



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#0	22.84	20.57	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.78	20.75	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.78	20.81	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.11	20.94	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.82	20.75	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.91	20.80	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.72	19.83	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.74	20.67	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.82	20.76	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.86	20.91	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.00	20.73	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.93	20.70	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.99	20.75	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.79	19.74	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.02	20.59	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.83	20.57	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.90	20.58	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.88	20.72	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.93	20.58	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.83	20.64	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.80	19.58	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.12	18.92	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.15	18.88	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.19	19.32	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.77	19.31	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.91	18.64	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.19	18.95	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	19.68	17.69	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.30	18.72	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.37	18.80	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.20	18.97	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.87	18.91	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.97	18.79	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.18	18.53	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.79	17.55	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.32	18.60	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.21	18.59	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.45	19.06	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.67	19.09	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.90	18.65	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.19	18.85	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.67	17.52	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.20	20.10	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.16	20.07	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.21	20.04	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.98	19.87	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.77	19.89	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.86	20.07	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.85	18.86	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.29	20.28	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.26	20.18	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.27	19.89	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.86	19.76	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.97	19.84	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.99	19.82	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.01	18.76	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.30	20.10	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.07	20.03	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.20	19.93	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.84	19.64	30	PASS



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Band4	1.4MHz	16QAM	20393	3RB#1	21.82	19.92	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.91	19.84	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.98	18.63	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.85	20.82	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.59	20.60	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.82	20.64	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.95	19.79	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.87	19.87	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.84	19.84	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.80	19.79	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.74	20.78	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.62	20.46	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.76	20.72	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.93	19.75	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.91	19.71	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.90	19.72	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.85	19.77	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.69	20.79	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.59	20.15	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.85	20.52	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.85	19.53	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.94	19.59	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.88	19.61	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.90	19.63	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.98	18.64	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.86	18.95	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.26	18.45	30	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.78	17.87	30	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.57	17.78	30	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.66	17.56	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.85	17.70	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.12	18.79	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.80	18.53	30	PASS



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Band4	3MHz	64QAM	20175	1RB#14	21.07	18.30	30	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.66	17.69	30	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.77	17.65	30	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.79	17.51	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.04	17.55	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.98	18.65	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.50	18.85	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.07	18.26	30	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.64	17.51	30	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.62	17.49	30	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.71	17.27	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.85	17.42	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.02	20.04	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.07	20.22	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.14	20.18	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.85	18.99	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.03	18.84	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.79	18.72	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.92	18.89	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.30	19.96	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.17	20.02	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.22	20.10	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.04	18.89	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.05	18.72	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.05	18.85	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.93	18.75	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.13	19.82	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.97	19.90	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.37	19.89	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.85	18.71	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.76	18.49	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.81	18.65	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.88	18.72	30	PASS



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Band4	5MHz	QPSK	19975	1RB#0	22.46	20.75	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.86	20.80	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.77	20.84	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.81	19.85	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.88	19.83	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.78	19.88	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.86	19.93	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.69	20.66	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.94	20.74	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.92	20.66	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.92	19.77	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.86	19.73	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.89	19.74	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.98	19.73	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.79	20.61	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.76	20.46	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.85	20.60	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.83	19.63	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.85	19.66	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.85	19.65	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.86	19.64	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.01	18.74	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.76	18.92	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.03	18.88	30	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.64	17.79	30	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.72	17.64	30	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.57	17.52	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.70	17.69	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.12	18.66	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.86	18.72	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.05	18.80	30	PASS
Band4	5MHz	64QAM	20175	12RB#0	19.80	17.69	30	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.70	17.52	30	PASS



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Band4	5MHz	64QAM	20175	12RB#13	19.81	17.65	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.69	17.55	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.01	18.52	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.79	18.60	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.97	18.59	30	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.66	17.51	30	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.61	17.29	30	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.69	17.45	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.70	17.52	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.49	20.38	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.56	20.62	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.46	20.61	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.83	18.86	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.80	18.84	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.83	18.79	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.88	18.93	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.48	20.30	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.65	20.27	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.22	20.21	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.05	18.69	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.99	18.68	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.84	18.68	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.99	18.85	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.49	20.11	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.53	20.36	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.38	20.39	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.97	18.67	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.91	18.60	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.80	18.61	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.87	18.54	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.69	20.73	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.88	20.87	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.15	20.88	30	PASS



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Band4	10MHz	QPSK	20000	25RB#0	21.84	19.85	30	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.87	19.85	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.92	19.95	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.00	19.91	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.84	20.71	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.85	20.85	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.08	20.80	30	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.92	19.80	30	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.98	19.80	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.03	19.76	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.06	19.77	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.79	20.76	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.69	20.55	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.10	20.72	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.90	19.58	30	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.95	19.57	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.93	19.66	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.95	19.52	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.19	19.08	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.26	19.32	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.16	19.31	30	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.80	17.66	30	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.64	17.64	30	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.77	17.59	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.87	17.73	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.18	19.00	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.35	18.97	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.92	18.91	30	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.97	17.49	30	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.88	17.48	30	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.87	17.48	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.00	17.65	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.19	18.81	30	PASS



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Band4	10MHz	64QAM	20350	1RB#24	21.23	19.06	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.08	19.09	30	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.87	17.47	30	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.80	17.40	30	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.70	17.41	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.73	17.34	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.42	19.91	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.45	20.53	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.49	20.51	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.11	18.99	30	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.99	18.89	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.96	18.99	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.10	18.86	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.60	20.09	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.67	20.26	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.50	20.33	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.12	18.77	30	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.99	18.68	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.09	18.78	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.07	18.86	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.62	20.39	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.51	20.00	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.75	20.12	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.01	18.76	30	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.98	18.66	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.04	18.76	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.99	18.62	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.05	20.64	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.93	20.82	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.27	21.09	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.85	19.92	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.85	19.91	30	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.84	19.73	30	PASS



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Band4	15MHz	QPSK	20025	75RB#0	21.93	19.81	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.03	20.57	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.01	20.50	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.24	20.84	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.90	19.85	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.88	19.78	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.95	19.81	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.02	19.79	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.15	20.68	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.74	20.47	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.23	20.68	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.86	19.57	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.79	19.51	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.96	19.47	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.76	19.47	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.72	18.66	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.77	18.80	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.84	18.62	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.96	17.66	30	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.94	17.42	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.82	17.46	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.99	17.49	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.00	18.79	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.87	18.77	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.92	18.60	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	19.79	17.49	30	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.78	17.40	30	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.95	17.59	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.85	17.49	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.83	18.74	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.67	18.69	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.07	18.51	30	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.77	17.47	30	PASS



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Band4	15MHz	64QAM	20325	36RB#18	19.70	17.31	30	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.75	17.54	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.82	17.48	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.28	20.52	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.16	20.20	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.56	20.36	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.84	18.85	30	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.92	18.95	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.77	18.88	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.90	18.79	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.42	20.11	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.10	19.87	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.37	19.92	30	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.00	18.79	30	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.90	18.74	30	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.01	18.57	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.89	18.80	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.28	20.10	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.80	19.57	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.37	20.17	30	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.86	18.58	30	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.81	18.52	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.89	18.42	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.90	18.53	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.69	20.72	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.58	20.46	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.02	20.77	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.95	19.67	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.85	19.87	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.13	20.09	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.97	19.91	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.79	20.56	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.84	20.53	30	PASS



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Band4	20MHz	QPSK	20175	1RB#99	23.03	20.57	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.10	19.91	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.99	19.85	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.97	19.70	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.01	19.76	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.92	20.38	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.76	20.26	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.01	20.47	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.99	19.65	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.00	19.63	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.97	19.40	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.93	19.64	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.90	18.61	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.86	19.23	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.91	19.21	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.91	17.79	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.79	17.69	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.76	17.79	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.90	17.66	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.99	18.79	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.96	18.96	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.97	19.03	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.92	17.57	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.79	17.48	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.89	17.58	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.87	17.66	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.00	19.09	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.77	18.70	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.90	18.82	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.81	17.56	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.78	17.46	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.84	17.56	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.79	17.42	30	PASS



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Band4	20MHz	16QAM	20050	1RB#0	22.31	19.94	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.06	20.25	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.33	19.75	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.00	19.07	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.84	18.98	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.97	18.76	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.07	18.90	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.42	20.09	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.16	19.83	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.35	19.60	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.17	18.89	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.08	18.85	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.07	18.71	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.20	18.75	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.31	19.95	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.09	20.15	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.27	19.56	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.07	18.71	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.00	18.69	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.90	18.47	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.93	18.62	30	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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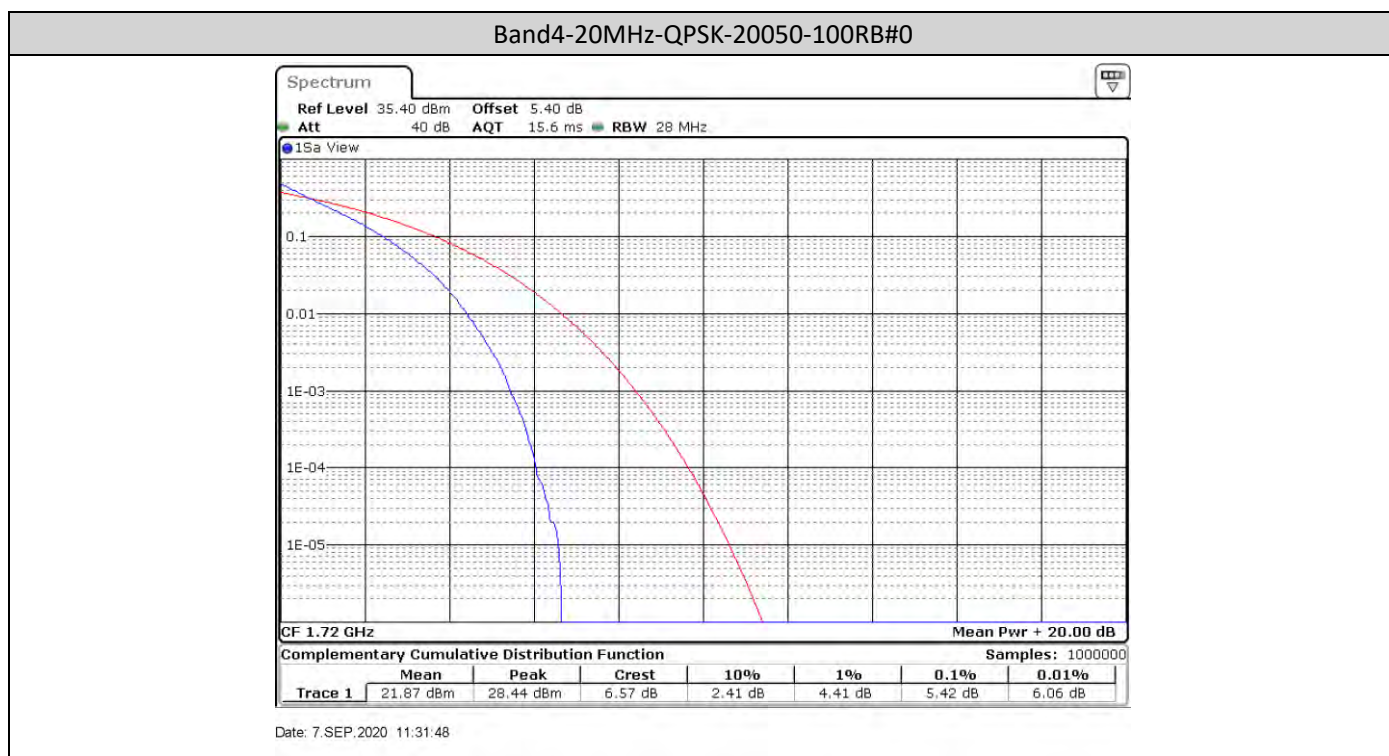


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.19	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.13	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.52	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.43	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.38	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.32	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.06	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.00	13	PASS

2.2. Test Plots



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



Date: 7.SEP.2020 11:32:10

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

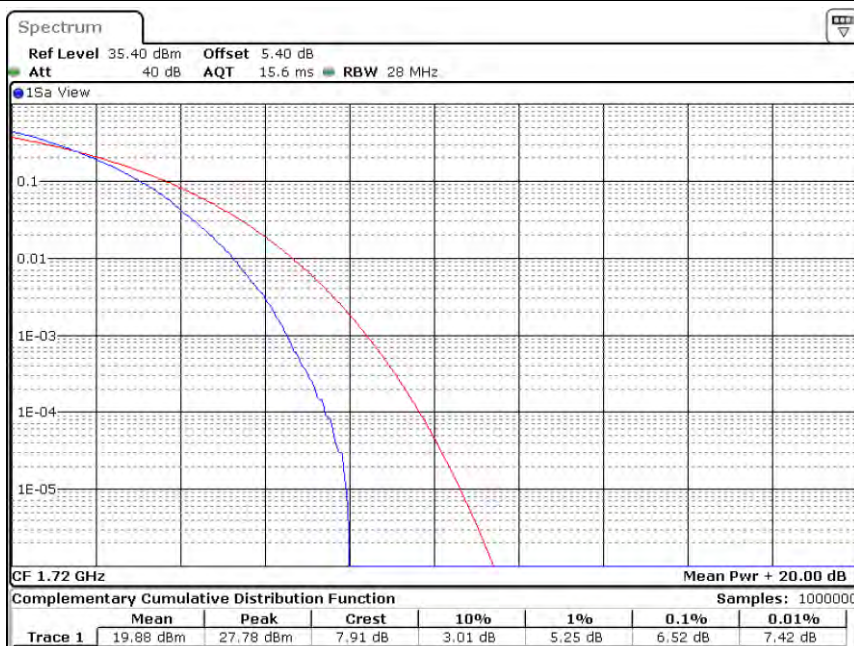


Date: 7.SEP.2020 11:32:33





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



Date: 7.SEP.2020 12:45:45

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



Date: 7.SEP.2020 12:45:57



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



Date: 7.SEP.2020 12:46:08

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



Date: 7.SEP.2020 11:31:59





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



Date: 7.SEP.2020 11:32:21

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



Date: 7.SEP.2020 11:32:44



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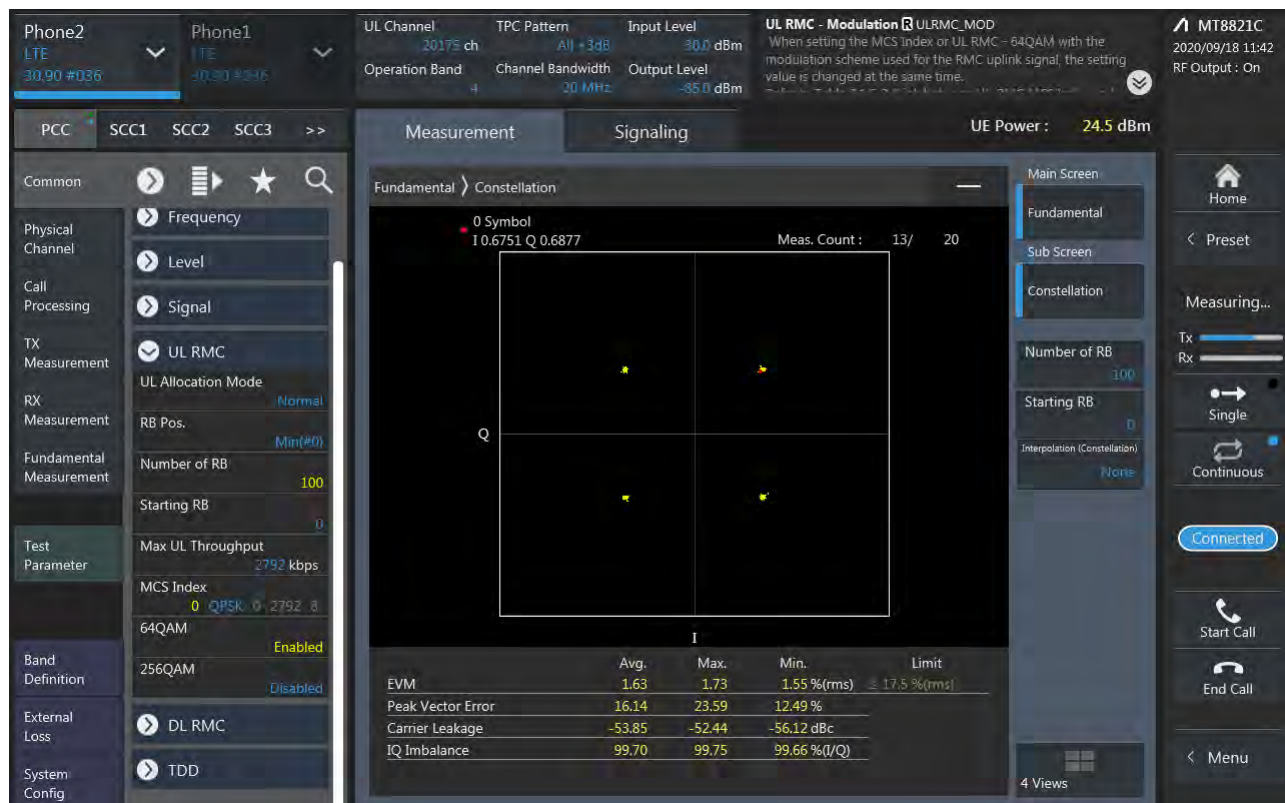
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3. Modulation Characteristics

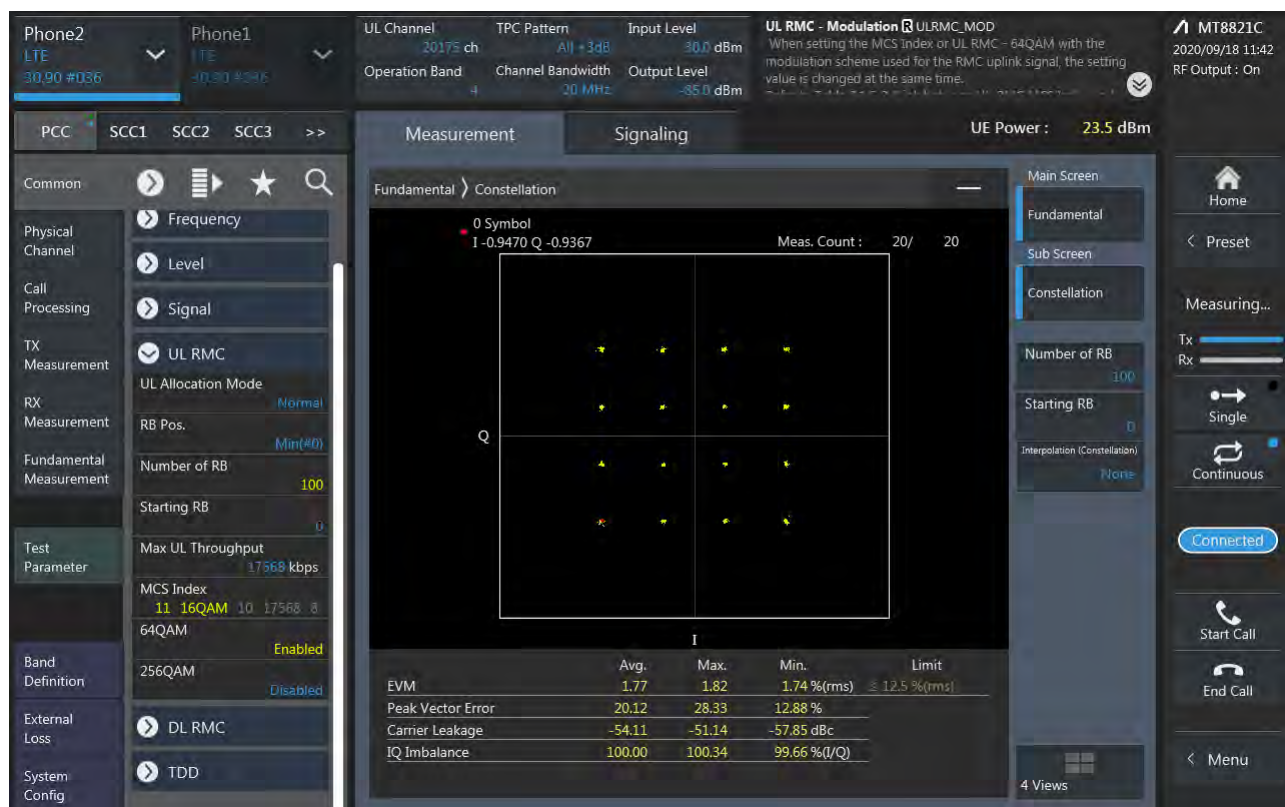
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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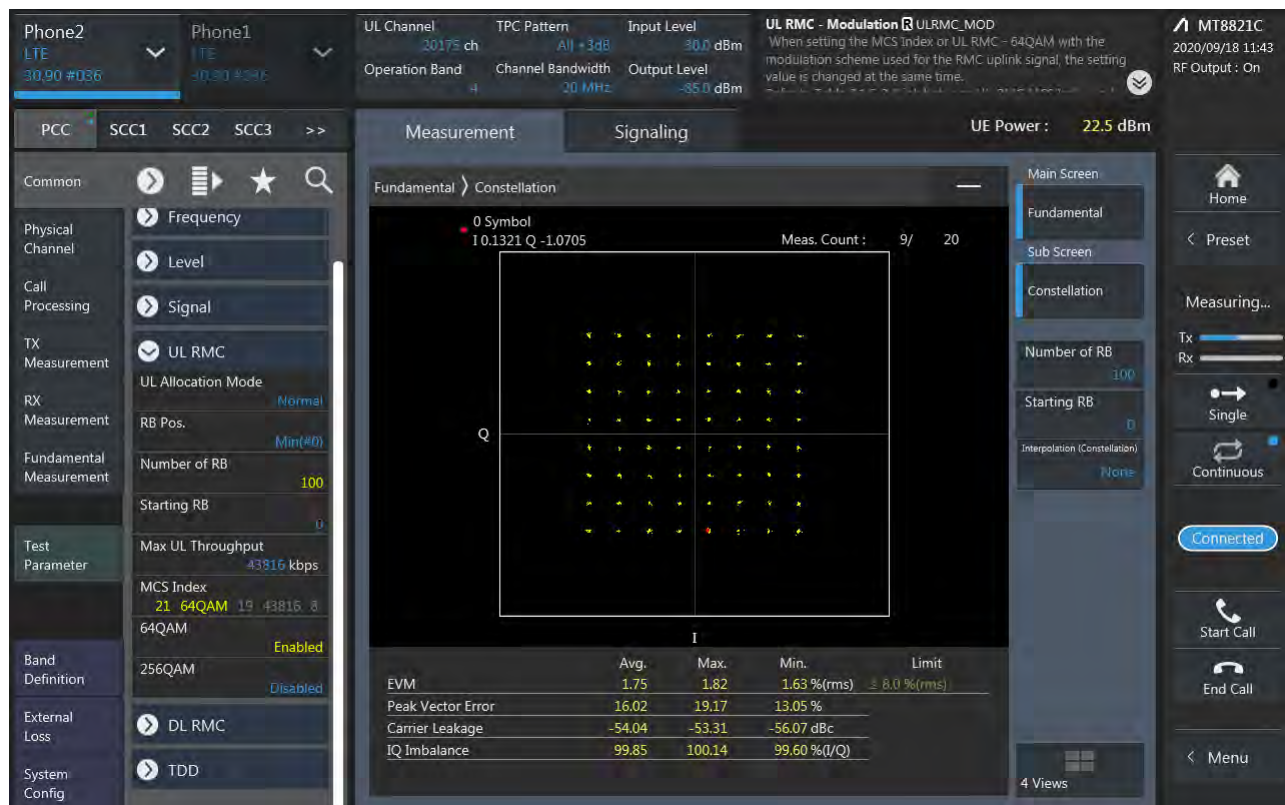
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3.3. Test Mode = LTE /TM3 20MHz

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	1.091	1.287	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.097	1.287	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.094	1.284	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.097	1.305	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.103	1.290	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.097	1.296	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.281	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.082	1.281	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.284	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	2.988	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	2.994	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.703	2.988	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.964	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.970	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.697	2.976	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.970	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.982	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.920	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.920	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.920	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.890	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.890	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.900	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.476	4.940	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.950	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	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.740	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.680	PASS



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Band4	10MHz	64QAM	20350	50RB#0	8.931	9.700	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.740	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.931	9.740	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.760	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.457	14.760	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.730	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.730	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.970	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.820	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.730	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.730	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.942	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.400	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.902	19.480	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.480	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.902	19.400	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.520	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.440	PASS



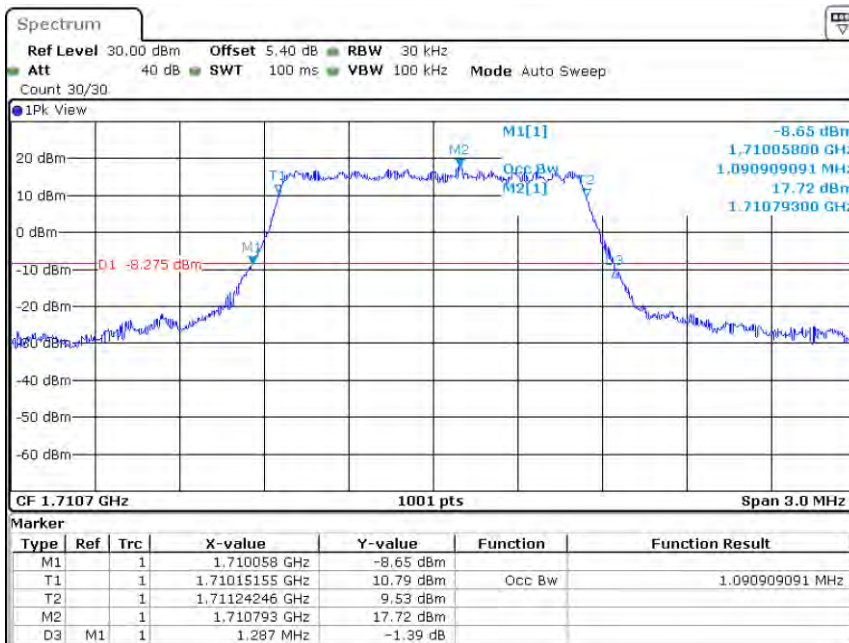
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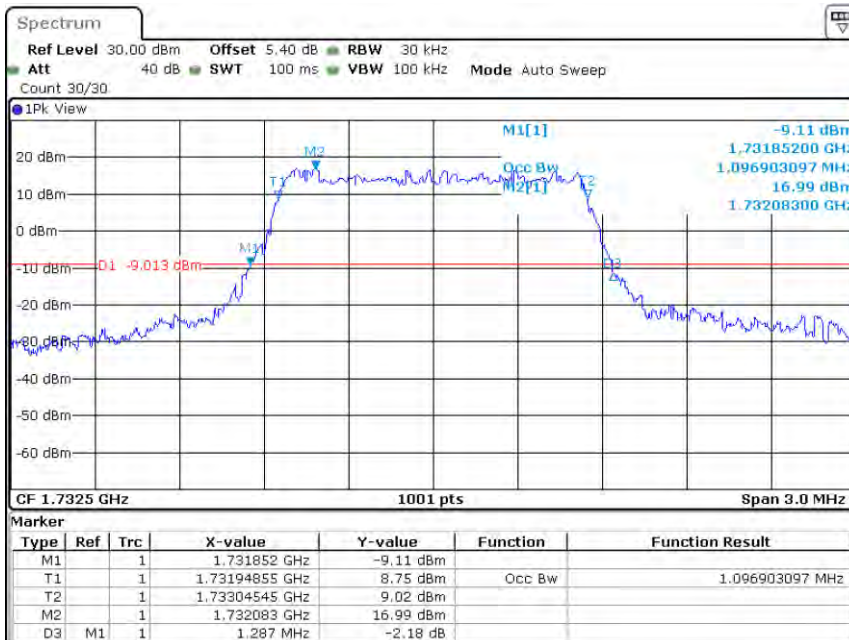
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.091



Date: 7.SEP.2020 10:45:51

Band4-1.4MHz-QPSK-20175-6RB#0-1.097



Date: 7.SEP.2020 10:46:17

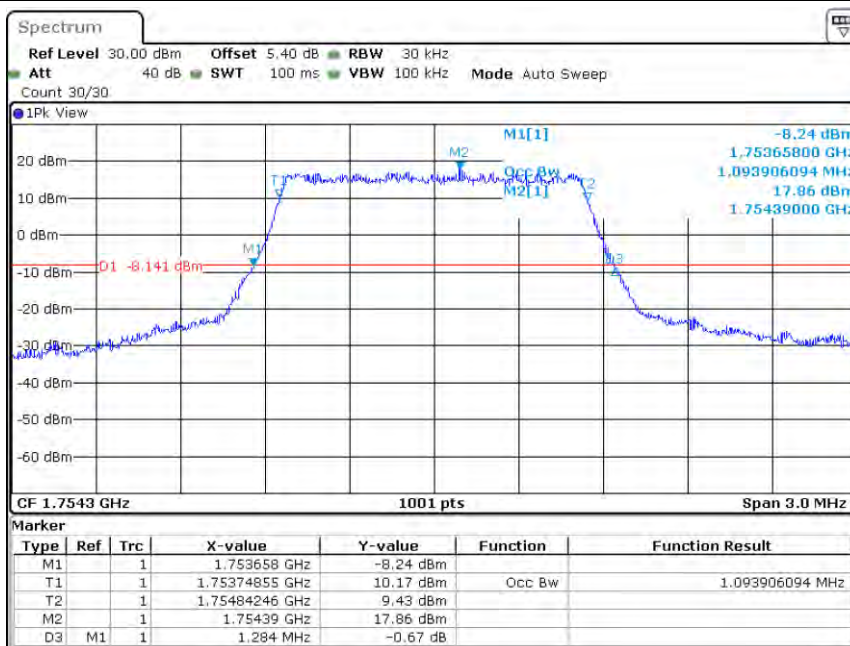


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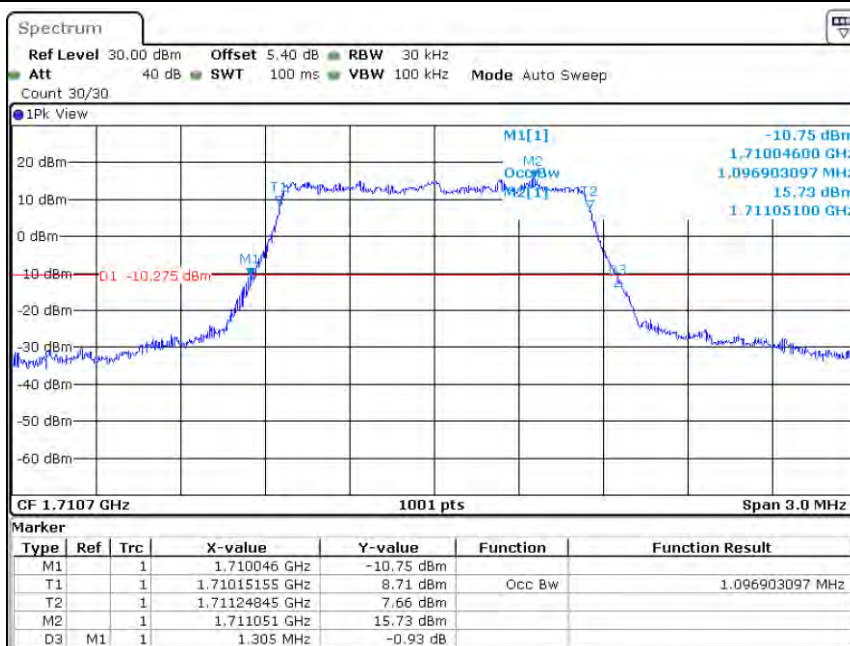
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Band4-1.4MHz-QPSK-20393-6RB#0-1.094



Date: 7.SEP.2020 10:46:43

Band4-1.4MHz-64QAM-19957-6RB#0-1.097



Date: 7.SEP.2020 12:29:27

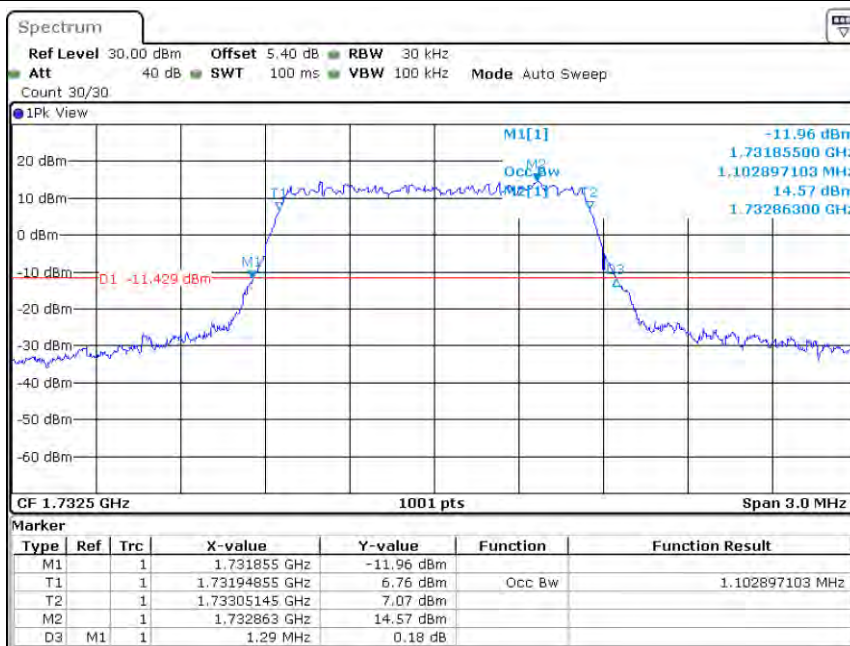


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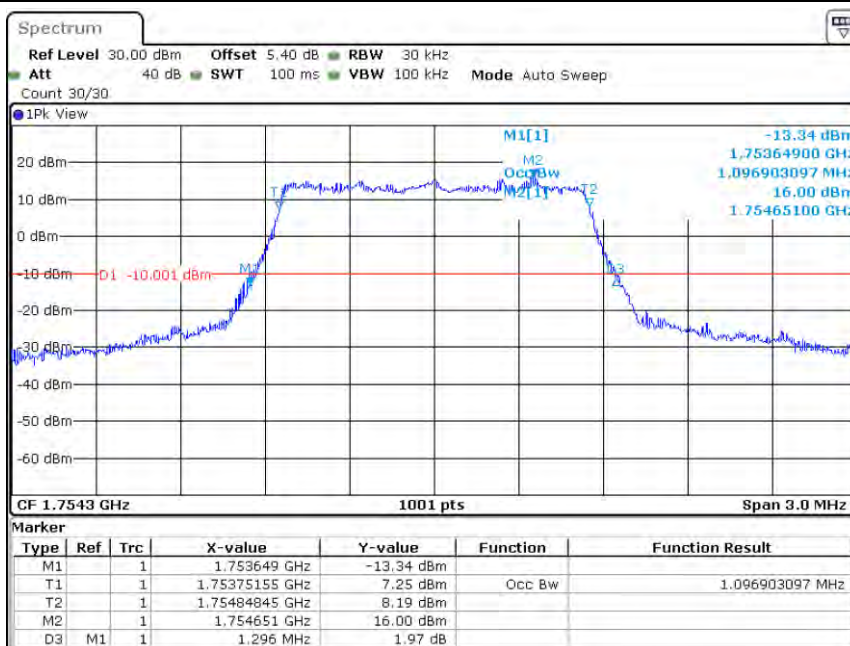


Band4-1.4MHz-64QAM-20175-6RB#0-1.103



Date: 7.SEP.2020 12:29:41

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



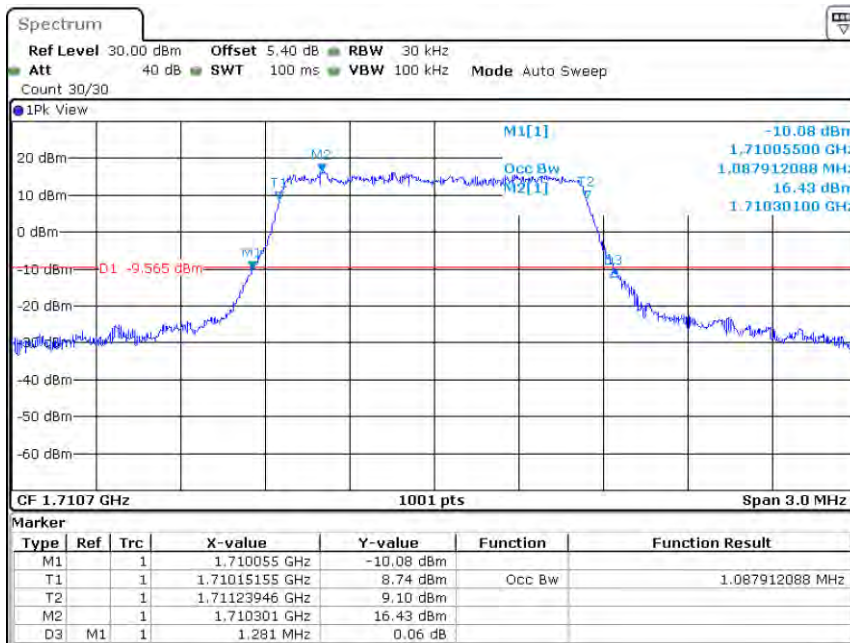
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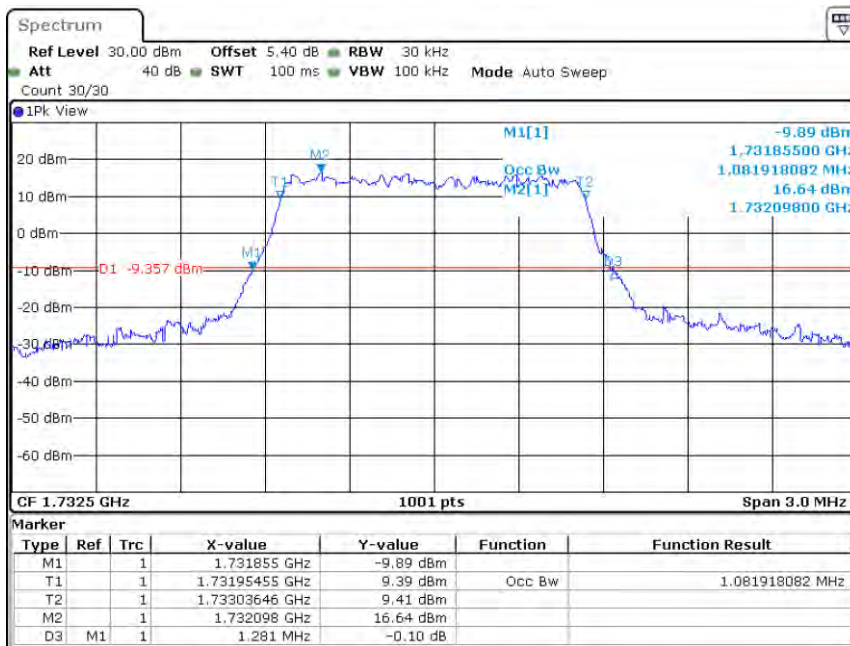
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Band4-1.4MHz-16QAM-19957-6RB#0-1.088



Date: 7.SEP.2020 10:46:04

Band4-1.4MHz-16QAM-20175-6RB#0-1.082



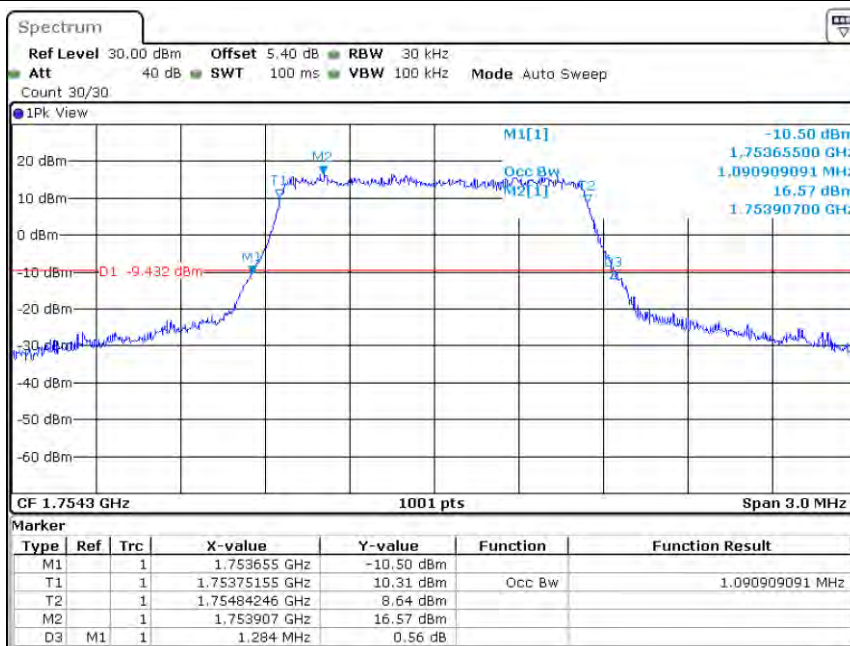
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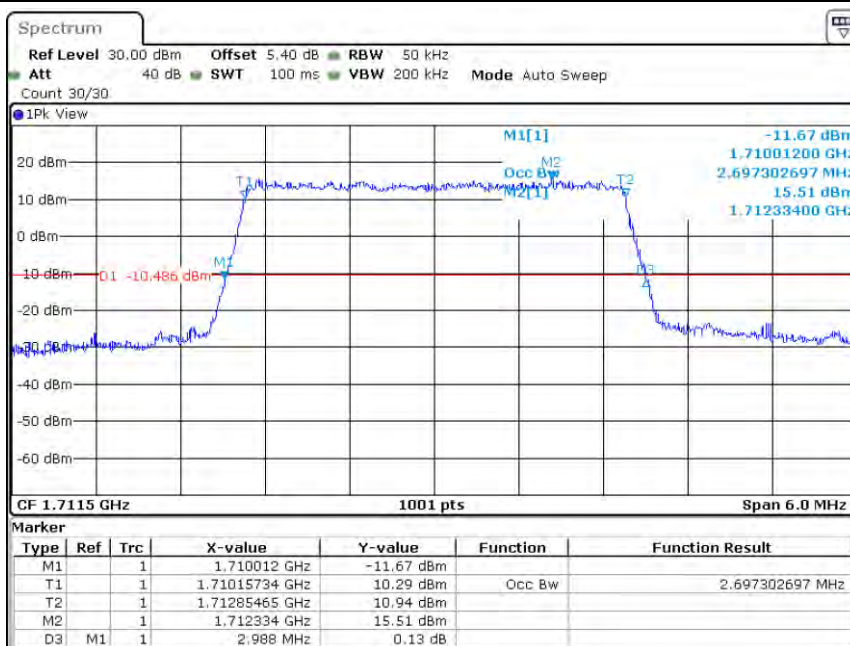
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Band4-1.4MHz-16QAM-20393-6RB#0-1.091



Date: 7.SEP.2020 10:46:55

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



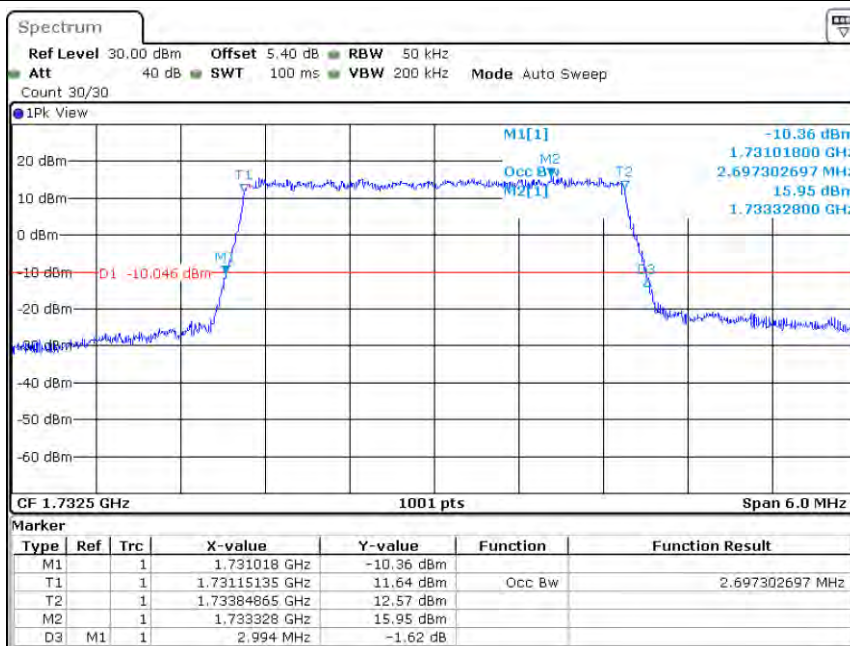
Date: 7.SEP.2020 10:47:14



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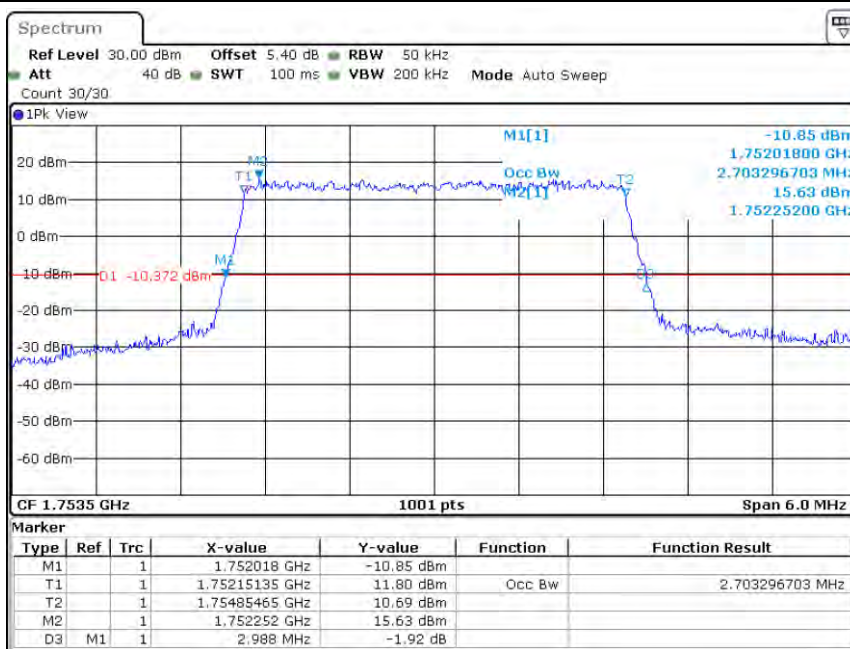
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Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 7 SEP 2020 10:47:41

Band4-3MHz-QPSK-20385-15RB#0-2.703



Date: 7 SEP 2020 10:48:07



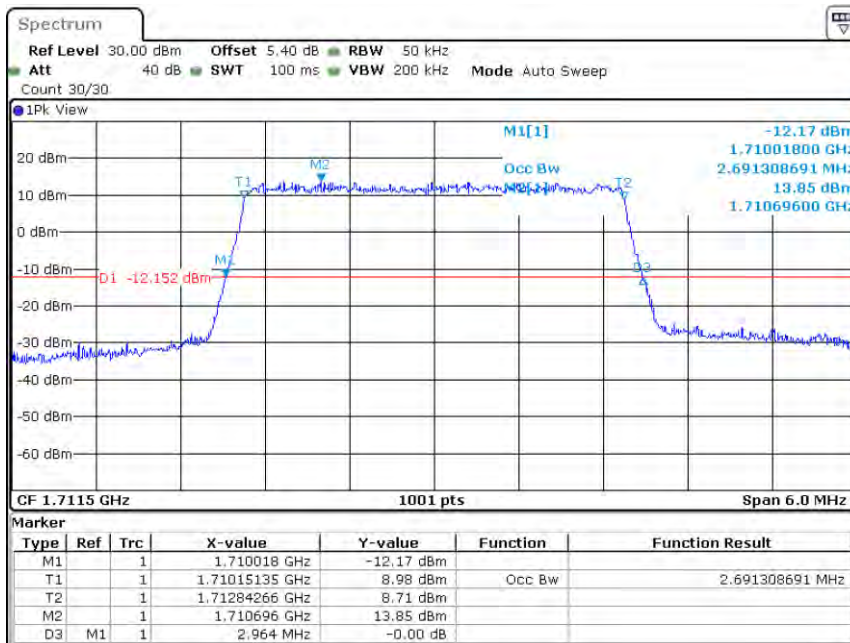
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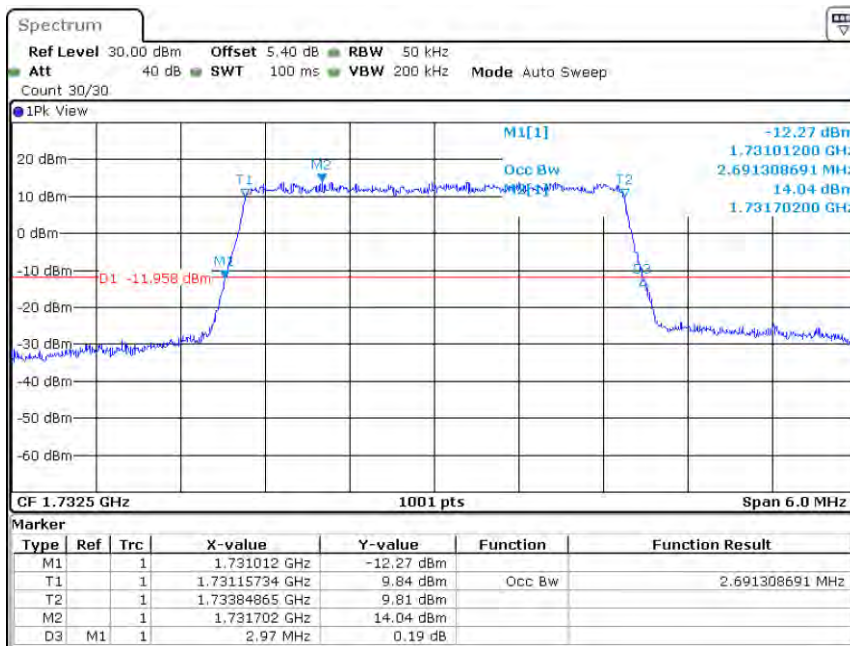


Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 7.SEP.2020 12:30:13

Band4-3MHz-64QAM-20175-15RB#0-2.691



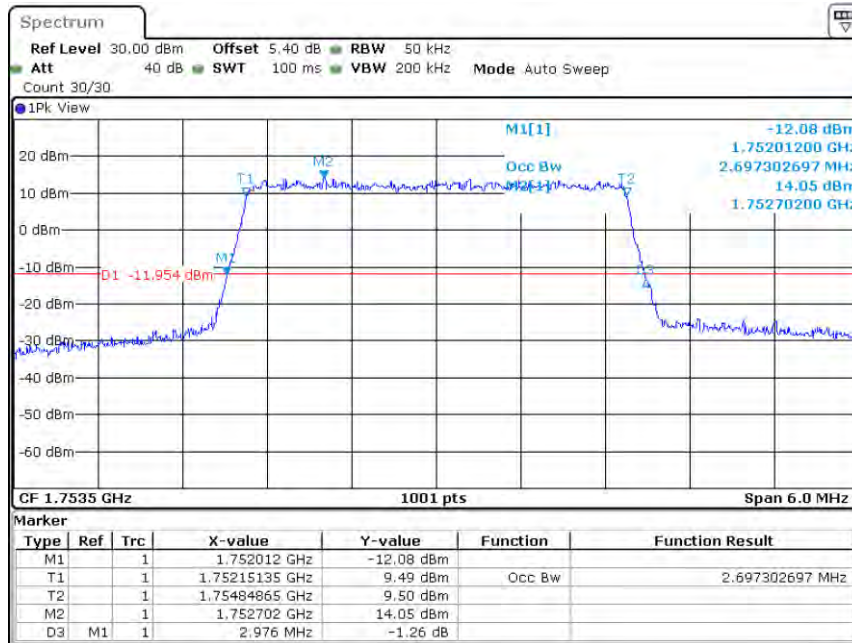
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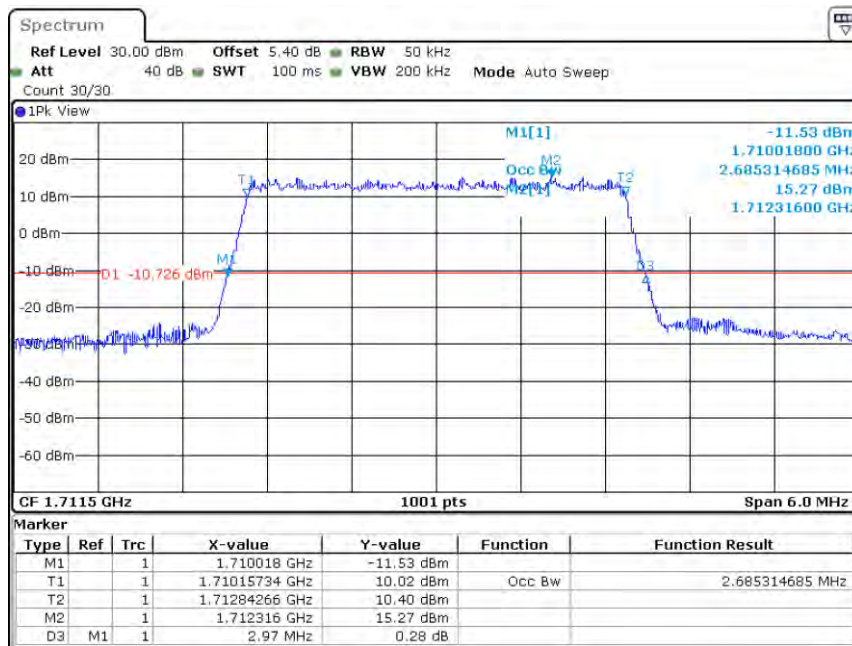
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Band4-3MHz-64QAM-20385-15RB#0-2.697



Date: 7.SEP.2020 12:30:40

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

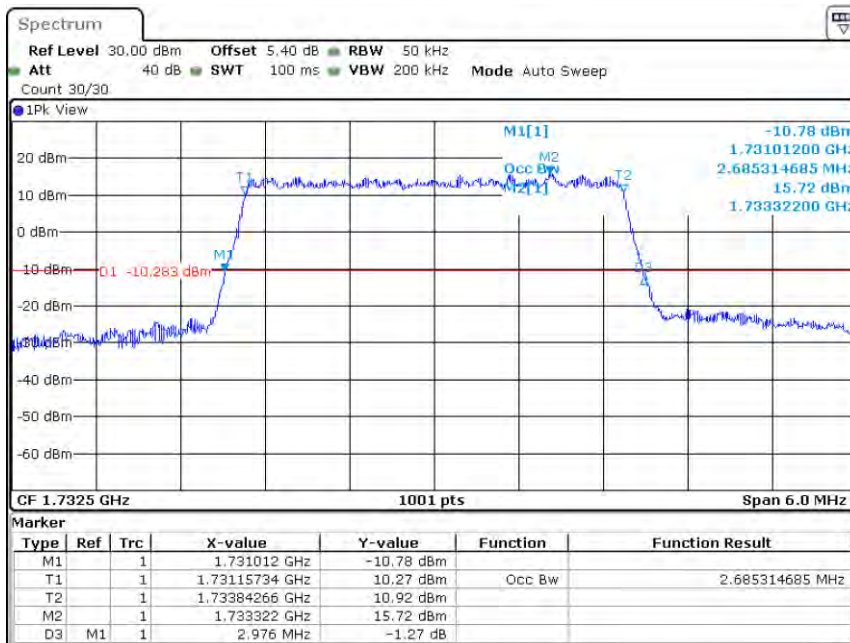


Date: 7.SEP.2020 10:47:27



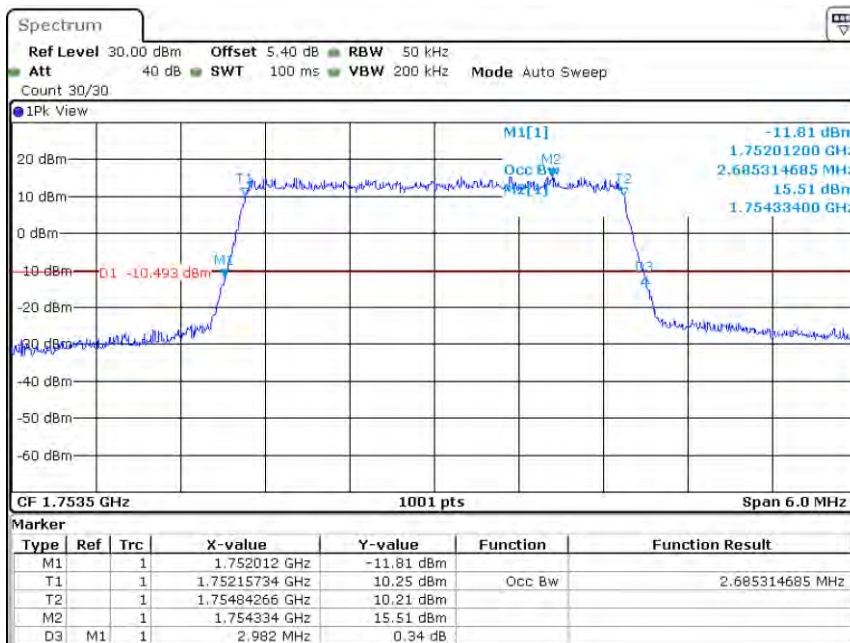


Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 7.SEP.2020 10:47:54

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



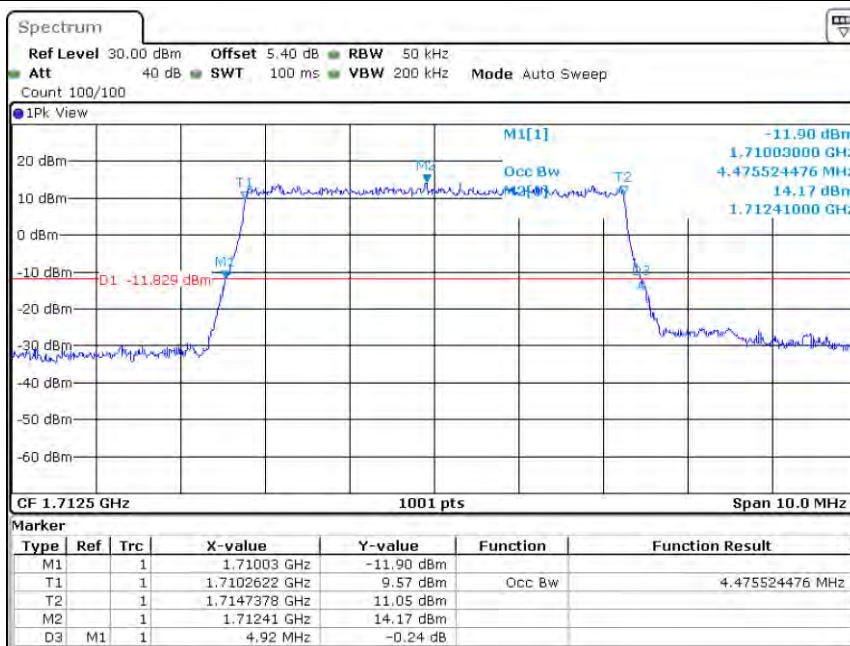
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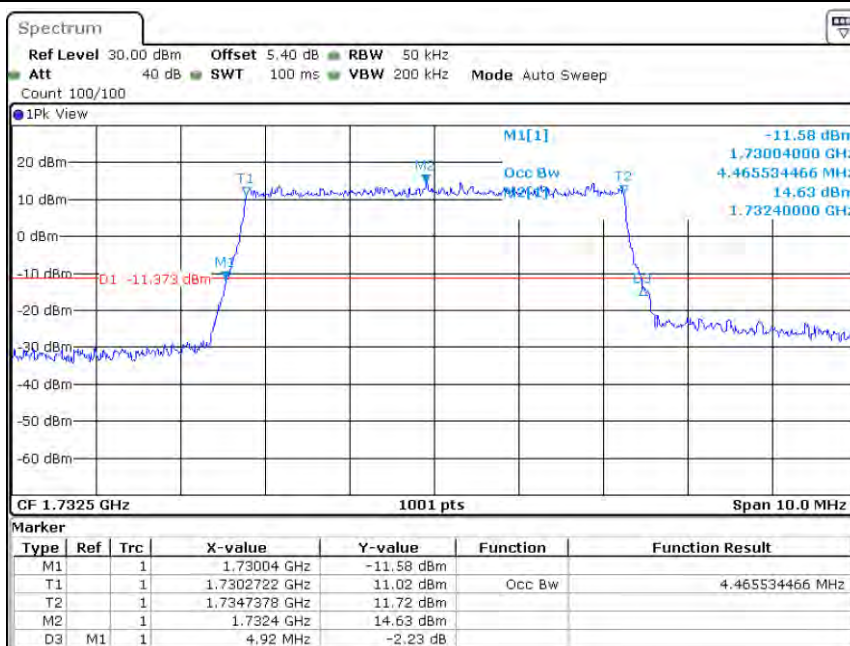
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Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 7 SEP 2020 10:48:45

Band4-5MHz-QPSK-20175-25RB#0-4.466



Date: 7 SEP 2020 10:49:25



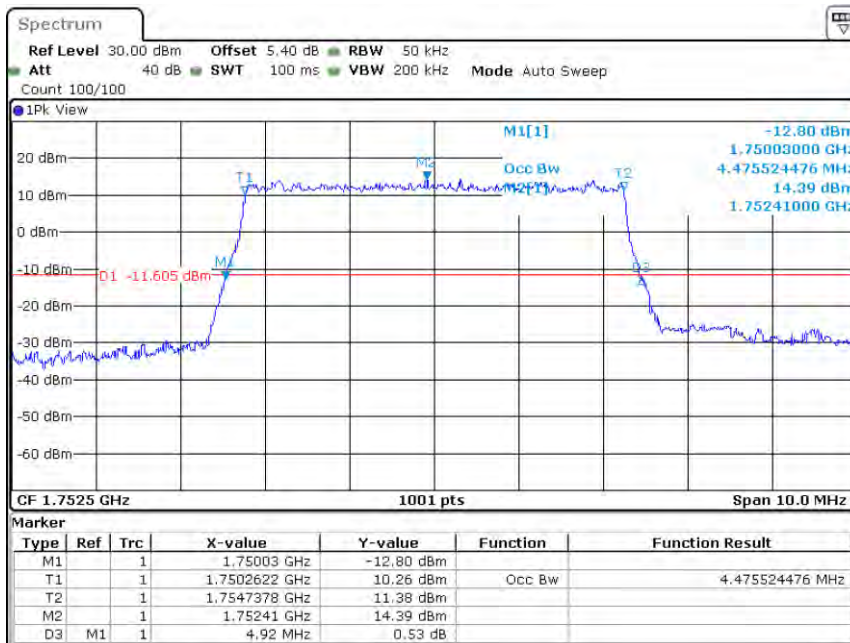
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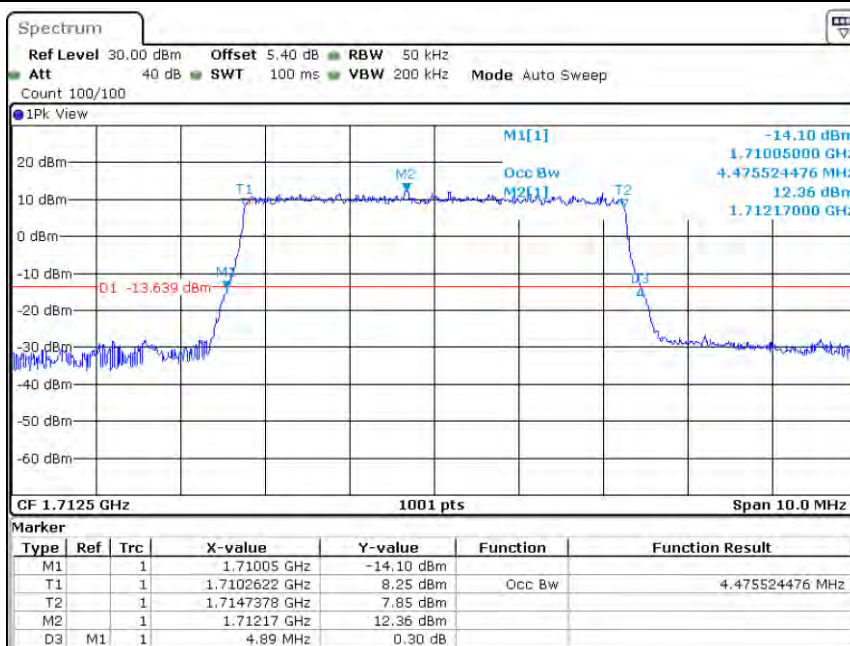


Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 7.SEP.2020 10:50:05

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



Date: 7.SEP.2020 12:31:06

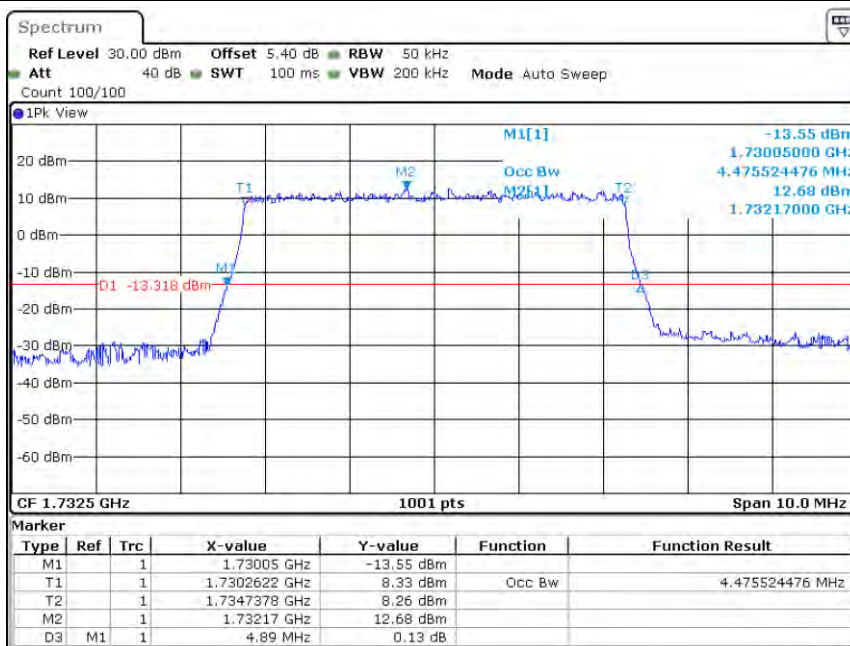


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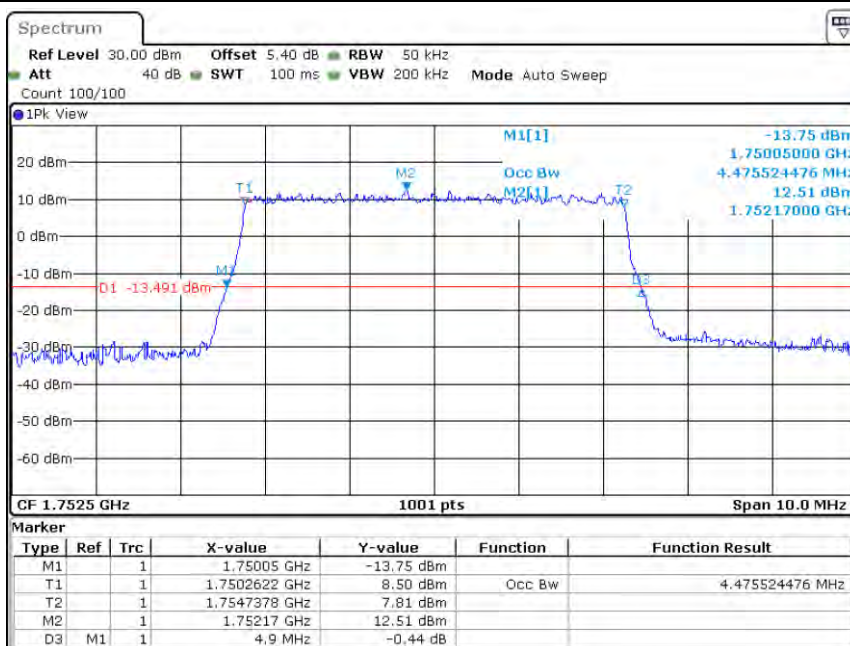


Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 7.SEP.2020 12:31:26

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



Date: 7.SEP.2020 12:31:46

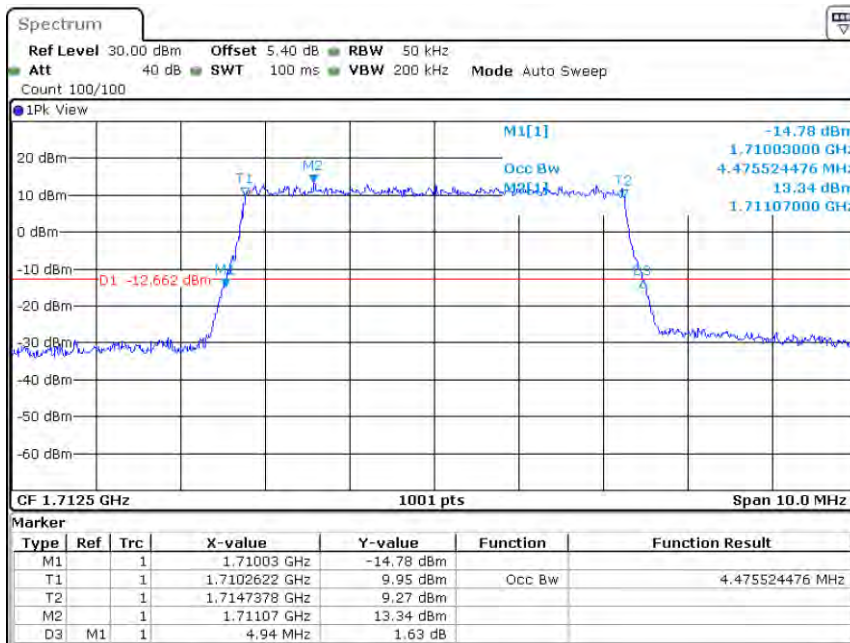


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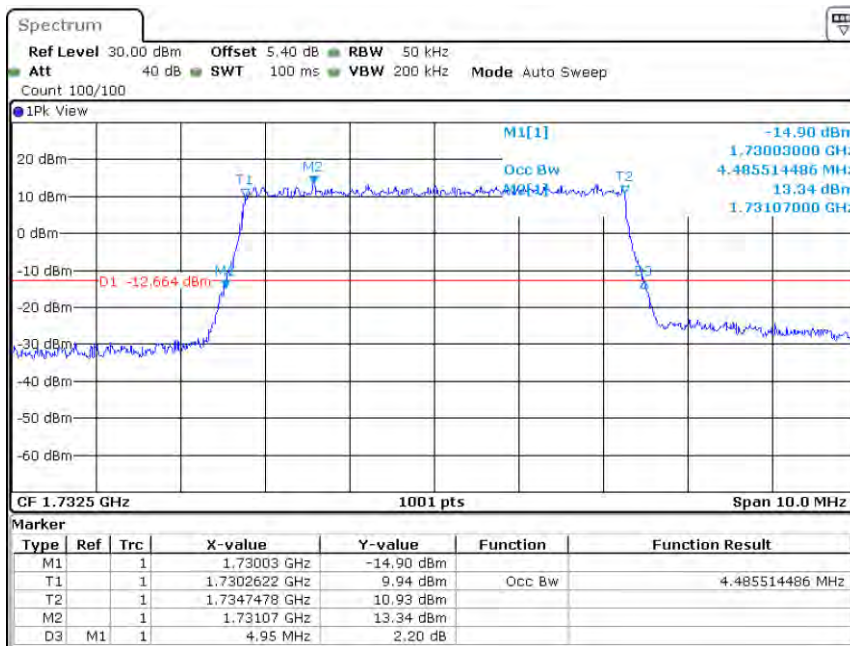


Band4-5MHz-16QAM-19975-25RB#0-4.476



Date: 7.SEP.2020 10:49:05

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



Date: 7.SEP.2020 10:49:44

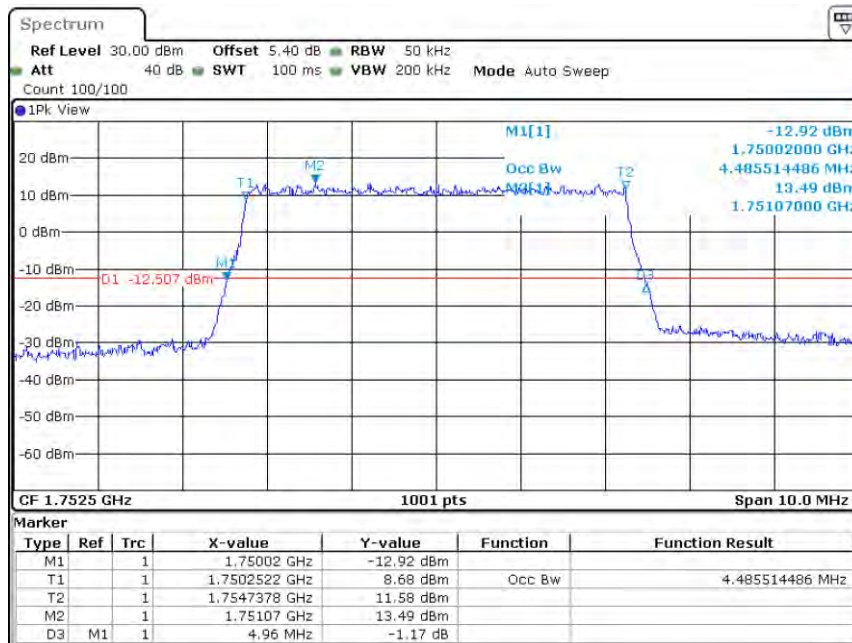


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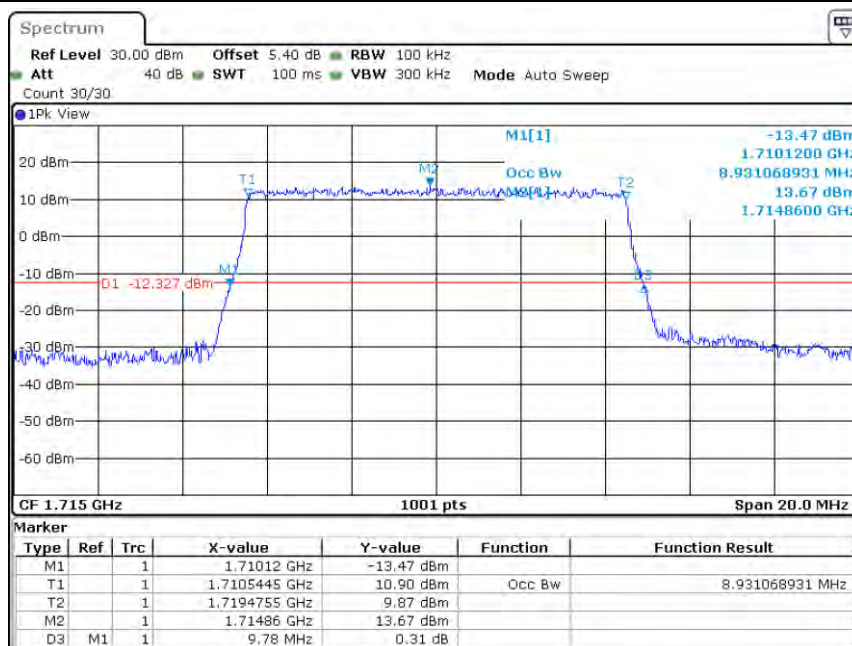


Band4-5MHz-16QAM-20375-25RB#0-4.486



Date: 7.SEP.2020 10:50:24

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

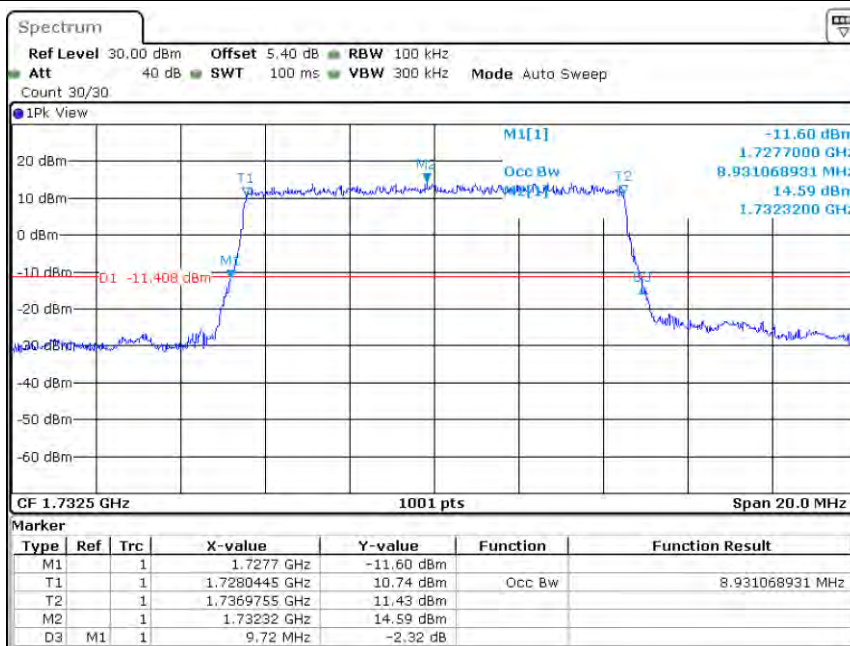


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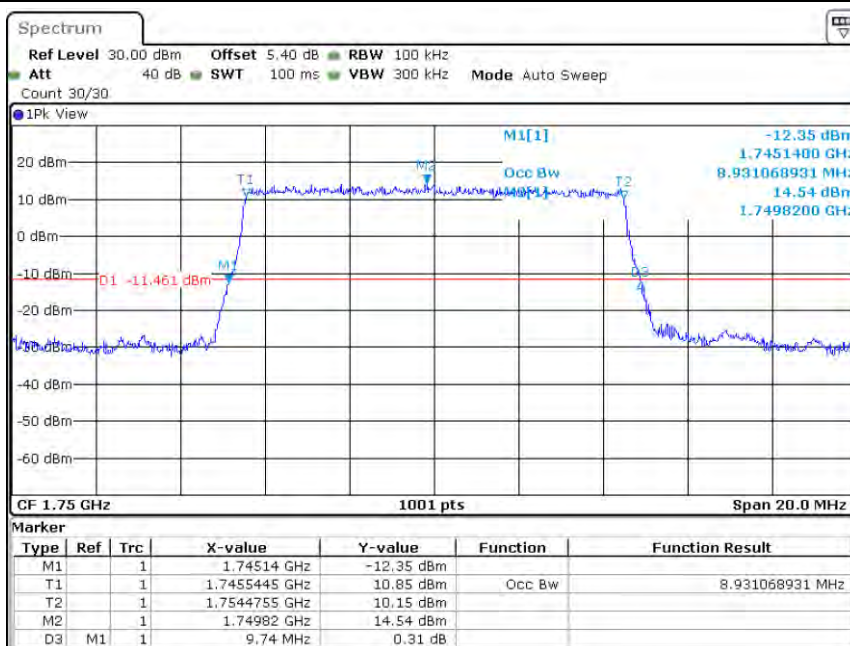


Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 7.SEP.2020 10:51:09

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



Date: 7.SEP.2020 10:51:35



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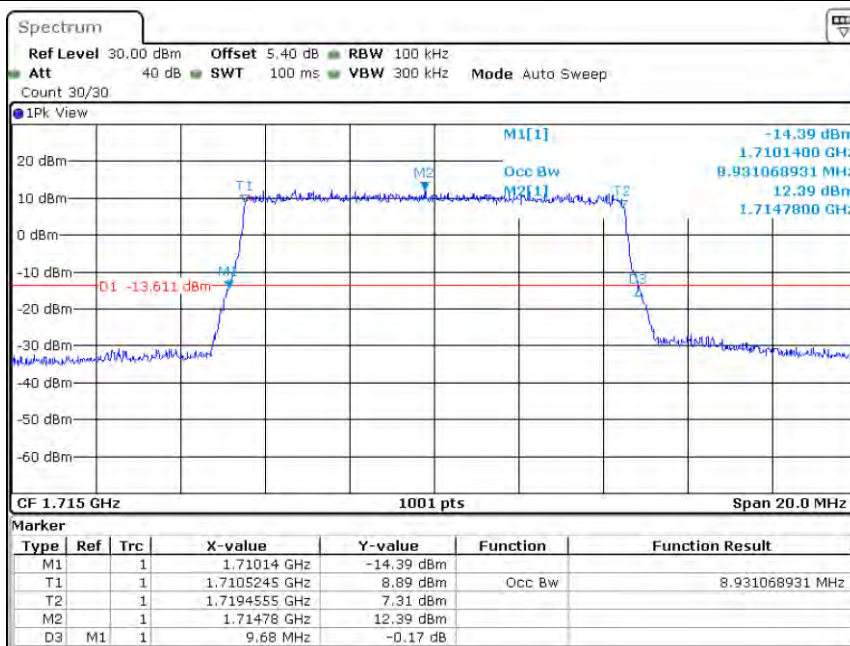
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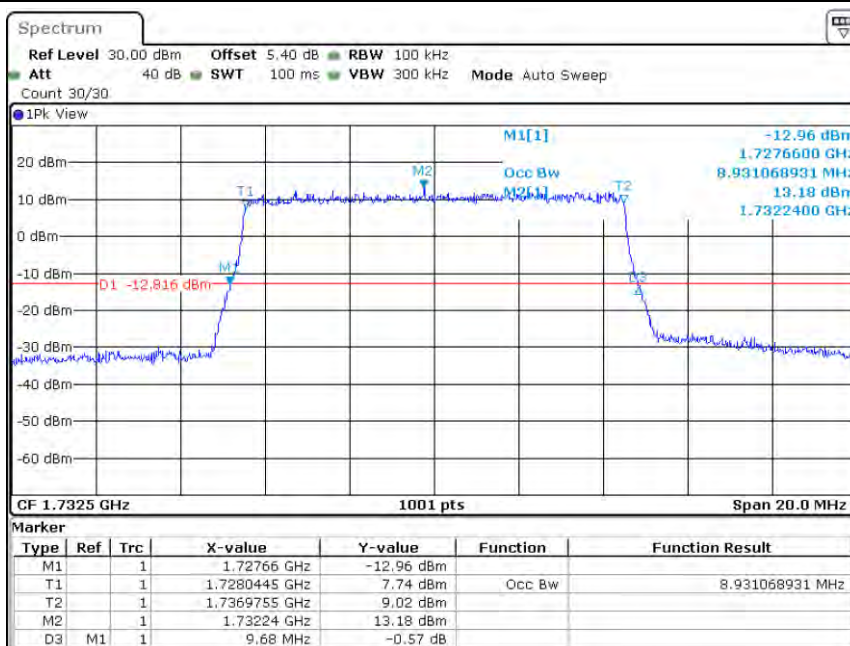


Band4-10MHz-64QAM-20000-50RB#0-8.931



Date: 7.SEP.2020 12:32:05

Band4-10MHz-64QAM-20175-50RB#0-8.931



Date: 7.SEP.2020 12:32:19

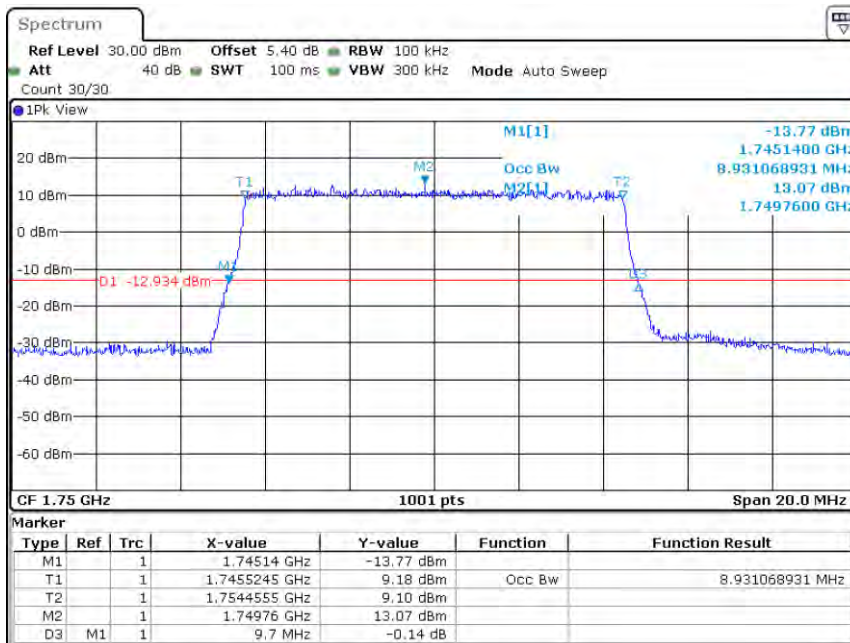


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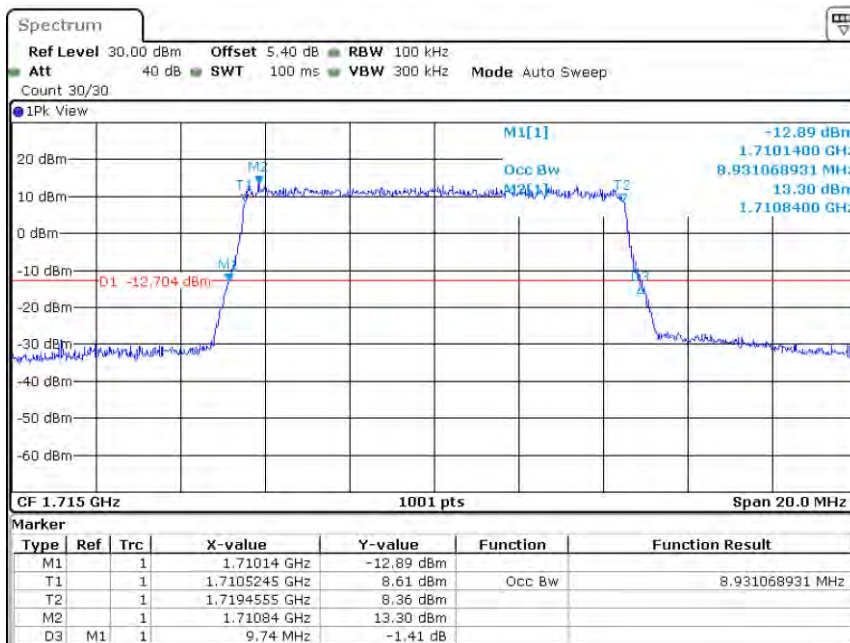


Band4-10MHz-64QAM-20350-50RB#0-8.931



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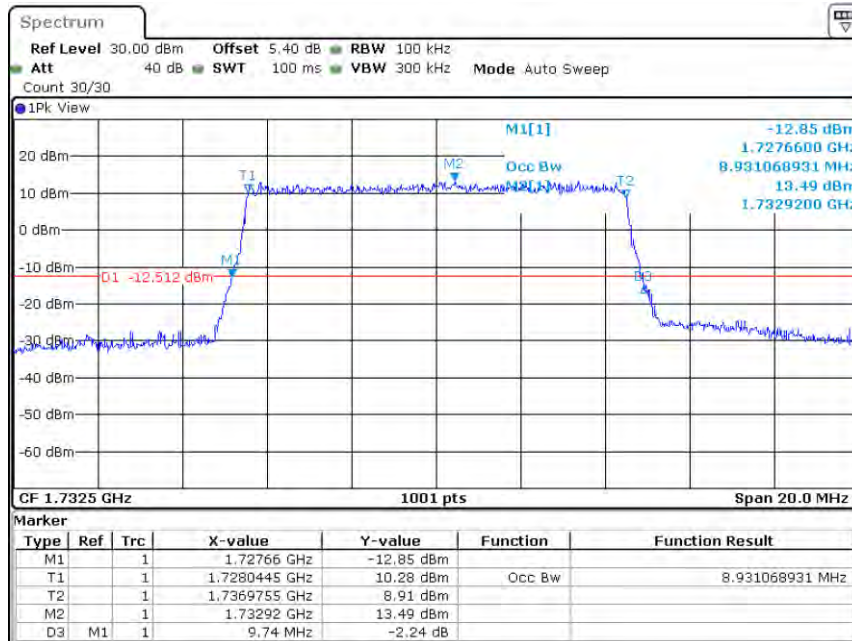


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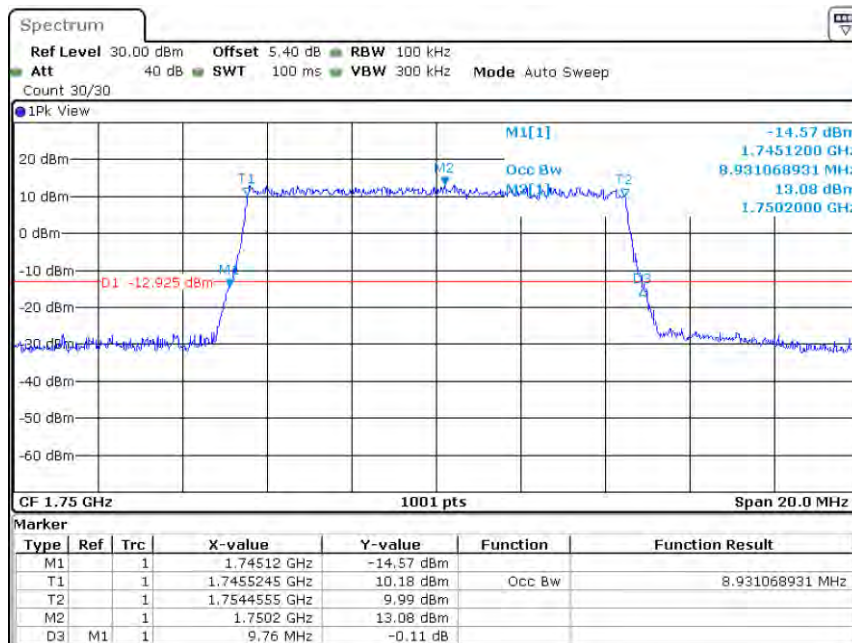


Band4-10MHz-16QAM-20175-50RB#0-8.931



Date: 7.SEP.2020 10:51:22

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



Date: 7.SEP.2020 10:51:47

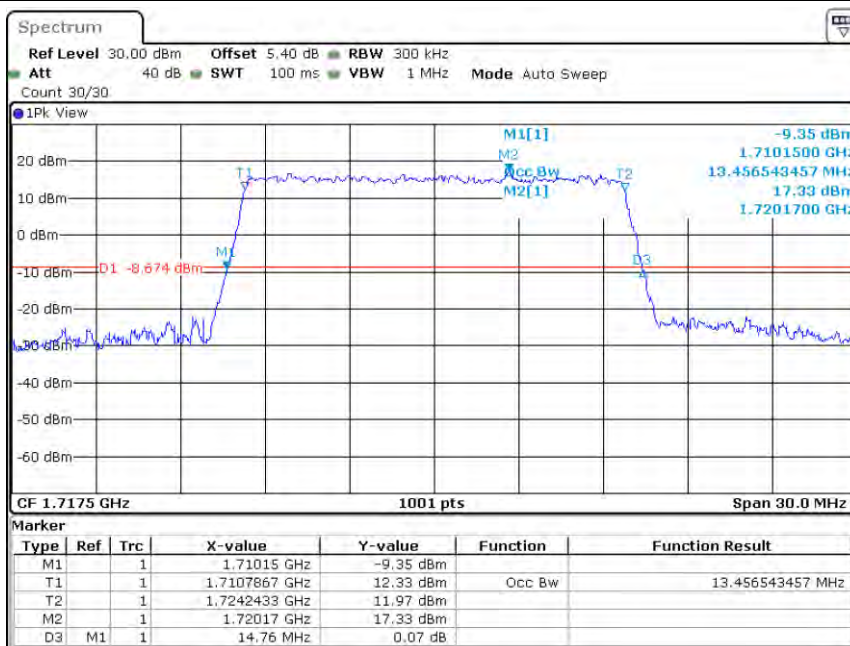


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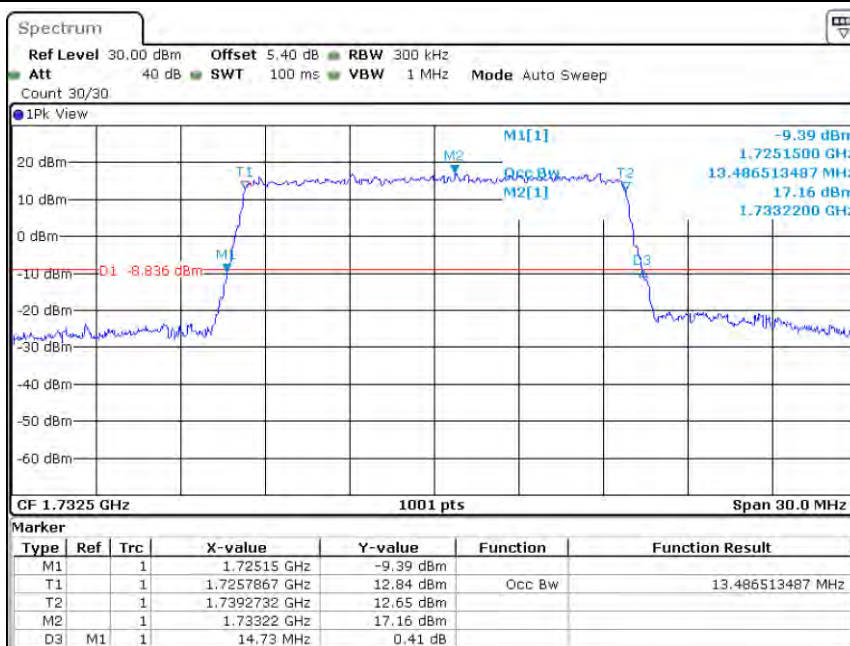


Band4-15MHz-QPSK-20025-75RB#0-13.457



Date: 7.SEP.2020 10:52:06

Band4-15MHz-QPSK-20175-75RB#0-13.487



Date: 7.SEP.2020 10:52:32

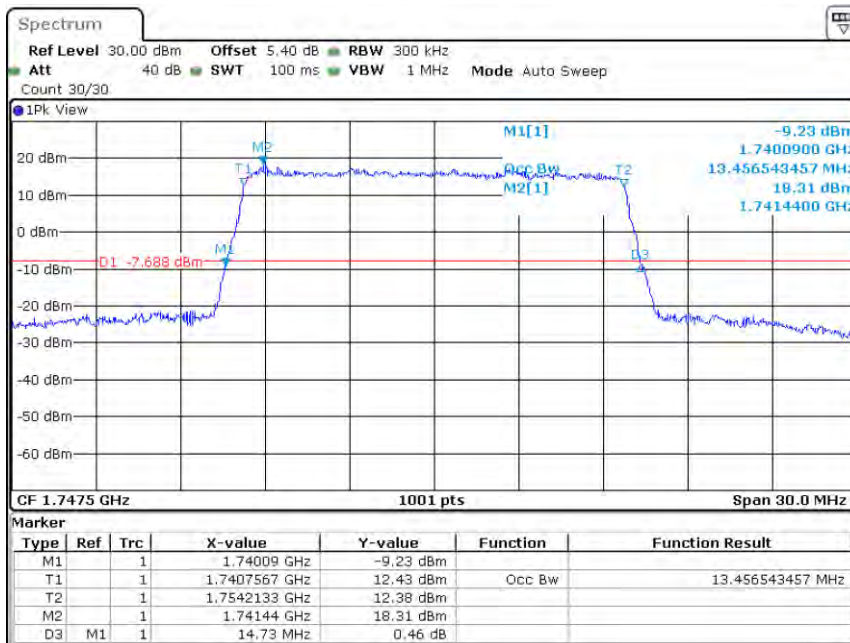


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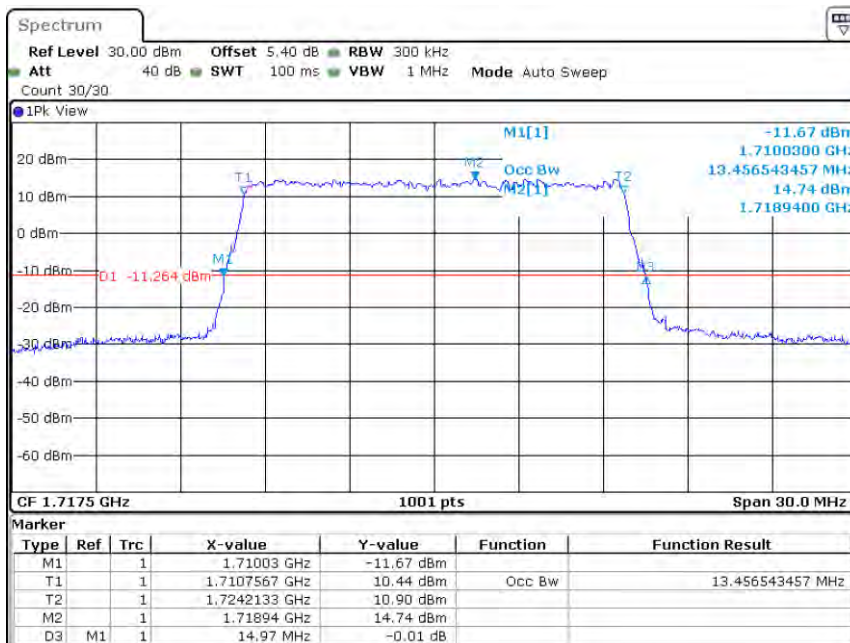


Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 7.SEP.2020 10:52:57

Band4-15MHz-64QAM-20025-75RB#0-13.457



Date: 7.SEP.2020 12:32:51



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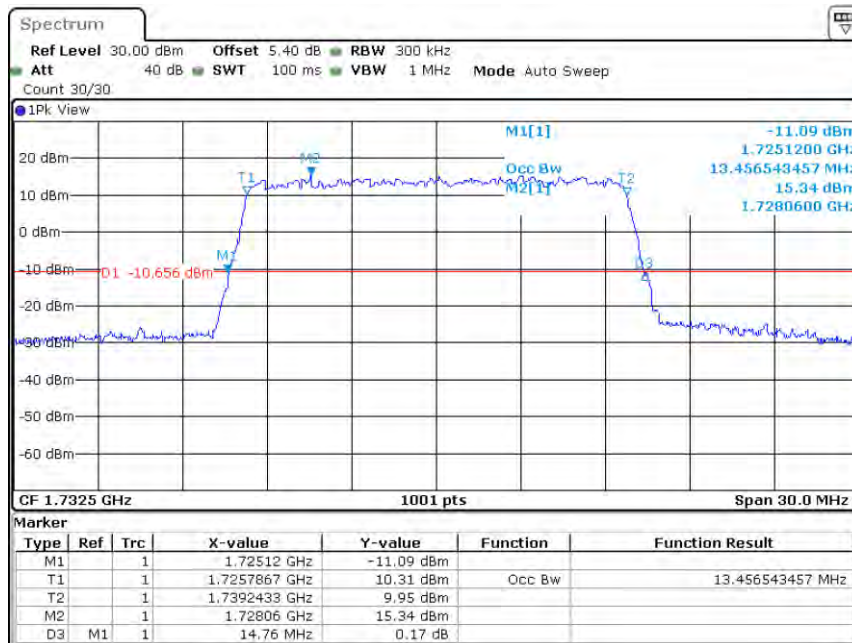
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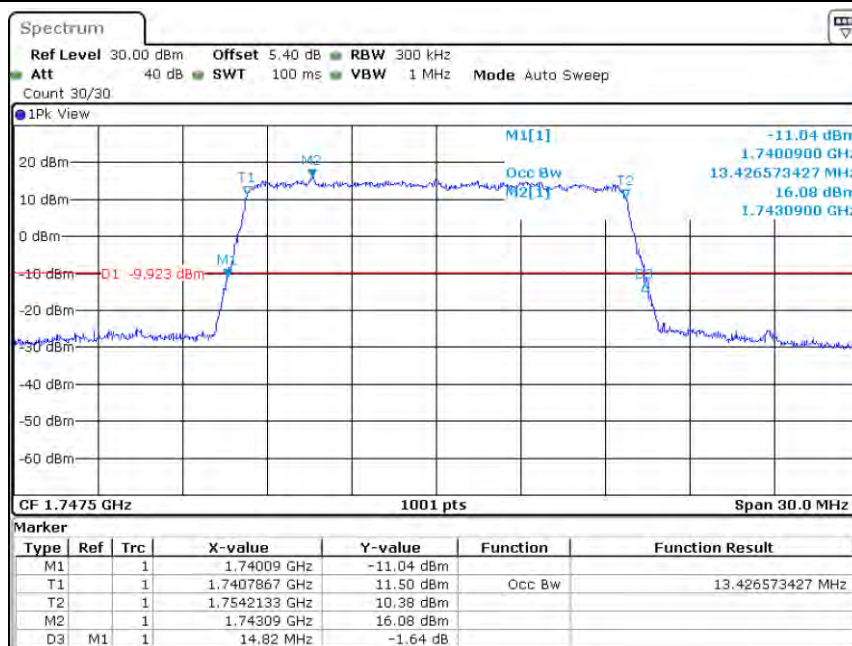


Band4-15MHz-64QAM-20175-75RB#0-13.457



Date: 7.SEP.2020 12:33:04

Band4-15MHz-64QAM-20325-75RB#0-13.427



Date: 7.SEP.2020 12:33:17

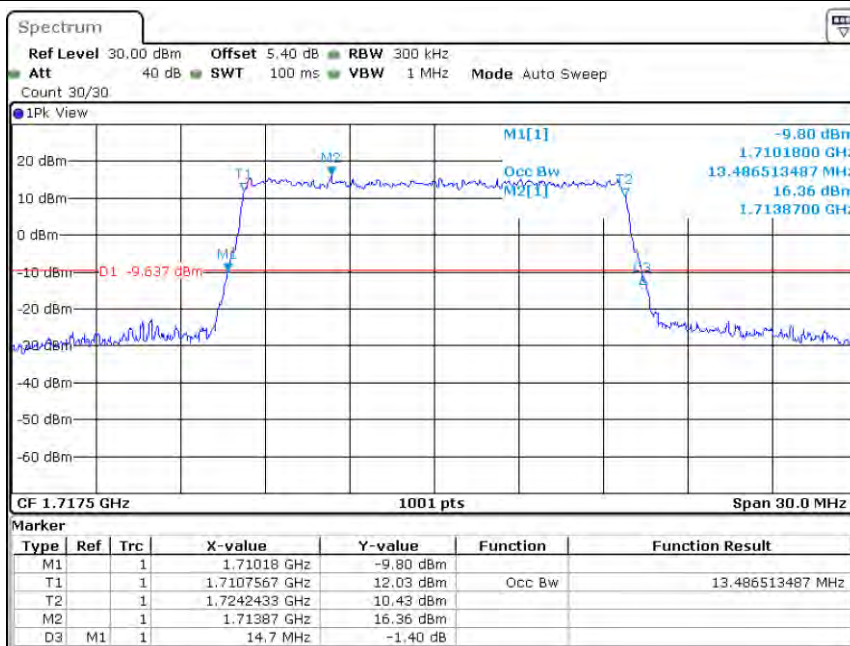


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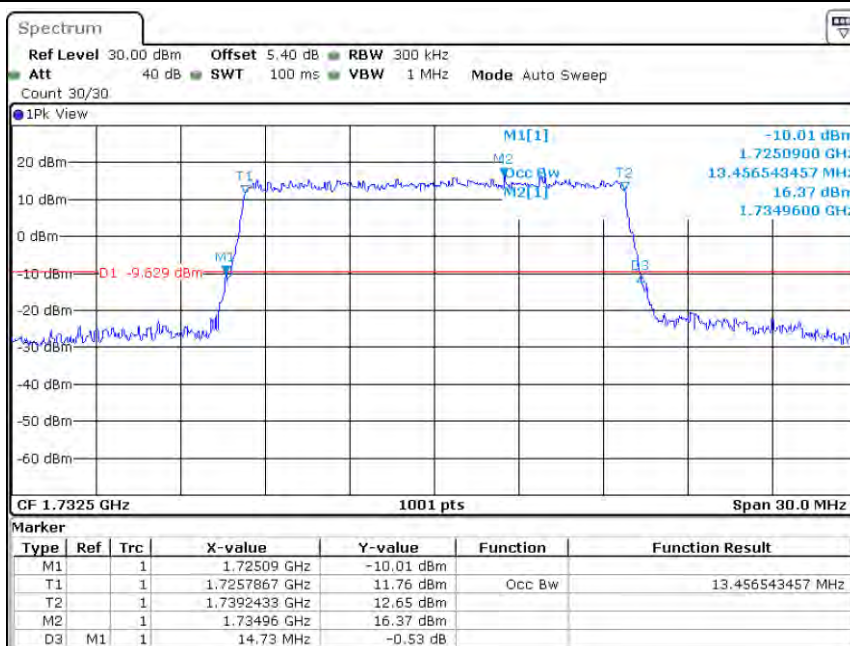


Band4-15MHz-16QAM-20025-75RB#0-13.487



Date: 7.SEP.2020 10:52:19

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



Date: 7.SEP.2020 10:52:44

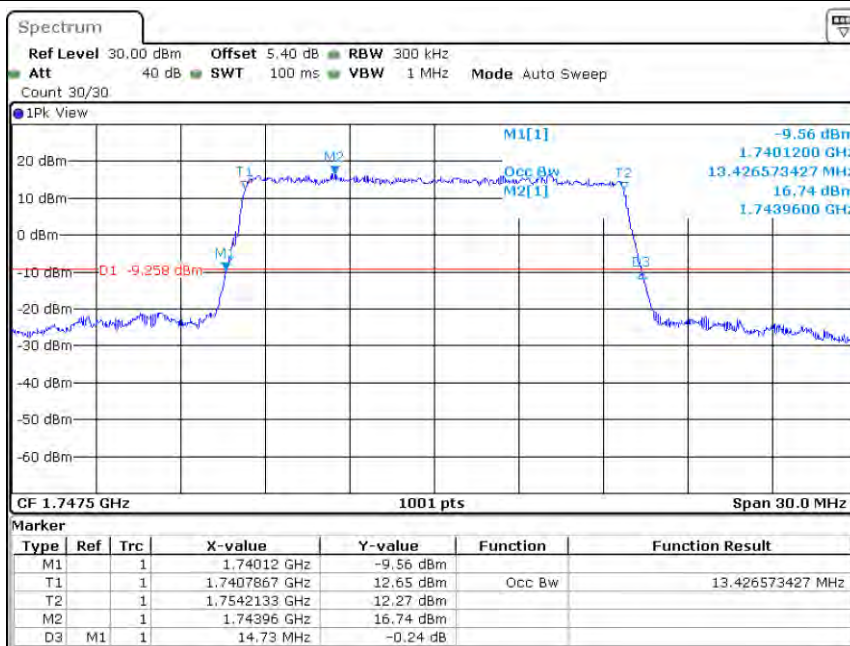


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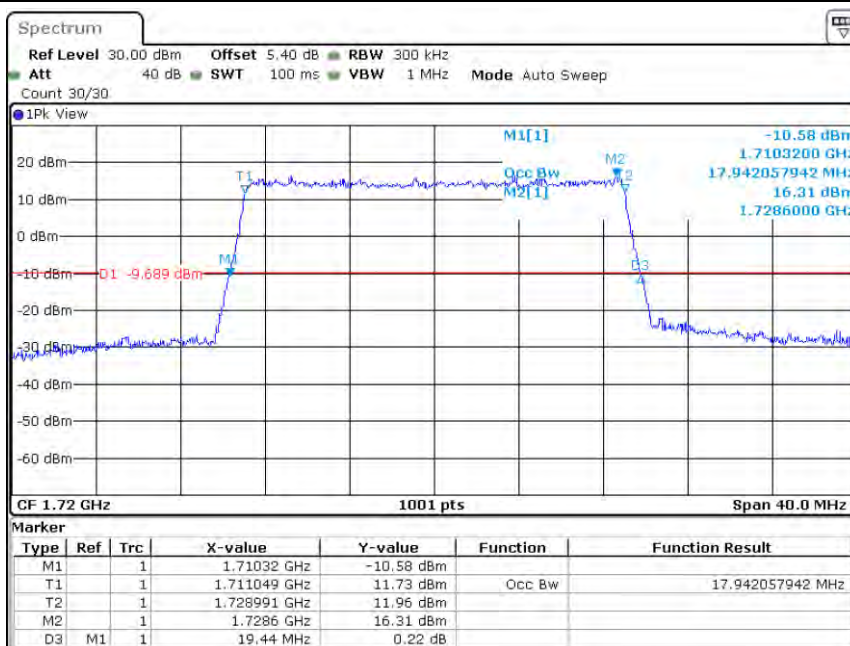


Band4-15MHz-16QAM-20325-75RB#0-13.427



Date: 7.SEP.2020 10:53:10

Band4-20MHz-QPSK-20050-100RB#0-17.942



Date: 7.SEP.2020 10:53:28

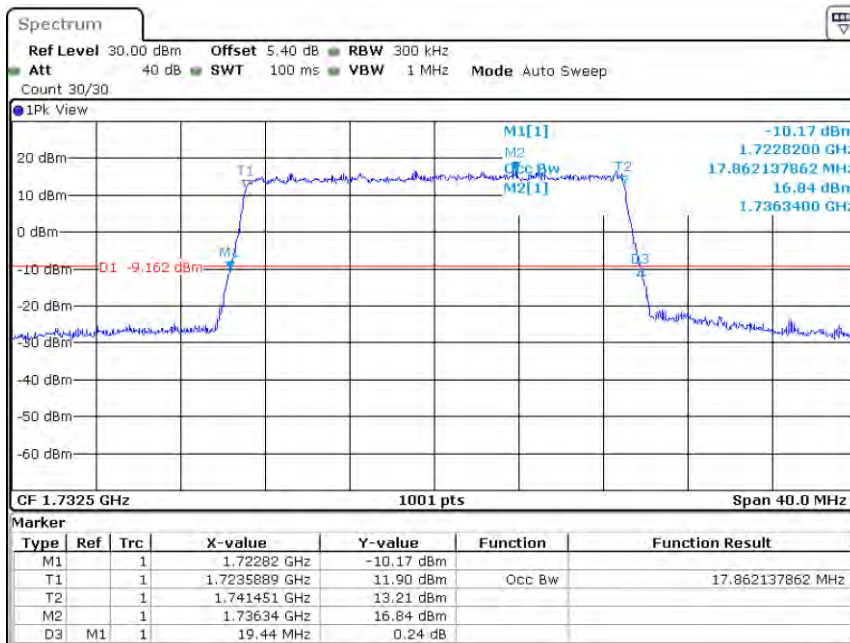


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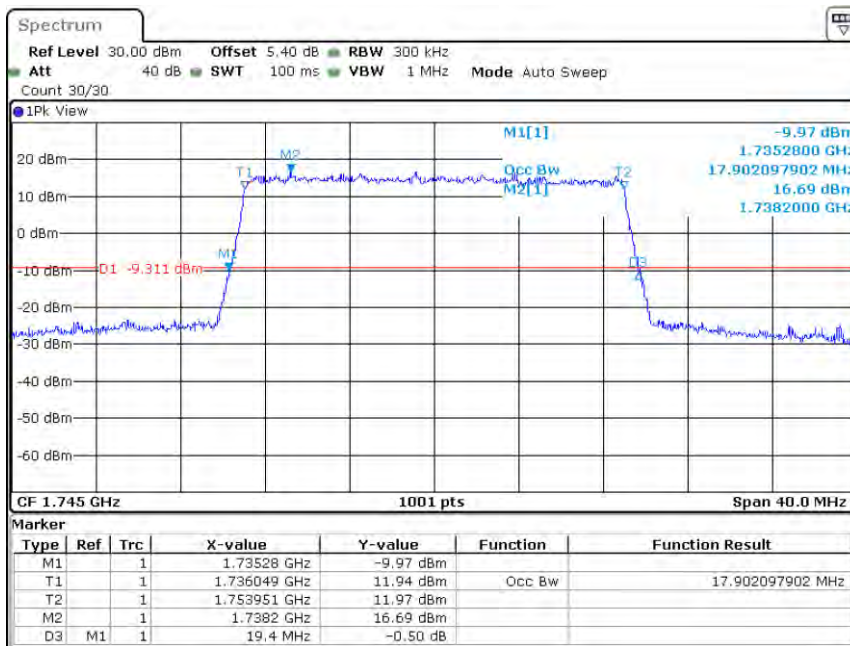


Band4-20MHz-QPSK-20175-100RB#0-17.862



Date: 7.SEP.2020 10:53:55

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



Date: 7.SEP.2020 10:54:21



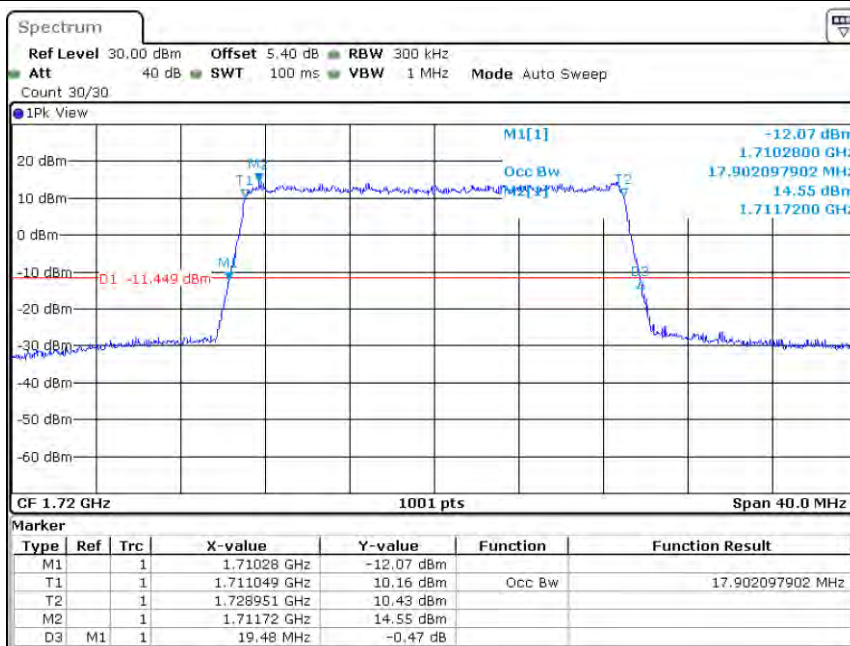
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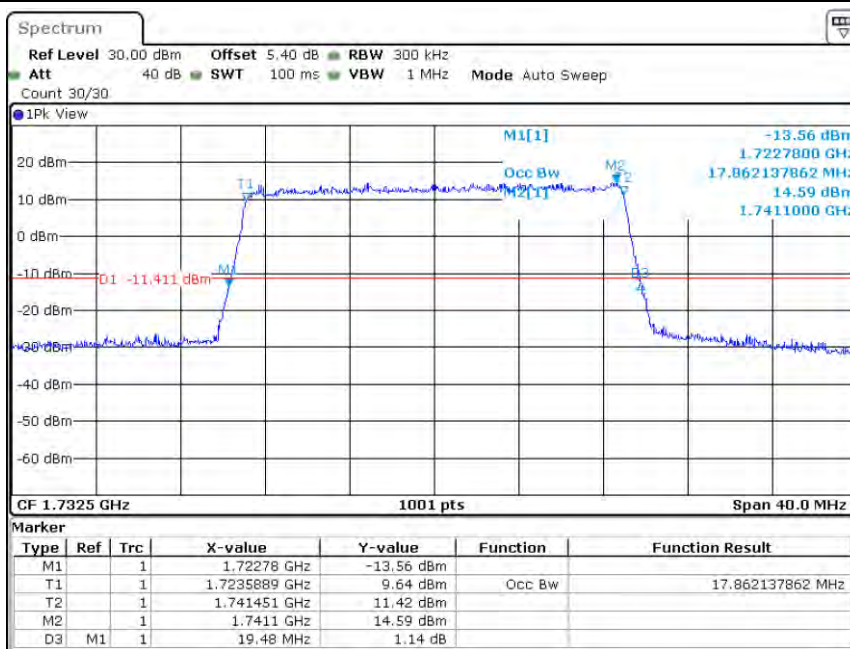


Band4-20MHz-64QAM-20050-100RB#0-17.902



Date: 7.SEP.2020 12:33:38

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



Date: 7.SEP.2020 12:33:51



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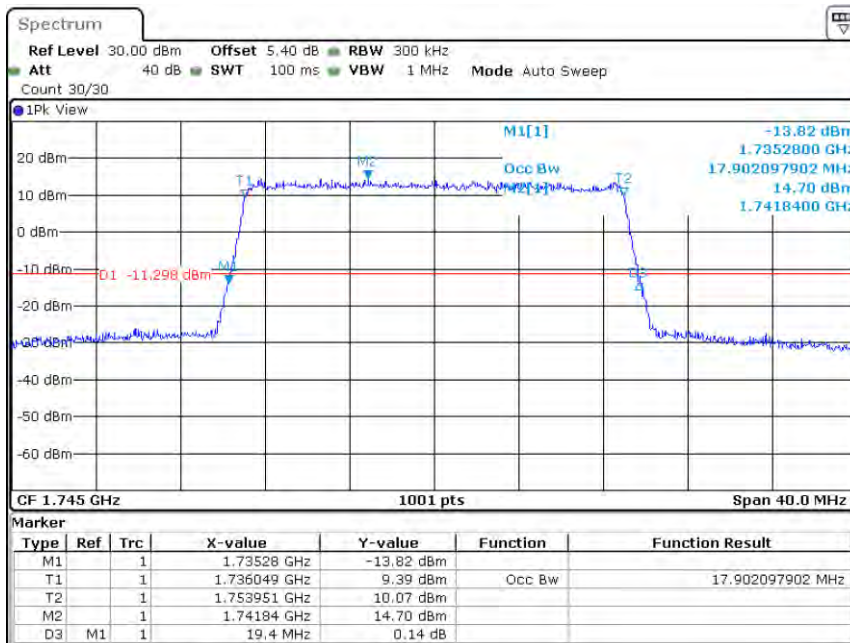
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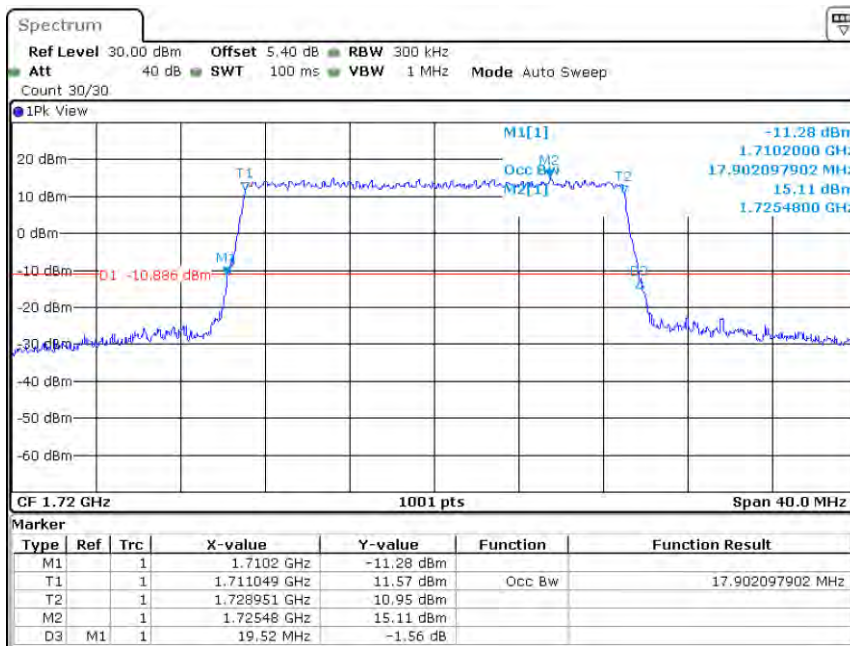


Band4-20MHz-64QAM-20300-100RB#0-17.902



Date: 7.SEP.2020 12:34:04

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



Date: 7.SEP.2020 10:53:41



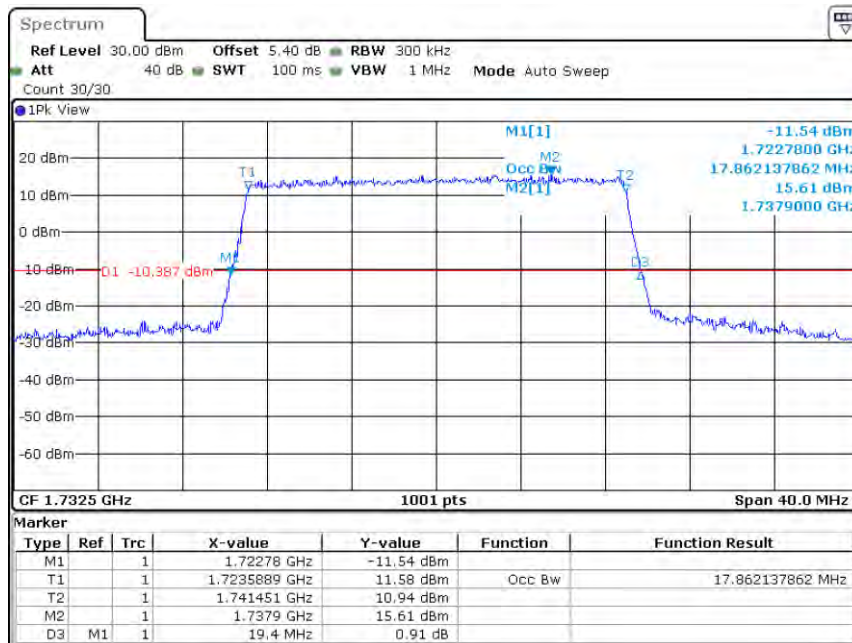
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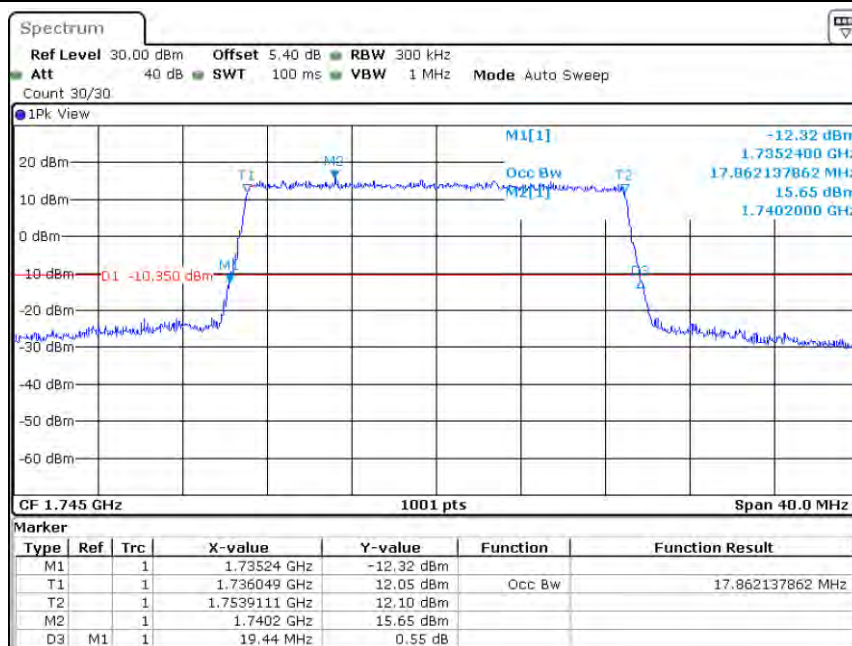


Band4-20MHz-16QAM-20175-100RB#0-17.862



Date: 7.SEP.2020 10:54:08

Band4-20MHz-16QAM-20300-100RB#0-17.862



Date: 7.SEP.2020 10:54:33



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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-23.46	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.44	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-23.96	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.89	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	-25.30	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	-30.52	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	-24.70	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	-29.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-23.12	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.32	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-24.02	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.10	PASS
Band4	3MHz	QPSK	19965	1RB#0	-22.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	-29.59	PASS
Band4	3MHz	QPSK	20385	1RB#14	-23.84	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.87	PASS
Band4	3MHz	64QAM	19965	1RB#0	-24.21	PASS
Band4	3MHz	64QAM	19965	15RB#0	-31.53	PASS
Band4	3MHz	64QAM	20385	1RB#14	-24.13	PASS
Band4	3MHz	64QAM	20385	15RB#0	-29.75	PASS
Band4	3MHz	16QAM	19965	1RB#0	-22.09	PASS
Band4	3MHz	16QAM	19965	15RB#0	-30.69	PASS
Band4	3MHz	16QAM	20385	1RB#14	-24.48	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.69	PASS
Band4	5MHz	QPSK	19975	1RB#0	-22.60	PASS
Band4	5MHz	QPSK	19975	25RB#0	-29.96	PASS
Band4	5MHz	QPSK	20375	1RB#24	-23.20	PASS
Band4	5MHz	QPSK	20375	25RB#0	-29.08	PASS
Band4	5MHz	64QAM	19975	1RB#0	-24.33	PASS
Band4	5MHz	64QAM	19975	25RB#0	-31.74	PASS
Band4	5MHz	64QAM	20375	1RB#24	-23.04	PASS
Band4	5MHz	64QAM	20375	25RB#0	-30.22	PASS



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Band4	5MHz	16QAM	19975	1RB#0	-22.87	PASS
Band4	5MHz	16QAM	19975	25RB#0	-30.42	PASS
Band4	5MHz	16QAM	20375	1RB#24	-22.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.66	PASS
Band4	10MHz	QPSK	20000	1RB#0	-31.79	PASS
Band4	10MHz	QPSK	20000	50RB#0	-34.47	PASS
Band4	10MHz	QPSK	20350	1RB#49	-30.97	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.47	PASS
Band4	10MHz	64QAM	20000	1RB#0	-33.74	PASS
Band4	10MHz	64QAM	20000	50RB#0	-35.12	PASS
Band4	10MHz	64QAM	20350	1RB#49	-33.76	PASS
Band4	10MHz	64QAM	20350	50RB#0	-33.51	PASS
Band4	10MHz	16QAM	20000	1RB#0	-31.52	PASS
Band4	10MHz	16QAM	20000	50RB#0	-35.10	PASS
Band4	10MHz	16QAM	20350	1RB#49	-33.30	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.99	PASS
Band4	15MHz	QPSK	20025	1RB#0	-26.80	PASS
Band4	15MHz	QPSK	20025	75RB#0	-35.40	PASS
Band4	15MHz	QPSK	20325	1RB#74	-26.39	PASS
Band4	15MHz	QPSK	20325	75RB#0	-32.84	PASS
Band4	15MHz	64QAM	20025	1RB#0	-27.71	PASS
Band4	15MHz	64QAM	20025	75RB#0	-36.17	PASS
Band4	15MHz	64QAM	20325	1RB#74	-27.05	PASS
Band4	15MHz	64QAM	20325	75RB#0	-34.30	PASS
Band4	15MHz	16QAM	20025	1RB#0	-27.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	-35.78	PASS
Band4	15MHz	16QAM	20325	1RB#74	-26.08	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.41	PASS
Band4	20MHz	QPSK	20050	1RB#0	-28.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	-36.49	PASS
Band4	20MHz	QPSK	20300	1RB#99	-27.62	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.07	PASS
Band4	20MHz	64QAM	20050	1RB#0	-29.45	PASS
Band4	20MHz	64QAM	20050	100RB#0	-36.78	PASS
Band4	20MHz	64QAM	20300	1RB#99	-28.82	PASS
Band4	20MHz	64QAM	20300	100RB#0	-35.86	PASS
Band4	20MHz	16QAM	20050	1RB#0	-28.39	PASS
Band4	20MHz	16QAM	20050	100RB#0	-36.24	PASS



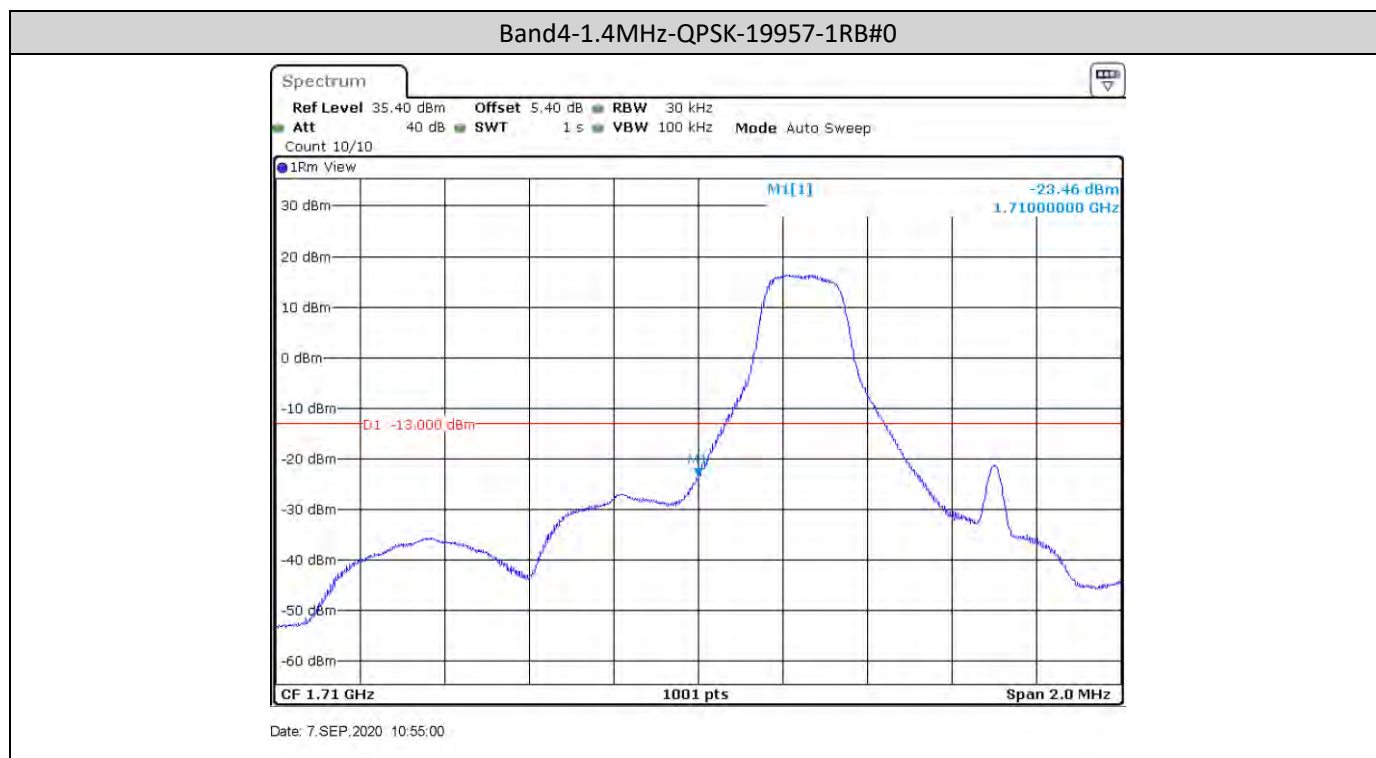
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Band4	20MHz	16QAM	20300	1RB#99	-28.32	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.59	PASS

5.2. Test Plots



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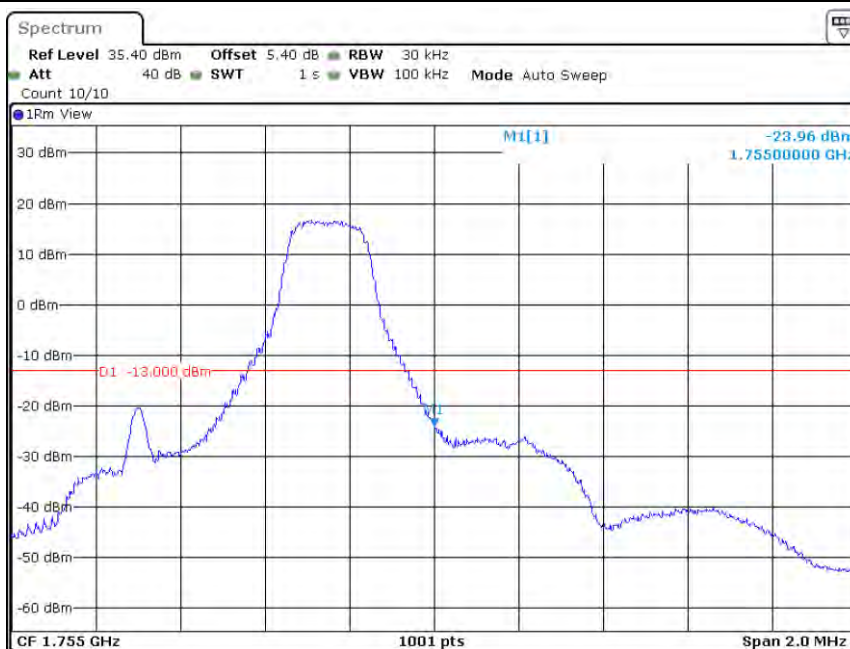


Band4-1.4MHz-QPSK-19957-6RB#0



Date: 7.SEP.2020 10:55:41

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



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



Date: 7.SEP.2020 10:57:09

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



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



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



Date: 7.SEP.2020 12:35:19



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



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



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



Date: 7.SEP.2020 10:56:02

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



Date: 7.SEP.2020 10:56:48



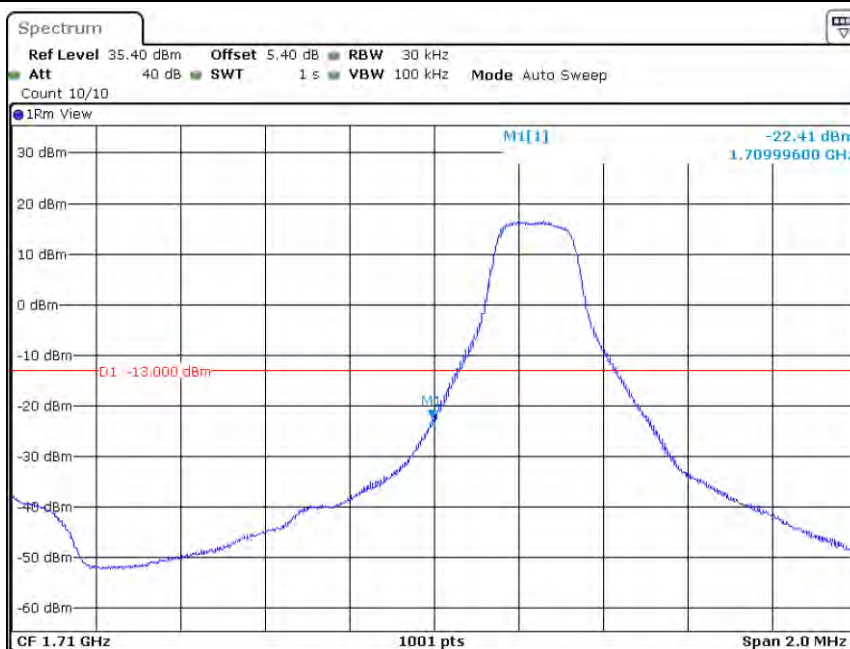


Band4-1.4MHz-16QAM-20393-6RB#0



Date: 7.SEP.2020 10:57:29

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



Date: 7.SEP.2020 10:57:56



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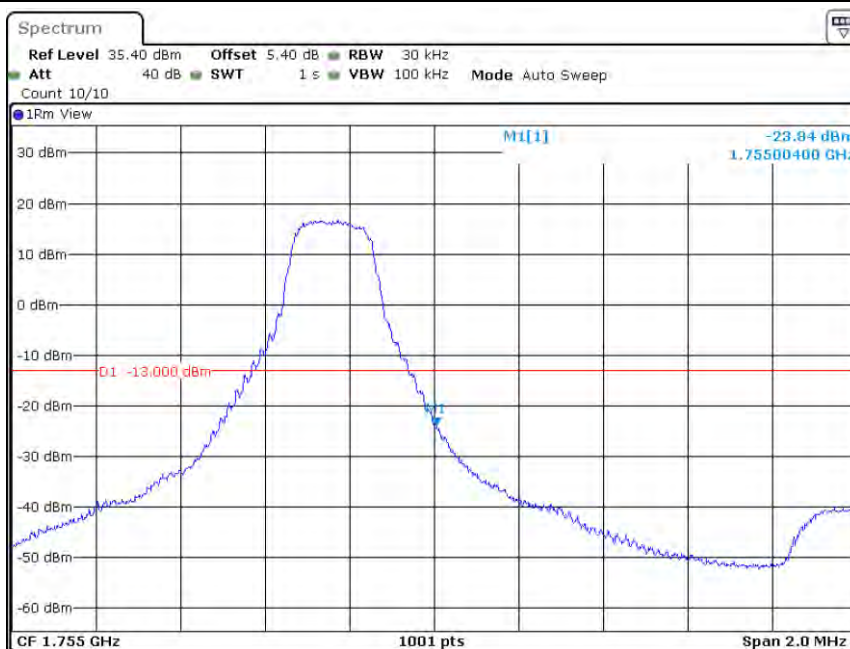


Band4-3MHz-QPSK-19965-15RB#0



Date: 7.SEP.2020 10:58:37

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



Date: 7.SEP.2020 10:59:23



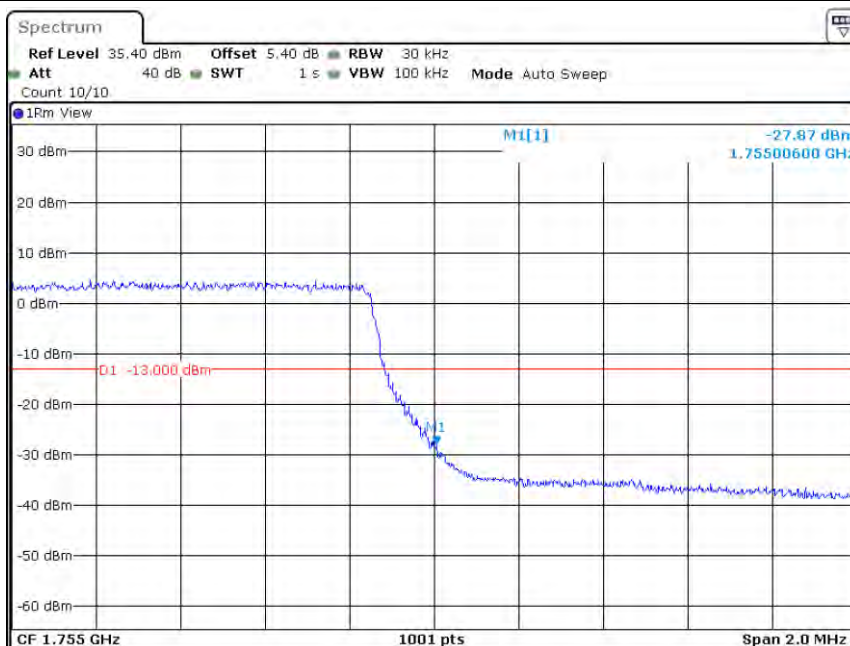
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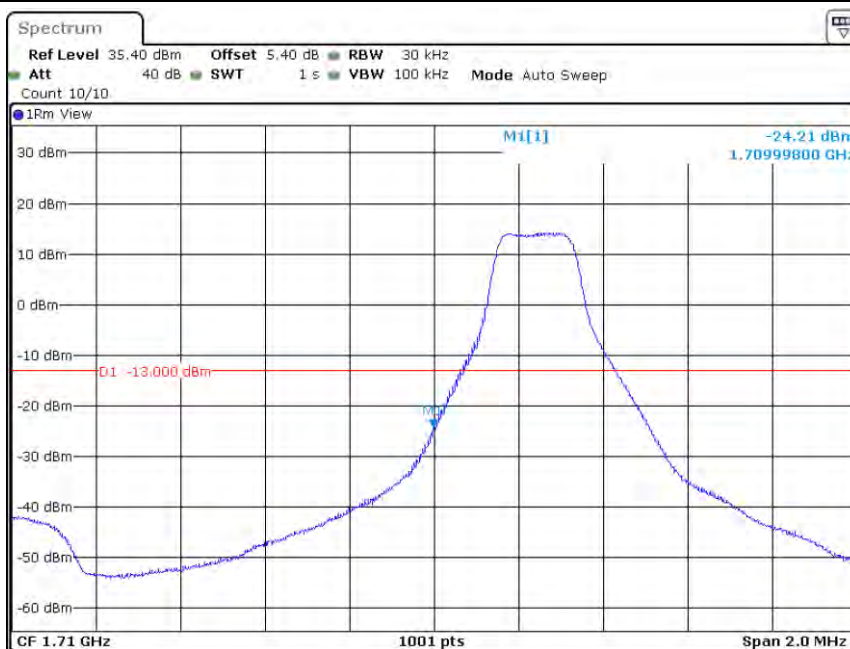


Band4-3MHz-QPSK-20385-15RB#0



Date: 7.SEP.2020 11:00:04

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



Date: 7.SEP.2020 12:36:08



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



Date: 7.SEP.2020 12:36:29

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



Date: 7.SEP.2020 12:36:55



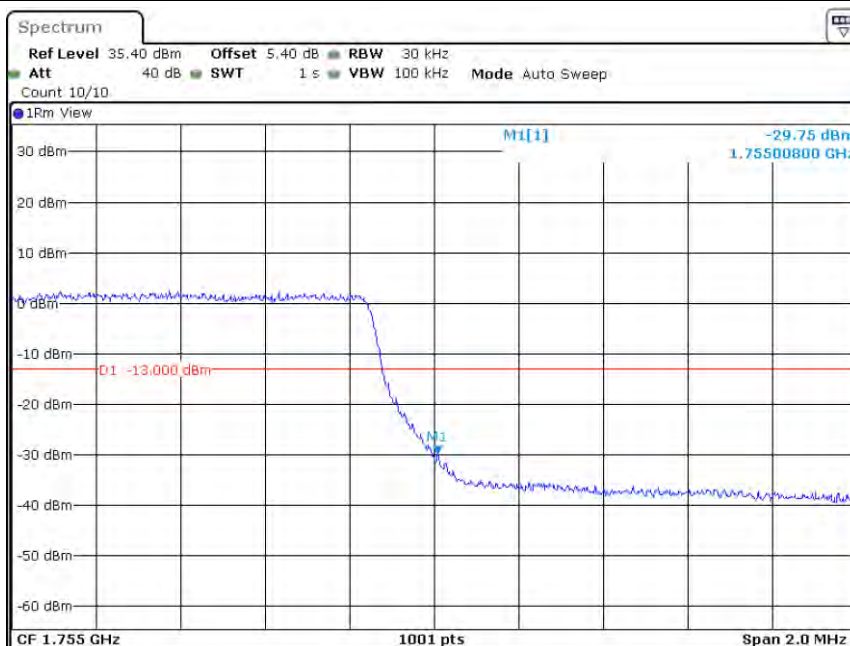
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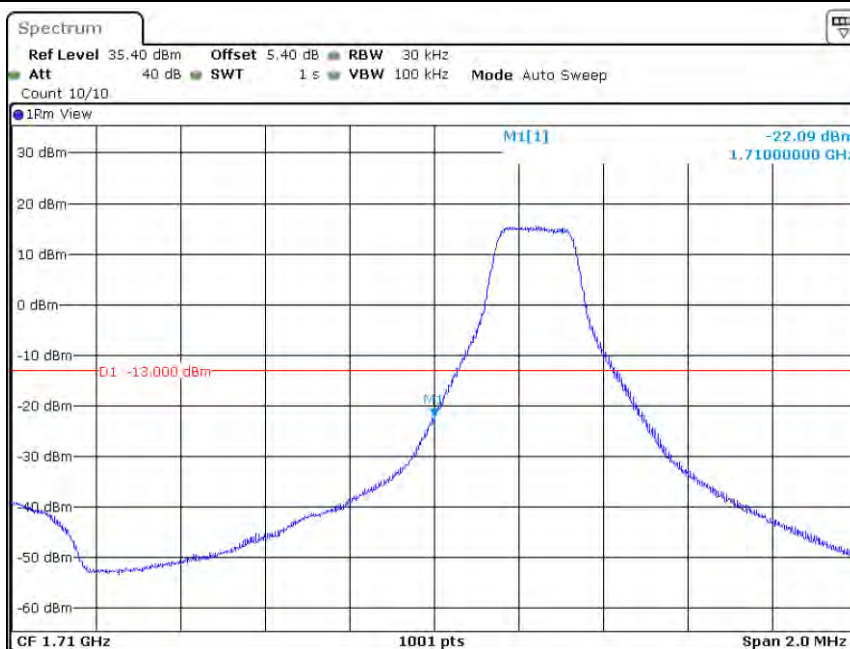


Band4-3MHz-64QAM-20385-15RB#0



Date: 7.SEP.2020 12:37:15

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



Date: 7.SEP.2020 10:58:17



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



Date: 7.SEP.2020 10:58:58

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

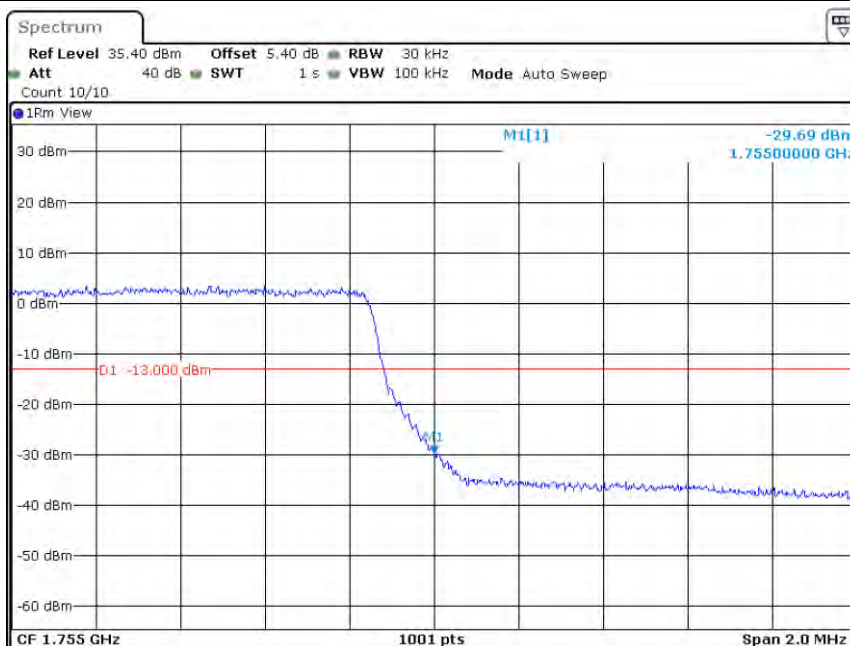


Date: 7.SEP.2020 10:59:44



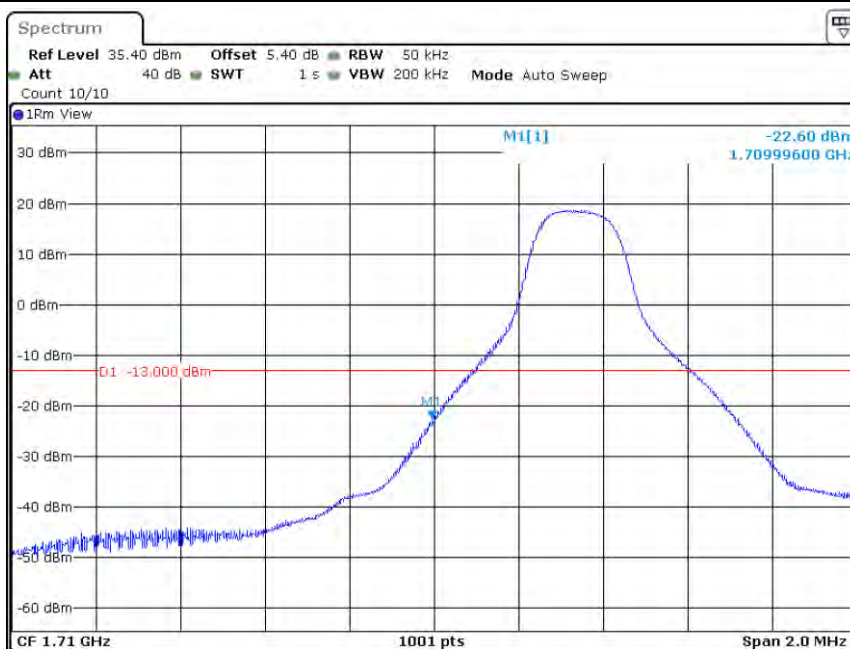


Band4-3MHz-16QAM-20385-15RB#0



Date: 7.SEP.2020 11:00:25

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



Date: 7.SEP.2020 11:00:52



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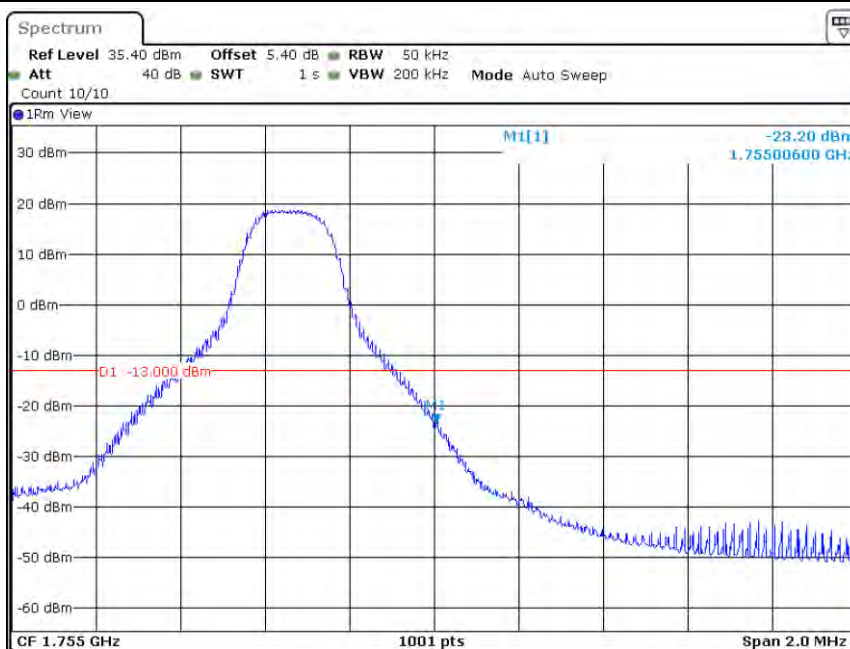


Band4-5MHz-QPSK-19975-25RB#0



Date: 7.SEP.2020 11:01:33

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



Date: 7.SEP.2020 11:02:19



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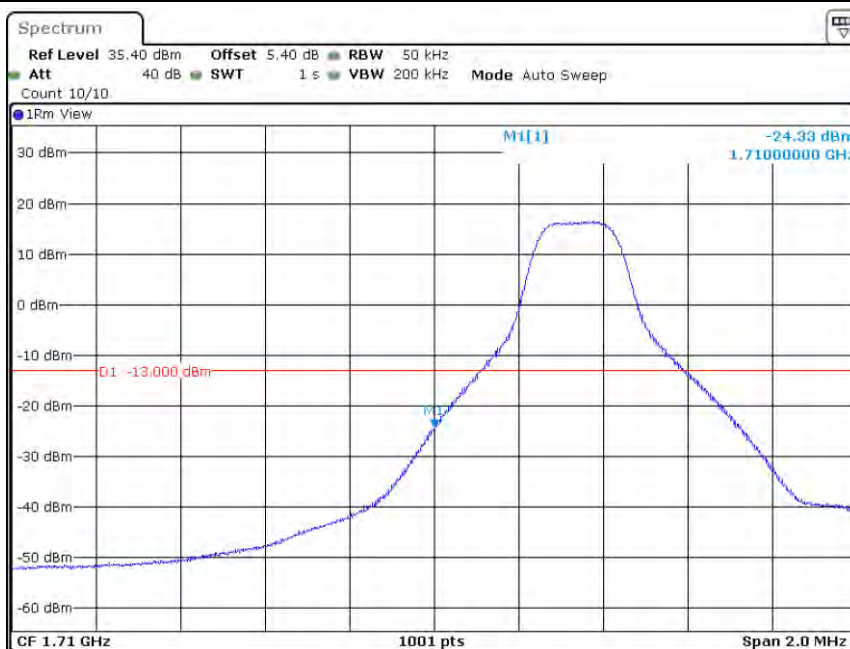


Band4-5MHz-QPSK-20375-25RB#0



Date: 7.SEP.2020 11:03:00

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



Date: 7.SEP.2020 12:37:43



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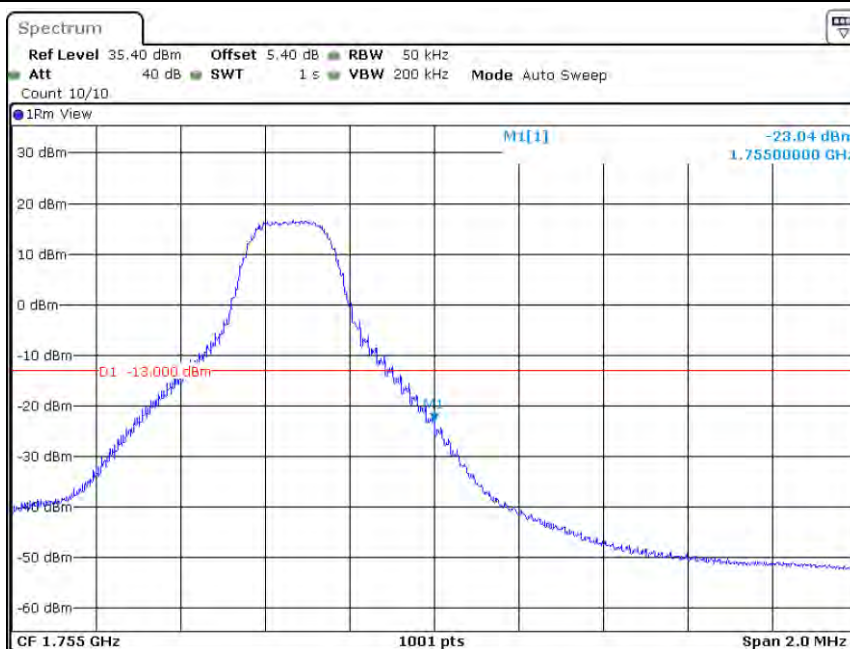


Band4-5MHz-64QAM-19975-25RB#0



Date: 7.SEP.2020 12:38:03

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



Date: 7.SEP.2020 12:38:31

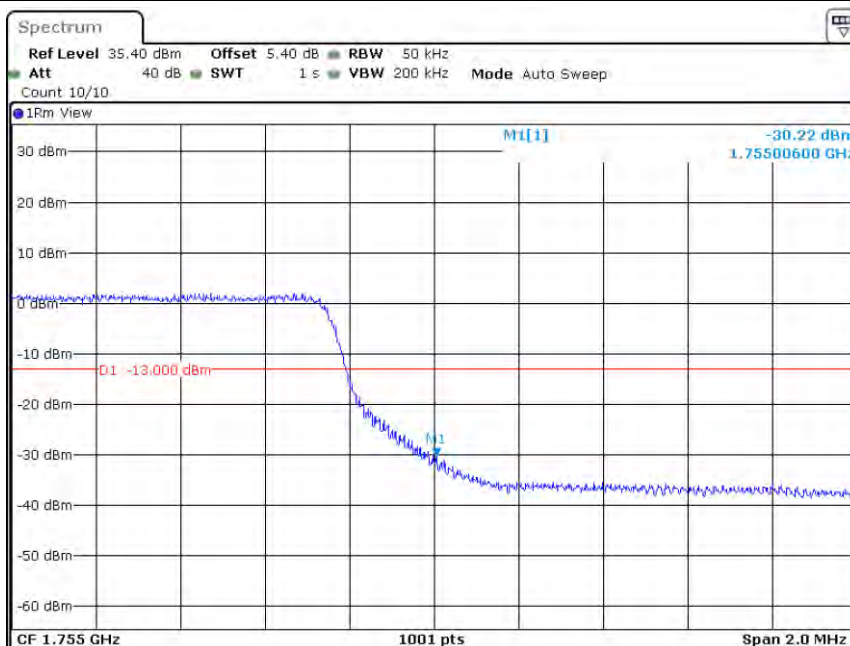


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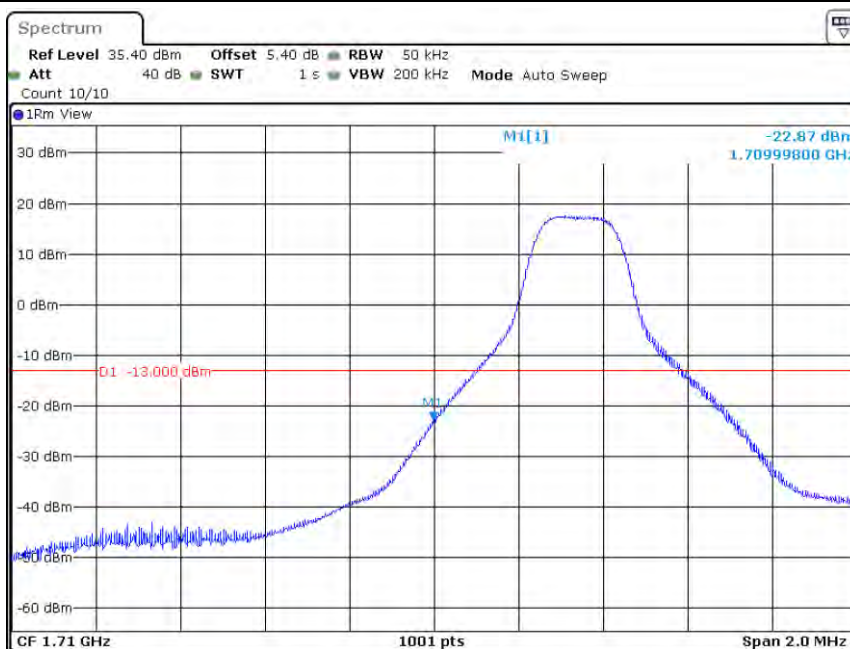


Band4-5MHz-64QAM-20375-25RB#0



Date: 7.SEP.2020 12:38:51

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



Date: 7.SEP.2020 11:01:12



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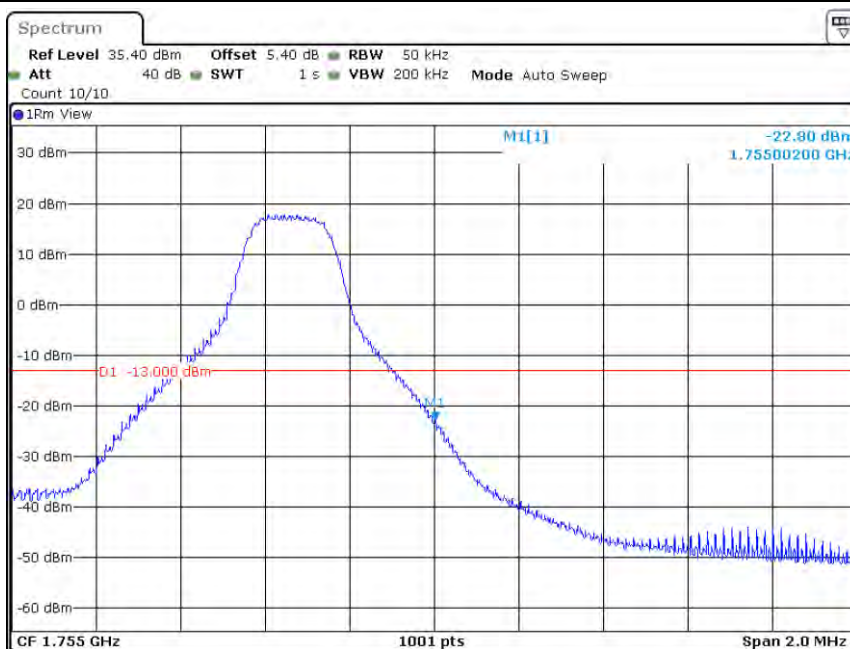


Band4-5MHz-16QAM-19975-25RB#0



Date: 7.SEP.2020 11:01:54

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



Date: 7.SEP.2020 11:02:39

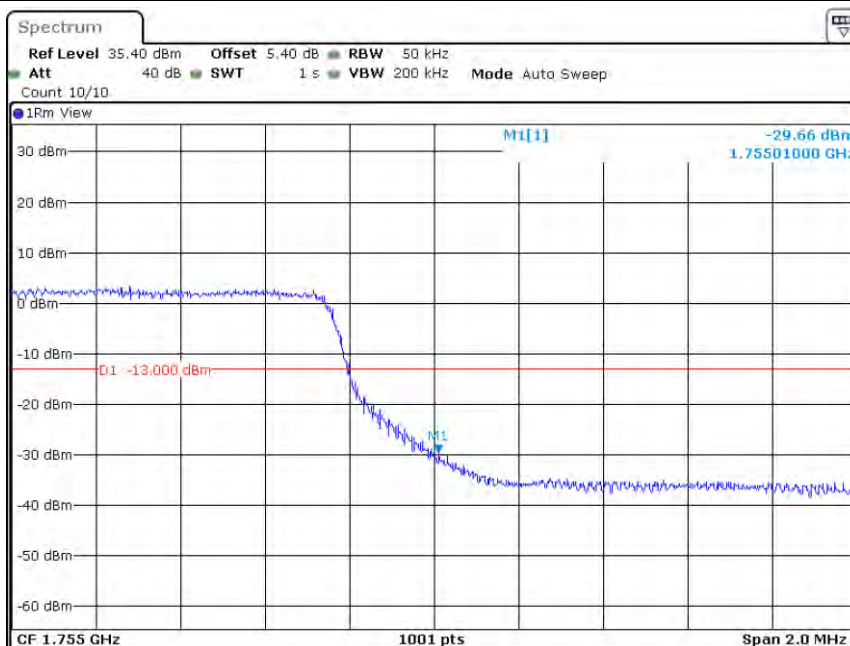


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Band4-5MHz-16QAM-20375-25RB#0



Date: 7.SEP.2020 11:03:21

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



Date: 7.SEP.2020 11:03:47



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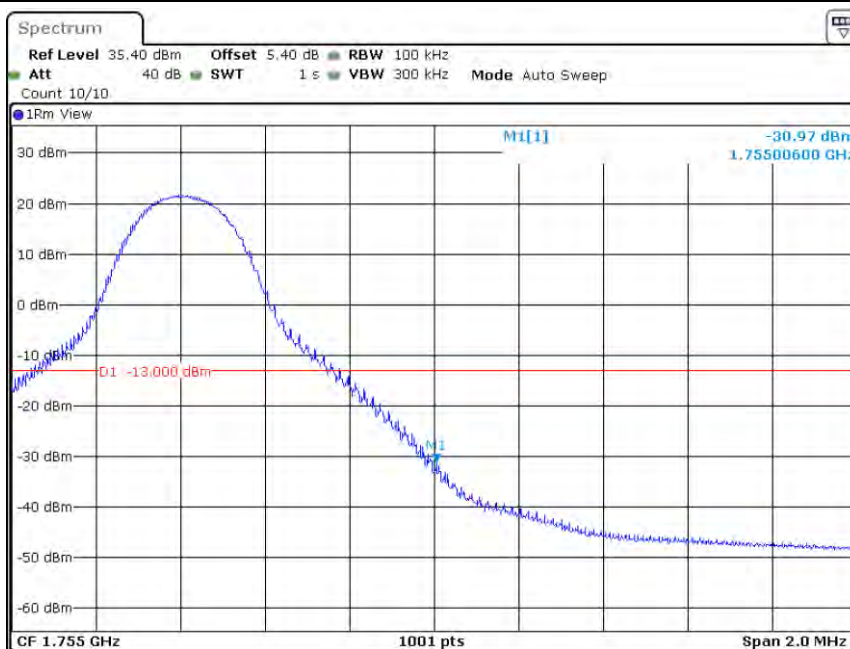
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Band4-10MHz-QPSK-20000-50RB#0



Date: 7.SEP.2020 11:04:29

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



Date: 7.SEP.2020 11:05:15



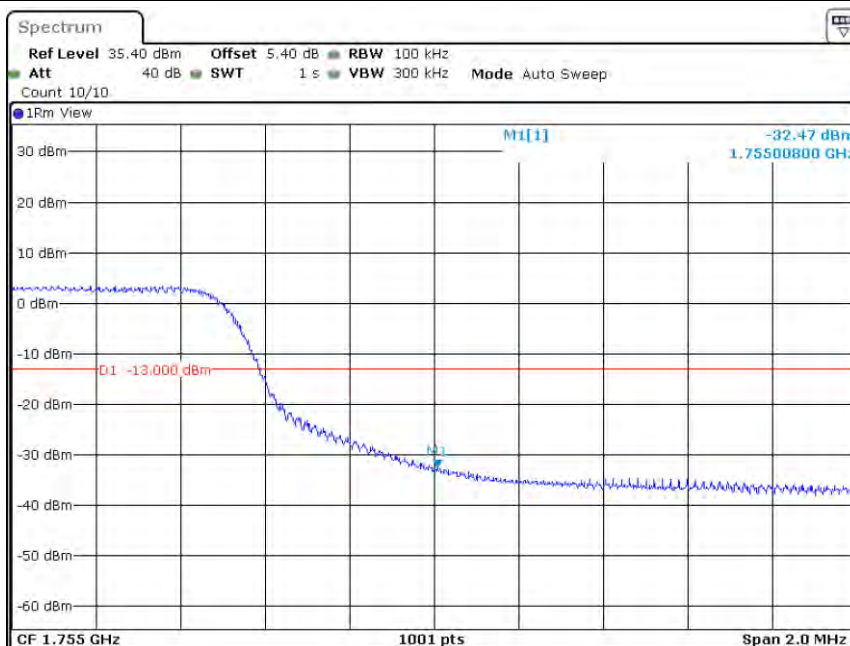
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Band4-10MHz-QPSK-20350-50RB#0



Date: 7.SEP.2020 11:05:56

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



Date: 7.SEP.2020 12:39:19



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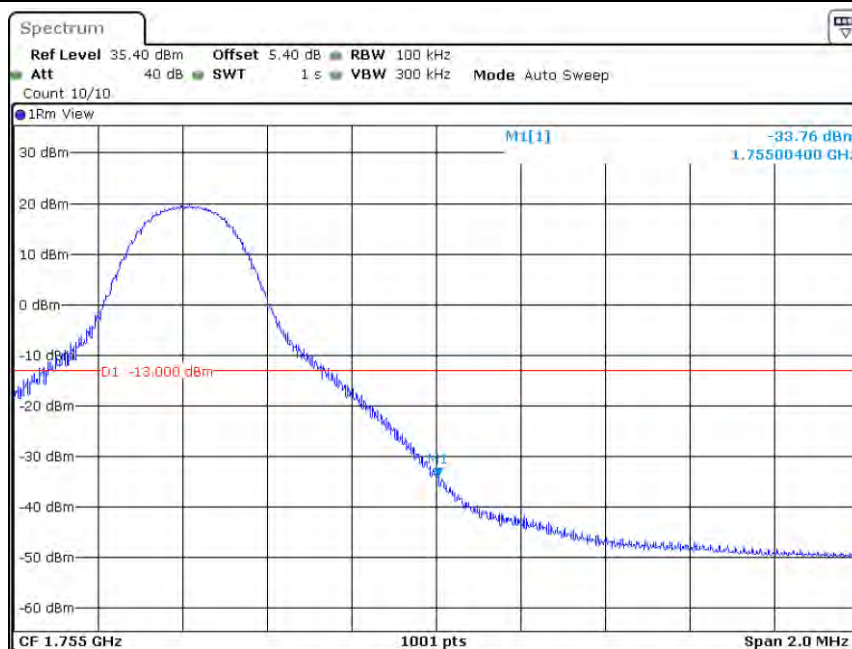
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Band4-10MHz-64QAM-20000-50RB#0



Date: 7.SEP.2020 12:39:39

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



Date: 7.SEP.2020 12:40:05

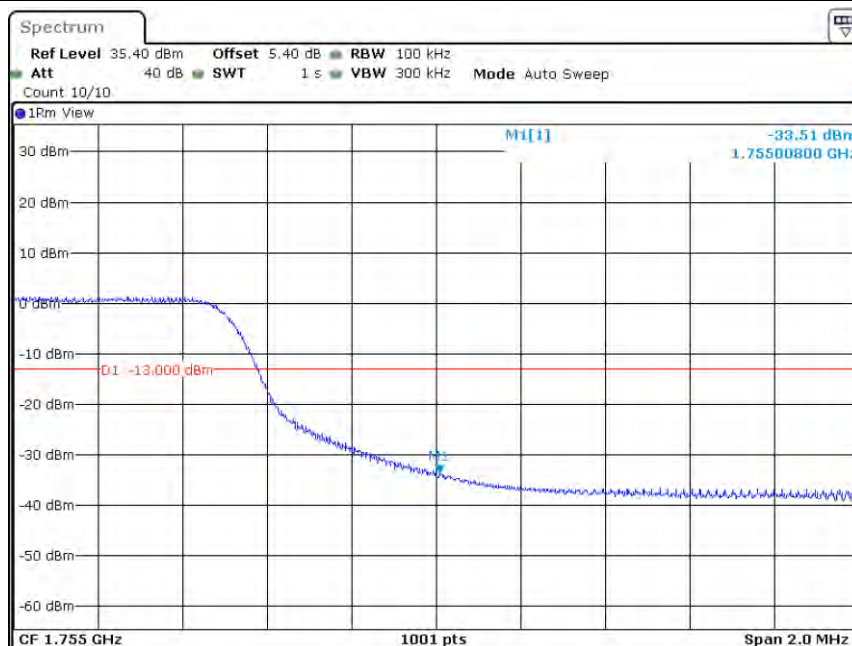


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Band4-10MHz-64QAM-20350-50RB#0



Date: 7.SEP.2020 12:40:27

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



Date: 7.SEP.2020 11:04:08



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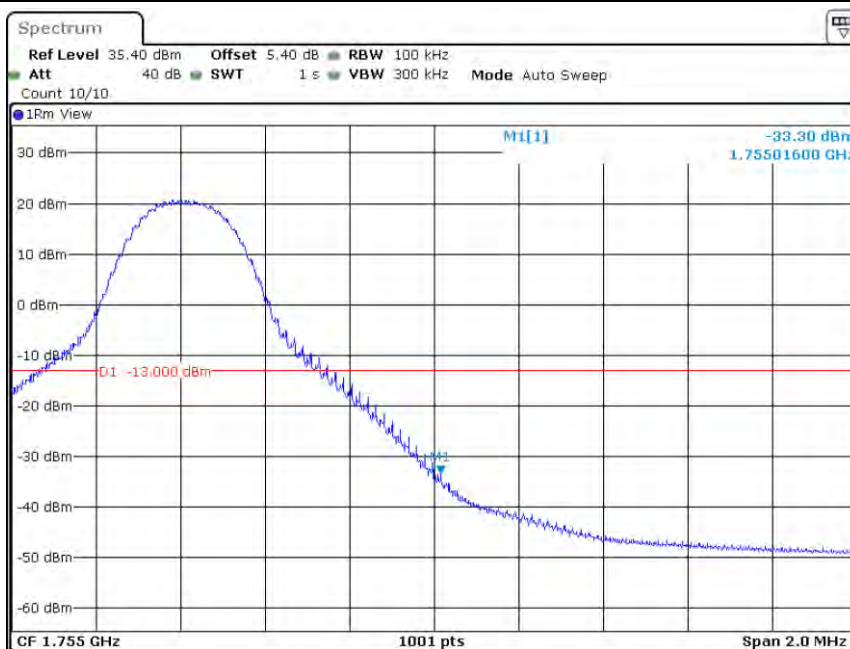


Band4-10MHz-16QAM-20000-50RB#0



Date: 7.SEP.2020 11:04:50

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



Date: 7.SEP.2020 11:05:36

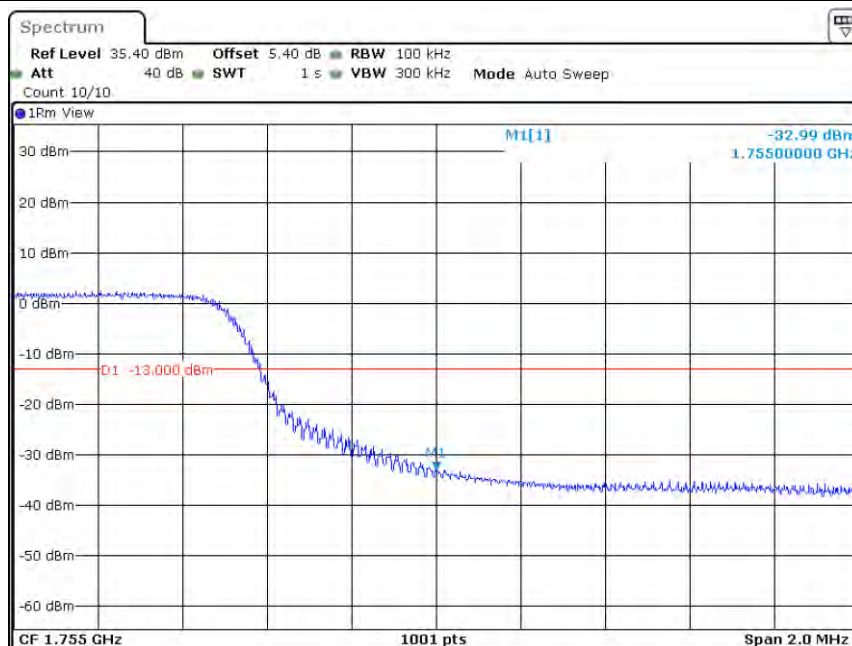


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Band4-10MHz-16QAM-20350-50RB#0



Date: 7.SEP.2020 11:06:17

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



Date: 7.SEP.2020 11:06:44



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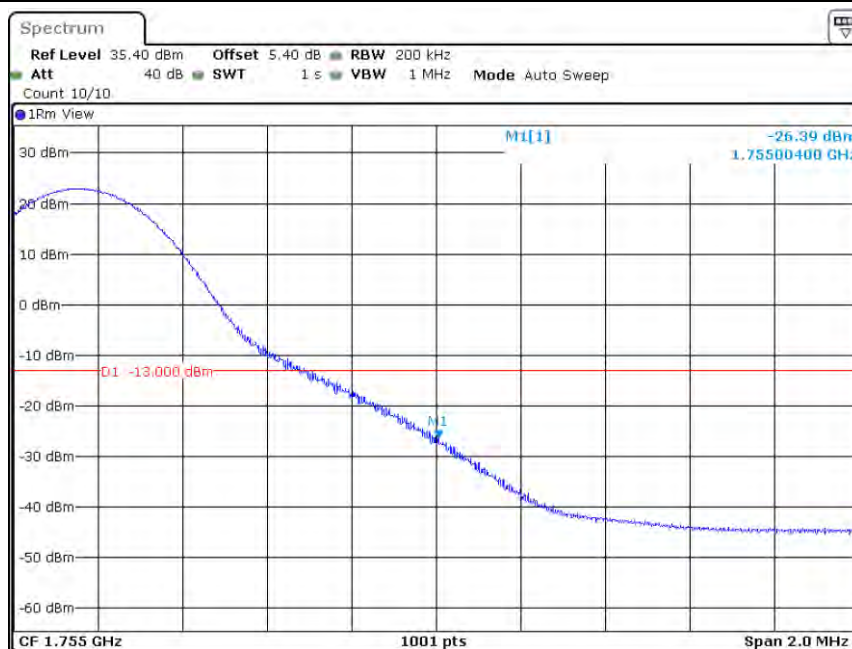


Band4-15MHz-QPSK-20025-75RB#0



Date: 7.SEP.2020 11:07:25

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



Date: 7.SEP.2020 11:08:11

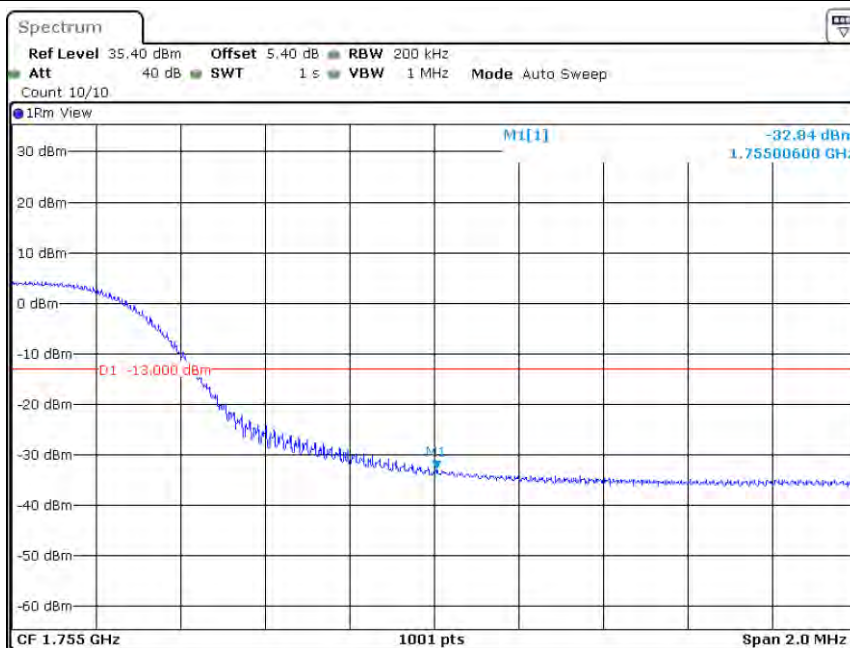


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Band4-15MHz-QPSK-20325-75RB#0



Date: 7.SEP.2020 11:08:52

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



Date: 7.SEP.2020 12:40:54



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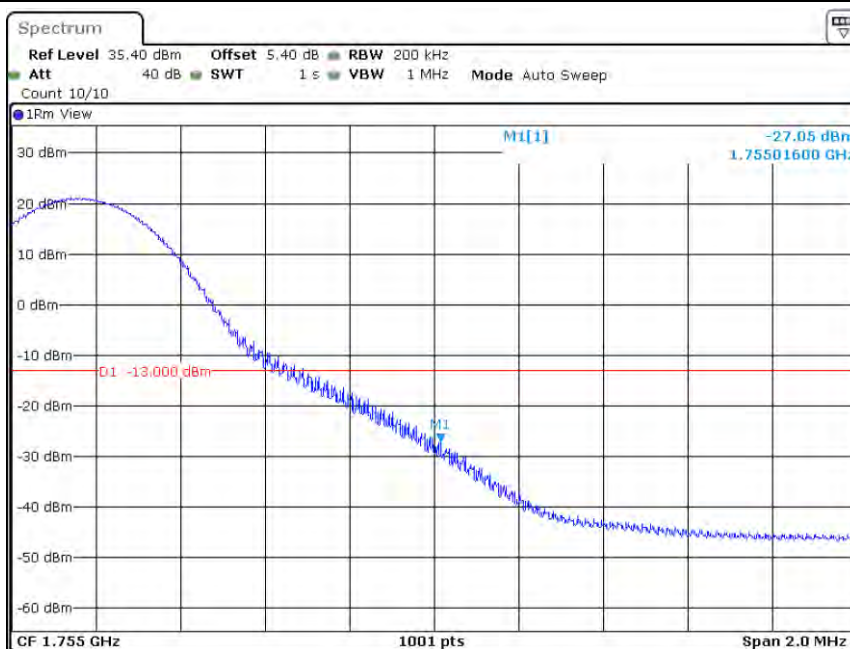


Band4-15MHz-64QAM-20025-75RB#0



Date: 7.SEP.2020 12:41:15

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



Date: 7.SEP.2020 12:41:41

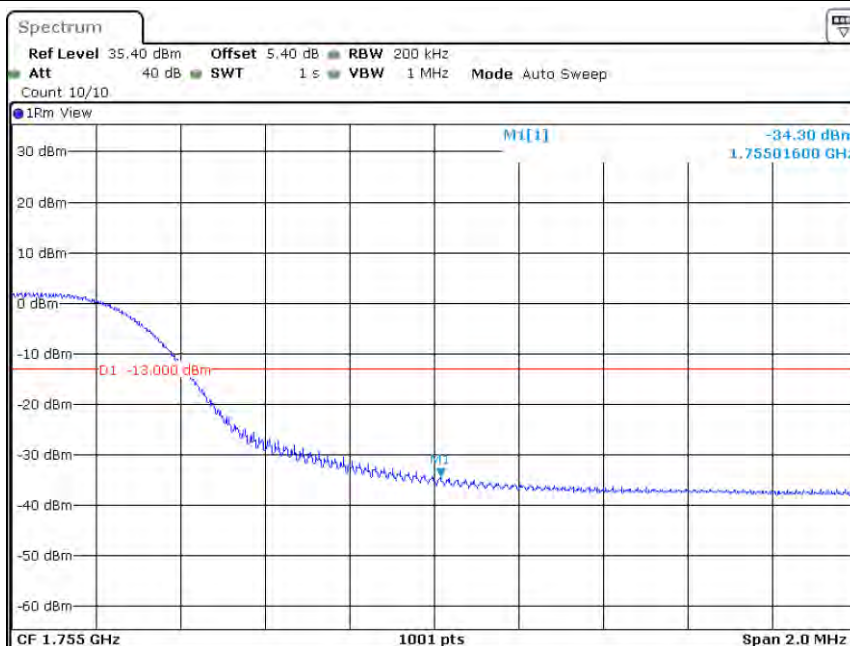


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Band4-15MHz-64QAM-20325-75RB#0



Date: 7.SEP.2020 12:42:01

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



Date: 7.SEP.2020 11:07:04



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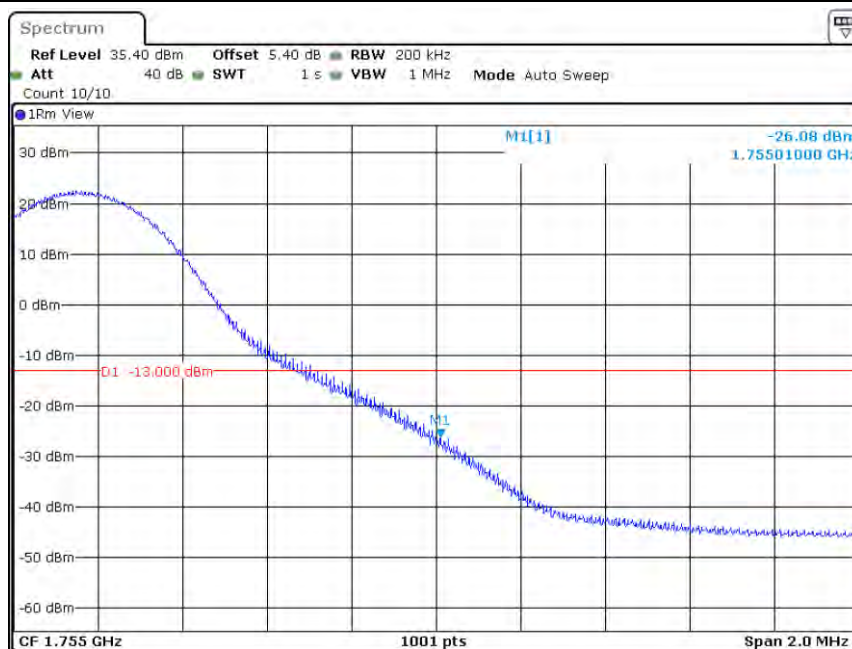


Band4-15MHz-16QAM-20025-75RB#0



Date: 7.SEP.2020 11:07:46

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



Date: 7.SEP.2020 11:08:31

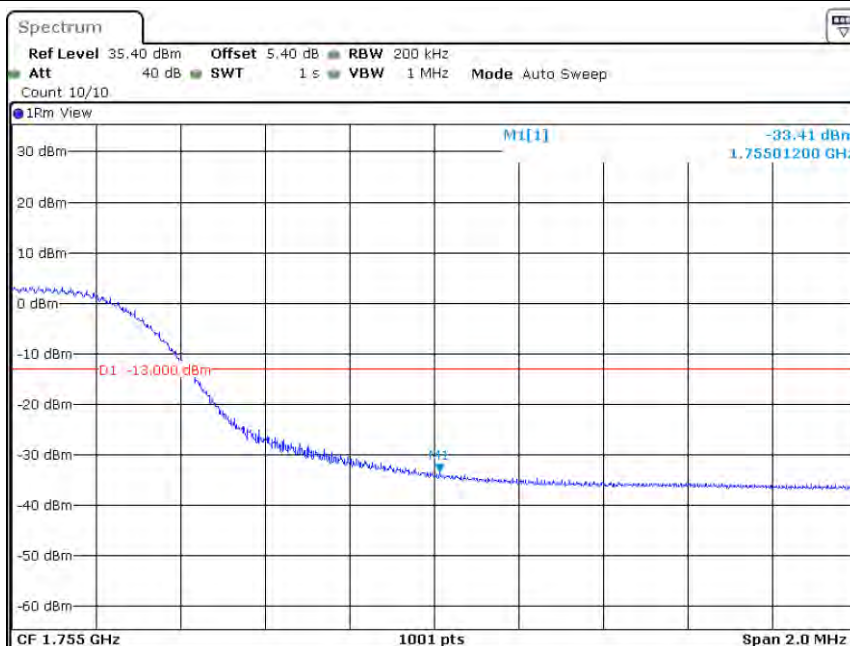


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Band4-15MHz-16QAM-20325-75RB#0



Date: 7.SEP.2020 11:09:13

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



Date: 7.SEP.2020 11:25:28



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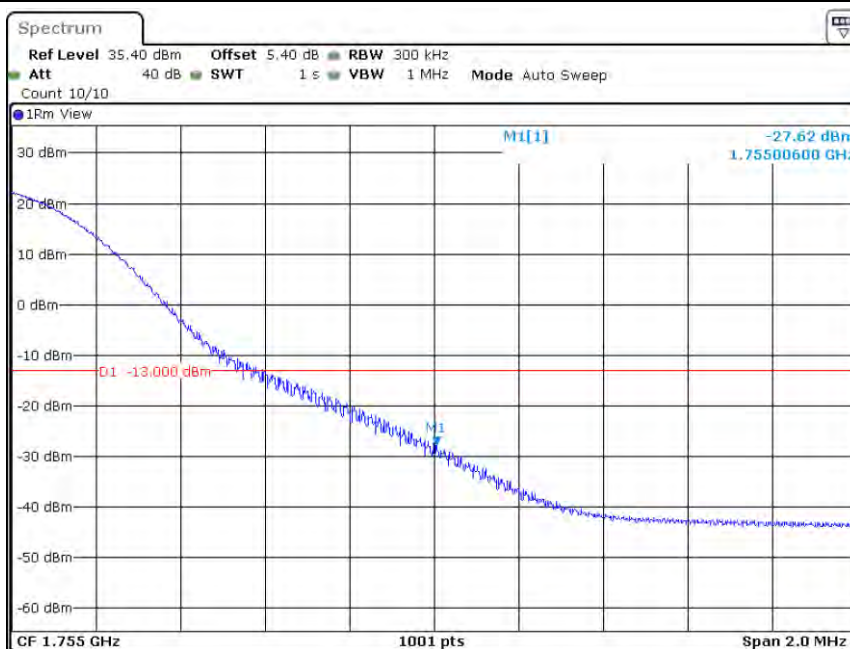


Band4-20MHz-QPSK-20050-100RB#0



Date: 7.SEP.2020 11:26:10

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



Date: 7.SEP.2020 11:26:56



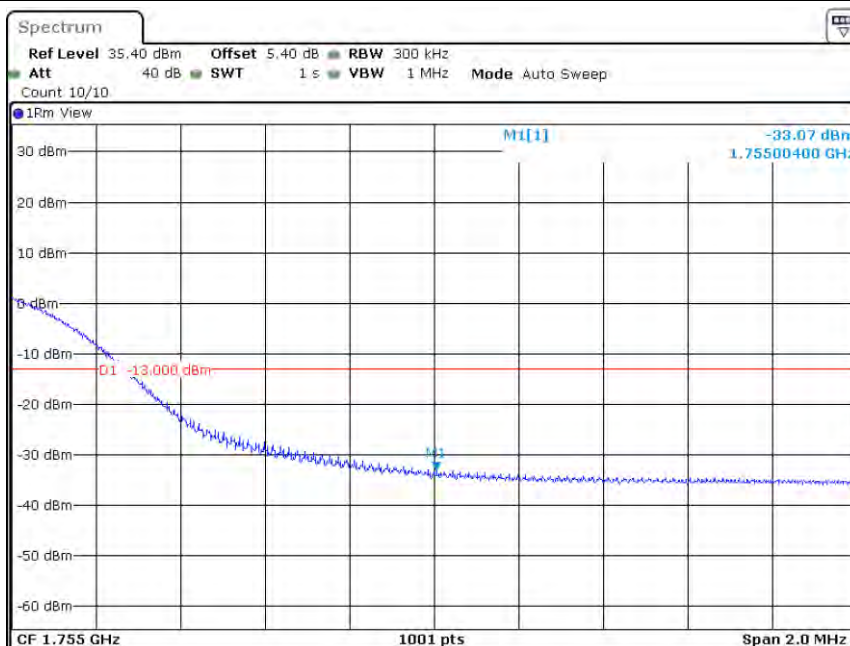
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Band4-20MHz-QPSK-20300-100RB#0



Date: 7.SEP.2020 11:27:37

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



Date: 7.SEP.2020 12:42:29



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



Date: 7.SEP.2020 12:42:50

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



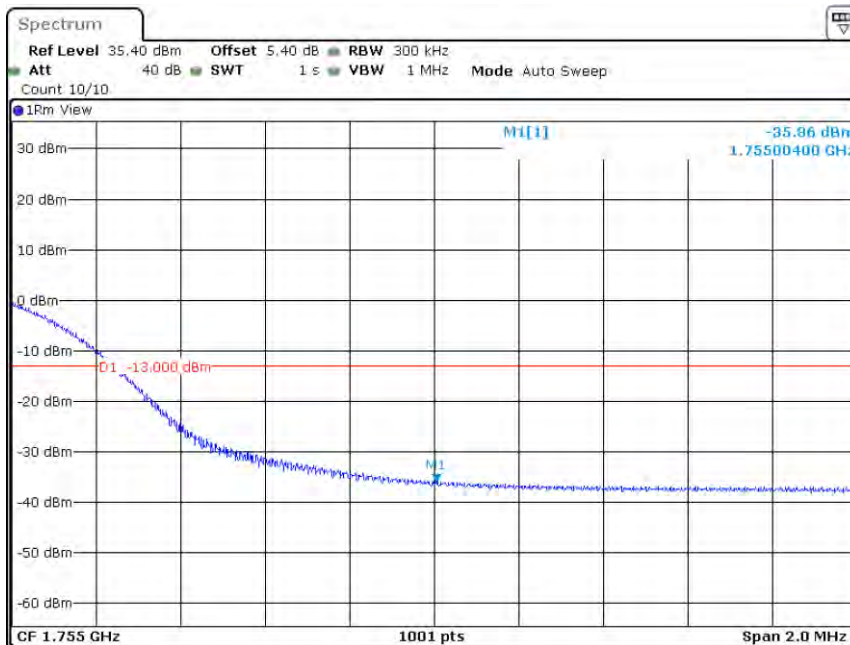
Date: 7.SEP.2020 12:43:16



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



Date: 7.SEP.2020 12:43:37

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



Date: 7.SEP.2020 11:25:49



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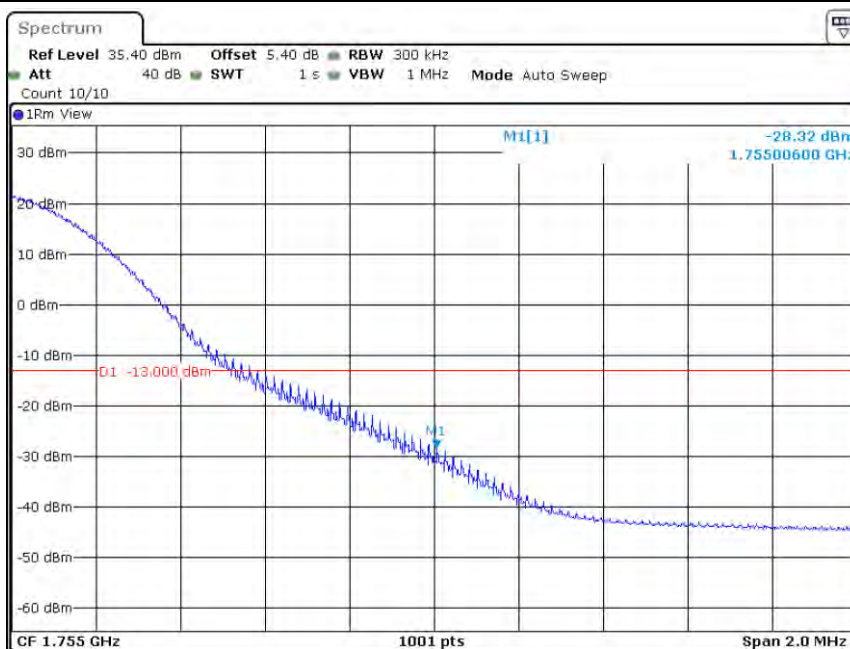


Band4-20MHz-16QAM-20050-100RB#0



Date: 7.SEP.2020 11:26:30

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Date: 7.SEP.2020 11:27:17

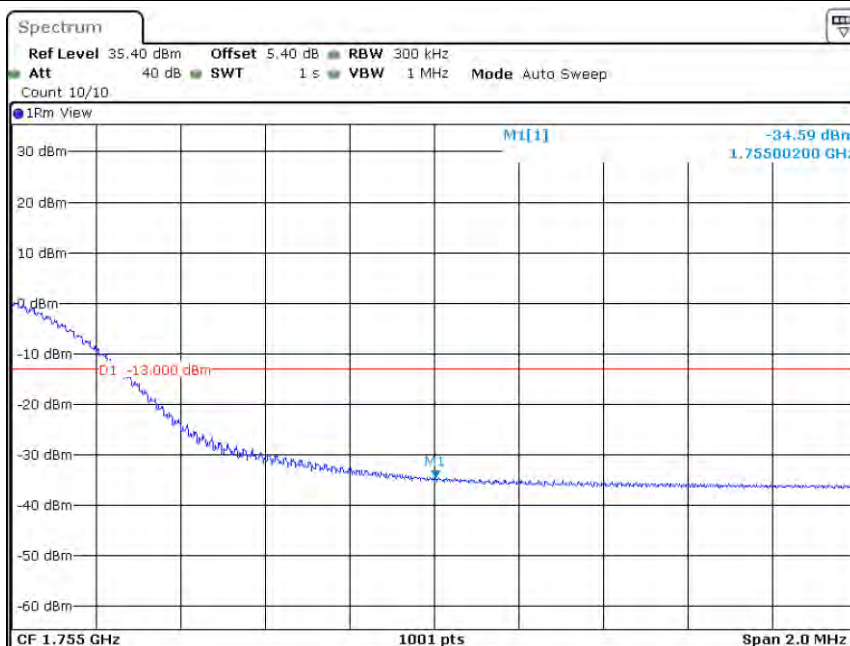


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Band4-20MHz-16QAM-20300-100RB#0



Date: 7.SEP.2020 11:27:58



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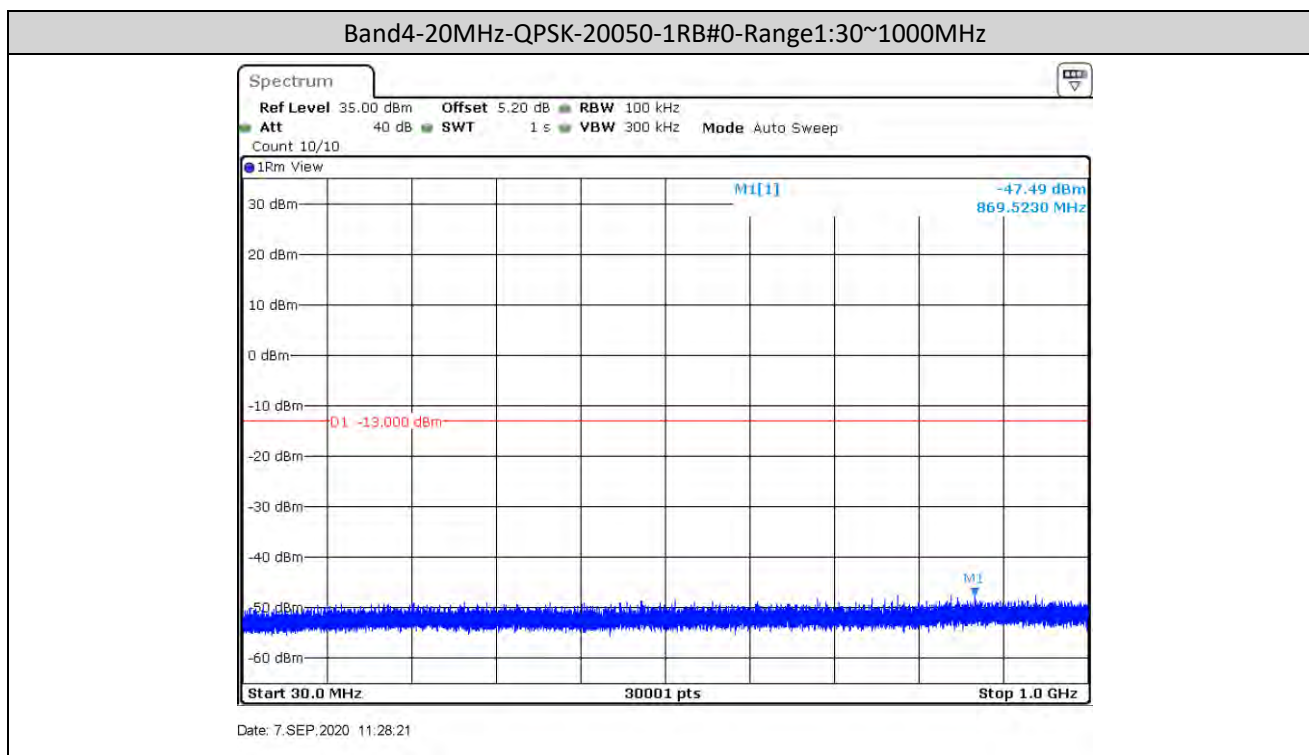


6. Spurious Emission at Antenna Terminal

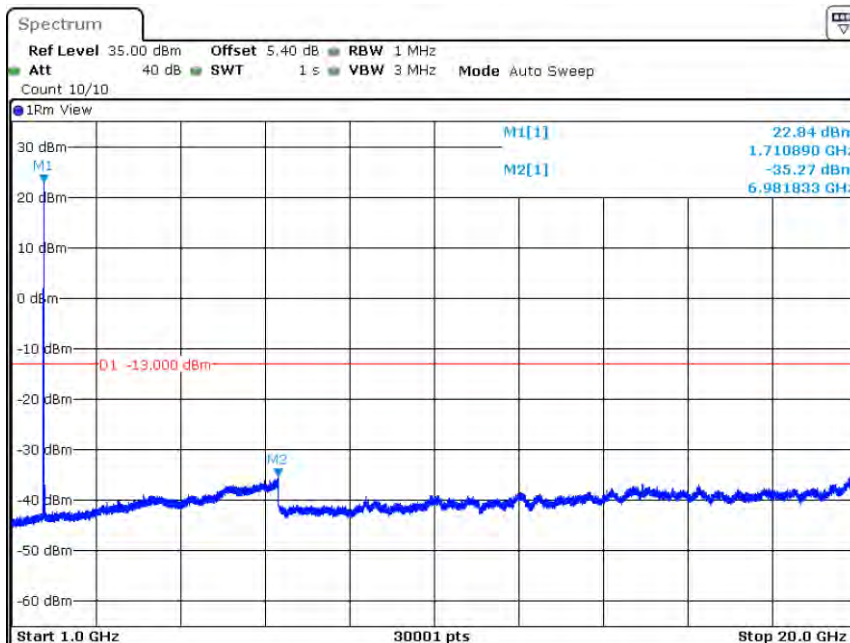
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

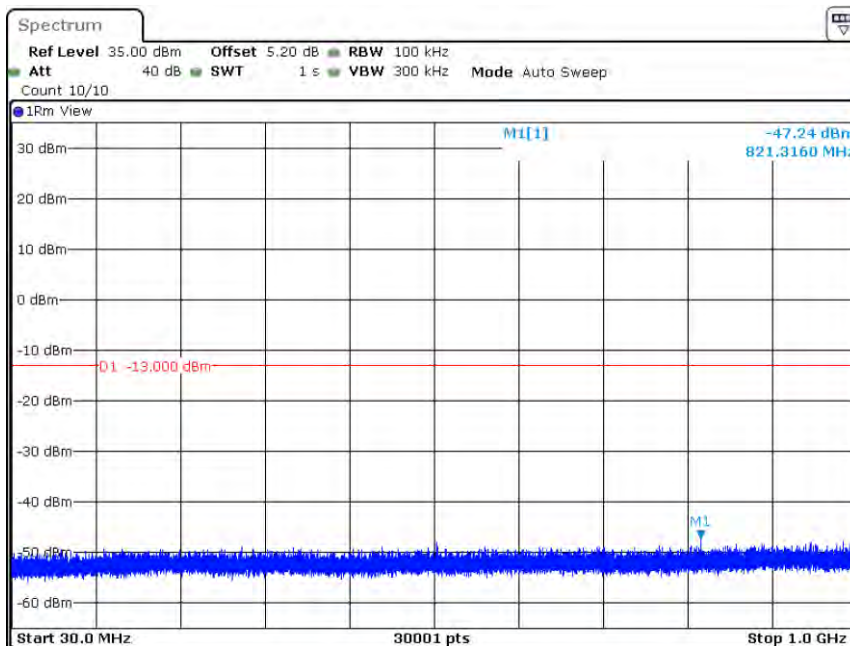


Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 11:28:37

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



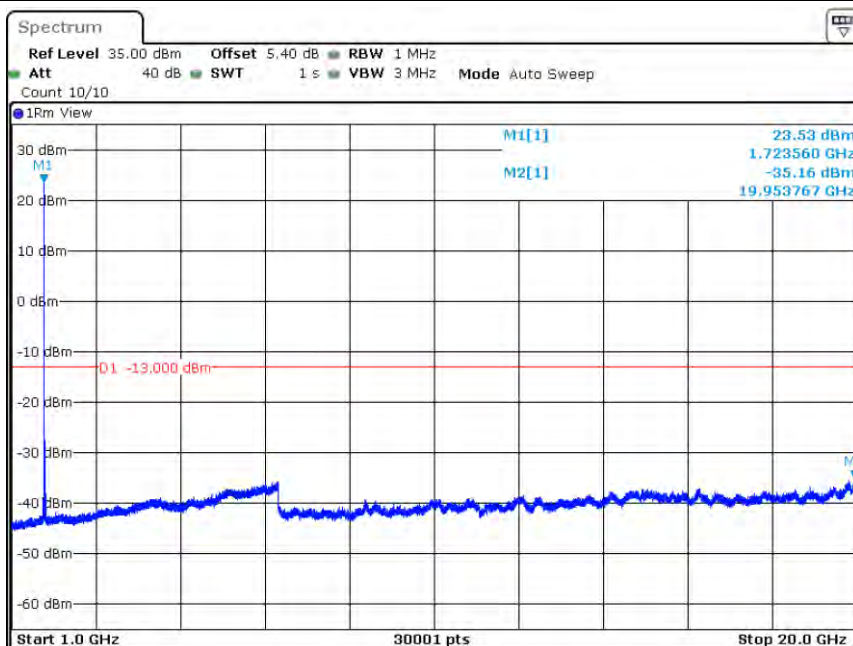
Date: 7.SEP.2020 11:29:31



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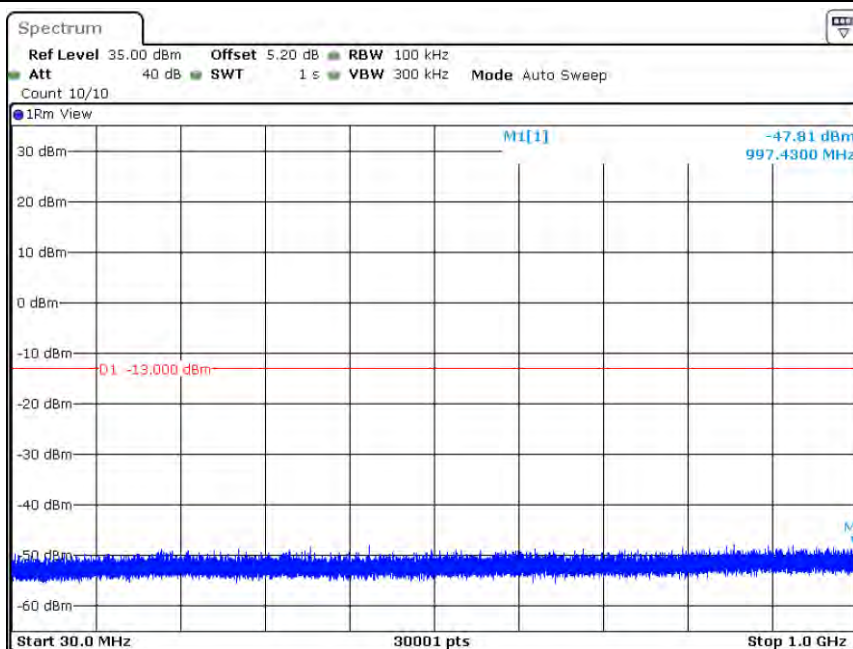
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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 11:29:47

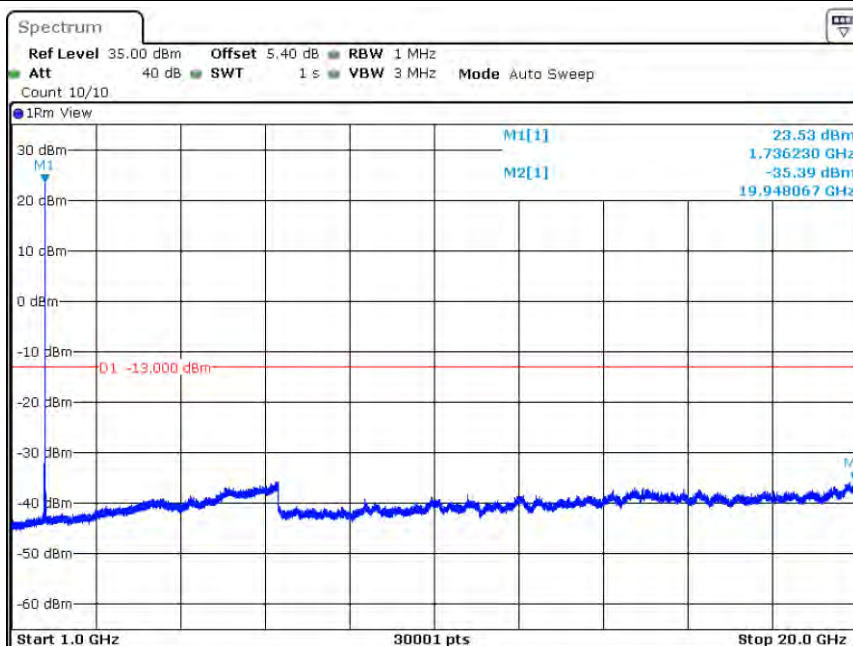
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Date: 7.SEP.2020 11:30:41

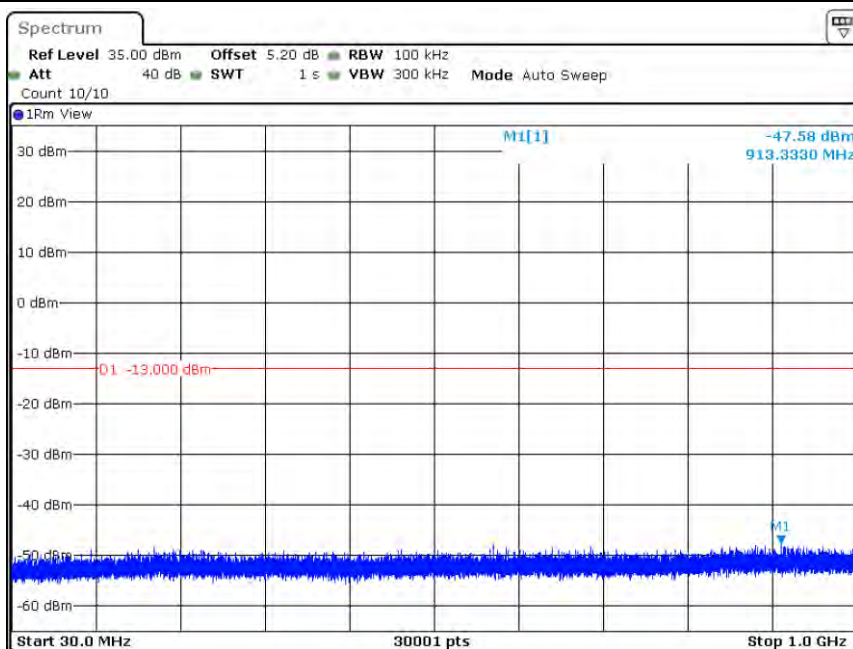


Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 11:30:57

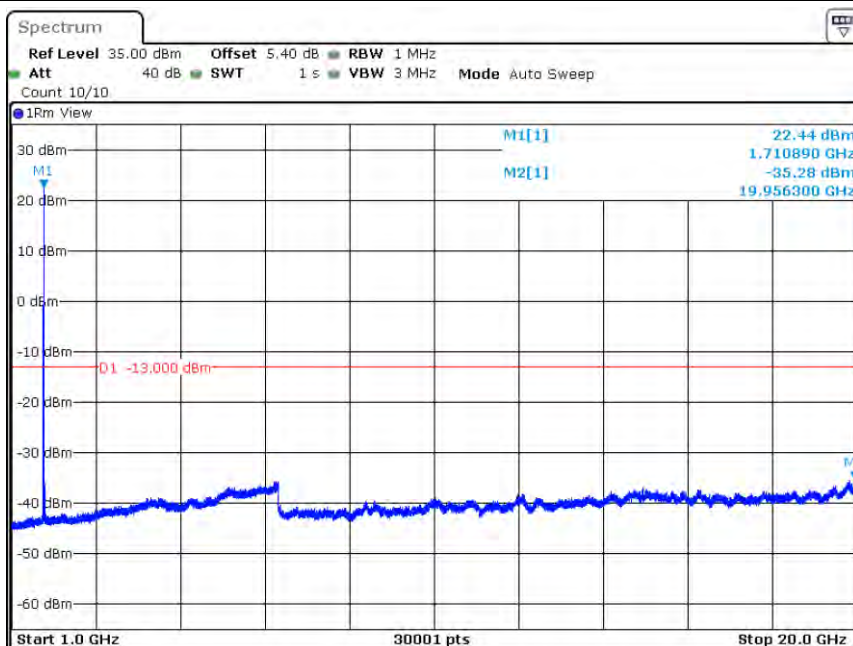
Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Date: 7.SEP.2020 12:44:00

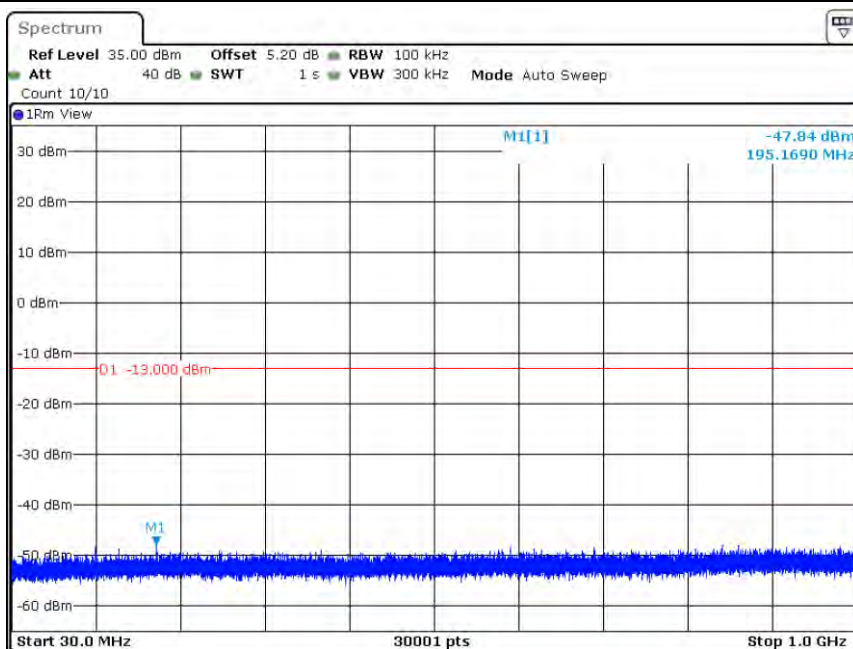


Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 12:44:17

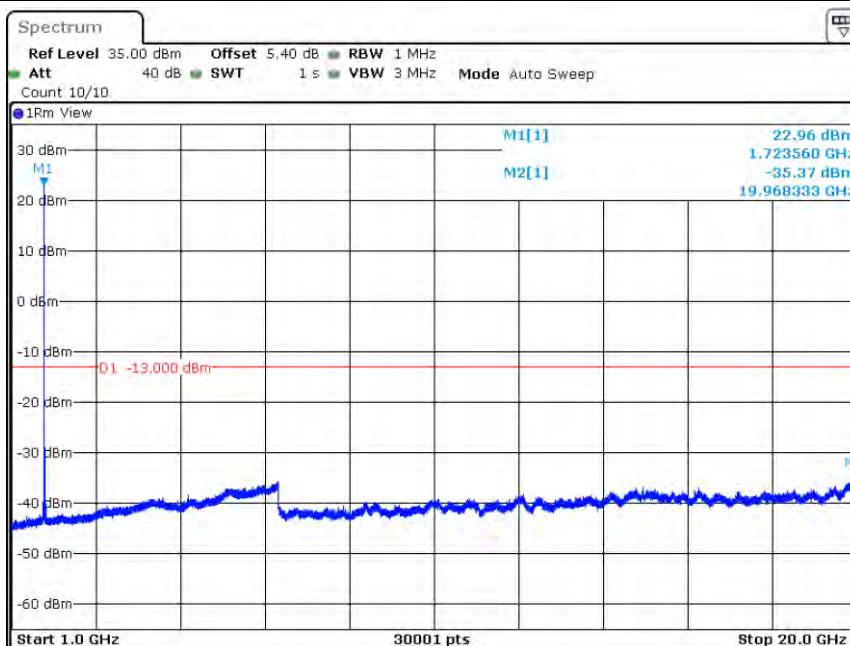
Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Date: 7.SEP.2020 12:44:37

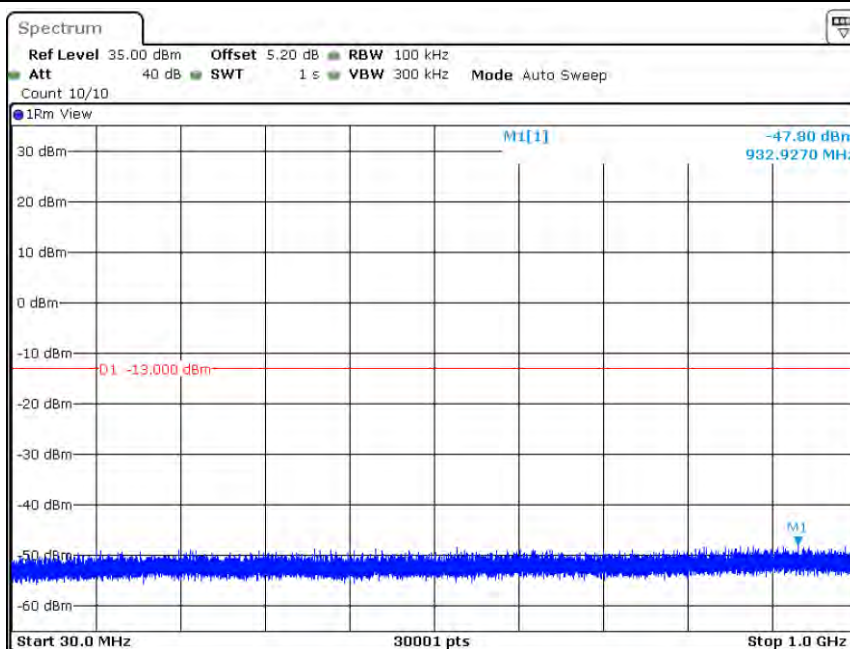


Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 12:44:53

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



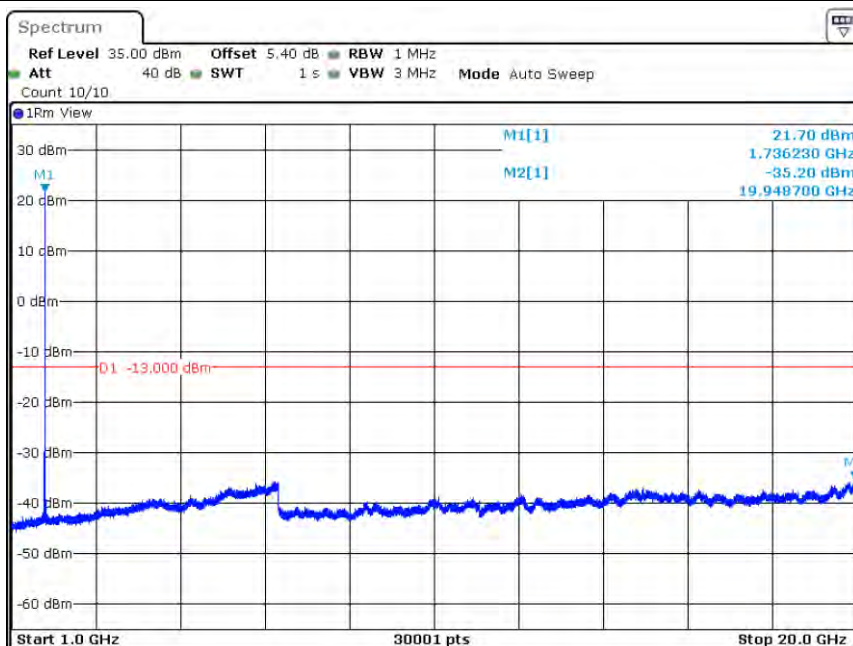
Date: 7.SEP.2020 12:45:12



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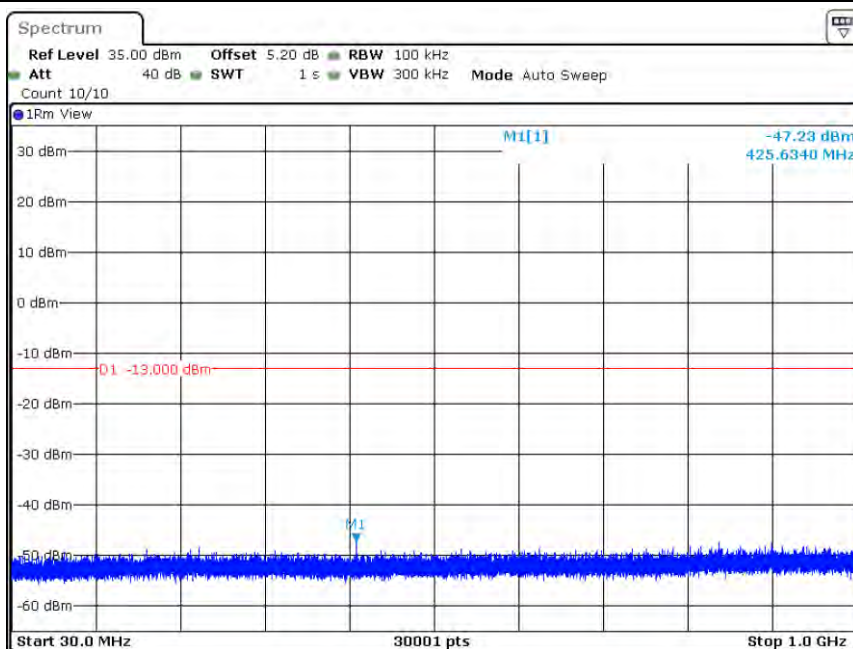
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 12:45:28

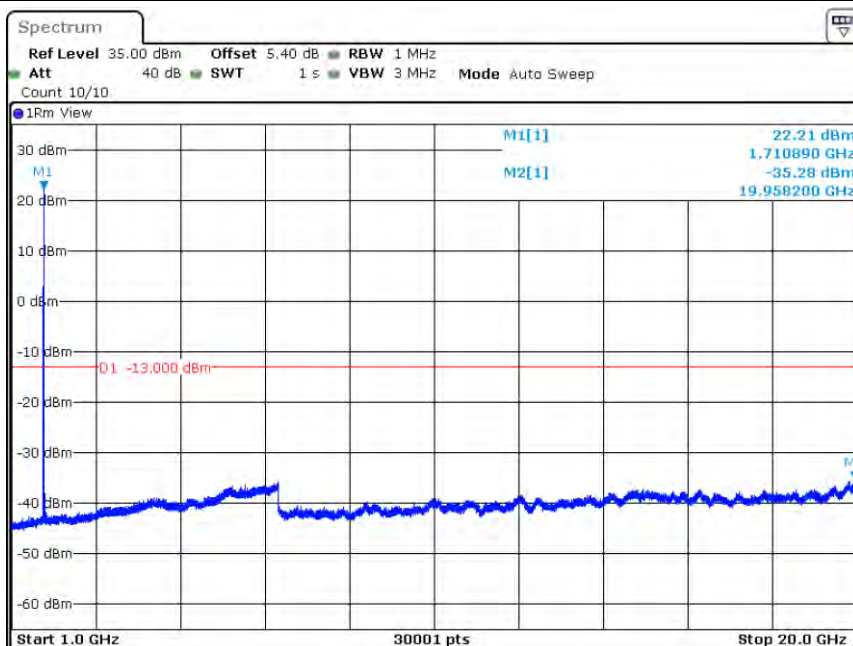
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 7.SEP.2020 11:28:56

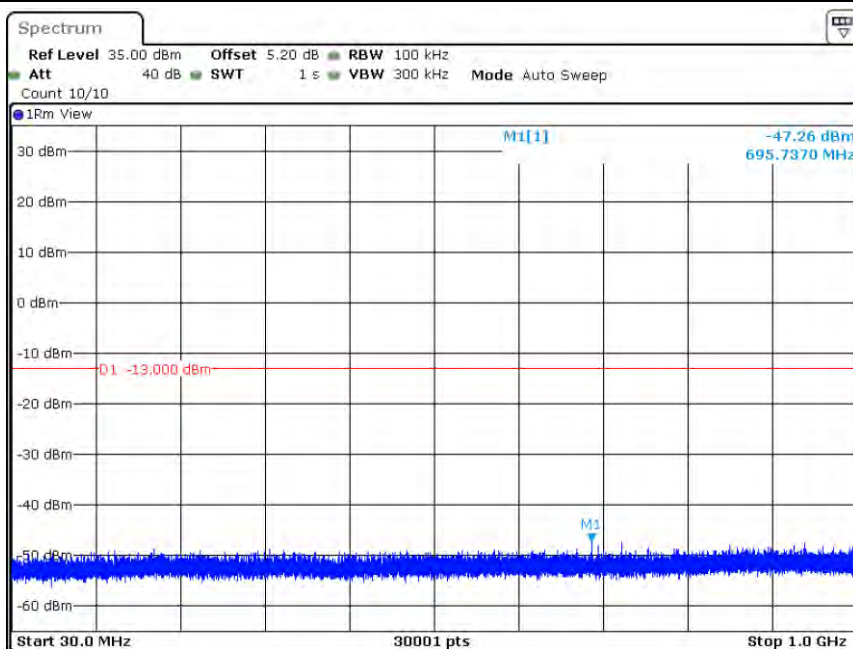


Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 11:29:12

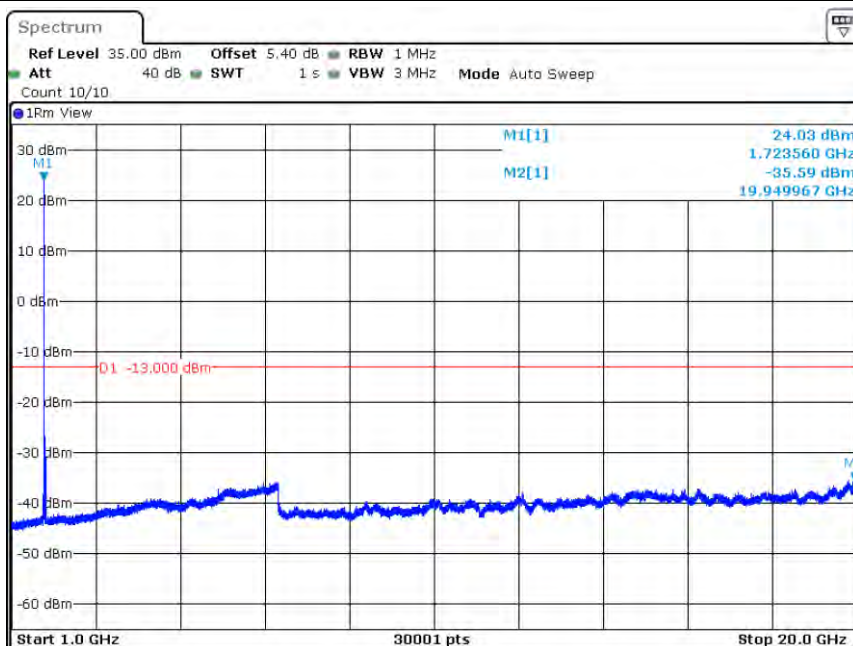
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Date: 7.SEP.2020 11:30:06

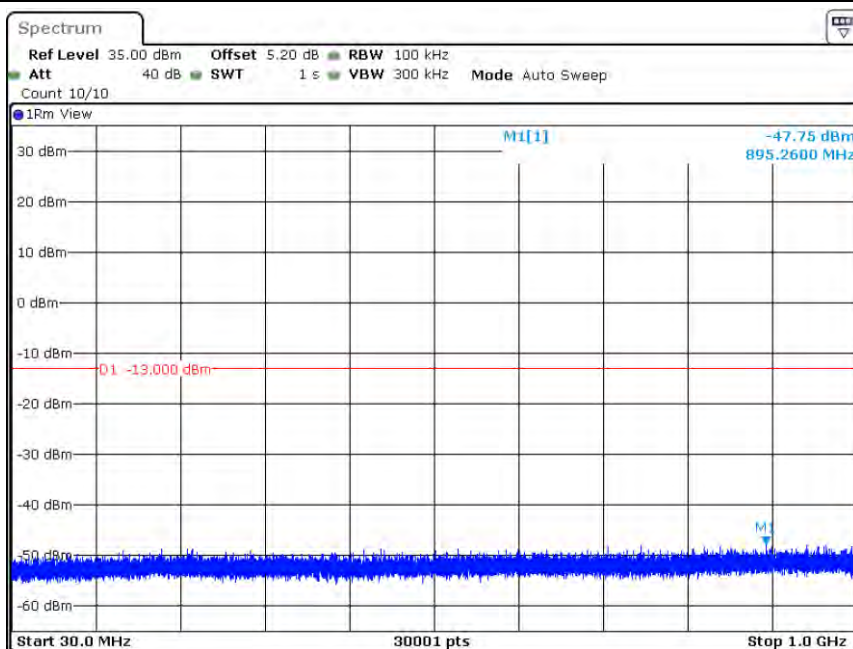


Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 7.SEP.2020 11:30:22

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

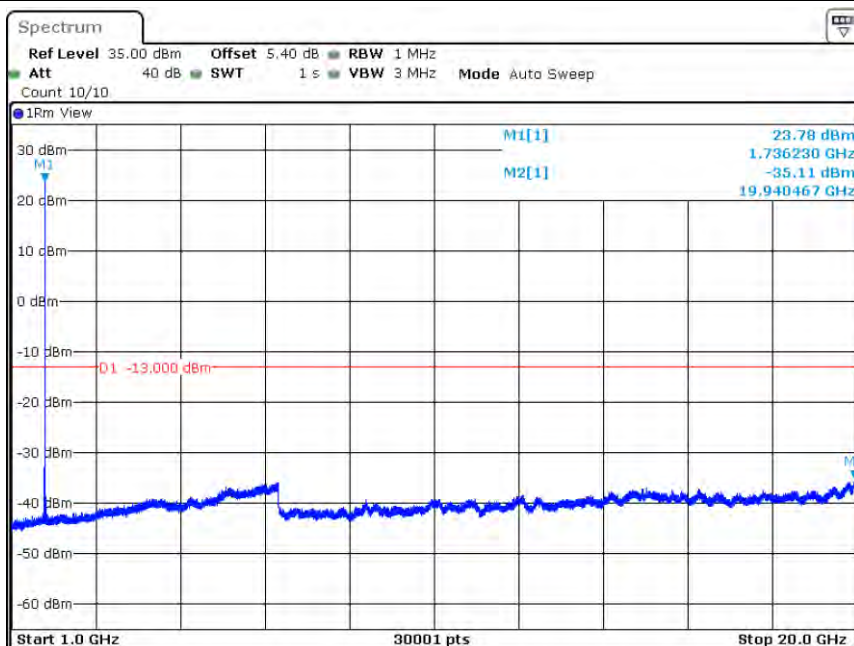


Date: 7.SEP.2020 11:31:16





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



Date: 7.SEP.2020 11:31:32



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.1028	-74.06	-13.00	61.06	Vertical
110.2230	-64.68	-13.00	51.68	Vertical
313.0602	-68.27	-13.00	55.27	Vertical
3422.0141	-62.32	-13.00	49.32	Vertical
7962.6654	-55.83	-13.00	42.83	Vertical
17998.5000	-40.65	-13.00	27.65	Vertical
41.6891	-63.85	-13.00	50.85	Horizontal
231.9156	-67.77	-13.00	54.77	Horizontal
2703.5407	-35.50	-13.00	22.50	Horizontal
3422.0141	-61.13	-13.00	48.13	Horizontal
7472.1491	-56.37	-13.00	43.37	Horizontal
16396.4465	-43.79	-13.00	30.79	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.3225	-73.36	-13.00	60.36	Vertical
113.7637	-65.48	-13.00	52.48	Vertical
381.3516	-68.41	-13.00	55.41	Vertical
3824.5275	-61.89	-13.00	48.89	Vertical
7329.6443	-55.76	-13.00	42.76	Vertical
17999.5000	-40.50	-13.00	27.50	Vertical
43.1927	-64.75	-13.00	51.75	Horizontal
88.4939	-74.00	-13.00	61.00	Horizontal
234.8257	-68.05	-13.00	55.05	Horizontal
3643.0214	-60.89	-13.00	47.89	Horizontal
7472.1491	-56.18	-13.00	43.18	Horizontal
16395.4465	-43.50	-13.00	30.50	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.4794	-73.19	-13.00	60.19	Vertical
110.4170	-65.43	-13.00	52.43	Vertical
495.6233	-66.67	-13.00	53.67	Vertical
5099.0700	-61.97	-13.00	48.97	Vertical
7480.1493	-55.87	-13.00	42.87	Vertical
17996.9999	-40.25	-13.00	27.25	Vertical
44.2112	-64.49	-13.00	51.49	Horizontal
99.8920	-75.52	-13.00	62.52	Horizontal
231.3821	-68.58	-13.00	55.58	Horizontal
3633.5211	-61.29	-13.00	48.29	Horizontal
7475.1492	-56.08	-13.00	43.08	Horizontal
16393.9465	-43.40	-13.00	30.40	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.





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	5.10	0.002965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	1.70	0.000988	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	1.80	0.001047	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	2.60	0.001501	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	3.10	0.001789	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	1.70	0.000981	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-0.50	-0.000287	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	0.40	0.000229	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	1.10	0.000640	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	3.00	0.001744	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	1.10	0.000640	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	3.60	0.002078	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	0.50	0.000289	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	0.30	0.000173	±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	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.70	0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	4.00	0.002326	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	3.30	0.001919	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	1.30	0.000750	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	0.50	0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-1.60	-0.000917	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-3.30	-0.001891	±2.5	PASS



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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	0.70	0.000407	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	0.50	0.000291	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	1.60	0.000930	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.40	0.001977	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	1.60	0.000930	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	0.60	0.000349	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	3.20	0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	2.90	0.001686	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	3.90	0.002251	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	0.40	0.000231	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.50	0.002597	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	1.10	0.000635	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-2.10	-0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	2.60	0.001501	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-0.50	-0.000287	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.80	-0.000458	±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	30	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-3.30	-0.001891	±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	-20	4.30	0.002500	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-1.00	-0.000581	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	3.30	0.001919	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	0.40	0.000233	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	3.60	0.002093	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	2.70	0.001570	±2.5	PASS



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Band4	20MHz	64QAM	20050	100RB#0	NV	40	2.20	0.001279	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	2.50	0.001453	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	2.20	0.001270	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	2.90	0.001674	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	2.50	0.001443	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	2.30	0.001328	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	2.10	0.001212	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-0.50	-0.000289	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	1.60	0.000924	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	0.10	0.000057	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	2.00	0.001163	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	1.70	0.000988	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	4.70	0.002733	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	0.30	0.000174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	1.60	0.000930	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	2.40	0.001395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	1.10	0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	0.90	0.000523	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	1.00	0.000581	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	1.10	0.000635	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.10	0.001212	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-2.20	-0.001270	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	1.20	0.000693	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.10	0.000058	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	2.10	0.001212	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	3.20	0.001847	±2.5	PASS



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Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-4.70	-0.002693	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-1.60	-0.000917	±2.5	PASS



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