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# Appendix B

#### **E-UTRA BAND 5**



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#### 1. Effective (Isotropic) Radiated Power

#### 1.1.Test Result

BAND	AND Bandwidth Modulation C		Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
BAND5	1.4MHz	QPSK	20407	1RB#0	22.87	19.72	38.45	PASS
BAND5	1.4MHz	QPSK	20407	1RB#2	22.83	19.68	38.45	PASS
BAND5	1.4MHz	QPSK	20407	1RB#5	22.79	19.64	38.45	PASS
BAND5	1.4MHz	QPSK	20407	3RB#0	23.03	19.88	38.45	PASS
BAND5	1.4MHz	QPSK	20407	3RB#1	23.13	19.98	38.45	PASS
BAND5	1.4MHz	QPSK	20407	3RB#3	23.02	19.87	38.45	PASS
BAND5	1.4MHz	QPSK	20407	6RB#0	21.99	18.84	38.45	PASS
BAND5	1.4MHz	QPSK	20525	1RB#0	22.98	19.83	38.45	PASS
BAND5	1.4MHz	QPSK	20525	1RB#2	22.99	19.84	38.45	PASS
BAND5	1.4MHz	QPSK	20525	1RB#5	23.09	19.94	38.45	PASS
BAND5	1.4MHz	QPSK	20525	3RB#0	22.97	19.82	38.45	PASS
BAND5	1.4MHz	QPSK	20525	3RB#1	23.01	19.86	38.45	PASS
BAND5	1.4MHz	QPSK	20525	3RB#3	23.06	19.91	38.45	PASS
BAND5	1.4MHz	QPSK	20525	6RB#0	22.16	19.01	38.45	PASS
BAND5	1.4MHz	QPSK	20643	1RB#0	22.87	19.72	38.45	PASS
BAND5	1.4MHz	QPSK	20643	1RB#2	22.93	19.78	38.45	PASS
BAND5	1.4MHz	QPSK	20643	1RB#5	22.90	19.75	38.45	PASS
BAND5	1.4MHz	QPSK	20643	3RB#0	22.93	19.78	38.45	PASS
BAND5	1.4MHz	QPSK	20643	3RB#1	22.83	19.68	38.45	PASS
BAND5	1.4MHz	QPSK	20643	3RB#3	22.94	19.79	38.45	PASS
BAND5	1.4MHz	QPSK	20643	6RB#0	21.96	18.81	38.45	PASS
BAND5	1.4MHz	16QAM	20407	1RB#0	21.89	18.74	38.45	PASS
BAND5	1.4MHz	16QAM	20407	1RB#2	21.97	18.82	38.45	PASS
BAND5	1.4MHz	16QAM	20407	1RB#5	22.17	19.02	38.45	PASS
BAND5	1.4MHz	16QAM	20407	3RB#0	21.99	18.84	38.45	PASS
BAND5	1.4MHz	16QAM	20407	3RB#1	22.31	19.16	38.45	PASS
BAND5	1.4MHz	16QAM	20407	3RB#3	22.01	18.86	38.45	PASS
BAND5	1.4MHz	16QAM	20407	6RB#0	20.71	17.56	38.45	PASS
BAND5	1.4MHz	16QAM	20525	1RB#0	21.91	18.76	38.45	PASS
BAND5	1.4MHz	16QAM	20525	1RB#2	21.94	18.79	38.45	PASS
BAND5	1.4MHz	16QAM	20525	1RB#5	22.24	19.09	38.45	PASS
BAND5	1.4MHz	16QAM	20525	3RB#0	22.31	19.16	38.45	PASS
BAND5	1.4MHz	16QAM	20525	3RB#1	22.13	18.98	38.45	PASS
BAND5	1.4MHz	16QAM	20525	3RB#3	21.85	18.7	38.45	PASS



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		1	n		r			
BAND5	1.4MHz	16QAM	20525	6RB#0	21.20	18.05	38.45	PASS
BAND5	1.4MHz	16QAM	20643	1RB#0	21.77	18.62	38.45	PASS
BAND5	1.4MHz	16QAM	20643	1RB#2	21.92	18.77	38.45	PASS
BAND5	1.4MHz	16QAM	20643	1RB#5	22.12	18.97	38.45	PASS
BAND5	1.4MHz	16QAM	20643	3RB#0	22.17	19.02	38.45	PASS
BAND5	1.4MHz	16QAM	20643	3RB#1	22.36	19.21	38.45	PASS
BAND5	1.4MHz	16QAM	20643	3RB#3	21.97	18.82	38.45	PASS
BAND5	1.4MHz	16QAM	20643	6RB#0	21.00	17.85	38.45	PASS
BAND5	3MHz	QPSK	20415	1RB#0	22.85	19.7	38.45	PASS
BAND5	3MHz	QPSK	20415	1RB#8	22.70	19.55	38.45	PASS
BAND5	3MHz	QPSK	20415	1RB#14	22.89	19.74	38.45	PASS
BAND5	3MHz	QPSK	20415	8RB#0	22.08	18.93	38.45	PASS
BAND5	3MHz	QPSK	20415	8RB#4	21.95	18.8	38.45	PASS
BAND5	3MHz	QPSK	20415	8RB#7	22.03	18.88	38.45	PASS
BAND5	3MHz	QPSK	20415	15RB#0	21.97	18.82	38.45	PASS
BAND5	3MHz	QPSK	20525	1RB#0	22.97	19.82	38.45	PASS
BAND5	3MHz	QPSK	20525	1RB#8	22.76	19.61	38.45	PASS
BAND5	3MHz	QPSK	20525	1RB#14	22.86	19.71	38.45	PASS
BAND5	3MHz	QPSK	20525	8RB#0	21.92	18.77	38.45	PASS
BAND5	3MHz	QPSK	20525	8RB#4	22.01	18.86	38.45	PASS
BAND5	3MHz	QPSK	20525	8RB#7	21.95	18.8	38.45	PASS
BAND5	3MHz	QPSK	20525	15RB#0	21.92	18.77	38.45	PASS
BAND5	3MHz	QPSK	20635	1RB#0	22.96	19.81	38.45	PASS
BAND5	3MHz	QPSK	20635	1RB#8	22.83	19.68	38.45	PASS
BAND5	3MHz	QPSK	20635	1RB#14	22.86	19.71	38.45	PASS
BAND5	3MHz	QPSK	20635	8RB#0	21.96	18.81	38.45	PASS
BAND5	3MHz	QPSK	20635	8RB#4	22.01	18.86	38.45	PASS
BAND5	3MHz	QPSK	20635	8RB#7	21.89	18.74	38.45	PASS
BAND5	3MHz	QPSK	20635	15RB#0	21.86	18.71	38.45	PASS
BAND5	3MHz	16QAM	20415	1RB#0	22.04	18.89	38.45	PASS
BAND5	3MHz	16QAM	20415	1RB#8	22.01	18.86	38.45	PASS
BAND5	3MHz	16QAM	20415	1RB#14	22.07	18.92	38.45	PASS
BAND5	3MHz	16QAM	20415	8RB#0	20.76	17.61	38.45	PASS
BAND5	3MHz	16QAM	20415	8RB#4	20.91	17.76	38.45	PASS
BAND5	3MHz	16QAM	20415	8RB#7	20.81	17.66	38.45	PASS
BAND5	3MHz	16QAM	20415	15RB#0	21.09	17.94	38.45	PASS
BAND5	3MHz	16QAM	20525	1RB#0	22.03	18.88	38.45	PASS
BAND5	3MHz	16QAM	20525	1RB#8	21.91	18.76	38.45	PASS
BAND5	3MHz	16QAM	20525	1RB#14	22.19	19.04	38.45	PASS
BAND5	3MHz	16QAM	20525	8RB#0	20.94	17.79	38.45	PASS
BAND5	3MHz	16QAM	20525	8RB#4	20.78	17.63	38.45	PASS
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BAND5	3MHz	16QAM	20525	15RB#0	20.96	17.81	38.45	PASS
BAND5	3MHz	16QAM	20635	1RB#0	22.26	19.11	38.45	PASS
BAND5	3MHz	16QAM	20635	1RB#8	21.98	18.83	38.45	PASS
BAND5	3MHz	16QAM	20635	1RB#14	21.80	18.65	38.45	PASS
BAND5	3MHz	16QAM	20635	8RB#0	20.92	17.77	38.45	PASS
BAND5	3MHz	16QAM	20635	8RB#4	21.10	17.95	38.45	PASS
BAND5	3MHz	16QAM	20635	8RB#7	20.76	17.61	38.45	PASS
BAND5	3MHz	16QAM	20635	15RB#0	20.98	17.83	38.45	PASS
BAND5	5MHz	QPSK	20425	1RB#0	22.90	19.75	38.45	PASS
BAND5	5MHz	QPSK	20425	1RB#12	22.63	19.48	38.45	PASS
BAND5	5MHz	QPSK	20425	1RB#24	22.88	19.73	38.45	PASS
BAND5	5MHz	QPSK	20425	12RB#0	21.97	18.82	38.45	PASS
BAND5	5MHz	QPSK	20425	12RB#6	22.03	18.88	38.45	PASS
BAND5	5MHz	QPSK	20425	12RB#13	22.06	18.91	38.45	PASS
BAND5	5MHz	QPSK	20425	25RB#0	22.13	18.98	38.45	PASS
BAND5	5MHz	QPSK	20525	1RB#0	23.12	19.97	38.45	PASS
BAND5	5MHz	QPSK	20525	1RB#12	22.90	19.75	38.45	PASS
BAND5	5MHz	QPSK	20525	1RB#24	22.96	19.81	38.45	PASS
BAND5	5MHz	QPSK	20525	12RB#0	22.13	18.98	38.45	PASS
BAND5	5MHz	QPSK	20525	12RB#6	21.95	18.8	38.45	PASS
BAND5	5MHz	QPSK	20525	12RB#13	22.14	18.99	38.45	PASS
BAND5	5MHz	QPSK	20525	25RB#0	22.09	18.94	38.45	PASS
BAND5	5MHz	QPSK	20625	1RB#0	23.02	19.87	38.45	PASS
BAND5	5MHz	QPSK	20625	1RB#12	22.85	19.7	38.45	PASS
BAND5	5MHz	QPSK	20625	1RB#24	23.15	20	38.45	PASS
BAND5	5MHz	QPSK	20625	12RB#0	21.90	18.75	38.45	PASS
BAND5	5MHz	QPSK	20625	12RB#6	21.91	18.76	38.45	PASS
BAND5	5MHz	QPSK	20625	12RB#13	22.13	18.98	38.45	PASS
BAND5	5MHz	QPSK	20625	25RB#0	21.97	18.82	38.45	PASS
BAND5	5MHz	16QAM	20425	1RB#0	22.02	18.87	38.45	PASS
BAND5	5MHz	16QAM	20425	1RB#12	21.93	18.78	38.45	PASS
BAND5	5MHz	16QAM	20425	1RB#24	21.94	18.79	38.45	PASS
BAND5	5MHz	16QAM	20425	12RB#0	20.68	17.53	38.45	PASS
BAND5	5MHz	16QAM	20425	12RB#6	20.92	17.77	38.45	PASS
BAND5	5MHz	16QAM	20425	12RB#13	21.04	17.89	38.45	PASS
BAND5	5MHz	16QAM	20425	25RB#0	20.95	17.8	38.45	PASS
BAND5	5MHz	16QAM	20525	1RB#0	22.26	19.11	38.45	PASS
BAND5	5MHz	16QAM	20525	1RB#12	22.17	19.02	38.45	PASS
BAND5	5MHz	16QAM	20525	1RB#24	22.18	19.03	38.45	PASS



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BANDS         SMHz         IBQAM         20525         12RB#13         20.89         17.74         38.45         PASS           BANDS         5MHz         16QAM         20525         12RB#0         21.11         17.96         38.45         PASS           BANDS         5MHz         16QAM         20625         1RB#0         22.29         19.14         38.45         PASS           BANDS         5MHz         16QAM         20625         1RB#24         22.18         18.73         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         20.89         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#6         20.97         17.82         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#6         20.97         17.74         38.45         PASS           BANDS         10MHz         QPSK         20450         1RB#0         22.96         19.81         38.45         PASS           BANDS         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS <t< th=""><th>BAND5</th><th>5MHz</th><th>16QAM</th><th>20525</th><th>12RB#6</th><th>20.93</th><th>17.78</th><th>38.45</th><th>PASS</th></t<>	BAND5	5MHz	16QAM	20525	12RB#6	20.93	17.78	38.45	PASS
BANDS         5MHz         16QAM         20525         25RB#0         21.11         17.96         38.45         PASS           BANDS         5MHz         16QAM         20625         1RB#0         22.29         19.14         38.45         PASS           BANDS         5MHz         16QAM         20625         1RB#24         21.18         18.73         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         20.99         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         20.97         17.82         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         21.01         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         21.01         17.74         38.45         PASS           BANDS         10MHz         QPSK         20450         1RB#0         22.19         19.85         38.45         PASS           BANDS         10MHz         QPSK         20450         25RB#0         22.19         18.75         38.45         PASS									
BANDS         5MHz         16QAM         20625         1RB#0         22.29         19.14         38.45         PASS           BANDS         5MHz         16QAM         20625         1RB#12         22.11         18.96         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         20.89         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#0         20.99         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         12RB#13         20.89         17.74         38.45         PASS           BANDS         5MHz         16QAM         20625         25RB#0         21.01         17.86         38.45         PASS           BANDS         10MHz         QPSK         20450         1RB#24         23.00         19.81         38.45         PASS           BANDS         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BANDS         10MHz         QPSK         20450         25RB#0         22.81         18.9         38.45         PASS <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
BANDS         SMHz         16QAM         20625         1RB#12         22.11         18.96         38.45         PASS           BAND5         5MHz         16QAM         20625         1RB#24         21.88         18.73         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#0         20.99         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#13         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#0         22.96         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#0         22.96         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           <									
BAND5         5MHz         16QAM         20625         1RB#24         21.88         18.73         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#0         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#1         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         228RB#0         21.01         17.86         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#24         23.00         19.85         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#49         22.81         19.66         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#10         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#40         23.02         19.87         38.45         PASS           <			-						
BANDS         5MHz         16QAM         20625         12RB#0         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#6         20.97         17.82         38.45         PASS           BAND5         5MHz         16QAM         20625         12RB#13         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         25RB#0         21.01         17.86         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#0         22.36         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.05         18.75         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.75         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         22.06         19.81         38.45         PASS <td< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>			-						
BANDS         SMHz         16QAM         20625         12RB#6         20.97         17.82         38.45         PASS           BAND5         SMHz         16QAM         20625         12RB#13         20.89         17.74         38.45         PASS           BAND5         SMHz         16QAM         20625         25RB#0         21.01         17.86         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#24         23.00         19.85         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#44         22.81         19.66         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#25         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#26         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.81         38.45         PASS			-						
BANDS         5MHz         16QAM         20625         12RB#13         20.89         17.74         38.45         PASS           BAND5         5MHz         16QAM         20625         25RB#0         21.01         17.86         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#0         22.96         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#49         22.81         19.66         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         125R#12         22.06         19.11         38.45         PASS           <									
BAND5         SMHz         16QAM         20625         25RB#0         21.01         17.86         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#0         22.96         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#24         23.00         19.85         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         2.008         18.93         38.45         PASS           <									
BAND5         10MHz         QPSK         20450         1RB#0         22.96         19.81         38.45         PASS           BAND5         10MHz         QPSK         20450         1RB#24         23.00         19.85         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#25         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.06         18.93         38.45         PASS <td< td=""><td>BAND5</td><td>5MHz</td><td>16QAM</td><td>20625</td><td>25RB#0</td><td>21.01</td><td>17.86</td><td>38.45</td><td>PASS</td></td<>	BAND5	5MHz	16QAM	20625	25RB#0	21.01	17.86	38.45	PASS
BAND5         10MHz         QPSK         20450         1RB#49         22.81         19.66         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.16         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.8         38.45         PASS	BAND5								
BAND5         10MHz         QPSK         20450         25RB#0         22.38         19.23         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#25         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#25         21.95         18.83         38.45         PASS           BAND5         10MHz         QPSK         20500         1RB#0         23.03         19.88         38.45         PASS           <	BAND5	10MHz	QPSK	20450	1RB#24	23.00	19.85	38.45	PASS
BAND5         10MHz         QPSK         20450         25RB#12         21.97         18.82         38.45         PASS           BAND5         10MHz         QPSK         20450         25RB#25         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.18         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.8         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.11         38.45         PASS	BAND5	10MHz	QPSK	20450	1RB#49	22.81	19.66	38.45	PASS
BAND5         10MHz         QPSK         20450         25RB#25         21.90         18.75         38.45         PASS           BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.13         18.89         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS <td< td=""><td>BAND5</td><td>10MHz</td><td>QPSK</td><td>20450</td><td>25RB#0</td><td>22.38</td><td>19.23</td><td>38.45</td><td>PASS</td></td<>	BAND5	10MHz	QPSK	20450	25RB#0	22.38	19.23	38.45	PASS
BAND5         10MHz         QPSK         20450         50RB#0         22.05         18.9         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#24         23.19         20.04         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.13         18.89         38.45         PASS           BAND5         10MHz         QPSK         20500         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS	BAND5	10MHz	QPSK	20450	25RB#12	21.97	18.82	38.45	PASS
BAND5         10MHz         QPSK         20525         1RB#0         23.02         19.87         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#24         23.19         20.04         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.8         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS	BAND5	10MHz	QPSK	20450	25RB#25	21.90	18.75	38.45	PASS
BAND5         10MHz         QPSK         20525         1RB#24         23.19         20.04         38.45         PASS           BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.13         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           <	BAND5	10MHz	QPSK	20450	50RB#0	22.05	18.9	38.45	PASS
BAND5         10MHz         QPSK         20525         1RB#49         22.99         19.84         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#25         21.95         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           <	BAND5	10MHz	QPSK	20525	1RB#0	23.02	19.87	38.45	PASS
BAND5         10MHz         QPSK         20525         25RB#0         22.26         19.11         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#25         21.95         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.11         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         21.17         18.7         38.45         PASS <td< td=""><td>BAND5</td><td>10MHz</td><td>QPSK</td><td>20525</td><td>1RB#24</td><td>23.19</td><td>20.04</td><td>38.45</td><td>PASS</td></td<>	BAND5	10MHz	QPSK	20525	1RB#24	23.19	20.04	38.45	PASS
BAND5         10MHz         QPSK         20525         25RB#12         22.08         18.93         38.45         PASS           BAND5         10MHz         QPSK         20525         25RB#25         21.95         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         50RB#0         21.99         18.84         38.45         PASS	BAND5	10MHz	QPSK	20525	1RB#49	22.99	19.84	38.45	PASS
BAND5         10MHz         QPSK         20525         25RB#25         21.95         18.8         38.45         PASS           BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.12         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         50RB#0         21.99         18.84         38.45         PASS <t< td=""><td>BAND5</td><td>10MHz</td><td>QPSK</td><td>20525</td><td>25RB#0</td><td>22.26</td><td>19.11</td><td>38.45</td><td>PASS</td></t<>	BAND5	10MHz	QPSK	20525	25RB#0	22.26	19.11	38.45	PASS
BAND5         10MHz         QPSK         20525         50RB#0         22.13         18.98         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         50RB#0         21.99         18.84         38.45         PASS           BAND5         10MHz         16QAM         20450         1RB#0         22.12         18.97         38.45         PASS <t< td=""><td>BAND5</td><td>10MHz</td><td>QPSK</td><td>20525</td><td>25RB#12</td><td>22.08</td><td>18.93</td><td>38.45</td><td>PASS</td></t<>	BAND5	10MHz	QPSK	20525	25RB#12	22.08	18.93	38.45	PASS
BAND5         10MHz         QPSK         20600         1RB#0         23.03         19.88         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#25         21.78         18.63         38.45         PASS           BAND5         10MHz         QPSK         20600         50RB#0         21.99         18.84         38.45         PASS           BAND5         10MHz         16QAM         20450         1RB#0         22.07         18.92         38.45         PASS           <	BAND5	10MHz	QPSK	20525	25RB#25	21.95	18.8	38.45	PASS
BAND5         10MHz         QPSK         20600         1RB#24         23.06         19.91         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#49         22.64         19.49         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#0         22.21         19.06         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#12         21.92         18.77         38.45         PASS           BAND5         10MHz         QPSK         20600         25RB#25         21.78         18.63         38.45         PASS           BAND5         10MHz         QPSK         20600         50RB#0         21.99         18.84         38.45         PASS           BAND5         10MHz         QPSK         20600         1RB#0         22.12         18.97         38.45         PASS           BAND5         10MHz         16QAM         20450         1RB#0         22.07         18.92         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#12         21.10         17.95         38.45         PASS	BAND5	10MHz	QPSK	20525	50RB#0	22.13	18.98	38.45	PASS
BAND510MHzQPSK206001RB#4922.6419.4938.45PASSBAND510MHzQPSK2060025RB#022.2119.0638.45PASSBAND510MHzQPSK2060025RB#1221.9218.7738.45PASSBAND510MHzQPSK2060025RB#2521.7818.6338.45PASSBAND510MHzQPSK2060025RB#2521.7818.6338.45PASSBAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND	BAND5	10MHz	QPSK	20600	1RB#0	23.03	19.88	38.45	PASS
BAND510MHzQPSK2060025RB#022.2119.0638.45PASSBAND510MHzQPSK2060025RB#1221.9218.7738.45PASSBAND510MHzQPSK2060025RB#2521.7818.6338.45PASSBAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.0717.9238.45PASSBAND510MHz16QAM2045025RB#1221.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND5	BAND5	10MHz	QPSK	20600	1RB#24	23.06	19.91	38.45	PASS
BAND510MHzQPSK2060025RB#1221.9218.7738.45PASSBAND510MHzQPSK2060025RB#2521.7818.6338.45PASSBAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHzQPSK2060050RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND5<	BAND5	10MHz	QPSK	20600	1RB#49	22.64	19.49	38.45	PASS
BAND510MHzQPSK2060025RB#2521.7818.6338.45PASSBAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND5	BAND5	10MHz	QPSK	20600	25RB#0	22.21	19.06	38.45	PASS
BAND510MHzQPSK2060050RB#021.9918.8438.45PASSBAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#4922.3819.2338.45PASS <td>BAND5</td> <td>10MHz</td> <td>QPSK</td> <td>20600</td> <td>25RB#12</td> <td>21.92</td> <td>18.77</td> <td>38.45</td> <td>PASS</td>	BAND5	10MHz	QPSK	20600	25RB#12	21.92	18.77	38.45	PASS
BAND510MHz16QAM204501RB#022.1218.9738.45PASSBAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#4922.3819.2338.45PASSBAND510MHz16QAM205251RB#4922.3819.2338.45PASS	BAND5	10MHz	QPSK	20600	25RB#25	21.78	18.63	38.45	PASS
BAND510MHz16QAM204501RB#2422.0718.9238.45PASSBAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#4922.3819.2338.45PASS	BAND5	10MHz	QPSK	20600	50RB#0	21.99	18.84	38.45	PASS
BAND510MHz16QAM204501RB#4922.0718.9238.45PASSBAND510MHz16QAM2045025RB#021.1017.9538.45PASSBAND510MHz16QAM2045025RB#1221.1017.9538.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045025RB#2520.9217.7738.45PASSBAND510MHz16QAM2045050RB#021.0717.9238.45PASSBAND510MHz16QAM205251RB#022.0918.9438.45PASSBAND510MHz16QAM205251RB#2422.1919.0438.45PASSBAND510MHz16QAM205251RB#4922.3819.2338.45PASS	BAND5	10MHz	16QAM	20450	1RB#0	22.12	18.97	38.45	PASS
BAND5         10MHz         16QAM         20450         25RB#0         21.10         17.95         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#12         21.10         17.95         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#12         21.10         17.95         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#25         20.92         17.77         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#0         21.07         17.92         38.45         PASS           BAND5         10MHz         16QAM         20450         50RB#0         21.07         17.92         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	1RB#24	22.07	18.92	38.45	PASS
BAND5         10MHz         16QAM         20450         25RB#12         21.10         17.95         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#25         20.92         17.77         38.45         PASS           BAND5         10MHz         16QAM         20450         25RB#25         20.92         17.77         38.45         PASS           BAND5         10MHz         16QAM         20450         50RB#0         21.07         17.92         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	1RB#49	22.07	18.92	38.45	PASS
BAND5         10MHz         16QAM         20450         25RB#25         20.92         17.77         38.45         PASS           BAND5         10MHz         16QAM         20450         50RB#0         21.07         17.92         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	25RB#0	21.10	17.95	38.45	PASS
BAND5         10MHz         16QAM         20450         50RB#0         21.07         17.92         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	25RB#12	21.10	17.95	38.45	PASS
BAND5         10MHz         16QAM         20525         1RB#0         22.09         18.94         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	25RB#25	20.92	17.77	38.45	PASS
BAND5         10MHz         16QAM         20525         1RB#24         22.19         19.04         38.45         PASS           BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20450	50RB#0	21.07	17.92	38.45	PASS
BAND5         10MHz         16QAM         20525         1RB#49         22.38         19.23         38.45         PASS	BAND5	10MHz	16QAM	20525	1RB#0	22.09	18.94	38.45	PASS
	BAND5	10MHz	16QAM	20525	1RB#24	22.19	19.04	38.45	PASS



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BAND5	10MHz	16QAM	20525	25RB#0	21.07	17.92	38.45	PASS
BAND5	10MHz	16QAM	20525	25RB#12	21.05	17.9	38.45	PASS
BAND5	10MHz	16QAM	20525	25RB#25	20.99	17.84	38.45	PASS
BAND5	10MHz	16QAM	20525	50RB#0	20.95	17.8	38.45	PASS
BAND5	10MHz	16QAM	20600	1RB#0	22.48	19.33	38.45	PASS
BAND5	10MHz	16QAM	20600	1RB#24	22.12	18.97	38.45	PASS
BAND5	10MHz	16QAM	20600	1RB#49	21.70	18.55	38.45	PASS
BAND5	10MHz	16QAM	20600	25RB#0	20.85	17.7	38.45	PASS
BAND5	10MHz	16QAM	20600	25RB#12	20.84	17.69	38.45	PASS
BAND5	10MHz	16QAM	20600	25RB#25	21.01	17.86	38.45	PASS
BAND5	10MHz	16QAM	20600	50RB#0	21.03	17.88	38.45	PASS

Note:

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

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

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

b: SGP=Signal Generator Level



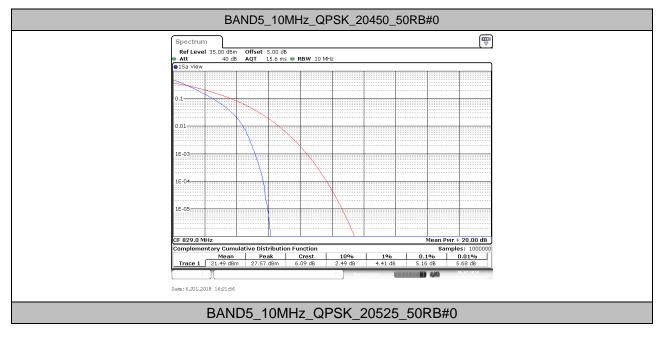
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#### 2. Peak-to-Average Ratio(CCDF)

#### 2.1.Test Result

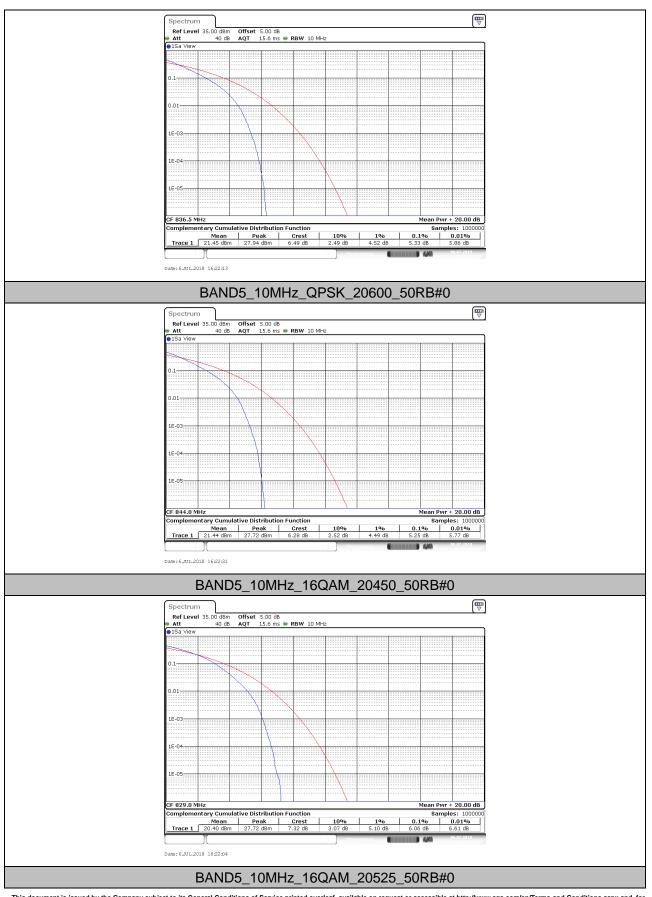
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND5	10MHz	QPSK	20450	50RB#0	5.16	13	PASS
BAND5	10MHz	QPSK	20525	50RB#0	5.33	13	PASS
BAND5	10MHz	QPSK	20600	50RB#0	5.25	13	PASS
BAND5	10MHz	16QAM	20450	50RB#0	6.06	13	PASS
BAND5	10MHz	16QAM	20525	50RB#0	6.14	13	PASS
BAND5	10MHz	16QAM	20600	50RB#0	6.20	13	PASS

#### 2.2. Test Plots



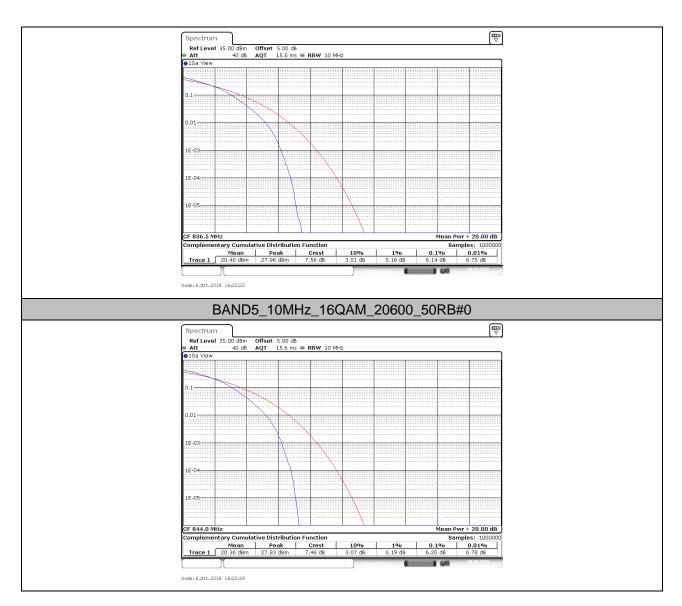


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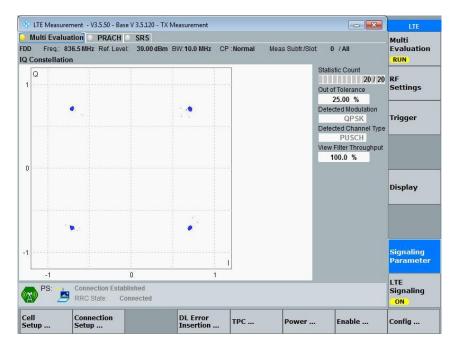
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- 3. Modulation Characteristics
- 3.1.Test BAND = LTE BAND5
- 3.1.1. Test Mode = LTE /TM1 10MHz
- 3.1.1.1. Test Channel = MCH

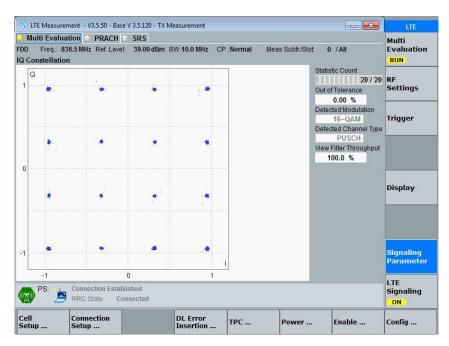




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#### 3.1.2. Test Mode = LTE /TM2 10MHz

#### 3.1.2.1. Test Channel = MCH





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#### 4. 26dB Bandwidth and Occupied Bandwidth

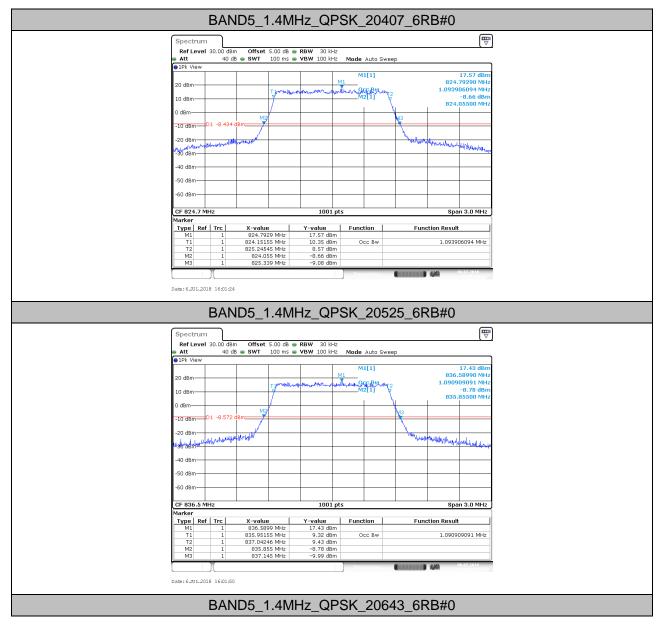
#### 4.1.Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND5	1.4MHz	QPSK	20407	6RB#0	1.094	1.284	PASS
BAND5	1.4MHz	QPSK	20525	6RB#0	1.091	1.290	PASS
BAND5	1.4MHz	QPSK	20643	6RB#0	1.094	1.293	PASS
BAND5	1.4MHz	16QAM	20407	6RB#0	1.091	1.284	PASS
BAND5	1.4MHz	16QAM	20525	6RB#0	1.091	1.284	PASS
BAND5	1.4MHz	16QAM	20643	6RB#0	1.091	1.281	PASS
BAND5	3MHz	QPSK	20415	15RB#0	2.703	2.994	PASS
BAND5	3MHz	QPSK	20525	15RB#0	2.697	2.988	PASS
BAND5	3MHz	QPSK	20635	15RB#0	2.703	3.000	PASS
BAND5	3MHz	16QAM	20415	15RB#0	2.685	2.970	PASS
BAND5	3MHz	16QAM	20525	15RB#0	2.691	2.970	PASS
BAND5	3MHz	16QAM	20635	15RB#0	2.691	2.982	PASS
BAND5	5MHz	QPSK	20425	25RB#0	4.486	4.910	PASS
BAND5	5MHz	QPSK	20525	25RB#0	4.476	4.950	PASS
BAND5	5MHz	QPSK	20625	25RB#0	4.476	4.920	PASS
BAND5	5MHz	16QAM	20425	25RB#0	4.496	4.950	PASS
BAND5	5MHz	16QAM	20525	25RB#0	4.496	4.970	PASS
BAND5	5MHz	16QAM	20625	25RB#0	4.486	4.960	PASS
BAND5	10MHz	QPSK	20450	50RB#0	8.911	9.740	PASS
BAND5	10MHz	QPSK	20525	50RB#0	8.931	9.800	PASS
BAND5	10MHz	QPSK	20600	50RB#0	8.931	9.720	PASS
BAND5	10MHz	16QAM	20450	50RB#0	8.911	9.740	PASS
BAND5	10MHz	16QAM	20525	50RB#0	8.931	9.780	PASS
BAND5	10MHz	16QAM	20600	50RB#0	8.911	9.720	PASS



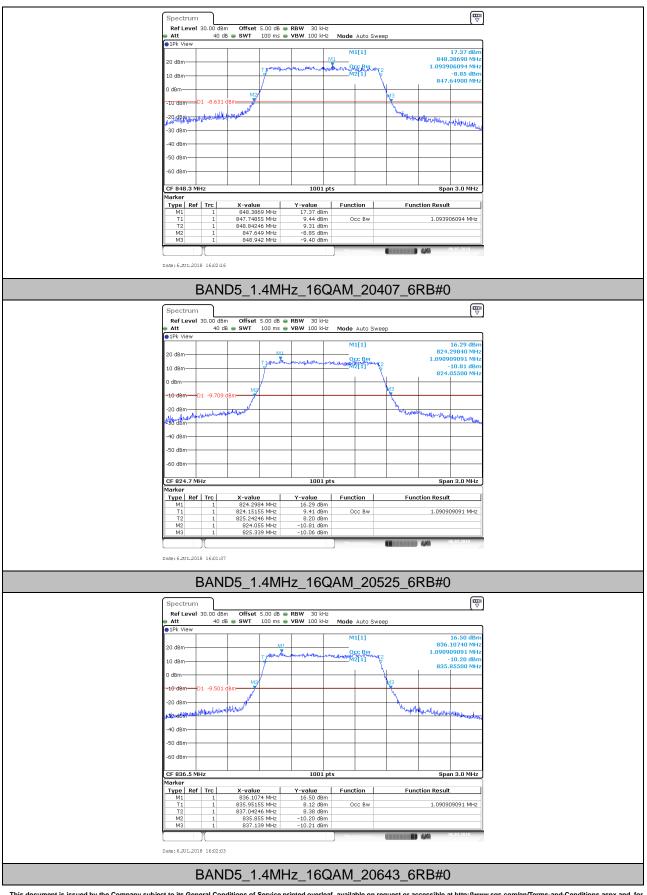
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#### 4.2. Test Plots



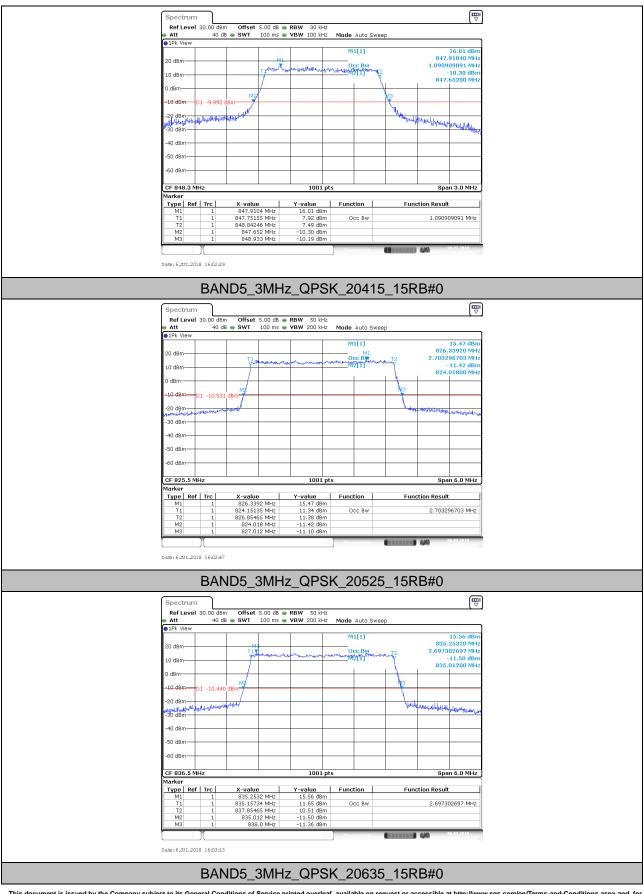


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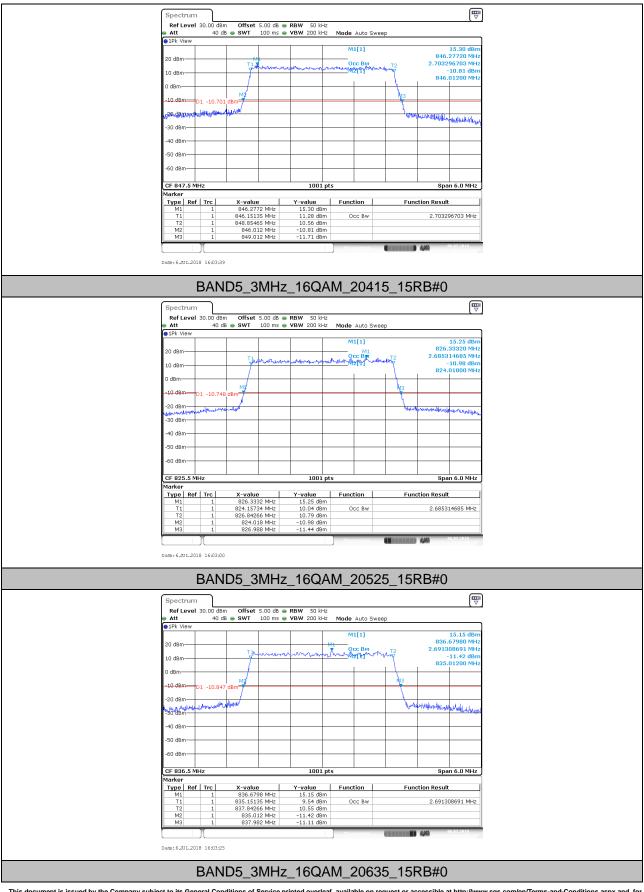


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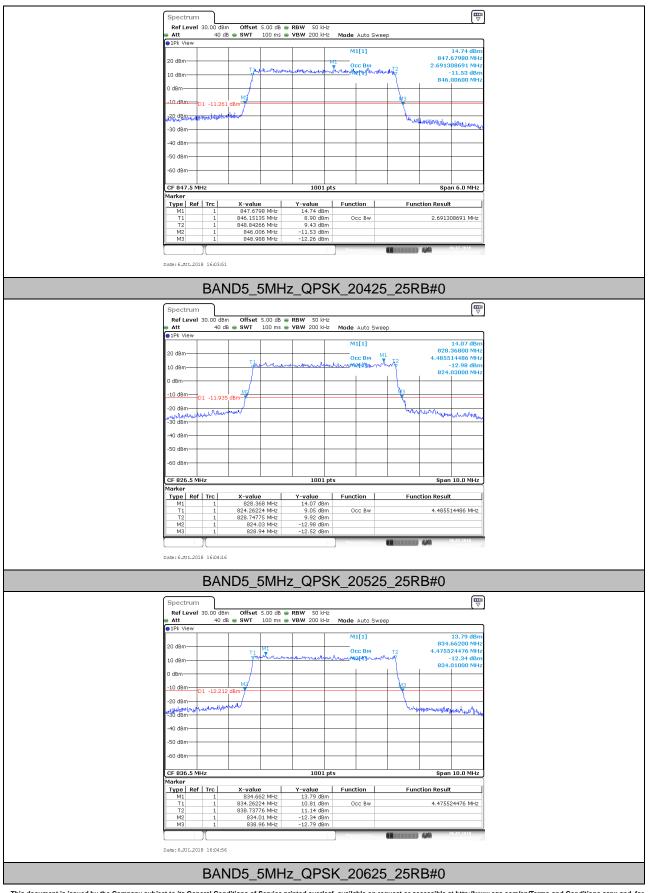


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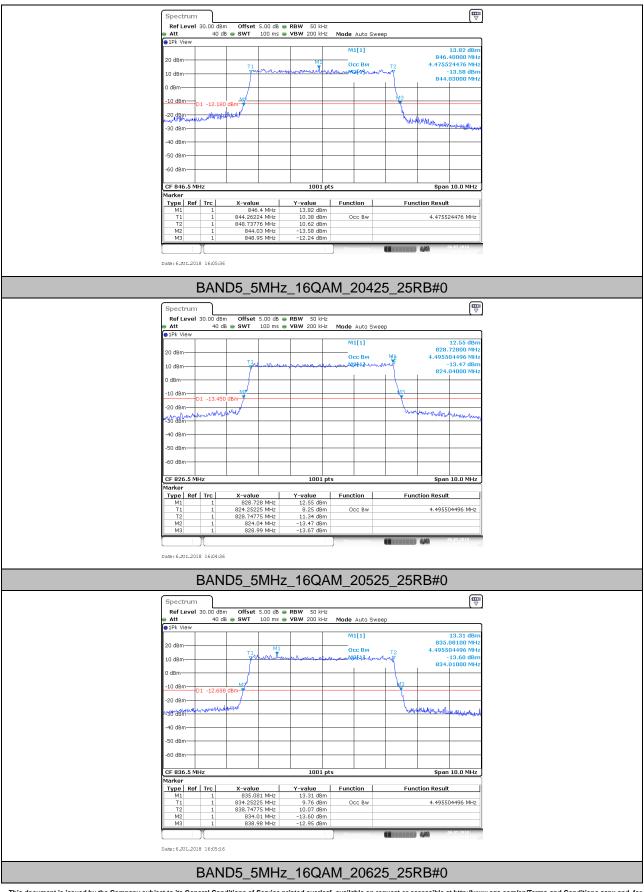


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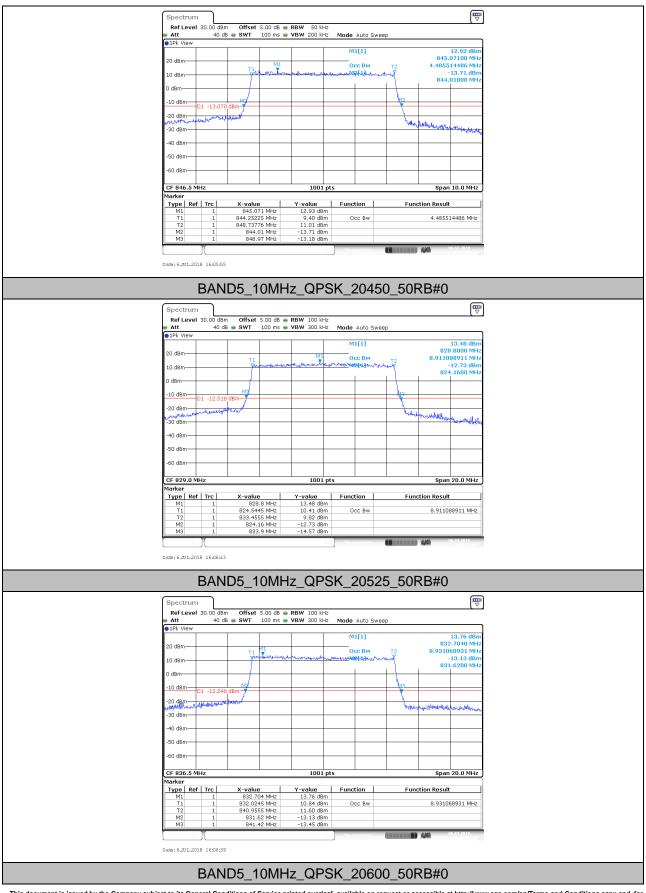


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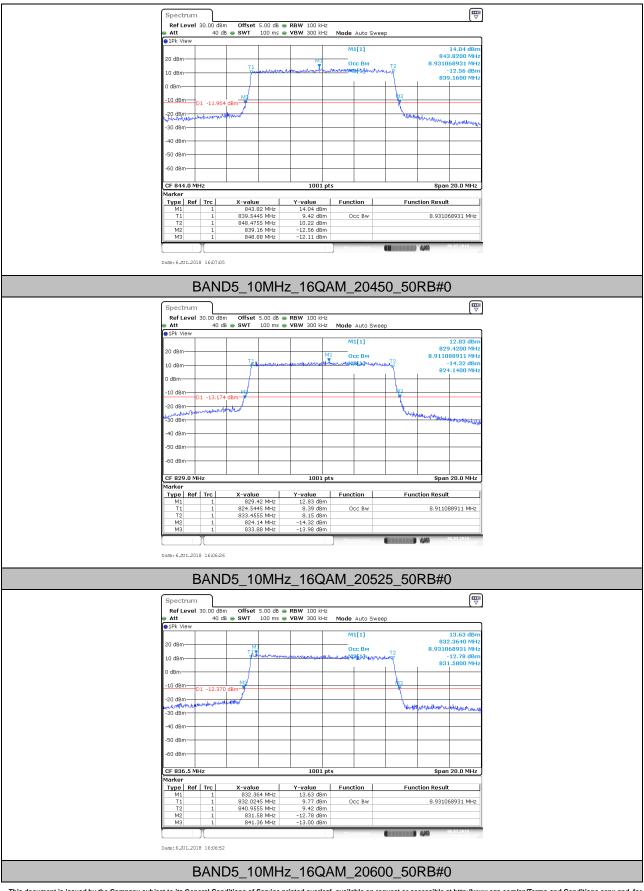


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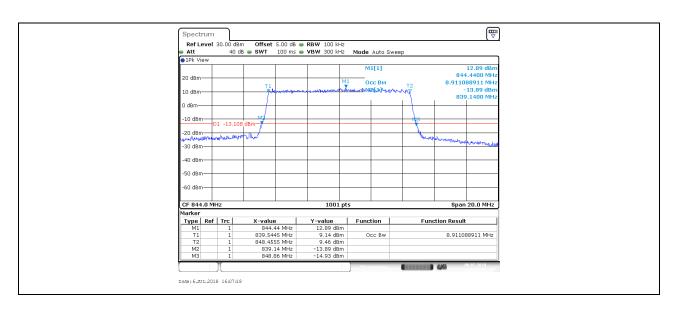


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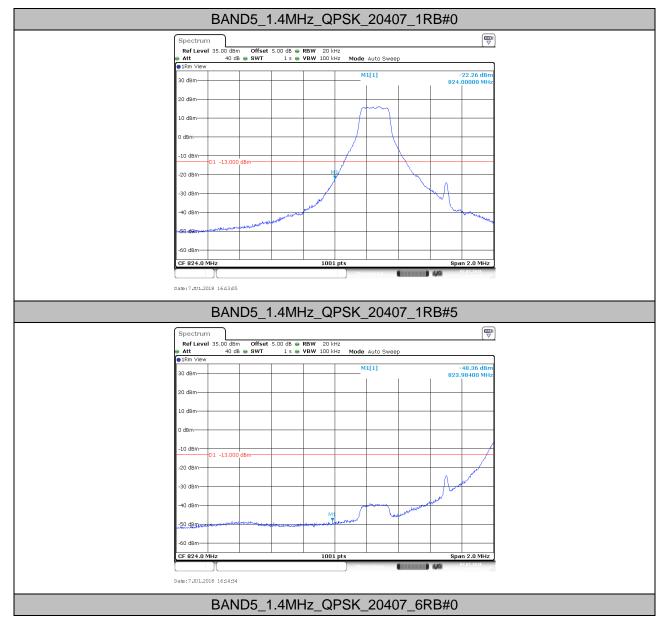




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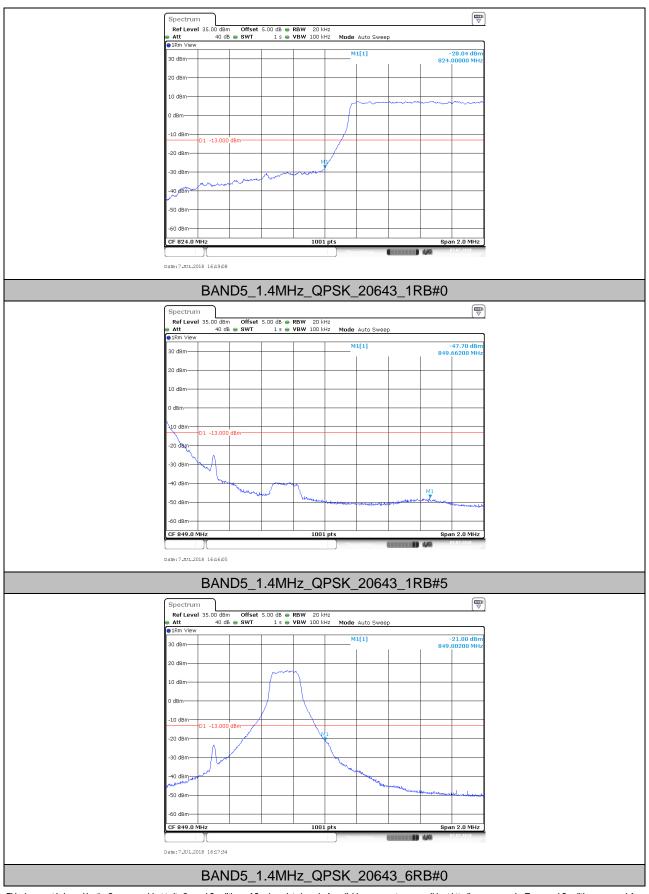
#### 5. Band Edge Compliance

#### 5.1.Test Plots



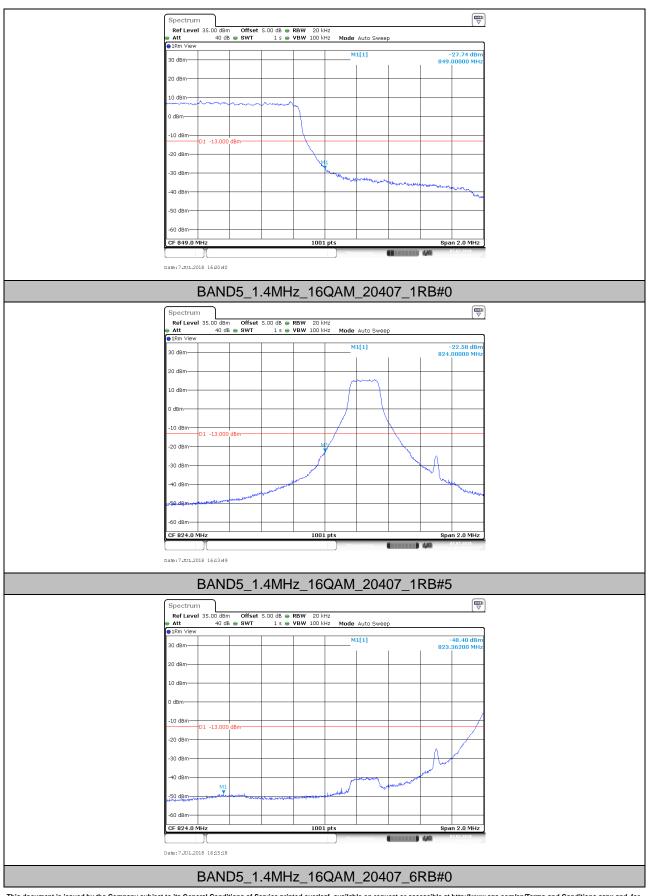


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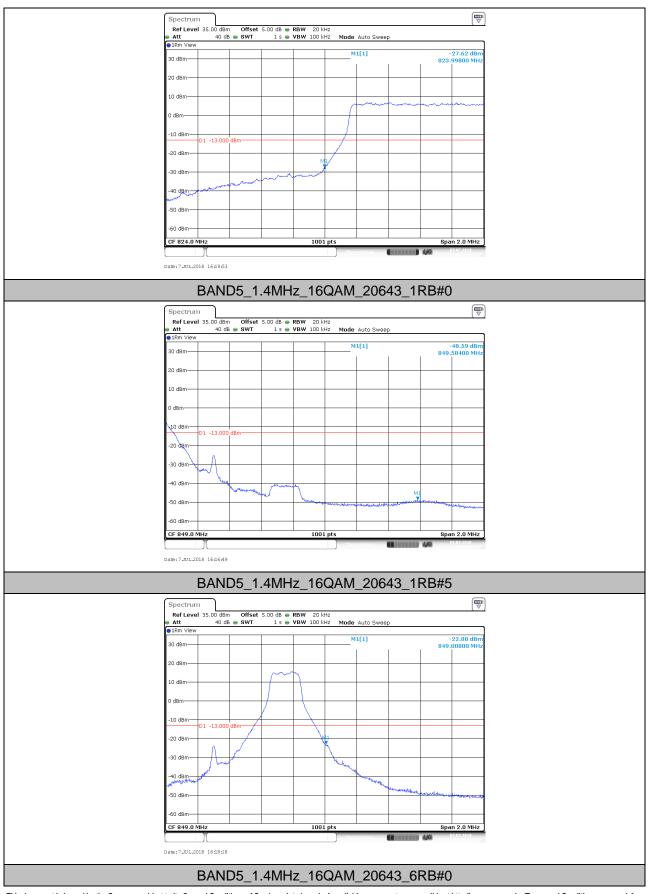


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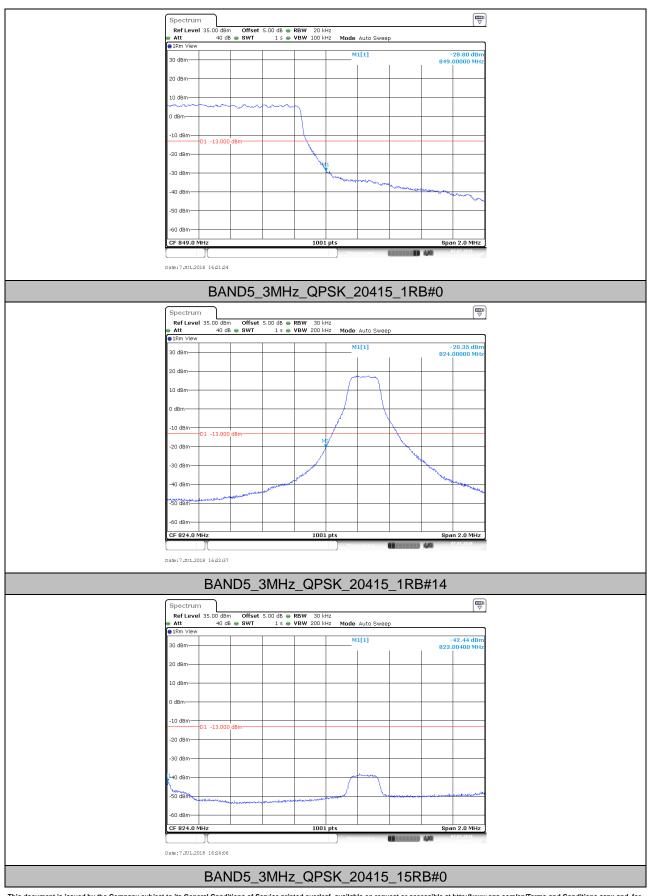


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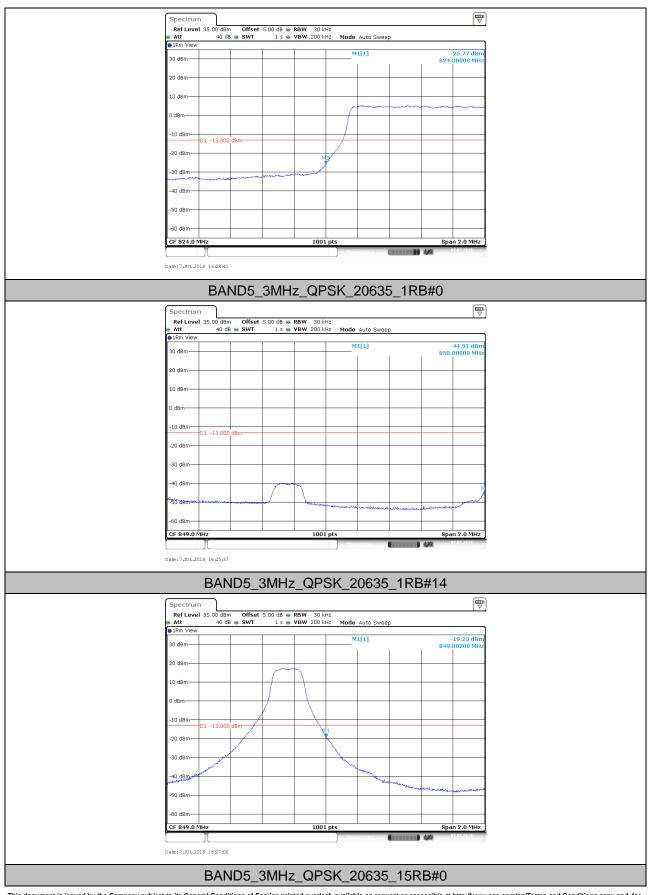


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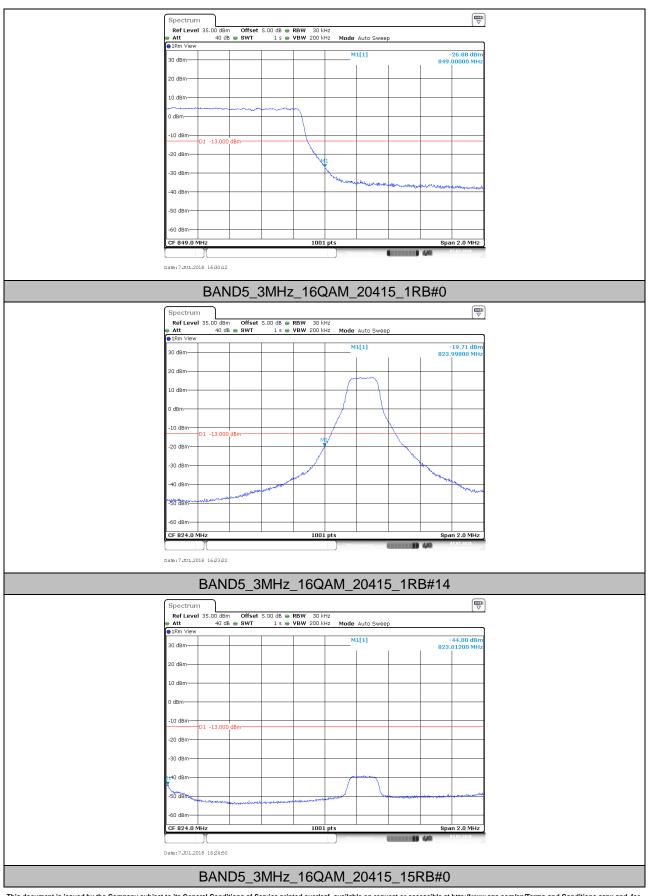


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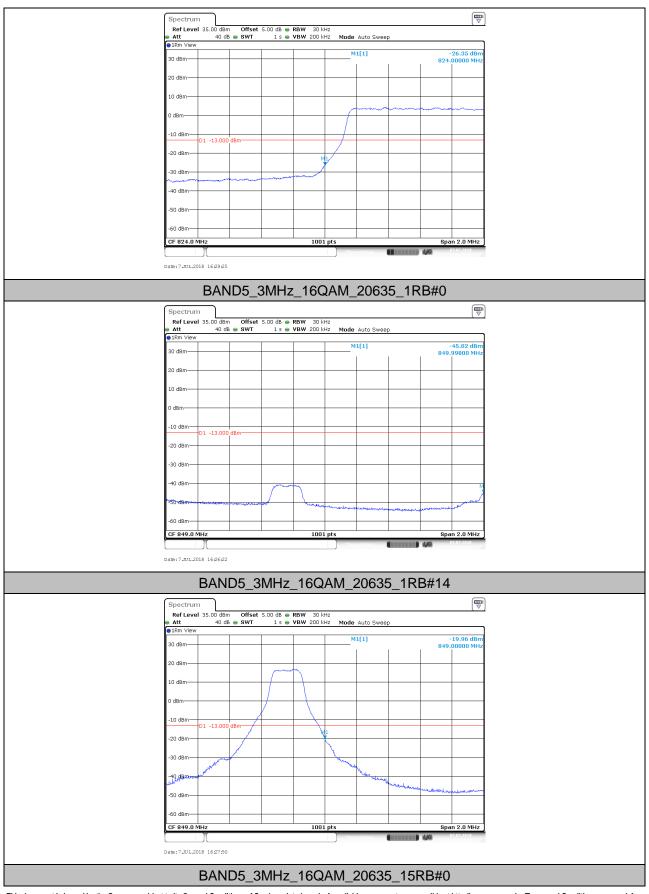


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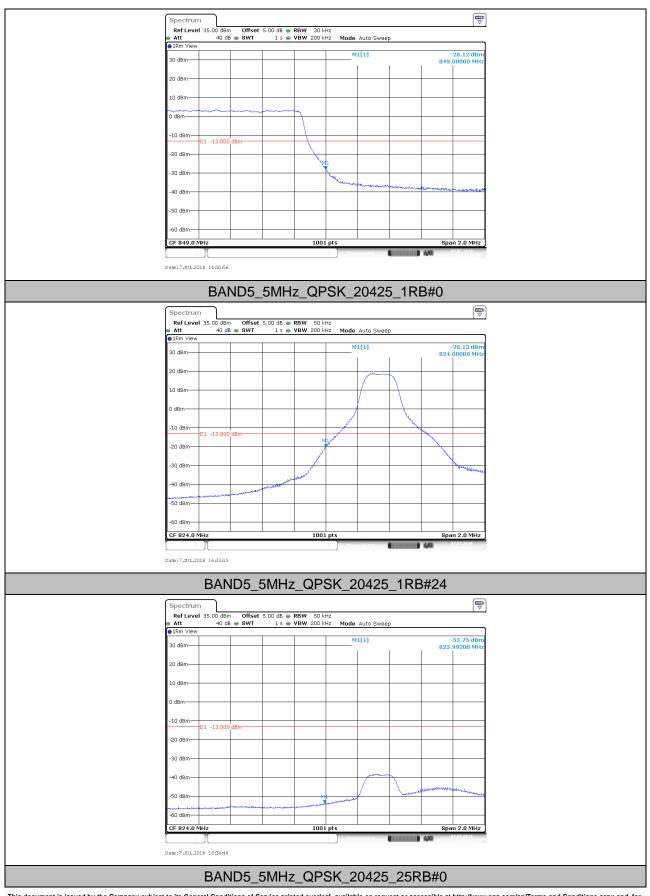


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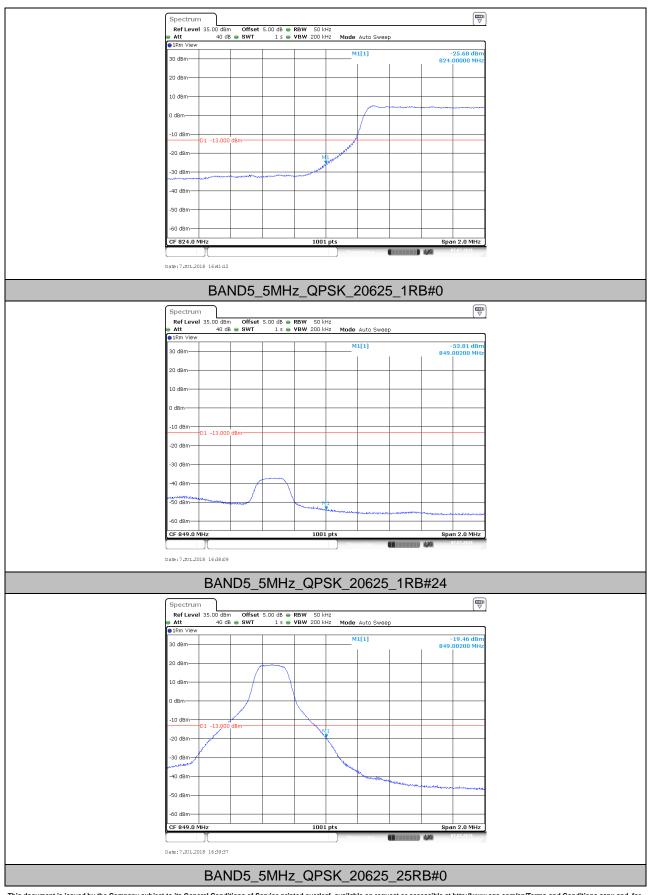


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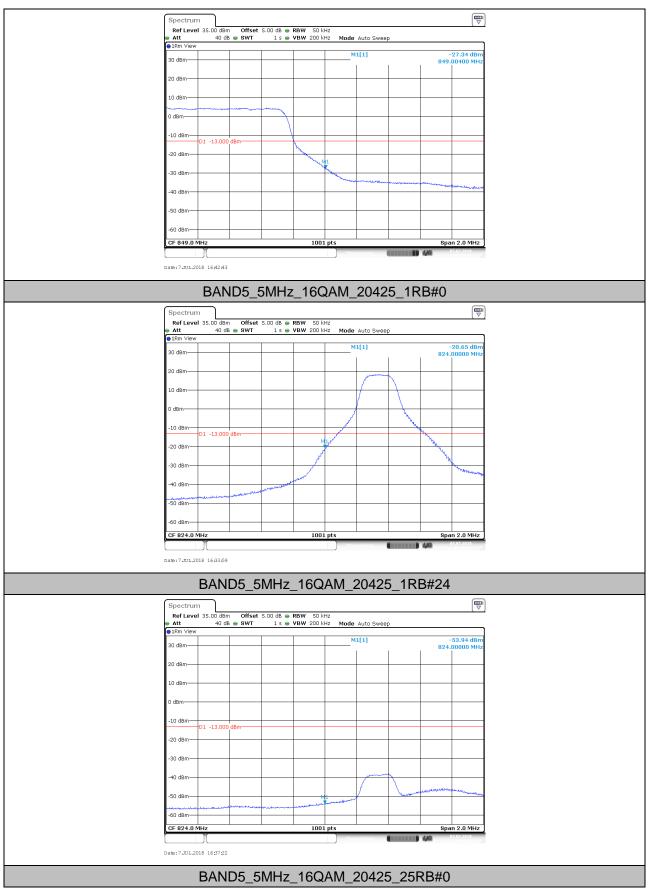


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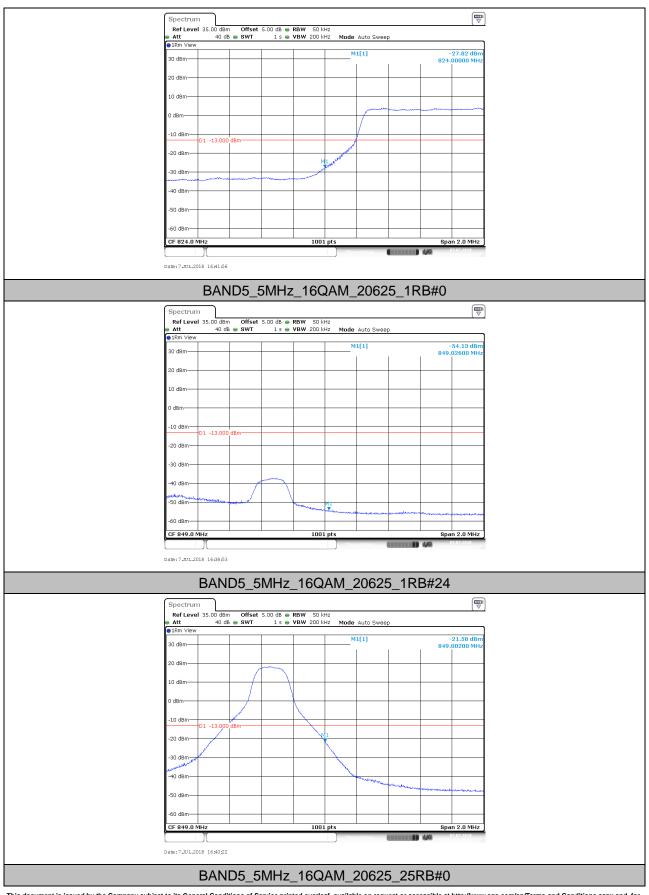


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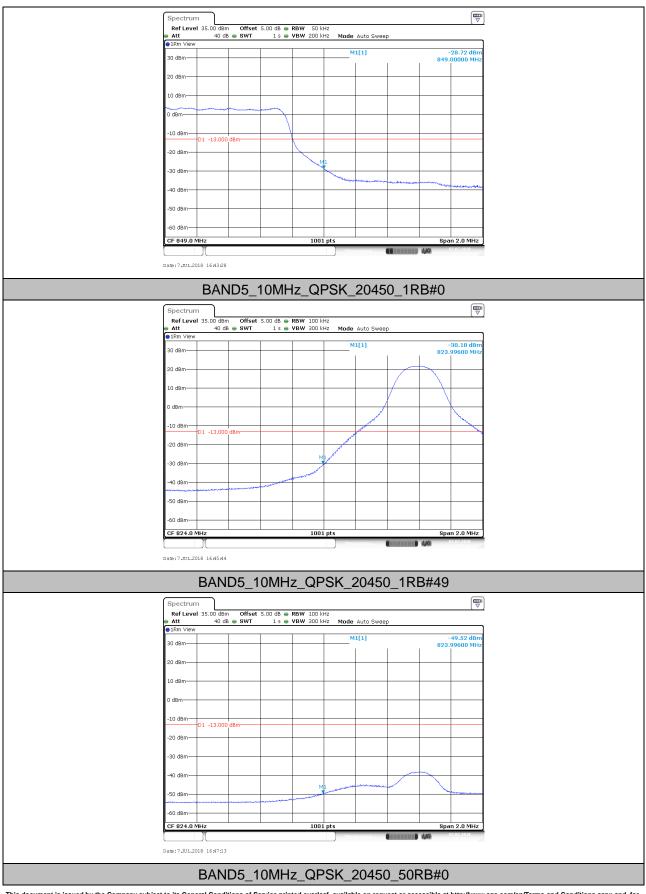


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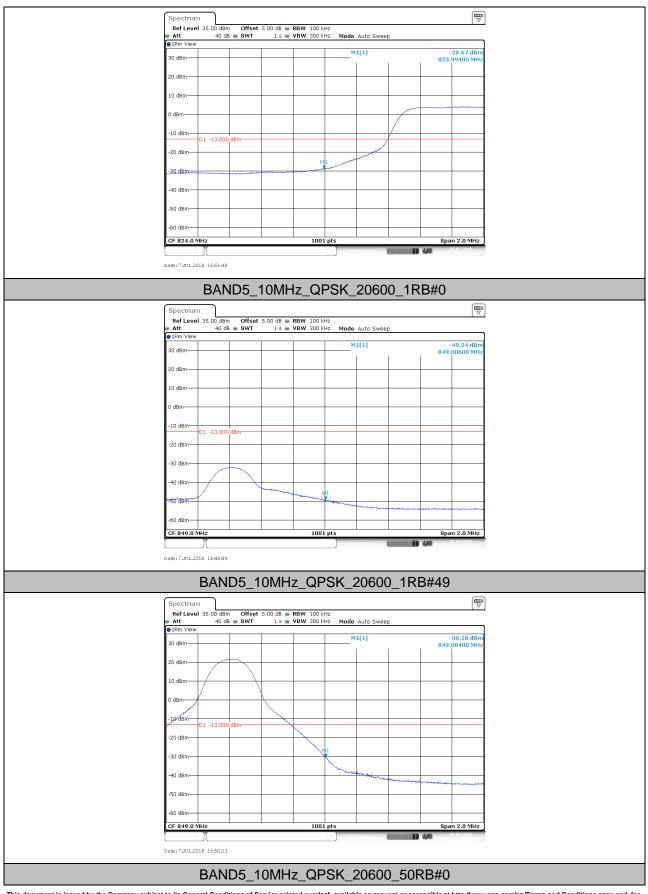


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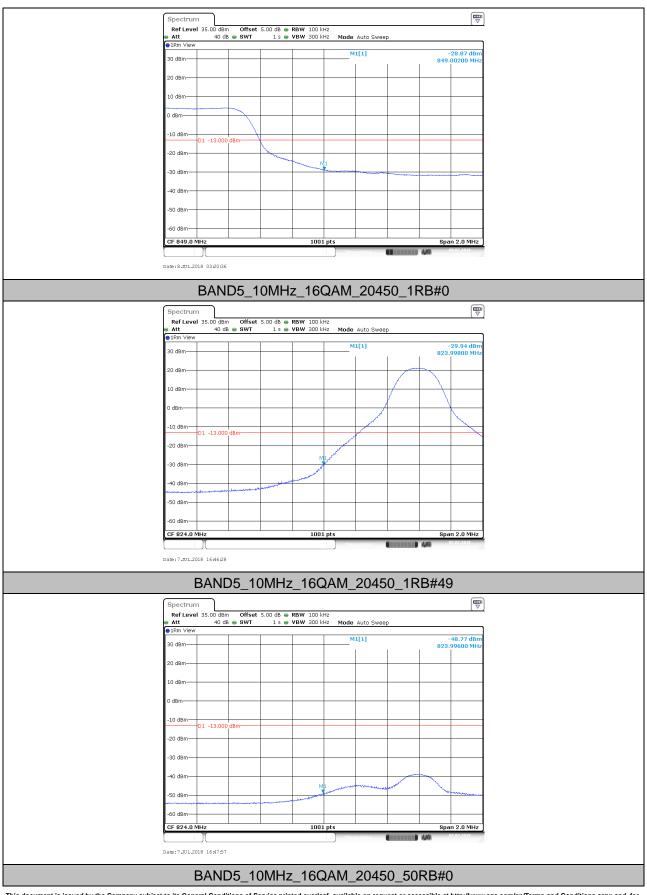


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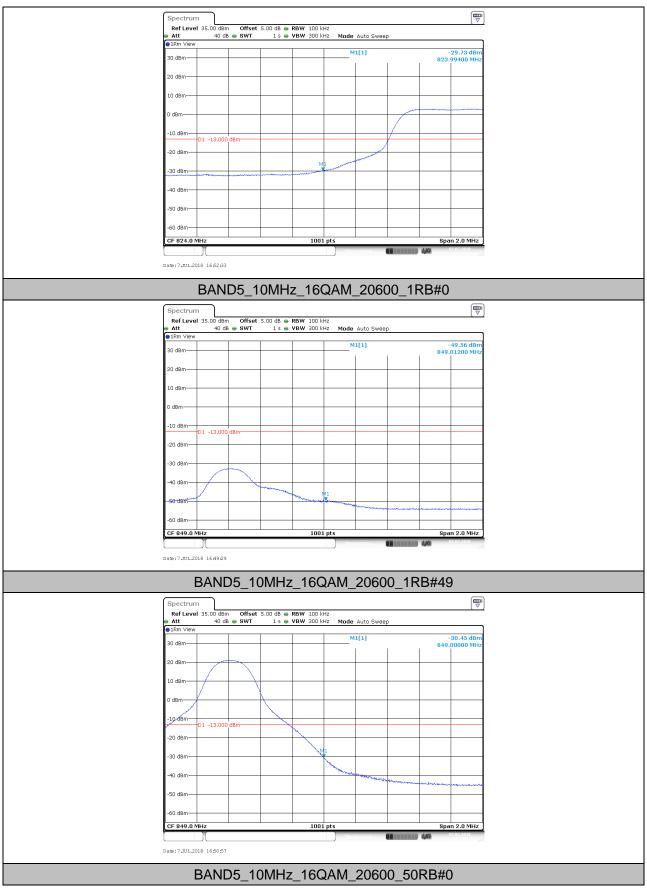


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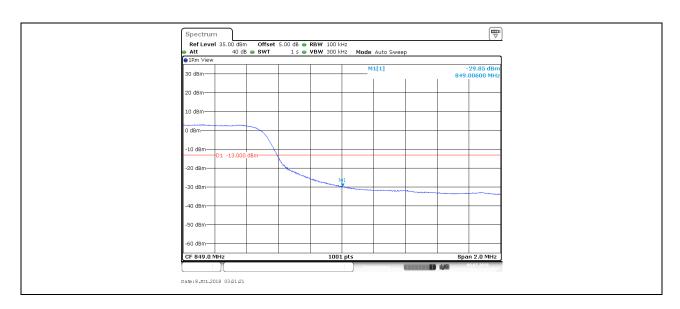


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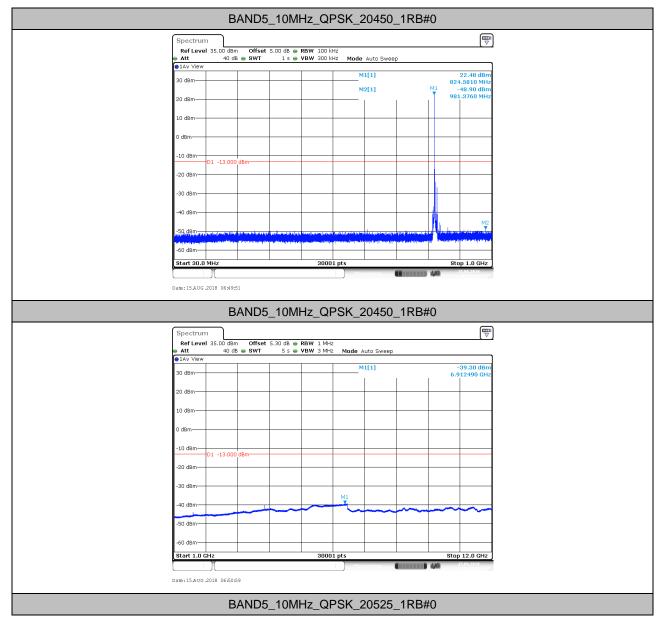


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### 6. Spurious Emission at Antenna Terminal

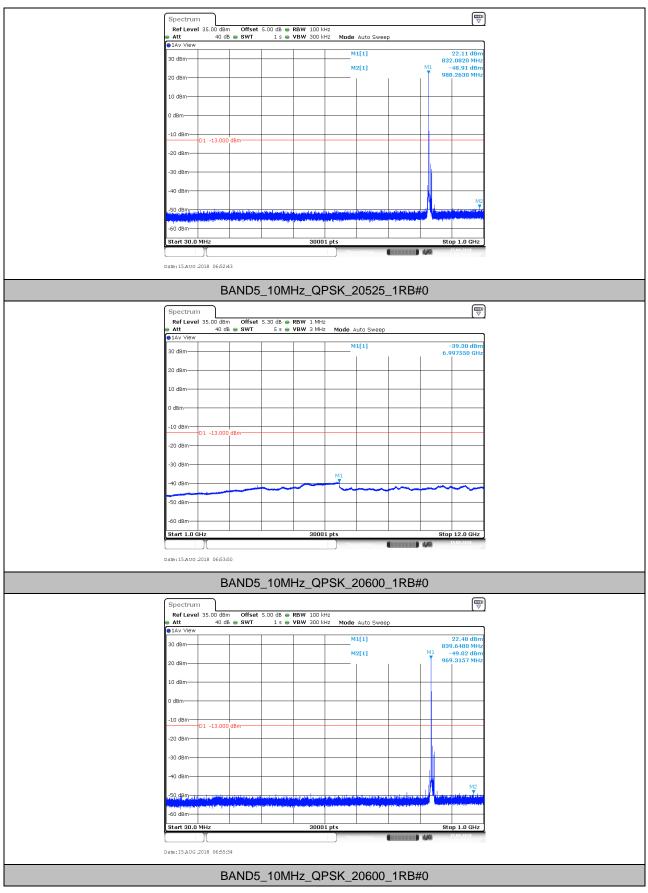
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowBAND signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

#### 6.1.Test Plots



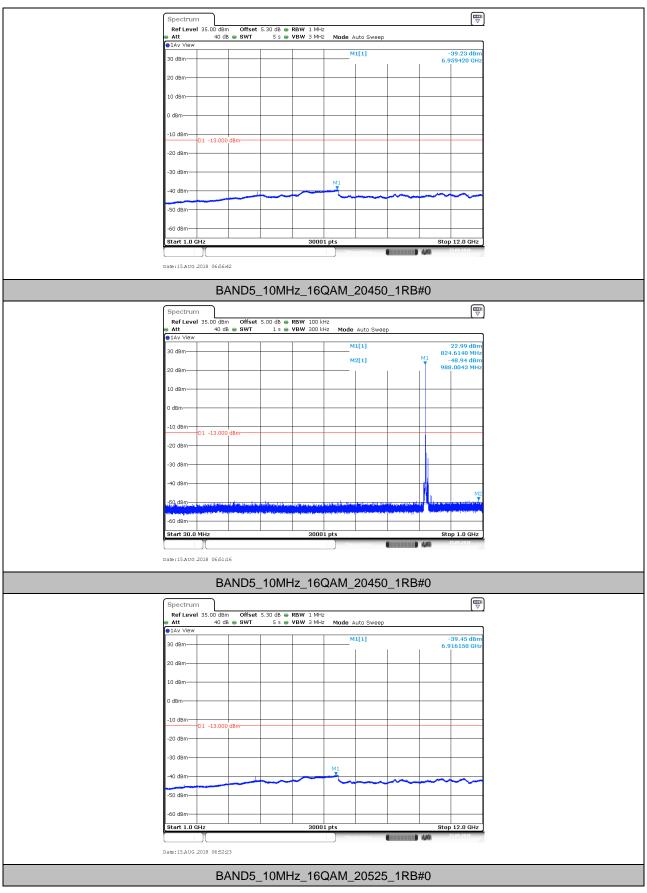


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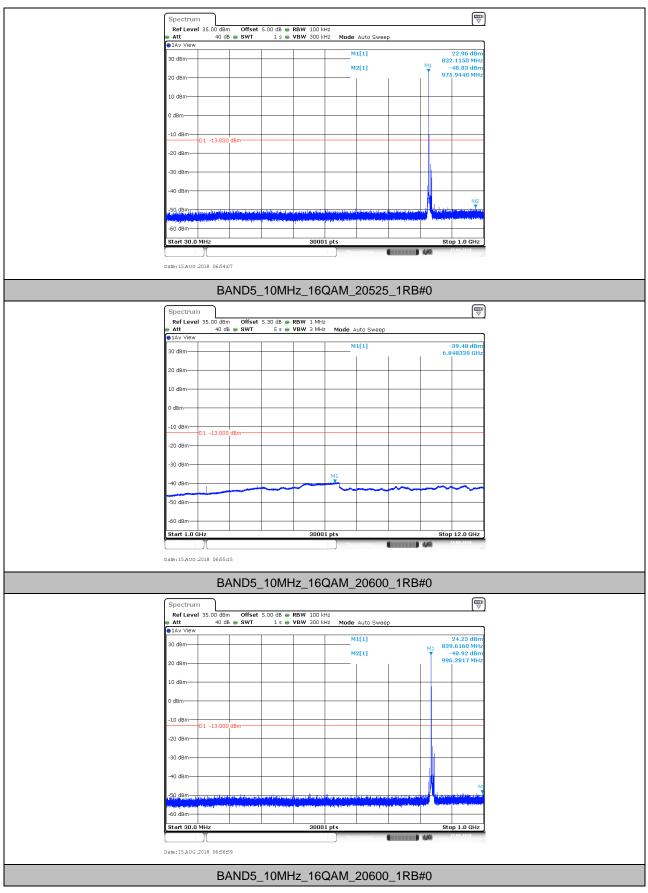


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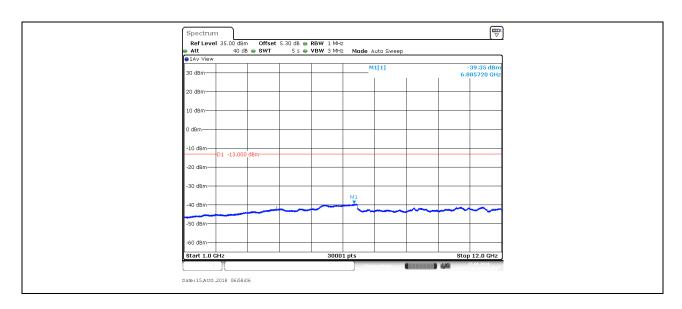


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### 7. Field Strength of Spurious Radiation

### 7.1.Test BAND = LTE BAND 5

#### 7.1.1. Test Mode =LTE/TM1 10MHz

#### 7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin(dB)	Polarization
63.740000	-82.16	-13.00	69.16	Vertical
124.966667	-86.08	-13.00	73.08	Vertical
1649.000000	-58.89	-13.00	45.89	Vertical
2473.500000	-58.43	-13.00	45.43	Vertical
3298.350000	-68.08	-13.00	55.08	Vertical
4122.712500	-54.16	-13.00	41.16	Vertical
63.693333	-77.87	-13.00	64.87	Horizontal
142.746667	-89.68	-13.00	76.68	Horizontal
1649.000000	-53.38	-13.00	40.38	Horizontal
2474.000000	-58.19	-13.00	45.19	Horizontal
3298.350000	-66.85	-13.00	53.85	Horizontal
4122.712500	-48.92	-13.00	35.92	Horizontal

#### 7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin(dB)	Polarization
64.253333	-81.93	-13.00	68.93	Vertical
124.966667	-85.34	-13.00	72.34	Vertical
1664.000000	-57.84	-13.00	44.84	Vertical
2448.500000	-58.12	-13.00	45.12	Vertical
3328.087500	-68.40	-13.00	55.40	Vertical
4160.250000	-57.73	-13.00	44.73	Vertical
63.646667	-78.33	-13.00	65.33	Horizontal
422.420000	-82.45	-13.00	69.45	Horizontal
1664.000000	-53.23	-13.00	40.23	Horizontal
2448.000000	-57.09	-13.00	44.09	Horizontal



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3328.087500	-66.13	-13.00	53.13	Horizontal
4160.250000	-53.81	-13.00	40.81	Horizontal

#### 7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin(dB)	Polarization
64.533333	-81.66	-13.00	68.66	Vertical
124.966667	-86.38	-13.00	73.38	Vertical
1679.000000	-56.43	-13.00	43.43	Vertical
2464.500000	-58.96	-13.00	45.96	Vertical
3358.312500	-68.55	-13.00	55.55	Vertical
4197.787500	-54.00	-13.00	41.00	Vertical
62.106667	-77.90	-13.00	64.90	Horizontal
265.713333	-87.65	-13.00	74.65	Horizontal
1679.000000	-55.71	-13.00	42.71	Horizontal
2457.000000	-57.45	-13.00	44.45	Horizontal
3357.825000	-67.42	-13.00	54.42	Horizontal
4197.787500	-50.05	-13.00	37.05	Horizontal

#### NOTE:

- 1) All modes are tested, but the data presented above is the worst case.the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



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### 8. Frequency Stability

#### 8.1. Frequency Vs Voltage

	Voltage									
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND5	10MHz	QPSK	20450	50RB#0	VL	NT	-5.85	-0.007057	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	VN	NT	-7.58	-0.009144	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	VH	NT	-7.55	-0.009107	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	VL	NT	-8.96	-0.010711	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	VN	NT	-8.91	-0.010652	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	VH	NT	-7.41	-0.008858	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	VL	NT	-8.28	-0.009810	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	VN	NT	-6.22	-0.007370	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	VH	NT	-9.14	-0.010829	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	VL	NT	-6.59	-0.007949	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	VN	NT	-6.62	-0.007986	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	VH	NT	-6.12	-0.007382	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	VL	NT	-7.34	-0.008775	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	VN	NT	-8.17	-0.009767	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	VH	NT	-6.49	-0.007759	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	VL	NT	-7.62	-0.009028	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	VN	NT	-8.31	-0.009846	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	VH	NT	-8.33	-0.009870	±2.5	PASS

#### 8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BAND5	10MHz	QPSK	20450	50RB#0	NV	-30	-6.34	-0.007648	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	NV	-20	-6.15	-0.007419	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	NV	0	5.35	0.006454	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	NV	10	-7.42	-0.008951	±2.5	PASS
BAND5	10MHz	QPSK	20450	50RB#0	NV	20	-6.92	-0.008347	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	NV	-30	-6.57	-0.007854	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	NV	-20	-7.22	-0.008631	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	NV	0	5.41	0.006467	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	NV	10	-7.77	-0.009289	±2.5	PASS
BAND5	10MHz	QPSK	20525	50RB#0	NV	20	-7.41	-0.008858	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	NV	-30	-9.31	-0.011031	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	NV	-20	-7.95	-0.009419	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	NV	0	6.67	0.007903	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	NV	10	-8.18	-0.009692	±2.5	PASS
BAND5	10MHz	QPSK	20600	50RB#0	NV	20	-7.21	-0.008543	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	NV	-30	-6.59	-0.007949	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	NV	-20	-7.22	-0.008709	±2.5	PASS



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BAND5	10MHz	16QAM	20450	50RB#0	NV	0	5.71	0.006888	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	NV	10	-7.72	-0.009312	±2.5	PASS
BAND5	10MHz	16QAM	20450	50RB#0	NV	20	-6.12	-0.007382	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	NV	-30	-6.69	-0.007998	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	NV	-20	-7.55	-0.009026	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	NV	0	-10.04	-0.012002	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	NV	10	-8.93	-0.010675	±2.5	PASS
BAND5	10MHz	16QAM	20525	50RB#0	NV	20	-7.71	-0.009217	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	NV	-30	-7.51	-0.008898	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	NV	-20	-7.64	-0.009052	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	NV	0	-6.77	-0.008021	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	NV	10	-7.52	-0.008910	±2.5	PASS
BAND5	10MHz	16QAM	20600	50RB#0	NV	20	-6.44	-0.007630	±2.5	PASS

The End