



Appendix B

E-UTRA Band 4



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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	14
3.1.	TEST BAND = LTE BAND 4	14
3.2.	TEST MODE = LTE /TM1 20MHZ.....	14
3.2.1.	TEST CHANNEL = MCH.....	14
3.3.	TEST MODE = LTE /TM2 20MHZ.....	15
3.3.1.	TEST CHANNEL = MCH.....	15
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	16
4.1.	TEST RESULT	16
4.2.	TEST PLOTS.....	17
5.	BAND EDGE COMPLIANCE	35
5.1.	TEST PLOTS.....	35
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	59
6.1.	TEST PLOTS.....	59
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	65
7.1.	TEST BAND = LTE BAND 4	65
7.1.1.	TEST MODE =LTE/TM1 20MHZ.....	65
7.1.1.1.	TEST CHANNEL = LCH	65
7.1.1.2.	TEST CHANNEL = MCH.....	65
7.1.1.3.	TEST CHANNEL = HCH	66
8.	FREQUENCY STABILITY	67
8.1.	FREQUENCY VS VOLTAGE	67
8.2.	FREQUENCY VS TEMPERATURE	67



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.50	21.3	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.58	21.38	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.29	21.09	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.47	21.27	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.40	21.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.35	21.15	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.40	20.2	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.32	21.12	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.29	21.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.27	21.07	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.32	21.12	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.46	21.26	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.48	21.28	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.42	20.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.94	20.74	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.02	20.82	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.85	20.65	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.07	20.87	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.98	20.78	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.98	20.78	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.18	19.98	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.04	19.84	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.26	20.06	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.01	19.81	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.51	20.31	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.55	20.35	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.53	20.33	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.46	19.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.09	19.89	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.06	19.86	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.87	19.67	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.46	20.26	30.00	PASS



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Band4	1.4MHz	16QAM	20175	3RB#1	21.46	20.26	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.70	20.5	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.43	19.23	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.41	19.21	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.54	19.34	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.51	19.31	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.99	19.79	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.00	19.8	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.43	20.23	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.09	18.89	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.26	21.06	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.95	20.75	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.90	20.7	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.32	20.12	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.07	19.87	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.00	19.8	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.19	19.99	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.15	20.95	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.94	20.74	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.13	20.93	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.00	19.8	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.20	20	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.23	20.03	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.09	19.89	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.76	20.56	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.51	20.31	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.70	20.5	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.96	19.76	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.76	19.56	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.68	19.48	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.81	19.61	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	20.77	19.57	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.72	19.52	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.75	19.55	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.56	19.36	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.06	18.86	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.37	19.17	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.19	18.99	30.00	PASS



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Band4	3MHz	16QAM	20175	1RB#0	20.86	19.66	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.71	19.51	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.59	19.39	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.02	18.82	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	19.95	18.75	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.06	18.86	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.14	18.94	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.36	19.16	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.59	19.39	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.60	19.4	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.76	18.56	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.78	18.58	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.85	18.65	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.91	18.71	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.00	20.8	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.72	20.52	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.77	20.57	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.16	19.96	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.83	19.63	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.88	19.68	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.00	19.8	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.87	20.67	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.18	20.98	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.17	20.97	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	20.94	19.74	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.24	20.04	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.21	20.01	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.98	19.78	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.99	20.79	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.56	20.36	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.96	20.76	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	20.94	19.74	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.67	19.47	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.87	19.67	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.82	19.62	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.73	19.53	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.97	19.77	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.69	19.49	30.00	PASS



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Band4	5MHz	16QAM	19975	12RB#0	19.98	18.78	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.07	18.87	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.81	18.61	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.17	18.97	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.77	19.57	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.06	19.86	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.65	19.45	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.14	18.94	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.05	18.85	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.09	18.89	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.13	18.93	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.39	19.19	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.81	19.61	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.66	19.46	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.89	18.69	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	19.79	18.59	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.80	18.6	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.90	18.7	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.00	20.8	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.90	20.7	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.78	20.58	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.03	19.83	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.87	19.67	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.87	19.67	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.07	19.87	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.78	20.58	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.48	21.28	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.10	20.9	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	20.88	19.68	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.25	20.05	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.03	19.83	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.88	19.68	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.12	20.92	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.66	20.46	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.33	20.13	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.20	20	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	20.61	19.41	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.55	19.35	30.00	PASS



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Band4	10MHz	QPSK	20350	50RB#0	20.93	19.73	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.83	19.63	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.85	19.65	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.43	19.23	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.10	18.9	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.06	18.86	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.13	18.93	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.16	18.96	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.61	19.41	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.74	19.54	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.54	19.34	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.17	18.97	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.11	18.91	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	19.96	18.76	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.15	18.95	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.60	19.4	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.53	19.33	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.57	19.37	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	19.90	18.7	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.86	18.66	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	19.74	18.54	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.91	18.71	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.95	20.75	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.52	20.32	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.93	20.73	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	20.86	19.66	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	20.81	19.61	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	20.87	19.67	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.93	19.73	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.59	20.39	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.35	21.15	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.86	20.66	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	20.75	19.55	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.17	19.97	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	20.98	19.78	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.83	19.63	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.12	20.92	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.38	20.18	30.00	PASS



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Band4	15MHz	QPSK	20325	1RB#74	21.15	19.95	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.17	19.97	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	20.54	19.34	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	20.64	19.44	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.95	19.75	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.72	19.52	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.65	19.45	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.63	19.43	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	19.96	18.76	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	19.90	18.7	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	19.96	18.76	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.00	18.8	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.47	19.27	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.41	19.21	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.51	19.31	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.12	18.92	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	19.98	18.78	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	19.94	18.74	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.91	18.71	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.64	19.44	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.50	19.3	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.48	19.28	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	19.77	18.57	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	19.94	18.74	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	19.78	18.58	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.85	18.65	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.89	20.69	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.66	20.46	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.33	21.13	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.65	19.45	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.93	19.73	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.02	19.82	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.79	19.59	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.37	20.17	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.96	21.76	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.74	20.54	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.82	19.62	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.48	20.28	30.00	PASS



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Band4	20MHz	QPSK	20175	50RB#50	21.01	19.81	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.70	19.5	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.03	20.83	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.60	20.4	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	20.70	19.5	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.27	20.07	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.54	19.34	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.21	19.01	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.97	19.77	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.65	19.45	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.61	19.41	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.58	19.38	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.85	18.65	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.99	18.79	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.89	18.69	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.77	18.57	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.56	19.36	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.70	19.5	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.44	19.24	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	19.90	18.7	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.07	18.87	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.97	18.77	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.96	18.76	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.58	19.38	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.50	19.3	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.43	19.23	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.95	18.75	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.73	18.53	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.83	18.63	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.95	18.75	30.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



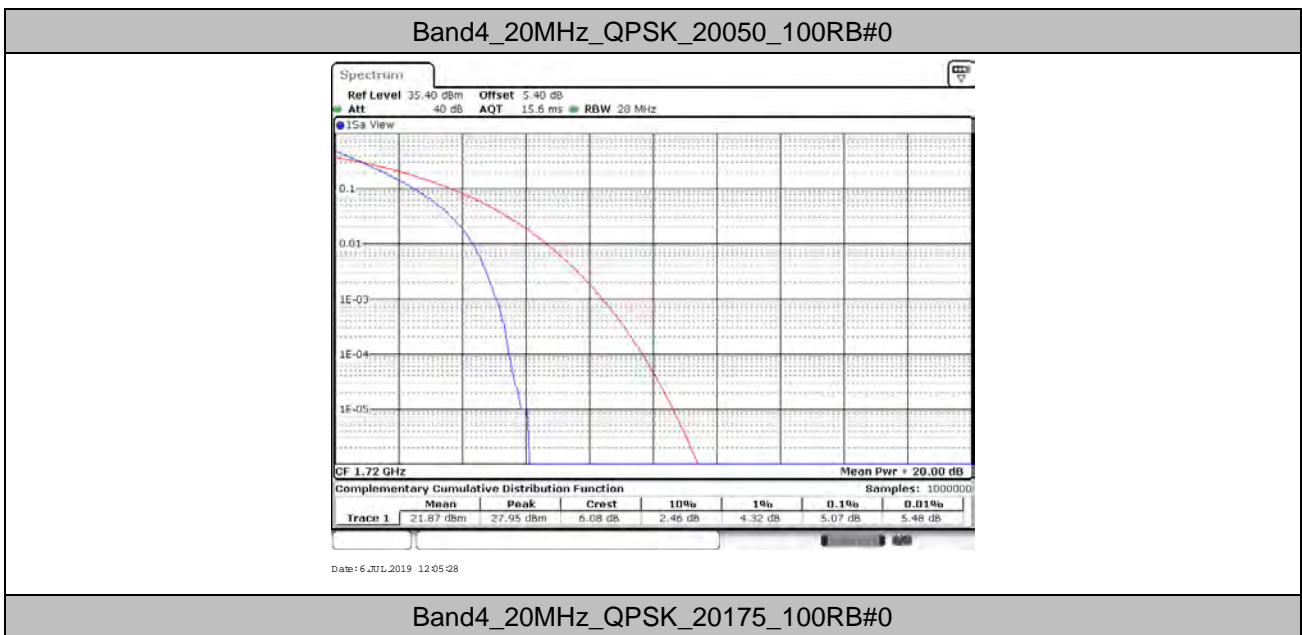
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2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.07	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.10	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.87	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.88	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.77	13	PASS

2.2. Test Plots

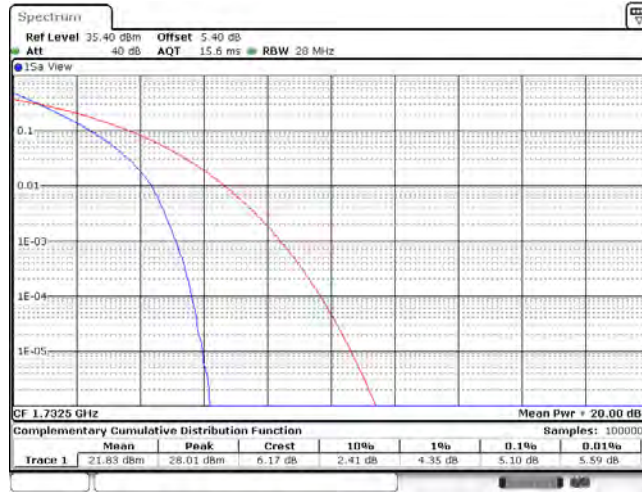


Band4_20MHz_QPSK_20175_100RB#0



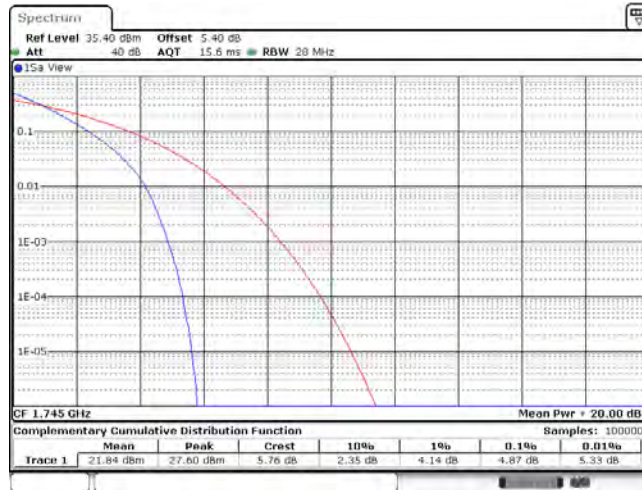
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Date: 6 JUL 2019 12:05:57

Band4_20MHz_QPSK_20300_100RB#0



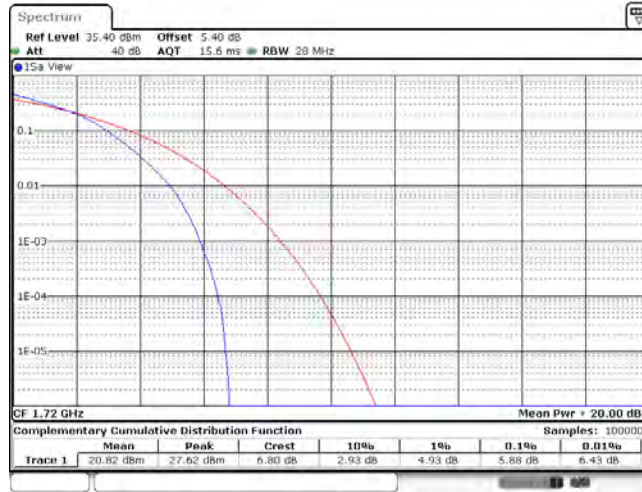
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Band4_20MHz_16QAM_20050_100RB#0



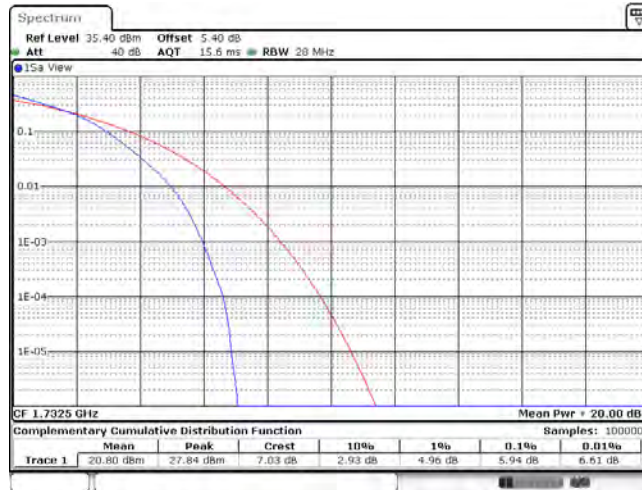
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Date: 6 JUL 2019 12:05:42

Band4_20MHz_16QAM_20175_100RB#0

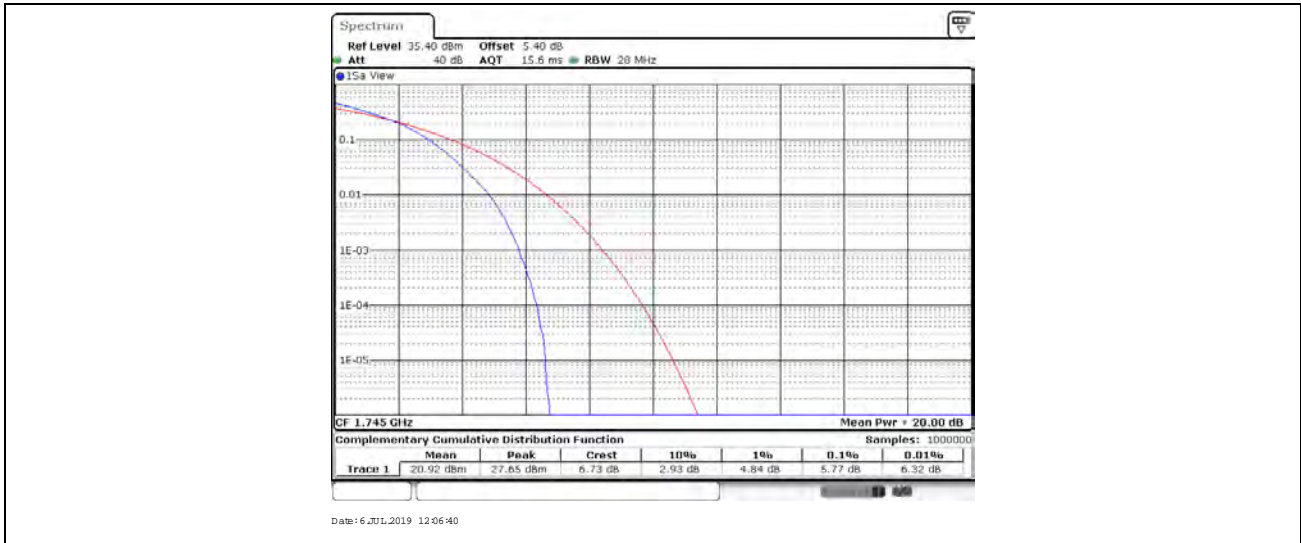


Date: 6 JUL 2019 12:06:11

Band4_20MHz_16QAM_20300_100RB#0



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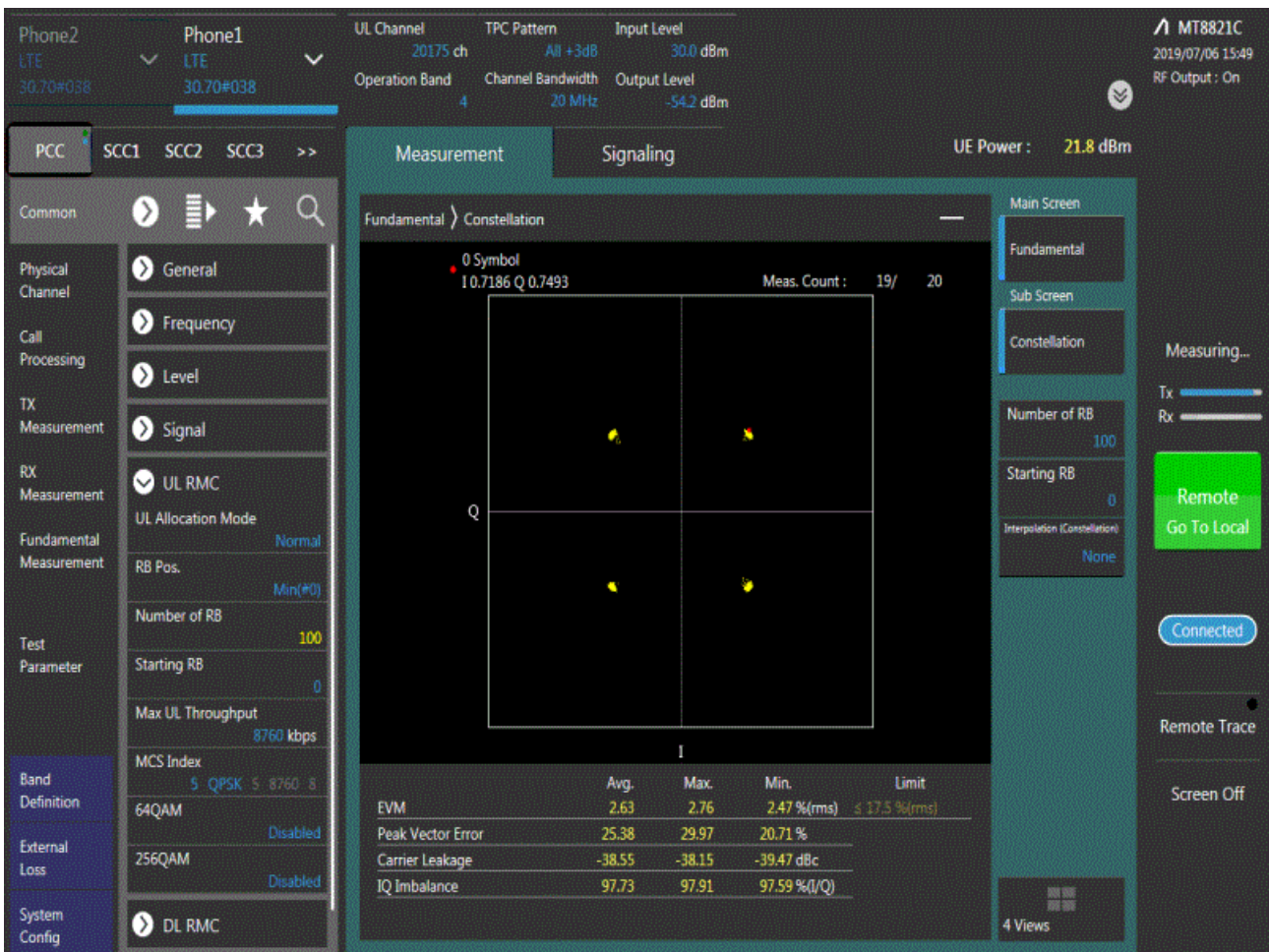
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3. Modulation Characteristics

3.1. Test BAND = LTE Band 4

3.2. Test Mode = LTE /TM1 20MHz

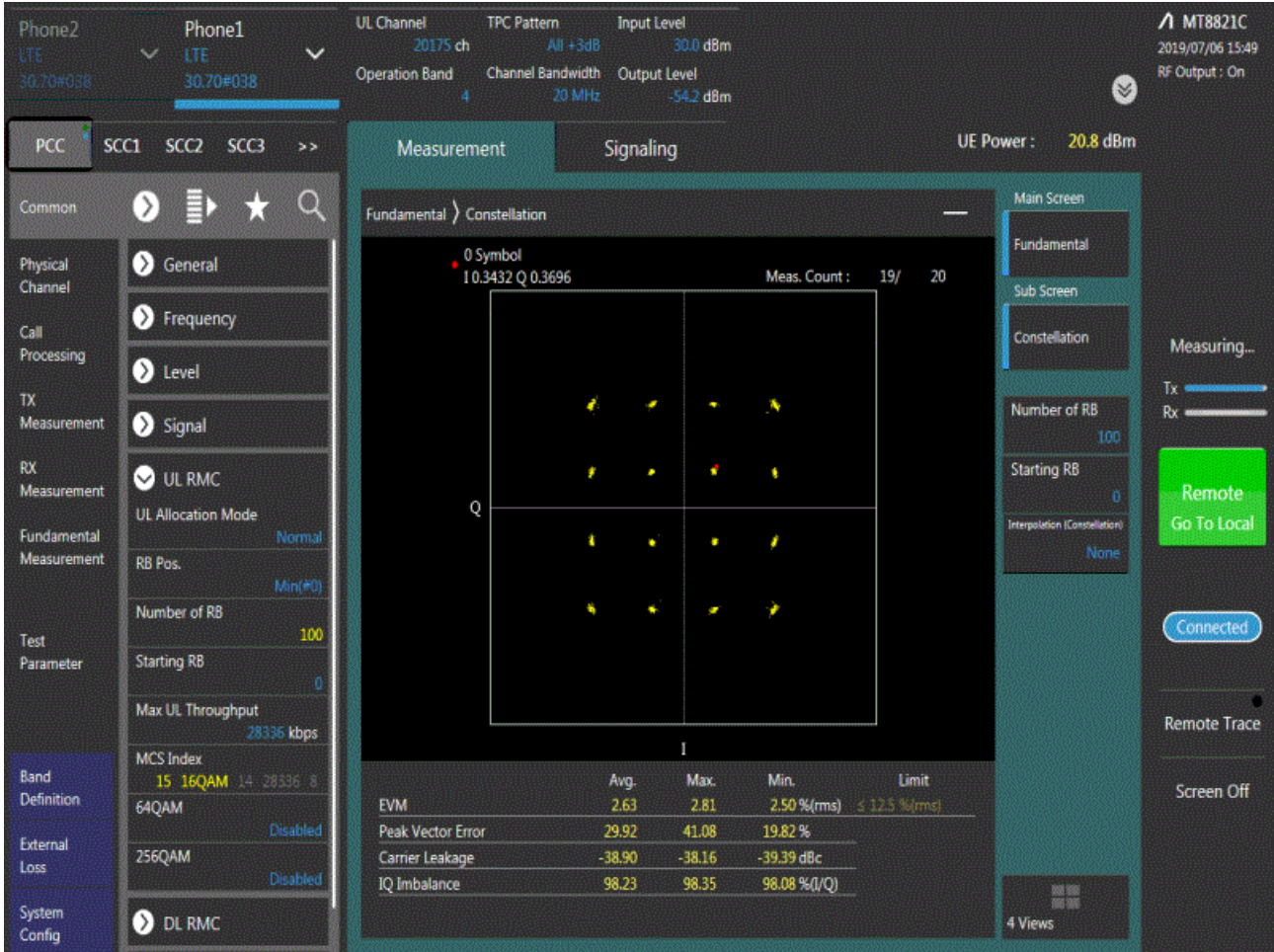
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM2 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.094	1.311	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.097	1.293	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.296	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.284	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.091	1.299	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.284	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.000	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	2.988	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.703	2.994	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.964	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.976	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.940	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.466	4.900	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.950	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.980	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.496	4.970	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.720	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.911	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.911	9.700	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.700	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.740	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.760	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.397	14.760	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.427	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	14.700	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.397	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.822	19.480	PASS



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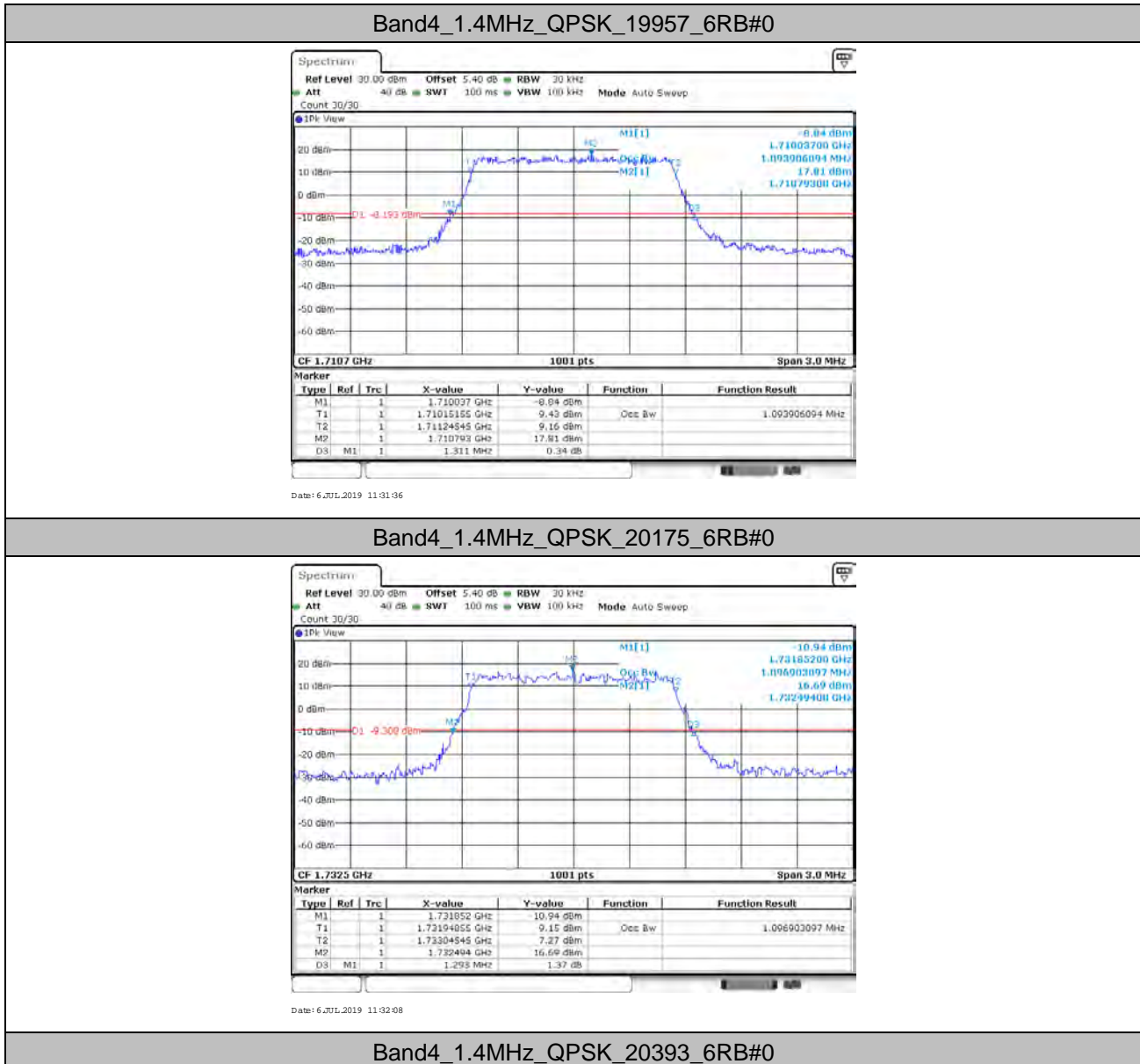
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

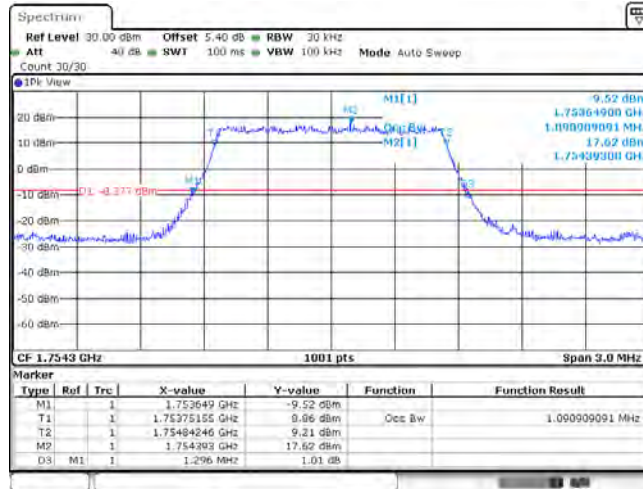


Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.782	19.320	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.862	19.360	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.822	19.480	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.822	19.320	PASS

4.2. Test Plots

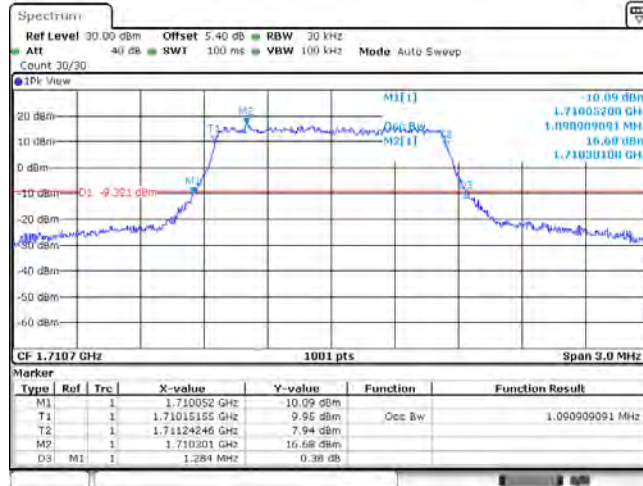


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Date: 6 JUL 2019 11:32:40

Band4_1.4MHz_16QAM_19957_6RB#0

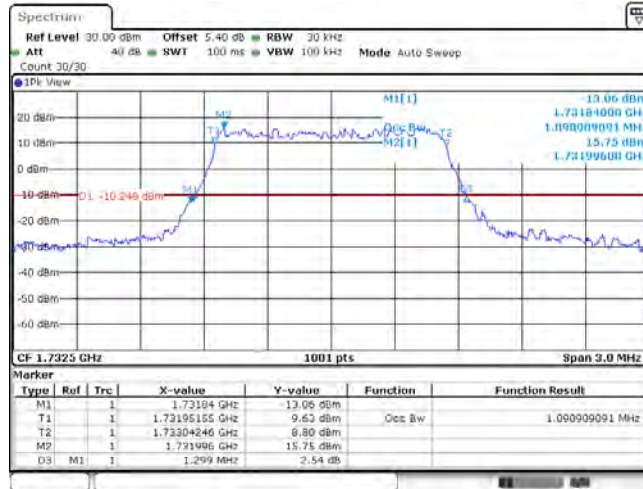


Date: 6 JUL 2019 11:31:52

Band4_1.4MHz_16QAM_20175_6RB#0

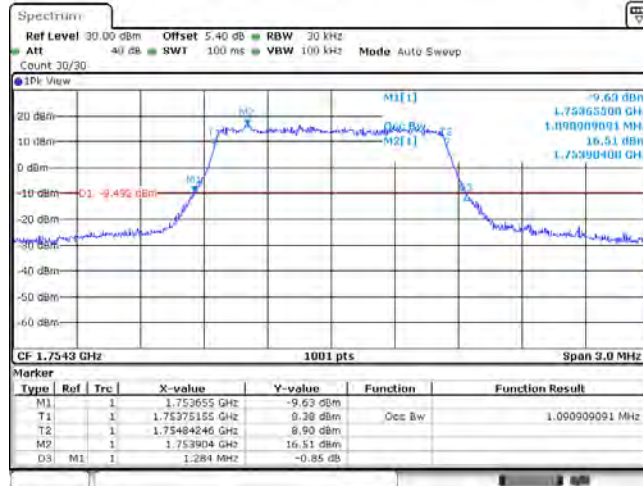


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Date: 6 JUL 2019 11:32:24

Band4_1.4MHz_16QAM_20393_6RB#0

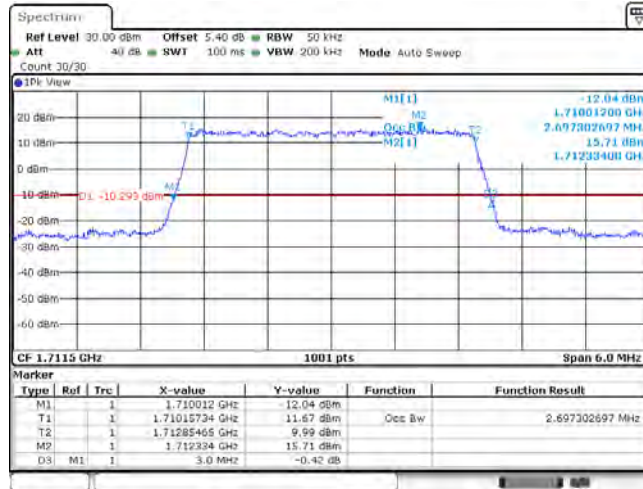


Date: 6 JUL 2019 11:32:56

Band4_3MHz_QPSK_19965_15RB#0

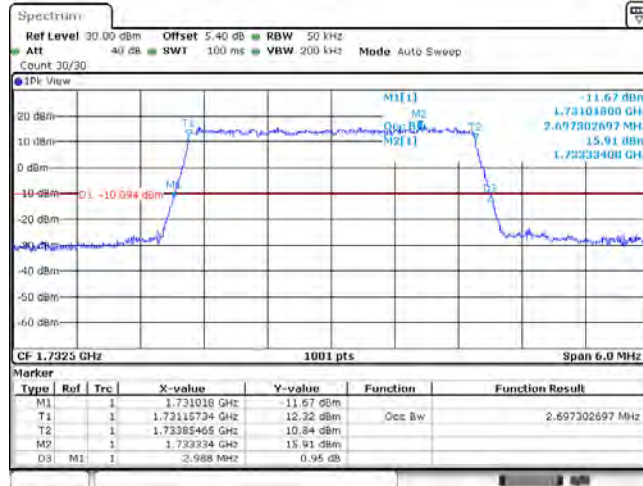


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Date: 6 JUL 2019 11:33:47

Band4_3MHz_QPSK_20175_15RB#0

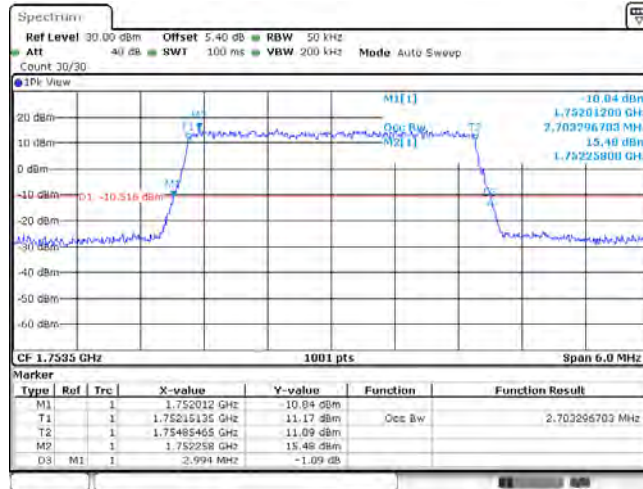


Date: 6 JUL 2019 11:33:48

Band4_3MHz_QPSK_20385_15RB#0

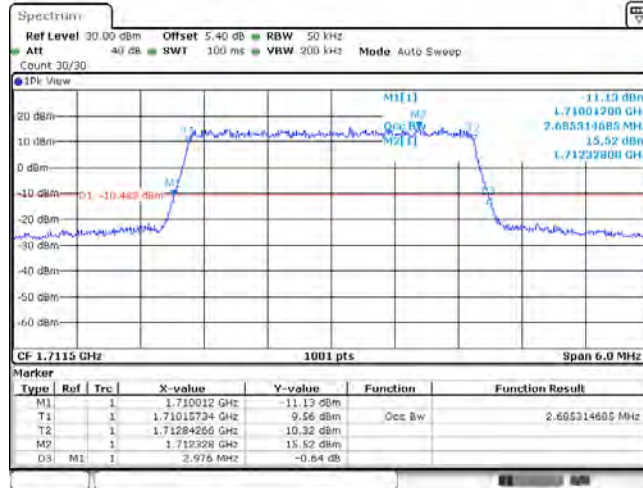


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Date: 6 JUL 2019 11:34:20

Band4_3MHz_16QAM_19965_15RB#0

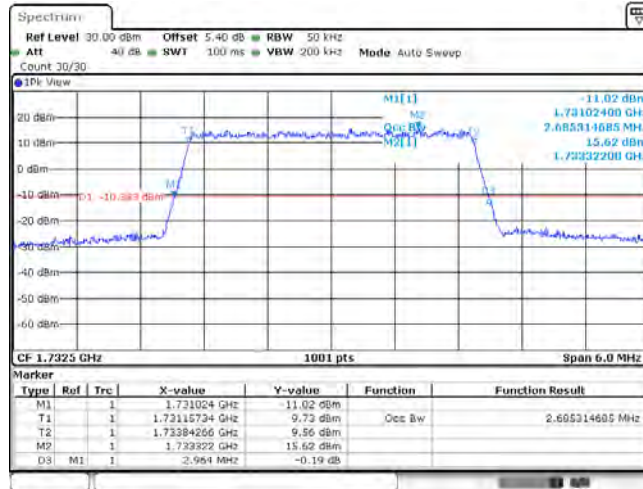


Date: 6 JUL 2019 11:33:32

Band4_3MHz_16QAM_20175_15RB#0

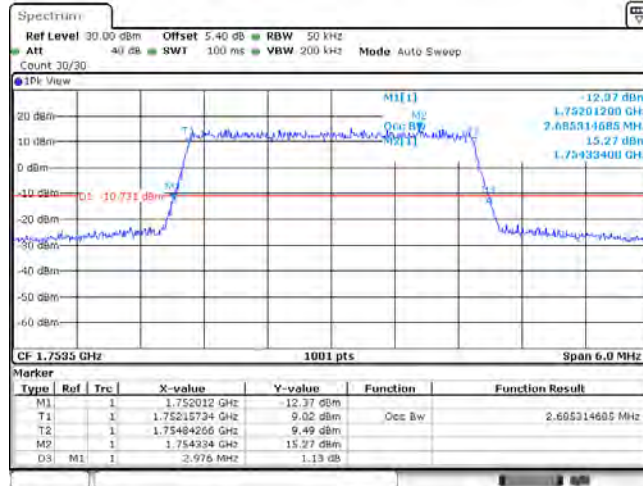


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Date: 6 JUL 2019 11:34:04

Band4_3MHz_16QAM_20385_15RB#0

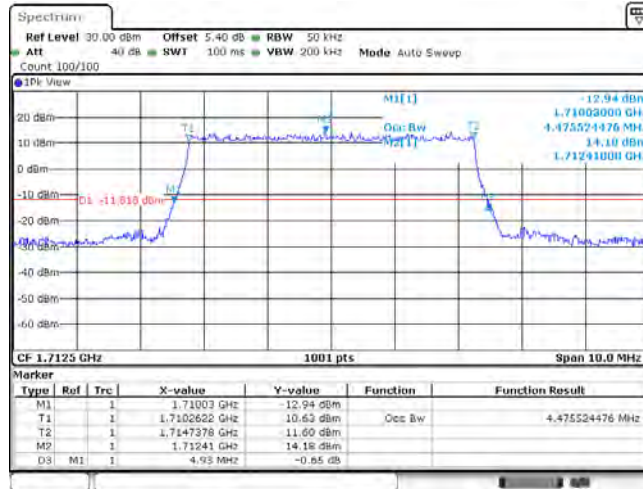


Date: 6 JUL 2019 11:34:36

Band4_5MHz_QPSK_19975_25RB#0

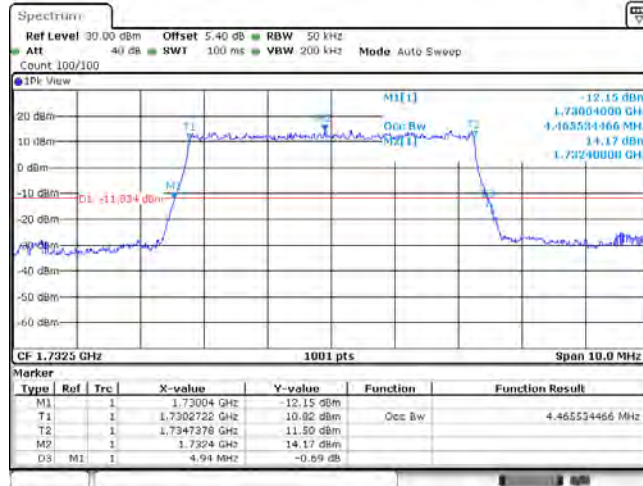


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Date: 6 JUL 2019 11:35:03

Band4_5MHz_QPSK_20175_25RB#0

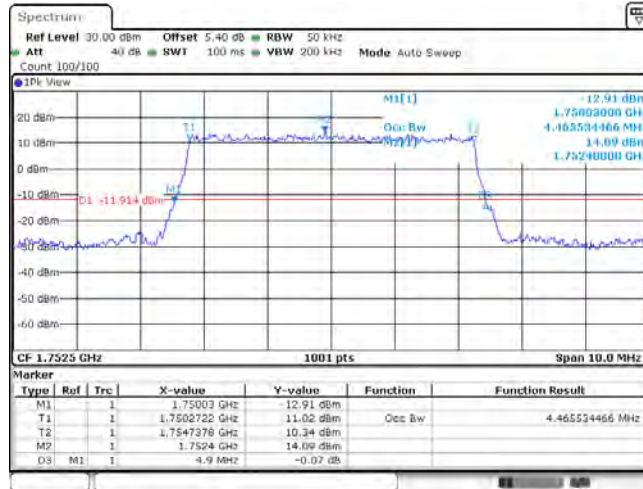


Date: 6 JUL 2019 11:35:49

Band4_5MHz_QPSK_20375_25RB#0

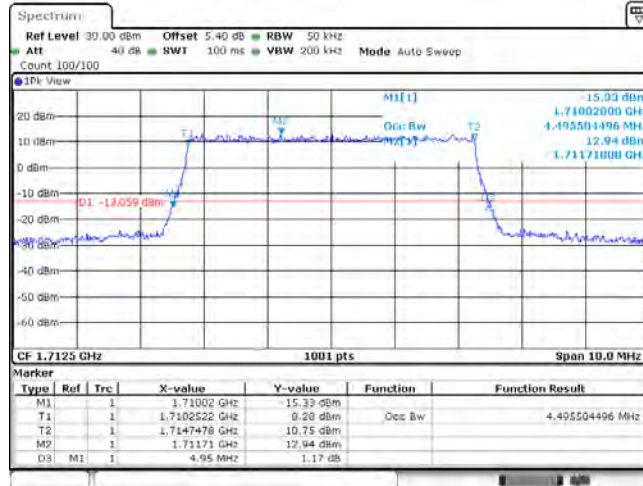


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Date: 6 JUL 2019 11:36:35

Band4_5MHz_16QAM_19975_25RB#0

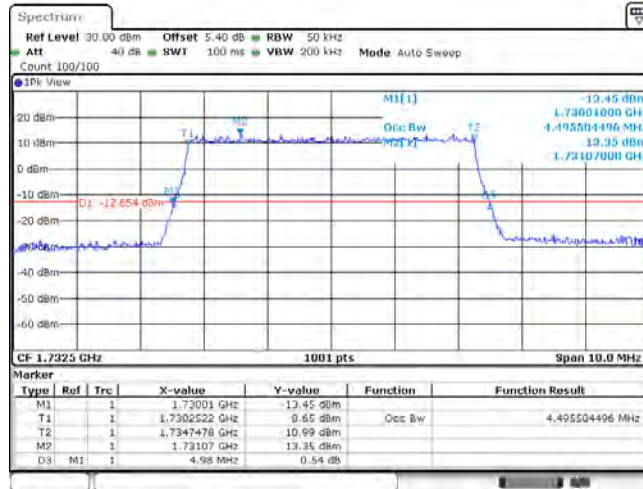


Date: 6 JUL 2019 11:35:26

Band4_5MHz_16QAM_20175_25RB#0

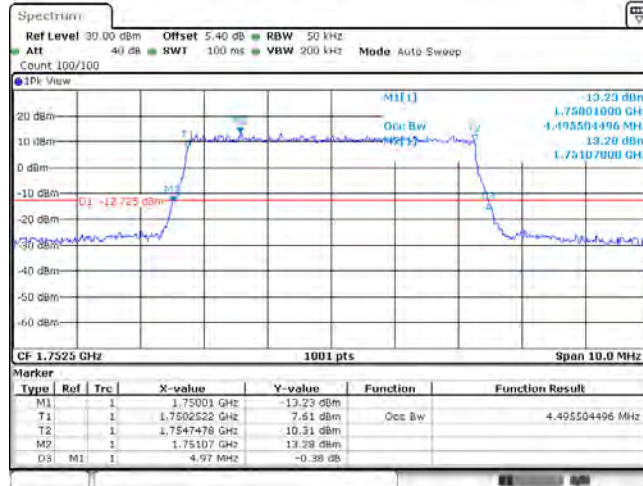


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Date: 6 JUL 2019 11:36:12

Band4_5MHz_16QAM_20375_25RB#0



Date: 6 JUL 2019 11:36:58

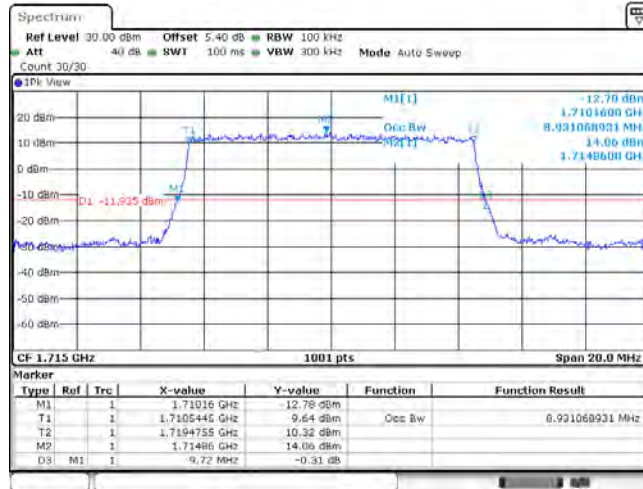
Band4_10MHz_QPSK_20000_50RB#0



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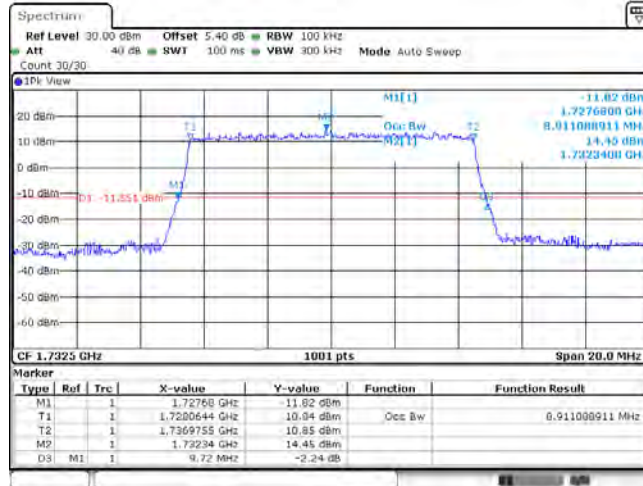
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Date: 6 JUL 2019 11:37:48

Band4_10MHz_QPSK_20175_50RB#0

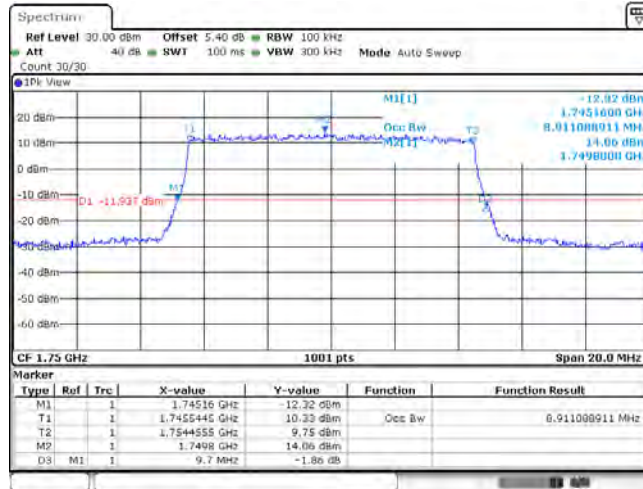


Date: 6 JUL 2019 11:37:50

Band4_10MHz_QPSK_20350_50RB#0

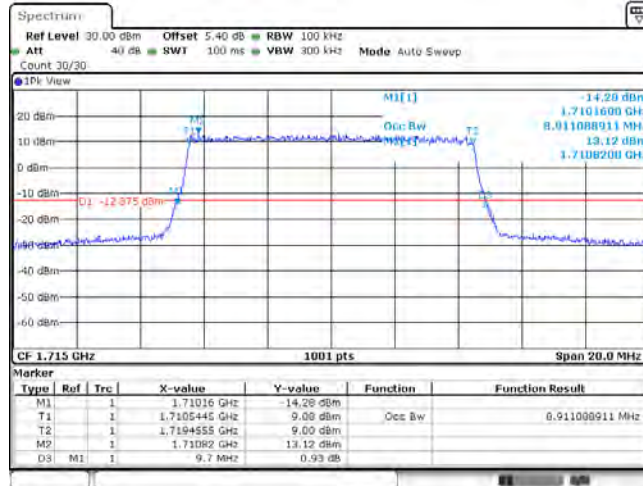


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Date: 6 JUL 2019 11:38:22

Band4_10MHz_16QAM_20000_50RB#0

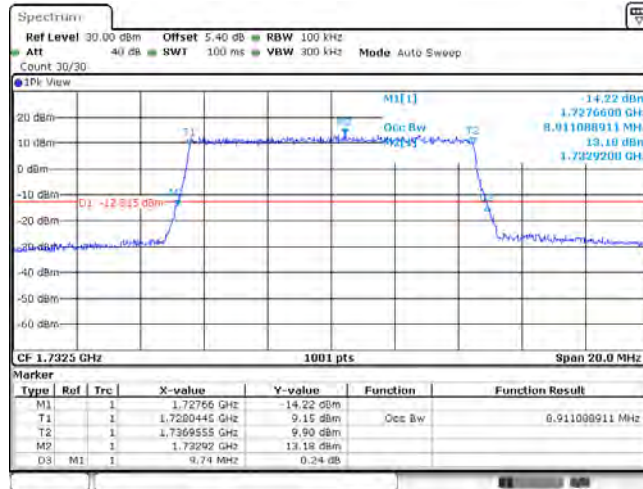


Date: 6 JUL 2019 11:37:34

Band4_10MHz_16QAM_20175_50RB#0

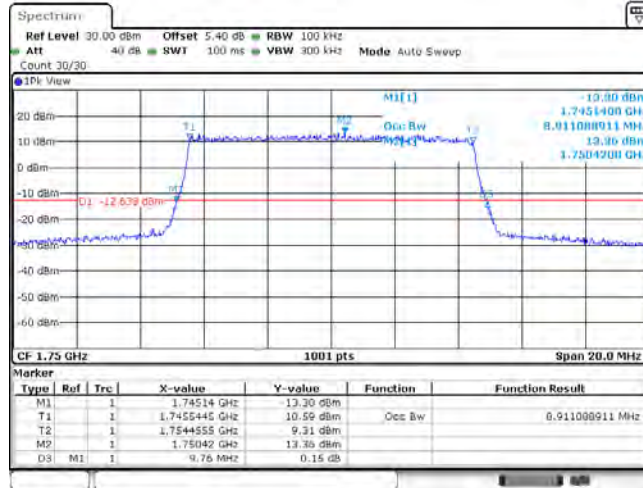


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Date: 6 JUL 2019 11:38:06

Band4_10MHz_16QAM_20350_50RB#0

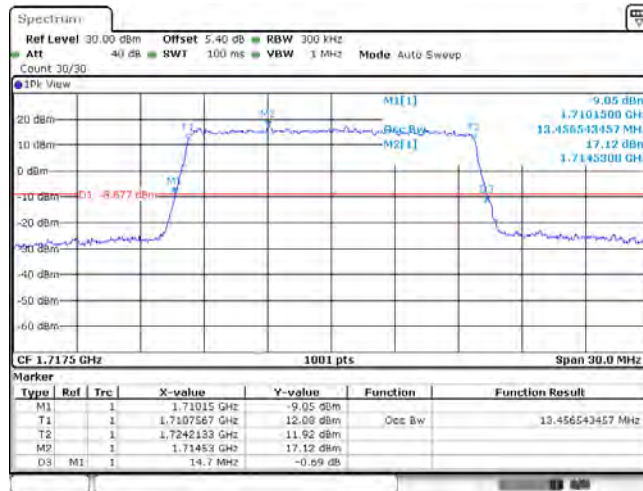


Date: 6 JUL 2019 11:38:38

Band4_15MHz_QPSK_2025_75RB#0

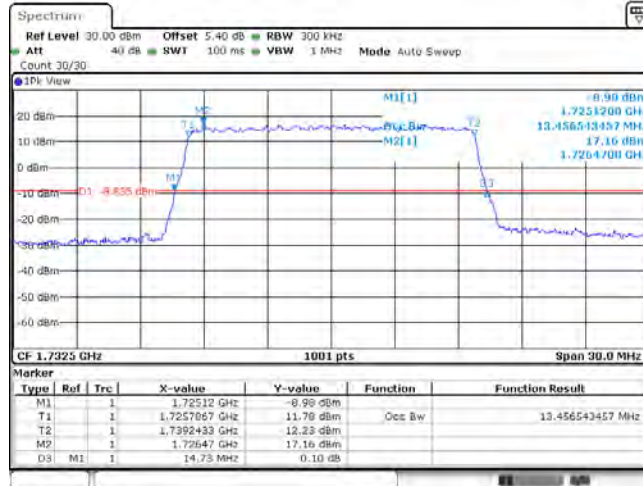


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Date: 6 JUL 2019 11:38:58

Band4_15MHz_QPSK_20175_75RB#0

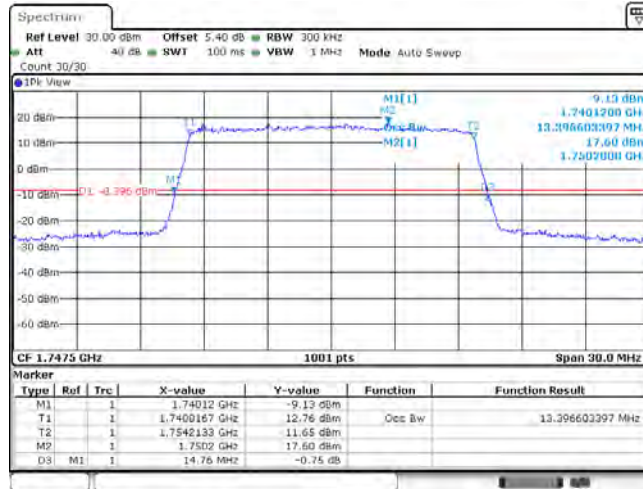


Date: 6 JUL 2019 11:39:30

Band4_15MHz_QPSK_20325_75RB#0

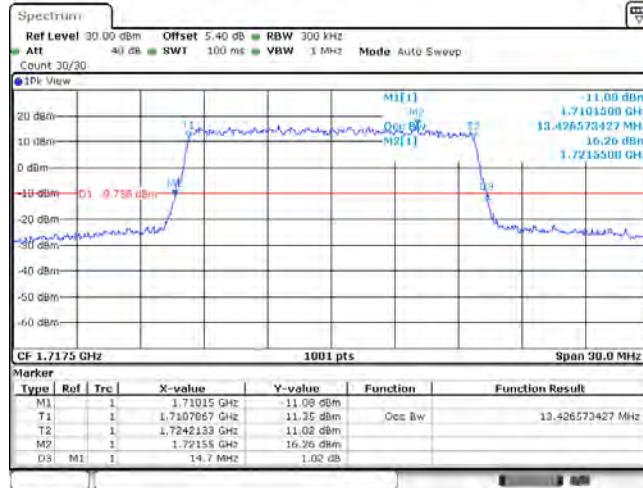


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Date: 6 JUL 2019 11:40:42

Band4_15MHz_16QAM_2025_75RB#0

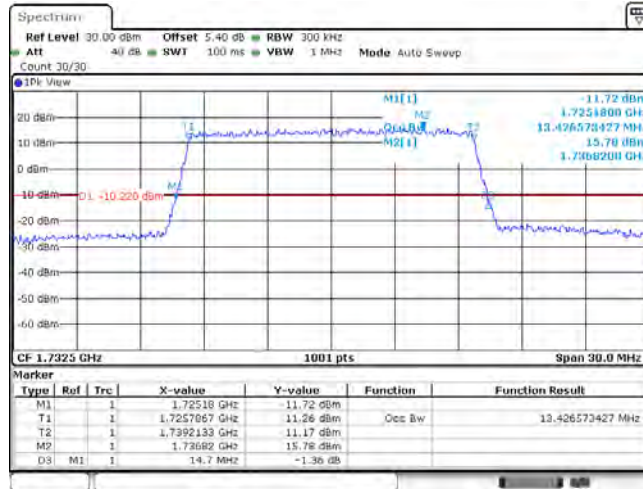


Date: 6 JUL 2019 11:39:44

Band4_15MHz_16QAM_20175_75RB#0

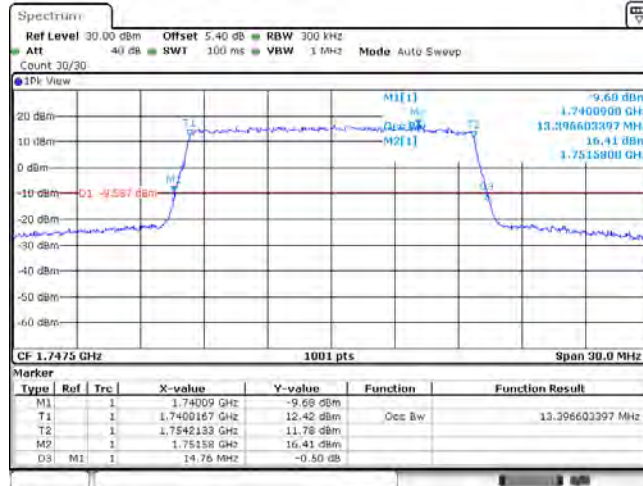


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Date: 6 JUL 2019 11:39:46

Band4_15MHz_16QAM_20325_75RB#0

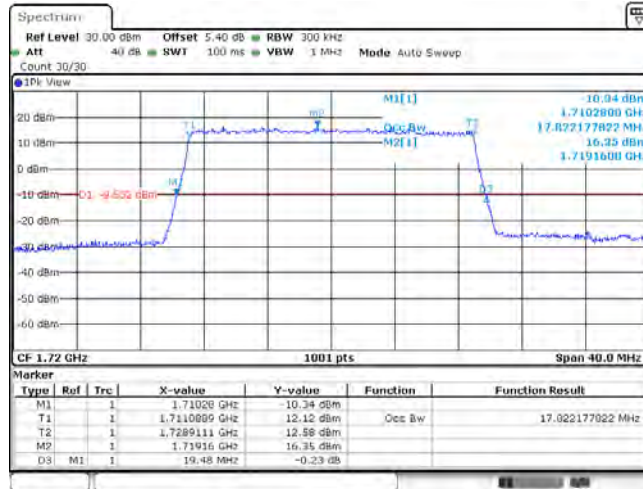


Date: 6 JUL 2019 11:40:18

Band4_20MHz_QPSK_20050_100RB#0

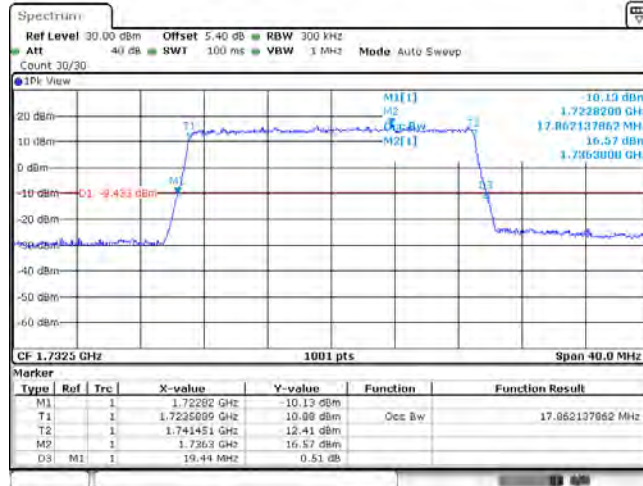


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Date: 6 JUL 2019 11:40:38

Band4_20MHz_QPSK_20175_100RB#0

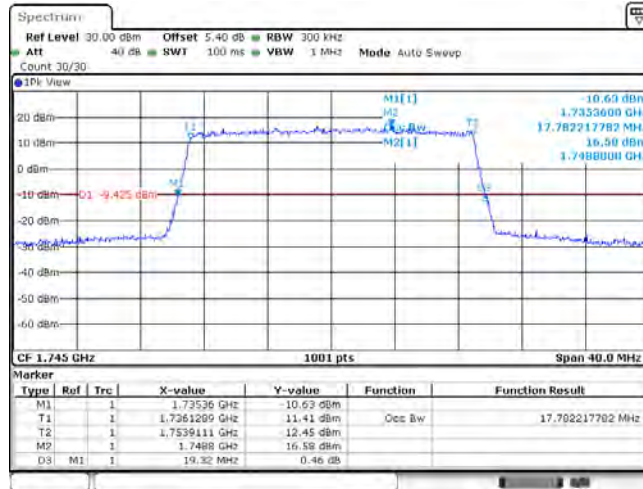


Date: 6 JUL 2019 11:41:10

Band4_20MHz_QPSK_20300_100RB#0

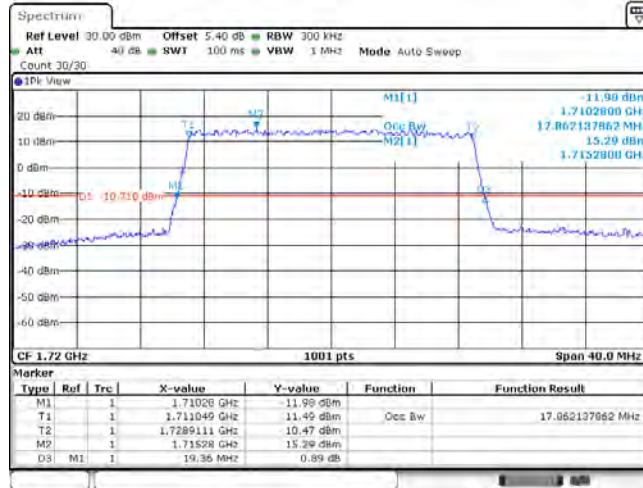


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Date: 6 JUL 2019 11:41:42

Band4_20MHz_16QAM_20050_100RB#0

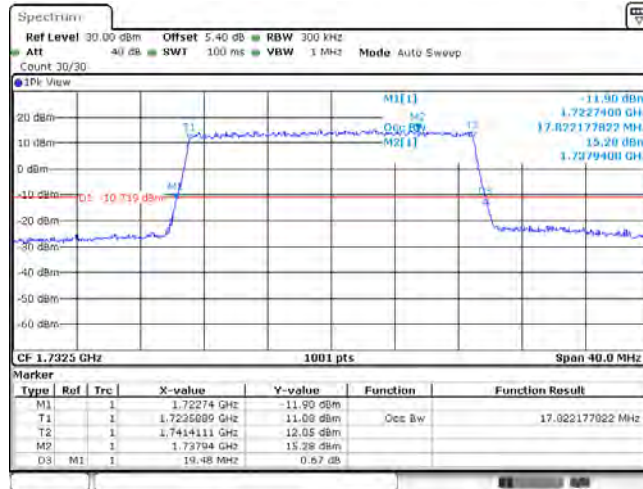


Date: 6 JUL 2019 11:40:54

Band4_20MHz_16QAM_20175_100RB#0

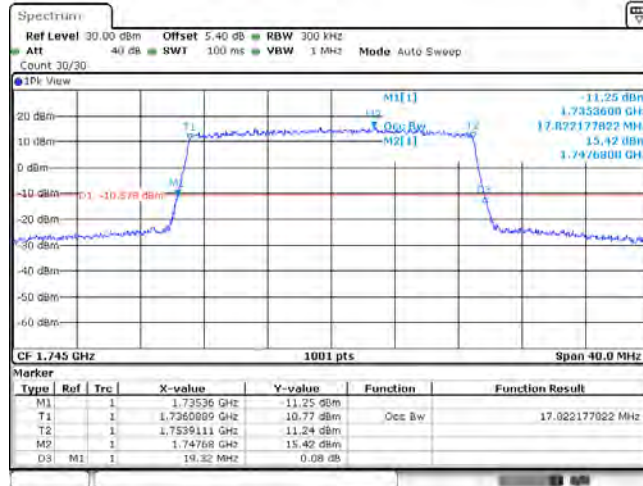


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Date: 6 JUL 2019 11:41:26

Band4_20MHz_16QAM_20300_100RB#0



Date: 6 JUL 2019 11:41:58

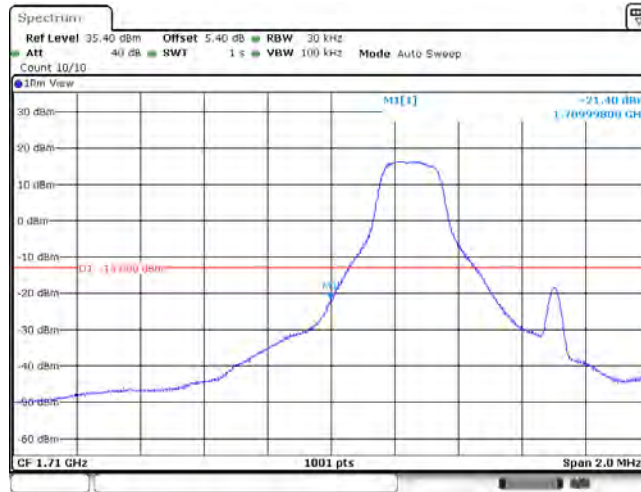


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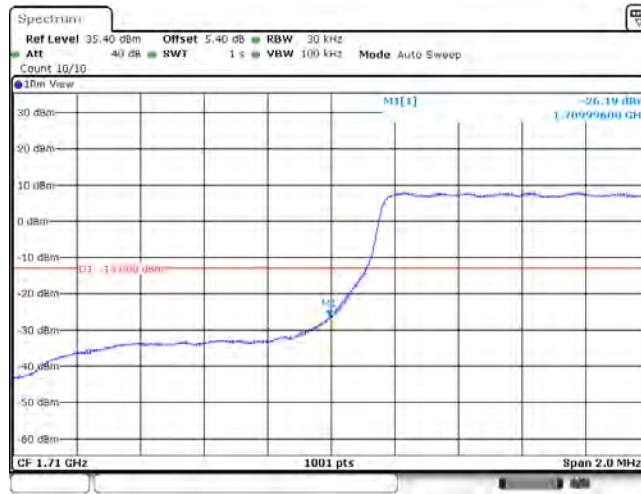
5. Band Edge Compliance

5.1. Test Plots

Band4_1.4MHz_QPSK_19957_1RB#0



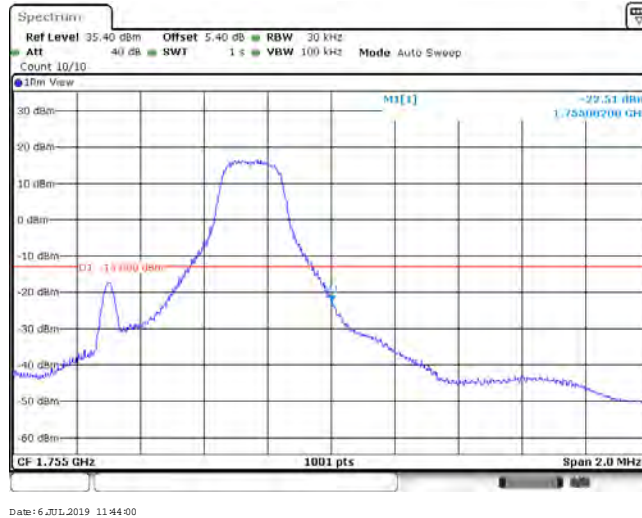
Band4_1.4MHz_QPSK_19957_6RB#0



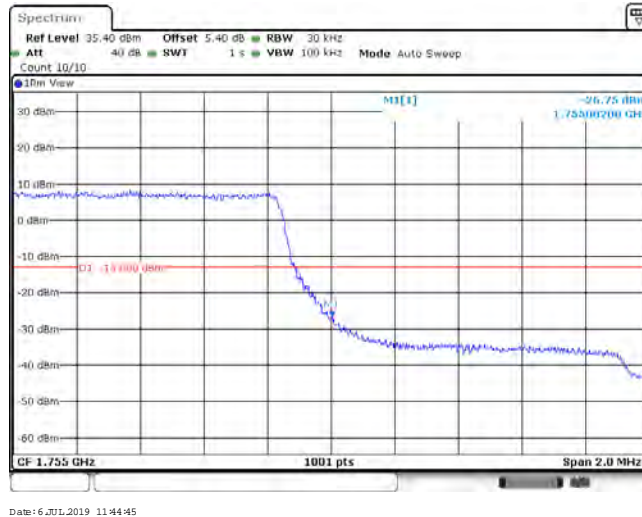
Band4_1.4MHz_QPSK_20393_1RB#5



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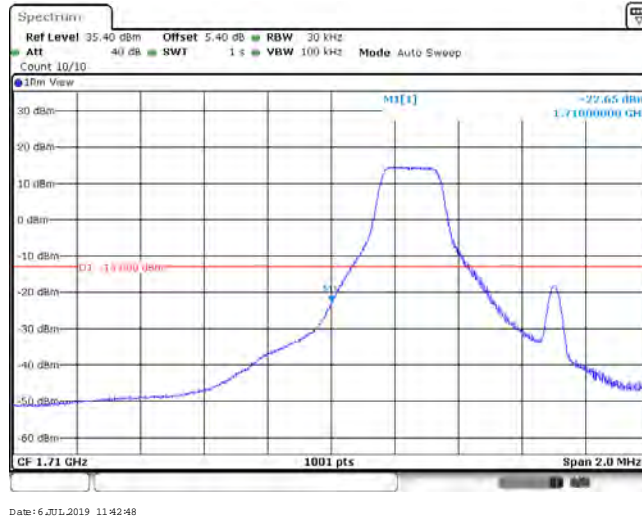
Band4_1.4MHz_QPSK_20393_6RB#0



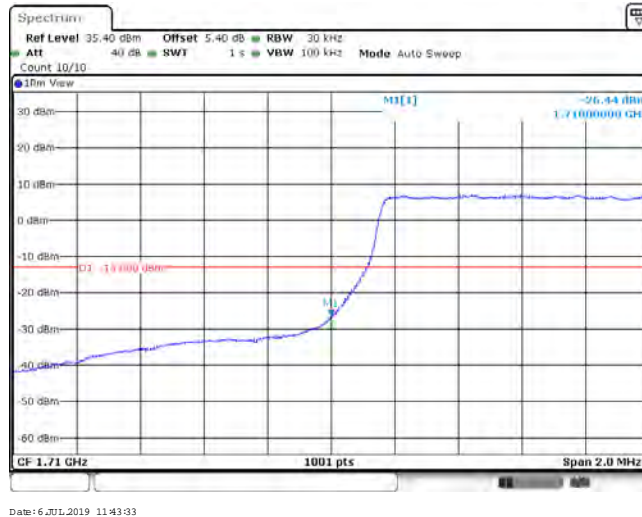
Band4_1.4MHz_16QAM_19957_1RB#0



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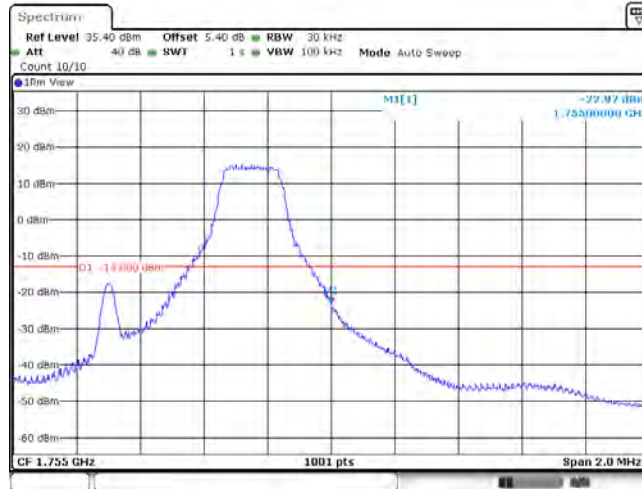
Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_16QAM_20393_1RB#5

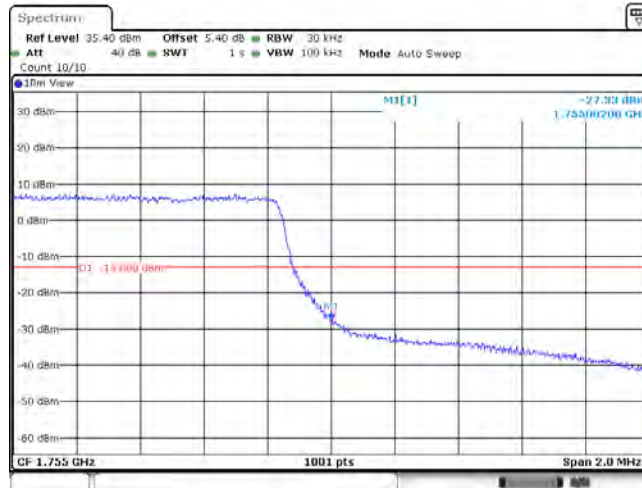


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Date: 6 JUL 2019 11:44:22

Band4_1.4MHz_16QAM_20393_6RB#0

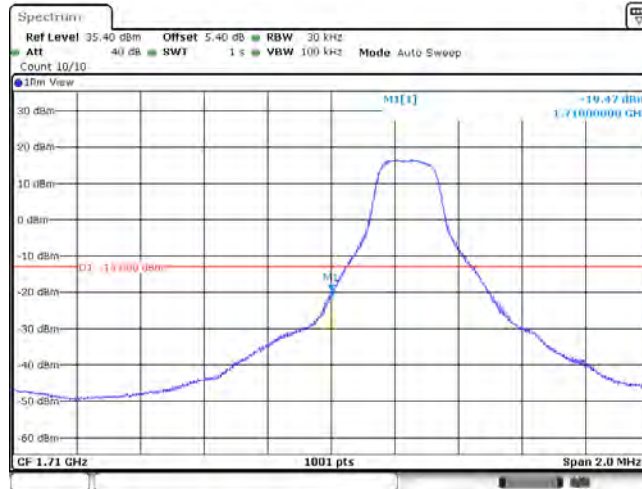


Date: 6 JUL 2019 11:45:08

Band4_3MHz_QPSK_19965_1RB#0

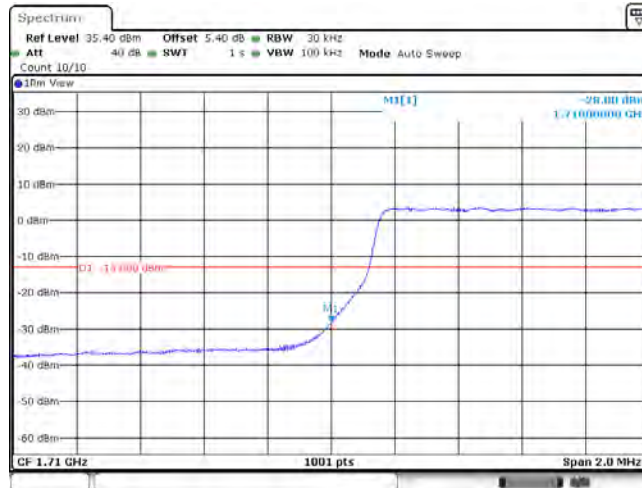


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Date: 6 JUL 2019 11:45:35

Band4_3MHz_QPSK_19965_15RB#0

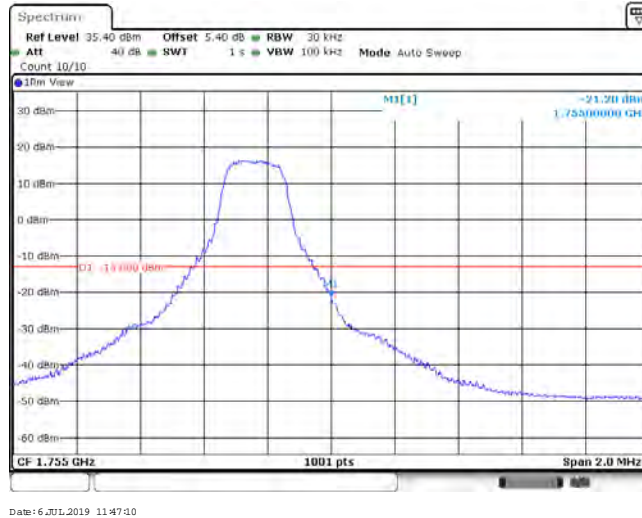


Date: 6 JUL 2019 11:46:20

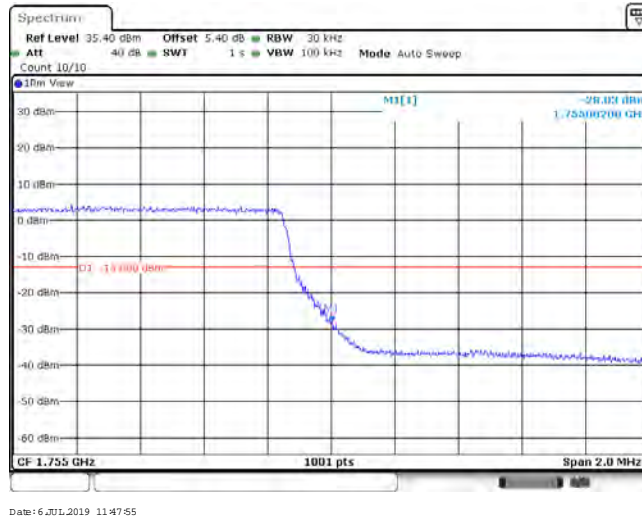
Band4_3MHz_QPSK_20385_1RB#14



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Band4_3MHz_QPSK_20385_15RB#0

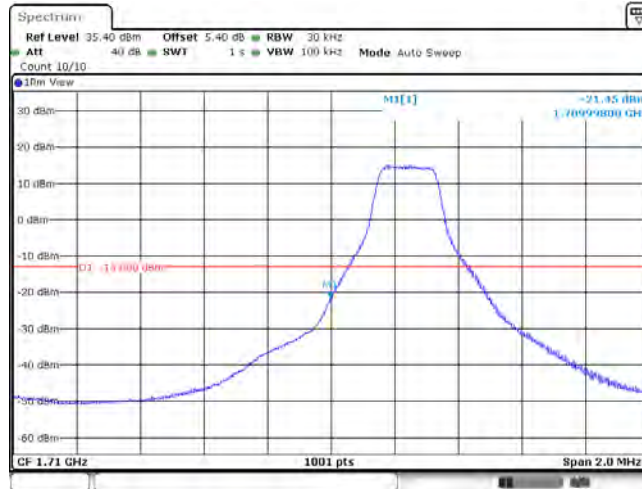


Band4_3MHz_16QAM_19965_1RB#0



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Date: 6 JUL 2019 11:45:58

Band4_3MHz_16QAM_19965_15RB#0

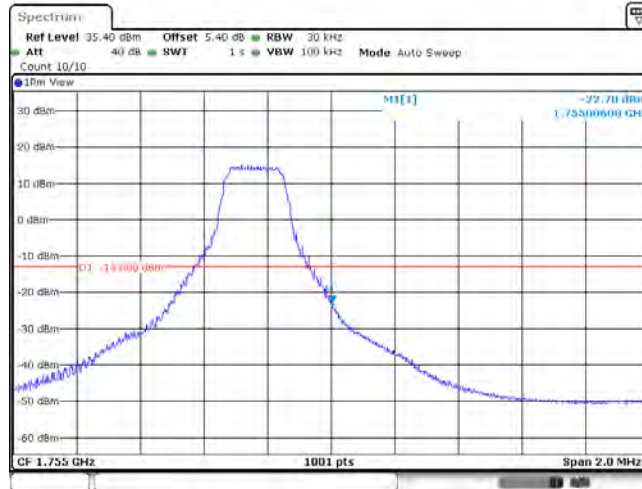


Date: 6 JUL 2019 11:46:43

Band4_3MHz_16QAM_20385_1RB#14

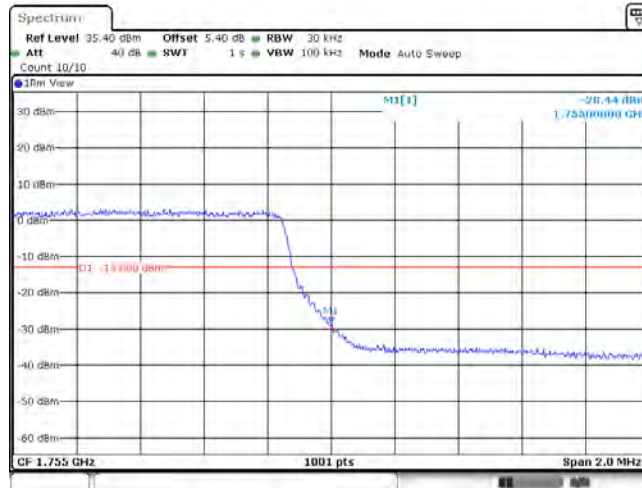


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Date: 6 JUL 2019 11:47:33

Band4_3MHz_16QAM_20385_15RB#0

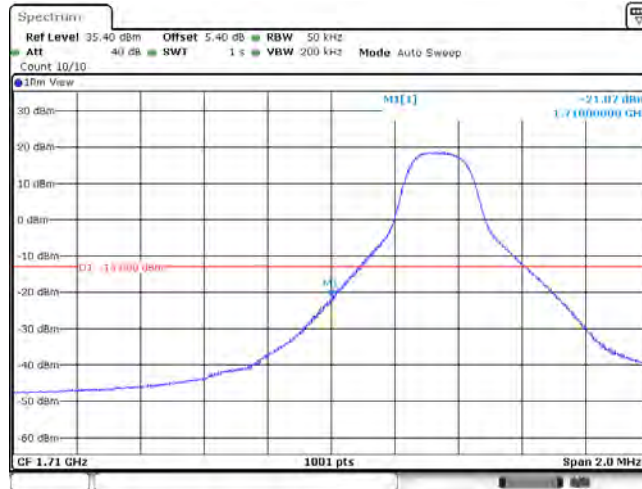


Date: 6 JUL 2019 11:48:18

Band4_5MHz_QPSK_19975_1RB#0



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Date: 6 JUL 2019 11:48:45

Band4_5MHz_QPSK_19975_25RB#0

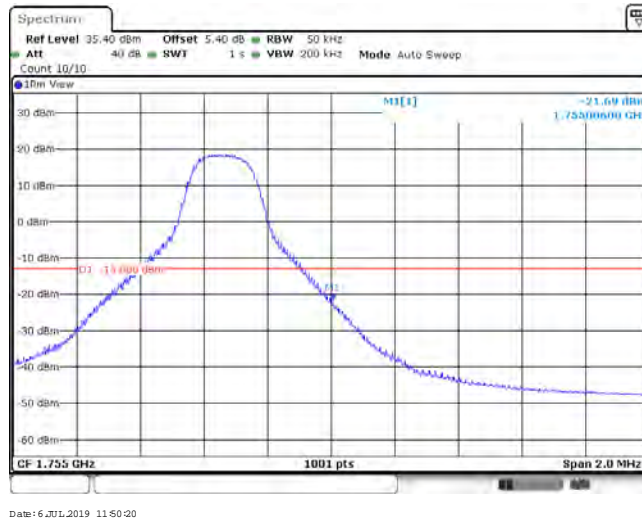


Date: 6 JUL 2019 11:49:31

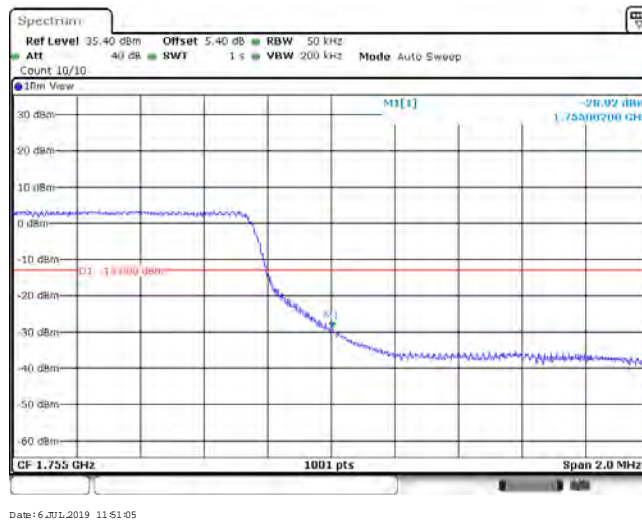
Band4_5MHz_QPSK_20375_1RB#24



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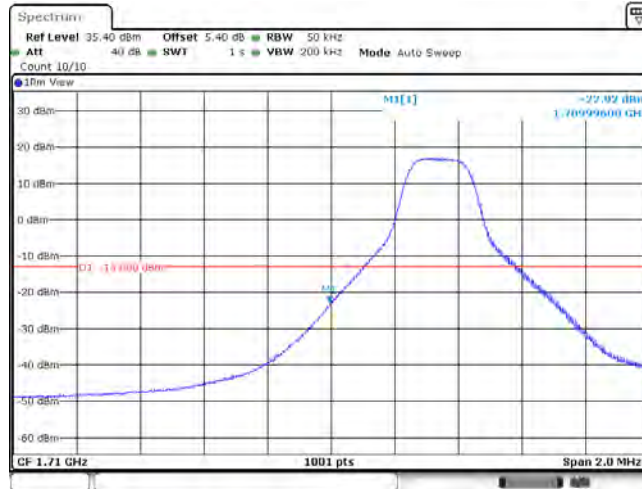
Band4_5MHz_QPSK_20375_25RB#0



Band4_5MHz_16QAM_19975_1RB#0

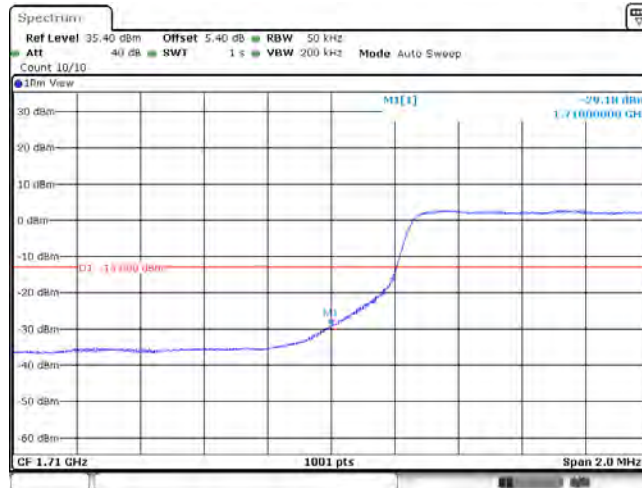


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Date: 6 JUL 2019 11:49:08

Band4_5MHz_16QAM_19975_25RB#0

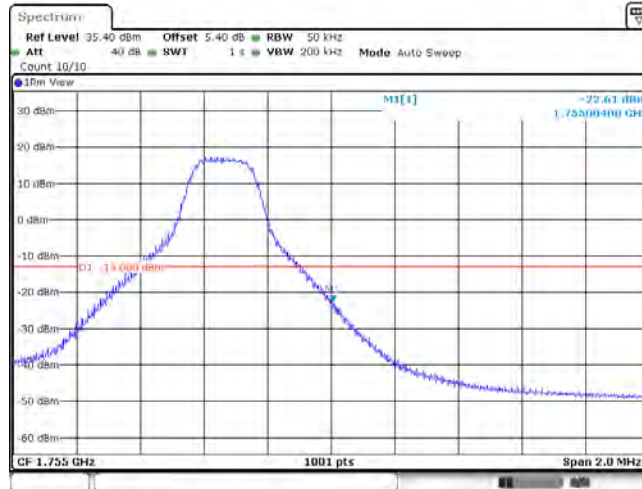


Date: 6 JUL 2019 11:49:53

Band4_5MHz_16QAM_20375_1RB#24

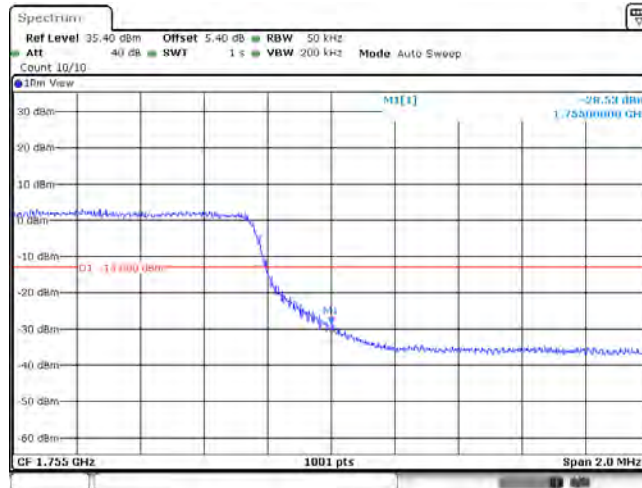


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Date: 6 JUL 2019 11:50:43

Band4_5MHz_16QAM_20375_25RB#0

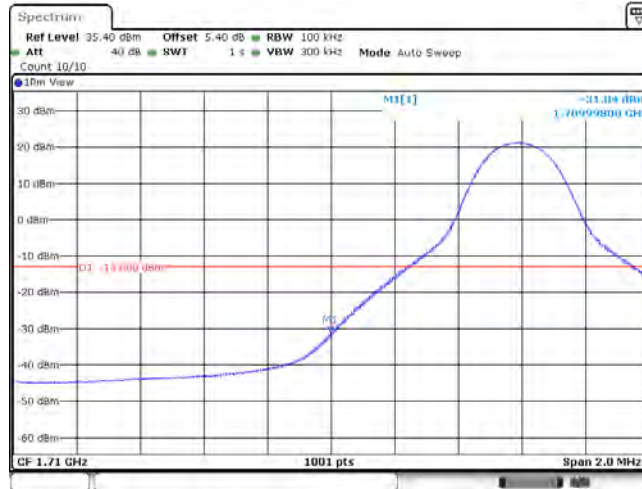


Date: 6 JUL 2019 11:51:28

Band4_10MHz_QPSK_2000_1RB#0



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Date: 6 JUL 2019 11:51:55

Band4_10MHz_QPSK_20000_50RB#0

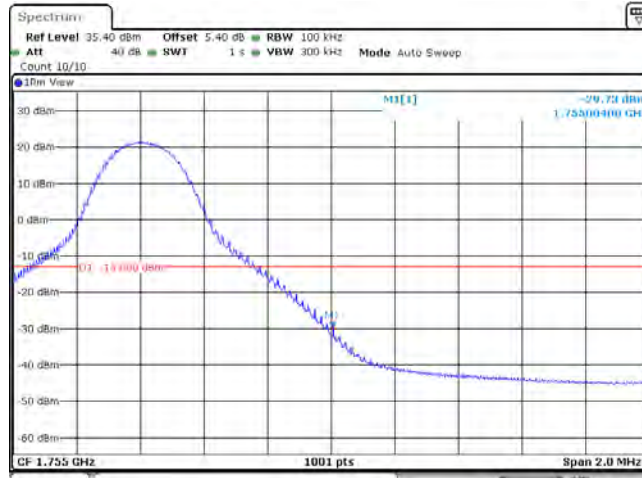


Date: 6 JUL 2019 11:52:40

Band4_10MHz_QPSK_20350_1RB#49

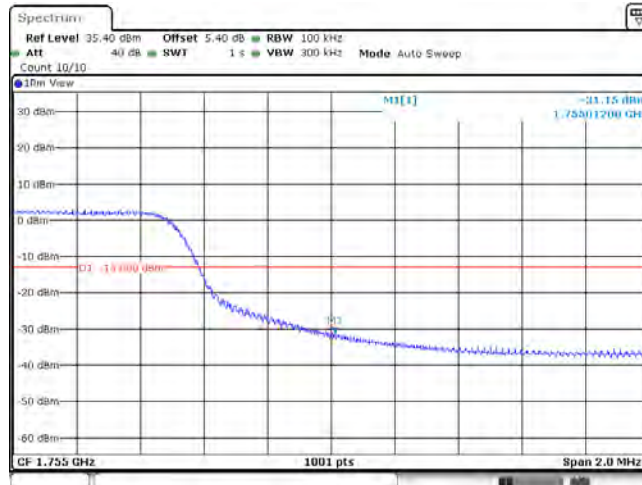


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Date: 6 JUL 2019 11:53:30

Band4_10MHz_QPSK_20350_50RB#0

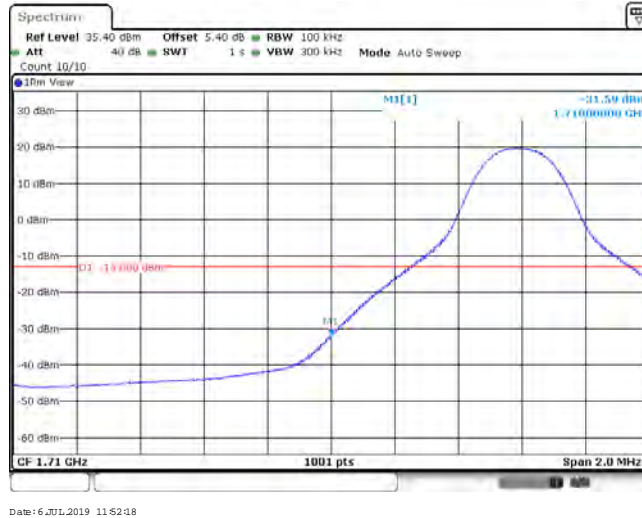


Date: 6 JUL 2019 11:54:16

Band4_10MHz_16QAM_20000_1RB#0



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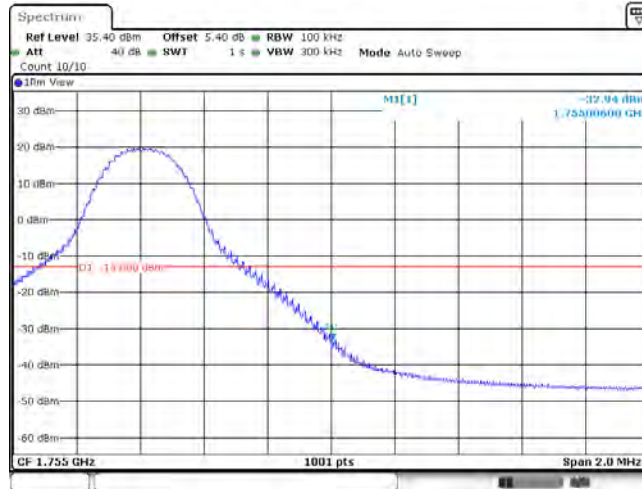
Band4_10MHz_16QAM_20000_50RB#0



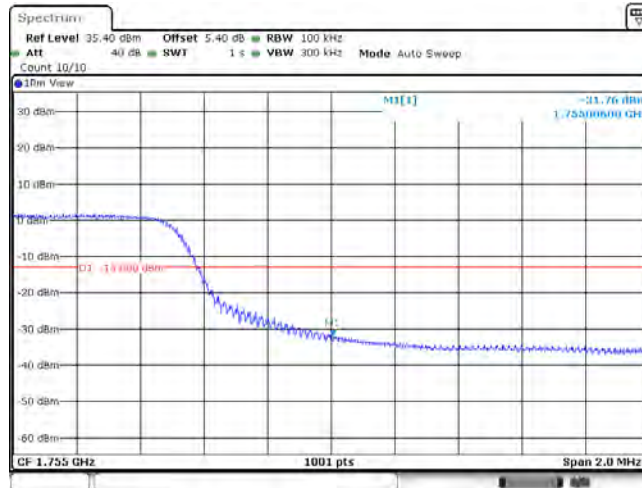
Band4_10MHz_16QAM_20350_1RB#49



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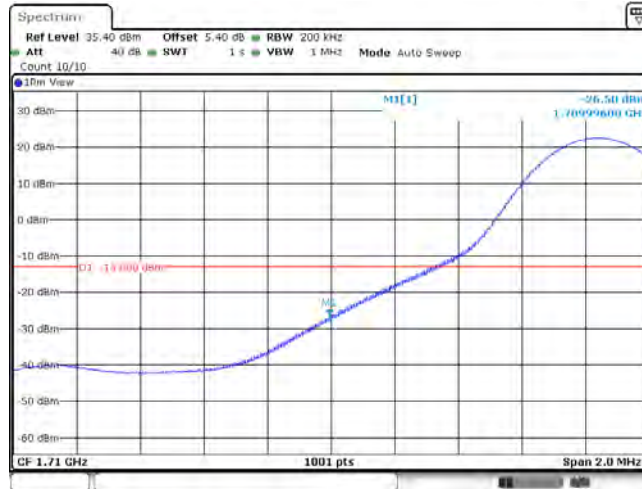
Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_2025_1RB#0



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Date: 6 JUL 2019 11:55:05

Band4_15MHz_QPSK_20025_75RB#0

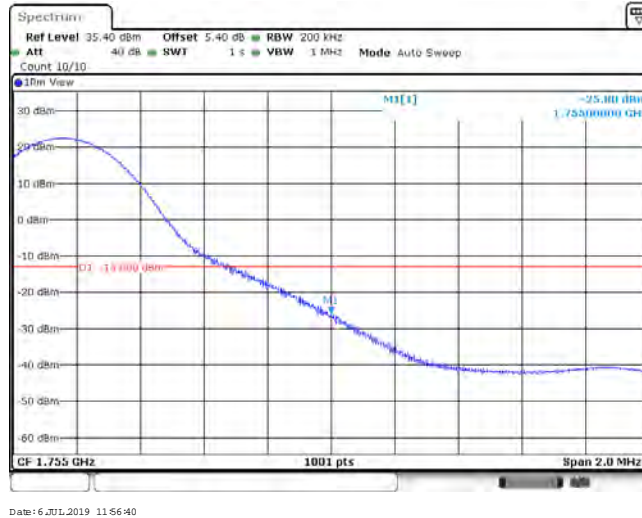


Date: 6 JUL 2019 11:55:51

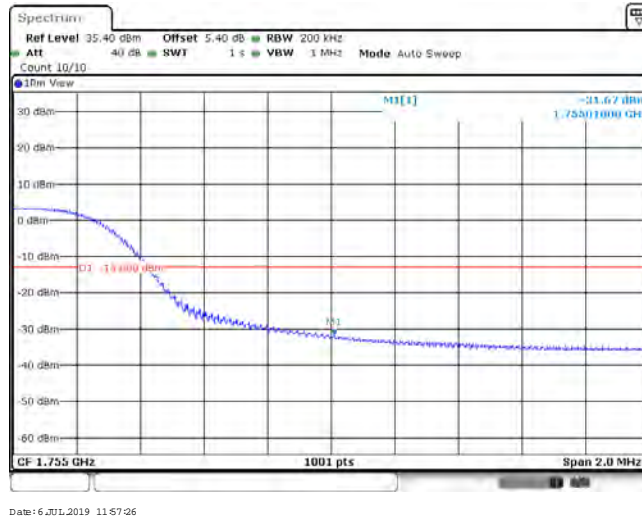
Band4_15MHz_QPSK_20325_1RB#74



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Band4_15MHz_QPSK_20325_75RB#0



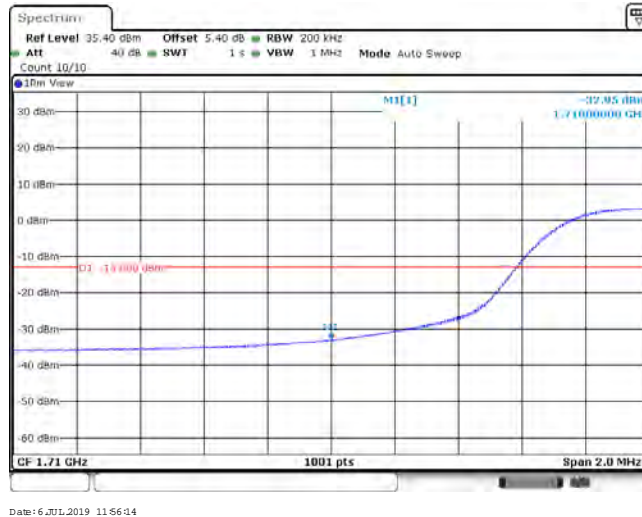
Band4_15MHz_16QAM_20025_1RB#0



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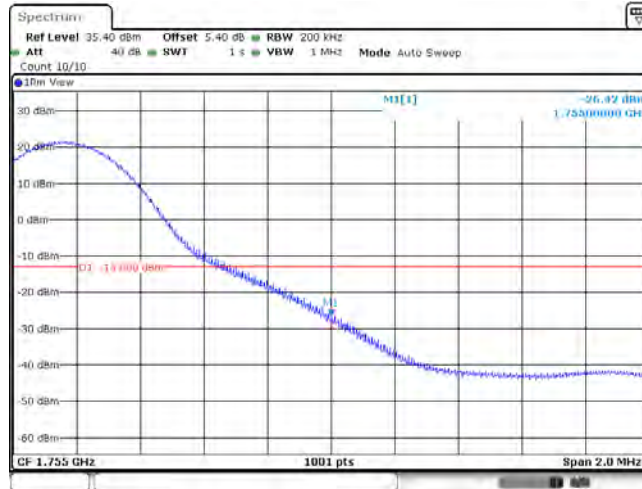
Band4_15MHz_16QAM_2025_75RB#0



Band4_15MHz_16QAM_20325_1RB#74

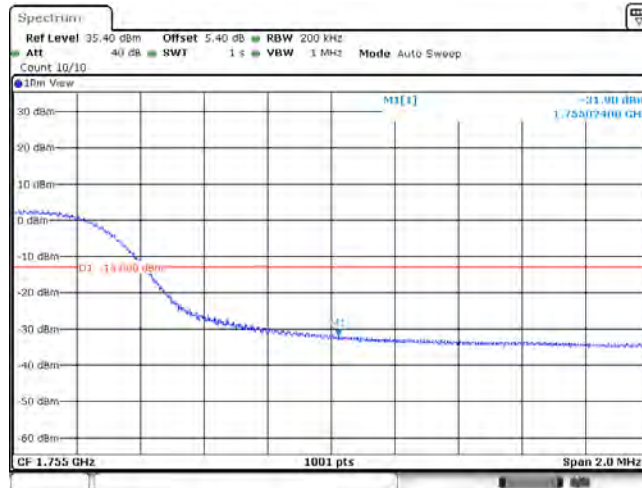


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Date: 6 JUL 2019 11:57:03

Band4_15MHz_16QAM_20325_75RB#0



Date: 6 JUL 2019 11:57:48

Band4_20MHz_QPSK_20050_1RB#0



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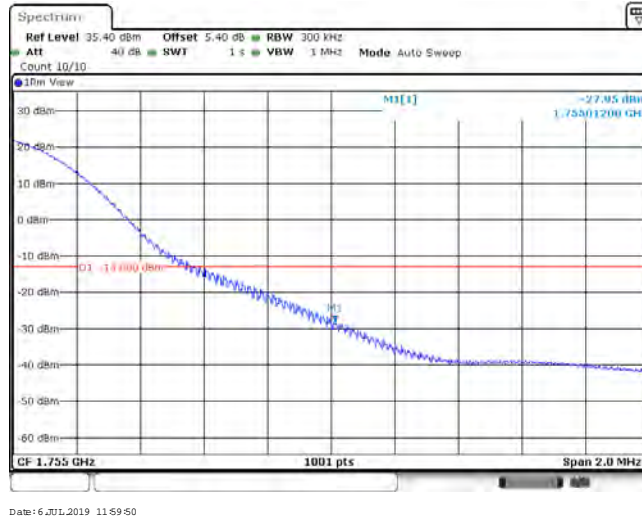
Band4_20MHz_QPSK_20050_100RB#0



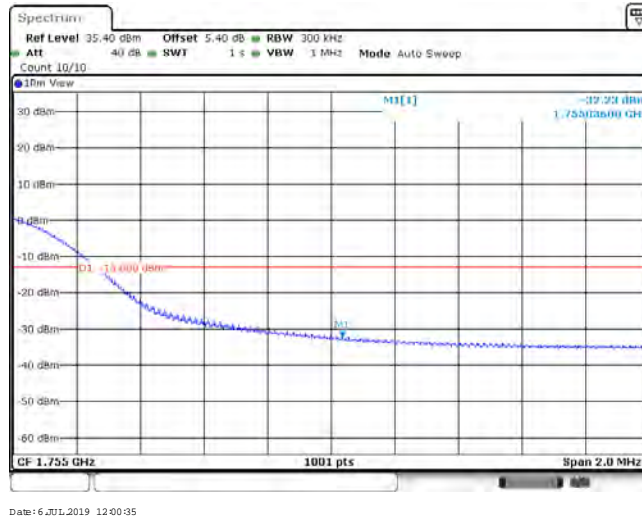
Band4_20MHz_QPSK_20300_1RB#99



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Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20050_1RB#0

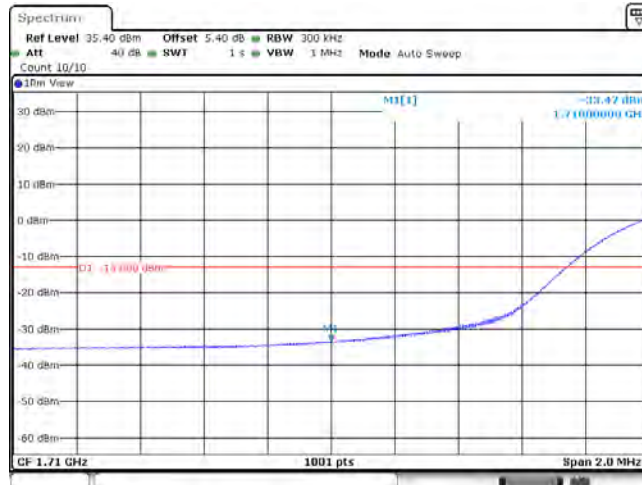


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Date: 6 JUL 2019 11:58:38

Band4_20MHz_16QAM_20050_100RB#0

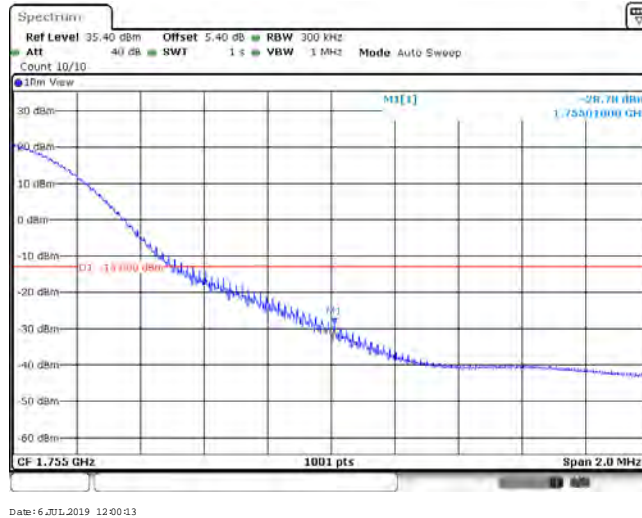


Date: 6 JUL 2019 11:59:23

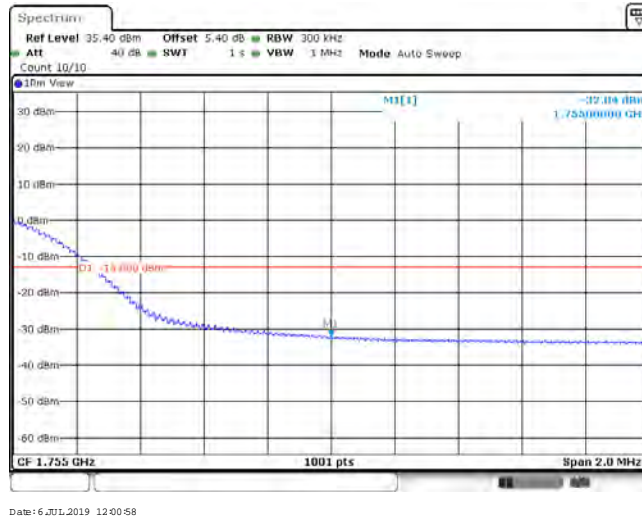
Band4_20MHz_16QAM_20300_1RB#99



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Band4_20MHz_16QAM_20300_100RB#0



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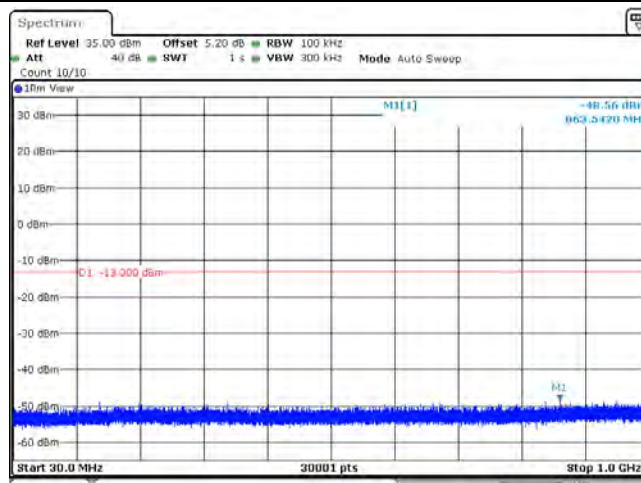
6. Spurious Emission at Antenna Terminal

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.

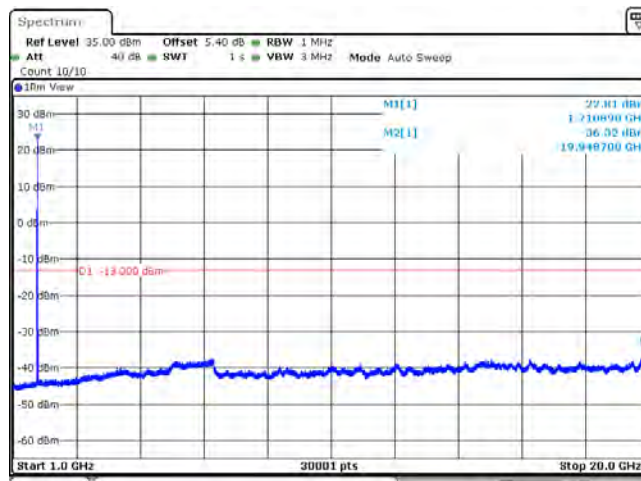
6.1. Test Plots

Band4_20MHz_QPSK_20050_1RB#0



Date: 6.JUL.2019 12:01:24

Band4_20MHz_QPSK_20050_1RB#0

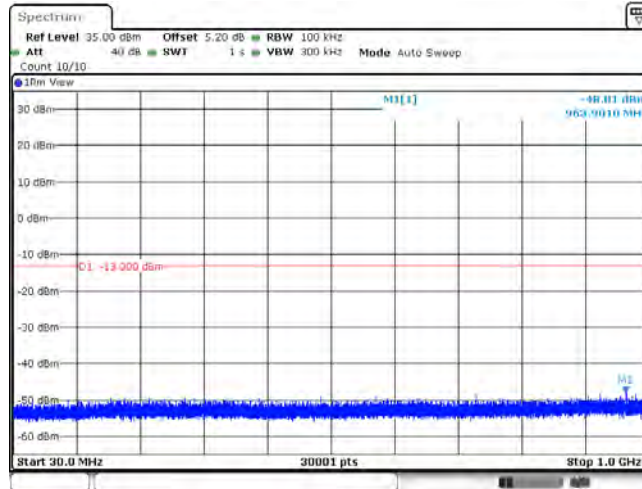


Date: 6.JUL.2019 12:01:43

Band4_20MHz_QPSK_20175_1RB#0

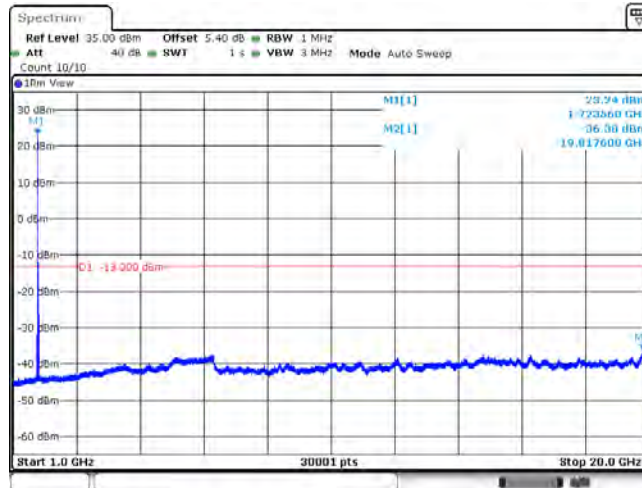


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Date: 6 JUL 2019 12:02:47

Band4_20MHz_QPSK_20175_1RB#0

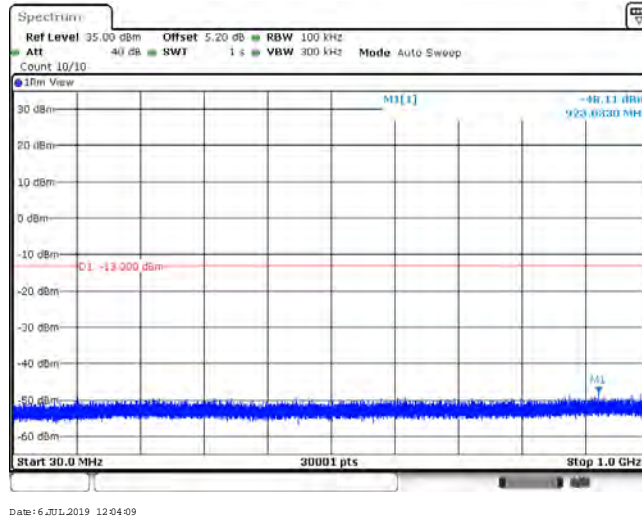


Date: 6 JUL 2019 12:03:06

Band4_20MHz_QPSK_20300_1RB#0

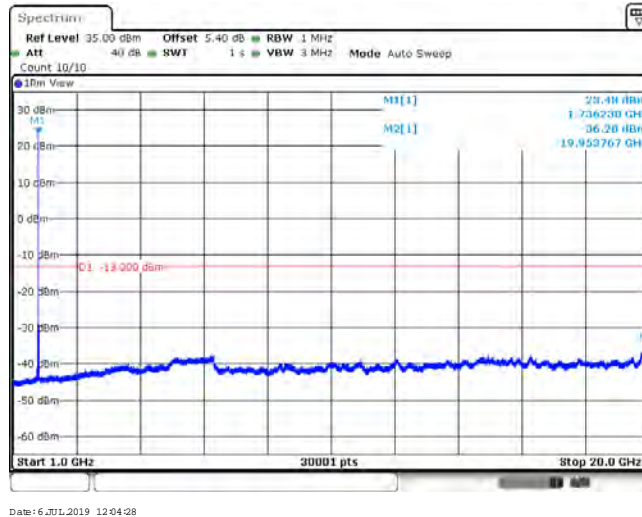


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Date: 6 JUL 2019 12:04:09

Band4_20MHz_QPSK_20300_1RB#0

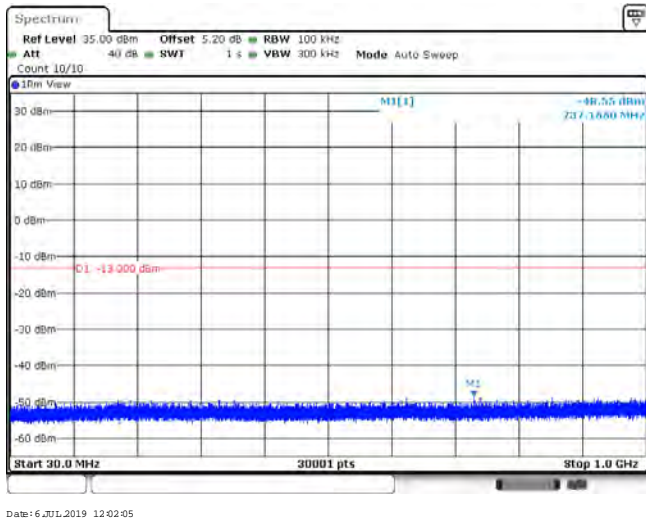


Date: 6 JUL 2019 12:04:28

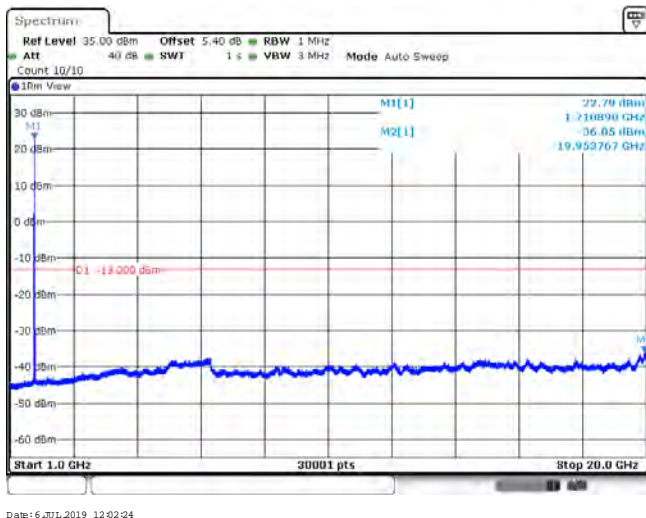
Band4_20MHz_16QAM_20050_1RB#0



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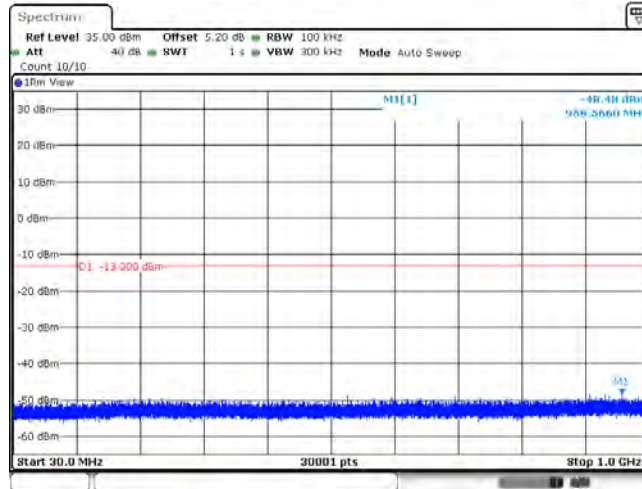
Band4_20MHz_16QAM_20050_1RB#0



Band4_20MHz_16QAM_20175_1RB#0

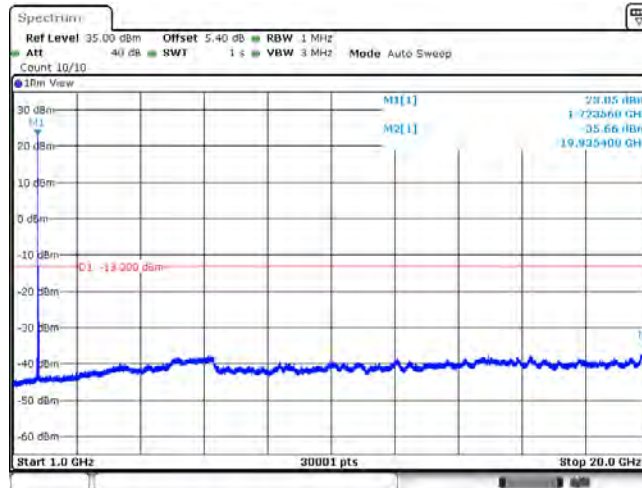


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Date: 6 JUL 2019 12:03:27

Band4_20MHz_16QAM_20175_1RB#0

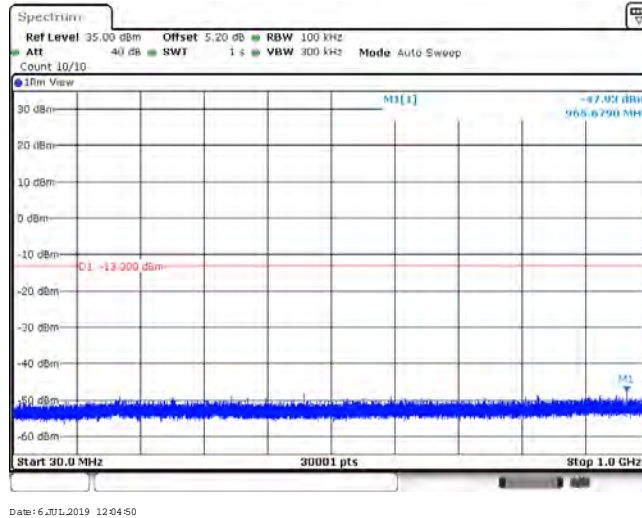


Date: 6 JUL 2019 12:03:47

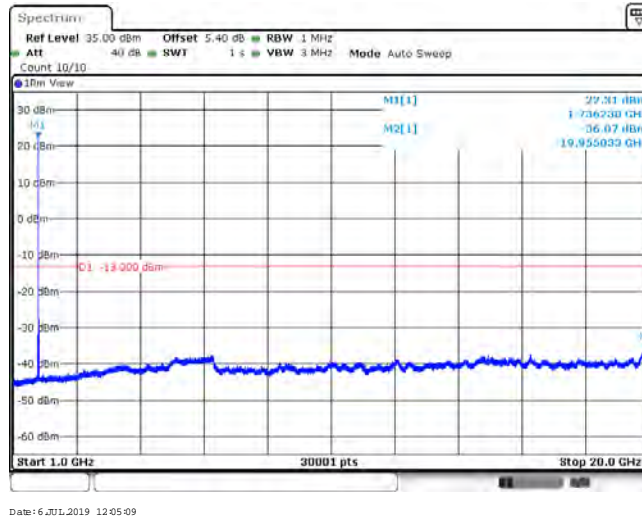
Band4_20MHz_16QAM_20300_1RB#0



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Band4_20MHz_16QAM_20300_1RB#0



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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band 4

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
109.9320	-65.28	-13.00	52.28	Vertical
596.4113	-64.45	-13.00	51.45	Vertical
1276.8554	-48.21	-13.00	35.21	Vertical
2699.5399	-37.36	-13.00	24.36	Vertical
14691.3897	-42.14	-13.00	29.14	Vertical
17995.9999	-31.76	-13.00	18.76	Vertical
38.9244	-64.92	-13.00	51.92	Horizontal
226.5318	-69.09	-13.00	56.09	Horizontal
1200.0400	-48.49	-13.00	35.49	Horizontal
2694.3389	-36.33	-13.00	23.33	Horizontal
16435.9479	-37.42	-13.00	24.42	Horizontal
17996.9999	-36.21	-13.00	23.21	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.7679	-64.74	-13.00	51.74	Vertical
594.2287	-64.91	-13.00	51.91	Vertical
1298.0596	-48.00	-13.00	35.00	Vertical
2705.5411	-37.45	-13.00	24.45	Vertical
14712.3904	-41.40	-13.00	28.40	Vertical
17924.4975	-33.70	-13.00	20.70	Vertical
45.2298	-62.75	-13.00	49.75	Horizontal
244.6717	-68.01	-13.00	55.01	Horizontal
1212.8426	-48.47	-13.00	35.47	Horizontal
2699.9400	-36.20	-13.00	23.20	Horizontal
8763.1921	-50.49	-13.00	37.49	Horizontal
16399.4466	-37.42	-13.00	24.42	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.7979	-64.89	-13.00	51.89	Vertical
641.2276	-64.35	-13.00	51.35	Vertical
1219.2438	-48.20	-13.00	35.20	Vertical
2703.1406	-37.29	-13.00	24.29	Vertical
14697.3899	-41.67	-13.00	28.67	Vertical
17991.9997	-31.38	-13.00	18.38	Vertical
43.5807	-64.46	-13.00	51.46	Horizontal
239.0455	-68.43	-13.00	55.43	Horizontal
1176.0352	-48.73	-13.00	35.73	Horizontal
2699.5399	-36.17	-13.00	23.17	Horizontal
16391.9464	-37.37	-13.00	24.37	Horizontal
17989.9997	-36.42	-13.00	23.42	Horizontal

Remark:

The disturbance 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.

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	2.00	0.001163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.20	0.000115	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.50	0.000289	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	1.10	0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	1.90	0.001105	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-0.50	-0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	0.80	0.000462	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-4.70	-0.002693	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.20	-0.001834	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	2.40	0.001395	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	0.60	0.000349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	1.70	0.000988	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	0.20	0.000116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	0.40	0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	1.90	0.001105	±2.5	PASS



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Band4	20MHz	QPSK	20050	100RB#0	NV	40	0.60	0.000349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	1.50	0.000872	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.80	0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-0.60	-0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	2.00	0.001154	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.90	0.000519	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	1.90	0.001105	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	0.50	0.000291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	1.90	0.001105	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	3.00	0.001744	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	1.80	0.001047	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	0.80	0.000465	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	2.10	0.001221	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	1.70	0.000988	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.00	0.001154	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	1.70	0.000981	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	0.10	0.000058	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	1.10	0.000635	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.20	-0.001261	±2.5	PASS



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Band4	20MHz	16QAM	20300	100RB#0	NV	20	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-3.00	-0.001719	±2.5	PASS

The End



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