



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	21.97	20.36	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.03	20.42	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.29	20.68	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.82	20.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.79	20.18	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.80	20.19	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.85	19.24	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.01	20.4	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.78	20.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.41	20.8	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.89	20.28	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.12	20.51	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.19	20.58	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.86	19.25	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.96	20.35	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.14	20.53	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.43	20.82	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.04	20.43	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.92	20.31	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.98	20.37	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.27	19.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.55	18.94	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.03	18.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.48	18.87	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	19.99	18.38	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	19.93	18.32	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	19.91	18.3	30.00	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	18.95	17.34	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.61	19	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.51	18.9	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.65	19.04	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.03	18.42	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.19	18.58	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.13	18.52	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.17	17.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.72	19.11	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.61	19	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.61	19	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.12	18.51	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	19.91	18.3	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.28	18.67	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.27	17.66	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.44	19.83	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.92	19.31	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.37	19.76	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.88	19.27	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.82	19.21	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.80	19.19	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.84	18.23	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.50	19.89	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.40	19.79	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.54	19.93	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.92	19.31	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.08	19.47	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.02	19.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.06	18.45	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.61	20	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.50	19.89	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.50	19.89	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.01	19.4	30.00	PASS



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Band4	1.4MHz	16QAM	20393	3RB#1	20.80	19.19	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.17	19.56	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.16	18.55	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.09	20.48	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.83	20.22	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.27	20.66	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.96	19.35	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.72	19.11	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.90	19.29	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.84	19.23	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.19	20.58	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.81	20.2	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.53	20.92	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.05	19.44	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.13	19.52	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.26	19.65	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.96	19.35	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.04	20.43	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.27	20.66	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.45	20.84	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.10	19.49	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.92	19.31	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.07	19.46	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.35	19.74	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.79	19.18	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.36	18.75	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.82	19.21	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.30	17.69	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.31	17.7	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.25	17.64	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.13	17.52	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.65	19.04	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.70	19.09	30.00	PASS



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Band4	3MHz	64QAM	20175	1RB#8	20.72	19.11	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	19.48	17.87	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.39	17.78	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.47	17.86	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.39	17.78	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.71	19.1	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.75	19.14	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.79	19.18	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.31	17.7	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.37	17.76	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.52	17.91	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.50	17.89	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.51	19.9	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.98	19.37	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.42	19.81	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.98	18.37	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.91	18.3	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	19.88	18.27	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.00	18.39	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.61	20	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.39	19.78	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.51	19.9	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.01	18.4	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.07	18.46	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.00	18.39	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.11	18.5	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.68	20.07	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.61	20	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.56	19.95	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.09	18.48	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.96	18.35	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.23	18.62	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.32	18.71	30.00	PASS



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Band4	5MHz	QPSK	19975	1RB#12	22.16	20.55	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.89	20.28	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.30	20.69	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	20.96	19.35	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	20.91	19.3	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	20.80	19.19	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.91	19.3	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.28	20.67	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.80	20.19	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.56	20.95	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.04	19.43	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.08	19.47	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.24	19.63	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.04	19.43	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.18	20.57	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.39	20.78	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.56	20.95	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.21	19.6	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.96	19.35	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.09	19.48	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.48	19.87	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.62	19.01	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.09	18.48	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.53	18.92	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.09	17.48	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.02	17.41	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	18.99	17.38	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.11	17.5	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.72	19.11	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.50	18.89	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.62	19.01	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	19.12	17.51	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.18	17.57	30.00	PASS





Band4	5MHz	64QAM	20175	12RB#13	19.11	17.5	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.22	17.61	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.79	19.18	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.72	19.11	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.67	19.06	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.20	17.59	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.07	17.46	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.34	17.73	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.43	17.82	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.56	19.95	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.17	19.56	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.58	19.97	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.02	18.41	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	19.90	18.29	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	19.93	18.32	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.99	18.38	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.65	20.04	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.50	19.89	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.58	19.97	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.04	18.43	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.15	18.54	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.10	18.49	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.16	18.55	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.75	20.14	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.67	20.06	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.68	20.07	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.14	18.53	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.02	18.41	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.23	18.62	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.37	18.76	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.18	20.57	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.90	20.29	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.26	20.65	30.00	PASS



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Band4	10MHz	QPSK	20000	25RB#0	20.94	19.33	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.85	19.24	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	20.75	19.14	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.94	19.33	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.24	20.63	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.85	20.24	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.53	20.92	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.08	19.47	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.09	19.48	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.28	19.67	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.07	19.46	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.10	20.49	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.39	20.78	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.45	20.84	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.22	19.61	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.01	19.4	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.23	19.62	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.40	19.79	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.67	19.06	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.28	18.67	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.69	19.08	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.13	17.52	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.01	17.4	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.04	17.43	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.10	17.49	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.76	19.15	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.61	19	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.69	19.08	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.15	17.54	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.26	17.65	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.21	17.6	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.27	17.66	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.86	19.25	30.00	PASS





Band4	10MHz	64QAM	20350	1RB#24	20.78	19.17	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.79	19.18	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.25	17.64	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.13	17.52	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.34	17.73	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.48	17.87	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.48	19.87	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.05	19.44	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.63	20.02	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.04	18.43	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	19.95	18.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	19.95	18.34	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	19.94	18.33	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.66	20.05	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.48	19.87	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.56	19.95	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.09	18.48	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.20	18.59	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.12	18.51	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.20	18.59	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.65	20.04	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.63	20.02	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.72	20.11	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.08	18.47	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.07	18.46	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.29	18.68	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.31	18.7	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.26	20.65	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.97	20.36	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.27	20.66	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.00	19.39	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	20.84	19.23	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	20.90	19.29	30.00	PASS



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Band4	15MHz	QPSK	20025	75RB#0	21.03	19.42	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.31	20.7	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.84	20.23	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.43	20.82	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.27	19.66	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.16	19.55	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.33	19.72	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.21	19.6	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.19	20.58	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.46	20.85	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.51	20.9	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.28	19.67	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.11	19.5	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.23	19.62	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.44	19.83	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.59	18.98	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.16	18.55	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.74	19.13	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.15	17.54	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.06	17.45	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.06	17.45	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.05	17.44	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.77	19.16	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.59	18.98	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.67	19.06	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	19.20	17.59	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.31	17.7	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.23	17.62	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.31	17.7	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.76	19.15	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.74	19.13	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.83	19.22	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.19	17.58	30.00	PASS



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Band4	15MHz	64QAM	20325	36RB#18	19.18	17.57	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.40	17.79	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.42	17.81	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.52	19.91	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.25	19.64	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.61	20	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	19.99	18.38	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.00	18.39	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.10	18.49	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.93	18.32	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.70	20.09	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.46	19.85	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.57	19.96	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.20	18.59	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.17	18.56	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.25	18.64	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.28	18.67	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.60	19.99	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.56	19.95	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.66	20.05	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.20	18.59	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.11	18.5	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.37	18.76	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.34	18.73	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.27	20.66	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.04	20.43	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.41	20.8	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.97	19.36	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.99	19.38	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.96	19.35	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.11	19.5	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.36	20.75	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.94	20.33	30.00	PASS





Band4	20MHz	QPSK	20175	1RB#0	22.61	21	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.37	19.76	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.15	19.54	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.36	19.75	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.27	19.66	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.21	20.6	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.49	20.88	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.54	20.93	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.31	19.7	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.18	19.57	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.27	19.66	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.52	19.91	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.63	19.02	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.36	18.75	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.72	19.11	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.10	17.49	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.11	17.5	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.21	17.6	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.04	17.43	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.81	19.2	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.57	18.96	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.68	19.07	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.31	17.7	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.28	17.67	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.36	17.75	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.39	17.78	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.71	19.1	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.67	19.06	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.77	19.16	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.31	17.7	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.22	17.61	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.48	17.87	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.45	17.84	30.00	PASS





Band4	20MHz	16QAM	20050	1RB#99	21.68	20.07	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.25	19.64	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.71	20.1	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.19	18.58	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.20	18.59	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.14	18.53	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.02	18.41	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.54	19.93	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.59	19.98	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.61	20	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.37	18.76	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.28	18.67	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.36	18.75	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.28	18.67	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.60	19.99	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.64	20.03	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.68	20.07	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.20	18.59	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.26	18.65	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.41	18.8	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.39	18.78	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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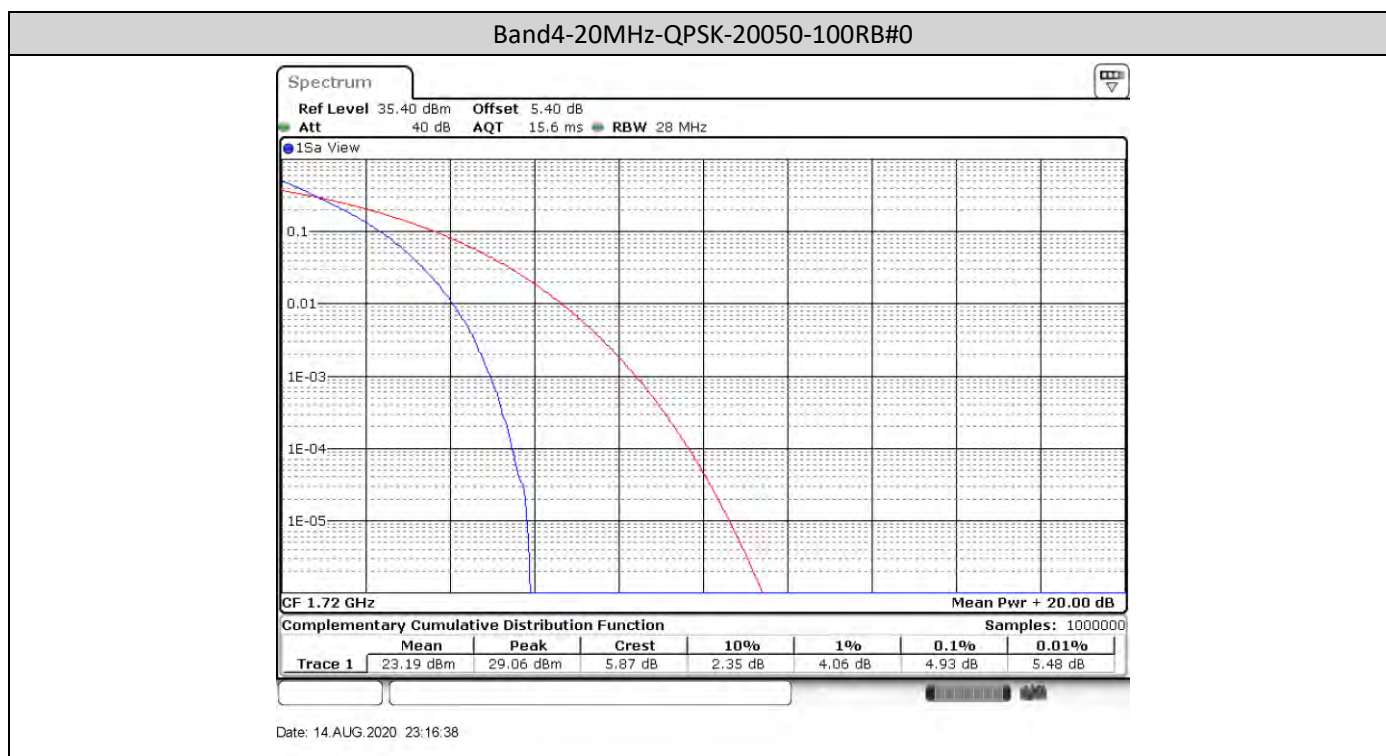


2. Peak-to-Average Ratio (CCDF)

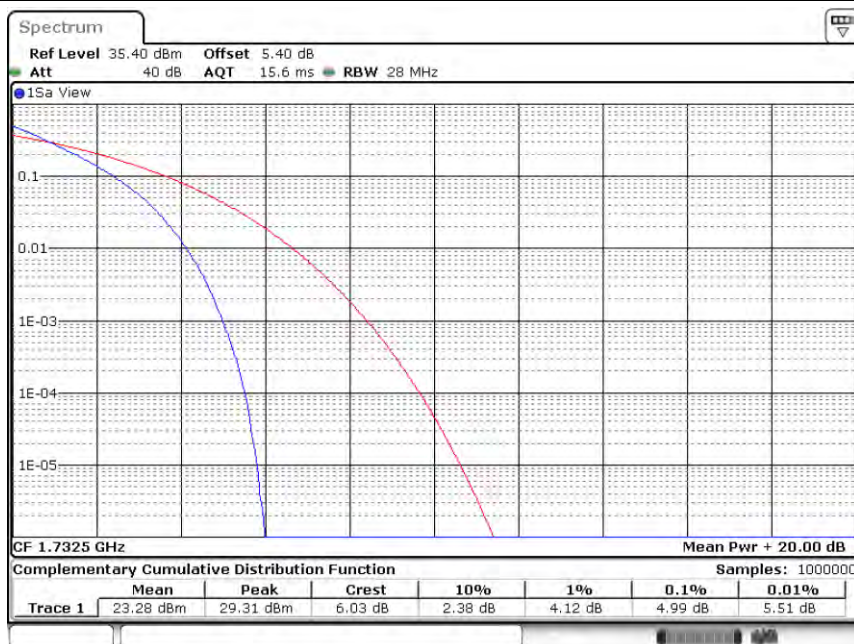
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.99	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.87	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.12	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.23	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.14	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.74	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.83	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.74	13	PASS

2.2. Test Plots



Band4-20MHz-QPSK-20175-100RB#0



Date: 14 AUG 2020 23:17:01

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



Date: 14 AUG 2020 23:17:24



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Band4-20MHz-64QAM-20050-100RB#0



Date: 15.AUG.2020 02:02:58

Band4-20MHz-64QAM-20175-100RB#0



Date: 15.AUG.2020 02:03:10



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Band4-20MHz-64QAM-20300-100RB#0



Date: 15.AUG.2020 02:03:21

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



Date: 14.AUG.2020 23:16:49



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



Date: 14 AUG 2020 23:17:12

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



Date: 14 AUG 2020 23:17:35



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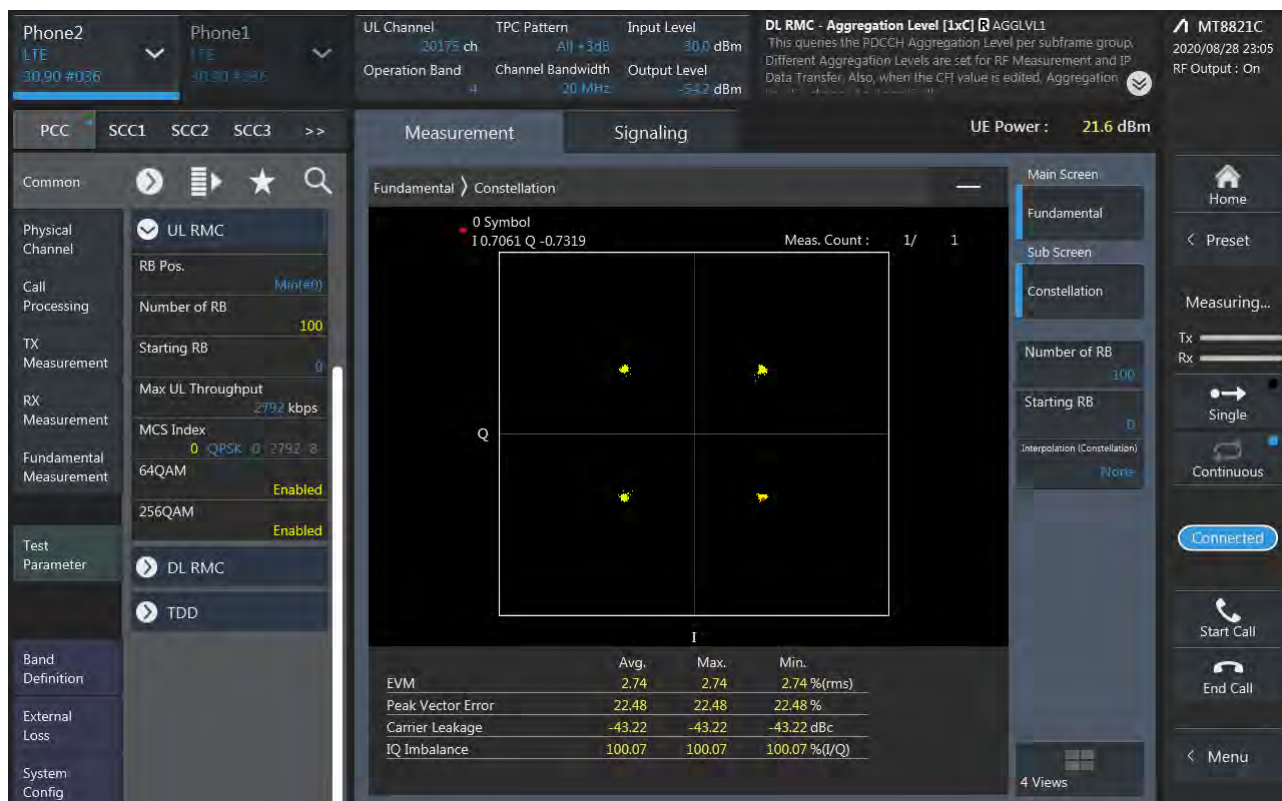
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

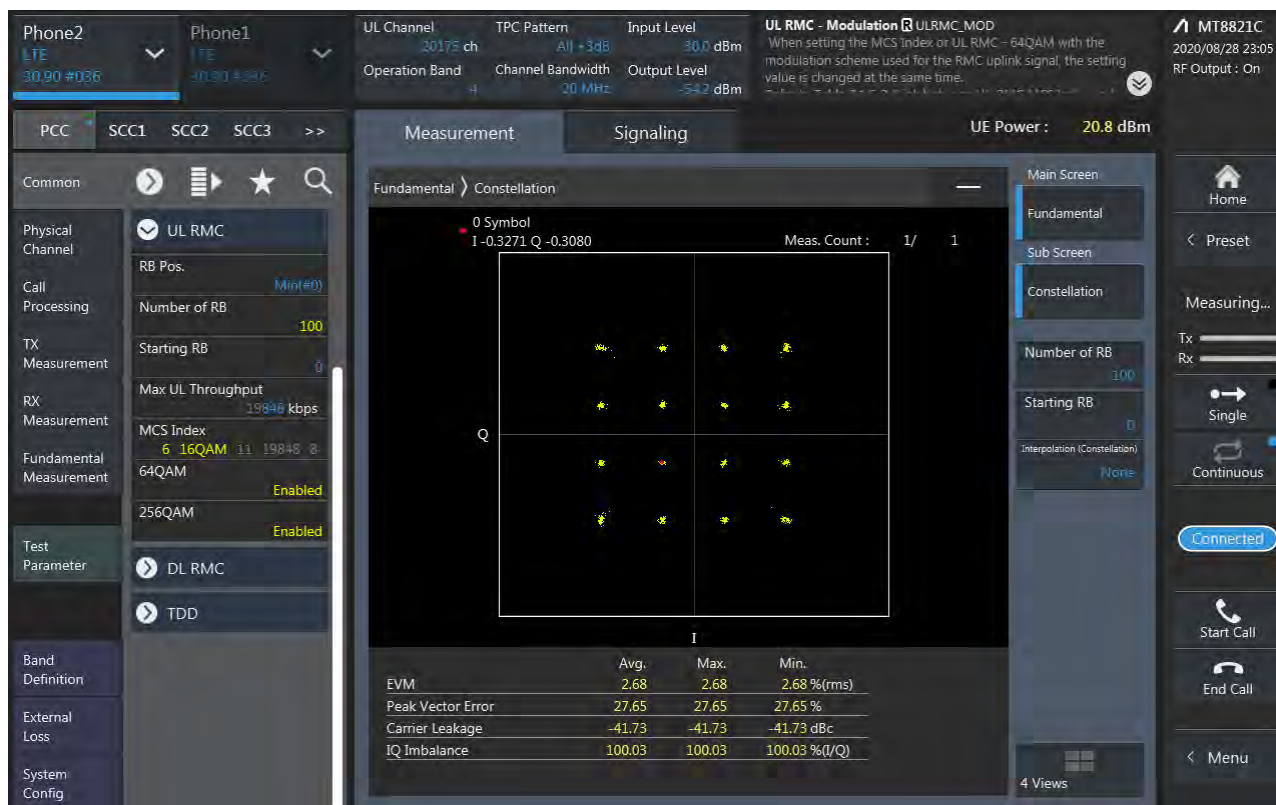
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

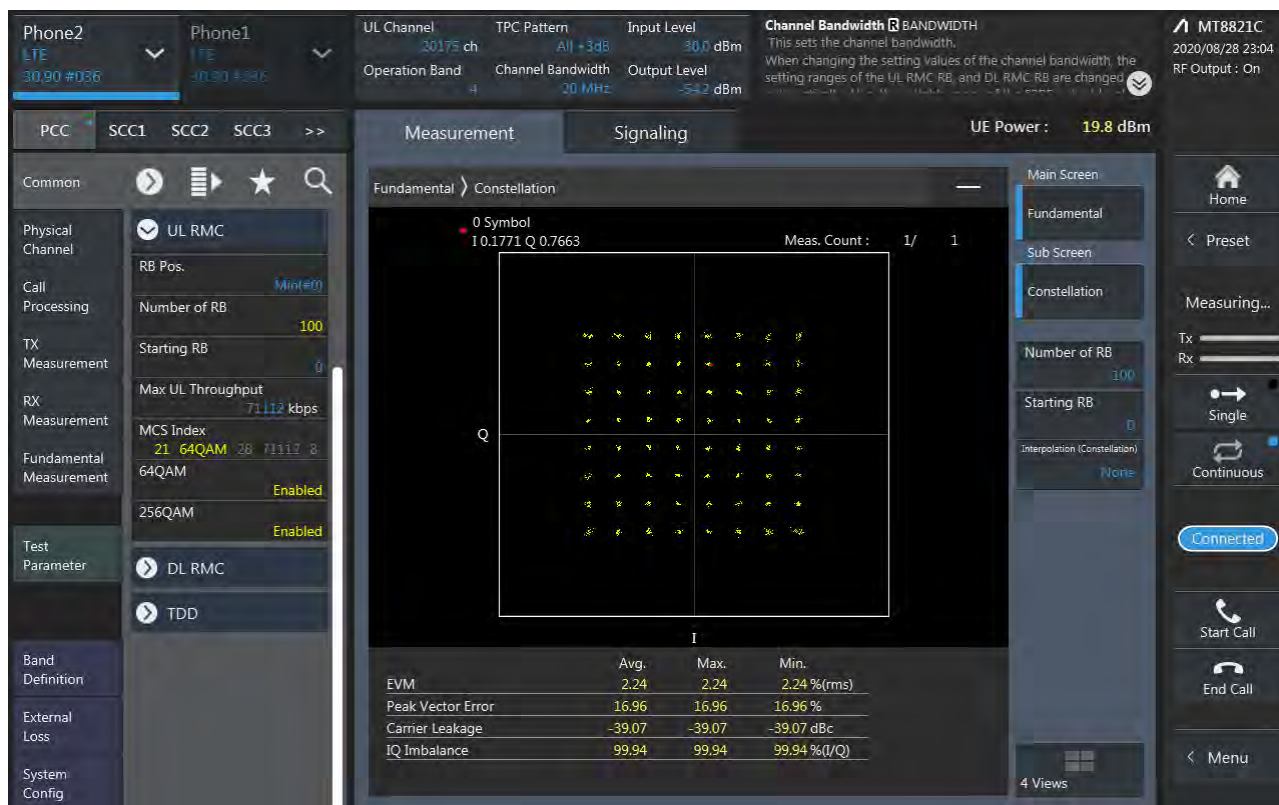
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. 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	1.094	1.299	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.085	1.287	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1	1.293	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.094	1.272	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.097	1.287	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.085	1.281	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.287	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.000	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	2.976	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	2.976	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.697	2.982	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.970	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.964	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.970	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.920	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.940	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.920	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.940	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.920	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.960	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.970	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.960	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.720	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.700	PASS



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Band4	10MHz	64QAM	20175	50RB#0	8.911	9.680	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.680	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.780	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.760	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.760	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.790	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.820	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.427	14.730	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.427	14.820	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.457	14.790	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.760	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.820	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.850	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.520	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.480	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.440	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.520	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.480	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.400	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.480	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.440	PASS



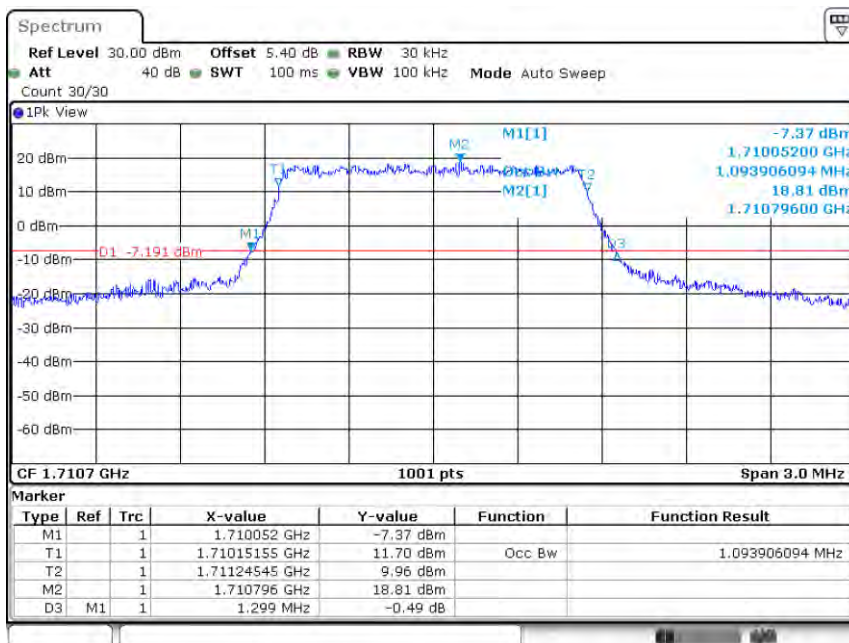
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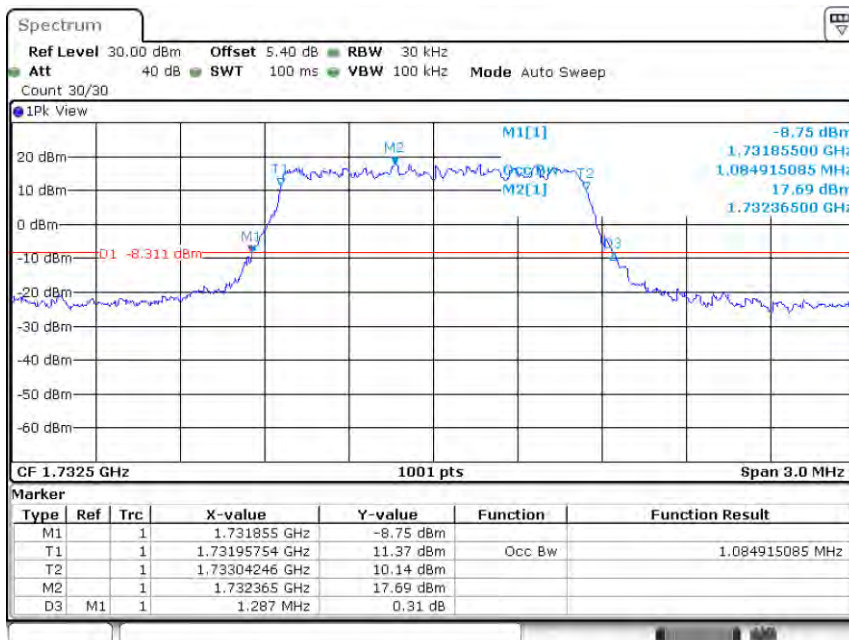
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.094



Date: 14.AUG.2020 22:46:18

Band4-1.4MHz-QPSK-20175-6RB#0-1.085



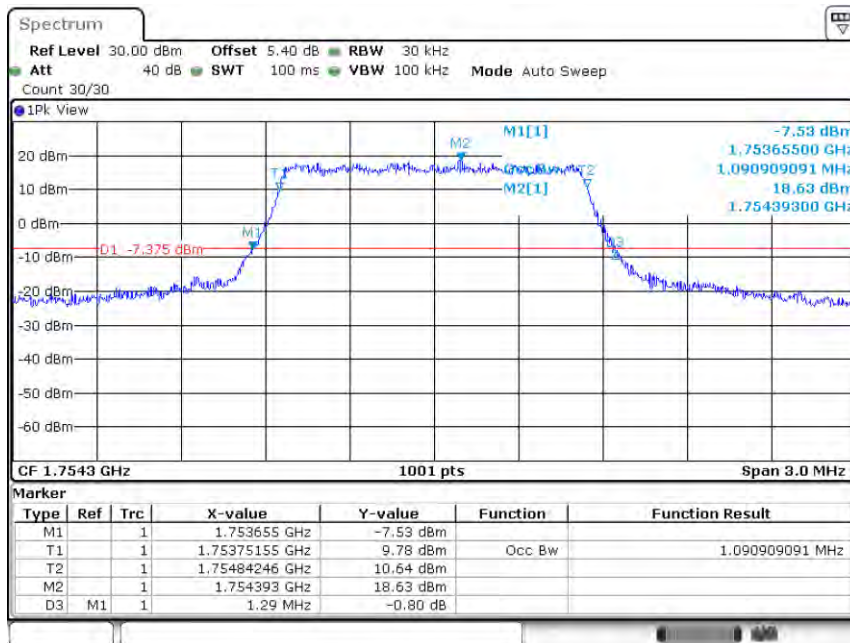
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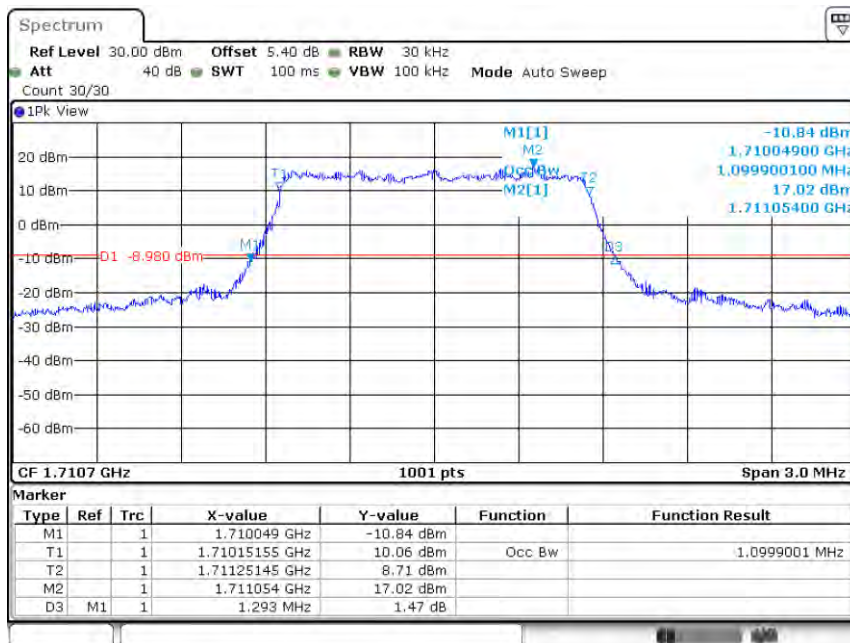
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Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 14.AUG.2020 22:47:10

Band4-1.4MHz-64QAM-19957-6RB#0-1.1



Date: 15.AUG.2020 01:46:39

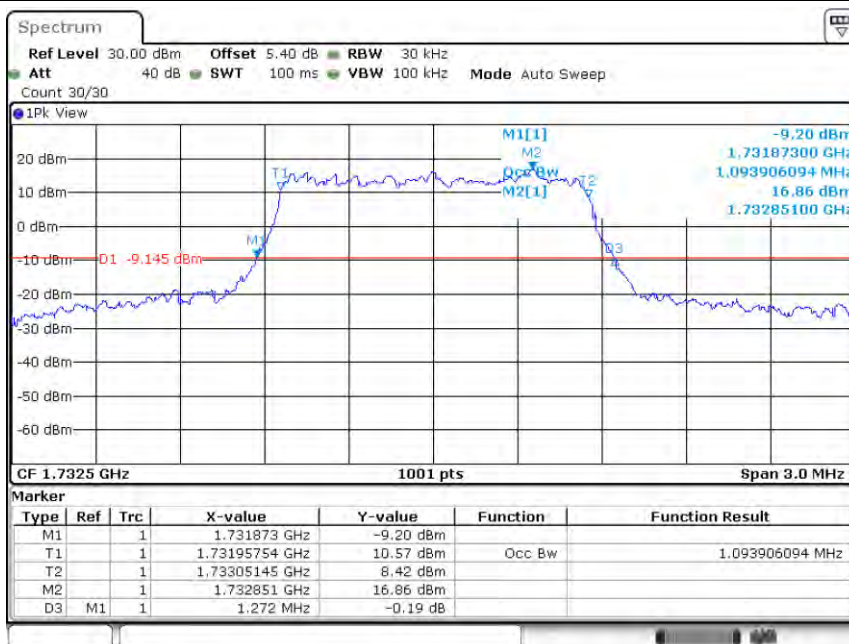


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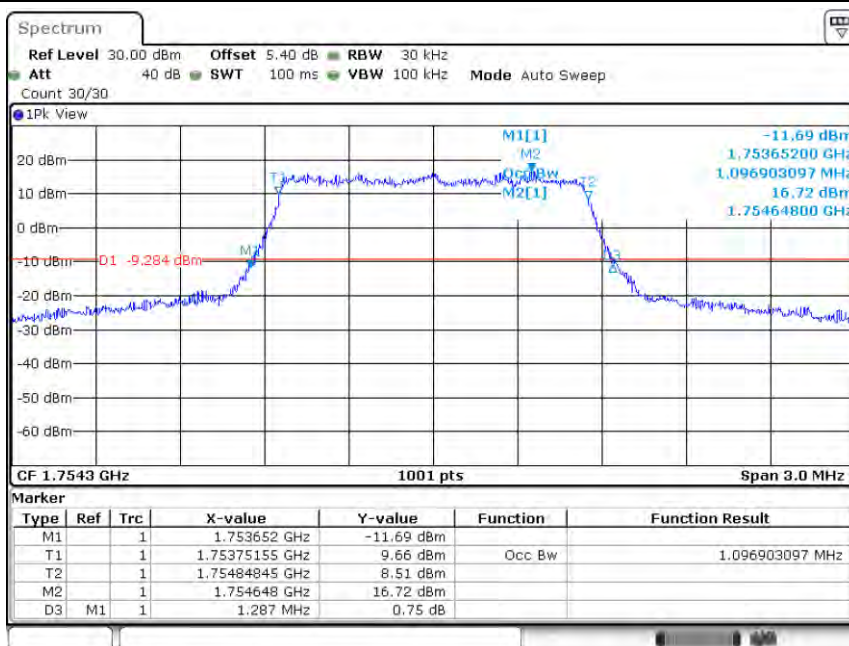
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Band4-1.4MHz-64QAM-20175-6RB#0-1.094



Date: 15.AUG.2020 01:46:52

Band4-1.4MHz-64QAM-20393-6RB#0-1.097



Date: 15.AUG.2020 01:47:05

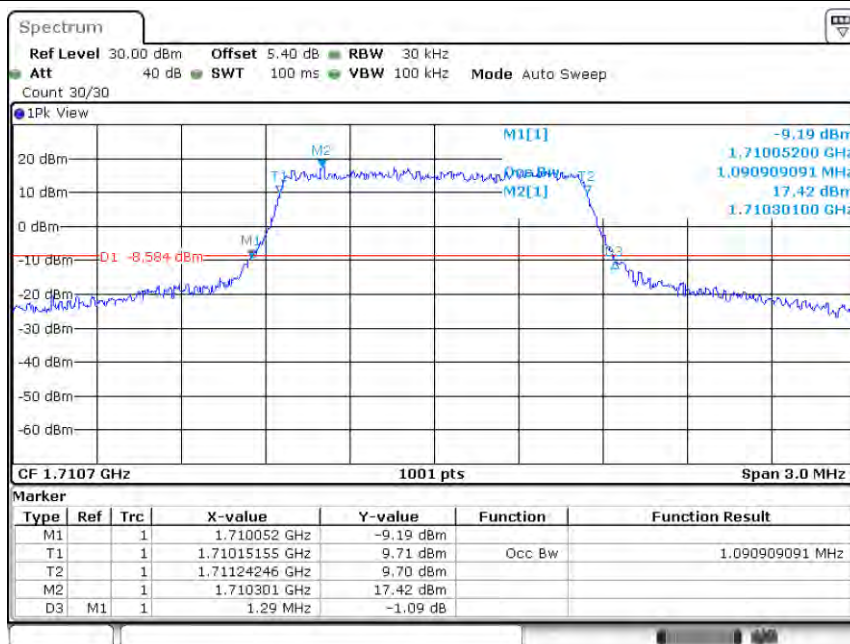


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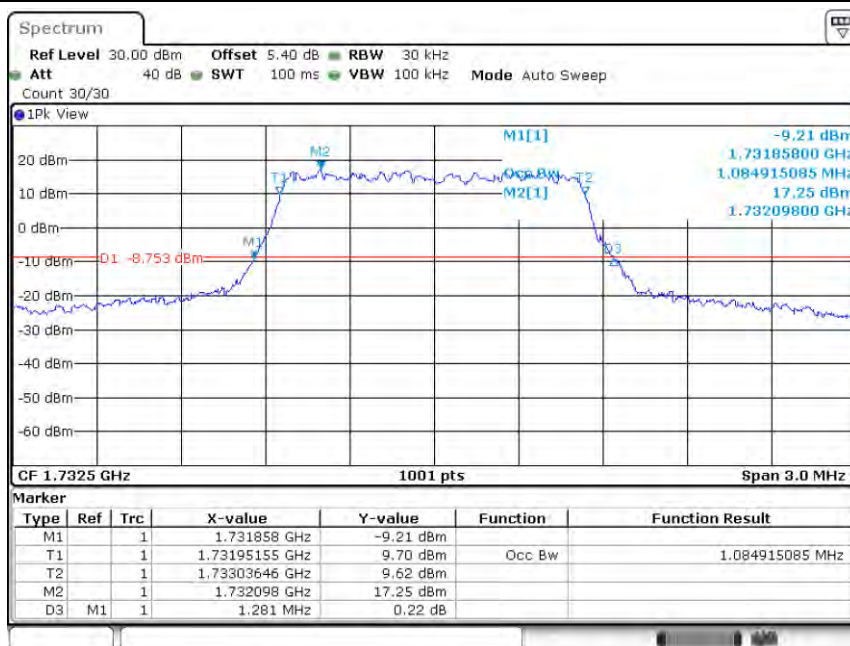


Band4-1.4MHz-16QAM-19957-6RB#0-1.091



Date: 14.AUG.2020 22:46:31

Band4-1.4MHz-16QAM-20175-6RB#0-1.085



Date: 14.AUG.2020 22:46:57

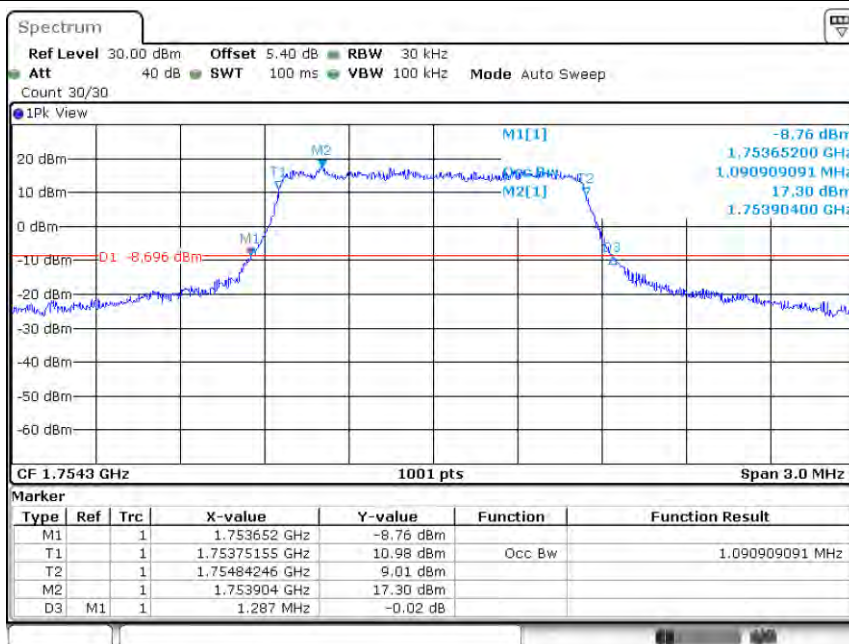


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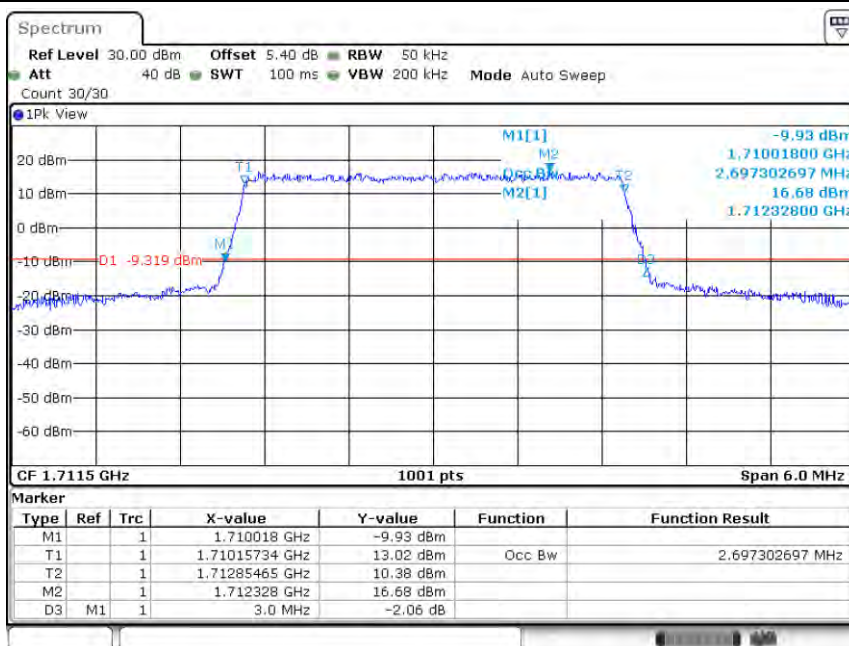


Band4-1.4MHz-16QAM-20393-6RB#0-1.091



Date: 14.AUG.2020 22:47:23

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



Date: 14.AUG.2020 22:47:42



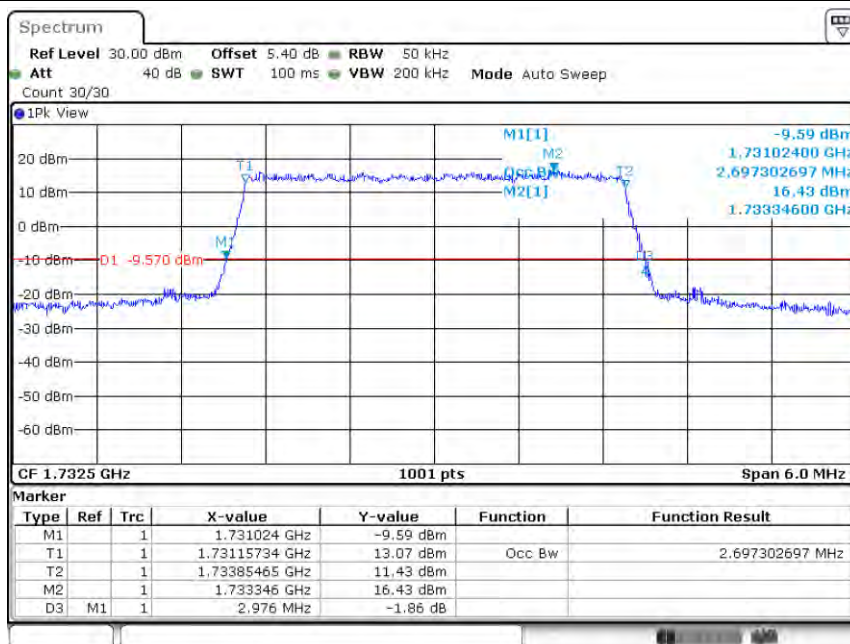
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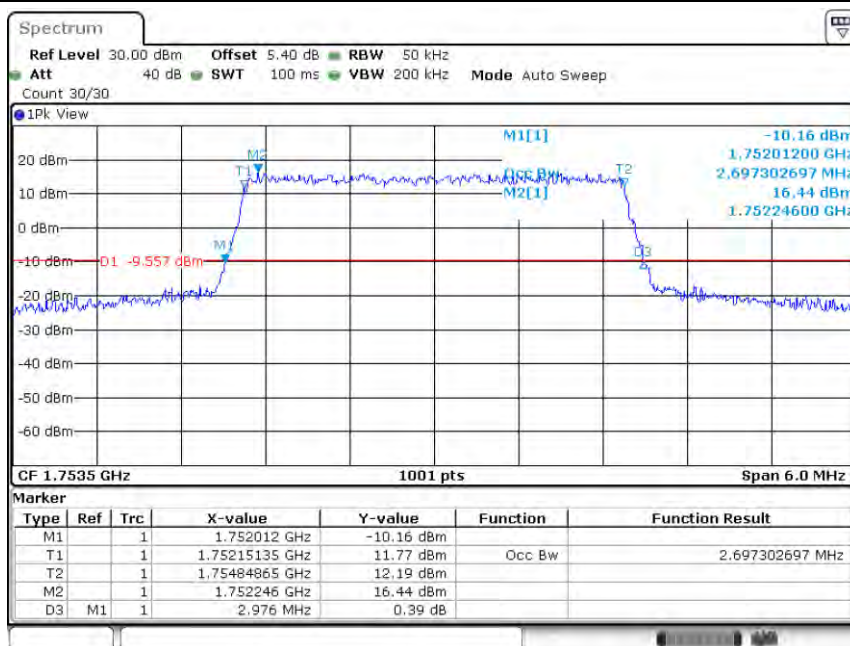


Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 14.AUG.2020 22:48:08

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



Date: 14.AUG.2020 22:48:34

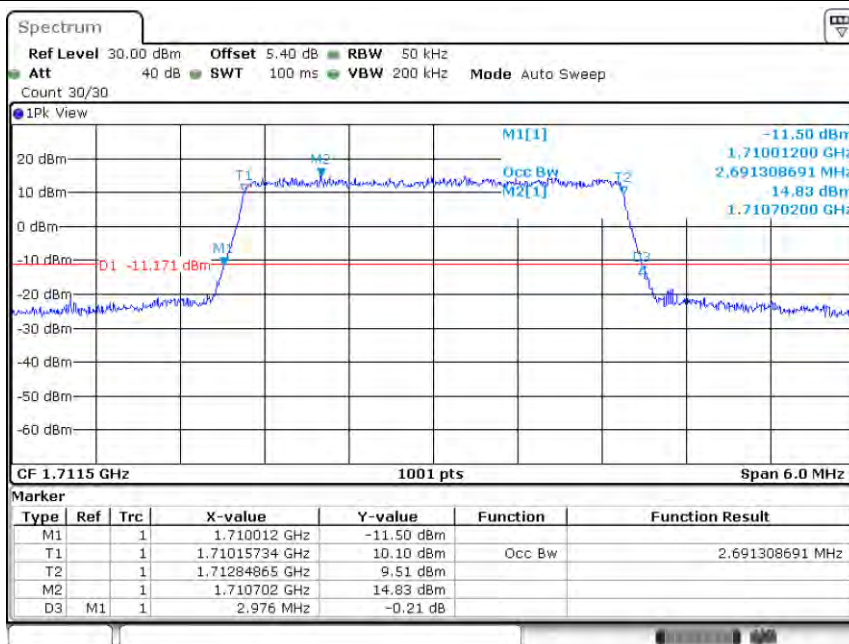


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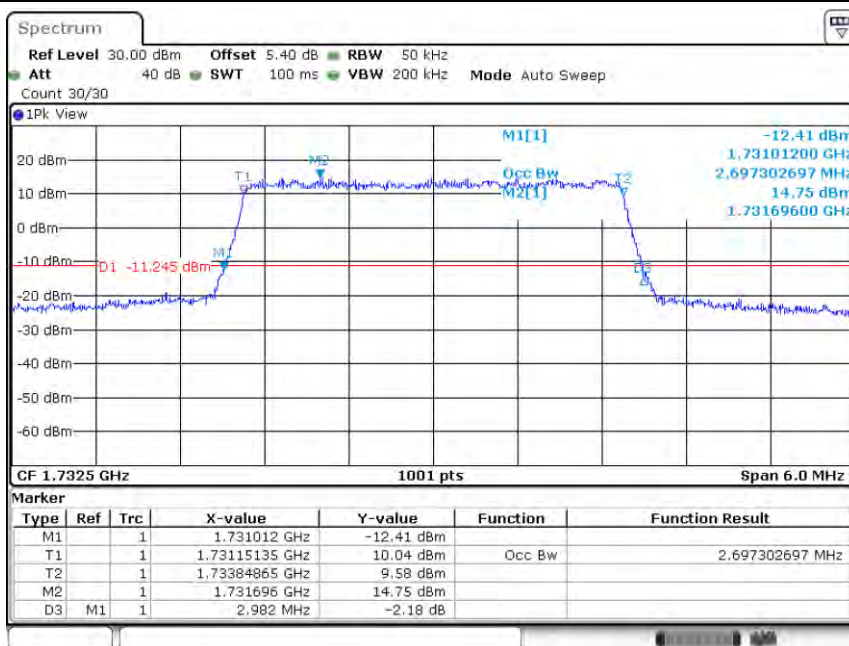


Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 15.AUG.2020 01:47:25

Band4-3MHz-64QAM-20175-15RB#0-2.697



Date: 15.AUG.2020 01:47:38

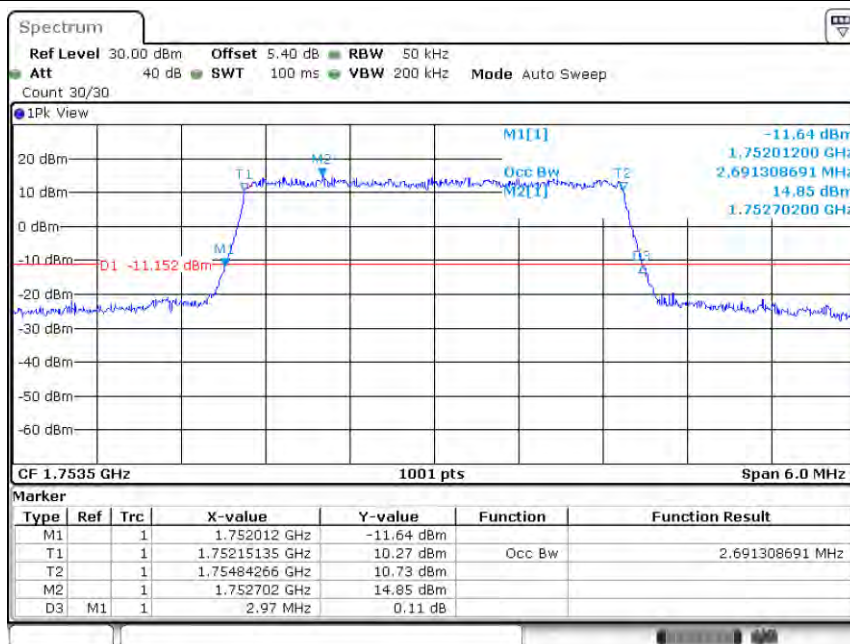


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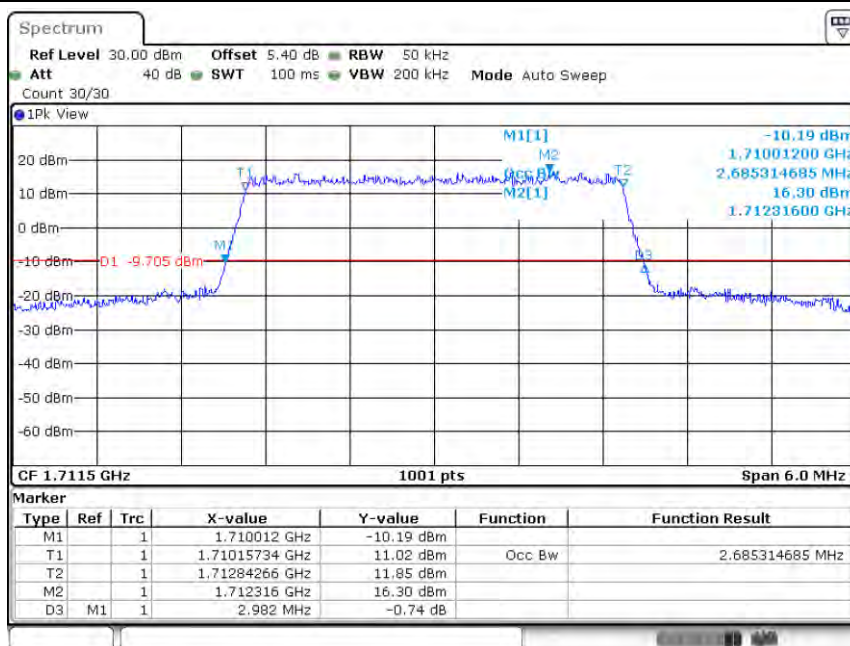


Band4-3MHz-64QAM-20385-15RB#0-2.691



Date: 15.AUG.2020 01:47:51

Band4-3MHz-16QAM-19965-15RB#0-2.685



Date: 14.AUG.2020 22:47:55

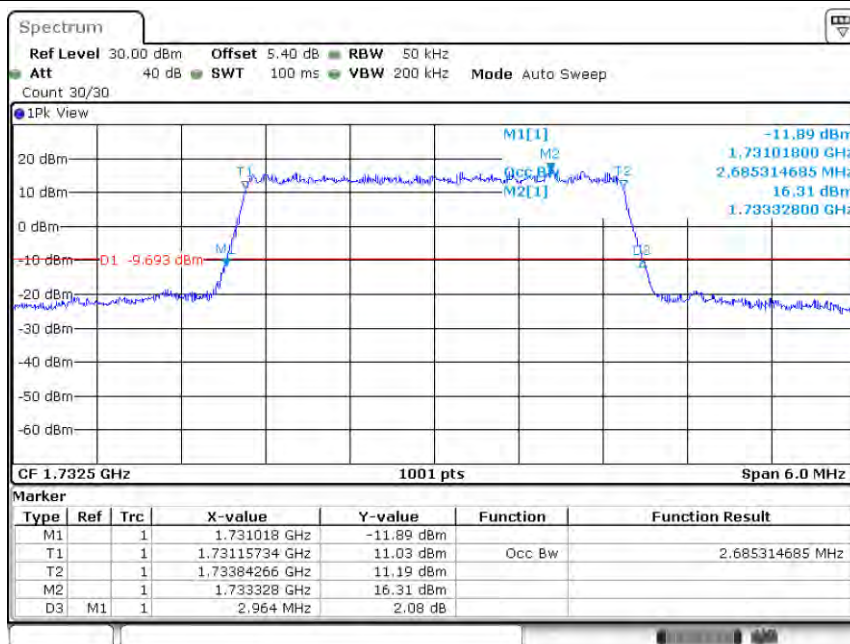


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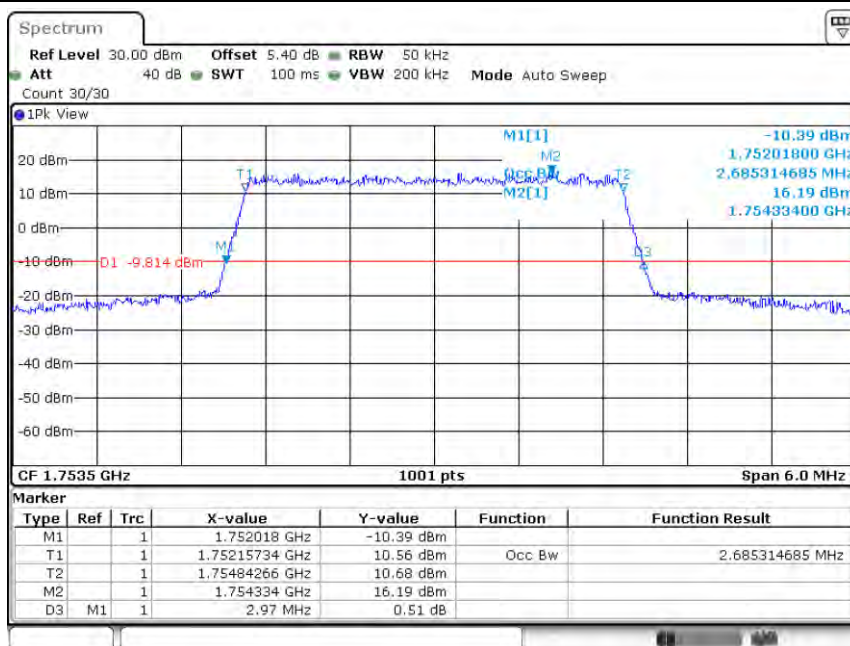


Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 14.AUG.2020 22:48:21

Band4-3MHz-16QAM-20385-15RB#0-2.685



Date: 14.AUG.2020 22:48:47

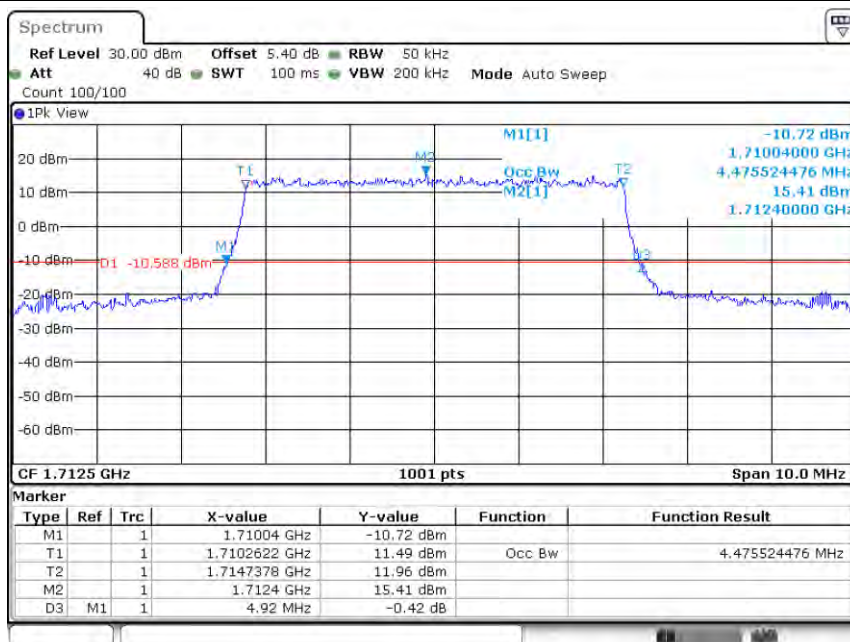


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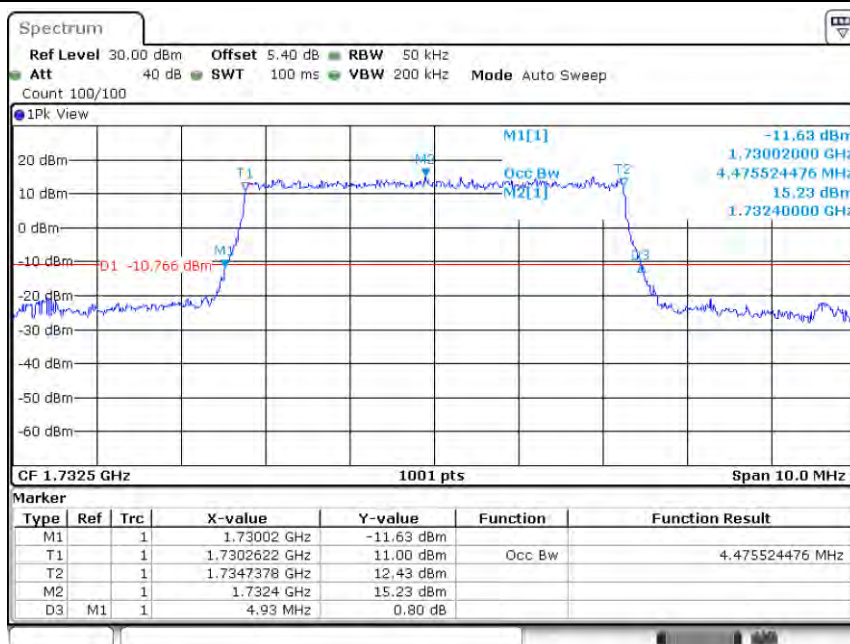


Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 14.AUG.2020 22:49:13

Band4-5MHz-QPSK-20175-25RB#0-4.476



Date: 14.AUG.2020 22:49:53

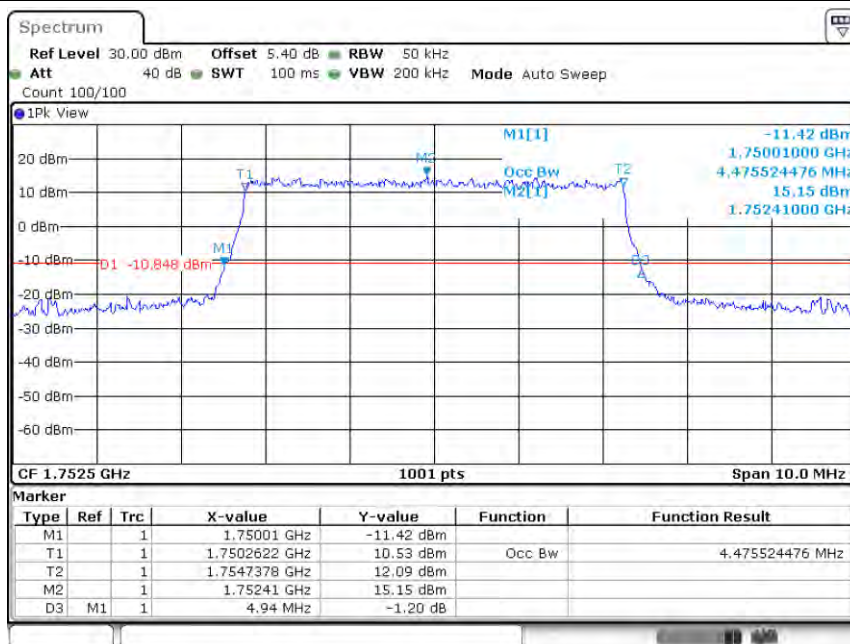


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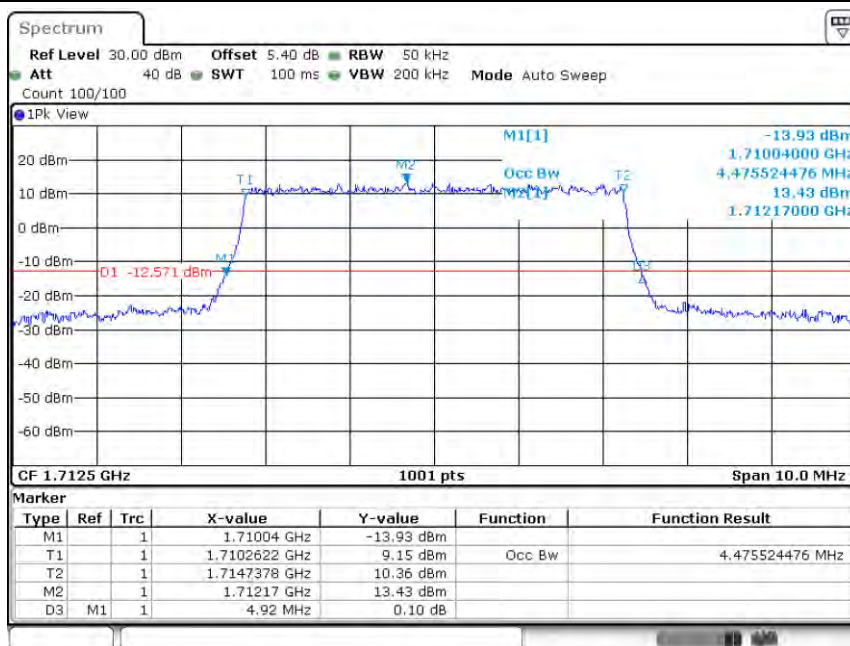


Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 14.AUG.2020 22:50:32

Band4-5MHz-64QAM-19975-25RB#0-4.476



Date: 15.AUG.2020 01:48:18

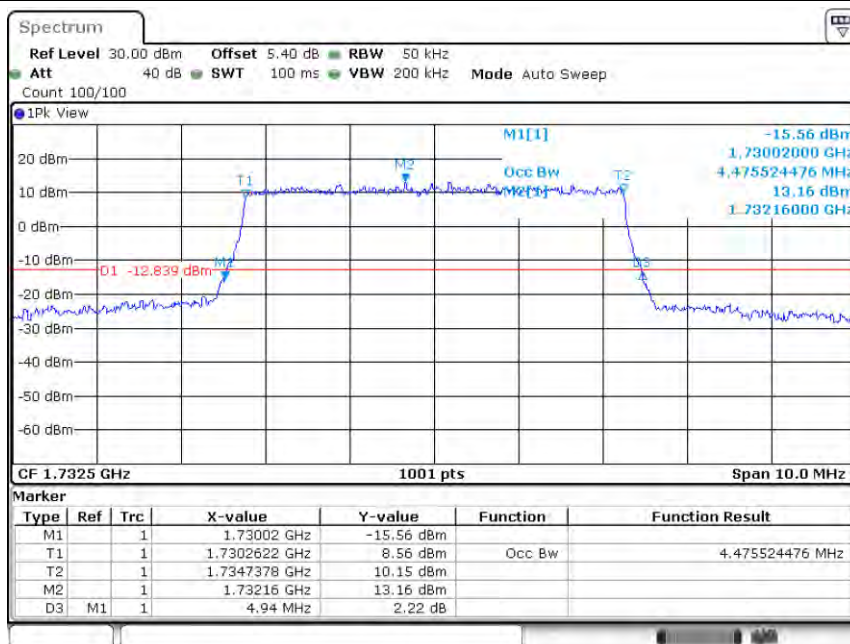


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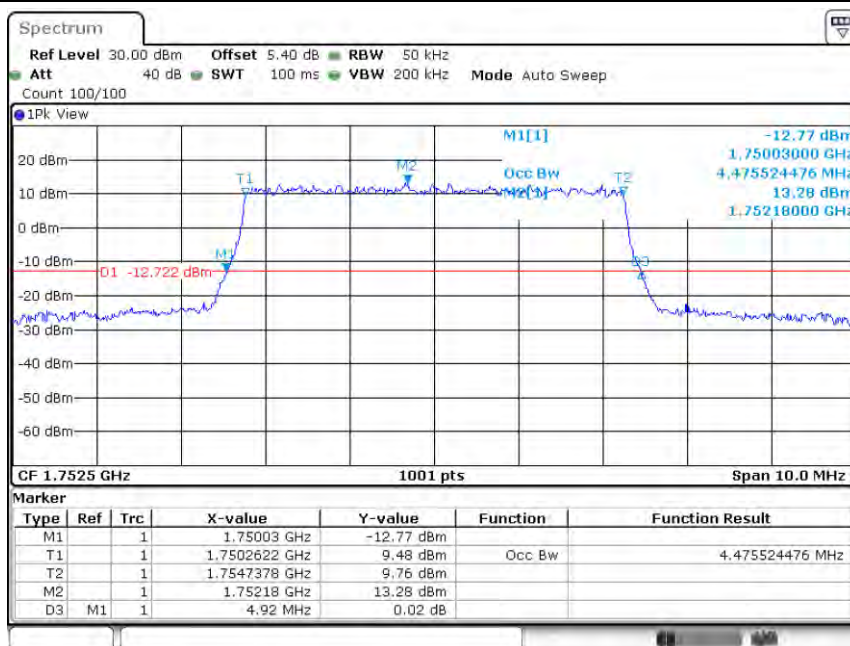


Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 15.AUG.2020 01:48:38

Band4-5MHz-64QAM-20375-25RB#0-4.476



Date: 15.AUG.2020 01:48:58

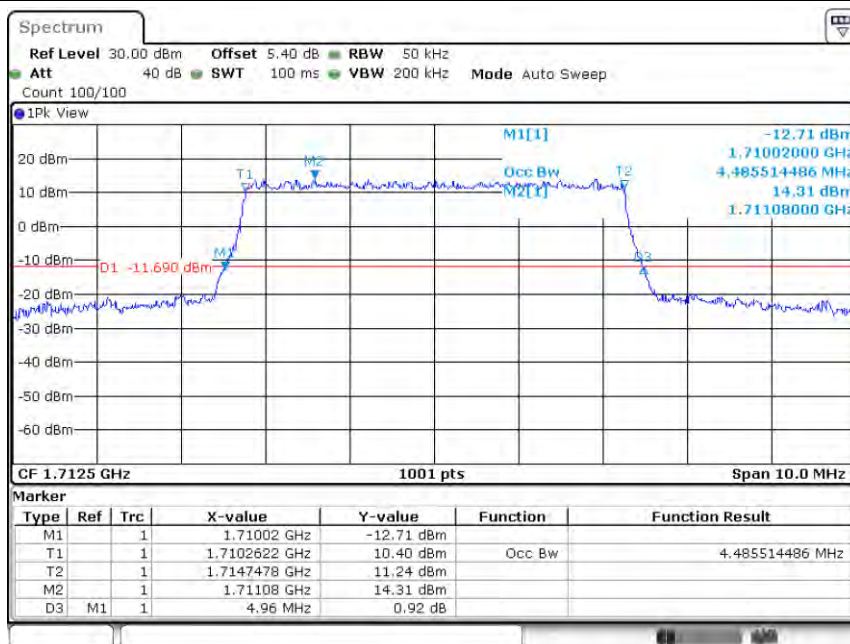


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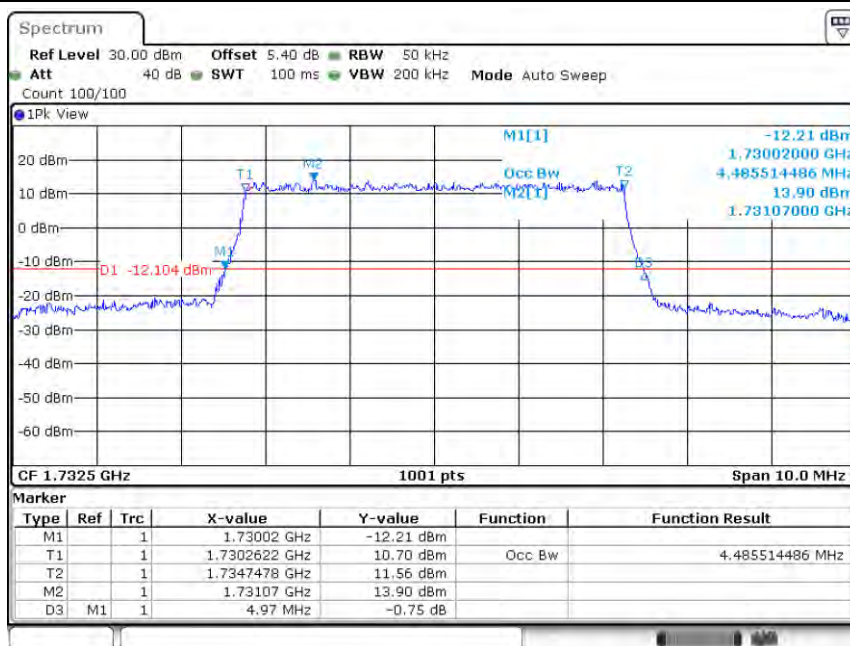


Band4-5MHz-16QAM-19975-25RB#0-4.486



Date: 14.AUG.2020 22:49:33

Band4-5MHz-16QAM-20175-25RB#0-4.486



Date: 14.AUG.2020 22:50:12

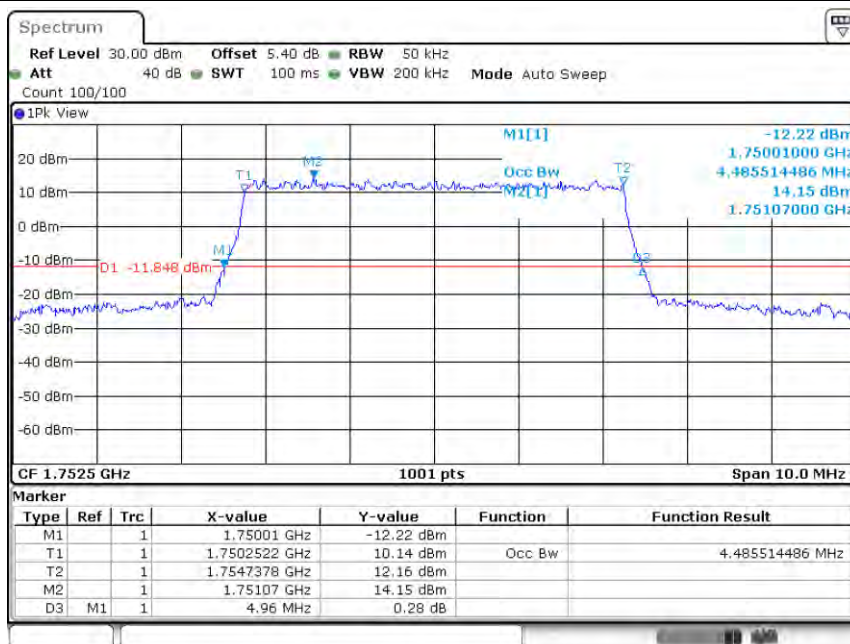


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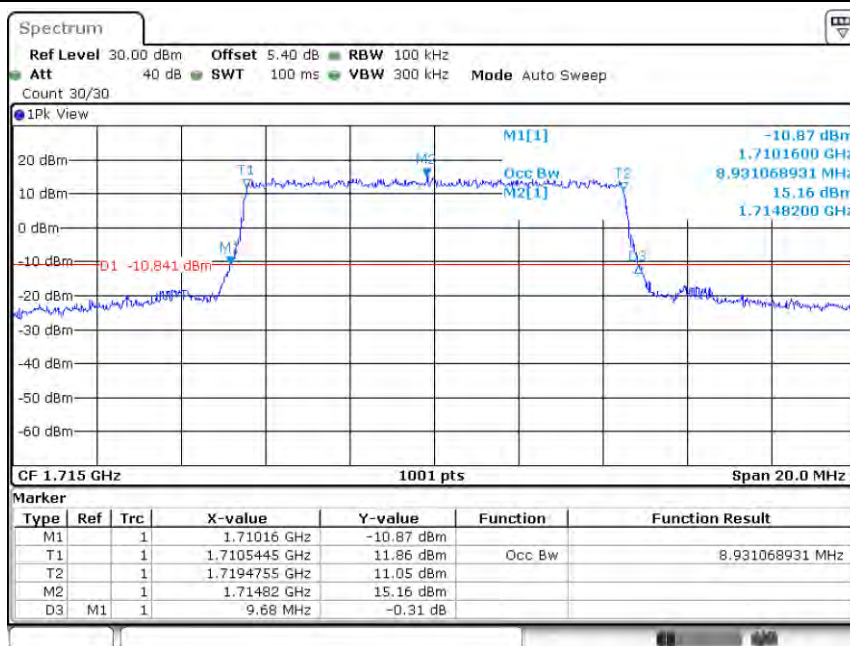


Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 14.AUG.2020 22:50:52

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



Date: 14.AUG.2020 22:51:11

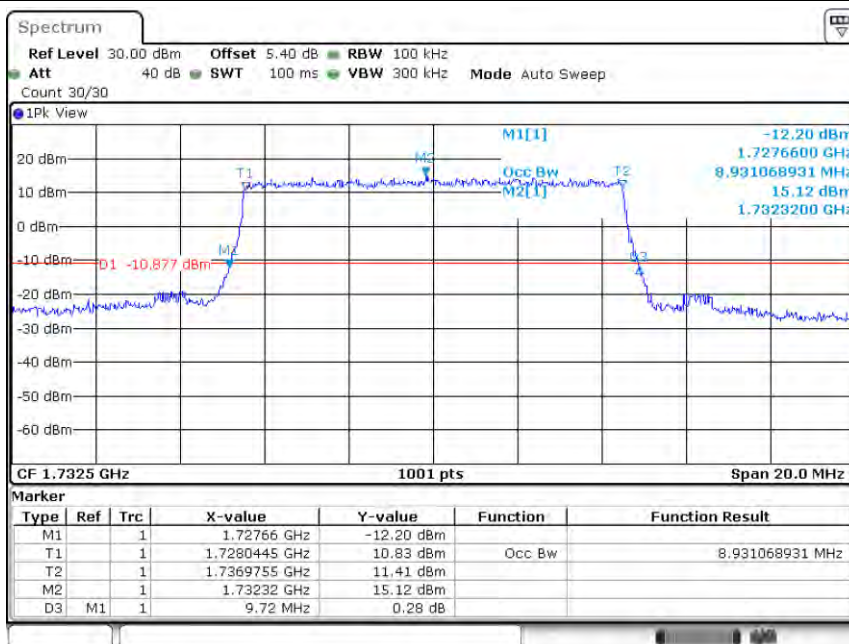


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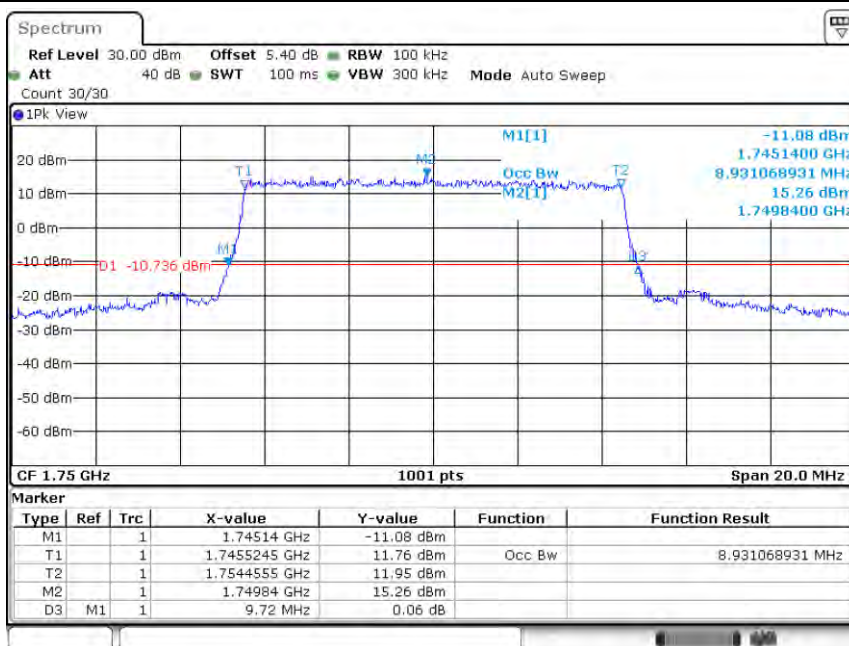


Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 14.AUG.2020 22:51:37

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



Date: 14.AUG.2020 22:52:03

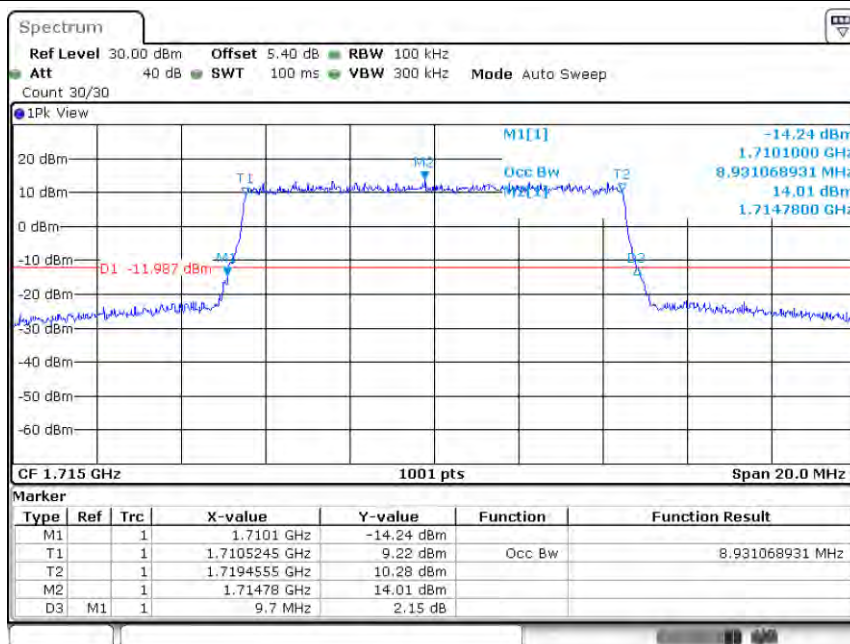


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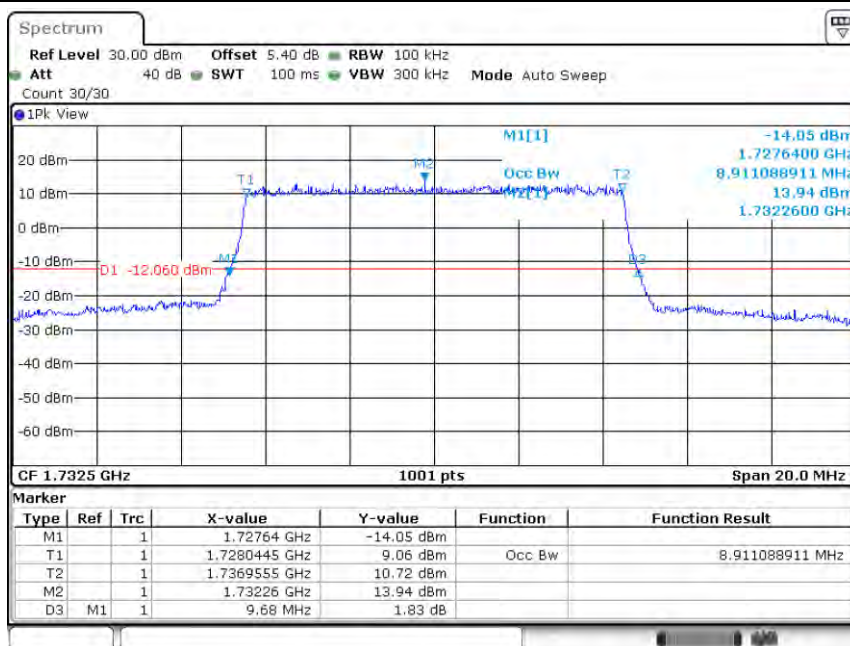


Band4-10MHz-64QAM-20000-50RB#0-8.931



Date: 15.AUG.2020 01:49:18

Band4-10MHz-64QAM-20175-50RB#0-8.911



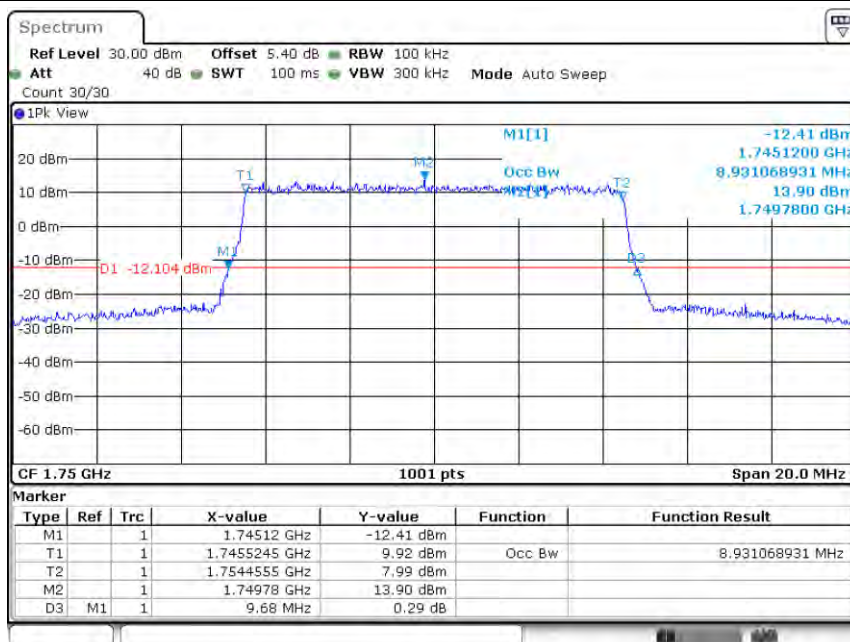
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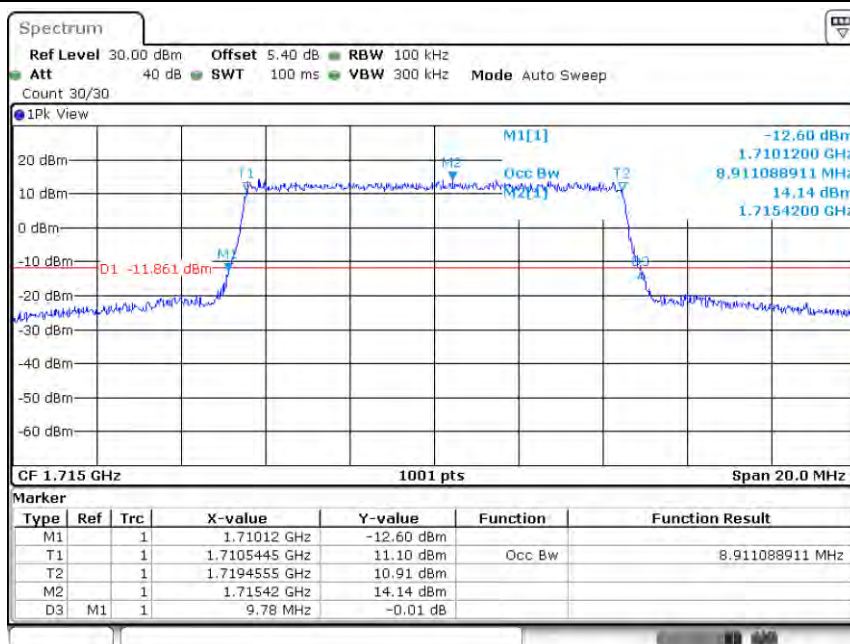
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Band4-10MHz-64QAM-20350-50RB#0-8.931



Date: 15.AUG.2020 01:49:44

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



Date: 14.AUG.2020 22:51:24

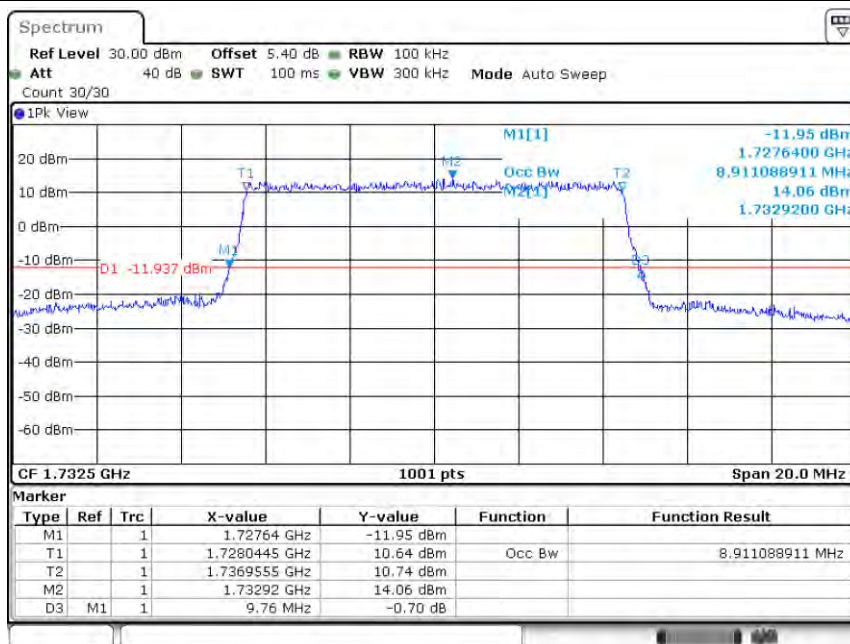


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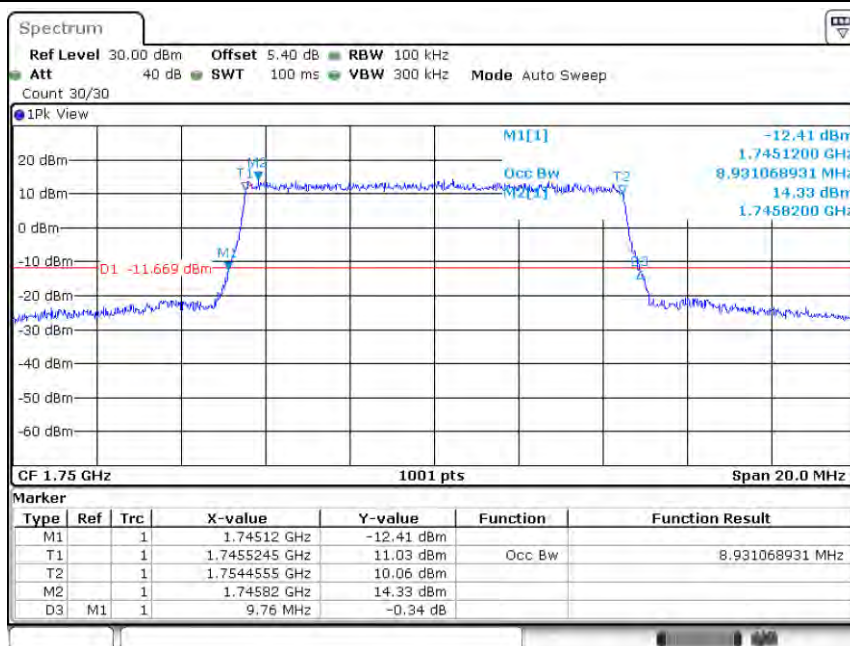


Band4-10MHz-16QAM-20175-50RB#0-8.911



Date: 14.AUG.2020 22:51:50

Band4-10MHz-16QAM-20350-50RB#0-8.931



Date: 14.AUG.2020 22:52:16

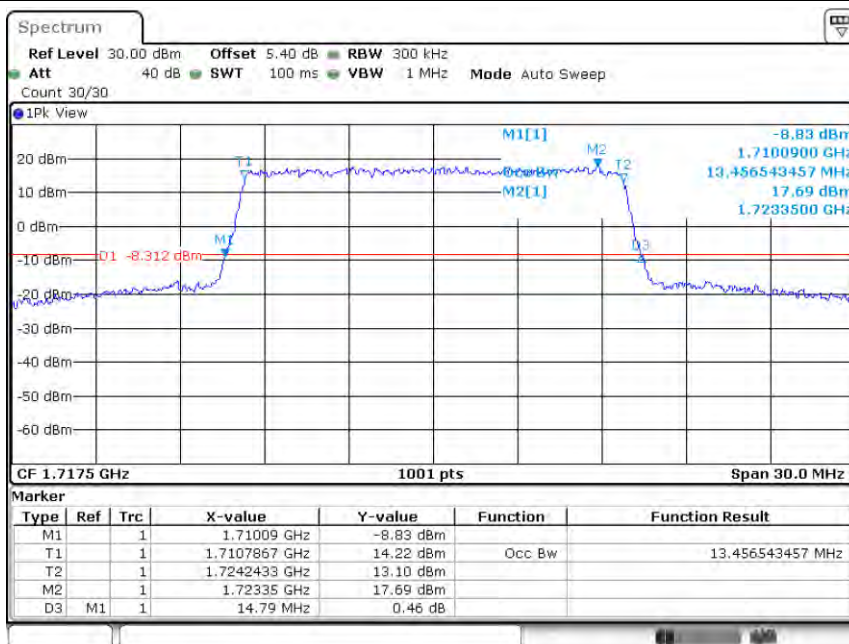


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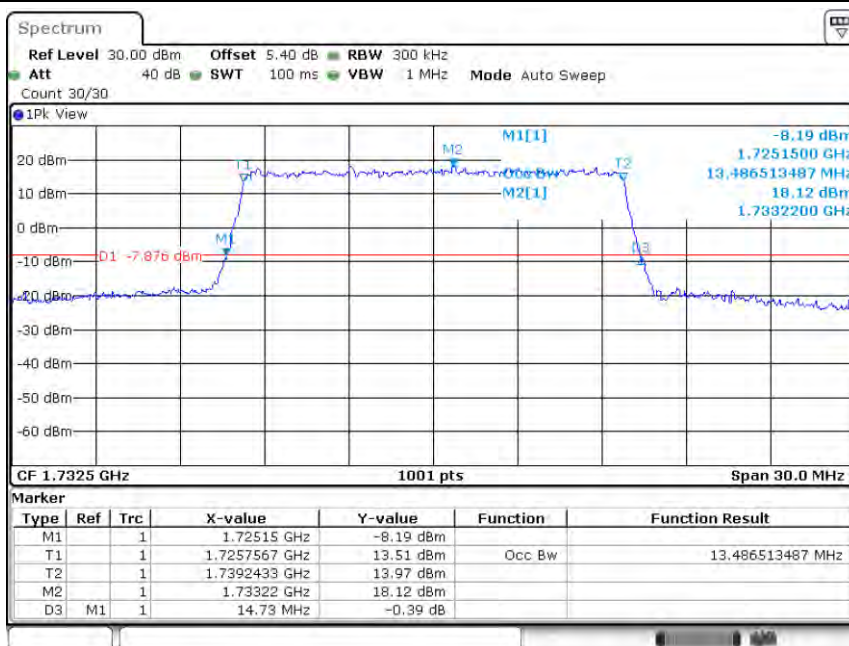


Band4-15MHz-QPSK-20025-75RB#0-13.457



Date: 14.AUG.2020 22:52:35

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Date: 14.AUG.2020 22:53:01



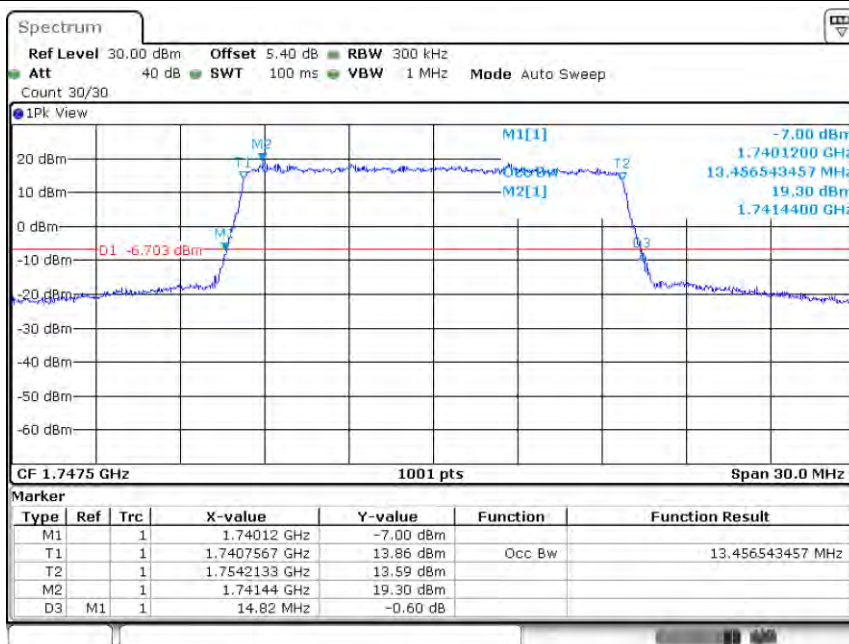
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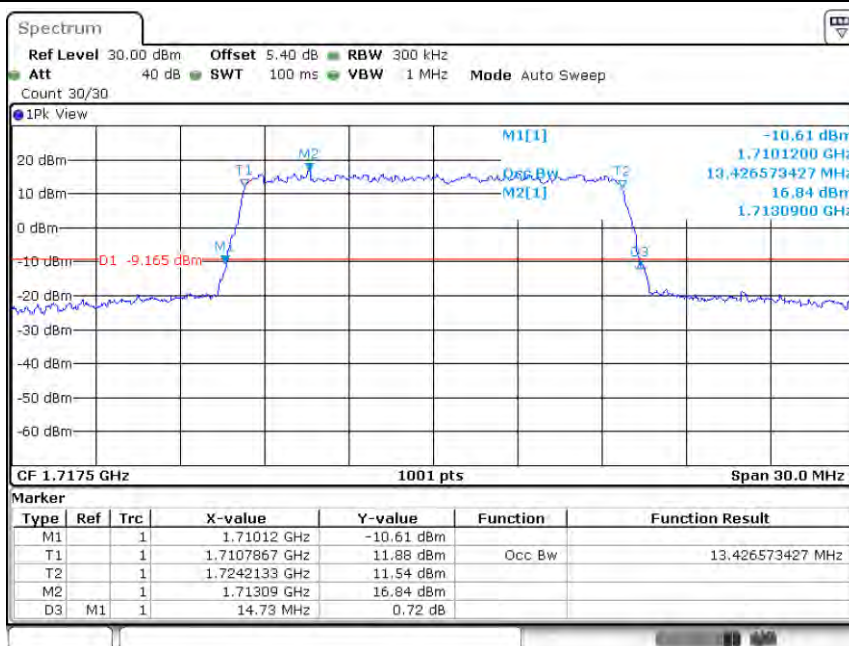


Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 14.AUG.2020 22:53:27

Band4-15MHz-64QAM-20025-75RB#0-13.427



Date: 15.AUG.2020 01:50:04

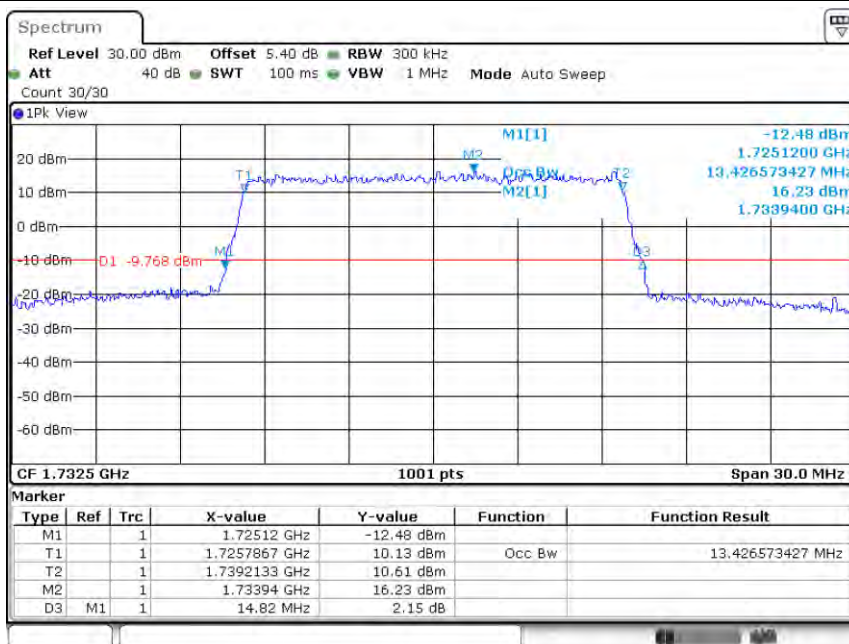


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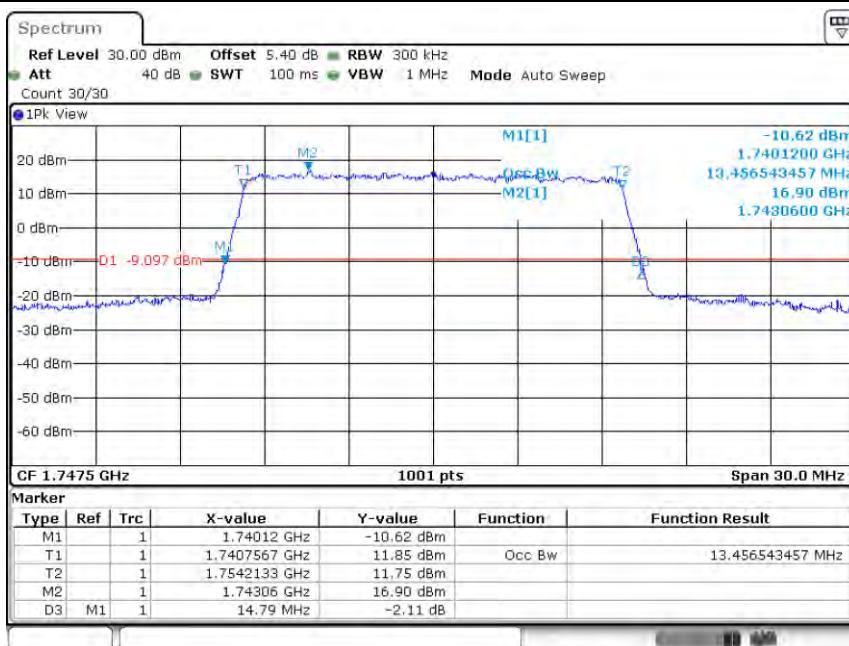


Band4-15MHz-64QAM-20175-75RB#0-13.427



Date: 15.AUG.2020 01:50:17

Band4-15MHz-64QAM-20325-75RB#0-13.457



Date: 15.AUG.2020 01:50:30



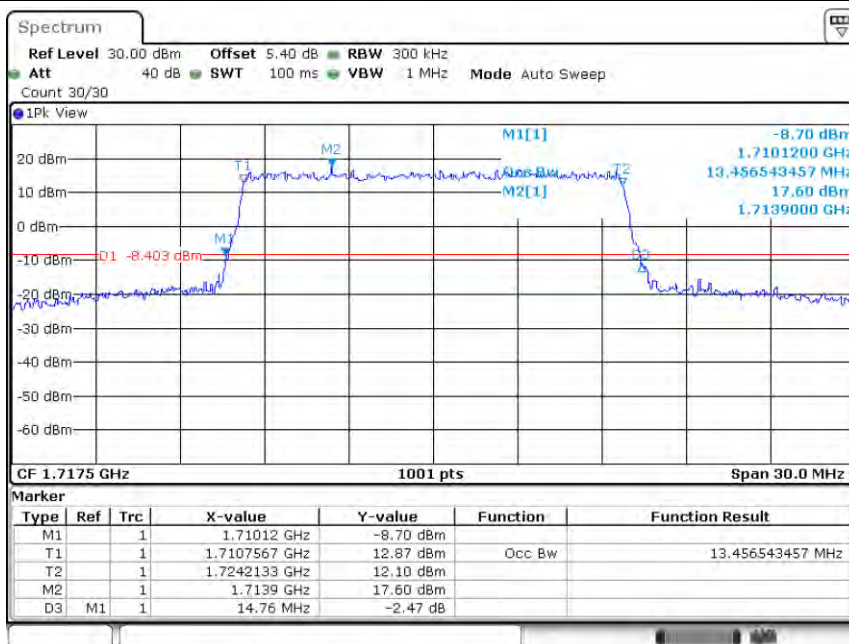
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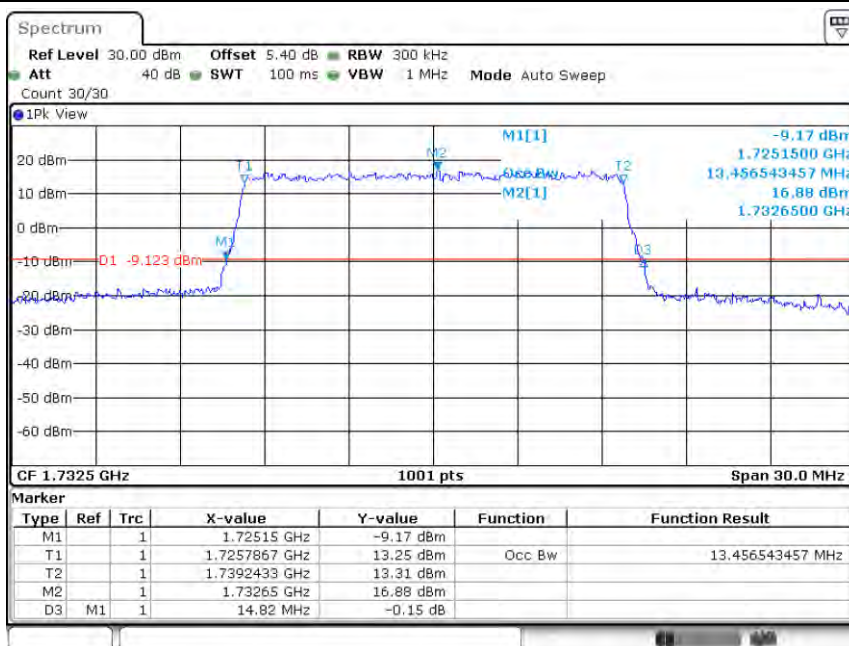


Band4-15MHz-16QAM-20025-75RB#0-13.457



Date: 14.AUG.2020 22:52:48

Band4-15MHz-16QAM-20175-75RB#0-13.457



Date: 14.AUG.2020 22:53:13



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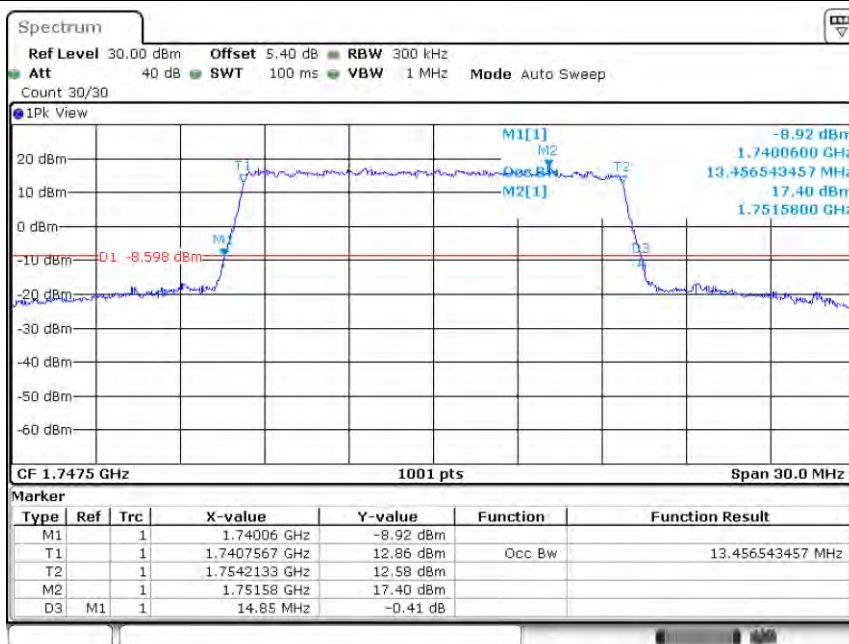
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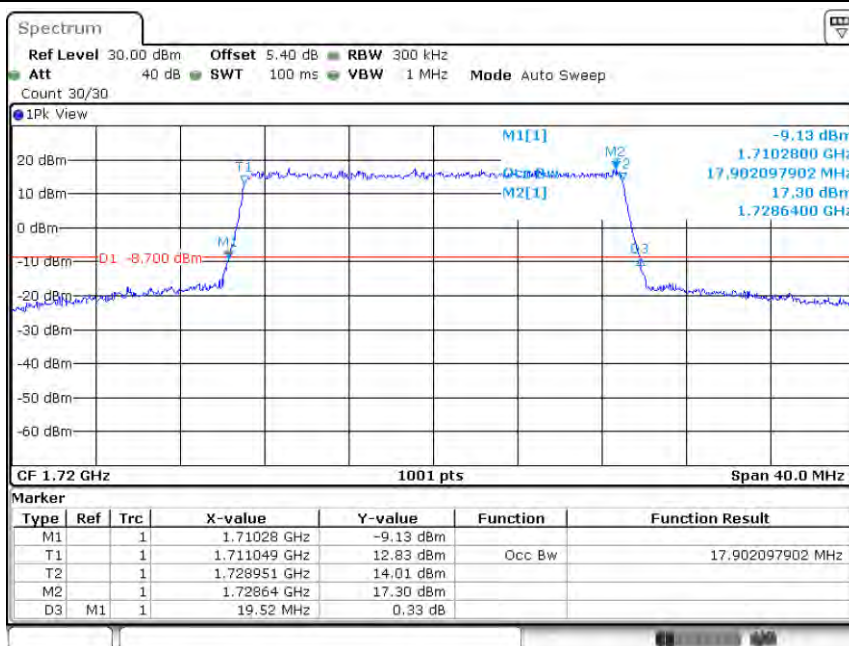


Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 14.AUG.2020 22:53:40

Band4-20MHz-QPSK-20050-100RB#0-17.902



Date: 14.AUG.2020 22:53:58



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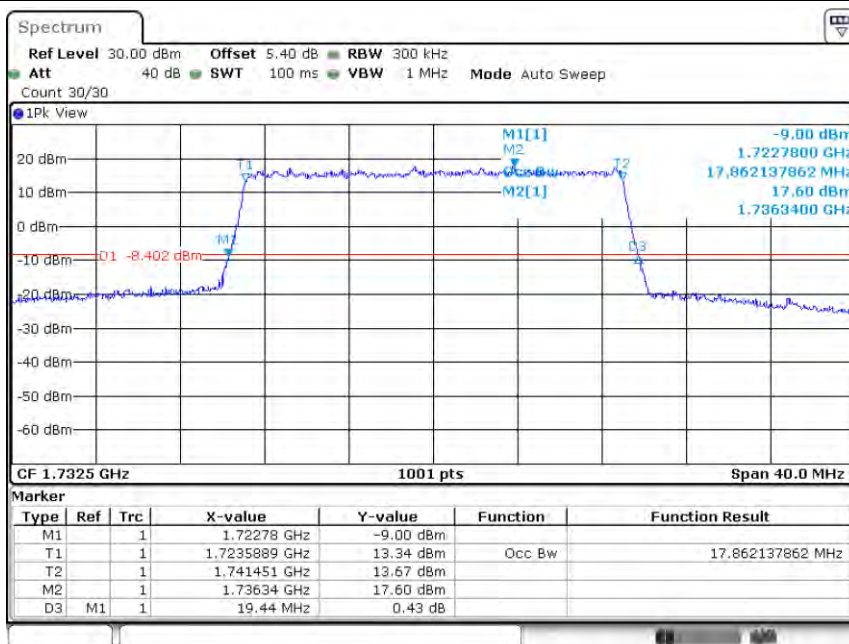
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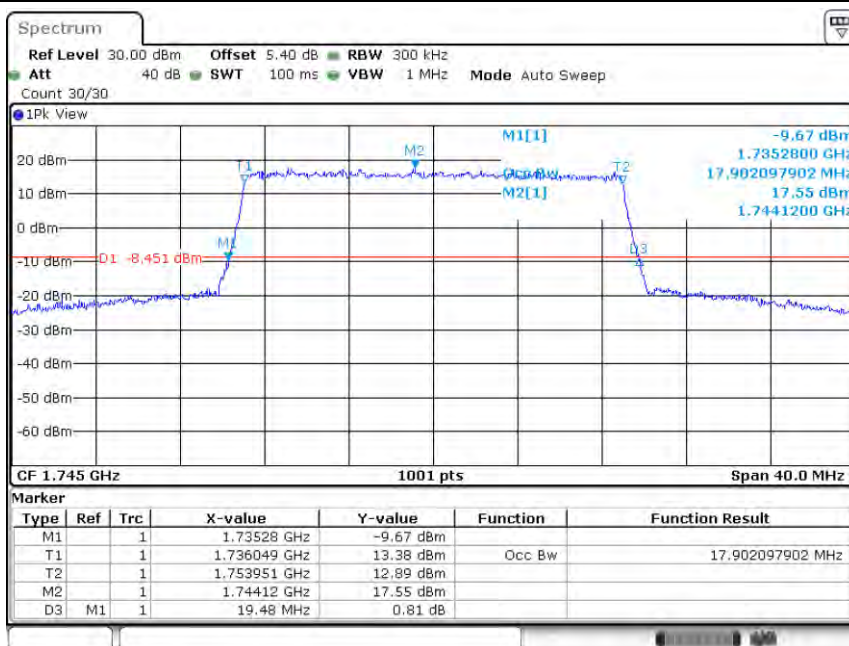


Band4-20MHz-QPSK-20175-100RB#0-17.862



Date: 14.AUG.2020 22:54:24

Band4-20MHz-QPSK-20300-100RB#0-17.902



Date: 14.AUG.2020 22:54:50



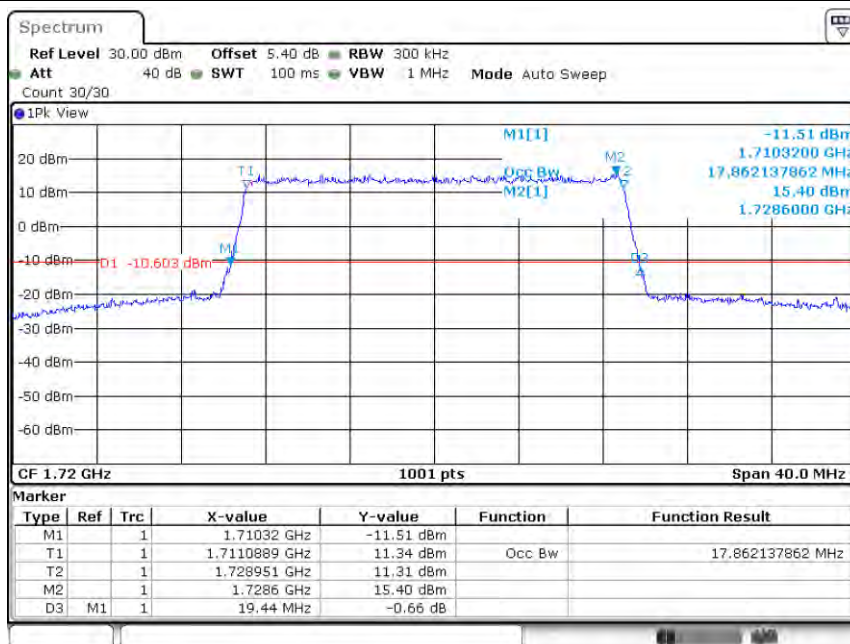
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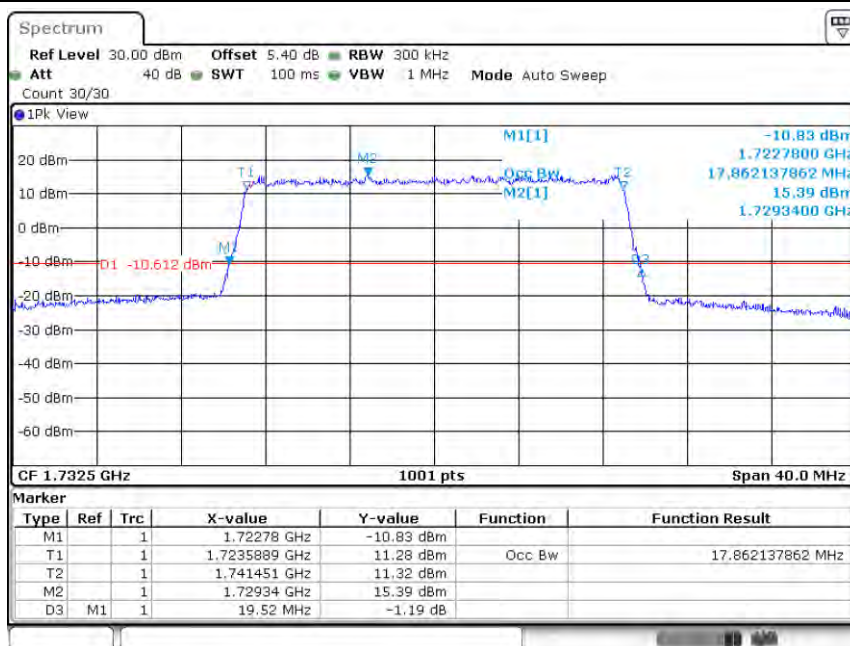


Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 15.AUG.2020 01:50:50

Band4-20MHz-64QAM-20175-100RB#0-17.862



Date: 15.AUG.2020 01:51:04



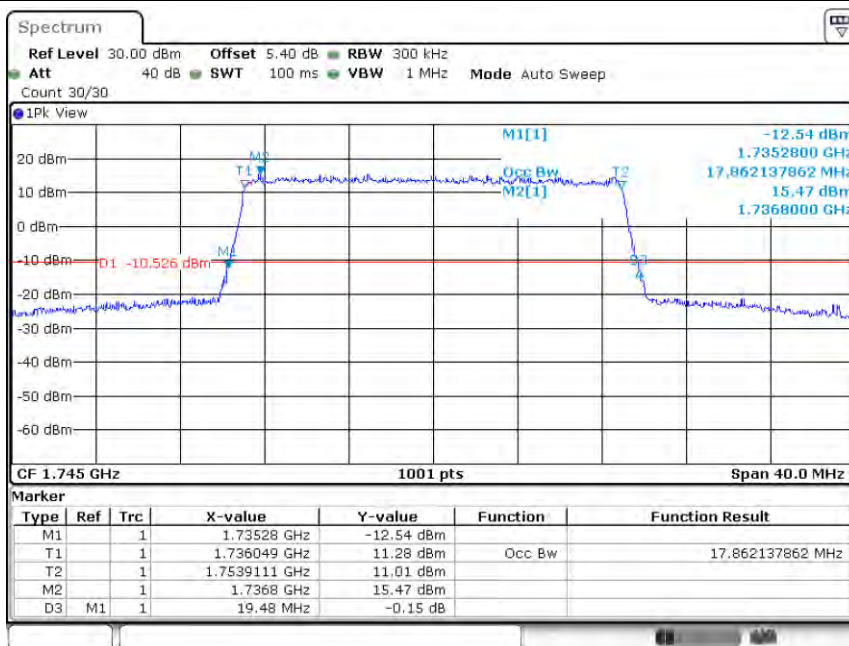
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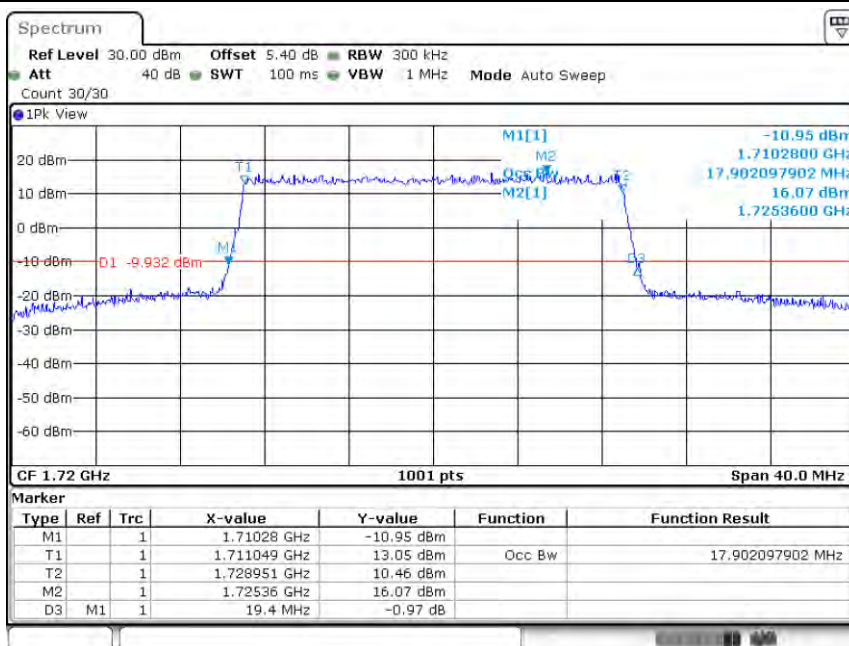


Band4-20MHz-64QAM-20300-100RB#0-17.862



Date: 15.AUG.2020 01:51:17

Band4-20MHz-16QAM-20050-100RB#0-17.902



Date: 14.AUG.2020 22:54:11



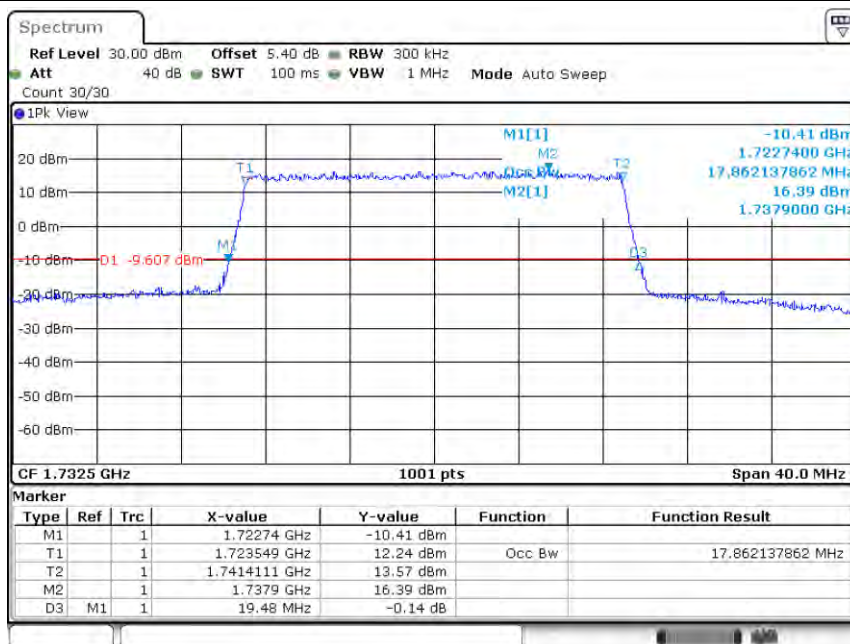
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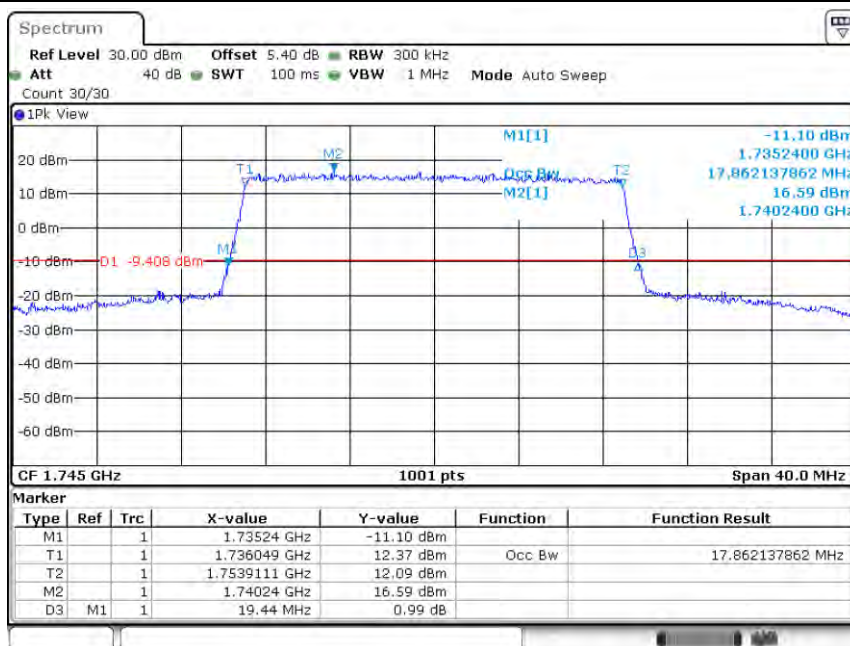


Band4-20MHz-16QAM-20175-100RB#0-17.862



Date: 14.AUG.2020 22:54:37

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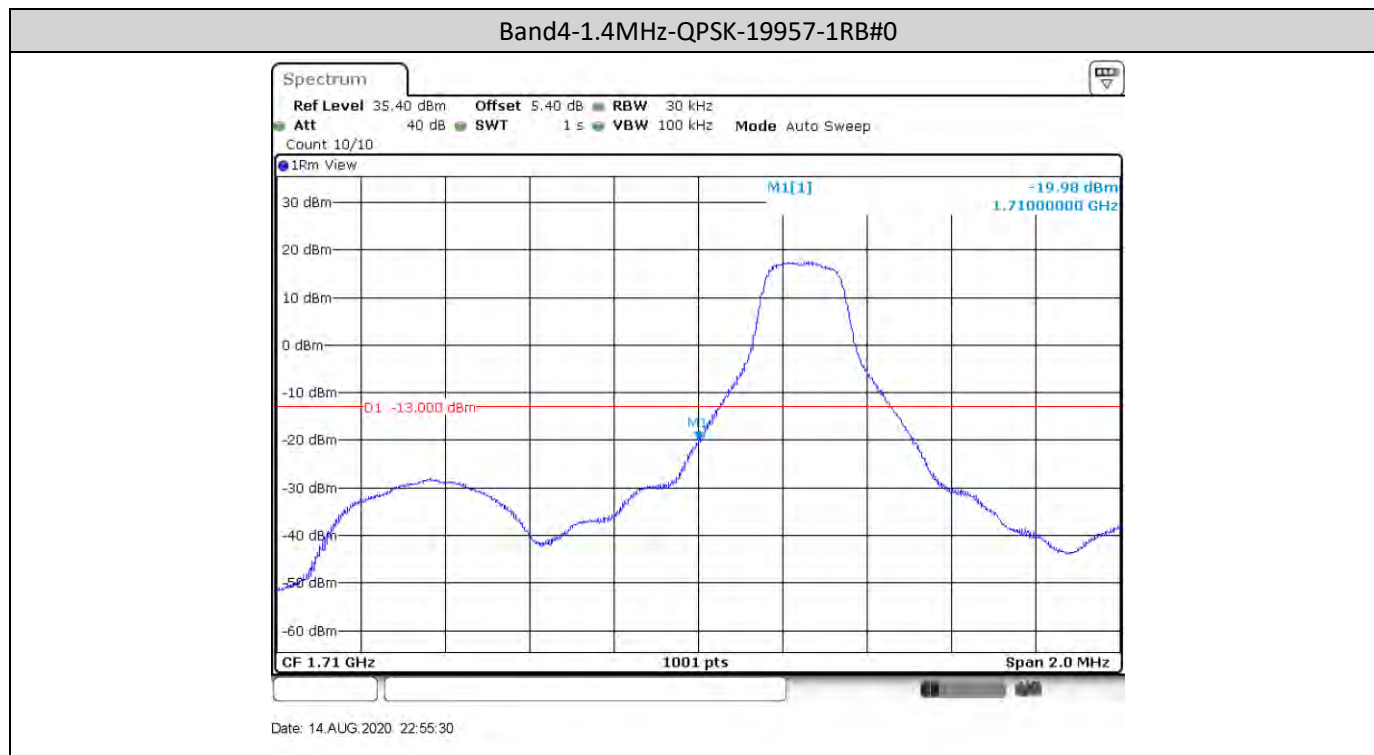
Date: 14.AUG.2020 22:55:03





5. Band Edge Compliance

5.1. Test Plots



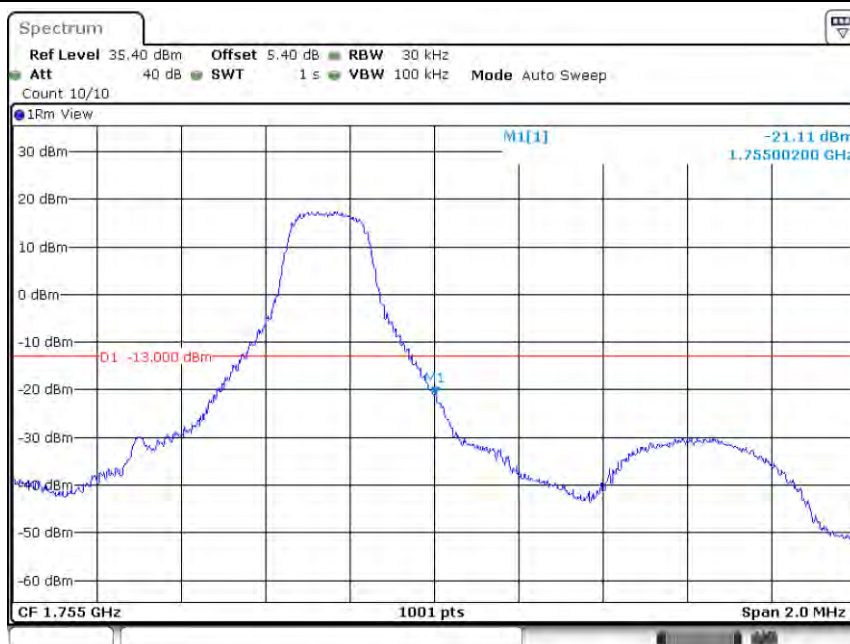


Band4-1.4MHz-QPSK-19957-6RB#0



Date: 14.AUG.2020 22:56:12

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



Date: 14.AUG.2020 22:56:58



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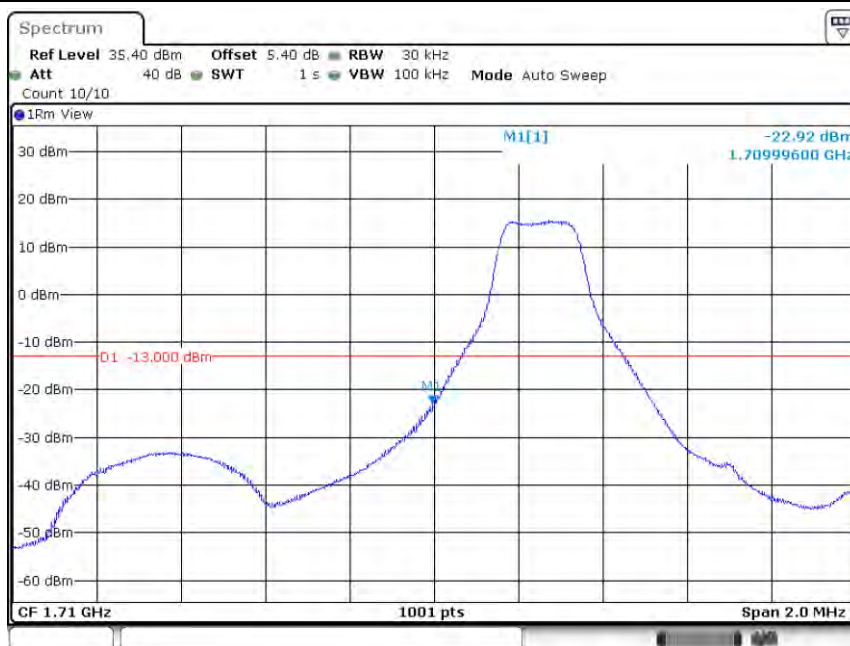


Band4-1.4MHz-QPSK-20393-6RB#0



Date: 14.AUG.2020 22:57:39

Band4-1.4MHz-64QAM-19957-1RB#0



Date: 15.AUG.2020 01:51:45



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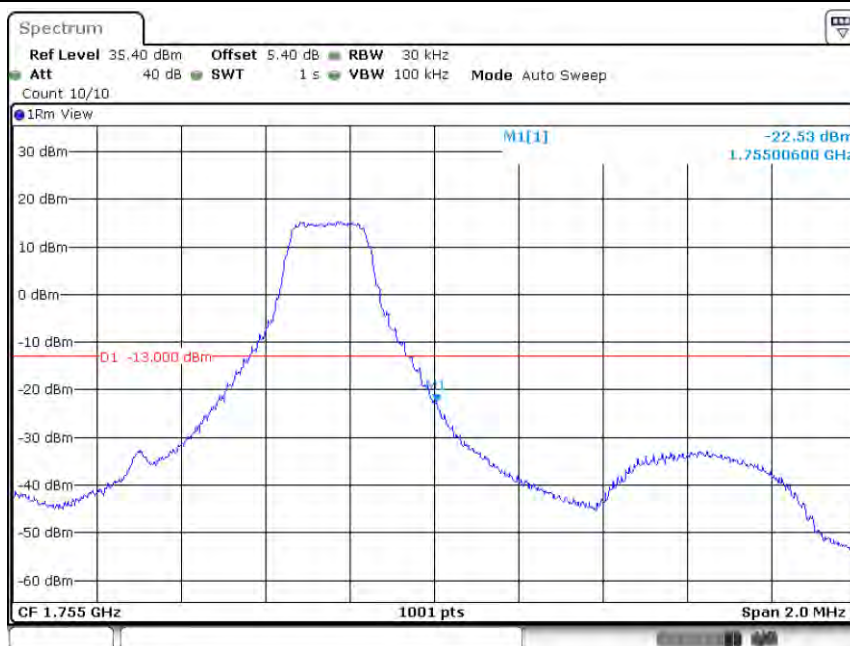


Band4-1.4MHz-64QAM-19957-6RB#0



Date: 15.AUG.2020 01:52:05

Band4-1.4MHz-64QAM-20393-1RB#5



Date: 15.AUG.2020 01:52:32



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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 15.AUG.2020 01:52:52

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



Date: 14.AUG.2020 22:55:51



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



Date: 14.AUG.2020 22:56:33

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



Date: 14.AUG.2020 22:57:19



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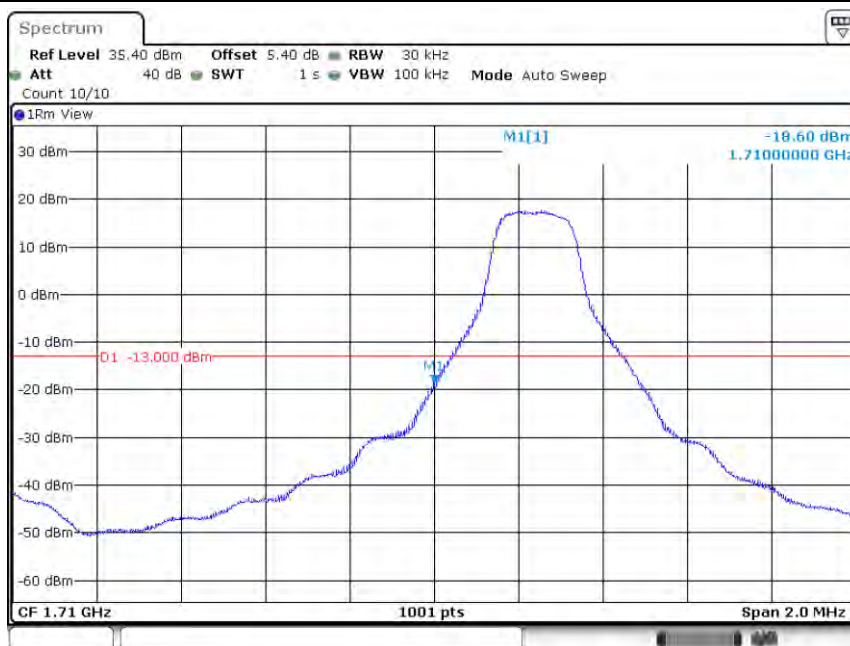


Band4-1.4MHz-16QAM-20393-6RB#0



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



Date: 14.AUG.2020 22:58:27



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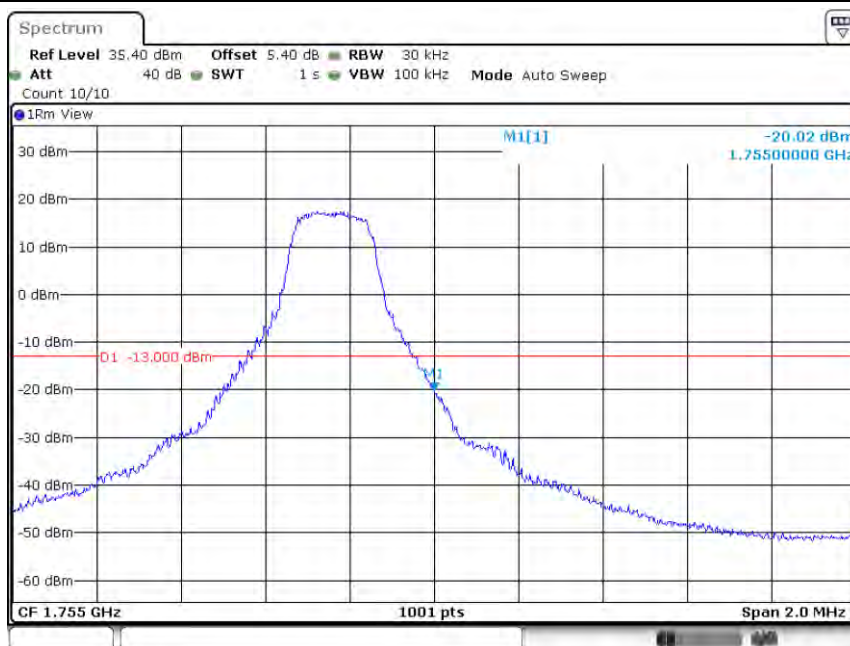


Band4-3MHz-QPSK-19965-15RB#0



Date: 14.AUG.2020 22:59:09

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



Date: 14.AUG.2020 22:59:55



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



Date: 14.AUG.2020 23:00:37

Band4-3MHz-64QAM-19965-1RB#0



Date: 15.AUG.2020 01:53:20



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Band4-3MHz-64QAM-19965-15RB#0



Date: 15.AUG.2020 01:53:41

Band4-3MHz-64QAM-20385-1RB#14



Date: 15.AUG.2020 01:54:07



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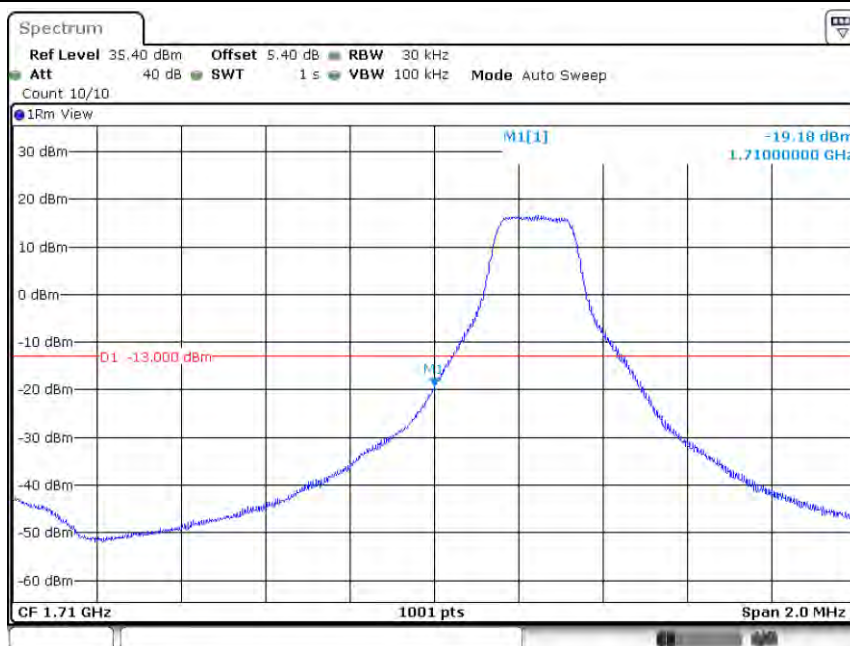


Band4-3MHz-64QAM-20385-15RB#0



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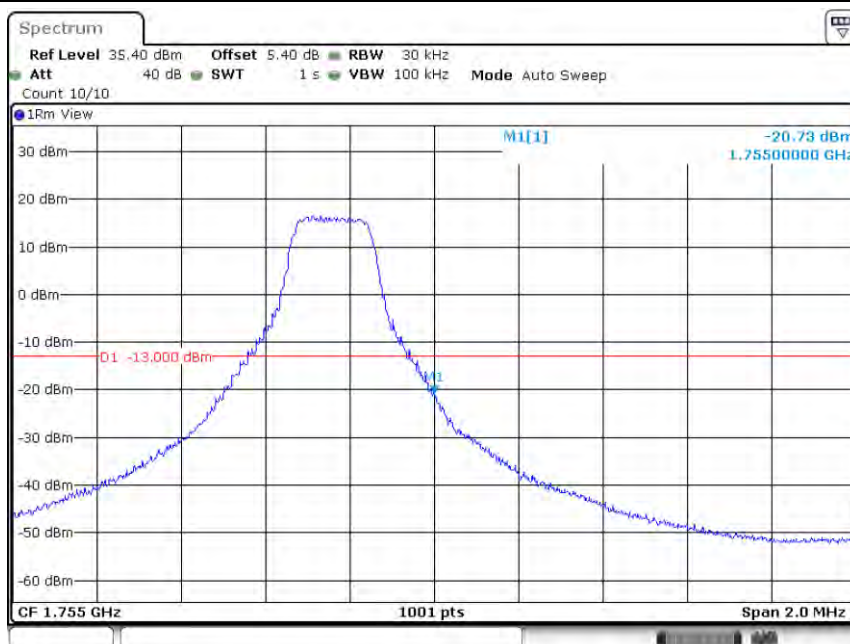


Band4-3MHz-16QAM-19965-15RB#0



Date: 14.AUG.2020 22:59:30

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



Date: 14.AUG.2020 23:00:16



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



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



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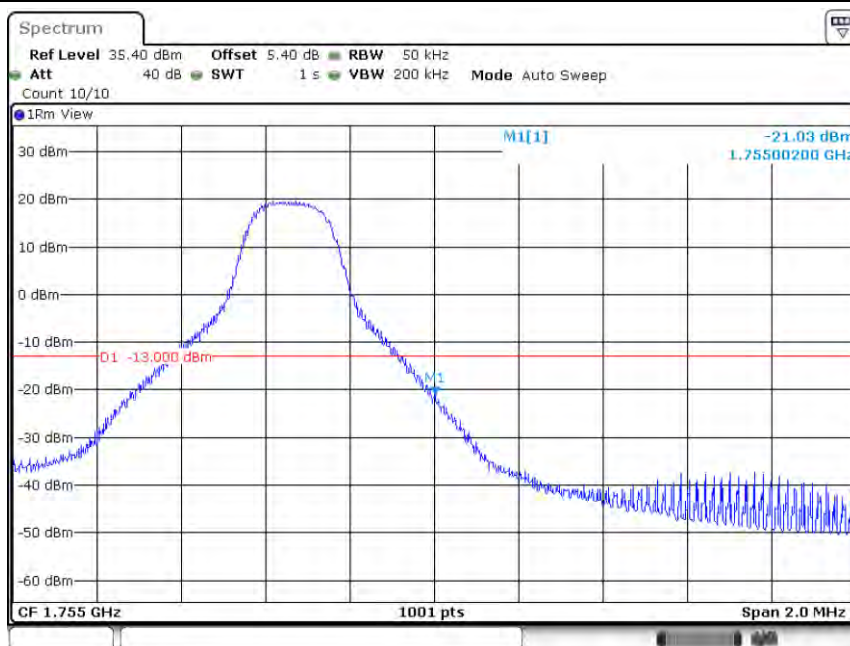


Band4-5MHz-QPSK-19975-25RB#0



Date: 14.AUG.2020 23:02:07

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



Date: 14.AUG.2020 23:02:53

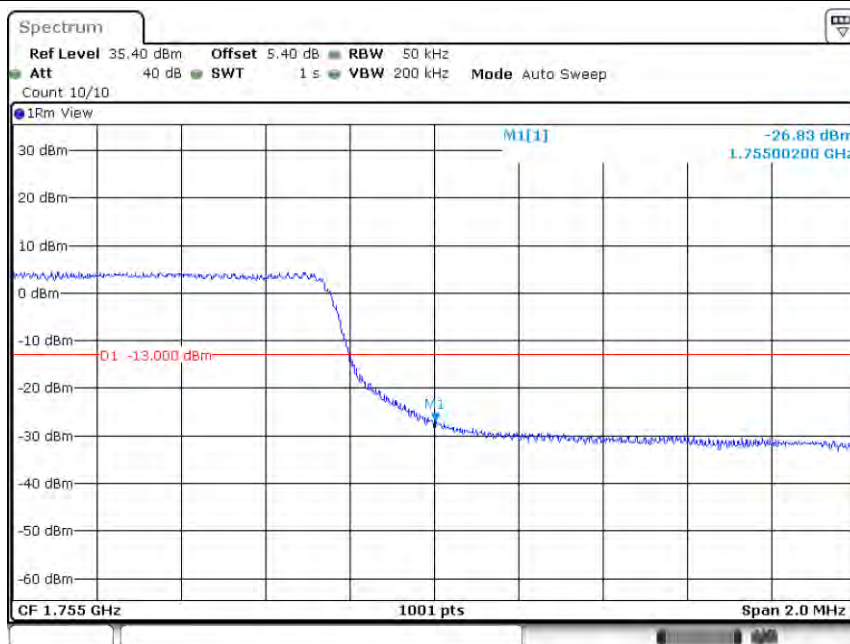


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Band4-5MHz-QPSK-20375-25RB#0



Date: 14.AUG.2020 23:03:35

Band4-5MHz-64QAM-19975-1RB#0



Date: 15.AUG.2020 01:54:55



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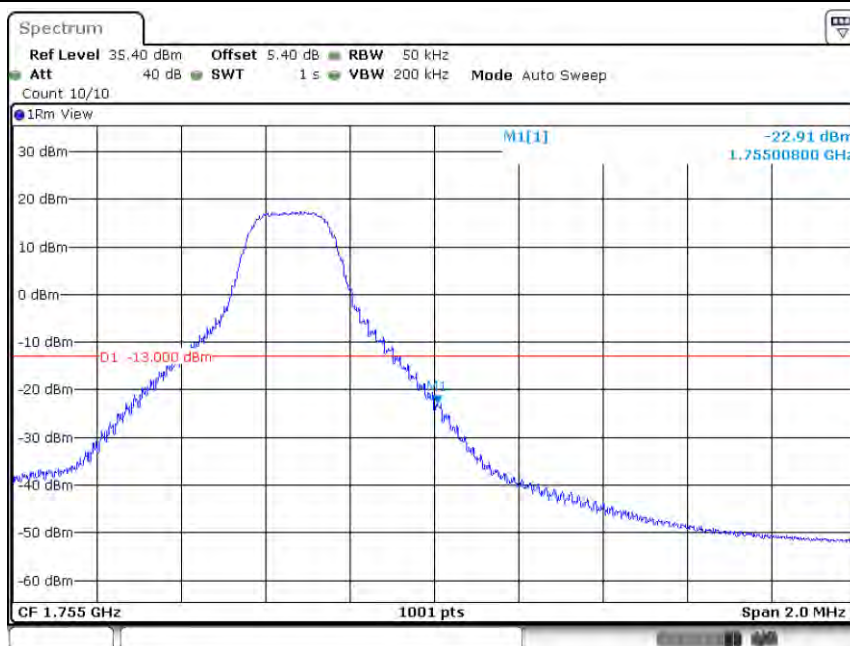


Band4-5MHz-64QAM-19975-25RB#0



Date: 15.AUG.2020 01:55:16

Band4-5MHz-64QAM-20375-1RB#24



Date: 15.AUG.2020 01:55:42



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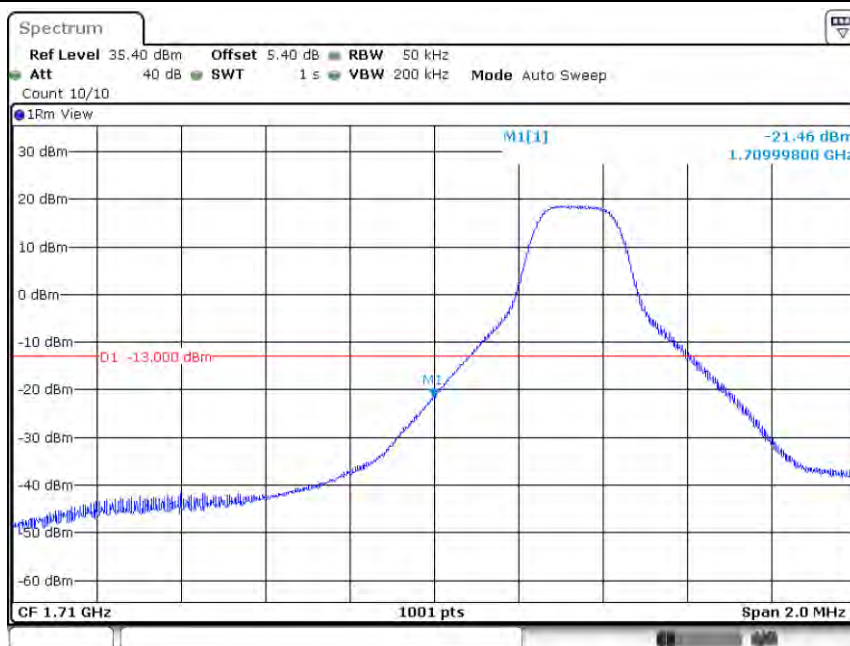


Band4-5MHz-64QAM-20375-25RB#0



Date: 15.AUG.2020 01:56:02

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



Date: 14.AUG.2020 23:01:46



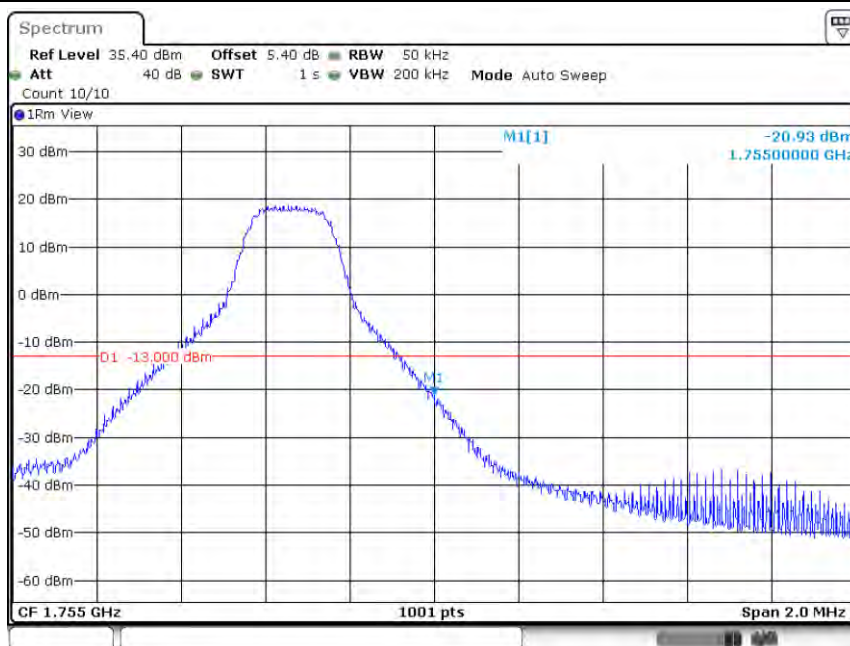


Band4-5MHz-16QAM-19975-25RB#0



Date: 14.AUG.2020 23:02:27

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



Date: 14.AUG.2020 23:03:14



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



Date: 14.AUG.2020 23:03:55

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



Date: 14.AUG.2020 23:04:22



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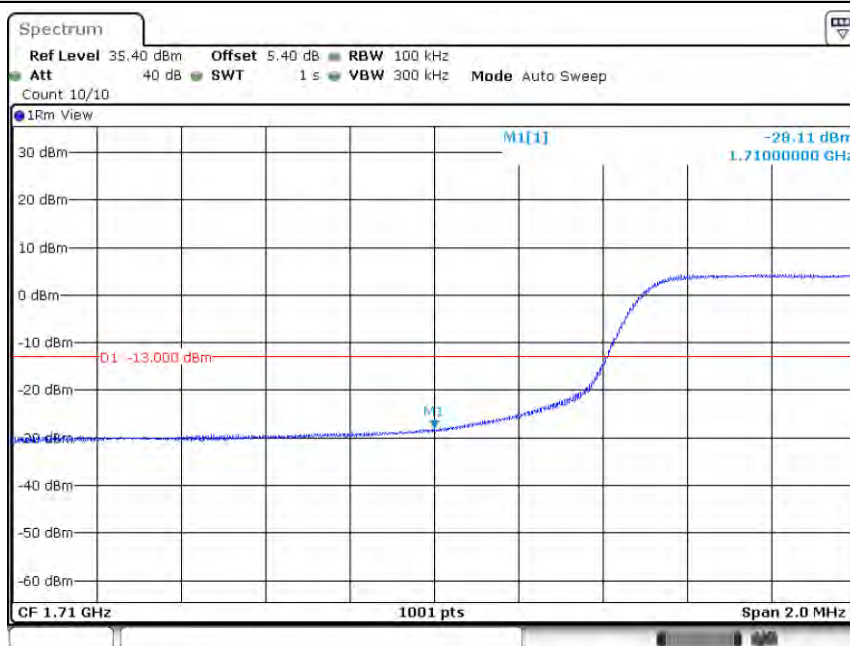
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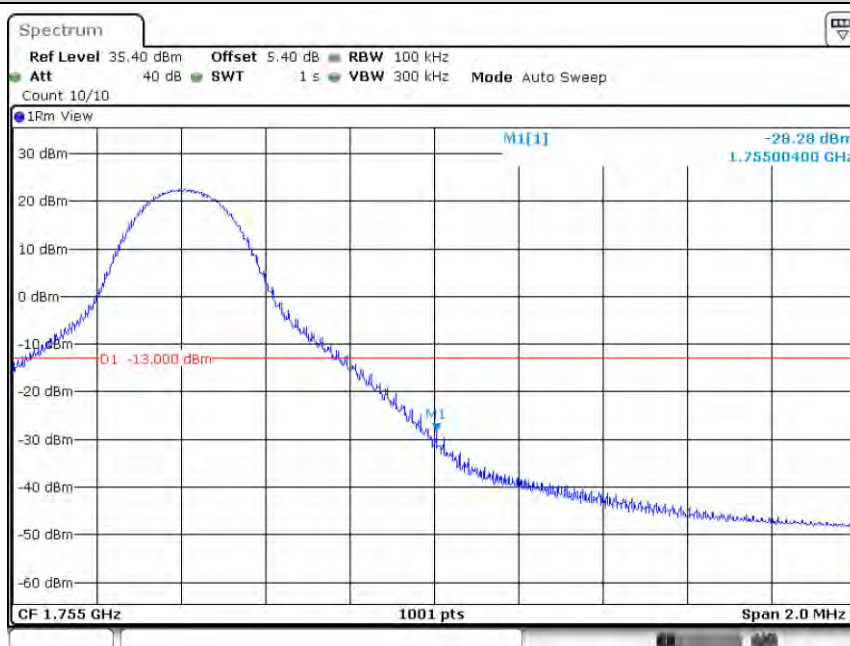


Band4-10MHz-QPSK-20000-50RB#0



Date: 14.AUG.2020 23:05:03

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



Date: 14.AUG.2020 23:05:49

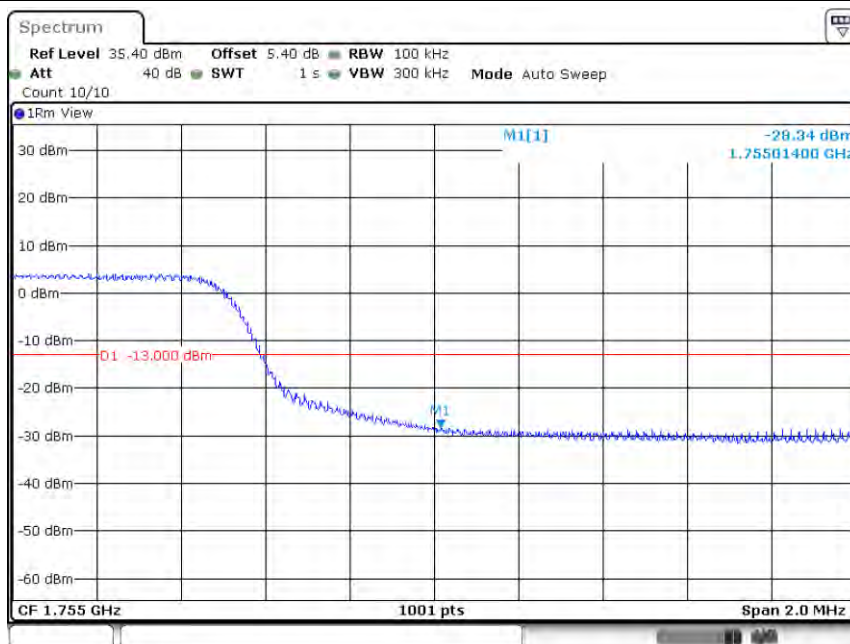


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Band4-10MHz-QPSK-20350-50RB#0



Date: 14.AUG.2020 23:06:31

Band4-10MHz-64QAM-20000-1RB#0



Date: 15.AUG.2020 01:56:30



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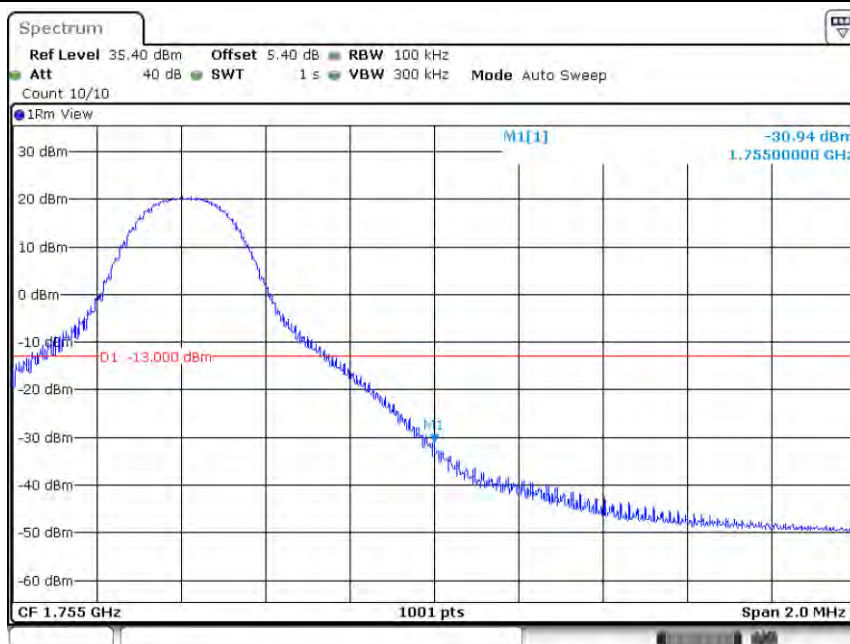


Band4-10MHz-64QAM-20000-50RB#0



Date: 15.AUG.2020 01:56:51

Band4-10MHz-64QAM-20350-1RB#49



Date: 15.AUG.2020 01:57:17



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Band4-10MHz-64QAM-20350-50RB#0



Date: 15.AUG.2020 01:57:37

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



Date: 14.AUG.2020 23:04:43



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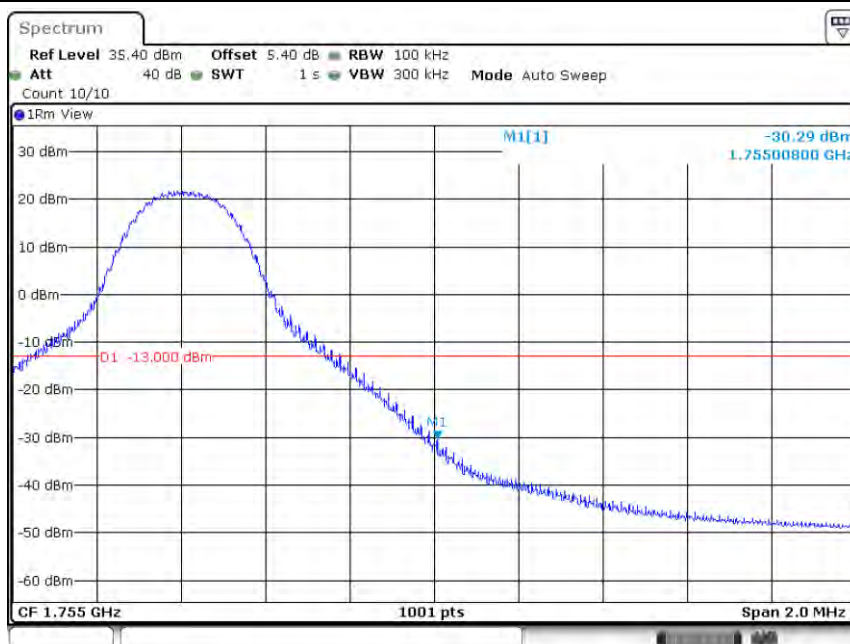


Band4-10MHz-16QAM-20000-50RB#0



Date: 14.AUG.2020 23:05:24

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



Date: 14.AUG.2020 23:06:10

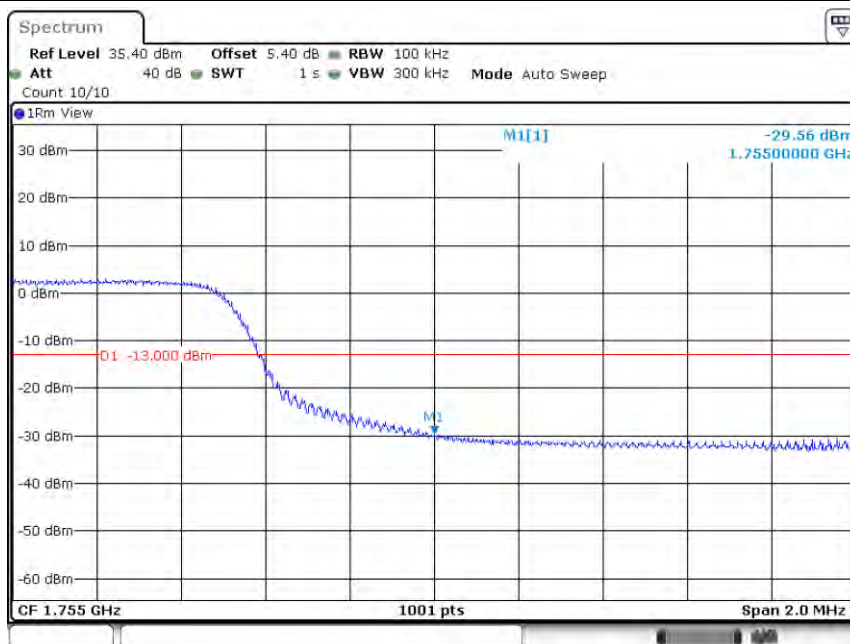


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Band4-10MHz-16QAM-20350-50RB#0



Date: 14.AUG.2020 23:06:52

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



Date: 14.AUG.2020 23:07:18



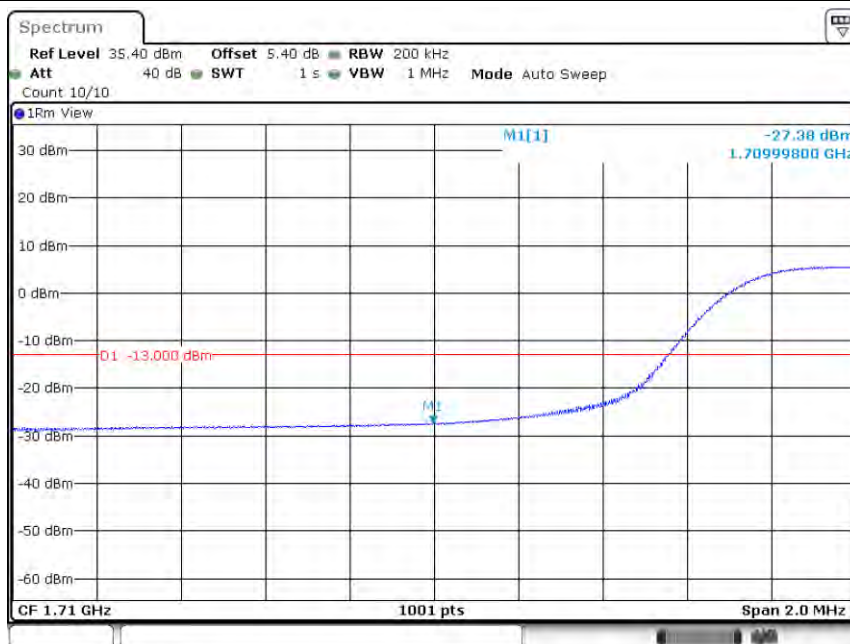
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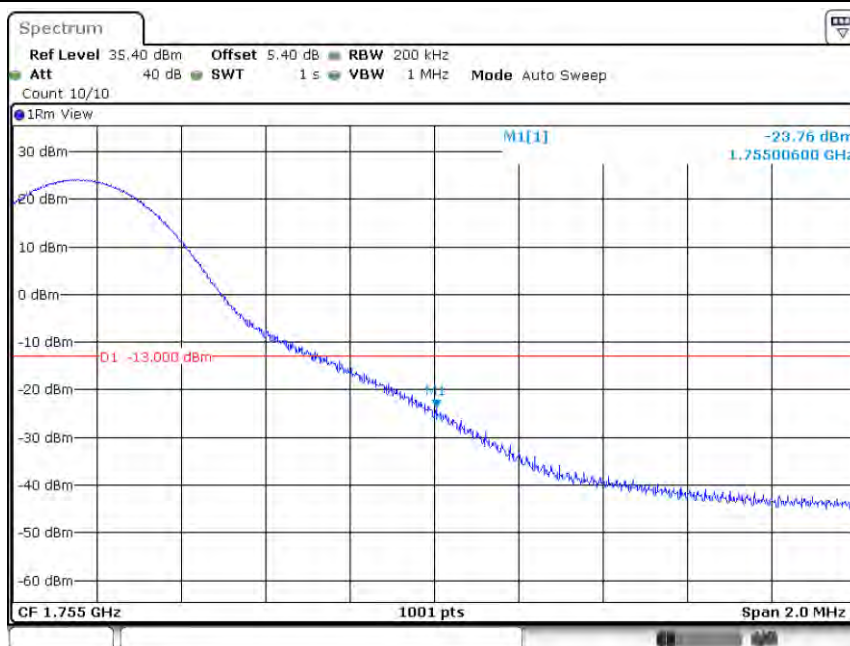


Band4-15MHz-QPSK-20025-75RB#0



Date: 14.AUG.2020 23:08:00

Band4-15MHz-QPSK-20325-1RB#74



Date: 14.AUG.2020 23:08:45

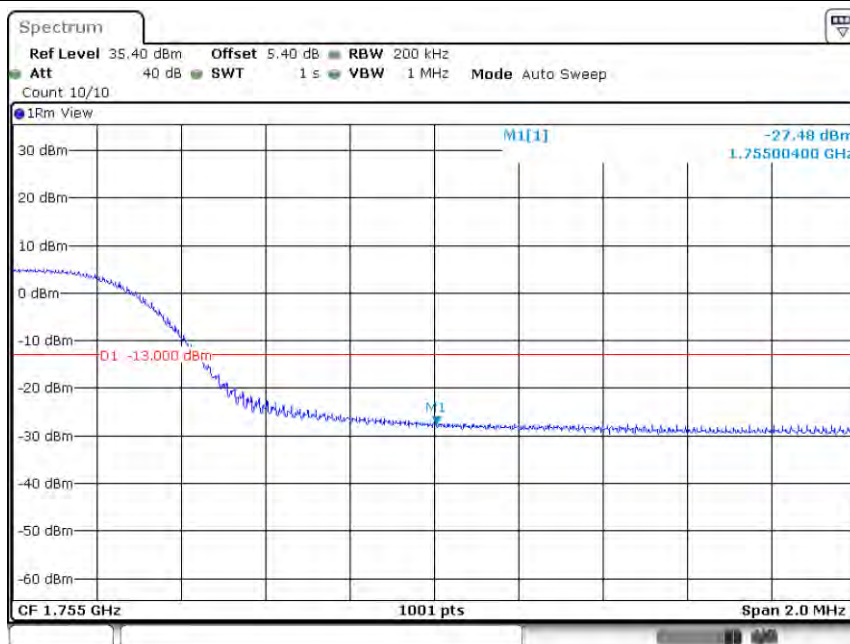


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Band4-15MHz-QPSK-20325-75RB#0



Date: 14.AUG.2020 23:09:27

Band4-15MHz-64QAM-20025-1RB#0



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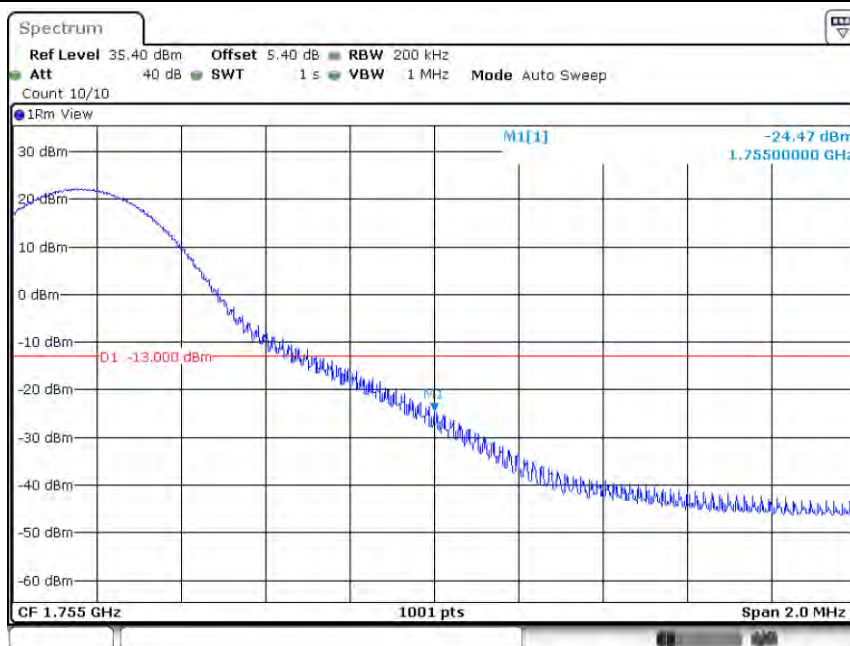


Band4-15MHz-64QAM-20025-75RB#0



Date: 15.AUG.2020 01:58:26

Band4-15MHz-64QAM-20325-1RB#74



Date: 15.AUG.2020 01:58:52

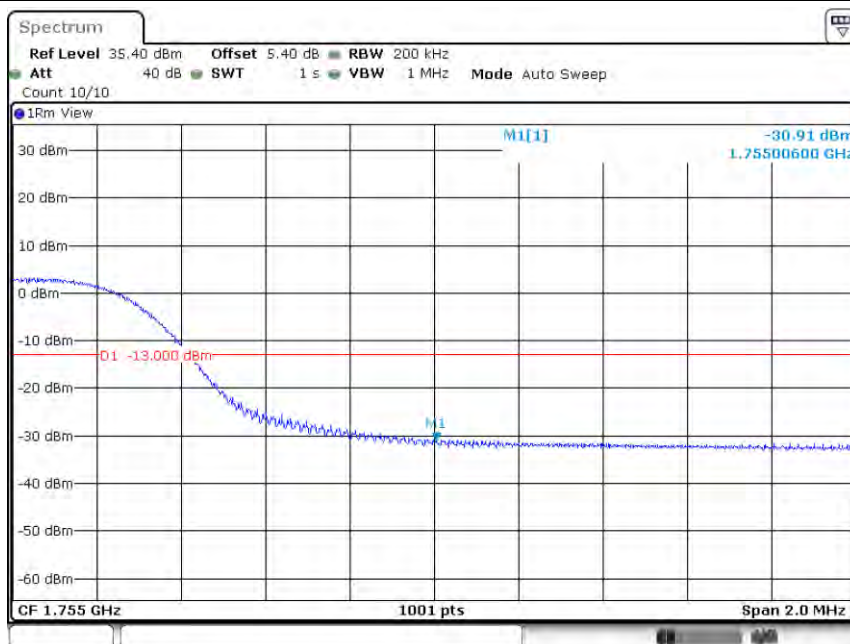


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Band4-15MHz-64QAM-20325-75RB#0



Date: 15.AUG.2020 01:59:12

Band4-15MHz-16QAM-20025-1RB#0

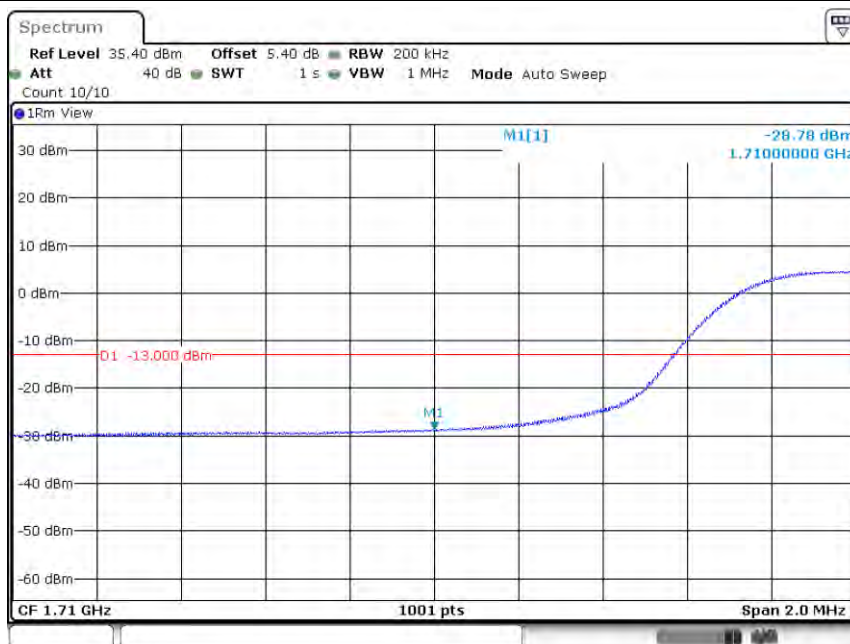


Date: 14.AUG.2020 23:07:39





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



Date: 14.AUG.2020 23:08:20

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



Date: 14.AUG.2020 23:09:06



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



Date: 14.AUG.2020 23:09:48

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



Date: 14.AUG.2020 23:10:14



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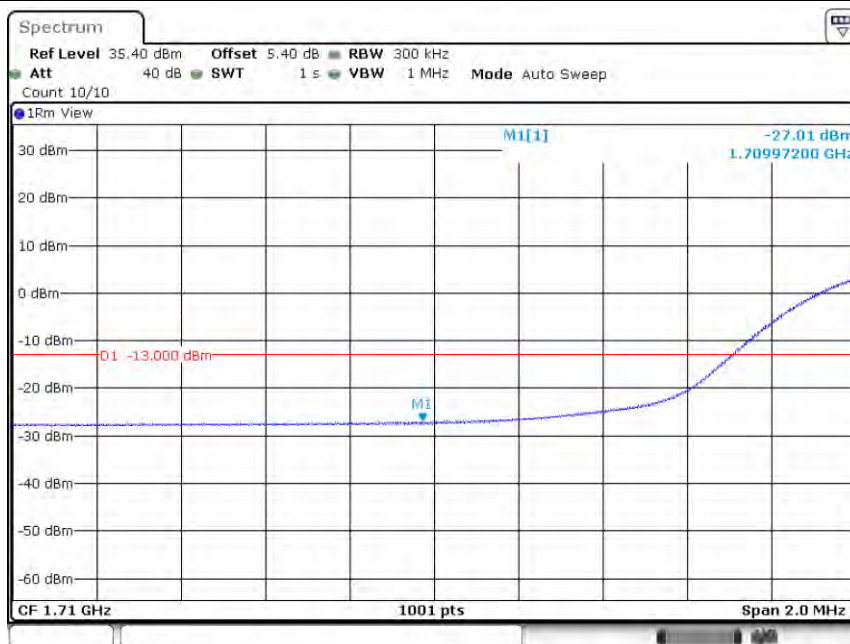
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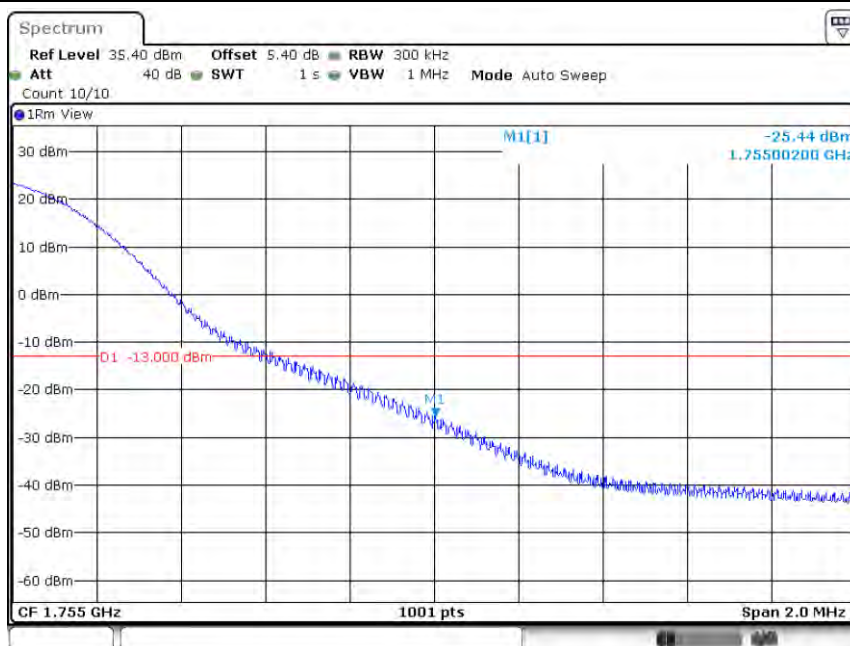


Band4-20MHz-QPSK-20050-100RB#0



Date: 14.AUG.2020 23:10:56

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



Date: 14.AUG.2020 23:11:42

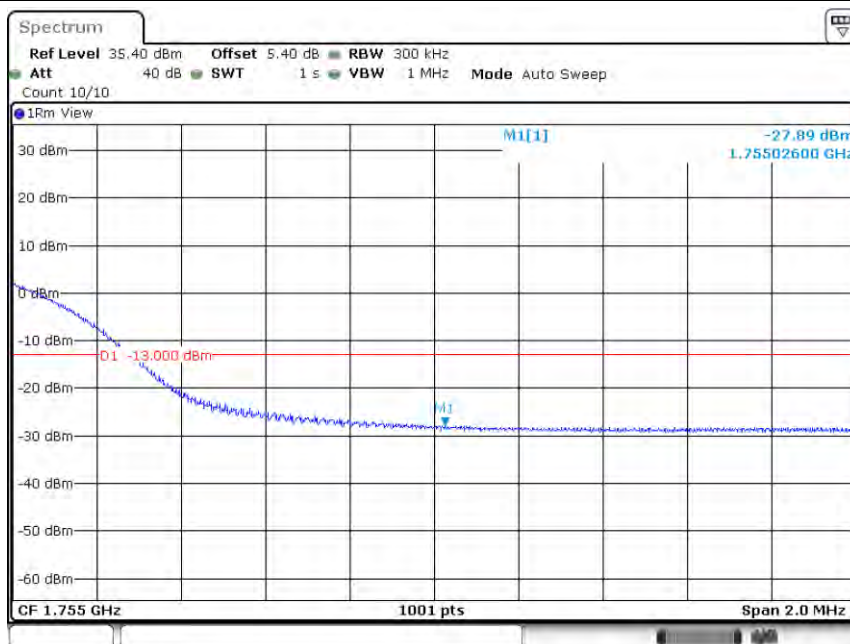


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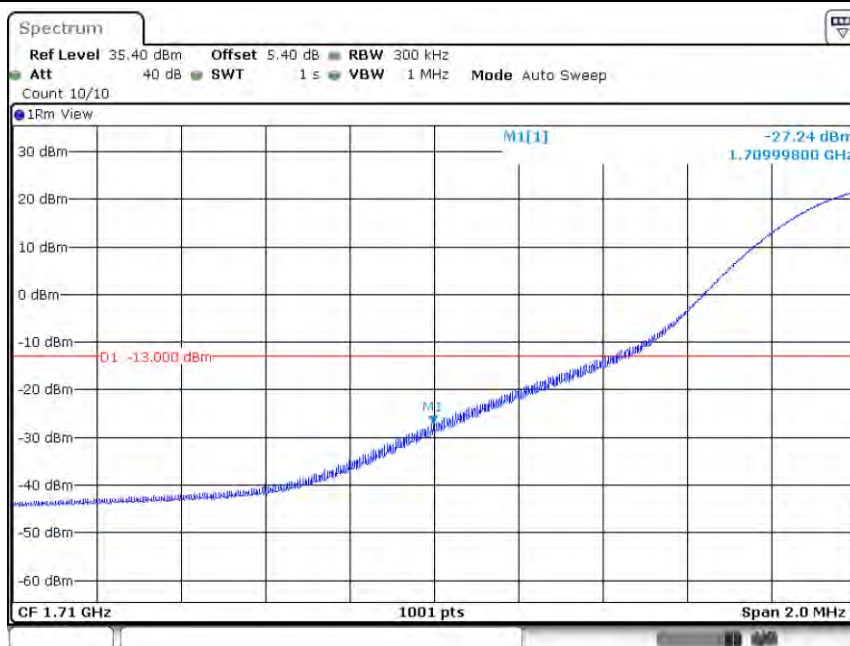


Band4-20MHz-QPSK-20300-100RB#0



Date: 14.AUG.2020 23:12:24

Band4-20MHz-64QAM-20050-1RB#0



Date: 15.AUG.2020 01:59:40



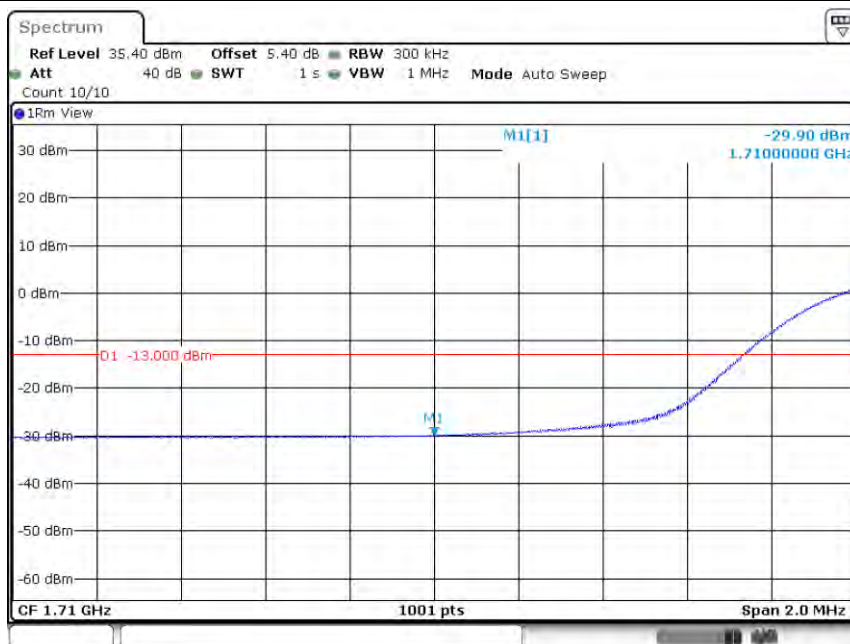
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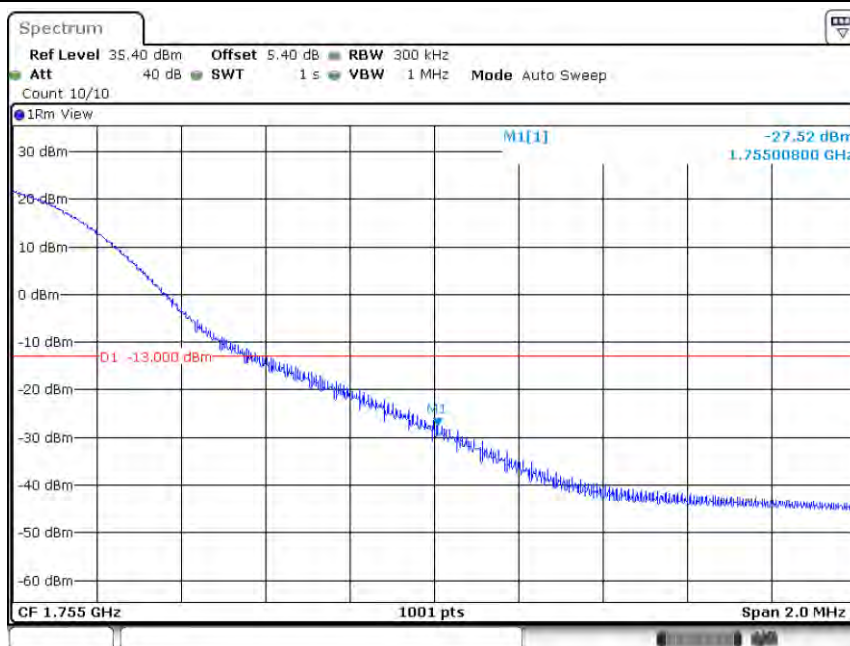


Band4-20MHz-64QAM-20050-100RB#0



Date: 15.AUG.2020 02:00:01

Band4-20MHz-64QAM-20300-1RB#99



Date: 15.AUG.2020 02:00:27

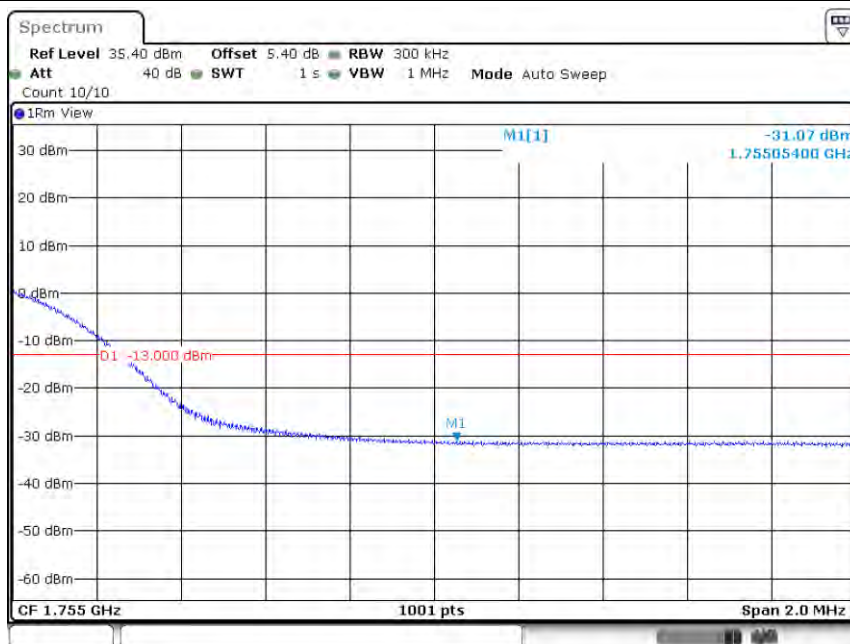


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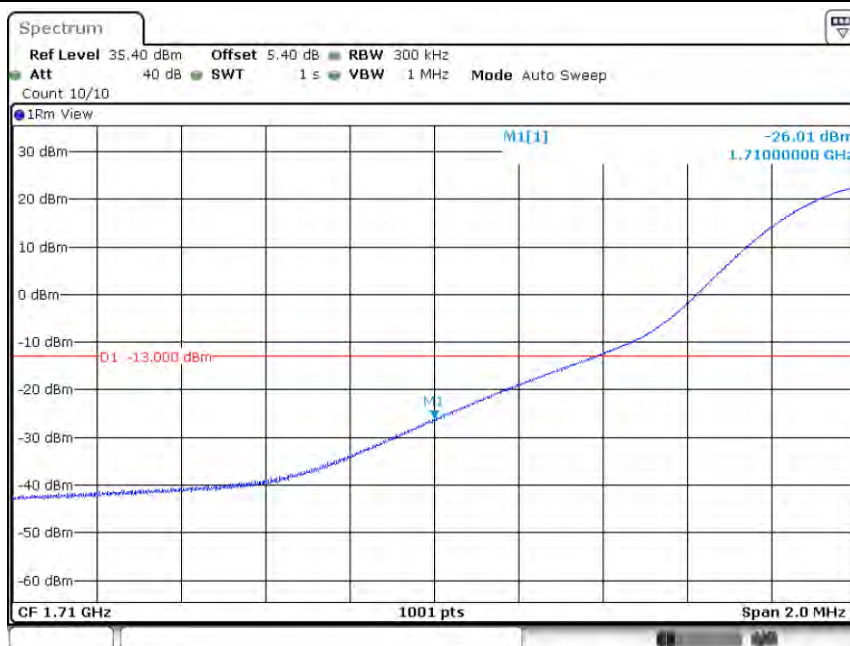


Band4-20MHz-64QAM-20300-100RB#0



Date: 15.AUG.2020 02:00:48

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

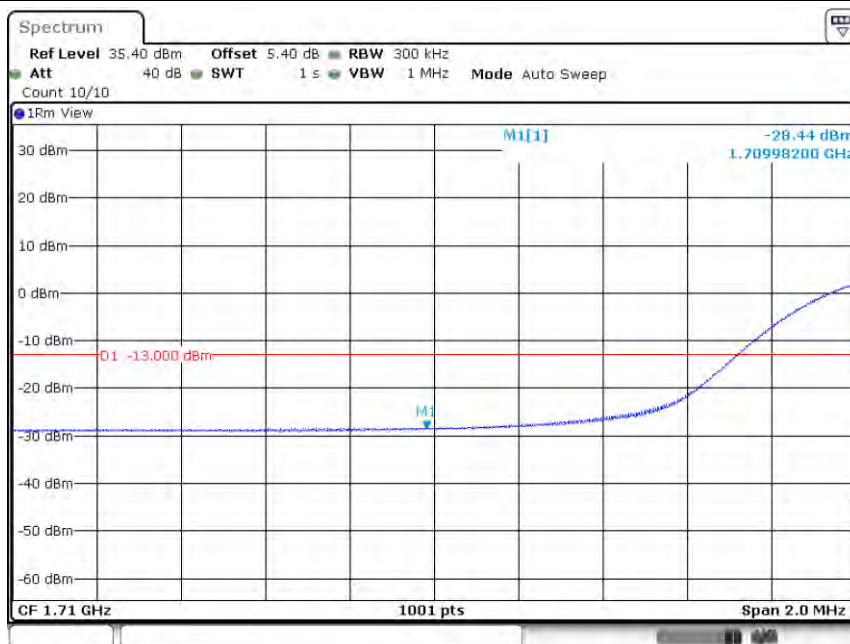


Date: 14.AUG.2020 23:10:35



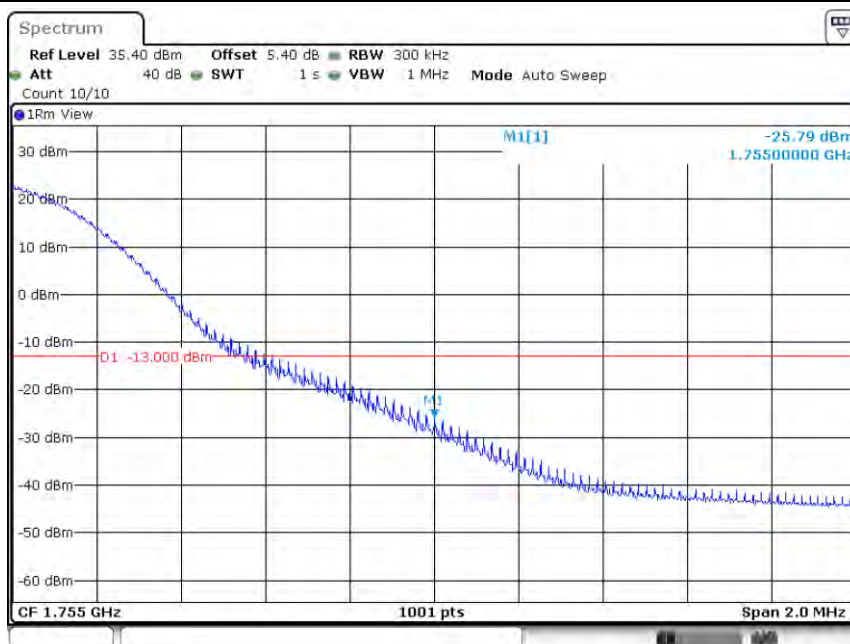


Band4-20MHz-16QAM-20050-100RB#0



Date: 14.AUG.2020 23:11:17

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



Date: 14.AUG.2020 23:12:03



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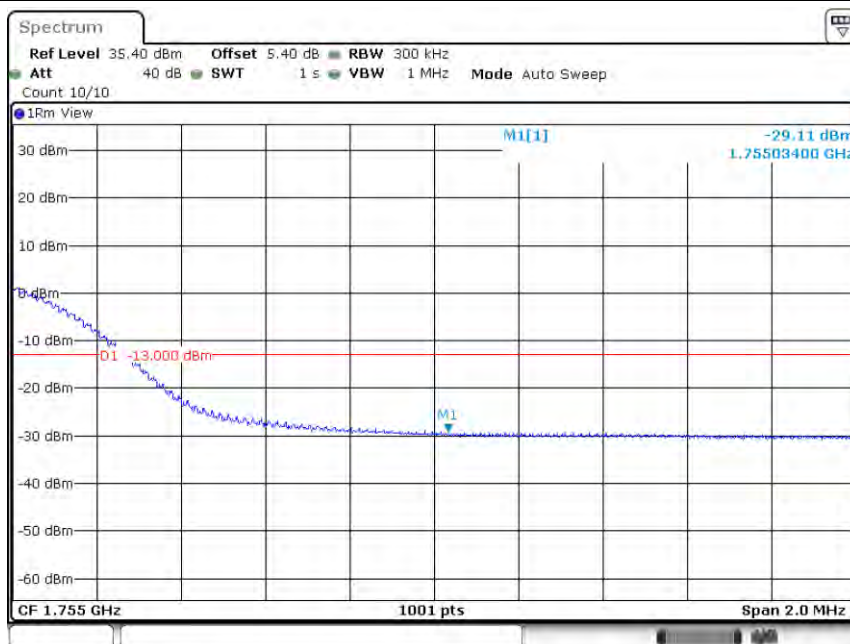
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Band4-20MHz-16QAM-20300-100RB#0



Date: 14.AUG.2020 23:12:44



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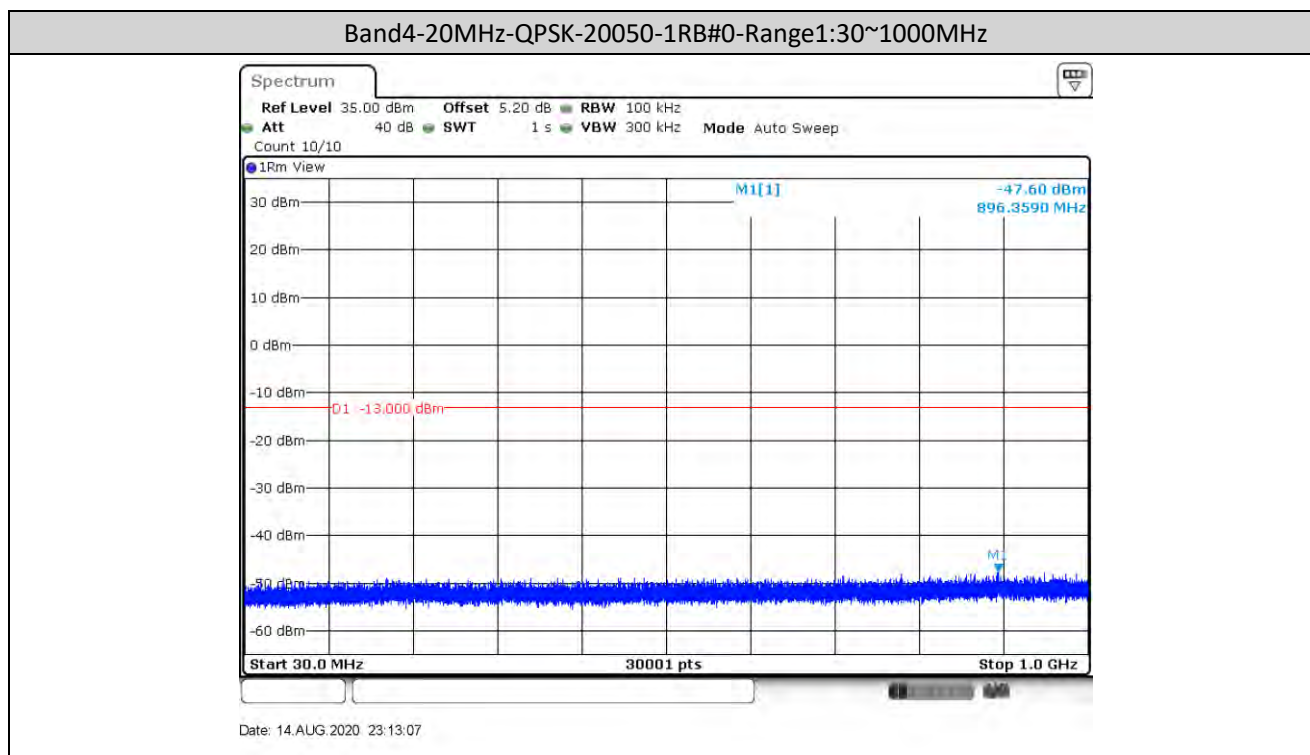


6. Spurious Emission at Antenna Terminal

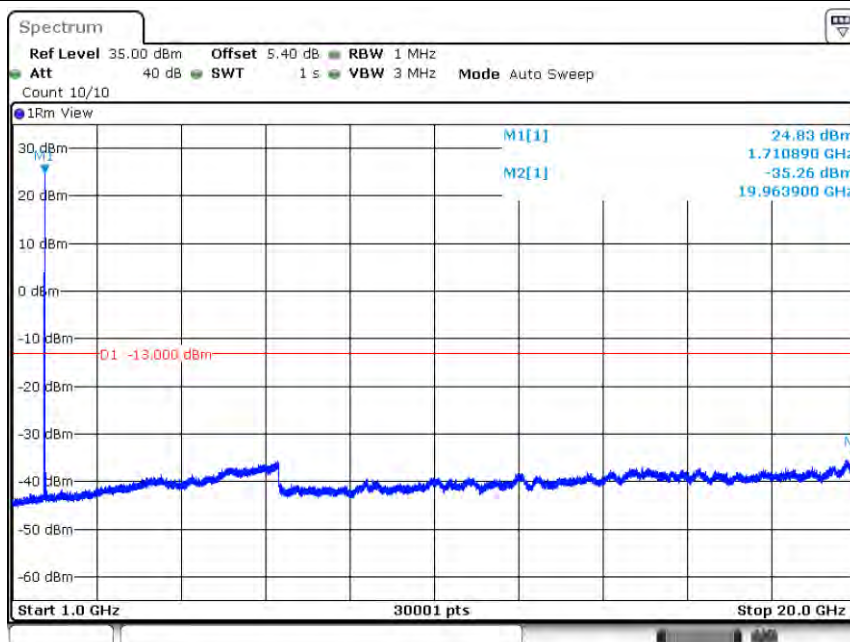
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " 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

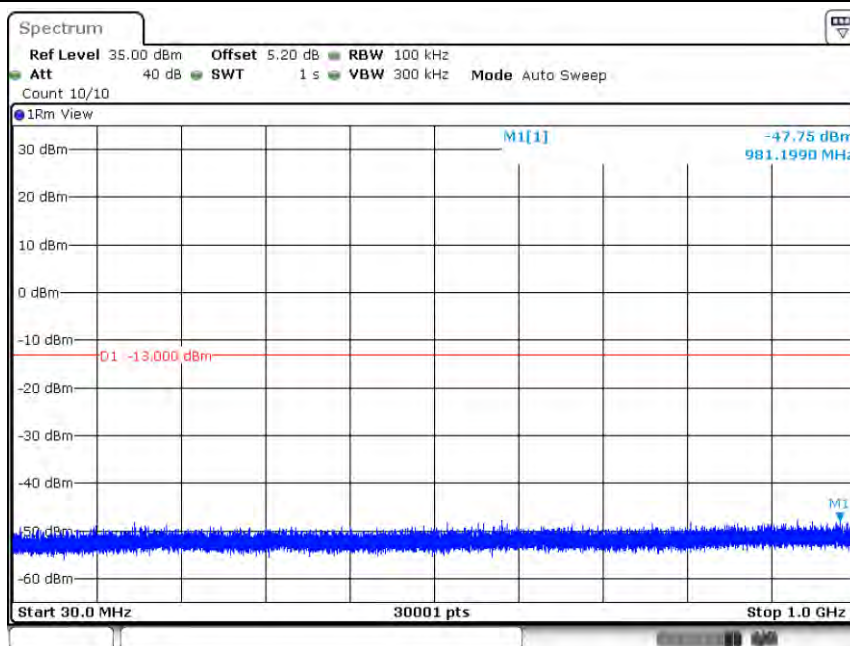


Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:13:24

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



Date: 14.AUG.2020 23:14:18

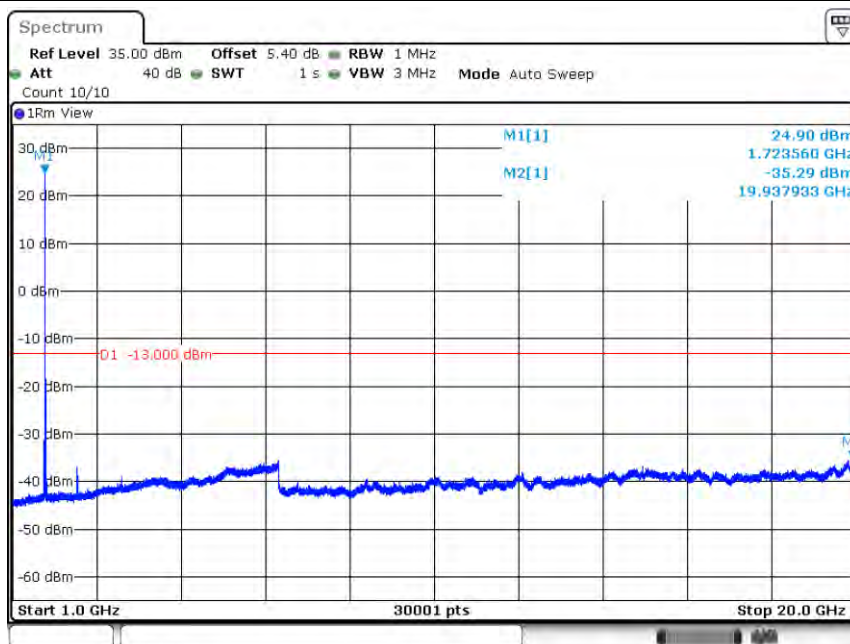


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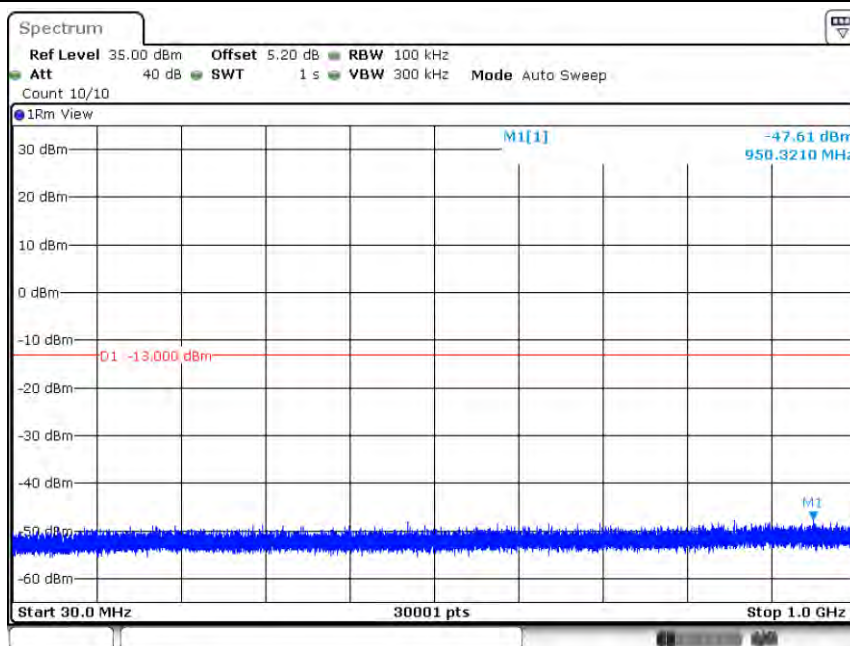


Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:14:35

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



Date: 14.AUG.2020 23:15:30



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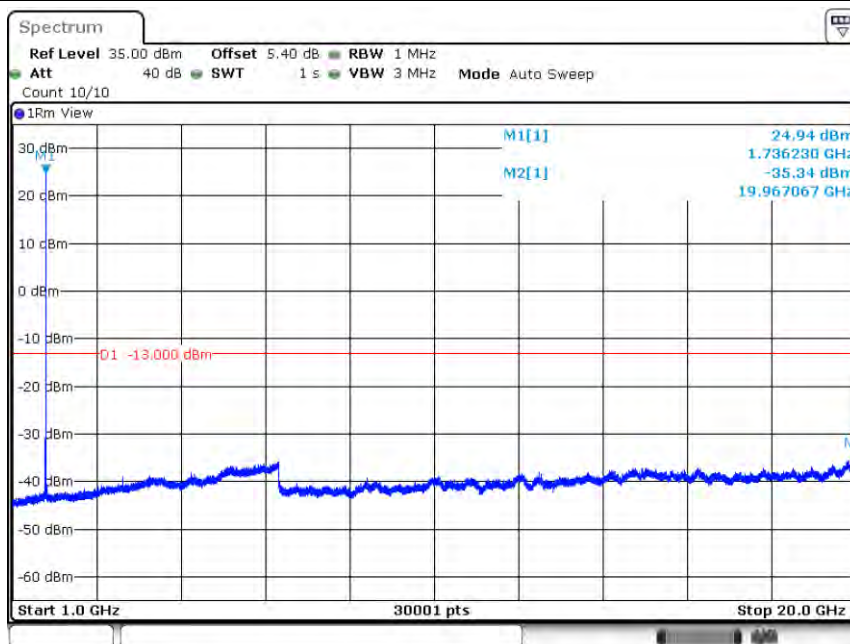
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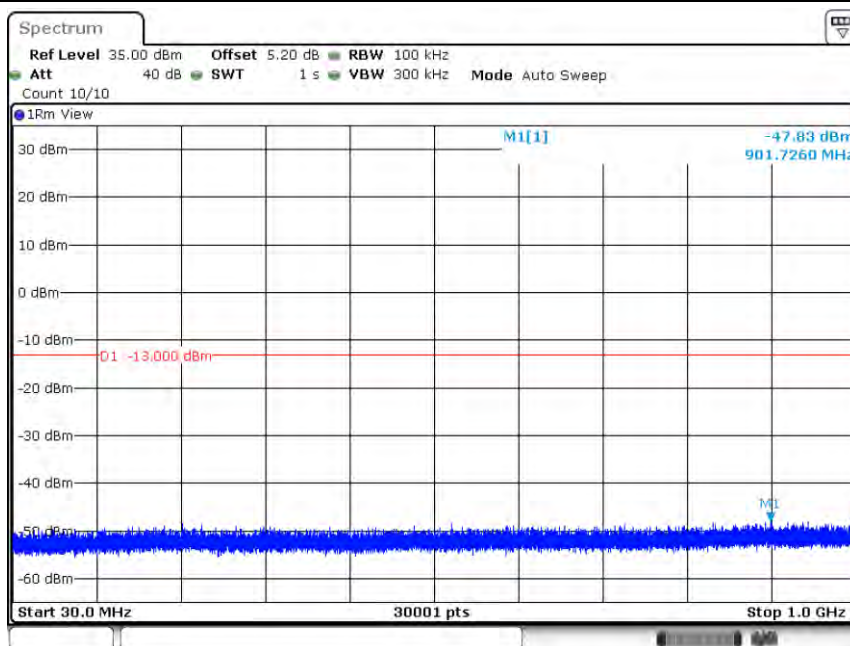


Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:15:46

Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



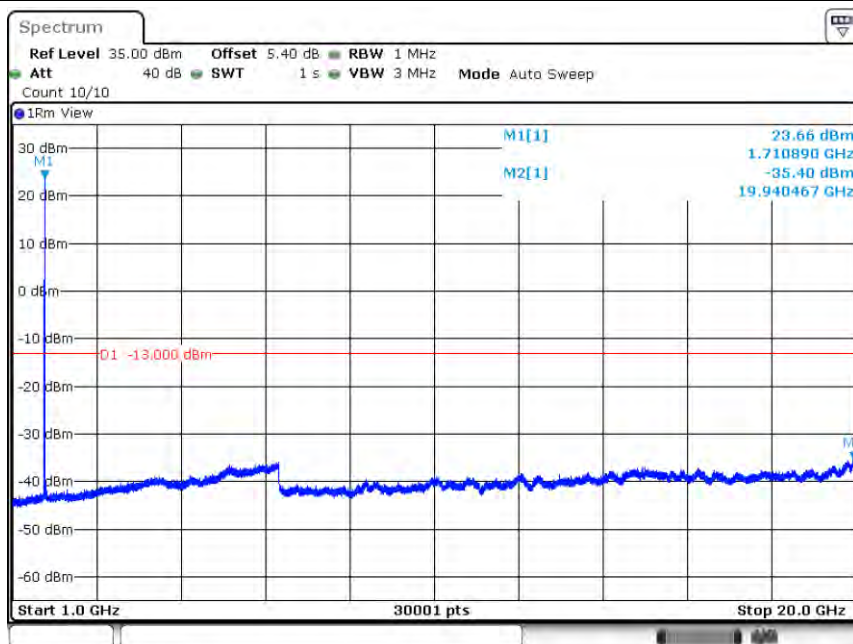
Date: 15.AUG.2020 02:01:13



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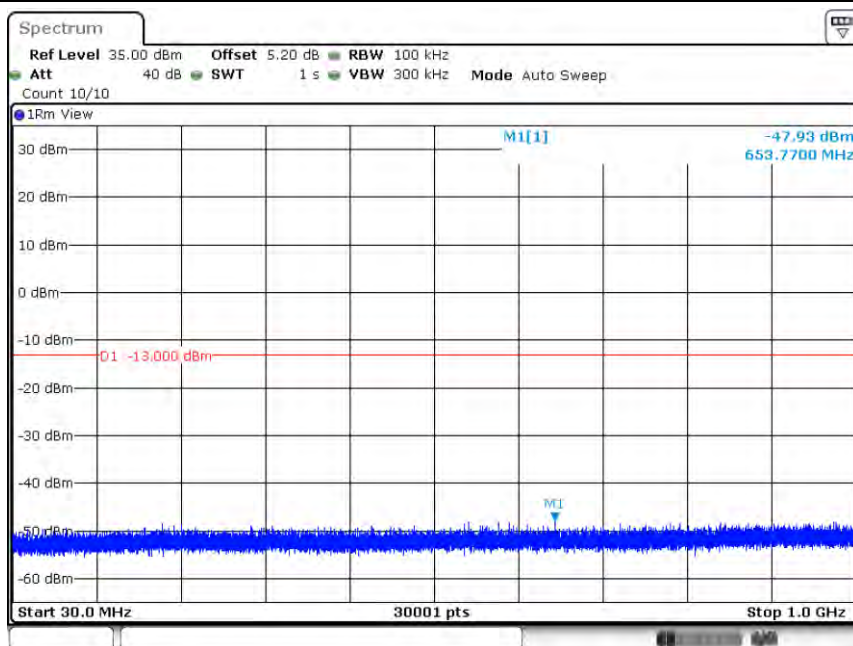
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 15 AUG 2020 02:01:30

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Date: 15 AUG 2020 02:01:49



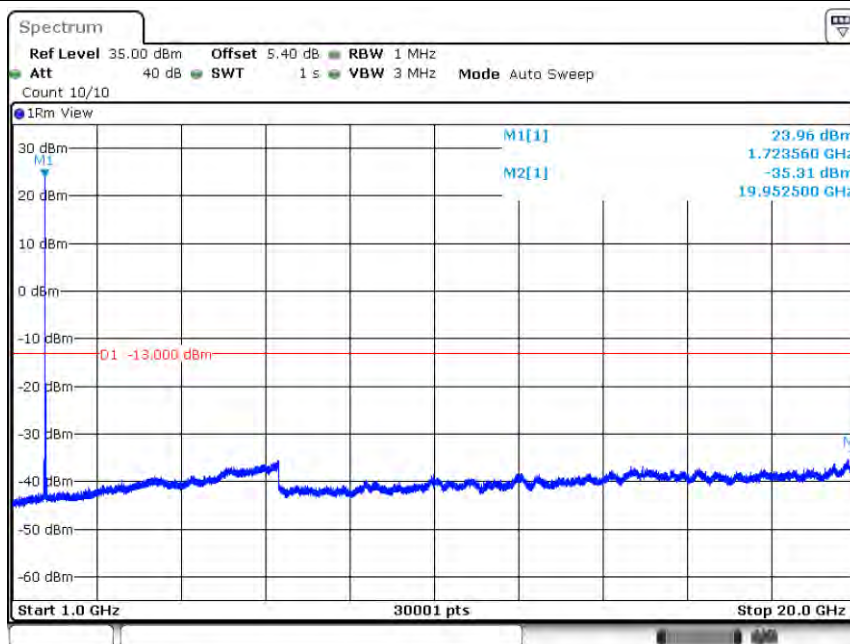
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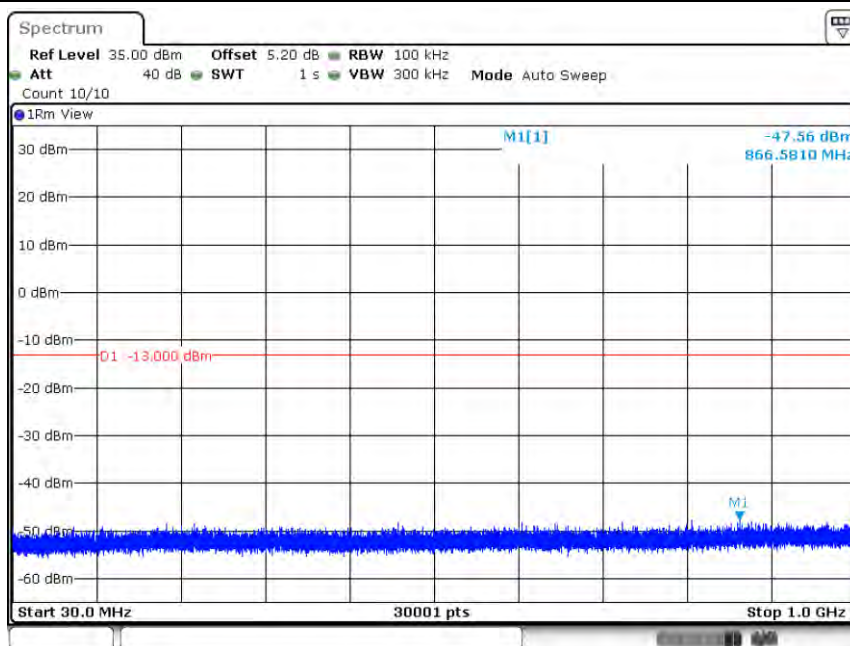


Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 15.AUG.2020 02:02:06

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz

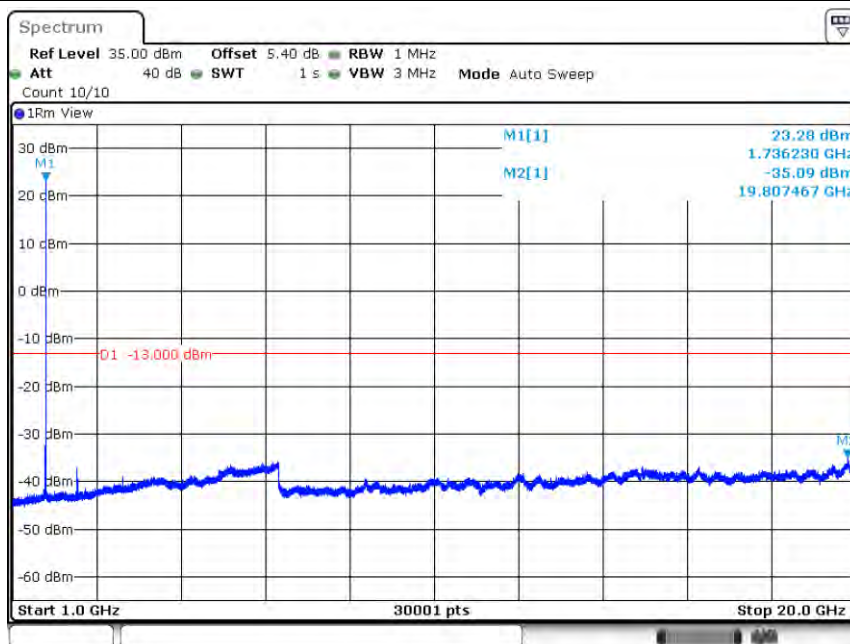


Date: 15.AUG.2020 02:02:25



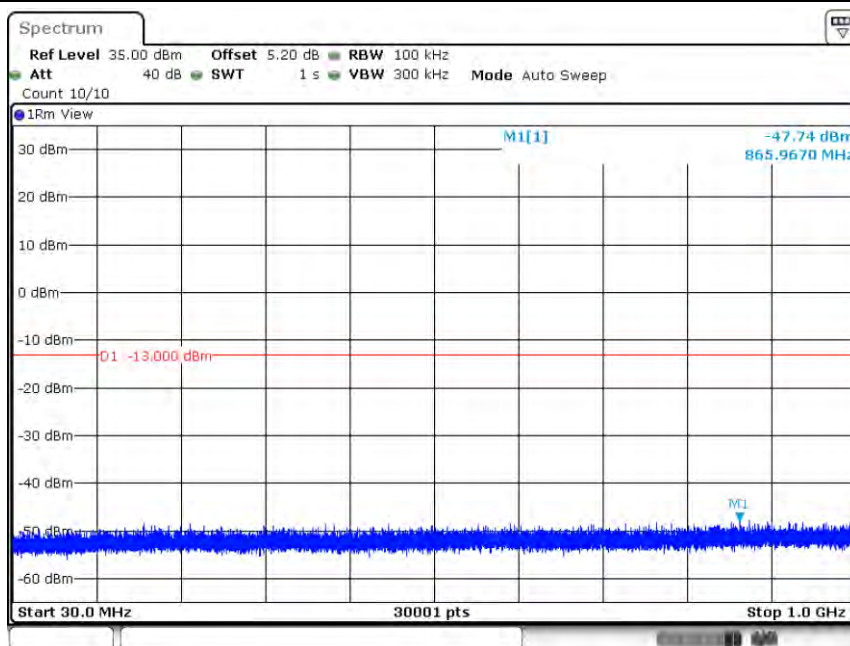


Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 15.AUG.2020 02:02:41

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



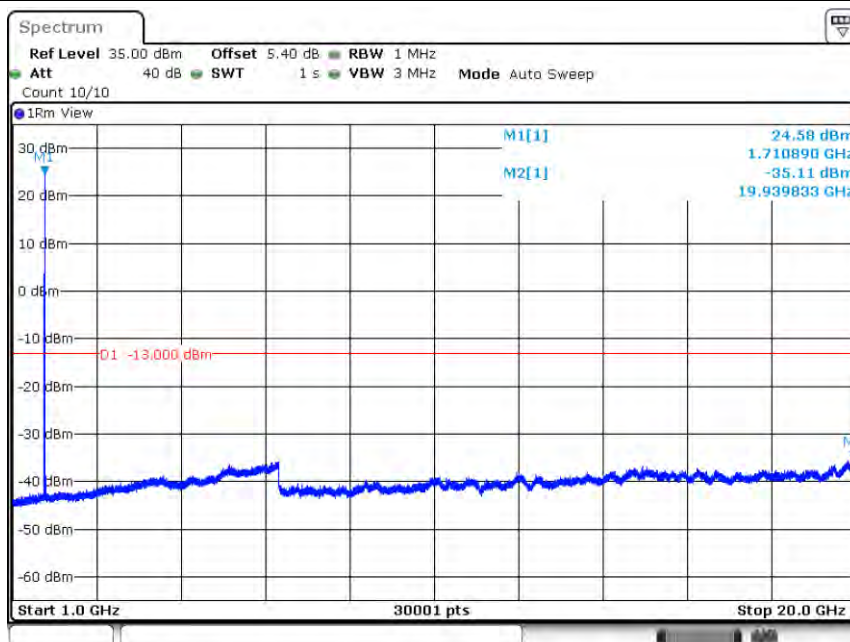
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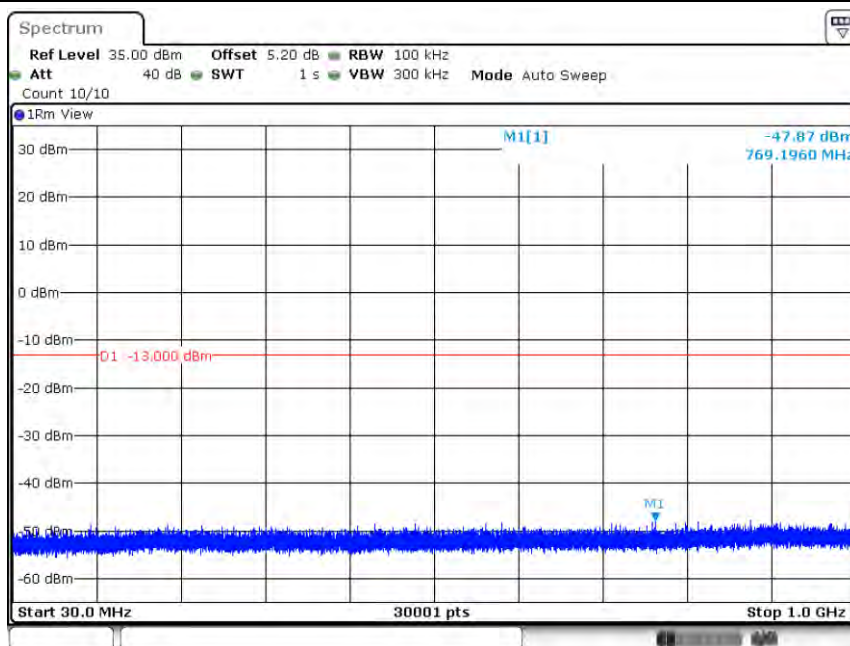
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:13:59

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



Date: 14.AUG.2020 23:14:54

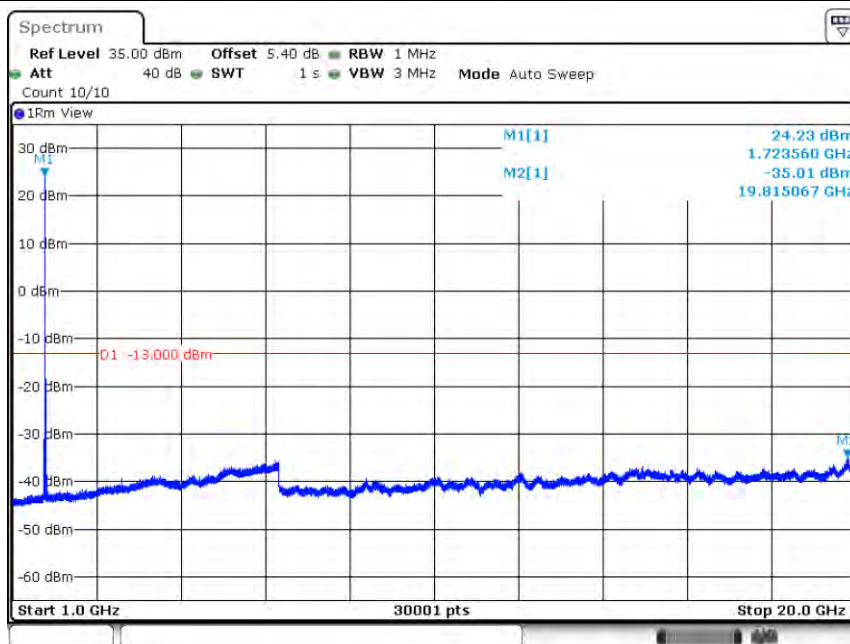


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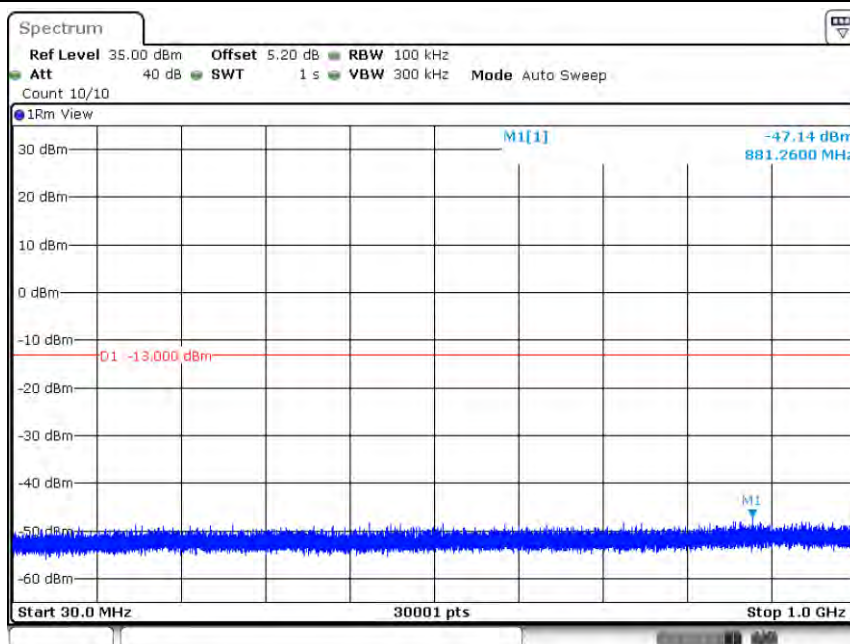


Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:15:10

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Date: 14.AUG.2020 23:16:05

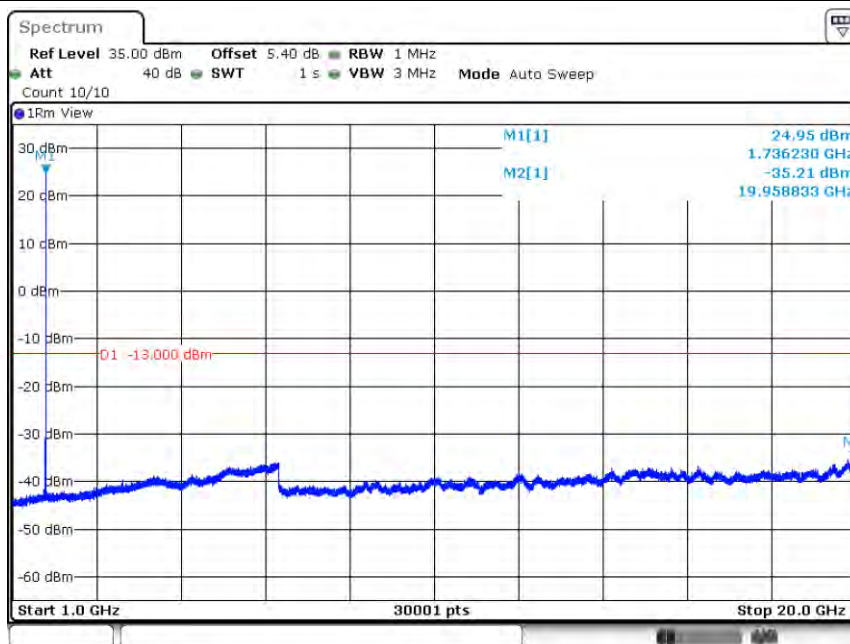


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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 14.AUG.2020 23:16:22



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(Up Antenna)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.1542	-71.68	-13.00	58.68	Vertical
113.7637	-65.54	-13.00	52.54	Vertical
427.8169	-67.02	-13.00	54.02	Vertical
3422.5141	-57.61	-13.00	44.61	Vertical
7407.1469	-56.39	-13.00	43.39	Vertical
17997.4999	-40.41	-13.00	27.41	Vertical
38.5849	-64.54	-13.00	51.54	Horizontal
229.4905	-68.73	-13.00	55.73	Horizontal
833.2487	-57.31	-13.00	44.31	Horizontal
3422.0141	-44.93	-13.00	31.93	Horizontal
9304.7102	-52.99	-13.00	39.99	Horizontal
16397.4466	-43.85	-13.00	30.85	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.8375	-72.04	-13.00	59.04	Vertical
108.7679	-65.30	-13.00	52.30	Vertical
312.4781	-69.71	-13.00	56.71	Vertical
3447.0149	-55.75	-13.00	42.75	Vertical
7355.1452	-55.98	-13.00	42.98	Vertical
17997.4999	-40.59	-13.00	27.59	Vertical
40.2825	-64.36	-13.00	51.36	Horizontal
104.7422	-75.99	-13.00	62.99	Horizontal
229.6845	-67.72	-13.00	54.72	Horizontal
3447.0149	-42.79	-13.00	29.79	Horizontal
7460.6487	-56.52	-13.00	43.52	Horizontal
16404.4468	-43.68	-13.00	30.68	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.4908	-73.22	-13.00	60.22	Vertical
112.3571	-64.32	-13.00	51.32	Vertical
399.2005	-68.36	-13.00	55.36	Vertical
3472.0157	-61.09	-13.00	48.09	Vertical
7353.6451	-56.01	-13.00	43.01	Vertical
17990.9997	-40.70	-13.00	27.70	Vertical
44.3082	-64.33	-13.00	51.33	Horizontal
230.9455	-68.67	-13.00	55.67	Horizontal
563.6722	-65.43	-13.00	52.43	Horizontal
3472.0157	-48.38	-13.00	35.38	Horizontal
7391.1464	-56.42	-13.00	43.42	Horizontal
16399.9467	-44.15	-13.00	31.15	Horizontal



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7.2. Test Mode =LTE/TM1 20MHz(Down Antenna)

7.2.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.5925	-65.51	-13.00	52.51	Vertical
695.6473	-64.26	-13.00	51.26	Vertical
2595.9192	-35.15	-13.00	22.15	Vertical
7356.6452	-55.92	-13.00	42.92	Vertical
14494.8832	-47.94	-13.00	34.94	Vertical
17997.9999	-40.43	-13.00	27.43	Vertical
43.4352	-64.23	-13.00	51.23	Horizontal
587.5354	-64.07	-13.00	51.07	Horizontal
2701.1402	-35.58	-13.00	22.58	Horizontal
3422.0141	-54.73	-13.00	41.73	Horizontal
13353.8451	-50.02	-13.00	37.02	Horizontal
16405.9469	-43.71	-13.00	30.71	Horizontal

7.2.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.7679	-66.05	-13.00	53.05	Vertical
586.8078	-64.88	-13.00	51.88	Vertical
2591.9184	-37.11	-13.00	24.11	Vertical
3447.0149	-61.90	-13.00	48.90	Vertical
14481.3827	-48.18	-13.00	35.18	Vertical
17791.9931	-43.17	-13.00	30.17	Vertical
43.1927	-64.77	-13.00	51.77	Horizontal
547.2784	-64.67	-13.00	51.67	Horizontal
2599.5199	-34.05	-13.00	21.05	Horizontal
3447.0149	-55.17	-13.00	42.17	Horizontal
12895.8299	-49.77	-13.00	36.77	Horizontal
16393.9465	-44.05	-13.00	31.05	Horizontal



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7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.9691	-65.03	-13.00	52.03	Vertical
624.0577	-64.26	-13.00	51.26	Vertical
2701.9404	-36.88	-13.00	23.88	Vertical
7455.1485	-55.47	-13.00	42.47	Vertical
14488.3829	-47.88	-13.00	34.88	Vertical
17992.4998	-40.88	-13.00	27.88	Vertical
44.5022	-64.98	-13.00	51.98	Horizontal
234.9227	-68.63	-13.00	55.63	Horizontal
2698.7397	-35.73	-13.00	22.73	Horizontal
3472.0157	-54.33	-13.00	41.33	Horizontal
13496.3499	-50.04	-13.00	37.04	Horizontal
16367.4456	-44.85	-13.00	31.85	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	2.40	0.001395	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	4.60	0.002674	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.90	0.000519	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.80	0.001039	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.70	0.000404	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	0.20	0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	4.60	0.002674	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	0.90	0.000523	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	0.90	0.000523	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	2.40	0.001385	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	2.70	0.001558	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	2.90	0.001674	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-0.60	-0.000344	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	4.20	0.002442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	3.80	0.002209	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	1.00	0.000581	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	1.20	0.000693	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	0.30	0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	1.70	0.000981	±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	-0.60	-0.000344	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.30	-0.001891	±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
------	-----------	------------	---------	--------------	---------------	------------------	----------------	-----------------	-------------	---------



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Band4	20MHz	QPSK	20050	100RB#0	NV	-30	2.00	0.001163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.60	0.001512	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	0.70	0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.40	0.001977	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	1.50	0.000872	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	2.70	0.001570	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	2.50	0.001453	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	0.60	0.000349	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.80	0.001039	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.60	0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.70	0.000404	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	2.90	0.001674	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.90	0.000519	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	2.10	0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	0.50	0.000289	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	0.70	0.000404	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-1.60	-0.000917	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	0.20	0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-0.60	-0.000344	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	3.10	0.001802	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	2.50	0.001453	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	0.50	0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	3.60	0.002093	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	3.40	0.001977	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	3.40	0.001977	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	0.40	0.000231	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	1.10	0.000635	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	0.30	0.000173	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-0.90	-0.000519	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	3.50	0.002020	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-0.60	-0.000346	±2.5	PASS



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Band4	20MHz	64QAM	20175	100RB#0	NV	40	1.00	0.000577	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	2.90	0.001674	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-1.40	-0.000802	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	0.60	0.000344	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	4.60	0.002674	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	1.20	0.000698	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	3.70	0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	4.50	0.002616	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	4.00	0.002326	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	4.20	0.002442	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	0.40	0.000233	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	1.50	0.000872	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	0.60	0.000346	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	1.80	0.001039	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-0.90	-0.000519	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.60	0.000346	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-0.90	-0.000516	±2.5	PASS

