

FCC SAR Test Report

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20407	Mid CH 20525	High CH 20643		Low CH 20407	Mid CH 20525	High CH 20643		Low CH 20407	Mid CH 20525	High CH 20643	
			824.7 MHz	836.5 MHz	848.3 MHz		824.7 MHz	836.5 MHz	848.3 MHz		824.7 MHz	836.5 MHz	848.3 MHz	
5 / 1.4M	1	0	22.92	22.82	22.88	0	22.30	22.18	22.28	1	21.09	21.01	21.12	2
	1	2	22.79	22.58	22.73	0	22.02	21.90	21.98	1	20.87	20.87	20.85	2
	1	5	23.18	22.98	23.12	0	22.42	22.21	22.39	1	21.28	21.17	21.27	2
	3	0	22.97	22.82	22.93	0	21.82	21.71	21.74	1	20.80	20.69	20.69	2
	3	1	22.91	22.85	22.80	0	21.87	21.86	21.83	1	20.84	20.83	20.83	2
	3	3	22.91	22.75	22.86	0	21.88	21.77	21.89	1	20.92	20.76	20.85	2
	6	0	21.89	21.76	21.82	1	20.92	20.83	20.87	2	19.90	19.81	19.85	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20415	Mid CH 20525	High CH 20635		Low CH 20415	Mid CH 20525	High CH 20635		Low CH 20415	Mid CH 20525	High CH 20635	
			825.5 MHz	836.5 MHz	847.5 MHz		825.5 MHz	836.5 MHz	847.5 MHz		825.5 MHz	836.5 MHz	847.5 MHz	
5 / 3M	1	0	22.94	22.84	22.87	0	22.27	22.24	22.31	1	21.15	21.04	21.06	2
	1	7	22.75	22.59	22.73	0	21.99	21.93	21.96	1	20.90	20.81	20.84	2
	1	14	23.14	22.98	23.12	0	22.45	22.21	22.39	1	21.29	21.19	21.27	2
	8	0	21.96	21.85	21.93	1	20.78	20.72	20.74	2	19.83	19.73	19.70	3
	8	3	21.84	21.85	21.82	1	20.92	20.81	20.86	2	19.88	19.77	19.88	3
	8	7	21.88	21.82	21.90	1	20.90	20.75	20.85	2	19.89	19.80	19.81	3
	15	0	21.86	21.77	21.76	1	20.92	20.77	20.90	2	19.92	19.78	19.89	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20425	Mid CH 20525	High CH 20625		Low CH 20425	Mid CH 20525	High CH 20625		Low CH 20425	Mid CH 20525	High CH 20625	
			826.5 MHz	836.5 MHz	846.5 MHz		826.5 MHz	836.5 MHz	846.5 MHz		826.5 MHz	836.5 MHz	846.5 MHz	
5 / 5M	1	0	22.95	22.79	22.88	0	22.28	22.20	22.31	1	21.09	21.01	21.12	2
	1	12	22.80	22.56	22.73	0	21.96	21.96	21.95	1	20.87	20.87	20.84	2
	1	24	23.15	22.97	23.16	0	22.45	22.21	22.38	1	21.22	21.24	21.27	2
	12	0	21.99	21.85	21.90	1	20.78	20.70	20.71	2	19.84	19.70	19.69	3
	12	6	21.84	21.86	21.83	1	20.89	20.85	20.82	2	19.82	19.84	19.87	3
	12	13	21.92	21.78	21.91	1	20.85	20.77	20.88	2	19.93	19.79	19.78	3
	25	0	21.84	21.80	21.79	1	20.92	20.78	20.87	2	19.88	19.84	19.87	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20450	Mid CH 20525	High CH 20600		Low CH 20450	Mid CH 20525	High CH 20600		Low CH 20450	Mid CH 20525	High CH 20600	
			829.0 MHz	836.5 MHz	844.0 MHz		829.0 MHz	836.5 MHz	844.0 MHz		829.0 MHz	836.5 MHz	844.0 MHz	
5 / 10M	1	0	23.00	22.86	22.93	0	22.35	22.25	22.33	1	21.16	21.06	21.14	2
	1	24	22.82	22.64	22.75	0	22.04	21.98	22.00	1	20.95	20.89	20.90	2
	1	49	23.20	23.05	23.17	0	22.47	22.29	22.40	1	21.30	21.25	21.29	2
	25	0	22.03	21.90	21.95	1	20.86	20.76	20.79	2	19.88	19.75	19.77	3
	25	12	21.92	21.87	21.88	1	20.95	20.87	20.88	2	19.90	19.85	19.89	3
	25	25	21.96	21.83	21.92	1	20.92	20.82	20.90	2	19.97	19.84	19.86	3
	50	0	21.90	21.82	21.84	1	20.98	20.85	20.92	2	19.94	19.86	19.90	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20775	Mid CH 21100	High CH 21425		Low CH 20775	Mid CH 21100	High CH 21425		Low CH 20775	Mid CH 21100	High CH 21425	
			2502.5 MHz	2535.0 MHz	2567.5 MHz		2502.5 MHz	2535.0 MHz	2567.5 MHz		2502.5 MHz	2535.0 MHz	2567.5 MHz	
7 / 5M	1	0	21.45	21.73	21.50	0	20.71	21.08	20.85	1	19.56	19.94	19.75	2
	1	12	21.33	21.61	21.43	0	20.53	20.91	20.70	1	19.42	19.76	19.53	2
	1	24	21.38	21.69	21.52	0	20.68	20.99	20.83	1	19.51	19.89	19.73	2
	12	0	20.32	20.65	20.48	1	19.29	19.58	19.42	2	18.30	18.61	18.31	3
	12	6	20.28	20.67	20.39	1	19.22	19.63	19.37	2	18.24	18.63	18.43	3
	12	13	20.26	20.59	20.47	1	19.28	19.60	19.46	2	18.32	18.65	18.38	3
	25	0	20.30	20.64	20.41	1	19.30	19.58	19.36	2	18.27	18.58	18.43	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20800	Mid CH 21100	High CH 21400		Low CH 20800	Mid CH 21100	High CH 21400		Low CH 20800	Mid CH 21100	High CH 21400	
			2505.0 MHz	2535.0 MHz	2565.0 MHz		2505.0 MHz	2535.0 MHz	2565.0 MHz		2505.0 MHz	2535.0 MHz	2565.0 MHz	
7 / 10M	1	0	21.42	21.76	21.50	0	20.71	21.05	20.81	1	19.55	19.95	19.72	2
	1	24	21.33	21.61	21.44	0	20.58	20.87	20.73	1	19.47	19.72	19.57	2
	1	49	21.35	21.73	21.48	0	20.68	21.00	20.80	1	19.57	19.83	19.70	2
	25	0	20.33	20.64	20.51	1	19.31	19.56	19.48	2	18.28	18.58	18.37	3
	25	12	20.34	20.61	20.39	1	19.26	19.57	19.42	2	18.31	18.62	18.37	3
	25	25	20.24	20.56	20.46	1	19.27	19.61	19.43	2	18.31	18.62	18.40	3
	50	0	20.35	20.64	20.38	1	19.34	19.57	19.40	2	18.32	18.54	18.44	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20825	Mid CH 21100	High CH 21375		Low CH 20825	Mid CH 21100	High CH 21375		Low CH 20825	Mid CH 21100	High CH 21375	
			2507.5 MHz	2535.0 MHz	2562.5 MHz		2507.5 MHz	2535.0 MHz	2562.5 MHz		2507.5 MHz	2535.0 MHz	2562.5 MHz	
7 / 15M	1	0	21.49	21.76	21.47	0	20.75	21.12	20.81	1	19.57	19.96	19.73	2
	1	37	21.31	21.66	21.39	0	20.57	20.88	20.73	1	19.48	19.71	19.54	2
	1	74	21.41	21.76	21.49	0	20.64	21.05	20.82	1	19.53	19.82	19.73	2
	36	0	20.30	20.65	20.52	1	19.35	19.56	19.49	2	18.33	18.64	18.31	3
	36	19	20.35	20.66	20.39	1	19.20	19.61	19.38	2	18.25	18.56	18.39	3
	36	39	20.22	20.57	20.46	1	19.32	19.59	19.46	2	18.34	18.69	18.42	3
	75	0	20.35	20.62	20.43	1	19.35	19.60	19.33	2	18.31	18.52	18.45	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 20850	Mid CH 21100	High CH 21350		Low CH 20850	Mid CH 21100	High CH 21350		Low CH 20850	Mid CH 21100	High CH 21350	
			2510.0 MHz	2535.0 MHz	2560.0 MHz		2510.0 MHz	2535.0 MHz	2560.0 MHz		2510.0 MHz	2535.0 MHz	2560.0 MHz	
7 / 20M	1	0	21.50	21.80	21.55	0	20.78	21.13	20.87	1	19.63	19.99	19.77	2
	1	50	21.35	21.69	21.45	0	20.61	20.93	20.75	1	19.50	19.78	19.59	2
	1	99	21.43	21.77	21.53	0	20.70	21.07	20.85	1	19.59	19.90	19.75	2
	50	0	20.36	20.70	20.53	1	19.37	19.64	19.50	2	18.34	18.66	18.39	3
	50	25	20.36	20.68	20.44	1	19.28	19.65	19.43	2	18.32	18.64	18.45	3
	50	50	20.30	20.64	20.48	1	19.35	19.65	19.48	2	18.36	18.70	18.46	3
	100	0	20.36	20.66	20.46	1	19.36	19.65	19.41	2	18.33	18.60	18.46	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23017	Mid CH 23095	High CH 23173		Low CH 23017	Mid CH 23095	High CH 23173		Low CH 23017	Mid CH 23095	High CH 23173	
			699.7 MHz	707.5 MHz	715.3 MHz		699.7 MHz	707.5 MHz	715.3 MHz		699.7 MHz	707.5 MHz	715.3 MHz	
12 / 1.4M	1	0	23.14	22.59	22.74	0	22.30	21.73	21.92	1	21.32	20.79	20.99	2
	1	2	23.14	22.48	22.72	0	22.25	21.68	21.85	1	21.12	20.67	20.74	2
	1	5	22.59	21.94	22.17	0	22.18	21.52	21.79	1	21.34	20.78	20.97	2
	3	0	23.02	22.42	22.62	0	22.32	21.76	21.88	1	21.28	20.72	20.81	2
	3	1	23.32	22.81	22.85	0	22.14	21.68	21.74	1	21.17	20.71	20.80	2
	3	3	22.67	22.72	22.92	0	22.07	21.51	21.72	1	21.18	20.57	20.75	2
	6	0	22.40	21.82	21.97	1	21.32	20.78	20.91	2	20.38	19.84	19.97	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23025	Mid CH 23095	High CH 23165		Low CH 23025	Mid CH 23095	High CH 23165		Low CH 23025	Mid CH 23095	High CH 23165	
			700.5 MHz	707.5 MHz	714.5 MHz		700.5 MHz	707.5 MHz	714.5 MHz		700.5 MHz	707.5 MHz	714.5 MHz	
12 / 3M	1	0	23.16	22.61	22.73	0	22.27	21.79	21.95	1	21.38	20.82	20.93	2
	1	7	23.10	22.49	22.72	0	22.22	21.71	21.83	1	21.15	20.61	20.73	2
	1	14	22.55	21.94	22.17	0	22.21	21.52	21.79	1	21.35	20.80	20.97	2
	8	0	22.01	21.45	21.62	1	21.28	20.77	20.88	2	20.31	19.76	19.82	3
	8	3	22.25	21.81	21.87	1	21.19	20.63	20.77	2	20.21	19.65	19.85	3
	8	7	22.30	21.79	21.96	1	21.09	20.49	20.68	2	20.15	19.61	19.71	3
	15	0	22.37	21.83	21.91	1	21.32	20.72	20.94	2	20.40	19.81	20.01	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23035	Mid CH 23095	High CH 23155		Low CH 23035	Mid CH 23095	High CH 23155		Low CH 23035	Mid CH 23095	High CH 23155	
			701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz	
12 / 5M	1	0	23.17	22.56	22.74	0	22.28	21.75	21.95	1	21.32	20.79	20.99	2
	1	12	23.15	22.46	22.72	0	22.19	21.74	21.82	1	21.12	20.67	20.73	2
	1	24	22.56	21.93	22.21	0	22.21	21.52	21.78	1	21.28	20.85	20.97	2
	12	0	22.04	21.45	21.59	1	21.28	20.75	20.85	2	20.32	19.73	19.81	3
	12	6	22.25	21.82	21.88	1	21.16	20.67	20.73	2	20.15	19.72	19.84	3
	12	13	22.34	21.75	21.97	1	21.04	20.51	20.71	2	20.19	19.60	19.68	3
	25	0	22.35	21.86	21.94	1	21.32	20.73	20.91	2	20.36	19.87	19.99	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23060	Mid CH 23095	High CH 23130		Low CH 23060	Mid CH 23095	High CH 23130		Low CH 23060	Mid CH 23095	High CH 23130	
			704.0 MHz	707.5 MHz	711.0 MHz		704.0 MHz	707.5 MHz	711.0 MHz		704.0 MHz	707.5 MHz	711.0 MHz	
12 / 10M	1	0	23.22	22.63	22.79	0	22.35	21.80	21.97	1	21.39	20.84	21.01	2
	1	24	23.17	22.54	22.74	0	22.27	21.76	21.87	1	21.20	20.69	20.79	2
	1	49	22.61	22.01	22.22	0	22.23	21.60	21.80	1	21.36	20.86	20.99	2
	25	0	22.08	21.50	21.64	1	21.36	20.81	20.93	2	20.36	19.78	19.89	3
	25	12	22.33	21.83	21.93	1	21.22	20.69	20.79	2	20.23	19.73	19.86	3
	25	25	22.38	21.80	21.98	1	21.11	20.56	20.73	2	20.23	19.65	19.76	3
	50	0	22.41	21.88	21.99	1	21.38	20.80	20.96	2	20.42	19.89	20.02	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23205	Mid CH 23230	High CH 23255		Low CH 23205	Mid CH 23230	High CH 23255		Low CH 23205	Mid CH 23230	High CH 23255	
			779.5 MHz	782.0 MHz	784.5 MHz		779.5 MHz	782.0 MHz	784.5 MHz		779.5 MHz	782.0 MHz	784.5 MHz	
13 / 5M	1	0	23.51	23.49	23.51	0	22.50	22.52	22.55	1	21.62	21.64	21.67	2
	1	12	23.49	23.43	23.49	0	22.68	22.74	22.71	1	21.71	21.77	21.73	2
	1	24	23.48	23.45	23.52	0	22.78	22.72	22.78	1	21.69	21.76	21.75	2
	12	0	22.75	22.74	22.74	1	21.75	21.77	21.75	2	20.76	20.75	20.72	3
	12	6	22.51	22.58	22.54	1	21.61	21.65	21.61	2	20.61	20.68	20.67	3
	12	13	22.58	22.57	22.61	1	21.58	21.60	21.63	2	20.58	20.57	20.54	3
	25	0	22.66	22.70	22.67	1	21.74	21.73	21.75	2	20.69	20.73	20.72	3

LTE Band / BW	RB Size	RB Offset	QPSK	3GPP MPR (dB)	16QAM	3GPP MPR (dB)	64QAM	3GPP MPR (dB)
			Mid CH 23230		Mid CH 23230		Mid CH 23230	
			782.0 MHz		782.0 MHz		782.0 MHz	
13 / 10M	1	0	23.56	0	22.57	1	21.69	2
	1	24	23.51	0	22.76	1	21.79	2
	1	49	23.53	0	22.80	1	21.77	2
	25	0	22.79	1	21.83	2	20.80	3
	25	12	22.59	1	21.67	2	20.69	3
	25	25	22.62	1	21.65	2	20.62	3
	50	0	22.72	1	21.80	2	20.75	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23305	Mid CH 23330	High CH 23355		Low CH 23305	Mid CH 23330	High CH 23355		Low CH 23305	Mid CH 23330	High CH 23355	
			790.5 MHz	793.0 MHz	795.5 MHz		790.5 MHz	793.0 MHz	795.5 MHz		790.5 MHz	793.0 MHz	795.5 MHz	
14 / 5M	1	0	23.60	23.58	23.60	0	22.69	22.71	22.74	1	21.62	21.64	21.67	2
	1	12	23.52	23.46	23.52	0	22.73	22.79	22.76	1	21.81	21.87	21.83	2
	1	24	22.82	22.79	22.86	0	22.20	22.14	22.20	1	21.09	21.16	21.15	2
	12	0	22.91	22.90	22.90	1	21.81	21.83	21.81	2	20.79	20.78	20.75	3
	12	6	22.72	22.79	22.75	1	21.70	21.74	21.70	2	20.69	20.76	20.75	3
	12	13	22.66	22.65	22.69	1	21.71	21.73	21.76	2	20.79	20.78	20.75	3
	25	0	22.76	22.80	22.77	1	21.77	21.76	21.78	2	20.72	20.76	20.75	3

LTE Band / BW	RB Size	RB Offset	QPSK	3GPP MPR (dB)	16QAM	3GPP MPR (dB)	64QAM	3GPP MPR (dB)
			Mid CH 23330		Mid CH 23330		Mid CH 23330	
			793.0 MHz		793.0 MHz		793.0 MHz	
14 / 10M	1	0	23.65	0	22.76	1	21.69	2
	1	24	23.54	0	22.81	1	21.89	2
	1	49	22.87	0	22.22	1	21.17	2
	25	0	22.95	1	21.89	2	20.83	3
	25	12	22.80	1	21.76	2	20.77	3
	25	25	22.70	1	21.78	2	20.83	3
	50	0	22.82	1	21.83	2	20.78	3

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			Low CH 23755	Mid CH 23790	High CH 23825		Low CH 23755	Mid CH 23790	High CH 23825		Low CH 23755	Mid CH 23790	High CH 23825	
			706.5 MHz	710.0 MHz	713.5 MHz		706.5 MHz	710.0 MHz	713.5 MHz		706.5 MHz	710.0 MHz	713.5 MHz	
17 / 5M	1	0	22.97	22.98	23.07	0	21.53	21.66	21.73	1	20.51	20.64	20.71	2
	1	12	22.17	22.18	22.27	0	22.14	22.35	22.30	1	21.07	21.28	21.21	2
	1	24	22.59	22.62	22.77	0	22.08	22.05	22.18	1	20.79	21.02	21.01	2
	12	0	22.20	22.27	22.28	1	21.02	21.15	21.12	2	20.08	20.15	20.10	3
	12	6	21.93	22.16	22.09	1	21.12	21.29	21.22	2	20.07	20.30	20.29	3
	12	13	21.97	22.04	22.13	1	21.13	21.26	21.33	2	20.24	20.31	20.26	3
	25	0	21.99	22.16	22.11	1	20.62	20.69	20.74	2	19.99	20.16	20.15	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 23780	Mid CH 23790	High CH 23800		Low CH 23780	Mid CH 23790	High CH 23800		Low CH 23780	Mid CH 23790	High CH 23800	
			709.0 MHz	710.0 MHz	711.0 MHz		709.0 MHz	710.0 MHz	711.0 MHz		709.0 MHz	710.0 MHz	711.0 MHz	
17 / 10M	1	0	23.02	23.05	23.12	0	21.60	21.71	21.75	1	20.58	20.69	20.73	2
	1	24	22.19	22.26	22.29	0	22.22	22.37	22.35	1	21.15	21.30	21.27	2
	1	49	22.64	22.70	22.78	0	22.10	22.13	22.20	1	20.87	21.03	21.03	2
	25	0	22.24	22.32	22.33	1	21.10	21.21	21.20	2	20.12	20.20	20.18	3
	25	12	22.01	22.17	22.14	1	21.18	21.31	21.28	2	20.15	20.31	20.31	3
	25	25	22.01	22.09	22.14	1	21.20	21.31	21.35	2	20.28	20.36	20.34	3
	50	0	22.05	22.18	22.16	1	20.68	20.76	20.79	2	20.05	20.18	20.18	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26047	Mid CH 26365	High CH 26683		Low CH 26047	Mid CH 26365	High CH 26683		Low CH 26047	Mid CH 26365	High CH 26683	
			1850.7 MHz	1882.5 MHz	1914.3 MHz		1850.7 MHz	1882.5 MHz	1914.3 MHz		1850.7 MHz	1882.5 MHz	1914.3 MHz	
25 / 1.4M	1	0	20.64	21.15	21.09	0	19.85	20.35	20.31	1	18.81	19.36	19.37	2
	1	2	20.64	21.12	21.12	0	20.08	20.55	20.59	1	18.85	19.36	19.34	2
	1	5	20.15	20.61	20.59	0	19.60	20.11	20.16	1	18.82	19.24	19.35	2
	3	0	20.63	21.12	21.21	0	19.67	20.10	20.16	1	18.64	19.15	19.06	2
	3	1	20.65	21.23	21.03	0	19.53	20.14	20.08	1	18.42	18.95	18.92	2
	3	3	20.56	21.04	21.10	0	19.65	20.11	20.18	1	18.53	19.01	19.04	2
	6	0	19.82	20.24	20.28	1	18.50	19.00	18.93	2	17.55	17.98	18.04	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26055	Mid CH 26365	High CH 26675		Low CH 26055	Mid CH 26365	High CH 26675		Low CH 26055	Mid CH 26365	High CH 26675	
			1851.5 MHz	1882.5 MHz	1913.5 MHz		1851.5 MHz	1882.5 MHz	1913.5 MHz		1851.5 MHz	1882.5 MHz	1913.5 MHz	
25 / 3M	1	0	20.66	21.17	21.08	0	19.82	20.41	20.34	1	18.87	19.39	19.31	2
	1	7	20.60	21.13	21.12	0	20.05	20.58	20.57	1	18.88	19.30	19.33	2
	1	14	20.11	20.61	20.59	0	19.63	20.11	20.16	1	18.83	19.26	19.35	2
	8	0	19.62	20.15	20.21	1	18.63	19.11	19.16	2	17.67	18.19	18.07	3
	8	3	19.58	20.23	20.05	1	18.58	19.09	19.11	2	17.46	17.89	17.97	3
	8	7	19.53	20.11	20.14	1	18.67	19.09	19.14	2	17.50	18.05	18.00	3
	15	0	19.79	20.25	20.22	1	18.50	18.94	18.96	2	17.57	17.95	18.08	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26065	Mid CH 26365	High CH 26665		Low CH 26065	Mid CH 26365	High CH 26665		Low CH 26065	Mid CH 26365	High CH 26665	
			1852.5 MHz	1882.5 MHz	1912.5 MHz		1852.5 MHz	1882.5 MHz	1912.5 MHz		1852.5 MHz	1882.5 MHz	1912.5 MHz	
25 / 5M	1	0	20.67	21.12	21.09	0	19.83	20.37	20.34	1	18.81	19.36	19.37	2
	1	12	20.65	21.10	21.12	0	20.02	20.61	20.56	1	18.85	19.36	19.33	2
	1	24	20.12	20.60	20.63	0	19.63	20.11	20.15	1	18.76	19.31	19.35	2
	12	0	19.65	20.15	20.18	1	18.63	19.09	19.13	2	17.68	18.16	18.06	3
	12	6	19.58	20.24	20.06	1	18.55	19.13	19.07	2	17.40	17.96	17.96	3
	12	13	19.57	20.07	20.15	1	18.62	19.11	19.17	2	17.54	18.04	17.97	3
	25	0	19.77	20.28	20.25	1	18.50	18.95	18.93	2	17.53	18.01	18.06	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26090	Mid CH 26365	High CH 26640		Low CH 26090	Mid CH 26365	High CH 26640		Low CH 26090	Mid CH 26365	High CH 26640	
			1855.0 MHz	1882.5 MHz	1910.0 MHz		1855.0 MHz	1882.5 MHz	1910.0 MHz		1855.0 MHz	1882.5 MHz	1910.0 MHz	
25 / 10M	1	0	20.64	21.15	21.09	0	19.83	20.34	20.30	1	18.80	19.37	19.34	2
	1	24	20.65	21.10	21.13	0	20.07	20.57	20.59	1	18.90	19.32	19.37	2
	1	49	20.09	20.64	20.59	0	19.63	20.12	20.12	1	18.82	19.25	19.32	2
	25	0	19.66	20.14	20.21	1	18.65	19.07	19.19	2	17.66	18.13	18.12	3
	25	12	19.64	20.18	20.06	1	18.59	19.07	19.12	2	17.47	17.95	17.90	3
	25	25	19.55	20.04	20.14	1	18.61	19.12	19.14	2	17.53	18.01	17.99	3
	50	0	19.82	20.28	20.22	1	18.54	18.94	18.97	2	17.58	17.97	18.07	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26115	Mid CH 26365	High CH 26615		Low CH 26115	Mid CH 26365	High CH 26615		Low CH 26115	Mid CH 26365	High CH 26615	
			1857.5 MHz	1882.5 MHz	1907.5 MHz		1857.5 MHz	1882.5 MHz	1907.5 MHz		1857.5 MHz	1882.5 MHz	1907.5 MHz	
25 / 15M	1	0	20.71	21.15	21.06	0	19.87	20.41	20.30	1	18.82	19.38	19.35	2
	1	37	20.63	21.15	21.08	0	20.06	20.58	20.59	1	18.91	19.31	19.34	2
	1	74	20.15	20.67	20.60	0	19.59	20.17	20.14	1	18.78	19.24	19.35	2
	36	0	19.63	20.15	20.22	1	18.69	19.07	19.20	2	17.71	18.19	18.06	3
	36	19	19.65	20.23	20.06	1	18.53	19.11	19.08	2	17.41	17.89	17.92	3
	36	39	19.53	20.05	20.14	1	18.66	19.10	19.17	2	17.56	18.08	18.01	3
	75	0	19.82	20.26	20.27	1	18.55	18.97	18.90	2	17.57	17.95	18.08	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26140	Mid CH 26365	High CH 26590		Low CH 26140	Mid CH 26365	High CH 26590		Low CH 26140	Mid CH 26365	High CH 26590	
			1860.0 MHz	1882.5 MHz	1905.0 MHz		1860.0 MHz	1882.5 MHz	1905.0 MHz		1860.0 MHz	1882.5 MHz	1905.0 MHz	
25 / 20M	1	0	20.72	21.19	21.14	0	19.90	20.42	20.36	1	18.88	19.41	19.39	2
	1	50	20.67	21.18	21.14	0	20.10	20.63	20.61	1	18.93	19.38	19.39	2
	1	99	20.17	20.68	20.64	0	19.65	20.19	20.17	1	18.84	19.32	19.37	2
	50	0	19.69	20.20	20.23	1	18.71	19.15	19.21	2	17.72	18.21	18.14	3
	50	25	19.66	20.25	20.11	1	18.61	19.15	19.13	2	17.48	17.97	17.98	3
	50	50	19.61	20.12	20.16	1	18.69	19.16	19.19	2	17.58	18.09	18.05	3
	100	0	19.83	20.30	20.30	1	18.56	19.02	18.98	2	17.59	18.03	18.09	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26697	Mid CH 26865	High CH 27033		Low CH 26697	Mid CH 26865	High CH 27033		Low CH 26697	Mid CH 26865	High CH 27033	
			814.7 MHz	831.5 MHz	848.3 MHz		814.7 MHz	831.5 MHz	848.3 MHz		814.7 MHz	831.5 MHz	848.3 MHz	
26 / 1.4M	1	0	22.59	22.95	22.94	0	21.86	22.06	22.14	1	20.82	21.16	21.19	2
	1	2	22.37	22.56	22.68	0	21.81	21.93	22.09	1	20.40	20.64	20.71	2
	1	5	23.26	23.43	23.53	0	21.79	21.90	22.03	1	20.61	20.69	20.81	2
	3	0	22.82	22.98	23.14	0	21.76	21.95	22.09	1	20.70	20.92	21.04	2
	3	1	22.53	22.66	22.66	0	21.51	21.70	21.82	1	20.54	20.80	20.66	2
	3	3	22.34	22.51	22.67	0	21.27	21.58	21.62	1	20.37	20.52	20.65	2
	6	0	21.74	21.87	21.89	1	20.65	20.81	20.94	2	19.65	19.78	19.88	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26705	Mid CH 26865	High CH 27025		Low CH 26705	Mid CH 26865	High CH 27025		Low CH 26705	Mid CH 26865	High CH 27025	
			815.5 MHz	831.5 MHz	847.5 MHz		815.5 MHz	831.5 MHz	847.5 MHz		815.5 MHz	831.5 MHz	847.5 MHz	
26 / 3M	1	0	22.61	22.97	22.93	0	21.83	22.12	22.17	1	20.88	21.19	21.13	2
	1	7	22.33	22.57	22.68	0	21.78	21.96	22.07	1	20.43	20.58	20.70	2
	1	14	23.22	23.43	23.53	0	21.82	21.90	22.03	1	20.62	20.71	20.81	2
	8	0	21.81	22.01	22.14	1	20.72	20.96	21.09	2	19.73	19.96	20.05	3
	8	3	21.46	21.66	21.68	1	20.56	20.65	20.85	2	19.58	19.74	19.71	3
	8	7	21.31	21.58	21.71	1	20.29	20.56	20.58	2	19.34	19.56	19.61	3
	15	0	21.71	21.88	21.83	1	20.65	20.75	20.97	2	19.67	19.75	19.92	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26715	Mid CH 26865	High CH 27015		Low CH 26715	Mid CH 26865	High CH 27015		Low CH 26715	Mid CH 26865	High CH 27015	
			816.5 MHz	831.5 MHz	846.5 MHz		816.5 MHz	831.5 MHz	846.5 MHz		816.5 MHz	831.5 MHz	846.5 MHz	
26 / 5M	1	0	22.62	22.92	22.94	0	21.84	22.08	22.17	1	20.82	21.16	21.19	2
	1	12	22.38	22.54	22.68	0	21.75	21.99	22.06	1	20.40	20.64	20.70	2
	1	24	23.23	23.42	23.57	0	21.82	21.90	22.02	1	20.55	20.76	20.81	2
	12	0	21.84	22.01	22.11	1	20.72	20.94	21.06	2	19.74	19.93	20.04	3
	12	6	21.46	21.67	21.69	1	20.53	20.69	20.81	2	19.52	19.81	19.70	3
	12	13	21.35	21.54	21.72	1	20.24	20.58	20.61	2	19.38	19.55	19.58	3
	25	0	21.69	21.91	21.86	1	20.65	20.76	20.94	2	19.63	19.81	19.90	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26740	Mid CH 26865	High CH 26990		Low CH 26740	Mid CH 26865	High CH 26990		Low CH 26740	Mid CH 26865	High CH 26990	
			819.0 MHz	831.5 MHz	844.0 MHz		819.0 MHz	831.5 MHz	844.0 MHz		819.0 MHz	831.5 MHz	844.0 MHz	
26 / 10M	1	0	22.67	22.99	22.99	0	21.91	22.13	22.19	1	20.89	21.21	21.21	2
	1	24	22.40	22.62	22.70	0	21.83	22.01	22.11	1	20.48	20.66	20.76	2
	1	49	23.28	23.50	23.58	0	21.84	21.98	22.04	1	20.63	20.77	20.83	2
	25	0	21.88	22.06	22.16	1	20.80	21.00	21.14	2	19.78	19.98	20.12	3
	25	12	21.54	21.68	21.74	1	20.59	20.71	20.87	2	19.60	19.82	19.72	3
	25	25	21.39	21.59	21.73	1	20.31	20.63	20.63	2	19.42	19.60	19.66	3
	50	0	21.75	21.93	21.91	1	20.71	20.83	20.99	2	19.69	19.83	19.93	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 26765	Mid CH 26865	High CH 26965		Low CH 26765	Mid CH 26865	High CH 26965		Low CH 26765	Mid CH 26865	High CH 26965	
			821.5 MHz	831.5 MHz	841.5 MHz		821.5 MHz	831.5 MHz	841.5 MHz		821.5 MHz	831.5 MHz	841.5 MHz	
26 / 15M	1	0	22.75	23.03	23.04	0	21.98	22.21	22.25	1	20.97	21.25	21.26	2
	1	37	22.42	22.70	22.71	0	21.86	22.07	22.13	1	20.51	20.72	20.78	2
	1	74	23.36	23.54	23.63	0	21.86	22.05	22.09	1	20.65	20.84	20.88	2
	36	0	21.91	22.12	22.18	1	20.86	21.08	21.16	2	19.84	20.06	20.14	3
	36	19	21.56	21.75	21.79	1	20.61	20.79	20.88	2	19.61	19.84	19.80	3
	36	39	21.45	21.67	21.75	1	20.39	20.67	20.68	2	19.47	19.68	19.72	3
	75	0	21.76	21.95	21.99	1	20.73	20.91	21.00	2	19.70	19.89	19.95	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 27685	Mid CH 27710	High CH 27735		Low CH 27685	Mid CH 27710	High CH 27735		Low CH 27685	Mid CH 27710	High CH 27735	
			2307.5 MHz	2310.0 MHz	2312.5 MHz		2307.5 MHz	2310.0 MHz	2312.5 MHz		2307.5 MHz	2310.0 MHz	2312.5 MHz	
30 / 5M	1	0	22.60	22.58	22.60	0	21.75	21.77	21.80	1	20.78	20.80	20.83	2
	1	12	22.41	22.35	22.41	0	21.58	21.64	21.61	1	20.50	20.56	20.52	2
	1	24	22.53	22.50	22.57	0	21.80	21.74	21.80	1	20.65	20.72	20.71	2
	12	0	21.49	21.48	21.48	1	20.39	20.41	20.39	2	19.39	19.38	19.35	3
	12	6	21.42	21.49	21.45	1	20.45	20.49	20.45	2	19.41	19.48	19.47	3
	12	13	21.44	21.43	21.47	1	20.43	20.45	20.48	2	19.47	19.46	19.43	3
	25	0	21.42	21.46	21.43	1	20.40	20.39	20.41	2	19.38	19.42	19.41	3

LTE Band / BW	RB Size	RB Offset	QPSK	3GPP MPR (dB)	16QAM	3GPP MPR (dB)	64QAM	3GPP MPR (dB)
			Mid CH 27710		Mid CH 27710		Mid CH 27710	
			2310.0 MHz		2310.0 MHz		2310.0 MHz	
30 / 10M	1	0	22.65	0	21.82	1	20.85	2
	1	24	22.43	0	21.66	1	20.58	2
	1	49	22.58	0	21.82	1	20.73	2
	25	0	21.53	1	20.47	2	19.43	3
	25	12	21.50	1	20.51	2	19.49	3
	25	25	21.48	1	20.50	2	19.51	3
	50	0	21.48	1	20.46	2	19.44	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 37775	Mid CH 38000	High CH 38225		Low CH 37775	Mid CH 38000	High CH 38225		Low CH 37775	Mid CH 38000	High CH 38225	
			2572.5 MHz	2595.0 MHz	2617.5 MHz		2572.5 MHz	2595.0 MHz	2617.5 MHz		2572.5 MHz	2595.0 MHz	2617.5 MHz	
38 / 5M	1	0	21.93	21.87	22.02	0	20.92	20.95	21.10	1	19.54	19.58	19.77	2
	1	12	21.66	21.60	21.80	0	20.73	20.77	20.94	1	19.48	19.48	19.63	2
	1	24	21.93	21.90	22.11	0	21.08	21.05	21.27	1	19.74	19.78	20.00	2
	12	0	20.78	20.77	20.98	1	19.91	19.86	20.08	2	18.95	18.92	19.00	3
	12	6	20.76	20.81	20.91	1	19.82	19.89	20.01	2	18.75	18.80	18.98	3
	12	13	20.87	20.86	21.12	1	19.94	19.92	20.16	2	18.94	18.93	19.04	3
	25	0	20.91	20.91	21.06	1	19.88	19.82	19.98	2	18.88	18.85	19.08	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 37800	Mid CH 38000	High CH 38200		Low CH 37800	Mid CH 38000	High CH 38200		Low CH 37800	Mid CH 38000	High CH 38200	
			2575.0 MHz	2595.0 MHz	2615.0 MHz		2575.0 MHz	2595.0 MHz	2615.0 MHz		2575.0 MHz	2595.0 MHz	2615.0 MHz	
38 / 10M	1	0	21.90	21.90	22.02	0	20.92	20.92	21.06	1	19.53	19.59	19.74	2
	1	24	21.66	21.60	21.81	0	20.78	20.73	20.97	1	19.53	19.44	19.67	2
	1	49	21.90	21.94	22.07	0	21.08	21.06	21.24	1	19.80	19.72	19.97	2
	25	0	20.79	20.76	21.01	1	19.93	19.84	20.14	2	18.93	18.89	19.06	3
	25	12	20.82	20.75	20.91	1	19.86	19.83	20.06	2	18.82	18.79	18.92	3
	25	25	20.85	20.83	21.11	1	19.93	19.93	20.13	2	18.93	18.90	19.06	3
	50	0	20.96	20.91	21.03	1	19.92	19.81	20.02	2	18.93	18.81	19.09	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 37825	Mid CH 38000	High CH 38175		Low CH 37825	Mid CH 38000	High CH 38175		Low CH 37825	Mid CH 38000	High CH 38175	
			2577.5 MHz	2595.0 MHz	2612.5 MHz		2577.5 MHz	2595.0 MHz	2612.5 MHz		2577.5 MHz	2595.0 MHz	2612.5 MHz	
38 / 15M	1	0	21.97	21.90	21.99	0	20.96	20.99	21.06	1	19.55	19.60	19.75	2
	1	37	21.64	21.65	21.76	0	20.77	20.74	20.97	1	19.54	19.43	19.64	2
	1	74	21.96	21.97	22.08	0	21.04	21.11	21.26	1	19.76	19.71	20.00	2
	36	0	20.76	20.77	21.02	1	19.97	19.84	20.15	2	18.98	18.95	19.00	3
	36	19	20.83	20.80	20.91	1	19.80	19.87	20.02	2	18.76	18.73	18.94	3
	36	39	20.83	20.84	21.11	1	19.98	19.91	20.16	2	18.96	18.97	19.08	3
	75	0	20.96	20.89	21.08	1	19.93	19.84	19.95	2	18.92	18.79	19.10	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 37850	Mid CH 38000	High CH 38150		Low CH 37850	Mid CH 38000	High CH 38150		Low CH 37850	Mid CH 38000	High CH 38150	
			2580.0 MHz	2595.0 MHz	2610.0 MHz		2580.0 MHz	2595.0 MHz	2610.0 MHz		2580.0 MHz	2595.0 MHz	2610.0 MHz	
38 / 20M	1	0	21.98	21.94	22.07	0	20.99	21.00	21.12	1	19.61	19.63	19.79	2
	1	50	21.68	21.68	21.82	0	20.81	20.79	20.99	1	19.56	19.50	19.69	2
	1	99	21.98	21.98	22.12	0	21.10	21.13	21.29	1	19.82	19.79	20.02	2
	50	0	20.82	20.82	21.03	1	19.99	19.92	20.16	2	18.99	18.97	19.08	3
	50	25	20.84	20.82	20.96	1	19.88	19.91	20.07	2	18.83	18.81	19.00	3
	50	50	20.91	20.91	21.13	1	20.01	19.97	20.18	2	18.98	18.98	19.12	3
	100	0	20.97	20.93	21.11	1	19.94	19.89	20.03	2	18.94	18.87	19.11	3

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LTE Band / BW	RB Size	RB Offset	QPSK					3GPP MPR (dB)	16QAM					3GPP MPR (dB)
			L-CH 39675	M-CH 40148	M-CH 40620	M-CH 41093	H-CH 41565		L-CH 39675	M-CH 40148	M-CH 40620	M-CH 41093	H-CH 41565	
			2498.5 MHz	2545.8 MHz	2593.0 MHz	2640.3 MHz	2687.5 MHz		2498.5 MHz	2545.8 MHz	2593.0 MHz	2640.3 MHz	2687.5 MHz	
41 / 5M	1	0	22.13	22.10	22.30	22.17	22.13	0	21.18	21.24	21.44	21.18	21.27	1
	1	12	22.07	22.04	22.29	22.06	22.10	0	21.34	21.41	21.63	21.39	21.44	1
	1	24	21.40	21.40	21.66	21.38	21.41	0	20.86	20.86	21.13	20.89	20.91	1
	12	0	21.07	21.09	21.35	21.14	21.15	1	20.13	20.11	20.38	20.20	20.26	2
	12	6	21.08	21.16	21.31	21.15	21.08	1	20.04	20.14	20.31	20.11	20.14	2
	12	13	20.91	20.93	21.24	20.96	21.01	1	19.97	19.98	20.27	20.09	20.09	2
	25	0	21.02	21.05	21.25	21.03	21.08	1	20.11	20.08	20.29	20.10	20.17	2

LTE Band / BW	RB Size	RB Offset	64QAM					3GPP MPR (dB)
			L-CH 39675	M-CH 40148	M-CH 40620	M-CH 41093	H-CH 41565	
			2498.5 MHz	2545.8 MHz	2593.0 MHz	2640.3 MHz	2687.5 MHz	
41 / 5M	1	0	19.86	19.93	20.17	19.96	19.99	2
	1	12	19.72	19.75	19.95	19.85	19.75	2
	1	24	19.33	19.40	19.67	19.41	19.51	2
	12	0	19.15	19.15	19.28	19.20	19.21	3
	12	6	19.06	19.14	19.37	19.20	19.18	3
	12	13	19.00	19.02	19.18	19.04	19.06	3
	25	0	19.07	19.07	19.35	19.10	19.10	3

LTE Band / BW	RB Size	RB Offset	QPSK					3GPP MPR (dB)	16QAM					3GPP MPR (dB)
			L-CH 39700	M-CH 40160	M-CH 40620	M-CH 41080	H-CH 41540		L-CH 39700	M-CH 40160	M-CH 40620	M-CH 41080	H-CH 41540	
			2501.0 MHz	2547.0 MHz	2593.0 MHz	2639.0 MHz	2685.0 MHz		2501.0 MHz	2547.0 MHz	2593.0 MHz	2639.0 MHz	2685.0 MHz	
41 / 10M	1	0	22.10	22.13	22.30	22.15	22.11	0	21.18	21.21	21.40	21.24	21.27	1
	1	24	22.07	22.04	22.30	22.02	22.15	0	21.39	21.37	21.66	21.38	21.43	1
	1	49	21.37	21.44	21.62	21.44	21.39	0	20.86	20.87	21.10	20.95	20.88	1
	25	0	21.08	21.08	21.38	21.10	21.19	1	20.15	20.09	20.44	20.16	20.22	2
	25	12	21.14	21.10	21.31	21.15	21.14	1	20.08	20.08	20.36	20.14	20.13	2
	25	25	20.89	20.90	21.23	21.02	21.02	1	19.96	19.99	20.24	20.08	20.04	2
	50	0	21.07	21.05	21.22	21.06	21.08	1	20.15	20.07	20.33	20.09	20.10	2

LTE Band / BW	RB Size	RB Offset	64QAM					3GPP MPR (dB)
			L-CH 39700	M-CH 40160	M-CH 40620	M-CH 41080	H-CH 41540	
			2501.0 MHz	2547.0 MHz	2593.0 MHz	2639.0 MHz	2685.0 MHz	
41 / 10M	1	0	19.85	19.94	20.14	19.99	20.02	2
	1	24	19.77	19.71	19.99	19.78	19.72	2
	1	49	19.39	19.34	19.64	19.44	19.46	2
	25	0	19.13	19.12	19.34	19.14	19.16	3
	25	12	19.13	19.13	19.31	19.22	19.20	3
	25	25	18.99	18.99	19.20	19.01	19.08	3
	50	0	19.12	19.03	19.36	19.16	19.12	3

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LTE Band / BW	RB Size	RB Offset	QPSK					3GPP MPR (dB)	16QAM					3GPP MPR (dB)
			L-CH 39725	M-CH 40173	M-CH 40620	M-CH 41068	H-CH 41515		L-CH 39725	M-CH 40173	M-CH 40620	M-CH 41068	H-CH 41515	
			2503.5 MHz	2548.3 MHz	2593.0 MHz	2637.8 MHz	2682.5 MHz		2503.5 MHz	2548.3 MHz	2593.0 MHz	2637.8 MHz	2682.5 MHz	
41 / 15M	1	0	22.17	22.13	22.27	22.20	22.13	0	21.22	21.28	21.40	21.19	21.30	1
	1	37	22.05	22.09	22.25	22.02	22.15	0	21.38	21.38	21.66	21.35	21.38	1
	1	74	21.43	21.47	21.63	21.40	21.41	0	20.82	20.92	21.12	20.95	20.92	1
	36	0	21.05	21.09	21.39	21.14	21.21	1	20.19	20.09	20.45	20.20	20.27	2
	36	19	21.15	21.15	21.31	21.20	21.09	1	20.02	20.12	20.32	20.11	20.14	2
	36	39	20.87	20.91	21.23	20.98	21.05	1	20.01	19.97	20.27	20.08	20.09	2
	75	0	21.07	21.03	21.27	21.08	21.05	1	20.16	20.10	20.26	20.07	20.12	2

LTE Band / BW	RB Size	RB Offset	64QAM					3GPP MPR (dB)
			L-CH 39725	M-CH 40173	M-CH 40620	M-CH 41068	H-CH 41515	
			2503.5 MHz	2548.3 MHz	2593.0 MHz	2637.8 MHz	2682.5 MHz	
41 / 15M	1	0	19.87	19.95	20.15	19.98	20.03	2
	1	37	19.78	19.70	19.96	19.85	19.72	2
	1	74	19.35	19.33	19.67	19.40	19.51	2
	36	0	19.18	19.18	19.28	19.19	19.20	3
	36	19	19.07	19.07	19.33	19.24	19.19	3
	36	39	19.02	19.06	19.22	19.01	19.08	3
	75	0	19.11	19.01	19.37	19.16	19.15	3

LTE Band / BW	RB Size	RB Offset	QPSK					3GPP MPR (dB)	16QAM					3GPP MPR (dB)
			L-CH 39750	M-CH 40185	M-CH 40620	M-CH 41055	H-CH 41490		L-CH 39750	M-CH 40185	M-CH 40620	M-CH 41055	H-CH 41490	
			2506.0 MHz	2549.5 MHz	2593.0 MHz	2636.5 MHz	2680.0 MHz		2506.0 MHz	2549.5 MHz	2593.0 MHz	2636.5 MHz	2680.0 MHz	
41 / 20M	1	0	22.18	22.17	22.35	22.22	22.19	0	21.25	21.29	21.46	21.26	21.32	1
	1	50	22.09	22.12	22.31	22.10	22.17	0	21.42	21.43	21.68	21.43	21.45	1
	1	99	21.45	21.48	21.67	21.46	21.47	0	20.88	20.94	21.15	20.97	20.96	1
	50	0	21.11	21.14	21.40	21.18	21.22	1	20.21	20.17	20.46	20.24	20.28	2
	50	25	21.16	21.17	21.36	21.21	21.16	1	20.10	20.16	20.37	20.17	20.19	2
	50	50	20.95	20.98	21.25	21.03	21.07	1	20.04	20.03	20.29	20.10	20.11	2
	100	0	21.08	21.07	21.30	21.11	21.10	1	20.17	20.15	20.34	20.15	20.18	2

LTE Band / BW	RB Size	RB Offset	64QAM					3GPP MPR (dB)
			L-CH 39750	M-CH 40185	M-CH 40620	M-CH 41055	H-CH 41490	
			2506.0 MHz	2549.5 MHz	2593.0 MHz	2636.5 MHz	2680.0 MHz	
41 / 20M	1	0	19.93	19.98	20.19	20.01	20.04	2
	1	50	19.80	19.77	20.01	19.86	19.80	2
	1	99	19.41	19.41	19.69	19.46	19.52	2
	50	0	19.19	19.20	19.36	19.22	19.23	3
	50	25	19.14	19.15	19.39	19.25	19.23	3
	50	50	19.04	19.07	19.26	19.06	19.10	3
	100	0	19.13	19.09	19.38	19.18	19.18	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 131979	Mid CH 132322	High CH 132665		Low CH 131979	Mid CH 132322	High CH 132665		Low CH 131979	Mid CH 132322	High CH 132665	
			1710.7 MHz	1745.0 MHz	1779.3 MHz		1710.7 MHz	1745.0 MHz	1779.3 MHz		1710.7 MHz	1745.0 MHz	1779.3 MHz	
66 / 1.4M	1	0	20.24	20.34	20.28	0	19.54	19.63	19.59	1	18.35	18.49	18.50	2
	1	2	20.64	20.71	20.71	0	19.69	19.71	19.79	1	18.27	18.37	18.35	2
	1	5	20.40	20.45	20.43	0	19.65	19.75	19.80	1	18.72	18.73	18.84	2
	3	0	20.29	20.41	20.46	0	19.02	19.04	19.10	1	18.24	18.34	18.25	2
	3	1	20.33	20.40	20.30	0	19.26	19.46	19.40	1	18.24	18.36	18.33	2
	3	3	20.27	20.34	20.40	0	19.37	19.42	19.49	1	18.33	18.40	18.43	2
	6	0	19.37	19.38	19.42	1	18.32	18.41	18.34	2	17.33	17.35	17.41	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 131987	Mid CH 132322	High CH 132657		Low CH 131987	Mid CH 132322	High CH 132657		Low CH 131987	Mid CH 132322	High CH 132657	
			1711.5 MHz	1745.0 MHz	1778.5 MHz		1711.5 MHz	1745.0 MHz	1778.5 MHz		1711.5 MHz	1745.0 MHz	1778.5 MHz	
66 / 3M	1	0	20.26	20.36	20.27	0	19.51	19.69	19.62	1	18.41	18.52	18.44	2
	1	7	20.60	20.72	20.71	0	19.66	19.74	19.77	1	18.30	18.31	18.34	2
	1	14	20.36	20.45	20.43	0	19.68	19.75	19.80	1	18.73	18.75	18.84	2
	8	0	19.28	19.44	19.46	1	17.98	18.05	18.10	2	17.27	17.38	17.26	3
	8	3	19.26	19.40	19.32	1	18.31	18.41	18.43	2	17.28	17.30	17.38	3
	8	7	19.24	19.41	19.44	1	18.39	18.40	18.45	2	17.30	17.44	17.39	3
	15	0	19.34	19.39	19.36	1	18.32	18.35	18.37	2	17.35	17.32	17.45	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 131997	Mid CH 132322	High CH 132647		Low CH 131997	Mid CH 132322	High CH 132647		Low CH 131997	Mid CH 132322	High CH 132647	
			1712.5 MHz	1745.0 MHz	1777.5 MHz		1712.5 MHz	1745.0 MHz	1777.5 MHz		1712.5 MHz	1745.0 MHz	1777.5 MHz	
66 / 5M	1	0	20.27	20.31	20.28	0	19.52	19.65	19.62	1	18.35	18.49	18.50	2
	1	12	20.65	20.69	20.71	0	19.63	19.77	19.76	1	18.27	18.37	18.34	2
	1	24	20.37	20.44	20.47	0	19.68	19.75	19.79	1	18.66	18.80	18.84	2
	12	0	19.31	19.44	19.43	1	17.98	18.03	18.07	2	17.28	17.35	17.25	3
	12	6	19.26	19.41	19.33	1	18.28	18.45	18.39	2	17.22	17.37	17.37	3
	12	13	19.28	19.37	19.45	1	18.34	18.42	18.48	2	17.34	17.43	17.36	3
	25	0	19.32	19.42	19.39	1	18.32	18.36	18.34	2	17.31	17.38	17.43	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 132022	Mid CH 132322	High CH 132622		Low CH 132022	Mid CH 132322	High CH 132622		Low CH 132022	Mid CH 132322	High CH 132622	
			1715.0 MHz	1745.0 MHz	1775.0 MHz		1715.0 MHz	1745.0 MHz	1775.0 MHz		1715.0 MHz	1745.0 MHz	1775.0 MHz	
66 / 10M	1	0	20.24	20.34	20.28	0	19.52	19.62	19.58	1	18.34	18.50	18.47	2
	1	24	20.65	20.69	20.72	0	19.68	19.73	19.79	1	18.32	18.33	18.38	2
	1	49	20.34	20.48	20.43	0	19.68	19.76	19.76	1	18.72	18.74	18.81	2
	25	0	19.32	19.43	19.46	1	18.00	18.01	18.13	2	17.26	17.32	17.31	3
	25	12	19.32	19.35	19.33	1	18.32	18.39	18.44	2	17.29	17.36	17.31	3
	25	25	19.26	19.34	19.44	1	18.33	18.43	18.45	2	17.33	17.40	17.38	3
	50	0	19.37	19.42	19.36	1	18.36	18.35	18.38	2	17.36	17.34	17.44	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 132047	Mid CH 132322	High CH 132597		Low CH 132047	Mid CH 132322	High CH 132597		Low CH 132047	Mid CH 132322	High CH 132597	
			1717.5 MHz	1745.0 MHz	1772.5 MHz		1717.5 MHz	1745.0 MHz	1772.5 MHz		1717.5 MHz	1745.0 MHz	1772.5 MHz	
66 / 15M	1	0	20.31	20.34	20.25	0	19.56	19.69	19.58	1	18.36	18.51	18.48	2
	1	37	20.63	20.74	20.67	0	19.67	19.74	19.79	1	18.33	18.32	18.35	2
	1	74	20.40	20.51	20.44	0	19.64	19.81	19.78	1	18.68	18.73	18.84	2
	36	0	19.29	19.44	19.47	1	18.04	18.01	18.14	2	17.31	17.38	17.25	3
	36	19	19.33	19.40	19.33	1	18.26	18.43	18.40	2	17.23	17.30	17.33	3
	36	39	19.24	19.35	19.44	1	18.38	18.41	18.48	2	17.36	17.47	17.40	3
	75	0	19.37	19.40	19.41	1	18.37	18.38	18.31	2	17.35	17.32	17.45	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 132072	Mid CH 132322	High CH 132572		Low CH 132072	Mid CH 132322	High CH 132572		Low CH 132072	Mid CH 132322	High CH 132572	
			1720.0 MHz	1745.0 MHz	1770.0 MHz		1720.0 MHz	1745.0 MHz	1770.0 MHz		1720.0 MHz	1745.0 MHz	1770.0 MHz	
66 / 20M	1	0	20.32	20.38	20.33	0	19.59	19.70	19.64	1	18.42	18.54	18.52	2
	1	50	20.67	20.77	20.73	0	19.71	19.79	19.81	1	18.35	18.39	18.40	2
	1	99	20.42	20.52	20.48	0	19.70	19.83	19.81	1	18.74	18.81	18.86	2
	50	0	19.35	19.49	19.48	1	18.06	18.09	18.15	2	17.32	17.40	17.33	3
	50	25	19.34	19.42	19.38	1	18.34	18.47	18.45	2	17.30	17.38	17.39	3
	50	50	19.32	19.42	19.46	1	18.41	18.47	18.50	2	17.38	17.48	17.44	3
	100	0	19.38	19.44	19.44	1	18.38	18.43	18.39	2	17.37	17.40	17.46	3

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LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 133147	Mid CH 133247	High CH 133447		Low CH 133147	Mid CH 133247	High CH 133447		Low CH 133147	Mid CH 133247	High CH 133447	
			665.5 MHz	675.5 MHz	695.5 MHz		665.5 MHz	675.5 MHz	695.5 MHz		665.5 MHz	675.5 MHz	695.5 MHz	
71 / 5M	1	0	21.25	21.19	21.14	0	20.17	20.25	19.99	1	19.69	19.79	19.61	2
	1	12	21.68	21.66	21.47	0	20.87	20.93	20.77	1	19.81	19.88	19.60	2
	1	24	21.57	21.58	21.40	0	20.86	20.90	20.75	1	19.70	19.75	19.67	2
	12	0	20.50	20.53	20.42	0	19.70	19.62	19.55	1	18.82	18.81	18.47	2
	12	6	20.45	20.52	20.23	0	19.43	19.57	19.32	1	18.72	18.79	18.63	2
	12	13	20.37	20.40	20.35	0	19.56	19.54	19.46	1	18.81	18.84	18.56	2
	25	0	20.52	20.57	20.32	1	19.47	19.40	19.17	2	18.81	18.75	18.69	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 133172	Mid CH 133272	High CH 133422		Low CH 133172	Mid CH 133272	High CH 133422		Low CH 133172	Mid CH 133272	High CH 133422	
			668 MHz	678 MHz	693 MHz		668 MHz	678 MHz	693 MHz		668 MHz	678 MHz	693 MHz	
71 / 10M	1	0	21.22	21.22	21.14	0	20.17	20.22	19.95	1	19.68	19.80	19.58	2
	1	24	21.68	21.66	21.48	0	20.92	20.89	20.80	1	19.86	19.84	19.64	2
	1	49	21.54	21.62	21.36	0	20.86	20.91	20.72	1	19.76	19.69	19.64	2
	25	0	20.51	20.52	20.45	1	19.72	19.60	19.61	2	18.80	18.78	18.53	3
	25	12	20.51	20.46	20.23	1	19.47	19.51	19.37	2	18.79	18.78	18.57	3
	25	25	20.35	20.37	20.34	1	19.55	19.55	19.43	2	18.80	18.81	18.58	3
	50	0	20.57	20.57	20.29	1	19.51	19.39	19.21	2	18.86	18.71	18.70	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 133197	Mid CH 133297	High CH 133397		Low CH 133197	Mid CH 133297	High CH 133397		Low CH 133197	Mid CH 133297	High CH 133397	
			670.5 MHz	680.5 MHz	690.5 MHz		670.5 MHz	680.5 MHz	690.5 MHz		670.5 MHz	680.5 MHz	690.5 MHz	
71 / 15M	1	0	21.29	21.22	21.11	0	20.21	20.29	19.95	1	19.70	19.81	19.59	2
	1	37	21.66	21.71	21.43	0	20.91	20.90	20.80	1	19.87	19.83	19.61	2
	1	74	21.60	21.65	21.37	0	20.82	20.96	20.74	1	19.72	19.68	19.67	2
	36	0	20.48	20.53	20.46	1	19.76	19.60	19.62	2	18.85	18.84	18.47	3
	36	19	20.52	20.51	20.23	1	19.41	19.55	19.33	2	18.73	18.72	18.59	3
	36	39	20.33	20.38	20.34	1	19.60	19.53	19.46	2	18.83	18.88	18.60	3
	75	0	20.57	20.55	20.34	1	19.52	19.42	19.14	2	18.85	18.69	18.71	3

LTE Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH 133222	Mid CH 133322	High CH 133372		Low CH 133222	Mid CH 133322	High CH 133372		Low CH 133222	Mid CH 133322	High CH 133372	
			673 MHz	683 MHz	688 MHz		673 MHz	683 MHz	688 MHz		673 MHz	683 MHz	688 MHz	
71 / 20M	1	0	21.30	21.26	21.19	0	20.24	20.30	20.01	1	19.76	19.84	19.63	2
	1	50	21.70	21.74	21.49	0	20.95	20.95	20.82	1	19.89	19.90	19.66	2
	1	99	21.62	21.66	21.41	0	20.88	20.98	20.77	1	19.78	19.76	19.69	2
	50	0	20.54	20.58	20.47	1	19.78	19.68	19.63	2	18.86	18.86	18.55	3
	50	25	20.53	20.53	20.28	1	19.49	19.59	19.38	2	18.80	18.80	18.65	3
	50	50	20.41	20.45	20.36	1	19.63	19.59	19.48	2	18.85	18.89	18.64	3
	100	0	20.58	20.59	20.37	1	19.53	19.47	19.22	2	18.87	18.77	18.72	3

FCC SAR Test Report

<Power for LTE Uplink CA>

The conducted power for uplink CA active was measured on the highest reported SAR configuration for each exposure condition with both two carrier components was set to largest channel bandwidth.

7C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
20850	21048	QPSK	1	0	0	0	19.28
			1	99	1	0	21.45
		16QAM	1	0	0	0	18.73
			1	99	1	0	20.76
		64QAM	1	0	0	0	18.47
			1	99	1	0	19.79
21001	21199	QPSK	1	0	0	0	19.17
			1	99	1	0	21.07
		16QAM	1	0	0	0	18.52
			1	99	1	0	20.60
		64QAM	1	0	0	0	18.17
			1	99	1	0	19.51
21152	21350	QPSK	1	0	0	0	19.21
			1	99	1	0	21.64
		16QAM	1	0	0	0	18.52
			1	99	1	0	20.92
		64QAM	1	0	0	0	18.03
			1	99	1	0	19.87

FCC SAR Test Report

41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB offset	RB Size	RB offset	
39750	39948	QPSK	1	0	0	0	20.03
			1	99	1	0	21.89
		16QAM	1	0	0	0	19.75
			1	99	1	0	21.06
		64QAM	1	0	0	0	19.37
			1	99	1	0	20.07
40185	39987	QPSK	1	0	0	0	22.03
			1	99	1	0	10.89
		16QAM	1	0	0	0	21.10
			1	99	1	0	10.85
		64QAM	1	0	0	0	20.05
			1	99	1	0	10.74
40620	40422	QPSK	1	0	0	0	21.10
			1	99	1	0	9.19
		16QAM	1	0	0	0	20.55
			1	99	1	0	8.79
		64QAM	1	0	0	0	20.11
			1	99	1	0	8.22
41055	40857	QPSK	1	0	0	0	21.28
			1	99	1	0	9.98
		16QAM	1	0	0	0	21.09
			1	99	1	0	9.92
		64QAM	1	0	0	0	19.94
			1	99	1	0	9.87
41490	41292	QPSK	1	0	0	0	20.39
			1	99	1	0	8.70
		16QAM	1	0	0	0	20.20
			1	99	1	0	8.45
		64QAM	1	0	0	0	19.67
			1	99	1	0	8.12

FCC SAR Test Report

2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)
	802.11b 1Mbps	1	2412	12.75
		6	2437	13.64
		11	2462	14.21
	802.11g 6Mbps	1	2412	14.02
		6	2437	14.32
		11	2462	13.70
	802.11n-HT20 MCS0	1	2412	13.75
		6	2437	14.24
		11	2462	13.85
	802.11n-HT40 MCS0	3	2422	13.99
		6	2437	16.02
		9	2452	13.38

FCC SAR Test Report

Bluetooth			
Mode	Channel	Frequency (MHz)	Average Power (dBm)
BR / EDR	0	2402	3.41
	39	2441	2.72
	78	2480	4.51
BLE 1Mbps	0	2402	2.42
	19	2440	1.81
	39	2480	3.49
BLE 2Mbps	0	2402	-0.42
	19	2440	-0.62
	39	2480	0.91
BLE S2	0	2402	2.01
	19	2440	1.96
	39	2480	2.90
BLE S8	0	2402	3.67
	19	2440	3.15
	39	2480	4.71
2 nd BLE 1Mbps	0	2402	2.88
	19	2440	3.71
	39	2480	4.42
2 nd BLE 2Mbps	0	2402	1.43
	19	2440	2.33
	39	2480	3.05
2 nd BLE S2	0	2402	3.18
	19	2440	3.54
	39	2480	4.31
2 nd BLE S8	0	2402	3.37
	19	2440	4.17
	39	2480	4.73

5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)
	802.11a 6Mbps	36	5180	13.38
		40	5200	15.58
		44	5220	15.78
		48	5240	15.80
	802.11n-HT20 MCS0	36	5180	12.65
		40	5200	15.38
		44	5220	15.52
		48	5240	15.58
	802.11n-HT40 MCS0	38	5190	8.80
		46	5230	15.40
	802.11ac-VHT20 MCS0	36	5180	12.60
		40	5200	15.35
		44	5220	15.48
		48	5240	15.52
	802.11ac-VHT40 MCS0	38	5190	8.94
		46	5230	15.16
	802.11ac-VHT80 MCS0	42	5210	7.43