

Appendix B

E-UTRA Band 4



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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#2	22.99	22.92	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	23.11	23.04	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.05	22.98	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.21	23.14	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.26	23.19	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.32	23.25	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.16	22.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.17	23.10	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.38	23.31	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.25	23.18	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.41	23.34	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.47	23.40	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.36	23.29	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.38	22.31	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.00	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.19	23.12	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.00	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.22	23.15	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.13	23.06	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.34	23.27	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.21	22.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.64	21.57	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.02	21.95	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.67	21.60	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.42	22.35	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.50	22.43	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.35	22.28	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.18	21.11	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.99	21.92	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.03	21.96	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.94	21.87	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.52	22.45	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.46	22.39	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.61	22.54	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.10	21.03	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.93	21.86	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.60	21.53	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.86	21.79	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#3	22.36	22.29	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.33	22.26	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.08	22.01	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.19	21.12	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.09	23.02	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.34	23.27	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.29	23.22	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.12	22.05	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.86	21.79	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.21	22.14	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.18	22.11	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.06	22.99	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.37	23.30	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.96	22.89	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.31	22.24	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.43	22.36	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.34	22.27	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.41	22.34	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.15	23.08	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.16	23.09	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.24	23.17	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.23	22.16	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.94	21.87	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.15	22.08	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.08	22.01	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.93	21.86	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.68	21.61	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.56	21.49	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.41	21.34	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.00	20.93	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.21	21.14	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.20	21.13	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.97	21.90	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.96	21.89	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.03	21.96	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.52	21.45	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.50	21.43	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.08	21.01	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.33	21.26	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.63	21.56	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.61	21.54	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.01	21.94	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.00	20.93	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.94	20.87	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.96	20.89	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.09	21.02	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#24	23.41	23.34	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.07	23.00	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.02	22.95	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.10	22.03	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.84	21.77	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.31	22.24	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.12	22.05	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.82	22.75	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.49	23.42	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.13	23.06	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.41	22.34	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.23	22.16	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.23	22.16	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.34	22.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.61	23.54	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.13	23.06	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.19	23.12	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.09	22.02	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.40	22.33	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.29	22.22	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.30	22.23	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.99	21.92	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.93	21.86	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.09	22.02	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.06	20.99	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.95	20.88	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.08	21.01	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.13	21.06	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.12	22.05	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.84	21.77	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.87	21.80	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.21	21.14	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.32	21.25	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.11	21.04	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.26	21.19	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.62	21.55	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.25	22.18	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.74	21.67	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.24	21.17	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.17	21.10	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.95	20.88	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.09	21.02	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.97	22.90	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.56	23.49	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.17	23.10	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.17	22.10	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#25	22.35	22.28	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.33	22.26	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.17	22.10	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.46	23.39	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.87	22.80	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.95	22.88	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.25	22.18	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.10	22.03	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.61	22.54	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.37	22.30	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.60	23.53	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.61	23.54	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.07	23.00	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.39	22.32	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.36	22.29	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.07	22.00	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.15	22.08	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.85	21.78	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.72	21.65	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.73	21.66	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.33	21.26	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.07	21.00	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.34	21.27	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.31	21.24	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.70	21.63	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.16	22.09	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.71	21.64	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.43	21.36	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.22	21.15	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.29	21.22	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.30	21.23	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.84	21.77	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.72	21.65	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.88	21.81	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.45	21.38	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.32	21.25	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.41	21.34	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.18	21.11	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.48	23.41	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.13	23.06	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.72	23.65	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.43	22.36	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.29	22.22	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.91	21.84	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.14	22.07	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.70	22.63	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#74	23.00	22.93	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.54	23.47	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.65	22.58	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.22	22.15	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.16	22.09	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.40	22.33	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.63	23.56	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.18	23.11	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.67	23.60	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.83	21.76	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.37	22.30	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.44	22.37	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.15	22.08	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.04	21.97	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.75	21.68	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.94	21.87	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.14	21.07	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.20	21.13	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.36	21.29	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.15	21.08	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.06	21.99	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.25	22.18	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.62	21.55	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.21	21.14	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.34	21.27	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.14	21.07	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.34	21.27	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.82	21.75	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.21	22.14	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.63	21.56	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.26	21.19	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.29	21.22	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.19	21.12	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.19	21.12	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.15	23.08	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.55	23.48	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.06	22.99	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.40	22.33	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.22	22.15	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.38	22.31	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.13	22.06	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.93	22.86	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.65	23.58	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.76	22.69	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.68	22.61	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.07	22.00	30.00	PASS



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Band4	20MHz	QPSK	20175	50RB#25	22.18	22.11	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.38	22.31	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.47	23.40	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.34	23.27	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.25	23.18	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.06	21.99	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.43	22.36	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.40	22.33	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.28	22.21	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.56	21.49	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.02	21.95	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.28	22.21	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.19	21.12	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.29	21.22	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.22	21.15	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.14	21.07	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.05	21.98	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.29	22.22	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.78	21.71	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.38	21.31	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.45	21.38	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.34	21.27	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.30	21.23	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.34	22.27	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.08	22.01	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.76	21.69	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.46	21.39	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.34	21.27	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.29	21.22	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.14	21.07	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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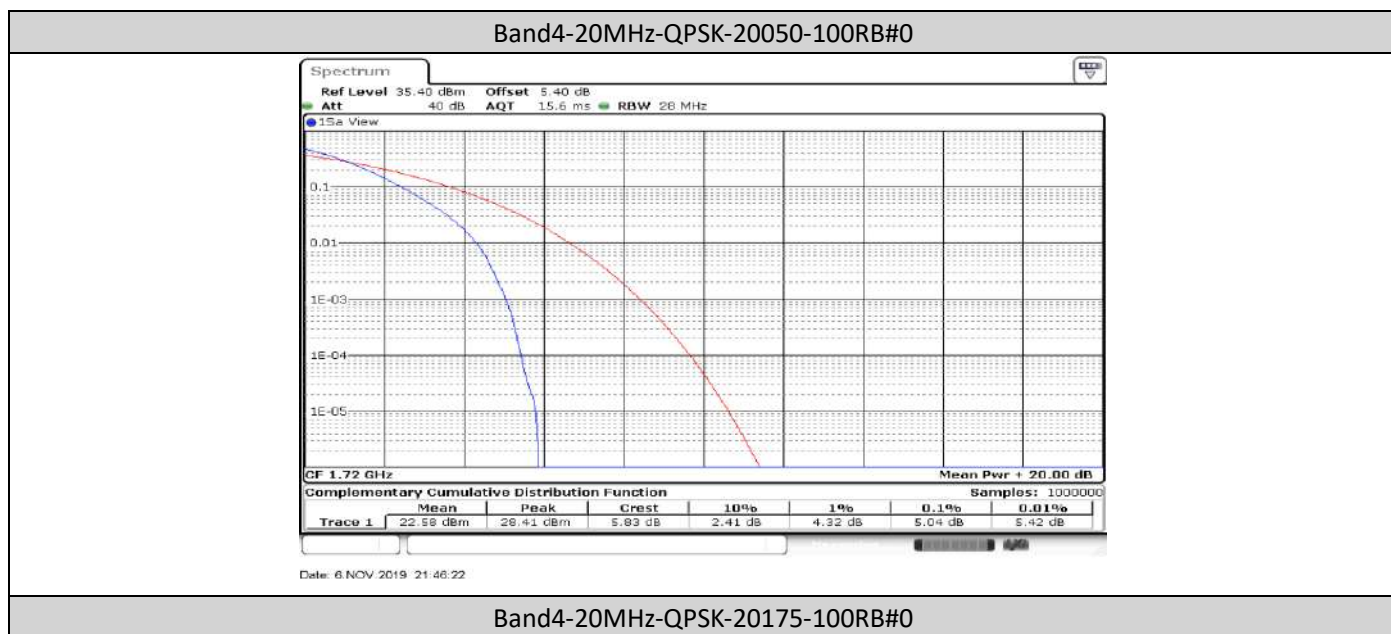


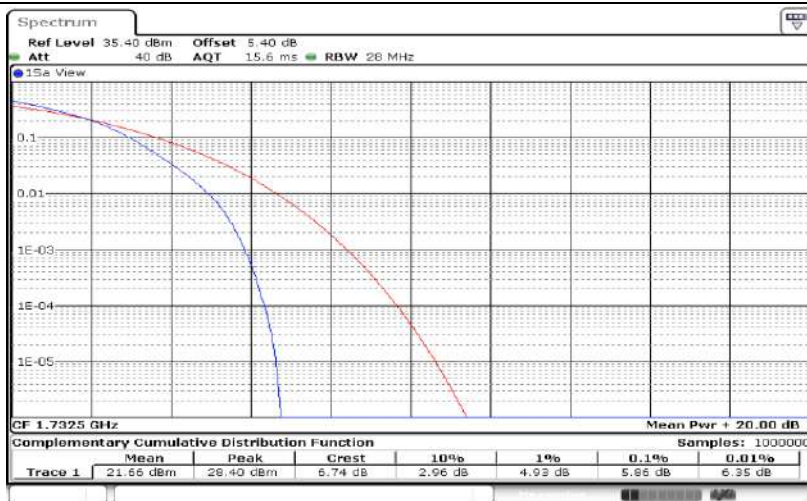
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.86	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.16	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.03	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.09	13	PASS

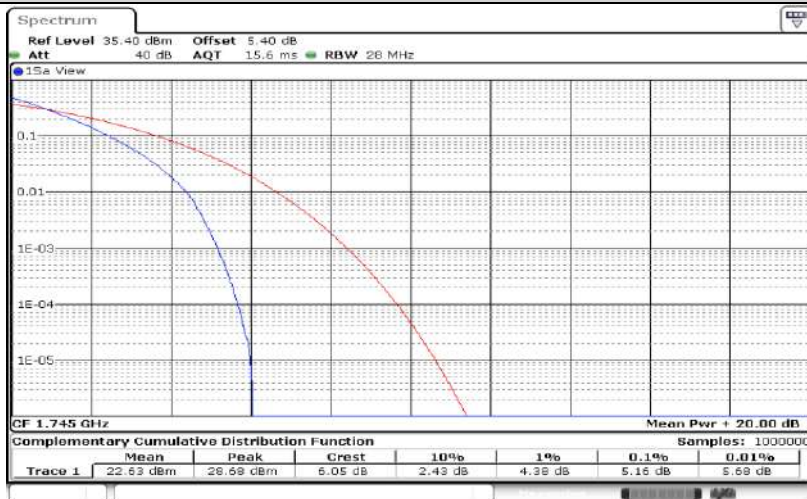
2.2. Test Plots





Date: 6 NOV 2019 21:46:41

Band4-20MHz-QPSK-20300-100RB#0



Date: 6 NOV 2019 21:47:01

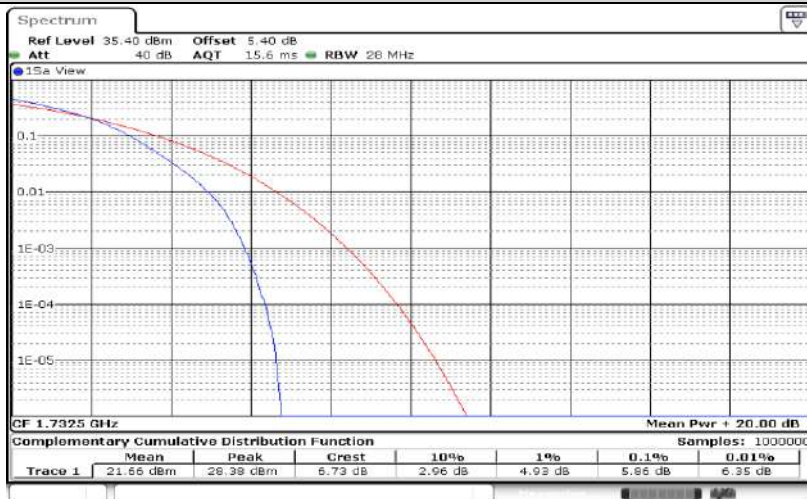
Band4-20MHz-16QAM-20050-100RB#0





Date: 6 NOV 2019 21:46:31

Band4-20MHz-16QAM-20175-100RB#0



Date: 6 NOV 2019 21:46:50

Band4-20MHz-16QAM-20300-100RB#0



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Date: 6 NOV 2019 21:47:09



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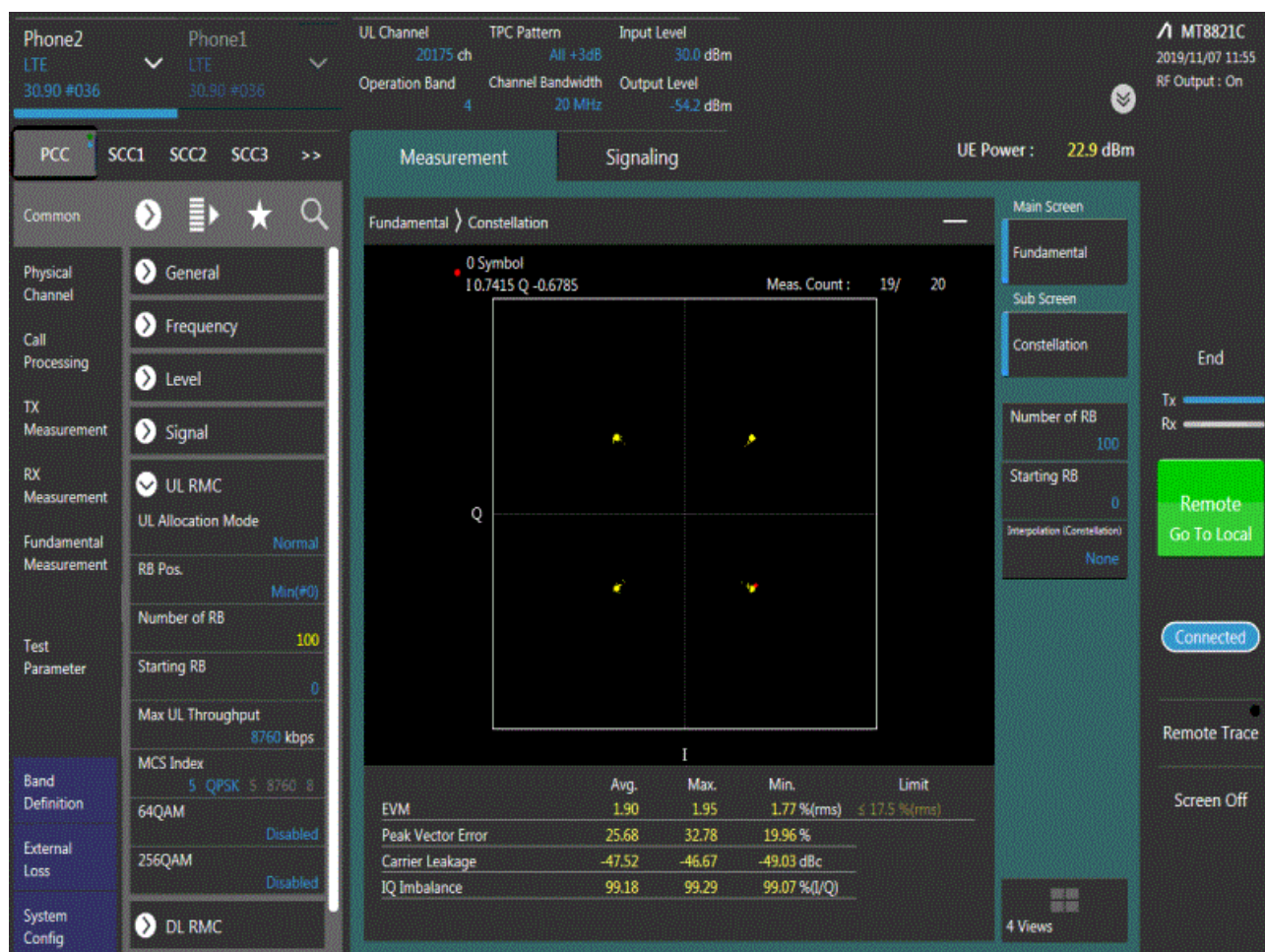
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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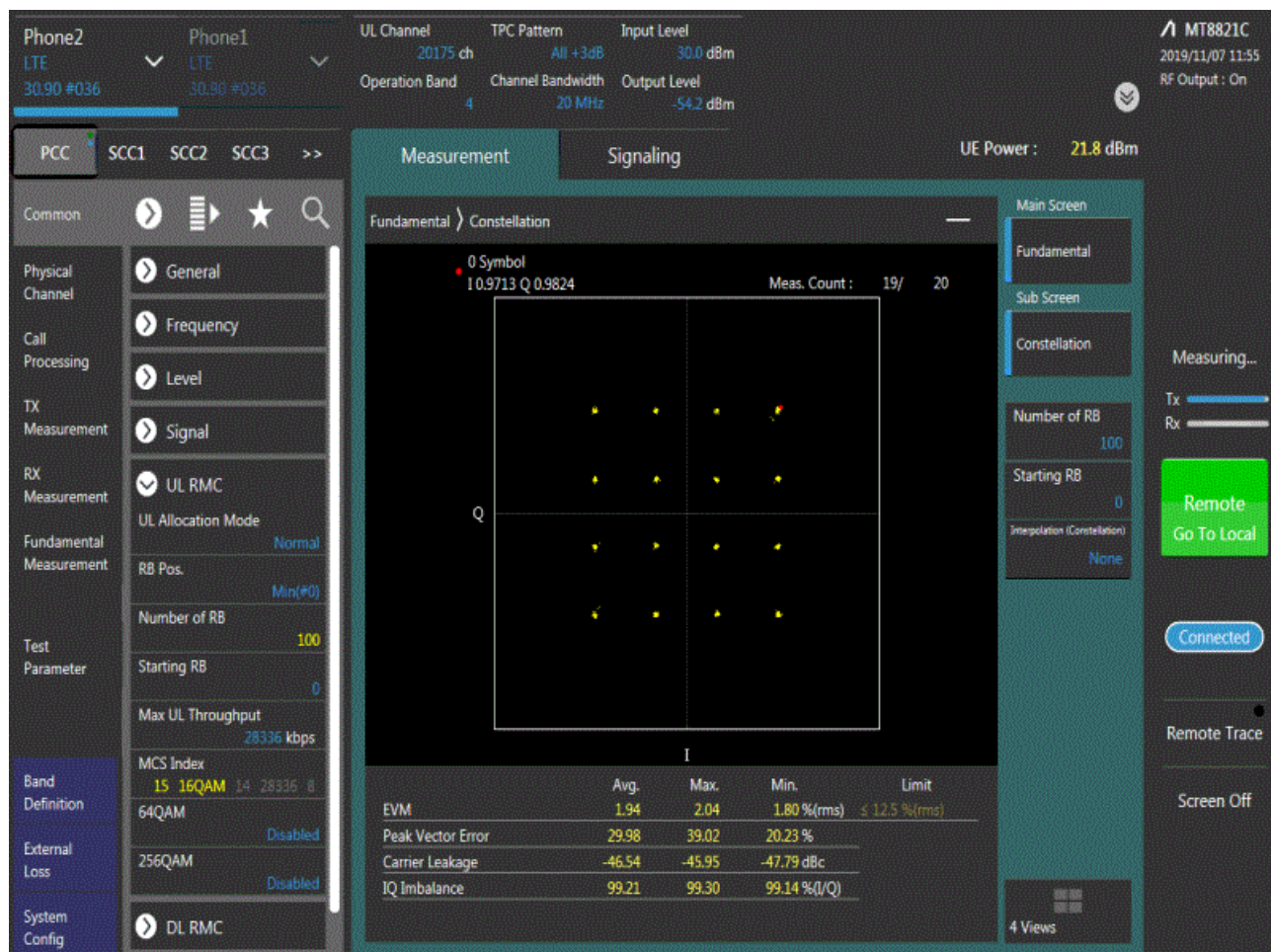
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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH





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	1.097	1.287	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.332	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.097	1.302	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.097	1.305	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.100	1.311	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	2.988	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	3.000	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	2.988	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.697	3.000	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.691	3.000	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.703	2.988	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.486	4.970	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.920	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.940	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.476	4.900	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.960	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.960	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.780	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.740	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.740	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.620	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.931	9.680	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.720	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.427	14.760	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.457	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.397	14.820	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.397	14.760	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.700	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.790	PASS



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Band4	20MHz	QPSK	20050	100RB#0	17.862	19.240	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.822	19.400	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	24.120	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.862	19.400	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.822	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.520	PASS

4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.097



Date: 6 NOV 2019 21:15:38

Band4-1.4MHz-QPSK-20175-6RB#0-1.091



Date: 6 NOV 2019 21:16:00

Band4-1.4MHz-QPSK-20393-6RB#0-1.097

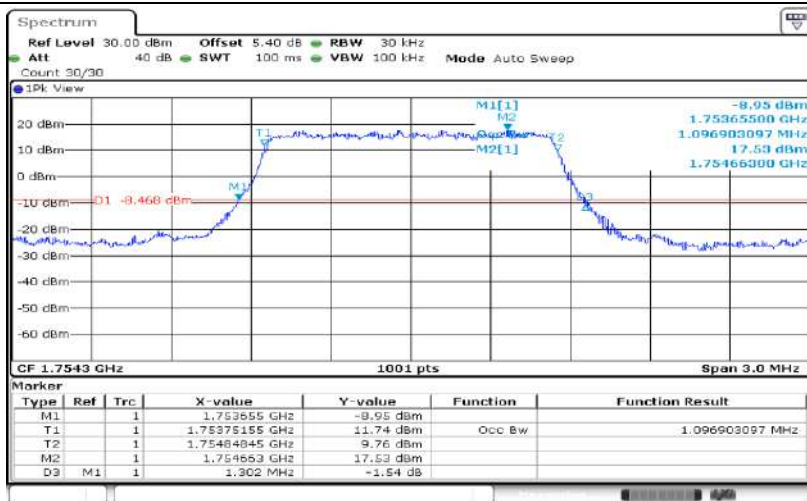


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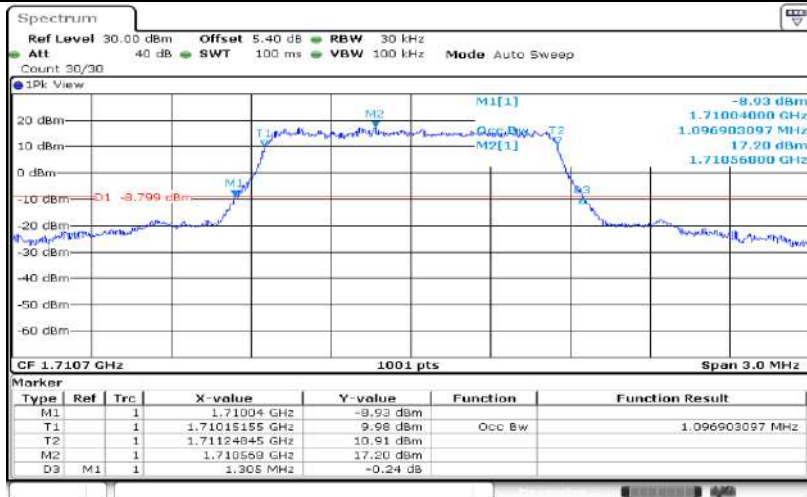
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Date: 6 NOV 2019 21:16:22

Band4-1.4MHz-16QAM-19957-6RB#0-1.097



Date: 6 NOV 2019 21:15:48

Band4-1.4MHz-16QAM-20175-6RB#0-1.091

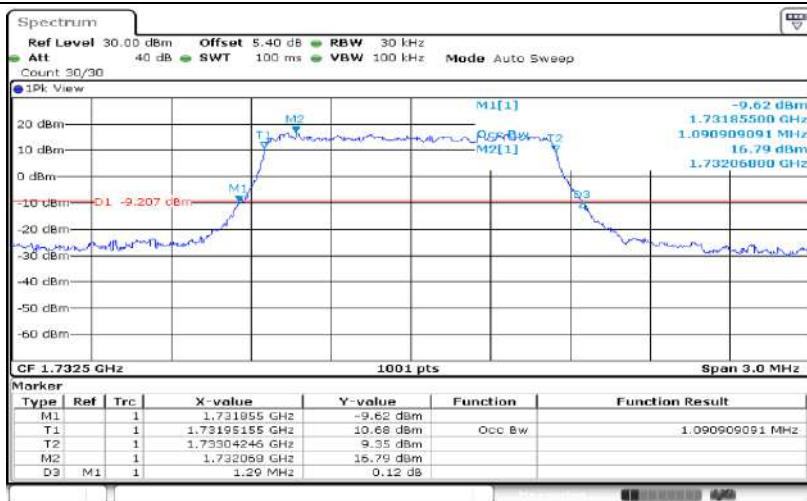


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Date: 6 NOV 2019 21:16:10

Band4-1.4MHz-16QAM-20393-6RB#0-1.1



Date: 6 NOV 2019 21:16:32

Band4-3MHz-QPSK-19965-15RB#0-2.697

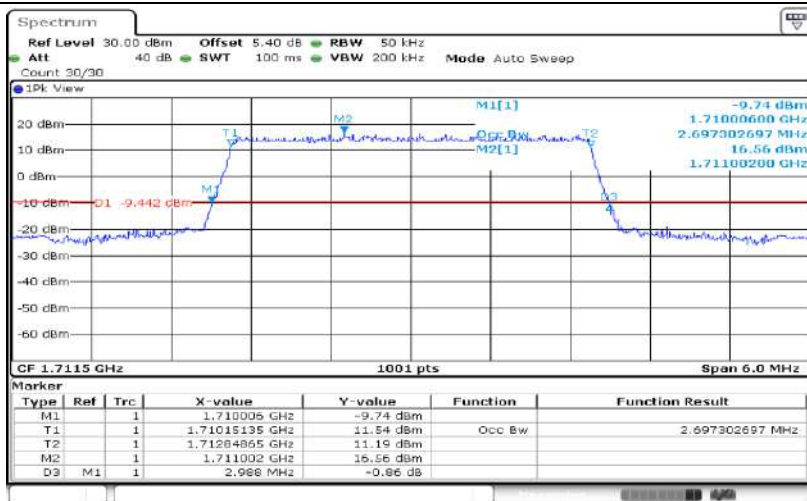


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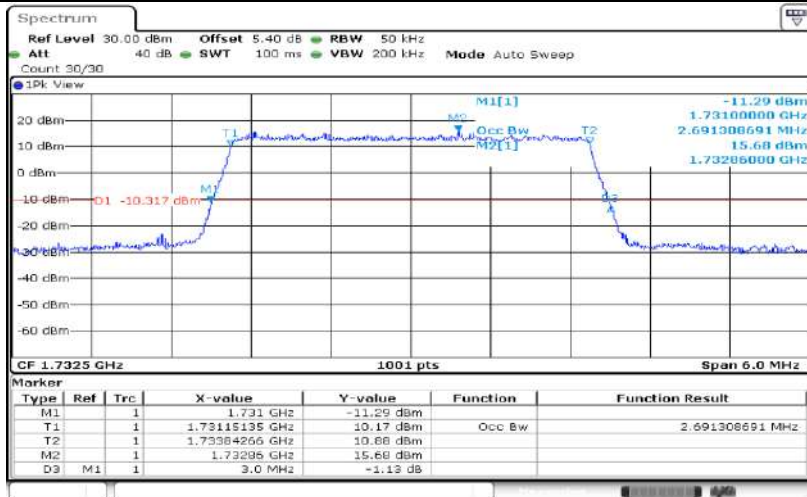
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Date: 6 NOV 2019 21:18:46

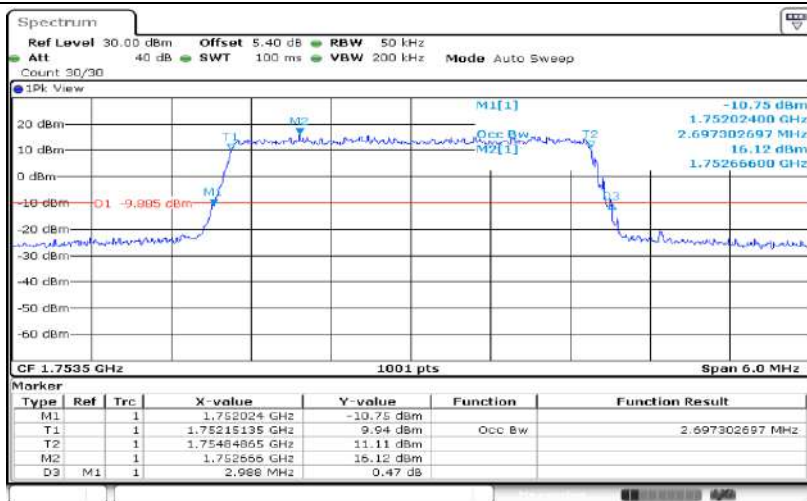
Band4-3MHz-QPSK-20175-15RB#0-2.691



Date: 6 NOV 2019 21:19:08

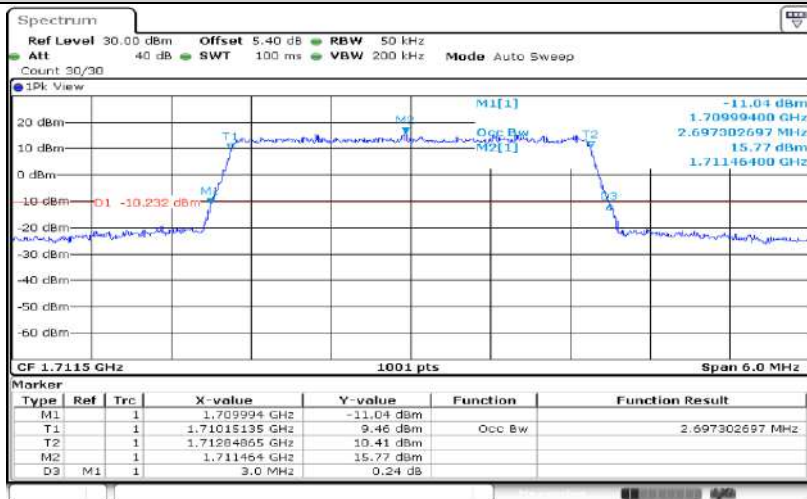
Band4-3MHz-QPSK-20385-15RB#0-2.697





Date: 6 NOV 2019 21:19:30

Band4-3MHz-16QAM-19965-15RB#0-2.697



Date: 6 NOV 2019 21:18:56

Band4-3MHz-16QAM-20175-15RB#0-2.691

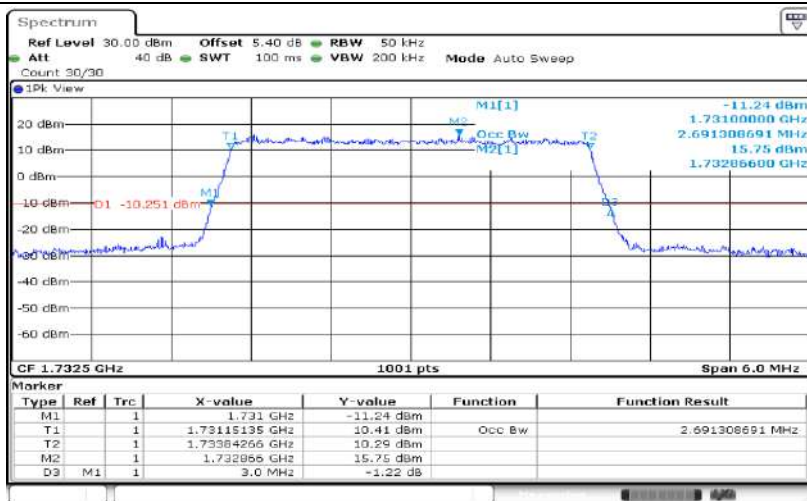


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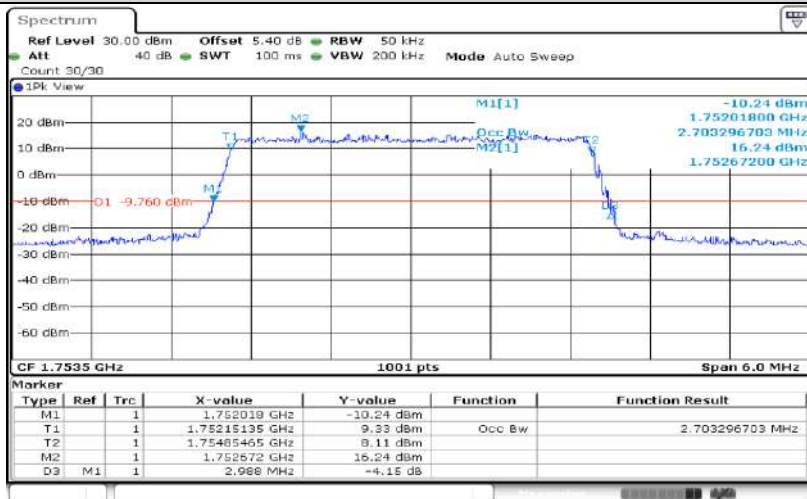
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Date: 6 NOV 2019 21:19:17

Band4-3MHz-16QAM-20385-15RB#0-2.703



Date: 6 NOV 2019 21:19:40

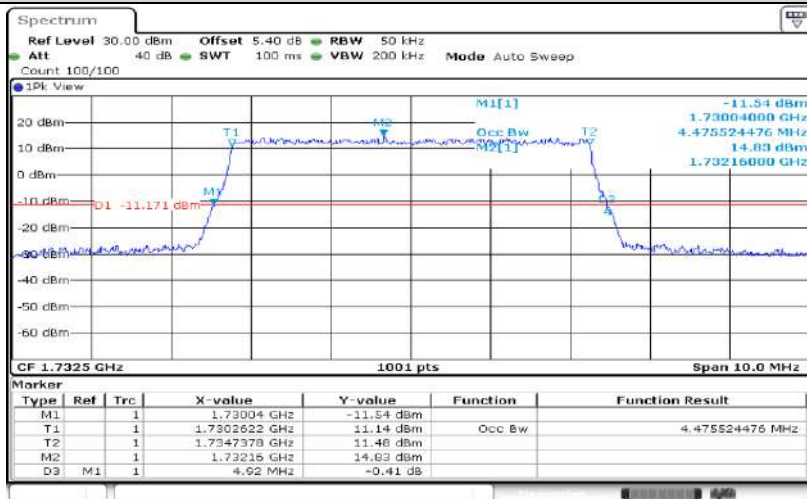
Band4-5MHz-QPSK-19975-25RB#0-4.486





Date: 6 NOV 2019 21:23:34

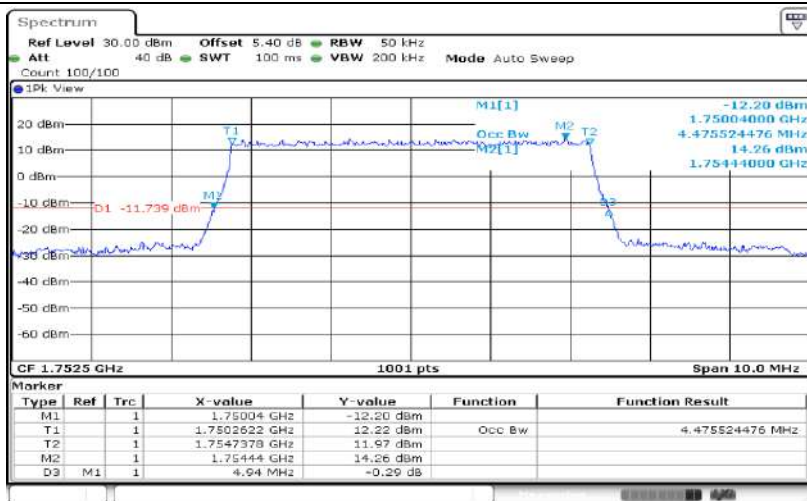
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Date: 6 NOV 2019 21:24:10

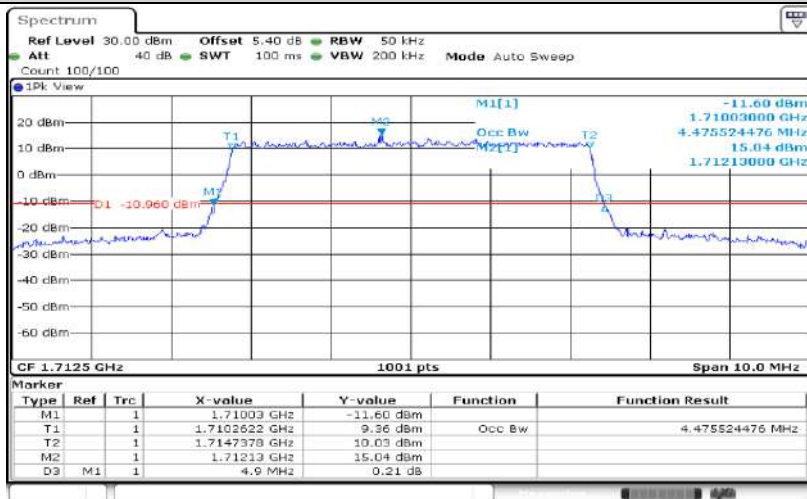
Band4-5MHz-QPSK-20375-25RB#0-4.476





Date: 6 NOV 2019 21:24:47

Band4-5MHz-16QAM-19975-25RB#0-4.476



Date: 6 NOV 2019 21:23:51

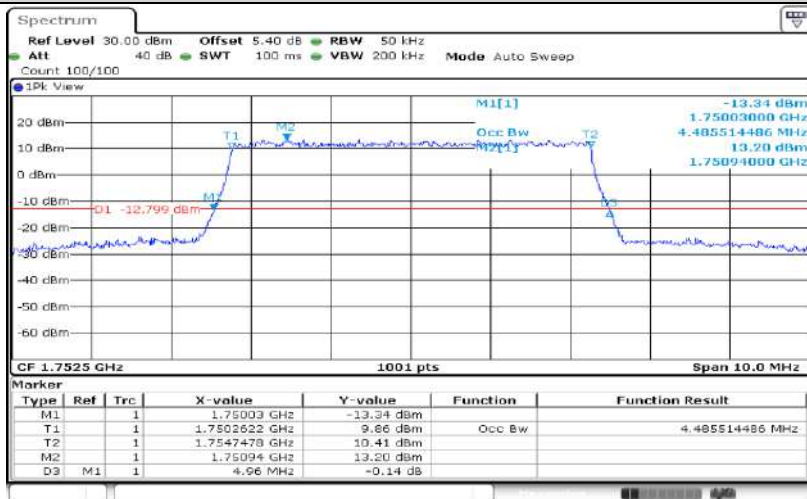
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Date: 6 NOV 2019 21:24:27

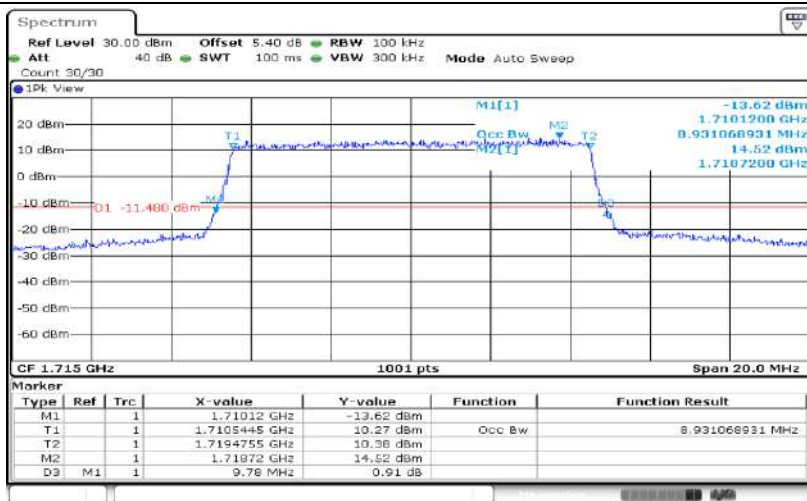
Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 6 NOV 2019 21:25:04

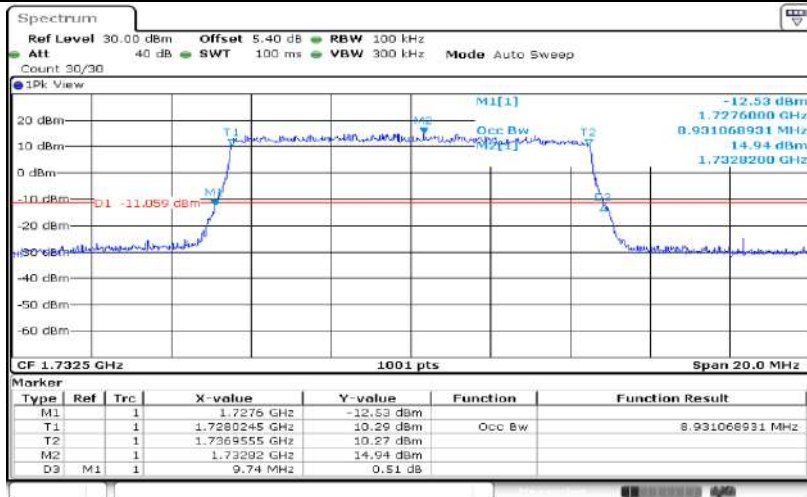
Band4-10MHz-QPSK-20000-50RB#0-8.931





Date: 6 NOV 2019 21:28:50

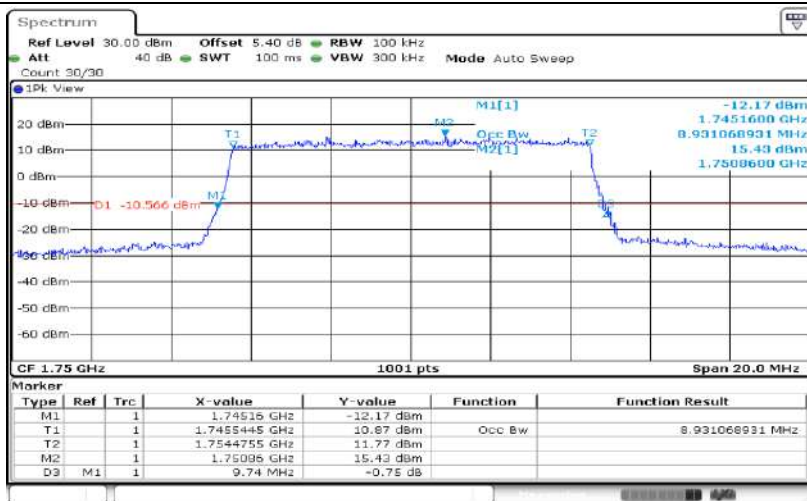
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Date: 6 NOV 2019 21:29:13

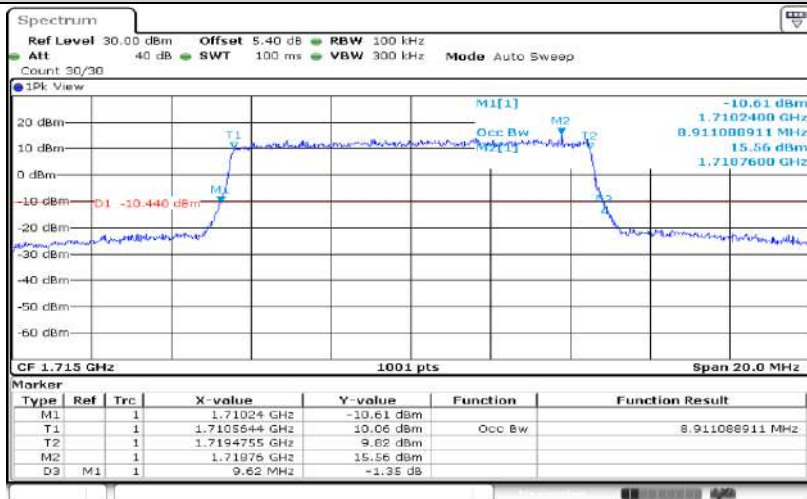
Band4-10MHz-QPSK-20350-50RB#0-8.931





Date: 6 NOV 2019 21:29:35

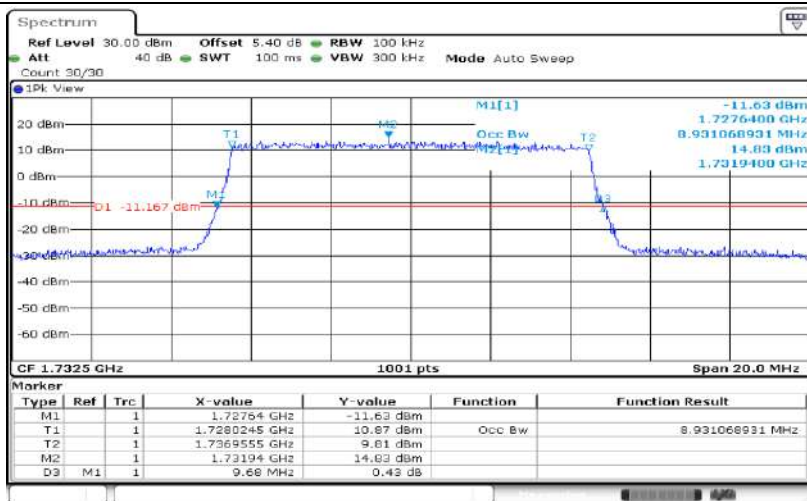
Band4-10MHz-16QAM-20000-50RB#0-8.911



Date: 6 NOV 2019 21:29:00

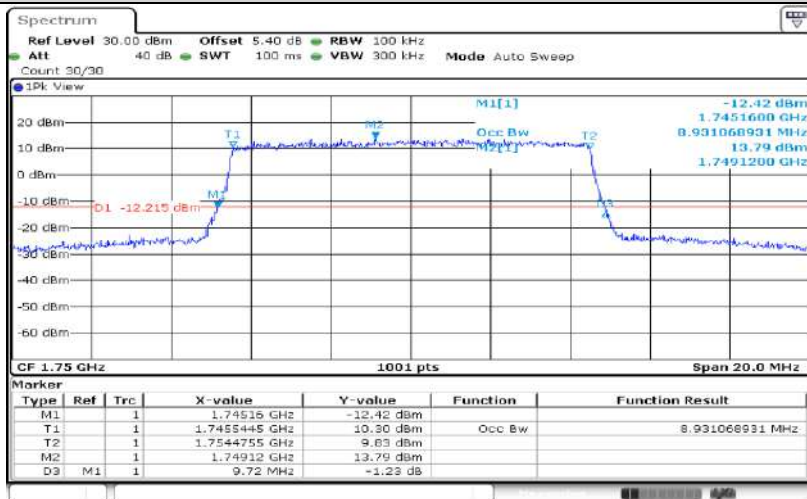
Band4-10MHz-16QAM-20175-50RB#0-8.931





Date: 6 NOV 2019 21:29:22

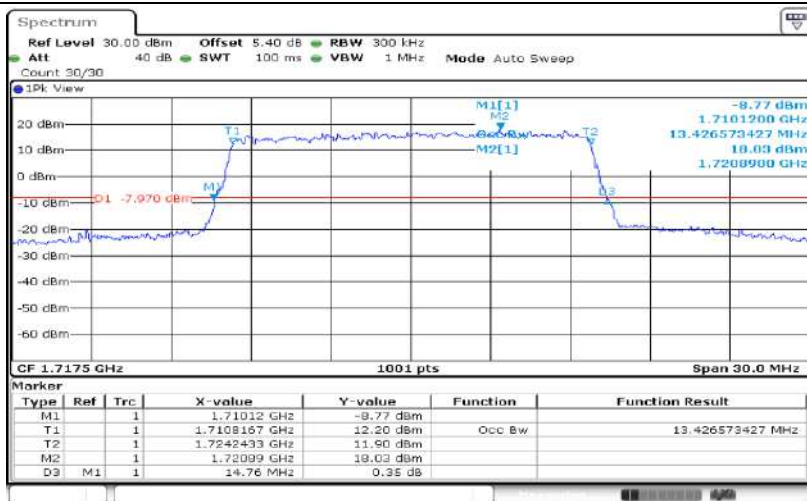
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Date: 6 NOV 2019 21:29:45

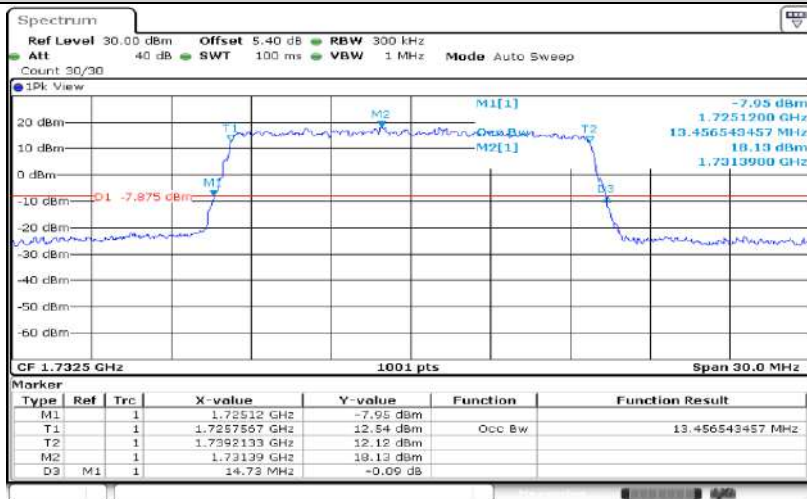
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Date: 6 NOV 2019 21:33:47

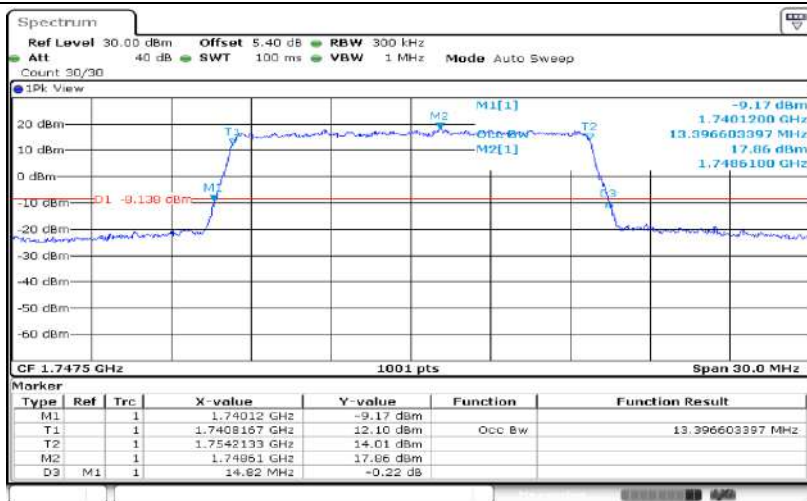
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Date: 6 NOV 2019 21:54:10

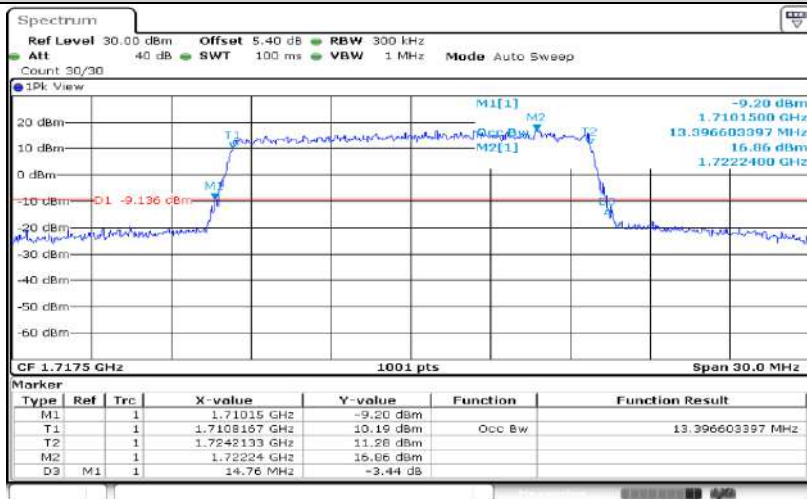
Band4-15MHz-QPSK-20325-75RB#0-13.397





Date: 6 NOV 2019 21:34:32

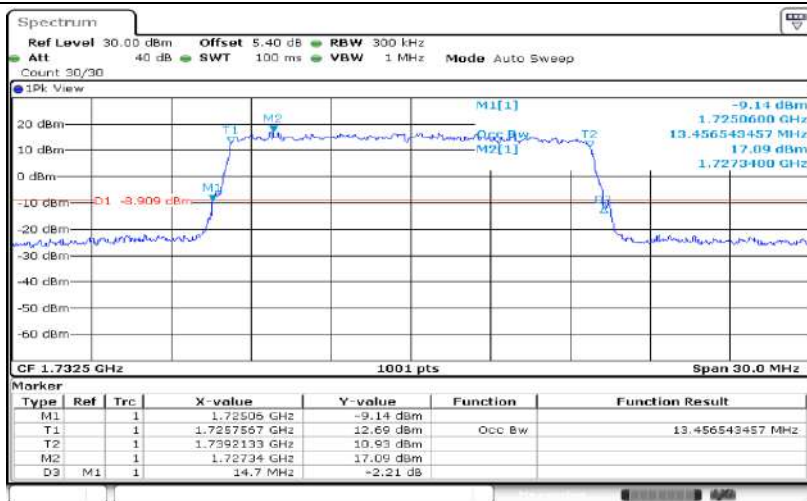
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Date: 6 NOV 2019 21:33:57

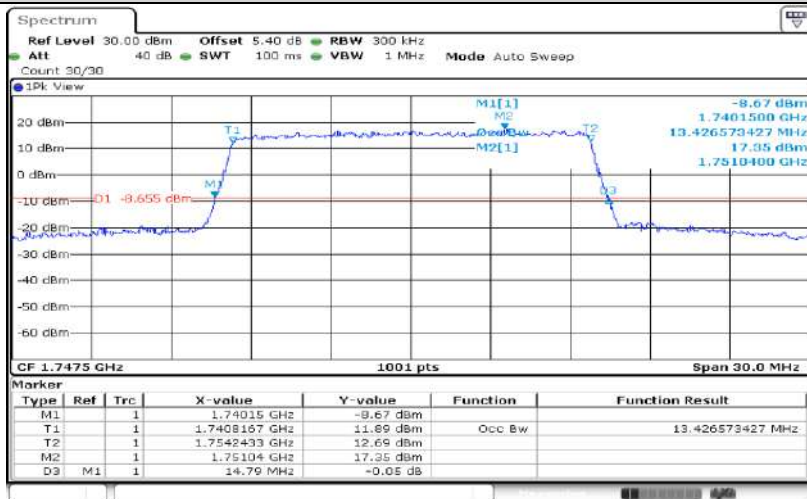
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Date: 6 NOV 2019 21:34:19

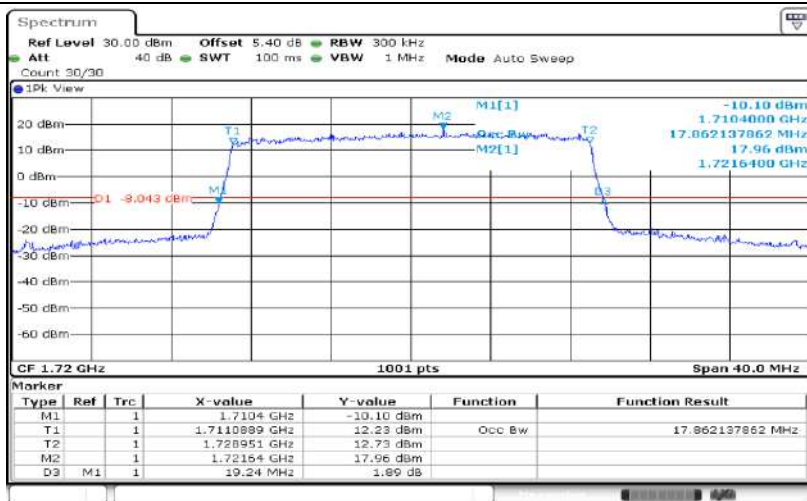
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Date: 6 NOV 2019 21:34:41

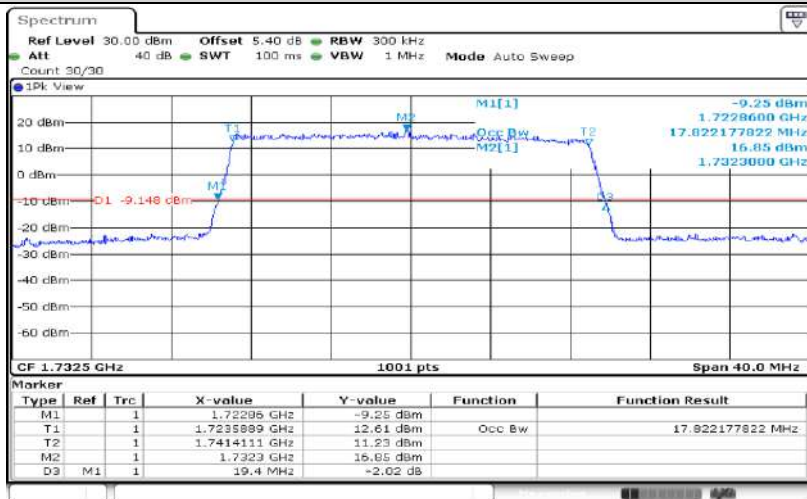
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Date: 6 NOV 2019 21:40:35

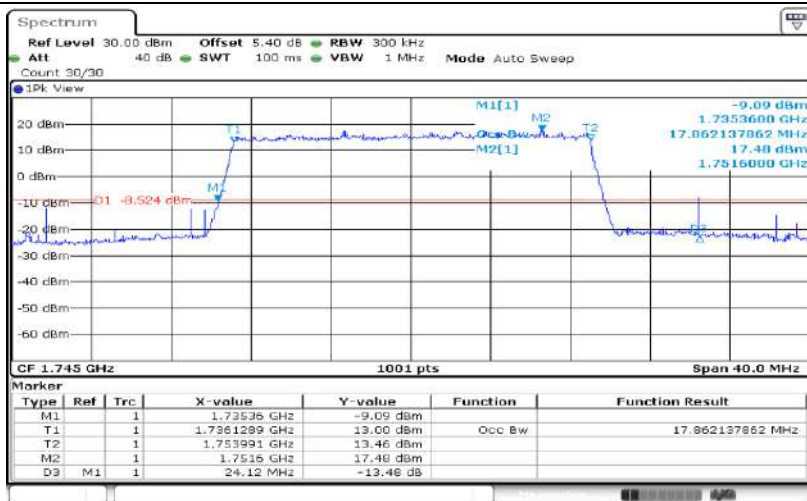
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Date: 6 NOV 2019 21:40:58

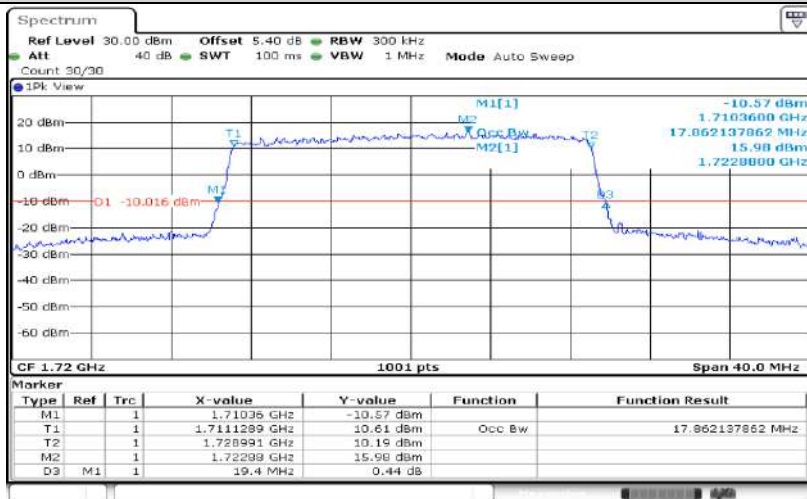
Band4-20MHz-QPSK-20300-100RB#0-17.862





Date: 6 NOV 2019 21:41:21

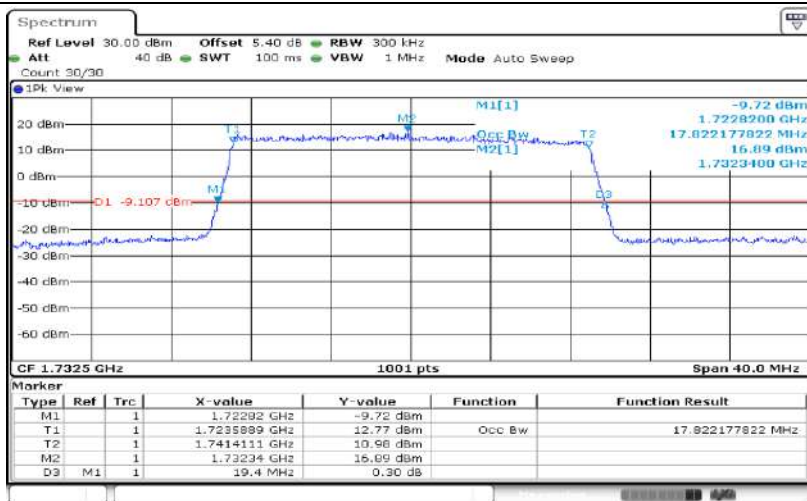
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Date: 6 NOV 2019 21:40:45

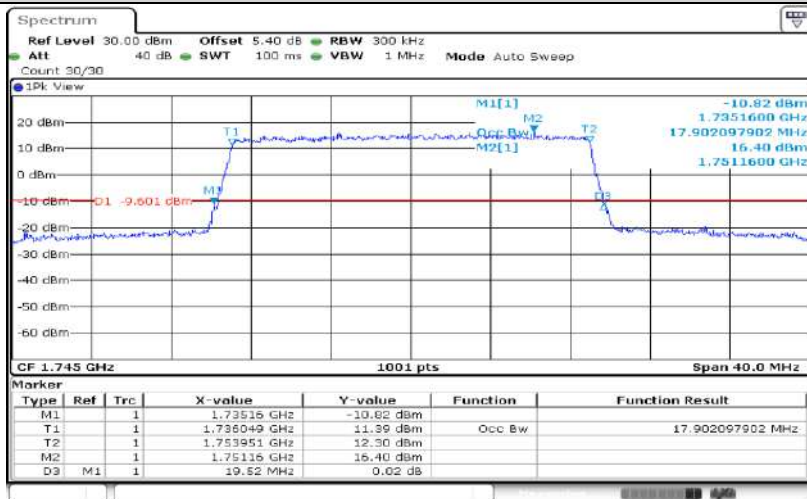
Band4-20MHz-16QAM-20175-100RB#0-17.822





Date: 6 NOV 2019 21:41:08

Band4-20MHz-16QAM-20300-100RB#0-17.902



Date: 6 NOV 2019 21:41:31



5. Band Edge Compliance

5.1. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0



Date: 6 NOV 2019 21:48:48

Band4-1.4MHz-QPSK-19957-6RB#0



Date: 6 NOV 2019 21:49:21

Band4-1.4MHz-QPSK-20393-1RB#5





Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



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Date: 6 NOV 2019 21:49:04

Band4-1.4MHz-16QAM-19957-6RB#0



Date: 6 NOV 2019 21:49:38

Band4-1.4MHz-16QAM-20393-1RB#5



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Date: 6 NOV 2019 21:47:52

Band4-1.4MHz-16QAM-20393-6RB#0



Date: 6 NOV 2019 21:48:26

Band4-3MHz-QPSK-19965-1RB#0





Date: 6 NOV 2019 21:20:01

Band4-3MHz-QPSK-19965-15RB#0



Date: 6 NOV 2019 21:20:35

Band4-3MHz-QPSK-20385-1RB#14





Date: 6 NOV 2019 21:21:14

Band4-3MHz-QPSK-20385-15RB#0



Date: 6 NOV 2019 21:21:48

Band4-3MHz-16QAM-19965-1RB#0





Band4-3MHz-16QAM-19965-15RB#0

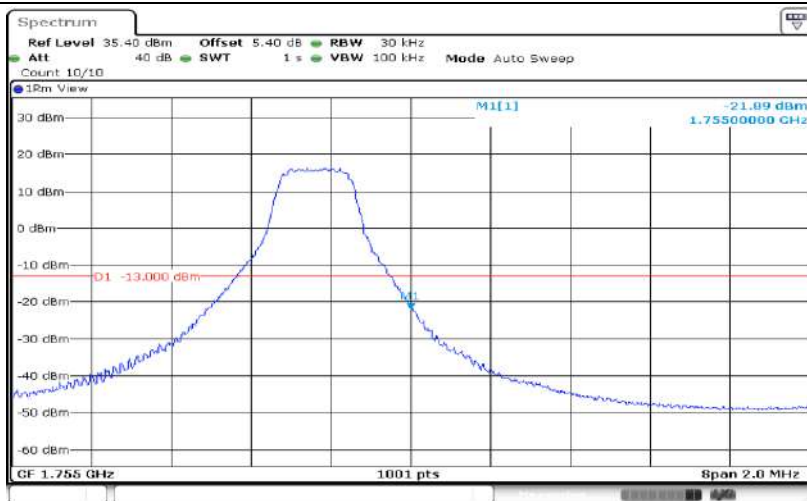


Band4-3MHz-16QAM-20385-1RB#14



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Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-1RB#0



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Date: 6 NOV 2019 21:25:26

Band4-5MHz-QPSK-19975-25RB#0



Date: 6 NOV 2019 21:25:59

Band4-5MHz-QPSK-20375-1RB#24

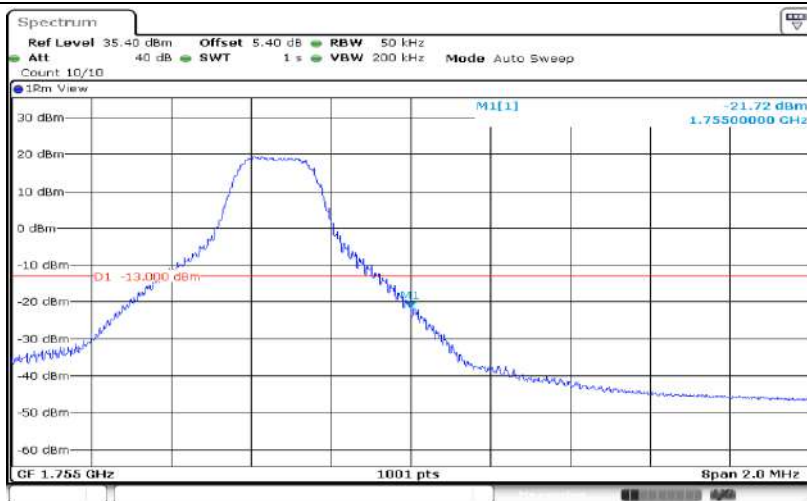


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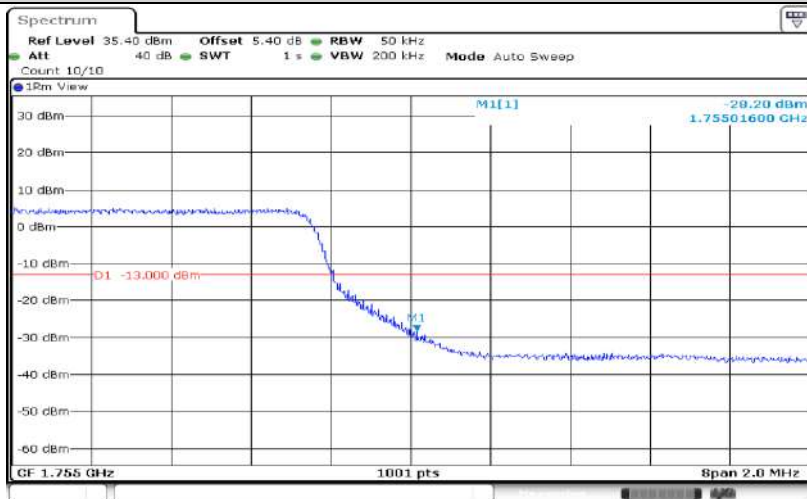
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Date: 6 NOV 2019 21:26:39

Band4-5MHz-QPSK-20375-25RB#0



Date: 6 NOV 2019 21:27:14

Band4-5MHz-16QAM-19975-1RB#0



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Date: 6 NOV 2019 21:25:42

Band4-5MHz-16QAM-19975-25RB#0



Date: 6 NOV 2019 21:26:16

Band4-5MHz-16QAM-20375-1RB#24



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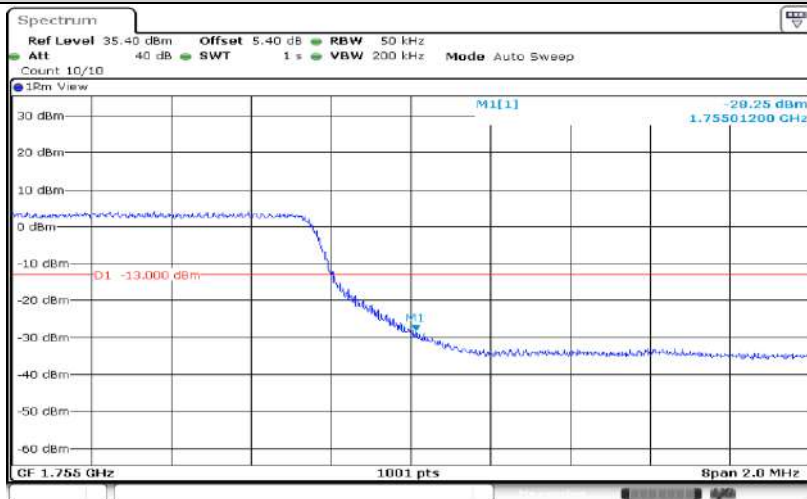
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Date: 6 NOV 2019 21:26:57

Band4-5MHz-16QAM-20375-25RB#0



Date: 6 NOV 2019 21:27:31

Band4-10MHz-QPSK-20000-1RB#0



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Date: 6 NOV 2019 21:30:06

Band4-10MHz-QPSK-20000-50RB#0



Date: 6 NOV 2019 21:30:41

Band4-10MHz-QPSK-20350-1RB#49

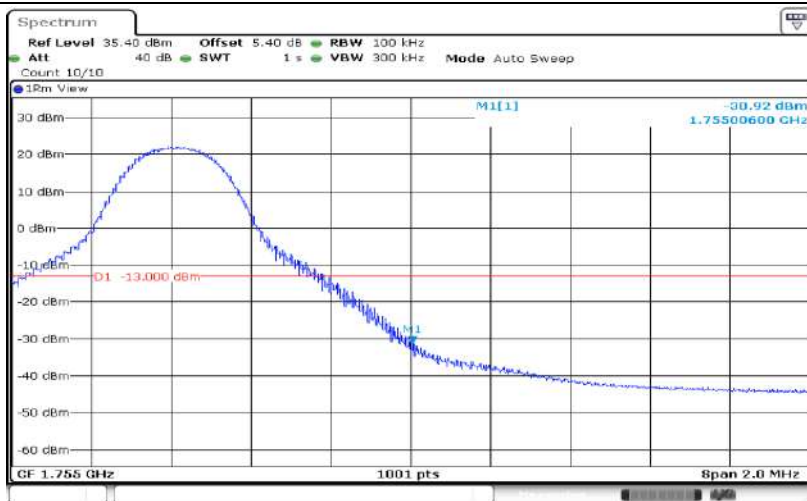


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Date: 6 NOV 2019 21:31:21

Band4-10MHz-QPSK-20350-50RB#0



Date: 6 NOV 2019 21:31:56

Band4-10MHz-16QAM-20000-1RB#0





Date: 6 NOV 2019 21:30:23

Band4-10MHz-16QAM-20000-50RB#0



Date: 6 NOV 2019 21:50:58

Band4-10MHz-16QAM-20350-1RB#49



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Date: 6 NOV 2019 21:31:38

Band4-10MHz-16QAM-20350-50RB#0



Date: 6 NOV 2019 21:32:13

Band4-15MHz-QPSK-20025-1RB#0



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Date: 6 NOV 2019 21:35:04

Band4-15MHz-QPSK-20025-75RB#0



Date: 6 NOV 2019 21:35:39

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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Date: 6 NOV 2019 21:35:21

Band4-15MHz-16QAM-20025-75RB#0



Date: 6 NOV 2019 21:35:56

Band4-15MHz-16QAM-20325-1RB#74





Date: 6 NOV 2019 21:36:37

Band4-15MHz-16QAM-20325-75RB#0



Date: 6 NOV 2019 21:37:12

Band4-20MHz-QPSK-20050-1RB#0





Date: 6 NOV 2019 21:39:31

Band4-20MHz-QPSK-20050-100RB#0



Date: 6 NOV 2019 21:40:07

Band4-20MHz-QPSK-20300-1RB#99



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Date: 6 NOV 2019 21:41:52

Band4-20MHz-QPSK-20300-100RB#0



Date: 6 NOV 2019 21:42:28

Band4-20MHz-16QAM-20050-1RB#0



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Date: 6 NOV 2019 21:39:49

Band4-20MHz-16QAM-20050-100RB#0



Date: 6 NOV 2019 21:40:25

Band4-20MHz-16QAM-20300-1RB#99





Date: 6 NOV 2019 21:42:10

Band4-20MHz-16QAM-20300-100RB#0



Date: 6 NOV 2019 21:42:46



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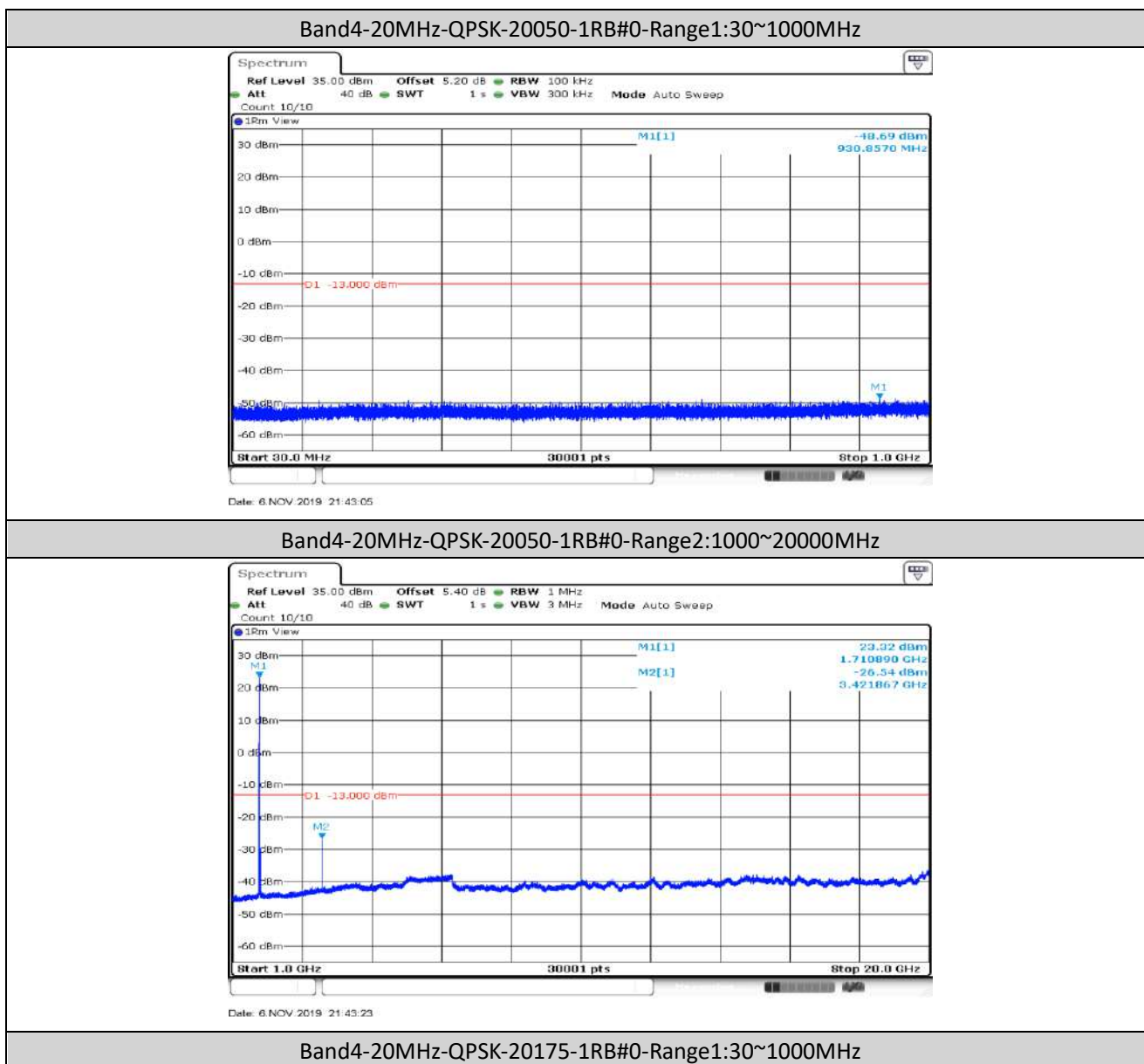
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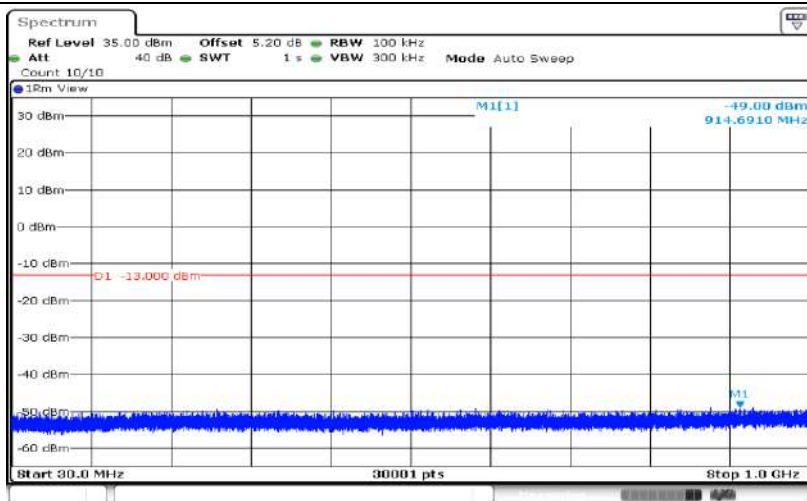
6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " 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.

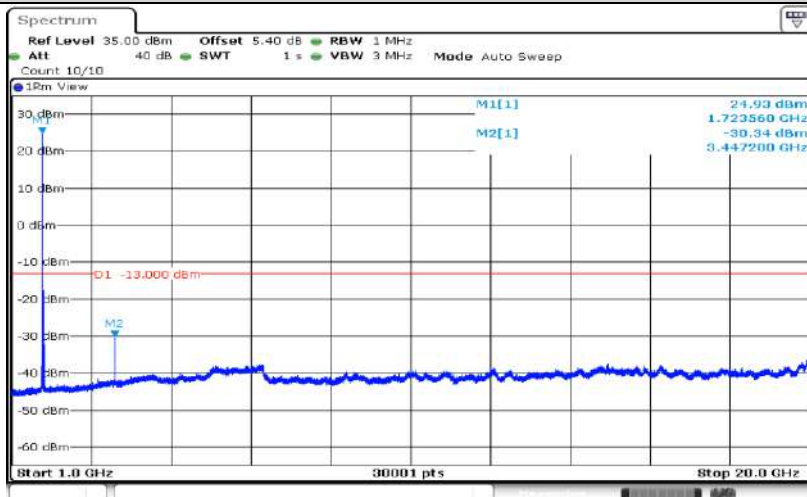
6.1. Test Plots





Date: 6 NOV 2019 21:44:16

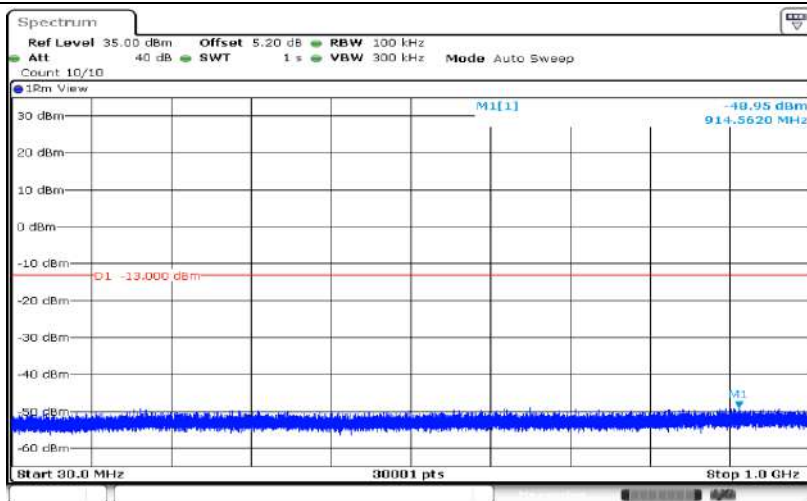
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 6 NOV 2019 21:44:32

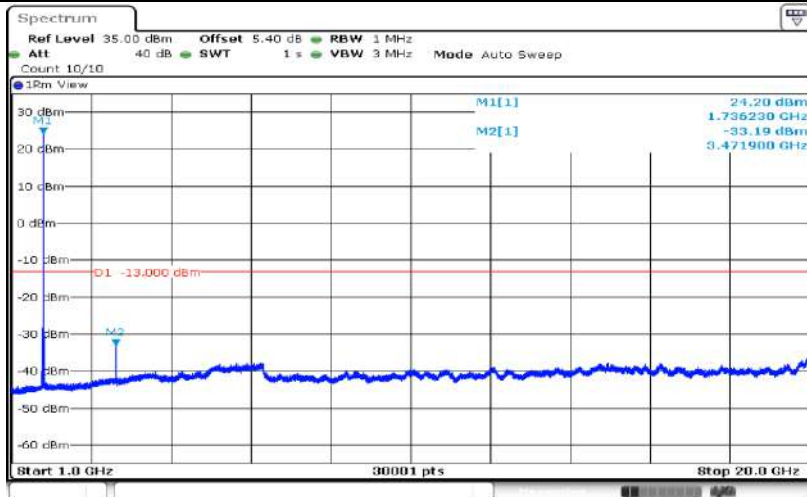
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz





Date: 6 NOV 2019 21:45:23

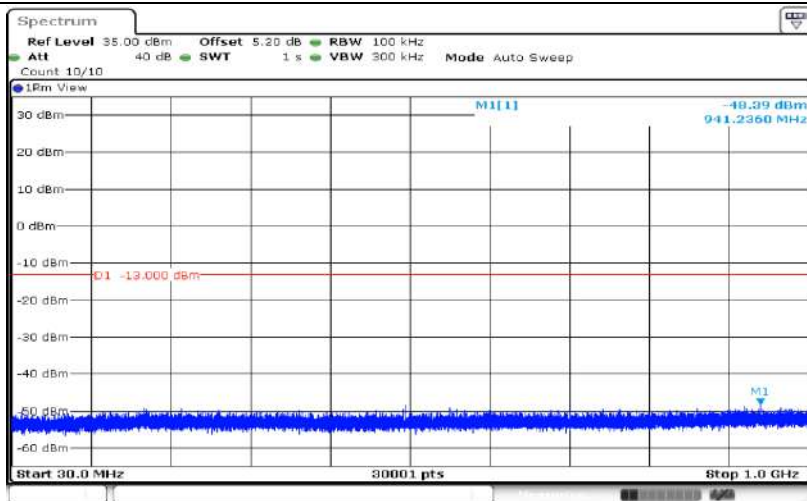
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 6 NOV 2019 21:45:39

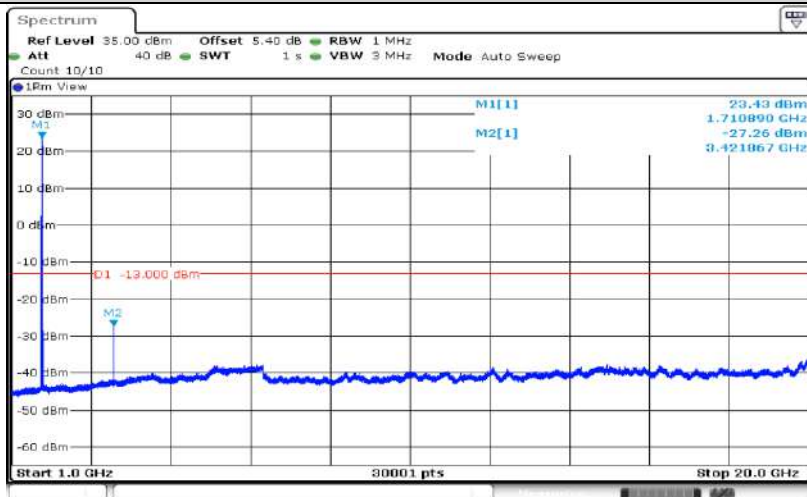
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz





Date: 6.NOV 2019 21:43:41

Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 6.NOV 2019 21:43:57

Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

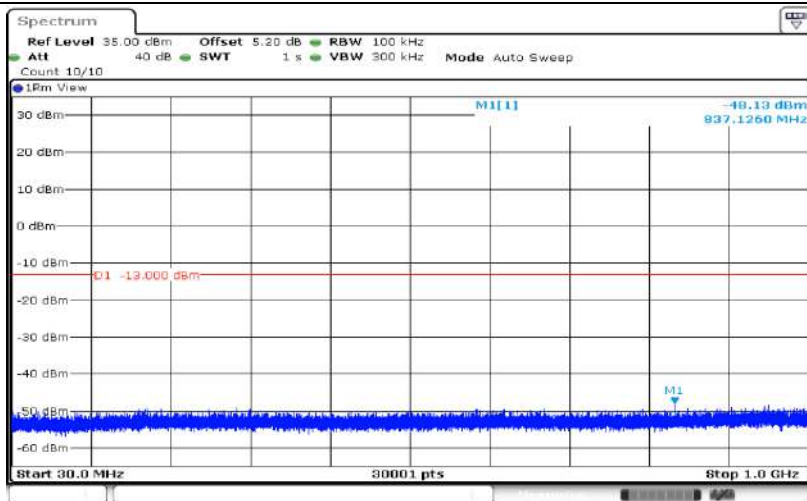


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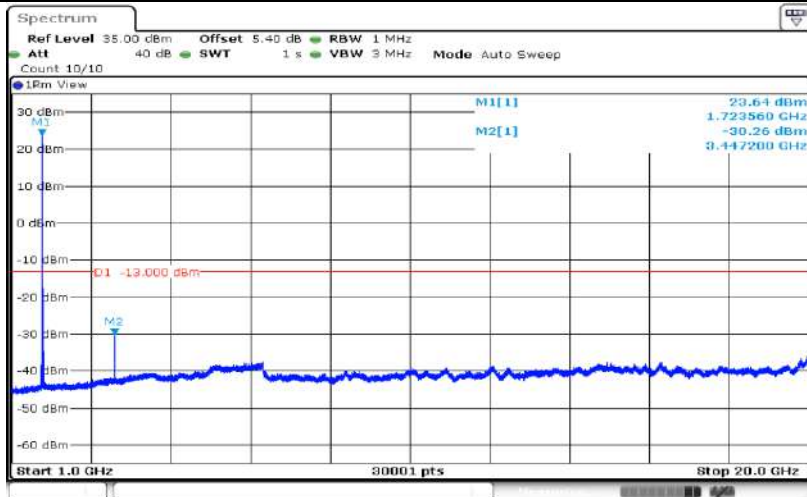
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Date: 6.NOV 2019 21:44:48

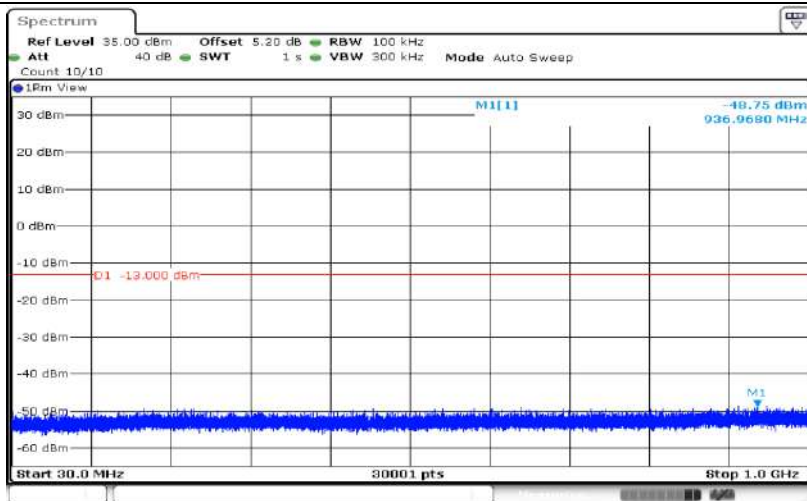
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Date: 6.NOV 2019 21:45:04

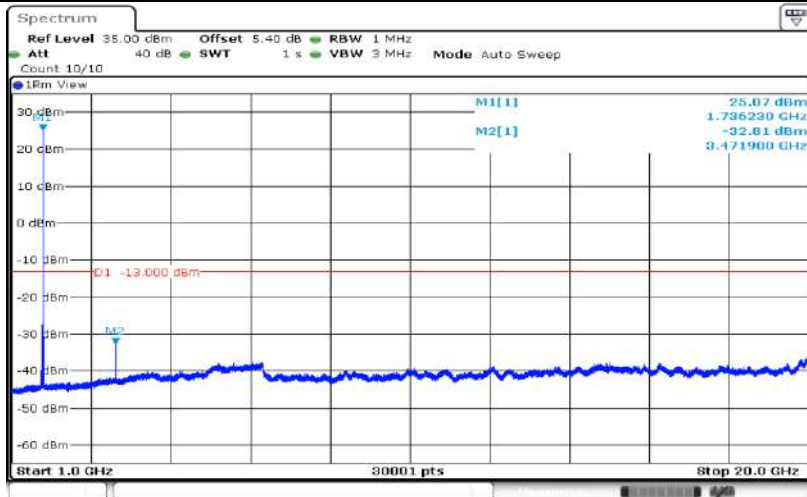
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Date: 6.NOV 2019 21:45:55

Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
32.4251	-70.41	-13.00	57.41	183	9	Vertical
109.9805	-64.44	-13.00	51.44	262	9	Vertical
941.8456	-60.37	-13.00	47.37	177	325	Vertical
2711.1422	-37.55	-13.00	24.55	252	360	Vertical
3422.0141	-36.30	-13.00	23.30	294	167	Vertical
17996.4999	-32.65	-13.00	19.65	221	262	Vertical
44.4537	-64.90	-13.00	51.90	196	168	Horizontal
237.3479	-68.30	-13.00	55.30	245	231	Horizontal
884.6612	-60.78	-13.00	47.78	175	168	Horizontal
2699.9400	-36.17	-13.00	23.17	133	168	Horizontal
3422.0141	-28.39	-13.00	15.39	274	168	Horizontal
16389.4463	-37.36	-13.00	24.36	155	325	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
32.1826	-69.60	-13.00	56.60	185	3	Vertical
111.4841	-64.59	-13.00	51.59	172	129	Vertical
898.8724	-53.68	-13.00	40.68	169	292	Vertical
2697.5395	-37.36	-13.00	24.36	233	125	Vertical
3447.5149	-41.83	-13.00	28.83	152	192	Vertical
17989.9997	-32.41	-13.00	19.41	278	260	Vertical
44.1142	-64.36	-13.00	51.36	135	9	Horizontal
245.6903	-68.81	-13.00	55.81	217	262	Horizontal
892.0821	-60.72	-13.00	47.72	126	72	Horizontal
2702.3405	-36.29	-13.00	23.29	198	73	Horizontal
3447.5149	-33.76	-13.00	20.76	211	167	Horizontal
16390.9464	-36.73	-13.00	23.73	187	41	Horizontal





7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
32.7161	-70.70	-13.00	57.70	132	200	Vertical
112.0176	-65.27	-13.00	52.27	187	11	Vertical
863.1747	-59.90	-13.00	46.90	189	74	Vertical
2699.1398	-37.44	-13.00	24.44	173	20	Vertical
3472.0157	-39.94	-13.00	26.94	217	168	Vertical
17995.4999	-33.18	-13.00	20.18	284	325	Vertical
39.4095	-63.54	-13.00	50.54	166	198	Horizontal
245.5933	-68.60	-13.00	55.60	172	9	Horizontal
980.5020	-58.34	-13.00	45.34	112	9	Horizontal
2701.9404	-36.25	-13.00	23.25	252	196	Horizontal
3472.0157	-31.76	-13.00	18.76	266	167	Horizontal
16399.9467	-37.09	-13.00	24.09	278	9	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 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 displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs 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	0.30	0.000174	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	2.70	0.001570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.80	0.000465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.10	0.000058	±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	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-4.00	-0.002292	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	2.60	0.001512	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	0.80	0.000465	±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	0.50	0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-1.60	-0.000917	±2.5	PASS

8.2. Frequency Vs 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	1.80	0.001047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	1.10	0.000640	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	1.90	0.001105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	3.30	0.001919	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	1.30	0.000756	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.10	0.000635	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-0.30	-0.000173	±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	1.10	0.000635	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.60	0.000346	±2.5	PASS





Band4	20MHz	QPSK	20175	100RB#0	NV	50	1.70	0.000981	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-3.90	-0.002235	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-3.40	-0.001948	±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	2.80	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	1.60	0.000930	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	1.40	0.000814	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	2.80	0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	1.30	0.000756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	1.70	0.000988	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	0.60	0.000349	±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	0.00	0.000000	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	0.30	0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	0.10	0.000058	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	1.20	0.000693	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.70	0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.30	0.000173	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-3.90	-0.002235	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.50	-0.002579	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-2.90	-0.001662	±2.5	PASS



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