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Appendix B

E-UTRA Band 5



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1. Effective (Isotropic) Radiated Power

1.1.Test Result

SG

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.81	21.16	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.96	21.31	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.93	21.28	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.03	21.38	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.04	21.39	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.09	21.44	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.04	20.39	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.71	21.06	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.87	21.22	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.66	21.01	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.86	21.21	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.04	21.39	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.09	21.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.84	20.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.72	21.07	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.97	21.32	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.98	21.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.02	21.37	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.05	21.40	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.34	21.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.91	20.26	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.93	20.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.87	20.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.23	19.58	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.73	20.08	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.58	19.93	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.81	20.16	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.72	19.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.23	19.58	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.73	20.08	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.51	19.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.72	20.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.79	20.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.49	19.84	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.64	18.99	38.45	PASS

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			r		1	r		1
Band5	1.4MHz	16QAM	20643	1RB#0	23.13	20.48	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.64	19.99	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.65	20.00	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.81	20.16	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.72	20.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.80	20.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.69	19.04	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.11	21.46	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.90	21.25	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.01	21.36	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.11	20.46	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.85	20.20	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.93	20.28	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.93	20.28	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.29	21.64	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.18	21.53	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.91	21.26	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.88	20.23	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.96	20.31	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.87	20.22	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.95	20.30	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.01	21.36	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.00	21.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.06	21.41	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.02	20.37	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.94	20.29	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.83	20.18	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.90	20.25	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.89	20.24	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.60	19.95	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.12	19.47	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.71	19.06	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.94	19.29	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.05	19.40	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.74	19.09	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.55	19.90	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.65	20.00	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.42	20.77	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.88	19.23	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.01	19.36	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.02	19.37	38.45	PASS
	3MHz	16QAM	20525	15RB#0	21.95	19.30	38.45	PASS

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T			1		1	1	r	
Band5	3MHz	16QAM	20635	1RB#0	22.46	19.81	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.81	20.16	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.68	20.03	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.73	19.08	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.86	19.21	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.84	19.19	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.94	19.29	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.87	21.22	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.92	21.27	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.64	20.99	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.86	20.21	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.95	20.30	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.85	20.20	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.82	20.17	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.68	21.03	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.87	21.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.83	21.18	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.89	20.24	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.98	20.33	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.88	20.23	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.85	20.20	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.56	20.91	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.00	21.35	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.67	21.02	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.73	20.08	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.96	20.31	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.93	20.28	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.81	20.16	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.94	20.29	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.21	20.56	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.53	19.88	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.80	19.15	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.99	19.34	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.96	19.31	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.85	19.20	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.20	19.55	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.42	19.77	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.10	19.45	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.87	19.22	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.13	19.48	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.74	19.09	38.45	PASS
		16QAM	1		21.86	19.21	38.45	PASS

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T					1			r
Band5	5MHz	16QAM	20625	1RB#0	22.19	19.54	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.46	20.81	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.81	20.16	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.91	19.26	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.10	19.45	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.03	19.38	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.85	19.20	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.04	21.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.91	21.26	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.89	21.24	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.85	20.20	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.90	20.25	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.86	20.21	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.95	20.30	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.64	20.99	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.05	21.40	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.83	21.18	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.86	20.21	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.87	20.22	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.97	20.32	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.13	20.48	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.88	21.23	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.89	21.24	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.86	21.21	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.91	20.26	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.99	20.34	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.73	20.08	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.84	20.19	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.68	20.03	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.91	20.26	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.45	19.80	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.77	19.12	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.01	19.36	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.88	19.23	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.92	19.27	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.37	19.72	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.57	19.92	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.30	19.65	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.07	19.42	38.45	PASS
				0500//40			20 45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.05	19.40	38.45	FASS
Band5 Band5	10MHz 10MHz	16QAM 16QAM	20525 20525	25RB#12 25RB#25	22.05	19.40	38.45	PASS

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Band5	10MHz	16QAM	20600	1RB#0	22.77	20.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.77	20.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.39	19.74	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.96	19.31	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.03	19.38	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.89	19.24	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.93	19.28	38.45	PASS

Note:

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

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

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

b: SGP=Signal Generator Level

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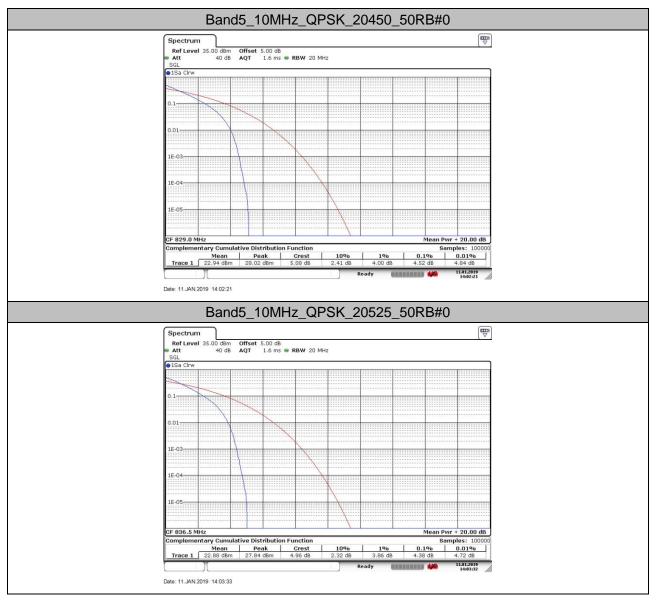
2. Peak-to-Average Ratio(CCDF)

2.1.Test Result

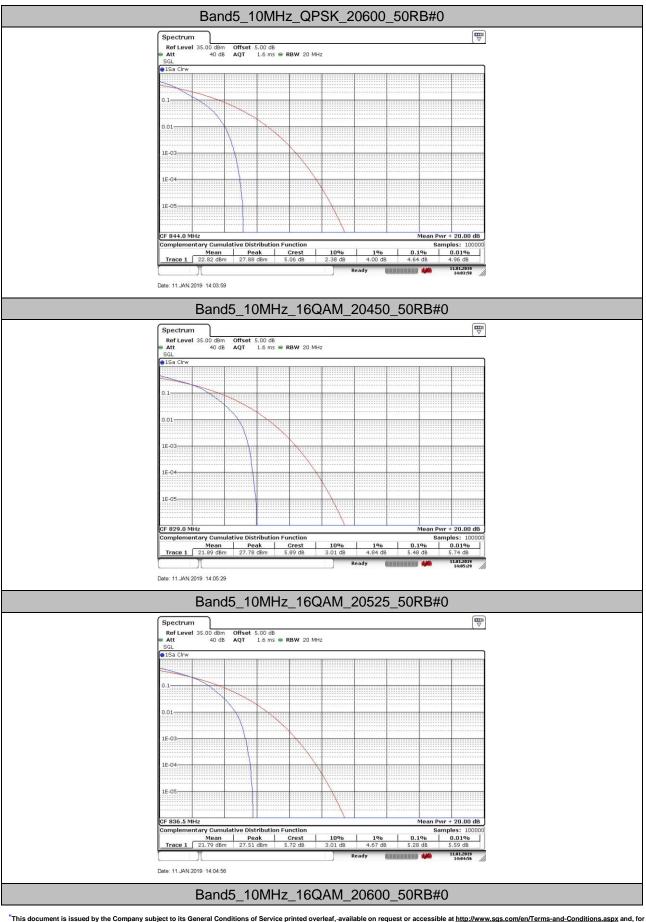
S

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.52	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.38	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.64	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.28	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.57	13	PASS

2.2. Test Plots

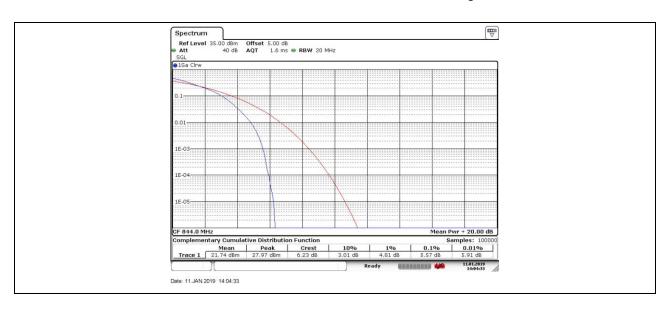


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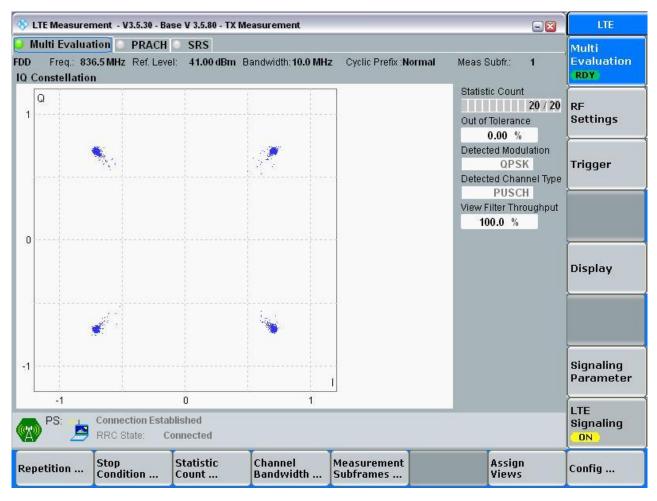
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3. Modulation Characteristics

3.1.Test BAND = LTE Band 5

3.1.1. Test Mode = LTE /TM1 10MHz

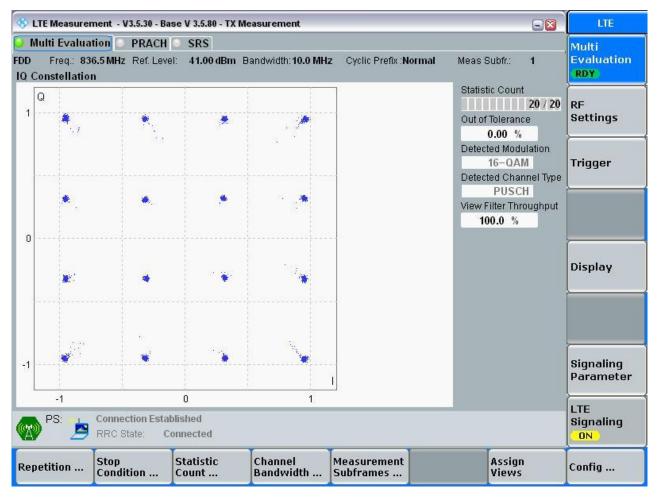
3.1.1.1. Test Channel = MCH



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3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1.Test Result

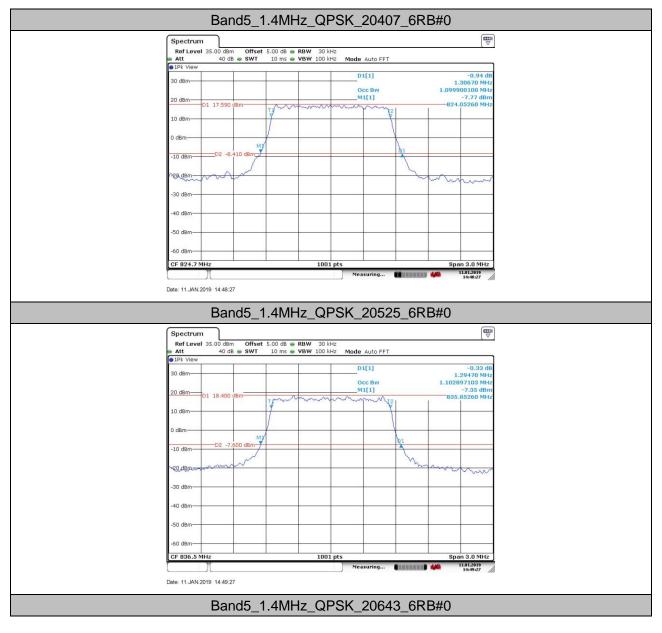
SG

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.100	1.307	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.103	1.298	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.097	1.313	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.097	1.298	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.103	1.313	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.100	1.307	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.691	2.925	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.685	2.943	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.925	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.679	2.937	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.913	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.943	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.905	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.935	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.486	4.905	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.935	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.945	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.466	4.845	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.951	9.730	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.650	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.931	9.715	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.951	9.690	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.643	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.911	9.635	PASS



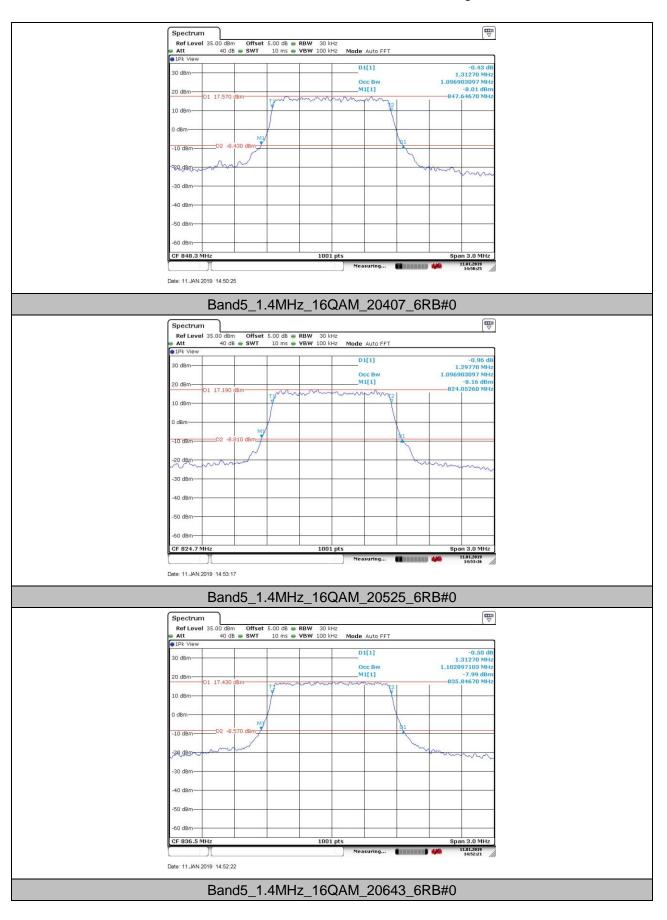
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4.2. Test Plots



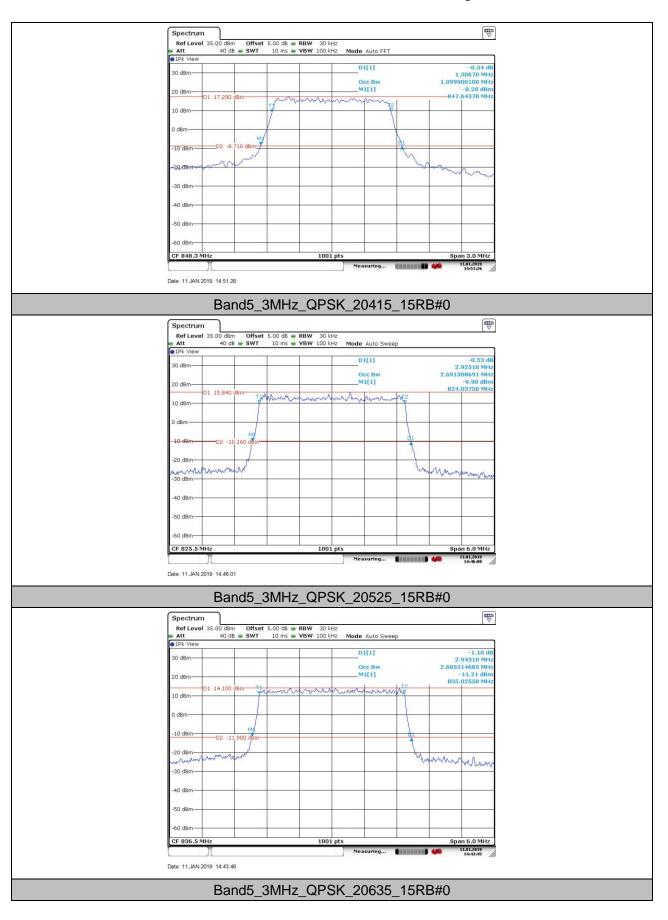


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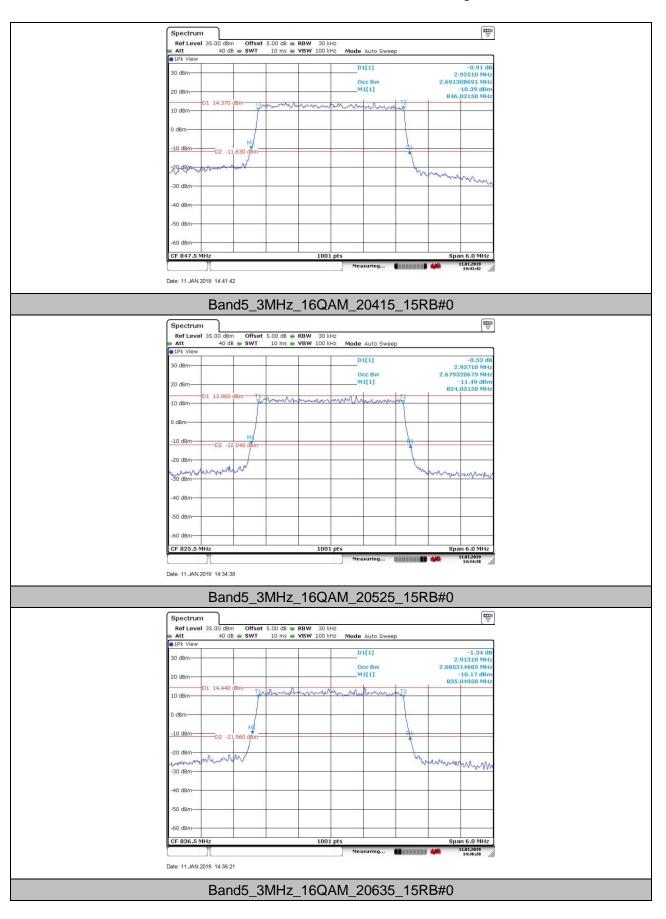


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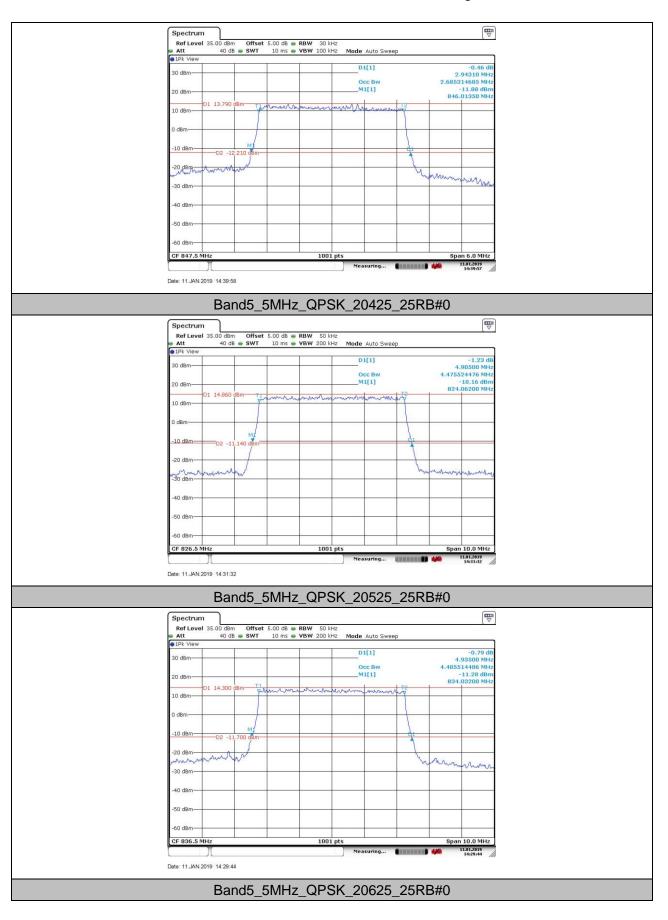


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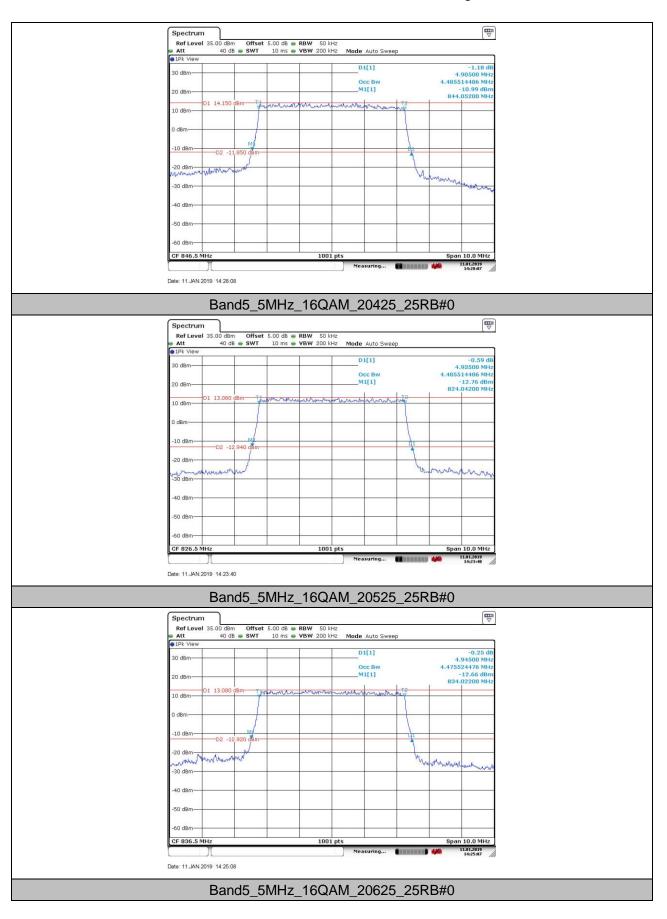


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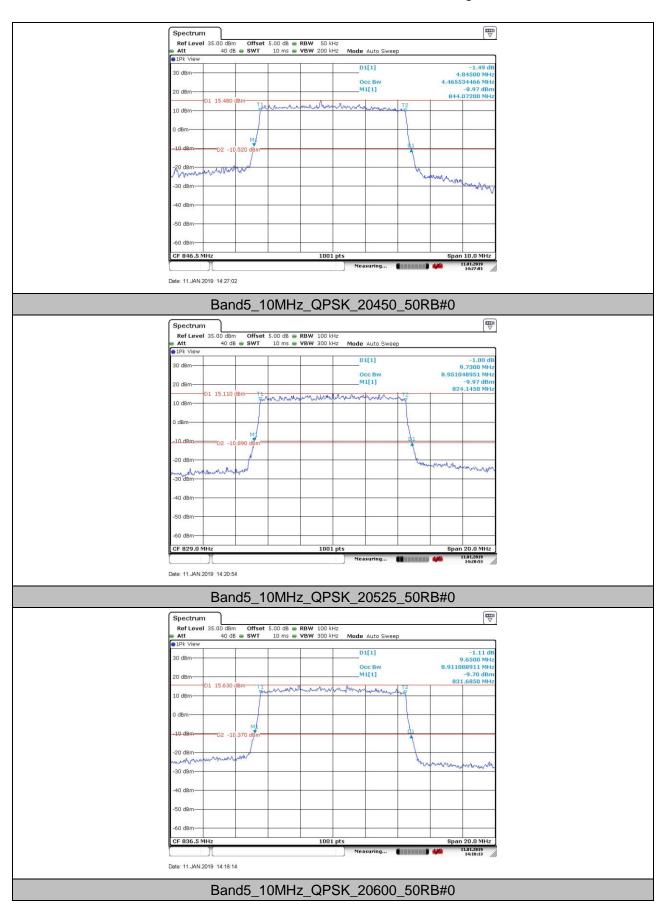


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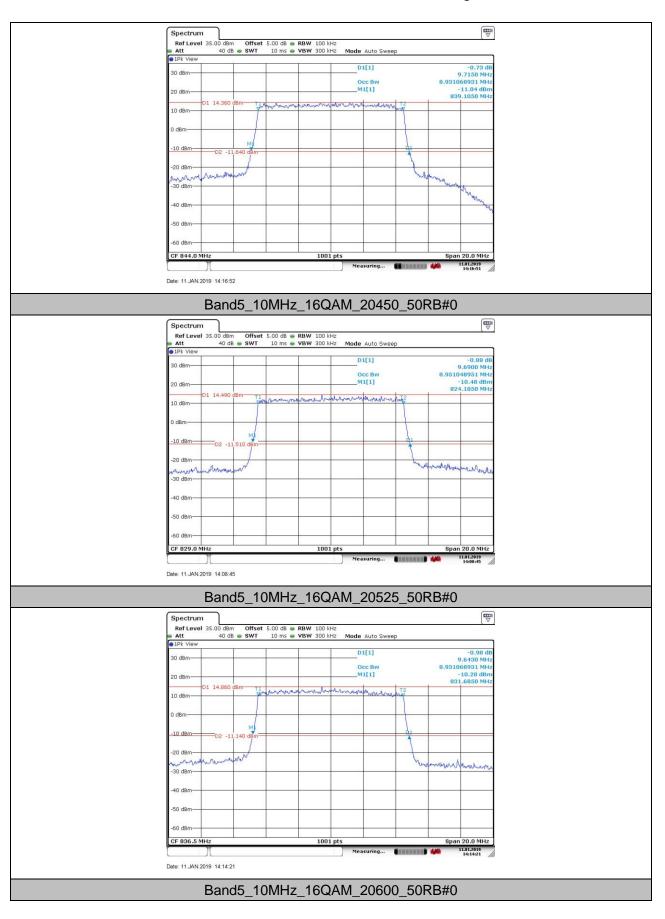


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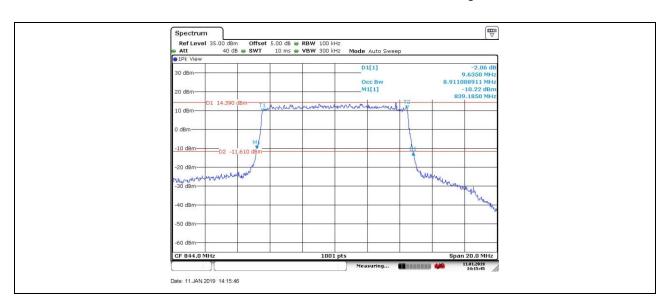


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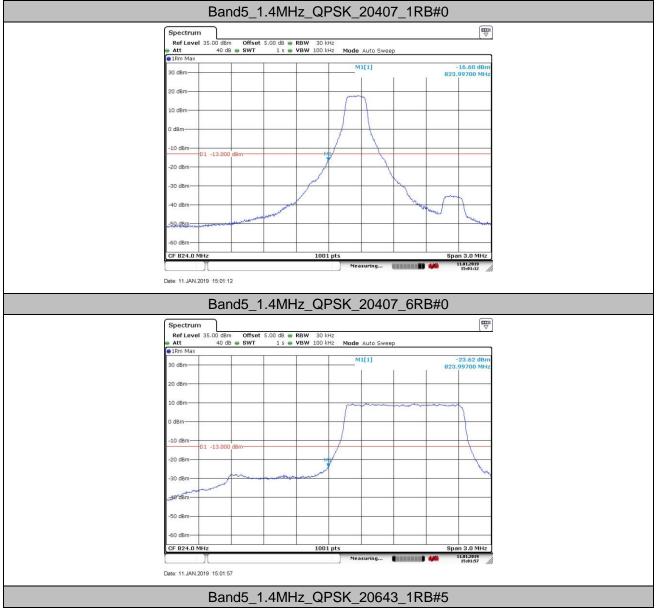




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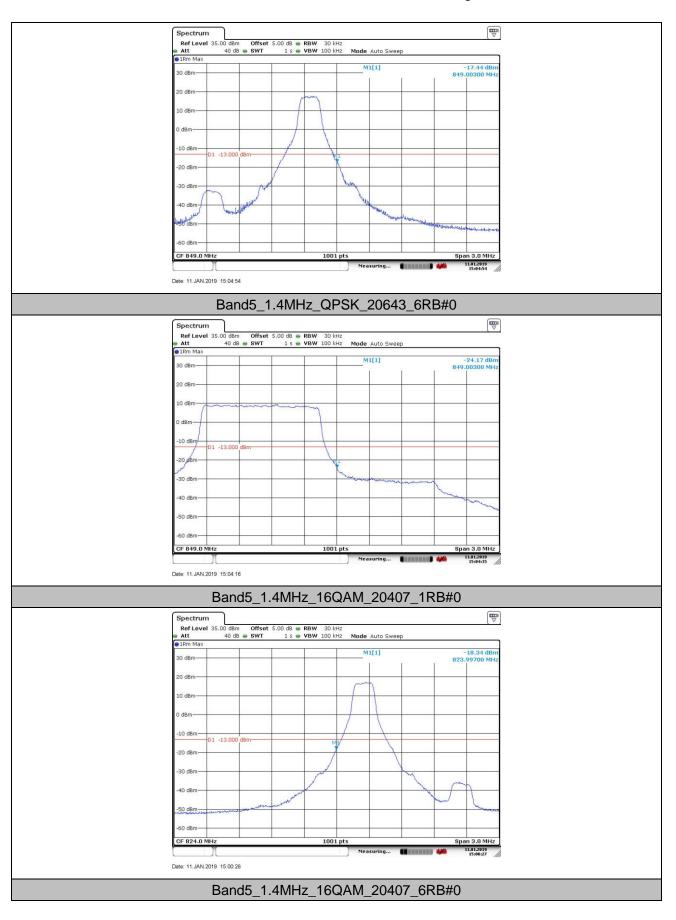
5. Band Edge Compliance

5.1.Test Plots



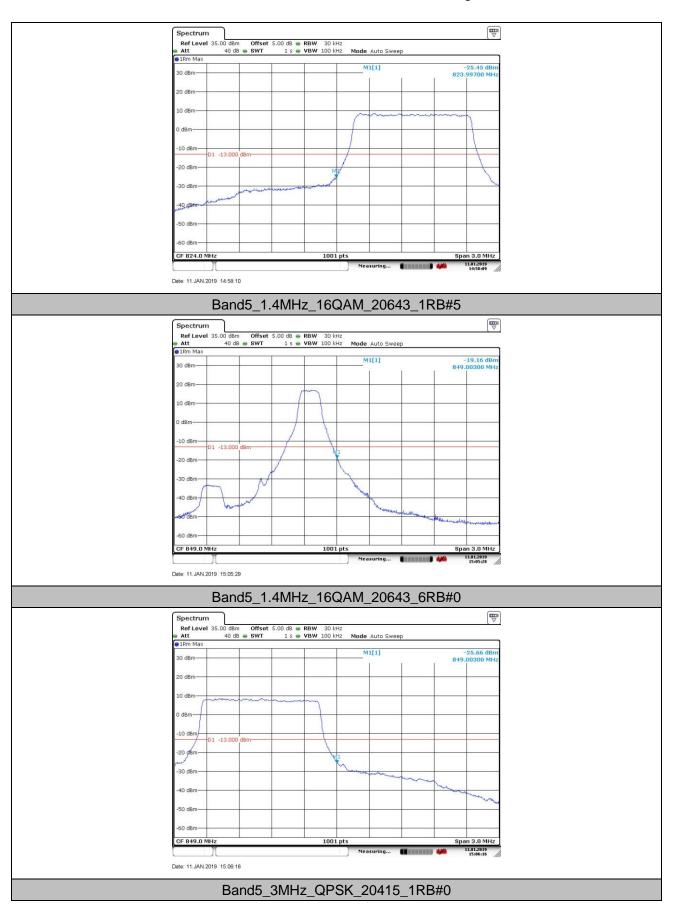


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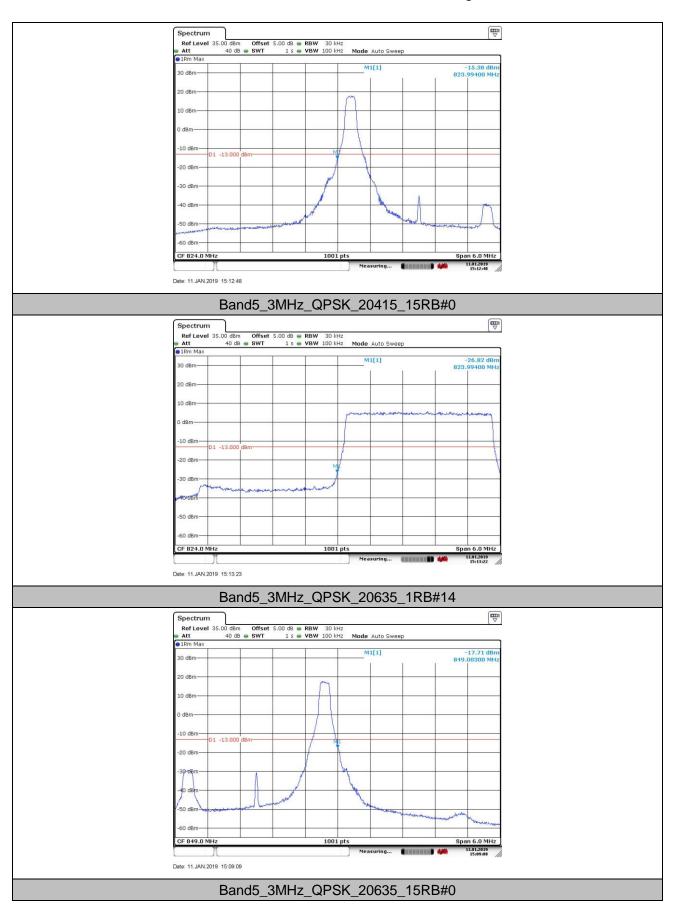


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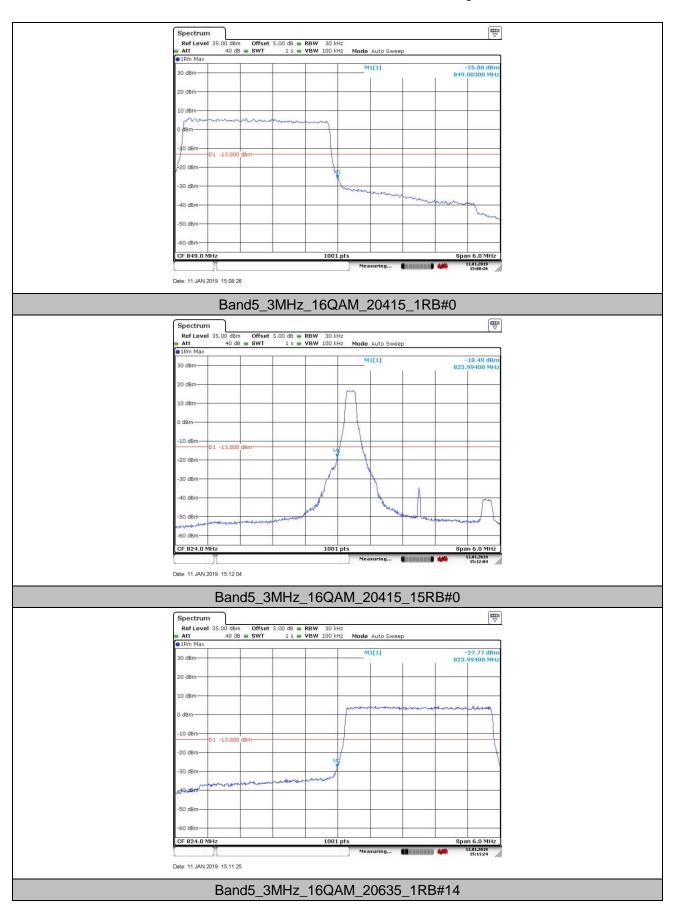


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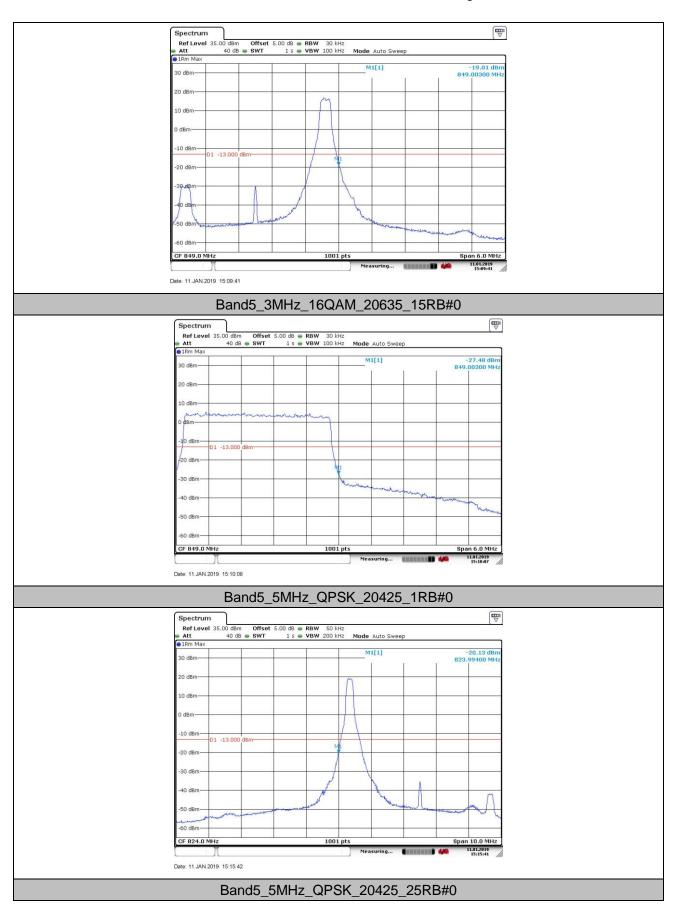


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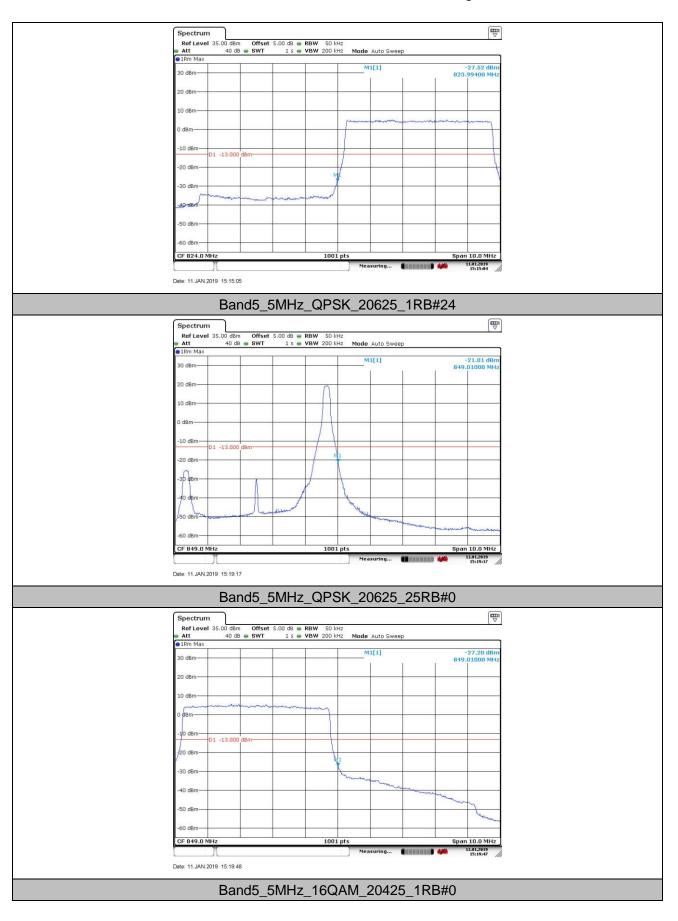


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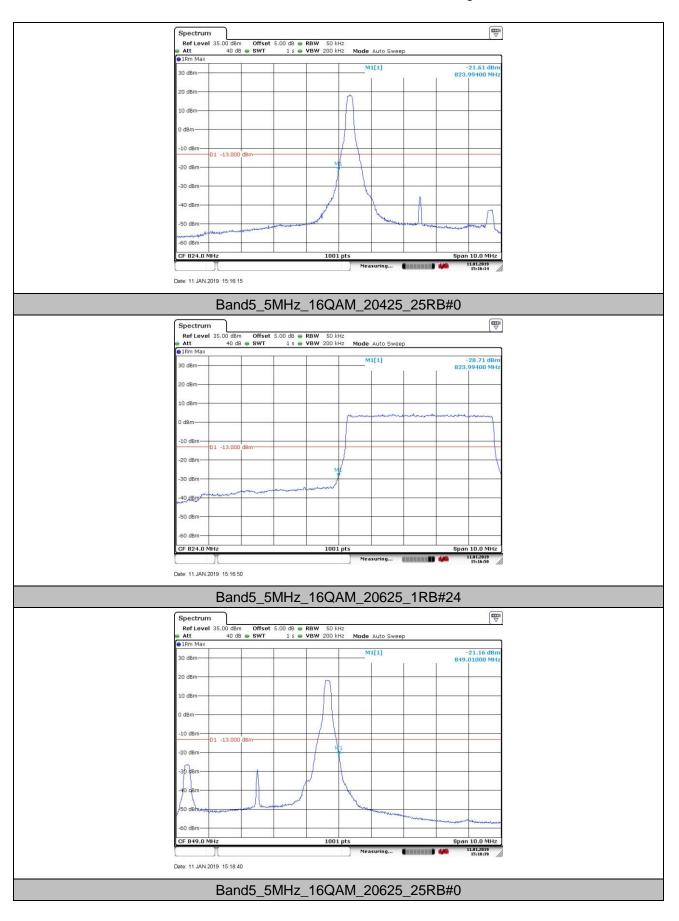


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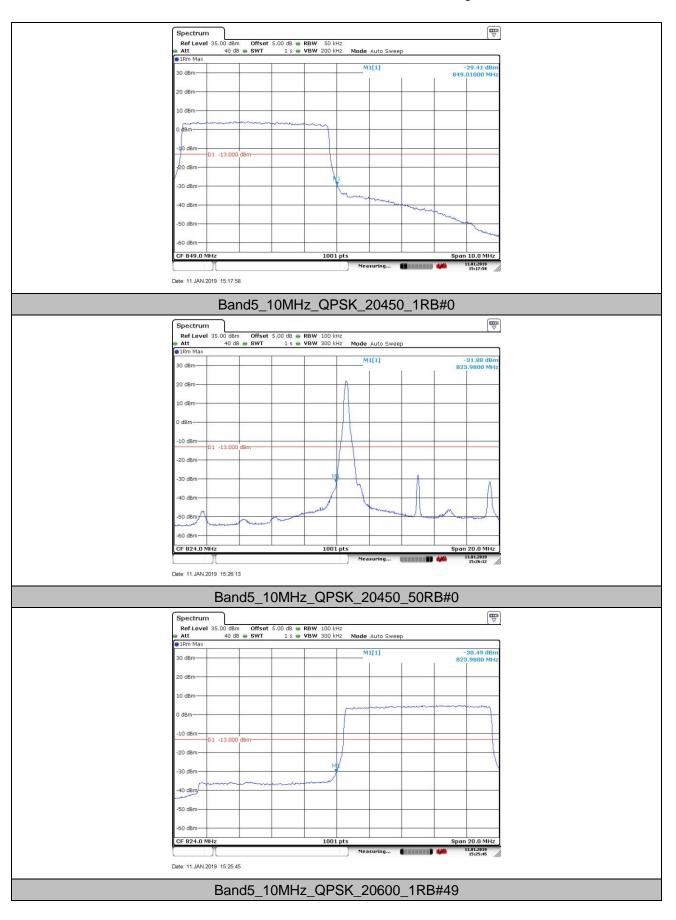


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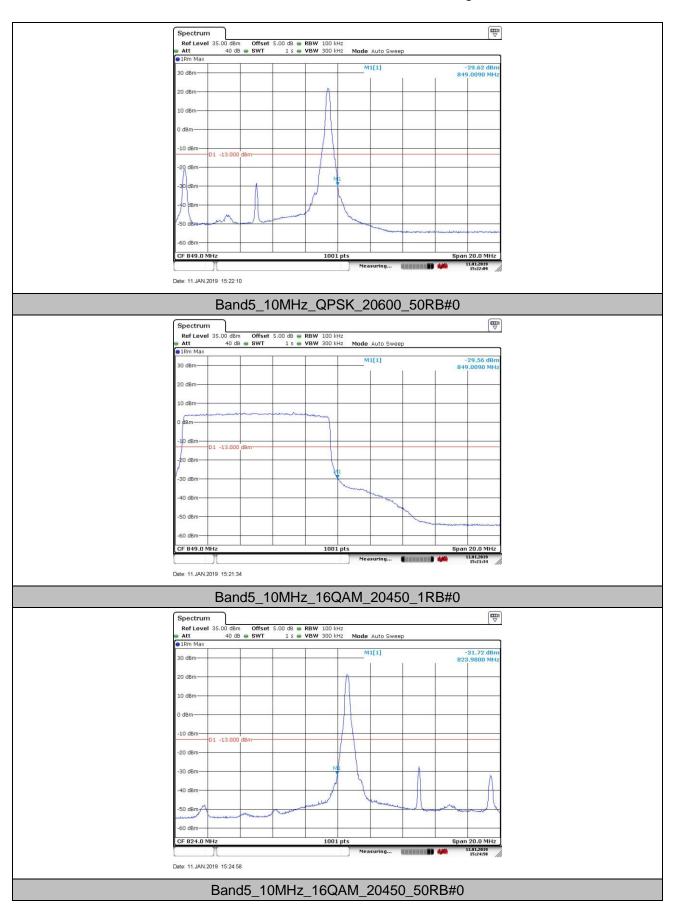


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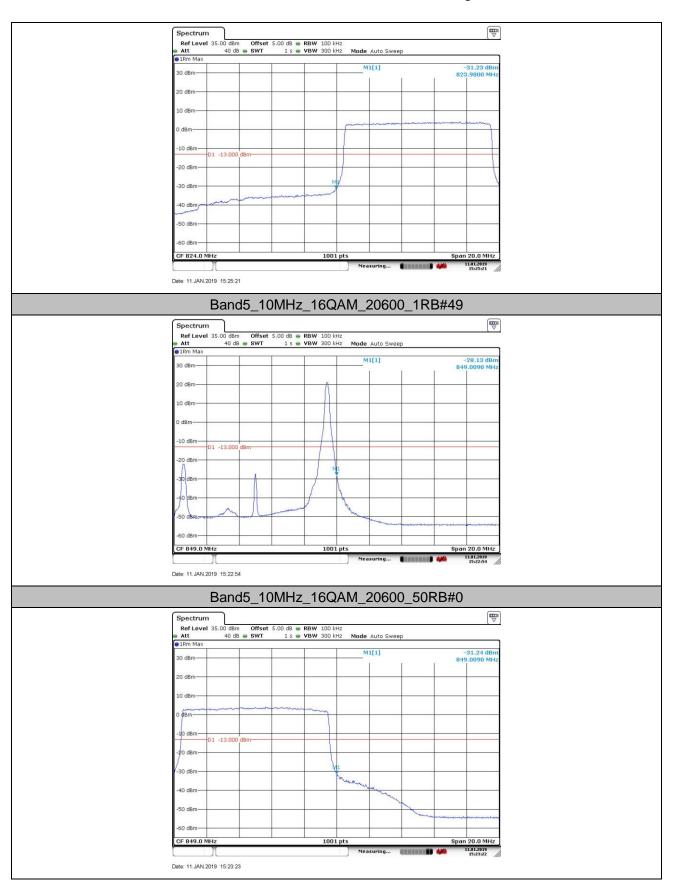


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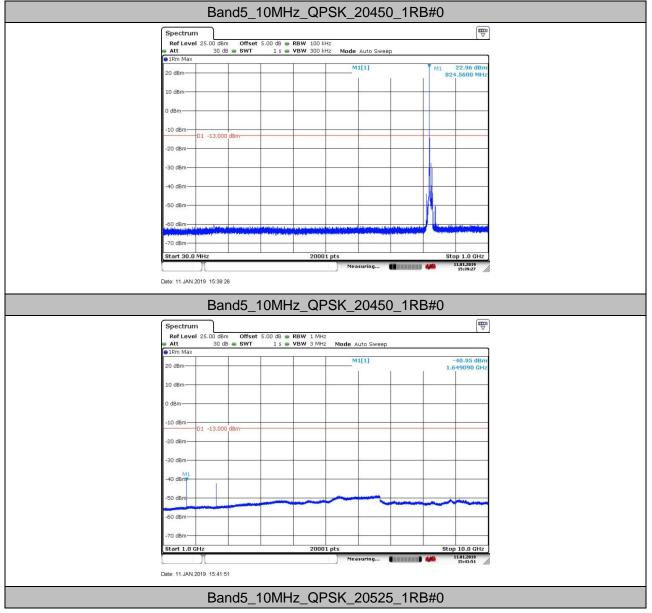


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6. Spurious Emission at Antenna Terminal

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

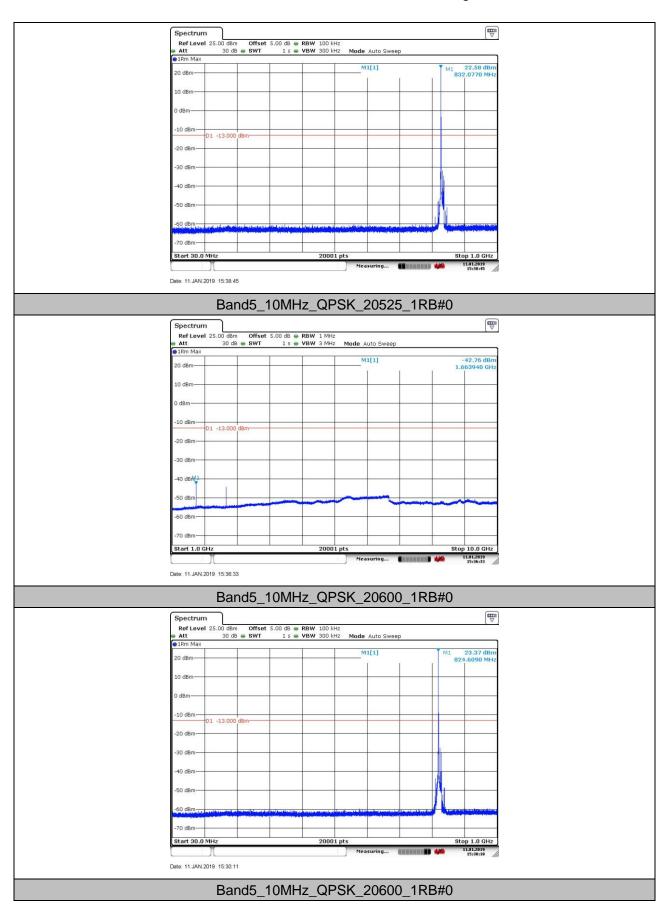
6.1.Test Plots



"This document is issued by the Company subject to its General Conditions of Service printed overleaf,-available on request or accessible at <a href="http://www.sqs.com/en/Terms-and-Conditions/Terms

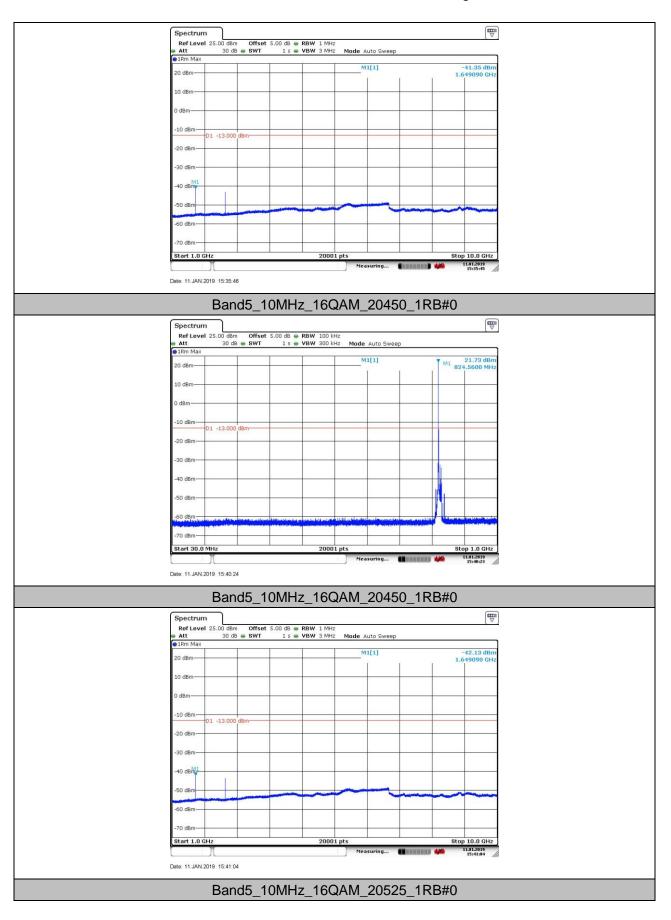


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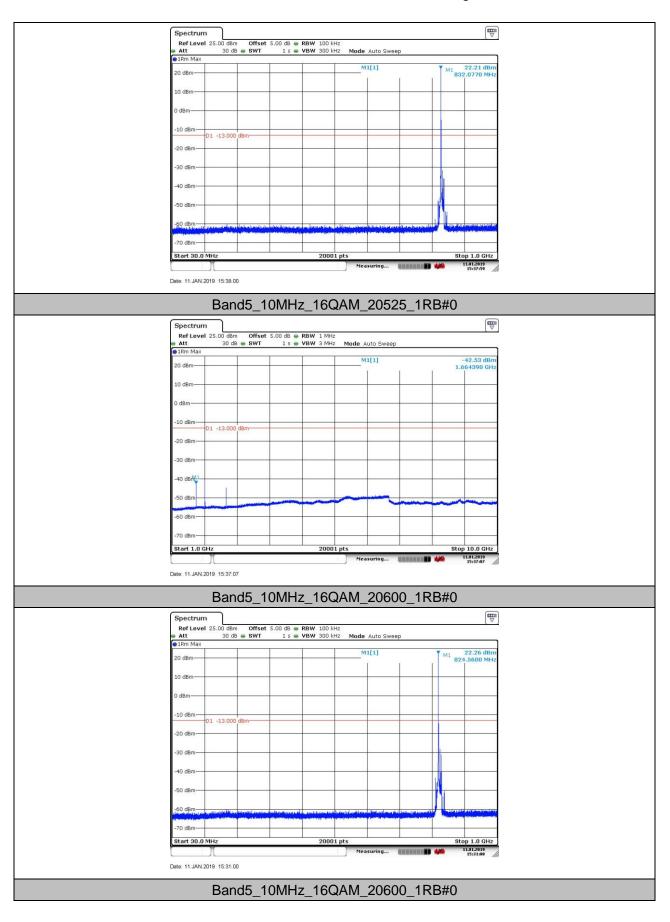


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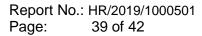
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Att 30 dB SWT IRm Max	1 s 🖶 VBW 3 MHz Mode Auto Sweep		
20 dBm	M1[1]	-40.93 dBm 1.649090 GHz	
10 dBm			
0 dBm			
-10 dBm01 -13.000 dBm			
-20 dBm			
-30 dBm			
-40 dBm			
-50 dBm			
-60 dBm			
-70 dBm			
Start 1.0 GHz	20001 pts	Stop 10.0 GHz	



7. Field Strength of Spurious Radiation

7.1.Test BAND = LTE Band 5

SG

7.1.1. Test Mode =LTE/TM1 10MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.860000	-80.05	-13.00	67.05	Vertical
1649.000000	-57.71	-13.00	44.71	Vertical
3298.350000	-54.02	-13.00	41.02	Vertical
4122.712500	-59.69	-13.00	46.69	Vertical
4947.562500	-44.03	-13.00	31.03	Vertical
5771.925000	-53.88	-13.00	40.88	Vertical
62.620000	-76.78	-13.00	63.78	Horizontal
1649.000000	-60.79	-13.00	47.79	Horizontal
2473.500000	-54.55	-13.00	41.55	Horizontal
4122.712500	-62.43	-13.00	49.43	Horizontal
4947.562500	-48.59	-13.00	35.59	Horizontal
5771.925000	-58.96	-13.00	45.96	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.346667	-79.15	-13.00	66.15	Vertical
1664.000000	-51.43	-13.00	38.43	Vertical
2496.000000	-54.81	-13.00	41.81	Vertical
4160.250000	-57.47	-13.00	44.47	Vertical
4992.412500	-47.17	-13.00	34.17	Vertical
9984.900000	-55.39	-13.00	42.39	Vertical
62.573333	-77.03	-13.00	64.03	Horizontal
1664.000000	-53.23	-13.00	40.23	Horizontal
2496.000000	-54.48	-13.00	41.48	Horizontal
4160.250000	-59.76	-13.00	46.76	Horizontal
4992.412500	-49.11	-13.00	36.11	Horizontal
5824.575000	-58.79	-13.00	45.79	Horizontal

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Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.440000	-80.74	-13.00	67.74	Vertical
1679.000000	-54.74	-13.00	41.74	Vertical
2518.500000	-52.60	-13.00	39.60	Vertical
3358.312500	-53.75	-13.00	40.75	Vertical
5037.262500	-40.84	-13.00	27.84	Vertical
5877.225000	-55.16	-13.00	42.16	Vertical
62.900000	-77.11	-13.00	64.11	Horizontal
1679.000000	-58.99	-13.00	45.99	Horizontal
2518.500000	-54.30	-13.00	41.30	Horizontal
3358.312500	-63.40	-13.00	50.40	Horizontal
4197.787500	-63.38	-13.00	50.38	Horizontal
5037.262500	-47.74	-13.00	34.74	Horizontal

7.1.1.3. Test Channel = HCH

NOTE:

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

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8. Frequency Stability

SG

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.56	-0.003094	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	1.78	0.002150	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	3.32	0.004003	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-12.68	-0.015156	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-0.85	-0.001020	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-11.23	-0.013427	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-6.77	-0.008020	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	10.92	0.012941	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	12.75	0.015108	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-8.05	-0.009713	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	7.19	0.008675	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-1.21	-0.001460	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-2.92	-0.003493	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	11.49	0.013736	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-6.54	-0.007817	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	6.85	0.008113	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-13.65	-0.016171	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-14.17	-0.016794	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	12.62	0.015228	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	5.81	0.007011	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-0.79	-0.000952	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-11.76	-0.014192	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	10.78	0.012998	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	14.49	0.017484	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-8.68	-0.010472	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	5.98	0.007215	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	2.59	0.003094	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	2.58	0.003089	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-12.93	-0.015452	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	4.55	0.005436	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	6.83	0.008163	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	0.99	0.001188	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-13.19	-0.015765	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-8.40	-0.010046	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-11.36	-0.013457	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-7.33	-0.008683	±2.5	PASS

SG

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Bands 10MHz QPSK 20600 50RB#0 NV 0 -6.74 -0.007992 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 10 -14.71 -0.017435 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 20 8.98 0.010634 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 40 11.13 0.001223 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 40 11.13 0.001323 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.006184 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -10.98 -0.01329 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20										1	
Bands 10MHz QPSK 20600 50RB#0 NV 20 8.98 0.010634 ±2.5 PASS Band5 10MHz QPSK 20600 50RB#0 NV 30 -1.03 -0.001223 ±2.5 PASS Band5 10MHz QPSK 20600 50RB#0 NV 40 11.13 0.013193 ±2.5 PASS Band5 10MHz QPSK 20600 50RB#0 NV -30 3.59 0.004328 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.006184 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 10 -11.30 -0.013628 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016564 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40	Band5	10MHz	QPSK	20600	50RB#0	NV	0	-6.74	-0.007992	±2.5	PASS
Bands 10MHz QPSK 20600 50RB#0 NV 30 -1.03 -0.01223 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 40 11.13 0.013193 ±2.5 PASS Bands 10MHz QPSK 20600 50RB#0 NV 50 -4.51 -0.005339 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV -30 3.59 0.004328 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV -0 -10.98 -0.013239 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV 0 -11.30 -0.01329 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Bands 10MHz 16QAM 20450 50RB#0 NV 40	Band5	10MHz	QPSK	20600	50RB#0	NV	10	-14.71	-0.017435	±2.5	PASS
Bands 10MHz QPSK 20600 50RB#0 NV 40 11.13 0.013193 ±2.5 PASS Band5 10MHz QPSK 20600 50RB#0 NV 50 -4.51 -0.005339 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -30 3.59 0.004328 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.001329 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 10 -11.30 -0.01329 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.00807 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50	Band5	10MHz	QPSK	20600	50RB#0	NV	20	8.98	0.010634	±2.5	PASS
Band5 10MHz QPSK 20600 50RB#0 NV 50 -4.51 -0.005339 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -30 3.59 0.004328 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.006184 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -10.98 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.00509 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20	Band5	10MHz	QPSK	20600	50RB#0	NV	30	-1.03	-0.001223	±2.5	PASS
Bands 10MHz 16QAM 20450 50RB#0 NV -30 3.59 0.004328 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.006184 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -10.98 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -11.30 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.00867 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20	Band5	10MHz	QPSK	20600	50RB#0	NV	40	11.13	0.013193	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV -20 -5.13 -0.006184 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -10.98 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 0 -11.30 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 50 2.72 0.003284 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 <td>Band5</td> <td>10MHz</td> <td>QPSK</td> <td>20600</td> <td>50RB#0</td> <td>NV</td> <td>50</td> <td>-4.51</td> <td>-0.005339</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	QPSK	20600	50RB#0	NV	50	-4.51	-0.005339	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 0 -10.98 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 10 -11.30 -0.013239 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 <td>Band5</td> <td>10MHz</td> <td>16QAM</td> <td>20450</td> <td>50RB#0</td> <td>NV</td> <td>-30</td> <td>3.59</td> <td>0.004328</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	16QAM	20450	50RB#0	NV	-30	3.59	0.004328	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 10 -11.30 -0.013628 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 50 2.72 0.003284 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.04950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20	Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-5.13	-0.006184	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 20 -13.72 -0.016554 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 50 2.72 0.003284 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.04950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20	Band5	10MHz	16QAM	20450	50RB#0	NV	0	-10.98	-0.013239	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 30 4.24 0.005109 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 10 -11.20 -0.013392 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20	Band5	10MHz	16QAM	20450	50RB#0	NV	10	-11.30	-0.013628	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 40 5.73 0.006907 ±2.5 PASS Band5 10MHz 16QAM 20450 50RB#0 NV 50 2.72 0.003284 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 10 -11.20 -0.013392 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20 -13.62 -0.016280 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 <td>Band5</td> <td>10MHz</td> <td>16QAM</td> <td>20450</td> <td>50RB#0</td> <td>NV</td> <td>20</td> <td>-13.72</td> <td>-0.016554</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	16QAM	20450	50RB#0	NV	20	-13.72	-0.016554	±2.5	PASS
Band5 10MHz 16QAM 20450 50RB#0 NV 50 2.72 0.003284 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20 -13.62 -0.016280 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50 <td>Band5</td> <td>10MHz</td> <td>16QAM</td> <td>20450</td> <td>50RB#0</td> <td>NV</td> <td>30</td> <td>4.24</td> <td>0.005109</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	16QAM	20450	50RB#0	NV	30	4.24	0.005109	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV -30 7.24 0.008657 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 10 -11.20 -0.013392 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20 -13.62 -0.016280 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.003798 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 40<	Band5	10MHz	16QAM	20450	50RB#0	NV	40	5.73	0.006907	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV -20 -10.92 -0.013052 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 0 -4.14 -0.004950 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 10 -11.20 -0.013392 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 10 -11.20 -0.013392 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 20 -13.62 -0.016280 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.003798 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 40 6.29 0.007521 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -3	Band5	10MHz	16QAM	20450	50RB#0	NV	50	2.72	0.003284	±2.5	PASS
Band510MHz16QAM2052550RB#0NV0-4.14-0.004950±2.5PASSBand510MHz16QAM2052550RB#0NV10-11.20-0.013392±2.5PASSBand510MHz16QAM2052550RB#0NV20-13.62-0.016280±2.5PASSBand510MHz16QAM2052550RB#0NV30-3.18-0.003798±2.5PASSBand510MHz16QAM2052550RB#0NV406.290.007521±2.5PASSBand510MHz16QAM2052550RB#0NV50-6.02-0.012876±2.5PASSBand510MHz16QAM2052550RB#0NV-30-10.87-0.012876±2.5PASSBand510MHz16QAM2060050RB#0NV-208.340.009878±2.5PASSBand510MHz16QAM2060050RB#0NV05.420.006425±2.5PASSBand510MHz16QAM2060050RB#0NV10-11.98-0.014196±2.5PASSBand510MHz16QAM2060050RB#0NV05.420.006425±2.5PASSBand510MHz16QAM2060050RB#0NV10-11.98-0.014196±2.5PASSBand510MHz16QAM2060050RB#0NV301.320.001570	Band5	10MHz	16QAM	20525	50RB#0	NV	-30	7.24	0.008657	±2.5	PASS
Band510MHz16QAM2052550RB#0NV10-11.20-0.013392±2.5PASSBand510MHz16QAM2052550RB#0NV20-13.62-0.016280±2.5PASSBand510MHz16QAM2052550RB#0NV30-3.18-0.003798±2.5PASSBand510MHz16QAM2052550RB#0NV406.290.007521±2.5PASSBand510MHz16QAM2052550RB#0NV50-6.02-0.007193±2.5PASSBand510MHz16QAM2060050RB#0NV-30-10.87-0.012876±2.5PASSBand510MHz16QAM2060050RB#0NV-208.340.009878±2.5PASSBand510MHz16QAM2060050RB#0NV05.420.006425±2.5PASSBand510MHz16QAM2060050RB#0NV10-11.98-0.014196±2.5PASSBand510MHz16QAM2060050RB#0NV20-12.11-0.014348±2.5PASSBand510MHz16QAM2060050RB#0NV301.320.001570±2.5PASSBand510MHz16QAM2060050RB#0NV301.320.001570±2.5PASSBand510MHz16QAM2060050RB#0NV405.790.006862	Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-10.92	-0.013052	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV 20 -13.62 -0.016280 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.003798 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.003798 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 40 6.29 0.007521 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50 -6.02 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 </td <td>Band5</td> <td>10MHz</td> <td>16QAM</td> <td>20525</td> <td>50RB#0</td> <td>NV</td> <td>0</td> <td>-4.14</td> <td>-0.004950</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	16QAM	20525	50RB#0	NV	0	-4.14	-0.004950	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV 30 -3.18 -0.003798 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 40 6.29 0.007521 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 40 6.29 0.007521 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50 -6.02 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10	Band5	10MHz	16QAM	20525	50RB#0	NV	10	-11.20	-0.013392	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV 40 6.29 0.007521 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50 -6.02 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20525 50RB#0 NV 50 -6.02 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20	Band5	10MHz	16QAM	20525	50RB#0	NV	20	-13.62	-0.016280	±2.5	PASS
Band5 10MHz 16QAM 20525 50RB#0 NV 50 -6.02 -0.007193 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30	Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.18	-0.003798	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -30 -10.87 -0.012876 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 </td <td>Band5</td> <td>10MHz</td> <td>16QAM</td> <td>20525</td> <td>50RB#0</td> <td>NV</td> <td>40</td> <td>6.29</td> <td>0.007521</td> <td>±2.5</td> <td>PASS</td>	Band5	10MHz	16QAM	20525	50RB#0	NV	40	6.29	0.007521	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV -20 8.34 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.009878 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 40	Band5	10MHz	16QAM	20525	50RB#0	NV	50	-6.02	-0.007193	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 0 5.42 0.006425 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 40 5.79 0.006862 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-10.87	-0.012876	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 10 -11.98 -0.014196 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 40 5.79 0.006862 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	-20	8.34	0.009878	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 20 -12.11 -0.014348 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 40 5.79 0.006862 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	0	5.42	0.006425	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 30 1.32 0.001570 ±2.5 PASS Band5 10MHz 16QAM 20600 50RB#0 NV 40 5.79 0.006862 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	10	-11.98	-0.014196	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 40 5.79 0.006862 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	20	-12.11	-0.014348	±2.5	PASS
	Band5	10MHz	16QAM	20600	50RB#0	NV	30	1.32	0.001570	±2.5	PASS
Band5 10MHz 16QAM 20600 50RB#0 NV 50 7.73 0.009155 ±2.5 PASS	Band5	10MHz	16QAM	20600	50RB#0	NV	40	5.79	0.006862	±2.5	PASS
	Band5	10MHz	16QAM	20600	50RB#0	NV	50	7.73	0.009155	±2.5	PASS

The End