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# Appendix B

E-UTRA Band CA\_2C

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### 1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE Band CA\_2C

	Test Mode Channel RB Configuration Modulation Result EIRP Limit								
BAND	PCC/SCC	PCC/SCC	PCC SCC		PCC&SCC	(dBm)	(dBm)	(dBm)	Verdict
CA_2C	100RB+25RB	18700-18817	1RB@0	0RB@0	QPSK	22.97	22.58	33.00	Pass
CA_2C	100RB+25RB	18700-18817	18RB@0	0RB@0	QPSK	21.84	21.45	33.00	Pass
CA_2C	100RB+25RB	18875-18992	1RB@0	0RB@0	QPSK	23.04	22.65	33.00	Pass
CA 2C	100RB+25RB	18875-18992	18RB@0	0RB@0	QPSK	21.92	21.53	33.00	Pass
CA_2C	100RB+25RB	19050-19167	1RB@0	0RB@0	QPSK	23.00	22.61	33.00	Pass
CA_2C	100RB+25RB	19050-19167	18RB@0	0RB@0	QPSK	21.81	21.42	33.00	Pass
CA_2C	25RB+100RB	18817-18700	1RB@0	0RB@0	QPSK	22.98	22.59	33.00	Pass
CA_2C	25RB+100RB	18817-18700	8RB@0	0RB@0	QPSK	22.95	22.56	33.00	Pass
CA_2C	25RB+100RB	18992-18875	1RB@0	0RB@0	QPSK	22.72	22.33	33.00	Pass
CA 2C	25RB+100RB	18992-18875	8RB@0	0RB@0	QPSK	22.74	22.35	33.00	Pass
CA_2C	25RB+100RB	19167-19050	1RB@0	0RB@0	QPSK	22.94	22.55	33.00	Pass
CA_2C	25RB+100RB	19167-19050	8RB@0	0RB@0	QPSK	22.95	22.56	33.00	Pass
CA_2C	100RB+100RB	18700-18898	1RB@0	0RB@0	QPSK	22.95	22.56	33.00	Pass
CA_2C	100RB+100RB	18700-18898	18RB@0	0RB@0	QPSK	22.83	22.44	33.00	Pass
CA_2C	100RB+100RB	18801-18999	1RB@0	0RB@0	QPSK	22.99	22.60	33.00	Pass
CA_2C	100RB+100RB	18801-18999	18RB@0	0RB@0	QPSK	22.84	22.45	33.00	Pass
CA_2C	100RB+100RB	18902-19100	1RB@0	0RB@0	QPSK	23.03	22.64	33.00	Pass
CA_2C	100RB+100RB	18902-19100	18RB@0	0RB@0	QPSK	22.94	22.55	33.00	Pass
CA_2C	100RB+100RB	18898-18700	1RB@0	0RB@0	QPSK	22.83	22.44	33.00	Pass
CA_2C	100RB+100RB	18898-18700	18RB@0	0RB@0	QPSK	22.89	22.50	33.00	Pass
CA_2C	100RB+100RB	18999-18801	1RB@0	0RB@0	QPSK	23.03	22.64	33.00	Pass
CA_2C	100RB+100RB	18999-18801	18RB@0	0RB@0	QPSK	23.03	22.64	33.00	Pass
CA_2C	100RB+100RB	19100-18902	1RB@0	0RB@0	QPSK	22.65	22.26	33.00	Pass
CA_2C	100RB+100RB	19100-18902	18RB@0	0RB@0	QPSK	22.56	22.17	33.00	Pass
CA_2C	100RB+25RB	18700-18817	1RB@0	0RB@0	16QAM	21.97	21.58	33.00	Pass
CA_2C	100RB+25RB	18700-18817	18RB@0	0RB@0	16QAM	20.89	20.50	33.00	Pass
CA_2C	100RB+25RB	18875-18992	1RB@0	0RB@0	16QAM	22.05	21.66	33.00	Pass
CA_2C	100RB+25RB	18875-18992	18RB@0	0RB@0	16QAM	20.91	20.52	33.00	Pass
CA_2C	100RB+25RB	19050-19167	1RB@0	0RB@0	16QAM	22.17	21.78	33.00	Pass
CA_2C	100RB+25RB	19050-19167	18RB@0	0RB@0	16QAM	20.99	20.60	33.00	Pass
CA_2C	25RB+100RB	18817-18700	1RB@0	0RB@0	16QAM	21.98	21.59	33.00	Pass
CA_2C	25RB+100RB	18817-18700	8RB@0	0RB@0	16QAM	21.99	21.60	33.00	Pass
CA_2C	25RB+100RB	18992-18875	1RB@0	0RB@0	16QAM	21.74	21.35	33.00	Pass
CA_2C	25RB+100RB	18992-18875	8RB@0	0RB@0	16QAM	21.93	21.54	33.00	Pass
CA_2C	25RB+100RB	19167-19050	1RB@0	0RB@0	16QAM	22.00	21.61	33.00	Pass
CA_2C	25RB+100RB	19167-19050	8RB@0	0RB@0	16QAM	22.09	21.70	33.00	Pass
CA_2C	100RB+100RB	18700-18898	1RB@0	0RB@0	16QAM	22.03	21.64	33.00	Pass
CA_2C	100RB+100RB	18700-18898	18RB@0	0RB@0	16QAM	21.89	21.50	33.00	Pass
CA_2C	100RB+100RB	18801-18999	1RB@0	0RB@0	16QAM	21.99	21.60	33.00	Pass
CA_2C	100RB+100RB	18801-18999	18RB@0	0RB@0	16QAM	21.96	21.57	33.00	Pass
CA_2C	100RB+100RB	18902-19100	1RB@0	0RB@0	16QAM	22.12	21.73	33.00	Pass



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CA_2C   100RB+100RB   18902-19100   188B@0   0RB@0   16QAM   22.16   21.77   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   16QAM   21.92   21.53   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   16QAM   21.81   21.42   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   16QAM   22.13   21.74   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   16QAM   22.25   21.86   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   21.61   21.41   33.00   Pass     CA_2C   100RB+100RB   19100-18902   18RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   21.01   20.62   33.						O				
CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   16QAM   21.81   21.42   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   16QAM   22.13   21.74   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   22.52   21.86   33.00   Pass     CA_2C   100RB+100RB   19100-18902   18RB@0   0RB@0   16QAM   21.54   21.41   33.00   Pass     CA_2C   100RB+25RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   1870-18817   18RB@0   0RB@0   64QAM   21.24   20.83   33.00   Pass     CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   21.32   20.93   33.00 </td <td>CA_2C</td> <td>100RB+100RB</td> <td>18902-19100</td> <td>18RB@0</td> <td>0RB@0</td> <td>16QAM</td> <td>22.16</td> <td>21.77</td> <td>33.00</td> <td>Pass</td>	CA_2C	100RB+100RB	18902-19100	18RB@0	0RB@0	16QAM	22.16	21.77	33.00	Pass
CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   16QAM   22.13   21.74   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   16QAM   22.25   21.86   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   21.54   21.41   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   21.54   21.15   33.00   Pass     CA_2C   100RB+25RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.02   20.85   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.07   19.68   33.00 <td>CA_2C</td> <td>100RB+100RB</td> <td>18898-18700</td> <td>1RB@0</td> <td>0RB@0</td> <td>16QAM</td> <td>21.92</td> <td>21.53</td> <td>33.00</td> <td>Pass</td>	CA_2C	100RB+100RB	18898-18700	1RB@0	0RB@0	16QAM	21.92	21.53	33.00	Pass
CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   16QAM   22.25   21.86   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   21.80   21.41   33.00   Pass     CA_2C   100RB+26RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.94   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18R@0   0RB@0   64QAM   20.07   19.68   33.00 <td>CA_2C</td> <td>100RB+100RB</td> <td>18898-18700</td> <td>18RB@0</td> <td>0RB@0</td> <td>16QAM</td> <td>21.81</td> <td>21.42</td> <td>33.00</td> <td>Pass</td>	CA_2C	100RB+100RB	18898-18700	18RB@0	0RB@0	16QAM	21.81	21.42	33.00	Pass
CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   16QAM   21.80   21.41   33.00   Pass     CA_2C   100RB+100RB   19100-18902   18RB@0   0RB@0   16QAM   21.54   21.15   33.00   Pass     CA_2C   100RB+25RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   1875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00	CA_2C	100RB+100RB	18999-18801	1RB@0	0RB@0	16QAM	22.13	21.74	33.00	Pass
CA_2C   100RB+100RB   19100-18902   18RB@0   0RB@0   16QAM   21.54   21.15   33.00   Pass     CA_2C   100RB+25RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   19.92   19.53   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.09   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00	CA_2C	100RB+100RB	18999-18801	18RB@0	0RB@0	16QAM	22.25	21.86	33.00	Pass
CA_2C   100RB+25RB   18700-18817   1RB@0   0RB@0   64QAM   21.01   20.62   33.00   Pass     CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   19.92   19.53   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.97   20.53   33.00	CA_2C	100RB+100RB	19100-18902	1RB@0	0RB@0	16QAM	21.80	21.41	33.00	Pass
CA_2C   100RB+25RB   18700-18817   18RB@0   0RB@0   64QAM   19.92   19.53   33.00   Pass     CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   0RB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   0RB@0   64QAM   20.71   20.32   33.00	CA_2C	100RB+100RB	19100-18902	18RB@0	0RB@0	16QAM	21.54	21.15	33.00	Pass
CA_2C   100RB+25RB   18875-18992   1RB@0   0RB@0   64QAM   21.24   20.85   33.00   Pass     CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   21.32   20.93   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   0RB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18892-18875   1RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00	CA_2C	100RB+25RB	18700-18817	1RB@0	0RB@0	64QAM	21.01	20.62	33.00	Pass
CA_2C   100RB+25RB   18875-18992   18RB@0   0RB@0   64QAM   20.09   19.70   33.00   Pass     CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   21.32   20.93   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   0RB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   0RB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.06   20.67   33.00	CA_2C	100RB+25RB	18700-18817	18RB@0	0RB@0	64QAM	19.92	19.53	33.00	Pass
CA_2C   100RB+25RB   19050-19167   1RB@0   0RB@0   64QAM   21.32   20.93   33.00   Pass     CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   0RB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   0RB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   18992-18875   8RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.06   20.67   33.00	CA_2C	100RB+25RB	18875-18992	1RB@0	0RB@0	64QAM	21.24	20.85	33.00	Pass
CA_2C   100RB+25RB   19050-19167   18RB@0   0RB@0   64QAM   20.07   19.68   33.00   Pass     CA_2C   25RB+100RB   18817-18700   1RB@0   0RB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   0RB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   0RB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   18992-18875   8RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   0RB@0   64QAM   21.03   20.64   33.00	CA_2C	100RB+25RB	18875-18992	18RB@0	0RB@0	64QAM	20.09	19.70	33.00	Pass
CA_2C   25RB+100RB   18817-18700   1RB@0   ORB@0   64QAM   20.95   20.56   33.00   Pass     CA_2C   25RB+100RB   18817-18700   8RB@0   ORB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   ORB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   18992-18875   8RB@0   ORB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   ORB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.02   20.83   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.02   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   ORB@0   64QAM   21.03   20.64   33.00	CA_2C	100RB+25RB	19050-19167	1RB@0	0RB@0	64QAM	21.32	20.93	33.00	Pass
CA_2C   25RB+100RB   18817-18700   8RB@0   ORB@0   64QAM   20.92   20.53   33.00   Pass     CA_2C   25RB+100RB   18992-18875   1RB@0   ORB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   18992-18875   8RB@0   ORB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   ORB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.02   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   ORB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   ORB@0   64QAM   21.11   20.72   33.00	CA_2C	100RB+25RB	19050-19167	18RB@0	0RB@0	64QAM	20.07	19.68	33.00	Pass
CA_2C   25RB+100RB   18992-18875   1RB@0   0RB@0   64QAM   20.71   20.32   33.00   Pass     CA_2C   25RB+100RB   18992-18875   8RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.02   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   0RB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   18RB@0   0RB@0   64QAM   21.17   20.78   33.00	CA_2C	25RB+100RB	18817-18700	1RB@0	0RB@0	64QAM	20.95	20.56	33.00	Pass
CA_2C   25RB+100RB   18992-18875   8RB@0   ORB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   25RB+100RB   19167-19050   1RB@0   ORB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.22   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   ORB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18700-18898   18RB@0   ORB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   ORB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   ORB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   ORB@0   64QAM   21.40   21.01   33.00 <td>CA_2C</td> <td>25RB+100RB</td> <td>18817-18700</td> <td>8RB@0</td> <td>0RB@0</td> <td>64QAM</td> <td>20.92</td> <td>20.53</td> <td>33.00</td> <td>Pass</td>	CA_2C	25RB+100RB	18817-18700	8RB@0	0RB@0	64QAM	20.92	20.53	33.00	Pass
CA_2C   25RB+100RB   19167-19050   1RB@0   0RB@0   64QAM   21.06   20.67   33.00   Pass     CA_2C   25RB+100RB   19167-19050   8RB@0   0RB@0   64QAM   21.22   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   0RB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18700-18898   18RB@0   0RB@0   64QAM   20.99   20.60   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.44   33.00   Pass	CA_2C	25RB+100RB	18992-18875	1RB@0	0RB@0	64QAM	20.71	20.32	33.00	Pass
CA_2C   25RB+100RB   19167-19050   8RB@0   ORB@0   64QAM   21.22   20.83   33.00   Pass     CA_2C   100RB+100RB   18700-18898   1RB@0   ORB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18700-18898   18RB@0   ORB@0   64QAM   20.99   20.60   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   ORB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   18RB@0   ORB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   ORB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18992-19100   18RB@0   ORB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   ORB@0   64QAM   20.33   33.00   Pass<	CA_2C	25RB+100RB	18992-18875	8RB@0	0RB@0	64QAM	21.17	20.78	33.00	Pass
CA_2C   100RB+100RB   18700-18898   1RB@0   0RB@0   64QAM   21.03   20.64   33.00   Pass     CA_2C   100RB+100RB   18700-18898   18RB@0   0RB@0   64QAM   20.99   20.60   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   18RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pas	CA_2C	25RB+100RB	19167-19050	1RB@0	0RB@0	64QAM	21.06	20.67	33.00	Pass
CA_2C   100RB+100RB   18700-18898   18RB@0   0RB@0   64QAM   20.99   20.60   33.00   Pass     CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   18RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.83   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.	CA_2C	25RB+100RB	19167-19050	8RB@0	0RB@0	64QAM	21.22	20.83	33.00	Pass
CA_2C   100RB+100RB   18801-18999   1RB@0   0RB@0   64QAM   21.11   20.72   33.00   Pass     CA_2C   100RB+100RB   18801-18999   18RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.83   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.	CA_2C	100RB+100RB	18700-18898	1RB@0	0RB@0	64QAM	21.03	20.64	33.00	Pass
CA_2C   100RB+100RB   18801-18999   18RB@0   0RB@0   64QAM   21.17   20.78   33.00   Pass     CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.83   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   20.91   20.52   33	CA_2C	100RB+100RB	18700-18898	18RB@0	0RB@0	64QAM	20.99	20.60	33.00	Pass
CA_2C   100RB+100RB   18902-19100   1RB@0   0RB@0   64QAM   21.08   20.69   33.00   Pass     CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.83   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   64QAM   20.91   20.52   33.	CA_2C	100RB+100RB	18801-18999	1RB@0	0RB@0	64QAM	21.11	20.72	33.00	Pass
CA_2C   100RB+100RB   18902-19100   18RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18898-18700   1RB@0   0RB@0   64QAM   20.83   20.44   33.00   Pass     CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   64QAM   20.91   20.52   33.00   Pass	CA_2C	100RB+100RB	18801-18999	18RB@0	0RB@0	64QAM	21.17	20.78	33.00	Pass
CA_2C 100RB+100RB 18898-18700 1RB@0 0RB@0 64QAM 20.83 20.44 33.00 Pass   CA_2C 100RB+100RB 18898-18700 18RB@0 0RB@0 64QAM 20.72 20.33 33.00 Pass   CA_2C 100RB+100RB 18999-18801 1RB@0 0RB@0 64QAM 21.40 21.01 33.00 Pass   CA_2C 100RB+100RB 18999-18801 18RB@0 0RB@0 64QAM 21.42 21.03 33.00 Pass   CA_2C 100RB+100RB 19100-18902 1RB@0 0RB@0 64QAM 20.91 20.52 33.00 Pass	CA_2C	100RB+100RB	18902-19100	1RB@0	0RB@0	64QAM	21.08	20.69	33.00	Pass
CA_2C   100RB+100RB   18898-18700   18RB@0   0RB@0   64QAM   20.72   20.33   33.00   Pass     CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   64QAM   20.91   20.52   33.00   Pass	CA_2C	100RB+100RB	18902-19100	18RB@0	0RB@0	64QAM	21.40	21.01	33.00	Pass
CA_2C   100RB+100RB   18999-18801   1RB@0   0RB@0   64QAM   21.40   21.01   33.00   Pass     CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   64QAM   20.91   20.52   33.00   Pass	CA_2C	100RB+100RB	18898-18700	1RB@0	0RB@0	64QAM	20.83	20.44	33.00	Pass
CA_2C   100RB+100RB   18999-18801   18RB@0   0RB@0   64QAM   21.42   21.03   33.00   Pass     CA_2C   100RB+100RB   19100-18902   1RB@0   0RB@0   64QAM   20.91   20.52   33.00   Pass	CA_2C	100RB+100RB	18898-18700	18RB@0	0RB@0	64QAM	20.72	20.33	33.00	Pass
CA_2C 100RB+100RB 19100-18902 1RB@0 0RB@0 64QAM 20.91 20.52 33.00 Pass	CA_2C	100RB+100RB	18999-18801	1RB@0	0RB@0	64QAM	21.40	21.01	33.00	Pass
	CA_2C	100RB+100RB	18999-18801	18RB@0	0RB@0	64QAM	21.42	21.03	33.00	Pass
CA_2C   100RB+100RB   19100-18902   18RB@0   0RB@0   64QAM   20.81   20.42   33.00   Pass	CA_2C	100RB+100RB	19100-18902	1RB@0	0RB@0	64QAM	20.91	20.52	33.00	Pass
	CA_2C	100RB+100RB	19100-18902	18RB@0	0RB@0	64QAM	20.81	20.42	33.00	Pass

#### Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level

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### 2 Peak-to-Average Ratio

#### Part I - Test Results

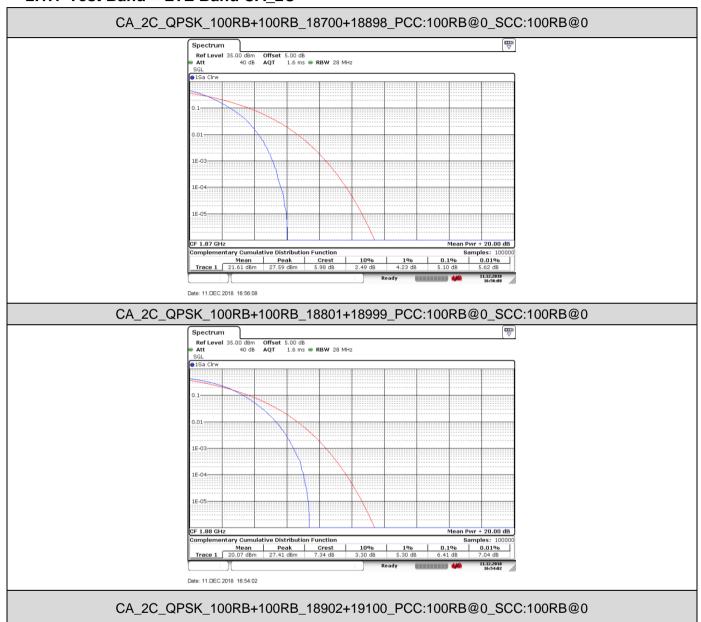
Part 1 - Test Results								
Test Band	Modulati on	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_2C	QPSK	100RB+100RB	18700+18898	100RB@0	100RB@0	5.10	13	PASS
CA_2C	QPSK	100RB+100RB	18801+18999	100RB@0	100RB@0	6.41	13	PASS
CA_2C	QPSK	100RB+100RB	18902+19100	100RB@0	100RB@0	6.61	13	PASS
CA_2C	QPSK	100RB+100RB	18898+18700	100RB@0	100RB@0	6.58	13	PASS
CA_2C	QPSK	100RB+100RB	18999+18801	100RB@0	100RB@0	6.49	13	PASS
CA_2C	QPSK	100RB+100RB	19100+18902	100RB@0	100RB@0	6.52	13	PASS
CA_2C	16QAM	100RB+100RB	18700+18898	100RB@0	100RB@0	5.68	13	PASS
CA_2C	16QAM	100RB+100RB	18801+18999	100RB@0	100RB@0	7.01	13	PASS
CA_2C	16QAM	100RB+100RB	18902+19100	100RB@0	100RB@0	6.90	13	PASS
CA_2C	16QAM	100RB+100RB	18898+18700	100RB@0	100RB@0	6.96	13	PASS
CA_2C	16QAM	100RB+100RB	18999+18801	100RB@0	100RB@0	7.01	13	PASS
CA_2C	16QAM	100RB+100RB	19100+18902	100RB@0	100RB@0	7.07	13	PASS
CA_2C	64QAM	100RB+100RB	18700+18898	100RB@0	100RB@0	5.83	13	PASS
CA_2C	64QAM	100RB+100RB	18801+18999	100RB@0	100RB@0	7.01	13	PASS
CA_2C	64QAM	100RB+100RB	18902+19100	100RB@0	100RB@0	6.99	13	PASS
CA_2C	64QAM	100RB+100RB	18898+18700	100RB@0	100RB@0	7.01	13	PASS
CA_2C	64QAM	100RB+100RB	18999+18801	100RB@0	100RB@0	6.99	13	PASS
CA_2C	64QAM	100RB+100RB	19100+18902	100RB@0	100RB@0	7.10	13	PASS

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### Part II - Test Plots

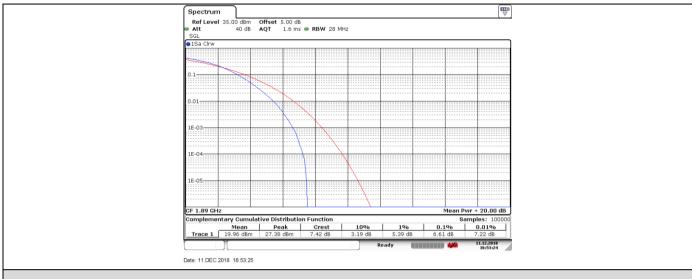
### 2.1 For LTE

### 2.1.1 Test Band = LTE Band CA\_2C

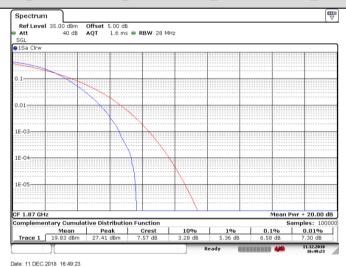


Report No.: HR/2018/C000201

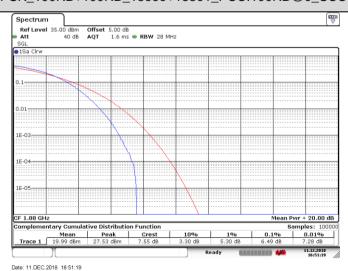
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### CA\_2C\_QPSK\_100RB+100RB\_18898+18700\_PCC:100RB@0\_SCC:100RB@0



### CA\_2C\_QPSK\_100RB+100RB\_18999+18801\_PCC:100RB@0\_SCC:100RB@0

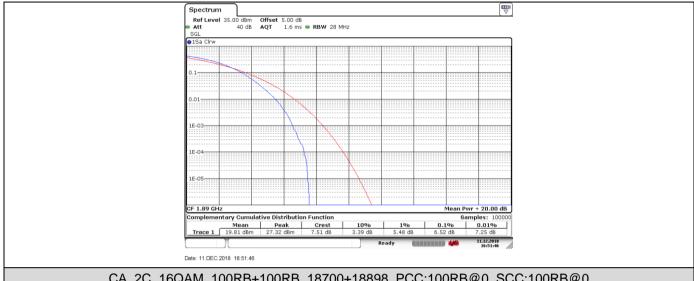


CA\_2C\_QPSK\_100RB+100RB\_19100+18902\_PCC:100RB@0\_SCC:100RB@0

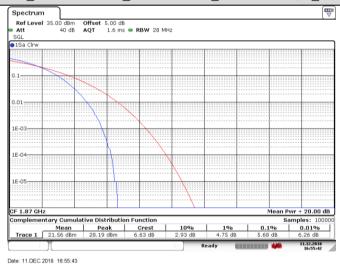
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Report No.: HR/2018/C000201

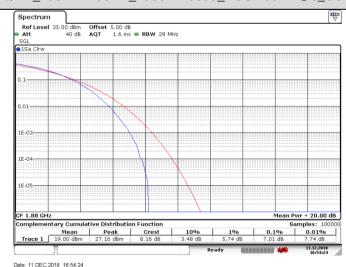
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### CA\_2C\_16QAM\_100RB+100RB\_18700+18898\_PCC:100RB@0\_SCC:100RB@0



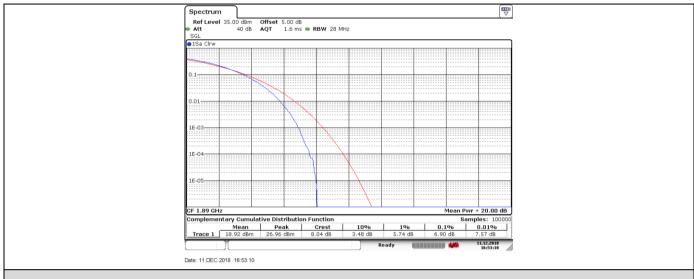
### CA\_2C\_16QAM\_100RB+100RB\_18801+18999\_PCC:100RB@0\_SCC:100RB@0



CA\_2C\_16QAM\_100RB+100RB\_18902+19100\_PCC:100RB@0\_SCC:100RB@0

Report No.: HR/2018/C000201

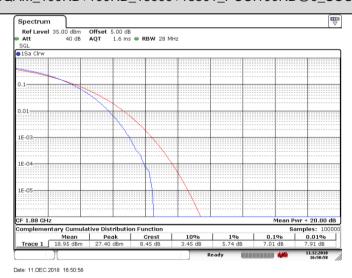
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### CA\_2C\_16QAM\_100RB+100RB\_18898+18700\_PCC:100RB@0\_SCC:100RB@0



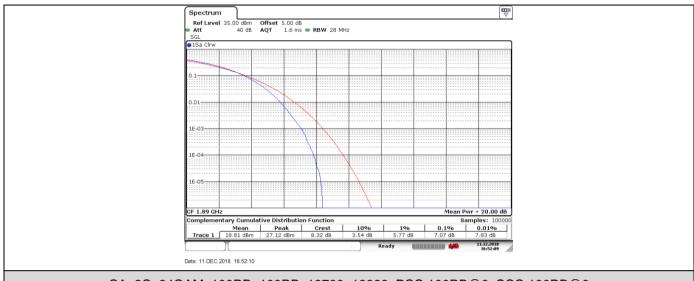
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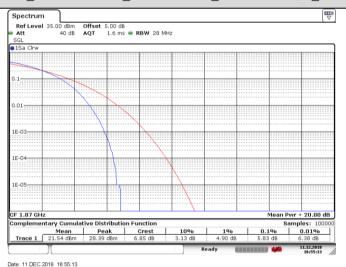
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### CA\_2C\_64QAM\_100RB+100RB\_18700+18898\_PCC:100RB@0\_SCC:100RB@0



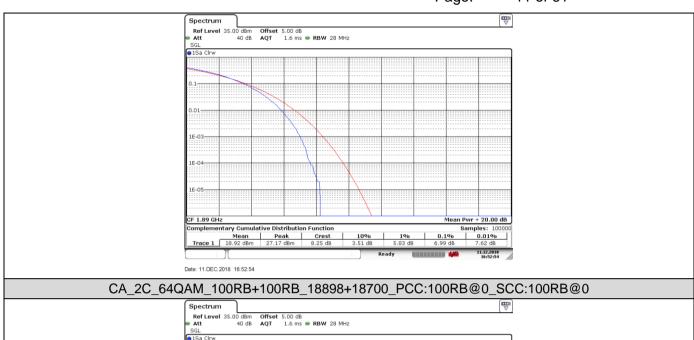
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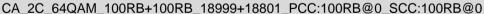
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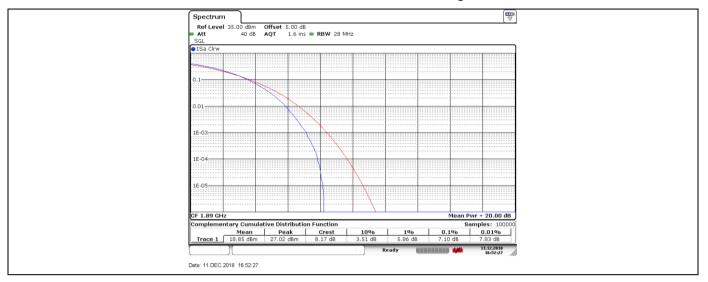




CA\_2C\_64QAM\_100RB+100RB\_19100+18902\_PCC:100RB@0\_SCC:100RB@0

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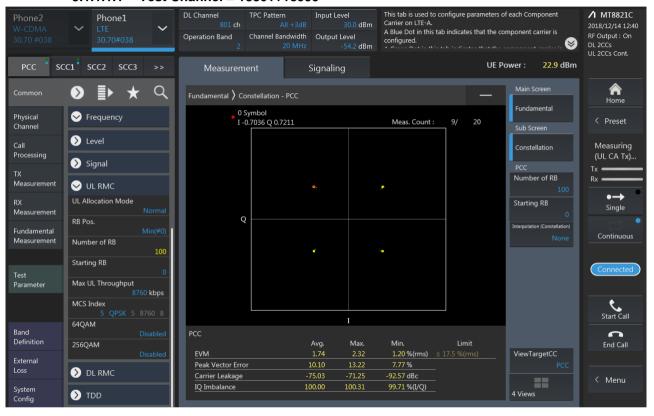
### 3 Modulation Characteristics

### 3.1 For LTE

3.1.1 Test Band = LTE Band CA 2C

### 3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 18801+18999



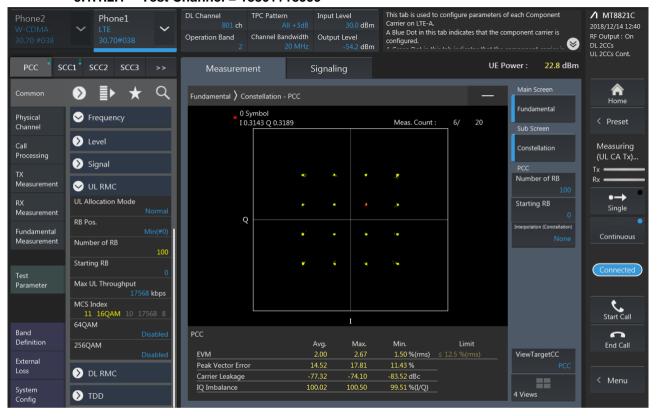


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#### 3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

#### 3.1.1.2.1 Test Channel = 18801+18999



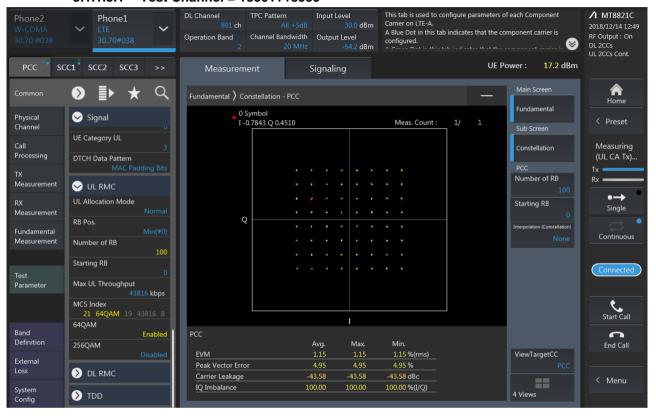


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#### 3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

#### 3.1.1.3.1 Test Channel = 18801+18999



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### 4 Bandwidth

Test Band	Modulation	Test Mode	Test Channel	PCC RB	SCC RB	OBW	EBW [MHz]	Verdict
	PCC&SCC	PCC/SCC	PCC/SCC	400DD@0	25RB@0	[MHz]		DACC
CA_2C	QPSK QPSK	100RB+25RB	18700+18817	100RB@0		22.88	24.27	PASS
CA_2C		100RB+25RB	18875+18992	100RB@0	25RB@0	22.79	24.14	PASS
CA_2C	QPSK	100RB+25RB	19050+19167	100RB@0	25RB@0	22.93	24.28	PASS
CA_2C	QPSK	25RB+100RB	18817+18700	25RB@0	100RB@0	22.88	23.96	PASS
CA_2C	QPSK	25RB+100RB	18992+18875	25RB@0	100RB@0	22.84	23.78	PASS
CA_2C	QPSK	25RB+100RB	19167+19050	25RB@0	100RB@0	22.88	23.92	PASS
CA_2C	16QAM	100RB+25RB	18700+18817	100RB@0	25RB@0	22.82	24.19	PASS
CA_2C	16QAM	100RB+25RB	18875+18992	100RB@0	25RB@0	22.79	24.05	PASS
CA_2C	16QAM	100RB+25RB	19050+19167	100RB@0	25RB@0	22.88	24.14	PASS
CA_2C	16QAM	25RB+100RB	18817+18700	25RB@0	100RB@0	22.84	23.83	PASS
CA_2C	16QAM	25RB+100RB	18992+18875	25RB@0	100RB@0	22.79	23.78	PASS
CA_2C	16QAM	25RB+100RB	19167+19050	25RB@0	100RB@0	22.88	23.96	PASS
CA_2C	64QAM	100RB+25RB	18700+18817	100RB@0	25RB@0	22.84	24.19	PASS
CA_2C	64QAM	100RB+25RB	18875+18992	100RB@0	25RB@0	22.84	24.14	PASS
CA_2C	64QAM	100RB+25RB	19050+19167	100RB@0	25RB@0	22.88	24.19	PASS
CA_2C	64QAM	25RB+100RB	18817+18700	25RB@0	100RB@0	22.84	23.92	PASS
CA_2C	64QAM	25RB+100RB	18992+18875	25RB@0	100RB@0	22.75	23.78	PASS
CA_2C	64QAM	25RB+100RB	19167+19050	25RB@0	100RB@0	22.84	23.96	PASS
CA_2C	QPSK	100RB+100RB	18700+18898	100RB@0	100RB@0	37.64	39.74	PASS
CA_2C	QPSK	100RB+100RB	18801+18999	100RB@0	100RB@0	37.52	39.68	PASS
CA_2C	QPSK	100RB+100RB	18902+19100	100RB@0	100RB@0	37.42	39.68	PASS
CA_2C	QPSK	100RB+100RB	18898+18700	100RB@0	100RB@0	37.58	39.68	PASS
CA_2C	QPSK	100RB+100RB	18999+18801	100RB@0	100RB@0	37.52	39.74	PASS
CA_2C	QPSK	100RB+100RB	19100+18902	100RB@0	100RB@0	37.58	39.74	PASS
CA_2C	16QAM	100RB+100RB	18700+18898	100RB@0	100RB@0	37.64	39.74	PASS
CA_2C	16QAM	100RB+100RB	18801+18999	100RB@0	100RB@0	37.40	39.68	PASS
CA_2C	16QAM	100RB+100RB	18902+19100	100RB@0	100RB@0	37.46	39.62	PASS
CA_2C	16QAM	100RB+100RB	18898+18700	100RB@0	100RB@0	37.58	39.74	PASS
CA_2C	16QAM	100RB+100RB	18999+18801	100RB@0	100RB@0	37.52	39.62	PASS
CA_2C	16QAM	100RB+100RB	19100+18902	100RB@0	100RB@0	37.58	39.74	PASS
CA_2C	64QAM	100RB+100RB	18700+18898	100RB@0	100RB@0	37.64	39.74	PASS
CA_2C	64QAM	100RB+100RB	18801+18999	100RB@0	100RB@0	37.52	39.69	PASS
CA_2C	64QAM	100RB+100RB	18902+19100	100RB@0	100RB@0	37.46	39.56	PASS
CA_2C	64QAM	100RB+100RB	18898+18700	100RB@0	100RB@0	37.58	39.68	PASS
CA_2C	64QAM	100RB+100RB	18999+18801	100RB@0	100RB@0	37.52	39.62	PASS

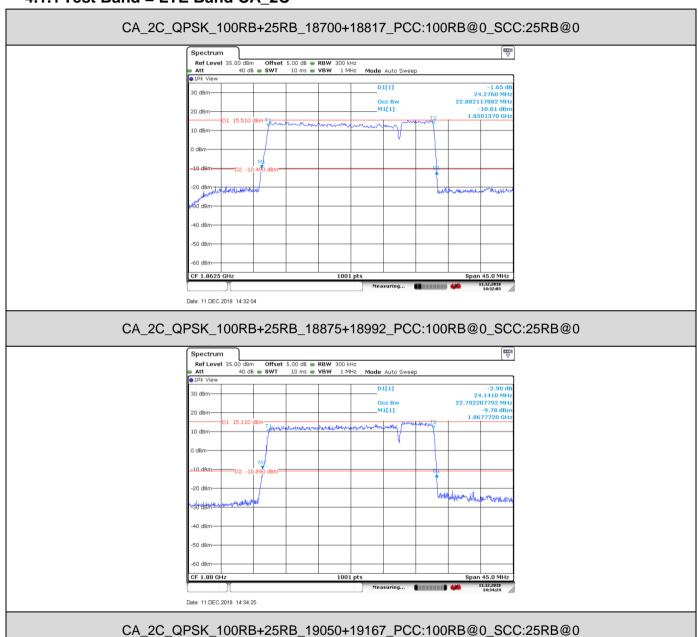
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Test Band	Modulation PCC&SCC	Test Mode PCC/SCC	Test Channel PCC/SCC	PCC RB	SCC RB	OBW [MHz]	EBW [MHz]	Verdict
CA_2C	64QAM	100RB+100RB	19100+18902	100RB@0	100RB@0	37.52	39.80	PASS

### 4.1 For LTE

### 4.1.1 Test Band = LTE Band CA 2C

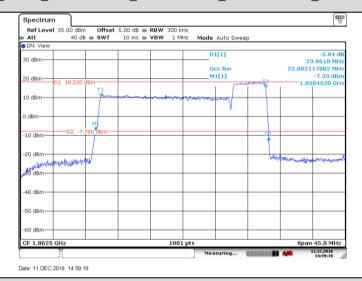


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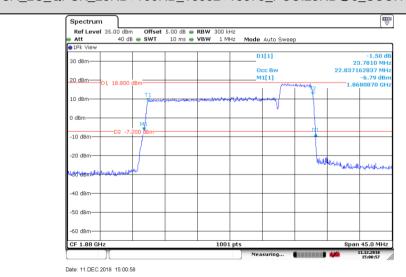
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#### CA\_2C\_QPSK\_25RB+100RB\_18817+18700\_PCC:25RB@0\_SCC:100RB@0



#### CA\_2C\_QPSK\_25RB+100RB\_18992+18875\_PCC:25RB@0\_SCC:100RB@0

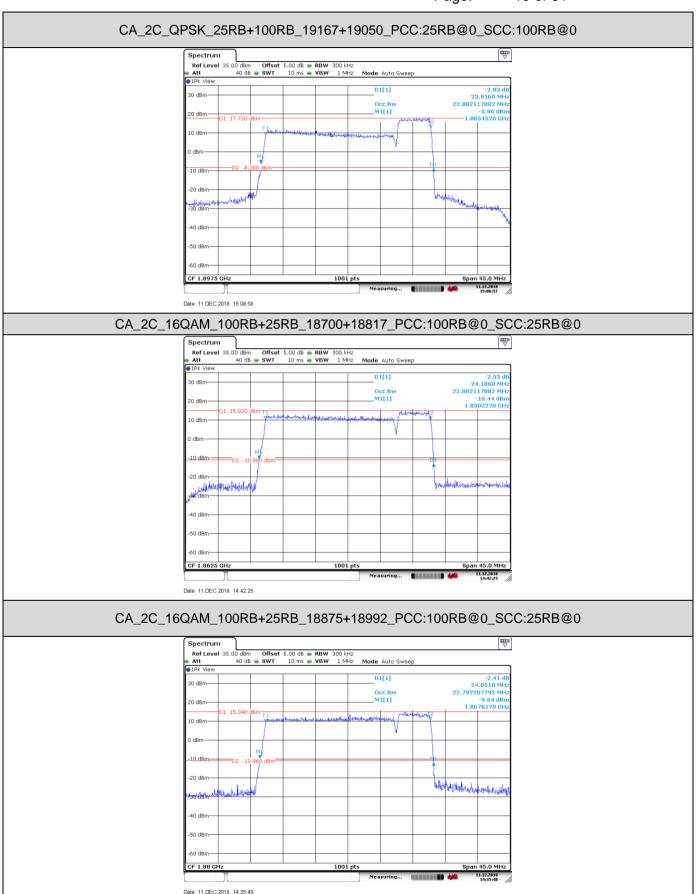


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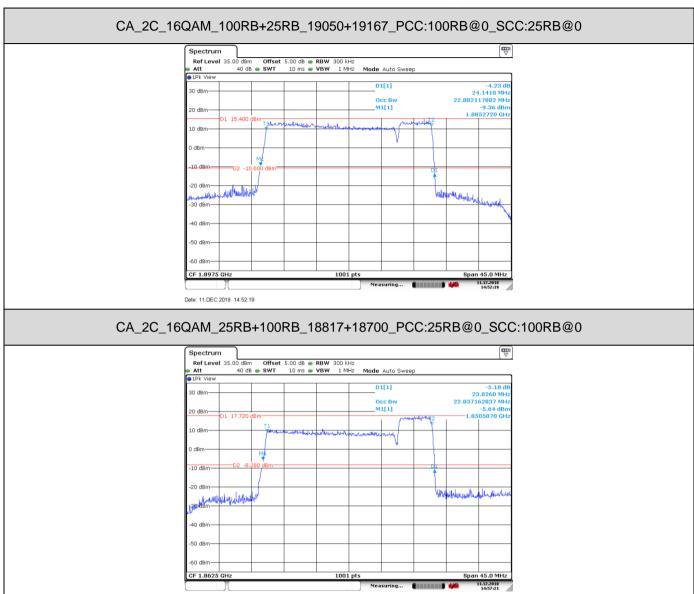
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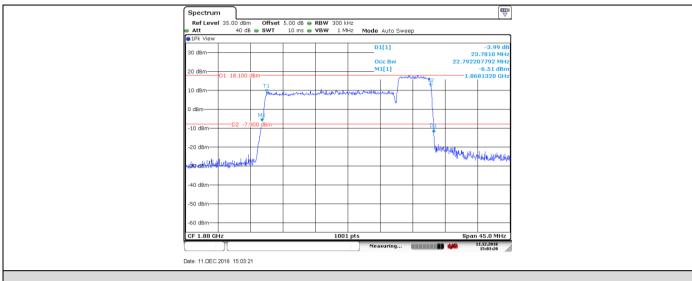
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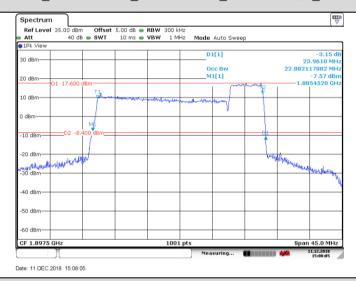
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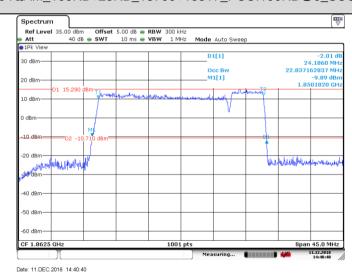
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#### CA\_2C\_16QAM\_25RB+100RB\_19167+19050\_PCC:25RB@0\_SCC:100RB@0



### CA\_2C\_64QAM\_100RB+25RB\_18700+18817\_PCC:100RB@0\_SCC:25RB@0

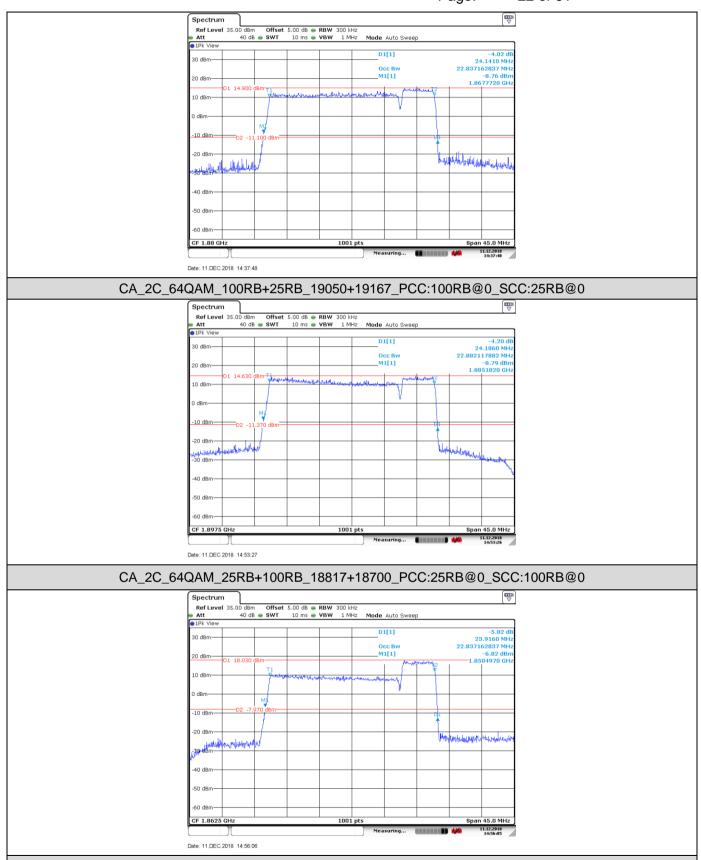


CA\_2C\_64QAM\_100RB+25RB\_18875+18992\_PCC:100RB@0\_SCC:25RB@0

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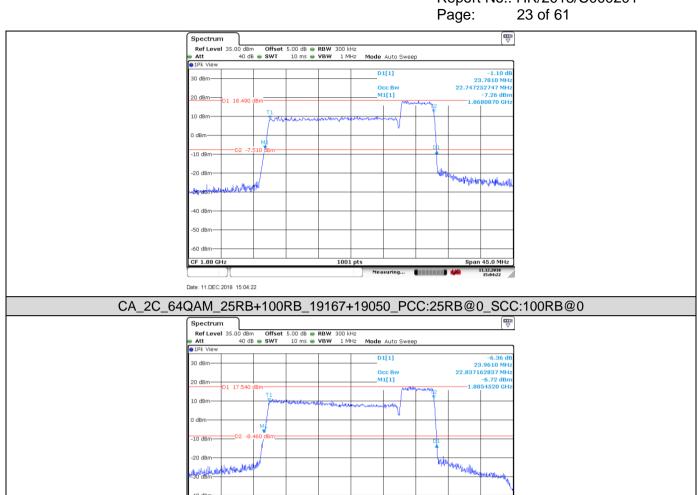
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CA 2C 64QAM 25RB+100RB 18992+18875 PCC:25RB@0 SCC:100RB@0

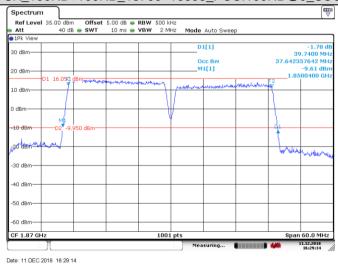
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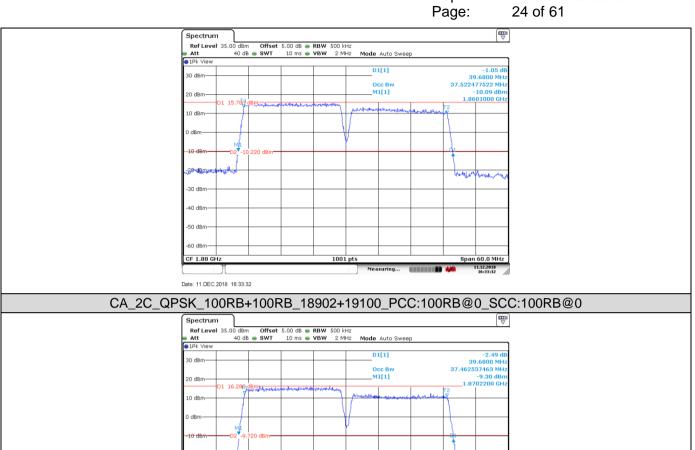
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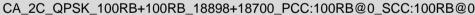
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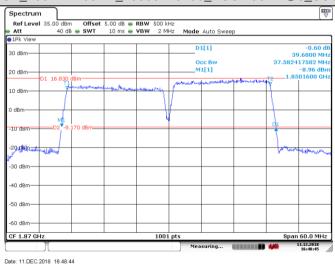
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1001 pts

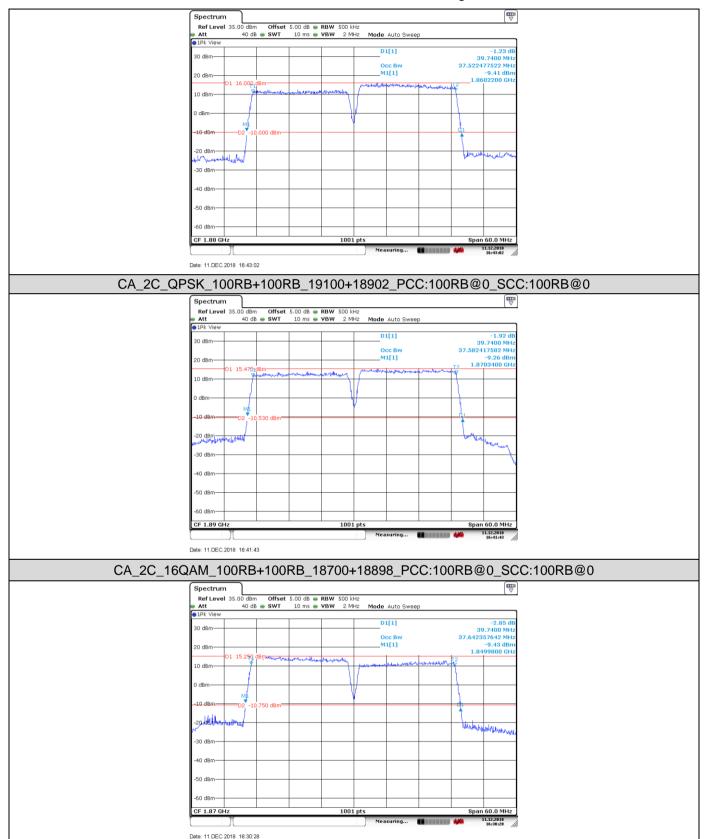
CF 1.89 GHz



CA\_2C\_QPSK\_100RB+100RB\_18999+18801\_PCC:100RB@0\_SCC:100RB@0

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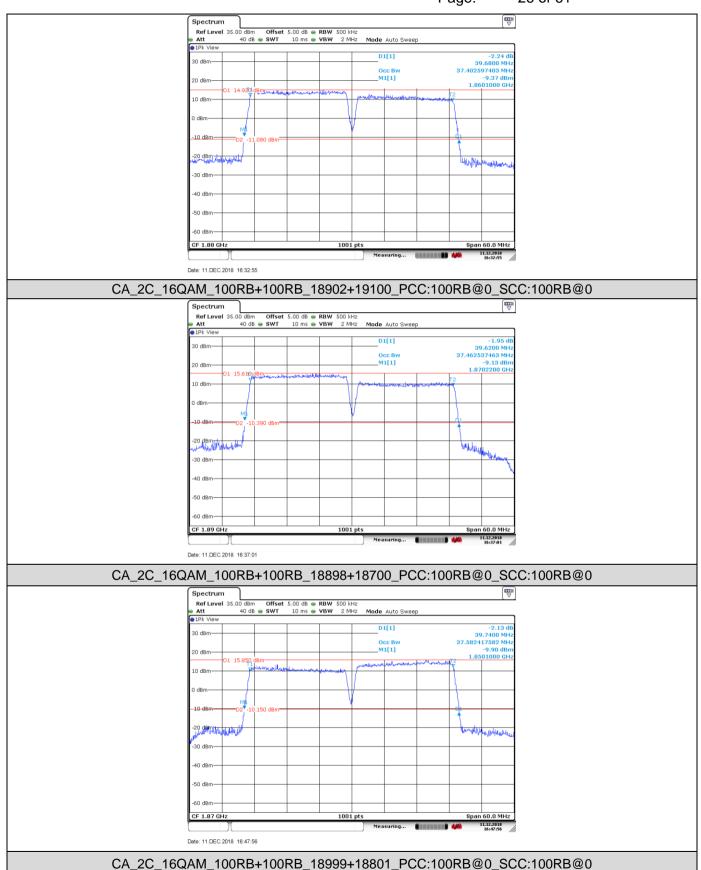


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CA\_2C\_16QAM\_100RB+100RB\_18801+18999\_PCC:100RB@0\_SCC:100RB@0

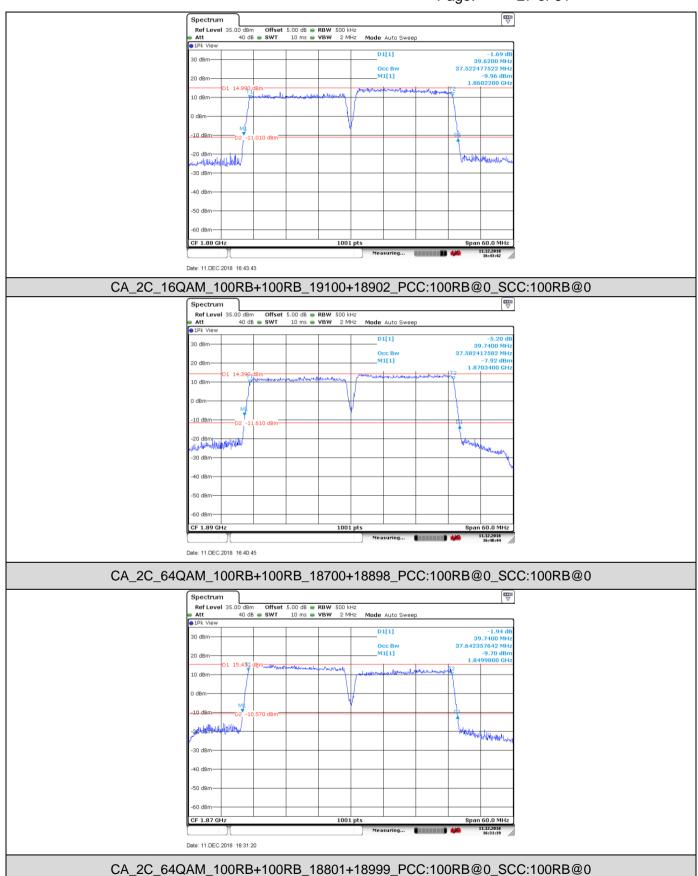
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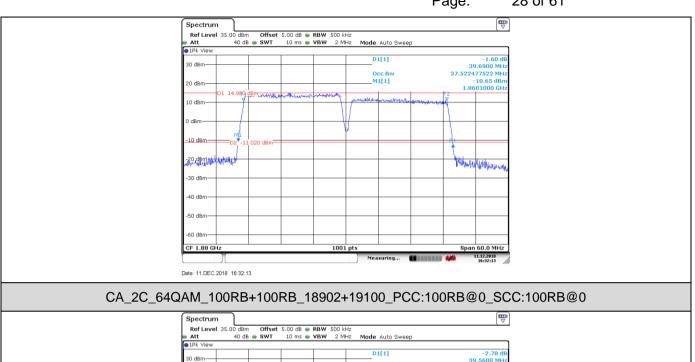
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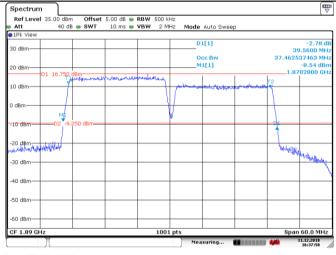
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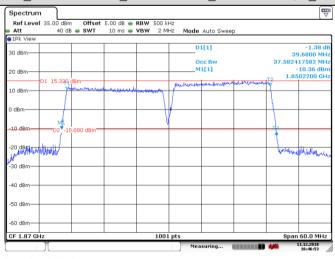
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#### CA\_2C\_64QAM\_100RB+100RB\_18898+18700\_PCC:100RB@0\_SCC:100RB@0

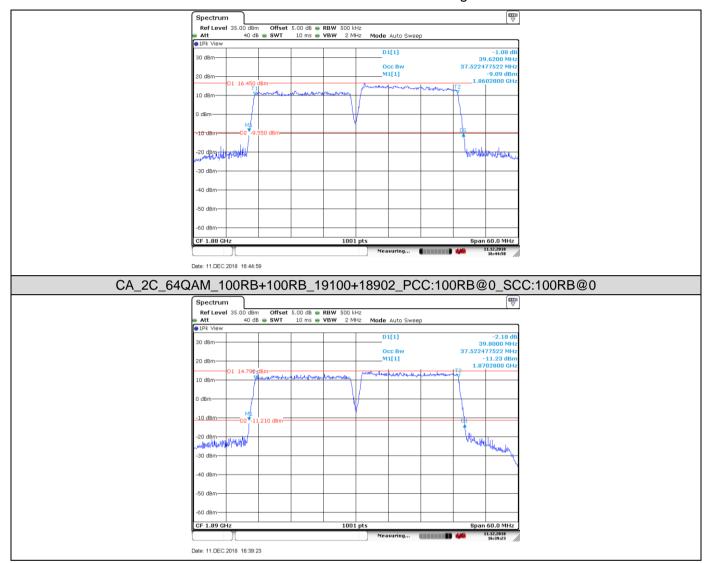


CA\_2C\_64QAM\_100RB+100RB\_18999+18801\_PCC:100RB@0\_SCC:100RB@0

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### 5 Band Edges Compliance

### 5.1 For LTE

### 5.1.1 Test Band = LTE Band CA\_2C

