

Report No.: SZEM180700654901

Page: 1 of 69

Appendix B

E-UTRA BAND 7



Report No.: SZEM180700654901

Page: 2 of 69

CONTENT

 EFFECTIVE (I 	SOTROPIC) RADIATED POWER	4
•	Result	
2. PEAK-TO-AV	/erage Ratio(CCDF)	11
2.1. Test	Result	11
2.2. Test	Plots	11
3. MODULATIO	ON CHARACTERISTICS	15
3.1. Test	BAND = LTE BAND7	15
3.1.1. Te	est Mode = LTE /TM1 20MHz	15
3.1.1.1.	Test Channel = MCH	15
3.1.2. Te	est Mode = LTE /TM2 20MHz	16
3.1.2.1.	Test Channel = MCH	16
3.1.1. Te	est Mode = LTE /TM3 20MHz	17
3.1.1.1.	Test Channel = MCH	17
4. 26dB Band	WIDTH AND OCCUPIED BANDWIDTH	18
4.1. Test	Result	18
4.2. Test	Plots	19
5. BAND EDGE	COMPLIANCE	32
5.1. Test	Plots	32
6. Spurious E	MISSION AT ANTENNA TERMINAL	49
6.1. Test	Plots	49
7. FIELD STREN	igth of Spurious Radiation	56
7.1. Test	BAND = LTE BAND 7-Main Antenna	56
7.1.1. Te	est Channel = LCH_H	56
7.1.2. Te	est Channel = LCH_V	57
7.1.3. Te	est Channel = MCH_H	57
7.1.4. Te	est Channel = MCH_V	58
7.1.5. Te	est Channel = HCH_H	58
7.1.6. Te	est Channel = HCH_V	59
7.2. Test	BAND = LTE BAND 7-Secend Antenna	60
7.2.1. Te	est Channel = LCH_H	60
7.2.2. Te	est Channel = LCH_V	61
7.2.3. Te	est Channel = MCH_H	61
7.2.4. Te	est Channel = MCH_V	62
7.2.5. Te	est Channel = HCH_H	62



Report No.: SZEM180700654901

Page: 3 of 69

	7.2.6.	Test Channel = HCH_V	63
8.	FREQ	QUENCY STABILITY	64
	9.1.	Frequency Vs Voltage	64
	9.2.	Frequency Vs Temperature	64



Report No.: SZEM180700654901

Page: 4 of 69

1. Effective (Isotropic) Radiated Power

1.1.Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
BAND7	5MHz	QPSK	20775	1RB#0	23.15	24.16	33.00	PASS
BAND7	5MHz	QPSK	20775	1RB#12	22.49	23.5	33.00	PASS
BAND7	5MHz	QPSK	20775	1RB#24	23.10	24.11	33.00	PASS
BAND7	5MHz	QPSK	20775	12RB#0	22.22	23.23	33.00	PASS
BAND7	5MHz	QPSK	20775	12RB#6	21.99	23	33.00	PASS
BAND7	5MHz	QPSK	20775	12RB#13	22.22	23.23	33.00	PASS
BAND7	5MHz	QPSK	20775	25RB#0	22.16	23.17	33.00	PASS
BAND7	5MHz	QPSK	21100	1RB#0	23.03	24.04	33.00	PASS
BAND7	5MHz	QPSK	21100	1RB#12	22.30	23.31	33.00	PASS
BAND7	5MHz	QPSK	21100	1RB#24	22.87	23.88	33.00	PASS
BAND7	5MHz	QPSK	21100	12RB#0	22.07	23.08	33.00	PASS
BAND7	5MHz	QPSK	21100	12RB#6	22.02	23.03	33.00	PASS
BAND7	5MHz	QPSK	21100	12RB#13	21.97	22.98	33.00	PASS
BAND7	5MHz	QPSK	21100	25RB#0	22.03	23.04	33.00	PASS
BAND7	5MHz	QPSK	21425	1RB#0	23.07	24.08	33.00	PASS
BAND7	5MHz	QPSK	21425	1RB#12	22.39	23.4	33.00	PASS
BAND7	5MHz	QPSK	21425	1RB#24	23.05	24.06	33.00	PASS
BAND7	5MHz	QPSK	21425	12RB#0	22.10	23.11	33.00	PASS
BAND7	5MHz	QPSK	21425	12RB#6	21.96	22.97	33.00	PASS
BAND7	5MHz	QPSK	21425	12RB#13	22.02	23.03	33.00	PASS
BAND7	5MHz	QPSK	21425	25RB#0	22.03	23.04	33.00	PASS
BAND7	5MHz	64QAM	20775	1RB#0	22.21	23.22	33.00	PASS
BAND7	5MHz	64QAM	20775	1RB#12	21.49	22.5	33.00	PASS
BAND7	5MHz	64QAM	20775	1RB#24	22.11	23.12	33.00	PASS
BAND7	5MHz	64QAM	20775	12RB#0	21.18	22.19	33.00	PASS
BAND7	5MHz	64QAM	20775	12RB#6	21.14	22.15	33.00	PASS
BAND7	5MHz	64QAM	20775	12RB#13	21.11	22.12	33.00	PASS
BAND7	5MHz	64QAM	20775	25RB#0	21.09	22.1	33.00	PASS
BAND7	5MHz	64QAM	21100	1RB#0	21.04	22.05	33.00	PASS
BAND7	5MHz	64QAM	21100	1RB#12	20.49	21.5	33.00	PASS
BAND7	5MHz	64QAM	21100	1RB#24	20.97	21.98	33.00	PASS
BAND7	5MHz	64QAM	21100	12RB#0	20.02	21.03	33.00	PASS
BAND7	5MHz	64QAM	21100	12RB#6	19.83	20.84	33.00	PASS
BAND7	5MHz	64QAM	21100	12RB#13	19.99	21	33.00	PASS



Report No.: SZEM180700654901

Page: 5 of 69

BAND7	10MHz	QPSK	21100	25RB#12	21.85	22.86	33.00	PASS
BAND7	10MHz	QPSK	21100	25RB#0	21.99	23	33.00	PASS
BAND7	10MHz	QPSK	21100	1RB#49	22.98	23.99	33.00	PASS
BAND7	10MHz	QPSK	21100	1RB#24	22.87	23.88	33.00	PASS
BAND7	10MHz	QPSK	21100	1RB#0	23.00	24.01	33.00	PASS
BAND7	10MHz	QPSK	20800	50RB#0	21.89	22.9	33.00	PASS
BAND7	10MHz	QPSK	20800	25RB#25	21.84	22.85	33.00	PASS
BAND7	10MHz	QPSK	20800	25RB#12	21.92	22.93	33.00	PASS
BAND7	10MHz	QPSK	20800	25RB#0	21.98	22.99	33.00	PASS
BAND7	10MHz	QPSK	20800	1RB#49	23.09	24.1	33.00	PASS
BAND7	10MHz	QPSK	20800	1RB#24	22.95	23.96	33.00	PASS
BAND7	10MHz	QPSK	20800	1RB#0	23.01	24.02	33.00	PASS
BAND7	5MHz	16QAM	21425	25RB#0	20.83	21.84	33.00	PASS
BAND7	5MHz	16QAM	21425	12RB#13	20.99	22	33.00	PASS
BAND7	5MHz	16QAM	21425	12RB#6	20.94	21.95	33.00	PASS
BAND7	5MHz	16QAM	21425	12RB#0	21.05	22.06	33.00	PASS
BAND7	5MHz	16QAM	21425	1RB#24	22.14	23.15	33.00	PASS
BAND7	5MHz	16QAM	21425	1RB#12	21.25	22.26	33.00	PASS
BAND7	5MHz	16QAM	21425	1RB#0	22.09	23.1	33.00	PASS
BAND7	5MHz	16QAM	21100	25RB#0	20.94	21.95	33.00	PASS
BAND7	5MHz	16QAM	21100	12RB#13	20.94	21.95	33.00	PASS
BAND7	5MHz	16QAM	21100	12RB#6	20.98	21.99	33.00	PASS
BAND7	5MHz	16QAM	21100	12RB#0	20.97	21.98	33.00	PASS
BAND7	5MHz	16QAM	21100	1RB#24	22.08	23.09	33.00	PASS
BAND7	5MHz	16QAM	21100	1RB#12	21.38	22.39	33.00	PASS
BAND7	5MHz	16QAM	21100	1RB#0	22.15	23.16	33.00	PASS
BAND7	5MHz	16QAM	20775	25RB#0	21.15	22.16	33.00	PASS
BAND7	5MHz	16QAM	20775	12RB#13	21.10	22.11	33.00	PASS
BAND7	5MHz	16QAM	20775	12RB#6	21.13	22.14	33.00	PASS
BAND7	5MHz	16QAM	20775	12RB#0	21.13	22.14	33.00	PASS
BAND7	5MHz	16QAM	20775	1RB#24	22.21	23.22	33.00	PASS
BAND7	5MHz	16QAM	20775	1RB#12	21.46	22.47	33.00	PASS
BAND7	5MHz	16QAM	20775	1RB#0	22.32	23.33	33.00	PASS
BAND7	5MHz	64QAM	21425	25RB#0	19.88	20.89	33.00	PASS
BAND7	5MHz	64QAM	21425	12RB#13	20.01	21.02	33.00	PASS
BAND7	5MHz	64QAM	21425	12RB#6	20.01	21.02	33.00	PASS
BAND7	5MHz	64QAM	21425	12RB#0	20.08	21.09	33.00	PASS
BAND7	5MHz	64QAM	21425	1RB#24	21.27	22.28	33.00	PASS
BAND7	5MHz	64QAM	21425	1RB#12	20.51	21.52	33.00	PASS
BAND7	5MHz	64QAM	21425	1RB#0	21.22	22.23	33.00	PASS
BAND7	5MHz	64QAM	21100	25RB#0	19.97	20.98	33.00	PASS



Report No.: SZEM180700654901

Page: 6 of 69

BAND7	10MHz	QPSK	21100	25RB#25	21.81	22.82	33.00	PASS
BAND7	10MHz	QPSK	21100	50RB#0	21.86	22.87	33.00	PASS
BAND7	10MHz	QPSK	21400	1RB#0	23.04	24.05	33.00	PASS
BAND7	10MHz	QPSK	21400	1RB#24	22.86	23.87	33.00	PASS
BAND7	10MHz	QPSK	21400	1RB#49	22.83	23.84	33.00	PASS
BAND7	10MHz	QPSK	21400	25RB#0	21.92	22.93	33.00	PASS
BAND7	10MHz	QPSK	21400	25RB#12	21.86	22.87	33.00	PASS
BAND7	10MHz	QPSK	21400	25RB#25	22.04	23.05	33.00	PASS
BAND7	10MHz	QPSK	21400	50RB#0	21.86	22.87	33.00	PASS
BAND7	10MHz	64QAM	20800	1RB#0	22.10	23.11	33.00	PASS
BAND7	10MHz	64QAM	20800	1RB#24	21.80	22.81	33.00	PASS
BAND7	10MHz	64QAM	20800	1RB#49	22.14	23.15	33.00	PASS
BAND7	10MHz	64QAM	20800	25RB#0	20.91	21.92	33.00	PASS
BAND7	10MHz	64QAM	20800	25RB#12	20.87	21.88	33.00	PASS
BAND7	10MHz	64QAM	20800	25RB#25	20.79	21.8	33.00	PASS
BAND7	10MHz	64QAM	20800	50RB#0	20.86	21.87	33.00	PASS
BAND7	10MHz	64QAM	21100	1RB#0	21.10	22.11	33.00	PASS
BAND7	10MHz	64QAM	21100	1RB#24	20.80	21.81	33.00	PASS
BAND7	10MHz	64QAM	21100	1RB#49	21.05	22.06	33.00	PASS
BAND7	10MHz	64QAM	21100	25RB#0	19.93	20.94	33.00	PASS
BAND7	10MHz	64QAM	21100	25RB#12	19.82	20.83	33.00	PASS
BAND7	10MHz	64QAM	21100	25RB#25	19.78	20.79	33.00	PASS
BAND7	10MHz	64QAM	21100	50RB#0	19.81	20.82	33.00	PASS
BAND7	10MHz	64QAM	21400	1RB#0	21.23	22.24	33.00	PASS
BAND7	10MHz	64QAM	21400	1RB#24	20.89	21.9	33.00	PASS
BAND7	10MHz	64QAM	21400	1RB#49	21.12	22.13	33.00	PASS
BAND7	10MHz	64QAM	21400	25RB#0	19.88	20.89	33.00	PASS
BAND7	10MHz	64QAM	21400	25RB#12	19.80	20.81	33.00	PASS
BAND7	10MHz	64QAM	21400	25RB#25	19.99	21	33.00	PASS
BAND7	10MHz	64QAM	21400	50RB#0	19.82	20.83	33.00	PASS
BAND7	10MHz	16QAM	20800	1RB#0	22.10	23.11	33.00	PASS
BAND7	10MHz	16QAM	20800	1RB#24	22.00	23.01	33.00	PASS
BAND7	10MHz	16QAM	20800	1RB#49	22.22	23.23	33.00	PASS
BAND7	10MHz	16QAM	20800	25RB#0	20.94	21.95	33.00	PASS
BAND7	10MHz	16QAM	20800	25RB#12	20.88	21.89	33.00	PASS
BAND7	10MHz	16QAM	20800	25RB#25	20.78	21.79	33.00	PASS
BAND7	10MHz	16QAM	20800	50RB#0	20.83	21.84	33.00	PASS
BAND7	10MHz	16QAM	21100	1RB#0	22.13	23.14	33.00	PASS
BAND7	10MHz	16QAM	21100	1RB#24	21.80	22.81	33.00	PASS
BAND7	10MHz	16QAM	21100	1RB#49	22.10	23.11	33.00	PASS
BAND7	10MHz	16QAM	21100	25RB#0	20.93	21.94	33.00	PASS



Report No.: SZEM180700654901

Page: 7 of 69

BAND7	10MHz	16QAM	21100	25RB#12	20.78	21.79	33.00	PASS
BAND7	10MHz	16QAM	21100	25RB#25	20.72	21.73	33.00	PASS
BAND7	10MHz	16QAM	21100	50RB#0	20.79	21.8	33.00	PASS
BAND7	10MHz	16QAM	21400	1RB#0	22.17	23.18	33.00	PASS
BAND7	10MHz	16QAM	21400	1RB#24	21.91	22.92	33.00	PASS
BAND7	10MHz	16QAM	21400	1RB#49	22.13	23.14	33.00	PASS
BAND7	10MHz	16QAM	21400	25RB#0	20.88	21.89	33.00	PASS
BAND7	10MHz	16QAM	21400	25RB#12	20.79	21.8	33.00	PASS
BAND7	10MHz	16QAM	21400	25RB#25	20.99	22	33.00	PASS
BAND7	10MHz	16QAM	21400	50RB#0	20.77	21.78	33.00	PASS
BAND7	15MHz	QPSK	20825	1RB#0	22.97	23.98	33.00	PASS
BAND7	15MHz	QPSK	20825	1RB#38	22.89	23.9	33.00	PASS
BAND7	15MHz	QPSK	20825	1RB#74	22.84	23.85	33.00	PASS
BAND7	15MHz	QPSK	20825	36RB#0	22.02	23.03	33.00	PASS
BAND7	15MHz	QPSK	20825	36RB#18	21.87	22.88	33.00	PASS
BAND7	15MHz	QPSK	20825	36RB#39	21.89	22.9	33.00	PASS
BAND7	15MHz	QPSK	20825	75RB#0	21.90	22.91	33.00	PASS
BAND7	15MHz	QPSK	21100	1RB#0	22.97	23.98	33.00	PASS
BAND7	15MHz	QPSK	21100	1RB#38	23.00	24.01	33.00	PASS
BAND7	15MHz	QPSK	21100	1RB#74	22.84	23.85	33.00	PASS
BAND7	15MHz	QPSK	21100	36RB#0	22.01	23.02	33.00	PASS
BAND7	15MHz	QPSK	21100	36RB#18	22.06	23.07	33.00	PASS
BAND7	15MHz	QPSK	21100	36RB#39	21.95	22.96	33.00	PASS
BAND7	15MHz	QPSK	21100	75RB#0	21.99	23	33.00	PASS
BAND7	15MHz	QPSK	21375	1RB#0	22.90	23.91	33.00	PASS
BAND7	15MHz	QPSK	21375	1RB#38	22.93	23.94	33.00	PASS
BAND7	15MHz	QPSK	21375	1RB#74	22.74	23.75	33.00	PASS
BAND7	15MHz	QPSK	21375	36RB#0	22.16	23.17	33.00	PASS
BAND7	15MHz	QPSK	21375	36RB#18	21.91	22.92	33.00	PASS
BAND7	15MHz	QPSK	21375	36RB#39	22.09	23.1	33.00	PASS
BAND7	15MHz	QPSK	21375	75RB#0	21.88	22.89	33.00	PASS
BAND7	15MHz	64QAM	20825	1RB#0	22.03	23.04	33.00	PASS
BAND7	15MHz	64QAM	20825	1RB#38	22.00	23.01	33.00	PASS
BAND7	15MHz	64QAM	20825	1RB#74	21.94	22.95	33.00	PASS
BAND7	15MHz	64QAM	20825	36RB#0	20.99	22	33.00	PASS
BAND7	15MHz	64QAM	20825	36RB#18	20.83	21.84	33.00	PASS
BAND7	15MHz	64QAM	20825	36RB#39	20.84	21.85	33.00	PASS
BAND7	15MHz	64QAM	20825	75RB#0	20.83	21.84	33.00	PASS
BAND7	15MHz	64QAM	21100	1RB#0	21.14	22.15	33.00	PASS
BAND7	15MHz	64QAM	21100	1RB#38	21.24	22.25	33.00	PASS
BAND7	15MHz	64QAM	21100	1RB#74	21.04	22.05	33.00	PASS



Report No.: SZEM180700654901

Page: 8 of 69

BAND7	15MHz	64QAM	21100	36RB#0	19.97	20.98	33.00	PASS
BAND7	15MHz	64QAM	21100	36RB#18	20.00	21.01	33.00	PASS
BAND7	15MHz	64QAM	21100	36RB#39	19.94	20.95	33.00	PASS
BAND7	15MHz	64QAM	21100	75RB#0	19.98	20.99	33.00	PASS
BAND7	15MHz	64QAM	21375	1RB#0	21.09	22.1	33.00	PASS
BAND7	15MHz	64QAM	21375	1RB#38	21.10	22.11	33.00	PASS
BAND7	15MHz	64QAM	21375	1RB#74	21.18	22.19	33.00	PASS
BAND7	15MHz	64QAM	21375	36RB#0	20.09	21.1	33.00	PASS
BAND7	15MHz	64QAM	21375	36RB#18	19.88	20.89	33.00	PASS
BAND7	15MHz	64QAM	21375	36RB#39	20.03	21.04	33.00	PASS
BAND7	15MHz	64QAM	21375	75RB#0	19.87	20.88	33.00	PASS
BAND7	15MHz	16QAM	20825	1RB#0	22.15	23.16	33.00	PASS
BAND7	15MHz	16QAM	20825	1RB#38	22.03	23.04	33.00	PASS
BAND7	15MHz	16QAM	20825	1RB#74	21.99	23	33.00	PASS
BAND7	15MHz	16QAM	20825	36RB#0	20.98	21.99	33.00	PASS
BAND7	15MHz	16QAM	20825	36RB#18	20.83	21.84	33.00	PASS
BAND7	15MHz	16QAM	20825	36RB#39	20.83	21.84	33.00	PASS
BAND7	15MHz	16QAM	20825	75RB#0	20.83	21.84	33.00	PASS
BAND7	15MHz	16QAM	21100	1RB#0	22.01	23.02	33.00	PASS
BAND7	15MHz	16QAM	21100	1RB#38	22.18	23.19	33.00	PASS
BAND7	15MHz	16QAM	21100	1RB#74	22.02	23.03	33.00	PASS
BAND7	15MHz	16QAM	21100	36RB#0	20.96	21.97	33.00	PASS
BAND7	15MHz	16QAM	21100	36RB#18	20.95	21.96	33.00	PASS
BAND7	15MHz	16QAM	21100	36RB#39	20.92	21.93	33.00	PASS
BAND7	15MHz	16QAM	21100	75RB#0	20.94	21.95	33.00	PASS
BAND7	15MHz	16QAM	21375	1RB#0	22.15	23.16	33.00	PASS
BAND7	15MHz	16QAM	21375	1RB#38	22.11	23.12	33.00	PASS
BAND7	15MHz	16QAM	21375	1RB#74	22.16	23.17	33.00	PASS
BAND7	15MHz	16QAM	21375	36RB#0	21.11	22.12	33.00	PASS
BAND7	15MHz	16QAM	21375	36RB#18	20.84	21.85	33.00	PASS
BAND7	15MHz	16QAM	21375	36RB#39	21.03	22.04	33.00	PASS
BAND7	15MHz	16QAM	21375	75RB#0	20.80	21.81	33.00	PASS
BAND7	20MHz	QPSK	20850	1RB#0	23.11	24.12	33.00	PASS
BAND7	20MHz	QPSK	20850	1RB#49	22.87	23.88	33.00	PASS
BAND7	20MHz	QPSK	20850	1RB#99	23.03	24.04	33.00	PASS
BAND7	20MHz	QPSK	20850	50RB#0	21.99	23	33.00	PASS
BAND7	20MHz	QPSK	20850	50RB#25	21.90	22.91	33.00	PASS
BAND7	20MHz	QPSK	20850	50RB#50	21.94	22.95	33.00	PASS
BAND7	20MHz	QPSK	20850	100RB#0	21.98	22.99	33.00	PASS
BAND7	20MHz	QPSK	21100	1RB#0	23.22	24.23	33.00	PASS
BAND7	20MHz	QPSK	21100	1RB#49	22.86	23.87	33.00	PASS
			<u>.</u>					



Report No.: SZEM180700654901

Page: 9 of 69

BAND7	20MHz	QPSK	21100	1RB#99	23.13	24.14	33.00	PASS
BAND7	20MHz	QPSK	21100	50RB#0	22.06	23.07	33.00	PASS
BAND7	20MHz	QPSK	21100	50RB#25	21.83	22.84	33.00	PASS
BAND7	20MHz	QPSK	21100	50RB#50	21.86	22.87	33.00	PASS
BAND7	20MHz	QPSK	21100	100RB#0	21.90	22.91	33.00	PASS
BAND7	20MHz	QPSK	21350	1RB#0	23.07	24.08	33.00	PASS
BAND7	20MHz	QPSK	21350	1RB#49	22.94	23.95	33.00	PASS
BAND7	20MHz	QPSK	21350	1RB#99	22.94	23.95	33.00	PASS
BAND7	20MHz	QPSK	21350	50RB#0	22.17	23.18	33.00	PASS
BAND7	20MHz	QPSK	21350	50RB#25	22.10	23.11	33.00	PASS
BAND7	20MHz	QPSK	21350	50RB#50	22.11	23.12	33.00	PASS
BAND7	20MHz	QPSK	21350	100RB#0	22.07	23.08	33.00	PASS
BAND7	20MHz	64QAM	20850	1RB#0	22.27	23.28	33.00	PASS
BAND7	20MHz	64QAM	20850	1RB#49	21.78	22.79	33.00	PASS
BAND7	20MHz	64QAM	20850	1RB#99	21.98	22.99	33.00	PASS
BAND7	20MHz	64QAM	20850	50RB#0	20.98	21.99	33.00	PASS
BAND7	20MHz	64QAM	20850	50RB#25	20.86	21.87	33.00	PASS
BAND7	20MHz	64QAM	20850	50RB#50	20.87	21.88	33.00	PASS
BAND7	20MHz	64QAM	20850	100RB#0	20.92	21.93	33.00	PASS
BAND7	20MHz	64QAM	21100	1RB#0	21.28	22.29	33.00	PASS
BAND7	20MHz	64QAM	21100	1RB#49	20.86	21.87	33.00	PASS
BAND7	20MHz	64QAM	21100	1RB#99	21.30	22.31	33.00	PASS
BAND7	20MHz	64QAM	21100	50RB#0	20.01	21.02	33.00	PASS
BAND7	20MHz	64QAM	21100	50RB#25	19.80	20.81	33.00	PASS
BAND7	20MHz	64QAM	21100	50RB#50	19.78	20.79	33.00	PASS
BAND7	20MHz	64QAM	21100	100RB#0	19.87	20.88	33.00	PASS
BAND7	20MHz	64QAM	21350	1RB#0	21.16	22.17	33.00	PASS
BAND7	20MHz	64QAM	21350	1RB#49	20.99	22	33.00	PASS
BAND7	20MHz	64QAM	21350	1RB#99	21.34	22.35	33.00	PASS
BAND7	20MHz	64QAM	21350	50RB#0	20.12	21.13	33.00	PASS
BAND7	20MHz	64QAM	21350	50RB#25	20.05	21.06	33.00	PASS
BAND7	20MHz	64QAM	21350	50RB#50	19.86	20.87	33.00	PASS
BAND7	20MHz	64QAM	21350	100RB#0	20.02	21.03	33.00	PASS
BAND7	20MHz	16QAM	20850	1RB#0	22.23	23.24	33.00	PASS
BAND7	20MHz	16QAM	20850	1RB#49	21.71	22.72	33.00	PASS
BAND7	20MHz	16QAM	20850	1RB#99	22.13	23.14	33.00	PASS
BAND7	20MHz	16QAM	20850	50RB#0	20.98	21.99	33.00	PASS
BAND7	20MHz	16QAM	20850	50RB#25	20.87	21.88	33.00	PASS
BAND7	20MHz	16QAM	20850	50RB#50	20.89	21.9	33.00	PASS
DANIDZ								
BAND7	20MHz	16QAM	20850	100RB#0	20.92	21.93	33.00	PASS



Report No.: SZEM180700654901

Page: 10 of 69

BAND7	20MHz	16QAM	21100	1RB#49	21.71	22.72	33.00	PASS
BAND7	20MHz	16QAM	21100	1RB#99	22.24	23.25	33.00	PASS
BAND7	20MHz	16QAM	21100	50RB#0	20.99	22	33.00	PASS
BAND7	20MHz	16QAM	21100	50RB#25	20.77	21.78	33.00	PASS
BAND7	20MHz	16QAM	21100	50RB#50	20.75	21.76	33.00	PASS
BAND7	20MHz	16QAM	21100	100RB#0	20.82	21.83	33.00	PASS
BAND7	20MHz	16QAM	21350	1RB#0	22.17	23.18	33.00	PASS
BAND7	20MHz	16QAM	21350	1RB#49	21.82	22.83	33.00	PASS
BAND7	20MHz	16QAM	21350	1RB#99	22.26	23.27	33.00	PASS
BAND7	20MHz	16QAM	21350	50RB#0	21.11	22.12	33.00	PASS
BAND7	20MHz	16QAM	21350	50RB#25	21.04	22.05	33.00	PASS
BAND7	20MHz	16QAM	21350	50RB#50	21.03	22.04	33.00	PASS
BAND7	20MHz	16QAM	21350	100RB#0	21.03	22.04	33.00	PASS

Note:

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

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.: SZEM180700654901

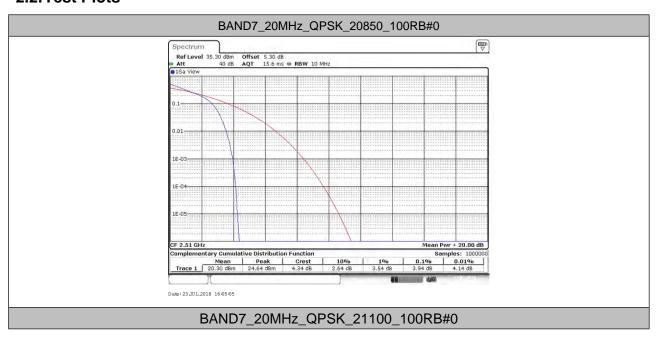
Page: 11 of 69

2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
BAND7	20MHz	QPSK	20850	100RB#0	3.94	13	PASS
BAND7	20MHz	QPSK	21100	100RB#0	3.83	13	PASS
BAND7	20MHz	QPSK	21350	100RB#0	4.06	13	PASS
BAND7	20MHz	64QAM	20850	100RB#0	5.71	13	PASS
BAND7	20MHz	64QAM	21100	100RB#0	6.12	13	PASS
BAND7	20MHz	64QAM	21350	100RB#0	6.29	13	PASS
BAND7	20MHz	16QAM	20850	100RB#0	5.68	13	PASS
BAND7	20MHz	16QAM	21100	100RB#0	5.65	13	PASS
BAND7	20MHz	16QAM	21350	100RB#0	5.88	13	PASS

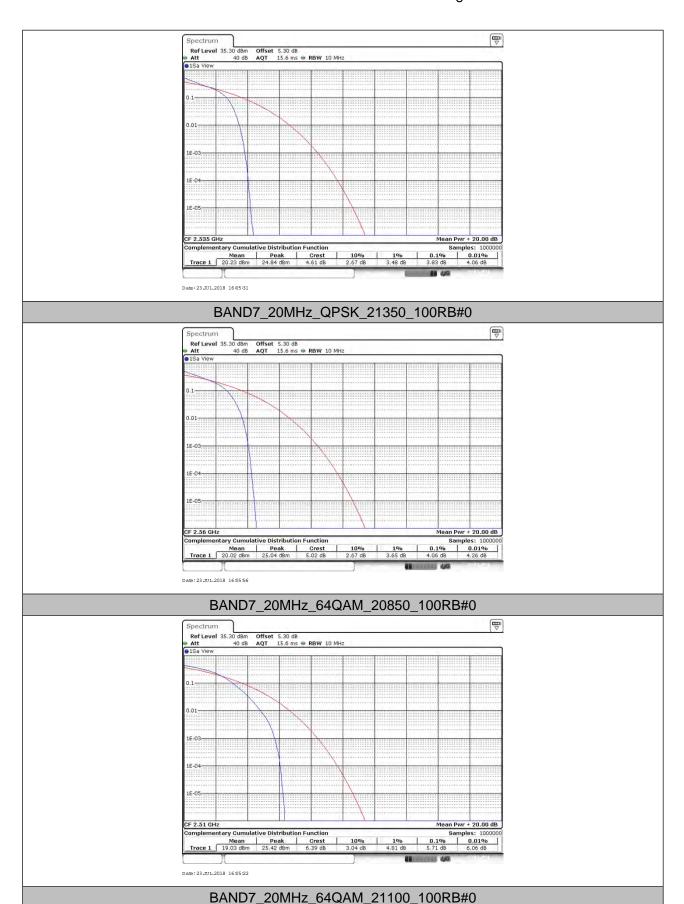
2.2. Test Plots





Report No.: SZEM180700654901

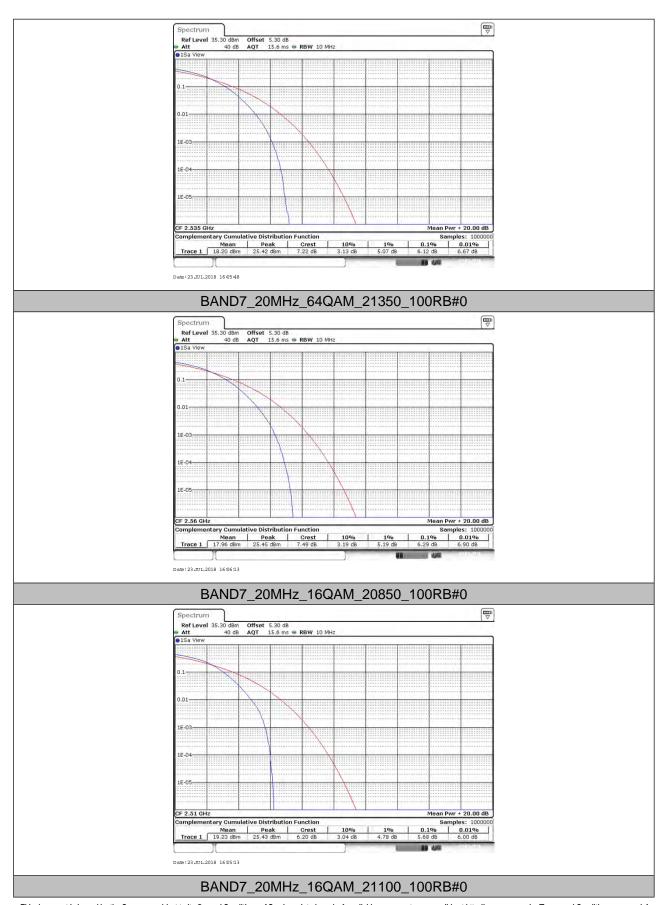
Page: 12 of 69





Report No.: SZEM180700654901

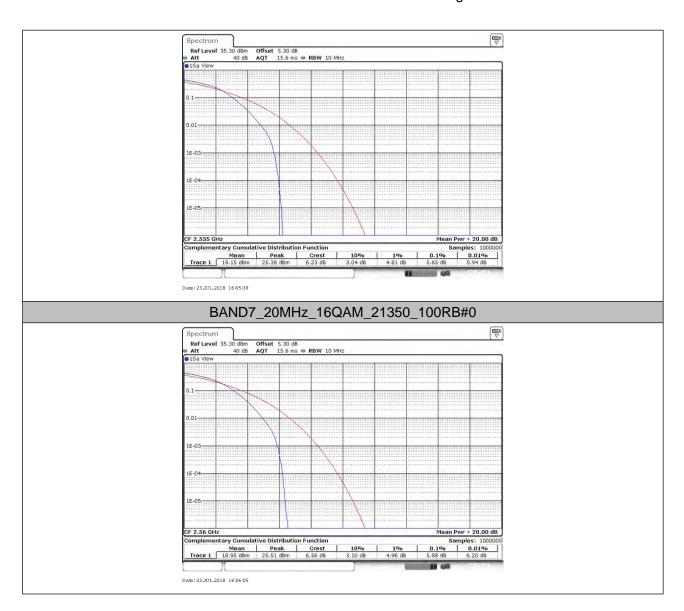
Page: 13 of 69





Report No.: SZEM180700654901

Page: 14 of 69



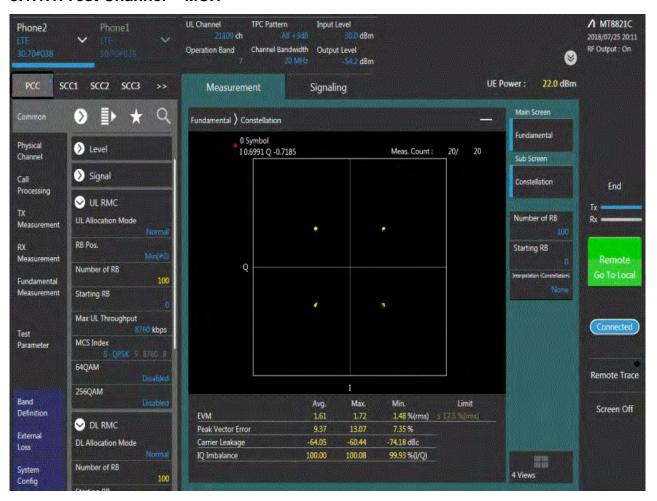


Report No.: SZEM180700654901

Page: 15 of 69

3. Modulation Characteristics

- 3.1. Test BAND = LTE BAND7
- 3.1.1. Test Mode = LTE /TM1 20MHz
- 3.1.1.1. Test Channel = MCH



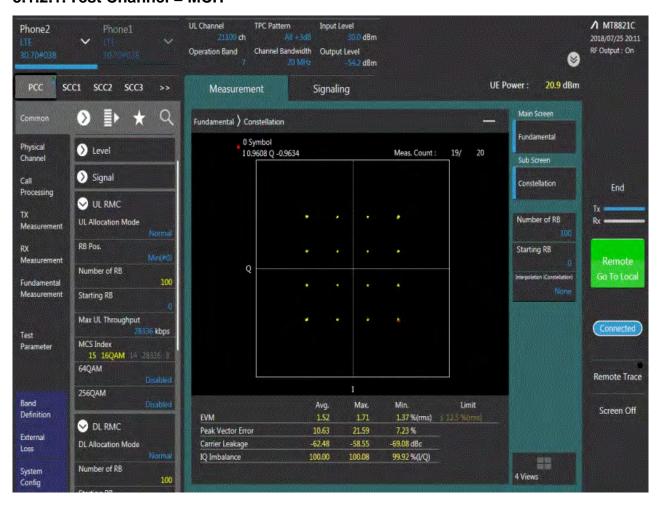


Report No.: SZEM180700654901

Page: 16 of 69

3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



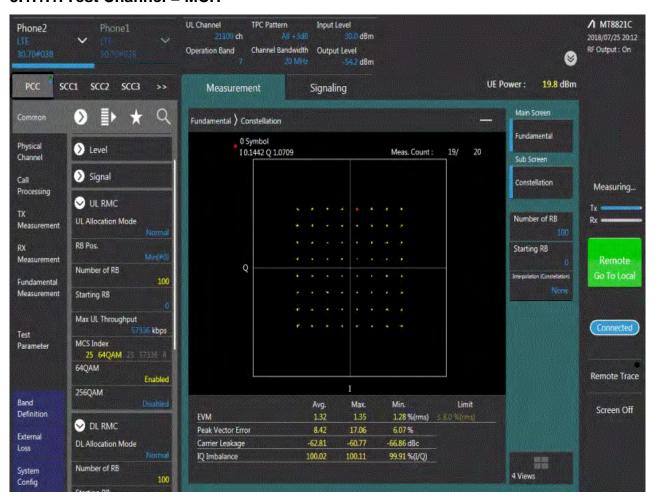


Report No.: SZEM180700654901

Page: 17 of 69

3.1.1. Test Mode = LTE /TM3 20MHz

3.1.1.1. Test Channel = MCH





Report No.: SZEM180700654901

Page: 18 of 69

4. 26dB Bandwidth and Occupied Bandwidth

4.1.Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
BAND7	5MHz	QPSK	20775	25RB#0	4.476	4.910	PASS
BAND7	5MHz	QPSK	21100	25RB#0	4.476	4.900	PASS
BAND7	5MHz	QPSK	21425	25RB#0	4.476	4.880	PASS
BAND7	5MHz	64QAM	20775	25RB#0	4.476	4.880	PASS
BAND7	5MHz	64QAM	21100	25RB#0	4.476	4.930	PASS
BAND7	5MHz	64QAM	21425	25RB#0	4.466	4.910	PASS
BAND7	5MHz	16QAM	20775	25RB#0	4.476	4.930	PASS
BAND7	5MHz	16QAM	21100	25RB#0	4.476	4.900	PASS
BAND7	5MHz	16QAM	21425	25RB#0	4.466	4.930	PASS
BAND7	10MHz	QPSK	20800	50RB#0	8.951	9.780	PASS
BAND7	10MHz	QPSK	21100	50RB#0	8.931	9.760	PASS
BAND7	10MHz	QPSK	21400	50RB#0	8.911	9.780	PASS
BAND7	10MHz	64QAM	20800	50RB#0	8.951	9.760	PASS
BAND7	10MHz	64QAM	21100	50RB#0	8.931	9.740	PASS
BAND7	10MHz	64QAM	21400	50RB#0	8.931	9.760	PASS
BAND7	10MHz	16QAM	20800	50RB#0	8.951	9.780	PASS
BAND7	10MHz	16QAM	21100	50RB#0	8.931	9.740	PASS
BAND7	10MHz	16QAM	21400	50RB#0	8.931	9.760	PASS
BAND7	15MHz	QPSK	20825	75RB#0	13.487	15.030	PASS
BAND7	15MHz	QPSK	21100	75RB#0	13.516	15.030	PASS
BAND7	15MHz	QPSK	21375	75RB#0	13.516	15.060	PASS
BAND7	15MHz	64QAM	20825	75RB#0	13.516	15.090	PASS
BAND7	15MHz	64QAM	21100	75RB#0	13.516	15.060	PASS
BAND7	15MHz	64QAM	21375	75RB#0	13.457	15.120	PASS
BAND7	15MHz	16QAM	20825	75RB#0	13.487	15.090	PASS
BAND7	15MHz	16QAM	21100	75RB#0	13.487	15.030	PASS
BAND7	15MHz	16QAM	21375	75RB#0	13.487	15.030	PASS
BAND7	20MHz	QPSK	20850	100RB#0	17.942	19.840	PASS
BAND7	20MHz	QPSK	21100	100RB#0	17.942	19.720	PASS
BAND7	20MHz	QPSK	21350	100RB#0	17.942	19.840	PASS
BAND7	20MHz	64QAM	20850	100RB#0	17.942	19.760	PASS
BAND7	20MHz	64QAM	21100	100RB#0	17.902	19.840	PASS
BAND7	20MHz	64QAM	21350	100RB#0	17.982	19.800	PASS

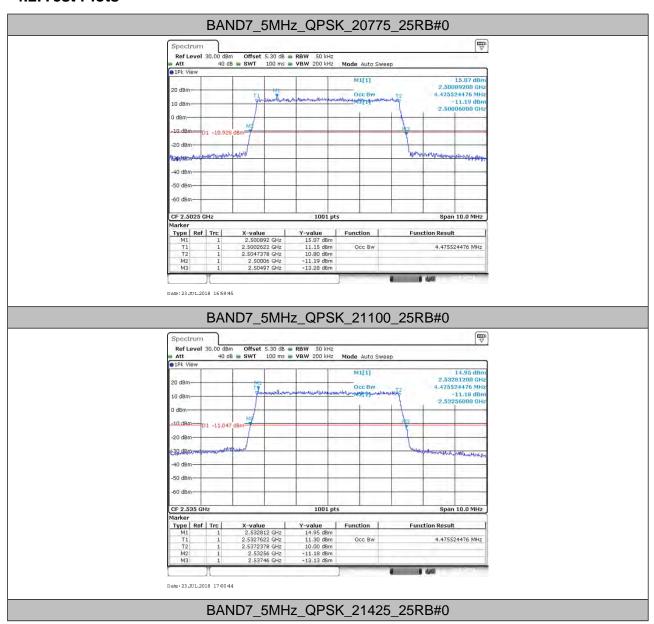


Report No.: SZEM180700654901

Page: 19 of 69

BAND7	20MHz	16QAM	20850	100RB#0	17.942	19.800	PASS
BAND7	20MHz	16QAM	21100	100RB#0	17.982	19.680	PASS
BAND7	20MHz	16QAM	21350	100RB#0	17.942	19.840	PASS

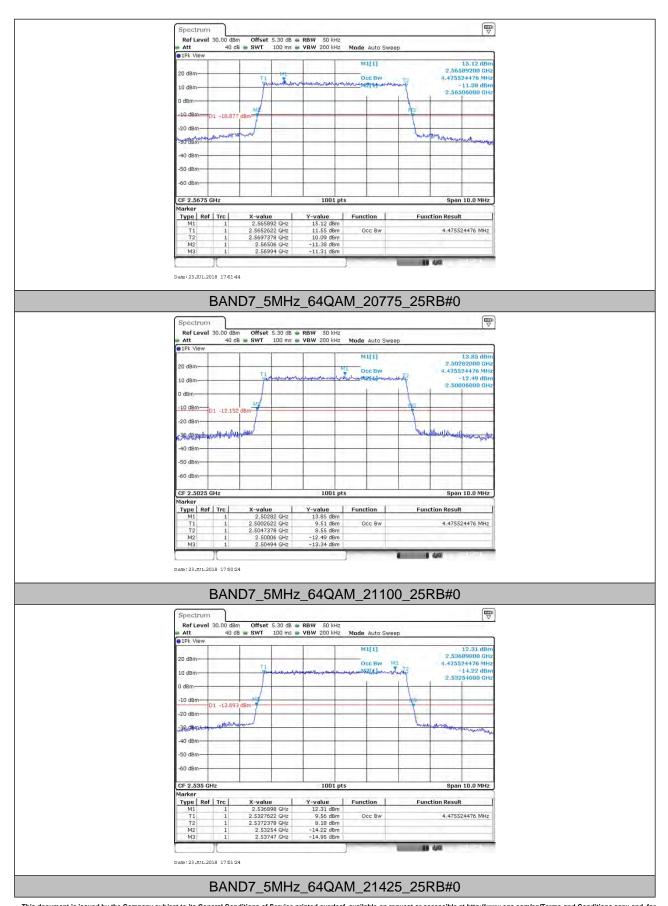
4.2. Test Plots





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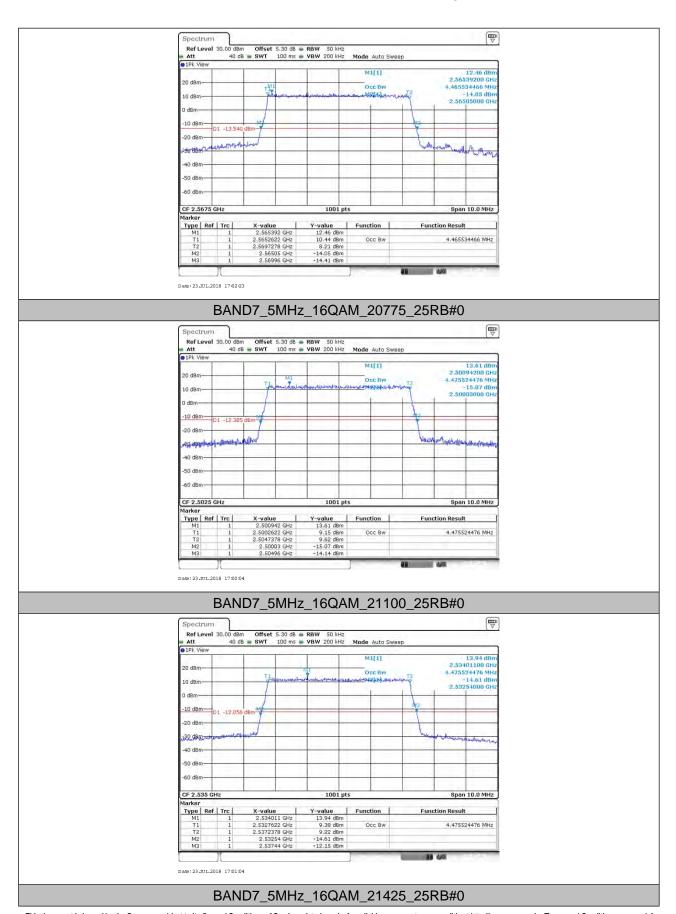
Page: 20 of 69





Report No.: SZEM180700654901

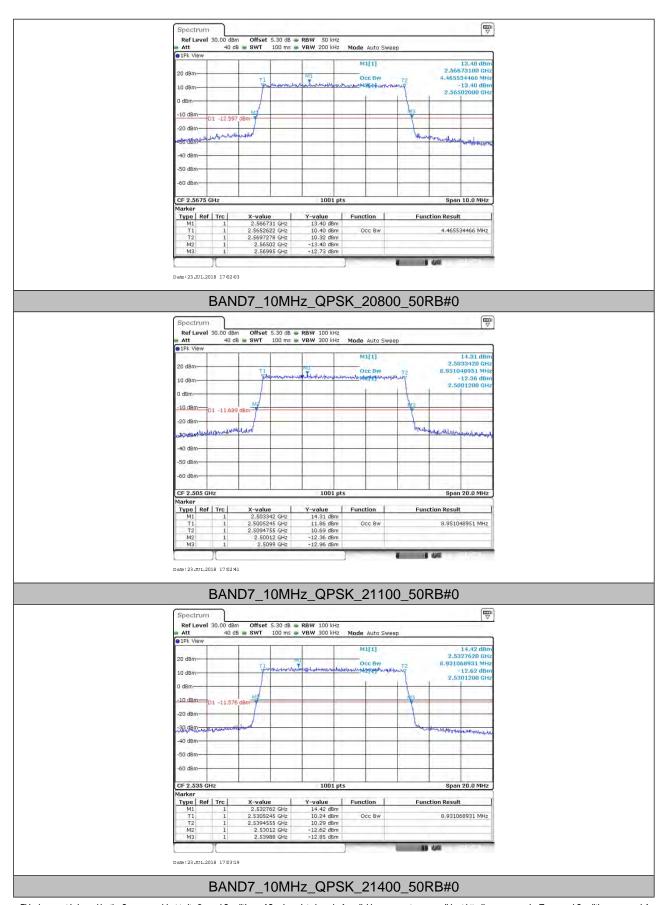
Page: 21 of 69





Report No.: SZEM180700654901

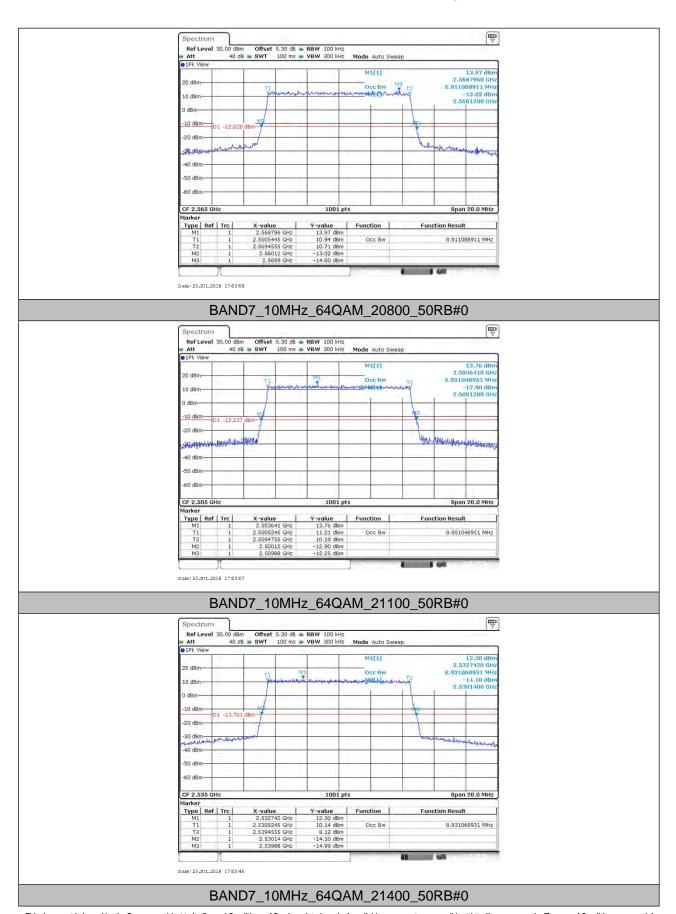
Page: 22 of 69





Report No.: SZEM180700654901

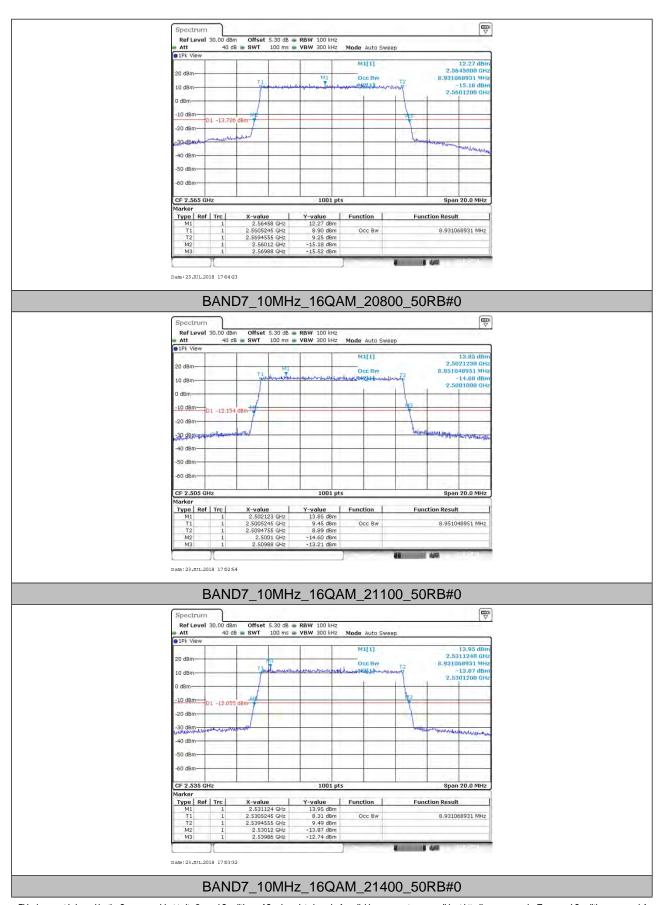
Page: 23 of 69





Report No.: SZEM180700654901

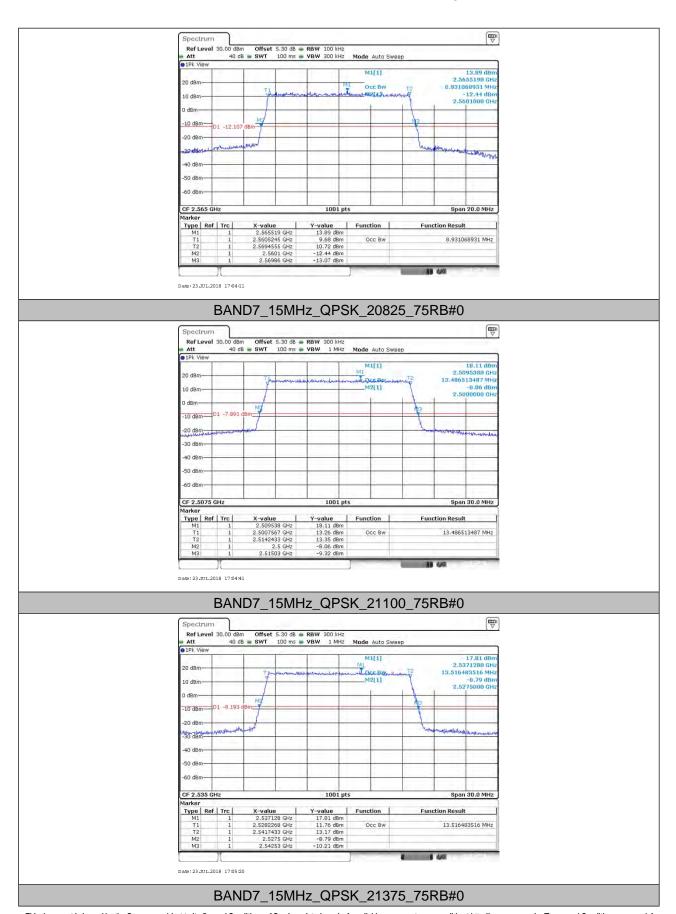
Page: 24 of 69





Report No.: SZEM180700654901

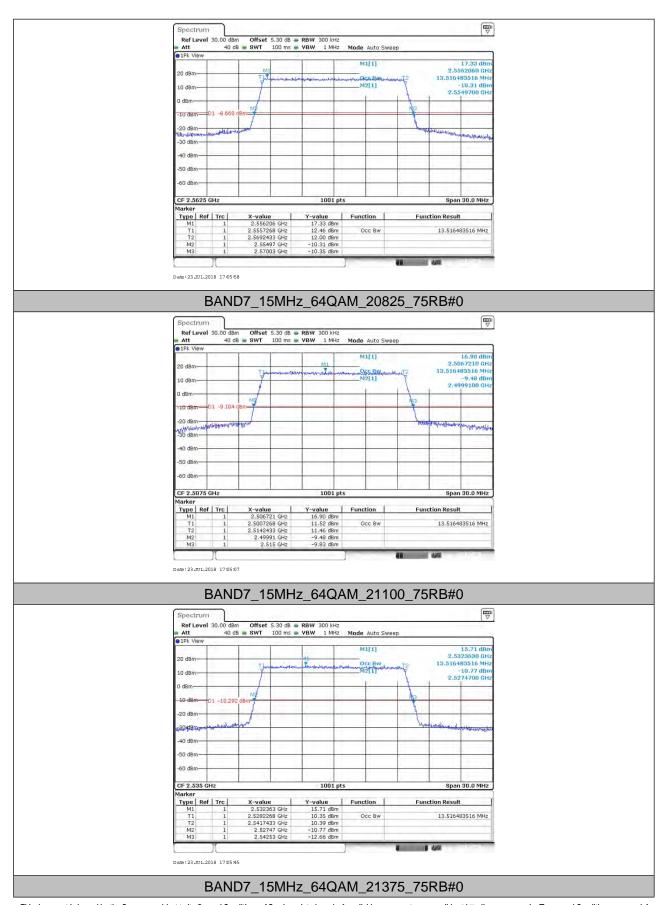
Page: 25 of 69





Report No.: SZEM180700654901

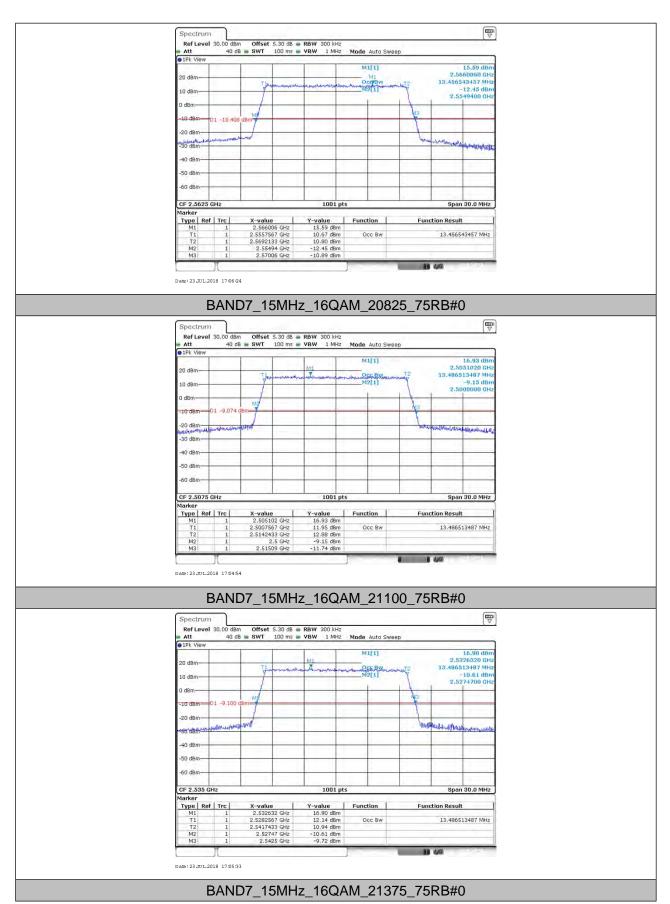
Page: 26 of 69





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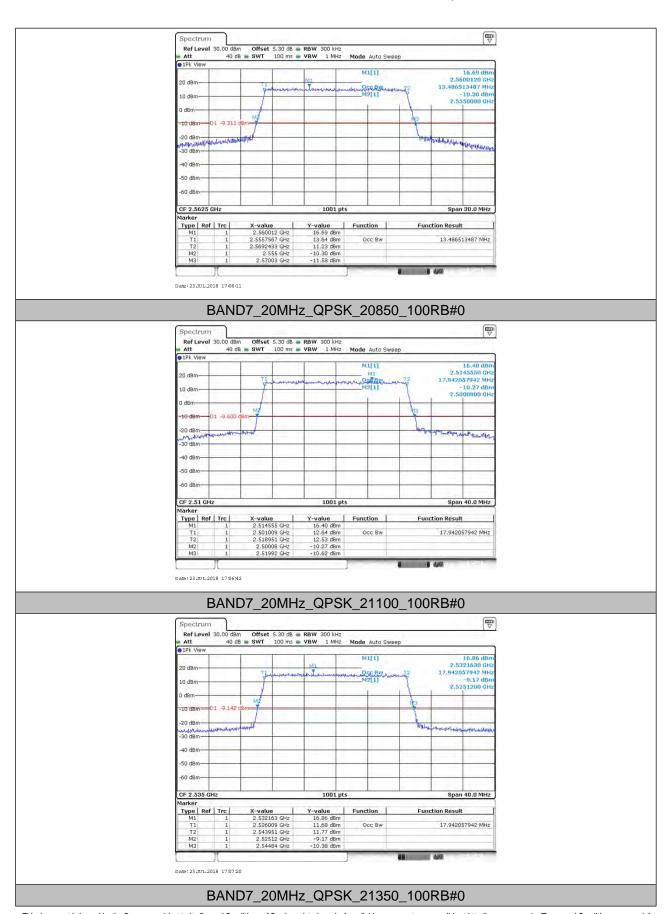
Page: 27 of 69





Report No.: SZEM180700654901

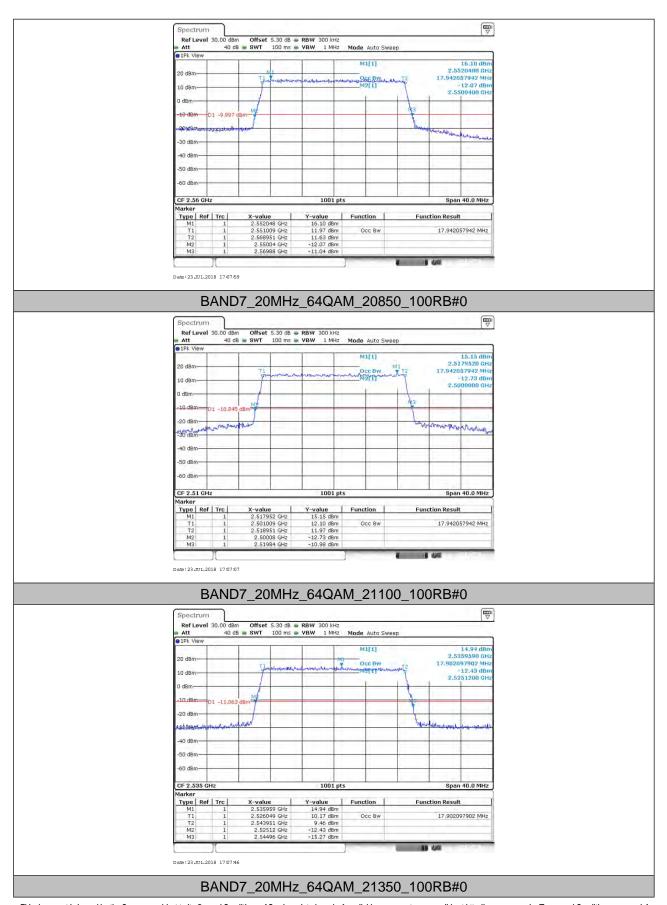
Page: 28 of 69





Report No.: SZEM180700654901

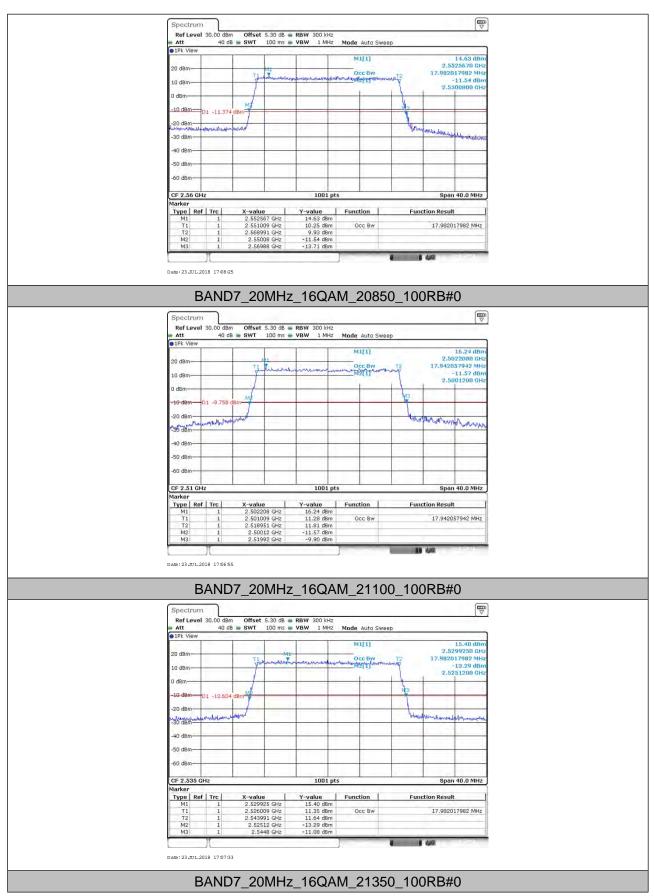
Page: 29 of 69





Report No.: SZEM180700654901

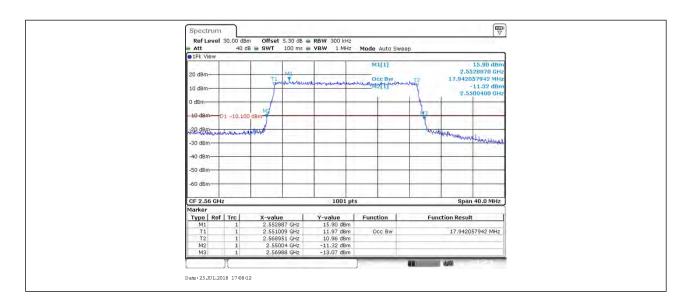
Page: 30 of 69





Report No.: SZEM180700654901

Page: 31 of 69



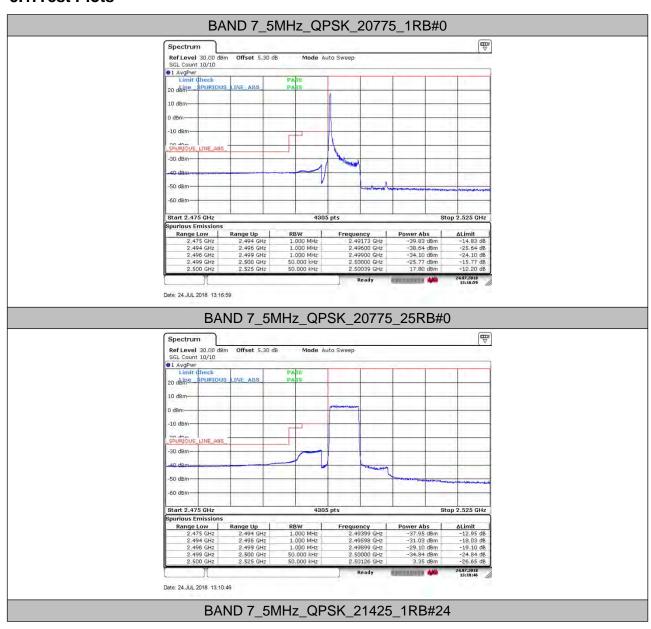


Report No.: SZEM180700654901

Page: 32 of 69

5. Band Edge Compliance

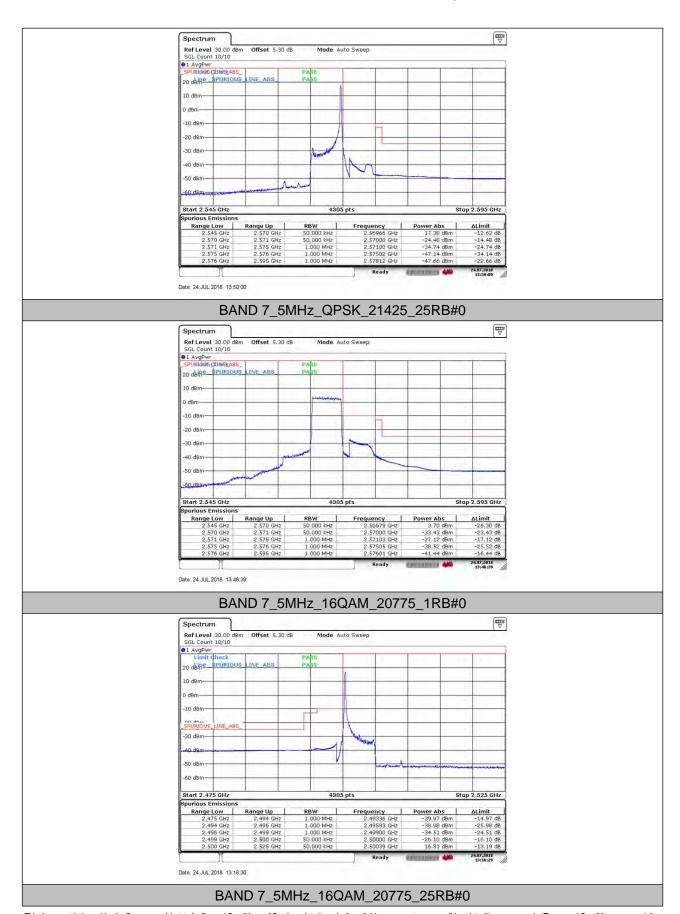
5.1. Test Plots





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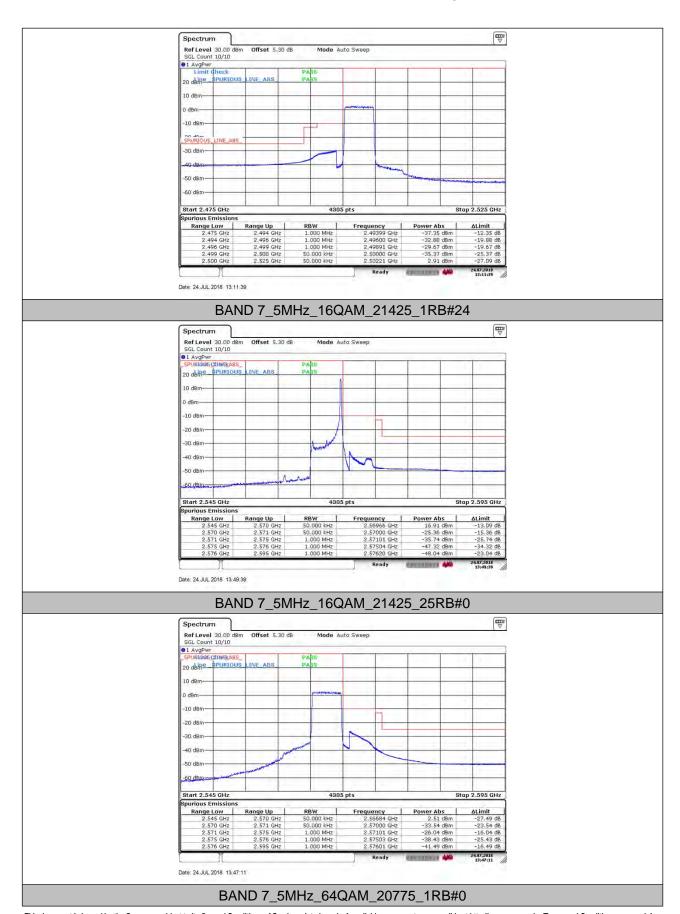
Page: 33 of 69





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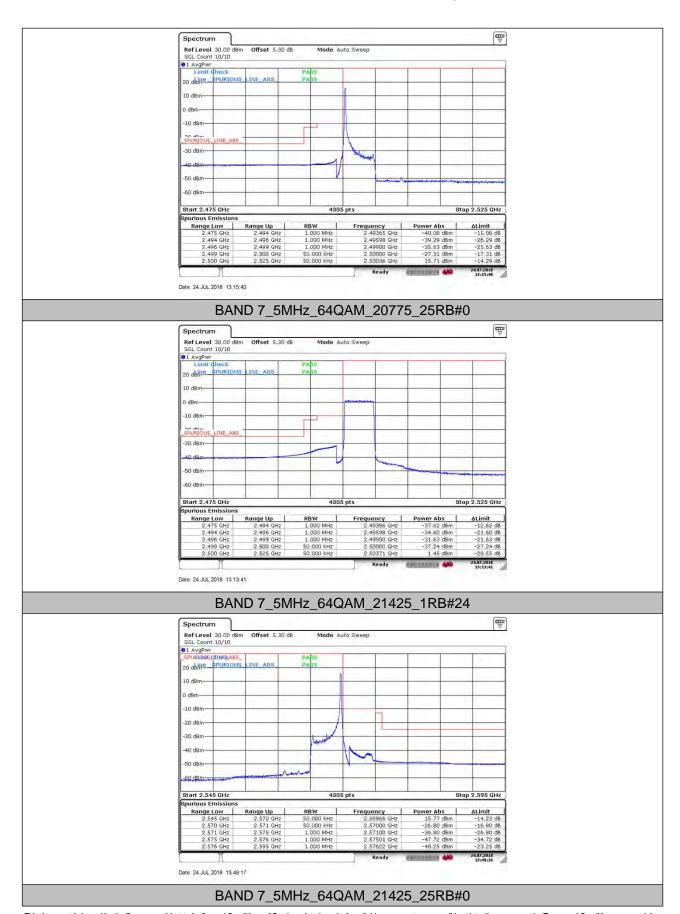
Page: 34 of 69





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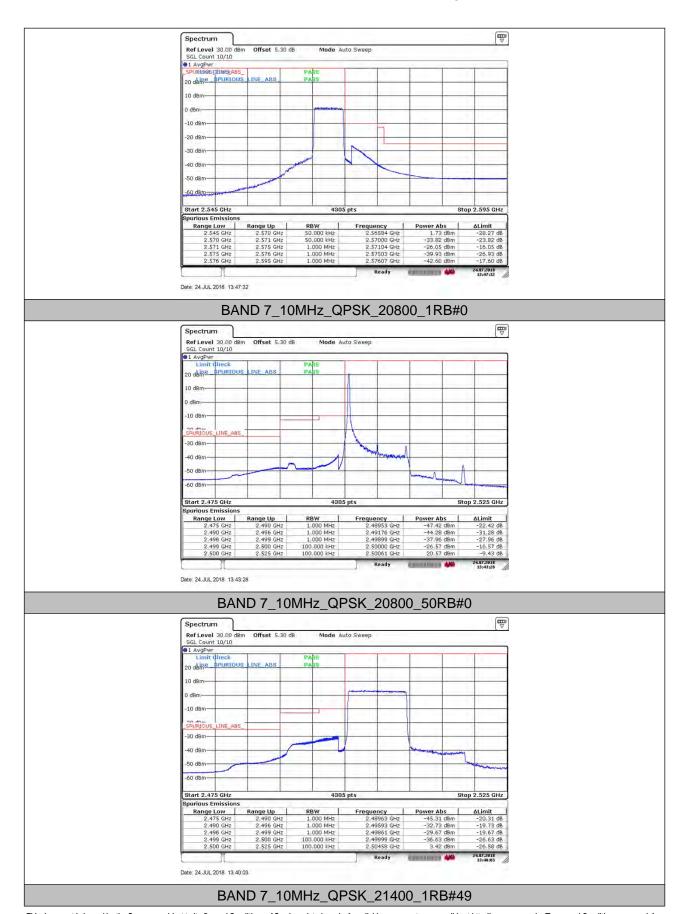
Page: 35 of 69





Report No.: SZEM180700654901

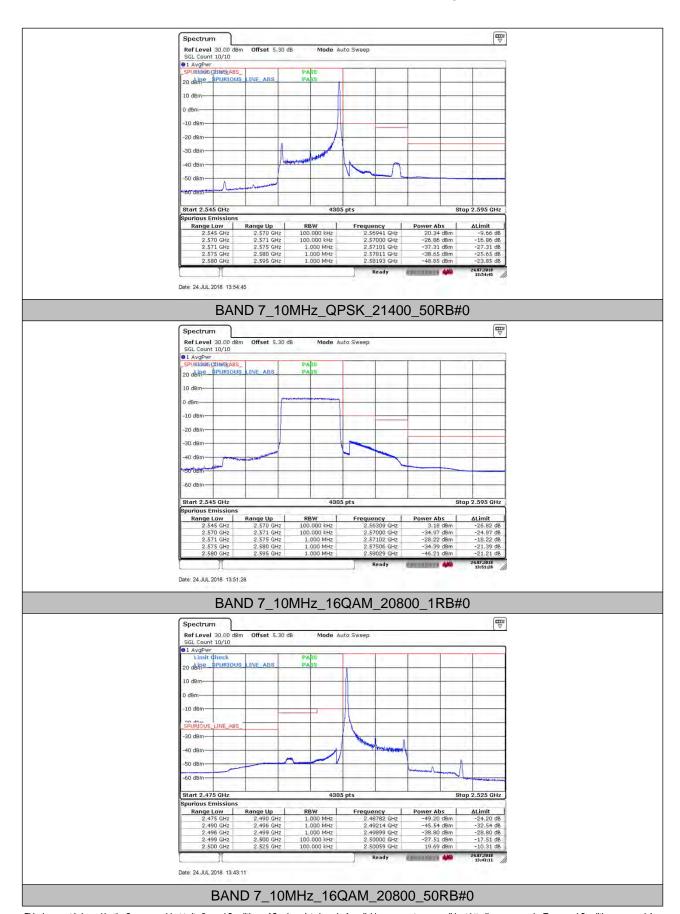
Page: 36 of 69





Report No.: SZEM180700654901

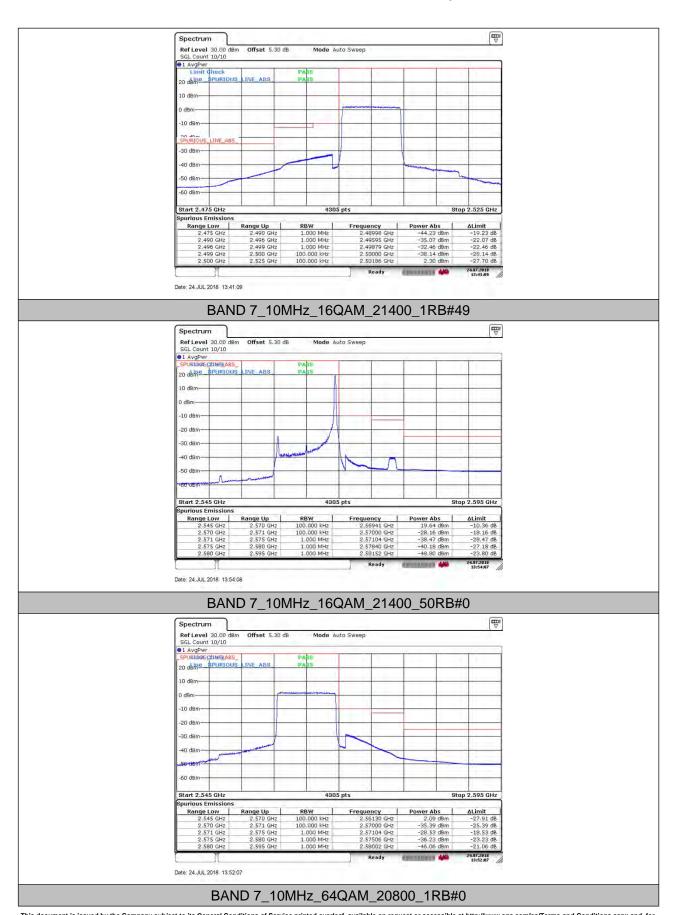
Page: 37 of 69





Report No.: SZEM180700654901

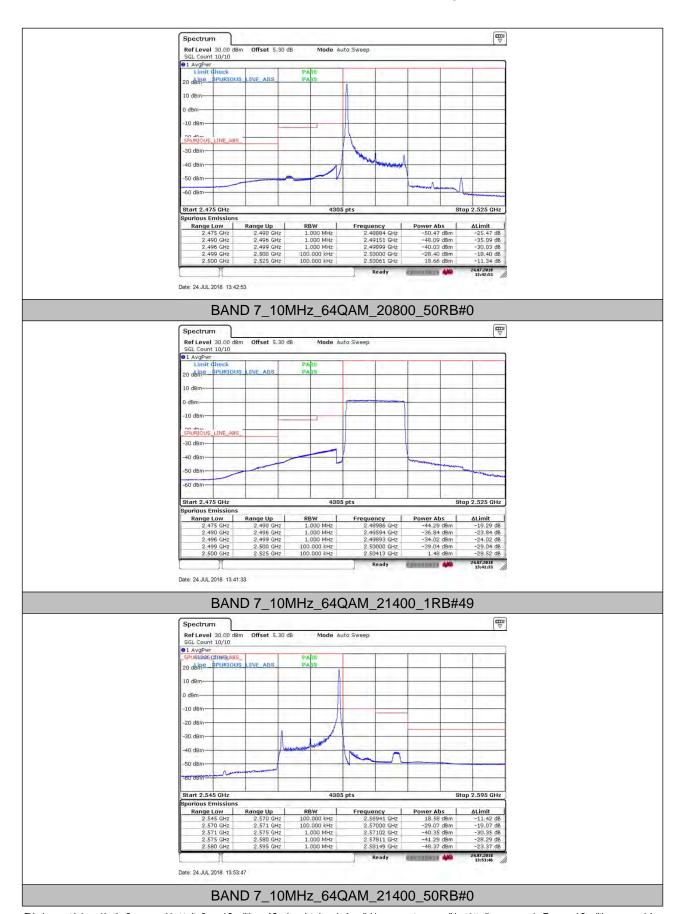
Page: 38 of 69





Report No.: SZEM180700654901

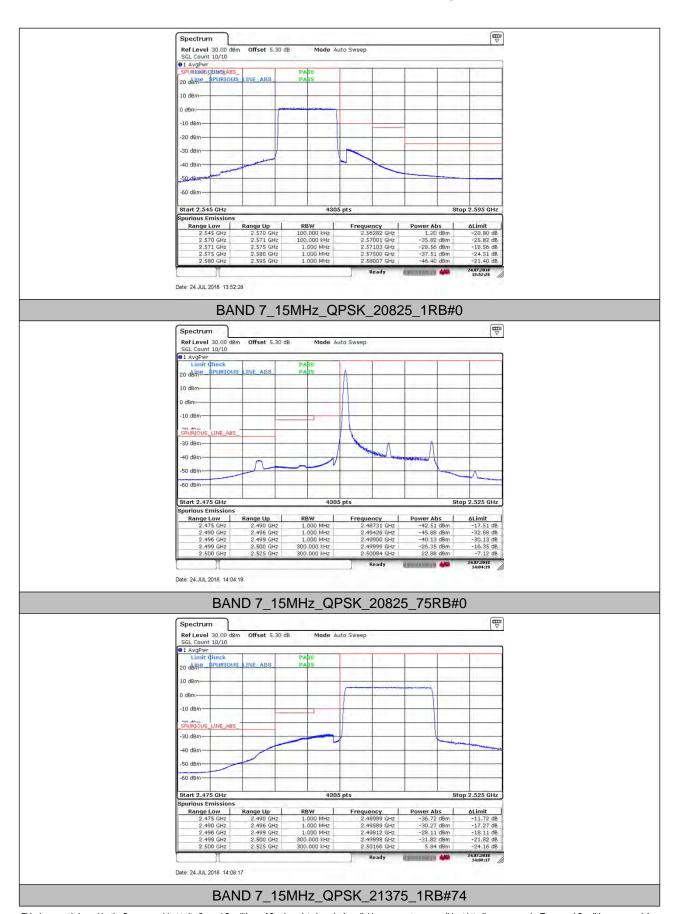
Page: 39 of 69





Report No.: SZEM180700654901

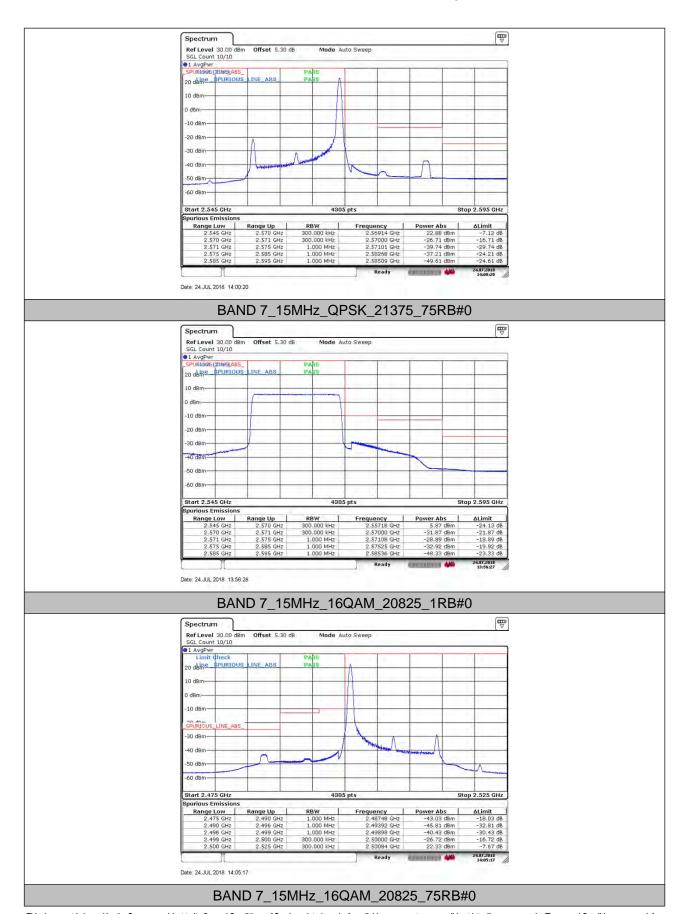
Page: 40 of 69





Report No.: SZEM180700654901

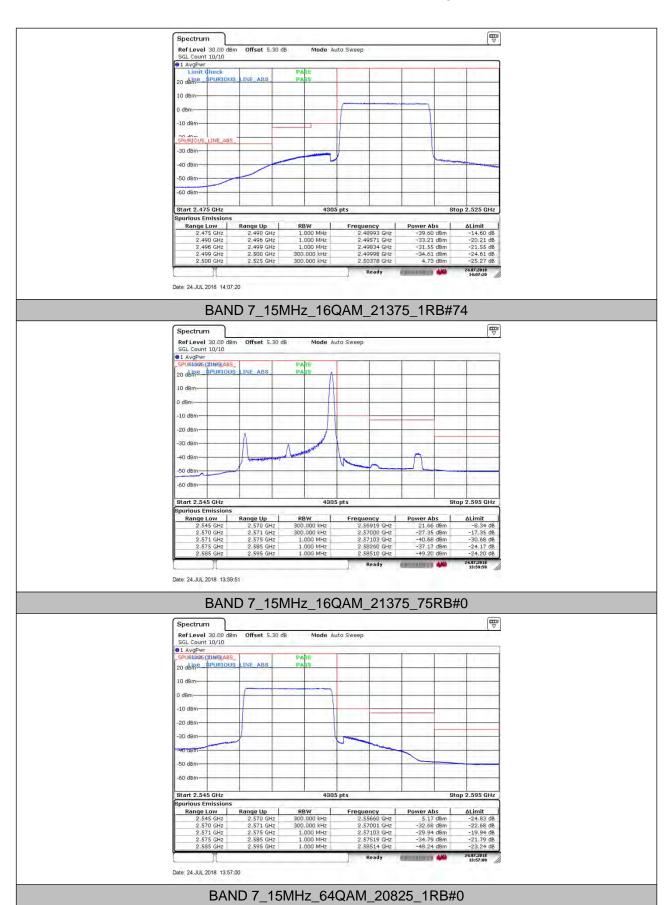
Page: 41 of 69





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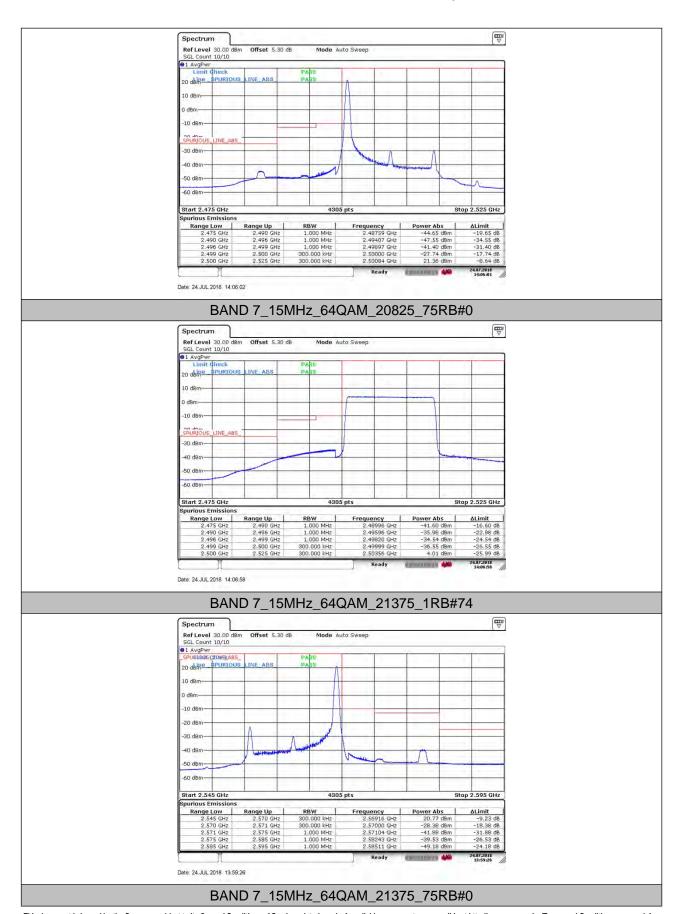
Page: 42 of 69





Report No.: SZEM180700654901

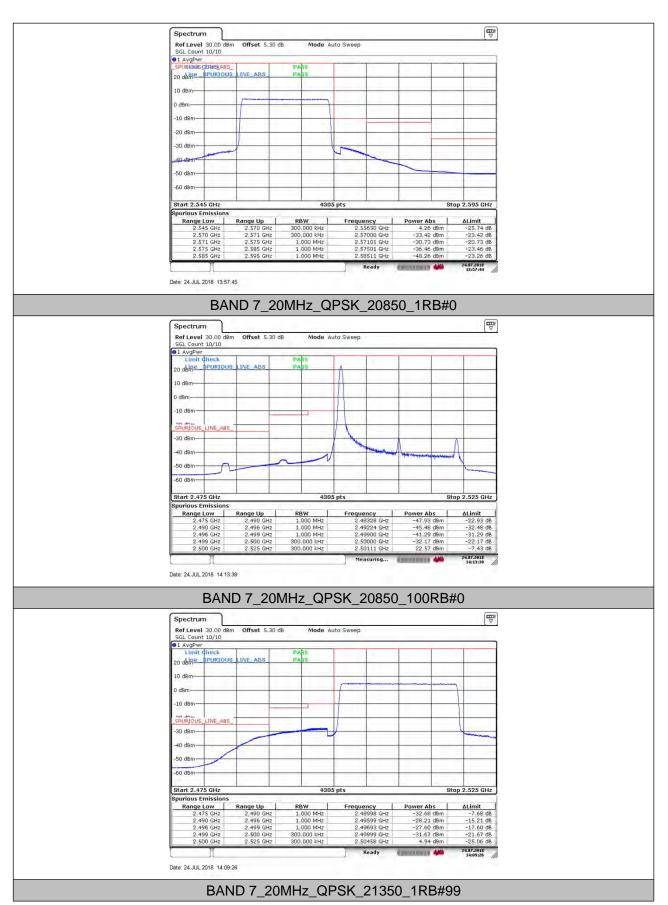
Page: 43 of 69





Report No.: SZEM180700654901

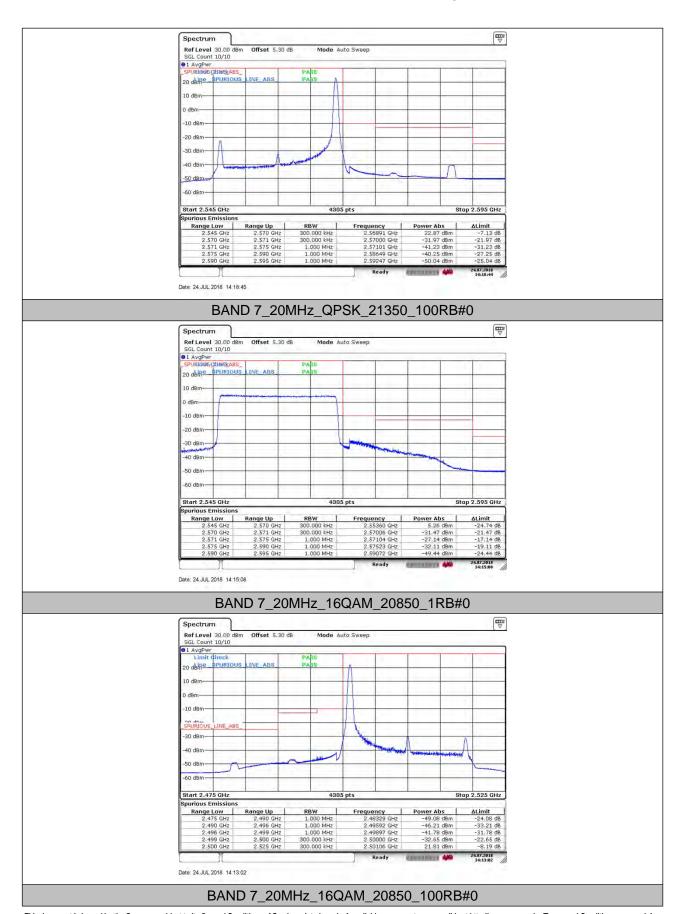
Page: 44 of 69





Report No.: SZEM180700654901

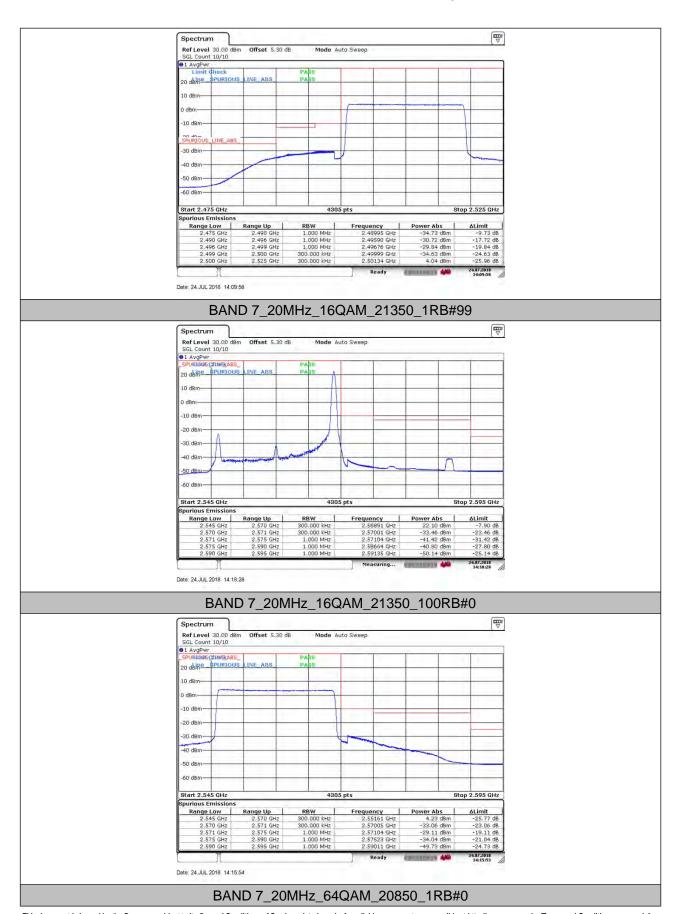
Page: 45 of 69





Report No.: SZEM180700654901

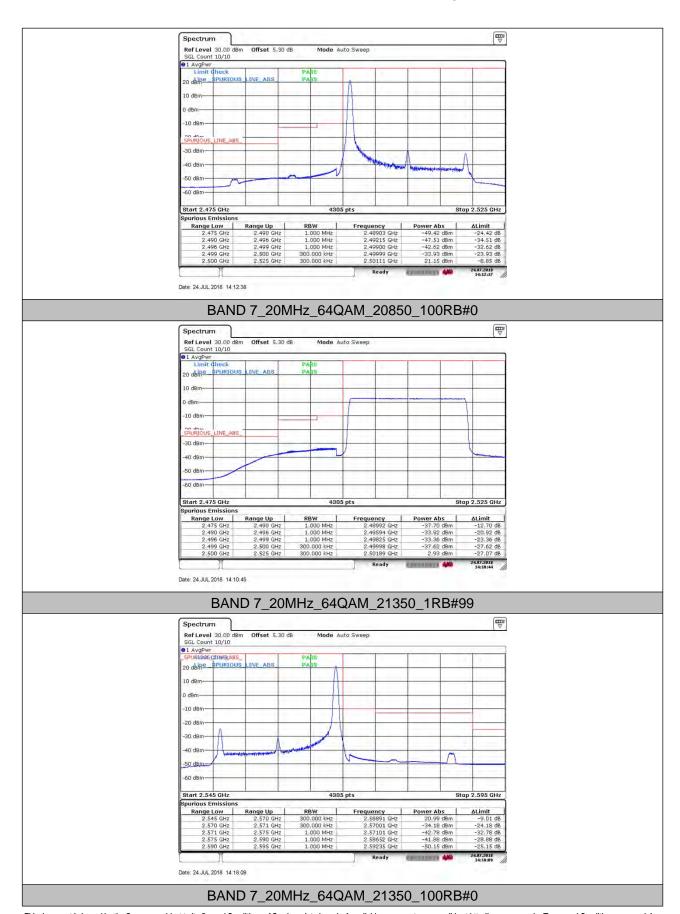
Page: 46 of 69





Report No.: SZEM180700654901

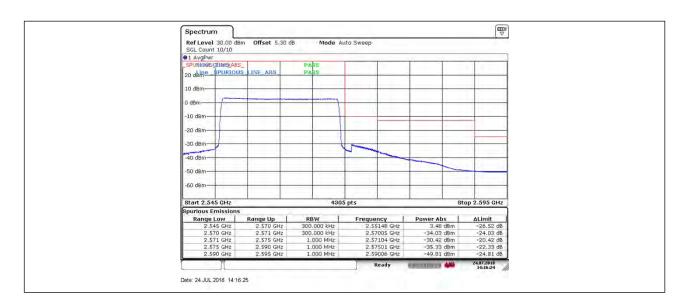
Page: 47 of 69





Report No.: SZEM180700654901

Page: 48 of 69





Report No.: SZEM180700654901

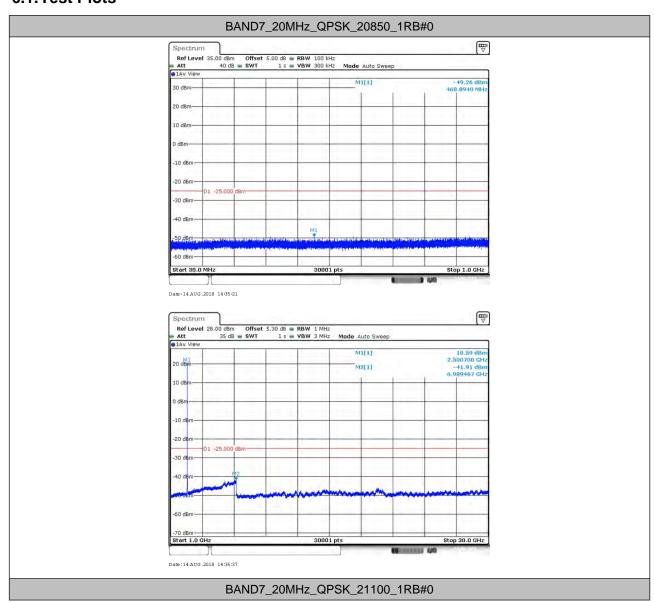
Page: 49 of 69

6. Spurious Emission at Antenna Terminal

NOTE1: 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.

NOTE2: only the worst case data displayed in this report.

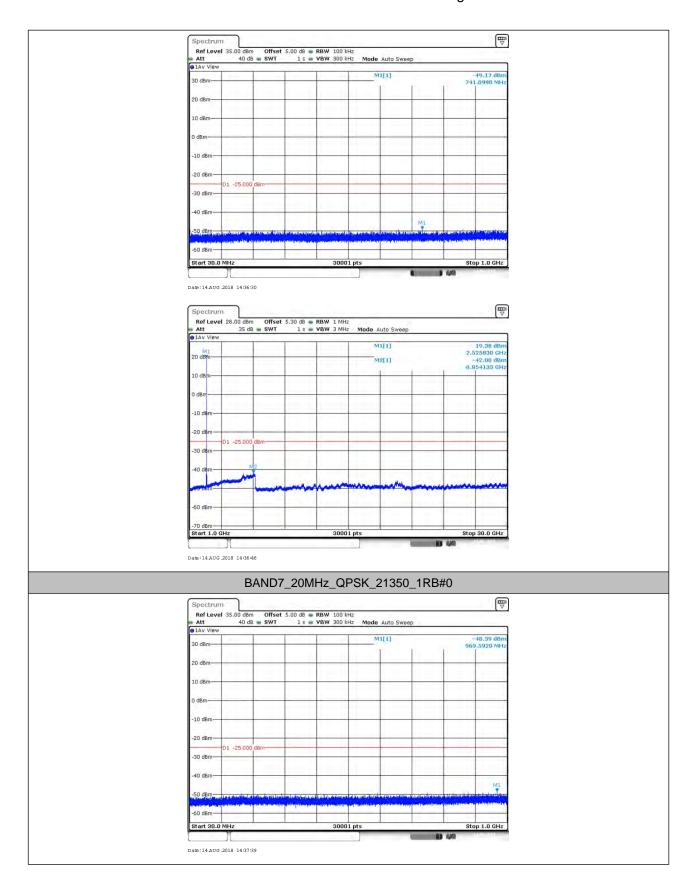
6.1. Test Plots





Report No.: SZEM180700654901

Page: 50 of 69





Report No.: SZEM180700654901

Page: 51 of 69

