



REPORT No.: SZ24120367S04

Annex C Test Results of Distortion and Noise

Sample Technique			2N Mounting Force				8N Mounting Force				Note			
Air Interface	Radio Configuration	Channel	Nominal Center Frequency (Hz)	AMR-NB 12.2Kbps		AMR-WB 23.55Kbps		AMR-NB 12.2Kbps		AMR-WB 23.55Kbps		Note		
				Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response			
GSM 850	GSM Voice	189	250	N/A			N/A				9F			
			315			30.77			34.62		9F			
			400	31.03			48.92			42.31	9F			
			500	27.22			36.58			38.46	9F			
			630	35.56			39.23			40.00	9F			
			800	29.44			43.11			44.03	9F			
			1000	27.78	PASS		43.85	PASS		45.62	9F			
			1250	32.22			40.11			46.15	9F			
			1600	35.03			40.71			42.31	9F			
			2000	26.87			40.23			36.15	9F			
			2500	32.78			49.23			49.56	9F			
			3150	31.12			33.02			37.69	9F			
GSM 1900	GSM Voice	661	4000			28.46			44.62	9F				
			5000	N/A		34.62			36.50	9F				
			250	N/A		32.31		N/A	43.08	9F				
			315			33.85			41.15	9F				
			400	31.11			29.23		42.31	40.77	9F			
			500	25.50			33.08			36.15	9F			
			630	23.50			26.15			39.22	9F			
			800	24.50			33.08			46.54	9F			
			1000	28.00	PASS		33.00	PASS		48.53	9F			
			1250	32.00			26.15			47.69	PASS			
			1600	24.50			29.23		37.69	41.54	9F			
			2000	24.00			26.50		46.15	47.38	9F			
WCDMA II	AMR 12.2Kbps	9400	2500	29.50			29.23		43.85	45.29	9F			
			3150	31.00			30.71		48.46	49.23	9F			
			4000	N/A			34.62			39.23	9F			
			5000				33.85			37.00	9F			
			250	N/A			30.05		N/A	42.31	9F			
			315				31.54			36.92	9F			
			400	32.40			29.23		43.08	44.11	9F			
			500	26.79			31.54		38.21	40.00	9F			
			630	24.29			31.23		40.72	41.54	9F			
			800	25.79			27.69		32.36	46.15	9F			
			1000	29.29	PASS		30.31	PASS		37.69	PASS			
			WCDMA IV	AMR 12.2Kbps	1413	1250	33.29			30.77			43.08	9F
1600	25.79						32.31		38.05	39.56	9F			
2000	25.29						30.62		29.36	38.46	9F			
2500	30.79						26.14		34.62	37.28	9F			
3150	32.29						30.62		38.11	40.11	9F			
4000	N/A						34.62			35.10	9F			
5000							29.23		N/A	34.03	9F			
250	N/A						30.58			37.69	9F			
315							26.11			35.58	9F			
400	31.45						33.02		37.69	36.26	9F			
500	25.94						33.12		44.23	40.44	9F			
WCDMA V	AMR 12.2Kbps	4182				630	23.34			29.26		38.10	39.03	9F
			800	24.84			27.87		36.54	38.54	9F			
			1000	28.34	PASS		30.84	PASS		38.61	PASS			
			1250	32.34			31.63		40.77	42.23	9F			
			1600	26.74			33.02		38.03	39.11	9F			
			2000	26.24			32.31		36.10	38.54	9F			
			2500	31.74			30.65		34.06	36.16	9F			
			3150	33.24			30.02		37.11	39.54	9F			
			4000	N/A			28.44		N/A	30.26	9F			
			5000				33.12			34.28	9F			
			LTE Band 12	QPSK / 10M / 1RB OutPut	23095	250	N/A			30.72		N/A	31.46	9F
						315				34.66			35.86	9F
400	31.58						30.32		38.92	41.54	9F			
500	28.78						27.69		35.23	36.92	9F			
630	37.14						28.46		38.11	40.03	9F			
800	31.02						34.62		39.23	41.38	9F			
1000	29.36	PASS					26.95	PASS		30.77	PASS			
1250	33.81						29.23		37.69	39.21	9F			
1600	35.58						33.18		39.20	42.33	9F			
2000	28.25						34.15		38.42	40.12	9F			
2500	34.26						26.16		44.30	45.03	9F			
LTE Band 25	QPSK / 20M / 1RB OutPut	26365				3150	31.58			33.08		39.23	39.03	9F
			4000	N/A			26.92		N/A	29.54	9F			
			5000				32.31			35.06	9F			
			250	N/A			29.13			30.37	9F			
			315				28.70			34.77	9F			
			400	32.61			29.97		35.99	40.45	9F			
			500	30.92			27.63		34.30	41.22	9F			
			630	33.80			29.11		37.16	38.94	9F			
			800	34.92			28.26		38.30	40.29	9F			
			1000	26.46	PASS		28.42	PASS		29.84	PASS			
			1250	33.38			29.23		35.76	38.12	9F			
			LTE Band 26	QPSK / 10M / 1RB OutPut	26865	1600	34.89			28.58		38.27	41.24	9F
2000	34.11						29.54		37.49	39.03	9F			
2500	39.99						31.03		43.37	43.94	9F			
3150	34.92						29.55		38.30	37.94	9F			
4000	N/A						33.08		N/A	29.45	9F			
5000							27.63			33.97	9F			
250	N/A						37.62		N/A	29.81	9F			
315							30.15			33.21	9F			
400	25.48						26.62		37.85	38.89	9F			
500	31.09						33.12		36.16	39.06	9F			
630	28.04						28.83		39.04	37.38	9F			
LTE Band 66	QPSK / 20M / 1RB OutPut	132322				800	28.76	PASS		30.03	PASS		45.16	9F
			1000	27.51			28.83		51.75	29.93	PASS			
			1250	36.18			32.11		38.62	36.56	9F			
			1600	24.62			25.45		40.13	39.08	9F			
			2000	24.23			23.94		39.35	37.47	9F			
			2500	26.52			27.71		45.23	42.38	9F			
			3150	27.11			29.08		40.16	36.38	9F			
			4000	N/A			30.63			26.89	9F			
			5000				28.68			32.41	9F			
			250	N/A			31.18		N/A	27.94	9F			
			315				32.00			32.34	9F			
			LTE Band 71	QPSK / 20M / 1RB OutPut	133322	400	34.19			24.59		37.57	38.02	9F
500	32.50						31.28		35.88	38.79	9F			
630	35.38						33.03		38.76	36.51	9F			
800	36.30	PASS					29.54	PASS		36.98	PASS			
1000	28.04						26.66		31.42	29.06	9F			
1250	34.96						30.83		38.34	35.69	9F			
1600	36.47						32.03		39.95	38.81	9F			
2000	35.69						27.52		39.07	36.60	9F			
2500	41.37						33.03		44.95	41.51	9F			
3150	36.06						29.58		39.98	39.51	9F			
4000	N/A						30.04			26.02	9F			
5000							29.45		N/A	31.54	9F			
WLAN 2.4GHz	802.11b	13	250	N/A			27.32		N/A	26.66	9F			
			315				28.58			31.06	9F			
			400	32.71			29.65		36.01	36.74	9F			
			500	31.02			26.88		34.32	37.51	9F			
			630	33.90			28.19		37.20	35.23	9F			
			800	35.02			26.94		38.32	36.58	9F			
			1000	26.06	PASS		28.73	PASS		29.86	PASS			
			1250	34.48			29.38		36.78	34.41	9F			
			1600	34.99			25.16		38.29	37.53	9F			
			2000	34.21			28.19		37.51	35.32	9F			
			2500	40.09			26.85		43.39	40.23	9F			
			3150	35.02			28.19		38.32	34.23	9F			
4000	N/A			29.35			24.74	9F						
5000				29.67		N/A	30.26	9F						
WLAN 2.4GHz	802.11b	13	250	N/A			31.80		N/A	32.54	9F			
			315				35.74			36.94	9F			
			400	29.59			31.40		36.92	42.62	9F			
			500	25.79			28.77		35.23	43.39	9F			
			630	35.15			29.54		38.11	41.11	9F			
			800	29.03			35.70		39.23	42.46	9F			
			1000	27.37	PASS		28.03	PASS		33.66	PASS			
			1250	31.82			30.31		37.69	40.29	9F			
			1600	34.09			34.26		39.20	43.41	9F			
			2000	26.26			35.23		38.42	41.20	9F			
			2500	32.37			27.23		44.30	46.11	9F			
			3150	29.59			34.16		39.23	40.11	9F			
4000	N/A			28.00		N/A	30.82	9F						
5000				33.39			36.14	9F						