



Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT8:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.75	21.04	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.77	21.06	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.71	21.00	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.66	20.95	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.74	21.03	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.67	20.96	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.73	20.02	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.52	20.81	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.58	20.87	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.45	20.74	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.56	20.85	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.58	20.87	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.59	20.88	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.65	19.94	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.48	20.77	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.47	20.76	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.46	20.75	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.58	20.87	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.57	20.86	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.49	20.78	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.59	19.88	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.29	20.58	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.11	20.40	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.26	20.55	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.85	20.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.78	20.07	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.62	19.91	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.12	19.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.87	20.16	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.09	20.38	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.00	20.29	30.00	PASS



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Band4	1.4MHz	16QAM	20175	3RB#0	21.76	20.05	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.95	20.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.76	20.05	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.71	19.00	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.45	19.74	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.80	20.09	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.24	20.53	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.49	19.78	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.62	19.91	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.46	19.75	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.61	18.90	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.96	19.25	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.14	19.43	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.32	19.61	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.00	19.29	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.17	19.46	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.27	19.56	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.79	18.08	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.93	19.22	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.79	19.08	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.87	19.16	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.89	19.18	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.77	19.06	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.84	19.13	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.76	18.05	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.20	19.49	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.76	19.05	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.67	18.96	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.18	19.47	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.74	19.03	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.65	18.94	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.62	17.91	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.75	21.04	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.59	20.88	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.64	20.93	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.87	20.16	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.92	20.21	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.77	20.06	30.00	PASS



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Band4	3MHz	QPSK	19965	15RB#0	21.82	20.11	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.62	20.91	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.69	20.98	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.64	20.93	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.74	20.03	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.83	20.12	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.78	20.07	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.76	20.05	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.61	20.90	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.50	20.79	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.43	20.72	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.63	19.92	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.62	19.91	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.62	19.91	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.62	19.91	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.73	20.02	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.51	20.80	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.02	20.31	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.92	19.21	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.85	19.14	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.90	19.19	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.87	19.16	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.07	20.36	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.71	20.00	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.00	20.29	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.58	18.87	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.84	19.13	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.77	19.06	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.78	19.07	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.92	20.21	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.70	19.99	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.69	19.98	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.67	18.96	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.73	19.02	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.38	18.67	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.67	18.96	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.95	19.24	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.19	19.48	30.00	PASS



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Band4	3MHz	64QAM	19965	1RB#14	21.22	19.51	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.87	18.16	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.75	18.04	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.69	17.98	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.77	18.06	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.91	19.20	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.74	19.03	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.87	19.16	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	19.81	18.10	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.88	18.17	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.61	17.90	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.80	18.09	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.16	19.45	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.74	19.03	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.66	18.95	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.66	17.95	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.53	17.82	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.50	17.79	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.61	17.90	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.90	21.19	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.79	21.08	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.87	21.16	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.87	20.16	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.92	20.21	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.84	20.13	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.88	20.17	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.80	21.09	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.51	20.80	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.60	20.89	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.83	20.12	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.78	20.07	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.71	20.00	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.67	19.96	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.54	20.83	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.64	20.93	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.52	20.81	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.65	19.94	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.71	20.00	30.00	PASS



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Band4	5MHz	QPSK	20375	12RB#13	21.64	19.93	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.70	19.99	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.35	20.64	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.30	20.59	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.87	20.16	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.92	19.21	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.98	19.27	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.91	19.20	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.94	19.23	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.24	20.53	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.18	20.47	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.14	20.43	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.91	19.20	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.70	18.99	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.72	19.01	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.81	19.10	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.88	20.17	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.83	20.12	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.84	20.13	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.70	18.99	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.78	19.07	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.73	19.02	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.65	18.94	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.99	19.28	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.18	19.47	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.28	19.57	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.87	18.16	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.74	18.03	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.67	17.96	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.79	18.08	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.94	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.76	19.05	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.84	19.13	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	19.82	18.11	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.85	18.14	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.61	17.90	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.76	18.05	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.16	19.45	30.00	PASS



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Band4	5MHz	64QAM	20375	1RB#12	20.75	19.04	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.64	18.93	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.66	17.95	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.55	17.84	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.51	17.80	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.59	17.88	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.82	21.11	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.82	21.11	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.46	20.75	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.97	20.26	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.87	20.16	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.83	20.12	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.84	20.13	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.75	21.04	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.76	21.05	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.43	20.72	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.84	20.13	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.88	20.17	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.75	20.04	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.88	20.17	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.51	20.80	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.58	20.87	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.41	20.70	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.73	20.02	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.70	19.99	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.65	19.94	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.59	19.88	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.00	20.29	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.98	20.27	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.17	20.46	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.92	19.21	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.84	19.13	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.93	19.22	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.92	19.21	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.04	20.33	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.20	20.49	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.29	20.58	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.80	19.09	30.00	PASS



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Band4	10MHz	16QAM	20175	25RB#12	20.82	19.11	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.69	18.98	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.83	19.12	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.71	20.00	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.20	20.49	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.79	20.08	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.67	18.96	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.76	19.05	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.81	19.10	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.70	18.99	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.98	19.27	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.17	19.46	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.20	19.49	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.89	18.18	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.75	18.04	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.65	17.94	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.78	18.07	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.92	19.21	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.76	19.05	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.86	19.15	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	19.79	18.08	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.85	18.14	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.58	17.87	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.78	18.07	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.18	19.47	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.78	19.07	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.66	18.95	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.68	17.97	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.54	17.83	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.49	17.78	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.62	17.91	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.81	21.10	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.68	20.97	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.50	20.79	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.73	20.02	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.95	20.24	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.74	20.03	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.90	20.19	30.00	PASS



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Band4	15MHz	QPSK	20175	1RB#0	22.65	20.94	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.53	20.82	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.64	20.93	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.79	20.08	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.67	19.96	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.68	19.97	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.79	20.08	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.66	20.95	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.57	20.86	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.88	22.17	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.61	19.90	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.68	19.97	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.67	19.96	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.69	19.98	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.16	20.45	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.27	20.56	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.51	19.80	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.82	19.11	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.82	19.11	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.71	19.00	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.70	18.99	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.99	20.28	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.00	20.29	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.52	19.81	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.76	19.05	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.61	18.90	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.58	18.87	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.79	19.08	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.74	20.03	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.08	20.37	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.52	19.81	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.56	18.85	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.70	18.99	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.64	18.93	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.59	18.88	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.98	19.27	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.17	19.46	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.31	19.60	30.00	PASS



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Band4	15MHz	64QAM	20025	38RB#0	19.89	18.18	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	19.76	18.05	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	19.68	17.97	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.79	18.08	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.90	19.19	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.78	19.07	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.85	19.14	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	19.81	18.10	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	19.84	18.13	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	19.62	17.91	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.79	18.08	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.20	19.49	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.77	19.06	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.67	18.96	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	19.67	17.96	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	19.56	17.85	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	19.47	17.76	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.61	17.90	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.90	21.19	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.59	20.88	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.22	20.51	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.91	20.20	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.83	20.12	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.82	20.11	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.84	20.13	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.82	21.11	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.50	20.79	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.50	20.79	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.82	20.11	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.64	19.93	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.60	19.89	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.77	20.06	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.65	20.94	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.57	20.86	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.01	21.30	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.00	20.29	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.66	19.95	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.60	19.89	30.00	PASS



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Band4	20MHz	QPSK	20300	100RB#0	21.58	19.87	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.05	20.34	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.24	20.53	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.87	21.16	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.96	19.25	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.84	19.13	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.74	19.03	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.85	19.14	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.99	20.28	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.84	20.13	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.94	20.23	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.87	19.16	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.93	19.22	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.67	18.96	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.86	19.15	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.25	20.54	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.83	20.12	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.74	20.03	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.75	19.04	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.62	18.91	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.57	18.86	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.69	18.98	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.97	19.26	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.16	19.45	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.41	19.70	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.87	18.16	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.77	18.06	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.66	17.95	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.78	18.07	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.94	19.23	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.74	19.03	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.89	19.18	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.77	18.06	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.85	18.14	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.59	17.88	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.77	18.06	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.20	19.49	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.76	19.05	30.00	PASS



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Band4	20MHz	64QAM	20300	1RB#99	20.68	18.97	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.67	17.96	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.57	17.86	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.49	17.78	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.63	17.92	30.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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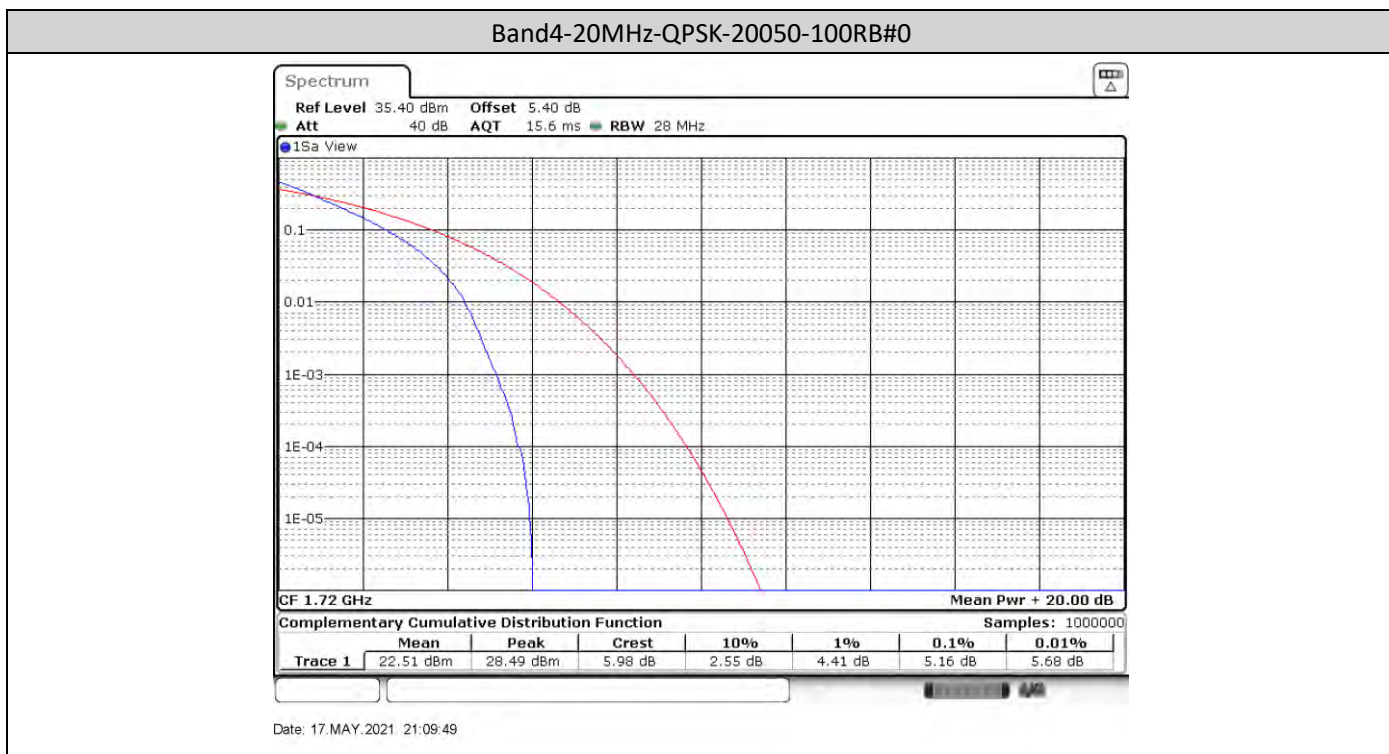


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.16	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.28	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.30	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.06	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.09	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.03	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.09	13	PASS

2.2. Test Plots

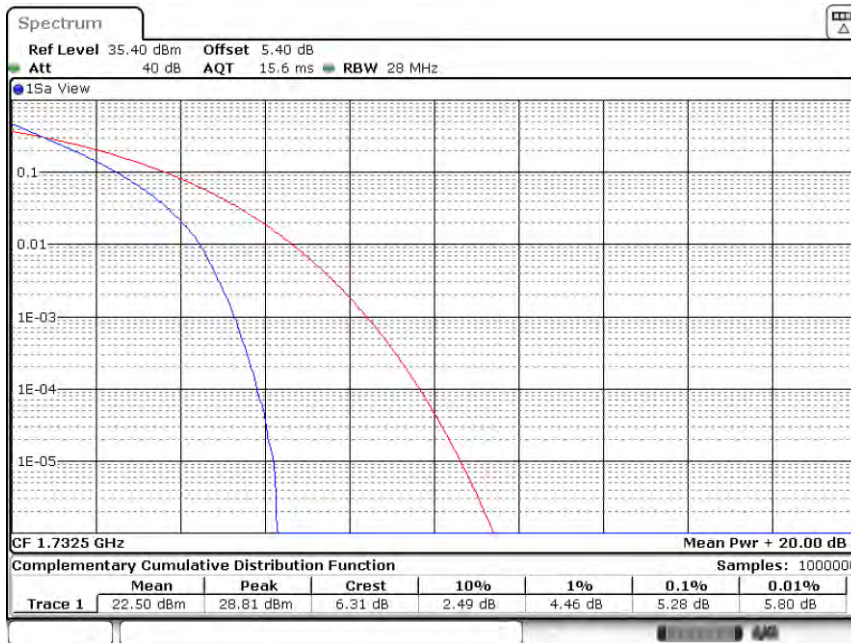


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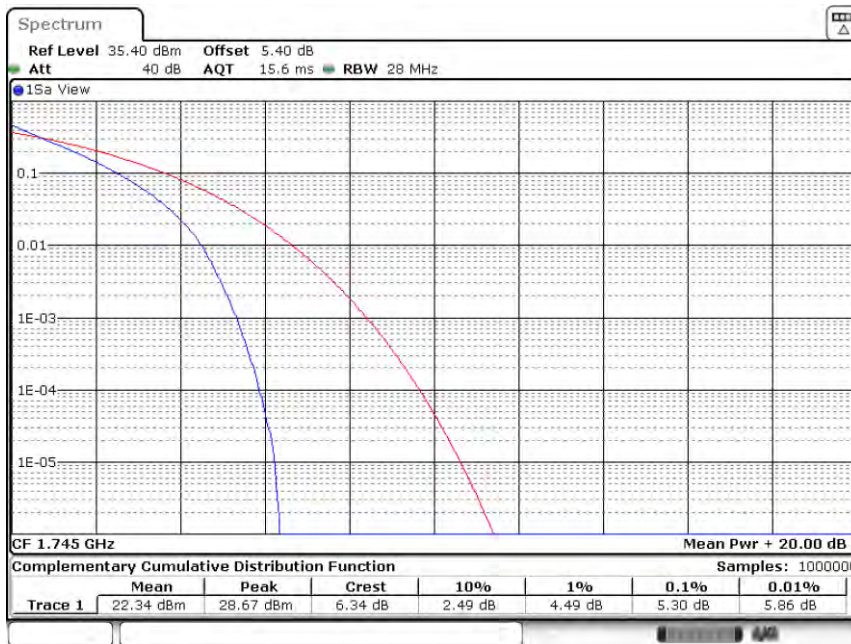
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Band4-20MHz-QPSK-20175-100RB#0



Date: 17.MAY.2021 21:10:11

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



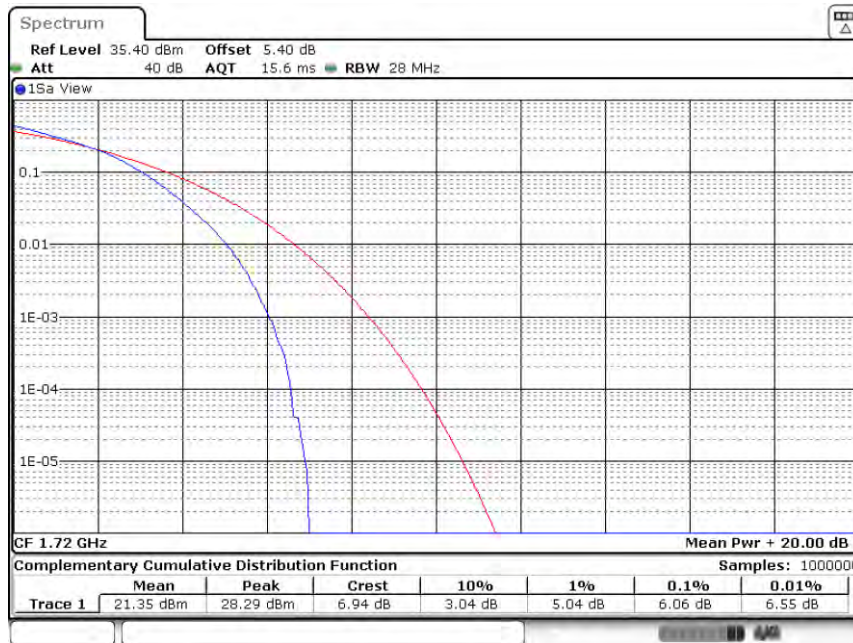
Date: 17.MAY.2021 21:10:33



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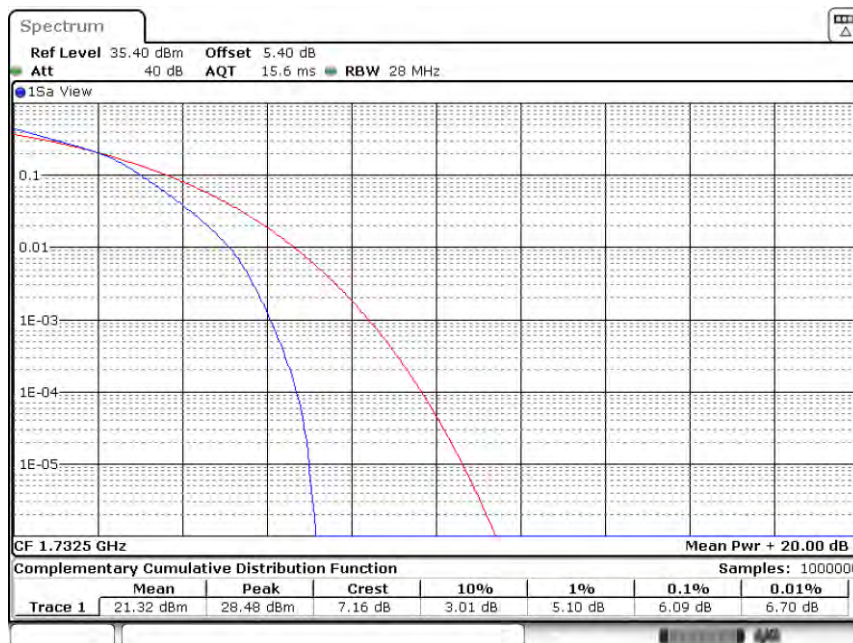
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Band4-20MHz-64QAM-20050-100RB#0



Date: 18 MAY 2021 01:25:38

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

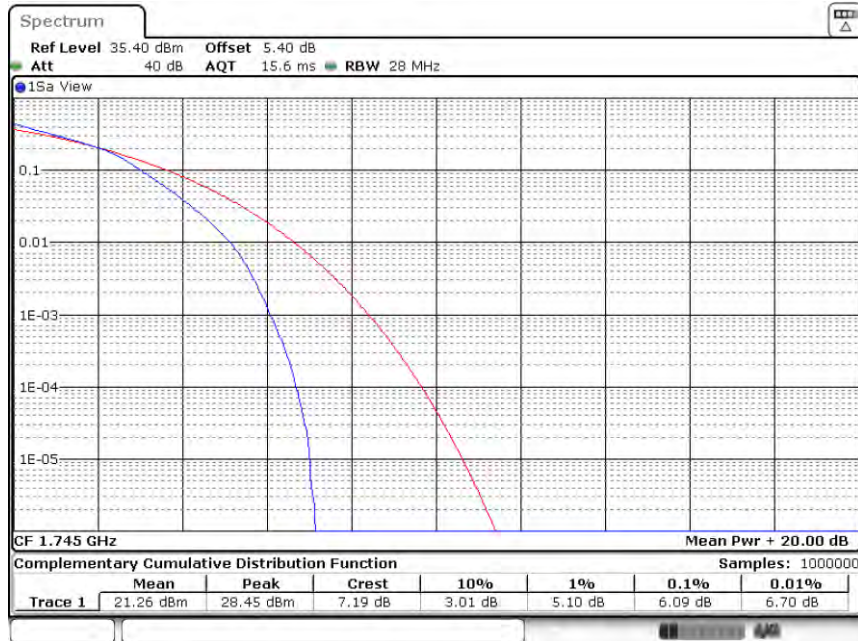


Date: 18 MAY 2021 01:25:50



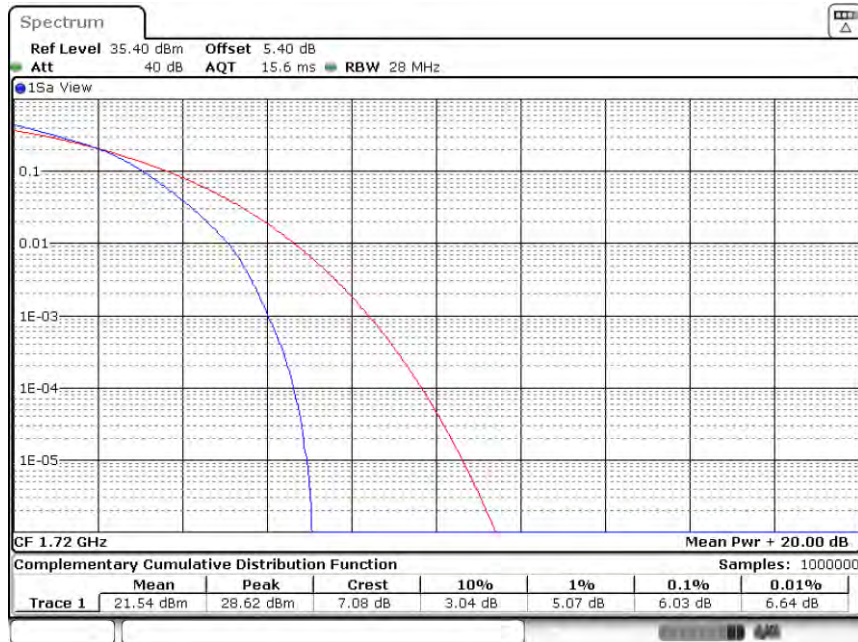
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Band4-20MHz-64QAM-20300-100RB#0



Date: 18.MAY.2021 01:26:01

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



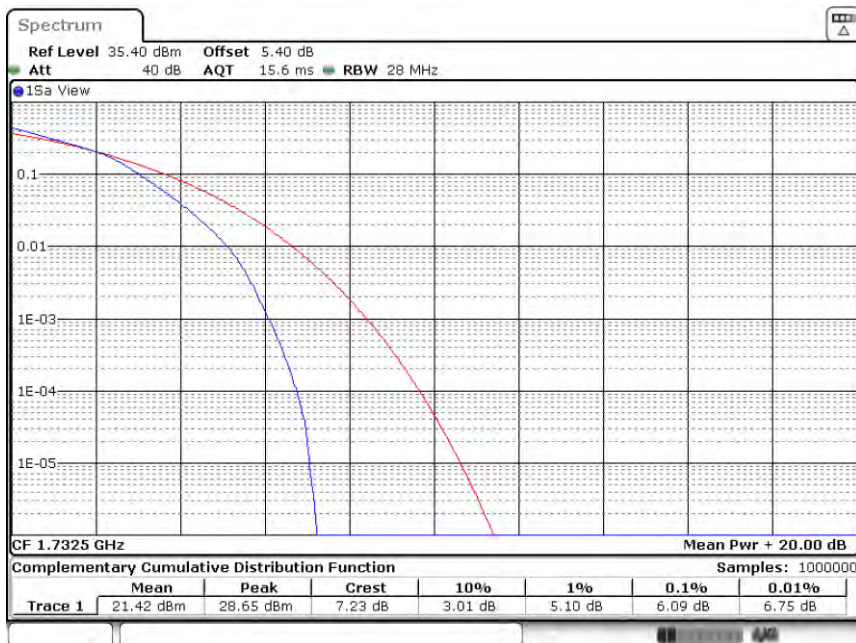
Date: 17.MAY.2021 21:10:00



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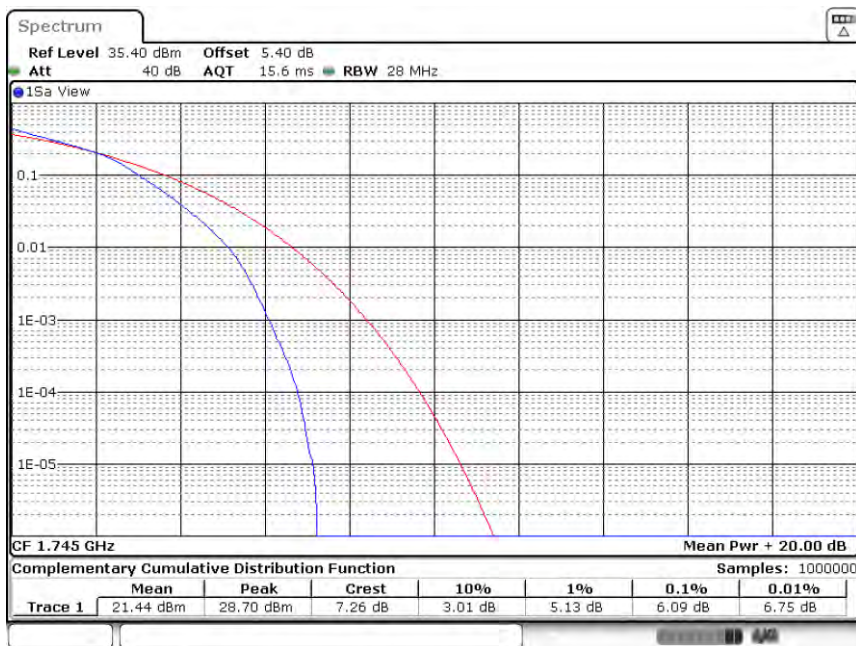


Band4-20MHz-16QAM-20175-100RB#0



Date: 17.MAY.2021 21:10:22

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



Date: 17.MAY.2021 21:10:45

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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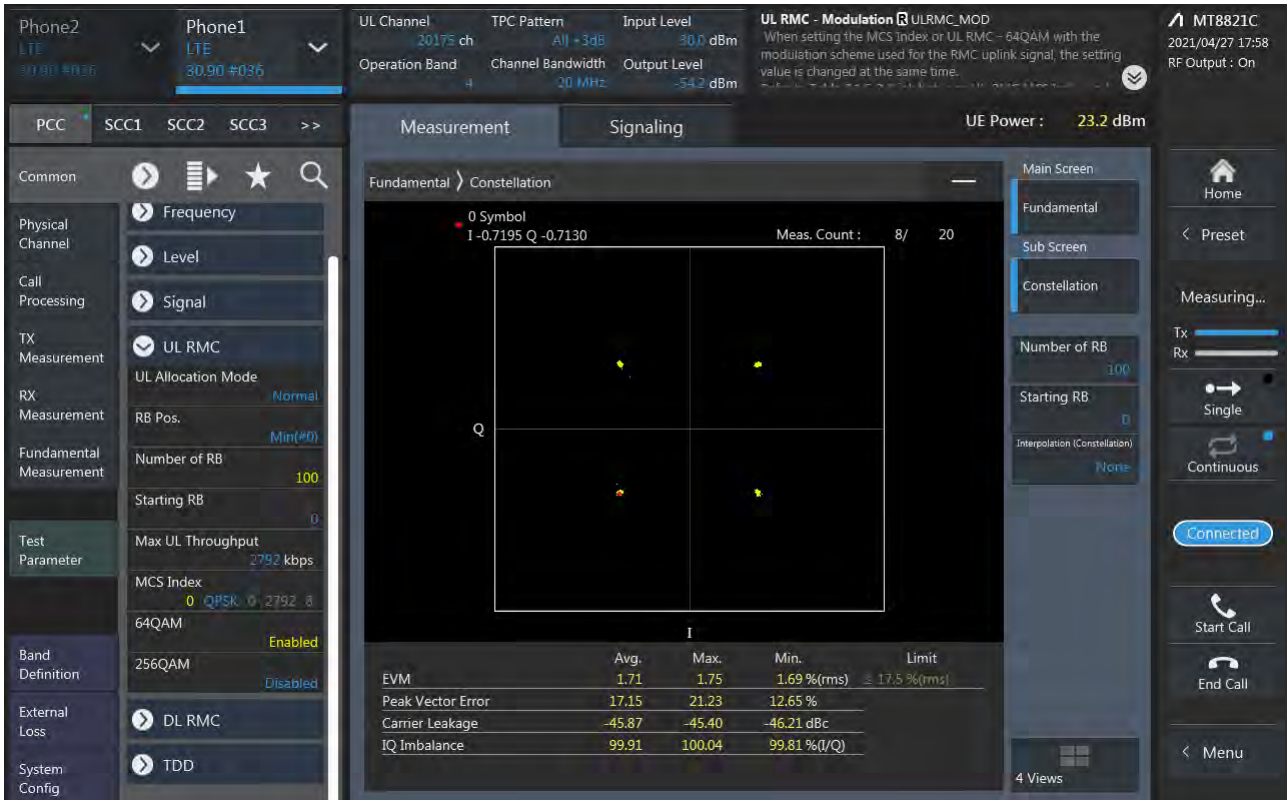
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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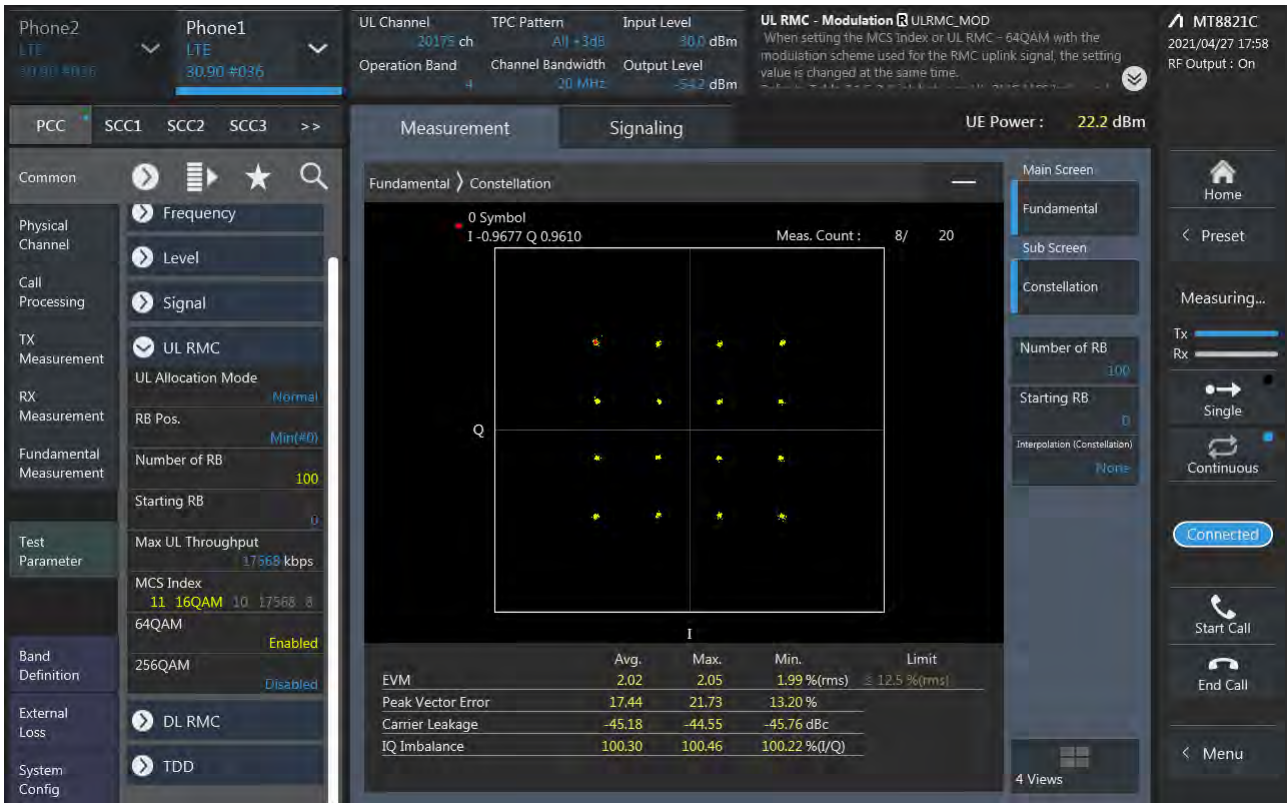
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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

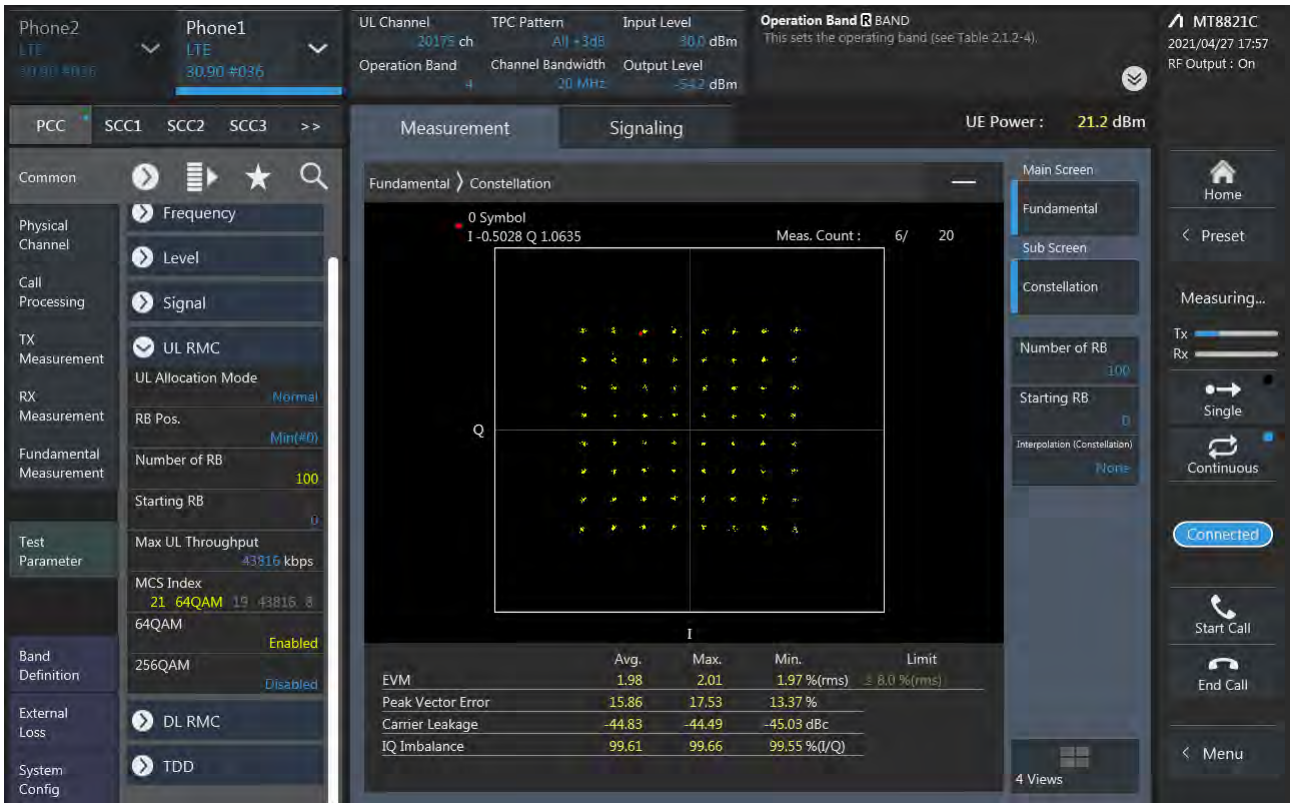


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3.3. Test Mode = LTE /TM3 20MHz

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	1.091	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.224	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.085	1.242	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.085	1.236	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.239	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.236	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.697	3.012	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.006	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.697	3.018	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.994	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.988	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	2.982	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.976	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.900	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.920	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.920	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.940	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.950	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.940	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.930	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.476	4.920	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.920	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.951	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.720	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.720	PASS



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Band4	10MHz	64QAM	20175	50RB#0	8.951	9.720	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.740	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.720	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.951	9.680	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.680	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.850	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.700	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	14.820	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.487	14.730	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.730	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.790	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.902	19.400	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.942	19.520	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.360	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.902	19.400	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.902	19.480	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.400	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.902	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.480	PASS

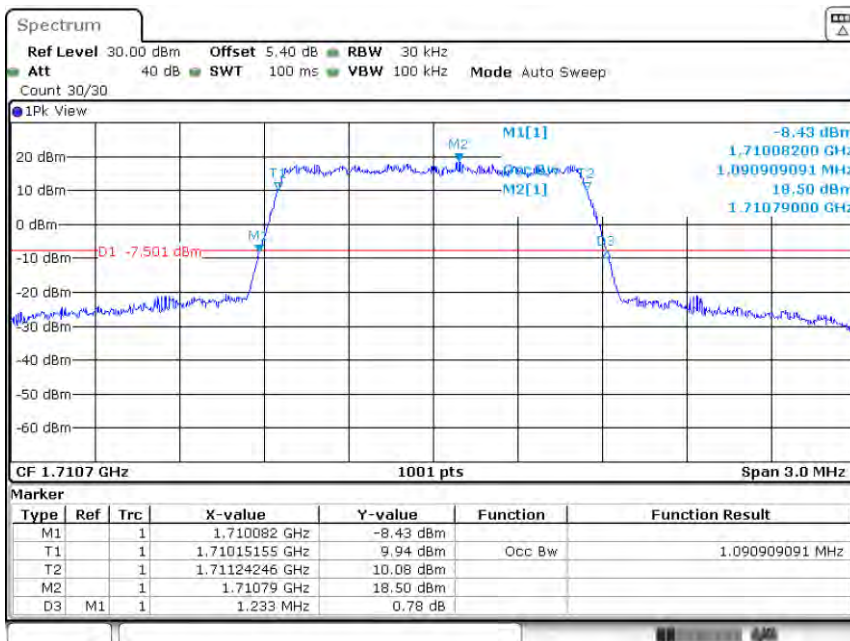


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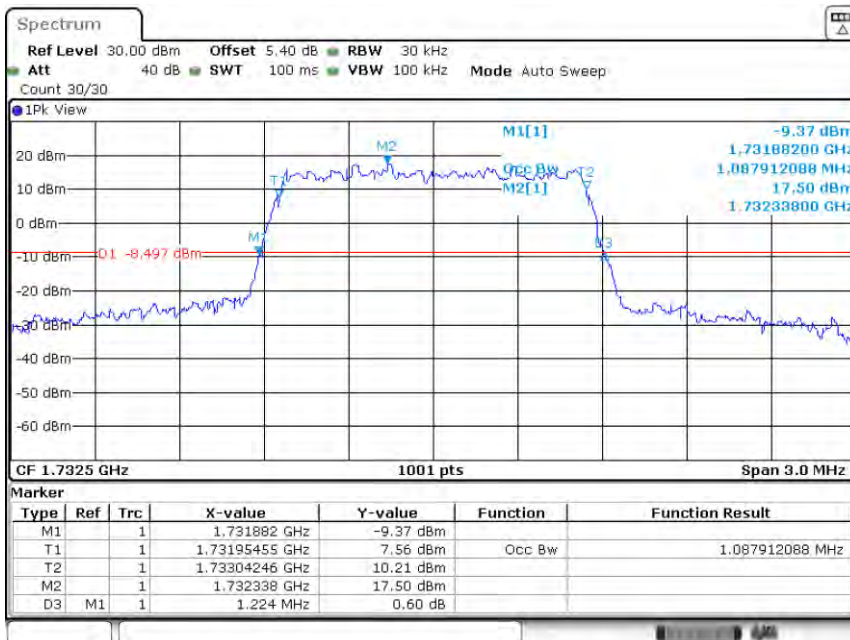
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4.2. Test Plots

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

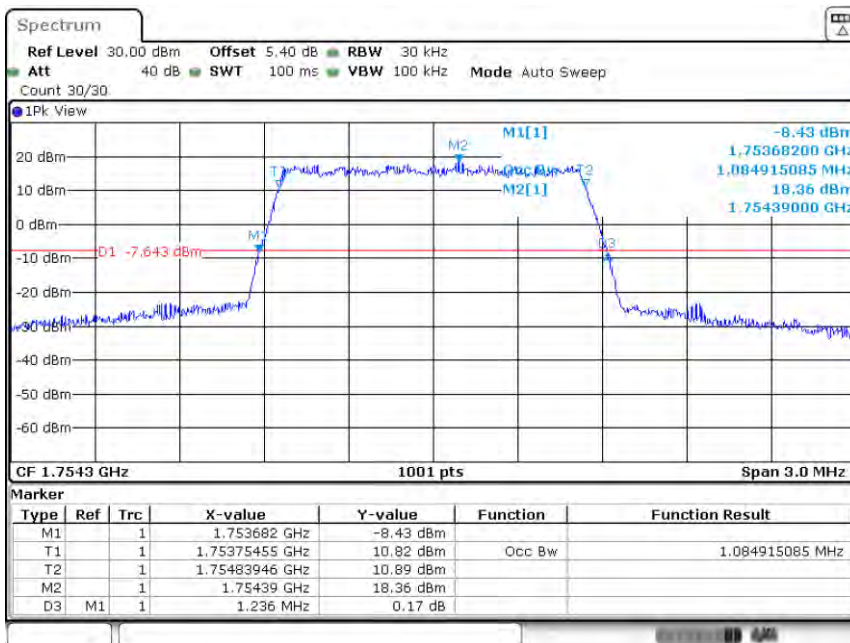


Band4-1.4MHz-QPSK-20175-6RB#0-1.088



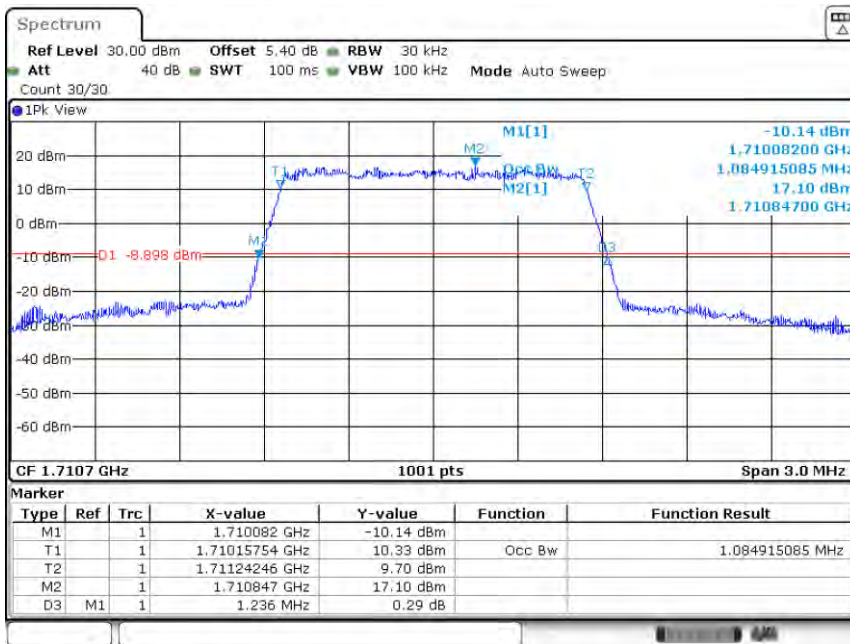
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Band4-1.4MHz-QPSK-20393-6RB#0-1.085



Date: 17.MAY.2021 20:39:27

Band4-1.4MHz-64QAM-19957-6RB#0-1.085

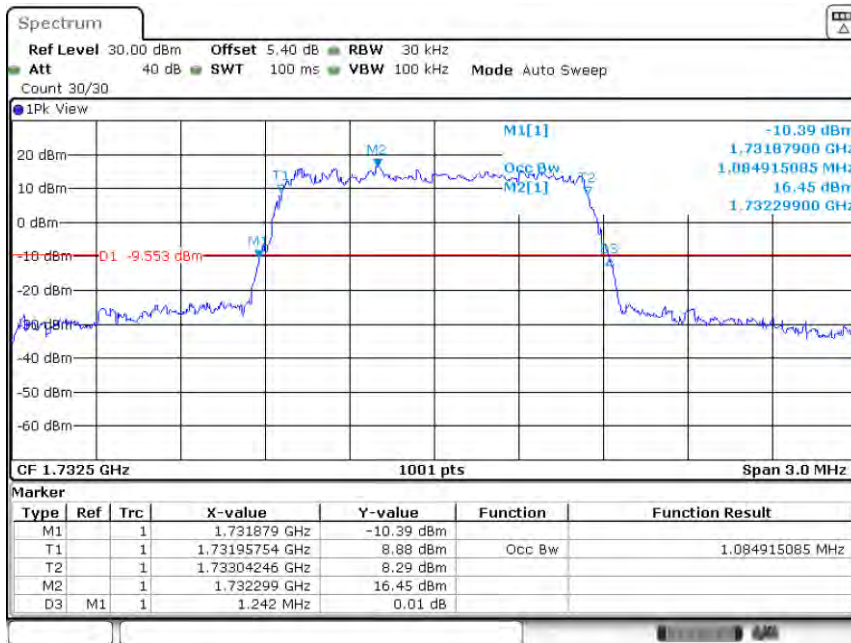


Date: 18.MAY.2021 01:09:10



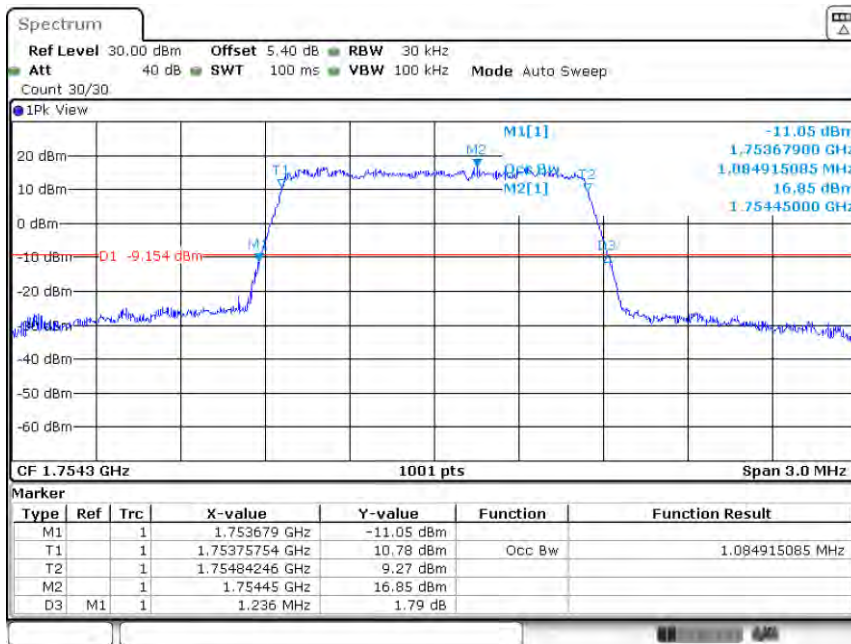
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Band4-1.4MHz-64QAM-20175-6RB#0-1.085



Date: 18 MAY.2021 01:09:23

Band4-1.4MHz-64QAM-20393-6RB#0-1.085

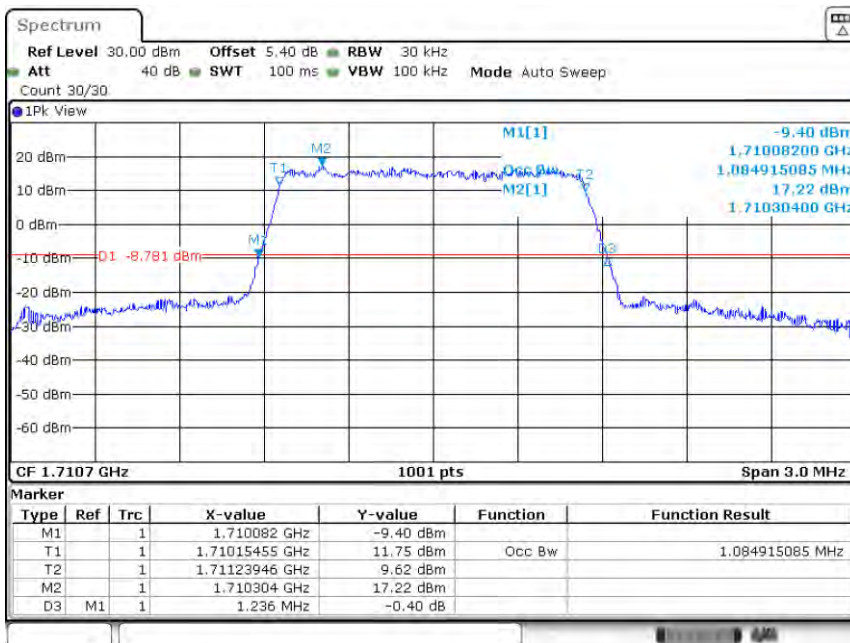


Date: 18 MAY.2021 01:09:36



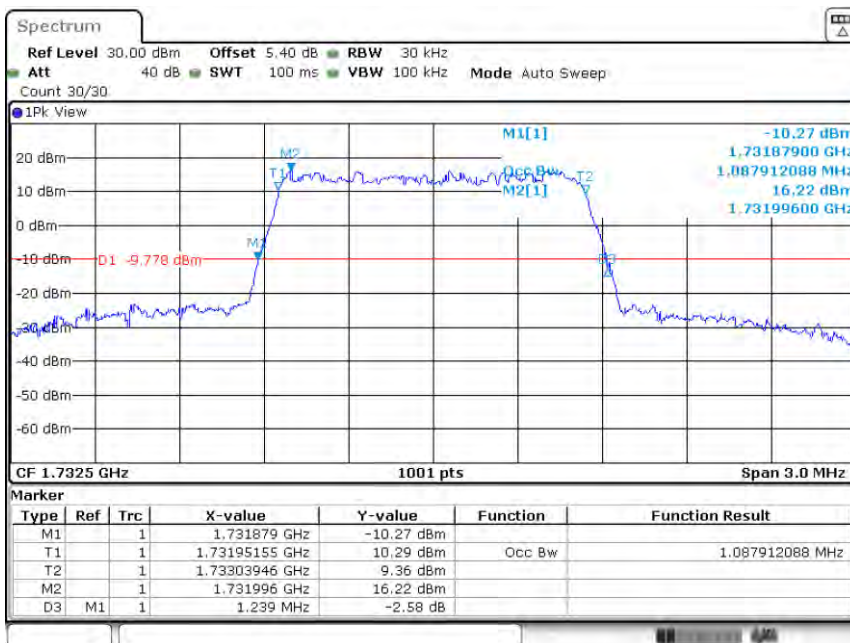
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Band4-1.4MHz-16QAM-19957-6RB#0-1.085



Date: 17.MAY.2021 20:38:49

Band4-1.4MHz-16QAM-20175-6RB#0-1.088



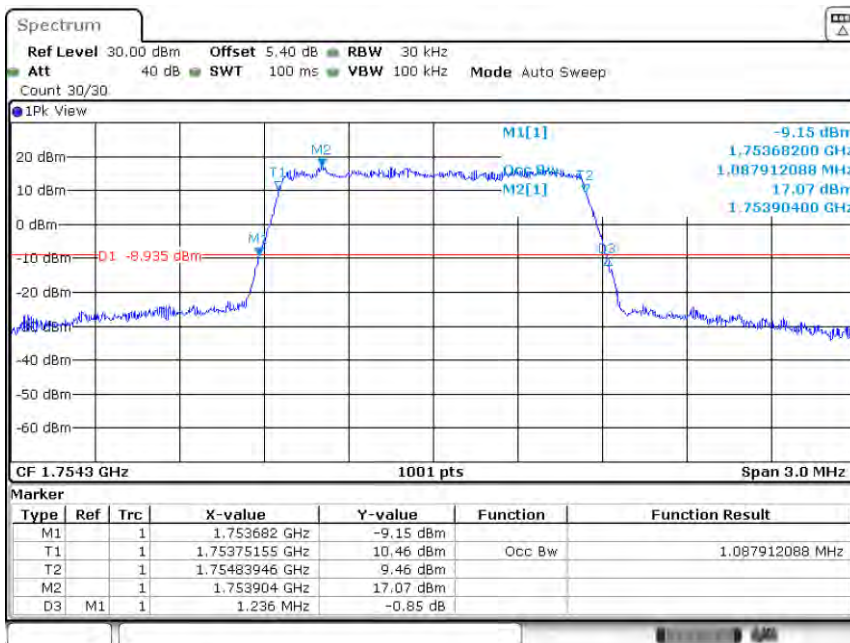
Date: 17.MAY.2021 20:39:14



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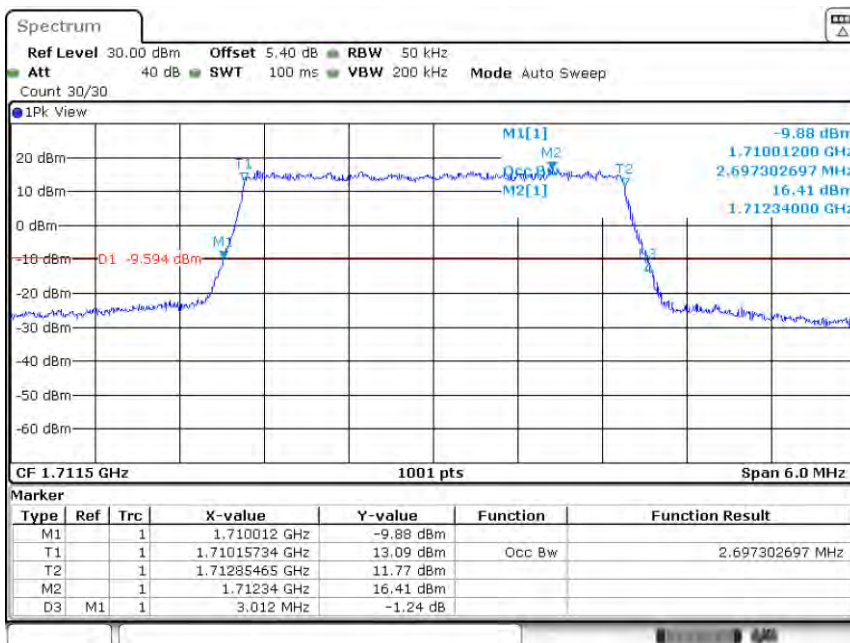


Band4-1.4MHz-16QAM-20393-6RB#0-1.088



Date: 17.MAY.2021 20:39:40

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



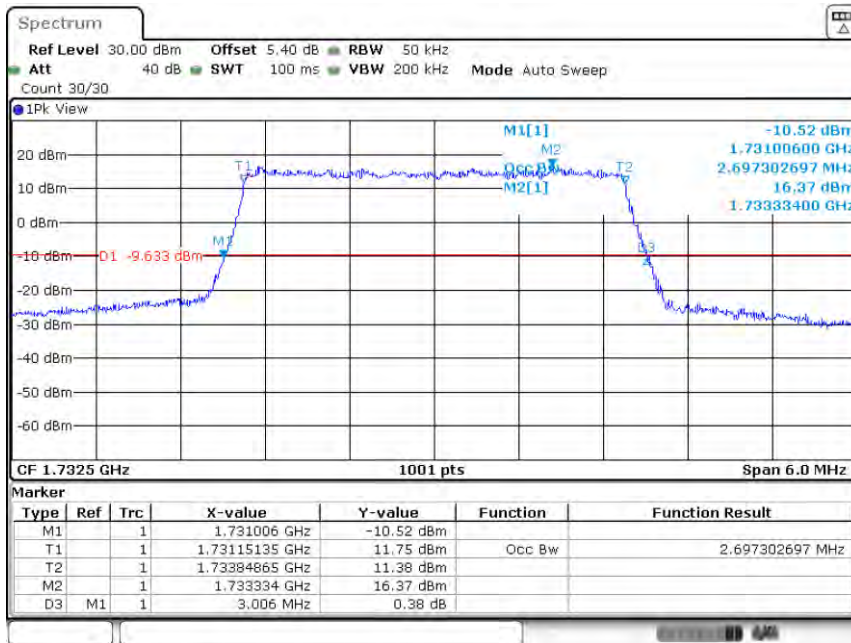
Date: 17.MAY.2021 20:39:58



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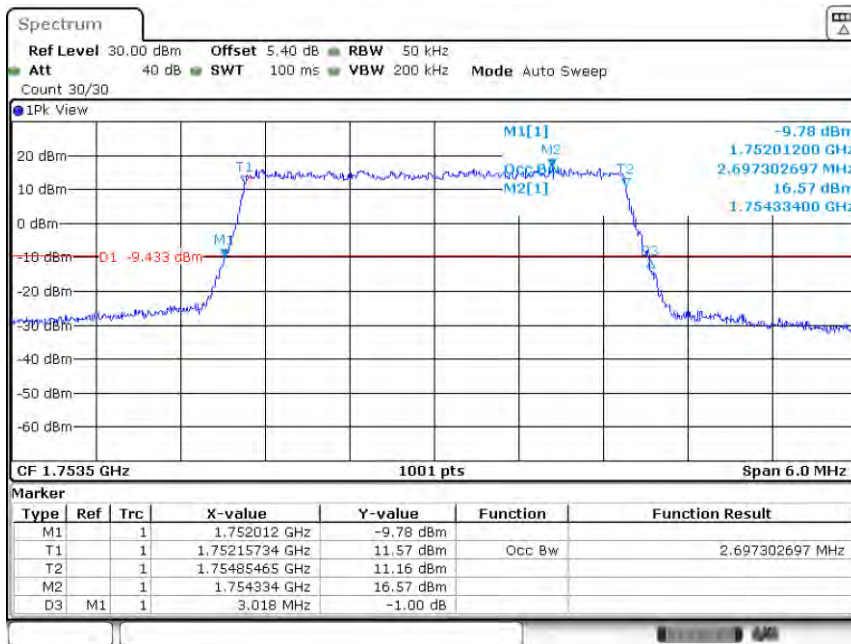


Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 17.MAY.2021 20:40:23

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



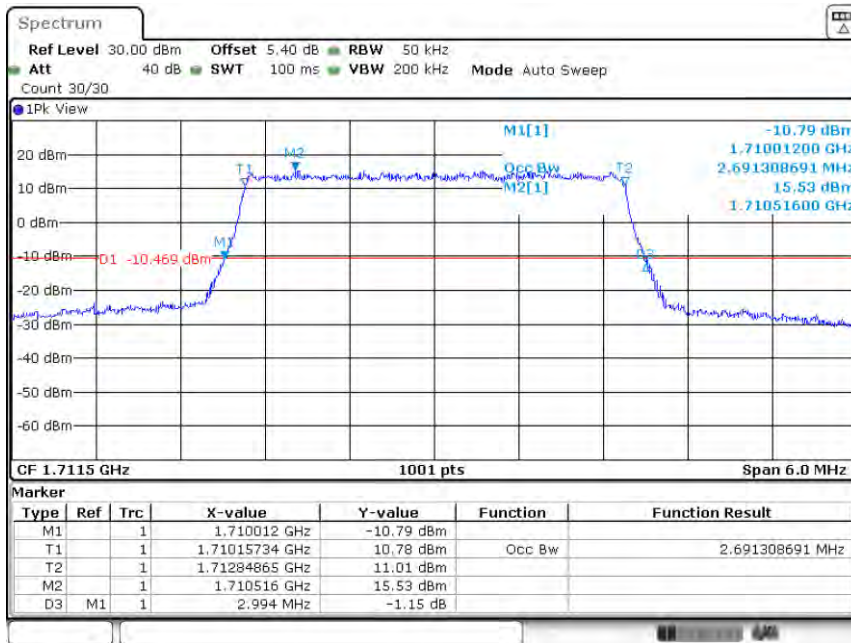
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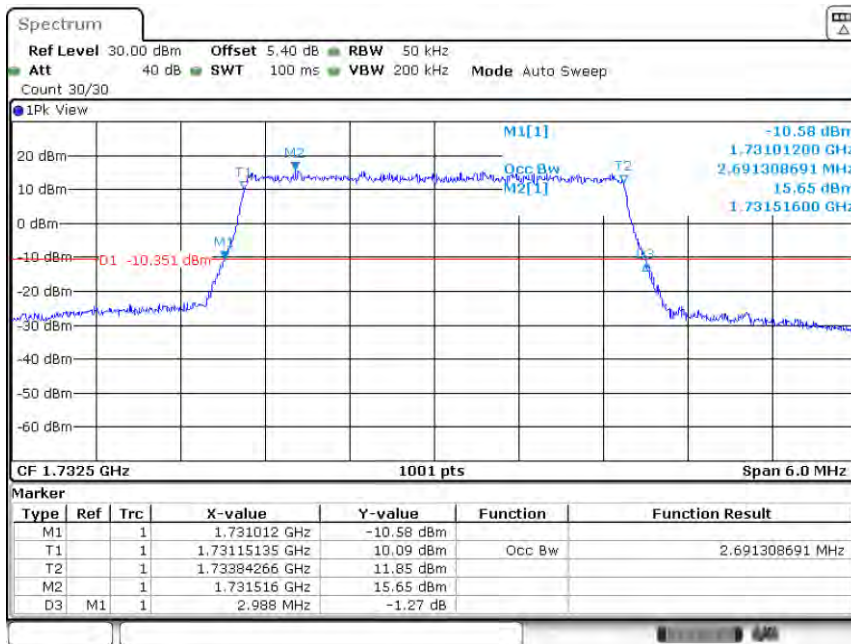


Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 18 MAY.2021 01:09:54

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



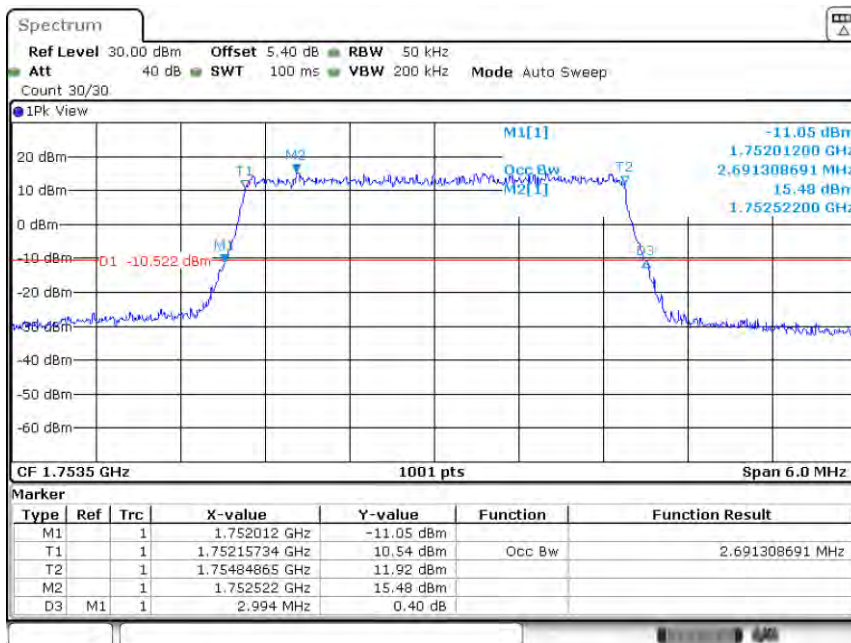
Date: 18 MAY.2021 01:10:07



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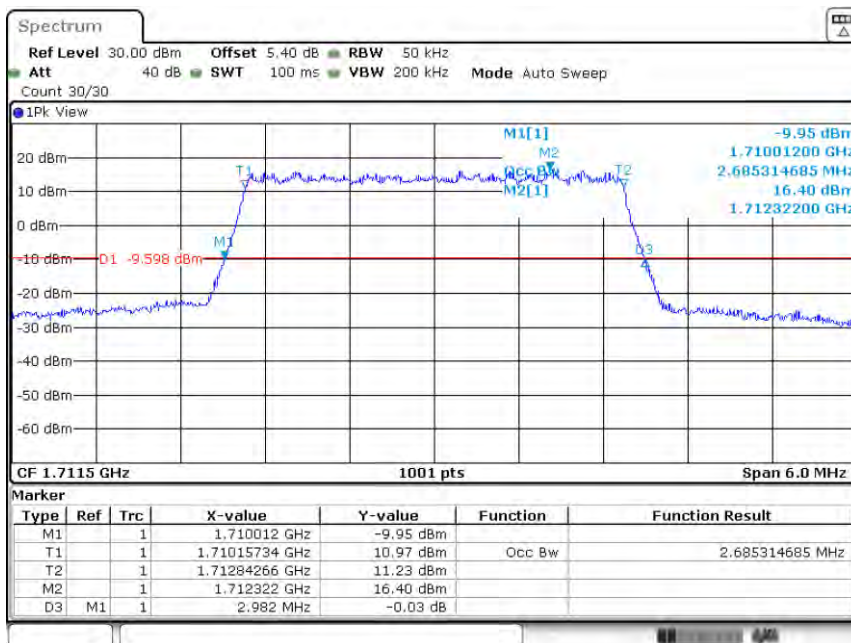


Band4-3MHz-64QAM-20385-15RB#0-2.691



Date: 18.MAY.2021 01:10:20

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

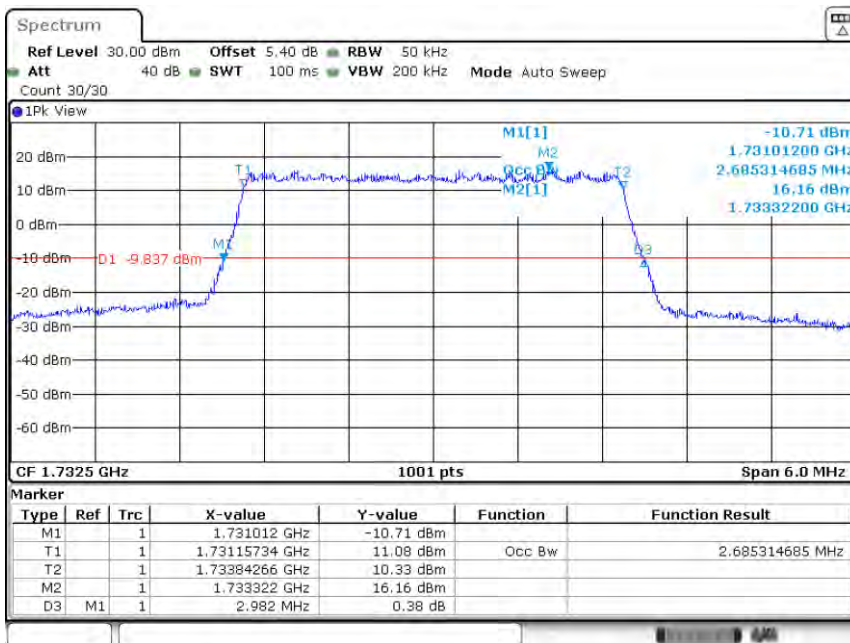


Date: 17.MAY.2021 20:40:10



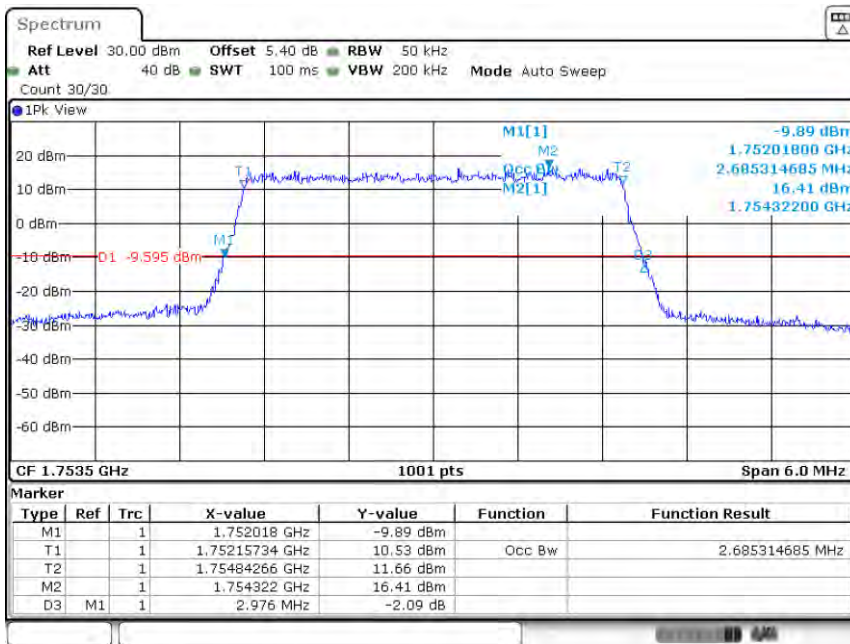
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Band4-3MHz-16QAM-20175-15RB#0-2.685



Date: 17.MAY.2021 20:40:36

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

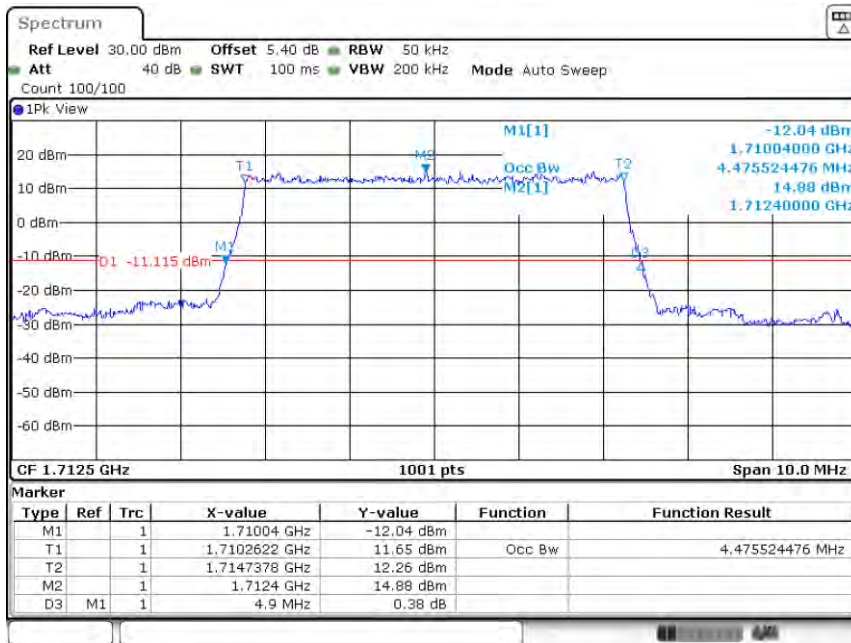


Date: 17.MAY.2021 20:41:01



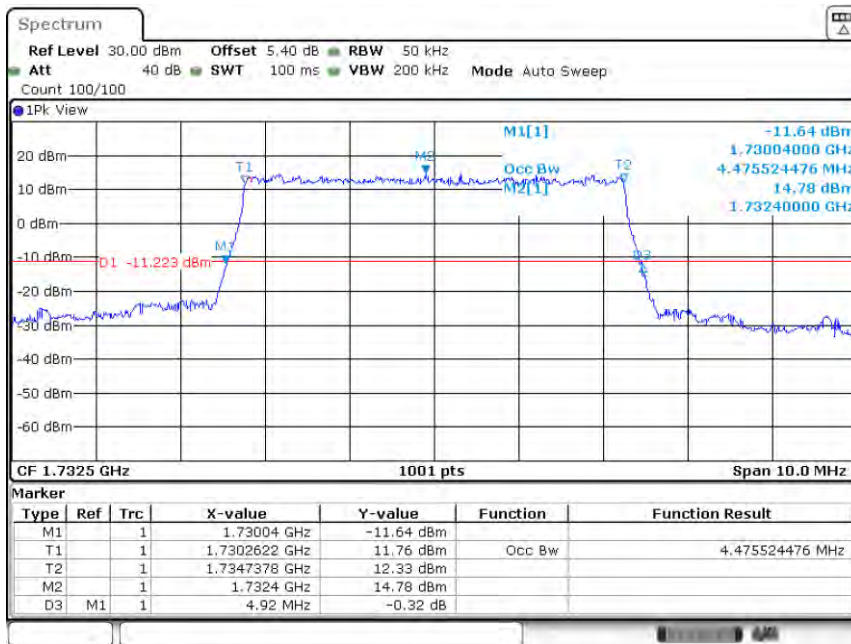
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Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 17.MAY.2021 20:41:26

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

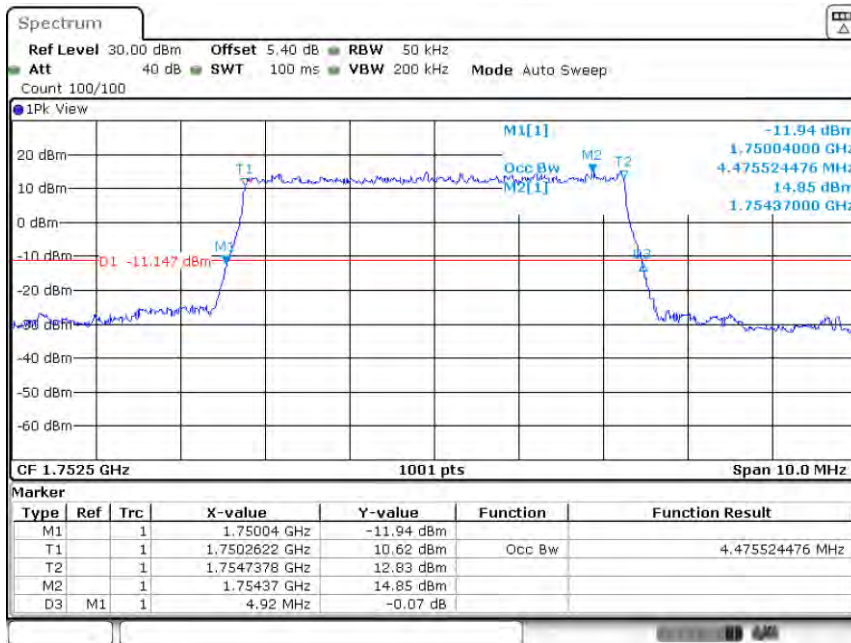


Date: 17.MAY.2021 20:42:05



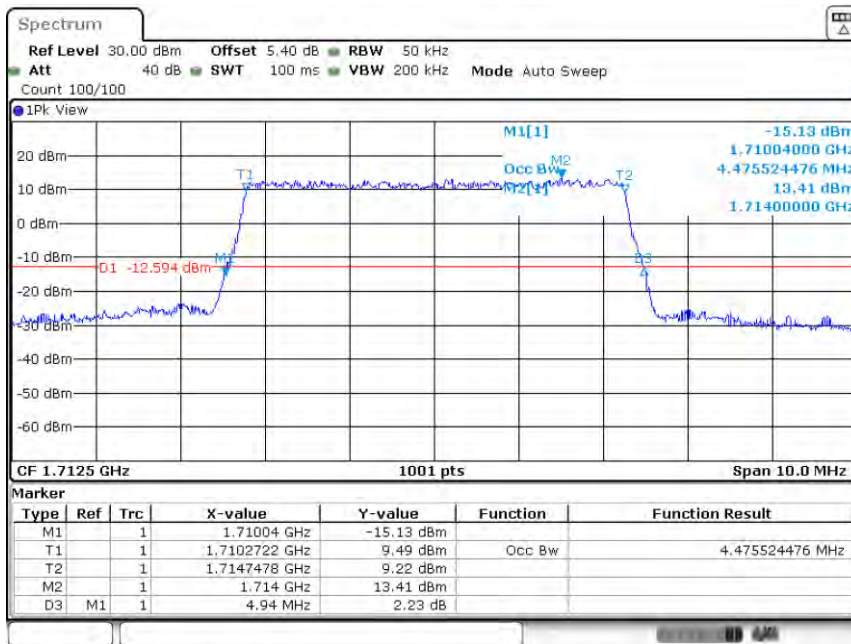
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Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 17.MAY.2021 20:42:45

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

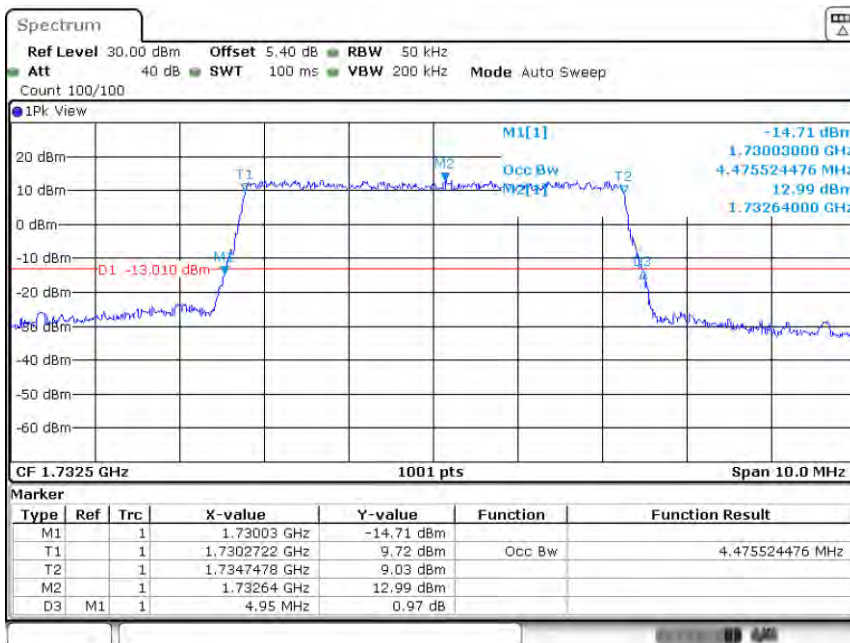


Date: 18.MAY.2021 01:10:45



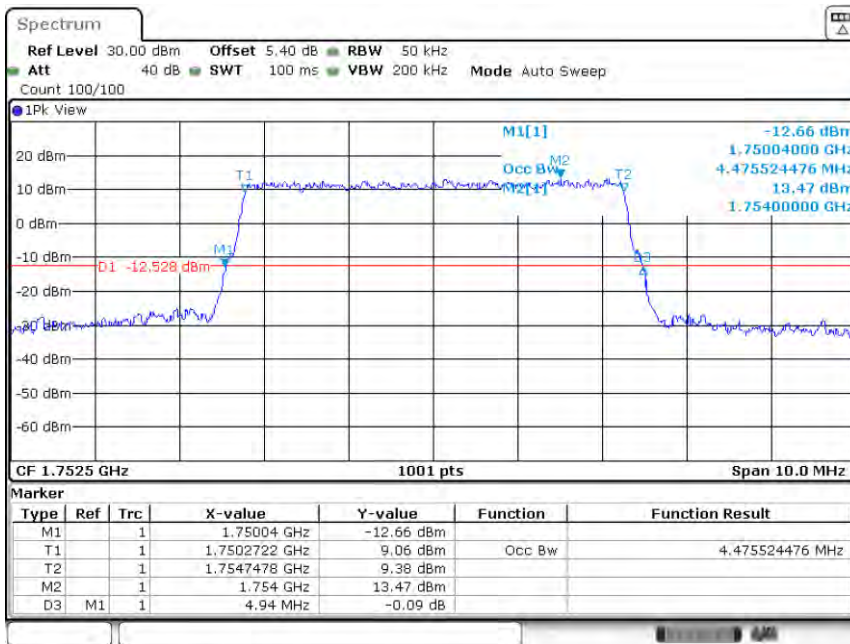
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Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 18 MAY.2021 01:11:05

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



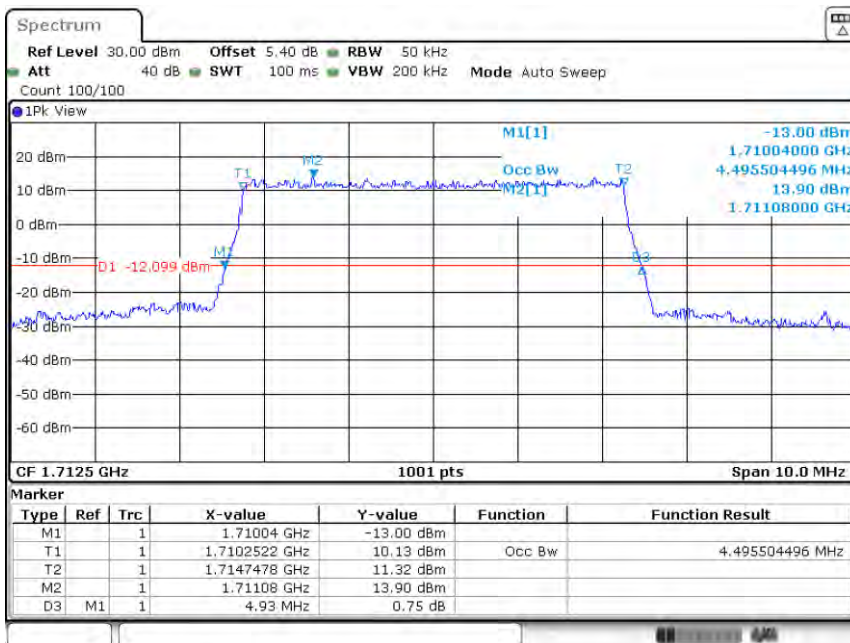
Date: 18 MAY.2021 01:11:25



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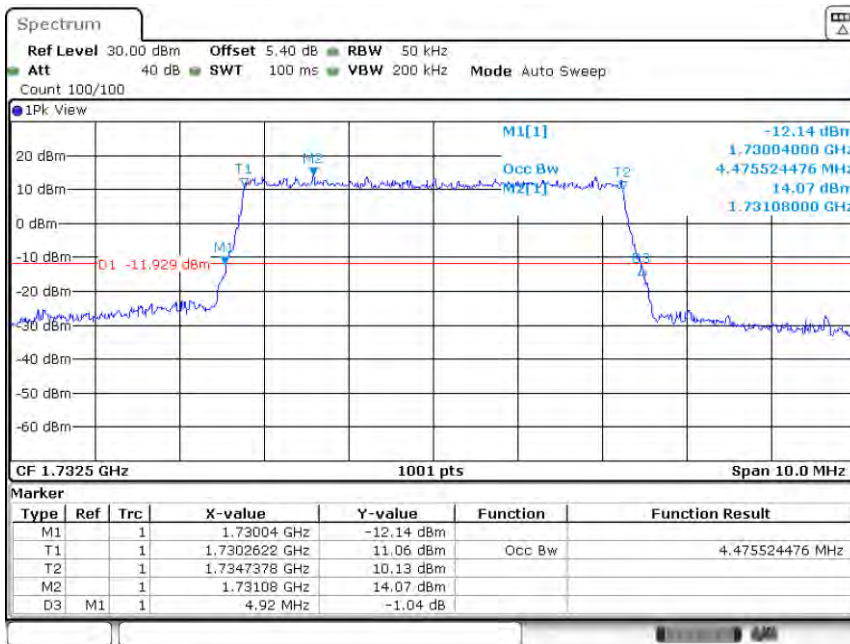


Band4-5MHz-16QAM-19975-25RB#0-4.496



Date: 17.MAY.2021 20:41:46

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



Date: 17.MAY.2021 20:42:25

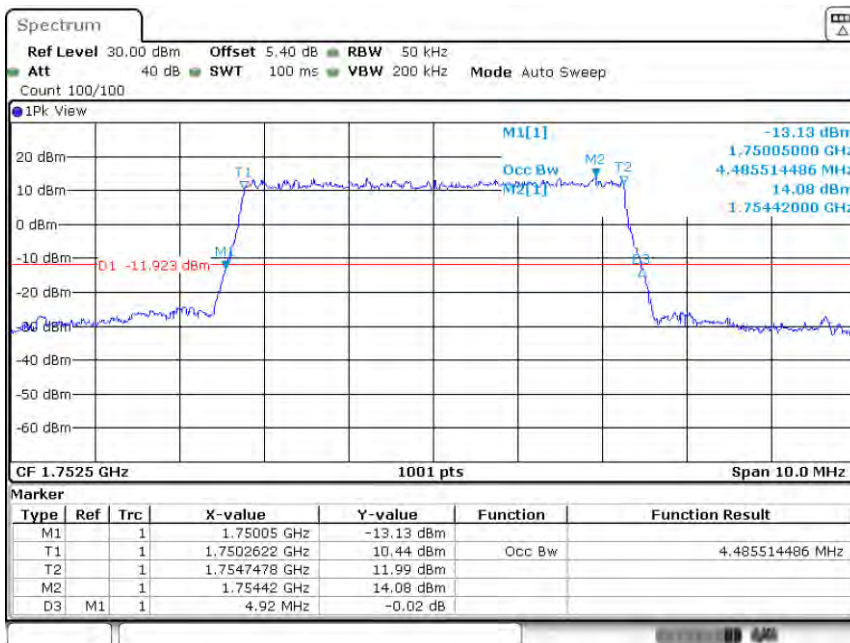


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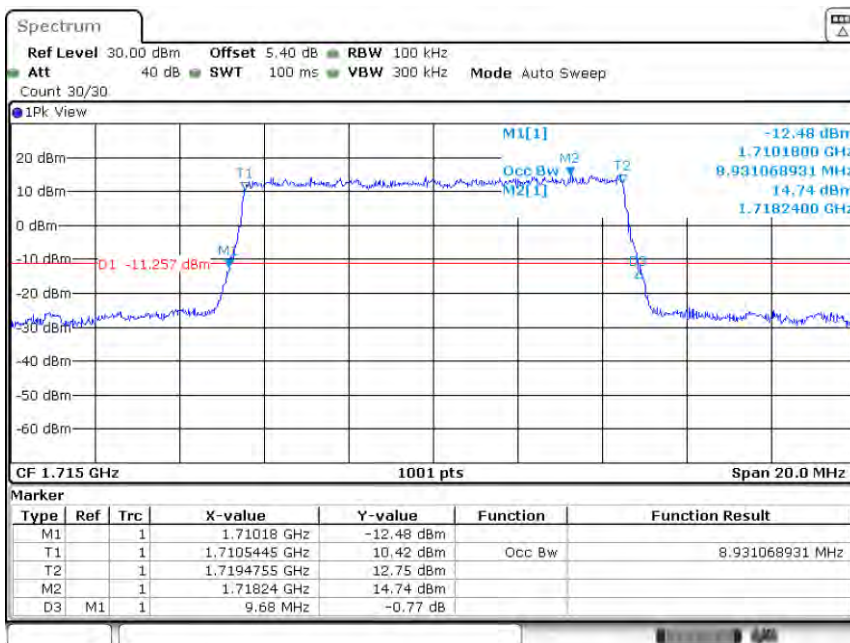
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.MAY.2021 20:43:05

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

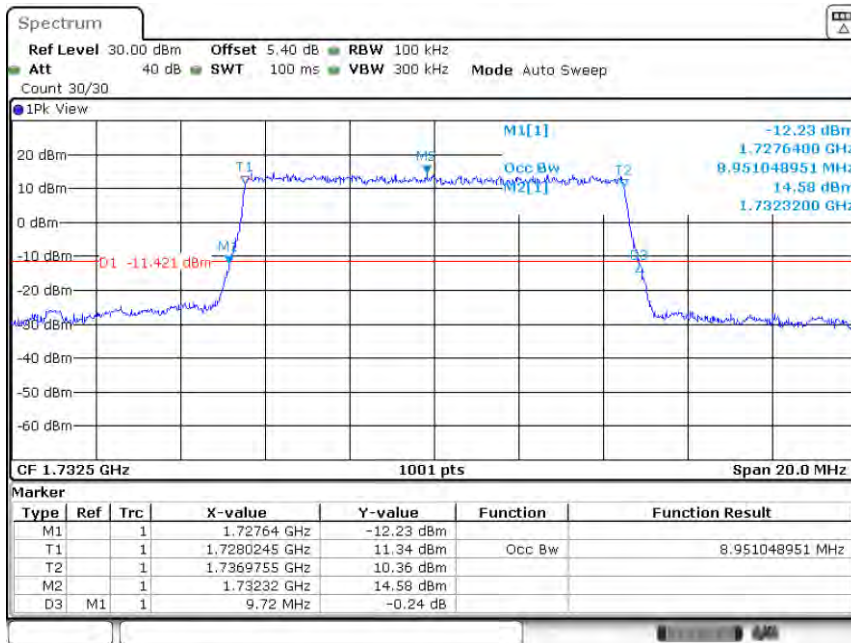


Date: 17.MAY.2021 20:43:22



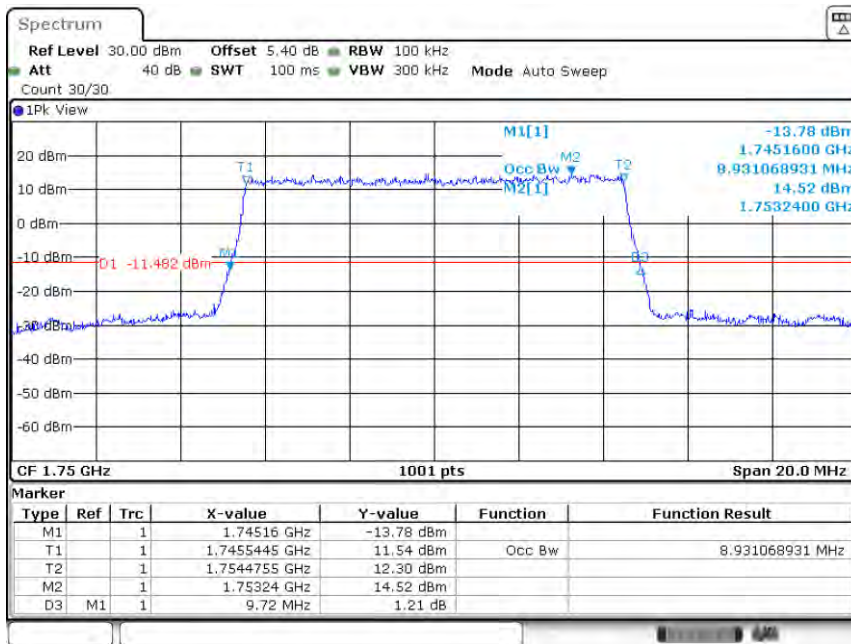
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Band4-10MHz-QPSK-20175-50RB#0-8.951



Date: 17.MAY.2021 20:43:48

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



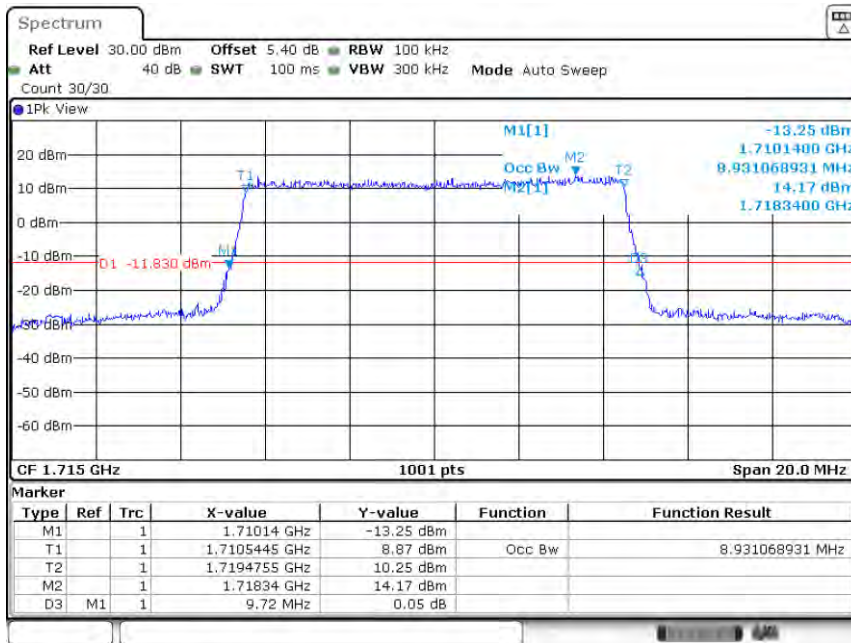
Date: 17.MAY.2021 20:44:13



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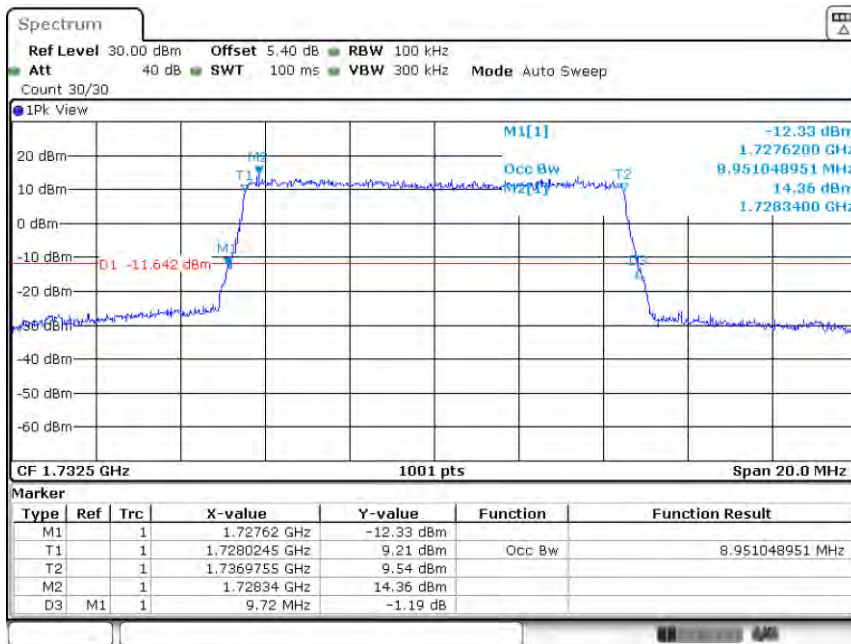


Band4-10MHz-64QAM-2000-50RB#0-8.931



Date: 18 MAY.2021 01:11:43

Band4-10MHz-64QAM-20175-50RB#0-8.951



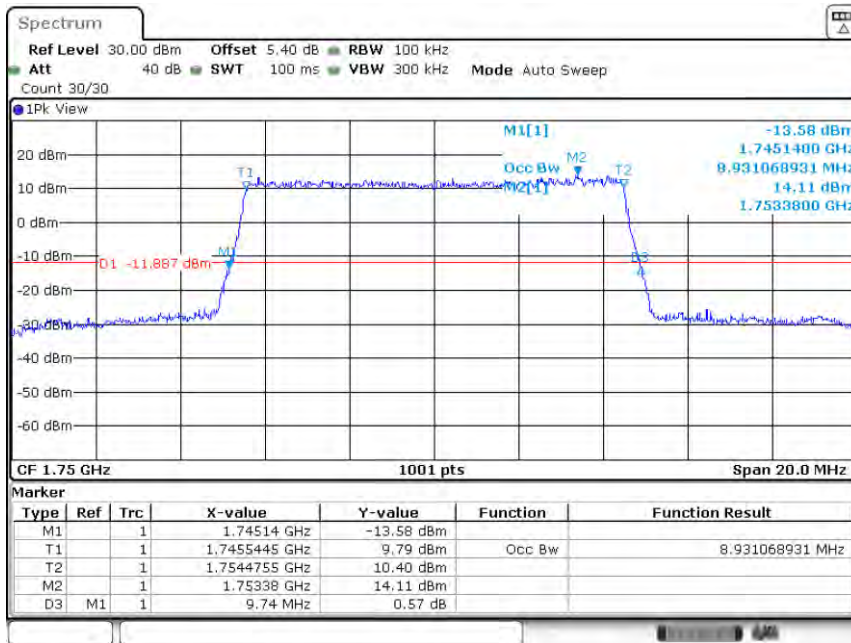
Date: 18 MAY.2021 01:11:56



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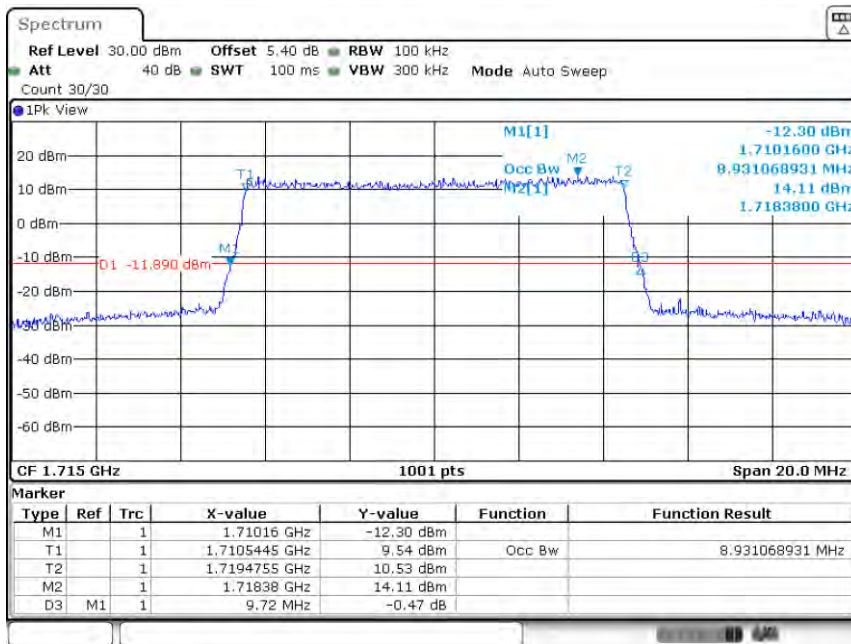


Band4-10MHz-64QAM-20350-50RB#0-8.931



Date: 18 MAY 2021 01:12:09

Band4-10MHz-16QAM-20000-50RB#0-8.931



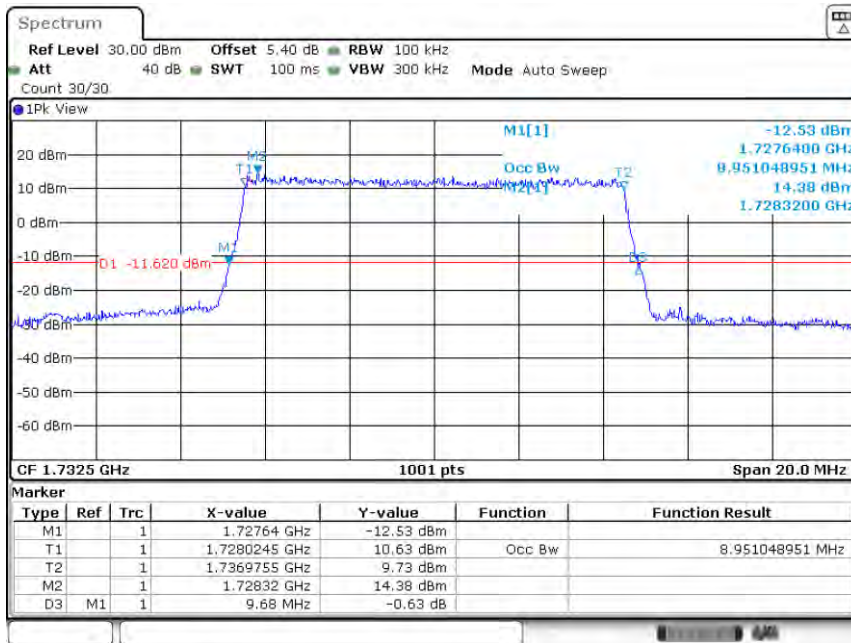
Date: 17 MAY 2021 20:43:35



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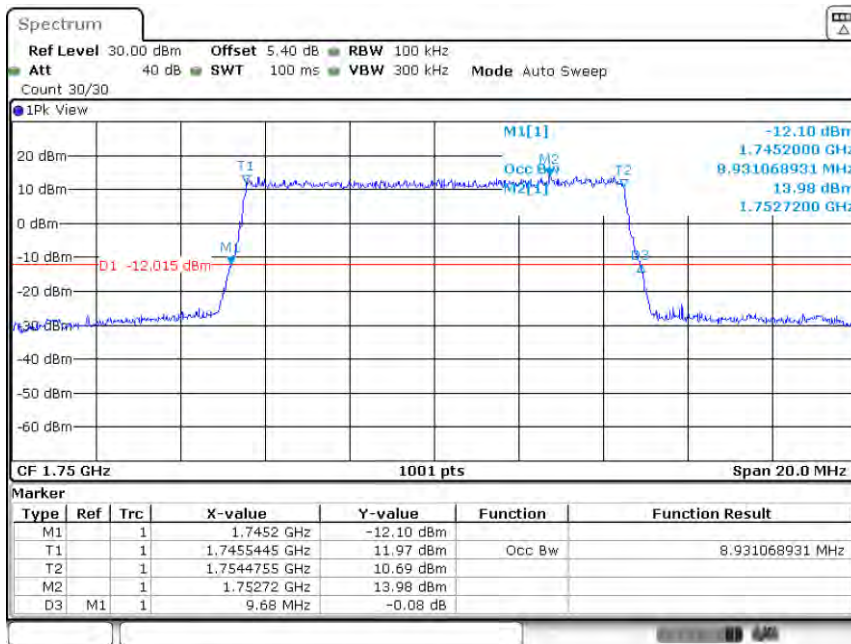


Band4-10MHz-16QAM-20175-50RB#0-8.951



Date: 17.MAY.2021 20:44:00

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

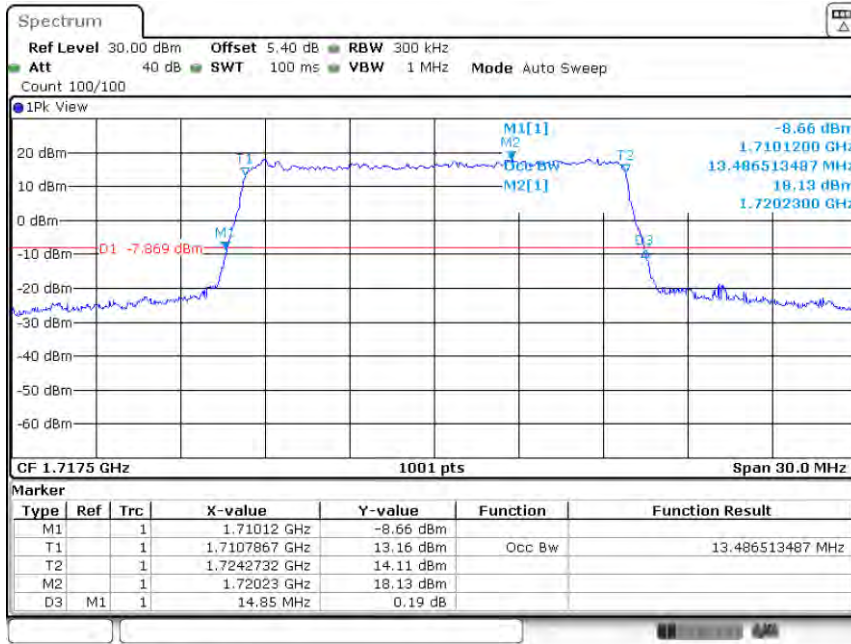


Date: 17.MAY.2021 20:44:26



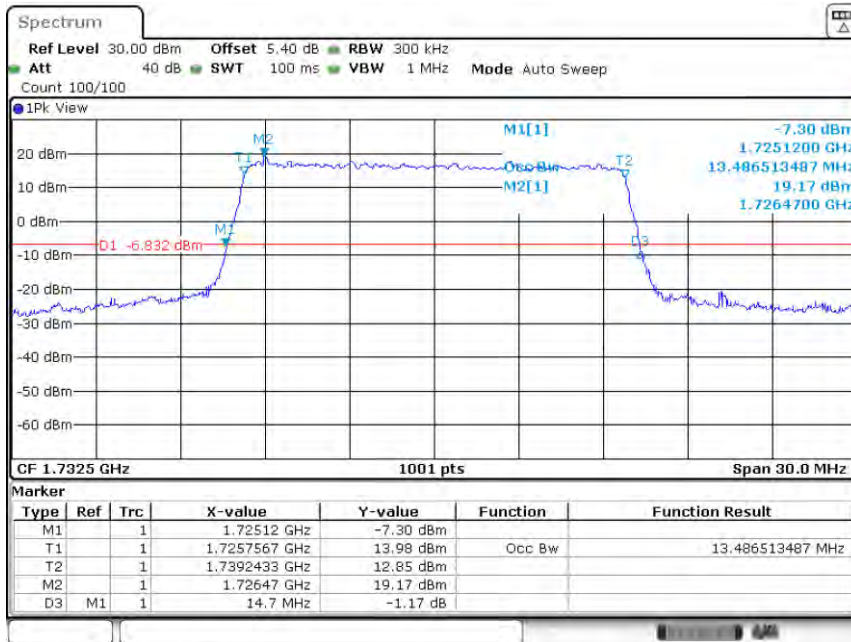
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Band4-15MHz-QPSK-20025-75RB#0-13.487



Date: 17.MAY.2021 20:44:50

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



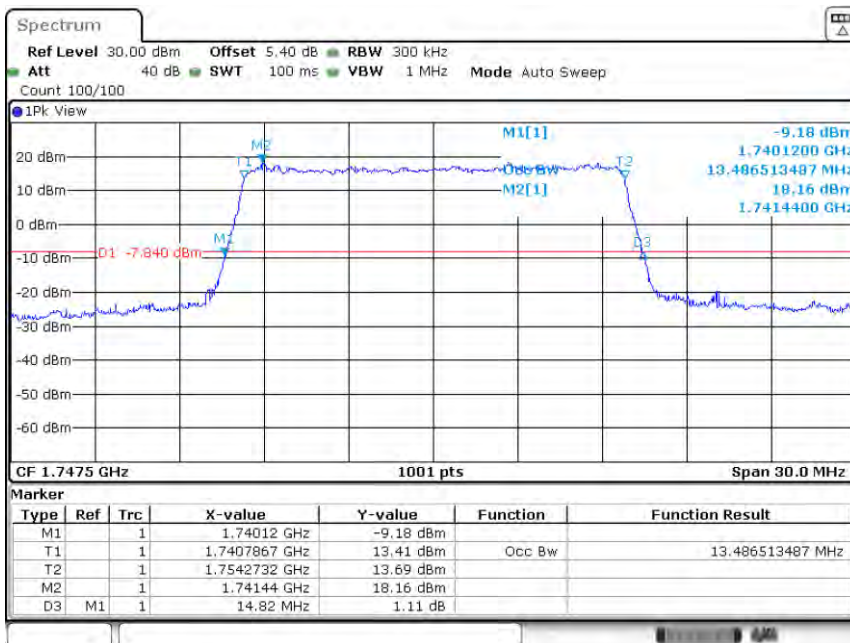
Date: 17.MAY.2021 20:45:30



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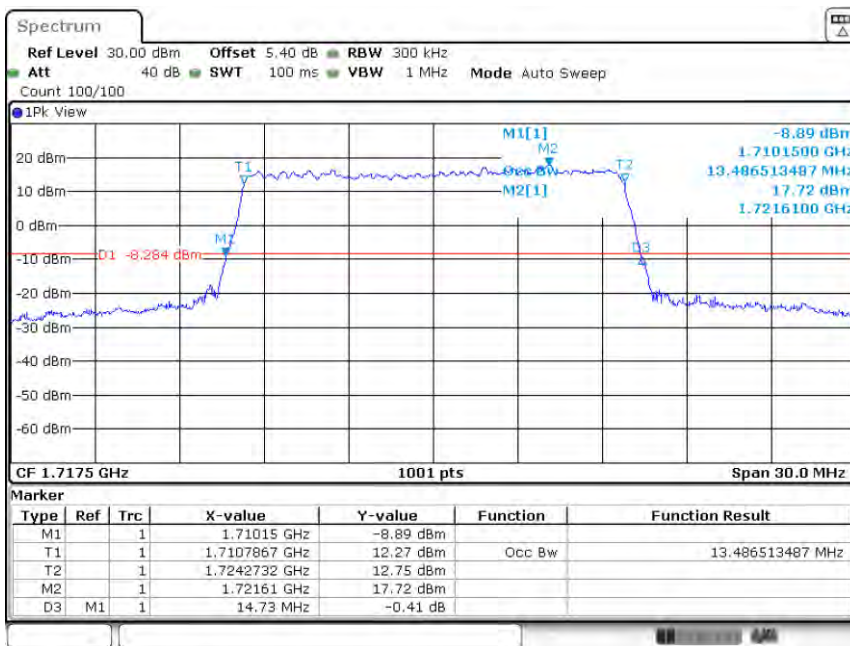


Band4-15MHz-QPSK-20325-75RB#0-13.487



Date: 17.MAY.2021 20:46:09

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

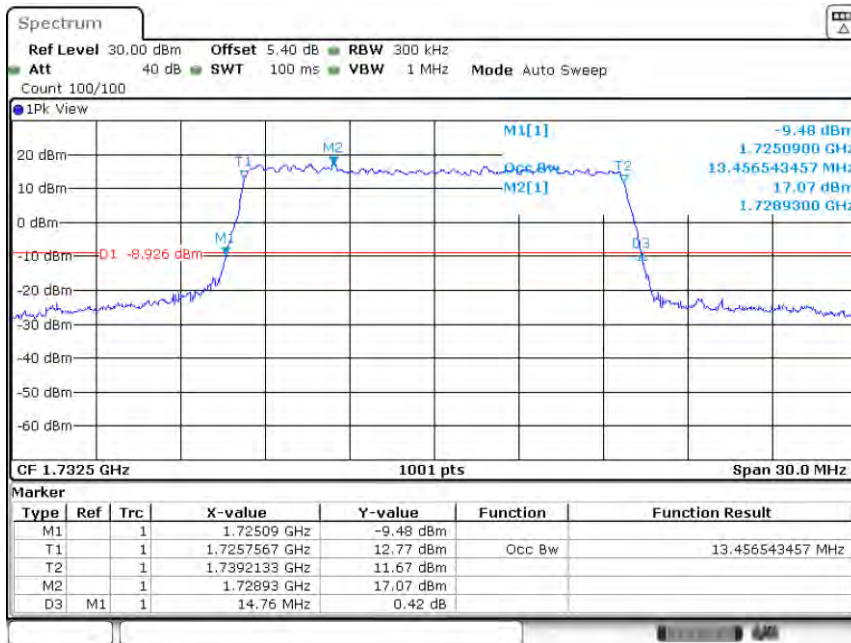


Date: 18.MAY.2021 01:12:34

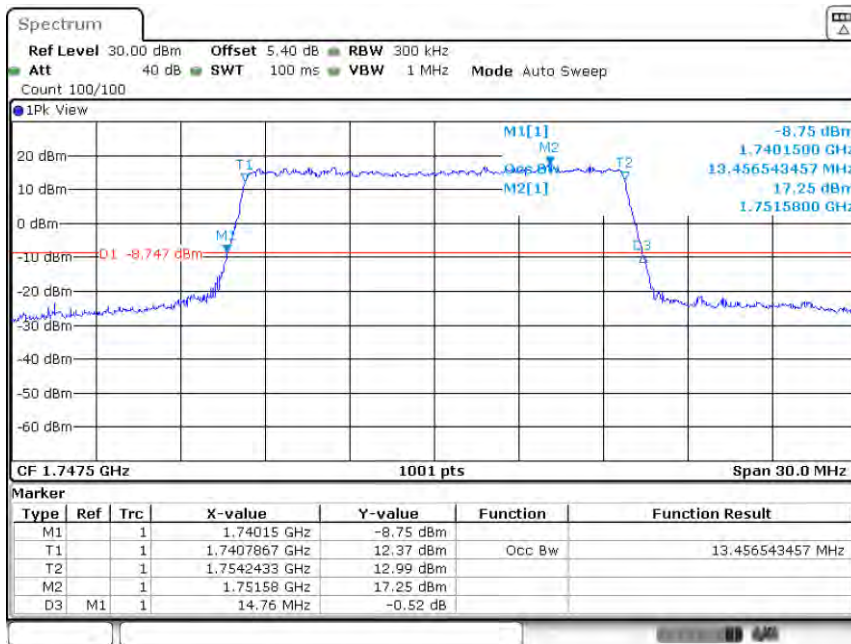


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Band4-15MHz-64QAM-20175-75RB#0-13.457



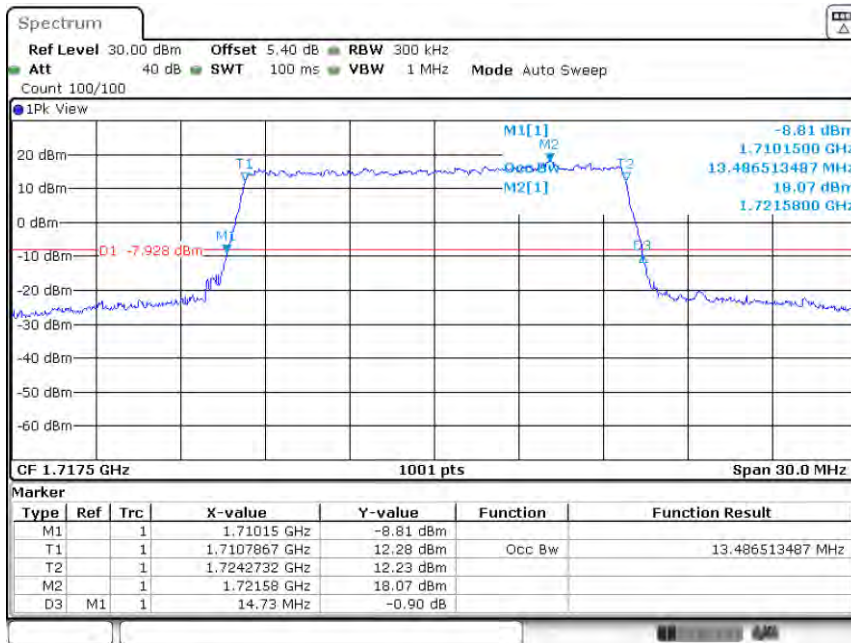
Band4-15MHz-64QAM-20325-75RB#0-13.457



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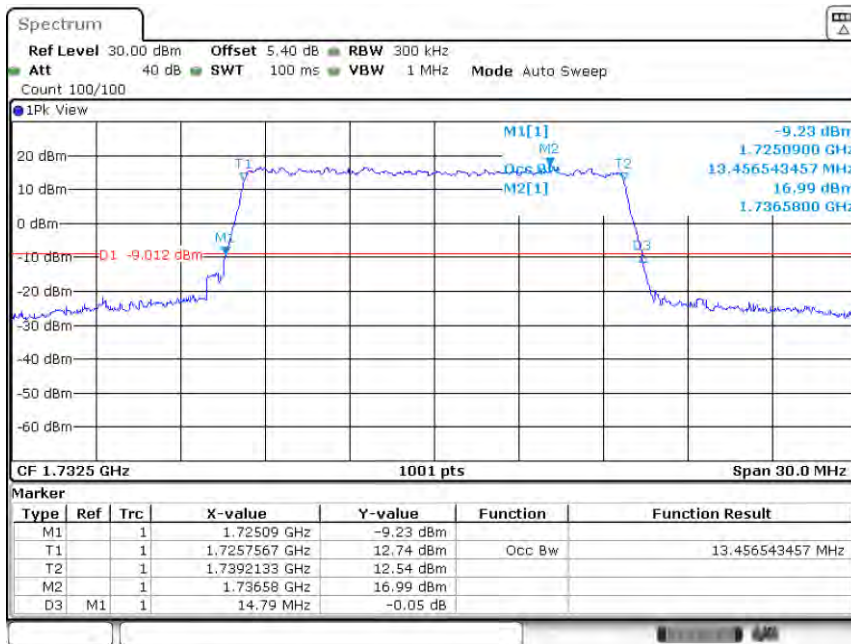


Band4-15MHz-16QAM-20025-75RB#0-13.487



Date: 17.MAY.2021 20:45:10

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

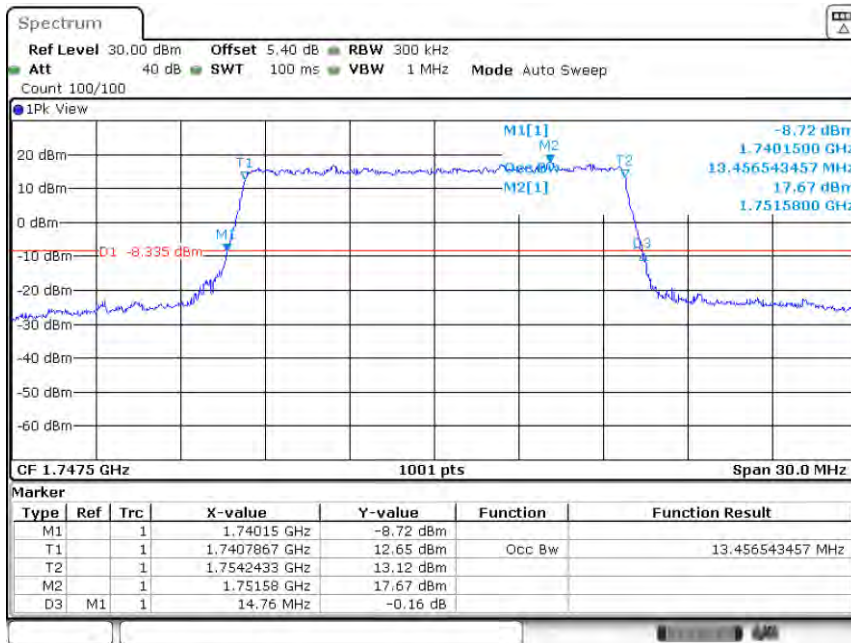


Date: 17.MAY.2021 20:45:49



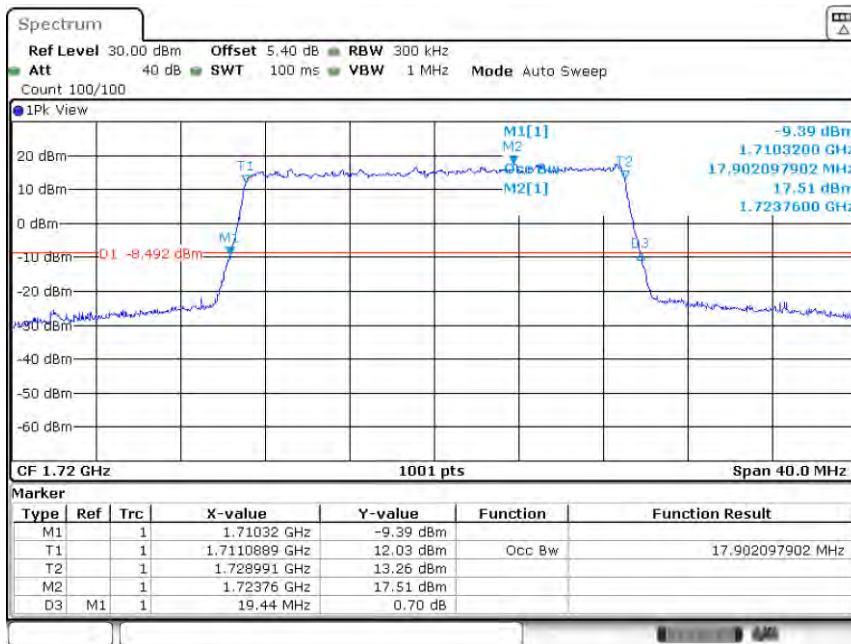
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Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 17.MAY.2021 20:46:29

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

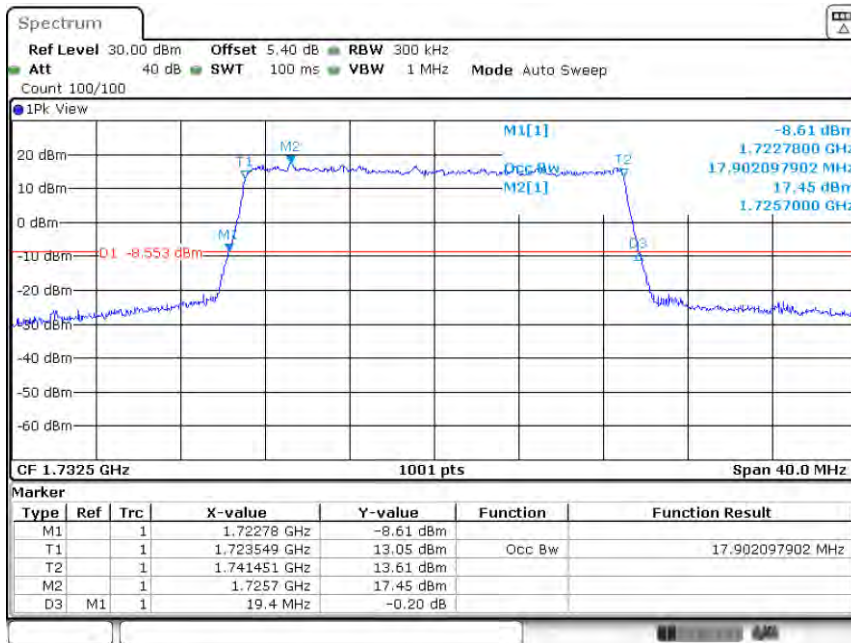


Date: 17.MAY.2021 20:46:53



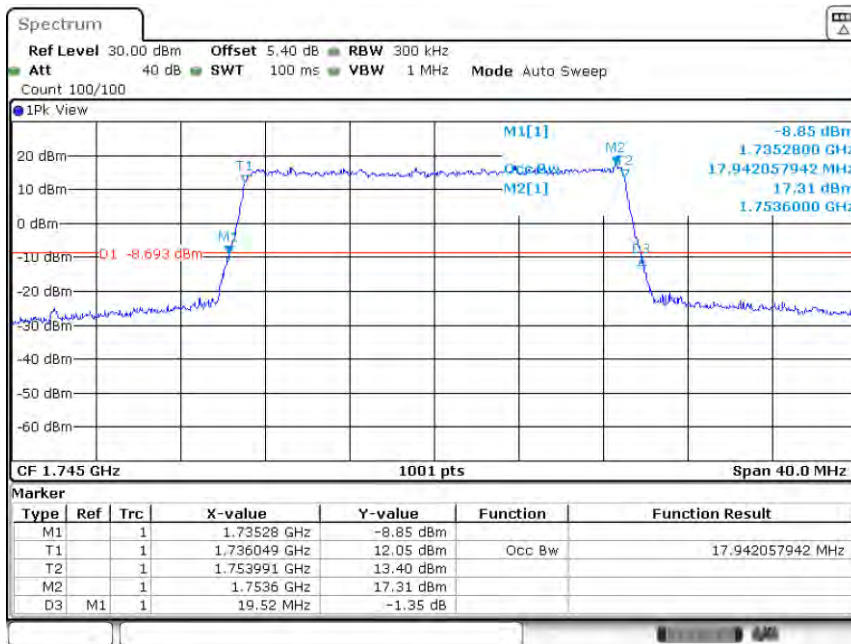
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Band4-20MHz-QPSK-20175-100RB#0-17.902



Date: 17.MAY.2021 20:47:33

Band4-20MHz-QPSK-20300-100RB#0-17.942



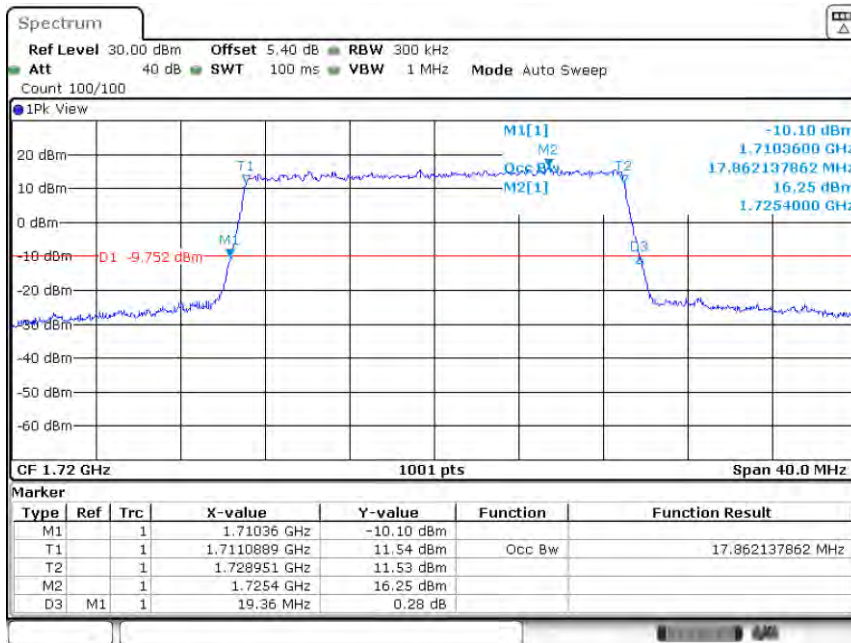
Date: 17.MAY.2021 20:48:13



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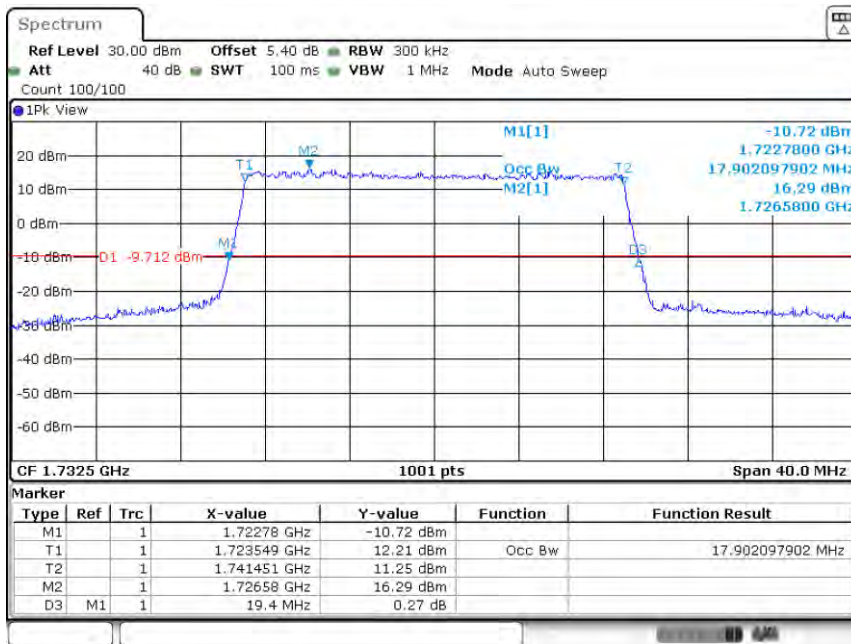


Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 18 MAY.2021 01:13:39

Band4-20MHz-64QAM-20175-100RB#0-17.902



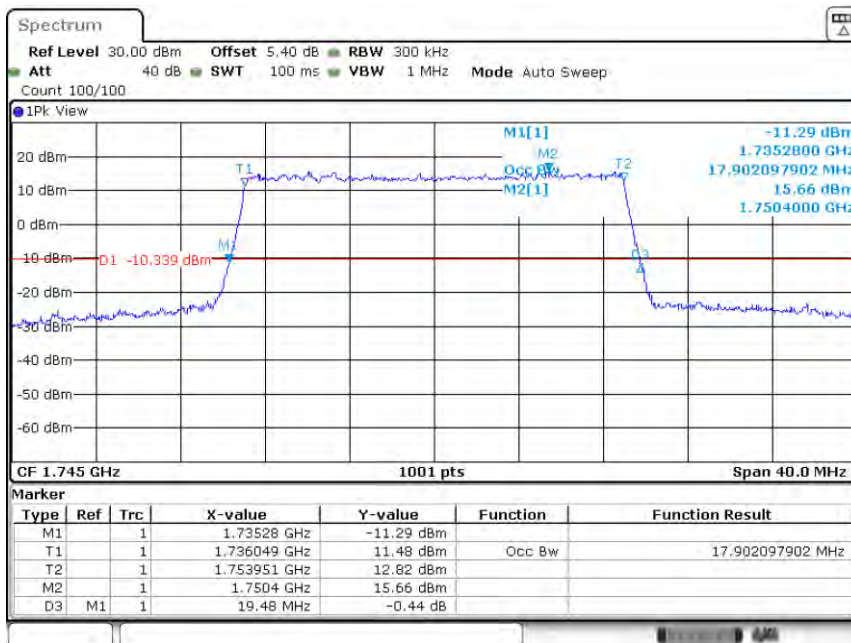
Date: 18 MAY.2021 01:13:59



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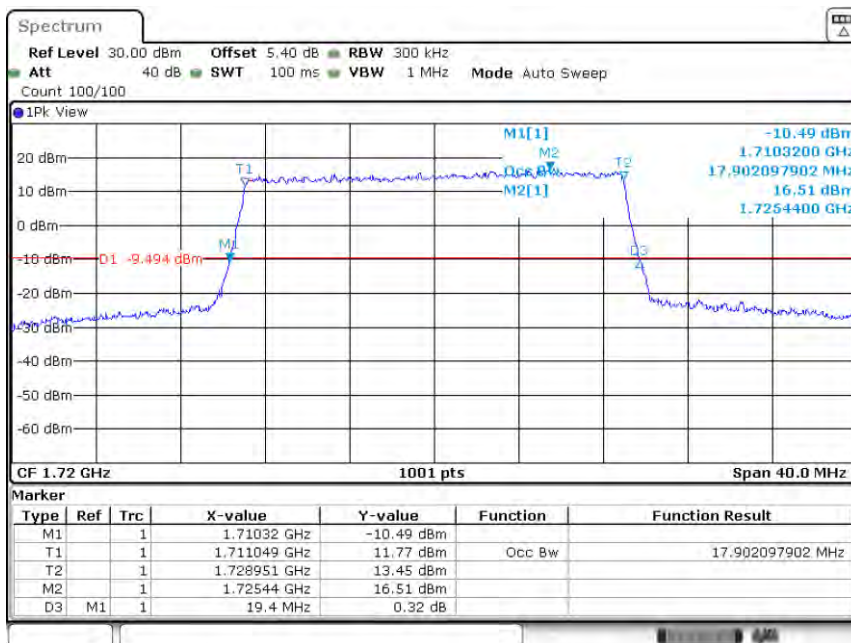


Band4-20MHz-64QAM-20300-100RB#0-17.902



Date: 18 MAY 2021 01:14:19

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



Date: 17 MAY 2021 20:47:13



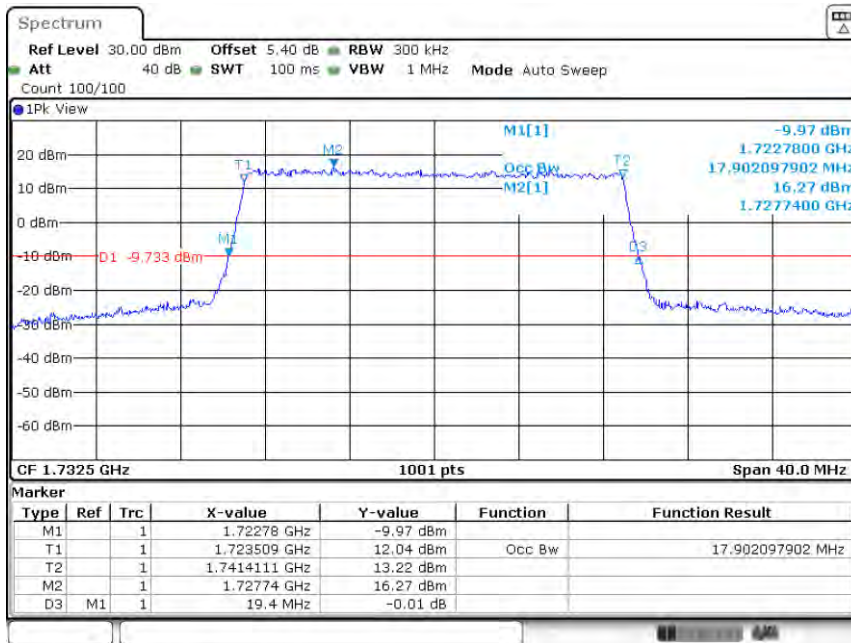
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

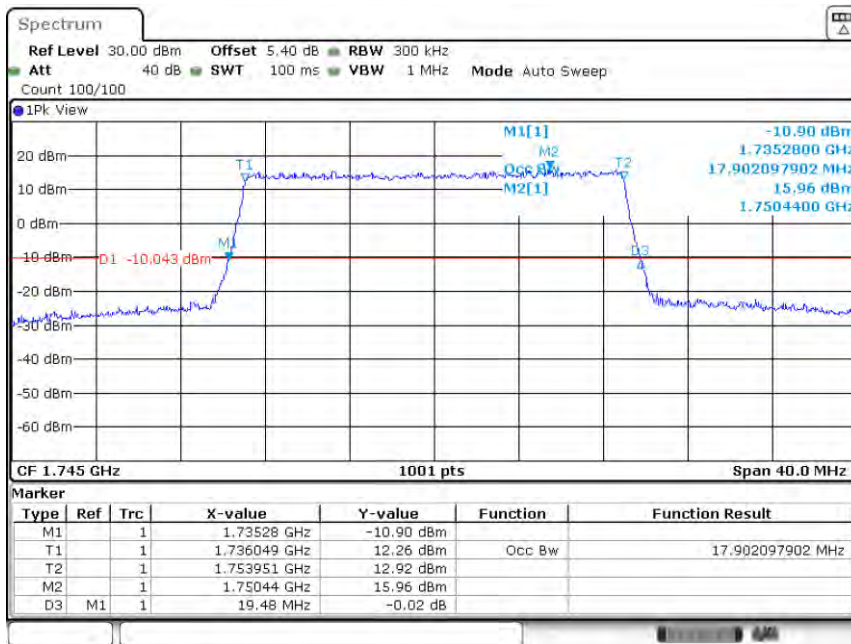


Band4-20MHz-16QAM-20175-100RB#0-17.902



Date: 17.MAY.2021 20:47:53

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



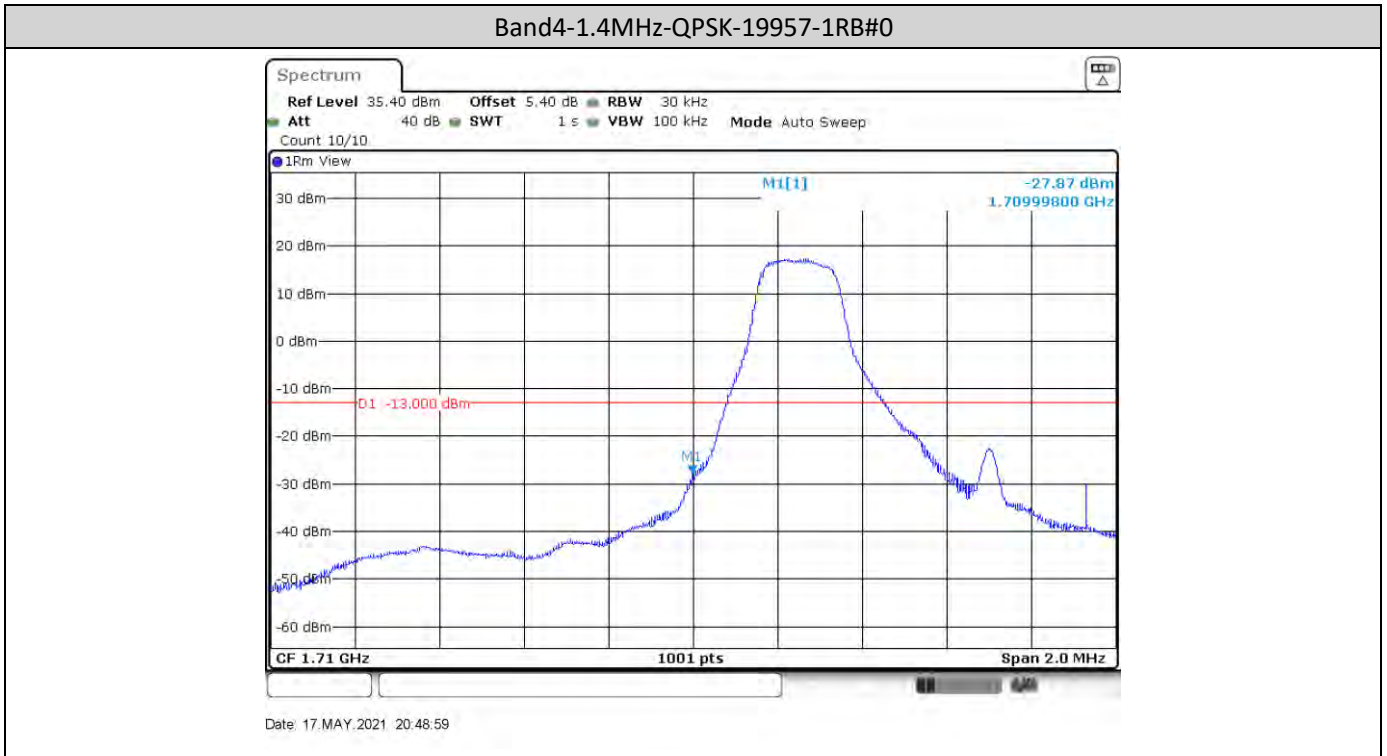
Date: 17.MAY.2021 20:48:32



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5. Band Edge Compliance

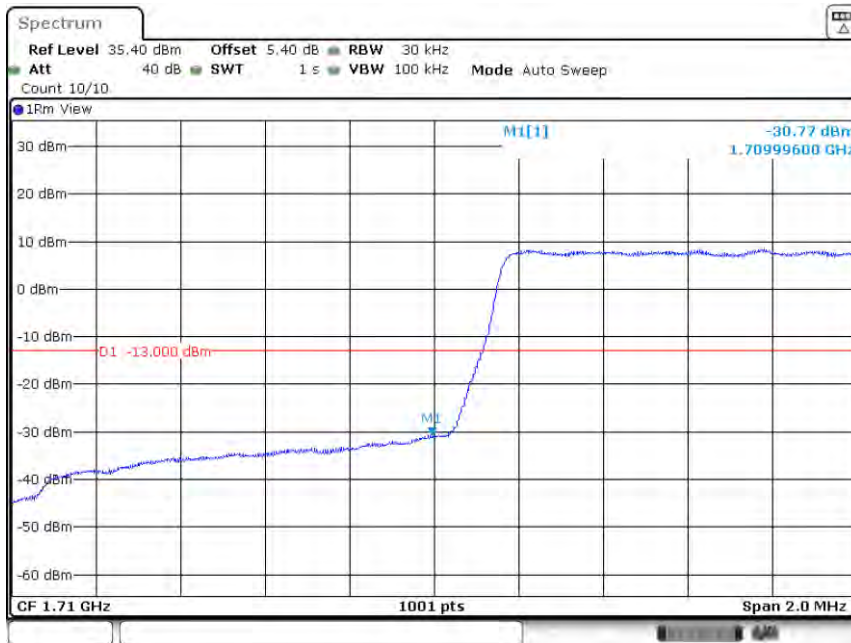
5.1. Test Plots



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



Date: 17 MAY 2021 20:49:40

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



Date: 17 MAY 2021 20:50:25



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



Date: 17 MAY 2021 20:51:06

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

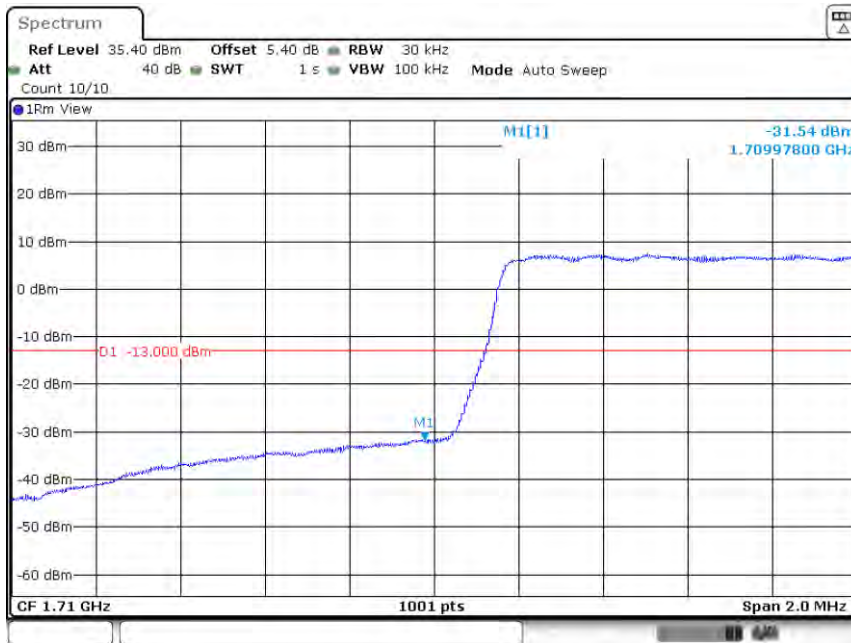


Date: 18 MAY 2021 01:14:45



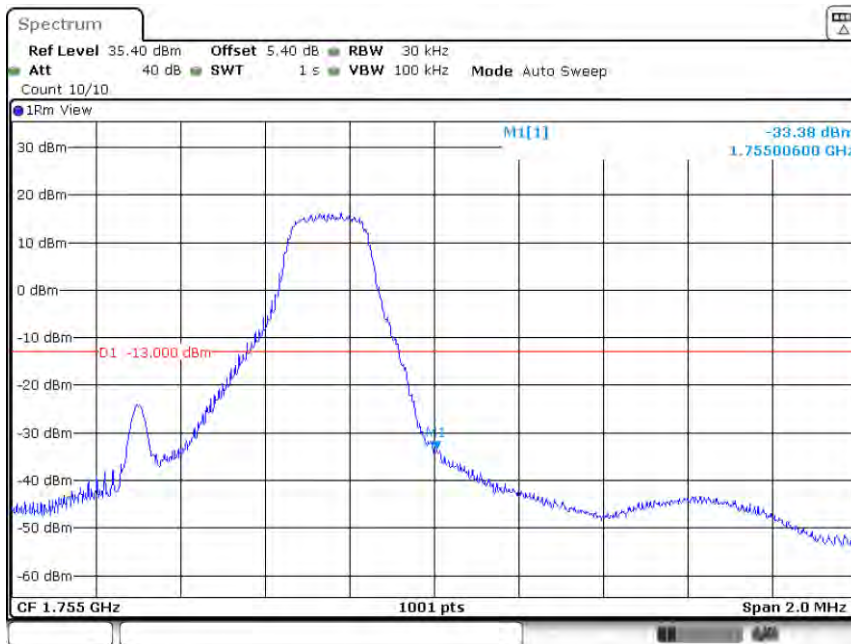
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 18 MAY 2021 01:15:06

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



Date: 18 MAY 2021 01:15:31



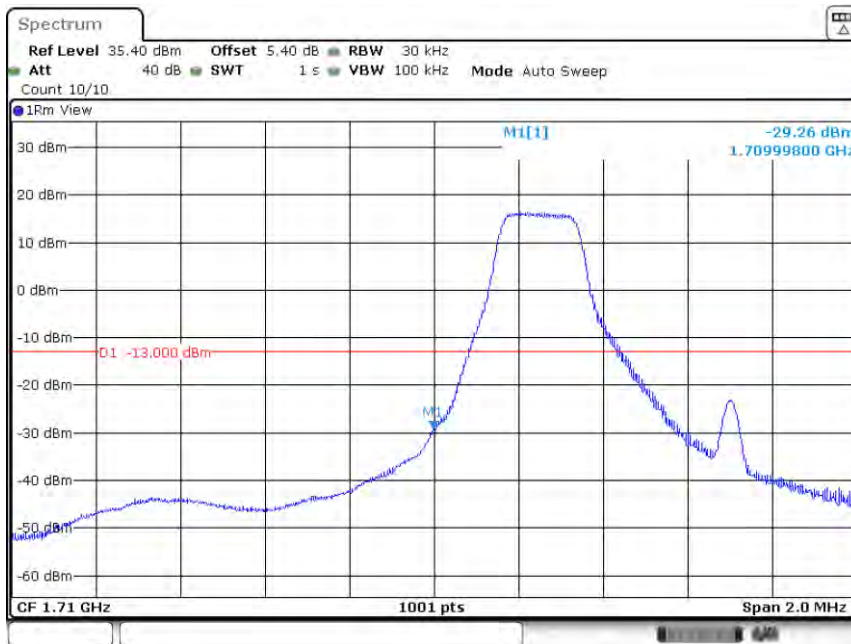
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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 18 MAY 2021 01:15:51

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

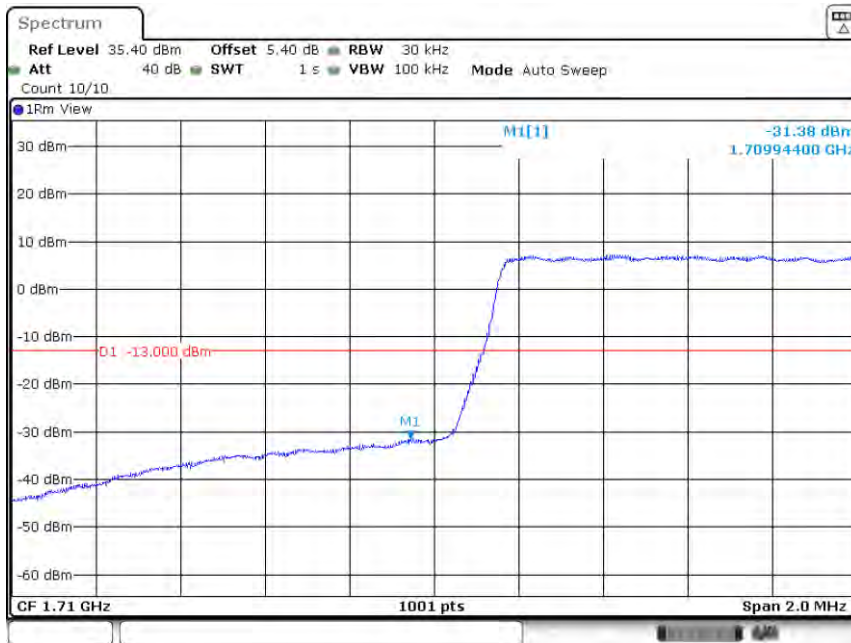


Date: 17 MAY 2021 20:49:20



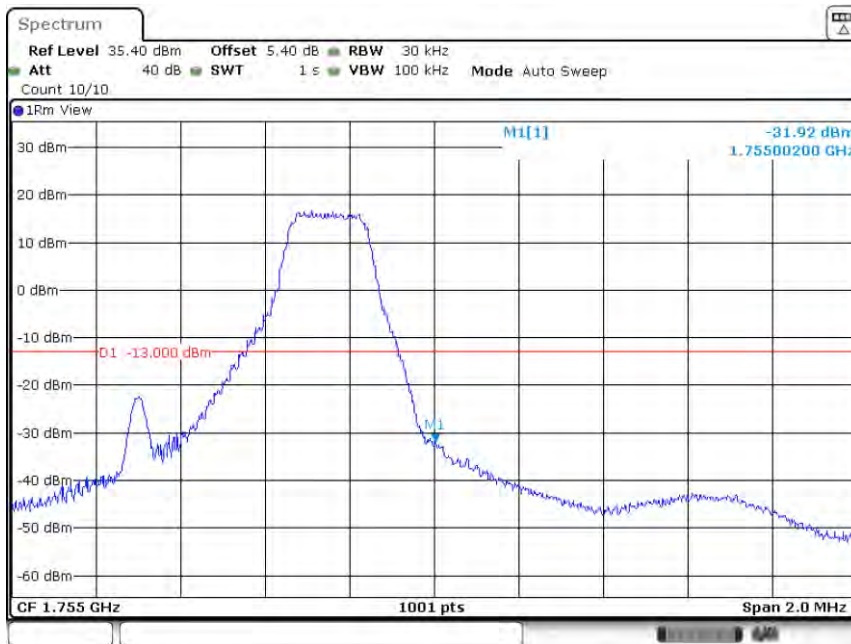
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Band4-1.4MHz-16QAM-19957-6RB#0



Date: 17.MAY.2021 20:50:01

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



Date: 17.MAY.2021 20:50:46



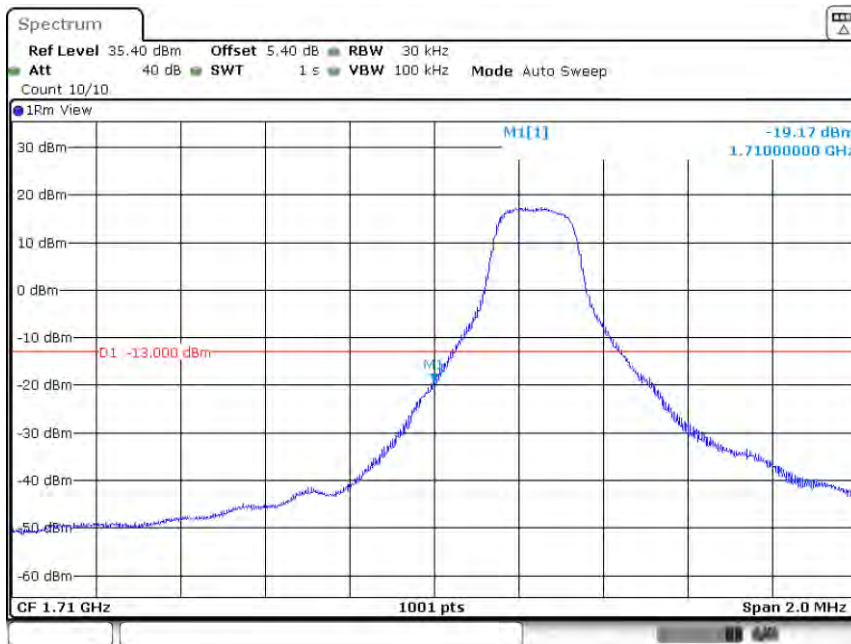
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 17.MAY.2021 20:51:27

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

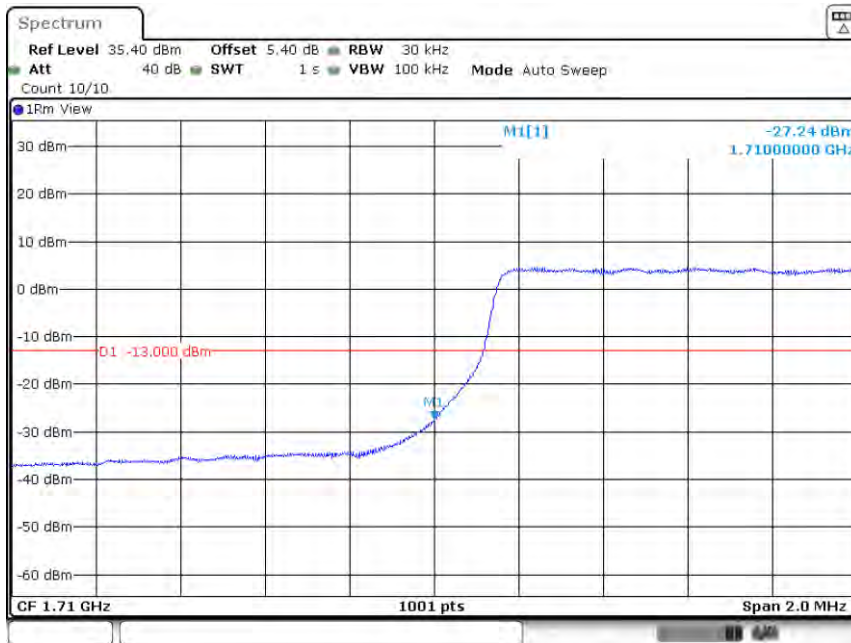


Date: 17.MAY.2021 20:51:52



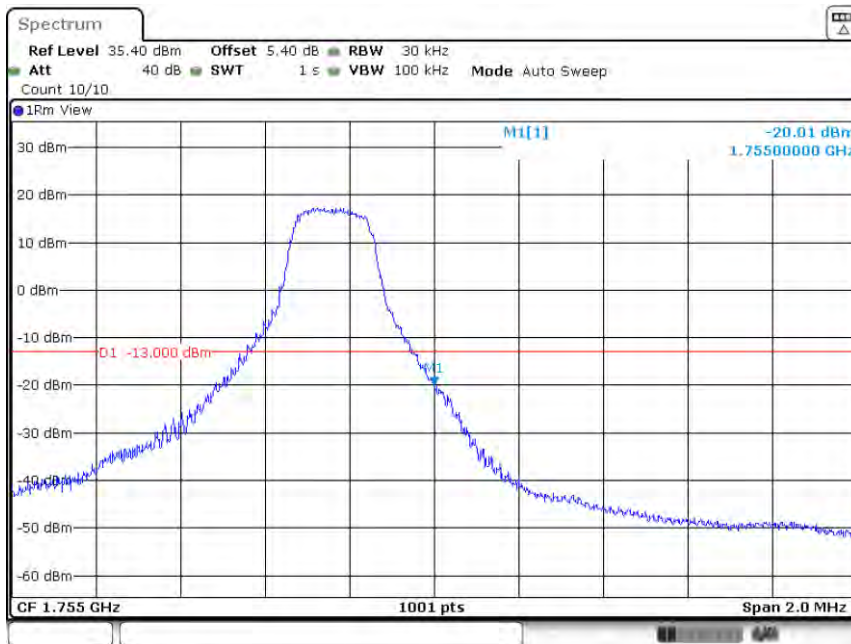
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Band4-3MHz-QPSK-19965-15RB#0



Date: 17.MAY.2021 20:52:33

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

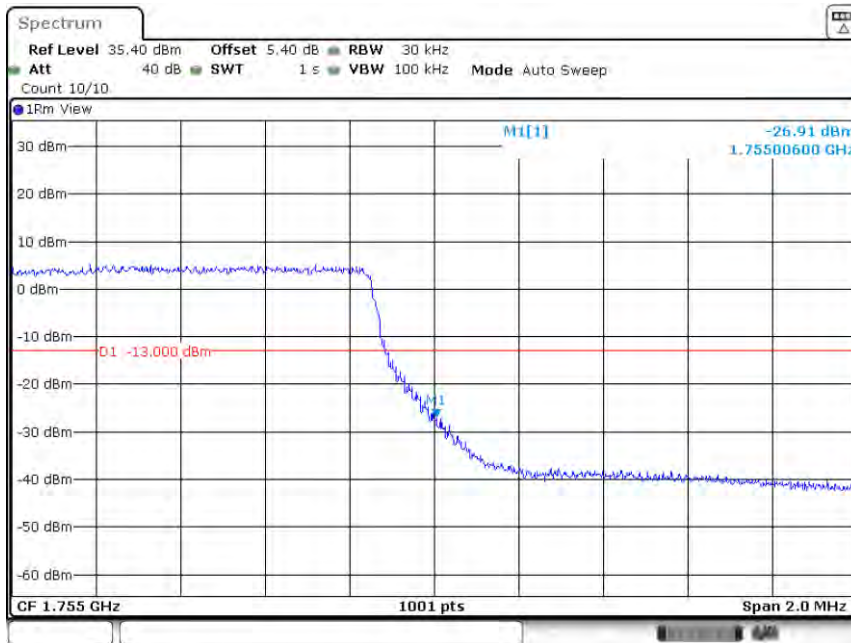


Date: 17.MAY.2021 20:53:19



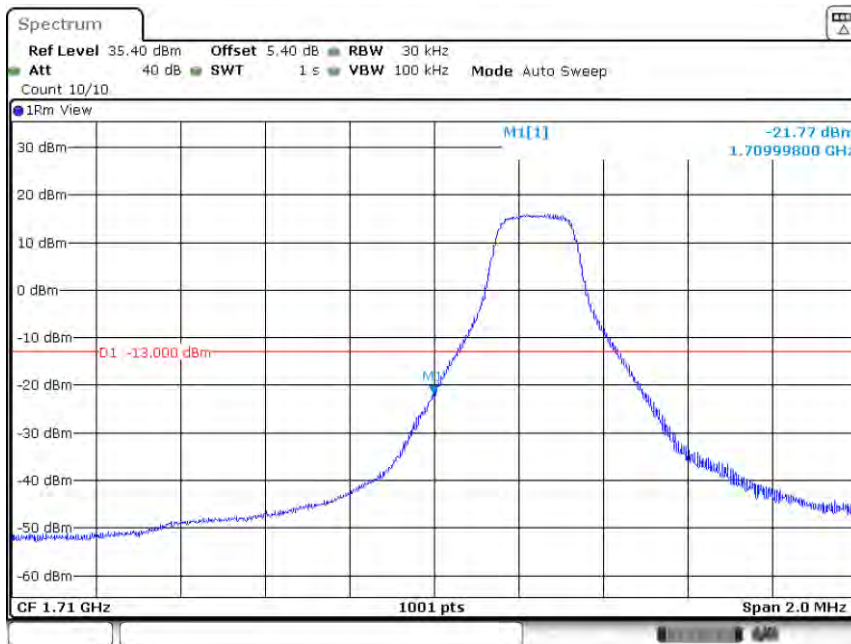
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Band4-3MHz-QPSK-20385-15RB#0



Date: 17 MAY 2021 20:54:00

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



Date: 18 MAY 2021 01:16:17



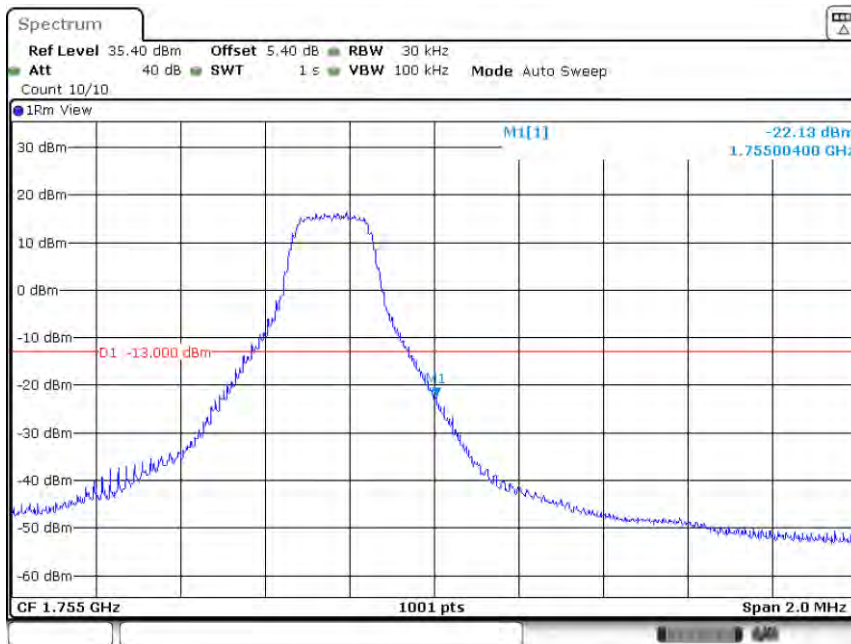
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Band4-3MHz-64QAM-19965-15RB#0



Date: 18 MAY 2021 01:16:38

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

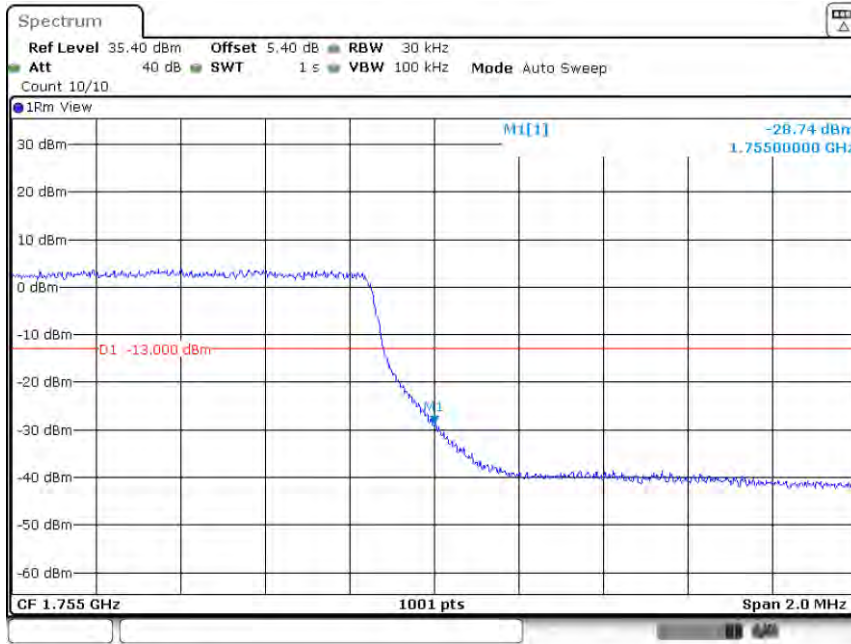


Date: 18 MAY 2021 01:17:03



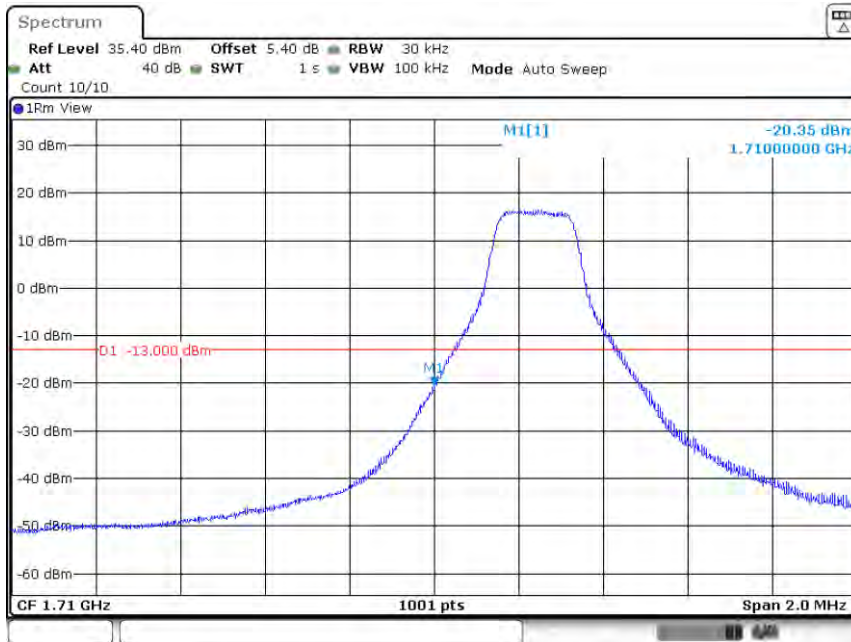
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Band4-3MHz-64QAM-20385-15RB#0



Date: 18 MAY 2021 01:17:24

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



Date: 17 MAY 2021 20:52:13



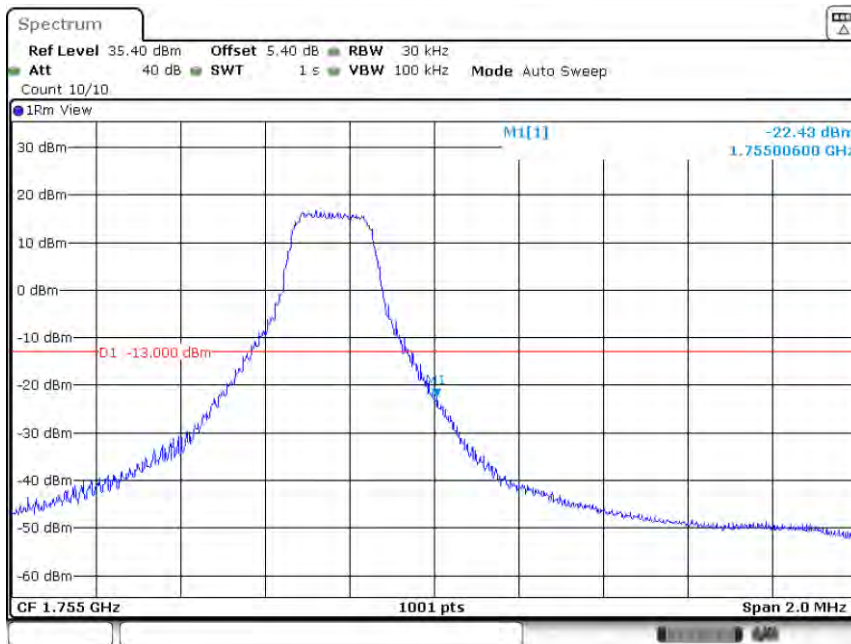
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Band4-3MHz-16QAM-19965-15RB#0



Date: 17.MAY.2021 20:52:54

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

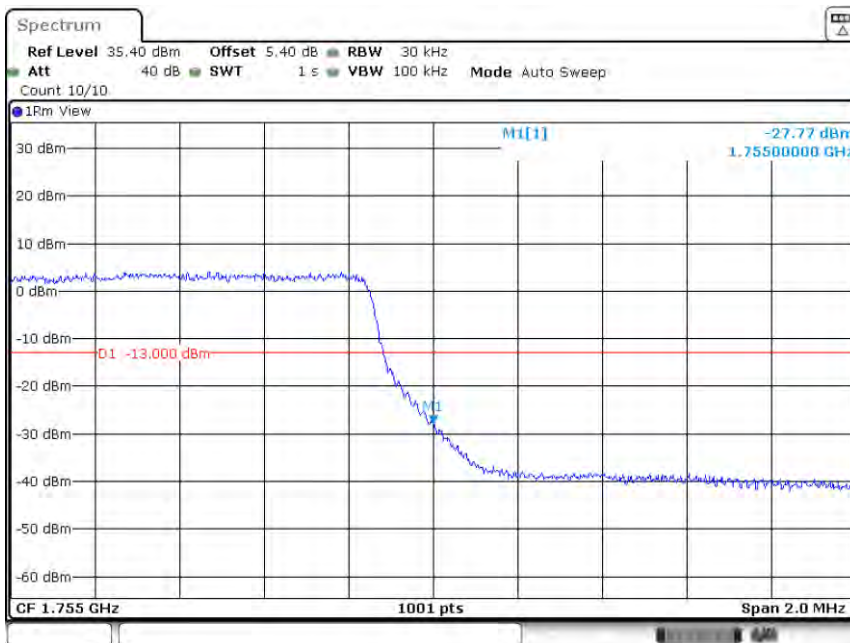


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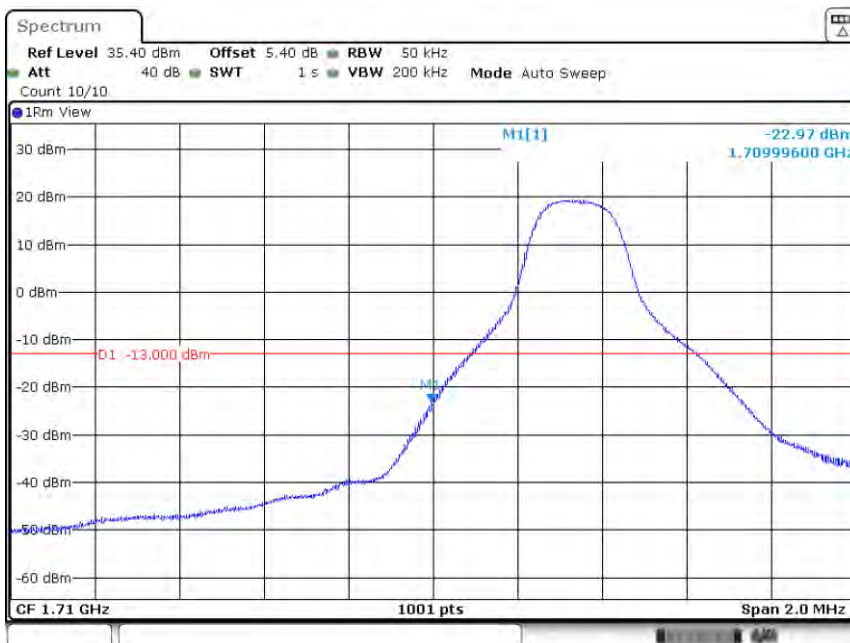
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Band4-3MHz-16QAM-20385-15RB#0



Date: 17.MAY.2021 20:54:20

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



Date: 17.MAY.2021 20:54:45



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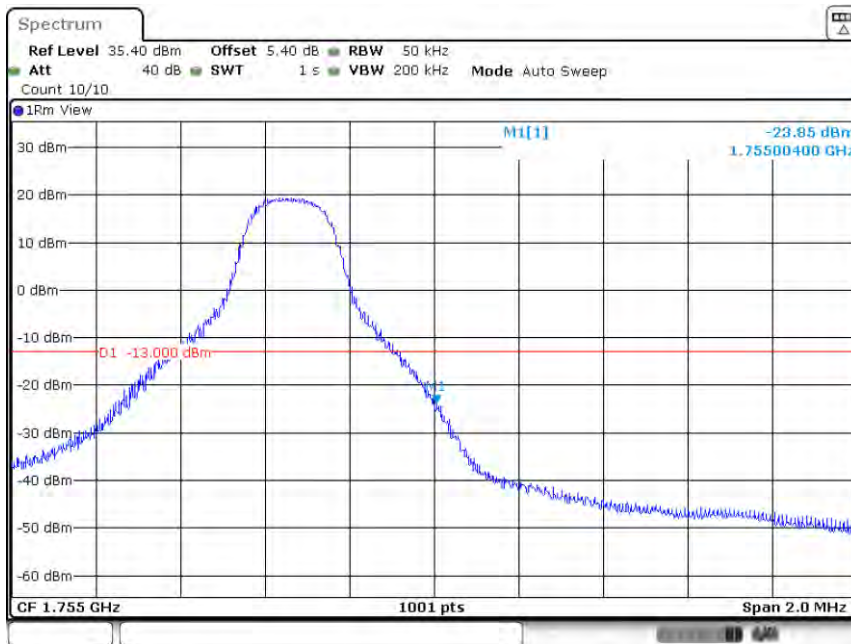
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Band4-5MHz-QPSK-19975-25RB#0



Date: 17.MAY.2021 20:55:26

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



Date: 17.MAY.2021 20:56:12



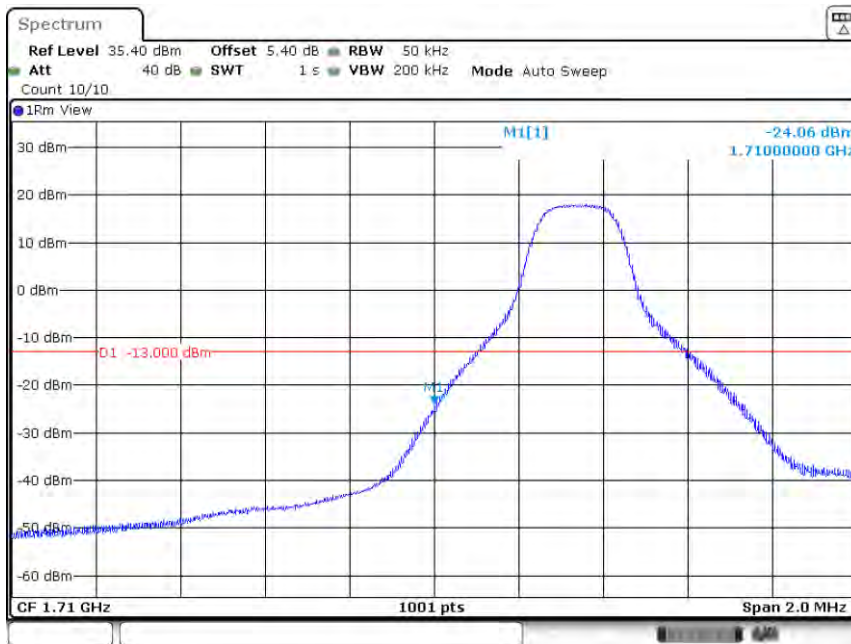
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Band4-5MHz-QPSK-20375-25RB#0



Date: 17 MAY 2021 20:56:52

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



Date: 18 MAY 2021 01:17:49



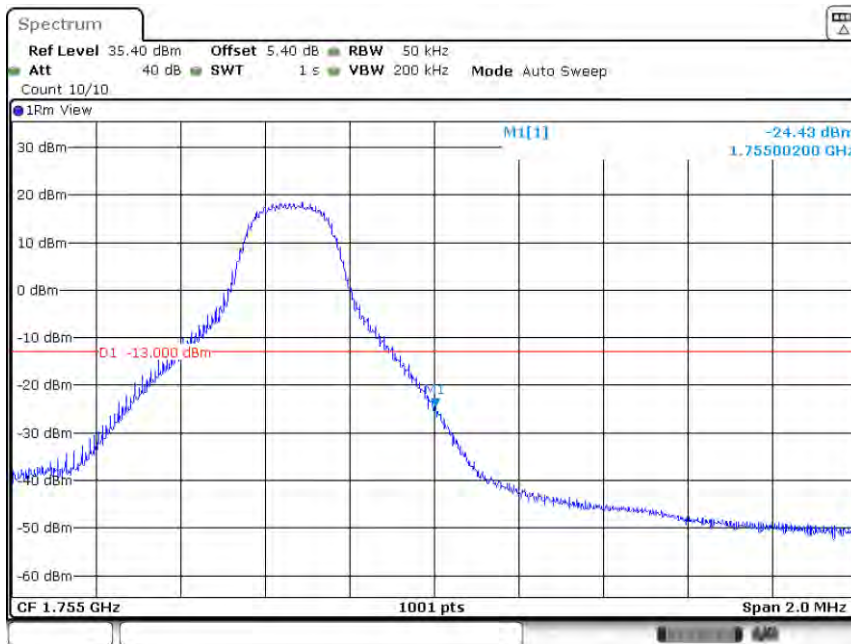
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Band4-5MHz-64QAM-19975-25RB#0



Date: 18 MAY 2021 01:18:10

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



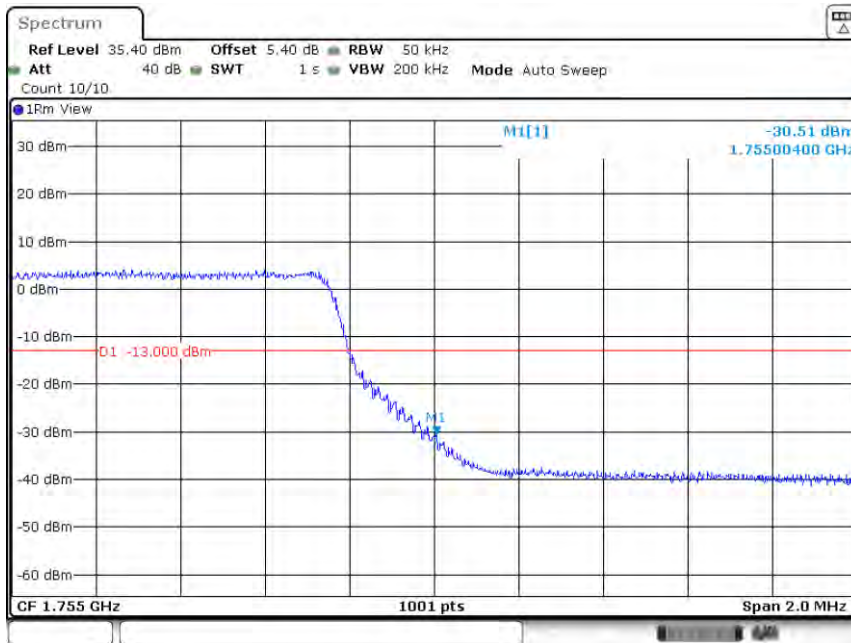
Date: 18 MAY 2021 01:18:35



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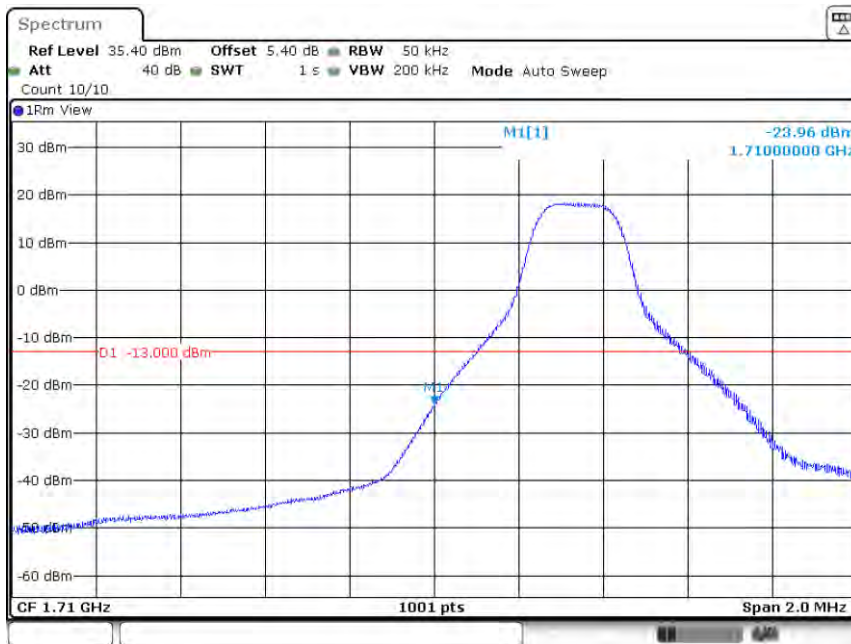


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Date: 18 MAY 2021 01:18:56

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

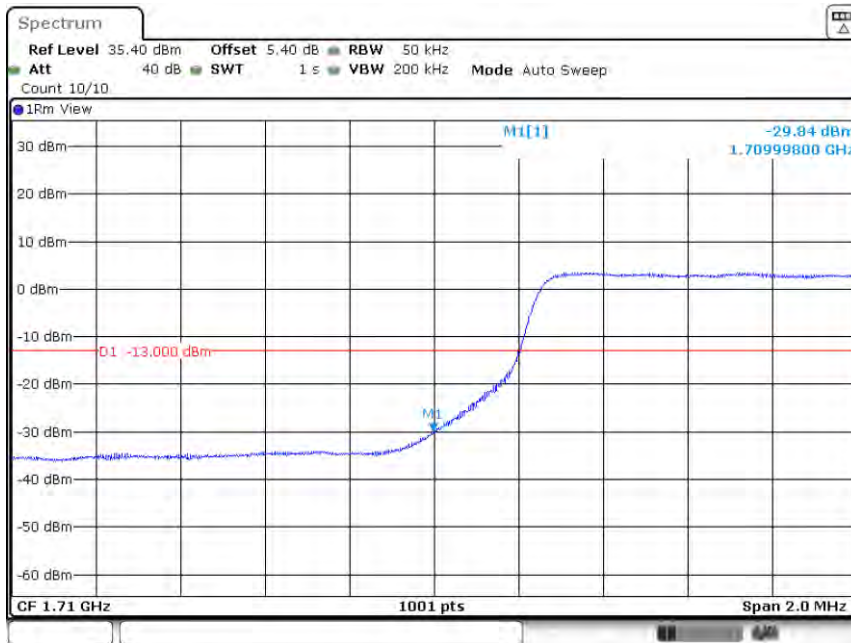


Date: 17 MAY 2021 20:55:06



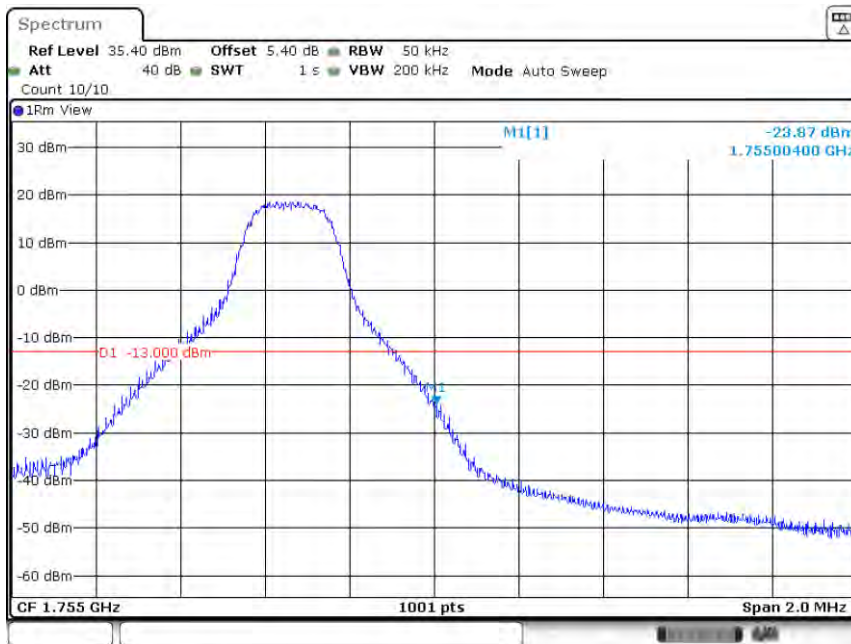
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Band4-5MHz-16QAM-19975-25RB#0



Date: 17 MAY 2021 20:55:47

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

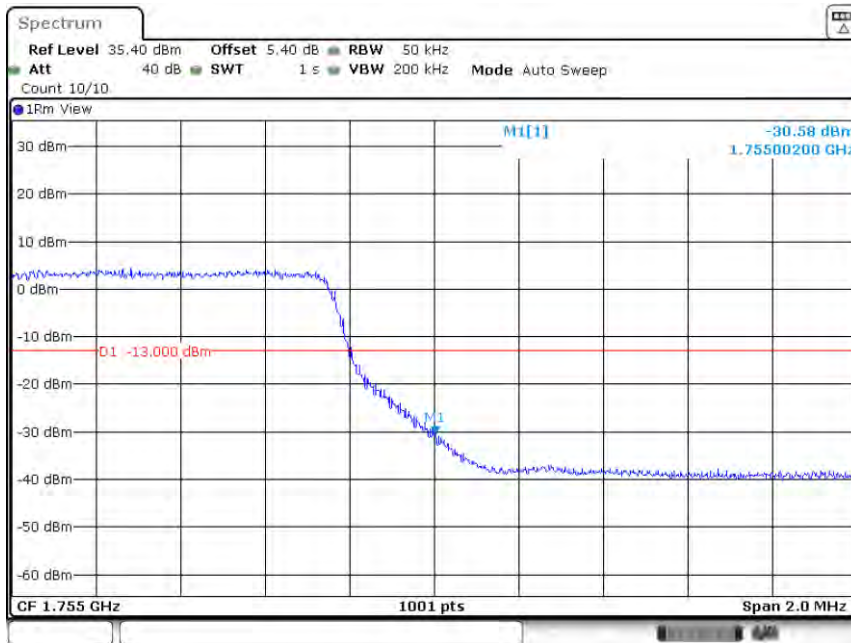


Date: 17 MAY 2021 20:56:32



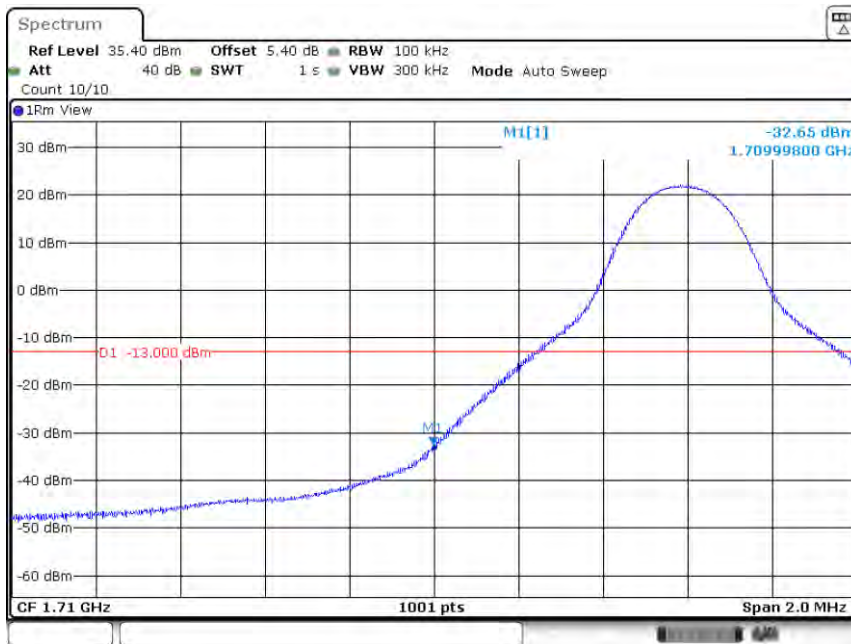
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Band4-5MHz-16QAM-20375-25RB#0



Date: 17.MAY.2021 20:57:13

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



Date: 17.MAY.2021 20:57:38



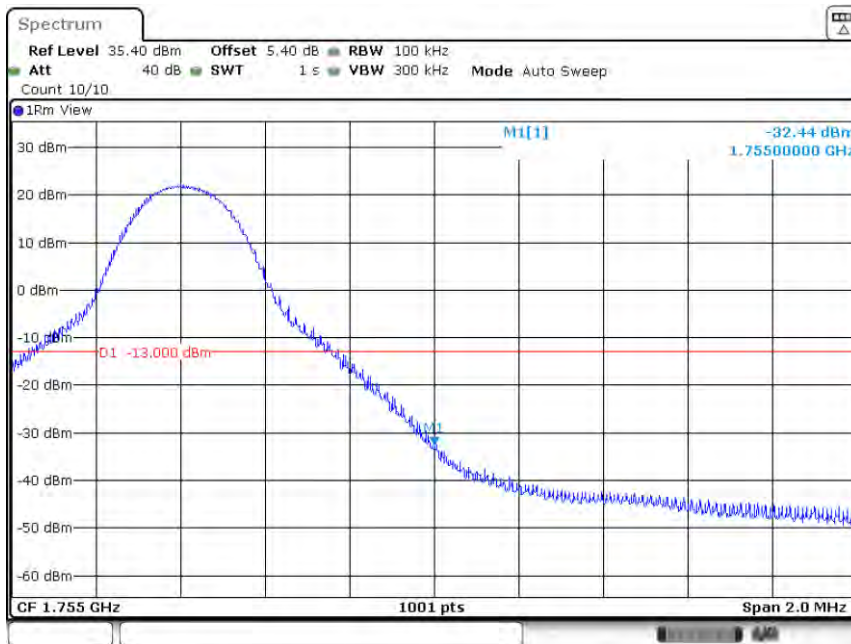
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Band4-10MHz-QPSK-20000-50RB#0



Date: 17.MAY.2021 20:58:19

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

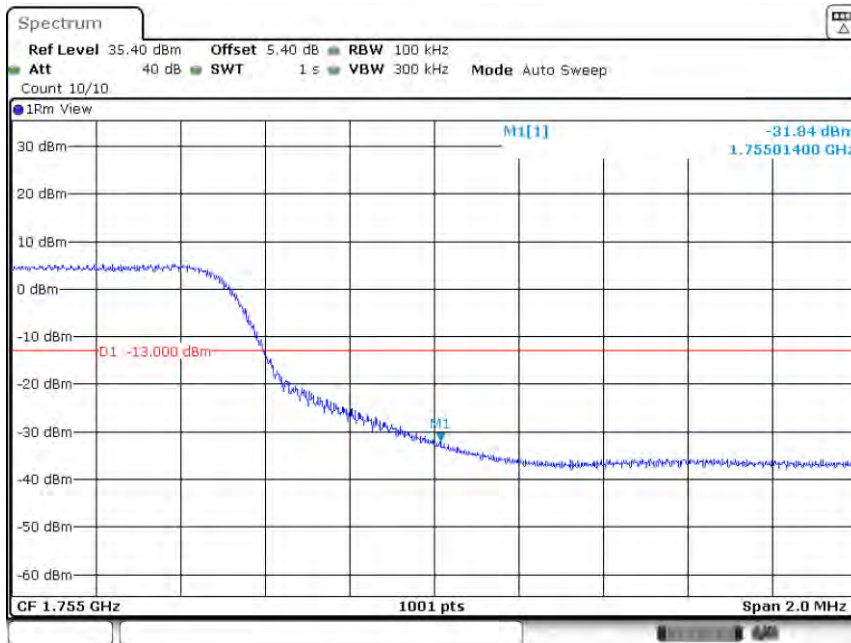


Date: 17.MAY.2021 20:59:05



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



Date: 17 MAY 2021 20:59:46

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

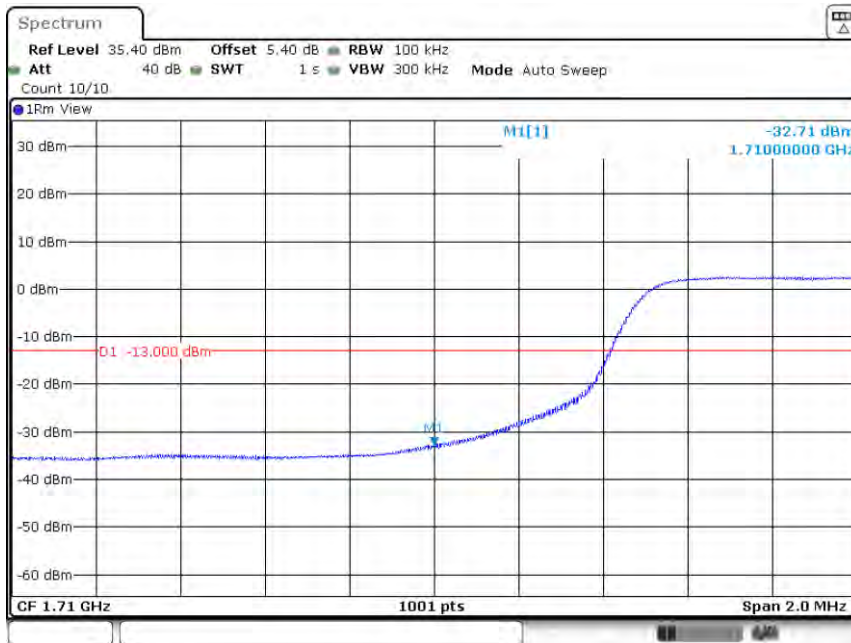


Date: 18 MAY 2021 01:19:21



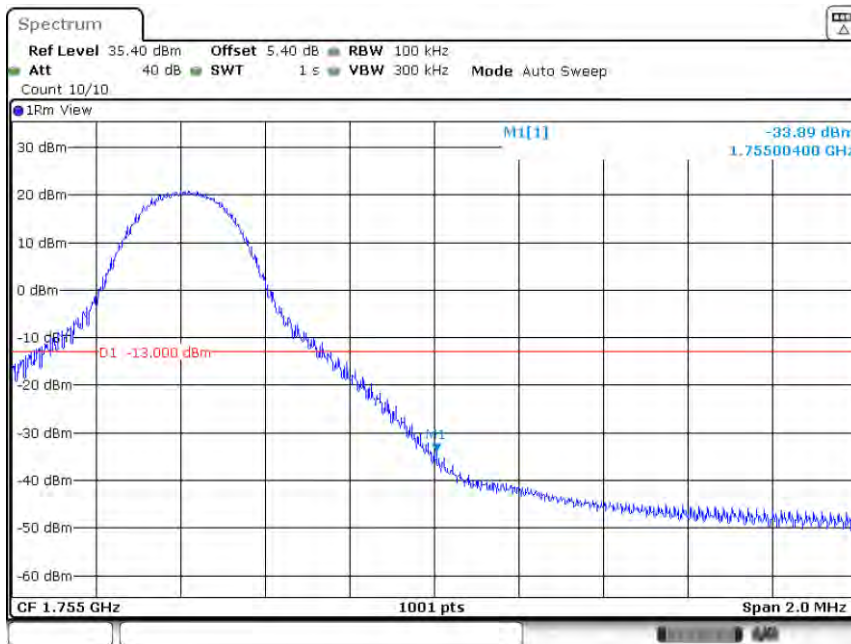
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Band4-10MHz-64QAM-20000-50RB#0



Date: 18 MAY 2021 01:19:42

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

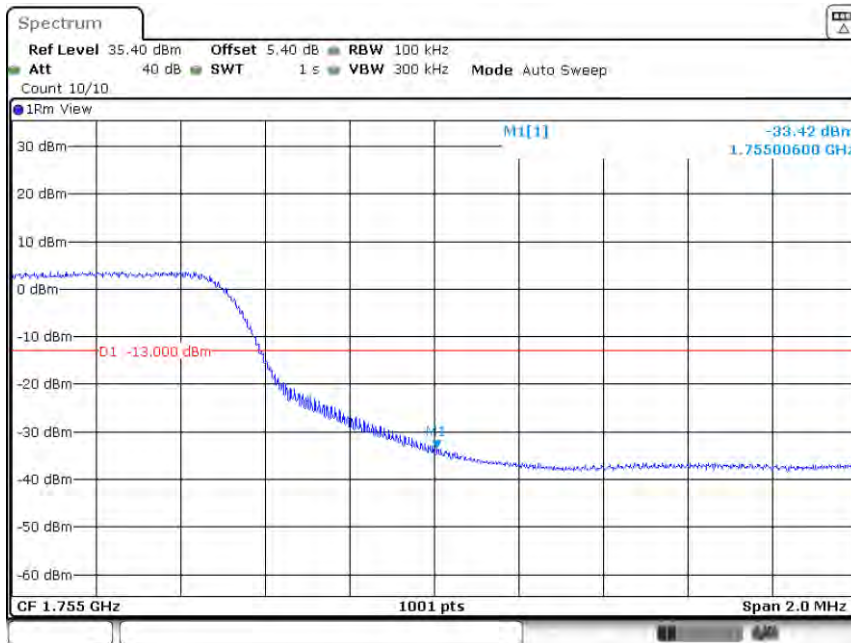


Date: 18 MAY 2021 01:20:07



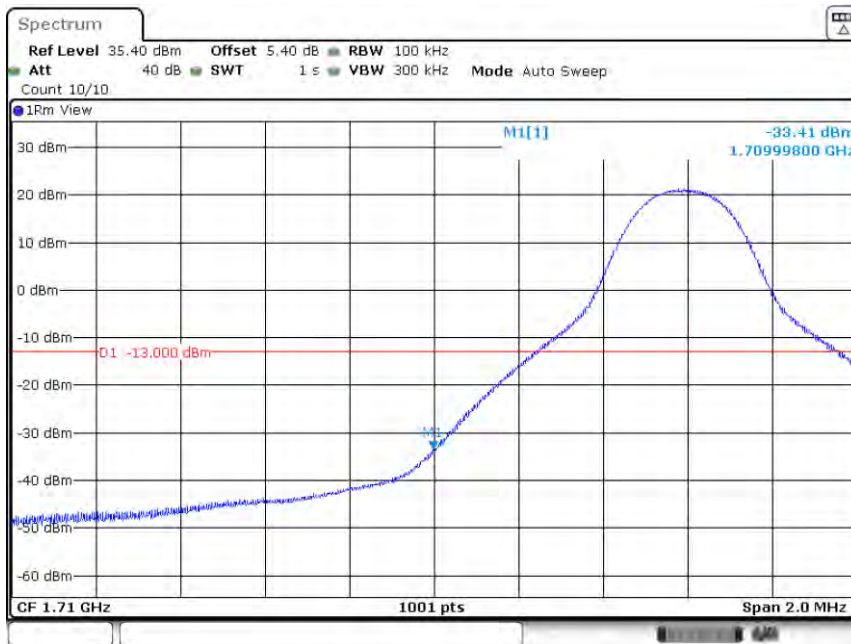
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Band4-10MHz-64QAM-20350-50RB#0



Date: 18 MAY 2021 01:20:28

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



Date: 17 MAY 2021 20:57:59



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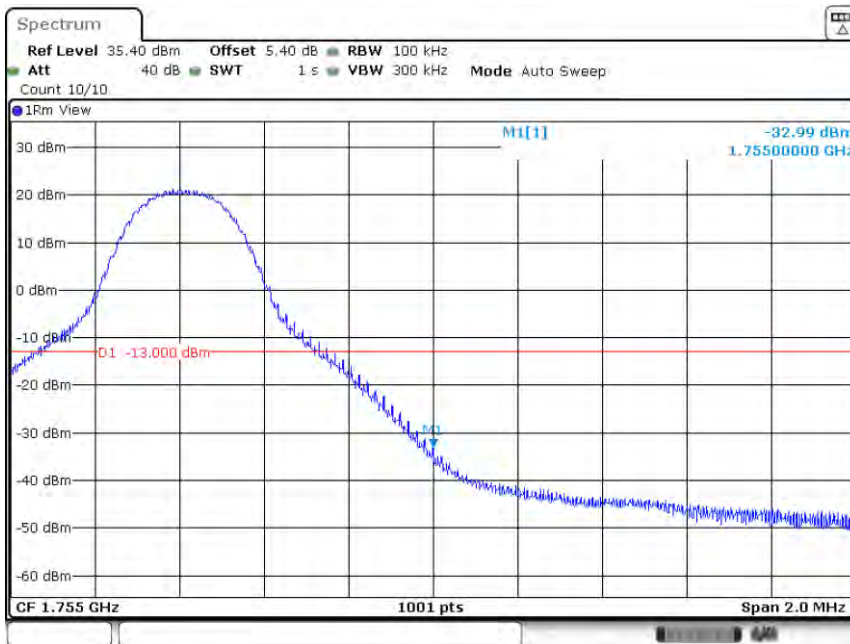


Band4-10MHz-16QAM-20000-50RB#0



Date: 17.MAY.2021 20:58:40

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

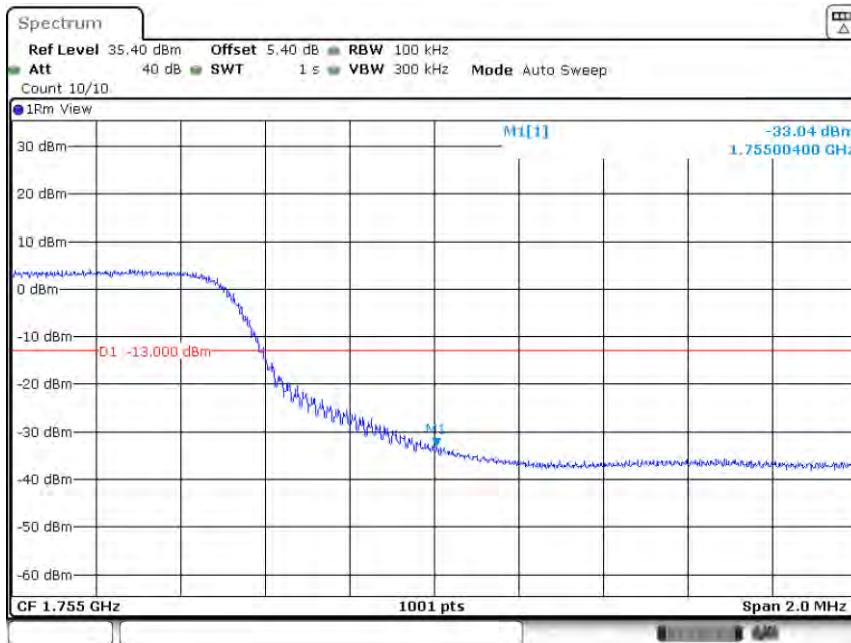


Date: 17.MAY.2021 20:59:26



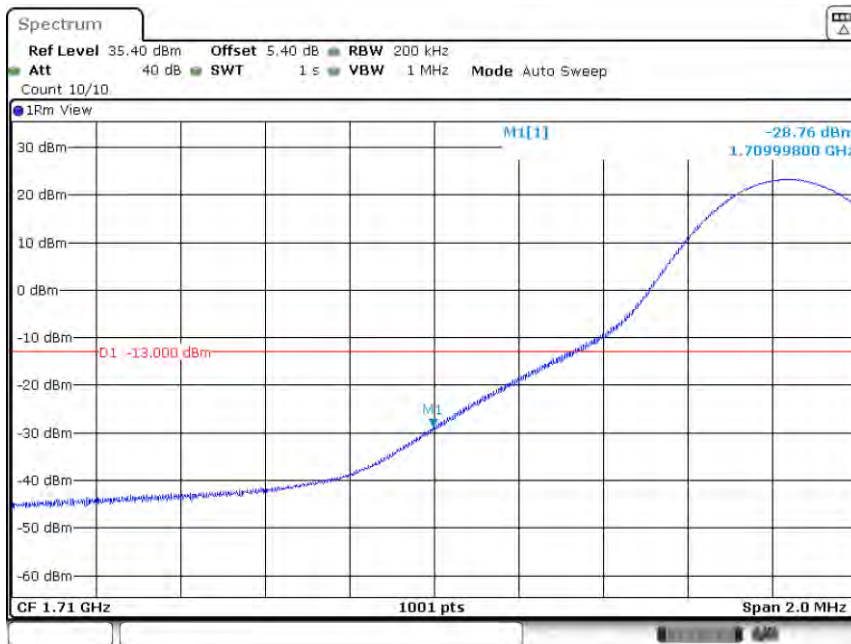
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Band4-10MHz-16QAM-20350-50RB#0



Date: 17 MAY 2021 21:00:07

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



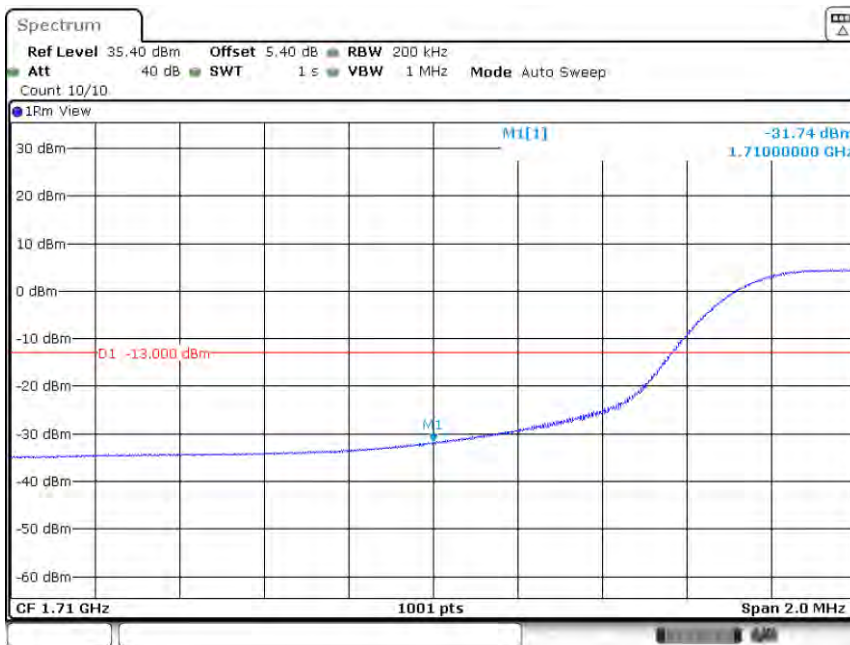
Date: 17 MAY 2021 21:00:32



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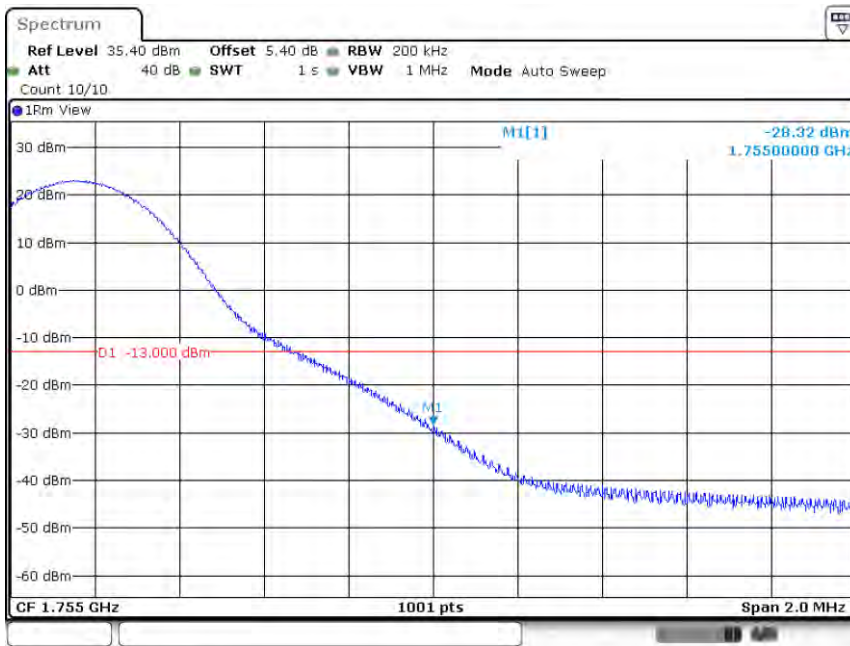


Band4-15MHz-QPSK-20025-75RB#0



Date: 17 MAY 2021 21:01:13

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

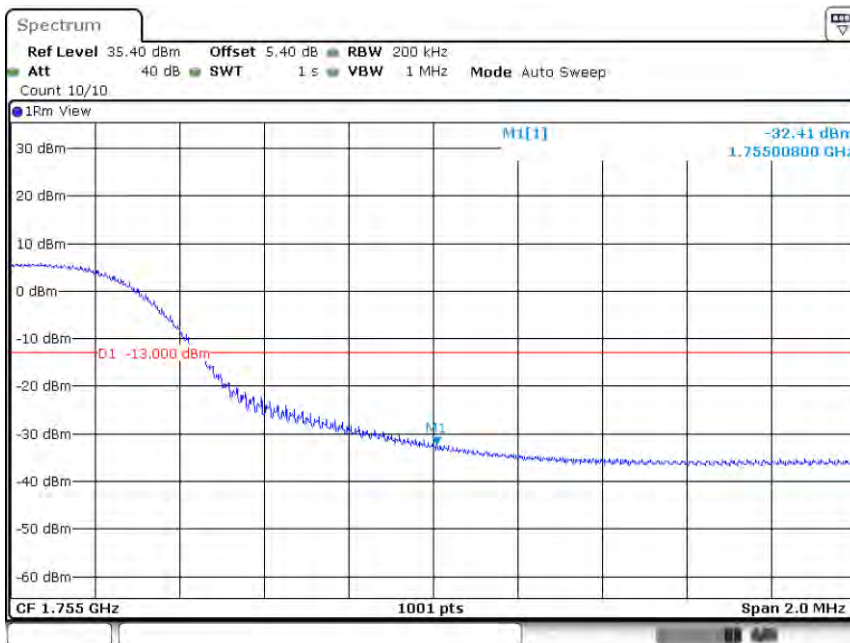


Date: 25 MAY 2021 22:03:49



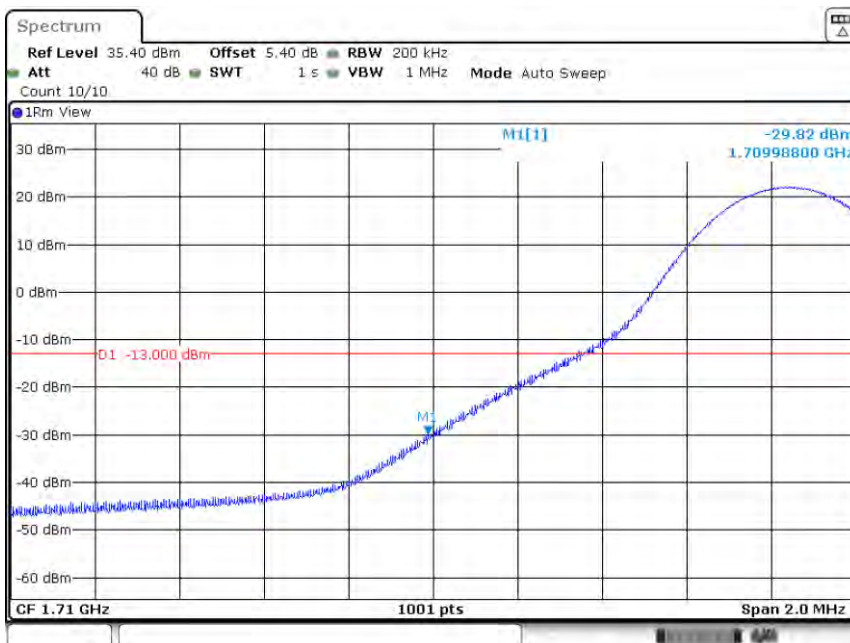
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Band4-15MHz-QPSK-20325-75RB#0



Date: 25.MAY.2021 22:04:30

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

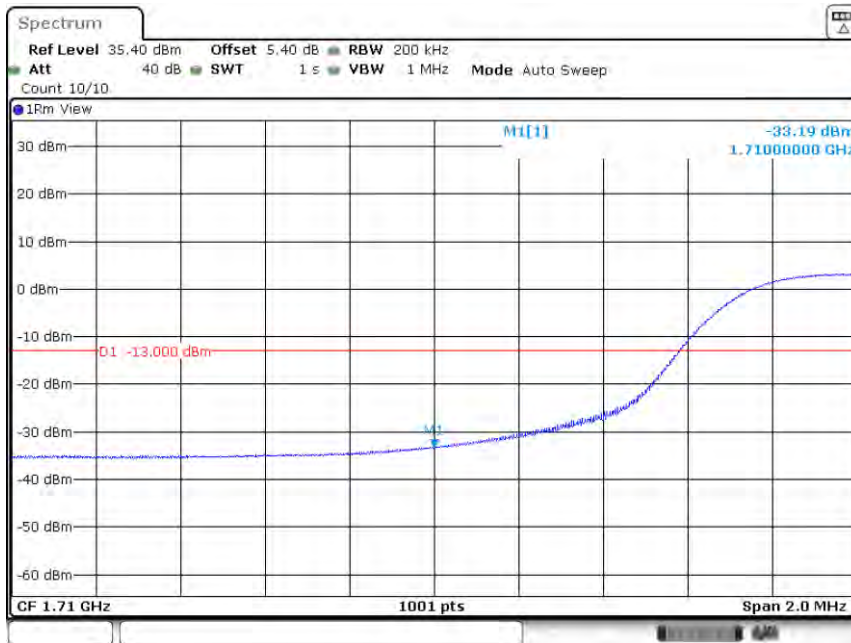


Date: 18.MAY.2021 01:20:54



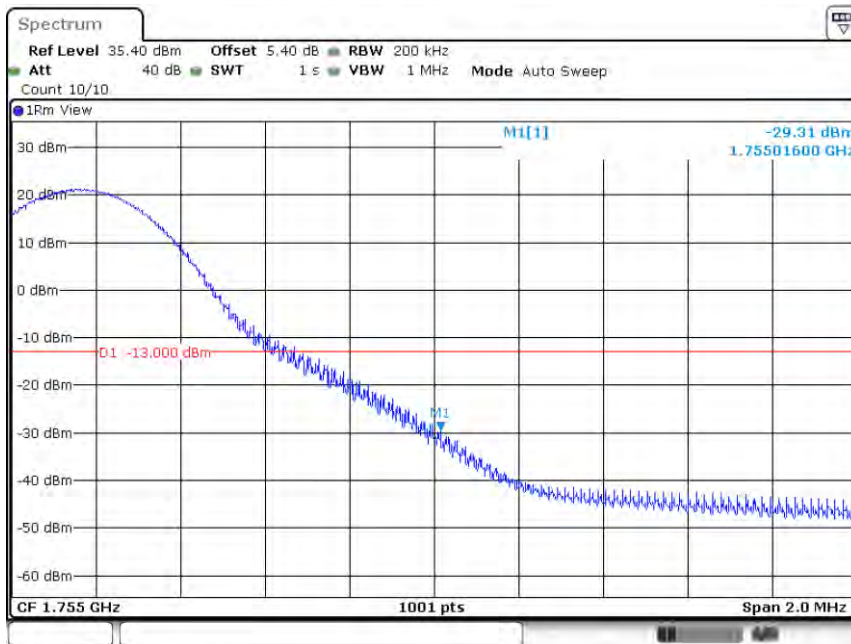
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Band4-15MHz-64QAM-20025-75RB#0



Date: 18 MAY 2021 01:21:14

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

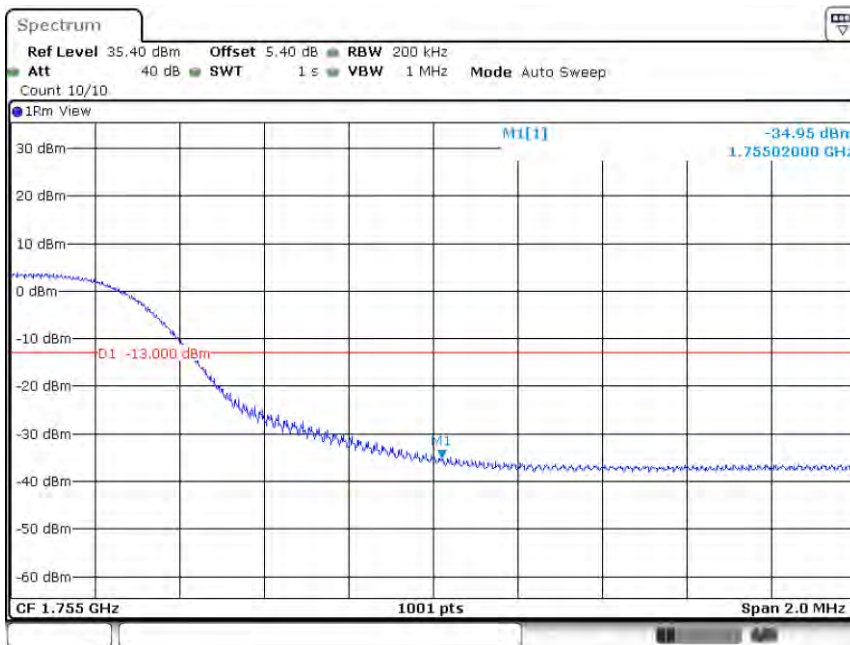


Date: 25 MAY 2021 22:05:15



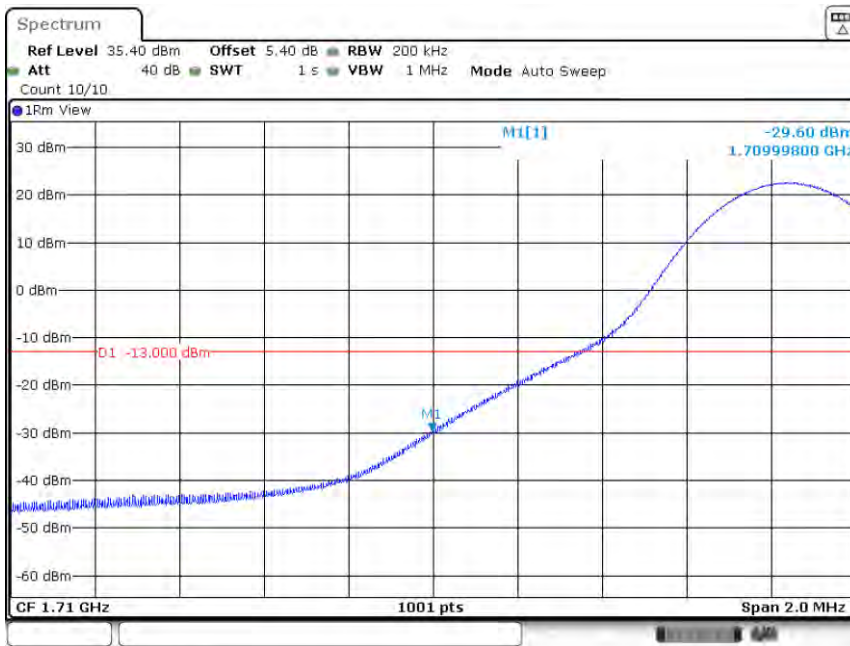
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Band4-15MHz-64QAM-20325-75RB#0



Date: 25.MAY.2021 22:05:36

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



Date: 17.MAY.2021 21:00:52



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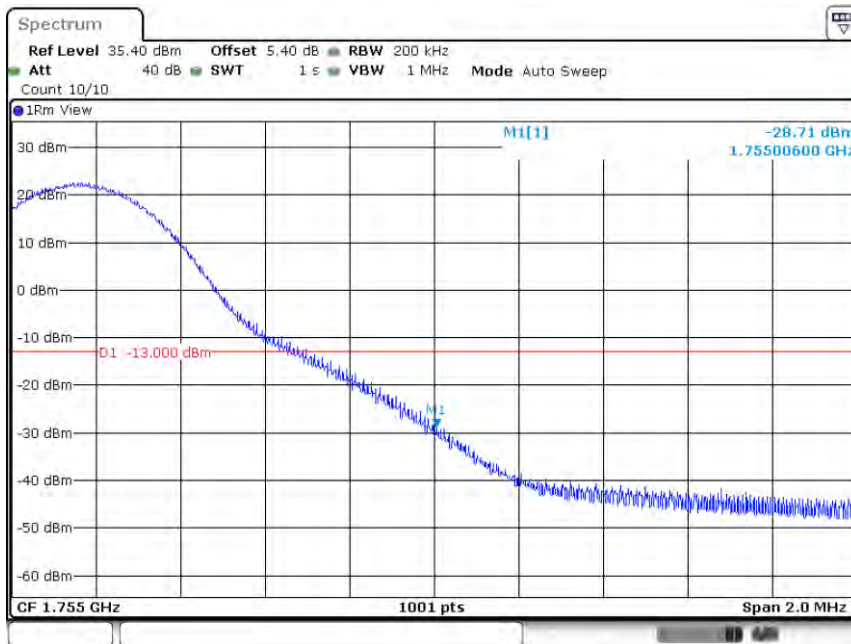
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Band4-15MHz-16QAM-20025-75RB#0



Date: 17.MAY.2021 21:01:33

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

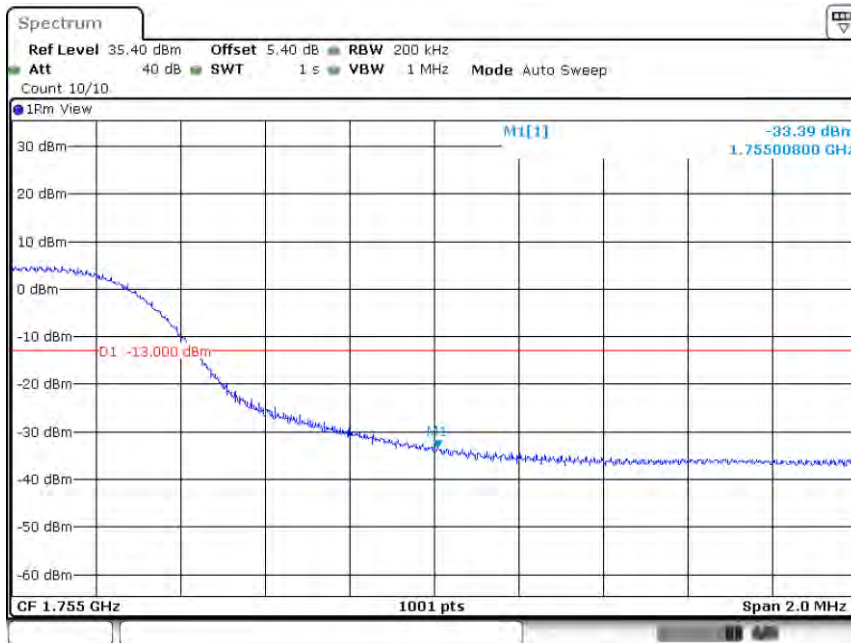


Date: 25.MAY.2021 22:04:09



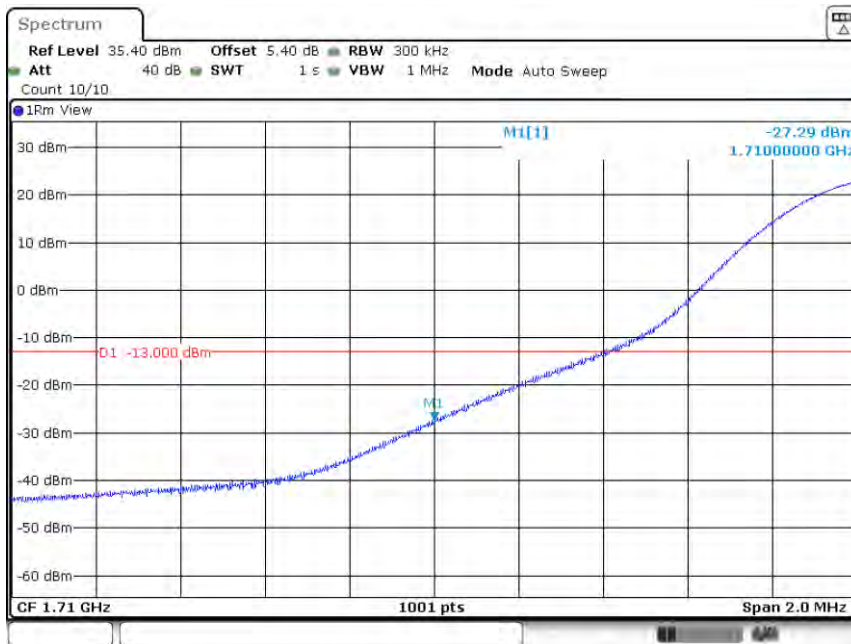
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Band4-15MHz-16QAM-20325-75RB#0



Date: 25.MAY.2021 22:04:50

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



Date: 17.MAY.2021 21:03:25



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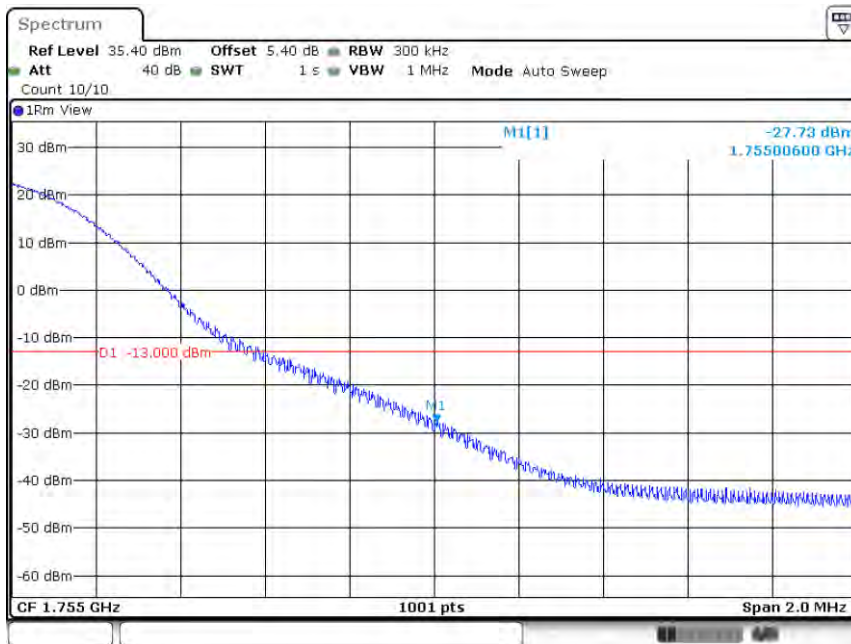


Band4-20MHz-QPSK-20050-100RB#0



Date: 17 MAY 2021 21:04:06

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



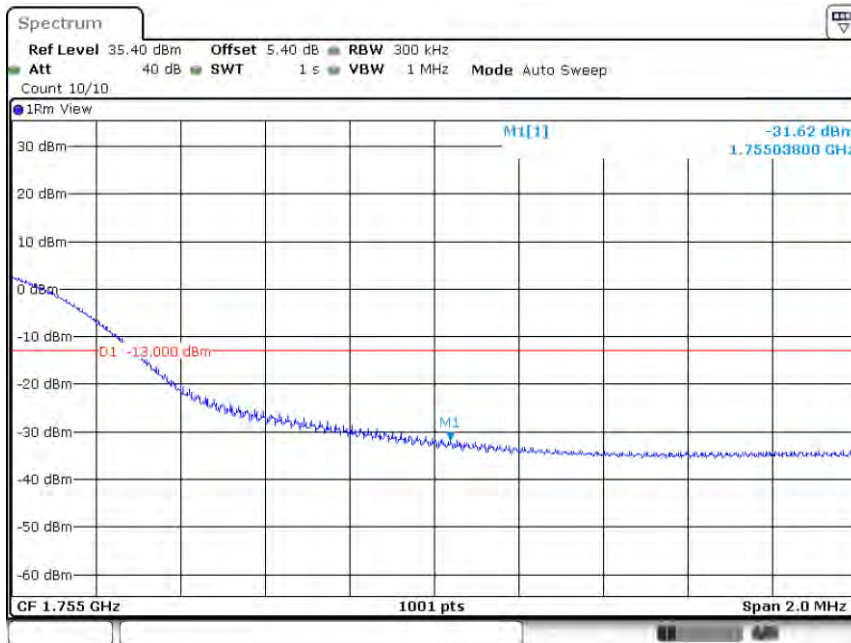
Date: 25 MAY 2021 22:08:05



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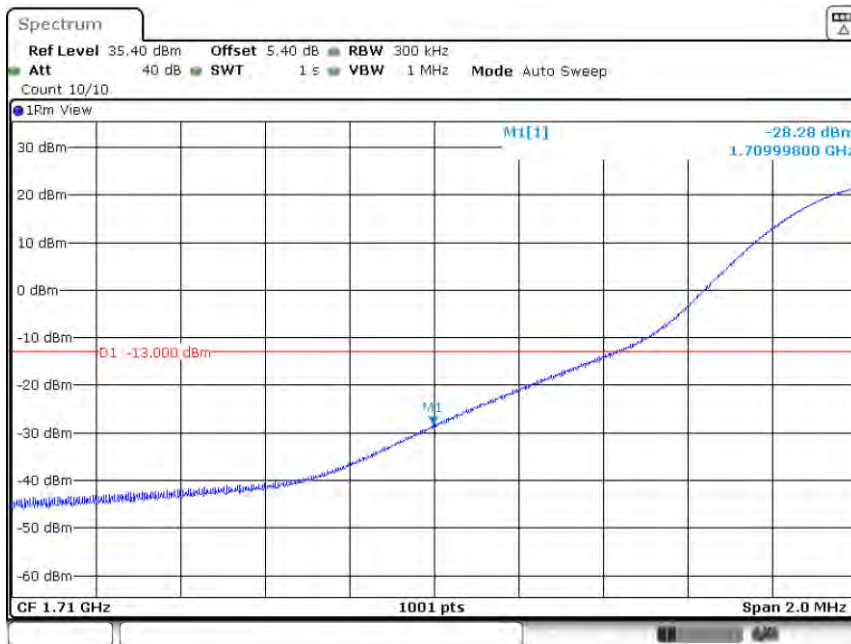
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Band4-20MHz-QPSK-20300-100RB#0



Date: 25 MAY 2021 22:08:46

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



Date: 18 MAY 2021 01:22:25



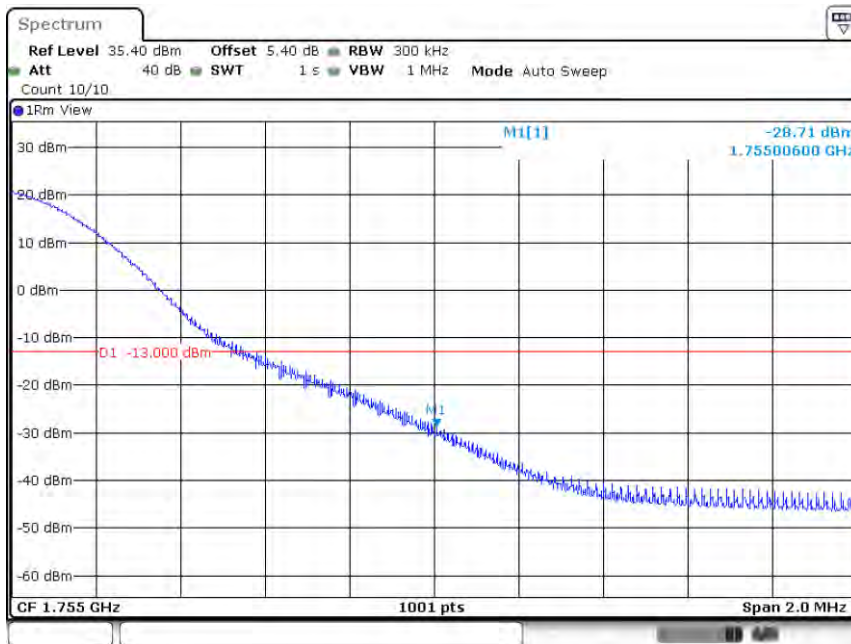
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Band4-20MHz-64QAM-20050-100RB#0



Date: 18 MAY 2021 01:22:46

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

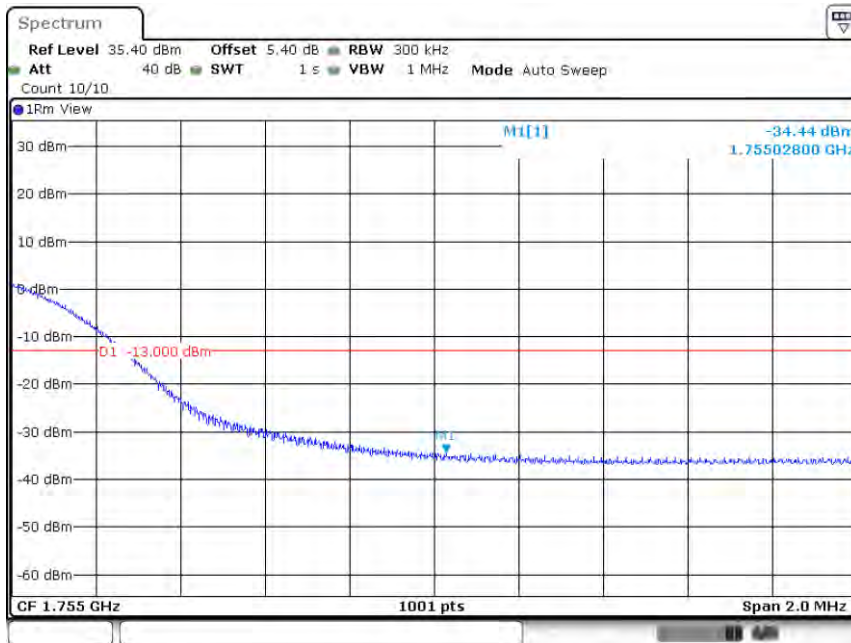


Date: 25 MAY 2021 22:09:32



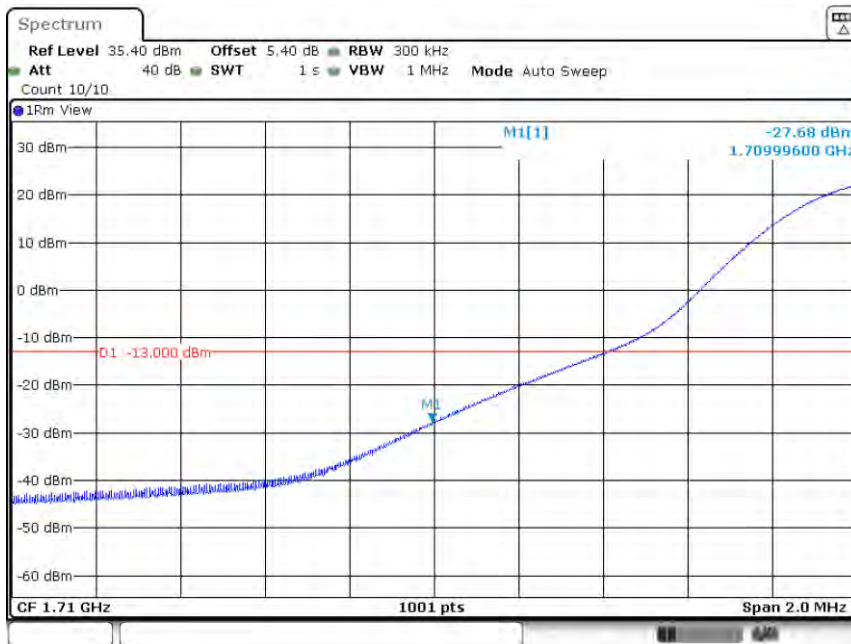
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Band4-20MHz-64QAM-20300-100RB#0



Date: 25.MAY.2021 22:09:52

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

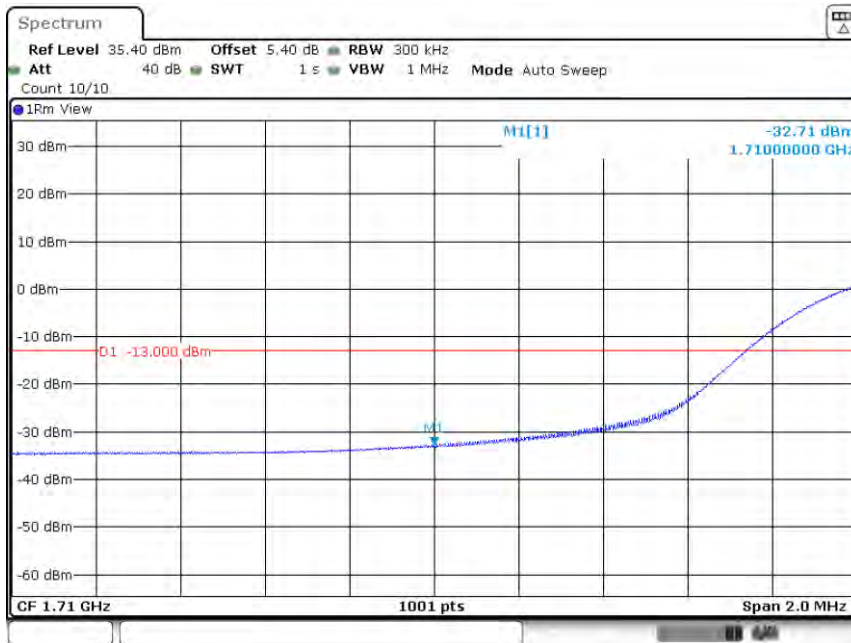


Date: 17.MAY.2021 21:03:46



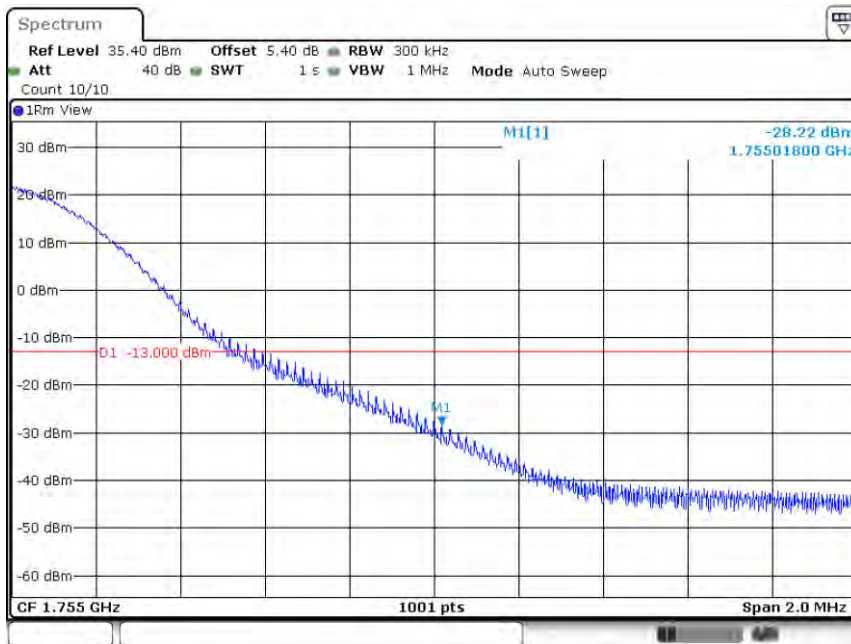
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Band4-20MHz-16QAM-20050-100RB#0



Date: 17.MAY.2021 21:04:28

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

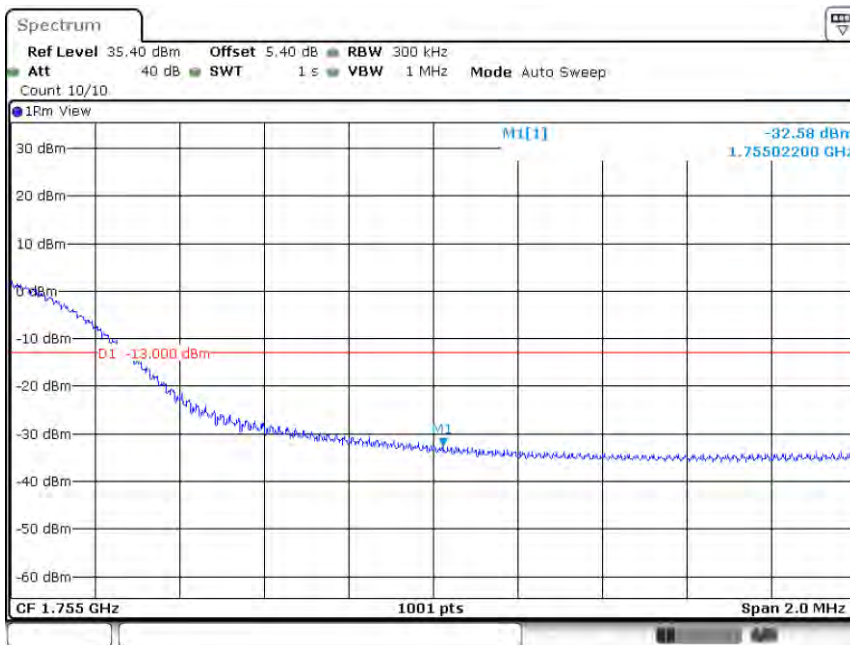


Date: 25.MAY.2021 22:08:26



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



Date: 25.MAY.2021 22:09:07



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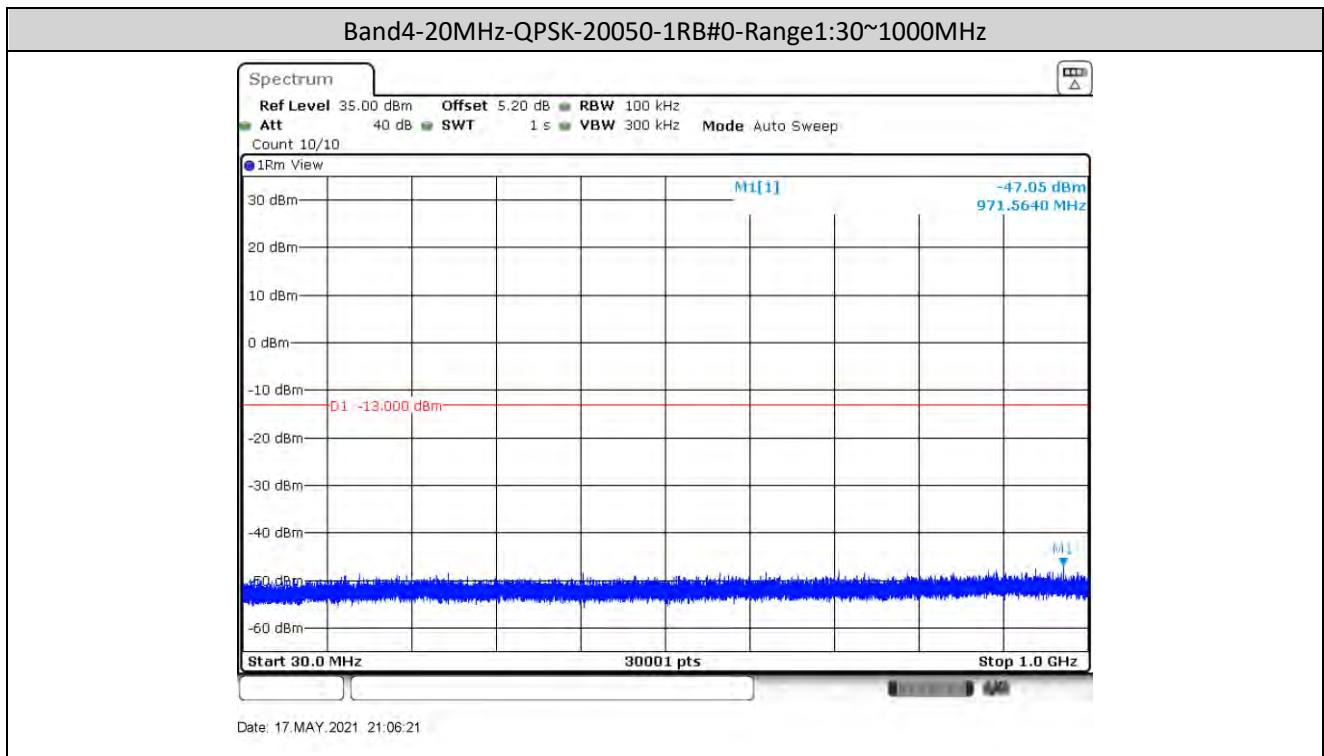
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

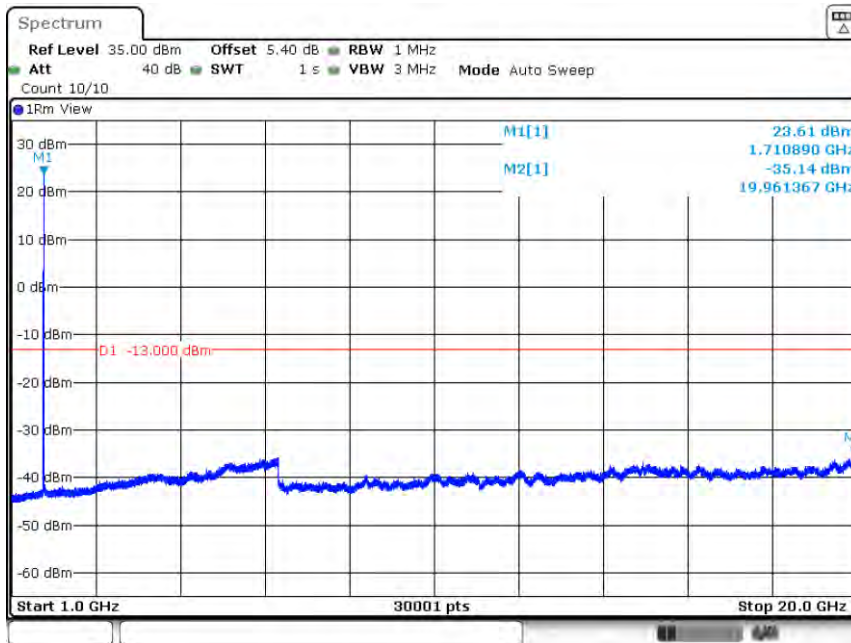
6.1. Test Plots



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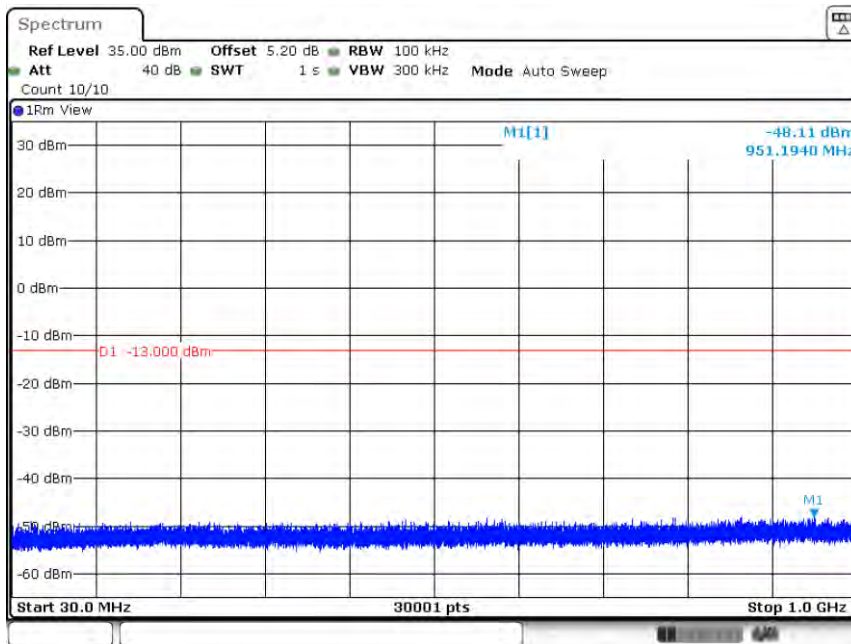
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Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 17.MAY.2021 21:06:38

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



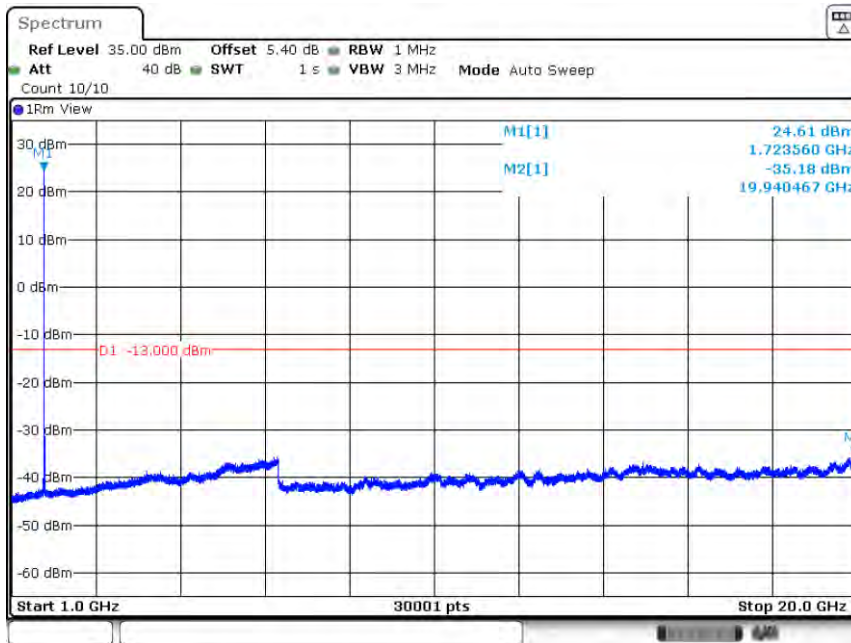
Date: 17.MAY.2021 21:07:32



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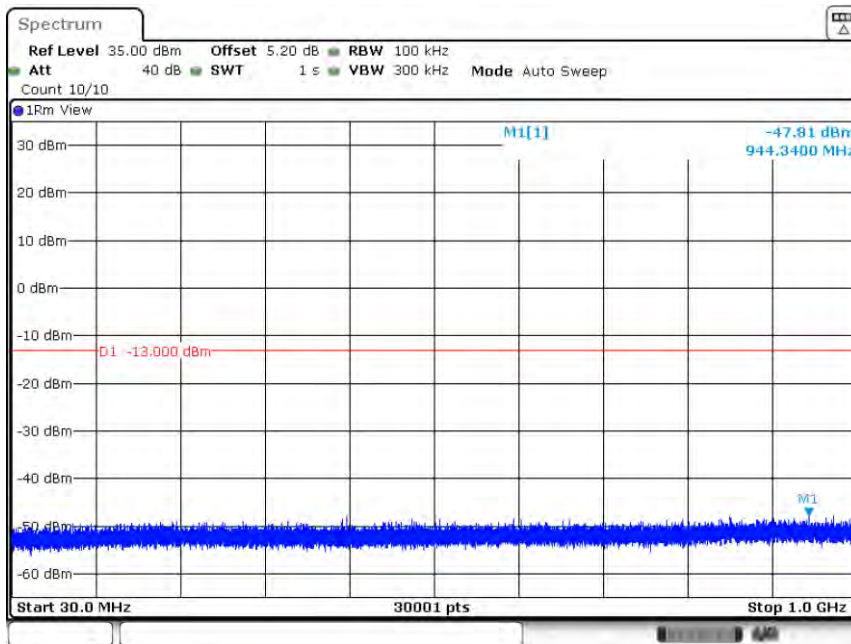
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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 17.MAY.2021 21:07:48

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

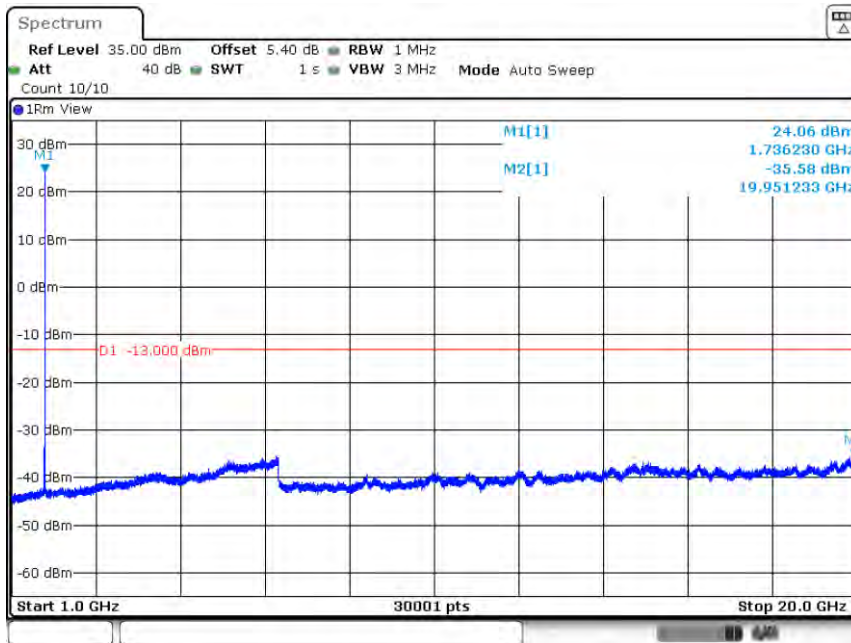


Date: 17.MAY.2021 21:08:42



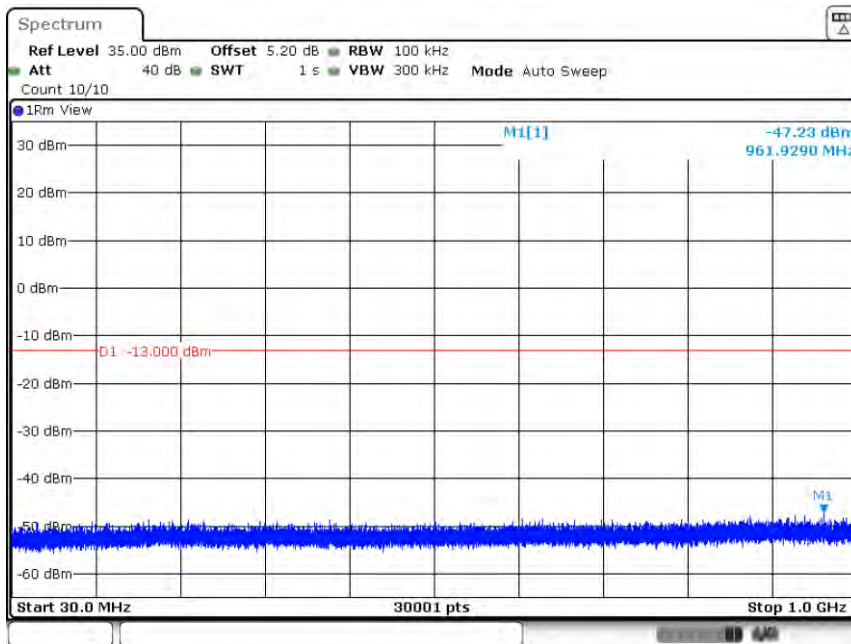
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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 17.MAY.2021 21:08:58

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



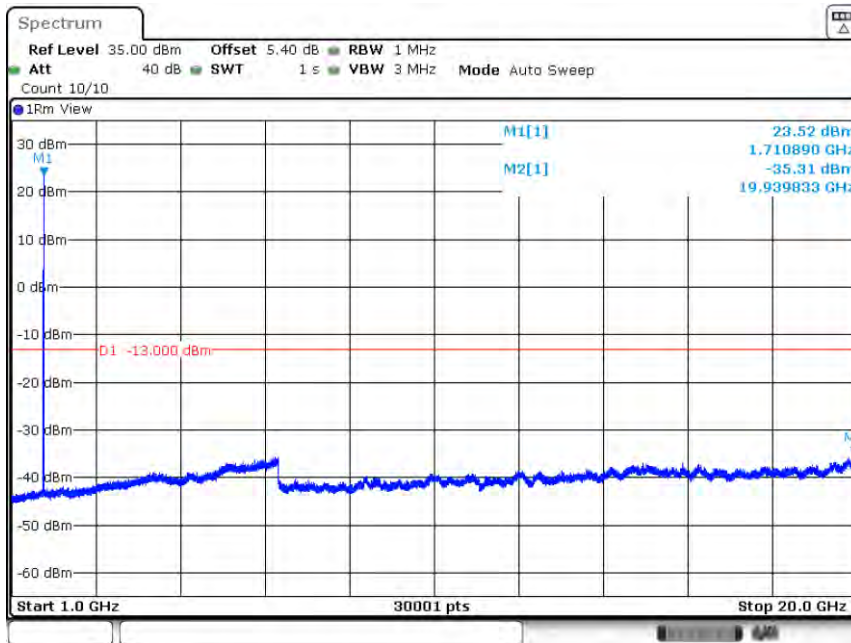
Date: 18.MAY.2021 01:23:55



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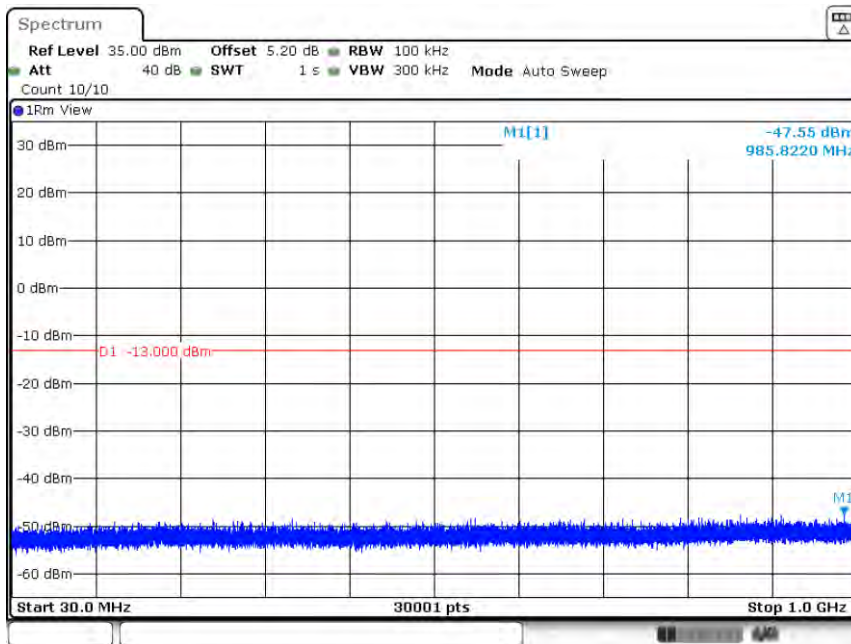
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 18 MAY 2021 01:24:12

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

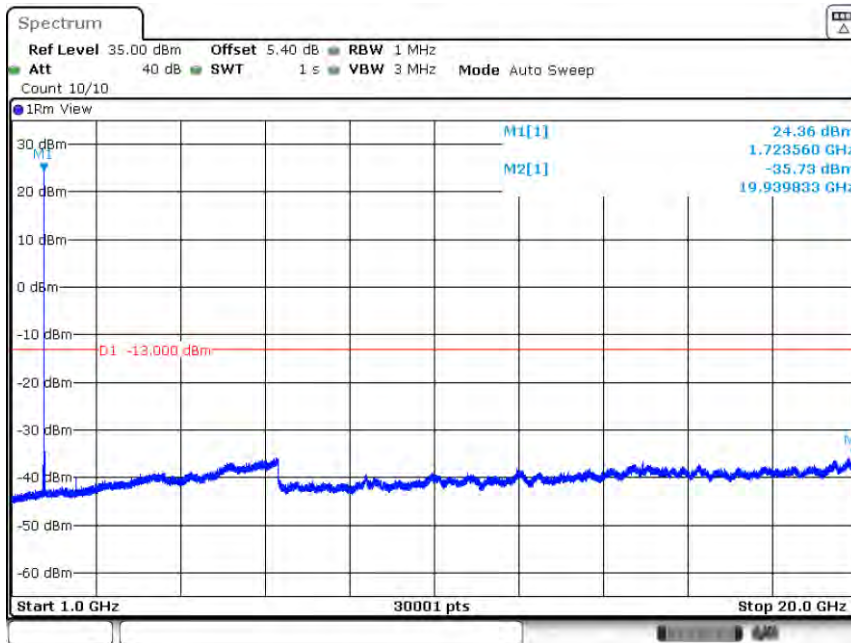


Date: 18 MAY 2021 01:24:31



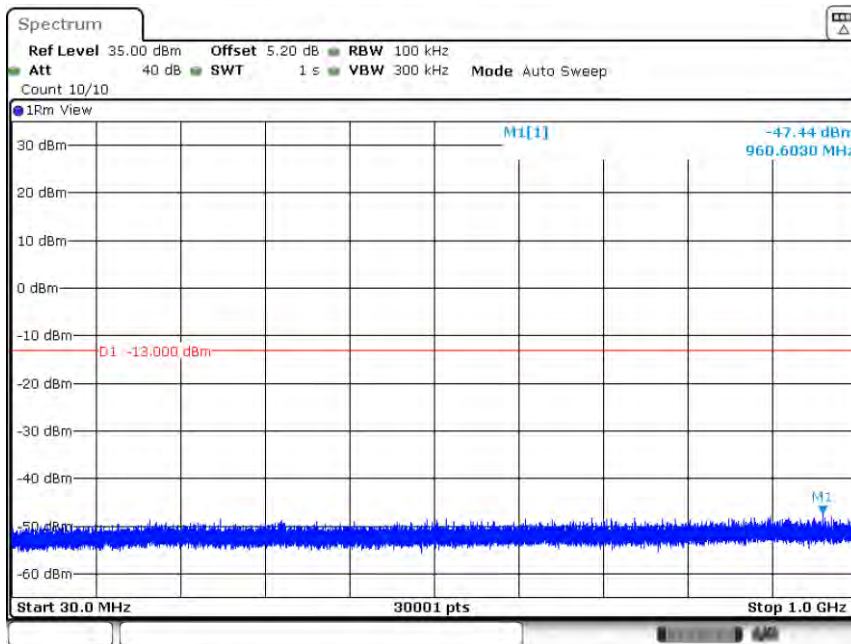
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 18 MAY 2021 01:24:47

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



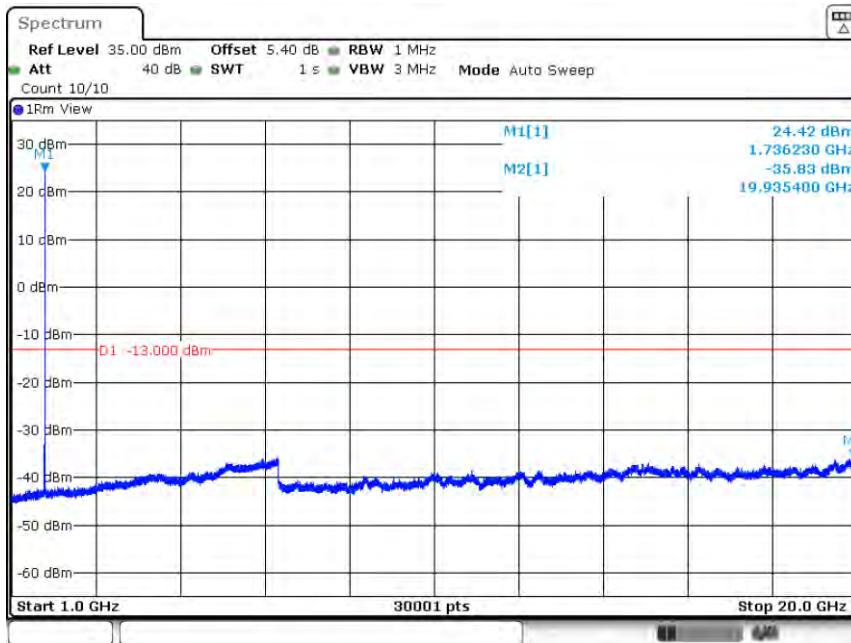
Date: 18 MAY 2021 01:25:06



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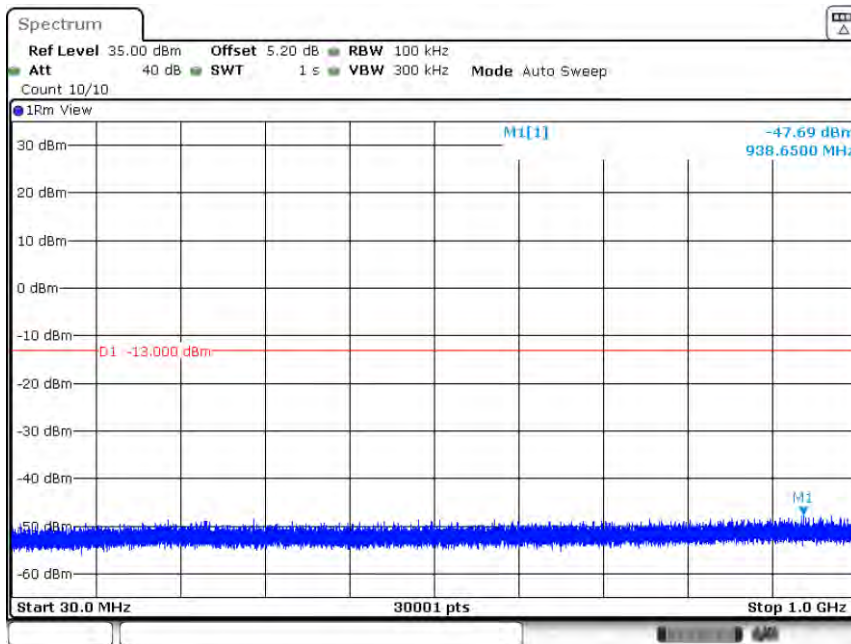
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 18 MAY.2021 01:25:22

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

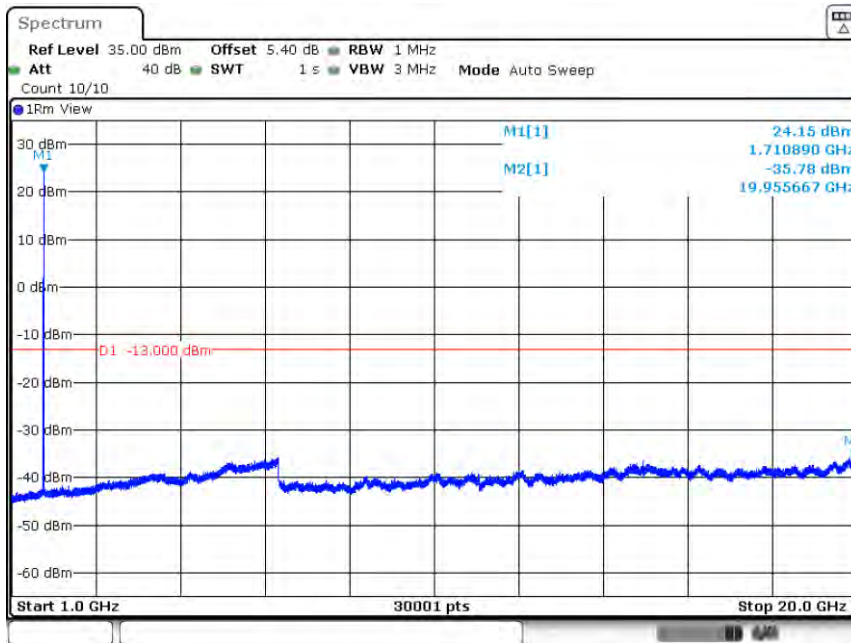


Date: 17 MAY.2021 21:06:56



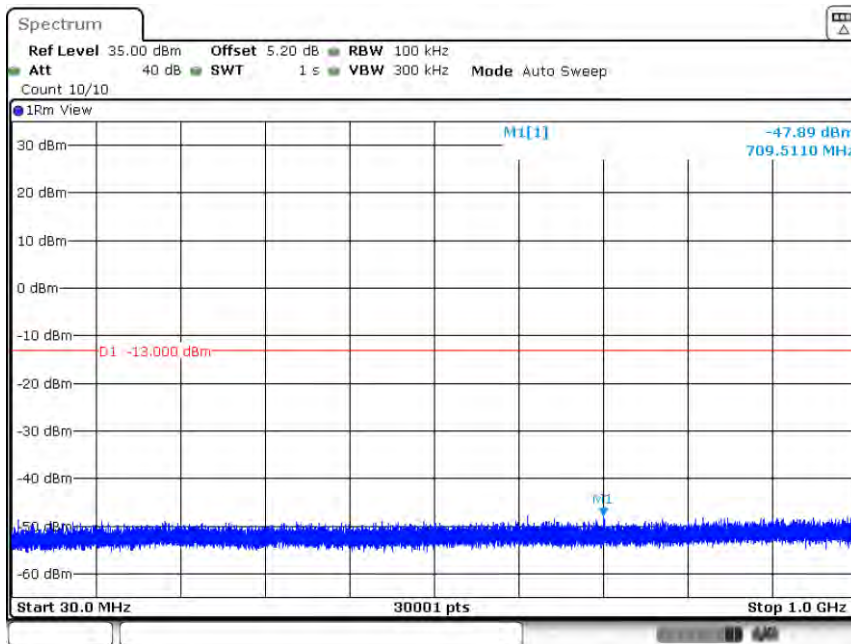
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 17.MAY.2021 21:07:13

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

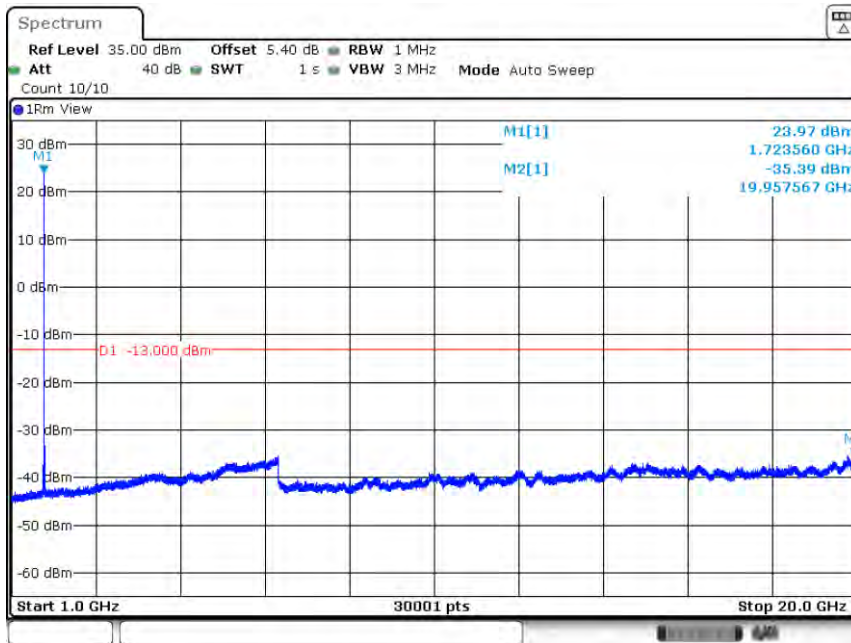


Date: 17.MAY.2021 21:08:07



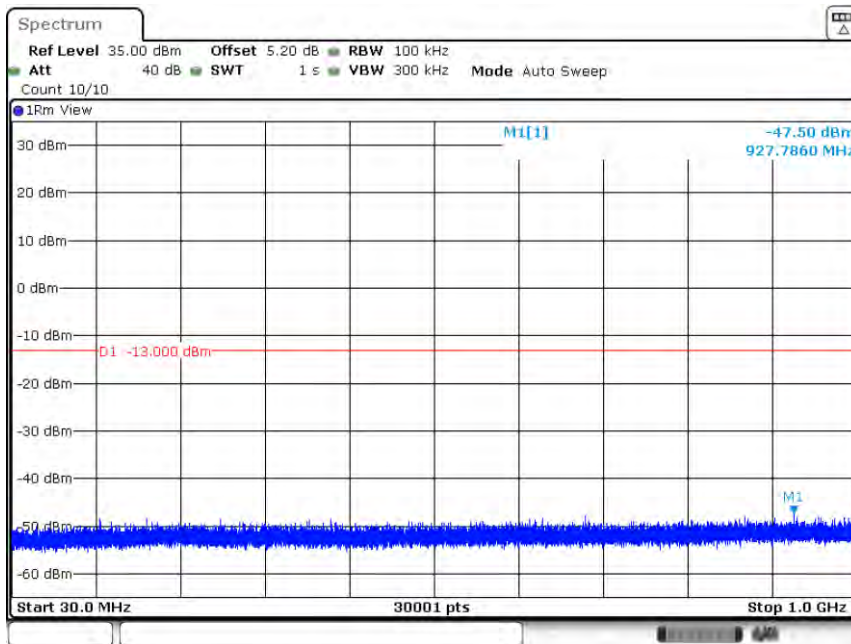
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 17.MAY.2021 21:08:23

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

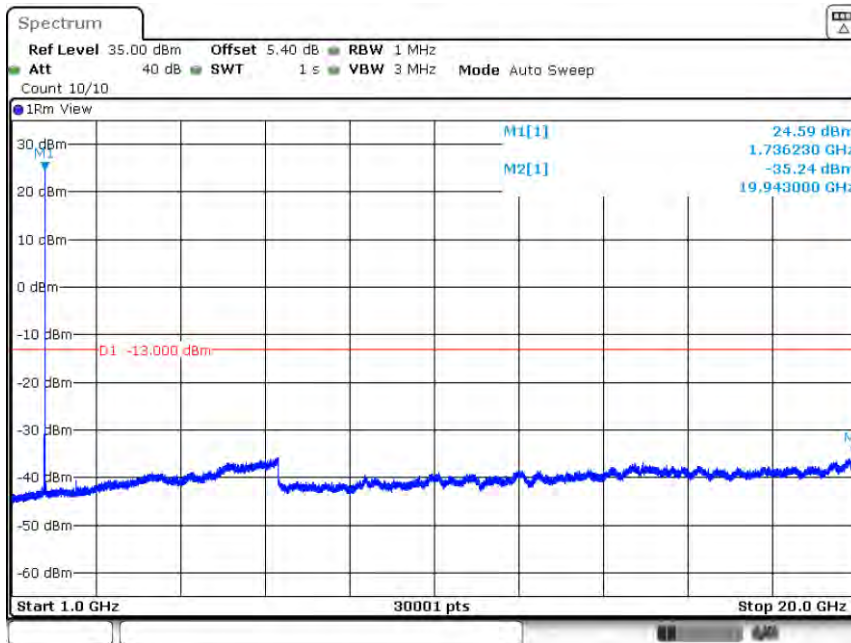


Date: 17.MAY.2021 21:09:17



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



Date: 17.MAY.2021 21:09:33



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7. Field Strength of Spurious Radiation

7.1. Test Band = _ LTE_Band4

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1261.9131	22.19	-48.19	-13.00	35.19	Horizontal
2	2505.8753	22.49	-44.10	-13.00	31.10	Horizontal
3	3422.2711	81.52	-34.47	-13.00	21.47	Horizontal
4	5133.1067	58.65	-50.92	-13.00	37.92	Horizontal
5	6844.6922	70.05	-34.65	-13.00	21.65	Horizontal
6	8555.5278	59.53	-40.56	-13.00	27.56	Horizontal



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7.2. Test Band = _ LTE_Band4

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1150.9075	22.58	-47.63	-13.00	34.63	Vertical
2	2695.4848	22.49	-43.33	-13.00	30.33	Vertical
3	3422.2711	78.41	-37.58	-13.00	24.58	Vertical
4	5133.1067	54.43	-55.14	-13.00	42.14	Vertical
5	6844.6922	66.02	-38.68	-13.00	25.68	Vertical
6	8555.5278	56.03	-44.06	-13.00	31.06	Vertical



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7.3. Test Band = _ LTE_Band4

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1181.7091	22.82	-47.76	-13.00	34.76	Horizontal
2	3447.0224	80.94	-35.00	-13.00	22.00	Horizontal
3	5170.6085	60.77	-48.49	-13.00	35.49	Horizontal
4	6894.1947	73.18	-31.27	-13.00	18.27	Horizontal
5	8617.7809	59.96	-40.39	-13.00	27.39	Horizontal
6	17919.746	49.05	-43.88	-13.00	30.88	Horizontal



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7.4. Test Band = _ LTE_Band4

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1285.0143	22.09	-48.37	-13.00	35.37	Vertical
2	2655.0828	22.34	-43.81	-13.00	30.81	Vertical
3	3447.0224	76.16	-39.78	-13.00	26.78	Vertical
4	5170.6085	56.31	-52.95	-13.00	39.95	Vertical
5	6894.1947	68.53	-35.92	-13.00	22.92	Vertical
6	8617.7809	58.06	-42.29	-13.00	29.29	Vertical



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7.5. Test Band = _ LTE_Band4

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1352.2176	21.88	-48.32	-13.00	35.32	Horizontal
2	3471.7736	77.95	-37.50	-13.00	24.50	Horizontal
3	5208.1104	61.65	-47.26	-13.00	34.26	Horizontal
4	6944.4472	70.92	-32.98	-13.00	19.98	Horizontal
5	8680.0340	59.00	-41.34	-13.00	28.34	Horizontal
6	16402.420	48.14	-45.64	-13.00	32.64	Horizontal



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7.6. Test Band = _ LTE_Band4

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1299.4150	21.97	-48.55	-13.00	35.55	Vertical
2	2153.4577	24.69	-43.55	-13.00	30.55	Vertical
3	3471.7736	74.40	-41.05	-13.00	28.05	Vertical
4	5208.1104	56.20	-52.71	-13.00	39.71	Vertical
5	6944.4472	67.12	-36.78	-13.00	23.78	Vertical
6	8680.7840	57.87	-42.47	-13.00	29.47	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.

all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	1.40	0.000814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.80	0.000465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	1.30	0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	1.50	0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-3.90	-0.002267	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	0.50	0.000291	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-0.60	-0.000346	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-4.30	-0.002482	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-2.30	-0.001337	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-0.90	-0.000523	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-0.90	-0.000523	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-1.60	-0.000924	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	0.70	0.000401	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	0.40	0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	1.30	0.000756	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	1.00	0.000581	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	1.20	0.000698	±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	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-2.60	-0.001512	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-3.90	-0.002267	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-0.10	-0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-2.40	-0.001385	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	0.60	0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.60	0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	1.40	0.000808	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	1.90	0.001097	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	2.20	0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	2.20	0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	1.80	0.001032	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	0.40	0.000229	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	1.50	0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	0.70	0.000401	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	2.90	0.001686	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-0.90	-0.000523	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	1.90	0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	1.90	0.001105	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	2.70	0.001570	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-1.50	-0.000872	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-1.40	-0.000814	±2.5	PASS



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Band4	20MHz	64QAM	20050	100RB#0	NV	50	0.30	0.000174	±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	-20	-5.60	-0.003232	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	-4.40	-0.002540	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-4.90	-0.002828	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-5.20	-0.003001	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-1.90	-0.001097	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-3.10	-0.001789	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	-3.80	-0.002193	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-2.30	-0.001328	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	1.70	0.000974	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	1.30	0.000745	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	-1.40	-0.000802	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	0.90	0.000516	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	2.10	0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-1.10	-0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	1.10	0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	0.90	0.000523	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	0.70	0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-0.60	-0.000349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-0.50	-0.000291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-2.70	-0.001570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-1.70	-0.000988	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.00	0.001154	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-1.10	-0.000635	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-1.10	-0.000635	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-1.80	-0.001039	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.50	0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	1.90	0.001097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.50	0.000289	±2.5	PASS



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Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	1.30	0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	0.50	0.000287	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-0.70	-0.000401	±2.5	PASS



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