

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

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

Report No.: SZCR240700286108

Page: 556 of 1531

		8	4	20.97	21.10	21.17	22.50
		8	7	21.11	21.14	21.06	22.50
		15	0	20.90	21.02	21.15	22.50
	16QAM	1	0	20.65	20.83	20.83	22.50
		1	7	20.72	20.70	20.80	22.50
		1	14	20.84	20.84	20.72	22.50
		8	0	21.01	21.04	21.07	21.50
		8	4	21.13	21.18	21.19	21.50
		8	7	21.16	21.07	20.90	21.50
		15	0	21.21	21.12	21.11	21.50
	64QAM	1	0	20.93	20.89	20.85	21.50
		1	7	20.90	20.92	20.86	21.50
		1	14	20.89	20.80	20.94	21.50
		8	0	20.06	20.03	20.27	20.50
		8	4	19.95	20.04	20.00	20.50
		8	7	20.10	20.15	20.02	20.50
		15	0	20.06	20.02	20.11	20.50
	256QAM	1	0	18.10	18.03	17.99	18.50
		1	7	18.08	17.99	18.08	18.50
		1	14	18.11	18.19	18.12	18.50
		8	0	18.07	18.21	18.21	18.50
		8	4	18.24	18.21	18.09	18.50
		8	7	18.09	18.17	18.07	18.50
		15	0	18.05	18.17	18.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.12	21.99	22.08	23.50
		1	13	22.05	21.93	21.95	23.50
		1	24	21.93	22.02	22.06	23.50
		12	0	20.92	21.13	21.14	22.50
		12	6	20.93	21.22	21.02	22.50
		12	13	21.07	21.14	21.11	22.50
		25	0	21.09	21.10	21.15	22.50
	16QAM	1	0	20.71	20.86	20.85	22.50
		1	13	20.82	20.85	20.69	22.50
		1	24	20.76	20.84	20.64	22.50
		12	0	21.01	21.14	21.10	21.50
		12	6	21.18	21.03	21.15	21.50
		12	13	21.08	21.00	20.94	21.50



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

Report No.: SZCR240700286108

Page: 557 of 1531

		25	0	21.17	21.01	21.19	21.50
	64QAM	1	0	20.99	20.92	20.85	21.50
		1	13	20.91	20.84	20.80	21.50
		1	24	20.88	20.85	20.79	21.50
		12	0	20.09	20.05	20.17	20.50
		12	6	19.96	19.97	20.05	20.50
		12	13	20.11	20.09	20.02	20.50
		25	0	20.13	20.15	20.07	20.50
	256QAM	1	0	18.06	18.05	17.98	18.50
		1	13	17.94	18.04	18.09	18.50
		1	24	18.25	18.14	18.18	18.50
		12	0	18.24	18.18	18.11	18.50
		12	6	18.15	18.08	18.08	18.50
		12	13	18.25	18.08	18.15	18.50
		25	0	18.00	18.10	18.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.96	22.08	21.96	23.50
		1	25	21.95	21.98	22.09	23.50
		1	49	21.97	22.03	21.99	23.50
		25	0	20.95	21.03	21.05	22.50
		25	13	21.02	21.20	21.16	22.50
		25	25	20.98	21.06	21.14	22.50
		50	0	21.03	20.94	21.13	22.50
	16QAM	1	0	20.67	20.83	20.81	22.50
		1	25	20.78	20.89	20.73	22.50
		1	49	20.72	20.65	20.67	22.50
		25	0	20.99	21.19	21.08	21.50
		25	13	21.00	21.05	21.15	21.50
		25	25	21.08	21.03	21.02	21.50
		50	0	21.15	21.14	21.04	21.50
	64QAM	1	0	20.91	20.93	20.87	21.50
		1	25	20.91	21.00	20.86	21.50
		1	49	20.92	20.87	20.88	21.50
		25	0	20.08	20.06	20.17	20.50
		25	13	19.89	20.12	20.09	20.50
		25	25	20.03	19.98	20.15	20.50
		50	0	20.11	20.09	20.16	20.50
	256QAM	1	0	18.07	18.06	18.01	18.50



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

Report No.: SZCR240700286108

Page: 558 of 1531

		1	25	17.97	18.15	17.97	18.50
		1	49	18.19	18.10	18.12	18.50
		25	0	18.13	18.05	18.05	18.50
		25	13	18.21	18.25	18.10	18.50
		25	25	18.19	18.18	17.99	18.50
		50	0	18.05	18.09	18.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.11	22.04	21.93	23.50
		1	38	21.92	22.01	22.04	23.50
		1	74	22.06	21.93	22.00	23.50
		36	0	21.04	21.14	21.09	22.50
		36	18	21.05	21.19	21.09	22.50
		36	39	20.97	21.11	20.99	22.50
		75	0	20.99	21.03	21.06	22.50
	16QAM	1	0	20.71	20.85	20.91	22.50
		1	38	20.84	20.85	20.68	22.50
		1	74	20.80	20.81	20.81	22.50
		36	0	20.97	21.03	21.13	21.50
		36	18	21.12	21.13	21.13	21.50
		36	39	21.10	21.14	20.96	21.50
		75	0	21.15	21.01	21.18	21.50
	64QAM	1	0	20.82	20.86	20.83	21.50
		1	38	21.10	20.95	20.74	21.50
		1	74	20.82	20.79	20.88	21.50
		36	0	20.15	20.18	20.20	20.50
		36	18	19.98	20.00	20.01	20.50
		36	39	20.03	19.99	20.01	20.50
		75	0	20.06	19.98	20.13	20.50
	256QAM	1	0	18.03	18.13	17.95	18.50
		1	38	17.90	18.11	18.05	18.50
		1	74	18.19	18.05	18.10	18.50
		36	0	18.24	18.16	18.10	18.50
		36	18	18.16	18.14	18.11	18.50
		36	39	18.07	18.11	18.09	18.50
		75	0	18.02	18.21	18.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.04	22.01	22.00	23.50



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

Report No.: SZCR240700286108

Page: 559 of 1531

		1	50	21.99	21.98	22.05	23.50
		1	99	22.00	21.97	22.04	23.50
		50	0	21.00	21.10	21.12	22.50
		50	25	21.02	21.12	21.07	22.50
		50	50	21.06	21.08	21.09	22.50
		100	0	21.00	21.04	21.09	22.50
	16QAM	1	0	20.71	20.79	20.89	22.50
		1	50	20.78	20.80	20.76	22.50
		1	99	20.77	20.74	20.73	22.50
		50	0	21.01	21.10	21.16	21.50
		50	25	21.08	21.13	21.20	21.50
		50	50	21.14	21.09	20.99	21.50
		100	0	21.11	21.08	21.12	21.50
	64QAM	1	0	20.91	20.85	20.77	21.50
		1	50	21.00	20.91	20.82	21.50
		1	99	20.82	20.84	20.88	21.50
		50	0	20.11	20.12	20.22	20.50
		50	25	19.96	20.05	20.10	20.50
		50	50	20.05	20.08	20.11	20.50
		100	0	20.12	20.05	20.06	20.50
	256QAM	1	0	18.03	18.08	18.05	18.50
		1	50	17.98	18.05	18.00	18.50
		1	99	18.16	18.09	18.17	18.50
		50	0	18.15	18.12	18.13	18.50
		50	25	18.23	18.16	18.16	18.50
		50	50	18.16	18.11	18.08	18.50
		100	0	18.08	18.17	18.09	18.50



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Report No.: SZCR240700286108

Page: 560 of 1531

LTE Band 2 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.35	19.40	19.34	21.00
		1	2	19.25	19.38	19.48	21.00
		1	5	19.37	19.37	19.30	21.00
		3	0	19.28	19.42	19.44	21.00
		3	2	19.44	19.40	19.49	21.00
		3	3	19.43	19.33	19.44	21.00
		6	0	19.46	19.34	19.29	21.00
	16QAM	1	0	19.35	19.29	19.50	21.00
		1	2	19.41	19.32	19.31	21.00
		1	5	19.43	19.41	19.41	21.00
		3	0	19.28	19.25	19.41	21.00
		3	2	19.48	19.23	19.47	21.00
		3	3	19.34	19.27	19.35	21.00
		6	0	19.28	19.28	19.52	21.00
	64QAM	1	0	19.45	19.37	19.31	21.00
		1	2	19.36	19.30	19.28	21.00
		1	5	19.42	19.40	19.51	21.00
		3	0	19.31	19.38	19.46	21.00
		3	2	19.43	19.36	19.31	21.00
		3	3	19.38	19.35	19.47	21.00
		6	0	19.40	19.25	19.45	20.50
	256QAM	1	0	18.05	18.24	18.20	18.50
		1	2	17.89	18.03	18.00	18.50
		1	5	18.23	18.07	18.13	18.50
		3	0	18.21	18.03	18.07	18.50
		3	2	18.24	18.29	18.11	18.50
		3	3	18.27	18.24	18.28	18.50
		6	0	18.22	18.16	18.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.28	19.40	19.32	21.00
		1	7	19.31	19.39	19.46	21.00
		1	14	19.44	19.21	19.34	21.00
		8	0	19.46	19.42	19.41	21.00
		8	4	19.32	19.36	19.42	21.00



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Report No.: SZCR240700286108

Page: 561 of 1531

		8	7	19.31	19.37	19.42	21.00
		15	0	19.28	19.41	19.31	21.00
	16QAM	1	0	19.24	19.27	19.37	21.00
		1	7	19.31	19.33	19.40	21.00
		1	14	19.48	19.36	19.31	21.00
		8	0	19.37	19.35	19.45	21.00
		8	4	19.29	19.37	19.31	21.00
		8	7	19.37	19.26	19.28	21.00
		15	0	19.26	19.32	19.39	21.00
		1	0	19.35	19.32	19.37	21.00
	64QAM	1	7	19.49	19.31	19.41	21.00
		1	14	19.34	19.38	19.38	21.00
		8	0	19.41	19.29	19.32	20.50
		8	4	19.33	19.47	19.23	20.50
		8	7	19.28	19.25	19.31	20.50
		15	0	19.34	19.34	19.37	20.50
		1	0	17.94	18.14	18.16	18.50
	256QAM	1	7	18.01	18.20	18.01	18.50
		1	14	18.26	18.10	18.13	18.50
		8	0	18.12	18.06	18.20	18.50
		8	4	18.09	18.19	18.20	18.50
		8	7	18.10	18.12	18.10	18.50
		15	0	18.27	18.20	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.45	19.27	19.39	21.00
		1	13	19.40	19.26	19.43	21.00
		1	24	19.35	19.21	19.50	21.00
		12	0	19.32	19.32	19.26	21.00
		12	6	19.30	19.24	19.28	21.00
		12	13	19.39	19.42	19.48	21.00
		25	0	19.37	19.31	19.38	21.00
	16QAM	1	0	19.28	19.29	19.39	21.00
		1	13	19.29	19.29	19.31	21.00
		1	24	19.48	19.42	19.33	21.00
		12	0	19.29	19.26	19.38	21.00
		12	6	19.36	19.26	19.44	21.00
		12	13	19.37	19.34	19.27	21.00
		25	0	19.40	19.22	19.38	21.00



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

Report No.: SZCR240700286108

Page: 562 of 1531

	64QAM	1	0	19.25	19.33	19.36	21.00
		1	13	19.47	19.32	19.26	21.00
		1	24	19.35	19.32	19.37	21.00
		12	0	19.43	19.36	19.33	20.50
		12	6	19.34	19.35	19.31	20.50
		12	13	19.41	19.40	19.34	20.50
		25	0	19.29	19.23	19.36	20.50
	256QAM	1	0	17.97	18.17	18.22	18.50
		1	13	17.87	18.17	17.88	18.50
		1	24	18.16	17.99	18.07	18.50
		12	0	18.09	18.13	18.19	18.50
		12	6	18.28	18.14	18.16	18.50
		12	13	18.12	18.06	18.14	18.50
		25	0	18.10	18.01	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.31	19.35	19.44	21.00
		1	25	19.25	19.30	19.55	21.00
		1	49	19.41	19.27	19.42	21.00
		25	0	19.37	19.35	19.29	21.00
		25	13	19.27	19.32	19.34	21.00
		25	25	19.38	19.28	19.45	21.00
		50	0	19.40	19.28	19.43	21.00
	16QAM	1	0	19.30	19.37	19.43	21.00
		1	25	19.34	19.40	19.31	21.00
		1	49	19.41	19.44	19.41	21.00
		25	0	19.37	19.28	19.49	21.00
		25	13	19.34	19.31	19.28	21.00
		25	25	19.43	19.42	19.41	21.00
		50	0	19.42	19.29	19.47	21.00
	64QAM	1	0	19.36	19.37	19.39	21.00
		1	25	19.46	19.31	19.42	21.00
		1	49	19.32	19.34	19.45	21.00
		25	0	19.42	19.26	19.36	20.50
		25	13	19.45	19.45	19.36	20.50
		25	25	19.36	19.32	19.41	20.50
		50	0	19.20	19.29	19.47	20.50
	256QAM	1	0	18.02	18.26	18.12	18.50
		1	25	18.00	18.11	17.88	18.50



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

Report No.: SZCR240700286108

Page: 563 of 1531

		1	49	18.36	17.99	18.11	18.50
		25	0	18.22	18.09	18.11	18.50
		25	13	18.19	18.29	18.08	18.50
		25	25	18.15	18.16	18.13	18.50
		50	0	18.18	18.09	18.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.40	19.23	19.48	21.00
		1	38	19.42	19.27	19.35	21.00
		1	74	19.36	19.29	19.35	21.00
		36	0	19.34	19.37	19.33	21.00
		36	18	19.23	19.36	19.42	21.00
		36	39	19.35	19.28	19.35	21.00
		75	0	19.33	19.43	19.33	21.00
	16QAM	1	0	19.21	19.42	19.34	21.00
		1	38	19.46	19.38	19.49	21.00
		1	74	19.35	19.42	19.29	21.00
		36	0	19.47	19.19	19.32	21.00
		36	18	19.34	19.30	19.28	21.00
		36	39	19.37	19.44	19.41	21.00
		75	0	19.36	19.27	19.29	21.00
	64QAM	1	0	19.39	19.38	19.24	21.00
		1	38	19.41	19.26	19.25	21.00
		1	74	19.29	19.30	19.39	21.00
		36	0	19.40	19.25	19.35	20.50
		36	18	19.33	19.34	19.33	20.50
		36	39	19.36	19.39	19.31	20.50
		75	0	19.32	19.41	19.48	20.50
	256QAM	1	0	18.03	18.13	18.06	18.50
		1	38	17.95	18.14	17.90	18.50
		1	74	18.31	18.05	18.26	18.50
		36	0	18.03	18.10	18.12	18.50
		36	18	18.22	18.25	18.04	18.50
		36	39	18.16	18.10	18.28	18.50
		75	0	18.10	18.18	18.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.38	19.33	19.38	21.00
		1	50	19.34	19.33	19.45	21.00



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

Report No.: SZCR240700286108

Page: 564 of 1531

		1	99	19.38	19.28	19.40	21.00
		50	0	19.39	19.40	19.31	21.00
		50	25	19.31	19.31	19.38	21.00
		50	50	19.37	19.32	19.43	21.00
		100	0	19.34	19.34	19.35	21.00
	16QAM	1	0	19.31	19.36	19.38	21.00
		1	50	19.37	19.31	19.40	21.00
		1	99	19.40	19.39	19.34	21.00
		50	0	19.39	19.29	19.40	21.00
		50	25	19.34	19.27	19.34	21.00
		50	50	19.35	19.35	19.32	21.00
		100	0	19.33	19.29	19.39	21.00
	64QAM	1	0	19.31	19.31	19.34	21.00
		1	50	19.42	19.35	19.35	21.00
		1	99	19.30	19.31	19.44	21.00
		50	0	19.38	19.31	19.36	20.50
		50	25	19.42	19.37	19.32	20.50
		50	50	19.36	19.33	19.41	20.50
		100	0	19.30	19.31	19.38	20.50
	256QAM	1	0	17.97	18.17	18.13	18.50
		1	50	17.96	18.13	17.93	18.50
		1	99	18.26	18.05	18.17	18.50
		50	0	18.13	18.13	18.15	18.50
		50	25	18.18	18.21	18.14	18.50
		50	50	18.17	18.14	18.18	18.50
		100	0	18.18	18.10	18.03	18.50



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

Report No.: SZCR240700286108

Page: 565 of 1531

LTE Band 2 DSI 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	16.39	16.35	16.48	18.00
		1	2	16.48	16.31	16.58	18.00
		1	5	16.52	16.39	16.58	18.00
		3	0	16.58	16.39	16.32	18.00
		3	2	16.35	16.38	16.51	18.00
		3	3	16.47	16.41	16.45	18.00
		6	0	16.45	16.42	16.47	18.00
	16QAM	1	0	16.37	16.41	16.44	18.00
		1	2	16.45	16.39	16.50	18.00
		1	5	16.59	16.55	16.44	18.00
		3	0	16.50	16.31	16.41	18.00
		3	2	16.46	16.37	16.50	18.00
		3	3	16.51	16.44	16.52	18.00
		6	0	16.44	16.40	16.42	18.00
	64QAM	1	0	16.35	16.34	16.53	18.00
		1	2	16.38	16.35	16.41	18.00
		1	5	16.49	16.55	16.56	18.00
		3	0	16.45	16.44	16.49	18.00
		3	2	16.43	16.57	16.46	18.00
		3	3	16.50	16.38	16.58	18.00
		6	0	16.38	16.53	16.56	18.00
	256QAM	1	0	16.53	16.56	16.40	18.00
		1	2	16.37	16.53	16.50	18.00
		1	5	16.51	16.51	16.42	18.00
		3	0	16.48	16.44	16.42	18.00
		3	2	16.31	16.50	16.40	18.00
		3	3	16.39	16.39	16.55	18.00
		6	0	16.55	16.48	16.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.47	16.41	16.41	18.00
		1	7	16.45	16.30	16.42	18.00
		1	14	16.40	16.40	16.53	18.00
		8	0	16.61	16.41	16.42	18.00
		8	4	16.42	16.36	16.48	18.00



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

Report No.: SZCR240700286108

Page: 566 of 1531

		8	7	16.48	16.44	16.39	18.00
		15	0	16.50	16.37	16.51	18.00
	16QAM	1	0	16.34	16.41	16.53	18.00
		1	7	16.49	16.44	16.62	18.00
		1	14	16.47	16.38	16.54	18.00
		8	0	16.41	16.45	16.54	18.00
		8	4	16.43	16.55	16.38	18.00
		8	7	16.47	16.44	16.48	18.00
		15	0	16.40	16.44	16.49	18.00
		1	0	16.34	16.29	16.60	18.00
	64QAM	1	7	16.48	16.44	16.31	18.00
		1	14	16.45	16.52	16.59	18.00
		8	0	16.51	16.46	16.48	18.00
		8	4	16.60	16.56	16.48	18.00
		8	7	16.32	16.45	16.42	18.00
		15	0	16.48	16.38	16.43	18.00
		1	0	16.52	16.57	16.55	18.00
	256QAM	1	7	16.44	16.47	16.61	18.00
		1	14	16.48	16.44	16.46	18.00
		8	0	16.59	16.47	16.43	18.00
		8	4	16.47	16.42	16.36	18.00
		8	7	16.33	16.50	16.55	18.00
		15	0	16.46	16.49	16.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.42	16.34	16.45	18.00
		1	13	16.32	16.46	16.44	18.00
		1	24	16.50	16.46	16.46	18.00
		12	0	16.44	16.53	16.34	18.00
		12	6	16.35	16.48	16.39	18.00
		12	13	16.54	16.41	16.38	18.00
		25	0	16.61	16.54	16.51	18.00
	16QAM	1	0	16.38	16.31	16.40	18.00
		1	13	16.45	16.43	16.47	18.00
		1	24	16.49	16.38	16.43	18.00
		12	0	16.38	16.44	16.51	18.00
		12	6	16.49	16.41	16.49	18.00
		12	13	16.59	16.41	16.46	18.00
		25	0	16.37	16.31	16.51	18.00



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Report No.: SZCR240700286108

Page: 567 of 1531

	64QAM	1	0	16.34	16.36	16.43	18.00
		1	13	16.53	16.38	16.39	18.00
		1	24	16.41	16.53	16.57	18.00
		12	0	16.43	16.45	16.63	18.00
		12	6	16.53	16.49	16.47	18.00
		12	13	16.51	16.32	16.60	18.00
		25	0	16.47	16.39	16.45	18.00
	256QAM	1	0	16.47	16.59	16.47	18.00
		1	13	16.47	16.53	16.53	18.00
		1	24	16.43	16.41	16.49	18.00
		12	0	16.59	16.50	16.50	18.00
		12	6	16.38	16.48	16.39	18.00
		12	13	16.45	16.43	16.50	18.00
		25	0	16.39	16.53	16.48	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.53	16.47	16.54	18.00
		1	25	16.46	16.47	16.44	18.00
		1	49	16.57	16.31	16.60	18.00
		25	0	16.64	16.38	16.34	18.00
		25	13	16.53	16.37	16.41	18.00
		25	25	16.53	16.44	16.55	18.00
		50	0	16.44	16.37	16.45	18.00
	16QAM	1	0	16.40	16.47	16.49	18.00
		1	25	16.54	16.40	16.47	18.00
		1	49	16.49	16.36	16.47	18.00
		25	0	16.55	16.38	16.51	18.00
		25	13	16.54	16.47	16.55	18.00
		25	25	16.55	16.50	16.50	18.00
		50	0	16.41	16.42	16.54	18.00
	64QAM	1	0	16.52	16.33	16.55	18.00
		1	25	16.50	16.38	16.42	18.00
		1	49	16.50	16.37	16.55	18.00
		25	0	16.55	16.49	16.63	18.00
		25	13	16.60	16.57	16.43	18.00
		25	25	16.34	16.48	16.54	18.00
		50	0	16.49	16.48	16.45	18.00
	256QAM	1	0	16.40	16.57	16.50	18.00
		1	25	16.41	16.51	16.50	18.00



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

Report No.: SZCR240700286108

Page: 568 of 1531

		1	49	16.52	16.44	16.58	18.00
		25	0	16.41	16.39	16.46	18.00
		25	13	16.35	16.45	16.45	18.00
		25	25	16.46	16.50	16.56	18.00
		50	0	16.40	16.46	16.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.57	16.51	16.53	18.00
		1	38	16.42	16.37	16.56	18.00
		1	74	16.51	16.47	16.57	18.00
		36	0	16.63	16.42	16.44	18.00
		36	18	16.52	16.35	16.50	18.00
		36	39	16.42	16.39	16.42	18.00
		75	0	16.53	16.37	16.47	18.00
	16QAM	1	0	16.40	16.32	16.44	18.00
		1	38	16.43	16.57	16.59	18.00
		1	74	16.43	16.56	16.49	18.00
		36	0	16.42	16.44	16.53	18.00
		36	18	16.52	16.41	16.47	18.00
		36	39	16.56	16.32	16.51	18.00
		75	0	16.43	16.43	16.60	18.00
	64QAM	1	0	16.42	16.34	16.45	18.00
		1	38	16.42	16.53	16.47	18.00
		1	74	16.49	16.38	16.47	18.00
		36	0	16.55	16.38	16.49	18.00
		36	18	16.52	16.41	16.50	18.00
		36	39	16.43	16.30	16.57	18.00
		75	0	16.51	16.55	16.54	18.00
	256QAM	1	0	16.41	16.44	16.52	18.00
		1	38	16.50	16.47	16.55	18.00
		1	74	16.45	16.34	16.54	18.00
		36	0	16.57	16.47	16.40	18.00
		36	18	16.46	16.34	16.51	18.00
		36	39	16.46	16.53	16.59	18.00
		75	0	16.38	16.43	16.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.49	16.43	16.47	18.00
		1	50	16.39	16.40	16.52	18.00



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

Report No.: SZCR240700286108

Page: 569 of 1531

		1	99	16.50	16.37	16.50	18.00
		50	0	16.54	16.44	16.40	18.00
		50	25	16.45	16.44	16.47	18.00
		50	50	16.50	16.46	16.48	18.00
		100	0	16.54	16.45	16.44	18.00
	16QAM	1	0	16.44	16.39	16.45	18.00
		1	50	16.45	16.47	16.54	18.00
		1	99	16.49	16.46	16.49	18.00
		50	0	16.46	16.40	16.48	18.00
		50	25	16.49	16.46	16.46	18.00
		50	50	16.51	16.41	16.47	18.00
		100	0	16.43	16.41	16.52	18.00
	64QAM	1	0	16.42	16.37	16.51	18.00
		1	50	16.46	16.43	16.40	18.00
		1	99	16.40	16.45	16.55	18.00
		50	0	16.48	16.40	16.53	18.00
		50	25	16.52	16.51	16.40	18.00
		50	50	16.41	16.39	16.50	18.00
		100	0	16.42	16.45	16.48	18.00
	256QAM	1	0	16.47	16.49	16.49	18.00
		1	50	16.46	16.46	16.53	18.00
		1	99	16.45	16.41	16.49	18.00
		50	0	16.49	16.42	16.46	18.00
		50	25	16.40	16.41	16.46	18.00
		50	50	16.41	16.43	16.53	18.00
		100	0	16.46	16.47	16.45	18.00



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

Report No.: SZCR240700286108

Page: 570 of 1531

LTE Band 4 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.54	22.73	22.69	24.00
		1	2	22.70	22.61	22.58	24.00
		1	5	22.61	22.61	22.60	24.00
		3	0	22.59	22.66	22.70	24.00
		3	2	22.67	22.64	22.55	24.00
		3	3	22.47	22.63	22.57	24.00
		6	0	21.58	21.50	21.62	23.00
	16QAM	1	0	21.67	21.74	21.66	23.00
		1	2	21.66	21.60	21.53	23.00
		1	5	21.86	21.75	21.70	23.00
		3	0	21.64	21.64	21.58	23.00
		3	2	21.64	21.66	21.70	23.00
		3	3	21.69	21.74	21.55	23.00
		6	0	20.82	20.74	20.87	22.00
	64QAM	1	0	20.45	20.67	20.60	22.00
		1	2	20.64	20.58	20.67	22.00
		1	5	20.53	20.47	20.50	22.00
		3	0	20.55	20.61	20.75	22.00
		3	2	20.56	20.67	20.58	22.00
		3	3	20.55	20.57	20.70	22.00
		6	0	19.76	19.71	19.94	21.00
	256QAM	1	0	18.26	18.34	18.28	19.00
		1	2	18.43	18.38	18.51	19.00
		1	5	18.11	18.32	18.31	19.00
		3	0	18.33	18.27	18.34	19.00
		3	2	18.27	18.23	18.19	19.00
		3	3	18.19	18.23	18.19	19.00
		6	0	18.21	18.30	18.15	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.50	22.75	22.67	24.00
		1	7	22.62	22.81	22.49	24.00
		1	14	22.64	22.65	22.48	24.00
		8	0	21.58	21.64	21.54	23.00
		8	4	21.58	21.60	21.68	23.00



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

Report No.: SZCR240700286108

Page: 571 of 1531

		8	7	21.54	21.47	21.57	23.00
		15	0	21.59	21.55	21.46	23.00
	16QAM	1	0	21.68	21.81	21.75	23.00
		1	7	21.58	21.57	21.53	23.00
		1	14	21.86	21.65	21.58	23.00
		8	0	20.61	20.76	20.74	22.00
		8	4	20.67	20.71	20.79	22.00
		8	7	20.85	20.77	20.73	22.00
		15	0	20.85	20.80	20.71	22.00
		1	0	20.46	20.56	20.66	22.00
	64QAM	1	7	20.47	20.63	20.64	22.00
		1	14	20.41	20.53	20.67	22.00
		8	0	19.62	19.75	19.81	21.00
		8	4	19.95	19.89	19.78	21.00
		8	7	19.79	19.83	19.87	21.00
		15	0	19.70	19.89	19.77	21.00
		1	0	18.15	18.34	18.28	19.00
	256QAM	1	7	18.46	18.31	18.44	19.00
		1	14	18.10	18.32	18.21	19.00
		8	0	18.29	18.29	18.25	19.00
		8	4	18.31	18.21	18.24	19.00
		8	7	18.19	18.27	18.30	19.00
		15	0	18.22	18.13	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.56	22.66	22.54	24.00
		1	13	22.69	22.80	22.57	24.00
		1	24	22.51	22.65	22.60	24.00
		12	0	21.41	21.54	21.61	23.00
		12	6	21.52	21.68	21.66	23.00
		12	13	21.57	21.57	21.62	23.00
		25	0	21.62	21.50	21.51	23.00
	16QAM	1	0	21.70	21.73	21.66	23.00
		1	13	21.64	21.73	21.67	23.00
		1	24	21.86	21.65	21.61	23.00
		12	0	20.65	20.82	20.79	22.00
		12	6	20.69	20.75	20.77	22.00
		12	13	20.69	20.81	20.88	22.00
		25	0	20.82	20.70	20.78	22.00



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

Report No.: SZCR240700286108

Page: 572 of 1531

	64QAM	1	0	20.64	20.66	20.57	22.00
		1	13	20.44	20.62	20.71	22.00
		1	24	20.55	20.58	20.63	22.00
		12	0	19.75	19.80	19.72	21.00
		12	6	19.83	19.88	19.90	21.00
		12	13	19.66	19.78	19.95	21.00
		25	0	19.70	19.77	19.89	21.00
	256QAM	1	0	18.21	18.15	18.25	19.00
		1	13	18.46	18.45	18.57	19.00
		1	24	18.24	18.28	18.21	19.00
		12	0	18.23	18.35	18.29	19.00
		12	6	18.38	18.21	18.07	19.00
		12	13	18.23	18.35	18.25	19.00
		25	0	18.17	18.14	18.22	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.64	22.74	22.70	24.00
		1	25	22.59	22.64	22.59	24.00
		1	49	22.53	22.56	22.46	24.00
		25	0	21.51	21.64	21.68	23.00
		25	13	21.44	21.52	21.77	23.00
		25	25	21.65	21.63	21.71	23.00
		50	0	21.55	21.60	21.57	23.00
	16QAM	1	0	21.74	21.70	21.81	23.00
		1	25	21.66	21.61	21.66	23.00
		1	49	21.81	21.61	21.54	23.00
		25	0	20.78	20.86	20.63	22.00
		25	13	20.84	20.80	20.92	22.00
		25	25	20.81	20.91	20.77	22.00
		50	0	20.78	20.83	20.86	22.00
	64QAM	1	0	20.60	20.52	20.61	22.00
		1	25	20.60	20.61	20.57	22.00
		1	49	20.41	20.57	20.64	22.00
		25	0	19.62	19.69	19.83	21.00
		25	13	19.93	19.83	19.92	21.00
		25	25	19.84	19.72	19.81	21.00
		50	0	19.68	19.71	19.80	21.00
	256QAM	1	0	18.24	18.21	18.31	19.00
		1	25	18.34	18.43	18.37	19.00



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

Report No.: SZCR240700286108

Page: 573 of 1531

		1	49	18.13	18.17	18.25	19.00
		25	0	18.36	18.20	18.33	19.00
		25	13	18.26	18.31	18.20	19.00
		25	25	18.27	18.35	18.18	19.00
		50	0	18.21	18.28	18.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.46	22.72	22.55	24.00
		1	38	22.69	22.79	22.48	24.00
		1	74	22.61	22.61	22.64	24.00
		36	0	21.57	21.53	21.62	23.00
		36	18	21.52	21.58	21.68	23.00
		36	39	21.67	21.60	21.69	23.00
		75	0	21.63	21.62	21.47	23.00
	16QAM	1	0	21.56	21.69	21.71	23.00
		1	38	21.56	21.65	21.60	23.00
		1	74	21.78	21.67	21.55	23.00
		36	0	20.71	20.71	20.69	22.00
		36	18	20.68	20.90	20.86	22.00
		36	39	20.70	20.86	20.77	22.00
		75	0	20.76	20.73	20.74	22.00
	64QAM	1	0	20.57	20.51	20.58	22.00
		1	38	20.45	20.67	20.55	22.00
		1	74	20.47	20.51	20.60	22.00
		36	0	19.78	19.75	19.77	21.00
		36	18	19.82	19.79	19.78	21.00
		36	39	19.73	19.90	19.91	21.00
		75	0	19.68	19.88	19.80	21.00
	256QAM	1	0	18.25	18.16	18.39	19.00
		1	38	18.45	18.44	18.46	19.00
		1	74	18.26	18.22	18.18	19.00
		36	0	18.26	18.33	18.36	19.00
		36	18	18.25	18.27	18.19	19.00
		36	39	18.14	18.17	18.23	19.00
		75	0	18.14	18.28	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.56	22.66	22.63	24.00
		1	50	22.62	22.71	22.57	24.00



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

Report No.: SZCR240700286108

Page: 574 of 1531

		1	99	22.55	22.63	22.54	24.00
		50	0	21.51	21.60	21.61	23.00
		50	25	21.53	21.59	21.68	23.00
		50	50	21.58	21.57	21.65	23.00
		100	0	21.61	21.59	21.54	23.00
	16QAM	1	0	21.64	21.73	21.75	23.00
		1	50	21.64	21.66	21.58	23.00
		1	99	21.77	21.70	21.64	23.00
		50	0	20.71	20.76	20.69	22.00
		50	25	20.74	20.81	20.85	22.00
		50	50	20.75	20.84	20.82	22.00
		100	0	20.80	20.77	20.81	22.00
	64QAM	1	0	20.55	20.58	20.66	22.00
		1	50	20.54	20.63	20.63	22.00
		1	99	20.49	20.57	20.60	22.00
		50	0	19.71	19.79	19.77	21.00
		50	25	19.87	19.82	19.84	21.00
		50	50	19.76	19.80	19.88	21.00
		100	0	19.75	19.81	19.85	21.00
	256QAM	1	0	18.24	18.24	18.32	19.00
		1	50	18.42	18.40	18.47	19.00
		1	99	18.18	18.26	18.23	19.00
		50	0	18.29	18.29	18.29	19.00
		50	25	18.29	18.23	18.17	19.00
		50	50	18.20	18.27	18.24	19.00
		100	0	18.20	18.20	18.25	19.00



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

Report No.: SZCR240700286108

Page: 575 of 1531

LTE Band 4 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.71	19.68	19.78	21.00
		1	2	19.62	19.78	19.72	21.00
		1	5	19.70	19.63	19.70	21.00
		3	0	19.65	19.70	19.71	21.00
		3	2	19.70	19.72	19.58	21.00
		3	3	19.85	19.77	19.63	21.00
		6	0	19.61	19.73	19.61	21.00
	16QAM	1	0	19.73	19.67	19.62	21.00
		1	2	19.78	19.66	19.80	21.00
		1	5	19.66	19.78	19.76	21.00
		3	0	19.79	19.60	19.63	21.00
		3	2	19.53	19.62	19.53	21.00
		3	3	19.77	19.82	19.65	21.00
		6	0	19.73	19.72	19.75	21.00
	64QAM	1	0	19.42	19.49	19.59	21.00
		1	2	19.40	19.51	19.54	21.00
		1	5	19.46	19.47	19.49	21.00
		3	0	19.62	19.71	19.72	21.00
		3	2	19.82	19.66	19.80	21.00
		3	3	19.69	19.70	19.60	21.00
		6	0	19.59	19.57	19.64	21.00
	256QAM	1	0	18.20	18.27	18.45	19.00
		1	2	18.19	18.26	18.44	19.00
		1	5	18.29	18.35	18.23	19.00
		3	0	18.04	18.17	18.36	19.00
		3	2	18.18	18.37	18.32	19.00
		3	3	18.27	18.26	18.31	19.00
		6	0	18.14	18.18	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.63	19.80	19.77	21.00
		1	7	19.79	19.83	19.61	21.00
		1	14	19.63	19.68	19.76	21.00
		8	0	19.69	19.70	19.81	21.00
		8	4	19.74	19.73	19.63	21.00



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

Report No.: SZCR240700286108

Page: 576 of 1531

		8	7	19.86	19.65	19.78	21.00
		15	0	19.71	19.66	19.63	21.00
	16QAM	1	0	19.63	19.72	19.67	21.00
		1	7	19.75	19.83	19.71	21.00
		1	14	19.67	19.83	19.94	21.00
		8	0	19.80	19.76	19.53	21.00
		8	4	19.68	19.65	19.61	21.00
		8	7	19.65	19.67	19.69	21.00
		15	0	19.75	19.61	19.59	21.00
		1	0	19.56	19.40	19.52	21.00
	64QAM	1	7	19.43	19.46	19.54	21.00
		1	14	19.45	19.41	19.53	21.00
		8	0	19.55	19.71	19.82	21.00
		8	4	19.67	19.72	19.81	21.00
		8	7	19.58	19.62	19.50	21.00
		15	0	19.69	19.72	19.63	21.00
		1	0	18.24	18.39	18.33	19.00
	256QAM	1	7	18.29	18.33	18.51	19.00
		1	14	18.24	18.35	18.27	19.00
		8	0	18.09	18.31	18.44	19.00
		8	4	18.29	18.25	18.39	19.00
		8	7	18.40	18.22	18.38	19.00
		15	0	18.16	18.17	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.69	19.78	19.74	21.00
		1	13	19.62	19.87	19.72	21.00
		1	24	19.53	19.64	19.82	21.00
		12	0	19.63	19.62	19.88	21.00
		12	6	19.61	19.76	19.57	21.00
		12	13	19.78	19.80	19.63	21.00
		25	0	19.66	19.76	19.66	21.00
	16QAM	1	0	19.76	19.69	19.71	21.00
		1	13	19.76	19.79	19.84	21.00
		1	24	19.69	19.86	19.81	21.00
		12	0	19.67	19.71	19.49	21.00
		12	6	19.69	19.67	19.57	21.00
		12	13	19.70	19.79	19.57	21.00
		25	0	19.59	19.68	19.61	21.00



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

Report No.: SZCR240700286108

Page: 577 of 1531

	64QAM	1	0	19.42	19.46	19.48	21.00
		1	13	19.41	19.49	19.55	21.00
		1	24	19.41	19.43	19.49	21.00
		12	0	19.54	19.63	19.68	21.00
		12	6	19.71	19.78	19.75	21.00
		12	13	19.59	19.70	19.67	21.00
		25	0	19.75	19.71	19.67	21.00
	256QAM	1	0	18.28	18.30	18.47	19.00
		1	13	18.19	18.44	18.50	19.00
		1	24	18.25	18.41	18.21	19.00
		12	0	18.04	18.32	18.29	19.00
		12	6	18.16	18.19	18.28	19.00
		12	13	18.30	18.16	18.32	19.00
		25	0	18.21	18.26	18.19	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.58	19.80	19.71	21.00
		1	25	19.68	19.82	19.79	21.00
		1	49	19.68	19.70	19.83	21.00
		25	0	19.67	19.64	19.82	21.00
		25	13	19.70	19.77	19.57	21.00
		25	25	19.79	19.67	19.61	21.00
		50	0	19.68	19.70	19.68	21.00
	16QAM	1	0	19.62	19.75	19.66	21.00
		1	25	19.87	19.71	19.67	21.00
		1	49	19.79	19.84	19.82	21.00
		25	0	19.84	19.70	19.60	21.00
		25	13	19.67	19.70	19.57	21.00
		25	25	19.64	19.73	19.62	21.00
		50	0	19.70	19.60	19.79	21.00
	64QAM	1	0	19.58	19.57	19.57	21.00
		1	25	19.51	19.39	19.44	21.00
		1	49	19.51	19.41	19.45	21.00
		25	0	19.48	19.56	19.72	21.00
		25	13	19.76	19.62	19.80	21.00
		25	25	19.55	19.72	19.66	21.00
		50	0	19.70	19.68	19.73	21.00
	256QAM	1	0	18.31	18.35	18.31	19.00
		1	25	18.27	18.45	18.43	19.00



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

Report No.: SZCR240700286108

Page: 578 of 1531

		1	49	18.33	18.34	18.26	19.00
		25	0	18.15	18.17	18.31	19.00
		25	13	18.24	18.20	18.21	19.00
		25	25	18.46	18.18	18.30	19.00
		50	0	18.33	18.19	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.59	19.70	19.61	21.00
		1	38	19.76	19.77	19.69	21.00
		1	74	19.55	19.76	19.82	21.00
		36	0	19.69	19.70	19.82	21.00
		36	18	19.59	19.61	19.67	21.00
		36	39	19.79	19.78	19.73	21.00
		75	0	19.63	19.74	19.74	21.00
	16QAM	1	0	19.76	19.76	19.73	21.00
		1	38	19.84	19.75	19.86	21.00
		1	74	19.82	19.73	19.94	21.00
		36	0	19.75	19.62	19.67	21.00
		36	18	19.63	19.66	19.52	21.00
		36	39	19.68	19.78	19.72	21.00
		75	0	19.59	19.60	19.77	21.00
	64QAM	1	0	19.54	19.50	19.42	21.00
		1	38	19.52	19.44	19.56	21.00
		1	74	19.54	19.52	19.35	21.00
		36	0	19.66	19.67	19.78	21.00
		36	18	19.82	19.62	19.85	21.00
		36	39	19.63	19.65	19.61	21.00
		75	0	19.74	19.62	19.73	21.00
	256QAM	1	0	18.15	18.32	18.41	19.00
		1	38	18.21	18.42	18.42	19.00
		1	74	18.35	18.26	18.21	19.00
		36	0	18.06	18.25	18.26	19.00
		36	18	18.21	18.36	18.28	19.00
		36	39	18.32	18.28	18.27	19.00
		75	0	18.27	18.34	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.68	19.76	19.70	21.00
		1	50	19.69	19.78	19.70	21.00



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

Report No.: SZCR240700286108

Page: 579 of 1531

		1	99	19.63	19.73	19.76	21.00
		50	0	19.64	19.72	19.80	21.00
		50	25	19.67	19.68	19.62	21.00
		50	50	19.81	19.74	19.69	21.00
		100	0	19.65	19.68	19.71	21.00
	16QAM	1	0	19.67	19.77	19.68	21.00
		1	50	19.83	19.75	19.76	21.00
		1	99	19.74	19.79	19.85	21.00
		50	0	19.74	19.68	19.59	21.00
		50	25	19.59	19.65	19.56	21.00
		50	50	19.68	19.72	19.63	21.00
		100	0	19.69	19.67	19.69	21.00
	64QAM	1	0	19.51	19.50	19.52	21.00
		1	50	19.46	19.47	19.51	21.00
		1	99	19.44	19.51	19.45	21.00
		50	0	19.58	19.65	19.74	21.00
		50	25	19.73	19.69	19.79	21.00
		50	50	19.59	19.66	19.60	21.00
		100	0	19.66	19.65	19.72	21.00
	256QAM	1	0	18.23	18.33	18.38	19.00
		1	50	18.29	18.36	18.44	19.00
		1	99	18.34	18.34	18.28	19.00
		50	0	18.14	18.24	18.34	19.00
		50	25	18.24	18.28	18.29	19.00
		50	50	18.36	18.26	18.29	19.00
		100	0	18.23	18.25	18.21	19.00



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

Report No.: SZCR240700286108

Page: 580 of 1531

LTE Band 4 DSI 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	16.76	16.84	16.70	18.00
		1	2	16.61	16.77	16.72	18.00
		1	5	16.71	16.76	16.66	18.00
		3	0	16.73	16.89	16.79	18.00
		3	2	16.70	16.78	16.83	18.00
		3	3	16.59	16.67	16.62	18.00
		6	0	16.74	16.71	16.73	18.00
	16QAM	1	0	16.60	16.82	16.72	18.00
		1	2	16.73	16.67	16.79	18.00
		1	5	16.74	16.74	16.65	18.00
		3	0	16.71	16.81	16.76	18.00
		3	2	16.69	16.85	16.79	18.00
		3	3	16.62	16.77	16.69	18.00
		6	0	16.81	16.71	16.72	18.00
	64QAM	1	0	16.63	16.70	16.82	18.00
		1	2	16.64	16.69	16.81	18.00
		1	5	16.65	16.68	16.71	18.00
		3	0	16.49	16.80	16.82	18.00
		3	2	16.66	16.82	16.82	18.00
		3	3	16.70	16.82	16.64	18.00
		6	0	16.68	16.86	16.82	18.00
	256QAM	1	0	16.64	16.68	16.63	18.00
		1	2	16.70	16.69	16.70	18.00
		1	5	16.62	16.66	16.80	18.00
		3	0	16.67	16.70	16.71	18.00
		3	2	16.71	16.85	16.75	18.00
		3	3	16.58	16.78	16.74	18.00
		6	0	16.73	16.78	16.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.67	16.80	16.67	18.00
		1	7	16.80	16.86	16.71	18.00
		1	14	16.78	16.71	16.81	18.00
		8	0	16.77	16.79	16.79	18.00
		8	4	16.72	16.85	16.77	18.00



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

Report No.: SZCR240700286108

Page: 581 of 1531

		8	7	16.68	16.78	16.79	18.00
		15	0	16.83	16.69	16.61	18.00
	16QAM	1	0	16.59	16.80	16.64	18.00
		1	7	16.74	16.66	16.82	18.00
		1	14	16.63	16.79	16.73	18.00
		8	0	16.74	16.78	16.80	18.00
		8	4	16.54	16.68	16.67	18.00
		8	7	16.70	16.69	16.78	18.00
		15	0	16.67	16.76	16.76	18.00
		1	0	16.67	16.77	16.78	18.00
	64QAM	1	7	16.65	16.71	16.84	18.00
		1	14	16.74	16.80	16.81	18.00
		8	0	16.52	16.76	16.83	18.00
		8	4	16.66	16.88	16.67	18.00
		8	7	16.75	16.69	16.73	18.00
		15	0	16.58	16.87	16.70	18.00
		1	0	16.61	16.68	16.70	18.00
	256QAM	1	7	16.71	16.82	16.65	18.00
		1	14	16.73	16.77	16.76	18.00
		8	0	16.71	16.72	16.65	18.00
		8	4	16.62	16.86	16.78	18.00
		8	7	16.54	16.65	16.70	18.00
		15	0	16.58	16.76	16.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.75	16.71	16.85	18.00
		1	13	16.77	16.74	16.82	18.00
		1	24	16.71	16.74	16.68	18.00
		12	0	16.66	16.71	16.70	18.00
		12	6	16.73	16.85	16.64	18.00
		12	13	16.61	16.81	16.69	18.00
		25	0	16.75	16.73	16.77	18.00
	16QAM	1	0	16.57	16.78	16.77	18.00
		1	13	16.73	16.64	16.83	18.00
		1	24	16.60	16.76	16.69	18.00
		12	0	16.71	16.65	16.64	18.00
		12	6	16.56	16.70	16.70	18.00
		12	13	16.67	16.75	16.80	18.00
		25	0	16.84	16.88	16.73	18.00



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Report No.: SZCR240700286108

Page: 582 of 1531

	64QAM	1	0	16.54	16.67	16.69	18.00
		1	13	16.59	16.75	16.78	18.00
		1	24	16.69	16.86	16.69	18.00
		12	0	16.67	16.68	16.71	18.00
		12	6	16.64	16.77	16.83	18.00
		12	13	16.73	16.74	16.78	18.00
		25	0	16.75	16.68	16.68	18.00
	256QAM	1	0	16.63	16.65	16.72	18.00
		1	13	16.83	16.68	16.68	18.00
		1	24	16.59	16.64	16.74	18.00
		12	0	16.60	16.72	16.79	18.00
		12	6	16.67	16.82	16.72	18.00
		12	13	16.66	16.80	16.83	18.00
		25	0	16.68	16.85	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.63	16.86	16.65	18.00
		1	25	16.62	16.78	16.65	18.00
		1	49	16.72	16.76	16.81	18.00
		25	0	16.78	16.84	16.81	18.00
		25	13	16.73	16.85	16.66	18.00
		25	25	16.59	16.70	16.72	18.00
		50	0	16.69	16.67	16.75	18.00
	16QAM	1	0	16.67	16.79	16.71	18.00
		1	25	16.65	16.65	16.80	18.00
		1	49	16.61	16.79	16.77	18.00
		25	0	16.68	16.79	16.80	18.00
		25	13	16.71	16.85	16.80	18.00
		25	25	16.68	16.78	16.66	18.00
		50	0	16.71	16.84	16.76	18.00
	64QAM	1	0	16.71	16.74	16.81	18.00
		1	25	16.72	16.72	16.83	18.00
		1	49	16.70	16.76	16.68	18.00
		25	0	16.68	16.80	16.68	18.00
		25	13	16.60	16.79	16.82	18.00
		25	25	16.75	16.71	16.76	18.00
		50	0	16.70	16.76	16.76	18.00
	256QAM	1	0	16.69	16.80	16.64	18.00
		1	25	16.69	16.77	16.73	18.00



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

Report No.: SZCR240700286108

Page: 583 of 1531

		1	49	16.75	16.82	16.77	18.00
		25	0	16.60	16.76	16.74	18.00
		25	13	16.67	16.88	16.81	18.00
		25	25	16.51	16.73	16.81	18.00
		50	0	16.66	16.67	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.67	16.70	16.68	18.00
		1	38	16.70	16.71	16.62	18.00
		1	74	16.74	16.80	16.72	18.00
		36	0	16.83	16.88	16.81	18.00
		36	18	16.61	16.83	16.65	18.00
		36	39	16.63	16.72	16.68	18.00
		75	0	16.63	16.68	16.65	18.00
	16QAM	1	0	16.73	16.74	16.74	18.00
		1	38	16.55	16.79	16.78	18.00
		1	74	16.63	16.79	16.68	18.00
		36	0	16.68	16.84	16.66	18.00
		36	18	16.66	16.69	16.70	18.00
		36	39	16.56	16.76	16.73	18.00
		75	0	16.74	16.78	16.61	18.00
	64QAM	1	0	16.63	16.78	16.66	18.00
		1	38	16.74	16.71	16.73	18.00
		1	74	16.70	16.70	16.65	18.00
		36	0	16.61	16.71	16.72	18.00
		36	18	16.73	16.77	16.84	18.00
		36	39	16.60	16.73	16.80	18.00
		75	0	16.72	16.87	16.82	18.00
	256QAM	1	0	16.71	16.64	16.79	18.00
		1	38	16.66	16.71	16.64	18.00
		1	74	16.70	16.75	16.74	18.00
		36	0	16.65	16.66	16.76	18.00
		36	18	16.63	16.83	16.70	18.00
		36	39	16.64	16.83	16.82	18.00
		75	0	16.72	16.67	16.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	16.73	16.77	16.75	18.00
		1	50	16.70	16.76	16.72	18.00



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Report No.: SZCR240700286108

Page: 584 of 1531

		1	99	16.68	16.70	16.71	18.00
		50	0	16.73	16.80	16.74	18.00
		50	25	16.69	16.80	16.74	18.00
		50	50	16.61	16.71	16.72	18.00
		100	0	16.73	16.72	16.67	18.00
	16QAM	1	0	16.64	16.73	16.71	18.00
		1	50	16.64	16.74	16.77	18.00
		1	99	16.64	16.77	16.75	18.00
		50	0	16.72	16.74	16.73	18.00
		50	25	16.62	16.76	16.72	18.00
		50	50	16.63	16.71	16.74	18.00
		100	0	16.74	16.81	16.68	18.00
	64QAM	1	0	16.61	16.72	16.73	18.00
		1	50	16.69	16.74	16.74	18.00
		1	99	16.67	16.78	16.73	18.00
		50	0	16.59	16.74	16.74	18.00
		50	25	16.65	16.80	16.75	18.00
		50	50	16.69	16.73	16.70	18.00
		100	0	16.68	16.78	16.77	18.00
	256QAM	1	0	16.67	16.72	16.71	18.00
		1	50	16.74	16.76	16.73	18.00
		1	99	16.66	16.73	16.73	18.00
		50	0	16.68	16.74	16.69	18.00
		50	25	16.70	16.80	16.72	18.00
		50	50	16.59	16.75	16.74	18.00
		100	0	16.66	16.75	16.75	18.00



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

Report No.: SZCR240700286108

Page: 585 of 1531

LTE Band 5 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.50	23.55	23.63	25.00
		1	2	23.68	23.57	23.57	25.00
		1	5	23.57	23.56	23.54	25.00
		3	0	23.58	23.67	23.69	25.00
		3	2	23.62	23.72	23.51	25.00
		3	3	23.66	23.63	23.64	25.00
		6	0	22.61	22.57	22.61	24.00
	16QAM	1	0	22.62	22.70	22.66	24.00
		1	2	22.60	22.70	22.76	24.00
		1	5	22.59	22.59	22.53	24.00
		3	0	22.60	22.51	22.32	24.00
		3	2	22.51	22.50	22.50	24.00
		3	3	22.47	22.35	22.41	24.00
		6	0	21.66	21.62	21.55	23.00
	64QAM	1	0	21.52	21.58	21.63	23.00
		1	2	21.71	21.68	21.54	23.00
		1	5	21.76	21.54	21.71	23.00
		3	0	21.49	21.55	21.60	23.00
		3	2	21.53	21.61	21.51	23.00
		3	3	21.45	21.34	21.47	23.00
		6	0	20.63	20.50	20.59	22.00
	256QAM	1	0	18.62	18.63	18.45	20.00
		1	2	18.58	18.63	18.69	20.00
		1	5	18.59	18.71	18.64	20.00
		3	0	18.61	18.70	18.53	20.00
		3	2	18.69	18.62	18.89	20.00
		3	3	18.75	18.79	18.65	20.00
		6	0	18.63	18.62	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.62	23.53	23.63	25.00
		1	7	23.66	23.65	23.47	25.00
		1	14	23.59	23.48	23.59	25.00
		8	0	22.59	22.60	22.61	24.00
		8	4	22.64	22.62	22.53	24.00



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Report No.: SZCR240700286108

Page: 586 of 1531

		8	7	22.75	22.51	22.74	24.00
		15	0	22.68	22.64	22.56	24.00
	16QAM	1	0	22.58	22.52	22.37	24.00
		1	7	22.48	22.34	22.48	24.00
		1	14	22.40	22.48	22.37	24.00
		8	0	21.75	21.46	21.61	23.00
		8	4	21.59	21.65	21.63	23.00
		8	7	21.64	21.65	21.64	23.00
		15	0	21.78	21.57	21.53	23.00
		1	0	21.49	21.58	21.44	23.00
	64QAM	1	7	21.47	21.61	21.44	23.00
		1	14	21.47	21.45	21.48	23.00
		8	0	20.62	20.58	20.53	22.00
		8	4	20.59	20.64	20.59	22.00
		8	7	20.58	20.64	20.60	22.00
		15	0	20.61	20.58	20.54	22.00
		1	0	18.47	18.63	18.48	20.00
	256QAM	1	7	18.50	18.64	18.62	20.00
		1	14	18.63	18.66	18.63	20.00
		8	0	18.60	18.60	18.56	20.00
		8	4	18.76	18.67	18.84	20.00
		8	7	18.74	18.59	18.74	20.00
		15	0	18.56	18.63	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.66	23.51	23.66	25.00
		1	13	23.76	23.61	23.66	25.00
		1	24	23.60	23.64	23.60	25.00
		12	0	22.49	22.53	22.70	24.00
		12	6	22.59	22.61	22.57	24.00
		12	13	22.67	22.67	22.79	24.00
		25	0	22.59	22.62	22.52	24.00
	16QAM	1	0	22.63	22.56	22.41	24.00
		1	13	22.51	22.31	22.43	24.00
		1	24	22.33	22.43	22.38	24.00
		12	0	21.61	21.55	21.59	23.00
		12	6	21.70	21.69	21.70	23.00
		12	13	21.66	21.71	21.65	23.00
		25	0	21.72	21.52	21.69	23.00



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

Report No.: SZCR240700286108

Page: 587 of 1531

		1	0	21.50	21.47	21.61	23.00
		1	13	21.61	21.48	21.34	23.00
		1	24	21.52	21.50	21.43	23.00
	64QAM	12	0	20.67	20.57	20.60	22.00
		12	6	20.64	20.60	20.69	22.00
		12	13	20.73	20.65	20.65	22.00
		25	0	20.49	20.53	20.60	22.00
		1	0	18.65	18.59	18.62	20.00
		1	13	18.47	18.66	18.75	20.00
		1	24	18.58	18.71	18.66	20.00
	256QAM	12	0	18.61	18.61	18.68	20.00
		12	6	18.70	18.70	18.71	20.00
		12	13	18.59	18.60	18.66	20.00
		25	0	18.55	18.69	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.56	23.61	23.67	25.00
		1	25	23.69	23.65	23.56	25.00
		1	49	23.59	23.57	23.58	25.00
		25	0	22.56	22.59	22.64	24.00
		25	13	22.63	22.66	22.59	24.00
		25	25	22.70	22.60	22.69	24.00
		50	0	22.59	22.56	22.62	24.00
	16QAM	1	0	22.54	22.46	22.38	24.00
		1	25	22.48	22.40	22.48	24.00
		1	49	22.41	22.38	22.33	24.00
		25	0	21.65	21.56	21.51	23.00
		25	13	21.61	21.63	21.71	23.00
		25	25	21.65	21.62	21.62	23.00
		50	0	21.69	21.59	21.61	23.00
	64QAM	1	0	21.45	21.48	21.52	23.00
		1	25	21.57	21.51	21.44	23.00
		1	49	21.45	21.41	21.42	23.00
		25	0	20.59	20.54	20.61	22.00
		25	13	20.62	20.69	20.66	22.00
		25	25	20.66	20.66	20.62	22.00
		50	0	20.57	20.56	20.58	22.00
	256QAM	1	0	18.57	18.53	18.53	20.00
		1	25	18.52	18.62	18.68	20.00



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Report No.: SZCR240700286108

Page: 588 of 1531

		1	49	18.62	18.68	18.60	20.00
		25	0	18.60	18.63	18.59	20.00
		25	13	18.75	18.70	18.80	20.00
		25	25	18.69	18.69	18.68	20.00
		50	0	18.56	18.65	18.65	20.00



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Report No.: SZCR240700286108

Page: 589 of 1531

LTE Band 5 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.08	23.09	23.23	24.50
		1	2	23.23	23.01	23.03	24.50
		1	5	23.02	23.02	23.12	24.50
		3	0	23.13	23.03	23.32	24.50
		3	2	23.13	23.08	23.04	24.50
		3	3	22.97	23.15	23.16	24.50
		6	0	22.52	22.60	22.79	24.00
	16QAM	1	0	22.45	22.61	22.68	24.00
		1	2	22.83	22.53	22.74	24.00
		1	5	22.46	22.54	22.53	24.00
		3	0	22.61	22.48	22.44	24.00
		3	2	22.37	22.40	22.46	24.00
		3	3	22.60	22.36	22.28	24.00
		6	0	21.59	21.53	21.50	23.00
	64QAM	1	0	21.48	21.71	21.85	23.00
		1	2	21.63	21.51	21.51	23.00
		1	5	21.68	21.60	21.50	23.00
		3	0	21.40	21.37	21.56	23.00
		3	2	21.51	21.58	21.29	23.00
		3	3	21.29	21.39	21.51	23.00
		6	0	20.64	20.74	20.63	22.00
	256QAM	1	0	18.57	18.69	18.53	20.00
		1	2	18.40	18.78	18.72	20.00
		1	5	18.70	18.74	18.65	20.00
		3	0	18.65	18.47	18.64	20.00
		3	2	18.77	18.75	18.89	20.00
		3	3	18.73	18.66	18.61	20.00
		6	0	18.51	18.63	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.94	23.05	23.27	24.50
		1	7	23.24	23.03	23.02	24.50
		1	14	22.98	23.19	23.08	24.50
		8	0	22.49	22.59	22.61	24.00
		8	4	22.52	22.69	22.62	24.00



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

Report No.: SZCR240700286108

Page: 590 of 1531

		8	7	22.71	22.56	22.65	24.00
		15	0	22.53	22.62	22.68	24.00
	16QAM	1	0	22.67	22.45	22.42	24.00
		1	7	22.46	22.42	22.62	24.00
		1	14	22.43	22.33	22.44	24.00
		8	0	21.65	21.63	21.62	23.00
		8	4	21.67	21.64	21.73	23.00
		8	7	21.71	21.49	21.62	23.00
		15	0	21.66	21.57	21.57	23.00
		1	0	21.35	21.52	21.54	23.00
	64QAM	1	7	21.58	21.52	21.32	23.00
		1	14	21.34	21.55	21.52	23.00
		8	0	20.59	20.71	20.74	22.00
		8	4	20.53	20.54	20.63	22.00
		8	7	20.70	20.61	20.67	22.00
		15	0	20.64	20.52	20.55	22.00
		1	0	18.56	18.65	18.62	20.00
	256QAM	1	7	18.50	18.71	18.63	20.00
		1	14	18.68	18.68	18.68	20.00
		8	0	18.60	18.49	18.51	20.00
		8	4	18.75	18.75	18.86	20.00
		8	7	18.67	18.53	18.62	20.00
		15	0	18.42	18.71	18.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.03	22.99	23.23	24.50
		1	13	23.14	23.12	23.00	24.50
		1	24	23.15	23.15	23.12	24.50
		12	0	22.55	22.70	22.75	24.00
		12	6	22.59	22.72	22.63	24.00
		12	13	22.83	22.65	22.72	24.00
		25	0	22.48	22.70	22.64	24.00
	16QAM	1	0	22.61	22.51	22.36	24.00
		1	13	22.46	22.50	22.60	24.00
		1	24	22.44	22.20	22.24	24.00
		12	0	21.65	21.63	21.56	23.00
		12	6	21.54	21.75	21.77	23.00
		12	13	21.71	21.63	21.56	23.00
		25	0	21.77	21.61	21.61	23.00



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Report No.: SZCR240700286108

Page: 591 of 1531

	64QAM	1	0	21.40	21.49	21.59	23.00
		1	13	21.62	21.58	21.39	23.00
		1	24	21.42	21.39	21.36	23.00
		12	0	20.58	20.69	20.65	22.00
		12	6	20.61	20.56	20.74	22.00
		12	13	20.58	20.61	20.58	22.00
		25	0	20.49	20.57	20.44	22.00
	256QAM	1	0	18.63	18.70	18.62	20.00
		1	13	18.54	18.72	18.65	20.00
		1	24	18.70	18.83	18.59	20.00
		12	0	18.65	18.58	18.63	20.00
		12	6	18.80	18.76	18.87	20.00
		12	13	18.55	18.72	18.62	20.00
		25	0	18.43	18.71	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.04	23.06	23.22	24.50
		1	25	23.18	23.11	23.03	24.50
		1	49	23.06	23.11	23.10	24.50
		25	0	22.54	22.64	22.71	24.00
		25	13	22.53	22.65	22.66	24.00
		25	25	22.78	22.62	22.67	24.00
		50	0	22.54	22.63	22.58	24.00
	16QAM	1	0	22.63	22.49	22.43	24.00
		1	25	22.40	22.44	22.56	24.00
		1	49	22.51	22.28	22.34	24.00
		25	0	21.58	21.56	21.54	23.00
		25	13	21.58	21.67	21.78	23.00
		25	25	21.72	21.54	21.52	23.00
		50	0	21.67	21.57	21.57	23.00
	64QAM	1	0	21.40	21.44	21.50	23.00
		1	25	21.60	21.50	21.36	23.00
		1	49	21.39	21.49	21.42	23.00
		25	0	20.68	20.64	20.70	22.00
		25	13	20.59	20.64	20.71	22.00
		25	25	20.62	20.70	20.57	22.00
		50	0	20.58	20.58	20.49	22.00
	256QAM	1	0	18.55	18.60	18.55	20.00
		1	25	18.47	18.68	18.64	20.00



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

Report No.: SZCR240700286108

Page: 592 of 1531

		1	49	18.71	18.78	18.62	20.00
		25	0	18.57	18.55	18.57	20.00
		25	13	18.75	18.71	18.89	20.00
		25	25	18.65	18.62	18.68	20.00
		50	0	18.51	18.70	18.55	20.00

LTE Band 5 DSI 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	19.95	20.21	20.20	21.50
		1	2	20.17	20.18	20.06	21.50
		1	5	20.00	20.17	20.00	21.50
		3	0	20.19	20.16	20.09	21.50
		3	2	20.07	20.22	20.10	21.50
		3	3	20.05	20.12	20.04	21.50
		6	0	20.14	20.17	20.25	21.50
	16QAM	1	0	20.21	20.06	19.98	21.50
		1	2	20.20	20.09	20.12	21.50
		1	5	20.01	20.01	20.21	21.50
		3	0	20.16	20.03	19.98	21.50
		3	2	20.23	20.06	20.16	21.50
		3	3	19.96	20.09	20.26	21.50
		6	0	20.18	20.21	20.18	21.50
	64QAM	1	0	20.16	20.14	20.13	21.50
		1	2	20.05	20.17	20.19	21.50
		1	5	20.24	20.07	20.16	21.50
		3	0	20.07	20.05	19.97	21.50
		3	2	20.08	20.04	20.30	21.50
		3	3	20.22	20.20	20.16	21.50
		6	0	20.10	20.18	19.99	21.50
	256QAM	1	0	18.53	18.74	18.56	20.00
		1	2	18.63	18.60	18.63	20.00
		1	5	18.81	18.71	18.68	20.00
		3	0	18.56	18.43	18.46	20.00
		3	2	18.73	18.70	18.96	20.00
		3	3	18.46	18.53	18.65	20.00
		6	0	18.43	18.70	18.43	20.00
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.: SZCR240700286108

Page: 593 of 1531

				20415	20525	20635	
3MHz	QPSK	1	0	20.08	20.01	20.18	21.50
		1	7	20.20	20.11	20.03	21.50
		1	14	20.12	20.14	20.16	21.50
		8	0	20.05	20.10	20.13	21.50
		8	4	20.05	20.21	20.14	21.50
		8	7	20.13	19.97	19.97	21.50
		15	0	20.14	20.15	20.08	21.50
	16QAM	1	0	20.09	20.19	20.04	21.50
		1	7	20.11	20.11	20.02	21.50
		1	14	19.93	20.04	20.17	21.50
		8	0	20.16	20.02	19.98	21.50
		8	4	20.11	20.06	20.10	21.50
		8	7	20.13	20.08	20.22	21.50
		15	0	20.21	20.09	20.12	21.50
	64QAM	1	0	20.10	20.12	20.07	21.50
		1	7	19.99	20.15	20.29	21.50
		1	14	20.29	20.14	20.13	21.50
		8	0	20.06	20.11	20.01	21.50
		8	4	20.05	20.11	20.27	21.50
		8	7	20.21	20.14	19.98	21.50
		15	0	20.04	20.00	20.06	21.50
	256QAM	1	0	18.52	18.77	18.60	20.00
		1	7	18.59	18.63	18.73	20.00
		1	14	18.64	18.80	18.72	20.00
		8	0	18.72	18.48	18.45	20.00
		8	4	18.67	18.75	18.87	20.00
		8	7	18.47	18.61	18.58	20.00
		15	0	18.51	18.76	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.09	20.09	20.16	21.50
		1	13	20.21	20.13	20.11	21.50
		1	24	20.12	20.04	20.02	21.50
		12	0	19.99	20.23	20.28	21.50
		12	6	20.05	20.22	20.17	21.50
		12	13	20.18	20.05	20.06	21.50
		25	0	20.16	20.16	20.08	21.50
	16QAM	1	0	20.08	20.18	20.00	21.50



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

Report No.: SZCR240700286108

Page: 594 of 1531

		1	13	20.21	19.98	20.18	21.50	
		1	24	20.01	20.19	20.16	21.50	
		12	0	20.10	20.09	19.99	21.50	
		12	6	20.06	20.17	20.02	21.50	
		12	13	20.07	19.99	20.22	21.50	
		25	0	20.21	20.12	20.14	21.50	
	64QAM	1	0	20.11	20.18	20.00	21.50	
		1	13	19.96	20.16	20.13	21.50	
		1	24	20.19	20.23	20.15	21.50	
		12	0	20.16	20.07	19.94	21.50	
		12	6	20.09	20.16	20.23	21.50	
		12	13	20.13	20.12	20.11	21.50	
	256QAM	25	0	19.99	20.02	20.18	21.50	
		1	0	18.63	18.71	18.48	20.00	
		1	13	18.58	18.75	18.73	20.00	
		1	24	18.77	18.63	18.66	20.00	
		12	0	18.56	18.54	18.48	20.00	
		12	6	18.63	18.78	18.92	20.00	
		12	13	18.66	18.54	18.66	20.00	
	25	0	18.51	18.69	18.48	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
	10MHz	QPSK	1	0	20.03	20.11	20.14	21.50
			1	25	20.22	20.13	20.11	21.50
1			49	20.10	20.11	20.07	21.50	
25			0	20.09	20.16	20.18	21.50	
25			13	20.14	20.18	20.08	21.50	
25			25	20.10	20.07	20.07	21.50	
50			0	20.09	20.13	20.16	21.50	
16QAM		1	0	20.16	20.10	20.05	21.50	
		1	25	20.14	20.04	20.08	21.50	
		1	49	20.01	20.10	20.21	21.50	
		25	0	20.16	20.11	20.02	21.50	
		25	13	20.14	20.09	20.12	21.50	
		25	25	20.03	20.06	20.20	21.50	
		50	0	20.15	20.13	20.08	21.50	
64QAM		1	0	20.09	20.11	20.09	21.50	
		1	25	20.02	20.14	20.19	21.50	
		1	49	20.23	20.14	20.07	21.50	



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

Report No.: SZCR240700286108

Page: 595 of 1531

		25	0	20.10	20.08	20.03	21.50
		25	13	20.05	20.14	20.22	21.50
		25	25	20.22	20.10	20.06	21.50
		50	0	20.08	20.09	20.08	21.50
	256QAM	1	0	18.58	18.67	18.51	20.00
		1	25	18.55	18.69	18.73	20.00
		1	49	18.73	18.72	18.70	20.00
		25	0	18.65	18.53	18.52	20.00
		25	13	18.73	18.79	18.94	20.00
		25	25	18.56	18.63	18.65	20.00
		50	0	18.44	18.67	18.49	20.00



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

Report No.: SZCR240700286108

Page: 596 of 1531

LTE Band 7 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.05	22.03	22.17	23.50
		1	13	22.13	22.14	22.21	23.50
		1	24	22.24	22.11	22.17	23.50
		12	0	21.19	21.19	21.18	22.50
		12	6	21.22	21.22	21.31	22.50
		12	13	21.13	21.07	20.94	22.50
		25	0	21.05	21.09	21.08	22.50
	16QAM	1	0	20.91	20.85	20.85	22.50
		1	13	20.88	21.03	20.94	22.50
		1	24	21.12	20.93	21.03	22.50
		12	0	20.13	20.25	20.28	21.50
		12	6	20.27	20.36	20.33	21.50
		12	13	20.21	20.17	20.21	21.50
		25	0	20.00	20.15	20.04	21.50
	64QAM	1	0	20.03	20.03	19.95	21.50
		1	13	20.08	20.17	20.10	21.50
		1	24	20.19	20.16	20.13	21.50
		12	0	19.21	19.09	19.18	20.50
		12	6	19.24	19.16	19.29	20.50
		12	13	19.06	19.04	19.09	20.50
		25	0	19.08	19.15	19.20	20.50
	256QAM	1	0	17.15	17.12	17.10	18.50
		1	13	16.90	16.99	16.87	18.50
		1	24	17.03	17.08	17.01	18.50
		12	0	17.11	17.14	17.22	18.50
		12	6	17.02	17.14	17.16	18.50
		12	13	17.13	17.25	17.07	18.50
		25	0	17.16	17.30	17.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.06	22.08	22.12	23.50
		1	25	22.12	22.18	22.25	23.50
		1	49	22.16	22.29	22.06	23.50
		25	0	21.16	21.23	21.26	22.50
		25	13	21.21	21.13	21.20	22.50



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

Report No.: SZCR240700286108

Page: 597 of 1531

		25	25	21.20	21.02	21.05	22.50
		50	0	21.12	21.12	21.14	22.50
	16QAM	1	0	20.81	20.76	20.85	22.50
		1	25	20.89	20.83	21.01	22.50
		1	49	20.98	20.97	20.93	22.50
		25	0	20.13	20.12	20.30	21.50
		25	13	20.38	20.21	20.26	21.50
		25	25	20.14	20.14	20.06	21.50
		50	0	19.98	20.05	19.94	21.50
		1	0	20.02	20.10	20.08	21.50
	64QAM	1	25	20.09	20.19	20.15	21.50
		1	49	20.13	20.14	20.12	21.50
		25	0	19.11	19.03	19.20	20.50
		25	13	19.23	19.31	19.32	20.50
		25	25	19.07	19.04	19.06	20.50
		50	0	19.20	19.13	19.04	20.50
		1	0	17.26	17.11	17.01	18.50
	256QAM	1	25	16.88	17.00	16.92	18.50
		1	49	17.15	17.17	17.01	18.50
		25	0	17.09	17.23	17.24	18.50
		25	13	17.02	17.18	17.23	18.50
		25	25	17.08	17.28	17.11	18.50
		50	0	17.18	17.21	17.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.99	22.07	22.20	23.50
		1	38	22.19	22.22	22.24	23.50
		1	74	22.21	22.26	22.25	23.50
		36	0	21.11	21.09	21.25	22.50
		36	18	21.30	21.23	21.22	22.50
		36	39	21.22	21.12	21.02	22.50
		75	0	21.14	21.11	21.11	22.50
	16QAM	1	0	20.82	20.94	20.84	22.50
		1	38	20.83	21.00	20.91	22.50
		1	74	20.93	20.88	21.01	22.50
		36	0	20.15	20.11	20.18	21.50
		36	18	20.36	20.21	20.36	21.50
		36	39	20.28	20.24	20.23	21.50
		75	0	20.17	20.13	19.97	21.50



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

Report No.: SZCR240700286108

Page: 598 of 1531

	64QAM	1	0	20.05	20.09	19.96	21.50
		1	38	20.21	20.17	20.08	21.50
		1	74	20.19	20.25	20.11	21.50
		36	0	19.27	19.16	19.12	20.50
		36	18	19.25	19.31	19.28	20.50
		36	39	19.02	19.02	19.09	20.50
		75	0	19.15	19.03	19.08	20.50
	256QAM	1	0	17.24	17.08	16.96	18.50
		1	38	17.02	16.99	16.87	18.50
		1	74	17.10	17.14	17.03	18.50
		36	0	17.02	17.23	17.14	18.50
		36	18	17.07	17.06	17.17	18.50
		36	39	17.22	17.25	17.09	18.50
		75	0	17.20	17.15	17.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.00	22.07	22.15	23.50
		1	50	22.12	22.14	22.15	23.50
		1	99	22.23	22.20	22.16	23.50
		50	0	21.14	21.14	21.18	22.50
		50	25	21.27	21.19	21.28	22.50
		50	50	21.13	21.08	20.99	22.50
		100	0	21.09	21.04	21.10	22.50
	16QAM	1	0	20.81	20.84	20.89	22.50
		1	50	20.87	20.93	21.00	22.50
		1	99	21.03	20.95	20.93	22.50
		50	0	20.22	20.18	20.23	21.50
		50	25	20.29	20.28	20.32	21.50
		50	50	20.18	20.17	20.13	21.50
		100	0	20.08	20.05	20.01	21.50
	64QAM	1	0	20.08	20.03	20.02	21.50
		1	50	20.18	20.12	20.08	21.50
		1	99	20.09	20.15	20.12	21.50
		50	0	19.18	19.12	19.22	20.50
		50	25	19.29	19.21	19.30	20.50
		50	50	19.09	19.06	19.15	20.50
		100	0	19.18	19.12	19.10	20.50
	256QAM	1	0	17.18	17.11	17.01	18.50
		1	50	16.96	17.02	16.94	18.50



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

Report No.: SZCR240700286108

Page: 599 of 1531

		1	99	17.05	17.08	17.07	18.50
		50	0	17.12	17.17	17.23	18.50
		50	25	17.06	17.10	17.14	18.50
		50	50	17.15	17.19	17.17	18.50
		100	0	17.13	17.21	17.20	18.50



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Report No.: SZCR240700286108

Page: 600 of 1531

LTE Band 7 DSI 4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.54	20.60	20.72	22.00
		1	13	20.66	20.75	20.66	22.00
		1	24	20.78	20.69	20.60	22.00
		12	0	20.57	20.59	20.77	22.00
		12	6	20.57	20.77	20.62	22.00
		12	13	20.70	20.78	20.64	22.00
		25	0	20.52	20.52	20.56	22.00
	16QAM	1	0	20.54	20.66	20.75	22.00
		1	13	20.77	20.81	20.62	22.00
		1	24	20.60	20.50	20.55	22.00
		12	0	20.14	20.14	20.24	21.50
		12	6	20.39	20.36	20.23	21.50
		12	13	20.24	20.23	20.01	21.50
		25	0	20.09	20.21	19.99	21.50
	64QAM	1	0	20.24	20.02	19.96	21.50
		1	13	20.18	20.13	20.15	21.50
		1	24	20.03	20.12	20.05	21.50
		12	0	19.10	19.06	19.32	20.50
		12	6	19.28	19.17	19.46	20.50
		12	13	19.20	18.98	19.17	20.50
		25	0	19.15	19.06	19.18	20.50
	256QAM	1	0	17.08	17.07	16.91	18.50
		1	13	17.04	17.01	16.92	18.50
		1	24	17.25	17.18	17.07	18.50
		12	0	17.20	17.28	17.21	18.50
		12	6	16.96	17.13	16.98	18.50
		12	13	17.10	17.17	17.29	18.50
		25	0	17.10	17.13	17.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.40	20.44	20.74	22.00
		1	25	20.56	20.60	20.67	22.00
		1	49	20.72	20.70	20.62	22.00
		25	0	20.44	20.56	20.63	22.00
		25	13	20.61	20.75	20.68	22.00



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

Report No.: SZCR240700286108

Page: 601 of 1531

		25	25	20.74	20.69	20.68	22.00
		50	0	20.45	20.44	20.66	22.00
	16QAM	1	0	20.55	20.77	20.68	22.00
		1	25	20.78	20.64	20.55	22.00
		1	49	20.58	20.56	20.73	22.00
		25	0	20.33	20.14	20.33	21.50
		25	13	20.30	20.27	20.27	21.50
		25	25	20.24	20.16	20.03	21.50
		50	0	20.07	20.24	20.13	21.50
		1	0	20.15	20.19	20.07	21.50
	64QAM	1	25	20.09	20.13	20.21	21.50
		1	49	20.10	20.10	20.16	21.50
		25	0	19.22	19.09	19.29	20.50
		25	13	19.31	19.09	19.49	20.50
		25	25	19.06	19.11	19.25	20.50
		50	0	18.99	19.03	19.23	20.50
		1	0	17.13	17.15	16.93	18.50
	256QAM	1	25	16.97	16.89	16.90	18.50
		1	49	17.17	17.14	17.01	18.50
		25	0	17.17	17.31	17.29	18.50
		25	13	16.95	17.12	17.16	18.50
		25	25	17.12	17.18	17.29	18.50
		50	0	17.07	17.03	17.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.41	20.56	20.74	22.00
		1	38	20.68	20.67	20.71	22.00
		1	74	20.70	20.80	20.57	22.00
		36	0	20.40	20.61	20.76	22.00
		36	18	20.54	20.61	20.67	22.00
		36	39	20.63	20.83	20.71	22.00
		75	0	20.47	20.60	20.69	22.00
	16QAM	1	0	20.52	20.58	20.76	22.00
		1	38	20.81	20.69	20.73	22.00
		1	74	20.55	20.67	20.56	22.00
		36	0	20.14	20.19	20.20	21.50
		36	18	20.38	20.28	20.17	21.50
		36	39	20.15	20.10	20.08	21.50
		75	0	20.10	20.14	20.13	21.50



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

Report No.: SZCR240700286108

Page: 602 of 1531

	64QAM	1	0	20.18	20.03	20.05	21.50
		1	38	20.09	20.07	20.12	21.50
		1	74	20.11	20.13	20.14	21.50
		36	0	19.18	19.05	19.24	20.50
		36	18	19.36	19.26	19.44	20.50
		36	39	19.22	19.12	19.20	20.50
		75	0	19.16	18.98	19.11	20.50
	256QAM	1	0	17.20	17.14	17.00	18.50
		1	38	17.07	16.98	16.87	18.50
		1	74	17.23	17.14	17.11	18.50
		36	0	17.11	17.29	17.23	18.50
		36	18	17.09	17.09	17.09	18.50
		36	39	17.17	17.24	17.24	18.50
		75	0	17.04	17.06	17.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.47	20.53	20.66	22.00
		1	50	20.64	20.65	20.63	22.00
		1	99	20.69	20.72	20.64	22.00
		50	0	20.48	20.62	20.69	22.00
		50	25	20.60	20.69	20.68	22.00
		50	50	20.73	20.75	20.70	22.00
		100	0	20.53	20.52	20.64	22.00
	16QAM	1	0	20.59	20.67	20.70	22.00
		1	50	20.76	20.71	20.64	22.00
		1	99	20.63	20.60	20.64	22.00
		50	0	20.23	20.16	20.25	21.50
		50	25	20.38	20.30	20.25	21.50
		50	50	20.16	20.15	20.10	21.50
		100	0	20.04	20.15	20.04	21.50
	64QAM	1	0	20.18	20.10	20.00	21.50
		1	50	20.10	20.10	20.18	21.50
		1	99	20.10	20.10	20.15	21.50
		50	0	19.18	19.14	19.22	20.50
		50	25	19.37	19.16	19.39	20.50
		50	50	19.14	19.04	19.18	20.50
		100	0	19.09	19.08	19.17	20.50
	256QAM	1	0	17.12	17.08	16.99	18.50
		1	50	17.02	16.96	16.87	18.50



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

Report No.: SZCR240700286108

Page: 603 of 1531

		1	99	17.15	17.13	17.01	18.50
		50	0	17.11	17.22	17.31	18.50
		50	25	17.04	17.14	17.08	18.50
		50	50	17.19	17.24	17.22	18.50
		100	0	17.06	17.11	17.12	18.50



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Report No.: SZCR240700286108

Page: 604 of 1531

LTE Band 7 DSI 8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.47	17.53	17.76	19.00
		1	13	17.61	17.51	17.79	19.00
		1	24	17.71	17.79	17.59	19.00
		12	0	17.47	17.59	17.64	19.00
		12	6	17.68	17.54	17.78	19.00
		12	13	17.80	17.74	17.62	19.00
		25	0	17.54	17.65	17.55	19.00
	16QAM	1	0	17.76	17.65	17.61	19.00
		1	13	17.64	17.75	17.67	19.00
		1	24	17.45	17.55	17.72	19.00
		12	0	17.66	17.53	17.67	19.00
		12	6	17.86	17.75	17.61	19.00
		12	13	17.47	17.62	17.60	19.00
		25	0	17.68	17.63	17.60	19.00
	64QAM	1	0	17.73	17.79	17.62	19.00
		1	13	17.56	17.52	17.57	19.00
		1	24	17.57	17.59	17.61	19.00
		12	0	17.80	17.70	17.53	19.00
		12	6	17.59	17.69	17.68	19.00
		12	13	17.68	17.69	17.69	19.00
		25	0	17.70	17.73	17.65	19.00
	256QAM	1	0	16.95	17.21	17.01	18.50
		1	13	17.08	16.91	16.91	18.50
		1	24	17.09	17.29	16.94	18.50
		12	0	17.16	17.25	17.36	18.50
		12	6	16.92	17.23	17.17	18.50
		12	13	17.16	17.31	17.24	18.50
		25	0	17.25	17.07	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.47	17.65	17.76	19.00
		1	25	17.65	17.66	17.62	19.00
		1	49	17.77	17.61	17.59	19.00
		25	0	17.53	17.55	17.65	19.00
		25	13	17.64	17.62	17.73	19.00



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Report No.: SZCR240700286108

Page: 605 of 1531

		25	25	17.76	17.68	17.73	19.00
		50	0	17.57	17.65	17.69	19.00
	16QAM	1	0	17.72	17.68	17.55	19.00
		1	25	17.61	17.70	17.61	19.00
		1	49	17.53	17.60	17.59	19.00
		25	0	17.62	17.58	17.64	19.00
		25	13	17.85	17.59	17.55	19.00
		25	25	17.46	17.44	17.76	19.00
		50	0	17.74	17.67	17.77	19.00
		1	0	17.64	17.84	17.72	19.00
	64QAM	1	25	17.50	17.48	17.66	19.00
		1	49	17.53	17.71	17.72	19.00
		25	0	17.71	17.64	17.67	19.00
		25	13	17.59	17.58	17.73	19.00
		25	25	17.53	17.61	17.53	19.00
		50	0	17.69	17.71	17.54	19.00
		1	0	17.11	17.07	16.84	18.50
	256QAM	1	25	16.94	17.00	16.93	18.50
		1	49	17.07	17.28	16.92	18.50
		25	0	17.08	17.26	17.42	18.50
		25	13	17.09	17.10	17.04	18.50
		25	25	17.26	17.22	17.30	18.50
		50	0	17.06	17.13	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.53	17.52	17.70	19.00
		1	38	17.64	17.69	17.63	19.00
		1	74	17.59	17.74	17.63	19.00
		36	0	17.51	17.66	17.64	19.00
		36	18	17.56	17.67	17.64	19.00
		36	39	17.67	17.67	17.68	19.00
		75	0	17.38	17.71	17.57	19.00
	16QAM	1	0	17.62	17.71	17.74	19.00
		1	38	17.64	17.63	17.56	19.00
		1	74	17.56	17.51	17.72	19.00
		36	0	17.57	17.61	17.79	19.00
		36	18	17.73	17.60	17.65	19.00
		36	39	17.60	17.44	17.65	19.00
		75	0	17.68	17.62	17.57	19.00



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