



REPORT No.: SZ26040105S04

Annex C Test Results of Distortion and Noise

Sample Technique			2M Mounting Force						8N Mounting Force					
Air Interface	Radio Configuration	Channel	Nominal CQI/RSRP/RSRQ/RS-SINR (dB)	AMR-NB 12.2Kbps		AMR-NB 23.85Kbps		AMR-NB 12.2Kbps		AMR-NB 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											
			315											
			400	21.07				24.38						
			500	21.10				24.08						
			630	22.38				26.19						
			800	23.40				26.76						
			1000	23.45				27.10						
			1250	23.41				26.97						
			1600	22.98				26.57						
			2000	22.18				26.32						
			2500	22.74				26.63						
GSM 1900	GSM Voice	661	3150	21.20				25.06						
			4000											
			5000											
			250											
			315											
			400	20.92				24.39						
			500	21.10				25.08						
			630	22.23				26.39						
			800	23.18				26.97						
			1000	23.29				26.76						
			WCDMA IV	AMR 12.2Kbps	1413	1250	23.18				26.78			
1600	22.80							26.81						
2000	21.95							25.50						
2500	22.54							26.23						
3150	21.02							25.98						
4000														
5000														
250														
315														
400	20.94							24.61						
500	21.18							24.74						
WCDMA V	AMR 12.2Kbps	4182				630	22.13				25.84			
			800	23.28				27.12						
			1000	23.23				27.44						
			1250	23.24				27.42						
			1600	22.77				26.60						
			2000	22.00				26.09						
			2500	22.52				26.68						
			3150	21.07				24.71						
			4000											
			5000											
			250											
			315											
LTE Band 7	QPSK / 20M / 1RB Offset	21100	400	20.87				24.71						
			500	21.17				24.89						
			630	22.17				25.93						
			800	23.25				26.96						
			1000	23.29				27.21						
			1250	23.28				27.26						
			1600	22.78				26.86						
			2000	22.03				25.85						
			2500	22.55				26.48						
			3150	21.06				24.63						
			4000											
			5000											
LTE Band 12	QPSK / 10M / 1RB Offset	23085	250											
			315											
			400	20.88				24.25						
			500	21.10				24.79						
			630	22.18				26.20						
			800	23.23				27.41						
			1000	23.28				27.13						
			1250	23.28				27.25						
			1600	22.79				26.85						
			2000	22.05				25.84						
			2500	22.64				26.69						
			3150	21.08				24.50						
LTE Band 13	QPSK / 10M / 1RB Offset	23230	4000											
			5000											
			250											
			315											
			400	20.85				24.84						
			500	21.16				25.24						
			630	22.17				26.92						
			800	23.30				27.19						
			1000	23.31				27.41						
			1250	23.16				26.99						
			1600	22.84				26.81						
			2000	22.06				26.12						
LTE Band 14	QPSK / 10M / 1RB Offset	23330	2500	22.57				26.28						
			3150	21.05				24.54						
			4000											
			5000											
			250											
			315											
			400	20.71				24.80						
			500	21.20				25.12						
			630	22.15				26.12						
			800	23.19				27.36						
			1000	23.28				27.26						
			1250	23.27				26.88						
LTE Band 25	QPSK / 20M / 1RB Offset	26365	1600	22.82				26.53						
			2000	22.07				24.24						
			2500	22.66				26.59						
			3150	21.00				24.92						
			4000											
			5000											
			250											
			315											
			400	21.11				24.92						
			500	21.29				25.27						
			630	22.41				26.16						
			800	23.44				27.14						
LTE Band 26	QPSK / 10M / 1RB Offset	26865	1000	23.43				24.73						
			1250	23.41				24.48						
			1600	22.99				23.92						
			2000	22.11				24.20						
			2500	22.69				25.12						
			3150	21.23				26.57						
			4000											
			5000											
			250											
			315											
			400	20.97				24.57						
			500	21.20				25.29						
LTE Band 28	QPSK / 15M / 1RB Offset	28865	630	22.34				26.07						
			800	23.44				27.91						
			1000	23.36				26.84						
			1250	23.47				27.33						
			1600	22.91				26.33						
			2000	22.20				25.43						
			2500	22.70				26.43						
			3150	21.22				24.94						
			4000											
			5000											
			250											
			315											

LTE Band 30	QPSK / 10M / 1RB offset	27710	300	21.24		23.05		24.71		25.86	
			630	22.47		22.52		26.14		25.77	
			800	23.39		24.35		26.93		27.53	
			1000	23.41		24.33		27.25		27.94	
			1250	23.45	PASS	24.39	PASS	26.79	PASS	27.08	PASS
			1600	22.94		23.65		26.29		27.10	
			2000	22.23		24.08		25.56		26.99	
			2500	22.61		23.19		26.17		26.99	
			3150	21.11		22.42		24.77		26.09	
			4000			22.66				25.75	
LTE Band 40	QPSK / 10M / 1RB offset	39200	6000			22.33				25.38	
			250			21.86				24.64	
			315			22.20				24.93	
			400			22.13		24.30		25.05	
			500	21.18		22.63		24.93		25.55	
			630	22.45		22.95		26.06		25.54	
			800	23.38		23.97		26.70		27.22	
			1000	23.38	PASS	24.58	PASS	26.71	PASS	27.86	PASS
			1250	23.46		24.24		26.87		27.67	
			1600	22.85		24.17		26.98		28.05	
LTE Band 41	QPSK / 10M / 1RB offset	40620	2000	22.22		23.75		25.61		26.76	
			2500	22.63		22.95		26.17		26.97	
			3150	21.18		22.39		25.13		26.12	
			4000			22.20				25.34	
			5000			22.28				25.19	
			250			21.53				24.08	
			315			21.60				25.18	
			400	21.10		21.64		24.84		24.48	
			500	21.22		22.99		24.86		25.44	
			630	22.35		22.68		26.26		26.05	
LTE Band 66	QPSK / 10M / 1RB offset	40620	800	23.49		24.29		27.27		27.69	
			1000	23.49	PASS	24.60	PASS	27.46	PASS	27.97	PASS
			1250	23.50		24.23		26.76		27.73	
			1600	22.96		23.57		26.89		27.25	
			2000	22.65		23.79		25.94		26.75	
			2500	22.65		23.41		26.14		25.91	
			3150	21.11		22.97		24.80		25.47	
			4000			22.75				25.48	
			5000			21.84				25.60	
			250			21.22				24.62	
LTE Band 66	QPSK / 10M / 1RB offset	132322	315			21.90				24.84	
			400	21.09		21.57		24.53		25.06	
			500			22.60		24.60		25.68	
			630	22.41		23.08		26.01		26.20	
			800	23.38		24.20		26.71		27.36	
			1000	23.38	PASS	24.68	PASS	27.18	PASS	27.62	PASS
			1250	23.36		24.81		26.99		27.52	
			1600	22.85		25.77		26.81		27.01	
			2000	22.15		25.92		25.57		27.12	
			2500	22.73		25.15		26.12		26.49	
LTE Band 71	QPSK / 10M / 1RB offset	133322	3150	21.17		22.83		25.20		25.80	
			4000			22.42				25.55	
			5000			22.25				25.33	
			250			21.44				24.63	
			315			21.81		24.87		24.89	
			400	20.99		21.91		24.87		25.23	
			500	21.20		22.93		24.80		25.82	
			630	22.46		22.86		26.18		25.67	
			800	23.49		23.76		26.38		26.69	
			1000	23.39	PASS	24.30	PASS	26.91	PASS	27.63	PASS
LTE Band 71	QPSK / 10M / 1RB offset	133322	1250	23.40		24.05		27.03		27.11	
			1600	22.98		23.51		26.24		26.50	
			2000	22.16		23.90		25.70		27.25	
			2500	22.64		23.45		26.71		26.19	
			3150	21.21		22.36		24.56		25.54	
			4000			22.70				25.39	
			5000			22.38				25.10	
			250			21.31				24.16	
			315			22.35				24.64	
			400	20.99		21.60		24.42		24.95	
WLAN 2.4GHz	802.11g	7	500	21.20		22.91		25.01		25.85	
			630	22.46		22.86		26.18		25.67	
			800	23.49		23.76		26.38		26.69	
			1000	23.39	PASS	24.30	PASS	26.91	PASS	27.63	PASS
			1250	23.40		24.05		27.03		27.11	
			1600	22.98		23.51		26.24		26.50	
			2000	22.16		23.90		25.70		27.25	
			2500	22.64		23.45		26.71		26.19	
			3150	21.21		22.36		24.56		25.54	
			4000			22.70				25.39	
WLAN 2.4GHz	802.11g	7	5000			22.38				25.10	
			250			21.31				24.16	
			315			22.35				24.64	
			400	20.99		21.60		24.42		24.95	
			500	21.20		22.91		25.01		25.85	
			630	22.38		22.50		26.18		26.21	
			800	23.39		23.84		26.86		27.07	
			1000	23.42	PASS	24.30	PASS	26.80	PASS	27.39	PASS
			1250	23.48		24.66		26.68		27.64	
			1600	22.98		24.20		27.00		27.94	
WLAN 5.2GHz	802.11a	44	2000	22.12		23.66		25.94		26.96	
			2500	22.66		23.52		26.27		25.86	
			3150	21.14		22.68		25.22		25.75	
			4000			22.75				25.71	
			5000			22.16				25.44	
			250			21.25				24.10	
			315			22.04				25.07	
			400	20.97		21.68		24.40		24.83	
			500	21.23		22.69		25.09		25.51	
			630	22.45		23.23		25.71		25.82	
WLAN 5.2GHz	802.11a	44	800	23.36		23.90		26.78		27.30	
			1000	23.48	PASS	24.46	PASS	27.30	PASS	27.80	PASS
			1250	23.46		24.56		26.76		27.54	
			1600	22.92		23.48		26.83		26.66	
			2000	22.18		23.86		25.66		26.80	
			2500	22.65		23.20		26.77		26.18	
			3150	21.13		22.83		24.77		26.14	
			4000			22.76				25.59	
			5000			22.24				24.93	
			250			21.84				24.52	
WLAN 5.3GHz	802.11a	60	315			21.96				24.64	
			400	21.04		21.48		25.03		24.75	
			500	21.27		22.47		25.02		25.89	
			630	22.37		23.01		25.88		26.20	
			800	23.42		24.35		26.69		26.87	
			1000	23.42	PASS	24.35	PASS	26.83	PASS	27.72	PASS
			1250	23.41		24.61		26.83		27.23	
			1600	22.87		24.00		26.86		26.68	
			2000	22.24		24.04		25.44		27.16	
			2500	22.73		22.30		26.36		26.85	
WLAN 5.3GHz	802.11a	60	3150	21.20		22.61		24.75		25.73	
			4000			22.96				25.64	
			5000			22.10				24.97	
			250			21.45				24.86	
			315			22.33				24.87	
			400	21.07		22.02		24.74		25.09	
			500	21.20		23.00		24.69		26.13	
			630	22.37		22.88		26.29		25.95	
			800	23.41	PASS	23.68	PASS	27.21	PASS	27.40	PASS
			1000	23.45		24.46		26.84		27.69	
WLAN 5.8GHz	802.11a	116	1250	23.46		24.38		26.79		27.15	
			1600	22.97		24.18		26.74		26.53	
			2000	22.19		23.64		25.82		26.62	
			2500	22.62		22.89		26.39		26.03	
			3150	21.14		22.48		24.89		25.70	
			4000			22.57				25.99	
			5000			22.31				25.28	
			250			21.27				24.76	
			315			21.69				24.77	
			400	21.04		22.10		24.85		25.21	
WLAN 5.8GHz	802.11a	157	500	21.27		22.66		24.67		25.44	
			630	22.45		23.02		26.34		26.10	
			800	23.48		23.87		26.83		26.95	
			1000	23.41	PASS	24.31	PASS	27.21	PASS	27.46	PASS
			1250	23.39		24.81		26.83		27.26	
			1600	22.86		23.52		26.70		26.99	
			2000	22.16		23.93		25.86		26.68	
			2500	22.59		23.59		26.53		26.04	
			3150	21.18		22.91		24.96		25.57	
			4000			22.48				25.55	