



REPORT No.: SZ26010469S04

Annex C Test Results of Distortion and Noise



Sample Technique			2M Mounting Force				8N Mounting Force					
Air Interface	Radio Configuration	Channel	Nominal C250x250r Fz28qz25lency (Hz)	AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		
				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		PASS	N/A	N/A		PASS	N/A	N/A	
			315									
			400	21.22				24.38				
			500	21.42				24.63				
			600	22.59				25.79				
			800	23.59				26.72				
			1000	23.60				27.02				
			1250	23.60				26.82				
			1600	23.09				26.28				
			2000	22.36				25.68				
			2500	22.84				26.17				
			3150	21.34				24.62				
			4000									
			5000									
			GSM 1900	GSM Voice				661				250
315												
400	21.20	24.47										
500	21.60	24.82										
600	22.56	25.76										
800	23.41	26.74										
1000	23.88	27.00										
1250	23.98	26.94										
1600	23.10	26.23										
2000	22.32	25.69										
2500	22.69	25.97										
3150	21.74	24.75										
4000												
5000												
WCDMA IV	AMR 12.2Kbps	1413			250		PASS		PASS	PASS		PASS
			315									
			400	20.93	24.48	24.96						
			500	21.90	24.67	25.54						
			600	22.70	25.98	25.78						
			800	23.24	27.01	26.42						
			1000	23.57	26.86	27.18						
			1250	23.95	26.91	27.39						
			1600	22.72	26.31	26.34						
			2000	22.49	25.54	26.16						
			2500	22.67	26.26	25.98						
			3150	21.36	24.72	25.54						
			4000			24.99						
			5000			24.83						
			WCDMA V	AMR 12.2Kbps	4182	250					PASS	
315												
400	21.05	24.36				24.65						
500	21.74	24.92				24.74						
600	22.44	25.82				25.76						
800	23.27	26.48				25.91						
1000	23.49	26.79				26.43						
1250	23.63	26.89				27.08						
1600	22.77	26.88				27.52						
2000	22.62	26.43				26.46						
2500	22.79	25.49				26.33						
3150	21.51	26.25				25.75						
4000		24.63				25.71						
5000						25.28						
LTE Band 7	QPSK / 20M / 1RB Offset	21100				250		PASS	PASS	PASS		
			315									
			400	20.93	24.49	24.83						
			500	21.41	24.70	25.60						
			600	22.28	25.82	25.87						
			800	23.10	26.85	26.35						
			1000	23.42	26.92	27.03						
			1250	23.55	26.84	27.50						
			1600	22.64	26.47	26.43						
			2000	22.17	25.63	26.16						
			2500	22.56	26.04	25.76						
			3150	21.24	24.99	25.64						
			4000			25.22						
			5000			24.75						
			LTE Band 12	QPSK / 10M / 1RB Offset	23095	250					PASS	PASS
315												
400	20.93	24.49				24.86						
500	21.41	24.70				25.60						
600	22.28	25.82				25.87						
800	23.10	26.85				26.35						
1000	23.42	26.92				27.03						
1250	23.55	26.84				27.50						
1600	22.64	26.47				26.43						
2000	22.17	25.63				26.16						
2500	22.56	26.04				25.76						
3150	21.24	24.99				25.64						
4000						25.22						
5000						24.75						
LTE Band 13	QPSK / 10M / 1RB Offset	23230				250		PASS	PASS	PASS		
			315									
			400	20.93	24.49	24.86						
			500	21.41	24.70	25.60						
			600	22.28	25.82	25.87						
			800	23.10	26.85	26.35						
			1000	23.42	26.92	27.03						
			1250	23.55	26.84	27.50						
			1600	22.64	26.47	26.43						
			2000	22.17	25.63	26.16						
			2500	22.56	26.04	25.76						
			3150	21.24	24.99	25.64						
			4000			25.22						
			5000			24.75						
			LTE Band 14	QPSK / 10M / 1RB Offset	23330	250					PASS	PASS
315												
400	20.93	24.49				24.86						
500	21.41	24.70				25.60						
600	22.28	25.82				25.87						
800	23.10	26.85				26.35						
1000	23.42	26.92				27.03						
1250	23.55	26.84				27.50						
1600	22.64	26.47				26.43						
2000	22.17	25.63				26.16						
2500	22.56	26.04				25.76						
3150	21.24	24.99				25.64						
4000						25.22						
5000						24.75						



LTE Band 25	QPSK / 10M / 1RB Offset	26365	400	21.20	PASS	21.29	PASS	24.44	PASS	24.83	PASS
			500	21.64		22.12		24.73		25.42	
			630	22.75		22.68		25.75		25.96	
			800	23.29		23.25		26.85		26.40	
			1000	23.47		24.00		26.78		27.16	
			1250	23.76		23.79		26.98		27.44	
			1600	22.81		23.37		26.29		26.49	
			2000	22.33		23.21		25.71		26.28	
			2500	22.69		22.83		26.16		25.95	
			3150	21.26		22.22		24.57		25.63	
			4000			21.99				24.98	
			5000			21.65				24.78	
			250			20.84				23.63	
			315			20.77				23.87	
LTE Band 26	QPSK / 10M / 1RB Offset	26865	400	21.37	PASS	21.23	PASS	24.35	PASS	24.79	PASS
			500	21.54		22.21		24.68		25.62	
			630	22.55		22.25		25.92		25.81	
			800	23.12		23.39		26.86		26.27	
			1000	23.84		23.90		26.95		27.16	
			1250	23.57		23.80		26.82		27.32	
			1600	22.79		23.23		26.46		26.29	
			2000	22.35		23.22		25.63		26.10	
			2500	22.61		22.66		26.09		25.96	
			3150	21.52		22.12		24.53		25.50	
			4000			21.97				25.17	
			5000			21.43				24.84	
			250			21.86				24.95	
			315			21.32				24.50	
LTE Band 30	QPSK / 10M / 1RB Offset	27710	400	21.95	PASS	21.74	PASS	25.27	PASS	25.03	PASS
			500	22.20		22.79		25.45		26.11	
			630	23.29		23.44		26.46		26.56	
			800	23.87		24.11		27.14		27.37	
			1000	24.22		24.40		27.46		27.68	
			1250	24.71		24.86		27.97		28.31	
			1600	23.53		23.79		26.76		27.27	
			2000	22.75		24.10		26.08		27.27	
			2500	23.30		23.18		26.56		26.44	
			3150	22.07		22.89		25.38		26.41	
			4000			22.58				25.77	
			5000			22.26				25.47	
			250			21.46				25.17	
			315			21.01				24.46	
LTE Band 40	QPSK / 10M / 1RB Offset	39200	400	21.75	PASS	21.54	PASS	25.28	PASS	25.09	PASS
			500	21.84		22.48		25.55		25.95	
			630	22.87		23.01		26.37		26.68	
			800	23.44		23.77		27.06		27.30	
			1000	23.77		24.00		27.28		27.53	
			1250	24.29		24.57		27.75		28.18	
			1600	23.30		23.53		26.83		27.17	
			2000	22.54		23.65		26.29		27.15	
			2500	23.06		22.95		26.80		26.48	
			3150	21.88		22.74		25.34		26.40	
			4000			22.20				25.84	
			5000			21.97				25.70	
			250			20.52				24.11	
			315			20.22				23.90	
LTE Band 41	QPSK / 10M / 1RB Offset	40620	400	21.11	PASS	21.25	PASS	24.49	PASS	24.66	PASS
			500	21.62		21.86		24.63		25.58	
			630	22.30		22.73		25.83		25.84	
			800	23.14		23.39		26.94		26.33	
			1000	23.47		23.63		27.02		27.00	
			1250	23.78		23.73		27.49		27.49	
			1600	22.79		23.11		26.50		26.52	
			2000	22.66		23.33		25.61		26.13	
			2500	22.80		22.55		25.97		26.00	
			3150	21.41		22.29		24.79		26.46	
			4000			22.01				25.18	
			5000			21.70				25.01	
			250			20.87				24.04	
			315			20.79				23.83	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	400	21.26	PASS	21.35	PASS	24.38	PASS	24.83	PASS
			500	21.52		21.88		24.76		25.58	
			630	22.43		22.42		25.84		25.95	
			800	23.23		23.13		26.85		26.35	
			1000	23.77		24.04		26.89		27.13	
			1250	24.01		23.93		26.93		27.40	
			1600	22.85		23.34		26.22		26.26	
			2000	22.43		23.13		25.76		26.26	
			2500	23.01		22.61		26.19		26.00	
			3150	21.53		22.46		24.72		25.64	
			4000			22.01				25.25	
			5000			21.55				25.02	
			250			20.98				23.86	
			315			20.29				23.88	
LTE Band 71	QPSK / 20M / 1RB Offset	133322	400	21.18	PASS	21.50	PASS	24.44	PASS	24.63	PASS
			500	21.43		21.87		24.66		25.44	
			630	22.76		22.63		25.82		25.94	
			800	23.36		23.22		26.99		26.45	
			1000	23.76		23.65		27.01		27.08	
			1250	23.62		23.97		26.78		27.37	
			1600	23.05		23.05		26.46		26.25	
			2000	22.38		23.14		25.54		26.08	
			2500	22.96		22.71		26.09		25.94	
			3150	21.69		22.51		24.62		25.65	
			4000			21.79				25.09	
			5000			21.42				24.81	
			250			21.06				24.13	
			315			20.89				24.00	
WLAN 2.4GHz	802.11b	7	400	21.40	PASS	21.62	PASS	24.56	PASS	24.59	PASS
			500	21.76		22.34		24.73		25.41	
			630	22.87		22.85		25.72		26.05	
			800	23.98		23.34		26.71		26.36	
			1000	23.73		24.20		26.83		27.12	
			1250	23.81		24.26		26.91		27.48	
			1600	23.45		23.36		26.45		26.33	
			2000	22.76		23.06		25.77		26.23	
			2500	23.17		22.83		26.16		25.82	
			3150	21.58		22.71		24.71		25.65	
			4000			22.16				25.24	
			5000			21.81				25.03	
WLAN 5.2GHz	802.11a	44	250		PASS	21.04	PASS		PASS	24.13	PASS
			315			20.77				23.85	
			400	21.39		21.61		24.47		24.86	
			500	21.55		22.43		24.84		25.38	
			630	22.97		22.85		25.93		25.96	
			800	23.93		23.46		26.73		26.37	
			1000	23.94		24.14		26.81		27.12	
			1250	23.74		24.40		26.96		27.29	
			1500	23.50		23.82		26.25		26.42	



			2000	22.64		23.34		25.68		26.33
			2500	23.23		22.82		26.23		25.91
			3150	21.58		22.68		24.67		25.51
			4000			22.67				25.16
			5000			21.96				24.80
WLAN 5.3GHz	802.11a	60	250		PASS	21.09	PASS		PASS	23.97
			315			20.78				23.91
			400	21.39		21.62		24.46		24.74
			500	21.73		22.34		24.55		25.35
			630	22.87		22.99		25.74		25.91
			800	23.88		23.20		26.62		26.37
			1000	23.98		24.26		26.92		27.00
			1250	23.76		24.52		26.91		27.34
			1600	23.25		23.44		26.24		26.27
			2000	22.74		23.08		25.68		26.08
			2500	23.19		22.89		26.18		25.76
			3150	21.47		22.58		24.64		25.67
			4000			22.15				25.24
			5000			21.77				24.76
WLAN 5.5GHz	802.11a	116	250		PASS	20.88	PASS		PASS	24.12
			315			20.93				23.91
			400	21.55		21.87		24.40		24.84
			500	21.64		22.53		24.79		25.41
			630	22.77		22.81		25.85		25.92
			800	23.85		23.24		26.78		26.21
			1000	23.98		24.07		26.81		26.98
			1250	23.90		24.54		26.74		27.55
			1600	23.47		23.40		26.24		26.25
			2000	22.49		23.09		25.96		26.13
			2500	23.18		22.77		26.13		25.91
			3150	21.62		22.54		24.89		25.65
			4000			22.15				25.22
			5000			21.97				24.94
WLAN 5.8GHz	802.11a	157	250		PASS	21.12	PASS		PASS	24.09
			315			20.96				23.85
			400	21.50		21.62		24.55		24.70
			500	21.56		22.45		24.76		25.47
			630	22.84		22.79		26.00		25.91
			800	23.87		23.44		26.78		26.23
			1000	23.97		24.08		26.86		27.09
			1250	23.82		24.49		26.92		27.48
			1600	23.28		23.44		26.26		26.33
			2000	22.51		23.26		25.73		26.34
			2500	23.13		22.74		26.18		25.91
			3150	21.99		22.62		24.48		25.64
			4000			22.14				25.00
			5000			21.97				24.90