Report No.: HR/2018/A000901 Page: 1 of 54

Appendix B E-UTRA BAND 2



Report No.: HR/2018/A000901 Page: 2 of 54

CONTENT

1.	EFFECTIVE (ISOTROPIC) RADIATED POWER	3
	1.1. Test Result	3
2.	Peak-to-Average Ratio(CCDF)	10
	2.1. Test Result	10
	2.2. Test Plots	10
3.	MODULATION CHARACTERISTICS	13
	3.1. Test BAND = LTE BAND2	13
	3.1.1. Test Mode = LTE /TM1 20MHz	13
	3.1.1.1. Test Channel = MCH	13
	3.1.2. Test Mode = LTE /TM2 20MHz	14
	3.1.2.1. Test Channel = MCH	14
4.	26dB Bandwidth and Occupied Bandwidth	15
	4.1. Test Result	15
	4.2. Test Plots	16
5.	BAND EDGE COMPLIANCE	29
	5.1. Test Plots	29
6.	Spurious Emission at Antenna Terminal	46
	6.1. Test Plots	46
7.	Field Strength of Spurious Radiation	51
	7.1. Test BAND = LTE BAND 2	51
	7.1.1. Test Mode =LTE/TM1 20MHz	51
	7.1.1.1. Test Channel = LCH	51
	7.1.1.2. Test Channel = MCH	51
	7.1.1.3. Test Channel = HCH	52
8.	FREQUENCY STABILITY	53
	8.1. Frequency Vs Voltage	53
	8.2. Frequency Vs Temperature	53

Report No.: HR/2018/A000901 Page: 3 of 54

1. Effective (Isotropic) Radiated Power

1.1.Test Result

SG

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result	EIRP	Limit	Verdict
					(dBm)	(dBm)	(dBm)	
Band2	1.4MHz	QPSK	18607	1RB#0	23.66	25.46	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.83	25.63	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.65	25.45	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.59	25.39	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.53	25.33	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.52	25.32	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.34	24.14	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.28	25.08	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.45	25.25	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.32	25.12	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.25	25.05	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.41	25.21	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.31	25.11	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.38	24.18	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.38	25.18	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.34	25.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.21	25.01	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.36	25.16	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.54	25.34	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.25	25.05	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.27	24.07	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.78	23.58	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.03	23.83	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.09	23.89	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.49	24.29	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.66	24.46	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.62	24.42	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.55	23.35	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.93	23.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.30	24.10	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.86	23.66	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.27	24.07	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.42	24.22	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.26	24.06	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.29	23.09	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.49	24.29	33.00	PASS

SG:

Report No.: HR/2018/A000901 Page: 4 of 54

		1	1	1	1			
Band2	1.4MHz	16QAM	19193	1RB#2	21.95	23.75	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.91	23.71	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.54	24.34	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.68	24.48	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.66	24.46	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.29	23.09	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.34	25.14	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.28	25.08	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.54	25.34	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.06	23.86	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.60	24.40	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.43	24.23	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.48	24.28	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.56	25.36	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.05	24.85	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.30	25.10	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.26	24.06	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.41	24.21	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.31	24.11	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.29	24.09	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.52	25.32	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.67	24.47	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.55	25.35	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.16	23.96	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.36	24.16	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.25	24.05	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.40	24.20	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.15	23.95	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.01	23.81	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.90	23.70	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.25	23.05	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.15	22.95	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.72	23.52	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.40	23.20	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.15	23.95	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.08	23.88	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.52	24.32	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.28	23.08	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.15	22.95	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.17	22.97	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.42	23.22	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.48	24.28	33.00	PASS
		ı		ı			•	

SG:

Report No.: HR/2018/A000901 Page: 5 of 54

Band23MHz16QAM191851RB#421.9223.7233.00PASSBand23MHz16QAM19185RRB4021.4023.0033.00PASSBand23MHz16QAM191858RB4021.3123.1133.00PASSBand23MHz16QAM191858RB4721.3523.0333.00PASSBand2SMHz16QAM191858RB4721.4023.0233.00PASSBand2SMHz16QAM1918515RB4021.4023.0233.00PASSBand2SMHz0PSK186251RB41223.3325.4333.00PASSBand2SMHzOPSK1862512RB4022.0123.1633.00PASSBand2SMHzOPSK1862512RB4022.0124.1633.00PASSBand2SMHzOPSK1862512RB4022.1224.3233.00PASSBand2SMHzOPSK1862512RB4022.1224.9233.00PASSBand2SMHzOPSK1862512RB4023.1224.9233.00PASSBand2SMHzOPSK1862512RB4023.1224.9233.00PASSBand2SMHzOPSK1862512RB4023.1224.1533.00PASSBand2SMHzOPSK1862512RB4023.1224.1533.00PASSBand2SMHzOPSK </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
Band2 3MHz 16QAM 19185 8RB#0 21.31 23.11 33.00 PASS Band2 3MHz 16QAM 19185 8RB#7 21.35 23.03 33.00 PASS Band2 3MHz 16QAM 19185 8RB#7 21.35 23.00 73.00 PASS Band2 SMHz 0PSK 18625 1RB#0 23.26 26.06 33.00 PASS Band2 SMHz 0PSK 18625 1RB#12 23.39 25.19 33.00 PASS Band2 SMHz 0PSK 18625 12RB#0 22.06 24.16 33.00 PASS Band2 SMHz 0PSK 18625 12RB#10 22.16 24.16 33.00 PASS Band2 SMHz 0PSK 18625 12RB#10 22.16 24.16 33.00 PASS Band2 SMHz 0PSK 18625 12RB#10 22.17 24.92 33.00 PASS Band2	Band2	3MHz	16QAM	19185	1RB#8	21.92	23.72	33.00	PASS
Band2 SMHz 16QAM 19185 8RB#4 21.23 23.01 33.00 PASS Band2 3MHz 16QAM 19185 8RB#7 21.35 23.15 33.00 PASS Band2 5MHz QPSK 18625 1RB#0 21.40 23.20 33.00 PASS Band2 5MHz QPSK 18625 1RB#12 23.33 25.43 33.00 PASS Band2 5MHz QPSK 18625 1RB#24 23.63 25.43 33.00 PASS Band2 5MHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Band2 5MHz QPSK 18625 12RB#0 22.55 24.35 33.00 PASS Band2 5MHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 5MHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2	Band2	3MHz	16QAM	19185	1RB#14	21.40	23.20	33.00	PASS
Band2 3MHz 16QAM 19185 8RB#7 21.36 23.15 33.00 PASS Band2 3MHz 16QAM 19185 15RB#0 21.40 23.20 33.00 PASS Band2 5MHz QPSK 18625 1RB#0 23.62 25.69 33.00 PASS Band2 5MHz QPSK 18625 1RB#4 23.63 25.43 33.00 PASS Band2 5MHz QPSK 18625 12RB#6 22.36 24.16 33.00 PASS Band2 5MHz QPSK 18625 12RB#6 22.36 24.15 33.00 PASS Band2 5MHz QPSK 18625 12RB#6 22.36 24.15 33.00 PASS Band2 5MHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#6 22.32 24.13 33.00 PASS Band2 <td>Band2</td> <td>3MHz</td> <td>16QAM</td> <td>19185</td> <td>8RB#0</td> <td>21.31</td> <td>23.11</td> <td>33.00</td> <td>PASS</td>	Band2	3MHz	16QAM	19185	8RB#0	21.31	23.11	33.00	PASS
Band2 3MHz 16QAM 19185 15RB#0 21.40 23.20 33.00 PASS Band2 5MHz QPSK 18625 1RB#12 23.30 25.10 33.00 PASS Band2 5MHz QPSK 18625 1RB#12 23.30 25.10 33.00 PASS Band2 5MHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Band2 5MHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Band2 5MHz QPSK 18625 12RB#0 22.35 24.15 33.00 PASS Band2 5MHz QPSK 18900 1RB#12 23.17 24.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2<	Band2	3MHz	16QAM	19185	8RB#4	21.23	23.03	33.00	PASS
Bend2 SMHz QPSK 18625 1RB#0 23.26 25.06 33.00 PASS Band2 SMHz QPSK 18625 1RB#12 23.39 25.19 33.00 PASS Band2 SMHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Band2 SMHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Band2 SMHz QPSK 18625 12RB#13 22.55 24.35 33.00 PASS Band2 SMHz QPSK 18625 12RB#0 22.12 24.92 33.00 PASS Band2 SMHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.12 23.92 3.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.45 24.45 3.00 PASS Band2	Band2	3MHz	16QAM	19185	8RB#7	21.35	23.15	33.00	PASS
Bandz SMHz QPSK 18625 1RB#12 23.39 25.19 33.00 PASS Bandz SMHz QPSK 18625 1RB#24 23.63 25.43 33.00 PASS Bandz SMHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Bandz SMHz QPSK 18625 12RB#13 22.55 24.15 33.00 PASS Bandz SMHz QPSK 18625 25RB#0 23.12 24.92 33.00 PASS Bandz SMHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Bandz SMHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Bandz SMHz QPSK 18900 12RB#0 22.12 23.30 PASS Bandz SMHz QPSK 18900 12RB#0 22.45 33.00 PASS Band2 SMHz QPSK <td>Band2</td> <td>3MHz</td> <td>16QAM</td> <td>19185</td> <td>15RB#0</td> <td>21.40</td> <td>23.20</td> <td>33.00</td> <td>PASS</td>	Band2	3MHz	16QAM	19185	15RB#0	21.40	23.20	33.00	PASS
Bandz 5MHz QPSK 18625 1RB#24 23.63 25.43 33.00 PASS Bandz 5MHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Bandz 5MHz QPSK 18625 12RB#6 22.36 24.16 33.00 PASS Bandz 5MHz QPSK 18625 12RB#13 22.55 24.35 33.00 PASS Bandz 5MHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Bandz 5MHz QPSK 18900 1RB#24 23.68 25.48 33.00 PASS Bandz 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Bandz 5MHz QPSK 18900 12RB#0 22.44 23.43 33.00 PASS Bandz 5MHz QPSK 18900 12RB#13 22.45 24.45 33.00 PASS Band2<	Band2	5MHz	QPSK	18625	1RB#0	23.26	25.06	33.00	PASS
Bandz 5MHz QPSK 18625 12RB#0 22.01 23.81 33.00 PASS Bandz 5MHz QPSK 18625 12RB#6 22.36 24.16 33.00 PASS Bandz 5MHz QPSK 18625 12RB#13 22.55 24.35 33.00 PASS Bandz 5MHz QPSK 18625 25RB#0 22.35 24.15 33.00 PASS Bandz 5MHz QPSK 18900 1RB#12 23.12 24.97 33.00 PASS Bandz 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Bandz 5MHz QPSK 18900 12RB#0 22.45 24.43 33.00 PASS Bandz 5MHz QPSK 18900 12RB#13 22.45 24.43 33.00 PASS Bandz 5MHz QPSK 19175 1RB#0 23.33 24.13 33.00 PASS Band2<	Band2	5MHz	QPSK	18625	1RB#12	23.39	25.19	33.00	PASS
Band2 SMHz QPSK 18625 12RB#6 22.36 24.16 33.00 PASS Band2 SMHz QPSK 18625 12RB#13 22.55 24.35 33.00 PASS Band2 SMHz QPSK 18625 25RB#0 22.35 24.15 33.00 PASS Band2 SMHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 SMHz QPSK 18900 1RB#12 23.17 24.97 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.33 24.13 30.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.34 24.53 33.00 PASS Band2 SMHz QPSK 19175 1RB#0 22.45 24.50 33.00 PASS Band2 <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>18625</td> <td>1RB#24</td> <td>23.63</td> <td>25.43</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	18625	1RB#24	23.63	25.43	33.00	PASS
Band2 SMHz QPSK 18625 12RB#13 22.55 24.35 33.00 PASS Band2 SMHz QPSK 18625 26RB#0 22.35 24.15 33.00 PASS Band2 SMHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 SMHz QPSK 18900 1RB#12 23.17 24.97 33.00 PASS Band2 SMHz QPSK 18900 12RB#6 22.33 24.13 33.00 PASS Band2 SMHz QPSK 18900 12RB#6 22.33 24.13 33.00 PASS Band2 SMHz QPSK 18900 12RB#13 22.54 24.35 33.00 PASS Band2 SMHz QPSK 18900 12RB#13 22.54 24.35 33.00 PASS Band2 SMHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2<	Band2	5MHz	QPSK	18625	12RB#0	22.01	23.81	33.00	PASS
Band2 SMHz QPSK 18625 25RB#0 22.35 24.15 33.00 PASS Band2 SMHz QPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 SMHz QPSK 18900 1RB#12 23.17 24.97 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.33 24.13 33.00 PASS Band2 SMHz QPSK 18900 25RB#0 22.45 24.03 33.00 PASS Band2 SMHz QPSK 19175 1RB#0 22.61 24.10 33.00 PASS Band2 SMHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>18625</td> <td>12RB#6</td> <td>22.36</td> <td>24.16</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	18625	12RB#6	22.36	24.16	33.00	PASS
Band2 SMHz OPSK 18900 1RB#0 23.12 24.92 33.00 PASS Band2 SMHz OPSK 18900 1RB#12 23.17 24.97 33.00 PASS Band2 SMHz OPSK 18900 1RB#24 23.68 25.48 33.00 PASS Band2 SMHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 SMHz QPSK 18900 12RB#13 22.54 24.34 33.00 PASS Band2 SMHz QPSK 18900 12RB#13 22.54 24.94 33.00 PASS Band2 SMHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 SMHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 SMHz QPSK 19175 12RB#6 22.19 23.99 33.00 PASS Band2 </td <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>18625</td> <td>12RB#13</td> <td>22.55</td> <td>24.35</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	18625	12RB#13	22.55	24.35	33.00	PASS
Band2 5MHz QPSK 18900 1RB#12 23.17 24.97 33.00 PASS Band2 5MHz QPSK 18900 1RB#24 23.68 25.48 33.00 PASS Band2 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#13 22.54 24.34 33.00 PASS Band2 5MHz QPSK 18900 25RB#0 22.45 24.25 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.01 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2<	Band2	5MHz	QPSK	18625	25RB#0	22.35	24.15	33.00	PASS
Band2 5MHz QPSK 18900 1RB#24 23.68 25.48 33.00 PASS Band2 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#13 22.54 24.13 33.00 PASS Band2 5MHz QPSK 18900 25RB#0 22.45 24.25 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.90 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.99 24.09 33.00 PASS Band2 </td <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>18900</td> <td>1RB#0</td> <td>23.12</td> <td>24.92</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	18900	1RB#0	23.12	24.92	33.00	PASS
Band2 5MHz QPSK 18900 12RB#0 22.12 23.92 33.00 PASS Band2 5MHz QPSK 18900 12RB#6 22.33 24.13 33.00 PASS Band2 5MHz QPSK 18900 12RB#13 22.54 24.34 33.00 PASS Band2 5MHz QPSK 18900 25RB#0 22.45 24.54 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.03 33.00 PASS Band2	Band2	5MHz	QPSK	18900	1RB#12	23.17	24.97	33.00	PASS
Band2 5MHz QPSK 18900 12RB#6 22.33 24.13 33.00 PASS Band2 5MHz QPSK 18900 12RB#13 22.54 24.34 33.00 PASS Band2 5MHz QPSK 18900 25RB#0 22.45 24.25 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.19 23.99 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 21.87 23.67 33.00 PASS Band2	Band2	5MHz	QPSK	18900	1RB#24	23.68	25.48	33.00	PASS
Band2 5MHz QPSK 18900 12RB#13 22.54 24.34 33.00 PASS Band2 5MHz QPSK 18900 25RB#0 22.45 24.25 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 1RB#24 23.37 25.17 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 21.87 23.67 33.00 PASS Band	Band2	5MHz	QPSK	18900	12RB#0	22.12	23.92	33.00	PASS
Band2 5MHz QPSK 18900 25RB#0 22.45 24.25 33.00 PASS Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 1RB#24 23.37 25.17 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#6 22.19 23.99 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.49 23.00 PASS Band2 5MHz 16QAM 18625 1RB#0 21.87 23.67 33.00 PASS Band2 5MHz </td <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>18900</td> <td>12RB#6</td> <td>22.33</td> <td>24.13</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	18900	12RB#6	22.33	24.13	33.00	PASS
Band2 5MHz QPSK 19175 1RB#0 23.63 25.43 33.00 PASS Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 1RB#24 23.37 25.17 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#6 22.19 23.99 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.09 33.00 PASS Band2 5MHz QPSK 19175 25RB#0 22.38 24.18 33.00 PASS Band2 5MHz 16QAM 18625 1RB#12 22.02 23.82 33.00 PASS Band2 5MHz 16QAM 18625 1RB#24 22.44 24.24 33.00 PASS Band2	Band2	5MHz	QPSK	18900	12RB#13	22.54	24.34	33.00	PASS
Band2 5MHz QPSK 19175 1RB#12 22.81 24.61 33.00 PASS Band2 5MHz QPSK 19175 1RB#24 23.37 25.17 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.10 33.00 PASS Band2 5MHz QPSK 19175 12RB#0 22.30 24.99 33.00 PASS Band2 5MHz QPSK 19175 12RB#13 22.29 24.99 33.00 PASS Band2 5MHz QPSK 19175 25RB#0 22.38 24.18 33.00 PASS Band2 5MHz QPSK 19175 25RB#0 22.38 24.18 33.00 PASS Band2 5MHz 16QAM 18625 1RB#0 21.87 23.67 33.00 PASS Band2 5MHz 16QAM 18625 1RB#12 22.02 23.82 33.00 PASS Band2	Band2	5MHz	QPSK	18900	25RB#0	22.45	24.25	33.00	PASS
Band25MHzQPSK191751RB#2423.3725.1733.00PASSBand25MHzQPSK1917512RB#022.3024.1033.00PASSBand25MHzQPSK1917512RB#622.1923.9933.00PASSBand25MHzQPSK1917512RB#622.1924.0933.00PASSBand25MHzQPSK1917512RB#1322.2924.0933.00PASSBand25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHzQPSK1917525RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#021.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>19175</td> <td>1RB#0</td> <td>23.63</td> <td>25.43</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	19175	1RB#0	23.63	25.43	33.00	PASS
Band25MHzQPSK1917512RB#022.3024.1033.00PASSBand25MHzQPSK1917512RB#622.1923.9933.00PASSBand25MHzQPSK1917512RB#1322.2924.0933.00PASSBand25MHzQPSK1917512RB#1322.2924.0933.00PASSBand25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHz16QAM186251RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM18001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz<	Band2	5MHz	QPSK	19175	1RB#12	22.81	24.61	33.00	PASS
Band25MHzQPSK1917512RB#622.1923.9933.00PASSBand25MHzQPSK1917512RB#1322.2924.0933.00PASSBand25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHz16QAM186251RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#021.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.4433.00PASSBand25MHz16QAM18001RB#022.2324.0333.00PASSBand25MHz16QAM18001RB#021.4023.2033.00PASSBand25MHz16QAM189001RB#022.3724.1733.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz1	Band2	5MHz	QPSK	19175	1RB#24	23.37	25.17	33.00	PASS
Band25MHzQPSK1917512RB#1322.2924.0933.00PASSBand25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHz16QAM186251RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#021.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#022.3724.1733.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3623.0933.00PASSBand25MHz	Band2	5MHz	QPSK	19175	12RB#0	22.30	24.10	33.00	PASS
Band25MHzQPSK1917525RB#022.3824.1833.00PASSBand25MHz16QAM186251RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#621.4823.2033.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.4433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>19175</td> <td>12RB#6</td> <td>22.19</td> <td>23.99</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	19175	12RB#6	22.19	23.99	33.00	PASS
Band25MHz16QAM186251RB#021.8723.6733.00PASSBand25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM1862525RB#021.5423.4433.00PASSBand25MHz16QAM1862525RB#021.5423.4433.00PASSBand25MHz16QAM189001RB#1222.3324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3023.1033.00PASSBand25MHz </td <td>Band2</td> <td>5MHz</td> <td>QPSK</td> <td>19175</td> <td>12RB#13</td> <td>22.29</td> <td>24.09</td> <td>33.00</td> <td>PASS</td>	Band2	5MHz	QPSK	19175	12RB#13	22.29	24.09	33.00	PASS
Band25MHz16QAM186251RB#1222.0223.8233.00PASSBand25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.0933.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz<	Band2	5MHz	QPSK	19175	25RB#0	22.38	24.18	33.00	PASS
Band25MHz16QAM186251RB#2422.4424.2433.00PASSBand25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890012RB#1321.3023.1033.00PASSBand25MH	Band2	5MHz	16QAM	18625	1RB#0	21.87	23.67	33.00	PASS
Band25MHz16QAM1862512RB#021.2523.0533.00PASSBand25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	1RB#12	22.02	23.82	33.00	PASS
Band25MHz16QAM1862512RB#621.4823.2833.00PASSBand25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2433.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	1RB#24	22.44	24.24	33.00	PASS
Band25MHz16QAM1862512RB#1321.4023.2033.00PASSBand25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.0933.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	12RB#0	21.25	23.05	33.00	PASS
Band25MHz16QAM1862525RB#021.5423.3433.00PASSBand25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.0933.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	12RB#6	21.48	23.28	33.00	PASS
Band25MHz16QAM189001RB#022.2324.0333.00PASSBand25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	12RB#13	21.40	23.20	33.00	PASS
Band25MHz16QAM189001RB#1222.3724.1733.00PASSBand25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#021.4223.2233.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18625	25RB#0	21.54	23.34	33.00	PASS
Band25MHz16QAM189001RB#2421.9623.7633.00PASSBand25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18900	1RB#0	22.23	24.03	33.00	PASS
Band25MHz16QAM1890012RB#021.3623.1633.00PASSBand25MHz16QAM1890012RB#621.4223.2233.00PASSBand25MHz16QAM1890012RB#1321.2923.0933.00PASSBand25MHz16QAM1890025RB#021.3023.1033.00PASS	Band2	5MHz	16QAM	18900	1RB#12	22.37	24.17	33.00	PASS
Band2 5MHz 16QAM 18900 12RB#6 21.42 23.22 33.00 PASS Band2 5MHz 16QAM 18900 12RB#13 21.29 23.09 33.00 PASS Band2 5MHz 16QAM 18900 25RB#0 21.30 23.00 33.00 PASS	Band2	5MHz	16QAM	18900	1RB#24	21.96	23.76	33.00	PASS
Band2 5MHz 16QAM 18900 12RB#13 21.29 23.09 33.00 PASS Band2 5MHz 16QAM 18900 25RB#0 21.30 23.10 33.00 PASS	Band2	5MHz	16QAM	18900	12RB#0	21.36	23.16	33.00	PASS
Band2 5MHz 16QAM 18900 25RB#0 21.30 23.10 33.00 PASS	Band2	5MHz	16QAM	18900	12RB#6	21.42	23.22	33.00	PASS
	Band2	5MHz	16QAM	18900	12RB#13	21.29	23.09	33.00	PASS
Band2 5MHz 16QAM 19175 1RB#0 21.85 23.65 33.00 PASS	Band2	5MHz	16QAM	18900	25RB#0	21.30	23.10	33.00	PASS
	Band2	5MHz	16QAM	19175	1RB#0	21.85	23.65	33.00	PASS

SG:

Report No.: HR/2018/A000901 Page: 6 of 54

		1	1	1	1			
Band2	5MHz	16QAM	19175	1RB#12	22.38	24.18	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.43	23.23	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.29	23.09	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.37	23.17	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.35	23.15	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.43	23.23	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.61	25.41	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.25	25.05	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.30	25.10	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.25	24.05	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.43	24.23	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.45	24.25	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.42	24.22	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.44	25.24	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.26	25.06	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.50	25.30	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.23	24.03	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.34	24.14	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.47	24.27	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.37	24.17	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.52	25.32	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.40	25.20	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.47	25.27	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.22	24.02	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.25	24.05	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.24	24.04	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.26	24.06	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.94	23.74	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.34	24.14	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.82	23.62	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.50	23.30	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.47	23.27	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.37	23.17	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.47	23.27	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.93	23.73	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.10	23.90	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.10	23.90	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.33	23.13	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.41	23.21	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.49	23.29	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.38	23.18	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.30	24.10	33.00	PASS
		I	1	I	1	1	1	1

SG

Report No.: HR/2018/A000901 Page: 7 of 54

Band2 10MHz 16QAM 19150 1RB#29 22.20 24.00 33.00 PASS Band2 10MHz 16QAM 19150 2RBW 21.35 23.05 33.00 PASS Band2 10MHz 16QAM 19150 2SRB#12 21.35 23.05 33.00 PASS Band2 10MHz 16QAM 19150 2SRB#22 21.30 23.00 PASS Band2 10MHz 16QAM 19150 SORB#0 21.29 23.08 24.48 33.00 PASS Band2 15MHz QPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz QPSK 18675 36RB#10 22.15 23.30 PASS Band2 15MHz QPSK 18675 75RB#0 22.47 24.04 33.00 PASS Band2 15MHz QPSK 18070 178B#3 23.06 24.44 33.00 PASS Band2	·			r		1	r		
Band2 10MHz 16QAM 19150 25RB#0 21.35 23.15 33.00 PASS Band2 10MHz 16QAM 19150 25RB#12 21.25 23.05 33.00 PASS Band2 10MHz 16QAM 19150 25RB#25 21.30 23.00 PASS Band2 10MHz 0QPSK 18675 1RB#0 21.92 23.08 PASS Band2 15MHz QPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz QPSK 18675 36RB#18 22.23 24.04 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#78 23.06 24.84 33.00 PASS Band2 15MHz	Band2	10MHz	16QAM	19150	1RB#24	22.20	24.00	33.00	PASS
Band2 10MHz 16QAM 19150 25RB#12 21.25 23.00 33.00 PASS Band2 10MHz 16QAM 19150 25RB#25 21.30 23.10 33.00 PASS Band2 15MHz QPSK 18675 1RB#00 23.08 24.88 33.00 PASS Band2 15MHz QPSK 18675 1RB#74 23.32 25.12 33.00 PASS Band2 15MHz QPSK 18675 36RB#0 22.45 24.04 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.44 24.04 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.42 24.04 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.33 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.27 24.04 33.00 PASS	Band2	10MHz	16QAM	19150	1RB#49	21.91	23.71	33.00	PASS
Band2 10MHz 16QAM 19150 25RB#25 21.30 23.10 33.00 PASS Band2 10MHz 16QAM 19150 50RB#0 21.29 23.09 33.00 PASS Band2 15MHz QPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz QPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz QPSK 18675 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18675 36RB#18 22.23 24.07 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.24 24.07 33.00 PASS Band2 15MHz QPSK 18670 1RB#38 23.06 24.66 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.13 23.93 30.00 PASS	Band2	10MHz	16QAM	19150	25RB#0	21.35	23.15	33.00	PASS
Band2 10MHz 16QAM 19150 50RB#0 21.29 23.09 33.00 PASS Band2 15MHz QPSK 18675 1RB#0 23.08 24.88 33.00 PASS Band2 15MHz QPSK 18675 1RB#74 23.32 25.12 33.00 PASS Band2 15MHz QPSK 18675 36RB#0 22.15 23.95 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 3.00 PASS Band2 15MHz QPSK 18900 36RB#70 22.17 23.93 3.00 PASS Band2 15MHz QPSK 18900 36RB#73 22.44 4.04 3.00 PASS <t< td=""><td>Band2</td><td>10MHz</td><td>16QAM</td><td>19150</td><td>25RB#12</td><td>21.25</td><td>23.05</td><td>33.00</td><td>PASS</td></t<>	Band2	10MHz	16QAM	19150	25RB#12	21.25	23.05	33.00	PASS
Band2 15MHz OPSK 18675 1RB#0 23.08 24.88 33.00 PASS Band2 15MHz OPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz OPSK 18675 1RB#74 23.32 25.12 33.00 PASS Band2 15MHz OPSK 18675 36RB#60 22.15 23.95 33.00 PASS Band2 15MHz OPSK 18675 36RB#78 22.24 24.04 33.00 PASS Band2 15MHz OPSK 18675 75RBa0 22.27 24.07 33.00 PASS Band2 15MHz OPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz OPSK 18900 36RB#18 22.33 23.03 PASS Band2 15MHz OPSK 18900 36RB#39 22.44 24.04 33.00 PASS Band2	Band2	10MHz	16QAM	19150	25RB#25	21.30	23.10	33.00	PASS
Bandz 15MHz QPSK 18675 1RB#38 22.94 24.74 33.00 PASS Band2 15MHz QPSK 18675 1RB#74 23.32 25.12 33.00 PASS Band2 15MHz QPSK 18675 36RB#0 22.15 23.95 33.00 PASS Band2 15MHz QPSK 18675 36RB#0 22.23 24.04 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#0 23.30 25.10 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.17 23.97 33.00 PASS <	Band2	10MHz	16QAM	19150	50RB#0	21.29	23.09	33.00	PASS
Band2 15MHz QPSK 18675 1RB#74 23.32 25.12 33.00 PASS Band2 15MHz QPSK 18675 36RB#0 22.15 23.95 33.00 PASS Band2 15MHz QPSK 18675 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18800 1RB#0 23.30 25.10 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 3.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS <	Band2	15MHz	QPSK	18675	1RB#0	23.08	24.88	33.00	PASS
Band2 15MHz QPSK 18675 36RB#0 22.15 23.95 33.00 PASS Band2 15MHz QPSK 18675 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 19125 1RB#70 23.04 24.84 33.00 PASS	Band2	15MHz	QPSK	18675	1RB#38	22.94	24.74	33.00	PASS
Band2 15MHz QPSK 18675 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18675 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#70 23.04 24.84 33.00 PASS	Band2	15MHz	QPSK	18675	1RB#74	23.32	25.12	33.00	PASS
Band2 15MHz QPSK 18675 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18675 75RB#0 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#0 23.30 25.10 33.00 PASS Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 36RB#18 22.02 23.88 33.00 PASS	Band2	15MHz	QPSK	18675	36RB#0	22.15	23.95	33.00	PASS
Band2 15MHz QPSK 18675 75RB40 22.27 24.07 33.00 PASS Band2 15MHz QPSK 18900 1RB#0 23.30 25.10 33.00 PASS Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS <	Band2	15MHz	QPSK	18675	36RB#18	22.23	24.03	33.00	PASS
Band2 15MHz QPSK 18900 1RB#0 23.30 25.10 33.00 PASS Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.14 24.04 33.00 PASS Band2 15MHz QPSK 19900 75RB#0 22.17 39.7 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.84 33.00 PASS Band2 15MHz QPSK 19125 36RB#18 22.02 23.82 33.00 PASS <	Band2	15MHz	QPSK	18675	36RB#39	22.24	24.04	33.00	PASS
Band2 15MHz QPSK 18900 1RB#38 23.06 24.86 33.00 PASS Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS	Band2	15MHz	QPSK	18675	75RB#0	22.27	24.07	33.00	PASS
Band2 15MHz QPSK 18900 1RB#74 23.13 24.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 76RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#74 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#74 23.09 24.89 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.86 30.00 PASS	Band2	15MHz	QPSK	18900	1RB#0	23.30	25.10	33.00	PASS
Band2 15MHz QPSK 18900 36RB#0 22.13 23.93 33.00 PASS Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 76RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 36RB#18 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 21.97 23.77 33.00 PASS	Band2	15MHz	QPSK	18900	1RB#38	23.06	24.86	33.00	PASS
Band2 15MHz QPSK 18900 36RB#18 22.23 24.03 33.00 PASS Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 21.97 23.77 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 21.97 23.77 33.00 PASS	Band2	15MHz	QPSK	18900	1RB#74	23.13	24.93	33.00	PASS
Band2 15MHz QPSK 18900 36RB#39 22.24 24.04 33.00 PASS Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#74 23.09 24.89 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#18 22.08 23.86 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS Band2 15MHz QPSK 19125 76RB#0 21.07 23.77 33.00 PASS Band2 15MHz QPSK 19125 76RB#0 21.97 23.77 33.00 PASS	Band2	15MHz	QPSK	18900	36RB#0	22.13	23.93	33.00	PASS
Band2 15MHz QPSK 18900 75RB#0 22.17 23.97 33.00 PASS Band2 15MHz QPSK 19125 1RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 1RB#74 23.09 24.89 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.85 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 22.05 23.85 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 21.97 23.77 33.00 PASS <	Band2	15MHz	QPSK	18900	36RB#18	22.23	24.03	33.00	PASS
Band2 15MHz QPSK 19125 1RB#0 23.04 24.84 33.00 PASS Band2 15MHz QPSK 19125 1RB#38 23.16 24.96 33.00 PASS Band2 15MHz QPSK 19125 1RB#74 23.09 24.89 33.00 PASS Band2 15MHz QPSK 19125 36RB#0 22.02 23.82 33.00 PASS Band2 15MHz QPSK 19125 36RB#18 22.08 23.86 33.00 PASS Band2 15MHz QPSK 19125 36RB#39 22.06 23.86 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 22.05 23.85 33.00 PASS Band2 15MHz QPSK 19125 75RB#0 21.97 23.77 33.00 PASS Band2 15MHz 16QAM 18675 1RB#38 21.92 23.72 33.00 PASS	Band2	15MHz	QPSK	18900	36RB#39	22.24	24.04	33.00	PASS
Band215MHzQPSK191251RB#3823.1624.9633.00PASSBand215MHzQPSK191251RB#7423.0924.8933.00PASSBand215MHzQPSK1912536RB#022.0223.8233.00PASSBand215MHzQPSK1912536RB#1822.0823.8833.00PASSBand215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912536RB#3922.0623.8533.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHz16QAM186751RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.2223.0533.00PASSBand215MHz16QAM186001RB#3821.8723.6533.00PASSBand2 <td>Band2</td> <td>15MHz</td> <td>QPSK</td> <td>18900</td> <td>75RB#0</td> <td>22.17</td> <td>23.97</td> <td>33.00</td> <td>PASS</td>	Band2	15MHz	QPSK	18900	75RB#0	22.17	23.97	33.00	PASS
Band215MHzQPSK191251RB#7423.0924.8933.00PASSBand215MHzQPSK1912536RB#022.0223.8233.00PASSBand215MHzQPSK1912536RB#1822.0823.8833.00PASSBand215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHzQPSK1912575RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.6633.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand2 <td>Band2</td> <td>15MHz</td> <td>QPSK</td> <td>19125</td> <td>1RB#0</td> <td>23.04</td> <td>24.84</td> <td>33.00</td> <td>PASS</td>	Band2	15MHz	QPSK	19125	1RB#0	23.04	24.84	33.00	PASS
Band215MHzQPSK1912536RB#022.0223.8233.00PASSBand215MHzQPSK1912536RB#1822.0823.8833.00PASSBand215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912536RB#3922.0623.8533.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHz16QAM186751RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#1821.2223.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM1890036RB#1821.2123.0433.00PASSBand	Band2	15MHz	QPSK	19125	1RB#38	23.16	24.96	33.00	PASS
Band215MHzQPSK1912536RB#1822.0823.8833.00PASSBand215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHzQPSK1912575RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#021.9723.7233.00PASSBand215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand2 </td <td>Band2</td> <td>15MHz</td> <td>QPSK</td> <td>19125</td> <td>1RB#74</td> <td>23.09</td> <td>24.89</td> <td>33.00</td> <td>PASS</td>	Band2	15MHz	QPSK	19125	1RB#74	23.09	24.89	33.00	PASS
Band215MHzQPSK1912536RB#3922.0623.8633.00PASSBand215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHz16QAM186751RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM1890036RB#1821.2423.0433.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBa	Band2	15MHz	QPSK	19125	36RB#0	22.02	23.82	33.00	PASS
Band215MHzQPSK1912575RB#022.0523.8533.00PASSBand215MHz16QAM186751RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBan	Band2	15MHz	QPSK	19125	36RB#18	22.08	23.88	33.00	PASS
Band215MHz16QAM186751RB#021.9723.7733.00PASSBand215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBa	Band2	15MHz	QPSK	19125	36RB#39	22.06	23.86	33.00	PASS
Band215MHz16QAM186751RB#3821.9223.7233.00PASSBand215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASS <t< td=""><td>Band2</td><td>15MHz</td><td>QPSK</td><td>19125</td><td>75RB#0</td><td>22.05</td><td>23.85</td><td>33.00</td><td>PASS</td></t<>	Band2	15MHz	QPSK	19125	75RB#0	22.05	23.85	33.00	PASS
Band215MHz16QAM186751RB#7421.8523.6533.00PASSBand215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASS <t< td=""><td>Band2</td><td>15MHz</td><td>16QAM</td><td>18675</td><td>1RB#0</td><td>21.97</td><td>23.77</td><td>33.00</td><td>PASS</td></t<>	Band2	15MHz	16QAM	18675	1RB#0	21.97	23.77	33.00	PASS
Band215MHz16QAM1867536RB#021.2323.0333.00PASSBand215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.2223.0233.00PASSBand215MHz16QAM1890036RB#3921.2223.0233.00PASSBand215MHz16QAM1890036RB#3921.2223.0233.00PASS <td>Band2</td> <td>15MHz</td> <td>16QAM</td> <td>18675</td> <td>1RB#38</td> <td>21.92</td> <td>23.72</td> <td>33.00</td> <td>PASS</td>	Band2	15MHz	16QAM	18675	1RB#38	21.92	23.72	33.00	PASS
Band215MHz16QAM1867536RB#1821.2523.0533.00PASSBand215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM1867575RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS <td>Band2</td> <td>15MHz</td> <td>16QAM</td> <td>18675</td> <td>1RB#74</td> <td>21.85</td> <td>23.65</td> <td>33.00</td> <td>PASS</td>	Band2	15MHz	16QAM	18675	1RB#74	21.85	23.65	33.00	PASS
Band215MHz16QAM1867536RB#3921.3223.1233.00PASSBand215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.2223.0233.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS	Band2	15MHz	16QAM	18675	36RB#0	21.23	23.03	33.00	PASS
Band215MHz16QAM1867575RB#021.2623.0633.00PASSBand215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS	Band2	15MHz	16QAM	18675	36RB#18	21.25	23.05	33.00	PASS
Band215MHz16QAM189001RB#021.7223.5233.00PASSBand215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS	Band2	15MHz	16QAM	18675	36RB#39	21.32	23.12	33.00	PASS
Band215MHz16QAM189001RB#3821.8723.6733.00PASSBand215MHz16QAM189001RB#7422.2324.0333.00PASSBand215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS	Band2	15MHz	16QAM	18675	75RB#0	21.26	23.06	33.00	PASS
Band2 15MHz 16QAM 18900 1RB#74 22.23 24.03 33.00 PASS Band2 15MHz 16QAM 18900 36RB#0 21.24 23.04 33.00 PASS Band2 15MHz 16QAM 18900 36RB#0 21.24 23.04 33.00 PASS Band2 15MHz 16QAM 18900 36RB#18 21.21 23.01 33.00 PASS Band2 15MHz 16QAM 18900 36RB#39 21.16 22.96 33.00 PASS Band2 15MHz 16QAM 18900 75RB#0 21.22 23.02 33.00 PASS	Band2	15MHz	16QAM	18900	1RB#0	21.72	23.52	33.00	PASS
Band215MHz16QAM1890036RB#021.2423.0433.00PASSBand215MHz16QAM1890036RB#1821.2123.0133.00PASSBand215MHz16QAM1890036RB#3921.1622.9633.00PASSBand215MHz16QAM1890075RB#021.2223.0233.00PASS	Band2	15MHz	16QAM	18900	1RB#38	21.87	23.67	33.00	PASS
Band2 15MHz 16QAM 18900 36RB#18 21.21 23.01 33.00 PASS Band2 15MHz 16QAM 18900 36RB#39 21.16 22.96 33.00 PASS Band2 15MHz 16QAM 18900 36RB#39 21.16 22.96 33.00 PASS Band2 15MHz 16QAM 18900 75RB#0 21.22 23.02 33.00 PASS	Band2	15MHz	16QAM	18900	1RB#74	22.23	24.03	33.00	PASS
Band2 15MHz 16QAM 18900 36RB#39 21.16 22.96 33.00 PASS Band2 15MHz 16QAM 18900 75RB#0 21.22 23.02 33.00 PASS	Band2	15MHz	16QAM	18900	36RB#0	21.24	23.04	33.00	PASS
Band2 15MHz 16QAM 18900 75RB#0 21.22 23.02 33.00 PASS	Band2	15MHz	16QAM	18900	36RB#18	21.21	23.01	33.00	PASS
	Band2	15MHz	16QAM	18900	36RB#39	21.16	22.96	33.00	PASS
Band2 15MHz 16QAM 19125 1RB#0 21.67 23.47 33.00 PASS	Band2	15MHz	16QAM	18900	75RB#0	21.22	23.02	33.00	PASS
	Band2	15MHz	16QAM	19125	1RB#0	21.67	23.47	33.00	PASS

SG

Report No.: HR/2018/A000901 Page: 8 of 54

Band2 15MHz 16QAM 19125 1RB#34 21.59 23.39 33.00 PASS Band2 15MHz 16QAM 19125 3RB#0 21.10 22.20 33.00 PASS Band2 15MHz 16QAM 19125 36RB#18 21.00 22.82 33.00 PASS Band2 15MHz 16QAM 19125 36RB#39 21.02 22.82 33.00 PASS Band2 15MHz 16QAM 19125 37RB#0 21.10 22.94 33.00 PASS Band2 20MHz QPSK 18700 1RB#0 22.07 24.47 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 1RB#99 23.07 24.47 33.00 PASS	r		1		1	1			
Band2 15MHz 16QAM 19125 36RB#0 21.10 22.90 33.00 PASS Band2 15MHz 16QAM 19125 36RB#18 21.06 22.86 33.00 PASS Band2 15MHz 16QAM 19125 36RB#18 21.02 22.82 33.00 PASS Band2 20MHz QPSK 18700 1RB#0 21.02 22.84 33.00 PASS Band2 20MHz QPSK 18700 1RB#99 23.13 24.93 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 10RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.07 23.82 33.00 PASS	Band2	15MHz	16QAM	19125	1RB#38	21.59	23.39	33.00	PASS
Band2 15MHz 16QAM 19125 36RB#18 21.06 22.88 33.00 PASS Band2 15MHz 16QAM 19125 36RB#39 21.02 22.82 33.00 PASS Band2 20MHz QPSK 18700 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18700 1RB#99 23.13 24.93 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.01 23.86 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#25 22.07 23.87 33.00 PASS	Band2	15MHz	16QAM	19125	1RB#74	21.51	23.31	33.00	PASS
Band2 15MHz 16QAM 19125 36RB#39 21.02 22.82 33.00 PASS Band2 15MHz 16QAM 19125 75RB#0 21.10 22.90 33.00 PASS Band2 20MHz QPSK 18700 1RB#49 22.95 24.75 33.00 PASS Band2 20MHz QPSK 18700 1RB#49 22.95 24.75 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 23.17 24.97 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS	Band2	15MHz	16QAM	19125	36RB#0	21.10	22.90	33.00	PASS
Band2 15MHz 16QAM 19125 75RB#0 21.10 22.90 33.00 PASS Band2 20MHz QPSK 18700 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18700 1RB#49 22.95 24.75 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.86 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS <	Band2	15MHz	16QAM	19125	36RB#18	21.06	22.86	33.00	PASS
Band2 20MHz QPSK 18700 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18700 1RB#49 22.95 24.75 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.15 23.95 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#25 22.07 23.82 33.00 PASS	Band2	15MHz	16QAM	19125	36RB#39	21.02	22.82	33.00	PASS
Band2 20MHz QPSK 18700 1RB#49 22.95 24.75 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.83 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.11 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.81 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS	Band2	15MHz	16QAM	19125	75RB#0	21.10	22.90	33.00	PASS
Band2 20MHz QPSK 18700 1RB#99 23.13 24.93 33.00 PASS Band2 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.17 24.97 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS	Band2	20MHz	QPSK	18700	1RB#0	23.07	24.87	33.00	PASS
Bandz 20MHz QPSK 18700 50RB#0 22.08 23.88 33.00 PASS Band2 20MHz QPSK 18700 50RB#25 22.15 23.95 33.00 PASS Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.95 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.07 23.87 33.00 PASS Band2 20MHz QPSK 19100 10RB#0 22.07 23.87 33.00 PASS	Band2	20MHz	QPSK	18700	1RB#49	22.95	24.75	33.00	PASS
Band2 20MHz QPSK 18700 50RB#25 22.15 23.95 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.07 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 20.87 24.67 33.00 PASS	Band2	20MHz	QPSK	18700	1RB#99	23.13	24.93	33.00	PASS
Band2 20MHz QPSK 18700 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.17 24.97 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.87 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 1RB#9 23.02 24.82 33.00 PASS <t< td=""><td>Band2</td><td>20MHz</td><td>QPSK</td><td>18700</td><td>50RB#0</td><td>22.08</td><td>23.88</td><td>33.00</td><td>PASS</td></t<>	Band2	20MHz	QPSK	18700	50RB#0	22.08	23.88	33.00	PASS
Band2 20MHz QPSK 18700 100RB#0 22.16 23.96 33.00 PASS Band2 20MHz QPSK 18900 1RB#0 23.17 24.97 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.02 23.85 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.85 33.00 PASS Band2 20MHz QPSK 19100 1RB#49 23.02 24.82 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS	Band2	20MHz	QPSK	18700	50RB#25	22.15	23.95	33.00	PASS
Band2 20MHz QPSK 18900 1RB#0 23.17 24.97 33.00 PASS Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#25 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#49 23.02 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#49 23.02 24.87 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.177 23.57 33.00 PASS	Band2	20MHz	QPSK	18700	50RB#50	22.01	23.81	33.00	PASS
Band2 20MHz QPSK 18900 1RB#49 23.07 24.87 33.00 PASS Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.02 23.82 33.00 PASS Band2 20MHz QPSK 1900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#99 23.64 24.82 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#25 21.99 23.70 33.00 PASS	Band2	20MHz	QPSK	18700	100RB#0	22.16	23.96	33.00	PASS
Band2 20MHz QPSK 18900 1RB#99 23.08 24.88 33.00 PASS Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#25 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.05 23.82 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.87 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#99 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.01 23.81 33.00 PASS	Band2	20MHz	QPSK	18900	1RB#0	23.17	24.97	33.00	PASS
Band2 20MHz QPSK 18900 50RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 18900 50RB#25 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.05 23.85 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.87 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#99 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#25 21.99 23.79 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS	Band2	20MHz	QPSK	18900	1RB#49	23.07	24.87	33.00	PASS
Band2 20MHz QPSK 18900 50RB#25 22.07 23.87 33.00 PASS Band2 20MHz QPSK 18900 50RB#50 22.05 23.85 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.87 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#9 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#25 21.99 23.79 33.00 PASS Band2 20MHz QPSK 19100 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS	Band2	20MHz	QPSK	18900	1RB#99	23.08	24.88	33.00	PASS
Band2 20MHz QPSK 18900 50RB#50 22.05 23.85 33.00 PASS Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.87 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#49 23.02 24.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#99 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz 16QAM 18700 1RB#0 21.90 23.77 33.00 PASS	Band2	20MHz	QPSK	18900	50RB#0	22.02	23.82	33.00	PASS
Band2 20MHz QPSK 18900 100RB#0 22.02 23.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#0 22.87 24.67 33.00 PASS Band2 20MHz QPSK 19100 1RB#49 23.02 24.82 33.00 PASS Band2 20MHz QPSK 19100 1RB#99 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#25 21.99 23.79 33.00 PASS Band2 20MHz QPSK 19100 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz 16QAM 18700 1RB#0 21.97 23.77 33.00 PASS	Band2	20MHz	QPSK	18900	50RB#25	22.07	23.87	33.00	PASS
Band220MHzQPSK191001RB#022.8724.6733.00PASSBand220MHzQPSK191001RB#4923.0224.8233.00PASSBand220MHzQPSK191001RB#9923.5425.3433.00PASSBand220MHzQPSK1910050RB#021.7723.5733.00PASSBand220MHzQPSK1910050RB#2521.9923.7933.00PASSBand220MHzQPSK1910050RB#5022.0123.8133.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzQPSK19100100RB#021.9023.7733.00PASSBand220MHz16QAM187001RB#921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#021.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand2 <td>Band2</td> <td>20MHz</td> <td>QPSK</td> <td>18900</td> <td>50RB#50</td> <td>22.05</td> <td>23.85</td> <td>33.00</td> <td>PASS</td>	Band2	20MHz	QPSK	18900	50RB#50	22.05	23.85	33.00	PASS
Band220MHzQPSK191001RB#4923.0224.8233.00PASSBand220MHzQPSK191001RB#9923.5425.3433.00PASSBand220MHzQPSK1910050RB#021.7723.5733.00PASSBand220MHzQPSK1910050RB#2521.9923.7933.00PASSBand220MHzQPSK1910050RB#5022.0123.8133.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzI6QAM187001RB#021.8623.6633.00PASSBand220MHz16QAM187001RB#921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#921.6223.6633.00PASSBand2	Band2	20MHz	QPSK	18900	100RB#0	22.02	23.82	33.00	PASS
Band2 20MHz QPSK 19100 1RB#99 23.54 25.34 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz 16QAM 18700 1RB#0 21.86 23.66 33.00 PASS Band2 20MHz 16QAM 18700 1RB#99 21.47 23.27 33.00 PASS Band2 20MHz 16QAM 18700 50RB#25 21.02 22.82 33.00 PASS	Band2	20MHz	QPSK	19100	1RB#0	22.87	24.67	33.00	PASS
Band2 20MHz QPSK 19100 50RB#0 21.77 23.57 33.00 PASS Band2 20MHz QPSK 19100 50RB#25 21.99 23.79 33.00 PASS Band2 20MHz QPSK 19100 50RB#50 22.01 23.81 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz QPSK 19100 100RB#0 21.90 23.70 33.00 PASS Band2 20MHz 16QAM 18700 1RB#0 21.86 23.66 33.00 PASS Band2 20MHz 16QAM 18700 1RB#99 21.47 23.27 33.00 PASS Band2 20MHz 16QAM 18700 50RB#0 21.06 22.86 33.00 PASS Band2 20MHz 16QAM 18700 50RB#0 21.02 22.86 33.00 PASS	Band2	20MHz	QPSK	19100	1RB#49	23.02	24.82	33.00	PASS
Band220MHzQPSK1910050RB#2521.9923.7933.00PASSBand220MHzQPSK1910050RB#5022.0123.8133.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHzI6QAM187001RB#021.8623.6633.00PASSBand220MHz16QAM187001RB#4921.9723.7733.00PASSBand220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#921.2623.0633.00PASSBand220MHz16QAM189001RB#921.2623.0633.00PASSBand2<	Band2	20MHz	QPSK	19100	1RB#99	23.54	25.34	33.00	PASS
Band220MHzQPSK1910050RB#5022.0123.8133.00PASSBand220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHz16QAM187001RB#021.8623.6633.00PASSBand220MHz16QAM187001RB#4921.9723.7733.00PASSBand220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#021.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#921.2623.0633.00PASSBand2<	Band2	20MHz	QPSK	19100	50RB#0	21.77	23.57	33.00	PASS
Band220MHzQPSK19100100RB#021.9023.7033.00PASSBand220MHz16QAM187001RB#021.8623.6633.00PASSBand220MHz16QAM187001RB#4921.9723.7733.00PASSBand220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#020.9822.8133.00PASSBand220MHz16QAM1890050RB#021.0522.8533.00PASSBa	Band2	20MHz	QPSK	19100	50RB#25	21.99	23.79	33.00	PASS
Band220MHz16QAM187001RB#021.8623.6633.00PASSBand220MHz16QAM187001RB#4921.9723.7733.00PASSBand220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#921.7523.5533.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#020.9822.8533.00PASSBand220MHz16QAM1890050RB#021.0522.8533.00PASSBand220MHz16QAM1890050RB#021.0122.8133.00PASSBan	Band2	20MHz	QPSK	19100	50RB#50	22.01	23.81	33.00	PASS
Band220MHz16QAM187001RB#4921.9723.7733.00PASSBand220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#2521.0122.8133.00PASSBand220MHz16QAM1890050RB#2521.0122.8133.00PASS <td< td=""><td>Band2</td><td>20MHz</td><td>QPSK</td><td>19100</td><td>100RB#0</td><td>21.90</td><td>23.70</td><td>33.00</td><td>PASS</td></td<>	Band2	20MHz	QPSK	19100	100RB#0	21.90	23.70	33.00	PASS
Band220MHz16QAM187001RB#9921.4723.2733.00PASSBand220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASS <t< td=""><td>Band2</td><td>20MHz</td><td>16QAM</td><td>18700</td><td>1RB#0</td><td>21.86</td><td>23.66</td><td>33.00</td><td>PASS</td></t<>	Band2	20MHz	16QAM	18700	1RB#0	21.86	23.66	33.00	PASS
Band220MHz16QAM1870050RB#021.0622.8633.00PASSBand220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#020.9822.8533.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASS<	Band2	20MHz	16QAM	18700	1RB#49	21.97	23.77	33.00	PASS
Band220MHz16QAM1870050RB#2521.0222.8233.00PASSBand220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS <td>Band2</td> <td>20MHz</td> <td>16QAM</td> <td>18700</td> <td>1RB#99</td> <td>21.47</td> <td>23.27</td> <td>33.00</td> <td>PASS</td>	Band2	20MHz	16QAM	18700	1RB#99	21.47	23.27	33.00	PASS
Band220MHz16QAM1870050RB#5021.1222.9233.00PASSBand220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS	Band2	20MHz	16QAM	18700	50RB#0	21.06	22.86	33.00	PASS
Band220MHz16QAM18700100RB#021.0622.8633.00PASSBand220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS	Band2	20MHz	16QAM	18700	50RB#25	21.02	22.82	33.00	PASS
Band220MHz16QAM189001RB#021.6123.4133.00PASSBand220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS	Band2	20MHz	16QAM	18700	50RB#50	21.12	22.92	33.00	PASS
Band220MHz16QAM189001RB#4921.7523.5533.00PASSBand220MHz16QAM189001RB#9921.2623.0633.00PASSBand220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS	Band2	20MHz	16QAM	18700	100RB#0	21.06	22.86	33.00	PASS
Band2 20MHz 16QAM 18900 1RB#99 21.26 23.06 33.00 PASS Band2 20MHz 16QAM 18900 50RB#0 20.98 22.78 33.00 PASS Band2 20MHz 16QAM 18900 50RB#0 20.98 22.78 33.00 PASS Band2 20MHz 16QAM 18900 50RB#25 21.05 22.85 33.00 PASS Band2 20MHz 16QAM 18900 50RB#50 21.01 22.81 33.00 PASS Band2 20MHz 16QAM 18900 100RB#0 21.01 22.81 33.00 PASS Band2 20MHz 16QAM 18900 100RB#0 21.01 22.81 33.00 PASS	Band2	20MHz	16QAM	18900	1RB#0	21.61	23.41	33.00	PASS
Band220MHz16QAM1890050RB#020.9822.7833.00PASSBand220MHz16QAM1890050RB#2521.0522.8533.00PASSBand220MHz16QAM1890050RB#5021.0122.8133.00PASSBand220MHz16QAM18900100RB#021.0122.8133.00PASS	Band2	20MHz	16QAM	18900	1RB#49	21.75	23.55	33.00	PASS
Band2 20MHz 16QAM 18900 50RB#25 21.05 22.85 33.00 PASS Band2 20MHz 16QAM 18900 50RB#50 21.01 22.81 33.00 PASS Band2 20MHz 16QAM 18900 50RB#50 21.01 22.81 33.00 PASS Band2 20MHz 16QAM 18900 100RB#0 21.01 22.81 33.00 PASS	Band2	20MHz	16QAM	18900	1RB#99	21.26	23.06	33.00	PASS
Band2 20MHz 16QAM 18900 50RB#50 21.01 22.81 33.00 PASS Band2 20MHz 16QAM 18900 100RB#0 21.01 22.81 33.00 PASS	Band2	20MHz	16QAM	18900	50RB#0	20.98	22.78	33.00	PASS
Band2 20MHz 16QAM 18900 100RB#0 21.01 22.81 33.00 PASS	Band2	20MHz	16QAM	18900	50RB#25	21.05	22.85	33.00	PASS
	Band2	20MHz	16QAM	18900	50RB#50	21.01	22.81	33.00	PASS
Band2 20MHz 16QAM 19100 1RB#0 21.68 23.48 33.00 PASS	Band2	20MHz	16QAM	18900	100RB#0	21.01	22.81	33.00	PASS
	Band2	20MHz	16QAM	19100	1RB#0	21.68	23.48	33.00	PASS

Report No.: HR/2018/A000901 Page: 9 of 54

Band2	20MHz	16QAM	19100	1RB#49	22.17	23.97	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.65	23.45	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.08	22.88	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.08	22.88	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.07	22.87	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.04	22.84	33.00	PASS

Remark:

S(

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

Report No.: HR/2018/A000901 Page: 10 of 54

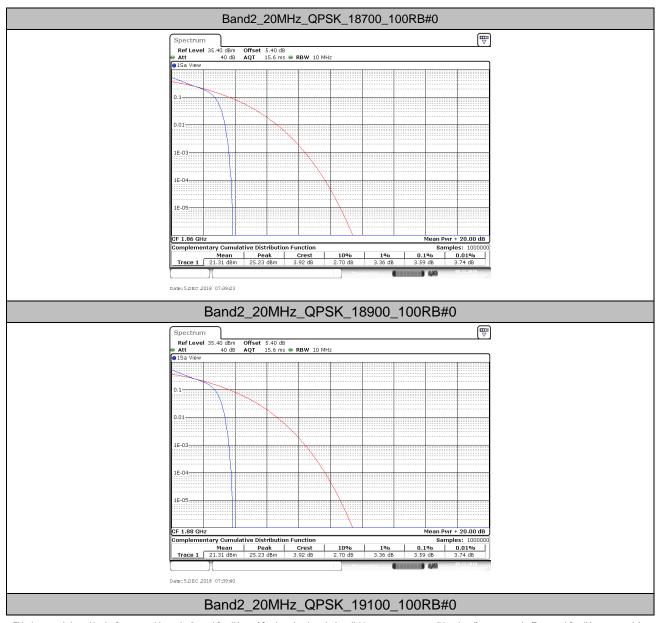
2. Peak-to-Average Ratio(CCDF)

2.1.Test Result

SC

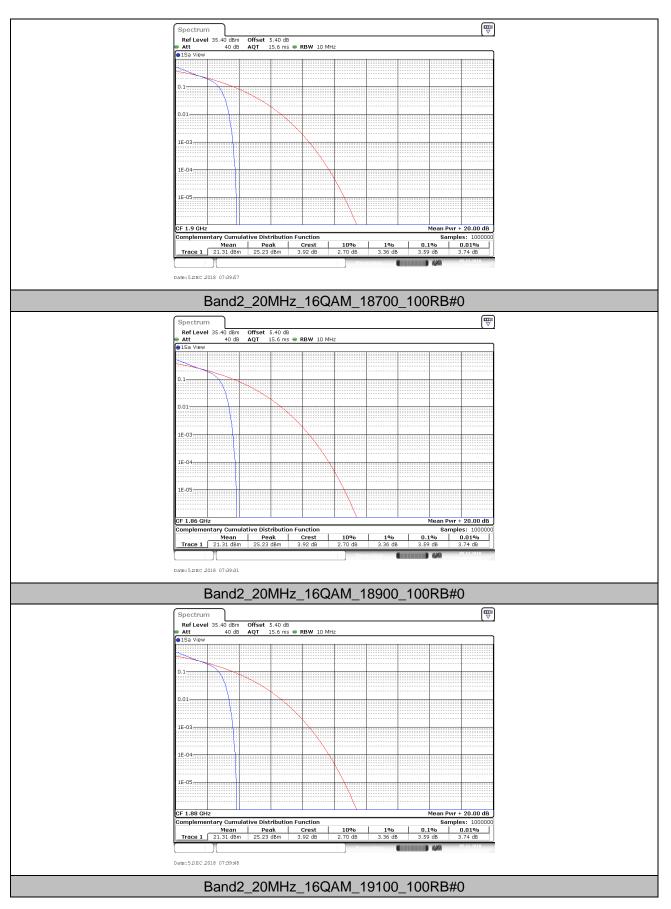
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	3.59	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	3.59	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	3.59	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	3.59	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	3.59	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	3.59	13	PASS

2.2. Test Plots



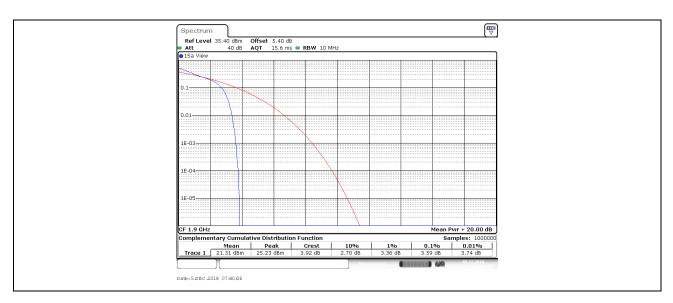


Report No.: HR/2018/A000901 Page: 11 of 54





Report No.: HR/2018/A000901 Page: 12 of 54



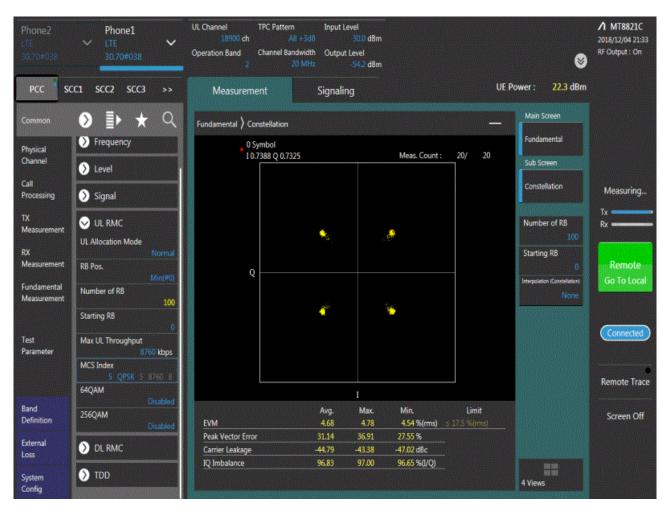
Report No.: HR/2018/A000901 Page: 13 of 54

3. Modulation Characteristics

3.1.Test BAND = LTE BAND2

3.1.1. Test Mode = LTE /TM1 20MHz

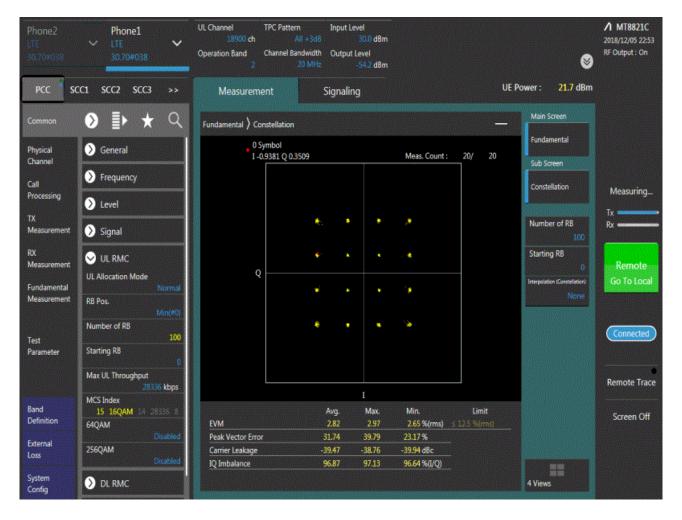
3.1.1.1. Test Channel = MCH



> Report No.: HR/2018/A000901 Page: 14 of 54

3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



Report No.: HR/2018/A000901 Page: 15 of 54

4. 26dB Bandwidth and Occupied Bandwidth

4.1.Test Result

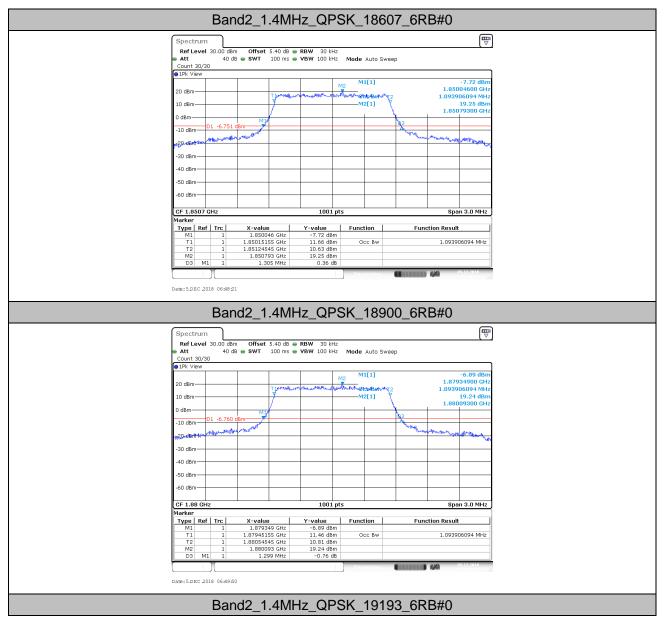
SG

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.094	1.305	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.299	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.311	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.278	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.094	1.296	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	3.012	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.703	3.012	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.691	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.982	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.980	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.950	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.920	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.990	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.970	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.496	4.970	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.720	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.760	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.720	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.720	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.911	9.780	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.760	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.820	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.790	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.700	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.760	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.790	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.822	19.520	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.862	19.520	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.822	19.520	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.822	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.440	PASS

Report No.: HR/2018/A000901 Page: 16 of 54

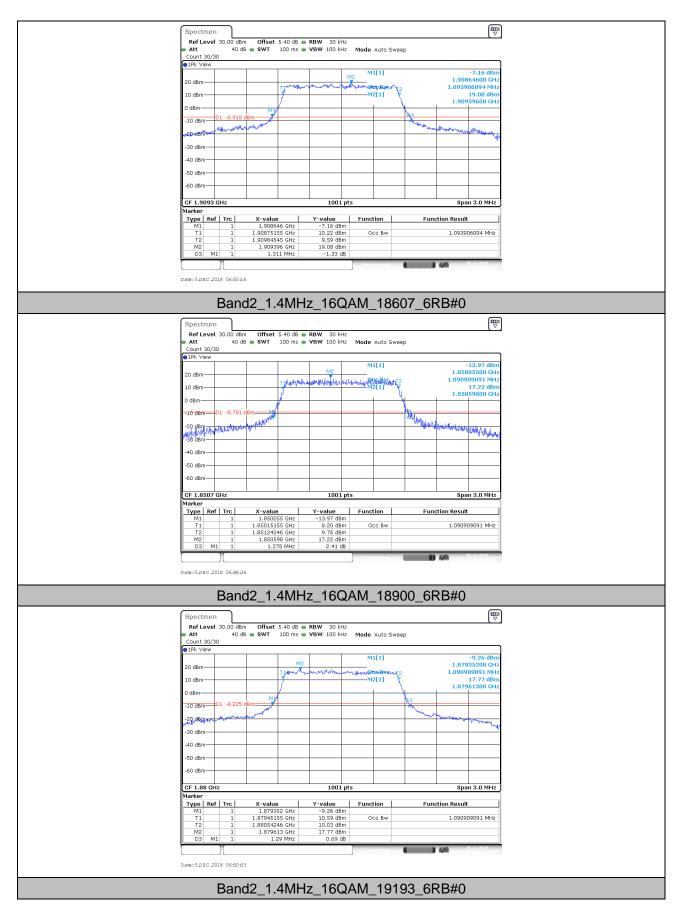
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.360	PASS	
-------	-------	-------	-------	---------	--------	--------	------	--

4.2. Test Plots



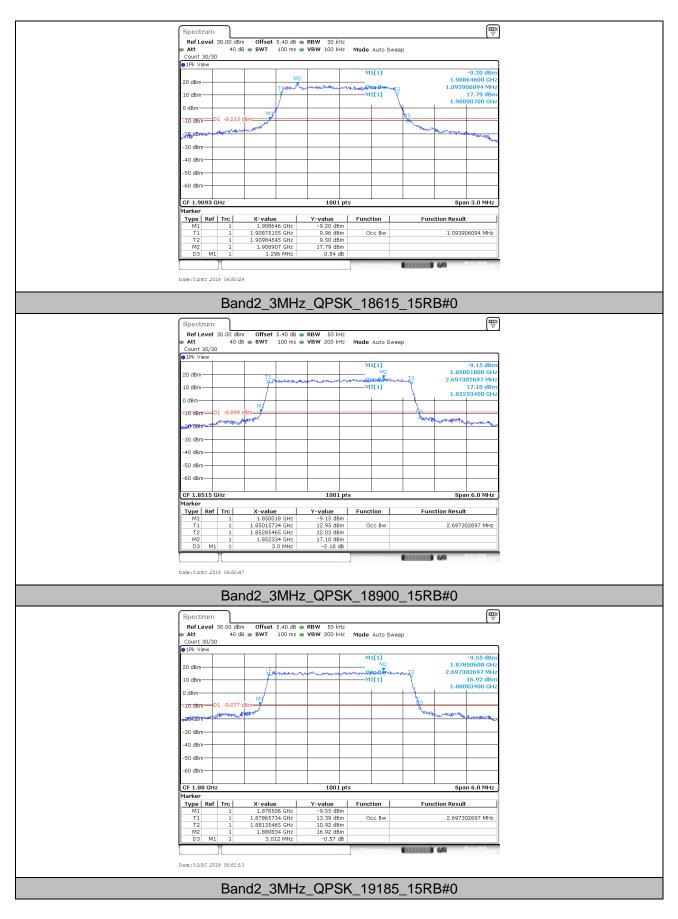


Report No.: HR/2018/A000901 Page: 17 of 54





Report No.: HR/2018/A000901 Page: 18 of 54



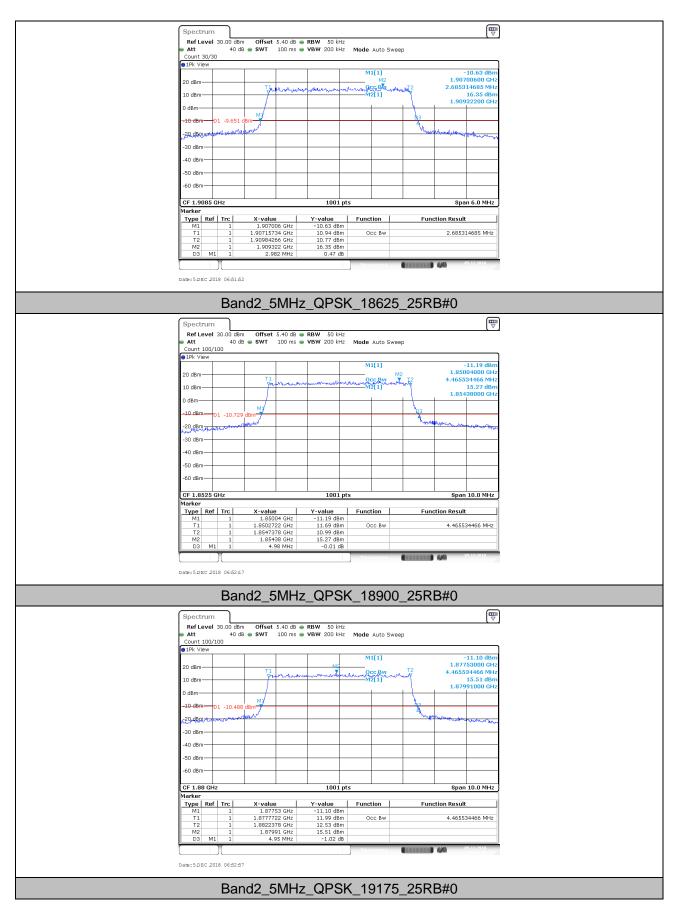


Report No.: HR/2018/A000901 Page: 19 of 54



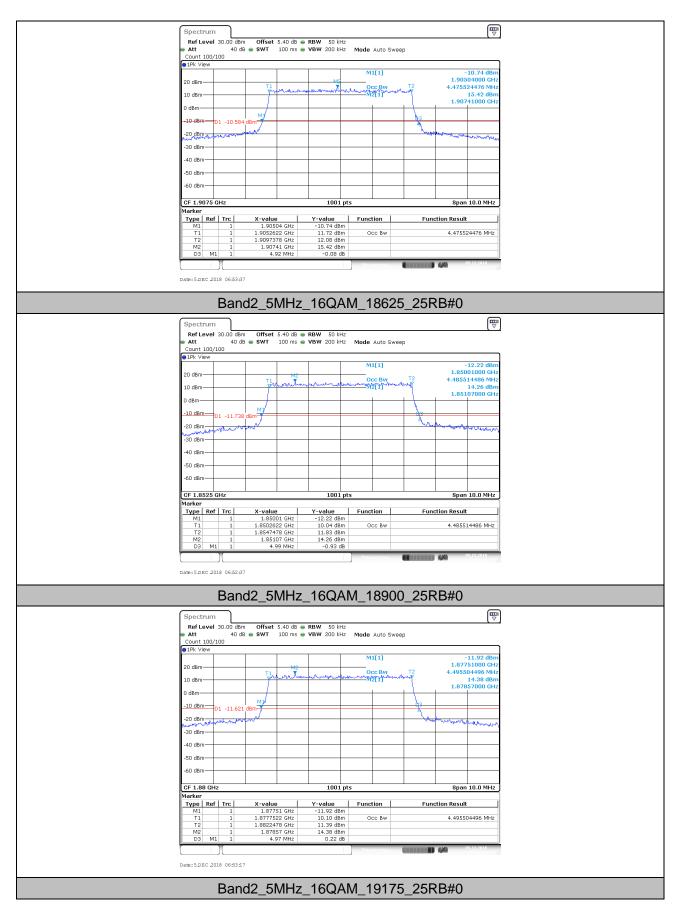


Report No.: HR/2018/A000901 Page: 20 of 54



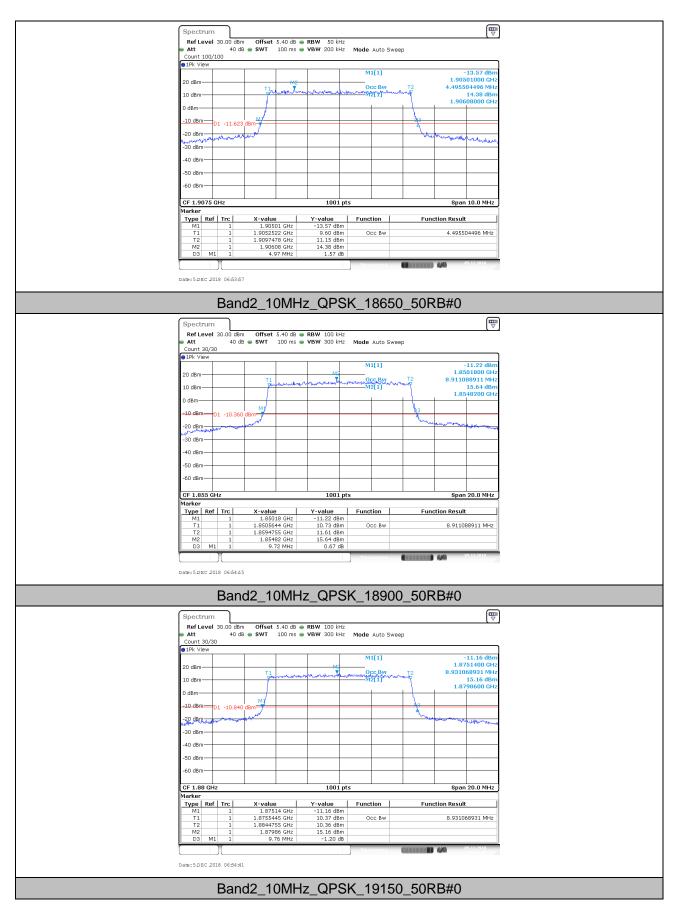


Report No.: HR/2018/A000901 Page: 21 of 54



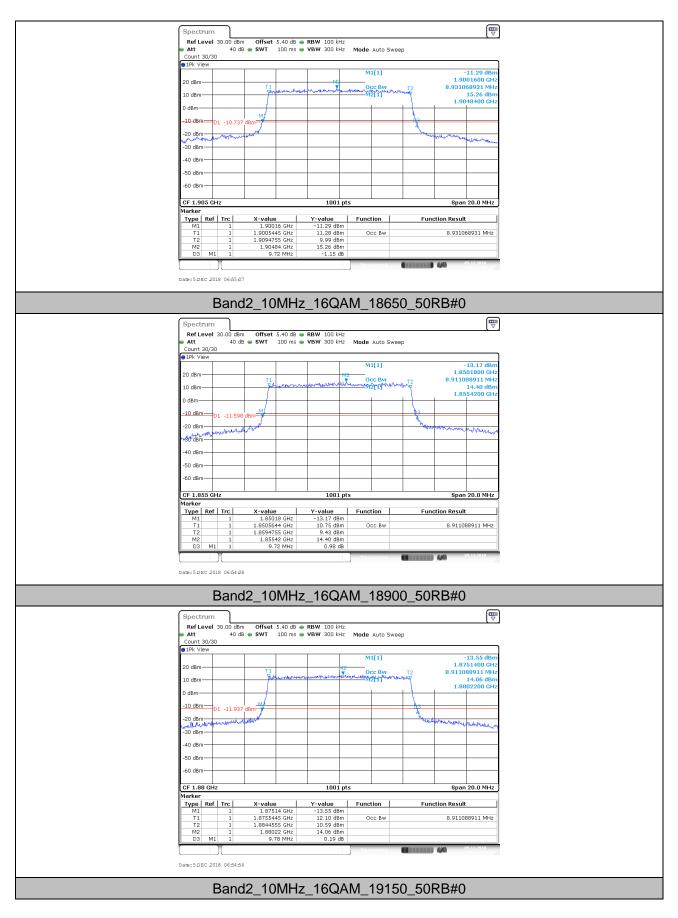


Report No.: HR/2018/A000901 Page: 22 of 54



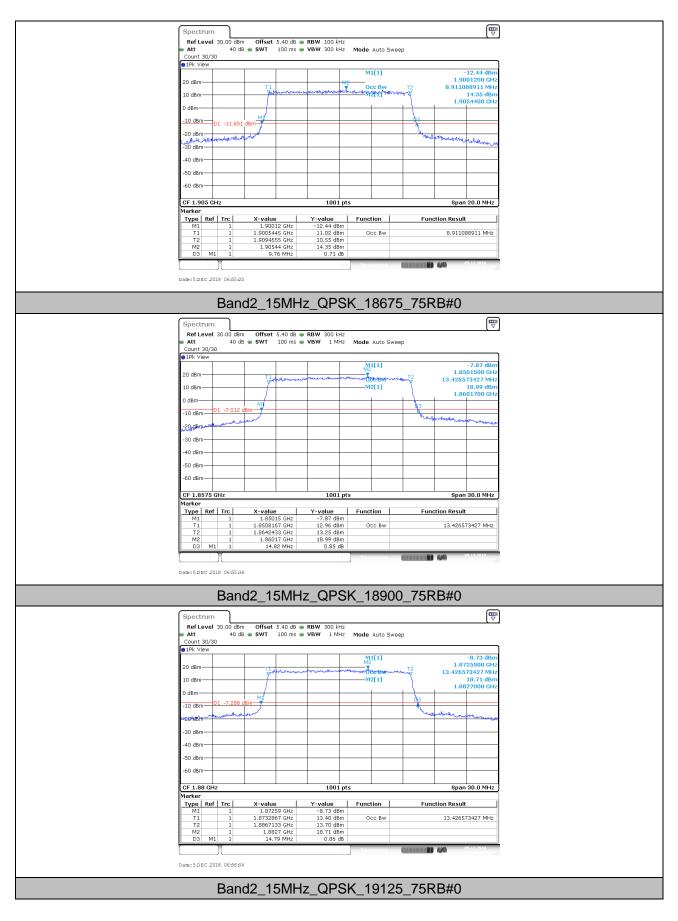


Report No.: HR/2018/A000901 Page: 23 of 54





Report No.: HR/2018/A000901 Page: 24 of 54



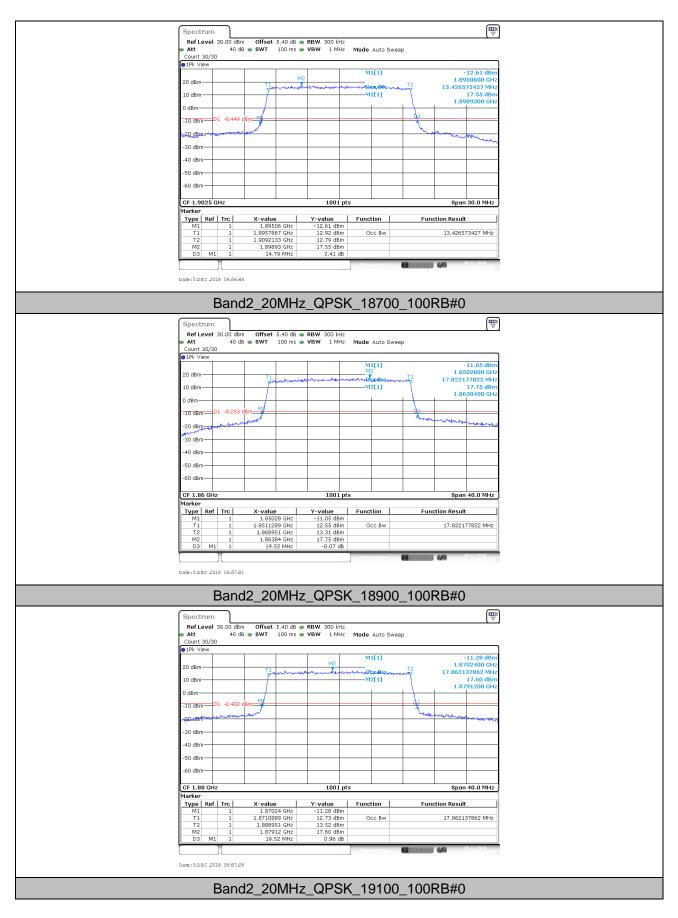


Report No.: HR/2018/A000901 Page: 25 of 54



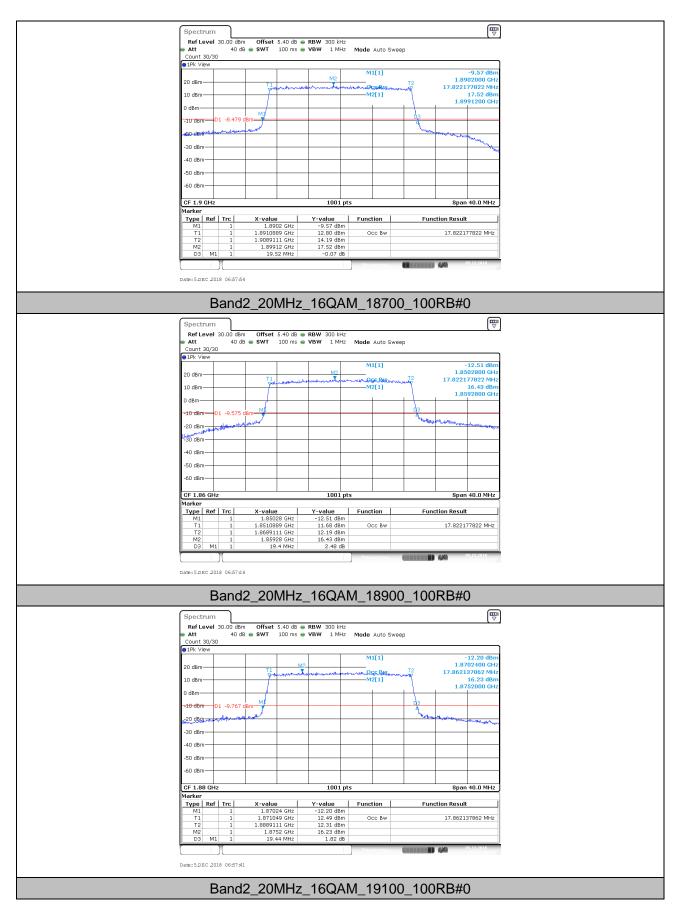


Report No.: HR/2018/A000901 Page: 26 of 54





Report No.: HR/2018/A000901 Page: 27 of 54





Report No.: HR/2018/A000901 Page: 28 of 54

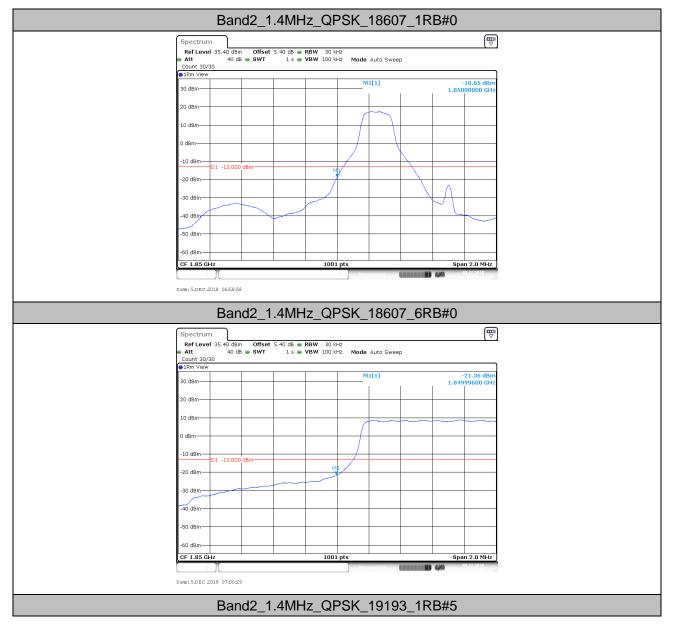
Spectrum Ref Level 30.00 dBr	m Offset 5.40 dB	BBW 300 kHz			
	B SWT 100 ms		Mode Auto Sw	een	
Count 30/30					
⊖1Pk View					
20 dBm	N	12	M1[1]		-10.70 dB 1.8902800 G
20 UBIII	T1	hopennonterne	mer Ree Bolling	T2	17.862137862 MI
10 dBm	Y 100 1 1 100		M2[1]	- and	16.25 dB
0 dBm	1				1.8952400 G
0 UBIN	Md			1	
-10 dBm D1 -9.746	dBm 🕇			43	
-20 dBm	and			have been	
The contraction of the contracti					and all have proved a stream of the
-30 dBm				_	- Contraction
-40 dBm					
-50 dBm					
-60 dBm					
-ou usm					
CF 1.9 GHz		1001 pt	s		Span 40.0 MH
Marker					
Type Ref Trc	X-value	Y-value	Function	Fur	nction Result
M1 1	1.89028 GHz	-10.70 dBm			
T1 1 T2 1	1.891049 GHz 1.9089111 GHz	11.84 dBm 11.24 dBm	Occ Bw		17.862137862 MH
M2 1	1.89524 GHz	16.25 dBm			
D3 M1 1	19.36 MHz	0.41 dB			
			Massuring		05.12.2018



Report No.: HR/2018/A000901 Page: 29 of 54

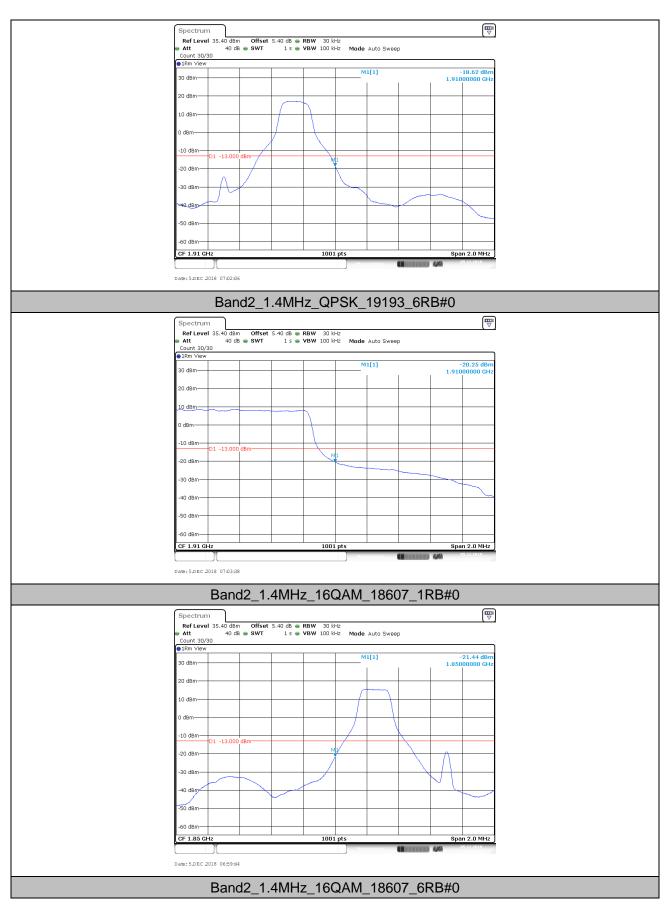
5. Band Edge Compliance

5.1.Test Plots



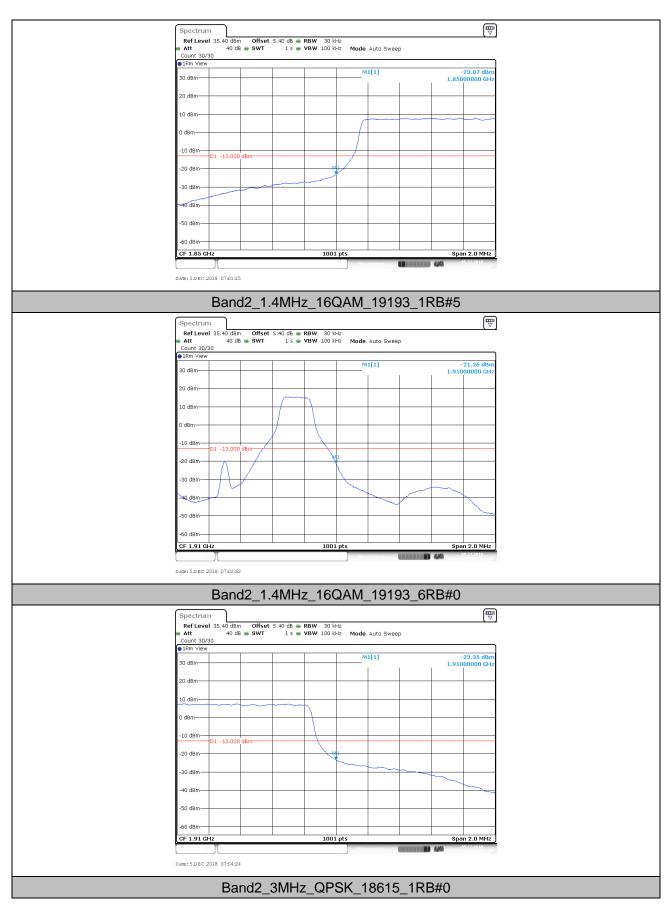


Report No.: HR/2018/A000901 Page: 30 of 54



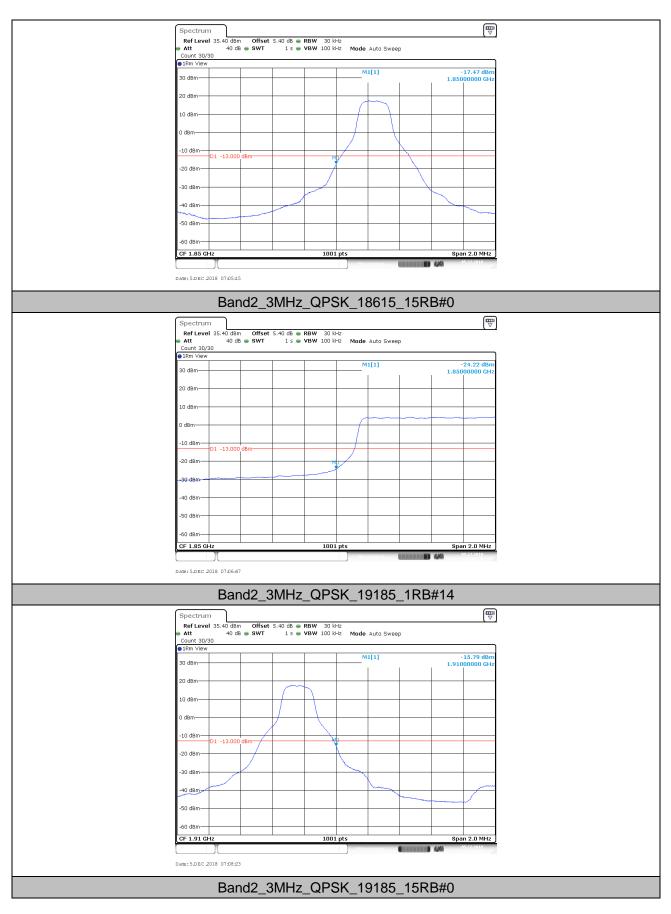


Report No.: HR/2018/A000901 Page: 31 of 54



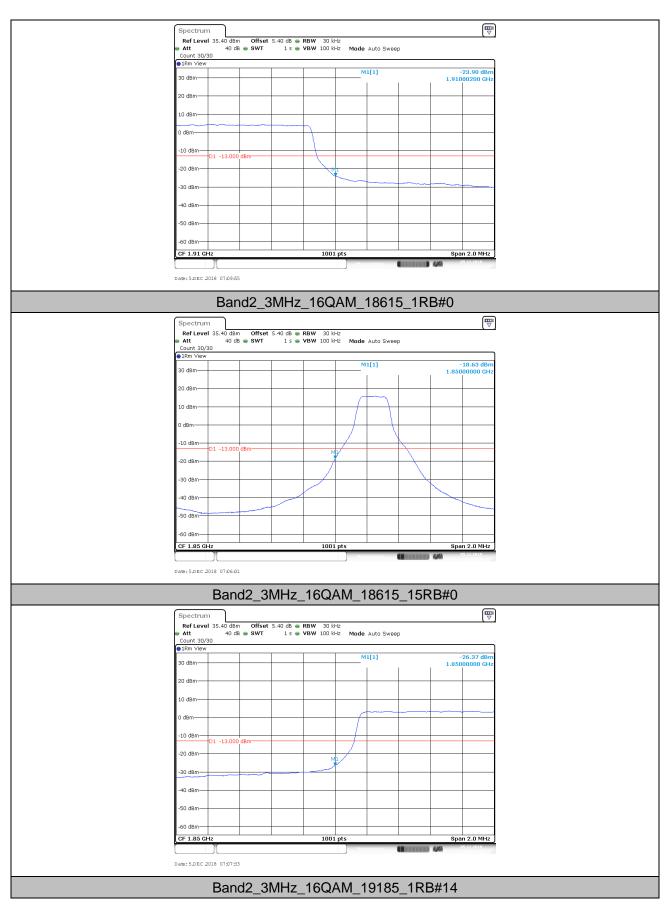


Report No.: HR/2018/A000901 Page: 32 of 54



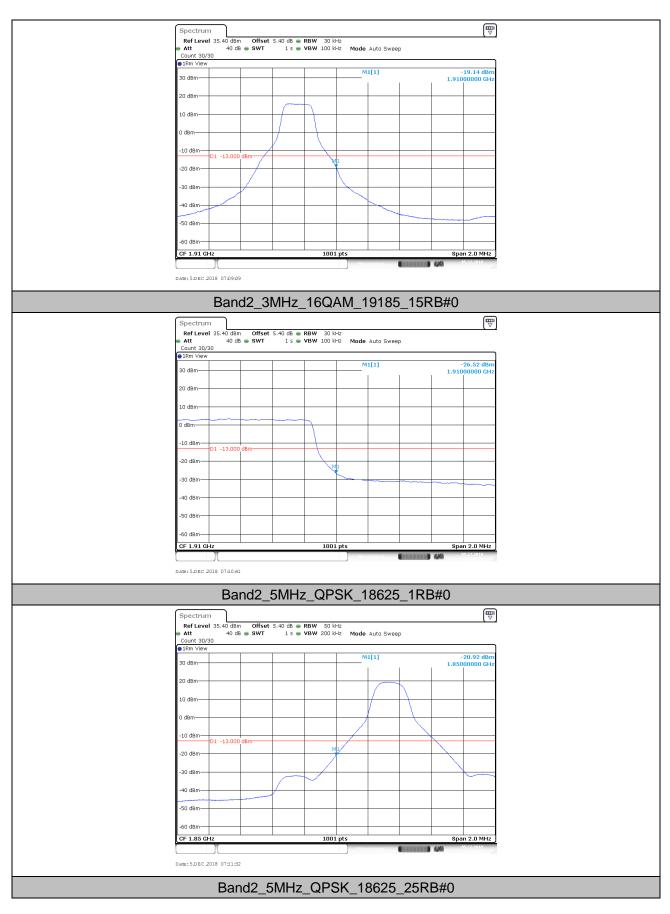


Report No.: HR/2018/A000901 Page: 33 of 54



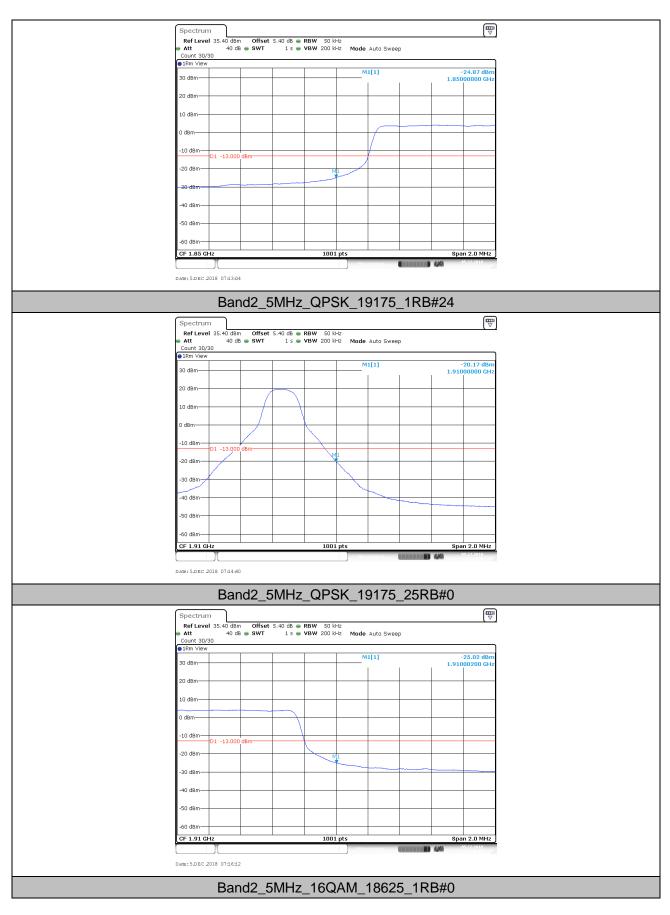


Report No.: HR/2018/A000901 Page: 34 of 54



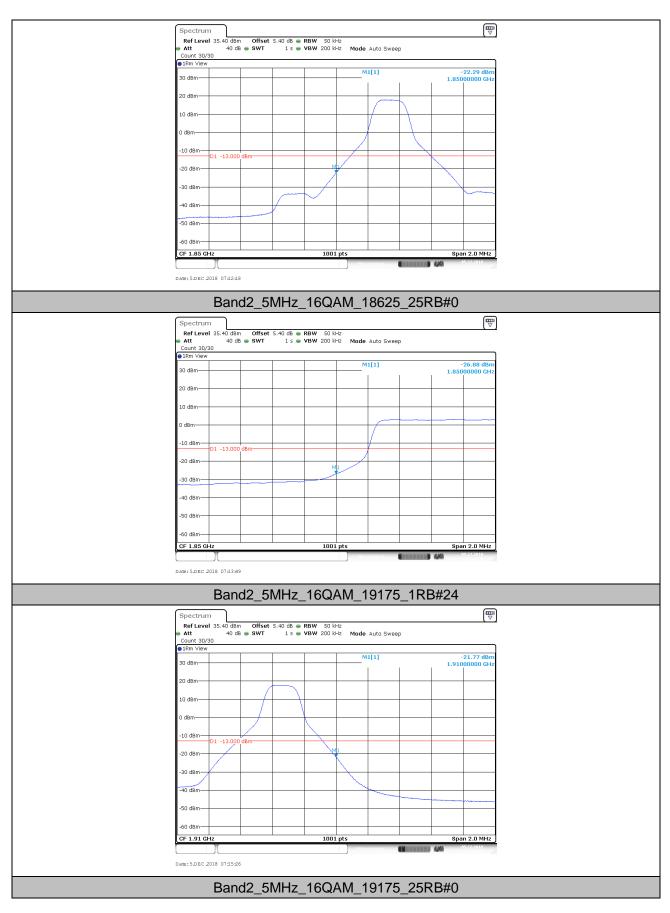


Report No.: HR/2018/A000901 Page: 35 of 54



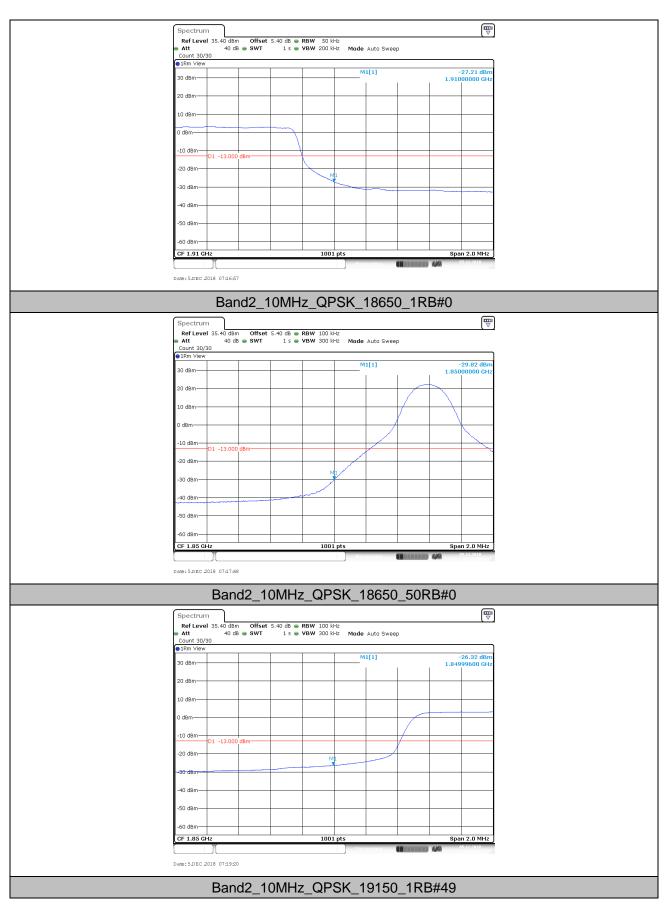


Report No.: HR/2018/A000901 Page: 36 of 54



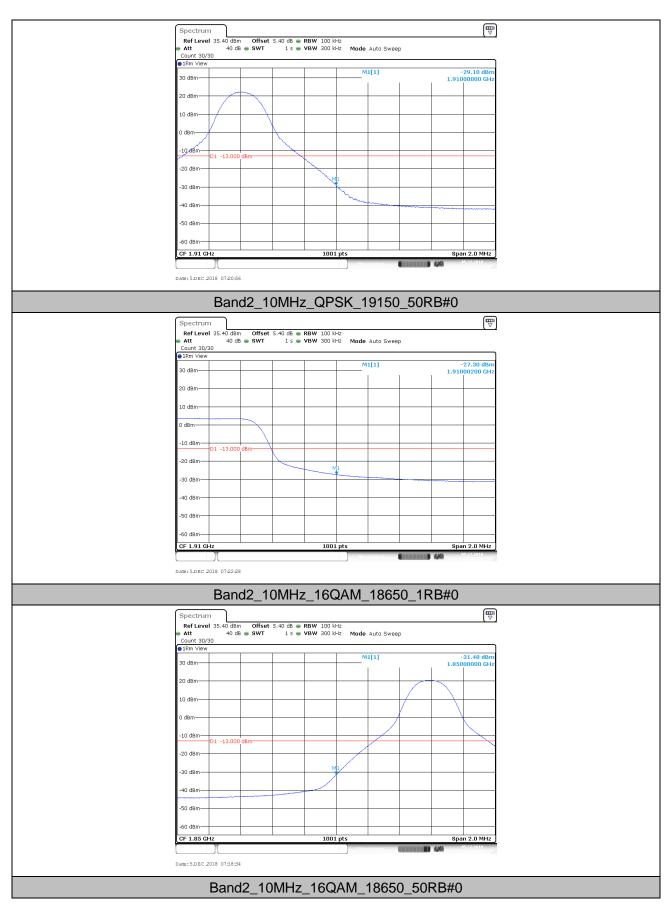


Report No.: HR/2018/A000901 Page: 37 of 54



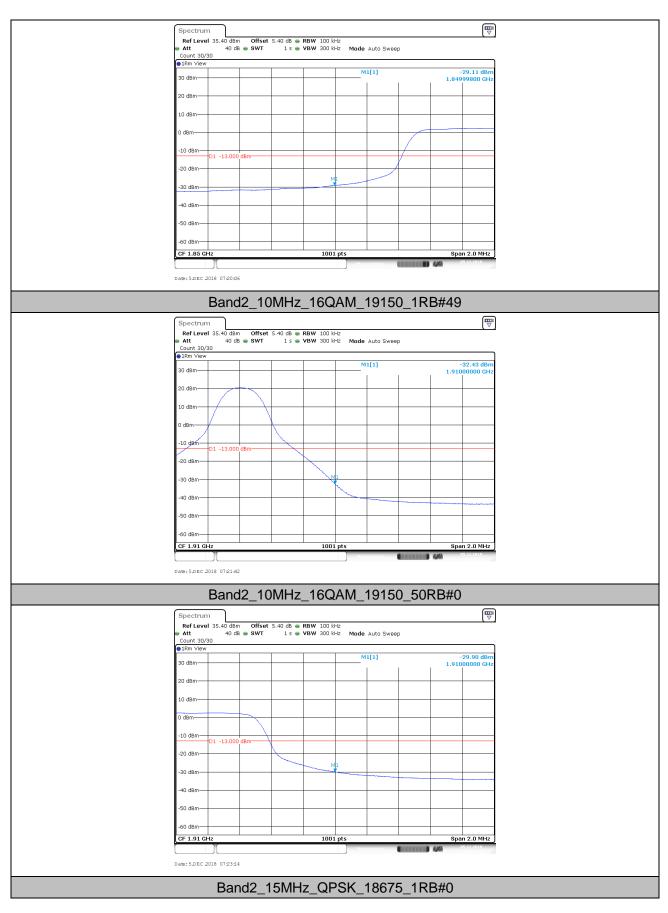


Report No.: HR/2018/A000901 Page: 38 of 54



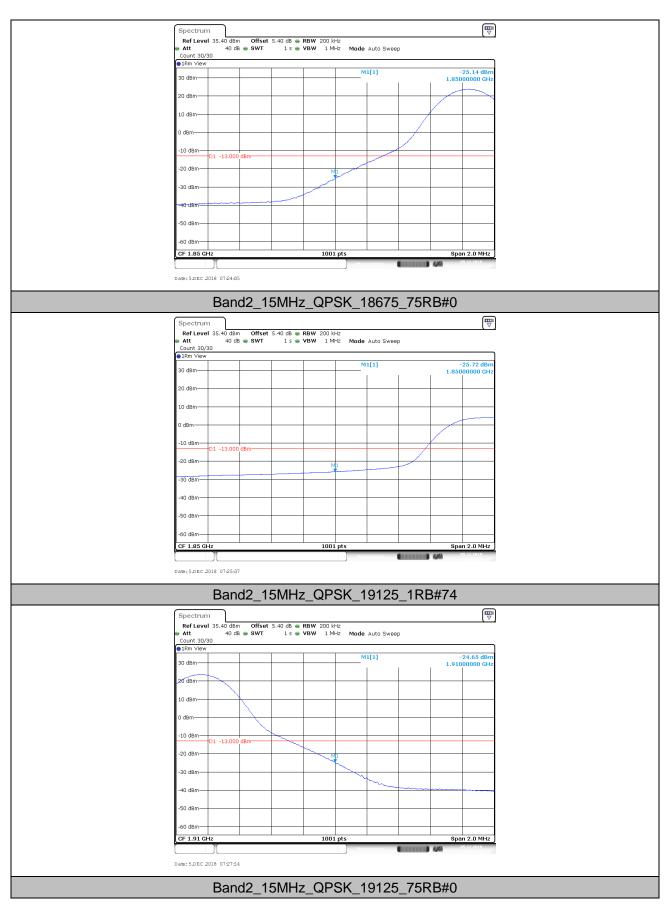


Report No.: HR/2018/A000901 Page: 39 of 54



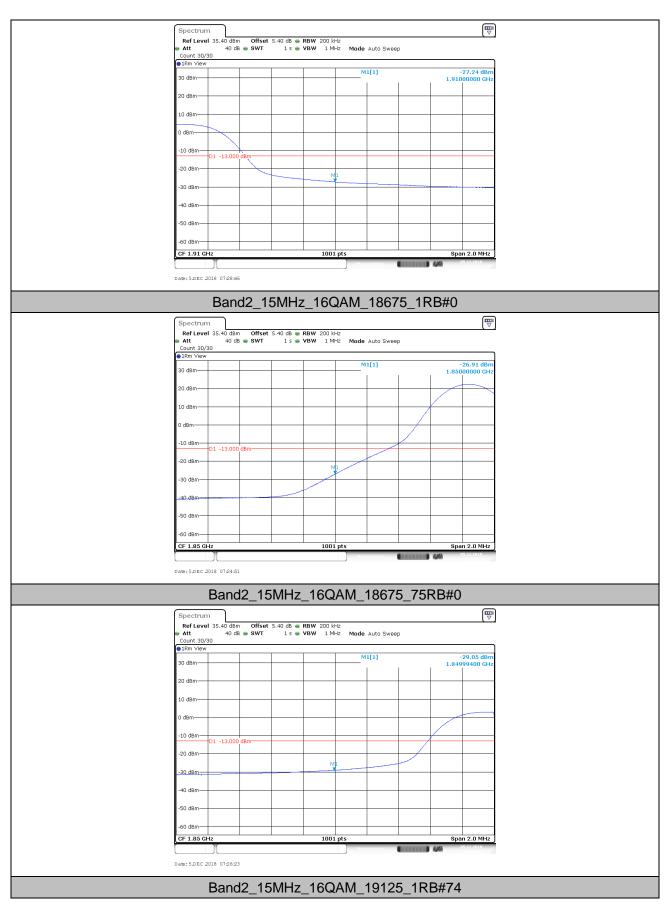


Report No.: HR/2018/A000901 Page: 40 of 54



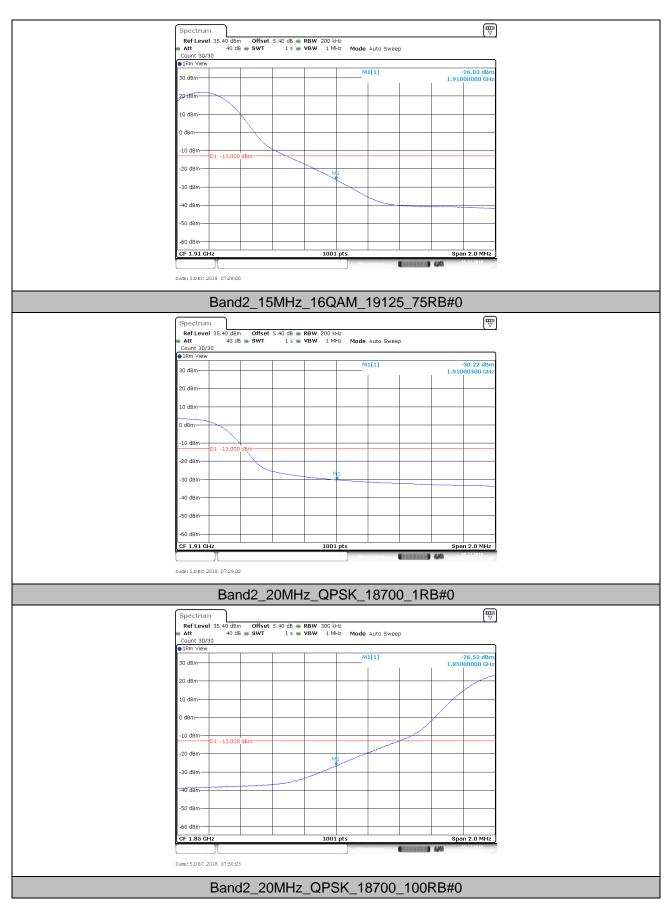


Report No.: HR/2018/A000901 Page: 41 of 54



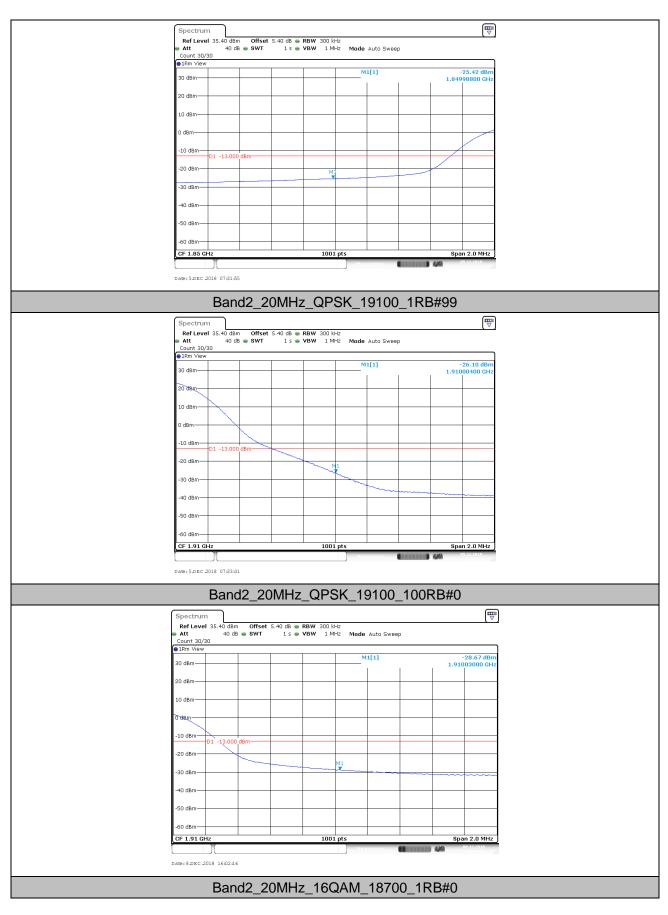


Report No.: HR/2018/A000901 Page: 42 of 54



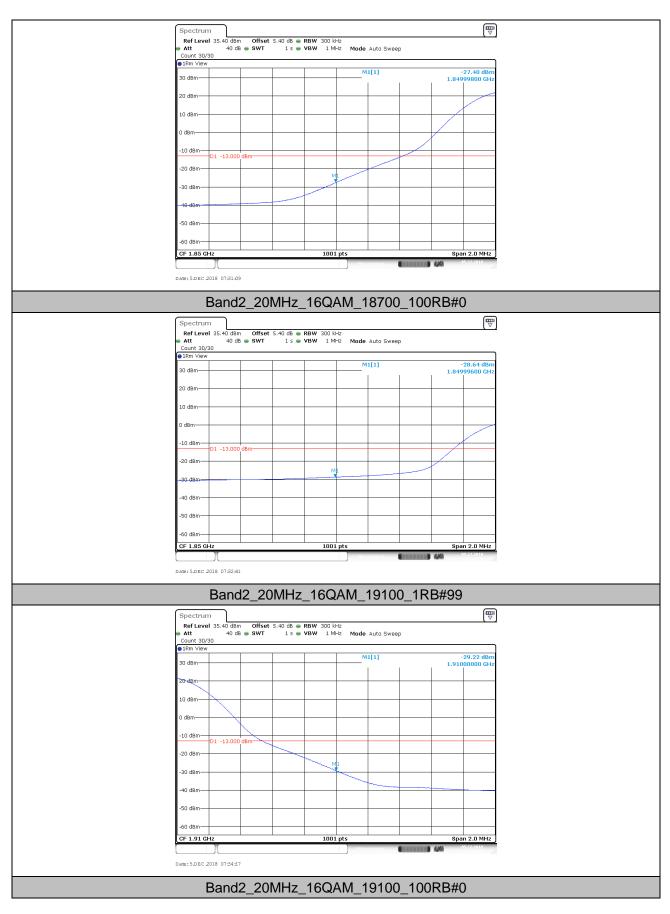


Report No.: HR/2018/A000901 Page: 43 of 54





Report No.: HR/2018/A000901 Page: 44 of 54





Report No.: HR/2018/A000901 Page: 45 of 54



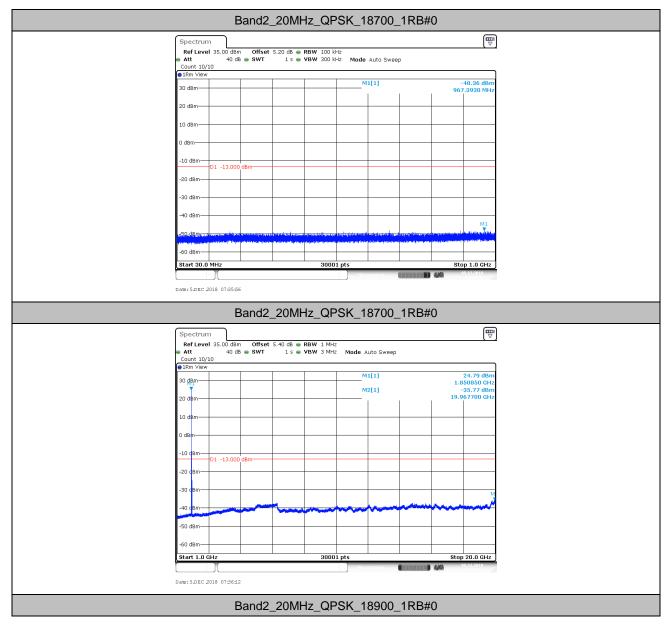
Report No.: HR/2018/A000901 Page: 46 of 54

6. Spurious Emission at Antenna Terminal

Remark1: 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.

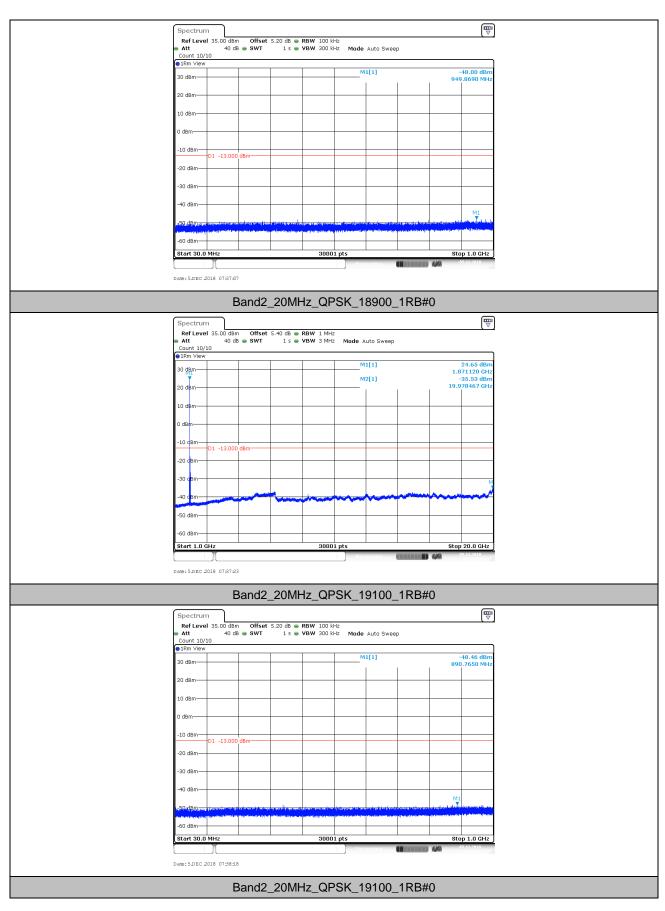
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



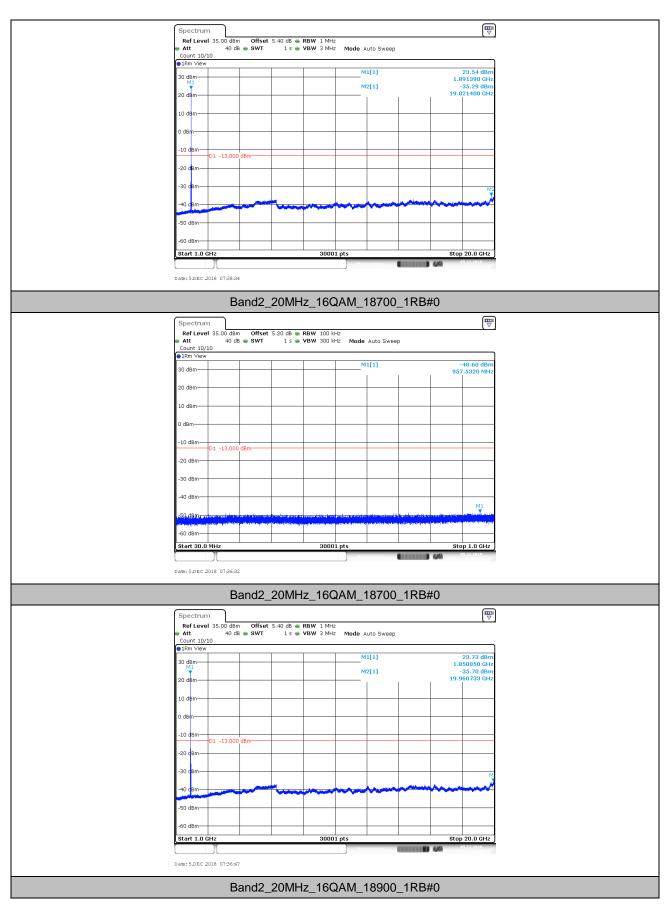


Report No.: HR/2018/A000901 Page: 47 of 54



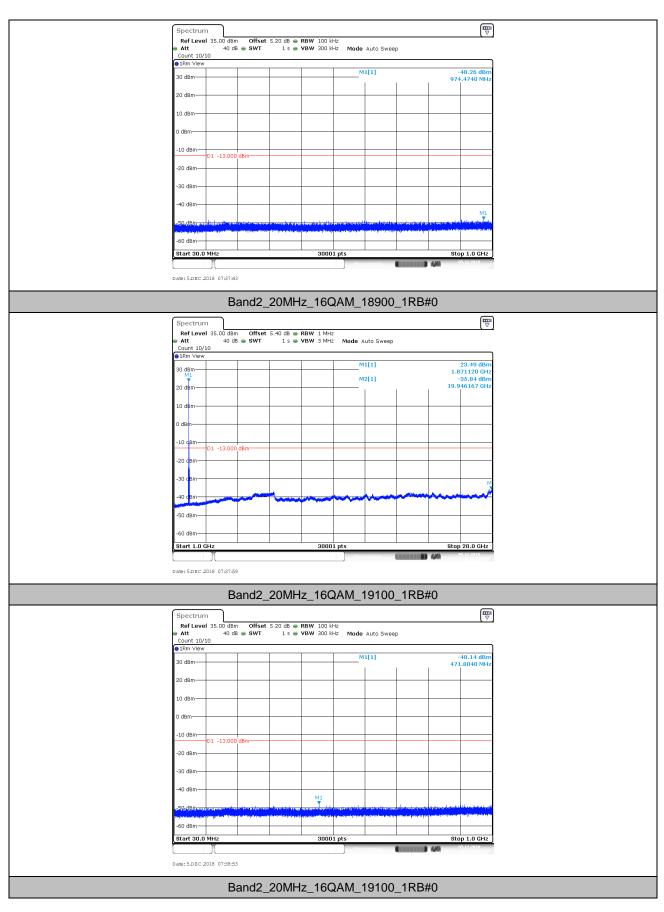


Report No.: HR/2018/A000901 Page: 48 of 54



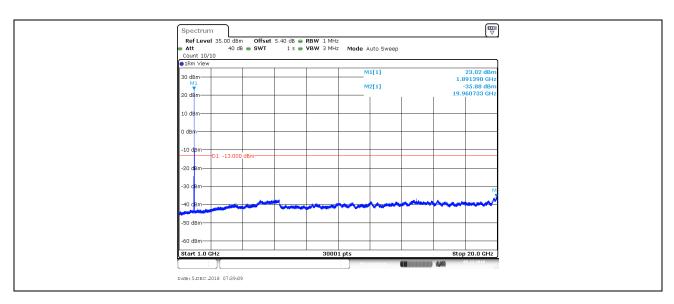


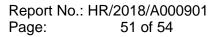
Report No.: HR/2018/A000901 Page: 49 of 54





Report No.: HR/2018/A000901 Page: 50 of 54





7. Field Strength of Spurious Radiation

7.1.Test BAND = LTE BAND 2

S(

7.1.1. Test Mode =LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
72.650000	-73.64	-13.00	60.64	Vertical
204.900000	-76.28	-13.00	63.28	Vertical
3702.000000	-44.21	-13.00	31.21	Vertical
5553.200000	-56.57	-13.00	43.57	Vertical
7404.400000	-64.07	-13.00	51.07	Vertical
9255.275000	-61.77	-13.00	48.77	Vertical
62.400000	-77.49	-13.00	64.49	Horizontal
204.500000	-75.01	-13.00	62.01	Horizontal
532.958333	-80.75	-13.00	67.75	Horizontal
3702.000000	-47.66	-13.00	34.66	Horizontal
5553.200000	-59.13	-13.00	46.13	Horizontal
9255.275000	-63.09	-13.00	50.09	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
72.650000	-68.95	-13.00	55.95	Vertical
202.850000	-77.80	-13.00	64.80	Vertical
3741.975000	-46.37	-13.00	33.37	Vertical
5613.325000	-55.12	-13.00	42.12	Vertical
9355.700000	-60.74	-13.00	47.74	Vertical
11226.400000	-62.95	-13.00	49.95	Vertical
64.050000	-77.59	-13.00	64.59	Horizontal
204.100000	-75.49	-13.00	62.49	Horizontal
601.158333	-83.58	-13.00	70.58	Horizontal
3741.975000	-47.17	-13.00	34.17	Horizontal
5613.000000	-54.26	-13.00	41.26	Horizontal
7484.350000	-64.21	-13.00	51.21	Horizontal

Report No.: HR/2018/A000901 Page: 52 of 54

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
71.950000	-74.06	-13.00	61.06	Vertical
205.100000	-78.36	-13.00	65.36	Vertical
3781.950000	-47.24	-13.00	34.24	Vertical
5673.125000	-58.92	-13.00	45.92	Vertical
9455.475000	-60.97	-13.00	47.97	Vertical
11346.650000	-63.39	-13.00	50.39	Vertical
62.500000	-77.73	-13.00	64.73	Horizontal
204.850000	-77.91	-13.00	64.91	Horizontal
610.416667	-83.45	-13.00	70.45	Horizontal
3781.950000	-50.70	-13.00	37.70	Horizontal
5673.450000	-63.64	-13.00	50.64	Horizontal
9455.800000	-63.77	-13.00	50.77	Horizontal

7.1.1.3. Test Channel = HCH

Remark:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.

Report No.: HR/2018/A000901 Page: 53 of 54

8. Frequency Stability

S

8.1. Frequency Vs Voltage

	Voltage									
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	2.20	0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	1.30	0.000699	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.10	0.000054	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-1.70	-0.000904	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-1.90	-0.001011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-2.20	-0.001170	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	0.50	0.000263	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.40	0.001290	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-2.30	-0.001223	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-2.40	-0.001277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-3.10	-0.001649	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.60	-0.001368	±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
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	0.80	0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	0.80	0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.20	0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	1.70	0.000914	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	0.30	0.000161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	0.70	0.000376	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	3.00	0.001613	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.80	-0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-4.70	-0.002500	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-3.20	-0.001702	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.40	-0.000745	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-1.40	-0.000745	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-2.10	-0.001117	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-3.10	-0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-1.80	-0.000957	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	0.50	0.000263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.10	-0.001105	±2.5	PASS

SG

Report No.: HR/2018/A000901 Page: 54 of 54

Band2 2	20MHz 20MHz	QPSK	19100	100RB#0	N.D. /					
	20MHz			IUUKD#U	NV	20	-1.40	-0.000737	±2.5	PASS
Band2 C		QPSK	19100	100RB#0	NV	30	-0.40	-0.000211	±2.5	PASS
Danuz 2	20MHz	QPSK	19100	100RB#0	NV	40	-0.60	-0.000316	±2.5	PASS
Band2 2	20MHz	QPSK	19100	100RB#0	NV	50	-2.80	-0.001474	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	-30	-0.30	-0.000161	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	-20	1.30	0.000699	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	0	0.70	0.000376	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	10	0.60	0.000323	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	20	0.90	0.000484	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	30	2.30	0.001237	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	40	0.50	0.000269	±2.5	PASS
Band2 2	20MHz	16QAM	18700	100RB#0	NV	50	2.00	0.001075	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	-30	-3.70	-0.001968	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	-20	-3.20	-0.001702	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	0	-2.70	-0.001436	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	10	-3.30	-0.001755	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	20	-3.30	-0.001755	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	30	-3.50	-0.001862	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	40	-1.70	-0.000904	±2.5	PASS
Band2 2	20MHz	16QAM	18900	100RB#0	NV	50	-4.00	-0.002128	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.40	-0.001263	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.20	-0.001684	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	0	-0.60	-0.000316	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	10	-2.10	-0.001105	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	20	-1.30	-0.000684	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	30	-2.80	-0.001474	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	40	-3.30	-0.001737	±2.5	PASS
Band2 2	20MHz	16QAM	19100	100RB#0	NV	50	-1.90	-0.001000	±2.5	PASS

The End