

Appendix E

Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant11)
1.1 Conducted Power of LTE
2 Conducted Power of Main Antenna (Ant13)
2.1 Conducted Power of GSM
2.2 Conducted Power of WCDMA
2.3 Conducted Power of LTE
3 Conducted Power of Main Antenna (Ant31)
3.1 Conducted Power of GSM
3.2 Conducted Power of WCDMA
3.3 Conducted Power of LTE
4 Conducted Power of ENDC_LTE NSA
4.1 Conducted Power of LTE (Ant11)
4.2 Conducted Power of LTE (Ant13)
4.3 Conducted Power of LTE (Ant31)
5 Conducted Power of Uplink CA
5.1 Conducted Power of LTE Downlink CA (Ant11)
5.2 Conducted Power of LTE Downlink CA (Ant13)
5.3 Conducted Power of LTE Downlink CA (Ant31)
6 Conducted Power of Downlink CA
6.1 Conducted Power of LTE Downlink CA (Ant11)
6.2 Conducted Power of LTE Downlink CA (Ant13)



6.3 Conducted Power of LTE Downlink CA (Ant31)
7 Conducted Power of NR SA Antenna
7.1 Conducted Power of NR SA Antenna (Ant11)
7.2 Conducted Power of NR SA Antenna (Ant12)
7.3 Conducted Power of NR SA Antenna (Ant21)
7.4 Conducted Power of NR SA Antenna (Ant23)
7.5 Conducted Power of NR SA Antenna (Ant31)
8 Conducted Power of NR NSA Antenna
8.1 Conducted Power of NR SA Antenna (Ant11)
8.2 Conducted Power of NR SA Antenna (Ant12)
8.3 Conducted Power of NR SA Antenna (Ant21)
8.4 Conducted Power of NR SA Antenna (Ant23)
8.5 Conducted Power of NR SA Antenna (Ant31)
9 Conducted Power of WiFi and Bluetooth
9.1 Conducted Power of 2.4GWiFi
9.2 Conducted Power of 5GWiFi
9.3 Conducted Power of Bluetooth



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 3 of 960

Note:

DSI	Trigger Conditions	Test scenario description	Antenna No.
DSI1	sensor invalid	sensor invalid	All WWAN ant
DSI2	Receiver on	Head Standalone	All WWAN ant
DSI3	Receiver on+WLAN	Head Simultaneous	All WWAN ant
DSI4	Receiver off Sensor off	Sensor Trigger Distance - 1mm	Antennas 11 #/13 covered by SENSOR A or B
	Receiver off Sensor off	Body/Limb Standalone	The non triggering surface of antenna 11 #/13 # covered by SENSOR A or B
	Receiver off Sensor off	Body/Limb Standalone	Antennas 12 #/21 #/22 #/23 #/31 that are not covered by SENSOR A or B
DSI5	Receiver off Sensor A+B on	Body/Limb Standalone	Antenna 13 covered by SENSOR A
	Receiver off Sensor A+B on	Body/Limb Standalone	Antenna 11 covered by SENSOR B
DSI8	Receiver off Sensor A+B on +WLAN	Body/Limb Simultaneous	Antenna 13 covered by SENSOR A
	Receiver off Sensor A+B on +WLAN	Body/Limb Simultaneous	Antenna 11 covered by SENSOR B
DSI9	Receiver off Sensor A on+B off +WLAN	Body/Limb Simultaneous	The non triggering surface of antenna 11 # covered by SENSOR B
DSI10	Receiver off Sensor A off +WLAN	Body/Limb Simultaneous	The non triggering surface of antenna 13 # covered by SENSOR A
	Receiver off Sensor A off +WLAN	Body/Limb Simultaneous	Antennas 12 #/21 #/22 #/23 #/31 that are not covered by SENSOR A or B
	Hotspot	hotspot SAR Test	All WWAN ant



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 4 of 960

Level	Trigger Conditions	Test scenario description	Antenna No.
Level 1	Receiver on	Head Standalone	All WLAN Ant
Level 2	Receiver on+WWAN	Head Simultaneous	All WLAN Ant
Level 3	Receiver off	Body/Limbs Standalone	All WLAN Ant
Level 4	Receiver off+WWAN	Body/Limbs Simultaneous&Hotspot	All WLAN Ant



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Measurement of RF conducted Power

1 Conducted Power of Main Antenna (Ant11)

1.1 Conducted Power of LTE

LTE Band 2 DSI2/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.60	22.81	22.45	23.70
		1	2	22.60	22.82	22.45	23.70
		1	5	22.60	22.72	22.42	23.70
		3	0	22.59	22.68	22.48	23.70
		3	2	22.53	22.72	22.40	23.70
		3	3	22.59	22.73	22.42	23.70
	16QAM	6	0	22.61	22.76	22.40	23.20
		1	0	22.58	22.69	22.41	23.20
		1	2	22.56	22.69	22.42	23.20
		1	5	22.56	22.69	22.44	23.20
		3	0	22.55	22.69	22.41	23.20
		3	2	22.60	22.76	22.43	23.20
	64QAM	3	3	22.60	22.71	22.41	23.20
		6	0	21.32	21.50	21.16	22.20
		1	0	21.41	21.58	21.28	22.20
		1	2	21.35	21.62	21.24	22.20
		1	5	21.43	21.50	21.24	22.20
		3	0	21.44	21.54	21.24	22.20
3MHz	QPSK	3	2	21.41	21.51	21.19	22.20
		3	3	21.43	21.50	21.21	22.20
		6	0	20.26	20.56	20.17	21.20
	16QAM	1	0	22.69	22.86	22.51	23.70
		1	7	22.61	22.85	22.48	23.70
		1	14	22.59	22.77	22.47	23.70
	QPSK	8	0	22.29	22.50	22.10	23.20
		8	4	22.20	22.36	22.08	23.20
		8	7	22.25	22.44	22.06	23.20
		15	0	22.19	22.47	22.08	23.20
	16QAM	1	0	22.15	22.39	21.97	23.20
		1	7	22.18	22.44	22.03	23.20
		1	14	22.22	22.41	22.08	23.20
		8	0	21.43	21.70	21.32	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 6 of 960

		8	4	21.42	21.63	21.26	22.20
		8	7	21.28	21.55	21.17	22.20
		15	0	21.36	21.60	21.26	22.20
	64QAM	1	0	21.46	21.62	21.24	22.20
		1	7	21.48	21.67	21.28	22.20
		1	14	21.45	21.66	21.27	22.20
		8	0	20.36	20.55	20.24	21.20
		8	4	20.41	20.63	20.26	21.20
		8	7	20.37	20.58	20.23	21.20
		15	0	20.35	20.54	20.24	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.73	22.91	22.52	23.70
		1	13	22.67	22.84	22.53	23.70
		1	24	22.62	22.79	22.41	23.70
		12	0	22.27	22.51	22.16	23.20
		12	6	22.16	22.38	22.04	23.20
		12	13	22.26	22.44	22.10	23.20
		25	0	22.27	22.43	22.06	23.20
	16QAM	1	0	22.13	22.40	21.98	23.20
		1	13	22.19	22.44	22.04	23.20
		1	24	22.19	22.42	22.02	23.20
		12	0	21.43	21.66	21.34	22.20
		12	6	21.43	21.65	21.25	22.20
		12	13	21.30	21.53	21.20	22.20
		25	0	21.36	21.58	21.26	22.20
	64QAM	1	0	21.40	21.61	21.30	22.20
		1	13	21.46	21.66	21.25	22.20
		1	24	21.42	21.64	21.28	22.20
		12	0	20.39	20.57	20.20	21.20
		12	6	20.45	20.60	20.26	21.20
		12	13	20.44	20.59	20.21	21.20
		25	0	20.34	20.55	20.24	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.70	22.93	22.58	23.70
		1	25	22.63	22.86	22.51	23.70
		1	49	22.63	22.79	22.46	23.70
		25	0	22.31	22.51	22.16	23.20
		25	13	22.21	22.40	22.09	23.20
		25	25	22.23	22.47	22.06	23.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 7 of 960

		50	0	22.23	22.46	22.04	23.20
	16QAM	1	0	22.18	22.32	22.05	23.20
		1	25	22.23	22.46	22.08	23.20
		1	49	22.19	22.43	22.07	23.20
		25	0	21.51	21.71	21.32	22.20
		25	13	21.45	21.64	21.30	22.20
		25	25	21.34	21.53	21.13	22.20
		50	0	21.35	21.57	21.25	22.20
	64QAM	1	0	21.44	21.59	21.25	22.20
		1	25	21.46	21.61	21.29	22.20
		1	49	21.41	21.58	21.23	22.20
		25	0	20.37	20.56	20.18	21.20
		25	13	20.37	20.63	20.23	21.20
		25	25	20.38	20.64	20.23	21.20
		50	0	20.37	20.60	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.68	22.90	22.50	23.70
		1	38	22.60	22.81	22.53	23.70
		1	74	22.56	22.84	22.46	23.70
		36	0	22.33	22.45	22.17	23.20
		36	18	22.23	22.36	22.03	23.20
		36	39	22.21	22.47	22.11	23.20
		75	0	22.21	22.42	22.05	23.20
	16QAM	1	0	22.15	22.39	22.03	23.20
		1	38	22.25	22.42	22.08	23.20
		1	74	22.20	22.40	22.07	23.20
		36	0	21.46	21.68	21.36	22.20
		36	18	21.42	21.64	21.23	22.20
		36	39	21.29	21.53	21.21	22.20
		75	0	21.42	21.62	21.24	22.20
	64QAM	1	0	21.43	21.63	21.26	22.20
		1	38	21.41	21.61	21.33	22.20
		1	74	21.45	21.66	21.27	22.20
		36	0	20.32	20.59	20.23	21.20
		36	18	20.41	20.62	20.24	21.20
		36	39	20.40	20.63	20.27	21.20
		75	0	20.39	20.55	20.21	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.72	22.86	22.56	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 8 of 960

		1	50	22.66	22.84	22.51	23.70
		1	99	22.57	22.76	22.46	23.70
		50	0	22.31	22.45	22.16	23.20
		50	25	22.22	22.40	22.04	23.20
		50	50	22.23	22.43	22.10	23.20
		100	0	22.27	22.39	22.05	23.20
	16QAM	1	0	22.13	22.35	22.03	23.20
		1	50	22.24	22.38	22.03	23.20
		1	99	22.20	22.45	22.04	23.20
		50	0	21.48	21.71	21.32	22.20
		50	25	21.40	21.61	21.26	22.20
		50	50	21.36	21.53	21.21	22.20
		100	0	21.41	21.61	21.25	22.20
	64QAM	1	0	21.47	21.65	21.30	22.20
		1	50	21.42	21.68	21.25	22.20
		1	99	21.40	21.63	21.30	22.20
		50	0	20.35	20.53	20.17	21.20
		50	25	20.41	20.63	20.26	21.20
		50	50	20.37	20.61	20.22	21.20
		100	0	20.37	20.54	20.25	21.20

LTE Band 2 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.36	21.65	21.29	22.20
		1	2	21.44	21.55	21.27	22.20
		1	5	21.41	21.67	21.33	22.20
		3	0	21.35	21.69	21.30	22.20
		3	2	21.42	21.70	21.33	22.20
		3	3	21.37	21.68	21.33	22.20
		6	0	21.35	21.62	21.28	22.20
	16QAM	1	0	21.36	21.64	21.33	22.20
		1	2	21.36	21.68	21.25	22.20
		1	5	21.39	21.68	21.33	22.20
		3	0	21.35	21.66	21.26	22.20
		3	2	21.37	21.64	21.32	22.20
		3	3	21.36	21.66	21.26	22.20
		6	0	21.37	21.64	21.29	22.20
	64QAM	1	0	21.41	21.69	21.29	22.20
		1	2	21.39	21.69	21.26	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 9 of 960

		1	5	21.41	21.66	21.28	22.20
		3	0	21.39	21.66	21.28	22.20
		3	2	21.41	21.69	21.25	22.20
		3	3	21.37	21.69	21.32	22.20
		6	0	20.34	20.56	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.49	21.64	21.34	22.20
		1	7	21.51	21.65	21.30	22.20
		1	14	21.48	21.63	21.36	22.20
		8	0	21.51	21.63	21.31	22.20
		8	4	21.46	21.64	21.35	22.20
		8	7	21.50	21.69	21.29	22.20
		15	0	21.46	21.64	21.34	22.20
	16QAM	1	0	21.43	21.68	21.28	22.20
		1	7	21.47	21.68	21.34	22.20
		1	14	21.45	21.65	21.28	22.20
		8	0	21.48	21.70	21.34	22.20
		8	4	21.47	21.68	21.28	22.20
		8	7	21.46	21.69	21.35	22.20
		15	0	21.44	21.66	21.32	22.20
	64QAM	1	0	21.50	21.64	21.29	22.20
		1	7	21.50	21.67	21.36	22.20
		1	14	21.51	21.63	21.31	22.20
		8	0	20.35	20.54	20.18	21.20
		8	4	20.44	20.60	20.29	21.20
		8	7	20.39	20.57	20.29	21.20
		15	0	20.39	20.59	20.23	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.49	21.68	21.30	22.20
		1	13	21.46	21.67	21.33	22.20
		1	24	21.43	21.70	21.33	22.20
		12	0	21.45	21.70	21.32	22.20
		12	6	21.47	21.63	21.36	22.20
		12	13	21.49	21.66	21.33	22.20
		25	0	21.49	21.65	21.31	22.20
	16QAM	1	0	21.44	21.67	21.34	22.20
		1	13	21.46	21.66	21.30	22.20
		1	24	21.48	21.68	21.34	22.20
		12	0	21.48	21.68	21.35	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 10 of 960

		12	6	21.44	21.69	21.29	22.20
		12	13	21.46	21.64	21.28	22.20
		25	0	21.49	21.69	21.33	22.20
	64QAM	1	0	21.43	21.71	21.33	22.20
		1	13	21.47	21.69	21.36	22.20
		1	24	21.48	21.65	21.33	22.20
		12	0	20.37	20.54	20.21	21.20
		12	6	20.44	20.58	20.30	21.20
		12	13	20.43	20.60	20.27	21.20
		25	0	20.34	20.58	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.51	21.66	21.36	22.20
		1	25	21.47	21.67	21.33	22.20
		1	49	21.51	21.71	21.32	22.20
		25	0	21.47	21.68	21.28	22.20
		25	13	21.43	21.69	21.32	22.20
		25	25	21.44	21.65	21.29	22.20
		50	0	21.51	21.71	21.31	22.20
	16QAM	1	0	21.44	21.71	21.33	22.20
		1	25	21.50	21.67	21.36	22.20
		1	49	21.43	21.71	21.36	22.20
		25	0	21.45	21.66	21.36	22.20
		25	13	21.51	21.64	21.31	22.20
		25	25	21.50	21.65	21.28	22.20
		50	0	21.46	21.66	21.36	22.20
	64QAM	1	0	21.49	21.70	21.35	22.20
		1	25	21.47	21.71	21.35	22.20
		1	49	21.44	21.67	21.35	22.20
		25	0	20.33	20.56	20.17	21.20
		25	13	20.44	20.63	20.22	21.20
		25	25	20.41	20.62	20.28	21.20
		50	0	20.34	20.57	20.23	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.51	21.67	21.34	22.20
		1	38	21.45	21.68	21.32	22.20
		1	74	21.43	21.64	21.36	22.20
		36	0	21.45	21.70	21.30	22.20
		36	18	21.44	21.66	21.32	22.20
		36	39	21.51	21.68	21.34	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 11 of 960

		75	0	21.47	21.68	21.34	22.20
	16QAM	1	0	21.43	21.65	21.30	22.20
		1	38	21.46	21.68	21.34	22.20
		1	74	21.43	21.70	21.36	22.20
		36	0	21.47	21.64	21.30	22.20
		36	18	21.46	21.65	21.36	22.20
		36	39	21.45	21.69	21.28	22.20
		75	0	21.47	21.67	21.31	22.20
		64QAM	1	0	21.50	21.69	21.31
	1		38	21.47	21.67	21.34	22.20
	1		74	21.49	21.69	21.34	22.20
	36		0	20.40	20.54	20.22	21.20
	36		18	20.37	20.59	20.24	21.20
	36		39	20.39	20.62	20.24	21.20
	75		0	20.38	20.60	20.21	21.20
	Bandwidth		Modulation	RB size	RB offset	Channel	Channel
18700		18900				19100	
20MHz	QPSK	1	0	21.50	21.63	21.31	22.20
		1	50	21.48	21.71	21.29	22.20
		1	99	21.50	21.68	21.34	22.20
		50	0	21.51	21.67	21.32	22.20
		50	25	21.43	21.64	21.29	22.20
		50	50	21.48	21.69	21.34	22.20
		100	0	21.49	21.71	21.29	22.20
		16QAM	1	0	21.47	21.68	21.30
	1		50	21.43	21.63	21.35	22.20
	1		99	21.50	21.70	21.36	22.20
	50		0	21.45	21.63	21.29	22.20
	50		25	21.43	21.67	21.35	22.20
	50		50	21.48	21.69	21.29	22.20
	100		0	21.43	21.66	21.29	22.20
	64QAM		1	0	21.46	21.63	21.35
		1	50	21.44	21.64	21.28	22.20
		1	99	21.48	21.64	21.32	22.20
		50	0	20.38	20.60	20.22	21.20
		50	25	20.42	20.60	20.26	21.20
		50	50	20.41	20.61	20.23	21.20
		100	0	20.42	20.61	20.26	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 12 of 960

LTE Band 2 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.18	23.42	23.03	24.20
		1	2	23.13	23.37	22.97	24.20
		1	5	23.11	23.31	22.99	24.20
		3	0	23.10	23.28	22.97	24.20
		3	2	23.12	23.28	22.94	24.20
		3	3	23.13	23.34	22.91	24.20
		6	0	22.24	22.43	22.07	23.20
	16QAM	1	0	22.12	22.32	21.99	23.20
		1	2	22.20	22.45	22.06	23.20
		1	5	22.23	22.44	22.04	23.20
		3	0	22.18	22.37	22.05	23.20
		3	2	22.22	22.43	22.06	23.20
		3	3	22.21	22.40	22.03	23.20
		6	0	21.40	21.54	21.21	22.20
	64QAM	1	0	21.39	21.67	21.24	22.20
		1	2	21.48	21.66	21.29	22.20
		1	5	21.43	21.63	21.27	22.20
		3	0	21.41	21.62	21.30	22.20
		3	2	21.42	21.66	21.32	22.20
		3	3	21.47	21.60	21.29	22.20
		6	0	20.35	20.61	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.17	23.43	23.05	24.20
		1	7	23.10	23.33	23.03	24.20
		1	14	23.06	23.28	22.98	24.20
		8	0	22.31	22.50	22.13	23.20
		8	4	22.16	22.44	22.08	23.20
		8	7	22.22	22.44	22.08	23.20
		15	0	22.23	22.42	22.04	23.20
	16QAM	1	0	22.19	22.36	22.04	23.20
		1	7	22.23	22.38	22.04	23.20
		1	14	22.20	22.41	22.02	23.20
		8	0	21.47	21.69	21.32	22.20
		8	4	21.43	21.63	21.22	22.20
8		7	21.31	21.50	21.20	22.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 13 of 960

		15	0	21.40	21.62	21.21	22.20
	64QAM	1	0	21.44	21.63	21.24	22.20
		1	7	21.43	21.67	21.25	22.20
		1	14	21.44	21.62	21.30	22.20
		8	0	20.34	20.60	20.17	21.20
		8	4	20.45	20.62	20.25	21.20
		8	7	20.38	20.59	20.25	21.20
		15	0	20.37	20.60	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.22	23.40	23.04	24.20
		1	13	23.11	23.36	22.98	24.20
		1	24	23.09	23.29	22.94	24.20
		12	0	22.30	22.47	22.11	23.20
		12	6	22.18	22.42	22.07	23.20
		12	13	22.26	22.46	22.08	23.20
		25	0	22.21	22.45	22.05	23.20
	16QAM	1	0	22.13	22.40	21.97	23.20
		1	13	22.24	22.41	22.05	23.20
		1	24	22.19	22.44	22.07	23.20
		12	0	21.45	21.65	21.35	22.20
		12	6	21.38	21.65	21.30	22.20
		12	13	21.34	21.53	21.14	22.20
		25	0	21.37	21.56	21.24	22.20
	64QAM	1	0	21.45	21.66	21.29	22.20
		1	13	21.45	21.65	21.33	22.20
		1	24	21.39	21.64	21.31	22.20
		12	0	20.33	20.58	20.19	21.20
		12	6	20.40	20.64	20.22	21.20
		12	13	20.44	20.62	20.29	21.20
		25	0	20.38	20.61	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.19	23.37	23.06	24.20
		1	25	23.17	23.36	22.98	24.20
		1	49	23.11	23.31	22.99	24.20
		25	0	22.29	22.49	22.12	23.20
		25	13	22.19	22.38	22.05	23.20
		25	25	22.23	22.47	22.09	23.20
		50	0	22.20	22.45	22.10	23.20
	16QAM	1	0	22.15	22.37	22.02	23.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 14 of 960

		1	25	22.23	22.43	22.06	23.20
		1	49	22.18	22.43	22.04	23.20
		25	0	21.47	21.63	21.33	22.20
		25	13	21.42	21.63	21.24	22.20
		25	25	21.30	21.48	21.20	22.20
		50	0	21.36	21.58	21.25	22.20
	64QAM	1	0	21.43	21.67	21.26	22.20
		1	25	21.46	21.65	21.29	22.20
		1	49	21.39	21.61	21.24	22.20
		25	0	20.35	20.56	20.18	21.20
		25	13	20.37	20.64	20.26	21.20
		25	25	20.43	20.63	20.28	21.20
		50	0	20.38	20.62	20.26	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.21	23.35	23.06	24.20
		1	38	23.11	23.36	22.95	24.20
		1	74	23.08	23.26	22.96	24.20
		36	0	22.31	22.47	22.12	23.20
		36	18	22.20	22.37	22.09	23.20
		36	39	22.25	22.43	22.11	23.20
		75	0	22.26	22.44	22.04	23.20
	16QAM	1	0	22.12	22.36	22.00	23.20
		1	38	22.23	22.44	22.11	23.20
		1	74	22.25	22.43	22.10	23.20
		36	0	21.47	21.64	21.33	22.20
		36	18	21.39	21.64	21.23	22.20
		36	39	21.34	21.49	21.18	22.20
		75	0	21.42	21.58	21.23	22.20
	64QAM	1	0	21.39	21.62	21.28	22.20
		1	38	21.41	21.66	21.29	22.20
		1	74	21.40	21.66	21.30	22.20
		36	0	20.39	20.60	20.22	21.20
		36	18	20.42	20.65	20.29	21.20
		36	39	20.40	20.60	20.26	21.20
		75	0	20.39	20.54	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.16	23.37	23.08	24.20
		1	50	23.10	23.36	23.00	24.20
		1	99	23.09	23.28	22.91	24.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 16 of 960

		3	2	21.41	21.61	21.15	22.20
		3	3	21.43	21.62	21.21	22.20
		6	0	20.33	20.55	20.17	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.25	22.46	22.18	23.20
		1	7	22.33	22.51	22.12	23.20
		1	14	22.25	22.52	22.17	23.20
		8	0	22.31	22.53	22.17	23.20
		8	4	22.29	22.52	22.18	23.20
		8	7	22.25	22.45	22.11	23.20
		15	0	22.32	22.47	22.15	23.20
	16QAM	1	0	22.28	22.46	22.10	23.20
		1	7	22.33	22.48	22.14	23.20
		1	14	22.27	22.49	22.13	23.20
		8	0	21.46	21.66	21.32	22.20
		8	4	21.40	21.64	21.23	22.20
		8	7	21.29	21.53	21.13	22.20
		15	0	21.36	21.62	21.25	22.20
	64QAM	1	0	21.45	21.65	21.31	22.20
		1	7	21.47	21.64	21.31	22.20
		1	14	21.43	21.59	21.26	22.20
		8	0	20.39	20.53	20.19	21.20
		8	4	20.42	20.61	20.25	21.20
		8	7	20.38	20.61	20.26	21.20
		15	0	20.34	20.57	20.24	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.32	22.45	22.11	23.20
		1	13	22.29	22.51	22.10	23.20
		1	24	22.27	22.52	22.11	23.20
		12	0	22.25	22.49	22.10	23.20
		12	6	22.30	22.46	22.17	23.20
		12	13	22.27	22.52	22.14	23.20
		25	0	22.32	22.51	22.11	23.20
	16QAM	1	0	22.32	22.50	22.10	23.20
		1	13	22.27	22.52	22.13	23.20
		1	24	22.29	22.52	22.11	23.20
		12	0	21.45	21.66	21.35	22.20
		12	6	21.40	21.65	21.27	22.20
12		13	21.30	21.51	21.20	22.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 17 of 960

		25	0	21.41	21.61	21.23	22.20
		1	0	21.46	21.66	21.31	22.20
		1	13	21.44	21.66	21.26	22.20
		1	24	21.44	21.66	21.25	22.20
		12	0	20.38	20.55	20.19	21.20
		12	6	20.39	20.58	20.27	21.20
		12	13	20.41	20.59	20.21	21.20
		25	0	20.40	20.58	20.23	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.27	22.51	22.10	23.20
		1	25	22.33	22.48	22.13	23.20
		1	49	22.31	22.47	22.13	23.20
		25	0	22.32	22.51	22.12	23.20
		25	13	22.29	22.50	22.12	23.20
		25	25	22.32	22.52	22.16	23.20
		50	0	22.27	22.49	22.12	23.20
	16QAM	1	0	22.25	22.50	22.17	23.20
		1	25	22.27	22.49	22.15	23.20
		1	49	22.26	22.45	22.16	23.20
		25	0	21.48	21.66	21.32	22.20
		25	13	21.39	21.61	21.25	22.20
		25	25	21.36	21.54	21.21	22.20
		50	0	21.38	21.56	21.24	22.20
	64QAM	1	0	21.43	21.60	21.27	22.20
		1	25	21.42	21.64	21.25	22.20
		1	49	21.40	21.64	21.30	22.20
		25	0	20.32	20.54	20.23	21.20
		25	13	20.41	20.60	20.28	21.20
		25	25	20.40	20.61	20.26	21.20
		50	0	20.35	20.58	20.21	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.30	22.46	22.10	23.20
		1	38	22.28	22.52	22.16	23.20
		1	74	22.33	22.47	22.10	23.20
		36	0	22.32	22.51	22.14	23.20
		36	18	22.27	22.52	22.10	23.20
		36	39	22.29	22.53	22.16	23.20
		75	0	22.33	22.48	22.15	23.20
	16QAM	1	0	22.33	22.47	22.15	23.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 18 of 960

		1	38	22.33	22.45	22.15	23.20
		1	74	22.27	22.53	22.14	23.20
		36	0	21.43	21.65	21.35	22.20
		36	18	21.41	21.60	21.22	22.20
		36	39	21.29	21.52	21.20	22.20
		75	0	21.37	21.56	21.22	22.20
	64QAM	1	0	21.40	21.63	21.24	22.20
		1	38	21.43	21.68	21.28	22.20
		1	74	21.42	21.64	21.31	22.20
		36	0	20.40	20.60	20.25	21.20
		36	18	20.39	20.62	20.23	21.20
		36	39	20.41	20.57	20.25	21.20
		75	0	20.36	20.61	20.19	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.27	22.50	22.14	23.20
		1	50	22.33	22.45	22.13	23.20
		1	99	22.30	22.48	22.13	23.20
		50	0	22.30	22.51	22.10	23.20
		50	25	22.26	22.49	22.13	23.20
		50	50	22.25	22.46	22.11	23.20
		100	0	22.25	22.48	22.17	23.20
	16QAM	1	0	22.32	22.50	22.11	23.20
		1	50	22.28	22.48	22.12	23.20
		1	99	22.26	22.48	22.14	23.20
		50	0	21.47	21.70	21.29	22.20
		50	25	21.38	21.65	21.23	22.20
		50	50	21.29	21.50	21.14	22.20
		100	0	21.41	21.59	21.19	22.20
	64QAM	1	0	21.39	21.62	21.28	22.20
		1	50	21.44	21.64	21.33	22.20
		1	99	21.42	21.58	21.29	22.20
		50	0	20.40	20.53	20.19	21.20
		50	25	20.41	20.58	20.22	21.20
		50	50	20.40	20.57	20.26	21.20
		100	0	20.37	20.60	20.26	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 19 of 960

LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.85	23.67	23.87	24.20
		1	2	23.97	23.67	23.85	24.20
		1	5	23.82	23.76	23.89	24.20
		3	0	23.89	23.84	23.92	24.20
		3	2	23.89	23.89	23.88	24.20
		3	3	23.86	23.87	23.91	24.20
		6	0	22.92	22.86	22.87	23.20
	16QAM	1	0	23.19	22.96	23.07	23.20
		1	2	23.01	23.11	22.96	23.20
		1	5	23.03	22.87	22.97	23.20
		3	0	22.93	22.81	22.77	23.20
		3	2	22.92	22.65	22.56	23.20
		3	3	22.81	22.96	22.58	23.20
		6	0	22.01	21.99	21.92	22.20
	64QAM	1	0	22.18	22.00	21.77	22.20
		1	2	22.19	21.62	21.63	22.20
		1	5	22.12	21.75	21.68	22.20
		3	0	22.04	22.09	21.95	22.20
		3	2	22.09	21.95	21.97	22.20
		3	3	21.98	21.98	22.00	22.20
		6	0	21.05	20.85	20.84	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.91	23.74	24.01	24.20
		1	7	23.93	24.00	23.81	24.20
		1	14	23.87	23.88	23.71	24.20
		8	0	22.92	22.89	22.94	23.20
		8	4	22.90	22.90	22.91	23.20
		8	7	22.91	22.94	22.93	23.20
		15	0	22.86	22.95	22.93	23.20
	16QAM	1	0	23.17	23.16	23.12	23.20
		1	7	23.04	23.09	23.07	23.20
		1	14	23.04	23.08	23.10	23.20
		8	0	22.14	21.94	21.97	22.20
		8	4	22.18	21.96	21.95	22.20
		8	7	22.09	21.96	21.98	22.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 21 of 960

		1	25	22.88	23.10	22.99	23.20
		1	49	23.20	23.14	23.19	23.20
		25	0	22.02	21.95	21.97	22.20
		25	13	22.06	21.92	22.00	22.20
		25	25	22.09	21.98	21.99	22.20
		50	0	22.08	21.98	21.95	22.20
	64QAM	1	0	22.07	21.54	21.99	22.20
		1	25	22.05	21.71	21.68	22.20
		1	49	22.10	21.95	21.64	22.20
		25	0	21.02	20.95	20.95	21.20
		25	13	21.02	20.92	20.96	21.20
		25	25	21.07	21.00	20.96	21.20
		50	0	21.06	20.95	20.93	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.91	23.70	24.15	24.20
		1	38	23.91	23.97	24.13	24.20
		1	74	24.08	24.16	24.02	24.20
		36	0	22.88	23.00	23.18	23.20
		36	18	22.92	22.97	23.13	23.20
		36	39	22.97	23.08	23.13	23.20
		75	0	22.97	23.08	23.17	23.20
	16QAM	1	0	22.92	22.60	22.78	23.20
		1	38	23.02	23.10	23.20	23.20
		1	74	22.78	22.97	22.80	23.20
		36	0	22.05	21.91	21.99	22.20
		36	18	22.07	21.89	22.00	22.20
		36	39	22.04	21.94	22.02	22.20
		75	0	22.08	22.02	22.01	22.20
	64QAM	1	0	21.99	22.06	22.07	22.20
		1	38	21.97	21.94	22.07	22.20
		1	74	21.78	21.82	21.61	22.20
		36	0	21.02	20.98	20.99	21.20
		36	18	21.11	21.02	21.03	21.20
		36	39	21.08	21.02	21.01	21.20
		75	0	21.07	20.98	21.02	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.86	23.92	24.11	24.20
		1	50	23.93	23.97	23.88	24.20
		1	99	24.10	24.04	23.95	24.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 22 of 960

		50	0	22.92	23.03	23.20	23.20
		50	25	22.99	23.08	23.17	23.20
		50	50	23.07	23.20	23.17	23.20
		100	0	23.01	23.09	23.00	23.20
	16QAM	1	0	22.87	22.75	23.16	23.20
		1	50	22.83	23.01	22.98	23.20
		1	99	23.02	22.99	23.11	23.20
		50	0	22.01	22.01	22.03	22.20
		50	25	22.10	22.06	22.04	22.20
		50	50	22.07	22.06	22.05	22.20
		100	0	22.05	21.98	22.02	22.20
	64QAM	1	0	21.91	21.93	21.95	22.20
		1	50	21.76	21.82	22.01	22.20
		1	99	22.00	22.14	22.08	22.20
		50	0	21.02	21.01	21.02	21.20
		50	25	21.08	21.04	21.03	21.20
		50	50	21.07	21.03	21.04	21.20
		100	0	21.06	20.98	21.07	21.20

LTE Band 4 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.97	21.90	21.85	22.20
		1	2	21.87	22.08	22.01	22.20
		1	5	22.01	22.12	21.90	22.20
		3	0	22.08	22.01	21.97	22.20
		3	2	22.10	21.97	22.11	22.20
		3	3	22.11	22.12	21.99	22.20
		6	0	21.99	22.07	22.08	22.20
	16QAM	1	0	22.09	22.08	22.16	22.20
		1	2	22.10	22.00	22.00	22.20
		1	5	22.06	22.08	22.20	22.20
		3	0	21.53	21.38	21.55	22.20
		3	2	21.63	21.41	21.61	22.20
		3	3	21.66	21.45	21.50	22.20
		6	0	21.60	21.42	21.60	22.20
	64QAM	1	0	21.43	21.39	21.54	22.20
		1	2	21.31	21.56	21.62	22.20
		1	5	21.63	21.49	21.58	22.20
		3	0	21.41	21.43	21.54	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 23 of 960

		3	2	21.62	21.46	21.52	22.20
		3	3	21.63	21.53	21.49	22.20
		6	0	20.59	20.38	20.48	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.96	21.90	21.76	22.20
		1	7	22.02	22.05	21.90	22.20
		1	14	21.87	22.02	22.04	22.20
		8	0	21.97	21.93	22.12	22.20
		8	4	22.10	21.97	21.95	22.20
		8	7	21.99	22.10	22.01	22.20
		15	0	22.07	22.04	22.11	22.20
	16QAM	1	0	22.02	22.06	22.07	22.20
		1	7	22.16	21.99	22.15	22.20
		1	14	22.07	21.98	22.18	22.20
		8	0	21.51	21.51	21.47	22.20
		8	4	21.54	21.45	21.43	22.20
		8	7	21.53	21.40	21.57	22.20
		15	0	21.49	21.32	21.62	22.20
	64QAM	1	0	21.36	21.26	21.43	22.20
		1	7	21.41	21.66	21.70	22.20
		1	14	21.56	21.53	21.44	22.20
		8	0	20.45	20.39	20.43	21.20
		8	4	20.48	20.56	20.42	21.20
		8	7	20.51	20.47	20.49	21.20
		15	0	20.48	20.46	20.49	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.00	21.95	21.85	22.20
		1	13	21.87	21.94	21.90	22.20
		1	24	21.87	22.12	21.98	22.20
		12	0	21.91	22.04	22.09	22.20
		12	6	22.01	21.99	21.91	22.20
		12	13	21.95	22.10	21.98	22.20
		25	0	21.99	22.07	22.05	22.20
	16QAM	1	0	21.95	22.04	22.15	22.20
		1	13	22.13	22.16	22.16	22.20
		1	24	21.97	22.11	22.00	22.20
		12	0	21.42	21.37	21.47	22.20
		12	6	21.55	21.46	21.60	22.20
		12	13	21.67	21.47	21.51	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 25 of 960

		1	38	22.16	22.05	22.08	22.20
		1	74	21.97	22.11	22.16	22.20
		36	0	21.41	21.46	21.45	22.20
		36	18	21.55	21.41	21.48	22.20
		36	39	21.63	21.43	21.44	22.20
		75	0	21.51	21.38	21.48	22.20
	64QAM	1	0	21.33	21.40	21.51	22.20
		1	38	21.46	21.64	21.67	22.20
		1	74	21.65	21.61	21.58	22.20
		36	0	20.50	20.43	20.47	21.20
		36	18	20.45	20.51	20.55	21.20
		36	39	20.51	20.55	20.44	21.20
	75	0	20.64	20.49	20.45	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.01	21.99	21.84	22.20
		1	50	22.00	22.06	22.00	22.20
		1	99	22.00	22.07	22.02	22.20
		50	0	22.04	22.03	22.07	22.20
		50	25	22.08	22.09	22.06	22.20
		50	50	22.08	22.09	22.08	22.20
		100	0	22.09	22.06	22.09	22.20
	16QAM	1	0	22.06	22.03	22.15	22.20
		1	50	22.19	22.11	22.11	22.20
		1	99	22.12	22.12	22.15	22.20
		50	0	21.56	21.47	21.54	22.20
		50	25	21.60	21.54	21.56	22.20
		50	50	21.62	21.53	21.59	22.20
		100	0	21.57	21.45	21.57	22.20
	64QAM	1	0	20.82	21.38	21.55	22.20
		1	50	21.46	21.65	21.66	22.20
		1	99	21.60	21.63	21.59	22.20
		50	0	20.49	20.48	20.53	21.20
		50	25	20.59	20.51	20.53	21.20
		50	50	20.60	20.54	20.57	21.20
		100	0	20.59	20.44	20.53	21.20

LTE Band 4 DSI3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 26 of 960

1.4MHz	QPSK	1	0	21.05	20.82	20.94	21.20
		1	2	20.99	20.95	20.99	21.20
		1	5	21.02	20.98	21.01	21.20
		3	0	20.87	20.89	20.89	21.20
		3	2	21.00	21.01	21.05	21.20
		3	3	21.05	20.90	21.11	21.20
		6	0	20.98	21.06	20.98	21.20
	16QAM	1	0	21.19	20.99	21.10	21.20
		1	2	21.01	20.97	21.14	21.20
		1	5	20.87	21.17	21.12	21.20
		3	0	20.87	20.85	20.93	21.20
		3	2	21.03	20.99	20.90	21.20
		3	3	21.07	20.92	21.02	21.20
		6	0	21.09	21.00	21.02	21.20
	64QAM	1	0	21.13	20.69	21.09	21.20
		1	2	21.11	20.85	20.52	21.20
		1	5	20.41	20.48	20.72	21.20
		3	0	20.42	20.35	20.28	21.20
		3	2	20.54	20.32	20.51	21.20
		3	3	20.49	20.43	20.58	21.20
		6	0	20.45	20.45	20.46	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.05	20.91	20.74	21.20
		1	7	21.07	20.97	20.99	21.20
		1	14	20.96	20.91	20.83	21.20
		8	0	20.92	21.00	20.97	21.20
		8	4	21.14	21.07	20.94	21.20
		8	7	21.06	20.93	20.96	21.20
		15	0	20.92	21.01	21.13	21.20
	16QAM	1	0	21.07	20.96	21.06	21.20
		1	7	21.09	21.00	21.05	21.20
		1	14	20.82	21.11	21.12	21.20
		8	0	20.89	20.92	20.92	21.20
		8	4	20.99	20.99	20.94	21.20
		8	7	21.01	20.99	20.96	21.20
		15	0	20.97	21.01	20.98	21.20
	64QAM	1	0	21.10	20.71	21.12	21.20
		1	7	21.02	20.98	20.65	21.20
		1	14	20.51	20.55	20.61	21.20
		8	0	20.36	20.42	20.38	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 27 of 960

		8	4	20.52	20.48	20.39	21.20
		8	7	20.45	20.45	20.52	21.20
		15	0	20.39	20.46	20.39	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.87	20.85	20.79	21.20
		1	13	21.00	20.94	20.95	21.20
		1	24	21.01	20.92	21.01	21.20
		12	0	20.93	20.88	21.01	21.20
		12	6	20.98	20.88	20.95	21.20
		12	13	20.99	20.99	21.04	21.20
		25	0	21.05	20.89	21.06	21.20
	16QAM	1	0	21.05	20.98	21.07	21.20
		1	13	21.09	21.08	21.11	21.20
		1	24	20.93	21.01	21.17	21.20
		12	0	21.01	20.99	21.00	21.20
		12	6	20.99	20.90	20.98	21.20
		12	13	20.92	20.90	20.95	21.20
		25	0	20.97	20.93	21.04	21.20
	64QAM	1	0	20.99	20.57	21.04	21.20
		1	13	21.03	21.01	20.52	21.20
		1	24	20.51	20.57	20.73	21.20
		12	0	20.44	20.39	20.36	21.20
		12	6	20.47	20.47	20.39	21.20
		12	13	20.40	20.54	20.41	21.20
		25	0	20.44	20.39	20.55	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.86	20.88	20.87	21.20
		1	25	21.02	20.86	21.11	21.20
		1	49	21.02	20.97	20.88	21.20
		25	0	20.89	20.93	20.92	21.20
		25	13	21.12	21.04	21.05	21.20
		25	25	21.03	20.98	21.09	21.20
		50	0	21.07	20.96	20.98	21.20
	16QAM	1	0	21.03	20.99	21.06	21.20
		1	25	20.97	21.10	21.10	21.20
		1	49	20.83	21.20	21.14	21.20
		25	0	21.04	20.98	21.06	21.20
		25	13	21.08	20.91	21.02	21.20
		25	25	20.99	20.91	20.94	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 29 of 960

		1	50	21.11	21.11	21.10	21.20
		1	99	20.96	21.15	21.19	21.20
		50	0	21.02	21.00	21.01	21.20
		50	25	21.06	21.04	20.97	21.20
		50	50	21.07	21.05	20.99	21.20
		100	0	21.05	21.00	20.99	21.20
	64QAM	1	0	21.11	20.66	21.09	21.20
		1	50	21.09	20.96	20.61	21.20
		1	99	20.52	20.58	20.73	21.20
		50	0	20.50	20.42	20.42	21.20
		50	25	20.58	20.47	20.53	21.20
		50	50	20.54	20.51	20.54	21.20
		100	0	20.53	20.47	20.53	21.20

LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.82	18.81	18.97	19.20
		1	2	19.03	18.98	18.95	19.20
		1	5	19.09	19.09	19.11	19.20
		3	0	19.00	18.94	19.02	19.20
		3	2	19.14	19.03	18.96	19.20
		3	3	19.07	19.10	19.03	19.20
		6	0	19.13	19.05	19.08	19.20
	16QAM	1	0	19.08	18.94	19.13	19.20
		1	2	19.11	19.07	19.13	19.20
		1	5	19.12	19.04	19.04	19.20
		3	0	18.90	19.03	19.02	19.20
		3	2	19.10	19.02	19.11	19.20
		3	3	19.06	19.04	19.10	19.20
		6	0	18.95	18.93	19.01	19.20
	64QAM	1	0	19.17	19.04	19.18	19.20
		1	2	19.18	18.99	19.05	19.20
		1	5	19.07	19.02	19.16	19.20
		3	0	19.12	18.97	18.95	19.20
		3	2	19.04	19.00	19.13	19.20
		3	3	19.16	19.07	19.18	19.20
		6	0	18.99	18.91	19.06	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 30 of 960

3MHz	QPSK	1	0	18.80	18.86	18.90	19.20
		1	7	18.93	18.86	18.93	19.20
		1	14	19.00	19.18	19.14	19.20
		8	0	18.96	18.94	19.04	19.20
		8	4	19.11	19.10	19.02	19.20
		8	7	19.14	19.18	19.12	19.20
		15	0	19.17	19.12	19.06	19.20
	16QAM	1	0	19.06	19.01	19.14	19.20
		1	7	19.16	19.06	19.19	19.20
		1	14	19.01	19.07	18.96	19.20
		8	0	18.94	18.90	19.13	19.20
		8	4	19.03	19.01	18.99	19.20
		8	7	19.08	18.99	19.18	19.20
		15	0	18.92	18.99	18.97	19.20
	64QAM	1	0	19.13	19.02	19.14	19.20
		1	7	19.16	19.07	19.09	19.20
		1	14	19.08	18.97	18.90	19.20
		8	0	18.93	19.01	18.98	19.20
		8	4	19.11	19.02	19.11	19.20
		8	7	19.01	19.07	19.02	19.20
		15	0	18.97	19.02	19.09	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.87	18.88	19.04	19.20
		1	13	19.02	19.04	18.99	19.20
		1	24	18.96	19.19	19.11	19.20
		12	0	18.97	18.93	19.05	19.20
		12	6	19.09	19.10	19.13	19.20
		12	13	19.12	19.00	19.05	19.20
		25	0	19.04	19.04	19.00	19.20
	16QAM	1	0	18.91	18.92	19.04	19.20
		1	13	19.20	19.10	19.14	19.20
		1	24	19.07	19.05	19.08	19.20
		12	0	18.97	19.04	19.12	19.20
		12	6	19.00	19.01	19.00	19.20
		12	13	19.06	18.94	19.06	19.20
		25	0	19.03	19.08	19.12	19.20
	64QAM	1	0	19.15	19.13	19.13	19.20
		1	13	19.05	19.14	19.11	19.20
		1	24	18.96	19.05	19.10	19.20
		12	0	18.95	18.99	19.11	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 31 of 960

		12	6	18.93	19.03	18.97	19.20
		12	13	18.99	19.09	18.98	19.20
		25	0	19.04	19.06	19.09	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.92	18.78	18.86	19.20
		1	25	19.08	18.86	18.95	19.20
		1	49	19.01	19.16	19.03	19.20
		25	0	19.08	19.08	19.03	19.20
		25	13	19.07	19.14	19.12	19.20
		25	25	19.08	19.16	19.14	19.20
		50	0	19.05	19.03	19.16	19.20
	16QAM	1	0	18.97	18.92	19.16	19.20
		1	25	19.19	19.16	19.13	19.20
		1	49	18.93	19.18	19.13	19.20
		25	0	18.97	18.99	18.97	19.20
		25	13	19.02	19.04	19.13	19.20
		25	25	19.13	18.94	19.03	19.20
		50	0	19.08	18.96	19.00	19.20
	64QAM	1	0	19.04	18.99	19.20	19.20
		1	25	19.11	19.19	19.16	19.20
		1	49	19.14	19.03	19.17	19.20
		25	0	18.95	19.03	18.99	19.20
		25	13	18.98	19.04	18.97	19.20
		25	25	19.04	19.11	19.03	19.20
		50	0	19.07	19.09	19.15	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.79	18.75	18.91	19.20
		1	38	19.03	18.89	19.09	19.20
		1	74	19.09	19.12	19.01	19.20
		36	0	19.07	18.96	19.11	19.20
		36	18	19.02	18.96	19.15	19.20
		36	39	19.15	19.05	19.12	19.20
		75	0	19.02	19.10	19.01	19.20
	16QAM	1	0	18.94	19.05	19.04	19.20
		1	38	19.17	19.05	19.14	19.20
		1	74	19.12	19.05	19.10	19.20
		36	0	18.97	19.07	18.99	19.20
		36	18	18.99	19.02	19.04	19.20
		36	39	19.13	19.07	19.14	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 34 of 960

15MHz	QPSK	1	0	23.05	23.14	23.45	24.20
		1	38	23.02	23.18	23.37	24.20
		1	74	22.96	23.19	23.29	24.20
		36	0	22.02	22.09	22.37	23.20
		36	18	21.96	22.10	22.43	23.20
		36	39	21.94	22.20	22.40	23.20
		75	0	21.98	22.16	22.39	23.20
	16QAM	1	0	22.21	22.12	22.61	23.20
		1	38	22.00	22.20	22.46	23.20
		1	74	21.97	22.36	22.62	23.20
		36	0	21.02	21.17	21.37	22.20
		36	18	20.94	21.16	21.41	22.20
		36	39	20.91	21.27	21.41	22.20
		75	0	20.96	21.22	21.39	22.20
	64QAM	1	0	21.15	21.23	21.60	22.20
		1	38	21.02	21.35	21.37	22.20
		1	74	20.95	21.09	21.51	22.20
		36	0	20.06	20.13	20.28	21.20
		36	18	19.97	20.16	20.24	21.20
		36	39	19.96	20.28	20.31	21.20
		75	0	20.00	20.21	20.42	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.99	23.07	23.37	24.20
		1	50	23.02	23.26	23.39	24.20
		1	99	22.90	23.21	23.20	24.20
		50	0	22.00	22.18	22.43	23.20
		50	25	21.97	22.21	22.48	23.20
		50	50	21.92	22.30	22.40	23.20
		100	0	21.98	22.22	22.49	23.20
	16QAM	1	0	22.11	22.31	22.60	23.20
		1	50	22.33	22.24	22.76	23.20
		1	99	22.04	22.45	22.41	23.20
		50	0	21.04	21.11	21.53	22.20
		50	25	20.98	21.20	21.38	22.20
		50	50	20.97	21.28	21.42	22.20
		100	0	20.94	21.21	21.41	22.20
	64QAM	1	0	21.20	21.02	21.52	22.20
		1	50	21.04	21.15	21.55	22.20
		1	99	21.15	21.33	21.40	22.20
		50	0	20.00	20.19	20.47	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 35 of 960

		50	25	20.01	20.20	20.41	21.20
		50	50	19.97	20.31	20.40	21.20
		100	0	20.02	20.19	20.45	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 36 of 960

LTE Band 7 DS12/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.74	18.64	18.83	19.70
		1	13	18.71	18.58	18.73	19.70
		1	24	18.49	18.88	18.73	19.70
		12	0	18.73	18.81	18.97	19.70
		12	6	18.69	18.68	19.00	19.70
		12	13	18.61	18.82	18.91	19.70
		25	0	18.61	18.77	18.88	19.70
	16QAM	1	0	19.09	18.84	18.95	19.70
		1	13	18.79	18.84	19.11	19.70
		1	24	18.96	18.94	19.12	19.70
		12	0	18.58	18.76	18.95	19.70
		12	6	18.65	18.67	18.98	19.70
		12	13	18.61	18.87	18.88	19.70
		25	0	18.60	18.77	18.94	19.70
	64QAM	1	0	18.95	18.69	18.66	19.70
		1	13	18.62	18.82	18.53	19.70
		1	24	18.71	18.85	19.00	19.70
		12	0	18.68	18.74	18.90	19.70
		12	6	18.69	18.81	18.93	19.70
		12	13	18.51	18.76	18.79	19.70
		25	0	18.51	18.72	18.98	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.54	18.72	18.81	19.70
		1	25	18.63	18.62	18.57	19.70
		1	49	18.58	18.76	18.80	19.70
		25	0	18.76	18.73	18.96	19.70
		25	13	18.74	18.78	18.87	19.70
		25	25	18.54	18.82	18.93	19.70
		50	0	18.58	18.68	18.93	19.70
	16QAM	1	0	18.99	18.66	19.34	19.70
		1	25	18.94	18.95	19.00	19.70
		1	49	18.99	18.93	19.16	19.70
		25	0	18.64	18.75	19.01	19.70
		25	13	18.57	18.74	18.89	19.70
		25	25	18.64	18.87	18.80	19.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 37 of 960

		50	0	18.55	18.79	18.91	19.70
		1	0	18.93	18.69	18.78	19.70
		1	25	18.69	18.80	18.42	19.70
		1	49	18.86	18.85	19.19	19.70
		25	0	18.63	18.71	18.84	19.70
		25	13	18.67	18.74	18.87	19.70
		25	25	18.65	18.90	18.84	19.70
		50	0	18.51	18.63	18.90	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.61	18.55	18.86	19.70
		1	38	18.64	18.71	18.54	19.70
		1	74	18.58	18.77	18.81	19.70
		36	0	18.67	18.68	18.98	19.70
		36	18	18.73	18.79	18.89	19.70
		36	39	18.49	18.72	18.81	19.70
		75	0	18.66	18.72	18.99	19.70
	16QAM	1	0	19.17	18.85	19.19	19.70
		1	38	18.84	18.97	18.96	19.70
		1	74	19.04	18.92	19.11	19.70
		36	0	18.70	18.80	18.99	19.70
		36	18	18.60	18.68	18.88	19.70
		36	39	18.47	18.71	18.87	19.70
		75	0	18.68	18.74	18.97	19.70
	64QAM	1	0	18.98	18.60	18.77	19.70
		1	38	18.57	18.87	18.53	19.70
		1	74	18.81	18.75	19.04	19.70
		36	0	18.52	18.73	18.84	19.70
		36	18	18.62	18.79	18.93	19.70
		36	39	18.64	18.83	18.80	19.70
		75	0	18.60	18.64	18.92	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.64	18.63	18.81	19.70
		1	50	18.62	18.63	18.63	19.70
		1	99	18.55	18.84	18.83	19.70
		50	0	18.66	18.72	18.92	19.70
		50	25	18.67	18.71	18.92	19.70
		50	50	18.59	18.82	18.89	19.70
		100	0	18.63	18.74	18.93	19.70
	16QAM	1	0	19.09	18.76	19.25	19.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 38 of 960

		1	50	18.88	18.91	19.03	19.70
		1	99	18.99	18.92	19.11	19.70
		50	0	18.64	18.71	18.93	19.70
		50	25	18.67	18.72	18.92	19.70
		50	50	18.55	18.78	18.88	19.70
		100	0	18.59	18.70	18.87	19.70
	64QAM	1	0	18.91	18.60	18.72	19.70
		1	50	18.61	18.80	18.52	19.70
		1	99	18.81	18.76	19.10	19.70
		50	0	18.62	18.72	18.88	19.70
		50	25	18.68	18.72	18.87	19.70
		50	50	18.59	18.81	18.86	19.70
		100	0	18.61	18.73	18.88	19.70

LTE Band 7 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.71	17.67	17.91	18.70
		1	13	17.63	17.73	17.97	18.70
		1	24	17.54	17.82	17.96	18.70
		12	0	17.61	17.79	17.98	18.70
		12	6	17.78	17.79	17.92	18.70
		12	13	17.65	17.73	17.89	18.70
		25	0	17.59	17.81	17.91	18.70
	16QAM	1	0	17.94	17.80	17.90	18.70
		1	13	17.89	17.95	18.11	18.70
		1	24	17.73	18.15	18.14	18.70
		12	0	17.63	17.76	17.98	18.70
		12	6	17.66	17.70	17.96	18.70
		12	13	17.39	17.80	17.76	18.70
		25	0	17.63	17.72	17.97	18.70
	64QAM	1	0	17.86	17.70	17.99	18.70
		1	13	17.78	17.97	17.94	18.70
		1	24	17.58	17.76	18.06	18.70
		12	0	17.63	17.59	17.87	18.70
		12	6	17.62	17.64	17.88	18.70
		12	13	17.56	17.75	17.85	18.70
		25	0	17.56	17.80	17.87	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 39 of 960

10MHz	QPSK	1	0	17.71	17.64	17.98	18.70
		1	25	17.58	17.67	17.81	18.70
		1	49	17.66	17.72	17.94	18.70
		25	0	17.63	17.69	17.96	18.70
		25	13	17.78	17.74	17.98	18.70
		25	25	17.54	17.74	17.87	18.70
		50	0	17.70	17.67	17.86	18.70
	16QAM	1	0	17.97	17.97	18.19	18.70
		1	25	17.84	18.05	18.24	18.70
		1	49	17.64	18.03	18.24	18.70
		25	0	17.68	17.70	17.93	18.70
		25	13	17.76	17.77	17.92	18.70
		25	25	17.40	17.70	17.95	18.70
		50	0	17.57	17.77	17.95	18.70
	64QAM	1	0	17.94	17.70	17.93	18.70
		1	25	17.79	18.03	18.07	18.70
		1	49	17.66	17.83	18.10	18.70
		25	0	17.69	17.61	17.91	18.70
		25	13	17.58	17.63	17.84	18.70
		25	25	17.53	17.89	17.76	18.70
		50	0	17.61	17.77	17.97	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.62	17.56	18.02	18.70
		1	38	17.73	17.78	17.98	18.70
		1	74	17.50	17.84	17.91	18.70
		36	0	17.74	17.77	17.84	18.70
		36	18	17.60	17.67	17.83	18.70
		36	39	17.58	17.74	17.82	18.70
		75	0	17.59	17.78	17.93	18.70
	16QAM	1	0	17.97	17.94	18.10	18.70
		1	38	17.90	17.97	18.18	18.70
		1	74	17.78	18.05	18.05	18.70
		36	0	17.66	17.66	17.96	18.70
		36	18	17.61	17.68	17.86	18.70
		36	39	17.52	17.72	17.77	18.70
		75	0	17.63	17.69	17.90	18.70
	64QAM	1	0	17.94	17.69	17.95	18.70
		1	38	17.69	17.89	18.02	18.70
		1	74	17.46	17.94	18.06	18.70
		36	0	17.75	17.69	17.98	18.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 40 of 960

		36	18	17.61	17.81	17.79	18.70
		36	39	17.53	17.88	17.82	18.70
		75	0	17.59	17.84	17.94	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.69	17.63	17.95	18.70
		1	50	17.66	17.69	17.89	18.70
		1	99	17.60	17.74	17.88	18.70
		50	0	17.66	17.70	17.90	18.70
		50	25	17.68	17.74	17.90	18.70
		50	50	17.59	17.78	17.86	18.70
		100	0	17.65	17.73	17.91	18.70
	16QAM	1	0	17.99	17.87	17.98	18.70
		1	50	17.91	17.95	18.21	18.70
		1	99	17.74	18.05	18.16	18.70
		50	0	17.64	17.71	17.92	18.70
		50	25	17.67	17.73	17.93	18.70
		50	50	17.46	17.79	17.86	18.70
		100	0	17.65	17.70	17.87	18.70
	64QAM	1	0	17.84	17.74	18.00	18.70
		1	50	17.73	17.94	18.03	18.70
		1	99	17.56	17.85	18.03	18.70
		50	0	17.68	17.60	17.92	18.70
		50	25	17.67	17.72	17.89	18.70
		50	50	17.58	17.79	17.85	18.70
		100	0	17.64	17.74	17.89	18.70

LTE Band 7 DS1/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.13	16.15	16.19	17.20
		1	13	16.15	16.31	16.40	17.20
		1	24	16.16	16.30	16.27	17.20
		12	0	16.13	16.18	16.53	17.20
		12	6	16.27	16.23	16.34	17.20
		12	13	16.07	16.32	16.32	17.20
		25	0	16.11	16.24	16.40	17.20
	16QAM	1	0	16.46	16.41	16.46	17.20
		1	13	16.50	16.47	16.79	17.20
		1	24	16.47	16.54	16.61	17.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 41 of 960

		12	0	16.19	16.31	16.28	17.20
		12	6	16.21	16.12	16.41	17.20
		12	13	16.06	16.37	16.36	17.20
		25	0	16.17	16.12	16.35	17.20
	64QAM	1	0	16.29	16.21	16.43	17.20
		1	13	16.15	16.29	16.71	17.20
		1	24	15.87	16.44	16.48	17.20
		12	0	16.20	16.18	16.26	17.20
		12	6	16.06	16.08	16.28	17.20
		12	13	16.14	16.22	16.27	17.20
		25	0	16.07	16.22	16.18	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.23	16.27	16.32	17.20
		1	25	16.10	16.12	16.40	17.20
		1	49	16.13	16.36	16.44	17.20
		25	0	16.23	16.16	16.35	17.20
		25	13	16.26	16.25	16.35	17.20
		25	25	16.11	16.26	16.29	17.20
		50	0	16.18	16.33	16.32	17.20
	16QAM	1	0	16.48	16.45	16.63	17.20
		1	25	16.52	16.50	16.73	17.20
		1	49	16.52	16.55	16.52	17.20
		25	0	16.09	16.14	16.29	17.20
		25	13	16.17	16.22	16.39	17.20
		25	25	16.15	16.30	16.33	17.20
		50	0	16.16	16.11	16.35	17.20
	64QAM	1	0	16.37	16.24	16.34	17.20
		1	25	16.01	16.34	16.76	17.20
		1	49	15.88	16.48	16.41	17.20
		25	0	16.03	16.13	16.25	17.20
		25	13	16.22	16.21	16.20	17.20
		25	25	16.18	16.14	16.28	17.20
		50	0	16.05	16.24	16.28	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.28	16.27	16.16	17.20
		1	38	16.15	16.31	16.41	17.20
		1	74	16.08	16.32	16.33	17.20
		36	0	16.23	16.20	16.48	17.20
		36	18	16.18	16.18	16.53	17.20



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725th, 726th, 727th, 728th, 729th, 730th, 731st, 732nd, 733rd, 734th, 735th, 736th, 737th, 738th, 739th, 740th, 741st, 742nd, 743rd, 744th, 745th, 746th, 747th, 748th, 749th, 750th, 751st, 752nd, 753rd, 754th, 755th, 756th, 757th, 758th, 759th, 760th, 761st, 762nd, 763rd, 764th, 765th, 766th, 767th, 768th, 769th, 770th, 771st, 772nd, 773rd, 774th, 775th, 776th, 777th, 778th, 779th, 780th, 781st, 782nd, 783rd, 784th, 785th, 786th, 787th, 788th, 789th, 790th, 791st, 792nd, 793rd, 794th, 795th, 796th, 797th, 798th, 799th, 800th, 801st, 802nd, 803rd, 804th, 805th, 806th, 807th, 808th, 809th, 810th, 811st, 812nd, 813th, 814th, 815th, 816th, 817th, 818th, 819th, 820th, 821st, 822nd, 823rd, 824th, 825th, 826th, 827th, 828th, 829th, 830th, 831st, 832nd, 833rd, 834th, 835th, 836th, 837th, 838th, 839th, 840th, 841st, 842nd, 843rd, 844th, 845th, 846th, 847th, 848th, 849th, 850th, 851st, 852nd, 853rd, 854th, 855th, 856th, 857th, 858th, 859th, 860th, 861st, 862nd, 863rd, 864th, 865th, 866th, 867th, 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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 43 of 960

LTE Band 66 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.70	23.87	23.63	24.20
		1	2	23.88	24.00	23.61	24.20
		1	5	23.81	23.87	23.52	24.20
		3	0	23.85	23.87	23.81	24.20
		3	1	23.81	23.90	23.84	24.20
		3	3	23.84	23.72	23.85	24.20
		6	0	23.01	22.85	23.00	23.20
	16QAM	1	0	23.13	23.08	23.08	23.20
		1	2	23.16	23.03	23.04	23.20
		1	5	23.05	23.15	23.04	23.20
		3	0	22.98	22.78	22.98	23.20
		3	1	23.03	22.76	22.99	23.20
		3	3	22.99	22.76	22.98	23.20
		6	0	22.11	21.93	22.03	22.20
	64QAM	1	0	22.00	22.10	21.73	22.20
		1	2	22.01	22.03	21.63	22.20
		1	5	22.09	21.91	21.85	22.20
		3	0	22.08	22.03	22.07	22.20
		3	1	21.96	21.94	21.99	22.20
		3	3	22.10	21.93	22.12	22.20
		6	0	21.04	20.80	20.94	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.82	24.06	23.55	24.20
		1	7	23.85	23.78	23.58	24.20
		1	14	23.97	23.89	23.91	24.20
		8	0	23.08	22.32	22.89	23.20
		8	4	23.05	22.89	22.96	23.20
		8	7	23.05	22.33	22.99	23.20
		15	0	23.05	22.84	22.95	23.20
	16QAM	1	0	23.05	23.02	22.49	23.20
		1	7	22.89	22.97	23.00	23.20
		1	14	23.14	22.74	22.79	23.20
		8	0	22.06	21.84	22.04	22.20
		8	4	22.07	21.85	21.99	22.20
8		7	22.09	21.87	22.04	22.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 44 of 960

		15	0	22.10	21.93	21.97	22.20
	64QAM	1	0	22.02	21.94	21.91	22.20
		1	7	21.90	21.77	21.91	22.20
		1	14	21.98	22.03	21.73	22.20
		8	0	21.09	20.98	20.99	21.20
		8	4	21.11	20.89	20.98	21.20
		8	7	21.12	20.96	21.01	21.20
		15	0	21.06	20.86	20.94	21.20
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel
131997	132322					132647	
5MHz	QPSK	1	0	23.92	24.00	23.47	24.20
		1	13	23.87	23.99	23.57	24.20
		1	24	23.88	23.95	24.07	24.20
		12	0	23.08	22.97	22.96	23.20
		12	6	23.11	22.92	22.98	23.20
		12	13	23.07	22.96	22.97	23.20
		25	0	23.16	22.97	22.96	23.20
	16QAM	1	0	23.03	23.19	23.14	23.20
		1	13	23.19	23.19	23.20	23.20
		1	24	23.05	23.16	23.03	23.20
		12	0	22.08	21.98	21.90	22.20
		12	6	22.12	21.93	21.96	22.20
		12	13	22.11	21.96	22.00	22.20
		25	0	22.11	21.93	21.97	22.20
	64QAM	1	0	22.16	21.70	21.97	22.20
		1	13	22.15	21.84	21.76	22.20
		1	24	21.83	21.74	22.10	22.20
		12	0	21.10	21.00	20.95	21.20
		12	6	21.11	20.93	20.95	21.20
		12	13	21.09	20.98	21.07	21.20
		25	0	21.08	20.95	21.00	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.95	24.08	23.40	24.20
		1	25	23.94	23.93	23.50	24.20
		1	49	24.01	24.04	23.91	24.20
		25	0	23.08	22.46	22.84	23.20
		25	13	23.06	22.92	22.89	23.20
		25	25	23.09	22.95	22.99	23.20
		50	0	23.08	22.86	22.93	23.20
	16QAM	1	0	23.10	23.02	22.80	23.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 45 of 960

		1	25	22.92	22.96	23.05	23.20
		1	49	22.95	23.14	23.04	23.20
		25	0	22.04	21.93	21.87	22.20
		25	13	22.02	21.93	21.89	22.20
		25	25	22.08	21.94	21.99	22.20
		50	0	22.08	21.94	21.91	22.20
	64QAM	1	0	21.88	21.61	21.94	22.20
		1	25	22.14	21.66	21.95	22.20
		1	49	22.15	21.74	22.12	22.20
		25	0	21.03	20.91	20.83	21.20
		25	13	21.05	20.91	20.88	21.20
		25	25	21.08	20.94	20.96	21.20
		50	0	21.05	20.94	20.89	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.93	24.04	23.34	24.20
		1	38	24.00	24.01	23.25	24.20
		1	74	24.19	24.02	23.87	24.20
		36	0	23.01	22.91	22.84	23.20
		36	18	23.06	22.91	22.87	23.20
		36	39	23.09	22.97	22.97	23.20
		75	0	23.08	23.00	22.94	23.20
	16QAM	1	0	22.90	22.92	22.97	23.20
		1	38	22.96	23.06	22.98	23.20
		1	74	23.12	23.15	23.05	23.20
		36	0	22.01	21.94	21.83	22.20
		36	18	22.04	21.92	21.85	22.20
		36	39	22.07	21.95	21.94	22.20
		75	0	22.10	21.99	21.93	22.20
	64QAM	1	0	22.04	22.04	21.83	22.20
		1	38	22.07	22.09	21.97	22.20
		1	74	22.05	22.03	22.09	22.20
		36	0	21.02	20.94	20.85	21.20
		36	18	21.06	20.95	20.87	21.20
		36	39	21.10	20.99	20.99	21.20
		75	0	21.07	20.96	20.91	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.88	23.70	23.53	24.20
		1	50	24.08	23.96	23.40	24.20
		1	99	24.17	23.84	23.93	24.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 46 of 960

		50	0	23.03	22.97	22.87	23.20
		50	25	23.09	22.97	22.90	23.20
		50	50	23.09	22.96	22.97	23.20
		100	0	23.06	22.95	22.93	23.20
	16QAM	1	0	22.89	22.86	22.95	23.20
		1	50	23.01	23.08	22.95	23.20
		1	99	23.00	23.05	22.95	23.20
		50	0	22.01	21.95	21.89	22.20
		50	25	22.05	22.00	21.88	22.20
		50	50	22.11	21.99	21.97	22.20
		100	0	22.06	21.94	21.93	22.20
	64QAM	1	0	22.06	21.98	21.46	22.20
		1	50	21.72	22.16	21.96	22.20
		1	99	22.03	22.05	22.13	22.20
		50	0	21.02	20.93	20.85	21.20
		50	25	21.06	20.96	20.87	21.20
		50	50	21.13	20.97	20.97	21.20
		100	0	21.05	20.97	20.90	21.20

LTE Band 66 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.71	21.87	21.80	22.20
		1	2	22.01	21.92	21.82	22.20
		1	5	22.06	22.05	22.05	22.20
		3	0	21.97	21.95	21.91	22.20
		3	1	22.10	22.02	21.74	22.20
		3	3	22.03	21.95	22.07	22.20
		6	0	22.16	21.91	22.01	22.20
	16QAM	1	0	22.01	21.96	22.00	22.20
		1	2	22.07	22.07	22.01	22.20
		1	5	21.98	21.67	22.05	22.20
		3	0	22.06	22.04	21.94	22.20
		3	1	22.01	21.91	21.82	22.20
		3	3	22.02	21.94	22.04	22.20
		6	0	22.12	21.87	21.82	22.20
	64QAM	1	0	21.91	21.80	21.42	22.20
		1	2	21.66	21.85	21.70	22.20
		1	5	22.20	22.06	22.05	22.20
		3	0	21.02	21.02	20.85	22.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 47 of 960

		3	1	21.14	20.94	20.92	22.20
		3	3	21.06	21.06	21.00	22.20
		6	0	21.01	20.99	20.84	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.62	21.89	21.82	22.20
		1	7	22.09	21.98	21.82	22.20
		1	14	22.17	22.04	22.06	22.20
		8	0	21.95	22.06	21.88	22.20
		8	4	22.03	22.05	21.77	22.20
		8	7	22.10	22.00	21.97	22.20
		15	0	22.06	22.07	22.07	22.20
	16QAM	1	0	21.88	21.92	22.01	22.20
		1	7	21.97	22.11	22.15	22.20
		1	14	22.14	21.69	21.94	22.20
		8	0	22.12	22.03	21.87	22.20
		8	4	22.19	21.98	21.97	22.20
		8	7	22.07	22.06	21.98	22.20
		15	0	22.09	21.97	21.84	22.20
	64QAM	1	0	22.10	21.85	21.42	22.20
		1	7	21.54	21.92	21.55	22.20
		1	14	22.10	21.92	22.08	22.20
		8	0	20.94	20.93	20.84	21.20
		8	4	21.09	20.92	20.92	21.20
		8	7	21.15	20.96	21.06	21.20
		15	0	21.09	20.94	21.02	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.77	22.07	21.66	22.20
		1	13	22.03	22.05	21.71	22.20
		1	24	22.14	21.92	22.11	22.20
		12	0	22.08	22.06	21.87	22.20
		12	6	21.98	21.94	21.87	22.20
		12	13	22.08	22.11	22.03	22.20
		25	0	22.12	22.03	22.04	22.20
	16QAM	1	0	21.97	21.98	22.00	22.20
		1	13	22.04	22.05	22.15	22.20
		1	24	22.12	21.58	22.01	22.20
		12	0	21.96	22.07	21.80	22.20
		12	6	22.19	21.89	21.91	22.20
		12	13	22.09	22.08	22.09	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 49 of 960

		1	38	22.04	22.16	22.05	22.20	
		1	74	22.07	21.76	21.93	22.20	
		36	0	22.12	22.00	21.91	22.20	
		36	18	22.08	22.05	21.97	22.20	
		36	39	22.15	22.10	22.08	22.20	
		75	0	22.14	22.06	21.98	22.20	
		64QAM	1	0	22.00	21.81	21.45	22.20
			1	38	21.54	21.82	21.56	22.20
			1	74	22.03	21.89	22.10	22.20
			36	0	21.01	20.97	20.80	21.20
			36	18	20.97	20.96	20.90	21.20
			36	39	21.04	20.99	20.93	21.20
	75	0	20.99	20.91	20.96	21.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	21.70	21.97	21.75	22.20	
		1	50	22.05	21.96	21.73	22.20	
		1	99	22.08	21.96	22.06	22.20	
		50	0	22.05	22.00	21.86	22.20	
		50	25	22.08	21.99	21.81	22.20	
		50	50	22.12	22.03	22.01	22.20	
		100	0	22.10	21.98	21.97	22.20	
	16QAM	1	0	21.98	22.02	22.04	22.20	
		1	50	22.00	22.10	22.06	22.20	
		1	99	22.06	21.66	22.02	22.20	
		50	0	22.04	22.00	21.89	22.20	
		50	25	22.09	21.97	21.89	22.20	
		50	50	22.12	22.00	22.00	22.20	
		100	0	22.06	21.97	21.91	22.20	
	64QAM	1	0	22.01	21.75	21.49	22.20	
		1	50	21.64	21.88	21.62	22.20	
		1	99	22.13	21.96	22.12	22.20	
		50	0	21.03	20.94	20.89	21.20	
		50	25	21.07	20.98	20.89	21.20	
		50	50	21.12	21.00	20.99	21.20	
		100	0	21.06	21.00	20.94	21.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 50 of 960

LTE Band 66 DSI3/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.73	20.90	20.71	21.20
		1	2	21.14	21.02	20.79	21.20
		1	5	21.07	20.92	20.97	21.20
		3	0	21.15	21.04	20.96	21.20
		3	1	21.09	21.10	20.91	21.20
		3	3	21.17	21.11	21.04	21.20
		6	0	21.08	21.10	21.01	21.20
	16QAM	1	0	21.03	21.07	20.99	21.20
		1	2	21.00	21.02	21.02	21.20
		1	5	20.97	21.08	20.94	21.20
		3	0	21.05	21.01	20.92	21.20
		3	1	21.16	20.93	20.94	21.20
		3	3	21.19	21.04	21.00	21.20
		6	0	20.99	21.00	21.01	21.20
	64QAM	1	0	21.01	21.09	20.79	21.20
		1	2	20.93	21.12	20.65	21.20
		1	5	21.04	21.01	20.80	21.20
		3	0	21.08	20.99	20.93	21.20
		3	1	21.18	20.91	20.87	21.20
		3	3	21.05	21.08	20.97	21.20
		6	0	21.05	21.03	21.03	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.62	20.92	20.74	21.20
		1	7	21.19	20.90	20.61	21.20
		1	14	21.02	20.91	21.06	21.20
		8	0	21.00	20.98	20.89	21.20
		8	4	20.99	21.10	21.02	21.20
		8	7	21.13	21.13	21.09	21.20
		15	0	21.11	21.00	21.00	21.20
	16QAM	1	0	21.01	21.09	20.98	21.20
		1	7	21.06	21.17	21.04	21.20
		1	14	21.05	21.02	21.06	21.20
		8	0	21.08	21.04	20.94	21.20
		8	4	21.12	21.02	20.99	21.20
8		7	21.18	21.08	21.02	21.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 52 of 960

		1	25	21.04	21.02	21.13	21.20	
		1	49	21.02	20.95	21.00	21.20	
		25	0	21.01	20.97	20.90	21.20	
		25	13	21.18	20.94	20.86	21.20	
		25	25	21.11	21.01	21.01	21.20	
		50	0	21.13	21.07	20.91	21.20	
	64QAM	1	0	20.91	21.03	20.77	21.20	
		1	25	20.98	21.11	20.64	21.20	
		1	49	21.07	20.98	20.88	21.20	
		25	0	21.09	20.90	20.92	21.20	
		25	13	21.09	20.94	21.00	21.20	
		25	25	21.20	21.08	21.08	21.20	
	50	0	21.15	21.02	20.97	21.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	20.62	20.95	20.70	21.20	
		1	38	21.11	20.98	20.73	21.20	
		1	74	21.10	21.02	21.14	21.20	
		36	0	21.10	21.08	20.81	21.20	
		36	18	21.06	21.01	20.97	21.20	
		36	39	21.10	21.06	20.99	21.20	
		75	0	21.05	21.04	20.97	21.20	
	16QAM	1	0	21.08	21.19	21.05	21.20	
		1	38	21.13	21.12	20.99	21.20	
		1	74	21.06	20.99	20.99	21.20	
		36	0	20.99	21.01	20.80	21.20	
		36	18	21.09	21.07	20.93	21.20	
		36	39	21.15	21.09	21.00	21.20	
		75	0	21.06	21.08	20.98	21.20	
	64QAM	1	0	20.89	20.66	20.67	21.20	
		1	38	20.88	21.16	20.73	21.20	
		1	74	21.18	20.85	20.88	21.20	
		36	0	21.10	20.97	20.79	21.20	
		36	18	21.20	21.07	20.88	21.20	
		36	39	21.05	20.98	20.93	21.20	
		75	0	21.06	20.94	20.92	21.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	20.70	20.98	20.78	21.20
1			50	21.12	20.98	20.71	21.20	
1			99	21.10	21.00	21.05	21.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 53 of 960

		50	0	21.06	21.01	20.89	21.20
		50	25	21.11	21.01	20.95	21.20
		50	50	21.15	21.04	21.01	21.20
		100	0	21.11	21.01	20.96	21.20
	16QAM	1	0	21.00	21.10	21.08	21.20
		1	50	21.05	21.18	21.03	21.20
		1	99	21.01	21.05	21.02	21.20
		50	0	21.02	20.98	20.90	21.20
		50	25	21.09	20.99	20.95	21.20
		50	50	21.14	21.01	21.00	21.20
		100	0	21.04	20.98	20.95	21.20
	64QAM	1	0	20.98	21.17	20.77	21.20
		1	50	20.94	21.14	20.68	21.20
		1	99	21.13	20.91	20.86	21.20
		50	0	21.04	20.96	20.87	21.20
		50	25	21.10	20.97	20.91	21.20
		50	50	21.12	21.04	21.00	21.20
		100	0	21.10	20.98	20.94	21.20

LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.95	18.98	18.60	19.20
		1	2	19.09	18.95	18.93	19.20
		1	5	19.09	18.83	19.04	19.20
		3	0	18.91	18.80	18.98	19.20
		3	1	19.11	18.88	18.67	19.20
		3	3	19.11	19.10	18.87	19.20
		6	0	18.89	19.07	19.03	19.20
	16QAM	1	0	19.06	19.13	19.13	19.20
		1	2	19.10	19.00	18.68	19.20
		1	5	19.14	19.16	19.10	19.20
		3	0	18.92	19.06	18.87	19.20
		3	1	19.17	18.94	18.80	19.20
		3	3	18.97	19.05	18.82	19.20
		6	0	18.91	18.85	18.97	19.20
	64QAM	1	0	19.12	18.90	18.67	19.20
		1	2	19.06	19.10	19.17	19.20
		1	5	19.17	18.93	18.57	19.20
		3	0	19.12	18.96	18.79	19.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 54 of 960

		3	1	18.93	19.02	18.89	19.20
		3	3	19.03	18.89	18.86	19.20
		6	0	19.09	18.96	18.92	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.87	18.92	18.89	19.20
		1	7	19.08	18.87	18.78	19.20
		1	14	19.08	19.02	19.12	19.20
		8	0	19.00	19.02	18.87	19.20
		8	4	19.06	18.86	18.61	19.20
		8	7	19.16	18.98	19.06	19.20
		15	0	19.07	19.12	18.91	19.20
	16QAM	1	0	19.10	19.05	18.94	19.20
		1	7	19.16	19.08	18.90	19.20
		1	14	19.13	18.97	18.90	19.20
		8	0	18.85	18.92	18.74	19.20
		8	4	19.00	18.83	18.89	19.20
		8	7	19.00	19.09	19.01	19.20
		15	0	19.05	18.91	18.92	19.20
	64QAM	1	0	19.13	19.01	18.63	19.20
		1	7	19.15	19.09	18.90	19.20
		1	14	19.15	18.97	18.69	19.20
		8	0	19.03	19.03	18.80	19.20
		8	4	19.06	18.96	18.74	19.20
		8	7	19.02	18.99	18.83	19.20
		15	0	18.96	18.99	18.69	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.83	18.95	18.86	19.20
		1	13	18.90	18.76	18.74	19.20
		1	24	19.07	18.92	19.12	19.20
		12	0	18.95	19.06	18.80	19.20
		12	6	19.19	18.93	18.85	19.20
		12	13	19.07	18.98	19.08	19.20
		25	0	18.94	19.01	18.88	19.20
	16QAM	1	0	19.10	19.20	18.95	19.20
		1	13	19.11	19.20	18.80	19.20
		1	24	19.02	19.03	19.10	19.20
		12	0	18.90	19.03	18.93	19.20
		12	6	19.08	18.84	18.77	19.20
		12	13	18.94	19.04	19.12	19.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 56 of 960

		1	38	19.14	19.11	18.69	19.20	
		1	74	19.10	19.11	19.04	19.20	
		36	0	19.09	18.80	18.83	19.20	
		36	18	19.01	19.10	18.69	19.20	
		36	39	19.20	19.12	18.98	19.20	
		75	0	19.03	18.89	18.72	19.20	
		64QAM	1	0	19.17	19.11	18.86	19.20
			1	38	19.18	19.12	19.03	19.20
			1	74	19.20	19.00	18.63	19.20
			36	0	19.06	18.94	18.76	19.20
			36	18	19.14	18.83	18.84	19.20
			36	39	19.06	18.85	18.90	19.20
	75	0	19.00	18.81	18.71	19.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	18.94	18.91	18.74	19.20	
		1	50	19.02	18.90	18.83	19.20	
		1	99	19.03	18.95	19.00	19.20	
		50	0	18.99	18.94	18.83	19.20	
		50	25	19.05	18.96	18.75	19.20	
		50	50	19.07	18.99	18.93	19.20	
		100	0	19.01	18.97	18.88	19.20	
	16QAM	1	0	19.16	19.10	19.05	19.20	
		1	50	19.11	19.13	18.83	19.20	
		1	99	19.13	19.03	19.01	19.20	
		50	0	18.98	18.95	18.84	19.20	
		50	25	19.04	18.95	18.83	19.20	
		50	50	19.08	18.97	18.97	19.20	
		100	0	19.04	18.90	18.85	19.20	
	64QAM	1	0	19.13	19.05	18.71	19.20	
		1	50	19.19	19.10	19.02	19.20	
		1	99	19.06	19.04	18.67	19.20	
		50	0	18.99	18.89	18.81	19.20	
		50	25	19.06	18.92	18.81	19.20	
		50	50	19.06	18.95	18.92	19.20	
		100	0	19.03	18.93	18.83	19.20	

LTE Band 38 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 57 of 960

5MHz	QPSK	1	0	23.60	23.78	23.66	24.70
		1	13	23.86	23.71	23.59	24.70
		1	24	23.84	23.71	23.64	24.70
		12	0	22.87	22.76	22.72	23.70
		12	6	22.84	22.74	22.70	23.70
		12	13	22.85	22.75	22.69	23.70
		25	0	22.87	22.80	22.73	23.70
	16QAM	1	0	22.94	22.97	22.86	23.70
		1	13	22.99	22.91	22.75	23.70
		1	24	22.97	22.91	22.76	23.70
		12	0	21.52	21.81	21.74	22.70
		12	6	21.49	21.78	21.76	22.70
		12	13	21.51	21.80	21.74	22.70
		25	0	21.69	21.84	21.69	22.70
	64QAM	1	0	21.80	21.76	21.65	22.70
		1	13	21.74	21.69	21.59	22.70
		1	24	21.78	21.70	21.62	22.70
		12	0	20.94	20.84	20.78	21.70
		12	6	20.91	20.79	20.77	21.70
		12	13	20.89	20.81	20.76	21.70
		25	0	20.91	20.85	20.78	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.95	23.84	23.73	24.70
		1	25	23.87	23.71	23.62	24.70
		1	49	23.90	23.72	23.66	24.70
		25	0	22.86	22.78	22.74	23.70
		25	13	22.83	22.76	22.70	23.70
		25	25	22.82	22.75	22.72	23.70
		50	0	22.84	22.79	22.73	23.70
	16QAM	1	0	23.05	23.05	22.92	23.70
		1	25	22.98	22.94	22.86	23.70
		1	49	23.03	22.92	22.89	23.70
		25	0	21.89	21.82	21.77	22.70
		25	13	21.84	21.78	21.73	22.70
		25	25	21.86	21.78	21.75	22.70
		50	0	21.88	21.84	21.78	22.70
	64QAM	1	0	21.85	21.82	21.72	22.70
		1	25	21.74	21.71	21.62	22.70
		1	49	21.78	21.69	21.64	22.70
25		0	20.93	20.85	20.81	21.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 58 of 960

		25	13	20.87	20.82	20.75	21.70
		25	25	20.89	20.81	20.78	21.70
		50	0	20.85	20.80	20.74	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.95	23.80	23.74	24.70
		1	38	23.90	23.75	23.68	24.70
		1	74	23.85	23.70	23.67	24.70
		36	0	22.88	22.77	22.76	23.70
		36	18	22.82	22.73	22.70	23.70
		36	39	22.83	22.74	22.70	23.70
		75	0	22.84	22.78	22.76	23.70
	16QAM	1	0	23.09	22.77	22.95	23.70
		1	38	23.05	22.73	22.89	23.70
		1	74	22.99	22.67	22.87	23.70
		36	0	21.86	21.78	21.76	22.70
		36	18	21.80	21.74	21.71	22.70
		36	39	21.83	21.74	21.70	22.70
		75	0	21.88	21.83	21.80	22.70
	64QAM	1	0	21.86	21.79	21.73	22.70
		1	38	21.81	21.73	21.66	22.70
		1	74	21.77	21.70	21.65	22.70
		36	0	20.89	20.80	20.77	21.70
		36	18	20.79	20.75	20.70	21.70
		36	39	20.84	20.75	20.71	21.70
		75	0	20.88	20.82	20.79	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.95	23.84	23.76	24.70
		1	50	23.78	23.76	23.72	24.70
		1	99	23.88	23.66	23.66	24.70
		50	0	22.93	22.85	22.82	23.70
		50	25	22.89	22.84	22.80	23.70
		50	50	22.86	22.79	22.78	23.70
		100	0	22.90	22.80	22.79	23.70
	16QAM	1	0	22.98	22.80	22.75	23.70
		1	50	23.06	22.75	22.71	23.70
		1	99	22.69	22.64	22.67	23.70
		50	0	21.96	21.88	21.86	22.70
		50	25	21.91	21.88	21.84	22.70
		50	50	21.87	21.81	21.80	22.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 59 of 960

		100	0	21.92	21.84	21.81	22.70
	64QAM	1	0	21.86	21.82	21.73	22.70
		1	50	21.84	21.77	21.72	22.70
		1	99	21.77	21.66	21.64	22.70
		50	0	20.93	20.86	20.84	21.70
		50	25	20.88	20.85	20.80	21.70
		50	50	20.86	20.79	20.77	21.70
		100	0	20.92	20.82	20.80	21.70

LTE Band 38 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.91	20.90	20.78	21.70
		1	13	20.87	20.84	20.72	21.70
		1	24	20.90	20.86	20.77	21.70
		12	0	20.87	20.79	20.73	21.70
		12	6	20.84	20.74	20.73	21.70
		12	13	20.83	20.78	20.71	21.70
		25	0	20.88	20.82	20.77	21.70
	16QAM	1	0	21.03	20.53	20.55	21.70
		1	13	21.07	20.47	20.49	21.70
		1	24	20.98	20.50	20.54	21.70
		12	0	20.92	20.83	20.77	21.70
		12	6	20.91	20.81	20.75	21.70
		12	13	20.89	20.82	20.77	21.70
		25	0	20.90	20.85	20.79	21.70
	64QAM	1	0	20.85	20.80	20.71	21.70
		1	13	20.80	20.76	20.66	21.70
		1	24	20.83	20.75	20.69	21.70
		12	0	20.93	20.88	20.81	21.70
		12	6	20.90	20.84	20.79	21.70
		12	13	20.90	20.86	20.79	21.70
		25	0	20.92	20.89	20.82	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.99	20.96	20.85	21.70
		1	25	20.89	20.85	20.76	21.70
		1	49	20.94	20.84	20.79	21.70
		25	0	20.87	20.81	20.77	21.70
		25	13	20.81	20.77	20.72	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 60 of 960

		25	25	20.82	20.77	20.75	21.70
		50	0	20.86	20.81	20.75	21.70
	16QAM	1	0	21.02	20.98	21.02	21.70
		1	25	21.08	21.02	20.95	21.70
		1	49	20.97	21.01	20.97	21.70
		25	0	20.88	20.84	20.80	21.70
		25	13	20.84	20.79	20.72	21.70
		25	25	20.85	20.80	20.77	21.70
		50	0	20.89	20.86	20.78	21.70
		1	0	20.90	20.85	20.77	21.70
	64QAM	1	25	20.80	20.79	20.67	21.70
		1	49	20.84	20.74	20.71	21.70
		25	0	20.95	20.88	20.83	21.70
		25	13	20.88	20.84	20.78	21.70
		25	25	20.90	20.83	20.81	21.70
		50	0	20.86	20.81	20.76	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.02	20.93	20.88	21.70
		1	38	20.96	20.89	20.80	21.70
		1	74	20.92	20.86	20.79	21.70
		36	0	20.89	20.80	20.77	21.70
		36	18	20.83	20.75	20.72	21.70
		36	39	20.85	20.77	20.71	21.70
		75	0	20.86	20.79	20.79	21.70
		1	0	21.12	21.10	21.04	21.70
	16QAM	1	38	21.10	21.08	20.97	21.70
		1	74	21.09	21.01	20.96	21.70
		36	0	20.87	20.79	20.78	21.70
		36	18	20.80	20.75	20.71	21.70
		36	39	20.84	20.77	20.71	21.70
		75	0	20.91	20.85	20.81	21.70
		1	0	20.90	20.83	20.79	21.70
		1	38	20.85	20.81	20.72	21.70
	64QAM	1	74	20.82	20.75	20.70	21.70
		36	0	20.90	20.82	20.79	21.70
		36	18	20.82	20.78	20.73	21.70
		36	39	20.84	20.77	20.73	21.70
		75	0	20.90	20.84	20.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 63 of 960

		36	0	20.56	20.28	20.41	21.20
		36	18	20.38	20.41	20.29	21.20
		36	39	20.48	20.38	20.34	21.20
		75	0	20.36	20.23	20.43	21.20
	64QAM	1	0	20.45	20.43	20.30	21.20
		1	38	20.46	20.24	20.25	21.20
		1	74	20.39	20.28	20.10	21.20
		36	0	20.39	20.31	20.42	21.20
		36	18	20.31	20.27	20.41	21.20
		36	39	20.45	20.34	20.31	21.20
		75	0	20.45	20.26	20.34	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.41	20.48	20.40	21.20
		1	50	20.48	20.43	20.35	21.20
		1	99	20.43	20.32	20.29	21.20
		50	0	20.41	20.32	20.32	21.20
		50	25	20.36	20.35	20.30	21.20
		50	50	20.35	20.28	20.28	21.20
		100	0	20.40	20.31	20.31	21.20
	16QAM	1	0	20.68	20.63	20.56	21.20
		1	50	20.65	20.59	20.35	21.20
		1	99	20.60	20.50	20.48	21.20
		50	0	20.46	20.35	20.37	21.20
		50	25	20.41	20.37	20.33	21.20
		50	50	20.39	20.31	20.30	21.20
		100	0	20.42	20.32	20.33	21.20
	64QAM	1	0	20.41	20.37	20.28	21.20
		1	50	20.37	20.33	20.25	21.20
		1	99	20.32	20.23	20.20	21.20
		50	0	20.42	20.36	20.34	21.20
		50	25	20.37	20.36	20.31	21.20
		50	50	20.36	20.28	20.28	21.20
		100	0	20.40	20.33	20.32	21.20

LTE Band 38 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.41	19.43	19.28	20.20
		1	13	19.49	19.38	19.32	20.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 64 of 960

		1	24	19.33	19.27	19.24	20.20
		12	0	19.35	19.39	19.38	20.20
		12	6	19.28	19.29	19.36	20.20
		12	13	19.34	19.34	19.30	20.20
		25	0	19.30	19.24	19.32	20.20
	16QAM	1	0	19.70	19.49	19.63	20.20
		1	13	19.63	19.46	19.41	20.20
		1	24	19.67	19.40	19.54	20.20
		12	0	19.34	19.25	19.29	20.20
		12	6	19.29	19.31	19.36	20.20
		12	13	19.41	19.36	19.33	20.20
		25	0	19.30	19.42	19.40	20.20
	64QAM	1	0	19.28	19.41	19.26	20.20
		1	13	19.29	19.37	19.12	20.20
		1	24	19.37	19.26	19.22	20.20
		12	0	19.33	19.23	19.39	20.20
		12	6	19.33	19.28	19.26	20.20
		12	13	19.36	19.25	19.18	20.20
		25	0	19.40	19.29	19.40	20.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					37800	38000	38200
	10MHz	QPSK	1	0	19.37	19.48	19.33
			1	25	19.43	19.43	19.33
			1	49	19.43	19.36	19.35
			25	0	19.41	19.35	19.37
			25	13	19.42	19.30	19.38
			25	25	19.40	19.36	19.34
			50	0	19.39	19.26	19.38
		16QAM	1	0	19.68	19.61	19.57
			1	25	19.64	19.65	19.57
			1	49	19.58	19.57	19.50
			25	0	19.41	19.27	19.35
			25	13	19.47	19.35	19.30
			25	25	19.26	19.22	19.22
			50	0	19.38	19.39	19.34
		64QAM	1	0	19.26	19.23	19.28
			1	25	19.28	19.19	19.25
			1	49	19.34	19.08	19.16
			25	0	19.38	19.38	19.35
			25	13	19.30	19.29	19.28
			25	25	19.32	19.30	19.32
			25	25	19.32	19.30	19.32



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 65 of 960

Bandwidth	Modulation	50	0	19.38	19.28	19.21	20.20
		RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.30	19.41	19.29	20.20
		1	38	19.52	19.34	19.33	20.20
		1	74	19.34	19.29	19.24	20.20
		36	0	19.47	19.38	19.36	20.20
		36	18	19.38	19.42	19.24	20.20
		36	39	19.34	19.34	19.24	20.20
		75	0	19.32	19.39	19.21	20.20
	16QAM	1	0	19.69	19.66	19.55	20.20
		1	38	19.56	19.58	19.47	20.20
		1	74	19.53	19.44	19.56	20.20
		36	0	19.31	19.41	19.30	20.20
		36	18	19.35	19.34	19.37	20.20
		36	39	19.39	19.40	19.31	20.20
		75	0	19.33	19.27	19.26	20.20
	64QAM	1	0	19.43	19.43	19.30	20.20
		1	38	19.44	19.24	19.17	20.20
		1	74	19.19	19.27	19.30	20.20
		36	0	19.45	19.36	19.34	20.20
		36	18	19.39	19.34	19.24	20.20
		36	39	19.28	19.22	19.23	20.20
		75	0	19.29	19.31	19.30	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.40	19.44	19.38	20.20
		1	50	19.44	19.38	19.30	20.20
		1	99	19.40	19.29	19.30	20.20
		50	0	19.40	19.34	19.32	20.20
		50	25	19.36	19.37	19.32	20.20
		50	50	19.34	19.28	19.25	20.20
		100	0	19.38	19.32	19.31	20.20
	16QAM	1	0	19.66	19.59	19.57	20.20
		1	50	19.61	19.56	19.47	20.20
		1	99	19.60	19.47	19.49	20.20
		50	0	19.40	19.35	19.33	20.20
		50	25	19.37	19.37	19.32	20.20
		50	50	19.35	19.30	19.27	20.20
		100	0	19.38	19.32	19.32	20.20
	64QAM	1	0	19.36	19.33	19.28	20.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 66 of 960

		1	50	19.35	19.29	19.20	20.20
		1	99	19.29	19.18	19.20	20.20
		50	0	19.37	19.32	19.30	20.20
		50	25	19.35	19.34	19.28	20.20
		50	50	19.31	19.27	19.25	20.20
		100	0	19.37	19.30	19.30	20.20

LTE Band 38 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.28	18.49	18.35	19.20
		1	13	18.38	18.45	18.24	19.20
		1	24	18.40	18.24	18.27	19.20
		12	0	18.35	18.43	18.38	19.20
		12	6	18.45	18.38	18.22	19.20
		12	13	18.39	18.26	18.36	19.20
		25	0	18.33	18.26	18.41	19.20
	16QAM	1	0	18.55	18.62	18.59	19.20
		1	13	18.59	18.48	18.40	19.20
		1	24	18.61	18.27	18.35	19.20
		12	0	18.37	18.27	18.39	19.20
		12	6	18.42	18.40	18.38	19.20
		12	13	18.32	18.37	18.33	19.20
		25	0	18.33	18.35	18.34	19.20
	64QAM	1	0	18.40	18.26	18.20	19.20
		1	13	18.36	18.39	18.23	19.20
		1	24	18.33	18.22	18.18	19.20
		12	0	18.37	18.28	18.22	19.20
		12	6	18.39	18.30	18.32	19.20
		12	13	18.23	18.32	18.24	19.20
		25	0	18.39	18.25	18.22	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.29	18.43	18.33	19.20
		1	25	18.49	18.31	18.29	19.20
		1	49	18.45	18.24	18.25	19.20
		25	0	18.38	18.38	18.33	19.20
		25	13	18.35	18.38	18.36	19.20
		25	25	18.33	18.20	18.16	19.20
		50	0	18.37	18.30	18.23	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 67 of 960

	16QAM	1	0	18.66	18.67	18.60	19.20
		1	25	18.68	18.37	18.33	19.20
		1	49	18.48	18.36	18.44	19.20
		25	0	18.43	18.25	18.39	19.20
		25	13	18.35	18.34	18.27	19.20
		25	25	18.27	18.31	18.36	19.20
		50	0	18.38	18.29	18.35	19.20
	64QAM	1	0	18.45	18.38	18.35	19.20
		1	25	18.29	18.26	18.25	19.20
		1	49	18.38	18.15	18.09	19.20
		25	0	18.36	18.32	18.20	19.20
		25	13	18.44	18.31	18.28	19.20
		25	25	18.24	18.36	18.19	19.20
		50	0	18.34	18.28	18.26	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.28	18.48	18.41	19.20
		1	38	18.42	18.44	18.27	19.20
		1	74	18.27	18.28	18.16	19.20
		36	0	18.42	18.44	18.31	19.20
		36	18	18.44	18.35	18.33	19.20
		36	39	18.37	18.26	18.23	19.20
		75	0	18.36	18.29	18.30	19.20
	16QAM	1	0	18.68	18.66	18.65	19.20
		1	38	18.59	18.36	18.43	19.20
		1	74	18.62	18.33	18.35	19.20
		36	0	18.50	18.43	18.44	19.20
		36	18	18.48	18.30	18.35	19.20
		36	39	18.31	18.20	18.26	19.20
		75	0	18.36	18.38	18.24	19.20
	64QAM	1	0	18.32	18.44	18.36	19.20
		1	38	18.30	18.39	18.21	19.20
		1	74	18.23	18.22	18.29	19.20
		36	0	18.44	18.41	18.33	19.20
		36	18	18.31	18.33	18.37	19.20
		36	39	18.31	18.34	18.24	19.20
		75	0	18.38	18.20	18.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.36	18.40	18.35	19.20
		1	50	18.39	18.37	18.28	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 68 of 960

		1	99	18.36	18.25	18.26	19.20
		50	0	18.40	18.35	18.33	19.20
		50	25	18.35	18.34	18.30	19.20
		50	50	18.34	18.30	18.26	19.20
		100	0	18.38	18.30	18.31	19.20
	16QAM	1	0	18.63	18.63	18.56	19.20
		1	50	18.58	18.40	18.41	19.20
		1	99	18.54	18.31	18.36	19.20
		50	0	18.41	18.35	18.34	19.20
		50	25	18.38	18.37	18.33	19.20
		50	50	18.35	18.30	18.26	19.20
		100	0	18.39	18.33	18.32	19.20
	64QAM	1	0	18.37	18.35	18.29	19.20
		1	50	18.36	18.31	18.26	19.20
		1	99	18.33	18.21	18.19	19.20
		50	0	18.38	18.31	18.30	19.20
		50	25	18.34	18.33	18.29	19.20
		50	50	18.31	18.27	18.25	19.20
		100	0	18.37	18.29	18.28	19.20

LTE Band 41 2496 - 2690 DS14				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.64	23.73	23.61	23.79	23.62	24.70
		1	13	23.65	23.74	23.55	23.81	23.66	24.70
		1	24	23.62	23.73	23.58	23.67	23.54	24.70
		12	0	22.62	22.74	22.7	22.76	22.81	23.70
		12	6	22.59	22.76	22.69	22.83	22.72	23.70
		12	13	22.6	22.78	22.67	22.85	22.66	23.70
		25	0	22.62	22.78	22.71	22.79	22.76	23.70
	16QAM	1	0	22.71	22.82	22.67	22.66	22.74	23.70
		1	13	22.66	22.82	22.57	22.82	22.87	23.70
		1	24	22.68	22.79	22.59	22.78	22.86	23.70
		12	0	21.62	21.79	21.75	21.95	21.77	22.70
		12	6	21.52	21.77	21.72	21.76	21.68	22.70
		12	13	21.5	21.82	21.73	21.91	21.85	22.70
		25	0	21.59	21.81	21.76	21.8	21.73	22.70
	64QAM	1	0	21.51	21.7	21.61	21.82	21.67	22.70
		1	13	21.48	21.7	21.57	21.71	21.73	22.70
		1	24	21.49	21.71	21.59	21.66	21.61	22.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 69 of 960

		12	0	20.65	20.83	20.79	20.86	20.74	21.70	
		12	6	20.62	20.82	20.75	20.84	20.68	21.70	
		12	13	20.63	20.85	20.75	20.83	20.74	21.70	
		25	0	20.63	20.84	20.75	20.73	20.79	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	0	23.61	23.79	23.68	23.83	23.71	24.70	
		1	25	23.56	23.74	23.55	23.76	23.59	24.70	
		1	49	23.64	23.69	23.54	23.63	23.46	24.70	
		25	0	22.58	22.76	22.68	22.91	22.71	23.70	
		25	13	22.55	22.75	22.69	22.89	22.72	23.70	
		25	25	22.57	22.76	22.66	22.89	22.66	23.70	
		50	0	22.58	22.77	22.71	22.8	22.61	23.70	
	16QAM	1	0	22.59	22.67	22.9	22.78	22.69	23.70	
		1	25	22.57	22.96	22.79	22.8	22.88	23.70	
		1	49	22.5	22.61	22.82	22.67	22.88	23.70	
		25	0	21.62	21.8	21.73	21.88	21.86	22.70	
		25	13	21.33	21.77	21.72	21.96	21.69	22.70	
		25	25	21.56	21.8	21.7	21.91	21.72	22.70	
		50	0	21.62	21.83	21.77	21.74	21.83	22.70	
	64QAM	1	0	21.54	21.77	21.66	21.73	21.6	22.70	
		1	25	21.49	21.73	21.56	21.86	21.67	22.70	
		1	49	21.47	21.68	21.59	21.75	21.6	22.70	
		25	0	20.61	20.84	20.77	20.78	20.83	21.70	
		25	13	20.59	20.8	20.74	20.82	20.82	21.70	
		25	25	20.59	20.83	20.73	20.85	20.73	21.70	
		50	0	20.56	20.79	20.74	20.85	20.75	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	23.65	23.77	23.66	23.86	23.67	24.70
1			38	23.63	23.76	23.6	23.69	23.54	24.70	
1			74	23.66	23.72	23.55	23.79	23.46	24.70	
36			0	22.61	22.78	22.73	22.72	22.81	23.70	
36			18	22.56	22.75	22.67	22.81	22.72	23.70	
36			39	22.57	22.76	22.68	22.88	22.81	23.70	
75			0	22.6	22.79	22.71	22.78	22.68	23.70	
16QAM		1	0	22.63	22.73	22.87	22.84	22.67	23.70	
		1	38	22.58	22.73	22.84	22.8	22.84	23.70	
		1	74	22.58	22.68	22.81	22.63	22.82	23.70	
		36	0	21.59	21.79	21.75	21.81	21.7	22.70	
	36	18	21.56	21.74	21.69	21.92	21.87	22.70		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 70 of 960

		36	39	21.57	21.75	21.68	21.82	21.67	22.70
		75	0	21.63	21.83	21.75	21.79	21.81	22.70
	64QAM	1	0	21.56	21.77	21.68	21.77	21.68	22.70
		1	38	21.5	21.76	21.59	21.82	21.73	22.70
		1	74	21.5	21.71	21.58	21.62	21.48	22.70
		36	0	20.59	20.82	20.76	20.91	20.88	21.70
		36	18	20.56	20.76	20.69	20.82	20.71	21.70
		36	39	20.58	20.78	20.7	20.85	20.82	21.70
		75	0	20.62	20.85	20.75	20.88	20.77	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.66	23.78	23.7	23.87	23.61	24.70
		1	50	23.68	23.78	23.62	23.86	23.6	24.70
		1	99	23.58	23.73	23.56	23.71	23.53	24.70
		50	0	22.66	22.82	22.76	22.84	22.73	23.70
		50	25	22.66	22.82	22.74	22.88	22.67	23.70
		50	50	22.62	22.81	22.71	22.8	22.73	23.70
		100	0	22.64	22.8	22.71	22.73	22.8	23.70
	16QAM	1	0	22.74	22.75	22.7	22.75	22.66	23.70
		1	50	22.66	22.77	22.86	22.84	22.87	23.70
		1	99	22.57	22.7	22.78	22.67	22.72	23.70
		50	0	21.64	21.86	21.8	21.94	21.81	22.70
		50	25	21.67	21.86	21.78	21.87	21.85	22.70
		50	50	21.56	21.85	21.76	21.76	21.81	22.70
		100	0	21.65	21.84	21.77	21.81	21.75	22.70
	64QAM	1	0	21.56	21.75	21.69	21.66	21.67	22.70
		1	50	21.51	21.78	21.65	21.7	21.68	22.70
		1	99	21.44	21.72	21.55	21.8	21.47	22.70
		50	0	20.65	20.83	20.8	20.81	20.79	21.70
		50	25	20.64	20.84	20.77	20.87	20.8	21.70
		50	50	20.6	20.81	20.72	20.72	20.72	21.70
		100	0	20.62	20.83	20.74	20.86	20.73	21.70

LTE Band 41 2496 - 2690 DS15				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.61	20.84	20.69	20.89	20.59	21.70
		1	13	20.58	20.85	20.66	20.78	20.72	21.70
		1	24	20.59	20.88	20.68	20.94	20.6	21.70
		12	0	20.59	20.77	20.72	20.79	20.66	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 71 of 960

	16QAM	12	6	20.58	20.76	20.71	20.8	20.65	21.70
		12	13	20.61	20.79	20.69	20.76	20.6	21.70
		25	0	20.64	20.82	20.74	20.77	20.8	21.70
		1	0	20.81	20.59	20.3	20.67	20.6	21.70
		1	13	20.77	20.6	20.33	20.56	20.45	21.70
		1	24	20.78	20.62	20.45	20.59	20.36	21.70
		12	0	20.63	20.82	20.78	20.75	20.87	21.70
		12	6	20.61	20.8	20.74	20.87	20.67	21.70
		12	13	20.62	20.84	20.73	20.9	20.74	21.70
	25	0	20.64	20.83	20.75	20.79	20.83	21.70	
	64QAM	1	0	20.56	20.75	20.66	20.66	20.72	21.70
		1	13	20.54	20.76	20.65	20.79	20.57	21.70
		1	24	20.53	20.77	20.65	20.76	20.73	21.70
		12	0	20.67	20.86	20.81	20.85	20.78	21.70
		12	6	20.64	20.85	20.76	20.79	20.79	21.70
		12	13	20.66	20.87	20.75	20.91	20.65	21.70
		25	0	20.66	20.87	20.78	20.95	20.83	21.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.65	20.91	20.76	20.84	20.66	21.70
		1	25	20.35	20.86	20.66	20.93	20.59	21.70
		1	49	20.6	20.86	20.68	20.83	20.6	21.70
		25	0	20.58	20.81	20.71	20.73	20.78	21.70
		25	13	20.56	20.76	20.68	20.66	20.64	21.70
		25	25	20.58	20.8	20.69	20.84	20.73	21.70
		50	0	20.59	20.8	20.72	20.87	20.65	21.70
	16QAM	1	0	20.86	21.09	20.99	21.09	21.08	21.70
		1	25	20.77	21.02	20.72	21.12	20.82	21.70
		1	49	20.79	21.02	20.77	20.99	20.86	21.70
		25	0	20.62	20.83	20.58	20.76	20.65	21.70
		25	13	20.57	20.78	20.56	20.87	20.6	21.70
		25	25	20.6	20.81	20.55	20.83	20.61	21.70
		50	0	20.62	20.83	20.62	20.74	20.53	21.70
	64QAM	1	0	20.59	20.82	20.73	20.88	20.67	21.70
		1	25	20.51	20.79	20.6	20.83	20.67	21.70
		1	49	20.53	20.75	20.66	20.65	20.66	21.70
		25	0	20.65	20.88	20.78	20.92	20.79	21.70
25		13	20.61	20.81	20.75	20.85	20.75	21.70	
25		25	20.63	20.87	20.74	20.85	20.71	21.70	
50		0	20.58	20.81	20.76	20.86	20.71	21.70	
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 72 of 960

			RB offset	39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.64	20.92	20.78	20.92	20.85	21.70
		1	38	20.62	20.91	20.71	21.01	20.68	21.70
		1	74	20.63	20.88	20.68	20.94	20.76	21.70
		36	0	20.61	20.82	20.77	20.89	20.67	21.70
		36	18	20.57	20.76	20.69	20.7	20.66	21.70
		36	39	20.59	20.77	20.69	20.74	20.59	21.70
		75	0	20.62	20.82	20.73	20.76	20.63	21.70
	16QAM	1	0	20.86	21.08	21	21.13	20.93	21.70
		1	38	20.83	21.08	20.93	21.16	20.91	21.70
		1	74	20.83	21.04	20.91	20.98	20.99	21.70
		36	0	20.6	20.81	20.76	20.83	20.73	21.70
		36	18	20.57	20.76	20.68	20.79	20.76	21.70
		36	39	20.58	20.78	20.69	20.77	20.6	21.70
		75	0	20.64	20.86	20.76	20.8	20.75	21.70
	64QAM	1	0	20.6	20.82	20.75	20.75	20.83	21.70
		1	38	20.56	20.83	20.69	20.9	20.71	21.70
		1	74	20.55	20.77	20.65	20.67	20.75	21.70
		36	0	20.61	20.83	20.77	20.86	20.84	21.70
		36	18	20.57	20.78	20.7	20.72	20.66	21.70
		36	39	20.59	20.79	20.71	20.71	20.81	21.70
		75	0	20.64	20.85	20.76	20.76	20.81	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.68	20.92	20.81	20.86	20.83	21.70
		1	50	20.68	20.91	20.73	20.82	20.64	21.70
		1	99	20.61	20.87	20.66	20.81	20.75	21.70
		50	0	20.66	20.84	20.8	20.82	20.73	21.70
		50	25	20.65	20.83	20.77	20.79	20.73	21.70
		50	50	20.62	20.83	20.72	20.74	20.67	21.70
		100	0	20.65	20.84	20.76	20.77	20.69	21.70
	16QAM	1	0	20.84	21.11	21.03	21.15	20.96	21.70
		1	50	20.82	21.11	20.95	21.03	20.87	21.70
		1	99	20.78	21.06	20.9	21.11	20.92	21.70
		50	0	20.68	20.89	20.82	20.79	20.77	21.70
		50	25	20.67	20.87	20.79	20.8	20.81	21.70
		50	50	20.61	20.88	20.76	20.8	20.78	21.70
		100	0	20.67	20.85	20.79	20.8	20.84	21.70
	64QAM	1	0	20.61	20.81	20.75	20.84	20.71	21.70
		1	50	20.59	20.85	20.69	20.76	20.79	21.70
		1	99	20.5	20.75	20.64	20.7	20.54	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 73 of 960

		50	0	20.67	20.85	20.82	20.79	20.81	21.70
		50	25	20.65	20.88	20.78	20.8	20.85	21.70
		50	50	20.62	20.85	20.74	20.92	20.73	21.70
		100	0	20.65	20.85	20.77	20.81	20.81	21.70

LTE Band 41 2496 - 2690 DS12				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.21	20.4	20.43	20.52	20.33	21.20
		1	13	20.18	20.38	20.14	20.26	20.28	21.20
		1	24	19.99	20.37	20.15	20.46	20.11	21.20
		12	0	20.13	20.4	20.3	20.3	20.16	21.20
		12	6	20.15	20.4	20.33	20.27	20.38	21.20
		12	13	20.1	20.27	20.27	20.17	20.1	21.20
		25	0	20.1	20.29	20.18	20.19	20.22	21.20
	16QAM	1	0	20.34	20.51	20.55	20.51	20.67	21.20
		1	13	20.31	20.58	20.54	20.62	20.49	21.20
		1	24	20.24	20.6	20.38	20.69	20.37	21.20
		12	0	20.19	20.32	20.28	20.2	20.43	21.20
		12	6	20.1	20.41	20.37	20.28	20.41	21.20
		12	13	20.07	20.43	20.36	20.47	20.32	21.20
		25	0	20.1	20.35	20.31	20.33	20.25	21.20
	64QAM	1	0	20.06	20.29	20.27	20.35	20.25	21.20
		1	13	20.13	20.34	20.26	20.26	20.3	21.20
		1	24	19.89	20.18	20.14	20.08	20.2	21.20
		12	0	20.16	20.37	20.25	20.48	20.19	21.20
		12	6	20.15	20.26	20.34	20.41	20.32	21.20
		12	13	20.05	20.28	20.15	20.34	20.23	21.20
		25	0	20.1	20.42	20.18	20.35	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.25	20.52	20.42	20.48	20.39	21.20
		1	25	20.07	20.49	20.29	20.44	20.25	21.20
		1	49	19.97	20.4	20.11	20.37	20.09	21.20
		25	0	20.08	20.42	20.31	20.32	20.26	21.20
		25	13	20.17	20.38	20.32	20.41	20.35	21.20
		25	25	20.1	20.32	20.12	20.31	20.16	21.20
		50	0	20.21	20.37	20.3	20.28	20.35	21.20
	16QAM	1	0	20.43	20.56	20.57	20.67	20.63	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 75 of 960

		50	0	20.14	20.33	20.28	20.28	20.25	21.20
		50	25	20.12	20.34	20.26	20.31	20.28	21.20
		50	50	20.09	20.31	20.22	20.21	20.13	21.20
		100	0	20.11	20.31	20.27	20.28	20.28	21.20
	16QAM	1	0	20.38	20.59	20.54	20.59	20.57	21.20
		1	50	20.35	20.59	20.5	20.57	20.44	21.20
		1	99	20.27	20.56	20.41	20.66	20.32	21.20
		50	0	20.17	20.35	20.32	20.29	20.34	21.20
		50	25	20.16	20.36	20.29	20.37	20.39	21.20
		50	50	20.13	20.35	20.26	20.42	20.25	21.20
		100	0	20.15	20.34	20.28	20.37	20.19	21.20
	64QAM	1	0	20.13	20.32	20.27	20.36	20.2	21.20
		1	50	20.08	20.31	20.22	20.31	20.22	21.20
		1	99	19.99	20.26	20.15	20.16	20.13	21.20
		50	0	20.15	20.33	20.31	20.42	20.28	21.20
		50	25	20.14	20.35	20.27	20.33	20.23	21.20
		50	50	20.11	20.33	20.23	20.32	20.3	21.20
		100	0	20.14	20.32	20.26	20.37	20.27	21.20

LTE Band 41 2496 - 2690 DS13				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.22	19.45	19.47	19.32	19.44	20.20
		1	13	19.17	19.39	19.31	19.31	19.27	20.20
		1	24	19.18	19.25	19.27	19.35	19.13	20.20
		12	0	19.21	19.36	19.35	19.27	19.25	20.20
		12	6	19.12	19.38	19.31	19.25	19.27	20.20
		12	13	19.04	19.25	19.21	19.27	19.3	20.20
		25	0	19.21	19.23	19.24	19.29	19.4	20.20
	16QAM	1	0	19.43	19.51	19.54	19.4	19.58	20.20
		1	13	19.38	19.54	19.53	19.44	19.65	20.20
		1	24	19.32	19.56	19.47	19.4	19.55	20.20
		12	0	19.19	19.35	19.45	19.21	19.46	20.20
		12	6	19.05	19.35	19.37	19.31	19.3	20.20
		12	13	19.06	19.34	19.28	19.15	19.4	20.20
		25	0	19.2	19.3	19.34	19.36	19.41	20.20
	64QAM	1	0	19.09	19.22	19.25	19.44	19.21	20.20
		1	13	19.17	19.21	19.34	19.21	19.15	20.20
		1	24	18.98	19.29	19.13	19.13	19.02	20.20
		12	0	19.22	19.3	19.33	19.24	19.29	20.20



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2140th, 2142nd, 2144th, 2146th, 2148th, 2150th, 2152nd, 2154th, 2156th, 2158th, 2160th, 2162nd, 2164th, 2166th, 2168th, 2170th, 2172nd, 2174th, 2176th, 2178th, 2180th, 2182nd, 2184th, 2186th, 2188th, 2190th, 2192nd, 2194th, 2196th, 2198th, 2200th, 2202nd, 2204th, 2206th, 2208th, 2210th, 2212nd, 2214th, 2216th, 2218th, 2220th, 2222nd, 2224th, 2226th, 2228th, 2230th, 2232nd, 2234th, 2236th, 2238th, 2240th, 2242nd, 2244th, 2246th, 2248th, 2250th, 2252nd, 2254th, 2256th, 2258th, 2260th, 2262nd, 2264th, 2266th, 2268th, 2270th, 2272nd, 2274th, 2276th, 2278th, 2280th, 2282nd, 2284th, 2286th, 2288th, 2290th, 2292nd, 2294th, 2296th, 2298th, 2300th, 2302nd, 2304th, 2306th, 2308th, 2310th, 2312nd, 2314th, 2316th, 2318th, 2320th, 2322nd, 2324th, 2326th, 2328th, 2330th, 2332nd, 2334th, 2336th, 2338th, 2340th, 2342nd, 2344th, 2346th, 2348th, 2350th, 2352nd, 2354th, 2356th, 2358th, 2360th, 2362nd, 2364th, 2366th, 2368th, 2370th, 2372nd, 2374th, 2376th, 2378th, 2380th, 2382nd, 2384th, 2386th, 2388th, 2390th, 2

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 76 of 960

		12	6	19.08	19.2	19.29	19.11	19.46	20.20
		12	13	19.12	19.21	19.37	19.23	19.24	20.20
		25	0	19.19	19.17	19.41	19.38	19.31	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.25	19.32	19.39	19.34	19.33	20.20
		1	25	19.04	19.36	19.3	19.4	19.26	20.20
		1	49	19.15	19.36	19.18	19.33	19.19	20.20
		25	0	19.14	19.29	19.26	19.3	19.27	20.20
		25	13	19.16	19.3	19.25	19.25	19.37	20.20
		25	25	19.2	19.29	19.26	19.33	19.43	20.20
		50	0	19.22	19.26	19.21	19.47	19.24	20.20
	16QAM	1	0	19.51	19.64	19.48	19.45	19.52	20.20
		1	25	19.27	19.46	19.57	19.54	19.65	20.20
		1	49	19.24	19.52	19.44	19.45	19.46	20.20
		25	0	19.16	19.33	19.39	19.36	19.39	20.20
		25	13	19.17	19.33	19.35	19.4	19.45	20.20
		25	25	19.15	19.27	19.29	19.27	19.34	20.20
		50	0	19.14	19.32	19.34	19.46	19.31	20.20
	64QAM	1	0	19.08	19.36	19.2	19.37	19.28	20.20
		1	25	19.19	19.32	19.22	19.15	19.12	20.20
		1	49	18.96	19.17	19.2	19.31	19.2	20.20
		25	0	19.14	19.32	19.36	19.21	19.18	20.20
		25	13	19.16	19.35	19.28	19.24	19.41	20.20
		25	25	19.07	19.22	19.3	19.41	19.2	20.20
		50	0	19.05	19.27	19.22	19.21	19.33	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.26	19.35	19.42	19.46	19.4	20.20
		1	38	19.17	19.23	19.41	19.44	19.27	20.20
		1	74	19.15	19.32	19.36	19.26	19.11	20.20
		36	0	19.16	19.33	19.43	19.2	19.28	20.20
		36	18	19.06	19.18	19.26	19.27	19.25	20.20
		36	39	19.05	19.32	19.37	19.17	19.27	20.20
		75	0	19.08	19.4	19.29	19.42	19.29	20.20
	16QAM	1	0	19.4	19.46	19.54	19.47	19.57	20.20
		1	38	19.28	19.51	19.58	19.52	19.65	20.20
		1	74	19.23	19.41	19.43	19.54	19.6	20.20
		36	0	19.22	19.34	19.37	19.24	19.44	20.20
		36	18	19.09	19.38	19.39	19.31	19.33	20.20
		36	39	19.14	19.26	19.32	19.26	19.22	20.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 77 of 960

	64QAM	75	0	19.11	19.33	19.22	19.36	19.38	20.20
		1	0	19.28	19.34	19.33	19.41	19.31	20.20
		1	38	19.04	19.3	19.26	19.23	19.17	20.20
		1	74	18.98	19.29	19.16	19.16	19.18	20.20
		36	0	19.23	19.22	19.36	19.29	19.23	20.20
		36	18	19.1	19.19	19.43	19.14	19.34	20.20
		36	39	18.99	19.25	19.3	19.25	19.28	20.20
		75	0	19.05	19.23	19.3	19.36	19.3	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.23	19.4	19.4	19.42	19.38	20.20
		1	50	19.14	19.33	19.33	19.41	19.31	20.20
		1	99	19.08	19.31	19.27	19.31	19.21	20.20
		50	0	19.16	19.29	19.33	19.25	19.27	20.20
		50	25	19.12	19.28	19.33	19.3	19.34	20.20
		50	50	19.1	19.26	19.27	19.27	19.34	20.20
		100	0	19.12	19.3	19.3	19.38	19.33	20.20
	16QAM	1	0	19.42	19.56	19.58	19.48	19.55	20.20
		1	50	19.32	19.53	19.54	19.45	19.59	20.20
		1	99	19.29	19.49	19.46	19.5	19.55	20.20
		50	0	19.17	19.3	19.36	19.27	19.46	20.20
		50	25	19.15	19.29	19.32	19.38	19.36	20.20
		50	50	19.11	19.28	19.31	19.19	19.31	20.20
		100	0	19.14	19.3	19.32	19.37	19.31	20.20
	64QAM	1	0	19.18	19.29	19.3	19.37	19.28	20.20
		1	50	19.11	19.25	19.27	19.22	19.21	20.20
		1	99	19.06	19.19	19.19	19.21	19.1	20.20
		50	0	19.15	19.27	19.34	19.21	19.24	20.20
		50	25	19.12	19.27	19.33	19.2	19.39	20.20
		50	50	19.08	19.25	19.28	19.32	19.2	20.20
		100	0	19.12	19.27	19.31	19.29	19.32	20.20

LTE Band 41 2496 - 2690 DSI8/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.22	18.4	18.39	18.33	18.33	19.20
		1	13	18.01	18.32	18.28	18.47	18.28	19.20
		1	24	18.09	18.34	18.15	18.26	18.16	19.20
		12	0	18.2	18.34	18.25	18.39	18.47	19.20
		12	6	18.13	18.33	18.41	18.24	18.24	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 78 of 960

		12	13	18.01	18.19	18.28	18.33	18.18	19.20
		25	0	18.15	18.34	18.24	18.37	18.33	19.20
	16QAM	1	0	18.47	18.5	18.49	18.43	18.57	19.20
		1	13	17.85	18.28	18.45	18.44	18.51	19.20
		1	24	17.97	18.32	18.35	18.35	18.22	19.20
		12	0	18.2	18.4	18.33	18.35	18.43	19.20
		12	6	18.15	18.25	18.28	18.34	18.24	19.20
		12	13	18.06	18.28	18.22	18.39	18.3	19.20
		25	0	18.02	18.23	18.31	18.21	18.48	19.20
	64QAM	1	0	18.18	18.37	18.35	18.18	18.27	19.20
		1	13	18.03	18.3	18.3	18.22	18.32	19.20
		1	24	17.9	18.16	18.22	18.39	18.13	19.20
		12	0	18.11	18.22	18.29	18.25	18.4	19.20
		12	6	18.22	18.33	18.24	18.24	18.22	19.20
		12	13	18.06	18.26	18.26	18.32	18.37	19.20
		25	0	18.16	18.27	18.18	18.22	18.14	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.16	18.29	18.3	18.35	18.43	19.20
		1	25	18.12	18.35	18.34	18.29	18.16	19.20
		1	49	18.07	18.22	18.24	18.37	18.11	19.20
		25	0	18.13	18.28	18.34	18.24	18.46	19.20
		25	13	18.13	18.28	18.39	18.24	18.33	19.20
		25	25	18.16	18.28	18.33	18.27	18.23	19.20
		50	0	18.2	18.31	18.23	18.4	18.3	19.20
	16QAM	1	0	18.41	18.39	18.6	18.31	18.47	19.20
		1	25	17.92	18.3	18.39	18.42	18.39	19.20
		1	49	17.96	18.32	18.41	18.26	18.3	19.20
		25	0	18.15	18.38	18.27	18.24	18.45	19.20
		25	13	18.15	18.35	18.32	18.33	18.24	19.20
		25	25	18.22	18.22	18.2	18.41	18.12	19.20
		50	0	18.08	18.38	18.23	18.37	18.49	19.20
	64QAM	1	0	18.11	18.2	18.21	18.35	18.34	19.20
		1	25	18.09	18.32	18.28	18.41	18.25	19.20
		1	49	18.08	18.09	18.21	18.39	18.19	19.20
		25	0	18.09	18.23	18.32	18.27	18.4	19.20
		25	13	18.07	18.21	18.39	18.2	18.34	19.20
		25	25	18.06	18.25	18.25	18.43	18.35	19.20
		50	0	18.01	18.31	18.35	18.19	18.17	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 79 of 960

15MHz	QPSK	1	0	18.22	18.25	18.39	18.29	18.37	19.20
		1	38	18.06	18.26	18.23	18.32	18.33	19.20
		1	74	18.08	18.31	18.31	18.35	18.09	19.20
		36	0	18.16	18.26	18.39	18.23	18.46	19.20
		36	18	18.14	18.33	18.4	18.24	18.38	19.20
		36	39	18.16	18.2	18.3	18.21	18.3	19.20
		75	0	18.04	18.34	18.29	18.3	18.3	19.20
	16QAM	1	0	18.45	18.46	18.56	18.4	18.5	19.20
		1	38	18.01	18.36	18.45	18.54	18.46	19.20
		1	74	17.99	18.31	18.33	18.36	18.32	19.20
		36	0	18.22	18.37	18.42	18.34	18.26	19.20
		36	18	18.23	18.22	18.33	18.43	18.25	19.20
		36	39	18.1	18.31	18.32	18.36	18.13	19.20
		75	0	18.14	18.39	18.36	18.31	18.42	19.20
	64QAM	1	0	18.1	18.29	18.32	18.37	18.45	19.20
		1	38	18.12	18.24	18.31	18.34	18.28	19.20
		1	74	17.96	18.18	18.11	18.32	18.07	19.20
		36	0	18.09	18.21	18.38	18.25	18.31	19.20
		36	18	18.06	18.33	18.33	18.22	18.3	19.20
		36	39	18.14	18.27	18.3	18.31	18.25	19.20
		75	0	18.18	18.32	18.32	18.24	18.12	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.18	18.34	18.33	18.33	18.42	19.20
		1	50	18.1	18.29	18.27	18.38	18.25	19.20
		1	99	18.04	18.26	18.21	18.31	18.19	19.20
		50	0	18.13	18.27	18.32	18.3	18.37	19.20
		50	25	18.12	18.26	18.31	18.2	18.33	19.20
		50	50	18.1	18.26	18.26	18.25	18.24	19.20
		100	0	18.11	18.29	18.29	18.33	18.35	19.20
	16QAM	1	0	18.41	18.42	18.57	18.37	18.51	19.20
		1	50	17.93	18.37	18.41	18.46	18.44	19.20
		1	99	18.06	18.34	18.4	18.35	18.32	19.20
		50	0	18.15	18.3	18.33	18.33	18.36	19.20
		50	25	18.14	18.29	18.33	18.39	18.25	19.20
		50	50	18.12	18.27	18.27	18.35	18.2	19.20
		100	0	18.12	18.31	18.32	18.27	18.42	19.20
	64QAM	1	0	18.14	18.28	18.31	18.28	18.37	19.20
		1	50	18.06	18.27	18.28	18.31	18.28	19.20
		1	99	17.99	18.19	18.17	18.29	18.15	19.20
		50	0	18.11	18.26	18.3	18.2	18.33	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 80 of 960

		50	25	18.12	18.26	18.3	18.28	18.31	19.20
		50	50	18.08	18.24	18.25	18.33	18.29	19.20
		100	0	18.1	18.27	18.28	18.29	18.19	19.20



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2 Conducted Power of Main Antenna (Ant13)

2.1 Conducted Power of GSM

GSM 850 DS14/5/8/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.34	32.38	32.33	33.20	-9.19	23.15	23.19	23.14	24.01
GPRS (GMSK)	1 TX Slot	32.45	32.50	32.41	33.20	-9.19	23.26	23.31	23.22	24.01
	2 TX Slots	30.81	30.94	30.82	31.20	-6.18	24.63	24.76	24.64	25.02
	3 TX Slots	28.57	28.61	28.77	29.20	-4.42	24.15	24.19	24.35	24.78
	4 TX Slots	26.69	26.82	26.92	27.70	-3.17	23.52	23.65	23.75	24.53
EGPRS (GMSK)	1 TX Slot	32.34	32.46	32.57	33.20	-9.19	23.15	23.27	23.38	24.01
	2 TX Slots	30.84	30.87	31.10	31.20	-6.18	24.66	24.69	24.92	25.02
	3 TX Slots	28.77	28.74	29.03	29.20	-4.42	24.35	24.32	24.61	24.78
	4 TX Slots	26.87	26.99	27.17	27.70	-3.17	23.70	23.82	24.00	24.53
EGPRS (8PSK)	1 TX Slot	26.50	26.75	26.61	27.70	-9.19	17.31	17.56	17.42	18.51
	2 TX Slots	25.29	24.83	25.10	25.70	-6.18	19.11	18.65	18.92	19.52
	3 TX Slots	23.36	23.12	23.32	23.70	-4.42	18.94	18.70	18.90	19.28
	4 TX Slots	22.18	21.99	21.06	22.20	-3.17	19.01	18.82	17.89	19.03

GSM 850 DS12										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.96	30.32	30.08	31.20	-9.19	20.77	21.13	20.89	22.01
GPRS (GMSK)	1 TX Slot	29.89	30.33	30.07	31.20	-9.19	20.70	21.14	20.88	22.01
	2 TX Slots	26.89	27.23	27.00	27.70	-6.18	20.71	21.05	20.82	21.52
	3 TX Slots	24.87	25.29	25.13	25.90	-4.42	20.45	20.87	20.71	21.48
	4 TX Slots	23.43	23.93	23.70	24.50	-3.17	20.26	20.76	20.53	21.33
EGPRS (GMSK)	1 TX Slot	29.93	30.33	30.07	31.20	-9.19	20.74	21.14	20.88	22.01
	2 TX Slots	26.84	27.24	26.98	27.70	-6.18	20.66	21.06	20.80	21.52
	3 TX Slots	24.82	25.34	25.17	25.90	-4.42	20.40	20.92	20.75	21.48
	4 TX Slots	23.47	23.88	23.65	24.50	-3.17	20.30	20.71	20.48	21.33
EGPRS (8PSK)	1 TX Slot	26.31	27.01	26.57	27.70	-9.19	17.12	17.82	17.38	18.51
	2 TX Slots	24.50	24.47	24.35	25.70	-6.18	18.32	18.29	18.17	19.52
	3 TX Slots	22.37	22.36	22.51	23.70	-4.42	17.95	17.94	18.09	19.28
	4 TX Slots	20.96	20.91	20.86	22.20	-3.17	17.79	17.74	17.69	19.03



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 82 of 960

GSM 850 DS13										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.21	29.26	29.23	30.20	-9.19	20.02	20.07	20.04	21.01
GPRS (GMSK)	1 TX Slot	29.25	29.31	29.33	30.20	-9.19	20.06	20.12	20.14	21.01
	2 TX Slots	26.20	26.16	26.34	26.70	-6.18	20.02	19.98	20.16	20.52
	3 TX Slots	24.10	24.26	24.44	24.90	-4.42	19.68	19.84	20.02	20.48
	4 TX Slots	22.74	22.97	23.23	23.50	-3.17	19.57	19.80	20.06	20.33
EGPRS (GMSK)	1 TX Slot	29.24	29.26	29.28	30.20	-9.19	20.05	20.07	20.09	21.01
	2 TX Slots	26.17	26.21	26.32	26.70	-6.18	19.99	20.03	20.14	20.52
	3 TX Slots	24.06	24.24	24.49	24.90	-4.42	19.64	19.82	20.07	20.48
	4 TX Slots	22.70	22.95	23.18	23.50	-3.17	19.53	19.78	20.01	20.33
EGPRS (8PSK)	1 TX Slot	26.78	26.81	26.89	27.70	-9.19	17.59	17.62	17.70	18.51
	2 TX Slots	25.33	25.40	25.49	25.70	-6.18	19.15	19.22	19.31	19.52
	3 TX Slots	23.10	23.05	23.04	23.70	-4.42	18.68	18.63	18.62	19.28
	4 TX Slots	22.14	22.16	22.06	22.20	-3.17	18.97	18.99	18.89	19.03

GSM 1900 DSI4										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.81	29.78	29.69	30.70	-9.19	20.62	20.59	20.50	21.51
GPRS (GMSK)	1 TX Slot	29.75	29.64	29.45	30.70	-9.19	20.56	20.45	20.26	21.51
	2 TX Slots	27.60	27.49	27.45	28.70	-6.18	21.42	21.31	21.27	22.52
	3 TX Slots	25.81	25.73	25.70	26.70	-4.42	21.39	21.31	21.28	22.28
	4 TX Slots	24.31	24.30	24.31	25.20	-3.17	21.14	21.13	21.14	22.03
EGPRS (GMSK)	1 TX Slot	30.05	29.81	29.76	30.70	-9.19	20.86	20.62	20.57	21.51
	2 TX Slots	27.85	27.66	27.72	28.70	-6.18	21.67	21.48	21.54	22.52
	3 TX Slots	26.01	25.91	25.95	26.70	-4.42	21.59	21.49	21.53	22.28
	4 TX Slots	24.52	24.47	24.50	25.20	-3.17	21.35	21.30	21.33	22.03
EGPRS (8PSK)	1 TX Slot	25.89	25.80	25.90	27.20	-9.19	16.70	16.61	16.71	18.01
	2 TX Slots	24.28	24.24	24.35	25.20	-6.18	18.10	18.06	18.17	19.02
	3 TX Slots	22.76	22.16	22.40	23.20	-4.42	18.34	17.74	17.98	18.78
	4 TX Slots	21.05	20.84	21.26	21.70	-3.17	17.88	17.67	18.09	18.53



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 83 of 960

GSM 1900 DSI5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.83	29.08	28.87	29.70	-9.19	19.64	19.89	19.68	20.51
GPRS (GMSK)	1 TX Slot	28.86	29.04	28.90	29.70	-9.19	19.67	19.85	19.71	20.51
	2 TX Slots	25.78	25.98	25.90	26.70	-6.18	19.60	19.80	19.72	20.52
	3 TX Slots	23.98	24.14	24.10	24.90	-4.42	19.56	19.72	19.68	20.48
	4 TX Slots	22.80	22.93	22.80	23.50	-3.17	19.63	19.76	19.63	20.33
EGPRS (GMSK)	1 TX Slot	28.84	29.02	28.91	29.70	-9.19	19.65	19.83	19.72	20.51
	2 TX Slots	25.76	25.95	25.90	26.70	-6.18	19.58	19.77	19.72	20.52
	3 TX Slots	23.99	24.18	24.10	24.90	-4.42	19.57	19.76	19.68	20.48
	4 TX Slots	22.76	22.88	22.77	23.50	-3.17	19.59	19.71	19.60	20.33
EGPRS (8PSK)	1 TX Slot	25.95	25.98	26.03	27.20	-9.19	16.76	16.79	16.84	18.01
	2 TX Slots	23.99	23.95	23.94	25.20	-6.18	17.81	17.77	17.76	19.02
	3 TX Slots	21.88	21.91	21.93	23.20	-4.42	17.46	17.49	17.51	18.78
	4 TX Slots	20.35	20.30	20.34	21.70	-3.17	17.18	17.13	17.17	18.53

GSM 1900 DS18/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.95	27.11	27.01	27.70	-9.19	17.76	17.92	17.82	18.51
GPRS (GMSK)	1 TX Slot	26.90	27.09	26.98	27.70	-9.19	17.71	17.90	17.79	18.51
	2 TX Slots	23.89	24.06	24.00	24.70	-6.18	17.71	17.88	17.82	18.52
	3 TX Slots	22.11	22.26	22.20	22.90	-4.42	17.69	17.84	17.78	18.48
	4 TX Slots	20.98	21.03	20.98	21.50	-3.17	17.81	17.86	17.81	18.33
EGPRS (GMSK)	1 TX Slot	26.94	27.11	26.93	27.70	-9.19	17.75	17.92	17.74	18.51
	2 TX Slots	23.86	24.09	23.98	24.70	-6.18	17.68	17.91	17.80	18.52
	3 TX Slots	22.13	22.29	22.20	22.90	-4.42	17.71	17.87	17.78	18.48
	4 TX Slots	20.94	21.00	21.03	21.50	-3.17	17.77	17.83	17.86	18.33
EGPRS (8PSK)	1 TX Slot	25.94	25.98	25.99	27.20	-9.19	16.75	16.79	16.80	18.01
	2 TX Slots	23.84	23.85	23.85	25.20	-6.18	17.66	17.67	17.67	19.02
	3 TX Slots	21.85	21.81	21.96	23.20	-4.42	17.43	17.39	17.54	18.78
	4 TX Slots	20.33	20.34	20.31	21.70	-3.17	17.16	17.17	17.14	18.53



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 84 of 960

GSM 1900 DSI2										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	26.38	26.53	26.43	27.20	-9.19	17.19	17.34	17.24	18.01
GPRS (GMSK)	1 TX Slot	26.40	26.58	26.43	27.20	-9.19	17.21	17.39	17.24	18.01
	2 TX Slots	23.46	23.61	23.47	24.20	-6.18	17.28	17.43	17.29	18.02
	3 TX Slots	21.73	21.81	21.69	22.40	-4.42	17.31	17.39	17.27	17.98
	4 TX Slots	20.41	20.53	20.43	21.00	-3.17	17.24	17.36	17.26	17.83
EGPRS (GMSK)	1 TX Slot	26.43	26.59	26.47	27.20	-9.19	17.24	17.40	17.28	18.01
	2 TX Slots	23.43	23.57	23.44	24.20	-6.18	17.25	17.39	17.26	18.02
	3 TX Slots	21.72	21.86	21.68	22.40	-4.42	17.30	17.44	17.26	17.98
	4 TX Slots	20.38	20.52	20.43	21.00	-3.17	17.21	17.35	17.26	17.83
EGPRS (8PSK)	1 TX Slot	26.15	26.55	26.01	27.20	-9.19	16.96	17.36	16.82	18.01
	2 TX Slots	23.30	23.60	23.35	24.70	-6.18	17.12	17.42	17.17	18.52
	3 TX Slots	21.50	21.76	21.60	22.90	-4.42	17.08	17.34	17.18	18.48
	4 TX Slots	20.32	20.30	20.25	21.50	-3.17	17.15	17.13	17.08	18.33

GSM 1900 DSI3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	24.83	24.86	24.85	25.70	-9.19	15.64	15.67	15.66	16.51
GPRS (GMSK)	1 TX Slot	24.84	24.91	24.92	25.70	-9.19	15.65	15.72	15.73	16.51
	2 TX Slots	21.80	21.84	21.91	22.70	-6.18	15.62	15.66	15.73	16.52
	3 TX Slots	20.03	20.07	20.05	20.90	-4.42	15.61	15.65	15.63	16.48
	4 TX Slots	18.82	18.80	18.82	19.50	-3.17	15.65	15.63	15.65	16.33
EGPRS (GMSK)	1 TX Slot	24.85	24.90	24.94	25.70	-9.19	15.66	15.71	15.75	16.51
	2 TX Slots	21.77	21.81	21.86	22.70	-6.18	15.59	15.63	15.68	16.52
	3 TX Slots	20.00	20.11	20.06	20.90	-4.42	15.58	15.69	15.64	16.48
	4 TX Slots	18.80	18.77	18.84	19.50	-3.17	15.63	15.60	15.67	16.33
EGPRS (8PSK)	1 TX Slot	25.05	25.10	25.14	26.20	-9.19	15.86	15.91	15.95	17.01
	2 TX Slots	22.13	22.16	22.12	23.20	-6.18	15.95	15.98	15.94	17.02
	3 TX Slots	20.07	20.10	20.08	21.40	-4.42	15.65	15.68	15.66	16.98
	4 TX Slots	18.70	18.65	18.64	20.00	-3.17	15.53	15.48	15.47	16.83



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2.2 Conducted Power of WCDMA

WCDMA Band II DS14					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.51	23.30	23.60	24.20
	12.2kbps AMR	23.60	23.31	23.66	24.20
HSDPA	Subtest 1	22.63	22.37	22.68	23.70
	Subtest 2	22.63	22.31	22.67	23.70
	Subtest 3	22.21	21.84	22.22	23.20
	Subtest 4	22.13	21.81	22.17	23.20
HSUPA	Subtest 1	21.28	21.21	21.38	21.70
	Subtest 2	20.29	19.94	20.43	20.70
	Subtest 3	21.29	21.24	21.46	22.20
	Subtest 4	20.77	20.45	20.92	21.70
	Subtest 5	22.29	22.10	22.44	23.20
DC-HSDPA	Subtest 1	22.62	22.38	22.65	23.70
	Subtest 2	22.62	22.65	22.68	23.70
	Subtest 3	22.18	21.84	22.23	23.20
	Subtest 4	22.12	21.83	22.21	23.20
HSPA+	16QAM	20.01	20.01	20.05	21.20

WCDMA Band II DS15					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.50	20.32	20.60	21.20
	12.2kbps AMR	20.55	20.35	20.62	21.20
HSDPA	Subtest 1	20.23	19.97	20.12	21.20
	Subtest 2	19.99	19.95	20.25	21.20
	Subtest 3	20.07	19.89	20.12	21.20
	Subtest 4	20.23	19.97	20.13	21.20
HSUPA	Subtest 1	20.63	20.75	20.93	21.20
	Subtest 2	20.71	20.50	20.87	21.20
	Subtest 3	20.29	20.17	20.53	21.20
	Subtest 4	20.26	19.89	20.44	21.20
	Subtest 5	20.38	20.16	20.30	21.20
DC-HSDPA	Subtest 1	20.01	20.03	20.13	21.20
	Subtest 2	20.19	20.00	20.28	21.20
	Subtest 3	20.27	19.82	20.21	21.20
	Subtest 4	20.02	19.87	20.23	21.20
HSPA+	16QAM	20.08	20.02	20.01	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page:

86 of 960

WCDMA Band II DS18/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.50	18.39	18.60	19.20
	12.2kbps AMR	18.54	18.38	18.61	19.20
HSDPA	Subtest 1	18.34	18.01	18.40	19.20
	Subtest 2	18.35	18.06	18.40	19.20
	Subtest 3	18.45	17.84	18.28	19.20
	Subtest 4	18.30	17.90	18.42	19.20
HSUPA	Subtest 1	18.96	18.81	19.11	19.20
	Subtest 2	19.04	18.47	18.94	19.20
	Subtest 3	18.37	18.26	18.48	19.20
	Subtest 4	18.33	18.16	18.44	19.20
	Subtest 5	18.49	18.24	18.65	19.20
DC-HSDPA	Subtest 1	18.12	17.88	18.27	19.20
	Subtest 2	18.28	18.30	18.39	19.20
	Subtest 3	18.30	17.94	18.36	19.20
	Subtest 4	18.22	17.86	18.31	19.20
HSPA+	16QAM	18.10	18.01	18.02	19.20

WCDMA Band II DSI2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.52	16.38	16.50	17.20
	12.2kbps AMR	16.51	16.33	16.55	17.20
HSDPA	Subtest 1	16.26	15.97	16.19	17.20
	Subtest 2	16.23	15.87	16.19	17.20
	Subtest 3	16.37	16.06	16.46	17.20
	Subtest 4	16.19	15.82	16.24	17.20
HSUPA	Subtest 1	16.92	16.71	17.10	17.20
	Subtest 2	16.93	16.67	17.08	17.20
	Subtest 3	16.45	16.27	16.46	17.20
	Subtest 4	16.42	16.14	16.60	17.20
	Subtest 5	16.50	16.23	16.67	17.20
DC-HSDPA	Subtest 1	16.22	15.99	16.40	17.20
	Subtest 2	16.22	16.16	16.25	17.20
	Subtest 3	16.42	16.02	16.46	17.20
	Subtest 4	16.18	15.94	16.25	17.20
HSPA+	16QAM	16.00	16.09	16.06	17.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 87 of 960

WCDMA Band II DSI3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.01	14.82	15.10	15.70
	12.2kbps AMR	14.98	14.89	15.06	15.70
HSDPA	Subtest 1	15.18	15.11	15.31	15.70
	Subtest 2	15.21	15.13	15.32	15.70
	Subtest 3	15.24	15.17	15.35	15.70
	Subtest 4	15.22	15.13	15.31	15.70
HSUPA	Subtest 1	15.19	15.08	15.30	15.70
	Subtest 2	15.26	15.10	15.44	15.70
	Subtest 3	15.23	15.14	15.35	15.70
	Subtest 4	15.22	15.09	15.37	15.70
	Subtest 5	15.22	15.14	15.39	15.70
DC-HSDPA	Subtest 1	15.19	15.12	15.34	15.70
	Subtest 2	15.28	15.10	15.44	15.70
	Subtest 3	15.24	15.18	15.35	15.70
	Subtest 4	15.21	15.05	15.40	15.70
HSPA+	16QAM	14.60	14.57	14.56	15.70

WCDMA Band IV DSI4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.5	23.4	23.5	24.20
	12.2kbps AMR	23.6	23.5	23.52	24.20
HSDPA	Subtest 1	22.63	22.64	22.59	23.70
	Subtest 2	22.61	22.65	22.61	23.70
	Subtest 3	22.16	22.14	22.12	23.20
	Subtest 4	22.13	22.18	22.11	23.20
HSUPA	Subtest 1	22.14	22.58	22.94	23.20
	Subtest 2	22.63	22.61	22.51	23.20
	Subtest 3	22.62	22.15	22.49	23.20
	Subtest 4	22.2	22.11	22.84	23.20
	Subtest 5	22.17	22.95	22.85	23.20
DC-HSDPA	Subtest 1	22.58	22.61	22.58	23.70
	Subtest 2	22.61	22.64	22.62	23.70
	Subtest 3	22.19	22.12	22.12	23.20
	Subtest 4	22.09	22.17	22.11	23.20
HSPA+	16QAM	20.01	20.01	20.08	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 88 of 960

WCDMA Band IV DSI5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.6	20.5	20.52	21.20
	12.2kbps AMR	20.63	20.49	20.53	21.20
HSDPA	Subtest 1	20.04	20.15	19.99	21.20
	Subtest 2	20.11	20.05	20.09	21.20
	Subtest 3	20.11	20.09	20.26	21.20
	Subtest 4	20.27	20.27	20.14	21.20
HSUPA	Subtest 1	20.18	20.5	21.05	21.20
	Subtest 2	20.77	20.76	20.51	21.20
	Subtest 3	20.65	20.12	20.59	21.20
	Subtest 4	20.17	20.25	20.86	21.20
	Subtest 5	20.12	20.97	20.97	21.20
DC-HSDPA	Subtest 1	20.01	20.22	20.08	21.20
	Subtest 2	20.24	20.06	20.17	21.20
	Subtest 3	20.15	20.2	20.07	21.20
	Subtest 4	20.24	20.18	20.15	21.20
HSPA+	16QAM	20.06	20	20.08	21.20

WCDMA Band IV DSI8/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.92	18.9	18.9	19.20
	12.2kbps AMR	18.98	18.92	18.88	19.20
HSDPA	Subtest 1	18.18	18.21	18	19.20
	Subtest 2	18.26	18.07	18.17	19.20
	Subtest 3	18.19	18.07	18.25	19.20
	Subtest 4	18.19	18.08	18.14	19.20
HSUPA	Subtest 1	18.21	18.64	18.94	19.20
	Subtest 2	18.69	18.63	18.5	19.20
	Subtest 3	18.73	18.27	18.56	19.20
	Subtest 4	18.28	18.06	18.76	19.20
	Subtest 5	18.14	18.88	18.95	19.20
DC-HSDPA	Subtest 1	18.23	18.24	18.09	19.20
	Subtest 2	18.2	18.14	18.24	19.20
	Subtest 3	18.2	18.09	18.11	19.20
	Subtest 4	18.2	18.24	18.18	19.20
HSPA+	16QAM	18.02	18.08	18.02	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 89 of 960

WCDMA Band IV DS12					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.92	17.9	17.91	18.70
	12.2kbps AMR	17.98	17.88	17.9	18.70
HSDPA	Subtest 1	17.64	17.69	17.55	18.70
	Subtest 2	17.61	17.57	17.6	18.70
	Subtest 3	17.67	17.75	17.71	18.70
	Subtest 4	17.66	17.74	17.61	18.70
HSUPA	Subtest 1	17.79	18.01	18.54	18.70
	Subtest 2	18.21	18.18	18.08	18.70
	Subtest 3	18.16	17.64	18.06	18.70
	Subtest 4	17.76	17.57	18.39	18.70
	Subtest 5	17.8	18.49	18.32	18.70
DC-HSDPA	Subtest 1	17.65	17.7	17.66	18.70
	Subtest 2	17.67	17.73	17.77	18.70
	Subtest 3	17.64	17.7	17.54	18.70
	Subtest 4	17.71	17.8	17.58	18.70
HSPA+	16QAM	17.55	17.6	17.55	18.70

WCDMA Band IV DS13					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	16.92	16.9	16.8	17.70
	12.2kbps AMR	16.92	16.96	16.88	17.70
HSDPA	Subtest 1	17.02	17.02	17	17.70
	Subtest 2	17.03	17	17.03	17.70
	Subtest 3	17.05	17.05	17.07	17.70
	Subtest 4	17.01	17.04	16.99	17.70
HSUPA	Subtest 1	17	16.97	16.95	17.70
	Subtest 2	17.03	17.05	17.04	17.70
	Subtest 3	17.07	17.01	17.05	17.70
	Subtest 4	17	17.07	16.94	17.70
	Subtest 5	16.98	17.02	17.07	17.70
DC-HSDPA	Subtest 1	17.04	17.03	17.04	17.70
	Subtest 2	17.06	17.01	17	17.70
	Subtest 3	17.1	17.01	17.04	17.70
	Subtest 4	16.99	17.07	16.94	17.70
HSPA+	16QAM	16.58	16.53	16.59	17.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 90 of 960

WCDMA Band V DSI4/5/8/9/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.90	23.70	23.88	24.70
	12.2kbps AMR	23.90	23.80	23.90	24.70
HSDPA	Subtest 1	22.95	22.84	22.95	24.20
	Subtest 2	22.94	22.85	22.97	24.20
	Subtest 3	22.51	22.36	22.52	23.70
	Subtest 4	22.49	22.33	22.49	23.70
HSUPA	Subtest 1	20.95	20.85	20.75	21.70
	Subtest 2	19.85	19.88	19.75	20.70
	Subtest 3	22.62	22.15	22.49	23.20
	Subtest 4	22.20	22.11	22.84	23.20
	Subtest 5	22.17	22.95	22.85	23.20
DC-HSDPA	Subtest 1	22.94	22.83	22.99	24.20
	Subtest 2	22.90	22.80	22.93	24.20
	Subtest 3	22.52	22.39	22.52	23.70
	Subtest 4	22.45	22.39	22.48	23.70
HSPA+	16QAM	20.57	20.59	20.59	21.70

WCDMA Band V DSI2					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.38	22.27	22.40	23.20
	12.2kbps AMR	22.40	22.23	22.40	23.20
HSDPA	Subtest 1	21.89	21.80	21.86	23.20
	Subtest 2	21.85	21.90	21.99	23.20
	Subtest 3	21.92	21.89	22.11	23.20
	Subtest 4	21.90	21.80	22.00	23.20
HSUPA	Subtest 1	20.91	20.92	20.79	21.70
	Subtest 2	19.94	19.83	19.75	20.70
	Subtest 3	21.61	21.22	21.59	22.20
	Subtest 4	20.29	20.09	20.79	21.20
	Subtest 5	21.10	21.87	21.87	22.20
DC-HSDPA	Subtest 1	21.97	21.85	22.04	23.20
	Subtest 2	21.96	21.85	21.83	23.20
	Subtest 3	22.05	21.95	21.98	23.20
	Subtest 4	21.90	21.94	21.99	23.20
HSPA+	16QAM	20.59	20.50	20.57	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 91 of 960

WCDMA Band V DSI3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.40	21.24	21.40	22.20
	12.2kbps AMR	21.44	21.30	21.45	22.20
HSDPA	Subtest 1	21.43	21.35	21.45	22.20
	Subtest 2	21.45	21.36	21.44	22.20
	Subtest 3	21.50	21.40	21.51	22.20
	Subtest 4	21.46	21.39	21.47	22.20
HSUPA	Subtest 1	21.42	21.32	21.47	21.70
	Subtest 2	20.10	20.01	20.05	20.70
	Subtest 3	21.45	21.39	21.56	22.20
	Subtest 4	20.98	20.99	20.95	21.20
	Subtest 5	21.42	21.42	21.51	22.20
DC-HSDPA	Subtest 1	21.45	21.40	21.42	22.20
	Subtest 2	21.42	21.33	21.41	22.20
	Subtest 3	21.55	21.37	21.51	22.20
	Subtest 4	21.43	21.34	21.52	22.20
HSPA+	16QAM	20.56	20.59	20.59	21.70



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2.3 Conducted Power of LTE

LTE Band 2 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.60	23.19	24.00	24.50
		1	2	23.36	23.64	24.05	24.50
		1	5	23.33	23.97	23.57	24.50
		3	0	23.65	23.50	23.66	24.50
		3	2	23.54	23.62	23.26	24.50
		3	3	23.56	23.55	23.56	24.50
		6	0	22.47	22.68	23.08	23.50
	16QAM	1	0	22.34	22.44	22.90	23.50
		1	2	22.43	22.69	23.11	23.50
		1	5	22.56	23.08	22.92	23.50
		3	0	22.31	22.69	23.08	23.50
		3	2	22.40	22.39	22.90	23.50
		3	3	22.38	22.82	23.09	23.50
		6	0	21.78	21.68	21.88	22.50
	64QAM	1	0	21.21	21.59	21.87	22.50
		1	2	21.52	21.75	21.63	22.50
		1	5	21.41	21.56	21.47	22.50
		3	0	21.28	21.62	21.91	22.50
		3	2	21.42	21.79	21.56	22.50
		3	3	21.30	21.49	21.41	22.50
		6	0	20.42	20.65	20.85	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.65	23.11	23.90	24.50
		1	7	23.36	23.59	24.05	24.50
		1	14	23.33	23.93	23.45	24.50
		8	0	22.45	22.51	23.26	23.50
		8	4	22.42	22.27	23.26	23.50
		8	7	22.42	22.80	23.02	23.50
		15	0	22.31	22.60	23.11	23.50
	16QAM	1	0	22.48	22.52	22.99	23.50
		1	7	22.35	22.78	23.22	23.50
		1	14	22.57	23.18	22.77	23.50
		8	0	21.45	21.58	21.89	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 93 of 960

		8	4	21.46	21.63	21.87	22.50
		8	7	21.46	21.73	21.69	22.50
		15	0	21.49	21.56	21.67	22.50
	64QAM	1	0	21.25	21.50	21.80	22.50
		1	7	21.53	21.84	21.50	22.50
		1	14	21.40	21.60	21.43	22.50
		8	0	20.54	20.54	20.88	21.50
		8	4	20.48	20.59	20.82	21.50
		8	7	20.47	20.75	20.68	21.50
		15	0	20.51	20.71	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.54	23.20	23.89	24.50
		1	13	23.27	23.61	24.07	24.50
		1	24	23.31	23.96	23.52	24.50
		12	0	22.47	22.55	23.23	23.50
		12	6	22.33	22.29	23.16	23.50
		12	13	22.32	22.94	23.06	23.50
		25	0	22.46	22.57	23.23	23.50
	16QAM	1	0	22.42	22.39	22.95	23.50
		1	13	22.46	22.70	23.13	23.50
		1	24	22.58	23.07	22.81	23.50
		12	0	21.36	21.55	21.81	22.50
		12	6	21.39	21.58	21.86	22.50
		12	13	21.51	21.63	21.81	22.50
		25	0	21.52	21.53	21.75	22.50
	64QAM	1	0	21.29	21.51	21.78	22.50
		1	13	21.52	21.82	21.51	22.50
		1	24	21.41	21.54	21.41	22.50
		12	0	20.44	20.41	20.79	21.50
		12	6	20.46	20.64	20.77	21.50
		12	13	20.44	20.66	20.65	21.50
		25	0	20.55	20.59	20.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.54	23.88	23.98	24.50
		1	25	23.24	23.62	24.09	24.50
		1	49	23.36	23.99	23.54	24.50
		25	0	22.52	22.53	23.16	23.50
		25	13	22.46	22.35	23.26	23.50
		25	25	22.37	22.94	23.04	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 94 of 960

		50	0	22.46	22.65	23.22	23.50
	16QAM	1	0	22.42	22.41	22.97	23.50
		1	25	22.36	22.76	23.18	23.50
		1	49	22.56	23.13	22.83	23.50
		25	0	21.49	21.63	21.77	22.50
		25	13	21.39	21.67	21.87	22.50
		25	25	21.59	21.68	21.73	22.50
		50	0	21.44	21.49	21.73	22.50
	64QAM	1	0	21.32	21.50	21.83	22.50
		1	25	21.40	21.73	21.61	22.50
		1	49	21.38	21.63	21.43	22.50
		25	0	20.51	20.49	20.82	21.50
		25	13	20.44	20.61	20.76	21.50
		25	25	20.40	20.68	20.78	21.50
		50	0	20.40	20.58	20.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.53	23.40	24.00	24.50
		1	38	23.36	23.57	24.06	24.50
		1	74	23.31	23.90	23.56	24.50
		36	0	22.41	22.48	23.21	23.50
		36	18	22.44	22.39	23.18	23.50
		36	39	22.36	22.92	23.05	23.50
		75	0	22.38	22.72	23.22	23.50
	16QAM	1	0	22.49	22.45	23.00	23.50
		1	38	22.46	22.69	23.11	23.50
		1	74	22.61	23.13	22.83	23.50
		36	0	21.45	21.54	21.80	22.50
		36	18	21.42	21.73	21.77	22.50
		36	39	21.59	21.71	21.70	22.50
		75	0	21.55	21.47	21.70	22.50
	64QAM	1	0	21.22	21.66	21.76	22.50
		1	38	21.53	21.86	21.61	22.50
		1	74	21.33	21.60	21.38	22.50
		36	0	20.42	20.56	20.76	21.50
		36	18	20.54	20.70	20.86	21.50
		36	39	20.39	20.68	20.69	21.50
		75	0	20.45	20.61	20.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.59	23.16	23.93	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 95 of 960

		1	50	23.29	23.62	24.03	24.50
		1	99	23.39	23.91	23.49	24.50
		50	0	22.45	22.50	23.19	23.50
		50	25	22.38	22.34	23.20	23.50
		50	50	22.37	22.86	23.02	23.50
		100	0	22.39	22.64	23.15	23.50
	16QAM	1	0	22.42	22.46	22.98	23.50
		1	50	22.43	22.75	23.17	23.50
		1	99	22.61	23.10	22.84	23.50
		50	0	21.43	21.59	21.82	22.50
		50	25	21.38	21.65	21.79	22.50
		50	50	21.53	21.70	21.74	22.50
		100	0	21.50	21.54	21.75	22.50
	64QAM	1	0	21.27	21.58	21.84	22.50
		1	50	21.47	21.80	21.56	22.50
		1	99	21.34	21.55	21.44	22.50
		50	0	20.49	20.49	20.81	21.50
		50	25	20.51	20.63	20.80	21.50
		50	50	20.45	20.67	20.71	21.50
		100	0	20.48	20.63	20.77	21.50

LTE Band 2 DSIS				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.63	20.50	20.69	21.50
		1	2	20.62	20.52	20.69	21.50
		1	5	20.36	20.76	20.53	21.50
		3	0	20.52	20.65	20.81	21.50
		3	2	20.53	20.69	20.78	21.50
		3	3	20.49	20.68	20.71	21.50
		6	0	20.52	20.66	20.73	21.50
	16QAM	1	0	20.60	20.73	20.75	21.50
		1	2	20.52	20.67	21.06	21.50
		1	5	21.05	21.15	21.03	21.50
		3	0	20.52	20.46	20.80	21.50
		3	2	20.44	20.62	20.88	21.50
		3	3	20.63	20.77	20.72	21.50
		6	0	20.56	20.66	20.74	21.50
	64QAM	1	0	20.36	20.41	20.38	21.50
		1	2	20.38	20.63	20.70	21.50



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Report No.: SZCR250100007807

Page: 97 of 960

		12	6	20.50	20.46	20.79	21.50
		12	13	20.67	20.69	20.83	21.50
		25	0	20.51	20.74	20.75	21.50
	64QAM	1	0	20.43	20.36	20.47	21.50
		1	13	20.31	20.53	20.78	21.50
		1	24	20.70	20.88	20.50	21.50
		12	0	20.43	20.49	20.79	21.50
		12	6	20.46	20.68	20.91	21.50
		12	13	20.55	20.76	20.72	21.50
		25	0	20.42	20.58	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.59	20.60	20.77	21.50
		1	25	20.56	20.48	20.80	21.50
		1	49	20.38	20.83	20.55	21.50
		25	0	20.56	20.64	20.76	21.50
		25	13	20.52	20.74	20.76	21.50
		25	25	20.47	20.72	20.71	21.50
		50	0	20.44	20.62	20.86	21.50
	16QAM	1	0	20.60	20.73	20.88	21.50
		1	25	20.49	20.70	20.96	21.50
		1	49	20.92	21.12	21.04	21.50
		25	0	20.59	20.44	20.73	21.50
		25	13	20.52	20.50	20.93	21.50
		25	25	20.67	20.68	20.65	21.50
		50	0	20.53	20.72	20.80	21.50
	64QAM	1	0	20.38	20.43	20.30	21.50
		1	25	20.22	20.54	20.79	21.50
		1	49	20.70	20.82	20.55	21.50
		25	0	20.52	20.37	20.70	21.50
		25	13	20.48	20.70	20.87	21.50
		25	25	20.56	20.65	20.84	21.50
		50	0	20.48	20.53	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.55	20.44	20.85	21.50
		1	38	20.53	20.55	20.74	21.50
		1	74	20.36	20.72	20.55	21.50
		36	0	20.57	20.71	20.85	21.50
		36	18	20.62	20.61	20.78	21.50
		36	39	20.52	20.80	20.75	21.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 98 of 960

		75	0	20.58	20.58	20.84	21.50
	16QAM	1	0	20.76	20.75	20.85	21.50
		1	38	20.47	20.66	20.97	21.50
		1	74	20.92	21.09	21.04	21.50
		36	0	20.51	20.57	20.91	21.50
		36	18	20.40	20.56	20.75	21.50
		36	39	20.52	20.66	20.75	21.50
		75	0	20.61	20.70	20.75	21.50
		64QAM	1	0	20.36	20.47	20.35
	1		38	20.23	20.60	20.64	21.50
	1		74	20.51	20.86	20.52	21.50
	36		0	20.57	20.48	20.89	21.50
	36		18	20.54	20.55	20.84	21.50
	36		39	20.65	20.64	20.67	21.50
	75		0	20.42	20.64	20.82	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18700					18900	19100	
20MHz	QPSK	1	0	20.57	20.54	20.75	21.50
		1	50	20.52	20.53	20.75	21.50
		1	99	20.41	20.77	20.61	21.50
		50	0	20.52	20.63	20.84	21.50
		50	25	20.56	20.68	20.84	21.50
		50	50	20.57	20.76	20.76	21.50
		100	0	20.53	20.68	20.81	21.50
	16QAM	1	0	20.67	20.77	20.79	21.50
		1	50	20.55	20.61	21.02	21.50
		1	99	20.97	21.06	21.03	21.50
		50	0	20.50	20.49	20.81	21.50
		50	25	20.47	20.56	20.83	21.50
		50	50	20.57	20.73	20.74	21.50
		100	0	20.52	20.66	20.76	21.50
	64QAM	1	0	20.34	20.45	20.38	21.50
		1	50	20.29	20.62	20.73	21.50
		1	99	20.61	20.81	20.58	21.50
		50	0	20.51	20.46	20.80	21.50
		50	25	20.45	20.65	20.82	21.50
		50	50	20.56	20.73	20.75	21.50
		100	0	20.51	20.57	20.80	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 99 of 960

LTE Band 2 DSI8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.47	18.50	18.62	19.50
		1	2	18.53	18.67	18.85	19.50
		1	5	18.44	18.73	18.56	19.50
		3	0	18.62	18.53	18.93	19.50
		3	2	18.63	18.71	18.84	19.50
		3	3	18.58	18.63	18.73	19.50
		6	0	18.58	18.72	18.89	19.50
	16QAM	1	0	18.84	18.75	18.87	19.50
		1	2	18.75	18.99	18.92	19.50
		1	5	18.62	18.83	18.78	19.50
		3	0	18.54	18.61	18.89	19.50
		3	2	18.47	18.67	18.83	19.50
		3	3	18.59	18.61	18.78	19.50
		6	0	18.42	18.66	18.68	19.50
	64QAM	1	0	18.67	18.71	18.69	19.50
		1	2	18.57	18.79	18.88	19.50
		1	5	18.60	18.82	18.73	19.50
		3	0	18.49	18.56	18.87	19.50
		3	2	18.55	18.51	18.73	19.50
		3	3	18.60	18.63	18.83	19.50
		6	0	18.56	18.68	18.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.45	18.60	18.72	19.50
		1	7	18.61	18.68	18.77	19.50
		1	14	18.49	18.74	18.70	19.50
		8	0	18.47	18.50	18.84	19.50
		8	4	18.65	18.62	18.78	19.50
		8	7	18.55	18.64	18.71	19.50
		15	0	18.56	18.61	18.76	19.50
	16QAM	1	0	18.80	18.64	18.84	19.50
		1	7	18.69	18.88	18.90	19.50
		1	14	18.71	18.95	18.84	19.50
		8	0	18.58	18.65	18.85	19.50
		8	4	18.58	18.61	18.75	19.50
		8	7	18.51	18.66	18.75	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 101 of 960

		1	25	18.80	18.88	18.90	19.50
		1	49	18.74	18.88	18.79	19.50
		25	0	18.52	18.55	18.90	19.50
		25	13	18.49	18.56	18.76	19.50
		25	25	18.56	18.62	18.83	19.50
		50	0	18.49	18.55	18.85	19.50
	64QAM	1	0	18.66	18.78	18.85	19.50
		1	25	18.70	18.88	18.89	19.50
		1	49	18.63	18.80	18.76	19.50
		25	0	18.61	18.58	18.74	19.50
		25	13	18.63	18.56	18.75	19.50
		25	25	18.43	18.77	18.64	19.50
		50	0	18.54	18.53	18.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.38	18.44	18.75	19.50
		1	38	18.53	18.70	18.76	19.50
		1	74	18.49	18.77	18.66	19.50
		36	0	18.56	18.64	18.84	19.50
		36	18	18.55	18.64	18.89	19.50
		36	39	18.46	18.65	18.73	19.50
		75	0	18.56	18.63	18.86	19.50
	16QAM	1	0	18.80	18.69	19.00	19.50
		1	38	18.86	18.87	18.87	19.50
		1	74	18.55	18.88	18.90	19.50
		36	0	18.49	18.73	18.88	19.50
		36	18	18.61	18.61	18.89	19.50
		36	39	18.52	18.70	18.64	19.50
		75	0	18.51	18.54	18.84	19.50
	64QAM	1	0	18.62	18.78	18.78	19.50
		1	38	18.58	18.94	18.98	19.50
		1	74	18.67	18.85	18.77	19.50
		36	0	18.61	18.51	18.81	19.50
		36	18	18.49	18.52	18.86	19.50
		36	39	18.57	18.79	18.68	19.50
		75	0	18.57	18.73	18.72	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.46	18.51	18.70	19.50
		1	50	18.63	18.67	18.81	19.50
		1	99	18.52	18.70	18.62	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 102 of 960

		50	0	18.52	18.58	18.83	19.50
		50	25	18.55	18.65	18.85	19.50
		50	50	18.56	18.71	18.73	19.50
		100	0	18.51	18.62	18.81	19.50
	16QAM	1	0	18.77	18.71	18.94	19.50
		1	50	18.77	18.91	18.96	19.50
		1	99	18.65	18.88	18.86	19.50
		50	0	18.53	18.64	18.82	19.50
		50	25	18.54	18.63	18.83	19.50
		50	50	18.55	18.71	18.74	19.50
		100	0	18.50	18.63	18.76	19.50
	64QAM	1	0	18.57	18.68	18.78	19.50
		1	50	18.67	18.86	18.97	19.50
		1	99	18.58	18.75	18.77	19.50
		50	0	18.51	18.54	18.80	19.50
		50	25	18.53	18.59	18.78	19.50
		50	50	18.52	18.72	18.74	19.50
		100	0	18.51	18.63	18.79	19.50

LTE Band 2 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.40	16.50	16.82	17.50
		1	2	16.42	16.67	16.85	17.50
		1	5	16.56	16.81	16.58	17.50
		3	0	16.50	16.48	16.73	17.50
		3	2	16.62	16.64	16.94	17.50
		3	3	16.42	16.77	16.84	17.50
		6	0	16.46	16.62	16.91	17.50
	16QAM	1	0	16.83	16.76	17.03	17.50
		1	2	16.72	17.04	16.93	17.50
		1	5	17.07	16.89	16.54	17.50
		3	0	16.55	16.58	16.85	17.50
		3	2	16.58	16.53	16.90	17.50
		3	3	16.44	16.73	16.76	17.50
		6	0	16.59	16.63	16.78	17.50
	64QAM	1	0	16.64	16.46	16.92	17.50
		1	2	16.61	16.88	16.67	17.50
		1	5	16.66	16.29	16.70	17.50
		3	0	16.40	16.27	16.76	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 103 of 960

		3	2	16.52	16.72	16.76	17.50
		3	3	16.57	16.80	16.68	17.50
		6	0	16.51	16.65	16.74	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.42	16.53	16.65	17.50
		1	7	16.56	16.80	16.85	17.50
		1	14	16.52	16.69	16.61	17.50
		8	0	16.56	16.59	16.78	17.50
		8	4	16.47	16.63	16.83	17.50
		8	7	16.53	16.74	16.75	17.50
		15	0	16.61	16.74	16.77	17.50
	16QAM	1	0	16.84	16.82	17.01	17.50
		1	7	16.67	17.16	16.95	17.50
		1	14	16.90	16.99	16.68	17.50
		8	0	16.41	16.63	16.82	17.50
		8	4	16.55	16.65	16.82	17.50
		8	7	16.51	16.75	16.68	17.50
		15	0	16.44	16.71	16.69	17.50
	64QAM	1	0	16.61	16.38	16.85	17.50
		1	7	16.73	16.75	16.81	17.50
		1	14	16.70	16.42	16.83	17.50
		8	0	16.43	16.34	16.75	17.50
		8	4	16.42	16.57	16.76	17.50
		8	7	16.54	16.74	16.80	17.50
		15	0	16.43	16.60	16.84	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.37	16.45	16.75	17.50
		1	13	16.44	16.80	16.81	17.50
		1	24	16.50	16.66	16.65	17.50
		12	0	16.64	16.53	16.73	17.50
		12	6	16.54	16.71	16.93	17.50
		12	13	16.52	16.77	16.88	17.50
		25	0	16.43	16.66	16.75	17.50
	16QAM	1	0	16.69	16.66	17.09	17.50
		1	13	16.56	17.07	16.89	17.50
		1	24	17.04	17.02	16.53	17.50
		12	0	16.50	16.62	16.92	17.50
		12	6	16.46	16.68	16.87	17.50
		12	13	16.57	16.71	16.72	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 105 of 960

		1	38	16.66	17.14	16.77	17.50	
		1	74	16.96	16.98	16.53	17.50	
		36	0	16.45	16.65	16.85	17.50	
		36	18	16.56	16.57	16.90	17.50	
		36	39	16.52	16.78	16.80	17.50	
		75	0	16.49	16.68	16.83	17.50	
		64QAM	1	0	16.54	16.31	17.01	17.50
			1	38	16.54	16.87	16.83	17.50
			1	74	16.60	16.38	16.75	17.50
			36	0	16.51	16.22	16.74	17.50
			36	18	16.40	16.61	16.87	17.50
			36	39	16.47	16.63	16.78	17.50
	75	0	16.55	16.74	16.87	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	16.47	16.43	16.74	17.50	
		1	50	16.49	16.72	16.83	17.50	
		1	99	16.52	16.76	16.56	17.50	
		50	0	16.55	16.57	16.83	17.50	
		50	25	16.54	16.64	16.85	17.50	
		50	50	16.52	16.74	16.79	17.50	
		100	0	16.52	16.67	16.83	17.50	
	16QAM	1	0	16.78	16.72	17.01	17.50	
		1	50	16.66	17.14	16.85	17.50	
		1	99	16.97	16.99	16.60	17.50	
		50	0	16.50	16.55	16.83	17.50	
		50	25	16.53	16.61	16.83	17.50	
		50	50	16.51	16.71	16.78	17.50	
		100	0	16.50	16.63	16.78	17.50	
	64QAM	1	0	16.62	16.40	16.94	17.50	
		1	50	16.64	16.85	16.74	17.50	
		1	99	16.70	16.37	16.74	17.50	
		50	0	16.50	16.27	16.82	17.50	
		50	25	16.49	16.64	16.82	17.50	
		50	50	16.51	16.72	16.73	17.50	
		100	0	16.50	16.64	16.77	17.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 106 of 960

LTE Band 2 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.92	15.03	15.22	16.00
		1	2	14.93	15.16	15.34	16.00
		1	5	15.00	15.23	15.08	16.00
		3	0	15.10	15.05	15.39	16.00
		3	2	14.98	15.19	15.41	16.00
		3	3	15.04	15.17	15.21	16.00
	16QAM	6	0	15.06	15.13	15.35	16.00
		1	0	14.96	15.37	15.60	16.00
		1	2	15.06	15.56	15.56	16.00
		1	5	15.23	15.59	15.41	16.00
		3	0	14.98	15.13	15.42	16.00
		3	2	15.13	15.16	15.31	16.00
		3	3	15.01	15.24	15.36	16.00
		6	0	15.04	15.09	15.36	16.00
	64QAM	1	0	15.11	15.01	15.51	16.00
		1	2	15.29	15.34	15.72	16.00
		1	5	15.19	15.23	15.21	16.00
		3	0	15.06	14.99	15.42	16.00
		3	2	15.11	15.04	15.39	16.00
		3	3	14.96	15.17	15.19	16.00
		6	0	14.96	15.12	15.38	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	15.09	15.04	15.11	16.00
		1	7	15.09	15.18	15.36	16.00
		1	14	14.99	15.20	15.07	16.00
		8	0	14.94	14.98	15.36	16.00
		8	4	14.93	15.10	15.35	16.00
		8	7	15.02	15.25	15.21	16.00
		15	0	14.91	15.04	15.26	16.00
	16QAM	1	0	15.04	15.29	15.66	16.00
		1	7	15.08	15.45	15.59	16.00
		1	14	15.20	15.61	15.51	16.00
		8	0	15.01	15.03	15.41	16.00
		8	4	14.93	15.12	15.30	16.00
		8	7	15.12	15.19	15.30	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 109 of 960

		50	0	15.02	15.07	15.35	16.00
		50	25	15.03	15.11	15.38	16.00
		50	50	15.03	15.21	15.28	16.00
		100	0	15.01	15.13	15.36	16.00
	16QAM	1	0	15.06	15.27	15.60	16.00
		1	50	15.16	15.50	15.64	16.00
		1	99	15.23	15.57	15.49	16.00
		50	0	15.01	15.05	15.36	16.00
		50	25	15.03	15.12	15.35	16.00
		50	50	15.07	15.23	15.28	16.00
		100	0	15.02	15.12	15.31	16.00
	64QAM	1	0	15.18	15.10	15.42	16.00
		1	50	15.21	15.38	15.63	16.00
		1	99	15.12	15.31	15.31	16.00
		50	0	15.01	15.05	15.32	16.00
		50	25	15.02	15.12	15.32	16.00
		50	50	15.05	15.24	15.26	16.00
		100	0	15.00	15.13	15.29	16.00

LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.21	23.47	23.75	24.50
		1	2	23.46	23.66	23.56	24.50
		1	5	23.72	24.03	23.59	24.50
		3	0	23.40	23.42	23.56	24.50
		3	2	23.57	23.56	23.69	24.50
		3	3	23.66	23.90	23.47	24.50
		6	0	22.65	22.79	22.83	23.50
	16QAM	1	0	22.45	22.73	22.94	23.50
		1	2	22.88	22.48	22.87	23.50
		1	5	22.88	23.10	22.74	23.50
		3	0	22.53	22.74	22.81	23.50
		3	2	22.88	22.48	22.88	23.50
		3	3	22.83	22.92	22.72	23.50
		6	0	21.80	21.67	21.62	22.50
	64QAM	1	0	21.10	21.53	21.69	22.50
		1	2	21.33	21.53	21.67	22.50
		1	5	21.69	21.54	21.69	22.50
		3	0	21.46	21.65	21.64	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 112 of 960

		1	38	22.83	22.44	22.82	23.50
		1	74	22.71	23.08	22.62	23.50
		36	0	21.66	21.62	21.64	22.50
		36	18	21.78	21.67	21.67	22.50
		36	39	21.83	21.67	21.79	22.50
		75	0	21.75	21.72	21.71	22.50
	64QAM	1	0	21.50	21.65	21.50	22.50
		1	38	21.22	21.51	21.59	22.50
		1	74	21.83	21.53	21.82	22.50
		36	0	20.67	20.74	20.71	21.50
		36	18	20.68	20.73	20.73	21.50
		36	39	20.72	20.63	20.46	21.50
		75	0	20.71	20.61	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.31	23.51	23.65	24.50
		1	50	23.50	23.62	23.64	24.50
		1	99	23.69	23.98	23.51	24.50
		50	0	22.61	22.69	22.39	23.50
		50	25	22.68	22.76	22.90	23.50
		50	50	22.74	22.88	22.39	23.50
	16QAM	100	0	22.68	22.77	22.88	23.50
		1	0	22.53	22.74	22.88	23.50
		1	50	22.83	22.50	22.87	23.50
		1	99	22.80	23.01	22.72	23.50
		50	0	21.69	21.68	21.69	22.50
		50	25	21.76	21.72	21.68	22.50
	64QAM	50	50	21.73	21.72	21.69	22.50
		100	0	21.72	21.65	21.70	22.50
		1	0	21.10	21.62	21.59	22.50
		1	50	21.30	21.55	21.63	22.50
		1	99	21.75	21.45	21.76	22.50
		50	0	20.70	20.67	20.64	21.50
		50	25	20.74	20.70	20.69	21.50
		50	50	20.75	20.71	20.38	21.50
		100	0	20.73	20.65	20.70	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 113 of 960

LTE Band 4 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.69	20.56	20.62	21.50
		1	2	20.46	20.59	20.71	21.50
		1	5	20.72	20.78	20.48	21.50
		3	0	20.72	20.79	20.73	21.50
		3	2	20.69	20.71	20.69	21.50
		3	3	20.86	20.73	20.66	21.50
		6	0	20.85	20.59	20.68	21.50
	16QAM	1	0	20.93	20.84	20.79	21.50
		1	2	20.56	20.94	20.78	21.50
		1	5	20.74	20.68	20.89	21.50
		3	0	20.70	20.76	20.48	21.50
		3	2	20.66	20.73	20.27	21.50
		3	3	20.78	20.79	20.58	21.50
		6	0	20.78	20.71	20.66	21.50
	64QAM	1	0	20.79	20.54	20.61	21.50
		1	2	20.79	20.58	20.81	21.50
		1	5	20.67	20.48	20.72	21.50
		3	0	20.75	20.73	20.70	21.50
		3	2	20.74	20.70	20.66	21.50
		3	3	20.76	20.68	20.78	21.50
		6	0	20.69	20.59	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.79	20.51	20.62	21.50
		1	7	20.52	20.57	20.62	21.50
		1	14	20.57	20.76	20.50	21.50
		8	0	20.81	20.65	20.74	21.50
		8	4	20.82	20.65	20.71	21.50
		8	7	20.78	20.81	20.79	21.50
		15	0	20.74	20.66	20.72	21.50
	16QAM	1	0	20.93	20.81	20.69	21.50
		1	7	20.50	20.98	20.75	21.50
		1	14	20.87	20.66	20.78	21.50
		8	0	20.64	20.71	20.46	21.50
		8	4	20.69	20.65	20.25	21.50
		8	7	20.74	20.80	20.42	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 115 of 960

		1	25	20.53	21.04	20.66	21.50
		1	49	20.83	20.83	20.79	21.50
		25	0	20.80	20.65	20.42	21.50
		25	13	20.84	20.72	20.38	21.50
		25	25	20.77	20.71	20.48	21.50
		50	0	20.73	20.60	20.48	21.50
	64QAM	1	0	20.87	20.53	20.52	21.50
		1	25	20.73	20.58	20.78	21.50
		1	49	20.72	20.52	20.70	21.50
		25	0	20.70	20.76	20.73	21.50
		25	13	20.76	20.70	20.66	21.50
		25	25	20.82	20.64	20.65	21.50
		50	0	20.82	20.51	20.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.81	20.55	20.58	21.50
		1	38	20.62	20.57	20.68	21.50
		1	74	20.62	20.79	20.47	21.50
		36	0	20.73	20.69	20.67	21.50
		36	18	20.88	20.71	20.78	21.50
		36	39	20.87	20.76	20.68	21.50
	16QAM	75	0	20.80	20.68	20.79	21.50
		1	0	20.89	20.79	20.77	21.50
		1	38	20.40	20.89	20.76	21.50
		1	74	20.83	20.65	20.87	21.50
		36	0	20.66	20.79	20.30	21.50
		36	18	20.84	20.71	20.32	21.50
	64QAM	36	39	20.72	20.77	20.46	21.50
		75	0	20.71	20.71	20.67	21.50
		1	0	20.84	20.57	20.48	21.50
		1	38	20.80	20.78	20.79	21.50
		1	74	20.57	20.59	20.74	21.50
		36	0	20.68	20.81	20.61	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.73	20.58	20.65	21.50
		1	50	20.55	20.65	20.62	21.50
		1	99	20.65	20.76	20.57	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 116 of 960

		50	0	20.73	20.69	20.70	21.50
		50	25	20.78	20.69	20.69	21.50
		50	50	20.77	20.75	20.75	21.50
		100	0	20.77	20.67	20.73	21.50
	16QAM	1	0	20.86	20.74	20.79	21.50
		1	50	20.48	20.99	20.70	21.50
		1	99	20.83	20.73	20.81	21.50
		50	0	20.70	20.69	20.38	21.50
		50	25	20.74	20.72	20.32	21.50
		50	50	20.76	20.70	20.51	21.50
		100	0	20.75	20.66	20.57	21.50
	64QAM	1	0	20.81	20.57	20.54	21.50
		1	50	20.78	20.68	20.74	21.50
		1	99	20.64	20.51	20.65	21.50
		50	0	20.71	20.72	20.71	21.50
		50	25	20.77	20.72	20.68	21.50
		50	50	20.76	20.72	20.71	21.50
		100	0	20.75	20.60	20.71	21.50

LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.16	19.19	19.18	20.00
		1	2	19.15	19.11	19.29	20.00
		1	5	19.13	19.20	19.14	20.00
		3	0	19.24	19.19	19.20	20.00
		3	2	19.32	19.24	19.20	20.00
		3	3	19.36	19.22	19.26	20.00
		6	0	19.26	19.30	19.16	20.00
	16QAM	1	0	19.39	19.26	19.29	20.00
		1	2	19.48	19.50	19.59	20.00
		1	5	19.40	19.16	19.35	20.00
		3	0	19.23	19.13	19.04	20.00
		3	2	19.20	19.26	19.03	20.00
		3	3	19.11	19.21	19.10	20.00
		6	0	19.27	19.08	19.28	20.00
	64QAM	1	0	19.41	19.30	19.01	20.00
		1	2	19.40	19.36	19.40	20.00
		1	5	18.97	19.34	19.19	20.00
		3	0	19.07	19.20	19.25	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 117 of 960

		3	2	19.19	19.28	19.22	20.00
		3	3	19.30	19.23	19.13	20.00
		6	0	19.29	19.10	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.21	19.23	19.09	20.00
		1	7	19.34	19.25	19.18	20.00
		1	14	19.14	19.24	19.02	20.00
		8	0	19.13	19.29	19.20	20.00
		8	4	19.22	19.10	19.18	20.00
		8	7	19.20	19.24	19.16	20.00
		15	0	19.21	19.27	19.25	20.00
	16QAM	1	0	19.28	19.43	19.26	20.00
		1	7	19.63	19.53	19.65	20.00
		1	14	19.43	19.19	19.40	20.00
		8	0	19.22	19.21	19.22	20.00
		8	4	19.20	19.13	19.09	20.00
		8	7	19.25	19.27	19.23	20.00
		15	0	19.24	19.05	19.21	20.00
	64QAM	1	0	19.27	19.31	19.13	20.00
		1	7	19.39	19.48	19.40	20.00
		1	14	18.90	19.48	19.23	20.00
		8	0	19.08	19.13	19.15	20.00
		8	4	19.17	19.15	19.18	20.00
		8	7	19.18	19.24	19.08	20.00
		15	0	19.17	19.18	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.20	19.22	19.14	20.00
		1	13	19.29	19.24	19.29	20.00
		1	24	19.22	19.20	19.05	20.00
		12	0	19.12	19.21	19.14	20.00
		12	6	19.28	19.29	19.14	20.00
		12	13	19.37	19.27	19.19	20.00
		25	0	19.32	19.16	19.22	20.00
	16QAM	1	0	19.39	19.26	19.20	20.00
		1	13	19.48	19.50	19.59	20.00
		1	24	19.42	19.30	19.43	20.00
		12	0	19.15	19.15	19.18	20.00
		12	6	19.13	19.15	19.02	20.00
		12	13	19.28	19.15	19.26	20.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 118 of 960

		25	0	19.19	19.03	19.22	20.00
	64QAM	1	0	19.45	19.35	19.14	20.00
		1	13	19.47	19.36	19.35	20.00
		1	24	18.94	19.30	19.32	20.00
		12	0	19.10	19.13	19.19	20.00
		12	6	19.18	19.11	19.27	20.00
		12	13	19.31	19.11	19.26	20.00
		25	0	19.33	19.19	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.16	19.23	18.99	20.00
		1	25	19.30	19.16	19.15	20.00
		1	49	19.26	19.20	19.07	20.00
		25	0	19.28	19.11	19.25	20.00
		25	13	19.26	19.16	19.13	20.00
		25	25	19.22	19.26	19.19	20.00
		50	0	19.24	19.12	19.23	20.00
	16QAM	1	0	19.41	19.25	19.34	20.00
		1	25	19.61	19.52	19.47	20.00
		1	49	19.32	19.17	19.55	20.00
		25	0	19.11	19.08	19.17	20.00
		25	13	19.21	19.10	19.03	20.00
		25	25	19.15	19.26	19.22	20.00
		50	0	19.21	19.11	19.29	20.00
	64QAM	1	0	19.37	19.37	19.12	20.00
		1	25	19.36	19.51	19.40	20.00
		1	49	18.92	19.41	19.29	20.00
		25	0	19.13	19.21	19.17	20.00
		25	13	19.23	19.12	19.12	20.00
		25	25	19.32	19.13	19.26	20.00
		50	0	19.20	19.18	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.22	19.29	19.06	20.00
		1	38	19.21	19.08	19.20	20.00
		1	74	19.19	19.32	19.15	20.00
		36	0	19.31	19.27	19.27	20.00
		36	18	19.21	19.16	19.17	20.00
		36	39	19.18	19.21	19.21	20.00
		75	0	19.18	19.19	19.12	20.00
	16QAM	1	0	19.28	19.42	19.32	20.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 119 of 960

		1	38	19.51	19.47	19.55	20.00
		1	74	19.37	19.21	19.38	20.00
		36	0	19.13	19.09	19.06	20.00
		36	18	19.24	19.17	19.14	20.00
		36	39	19.19	19.15	19.17	20.00
		75	0	19.14	19.05	19.19	20.00
	64QAM	1	0	19.37	19.27	19.08	20.00
		1	38	19.47	19.39	19.31	20.00
		1	74	18.92	19.50	19.36	20.00
		36	0	19.26	19.24	19.21	20.00
		36	18	19.17	19.14	19.27	20.00
		36	39	19.14	19.08	19.07	20.00
		75	0	19.18	19.03	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.24	19.13	19.09	20.00
		1	50	19.24	19.17	19.19	20.00
		1	99	19.21	19.26	19.11	20.00
		50	0	19.21	19.19	19.18	20.00
		50	25	19.28	19.20	19.11	20.00
		50	50	19.28	19.21	19.17	20.00
	16QAM	100	0	19.24	19.20	19.16	20.00
		1	0	19.31	19.35	19.25	20.00
		1	50	19.56	19.53	19.57	20.00
		1	99	19.37	19.20	19.45	20.00
		50	0	19.19	19.18	19.12	20.00
		50	25	19.23	19.17	19.07	20.00
	64QAM	50	50	19.21	19.17	19.18	20.00
		100	0	19.22	19.12	19.19	20.00
		1	0	19.37	19.32	19.07	20.00
		1	50	19.46	19.43	19.37	20.00
		1	99	18.99	19.40	19.27	20.00
		50	0	19.17	19.19	19.20	20.00
		50	25	19.25	19.19	19.19	20.00
		50	50	19.23	19.15	19.17	20.00
		100	0	19.24	19.11	19.20	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 120 of 960

LTE Band 4 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.16	18.16	18.08	19.00
		1	2	18.18	18.12	18.28	19.00
		1	5	18.23	18.11	18.24	19.00
		3	0	18.26	18.20	18.20	19.00
		3	2	18.25	18.11	18.33	19.00
		3	3	18.37	18.08	18.29	19.00
		6	0	18.15	18.27	18.26	19.00
	16QAM	1	0	18.66	18.38	18.52	19.00
		1	2	18.44	18.51	18.35	19.00
		1	5	18.59	18.27	18.62	19.00
		3	0	18.24	18.06	18.08	19.00
		3	2	18.23	18.26	18.15	19.00
		3	3	18.20	18.19	18.24	19.00
		6	0	18.23	18.23	18.25	19.00
	64QAM	1	0	18.44	18.14	18.16	19.00
		1	2	18.40	18.26	18.24	19.00
		1	5	18.25	18.21	18.12	19.00
		3	0	18.19	18.08	18.04	19.00
		3	2	18.16	17.96	17.99	19.00
		3	3	18.23	17.89	18.13	19.00
		6	0	18.13	18.04	18.19	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.26	18.02	18.17	19.00
		1	7	18.20	18.08	18.15	19.00
		1	14	18.18	18.16	18.20	19.00
		8	0	18.11	18.24	18.14	19.00
		8	4	18.19	18.15	18.30	19.00
		8	7	18.27	18.12	18.37	19.00
		15	0	18.14	18.13	18.24	19.00
	16QAM	1	0	18.62	18.35	18.33	19.00
		1	7	18.42	18.41	18.44	19.00
		1	14	18.45	18.32	18.44	19.00
		8	0	18.09	18.20	18.15	19.00
		8	4	18.23	18.09	18.11	19.00
		8	7	18.20	18.23	18.06	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 122 of 960

		1	25	18.36	18.36	18.33	19.00	
		1	49	18.60	18.20	18.44	19.00	
		25	0	18.07	18.22	18.27	19.00	
		25	13	18.24	18.25	18.14	19.00	
		25	25	18.31	18.25	18.15	19.00	
		50	0	18.17	18.14	18.21	19.00	
	64QAM	1	0	18.47	18.07	18.10	19.00	
		1	25	18.33	18.35	18.38	19.00	
		1	49	18.26	18.34	17.94	19.00	
		25	0	18.22	18.08	18.21	19.00	
		25	13	18.16	18.00	17.98	19.00	
		25	25	18.32	18.06	18.01	19.00	
	50	0	18.33	18.07	18.25	19.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20025					20175	20325		
15MHz	QPSK	1	0	18.27	18.10	18.09	19.00	
		1	38	18.29	18.03	18.24	19.00	
		1	74	18.19	18.08	18.10	19.00	
		36	0	18.21	18.25	18.10	19.00	
		36	18	18.21	18.09	18.26	19.00	
		36	39	18.17	18.12	18.36	19.00	
		75	0	18.22	18.11	18.15	19.00	
	16QAM	1	0	18.72	18.33	18.40	19.00	
		1	38	18.33	18.42	18.46	19.00	
		1	74	18.57	18.22	18.54	19.00	
		36	0	18.27	18.06	18.25	19.00	
		36	18	18.33	18.21	18.08	19.00	
		36	39	18.31	18.28	18.20	19.00	
		75	0	18.16	18.17	18.13	19.00	
	64QAM	1	0	18.45	18.17	18.00	19.00	
		1	38	18.33	18.35	18.32	19.00	
		1	74	18.32	18.30	18.09	19.00	
		36	0	18.10	18.22	18.19	19.00	
		36	18	18.24	17.97	18.04	19.00	
		36	39	18.28	17.91	18.10	19.00	
		75	0	18.24	17.94	18.27	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	18.18	18.06	18.10	19.00
1			50	18.20	18.11	18.18	19.00	
1			99	18.17	18.15	18.14	19.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 123 of 960

		50	0	18.20	18.18	18.18	19.00
		50	25	18.26	18.19	18.23	19.00
		50	50	18.27	18.06	18.27	19.00
		100	0	18.24	18.18	18.17	19.00
	16QAM	1	0	18.67	18.34	18.42	19.00
		1	50	18.38	18.44	18.38	19.00
		1	99	18.51	18.23	18.52	19.00
		50	0	18.17	18.13	18.18	19.00
		50	25	18.23	18.18	18.16	19.00
		50	50	18.23	18.19	18.15	19.00
		100	0	18.21	18.14	18.22	19.00
	64QAM	1	0	18.39	18.10	18.10	19.00
		1	50	18.39	18.31	18.28	19.00
		1	99	18.22	18.27	18.04	19.00
		50	0	18.20	18.16	18.12	19.00
		50	25	18.22	17.99	18.00	19.00
		50	50	18.24	17.97	18.09	19.00
		100	0	18.23	18.03	18.18	19.00

LTE Band 4 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.16	17.10	17.20	17.50
		1	2	17.20	17.20	17.27	17.50
		1	5	17.07	17.17	17.24	17.50
		3	0	17.13	17.16	17.26	17.50
		3	2	17.18	17.13	17.16	17.50
		3	3	17.22	17.18	17.34	17.50
		6	0	17.17	17.21	17.23	17.50
	16QAM	1	0	17.07	17.15	17.24	17.50
		1	2	17.26	17.08	17.18	17.50
		1	5	17.36	17.35	17.10	17.50
		3	0	17.21	17.22	17.12	17.50
		3	2	17.18	17.10	17.11	17.50
		3	3	17.19	17.20	17.29	17.50
		6	0	17.09	17.13	17.23	17.50
	64QAM	1	0	16.90	17.11	17.38	17.50
		1	2	17.50	17.28	17.31	17.50
		1	5	17.21	17.37	17.39	17.50
		3	0	17.22	17.06	17.12	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 124 of 960

		3	2	17.16	17.11	17.22	17.50
		3	3	17.29	17.18	17.29	17.50
		6	0	17.24	17.00	17.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.24	17.02	17.13	17.50
		1	7	17.19	17.19	17.17	17.50
		1	14	17.18	17.19	17.10	17.50
		8	0	17.12	17.11	17.19	17.50
		8	4	17.25	17.31	17.24	17.50
		8	7	17.14	17.12	17.32	17.50
		15	0	17.14	17.30	17.24	17.50
	16QAM	1	0	17.10	17.24	17.39	17.50
		1	7	17.43	17.03	17.07	17.50
		1	14	17.32	17.34	17.05	17.50
		8	0	17.14	17.17	17.21	17.50
		8	4	17.19	17.09	17.13	17.50
		8	7	17.22	17.27	17.10	17.50
		15	0	17.28	17.21	17.06	17.50
	64QAM	1	0	17.05	17.18	17.20	17.50
		1	7	17.35	17.32	17.35	17.50
		1	14	17.31	17.45	17.40	17.50
		8	0	17.23	17.20	17.09	17.50
		8	4	17.14	17.21	17.23	17.50
		8	7	17.24	17.13	17.17	17.50
		15	0	17.12	17.01	17.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.26	17.08	17.19	17.50
		1	13	17.16	17.20	17.16	17.50
		1	24	17.22	17.25	17.15	17.50
		12	0	17.19	17.16	17.26	17.50
		12	6	17.11	17.20	17.20	17.50
		12	13	17.15	17.29	17.17	17.50
		25	0	17.20	17.13	17.32	17.50
	16QAM	1	0	17.04	17.21	17.22	17.50
		1	13	17.33	17.02	17.18	17.50
		1	24	17.44	17.30	17.35	17.50
		12	0	17.12	17.21	17.19	17.50
		12	6	17.16	17.27	17.25	17.50
12		13	17.10	17.13	17.24	17.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 125 of 960

		25	0	17.27	17.15	17.08	17.50
		1	0	17.10	17.18	17.18	17.50
		1	13	17.37	17.29	17.38	17.50
		1	24	17.23	17.36	17.31	17.50
		12	0	17.07	17.13	17.20	17.50
		12	6	17.18	17.13	17.19	17.50
		12	13	17.26	17.11	17.26	17.50
		25	0	17.11	17.03	17.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.29	17.05	17.05	17.50
		1	25	17.20	17.28	17.22	17.50
		1	49	17.05	17.32	17.19	17.50
		25	0	17.13	17.08	17.23	17.50
		25	13	17.18	17.19	17.27	17.50
		25	25	17.11	17.30	17.35	17.50
		50	0	17.22	17.15	17.25	17.50
	16QAM	1	0	17.03	17.27	17.20	17.50
		1	25	17.27	17.03	17.16	17.50
		1	49	17.48	17.38	17.10	17.50
		25	0	17.16	17.14	17.13	17.50
		25	13	17.25	17.29	17.20	17.50
		25	25	17.17	17.13	17.30	17.50
		50	0	17.15	17.15	17.14	17.50
	64QAM	1	0	16.97	17.16	17.33	17.50
		1	25	17.41	17.19	17.33	17.50
		1	49	17.23	17.49	17.43	17.50
		25	0	17.22	17.13	17.10	17.50
		25	13	17.29	17.13	17.11	17.50
		25	25	17.31	17.26	17.30	17.50
		50	0	17.09	17.03	17.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.10	17.14	17.06	17.50
		1	38	17.11	17.25	17.18	17.50
		1	74	17.21	17.34	17.29	17.50
		36	0	17.15	17.10	17.26	17.50
		36	18	17.09	17.16	17.23	17.50
		36	39	17.23	17.18	17.18	17.50
		75	0	17.18	17.24	17.21	17.50
	16QAM	1	0	17.19	17.21	17.21	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 126 of 960

		1	38	17.41	16.95	17.08	17.50	
		1	74	17.36	17.26	17.40	17.50	
		36	0	17.19	17.15	17.14	17.50	
		36	18	17.21	17.10	17.18	17.50	
		36	39	17.16	17.19	17.13	17.50	
		75	0	17.28	17.22	17.12	17.50	
		64QAM	1	0	16.96	17.25	17.24	17.50
			1	38	17.41	17.23	17.37	17.50
			1	74	17.25	17.42	17.40	17.50
			36	0	17.24	17.06	17.12	17.50
			36	18	17.13	17.04	17.22	17.50
			36	39	17.27	17.12	17.27	17.50
	75	0	17.18	17.04	17.25	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	17.24	17.09	17.11	17.50	
		1	50	17.15	17.25	17.26	17.50	
		1	99	17.15	17.26	17.20	17.50	
		50	0	17.18	17.18	17.22	17.50	
		50	25	17.18	17.23	17.24	17.50	
		50	50	17.19	17.21	17.26	17.50	
		100	0	17.17	17.20	17.25	17.50	
	16QAM	1	0	17.10	17.23	17.30	17.50	
		1	50	17.35	17.01	17.10	17.50	
		1	99	17.39	17.36	17.45	17.50	
		50	0	17.21	17.19	17.18	17.50	
		50	25	17.20	17.19	17.16	17.50	
		50	50	17.17	17.20	17.20	17.50	
		100	0	17.19	17.14	17.16	17.50	
	64QAM	1	0	17.00	17.15	17.28	17.50	
		1	50	17.44	17.27	17.33	17.50	
		1	99	17.31	17.44	17.37	17.50	
		50	0	17.15	17.14	17.14	17.50	
		50	25	17.21	17.14	17.13	17.50	
		50	50	17.21	17.21	17.21	17.50	
		100	0	17.16	17.09	17.24	17.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 127 of 960

LTE Band 5 DSI4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.71	23.82	23.67	24.50
		1	2	23.66	23.59	23.77	24.50
		1	5	23.90	23.71	23.57	24.50
		3	0	23.71	23.90	23.69	24.50
		3	2	23.71	23.57	23.83	24.50
		3	3	23.91	23.75	23.51	24.50
		6	0	23.04	23.04	23.16	23.50
	16QAM	1	0	23.07	23.23	23.15	23.50
		1	2	23.26	23.15	22.67	23.50
		1	5	22.98	23.35	23.18	23.50
		3	0	22.96	22.91	23.06	23.50
		3	2	23.02	23.28	23.09	23.50
		3	3	23.32	23.30	22.70	23.50
		6	0	21.97	22.06	21.91	22.50
	64QAM	1	0	22.02	21.60	22.20	22.50
		1	2	21.66	21.77	22.06	22.50
		1	5	21.58	21.76	21.96	22.50
		3	0	22.06	21.59	22.00	22.50
		3	2	21.61	21.67	22.04	22.50
		3	3	21.57	21.67	22.16	22.50
		6	0	20.99	21.00	21.04	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.82	23.90	23.65	24.50
		1	7	23.83	23.60	23.80	24.50
		1	14	23.82	23.77	23.51	24.50
		8	0	23.11	23.09	23.04	23.50
		8	4	23.08	22.94	22.94	23.50
		8	7	22.93	23.08	23.10	23.50
		15	0	22.97	22.90	23.16	23.50
	16QAM	1	0	23.12	23.19	23.10	23.50
		1	7	23.19	23.20	22.61	23.50
		1	14	23.12	23.34	23.08	23.50
		8	0	21.93	21.90	21.93	22.50
		8	4	22.01	22.06	21.95	22.50
		8	7	21.90	22.03	22.01	22.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 128 of 960

		15	0	22.05	22.01	21.79	22.50
	64QAM	1	0	22.15	21.54	22.03	22.50
		1	7	21.52	21.77	21.93	22.50
		1	14	21.67	21.57	21.97	22.50
		8	0	21.06	20.97	20.96	21.50
		8	4	20.95	21.06	21.00	21.50
		8	7	21.00	21.04	21.00	21.50
		15	0	20.96	21.07	21.04	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.81	23.87	23.62	24.50
		1	13	23.73	23.59	23.73	24.50
		1	24	23.79	23.76	23.70	24.50
		12	0	23.06	23.09	23.04	23.50
		12	6	22.94	23.06	22.97	23.50
		12	13	23.02	23.12	23.02	23.50
		25	0	22.90	22.94	22.96	23.50
	16QAM	1	0	23.13	23.18	23.11	23.50
		1	13	23.15	23.23	22.72	23.50
		1	24	23.02	23.34	23.12	23.50
		12	0	21.99	21.98	21.93	22.50
		12	6	21.99	21.99	21.86	22.50
		12	13	21.98	22.04	21.84	22.50
		25	0	22.04	22.08	21.80	22.50
	64QAM	1	0	22.07	21.54	22.10	22.50
		1	13	21.50	21.75	22.01	22.50
		1	24	21.58	21.72	22.13	22.50
		12	0	20.97	20.97	20.98	21.50
		12	6	20.95	21.07	21.00	21.50
		12	13	21.07	21.04	20.96	21.50
		25	0	20.91	20.94	21.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.76	23.80	23.69	24.50
		1	25	23.76	23.50	23.80	24.50
		1	49	23.83	23.68	23.60	24.50
		25	0	23.02	23.01	22.98	23.50
		25	13	23.00	23.02	22.96	23.50
		25	25	22.98	23.02	23.04	23.50
		50	0	22.98	23.00	23.06	23.50
	16QAM	1	0	23.11	23.19	23.05	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 129 of 960

		1	25	23.22	23.23	22.62	23.50
		1	49	23.06	23.29	23.18	23.50
		25	0	21.97	21.98	21.93	22.50
		25	13	21.99	22.00	21.94	22.50
		25	25	21.98	22.01	21.93	22.50
		50	0	21.95	21.98	21.88	22.50
	64QAM	1	0	22.06	21.59	22.10	22.50
		1	25	21.58	21.69	22.00	22.50
		1	49	21.63	21.67	22.06	22.50
		25	0	20.98	21.00	21.04	21.50
		25	13	20.94	20.98	21.04	21.50
		25	25	20.99	20.99	21.03	21.50
		50	0	20.96	20.99	21.04	21.50

LTE Band 5 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.32	22.30	22.15	23.00
		1	2	22.11	22.26	22.24	23.00
		1	5	22.21	22.32	22.27	23.00
		3	0	22.13	22.31	22.34	23.00
		3	2	22.23	22.34	22.34	23.00
		3	3	22.25	22.31	22.14	23.00
		6	0	22.16	22.26	22.25	23.00
	16QAM	1	0	22.41	22.48	22.40	23.00
		1	2	22.53	22.33	22.52	23.00
		1	5	22.52	22.55	22.44	23.00
		3	0	22.07	22.04	22.02	23.00
		3	2	22.00	22.10	22.15	23.00
		3	3	22.03	22.05	22.08	23.00
		6	0	21.93	22.02	21.95	22.50
	64QAM	1	0	21.69	21.59	22.08	22.50
		1	2	21.55	21.80	22.05	22.50
		1	5	21.64	21.61	21.95	22.50
		3	0	21.69	21.53	22.17	22.50
		3	2	21.64	21.70	22.10	22.50
		3	3	21.68	21.77	22.07	22.50
		6	0	21.02	20.92	20.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 130 of 960

3MHz	QPSK	1	0	22.24	22.35	22.17	23.00
		1	7	22.17	22.30	22.16	23.00
		1	14	22.22	22.24	22.37	23.00
		8	0	22.23	22.27	22.26	23.00
		8	4	22.26	22.28	22.16	23.00
		8	7	22.18	22.27	22.12	23.00
		15	0	22.21	22.20	22.29	23.00
	16QAM	1	0	22.03	22.47	22.43	23.00
		1	7	22.43	22.32	22.51	23.00
		1	14	22.39	22.37	22.52	23.00
		8	0	21.98	21.96	22.00	22.50
		8	4	22.05	22.09	21.99	22.50
		8	7	22.08	22.00	22.00	22.50
		15	0	22.05	22.00	22.09	22.50
	64QAM	1	0	21.72	21.65	21.99	22.50
		1	7	21.53	21.72	21.93	22.50
		1	14	21.51	21.67	22.14	22.50
		8	0	20.87	21.04	21.02	21.50
		8	4	21.05	21.04	20.96	21.50
		8	7	20.94	21.11	21.14	21.50
		15	0	20.91	20.91	20.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.37	22.28	22.16	23.00
		1	13	22.22	22.35	22.23	23.00
		1	24	22.15	22.37	22.17	23.00
		12	0	22.26	22.29	22.24	23.00
		12	6	22.21	22.22	22.24	23.00
		12	13	22.18	22.27	22.28	23.00
		25	0	22.09	22.19	22.24	23.00
	16QAM	1	0	22.30	22.52	22.52	23.00
		1	13	22.52	22.44	22.44	23.00
		1	24	22.55	22.38	22.46	23.00
		12	0	22.03	21.95	22.11	22.50
		12	6	22.04	22.03	22.07	22.50
		12	13	22.04	22.01	21.91	22.50
		25	0	22.00	22.08	21.99	22.50
	64QAM	1	0	21.65	21.57	22.09	22.50
		1	13	21.52	21.77	22.01	22.50
		1	24	21.68	21.79	22.13	22.50
		12	0	20.99	20.94	21.05	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 131 of 960

		12	6	21.00	21.09	21.04	21.50
		12	13	20.91	21.03	21.14	21.50
		25	0	20.98	20.96	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.28	22.25	22.20	23.00
		1	25	22.15	22.28	22.26	23.00
		1	49	22.15	22.27	22.27	23.00
		25	0	22.22	22.27	22.26	23.00
		25	13	22.21	22.27	22.25	23.00
		25	25	22.23	22.26	22.22	23.00
		50	0	22.18	22.24	22.25	23.00
	16QAM	1	0	22.04	22.46	22.49	23.00
		1	25	22.43	22.41	22.47	23.00
		1	49	22.49	22.47	22.43	23.00
		25	0	21.99	21.99	22.02	22.50
		25	13	21.95	21.99	22.04	22.50
		25	25	22.01	22.05	22.01	22.50
		50	0	21.97	22.01	22.03	22.50
	64QAM	1	0	21.62	21.61	22.07	22.50
		1	25	21.61	21.72	22.00	22.50
		1	49	21.60	21.69	22.05	22.50
		25	0	20.96	21.01	20.97	21.50
		25	13	20.97	21.00	21.04	21.50
		25	25	20.97	21.02	21.04	21.50
		50	0	20.97	21.00	21.04	21.50

LTE Band 5 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.30	21.24	21.18	22.00
		1	2	21.26	21.16	21.38	22.00
		1	5	21.23	21.37	21.28	22.00
		3	0	21.15	21.16	21.27	22.00
		3	2	21.30	21.22	21.20	22.00
		3	3	21.25	21.34	21.23	22.00
		6	0	21.27	21.33	21.24	22.00
	16QAM	1	0	21.44	21.38	21.30	22.00
		1	2	21.33	21.47	21.55	22.00
		1	5	21.44	21.52	21.40	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 132 of 960

		3	0	21.14	21.29	21.23	22.00
		3	2	21.10	21.22	21.23	22.00
		3	3	21.24	21.16	21.38	22.00
		6	0	21.17	21.28	21.37	22.00
	64QAM	1	0	21.34	21.30	21.21	22.00
		1	2	21.14	21.43	21.46	22.00
		1	5	21.13	21.25	21.02	22.00
		3	0	21.04	21.07	21.01	22.00
		3	2	21.05	21.03	21.14	22.00
		3	3	21.07	21.05	21.14	22.00
		6	0	21.07	20.94	21.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.18	21.31	21.30	22.00
		1	7	21.15	21.24	21.29	22.00
		1	14	21.19	21.35	21.38	22.00
		8	0	21.30	21.33	21.16	22.00
		8	4	21.17	21.24	21.34	22.00
		8	7	21.25	21.29	21.24	22.00
		15	0	21.27	21.31	21.23	22.00
	16QAM	1	0	21.45	21.36	21.35	22.00
		1	7	21.37	21.53	21.53	22.00
		1	14	21.48	21.48	21.31	22.00
		8	0	21.23	21.16	21.31	22.00
		8	4	21.14	21.22	21.29	22.00
		8	7	21.17	21.27	21.27	22.00
		15	0	21.27	21.31	21.30	22.00
	64QAM	1	0	21.19	21.33	21.17	22.00
		1	7	21.16	21.44	21.41	22.00
		1	14	21.03	21.19	21.01	22.00
		8	0	20.93	21.04	20.95	21.50
		8	4	21.05	21.05	21.10	21.50
		8	7	21.01	20.90	21.14	21.50
		15	0	20.95	20.92	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.30	21.27	21.13	22.00
		1	13	21.17	21.16	21.37	22.00
		1	24	21.21	21.26	21.32	22.00
		12	0	21.25	21.35	21.11	22.00
		12	6	21.24	21.22	21.30	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 133 of 960

		12	13	21.32	21.33	21.17	22.00
		25	0	21.14	21.24	21.22	22.00
	16QAM	1	0	21.44	21.26	21.40	22.00
		1	13	21.40	21.55	21.62	22.00
		1	24	21.38	21.43	21.30	22.00
		12	0	21.33	21.25	21.34	22.00
		12	6	21.15	21.24	21.23	22.00
		12	13	21.15	21.14	21.32	22.00
		25	0	21.26	21.30	21.22	22.00
		64QAM	1	0	21.27	21.28	21.23
	1		13	21.22	21.30	21.52	22.00
	1		24	21.15	21.23	21.22	22.00
	12		0	21.03	20.95	21.09	21.50
	12		6	20.95	21.00	21.07	21.50
	12		13	21.07	20.89	21.12	21.50
	25		0	21.09	21.03	20.97	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.20	21.27	21.22	22.00
		1	25	21.24	21.25	21.29	22.00
		1	49	21.20	21.31	21.30	22.00
		25	0	21.22	21.26	21.20	22.00
		25	13	21.23	21.30	21.24	22.00
		25	25	21.22	21.27	21.21	22.00
		50	0	21.21	21.25	21.25	22.00
	16QAM	1	0	21.40	21.32	21.31	22.00
		1	25	21.38	21.55	21.54	22.00
		1	49	21.40	21.51	21.37	22.00
		25	0	21.23	21.23	21.29	22.00
		25	13	21.19	21.23	21.33	22.00
		25	25	21.19	21.22	21.32	22.00
		50	0	21.21	21.25	21.32	22.00
	64QAM	1	0	21.28	21.30	21.23	22.00
		1	25	21.15	21.37	21.43	22.00
		1	49	21.12	21.27	21.05	22.00
		25	0	20.99	21.00	21.01	21.50
		25	13	20.96	21.02	21.07	21.50
		25	25	20.98	20.98	21.05	21.50
		50	0	21.00	21.00	21.05	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 134 of 960

LTE Band 7 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.50	23.26	23.65	24.20
		1	13	23.36	23.41	23.24	24.20
		1	24	23.26	23.20	23.31	24.20
		12	0	22.51	22.54	22.51	23.20
		12	6	22.43	22.47	22.44	23.20
		12	13	22.46	22.33	22.58	23.20
	16QAM	25	0	22.41	22.35	22.41	23.20
		1	0	22.74	22.57	22.75	23.20
		1	13	22.54	22.72	22.85	23.20
		1	24	22.59	22.56	22.60	23.20
		12	0	21.49	21.44	21.38	22.20
		12	6	21.44	21.51	21.00	22.20
	64QAM	12	13	21.37	21.30	21.40	22.20
		25	0	21.30	21.34	21.34	22.20
		1	0	21.35	21.50	21.59	22.20
		1	13	21.37	21.33	21.23	22.20
		1	24	21.47	21.32	21.65	22.20
		12	0	20.42	20.32	20.42	21.20
10MHz	QPSK	12	6	20.42	20.45	20.38	21.20
		12	13	20.49	20.32	20.45	21.20
		25	0	20.48	20.39	20.43	21.20
	16QAM	1	0	23.55	23.29	23.50	24.20
		1	25	23.43	23.43	23.27	24.20
		1	49	23.16	23.20	23.19	24.20
	QPSK	25	0	22.64	22.46	22.66	23.20
		25	13	22.53	22.36	22.46	23.20
		25	25	22.39	22.39	22.58	23.20
	16QAM	50	0	22.40	22.44	22.36	23.20
		1	0	22.77	22.66	22.86	23.20
		1	25	22.57	22.79	22.69	23.20
		1	49	22.39	22.68	22.62	23.20
		25	0	21.41	21.49	21.38	22.20
		25	13	21.57	21.46	21.15	22.20
		25	25	21.51	21.35	21.32	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 135 of 960

		50	0	21.41	21.50	21.26	22.20
	64QAM	1	0	21.29	21.45	21.52	22.20
		1	25	21.30	21.35	21.35	22.20
		1	49	21.55	21.39	21.65	22.20
		25	0	20.51	20.25	20.37	21.20
		25	13	20.32	20.32	20.41	21.20
		25	25	20.56	20.22	20.43	21.20
		50	0	20.51	20.33	20.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.57	23.17	23.53	24.20
		1	38	23.48	23.43	23.27	24.20
		1	74	23.24	23.23	23.19	24.20
		36	0	22.52	22.60	22.48	23.20
		36	18	22.52	22.30	22.39	23.20
		36	39	22.38	22.28	22.58	23.20
		75	0	22.43	22.36	22.44	23.20
	16QAM	1	0	22.75	22.51	22.75	23.20
		1	38	22.67	22.78	22.86	23.20
		1	74	22.40	22.63	22.58	23.20
		36	0	21.38	21.60	21.31	22.20
		36	18	21.50	21.52	21.07	22.20
		36	39	21.50	21.46	21.31	22.20
		75	0	21.29	21.34	21.38	22.20
	64QAM	1	0	21.39	21.43	21.59	22.20
		1	38	21.36	21.41	21.32	22.20
		1	74	21.38	21.33	21.65	22.20
		36	0	20.39	20.32	20.51	21.20
		36	18	20.45	20.38	20.58	21.20
		36	39	20.46	20.36	20.48	21.20
		75	0	20.44	20.49	20.43	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.53	23.20	23.55	24.20
		1	50	23.46	23.35	23.32	24.20
		1	99	23.23	23.26	23.27	24.20
		50	0	22.55	22.53	22.56	23.20
		50	25	22.50	22.37	22.42	23.20
		50	50	22.46	22.38	22.55	23.20
		100	0	22.49	22.44	22.39	23.20
	16QAM	1	0	22.78	22.57	22.77	23.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 136 of 960

		1	50	22.62	22.69	22.78	23.20
		1	99	22.49	22.59	22.65	23.20
		50	0	21.44	21.50	21.33	22.20
		50	25	21.48	21.42	21.10	22.20
		50	50	21.42	21.39	21.39	22.20
		100	0	21.34	21.44	21.33	22.20
	64QAM	1	0	21.38	21.40	21.59	22.20
		1	50	21.32	21.32	21.30	22.20
		1	99	21.47	21.39	21.59	22.20
		50	0	20.47	20.33	20.45	21.20
		50	25	20.41	20.36	20.48	21.20
		50	50	20.46	20.29	20.45	21.20
		100	0	20.49	20.41	20.44	21.20

LTE Band 7 DSIS				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.68	18.59	18.46	19.20
		1	13	18.58	18.56	18.48	19.20
		1	24	18.44	18.35	18.50	19.20
		12	0	18.63	18.49	18.50	19.20
		12	6	18.55	18.55	18.46	19.20
		12	13	18.63	18.33	18.46	19.20
		25	0	18.30	18.47	18.45	19.20
	16QAM	1	0	18.89	18.46	18.70	19.20
		1	13	18.87	19.00	18.66	19.20
		1	24	18.68	18.82	18.59	19.20
		12	0	18.61	18.51	18.59	19.20
		12	6	18.73	18.35	18.47	19.20
		12	13	18.12	18.46	18.39	19.20
		25	0	18.61	18.39	18.58	19.20
	64QAM	1	0	18.76	18.50	18.42	19.20
		1	13	18.64	18.81	18.67	19.20
		1	24	18.55	18.51	18.54	19.20
		12	0	18.65	18.46	18.35	19.20
		12	6	18.62	18.58	18.37	19.20
		12	13	18.74	18.34	18.38	19.20
		25	0	18.62	18.58	18.38	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 137 of 960

10MHz	QPSK	1	0	18.74	18.57	18.31	19.20
		1	25	18.53	18.54	18.50	19.20
		1	49	18.45	18.33	18.35	19.20
		25	0	18.69	18.57	18.41	19.20
		25	13	18.57	18.45	18.59	19.20
		25	25	18.61	18.23	18.50	19.20
		50	0	18.27	18.42	18.38	19.20
	16QAM	1	0	18.97	18.43	18.80	19.20
		1	25	18.84	18.91	18.79	19.20
		1	49	18.64	18.78	18.77	19.20
		25	0	18.74	18.53	18.55	19.20
		25	13	18.65	18.43	18.51	19.20
		25	25	18.18	18.56	18.58	19.20
		50	0	18.64	18.40	18.54	19.20
	64QAM	1	0	18.76	18.58	18.54	19.20
		1	25	18.83	18.72	18.58	19.20
		1	49	18.53	18.63	18.62	19.20
		25	0	18.65	18.57	18.43	19.20
		25	13	18.55	18.50	18.41	19.20
		25	25	18.70	18.30	18.40	19.20
		50	0	18.46	18.43	18.35	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.67	18.58	18.40	19.20
		1	38	18.44	18.51	18.60	19.20
		1	74	18.38	18.42	18.40	19.20
		36	0	18.68	18.45	18.57	19.20
		36	18	18.70	18.54	18.63	19.20
		36	39	18.54	18.29	18.47	19.20
		75	0	18.40	18.43	18.53	19.20
	16QAM	1	0	18.87	18.56	18.82	19.20
		1	38	18.89	18.91	18.79	19.20
		1	74	18.67	18.85	18.71	19.20
		36	0	18.70	18.58	18.51	19.20
		36	18	18.58	18.39	18.41	19.20
		36	39	18.15	18.55	18.40	19.20
		75	0	18.71	18.34	18.51	19.20
	64QAM	1	0	18.63	18.54	18.54	19.20
		1	38	18.76	18.82	18.67	19.20
		1	74	18.52	18.67	18.56	19.20
		36	0	18.67	18.49	18.41	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 138 of 960

		36	18	18.54	18.44	18.29	19.20
		36	39	18.59	18.32	18.45	19.20
		75	0	18.48	18.47	18.51	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.67	18.54	18.39	19.20
		1	50	18.50	18.51	18.55	19.20
		1	99	18.36	18.38	18.43	19.20
		50	0	18.66	18.54	18.49	19.20
		50	25	18.65	18.51	18.53	19.20
		50	50	18.59	18.24	18.47	19.20
		100	0	18.30	18.42	18.48	19.20
	16QAM	1	0	18.95	18.50	18.72	19.20
		1	50	18.84	18.98	18.76	19.20
		1	99	18.70	18.88	18.67	19.20
		50	0	18.65	18.57	18.51	19.20
		50	25	18.65	18.43	18.49	19.20
		50	50	18.18	18.52	18.48	19.20
		100	0	18.64	18.32	18.49	19.20
	64QAM	1	0	18.72	18.55	18.44	19.20
		1	50	18.74	18.72	18.62	19.20
		1	99	18.56	18.57	18.53	19.20
		50	0	18.65	18.56	18.39	19.20
		50	25	18.64	18.52	18.38	19.20
		50	50	18.66	18.37	18.46	19.20
		100	0	18.53	18.52	18.45	19.20

LTE Band 7 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.67	17.54	17.42	18.20
		1	13	17.61	17.43	17.44	18.20
		1	24	17.50	17.15	17.52	18.20
		12	0	17.57	17.52	17.45	18.20
		12	6	17.62	17.36	17.51	18.20
		12	13	17.53	17.08	17.42	18.20
		25	0	17.66	17.28	17.43	18.20
	16QAM	1	0	17.95	17.76	17.58	18.20
		1	13	17.56	17.83	17.70	18.20
		1	24	17.59	17.76	17.47	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 139 of 960

		12	0	17.48	17.54	17.28	18.20
		12	6	17.46	17.38	17.48	18.20
		12	13	17.59	17.51	17.42	18.20
		25	0	17.56	17.27	17.54	18.20
	64QAM	1	0	17.80	17.74	17.57	18.20
		1	13	17.65	17.68	17.59	18.20
		1	24	17.75	17.56	17.46	18.20
		12	0	17.69	17.43	17.39	18.20
		12	6	17.67	17.37	17.54	18.20
		12	13	17.47	17.31	17.45	18.20
25		0	17.58	17.42	17.43	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.64	17.54	17.52	18.20
		1	25	17.64	17.48	17.58	18.20
		1	49	17.55	17.28	17.52	18.20
		25	0	17.61	17.60	17.45	18.20
		25	13	17.60	17.41	17.47	18.20
		25	25	17.60	17.07	17.55	18.20
		50	0	17.55	17.27	17.50	18.20
	16QAM	1	0	17.80	17.88	17.68	18.20
		1	25	17.66	17.73	17.70	18.20
		1	49	17.62	17.66	17.54	18.20
		25	0	17.55	17.42	17.22	18.20
		25	13	17.33	17.22	17.40	18.20
		25	25	17.54	17.52	17.46	18.20
		50	0	17.64	17.16	17.40	18.20
	64QAM	1	0	17.71	17.59	17.73	18.20
		1	25	17.63	17.67	17.52	18.20
		1	49	17.62	17.60	17.45	18.20
		25	0	17.63	17.46	17.48	18.20
		25	13	17.68	17.34	17.39	18.20
		25	25	17.40	17.41	17.36	18.20
50		0	17.57	17.50	17.39	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.74	17.57	17.53	18.20
		1	38	17.58	17.48	17.40	18.20
		1	74	17.43	17.20	17.43	18.20
		36	0	17.71	17.46	17.51	18.20
		36	18	17.69	17.29	17.42	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 140 of 960

		36	39	17.66	17.23	17.42	18.20
		75	0	17.64	17.25	17.48	18.20
	16QAM	1	0	17.86	17.89	17.61	18.20
		1	38	17.59	17.75	17.86	18.20
		1	74	17.73	17.66	17.53	18.20
		36	0	17.53	17.40	17.19	18.20
		36	18	17.46	17.33	17.44	18.20
		36	39	17.55	17.33	17.49	18.20
		75	0	17.60	17.25	17.46	18.20
		1	0	17.77	17.78	17.65	18.20
	64QAM	1	38	17.58	17.67	17.53	18.20
		1	74	17.58	17.58	17.47	18.20
		36	0	17.52	17.48	17.39	18.20
		36	18	17.57	17.32	17.45	18.20
		36	39	17.39	17.39	17.47	18.20
		75	0	17.65	17.45	17.50	18.20
		1	0	17.67	17.50	17.48	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.67	17.50	17.48	18.20
		1	50	17.60	17.49	17.49	18.20
		1	99	17.50	17.23	17.46	18.20
		50	0	17.64	17.53	17.48	18.20
		50	25	17.64	17.37	17.49	18.20
		50	50	17.56	17.17	17.47	18.20
		100	0	17.63	17.35	17.47	18.20
	16QAM	1	0	17.94	17.80	17.64	18.20
		1	50	17.65	17.81	17.76	18.20
		1	99	17.67	17.66	17.47	18.20
		50	0	17.47	17.48	17.23	18.20
		50	25	17.39	17.30	17.47	18.20
		50	50	17.52	17.43	17.48	18.20
		100	0	17.61	17.21	17.44	18.20
	64QAM	1	0	17.72	17.68	17.65	18.20
		1	50	17.66	17.74	17.50	18.20
		1	99	17.66	17.64	17.54	18.20
		50	0	17.62	17.43	17.38	18.20
		50	25	17.64	17.39	17.45	18.20
		50	50	17.46	17.38	17.45	18.20
		100	0	17.61	17.46	17.46	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 141 of 960

LTE Band 7 DSI8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.04	17.05	16.99	17.70
		1	13	17.01	16.94	17.03	17.70
		1	24	17.07	16.95	16.96	17.70
		12	0	17.07	16.99	16.90	17.70
		12	6	16.98	16.90	16.94	17.70
		12	13	16.99	16.88	16.97	17.70
		25	0	17.05	16.96	16.88	17.70
	16QAM	1	0	17.50	17.16	17.23	17.70
		1	13	17.07	17.33	17.35	17.70
		1	24	17.14	17.16	17.27	17.70
		12	0	17.15	17.09	16.88	17.70
		12	6	17.02	17.01	16.76	17.70
		12	13	17.08	16.99	16.88	17.70
		25	0	17.16	16.98	17.02	17.70
	64QAM	1	0	17.47	17.15	17.07	17.70
		1	13	17.30	17.11	17.11	17.70
		1	24	17.26	17.01	17.00	17.70
		12	0	17.00	17.01	17.01	17.70
		12	6	17.09	16.92	16.98	17.70
		12	13	16.88	16.99	16.89	17.70
		25	0	17.11	16.90	16.87	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.03	17.10	16.87	17.70
		1	25	17.02	16.89	17.03	17.70
		1	49	17.00	16.98	16.98	17.70
		25	0	17.11	17.12	17.01	17.70
		25	13	17.17	16.98	16.96	17.70
		25	25	17.05	16.93	16.88	17.70
		50	0	16.98	17.02	17.03	17.70
	16QAM	1	0	17.56	17.19	17.40	17.70
		1	25	17.25	17.40	17.18	17.70
		1	49	17.21	17.28	17.40	17.70
		25	0	17.12	16.97	16.89	17.70
		25	13	17.07	16.89	16.87	17.70
25		25	16.99	16.93	17.05	17.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 142 of 960

		50	0	17.16	16.87	17.01	17.70
		1	0	17.48	17.23	16.98	17.70
		1	25	17.21	17.13	17.05	17.70
		1	49	17.21	17.13	16.92	17.70
		25	0	16.94	17.06	16.89	17.70
		25	13	16.92	17.06	17.00	17.70
		25	25	16.89	17.03	16.99	17.70
		50	0	17.12	16.89	16.88	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.15	16.96	17.04	17.70
		1	38	17.02	16.98	16.91	17.70
		1	74	17.06	16.99	17.05	17.70
		36	0	17.10	16.99	16.87	17.70
		36	18	17.03	17.03	17.03	17.70
		36	39	17.08	17.06	16.90	17.70
		75	0	16.99	17.10	16.90	17.70
	16QAM	1	0	17.53	17.14	17.33	17.70
		1	38	17.21	17.28	17.20	17.70
		1	74	17.19	17.22	17.23	17.70
		36	0	17.16	17.01	16.95	17.70
		36	18	17.01	17.06	16.90	17.70
		36	39	17.01	16.91	16.88	17.70
		75	0	17.17	16.96	16.94	17.70
	64QAM	1	0	17.46	17.16	16.89	17.70
		1	38	17.30	17.21	17.16	17.70
		1	74	17.13	17.13	17.04	17.70
		36	0	16.97	17.12	17.00	17.70
		36	18	16.95	17.01	17.06	17.70
		36	39	16.99	16.88	16.95	17.70
		75	0	17.09	16.99	17.04	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.12	17.01	16.96	17.70
		1	50	17.11	16.99	16.99	17.70
		1	99	17.03	16.97	16.96	17.70
		50	0	17.08	17.05	16.97	17.70
		50	25	17.08	17.00	17.00	17.70
		50	50	17.03	16.98	16.96	17.70
		100	0	17.06	17.01	16.97	17.70
	16QAM	1	0	17.46	17.14	17.30	17.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 143 of 960

		1	50	17.17	17.37	17.27	17.70
		1	99	17.21	17.22	17.30	17.70
		50	0	17.09	17.01	16.97	17.70
		50	25	17.09	16.99	16.84	17.70
		50	50	17.03	16.95	16.96	17.70
		100	0	17.11	16.97	16.95	17.70
	64QAM	1	0	17.39	17.19	16.99	17.70
		1	50	17.23	17.16	17.11	17.70
		1	99	17.16	17.08	17.00	17.70
		50	0	17.02	17.04	16.96	17.70
		50	25	17.02	16.97	16.99	17.70
		50	50	16.97	16.96	16.96	17.70
		100	0	17.10	16.93	16.95	17.70

LTE Band 7 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.10	16.00	15.88	16.70
		1	13	16.17	15.97	16.05	16.70
		1	24	15.88	15.94	15.89	16.70
		12	0	16.13	16.12	15.93	16.70
		12	6	16.14	16.08	16.04	16.70
		12	13	15.98	15.92	15.90	16.70
		25	0	16.10	16.01	15.93	16.70
	16QAM	1	0	16.31	16.31	16.25	16.70
		1	13	16.34	16.44	16.28	16.70
		1	24	16.50	16.10	16.55	16.70
		12	0	16.14	16.06	15.95	16.70
		12	6	16.06	15.97	15.98	16.70
		12	13	16.07	15.97	16.00	16.70
		25	0	16.19	16.05	15.84	16.70
	64QAM	1	0	16.23	16.12	16.05	16.70
		1	13	16.26	16.06	16.00	16.70
		1	24	16.10	16.07	15.95	16.70
		12	0	16.04	16.07	15.90	16.70
		12	6	16.14	16.00	15.92	16.70
		12	13	16.17	15.88	16.02	16.70
		25	0	16.15	15.92	15.88	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 145 of 960

		36	18	16.12	16.02	16.06	16.70
		36	39	16.13	15.86	16.02	16.70
		75	0	16.04	16.03	15.94	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.15	16.02	15.86	16.70
		1	50	16.16	16.01	15.97	16.70
		1	99	15.98	16.02	15.91	16.70
		50	0	16.14	16.06	15.99	16.70
		50	25	16.15	16.02	16.02	16.70
		50	50	16.08	15.99	15.97	16.70
		100	0	16.13	15.99	15.99	16.70
	16QAM	1	0	16.38	16.37	16.23	16.70
		1	50	16.36	16.42	16.28	16.70
		1	99	16.47	16.14	16.31	16.70
		50	0	16.15	16.01	15.96	16.70
		50	25	16.13	15.93	16.00	16.70
		50	50	16.07	15.94	15.95	16.70
		100	0	16.11	15.96	15.94	16.70
	64QAM	1	0	16.23	16.18	16.13	16.70
		1	50	16.26	16.12	16.05	16.70
		1	99	16.07	16.13	16.01	16.70
		50	0	16.09	15.97	15.98	16.70
		50	25	16.09	15.96	15.97	16.70
		50	50	16.07	15.93	15.96	16.70
		100	0	16.11	15.94	15.97	16.70

LTE FDD Band 12 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.74	23.73	23.74	24.70
		1	2	23.65	23.68	23.40	24.70
		1	5	23.67	23.63	23.55	24.70
		3	0	23.87	23.71	23.64	24.70
		3	2	23.75	23.65	23.31	24.70
		3	3	23.72	23.74	23.54	24.70
		6	0	22.79	22.76	22.77	23.70
	16QAM	1	0	22.86	23.02	22.68	23.70
		1	2	22.90	22.68	22.74	23.70
		1	5	23.04	22.61	22.83	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 146 of 960

		3	0	22.93	23.01	22.62	23.70
		3	2	22.82	22.60	22.76	23.70
		3	3	22.87	22.64	22.95	23.70
		6	0	21.71	21.59	21.74	22.70
	64QAM	1	0	21.67	21.42	21.36	22.70
		1	2	21.72	21.32	21.49	22.70
		1	5	21.35	21.42	21.43	22.70
		3	0	21.69	21.52	21.47	22.70
		3	2	21.87	21.48	21.45	22.70
		3	3	21.44	21.44	21.35	22.70
		6	0	20.67	20.68	20.75	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.72	23.54	23.64	24.70
		1	7	23.70	23.54	23.50	24.70
		1	14	23.66	23.68	23.56	24.70
		8	0	22.87	22.77	22.67	23.70
		8	4	22.76	22.70	22.80	23.70
		8	7	22.67	22.81	22.69	23.70
		15	0	22.74	22.69	22.73	23.70
	16QAM	1	0	22.88	22.94	22.57	23.70
		1	7	22.94	22.54	22.71	23.70
		1	14	22.86	22.52	22.78	23.70
		8	0	21.72	21.78	21.83	22.70
		8	4	21.67	21.62	21.46	22.70
		8	7	21.72	21.73	21.68	22.70
		15	0	21.77	21.50	21.65	22.70
	64QAM	1	0	21.84	21.52	21.55	22.70
		1	7	21.77	21.30	21.59	22.70
		1	14	21.30	21.51	21.55	22.70
		8	0	20.64	20.76	20.64	21.70
		8	4	20.81	20.75	20.70	21.70
		8	7	20.63	20.72	20.74	21.70
		15	0	20.75	20.78	20.79	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.88	23.71	23.70	24.70
		1	13	23.75	23.63	23.36	24.70
		1	24	23.78	23.62	23.69	24.70
		12	0	22.83	22.63	22.68	23.70
		12	6	22.67	22.69	22.76	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 147 of 960

		12	13	22.82	22.69	22.77	23.70
		25	0	22.66	22.80	22.79	23.70
	16QAM	1	0	22.83	23.03	22.61	23.70
		1	13	22.97	22.51	22.76	23.70
		1	24	23.03	22.56	22.93	23.70
		12	0	21.64	21.61	21.75	22.70
		12	6	21.84	21.72	21.35	22.70
		12	13	21.79	21.75	21.76	22.70
		25	0	21.74	21.51	21.76	22.70
	64QAM	1	0	21.79	21.34	21.55	22.70
		1	13	21.73	21.33	21.58	22.70
		1	24	21.30	21.43	21.48	22.70
		12	0	20.67	20.69	20.64	21.70
		12	6	20.73	20.70	20.82	21.70
		12	13	20.74	20.67	20.64	21.70
25		0	20.77	20.75	20.69	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.81	23.63	23.71	24.70
		1	25	23.73	23.62	23.33	24.70
		1	49	23.70	23.71	23.60	24.70
		25	0	22.78	22.69	22.73	23.70
		25	13	22.76	22.71	22.72	23.70
		25	25	22.75	22.73	22.73	23.70
		50	0	22.75	22.72	22.73	23.70
	16QAM	1	0	22.93	23.03	22.59	23.70
		1	25	22.87	22.59	22.78	23.70
		1	49	22.94	22.59	22.87	23.70
		25	0	21.73	21.71	21.74	22.70
		25	13	21.76	21.71	21.37	22.70
		25	25	21.73	21.71	21.72	22.70
		50	0	21.74	21.50	21.72	22.70
	64QAM	1	0	21.77	21.44	21.46	22.70
		1	25	21.78	21.39	21.52	22.70
		1	49	21.38	21.41	21.45	22.70
		25	0	20.73	20.69	20.73	21.70
		25	13	20.74	20.69	20.72	21.70
		25	25	20.73	20.74	20.74	21.70
		50	0	20.72	20.72	20.75	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 148 of 960

LTE FDD Band 13 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.59	23.69	23.64	24.70
		1	13	23.57	23.57	23.55	24.70
		1	24	23.46	23.50	23.53	24.70
		12	0	22.79	22.82	22.70	23.70
		12	6	22.50	22.52	22.49	23.70
		12	13	22.58	22.82	22.67	23.70
		25	0	22.63	22.77	22.58	23.70
	16QAM	1	0	22.70	22.89	22.80	23.70
		1	13	22.88	22.99	22.73	23.70
		1	24	22.72	22.77	22.74	23.70
		12	0	21.65	21.86	21.71	22.70
		12	6	21.35	21.49	21.43	22.70
		12	13	21.70	21.67	21.52	22.70
		25	0	21.60	21.87	21.66	22.70
	64QAM	1	0	21.64	21.74	21.56	22.70
		1	13	21.51	21.61	21.61	22.70
		1	24	21.53	21.57	21.50	22.70
		12	0	20.69	20.74	20.67	21.70
		12	6	20.76	20.81	20.81	21.70
		12	13	20.61	20.86	20.60	21.70
		25	0	20.65	20.75	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.70	/	24.70
		1	25	/	23.58	/	24.70
		1	49	/	23.63	/	24.70
		25	0	/	22.80	/	23.70
		25	13	/	22.56	/	23.70
		25	25	/	22.76	/	23.70
		50	0	/	22.78	/	23.70
	16QAM	1	0	/	22.84	/	23.70
		1	25	/	22.90	/	23.70
		1	49	/	22.74	/	23.70
		25	0	/	21.80	/	22.70
		25	13	/	21.45	/	22.70
		25	25	/	21.70	/	22.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 149 of 960

		50	0	/	21.78	/	22.70
	64QAM	1	0	/	21.65	/	22.70
		1	25	/	21.63	/	22.70
		1	49	/	21.56	/	22.70
		25	0	/	20.80	/	21.70
		25	13	/	20.81	/	21.70
		25	25	/	20.78	/	21.70
		50	0	/	20.75	/	21.70

LTE FDD Band 17 DS12/3/4/5/8/9/10				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.94	23.83	23.98	24.70	
		1	13	23.78	23.86	23.80	24.70	
		1	24	23.87	23.88	23.43	24.70	
		12	0	23.03	23.06	22.99	23.70	
		12	6	22.91	22.89	22.93	23.70	
		12	13	22.99	22.99	22.96	23.70	
		25	0	23.01	22.91	22.88	23.70	
	16QAM	1	0	23.11	23.03	23.08	23.70	
		1	13	22.90	22.92	23.05	23.70	
		1	24	23.23	23.02	22.78	23.70	
		12	0	22.04	21.99	21.91	22.70	
		12	6	21.95	21.90	21.96	22.70	
		12	13	22.07	21.84	21.99	22.70	
		25	0	21.86	22.00	21.88	22.70	
	64QAM	1	0	21.69	21.73	21.77	22.70	
		1	13	21.74	21.78	21.68	22.70	
		1	24	21.78	21.80	21.64	22.70	
		12	0	21.07	21.04	20.96	21.70	
		12	6	21.04	20.90	21.01	21.70	
		12	13	20.91	20.98	20.83	21.70	
		25	0	20.94	20.92	21.04	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23780	23790	23800	
	10MHz	QPSK	1	0	23.91	23.84	23.98	24.70
			1	25	23.72	23.78	23.89	24.70
			1	49	23.85	23.87	23.47	24.70
			25	0	22.99	23.00	22.96	23.70
			25	13	22.95	22.98	22.95	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 150 of 960

		25	25	22.96	22.93	22.94	23.70
		50	0	22.95	22.94	22.94	23.70
	16QAM	1	0	23.01	23.08	23.03	23.70
		1	25	22.86	22.96	23.04	23.70
		1	49	23.17	22.99	22.86	23.70
		25	0	22.02	22.01	21.98	22.70
		25	13	21.96	21.99	21.97	22.70
		25	25	21.98	21.94	21.93	22.70
		50	0	21.94	21.95	21.98	22.70
	64QAM	1	0	21.73	21.66	21.68	22.70
		1	25	21.72	21.71	21.73	22.70
		1	49	21.76	21.78	21.65	22.70
		25	0	20.97	20.97	20.97	21.70
		25	13	20.94	20.96	20.94	21.70
		25	25	20.94	20.94	20.93	21.70
		50	0	20.96	20.95	20.94	21.70

LTE Band 26 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.91	23.50	23.64	24.70
		1	2	23.77	23.92	23.69	24.70
		1	5	23.87	23.70	23.68	24.70
		3	0	23.80	23.56	23.65	24.70
		3	2	23.82	23.92	23.80	24.70
		3	3	23.88	23.67	23.59	24.70
		6	0	22.81	22.84	22.90	23.70
	16QAM	1	0	22.71	22.76	22.81	23.70
		1	2	22.59	22.76	22.80	23.70
		1	5	22.79	22.90	22.56	23.70
		3	0	22.69	22.65	22.71	23.70
		3	2	22.53	22.91	22.96	23.70
		3	3	22.73	22.94	22.65	23.70
		6	0	21.67	21.87	21.80	22.70
	64QAM	1	0	21.52	21.63	21.36	22.70
		1	2	21.56	21.45	21.58	22.70
		1	5	21.59	21.45	21.59	22.70
		3	0	21.50	21.63	21.41	22.70
		3	2	21.46	21.58	21.53	22.70
		3	3	21.48	21.55	21.51	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 151 of 960

Bandwidth	Modulation	6	0	20.79	20.82	20.80	21.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.89	23.62	23.67	24.70
		1	7	23.89	23.96	23.72	24.70
		1	14	23.72	23.70	23.67	24.70
		8	0	22.73	22.82	22.80	23.70
		8	4	22.72	22.78	22.87	23.70
		8	7	22.56	22.67	22.77	23.70
		15	0	22.65	22.88	22.87	23.70
	16QAM	1	0	22.74	22.66	22.76	23.70
		1	7	22.56	22.90	22.88	23.70
		1	14	22.67	22.98	22.63	23.70
		8	0	21.73	21.84	21.74	22.70
		8	4	21.82	21.90	21.82	22.70
		8	7	21.77	21.82	21.75	22.70
		15	0	21.82	21.89	21.75	22.70
	64QAM	1	0	21.60	21.50	21.49	22.70
		1	7	21.54	21.57	21.43	22.70
		1	14	21.47	21.57	21.52	22.70
		8	0	20.86	20.76	20.88	21.70
		8	4	20.80	20.73	20.78	21.70
		8	7	20.75	20.84	20.76	21.70
		15	0	20.71	20.75	20.90	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.79	23.50	23.54	24.70
		1	13	23.73	23.99	23.71	24.70
		1	24	23.75	23.61	23.68	24.70
		12	0	22.66	22.68	22.80	23.70
		12	6	22.68	22.81	22.80	23.70
		12	13	22.58	22.81	22.74	23.70
		25	0	22.82	22.89	22.91	23.70
	16QAM	1	0	22.71	22.63	22.78	23.70
		1	13	22.61	22.84	22.89	23.70
		1	24	22.81	22.83	22.76	23.70
		12	0	21.71	21.85	21.80	22.70
		12	6	21.62	21.81	21.83	22.70
		12	13	21.69	21.77	21.82	22.70
		25	0	21.77	21.84	21.87	22.70
	64QAM	1	0	21.56	21.48	21.30	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 152 of 960

		1	13	21.46	21.64	21.53	22.70
		1	24	21.62	21.52	21.59	22.70
		12	0	20.83	20.78	20.82	21.70
		12	6	20.72	20.86	20.79	21.70
		12	13	20.69	20.88	20.76	21.70
		25	0	20.83	20.79	20.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.90	23.60	23.64	24.70
		1	25	23.80	23.92	23.80	24.70
		1	49	23.75	23.76	23.57	24.70
		25	0	22.79	22.82	22.88	23.70
		25	13	22.84	22.85	22.75	23.70
		25	25	22.66	22.71	22.75	23.70
		50	0	22.84	22.80	22.72	23.70
	16QAM	1	0	22.76	22.72	22.71	23.70
		1	25	22.44	22.87	22.89	23.70
		1	49	22.73	22.82	22.70	23.70
		25	0	21.70	21.72	21.86	22.70
		25	13	21.62	21.76	21.87	22.70
		25	25	21.75	21.69	21.85	22.70
		50	0	21.83	21.80	21.84	22.70
	64QAM	1	0	21.52	21.48	21.42	22.70
		1	25	21.51	21.64	21.53	22.70
		1	49	21.64	21.60	21.51	22.70
		25	0	20.82	20.73	20.85	21.70
		25	13	20.76	20.70	20.76	21.70
		25	25	20.66	20.72	20.77	21.70
		50	0	20.79	20.80	20.76	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.86	23.60	23.60	24.70
		1	38	23.79	23.90	23.78	24.70
		1	74	23.81	23.71	23.62	24.70
		36	0	22.74	22.77	22.79	23.70
		36	18	22.74	22.76	22.79	23.70
		36	39	22.66	22.76	22.79	23.70
		75	0	22.75	22.79	22.81	23.70
	16QAM	1	0	22.70	22.67	22.80	23.70
		1	38	22.52	22.84	22.88	23.70
		1	74	22.75	22.91	22.66	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 153 of 960

		36	0	21.73	21.78	21.78	22.70
		36	18	21.72	21.80	21.80	22.70
		36	39	21.76	21.78	21.79	22.70
		75	0	21.77	21.81	21.83	22.70
	64QAM	1	0	21.50	21.53	21.40	22.70
		1	38	21.50	21.54	21.52	22.70
		1	74	21.54	21.54	21.57	22.70
		36	0	20.76	20.80	20.82	21.70
		36	18	20.78	20.78	20.83	21.70
		36	39	20.76	20.79	20.81	21.70
		75	0	20.75	20.80	20.83	21.70

LTE Band 26 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.12	22.32	22.30	23.20
		1	2	22.16	22.37	22.26	23.20
		1	5	22.13	22.25	22.31	23.20
		3	0	22.19	22.26	22.39	23.20
		3	2	22.25	22.32	22.30	23.20
		3	3	22.23	22.37	22.34	23.20
		6	0	22.25	22.28	22.33	23.20
	16QAM	1	0	22.46	22.52	22.38	23.20
		1	2	22.59	22.56	22.43	23.20
		1	5	22.53	22.43	22.36	23.20
		3	0	22.41	22.40	22.27	23.20
		3	2	22.59	22.44	22.48	23.20
		3	3	22.55	22.53	22.35	23.20
		6	0	21.90	21.92	21.93	22.70
	64QAM	1	0	21.56	21.59	21.78	22.70
		1	2	21.53	21.56	21.45	22.70
		1	5	21.58	21.51	21.87	22.70
		3	0	21.62	21.57	21.60	22.70
		3	2	21.53	21.62	21.58	22.70
		3	3	21.62	21.68	22.03	22.70
		6	0	20.85	20.83	20.84	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.16	22.24	22.26	23.20
		1	7	22.17	22.40	22.25	23.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 154 of 960

		1	14	22.27	22.24	22.20	23.20
		8	0	22.24	22.27	22.28	23.20
		8	4	22.16	22.40	22.28	23.20
		8	7	22.19	22.33	22.40	23.20
		15	0	22.17	22.34	22.32	23.20
	16QAM	1	0	22.37	22.46	22.35	23.20
		1	7	22.48	22.47	22.45	23.20
		1	14	22.54	22.43	22.29	23.20
		8	0	21.82	21.88	21.71	22.70
		8	4	21.83	21.83	21.82	22.70
		8	7	21.84	21.83	21.75	22.70
		15	0	21.85	21.82	21.79	22.70
	64QAM	1	0	21.51	21.51	21.68	22.70
		1	7	21.63	21.56	21.48	22.70
		1	14	21.47	21.64	21.91	22.70
		8	0	20.77	20.86	20.88	21.70
		8	4	20.72	20.87	20.89	21.70
		8	7	20.73	20.81	20.76	21.70
		15	0	20.65	20.86	20.92	21.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					26715	26865	27015
	5MHz	QPSK	1	0	22.21	22.20	22.23
			1	13	22.30	22.37	22.30
			1	24	22.14	22.31	22.31
			12	0	22.36	22.22	22.40
			12	6	22.33	22.31	22.41
			12	13	22.24	22.40	22.41
			25	0	22.20	22.41	22.44
		16QAM	1	0	22.34	22.51	22.41
			1	13	22.63	22.56	22.47
			1	24	22.37	22.45	22.29
			12	0	21.79	21.69	21.80
			12	6	21.77	21.85	21.75
			12	13	21.84	21.80	21.81
			25	0	21.81	21.79	21.78
		64QAM	1	0	21.54	21.56	21.71
			1	13	21.48	21.54	21.45
			1	24	21.51	21.67	21.88
			12	0	20.79	20.82	20.75
			12	6	20.77	20.72	20.90
			12	13	20.66	20.92	20.85
							Tune up



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 155 of 960

Bandwidth	Modulation	25	0	20.79	20.84	20.75	21.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.21	22.32	22.33	23.20
		1	25	22.11	22.39	22.34	23.20
		1	49	22.28	22.24	22.36	23.20
		25	0	22.34	22.26	22.25	23.20
		25	13	22.15	22.23	22.33	23.20
		25	25	22.30	22.31	22.29	23.20
		50	0	22.29	22.27	22.44	23.20
	16QAM	1	0	22.39	22.40	22.29	23.20
		1	25	22.49	22.55	22.37	23.20
		1	49	22.46	22.44	22.28	23.20
		25	0	21.74	21.70	21.71	22.70
		25	13	21.78	21.76	21.91	22.70
		25	25	21.68	21.85	21.80	22.70
		50	0	21.84	21.80	21.95	22.70
	64QAM	1	0	21.58	21.59	21.70	22.70
		1	25	21.63	21.52	21.63	22.70
		1	49	21.47	21.62	22.00	22.70
		25	0	20.72	20.92	20.79	21.70
		25	13	20.86	20.92	20.88	21.70
		25	25	20.64	20.82	20.76	21.70
		50	0	20.76	20.88	20.89	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.11	22.27	22.27	23.20
		1	38	22.20	22.33	22.33	23.20
		1	74	22.21	22.30	22.26	23.20
		36	0	22.26	22.32	22.31	23.20
		36	18	22.25	22.31	22.34	23.20
		36	39	22.27	22.31	22.32	23.20
		75	0	22.27	22.31	22.34	23.20
	16QAM	1	0	22.42	22.49	22.37	23.20
		1	38	22.56	22.54	22.47	23.20
		1	74	22.45	22.52	22.32	23.20
		36	0	21.78	21.79	21.81	22.70
		36	18	21.75	21.84	21.84	22.70
		36	39	21.76	21.78	21.83	22.70
		75	0	21.81	21.82	21.85	22.70
	64QAM	1	0	21.58	21.53	21.68	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 157 of 960

	16QAM	1	0	21.42	21.58	21.47	22.20
		1	7	21.50	21.65	21.68	22.20
		1	14	21.35	21.66	21.58	22.20
		8	0	21.15	21.33	21.22	22.20
		8	4	21.20	21.22	21.44	22.20
		8	7	21.29	21.40	21.31	22.20
		15	0	21.22	21.41	21.47	22.20
	64QAM	1	0	21.10	21.16	21.41	22.20
		1	7	21.25	21.36	21.42	22.20
		1	14	20.98	21.43	20.93	22.20
		8	0	20.79	20.87	20.79	21.70
		8	4	20.83	20.76	20.89	21.70
		8	7	20.78	20.89	20.75	21.70
		15	0	20.72	20.77	20.89	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.18	21.32	21.40	22.20
		1	13	21.25	21.39	21.38	22.20
		1	24	21.18	21.24	21.46	22.20
		12	0	21.19	21.33	21.24	22.20
		12	6	21.27	21.37	21.31	22.20
		12	13	21.37	21.33	21.27	22.20
		25	0	21.24	21.27	21.31	22.20
	16QAM	1	0	21.34	21.48	21.38	22.20
		1	13	21.46	21.53	21.62	22.20
		1	24	21.34	21.66	21.55	22.20
		12	0	21.30	21.30	21.40	22.20
		12	6	21.22	21.25	21.43	22.20
		12	13	21.17	21.21	21.27	22.20
		25	0	21.38	21.35	21.46	22.20
	64QAM	1	0	21.19	21.18	21.39	22.20
		1	13	21.24	21.28	21.53	22.20
		1	24	21.05	21.34	21.08	22.20
		12	0	20.85	20.80	20.87	21.70
		12	6	20.86	20.92	20.85	21.70
		12	13	20.78	20.87	20.85	21.70
		25	0	20.66	20.75	20.88	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.19	21.35	21.24	22.20
		1	25	21.26	21.33	21.37	22.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 158 of 960

		1	49	21.29	21.26	21.30	22.20
		25	0	21.31	21.26	21.28	22.20
		25	13	21.31	21.27	21.24	22.20
		25	25	21.22	21.26	21.36	22.20
		50	0	21.22	21.43	21.42	22.20
	16QAM	1	0	21.46	21.53	21.52	22.20
		1	25	21.51	21.60	21.71	22.20
		1	49	21.44	21.73	21.43	22.20
		25	0	21.20	21.28	21.22	22.20
		25	13	21.39	21.31	21.38	22.20
		25	25	21.28	21.26	21.29	22.20
		50	0	21.19	21.24	21.34	22.20
	64QAM	1	0	21.24	21.18	21.40	22.20
		1	25	21.15	21.30	21.40	22.20
		1	49	21.05	21.49	21.11	22.20
		25	0	20.86	20.91	20.84	21.70
		25	13	20.82	20.85	20.78	21.70
		25	25	20.86	20.84	20.89	21.70
		50	0	20.84	20.88	20.93	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	21.24	21.27	21.30	22.20
		1	38	21.28	21.34	21.38	22.20
		1	74	21.24	21.31	21.36	22.20
		36	0	21.26	21.31	21.32	22.20
		36	18	21.25	21.31	21.34	22.20
		36	39	21.27	21.31	21.34	22.20
		75	0	21.28	21.34	21.35	22.20
	16QAM	1	0	21.42	21.58	21.42	22.20
		1	38	21.46	21.55	21.61	22.20
		1	74	21.41	21.63	21.48	22.20
		36	0	21.23	21.29	21.31	22.20
		36	18	21.29	21.31	21.36	22.20
		36	39	21.27	21.31	21.35	22.20
		75	0	21.28	21.33	21.37	22.20
	64QAM	1	0	21.15	21.21	21.36	22.20
		1	38	21.23	21.37	21.44	22.20
		1	74	21.03	21.41	21.03	22.20
		36	0	20.80	20.82	20.85	21.70
		36	18	20.76	20.84	20.85	21.70
		36	39	20.79	20.83	20.83	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 159 of 960

		75	0	20.76	20.82	20.84	21.70

LTE Band 66 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.43	23.79	23.14	24.50
		1	2	23.54	23.66	23.21	24.50
		1	5	23.73	23.24	23.50	24.50
		3	0	23.52	23.68	23.16	24.50
		3	1	23.73	23.59	23.50	24.50
		3	3	23.82	23.36	23.63	24.50
		6	0	22.85	22.43	22.40	23.50
	16QAM	1	0	22.54	22.60	22.34	23.50
		1	2	22.50	22.54	22.69	23.50
		1	5	22.92	22.78	22.74	23.50
		3	0	22.55	22.72	22.36	23.50
		3	1	22.50	22.57	22.59	23.50
		3	3	22.89	22.79	22.73	23.50
		6	0	21.69	21.61	21.35	22.50
	64QAM	1	0	21.61	21.45	21.19	22.50
		1	2	21.64	21.45	21.28	22.50
		1	5	21.15	21.48	21.43	22.50
		3	0	21.58	21.33	21.14	22.50
		3	1	21.71	21.59	21.35	22.50
		3	3	21.12	21.55	21.54	22.50
		6	0	20.75	20.47	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.44	23.67	23.15	24.50
		1	7	23.70	23.51	23.11	24.50
		1	14	23.72	23.39	23.59	24.50
		8	0	22.72	22.63	22.32	23.50
		8	4	22.72	22.66	22.24	23.50
		8	7	22.69	22.63	22.57	23.50
		15	0	22.69	22.48	22.51	23.50
	16QAM	1	0	22.52	22.75	22.47	23.50
		1	7	22.37	22.55	22.63	23.50
		1	14	22.82	22.79	22.76	23.50
		8	0	21.78	21.56	21.48	22.50
		8	4	21.66	21.13	21.35	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 160 of 960

		8	7	21.73	21.15	21.61	22.50
		15	0	21.65	21.44	21.35	22.50
	64QAM	1	0	21.47	21.46	21.19	22.50
		1	7	21.61	21.54	21.30	22.50
		1	14	21.25	21.43	21.59	22.50
		8	0	20.67	20.63	20.55	21.50
		8	4	20.72	20.51	20.55	21.50
		8	7	20.82	20.52	20.49	21.50
		15	0	20.80	20.56	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.40	23.82	23.12	24.50
		1	13	23.61	23.68	23.20	24.50
		1	24	23.74	23.21	23.63	24.50
		12	0	22.62	22.57	22.33	23.50
		12	6	22.83	22.71	22.14	23.50
		12	13	22.75	22.52	22.62	23.50
		25	0	22.79	22.44	22.42	23.50
	16QAM	1	0	22.51	22.62	22.49	23.50
		1	13	22.51	22.58	22.60	23.50
		1	24	22.81	22.81	22.73	23.50
		12	0	21.61	21.57	21.36	22.50
		12	6	21.70	21.22	21.24	22.50
		12	13	21.74	21.31	21.55	22.50
		25	0	21.80	21.59	21.53	22.50
	64QAM	1	0	21.56	21.37	21.26	22.50
		1	13	21.65	21.50	21.42	22.50
		1	24	21.24	21.56	21.52	22.50
		12	0	20.67	20.56	20.45	21.50
		12	6	20.79	20.58	20.62	21.50
		12	13	20.73	20.61	20.60	21.50
		25	0	20.79	20.52	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.42	23.73	23.20	24.50
		1	25	23.60	23.68	23.13	24.50
		1	49	23.82	23.35	23.53	24.50
		25	0	22.63	22.70	22.34	23.50
		25	13	22.73	22.56	22.23	23.50
		25	25	22.75	22.56	22.72	23.50
		50	0	22.78	22.58	22.57	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 161 of 960

	16QAM	1	0	22.53	22.63	22.38	23.50
		1	25	22.50	22.63	22.55	23.50
		1	49	22.84	22.71	22.82	23.50
		25	0	21.70	21.54	21.40	22.50
		25	13	21.84	21.20	21.20	22.50
		25	25	21.80	21.21	21.69	22.50
		50	0	21.69	21.58	21.50	22.50
	64QAM	1	0	21.44	21.34	21.18	22.50
		1	25	21.78	21.56	21.46	22.50
		1	49	21.16	21.56	21.49	22.50
		25	0	20.58	20.69	20.46	21.50
		25	13	20.82	20.43	20.51	21.50
		25	25	20.88	20.65	20.53	21.50
		50	0	20.69	20.50	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.42	23.78	23.10	24.50
		1	38	23.63	23.50	23.10	24.50
		1	74	23.83	23.24	23.51	24.50
		36	0	22.66	22.73	22.39	23.50
		36	18	22.71	22.52	22.13	23.50
		36	39	22.80	22.53	22.63	23.50
		75	0	22.73	22.40	22.53	23.50
	16QAM	1	0	22.50	22.72	22.33	23.50
		1	38	22.33	22.66	22.60	23.50
		1	74	22.86	22.71	22.65	23.50
		36	0	21.70	21.47	21.38	22.50
		36	18	21.80	21.26	21.35	22.50
		36	39	21.79	21.18	21.62	22.50
		75	0	21.70	21.44	21.52	22.50
	64QAM	1	0	21.63	21.51	21.55	22.50
		1	38	21.79	21.62	21.47	22.50
		1	74	21.23	21.53	21.50	22.50
		36	0	20.62	20.60	20.43	21.50
		36	18	20.71	20.57	20.53	21.50
		36	39	20.86	20.68	20.57	21.50
		75	0	20.73	20.49	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.50	23.75	23.12	24.50
		1	50	23.63	23.59	23.13	24.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 162 of 960

		1	99	23.74	23.30	23.60	24.50
		50	0	22.71	22.63	22.35	23.50
		50	25	22.76	22.62	22.19	23.50
		50	50	22.79	22.58	22.63	23.50
		100	0	22.75	22.49	22.50	23.50
	16QAM	1	0	22.54	22.65	22.41	23.50
		1	50	22.42	22.57	22.61	23.50
		1	99	22.85	22.72	22.75	23.50
		50	0	21.69	21.55	21.38	22.50
		50	25	21.76	21.22	21.30	22.50
		50	50	21.77	21.23	21.65	22.50
		100	0	21.70	21.54	21.43	22.50
	64QAM	1	0	21.53	21.43	21.17	22.50
		1	50	21.71	21.54	21.37	22.50
		1	99	21.20	21.48	21.53	22.50
		50	0	20.68	20.60	20.48	21.50
		50	25	20.74	20.50	20.53	21.50
		50	50	20.78	20.58	20.55	21.50
		100	0	20.75	20.49	20.46	21.50

LTE Band 66 DSIS				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.32	20.68	20.30	21.50
		1	2	20.69	20.48	20.62	21.50
		1	5	20.86	20.53	20.67	21.50
		3	0	20.64	20.55	20.54	21.50
		3	1	20.81	20.73	20.63	21.50
		3	3	20.88	20.58	20.70	21.50
		6	0	20.86	20.60	20.55	21.50
	16QAM	1	0	20.90	20.61	20.71	21.50
		1	2	20.79	20.85	20.38	21.50
		1	5	20.96	20.69	20.74	21.50
		3	0	20.63	20.54	20.58	21.50
		3	1	20.86	20.68	20.48	21.50
		3	3	20.75	20.70	20.56	21.50
		6	0	20.82	20.55	20.54	21.50
	64QAM	1	0	20.69	20.65	20.29	21.50
		1	2	20.80	20.53	20.44	21.50
		1	5	20.76	20.64	20.76	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 163 of 960

		3	0	20.80	20.59	20.58	21.50
		3	1	20.77	20.56	20.50	21.50
		3	3	20.81	20.69	20.56	21.50
		6	0	20.75	20.63	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.30	20.60	20.23	21.50
		1	7	20.72	20.52	20.55	21.50
		1	14	20.67	20.58	20.66	21.50
		8	0	20.62	20.61	20.46	21.50
		8	4	20.84	20.64	20.64	21.50
		8	7	20.89	20.58	20.70	21.50
		15	0	20.81	20.59	20.65	21.50
	16QAM	1	0	20.85	20.52	20.66	21.50
		1	7	20.75	20.70	20.47	21.50
		1	14	20.99	20.71	20.82	21.50
		8	0	20.62	20.61	20.50	21.50
		8	4	20.75	20.56	20.54	21.50
		8	7	20.79	20.58	20.55	21.50
		15	0	20.77	20.54	20.57	21.50
	64QAM	1	0	20.85	20.71	20.19	21.50
		1	7	20.84	20.63	20.44	21.50
		1	14	20.72	20.54	20.59	21.50
		8	0	20.65	20.68	20.51	21.50
		8	4	20.85	20.59	20.54	21.50
		8	7	20.89	20.59	20.59	21.50
		15	0	20.84	20.66	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.16	20.51	20.21	21.50
		1	13	20.58	20.43	20.50	21.50
		1	24	20.83	20.56	20.71	21.50
		12	0	20.73	20.62	20.56	21.50
		12	6	20.82	20.57	20.48	21.50
		12	13	20.90	20.69	20.59	21.50
		25	0	20.75	20.73	20.51	21.50
	16QAM	1	0	20.90	20.61	20.73	21.50
		1	13	20.71	20.70	20.54	21.50
		1	24	20.91	20.75	20.72	21.50
		12	0	20.69	20.73	20.44	21.50
		12	6	20.72	20.59	20.48	21.50



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No. (Testing) # (Multi) Set(s), Serial Number(s), Test Number(s), Report Number(s) 516057 I (86-755) 2801 2053 I (86-755) 267 0594 www.sgs.com.cn
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 164 of 960

	64QAM	12	13	20.74	20.71	20.57	21.50
		25	0	20.73	20.56	20.61	21.50
		1	0	20.80	20.64	20.36	21.50
		1	13	20.90	20.53	20.47	21.50
		1	24	20.69	20.62	20.77	21.50
		12	0	20.77	20.60	20.47	21.50
		12	6	20.68	20.67	20.37	21.50
		12	13	20.73	20.73	20.46	21.50
		25	0	20.69	20.68	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.19	20.69	20.23	21.50
		1	25	20.61	20.49	20.43	21.50
		1	49	20.84	20.66	20.76	21.50
		25	0	20.73	20.64	20.49	21.50
		25	13	20.76	20.60	20.56	21.50
		25	25	20.80	20.69	20.63	21.50
		50	0	20.75	20.71	20.62	21.50
	16QAM	1	0	20.78	20.54	20.72	21.50
		1	25	20.77	20.69	20.57	21.50
		1	49	21.09	20.80	20.71	21.50
		25	0	20.58	20.74	20.41	21.50
		25	13	20.73	20.58	20.47	21.50
		25	25	20.70	20.64	20.72	21.50
		50	0	20.81	20.55	20.61	21.50
	64QAM	1	0	20.69	20.76	20.35	21.50
		1	25	20.75	20.60	20.46	21.50
		1	49	20.63	20.58	20.70	21.50
		25	0	20.72	20.56	20.42	21.50
		25	13	20.72	20.53	20.38	21.50
		25	25	20.75	20.55	20.42	21.50
		50	0	20.84	20.63	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.27	20.50	20.25	21.50
		1	38	20.62	20.38	20.57	21.50
		1	74	20.86	20.68	20.64	21.50
		36	0	20.65	20.55	20.47	21.50
		36	18	20.81	20.65	20.46	21.50
		36	39	20.76	20.60	20.67	21.50
		75	0	20.80	20.61	20.65	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 166 of 960

LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.16	19.15	18.93	20.00
		1	2	19.26	19.17	19.07	20.00
		1	5	19.32	19.07	19.26	20.00
		3	0	19.15	19.14	18.97	20.00
		3	1	19.25	19.25	18.97	20.00
		3	3	19.41	19.11	19.18	20.00
		6	0	19.16	19.07	19.02	20.00
	16QAM	1	0	19.65	19.51	19.14	20.00
		1	2	19.48	19.46	19.26	20.00
		1	5	19.70	19.30	19.64	20.00
		3	0	19.09	19.00	18.94	20.00
		3	1	19.34	19.03	19.09	20.00
		3	3	19.26	19.06	19.19	20.00
		6	0	19.25	18.94	19.10	20.00
	64QAM	1	0	19.47	19.20	19.19	20.00
		1	2	19.41	19.14	18.95	20.00
		1	5	19.38	19.25	19.23	20.00
		3	0	19.26	19.18	19.06	20.00
		3	1	19.31	18.98	19.04	20.00
		3	3	19.29	19.13	19.19	20.00
		6	0	19.27	19.15	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.05	19.18	18.87	20.00
		1	7	19.32	19.14	18.93	20.00
		1	14	19.16	19.20	19.30	20.00
		8	0	19.14	19.06	19.09	20.00
		8	4	19.28	19.19	18.97	20.00
		8	7	19.40	19.23	19.22	20.00
		15	0	19.16	19.26	19.05	20.00
	16QAM	1	0	19.59	19.63	19.15	20.00
		1	7	19.48	19.44	19.21	20.00
		1	14	19.68	19.37	19.57	20.00
		8	0	19.29	19.18	19.07	20.00
		8	4	19.31	19.06	19.09	20.00
		8	7	19.32	18.98	19.09	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 168 of 960

		1	25	19.43	19.34	19.25	20.00	
		1	49	19.66	19.46	19.53	20.00	
		25	0	19.24	19.12	18.98	20.00	
		25	13	19.20	19.15	19.13	20.00	
		25	25	19.16	19.10	19.11	20.00	
		50	0	19.29	18.93	19.07	20.00	
		64QAM	1	0	19.35	19.33	19.01	20.00
			1	25	19.29	19.07	18.96	20.00
			1	49	19.33	19.38	19.30	20.00
			25	0	19.31	19.07	18.94	20.00
			25	13	19.22	19.00	19.11	20.00
			25	25	19.36	19.14	19.24	20.00
	50	0	19.28	18.98	19.05	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	19.00	19.19	18.87	20.00	
		1	38	19.25	19.14	18.96	20.00	
		1	74	19.33	19.12	19.24	20.00	
		36	0	19.19	19.25	19.03	20.00	
		36	18	19.38	19.08	18.96	20.00	
		36	39	19.46	19.11	19.19	20.00	
		75	0	19.22	19.22	19.00	20.00	
	16QAM	1	0	19.74	19.64	19.13	20.00	
		1	38	19.37	19.39	19.26	20.00	
		1	74	19.71	19.30	19.54	20.00	
		36	0	19.28	19.02	18.88	20.00	
		36	18	19.19	19.12	19.10	20.00	
		36	39	19.25	19.03	19.06	20.00	
		75	0	19.27	18.93	19.14	20.00	
	64QAM	1	0	19.48	19.24	19.08	20.00	
		1	38	19.30	19.04	19.11	20.00	
		1	74	19.25	19.22	19.17	20.00	
		36	0	19.16	19.20	19.09	20.00	
		36	18	19.30	18.99	19.11	20.00	
		36	39	19.28	19.18	19.13	20.00	
		75	0	19.24	19.07	18.98	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	19.06	19.11	18.88	20.00	
		1	50	19.23	19.11	19.03	20.00	
		1	99	19.25	19.14	19.20	20.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 169 of 960

		50	0	19.20	19.15	19.02	20.00
		50	25	19.35	19.15	19.04	20.00
		50	50	19.36	19.19	19.17	20.00
		100	0	19.20	19.16	19.09	20.00
	16QAM	1	0	19.65	19.55	19.21	20.00
		1	50	19.46	19.38	19.19	20.00
		1	99	19.71	19.40	19.63	20.00
		50	0	19.19	19.10	18.97	20.00
		50	25	19.29	19.09	19.04	20.00
		50	50	19.26	19.08	19.16	20.00
		100	0	19.21	19.02	19.08	20.00
	64QAM	1	0	19.42	19.27	19.11	20.00
		1	50	19.34	19.11	19.03	20.00
		1	99	19.34	19.30	19.22	20.00
		50	0	19.21	19.10	19.02	20.00
		50	25	19.26	19.04	19.05	20.00
		50	50	19.27	19.12	19.16	20.00
		100	0	19.22	19.05	19.04	20.00

LTE Band 66 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.18	18.21	17.91	19.00
		1	2	18.29	18.15	17.60	19.00
		1	5	18.33	18.13	18.08	19.00
		3	0	18.12	18.10	17.98	19.00
		3	1	18.38	18.00	17.92	19.00
		3	3	18.25	18.07	18.12	19.00
		6	0	18.16	18.02	17.99	19.00
	16QAM	1	0	18.61	18.45	18.17	19.00
		1	2	18.67	18.44	18.40	19.00
		1	5	18.63	18.39	18.50	19.00
		3	0	18.10	18.23	18.06	19.00
		3	1	18.23	18.25	17.97	19.00
		3	3	18.30	18.28	18.11	19.00
		6	0	18.11	18.15	18.03	19.00
	64QAM	1	0	18.37	18.16	18.07	19.00
		1	2	18.31	18.16	18.22	19.00
		1	5	18.44	18.14	18.39	19.00
		3	0	18.12	18.12	18.01	19.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 170 of 960

		3	1	18.21	18.10	17.94	19.00
		3	3	18.23	18.14	18.08	19.00
		6	0	18.16	18.13	18.09	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.06	18.11	17.87	19.00
		1	7	18.23	18.05	17.76	19.00
		1	14	18.30	18.14	18.08	19.00
		8	0	18.17	18.23	17.97	19.00
		8	4	18.19	18.17	17.90	19.00
		8	7	18.33	18.21	18.12	19.00
		15	0	18.29	18.21	18.07	19.00
	16QAM	1	0	18.47	18.65	18.14	19.00
		1	7	18.58	18.47	18.46	19.00
		1	14	18.59	18.49	18.42	19.00
		8	0	18.21	18.27	17.95	19.00
		8	4	18.23	18.28	17.97	19.00
		8	7	18.24	18.30	18.23	19.00
		15	0	18.20	18.17	17.99	19.00
	64QAM	1	0	18.29	18.33	18.05	19.00
		1	7	18.27	18.24	18.16	19.00
		1	14	18.27	18.10	18.37	19.00
		8	0	18.07	18.17	18.00	19.00
		8	4	18.28	18.22	18.04	19.00
		8	7	18.27	18.19	18.13	19.00
		15	0	18.15	17.98	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.06	18.08	18.01	19.00
		1	13	18.34	18.16	17.69	19.00
		1	24	18.17	18.06	18.22	19.00
		12	0	18.16	18.14	18.00	19.00
		12	6	18.28	18.12	18.03	19.00
		12	13	18.25	18.08	18.16	19.00
		25	0	18.25	18.10	17.91	19.00
	16QAM	1	0	18.44	18.58	18.14	19.00
		1	13	18.67	18.46	18.26	19.00
		1	24	18.51	18.47	18.42	19.00
		12	0	18.21	18.10	18.12	19.00
		12	6	18.29	18.08	18.14	19.00
12		13	18.32	18.29	18.21	19.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 172 of 960

		1	38	18.48	18.54	18.28	19.00	
		1	74	18.61	18.48	18.49	19.00	
		36	0	18.18	18.19	18.03	19.00	
		36	18	18.21	18.20	18.07	19.00	
		36	39	18.32	18.24	18.05	19.00	
		75	0	18.27	18.13	18.11	19.00	
		64QAM	1	0	18.32	18.17	17.96	19.00
			1	38	18.39	18.15	18.19	19.00
			1	74	18.44	18.01	18.36	19.00
			36	0	18.24	18.11	17.99	19.00
			36	18	18.25	18.18	17.98	19.00
			36	39	18.23	18.18	18.18	19.00
	75	0	18.18	18.10	18.11	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	18.14	18.13	17.97	19.00	
		1	50	18.24	18.11	17.69	19.00	
		1	99	18.25	18.08	18.14	19.00	
		50	0	18.21	18.14	17.94	19.00	
		50	25	18.29	18.09	17.95	19.00	
		50	50	18.31	18.12	18.09	19.00	
		100	0	18.24	18.12	18.01	19.00	
	16QAM	1	0	18.51	18.55	18.19	19.00	
		1	50	18.58	18.49	18.36	19.00	
		1	99	18.59	18.39	18.48	19.00	
		50	0	18.17	18.20	18.02	19.00	
		50	25	18.26	18.18	18.06	19.00	
		50	50	18.25	18.22	18.15	19.00	
		100	0	18.19	18.11	18.07	19.00	
	64QAM	1	0	18.29	18.25	18.04	19.00	
		1	50	18.32	18.23	18.13	19.00	
		1	99	18.37	18.11	18.46	19.00	
		50	0	18.17	18.11	18.00	19.00	
		50	25	18.26	18.12	18.04	19.00	
		50	50	18.28	18.14	18.15	19.00	
		100	0	18.21	18.08	18.08	19.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 173 of 960

LTE Band 66 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	16.39	16.50	16.43	17.50
		1	2	16.81	16.70	16.58	17.50
		1	5	16.76	16.69	16.71	17.50
		3	0	16.70	16.63	16.52	17.50
		3	1	16.70	16.69	16.55	17.50
		3	3	16.91	16.78	16.70	17.50
		6	0	16.82	16.78	16.67	17.50
	16QAM	1	0	16.93	16.82	16.51	17.50
		1	2	16.89	17.27	17.01	17.50
		1	5	16.91	16.98	16.85	17.50
		3	0	16.77	16.63	16.42	17.50
		3	1	16.72	16.58	16.45	17.50
		3	3	16.73	16.78	16.67	17.50
		6	0	16.72	16.63	16.60	17.50
	64QAM	1	0	16.90	16.70	16.57	17.50
		1	2	16.86	16.23	16.60	17.50
		1	5	16.88	16.80	16.81	17.50
		3	0	16.73	16.59	16.47	17.50
		3	1	16.71	16.72	16.47	17.50
		3	3	16.88	16.57	16.56	17.50
		6	0	16.71	16.59	16.65	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	16.42	16.57	16.30	17.50
		1	7	16.79	16.78	16.52	17.50
		1	14	16.76	16.59	16.69	17.50
		8	0	16.73	16.64	16.57	17.50
		8	4	16.73	16.62	16.50	17.50
		8	7	16.80	16.80	16.58	17.50
		15	0	16.83	16.62	16.60	17.50
	16QAM	1	0	17.02	16.81	16.50	17.50
		1	7	16.89	17.19	17.04	17.50
		1	14	16.98	16.91	16.88	17.50
		8	0	16.64	16.66	16.53	17.50
		8	4	16.59	16.60	16.59	17.50
		8	7	16.79	16.62	16.69	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 175 of 960

		1	25	16.75	17.25	16.97	17.50	
		1	49	17.06	16.90	16.74	17.50	
		25	0	16.76	16.59	16.61	17.50	
		25	13	16.62	16.67	16.52	17.50	
		25	25	16.80	16.77	16.53	17.50	
		50	0	16.80	16.65	16.48	17.50	
	64QAM	1	0	16.79	16.80	16.45	17.50	
		1	25	16.87	16.28	16.72	17.50	
		1	49	16.89	16.82	16.83	17.50	
		25	0	16.70	16.56	16.49	17.50	
		25	13	16.71	16.62	16.51	17.50	
		25	25	16.77	16.60	16.63	17.50	
	50	0	16.69	16.70	16.62	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	16.37	16.53	16.35	17.50	
		1	38	16.68	16.68	16.59	17.50	
		1	74	16.78	16.67	16.78	17.50	
		36	0	16.74	16.62	16.54	17.50	
		36	18	16.86	16.72	16.44	17.50	
		36	39	16.80	16.80	16.66	17.50	
		75	0	16.83	16.58	16.53	17.50	
	16QAM	1	0	16.96	16.69	16.61	17.50	
		1	38	16.86	17.13	16.92	17.50	
		1	74	17.08	16.86	16.94	17.50	
		36	0	16.78	16.66	16.54	17.50	
		36	18	16.72	16.66	16.48	17.50	
		36	39	16.65	16.65	16.58	17.50	
		75	0	16.73	16.51	16.54	17.50	
	64QAM	1	0	16.83	16.82	16.49	17.50	
		1	38	16.93	16.25	16.58	17.50	
		1	74	16.90	16.84	16.70	17.50	
		36	0	16.71	16.70	16.48	17.50	
		36	18	16.74	16.53	16.52	17.50	
		36	39	16.69	16.73	16.71	17.50	
		75	0	16.81	16.60	16.63	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	16.44	16.58	16.40	17.50
1			50	16.73	16.71	16.49	17.50	
1			99	16.75	16.63	16.69	17.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 176 of 960

		50	0	16.71	16.68	16.53	17.50
		50	25	16.76	16.67	16.53	17.50
		50	50	16.81	16.70	16.65	17.50
		100	0	16.76	16.68	16.59	17.50
	16QAM	1	0	17.03	16.78	16.54	17.50
		1	50	16.84	17.19	16.97	17.50
		1	99	17.01	16.95	16.84	17.50
		50	0	16.69	16.63	16.52	17.50
		50	25	16.67	16.66	16.52	17.50
		50	50	16.72	16.69	16.62	17.50
		100	0	16.74	16.57	16.58	17.50
	64QAM	1	0	16.86	16.77	16.52	17.50
		1	50	16.84	16.33	16.64	17.50
		1	99	16.86	16.74	16.74	17.50
		50	0	16.66	16.63	16.51	17.50
		50	25	16.76	16.62	16.54	17.50
		50	50	16.79	16.67	16.64	17.50
		100	0	16.71	16.65	16.58	17.50

LTE Band 38 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.73	24.07	23.96	24.70
		1	13	24.14	24.06	23.88	24.70
		1	24	24.12	23.97	23.85	24.70
		12	0	23.17	23.09	23.12	23.70
		12	6	22.95	23.11	23.00	23.70
		12	13	22.97	23.12	22.94	23.70
		25	0	23.08	23.13	23.07	23.70
	16QAM	1	0	22.81	23.00	22.97	23.70
		1	13	23.01	23.08	23.00	23.70
		1	24	23.16	22.96	22.81	23.70
		12	0	22.15	22.11	22.17	22.70
		12	6	22.06	22.12	22.03	22.70
		12	13	21.98	22.10	21.98	22.70
		25	0	22.04	22.05	22.04	22.70
	64QAM	1	0	21.76	21.75	21.71	22.70
		1	13	21.67	21.80	21.79	22.70
		1	24	21.76	21.72	21.59	22.70
		12	0	21.05	21.14	21.00	21.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 177 of 960

		12	6	20.95	21.10	21.09	21.70
		12	13	21.14	21.06	21.01	21.70
		25	0	21.07	21.11	20.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.89	23.95	24.03	24.70
		1	25	24.09	24.00	23.84	24.70
		1	49	24.04	23.96	23.91	24.70
		25	0	23.00	23.02	23.09	23.70
		25	13	23.08	23.10	22.97	23.70
		25	25	23.12	23.01	22.93	23.70
		50	0	22.97	22.99	23.07	23.70
	16QAM	1	0	22.64	22.84	22.95	23.70
		1	25	23.06	23.08	22.98	23.70
		1	49	23.03	22.93	22.87	23.70
		25	0	22.02	22.06	22.18	22.70
		25	13	21.97	22.05	22.14	22.70
		25	25	22.09	22.10	21.92	22.70
		50	0	22.05	22.04	22.03	22.70
	64QAM	1	0	21.74	21.64	21.75	22.70
		1	25	21.69	21.67	21.76	22.70
		1	49	21.70	21.71	21.64	22.70
		25	0	20.98	21.04	21.12	21.70
		25	13	21.03	21.11	20.98	21.70
		25	25	21.03	21.00	20.91	21.70
		50	0	21.14	21.10	21.08	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.71	24.05	24.01	24.70
		1	38	24.15	23.94	24.04	24.70
		1	74	24.09	23.98	23.82	24.70
		36	0	22.97	23.15	23.06	23.70
		36	18	23.02	23.17	22.98	23.70
		36	39	23.04	22.98	23.09	23.70
		75	0	23.01	23.00	23.02	23.70
	16QAM	1	0	22.66	22.83	22.81	23.70
		1	38	23.16	23.03	22.98	23.70
		1	74	23.09	23.07	22.71	23.70
		36	0	22.00	22.18	22.03	22.70
		36	18	21.96	22.16	22.00	22.70
		36	39	22.03	22.03	22.02	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 179 of 960

	16QAM	12	13	21.03	20.97	20.97	21.20
		25	0	20.96	21.01	21.13	21.20
		1	0	21.04	20.95	20.96	21.20
		1	13	21.17	21.06	21.18	21.20
		1	24	21.08	21.04	21.06	21.20
		12	0	21.06	21.10	21.11	21.20
		12	6	20.96	21.02	21.03	21.20
		12	13	21.14	21.11	21.04	21.20
		25	0	21.09	21.00	21.08	21.20
	64QAM	1	0	21.06	20.97	21.13	21.20
		1	13	21.09	21.04	21.03	21.20
		1	24	20.97	20.95	20.86	21.20
		12	0	21.02	21.08	21.16	21.20
		12	6	21.05	21.15	21.02	21.20
		12	13	21.11	21.04	20.92	21.20
25		0	21.14	21.15	21.03	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.02	21.08	21.04	21.20
		1	25	21.12	21.17	21.02	21.20
		1	49	21.09	21.05	21.07	21.20
		25	0	21.02	21.11	21.15	21.20
		25	13	20.99	21.07	21.11	21.20
		25	25	21.09	20.94	21.00	21.20
		50	0	20.99	21.08	20.98	21.20
	16QAM	1	0	20.91	21.11	21.03	21.20
		1	25	21.00	21.20	21.15	21.20
		1	49	21.13	21.07	20.96	21.20
		25	0	20.99	21.03	21.04	21.20
		25	13	20.96	21.17	21.13	21.20
		25	25	21.08	20.98	21.04	21.20
		50	0	21.08	21.00	21.04	21.20
	64QAM	1	0	20.92	21.04	21.11	21.20
		1	25	20.96	21.12	21.08	21.20
		1	49	21.11	20.96	20.99	21.20
		25	0	21.04	21.03	21.04	21.20
		25	13	20.96	21.13	20.94	21.20
		25	25	21.01	20.96	21.07	21.20
		50	0	21.13	21.01	21.12	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 180 of 960

15MHz	QPSK	1	0	21.14	21.01	21.12	21.20
		1	38	21.17	21.14	21.16	21.20
		1	74	21.12	21.03	20.91	21.20
		36	0	21.07	21.10	21.04	21.20
		36	18	20.96	21.05	21.06	21.20
		36	39	20.93	20.93	21.06	21.20
		75	0	21.01	20.95	21.10	21.20
	16QAM	1	0	20.95	21.07	21.04	21.20
		1	38	21.01	21.03	21.10	21.20
		1	74	21.07	21.02	21.03	21.20
		36	0	21.09	21.12	21.06	21.20
		36	18	21.09	21.20	20.99	21.20
		36	39	20.97	21.08	21.09	21.20
		75	0	21.15	21.15	21.16	21.20
	64QAM	1	0	21.04	21.03	21.02	21.20
		1	38	20.96	21.10	20.97	21.20
		1	74	20.91	20.90	20.79	21.20
		36	0	20.98	21.01	21.01	21.20
		36	18	20.98	21.13	21.00	21.20
		36	39	20.93	21.13	21.04	21.20
		75	0	21.04	21.14	21.12	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.10	21.14	21.11	21.20
		1	50	21.09	21.13	21.06	21.20
		1	99	21.11	21.05	20.98	21.20
		50	0	21.06	21.05	21.09	21.20
		50	25	21.03	21.07	21.01	21.20
		50	50	21.02	21.02	20.99	21.20
		100	0	21.05	21.04	21.04	21.20
	16QAM	1	0	21.01	21.05	21.04	21.20
		1	50	21.08	21.11	21.10	21.20
		1	99	21.10	21.05	20.98	21.20
		50	0	21.09	21.09	21.12	21.20
		50	25	21.05	21.10	21.08	21.20
		50	50	21.05	21.05	21.02	21.20
		100	0	21.08	21.06	21.07	21.20
	64QAM	1	0	21.00	21.04	21.04	21.20
		1	50	21.02	21.06	21.04	21.20
		1	99	21.01	20.97	20.89	21.20
		50	0	21.07	21.08	21.11	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 181 of 960

		50	25	21.04	21.09	21.04	21.20
		50	50	21.03	21.03	20.99	21.20
		100	0	21.07	21.05	21.05	21.20

LTE Band 38 DS12/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.34	18.38	18.33	19.20
		1	13	18.44	18.37	18.44	19.20
		1	24	18.45	18.39	18.22	19.20
		12	0	18.34	18.43	18.46	19.20
		12	6	18.45	18.44	18.38	19.20
		12	13	18.33	18.36	18.30	19.20
		25	0	18.44	18.47	18.40	19.20
	16QAM	1	0	18.67	18.66	18.58	19.20
		1	13	18.43	18.63	18.49	19.20
		1	24	18.57	18.44	18.41	19.20
		12	0	18.36	18.37	18.46	19.20
		12	6	18.51	18.45	18.28	19.20
		12	13	18.35	18.31	18.38	19.20
		25	0	18.50	18.49	18.54	19.20
	64QAM	1	0	18.03	17.92	18.10	19.20
		1	13	18.00	18.19	17.89	19.20
		1	24	18.11	18.04	17.91	19.20
		12	0	18.45	18.49	18.38	19.20
		12	6	18.46	18.54	18.46	19.20
		12	13	18.38	18.45	18.44	19.20
		25	0	18.38	18.28	18.47	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.37	18.52	18.36	19.20
		1	25	18.43	18.54	18.30	19.20
		1	49	18.48	18.38	18.34	19.20
		25	0	18.38	18.45	18.43	19.20
		25	13	18.38	18.50	18.48	19.20
		25	25	18.41	18.35	18.36	19.20
		50	0	18.45	18.44	18.35	19.20
	16QAM	1	0	18.51	18.49	18.64	19.20
		1	25	18.44	18.64	18.49	19.20
		1	49	18.56	18.54	18.47	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 182 of 960

		25	0	18.36	18.54	18.44	19.20
		25	13	18.40	18.61	18.38	19.20
		25	25	18.41	18.38	18.34	19.20
		50	0	18.55	18.48	18.41	19.20
	64QAM	1	0	18.09	17.96	18.14	19.20
		1	25	17.96	18.06	17.95	19.20
		1	49	18.16	17.86	17.99	19.20
		25	0	18.38	18.52	18.45	19.20
		25	13	18.32	18.46	18.35	19.20
		25	25	18.39	18.29	18.27	19.20
		50	0	18.45	18.43	18.43	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.32	18.35	18.43	19.20
		1	38	18.38	18.43	18.38	19.20
		1	74	18.48	18.30	18.23	19.20
		36	0	18.45	18.39	18.52	19.20
		36	18	18.42	18.42	18.38	19.20
		36	39	18.37	18.44	18.39	19.20
		75	0	18.47	18.50	18.54	19.20
	16QAM	1	0	18.65	18.64	18.63	19.20
		1	38	18.46	18.50	18.53	19.20
		1	74	18.51	18.58	18.52	19.20
		36	0	18.36	18.47	18.56	19.20
		36	18	18.52	18.41	18.42	19.20
		36	39	18.47	18.33	18.39	19.20
		75	0	18.53	18.54	18.37	19.20
	64QAM	1	0	17.96	18.11	18.11	19.20
		1	38	18.01	18.13	17.96	19.20
		1	74	18.08	18.02	17.87	19.20
		36	0	18.33	18.33	18.47	19.20
		36	18	18.40	18.49	18.38	19.20
		36	39	18.47	18.31	18.27	19.20
		75	0	18.52	18.31	18.45	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.34	18.43	18.42	19.20
		1	50	18.39	18.44	18.34	19.20
		1	99	18.39	18.33	18.28	19.20
		50	0	18.42	18.46	18.47	19.20
		50	25	18.42	18.49	18.43	19.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 183 of 960

		50	50	18.42	18.43	18.36	19.20
		100	0	18.44	18.45	18.44	19.20
	16QAM	1	0	18.57	18.58	18.61	19.20
		1	50	18.52	18.58	18.48	19.20
		1	99	18.56	18.50	18.45	19.20
		50	0	18.45	18.47	18.48	19.20
		50	25	18.43	18.51	18.38	19.20
		50	50	18.43	18.40	18.38	19.20
		100	0	18.46	18.47	18.45	19.20
	64QAM	1	0	18.05	18.02	18.06	19.20
		1	50	17.98	18.11	17.98	19.20
		1	99	18.06	17.96	17.95	19.20
		50	0	18.41	18.43	18.44	19.20
		50	25	18.41	18.46	18.40	19.20
		50	50	18.39	18.37	18.34	19.20
		100	0	18.44	18.38	18.43	19.20

LTE Band 38 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.27	17.24	17.47	18.20
		1	13	17.36	17.41	17.29	18.20
		1	24	17.37	17.39	17.35	18.20
		12	0	17.47	17.51	17.43	18.20
		12	6	17.49	17.43	17.48	18.20
		12	13	17.45	17.52	17.28	18.20
		25	0	17.50	17.45	17.40	18.20
	16QAM	1	0	17.53	17.48	17.61	18.20
		1	13	17.41	17.68	17.36	18.20
		1	24	17.60	17.56	17.32	18.20
		12	0	17.43	17.37	17.48	18.20
		12	6	17.32	17.59	17.34	18.20
		12	13	17.43	17.45	17.45	18.20
		25	0	17.48	17.48	17.46	18.20
	64QAM	1	0	17.10	16.98	16.98	18.20
		1	13	17.03	17.13	17.06	18.20
		1	24	16.99	17.00	16.98	18.20
		12	0	17.34	17.45	17.42	18.20
		12	6	17.36	17.29	17.47	18.20
		12	13	17.45	17.41	17.24	18.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 184 of 960

		25	0	17.49	17.37	17.33	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	17.41	17.33	17.49	18.20
		1	25	17.49	17.41	17.26	18.20
		1	49	17.40	17.26	17.22	18.20
		25	0	17.39	17.47	17.43	18.20
		25	13	17.44	17.50	17.47	18.20
		25	25	17.48	17.36	17.33	18.20
		50	0	17.46	17.43	17.43	18.20
	16QAM	1	0	17.54	17.62	17.42	18.20
		1	25	17.43	17.53	17.48	18.20
		1	49	17.59	17.45	17.31	18.20
		25	0	17.38	17.37	17.44	18.20
		25	13	17.36	17.52	17.43	18.20
		25	25	17.44	17.49	17.31	18.20
		50	0	17.47	17.53	17.46	18.20
	64QAM	1	0	17.17	17.10	17.03	18.20
		1	25	17.05	17.12	16.94	18.20
		1	49	17.11	17.03	17.00	18.20
		25	0	17.45	17.33	17.35	18.20
		25	13	17.41	17.39	17.41	18.20
		25	25	17.45	17.37	17.33	18.20
		50	0	17.41	17.42	17.41	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	17.34	17.40	17.37	18.20
		1	38	17.40	17.51	17.40	18.20
		1	74	17.34	17.32	17.31	18.20
		36	0	17.43	17.43	17.48	18.20
		36	18	17.45	17.58	17.43	18.20
		36	39	17.34	17.45	17.41	18.20
		75	0	17.47	17.43	17.35	18.20
	16QAM	1	0	17.57	17.60	17.51	18.20
		1	38	17.46	17.53	17.50	18.20
		1	74	17.57	17.50	17.39	18.20
		36	0	17.39	17.49	17.49	18.20
		36	18	17.35	17.57	17.34	18.20
		36	39	17.41	17.44	17.39	18.20
		75	0	17.46	17.50	17.47	18.20
	64QAM	1	0	17.04	16.99	17.06	18.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 185 of 960

		1	38	17.10	17.14	17.00	18.20
		1	74	17.00	16.98	16.99	18.20
		36	0	17.37	17.47	17.47	18.20
		36	18	17.49	17.36	17.50	18.20
		36	39	17.42	17.36	17.33	18.20
		75	0	17.42	17.34	17.43	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.34	17.33	17.43	18.20
		1	50	17.41	17.44	17.35	18.20
		1	99	17.40	17.36	17.29	18.20
		50	0	17.44	17.45	17.47	18.20
		50	25	17.42	17.49	17.44	18.20
		50	50	17.42	17.43	17.35	18.20
		100	0	17.44	17.45	17.42	18.20
	16QAM	1	0	17.50	17.56	17.52	18.20
		1	50	17.48	17.58	17.46	18.20
		1	99	17.54	17.47	17.41	18.20
		50	0	17.45	17.44	17.46	18.20
		50	25	17.42	17.50	17.40	18.20
		50	50	17.37	17.44	17.38	18.20
		100	0	17.45	17.46	17.46	18.20
	64QAM	1	0	17.08	17.05	17.02	18.20
		1	50	17.08	17.06	17.01	18.20
		1	99	17.08	16.96	16.94	18.20
		50	0	17.42	17.42	17.44	18.20
		50	25	17.41	17.39	17.42	18.20
		50	50	17.38	17.40	17.34	18.20
		100	0	17.45	17.40	17.41	18.20

LTE Band 41 2496 - 2690 DS14				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.04	24.01	23.83	23.84	23.84	24.70
		1	13	24.07	24.1	23.87	24.09	23.76	24.70
		1	24	24.05	23.87	23.81	23.96	23.77	24.70
		12	0	23.07	23.12	23.02	23.17	22.97	23.70
		12	6	23.27	23.09	22.88	23	22.97	23.70
		12	13	23.17	23.13	22.94	23	22.86	23.70
		25	0	23.05	23.15	22.84	22.96	22.84	23.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 186 of 960

		1	0	22.86	23.08	22.77	23.12	22.77	23.70
		1	13	23.15	23.01	22.99	22.95	22.86	23.70
		1	24	23.15	22.98	22.99	23.05	22.85	23.70
	16QAM	12	0	22.27	22.14	21.94	22.15	21.99	22.70
		12	6	22.26	22.02	21.92	22.2	22.03	22.70
		12	13	22.1	22.05	22.06	21.92	22.07	22.70
		25	0	22.16	22.06	21.85	22.02	21.87	22.70
		1	0	21.86	21.73	21.44	21.71	21.53	22.70
		1	13	21.86	21.62	21.49	21.81	21.53	22.70
		1	24	21.56	21.6	21.62	21.79	21.56	22.70
	64QAM	12	0	21.14	20.97	20.88	21.01	20.87	21.70
		12	6	21.11	21.11	20.97	21.08	20.93	21.70
		12	13	21.14	20.98	21.02	21.11	21.02	21.70
		25	0	21.11	21.15	20.92	21.2	21.1	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
		1	0	24.12	23.85	23.85	23.83	23.8	24.70
		1	25	24.11	23.99	23.86	24	23.72	24.70
		1	49	24.03	23.87	23.88	23.94	23.7	24.70
	QPSK	25	0	23.27	22.99	23.03	23.01	22.82	23.70
		25	13	23.13	23.05	23	23.09	23.04	23.70
		25	25	23	23.13	22.96	23	22.96	23.70
		50	0	23.1	23.05	22.94	22.92	22.94	23.70
		1	0	22.86	23.05	22.69	23.17	22.85	23.70
		1	25	23.25	22.94	22.95	22.99	22.95	23.70
		1	49	23.08	23.14	22.88	23.05	22.78	23.70
	16QAM	25	0	22.17	22.08	21.99	22.03	22.02	22.70
		25	13	22.18	22.01	22.01	22.11	22.04	22.70
		25	25	22.16	21.99	21.99	22.07	21.97	22.70
		50	0	22.22	22.11	21.86	22.12	21.91	22.70
		1	0	21.8	21.68	21.6	21.66	21.6	22.70
		1	25	21.7	21.73	21.53	21.76	21.54	22.70
		1	49	21.69	21.67	21.53	21.67	21.56	22.70
	64QAM	25	0	21.17	20.99	20.99	21.09	21	21.70
		25	13	21.11	20.95	20.85	21.16	20.9	21.70
		25	25	21.07	21.07	20.95	21.04	21.05	21.70
		50	0	21.22	20.97	20.99	21.16	21.05	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
		1	0	24.13	23.93	23.82	23.83	23.84	24.70
15MHz	QPSK	1	38	24.1	24.04	23.86	23.96	23.73	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 188 of 960

		100	0	21.12	21.05	20.95	21.14	21.01	21.70

LTE Band 41 2496 - 2690 DSI5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.65	20.58	20.48	20.7	20.7	21.20
		1	13	20.66	20.69	20.42	20.64	20.61	21.20
		1	24	20.63	20.59	20.37	20.51	20.6	21.20
		12	0	20.63	20.52	20.44	20.67	20.58	21.20
		12	6	20.71	20.66	20.42	20.54	20.53	21.20
		12	13	20.53	20.58	20.33	20.58	20.49	21.20
		25	0	20.64	20.66	20.32	20.56	20.42	21.20
	16QAM	1	0	20.74	20.73	20.7	20.82	20.85	21.20
		1	13	20.81	20.82	20.65	20.75	20.81	21.20
		1	24	20.82	20.85	20.55	20.7	20.79	21.20
		12	0	20.69	20.57	20.48	20.57	20.64	21.20
		12	6	20.67	20.63	20.41	20.73	20.67	21.20
		12	13	20.63	20.61	20.47	20.61	20.49	21.20
		25	0	20.69	20.6	20.48	20.67	20.53	21.20
	64QAM	1	0	20.55	20.56	20.38	20.6	20.47	21.20
		1	13	20.48	20.55	20.45	20.59	20.4	21.20
		1	24	20.37	20.47	20.39	20.5	20.56	21.20
		12	0	20.67	20.61	20.44	20.63	20.43	21.20
		12	6	20.66	20.52	20.42	20.73	20.54	21.20
		12	13	20.57	20.57	20.43	20.57	20.48	21.20
		25	0	20.54	20.64	20.42	20.61	20.59	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.58	20.68	20.48	20.69	20.56	21.20
		1	25	20.58	20.6	20.49	20.55	20.69	21.20
		1	49	20.48	20.61	20.33	20.48	20.64	21.20
		25	0	20.67	20.5	20.36	20.63	20.5	21.20
		25	13	20.67	20.52	20.52	20.44	20.62	21.20
		25	25	20.52	20.61	20.37	20.52	20.46	21.20
		50	0	20.56	20.52	20.46	20.64	20.5	21.20
	16QAM	1	0	20.74	20.68	20.66	20.83	20.71	21.20
		1	25	20.9	20.95	20.72	20.74	20.74	21.20
		1	49	20.82	20.82	20.6	20.78	20.85	21.20
		25	0	20.57	20.45	20.5	20.7	20.59	21.20
		25	13	20.71	20.68	20.47	20.7	20.51	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 189 of 960

		25	25	20.61	20.48	20.38	20.65	20.53	21.20
		50	0	20.72	20.47	20.34	20.65	20.46	21.20
	64QAM	1	0	20.57	20.47	20.32	20.57	20.44	21.20
		1	25	20.49	20.51	20.39	20.64	20.49	21.20
		1	49	20.38	20.6	20.45	20.42	20.48	21.20
		25	0	20.65	20.45	20.37	20.56	20.56	21.20
		25	13	20.65	20.55	20.35	20.77	20.52	21.20
		25	25	20.52	20.57	20.42	20.52	20.5	21.20
		50	0	20.67	20.59	20.36	20.52	20.67	21.20
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel
39725	40173					40620	41068	41515	
15MHz	QPSK	1	0	20.72	20.65	20.48	20.78	20.74	21.20
		1	38	20.69	20.57	20.54	20.7	20.58	21.20
		1	74	20.62	20.56	20.34	20.55	20.76	21.20
		36	0	20.61	20.49	20.3	20.69	20.58	21.20
		36	18	20.59	20.61	20.46	20.5	20.67	21.20
		36	39	20.47	20.53	20.46	20.64	20.51	21.20
		75	0	20.71	20.46	20.44	20.75	20.57	21.20
	16QAM	1	0	20.91	20.73	20.5	20.78	20.82	21.20
		1	38	20.8	20.86	20.63	20.88	20.83	21.20
		1	74	20.68	20.82	20.72	20.73	20.72	21.20
		36	0	20.64	20.46	20.4	20.72	20.66	21.20
		36	18	20.75	20.56	20.38	20.66	20.67	21.20
		36	39	20.64	20.52	20.49	20.59	20.55	21.20
		75	0	20.66	20.54	20.51	20.51	20.55	21.20
	64QAM	1	0	20.59	20.54	20.29	20.49	20.43	21.20
		1	38	20.48	20.63	20.43	20.64	20.44	21.20
		1	74	20.54	20.57	20.4	20.54	20.57	21.20
		36	0	20.64	20.62	20.49	20.6	20.4	21.20
		36	18	20.67	20.52	20.42	20.61	20.52	21.20
		36	39	20.53	20.56	20.42	20.59	20.42	21.20
75		0	20.62	20.49	20.52	20.51	20.55	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.62	20.61	20.41	20.68	20.65	21.20
		1	50	20.61	20.64	20.44	20.64	20.61	21.20
		1	99	20.55	20.63	20.43	20.58	20.66	21.20
		50	0	20.63	20.52	20.4	20.71	20.49	21.20
		50	25	20.61	20.57	20.42	20.53	20.62	21.20
		50	50	20.57	20.56	20.41	20.58	20.51	21.20
		100	0	20.61	20.56	20.41	20.66	20.52	21.20



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Report No.: SZCR250100007807

Page: 190 of 960

	16QAM	1	0	20.81	20.76	20.6	20.88	20.8	21.20
		1	50	20.86	20.86	20.66	20.8	20.82	21.20
		1	99	20.76	20.77	20.65	20.76	20.76	21.20
		50	0	20.64	20.55	20.45	20.67	20.63	21.20
		50	25	20.67	20.58	20.44	20.63	20.57	21.20
		50	50	20.61	20.58	20.47	20.66	20.54	21.20
		100	0	20.65	20.56	20.44	20.58	20.54	21.20
	64QAM	1	0	20.58	20.49	20.35	20.54	20.49	21.20
		1	50	20.57	20.56	20.41	20.63	20.5	21.20
		1	99	20.47	20.5	20.38	20.46	20.54	21.20
		50	0	20.66	20.53	20.41	20.58	20.46	21.20
		50	25	20.64	20.56	20.42	20.69	20.57	21.20
		50	50	20.57	20.55	20.45	20.49	20.52	21.20
		100	0	20.62	20.54	20.44	20.6	20.6	21.20

LTE Band 41 2496 - 2690 DS12/8/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.75	18.45	18.5	18.74	18.52	19.20
		1	13	18.54	18.6	18.5	18.53	18.36	19.20
		1	24	18.5	18.45	18.5	18.57	18.4	19.20
		12	0	18.63	18.38	18.41	18.55	18.49	19.20
		12	6	18.71	18.4	18.43	18.62	18.42	19.20
		12	13	18.6	18.5	18.41	18.45	18.44	19.20
		25	0	18.63	18.46	18.53	18.45	18.43	19.20
	16QAM	1	0	19	18.67	18.62	18.81	18.7	19.20
		1	13	18.87	18.69	18.68	18.83	18.59	19.20
		1	24	18.72	18.79	18.73	18.78	18.69	19.20
		12	0	18.63	18.41	18.48	18.73	18.61	19.20
		12	6	18.49	18.42	18.45	18.61	18.49	19.20
		12	13	18.57	18.57	18.52	18.47	18.34	19.20
		25	0	18.63	18.43	18.45	18.64	18.4	19.20
	64QAM	1	0	18.6	18.53	18.34	18.66	18.32	19.20
		1	13	18.46	18.45	18.53	18.44	18.49	19.20
		1	24	18.59	18.53	18.49	18.57	18.59	19.20
		12	0	18.7	18.37	18.51	18.6	18.32	19.20
		12	6	18.69	18.44	18.34	18.55	18.43	19.20
		12	13	18.53	18.47	18.47	18.43	18.54	19.20
		25	0	18.6	18.37	18.42	18.59	18.54	19.20
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 191 of 960

			RB offset	39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.65	18.5	18.32	18.65	18.49	19.20
		1	25	18.67	18.41	18.39	18.49	18.35	19.20
		1	49	18.53	18.52	18.53	18.52	18.38	19.20
		25	0	18.7	18.54	18.34	18.58	18.38	19.20
		25	13	18.58	18.45	18.51	18.68	18.43	19.20
		25	25	18.54	18.39	18.42	18.5	18.35	19.20
		50	0	18.56	18.56	18.35	18.54	18.45	19.20
	16QAM	1	0	18.97	18.68	18.56	18.93	18.78	19.20
		1	25	18.88	18.71	18.71	18.71	18.57	19.20
		1	49	18.88	18.77	18.59	18.71	18.79	19.20
		25	0	18.58	18.54	18.49	18.65	18.52	19.20
		25	13	18.49	18.44	18.46	18.62	18.47	19.20
		25	25	18.56	18.45	18.52	18.48	18.4	19.20
		50	0	18.62	18.44	18.54	18.59	18.39	19.20
	64QAM	1	0	18.67	18.44	18.43	18.59	18.48	19.20
		1	25	18.65	18.42	18.43	18.46	18.4	19.20
		1	49	18.47	18.42	18.5	18.43	18.42	19.20
		25	0	18.67	18.52	18.34	18.69	18.44	19.20
		25	13	18.69	18.37	18.45	18.63	18.37	19.20
		25	25	18.66	18.44	18.44	18.57	18.55	19.20
		50	0	18.68	18.4	18.45	18.63	18.49	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	18.65	18.48	18.31	18.67	18.4	19.20
		1	38	18.52	18.45	18.45	18.64	18.35	19.20
		1	74	18.46	18.47	18.39	18.57	18.53	19.20
		36	0	18.58	18.41	18.33	18.52	18.36	19.20
		36	18	18.65	18.53	18.47	18.69	18.44	19.20
		36	39	18.5	18.41	18.51	18.61	18.44	19.20
		75	0	18.65	18.55	18.52	18.43	18.3	19.20
	16QAM	1	0	18.89	18.6	18.63	18.78	18.74	19.20
		1	38	18.8	18.83	18.77	18.87	18.61	19.20
		1	74	18.71	18.82	18.61	18.89	18.72	19.20
		36	0	18.67	18.43	18.38	18.68	18.54	19.20
		36	18	18.64	18.35	18.46	18.63	18.42	19.20
		36	39	18.46	18.47	18.42	18.55	18.4	19.20
		75	0	18.53	18.59	18.55	18.69	18.46	19.20
	64QAM	1	0	18.58	18.48	18.34	18.68	18.51	19.20
		1	38	18.56	18.41	18.53	18.52	18.48	19.20
		1	74	18.52	18.5	18.45	18.59	18.54	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 192 of 960

		36	0	18.55	18.37	18.46	18.55	18.38	19.20
		36	18	18.59	18.5	18.54	18.58	18.4	19.20
		36	39	18.64	18.44	18.53	18.46	18.56	19.20
		75	0	18.57	18.51	18.43	18.63	18.38	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.65	18.52	18.41	18.71	18.45	19.20
		1	50	18.61	18.51	18.46	18.57	18.44	19.20
		1	99	18.55	18.5	18.45	18.5	18.48	19.20
		50	0	18.61	18.47	18.42	18.57	18.45	19.20
		50	25	18.61	18.48	18.45	18.67	18.4	19.20
		50	50	18.58	18.49	18.44	18.53	18.39	19.20
		100	0	18.6	18.49	18.44	18.52	18.39	19.20
	16QAM	1	0	18.91	18.7	18.64	18.85	18.68	19.20
		1	50	18.84	18.76	18.67	18.77	18.61	19.20
		1	99	18.79	18.73	18.68	18.81	18.7	19.20
		50	0	18.67	18.51	18.46	18.69	18.52	19.20
		50	25	18.58	18.39	18.47	18.55	18.39	19.20
		50	50	18.47	18.51	18.47	18.55	18.4	19.20
		100	0	18.63	18.53	18.46	18.59	18.38	19.20
	64QAM	1	0	18.6	18.47	18.38	18.62	18.41	19.20
		1	50	18.56	18.5	18.44	18.49	18.4	19.20
		1	99	18.49	18.46	18.41	18.5	18.49	19.20
		50	0	18.61	18.45	18.41	18.64	18.41	19.20
		50	25	18.59	18.46	18.44	18.54	18.42	19.20
		50	50	18.56	18.46	18.43	18.5	18.47	19.20
		100	0	18.6	18.47	18.42	18.54	18.46	19.20

LTE Band 41 2496 - 2690 DS13				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	17.73	17.58	17.37	17.72	17.43	18.20
		1	13	17.72	17.62	17.53	17.67	17.61	18.20
		1	24	17.55	17.59	17.4	17.63	17.39	18.20
		12	0	17.63	17.41	17.35	17.69	17.49	18.20
		12	6	17.57	17.4	17.54	17.51	17.41	18.20
		12	13	17.62	17.52	17.44	17.51	17.44	18.20
		25	0	17.69	17.54	17.4	17.55	17.63	18.20
	16QAM	1	0	17.75	17.79	17.53	17.91	17.6	18.20
		1	13	17.9	17.65	17.58	17.81	17.7	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 193 of 960

		1	24	17.83	17.62	17.62	17.76	17.65	18.20
		12	0	17.67	17.53	17.51	17.69	17.41	18.20
		12	6	17.72	17.42	17.56	17.6	17.36	18.20
		12	13	17.61	17.53	17.42	17.44	17.47	18.20
		25	0	17.71	17.61	17.42	17.6	17.44	18.20
	64QAM	1	0	17.63	17.5	17.47	17.63	17.53	18.20
		1	13	17.48	17.5	17.5	17.52	17.56	18.20
		1	24	17.43	17.42	17.37	17.46	17.54	18.20
		12	0	17.57	17.54	17.39	17.57	17.35	18.20
		12	6	17.56	17.4	17.34	17.7	17.36	18.20
		12	13	17.64	17.46	17.37	17.62	17.33	18.20
		25	0	17.5	17.47	17.4	17.55	17.51	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
		1	0	17.66	17.54	17.55	17.82	17.5	18.20
		1	25	17.61	17.53	17.4	17.6	17.48	18.20
		1	49	17.5	17.51	17.4	17.47	17.39	18.20
		25	0	17.71	17.57	17.4	17.54	17.5	18.20
		25	13	17.66	17.54	17.44	17.54	17.49	18.20
		25	25	17.61	17.48	17.48	17.59	17.55	18.20
		50	0	17.65	17.42	17.35	17.68	17.53	18.20
	QPSK	1	0	17.78	17.69	17.63	17.82	17.74	18.20
		1	25	17.81	17.7	17.56	17.77	17.76	18.20
		1	49	17.83	17.73	17.64	17.87	17.53	18.20
		25	0	17.7	17.58	17.34	17.74	17.42	18.20
		25	13	17.71	17.51	17.43	17.57	17.44	18.20
		25	25	17.69	17.55	17.42	17.5	17.62	18.20
		50	0	17.6	17.46	17.38	17.6	17.55	18.20
	16QAM	1	0	17.69	17.46	17.4	17.71	17.61	18.20
		1	25	17.61	17.51	17.48	17.55	17.65	18.20
		1	49	17.47	17.47	17.48	17.47	17.49	18.20
		25	0	17.59	17.37	17.34	17.67	17.51	18.20
		25	13	17.58	17.54	17.5	17.56	17.41	18.20
		25	25	17.54	17.38	17.38	17.59	17.4	18.20
		50	0	17.57	17.6	17.46	17.6	17.47	18.20
	64QAM	1	0	17.69	17.46	17.4	17.71	17.61	18.20
		1	25	17.61	17.51	17.48	17.55	17.65	18.20
		1	49	17.47	17.47	17.48	17.47	17.49	18.20
		25	0	17.59	17.37	17.34	17.67	17.51	18.20
		25	13	17.58	17.54	17.5	17.56	17.41	18.20
		25	25	17.54	17.38	17.38	17.59	17.4	18.20
		50	0	17.57	17.6	17.46	17.6	17.47	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
		1	0	17.67	17.64	17.49	17.65	17.56	18.20
		1	38	17.59	17.64	17.49	17.56	17.65	18.20
		1	74	17.63	17.5	17.52	17.58	17.39	18.20
		36	0	17.59	17.58	17.37	17.57	17.46	18.20
	QPSK								



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 194 of 960

		36	18	17.64	17.44	17.53	17.56	17.53	18.20
		36	39	17.56	17.48	17.42	17.63	17.46	18.20
		75	0	17.67	17.54	17.32	17.57	17.59	18.20
	16QAM	1	0	17.81	17.64	17.66	17.72	17.56	18.20
		1	38	17.83	17.67	17.61	17.83	17.82	18.20
		1	74	17.81	17.66	17.62	17.87	17.56	18.20
		36	0	17.69	17.55	17.4	17.6	17.6	18.20
		36	18	17.54	17.51	17.41	17.54	17.54	18.20
		36	39	17.5	17.6	17.52	17.45	17.61	18.20
		75	0	17.57	17.55	17.36	17.7	17.52	18.20
	64QAM	1	0	17.63	17.46	17.45	17.75	17.62	18.20
		1	38	17.61	17.56	17.35	17.7	17.67	18.20
		1	74	17.45	17.37	17.33	17.41	17.45	18.20
		36	0	17.57	17.51	17.39	17.59	17.45	18.20
		36	18	17.57	17.49	17.42	17.6	17.33	18.20
		36	39	17.59	17.4	17.36	17.68	17.32	18.20
		75	0	17.54	17.46	17.48	17.47	17.48	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	17.67	17.54	17.46	17.73	17.49	18.20
		1	50	17.65	17.55	17.47	17.65	17.57	18.20
		1	99	17.57	17.53	17.48	17.53	17.46	18.20
		50	0	17.65	17.48	17.42	17.61	17.47	18.20
		50	25	17.61	17.49	17.46	17.55	17.51	18.20
		50	50	17.56	17.49	17.44	17.59	17.45	18.20
		100	0	17.62	17.5	17.42	17.58	17.56	18.20
		100	50	17.62	17.5	17.42	17.58	17.56	18.20
	16QAM	1	0	17.85	17.72	17.62	17.82	17.66	18.20
		1	50	17.82	17.72	17.64	17.86	17.76	18.20
		1	99	17.76	17.69	17.67	17.79	17.62	18.20
		50	0	17.64	17.48	17.44	17.65	17.51	18.20
		50	25	17.62	17.49	17.46	17.6	17.45	18.20
		50	50	17.59	17.5	17.47	17.54	17.52	18.20
		100	0	17.62	17.52	17.46	17.69	17.54	18.20
		100	50	17.62	17.52	17.46	17.69	17.54	18.20
	64QAM	1	0	17.63	17.48	17.38	17.65	17.52	18.20
		1	50	17.57	17.51	17.42	17.62	17.57	18.20
		1	99	17.5	17.47	17.43	17.51	17.53	18.20
		50	0	17.6	17.45	17.4	17.6	17.45	18.20
		50	25	17.58	17.47	17.42	17.63	17.42	18.20
		50	50	17.55	17.47	17.43	17.62	17.4	18.20
		100	0	17.6	17.5	17.43	17.56	17.52	18.20
		100	50	17.6	17.5	17.43	17.56	17.52	18.20



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3 Conducted Power of Main Antenna (Ant31)

3.1 Conducted Power of GSM

GSM 850 DSI2/3/4/5/8/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.64	32.84	32.57	33.20	-9.19	23.45	23.65	23.38	24.01
GPRS (GMSK)	1 TX Slot	32.65	32.88	32.59	33.20	-9.19	23.46	23.69	23.40	24.01
	2 TX Slots	30.80	30.91	30.72	31.20	-6.18	24.62	24.73	24.54	25.02
	3 TX Slots	28.62	28.85	28.62	29.20	-4.42	24.20	24.43	24.20	24.78
	4 TX Slots	27.01	27.36	27.13	27.70	-3.17	23.84	24.19	23.96	24.53
EGPRS (GMSK)	1 TX Slot	32.69	32.92	32.63	33.20	-9.19	23.50	23.73	23.44	24.01
	2 TX Slots	30.75	30.92	30.70	31.20	-6.18	24.57	24.74	24.52	25.02
	3 TX Slots	28.64	28.86	28.63	29.20	-4.42	24.22	24.44	24.21	24.78
	4 TX Slots	26.99	27.33	27.14	27.70	-3.17	23.82	24.16	23.97	24.53
EGPRS (8PSK)	1 TX Slot	26.93	26.98	27.01	27.70	-9.19	17.74	17.79	17.82	18.51
	2 TX Slots	25.12	25.10	25.11	25.70	-6.18	18.94	18.92	18.93	19.52
	3 TX Slots	23.16	23.15	23.13	23.70	-4.42	18.74	18.73	18.71	19.28
	4 TX Slots	21.17	21.20	21.25	22.20	-3.17	18.00	18.03	18.08	19.03

GSM 1900 DSI2/3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.92	30.18	30.12	30.70	-9.19	20.73	20.99	20.93	21.51
GPRS (GMSK)	1 TX Slot	29.91	30.21	30.11	30.70	-9.19	20.72	21.02	20.92	21.51
	2 TX Slots	27.85	28.13	28.07	28.70	-6.18	21.67	21.95	21.89	22.52
	3 TX Slots	25.81	26.05	26.03	26.70	-4.42	21.39	21.63	21.61	22.28
	4 TX Slots	24.37	24.56	24.58	25.20	-3.17	21.20	21.39	21.41	22.03
EGPRS (GMSK)	1 TX Slot	29.92	30.21	30.15	30.70	-9.19	20.73	21.02	20.96	21.51
	2 TX Slots	27.80	28.16	28.11	28.70	-6.18	21.62	21.98	21.93	22.52
	3 TX Slots	25.77	26.05	26.01	26.70	-4.42	21.35	21.63	21.59	22.28
	4 TX Slots	24.39	24.56	24.60	25.20	-3.17	21.22	21.39	21.43	22.03
EGPRS (8PSK)	1 TX Slot	25.92	25.95	25.96	27.20	-9.19	16.73	16.76	16.77	18.01
	2 TX Slots	23.98	24.01	23.99	25.20	-6.18	17.80	17.83	17.81	19.02
	3 TX Slots	22.01	21.98	21.96	23.20	-4.42	17.59	17.56	17.54	18.78
	4 TX Slots	20.40	20.35	20.35	21.70	-3.17	17.23	17.18	17.18	18.53



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 196 of 960

GSM 1900 DS14/5/8/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.77	29.07	28.98	29.70	-9.19	19.58	19.88	19.79	20.51
GPRS (GMSK)	1 TX Slot	28.78	29.04	28.99	29.70	-9.19	19.59	19.85	19.80	20.51
	2 TX Slots	25.67	25.95	25.98	26.70	-6.18	19.49	19.77	19.80	20.52
	3 TX Slots	23.85	24.08	24.16	24.90	-4.42	19.43	19.66	19.74	20.48
	4 TX Slots	22.69	22.86	22.94	23.50	-3.17	19.52	19.69	19.77	20.33
EGPRS (GMSK)	1 TX Slot	28.76	29.04	28.97	29.70	-9.19	19.57	19.85	19.78	20.51
	2 TX Slots	25.67	25.97	25.97	26.70	-6.18	19.49	19.79	19.79	20.52
	3 TX Slots	23.89	24.05	24.14	24.90	-4.42	19.47	19.63	19.72	20.48
	4 TX Slots	22.69	22.82	22.96	23.50	-3.17	19.52	19.65	19.79	20.33
EGPRS (8PSK)	1 TX Slot	26.09	26.10	26.05	27.20	-9.19	16.90	16.91	16.86	18.01
	2 TX Slots	24.04	24.06	24.01	25.20	-6.18	17.86	17.88	17.83	19.02
	3 TX Slots	21.99	22.02	22.00	23.20	-4.42	17.57	17.60	17.58	18.78
	4 TX Slots	20.36	20.36	20.37	21.70	-3.17	17.19	17.19	17.20	18.53



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3.2 Conducted Power of WCDMA

WCDMA Band II DSI2/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.34	23.12	23.4	24.20
	12.2kbps AMR	23.3	23.16	23.4	24.20
HSDPA	Subtest 1	23.63	22.44	22.77	23.70
	Subtest 2	23.64	22.45	22.79	23.70
	Subtest 3	22.98	21.98	22.3	23.20
	Subtest 4	22.85	21.95	22.27	23.20
HSUPA	Subtest 1	21.17	20.94	21.24	21.70
	Subtest 2	20.4	20.65	20.58	20.70
	Subtest 3	22.18	22.12	22.12	22.20
	Subtest 4	20.66	20.45	20.75	21.70
	Subtest 5	22.17	21.94	22.26	23.20
DC-HSDPA	Subtest 1	23.59	22.42	22.74	23.70
	Subtest 2	23.66	22.42	22.8	23.70
	Subtest 3	22.97	21.99	22.31	23.20
	Subtest 4	22.81	22	22.24	23.20
HSPA+	16QAM	20.03	20.1	20.05	21.20

WCDMA Band II DSI4/5/8/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.8	20.65	20.89	21.70
	12.2kbps AMR	20.8	20.62	20.98	21.70
HSDPA	Subtest 1	21.16	20.94	21.27	21.70
	Subtest 2	21.18	20.95	21.27	21.70
	Subtest 3	21.23	21.01	21.32	21.70
	Subtest 4	21.19	20.93	21.28	21.70
HSUPA	Subtest 1	21.1	21	21.32	21.70
	Subtest 2	21.13	20.96	21.29	21.70
	Subtest 3	21.29	21	21.36	21.70
	Subtest 4	21.17	20.91	21.23	21.70
	Subtest 5	21.22	20.93	21.23	21.70
DC-HSDPA	Subtest 1	21.16	20.89	21.28	21.70
	Subtest 2	21.22	20.89	21.3	21.70
	Subtest 3	21.24	20.98	21.34	21.70
	Subtest 4	21.13	20.89	21.29	21.70
HSPA+	16QAM	20.03	20.03	20.02	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 198 of 960

WCDMA Band IV DSI2/3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.6	23.42	23.4	24.20
	12.2kbps AMR	23.6	23.45	23.5	24.20
HSDPA	Subtest 1	22.77	22.72	22.73	23.70
	Subtest 2	22.77	22.7	22.76	23.70
	Subtest 3	22.32	22.23	22.27	23.20
	Subtest 4	22.29	22.21	22.24	23.20
HSUPA	Subtest 1	21.27	21.21	21.21	22.20
	Subtest 2	20.85	20.95	21.02	22.20
	Subtest 3	22.18	22.49	22.21	23.20
	Subtest 4	20.77	20.71	20.73	21.70
	Subtest 5	22.29	22.22	22.24	23.20
DC-HSDPA	Subtest 1	22.73	22.77	22.74	23.70
	Subtest 2	22.75	22.72	22.76	23.70
	Subtest 3	22.35	22.24	22.26	23.20
	Subtest 4	22.28	22.2	22.25	23.20
HSPA+	16QAM	20.03	20.01	20.09	21.20

WCDMA Band IV DSI4/5/8/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.11	21.02	20.99	21.70
	12.2kbps AMR	21.12	20.98	21.02	21.70
HSDPA	Subtest 1	21.27	21.21	21.22	21.70
	Subtest 2	21.3	21.21	21.24	21.70
	Subtest 3	21.33	21.21	21.3	21.70
	Subtest 4	21.29	21.19	21.26	21.70
HSUPA	Subtest 1	21.31	21.22	21.19	21.70
	Subtest 2	21.25	21.19	21.21	21.70
	Subtest 3	21.35	21.26	21.25	21.70
	Subtest 4	21.29	21.18	21.21	21.70
	Subtest 5	21.16	20.97	21.25	21.70
DC-HSDPA	Subtest 1	21.25	21.2	21.24	21.70
	Subtest 2	21.35	21.17	21.24	21.70
	Subtest 3	21.3	21.22	21.26	21.70
	Subtest 4	21.34	21.21	21.3	21.70
HSPA+	16QAM	20	20.04	20.04	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 199 of 960

WCDMA Band V DS12/3/4/5/8/9/10					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.12	24.02	24.20	24.70
	12.2kbps AMR	24.20	24.13	24.19	24.70
HSDPA	Subtest 1	23.25	23.18	23.30	24.20
	Subtest 2	23.23	23.18	23.30	24.20
	Subtest 3	22.77	22.74	22.83	23.70
	Subtest 4	22.76	22.67	22.82	23.70
HSUPA	Subtest 1	20.74	20.69	20.79	21.70
	Subtest 2	19.74	19.69	19.81	20.70
	Subtest 3	20.98	20.88	20.82	22.20
	Subtest 4	20.24	20.17	20.29	21.20
	Subtest 5	22.00	22.17	21.90	22.20
DC-HSDPA	Subtest 1	23.26	23.22	23.25	24.20
	Subtest 2	23.22	23.16	23.34	24.20
	Subtest 3	22.77	22.70	22.78	23.70
	Subtest 4	22.71	22.67	22.77	23.70
HSPA+	16QAM	20.62	20.62	20.61	21.70



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3.3 Conducted Power of LTE

LTE Band 2 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.41	23.22	23.75	24.50
		1	2	23.24	23.34	23.72	24.50
		1	5	23.17	23.82	23.31	24.50
		3	0	23.44	23.15	23.71	24.50
		3	2	23.28	23.35	23.77	24.50
		3	3	23.74	23.71	23.40	24.50
		6	0	22.18	22.48	23.00	23.50
	16QAM	1	0	22.56	22.38	22.82	23.50
		1	2	22.43	22.31	22.90	23.50
		1	5	22.42	22.89	22.63	23.50
		3	0	22.46	22.28	22.81	23.50
		3	2	22.26	22.41	22.90	23.50
		3	3	22.31	22.96	22.67	23.50
		6	0	21.25	21.48	21.57	22.50
	64QAM	1	0	21.26	21.34	21.25	22.50
		1	2	21.32	21.42	21.64	22.50
		1	5	21.36	21.52	21.44	22.50
		3	0	21.38	21.36	21.40	22.50
		3	2	21.29	21.41	21.69	22.50
		3	3	21.48	21.47	21.33	22.50
		6	0	20.28	20.46	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.37	23.33	23.79	24.50
		1	7	23.29	23.36	23.67	24.50
		1	14	23.70	23.79	23.45	24.50
		8	0	22.22	22.22	22.92	23.50
		8	4	22.27	22.50	22.92	23.50
		8	7	22.14	22.24	22.82	23.50
		15	0	22.28	22.44	22.97	23.50
	16QAM	1	0	22.48	22.40	22.74	23.50
		1	7	22.41	22.37	23.08	23.50
		1	14	22.44	22.96	22.54	23.50
8		0	21.44	21.32	21.74	22.50	
8		4	21.32	21.41	21.65	22.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 202 of 960

		8	7	21.29	21.39	21.39	22.50
		15	0	21.35	21.54	21.41	22.50
	64QAM	1	0	21.35	21.29	21.35	22.50
		1	7	21.41	21.48	21.68	22.50
		1	14	21.39	21.58	21.44	22.50
		8	0	20.40	20.43	20.67	21.50
		8	4	20.39	20.52	20.54	21.50
		8	7	20.33	20.41	20.34	21.50
		15	0	20.27	20.54	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.32	23.22	23.80	24.50
		1	13	23.29	23.40	23.77	24.50
		1	24	23.17	23.70	23.27	24.50
		12	0	22.25	22.21	23.11	23.50
		12	6	22.11	22.52	22.94	23.50
		12	13	22.22	22.36	22.89	23.50
		25	0	22.13	22.46	23.03	23.50
	16QAM	1	0	22.52	22.43	22.85	23.50
		1	13	22.33	22.39	22.97	23.50
		1	24	22.37	22.94	22.53	23.50
		12	0	21.44	21.28	21.71	22.50
		12	6	21.45	21.40	21.71	22.50
		12	13	21.35	21.40	21.37	22.50
		25	0	21.35	21.36	21.46	22.50
	64QAM	1	0	21.29	21.39	21.27	22.50
		1	13	21.43	21.53	21.66	22.50
		1	24	21.34	21.62	21.38	22.50
		12	0	20.41	20.33	20.63	21.50
		12	6	20.27	20.48	20.56	21.50
		12	13	20.35	20.46	20.44	21.50
		25	0	20.42	20.48	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.50	23.80	23.74	24.50
		1	25	23.33	23.47	23.81	24.50
		1	49	23.68	23.69	23.38	24.50
		25	0	22.21	22.22	23.08	23.50
		25	13	22.11	22.48	23.08	23.50
		25	25	22.45	22.34	22.79	23.50
		50	0	22.16	22.53	22.99	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 205 of 960

		3	0	20.96	20.70	21.09	22.00	
		3	2	20.85	21.14	21.01	22.00	
		3	3	20.89	21.23	20.99	22.00	
		6	0	20.31	20.30	20.57	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	20.83	20.80	21.10	22.00	
		1	7	20.89	21.13	20.96	22.00	
		1	14	20.95	21.00	20.96	22.00	
		8	0	20.94	20.95	21.22	22.00	
		8	4	20.89	20.94	21.15	22.00	
		8	7	20.94	21.16	21.13	22.00	
		15	0	20.84	20.86	21.16	22.00	
	16QAM	1	0	20.91	21.21	21.11	22.00	
		1	7	21.13	21.48	21.38	22.00	
		1	14	21.37	21.20	21.01	22.00	
		8	0	20.93	20.79	21.10	22.00	
		8	4	20.83	20.85	21.11	22.00	
		8	7	20.89	21.04	21.08	22.00	
		15	0	20.83	20.85	21.10	22.00	
	64QAM	1	0	20.91	20.86	20.99	22.00	
		1	7	20.95	21.08	20.98	22.00	
		1	14	20.92	21.20	21.17	22.00	
		8	0	20.35	20.40	20.70	21.50	
		8	4	20.31	20.56	20.59	21.50	
		8	7	20.49	20.39	20.54	21.50	
		15	0	20.33	20.48	20.57	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	20.73	20.79	20.91	22.00
1			13	20.81	21.14	21.02	22.00	
1			24	20.88	21.01	20.93	22.00	
12			0	20.86	21.00	21.18	22.00	
12			6	20.87	20.90	21.03	22.00	
12			13	20.83	21.07	21.17	22.00	
25			0	20.92	20.89	21.26	22.00	
16QAM		1	0	20.98	21.14	21.28	22.00	
		1	13	21.17	21.50	21.36	22.00	
		1	24	21.22	21.07	21.05	22.00	
		12	0	20.85	20.80	21.11	22.00	
	12	6	20.95	21.00	21.13	22.00		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 206 of 960

		12	13	20.82	21.04	21.12	22.00
		25	0	20.88	20.96	21.19	22.00
	64QAM	1	0	21.05	20.73	20.98	22.00
		1	13	20.88	21.15	20.96	22.00
		1	24	20.92	21.09	21.07	22.00
		12	0	20.41	20.35	20.66	21.50
		12	6	20.29	20.37	20.64	21.50
		12	13	20.37	20.32	20.44	21.50
		25	0	20.36	20.38	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.76	20.86	21.01	22.00
		1	25	20.88	20.96	20.91	22.00
		1	49	20.96	20.97	20.91	22.00
		25	0	20.91	20.85	21.20	22.00
		25	13	20.80	20.94	21.16	22.00
		25	25	20.85	21.05	21.10	22.00
		50	0	20.91	20.89	21.16	22.00
	16QAM	1	0	20.85	21.15	21.19	22.00
		1	25	21.01	21.52	21.51	22.00
		1	49	21.32	21.06	21.05	22.00
		25	0	20.86	20.81	21.08	22.00
		25	13	20.92	21.02	21.05	22.00
		25	25	20.97	20.94	21.11	22.00
		50	0	20.85	20.90	21.10	22.00
	64QAM	1	0	20.87	20.69	21.14	22.00
		1	25	20.97	21.12	21.06	22.00
		1	49	20.99	21.21	21.12	22.00
		25	0	20.36	20.41	20.67	21.50
		25	13	20.35	20.45	20.58	21.50
		25	25	20.36	20.36	20.40	21.50
		50	0	20.26	20.37	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.81	20.83	21.06	22.00
		1	38	20.83	21.14	20.91	22.00
		1	74	20.93	20.92	20.95	22.00
		36	0	20.94	20.97	21.23	22.00
		36	18	20.94	20.97	21.18	22.00
		36	39	20.91	21.02	21.10	22.00
		75	0	20.95	20.78	21.26	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 207 of 960

	16QAM	1	0	20.90	21.07	21.15	22.00
		1	38	21.15	21.46	21.34	22.00
		1	74	21.29	21.19	21.06	22.00
		36	0	20.81	20.94	21.03	22.00
		36	18	20.90	21.01	21.10	22.00
		36	39	20.92	21.00	20.99	22.00
		75	0	20.76	20.93	21.14	22.00
	64QAM	1	0	21.03	20.73	21.14	22.00
		1	38	20.83	21.22	20.90	22.00
		1	74	20.99	21.06	21.14	22.00
		36	0	20.33	20.39	20.74	21.50
		36	18	20.43	20.54	20.64	21.50
		36	39	20.41	20.37	20.39	21.50
		75	0	20.24	20.42	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.80	20.87	21.01	22.00
		1	50	20.88	21.04	20.98	22.00
		1	99	20.88	21.00	20.90	22.00
		50	0	20.86	20.90	21.15	22.00
		50	25	20.86	20.98	21.13	22.00
		50	50	20.86	21.08	21.08	22.00
		100	0	20.85	20.88	21.16	22.00
	16QAM	1	0	20.92	21.11	21.19	22.00
		1	50	21.08	21.46	21.41	22.00
		1	99	21.29	21.14	21.11	22.00
		50	0	20.86	20.86	21.13	22.00
		50	25	20.89	20.94	21.08	22.00
		50	50	20.87	21.04	21.06	22.00
		100	0	20.81	20.91	21.09	22.00
	64QAM	1	0	20.95	20.77	21.05	22.00
		1	50	20.91	21.17	21.00	22.00
		1	99	20.89	21.14	21.09	22.00
		50	0	20.35	20.39	20.67	21.50
		50	25	20.38	20.46	20.63	21.50
		50	50	20.39	20.41	20.46	21.50
		100	0	20.32	20.40	20.57	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 208 of 960

LTE Band 4 DS12/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.55	23.53	23.64	24.50
		1	2	23.48	23.61	23.97	24.50
		1	5	23.67	23.85	23.70	24.50
		3	0	23.67	23.47	23.68	24.50
		3	2	23.54	23.67	23.95	24.50
		3	3	23.66	23.77	23.70	24.50
		6	0	22.61	22.78	22.91	23.50
	16QAM	1	0	22.60	22.64	22.73	23.50
		1	2	22.67	22.89	23.18	23.50
		1	5	22.79	22.98	22.79	23.50
		3	0	22.56	22.73	22.65	23.50
		3	2	22.74	22.88	23.08	23.50
		3	3	22.78	23.03	22.82	23.50
		6	0	21.73	21.72	21.70	22.50
	64QAM	1	0	21.93	21.69	21.62	22.50
		1	2	21.85	21.87	21.73	22.50
		1	5	21.38	21.81	21.73	22.50
		3	0	21.87	21.78	21.70	22.50
		3	2	21.84	21.88	21.65	22.50
		3	3	21.45	21.71	21.73	22.50
		6	0	20.75	20.54	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.57	23.47	23.63	24.50
		1	7	23.54	23.56	23.94	24.50
		1	14	23.60	23.82	23.60	24.50
		8	0	22.68	22.76	22.97	23.50
		8	4	22.70	22.70	22.87	23.50
		8	7	22.81	22.94	22.88	23.50
		15	0	22.62	22.77	22.88	23.50
	16QAM	1	0	22.66	22.68	22.70	23.50
		1	7	22.75	22.89	23.14	23.50
		1	14	22.79	23.01	22.82	23.50
		8	0	21.71	21.70	21.71	22.50
		8	4	21.75	21.68	21.63	22.50
		8	7	21.81	21.63	21.75	22.50
		15	0	21.81	21.74	21.75	22.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 209 of 960

		1	0	21.90	21.65	21.65	22.50
		1	7	21.86	21.75	21.63	22.50
		1	14	21.42	21.76	21.84	22.50
		8	0	20.77	20.62	20.77	21.50
		8	4	20.81	20.67	20.63	21.50
		8	7	20.70	20.67	20.73	21.50
		15	0	20.77	20.57	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.62	23.53	23.62	24.50
		1	13	23.48	23.67	23.98	24.50
		1	24	23.62	23.80	23.61	24.50
		12	0	22.61	22.77	22.89	23.50
		12	6	22.68	22.76	22.87	23.50
		12	13	22.82	22.95	22.97	23.50
		25	0	22.67	22.81	22.86	23.50
	16QAM	1	0	22.56	22.77	22.75	23.50
		1	13	22.80	22.79	23.15	23.50
		1	24	22.89	22.99	22.84	23.50
		12	0	21.69	21.79	21.74	22.50
		12	6	21.82	21.66	21.61	22.50
		12	13	21.83	21.75	21.76	22.50
		25	0	21.73	21.72	21.72	22.50
	64QAM	1	0	21.89	21.75	21.60	22.50
		1	13	21.86	21.84	21.64	22.50
		1	24	21.49	21.69	21.80	22.50
		12	0	20.75	20.71	20.74	21.50
		12	6	20.82	20.68	20.58	21.50
		12	13	20.74	20.71	20.65	21.50
		25	0	20.79	20.49	20.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.59	23.45	23.67	24.50
		1	25	23.50	23.61	23.94	24.50
		1	49	23.73	23.84	23.62	24.50
		25	0	22.63	22.79	22.86	23.50
		25	13	22.67	22.73	22.86	23.50
		25	25	22.76	22.90	22.89	23.50
		50	0	22.70	22.85	22.89	23.50
	16QAM	1	0	22.55	22.65	22.71	23.50
		1	25	22.71	22.84	23.07	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 210 of 960

		1	49	22.87	23.01	22.73	23.50
		25	0	21.68	21.81	21.65	22.50
		25	13	21.72	21.79	21.61	22.50
		25	25	21.76	21.63	21.74	22.50
		50	0	21.78	21.70	21.71	22.50
	64QAM	1	0	21.90	21.69	21.68	22.50
		1	25	21.83	21.82	21.64	22.50
		1	49	21.42	21.68	21.85	22.50
		25	0	20.71	20.74	20.70	21.50
		25	13	20.80	20.69	20.68	21.50
		25	25	20.78	20.72	20.70	21.50
		50	0	20.84	20.53	20.75	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20025	20175	20325
15MHz	QPSK	1	0	23.56	23.41	23.69	24.50
		1	38	23.55	23.65	23.96	24.50
		1	74	23.69	23.82	23.70	24.50
		36	0	22.59	22.72	22.90	23.50
		36	18	22.64	22.73	22.97	23.50
		36	39	22.75	22.91	22.84	23.50
		75	0	22.67	22.82	22.89	23.50
	16QAM	1	0	22.57	22.74	22.64	23.50
		1	38	22.73	22.84	23.07	23.50
		1	74	22.85	22.91	22.74	23.50
		36	0	21.76	21.80	21.79	22.50
		36	18	21.79	21.68	21.69	22.50
		36	39	21.76	21.70	21.73	22.50
		75	0	21.84	21.71	21.68	22.50
	64QAM	1	0	21.83	21.72	21.57	22.50
		1	38	21.83	21.80	21.71	22.50
		1	74	21.42	21.73	21.86	22.50
		36	0	20.67	20.67	20.69	21.50
		36	18	20.82	20.72	20.64	21.50
		36	39	20.84	20.70	20.79	21.50
		75	0	20.78	20.51	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.60	23.47	23.63	24.50
		1	50	23.51	23.62	23.96	24.50
		1	99	23.66	23.84	23.64	24.50
		50	0	22.63	22.72	22.90	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 211 of 960

		50	25	22.70	22.69	22.91	23.50
		50	50	22.77	22.88	22.90	23.50
		100	0	22.68	22.78	22.88	23.50
	16QAM	1	0	22.60	22.71	22.70	23.50
		1	50	22.73	22.83	23.13	23.50
		1	99	22.84	22.96	22.79	23.50
		50	0	21.73	21.74	21.72	22.50
		50	25	21.79	21.73	21.68	22.50
		50	50	21.80	21.70	21.69	22.50
		100	0	21.77	21.67	21.70	22.50
	64QAM	1	0	21.86	21.72	21.63	22.50
		1	50	21.87	21.82	21.66	22.50
		1	99	21.43	21.75	21.79	22.50
		50	0	20.72	20.69	20.70	21.50
		50	25	20.78	20.71	20.65	21.50
		50	50	20.77	20.68	20.72	21.50
		100	0	20.77	20.56	20.70	21.50

LTE Band 4 DSI4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.15	21.14	21.05	22.00
		1	2	21.16	21.31	21.16	22.00
		1	5	21.31	21.19	21.20	22.00
		3	0	21.20	21.29	21.20	22.00
		3	2	21.31	21.23	21.19	22.00
		3	3	21.32	21.20	21.23	22.00
		6	0	21.26	21.26	21.21	22.00
	16QAM	1	0	21.63	21.18	21.34	22.00
		1	2	21.41	21.36	21.23	22.00
		1	5	21.52	21.48	21.39	22.00
		3	0	21.23	21.23	21.21	22.00
		3	2	21.27	21.25	21.23	22.00
		3	3	21.34	21.25	21.18	22.00
		6	0	21.29	21.19	21.33	22.00
	64QAM	1	0	21.33	21.16	20.94	22.00
		1	2	21.41	21.23	21.33	22.00
		1	5	21.13	21.16	21.38	22.00
		3	0	20.74	20.72	20.70	22.00
		3	2	20.85	20.81	20.68	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 213 of 960

		1	0	21.33	21.16	20.96	22.00
		1	13	21.34	21.19	21.23	22.00
		1	24	21.09	21.23	21.41	22.00
	64QAM	12	0	20.68	20.77	20.68	21.50
		12	6	20.82	20.74	20.65	21.50
		12	13	20.77	20.77	20.70	21.50
		25	0	20.72	20.54	20.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.21	21.16	21.09	22.00
		1	25	21.23	21.33	21.25	22.00
		1	49	21.26	21.28	21.11	22.00
		25	0	21.17	21.19	21.20	22.00
		25	13	21.25	21.20	21.19	22.00
		25	25	21.36	21.27	21.25	22.00
		50	0	21.37	21.18	21.24	22.00
	16QAM	1	0	21.54	21.26	21.48	22.00
		1	25	21.40	21.32	21.25	22.00
		1	49	21.45	21.47	21.32	22.00
		25	0	21.21	21.24	21.20	22.00
		25	13	21.33	21.21	21.23	22.00
		25	25	21.26	21.26	21.16	22.00
		50	0	21.23	21.20	21.24	22.00
	64QAM	1	0	21.39	21.20	21.01	22.00
		1	25	21.43	21.15	21.34	22.00
		1	49	21.11	21.14	21.36	22.00
		25	0	20.71	20.75	20.70	21.50
		25	13	20.76	20.82	20.64	21.50
		25	25	20.78	20.65	20.69	21.50
		50	0	20.75	20.56	20.73	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.26	21.06	21.04	22.00
		1	38	21.25	21.25	21.28	22.00
		1	74	21.24	21.24	21.11	22.00
		36	0	21.20	21.23	21.26	22.00
		36	18	21.29	21.23	21.27	22.00
		36	39	21.22	21.18	21.28	22.00
		75	0	21.26	21.29	21.29	22.00
	16QAM	1	0	21.65	21.18	21.42	22.00
		1	38	21.44	21.43	21.18	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 214 of 960

		1	74	21.52	21.49	21.36	22.00
		36	0	21.23	21.14	21.26	22.00
		36	18	21.29	21.21	21.22	22.00
		36	39	21.32	21.25	21.20	22.00
		75	0	21.27	21.24	21.23	22.00
	64QAM	1	0	21.29	21.09	21.00	22.00
		1	38	21.33	21.28	21.20	22.00
		1	74	21.07	21.20	21.39	22.00
		36	0	20.79	20.78	20.65	21.50
		36	18	20.75	20.74	20.71	21.50
		36	39	20.80	20.75	20.75	21.50
		75	0	20.83	20.54	20.74	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20050					20175	20300	
20MHz	QPSK	1	0	21.24	21.13	21.10	22.00
		1	50	21.23	21.28	21.21	22.00
		1	99	21.24	21.25	21.17	22.00
		50	0	21.23	21.22	21.24	22.00
		50	25	21.30	21.24	21.21	22.00
		50	50	21.29	21.21	21.26	22.00
		100	0	21.31	21.22	21.25	22.00
	16QAM	1	0	21.61	21.20	21.41	22.00
		1	50	21.43	21.39	21.25	22.00
		1	99	21.47	21.47	21.35	22.00
		50	0	21.22	21.18	21.24	22.00
		50	25	21.27	21.23	21.21	22.00
		50	50	21.28	21.23	21.23	22.00
		100	0	21.29	21.17	21.26	22.00
	64QAM	1	0	21.32	21.14	20.96	22.00
		1	50	21.37	21.21	21.27	22.00
		1	99	21.13	21.18	21.34	22.00
		50	0	20.73	20.72	20.72	21.50
		50	25	20.78	20.76	20.71	21.50
		50	50	20.80	20.72	20.69	21.50
		100	0	20.76	20.56	20.72	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 215 of 960

LTE Band 5 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.50	23.62	23.62	24.50
		1	2	23.58	23.51	23.60	24.50
		1	5	23.56	23.66	23.81	24.50
		3	0	23.50	23.68	23.61	24.50
		3	2	23.56	23.58	23.54	24.50
		3	3	23.58	23.63	23.60	24.50
		6	0	22.54	22.50	22.71	23.50
	16QAM	1	0	22.70	22.80	22.79	23.50
		1	2	22.77	22.60	22.84	23.50
		1	5	22.80	22.75	22.91	23.50
		3	0	22.56	22.52	22.74	23.50
		3	2	22.61	22.66	22.69	23.50
		3	3	22.64	22.64	22.86	23.50
		6	0	21.56	21.53	21.68	22.50
	64QAM	1	0	21.63	21.83	21.75	22.50
		1	2	21.59	21.80	21.62	22.50
		1	5	21.60	21.81	21.71	22.50
		3	0	21.56	21.61	21.62	22.50
		3	2	21.57	21.65	21.67	22.50
		3	3	21.57	21.56	21.55	22.50
		6	0	20.56	20.66	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.50	23.57	23.60	24.50
		1	7	23.54	23.55	23.55	24.50
		1	14	23.51	23.64	23.78	24.50
		8	0	22.54	22.63	22.59	23.50
		8	4	22.51	22.58	22.59	23.50
		8	7	22.57	22.67	22.63	23.50
		15	0	22.50	22.51	22.71	23.50
	16QAM	1	0	22.69	22.77	22.81	23.50
		1	7	22.76	22.61	22.79	23.50
		1	14	22.76	22.78	22.92	23.50
		8	0	21.51	21.56	21.62	22.50
		8	4	21.58	21.58	21.54	22.50
		8	7	21.51	21.59	21.72	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 216 of 960

		15	0	21.55	21.50	21.68	22.50
	64QAM	1	0	21.66	21.78	21.80	22.50
		1	7	21.54	21.80	21.66	22.50
		1	14	21.60	21.76	21.71	22.50
		8	0	20.52	20.59	20.61	21.50
		8	4	20.58	20.63	20.63	21.50
		8	7	20.55	20.52	20.56	21.50
		15	0	20.54	20.62	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.57	23.57	23.63	24.50
		1	13	23.57	23.55	23.52	24.50
		1	24	23.56	23.61	23.75	24.50
		12	0	22.50	22.61	22.63	23.50
		12	6	22.58	22.56	22.61	23.50
		12	13	22.51	22.64	22.65	23.50
		25	0	22.51	22.56	22.66	23.50
		25	0	22.51	22.56	22.66	23.50
	16QAM	1	0	22.67	22.81	22.86	23.50
		1	13	22.73	22.62	22.80	23.50
		1	24	22.72	22.81	22.92	23.50
		12	0	21.55	21.50	21.60	22.50
		12	6	21.50	21.57	21.58	22.50
		12	13	21.55	21.54	21.67	22.50
		25	0	21.50	21.54	21.63	22.50
		25	0	21.50	21.54	21.63	22.50
	64QAM	1	0	21.67	21.73	21.77	22.50
		1	13	21.59	21.75	21.64	22.50
		1	24	21.63	21.75	21.69	22.50
		12	0	20.53	20.58	20.57	21.50
		12	6	20.53	20.59	20.63	21.50
		12	13	20.50	20.54	20.58	21.50
		25	0	20.59	20.61	20.59	21.50
		25	0	20.59	20.61	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.52	23.52	23.58	24.50
		1	25	23.51	23.60	23.57	24.50
		1	49	23.50	23.56	23.70	24.50
		25	0	22.55	22.58	22.64	23.50
		25	13	22.53	22.58	22.61	23.50
		25	25	22.54	22.59	22.60	23.50
		50	0	22.51	22.57	22.61	23.50
		50	0	22.51	22.57	22.61	23.50
	16QAM	1	0	22.68	22.80	22.89	23.50
		1	0	22.68	22.80	22.89	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 217 of 960

		1	25	22.78	22.64	22.80	23.50
		1	49	22.70	22.77	22.92	23.50
		25	0	21.52	21.54	21.62	22.50
		25	13	21.54	21.55	21.62	22.50
		25	25	21.56	21.58	21.62	22.50
		50	0	21.51	21.55	21.63	22.50
	64QAM	1	0	21.71	21.75	21.75	22.50
		1	25	21.62	21.79	21.64	22.50
		1	49	21.67	21.71	21.72	22.50
		25	0	20.53	20.53	20.60	21.50
		25	13	20.50	20.56	20.60	21.50
		25	25	20.53	20.56	20.58	21.50
		50	0	20.51	20.57	20.61	21.50

LTE Band 7 DS12/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.62	23.74	24.06	24.20
		1	13	23.61	23.76	23.97	24.20
		1	24	23.71	23.74	23.87	24.20
		12	0	22.74	22.64	23.12	23.20
		12	6	22.77	22.50	22.92	23.20
		12	13	22.77	22.93	22.91	23.20
		25	0	22.60	22.85	22.91	23.20
	16QAM	1	0	22.88	22.99	22.90	23.20
		1	13	22.77	22.77	23.01	23.20
		1	24	22.36	23.05	23.08	23.20
		12	0	21.63	21.83	22.14	22.20
		12	6	21.72	21.83	21.98	22.20
		12	13	21.63	21.90	22.06	22.20
		25	0	21.72	21.98	22.08	22.20
	64QAM	1	0	21.31	21.38	22.16	22.20
		1	13	21.74	21.70	22.10	22.20
		1	24	21.59	21.51	21.97	22.20
		12	0	20.83	20.96	20.97	21.20
		12	6	20.66	20.89	21.06	21.20
		12	13	20.67	20.91	20.94	21.20
		25	0	20.78	20.97	21.06	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 218 of 960

10MHz	QPSK	1	0	23.62	23.75	23.98	24.20
		1	25	23.53	23.94	24.03	24.20
		1	49	23.64	23.91	23.92	24.20
		25	0	22.63	22.49	23.14	23.20
		25	13	22.64	22.52	23.04	23.20
		25	25	22.75	22.91	23.02	23.20
		50	0	22.68	22.91	23.00	23.20
	16QAM	1	0	22.71	22.98	22.91	23.20
		1	25	22.87	22.68	23.08	23.20
		1	49	22.49	22.96	23.02	23.20
		25	0	21.64	21.78	21.97	22.20
		25	13	21.77	21.88	21.98	22.20
		25	25	21.78	22.03	22.06	22.20
		50	0	21.69	21.96	21.94	22.20
	64QAM	1	0	21.48	21.41	22.17	22.20
		1	25	21.78	21.82	22.00	22.20
		1	49	21.63	21.55	21.86	22.20
		25	0	20.64	20.83	21.06	21.20
		25	13	20.60	20.81	21.00	21.20
		25	25	20.65	21.01	21.01	21.20
		50	0	20.62	20.84	20.91	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.78	23.72	23.93	24.20
		1	38	23.57	23.74	24.10	24.20
		1	74	23.73	23.94	23.91	24.20
		36	0	22.77	22.52	23.13	23.20
		36	18	22.80	22.61	23.01	23.20
		36	39	22.58	22.98	23.03	23.20
		75	0	22.70	22.96	23.08	23.20
	16QAM	1	0	22.82	22.95	22.96	23.20
		1	38	22.93	22.75	23.00	23.20
		1	74	22.44	22.99	22.96	23.20
		36	0	21.60	21.82	22.05	22.20
		36	18	21.72	21.99	21.97	22.20
		36	39	21.68	21.83	22.02	22.20
		75	0	21.62	21.92	22.07	22.20
	64QAM	1	0	21.31	21.53	22.14	22.20
		1	38	21.82	21.75	22.02	22.20
		1	74	21.62	21.48	22.00	22.20
		36	0	20.77	20.76	21.12	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 219 of 960

		36	18	20.71	20.88	21.06	21.20
		36	39	20.63	21.00	21.08	21.20
		75	0	20.60	20.83	21.03	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.68	23.74	23.98	24.20
		1	50	23.54	23.84	24.02	24.20
		1	99	23.70	23.84	23.92	24.20
		50	0	22.71	22.59	23.10	23.20
		50	25	22.71	22.59	23.02	23.20
		50	50	22.67	22.94	22.96	23.20
		100	0	22.70	22.90	23.00	23.20
	16QAM	1	0	22.78	22.89	22.86	23.20
		1	50	22.86	22.71	23.05	23.20
		1	99	22.44	23.02	23.04	23.20
		50	0	21.69	21.88	22.07	22.20
		50	25	21.70	21.89	22.02	22.20
		50	50	21.70	21.93	21.98	22.20
		100	0	21.68	21.90	22.00	22.20
	64QAM	1	0	21.41	21.44	22.07	22.20
		1	50	21.80	21.78	22.07	22.20
		1	99	21.53	21.54	21.95	22.20
		50	0	20.73	20.86	21.04	21.20
		50	25	20.70	20.87	21.00	21.20
		50	50	20.69	20.91	21.01	21.20
		100	0	20.68	20.88	20.98	21.20

LTE Band 7 DSI4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.73	21.82	22.01	22.20
		1	13	21.72	21.82	22.11	22.20
		1	24	21.68	21.80	21.85	22.20
		12	0	21.65	21.97	22.17	22.20
		12	6	21.62	21.86	22.10	22.20
		12	13	21.62	21.89	22.03	22.20
		25	0	21.62	21.97	22.08	22.20
	16QAM	1	0	21.64	21.36	21.58	22.20
		1	13	22.04	21.90	21.98	22.20
		1	24	21.73	22.15	22.08	22.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 220 of 960

		12	0	21.80	21.79	22.00	22.20
		12	6	21.79	21.84	21.98	22.20
		12	13	21.40	22.04	22.02	22.20
		25	0	21.68	21.89	22.07	22.20
	64QAM	1	0	21.40	21.50	21.94	22.20
		1	13	20.89	21.86	21.88	22.20
		1	24	21.82	21.61	21.56	22.20
		12	0	20.69	20.98	21.17	21.20
		12	6	20.69	20.80	21.05	21.20
		12	13	20.58	21.00	21.00	21.20
		25	0	20.64	20.95	20.99	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.67	21.70	21.92	22.20
		1	25	21.65	21.94	22.08	22.20
		1	49	21.71	21.96	22.03	22.20
		25	0	21.73	21.90	22.05	22.20
		25	13	21.75	21.91	22.01	22.20
		25	25	21.67	21.89	21.89	22.20
		50	0	21.62	21.93	22.11	22.20
	16QAM	1	0	21.55	21.35	21.60	22.20
		1	25	22.02	21.92	21.93	22.20
		1	49	21.93	22.04	22.07	22.20
		25	0	21.71	21.88	22.08	22.20
		25	13	21.69	21.99	22.10	22.20
		25	25	21.45	22.04	21.98	22.20
		50	0	21.74	21.82	22.10	22.20
	64QAM	1	0	21.38	21.48	21.94	22.20
		1	25	20.84	21.73	21.85	22.20
		1	49	21.76	21.61	21.50	22.20
		25	0	20.66	20.97	21.10	21.20
		25	13	20.63	20.90	21.02	21.20
		25	25	20.62	20.96	20.97	21.20
		50	0	20.66	20.96	21.03	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.76	21.69	21.89	22.20
		1	38	21.72	21.87	22.10	22.20
		1	74	21.59	21.86	21.87	22.20
		36	0	21.72	21.91	22.16	22.20
		36	18	21.78	21.99	22.02	22.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 221 of 960

		36	39	21.68	21.93	22.07	22.20
		75	0	21.62	21.95	21.97	22.20
	16QAM	1	0	21.57	21.40	21.56	22.20
		1	38	22.00	21.86	22.09	22.20
		1	74	21.77	22.08	22.02	22.20
		36	0	21.75	21.92	22.02	22.20
		36	18	21.75	21.89	22.05	22.20
		36	39	21.44	21.95	22.03	22.20
		75	0	21.72	21.85	22.11	22.20
	64QAM	1	0	21.45	21.48	22.08	22.20
		1	38	20.81	21.82	21.75	22.20
		1	74	21.67	21.67	21.67	22.20
		36	0	20.77	20.78	21.01	21.20
		36	18	20.67	20.84	21.06	21.20
		36	39	20.66	20.87	20.87	21.20
		75	0	20.59	20.90	21.03	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.71	21.78	21.99	22.20
		1	50	21.66	21.91	22.13	22.20
		1	99	21.66	21.90	21.93	22.20
		50	0	21.74	21.88	22.07	22.20
		50	25	21.72	21.92	22.03	22.20
		50	50	21.68	21.95	21.97	22.20
		100	0	21.70	21.92	22.02	22.20
	16QAM	1	0	21.59	21.41	21.56	22.20
		1	50	22.02	21.90	22.03	22.20
		1	99	21.83	22.06	22.12	22.20
		50	0	21.74	21.89	22.07	22.20
		50	25	21.71	21.92	22.04	22.20
		50	50	21.41	21.97	21.98	22.20
		100	0	21.69	21.89	22.02	22.20
	64QAM	1	0	21.43	21.58	22.02	22.20
		1	50	20.89	21.77	21.83	22.20
		1	99	21.73	21.66	21.59	22.20
		50	0	20.74	20.88	21.07	21.20
		50	25	20.70	20.89	21.01	21.20
		50	50	20.66	20.96	20.97	21.20
		100	0	20.68	20.91	21.01	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 222 of 960

LTE FDD Band 12 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.04	23.87	23.38	24.70
		1	2	24.06	23.87	23.53	24.70
		1	5	23.88	23.93	23.86	24.70
		3	0	24.15	23.82	23.42	24.70
		3	2	24.00	23.96	23.47	24.70
		3	3	23.78	23.81	23.92	24.70
		6	0	23.02	23.00	23.02	23.70
	16QAM	1	0	22.92	23.03	23.06	23.70
		1	2	22.40	23.00	22.64	23.70
		1	5	23.03	23.02	23.22	23.70
		3	0	22.92	22.86	22.86	23.70
		3	2	22.90	23.04	22.97	23.70
		3	3	22.43	23.10	22.58	23.70
		6	0	21.93	21.94	22.00	22.70
	64QAM	1	0	21.52	21.67	21.56	22.70
		1	2	21.84	21.89	21.69	22.70
		1	5	21.63	21.70	21.75	22.70
		3	0	21.63	21.69	21.50	22.70
		3	2	21.94	21.89	21.68	22.70
		3	3	21.59	21.65	21.68	22.70
		6	0	21.08	20.90	20.90	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.10	23.81	23.80	24.70
		1	7	24.09	23.85	23.41	24.70
		1	14	23.86	23.80	23.96	24.70
		8	0	22.97	22.98	22.90	23.70
		8	4	23.03	22.97	23.03	23.70
		8	7	23.00	22.98	23.02	23.70
		15	0	22.89	22.85	22.88	23.70
	16QAM	1	0	22.84	23.06	22.92	23.70
		1	7	22.42	22.99	22.65	23.70
		1	14	22.99	22.97	23.15	23.70
		8	0	21.99	21.83	22.06	22.70
		8	4	22.04	21.97	22.08	22.70
		8	7	21.96	21.99	21.99	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 223 of 960

		15	0	21.92	21.98	21.92	22.70
	64QAM	1	0	21.70	21.67	21.58	22.70
		1	7	21.87	21.97	21.68	22.70
		1	14	21.61	21.76	21.64	22.70
		8	0	21.03	20.92	20.89	21.70
		8	4	21.06	20.85	20.98	21.70
		8	7	20.97	20.90	21.03	21.70
		15	0	21.03	21.02	20.98	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.10	23.74	23.32	24.70
		1	13	24.03	23.89	23.41	24.70
		1	24	23.90	23.92	23.89	24.70
		12	0	22.97	22.94	22.96	23.70
		12	6	22.95	22.90	23.05	23.70
		12	13	23.07	23.00	23.03	23.70
		25	0	22.91	22.94	22.98	23.70
	16QAM	1	0	22.92	23.21	22.99	23.70
		1	13	22.53	23.12	22.72	23.70
		1	24	22.99	22.95	23.10	23.70
		12	0	22.05	22.03	22.07	22.70
		12	6	21.97	22.06	21.89	22.70
		12	13	21.95	21.99	22.07	22.70
		25	0	22.05	21.87	22.05	22.70
	64QAM	1	0	21.58	21.74	21.61	22.70
		1	13	21.85	21.84	21.68	22.70
		1	24	21.50	21.82	21.67	22.70
		12	0	20.92	20.85	21.07	21.70
		12	6	20.90	21.00	21.04	21.70
		12	13	21.08	21.03	20.92	21.70
		25	0	21.04	20.95	20.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	24.05	23.80	23.34	24.70
		1	25	24.03	23.87	23.48	24.70
		1	49	23.88	23.89	23.90	24.70
		25	0	22.97	22.94	22.95	23.70
		25	13	23.00	22.96	22.97	23.70
		25	25	23.00	22.96	22.94	23.70
		50	0	22.97	22.95	22.95	23.70
	16QAM	1	0	22.90	23.12	22.96	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 224 of 960

		1	25	22.44	23.04	22.66	23.70
		1	49	23.07	22.93	23.19	23.70
		25	0	21.96	21.93	21.98	22.70
		25	13	21.99	21.96	21.98	22.70
		25	25	21.98	21.95	21.97	22.70
		50	0	21.98	21.96	21.97	22.70
	64QAM	1	0	21.60	21.74	21.54	22.70
		1	25	21.85	21.94	21.70	22.70
		1	49	21.60	21.72	21.65	22.70
		25	0	20.99	20.92	20.97	21.70
		25	13	20.96	20.94	20.97	21.70
		25	25	20.98	20.93	20.97	21.70
		50	0	20.99	20.93	20.99	21.70

LTE FDD Band 13 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.70	23.75	23.59	24.70
		1	13	23.47	23.59	23.45	24.70
		1	24	23.37	23.48	23.37	24.70
		12	0	22.62	22.78	22.63	23.70
		12	6	22.58	22.77	22.64	23.70
		12	13	22.58	22.63	22.48	23.70
		25	0	22.62	22.75	22.53	23.70
	16QAM	1	0	22.97	22.89	22.97	23.70
		1	13	22.56	22.69	22.64	23.70
		1	24	22.63	22.83	22.59	23.70
		12	0	21.35	21.45	21.37	22.70
		12	6	21.44	21.55	21.57	22.70
		12	13	21.40	21.50	21.34	22.70
		25	0	21.59	21.76	21.63	22.70
	64QAM	1	0	21.72	21.84	21.69	22.70
		1	13	21.65	21.62	21.66	22.70
		1	24	21.38	21.59	21.51	22.70
		12	0	20.52	20.74	20.56	21.70
		12	6	20.56	20.54	20.62	21.70
		12	13	20.57	20.64	20.62	21.70
		25	0	20.62	20.60	20.64	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 225 of 960

10MHz	QPSK	1	0	/	23.70	/	24.70
		1	25	/	23.50	/	24.70
		1	49	/	23.57	/	24.70
		25	0	/	22.73	/	23.70
		25	13	/	22.71	/	23.70
		25	25	/	22.68	/	23.70
		50	0	/	22.70	/	23.70
	16QAM	1	0	/	22.99	/	23.70
		1	25	/	22.73	/	23.70
		1	49	/	22.73	/	23.70
		25	0	/	21.41	/	22.70
		25	13	/	21.63	/	22.70
		25	25	/	21.42	/	22.70
		50	0	/	21.69	/	22.70
	64QAM	1	0	/	21.85	/	22.70
		1	25	/	21.71	/	22.70
		1	49	/	21.57	/	22.70
		25	0	/	20.72	/	21.70
		25	13	/	20.62	/	21.70
		25	25	/	20.66	/	21.70
		50	0	/	20.68	/	21.70

LTE FDD Band 17 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.73	23.75	23.72	24.70
		1	13	23.69	23.88	23.65	24.70
		1	24	23.97	23.81	23.92	24.70
		12	0	22.85	22.69	22.77	23.70
		12	6	22.85	22.91	22.96	23.70
		12	13	22.62	22.75	22.78	23.70
		25	0	22.80	22.54	22.78	23.70
	16QAM	1	0	23.08	22.88	23.03	23.70
		1	13	22.85	22.87	23.03	23.70
		1	24	22.81	22.99	22.87	23.70
		12	0	21.90	21.85	21.86	22.70
		12	6	21.88	21.95	21.80	22.70
		12	13	21.79	21.80	21.85	22.70
		25	0	21.87	21.71	21.94	22.70
	64QAM	1	0	21.95	21.80	21.89	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 226 of 960

		1	13	22.07	21.77	21.69	22.70
		1	24	22.03	21.74	21.52	22.70
		12	0	20.84	20.83	20.77	21.70
		12	6	20.91	20.79	20.85	21.70
		12	13	20.87	20.75	20.74	21.70
		25	0	20.88	20.75	20.92	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.77	23.66	23.77	24.70
		1	25	23.79	23.81	23.61	24.70
		1	49	23.87	23.82	23.92	24.70
		25	0	22.83	22.69	22.85	23.70
		25	13	22.75	22.84	22.87	23.70
		25	25	22.66	22.69	22.80	23.70
		50	0	22.84	22.62	22.87	23.70
	16QAM	1	0	22.99	22.95	22.99	23.70
		1	25	22.93	22.97	23.01	23.70
		1	49	22.84	22.92	22.91	23.70
		25	0	21.86	21.84	21.83	22.70
		25	13	21.82	21.87	21.83	22.70
		25	25	21.85	21.84	21.81	22.70
		50	0	21.83	21.81	21.84	22.70
	64QAM	1	0	21.86	21.88	21.91	22.70
		1	25	22.01	21.70	21.67	22.70
		1	49	21.93	21.82	21.62	22.70
		25	0	20.86	20.86	20.84	21.70
		25	13	20.83	20.87	20.83	21.70
		25	25	20.85	20.84	20.81	21.70
		50	0	20.84	20.84	20.84	21.70

LTE Band 26 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.52	23.66	23.75	24.70
		1	2	23.79	23.76	23.79	24.70
		1	5	23.52	23.78	23.64	24.70
		3	0	23.55	23.67	23.76	24.70
		3	2	23.64	23.84	23.68	24.70
		3	3	23.49	23.84	23.77	24.70
		6	0	22.60	22.72	22.76	23.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 227 of 960

		1	0	22.89	23.06	22.97	23.70
		1	2	22.98	22.95	22.91	23.70
		1	5	22.83	23.05	22.98	23.70
	16QAM	3	0	22.93	23.09	22.95	23.70
		3	2	22.98	22.90	22.93	23.70
		3	3	22.88	23.10	22.89	23.70
		6	0	21.72	21.84	21.85	22.70
		1	0	21.80	21.67	21.79	22.70
		1	2	21.99	21.70	21.85	22.70
		1	5	21.79	21.97	21.88	22.70
	64QAM	3	0	21.72	21.72	21.92	22.70
		3	2	21.85	21.79	21.78	22.70
		3	3	21.74	21.87	21.97	22.70
		6	0	20.71	20.81	20.73	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
		1	0	23.62	23.65	23.78	24.70
		1	7	23.77	23.89	23.79	24.70
		1	14	23.59	23.83	23.64	24.70
	QPSK	8	0	22.72	22.55	22.78	23.70
		8	4	22.62	22.75	22.88	23.70
		8	7	22.59	22.71	22.86	23.70
		15	0	22.60	22.83	22.86	23.70
		1	0	23.01	23.03	22.96	23.70
		1	7	22.95	23.01	22.86	23.70
		1	14	22.81	23.04	22.86	23.70
	16QAM	8	0	21.59	21.85	21.66	22.70
		8	4	21.70	21.66	21.75	22.70
		8	7	21.77	21.77	21.82	22.70
		15	0	21.80	21.82	21.80	22.70
		1	0	21.71	21.77	21.85	22.70
		1	7	21.99	21.70	21.85	22.70
		1	14	21.84	21.84	21.81	22.70
	64QAM	8	0	20.66	20.73	20.78	21.70
		8	4	20.76	20.71	20.81	21.70
		8	7	20.68	20.76	20.73	21.70
		15	0	20.59	20.74	20.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
		1	0	23.54	23.58	23.76	24.70
5MHz	QPSK	1	13	23.75	23.72	23.62	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 228 of 960

		1	24	23.62	23.66	23.67	24.70
		12	0	22.56	22.74	22.79	23.70
		12	6	22.79	22.72	22.81	23.70
		12	13	22.65	22.64	22.69	23.70
		25	0	22.69	22.76	22.76	23.70
	16QAM	1	0	22.88	23.00	22.95	23.70
		1	13	22.94	22.92	22.84	23.70
		1	24	22.84	23.09	22.92	23.70
		12	0	21.70	21.75	21.67	22.70
		12	6	21.59	21.68	21.73	22.70
		12	13	21.68	21.87	21.73	22.70
		25	0	21.76	21.77	21.77	22.70
	64QAM	1	0	21.82	21.74	21.99	22.70
		1	13	21.87	21.74	21.95	22.70
		1	24	21.64	21.96	21.85	22.70
		12	0	20.63	20.82	20.85	21.70
		12	6	20.59	20.84	20.79	21.70
		12	13	20.66	20.89	20.78	21.70
		25	0	20.61	20.77	20.84	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.49	23.54	23.70	24.70
		1	25	23.66	23.89	23.73	24.70
		1	49	23.63	23.80	23.59	24.70
		25	0	22.75	22.58	22.78	23.70
		25	13	22.71	22.71	22.85	23.70
		25	25	22.54	22.66	22.68	23.70
		50	0	22.67	22.76	22.79	23.70
	16QAM	1	0	22.92	23.05	22.89	23.70
		1	25	22.99	22.87	22.93	23.70
		1	49	22.80	23.00	23.00	23.70
		25	0	21.64	21.75	21.72	22.70
		25	13	21.63	21.76	21.69	22.70
		25	25	21.72	21.79	21.69	22.70
		50	0	21.77	21.74	21.72	22.70
	64QAM	1	0	21.70	21.63	21.93	22.70
		1	25	21.86	21.74	21.78	22.70
		1	49	21.83	21.88	21.84	22.70
		25	0	20.72	20.77	20.80	21.70
		25	13	20.62	20.78	20.75	21.70
		25	25	20.77	20.85	20.80	21.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 229 of 960

Bandwidth	Modulation	50	0	20.72	20.81	20.78	21.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.58	23.60	23.70	24.70
		1	38	23.73	23.81	23.71	24.70
		1	74	23.58	23.74	23.67	24.70
		36	0	22.66	22.65	22.74	23.70
		36	18	22.70	22.73	22.78	23.70
		36	39	22.60	22.71	22.77	23.70
		75	0	22.68	22.77	22.80	23.70
	16QAM	1	0	22.98	23.01	22.93	23.70
		1	38	22.93	22.96	22.91	23.70
		1	74	22.82	23.05	22.95	23.70
		36	0	21.67	21.76	21.74	22.70
		36	18	21.67	21.73	21.77	22.70
		36	39	21.68	21.77	21.78	22.70
		75	0	21.70	21.77	21.80	22.70
	64QAM	1	0	21.78	21.71	21.89	22.70
		1	38	21.91	21.76	21.86	22.70
		1	74	21.74	21.89	21.90	22.70
		36	0	20.67	20.74	20.77	21.70
		36	18	20.69	20.76	20.82	21.70
		36	39	20.75	20.79	20.82	21.70
		75	0	20.69	20.76	20.82	21.70

LTE Band 66 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.30	23.72	23.21	24.50
		1	2	23.44	23.62	23.27	24.50
		1	5	23.79	23.46	23.44	24.50
		3	0	23.14	23.70	23.19	24.50
		3	1	23.40	23.72	23.29	24.50
		3	3	23.72	23.52	23.46	24.50
		6	0	22.67	22.59	22.40	23.50
	16QAM	1	0	22.75	22.81	22.29	23.50
		1	2	22.93	22.67	22.42	23.50
		1	5	22.90	22.85	22.78	23.50
		3	0	22.85	22.69	22.40	23.50
		3	1	22.94	22.57	22.41	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 230 of 960

	64QAM	3	3	22.72	22.81	22.80	23.50
		6	0	21.86	21.54	21.31	22.50
		1	0	21.86	21.69	21.14	22.50
		1	2	21.57	21.72	21.38	22.50
		1	5	21.78	21.72	21.74	22.50
		3	0	21.84	21.60	21.68	22.50
		3	1	21.60	21.84	21.37	22.50
		3	3	21.63	21.74	21.69	22.50
		6	0	20.86	20.61	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.23	23.83	23.50	24.50
		1	7	23.45	23.58	23.32	24.50
		1	14	23.69	23.60	23.39	24.50
		8	0	22.67	22.69	22.35	23.50
		8	4	22.75	22.60	22.41	23.50
		8	7	22.89	22.63	22.52	23.50
		15	0	22.82	22.76	22.40	23.50
	16QAM	1	0	22.80	22.68	22.22	23.50
		1	7	23.00	22.71	22.53	23.50
		1	14	22.80	22.83	22.83	23.50
		8	0	21.65	21.53	21.25	22.50
		8	4	21.82	21.56	21.44	22.50
		8	7	21.78	21.48	21.38	22.50
		15	0	21.72	21.56	21.31	22.50
	64QAM	1	0	21.87	21.72	21.12	22.50
		1	7	21.72	21.79	21.43	22.50
		1	14	21.79	21.79	21.70	22.50
		8	0	20.83	20.65	20.54	21.50
		8	4	20.69	20.56	20.33	21.50
		8	7	20.91	20.52	20.41	21.50
		15	0	20.82	20.57	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.14	23.80	23.12	24.50
		1	13	23.42	23.55	23.40	24.50
		1	24	23.70	23.43	23.48	24.50
		12	0	22.77	22.73	22.31	23.50
		12	6	22.85	22.54	22.34	23.50
		12	13	22.70	22.66	22.55	23.50
		25	0	22.71	22.76	22.54	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 231 of 960

	16QAM	1	0	22.84	22.81	22.39	23.50
		1	13	22.89	22.63	22.60	23.50
		1	24	22.87	22.83	22.88	23.50
		12	0	21.81	21.55	21.22	22.50
		12	6	21.75	21.69	21.45	22.50
		12	13	21.86	21.41	21.38	22.50
		25	0	21.67	21.68	21.45	22.50
	64QAM	1	0	21.86	21.58	21.20	22.50
		1	13	21.64	21.70	21.50	22.50
		1	24	21.71	21.69	21.75	22.50
		12	0	20.82	20.51	20.44	21.50
		12	6	20.70	20.55	20.21	21.50
		12	13	20.79	20.72	20.42	21.50
		25	0	20.72	20.46	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.25	23.86	23.24	24.50
		1	25	23.51	23.54	23.33	24.50
		1	49	23.63	23.61	23.48	24.50
		25	0	22.73	22.60	22.47	23.50
		25	13	22.80	22.66	22.38	23.50
		25	25	22.89	22.70	22.51	23.50
		50	0	22.84	22.61	22.37	23.50
	16QAM	1	0	22.77	22.83	22.24	23.50
		1	25	22.93	22.71	22.58	23.50
		1	49	22.85	22.95	22.80	23.50
		25	0	21.78	21.71	21.35	22.50
		25	13	21.79	21.64	21.49	22.50
		25	25	21.81	21.55	21.32	22.50
		50	0	21.67	21.50	21.31	22.50
	64QAM	1	0	21.88	21.64	21.22	22.50
		1	25	21.59	21.76	21.51	22.50
		1	49	21.68	21.65	21.71	22.50
		25	0	20.78	20.67	20.57	21.50
		25	13	20.69	20.55	20.20	21.50
		25	25	20.82	20.68	20.35	21.50
		50	0	20.71	20.60	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.17	23.74	23.66	24.50
		1	38	23.43	23.55	23.42	24.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 232 of 960

		1	74	23.65	23.50	23.40	24.50
		36	0	22.80	22.64	22.34	23.50
		36	18	22.84	22.60	22.41	23.50
		36	39	22.77	22.63	22.57	23.50
		75	0	22.83	22.76	22.52	23.50
	16QAM	1	0	22.86	22.72	22.23	23.50
		1	38	22.97	22.61	22.50	23.50
		1	74	22.73	22.78	22.84	23.50
		36	0	21.68	21.62	21.36	22.50
		36	18	21.84	21.63	21.44	22.50
		36	39	21.86	21.37	21.23	22.50
		75	0	21.82	21.59	21.39	22.50
	64QAM	1	0	21.75	21.64	21.12	22.50
		1	38	21.72	21.86	21.55	22.50
		1	74	21.63	21.81	21.84	22.50
		36	0	20.63	20.57	20.51	21.50
		36	18	20.83	20.45	20.30	21.50
		36	39	20.83	20.54	20.38	21.50
		75	0	20.74	20.60	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.20	23.76	23.15	24.50
		1	50	23.46	23.64	23.35	24.50
		1	99	23.71	23.53	23.43	24.50
		50	0	22.76	22.64	22.37	23.50
		50	25	22.78	22.64	22.36	23.50
		50	50	22.80	22.66	22.47	23.50
		100	0	22.77	22.67	22.45	23.50
	16QAM	1	0	22.85	22.74	22.30	23.50
		1	50	22.99	22.63	22.50	23.50
		1	99	22.82	22.87	22.79	23.50
		50	0	21.74	21.61	21.32	22.50
		50	25	21.78	21.63	21.43	22.50
		50	50	21.83	21.47	21.28	22.50
		100	0	21.77	21.60	21.37	22.50
	64QAM	1	0	21.78	21.67	21.13	22.50
		1	50	21.67	21.77	21.46	22.50
		1	99	21.69	21.71	21.76	22.50
		50	0	20.73	20.57	20.47	21.50
		50	25	20.78	20.52	20.26	21.50
		50	50	20.82	20.62	20.43	21.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 233 of 960

		100	0	20.77	20.51	20.42	21.50

LTE Band 66 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.37	21.07	20.81	22.00
		1	2	21.26	21.22	20.81	22.00
		1	5	21.21	21.23	21.18	22.00
		3	0	21.20	21.18	21.09	22.00
		3	1	21.18	21.16	20.91	22.00
		3	3	21.37	21.18	21.05	22.00
		6	0	21.33	21.12	21.00	22.00
	16QAM	1	0	21.53	21.45	20.94	22.00
		1	2	21.22	21.45	21.05	22.00
		1	5	21.49	21.14	21.49	22.00
		3	0	21.24	21.13	21.02	22.00
		3	1	21.35	21.11	20.96	22.00
		3	3	21.40	21.08	20.99	22.00
		6	0	21.15	21.01	21.09	22.00
	64QAM	1	0	21.51	21.11	21.08	22.00
		1	2	21.26	21.00	20.85	22.00
		1	5	21.16	21.05	21.25	22.00
		3	0	20.67	20.66	20.61	22.00
		3	1	20.84	20.88	20.98	22.00
		3	3	20.91	20.61	20.65	22.00
		6	0	20.86	20.56	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.20	21.16	20.85	22.00
		1	7	21.19	21.08	20.80	22.00
		1	14	21.31	21.13	21.12	22.00
		8	0	21.30	21.27	21.06	22.00
		8	4	21.20	21.22	21.04	22.00
		8	7	21.23	21.26	21.13	22.00
		15	0	21.18	21.24	21.13	22.00
	16QAM	1	0	21.48	21.47	20.96	22.00
		1	7	21.23	21.43	21.13	22.00
		1	14	21.63	21.10	21.29	22.00
		8	0	21.11	21.19	20.97	22.00
		8	4	21.26	21.17	21.04	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 234 of 960

		8	7	21.32	21.23	21.04	22.00
		15	0	21.18	21.15	21.04	22.00
	64QAM	1	0	21.51	21.07	20.95	22.00
		1	7	21.32	20.99	20.75	22.00
		1	14	21.22	21.21	21.15	22.00
		8	0	20.76	20.73	20.25	21.50
		8	4	20.81	20.52	20.28	21.50
		8	7	20.93	20.58	20.38	21.50
		15	0	20.67	20.59	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.38	21.04	20.85	22.00
		1	13	21.34	21.10	20.83	22.00
		1	24	21.31	21.04	21.26	22.00
		12	0	21.31	21.18	21.05	22.00
		12	6	21.17	21.10	21.10	22.00
		12	13	21.40	21.09	21.04	22.00
		25	0	21.23	21.08	21.09	22.00
		25	0	21.23	21.08	21.09	22.00
	16QAM	1	0	21.49	21.48	21.01	22.00
		1	13	21.19	21.45	21.15	22.00
		1	24	21.62	21.12	21.46	22.00
		12	0	21.26	21.14	21.00	22.00
		12	6	21.37	21.08	21.06	22.00
		12	13	21.33	21.13	21.14	22.00
		25	0	21.15	21.02	21.07	22.00
		25	0	21.15	21.02	21.07	22.00
	64QAM	1	0	21.41	21.07	21.10	22.00
		1	13	21.34	20.98	20.67	22.00
		1	24	21.23	21.08	21.13	22.00
		12	0	20.65	20.59	20.26	21.50
		12	6	20.86	20.54	20.32	21.50
		12	13	20.85	20.66	20.38	21.50
		25	0	20.75	20.54	20.45	21.50
		25	0	20.75	20.54	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.34	21.02	20.95	22.00
		1	25	21.22	21.09	20.75	22.00
		1	49	21.19	21.04	21.18	22.00
		25	0	21.35	21.08	20.91	22.00
		25	13	21.29	21.25	20.98	22.00
		25	25	21.39	21.18	21.05	22.00
		50	0	21.25	21.06	20.99	22.00
		50	0	21.25	21.06	20.99	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 235 of 960

		1	0	21.46	21.52	21.05	22.00
		1	25	21.13	21.48	21.03	22.00
		1	49	21.49	21.16	21.36	22.00
	16QAM	25	0	21.20	21.09	20.91	22.00
		25	13	21.26	21.16	21.02	22.00
		25	25	21.43	21.20	21.13	22.00
		50	0	21.28	21.12	21.11	22.00
		1	0	21.49	21.06	20.96	22.00
		1	25	21.25	21.16	20.77	22.00
		1	49	21.11	21.24	21.16	22.00
	64QAM	25	0	20.78	20.70	20.29	21.50
		25	13	20.84	20.59	20.44	21.50
		25	25	20.90	20.67	20.40	21.50
		50	0	20.77	20.55	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
		1	0	21.35	21.07	20.86	22.00
		1	38	21.36	21.14	20.75	22.00
		1	74	21.20	21.23	21.21	22.00
	QPSK	36	0	21.33	21.27	21.09	22.00
		36	18	21.25	21.07	21.02	22.00
		36	39	21.37	21.26	21.08	22.00
		75	0	21.16	21.06	20.96	22.00
		1	0	21.42	21.39	21.04	22.00
		1	38	21.15	21.44	21.06	22.00
		1	74	21.60	21.14	21.40	22.00
	16QAM	36	0	21.26	21.20	20.97	22.00
		36	18	21.30	21.12	20.93	22.00
		36	39	21.36	21.07	21.01	22.00
		75	0	21.33	21.08	21.00	22.00
		1	0	21.47	20.95	20.94	22.00
		1	38	21.35	21.10	20.72	22.00
		1	74	21.14	21.12	21.24	22.00
	64QAM	36	0	20.79	20.58	20.25	21.50
		36	18	20.69	20.55	20.33	21.50
		36	39	20.81	20.58	20.51	21.50
		75	0	20.85	20.49	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
		1	0	21.30	21.11	20.87	22.00
20MHz	QPSK	1	50	21.29	21.13	20.74	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 236 of 960

		1	99	21.28	21.13	21.17	22.00
		50	0	21.25	21.17	21.00	22.00
		50	25	21.20	21.15	21.00	22.00
		50	50	21.33	21.18	21.12	22.00
		100	0	21.26	21.15	21.03	22.00
	16QAM	1	0	21.47	21.42	20.99	22.00
		1	50	21.20	21.43	21.12	22.00
		1	99	21.53	21.09	21.39	22.00
		50	0	21.21	21.17	20.98	22.00
		50	25	21.28	21.13	21.00	22.00
		50	50	21.34	21.15	21.09	22.00
		100	0	21.24	21.10	21.03	22.00
	64QAM	1	0	21.47	21.01	21.00	22.00
		1	50	21.30	21.06	20.76	22.00
		1	99	21.13	21.14	21.15	22.00
		50	0	20.73	20.63	20.35	21.50
		50	25	20.78	20.61	20.38	21.50
		50	50	20.83	20.61	20.44	21.50
		100	0	20.77	20.55	20.46	21.50

LTE Band 38 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.62	23.50	23.48	24.70
		1	13	23.63	23.64	23.61	24.70
		1	24	23.67	23.58	23.38	24.70
		12	0	22.74	22.49	22.64	23.70
		12	6	22.55	22.58	22.64	23.70
		12	13	22.59	22.49	22.49	23.70
		25	0	22.65	22.48	22.62	23.70
	16QAM	1	0	22.81	22.81	22.86	23.70
		1	13	22.82	22.84	22.77	23.70
		1	24	22.69	22.67	22.79	23.70
		12	0	21.69	21.68	21.54	22.70
		12	6	21.56	21.60	21.58	22.70
		12	13	21.70	21.65	21.55	22.70
		25	0	21.53	21.59	21.57	22.70
	64QAM	1	0	21.57	21.57	21.58	22.70
		1	13	21.60	21.53	21.60	22.70
		1	24	21.51	21.45	21.40	22.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 237 of 960

		12	0	20.70	20.50	20.64	21.70
		12	6	20.63	20.57	20.49	21.70
		12	13	20.67	20.59	20.55	21.70
		25	0	20.56	20.48	20.63	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.49	23.62	23.57	24.70
		1	25	23.57	23.55	23.44	24.70
		1	49	23.57	23.52	23.37	24.70
		25	0	22.66	22.59	22.51	23.70
		25	13	22.51	22.50	22.53	23.70
		25	25	22.55	22.49	22.55	23.70
		50	0	22.53	22.47	22.61	23.70
	16QAM	1	0	22.78	22.77	22.67	23.70
		1	25	22.77	22.72	22.66	23.70
		1	49	22.80	22.78	22.67	23.70
		25	0	21.64	21.52	21.59	22.70
		25	13	21.56	21.55	21.44	22.70
		25	25	21.58	21.64	21.52	22.70
		50	0	21.57	21.50	21.62	22.70
	64QAM	1	0	21.68	21.58	21.45	22.70
		1	25	21.56	21.52	21.50	22.70
		1	49	21.61	21.46	21.46	22.70
		25	0	20.56	20.62	20.58	21.70
		25	13	20.51	20.67	20.51	21.70
		25	25	20.50	20.58	20.63	21.70
		50	0	20.65	20.58	20.56	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.61	23.59	23.50	24.70
		1	38	23.68	23.52	23.45	24.70
		1	74	23.51	23.40	23.40	24.70
		36	0	22.66	22.50	22.68	23.70
		36	18	22.68	22.50	22.60	23.70
		36	39	22.58	22.53	22.52	23.70
		75	0	22.62	22.55	22.47	23.70
	16QAM	1	0	22.89	22.74	22.81	23.70
		1	38	22.76	22.68	22.66	23.70
		1	74	22.68	22.77	22.72	23.70
		36	0	21.75	21.50	21.52	22.70
		36	18	21.55	21.60	21.60	22.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 238 of 960

		36	39	21.65	21.63	21.65	22.70
		75	0	21.57	21.70	21.51	22.70
	64QAM	1	0	21.65	21.52	21.55	22.70
		1	38	21.48	21.47	21.44	22.70
		1	74	21.63	21.45	21.55	22.70
		36	0	20.62	20.68	20.59	21.70
		36	18	20.68	20.55	20.67	21.70
		36	39	20.52	20.51	20.47	21.70
		75	0	20.59	20.56	20.61	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.52	23.58	23.56	24.70
		1	50	23.63	23.58	23.54	24.70
		1	99	23.60	23.48	23.47	24.70
		50	0	22.64	22.57	22.59	23.70
		50	25	22.60	22.60	22.56	23.70
		50	50	22.58	22.55	22.54	23.70
		100	0	22.61	22.56	22.57	23.70
	16QAM	1	0	22.83	22.81	22.76	23.70
		1	50	22.79	22.78	22.76	23.70
		1	99	22.76	22.72	22.70	23.70
		50	0	21.65	21.58	21.56	22.70
		50	25	21.60	21.56	21.52	22.70
		50	50	21.60	21.58	21.55	22.70
		100	0	21.63	21.60	21.61	22.70
	64QAM	1	0	21.60	21.56	21.53	22.70
		1	50	21.58	21.52	21.54	22.70
		1	99	21.53	21.46	21.46	22.70
		50	0	20.62	20.58	20.59	21.70
		50	25	20.58	20.60	20.58	21.70
		50	50	20.57	20.55	20.54	21.70
		100	0	20.61	20.58	20.59	21.70

LTE Band 41 2496 - 2690 DS12/3/4/5/8/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.59	24.36	24.02	23.54	24.29	24.70
		1	13	24.23	24.34	24.17	24.19	24.38	24.70
		1	24	24.18	24.39	24.04	24.16	24.23	24.70
		12	0	23.29	23.46	23.25	23.38	23.53	23.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 239 of 960

		12	6	23.26	23.36	23.28	23.28	23.25	23.70
		12	13	23.19	23.4	23.21	23.32	23.44	23.70
		25	0	23.29	23.47	23.14	23.26	23.41	23.70
	16QAM	1	0	23.36	23.63	23.27	23.39	23.48	23.70
		1	13	23.12	23.44	23.19	23.29	23.25	23.70
		1	24	23.34	23.6	23.15	23.26	23.43	23.70
		12	0	22.29	22.39	22.23	22.34	22.52	22.70
		12	6	22.42	22.42	22.17	22.21	22.46	22.70
		12	13	22.38	22.48	22.22	22.26	22.57	22.70
		25	0	22.26	22.39	22.27	22.38	22.32	22.70
		25	0	22.09	22.33	22.06	22.16	22.25	22.70
	64QAM	1	13	22.23	22.34	22.04	22.13	22.44	22.70
		1	24	22.13	22.33	22.08	22.16	22.24	22.70
		12	0	21.18	21.27	21.28	21.23	21.45	21.70
		12	6	21.28	21.38	21.23	21.36	21.35	21.70
		12	13	21.17	21.48	21.12	21.24	21.53	21.70
		25	0	21.32	21.47	21.21	21.16	21.37	21.70
		25	0	21.32	21.47	21.21	21.16	21.37	21.70
		25	0	21.32	21.47	21.21	21.16	21.37	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.63	24.22	24.1	23.51	24.24	24.70
		1	25	24.18	24.43	24.04	24.2	24.43	24.70
		1	49	24.2	24.29	24.14	24.12	24.4	24.70
		25	0	23.3	23.47	23.2	23.2	23.45	23.70
		25	13	23.39	23.39	23.16	23.22	23.39	23.70
		25	25	23.29	23.34	23.2	23.31	23.52	23.70
		50	0	23.21	23.43	23.16	23.14	23.33	23.70
		50	0	23.21	23.43	23.16	23.14	23.33	23.70
	16QAM	1	0	23.5	23.45	23.31	23.37	23.46	23.70
		1	25	23.12	23.47	23.18	23.37	23.23	23.70
		1	49	23.14	23.54	23.19	23.21	23.49	23.70
		25	0	22.33	22.47	22.17	22.35	22.34	22.70
		25	13	22.37	22.44	22.15	22.35	22.46	22.70
		25	25	22.35	22.49	22.12	22.31	22.42	22.70
		50	0	22.34	22.47	22.13	22.3	22.29	22.70
		50	0	22.34	22.47	22.13	22.3	22.29	22.70
	64QAM	1	0	22.14	22.36	22.05	22.03	22.3	22.70
		1	25	22.25	22.41	22.1	22.28	22.34	22.70
		1	49	22.08	22.2	22.11	22.18	22.3	22.70
		25	0	21.18	21.39	21.3	21.22	21.5	21.70
		25	13	21.38	21.48	21.14	21.23	21.3	21.70
		25	25	21.36	21.35	21.25	21.26	21.48	21.70
		50	0	21.21	21.37	21.22	21.15	21.37	21.70
		50	0	21.21	21.37	21.22	21.15	21.37	21.70
Bandwidth	Modulation	RB size		Channel	Channel	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 240 of 960

			RB offset	39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.58	24.3	24.15	23.55	24.27	24.70
		1	38	24.28	24.36	24.1	24.11	24.38	24.70
		1	74	24.09	24.33	24.13	24.17	24.25	24.70
		36	0	23.34	23.29	23.17	23.28	23.44	23.70
		36	18	23.3	23.31	23.3	23.17	23.31	23.70
		36	39	23.33	23.31	23.24	23.32	23.35	23.70
		75	0	23.35	23.48	23.26	23.32	23.36	23.70
	16QAM	1	0	23.43	23.61	23.3	23.39	23.41	23.70
		1	38	23.2	23.34	23.06	23.27	23.21	23.70
		1	74	23.19	23.54	23.12	23.13	23.53	23.70
		36	0	22.23	22.32	22.19	22.37	22.35	22.70
		36	18	22.41	22.46	22.16	22.29	22.39	22.70
		36	39	22.38	22.34	22.31	22.42	22.49	22.70
		75	0	22.33	22.45	22.21	22.38	22.41	22.70
	64QAM	1	0	22.24	22.4	22.18	22.11	22.34	22.70
		1	38	22.18	22.34	22	22.12	22.42	22.70
		1	74	22.1	22.22	22.15	22.22	22.26	22.70
		36	0	21.38	21.42	21.24	21.22	21.44	21.70
		36	18	21.24	21.43	21.19	21.22	21.39	21.70
		36	39	21.31	21.38	21.18	21.29	21.37	21.70
		75	0	21.27	21.3	21.23	21.26	21.47	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.64	24.3	24.12	23.61	24.26	24.70
		1	50	24.21	24.37	24.09	24.14	24.35	24.70
		1	99	24.18	24.31	24.04	24.19	24.32	24.70
		50	0	23.27	23.37	23.19	23.3	23.44	23.70
		50	25	23.3	23.39	23.2	23.23	23.34	23.70
		50	50	23.29	23.41	23.19	23.31	23.42	23.70
		100	0	23.29	23.39	23.17	23.22	23.35	23.70
	16QAM	1	0	23.4	23.53	23.33	23.42	23.46	23.70
		1	50	23.21	23.37	23.15	23.27	23.31	23.70
		1	99	23.24	23.52	23.19	23.23	23.53	23.70
		50	0	22.31	22.41	22.26	22.29	22.44	22.70
		50	25	22.34	22.43	22.23	22.31	22.36	22.70
		50	50	22.32	22.44	22.22	22.34	22.51	22.70
		100	0	22.32	22.42	22.2	22.37	22.35	22.70
	64QAM	1	0	22.16	22.32	22.12	22.11	22.26	22.70
		1	50	22.22	22.35	22.1	22.19	22.36	22.70
		1	99	22.18	22.3	22.07	22.25	22.31	22.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 241 of 960

		50	0	21.28	21.37	21.22	21.22	21.42	21.70
		50	25	21.3	21.41	21.19	21.27	21.39	21.70
		50	50	21.27	21.41	21.2	21.21	21.43	21.70
		100	0	21.29	21.38	21.2	21.23	21.44	21.70



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4 Conducted Power of ENDC_LTE NSA

4.1 Conducted Power of LTE (Ant11)

LTE Band 4 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.60	20.57	20.65	21.20
		1	2	20.59	20.60	20.70	21.20
		1	5	20.73	20.66	20.64	21.20
		3	0	20.72	20.59	20.71	21.20
		3	2	20.67	20.71	20.69	21.20
		3	3	20.68	20.64	20.72	21.20
		6	0	20.59	20.59	20.66	21.20
	16QAM	1	0	20.77	20.65	20.76	21.20
		1	2	20.68	20.69	20.64	21.20
		1	5	20.69	20.66	20.74	21.20
		3	0	20.62	20.70	20.77	21.20
		3	2	20.62	20.59	20.75	21.20
		3	3	20.64	20.62	20.67	21.20
		6	0	20.70	20.57	20.67	21.20
	64QAM	1	0	20.70	20.65	20.63	21.20
		1	2	20.67	20.74	20.67	21.20
		1	5	20.67	20.60	20.68	21.20
		3	0	20.74	20.59	20.63	21.20
		3	2	20.77	20.65	20.73	21.20
		3	3	20.76	20.69	20.76	21.20
		6	0	20.65	20.69	20.69	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.70	20.73	20.76	21.20
		1	7	20.76	20.62	20.72	21.20
		1	14	20.69	20.60	20.66	21.20
		8	0	20.77	20.63	20.67	21.20
		8	4	20.62	20.57	20.72	21.20
		8	7	20.72	20.74	20.71	21.20
		15	0	20.65	20.75	20.72	21.20
	16QAM	1	0	20.68	20.68	20.67	21.20
		1	7	20.71	20.66	20.73	21.20
		1	14	20.69	20.57	20.79	21.20
		8	0	20.74	20.68	20.70	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 243 of 960

		8	4	20.71	20.70	20.74	21.20
		8	7	20.73	20.58	20.79	21.20
		15	0	20.73	20.64	20.73	21.20
	64QAM	1	0	20.60	20.70	20.75	21.20
		1	7	20.73	20.71	20.63	21.20
		1	14	20.76	20.75	20.73	21.20
		8	0	20.71	20.62	20.80	21.20
		8	4	20.67	20.72	20.65	21.20
		8	7	20.76	20.70	20.71	21.20
		15	0	20.62	20.70	20.72	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.74	20.64	20.66	21.20
		1	13	20.74	20.69	20.66	21.20
		1	24	20.65	20.58	20.69	21.20
		12	0	20.69	20.73	20.75	21.20
		12	6	20.59	20.58	20.63	21.20
		12	13	20.62	20.72	20.65	21.20
		25	0	20.67	20.70	20.79	21.20
	16QAM	1	0	20.77	20.66	20.71	21.20
		1	13	20.59	20.58	20.70	21.20
		1	24	20.71	20.66	20.70	21.20
		12	0	20.65	20.63	20.75	21.20
		12	6	20.77	20.70	20.78	21.20
		12	13	20.66	20.59	20.67	21.20
		25	0	20.75	20.67	20.74	21.20
	64QAM	1	0	20.59	20.67	20.80	21.20
		1	13	20.65	20.62	20.69	21.20
		1	24	20.68	20.69	20.64	21.20
		12	0	20.74	20.60	20.80	21.20
		12	6	20.76	20.64	20.62	21.20
		12	13	20.75	20.68	20.79	21.20
		25	0	20.59	20.66	20.64	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.66	20.71	20.70	21.20
		1	25	20.64	20.60	20.62	21.20
		1	49	20.63	20.64	20.75	21.20
		25	0	20.74	20.57	20.66	21.20
		25	13	20.71	20.57	20.67	21.20
		25	25	20.74	20.58	20.62	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 244 of 960

		50	0	20.60	20.69	20.78	21.20
	16QAM	1	0	20.60	20.67	20.71	21.20
		1	25	20.66	20.64	20.77	21.20
		1	49	20.67	20.68	20.73	21.20
		25	0	20.63	20.62	20.73	21.20
		25	13	20.65	20.71	20.72	21.20
		25	25	20.74	20.75	20.65	21.20
		50	0	20.59	20.73	20.75	21.20
	64QAM	1	0	20.60	20.58	20.69	21.20
		1	25	20.60	20.66	20.80	21.20
		1	49	20.71	20.75	20.73	21.20
		25	0	20.76	20.69	20.77	21.20
		25	13	20.63	20.74	20.68	21.20
		25	25	20.75	20.60	20.78	21.20
		50	0	20.65	20.62	20.65	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.67	20.57	20.63	21.20
		1	38	20.67	20.57	20.73	21.20
		1	74	20.68	20.59	20.76	21.20
		36	0	20.68	20.67	20.64	21.20
		36	18	20.69	20.75	20.63	21.20
		36	39	20.77	20.64	20.63	21.20
		75	0	20.63	20.59	20.70	21.20
	16QAM	1	0	20.69	20.74	20.69	21.20
		1	38	20.60	20.74	20.62	21.20
		1	74	20.70	20.62	20.70	21.20
		36	0	20.63	20.75	20.65	21.20
		36	18	20.64	20.65	20.62	21.20
		36	39	20.60	20.65	20.63	21.20
		75	0	20.70	20.74	20.68	21.20
	64QAM	1	0	20.61	20.59	20.66	21.20
		1	38	20.73	20.59	20.74	21.20
		1	74	20.62	20.66	20.70	21.20
		36	0	20.74	20.68	20.67	21.20
		36	18	20.74	20.69	20.68	21.20
		36	39	20.69	20.68	20.63	21.20
		75	0	20.59	20.72	20.66	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.70	20.72	20.74	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 245 of 960

		1	50	20.66	20.66	20.68	21.20
		1	99	20.66	20.72	20.76	21.20
		50	0	20.72	20.61	20.51	21.20
		50	25	20.71	20.66	20.63	21.20
		50	50	20.66	20.68	20.75	21.20
		100	0	20.69	20.70	20.72	21.20
	16QAM	1	0	20.64	20.58	20.71	21.20
		1	50	20.70	20.71	20.75	21.20
		1	99	20.59	20.65	20.77	21.20
		50	0	20.62	20.59	20.64	21.20
		50	25	20.76	20.66	20.78	21.20
		50	50	20.59	20.65	20.73	21.20
		100	0	20.76	20.60	20.67	21.20
	64QAM	1	0	20.76	20.61	20.78	21.20
		1	50	20.63	20.73	20.69	21.20
		1	99	20.77	20.65	20.79	21.20
		50	0	20.72	20.71	20.77	21.20
		50	25	20.69	20.72	20.79	21.20
		50	50	20.68	20.59	20.76	21.20
		100	0	20.67	20.73	20.72	21.20

LTE Band 4 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.56	18.53	18.63	19.20
		1	2	18.52	18.53	18.68	19.20
		1	5	18.65	18.60	18.59	19.20
		3	0	18.66	18.50	18.68	19.20
		3	2	18.64	18.64	18.62	19.20
		3	3	18.59	18.63	18.67	19.20
		6	0	18.53	18.52	18.62	19.20
	16QAM	1	0	18.70	18.61	18.72	19.20
		1	2	18.61	18.64	18.56	19.20
		1	5	18.60	18.58	18.66	19.20
		3	0	18.56	18.64	18.72	19.20
		3	2	18.57	18.51	18.74	19.20
		3	3	18.57	18.60	18.58	19.20
		6	0	18.62	18.52	18.59	19.20
	64QAM	1	0	18.62	18.62	18.61	19.20
		1	2	18.58	18.65	18.66	19.20



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Report No.: SZCR250100007807

Page: 248 of 960

	16QAM	75	0	18.68	18.55	18.69	19.20
		1	0	18.64	18.76	18.72	19.20
		1	38	18.49	18.82	18.63	19.20
		1	74	18.59	18.58	18.75	19.20
		36	0	18.49	18.79	18.67	19.20
		36	18	18.53	18.54	18.58	19.20
		36	39	18.68	18.50	18.53	19.20
		75	0	18.57	18.62	18.62	19.20
	64QAM	1	0	18.52	18.49	18.65	19.20
		1	38	18.76	18.60	18.78	19.20
		1	74	18.52	18.52	18.64	19.20
		36	0	18.59	18.62	18.63	19.20
		36	18	18.60	18.69	18.56	19.20
		36	39	18.64	18.55	18.52	19.20
		75	0	18.49	18.73	18.65	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.67	18.75	18.67	19.20
		1	50	18.56	18.62	18.60	19.20
		1	99	18.61	18.67	18.76	19.20
		50	0	18.60	18.51	18.42	19.20
		50	25	18.67	18.68	18.61	19.20
		50	50	18.60	18.51	18.76	19.20
		100	0	18.70	18.61	18.74	19.20
	16QAM	1	0	18.58	18.64	18.61	19.20
		1	50	18.73	18.72	18.57	19.20
		1	99	18.57	18.56	18.66	19.20
		50	0	18.50	18.50	18.66	19.20
		50	25	18.74	18.66	18.72	19.20
		50	50	18.50	18.64	18.69	19.20
		100	0	18.61	18.62	18.68	19.20
	64QAM	1	0	18.84	18.69	18.71	19.20
		1	50	18.64	18.70	18.56	19.20
		1	99	18.74	18.65	18.75	19.20
		50	0	18.70	18.60	18.69	19.20
		50	25	18.69	18.76	18.82	19.20
		50	50	18.72	18.52	18.77	19.20
		100	0	18.72	18.62	18.59	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 249 of 960

LTE Band 4 DS13/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.54	17.50	17.57	18.20
		1	2	17.50	17.58	17.63	18.20
		1	5	17.69	17.64	17.55	18.20
		3	0	17.67	17.58	17.62	18.20
		3	2	17.58	17.64	17.67	18.20
		3	3	17.63	17.61	17.66	18.20
		6	0	17.54	17.58	17.60	18.20
	16QAM	1	0	17.72	17.61	17.67	18.20
		1	2	17.66	17.66	17.62	18.20
		1	5	17.62	17.61	17.70	18.20
		3	0	17.60	17.65	17.71	18.20
		3	2	17.53	17.53	17.69	18.20
		3	3	17.61	17.61	17.62	18.20
		6	0	17.61	17.54	17.62	18.20
	64QAM	1	0	17.67	17.60	17.58	18.20
		1	2	17.58	17.67	17.65	18.20
		1	5	17.64	17.56	17.63	18.20
		3	0	17.65	17.51	17.55	18.20
		3	2	17.71	17.64	17.71	18.20
		3	3	17.68	17.63	17.72	18.20
		6	0	17.60	17.60	17.62	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.61	17.65	17.74	18.20
		1	7	17.74	17.58	17.68	18.20
		1	14	17.64	17.58	17.64	18.20
		8	0	17.68	17.56	17.59	18.20
		8	4	17.54	17.49	17.67	18.20
		8	7	17.66	17.69	17.64	18.20
		15	0	17.64	17.71	17.71	18.20
	16QAM	1	0	17.66	17.61	17.62	18.20
		1	7	17.70	17.62	17.69	18.20
		1	14	17.66	17.55	17.76	18.20
		8	0	17.67	17.65	17.69	18.20
		8	4	17.68	17.67	17.72	18.20
		8	7	17.65	17.51	17.73	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 251 of 960

		1	25	17.59	17.62	17.76	18.20
		1	49	17.63	17.62	17.72	18.20
		25	0	17.57	17.59	17.67	18.20
		25	13	17.63	17.67	17.63	18.20
		25	25	17.65	17.71	17.64	18.20
		50	0	17.53	17.70	17.67	18.20
	64QAM	1	0	17.55	17.49	17.62	18.20
		1	25	17.58	17.63	17.77	18.20
		1	49	17.62	17.74	17.70	18.20
		25	0	17.75	17.64	17.75	18.20
		25	13	17.62	17.73	17.59	18.20
		25	25	17.72	17.59	17.77	18.20
		50	0	17.61	17.53	17.62	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.61	17.52	17.57	18.20
		1	38	17.60	17.51	17.66	18.20
		1	74	17.60	17.55	17.68	18.20
		36	0	17.60	17.65	17.56	18.20
		36	18	17.62	17.66	17.58	18.20
		36	39	17.71	17.56	17.54	18.20
		75	0	17.62	17.55	17.63	18.20
	16QAM	1	0	17.64	17.72	17.60	18.20
		1	38	17.58	17.65	17.56	18.20
		1	74	17.61	17.54	17.65	18.20
		36	0	17.57	17.66	17.56	18.20
		36	18	17.58	17.61	17.54	18.20
		36	39	17.51	17.58	17.62	18.20
		75	0	17.67	17.68	17.66	18.20
	64QAM	1	0	17.53	17.52	17.63	18.20
		1	38	17.64	17.57	17.70	18.20
		1	74	17.55	17.57	17.69	18.20
		36	0	17.66	17.59	17.61	18.20
		36	18	17.69	17.64	17.66	18.20
		36	39	17.60	17.61	17.58	18.20
		75	0	17.55	17.63	17.61	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.63	17.70	17.72	18.20
		1	50	17.62	17.62	17.62	18.20
		1	99	17.63	17.66	17.68	18.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 252 of 960

		50	0	17.71	17.53	17.48	18.20
		50	25	17.62	17.59	17.62	18.20
		50	50	17.63	17.61	17.69	18.20
		100	0	17.65	17.69	17.67	18.20
	16QAM	1	0	17.55	17.50	17.63	18.20
		1	50	17.69	17.65	17.71	18.20
		1	99	17.56	17.60	17.73	18.20
		50	0	17.61	17.57	17.62	18.20
		50	25	17.72	17.61	17.71	18.20
		50	50	17.57	17.64	17.70	18.20
		100	0	17.67	17.54	17.66	18.20
	64QAM	1	0	17.69	17.54	17.77	18.20
		1	50	17.54	17.68	17.66	18.20
		1	99	17.75	17.58	17.76	18.20
		50	0	17.70	17.66	17.73	18.20
		50	25	17.67	17.67	17.74	18.20
		50	50	17.64	17.55	17.74	18.20
		100	0	17.58	17.68	17.69	18.20

LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.56	15.53	15.61	16.20
		1	2	15.52	15.51	15.62	16.20
		1	5	15.70	15.58	15.56	16.20
		3	0	15.65	15.54	15.70	16.20
		3	2	15.64	15.66	15.67	16.20
		3	3	15.64	15.63	15.63	16.20
		6	0	15.56	15.57	15.63	16.20
	16QAM	1	0	15.70	15.62	15.75	16.20
		1	2	15.60	15.67	15.59	16.20
		1	5	15.63	15.62	15.70	16.20
		3	0	15.60	15.69	15.74	16.20
		3	2	15.53	15.56	15.68	16.20
		3	3	15.59	15.56	15.58	16.20
		6	0	15.66	15.52	15.66	16.20
	64QAM	1	0	15.69	15.60	15.56	16.20
		1	2	15.63	15.69	15.64	16.20
		1	5	15.64	15.53	15.61	16.20
		3	0	15.66	15.51	15.58	16.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 253 of 960

		3	2	15.72	15.59	15.67	16.20
		3	3	15.69	15.68	15.75	16.20
		6	0	15.62	15.66	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.69	15.71	15.75	16.20
		1	7	15.73	15.61	15.63	16.20
		1	14	15.67	15.55	15.61	16.20
		8	0	15.68	15.56	15.59	16.20
		8	4	15.59	15.50	15.67	16.20
		8	7	15.67	15.68	15.66	16.20
		15	0	15.57	15.70	15.64	16.20
	16QAM	1	0	15.59	15.63	15.58	16.20
		1	7	15.65	15.63	15.66	16.20
		1	14	15.63	15.54	15.71	16.20
		8	0	15.68	15.63	15.64	16.20
		8	4	15.66	15.62	15.73	16.20
		8	7	15.66	15.57	15.72	16.20
		15	0	15.70	15.59	15.72	16.20
	64QAM	1	0	15.57	15.68	15.67	16.20
		1	7	15.72	15.63	15.57	16.20
		1	14	15.69	15.72	15.72	16.20
		8	0	15.63	15.58	15.75	16.20
		8	4	15.59	15.64	15.59	16.20
		8	7	15.75	15.61	15.62	16.20
		15	0	15.58	15.69	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.68	15.59	15.59	16.20
		1	13	15.69	15.60	15.58	16.20
		1	24	15.57	15.54	15.63	16.20
		12	0	15.65	15.64	15.67	16.20
		12	6	15.56	15.56	15.58	16.20
		12	13	15.59	15.65	15.63	16.20
		25	0	15.59	15.66	15.75	16.20
	16QAM	1	0	15.68	15.65	15.67	16.20
		1	13	15.51	15.49	15.69	16.20
		1	24	15.66	15.63	15.68	16.20
		12	0	15.56	15.55	15.69	16.20
		12	6	15.74	15.61	15.73	16.20
12		13	15.58	15.55	15.60	16.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 255 of 960

		1	38	15.54	15.66	15.53	16.20	
		1	74	15.68	15.57	15.67	16.20	
		36	0	15.61	15.71	15.57	16.20	
		36	18	15.56	15.62	15.60	16.20	
		36	39	15.57	15.58	15.54	16.20	
		75	0	15.65	15.68	15.61	16.20	
		64QAM	1	0	15.58	15.52	15.60	16.20
			1	38	15.69	15.58	15.69	16.20
			1	74	15.60	15.58	15.62	16.20
			36	0	15.71	15.59	15.65	16.20
			36	18	15.70	15.65	15.63	16.20
			36	39	15.61	15.64	15.58	16.20
	75	0	15.50	15.65	15.57	16.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	15.67	15.69	15.68	16.20	
		1	50	15.58	15.62	15.59	16.20	
		1	99	15.60	15.65	15.68	16.20	
		50	0	15.70	15.56	15.44	16.20	
		50	25	15.69	15.59	15.62	16.20	
		50	50	15.60	15.67	15.68	16.20	
		100	0	15.61	15.64	15.66	16.20	
		16QAM	1	0	15.63	15.52	15.66	16.20
	1		50	15.66	15.69	15.67	16.20	
	1		99	15.58	15.64	15.73	16.20	
	50		0	15.56	15.57	15.62	16.20	
	50		25	15.75	15.65	15.72	16.20	
	50		50	15.56	15.57	15.65	16.20	
	100		0	15.69	15.52	15.64	16.20	
	64QAM		1	0	15.69	15.52	15.71	16.20
		1	50	15.57	15.69	15.64	16.20	
		1	99	15.72	15.64	15.76	16.20	
		50	0	15.66	15.67	15.68	16.20	
		50	25	15.62	15.70	15.71	16.20	
		50	50	15.62	15.57	15.73	16.20	
		100	0	15.59	15.69	15.71	16.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 256 of 960

LTE Band 7 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.08	20.18	20.36	21.20
		1	13	20.18	20.16	20.40	21.20
		1	24	20.18	20.27	20.22	21.20
		12	0	20.06	20.12	20.32	21.20
		12	6	20.19	20.15	20.36	21.20
		12	13	20.22	20.28	20.22	21.20
		25	0	20.08	20.16	20.32	21.20
	16QAM	1	0	20.21	20.12	20.38	21.20
		1	13	20.19	20.24	20.22	21.20
		1	24	20.14	20.18	20.38	21.20
		12	0	20.17	20.14	20.44	21.20
		12	6	20.17	20.26	20.30	21.20
		12	13	20.07	20.19	20.36	21.20
		25	0	20.22	20.15	20.36	21.20
	64QAM	1	0	20.21	20.25	20.23	21.20
		1	13	20.07	20.16	20.38	21.20
		1	24	20.24	20.17	20.38	21.20
		12	0	20.20	20.31	20.26	21.20
		12	6	20.11	20.14	20.33	21.20
		12	13	20.23	20.12	20.42	21.20
		25	0	20.22	20.23	20.27	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.08	20.17	20.40	21.20
		1	25	20.17	20.17	20.44	21.20
		1	49	20.17	20.28	20.27	21.20
		25	0	20.13	20.15	20.33	21.20
		25	13	20.16	20.16	20.39	21.20
		25	25	20.19	20.30	20.23	21.20
		50	0	20.13	20.18	20.40	21.20
	16QAM	1	0	20.21	20.15	20.42	21.20
		1	25	20.23	20.28	20.25	21.20
		1	49	20.11	20.18	20.37	21.20
		25	0	20.23	20.10	20.40	21.20
		25	13	20.17	20.31	20.29	21.20
		25	25	20.11	20.15	20.32	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 258 of 960

		1	50	20.17	20.24	20.26	21.20
		1	99	20.06	20.14	20.34	21.20
		50	0	20.19	20.11	20.41	21.20
		50	25	20.18	20.31	20.26	21.20
		50	50	20.07	20.14	20.32	21.20
		100	0	20.17	20.17	20.41	21.20
	64QAM	1	0	20.16	20.28	20.24	21.20
		1	50	20.07	20.13	20.33	21.20
		1	99	20.18	20.15	20.44	21.20
		50	0	20.19	20.28	20.24	21.20
		50	25	20.09	20.18	20.37	21.20
		50	50	20.24	20.16	20.43	21.20
		100	0	20.16	20.31	20.24	21.20

LTE Band 7 DSI2/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.56	15.65	15.78	16.70
		1	13	15.60	15.64	15.83	16.70
		1	24	15.67	15.68	15.64	16.70
		12	0	15.55	15.55	15.77	16.70
		12	6	15.64	15.58	15.79	16.70
		12	13	15.67	15.75	15.70	16.70
		25	0	15.53	15.63	15.78	16.70
	16QAM	1	0	15.69	15.58	15.85	16.70
		1	13	15.64	15.65	15.68	16.70
		1	24	15.61	15.62	15.83	16.70
		12	0	15.64	15.62	15.92	16.70
		12	6	15.59	15.67	15.73	16.70
		12	13	15.54	15.62	15.82	16.70
		25	0	15.67	15.56	15.85	16.70
	64QAM	1	0	15.70	15.67	15.72	16.70
		1	13	15.53	15.60	15.86	16.70
		1	24	15.71	15.64	15.82	16.70
		12	0	15.61	15.74	15.68	16.70
		12	6	15.60	15.62	15.81	16.70
		12	13	15.70	15.58	15.91	16.70
		25	0	15.67	15.64	15.68	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 259 of 960

10MHz	QPSK	1	0	15.53	15.62	15.84	16.70
		1	25	15.63	15.65	15.87	16.70
		1	49	15.65	15.70	15.70	16.70
		25	0	15.56	15.59	15.82	16.70
		25	13	15.58	15.62	15.81	16.70
		25	25	15.60	15.73	15.71	16.70
		50	0	15.62	15.60	15.85	16.70
	16QAM	1	0	15.64	15.60	15.89	16.70
		1	25	15.64	15.73	15.67	16.70
		1	49	15.52	15.67	15.85	16.70
		25	0	15.71	15.52	15.86	16.70
		25	13	15.66	15.78	15.75	16.70
		25	25	15.53	15.62	15.76	16.70
		50	0	15.65	15.60	15.85	16.70
	64QAM	1	0	15.62	15.75	15.66	16.70
		1	25	15.50	15.60	15.85	16.70
		1	49	15.64	15.54	15.83	16.70
		25	0	15.70	15.79	15.71	16.70
		25	13	15.52	15.56	15.78	16.70
		25	25	15.67	15.58	15.80	16.70
		50	0	15.64	15.70	15.72	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.56	15.58	15.85	16.70
		1	38	15.67	15.53	15.80	16.70
		1	74	15.64	15.70	15.73	16.70
		36	0	15.50	15.60	15.88	16.70
		36	18	15.71	15.64	15.86	16.70
		36	39	15.66	15.79	15.71	16.70
		75	0	15.49	15.66	15.81	16.70
	16QAM	1	0	15.62	15.57	15.83	16.70
		1	38	15.66	15.73	15.74	16.70
		1	74	15.52	15.64	15.82	16.70
		36	0	15.67	15.62	15.88	16.70
		36	18	15.70	15.66	15.71	16.70
		36	39	15.55	15.58	15.80	16.70
		75	0	15.64	15.53	15.90	16.70
	64QAM	1	0	15.65	15.73	15.71	16.70
		1	38	15.56	15.67	15.84	16.70
		1	74	15.64	15.64	15.87	16.70
		36	0	15.67	15.68	15.79	16.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 260 of 960

		36	18	15.61	15.68	15.73	16.70
		36	39	15.72	15.57	15.90	16.70
		75	0	15.67	15.76	15.73	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.52	15.57	15.77	16.70
		1	50	15.63	15.56	15.83	16.70
		1	99	15.61	15.68	15.76	16.70
		50	0	15.52	15.61	15.87	16.70
		50	25	15.67	15.61	15.84	16.70
		50	50	15.61	15.66	15.78	16.70
		100	0	15.54	15.61	15.79	16.70
	16QAM	1	0	15.70	15.55	15.80	16.70
		1	50	15.62	15.67	15.70	16.70
		1	99	15.49	15.63	15.75	16.70
		50	0	15.68	15.60	15.90	16.70
		50	25	15.60	15.78	15.68	16.70
		50	50	15.53	15.55	15.77	16.70
		100	0	15.58	15.62	15.90	16.70
	64QAM	1	0	15.60	15.76	15.66	16.70
		1	50	15.48	15.62	15.76	16.70
		1	99	15.59	15.60	15.90	16.70
		50	0	15.68	15.70	15.70	16.70
		50	25	15.52	15.67	15.83	16.70
		50	50	15.66	15.62	15.84	16.70
		100	0	15.65	15.78	15.68	16.70

LTE Band 7 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.51	14.62	14.84	15.70
		1	13	14.59	14.65	14.86	15.70
		1	24	14.59	14.75	14.70	15.70
		12	0	14.54	14.55	14.76	15.70
		12	6	14.61	14.56	14.78	15.70
		12	13	14.64	14.70	14.67	15.70
		25	0	14.54	14.65	14.79	15.70
	16QAM	1	0	14.67	14.59	14.85	15.70
		1	13	14.66	14.69	14.70	15.70
		1	24	14.63	14.66	14.80	15.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 261 of 960

		12	0	14.65	14.59	14.89	15.70	
		12	6	14.62	14.67	14.77	15.70	
		12	13	14.50	14.67	14.81	15.70	
		25	0	14.69	14.60	14.79	15.70	
	64QAM	1	0	14.70	14.69	14.72	15.70	
		1	13	14.50	14.65	14.83	15.70	
		1	24	14.67	14.64	14.87	15.70	
		12	0	14.63	14.77	14.69	15.70	
		12	6	14.60	14.56	14.77	15.70	
		12	13	14.72	14.53	14.88	15.70	
		25	0	14.66	14.67	14.72	15.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	14.56	14.65	14.87	15.70	
		1	25	14.58	14.64	14.85	15.70	
		1	49	14.59	14.75	14.68	15.70	
		25	0	14.60	14.61	14.77	15.70	
		25	13	14.64	14.62	14.84	15.70	
		25	25	14.66	14.77	14.69	15.70	
		50	0	14.54	14.62	14.82	15.70	
	16QAM	1	0	14.68	14.56	14.83	15.70	
		1	25	14.64	14.72	14.73	15.70	
		1	49	14.55	14.64	14.86	15.70	
		25	0	14.71	14.57	14.82	15.70	
		25	13	14.58	14.80	14.76	15.70	
		25	25	14.52	14.62	14.81	15.70	
		50	0	14.71	14.62	14.93	15.70	
	64QAM	1	0	14.59	14.76	14.67	15.70	
		1	25	14.55	14.53	14.77	15.70	
		1	49	14.60	14.59	14.83	15.70	
		25	0	14.64	14.74	14.71	15.70	
		25	13	14.53	14.59	14.81	15.70	
		25	25	14.73	14.59	14.82	15.70	
		50	0	14.63	14.68	14.69	15.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	14.56	14.65	14.84	15.70
			1	38	14.71	14.54	14.86	15.70
			1	74	14.66	14.70	14.75	15.70
			36	0	14.51	14.58	14.85	15.70
36			18	14.72	14.60	14.89	15.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 262 of 960

		36	39	14.66	14.80	14.67	15.70
		75	0	14.49	14.67	14.77	15.70
	16QAM	1	0	14.64	14.55	14.83	15.70
		1	38	14.62	14.72	14.77	15.70
		1	74	14.53	14.65	14.78	15.70
		36	0	14.64	14.63	14.86	15.70
		36	18	14.66	14.70	14.73	15.70
		36	39	14.54	14.62	14.80	15.70
		75	0	14.66	14.55	14.84	15.70
		75	0	14.66	14.55	14.84	15.70
	64QAM	1	0	14.73	14.71	14.75	15.70
		1	38	14.56	14.65	14.85	15.70
		1	74	14.58	14.61	14.82	15.70
		36	0	14.73	14.67	14.73	15.70
		36	18	14.59	14.67	14.75	15.70
		36	39	14.66	14.53	14.84	15.70
		75	0	14.65	14.70	14.72	15.70
		75	0	14.65	14.70	14.72	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.55	14.54	14.81	15.70
		1	50	14.68	14.62	14.84	15.70
		1	99	14.61	14.70	14.68	15.70
		50	0	14.51	14.57	14.85	15.70
		50	25	14.71	14.66	14.83	15.70
		50	50	14.65	14.64	14.78	15.70
		100	0	14.54	14.64	14.86	15.70
	16QAM	1	0	14.64	14.57	14.86	15.70
		1	50	14.66	14.72	14.70	15.70
		1	99	14.54	14.63	14.78	15.70
		50	0	14.61	14.54	14.84	15.70
		50	25	14.62	14.76	14.73	15.70
		50	50	14.52	14.55	14.81	15.70
		100	0	14.62	14.62	14.89	15.70
	64QAM	1	0	14.57	14.69	14.72	15.70
		1	50	14.55	14.54	14.74	15.70
		1	99	14.66	14.56	14.92	15.70
		50	0	14.66	14.75	14.71	15.70
		50	25	14.57	14.62	14.86	15.70
		50	50	14.68	14.63	14.89	15.70
		100	0	14.65	14.77	14.72	15.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 263 of 960

LTE Band 7 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.02	13.14	13.27	14.20
		1	13	13.16	13.08	13.32	14.20
		1	24	13.14	13.18	13.16	14.20
		12	0	12.98	13.11	13.29	14.20
		12	6	13.11	13.07	13.32	14.20
		12	13	13.13	13.27	13.13	14.20
		25	0	13.05	13.14	13.28	14.20
	16QAM	1	0	13.18	13.04	13.33	14.20
		1	13	13.13	13.20	13.21	14.20
		1	24	13.11	13.09	13.29	14.20
		12	0	13.11	13.11	13.39	14.20
		12	6	13.14	13.21	13.25	14.20
		12	13	13.06	13.11	13.27	14.20
		25	0	13.20	13.12	13.32	14.20
	64QAM	1	0	13.16	13.23	13.19	14.20
		1	13	13.06	13.13	13.35	14.20
		1	24	13.15	13.16	13.29	14.20
		12	0	13.15	13.30	13.20	14.20
		12	6	13.08	13.10	13.30	14.20
		12	13	13.15	13.04	13.40	14.20
		25	0	13.14	13.21	13.23	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	13.05	13.14	13.33	14.20
		1	25	13.08	13.15	13.43	14.20
		1	49	13.14	13.24	13.20	14.20
		25	0	13.07	13.12	13.26	14.20
		25	13	13.15	13.07	13.37	14.20
		25	25	13.15	13.22	13.21	14.20
		50	0	13.06	13.13	13.33	14.20
	16QAM	1	0	13.16	13.11	13.41	14.20
		1	25	13.22	13.27	13.16	14.20
		1	49	13.07	13.17	13.34	14.20
		25	0	13.21	13.05	13.37	14.20
		25	13	13.08	13.30	13.25	14.20
		25	25	13.08	13.08	13.26	14.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 266 of 960

3MHz	QPSK	1	0	20.57	20.54	20.52	21.20
		1	7	20.61	20.61	20.41	21.20
		1	14	20.49	20.45	20.51	21.20
		8	0	20.61	20.54	20.50	21.20
		8	4	20.57	20.60	20.44	21.20
		8	7	20.47	20.42	20.58	21.20
		15	0	20.57	20.55	20.54	21.20
	16QAM	1	0	20.55	20.62	20.46	21.20
		1	7	20.52	20.47	20.57	21.20
		1	14	20.61	20.56	20.50	21.20
		8	0	20.54	20.57	20.45	21.20
		8	4	20.44	20.46	20.55	21.20
		8	7	20.56	20.54	20.48	21.20
		15	0	20.57	20.61	20.47	21.20
	64QAM	1	0	20.44	20.42	20.50	21.20
		1	7	20.58	20.59	20.48	21.20
		1	14	20.54	20.55	20.40	21.20
		8	0	20.46	20.42	20.52	21.20
		8	4	20.57	20.55	20.52	21.20
		8	7	20.56	20.55	20.46	21.20
		15	0	20.48	20.47	20.57	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.64	20.57	20.50	21.20
		1	13	20.53	20.59	20.41	21.20
		1	24	20.49	20.47	20.54	21.20
		12	0	20.62	20.59	20.52	21.20
		12	6	20.60	20.57	20.46	21.20
		12	13	20.46	20.46	20.52	21.20
		25	0	20.56	20.53	20.50	21.20
	16QAM	1	0	20.59	20.60	20.45	21.20
		1	13	20.46	20.48	20.54	21.20
		1	24	20.56	20.54	20.52	21.20
		12	0	20.59	20.60	20.41	21.20
		12	6	20.45	20.44	20.53	21.20
		12	13	20.62	20.58	20.49	21.20
		25	0	20.54	20.54	20.48	21.20
	64QAM	1	0	20.51	20.45	20.50	21.20
		1	13	20.60	20.58	20.46	21.20
		1	24	20.61	20.58	20.47	21.20
		12	0	20.50	20.40	20.52	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 268 of 960

		75	0	20.57	20.62	20.46	21.20
		1	0	20.52	20.48	20.53	21.20
		1	38	20.59	20.52	20.51	21.20
		1	74	20.57	20.61	20.46	21.20
		36	0	20.44	20.40	20.56	21.20
		36	18	20.57	20.54	20.49	21.20
		36	39	20.60	20.57	20.44	21.20
		75	0	20.44	20.43	20.52	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.62	20.60	20.46	21.20
		1	50	20.54	20.59	20.45	21.20
		1	99	20.47	20.42	20.54	21.20
		50	0	20.57	20.60	20.49	21.20
		50	25	20.61	20.62	20.42	21.20
		50	50	20.51	20.40	20.56	21.20
		100	0	20.57	20.57	20.48	21.20
	16QAM	1	0	20.60	20.57	20.45	21.20
		1	50	20.52	20.40	20.50	21.20
		1	99	20.62	20.54	20.48	21.20
		50	0	20.53	20.56	20.46	21.20
		50	25	20.49	20.44	20.56	21.20
		50	50	20.62	20.54	20.53	21.20
		100	0	20.54	20.56	20.45	21.20
	64QAM	1	0	20.50	20.45	20.57	21.20
		1	50	20.62	20.59	20.53	21.20
		1	99	20.53	20.62	20.40	21.20
		50	0	20.49	20.44	20.58	21.20
		50	25	20.57	20.56	20.54	21.20
		50	50	20.57	20.54	20.41	21.20
		100	0	20.50	20.41	20.52	21.20

LTE Band 66 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.62	18.52	18.50	19.20
		1	2	18.51	18.54	18.38	19.20
		1	5	18.41	18.42	18.51	19.20
		3	0	18.51	18.49	18.43	19.20
		3	1	18.50	18.54	18.36	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 270 of 960

5MHz	QPSK	1	0	18.58	18.48	18.48	19.20
		1	13	18.44	18.52	18.37	19.20
		1	24	18.48	18.44	18.50	19.20
		12	0	18.53	18.57	18.46	19.20
		12	6	18.58	18.49	18.40	19.20
		12	13	18.42	18.44	18.46	19.20
		25	0	18.50	18.47	18.46	19.20
	16QAM	1	0	18.53	18.59	18.38	19.20
		1	13	18.43	18.47	18.51	19.20
		1	24	18.47	18.46	18.51	19.20
		12	0	18.57	18.54	18.37	19.20
		12	6	18.43	18.40	18.47	19.20
		12	13	18.56	18.57	18.47	19.20
		25	0	18.47	18.48	18.39	19.20
	64QAM	1	0	18.44	18.43	18.48	19.20
		1	13	18.56	18.55	18.38	19.20
		1	24	18.60	18.51	18.43	19.20
		12	0	18.42	18.31	18.47	19.20
		12	6	18.49	18.53	18.49	19.20
		12	13	18.49	18.52	18.41	19.20
		25	0	18.43	18.31	18.50	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.51	18.43	18.44	19.20
		1	25	18.57	18.50	18.38	19.20
		1	49	18.39	18.32	18.49	19.20
		25	0	18.59	18.43	18.52	19.20
		25	13	18.51	18.51	18.40	19.20
		25	25	18.45	18.39	18.52	19.20
		50	0	18.53	18.55	18.51	19.20
	16QAM	1	0	18.54	18.48	18.40	19.20
		1	25	18.39	18.39	18.56	19.20
		1	49	18.56	18.56	18.44	19.20
		25	0	18.55	18.52	18.36	19.20
		25	13	18.43	18.39	18.54	19.20
		25	25	18.55	18.53	18.45	19.20
		50	0	18.54	18.56	18.45	19.20
	64QAM	1	0	18.45	18.36	18.47	19.20
		1	25	18.48	18.47	18.45	19.20
		1	49	18.50	18.48	18.38	19.20
		25	0	18.42	18.34	18.48	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 271 of 960

		25	13	18.58	18.50	18.47	19.20
		25	25	18.54	18.54	18.41	19.20
		50	0	18.39	18.40	18.47	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.60	18.49	18.40	19.20
		1	38	18.52	18.51	18.40	19.20
		1	74	18.44	18.38	18.43	19.20
		36	0	18.51	18.57	18.42	19.20
		36	18	18.56	18.45	18.35	19.20
		36	39	18.37	18.42	18.43	19.20
		75	0	18.58	18.49	18.44	19.20
	16QAM	1	0	18.59	18.54	18.39	19.20
		1	38	18.39	18.34	18.45	19.20
		1	74	18.57	18.58	18.49	19.20
		36	0	18.46	18.53	18.43	19.20
		36	18	18.39	18.39	18.46	19.20
		36	39	18.55	18.53	18.43	19.20
		75	0	18.55	18.53	18.40	19.20
	64QAM	1	0	18.45	18.47	18.46	19.20
		1	38	18.54	18.51	18.45	19.20
		1	74	18.54	18.53	18.44	19.20
		36	0	18.41	18.34	18.51	19.20
		36	18	18.56	18.49	18.45	19.20
		36	39	18.51	18.49	18.35	19.20
		75	0	18.38	18.39	18.48	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.61	18.54	18.44	19.20
		1	50	18.53	18.51	18.44	19.20
		1	99	18.45	18.36	18.49	19.20
		50	0	18.55	18.59	18.43	19.20
		50	25	18.60	18.57	18.41	19.20
		50	50	18.43	18.36	18.50	19.20
		100	0	18.49	18.50	18.40	19.20
	16QAM	1	0	18.51	18.50	18.42	19.20
		1	50	18.46	18.36	18.42	19.20
		1	99	18.61	18.49	18.40	19.20
		50	0	18.47	18.53	18.37	19.20
		50	25	18.48	18.36	18.48	19.20
		50	50	18.54	18.51	18.51	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 272 of 960

		100	0	18.46	18.47	18.41	19.20
	64QAM	1	0	18.43	18.36	18.49	19.20
		1	50	18.58	18.53	18.52	19.20
		1	99	18.45	18.60	18.33	19.20
		50	0	18.46	18.40	18.53	19.20
		50	25	18.56	18.52	18.47	19.20
		50	50	18.48	18.50	18.36	19.20
		100	0	18.49	18.37	18.45	19.20

LTE Band 66 DS13/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.63	17.52	17.48	18.20
		1	2	17.52	17.49	17.36	18.20
		1	5	17.40	17.38	17.48	18.20
		3	0	17.56	17.49	17.42	18.20
		3	1	17.48	17.52	17.40	18.20
		3	3	17.44	17.44	17.43	18.20
		6	0	17.56	17.49	17.53	18.20
	16QAM	1	0	17.44	17.54	17.34	18.20
		1	2	17.44	17.40	17.50	18.20
		1	5	17.56	17.56	17.41	18.20
		3	0	17.49	17.54	17.38	18.20
		3	1	17.42	17.39	17.51	18.20
		3	3	17.58	17.50	17.46	18.20
		6	0	17.46	17.53	17.43	18.20
	64QAM	1	0	17.39	17.42	17.49	18.20
		1	2	17.52	17.57	17.47	18.20
		1	5	17.56	17.51	17.40	18.20
		3	0	17.46	17.34	17.48	18.20
		3	1	17.51	17.49	17.46	18.20
		3	3	17.53	17.59	17.38	18.20
		6	0	17.43	17.40	17.56	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.56	17.52	17.45	18.20
		1	7	17.54	17.52	17.39	18.20
		1	14	17.44	17.44	17.48	18.20
		8	0	17.57	17.53	17.44	18.20
		8	4	17.54	17.53	17.39	18.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 275 of 960

		36	18	17.53	17.52	17.44	18.20
		36	39	17.55	17.52	17.42	18.20
		75	0	17.39	17.37	17.51	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.60	17.54	17.44	18.20
		1	50	17.52	17.51	17.37	18.20
		1	99	17.38	17.41	17.53	18.20
		50	0	17.52	17.56	17.46	18.20
		50	25	17.52	17.57	17.35	18.20
		50	50	17.49	17.35	17.51	18.20
		100	0	17.48	17.52	17.41	18.20
	16QAM	1	0	17.55	17.56	17.40	18.20
		1	50	17.47	17.37	17.44	18.20
		1	99	17.53	17.46	17.42	18.20
		50	0	17.47	17.47	17.39	18.20
		50	25	17.40	17.42	17.50	18.20
		50	50	17.54	17.50	17.44	18.20
		100	0	17.50	17.54	17.42	18.20
	64QAM	1	0	17.45	17.42	17.48	18.20
		1	50	17.54	17.53	17.45	18.20
		1	99	17.47	17.59	17.31	18.20
		50	0	17.44	17.38	17.54	18.20
		50	25	17.51	17.51	17.45	18.20
		50	50	17.55	17.49	17.33	18.20
		100	0	17.43	17.33	17.47	18.20

LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.56	15.52	15.48	16.20
		1	2	15.57	15.50	15.40	16.20
		1	5	15.42	15.35	15.53	16.20
		3	0	15.52	15.51	15.42	16.20
		3	1	15.46	15.58	15.37	16.20
		3	3	15.43	15.39	15.46	16.20
		6	0	15.55	15.53	15.52	16.20
	16QAM	1	0	15.49	15.58	15.34	16.20
		1	2	15.43	15.35	15.53	16.20
		1	5	15.56	15.54	15.47	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 276 of 960

		3	0	15.52	15.54	15.37	16.20
		3	1	15.39	15.36	15.53	16.20
		3	3	15.53	15.48	15.44	16.20
		6	0	15.53	15.55	15.44	16.20
	64QAM	1	0	15.41	15.42	15.53	16.20
		1	2	15.53	15.57	15.51	16.20
		1	5	15.49	15.47	15.40	16.20
		3	0	15.39	15.41	15.50	16.20
		3	1	15.51	15.51	15.51	16.20
		3	3	15.53	15.58	15.44	16.20
		6	0	15.38	15.38	15.48	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	15.56	15.48	15.43	16.20
		1	7	15.54	15.55	15.37	16.20
		1	14	15.44	15.36	15.45	16.20
		8	0	15.56	15.47	15.48	16.20
		8	4	15.51	15.58	15.35	16.20
		8	7	15.43	15.38	15.54	16.20
		15	0	15.55	15.47	15.46	16.20
	16QAM	1	0	15.47	15.55	15.42	16.20
		1	7	15.44	15.46	15.55	16.20
		1	14	15.59	15.48	15.43	16.20
		8	0	15.47	15.49	15.36	16.20
		8	4	15.37	15.45	15.50	16.20
		8	7	15.48	15.49	15.47	16.20
		15	0	15.55	15.55	15.43	16.20
	64QAM	1	0	15.38	15.36	15.45	16.20
		1	7	15.53	15.51	15.43	16.20
		1	14	15.50	15.53	15.38	16.20
		8	0	15.44	15.41	15.44	16.20
		8	4	15.52	15.46	15.49	16.20
		8	7	15.55	15.49	15.41	16.20
		15	0	15.47	15.40	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.56	15.48	15.41	16.20
		1	13	15.46	15.51	15.33	16.20
		1	24	15.47	15.41	15.45	16.20
		12	0	15.54	15.56	15.43	16.20
		12	6	15.53	15.56	15.39	16.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 277 of 960

		12	13	15.40	15.43	15.49	16.20
		25	0	15.47	15.46	15.46	16.20
	16QAM	1	0	15.54	15.53	15.41	16.20
		1	13	15.42	15.43	15.48	16.20
		1	24	15.55	15.45	15.50	16.20
		12	0	15.54	15.53	15.37	16.20
		12	6	15.43	15.41	15.52	16.20
		12	13	15.59	15.55	15.44	16.20
		25	0	15.46	15.50	15.46	16.20
		25	0	15.46	15.50	15.46	16.20
	64QAM	1	0	15.43	15.40	15.47	16.20
		1	13	15.56	15.51	15.44	16.20
		1	24	15.58	15.57	15.45	16.20
		12	0	15.48	15.36	15.49	16.20
		12	6	15.54	15.52	15.45	16.20
		12	13	15.54	15.50	15.37	16.20
		25	0	15.46	15.31	15.48	16.20
		25	0	15.46	15.31	15.48	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.57	15.47	15.41	16.20
		1	25	15.53	15.53	15.33	16.20
		1	49	15.45	15.38	15.44	16.20
		25	0	15.61	15.46	15.47	16.20
		25	13	15.51	15.48	15.34	16.20
		25	25	15.43	15.32	15.56	16.20
		50	0	15.54	15.54	15.48	16.20
		50	0	15.54	15.54	15.48	16.20
	16QAM	1	0	15.55	15.51	15.37	16.20
		1	25	15.47	15.40	15.50	16.20
		1	49	15.59	15.50	15.49	16.20
		25	0	15.47	15.58	15.44	16.20
		25	13	15.38	15.40	15.50	16.20
		25	25	15.59	15.52	15.47	16.20
		50	0	15.47	15.50	15.38	16.20
		50	0	15.47	15.50	15.38	16.20
	64QAM	1	0	15.46	15.37	15.43	16.20
		1	25	15.51	15.51	15.49	16.20
		1	49	15.49	15.53	15.40	16.20
		25	0	15.40	15.39	15.45	16.20
		25	13	15.56	15.49	15.44	16.20
		25	25	15.51	15.47	15.38	16.20
		50	0	15.44	15.36	15.47	16.20
		50	0	15.44	15.36	15.47	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 278 of 960

15MHz	QPSK	1	0	15.60	15.46	15.39	16.20
		1	38	15.54	15.53	15.38	16.20
		1	74	15.46	15.36	15.49	16.20
		36	0	15.48	15.54	15.45	16.20
		36	18	15.52	15.46	15.43	16.20
		36	39	15.43	15.46	15.50	16.20
		75	0	15.58	15.53	15.45	16.20
	16QAM	1	0	15.52	15.55	15.34	16.20
		1	38	15.42	15.36	15.48	16.20
		1	74	15.60	15.54	15.49	16.20
		36	0	15.51	15.60	15.40	16.20
		36	18	15.44	15.35	15.43	16.20
		36	39	15.57	15.52	15.48	16.20
		75	0	15.53	15.54	15.45	16.20
	64QAM	1	0	15.44	15.44	15.52	16.20
		1	38	15.57	15.47	15.46	16.20
		1	74	15.52	15.58	15.44	16.20
		36	0	15.36	15.34	15.49	16.20
		36	18	15.50	15.47	15.43	16.20
		36	39	15.53	15.53	15.37	16.20
		75	0	15.41	15.35	15.48	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	15.61	15.52	15.43	16.20
		1	50	15.45	15.53	15.36	16.20
		1	99	15.42	15.41	15.53	16.20
		50	0	15.53	15.55	15.40	16.20
		50	25	15.56	15.60	15.33	16.20
		50	50	15.49	15.36	15.50	16.20
		100	0	15.56	15.50	15.46	16.20
	16QAM	1	0	15.59	15.48	15.37	16.20
		1	50	15.43	15.33	15.42	16.20
		1	99	15.60	15.50	15.43	16.20
		50	0	15.46	15.50	15.44	16.20
		50	25	15.46	15.39	15.53	16.20
		50	50	15.54	15.48	15.52	16.20
		100	0	15.51	15.48	15.41	16.20
	64QAM	1	0	15.42	15.42	15.55	16.20
		1	50	15.59	15.52	15.48	16.20
		1	99	15.52	15.55	15.36	16.20
		50	0	15.40	15.38	15.52	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 279 of 960

		50	25	15.56	15.50	15.48	16.20
		50	50	15.52	15.50	15.36	16.20
		100	0	15.46	15.32	15.48	16.20



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4.2 Conducted Power of LTE (Ant13)

LTE Band 2 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.29	20.34	20.37	21.50
		1	2	20.25	20.25	20.25	21.50
		1	5	20.23	20.32	20.34	21.50
		3	0	20.30	20.33	20.41	21.50
		3	2	20.29	20.30	20.28	21.50
		3	3	20.27	20.31	20.35	21.50
		6	0	20.30	20.33	20.38	21.50
	16QAM	1	0	20.26	20.22	20.21	21.50
		1	2	20.20	20.36	20.35	21.50
		1	5	20.26	20.31	20.41	21.50
		3	0	20.31	20.30	20.22	21.50
		3	2	20.24	20.34	20.31	21.50
		3	3	20.32	20.37	20.40	21.50
		6	0	20.25	20.28	20.28	21.50
	64QAM	1	0	20.27	20.33	20.39	21.50
		1	2	20.30	20.32	20.39	21.50
		1	5	20.27	20.25	20.24	21.50
		3	0	20.20	20.30	20.36	21.50
		3	2	20.30	20.31	20.41	21.50
		3	3	20.31	20.25	20.22	21.50
		6	0	20.25	20.35	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.28	20.35	20.38	21.50
		1	7	20.26	20.23	20.22	21.50
		1	14	20.23	20.35	20.33	21.50
		8	0	20.32	20.38	20.35	21.50
		8	4	20.28	20.25	20.28	21.50
		8	7	20.20	20.31	20.36	21.50
		15	0	20.27	20.38	20.36	21.50
	16QAM	1	0	20.25	20.22	20.26	21.50
		1	7	20.25	20.33	20.32	21.50
		1	14	20.31	20.38	20.36	21.50
		8	0	20.28	20.25	20.23	21.50
		8	4	20.19	20.33	20.36	21.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 281 of 960

		8	7	20.32	20.30	20.34	21.50
		15	0	20.31	20.30	20.20	21.50
	64QAM	1	0	20.22	20.38	20.34	21.50
		1	7	20.28	20.37	20.42	21.50
		1	14	20.25	20.25	20.24	21.50
		8	0	20.22	20.38	20.32	21.50
		8	4	20.28	20.38	20.40	21.50
		8	7	20.29	20.26	20.23	21.50
		15	0	20.22	20.37	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.28	20.36	20.40	21.50
		1	13	20.25	20.22	20.27	21.50
		1	24	20.25	20.33	20.32	21.50
		12	0	20.32	20.37	20.40	21.50
		12	6	20.25	20.28	20.21	21.50
		12	13	20.27	20.34	20.33	21.50
		25	0	20.34	20.35	20.34	21.50
	16QAM	1	0	20.24	20.25	20.24	21.50
		1	13	20.19	20.37	20.39	21.50
		1	24	20.33	20.37	20.39	21.50
		12	0	20.31	20.26	20.28	21.50
		12	6	20.26	20.31	20.39	21.50
		12	13	20.26	20.34	20.35	21.50
		25	0	20.30	20.22	20.26	21.50
	64QAM	1	0	20.20	20.33	20.36	21.50
		1	13	20.34	20.36	20.37	21.50
		1	24	20.28	20.26	20.23	21.50
		12	0	20.21	20.33	20.38	21.50
		12	6	20.32	20.38	20.34	21.50
		12	13	20.29	20.22	20.25	21.50
		25	0	20.25	20.31	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.34	20.34	20.40	21.50
		1	25	20.26	20.23	20.28	21.50
		1	49	20.21	20.37	20.38	21.50
		25	0	20.29	20.34	20.42	21.50
		25	13	20.31	20.26	20.20	21.50
		25	25	20.25	20.36	20.37	21.50
		50	0	20.33	20.36	20.39	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 283 of 960

		1	99	20.23	20.33	20.38	21.50
		50	0	20.31	20.32	20.38	21.50
		50	25	20.26	20.28	20.20	21.50
		50	50	20.19	20.30	20.33	21.50
		100	0	20.26	20.31	20.38	21.50
	16QAM	1	0	20.24	20.25	20.27	21.50
		1	50	20.21	20.32	20.32	21.50
		1	99	20.26	20.31	20.39	21.50
		50	0	20.26	20.29	20.26	21.50
		50	25	20.21	20.30	20.33	21.50
		50	50	20.26	20.31	20.35	21.50
		100	0	20.29	20.30	20.22	21.50
	64QAM	1	0	20.25	20.31	20.37	21.50
		1	50	20.30	20.37	20.35	21.50
		1	99	20.25	20.30	20.20	21.50
		50	0	20.20	20.33	20.39	21.50
		50	25	20.28	20.33	20.36	21.50
		50	50	20.25	20.22	20.20	21.50
		100	0	20.27	20.38	20.39	21.50

LTE Band 2 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.32	17.38	17.44	18.50
		1	2	17.30	17.33	17.29	18.50
		1	5	17.25	17.38	17.41	18.50
		3	0	17.36	17.35	17.42	18.50
		3	2	17.31	17.38	17.34	18.50
		3	3	17.28	17.40	17.39	18.50
		6	0	17.31	17.34	17.39	18.50
	16QAM	1	0	17.30	17.30	17.27	18.50
		1	2	17.23	17.38	17.40	18.50
		1	5	17.27	17.32	17.42	18.50
		3	0	17.36	17.33	17.23	18.50
		3	2	17.29	17.35	17.33	18.50
		3	3	17.38	17.44	17.45	18.50
		6	0	17.29	17.37	17.32	18.50
	64QAM	1	0	17.31	17.34	17.43	18.50
		1	2	17.31	17.38	17.47	18.50
		1	5	17.36	17.28	17.29	18.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 284 of 960

		3	0	17.22	17.33	17.39	18.50
		3	2	17.38	17.33	17.43	18.50
		3	3	17.36	17.28	17.30	18.50
		6	0	17.34	17.36	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.33	17.41	17.39	18.50
		1	7	17.34	17.30	17.25	18.50
		1	14	17.29	17.39	17.38	18.50
		8	0	17.41	17.39	17.37	18.50
		8	4	17.30	17.29	17.30	18.50
		8	7	17.23	17.32	17.44	18.50
		15	0	17.36	17.47	17.42	18.50
	16QAM	1	0	17.29	17.31	17.30	18.50
		1	7	17.29	17.38	17.38	18.50
		1	14	17.33	17.45	17.45	18.50
		8	0	17.36	17.26	17.28	18.50
		8	4	17.21	17.39	17.44	18.50
		8	7	17.34	17.31	17.38	18.50
		15	0	17.36	17.33	17.25	18.50
	64QAM	1	0	17.24	17.41	17.36	18.50
		1	7	17.34	17.40	17.44	18.50
		1	14	17.28	17.30	17.27	18.50
		8	0	17.26	17.46	17.38	18.50
		8	4	17.37	17.40	17.42	18.50
		8	7	17.35	17.33	17.26	18.50
		15	0	17.23	17.38	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.37	17.40	17.47	18.50
		1	13	17.33	17.23	17.34	18.50
		1	24	17.33	17.38	17.39	18.50
		12	0	17.38	17.46	17.45	18.50
		12	6	17.29	17.30	17.22	18.50
		12	13	17.32	17.40	17.41	18.50
		25	0	17.42	17.41	17.41	18.50
	16QAM	1	0	17.26	17.33	17.27	18.50
		1	13	17.21	17.39	17.47	18.50
		1	24	17.36	17.46	17.47	18.50
		12	0	17.32	17.29	17.33	18.50
		12	6	17.31	17.36	17.44	18.50



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No. (Testing) # (Multi) Set(s), Serial Testing Fee, Analytical Fee, Sample Fee, Storage Fee: \$16057 | (86-755) 6321 2053 | (86-755) 267 0594 | www.sgs.com.cn
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 285 of 960

		12	13	17.29	17.43	17.39	18.50
		25	0	17.38	17.30	17.27	18.50
	64QAM	1	0	17.26	17.39	17.44	18.50
		1	13	17.38	17.40	17.46	18.50
		1	24	17.35	17.28	17.32	18.50
		12	0	17.23	17.34	17.41	18.50
		12	6	17.33	17.42	17.39	18.50
		12	13	17.36	17.29	17.34	18.50
		25	0	17.26	17.38	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.39	17.42	17.47	18.50
		1	25	17.27	17.32	17.37	18.50
		1	49	17.28	17.42	17.45	18.50
		25	0	17.32	17.38	17.48	18.50
		25	13	17.37	17.34	17.25	18.50
		25	25	17.27	17.43	17.42	18.50
		50	0	17.40	17.44	17.48	18.50
	16QAM	1	0	17.31	17.29	17.23	18.50
		1	25	17.29	17.40	17.39	18.50
		1	49	17.36	17.36	17.49	18.50
		25	0	17.35	17.32	17.24	18.50
		25	13	17.33	17.37	17.43	18.50
		25	25	17.34	17.38	17.37	18.50
		50	0	17.28	17.28	17.29	18.50
	64QAM	1	0	17.29	17.45	17.44	18.50
		1	25	17.29	17.39	17.41	18.50
		1	49	17.37	17.38	17.33	18.50
		25	0	17.29	17.33	17.36	18.50
		25	13	17.40	17.34	17.41	18.50
		25	25	17.31	17.28	17.27	18.50
		50	0	17.28	17.45	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.35	17.36	17.50	18.50
		1	38	17.29	17.31	17.31	18.50
		1	74	17.28	17.39	17.39	18.50
		36	0	17.31	17.37	17.46	18.50
		36	18	17.33	17.27	17.32	18.50
		36	39	17.27	17.38	17.42	18.50
		75	0	17.35	17.39	17.44	18.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 287 of 960

LTE Band 2 DSI8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	15.36	15.43	15.43	16.50
		1	2	15.29	15.29	15.27	16.50
		1	5	15.30	15.36	15.38	16.50
		3	0	15.38	15.41	15.46	16.50
		3	2	15.35	15.38	15.37	16.50
		3	3	15.33	15.34	15.38	16.50
		6	0	15.39	15.36	15.45	16.50
	16QAM	1	0	15.34	15.23	15.24	16.50
		1	2	15.25	15.39	15.43	16.50
		1	5	15.35	15.38	15.43	16.50
		3	0	15.32	15.34	15.29	16.50
		3	2	15.31	15.37	15.34	16.50
		3	3	15.33	15.46	15.46	16.50
		6	0	15.29	15.36	15.34	16.50
	64QAM	1	0	15.32	15.36	15.48	16.50
		1	2	15.34	15.37	15.47	16.50
		1	5	15.32	15.28	15.29	16.50
		3	0	15.26	15.36	15.41	16.50
		3	2	15.39	15.40	15.48	16.50
		3	3	15.40	15.27	15.28	16.50
		6	0	15.34	15.37	15.40	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	15.35	15.42	15.45	16.50
		1	7	15.30	15.29	15.31	16.50
		1	14	15.26	15.44	15.37	16.50
		8	0	15.40	15.45	15.39	16.50
		8	4	15.35	15.34	15.36	16.50
		8	7	15.29	15.36	15.44	16.50
		15	0	15.36	15.39	15.43	16.50
	16QAM	1	0	15.33	15.23	15.29	16.50
		1	7	15.31	15.40	15.34	16.50
		1	14	15.33	15.44	15.42	16.50
		8	0	15.37	15.26	15.32	16.50
		8	4	15.25	15.34	15.40	16.50
		8	7	15.41	15.33	15.42	16.50



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No. (Testing) # (Lab) Sector, Standard, Technical File Number (S/N) Result, Issuing Date: 116057 1 (86-755) 6321 2053 1 (86-755) 267 10594 www.sgs.com.cn
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 289 of 960

		1	25	15.27	15.39	15.39	16.50
		1	49	15.39	15.39	15.48	16.50
		25	0	15.34	15.33	15.28	16.50
		25	13	15.32	15.37	15.36	16.50
		25	25	15.33	15.33	15.36	16.50
		50	0	15.28	15.29	15.28	16.50
	64QAM	1	0	15.32	15.41	15.39	16.50
		1	25	15.27	15.40	15.41	16.50
		1	49	15.34	15.30	15.26	16.50
		25	0	15.31	15.39	15.37	16.50
		25	13	15.41	15.35	15.37	16.50
		25	25	15.33	15.29	15.26	16.50
		50	0	15.28	15.46	15.40	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.37	15.36	15.46	16.50
		1	38	15.31	15.35	15.26	16.50
		1	74	15.22	15.44	15.33	16.50
		36	0	15.30	15.45	15.42	16.50
		36	18	15.36	15.33	15.32	16.50
		36	39	15.29	15.37	15.38	16.50
		75	0	15.39	15.41	15.47	16.50
	16QAM	1	0	15.36	15.23	15.29	16.50
		1	38	15.26	15.44	15.43	16.50
		1	74	15.34	15.34	15.44	16.50
		36	0	15.39	15.26	15.28	16.50
		36	18	15.24	15.39	15.42	16.50
		36	39	15.28	15.39	15.46	16.50
		75	0	15.36	15.32	15.29	16.50
	64QAM	1	0	15.30	15.34	15.38	16.50
		1	38	15.33	15.40	15.46	16.50
		1	74	15.29	15.34	15.21	16.50
		36	0	15.24	15.45	15.45	16.50
		36	18	15.40	15.39	15.39	16.50
		36	39	15.28	15.36	15.23	16.50
		75	0	15.20	15.42	15.42	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	15.35	15.37	15.38	16.50
		1	50	15.32	15.32	15.23	16.50
		1	99	15.25	15.41	15.39	16.50



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No. (Testing) # (Lab) Sector, Standard, Testing Fee, Analysis Fee, Report Fee, Sample Fee, Storage Fee, etc. \$16057 I (86-755) 6321 2053 I (86-755) 267 0594 www.sgs.com.cn
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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 290 of 960

		50	0	15.32	15.41	15.43	16.50
		50	25	15.32	15.33	15.22	16.50
		50	50	15.23	15.36	15.40	16.50
		100	0	15.28	15.34	15.42	16.50
	16QAM	1	0	15.33	15.32	15.31	16.50
		1	50	15.26	15.40	15.36	16.50
		1	99	15.29	15.32	15.46	16.50
		50	0	15.27	15.34	15.32	16.50
		50	25	15.22	15.32	15.34	16.50
		50	50	15.30	15.35	15.38	16.50
		100	0	15.35	15.33	15.29	16.50
	64QAM	1	0	15.32	15.35	15.46	16.50
		1	50	15.39	15.38	15.43	16.50
		1	99	15.27	15.31	15.21	16.50
		50	0	15.25	15.41	15.47	16.50
		50	25	15.34	15.36	15.41	16.50
		50	50	15.28	15.28	15.27	16.50
		100	0	15.36	15.47	15.44	16.50

LTE Band 2 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.33	13.37	13.44	14.50
		1	2	13.27	13.29	13.33	14.50
		1	5	13.27	13.37	13.42	14.50
		3	0	13.33	13.36	13.50	14.50
		3	2	13.32	13.37	13.33	14.50
		3	3	13.30	13.40	13.43	14.50
		6	0	13.35	13.42	13.40	14.50
	16QAM	1	0	13.30	13.30	13.30	14.50
		1	2	13.22	13.42	13.38	14.50
		1	5	13.32	13.33	13.47	14.50
		3	0	13.37	13.36	13.23	14.50
		3	2	13.29	13.39	13.33	14.50
		3	3	13.33	13.41	13.49	14.50
		6	0	13.32	13.33	13.32	14.50
	64QAM	1	0	13.30	13.40	13.48	14.50
		1	2	13.37	13.39	13.40	14.50
		1	5	13.31	13.32	13.27	14.50
		3	0	13.24	13.31	13.39	14.50



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No. (Testing) # (Lab) Sector, Standard, Testing Fee, Number (Item) Result, Issuing Date: 516057 I (86-755) 88012053 I (86-755) 26710594 www.sgs.com.cn
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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 291 of 960

		3	2	13.33	13.40	13.45	14.50
		3	3	13.40	13.31	13.29	14.50
		6	0	13.28	13.41	13.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	13.36	13.43	13.47	14.50
		1	7	13.29	13.28	13.30	14.50
		1	14	13.28	13.42	13.41	14.50
		8	0	13.35	13.39	13.40	14.50
		8	4	13.30	13.29	13.29	14.50
		8	7	13.21	13.38	13.38	14.50
		15	0	13.29	13.45	13.42	14.50
	16QAM	1	0	13.29	13.24	13.33	14.50
		1	7	13.26	13.36	13.41	14.50
		1	14	13.40	13.45	13.39	14.50
		8	0	13.33	13.29	13.31	14.50
		8	4	13.27	13.41	13.42	14.50
		8	7	13.41	13.33	13.43	14.50
		15	0	13.39	13.32	13.24	14.50
	64QAM	1	0	13.24	13.43	13.42	14.50
		1	7	13.34	13.44	13.44	14.50
		1	14	13.30	13.28	13.28	14.50
		8	0	13.30	13.40	13.39	14.50
		8	4	13.33	13.43	13.42	14.50
		8	7	13.34	13.33	13.25	14.50
		15	0	13.30	13.40	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	13.34	13.38	13.49	14.50
		1	13	13.30	13.23	13.29	14.50
		1	24	13.32	13.41	13.37	14.50
		12	0	13.33	13.44	13.42	14.50
		12	6	13.30	13.34	13.28	14.50
		12	13	13.35	13.41	13.35	14.50
		25	0	13.36	13.44	13.36	14.50
	16QAM	1	0	13.33	13.29	13.28	14.50
		1	13	13.21	13.44	13.46	14.50
		1	24	13.40	13.40	13.43	14.50
		12	0	13.34	13.27	13.29	14.50
		12	6	13.35	13.37	13.45	14.50
		12	13	13.30	13.42	13.38	14.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 293 of 960

		1	38	13.32	13.44	13.40	14.50	
		1	74	13.35	13.38	13.40	14.50	
		36	0	13.39	13.24	13.34	14.50	
		36	18	13.29	13.37	13.46	14.50	
		36	39	13.34	13.38	13.44	14.50	
		75	0	13.38	13.32	13.25	14.50	
		64QAM	1	0	13.33	13.38	13.44	14.50
			1	38	13.37	13.34	13.43	14.50
			1	74	13.26	13.33	13.28	14.50
			36	0	13.23	13.43	13.42	14.50
			36	18	13.40	13.37	13.40	14.50
			36	39	13.33	13.34	13.25	14.50
	75	0	13.26	13.39	13.41	14.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	13.38	13.41	13.45	14.50	
		1	50	13.36	13.32	13.29	14.50	
		1	99	13.27	13.41	13.43	14.50	
		50	0	13.37	13.39	13.39	14.50	
		50	25	13.35	13.29	13.28	14.50	
		50	50	13.25	13.35	13.35	14.50	
		100	0	13.31	13.39	13.40	14.50	
	16QAM	1	0	13.25	13.28	13.29	14.50	
		1	50	13.24	13.36	13.39	14.50	
		1	99	13.35	13.36	13.47	14.50	
		50	0	13.27	13.34	13.31	14.50	
		50	25	13.24	13.38	13.34	14.50	
		50	50	13.31	13.39	13.39	14.50	
		100	0	13.30	13.31	13.26	14.50	
	64QAM	1	0	13.29	13.35	13.46	14.50	
		1	50	13.33	13.40	13.39	14.50	
		1	99	13.32	13.33	13.23	14.50	
		50	0	13.29	13.41	13.44	14.50	
		50	25	13.30	13.38	13.45	14.50	
		50	50	13.31	13.23	13.26	14.50	
		100	0	13.34	13.45	13.45	14.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 294 of 960

LTE Band 2 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	11.87	11.91	11.90	13.00
		1	2	11.84	11.79	11.83	13.00
		1	5	11.81	11.88	11.86	13.00
		3	0	11.81	11.92	11.96	13.00
		3	2	11.84	11.89	11.81	13.00
		3	3	11.85	11.83	11.93	13.00
		6	0	11.87	11.90	11.89	13.00
	16QAM	1	0	11.80	11.76	11.72	13.00
		1	2	11.76	11.91	11.93	13.00
		1	5	11.77	11.86	11.97	13.00
		3	0	11.84	11.82	11.73	13.00
		3	2	11.76	11.87	11.89	13.00
		3	3	11.87	11.89	11.95	13.00
		6	0	11.84	11.82	11.81	13.00
	64QAM	1	0	11.81	11.86	11.94	13.00
		1	2	11.88	11.89	11.98	13.00
		1	5	11.83	11.80	11.80	13.00
		3	0	11.74	11.86	11.90	13.00
		3	2	11.85	11.84	11.93	13.00
		3	3	11.84	11.78	11.79	13.00
		6	0	11.77	11.89	11.95	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	11.87	11.89	11.94	13.00
		1	7	11.78	11.80	11.81	13.00
		1	14	11.78	11.94	11.87	13.00
		8	0	11.91	11.93	11.87	13.00
		8	4	11.86	11.76	11.81	13.00
		8	7	11.77	11.86	11.91	13.00
		15	0	11.85	11.96	11.89	13.00
	16QAM	1	0	11.80	11.79	11.85	13.00
		1	7	11.84	11.86	11.89	13.00
		1	14	11.83	11.91	11.95	13.00
		8	0	11.87	11.83	11.81	13.00
		8	4	11.78	11.84	11.93	13.00
		8	7	11.91	11.83	11.88	13.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 295 of 960

		15	0	11.88	11.89	11.73	13.00
	64QAM	1	0	11.80	11.91	11.93	13.00
		1	7	11.84	11.95	11.98	13.00
		1	14	11.76	11.80	11.80	13.00
		8	0	11.81	11.93	11.85	13.00
		8	4	11.86	11.95	11.94	13.00
		8	7	11.88	11.83	11.81	13.00
		15	0	11.81	11.89	11.91	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	11.87	11.93	11.94	13.00
		1	13	11.76	11.77	11.85	13.00
		1	24	11.80	11.90	11.83	13.00
		12	0	11.83	11.90	11.96	13.00
		12	6	11.78	11.79	11.74	13.00
		12	13	11.86	11.87	11.90	13.00
		25	0	11.85	11.94	11.86	13.00
	16QAM	1	0	11.76	11.79	11.76	13.00
		1	13	11.78	11.91	11.92	13.00
		1	24	11.91	11.89	11.95	13.00
		12	0	11.87	11.82	11.86	13.00
		12	6	11.82	11.89	11.96	13.00
		12	13	11.77	11.85	11.92	13.00
		25	0	11.89	11.77	11.78	13.00
	64QAM	1	0	11.72	11.88	11.94	13.00
		1	13	11.85	11.89	11.96	13.00
		1	24	11.86	11.79	11.78	13.00
		12	0	11.77	11.90	11.91	13.00
		12	6	11.88	11.94	11.88	13.00
		12	13	11.82	11.75	11.77	13.00
		25	0	11.83	11.84	11.89	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	11.85	11.85	11.99	13.00
		1	25	11.85	11.79	11.79	13.00
		1	49	11.75	11.96	11.95	13.00
		25	0	11.87	11.87	12.00	13.00
		25	13	11.90	11.79	11.77	13.00
		25	25	11.78	11.92	11.92	13.00
		50	0	11.85	11.87	11.90	13.00
	16QAM	1	0	11.87	11.77	11.75	13.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 296 of 960

		1	25	11.83	11.96	11.87	13.00	
		1	49	11.86	11.90	11.94	13.00	
		25	0	11.88	11.78	11.77	13.00	
		25	13	11.75	11.82	11.88	13.00	
		25	25	11.86	11.86	11.89	13.00	
		50	0	11.77	11.74	11.86	13.00	
	64QAM	1	0	11.79	11.94	11.91	13.00	
		1	25	11.85	11.89	11.92	13.00	
		1	49	11.80	11.87	11.81	13.00	
		25	0	11.83	11.84	11.86	13.00	
		25	13	11.89	11.84	11.92	13.00	
		25	25	11.82	11.82	11.73	13.00	
	50	0	11.76	11.95	11.91	13.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
18675					18900	19125		
15MHz	QPSK	1	0	11.85	11.87	11.93	13.00	
		1	38	11.82	11.78	11.77	13.00	
		1	74	11.78	11.86	11.89	13.00	
		36	0	11.86	11.89	11.88	13.00	
		36	18	11.88	11.80	11.84	13.00	
		36	39	11.77	11.87	11.93	13.00	
		75	0	11.83	11.88	11.93	13.00	
	16QAM	1	0	11.86	11.73	11.74	13.00	
		1	38	11.76	11.96	11.95	13.00	
		1	74	11.87	11.90	11.94	13.00	
		36	0	11.82	11.76	11.78	13.00	
		36	18	11.77	11.88	11.94	13.00	
		36	39	11.78	11.87	11.97	13.00	
		75	0	11.87	11.78	11.76	13.00	
	64QAM	1	0	11.84	11.90	11.93	13.00	
		1	38	11.86	11.90	11.94	13.00	
		1	74	11.82	11.79	11.75	13.00	
		36	0	11.80	11.92	11.91	13.00	
		36	18	11.90	11.88	11.89	13.00	
		36	39	11.81	11.82	11.79	13.00	
		75	0	11.72	11.95	11.95	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	20MHz	QPSK	1	0	11.86	11.93	11.96	13.00
1			50	11.80	11.85	11.80	13.00	
1			99	11.74	11.87	11.94	13.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 297 of 960

		50	0	11.87	11.88	11.96	13.00
		50	25	11.80	11.86	11.77	13.00
		50	50	11.75	11.86	11.91	13.00
		100	0	11.80	11.86	11.90	13.00
	16QAM	1	0	11.79	11.84	11.79	13.00
		1	50	11.80	11.83	11.88	13.00
		1	99	11.82	11.84	11.96	13.00
		50	0	11.79	11.80	11.79	13.00
		50	25	11.78	11.88	11.84	13.00
		50	50	11.81	11.90	11.88	13.00
		100	0	11.80	11.87	11.73	13.00
	64QAM	1	0	11.82	11.90	11.96	13.00
		1	50	11.81	11.96	11.90	13.00
		1	99	11.79	11.81	11.76	13.00
		50	0	11.72	11.90	11.92	13.00
		50	25	11.80	11.91	11.93	13.00
		50	50	11.78	11.78	11.76	13.00
		100	0	11.83	11.97	11.97	13.00

LTE Band 4 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.47	20.41	20.39	21.50
		1	2	20.39	20.44	20.48	21.50
		1	5	20.36	20.36	20.42	21.50
		3	0	20.48	20.43	20.38	21.50
		3	2	20.32	20.42	20.49	21.50
		3	3	20.29	20.36	20.34	21.50
		6	0	20.47	20.40	20.41	21.50
	16QAM	1	0	20.39	20.50	20.43	21.50
		1	2	20.32	20.30	20.42	21.50
		1	5	20.46	20.44	20.42	21.50
		3	0	20.38	20.42	20.45	21.50
		3	2	20.34	20.38	20.40	21.50
		3	3	20.54	20.46	20.38	21.50
		6	0	20.32	20.49	20.45	21.50
	64QAM	1	0	20.29	20.34	20.34	21.50
		1	2	20.48	20.47	20.41	21.50
		1	5	20.35	20.49	20.50	21.50
		3	0	20.31	20.38	20.39	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 298 of 960

		3	2	20.46	20.45	20.35	21.50
		3	3	20.33	20.46	20.49	21.50
		6	0	20.31	20.36	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.54	20.40	20.35	21.50
		1	7	20.35	20.46	20.51	21.50
		1	14	20.31	20.32	20.42	21.50
		8	0	20.48	20.45	20.35	21.50
		8	4	20.32	20.49	20.51	21.50
		8	7	20.30	20.30	20.38	21.50
		15	0	20.46	20.48	20.41	21.50
	16QAM	1	0	20.33	20.44	20.51	21.50
		1	7	20.35	20.33	20.35	21.50
		1	14	20.48	20.47	20.35	21.50
		8	0	20.32	20.42	20.44	21.50
		8	4	20.29	20.34	20.34	21.50
		8	7	20.49	20.44	20.36	21.50
		15	0	20.35	20.44	20.43	21.50
	64QAM	1	0	20.30	20.34	20.38	21.50
		1	7	20.51	20.40	20.35	21.50
		1	14	20.35	20.44	20.51	21.50
		8	0	20.37	20.34	20.40	21.50
		8	4	20.47	20.43	20.36	21.50
		8	7	20.37	20.44	20.47	21.50
		15	0	20.34	20.38	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.50	20.45	20.42	21.50
		1	13	20.38	20.43	20.45	21.50
		1	24	20.31	20.34	20.41	21.50
		12	0	20.53	20.42	20.41	21.50
		12	6	20.38	20.47	20.47	21.50
		12	13	20.29	20.38	20.35	21.50
		25	0	20.53	20.47	20.35	21.50
	16QAM	1	0	20.34	20.47	20.50	21.50
		1	13	20.37	20.38	20.39	21.50
		1	24	20.50	20.43	20.40	21.50
		12	0	20.33	20.49	20.45	21.50
		12	6	20.33	20.34	20.38	21.50
		12	13	20.53	20.42	20.37	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 299 of 960

		25	0	20.33	20.42	20.43	21.50
	64QAM	1	0	20.31	20.32	20.38	21.50
		1	13	20.46	20.46	20.35	21.50
		1	24	20.34	20.48	20.50	21.50
		12	0	20.30	20.37	20.37	21.50
		12	6	20.50	20.45	20.37	21.50
		12	13	20.40	20.46	20.48	21.50
		25	0	20.31	20.38	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.47	20.40	20.36	21.50
		1	25	20.39	20.47	20.43	21.50
		1	49	20.30	20.31	20.40	21.50
		25	0	20.47	20.40	20.39	21.50
		25	13	20.37	20.48	20.45	21.50
		25	25	20.36	20.34	20.39	21.50
		50	0	20.49	20.44	20.39	21.50
	16QAM	1	0	20.32	20.50	20.48	21.50
		1	25	20.36	20.32	20.41	21.50
		1	49	20.54	20.48	20.40	21.50
		25	0	20.32	20.48	20.45	21.50
		25	13	20.35	20.34	20.39	21.50
		25	25	20.48	20.42	20.36	21.50
		50	0	20.40	20.48	20.46	21.50
	64QAM	1	0	20.31	20.31	20.34	21.50
		1	25	20.54	20.43	20.39	21.50
		1	49	20.37	20.44	20.45	21.50
		25	0	20.31	20.36	20.34	21.50
		25	13	20.48	20.42	20.36	21.50
		25	25	20.32	20.50	20.49	21.50
		50	0	20.30	20.32	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.49	20.45	20.41	21.50
		1	38	20.34	20.50	20.51	21.50
		1	74	20.33	20.38	20.34	21.50
		36	0	20.52	20.41	20.36	21.50
		36	18	20.39	20.47	20.50	21.50
		36	39	20.31	20.32	20.35	21.50
		75	0	20.48	20.43	20.39	21.50
	16QAM	1	0	20.35	20.47	20.51	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 300 of 960

		1	38	20.37	20.37	20.42	21.50	
		1	74	20.46	20.42	20.34	21.50	
		36	0	20.36	20.45	20.46	21.50	
		36	18	20.29	20.32	20.40	21.50	
		36	39	20.47	20.44	20.38	21.50	
		75	0	20.34	20.43	20.45	21.50	
		64QAM	1	0	20.32	20.33	20.37	21.50
			1	38	20.50	20.45	20.38	21.50
			1	74	20.33	20.44	20.43	21.50
			36	0	20.30	20.31	20.42	21.50
			36	18	20.48	20.44	20.34	21.50
			36	39	20.40	20.46	20.51	21.50
	75	0	20.34	20.30	20.37	21.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	20.54	20.48	20.37	21.50	
		1	50	20.37	20.45	20.45	21.50	
		1	99	20.32	20.32	20.39	21.50	
		50	0	20.51	20.47	20.35	21.50	
		50	25	20.36	20.49	20.45	21.50	
		50	50	20.32	20.38	20.38	21.50	
		100	0	20.53	20.43	20.40	21.50	
	16QAM	1	0	20.32	20.46	20.44	21.50	
		1	50	20.36	20.31	20.39	21.50	
		1	99	20.53	20.42	20.40	21.50	
		50	0	20.40	20.44	20.51	21.50	
		50	25	20.35	20.34	20.41	21.50	
		50	50	20.52	20.41	20.38	21.50	
		100	0	20.37	20.46	20.43	21.50	
	64QAM	1	0	20.34	20.37	20.37	21.50	
		1	50	20.47	20.44	20.35	21.50	
		1	99	20.33	20.48	20.50	21.50	
		50	0	20.36	20.36	20.35	21.50	
		50	25	20.52	20.43	20.36	21.50	
		50	50	20.32	20.48	20.44	21.50	
		100	0	20.36	20.35	20.36	21.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 301 of 960

LTE Band 4 DSIS				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.42	17.36	17.35	18.50
		1	2	17.33	17.43	17.47	18.50
		1	5	17.34	17.35	17.37	18.50
		3	0	17.44	17.35	17.34	18.50
		3	2	17.25	17.33	17.43	18.50
		3	3	17.21	17.28	17.30	18.50
		6	0	17.38	17.31	17.38	18.50
	16QAM	1	0	17.30	17.48	17.37	18.50
		1	2	17.31	17.27	17.34	18.50
		1	5	17.43	17.40	17.35	18.50
		3	0	17.33	17.40	17.42	18.50
		3	2	17.29	17.34	17.36	18.50
		3	3	17.47	17.41	17.29	18.50
		6	0	17.29	17.45	17.44	18.50
	64QAM	1	0	17.28	17.32	17.33	18.50
		1	2	17.47	17.39	17.33	18.50
		1	5	17.31	17.45	17.45	18.50
		3	0	17.28	17.36	17.35	18.50
		3	2	17.40	17.40	17.34	18.50
		3	3	17.29	17.41	17.48	18.50
		6	0	17.30	17.27	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.53	17.37	17.30	18.50
		1	7	17.29	17.39	17.47	18.50
		1	14	17.28	17.29	17.40	18.50
		8	0	17.43	17.38	17.33	18.50
		8	4	17.24	17.47	17.49	18.50
		8	7	17.27	17.22	17.36	18.50
		15	0	17.44	17.46	17.37	18.50
	16QAM	1	0	17.32	17.39	17.43	18.50
		1	7	17.33	17.32	17.33	18.50
		1	14	17.43	17.38	17.34	18.50
		8	0	17.24	17.38	17.38	18.50
		8	4	17.24	17.33	17.31	18.50
		8	7	17.46	17.38	17.27	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 303 of 960

		1	25	17.30	17.26	17.40	18.50
		1	49	17.53	17.43	17.32	18.50
		25	0	17.24	17.46	17.40	18.50
		25	13	17.26	17.32	17.38	18.50
		25	25	17.39	17.41	17.29	18.50
		50	0	17.35	17.45	17.41	18.50
	64QAM	1	0	17.28	17.27	17.25	18.50
		1	25	17.49	17.40	17.32	18.50
		1	49	17.31	17.41	17.43	18.50
		25	0	17.24	17.27	17.30	18.50
		25	13	17.47	17.41	17.33	18.50
		25	25	17.23	17.41	17.46	18.50
		50	0	17.23	17.31	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.43	17.43	17.36	18.50
		1	38	17.31	17.42	17.43	18.50
		1	74	17.26	17.37	17.30	18.50
		36	0	17.43	17.32	17.27	18.50
		36	18	17.36	17.40	17.45	18.50
		36	39	17.29	17.29	17.31	18.50
		75	0	17.45	17.41	17.33	18.50
	16QAM	1	0	17.29	17.46	17.45	18.50
		1	38	17.36	17.31	17.35	18.50
		1	74	17.39	17.33	17.28	18.50
		36	0	17.32	17.43	17.41	18.50
		36	18	17.22	17.24	17.34	18.50
		36	39	17.38	17.41	17.33	18.50
		75	0	17.31	17.34	17.41	18.50
	64QAM	1	0	17.28	17.30	17.32	18.50
		1	38	17.41	17.38	17.32	18.50
		1	74	17.24	17.36	17.34	18.50
		36	0	17.28	17.23	17.35	18.50
		36	18	17.39	17.38	17.25	18.50
		36	39	17.37	17.40	17.48	18.50
		75	0	17.31	17.21	17.28	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.51	17.44	17.30	18.50
		1	50	17.29	17.42	17.42	18.50
		1	99	17.23	17.25	17.31	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 304 of 960

		50	0	17.49	17.42	17.27	18.50
		50	25	17.31	17.40	17.42	18.50
		50	50	17.23	17.29	17.29	18.50
		100	0	17.51	17.37	17.38	18.50
	16QAM	1	0	17.24	17.44	17.40	18.50
		1	50	17.33	17.28	17.37	18.50
		1	99	17.50	17.34	17.31	18.50
		50	0	17.39	17.42	17.49	18.50
		50	25	17.29	17.30	17.32	18.50
		50	50	17.51	17.33	17.35	18.50
		100	0	17.36	17.37	17.41	18.50
	64QAM	1	0	17.33	17.32	17.31	18.50
		1	50	17.40	17.42	17.31	18.50
		1	99	17.28	17.43	17.49	18.50
		50	0	17.32	17.34	17.27	18.50
		50	25	17.44	17.42	17.30	18.50
		50	50	17.25	17.43	17.39	18.50
		100	0	17.33	17.27	17.28	18.50

LTE Band 4 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.93	15.88	15.83	17.00
		1	2	15.85	15.91	15.90	17.00
		1	5	15.85	15.78	15.91	17.00
		3	0	15.92	15.91	15.80	17.00
		3	2	15.74	15.87	15.93	17.00
		3	3	15.76	15.82	15.77	17.00
		6	0	15.88	15.82	15.87	17.00
	16QAM	1	0	15.87	15.93	15.85	17.00
		1	2	15.74	15.78	15.83	17.00
		1	5	15.94	15.88	15.83	17.00
		3	0	15.82	15.85	15.89	17.00
		3	2	15.78	15.84	15.86	17.00
		3	3	16.00	15.90	15.79	17.00
		6	0	15.78	15.91	15.86	17.00
	64QAM	1	0	15.72	15.79	15.78	17.00
		1	2	15.97	15.91	15.86	17.00
		1	5	15.79	15.91	15.96	17.00
		3	0	15.78	15.87	15.86	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 305 of 960

		3	2	15.91	15.91	15.83	17.00
		3	3	15.77	15.90	15.92	17.00
		6	0	15.78	15.83	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.02	15.83	15.79	17.00
		1	7	15.76	15.94	15.96	17.00
		1	14	15.72	15.75	15.88	17.00
		8	0	15.94	15.93	15.83	17.00
		8	4	15.74	15.97	15.97	17.00
		8	7	15.75	15.77	15.84	17.00
		15	0	15.93	15.92	15.83	17.00
	16QAM	1	0	15.74	15.85	15.98	17.00
		1	7	15.76	15.74	15.76	17.00
		1	14	15.96	15.96	15.78	17.00
		8	0	15.75	15.83	15.93	17.00
		8	4	15.75	15.82	15.79	17.00
		8	7	15.94	15.86	15.79	17.00
		15	0	15.80	15.85	15.90	17.00
	64QAM	1	0	15.71	15.75	15.87	17.00
		1	7	15.94	15.81	15.79	17.00
		1	14	15.83	15.91	15.93	17.00
		8	0	15.81	15.75	15.86	17.00
		8	4	15.92	15.86	15.80	17.00
		8	7	15.86	15.93	15.92	17.00
		15	0	15.80	15.84	15.86	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.97	15.90	15.83	17.00
		1	13	15.82	15.92	15.90	17.00
		1	24	15.75	15.78	15.82	17.00
		12	0	15.94	15.90	15.87	17.00
		12	6	15.82	15.88	15.93	17.00
		12	13	15.78	15.87	15.77	17.00
		25	0	15.94	15.93	15.76	17.00
	16QAM	1	0	15.77	15.95	15.93	17.00
		1	13	15.85	15.83	15.87	17.00
		1	24	15.96	15.87	15.84	17.00
		12	0	15.77	15.92	15.92	17.00
		12	6	15.76	15.79	15.83	17.00
		12	13	16.00	15.84	15.83	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 306 of 960

		25	0	15.76	15.90	15.87	17.00
		1	0	15.77	15.79	15.85	17.00
		1	13	15.91	15.95	15.76	17.00
		1	24	15.79	15.95	15.92	17.00
		12	0	15.78	15.79	15.84	17.00
		12	6	15.91	15.87	15.84	17.00
		12	13	15.89	15.90	15.89	17.00
		25	0	15.77	15.80	15.89	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.92	15.82	15.77	17.00
		1	25	15.84	15.89	15.90	17.00
		1	49	15.78	15.80	15.83	17.00
		25	0	15.96	15.87	15.82	17.00
		25	13	15.78	15.89	15.89	17.00
		25	25	15.83	15.81	15.85	17.00
		50	0	15.93	15.85	15.85	17.00
	16QAM	1	0	15.75	15.95	15.90	17.00
		1	25	15.81	15.77	15.85	17.00
		1	49	16.03	15.90	15.88	17.00
		25	0	15.75	15.89	15.92	17.00
		25	13	15.78	15.75	15.81	17.00
		25	25	15.93	15.86	15.81	17.00
		50	0	15.83	15.91	15.95	17.00
	64QAM	1	0	15.76	15.74	15.77	17.00
		1	25	15.98	15.91	15.86	17.00
		1	49	15.81	15.88	15.92	17.00
		25	0	15.78	15.85	15.81	17.00
		25	13	15.92	15.89	15.80	17.00
		25	25	15.73	15.99	15.92	17.00
		50	0	15.73	15.73	15.83	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	15.95	15.90	15.84	17.00
		1	38	15.78	15.98	15.98	17.00
		1	74	15.80	15.84	15.77	17.00
		36	0	15.99	15.90	15.85	17.00
		36	18	15.82	15.89	15.96	17.00
		36	39	15.77	15.74	15.77	17.00
		75	0	15.92	15.89	15.87	17.00
	16QAM	1	0	15.78	15.89	15.92	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 307 of 960

		1	38	15.83	15.80	15.87	17.00
		1	74	15.87	15.91	15.79	17.00
		36	0	15.79	15.94	15.93	17.00
		36	18	15.75	15.78	15.87	17.00
		36	39	15.91	15.91	15.86	17.00
		75	0	15.78	15.88	15.93	17.00
		64QAM	1	0	15.79	15.77	15.80
	1		38	15.98	15.92	15.84	17.00
	1		74	15.78	15.92	15.86	17.00
	36		0	15.72	15.73	15.91	17.00
	36		18	15.89	15.85	15.80	17.00
	36		39	15.85	15.89	15.98	17.00
	75		0	15.79	15.73	15.86	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20050					20175	20300	
20MHz	QPSK	1	0	15.97	15.92	15.83	17.00
		1	50	15.81	15.92	15.90	17.00
		1	99	15.73	15.76	15.84	17.00
		50	0	15.99	15.89	15.83	17.00
		50	25	15.77	15.94	15.92	17.00
		50	50	15.73	15.87	15.80	17.00
		100	0	15.96	15.86	15.82	17.00
	16QAM	1	0	15.80	15.88	15.86	17.00
		1	50	15.77	15.72	15.80	17.00
		1	99	15.96	15.89	15.86	17.00
		50	0	15.86	15.90	16.00	17.00
		50	25	15.79	15.82	15.89	17.00
		50	50	15.94	15.89	15.79	17.00
		100	0	15.86	15.88	15.92	17.00
	64QAM	1	0	15.76	15.80	15.86	17.00
		1	50	15.91	15.93	15.83	17.00
		1	99	15.78	15.90	15.95	17.00
		50	0	15.77	15.80	15.81	17.00
		50	25	15.96	15.90	15.77	17.00
		50	50	15.80	15.89	15.92	17.00
		100	0	15.78	15.77	15.79	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 308 of 960

LTE Band 4 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.93	14.87	14.81	16.00
		1	2	14.86	14.89	14.95	16.00
		1	5	14.81	14.78	14.89	16.00
		3	0	14.95	14.90	14.81	16.00
		3	2	14.74	14.83	14.94	16.00
		3	3	14.71	14.84	14.83	16.00
		6	0	14.94	14.88	14.89	16.00
	16QAM	1	0	14.81	14.96	14.89	16.00
		1	2	14.80	14.78	14.83	16.00
		1	5	14.94	14.93	14.90	16.00
		3	0	14.81	14.88	14.86	16.00
		3	2	14.77	14.85	14.86	16.00
		3	3	14.96	14.95	14.81	16.00
		6	0	14.77	14.95	14.92	16.00
	64QAM	1	0	14.78	14.80	14.79	16.00
		1	2	14.91	14.94	14.83	16.00
		1	5	14.79	14.95	14.95	16.00
		3	0	14.75	14.79	14.80	16.00
		3	2	14.89	14.88	14.82	16.00
		3	3	14.75	14.94	14.90	16.00
		6	0	14.73	14.80	14.81	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.01	14.88	14.84	16.00
		1	7	14.79	14.93	14.99	16.00
		1	14	14.72	14.77	14.86	16.00
		8	0	14.89	14.89	14.77	16.00
		8	4	14.76	14.93	14.92	16.00
		8	7	14.79	14.77	14.80	16.00
		15	0	14.92	14.93	14.90	16.00
	16QAM	1	0	14.79	14.88	14.96	16.00
		1	7	14.82	14.82	14.77	16.00
		1	14	14.90	14.92	14.84	16.00
		8	0	14.76	14.89	14.87	16.00
		8	4	14.71	14.76	14.82	16.00
		8	7	14.91	14.88	14.81	16.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 310 of 960

		1	25	14.81	14.80	14.85	16.00
		1	49	15.03	14.90	14.86	16.00
		25	0	14.80	14.93	14.91	16.00
		25	13	14.84	14.78	14.86	16.00
		25	25	14.93	14.88	14.78	16.00
		50	0	14.86	14.93	14.89	16.00
	64QAM	1	0	14.74	14.76	14.82	16.00
		1	25	14.98	14.84	14.86	16.00
		1	49	14.82	14.93	14.86	16.00
		25	0	14.75	14.78	14.78	16.00
		25	13	14.95	14.87	14.84	16.00
		25	25	14.81	14.95	14.92	16.00
		50	0	14.76	14.77	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.92	14.86	14.90	16.00
		1	38	14.80	14.95	14.95	16.00
		1	74	14.80	14.79	14.76	16.00
		36	0	14.96	14.89	14.85	16.00
		36	18	14.87	14.96	14.97	16.00
		36	39	14.73	14.77	14.77	16.00
		75	0	14.89	14.90	14.83	16.00
	16QAM	1	0	14.77	14.96	14.92	16.00
		1	38	14.80	14.83	14.90	16.00
		1	74	14.95	14.84	14.79	16.00
		36	0	14.84	14.87	14.89	16.00
		36	18	14.70	14.80	14.87	16.00
		36	39	14.96	14.86	14.83	16.00
		75	0	14.83	14.92	14.90	16.00
	64QAM	1	0	14.77	14.81	14.78	16.00
		1	38	14.97	14.88	14.80	16.00
		1	74	14.79	14.91	14.86	16.00
		36	0	14.79	14.76	14.89	16.00
		36	18	14.97	14.92	14.83	16.00
		36	39	14.85	14.92	14.96	16.00
		75	0	14.78	14.73	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	14.97	14.89	14.84	16.00
		1	50	14.80	14.87	14.93	16.00
		1	99	14.75	14.81	14.87	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 311 of 960

		50	0	15.00	14.95	14.76	16.00
		50	25	14.78	14.98	14.91	16.00
		50	50	14.76	14.84	14.81	16.00
		100	0	15.02	14.86	14.84	16.00
	16QAM	1	0	14.73	14.87	14.89	16.00
		1	50	14.84	14.78	14.80	16.00
		1	99	14.96	14.85	14.89	16.00
		50	0	14.89	14.89	14.96	16.00
		50	25	14.78	14.79	14.87	16.00
		50	50	14.98	14.85	14.79	16.00
		100	0	14.86	14.95	14.89	16.00
	64QAM	1	0	14.75	14.83	14.80	16.00
		1	50	14.88	14.90	14.79	16.00
		1	99	14.75	14.91	14.95	16.00
		50	0	14.84	14.82	14.81	16.00
		50	25	14.94	14.86	14.80	16.00
		50	50	14.75	14.92	14.87	16.00
		100	0	14.81	14.76	14.78	16.00

LTE Band 4 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	13.43	13.34	13.38	14.50
		1	2	13.36	13.38	13.40	14.50
		1	5	13.35	13.33	13.34	14.50
		3	0	13.46	13.42	13.37	14.50
		3	2	13.27	13.35	13.45	14.50
		3	3	13.27	13.32	13.30	14.50
		6	0	13.42	13.34	13.36	14.50
	16QAM	1	0	13.36	13.42	13.34	14.50
		1	2	13.27	13.24	13.39	14.50
		1	5	13.44	13.39	13.38	14.50
		3	0	13.32	13.37	13.42	14.50
		3	2	13.27	13.29	13.38	14.50
		3	3	13.53	13.44	13.34	14.50
		6	0	13.24	13.42	13.36	14.50
	64QAM	1	0	13.22	13.31	13.27	14.50
		1	2	13.45	13.43	13.33	14.50
		1	5	13.34	13.42	13.49	14.50
		3	0	13.26	13.33	13.31	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 312 of 960

		3	2	13.42	13.43	13.32	14.50
		3	3	13.28	13.37	13.42	14.50
		6	0	13.25	13.33	13.35	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	13.53	13.39	13.32	14.50
		1	7	13.33	13.37	13.44	14.50
		1	14	13.23	13.30	13.34	14.50
		8	0	13.45	13.40	13.32	14.50
		8	4	13.23	13.43	13.44	14.50
		8	7	13.25	13.28	13.35	14.50
		15	0	13.42	13.44	13.37	14.50
	16QAM	1	0	13.32	13.37	13.50	14.50
		1	7	13.29	13.25	13.27	14.50
		1	14	13.44	13.39	13.30	14.50
		8	0	13.23	13.41	13.37	14.50
		8	4	13.28	13.32	13.29	14.50
		8	7	13.48	13.40	13.28	14.50
		15	0	13.31	13.42	13.35	14.50
	64QAM	1	0	13.28	13.26	13.32	14.50
		1	7	13.42	13.34	13.30	14.50
		1	14	13.33	13.41	13.42	14.50
		8	0	13.29	13.29	13.38	14.50
		8	4	13.46	13.38	13.33	14.50
		8	7	13.28	13.38	13.39	14.50
		15	0	13.33	13.34	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	13.47	13.37	13.40	14.50
		1	13	13.31	13.40	13.41	14.50
		1	24	13.25	13.26	13.33	14.50
		12	0	13.47	13.33	13.34	14.50
		12	6	13.30	13.38	13.39	14.50
		12	13	13.24	13.34	13.28	14.50
		25	0	13.47	13.39	13.29	14.50
	16QAM	1	0	13.27	13.40	13.47	14.50
		1	13	13.34	13.33	13.31	14.50
		1	24	13.47	13.38	13.36	14.50
		12	0	13.27	13.40	13.36	14.50
		12	6	13.28	13.32	13.33	14.50
		12	13	13.48	13.39	13.32	14.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 313 of 960

		25	0	13.24	13.33	13.41	14.50
		1	0	13.29	13.31	13.33	14.50
		1	13	13.43	13.39	13.26	14.50
		1	24	13.30	13.45	13.45	14.50
		12	0	13.27	13.33	13.28	14.50
		12	6	13.41	13.39	13.29	14.50
		12	13	13.37	13.45	13.46	14.50
		25	0	13.28	13.30	13.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
		1	0	13.40	13.36	13.34	14.50
		1	25	13.31	13.42	13.34	14.50
		1	49	13.26	13.23	13.32	14.50
		25	0	13.41	13.33	13.35	14.50
		25	13	13.34	13.47	13.36	14.50
		25	25	13.33	13.26	13.32	14.50
		50	0	13.45	13.35	13.30	14.50
		1	0	13.30	13.44	13.39	14.50
		1	25	13.34	13.25	13.36	14.50
		1	49	13.52	13.39	13.37	14.50
		25	0	13.28	13.42	13.36	14.50
		25	13	13.34	13.25	13.32	14.50
		25	25	13.39	13.39	13.34	14.50
		50	0	13.34	13.45	13.38	14.50
		1	0	13.28	13.28	13.29	14.50
		1	25	13.49	13.42	13.38	14.50
		1	49	13.33	13.35	13.44	14.50
		25	0	13.27	13.31	13.32	14.50
		25	13	13.45	13.39	13.33	14.50
		25	25	13.31	13.44	13.44	14.50
		50	0	13.27	13.25	13.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
		1	0	13.46	13.37	13.36	14.50
		1	38	13.25	13.42	13.45	14.50
		1	74	13.28	13.33	13.26	14.50
		36	0	13.50	13.40	13.28	14.50
		36	18	13.34	13.45	13.49	14.50
		36	39	13.28	13.27	13.27	14.50
		75	0	13.39	13.40	13.35	14.50
		1	0	13.33	13.42	13.46	14.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 314 of 960

		1	38	13.36	13.35	13.35	14.50
		1	74	13.40	13.38	13.25	14.50
		36	0	13.33	13.40	13.37	14.50
		36	18	13.25	13.25	13.31	14.50
		36	39	13.44	13.39	13.37	14.50
		75	0	13.28	13.41	13.36	14.50
	64QAM	1	0	13.29	13.27	13.31	14.50
		1	38	13.47	13.43	13.35	14.50
		1	74	13.26	13.42	13.39	14.50
		36	0	13.24	13.29	13.40	14.50
		36	18	13.44	13.41	13.26	14.50
		36	39	13.39	13.45	13.42	14.50
		75	0	13.28	13.27	13.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	13.52	13.40	13.35	14.50
		1	50	13.32	13.39	13.42	14.50
		1	99	13.29	13.26	13.38	14.50
		50	0	13.42	13.38	13.28	14.50
		50	25	13.27	13.46	13.42	14.50
		50	50	13.25	13.30	13.30	14.50
	16QAM	100	0	13.51	13.36	13.33	14.50
		1	0	13.30	13.45	13.35	14.50
		1	50	13.30	13.26	13.35	14.50
		1	99	13.51	13.39	13.38	14.50
		50	0	13.33	13.35	13.48	14.50
		50	25	13.31	13.26	13.35	14.50
	64QAM	50	50	13.45	13.37	13.30	14.50
		100	0	13.33	13.39	13.41	14.50
		1	0	13.33	13.29	13.30	14.50
		1	50	13.43	13.42	13.31	14.50
		1	99	13.26	13.45	13.44	14.50
		50	0	13.35	13.27	13.28	14.50
	64QAM	50	25	13.47	13.36	13.28	14.50
		50	50	13.23	13.44	13.41	14.50
		100	0	13.32	13.33	13.34	14.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 315 of 960

LTE Band 5 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.82	20.67	20.70	21.50
		1	2	20.64	20.58	20.67	21.50
		1	5	20.63	20.65	20.72	21.50
		3	0	20.76	20.71	20.71	21.50
		3	2	20.63	20.61	20.62	21.50
		3	3	20.64	20.63	20.69	21.50
		6	0	20.83	20.67	20.70	21.50
	16QAM	1	0	20.66	20.63	20.66	21.50
		1	2	20.61	20.67	20.69	21.50
		1	5	20.83	20.70	20.77	21.50
		3	0	20.60	20.61	20.64	21.50
		3	2	20.60	20.68	20.67	21.50
		3	3	20.80	20.75	20.75	21.50
		6	0	20.60	20.62	20.66	21.50
	64QAM	1	0	20.60	20.71	20.72	21.50
		1	2	20.79	20.70	20.70	21.50
		1	5	20.62	20.58	20.70	21.50
		3	0	20.63	20.68	20.74	21.50
		3	2	20.78	20.71	20.76	21.50
		3	3	20.62	20.59	20.70	21.50
		6	0	20.65	20.70	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.77	20.73	20.75	21.50
		1	7	20.60	20.57	20.70	21.50
		1	14	20.65	20.67	20.67	21.50
		8	0	20.81	20.75	20.78	21.50
		8	4	20.62	20.61	20.67	21.50
		8	7	20.66	20.65	20.68	21.50
		15	0	20.76	20.71	20.71	21.50
	16QAM	1	0	20.62	20.64	20.67	21.50
		1	7	20.67	20.65	20.72	21.50
		1	14	20.80	20.72	20.75	21.50
		8	0	20.62	20.63	20.64	21.50
		8	4	20.67	20.67	20.74	21.50
8		7	20.78	20.74	20.77	21.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 317 of 960

		1	25	20.62	20.65	20.74	21.50
		1	49	20.76	20.67	20.70	21.50
		25	0	20.65	20.62	20.68	21.50
		25	13	20.66	20.67	20.71	21.50
		25	25	20.80	20.75	20.72	21.50
		50	0	20.63	20.64	20.63	21.50
	64QAM	1	0	20.66	20.64	20.72	21.50
		1	25	20.81	20.68	20.72	21.50
		1	49	20.60	20.64	20.62	21.50
		25	0	20.66	20.63	20.69	21.50
		25	13	20.83	20.75	20.73	21.50
		25	25	20.64	20.57	20.64	21.50
		50	0	20.64	20.70	20.67	21.50

LTE Band 5 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.39	19.21	19.26	20.00
		1	2	19.20	19.14	19.18	20.00
		1	5	19.20	19.24	19.31	20.00
		3	0	19.27	19.22	19.23	20.00
		3	2	19.16	19.17	19.19	20.00
		3	3	19.18	19.15	19.27	20.00
		6	0	19.39	19.23	19.21	20.00
	16QAM	1	0	19.18	19.17	19.17	20.00
		1	2	19.18	19.23	19.27	20.00
		1	5	19.36	19.21	19.34	20.00
		3	0	19.12	19.18	19.18	20.00
		3	2	19.15	19.20	19.24	20.00
		3	3	19.34	19.26	19.26	20.00
		6	0	19.19	19.21	19.24	20.00
	64QAM	1	0	19.11	19.25	19.24	20.00
		1	2	19.33	19.27	19.28	20.00
		1	5	19.15	19.11	19.25	20.00
		3	0	19.16	19.25	19.32	20.00
		3	2	19.31	19.29	19.31	20.00
		3	3	19.13	19.15	19.23	20.00
		6	0	19.18	19.28	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 319 of 960

		12	6	19.30	19.27	19.29	20.00
		12	13	19.20	19.16	19.23	20.00
		25	0	19.18	19.24	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.36	19.28	19.29	20.00
		1	25	19.15	19.17	19.17	20.00
		1	49	19.18	19.19	19.30	20.00
		25	0	19.31	19.25	19.29	20.00
		25	13	19.15	19.11	19.20	20.00
		25	25	19.18	19.26	19.24	20.00
		50	0	19.32	19.26	19.30	20.00
	16QAM	1	0	19.15	19.13	19.20	20.00
		1	25	19.16	19.21	19.31	20.00
		1	49	19.27	19.24	19.26	20.00
		25	0	19.20	19.14	19.23	20.00
		25	13	19.17	19.23	19.28	20.00
		25	25	19.34	19.32	19.23	20.00
		50	0	19.17	19.15	19.21	20.00
	64QAM	1	0	19.17	19.23	19.29	20.00
		1	25	19.37	19.19	19.30	20.00
		1	49	19.15	19.23	19.15	20.00
		25	0	19.22	19.17	19.22	20.00
		25	13	19.34	19.27	19.24	20.00
		25	25	19.18	19.14	19.20	20.00
		50	0	19.21	19.23	19.26	20.00

LTE Band 5 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	18.36	18.24	18.21	19.00
		1	2	18.15	18.15	18.18	19.00
		1	5	18.16	18.17	18.29	19.00
		3	0	18.29	18.23	18.30	19.00
		3	2	18.19	18.13	18.20	19.00
		3	3	18.19	18.17	18.22	19.00
		6	0	18.39	18.19	18.28	19.00
	16QAM	1	0	18.18	18.16	18.20	19.00
		1	2	18.17	18.21	18.26	19.00
		1	5	18.34	18.28	18.32	19.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 320 of 960

		3	0	18.13	18.17	18.22	19.00
		3	2	18.16	18.26	18.24	19.00
		3	3	18.38	18.29	18.28	19.00
		6	0	18.12	18.15	18.23	19.00
	64QAM	1	0	18.18	18.30	18.31	19.00
		1	2	18.33	18.26	18.29	19.00
		1	5	18.15	18.15	18.26	19.00
		3	0	18.14	18.22	18.31	19.00
		3	2	18.31	18.28	18.27	19.00
		3	3	18.18	18.13	18.21	19.00
		6	0	18.17	18.24	18.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	18.28	18.31	18.34	19.00
		1	7	18.12	18.08	18.23	19.00
		1	14	18.16	18.25	18.23	19.00
		8	0	18.39	18.27	18.37	19.00
		8	4	18.19	18.16	18.21	19.00
		8	7	18.25	18.20	18.19	19.00
		15	0	18.31	18.23	18.27	19.00
	16QAM	1	0	18.20	18.17	18.25	19.00
		1	7	18.23	18.18	18.30	19.00
		1	14	18.33	18.27	18.32	19.00
		8	0	18.14	18.14	18.18	19.00
		8	4	18.25	18.19	18.31	19.00
		8	7	18.31	18.26	18.34	19.00
		15	0	18.25	18.15	18.23	19.00
	64QAM	1	0	18.25	18.20	18.23	19.00
		1	7	18.38	18.25	18.30	19.00
		1	14	18.22	18.17	18.23	19.00
		8	0	18.16	18.18	18.24	19.00
		8	4	18.32	18.31	18.37	19.00
		8	7	18.25	18.16	18.18	19.00
		15	0	18.15	18.23	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	18.31	18.28	18.30	19.00
		1	13	18.17	18.15	18.28	19.00
		1	24	18.19	18.19	18.24	19.00
		12	0	18.38	18.25	18.34	19.00
		12	6	18.21	18.13	18.24	19.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 321 of 960

		12	13	18.25	18.22	18.26	19.00
		25	0	18.31	18.25	18.31	19.00
	16QAM	1	0	18.13	18.14	18.16	19.00
		1	13	18.25	18.21	18.26	19.00
		1	24	18.33	18.24	18.22	19.00
		12	0	18.12	18.17	18.15	19.00
		12	6	18.15	18.25	18.25	19.00
		12	13	18.31	18.25	18.32	19.00
		25	0	18.26	18.20	18.26	19.00
		25	0	18.21	18.23	18.24	19.00
	64QAM	1	0	18.15	18.20	18.25	19.00
		1	13	18.35	18.25	18.27	19.00
		1	24	18.13	18.08	18.26	19.00
		12	0	18.14	18.30	18.19	19.00
		12	6	18.32	18.30	18.30	19.00
		12	13	18.15	18.14	18.16	19.00
		25	0	18.21	18.23	18.24	19.00
		25	0	18.21	18.23	18.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	18.35	18.33	18.32	19.00
		1	25	18.18	18.14	18.15	19.00
		1	49	18.20	18.23	18.27	19.00
		25	0	18.30	18.22	18.29	19.00
		25	13	18.18	18.11	18.20	19.00
		25	25	18.15	18.27	18.24	19.00
		50	0	18.34	18.22	18.30	19.00
	16QAM	1	0	18.13	18.12	18.25	19.00
		1	25	18.21	18.18	18.27	19.00
		1	49	18.32	18.22	18.21	19.00
		25	0	18.20	18.17	18.22	19.00
		25	13	18.17	18.21	18.26	19.00
		25	25	18.37	18.32	18.24	19.00
		50	0	18.18	18.23	18.21	19.00
	64QAM	1	0	18.20	18.23	18.30	19.00
		1	25	18.37	18.21	18.29	19.00
		1	49	18.11	18.19	18.20	19.00
		25	0	18.23	18.17	18.22	19.00
		25	13	18.37	18.33	18.25	19.00
		25	25	18.15	18.14	18.15	19.00
		50	0	18.22	18.29	18.20	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 322 of 960

LTE Band 7 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.40	20.24	20.38	21.20
		1	13	20.37	20.43	20.35	21.20
		1	24	20.47	20.23	20.40	21.20
		12	0	20.36	20.28	20.35	21.20
		12	6	20.37	20.44	20.31	21.20
		12	13	20.42	20.25	20.36	21.20
		25	0	20.33	20.26	20.39	21.20
	16QAM	1	0	20.33	20.43	20.32	21.20
		1	13	20.43	20.27	20.42	21.20
		1	24	20.41	20.25	20.37	21.20
		12	0	20.38	20.39	20.37	21.20
		12	6	20.48	20.29	20.43	21.20
		12	13	20.41	20.31	20.34	21.20
		25	0	20.34	20.37	20.34	21.20
	64QAM	1	0	20.46	20.25	20.37	21.20
		1	13	20.37	20.30	20.35	21.20
		1	24	20.41	20.44	20.34	21.20
		12	0	20.45	20.28	20.42	21.20
		12	6	20.41	20.43	20.31	21.20
		12	13	20.44	20.28	20.37	21.20
		25	0	20.43	20.30	20.34	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.39	20.25	20.36	21.20
		1	25	20.41	20.40	20.35	21.20
		1	49	20.41	20.31	20.40	21.20
		25	0	20.35	20.31	20.36	21.20
		25	13	20.36	20.42	20.34	21.20
		25	25	20.48	20.30	20.39	21.20
		50	0	20.39	20.24	20.39	21.20
	16QAM	1	0	20.39	20.43	20.32	21.20
		1	25	20.46	20.31	20.37	21.20
		1	49	20.40	20.31	20.40	21.20
		25	0	20.36	20.44	20.35	21.20
		25	13	20.43	20.31	20.41	21.20
25		25	20.38	20.25	20.35	21.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 325 of 960

10MHz	QPSK	1	0	15.38	15.16	15.27	16.20
		1	25	15.32	15.31	15.29	16.20
		1	49	15.40	15.28	15.32	16.20
		25	0	15.32	15.27	15.34	16.20
		25	13	15.28	15.40	15.32	16.20
		25	25	15.46	15.22	15.35	16.20
		50	0	15.34	15.23	15.34	16.20
	16QAM	1	0	15.31	15.36	15.26	16.20
		1	25	15.41	15.30	15.31	16.20
		1	49	15.36	15.27	15.34	16.20
		25	0	15.28	15.37	15.31	16.20
		25	13	15.39	15.30	15.37	16.20
		25	25	15.32	15.16	15.32	16.20
		50	0	15.37	15.34	15.33	16.20
	64QAM	1	0	15.40	15.24	15.39	16.20
		1	25	15.34	15.22	15.28	16.20
		1	49	15.30	15.37	15.31	16.20
		25	0	15.42	15.25	15.28	16.20
		25	13	15.36	15.35	15.28	16.20
		25	25	15.37	15.21	15.30	16.20
		50	0	15.37	15.31	15.39	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.30	15.21	15.29	16.20
		1	38	15.35	15.39	15.30	16.20
		1	74	15.40	15.26	15.39	16.20
		36	0	15.40	15.29	15.30	16.20
		36	18	15.33	15.36	15.24	16.20
		36	39	15.46	15.20	15.34	16.20
		75	0	15.35	15.28	15.31	16.20
	16QAM	1	0	15.36	15.28	15.29	16.20
		1	38	15.40	15.27	15.34	16.20
		1	74	15.32	15.19	15.33	16.20
		36	0	15.29	15.36	15.34	16.20
		36	18	15.42	15.21	15.36	16.20
		36	39	15.40	15.26	15.30	16.20
		75	0	15.34	15.31	15.33	16.20
	64QAM	1	0	15.32	15.25	15.32	16.20
		1	38	15.31	15.23	15.33	16.20
		1	74	15.33	15.36	15.26	16.20
		36	0	15.42	15.21	15.28	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 326 of 960

		36	18	15.37	15.34	15.23	16.20
		36	39	15.43	15.23	15.32	16.20
		75	0	15.34	15.28	15.36	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.35	15.19	15.35	16.20
		1	50	15.31	15.41	15.30	16.20
		1	99	15.35	15.23	15.38	16.20
		50	0	15.29	15.18	15.30	16.20
		50	25	15.32	15.31	15.27	16.20
		50	50	15.36	15.21	15.29	16.20
		100	0	15.25	15.18	15.29	16.20
	16QAM	1	0	15.28	15.31	15.28	16.20
		1	50	15.42	15.19	15.30	16.20
		1	99	15.32	15.19	15.27	16.20
		50	0	15.31	15.32	15.26	16.20
		50	25	15.37	15.22	15.34	16.20
		50	50	15.35	15.22	15.31	16.20
		100	0	15.28	15.32	15.34	16.20
	64QAM	1	0	15.41	15.23	15.30	16.20
		1	50	15.33	15.29	15.34	16.20
		1	99	15.32	15.34	15.26	16.20
		50	0	15.42	15.28	15.30	16.20
		50	25	15.36	15.36	15.35	16.20
		50	50	15.34	15.24	15.37	16.20
		100	0	15.39	15.24	15.35	16.20

LTE Band 7 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.34	14.21	14.33	15.20
		1	13	14.34	14.34	14.32	15.20
		1	24	14.43	14.15	14.33	15.20
		12	0	14.30	14.19	14.31	15.20
		12	6	14.29	14.39	14.23	15.20
		12	13	14.41	14.16	14.35	15.20
		25	0	14.25	14.20	14.33	15.20
	16QAM	1	0	14.27	14.34	14.28	15.20
		1	13	14.38	14.24	14.33	15.20
		1	24	14.35	14.18	14.36	15.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 327 of 960

		12	0	14.35	14.34	14.30	15.20
		12	6	14.46	14.21	14.39	15.20
		12	13	14.38	14.28	14.31	15.20
		25	0	14.29	14.36	14.28	15.20
	64QAM	1	0	14.37	14.21	14.33	15.20
		1	13	14.28	14.26	14.33	15.20
		1	24	14.33	14.37	14.32	15.20
		12	0	14.38	14.19	14.33	15.20
		12	6	14.40	14.34	14.27	15.20
		12	13	14.40	14.25	14.33	15.20
		25	0	14.41	14.28	14.28	15.20
		25	0	14.41	14.28	14.28	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.36	14.21	14.27	15.20
		1	25	14.33	14.31	14.28	15.20
		1	49	14.34	14.25	14.34	15.20
		25	0	14.33	14.29	14.30	15.20
		25	13	14.29	14.41	14.29	15.20
		25	25	14.40	14.27	14.31	15.20
		50	0	14.31	14.16	14.36	15.20
	16QAM	1	0	14.34	14.35	14.31	15.20
		1	25	14.37	14.30	14.33	15.20
		1	49	14.31	14.30	14.34	15.20
		25	0	14.35	14.42	14.26	15.20
		25	13	14.38	14.28	14.38	15.20
		25	25	14.32	14.19	14.29	15.20
		50	0	14.33	14.34	14.30	15.20
	64QAM	1	0	14.39	14.21	14.39	15.20
		1	25	14.35	14.18	14.26	15.20
		1	49	14.25	14.35	14.24	15.20
		25	0	14.44	14.20	14.29	15.20
		25	13	14.36	14.33	14.28	15.20
		25	25	14.39	14.17	14.33	15.20
		50	0	14.34	14.29	14.39	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.29	14.21	14.31	15.20
		1	38	14.30	14.39	14.28	15.20
		1	74	14.41	14.24	14.39	15.20
		36	0	14.36	14.26	14.35	15.20
		36	18	14.27	14.37	14.21	15.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 328 of 960

		36	39	14.45	14.25	14.35	15.20
		75	0	14.35	14.23	14.30	15.20
	16QAM	1	0	14.33	14.34	14.29	15.20
		1	38	14.39	14.25	14.35	15.20
		1	74	14.29	14.18	14.27	15.20
		36	0	14.27	14.37	14.28	15.20
		36	18	14.47	14.21	14.31	15.20
		36	39	14.36	14.20	14.38	15.20
		75	0	14.28	14.33	14.33	15.20
		1	0	14.35	14.21	14.34	15.20
	64QAM	1	38	14.34	14.16	14.30	15.20
		1	74	14.34	14.34	14.24	15.20
		36	0	14.47	14.23	14.33	15.20
		36	18	14.39	14.30	14.25	15.20
		36	39	14.40	14.29	14.33	15.20
		75	0	14.41	14.22	14.35	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.35	14.22	14.27	15.20
		1	50	14.35	14.36	14.29	15.20
		1	99	14.36	14.20	14.39	15.20
		50	0	14.33	14.18	14.33	15.20
		50	25	14.24	14.36	14.20	15.20
		50	50	14.33	14.27	14.31	15.20
		100	0	14.25	14.18	14.31	15.20
	16QAM	1	0	14.25	14.37	14.35	15.20
		1	50	14.40	14.19	14.34	15.20
		1	99	14.30	14.19	14.24	15.20
		50	0	14.35	14.36	14.26	15.20
		50	25	14.39	14.26	14.32	15.20
		50	50	14.34	14.25	14.26	15.20
		100	0	14.26	14.38	14.34	15.20
	64QAM	1	0	14.38	14.24	14.31	15.20
		1	50	14.33	14.28	14.33	15.20
		1	99	14.39	14.34	14.31	15.20
		50	0	14.40	14.26	14.31	15.20
		50	25	14.36	14.39	14.35	15.20
		50	50	14.39	14.25	14.38	15.20
		100	0	14.40	14.25	14.30	15.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 329 of 960

LTE Band 7 DSI8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.85	13.73	13.86	14.70
		1	13	13.86	13.89	13.82	14.70
		1	24	13.90	13.68	13.83	14.70
		12	0	13.81	13.74	13.83	14.70
		12	6	13.78	13.89	13.76	14.70
		12	13	13.85	13.66	13.82	14.70
	16QAM	25	0	13.79	13.67	13.84	14.70
		1	0	13.74	13.91	13.80	14.70
		1	13	13.87	13.69	13.90	14.70
		1	24	13.85	13.74	13.82	14.70
		12	0	13.86	13.85	13.82	14.70
		12	6	13.91	13.76	13.90	14.70
		12	13	13.85	13.80	13.77	14.70
		25	0	13.83	13.85	13.78	14.70
	64QAM	1	0	13.89	13.72	13.83	14.70
		1	13	13.78	13.73	13.84	14.70
		1	24	13.85	13.93	13.80	14.70
		12	0	13.93	13.77	13.89	14.70
		12	6	13.85	13.91	13.72	14.70
		12	13	13.85	13.70	13.82	14.70
		25	0	13.92	13.71	13.77	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	13.81	13.66	13.77	14.70
		1	25	13.85	13.87	13.79	14.70
		1	49	13.88	13.79	13.86	14.70
		25	0	13.76	13.76	13.83	14.70
		25	13	13.82	13.90	13.78	14.70
		25	25	13.92	13.72	13.83	14.70
	16QAM	50	0	13.85	13.67	13.84	14.70
		1	0	13.85	13.91	13.73	14.70
		1	25	13.87	13.76	13.82	14.70
		1	49	13.83	13.75	13.84	14.70
		25	0	13.77	13.88	13.79	14.70
		25	13	13.87	13.77	13.85	14.70
		25	25	13.80	13.67	13.83	14.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 330 of 960

		50	0	13.89	13.81	13.80	14.70
		1	0	13.88	13.68	13.90	14.70
		1	25	13.85	13.73	13.79	14.70
		1	49	13.79	13.88	13.77	14.70
		25	0	13.90	13.77	13.81	14.70
		25	13	13.86	13.83	13.76	14.70
		25	25	13.92	13.72	13.86	14.70
		50	0	13.90	13.76	13.89	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
		1	0	13.84	13.78	13.83	14.70
		1	38	13.85	13.87	13.85	14.70
		1	74	13.89	13.75	13.87	14.70
		36	0	13.82	13.72	13.84	14.70
		36	18	13.76	13.84	13.70	14.70
		36	39	13.94	13.70	13.83	14.70
		75	0	13.81	13.75	13.87	14.70
		1	0	13.87	13.84	13.80	14.70
		1	38	13.86	13.72	13.86	14.70
		1	74	13.79	13.72	13.77	14.70
		36	0	13.82	13.93	13.85	14.70
		36	18	13.94	13.74	13.85	14.70
		36	39	13.86	13.69	13.88	14.70
		75	0	13.84	13.82	13.83	14.70
		1	0	13.84	13.71	13.85	14.70
		1	38	13.84	13.67	13.79	14.70
		1	74	13.79	13.84	13.75	14.70
		36	0	13.92	13.70	13.84	14.70
		36	18	13.87	13.84	13.77	14.70
		36	39	13.87	13.74	13.81	14.70
		75	0	13.87	13.74	13.85	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
		1	0	13.86	13.69	13.79	14.70
		1	50	13.85	13.86	13.76	14.70
		1	99	13.89	13.72	13.85	14.70
		50	0	13.82	13.70	13.80	14.70
		50	25	13.75	13.89	13.71	14.70
		50	50	13.85	13.72	13.80	14.70
		100	0	13.83	13.71	13.81	14.70
	16QAM	1	0	13.76	13.81	13.80	14.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 332 of 960

10MHz	QPSK	1	0	12.81	12.67	12.80	13.70
		1	25	12.84	12.82	12.83	13.70
		1	49	12.90	12.78	12.87	13.70
		25	0	12.80	12.78	12.83	13.70
		25	13	12.83	12.90	12.79	13.70
		25	25	12.90	12.79	12.82	13.70
		50	0	12.84	12.70	12.85	13.70
	16QAM	1	0	12.81	12.84	12.80	13.70
		1	25	12.88	12.73	12.80	13.70
		1	49	12.88	12.77	12.86	13.70
		25	0	12.80	12.88	12.79	13.70
		25	13	12.89	12.74	12.84	13.70
		25	25	12.80	12.74	12.82	13.70
		50	0	12.83	12.83	12.84	13.70
	64QAM	1	0	12.94	12.73	12.88	13.70
		1	25	12.86	12.72	12.84	13.70
		1	49	12.76	12.88	12.74	13.70
		25	0	12.95	12.70	12.83	13.70
		25	13	12.83	12.84	12.77	13.70
		25	25	12.92	12.68	12.82	13.70
		50	0	12.88	12.81	12.90	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	12.77	12.73	12.81	13.70
		1	38	12.82	12.87	12.83	13.70
		1	74	12.87	12.73	12.83	13.70
		36	0	12.87	12.78	12.77	13.70
		36	18	12.79	12.86	12.71	13.70
		36	39	12.91	12.71	12.79	13.70
		75	0	12.80	12.80	12.87	13.70
	16QAM	1	0	12.85	12.79	12.78	13.70
		1	38	12.92	12.78	12.83	13.70
		1	74	12.83	12.69	12.82	13.70
		36	0	12.81	12.90	12.82	13.70
		36	18	12.90	12.69	12.85	13.70
		36	39	12.82	12.74	12.81	13.70
		75	0	12.78	12.85	12.78	13.70
	64QAM	1	0	12.82	12.75	12.82	13.70
		1	38	12.85	12.70	12.81	13.70
		1	74	12.85	12.84	12.74	13.70
		36	0	12.95	12.68	12.84	13.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 333 of 960

		36	18	12.84	12.83	12.74	13.70
		36	39	12.90	12.76	12.86	13.70
		75	0	12.86	12.80	12.91	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	12.83	12.68	12.80	13.70
		1	50	12.82	12.85	12.78	13.70
		1	99	12.87	12.70	12.83	13.70
		50	0	12.79	12.66	12.83	13.70
		50	25	12.82	12.84	12.73	13.70
		50	50	12.83	12.75	12.85	13.70
		100	0	12.81	12.75	12.79	13.70
	16QAM	1	0	12.80	12.87	12.80	13.70
		1	50	12.87	12.71	12.87	13.70
		1	99	12.80	12.69	12.80	13.70
		50	0	12.86	12.85	12.78	13.70
		50	25	12.83	12.79	12.83	13.70
		50	50	12.83	12.74	12.79	13.70
		100	0	12.80	12.82	12.82	13.70
	64QAM	1	0	12.88	12.71	12.77	13.70
		1	50	12.82	12.71	12.82	13.70
		1	99	12.85	12.81	12.83	13.70
		50	0	12.90	12.71	12.86	13.70
		50	25	12.79	12.86	12.84	13.70
		50	50	12.91	12.71	12.82	13.70
		100	0	12.89	12.75	12.77	13.70

LTE Band 66 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.39	20.41	20.46	21.50
		1	2	20.35	20.32	20.35	21.50
		1	5	20.22	20.34	20.37	21.50
		3	0	20.38	20.37	20.49	21.50
		3	1	20.30	20.34	20.33	21.50
		3	3	20.23	20.36	20.35	21.50
		6	0	20.41	20.41	20.47	21.50
	16QAM	1	0	20.31	20.31	20.32	21.50
		1	2	20.22	20.37	20.39	21.50
		1	5	20.41	20.40	20.49	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 334 of 960

		3	0	20.31	20.32	20.38	21.50
		3	1	20.24	20.35	20.36	21.50
		3	3	20.35	20.38	20.50	21.50
		6	0	20.29	20.32	20.36	21.50
	64QAM	1	0	20.24	20.35	20.43	21.50
		1	2	20.39	20.37	20.50	21.50
		1	5	20.29	20.32	20.33	21.50
		3	0	20.22	20.35	20.39	21.50
		3	1	20.39	20.36	20.46	21.50
		3	3	20.33	20.30	20.33	21.50
		6	0	20.22	20.37	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.39	20.40	20.49	21.50
		1	7	20.37	20.31	20.31	21.50
		1	14	20.24	20.35	20.38	21.50
		8	0	20.39	20.41	20.48	21.50
		8	4	20.31	20.30	20.30	21.50
		8	7	20.25	20.32	20.38	21.50
		15	0	20.40	20.42	20.47	21.50
	16QAM	1	0	20.30	20.29	20.31	21.50
		1	7	20.24	20.33	20.36	21.50
		1	14	20.38	20.37	20.48	21.50
		8	0	20.29	20.29	20.35	21.50
		8	4	20.22	20.36	20.38	21.50
		8	7	20.38	20.40	20.48	21.50
		15	0	20.33	20.28	20.31	21.50
	64QAM	1	0	20.26	20.32	20.39	21.50
		1	7	20.36	20.39	20.47	21.50
		1	14	20.34	20.32	20.31	21.50
		8	0	20.29	20.32	20.42	21.50
		8	4	20.36	20.36	20.46	21.50
		8	7	20.31	20.30	20.35	21.50
		15	0	20.23	20.38	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.39	20.40	20.42	21.50
		1	13	20.34	20.28	20.32	21.50
		1	24	20.30	20.33	20.35	21.50
		12	0	20.36	20.43	20.43	21.50
		12	6	20.37	20.28	20.37	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 336 of 960

15MHz	QPSK	1	0	20.40	20.39	20.49	21.50
		1	38	20.36	20.30	20.33	21.50
		1	74	20.23	20.38	20.37	21.50
		36	0	20.34	20.36	20.45	21.50
		36	18	20.31	20.31	20.31	21.50
		36	39	20.26	20.32	20.41	21.50
		75	0	20.42	20.40	20.46	21.50
	16QAM	1	0	20.36	20.27	20.37	21.50
		1	38	20.24	20.33	20.39	21.50
		1	74	20.34	20.36	20.50	21.50
		36	0	20.34	20.30	20.36	21.50
		36	18	20.27	20.34	20.36	21.50
		36	39	20.42	20.43	20.42	21.50
		75	0	20.32	20.30	20.31	21.50
	64QAM	1	0	20.22	20.33	20.43	21.50
		1	38	20.38	20.40	20.42	21.50
		1	74	20.36	20.30	20.38	21.50
		36	0	20.29	20.36	20.38	21.50
		36	18	20.34	20.40	20.44	21.50
		36	39	20.35	20.34	20.31	21.50
		75	0	20.25	20.39	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.35	20.37	20.43	21.50
		1	50	20.30	20.27	20.36	21.50
		1	99	20.28	20.33	20.36	21.50
		50	0	20.40	20.37	20.44	21.50
		50	25	20.33	20.35	20.35	21.50
		50	50	20.30	20.37	20.36	21.50
		100	0	20.39	20.36	20.42	21.50
	16QAM	1	0	20.32	20.28	20.32	21.50
		1	50	20.29	20.38	20.40	21.50
		1	99	20.40	20.38	20.49	21.50
		50	0	20.34	20.27	20.35	21.50
		50	25	20.29	20.34	20.41	21.50
		50	50	20.39	20.43	20.49	21.50
		100	0	20.37	20.33	20.36	21.50
	64QAM	1	0	20.26	20.39	20.42	21.50
		1	50	20.36	20.41	20.50	21.50
		1	99	20.29	20.31	20.37	21.50
		50	0	20.26	20.36	20.35	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 337 of 960

		50	25	20.37	20.44	20.47	21.50
		50	50	20.37	20.29	20.35	21.50
		100	0	20.30	20.34	20.36	21.50

LTE Band 66 DSI5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.31	17.36	17.41	18.50
		1	2	17.32	17.24	17.34	18.50
		1	5	17.13	17.30	17.35	18.50
		3	0	17.29	17.33	17.43	18.50
		3	1	17.22	17.32	17.30	18.50
		3	3	17.16	17.31	17.26	18.50
		6	0	17.34	17.40	17.43	18.50
	16QAM	1	0	17.28	17.29	17.24	18.50
		1	2	17.13	17.32	17.33	18.50
		1	5	17.40	17.33	17.42	18.50
		3	0	17.22	17.24	17.34	18.50
		3	1	17.21	17.32	17.31	18.50
		3	3	17.26	17.33	17.41	18.50
		6	0	17.23	17.30	17.32	18.50
	64QAM	1	0	17.19	17.34	17.40	18.50
		1	2	17.30	17.34	17.43	18.50
		1	5	17.28	17.26	17.26	18.50
		3	0	17.17	17.30	17.34	18.50
		3	1	17.37	17.29	17.44	18.50
		3	3	17.25	17.28	17.29	18.50
		6	0	17.14	17.29	17.36	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.38	17.31	17.46	18.50
		1	7	17.31	17.25	17.25	18.50
		1	14	17.21	17.30	17.32	18.50
		8	0	17.35	17.38	17.47	18.50
		8	4	17.23	17.23	17.27	18.50
		8	7	17.17	17.28	17.37	18.50
		15	0	17.35	17.37	17.41	18.50
	16QAM	1	0	17.26	17.25	17.26	18.50
		1	7	17.18	17.28	17.33	18.50
1		14	17.37	17.34	17.46	18.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 338 of 960

		8	0	17.25	17.24	17.28	18.50
		8	4	17.18	17.35	17.35	18.50
		8	7	17.37	17.35	17.44	18.50
		15	0	17.24	17.26	17.23	18.50
	64QAM	1	0	17.20	17.27	17.37	18.50
		1	7	17.32	17.38	17.45	18.50
		1	14	17.29	17.27	17.25	18.50
		8	0	17.22	17.25	17.37	18.50
		8	4	17.33	17.35	17.37	18.50
		8	7	17.23	17.28	17.26	18.50
		15	0	17.15	17.37	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.31	17.38	17.35	18.50
		1	13	17.28	17.19	17.30	18.50
		1	24	17.23	17.27	17.31	18.50
		12	0	17.34	17.34	17.36	18.50
		12	6	17.33	17.27	17.30	18.50
		12	13	17.16	17.32	17.35	18.50
		25	0	17.36	17.37	17.43	18.50
	16QAM	1	0	17.27	17.27	17.23	18.50
		1	13	17.18	17.29	17.28	18.50
		1	24	17.34	17.32	17.35	18.50
		12	0	17.28	17.30	17.30	18.50
		12	6	17.28	17.34	17.33	18.50
		12	13	17.32	17.42	17.43	18.50
		25	0	17.31	17.23	17.27	18.50
	64QAM	1	0	17.26	17.33	17.42	18.50
		1	13	17.31	17.33	17.38	18.50
		1	24	17.32	17.23	17.31	18.50
		12	0	17.21	17.31	17.37	18.50
		12	6	17.27	17.30	17.46	18.50
		12	13	17.28	17.24	17.24	18.50
		25	0	17.15	17.28	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.35	17.35	17.41	18.50
		1	25	17.34	17.23	17.24	18.50
		1	49	17.18	17.36	17.33	18.50
		25	0	17.38	17.35	17.41	18.50
		25	13	17.28	17.32	17.31	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 340 of 960

20MHz	QPSK	1	0	17.26	17.29	17.38	18.50
		1	50	17.25	17.20	17.27	18.50
		1	99	17.24	17.32	17.28	18.50
		50	0	17.33	17.28	17.43	18.50
		50	25	17.28	17.32	17.26	18.50
		50	50	17.27	17.30	17.28	18.50
		100	0	17.38	17.35	17.33	18.50
	16QAM	1	0	17.31	17.24	17.26	18.50
		1	50	17.28	17.30	17.31	18.50
		1	99	17.31	17.36	17.40	18.50
		50	0	17.30	17.26	17.29	18.50
		50	25	17.24	17.28	17.39	18.50
		50	50	17.38	17.38	17.41	18.50
		100	0	17.29	17.26	17.30	18.50
	64QAM	1	0	17.21	17.30	17.39	18.50
		1	50	17.31	17.35	17.49	18.50
		1	99	17.21	17.30	17.30	18.50
		50	0	17.23	17.34	17.26	18.50
		50	25	17.29	17.37	17.38	18.50
		50	50	17.30	17.23	17.34	18.50
		100	0	17.27	17.26	17.27	18.50

LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.88	15.85	15.87	17.00
		1	2	15.84	15.74	15.81	17.00
		1	5	15.70	15.81	15.82	17.00
		3	0	15.83	15.79	15.91	17.00
		3	1	15.72	15.77	15.80	17.00
		3	3	15.72	15.83	15.80	17.00
		6	0	15.84	15.83	15.96	17.00
	16QAM	1	0	15.80	15.78	15.77	17.00
		1	2	15.69	15.83	15.82	17.00
		1	5	15.82	15.81	15.94	17.00
		3	0	15.72	15.74	15.86	17.00
		3	1	15.65	15.84	15.79	17.00
		3	3	15.81	15.81	15.95	17.00
		6	0	15.78	15.79	15.83	17.00
	64QAM	1	0	15.65	15.76	15.84	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 341 of 960

		1	2	15.81	15.83	15.92	17.00
		1	5	15.74	15.79	15.77	17.00
		3	0	15.71	15.82	15.86	17.00
		3	1	15.81	15.78	15.87	17.00
		3	3	15.81	15.75	15.81	17.00
		6	0	15.68	15.79	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	15.82	15.87	15.92	17.00
		1	7	15.81	15.75	15.80	17.00
		1	14	15.72	15.79	15.87	17.00
		8	0	15.87	15.88	15.90	17.00
		8	4	15.74	15.77	15.76	17.00
		8	7	15.74	15.79	15.79	17.00
		15	0	15.85	15.83	15.92	17.00
	16QAM	1	0	15.73	15.77	15.73	17.00
		1	7	15.65	15.81	15.79	17.00
		1	14	15.87	15.83	15.94	17.00
		8	0	15.75	15.74	15.82	17.00
		8	4	15.69	15.85	15.86	17.00
		8	7	15.82	15.86	15.97	17.00
		15	0	15.74	15.71	15.74	17.00
	64QAM	1	0	15.73	15.77	15.87	17.00
		1	7	15.85	15.82	15.93	17.00
		1	14	15.78	15.76	15.77	17.00
		8	0	15.75	15.76	15.83	17.00
		8	4	15.85	15.81	15.93	17.00
		8	7	15.80	15.71	15.80	17.00
		15	0	15.66	15.83	15.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.81	15.84	15.87	17.00
		1	13	15.79	15.69	15.80	17.00
		1	24	15.73	15.78	15.81	17.00
		12	0	15.77	15.85	15.86	17.00
		12	6	15.83	15.77	15.86	17.00
		12	13	15.66	15.86	15.77	17.00
		25	0	15.85	15.84	15.93	17.00
	16QAM	1	0	15.79	15.76	15.81	17.00
		1	13	15.67	15.78	15.78	17.00
		1	24	15.84	15.81	15.90	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 342 of 960

		12	0	15.77	15.82	15.83	17.00
		12	6	15.74	15.84	15.86	17.00
		12	13	15.82	15.91	15.85	17.00
		25	0	15.75	15.73	15.79	17.00
	64QAM	1	0	15.75	15.78	15.88	17.00
		1	13	15.76	15.83	15.88	17.00
		1	24	15.83	15.76	15.77	17.00
		12	0	15.77	15.78	15.84	17.00
		12	6	15.75	15.84	15.92	17.00
		12	13	15.76	15.77	15.74	17.00
		25	0	15.67	15.74	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.84	15.85	15.97	17.00
		1	25	15.83	15.73	15.79	17.00
		1	49	15.74	15.83	15.76	17.00
		25	0	15.81	15.85	15.90	17.00
		25	13	15.75	15.79	15.81	17.00
		25	25	15.69	15.85	15.83	17.00
		50	0	15.86	15.91	15.86	17.00
	16QAM	1	0	15.77	15.68	15.76	17.00
		1	25	15.79	15.80	15.84	17.00
		1	49	15.80	15.89	15.96	17.00
		25	0	15.77	15.75	15.79	17.00
		25	13	15.73	15.85	15.86	17.00
		25	25	15.77	15.86	15.90	17.00
		50	0	15.79	15.84	15.87	17.00
	64QAM	1	0	15.70	15.74	15.82	17.00
		1	25	15.86	15.92	15.89	17.00
		1	49	15.79	15.73	15.79	17.00
		25	0	15.72	15.89	15.89	17.00
		25	13	15.84	15.93	15.90	17.00
		25	25	15.76	15.78	15.81	17.00
		50	0	15.69	15.77	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.84	15.81	15.96	17.00
		1	38	15.77	15.72	15.76	17.00
		1	74	15.72	15.83	15.85	17.00
		36	0	15.80	15.79	15.90	17.00
		36	18	15.74	15.77	15.78	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 344 of 960

LTE Band 66 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	14.80	14.83	14.92	16.00
		1	2	14.83	14.81	14.80	16.00
		1	5	14.67	14.77	14.80	16.00
		3	0	14.79	14.79	14.93	16.00
		3	1	14.74	14.82	14.81	16.00
		3	3	14.67	14.77	14.80	16.00
	16QAM	6	0	14.88	14.82	14.96	16.00
		1	0	14.78	14.72	14.81	16.00
		1	2	14.71	14.84	14.80	16.00
		1	5	14.82	14.87	14.98	16.00
		3	0	14.78	14.77	14.80	16.00
		3	1	14.66	14.79	14.78	16.00
	64QAM	3	3	14.82	14.86	14.98	16.00
		6	0	14.70	14.77	14.82	16.00
		1	0	14.65	14.81	14.84	16.00
		1	2	14.86	14.84	14.98	16.00
		1	5	14.75	14.74	14.75	16.00
		3	0	14.67	14.76	14.87	16.00
3MHz	QPSK	3	1	14.86	14.81	14.88	16.00
		3	3	14.82	14.78	14.82	16.00
		6	0	14.65	14.80	14.83	16.00
	16QAM	1	0	14.85	14.89	14.90	16.00
		1	7	14.85	14.80	14.79	16.00
		1	14	14.70	14.81	14.86	16.00
	QPSK	8	0	14.85	14.89	14.96	16.00
		8	4	14.75	14.76	14.78	16.00
		8	7	14.69	14.81	14.84	16.00
	16QAM	15	0	14.86	14.84	14.96	16.00
		1	0	14.78	14.70	14.79	16.00
		1	7	14.73	14.76	14.85	16.00
		1	14	14.87	14.80	14.89	16.00
		8	0	14.75	14.75	14.77	16.00
		8	4	14.69	14.77	14.80	16.00
		8	7	14.79	14.81	14.91	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 347 of 960

		50	0	14.83	14.78	14.92	16.00
		50	25	14.82	14.76	14.76	16.00
		50	50	14.73	14.85	14.84	16.00
		100	0	14.80	14.80	14.83	16.00
	16QAM	1	0	14.75	14.71	14.75	16.00
		1	50	14.78	14.79	14.84	16.00
		1	99	14.86	14.82	14.92	16.00
		50	0	14.78	14.74	14.78	16.00
		50	25	14.78	14.76	14.85	16.00
		50	50	14.81	14.85	14.98	16.00
		100	0	14.80	14.76	14.84	16.00
	64QAM	1	0	14.72	14.86	14.84	16.00
		1	50	14.82	14.84	14.94	16.00
		1	99	14.71	14.73	14.82	16.00
		50	0	14.74	14.79	14.84	16.00
		50	25	14.83	14.85	14.92	16.00
		50	50	14.79	14.70	14.80	16.00
		100	0	14.71	14.75	14.80	16.00

LTE Band 66 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	13.36	13.40	13.44	14.50
		1	2	13.34	13.29	13.30	14.50
		1	5	13.15	13.32	13.29	14.50
		3	0	13.36	13.30	13.40	14.50
		3	1	13.29	13.30	13.28	14.50
		3	3	13.22	13.28	13.29	14.50
		6	0	13.38	13.35	13.43	14.50
	16QAM	1	0	13.25	13.29	13.31	14.50
		1	2	13.19	13.33	13.30	14.50
		1	5	13.37	13.33	13.44	14.50
		3	0	13.23	13.23	13.31	14.50
		3	1	13.20	13.30	13.29	14.50
		3	3	13.34	13.35	13.46	14.50
		6	0	13.20	13.28	13.28	14.50
	64QAM	1	0	13.21	13.26	13.39	14.50
		1	2	13.38	13.33	13.49	14.50
		1	5	13.26	13.28	13.32	14.50
		3	0	13.15	13.29	13.31	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 348 of 960

		3	1	13.31	13.28	13.44	14.50
		3	3	13.30	13.26	13.31	14.50
		6	0	13.18	13.31	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	13.33	13.39	13.47	14.50
		1	7	13.35	13.30	13.26	14.50
		1	14	13.23	13.28	13.35	14.50
		8	0	13.37	13.39	13.40	14.50
		8	4	13.29	13.22	13.28	14.50
		8	7	13.23	13.26	13.29	14.50
		15	0	13.36	13.37	13.44	14.50
	16QAM	1	0	13.24	13.23	13.26	14.50
		1	7	13.22	13.31	13.27	14.50
		1	14	13.36	13.29	13.42	14.50
		8	0	13.28	13.24	13.34	14.50
		8	4	13.14	13.34	13.36	14.50
		8	7	13.33	13.34	13.42	14.50
		15	0	13.27	13.26	13.22	14.50
	64QAM	1	0	13.19	13.29	13.36	14.50
		1	7	13.27	13.35	13.38	14.50
		1	14	13.33	13.26	13.28	14.50
		8	0	13.22	13.30	13.35	14.50
		8	4	13.33	13.35	13.38	14.50
		8	7	13.22	13.29	13.33	14.50
		15	0	13.19	13.30	13.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	13.33	13.32	13.34	14.50
		1	13	13.33	13.24	13.24	14.50
		1	24	13.21	13.28	13.28	14.50
		12	0	13.27	13.41	13.37	14.50
		12	6	13.30	13.20	13.36	14.50
		12	13	13.15	13.31	13.28	14.50
		25	0	13.35	13.38	13.42	14.50
	16QAM	1	0	13.26	13.25	13.28	14.50
		1	13	13.15	13.30	13.29	14.50
		1	24	13.35	13.29	13.35	14.50
		12	0	13.32	13.28	13.35	14.50
		12	6	13.21	13.34	13.32	14.50
		12	13	13.34	13.43	13.43	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 350 of 960

		1	38	13.21	13.31	13.33	14.50	
		1	74	13.32	13.28	13.47	14.50	
		36	0	13.30	13.22	13.31	14.50	
		36	18	13.25	13.32	13.33	14.50	
		36	39	13.41	13.40	13.40	14.50	
		75	0	13.31	13.28	13.23	14.50	
		64QAM	1	0	13.13	13.25	13.41	14.50
			1	38	13.37	13.31	13.41	14.50
			1	74	13.28	13.29	13.37	14.50
			36	0	13.28	13.35	13.36	14.50
			36	18	13.25	13.31	13.35	14.50
			36	39	13.31	13.26	13.30	14.50
	75	0	13.23	13.38	13.35	14.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	13.28	13.29	13.41	14.50	
		1	50	13.26	13.25	13.34	14.50	
		1	99	13.19	13.26	13.28	14.50	
		50	0	13.38	13.32	13.40	14.50	
		50	25	13.29	13.33	13.31	14.50	
		50	50	13.26	13.32	13.30	14.50	
		100	0	13.35	13.32	13.34	14.50	
	16QAM	1	0	13.25	13.19	13.23	14.50	
		1	50	13.23	13.31	13.39	14.50	
		1	99	13.34	13.36	13.44	14.50	
		50	0	13.28	13.26	13.31	14.50	
		50	25	13.24	13.28	13.38	14.50	
		50	50	13.35	13.35	13.45	14.50	
		100	0	13.28	13.28	13.32	14.50	
	64QAM	1	0	13.21	13.31	13.35	14.50	
		1	50	13.29	13.32	13.42	14.50	
		1	99	13.21	13.26	13.29	14.50	
		50	0	13.21	13.28	13.32	14.50	
		50	25	13.30	13.42	13.39	14.50	
		50	50	13.34	13.20	13.34	14.50	
		100	0	13.28	13.29	13.30	14.50	



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Report No.: SZCR250100007807

Page: 351 of 960

LTE Band 38 DSI4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.59	20.65	20.62	21.70
		1	13	20.54	20.59	20.57	21.70
		1	24	20.40	20.55	20.49	21.70
		12	0	20.61	20.61	20.64	21.70
		12	6	20.53	20.59	20.50	21.70
		12	13	20.46	20.50	20.47	21.70
	16QAM	25	0	20.59	20.62	20.63	21.70
		1	0	20.55	20.57	20.56	21.70
		1	13	20.46	20.51	20.50	21.70
		1	24	20.61	20.59	20.61	21.70
		12	0	20.60	20.56	20.53	21.70
		12	6	20.48	20.52	20.54	21.70
	64QAM	12	13	20.61	20.65	20.58	21.70
		25	0	20.56	20.61	20.53	21.70
		1	0	20.47	20.55	20.51	21.70
		1	13	20.55	20.59	20.62	21.70
		1	24	20.56	20.63	20.51	21.70
		12	0	20.40	20.54	20.51	21.70
10MHz	QPSK	12	6	20.61	20.61	20.57	21.70
		12	13	20.52	20.56	20.50	21.70
		25	0	20.43	20.55	20.52	21.70
	16QAM	1	0	20.58	20.59	20.64	21.70
		1	25	20.52	20.59	20.56	21.70
		1	49	20.41	20.55	20.53	21.70
	QPSK	25	0	20.53	20.61	20.64	21.70
		25	13	20.53	20.60	20.52	21.70
		25	25	20.46	20.48	20.49	21.70
		50	0	20.58	20.59	20.58	21.70
	16QAM	1	0	20.58	20.62	20.57	21.70
		1	25	20.41	20.54	20.49	21.70
		1	49	20.53	20.67	20.59	21.70
		25	0	20.56	20.64	20.53	21.70
		25	13	20.45	20.55	20.49	21.70
		25	25	20.53	20.62	20.58	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 352 of 960

		50	0	20.59	20.58	20.52	21.70
		1	0	20.42	20.54	20.47	21.70
		1	25	20.53	20.60	20.57	21.70
		1	49	20.57	20.64	20.50	21.70
		25	0	20.46	20.51	20.48	21.70
		25	13	20.60	20.63	20.62	21.70
		25	25	20.52	20.60	20.58	21.70
		50	0	20.47	20.51	20.47	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.61	20.67	20.61	21.70
		1	38	20.54	20.64	20.52	21.70
		1	74	20.40	20.53	20.50	21.70
		36	0	20.57	20.64	20.65	21.70
		36	18	20.56	20.63	20.56	21.70
		36	39	20.43	20.55	20.47	21.70
		75	0	20.59	20.60	20.63	21.70
	16QAM	1	0	20.58	20.64	20.58	21.70
		1	38	20.46	20.53	20.48	21.70
		1	74	20.54	20.66	20.63	21.70
		36	0	20.53	20.57	20.53	21.70
		36	18	20.42	20.53	20.51	21.70
		36	39	20.55	20.59	20.60	21.70
		75	0	20.59	20.59	20.58	21.70
	64QAM	1	0	20.46	20.50	20.53	21.70
		1	38	20.58	20.65	20.60	21.70
		1	74	20.52	20.56	20.52	21.70
		36	0	20.46	20.48	20.48	21.70
		36	18	20.58	20.67	20.58	21.70
		36	39	20.59	20.60	20.56	21.70
		75	0	20.48	20.56	20.53	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.57	20.59	20.57	21.70
		1	50	20.55	20.60	20.54	21.70
		1	99	20.44	20.55	20.52	21.70
		50	0	20.56	20.60	20.61	21.70
		50	25	20.57	20.61	20.56	21.70
		50	50	20.44	20.52	20.52	21.70
		100	0	20.59	20.64	20.62	21.70
	16QAM	1	0	20.56	20.59	20.57	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 353 of 960

		1	50	20.41	20.54	20.49	21.70
		1	99	20.60	20.64	20.57	21.70
		50	0	20.60	20.62	20.58	21.70
		50	25	20.46	20.49	20.54	21.70
		50	50	20.56	20.66	20.65	21.70
		100	0	20.59	20.63	20.57	21.70
	64QAM	1	0	20.41	20.52	20.49	21.70
		1	50	20.54	20.66	20.58	21.70
		1	99	20.56	20.61	20.52	21.70
		50	0	20.48	20.54	20.47	21.70
		50	25	20.59	20.62	20.57	21.70
		50	50	20.59	20.59	20.52	21.70
		100	0	20.43	20.49	20.54	21.70

LTE Band 38 DSIS				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	17.10	17.21	17.18	18.20	
		1	13	17.07	17.15	17.16	18.20	
		1	24	16.95	17.13	17.06	18.20	
		12	0	17.13	17.12	17.18	18.20	
		12	6	17.08	17.17	17.03	18.20	
		12	13	17.05	17.05	17.03	18.20	
		25	0	17.16	17.18	17.18	18.20	
	16QAM	1	0	17.13	17.14	17.09	18.20	
		1	13	17.04	17.03	17.04	18.20	
		1	24	17.18	17.17	17.14	18.20	
		12	0	17.18	17.13	17.08	18.20	
		12	6	17.05	17.11	17.12	18.20	
		12	13	17.19	17.17	17.15	18.20	
		25	0	17.14	17.15	17.07	18.20	
	64QAM	1	0	17.05	17.11	17.06	18.20	
		1	13	17.12	17.15	17.21	18.20	
		1	24	17.11	17.16	17.05	18.20	
		12	0	16.95	17.06	17.05	18.20	
		12	6	17.12	17.19	17.14	18.20	
		12	13	17.06	17.14	17.09	18.20	
		25	0	16.98	17.08	17.07	18.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 354 of 960

10MHz	QPSK	1	0	17.12	17.11	17.20	18.20
		1	25	17.07	17.16	17.09	18.20
		1	49	16.96	17.11	17.10	18.20
		25	0	17.07	17.12	17.23	18.20
		25	13	17.04	17.14	17.04	18.20
		25	25	17.01	17.06	17.06	18.20
		50	0	17.14	17.15	17.09	18.20
	16QAM	1	0	17.11	17.15	17.10	18.20
		1	25	16.92	17.10	17.03	18.20
		1	49	17.09	17.22	17.16	18.20
		25	0	17.13	17.16	17.09	18.20
		25	13	17.02	17.14	17.05	18.20
		25	25	17.08	17.19	17.11	18.20
		50	0	17.14	17.10	17.04	18.20
	64QAM	1	0	16.94	17.06	16.98	18.20
		1	25	17.08	17.14	17.08	18.20
		1	49	17.11	17.21	17.03	18.20
		25	0	16.99	17.08	17.00	18.20
		25	13	17.11	17.16	17.15	18.20
		25	25	17.04	17.13	17.12	18.20
		50	0	17.04	17.03	17.00	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	17.18	17.18	17.15	18.20
		1	38	17.13	17.15	17.05	18.20
		1	74	16.94	17.10	17.01	18.20
		36	0	17.15	17.21	17.20	18.20
		36	18	17.07	17.22	17.15	18.20
		36	39	16.97	17.08	17.06	18.20
		75	0	17.14	17.17	17.15	18.20
	16QAM	1	0	17.13	17.20	17.12	18.20
		1	38	16.99	17.08	17.07	18.20
		1	74	17.06	17.25	17.21	18.20
		36	0	17.05	17.09	17.10	18.20
		36	18	16.96	17.04	17.10	18.20
		36	39	17.11	17.18	17.11	18.20
		75	0	17.11	17.14	17.13	18.20
	64QAM	1	0	16.97	17.02	17.10	18.20
		1	38	17.10	17.21	17.19	18.20
		1	74	17.07	17.10	17.06	18.20
		36	0	17.02	17.07	17.01	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 355 of 960

		36	18	17.13	17.21	17.13	18.20
		36	39	17.15	17.13	17.14	18.20
		75	0	17.03	17.09	17.06	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.14	17.18	17.09	18.20
		1	50	17.09	17.13	17.11	18.20
		1	99	16.97	17.12	17.07	18.20
		50	0	17.14	17.11	17.13	18.20
		50	25	17.13	17.14	17.11	18.20
		50	50	16.96	17.06	17.05	18.20
		100	0	17.12	17.23	17.17	18.20
	16QAM	1	0	17.07	17.10	17.11	18.20
		1	50	16.96	17.07	17.03	18.20
		1	99	17.17	17.18	17.11	18.20
		50	0	17.17	17.14	17.14	18.20
		50	25	16.97	17.02	17.13	18.20
		50	50	17.12	17.17	17.24	18.20
		100	0	17.18	17.19	17.14	18.20
	64QAM	1	0	16.92	17.09	17.08	18.20
		1	50	17.11	17.24	17.10	18.20
		1	99	17.11	17.17	17.04	18.20
		50	0	16.99	17.12	17.03	18.20
		50	25	17.14	17.13	17.11	18.20
		50	50	17.10	17.13	17.04	18.20
		100	0	16.98	17.03	17.13	18.20

LTE Band 38 DSI2/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.10	15.24	15.16	16.20
		1	13	15.13	15.10	15.14	16.20
		1	24	14.96	15.11	15.06	16.20
		12	0	15.17	15.17	15.21	16.20
		12	6	15.09	15.16	15.06	16.20
		12	13	14.98	15.09	15.02	16.20
		25	0	15.14	15.13	15.21	16.20
	16QAM	1	0	15.14	15.15	15.09	16.20
		1	13	15.00	15.06	15.06	16.20
		1	24	15.14	15.17	15.19	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 356 of 960

		12	0	15.12	15.08	15.06	16.20
		12	6	14.99	15.08	15.09	16.20
		12	13	15.19	15.17	15.12	16.20
		25	0	15.13	15.20	15.09	16.20
	64QAM	1	0	15.02	15.12	15.07	16.20
		1	13	15.14	15.17	15.13	16.20
		1	24	15.10	15.18	15.08	16.20
		12	0	14.95	15.13	15.03	16.20
		12	6	15.12	15.20	15.14	16.20
		12	13	15.05	15.15	15.06	16.20
		25	0	14.95	15.10	15.05	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
		1	0	15.14	15.12	15.17	16.20
		1	25	15.07	15.13	15.07	16.20
		1	49	14.92	15.08	15.11	16.20
		25	0	15.08	15.13	15.23	16.20
		25	13	15.08	15.16	15.06	16.20
		25	25	14.97	15.04	15.03	16.20
		50	0	15.09	15.15	15.16	16.20
		1	0	15.10	15.20	15.12	16.20
		1	25	14.98	15.11	15.07	16.20
		1	49	15.09	15.20	15.14	16.20
		25	0	15.12	15.21	15.09	16.20
		25	13	14.97	15.11	15.03	16.20
		25	25	15.08	15.15	15.17	16.20
		50	0	15.11	15.15	15.08	16.20
		1	0	14.98	15.08	15.04	16.20
		1	25	15.08	15.13	15.16	16.20
		1	49	15.14	15.19	15.01	16.20
		25	0	15.01	15.09	15.07	16.20
		25	13	15.13	15.15	15.18	16.20
		25	25	15.04	15.17	15.16	16.20
		50	0	15.05	15.05	15.05	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
		1	0	15.19	15.26	15.19	16.20
		1	38	15.13	15.23	15.08	16.20
		1	74	14.98	15.04	15.05	16.20
		36	0	15.15	15.16	15.17	16.20
		36	18	15.11	15.17	15.08	16.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 357 of 960

		36	39	14.99	15.13	15.00	16.20
		75	0	15.13	15.15	15.14	16.20
	16QAM	1	0	15.09	15.16	15.17	16.20
		1	38	15.05	15.10	15.01	16.20
		1	74	15.13	15.19	15.21	16.20
		36	0	15.04	15.11	15.07	16.20
		36	18	14.99	15.05	15.10	16.20
		36	39	15.10	15.16	15.17	16.20
		75	0	15.13	15.11	15.17	16.20
		1	0	15.00	15.05	15.09	16.20
	64QAM	1	38	15.15	15.17	15.12	16.20
		1	74	15.06	15.10	15.08	16.20
		36	0	15.03	15.04	14.99	16.20
		36	18	15.15	15.22	15.10	16.20
		36	39	15.17	15.19	15.09	16.20
		75	0	15.07	15.11	15.09	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	15.16	15.10	15.13	16.20
		1	50	15.13	15.18	15.06	16.20
		1	99	14.98	15.09	15.03	16.20
		50	0	15.13	15.11	15.19	16.20
		50	25	15.14	15.13	15.13	16.20
		50	50	15.03	15.08	15.06	16.20
		100	0	15.12	15.19	15.13	16.20
	16QAM	1	0	15.15	15.10	15.11	16.20
		1	50	14.94	15.11	15.07	16.20
		1	99	15.14	15.19	15.08	16.20
		50	0	15.15	15.21	15.09	16.20
		50	25	15.01	15.07	15.09	16.20
		50	50	15.13	15.23	15.24	16.20
		100	0	15.12	15.18	15.15	16.20
	64QAM	1	0	14.94	15.05	15.06	16.20
		1	50	15.07	15.22	15.13	16.20
		1	99	15.15	15.12	15.09	16.20
		50	0	15.07	15.06	14.98	16.20
		50	25	15.14	15.21	15.08	16.20
		50	50	15.13	15.18	15.03	16.20
		100	0	14.94	15.00	15.08	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 358 of 960

LTE Band 38 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	14.16	14.16	14.14	15.20
		1	13	14.05	14.10	14.14	15.20
		1	24	13.97	14.11	14.07	15.20
		12	0	14.18	14.19	14.23	15.20
		12	6	14.12	14.15	14.09	15.20
		12	13	14.01	14.07	14.04	15.20
		25	0	14.15	14.15	14.21	15.20
	16QAM	1	0	14.14	14.15	14.12	15.20
		1	13	14.04	14.10	14.08	15.20
		1	24	14.13	14.14	14.20	15.20
		12	0	14.14	14.13	14.04	15.20
		12	6	14.01	14.09	14.09	15.20
		12	13	14.15	14.16	14.10	15.20
		25	0	14.15	14.17	14.04	15.20
	64QAM	1	0	14.03	14.07	14.03	15.20
		1	13	14.11	14.11	14.19	15.20
		1	24	14.14	14.22	14.02	15.20
		12	0	13.93	14.12	14.06	15.20
		12	6	14.14	14.19	14.09	15.20
		12	13	14.08	14.15	14.01	15.20
		25	0	13.96	14.11	14.04	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.17	14.13	14.19	15.20
		1	25	14.07	14.15	14.09	15.20
		1	49	13.98	14.06	14.12	15.20
		25	0	14.12	14.12	14.16	15.20
		25	13	14.09	14.11	14.09	15.20
		25	25	13.98	14.05	14.08	15.20
		50	0	14.09	14.16	14.14	15.20
	16QAM	1	0	14.13	14.16	14.13	15.20
		1	25	13.94	14.13	14.00	15.20
		1	49	14.10	14.18	14.13	15.20
		25	0	14.07	14.15	14.04	15.20
		25	13	14.03	14.13	14.06	15.20
		25	25	14.10	14.20	14.10	15.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 360 of 960

		1	50	13.99	14.12	14.06	15.20
		1	99	14.12	14.19	14.15	15.20
		50	0	14.11	14.13	14.11	15.20
		50	25	14.00	14.06	14.10	15.20
		50	50	14.15	14.25	14.21	15.20
		100	0	14.13	14.22	14.09	15.20
	64QAM	1	0	13.92	14.06	14.06	15.20
		1	50	14.08	14.25	14.14	15.20
		1	99	14.15	14.16	14.06	15.20
		50	0	14.05	14.10	14.02	15.20
		50	25	14.10	14.20	14.16	15.20
		50	50	14.13	14.14	14.08	15.20
		100	0	13.94	14.00	14.11	15.20

LTE Band 41 2496 - 2690 DSI4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.73	20.6	20.7	20.7	20.82	21.70
		1	13	20.63	20.64	20.58	20.65	20.78	21.70
		1	24	20.64	20.77	20.78	20.58	20.51	21.70
		12	0	20.67	20.67	20.74	20.72	20.76	21.70
		12	6	20.71	20.56	20.55	20.63	20.76	21.70
		12	13	20.65	20.78	20.76	20.65	20.57	21.70
		25	0	20.67	20.65	20.68	20.71	20.79	21.70
	16QAM	1	0	20.66	20.61	20.57	20.65	20.75	21.70
		1	13	20.67	20.75	20.77	20.6	20.54	21.70
		1	24	20.72	20.61	20.73	20.7	20.83	21.70
		12	0	20.71	20.59	20.56	20.63	20.75	21.70
		12	6	20.64	20.77	20.79	20.65	20.55	21.70
		12	13	20.73	20.68	20.72	20.71	20.78	21.70
		25	0	20.7	20.64	20.55	20.62	20.79	21.70
	64QAM	1	0	20.72	20.77	20.78	20.58	20.56	21.70
		1	13	20.71	20.63	20.75	20.72	20.8	21.70
		1	24	20.63	20.58	20.52	20.64	20.8	21.70
		12	0	20.64	20.74	20.75	20.65	20.5	21.70
		12	6	20.73	20.66	20.7	20.75	20.8	21.70
		12	13	20.65	20.61	20.58	20.67	20.77	21.70
		25	0	20.65	20.71	20.8	20.57	20.55	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 362 of 960

		36	18	20.67	20.62	20.67	20.72	20.83	21.70
		36	39	20.64	20.64	20.53	20.63	20.77	21.70
		75	0	20.68	20.71	20.73	20.58	20.52	21.70
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel
20MHz	QPSK	1	0	20.66	20.62	20.7	20.75	20.81	21.70
		1	50	20.63	20.62	20.52	20.63	20.77	21.70
		1	99	20.68	20.73	20.78	20.57	20.5	21.70
		50	0	20.71	20.68	20.68	20.75	20.81	21.70
		50	25	20.69	20.57	20.52	20.6	20.8	21.70
		50	50	20.66	20.74	20.73	20.64	20.56	21.70
		100	0	20.71	20.65	20.74	20.68	20.79	21.70
	16QAM	1	0	20.65	20.62	20.55	20.61	20.76	21.70
		1	50	20.67	20.77	20.8	20.65	20.55	21.70
		1	99	20.7	20.68	20.67	20.75	20.83	21.70
		50	0	20.64	20.58	20.54	20.62	20.79	21.70
		50	25	20.7	20.7	20.76	20.61	20.55	21.70
		50	50	20.72	20.66	20.68	20.68	20.82	21.70
		100	0	20.63	20.61	20.52	20.61	20.79	21.70
	64QAM	1	0	20.7	20.73	20.74	20.65	20.58	21.70
		1	50	20.7	20.67	20.69	20.68	20.8	21.70
		1	99	20.67	20.6	20.51	20.65	20.75	21.70
		50	0	20.67	20.7	20.78	20.57	20.54	21.70
		50	25	20.73	20.62	20.73	20.74	20.82	21.70
		50	50	20.65	20.63	20.54	20.68	20.79	21.70
		100	0	20.64	20.77	20.78	20.6	20.54	21.70

LTE Band 41 2496 - 2690 DS15				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	17.21	17.02	17.17	17.16	17.25	18.20
		1	13	17.11	17.07	17.03	17.14	17.19	18.20
		1	24	17.05	17.2	17.24	17.03	16.94	18.20
		12	0	17.13	17.11	17.16	17.16	17.19	18.20
		12	6	17.13	17.01	16.96	17.05	17.18	18.20
		12	13	17.1	17.27	17.2	17.14	17.01	18.20
		25	0	17.14	17.06	17.09	17.13	17.24	18.20
	16QAM	1	0	17.11	17.04	17.05	17.13	17.18	18.20
		1	13	17.16	17.19	17.2	17.01	17.03	18.20
		1	24	17.16	17.07	17.22	17.14	17.3	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 363 of 960

		12	0	17.18	17.07	16.99	17.07	17.17	18.20
		12	6	17.09	17.25	17.22	17.12	16.96	18.20
		12	13	17.14	17.11	17.16	17.16	17.27	18.20
		25	0	17.14	17.05	16.97	17.03	17.24	18.20
	64QAM	1	0	17.15	17.26	17.25	17.01	16.97	18.20
		1	13	17.13	17.06	17.17	17.13	17.24	18.20
		1	24	17.07	17.01	17	17.1	17.25	18.20
		12	0	17.12	17.23	17.17	17.07	16.93	18.20
		12	6	17.15	17.14	17.14	17.18	17.21	18.20
		12	13	17.11	17.06	17.06	17.16	17.23	18.20
25		0	17.07	17.19	17.27	17.06	17	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	17.13	17.14	17.11	17.13	17.22	18.20
		1	25	17.1	17.09	16.99	17.12	17.27	18.20
		1	49	17.18	17.24	17.15	17.08	17.01	18.20
		25	0	17.1	17.15	17.14	17.18	17.25	18.20
		25	13	17.08	17.06	16.93	17.03	17.22	18.20
		25	25	17.08	17.18	17.23	17.11	16.99	18.20
		50	0	17.13	17.13	17.15	17.13	17.29	18.20
	16QAM	1	0	17.12	17.09	16.97	17.14	17.24	18.20
		1	25	17.16	17.23	17.26	17.02	16.93	18.20
		1	49	17.16	17.08	17.18	17.19	17.24	18.20
		25	0	17.08	17.08	16.95	17.06	17.28	18.20
		25	13	17.19	17.16	17.18	17.03	16.99	18.20
		25	25	17.14	17.13	17.11	17.23	17.26	18.20
		50	0	17.07	16.98	16.94	17.09	17.23	18.20
	64QAM	1	0	17.18	17.18	17.23	17.03	16.96	18.20
		1	25	17.13	17.13	17.2	17.11	17.25	18.20
		1	49	17.07	17.05	16.99	17.09	17.27	18.20
		25	0	17.16	17.22	17.2	17.1	17.01	18.20
		25	13	17.14	17.09	17.17	17.13	17.29	18.20
		25	25	17.11	17.06	16.93	17.08	17.23	18.20
50		0	17.05	17.22	17.21	17.01	17.01	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.16	17.17	17.17	17.19	17.24	18.20
		1	38	17.14	16.98	16.99	17.16	17.21	18.20
		1	74	17.13	17.19	17.27	17.11	17.05	18.20
		36	0	17.18	17.13	17.15	17.17	17.19	18.20
		36	18	17.13	17.13	16.99	17.11	17.19	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 364 of 960

		36	39	17.17	17.16	17.18	17.1	16.98	18.20
		75	0	17.16	17.11	17.17	17.21	17.25	18.20
	16QAM	1	0	17.05	17.1	17.02	17.06	17.24	18.20
		1	38	17.13	17.15	17.24	17.01	16.99	18.20
		1	74	17.21	17.06	17.17	17.17	17.24	18.20
		36	0	17.1	17.11	17.06	17.08	17.2	18.20
		36	18	17.15	17.23	17.24	17.03	16.96	18.20
		36	39	17.15	17.05	17.18	17.2	17.23	18.20
		75	0	17.14	16.99	16.98	17.13	17.29	18.20
	64QAM	1	0	17.11	17.17	17.22	16.99	17.03	18.20
		1	38	17.22	17.09	17.15	17.14	17.24	18.20
		1	74	17.16	17.09	16.99	17.04	17.22	18.20
		36	0	17.13	17.2	17.19	16.99	16.95	18.20
		36	18	17.12	17.03	17.13	17.15	17.28	18.20
		36	39	17.06	17.13	16.96	17.08	17.22	18.20
		75	0	17.14	17.19	17.17	17.03	16.93	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	17.07	17.04	17.18	17.22	17.22	18.20
		1	50	17.06	17.04	16.98	17.08	17.23	18.20
		1	99	17.17	17.16	17.24	17.06	16.91	18.20
		50	0	17.14	17.13	17.16	17.16	17.26	18.20
		50	25	17.17	17.01	16.96	17.07	17.27	18.20
		50	50	17.09	17.23	17.2	17.08	17	18.20
		100	0	17.2	17.08	17.21	17.11	17.24	18.20
	16QAM	1	0	17.12	17.1	17.04	17.02	17.22	18.20
		1	50	17.11	17.19	17.28	17.13	17.01	18.20
		1	99	17.14	17.14	17.16	17.16	17.32	18.20
		50	0	17.08	17.01	16.98	17.03	17.25	18.20
		50	25	17.14	17.18	17.19	17.02	16.96	18.20
		50	50	17.14	17.07	17.13	17.11	17.23	18.20
		100	0	17.1	17.08	16.94	17.04	17.2	18.20
	64QAM	1	0	17.13	17.15	17.22	17.14	16.99	18.20
		1	50	17.17	17.16	17.1	17.17	17.25	18.20
		1	99	17.13	17.02	16.93	17.12	17.17	18.20
		50	0	17.13	17.13	17.19	16.98	16.98	18.20
		50	25	17.15	17.11	17.2	17.15	17.26	18.20
		50	50	17.11	17.04	17.03	17.16	17.27	18.20
		100	0	17.12	17.25	17.23	17.09	16.95	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 365 of 960

LTE Band 41 2496 - 2690 DS12/8/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	15.14	15.01	15.18	15.18	15.24	16.20
		1	13	15.06	15.07	15.03	15.12	15.19	16.20
		1	24	15.05	15.24	15.27	15.06	15	16.20
		12	0	15.1	15.12	15.21	15.17	15.19	16.20
		12	6	15.17	15.02	14.99	15.1	15.2	16.20
		12	13	15.12	15.27	15.24	15.13	15.02	16.20
		25	0	15.15	15.08	15.13	15.2	15.26	16.20
	16QAM	1	0	15.13	15.05	14.98	15.06	15.22	16.20
		1	13	15.08	15.17	15.26	15.09	14.97	16.20
		1	24	15.14	15.07	15.14	15.17	15.32	16.20
		12	0	15.12	15.03	15.04	15.07	15.22	16.20
		12	6	15.11	15.18	15.25	15.1	14.96	16.20
		12	13	15.18	15.13	15.2	15.14	15.22	16.20
		25	0	15.14	15.1	15	15.05	15.23	16.20
	64QAM	1	0	15.2	15.23	15.23	15.07	15.03	16.20
		1	13	15.13	15.11	15.16	15.2	15.26	16.20
		1	24	15.04	15.06	14.94	15.06	15.27	16.20
		12	0	15.06	15.23	15.18	15.12	14.96	16.20
		12	6	15.19	15.1	15.17	15.24	15.26	16.20
		12	13	15.06	15.03	15	15.13	15.21	16.20
		25	0	15.07	15.14	15.26	15.02	15.02	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	15.09	15.14	15.11	15.1	15.24	16.20
		1	25	15.12	15.03	14.93	15.09	15.24	16.20
		1	49	15.15	15.26	15.17	15.07	15.02	16.20
		25	0	15.12	15.17	15.13	15.1	15.24	16.20
		25	13	15.09	14.99	15	15.03	15.22	16.20
		25	25	15.11	15.14	15.24	15.05	15	16.20
		50	0	15.17	15.12	15.17	15.2	15.27	16.20
	16QAM	1	0	15.13	15.07	14.99	15.12	15.22	16.20
		1	25	15.16	15.2	15.25	15.06	14.97	16.20
		1	49	15.22	15.1	15.18	15.21	15.2	16.20
		25	0	15.13	15.07	14.93	15.08	15.25	16.20
		25	13	15.13	15.2	15.15	15.08	14.97	16.20
		25	25	15.08	15.11	15.15	15.19	15.28	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 366 of 960

		50	0	15.11	14.98	14.99	15.11	15.15	16.20
		1	0	15.17	15.19	15.2	15.01	15.01	16.20
		1	25	15.14	15.16	15.18	15.13	15.23	16.20
		1	49	15.08	15.12	15.03	15.05	15.27	16.20
		25	0	15.15	15.24	15.23	15.09	14.93	16.20
		25	13	15.19	15.16	15.19	15.14	15.27	16.20
		25	25	15.07	15.09	14.95	15.14	15.22	16.20
		50	0	15.11	15.23	15.21	15.07	14.96	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.1	15.11	15.19	15.2	15.26	16.20
		1	38	15.14	15.01	14.99	15.11	15.25	16.20
		1	74	15.12	15.16	15.19	15.05	14.99	16.20
		36	0	15.13	15.11	15.19	15.19	15.22	16.20
		36	18	15.12	15.06	14.93	15.12	15.22	16.20
		36	39	15.13	15.13	15.15	15.05	15.04	16.20
		75	0	15.2	15.13	15.12	15.19	15.26	16.20
	16QAM	1	0	15.09	15.09	15.02	15.02	15.16	16.20
		1	38	15.17	15.13	15.27	15.02	15	16.20
		1	74	15.15	15.05	15.16	15.18	15.19	16.20
		36	0	15.06	15.07	15.01	15.08	15.21	16.20
		36	18	15.15	15.24	15.23	15.01	14.96	16.20
		36	39	15.11	15.08	15.18	15.14	15.19	16.20
		75	0	15.16	15.02	15.01	15.12	15.29	16.20
	64QAM	1	0	15.1	15.2	15.22	15.07	14.96	16.20
		1	38	15.22	15.08	15.21	15.19	15.2	16.20
		1	74	15.19	15.04	15	15.07	15.24	16.20
		36	0	15.12	15.26	15.26	15.07	15.01	16.20
		36	18	15.09	15.05	15.13	15.16	15.25	16.20
		36	39	15.08	15.08	15	15.05	15.25	16.20
		75	0	15.12	15.15	15.22	15.03	14.98	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.09	15.07	15.19	15.16	15.27	16.20
		1	50	15.12	15.09	14.99	15.05	15.2	16.20
		1	99	15.14	15.15	15.26	15.01	14.99	16.20
		50	0	15.2	15.16	15.17	15.22	15.23	16.20
		50	25	15.13	15.05	14.98	15.06	15.23	16.20
		50	50	15.11	15.15	15.15	15.05	15	16.20
		100	0	15.14	15.08	15.22	15.14	15.21	16.20
	16QAM	1	0	15.08	15.1	14.97	15.06	15.25	16.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 367 of 960

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		1	99	15.12	15.15	15.08	15.23	15.32	16.20
		50	0	15.11	15.07	14.98	15.08	15.2	16.20
		50	25	15.14	15.16	15.23	15.08	14.99	16.20
		50	50	15.2	15.13	15.11	15.1	15.24	16.20
		100	0	15.11	15.07	14.99	15.05	15.26	16.20
	64QAM	1	0	15.16	15.16	15.19	15.06	15.07	16.20
		1	50	15.12	15.11	15.1	15.11	15.29	16.20
		1	99	15.1	15.04	14.92	15.07	15.24	16.20
		50	0	15.08	15.17	15.25	15	15.01	16.20
		50	25	15.19	15.06	15.18	15.22	15.25	16.20
		50	50	15.08	15.06	15.01	15.13	15.27	16.20
		100	0	15.06	15.19	15.19	15.01	14.97	16.20

LTE Band 41 2496 - 2690 DSI3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	14.14	14.09	14.16	14.18	14.27	15.20	
		1	13	14.11	14.13	14.02	14.12	14.24	15.20	
		1	24	14.08	14.21	14.21	14.04	14	15.20	
		12	0	14.11	14.12	14.2	14.19	14.24	15.20	
		12	6	14.17	14.02	13.96	14.11	14.24	15.20	
		12	13	14.11	14.24	14.21	14.07	14.01	15.20	
		25	0	14.1	14.11	14.13	14.14	14.26	15.20	
	16QAM	1	0	14.09	14.08	14.01	14.11	14.18	15.20	
		1	13	14.1	14.17	14.21	14.01	13.98	15.20	
		1	24	14.14	14.03	14.2	14.11	14.24	15.20	
		12	0	14.2	14.06	14.05	14.1	14.22	15.20	
		12	6	14.05	14.26	14.22	14.1	14.02	15.20	
		12	13	14.14	14.14	14.16	14.19	14.19	15.20	
		25	0	14.17	14.07	13.96	14.09	14.21	15.20	
	64QAM	1	0	14.19	14.21	14.21	14	14.03	15.20	
		1	13	14.19	14.11	14.17	14.18	14.22	15.20	
		1	24	14.07	14.05	13.95	14.1	14.25	15.20	
		12	0	14.13	14.16	14.23	14.11	13.96	15.20	
		12	6	14.22	14.1	14.17	14.24	14.22	15.20	
		12	13	14.12	14.02	14.07	14.15	14.24	15.20	
		25	0	14.14	14.14	14.28	14.06	14.01	15.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 368 of 960

10MHz	QPSK	1	0	14.11	14.14	14.12	14.11	14.25	15.20
		1	25	14.11	14.07	14	14.12	14.21	15.20
		1	49	14.18	14.19	14.2	14.12	13.96	15.20
		25	0	14.11	14.14	14.19	14.11	14.28	15.20
		25	13	14.09	14	13.95	14.06	14.19	15.20
		25	25	14.13	14.15	14.2	14.1	13.99	15.20
		50	0	14.16	14.11	14.17	14.14	14.3	15.20
	16QAM	1	0	14.07	14.11	13.94	14.12	14.27	15.20
		1	25	14.12	14.22	14.24	14.04	13.95	15.20
		1	49	14.22	14.08	14.19	14.19	14.2	15.20
		25	0	14.13	14.08	13.95	14.05	14.2	15.20
		25	13	14.16	14.14	14.17	14.06	13.92	15.20
		25	25	14.11	14.16	14.12	14.18	14.23	15.20
		50	0	14.12	13.98	13.95	14.14	14.21	15.20
	64QAM	1	0	14.17	14.16	14.19	14.05	14.01	15.20
		1	25	14.14	14.11	14.19	14.17	14.24	15.20
		1	49	14.11	14.06	13.99	14.12	14.27	15.20
		25	0	14.12	14.18	14.2	14.12	13.94	15.20
		25	13	14.19	14.17	14.13	14.11	14.26	15.20
		25	25	14.15	14.08	13.95	14.1	14.17	15.20
		50	0	14.09	14.22	14.2	14.01	14	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	14.14	14.17	14.19	14.16	14.23	15.20
		1	38	14.09	14.04	14.03	14.16	14.24	15.20
		1	74	14.1	14.17	14.21	14.07	13.99	15.20
		36	0	14.13	14.07	14.18	14.22	14.27	15.20
		36	18	14.13	14.05	13.94	14.11	14.17	15.20
		36	39	14.12	14.15	14.23	14.07	13.97	15.20
		75	0	14.22	14.09	14.15	14.2	14.27	15.20
	16QAM	1	0	14.1	14.08	14.02	14.07	14.21	15.20
		1	38	14.17	14.19	14.25	14.03	14	15.20
		1	74	14.13	14.13	14.2	14.17	14.25	15.20
		36	0	14.05	14.04	14.04	14.07	14.18	15.20
		36	18	14.09	14.2	14.28	14.08	14.01	15.20
		36	39	14.13	14.04	14.17	14.21	14.27	15.20
		75	0	14.14	14.06	14	14.11	14.28	15.20
	64QAM	1	0	14.15	14.19	14.14	14.06	14.04	15.20
		1	38	14.22	14.14	14.15	14.18	14.28	15.20
		1	74	14.11	14.06	14.02	14.11	14.27	15.20
		36	0	14.16	14.2	14.25	14.03	14	15.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 369 of 960

		36	18	14.14	14.04	14.08	14.17	14.28	15.20
		36	39	14.12	14.11	13.99	14.07	14.2	15.20
		75	0	14.16	14.16	14.22	14.06	13.99	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	14.11	14.07	14.13	14.23	14.23	15.20
		1	50	14.04	14.04	13.96	14.05	14.26	15.20
		1	99	14.16	14.17	14.27	14.04	13.93	15.20
		50	0	14.12	14.17	14.09	14.23	14.22	15.20
		50	25	14.13	14.06	13.94	14.06	14.27	15.20
		50	50	14.1	14.2	14.16	14.12	14	15.20
		100	0	14.16	14.08	14.17	14.14	14.23	15.20
	16QAM	1	0	14.09	14.06	13.99	14.1	14.2	15.20
		1	50	14.16	14.19	14.29	14.1	13.96	15.20
		1	99	14.19	14.14	14.16	14.18	14.32	15.20
		50	0	14.11	14.07	14.02	14.11	14.28	15.20
		50	25	14.19	14.13	14.18	14.03	14.04	15.20
		50	50	14.16	14.12	14.12	14.14	14.26	15.20
		100	0	14.07	14.02	13.99	14.02	14.21	15.20
	64QAM	1	0	14.18	14.19	14.21	14.12	14.02	15.20
		1	50	14.17	14.13	14.11	14.11	14.29	15.20
		1	99	14.14	14.03	13.97	14.14	14.24	15.20
		50	0	14.08	14.13	14.23	14.02	13.98	15.20
		50	25	14.14	14.03	14.19	14.19	14.31	15.20
		50	50	14.13	14.05	13.96	14.17	14.25	15.20
		100	0	14.13	14.23	14.22	14.06	13.98	15.20



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4.3 Conducted Power of LTE (Ant31)

LTE Band 2 DS12/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.60	20.61	20.52	21.50
		1	2	20.59	20.45	20.63	21.50
		1	5	20.58	20.63	20.66	21.50
		3	0	20.63	20.57	20.52	21.50
		3	2	20.58	20.46	20.63	21.50
		3	3	20.57	20.63	20.61	21.50
		6	0	20.60	20.62	20.57	21.50
	16QAM	1	0	20.58	20.48	20.69	21.50
		1	2	20.62	20.67	20.65	21.50
		1	5	20.61	20.56	20.54	21.50
		3	0	20.56	20.50	20.70	21.50
		3	2	20.56	20.60	20.63	21.50
		3	3	20.65	20.57	20.55	21.50
		6	0	20.55	20.49	20.67	21.50
	64QAM	1	0	20.57	20.63	20.61	21.50
		1	2	20.65	20.58	20.58	21.50
		1	5	20.58	20.46	20.65	21.50
		3	0	20.59	20.65	20.63	21.50
		3	2	20.62	20.64	20.51	21.50
		3	3	20.53	20.48	20.67	21.50
		6	0	20.60	20.61	20.65	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.65	20.56	20.53	21.50
		1	7	20.54	20.50	20.62	21.50
		1	14	20.58	20.60	20.66	21.50
		8	0	20.63	20.63	20.50	21.50
		8	4	20.60	20.52	20.65	21.50
		8	7	20.62	20.65	20.69	21.50
		15	0	20.58	20.61	20.58	21.50
	16QAM	1	0	20.55	20.45	20.66	21.50
		1	7	20.57	20.63	20.68	21.50
		1	14	20.60	20.61	20.50	21.50
		8	0	20.52	20.46	20.70	21.50
		8	4	20.57	20.62	20.66	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 371 of 960

		8	7	20.61	20.62	20.53	21.50
		15	0	20.53	20.52	20.62	21.50
	64QAM	1	0	20.62	20.64	20.65	21.50
		1	7	20.62	20.57	20.54	21.50
		1	14	20.58	20.53	20.67	21.50
		8	0	20.55	20.64	20.65	21.50
		8	4	20.64	20.60	20.57	21.50
		8	7	20.53	20.49	20.69	21.50
		15	0	20.57	20.64	20.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.58	20.61	20.58	21.50
		1	13	20.55	20.52	20.62	21.50
		1	24	20.62	20.60	20.66	21.50
		12	0	20.64	20.63	20.56	21.50
		12	6	20.54	20.50	20.63	21.50
		12	13	20.59	20.67	20.62	21.50
		25	0	20.63	20.58	20.58	21.50
	16QAM	1	0	20.58	20.48	20.70	21.50
		1	13	20.60	20.65	20.63	21.50
		1	24	20.57	20.57	20.58	21.50
		12	0	20.58	20.46	20.70	21.50
		12	6	20.61	20.61	20.63	21.50
		12	13	20.59	20.63	20.54	21.50
		25	0	20.55	20.53	20.65	21.50
	64QAM	1	0	20.58	20.61	20.61	21.50
		1	13	20.60	20.59	20.58	21.50
		1	24	20.59	20.52	20.66	21.50
		12	0	20.59	20.65	20.68	21.50
		12	6	20.60	20.56	20.58	21.50
		12	13	20.60	20.52	20.62	21.50
		25	0	20.61	20.61	20.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.64	20.63	20.51	21.50
		1	25	20.52	20.50	20.70	21.50
		1	49	20.55	20.64	20.64	21.50
		25	0	20.65	20.63	20.55	21.50
		25	13	20.59	20.50	20.67	21.50
		25	25	20.60	20.67	20.63	21.50
		50	0	20.61	20.61	20.55	21.50



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Report No.: SZCR250100007807

Page: 372 of 960

	16QAM	1	0	20.59	20.53	20.63	21.50
		1	25	20.61	20.67	20.68	21.50
		1	49	20.60	20.61	20.57	21.50
		25	0	20.57	20.45	20.68	21.50
		25	13	20.54	20.61	20.62	21.50
		25	25	20.64	20.62	20.53	21.50
		50	0	20.53	20.53	20.63	21.50
	64QAM	1	0	20.57	20.63	20.69	21.50
		1	25	20.57	20.59	20.57	21.50
		1	49	20.54	20.49	20.69	21.50
		25	0	20.60	20.62	20.61	21.50
		25	13	20.65	20.61	20.57	21.50
		25	25	20.58	20.51	20.69	21.50
		50	0	20.59	20.66	20.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.58	20.60	20.57	21.50
		1	38	20.54	20.52	20.70	21.50
		1	74	20.60	20.66	20.62	21.50
		36	0	20.61	20.61	20.55	21.50
		36	18	20.54	20.52	20.62	21.50
		36	39	20.60	20.63	20.66	21.50
		75	0	20.61	20.59	20.51	21.50
	16QAM	1	0	20.53	20.52	20.63	21.50
		1	38	20.62	20.68	20.69	21.50
		1	74	20.63	20.56	20.57	21.50
		36	0	20.58	20.45	20.65	21.50
		36	18	20.57	20.62	20.63	21.50
		36	39	20.58	20.59	20.51	21.50
		75	0	20.53	20.50	20.62	21.50
	64QAM	1	0	20.60	20.65	20.61	21.50
		1	38	20.60	20.57	20.58	21.50
		1	74	20.53	20.45	20.69	21.50
		36	0	20.56	20.64	20.67	21.50
		36	18	20.58	20.58	20.58	21.50
		36	39	20.54	20.50	20.62	21.50
		75	0	20.54	20.62	20.62	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.59	20.60	20.56	21.50
		1	50	20.56	20.50	20.67	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 373 of 960

		1	99	20.62	20.60	20.66	21.50
		50	0	20.63	20.58	20.54	21.50
		50	25	20.52	20.46	20.67	21.50
		50	50	20.57	20.68	20.66	21.50
		100	0	20.63	20.57	20.57	21.50
	16QAM	1	0	20.59	20.50	20.63	21.50
		1	50	20.58	20.63	20.64	21.50
		1	99	20.64	20.63	20.54	21.50
		50	0	20.52	20.46	20.66	21.50
		50	25	20.60	20.67	20.68	21.50
		50	50	20.64	20.56	20.58	21.50
		100	0	20.55	20.52	20.63	21.50
	64QAM	1	0	20.62	20.65	20.68	21.50
		1	50	20.57	20.64	20.51	21.50
		1	99	20.60	20.46	20.68	21.50
		50	0	20.61	20.62	20.61	21.50
		50	25	20.62	20.60	20.53	21.50
		50	50	20.60	20.45	20.66	21.50
		100	0	20.55	20.66	20.67	21.50

LTE Band 2 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.14	18.16	18.10	19.00
		1	2	18.11	18.03	18.18	19.00
		1	5	18.16	18.19	18.19	19.00
		3	0	18.15	18.14	18.08	19.00
		3	2	18.12	18.01	18.15	19.00
		3	3	18.11	18.19	18.13	19.00
		6	0	18.14	18.20	18.10	19.00
	16QAM	1	0	18.11	18.04	18.27	19.00
		1	2	18.16	18.22	18.23	19.00
		1	5	18.17	18.15	18.08	19.00
		3	0	18.15	18.06	18.25	19.00
		3	2	18.15	18.18	18.20	19.00
		3	3	18.21	18.10	18.11	19.00
		6	0	18.11	18.08	18.18	19.00
	64QAM	1	0	18.10	18.19	18.18	19.00
		1	2	18.22	18.13	18.17	19.00
		1	5	18.11	18.05	18.20	19.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 374 of 960

		3	0	18.11	18.20	18.15	19.00	
		3	2	18.17	18.19	18.07	19.00	
		3	3	18.04	18.03	18.21	19.00	
		6	0	18.12	18.14	18.20	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	18.16	18.08	18.12	19.00	
		1	7	18.09	18.04	18.13	19.00	
		1	14	18.13	18.11	18.18	19.00	
		8	0	18.14	18.19	18.09	19.00	
		8	4	18.18	18.06	18.20	19.00	
		8	7	18.15	18.22	18.25	19.00	
		15	0	18.15	18.17	18.09	19.00	
	16QAM	1	0	18.10	17.98	18.25	19.00	
		1	7	18.09	18.21	18.24	19.00	
		1	14	18.11	18.13	18.02	19.00	
		8	0	18.10	18.02	18.29	19.00	
		8	4	18.16	18.16	18.23	19.00	
		8	7	18.15	18.20	18.12	19.00	
		15	0	18.07	18.05	18.16	19.00	
	64QAM	1	0	18.13	18.22	18.24	19.00	
		1	7	18.18	18.12	18.07	19.00	
		1	14	18.13	18.09	18.20	19.00	
		8	0	18.08	18.18	18.23	19.00	
		8	4	18.23	18.19	18.16	19.00	
		8	7	18.05	18.02	18.22	19.00	
		15	0	18.13	18.21	18.19	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	18.15	18.19	18.11	19.00
1			13	18.11	18.11	18.21	19.00	
1			24	18.20	18.13	18.18	19.00	
12			0	18.22	18.21	18.07	19.00	
12			6	18.08	18.04	18.22	19.00	
12			13	18.10	18.24	18.13	19.00	
25			0	18.15	18.12	18.16	19.00	
16QAM		1	0	18.11	18.04	18.28	19.00	
		1	13	18.15	18.18	18.17	19.00	
		1	24	18.13	18.13	18.13	19.00	
		12	0	18.11	18.03	18.23	19.00	
	12	6	18.18	18.14	18.19	19.00		

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Report No.: SZCR250100007807

Page: 375 of 960

	64QAM	12	13	18.18	18.16	18.06	19.00
		25	0	18.09	18.06	18.24	19.00
		1	0	18.17	18.13	18.13	19.00
		1	13	18.12	18.13	18.14	19.00
		1	24	18.16	18.05	18.25	19.00
		12	0	18.12	18.17	18.19	19.00
		12	6	18.13	18.12	18.17	19.00
		12	13	18.14	18.05	18.14	19.00
		25	0	18.17	18.17	18.27	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.18	18.21	18.02	19.00
		1	25	18.05	18.04	18.22	19.00
		1	49	18.06	18.21	18.20	19.00
		25	0	18.17	18.17	18.06	19.00
		25	13	18.18	18.03	18.19	19.00
		25	25	18.18	18.19	18.18	19.00
		50	0	18.14	18.13	18.14	19.00
	16QAM	1	0	18.13	18.04	18.15	19.00
		1	25	18.19	18.26	18.20	19.00
		1	49	18.14	18.15	18.12	19.00
		25	0	18.10	17.99	18.25	19.00
		25	13	18.12	18.17	18.14	19.00
		25	25	18.20	18.14	18.04	19.00
		50	0	18.11	18.08	18.19	19.00
	64QAM	1	0	18.15	18.17	18.21	19.00
		1	25	18.13	18.18	18.14	19.00
		1	49	18.08	18.05	18.20	19.00
		25	0	18.18	18.18	18.19	19.00
		25	13	18.22	18.12	18.11	19.00
		25	25	18.13	18.06	18.28	19.00
		50	0	18.13	18.25	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.13	18.14	18.08	19.00
		1	38	18.07	18.05	18.21	19.00
		1	74	18.16	18.17	18.16	19.00
		36	0	18.13	18.12	18.14	19.00
		36	18	18.10	18.10	18.13	19.00
		36	39	18.16	18.21	18.19	19.00
		75	0	18.16	18.14	18.08	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 376 of 960

	16QAM	1	0	18.06	18.07	18.15	19.00
		1	38	18.19	18.21	18.25	19.00
		1	74	18.16	18.15	18.14	19.00
		36	0	18.17	18.01	18.19	19.00
		36	18	18.14	18.19	18.20	19.00
		36	39	18.09	18.12	18.02	19.00
		75	0	18.06	18.04	18.20	19.00
	64QAM	1	0	18.16	18.20	18.13	19.00
		1	38	18.14	18.14	18.15	19.00
		1	74	18.12	17.96	18.21	19.00
		36	0	18.10	18.18	18.20	19.00
		36	18	18.09	18.16	18.15	19.00
		36	39	18.10	18.08	18.20	19.00
		75	0	18.08	18.16	18.18	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.12	18.13	18.10	19.00
		1	50	18.11	18.01	18.21	19.00
		1	99	18.17	18.16	18.17	19.00
		50	0	18.20	18.14	18.07	19.00
		50	25	18.05	18.00	18.24	19.00
		50	50	18.14	18.25	18.22	19.00
		100	0	18.21	18.12	18.12	19.00
	16QAM	1	0	18.12	18.09	18.16	19.00
		1	50	18.11	18.18	18.15	19.00
		1	99	18.15	18.21	18.08	19.00
		50	0	18.08	18.01	18.20	19.00
		50	25	18.18	18.20	18.23	19.00
		50	50	18.17	18.14	18.14	19.00
		100	0	18.08	18.11	18.17	19.00
	64QAM	1	0	18.20	18.23	18.22	19.00
		1	50	18.09	18.16	18.06	19.00
		1	99	18.12	18.02	18.20	19.00
		50	0	18.12	18.13	18.19	19.00
		50	25	18.18	18.13	18.11	19.00
		50	50	18.14	18.02	18.18	19.00
		100	0	18.08	18.23	18.21	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 377 of 960

LTE Band 4 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.68	20.50	20.63	21.50
		1	2	20.56	20.57	20.57	21.50
		1	5	20.62	20.55	20.59	21.50
		3	0	20.66	20.48	20.64	21.50
		3	2	20.64	20.60	20.57	21.50
		3	3	20.61	20.52	20.57	21.50
		6	0	20.66	20.46	20.61	21.50
	16QAM	1	0	20.63	20.59	20.55	21.50
		1	2	20.67	20.54	20.57	21.50
		1	5	20.70	20.51	20.63	21.50
		3	0	20.64	20.55	20.51	21.50
		3	2	20.62	20.52	20.53	21.50
		3	3	20.69	20.48	20.63	21.50
		6	0	20.59	20.53	20.53	21.50
	64QAM	1	0	20.61	20.48	20.58	21.50
		1	2	20.68	20.51	20.61	21.50
		1	5	20.60	20.59	20.50	21.50
		3	0	20.68	20.49	20.58	21.50
		3	2	20.68	20.51	20.63	21.50
		3	3	20.58	20.53	20.53	21.50
		6	0	20.68	20.51	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.67	20.47	20.61	21.50
		1	7	20.61	20.59	20.51	21.50
		1	14	20.66	20.52	20.52	21.50
		8	0	20.70	20.52	20.57	21.50
		8	4	20.58	20.56	20.56	21.50
		8	7	20.67	20.53	20.59	21.50
		15	0	20.73	20.45	20.64	21.50
	16QAM	1	0	20.56	20.56	20.57	21.50
		1	7	20.66	20.50	20.59	21.50
		1	14	20.67	20.52	20.62	21.50
		8	0	20.64	20.54	20.52	21.50
		8	4	20.66	20.55	20.59	21.50
		8	7	20.73	20.52	20.63	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 378 of 960

		15	0	20.56	20.55	20.51	21.50
	64QAM	1	0	20.63	20.49	20.56	21.50
		1	7	20.69	20.52	20.62	21.50
		1	14	20.59	20.52	20.55	21.50
		8	0	20.63	20.53	20.60	21.50
		8	4	20.71	20.45	20.64	21.50
		8	7	20.56	20.53	20.58	21.50
		15	0	20.61	20.54	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.74	20.47	20.60	21.50
		1	13	20.64	20.54	20.54	21.50
		1	24	20.68	20.49	20.54	21.50
		12	0	20.72	20.52	20.65	21.50
		12	6	20.62	20.52	20.57	21.50
		12	13	20.65	20.52	20.54	21.50
		25	0	20.74	20.51	20.64	21.50
	16QAM	1	0	20.58	20.54	20.57	21.50
		1	13	20.65	20.49	20.59	21.50
		1	24	20.72	20.46	20.61	21.50
		12	0	20.58	20.59	20.55	21.50
		12	6	20.65	20.52	20.60	21.50
		12	13	20.73	20.52	20.63	21.50
		25	0	20.60	20.53	20.50	21.50
	64QAM	1	0	20.68	20.48	20.56	21.50
		1	13	20.73	20.47	20.60	21.50
		1	24	20.61	20.55	20.54	21.50
		12	0	20.61	20.56	20.52	21.50
		12	6	20.66	20.51	20.62	21.50
		12	13	20.57	20.53	20.52	21.50
		25	0	20.62	20.54	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.69	20.51	20.58	21.50
		1	25	20.61	20.59	20.53	21.50
		1	49	20.63	20.50	20.52	21.50
		25	0	20.68	20.47	20.65	21.50
		25	13	20.63	20.54	20.52	21.50
		25	25	20.64	20.56	20.54	21.50
		50	0	20.70	20.45	20.63	21.50
	16QAM	1	0	20.62	20.57	20.58	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 379 of 960

		1	25	20.69	20.52	20.54	21.50
		1	49	20.70	20.48	20.57	21.50
		25	0	20.60	20.60	20.52	21.50
		25	13	20.63	20.49	20.57	21.50
		25	25	20.68	20.46	20.60	21.50
		50	0	20.56	20.57	20.51	21.50
	64QAM	1	0	20.63	20.51	20.59	21.50
		1	25	20.71	20.52	20.62	21.50
		1	49	20.59	20.56	20.50	21.50
		25	0	20.63	20.50	20.59	21.50
		25	13	20.66	20.50	20.63	21.50
		25	25	20.64	20.55	20.57	21.50
		50	0	20.64	20.49	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.74	20.47	20.61	21.50
		1	38	20.58	20.54	20.50	21.50
		1	74	20.62	20.52	20.56	21.50
		36	0	20.69	20.47	20.59	21.50
		36	18	20.57	20.59	20.55	21.50
		36	39	20.65	20.51	20.56	21.50
		75	0	20.67	20.50	20.64	21.50
	16QAM	1	0	20.59	20.56	20.52	21.50
		1	38	20.67	20.50	20.60	21.50
		1	74	20.67	20.49	20.62	21.50
		36	0	20.62	20.56	20.54	21.50
		36	18	20.66	20.52	20.55	21.50
		36	39	20.74	20.51	20.59	21.50
		75	0	20.61	20.57	20.54	21.50
	64QAM	1	0	20.67	20.55	20.55	21.50
		1	38	20.74	20.46	20.59	21.50
		1	74	20.57	20.58	20.52	21.50
		36	0	20.68	20.51	20.52	21.50
		36	18	20.68	20.48	20.64	21.50
		36	39	20.61	20.56	20.53	21.50
		75	0	20.66	20.55	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.69	20.51	20.64	21.50
		1	50	20.62	20.56	20.53	21.50
		1	99	20.63	20.49	20.53	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 380 of 960

		50	0	20.70	20.53	20.63	21.50
		50	25	20.64	20.59	20.54	21.50
		50	50	20.68	20.56	20.58	21.50
		100	0	20.66	20.47	20.60	21.50
	16QAM	1	0	20.57	20.57	20.56	21.50
		1	50	20.61	20.50	20.59	21.50
		1	99	20.68	20.49	20.59	21.50
		50	0	20.63	20.54	20.56	21.50
		50	25	20.67	20.55	20.57	21.50
		50	50	20.67	20.53	20.62	21.50
		100	0	20.61	20.60	20.55	21.50
	64QAM	1	0	20.68	20.51	20.60	21.50
		1	50	20.73	20.46	20.62	21.50
		1	99	20.63	20.57	20.53	21.50
		50	0	20.68	20.54	20.55	21.50
		50	25	20.73	20.47	20.58	21.50
		50	50	20.63	20.52	20.52	21.50
		100	0	20.66	20.50	20.56	21.50

LTE Band 4 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.17	17.97	18.09	19.00
		1	2	17.97	18.03	18.04	19.00
		1	5	18.07	18.02	18.08	19.00
		3	0	18.12	17.96	18.06	19.00
		3	2	18.06	18.01	18.02	19.00
		3	3	18.05	17.97	18.04	19.00
		6	0	18.10	17.91	18.05	19.00
	16QAM	1	0	18.10	18.03	18.02	19.00
		1	2	18.15	17.97	18.06	19.00
		1	5	18.12	17.97	18.07	19.00
		3	0	18.12	18.02	17.95	19.00
		3	2	18.03	17.96	17.97	19.00
		3	3	18.12	17.96	18.05	19.00
		6	0	18.06	18.00	17.97	19.00
	64QAM	1	0	18.09	17.93	18.05	19.00
		1	2	18.11	17.93	18.05	19.00
		1	5	18.01	18.04	17.94	19.00
		3	0	18.12	17.92	18.07	19.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 381 of 960

		3	2	18.16	17.98	18.07	19.00
		3	3	18.02	17.98	17.98	19.00
		6	0	18.11	17.94	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.11	17.90	18.10	19.00
		1	7	18.02	18.00	17.99	19.00
		1	14	18.14	17.93	18.01	19.00
		8	0	18.16	17.96	18.06	19.00
		8	4	18.03	18.02	18.00	19.00
		8	7	18.09	17.96	18.01	19.00
		15	0	18.22	17.93	18.08	19.00
	16QAM	1	0	17.97	18.03	18.03	19.00
		1	7	18.14	17.96	18.02	19.00
		1	14	18.08	18.00	18.11	19.00
		8	0	18.11	17.99	18.00	19.00
		8	4	18.14	18.03	18.08	19.00
		8	7	18.16	17.96	18.09	19.00
		15	0	18.03	18.01	17.99	19.00
	64QAM	1	0	18.10	17.97	18.04	19.00
		1	7	18.18	17.93	18.07	19.00
		1	14	18.00	17.94	17.98	19.00
		8	0	18.12	18.01	18.01	19.00
		8	4	18.16	17.93	18.13	19.00
		8	7	17.97	17.98	18.03	19.00
		15	0	18.04	17.96	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.22	17.95	18.06	19.00
		1	13	18.05	17.98	18.03	19.00
		1	24	18.13	17.97	18.00	19.00
		12	0	18.18	17.97	18.10	19.00
		12	6	18.04	17.97	17.99	19.00
		12	13	18.11	18.01	18.03	19.00
		25	0	18.21	17.94	18.10	19.00
	16QAM	1	0	18.02	18.03	17.99	19.00
		1	13	18.06	17.91	18.03	19.00
		1	24	18.20	17.88	18.10	19.00
		12	0	18.03	18.01	17.98	19.00
		12	6	18.10	17.99	18.02	19.00
12		13	18.15	18.00	18.12	19.00	



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Report No.: SZCR250100007807

Page: 383 of 960

		1	38	18.10	17.91	18.02	19.00
		1	74	18.14	17.90	18.04	19.00
		36	0	18.06	17.97	17.97	19.00
		36	18	18.07	17.97	17.99	19.00
		36	39	18.19	17.95	18.01	19.00
		75	0	18.07	18.02	17.95	19.00
	64QAM	1	0	18.14	17.96	18.00	19.00
		1	38	18.22	17.95	18.01	19.00
		1	74	18.05	18.04	17.95	19.00
		36	0	18.12	17.97	17.95	19.00
		36	18	18.10	17.94	18.11	19.00
		36	39	18.08	18.02	17.99	19.00
		75	0	18.11	18.02	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	18.17	17.94	18.08	19.00
		1	50	18.07	18.05	17.96	19.00
		1	99	18.06	17.98	17.94	19.00
		50	0	18.18	18.02	18.05	19.00
		50	25	18.13	18.04	18.01	19.00
		50	50	18.09	18.01	18.00	19.00
		100	0	18.07	17.95	18.09	19.00
	16QAM	1	0	18.05	17.98	17.99	19.00
		1	50	18.03	17.94	18.03	19.00
		1	99	18.16	17.90	18.06	19.00
		50	0	18.10	18.00	17.97	19.00
		50	25	18.15	18.01	18.05	19.00
		50	50	18.11	17.99	18.03	19.00
		100	0	18.10	18.03	17.99	19.00
	64QAM	1	0	18.11	17.96	18.03	19.00
		1	50	18.16	17.93	18.10	19.00
		1	99	18.07	18.06	17.99	19.00
		50	0	18.15	17.95	18.04	19.00
		50	25	18.22	17.90	18.07	19.00
		50	50	18.12	17.96	18.01	19.00
		100	0	18.07	17.93	18.02	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 384 of 960

LTE Band 5 DSI2/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.55	20.59	20.64	21.50
		1	2	20.54	20.59	20.60	21.50
		1	5	20.53	20.62	20.62	21.50
		3	0	20.54	20.62	20.65	21.50
		3	2	20.60	20.57	20.60	21.50
		3	3	20.52	20.61	20.68	21.50
		6	0	20.58	20.59	20.61	21.50
	16QAM	1	0	20.62	20.61	20.65	21.50
		1	2	20.58	20.65	20.69	21.50
		1	5	20.57	20.59	20.64	21.50
		3	0	20.57	20.63	20.60	21.50
		3	2	20.60	20.61	20.62	21.50
		3	3	20.57	20.65	20.62	21.50
		6	0	20.55	20.61	20.60	21.50
	64QAM	1	0	20.57	20.62	20.68	21.50
		1	2	20.53	20.65	20.67	21.50
		1	5	20.55	20.63	20.62	21.50
		3	0	20.56	20.58	20.69	21.50
		3	2	20.53	20.60	20.67	21.50
		3	3	20.56	20.61	20.66	21.50
		6	0	20.52	20.58	20.65	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.57	20.62	20.69	21.50
		1	7	20.60	20.63	20.66	21.50
		1	14	20.59	20.63	20.69	21.50
		8	0	20.53	20.63	20.62	21.50
		8	4	20.59	20.63	20.62	21.50
		8	7	20.58	20.66	20.68	21.50
		15	0	20.59	20.62	20.61	21.50
	16QAM	1	0	20.58	20.57	20.59	21.50
		1	7	20.52	20.58	20.67	21.50
		1	14	20.55	20.65	20.62	21.50
		8	0	20.59	20.57	20.60	21.50
		8	4	20.58	20.62	20.64	21.50
		8	7	20.59	20.58	20.67	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 386 of 960

		1	25	20.54	20.61	20.70	21.50
		1	49	20.58	20.58	20.65	21.50
		25	0	20.54	20.62	20.64	21.50
		25	13	20.54	20.62	20.62	21.50
		25	25	20.58	20.62	20.67	21.50
		50	0	20.57	20.58	20.60	21.50
	64QAM	1	0	20.56	20.58	20.68	21.50
		1	25	20.59	20.59	20.69	21.50
		1	49	20.55	20.60	20.64	21.50
		25	0	20.53	20.61	20.63	21.50
		25	13	20.54	20.62	20.64	21.50
		25	25	20.57	20.64	20.66	21.50
		50	0	20.52	20.61	20.70	21.50

LTE Band 7 DSI2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.34	20.36	20.28	21.20
		1	13	20.26	20.23	20.25	21.20
		1	24	20.23	20.33	20.26	21.20
		12	0	20.36	20.31	20.30	21.20
		12	6	20.22	20.21	20.31	21.20
		12	13	20.24	20.33	20.26	21.20
		25	0	20.37	20.30	20.32	21.20
	16QAM	1	0	20.20	20.25	20.30	21.20
		1	13	20.28	20.31	20.28	21.20
		1	24	20.39	20.33	20.34	21.20
		12	0	20.27	20.23	20.32	21.20
		12	6	20.30	20.26	20.28	21.20
		12	13	20.36	20.30	20.32	21.20
		25	0	20.23	20.27	20.25	21.20
	64QAM	1	0	20.22	20.32	20.26	21.20
		1	13	20.35	20.33	20.32	21.20
		1	24	20.19	20.28	20.27	21.20
		12	0	20.28	20.27	20.29	21.20
		12	6	20.33	20.30	20.29	21.20
		12	13	20.24	20.25	20.29	21.20
		25	0	20.26	20.30	20.24	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 388 of 960

		36	18	20.36	20.30	20.34	21.20
		36	39	20.20	20.26	20.28	21.20
		75	0	20.22	20.29	20.26	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.33	20.35	20.32	21.20
		1	50	20.19	20.25	20.31	21.20
		1	99	20.27	20.31	20.26	21.20
		50	0	20.33	20.32	20.28	21.20
		50	25	20.27	20.21	20.27	21.20
		50	50	20.29	20.27	20.29	21.20
		100	0	20.40	20.35	20.27	21.20
	16QAM	1	0	20.19	20.28	20.29	21.20
		1	50	20.30	20.34	20.24	21.20
		1	99	20.34	20.38	20.33	21.20
		50	0	20.21	20.26	20.29	21.20
		50	25	20.23	20.33	20.26	21.20
		50	50	20.35	20.37	20.28	21.20
		100	0	20.27	20.27	20.28	21.20
	64QAM	1	0	20.24	20.31	20.28	21.20
		1	50	20.32	20.37	20.31	21.20
		1	99	20.22	20.22	20.32	21.20
		50	0	20.30	20.32	20.24	21.20
		50	25	20.35	20.32	20.28	21.20
		50	50	20.24	20.21	20.25	21.20
		100	0	20.24	20.32	20.24	21.20

LTE Band 7 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.35	18.39	18.36	19.20
		1	13	18.27	18.27	18.29	19.20
		1	24	18.30	18.41	18.29	19.20
		12	0	18.37	18.38	18.35	19.20
		12	6	18.26	18.30	18.35	19.20
		12	13	18.29	18.35	18.34	19.20
		25	0	18.38	18.33	18.36	19.20
	16QAM	1	0	18.24	18.33	18.32	19.20
		1	13	18.34	18.36	18.37	19.20
		1	24	18.45	18.42	18.40	19.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 389 of 960

		12	0	18.29	18.28	18.36	19.20
		12	6	18.38	18.35	18.29	19.20
		12	13	18.40	18.36	18.39	19.20
		25	0	18.25	18.30	18.30	19.20
	64QAM	1	0	18.23	18.36	18.31	19.20
		1	13	18.36	18.37	18.39	19.20
		1	24	18.20	18.34	18.30	19.20
		12	0	18.30	18.29	18.38	19.20
		12	6	18.42	18.32	18.36	19.20
		12	13	18.31	18.27	18.36	19.20
		25	0	18.30	18.33	18.30	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
		1	0	18.40	18.42	18.30	19.20
		1	25	18.33	18.26	18.28	19.20
		1	49	18.34	18.37	18.32	19.20
		25	0	18.49	18.42	18.37	19.20
		25	13	18.27	18.26	18.29	19.20
		25	25	18.27	18.31	18.32	19.20
		50	0	18.43	18.37	18.34	19.20
		1	0	18.29	18.32	18.31	19.20
		1	25	18.32	18.35	18.31	19.20
		1	49	18.38	18.36	18.32	19.20
		25	0	18.27	18.22	18.36	19.20
		25	13	18.23	18.31	18.31	19.20
		25	25	18.43	18.44	18.39	19.20
		50	0	18.26	18.30	18.30	19.20
		1	0	18.39	18.37	18.36	19.20
		1	25	18.38	18.41	18.41	19.20
		1	49	18.32	18.27	18.39	19.20
		25	0	18.32	18.37	18.34	19.20
		25	13	18.45	18.39	18.37	19.20
		25	25	18.29	18.29	18.33	19.20
		50	0	18.32	18.31	18.28	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
		1	0	18.43	18.40	18.42	19.20
		1	38	18.21	18.34	18.40	19.20
		1	74	18.25	18.41	18.34	19.20
		36	0	18.36	18.42	18.32	19.20
		36	18	18.26	18.29	18.35	19.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 391 of 960

LTE Band 66 DS12/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.57	20.51	20.59	21.50
		1	2	20.56	20.53	20.60	21.50
		1	5	20.46	20.42	20.55	21.50
		3	0	20.64	20.50	20.63	21.50
		3	1	20.52	20.55	20.59	21.50
		3	3	20.49	20.43	20.56	21.50
		6	0	20.57	20.49	20.64	21.50
	16QAM	1	0	20.57	20.60	20.67	21.50
		1	2	20.50	20.46	20.51	21.50
		1	5	20.58	20.50	20.65	21.50
		3	0	20.52	20.55	20.61	21.50
		3	1	20.50	20.44	20.58	21.50
		3	3	20.64	20.52	20.61	21.50
		6	0	20.51	20.55	20.64	21.50
	64QAM	1	0	20.45	20.42	20.50	21.50
		1	2	20.59	20.52	20.60	21.50
		1	5	20.50	20.53	20.63	21.50
		3	0	20.47	20.47	20.55	21.50
		3	1	20.56	20.51	20.62	21.50
		3	3	20.55	20.59	20.65	21.50
		6	0	20.44	20.42	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.63	20.55	20.65	21.50
		1	7	20.50	20.55	20.65	21.50
		1	14	20.43	20.42	20.55	21.50
		8	0	20.62	20.49	20.65	21.50
		8	4	20.54	20.59	20.59	21.50
		8	7	20.50	20.42	20.53	21.50
		15	0	20.61	20.50	20.61	21.50
	16QAM	1	0	20.53	20.58	20.60	21.50
		1	7	20.42	20.48	20.53	21.50
		1	14	20.63	20.51	20.57	21.50
		8	0	20.56	20.52	20.67	21.50
		8	4	20.47	20.43	20.54	21.50
		8	7	20.60	20.47	20.57	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 392 of 960

		15	0	20.51	20.54	20.60	21.50	
	64QAM	1	0	20.44	20.44	20.55	21.50	
		1	7	20.63	20.55	20.60	21.50	
		1	14	20.50	20.57	20.62	21.50	
		8	0	20.50	20.46	20.54	21.50	
		8	4	20.57	20.53	20.64	21.50	
		8	7	20.51	20.53	20.62	21.50	
		15	0	20.48	20.43	20.52	21.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
131997	132322					132647		
5MHz	QPSK	1	0	20.64	20.49	20.59	21.50	
		1	13	20.53	20.55	20.59	21.50	
		1	24	20.48	20.41	20.57	21.50	
		12	0	20.63	20.51	20.59	21.50	
		12	6	20.52	20.54	20.60	21.50	
		12	13	20.44	20.41	20.58	21.50	
		25	0	20.61	20.47	20.59	21.50	
	16QAM	1	0	20.51	20.57	20.67	21.50	
		1	13	20.49	20.44	20.56	21.50	
		1	24	20.56	20.48	20.65	21.50	
		12	0	20.57	20.59	20.67	21.50	
		12	6	20.43	20.46	20.52	21.50	
		12	13	20.58	20.47	20.60	21.50	
		25	0	20.50	20.57	20.66	21.50	
	64QAM	1	0	20.42	20.46	20.50	21.50	
		1	13	20.64	20.47	20.60	21.50	
		1	24	20.52	20.52	20.59	21.50	
		12	0	20.44	20.42	20.52	21.50	
		12	6	20.56	20.49	20.65	21.50	
		12	13	20.54	20.59	20.64	21.50	
		25	0	20.42	20.46	20.58	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	20.63	20.53	20.64	21.50
1			25	20.50	20.54	20.65	21.50	
1			49	20.50	20.44	20.52	21.50	
25			0	20.58	20.48	20.64	21.50	
25			13	20.56	20.57	20.67	21.50	
25			25	20.49	20.40	20.57	21.50	
50			0	20.58	20.47	20.63	21.50	
16QAM		1	0	20.53	20.60	20.63	21.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 394 of 960

		50	0	20.61	20.54	20.57	21.50
		50	25	20.52	20.55	20.65	21.50
		50	50	20.48	20.46	20.52	21.50
		100	0	20.56	20.49	20.58	21.50
	16QAM	1	0	20.53	20.57	20.62	21.50
		1	50	20.46	20.47	20.56	21.50
		1	99	20.58	20.49	20.62	21.50
		50	0	20.58	20.52	20.67	21.50
		50	25	20.45	20.45	20.56	21.50
		50	50	20.64	20.52	20.65	21.50
		100	0	20.56	20.53	20.60	21.50
	64QAM	1	0	20.42	20.40	20.58	21.50
		1	50	20.58	20.51	20.63	21.50
		1	99	20.55	20.58	20.60	21.50
		50	0	20.43	20.41	20.55	21.50
		50	25	20.62	20.52	20.57	21.50
		50	50	20.58	20.53	20.62	21.50
		100	0	20.45	20.45	20.56	21.50

LTE Band 66 DSI4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.00	17.94	18.01	19.00
		1	2	18.00	17.97	18.05	19.00
		1	5	17.92	17.91	17.97	19.00
		3	0	18.05	17.94	18.06	19.00
		3	1	17.96	18.01	18.03	19.00
		3	3	17.90	17.89	17.99	19.00
		6	0	18.01	17.96	18.06	19.00
	16QAM	1	0	18.04	18.01	18.12	19.00
		1	2	17.99	17.95	17.98	19.00
		1	5	18.02	17.91	18.06	19.00
		3	0	17.99	17.98	18.07	19.00
		3	1	17.91	17.85	18.07	19.00
		3	3	18.10	17.98	18.05	19.00
		6	0	17.93	18.04	18.07	19.00
	64QAM	1	0	17.89	17.86	17.96	19.00
		1	2	18.03	17.95	18.06	19.00
		1	5	17.93	18.02	18.10	19.00
		3	0	17.95	17.90	18.01	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 395 of 960

		3	1	17.97	17.92	18.10	19.00
		3	3	18.01	18.00	18.06	19.00
		6	0	17.85	17.85	17.97	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.04	18.04	18.06	19.00
		1	7	17.94	17.97	18.06	19.00
		1	14	17.88	17.88	17.97	19.00
		8	0	18.03	17.95	18.09	19.00
		8	4	17.97	18.00	18.02	19.00
		8	7	17.98	17.90	17.97	19.00
		15	0	18.08	17.96	18.03	19.00
	16QAM	1	0	18.01	17.99	18.09	19.00
		1	7	17.84	17.95	17.98	19.00
		1	14	18.08	17.93	18.02	19.00
		8	0	18.04	17.99	18.11	19.00
		8	4	17.92	17.90	17.95	19.00
		8	7	18.03	17.92	18.01	19.00
		15	0	18.00	17.99	18.07	19.00
	64QAM	1	0	17.90	17.91	18.04	19.00
		1	7	18.06	18.00	18.04	19.00
		1	14	17.92	18.04	18.08	19.00
		8	0	17.92	17.90	17.99	19.00
		8	4	18.04	17.97	18.08	19.00
		8	7	17.97	18.01	18.09	19.00
		15	0	17.93	17.84	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.13	17.94	18.05	19.00
		1	13	17.98	17.99	18.07	19.00
		1	24	17.91	17.87	18.01	19.00
		12	0	18.05	17.98	18.06	19.00
		12	6	17.99	17.95	18.06	19.00
		12	13	17.91	17.82	18.02	19.00
		25	0	18.03	17.88	18.07	19.00
	16QAM	1	0	17.95	18.00	18.08	19.00
		1	13	17.93	17.92	18.04	19.00
		1	24	18.01	17.97	18.10	19.00
		12	0	18.04	18.02	18.12	19.00
		12	6	17.89	17.91	18.01	19.00
		12	13	18.01	17.91	18.07	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 397 of 960

		1	38	17.97	17.85	17.95	19.00	
		1	74	18.07	18.02	18.14	19.00	
		36	0	17.96	17.97	18.09	19.00	
		36	18	17.92	17.90	18.05	19.00	
		36	39	18.08	17.90	18.05	19.00	
		75	0	17.96	18.07	18.04	19.00	
		64QAM	1	0	17.88	17.93	18.02	19.00
			1	38	17.97	18.00	18.06	19.00
			1	74	18.01	18.07	18.12	19.00
			36	0	17.83	17.87	17.98	19.00
			36	18	18.09	17.91	18.06	19.00
			36	39	17.97	17.97	18.16	19.00
	75	0	17.90	17.83	18.06	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	18.03	17.96	18.07	19.00	
		1	50	18.04	18.06	18.06	19.00	
		1	99	17.88	17.89	17.97	19.00	
		50	0	18.03	18.01	18.01	19.00	
		50	25	17.94	18.04	18.06	19.00	
		50	50	17.93	17.88	17.95	19.00	
		100	0	17.98	17.96	18.02	19.00	
	16QAM	1	0	17.99	17.98	18.04	19.00	
		1	50	17.92	17.91	17.99	19.00	
		1	99	17.99	17.95	18.06	19.00	
		50	0	18.00	17.98	18.10	19.00	
		50	25	17.93	17.91	18.03	19.00	
		50	50	18.12	17.93	18.10	19.00	
		100	0	18.01	17.97	18.05	19.00	
	64QAM	1	0	17.86	17.86	18.07	19.00	
		1	50	18.01	17.93	18.04	19.00	
		1	99	18.03	18.04	18.01	19.00	
		50	0	17.91	17.87	18.04	19.00	
		50	25	18.03	17.96	18.04	19.00	
		50	50	18.00	17.98	18.07	19.00	
		100	0	17.89	17.91	18.05	19.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 398 of 960

LTE Band 38 DS12/3/4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.69	20.68	20.66	21.70
		1	13	20.67	20.58	20.62	21.70
		1	24	20.56	20.59	20.54	21.70
		12	0	20.71	20.66	20.63	21.70
		12	6	20.61	20.59	20.62	21.70
		12	13	20.58	20.57	20.55	21.70
	16QAM	25	0	20.72	20.70	20.64	21.70
		1	0	20.66	20.62	20.57	21.70
		1	13	20.53	20.55	20.62	21.70
		1	24	20.68	20.64	20.61	21.70
		12	0	20.65	20.60	20.59	21.70
		12	6	20.56	20.55	20.54	21.70
	64QAM	12	13	20.68	20.62	20.68	21.70
		25	0	20.69	20.60	20.65	21.70
		1	0	20.57	20.56	20.59	21.70
		1	13	20.69	20.63	20.67	21.70
		1	24	20.64	20.64	20.65	21.70
		12	0	20.55	20.52	20.58	21.70
10MHz	QPSK	12	6	20.75	20.66	20.62	21.70
		12	13	20.61	20.63	20.58	21.70
		25	0	20.53	20.52	20.57	21.70
	16QAM	1	0	20.73	20.66	20.60	21.70
		1	25	20.66	20.63	20.60	21.70
		1	49	20.56	20.52	20.62	21.70
	QPSK	25	0	20.72	20.68	20.66	21.70
		25	13	20.63	20.59	20.57	21.70
		25	25	20.51	20.59	20.55	21.70
	16QAM	50	0	20.73	20.70	20.60	21.70
		1	0	20.65	20.58	20.61	21.70
		1	25	20.51	20.52	20.60	21.70
		1	49	20.70	20.66	20.61	21.70
		25	0	20.63	20.63	20.64	21.70
		25	13	20.58	20.55	20.61	21.70
		25	25	20.73	20.70	20.60	21.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 399 of 960

		50	0	20.65	20.61	20.58	21.70
		1	0	20.51	20.58	20.59	21.70
		1	25	20.73	20.64	20.65	21.70
		1	49	20.65	20.60	20.58	21.70
		25	0	20.54	20.55	20.60	21.70
		25	13	20.75	20.69	20.67	21.70
		25	25	20.64	20.59	20.64	21.70
		50	0	20.55	20.59	20.55	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.69	20.68	20.62	21.70
		1	38	20.66	20.61	20.59	21.70
		1	74	20.52	20.54	20.60	21.70
		36	0	20.68	20.70	20.63	21.70
		36	18	20.63	20.60	20.58	21.70
		36	39	20.51	20.54	20.62	21.70
		75	0	20.70	20.67	20.61	21.70
	16QAM	1	0	20.68	20.56	20.62	21.70
		1	38	20.57	20.54	20.56	21.70
		1	74	20.70	20.66	20.61	21.70
		36	0	20.62	20.58	20.57	21.70
		36	18	20.50	20.52	20.54	21.70
		36	39	20.73	20.67	20.66	21.70
		75	0	20.61	20.62	20.65	21.70
	64QAM	1	0	20.53	20.55	20.55	21.70
		1	38	20.67	20.69	20.67	21.70
		1	74	20.62	20.64	20.60	21.70
		36	0	20.53	20.58	20.56	21.70
		36	18	20.71	20.70	20.64	21.70
		36	39	20.65	20.57	20.57	21.70
		75	0	20.52	20.53	20.62	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.72	20.67	20.60	21.70
		1	50	20.69	20.60	20.63	21.70
		1	99	20.58	20.57	20.58	21.70
		50	0	20.72	20.64	20.60	21.70
		50	25	20.64	20.59	20.61	21.70
		50	50	20.57	20.52	20.54	21.70
		100	0	20.74	20.69	20.60	21.70
	16QAM	1	0	20.66	20.58	20.60	21.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 400 of 960

		1	50	20.52	20.54	20.62	21.70
		1	99	20.68	20.70	20.63	21.70
		50	0	20.69	20.56	20.60	21.70
		50	25	20.54	20.52	20.58	21.70
		50	50	20.68	20.70	20.61	21.70
		100	0	20.66	20.58	20.61	21.70
	64QAM	1	0	20.51	20.55	20.55	21.70
		1	50	20.71	20.65	20.62	21.70
		1	99	20.64	20.63	20.62	21.70
		50	0	20.52	20.56	20.62	21.70
		50	25	20.69	20.64	20.64	21.70
		50	50	20.66	20.63	20.61	21.70
		100	0	20.55	20.57	20.57	21.70

LTE Band 41 2496 - 2690 DSI2/3/4/5/8/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.79	20.72	20.63	20.64	20.64	21.70
		1	13	20.72	20.69	20.69	20.66	20.7	21.70
		1	24	20.59	20.61	20.66	20.62	20.63	21.70
		12	0	20.8	20.68	20.69	20.67	20.68	21.70
		12	6	20.66	20.64	20.66	20.62	20.62	21.70
		12	13	20.64	20.61	20.56	20.62	20.56	21.70
		25	0	20.83	20.73	20.64	20.66	20.68	21.70
	16QAM	1	0	20.75	20.6	20.67	20.61	20.68	21.70
		1	13	20.59	20.6	20.71	20.7	20.69	21.70
		1	24	20.74	20.78	20.64	20.71	20.64	21.70
		12	0	20.75	20.63	20.68	20.63	20.63	21.70
		12	6	20.57	20.53	20.67	20.63	20.64	21.70
		12	13	20.73	20.73	20.63	20.63	20.63	21.70
		25	0	20.73	20.6	20.69	20.68	20.67	21.70
	64QAM	1	0	20.58	20.61	20.56	20.62	20.56	21.70
		1	13	20.76	20.67	20.67	20.67	20.68	21.70
		1	24	20.66	20.65	20.63	20.64	20.63	21.70
		12	0	20.55	20.57	20.7	20.69	20.64	21.70
		12	6	20.77	20.66	20.65	20.72	20.72	21.70
		12	13	20.75	20.71	20.69	20.7	20.64	21.70
		25	0	20.57	20.63	20.65	20.62	20.66	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 401 of 960

10MHz	QPSK	1	0	20.73	20.69	20.69	20.66	20.64	21.70
		1	25	20.76	20.68	20.67	20.67	20.72	21.70
		1	49	20.67	20.61	20.6	20.64	20.62	21.70
		25	0	20.74	20.7	20.62	20.61	20.63	21.70
		25	13	20.65	20.62	20.63	20.66	20.65	21.70
		25	25	20.61	20.55	20.61	20.62	20.62	21.70
		50	0	20.78	20.74	20.63	20.68	20.67	21.70
	16QAM	1	0	20.74	20.63	20.66	20.69	20.66	21.70
		1	25	20.6	20.61	20.7	20.67	20.66	21.70
		1	49	20.7	20.74	20.72	20.71	20.67	21.70
		25	0	20.7	20.65	20.67	20.67	20.66	21.70
		25	13	20.6	20.55	20.61	20.65	20.61	21.70
		25	25	20.69	20.75	20.63	20.63	20.66	21.70
		50	0	20.71	20.62	20.69	20.64	20.65	21.70
	64QAM	1	0	20.57	20.61	20.56	20.6	20.63	21.70
		1	25	20.74	20.66	20.7	20.65	20.67	21.70
		1	49	20.69	20.65	20.68	20.64	20.64	21.70
		25	0	20.6	20.58	20.63	20.64	20.68	21.70
		25	13	20.75	20.66	20.68	20.7	20.67	21.70
		25	25	20.74	20.69	20.66	20.64	20.7	21.70
		50	0	20.63	20.58	20.59	20.63	20.64	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.77	20.7	20.68	20.69	20.69	21.70
		1	38	20.74	20.62	20.72	20.65	20.71	21.70
		1	74	20.65	20.62	20.65	20.65	20.61	21.70
		36	0	20.75	20.73	20.68	20.61	20.69	21.70
		36	18	20.7	20.62	20.66	20.66	20.63	21.70
		36	39	20.58	20.56	20.57	20.62	20.6	21.70
		75	0	20.77	20.78	20.64	20.64	20.65	21.70
	16QAM	1	0	20.71	20.61	20.66	20.68	20.62	21.70
		1	38	20.53	20.56	20.7	20.67	20.63	21.70
		1	74	20.73	20.72	20.69	20.7	20.7	21.70
		36	0	20.7	20.59	20.66	20.63	20.64	21.70
		36	18	20.61	20.57	20.66	20.6	20.6	21.70
		36	39	20.71	20.72	20.65	20.62	20.63	21.70
		75	0	20.73	20.6	20.64	20.65	20.68	21.70
	64QAM	1	0	20.52	20.63	20.61	20.6	20.56	21.70
		1	38	20.75	20.67	20.7	20.65	20.64	21.70
		1	74	20.69	20.64	20.69	20.64	20.67	21.70
36		0	20.53	20.57	20.71	20.69	20.68	21.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 402 of 960

		36	18	20.78	20.72	20.68	20.68	20.68	21.70
		36	39	20.71	20.72	20.69	20.67	20.64	21.70
		75	0	20.64	20.66	20.59	20.61	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.77	20.73	20.69	20.63	20.63	21.70
		1	50	20.75	20.67	20.67	20.71	20.72	21.70
		1	99	20.65	20.6	20.6	20.59	20.62	21.70
		50	0	20.74	20.73	20.67	20.66	20.63	21.70
		50	25	20.65	20.67	20.68	20.7	20.66	21.70
		50	50	20.66	20.58	20.6	20.55	20.59	21.70
		100	0	20.78	20.78	20.68	20.68	20.65	21.70
	16QAM	1	0	20.69	20.62	20.69	20.61	20.68	21.70
		1	50	20.58	20.56	20.65	20.63	20.68	21.70
		1	99	20.69	20.78	20.66	20.71	20.72	21.70
		50	0	20.76	20.59	20.69	20.61	20.62	21.70
		50	25	20.57	20.57	20.64	20.59	20.64	21.70
		50	50	20.71	20.75	20.62	20.69	20.65	21.70
		100	0	20.71	20.63	20.67	20.64	20.63	21.70
	64QAM	1	0	20.57	20.64	20.61	20.56	20.61	21.70
		1	50	20.74	20.72	20.65	20.64	20.68	21.70
		1	99	20.72	20.65	20.71	20.69	20.63	21.70
		50	0	20.61	20.59	20.7	20.66	20.65	21.70
		50	25	20.74	20.65	20.72	20.73	20.66	21.70
		50	50	20.67	20.7	20.63	20.64	20.69	21.70
		100	0	20.59	20.58	20.61	20.58	20.59	21.70



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5 Conducted Power of Intra Band LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA (Ant11)

Combination	Modulation	PCC					SCC					DSI2/5		DSI3		DSI4		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	18.78	19.70	17.66	18.70	23.35	24.20	16.56	17.20
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.85	19.70	17.56	18.70	23.42	24.20	16.65	17.20
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.82	19.70	17.59	18.70	23.38	24.20	16.61	17.20
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	18.79	19.70	17.62	18.70	23.41	24.20	16.59	17.20

Combination	Modulation	PCC					SCC					DSI2		DSI3		DSI4		DSI5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	20.32	21.20	19.09	20.20	23.9	24.70	20.86	21.70	18.38	19.20
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	20.26	21.20	19.15	20.20	23.87	24.70	20.88	21.70	18.41	19.20
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	20.39	21.20	19.11	20.20	23.89	24.70	20.84	21.70	18.36	19.20
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	20.36	21.20	19.05	20.20	23.91	24.70	20.91	21.70	18.33	19.20
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	20.28	21.20	19.08	20.20	23.93	24.70	20.83	21.70	18.4	19.20
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	20.31	21.20	19.13	20.20	23.83	24.70	20.85	21.70	18.45	19.20



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5.2 Conducted Power of LTE Uplink CA (Ant13)

Combination	Modulation	PCC					SCC					DSI2		DSI3		DSI4		DSI5		DSI8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	17.32	18.20	15.82	16.70	23.31	24.20	18.33	19.20	16.85	17.70
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	17.29	18.20	15.79	16.70	23.26	24.20	18.36	19.20	16.88	17.70
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	17.39	18.20	15.88	16.70	23.35	24.20	18.29	19.20	16.79	17.70
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	17.35	18.20	15.85	16.70	23.29	24.20	18.31	19.20	16.81	17.70

Combination	Modulation	PCC					SCC					DSI2/8/9/10		DSI3		DSI4		DSI5	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	18.54	19.20	17.58	18.20	23.95	24.70	20.48	21.20
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	18.59	19.20	17.54	18.20	23.84	24.70	20.53	21.20
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	18.61	19.20	17.53	18.20	23.94	24.70	20.51	21.20
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	18.54	19.20	17.48	18.20	24.02	24.70	20.49	21.20
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	18.6	19.20	17.52	18.20	23.96	24.70	20.56	21.20
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	18.62	19.20	17.59	18.20	23.89	24.70	20.47	21.20



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5.3 Conducted Power of LTE Uplink CA (Ant31)

Combination	Modulation	PCC					SCC					DSI2/3		DSI4/5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	23.82	24.20	21.69	22.20
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	23.75	24.20	21.71	22.20
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	23.71	24.20	21.75	22.20
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	23.69	24.20	21.66	22.20

Combination	Modulation	PCC					SCC					DSI2/3/4/5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	24.1	24.70
CA_41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	24.05	24.70
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	24.11	24.70
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	24.02	24.70
CA_41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	24.16	24.70
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	24.14	24.70



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6 Conducted Power of Intra Band LTE Downlink CA

6.1 Conducted Power of LTE Uplink CA (Ant11)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	23.28	23.22	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	23.10	23.22	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	23.21	23.24	24.20
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	23.56	23.65	24.70
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	23.73	23.69	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	23.71	23.75	24.70
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	23.74	23.68	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	23.57	23.65	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	23.77	23.55	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	23.79	23.68	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	23.60	23.58	24.70
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.05	23.14	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.11	23.06	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.14	23.13	24.20
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	23.22	23.10	24.20
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.08	23.21	24.20
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	23.15	23.26	24.20
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	23.11	23.19	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	23.08	23.09	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	23.30	23.19	24.20
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	23.14	23.17	24.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	23.05	23.24	24.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	23.16	23.05	24.20
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	23.13	23.12	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.19	23.19	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	23.08	23.30	24.20
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	23.70	23.64	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 407 of 960

	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	23.60	23.64	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	23.70	23.60	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	23.67	23.73	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	23.69	23.55	24.70
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	23.12	23.19	24.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	23.23	23.07	24.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	23.09	23.06	24.20
CA_2A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	23.26	23.20	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	23.14	23.22	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	23.23	23.30	24.20
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	23.57	23.75	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	23.73	23.80	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	23.61	23.79	24.70
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	23.08	23.27	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	23.07	23.30	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	23.06	23.11	24.20
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	23.27	23.24	24.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	23.12	23.26	24.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	23.12	23.29	24.20
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	23.24	23.13	24.20
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	23.09	23.29	24.20
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	23.12	23.18	24.20
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	23.07	23.22	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	23.20	23.30	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	23.18	23.22	24.20
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	23.10	23.16	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	23.30	23.07	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	23.26	23.16	24.20
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	23.76	23.69	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	23.76	23.74	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	23.79	23.64	24.70
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	23.79	23.67	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	23.63	23.56	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 408 of 960

	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	23.78	23.64	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	23.76	23.77	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	23.66	23.59	24.70
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	23.23	23.08	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	23.16	23.26	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	23.21	23.14	24.20
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	23.11	23.15	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	23.21	23.25	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	23.10	23.17	24.20
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	23.14	23.25	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	23.25	23.17	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	23.07	23.12	24.20
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	23.11	23.14	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	23.29	23.28	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	23.23	23.19	24.20
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	23.65	23.59	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	23.64	23.62	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	23.72	23.57	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	23.60	23.71	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	23.55	23.78	24.70
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	23.75	23.69	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	23.56	23.59	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	23.64	23.75	24.70
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	23.25	23.17	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	23.26	23.30	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	23.20	23.25	24.20
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.30	23.30	24.20
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.28	23.18	24.20
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.07	23.09	24.20



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6.2 Conducted Power of LTE Uplink CA (Ant13)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	22.98	23.07	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	22.95	23.00	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	23.02	23.02	24.20
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	23.54	23.54	24.70
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	23.51	23.45	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	23.47	23.48	24.70
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	23.50	23.53	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	23.45	23.59	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	23.45	23.53	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	23.58	23.48	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	23.50	23.54	24.70
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.38	23.25	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.26	23.36	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.40	23.31	24.50
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.30	23.33	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.33	23.39	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.33	23.25	24.50
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	23.01	23.06	24.20
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.06	22.95	24.20
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	22.98	22.96	24.20
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	23.39	23.39	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	23.38	23.33	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	23.34	23.40	24.50
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	23.29	23.31	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	23.40	23.35	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	23.25	23.30	24.50
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	23.30	23.37	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	23.34	23.29	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	23.35	23.29	24.50
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.28	23.37	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.28	23.28	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 410 of 960

	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.38	23.28	24.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	22.99	23.08	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.07	23.07	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	23.06	23.00	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	23.06	23.00	24.20
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	23.54	23.51	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	23.57	23.54	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	23.59	23.54	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	23.59	23.49	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	23.55	23.46	24.70
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	23.35	23.29	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	23.35	23.27	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.35	23.30	24.50
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	23.30	23.26	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	23.29	23.37	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	23.40	23.30	24.50
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	23.32	23.40	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	23.35	23.26	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	23.27	23.27	24.50
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	23.27	23.26	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	23.32	23.32	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	23.35	23.32	24.50
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.40	23.39	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.26	23.25	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.34	23.27	24.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	23.08	23.00	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	23.08	23.09	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	23.02	23.08	24.20
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	23.37	23.40	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	23.29	23.32	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	23.31	23.34	24.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	23.53	23.57	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	23.59	23.54	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	23.45	23.51	24.70
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	23.35	23.26	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.37	23.27	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.39	23.36	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 411 of 960

	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	23.47	23.53	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	23.59	23.47	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	23.52	23.49	24.70
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	23.34	23.25	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.30	23.40	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.38	23.38	24.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	23.27	23.36	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	23.33	23.33	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	23.30	23.31	24.50
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	23.28	23.31	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	23.31	23.36	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	23.37	23.39	24.50
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	23.35	23.40	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	23.36	23.36	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	23.26	23.40	24.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	23.34	23.30	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	23.28	23.27	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	23.32	23.33	24.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	23.04	23.01	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	23.01	23.00	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	22.96	22.97	24.20
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	23.39	23.37	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	23.40	23.40	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	23.33	23.26	24.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	23.02	23.02	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	23.03	22.98	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	22.98	22.99	24.20
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	23.31	23.26	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	23.32	23.32	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	23.32	23.39	24.50
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	23.51	23.51	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	23.47	23.58	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	23.51	23.58	24.70
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	23.33	23.33	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	23.39	23.38	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	23.27	23.29	24.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 412 of 960

	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	23.49	23.56	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	23.55	23.48	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	23.46	23.54	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	23.48	23.52	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	23.59	23.54	24.70
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	23.38	23.27	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.34	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	23.40	23.31	24.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	23.31	23.25	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	23.25	23.33	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	23.25	23.36	24.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	23.08	22.96	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	23.00	22.99	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	23.05	22.95	24.20
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	23.53	23.52	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	23.56	23.45	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	23.58	23.48	24.70
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	22.96	22.96	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	22.95	23.06	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	22.95	23.03	24.20
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	23.39	23.31	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	23.37	23.27	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	23.36	23.34	24.50
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	23.57	23.53	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	23.53	23.56	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	23.53	23.59	24.70
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	23.59	23.59	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	23.52	23.52	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	23.52	23.49	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	23.57	23.47	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	23.57	23.56	24.70
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	23.57	23.59	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	23.49	23.46	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 413 of 960

	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	23.57	23.48	24.70
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	23.29	23.27	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	23.38	23.33	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	23.31	23.34	24.50
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.32	23.34	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.35	23.37	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.36	23.32	24.50



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6.3 Conducted Power of LTE Uplink CA (Ant31)

DL LTE CA Class	PCC							SCC1		SCC2		SCC3		Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	Tune Up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	23.06	23.05	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	23.07	23.04	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	23.10	23.04	24.20
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	23.55	23.52	24.70
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	23.51	23.56	24.70
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	23.46	23.54	24.70
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	23.51	23.45	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	23.53	23.50	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	23.45	23.52	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	23.56	23.58	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	23.49	23.49	24.70
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.28	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.29	23.31	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.25	24.50
CA_5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.39	23.34	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.36	23.34	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.28	23.27	24.50
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	23.06	22.98	24.20
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.01	23.05	24.20
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	23.08	23.01	24.20
CA_66B	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	23.38	23.36	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	23.38	23.39	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	23.27	23.30	24.50
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	23.34	23.28	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	23.36	23.31	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	23.28	23.31	24.50
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	23.32	23.30	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	23.29	23.30	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	23.25	23.32	24.50
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	/	/	/	/	23.40	23.30	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 5	5M	/	/	/	/	23.27	23.40	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 415 of 960

	Band 5	10M	844	20600	QPSK	1	0	Band 5	5M	/	/	/	/	23.36	23.34	24.50
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	23.05	23.02	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	23.03	22.98	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	23.04	23.08	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	23.04	23.08	24.20
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	23.46	23.51	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	23.56	23.49	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	23.58	23.58	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	23.59	23.53	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	23.59	23.45	24.70
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	23.26	23.27	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	23.38	23.36	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	23.28	23.36	24.50
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	23.25	23.35	24.50
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	23.33	23.26	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	23.39	23.39	24.50
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	23.37	23.26	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	23.39	23.35	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	23.30	23.25	24.50
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	/	/	/	/	23.31	23.33	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	/	/	/	/	23.29	23.28	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	/	/	/	/	23.33	23.35	24.50
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	23.33	23.29	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	23.39	23.36	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	23.34	23.26	24.50
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	23.06	22.97	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	23.01	23.00	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	23.05	23.09	24.20
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	23.40	23.30	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	23.37	23.26	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	23.27	23.37	24.50
	Band 26	15M	821.5	26765	QPSK	1	0	Band 2	20M	/	/	/	/	23.53	23.54	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 2	20M	/	/	/	/	23.60	23.60	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 2	20M	/	/	/	/	23.47	23.52	24.70
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	23.29	23.34	24.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	23.31	23.32	24.50
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	23.37	23.38	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 416 of 960

		Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	23.59	23.54	24.70
		Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	23.56	23.51	24.70
		Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	23.57	23.47	24.70
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	23.34	23.32	24.50	
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.25	24.50	
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	23.31	23.35	24.50	
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	23.40	23.35	24.50	
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	23.32	23.34	24.50	
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	23.34	23.26	24.50	
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	23.25	23.31	24.50	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	23.39	23.31	24.50	
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	23.25	23.34	24.50	
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	/	/	/	/	23.39	23.30	24.50	
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	/	/	/	/	23.35	23.25	24.50	
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	/	/	/	/	23.25	23.37	24.50	
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	23.35	23.28	24.50	
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	23.36	23.34	24.50	
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	23.30	23.40	24.50	
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	23.02	22.99	24.20	
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	22.96	22.96	24.20	
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	22.96	23.07	24.20	
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	/	/	/	/	23.28	23.40	24.50	
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	/	/	/	/	23.26	23.37	24.50	
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	/	/	/	/	23.25	23.28	24.50	
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	23.01	23.10	24.20	
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	22.98	23.05	24.20	
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	23.03	23.03	24.20	
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	/	/	/	/	23.32	23.32	24.50	
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	/	/	/	/	23.29	23.38	24.50	
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	/	/	/	/	23.32	23.38	24.50	
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	23.59	23.55	24.70	
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	23.59	23.58	24.70	
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	23.47	23.59	24.70	
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	/	/	/	/	23.25	23.28	24.50	
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	/	/	/	/	23.38	23.39	24.50	
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	/	/	/	/	23.30	23.38	24.50	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 417 of 960

	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	23.54	23.46	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	23.45	23.53	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	23.55	23.57	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	23.47	23.59	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	23.59	23.51	24.70
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	/	/	/	/	23.26	23.27	24.50
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.38	24.50
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	/	/	/	/	23.30	23.36	24.50
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	23.28	23.26	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	23.27	23.26	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	23.36	23.36	24.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	22.95	22.99	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	23.00	23.01	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	23.00	23.03	24.20
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	/	/	/	/	23.46	23.50	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	/	/	/	/	23.53	23.60	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	/	/	/	/	23.53	23.56	24.70
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	23.06	22.96	24.20
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	23.01	23.10	24.20
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	22.95	23.01	24.20
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	23.38	23.29	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	23.40	23.36	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	23.26	23.32	24.50
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	/	/	/	/	23.55	23.50	24.70
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	/	/	/	/	23.46	23.47	24.70
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	/	/	/	/	23.51	23.59	24.70
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	23.58	23.59	24.70
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	23.48	23.58	24.70
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	23.58	23.54	24.70
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	23.50	23.48	24.70
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	23.50	23.50	24.70
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	23.50	23.51	24.70
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	23.58	23.54	24.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 418 of 960

	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	23.47	23.56	24.70
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	23.29	23.28	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	23.25	23.35	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	23.38	23.28	24.50
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	23.38	23.38	24.50
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.26	24.50
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	23.37	23.28	24.50



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7 Conducted Power of NR Antenna

7.1 Conducted Power of NR Antenna (Ant11)

N2 DSI2/4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				372000	376000	380000		
				1860	1880	1900		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.80	22.86	22.85	24.20	
		1	53	23.20	23.17	23.15	24.20	
		1	104	23.50	23.46	23.47	24.20	
		50	0	22.74	22.75	22.72	23.70	
		50	28	23.17	23.17	23.16	24.20	
		50	56	22.86	22.82	22.84	23.70	
		100	0	22.75	22.73	22.75	23.70	
	DFT-s-OFDM QPSK	1	1	22.87	22.83	22.80	24.20	
		1	53	23.12	23.14	23.15	24.20	
		1	104	23.44	23.50	23.51	24.20	
		50	0	22.22	22.25	22.20	23.20	
		50	28	23.18	23.18	23.19	24.20	
		50	56	22.29	22.30	22.33	23.20	
		100	0	22.30	22.25	22.27	23.20	
	DFT-s-OFDM 16QAM	1	1	22.37	22.42	22.43	23.20	
	DFT-s-OFDM 64QAM	1	1	20.95	20.96	20.97	21.70	
	DFT-s-OFDM 256QAM	1	1	18.79	18.80	18.80	19.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.94	22.01	21.82	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				371500	376000	380500		
15MHz	DFT-s-OFDM QPSK	1	1	22.81	22.85	22.88	24.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				371000	376000	381000		
10MHz	DFT-s-OFDM QPSK	1	1	22.85	22.87	22.85	24.20	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 420 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.84	22.88	22.88	24.20

N2 DSI3/8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.81	21.87	21.87	23.20
		1	53	22.17	22.16	22.19	23.20
		1	104	22.52	22.46	22.48	23.20
		50	0	21.75	21.71	21.71	22.70
		50	28	22.22	22.21	22.15	23.20
		50	56	21.83	21.82	21.81	22.70
		100	0	21.73	21.79	21.77	22.70
	DFT-s-OFDM QPSK	1	1	21.85	21.81	21.82	23.20
		1	53	22.12	22.17	22.19	23.20
		1	104	22.47	22.49	22.50	23.20
		50	0	21.19	21.25	21.20	22.20
		50	28	22.18	22.22	22.20	23.20
		50	56	21.35	21.36	21.34	22.20
		100	0	21.30	21.25	21.23	22.20
	DFT-s-OFDM 16QAM	1	1	21.36	21.44	21.41	22.20
	DFT-s-OFDM 64QAM	1	1	19.99	19.98	19.96	20.70
	DFT-s-OFDM 256QAM	1	1	17.81	17.83	17.77	18.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
372000					376000	38000	
20MHz	CP-OFDM QPSK	1	1	20.95	20.97	20.80	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	21.80	21.84	21.83	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 421 of 960

10MHz	DFT-s-OFDM QPSK	1	1	21.86	21.87	21.81	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.88	21.81	21.84	23.20

N2 DSI5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.31	22.31	22.33	23.70
		1	53	22.67	22.67	22.66	23.70
		1	104	22.98	22.98	22.96	23.70
		50	0	22.21	22.18	22.25	23.20
		50	28	22.69	22.69	22.66	23.70
		50	56	22.35	22.33	22.31	23.20
		100	0	22.22	22.22	22.22	23.20
	DFT-s-OFDM QPSK	1	1	22.35	22.37	22.34	23.70
		1	53	22.70	22.70	22.62	23.70
		1	104	22.96	22.98	22.97	23.70
		50	0	21.73	21.75	21.72	22.70
		50	28	22.66	22.71	22.67	23.70
		50	56	21.84	21.80	21.79	22.70
		100	0	21.75	21.80	21.75	22.70
	DFT-s-OFDM 16QAM	1	1	21.94	21.91	21.88	22.70
	DFT-s-OFDM 64QAM	1	1	20.49	20.41	20.46	21.20
	DFT-s-OFDM 256QAM	1	1	18.28	18.31	18.32	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.43	21.48	21.31	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.36	22.35	22.32	23.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 422 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.32	22.36	22.32	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.35	22.35	22.38	23.70

N7 DSI2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.04	18.01	18.02	19.20
		1	135	18.43	18.35	18.36	19.20
		1	268	18.33	18.33	18.27	19.20
		135	0	17.79	17.91	17.86	18.70
		135	67	18.40	18.38	18.46	19.20
		135	135	18.07	18.07	18.06	18.70
		270	0	17.92	17.87	17.89	18.70
	DFT-s-OFDM QPSK	1	1	18.07	18.09	18.01	19.20
		1	135	18.36	18.45	18.33	19.20
		1	268	18.37	18.31	18.30	19.20
		135	0	17.37	17.38	17.33	18.20
		135	67	18.46	18.40	18.41	19.20
		135	135	17.56	17.57	17.54	18.20
		270	0	17.44	17.42	17.41	18.20
	DFT-s-OFDM 16QAM	1	1	17.36	17.38	17.41	18.20
	DFT-s-OFDM 64QAM	1	1	15.91	15.97	15.94	16.70
	DFT-s-OFDM 256QAM	1	1	14.02	14.06	14.00	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	17.01	17.03	17.02	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 423 of 960

40MHz	DFT-s-OFDM QPSK	1	1	18.01	18.05	18.02	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.08	18.01	18.03	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.01	18.11	18.02	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.02	18.06	18.08	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.10	18.07	18.10	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.11	18.06	18.07	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.10	17.97	18.03	19.20

N7 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.01	16.99	17.04	18.20
		1	135	17.38	17.34	17.36	18.20
		1	268	17.29	17.33	17.31	18.20
		135	0	16.87	16.93	16.89	17.70
		135	67	17.44	17.43	17.46	18.20
		135	135	17.07	17.10	16.99	17.70
		270	0	16.96	16.88	16.85	17.70
		1	1	17.05	17.11	17.06	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 424 of 960

	DFT-s-OFDM QPSK	1	135	17.36	17.39	17.36	18.20
		1	268	17.31	17.28	17.33	18.20
		135	0	16.36	16.37	16.37	17.20
		135	67	17.42	17.46	17.43	18.20
		135	135	16.52	16.60	16.54	17.20
		270	0	16.43	16.41	16.34	17.20
	DFT-s-OFDM 16QAM	1	1	16.40	16.35	16.44	17.20
	DFT-s-OFDM 64QAM	1	1	14.96	14.96	14.96	15.70
	DFT-s-OFDM 256QAM	1	1	12.97	13.05	12.99	13.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	16.03	16.04	16.02	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	16.98	17.04	17.05	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.09	17.00	17.00	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	16.98	17.03	16.99	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.04	17.09	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.08	17.07	17.07	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.06	17.04	17.11	18.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 425 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.05	17.03	17.11	18.20

N7 DS14				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.08	23.06	23.08	24.20
		1	135	23.46	23.39	23.41	24.20
		1	268	23.38	23.36	23.36	24.20
		135	0	22.88	22.95	22.93	23.70
		135	67	23.48	23.46	23.52	24.20
		135	135	23.11	23.14	23.08	23.70
		270	0	22.98	22.93	22.93	23.70
	DFT-s-OFDM QPSK	1	1	23.10	23.14	23.09	24.20
		1	135	23.42	23.46	23.40	24.20
		1	268	23.40	23.37	23.37	24.20
		135	0	22.43	22.44	22.39	23.20
		135	67	23.50	23.47	23.45	24.20
		135	135	22.60	22.62	22.59	23.20
		270	0	22.49	22.49	22.42	23.20
	DFT-s-OFDM 16QAM	1	1	22.41	22.43	22.48	23.20
	DFT-s-OFDM 64QAM	1	1	21.00	20.99	21.03	21.70
	DFT-s-OFDM 256QAM	1	1	19.03	19.07	19.07	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	22.09	22.08	22.05	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	23.06	23.07	23.10	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 426 of 960

30MHz	DFT-s-OFDM QPSK	1	1	23.14	23.09	23.09	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.06	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	23.10	23.13	23.11	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	23.13	23.08	23.12	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.13	23.10	23.14	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.12	23.06	23.12	24.20

N7 DS15				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.49	17.55	17.50	18.70
		1	135	17.95	17.85	17.87	18.70
		1	268	17.87	17.77	17.81	18.70
		135	0	17.33	17.43	17.37	18.20
		135	67	17.97	17.94	17.94	18.70
		135	135	17.57	17.60	17.52	18.20
		270	0	17.44	17.34	17.38	18.20
	DFT-s-OFDM QPSK	1	1	17.59	17.55	17.51	18.70
		1	135	17.83	17.90	17.82	18.70
		1	268	17.82	17.79	17.78	18.70
		135	0	16.91	16.90	16.82	17.70
135		67	17.98	17.90	17.88	18.70	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 427 of 960

		135	135	17.06	17.03	17.01	17.70
		270	0	16.92	16.96	16.89	17.70
	DFT-s-OFDM 16QAM	1	1	16.83	16.90	16.92	17.70
	DFT-s-OFDM 64QAM	1	1	15.42	15.44	15.46	16.20
	DFT-s-OFDM 256QAM	1	1	13.48	13.51	13.48	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	16.53	16.50	16.54	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	17.47	17.54	17.53	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.59	17.56	17.56	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.55	17.61	17.54	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.58	17.59	17.53	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.57	17.55	17.60	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.59	17.56	17.58	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.58	17.54	17.57	18.70



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 428 of 960

N7 DS18/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.08	15.07	15.04	16.20
		1	135	15.46	15.37	15.40	16.20
		1	268	15.46	15.28	15.37	16.20
		135	0	14.85	14.96	14.89	15.70
		135	67	15.53	15.52	15.53	16.20
		135	135	15.13	15.14	15.05	15.70
		270	0	15.02	14.92	14.91	15.70
	DFT-s-OFDM QPSK	1	1	15.12	15.14	15.08	16.20
		1	135	15.35	15.41	15.40	16.20
		1	268	15.38	15.36	15.32	16.20
		135	0	14.49	14.45	14.35	15.20
		135	67	15.52	15.43	15.47	16.20
		135	135	14.58	14.59	14.55	15.20
		270	0	14.50	14.49	14.45	15.20
	DFT-s-OFDM 16QAM	1	1	14.38	14.42	14.48	15.20
	DFT-s-OFDM 64QAM	1	1	12.99	13.02	12.97	13.70
	DFT-s-OFDM 256QAM	1	1	11.06	11.07	11.06	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	14.07	14.01	14.06	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	15.06	15.12	15.09	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	15.10	15.12	15.13	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 429 of 960

25MHz	DFT-s-OFDM QPSK	1	1	15.10	15.19	15.07	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	15.14	15.15	15.06	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	15.12	15.09	15.13	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.13	15.13	15.13	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	15.09	15.08	15.12	16.20

N66 DSI2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.51	21.52	21.54	22.20
		1	108	21.53	21.58	21.53	22.20
		1	214	21.10	21.08	21.09	22.20
		108	0	20.98	21.00	21.05	21.70
		108	54	21.57	21.61	21.58	22.20
		108	108	21.01	20.91	20.92	21.70
		216	0	21.03	21.07	20.98	21.70
	DFT-s-OFDM QPSK	1	1	21.45	21.44	21.49	22.20
		1	108	21.51	21.51	21.52	22.20
		1	214	21.15	21.12	21.18	22.20
		108	0	20.48	20.50	20.53	21.20
		108	54	21.66	21.65	21.69	22.20
		108	108	20.48	20.49	20.48	21.20
		216	0	20.59	20.51	20.53	21.20
	DFT-s-OFDM 16QAM	1	1	20.41	20.44	20.47	21.20



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 430 of 960

	DFT-s-OFDM 64QAM	1	1	19.02	18.89	18.94	19.70
	DFT-s-OFDM 256QAM	1	1	17.03	17.02	17.08	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.94	19.97	19.90	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.49	21.48	21.47	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	21.45	21.46	21.49	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.47	21.52	21.52	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.49	21.55	21.48	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.47	21.53	21.48	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.50	21.47	21.50	22.20

N66 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.55	20.48	20.48	21.20
		1	108	20.48	20.58	20.55	21.20
		1	214	20.11	20.14	20.10	21.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 431 of 960

		108	0	20.02	20.07	20.01	20.70
		108	54	20.59	20.58	20.63	21.20
		108	108	19.95	19.94	19.90	20.70
		216	0	20.04	20.07	20.01	20.70
	DFT-s-OFDM QPSK	1	1	20.41	20.43	20.50	21.20
		1	108	20.49	20.50	20.51	21.20
		1	214	20.16	20.15	20.15	21.20
		108	0	19.55	19.50	19.57	20.20
		108	54	20.69	20.65	20.64	21.20
		108	108	19.54	19.49	19.47	20.20
		216	0	19.60	19.52	19.54	20.20
	DFT-s-OFDM 16QAM	1	1	19.44	19.45	19.44	20.20
	DFT-s-OFDM 64QAM	1	1	17.94	17.90	17.94	18.70
	DFT-s-OFDM 256QAM	1	1	15.97	16.04	16.03	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.89	18.93	18.89	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.56	20.43	20.45	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.51	20.44	20.52	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.53	20.50	20.53	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.49	20.52	20.44	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 432 of 960

10MHz	DFT-s-OFDM QPSK	1	1	20.45	20.48	20.46	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.48	20.46	20.52	21.20

N66 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.56	23.54	23.57	24.20
		1	108	23.55	23.60	23.59	24.20
		1	214	23.18	23.15	23.16	24.20
		108	0	23.07	23.09	23.09	23.70
		108	54	23.66	23.66	23.67	24.20
		108	108	23.04	23.00	22.98	23.70
		216	0	23.09	23.12	23.07	23.70
	DFT-s-OFDM QPSK	1	1	23.49	23.51	23.56	24.20
		1	108	23.55	23.57	23.60	24.20
		1	214	23.19	23.17	23.21	24.20
		108	0	22.56	22.56	22.60	23.20
		108	54	23.70	23.70	23.72	24.20
		108	108	22.55	22.55	22.49	23.20
		216	0	22.62	22.57	22.62	23.20
	DFT-s-OFDM 16QAM	1	1	22.46	22.48	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	21.03	20.96	20.98	21.70
	DFT-s-OFDM 256QAM	1	1	19.05	19.06	19.09	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.97	21.99	21.95	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.57	23.52	23.51	24.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 433 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	23.52	23.50	23.57	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.55	23.57	23.54	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.56	23.57	23.53	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.50	23.57	23.50	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.51	23.55	23.58	24.20

N66 DS15				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.05	20.01	20.02	20.70
		1	108	19.98	20.07	20.07	20.70
		1	214	19.65	19.61	19.65	20.70
		108	0	19.53	19.50	19.56	20.20
		108	54	20.09	20.10	20.11	20.70
		108	108	19.46	19.41	19.39	20.20
		216	0	19.58	19.59	19.48	20.20
	DFT-s-OFDM QPSK	1	1	19.93	20.00	19.97	20.70
		1	108	19.97	20.05	20.04	20.70
		1	214	19.68	19.60	19.62	20.70
		108	0	19.03	19.00	19.09	19.70
		108	54	20.11	20.16	20.19	20.70
		108	108	18.96	18.98	18.96	19.70
		216	0	19.06	19.05	19.09	19.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 434 of 960

	DFT-s-OFDM 16QAM	1	1	18.95	18.91	18.94	19.70
	DFT-s-OFDM 64QAM	1	1	17.51	17.43	17.42	18.20
	DFT-s-OFDM 256QAM	1	1	15.54	15.47	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.38	18.40	18.41	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.99	19.94	19.97	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.94	19.94	20.01	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.98	20.04	19.97	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.05	20.05	19.96	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.91	20.02	19.97	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.98	20.01	20.01	20.70

N66 DSI8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz		1	1	17.97	18.00	17.98	18.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 435 of 960

	DFT-s-OFDM PI/2 BPSK	1	108	17.91	18.02	18.02	18.70
		1	214	17.60	17.60	17.57	18.70
		108	0	17.51	17.42	17.50	18.20
		108	54	18.00	18.06	18.09	18.70
		108	108	17.41	17.35	17.30	18.20
		216	0	17.49	17.50	17.45	18.20
	DFT-s-OFDM QPSK	1	1	17.88	17.94	17.91	18.70
		1	108	17.88	18.03	17.99	18.70
		1	214	17.65	17.59	17.55	18.70
		108	0	17.00	16.93	17.08	17.70
		108	54	18.08	18.14	18.10	18.70
		108	108	16.91	16.95	16.87	17.70
		216	0	17.04	17.01	17.05	17.70
	DFT-s-OFDM 16QAM	1	1	16.92	16.87	16.92	17.70
	DFT-s-OFDM 64QAM	1	1	15.43	15.39	15.33	16.20
DFT-s-OFDM 256QAM	1	1	13.52	13.43	13.44	14.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	16.33	16.33	16.39	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	17.97	17.87	17.94	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	17.90	17.85	17.93	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.97	17.98	17.91	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	17.96	18.00	17.89	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 436 of 960

				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	17.85	18.01	17.91	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	17.91	17.97	17.98	18.70

N38 DSI2/5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.01	18.04	17.97	18.70
		1	53	18.05	18.08	18.01	18.70
		1	104	17.93	17.94	17.94	18.70
		50	0	16.96	16.99	17.03	18.20
		50	28	18.09	18.01	18.09	18.70
		50	56	16.99	17.01	17.00	18.20
		100	0	17.00	17.00	17.06	18.20
	DFT-s-OFDM QPSK	1	1	17.99	18.04	18.00	18.70
		1	53	18.07	18.04	18.05	18.70
		1	104	17.92	18.02	17.98	18.70
		50	0	17.05	16.99	17.04	17.70
		50	28	18.05	17.97	18.06	18.70
		50	56	17.05	16.96	17.01	17.70
		100	0	16.96	17.05	16.97	17.70
	DFT-s-OFDM 16QAM	1	1	17.05	17.04	17.11	17.70
	DFT-s-OFDM 64QAM	1	1	15.57	15.57	15.61	16.20
	DFT-s-OFDM 256QAM	1	1	13.62	13.65	13.68	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.56	16.61	16.65	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 437 of 960

30MHz	DFT-s-OFDM QPSK	1	1	18.04	17.96	18.00	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	17.95	18.02	18.00	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.01	18.02	18.06	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.08	18.04	18.02	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.02	17.99	18.02	18.70

N38 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.00	17.00	17.04	17.70
		1	53	17.09	17.08	17.03	17.70
		1	104	16.94	17.00	16.95	17.70
		50	0	15.97	15.93	16.00	17.20
		50	28	17.05	17.02	17.10	17.70
		50	56	16.03	16.00	16.01	17.20
		100	0	15.99	16.04	16.01	17.20
	DFT-s-OFDM QPSK	1	1	17.02	17.05	16.96	17.70
		1	53	17.13	17.05	17.04	17.70
		1	104	16.94	16.99	17.00	17.70
		50	0	16.03	16.05	16.03	16.70
		50	28	16.99	17.04	17.04	17.70
		50	56	16.02	15.97	15.95	16.70
		100	0	15.98	16.02	15.99	16.70
	DFT-s-OFDM 16QAM	1	1	16.08	16.04	16.12	16.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 438 of 960

	DFT-s-OFDM 64QAM	1	1	14.53	14.52	14.61	15.20
	DFT-s-OFDM 256QAM	1	1	12.63	12.69	12.70	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	15.56	15.56	15.57	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.07	16.97	16.94	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	17.01	17.08	16.97	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.97	16.99	17.02	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	17.01	16.97	16.95	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	16.94	17.04	17.02	17.70

N38 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.46	22.46	22.46	23.20
		1	53	22.54	22.50	22.50	23.20
		1	104	22.38	22.43	22.43	23.20
		50	0	21.45	21.42	21.48	22.70
		50	28	22.54	22.48	22.52	23.20
		50	56	21.47	21.45	21.43	22.70
		100	0	21.48	21.46	21.47	22.70



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Report No.: SZCR250100007807

Page: 440 of 960

N38 DS18/9/10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.02	16.03	16.03	16.70
		1	53	16.11	16.05	16.06	16.70
		1	104	15.92	15.95	15.98	16.70
		50	0	15.01	15.00	15.06	16.20
		50	28	16.06	15.99	16.10	16.70
		50	56	15.01	15.04	14.98	16.20
		100	0	15.01	15.01	15.02	16.20
	DFT-s-OFDM QPSK	1	1	16.03	16.00	16.00	16.70
		1	53	16.15	16.03	16.08	16.70
		1	104	15.95	16.00	15.95	16.70
		50	0	15.07	15.00	14.99	15.70
		50	28	16.02	15.99	16.10	16.70
		50	56	14.97	14.99	15.02	15.70
		100	0	14.98	15.05	15.02	15.70
	DFT-s-OFDM 16QAM	1	1	15.08	15.07	15.05	15.70
	DFT-s-OFDM 64QAM	1	1	13.55	13.55	13.63	14.20
	DFT-s-OFDM 256QAM	1	1	11.66	11.65	11.68	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	14.57	14.56	14.63	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.04	15.99	16.01	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	15.95	16.05	15.96	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 441 of 960

20MHz	DFT-s-OFDM QPSK	1	1	16.00	16.07	16.03	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	16.02	16.03	16.01	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.98	16.01	16.00	16.70

N41 PC2 DSI2/5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.48	19.46	19.51	19.56	19.53	20.20
		1	137	19.51	19.48	19.51	19.56	19.50	20.20
		1	271	19.41	19.38	19.33	19.34	19.37	20.20
		135	0	16.03	15.94	15.89	15.98	15.96	16.70
		135	69	19.52	19.60	19.52	19.53	19.50	20.20
		135	138	15.87	15.91	15.81	15.87	15.96	16.70
		270	0	18.88	18.83	18.81	18.78	18.78	19.70
	DFT-s-OFDM QPSK	1	1	19.61	19.53	19.57	19.59	19.61	20.20
		1	137	19.60	19.43	19.48	19.51	19.47	20.20
		1	271	19.31	19.44	19.38	19.42	19.40	20.20
		135	0	15.98	15.97	15.89	15.97	15.91	16.70
		135	69	19.39	19.48	19.51	19.52	19.38	20.20
		135	138	15.79	15.95	15.80	15.92	15.86	16.70
		270	0	18.36	18.31	18.27	18.38	18.31	19.20
	DFT-s-OFDM 16QAM	1	1	18.41	18.49	18.31	18.45	18.44	19.20
	DFT-s-OFDM 64QAM	1	1	16.96	16.91	16.90	16.93	16.88	17.70
	DFT-s-OFDM 256QAM	1	1	14.92	14.98	14.86	14.92	14.97	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	18.07	18.04	17.93	17.98	18.02	18.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 442 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.60	19.55	19.59	19.63	19.58	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.56	19.52	19.57	19.63	19.54	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.61	19.55	19.55	19.55	19.61	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.57	19.48	19.57	19.56	19.55	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.56	19.51	19.58	19.60	19.58	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.60	19.52	19.57	19.59	19.56	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.55	19.54	19.62	19.58	19.53	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	19.58	19.50	19.60	19.59	19.54	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	19.52	19.49	19.52	19.61	19.55	20.20



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 443 of 960

N41 PC2 DSI3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.56	18.46	18.52	18.49	18.56	19.20
		1	137	18.55	18.50	18.59	18.56	18.58	19.20
		1	271	18.28	18.38	18.39	18.45	18.36	19.20
		135	0	15.00	14.93	14.96	14.94	14.94	15.70
		135	69	18.50	18.50	18.45	18.54	18.47	19.20
		135	138	14.88	14.89	14.88	14.85	14.95	15.70
		270	0	17.80	17.79	17.86	17.84	17.78	18.70
	DFT-s-OFDM QPSK	1	1	18.49	18.55	18.54	18.52	18.57	19.20
		1	137	18.55	18.45	18.54	18.54	18.49	19.20
		1	271	18.35	18.48	18.47	18.38	18.52	19.20
		135	0	15.00	14.89	15.01	14.98	14.94	15.70
		135	69	18.42	18.46	18.47	18.53	18.47	19.20
		135	138	14.76	14.85	14.84	14.80	14.86	15.70
		270	0	17.33	17.30	17.25	17.33	17.26	18.20
	DFT-s-OFDM 16QAM	1	1	17.39	17.47	17.41	17.43	17.37	18.20
	DFT-s-OFDM 64QAM	1	1	15.89	15.87	15.94	15.98	15.90	16.70
	DFT-s-OFDM 256QAM	1	1	13.84	13.91	13.86	13.89	13.99	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	17.01	17.07	16.92	17.00	17.04	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.53	18.53	18.55	18.59	18.61	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.56	18.51	18.47	18.58	18.57	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 444 of 960

60MHz	DFT-s-OFDM QPSK	1	1	18.52	18.56	18.64	18.54	18.55	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.56	18.45	18.47	18.48	18.68	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.60	18.50	18.59	18.60	18.54	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	18.44	18.53	18.53	18.57	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.55	18.60	18.61	18.52	18.66	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	18.58	18.58	18.62	18.57	18.51	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	18.50	18.60	18.60	18.65	18.53	19.20

N41 PC2 DSI4				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.00	24.98	24.98	24.98	25.04	25.70
		1	137	24.97	24.97	24.99	25.02	24.95	25.70
		1	271	24.80	24.81	24.85	24.83	24.82	25.70
		135	0	21.46	21.42	21.43	21.41	21.39	22.20
		135	69	24.88	24.96	24.92	24.95	24.94	25.70
		135	138	21.27	21.33	21.28	21.29	21.35	22.20
		270	0	24.27	24.25	24.30	24.26	24.22	25.20
		1	1	24.99	24.99	25.00	25.01	25.01	25.70



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250100007807

Page: 445 of 960

	DFT-s-OFDM QPSK	1	137	24.98	24.95	24.97	24.95	24.99	25.70
		1	271	24.80	24.88	24.84	24.88	24.88	25.70
		135	0	21.46	21.42	21.40	21.40	21.40	22.20
		135	69	24.89	24.93	24.89	24.94	24.92	25.70
		135	138	21.29	21.35	21.32	21.30	21.30	22.20
		270	0	23.76	23.78	23.74	23.79	23.79	24.70
	DFT-s-OFDM 16QAM	1	1	23.83	23.86	23.84	23.84	23.86	24.70
	DFT-s-OFDM 64QAM	1	1	22.34	22.38	22.33	22.37	22.35	23.20
	DFT-s-OFDM 256QAM	1	1	20.35	20.40	20.36	20.39	20.40	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	23.51	23.48	23.43	23.43	23.47	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.04	25.03	24.98	24.99	25.03	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.98	24.97	24.98	25.02	25.04	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.98	25.01	25.01	24.97	25.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.01	24.96	25.01	24.97	25.04	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.04	24.97	25.02	25.04	25.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.02	24.96	25.00	24.98	25.03	25.70



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Report No.: SZCR250100007807

Page: 446 of 960

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.99	25.04	25.00	25.00	25.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	24.98	25.00	25.01	25.00	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	24.99	25.00	25.00	25.03	25.03	25.70

N41 PC2 DSI8/9/10				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.93	16.86	16.91	16.97	16.93	17.70
		1	137	16.86	16.94	16.88	16.96	16.93	17.70
		1	271	16.67	16.73	16.85	16.77	16.77	17.70
		135	0	13.41	13.38	13.33	13.36	13.33	14.20
		135	69	16.79	16.90	16.91	16.90	16.98	17.70
		135	138	13.23	13.24	13.14	13.24	13.28	14.20
		270	0	16.24	16.24	16.27	16.22	16.22	17.20
	DFT-s-OFDM QPSK	1	1	16.93	16.99	16.92	17.04	17.01	17.70
		1	137	16.94	16.97	16.84	16.83	16.88	17.70
		1	271	16.75	16.86	16.77	16.81	16.80	17.70
		135	0	13.41	13.43	13.31	13.36	13.36	14.20
		135	69	16.75	16.94	16.80	16.82	16.95	17.70
		135	138	13.28	13.27	13.30	13.20	13.22	14.20
		270	0	15.73	15.70	15.71	15.74	15.67	16.70
	DFT-s-OFDM 16QAM	1	1	15.73	15.77	15.86	15.87	15.84	16.70
	DFT-s-OFDM 64QAM	1	1	14.31	14.27	14.30	14.26	14.26	15.20
	DFT-s-OFDM 256QAM	1	1	12.35	12.42	12.27	12.39	12.30	13.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	



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