

Appendix A.3

Check data for
SUCR240500014801
SUCR240500014802



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1.Power & RSE

Test Item		Channel		Unit	2BEY3LCUK54WRDA (Reference)	2BEY3LCUK54WWDA (Variant)	Limit	Difference (%)<25%	Limit margin 50%
PCB	WCDMA B2	12.2kbps RMC	M-5MHz	dbm	23.15	22.74	33	9%	
	WCDMA B4	12.2kbps RMC	M-5MHz		23.17	22.86	30	7%	
	WCDMA B5	12.2kbps RMC	M-5MHz		22.88	22.4	38.45	10%	
	Band2	QPSK	M-20MHz		23.84	23.45	33	9%	
	Band2	QPSK	M-20MHz		23.79	23.37	33	9%	
	Band2	QPSK	M-20MHz		23.61	23.25	33	8%	
	Band2	QPSK	M-20MHz		22.8	22.37	33	9%	
	Band4	QPSK	M-20MHz		23.54	23.16	30	8%	
	Band4	QPSK	M-20MHz		23.58	23.16	30	9%	
	Band4	QPSK	M-20MHz		23.49	23.08	30	9%	
	Band4	QPSK	M-20MHz		22.59	22.14	30	10%	
	Band5	QPSK	M-10MHz		23.21	22.71	38.45	11%	
	Band5	QPSK	M-10MHz		23.2	22.71	38.45	11%	
	Band5	QPSK	M-10MHz		23.14	22.63	38.45	11%	
	Band5	QPSK	M-10MHz		22.34	21.74	38.45	13%	
	Band7	QPSK	M-20MHz		23.29	22.9	33	9%	
	Band7	QPSK	M-20MHz		23.27	22.87	33	9%	
	Band7	QPSK	M-20MHz		23.26	22.87	33	9%	
	Band7	QPSK	M-20MHz		22.36	21.92	33	10%	
	Band12	QPSK	M-10MHz		23.08	22.72	34.77	8%	
	Band12	QPSK	M-10MHz		23.17	22.76	34.77	9%	
	Band12	QPSK	M-10MHz		23.14	22.72	34.77	9%	
	Band12	QPSK	M-10MHz		22.3	21.78	34.77	11%	
	Band13	QPSK	M-10MHz		23.23	22.56	34.77	14%	
	Band13	QPSK	M-10MHz		23.1	22.74	34.77	8%	
	Band13	QPSK	M-10MHz		23.03	22.53	34.77	11%	
	Band13	QPSK	M-10MHz		22.21	21.82	34.77	9%	
	Band14	QPSK	M-10MHz		23.13	22.75	34.77	8%	
	Band14	QPSK	M-10MHz		23.06	22.7	34.77	8%	
	Band14	QPSK	M-10MHz		23.02	22.6	34.77	9%	
	Band14	QPSK	M-10MHz		22.21	21.75	34.77	10%	
	Band17	QPSK	M-10MHz		23.08	22.74	34.77	8%	
	Band17	QPSK	M-10MHz		23.09	22.74	34.77	8%	
	Band17	QPSK	M-10MHz		23.18	22.63	34.77	12%	
	Band17	QPSK	M-10MHz		22.26	21.74	34.77	11%	
	Band25	QPSK	M-20MHz		23.75	23.08	33	14%	
	Band25	QPSK	M-20MHz		23.77	23.08	33	15%	
	Band25	QPSK	M-20MHz		23.63	22.96	33	14%	
	Band25	QPSK	M-20MHz		22.8	22.17	33	14%	
	Band26-L	QPSK	M-10MHz		23.02	22.54	50	10%	
	Band26-L	QPSK	M-10MHz		22.95	22.54	50	9%	
	Band26-L	QPSK	M-10MHz		23.02	22.68	50	8%	
	Band26-L	QPSK	M-10MHz		22.18	21.67	50	11%	
	Band26-H	QPSK	M-15MHz		23.14	22.72	38.45	9%	
	Band26-H	QPSK	M-15MHz		23.05	22.65	38.45	9%	
	Band26-H	QPSK	M-15MHz		22.94	22.57	38.45	8%	
	Band26-H	QPSK	M-15MHz		22.19	21.73	38.45	10%	
	Band30	QPSK	M-10MHz		21.38	20.28	23.98	22%	
	Band30	QPSK	M-10MHz		21.34	20.37	23.98	20%	
	Band30	QPSK	M-10MHz		21.4	20.44	23.98	20%	
	Band30	QPSK	M-10MHz		20.36	19.42	23.98	19%	
	Band38	QPSK	M-20MHz		23.23	22.73	33	11%	
	Band38	QPSK	M-20MHz		23.3	22.75	33	12%	
	Band38	QPSK	M-20MHz		23.17	22.72	33	10%	
	Band38	QPSK	M-20MHz		22.35	21.87	33	10%	
	Band41	QPSK	M-20MHz		23.28	22.82	33	10%	
	Band41	QPSK	M-20MHz		23.27	22.92	33	8%	
	Band41	QPSK	M-20MHz		23.27	22.81	33	10%	



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	Band41	QPSK	M-20MHz		22.28	21.86	33	9%	
	Band66	QPSK	M-20MHz		23.32	23.27	30	1%	
	Band66	QPSK	M-20MHz		23.37	23.24	30	3%	
	Band66	QPSK	M-20MHz		23.19	23.07	30	3%	
	Band66	QPSK	M-20MHz		22.51	22.19	30	7%	
	Band71	QPSK	M-20MHz		22.98	22.8	34.77	4%	
	Band71	QPSK	M-20MHz		22.83	22.66	34.77	4%	
	Band71	QPSK	M-20MHz		22.81	22.66	34.77	3%	
Radiated Spurious emissions	WCDMA B2	L	H	dbm	22.04	21.7	34.77	8%	
					-70.04	-70.68	-13	14%	54.67
					-65.71	-66.65	-13	19%	50.64
					-62.42	-62.38	-13	1%	46.37
					-62.07	-61.83	-13	6%	45.82
					-58.34	-58.62	-13	6%	42.61
					-55.32	-60.24	-13	68%	44.23
					-71.4	-70.71	-13	17%	54.70
			V		-67.2	-66.71	-13	12%	50.70
					-63.3	-61.72	-13	44%	45.71
					-61.72	-61.78	-13	1%	45.77
					-58.78	-59.43	-13	14%	43.42
					-55.47	-60.1	-13	66%	44.09
					-70.21	-69.93	-13	7%	53.92
					-67.06	-67.04	-13	0%	51.03
					-62.45	-61.83	-13	15%	45.82
Radiated Spurious emissions	WCDMA B2	M	H	dbm	-60.07	-60.98	-13	19%	44.97
					-57.82	-59.35	-13	30%	43.34
					-56.55	-59.77	-13	52%	43.76
					-71.35	-67	-13	172%	50.99
					-67.44	-67.04	-13	10%	51.03
					-63.43	-61.77	-13	47%	45.76
					-60.31	-60.36	-13	1%	44.35
					-58.11	-59.24	-13	23%	43.23
			V		-56.35	-60.18	-13	59%	44.17
					-70.26	-69.58	-13	17%	53.57
					-66.77	-66.12	-13	16%	50.11
					-63.34	-61.95	-13	38%	45.94
					-58.72	-60.48	-13	33%	44.47
					-58.52	-58.7	-13	4%	42.69
					-56.49	-58.76	-13	41%	42.75
					-70.86	-69.79	-13	28%	53.78
Radiated Spurious emissions	WCDMA B2	H	H	dbm	-67.31	-65.7	-13	45%	49.69
					-63.03	-61.49	-13	43%	45.48
					-58.99	-59.82	-13	17%	43.81
					-58.7	-58.33	-13	9%	42.32
					-56.83	-59.41	-13	45%	43.40
					-63.65	-50.59	-40	1923%	7.58
					-61.96	-63.6	-40	31%	20.59
					-60.87	-62.08	-40	24%	19.07
			V		-58.59	-58.76	-40	4%	15.75
					-46.25	-55.03	-40	87%	12.02
					-55.05	-60.29	-40	70%	17.28
					-60.09	-51.06	-40	700%	8.05
					-63.11	-62.13	-40	25%	19.12
					-61.19	-60.66	-40	13%	17.65
					-56.38	-58.91	-40	44%	15.90
					-47.29	-53.59	-40	77%	10.58
Radiated Spurious emissions	LTE Band 30	10M-M	H	dbm	-55.21	-59.55	-40	63%	16.54
					-64.05	-57.09	-40	397%	14.08
					-63.46	-63.26	-40	5%	20.25
					-61.77	-62.34	-40	12%	19.33
					-58.6	-58.53	-40	2%	15.52
					-50.4	-57.92	-40	82%	14.91
					-55.45	-60.53	-40	69%	17.52
					-63.61	-59.01	-40	188%	16.00
			V		-47.99	-63.46	-40	97%	20.45
					-64.58	-61.67	-40	95%	18.66
					-61.28	-58.66	-40	83%	15.65



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					-59.18	-57.88	-40	35%	14.87	
					-55.36	-60.68	-40	71%	17.67	
Radiated Spurious emissions	LTE Band 30	5M-M	H	dbm	-63.57	-58.6	-40	214%	15.59	
					-63.46	-63.18	-40	7%	20.17	
					-61.14	-62.03	-40	19%	19.02	
					-58.77	-59.43	-40	14%	16.42	
					-49.45	-57.27	-40	83%	14.26	
					-55.38	-59.34	-40	60%	16.33	
			V		-62.42	-57.54	-40	208%	14.53	
					-64.08	-63.01	-40	28%	20.00	
					-62.23	-61.55	-40	17%	18.54	
					-57.75	-58.61	-40	18%	15.60	
					-45.97	-57.31	-40	93%	14.30	
					-55.95	-60.47	-40	65%	17.46	
Radiated Spurious emissions	LTE Band 30	5M-H	H	dbm	-59.71	-58.27	-40	39%	15.26	
					-46.61	-62.76	-40	98%	19.75	
					-63.49	-60.96	-40	79%	17.95	
					-61.56	-58.45	-40	105%	15.44	
					-58.74	-57.01	-40	49%	14.00	
					-54.92	-60.18	-40	70%	17.17	
			V		-47.02	-58.68	-40	93%	15.67	
					-64.04	-63.86	-40	4%	20.85	
					-64.24	-62.49	-40	50%	19.48	
					-61.56	-58.54	-40	100%	15.53	
					-57.92	-58.07	-40	3%	15.06	
					-54.38	-60.62	-40	76%	17.61	



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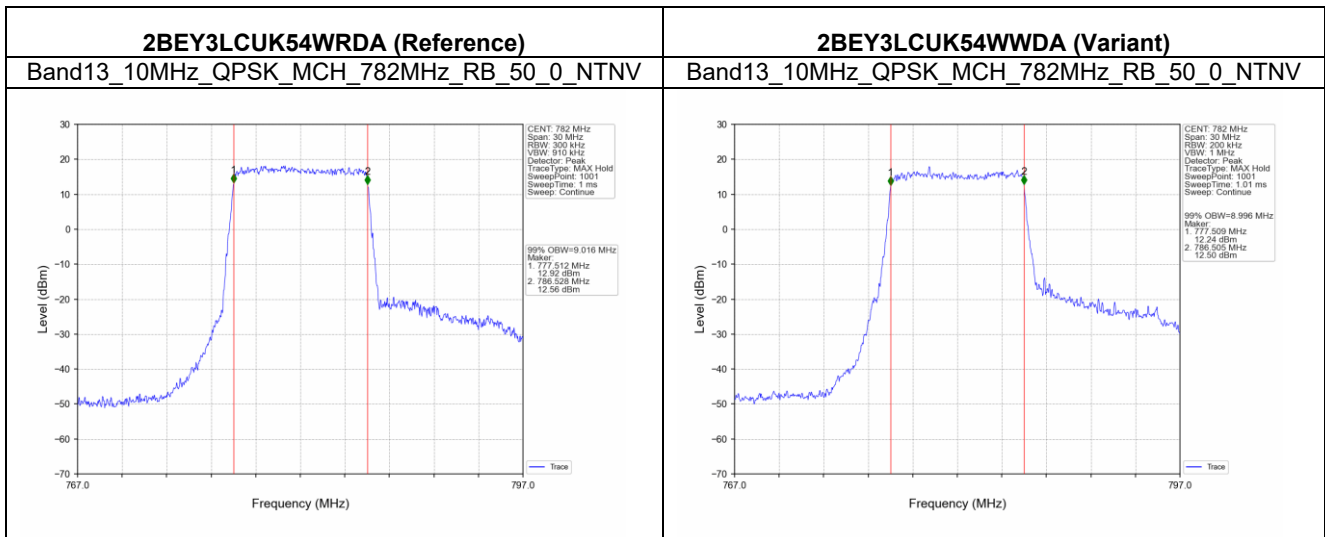
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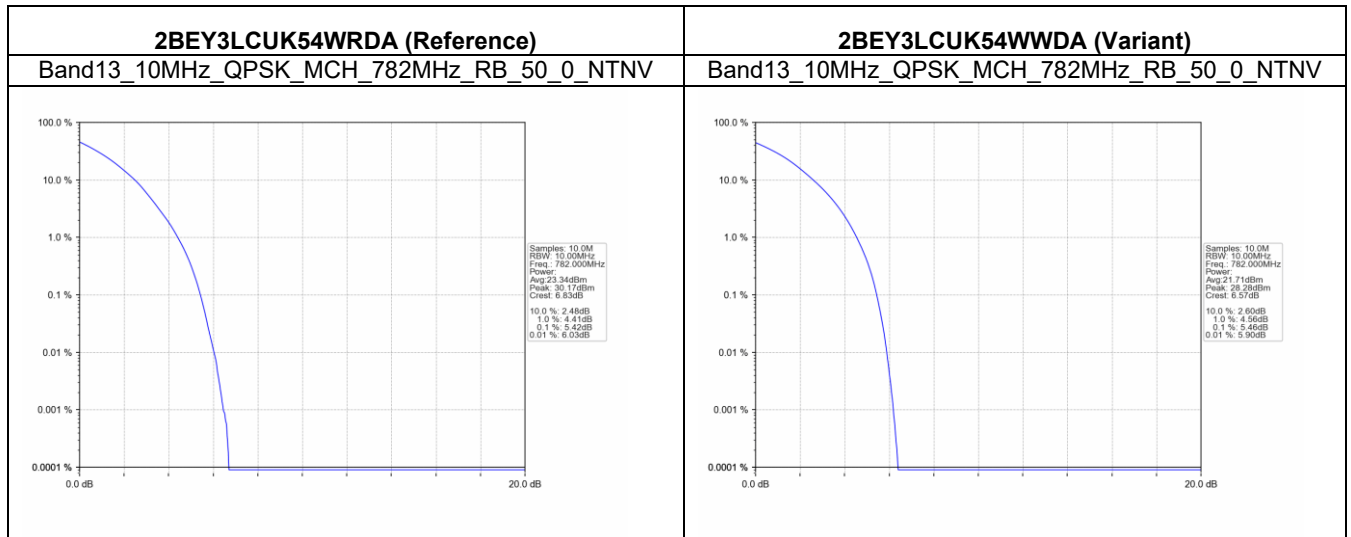
2.99% & 26dB Bandwidth

Test Item		Channel		Unit	2BEY3LCUK54WRDA (Reference)	2BEY3LCUK54WWDA (Variant)	Limit	Difference (%)<25%	Limit margin 50%
99% Bandwidth	Band13	QPSK	M-10MHz	dbm	9.016	8.996	/	0%	
26dB Bandwidth	Band13	QPSK	M-10MHz	dbm	9.985	10.078	/	2%	



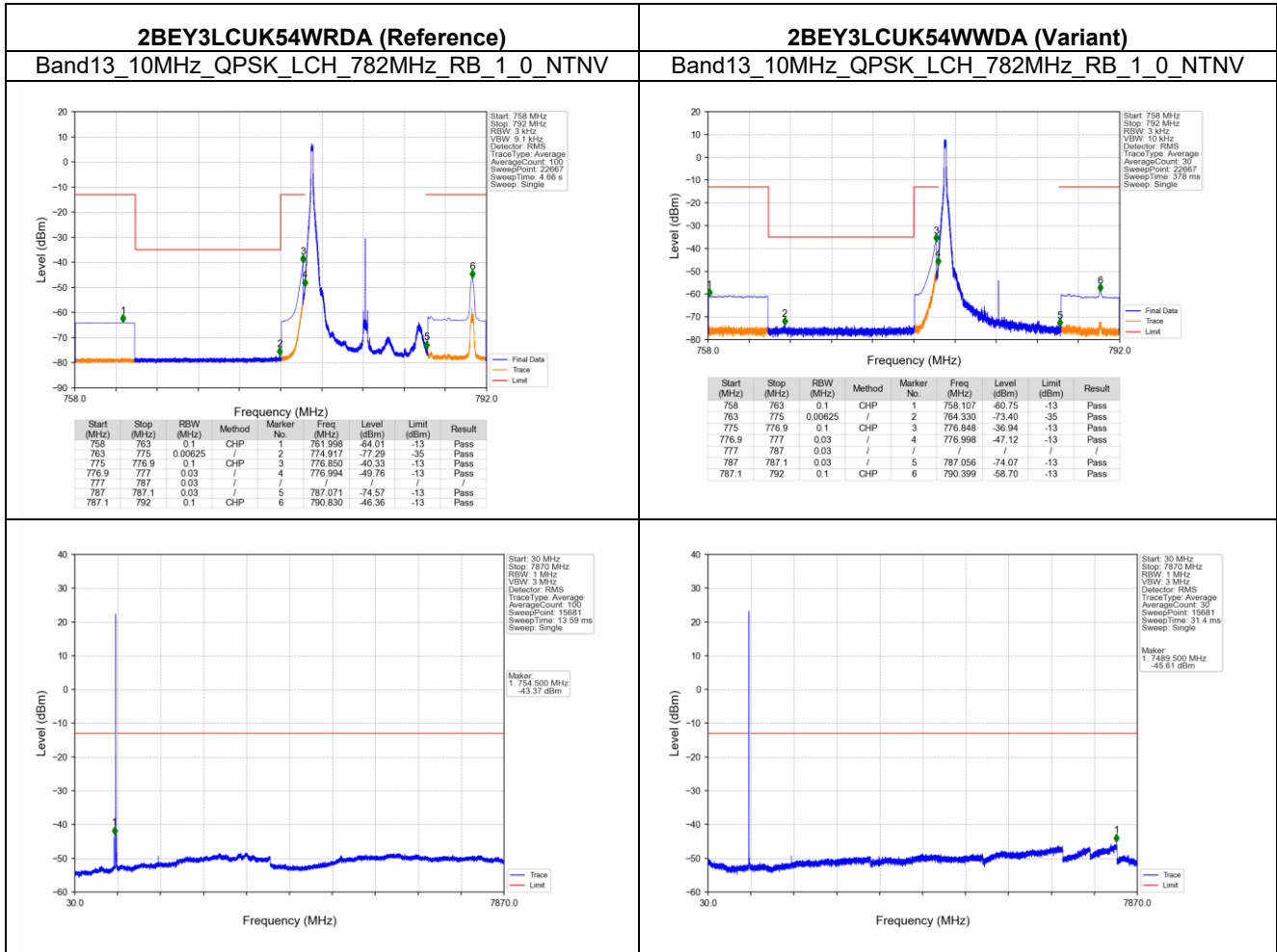
3. Peak-Average Ratio

Test Item		Channel		Unit	2BEY3LCUK54WRDA (Reference)	2BEY3LCUK54WWDA (Variant)	Limit	Difference (%)<25%	Limit margin 50%
Peak-Average Ratio	Band13	QPSK	M-10MHz	db	6.03	5.90	13	3%	



4. Spurious Emission & Band Edge

Test Item		Channel		Unit	2BEY3LCUK54WRDA (Reference)	2BEY3LCUK54WWDA (Variant)	Limit	Difference (%)<25%	Limit margin 50%
Band Edge	Band13	QPSK	M-10MHz	dbm	-46.36	-47.12	-13	16%	



---End of Attachment---

