



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	24.44	22.74	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.61	22.91	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	24.54	22.84	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	24.54	22.84	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	24.63	22.93	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	24.55	22.85	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	23.58	21.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.59	22.89	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.66	22.96	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.58	22.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	24.56	22.86	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	24.67	22.97	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	24.54	22.84	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.68	21.98	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.48	22.78	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.56	22.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.53	22.83	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	24.50	22.80	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	24.58	22.88	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	24.53	22.83	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.62	21.92	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	24.19	22.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.84	22.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	24.01	22.31	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	23.73	22.03	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	23.54	21.84	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	23.64	21.94	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.62	20.92	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.51	21.81	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.97	22.27	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.55	21.85	30.00	PASS



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Band4	1.4MHz	16QAM	20175	3RB#0	23.57	21.87	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	23.62	21.92	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	23.66	21.96	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.61	20.91	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.64	21.94	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.91	22.21	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.68	21.98	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	23.70	22.00	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	23.58	21.88	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	23.57	21.87	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.71	21.01	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.69	20.99	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.66	20.96	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.58	20.88	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.71	21.01	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.56	20.86	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.67	20.97	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.78	20.08	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.58	20.88	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.70	21.00	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.64	20.94	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.66	20.96	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	22.60	20.90	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	22.59	20.89	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.82	20.12	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.57	20.87	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.56	20.86	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.71	21.01	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.60	20.90	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.61	20.91	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.69	20.99	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.90	20.20	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.52	22.82	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.58	22.88	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	24.63	22.93	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.74	22.04	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	23.71	22.01	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	23.70	22.00	30.00	PASS



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Band4	3MHz	QPSK	19965	15RB#0	23.68	21.98	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.55	22.85	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.61	22.91	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.65	22.95	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	23.72	22.02	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	23.71	22.01	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	23.77	22.07	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.65	21.95	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.56	22.86	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.59	22.89	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.61	22.91	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	23.65	21.95	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	23.65	21.95	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	23.74	22.04	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.66	21.96	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.74	22.04	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	24.12	22.42	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.56	21.86	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.62	20.92	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.81	21.11	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	22.69	20.99	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.79	21.09	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	24.13	22.43	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	24.20	22.50	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	24.11	22.41	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	22.80	21.10	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	22.77	21.07	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	22.84	21.14	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.71	21.01	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.83	22.13	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.85	22.15	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.91	22.21	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	22.70	21.00	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	22.79	21.09	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	22.85	21.15	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.58	20.88	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.61	20.91	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.67	20.97	30.00	PASS



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Band4	3MHz	64QAM	19965	1RB#14	22.56	20.86	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.72	20.02	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.88	20.18	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.92	20.22	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.85	20.15	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.68	20.98	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.64	20.94	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.70	21.00	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.73	20.03	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.80	20.10	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.77	20.07	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.73	20.03	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.73	21.03	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.60	20.90	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.66	20.96	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.89	20.19	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.82	20.12	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.69	19.99	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.83	20.13	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.49	22.79	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.75	23.05	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.63	22.93	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.74	22.04	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.77	22.07	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.77	22.07	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.73	22.03	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.75	23.05	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.63	22.93	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	24.79	23.09	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	23.67	21.97	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	23.74	22.04	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.79	22.09	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.69	21.99	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.48	22.78	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.68	22.98	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.58	22.88	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.62	21.92	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.71	22.01	30.00	PASS



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Band4	5MHz	QPSK	20375	12RB#13	23.70	22.00	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.68	21.98	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.72	22.02	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	24.23	22.53	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.85	22.15	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.67	20.97	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.80	21.10	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.75	21.05	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.69	20.99	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.86	22.16	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	24.00	22.30	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.91	22.21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.71	21.01	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.75	21.05	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.82	21.12	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.78	21.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	24.19	22.49	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.70	22.00	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.96	22.26	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.66	20.96	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.81	21.11	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.78	21.08	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.78	21.08	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.61	20.91	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.60	20.90	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.70	21.00	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.86	20.16	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.83	20.13	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.86	20.16	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.85	20.15	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.58	20.88	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.62	20.92	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.69	20.99	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.75	20.05	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.72	20.02	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.93	20.23	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.67	19.97	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.65	20.95	30.00	PASS



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Band4	5MHz	64QAM	20375	1RB#12	22.63	20.93	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.62	20.92	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.71	20.01	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.86	20.16	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.87	20.17	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.74	20.04	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.40	22.70	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.69	22.99	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.72	23.02	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.63	21.93	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.79	22.09	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.75	22.05	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.78	22.08	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.65	22.95	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.66	22.96	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.55	22.85	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	23.73	22.03	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.74	22.04	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.72	22.02	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.71	22.01	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.75	23.05	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.61	22.91	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.63	22.93	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.65	21.95	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.72	22.02	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.76	22.06	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.78	22.08	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.80	22.10	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	24.19	22.49	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	24.27	22.57	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.76	21.06	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.71	21.01	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.78	21.08	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.75	21.05	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.80	22.10	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	24.12	22.42	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	24.25	22.55	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.73	21.03	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#12	22.70	21.00	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.84	21.14	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.72	21.02	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	24.36	22.66	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	24.30	22.60	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.92	22.22	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.69	20.99	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.66	20.96	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.86	21.16	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.67	20.97	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.66	20.96	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.65	20.95	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.70	21.00	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.66	19.96	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.70	20.00	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.78	20.08	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.66	19.96	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.73	21.03	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.56	20.86	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.68	20.98	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.91	20.21	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.70	20.00	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.88	20.18	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.90	20.20	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.73	21.03	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.63	20.93	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.70	21.00	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.81	20.11	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.71	20.01	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.89	20.19	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.90	20.20	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.67	22.97	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.53	22.83	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.63	22.93	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	23.70	22.00	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	23.73	22.03	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	23.63	21.93	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.76	22.06	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#0	24.67	22.97	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.60	22.90	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.59	22.89	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	23.74	22.04	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	23.74	22.04	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.73	22.03	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.67	21.97	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.74	23.04	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.61	22.91	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.59	22.89	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.75	22.05	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	23.82	22.12	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	23.66	21.96	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.79	22.09	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	24.10	22.40	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.80	22.10	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.78	22.08	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.72	21.02	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.79	21.09	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.64	20.94	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.85	21.15	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	24.05	22.35	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.79	22.09	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.90	22.20	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.81	21.11	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.68	20.98	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.76	21.06	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.70	21.00	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	24.06	22.36	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.91	22.21	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.71	22.01	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	22.76	21.06	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.70	21.00	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.70	21.00	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.85	21.15	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.56	20.86	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.61	20.91	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.64	20.94	30.00	PASS



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Band4	15MHz	64QAM	20025	38RB#0	21.88	20.18	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.87	20.17	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.73	20.03	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.71	20.01	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.64	20.94	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.68	20.98	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.60	20.90	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.93	20.23	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.70	20.00	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.78	20.08	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.93	20.23	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.61	20.91	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.57	20.87	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.60	20.90	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.70	20.00	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.91	20.21	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.67	19.97	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.89	20.19	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.66	22.96	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.55	22.85	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.58	22.88	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.69	21.99	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.78	22.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.70	22.00	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.74	22.04	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.62	22.92	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.56	22.86	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.61	22.91	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.81	22.11	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.85	22.15	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.68	21.98	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.68	21.98	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.69	22.99	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.62	22.92	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.57	22.87	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.67	21.97	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.59	21.89	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.65	21.95	30.00	PASS



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Band4	20MHz	QPSK	20300	100RB#0	23.78	22.08	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	24.23	22.53	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.91	22.21	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	24.21	22.51	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.86	21.16	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.79	21.09	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.64	20.94	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.80	21.10	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	24.47	22.77	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.75	22.05	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	24.05	22.35	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.86	21.16	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.68	20.98	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.81	21.11	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.81	21.11	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	24.12	22.42	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.86	22.16	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.81	22.11	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.86	21.16	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.79	21.09	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.68	20.98	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.71	21.01	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.66	20.96	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.67	20.97	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.71	21.01	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.74	20.04	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.73	20.03	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.74	20.04	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.72	20.02	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.71	21.01	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.61	20.91	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.57	20.87	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.75	20.05	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.83	20.13	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.82	20.12	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.74	20.04	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.60	20.90	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.64	20.94	30.00	PASS



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Band4	20MHz	64QAM	20300	1RB#99	22.69	20.99	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.84	20.14	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.71	20.01	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.83	20.13	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.70	20.00	30.00	PASS



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ANT5:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.38	20.78	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.42	20.82	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.42	20.82	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.34	20.74	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.39	20.79	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.37	20.77	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.50	19.90	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.38	20.78	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.55	20.95	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.43	20.83	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.44	20.84	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.48	20.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.42	20.82	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.42	19.82	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.36	20.76	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.42	20.82	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.35	20.75	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.40	20.80	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.44	20.84	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.47	20.87	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.42	19.82	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.69	20.09	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.34	19.74	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.63	20.03	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.43	19.83	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.50	19.90	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.36	19.76	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.53	18.93	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.61	20.01	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.24	19.64	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.60	20.00	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.59	19.99	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.54	19.94	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.60	20.00	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.56	18.96	30.00	PASS



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Band4	1.4MHz	16QAM	20393	1RB#0	21.47	19.87	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.74	20.14	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.43	19.83	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.63	20.03	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.44	19.84	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.51	19.91	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.50	18.90	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.34	18.74	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.36	18.76	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.35	18.75	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.49	18.89	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.42	18.82	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.33	18.73	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.44	17.84	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.47	18.87	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.35	18.75	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.42	18.82	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.44	18.84	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.39	18.79	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.31	18.71	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.43	17.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.40	18.80	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.35	18.75	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.43	18.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.40	18.80	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.37	18.77	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.39	18.79	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.33	17.73	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.45	20.85	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.50	20.90	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.47	20.87	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.51	19.91	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.60	20.00	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.52	19.92	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.50	19.90	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.50	20.90	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.70	21.10	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.58	20.98	30.00	PASS



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Band4	3MHz	QPSK	20175	8RB#0	21.47	19.87	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.49	19.89	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.57	19.97	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.53	19.93	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.38	20.78	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.58	20.98	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.47	20.87	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.45	19.85	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.53	19.93	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.55	19.95	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.51	19.91	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.45	19.85	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.27	19.67	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.60	20.00	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.62	19.02	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.60	19.00	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.60	19.00	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.60	19.00	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.56	19.96	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.59	19.99	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.60	20.00	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.54	18.94	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.63	19.03	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.59	18.99	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.51	18.91	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.17	19.57	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.58	19.98	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.23	19.63	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.60	19.00	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.71	19.11	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.57	18.97	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.52	18.92	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.39	18.79	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.35	18.75	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.35	18.75	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.39	17.79	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.40	17.80	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.58	17.98	30.00	PASS



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Band4	3MHz	64QAM	19965	15RB#0	19.53	17.93	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.33	18.73	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.33	18.73	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.50	18.90	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	19.39	17.79	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.38	17.78	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.60	18.00	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.44	17.84	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.32	18.72	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.42	18.82	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.40	18.80	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.32	17.72	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.50	17.90	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.40	17.80	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.60	18.00	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.41	20.81	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.57	20.97	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.53	20.93	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.60	20.00	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.64	20.04	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.62	20.02	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.57	19.97	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.51	20.91	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.59	20.99	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.46	20.86	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.53	19.93	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.58	19.98	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.66	20.06	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.53	19.93	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.40	20.80	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.48	20.88	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.56	20.96	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.53	19.93	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.65	20.05	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.58	19.98	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.61	20.01	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.46	19.86	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.29	19.69	30.00	PASS



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Band4	5MHz	16QAM	19975	1RB#24	21.60	20.00	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.64	19.04	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.68	19.08	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.63	19.03	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.57	18.97	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.33	19.73	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.69	20.09	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.36	19.76	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.53	18.93	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.59	18.99	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.71	19.11	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.49	18.89	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.32	19.72	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.65	20.05	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.55	19.95	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.54	18.94	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.63	19.03	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.59	18.99	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.64	19.04	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.43	18.83	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.31	18.71	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.37	18.77	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.40	17.80	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.47	17.87	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.58	17.98	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.34	17.74	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.35	18.75	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.43	18.83	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.46	18.86	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	19.31	17.71	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.40	17.80	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.43	17.83	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.49	17.89	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.34	18.74	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.50	18.90	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.49	18.89	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.50	17.90	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.59	17.99	30.00	PASS



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Band4	5MHz	64QAM	20375	12RB#13	19.42	17.82	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.42	17.82	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.29	20.69	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.39	20.79	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.40	20.80	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.51	19.91	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.54	19.94	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.58	19.98	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.59	19.99	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.42	20.82	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.35	20.75	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.38	20.78	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.47	19.87	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.61	20.01	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.62	20.02	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.62	20.02	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.56	20.96	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.42	20.82	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.40	20.80	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.47	19.87	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.47	19.87	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.57	19.97	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.48	19.88	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.92	19.32	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.50	19.90	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.36	19.76	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.51	18.91	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.71	19.11	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.52	18.92	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.55	18.95	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.44	19.84	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.25	19.65	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.28	19.68	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.55	18.95	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.56	18.96	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.72	19.12	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.58	18.98	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.35	19.75	30.00	PASS



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Band4	10MHz	16QAM	20350	1RB#24	21.01	19.41	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.63	20.03	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.66	19.06	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.60	19.00	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.74	19.14	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.53	18.93	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.44	18.84	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.49	18.89	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.41	18.81	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.32	17.72	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.52	17.92	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.60	18.00	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.45	17.85	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.37	18.77	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.49	18.89	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.44	18.84	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.54	17.94	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.55	17.95	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.36	17.76	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.44	17.84	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.34	18.74	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.40	18.80	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.50	18.90	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.32	17.72	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.42	17.82	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.45	17.85	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.44	17.84	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.33	20.73	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.31	20.71	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.27	20.67	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.63	20.03	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.55	19.95	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.49	19.89	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.61	20.01	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.58	20.98	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.38	20.78	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.41	20.81	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.59	19.99	30.00	PASS



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Band4	15MHz	QPSK	20175	38RB#18	21.54	19.94	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.58	19.98	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.53	19.93	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.59	20.99	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.36	20.76	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.40	20.80	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.49	19.89	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.57	19.97	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.58	19.98	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.55	19.95	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.08	19.48	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.52	19.92	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.95	19.35	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.56	18.96	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.62	19.02	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.56	18.96	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.61	19.01	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.74	20.14	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.10	19.50	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.57	19.97	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.66	19.06	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.50	18.90	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.60	19.00	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.61	19.01	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.65	20.05	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.31	19.71	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.31	19.71	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.67	19.07	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.62	19.02	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.51	18.91	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.55	18.95	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.34	18.74	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.38	18.78	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.45	18.85	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	19.34	17.74	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	19.54	17.94	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	19.59	17.99	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.41	17.81	30.00	PASS



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Band4	15MHz	64QAM	20175	1RB#0	20.44	18.84	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.48	18.88	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.41	18.81	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	19.59	17.99	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	19.38	17.78	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	19.59	17.99	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.34	17.74	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.50	18.90	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.48	18.88	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.31	18.71	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	19.32	17.72	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	19.46	17.86	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	19.44	17.84	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.54	17.94	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.47	20.87	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.29	20.69	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.26	20.66	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.59	19.99	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.62	20.02	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.52	19.92	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.64	20.04	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.53	20.93	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.12	20.52	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.31	20.71	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.58	19.98	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.55	19.95	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.57	19.97	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.52	19.92	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.44	20.84	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.22	20.62	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.54	20.94	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.65	20.05	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.63	20.03	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.61	20.01	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.59	19.99	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.85	19.25	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.93	19.33	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.04	19.44	30.00	PASS



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Band4	20MHz	16QAM	20050	50RB#0	20.71	19.11	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.61	19.01	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.59	18.99	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.58	18.98	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.33	19.73	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.37	19.77	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.95	19.35	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.72	19.12	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.57	18.97	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.54	18.94	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.50	18.90	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.69	20.09	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.02	19.42	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.16	19.56	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.54	18.94	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.67	19.07	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.53	18.93	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.59	18.99	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.35	18.75	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.49	18.89	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.34	18.74	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.53	17.93	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.60	18.00	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.44	17.84	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.35	17.75	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.43	18.83	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.35	18.75	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.41	18.81	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.37	17.77	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.35	17.75	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.50	17.90	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.49	17.89	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.47	18.87	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.45	18.85	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.35	18.75	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.42	17.82	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.46	17.86	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.33	17.73	30.00	PASS



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Band4	20MHz	64QAM	20300	100RB#0	19.56	17.96	30.00	PASS
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Remark:

1. For Ant1& Ant2 & Ant3 & Ant5, the whole testing has assessed Ant2 & Ant5 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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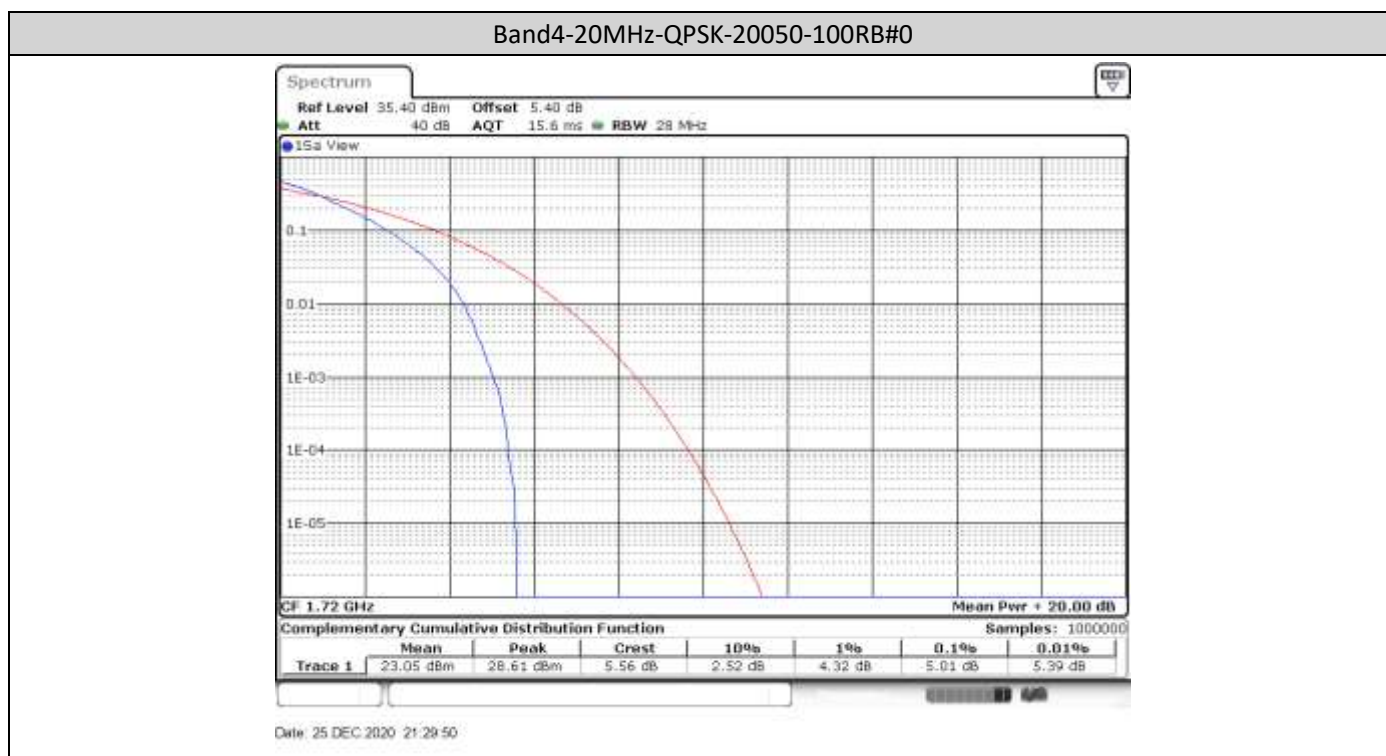


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.01	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.13	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.16	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.41	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.52	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.55	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.97	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.94	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: 25 DEC 2020 21:30:12

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



Date: 25 DEC 2020 21:30:35



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



Date: 28 DEC 2020 08:43:06

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



Date: 28 DEC 2020 08:43:18



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



Date: 28 DEC 2020 08:43:30

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



Date: 25 DEC 2020 21:30:01



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



Date: 25 DEC 2020 21:30:24

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



Date: 25 DEC 2020 21:30:46



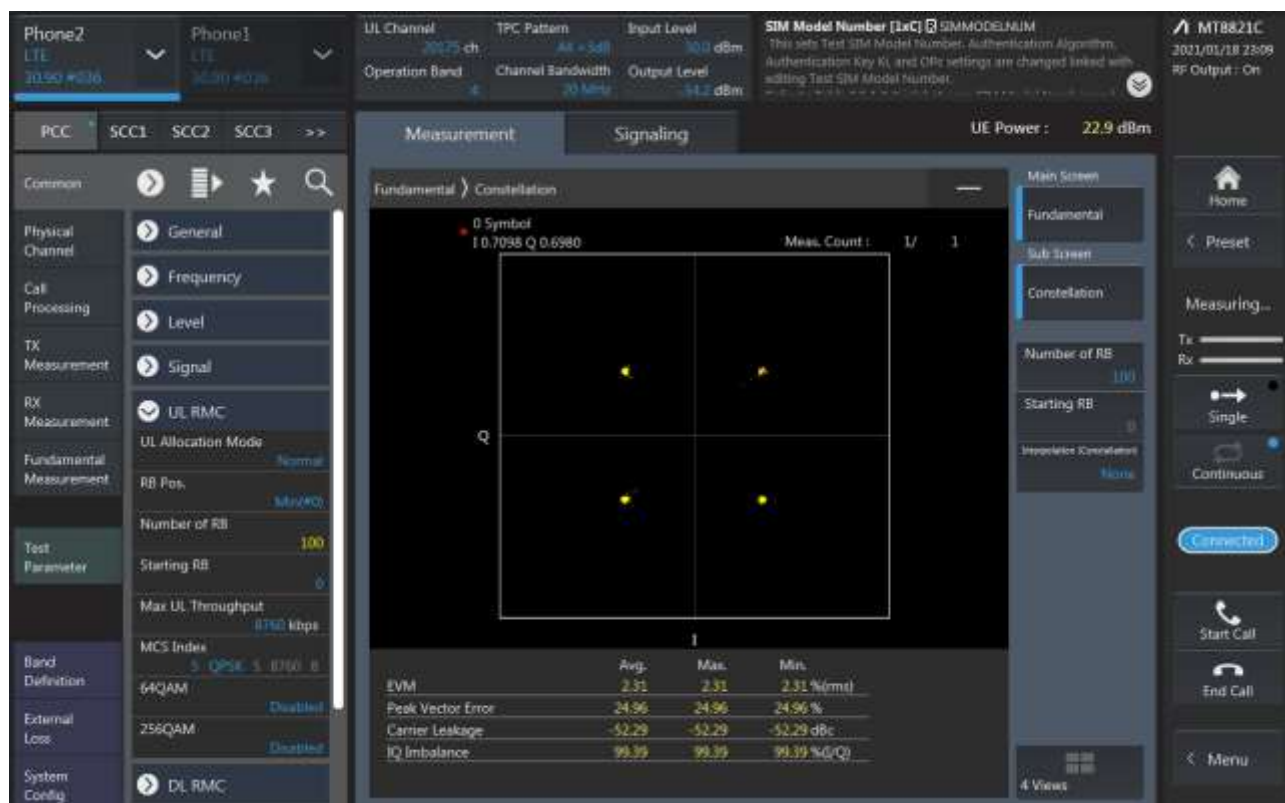
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

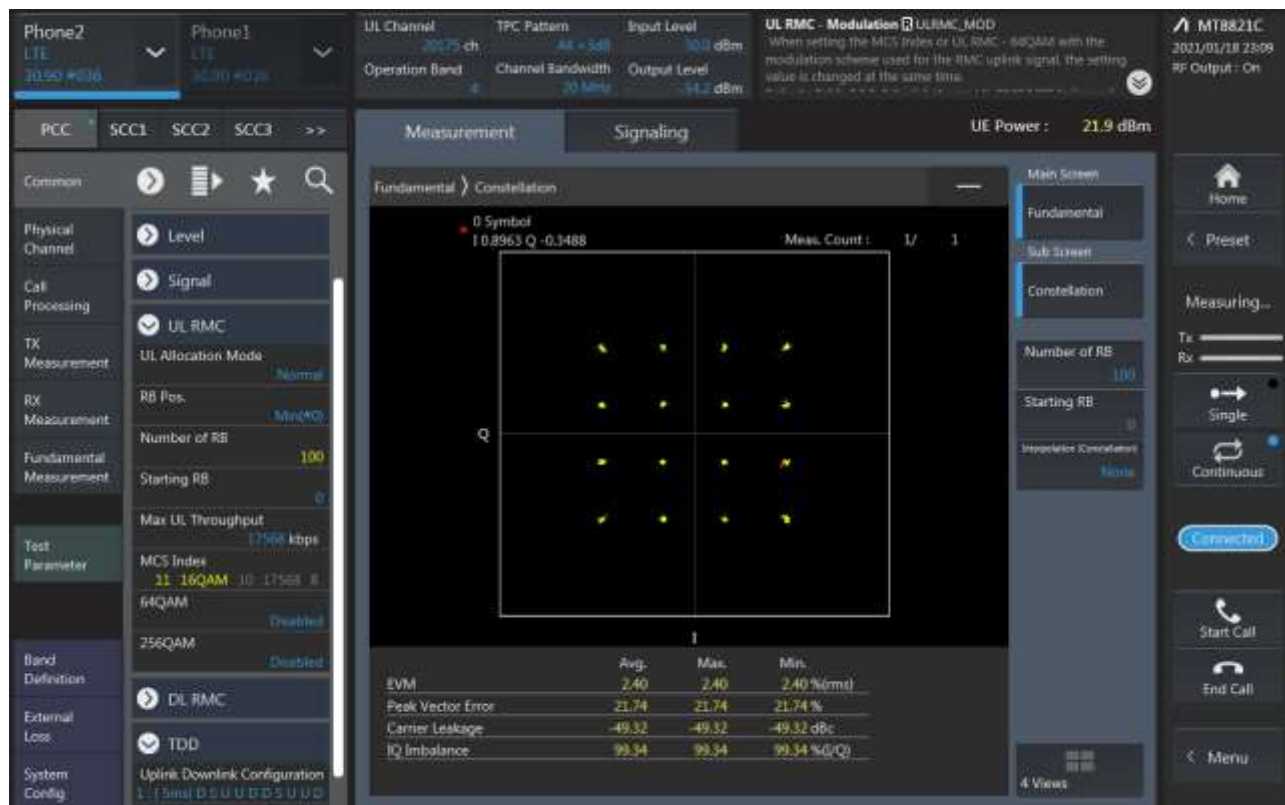


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



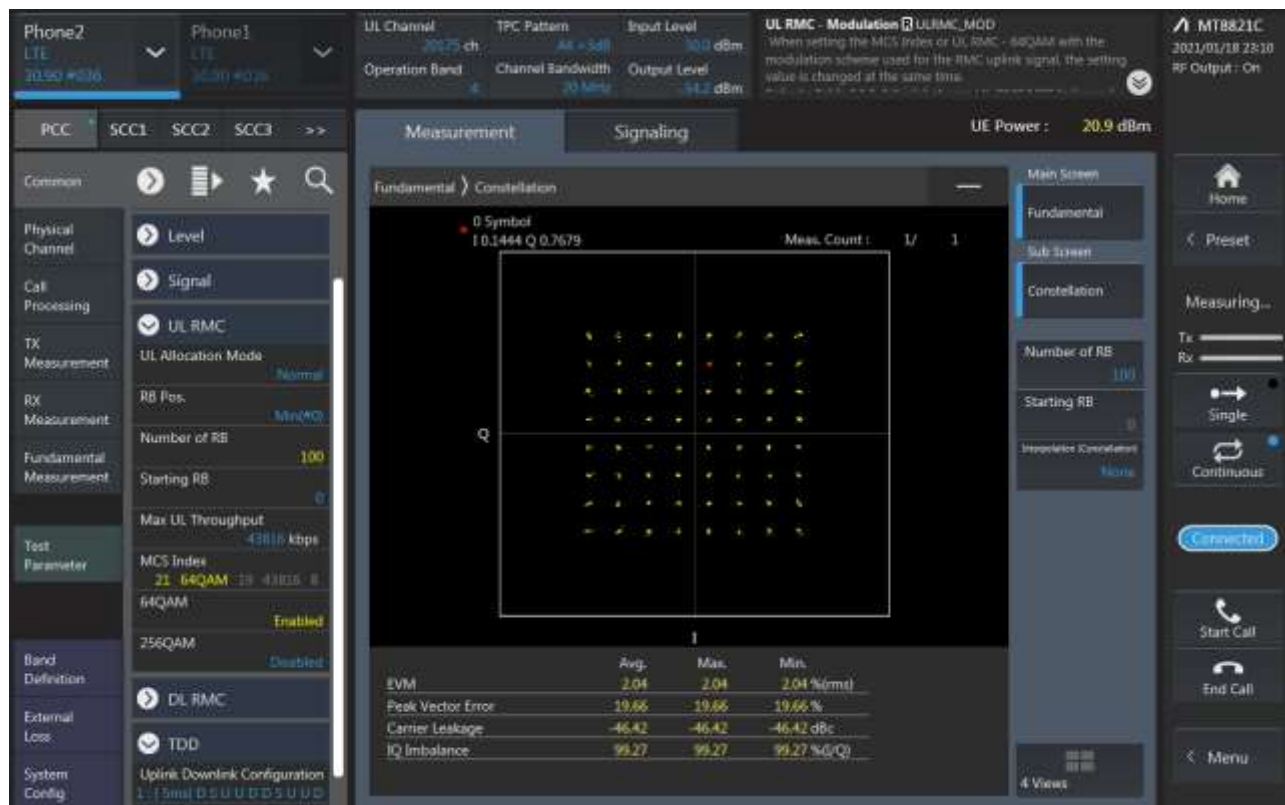
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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.242	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.227	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.239	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.097	1.242	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.088	1.236	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.245	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.236	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.079	1.233	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.085	1.236	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.703	3.006	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	3.024	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	2.988	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.685	3.000	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.994	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.994	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.982	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.988	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.982	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.900	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.890	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.466	4.910	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.890	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.900	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.880	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.940	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.476	4.930	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.640	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.640	PASS



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Band4	10MHz	64QAM	20175	50RB#0	8.911	9.600	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.911	9.620	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.951	9.720	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.720	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.700	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.880	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.427	14.760	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	14.820	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.487	14.790	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.427	14.850	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.790	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.760	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.610	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.560	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	19.520	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.902	19.480	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.822	19.400	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.902	19.520	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.520	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.560	PASS



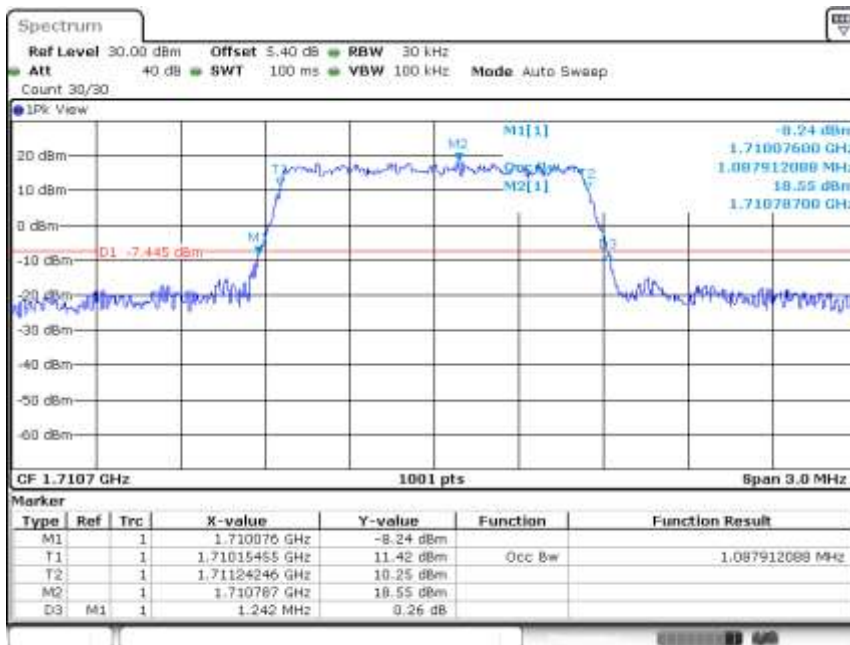
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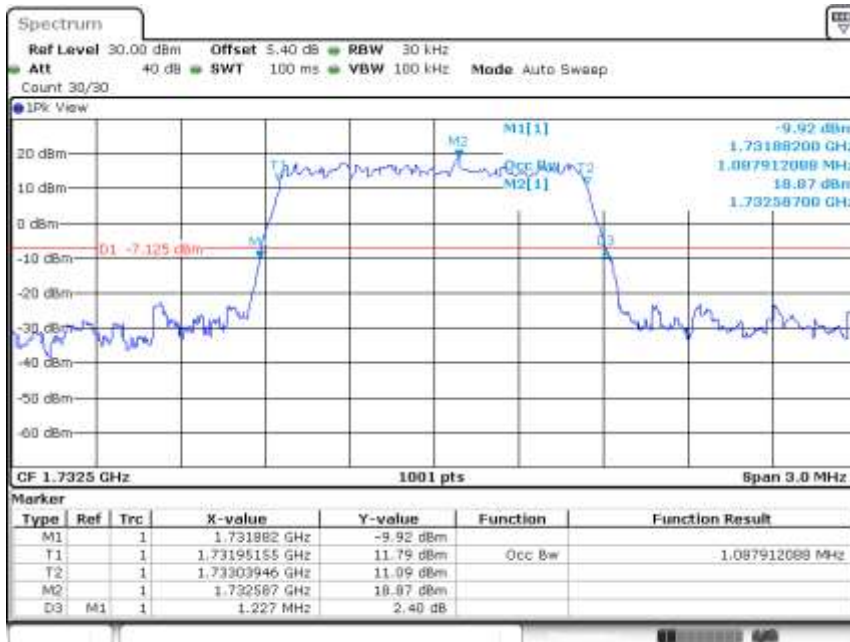
4.2. Test Plots

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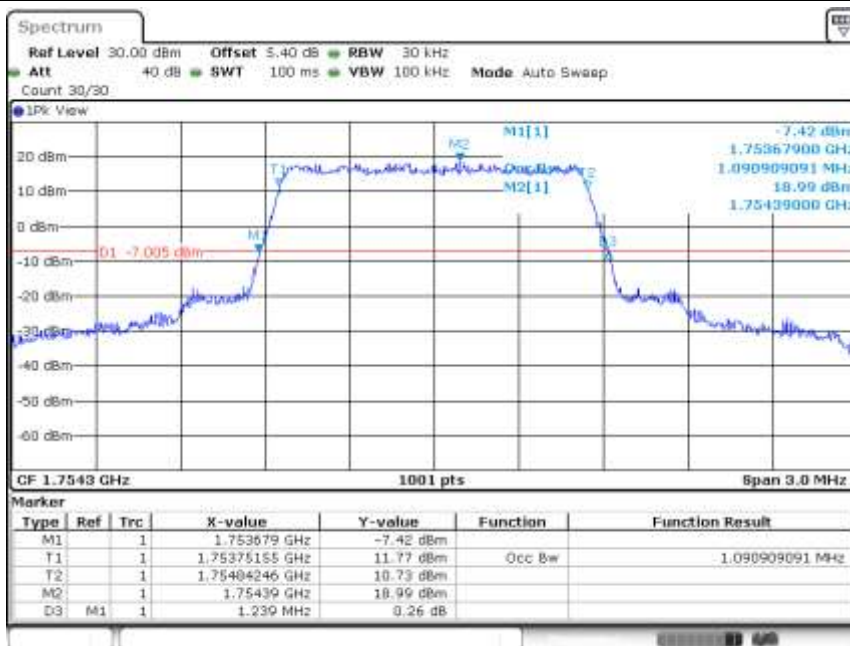
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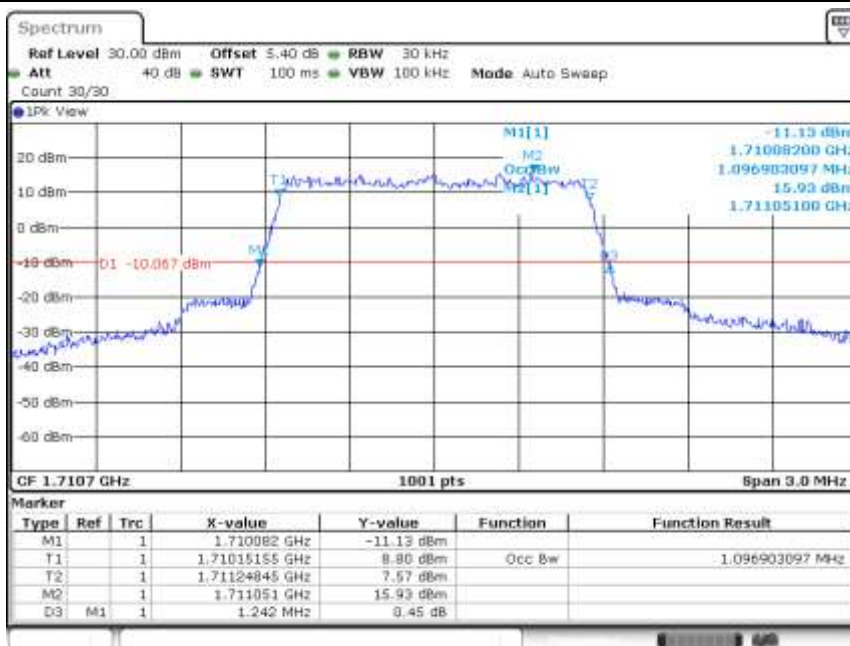


Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 25 DEC 2020 20:59:08

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



Date: 28 DEC 2020 08:28:39

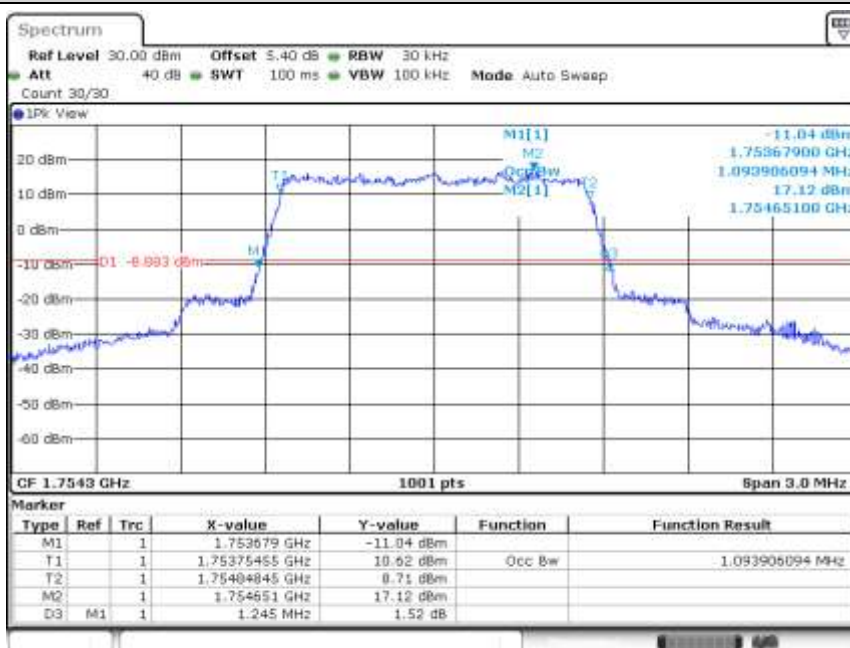


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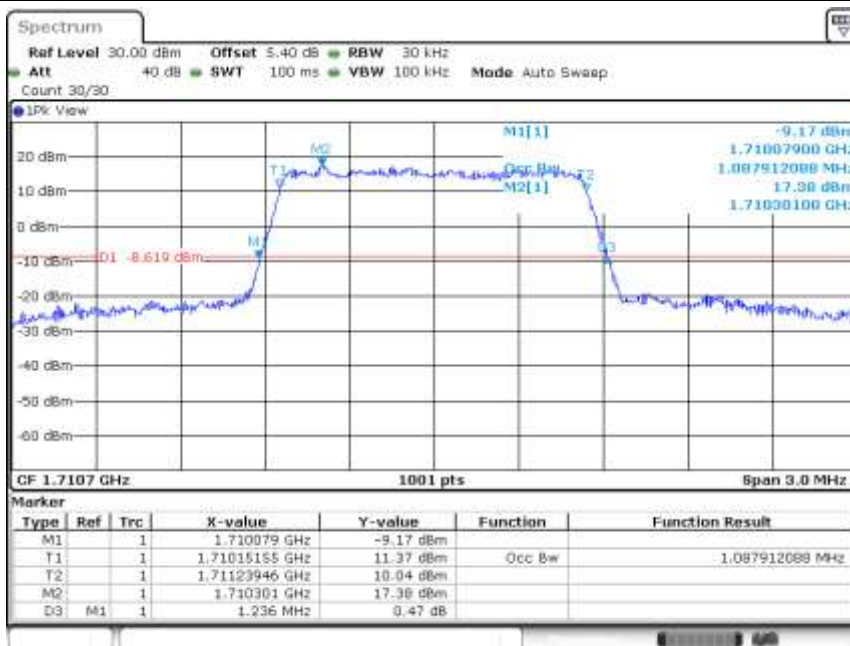
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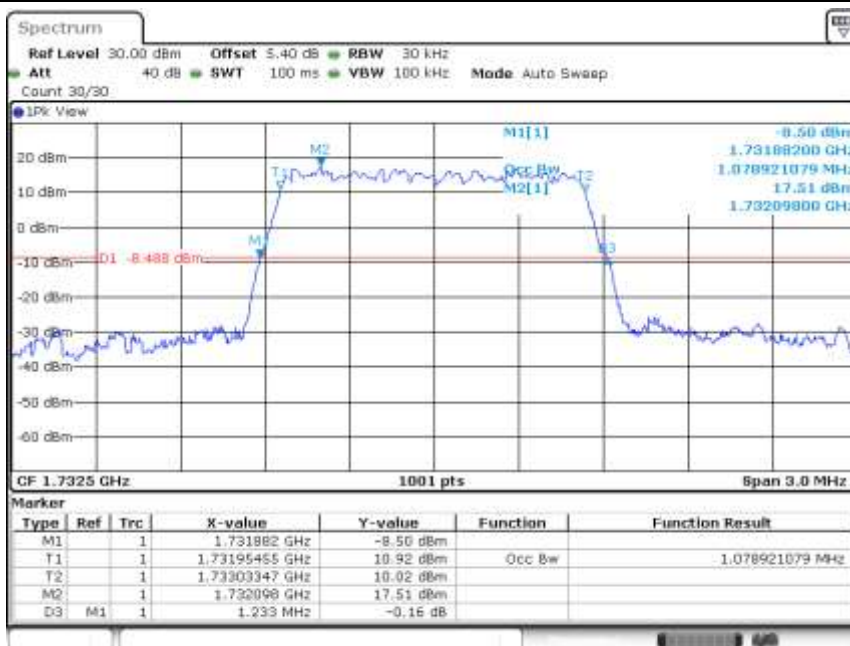


Band4-1.4MHz-16QAM-19957-6RB#0-1.088



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Band4-1.4MHz-16QAM-20175-6RB#0-1.079



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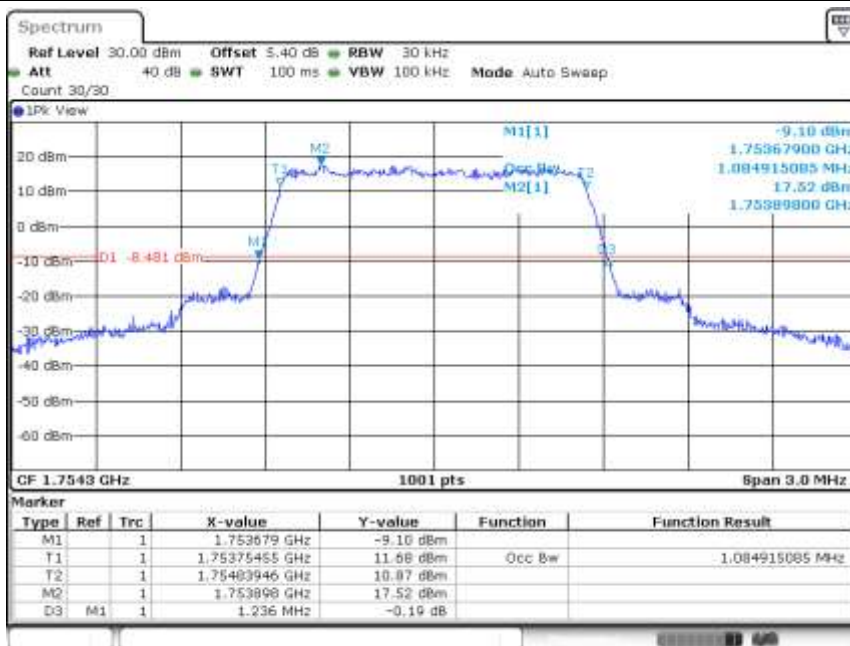


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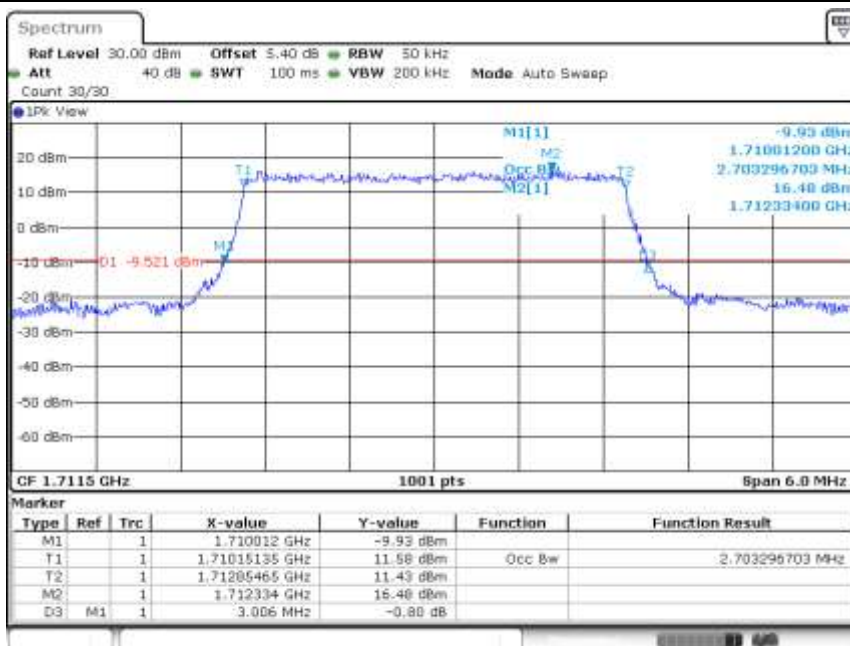
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Band4-1.4MHz-16QAM-20393-6RB#0-1.085



Date: 25 DEC 2020 20:59:26

Band4-3MHz-QPSK-19965-15RB#0-2.703



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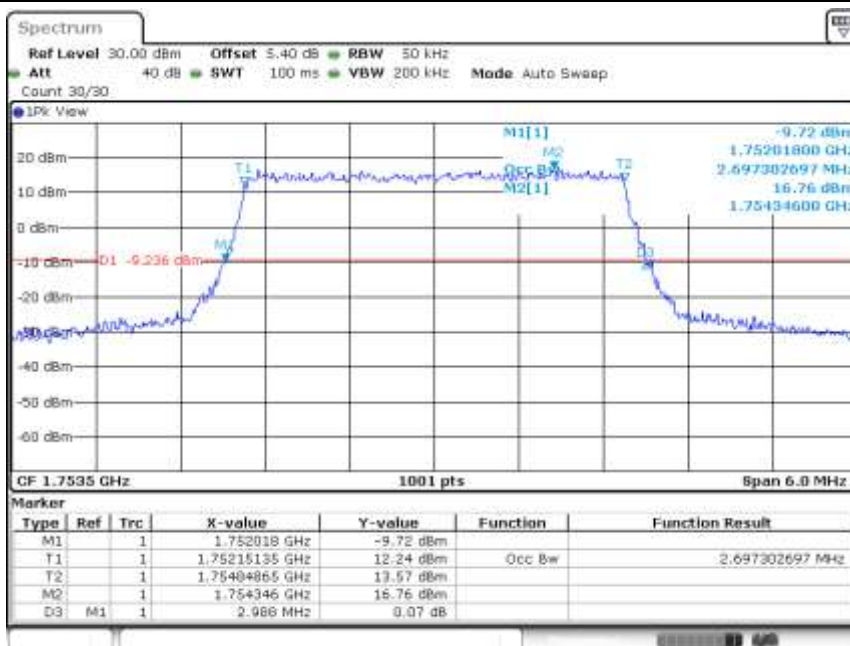


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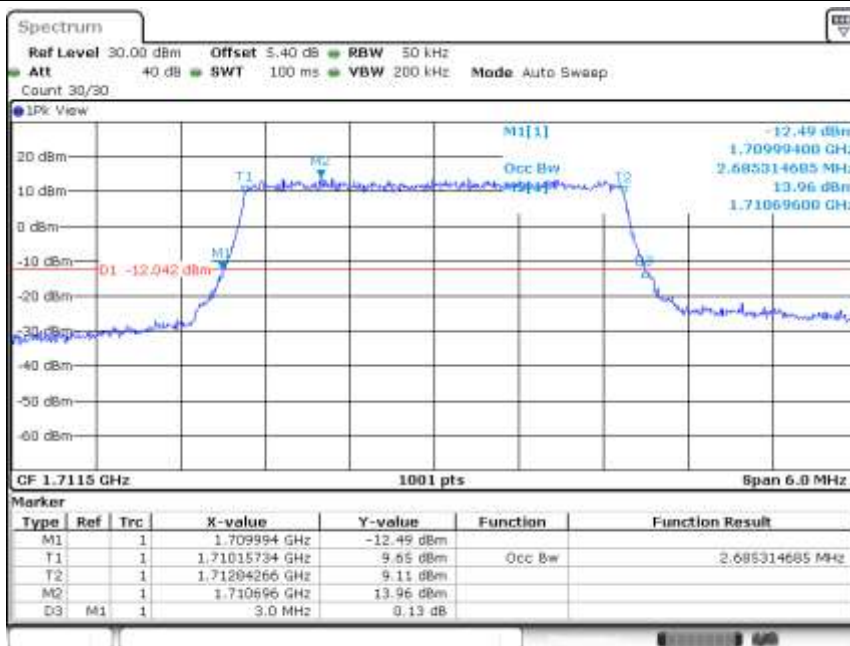
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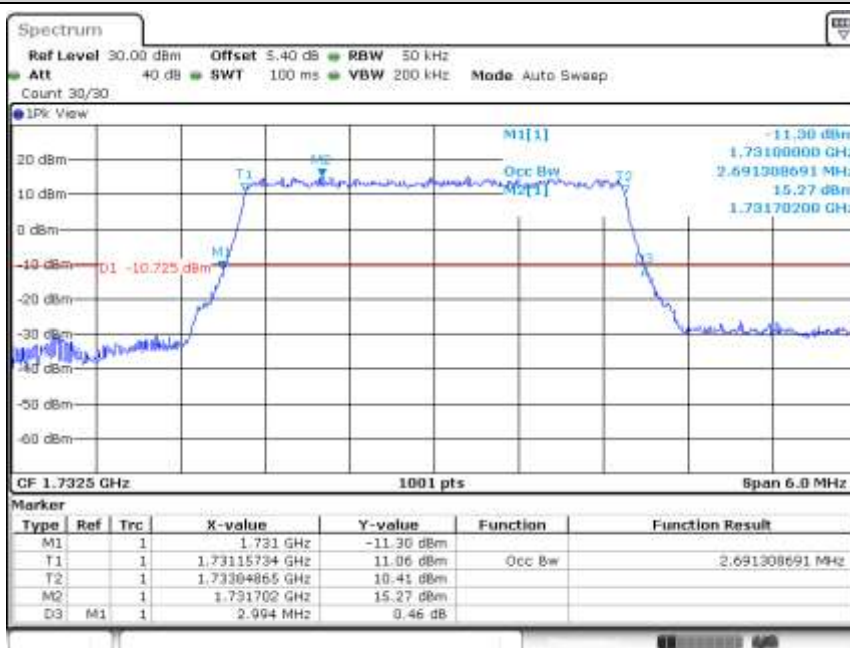


Band4-3MHz-64QAM-19965-15RB#0-2.685



Date: 28 DEC 2020 08:27:23

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



Date: 28 DEC 2020 08:27:36



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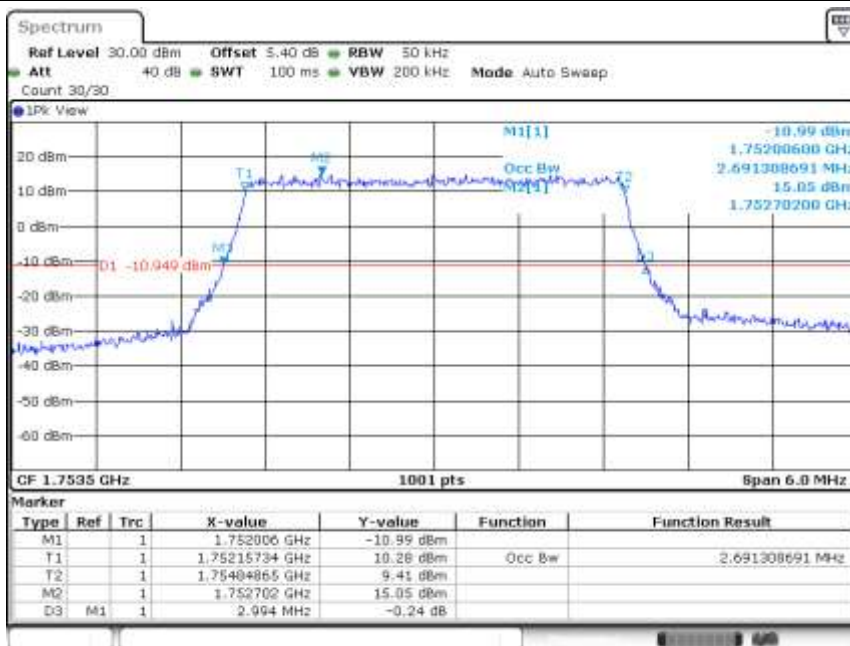
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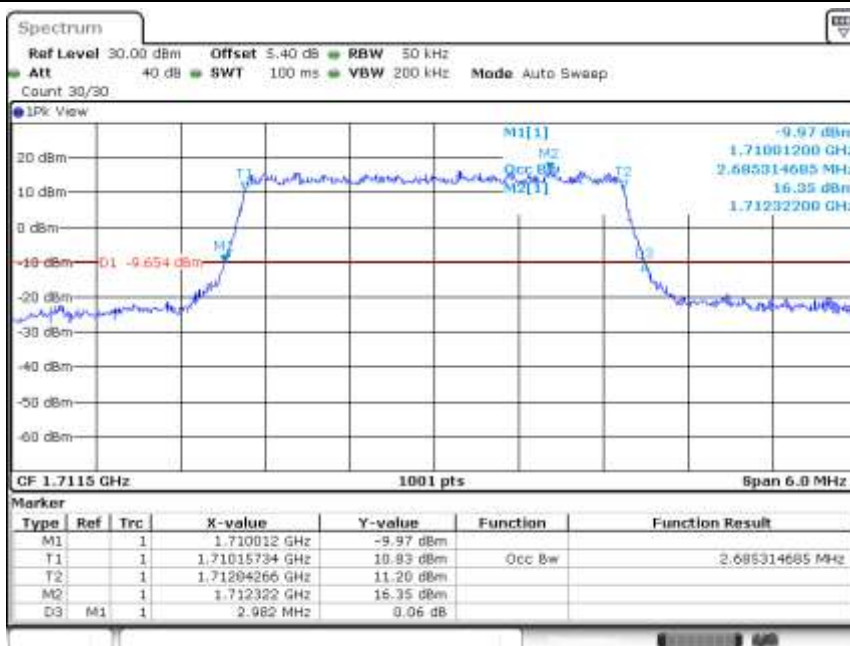
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Band4-3MHz-64QAM-20385-15RB#0-2.691



Date: 28 DEC 2020 08:27:48

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



Date: 25 DEC 2020 20:59:59



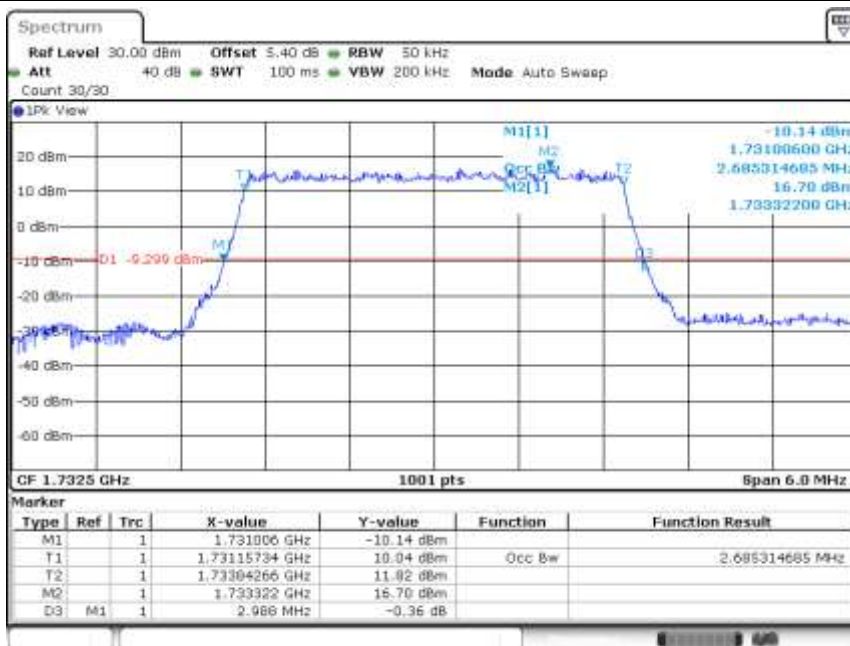
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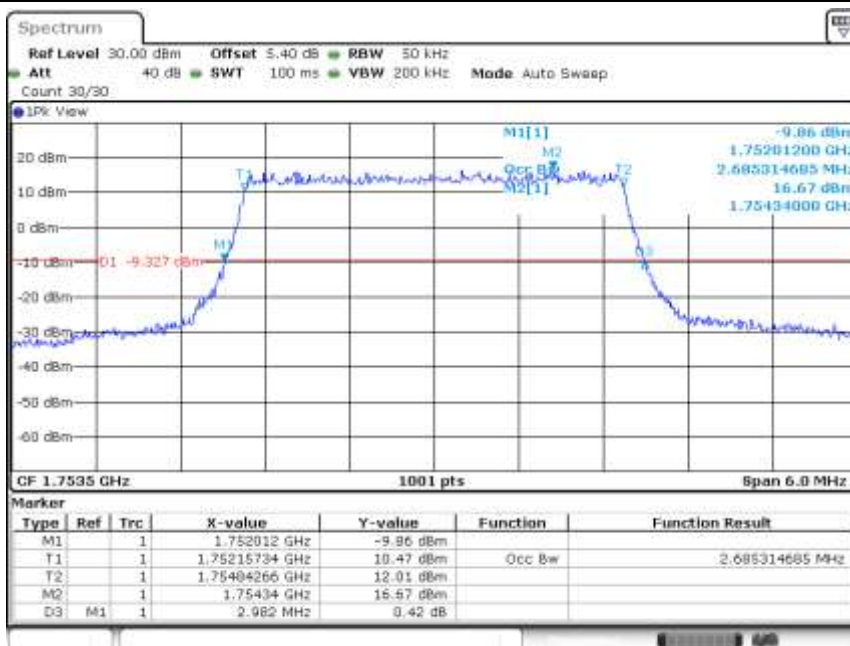
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Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 25 DEC 2020 21:00:27

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



Date: 25 DEC 2020 21:00:54



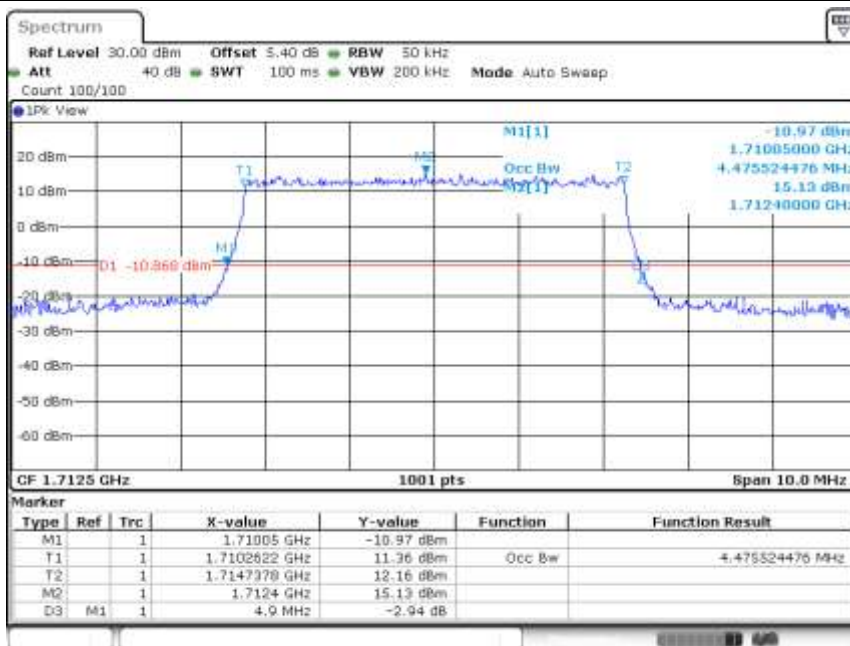
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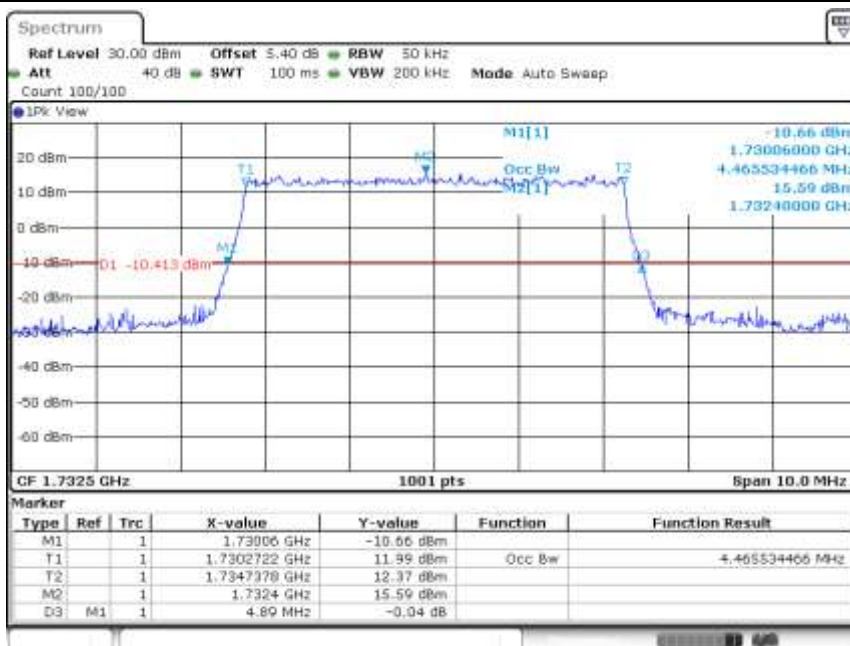
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Band4-5MHz-QPSK-19975-25RB#0-4.476



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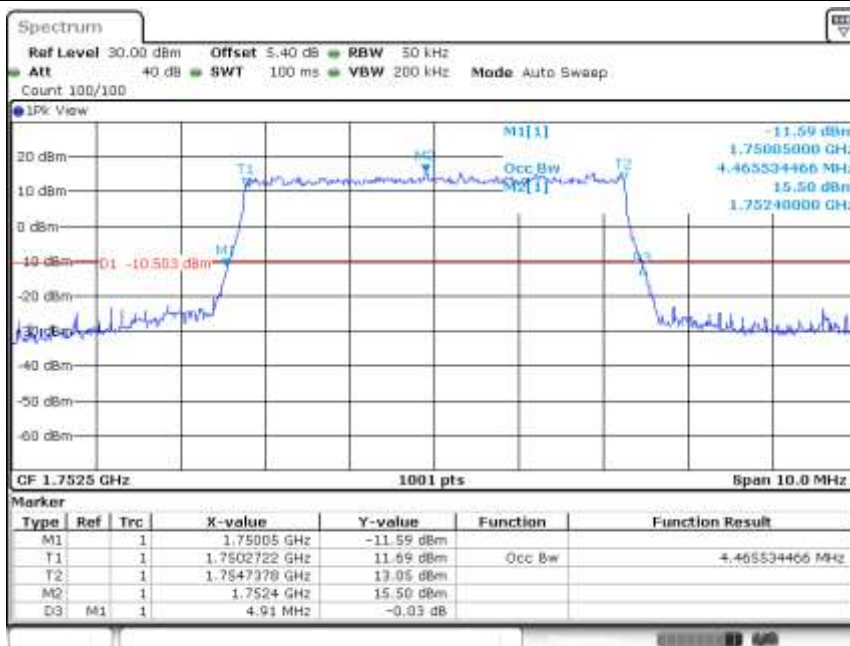
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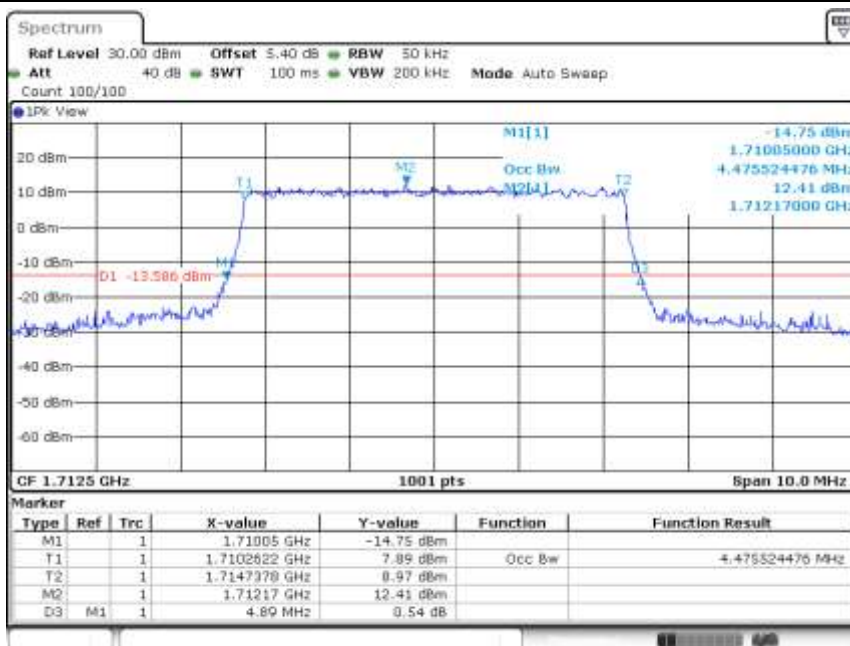


Band4-5MHz-QPSK-20375-25RB#0-4.466



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



Date: 28 DEC 2020 06:28:13



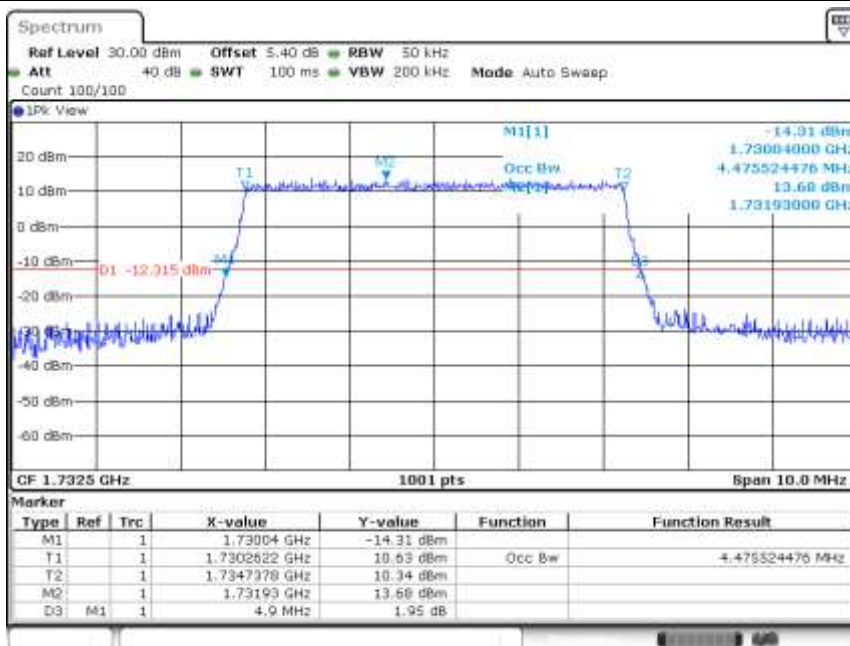
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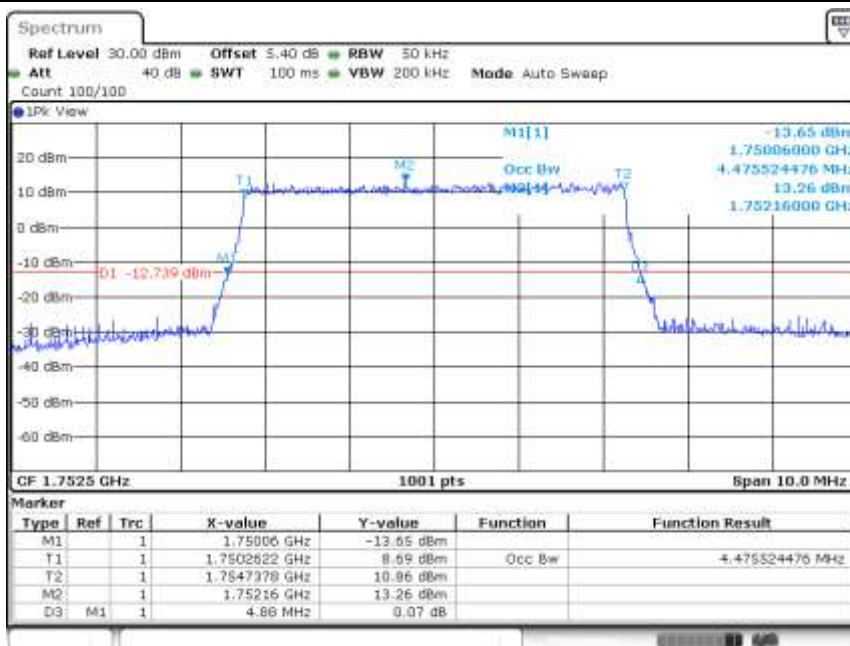
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Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 28 DEC 2020 08:28:33

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



Date: 28 DEC 2020 08:28:53



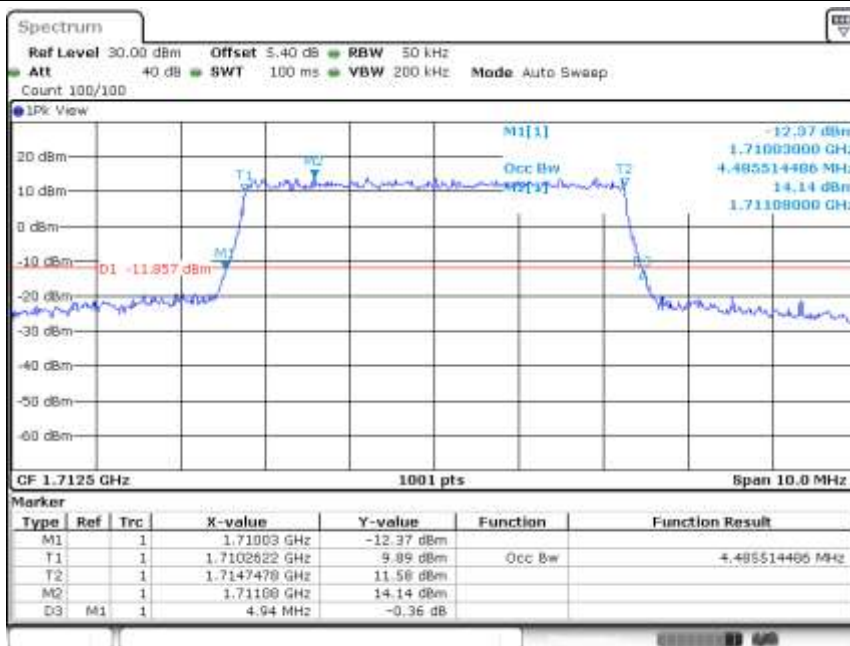
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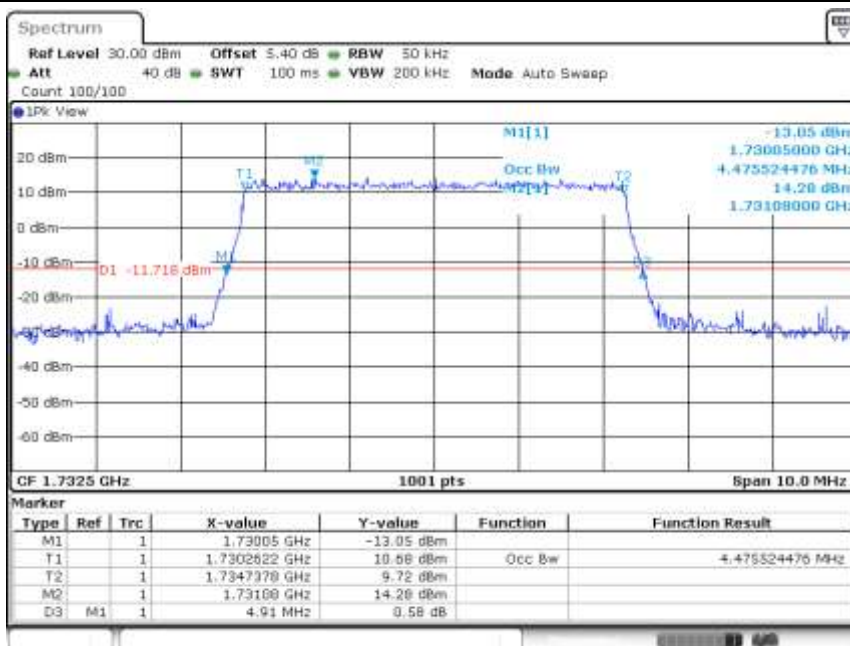
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Band4-5MHz-16QAM-19975-25RB#0-4.486



Date: 25 DEC 2020 21:01:38

Band4-5MHz-16QAM-20175-25RB#0-4.476



Date: 25 DEC 2020 21:02:18

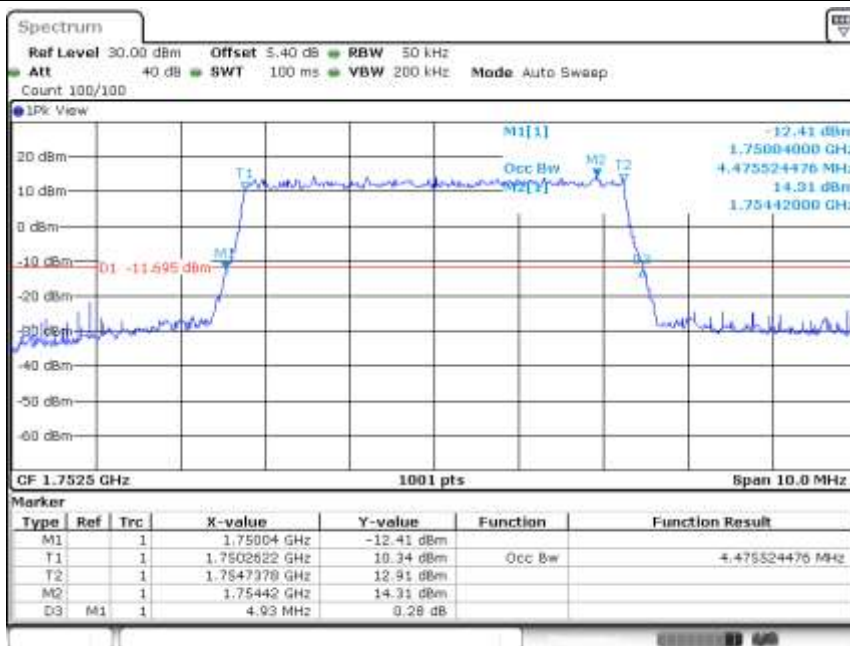


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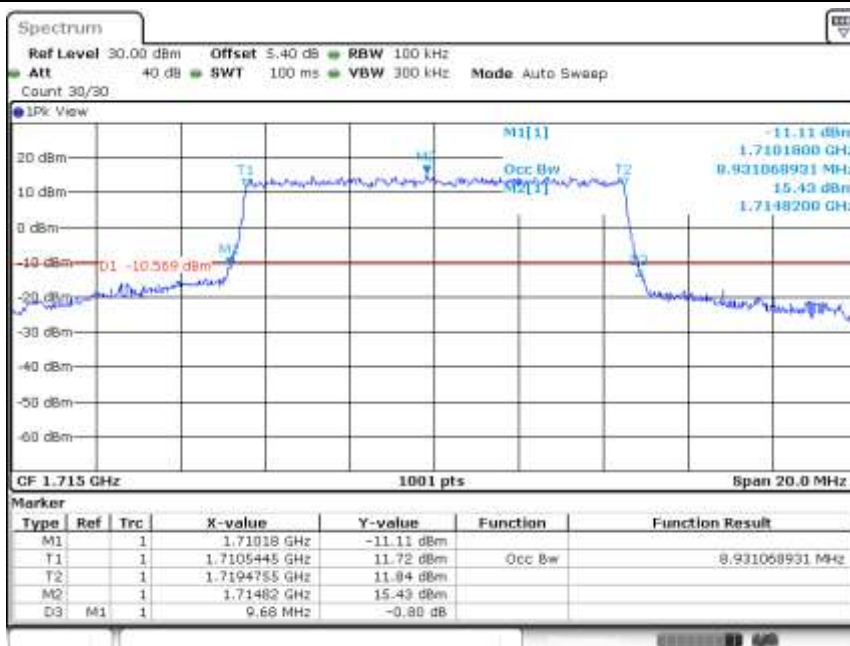
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Band4-5MHz-16QAM-20375-25RB#0-4.476



Date: 25 DEC 2020 21:02:57

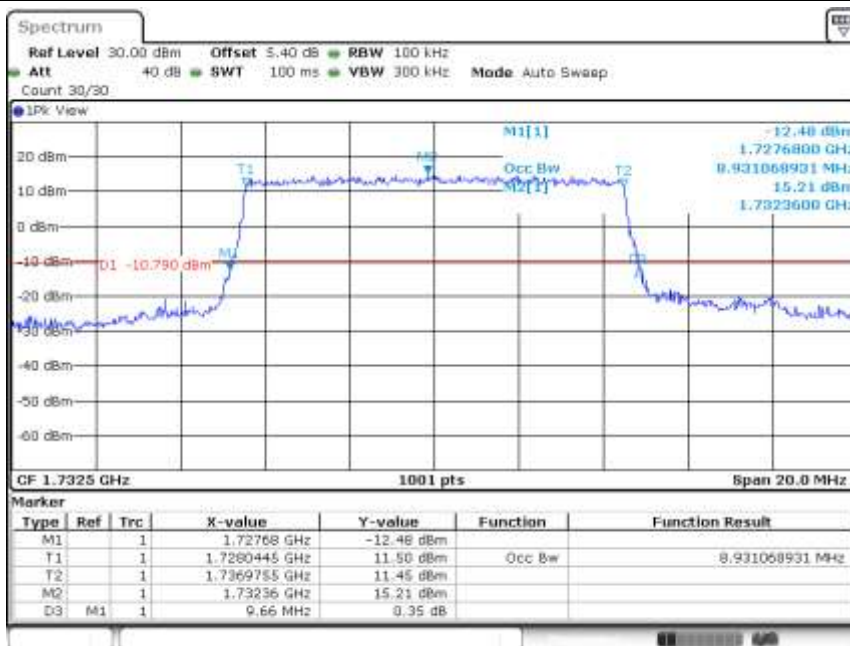
Band4-10MHz-QPSK-20000-50RB#0-8.931



Date: 25 DEC 2020 21:03:14

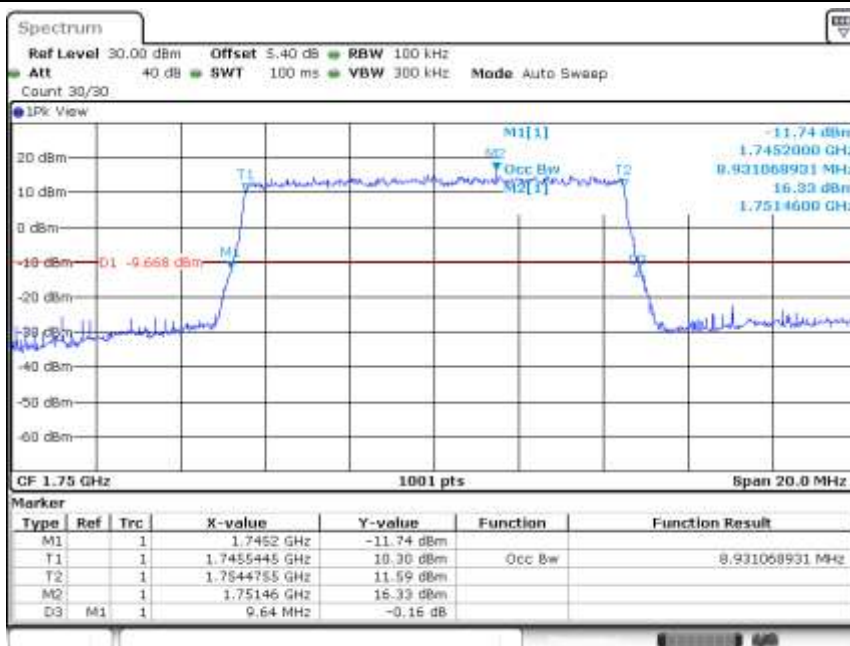


Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 25 DEC 2020 21:03:47

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



Date: 25 DEC 2020 21:04:12



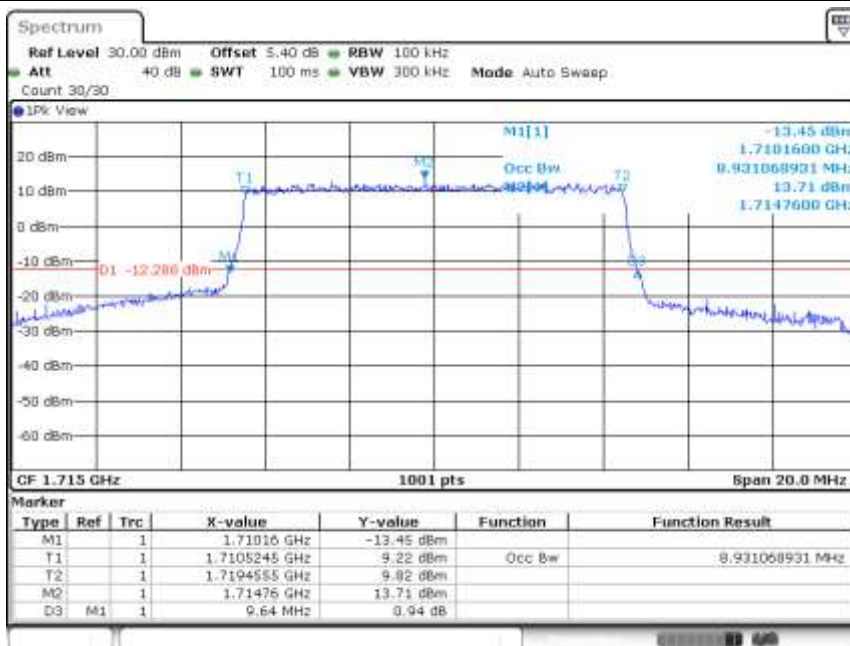
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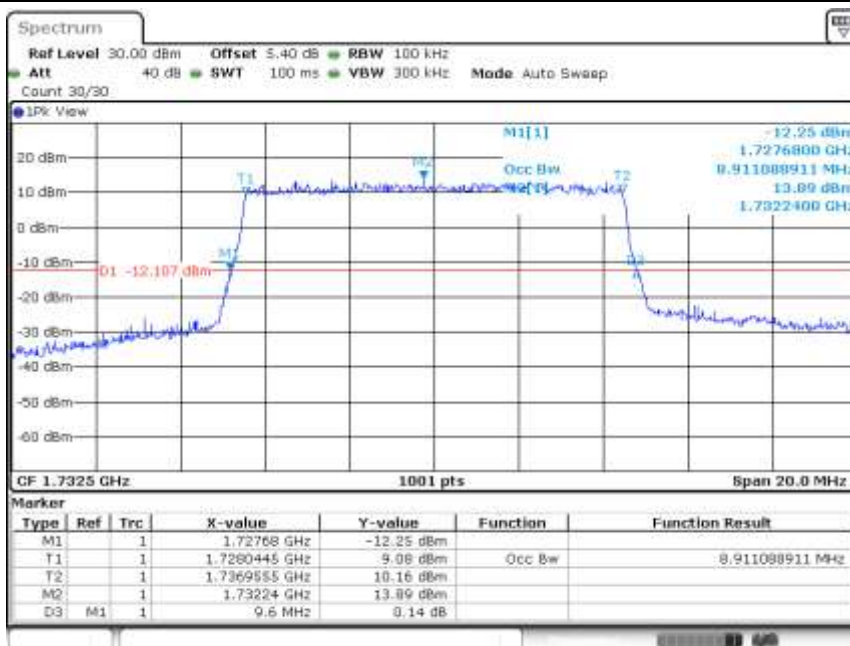
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Band4-10MHz-64QAM-20000-50RB#0-8.931



Date: 28 DEC 2020 08:29:11

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



Date: 28 DEC 2020 08:29:24



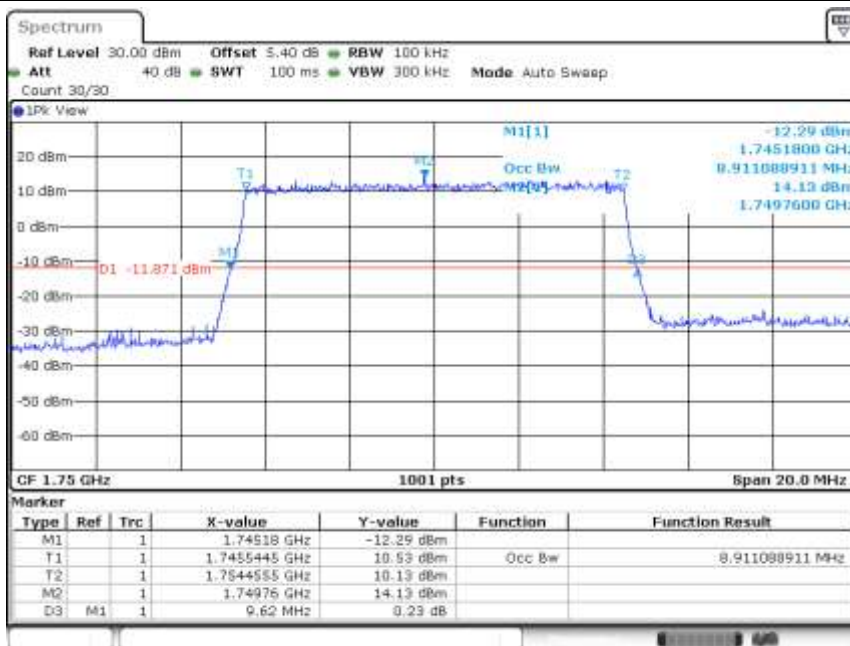
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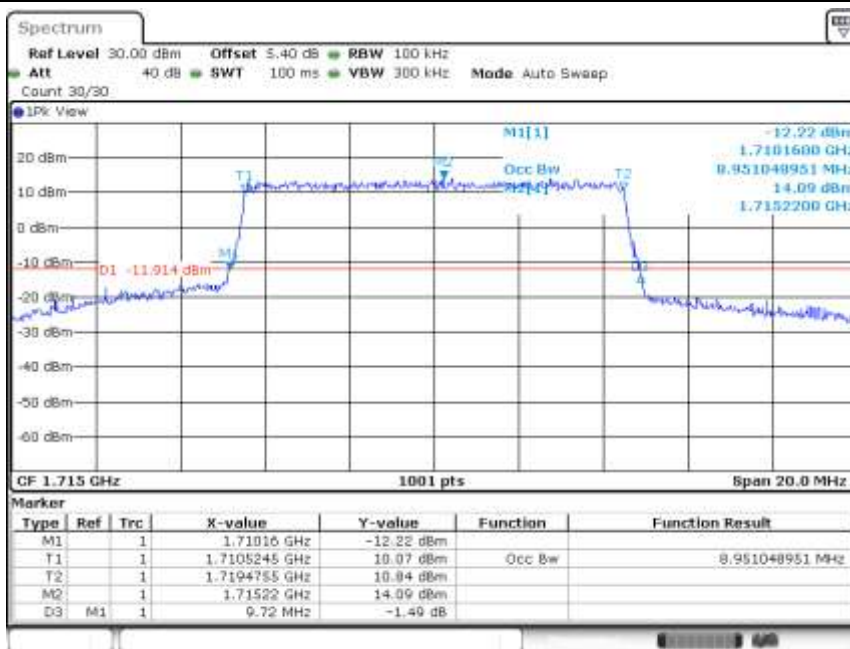
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Band4-10MHz-64QAM-20350-50RB#0-8.911



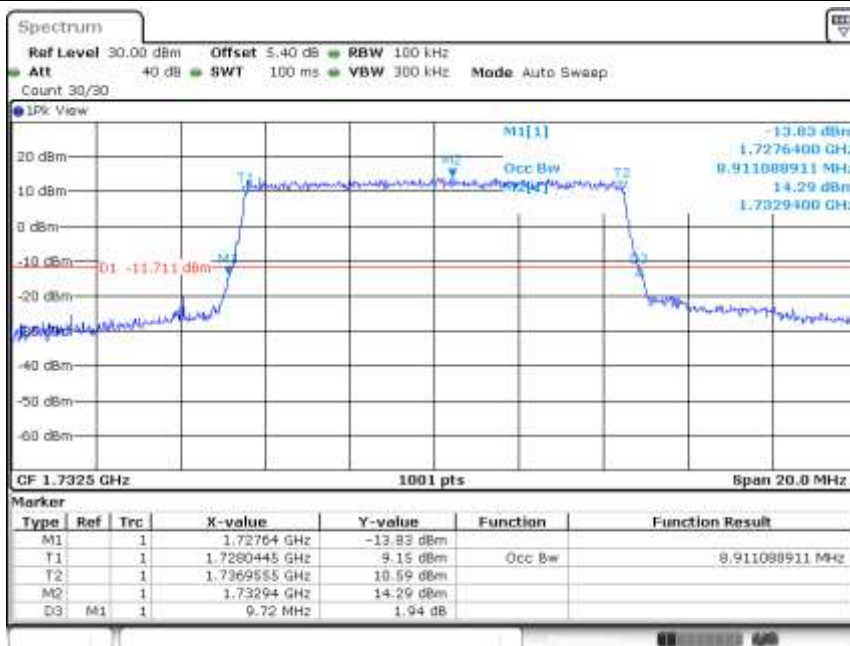
Band4-10MHz-16QAM-20000-50RB#0-8.951



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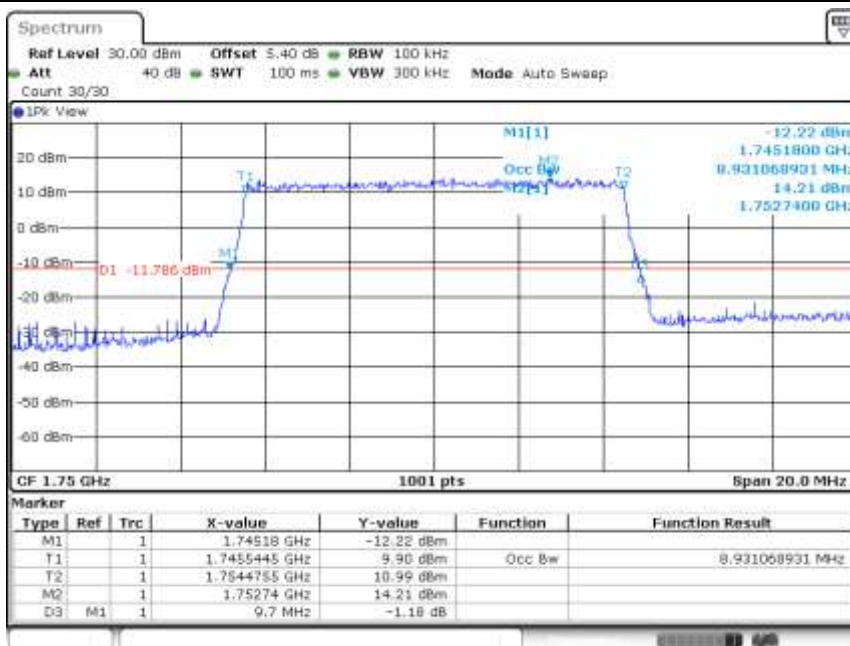
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Band4-10MHz-16QAM-20175-50RB#0-8.911



Date: 25 DEC 2020 21:04:00

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



Date: 25 DEC 2020 21:04:25



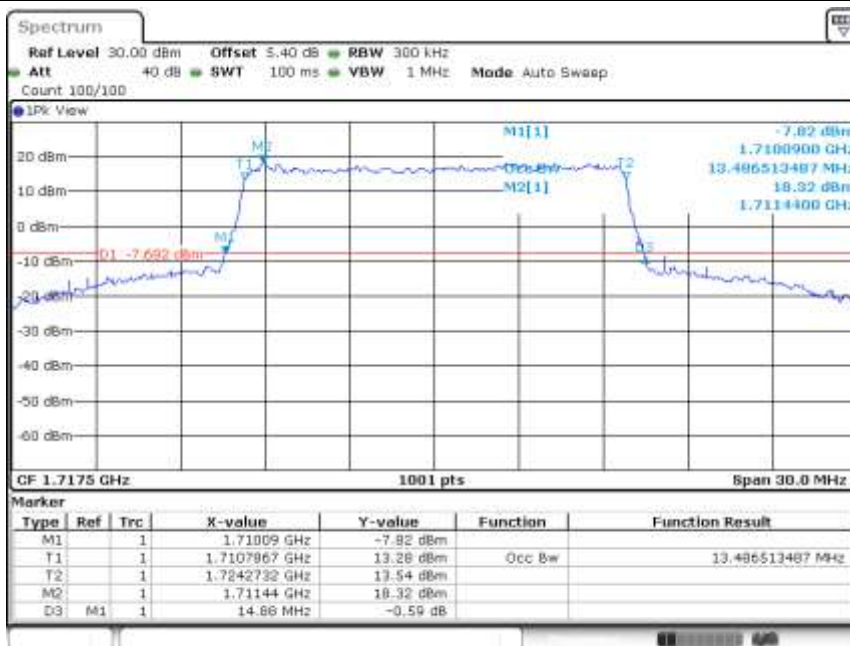
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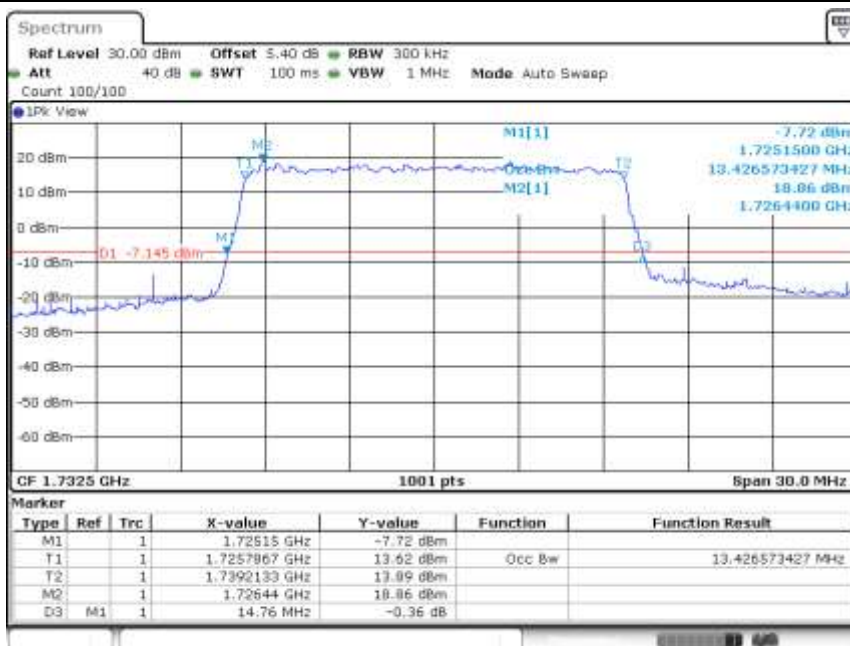
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Band4-15MHz-QPSK-20025-75RB#0-13.487



Date: 25 DEC 2020 21:04:49

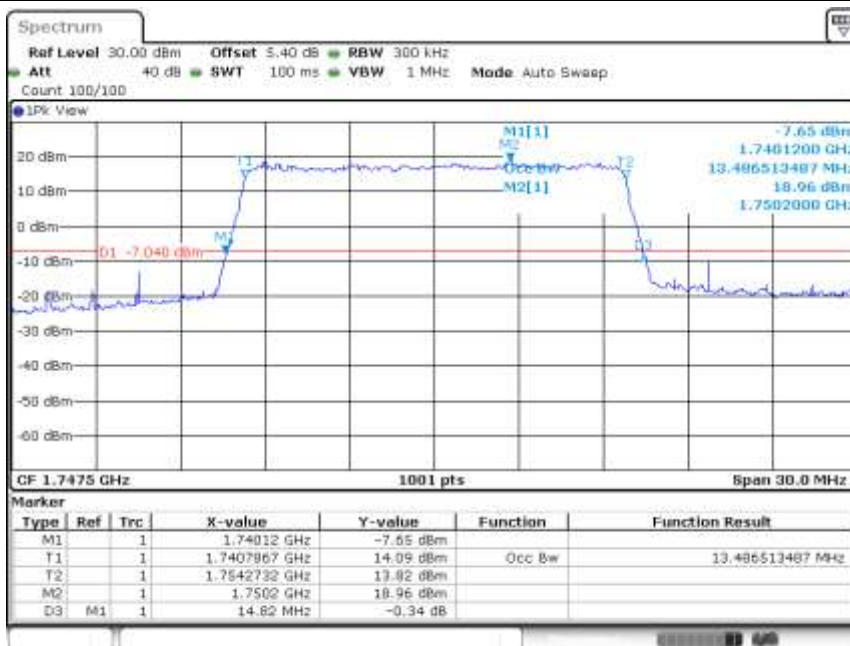
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Date: 25 DEC 2020 21:05:30

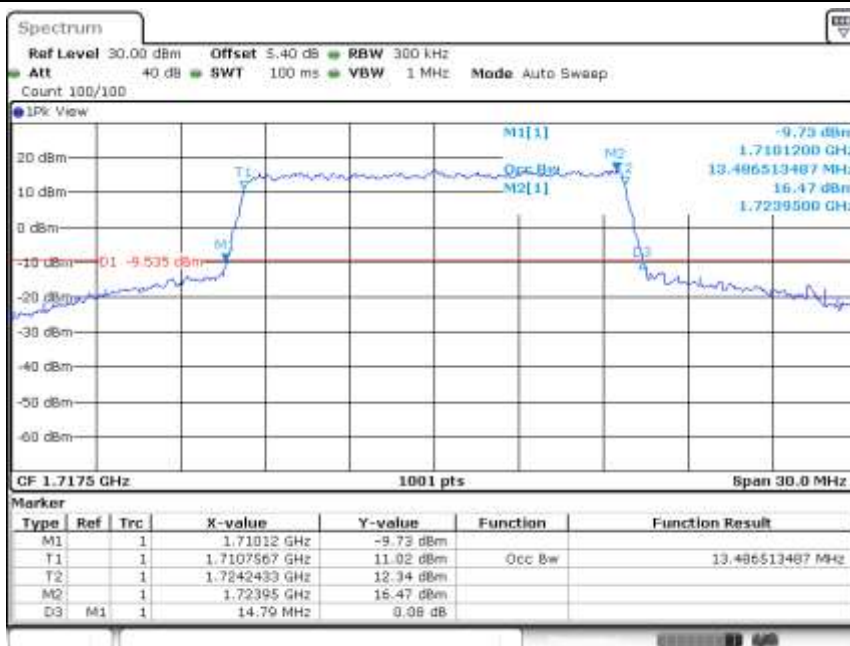


Band4-15MHz-QPSK-20325-75RB#0-13.487



Date: 25 DEC 2020 21:08:10

Band4-15MHz-64QAM-20025-75RB#0-13.487



Date: 28 DEC 2020 08:30:01



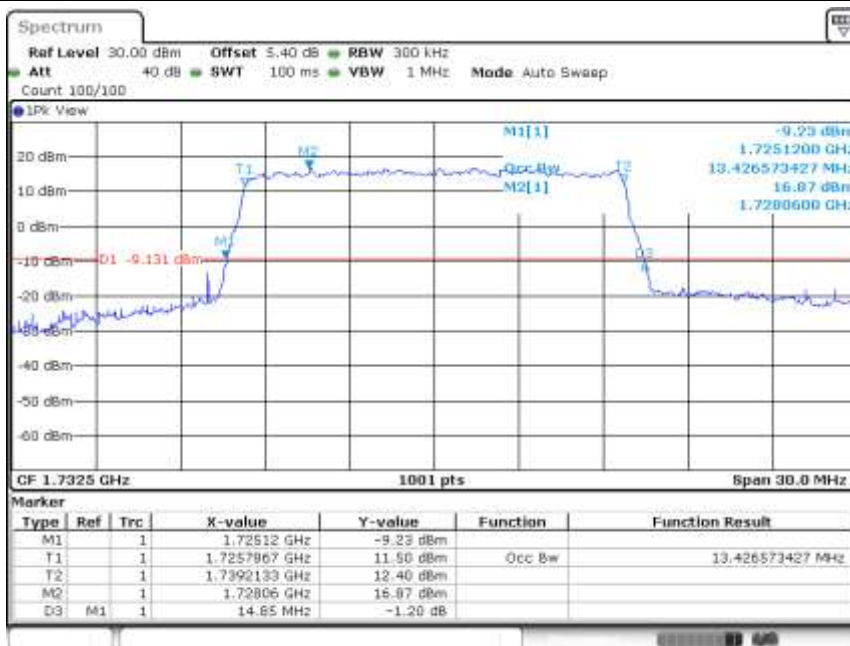
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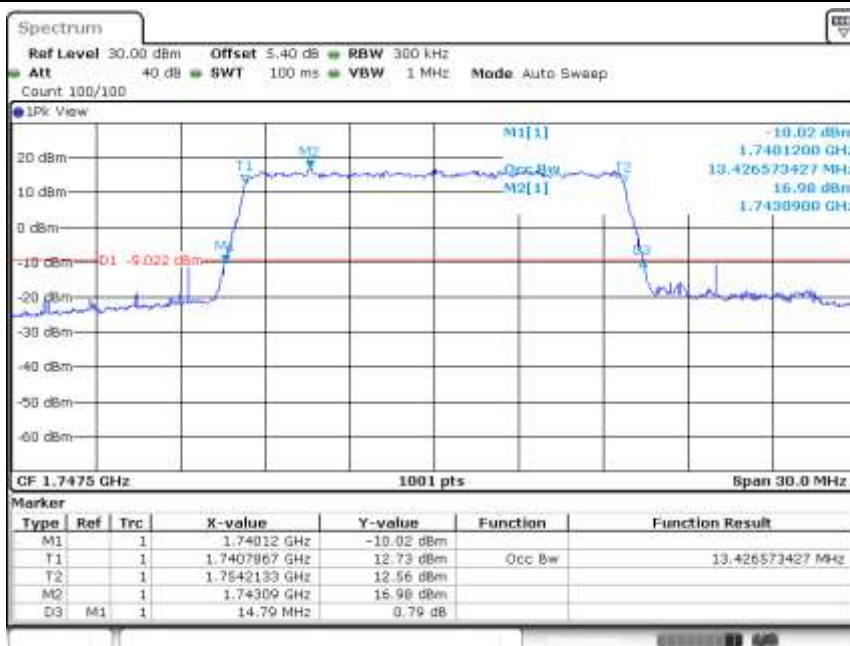
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Band4-15MHz-64QAM-20175-75RB#0-13.427



Date: 28 DEC 2020 08:30:21

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



Date: 28 DEC 2020 08:30:41

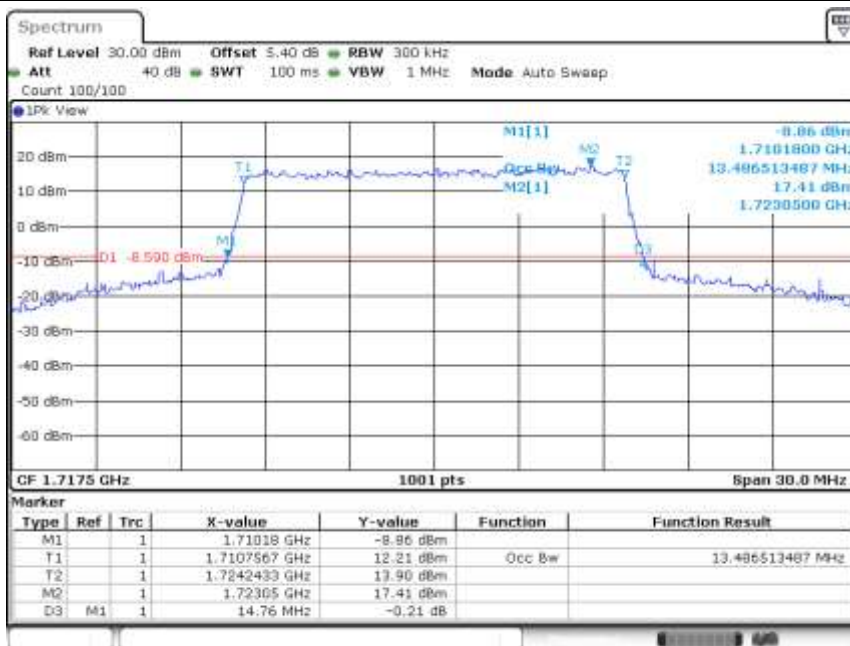


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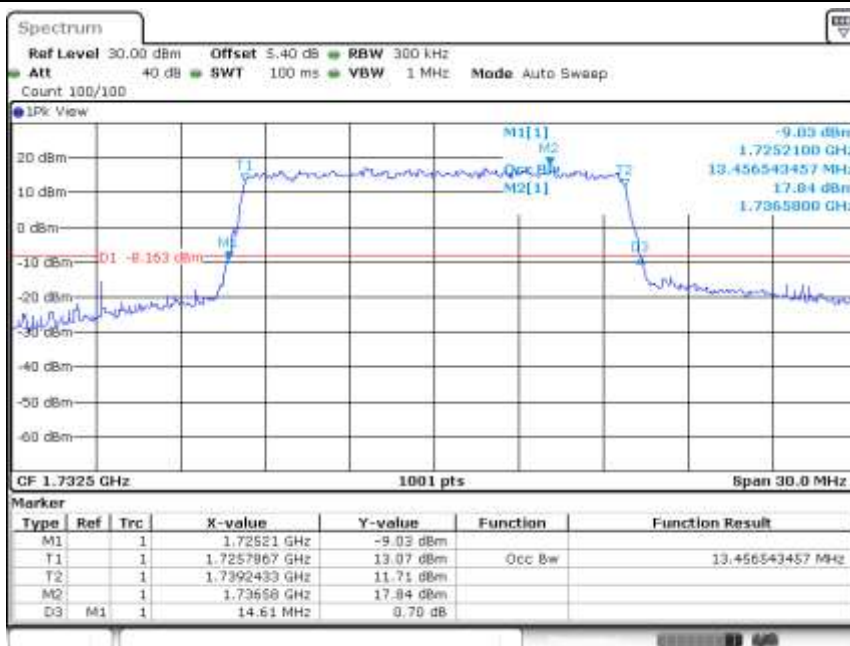
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Band4-15MHz-16QAM-20025-75RB#0-13.487



Date: 25 DEC 2020 21:05:10

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



Date: 25 DEC 2020 21:05:50

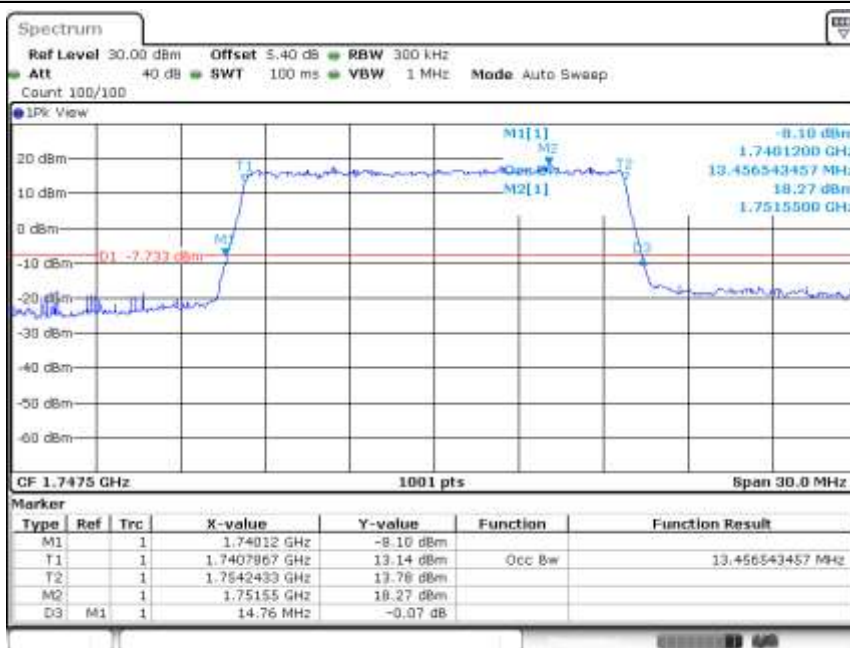


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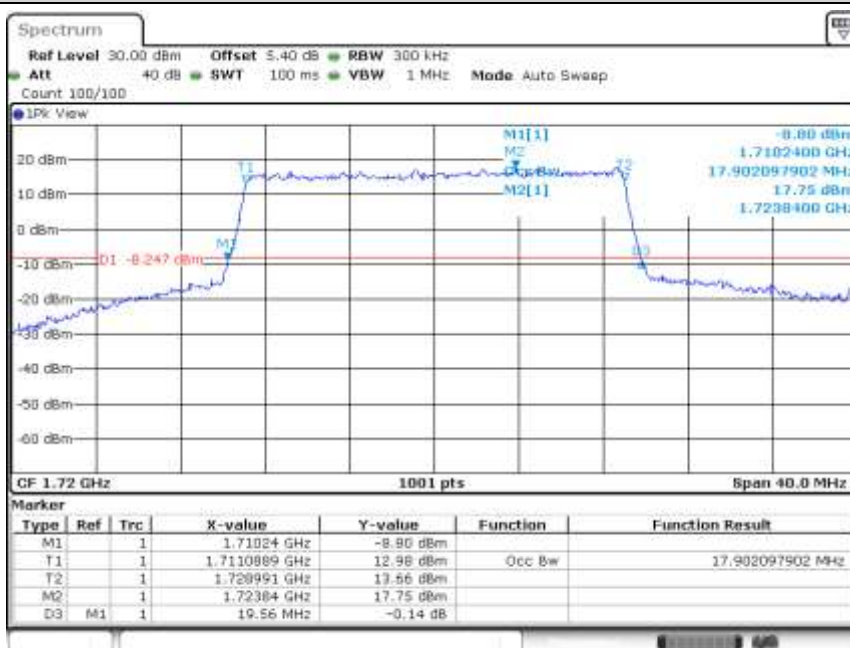
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Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 25 DEC 2020 21:08:29

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



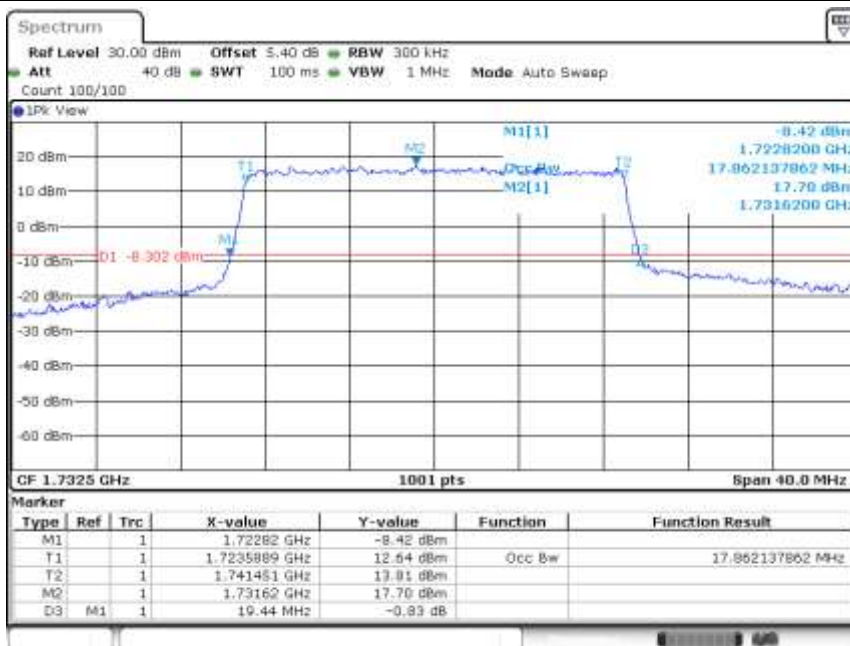
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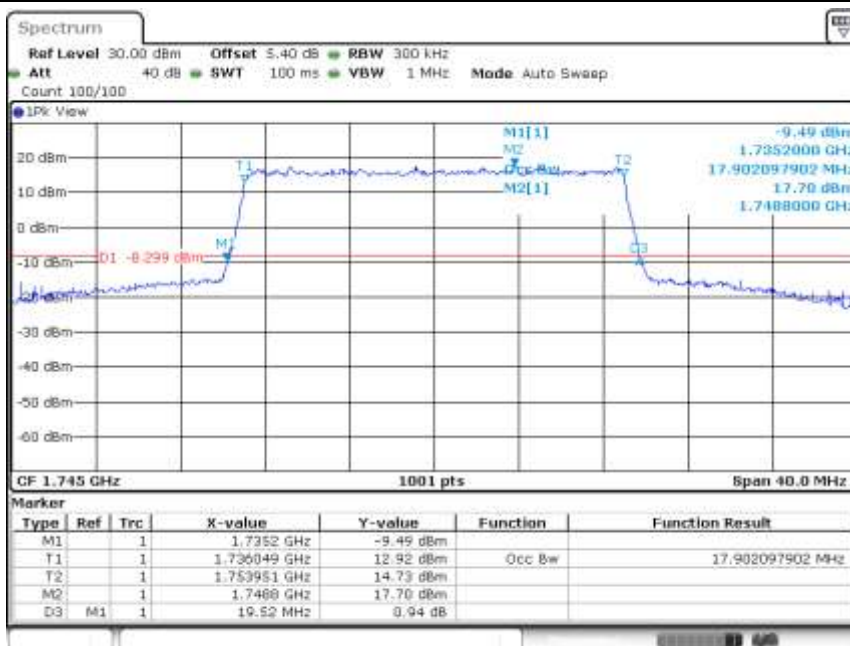
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Band4-20MHz-QPSK-20175-100RB#0-17.862



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



Date: 25 DEC 2020 21:08:13



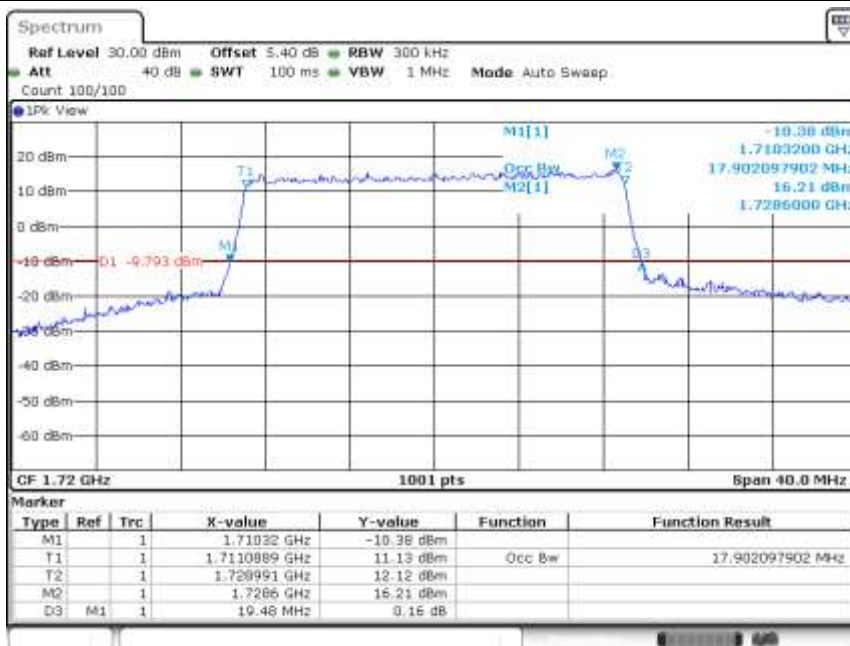
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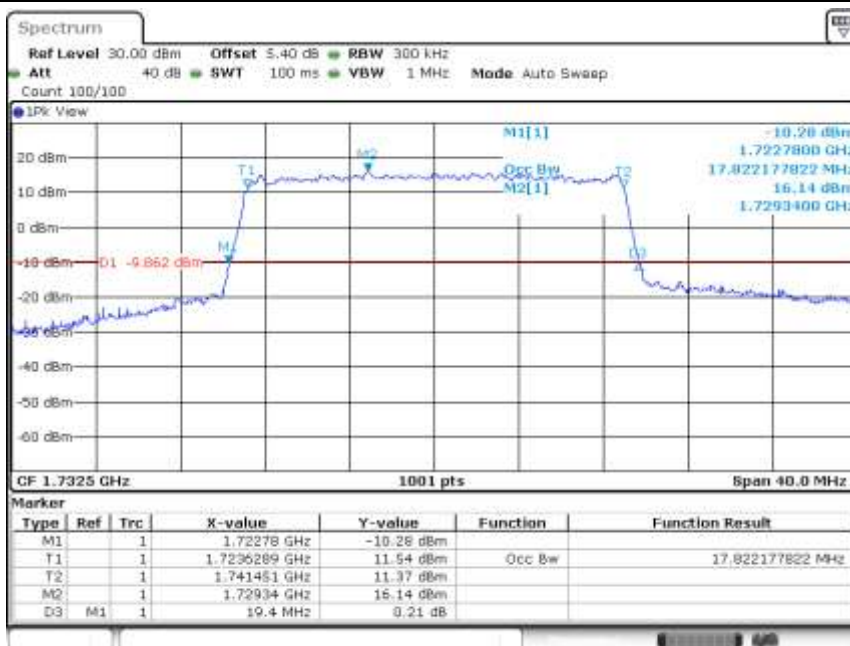
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Band4-20MHz-64QAM-20050-100RB#0-17.902



Date: 28 DEC 2020 08:31:06

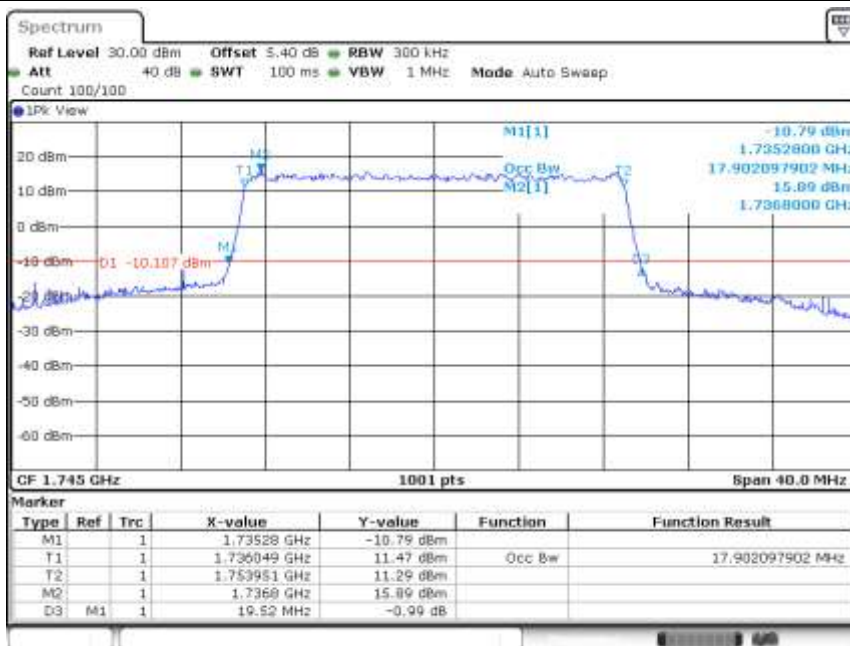
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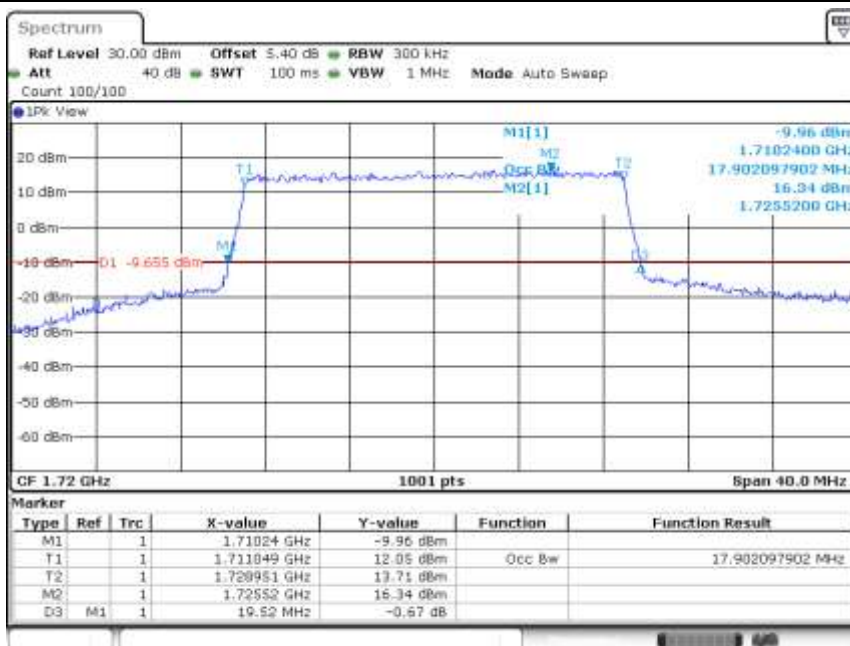


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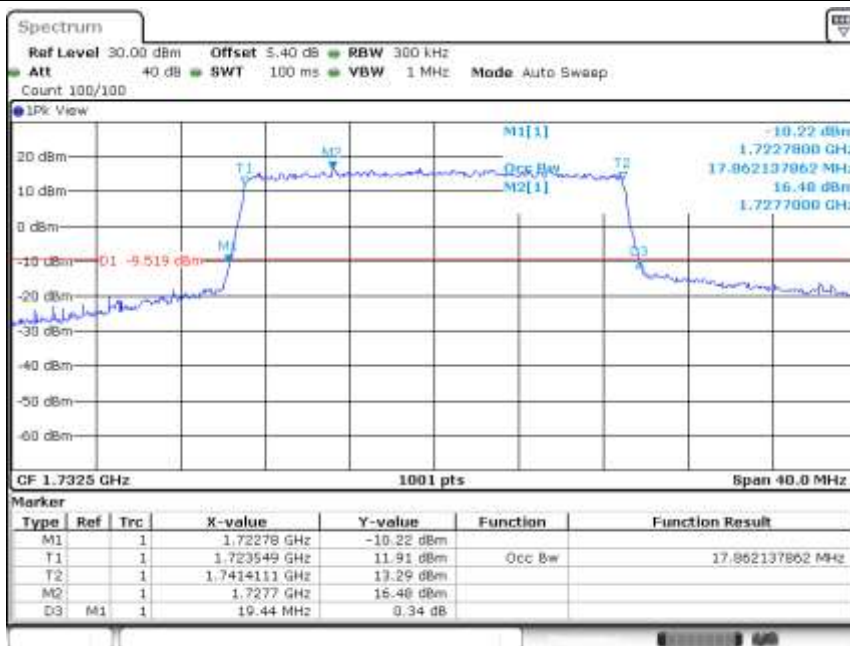
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Date: 25 DEC 2020 21:07:13

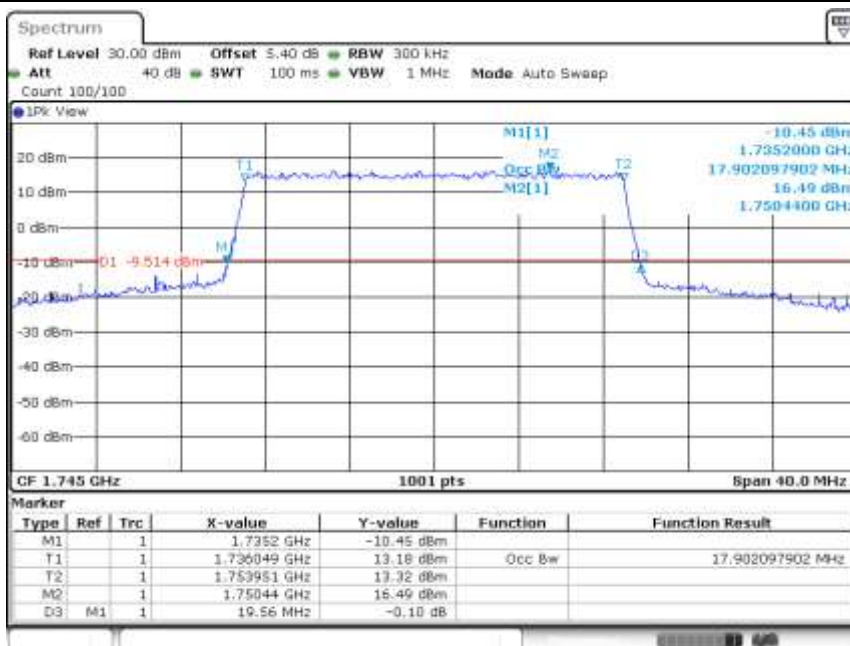


Band4-20MHz-16QAM-20175-100RB#0-17.862



Date: 25 DEC 2020 21:07:53

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



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5. Band Edge Compliance

5.1. Test Plots

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



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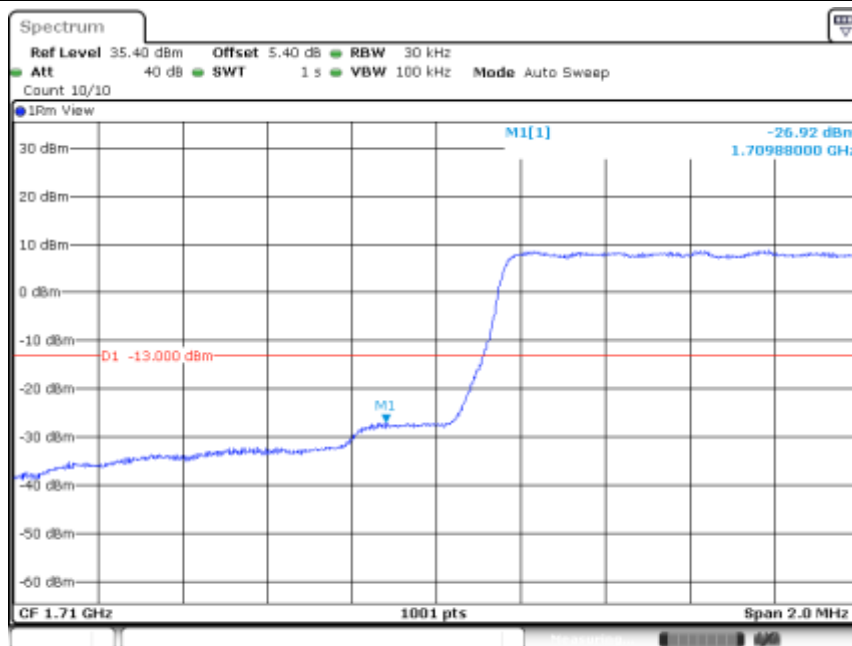
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Band4-1.4MHz-QPSK-19957-6RB#0



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



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



Date: 25 DEC 2020 21:09:19



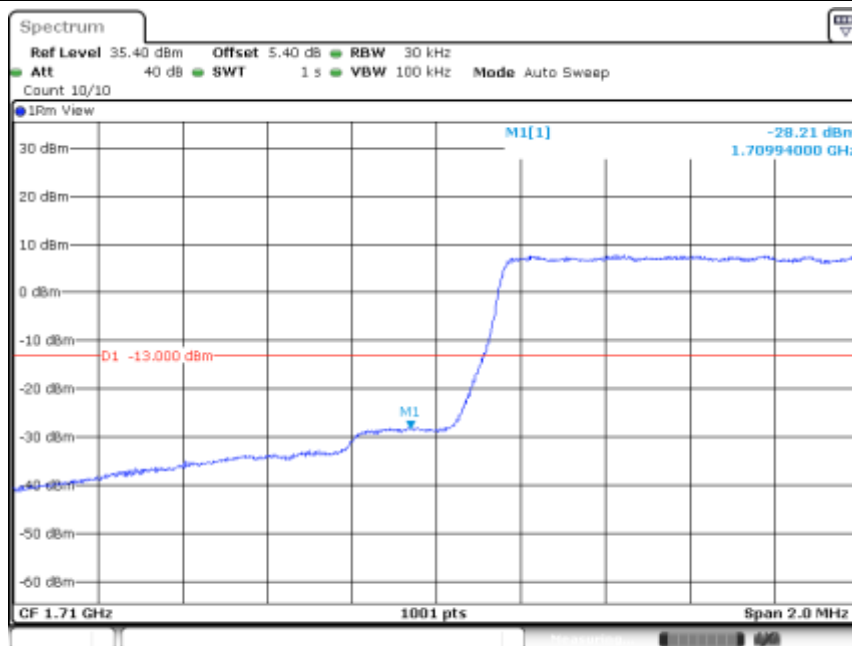
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Date: 25 DEC 2020 21:11:51



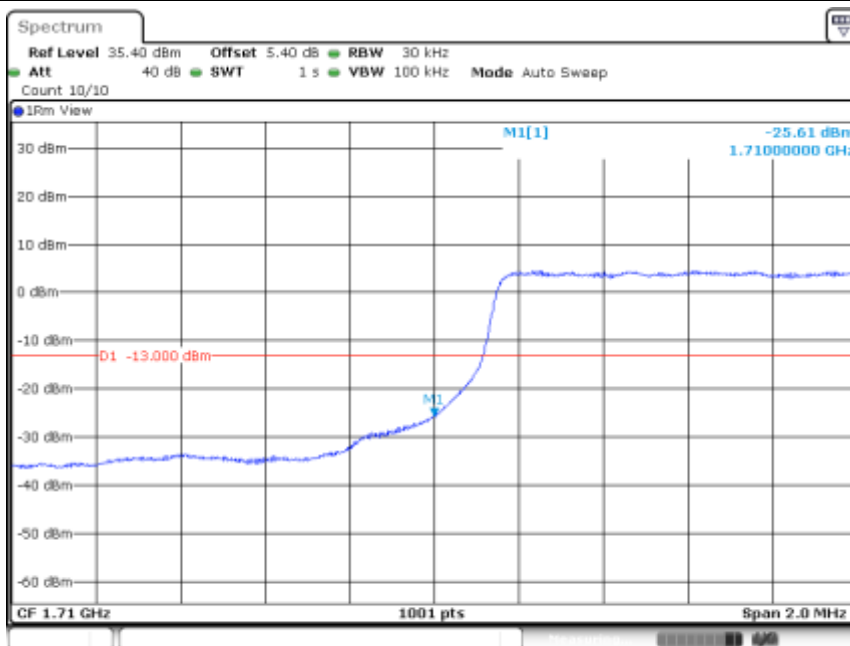
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Date: 28 DEC 2020 06:33:43



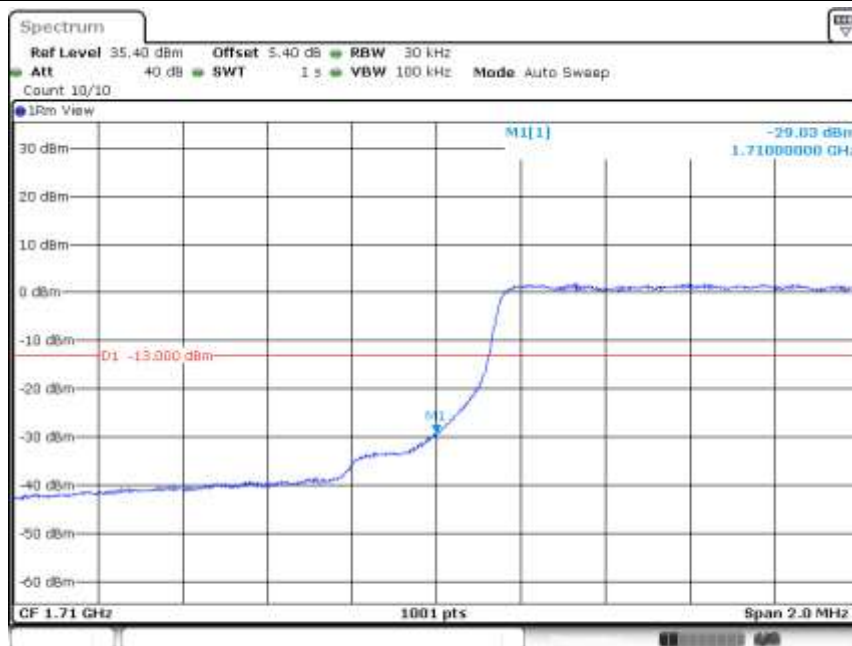
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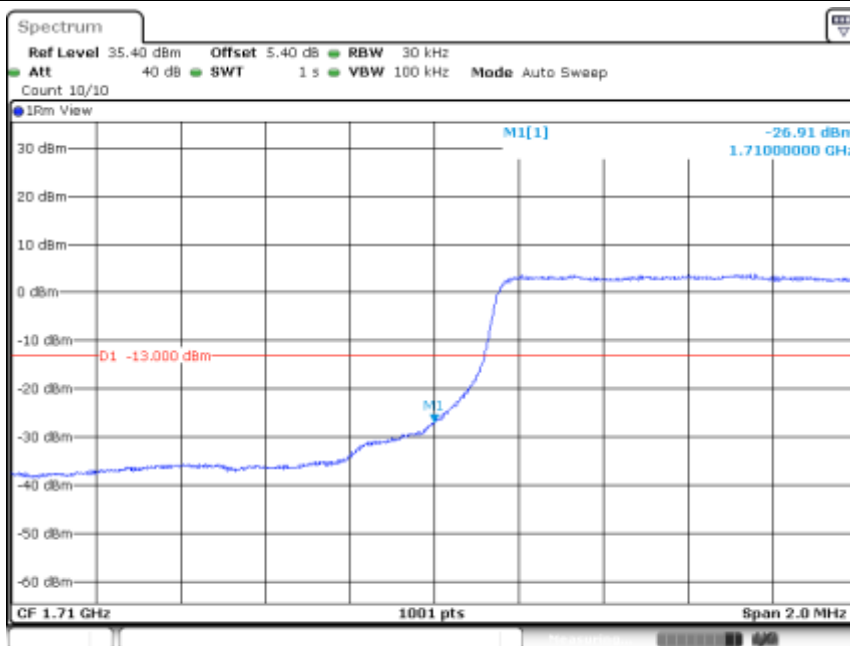
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Date: 25 DEC 2020 21:13:38



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



Date: 25 DEC 2020 21:14:19

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



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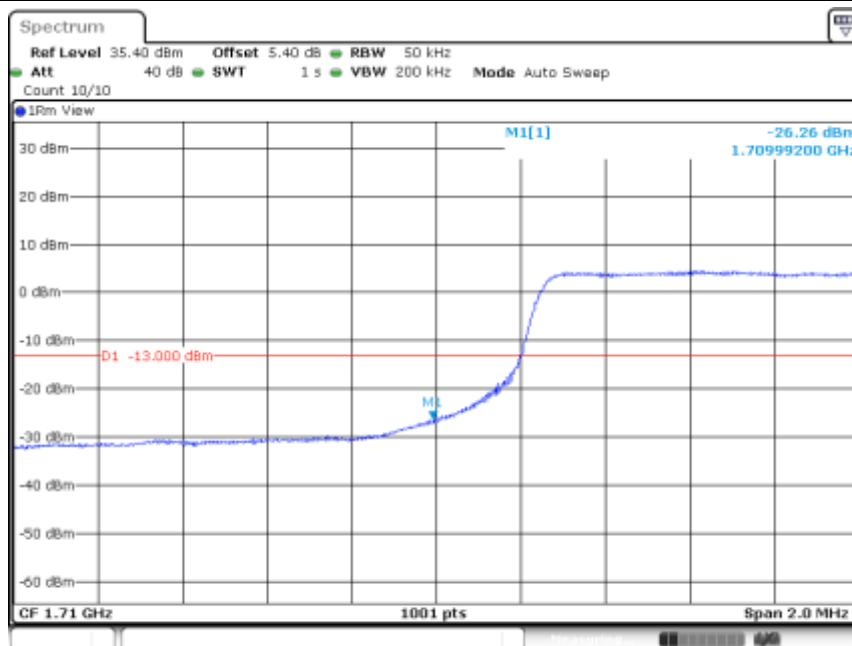
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Band4-5MHz-QPSK-19975-25RB#0



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



Date: 25 DEC 2020 21:16:12



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



Date: 25 DEC 2020 21:16:53

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



Date: 28 DEC 2020 06:35:15



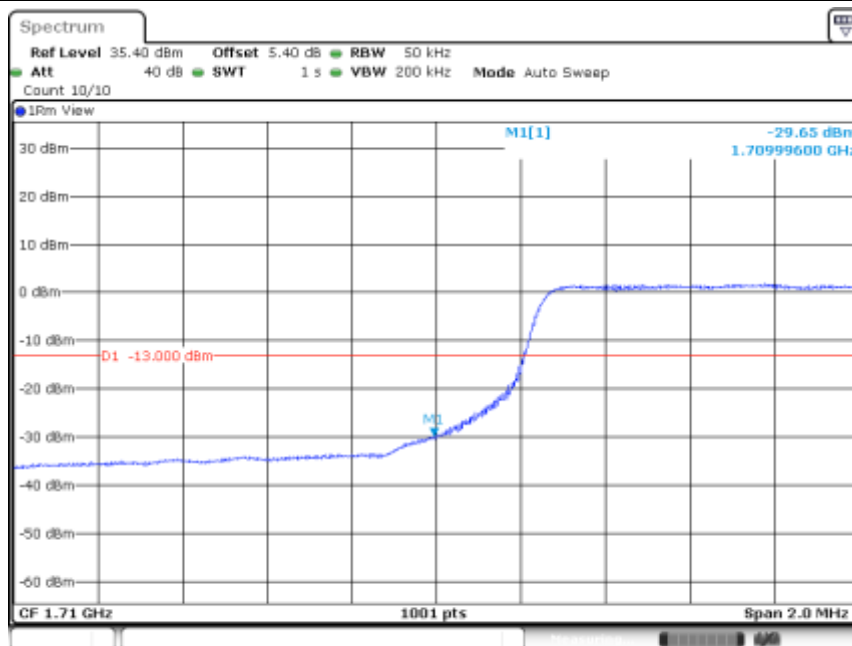
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Band4-5MHz-64QAM-20375-1RB#24



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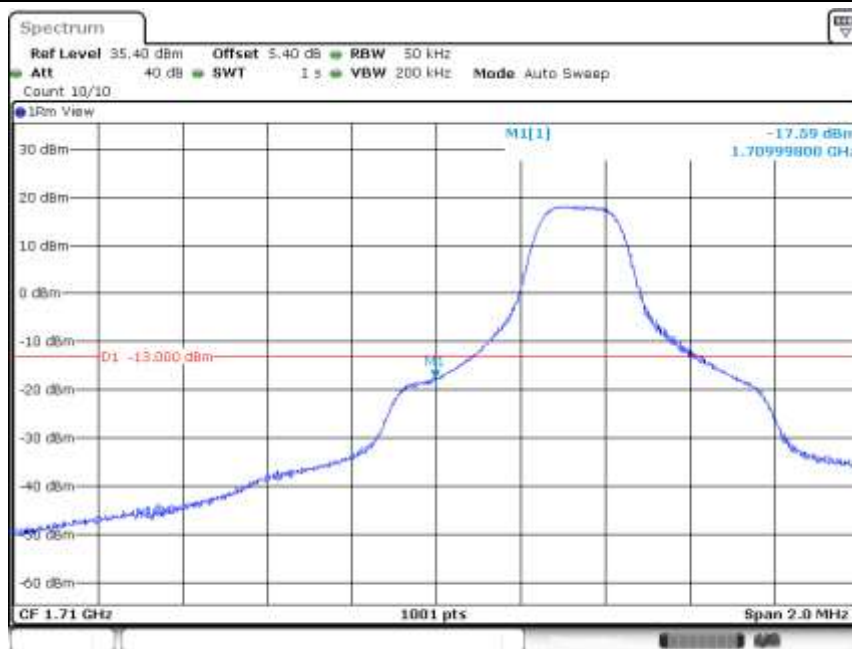
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Band4-5MHz-64QAM-20375-25RB#0



Date: 28 DEC 2020 08:36:21

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



Date: 25 DEC 2020 21:15:06



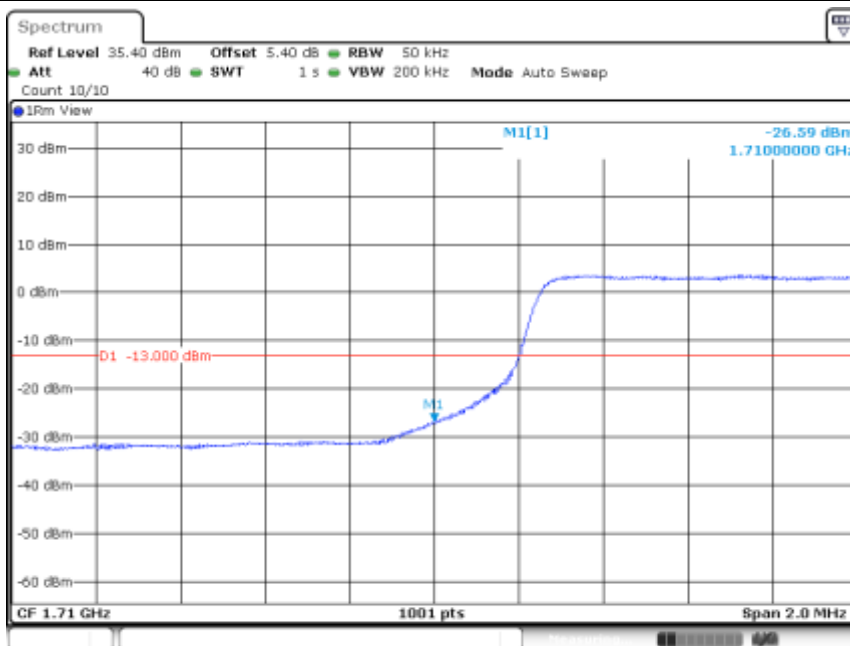
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Band4-5MHz-16QAM-20375-1RB#24



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Date: 25 DEC 2020 21:17:14

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



Date: 25 DEC 2020 21:17:39



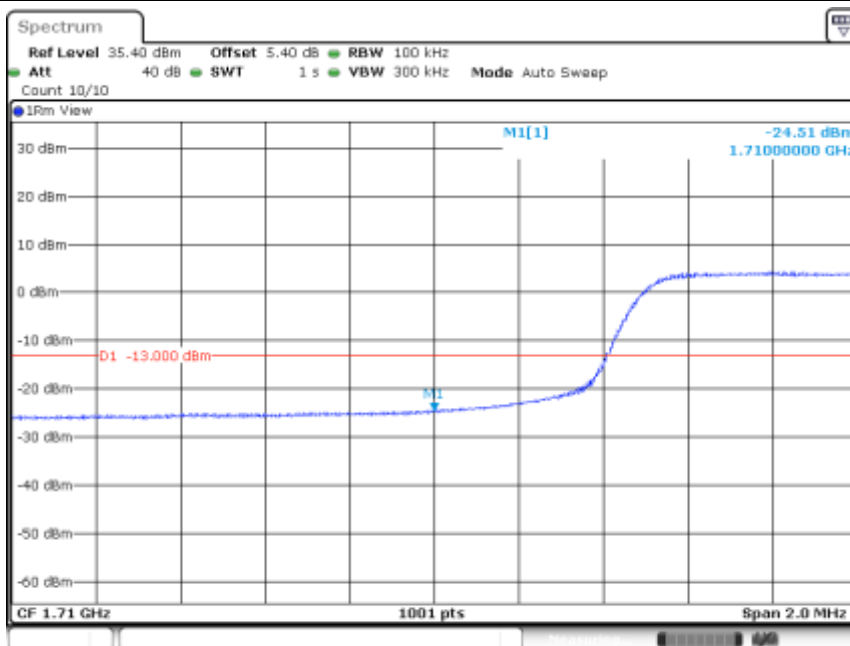
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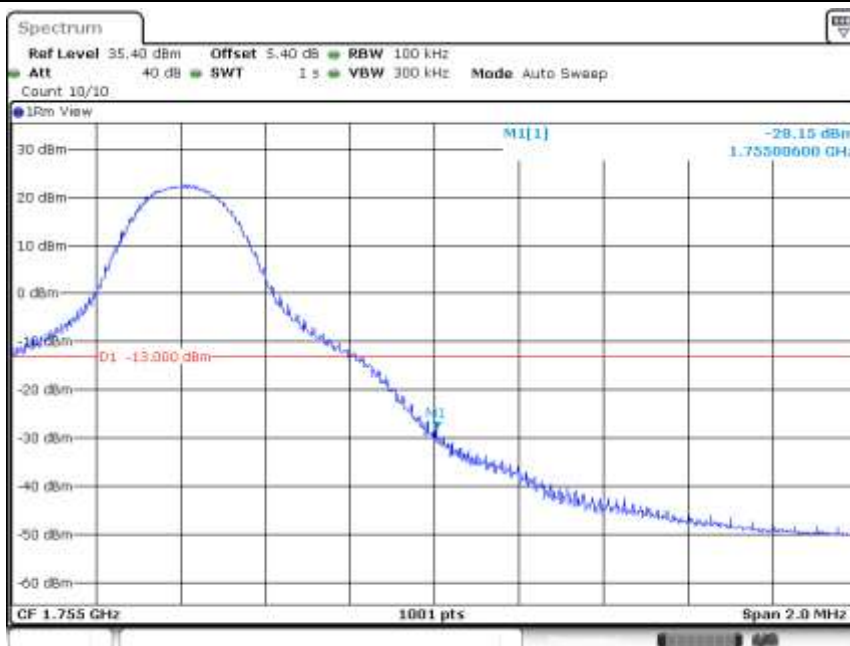
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Date: 25 DEC 2020 21:18:20

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



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Date: 25 DEC 2020 21:19:47

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



Date: 28 DEC 2020 08:36:50



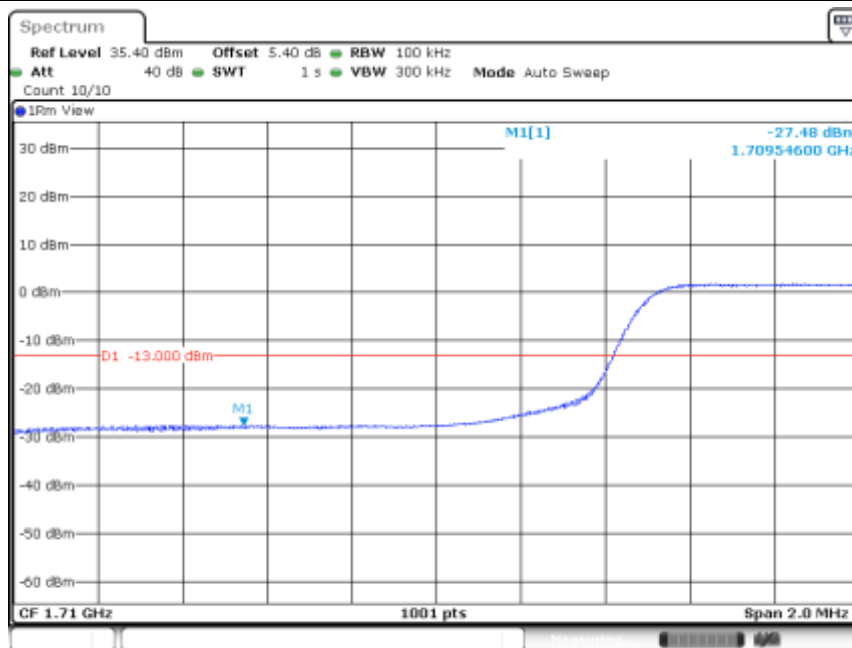
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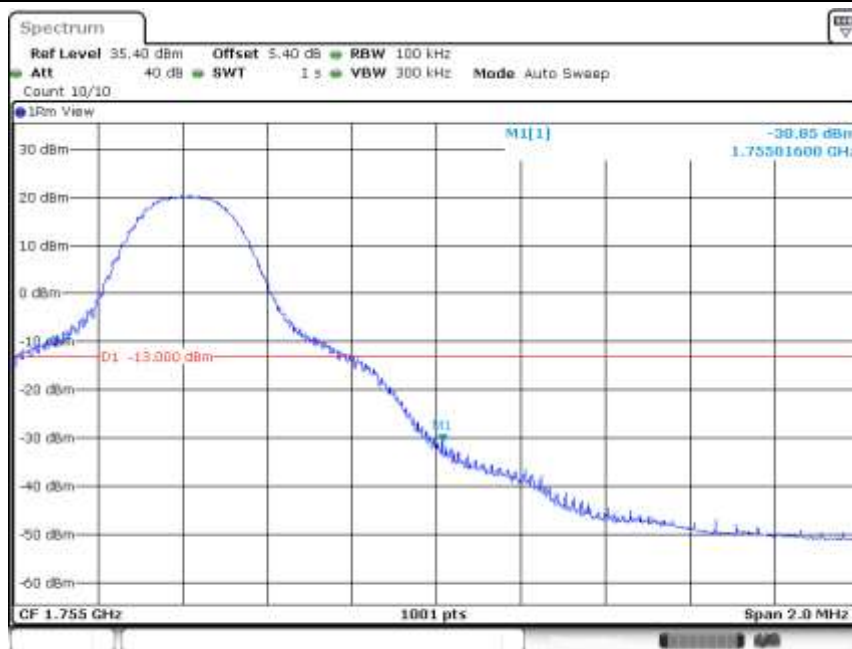
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Band4-10MHz-16QAM-20000-1RB#0



Date: 25 DEC 2020 21:18:00



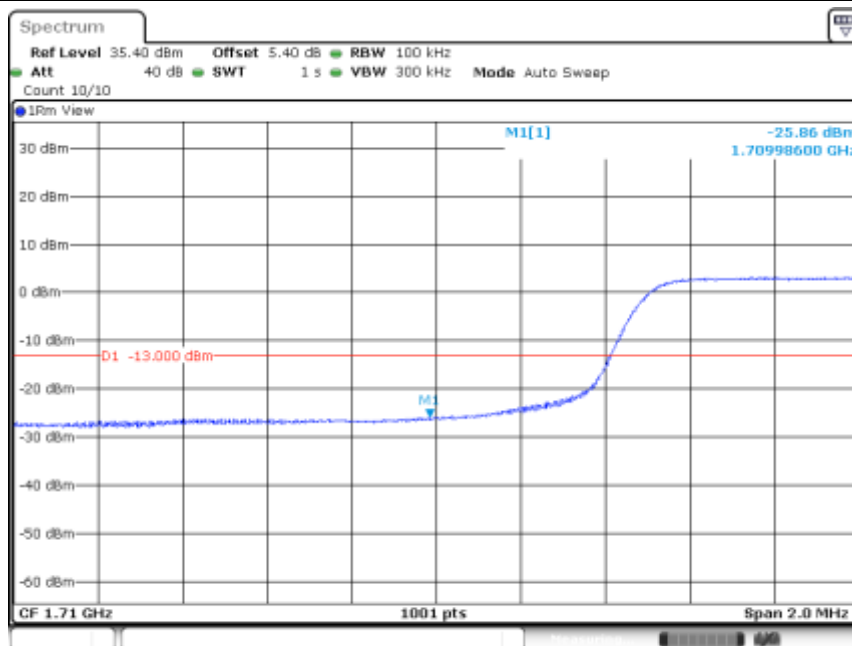
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Band4-10MHz-16QAM-20350-1RB#49



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



Date: 25 DEC 2020 21:20:33



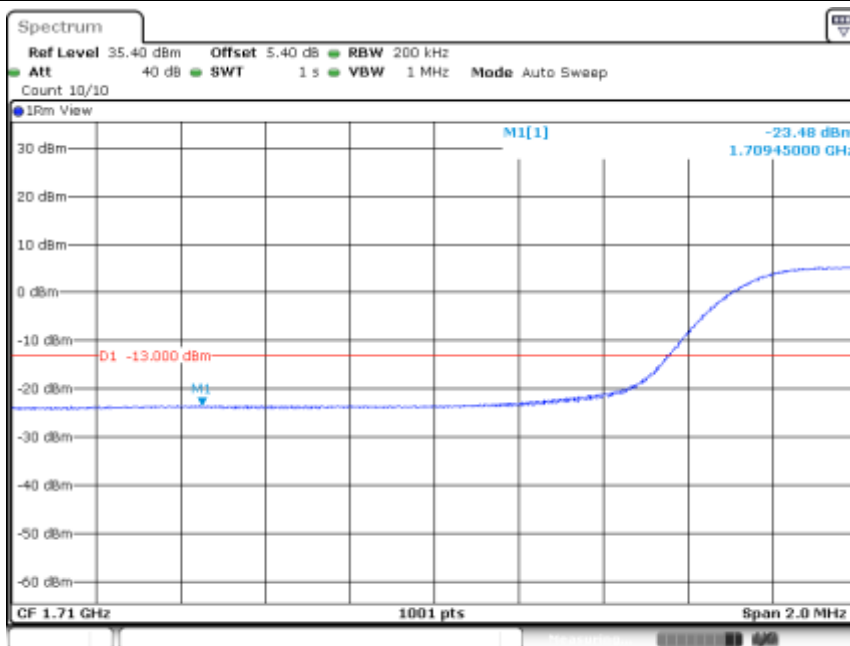
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Date: 25 DEC 2020 21:21:15

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



Date: 25 DEC 2020 21:22:01



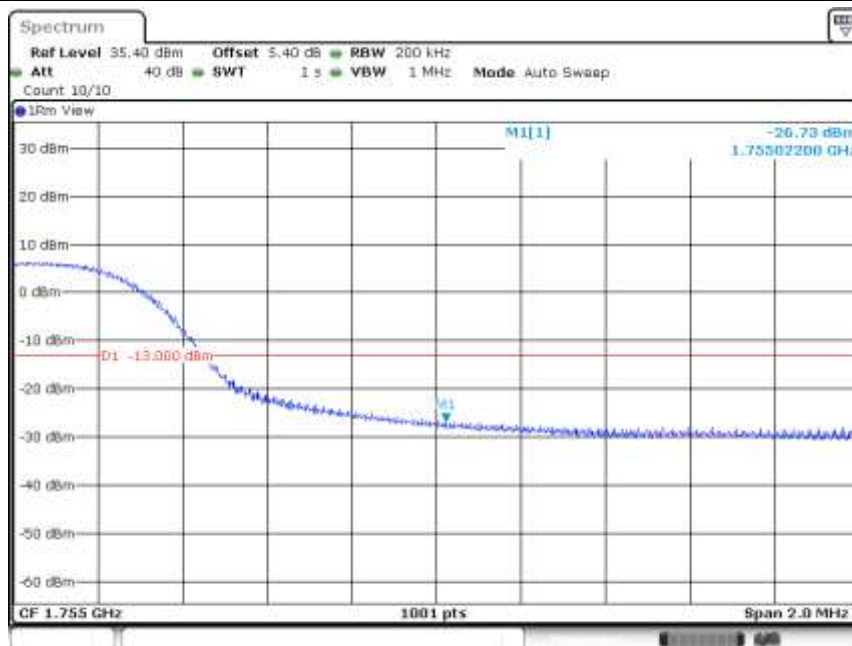
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Band4-15MHz-QPSK-20325-75RB#0



Date: 25 DEC 2020 21:22:43

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



Date: 28 DEC 2020 06:38:22



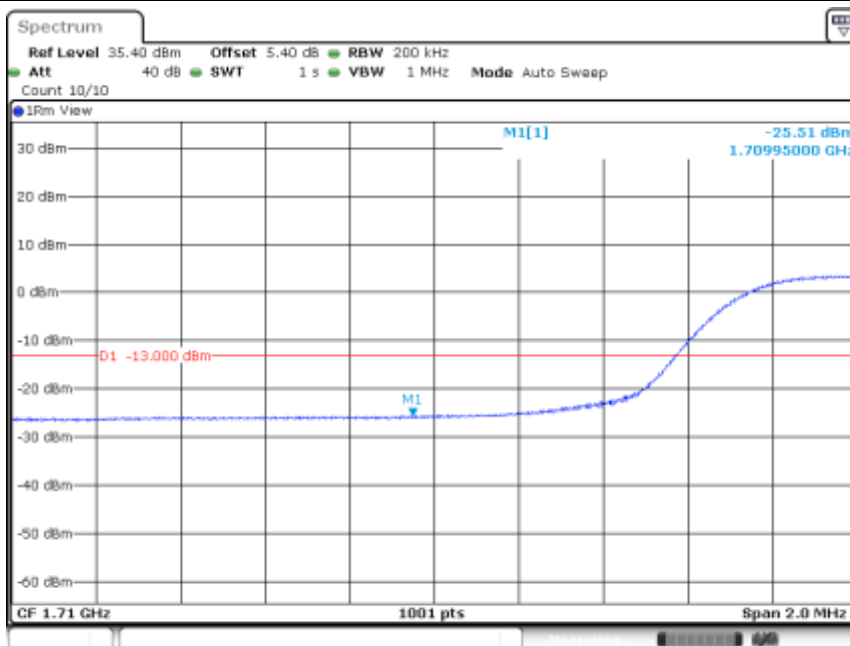
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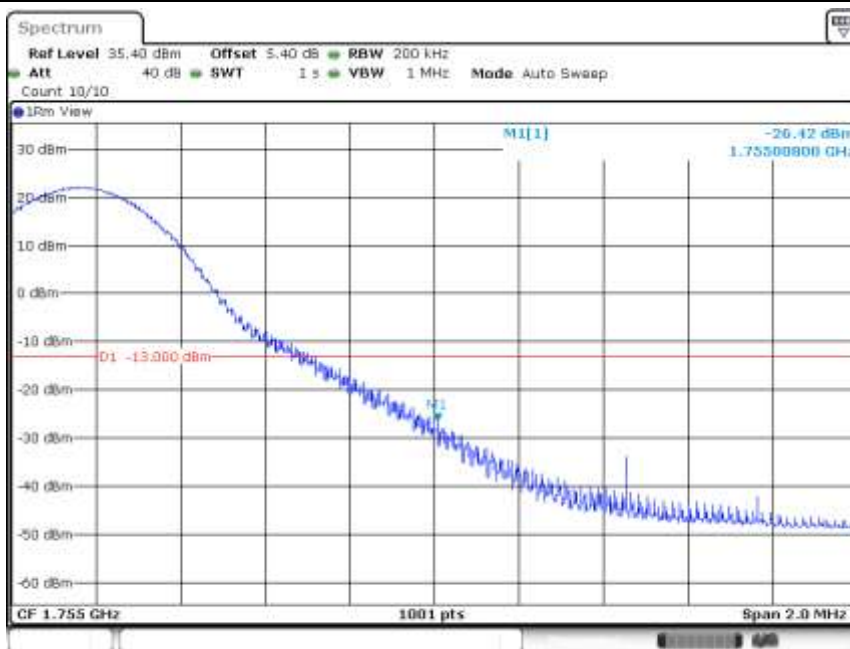
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Band4-15MHz-64QAM-20025-75RB#0



Date: 28 DEC 2020 08:38:43

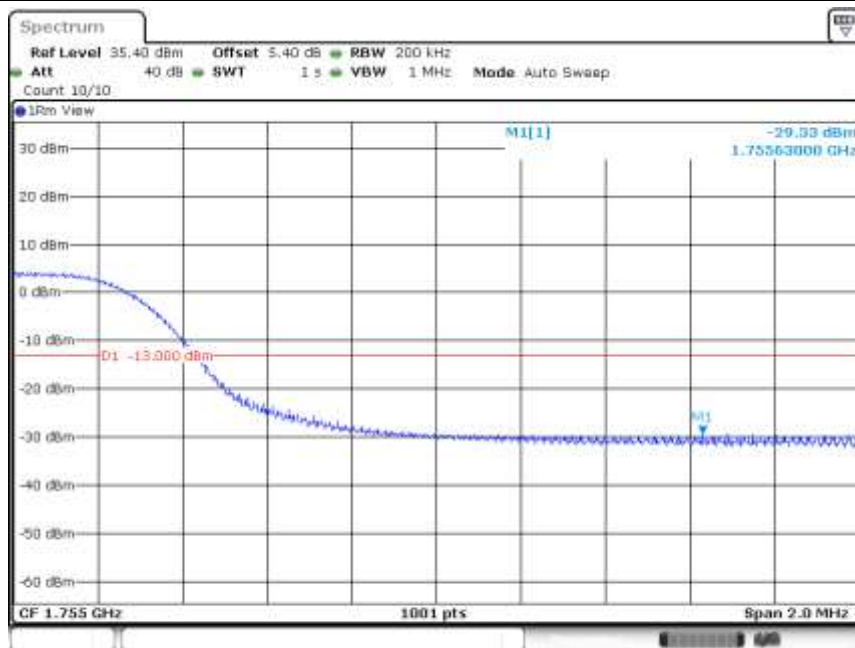
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Date: 28 DEC 2020 08:39:08



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



Date: 28 DEC 2020 08:39:28

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



Date: 25 DEC 2020 21:20:54



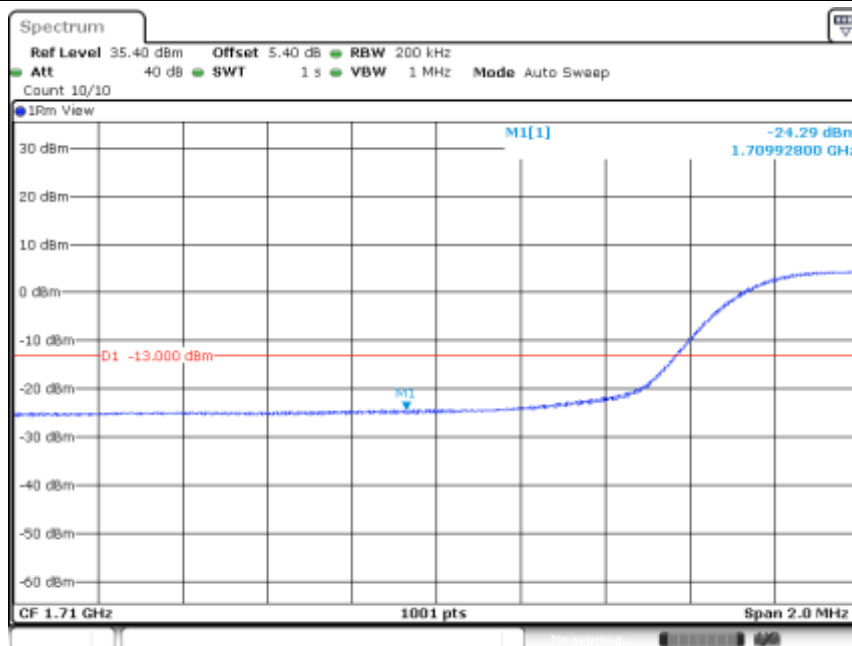
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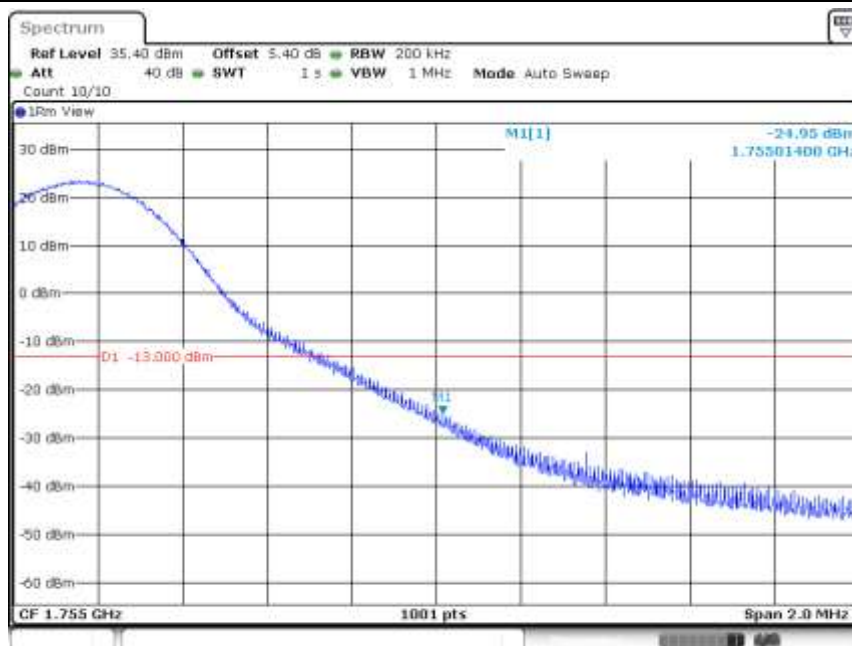
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Band4-15MHz-16QAM-20025-75RB#0



Date: 25 DEC 2020 21:21:35

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



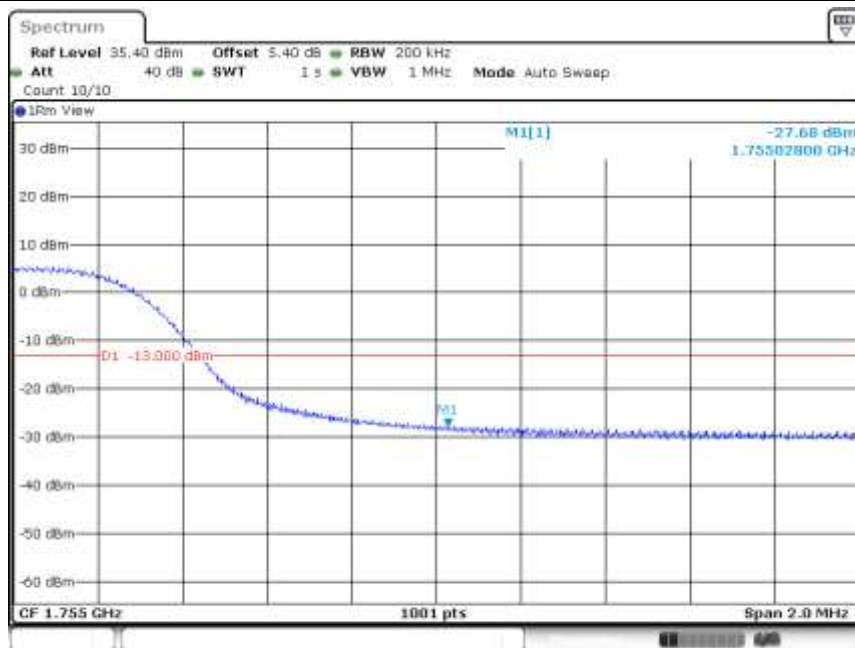
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Band4-15MHz-16QAM-20325-75RB#0



Date: 25 DEC 2020 21:23:04

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



Date: 25 DEC 2020 21:23:29



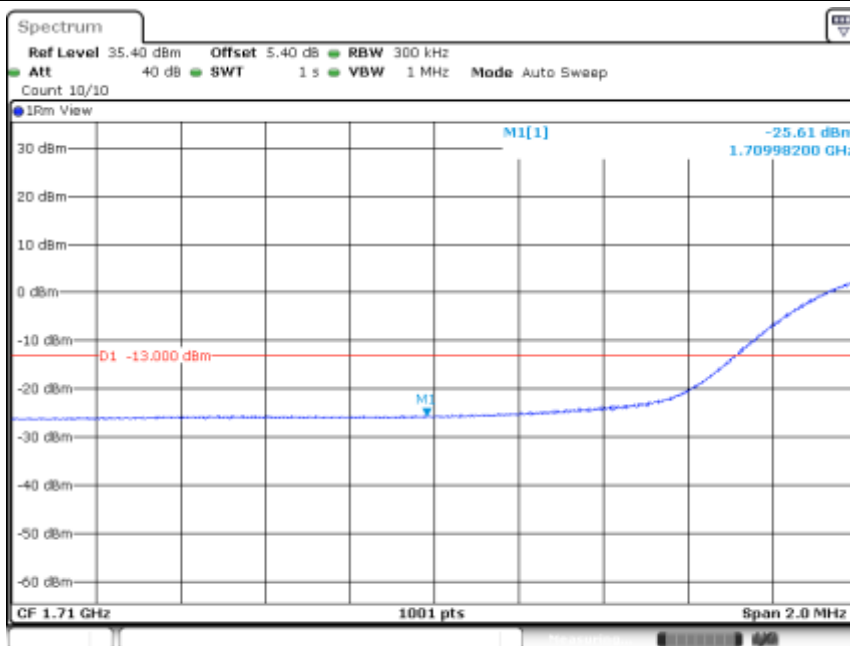
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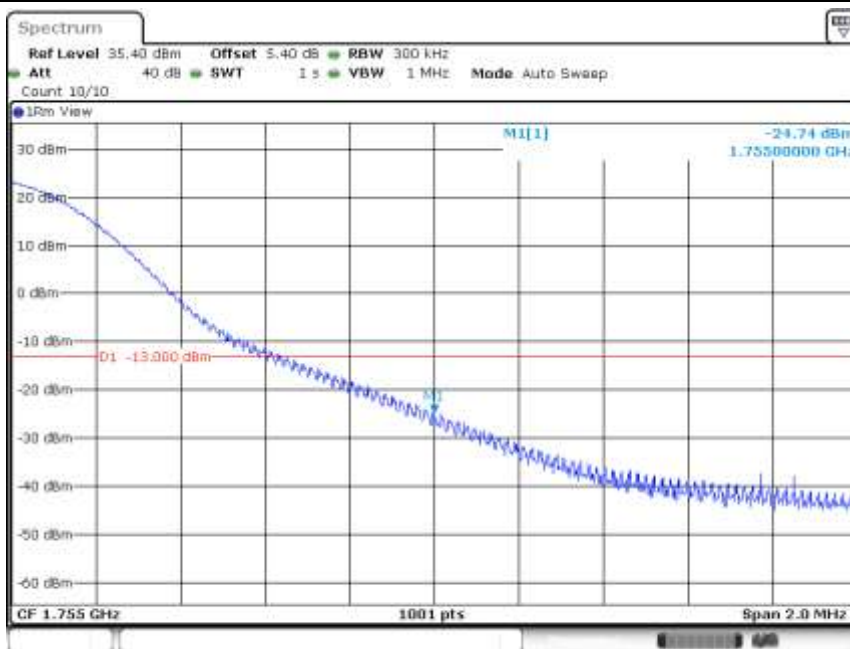
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Band4-20MHz-QPSK-20050-100RB#0



Date: 25 DEC 2020 21:24:10

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



Date: 25 DEC 2020 21:24:56



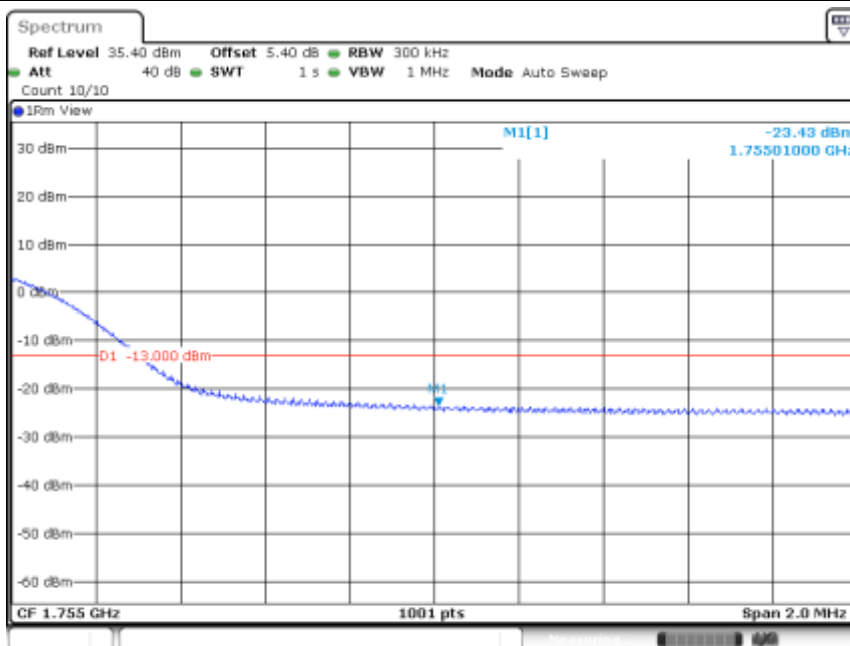
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Band4-20MHz-QPSK-20300-100RB#0



Date: 25 DEC 2020 21:25:37

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



Date: 28 DEC 2020 08:39:54



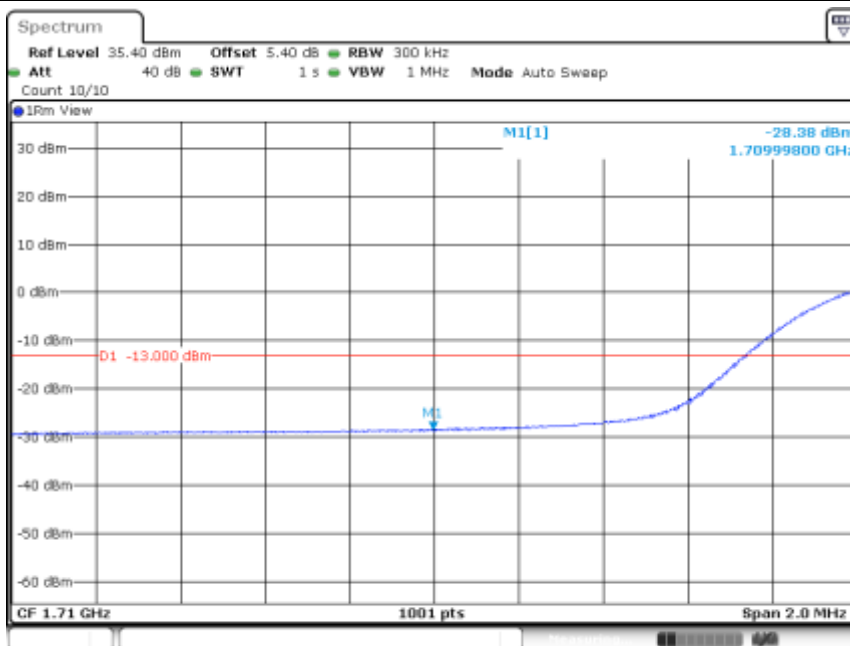
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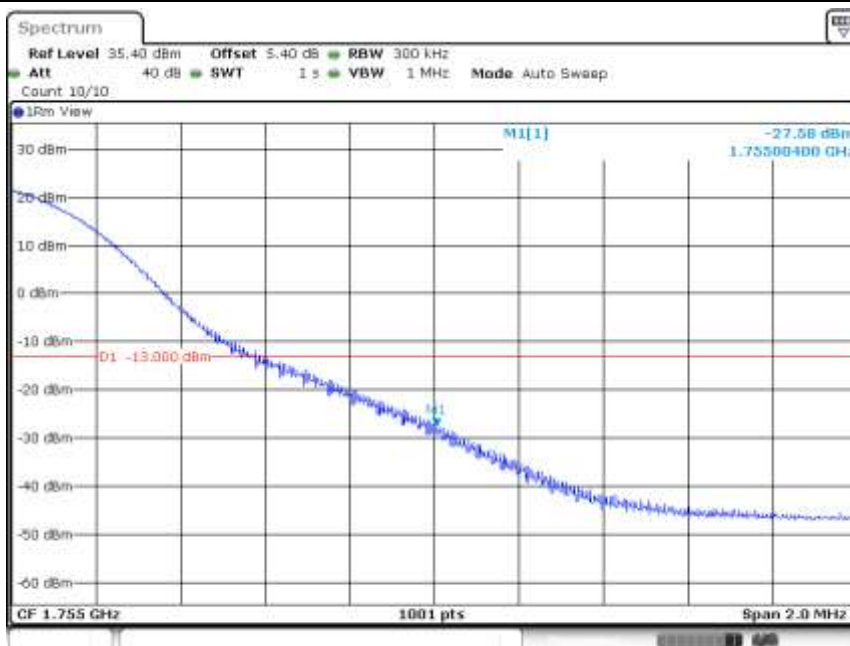
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Band4-20MHz-64QAM-20050-100RB#0



Date: 28 DEC 2020 08:40:14

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



Date: 28 DEC 2020 08:40:40



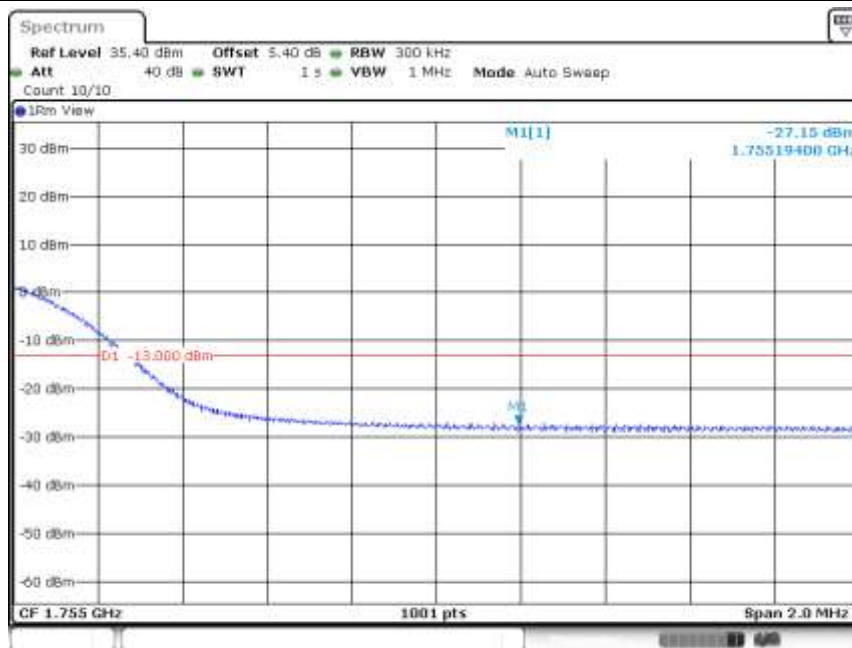
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Band4-20MHz-64QAM-20300-100RB#0



Date: 28 DEC 2020 08:41:00

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



Date: 25 DEC 2020 21:23:50



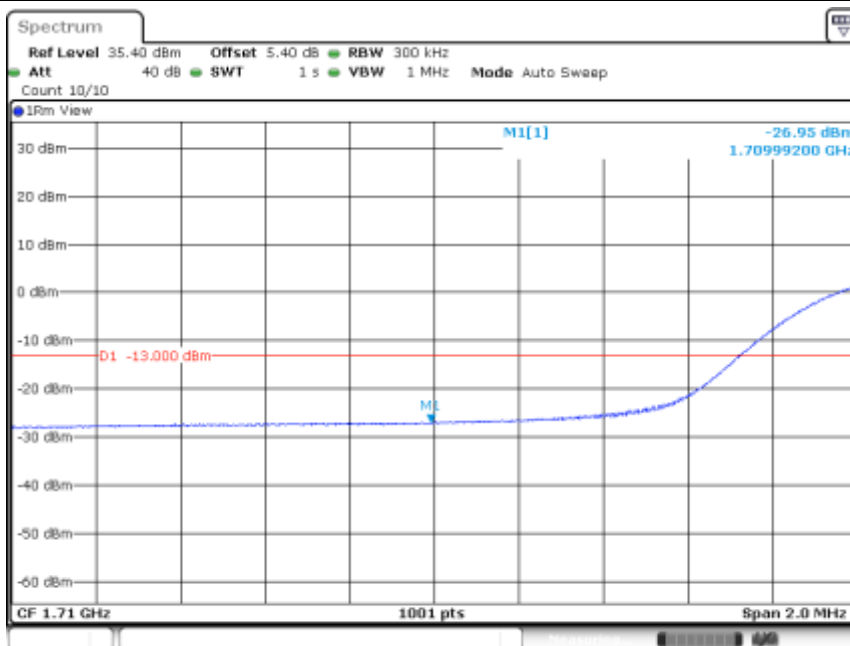
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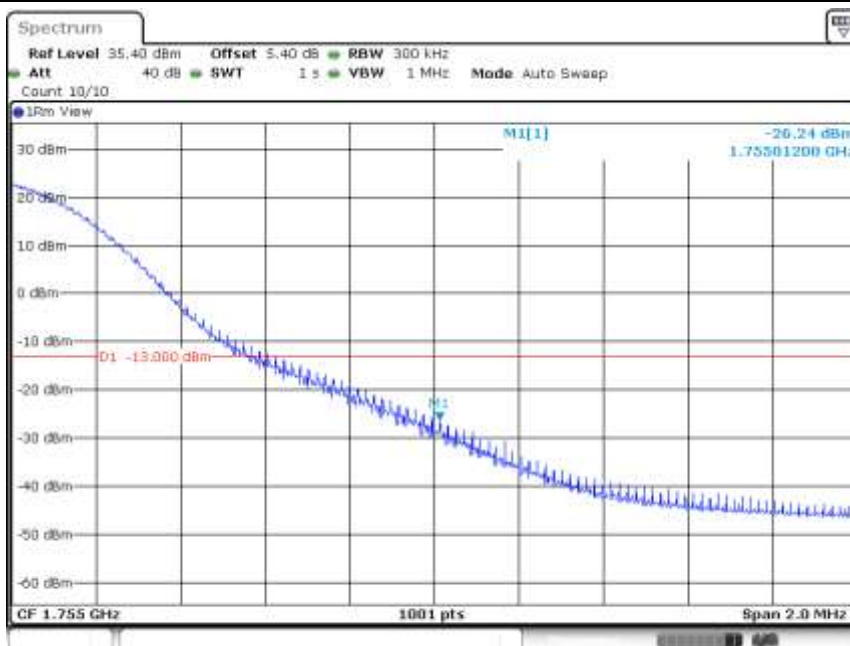
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Band4-20MHz-16QAM-20050-100RB#0



Date: 25 DEC 2020 21:24:31

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



Date: 25 DEC 2020 21:25:17



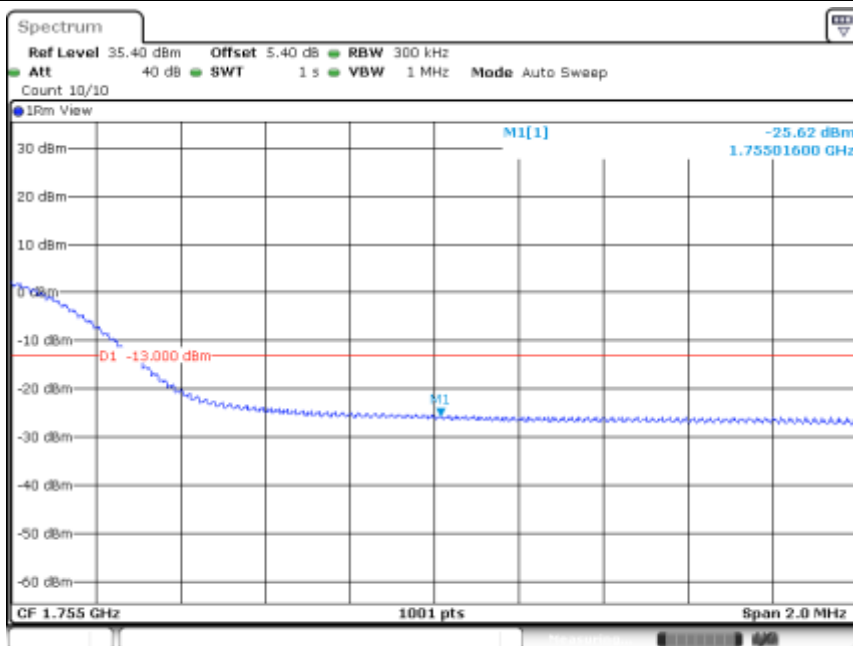
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Band4-20MHz-16QAM-20300-100RB#0



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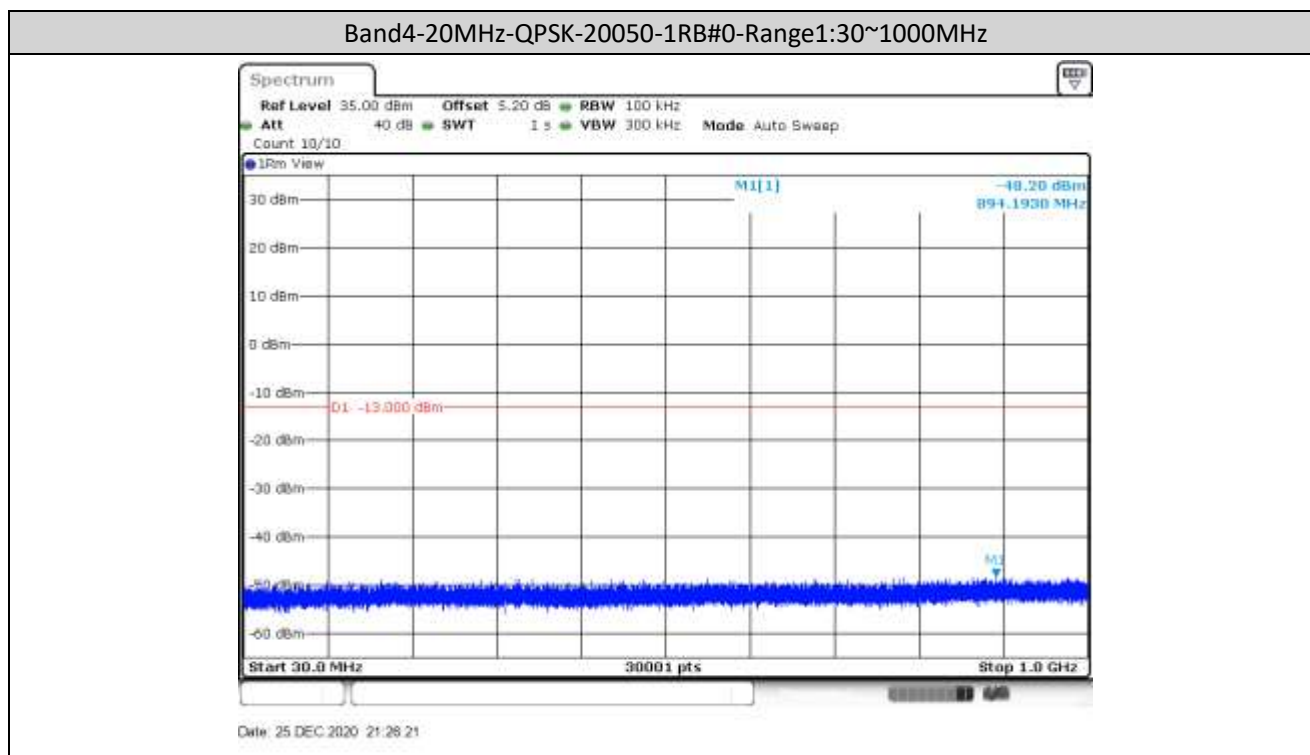
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

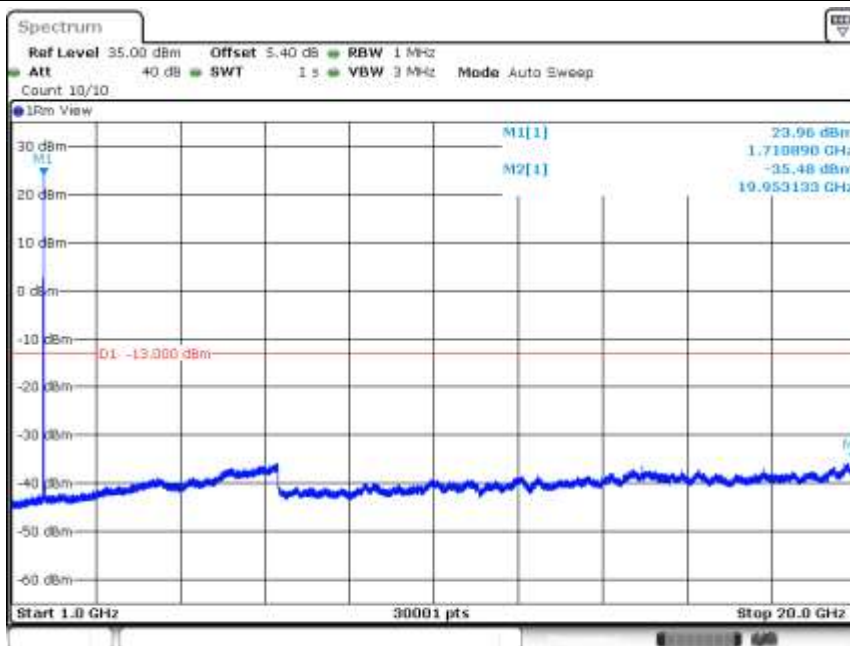


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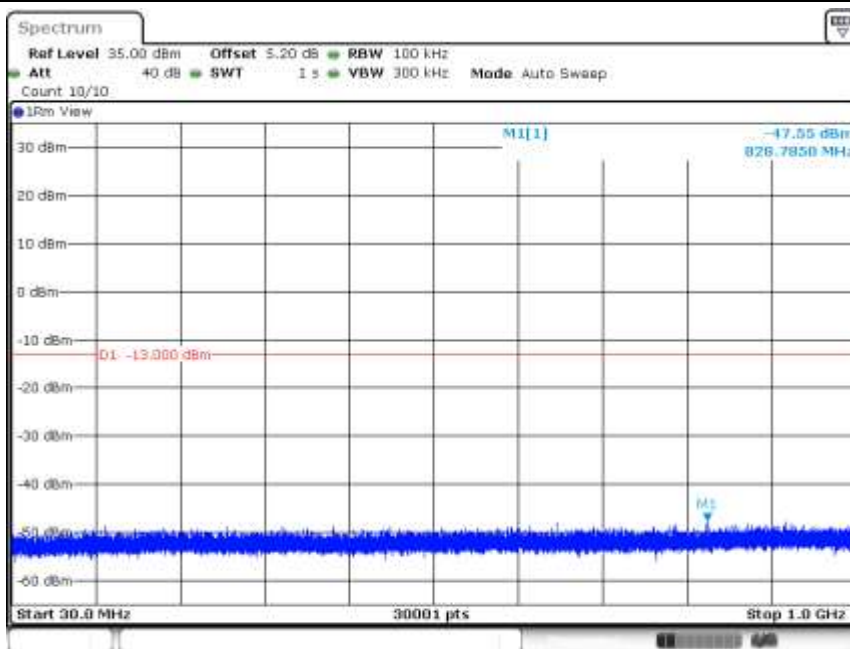
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Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 25 DEC 2020 21:28:38

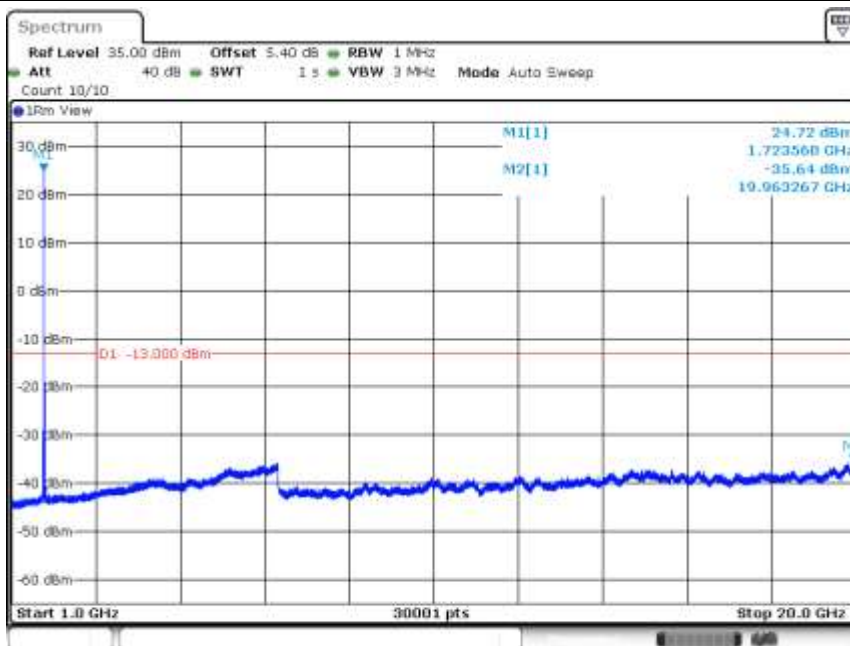
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Date: 25 DEC 2020 21:27:32

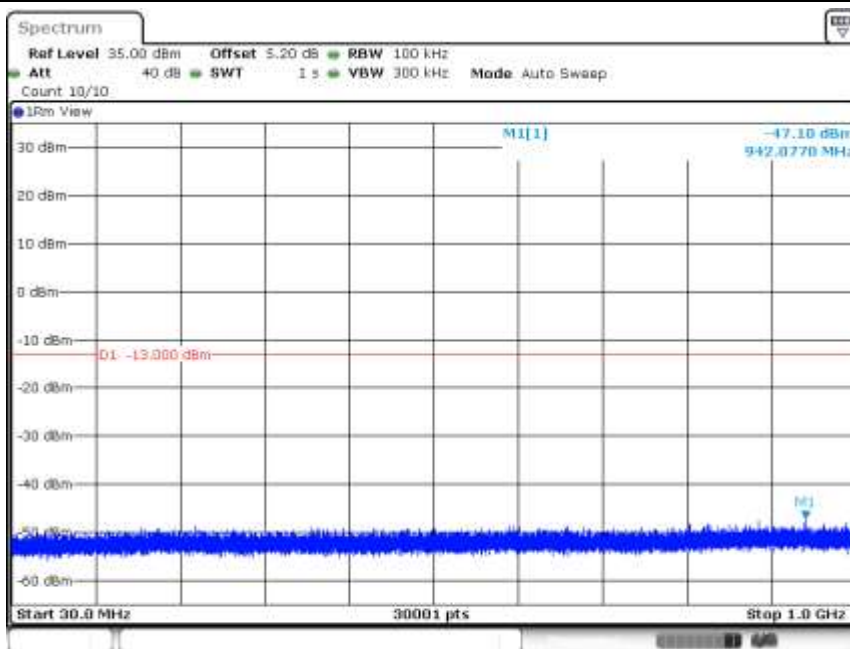


Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 25 DEC 2020 21:27:48

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



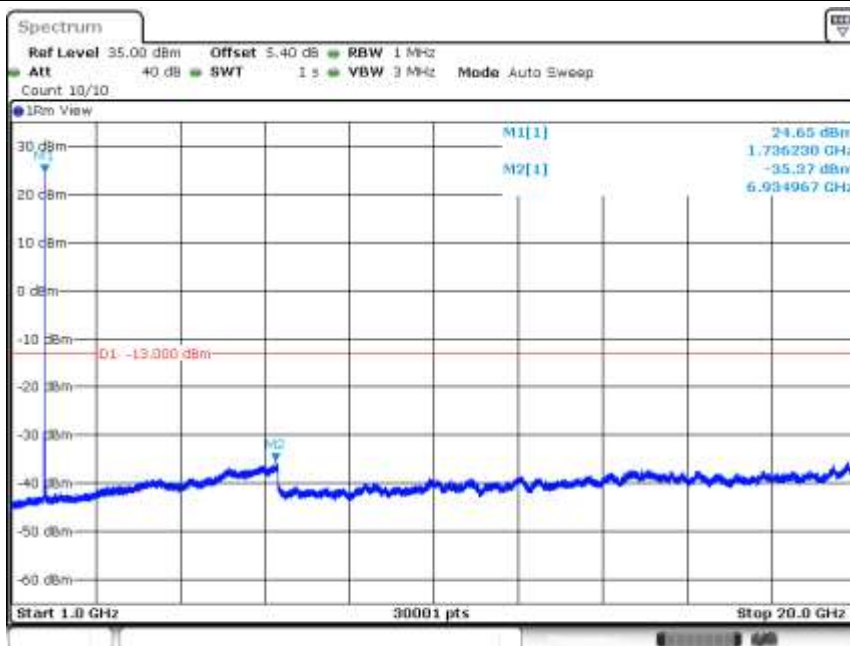
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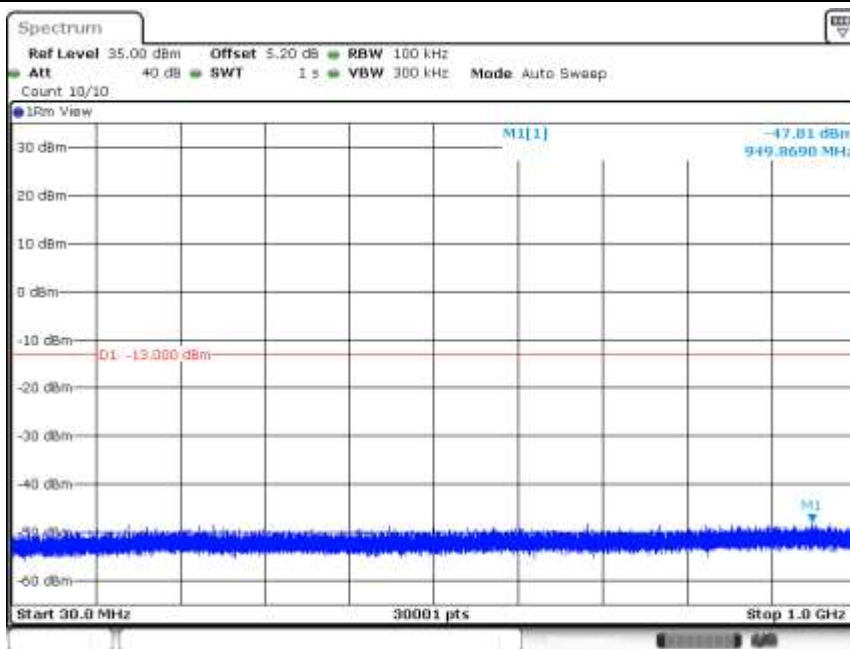
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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 25 DEC 2020 21:28:59

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



Date: 28 DEC 2020 08:41:23

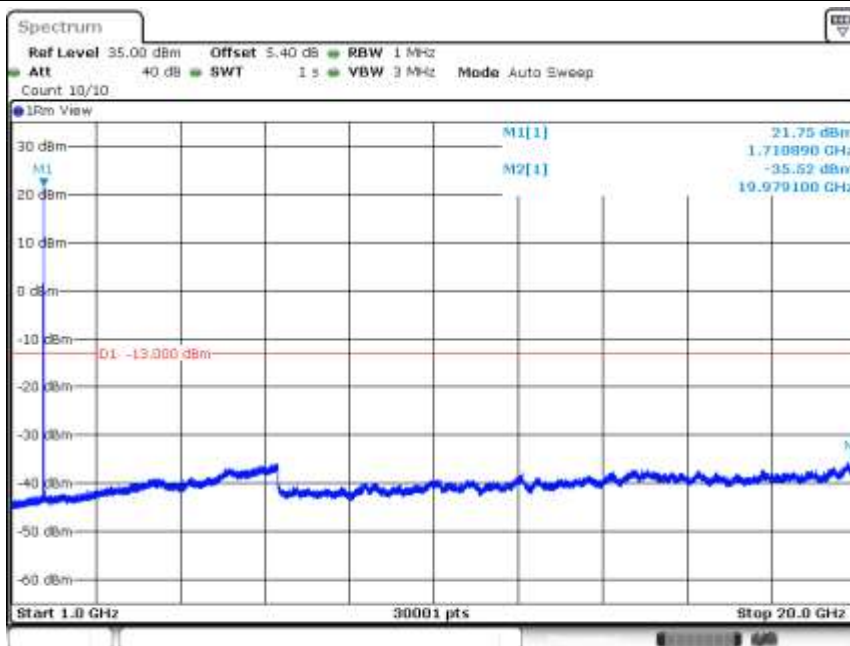


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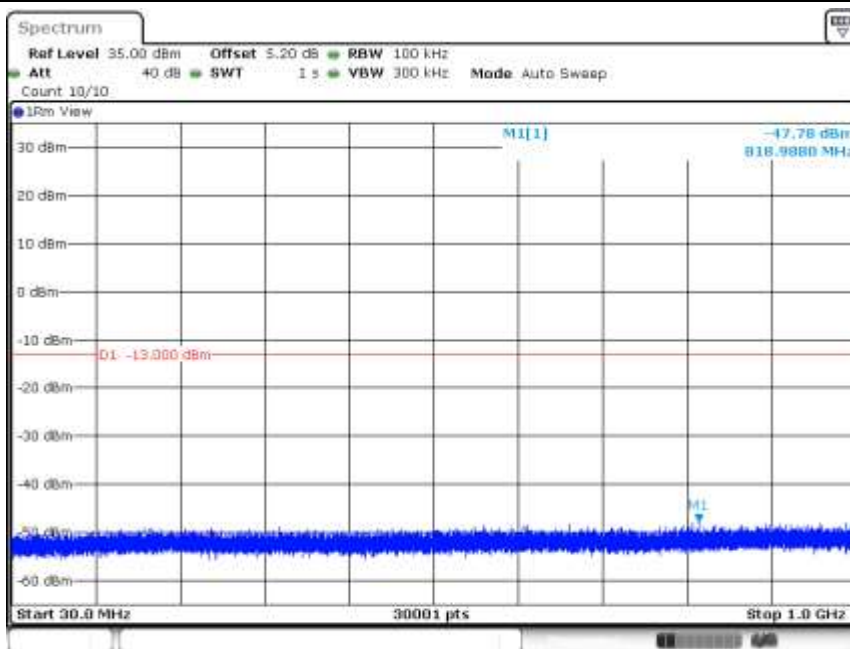
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 28 DEC 2020 08:41:40

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



Date: 28 DEC 2020 08:41:59



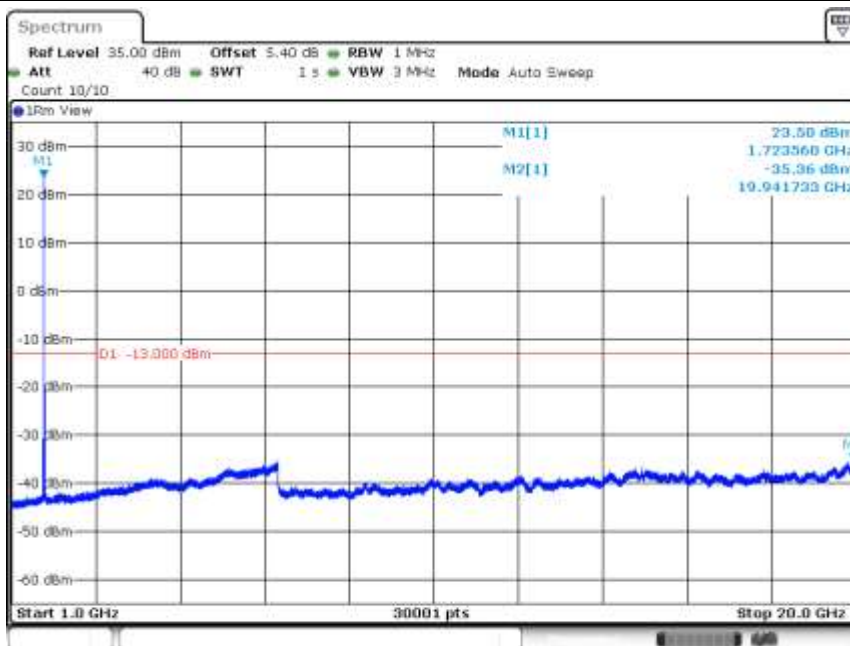
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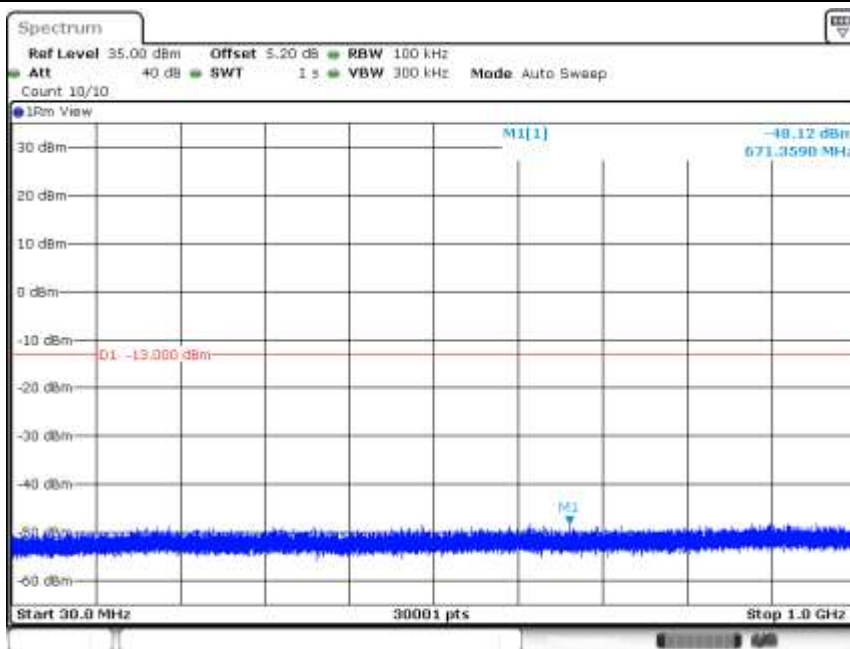
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 28 DEC 2020 08:42:15

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



Date: 28 DEC 2020 08:42:34



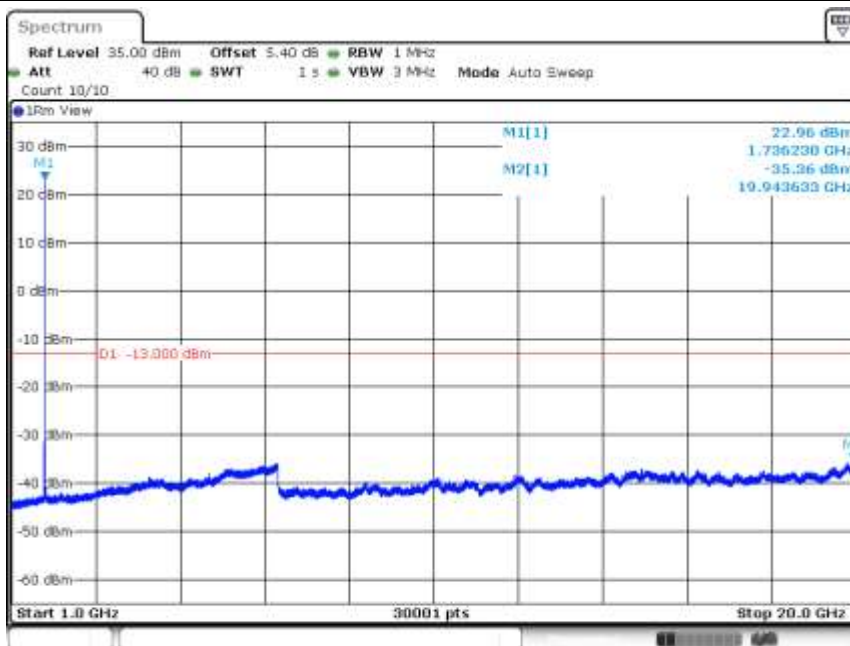
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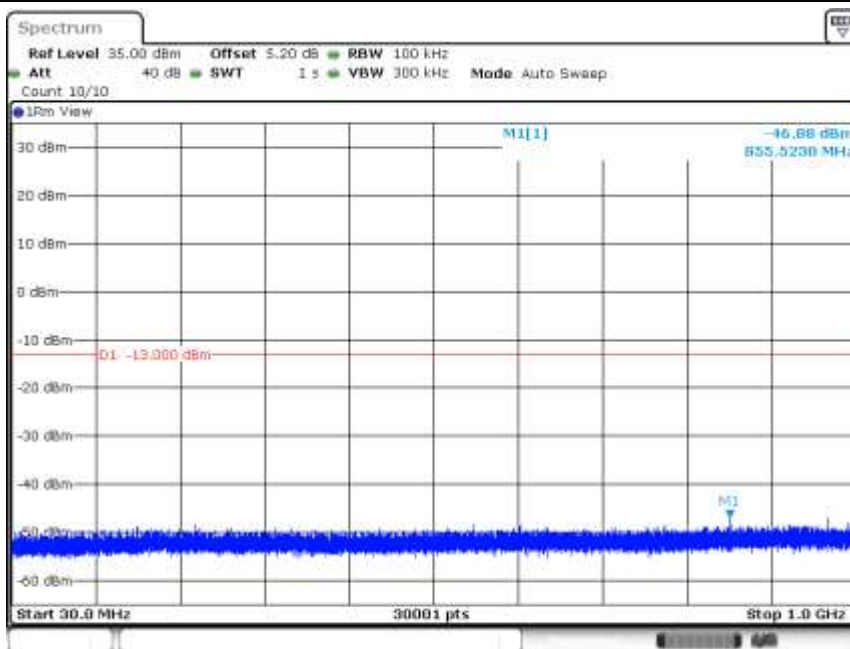
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 28 DEC 2020 08:42:51

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



Date: 25 DEC 2020 21:28:57



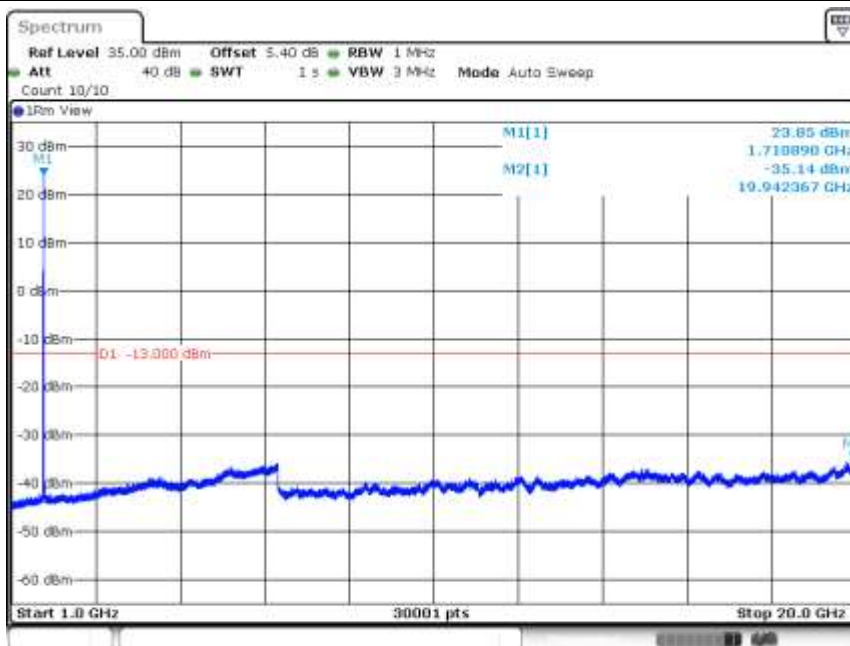
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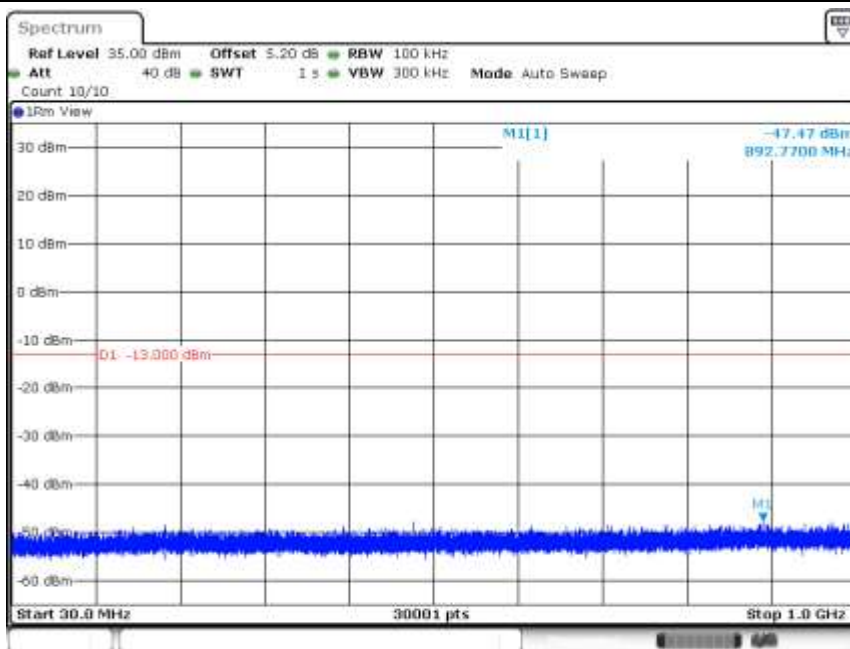
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 25 DEC 2020 21:27:13

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



Date: 25 DEC 2020 21:28:08

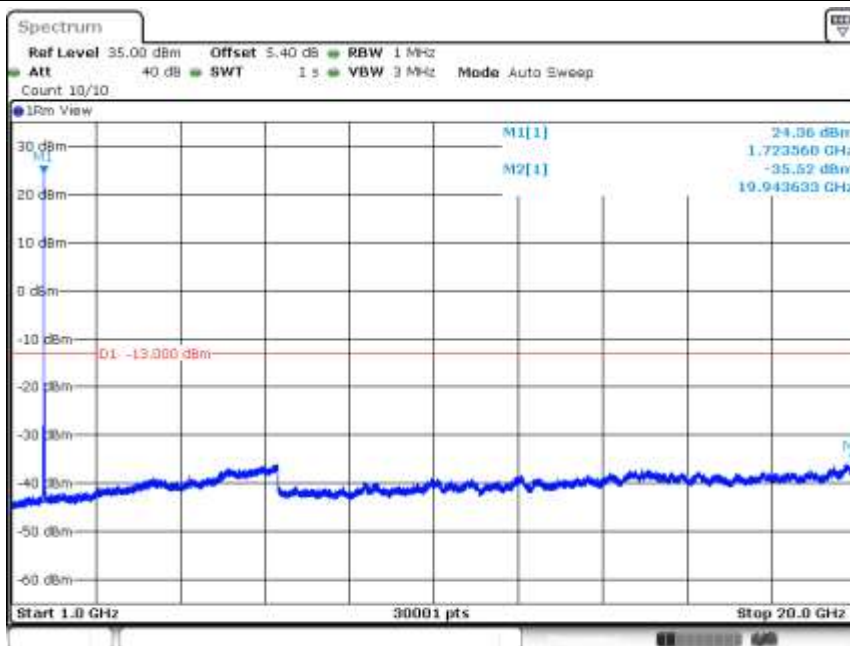


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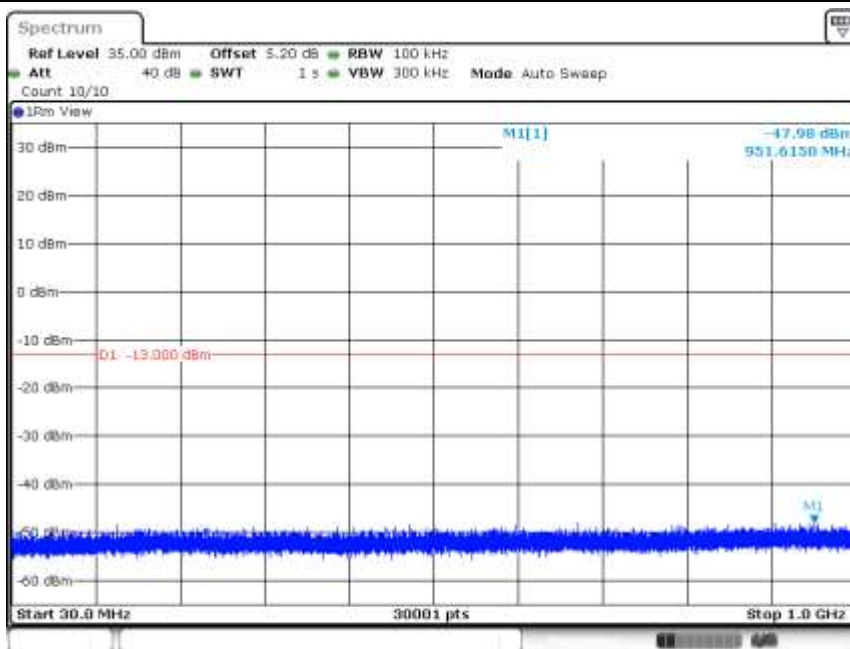
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 25 DEC 2020 21:28:24

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



Date: 25 DEC 2020 21:29:18

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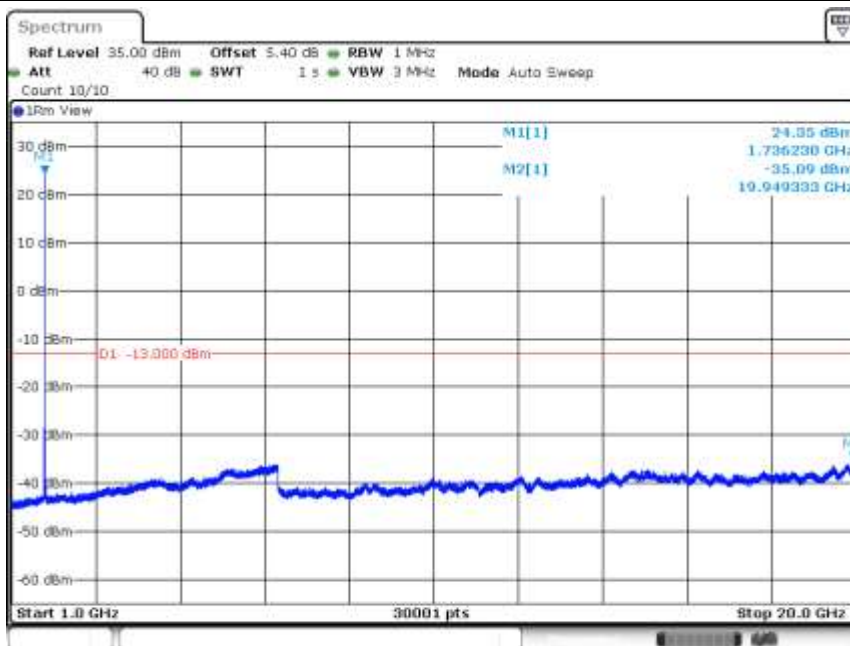
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Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_4_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.1627	-69.00	-62.02	-13.00	49.02	Horizontal
2	100.3285	-70.20	-74.70	-13.00	61.70	Horizontal
3	248.9399	-71.49	-68.90	-13.00	55.90	Horizontal
4	3166.0055	-52.02	-60.79	-13.00	47.79	Horizontal
5	7386.6462	-56.31	-56.40	-13.00	43.40	Horizontal
6	17997.499	-57.46	-44.38	-13.00	31.38	Horizontal



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7.2. Test Band = LTE_4_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.4066	-68.84	-74.38	-13.00	61.38	Vertical
2	110.1745	-70.99	-64.60	-13.00	51.60	Vertical
3	620.4685	-70.63	-63.06	-13.00	50.06	Vertical
4	3422.0141	-48.00	-59.14	-13.00	46.14	Vertical
5	7365.6455	-56.61	-56.08	-13.00	43.08	Vertical
6	17999.000	-57.99	-40.14	-13.00	27.14	Vertical



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7.3. Test Band = LTE_4_TM1 ANT 2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-69.66	-62.72	-13.00	49.72	Horizontal
2	99.9890	-71.06	-75.54	-13.00	62.54	Horizontal
3	237.1054	-70.86	-68.06	-13.00	55.06	Horizontal
4	3447.5149	-50.47	-60.11	-13.00	47.11	Horizontal
5	7451.6484	-56.15	-56.18	-13.00	43.18	Horizontal
6	16388.446	-58.58	-44.34	-13.00	31.34	Horizontal



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7.4. Test Band = LTE_4_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1156	-68.32	-73.57	-13.00	60.57	Vertical
2	107.1189	-70.24	-64.50	-13.00	51.50	Vertical
3	388.6269	-70.41	-67.20	-13.00	54.20	Vertical
4	3447.5149	-47.50	-58.29	-13.00	45.29	Vertical
5	7361.6454	-56.53	-56.00	-13.00	43.00	Vertical
6	17982.999	-57.19	-39.74	-13.00	26.74	Vertical



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7.5. Test Band = LTE_4_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.6520	-70.17	-63.53	-13.00	50.53	Horizontal
2	99.8920	-71.08	-75.58	-13.00	62.58	Horizontal
3	238.1724	-70.56	-67.76	-13.00	54.76	Horizontal
4	3472.5158	-49.02	-58.33	-13.00	45.33	Horizontal
5	7433.6478	-56.24	-56.28	-13.00	43.28	Horizontal
6	16376.945	-58.40	-44.36	-13.00	31.36	Horizontal



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7.6. Test Band = LTE_4_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1641	-68.19	-73.49	-13.00	60.49	Vertical
2	112.6481	-70.43	-64.25	-13.00	51.25	Vertical
3	585.0133	-70.52	-63.62	-13.00	50.62	Vertical
4	3472.0157	-47.21	-57.66	-13.00	44.66	Vertical
5	7333.1444	-56.56	-56.06	-13.00	43.06	Vertical
6	17997.499	-58.07	-40.25	-13.00	27.25	Vertical



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7.7. Test Band = LTE_4_TM1 ANT 3

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	37.1784	-69.32	-63.50	-13.00	50.50	Horizontal
2	91.6951	-70.35	-75.65	-13.00	62.65	Horizontal
3	245.8843	-70.97	-68.31	-13.00	55.31	Horizontal
4	3651.5217	-52.68	-61.01	-13.00	48.01	Horizontal
5	7393.1464	-56.97	-57.05	-13.00	44.05	Horizontal
6	16392.446	-59.50	-45.19	-13.00	32.19	Horizontal



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7.8. Test Band = LTE_4_TM1 ANT 3

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0970	-71.13	-75.38	-13.00	62.38	Vertical
2	114.0062	-70.97	-64.91	-13.00	51.91	Vertical
3	489.2210	-70.53	-66.18	-13.00	53.18	Vertical
4	3635.0212	-52.43	-61.61	-13.00	48.61	Vertical
5	7370.6457	-57.32	-56.79	-13.00	43.79	Vertical
6	17990.999	-58.69	-41.04	-13.00	28.04	Vertical



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7.9. Test Band = LTE_4_TM1 ANT 3

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2226	-70.30	-63.42	-13.00	50.42	Horizontal
2	101.3471	-70.34	-74.91	-13.00	61.91	Horizontal
3	231.8671	-70.93	-68.11	-13.00	55.11	Horizontal
4	3542.0181	-51.86	-60.44	-13.00	47.44	Horizontal
5	7479.1493	-57.17	-57.18	-13.00	44.18	Horizontal
6	16393.946	-59.24	-44.90	-13.00	31.90	Horizontal



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7.10. Test Band = LTE_4_TM1 ANT 3

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.3880	-70.61	-75.14	-13.00	62.14	Vertical
2	108.3314	-70.39	-64.37	-13.00	51.37	Vertical
3	623.1847	-70.11	-62.55	-13.00	49.55	Vertical
4	3709.0236	-52.51	-61.83	-13.00	48.83	Vertical
5	7412.1471	-56.93	-56.43	-13.00	43.43	Vertical
6	17998.500	-59.13	-41.29	-13.00	28.29	Vertical



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7.11. Test Band = LTE_4_TM1 ANT 3

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.4951	-69.91	-63.07	-13.00	50.07	Horizontal
2	86.0203	-70.40	-75.03	-13.00	62.03	Horizontal
3	234.8257	-71.19	-68.38	-13.00	55.38	Horizontal
4	3614.0205	-52.25	-60.40	-13.00	47.40	Horizontal
5	7444.6482	-57.08	-57.11	-13.00	44.11	Horizontal
6	16389.446	-59.36	-45.10	-13.00	32.10	Horizontal



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7.12. Test Band = LTE_4_TM1 ANT 3
7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0485	-71.03	-75.23	-13.00	62.23	Vertical
2	113.6182	-70.89	-64.80	-13.00	51.80	Vertical
3	379.9935	-71.19	-67.92	-13.00	54.92	Vertical
4	3635.5212	-52.80	-61.98	-13.00	48.98	Vertical
5	7349.1450	-56.83	-56.32	-13.00	43.32	Vertical
6	17998.500	-58.82	-40.98	-13.00	27.98	Vertical

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.
- 4 The whole testing has assessed Ant1 & Ant2 & Ant3 & Ant5, But only the worst data Ant2&Ant3 has be reported



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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	-8.20	-0.004767	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	5.10	0.002965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-0.90	-0.000523	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-7.60	-0.004387	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-7.80	-0.004502	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	4.80	0.002771	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-8.10	-0.004642	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.20	-0.001834	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	5.90	0.003430	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-1.80	-0.001047	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-1.10	-0.000635	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-6.50	-0.003752	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-8.30	-0.004791	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	2.00	0.001146	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.00	0.001744	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-9.90	-0.005756	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	3.10	0.001802	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	2.90	0.001674	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-1.70	-0.000981	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-8.10	-0.004675	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	3.70	0.002120	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-9.60	-0.005501	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-4.10	-0.002350	±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	-6.70	-0.003895	±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	-10	6.50	0.003779	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-6.30	-0.003663	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-5.10	-0.002965	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-2.50	-0.001453	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-7.60	-0.004419	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-7.80	-0.004535	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-6.20	-0.003579	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-7.50	-0.004329	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-8.90	-0.005137	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-5.30	-0.003059	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-6.80	-0.003925	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-4.60	-0.002655	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-5.30	-0.003059	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-8.10	-0.004675	±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	-20	-9.00	-0.005158	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-7.50	-0.004298	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-7.70	-0.004413	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.70	-0.002120	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-9.20	-0.005272	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	5.70	0.003266	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-11.20	-0.006418	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	1.80	0.001032	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	6.40	0.003721	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-4.50	-0.002616	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-9.50	-0.005523	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	5.60	0.003256	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-11.00	-0.006395	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-4.00	-0.002326	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-8.30	-0.004826	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	1.50	0.000872	±2.5	PASS



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Band4	20MHz	64QAM	20050	100RB#0	NV	50	3.90	0.002267	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	2.10	0.001212	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	-3.10	-0.001789	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-9.20	-0.005310	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-5.10	-0.002944	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	4.50	0.002597	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	5.50	0.003175	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	7.00	0.004040	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	4.00	0.002309	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-7.00	-0.004011	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	3.90	0.002235	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-5.10	-0.002923	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-9.40	-0.005387	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-4.50	-0.002579	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-10.80	-0.006189	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	5.50	0.003152	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-5.40	-0.003095	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-0.60	-0.000349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	2.70	0.001570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-3.10	-0.001802	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-6.30	-0.003663	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-3.40	-0.001977	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-6.30	-0.003663	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-3.70	-0.002151	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-10.00	-0.005772	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	5.50	0.003175	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	7.40	0.004271	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-10.20	-0.005887	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	1.60	0.000924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-2.20	-0.001270	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	6.60	0.003810	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	3.00	0.001732	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	5.30	0.003037	±2.5	PASS



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Band4	20MHz	16QAM	20300	100RB#0	NV	-20	3.00	0.001719	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	2.00	0.001146	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	4.50	0.002579	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-7.40	-0.004241	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-8.90	-0.005100	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-5.50	-0.003152	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-8.20	-0.004699	±2.5	PASS



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