

2.6 Conducted Power of Intra Band LTE Uplink CA (Ant5)

LTE Band 2 -OM8443 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.41	22.16	22.28	24.00
		1	2	22.49	22.36	22.12	24.00
		1	5	22.54	22.50	22.39	24.00
		3	0	22.36	22.21	22.34	24.00
		3	2	22.41	22.10	22.24	24.00
		3	3	22.49	22.55	22.26	24.00
		6	0	21.13	21.45	21.10	23.00
	16QAM	1	0	21.15	21.10	21.29	23.00
		1	2	21.39	21.35	21.63	23.00
		1	5	21.37	21.04	21.45	23.00
		3	0	21.43	21.46	21.32	23.00
		3	2	21.27	21.32	21.23	23.00
		3	3	21.19	21.34	21.36	23.00
		6	0	20.40	20.01	20.33	22.00
	64QAM	1	0	20.33	20.43	20.40	22.00
		1	2	20.20	20.25	20.36	22.00
		1	5	20.46	20.34	20.25	22.00
		3	0	20.36	20.03	20.52	22.00
		3	2	20.23	20.55	20.28	22.00
		3	3	20.16	20.13	20.22	22.00
		6	0	19.37	19.57	19.48	21.00
	256QAM	1	0	17.06	17.34	17.35	19.00
		1	2	17.40	17.42	17.49	19.00
		1	5	17.32	17.25	17.45	19.00
		3	0	17.60	17.41	17.22	19.00
		3	2	17.25	17.42	17.45	19.00
		3	3	17.12	17.40	17.09	19.00
		6	0	17.31	17.60	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.40	22.13	22.26	24.00
		1	7	22.44	22.27	22.18	24.00
		1	14	22.44	22.47	22.29	24.00
		8	0	21.29	21.18	21.42	23.00
		8	4	21.47	21.06	21.24	23.00
		8	7	21.50	21.55	21.29	23.00
		15	0	21.13	21.37	21.14	23.00
	16QAM	1	0	21.23	21.20	21.21	23.00
		1	7	21.43	21.31	21.58	23.00
		1	14	21.39	21.12	21.44	23.00
		8	0	20.46	20.43	20.33	22.00
		8	4	20.22	20.38	20.27	22.00
		8	7	20.04	20.24	20.40	22.00
		15	0	20.34	20.09	20.34	22.00
	64QAM	1	0	20.33	20.40	20.34	22.00
		1	7	20.23	20.16	20.26	22.00
		1	14	20.45	20.43	20.24	22.00
		8	0	19.29	19.05	19.50	21.00
		8	4	19.25	19.65	19.38	21.00
		8	7	19.15	19.17	19.23	21.00
		15	0	19.46	19.53	19.52	21.00
	256QAM	1	0	17.15	17.29	17.29	19.00
		1	7	17.38	17.34	17.49	19.00
		1	14	17.26	17.34	17.36	19.00



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

Report No.: SZCR250400155410

Page: 399 of 748

		8	0	17.54	17.36	17.30	19.00
		8	4	17.24	17.48	17.42	19.00
		8	7	17.16	17.45	17.13	19.00
		15	0	17.37	17.58	17.43	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.45	22.21	22.35	24.00
		1	13	22.36	22.34	22.24	24.00
		1	24	22.44	22.37	22.37	24.00
		12	0	21.28	21.19	21.42	23.00
		12	6	21.48	21.07	21.17	23.00
		12	13	21.42	21.51	21.28	23.00
	16QAM	25	0	21.13	21.29	21.23	23.00
		1	0	21.23	21.18	21.26	23.00
		1	13	21.53	21.41	21.48	23.00
		1	24	21.37	21.06	21.47	23.00
		12	0	20.48	20.51	20.28	22.00
		12	6	20.26	20.34	20.32	22.00
	64QAM	12	13	20.11	20.29	20.34	22.00
		25	0	20.36	20.19	20.38	22.00
		1	0	20.41	20.32	20.32	22.00
		1	13	20.20	20.16	20.21	22.00
		1	24	20.35	20.37	20.20	22.00
		12	0	19.36	19.14	19.60	21.00
10MHz	QPSK	12	6	19.25	19.57	19.39	21.00
		12	13	19.22	19.25	19.26	21.00
		25	0	19.54	19.59	19.48	21.00
	16QAM	1	0	17.19	17.24	17.21	19.00
		1	13	17.44	17.30	17.57	19.00
		1	24	17.34	17.25	17.35	19.00
	64QAM	12	0	17.46	17.45	17.40	19.00
		12	6	17.20	17.43	17.34	19.00
		12	13	17.13	17.36	17.18	19.00
		25	0	17.27	17.51	17.53	19.00
	256QAM	1	0	22.44	22.24	22.33	24.00
		1	25	22.38	22.41	22.30	24.00
		1	49	22.35	22.31	22.34	24.00
		25	0	21.26	21.21	21.44	23.00
		25	13	21.49	21.14	21.23	23.00
		25	25	21.39	21.48	21.21	23.00
5MHz	QPSK	50	0	21.22	21.24	21.14	23.00
		1	0	21.23	21.23	21.26	23.00
		1	25	21.46	21.32	21.48	23.00
		1	49	21.41	21.12	21.39	23.00
		25	0	20.49	20.46	20.35	22.00
		25	13	20.28	20.36	20.32	22.00
	16QAM	25	25	20.14	20.31	20.32	22.00
		50	0	20.26	20.19	20.30	22.00
		1	0	20.36	20.42	20.25	22.00
		1	25	20.24	20.26	20.21	22.00
		1	49	20.29	20.31	20.12	22.00
		25	0	19.34	19.24	19.50	21.00
	64QAM	25	13	19.25	19.48	19.36	21.00
		25	25	19.28	19.16	19.36	21.00
		50	0	19.44	19.54	19.49	21.00
		1	0	17.24	17.22	17.20	19.00
		1	25	17.54	17.29	17.59	19.00
		1	49	17.38	17.31	17.30	19.00
10MHz	QPSK	25	0	17.41	17.47	17.49	19.00
		1	0	22.44	22.24	22.33	24.00
		1	25	22.38	22.41	22.30	24.00
		1	49	22.35	22.31	22.34	24.00
		25	0	21.26	21.21	21.44	23.00
		25	13	21.49	21.14	21.23	23.00
	16QAM	25	25	21.39	21.48	21.21	23.00
		50	0	21.22	21.24	21.14	23.00
		1	0	21.23	21.23	21.26	23.00
		1	25	21.46	21.32	21.48	23.00
		1	49	21.41	21.12	21.39	23.00
		25	0	20.49	20.46	20.35	22.00
	64QAM	25	13	20.28	20.36	20.32	22.00
		25	25	20.14	20.31	20.32	22.00
		50	0	20.26	20.19	20.30	22.00
		1	0	20.36	20.42	20.25	22.00
		1	25	20.24	20.26	20.21	22.00
		1	49	20.29	20.31	20.12	22.00
	256QAM	25	0	19.34	19.24	19.50	21.00
		25	13	19.25	19.48	19.36	21.00
		25	25	19.28	19.16	19.36	21.00
		50	0	19.44	19.54	19.49	21.00
		1	0	17.24	17.22	17.20	19.00
		1	25	17.54	17.29	17.59	19.00



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

Report No.: SZCR250400155410

Page: 400 of 748

		25	13	17.22	17.39	17.39	19.00
		25	25	17.19	17.36	17.28	19.00
		50	0	17.20	17.51	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.40	22.29	22.34	24.00
		1	38	22.37	22.32	22.31	24.00
		1	74	22.28	22.22	22.29	24.00
		36	0	21.35	21.27	21.35	23.00
		36	18	21.42	21.13	21.23	23.00
		36	39	21.38	21.40	21.26	23.00
		75	0	21.29	21.31	21.24	23.00
	16QAM	1	0	21.23	21.25	21.36	23.00
		1	38	21.44	21.37	21.49	23.00
		1	74	21.42	21.22	21.37	23.00
		36	0	20.41	20.36	20.34	22.00
		36	18	20.26	20.41	20.40	22.00
		36	39	20.18	20.31	20.35	22.00
		75	0	20.33	20.18	20.34	22.00
	64QAM	1	0	20.37	20.33	20.27	22.00
		1	38	20.24	20.25	20.22	22.00
		1	74	20.26	20.25	20.15	22.00
		36	0	19.31	19.33	19.44	21.00
		36	18	19.30	19.46	19.38	21.00
		36	39	19.32	19.18	19.26	21.00
		75	0	19.45	19.57	19.43	21.00
	256QAM	1	0	17.34	17.29	17.21	19.00
		1	38	17.44	17.35	17.52	19.00
		1	74	17.44	17.38	17.37	19.00
		36	0	17.42	17.37	17.42	19.00
		36	18	17.32	17.43	17.40	19.00
		36	39	17.26	17.34	17.23	19.00
		75	0	17.29	17.42	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.31	22.38	22.31	24.00
		1	50	22.38	22.36	22.29	24.00
		1	99	22.31	22.20	22.24	24.00
		50	0	21.32	21.31	21.32	23.00
		50	25	21.33	21.23	21.25	23.00
		50	50	21.35	21.37	21.35	23.00
		100	0	21.37	21.33	21.33	23.00
	16QAM	1	0	21.25	21.27	21.27	23.00
		1	50	21.39	21.47	21.39	23.00
		1	99	21.38	21.29	21.32	23.00
		50	0	20.49	20.43	20.40	22.00
		50	25	20.30	20.34	20.30	22.00
		50	50	20.28	20.33	20.31	22.00
		100	0	20.25	20.27	20.34	22.00
	64QAM	1	0	20.37	20.38	20.30	22.00
		1	50	20.22	20.24	20.29	22.00
		1	99	20.17	20.16	20.23	22.00
		50	0	19.40	19.40	19.43	21.00
		50	25	19.40	19.40	19.44	21.00
		50	50	19.27	19.28	19.20	21.00
		100	0	19.40	19.50	19.45	21.00
	256QAM	1	0	17.34	17.31	17.29	19.00
		1	50	17.38	17.42	17.44	19.00
		1	99	17.37	17.43	17.43	19.00
		50	0	17.33	17.32	17.35	19.00
		50	25	17.42	17.46	17.49	19.00



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

Report No.: SZCR250400155410

Page: 401 of 748

		50	50	17.27	17.25	17.17	19.00
		100	0	17.29	17.35	17.32	19.00

LTE Band 2 -OM8443 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.81	18.81	18.77	20.50
		1	2	18.77	18.74	18.64	20.50
		1	5	18.69	18.88	18.74	20.50
		3	0	18.76	18.86	18.82	20.50
		3	2	18.76	18.77	18.77	20.50
		3	3	18.69	18.82	18.73	20.50
	16QAM	6	0	18.72	18.84	18.76	20.50
		1	0	18.80	18.82	18.75	20.50
		1	2	18.81	18.77	18.68	20.50
		1	5	18.68	18.73	18.74	20.50
		3	0	18.83	18.82	18.73	20.50
		3	2	18.75	18.93	18.79	20.50
	64QAM	3	3	18.88	18.70	18.88	20.50
		6	0	18.77	18.86	18.83	20.50
		1	0	18.67	18.81	18.82	20.50
		1	2	18.71	18.72	18.77	20.50
		1	5	18.69	18.79	18.71	20.50
		3	0	18.78	18.72	18.79	20.50
3MHz	QPSK	3	2	18.82	18.91	18.73	20.50
		3	3	18.78	18.79	18.82	20.50
		6	0	18.77	18.86	18.81	20.50
	16QAM	1	0	17.35	17.25	17.24	19.00
		1	2	17.34	17.31	17.34	19.00
		1	5	17.42	17.31	17.50	19.00
	64QAM	3	0	17.24	17.36	17.27	19.00
		3	2	17.30	17.34	17.54	19.00
		3	3	17.18	17.13	17.19	19.00
	256QAM	6	0	17.27	17.35	17.26	19.00
		1	0	18.67	18.90	18.69	20.50
		1	7	18.78	18.86	18.68	20.50
		1	14	18.65	18.88	18.73	20.50
		8	0	18.77	18.78	18.72	20.50
		8	4	18.83	18.80	18.84	20.50
	16QAM	8	7	18.70	18.79	18.82	20.50
		15	0	18.81	18.93	18.74	20.50
		1	0	18.68	18.90	18.87	20.50
		1	7	18.65	18.77	18.72	20.50
		1	14	18.86	18.91	18.81	20.50
		8	0	18.73	18.87	18.71	20.50
	64QAM	8	4	18.79	18.72	18.83	20.50
		8	7	18.80	18.77	18.75	20.50
		15	0	18.81	18.90	18.85	20.50
		1	0	18.75	18.90	18.74	20.50
		1	7	18.67	18.71	18.88	20.50
		1	14	18.74	18.73	18.76	20.50
	256QAM	8	0	18.79	18.83	18.68	20.50
		8	4	18.65	18.82	18.65	20.50
		8	7	18.78	18.82	18.79	20.50
		15	0	18.78	18.92	18.79	20.50
		1	0	17.37	17.34	17.27	19.00
		1	7	17.31	17.40	17.51	19.00



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

Report No.: SZCR250400155410

Page: 402 of 748

		1	14	17.35	17.46	17.36	19.00
		8	0	17.40	17.30	17.31	19.00
		8	4	17.30	17.49	17.42	19.00
		8	7	17.27	17.26	17.03	19.00
		15	0	17.21	17.29	17.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.82	18.76	18.67	20.50
		1	13	18.66	18.89	18.76	20.50
		1	24	18.82	18.85	18.78	20.50
		12	0	18.74	18.89	18.85	20.50
		12	6	18.77	18.90	18.65	20.50
		12	13	18.84	18.77	18.81	20.50
	16QAM	25	0	18.73	18.87	18.67	20.50
		1	0	18.83	18.84	18.69	20.50
		1	13	18.70	18.78	18.79	20.50
		1	24	18.84	18.92	18.75	20.50
		12	0	18.85	18.81	18.73	20.50
		12	6	18.69	18.87	18.83	20.50
	64QAM	12	13	18.64	18.93	18.83	20.50
		25	0	18.78	18.88	18.75	20.50
		1	0	18.79	18.80	18.76	20.50
		1	13	18.82	18.81	18.82	20.50
		1	24	18.79	18.74	18.73	20.50
		12	0	18.76	18.80	18.74	20.50
	256QAM	12	6	18.83	18.80	18.87	20.50
		12	13	18.85	18.74	18.72	20.50
		25	0	18.71	18.88	18.79	20.50
		1	0	17.32	17.37	17.16	19.00
		1	13	17.26	17.38	17.46	19.00
		1	24	17.25	17.34	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.69	18.83	18.75	20.50
		1	25	18.69	18.78	18.81	20.50
		1	49	18.75	18.86	18.67	20.50
		25	0	18.68	18.90	18.84	20.50
		25	13	18.72	18.90	18.70	20.50
		25	25	18.65	18.81	18.78	20.50
	16QAM	50	0	18.76	18.79	18.73	20.50
		1	0	18.78	18.84	18.76	20.50
		1	25	18.75	18.85	18.80	20.50
		1	49	18.81	18.72	18.70	20.50
		25	0	18.80	18.87	18.75	20.50
		25	13	18.87	18.77	18.72	20.50
	64QAM	25	25	18.75	18.77	18.74	20.50
		50	0	18.85	18.86	18.80	20.50
		1	0	18.70	18.81	18.88	20.50
		1	25	18.70	18.75	18.81	20.50
		1	49	18.70	18.85	18.84	20.50
		25	0	18.79	18.78	18.73	20.50
	256QAM	25	13	18.66	18.78	18.74	20.50
		25	25	18.68	18.90	18.73	20.50
		50	0	18.84	18.86	18.74	20.50
		1	0	17.33	17.26	17.31	19.00
		1	25	17.30	17.41	17.33	19.00
		1	49	17.22	17.35	17.42	19.00



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

Report No.: SZCR250400155410

Page: 403 of 748

		25	0	17.24	17.24	17.34	19.00
		25	13	17.40	17.30	17.42	19.00
		25	25	17.24	17.18	17.16	19.00
		50	0	17.24	17.38	17.26	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.65	18.95	18.81	20.50
		1	38	18.74	18.79	18.84	20.50
		1	74	18.83	18.92	18.80	20.50
		36	0	18.68	18.71	18.83	20.50
		36	18	18.68	18.79	18.75	20.50
		36	39	18.73	18.82	18.68	20.50
	16QAM	75	0	18.86	18.90	18.71	20.50
		1	0	18.67	18.89	18.65	20.50
		1	38	18.69	18.82	18.80	20.50
		1	74	18.82	18.93	18.67	20.50
		36	0	18.73	18.81	18.77	20.50
		36	18	18.84	18.89	18.76	20.50
	64QAM	36	39	18.80	18.85	18.73	20.50
		75	0	18.71	18.85	18.83	20.50
		1	0	18.79	18.93	18.86	20.50
		1	38	18.75	18.81	18.69	20.50
		1	74	18.72	18.87	18.78	20.50
		36	0	18.82	18.81	18.73	20.50
	256QAM	36	18	18.76	18.78	18.75	20.50
		36	39	18.77	18.82	18.85	20.50
		75	0	18.69	18.86	18.67	20.50
		1	0	17.32	17.27	17.27	19.00
		1	38	17.34	17.39	17.46	19.00
		1	74	17.25	17.50	17.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.83	18.84	18.81	20.50
		1	50	18.77	18.81	18.71	20.50
		1	99	18.65	18.78	18.74	20.50
		50	0	18.80	18.85	18.83	20.50
		50	25	18.79	18.84	18.73	20.50
		50	50	18.72	18.85	18.72	20.50
	16QAM	100	0	18.82	18.86	18.77	20.50
		1	0	18.68	18.78	18.72	20.50
		1	50	18.84	18.75	18.80	20.50
		1	99	18.69	18.79	18.75	20.50
		50	0	18.85	18.89	18.77	20.50
		50	25	18.86	18.85	18.78	20.50
	64QAM	50	50	18.89	18.79	18.82	20.50
		100	0	18.72	18.88	18.71	20.50
		1	0	18.67	18.80	18.82	20.50
		1	50	18.76	18.82	18.72	20.50
		1	99	18.76	18.86	18.81	20.50
		50	0	18.83	18.77	18.70	20.50
	256QAM	50	25	18.89	18.81	18.71	20.50
		50	50	18.70	18.78	18.84	20.50
		100	0	18.71	18.81	18.71	20.50
		1	0	17.31	17.38	17.18	19.00
		1	50	17.26	17.27	17.47	19.00
		1	99	17.38	17.41	17.44	19.00
		50	0	17.32	17.29	17.28	19.00



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

Report No.: SZCR250400155410

Page: 404 of 748

		50	25	17.35	17.30	17.53	19.00
		50	50	17.23	17.24	17.12	19.00
		100	0	17.19	17.24	17.23	19.00

LTE Band 2 -OM8443 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.77	16.80	16.78	18.50
		1	2	16.76	16.77	16.65	18.50
		1	5	16.65	16.88	16.76	18.50
		3	0	16.79	16.87	16.87	18.50
		3	2	16.79	16.76	16.75	18.50
		3	3	16.67	16.87	16.80	18.50
	16QAM	6	0	16.72	16.86	16.75	18.50
		1	0	16.81	16.84	16.79	18.50
		1	2	16.82	16.76	16.69	18.50
		1	5	16.70	16.79	16.75	18.50
		3	0	16.87	16.81	16.74	18.50
		3	2	16.81	16.94	16.77	18.50
	64QAM	3	3	16.82	16.75	16.86	18.50
		6	0	16.79	16.78	16.82	18.50
		1	0	16.66	16.75	16.81	18.50
		1	2	16.66	16.75	16.78	18.50
		1	5	16.75	16.79	16.70	18.50
		3	0	16.82	16.72	16.85	18.50
	256QAM	3	2	16.84	16.87	16.74	18.50
		3	3	16.83	16.80	16.80	18.50
		6	0	16.81	16.89	16.80	18.50
		1	0	16.79	16.76	16.82	18.50
		1	2	16.77	16.80	16.88	18.50
		1	5	16.81	16.83	16.81	18.50
3MHz	QPSK	3	0	16.82	16.79	16.87	18.50
		3	2	16.77	16.82	16.86	18.50
		3	3	16.85	16.79	16.82	18.50
		6	0	16.85	16.81	16.84	18.50
	16QAM	1	0	16.67	16.85	16.71	18.50
		1	7	16.75	16.85	16.70	18.50
		1	14	16.71	16.89	16.79	18.50
		8	0	16.82	16.80	16.68	18.50
		8	4	16.83	16.79	16.84	18.50
		8	7	16.71	16.83	16.83	18.50
	64QAM	15	0	16.83	16.91	16.71	18.50
		1	0	16.69	16.94	16.82	18.50
		1	7	16.64	16.78	16.72	18.50
		1	14	16.85	16.93	16.75	18.50
		8	0	16.74	16.84	16.69	18.50
		8	4	16.78	16.73	16.76	18.50
	256QAM	8	7	16.77	16.71	16.74	18.50
		15	0	16.85	16.87	16.81	18.50
		1	0	16.76	16.89	16.77	18.50
		1	7	16.68	16.75	16.88	18.50
		1	14	16.72	16.80	16.83	18.50
		8	0	16.82	16.87	16.71	18.50



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

Report No.: SZCR250400155410

Page: 405 of 748

		1	7	16.78	16.88	16.78	18.50
		1	14	16.76	16.83	16.80	18.50
		8	0	16.78	16.84	16.76	18.50
		8	4	16.77	16.85	16.79	18.50
		8	7	16.75	16.84	16.80	18.50
		15	0	16.74	16.85	16.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.78	16.75	16.70	18.50
		1	13	16.66	16.95	16.73	18.50
		1	24	16.79	16.89	16.76	18.50
		12	0	16.67	16.89	16.89	18.50
		12	6	16.77	16.82	16.67	18.50
		12	13	16.87	16.78	16.83	18.50
		25	0	16.76	16.87	16.66	18.50
	16QAM	1	0	16.81	16.87	16.74	18.50
		1	13	16.71	16.84	16.74	18.50
		1	24	16.82	16.95	16.73	18.50
		12	0	16.87	16.83	16.71	18.50
		12	6	16.75	16.92	16.80	18.50
		12	13	16.67	16.89	16.79	18.50
		25	0	16.75	16.89	16.81	18.50
	64QAM	1	0	16.74	16.74	16.76	18.50
		1	13	16.81	16.76	16.78	18.50
		1	24	16.77	16.75	16.74	18.50
		12	0	16.83	16.76	16.74	18.50
		12	6	16.78	16.78	16.83	18.50
		12	13	16.78	16.76	16.68	18.50
		25	0	16.75	16.93	16.76	18.50
	256QAM	1	0	16.74	16.91	16.77	18.50
		1	13	16.73	16.88	16.72	18.50
		1	24	16.76	16.86	16.73	18.50
		12	0	16.71	16.87	16.75	18.50
		12	6	16.77	16.85	16.75	18.50
		12	13	16.74	16.93	16.74	18.50
		25	0	16.74	16.88	16.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	16.70	16.79	16.73	18.50
		1	25	16.69	16.85	16.75	18.50
		1	49	16.74	16.91	16.71	18.50
		25	0	16.70	16.91	16.86	18.50
		25	13	16.71	16.92	16.71	18.50
		25	25	16.69	16.75	16.73	18.50
		50	0	16.81	16.84	16.74	18.50
	16QAM	1	0	16.81	16.85	16.79	18.50
		1	25	16.76	16.81	16.74	18.50
		1	49	16.86	16.75	16.73	18.50
		25	0	16.77	16.84	16.75	18.50
		25	13	16.81	16.77	16.71	18.50
		25	25	16.76	16.70	16.74	18.50
		50	0	16.80	16.83	16.79	18.50
	64QAM	1	0	16.70	16.76	16.83	18.50
		1	25	16.74	16.80	16.85	18.50
		1	49	16.77	16.89	16.79	18.50
		25	0	16.75	16.81	16.72	18.50
		25	13	16.70	16.84	16.73	18.50
		25	25	16.69	16.89	16.72	18.50
		50	0	16.76	16.82	16.78	18.50
	256QAM	1	0	16.81	16.86	16.77	18.50
		1	25	16.77	16.86	16.81	18.50



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

Report No.: SZCR250400155410

Page: 406 of 748

		1	49	16.80	16.80	16.79	18.50
		25	0	16.84	16.82	16.82	18.50
		25	13	16.80	16.79	16.74	18.50
		25	25	16.79	16.86	16.77	18.50
		50	0	16.82	16.82	16.80	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.72	16.95	16.80	18.50
		1	38	16.79	16.86	16.87	18.50
		1	74	16.82	16.94	16.76	18.50
		36	0	16.70	16.72	16.83	18.50
		36	18	16.67	16.82	16.72	18.50
		36	39	16.74	16.74	16.70	18.50
		75	0	16.86	16.86	16.72	18.50
	16QAM	1	0	16.71	16.89	16.68	18.50
		1	38	16.67	16.74	16.79	18.50
		1	74	16.82	16.91	16.66	18.50
		36	0	16.72	16.79	16.75	18.50
		36	18	16.82	16.88	16.71	18.50
		36	39	16.83	16.88	16.71	18.50
		75	0	16.71	16.85	16.85	18.50
	64QAM	1	0	16.86	16.90	16.79	18.50
		1	38	16.81	16.79	16.71	18.50
		1	74	16.76	16.90	16.76	18.50
		36	0	16.82	16.86	16.65	18.50
		36	18	16.74	16.80	16.83	18.50
		36	39	16.75	16.85	16.82	18.50
		75	0	16.70	16.84	16.74	18.50
	256QAM	1	0	16.78	16.85	16.86	18.50
		1	38	16.77	16.87	16.88	18.50
		1	74	16.82	16.80	16.85	18.50
		36	0	16.80	16.85	16.80	18.50
		36	18	16.76	16.86	16.81	18.50
		36	39	16.83	16.87	16.86	18.50
		75	0	16.75	16.86	16.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.85	16.87	16.81	18.50
		1	50	16.81	16.82	16.64	18.50
		1	99	16.69	16.76	16.74	18.50
		50	0	16.82	16.80	16.86	18.50
		50	25	16.82	16.84	16.79	18.50
		50	50	16.78	16.86	16.74	18.50
		100	0	16.81	16.87	16.73	18.50
	16QAM	1	0	16.71	16.75	16.68	18.50
		1	50	16.85	16.75	16.79	18.50
		1	99	16.74	16.78	16.78	18.50
		50	0	16.85	16.87	16.70	18.50
		50	25	16.89	16.85	16.76	18.50
		50	50	16.82	16.77	16.83	18.50
		100	0	16.76	16.95	16.70	18.50
	64QAM	1	0	16.68	16.75	16.77	18.50
		1	50	16.70	16.76	16.76	18.50
		1	99	16.74	16.85	16.84	18.50
		50	0	16.80	16.80	16.77	18.50
		50	25	16.82	16.80	16.64	18.50
		50	50	16.75	16.86	16.83	18.50
		100	0	16.66	16.83	16.75	18.50
	256QAM	1	0	16.68	16.84	16.73	18.50
		1	50	16.68	16.80	16.76	18.50
		1	99	16.65	16.79	16.74	18.50



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

Report No.: SZCR250400155410

Page: 407 of 748

		50	0	16.69	16.78	16.76	18.50
		50	25	16.69	16.81	16.75	18.50
		50	50	16.63	16.82	16.74	18.50
		100	0	16.67	16.79	16.78	18.50

LTE Band 2 -QM77051 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.26	22.75	22.50	24.00
		1	2	22.52	22.57	22.55	24.00
		1	5	22.53	22.67	22.38	24.00
		3	0	22.46	22.58	22.69	24.00
		3	2	22.47	22.34	22.47	24.00
		3	3	22.52	22.65	22.68	24.00
	16QAM	6	0	21.76	21.61	21.37	23.00
		1	0	21.28	21.46	21.44	23.00
		1	2	21.40	21.65	21.47	23.00
		1	5	21.67	21.53	21.44	23.00
		3	0	21.78	21.48	21.41	23.00
		3	2	21.42	21.36	21.42	23.00
	64QAM	3	3	21.44	21.61	21.40	23.00
		6	0	20.31	20.49	20.45	22.00
		1	0	20.54	20.43	20.65	22.00
		1	2	20.49	20.27	20.53	22.00
		1	5	20.16	20.08	20.43	22.00
		3	0	20.71	20.14	20.41	22.00
3MHz	QPSK	3	2	20.66	20.49	20.55	22.00
		3	3	20.43	20.67	20.51	22.00
		6	0	19.41	19.58	19.63	21.00
	16QAM	1	0	17.45	17.45	17.28	19.00
		1	2	17.53	17.56	17.73	19.00
		1	5	17.42	17.53	17.43	19.00
	64QAM	3	0	17.45	17.55	17.59	19.00
		3	2	17.76	17.85	17.80	19.00
		3	3	17.51	17.52	17.52	19.00
		6	0	17.53	17.49	17.32	19.00
	QPSK	1	0	22.28	22.69	22.51	24.00
		1	7	22.46	22.58	22.48	24.00
		1	14	22.59	22.61	22.43	24.00
		8	0	21.43	21.61	21.63	23.00
		8	4	21.40	21.35	21.57	23.00
		8	7	21.49	21.61	21.71	23.00
	16QAM	15	0	21.72	21.54	21.45	23.00
		1	0	21.36	21.41	21.35	23.00
		1	7	21.33	21.58	21.51	23.00
		1	14	21.58	21.46	21.40	23.00
		8	0	20.73	20.58	20.34	22.00
		8	4	20.45	20.42	20.43	22.00
	64QAM	8	7	20.51	20.51	20.45	22.00
		15	0	20.39	20.45	20.45	22.00
		1	0	20.58	20.44	20.64	22.00
		1	7	20.45	20.35	20.62	22.00
		1	14	20.19	20.18	20.50	22.00
		8	0	19.64	19.22	19.48	21.00
		8	4	19.73	19.59	19.59	21.00
		8	7	19.38	19.64	19.46	21.00
		15	0	19.40	19.59	19.59	21.00



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

Report No.: SZCR250400155410

Page: 408 of 748

		1	0	17.43	17.54	17.34	19.00
		1	7	17.46	17.64	17.78	19.00
		1	14	17.42	17.48	17.52	19.00
		8	0	17.49	17.58	17.58	19.00
		8	4	17.67	17.75	17.76	19.00
		8	7	17.46	17.49	17.58	19.00
		15	0	17.58	17.45	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.38	22.66	22.41	24.00
		1	13	22.52	22.55	22.41	24.00
		1	24	22.58	22.62	22.38	24.00
		12	0	21.53	21.54	21.56	23.00
		12	6	21.34	21.34	21.59	23.00
		12	13	21.44	21.56	21.63	23.00
	16QAM	25	0	21.67	21.49	21.50	23.00
		1	0	21.37	21.49	21.38	23.00
		1	13	21.39	21.59	21.43	23.00
		1	24	21.66	21.48	21.49	23.00
		12	0	20.77	20.63	20.33	22.00
		12	6	20.39	20.39	20.42	22.00
	64QAM	12	13	20.46	20.45	20.46	22.00
		25	0	20.31	20.39	20.49	22.00
		1	0	20.50	20.52	20.62	22.00
		1	13	20.49	20.36	20.66	22.00
		1	24	20.19	20.14	20.44	22.00
		12	0	19.74	19.31	19.43	21.00
10MHz	QPSK	12	6	19.78	19.49	19.63	21.00
		12	13	19.34	19.59	19.43	21.00
		25	0	19.49	19.66	19.54	21.00
	16QAM	1	0	17.50	17.49	17.41	19.00
		1	13	17.38	17.74	17.74	19.00
		1	24	17.43	17.50	17.60	19.00
	64QAM	12	0	17.44	17.52	17.55	19.00
		12	6	17.72	17.65	17.85	19.00
		12	13	17.39	17.58	17.57	19.00
		25	0	17.52	17.55	17.33	19.00
	256QAM	1	0	22.34	22.57	22.41	24.00
		1	25	22.58	22.55	22.51	24.00
		1	49	22.63	22.54	22.28	24.00
		25	0	21.61	21.63	21.47	23.00
		25	13	21.43	21.32	21.50	23.00
		25	25	21.49	21.57	21.60	23.00
10MHz	QPSK	50	0	21.57	21.45	21.46	23.00
		1	0	21.38	21.52	21.30	23.00
		1	25	21.48	21.59	21.45	23.00
	16QAM	1	49	21.59	21.43	21.40	23.00
		25	0	20.70	20.63	20.42	22.00
		25	13	20.34	20.48	20.48	22.00
	64QAM	25	25	20.48	20.51	20.39	22.00
		50	0	20.29	20.45	20.45	22.00
		1	0	20.56	20.60	20.53	22.00
		1	25	20.48	20.40	20.62	22.00
		1	49	20.22	20.24	20.53	22.00
		25	0	19.68	19.34	19.47	21.00
	256QAM	25	13	19.68	19.56	19.58	21.00
		25	25	19.40	19.64	19.43	21.00
		50	0	19.46	19.67	19.61	21.00
		1	0	17.54	17.39	17.47	19.00



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

Report No.: SZCR250400155410

Page: 409 of 748

		1	25	17.42	17.65	17.68	19.00
		1	49	17.50	17.57	17.62	19.00
		25	0	17.42	17.42	17.55	19.00
		25	13	17.71	17.73	17.78	19.00
		25	25	17.39	17.49	17.48	19.00
		50	0	17.53	17.47	17.39	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.39	22.56	22.48	24.00
		1	38	22.59	22.49	22.42	24.00
		1	74	22.57	22.45	22.33	24.00
		36	0	21.61	21.56	21.43	23.00
		36	18	21.49	21.37	21.46	23.00
		36	39	21.55	21.55	21.56	23.00
		75	0	21.62	21.54	21.53	23.00
	16QAM	1	0	21.43	21.49	21.33	23.00
		1	38	21.48	21.65	21.44	23.00
		1	74	21.61	21.51	21.39	23.00
		36	0	20.73	20.53	20.50	22.00
		36	18	20.39	20.38	20.38	22.00
		36	39	20.41	20.49	20.43	22.00
		75	0	20.39	20.49	20.52	22.00
	64QAM	1	0	20.53	20.61	20.56	22.00
		1	38	20.47	20.47	20.53	22.00
		1	74	20.27	20.30	20.44	22.00
		36	0	19.60	19.43	19.49	21.00
		36	18	19.61	19.58	19.53	21.00
		36	39	19.47	19.54	19.39	21.00
		75	0	19.53	19.69	19.60	21.00
	256QAM	1	0	17.54	17.34	17.50	19.00
		1	38	17.42	17.69	17.58	19.00
		1	74	17.45	17.67	17.63	19.00
		36	0	17.42	17.47	17.54	19.00
		36	18	17.66	17.70	17.68	19.00
		36	39	17.39	17.48	17.40	19.00
		75	0	17.53	17.52	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.44	22.52	22.50	24.00
		1	50	22.53	22.47	22.47	24.00
		1	99	22.48	22.39	22.39	24.00
		50	0	21.51	21.49	21.44	23.00
		50	25	21.51	21.39	21.41	23.00
		50	50	21.46	21.53	21.54	23.00
		100	0	21.53	21.52	21.44	23.00
	16QAM	1	0	21.39	21.45	21.40	23.00
		1	50	21.56	21.62	21.54	23.00
		1	99	21.53	21.45	21.43	23.00
		50	0	20.67	20.60	20.57	22.00
		50	25	20.42	20.48	20.45	22.00
		50	50	20.42	20.47	20.45	22.00
		100	0	20.39	20.39	20.46	22.00
	64QAM	1	0	20.54	20.52	20.48	22.00
		1	50	20.38	20.41	20.45	22.00
		1	99	20.29	20.27	20.34	22.00
		50	0	19.54	19.53	19.57	21.00
		50	25	19.51	19.58	19.61	21.00
		50	50	19.42	19.46	19.34	21.00
		100	0	19.56	19.65	19.59	21.00
	256QAM	1	0	17.51	17.44	17.44	19.00
		1	50	17.50	17.59	17.59	19.00



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

Report No.: SZCR250400155410

Page: 410 of 748

		1	99	17.52	17.59	17.61	19.00
		50	0	17.48	17.50	17.54	19.00
		50	25	17.58	17.65	17.67	19.00
		50	50	17.40	17.42	17.30	19.00
		100	0	17.45	17.50	17.47	19.00

LTE Band 2 -QM77051 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	18.82	18.94	18.88	20.50
		1	2	18.84	19.04	18.93	20.50
		1	5	18.87	18.97	18.82	20.50
		3	0	18.78	19.06	18.95	20.50
		3	2	18.89	18.85	19.00	20.50
		3	3	18.88	18.90	18.93	20.50
	16QAM	6	0	18.77	18.98	18.92	20.50
		1	0	18.84	18.91	18.96	20.50
		1	2	19.00	18.99	18.95	20.50
		1	5	18.92	18.98	18.89	20.50
		3	0	18.86	19.04	19.00	20.50
		3	2	19.00	18.98	19.01	20.50
	64QAM	3	3	18.97	18.98	18.87	20.50
		6	0	18.86	18.91	18.96	20.50
		1	0	18.92	19.00	18.99	20.50
		1	2	18.97	18.98	18.89	20.50
		1	5	18.97	18.96	19.07	20.50
		3	0	18.88	18.99	18.92	20.50
3MHz	QPSK	3	2	19.00	18.89	18.93	20.50
		3	3	18.98	18.93	18.96	20.50
		6	0	18.85	18.99	19.02	20.50
	16QAM	1	0	17.41	17.34	17.44	19.00
		1	2	17.49	17.67	17.56	19.00
		1	5	17.39	17.46	17.62	19.00
	64QAM	3	0	17.33	17.45	17.40	19.00
		3	2	17.66	17.56	17.61	19.00
		3	3	17.35	17.37	17.29	19.00
		6	0	17.32	17.51	17.39	19.00
	QPSK	1	0	18.98	18.95	18.97	20.50
		1	7	18.81	19.03	19.01	20.50
		1	14	18.86	18.91	18.97	20.50
		8	0	18.97	18.89	18.96	20.50
		8	4	18.78	18.92	18.90	20.50
		8	7	18.79	18.96	18.92	20.50
	16QAM	15	0	18.95	18.96	18.93	20.50
		1	0	18.96	18.92	19.04	20.50
		1	7	18.97	18.89	18.99	20.50
		1	14	18.84	19.08	18.92	20.50
		8	0	18.79	19.06	18.90	20.50
		8	4	19.00	18.90	18.97	20.50
	64QAM	8	7	18.98	18.97	18.96	20.50
		15	0	18.89	18.92	18.93	20.50
		1	0	18.89	18.88	18.99	20.50
		1	7	18.85	18.91	19.00	20.50
		1	14	18.86	18.95	18.93	20.50
		8	0	18.95	18.93	19.00	20.50



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

Report No.: SZCR250400155410

Page: 411 of 748

		15	0	18.80	18.99	19.03	20.50
		1	0	17.47	17.45	17.45	19.00
		1	7	17.51	17.66	17.57	19.00
		1	14	17.58	17.59	17.59	19.00
		8	0	17.36	17.50	17.52	19.00
		8	4	17.65	17.60	17.55	19.00
		8	7	17.34	17.31	17.28	19.00
		15	0	17.41	17.46	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.93	18.94	18.91	20.50
		1	13	18.88	18.97	18.98	20.50
		1	24	18.95	18.99	18.94	20.50
		12	0	18.84	18.89	18.93	20.50
		12	6	18.96	18.91	18.89	20.50
		12	13	18.91	18.94	18.88	20.50
		25	0	18.96	18.98	19.04	20.50
	16QAM	1	0	18.86	19.05	18.90	20.50
		1	13	18.94	18.95	19.03	20.50
		1	24	18.84	18.97	18.88	20.50
		12	0	19.01	19.04	18.87	20.50
		12	6	18.90	18.88	18.83	20.50
		12	13	18.88	19.03	18.99	20.50
		25	0	18.91	18.90	18.93	20.50
	64QAM	1	0	18.97	19.02	18.88	20.50
		1	13	18.81	18.91	19.02	20.50
		1	24	18.82	19.04	18.94	20.50
		12	0	18.84	19.03	18.99	20.50
		12	6	18.99	19.02	18.85	20.50
		12	13	18.89	19.01	18.95	20.50
		25	0	18.79	18.97	18.97	20.50
	256QAM	1	0	17.46	17.30	17.43	19.00
		1	13	17.44	17.50	17.54	19.00
		1	24	17.53	17.61	17.53	19.00
		12	0	17.48	17.44	17.39	19.00
		12	6	17.65	17.73	17.54	19.00
		12	13	17.31	17.40	17.21	19.00
		25	0	17.42	17.48	17.37	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	18.91	19.08	20.50
		1	25	18.93	18.97	18.99	20.50
		1	49	18.82	18.96	18.95	20.50
		25	0	18.86	18.92	18.97	20.50
		25	13	18.79	18.88	19.05	20.50
		25	25	18.92	18.92	18.98	20.50
		50	0	18.84	19.00	19.00	20.50
	16QAM	1	0	18.85	19.04	19.05	20.50
		1	25	18.90	18.91	19.00	20.50
		1	49	18.79	18.90	18.88	20.50
		25	0	18.90	19.03	19.00	20.50
		25	13	18.90	18.89	19.04	20.50
		25	25	18.87	18.90	18.97	20.50
		50	0	18.93	19.04	18.99	20.50
	64QAM	1	0	18.87	18.99	18.91	20.50
		1	25	18.94	18.85	18.94	20.50
		1	49	18.95	19.02	18.88	20.50
		25	0	18.94	19.01	18.96	20.50
		25	13	18.88	19.00	18.90	20.50
		25	25	18.83	18.91	18.92	20.50
		50	0	18.82	18.98	18.85	20.50



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

Report No.: SZCR250400155410

Page: 412 of 748

		1	0	17.41	17.38	17.39	19.00
		1	25	17.39	17.51	17.57	19.00
		1	49	17.46	17.48	17.62	19.00
	256QAM	25	0	17.47	17.54	17.43	19.00
		25	13	17.50	17.59	17.55	19.00
		25	25	17.45	17.41	17.34	19.00
		50	0	17.37	17.41	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	18.87	19.03	18.98	20.50
		1	38	18.83	18.93	18.86	20.50
		1	74	18.96	18.91	18.86	20.50
		36	0	18.82	19.02	19.02	20.50
		36	18	18.96	19.08	18.95	20.50
		36	39	18.92	18.89	19.01	20.50
		75	0	18.94	18.88	18.96	20.50
	16QAM	1	0	18.89	19.04	18.93	20.50
		1	38	18.91	19.00	18.95	20.50
		1	74	18.89	18.94	18.91	20.50
		36	0	18.96	18.90	18.92	20.50
		36	18	18.89	19.03	19.06	20.50
		36	39	18.84	18.95	18.87	20.50
		75	0	18.81	18.84	18.90	20.50
	64QAM	1	0	18.86	19.06	18.88	20.50
		1	38	18.98	18.85	18.88	20.50
		1	74	18.88	18.95	18.97	20.50
		36	0	18.92	19.03	18.86	20.50
		36	18	18.80	19.02	18.98	20.50
		36	39	18.88	18.93	18.92	20.50
		75	0	18.78	19.03	18.88	20.50
	256QAM	1	0	17.37	17.45	17.50	19.00
		1	38	17.46	17.56	17.53	19.00
		1	74	17.42	17.54	17.45	19.00
		36	0	17.45	17.35	17.40	19.00
		36	18	17.40	17.55	17.74	19.00
		36	39	17.35	17.35	17.24	19.00
		75	0	17.44	17.50	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	18.94	19.03	18.96	20.50
		1	50	18.83	18.99	18.99	20.50
		1	99	18.86	18.87	18.90	20.50
		50	0	18.80	19.07	18.96	20.50
		50	25	18.92	18.95	18.93	20.50
		50	50	18.85	18.94	18.91	20.50
		100	0	18.81	18.93	18.98	20.50
	16QAM	1	0	18.89	18.93	19.01	20.50
		1	50	18.82	19.02	18.99	20.50
		1	99	18.85	18.92	18.99	20.50
		50	0	18.84	18.91	19.05	20.50
		50	25	18.82	18.93	18.95	20.50
		50	50	18.77	18.91	18.95	20.50
		100	0	18.95	19.02	19.02	20.50
	64QAM	1	0	18.94	18.94	19.00	20.50
		1	50	18.88	18.99	18.96	20.50
		1	99	18.97	18.89	18.99	20.50
		50	0	18.95	18.86	18.92	20.50
		50	25	18.96	18.90	19.06	20.50
		50	50	18.87	18.97	18.88	20.50
		100	0	18.82	18.91	18.88	20.50
	256QAM	1	0	17.56	17.46	17.30	19.00



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

Report No.: SZCR250400155410

Page: 413 of 748

		1	50	17.35	17.64	17.52	19.00
		1	99	17.45	17.49	17.61	19.00
		50	0	17.33	17.38	17.58	19.00
		50	25	17.58	17.53	17.72	19.00
		50	50	17.35	17.43	17.31	19.00
		100	0	17.29	17.49	17.52	19.00

LTE Band 2 -QM77051 DSI1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.82	16.95	16.84	18.50
		1	2	16.77	17.04	16.89	18.50
		1	5	16.87	16.99	16.85	18.50
		3	0	16.81	17.02	16.94	18.50
		3	2	16.86	16.86	17.05	18.50
		3	3	16.87	16.88	16.92	18.50
	16QAM	6	0	16.77	16.95	16.90	18.50
		1	0	16.87	16.93	16.98	18.50
		1	2	16.95	16.97	16.99	18.50
		1	5	16.92	17.03	16.92	18.50
		3	0	16.86	17.05	16.97	18.50
		3	2	16.99	16.93	17.01	18.50
	64QAM	3	3	16.95	16.99	16.88	18.50
		6	0	16.78	16.93	16.95	18.50
		1	0	16.95	17.01	16.92	18.50
		1	2	16.97	16.96	16.84	18.50
		1	5	16.94	17.00	17.04	18.50
		3	0	16.95	16.99	16.88	18.50
	256QAM	3	2	16.97	16.95	16.94	18.50
		3	3	17.02	16.95	16.95	18.50
		6	0	16.85	17.05	17.05	18.50
		1	0	16.86	16.97	17.05	18.50
		1	2	16.85	17.04	16.99	18.50
		1	5	16.83	17.05	17.06	18.50
3MHz	QPSK	3	0	16.86	17.02	17.01	18.50
		3	2	16.89	17.03	17.03	18.50
		3	3	16.84	17.04	16.98	18.50
		6	0	16.86	16.98	16.99	18.50
	16QAM	1	0	16.95	16.89	17.03	18.50
		1	7	16.82	17.03	16.98	18.50
		1	14	16.87	16.92	16.96	18.50
		8	0	16.91	16.88	16.93	18.50
		8	4	16.77	17.00	16.86	18.50
		8	7	16.82	16.96	16.92	18.50
	64QAM	15	0	16.90	16.97	16.93	18.50
		1	0	16.97	16.99	17.04	18.50
		1	7	17.01	16.92	16.95	18.50
		1	14	16.81	17.07	16.90	18.50
		8	0	16.87	17.08	16.94	18.50
		8	4	17.00	16.87	16.94	18.50
	256QAM	8	7	16.91	17.00	16.97	18.50
		15	0	16.97	16.97	16.96	18.50
		1	0	16.94	16.86	16.95	18.50
		1	7	16.85	16.92	16.95	18.50
		1	14	16.83	16.95	16.98	18.50
		8	0	16.91	16.89	17.08	18.50
	64QAM	8	4	16.95	16.89	16.89	18.50



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

Report No.: SZCR250400155410

Page: 414 of 748

	256QAM	8	7	16.92	17.03	16.98	18.50
		15	0	16.79	16.97	17.02	18.50
		1	0	16.80	16.95	17.01	18.50
		1	7	16.87	16.94	17.04	18.50
		1	14	16.82	17.01	16.97	18.50
		8	0	16.85	17.01	16.98	18.50
		8	4	16.82	16.97	16.98	18.50
		8	7	16.87	16.96	16.99	18.50
		15	0	16.82	16.93	17.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	16.96	17.00	16.89	18.50
		1	13	16.84	16.96	16.99	18.50
		1	24	16.88	17.04	16.94	18.50
		12	0	16.84	16.89	16.92	18.50
		12	6	16.93	16.95	16.89	18.50
		12	13	16.86	16.91	16.90	18.50
	16QAM	25	0	16.89	16.97	17.00	18.50
		1	0	16.89	17.04	16.95	18.50
		1	13	16.96	16.92	16.99	18.50
		1	24	16.82	16.91	16.88	18.50
		12	0	16.96	17.09	16.88	18.50
		12	6	16.83	16.89	16.83	18.50
	64QAM	12	13	16.89	16.98	16.91	18.50
		25	0	16.92	16.92	16.92	18.50
		1	0	16.94	16.98	16.94	18.50
		1	13	16.85	16.92	17.03	18.50
		1	24	16.81	17.00	16.94	18.50
		12	0	16.78	17.00	16.97	18.50
10MHz	QPSK	12	6	16.93	17.01	16.87	18.50
		12	13	16.88	17.05	16.89	18.50
		25	0	16.82	16.97	17.00	18.50
	16QAM	1	0	16.87	17.03	16.92	18.50
		1	13	16.89	17.05	16.95	18.50
		1	24	16.88	17.03	16.93	18.50
	64QAM	12	0	16.92	17.01	16.92	18.50
		12	6	16.91	17.03	16.91	18.50
		12	13	16.86	17.01	16.90	18.50
		25	0	16.93	17.05	16.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	16.94	16.96	17.06	18.50
		1	25	16.94	16.98	17.02	18.50
		1	49	16.79	17.02	16.95	18.50
		25	0	16.89	16.91	16.97	18.50
		25	13	16.81	16.88	17.04	18.50
		25	25	16.95	16.91	17.03	18.50
	16QAM	50	0	16.80	17.05	16.93	18.50
		1	0	16.79	17.03	17.06	18.50
		1	25	16.87	16.93	16.93	18.50
		1	49	16.81	16.89	16.95	18.50
		25	0	16.90	16.95	16.95	18.50
		25	13	16.87	16.90	17.03	18.50
10MHz	64QAM	25	25	16.89	16.93	16.93	18.50
		50	0	16.97	17.00	17.01	18.50
		1	0	16.86	17.00	16.95	18.50
		1	25	16.95	16.91	17.00	18.50
		1	49	16.97	16.96	16.86	18.50
		25	0	16.94	17.03	17.01	18.50
	64QAM	25	13	16.80	17.04	16.90	18.50
		25	25	16.82	16.92	16.98	18.50



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