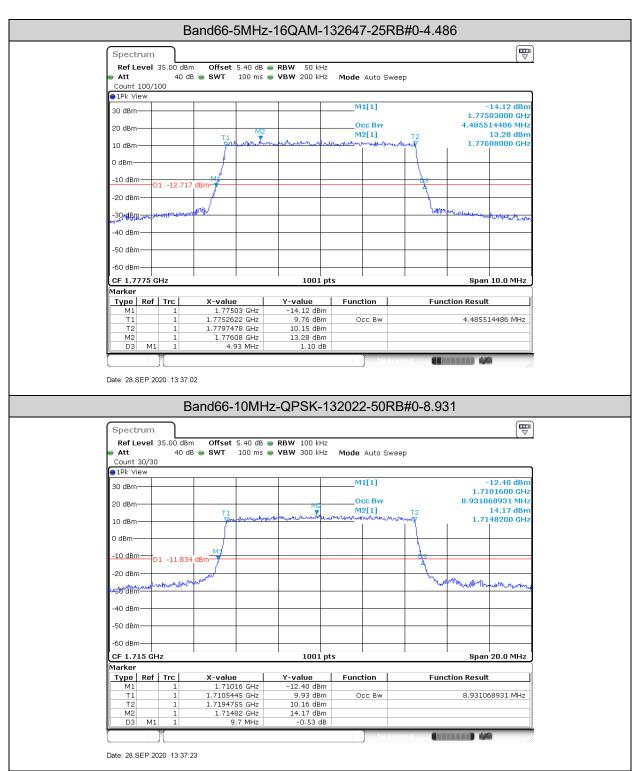
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Report No.: ZR/2020/9003701

26 of 72 Page:





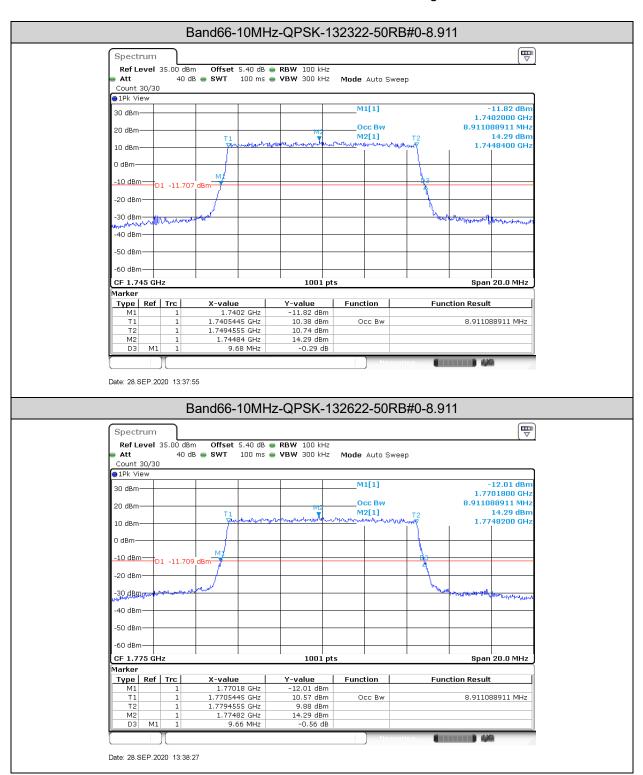
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Report No.: ZR/2020/9003701

Page: 27 of 72





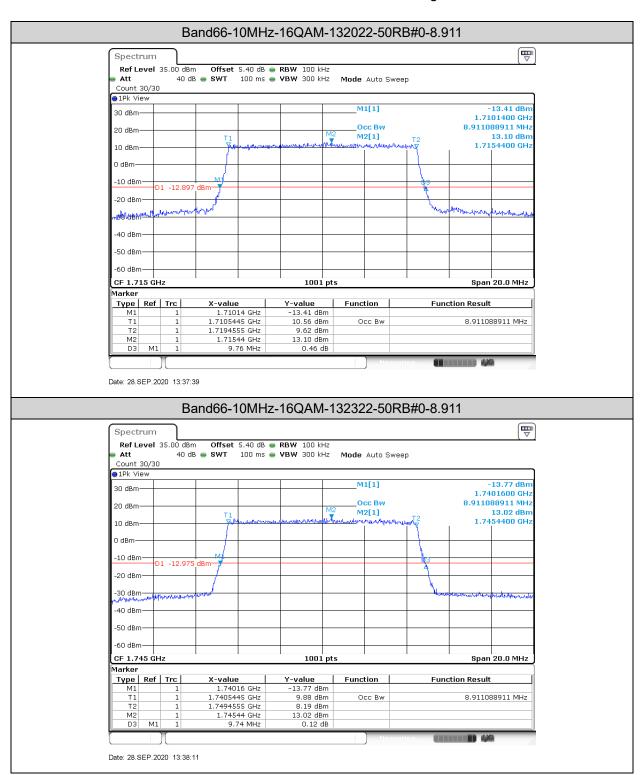
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Report No.: ZR/2020/9003701

28 of 72 Page:





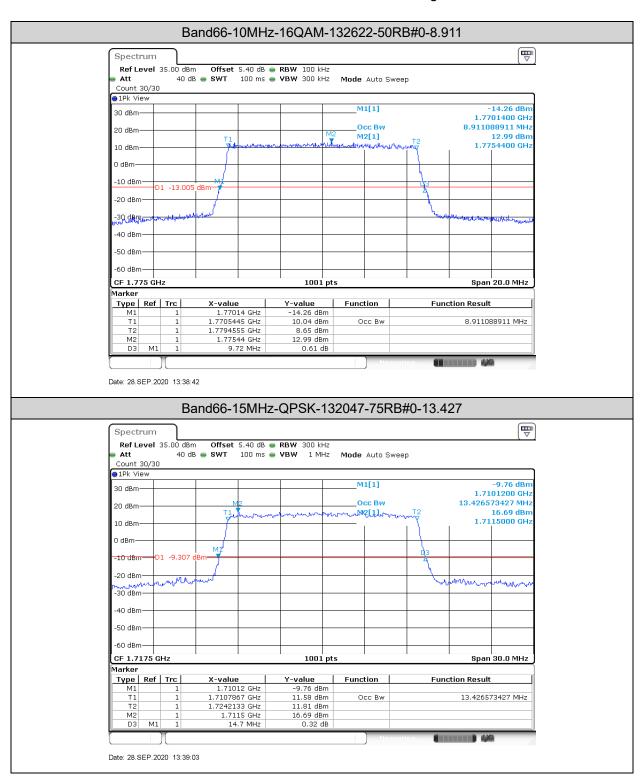
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Report No.: ZR/2020/9003701

Page: 29 of 72





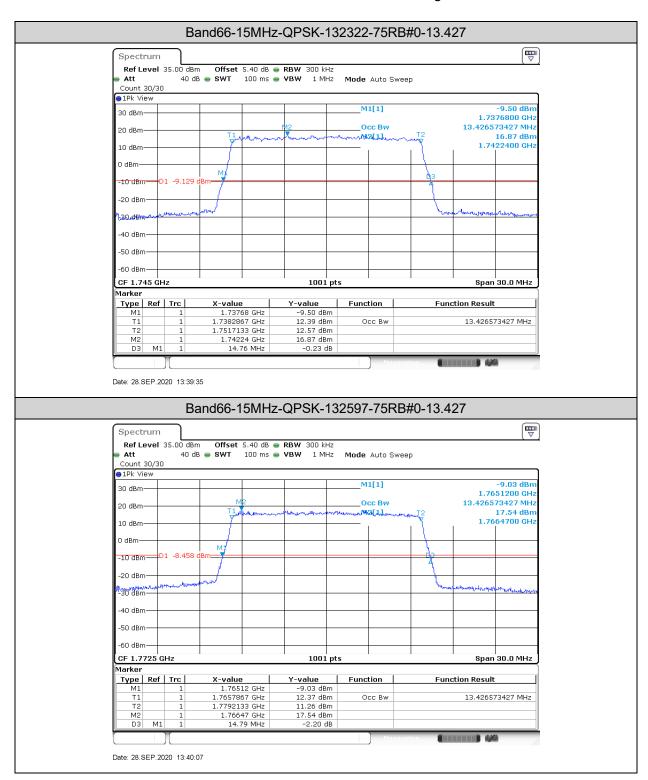
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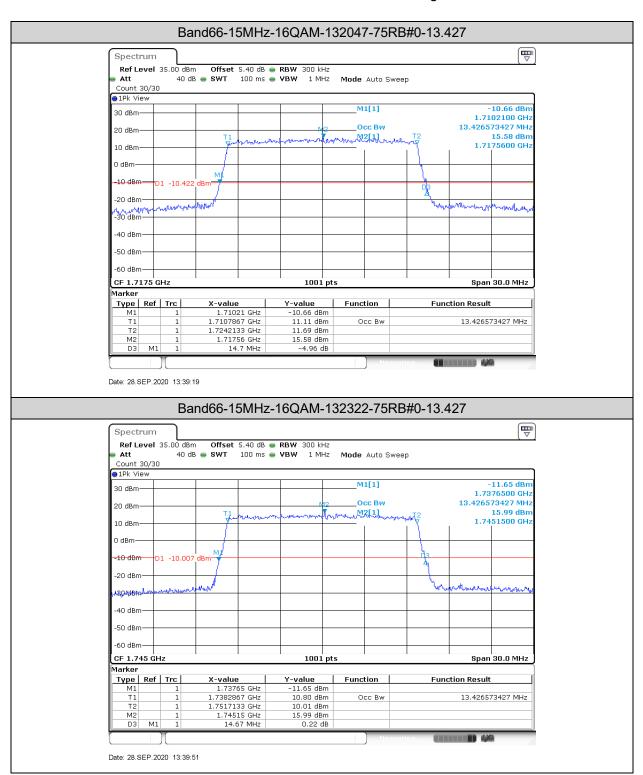
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Report No.: ZR/2020/9003701

31 of 72 Page:





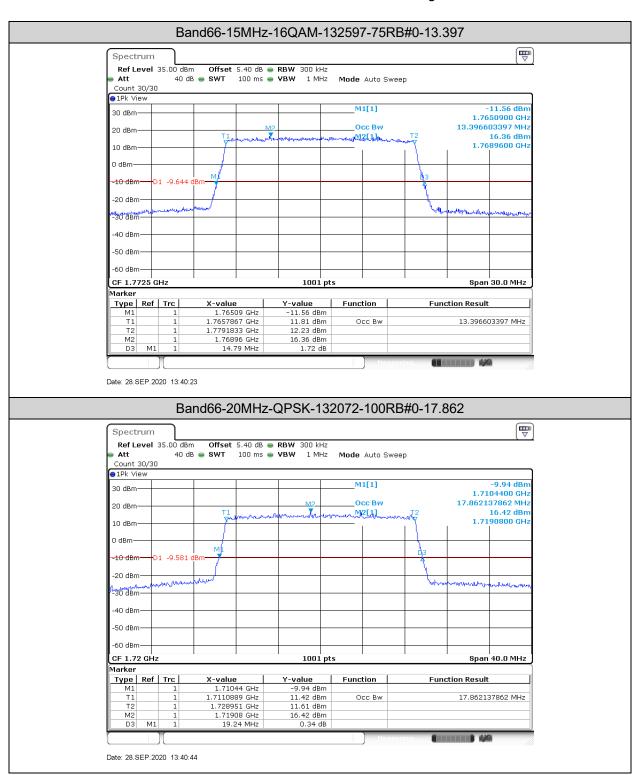
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Report No.: ZR/2020/9003701

Page: 32 of 72





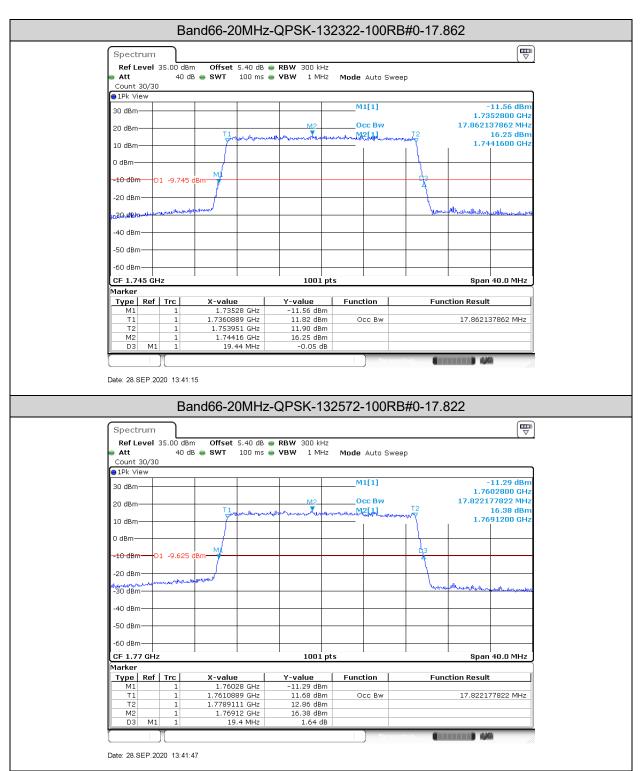
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Report No.: ZR/2020/9003701

Page: 33 of 72





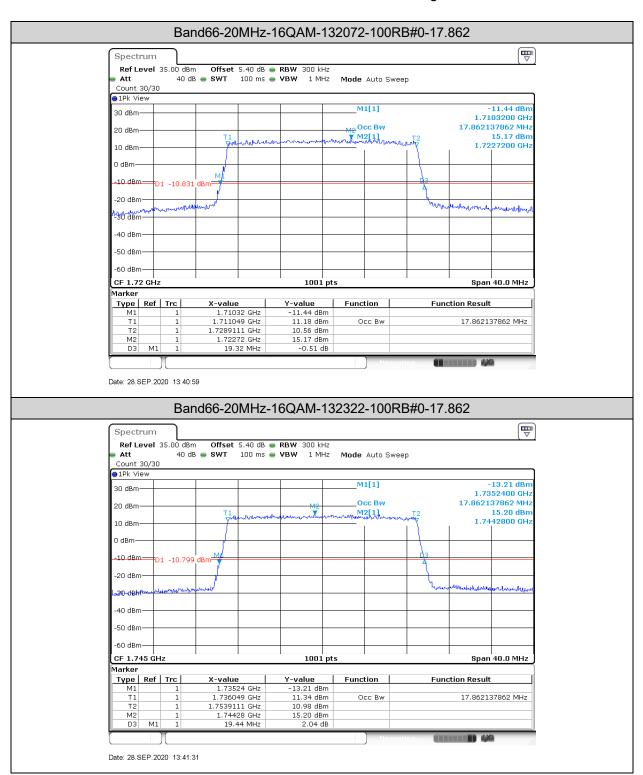
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Report No.: ZR/2020/9003701

Page: 34 of 72





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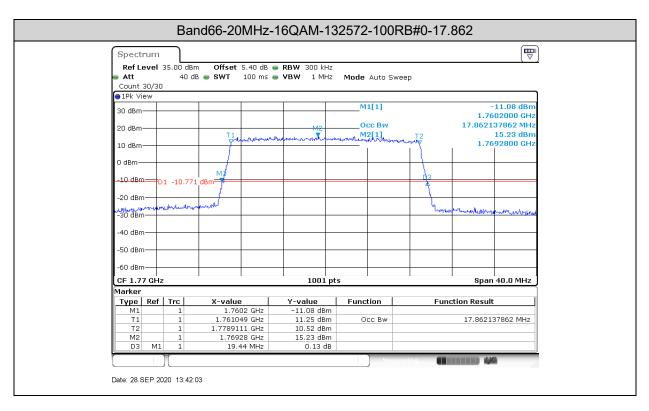
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Report No.: ZR/2020/9003701

35 of 72 Page:





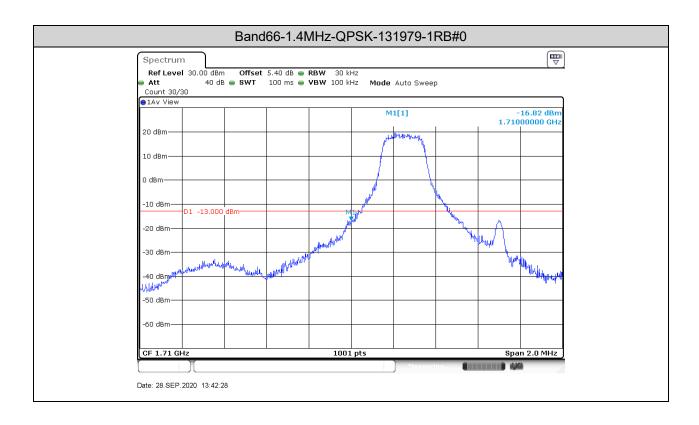
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Page: 36 of 72

Band Edge Compliance

5.1Test Plots





Report No.: ZR/2020/9003701

37 of 72 Page:





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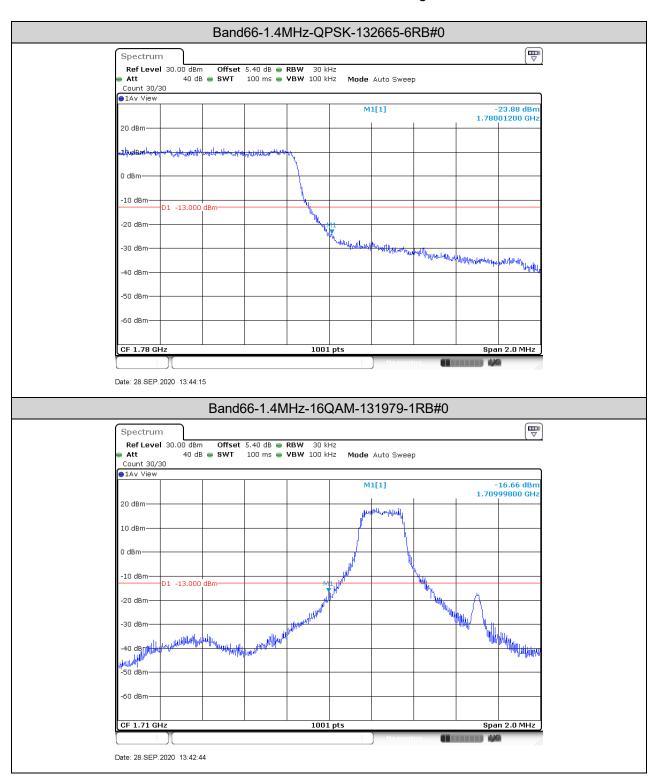
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Report No.: ZR/2020/9003701

38 of 72 Page:





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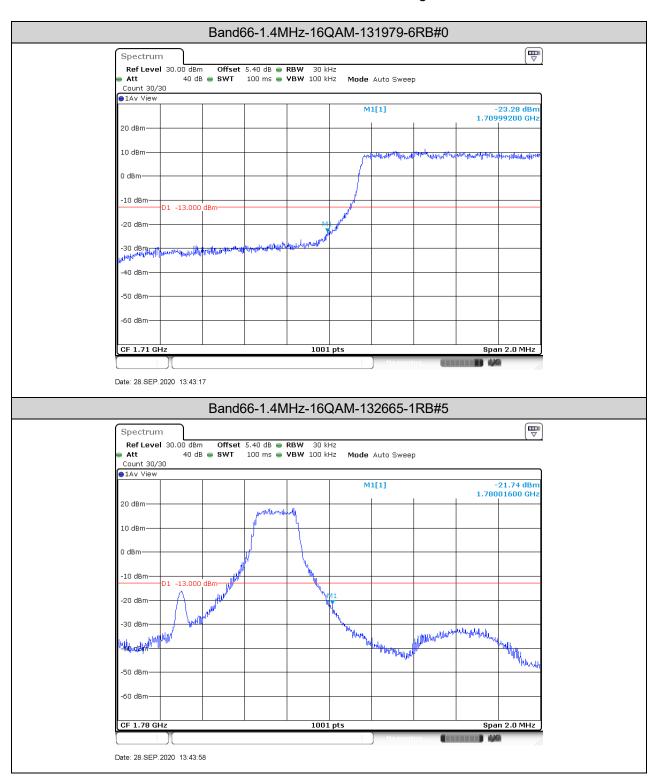
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39 of 72 Page:



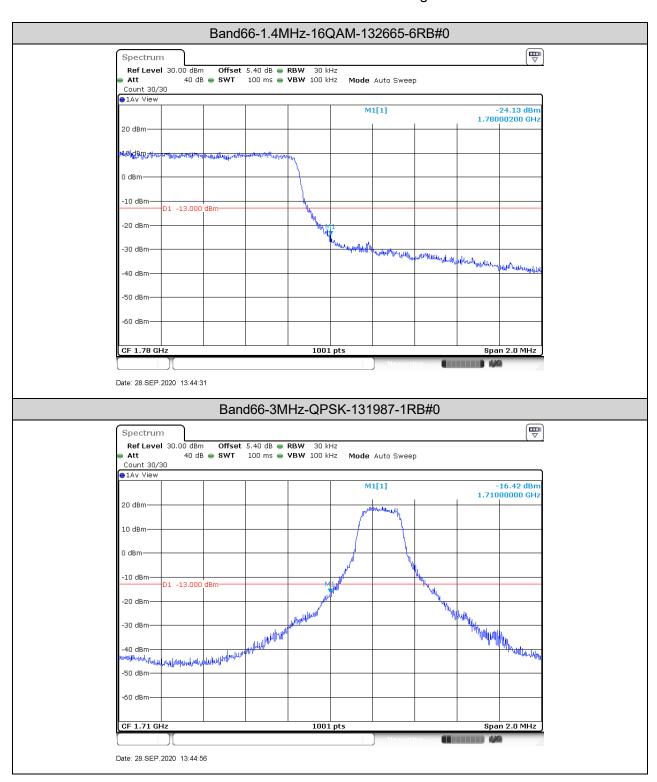


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40 of 72 Page:





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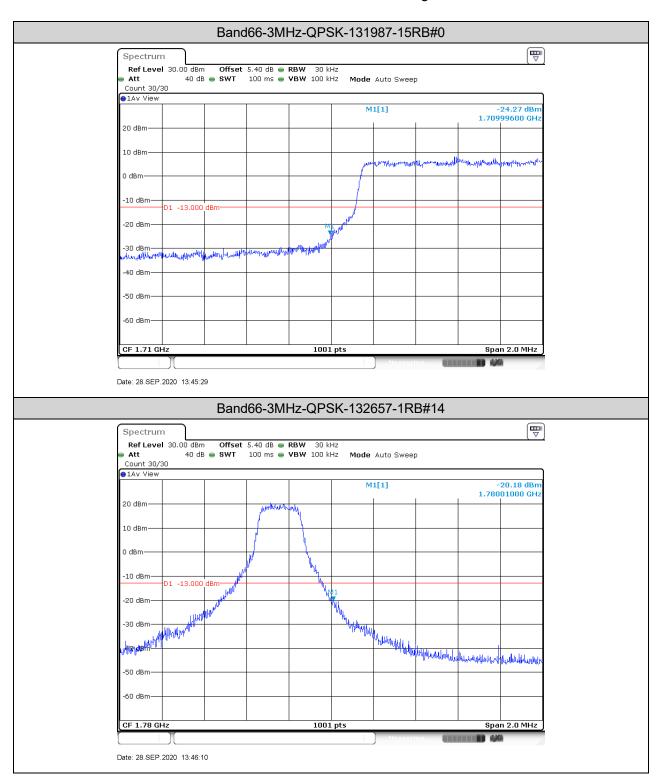
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41 of 72 Page:





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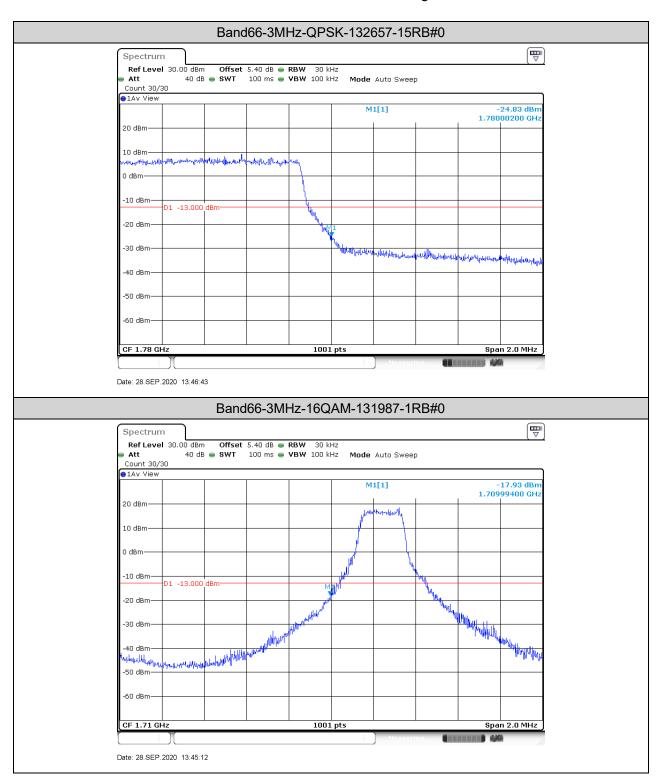
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42 of 72 Page:





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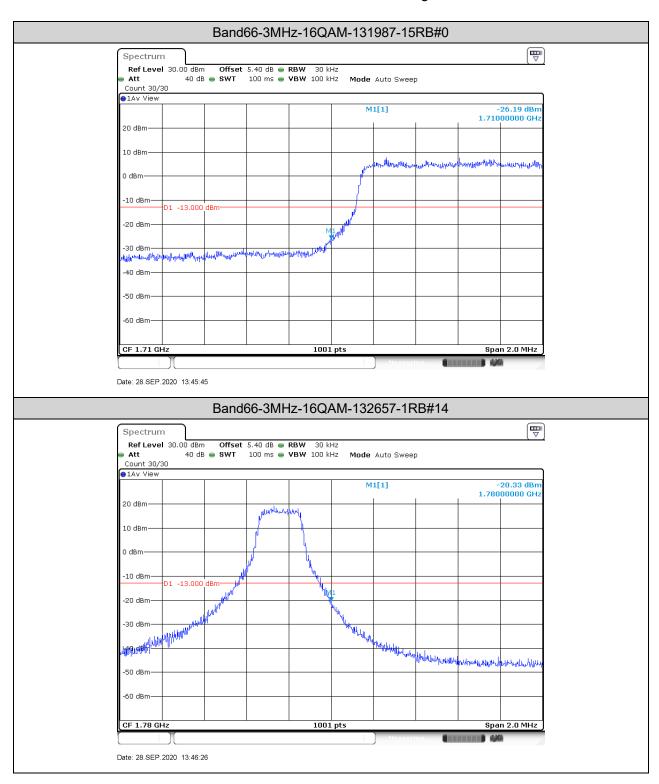
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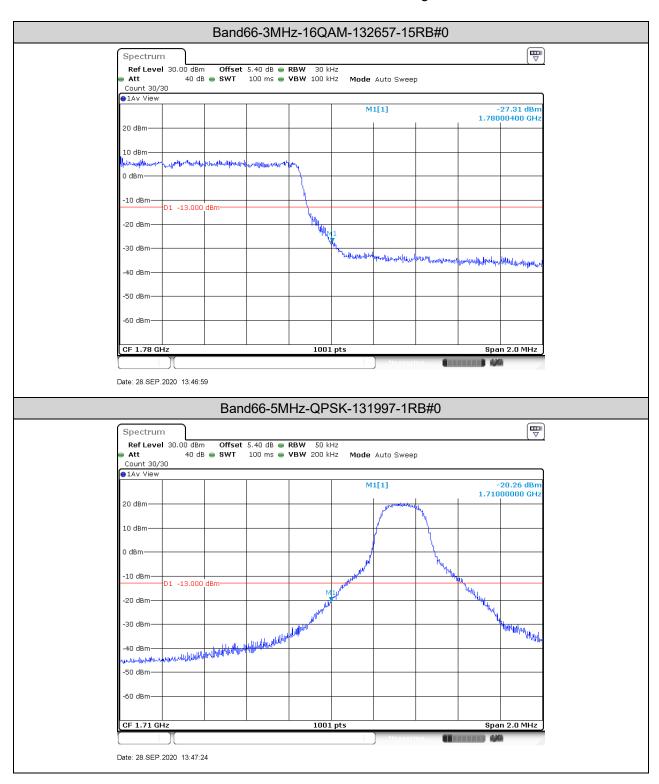
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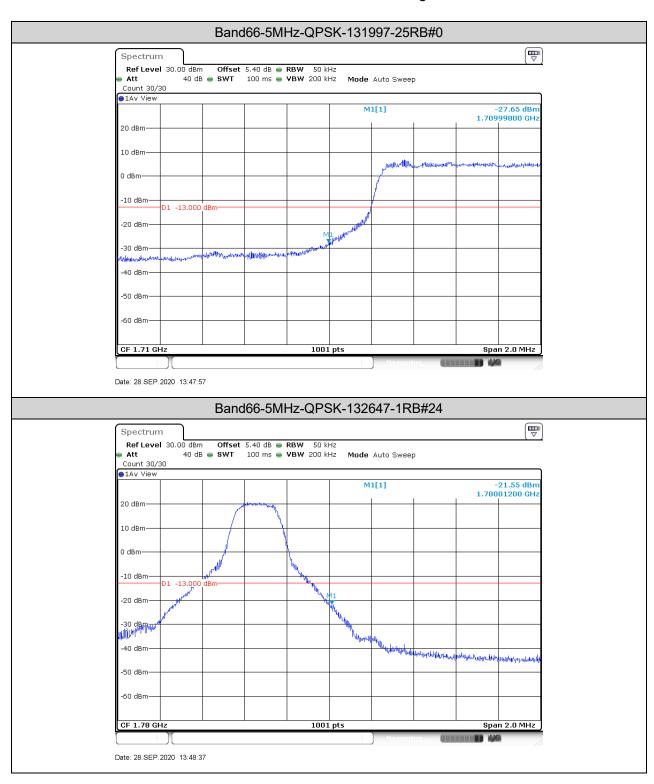
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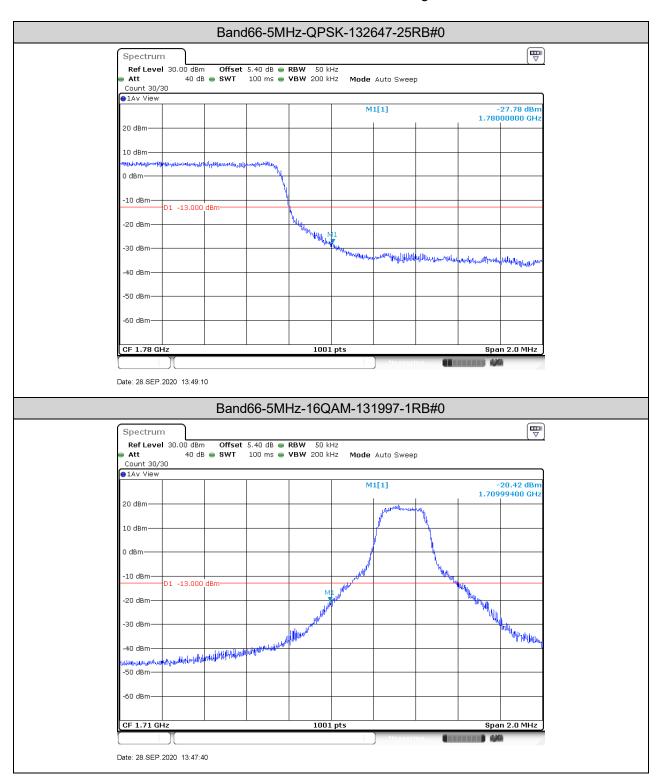
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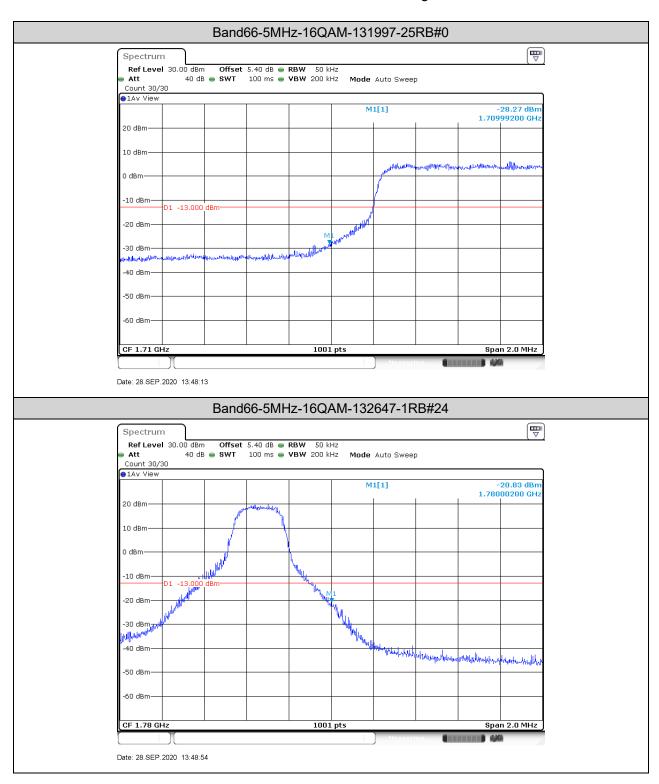
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47 of 72 Page:



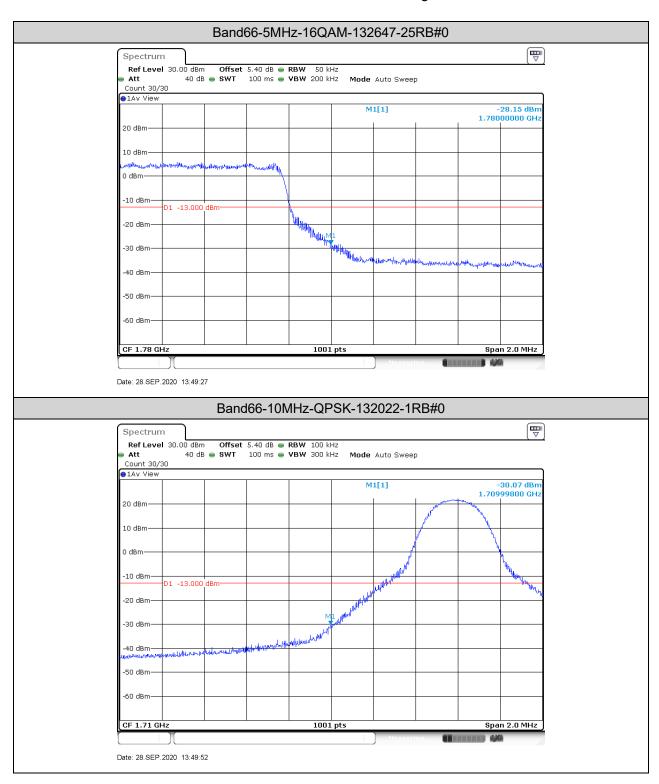


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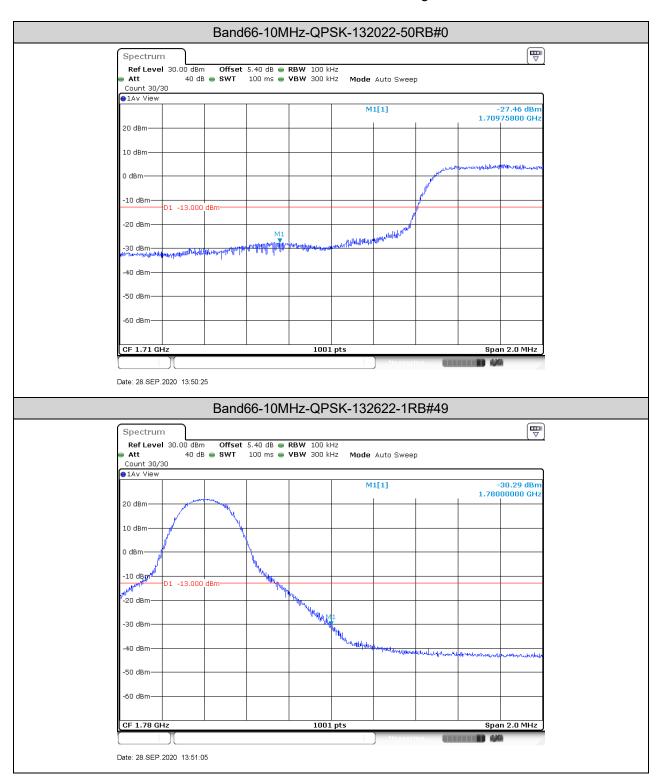
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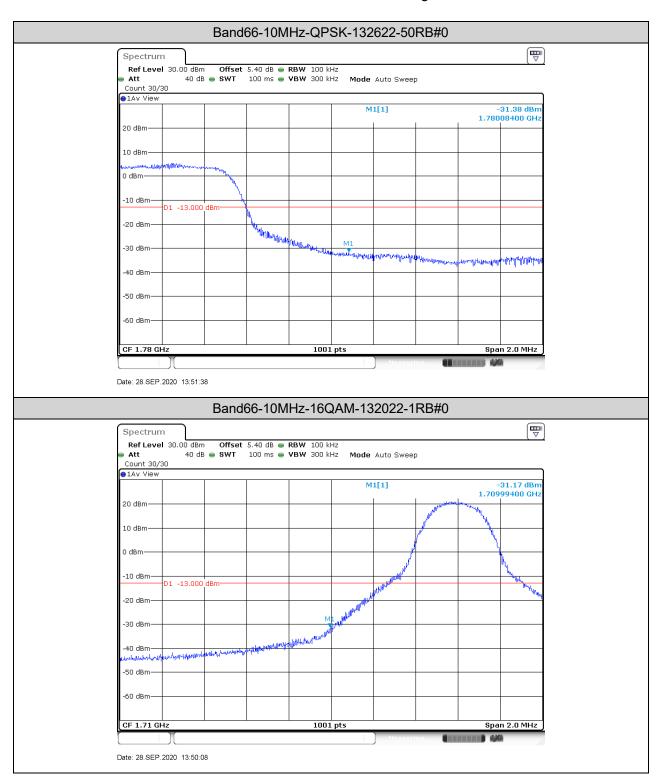
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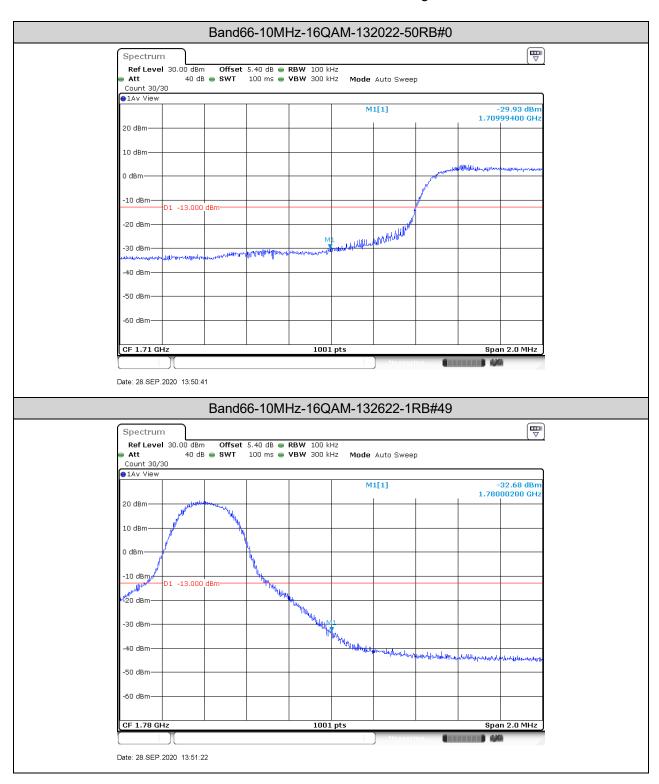
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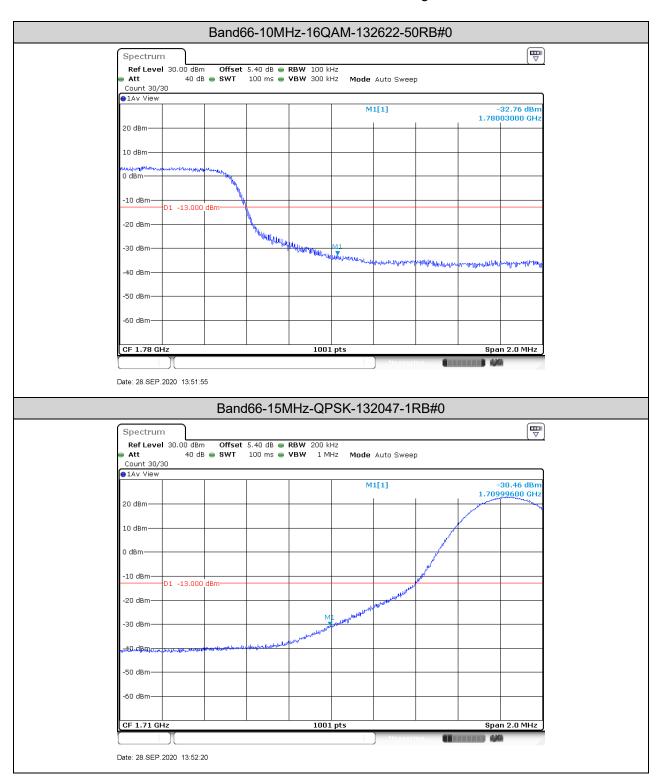
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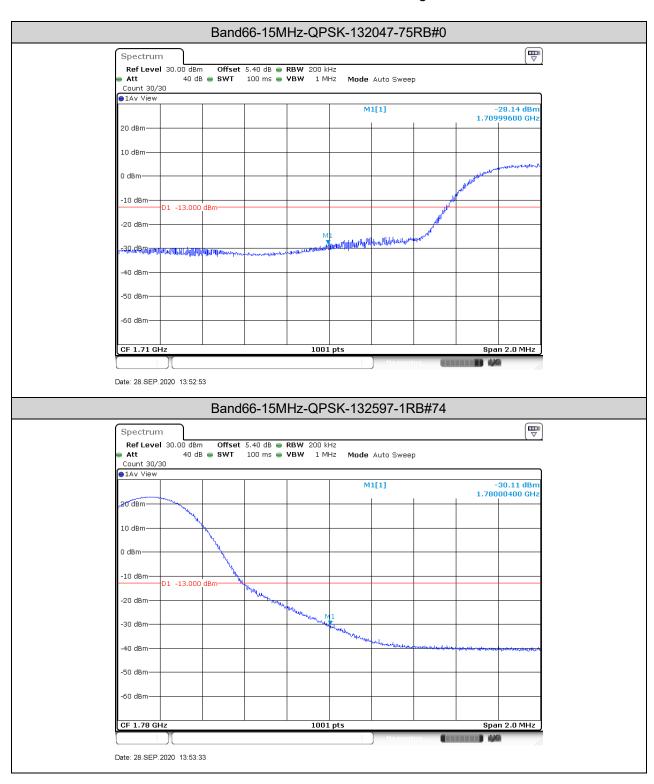
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53 of 72 Page:





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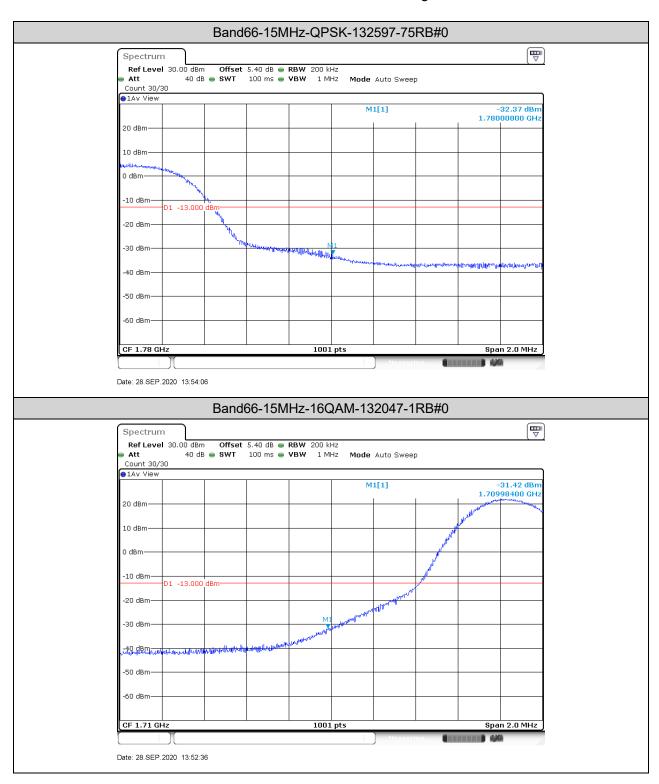
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Report No.: ZR/2020/9003701

54 of 72 Page:





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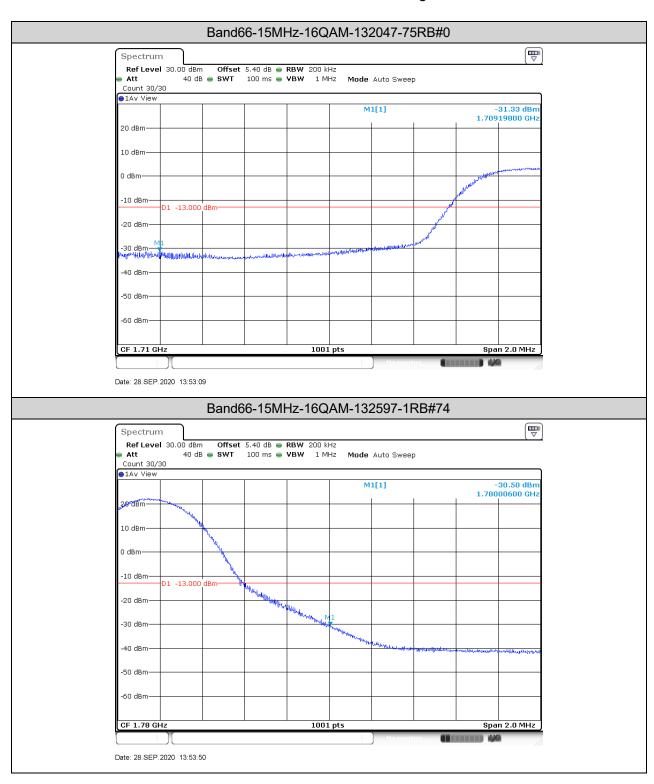
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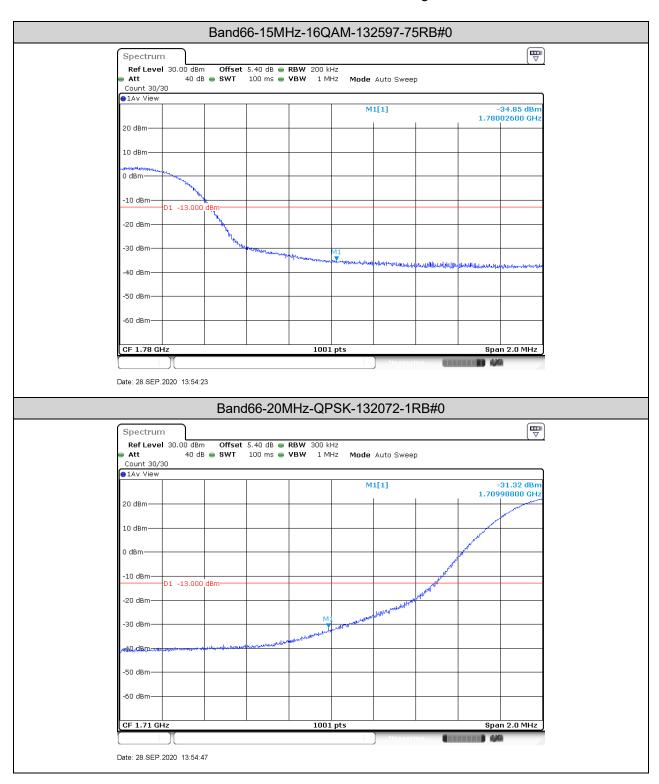
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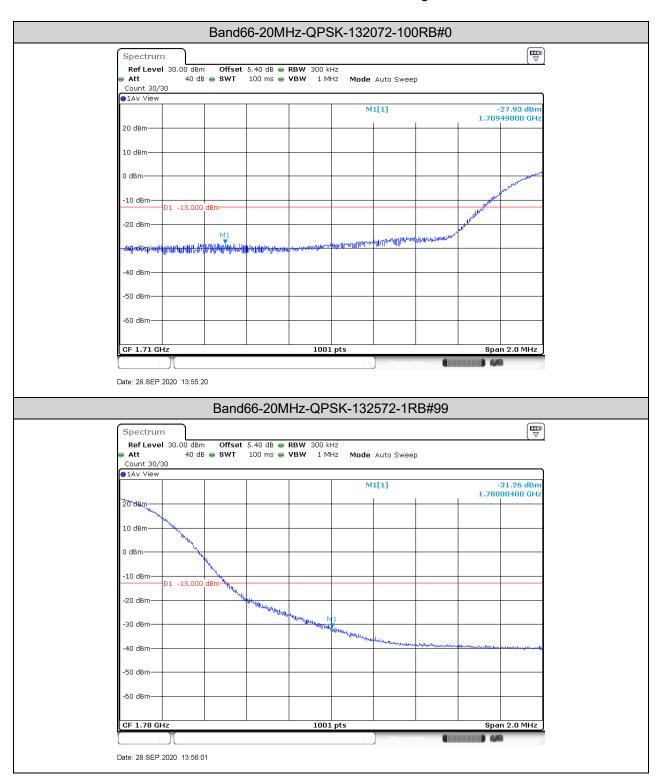
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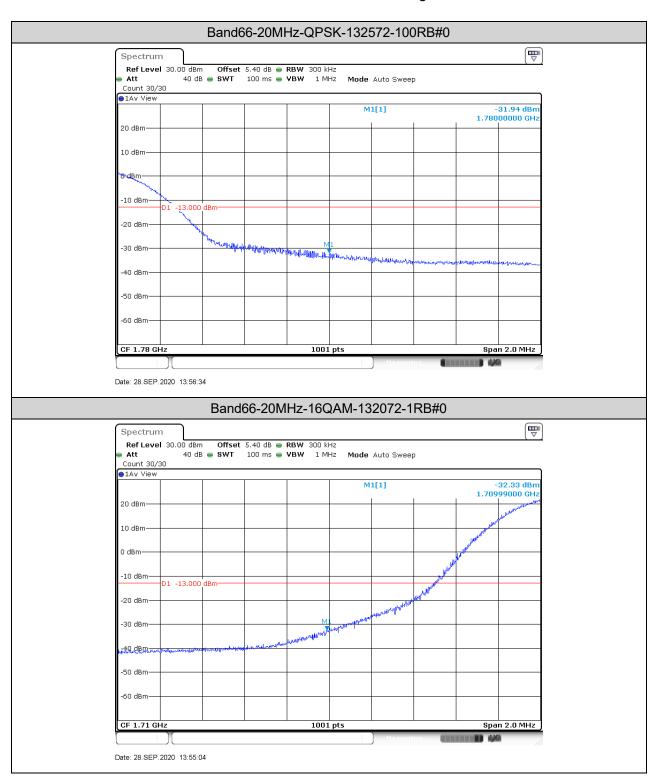
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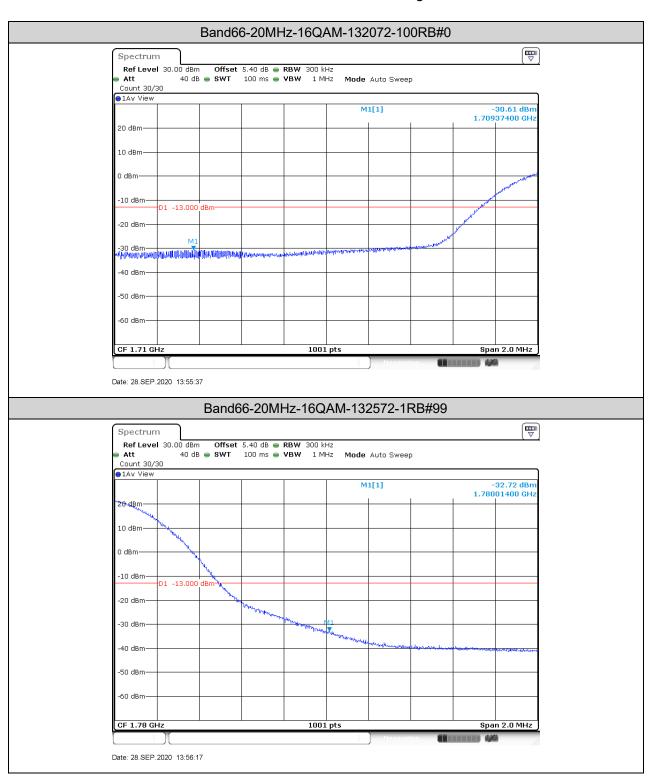
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59 of 72 Page:





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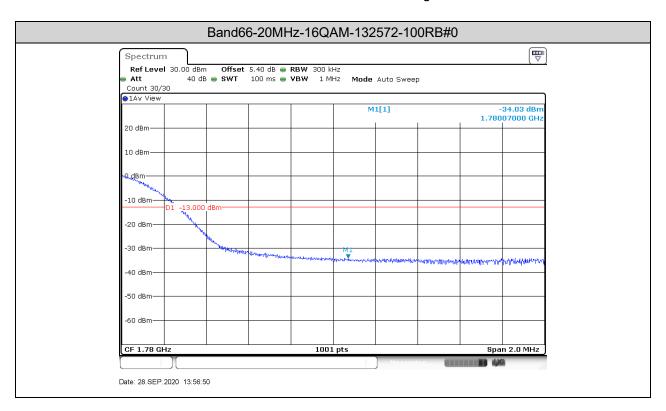
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Page: 60 of 72





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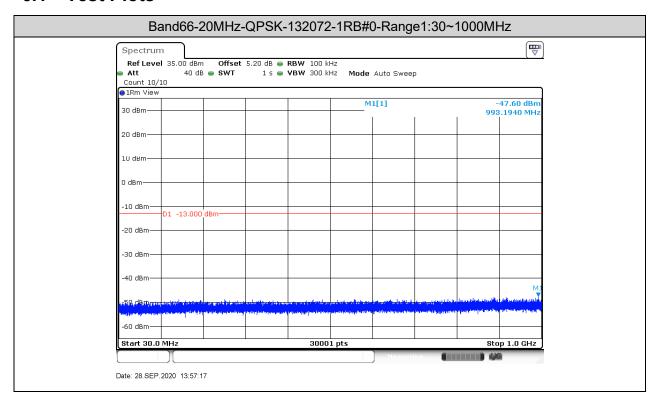
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Page: 61 of 72

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

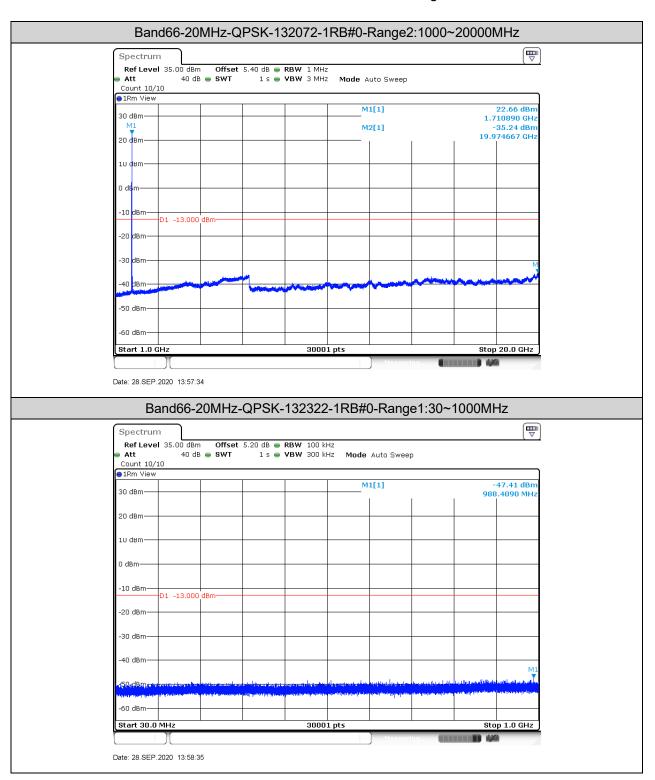






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Page: 62 of 72





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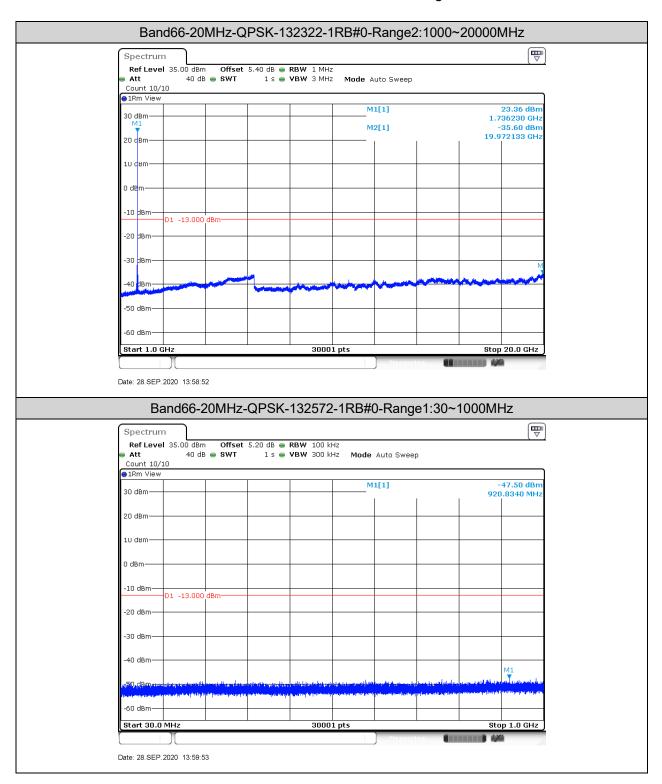
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Page: 63 of 72





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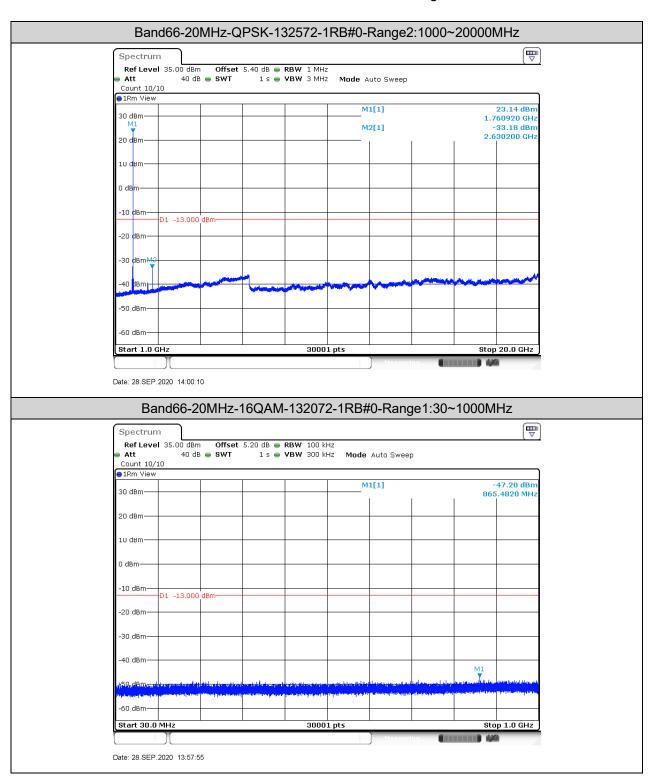
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Page: 64 of 72





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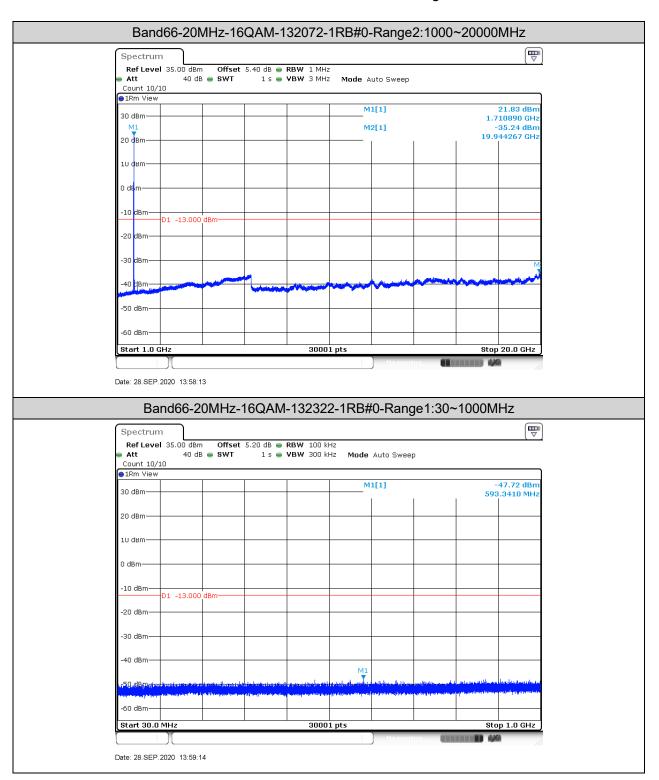
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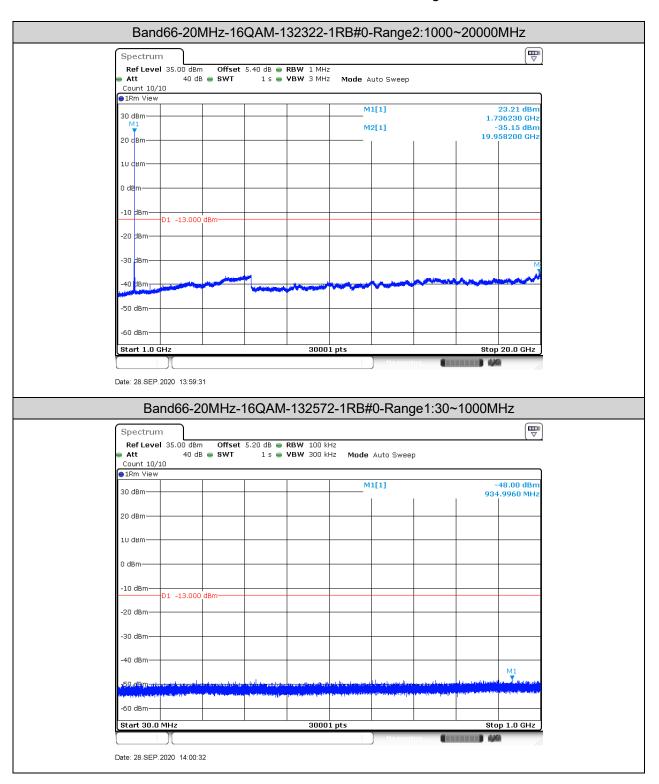
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Page: 66 of 72





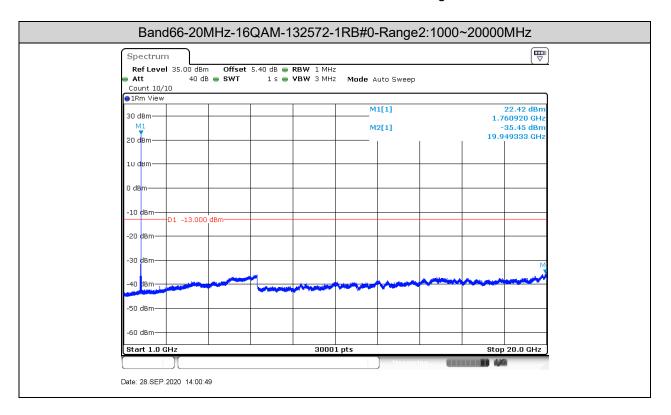
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Page: 68 of 72

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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Page: 69 of 72

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.
- The disturbance below 30MHz was very low, and the above harmonics were the highest point could be 2 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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Page: 70 of 72

8 Frequency Stability

8.1 Frequency Vs Voltage

	Voltage									
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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Page: 71 of 72

8.2 Frequency Vs Temperature

Temperature										
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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Report No.: ZR/2020/9003701

Page: 72 of 72

Band66	20MHz	16QAM	132072	100RB#0	NV	30	1.40	0.000814	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	1.10	0.000640	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	2.90	0.001686	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	1.20	0.000688	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-1.40	-0.000802	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-2.10	-0.001203	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	0.50	0.000287	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-3.30	-0.001891	±2.5	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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