



Appendix B

E-UTRA Band 66



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#2	23.81	24.71	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.96	24.86	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.94	24.84	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.95	24.85	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.98	24.88	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	24.13	25.03	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.01	23.91	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.87	24.77	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.98	24.88	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.90	24.8	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	24.00	24.9	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	24.11	25.01	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	24.10	25	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.04	23.94	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.91	24.81	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.01	24.91	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.05	24.95	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	24.16	25.06	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	24.27	25.17	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	24.23	25.13	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.08	23.98	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.35	23.25	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.96	23.86	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.90	23.8	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.84	23.74	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.92	23.82	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.72	23.62	30	PASS



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Band66	1.4MHz	16QAM	131979	6RB#0	21.77	22.67	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.15	23.05	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.38	23.28	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.94	23.84	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	23.03	23.93	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.90	23.8	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	23.02	23.92	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.71	22.61	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.32	23.22	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.31	23.21	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.18	23.08	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	23.01	23.91	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	23.03	23.93	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.79	23.69	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.03	22.93	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.07	24.97	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.35	25.25	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.03	24.93	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	23.06	23.96	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	23.03	23.93	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.93	23.83	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.93	23.83	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.13	25.03	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.88	24.78	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.03	24.93	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.93	23.83	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.96	23.86	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.98	23.88	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.05	23.95	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.85	24.75	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.20	25.1	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.14	25.04	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	23.08	23.98	30	PASS



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Band66	3MHz	QPSK	132657	8RB#4	23.02	23.92	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.96	23.86	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.01	23.91	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.00	23.9	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.89	23.79	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.03	23.93	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	22.09	22.99	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	22.13	23.03	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	22.07	22.97	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.99	22.89	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.11	24.01	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.22	24.12	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.10	24	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	22.10	23	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	22.10	23	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	22.05	22.95	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.10	23	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.78	23.68	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.83	23.73	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.01	23.91	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	22.18	23.08	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	22.16	23.06	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	22.15	23.05	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.89	22.79	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.87	24.77	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.01	24.91	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.82	24.72	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	23.00	23.9	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	23.02	23.92	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.92	23.82	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.95	23.85	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.80	24.7	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.87	24.77	30	PASS



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Band66	5MHz	QPSK	132322	1RB#12	23.88	24.78	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.98	23.88	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	23.15	24.05	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	23.02	23.92	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.01	23.91	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.13	25.03	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.28	25.18	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.16	25.06	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	23.19	24.09	30	PASS
Band66	5MHz	QPSK	132647	12RB#6	23.15	24.05	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	23.14	24.04	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.21	24.11	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.43	23.33	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.63	23.53	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.70	23.6	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.89	22.79	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.98	22.88	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.85	22.75	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.89	22.79	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.48	23.38	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.47	23.37	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.20	23.1	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.93	22.83	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.90	22.8	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.91	22.81	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.09	22.99	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.29	24.19	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.03	23.93	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.71	23.61	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	22.23	23.13	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	22.30	23.2	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	22.07	22.97	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.20	23.1	30	PASS



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Band66	10MHz	QPSK	132022	1RB#0	24.15	25.05	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.06	24.96	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.87	24.77	30	PASS
Band66	10MHz	QPSK	132022	25RB#0	23.12	24.02	30	PASS
Band66	10MHz	QPSK	132022	25RB#12	23.16	24.06	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	23.01	23.91	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.05	23.95	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.80	24.7	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.24	25.14	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.98	24.88	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	23.11	24.01	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	23.12	24.02	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	23.18	24.08	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.11	24.01	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	24.18	25.08	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.19	25.09	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.47	25.37	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	23.39	24.29	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	23.37	24.27	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	23.23	24.13	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.34	24.24	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.55	24.45	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.51	24.41	30	PASS
Band66	10MHz	16QAM	132022	25RB#25	22.93	23.83	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	22.09	22.99	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	22.12	23.02	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.93	22.83	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.89	23.79	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.22	24.12	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.09	23.99	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	22.16	23.06	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	22.15	23.05	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	22.05	22.95	30	PASS



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Band66	10MHz	16QAM	132322	50RB#0	22.11	23.01	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.95	24.85	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.97	24.87	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.92	23.82	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	22.32	23.22	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	22.54	23.44	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	22.32	23.22	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.43	23.33	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.98	24.88	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.07	24.97	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.03	24.93	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	23.16	24.06	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	23.31	24.21	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	23.23	24.13	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.14	24.04	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.94	24.84	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	24.04	24.94	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.01	24.91	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	23.19	24.09	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	23.29	24.19	30	PASS
Band66	15MHz	QPSK	132322	36RB#18	23.17	24.07	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.16	24.06	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	24.32	25.22	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.22	25.12	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.34	25.24	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	23.52	24.42	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	23.56	24.46	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	23.40	24.3	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.38	24.28	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.39	24.29	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.69	24.59	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.75	23.65	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	22.25	23.15	30	PASS



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Band66	15MHz	16QAM	132047	36RB#18	22.16	23.06	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	22.28	23.18	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.11	23.01	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.87	23.77	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.16	24.06	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.92	23.82	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	22.13	23.03	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	22.16	23.06	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	22.20	23.1	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.22	23.12	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.35	24.25	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.89	24.79	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.48	24.38	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	22.30	23.2	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	22.51	23.41	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	22.29	23.19	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.52	23.42	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.31	25.21	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.21	25.11	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.27	25.17	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	23.24	24.14	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	23.21	24.11	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	23.22	24.12	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.30	24.2	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.04	24.94	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	24.29	25.19	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	24.14	25.04	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	23.24	24.14	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	23.33	24.23	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	23.29	24.19	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.10	24	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.19	25.09	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	24.34	25.24	30	PASS



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Band66	20MHz	QPSK	132572	1RB#99	24.37	25.27	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	23.46	24.36	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	23.50	24.4	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.36	24.26	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.48	24.38	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.86	23.76	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.83	24.73	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.54	24.44	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	22.35	23.25	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	22.25	23.15	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	22.16	23.06	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.25	23.15	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.19	24.09	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.88	24.78	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.83	23.73	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	22.12	23.02	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	22.34	23.24	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	22.30	23.2	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.16	23.06	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.00	23.9	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.99	24.89	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.20	24.1	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	22.50	23.4	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	22.37	23.27	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	22.44	23.34	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.37	23.27	30	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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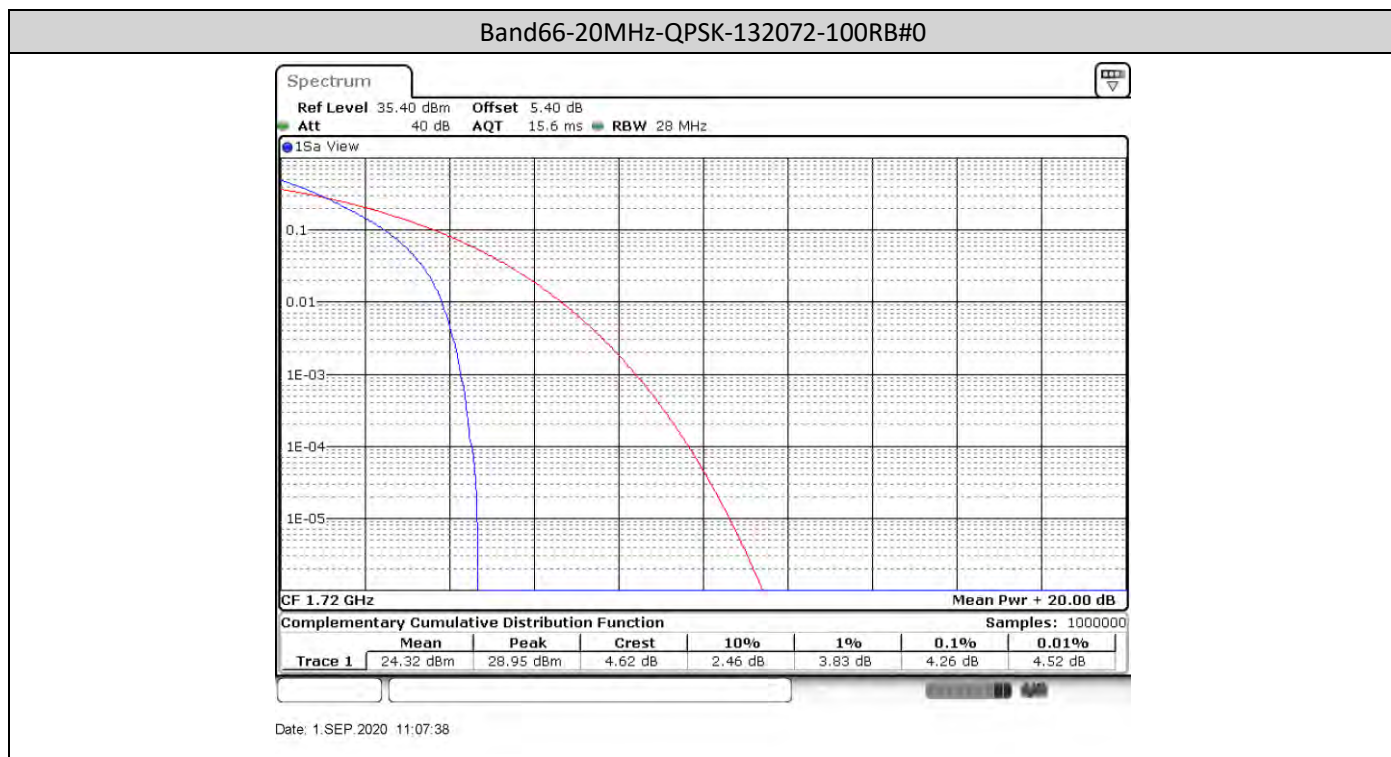


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

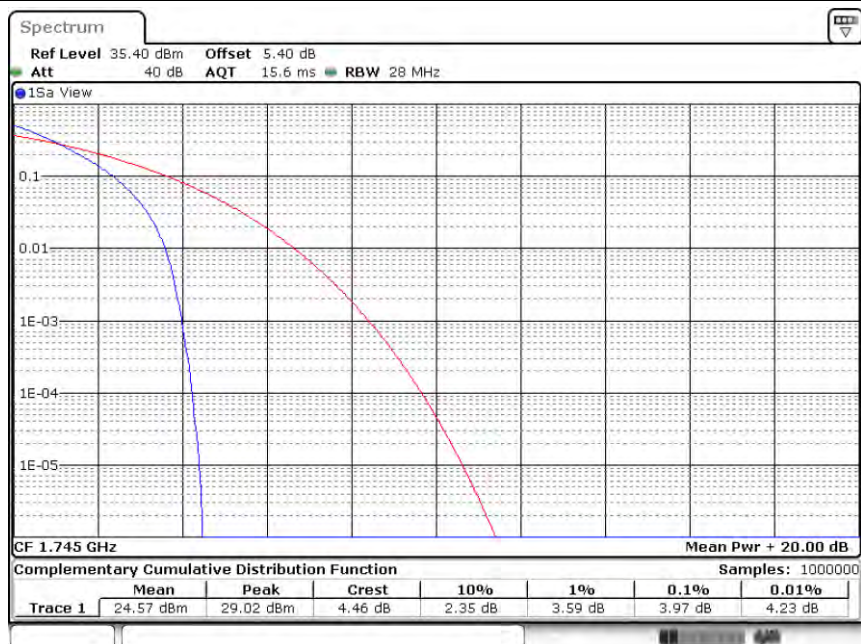
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.26	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	3.97	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.23	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.19	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	4.87	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.13	13	PASS

2.2. Test Plots





Band66-20MHz-QPSK-132322-100RB#0



Date: 1.SEP.2020 11:08:00

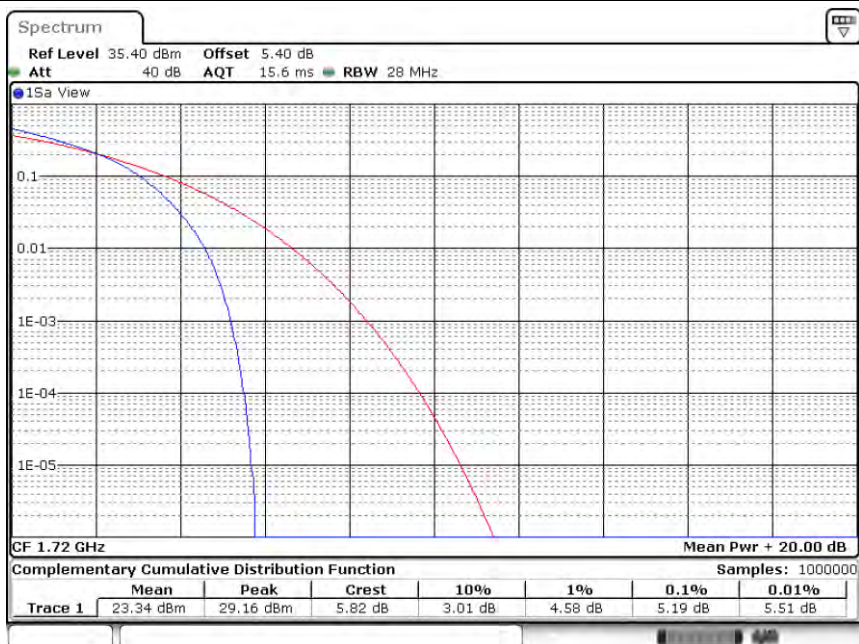
Band66-20MHz-QPSK-132572-100RB#0



Date: 1.SEP.2020 11:08:23

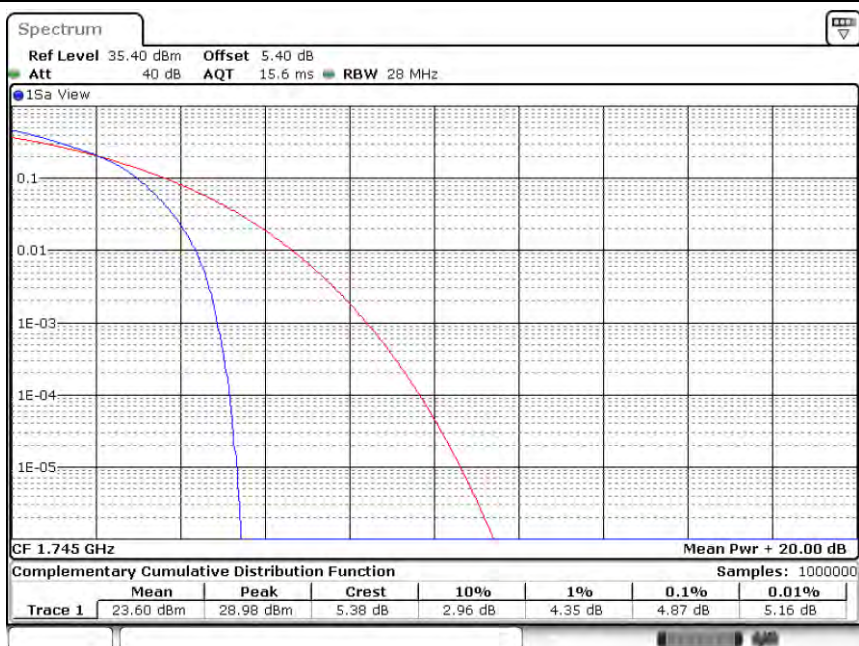


Band66-20MHz-16QAM-132072-100RB#0



Date: 1.SEP 2020 11:07:49

Band66-20MHz-16QAM-132322-100RB#0



Date: 1.SEP 2020 11:08:12

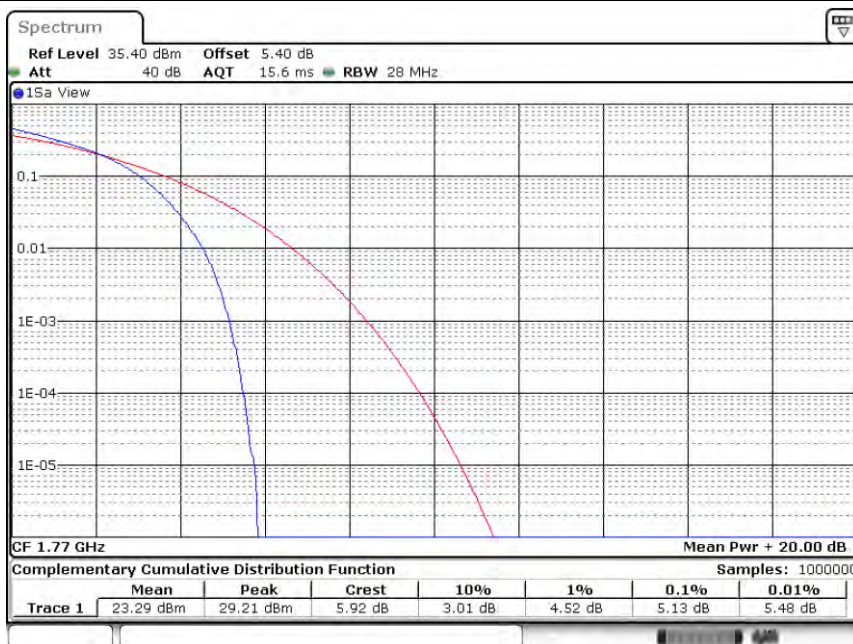


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Band66-20MHz-16QAM-132572-100RB#0



Date: 1.SEP.2020 11:08:34



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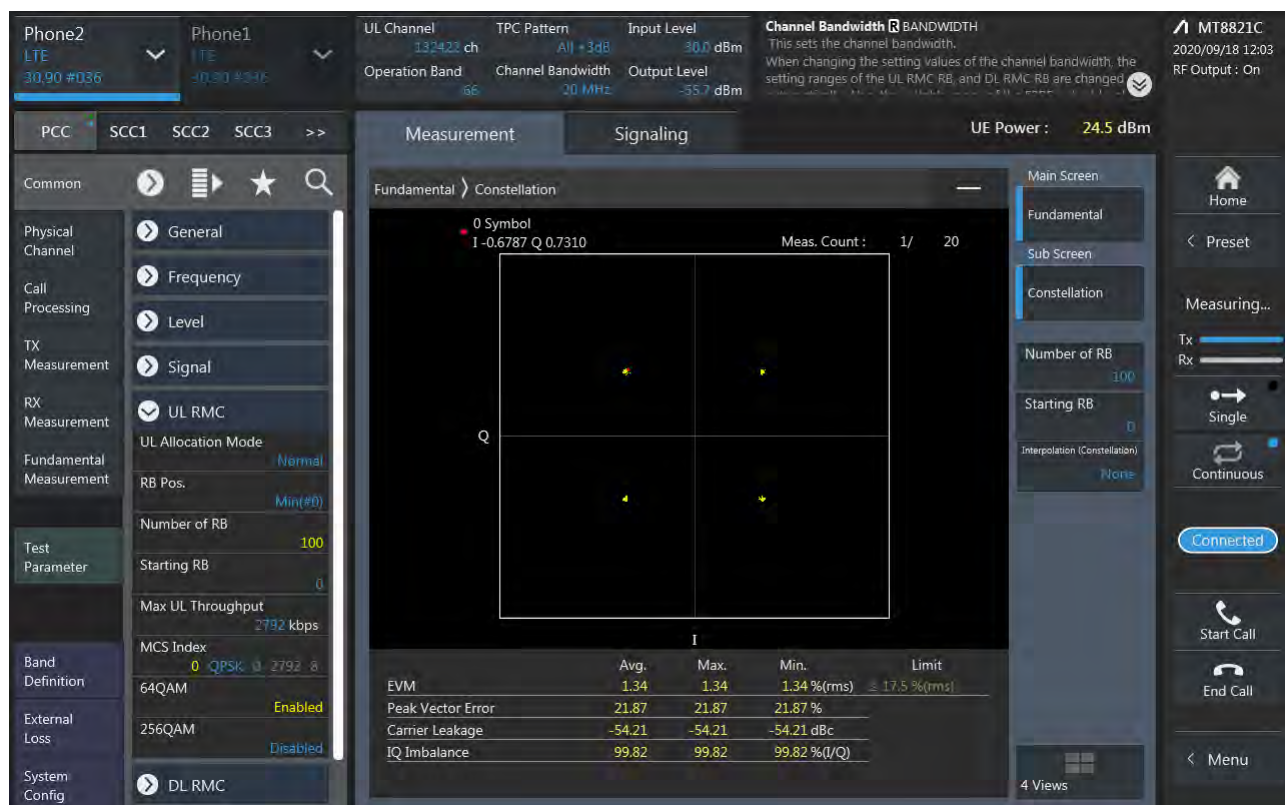
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

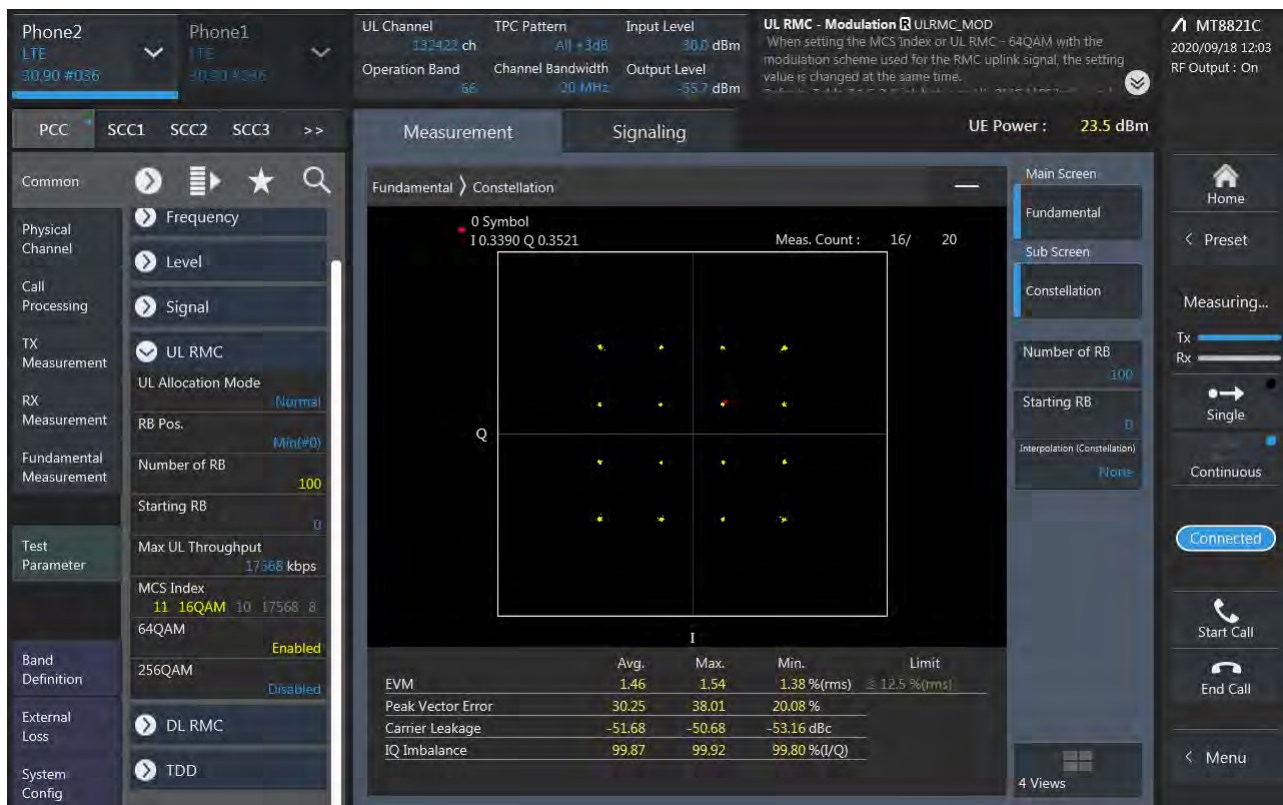
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

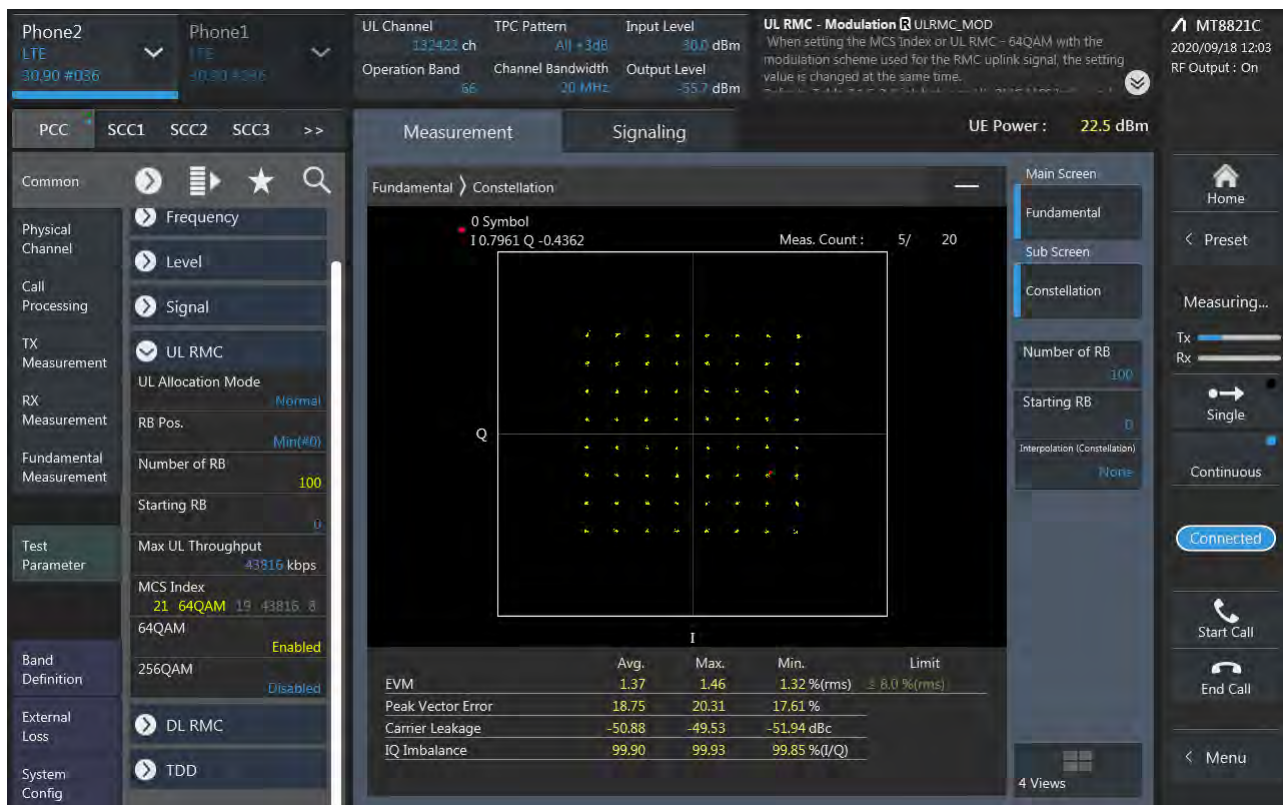
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.094	1.296	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.097	1.308	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.103	1.401	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.293	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.094	1.332	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1	1.371	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.703	3.000	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.703	3.006	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.703	3.072	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.970	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.982	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.691	3.000	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.950	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.940	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.990	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	4.970	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.990	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.486	4.980	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.911	9.680	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.911	9.680	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.911	9.680	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.911	9.740	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.760	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.931	9.760	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.397	14.790	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.427	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.427	14.820	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.397	14.670	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.730	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.427	14.820	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.822	19.440	PASS



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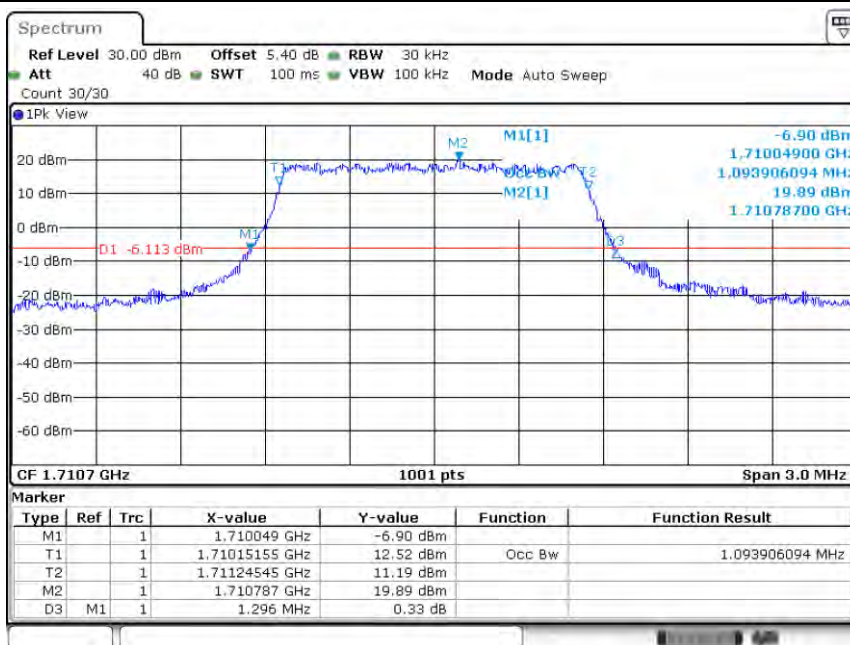
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Band66	20MHz	QPSK	132322	100RB#0	17.822	19.520	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.862	19.440	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.822	19.360	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.862	19.320	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.862	19.320	PASS

4.2. Test Plots

Band66-1.4MHz-QPSK-131979-6RB#0-1.094

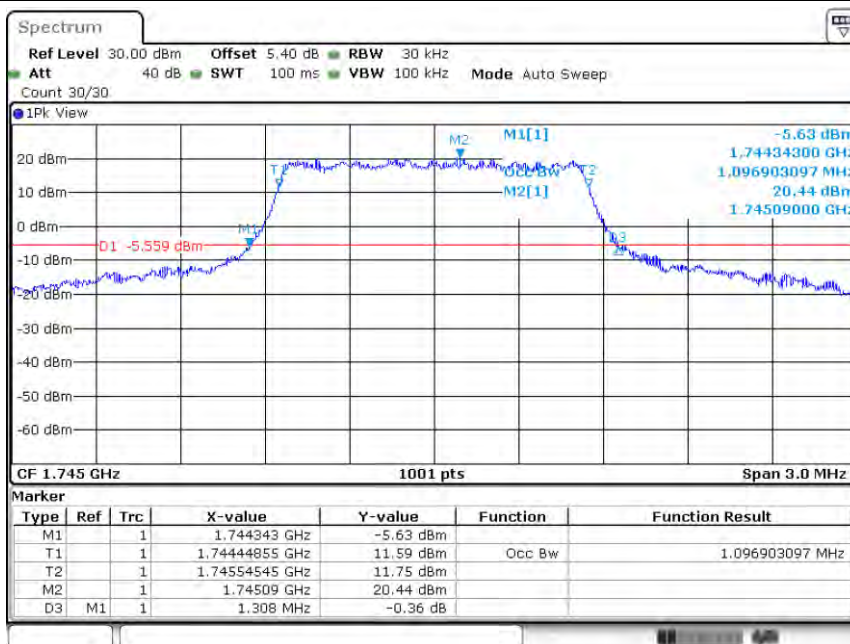


Date: 1.SEP.2020 10:33:33



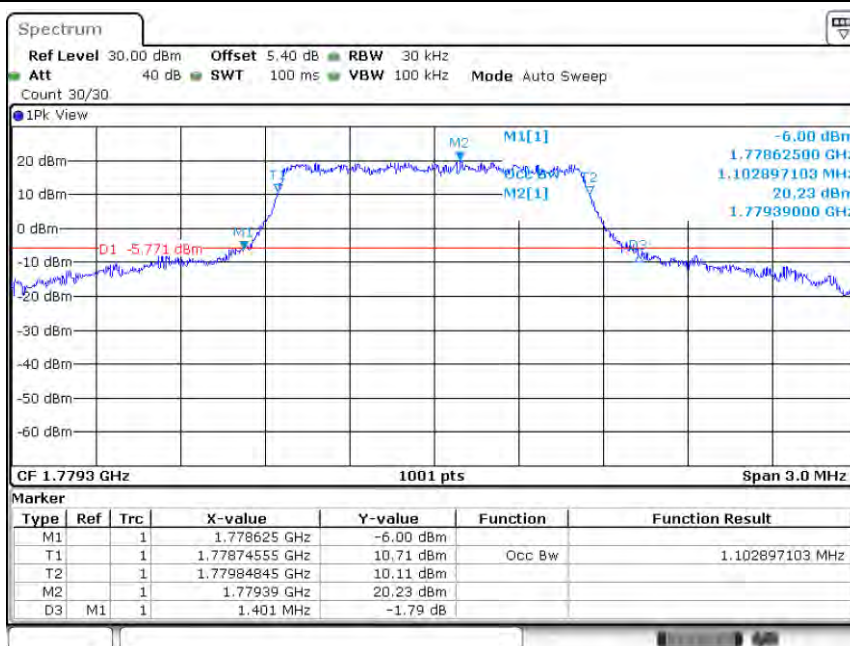


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Date: 1.SEP.2020 10:33:59

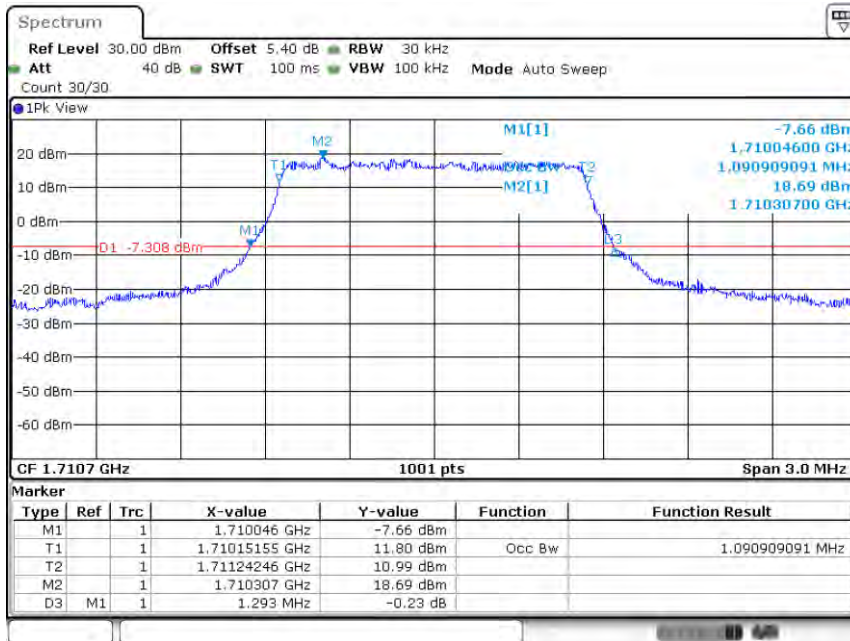
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Date: 1.SEP.2020 10:34:24

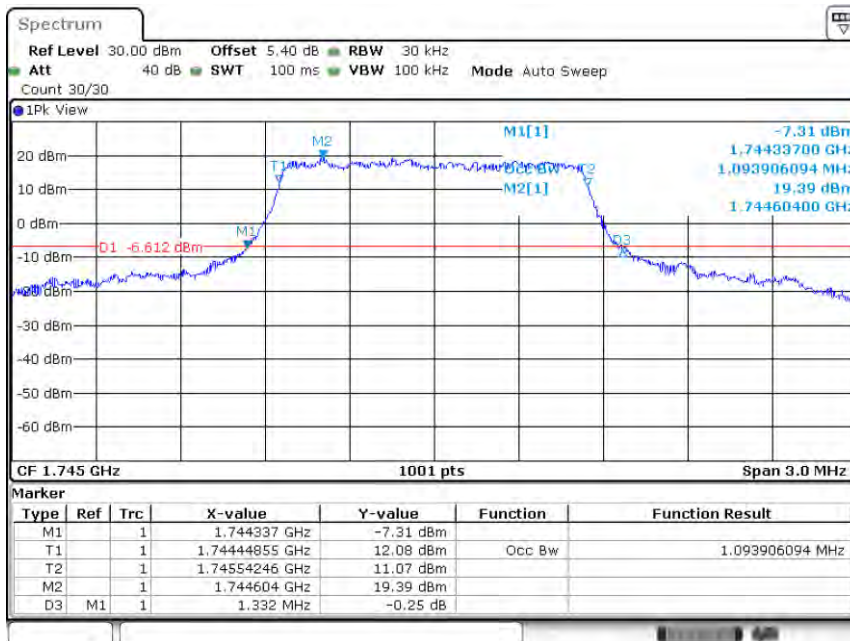


Band66-1.4MHz-16QAM-131979-6RB#0-1.091



Date: 1.SEP.2020 10:33:46

Band66-1.4MHz-16QAM-132322-6RB#0-1.094



Date: 1.SEP.2020 10:34:12

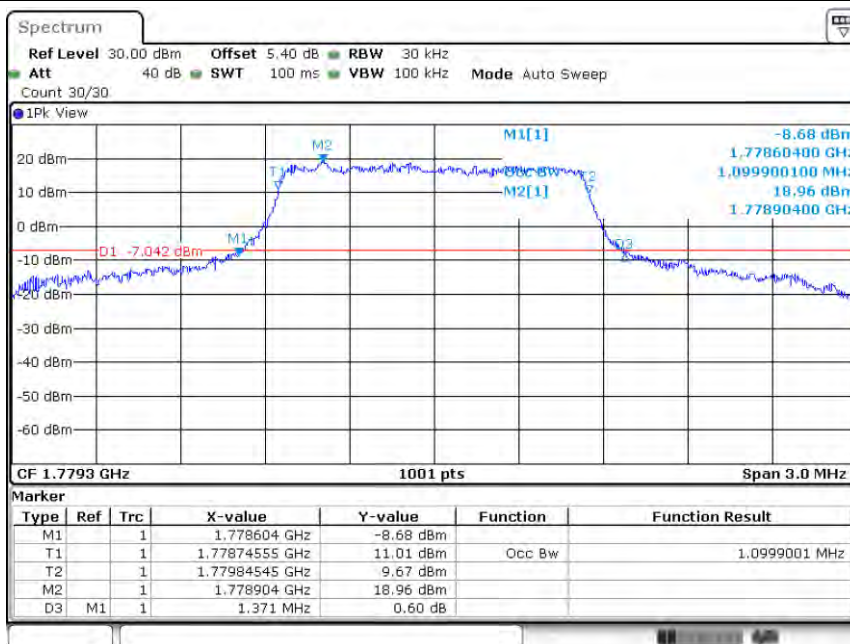


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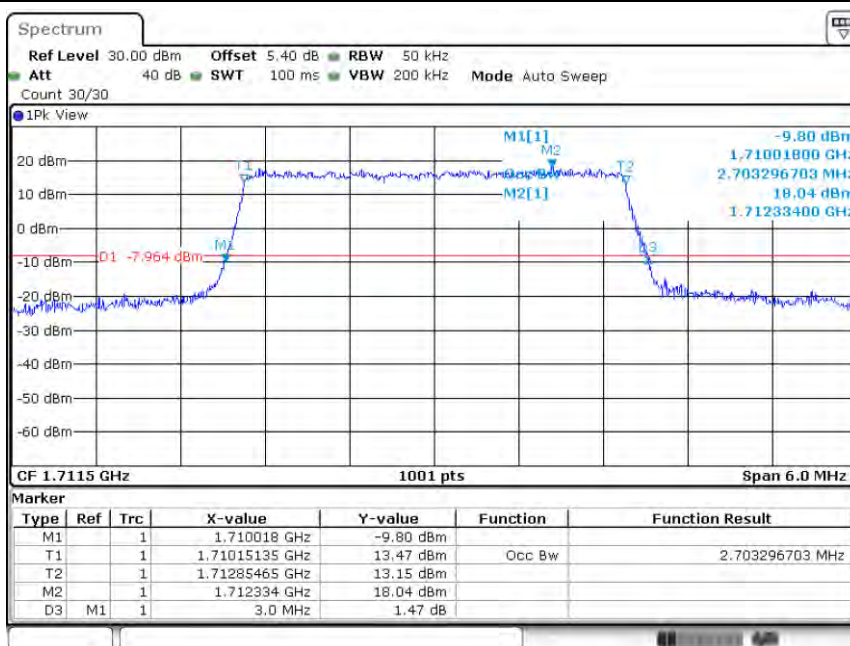


Band66-1.4MHz-16QAM-132665-6RB#0-1.1



Date: 1.SEP.2020 10:34:37

Band66-3MHz-QPSK-131987-15RB#0-2.703



Date: 1.SEP.2020 10:34:55

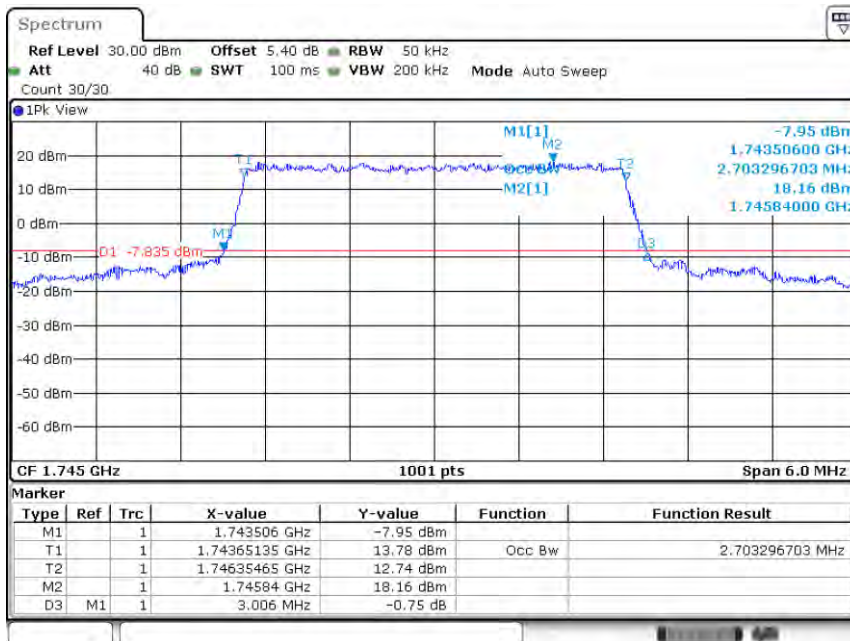


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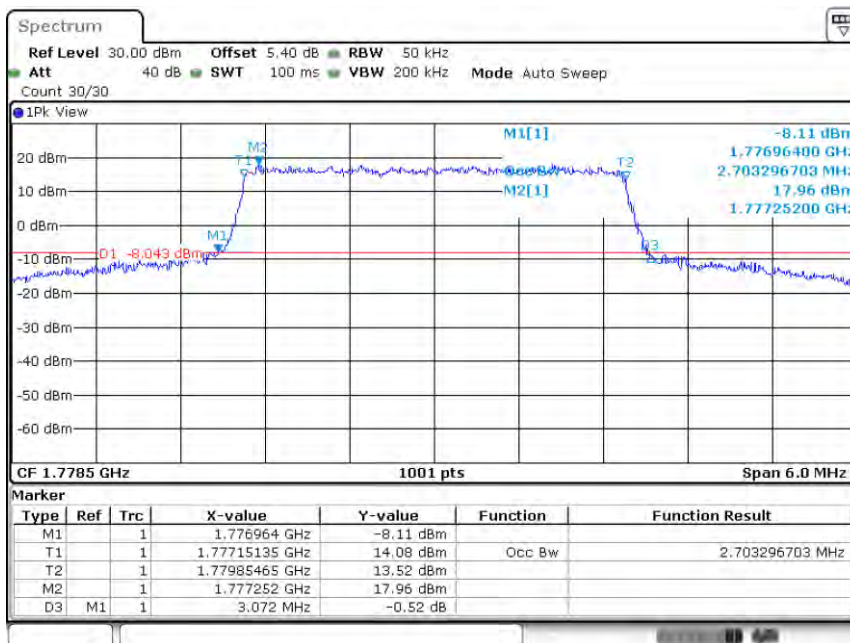


Band66-3MHz-QPSK-132322-15RB#0-2.703



Date: 1.SEP.2020 10:35:21

Band66-3MHz-QPSK-132657-15RB#0-2.703



Date: 1.SEP.2020 10:35:46

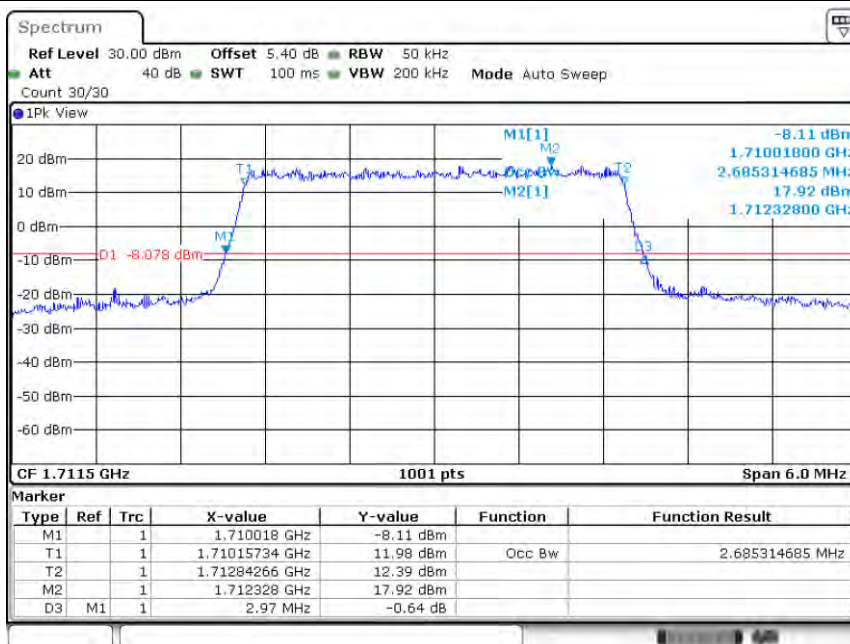


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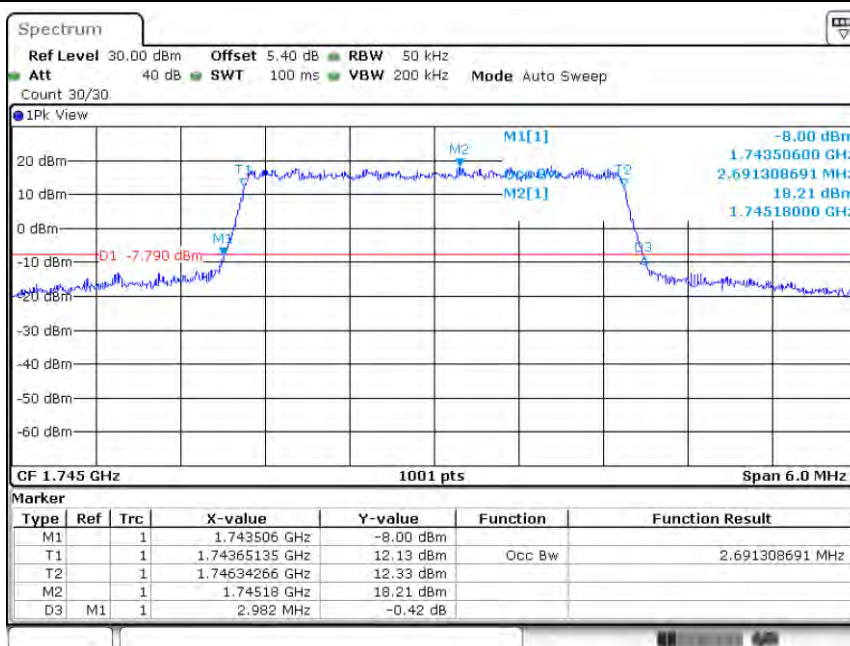


Band66-3MHz-16QAM-131987-15RB#0-2.685



Date: 1.SEP.2020 10:35:08

Band66-3MHz-16QAM-132322-15RB#0-2.691



Date: 1.SEP.2020 10:35:33

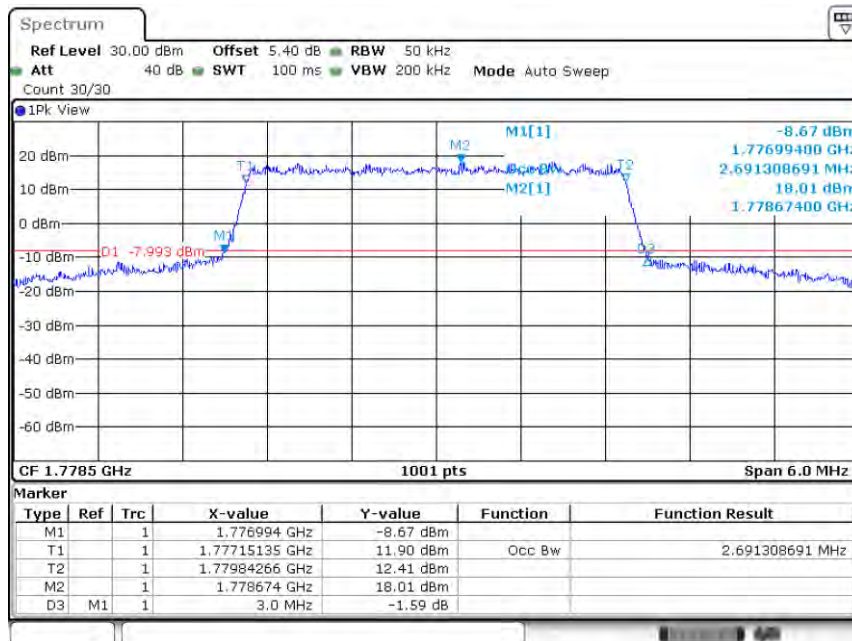


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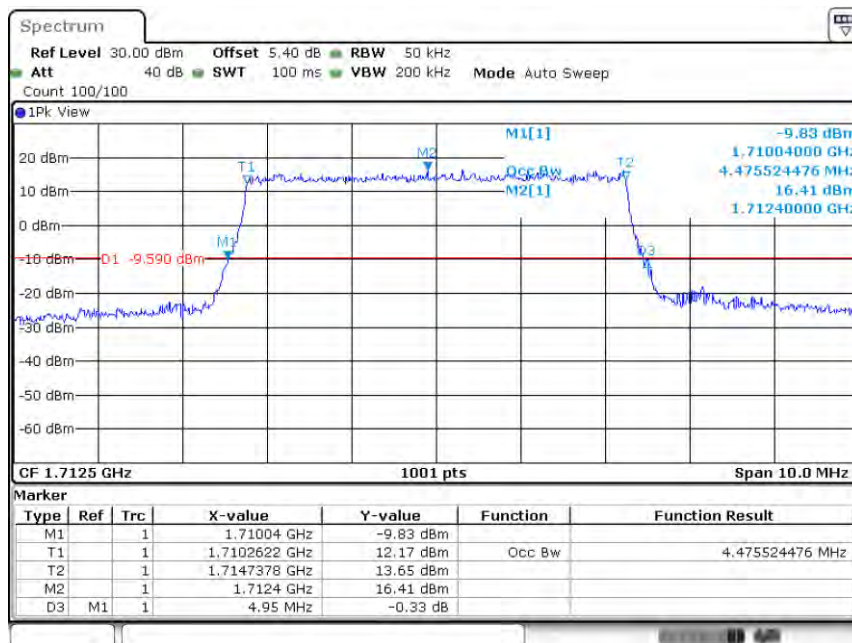


Band66-3MHz-16QAM-132657-15RB#0-2.691



Date: 1.SEP.2020 10:35:59

Band66-5MHz-QPSK-131997-25RB#0-4.476



Date: 1.SEP.2020 10:36:24

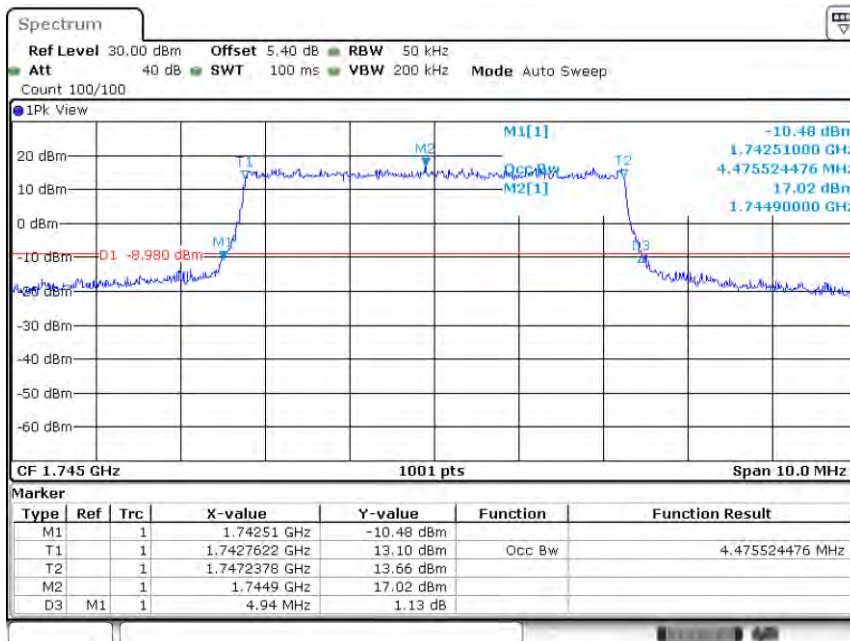


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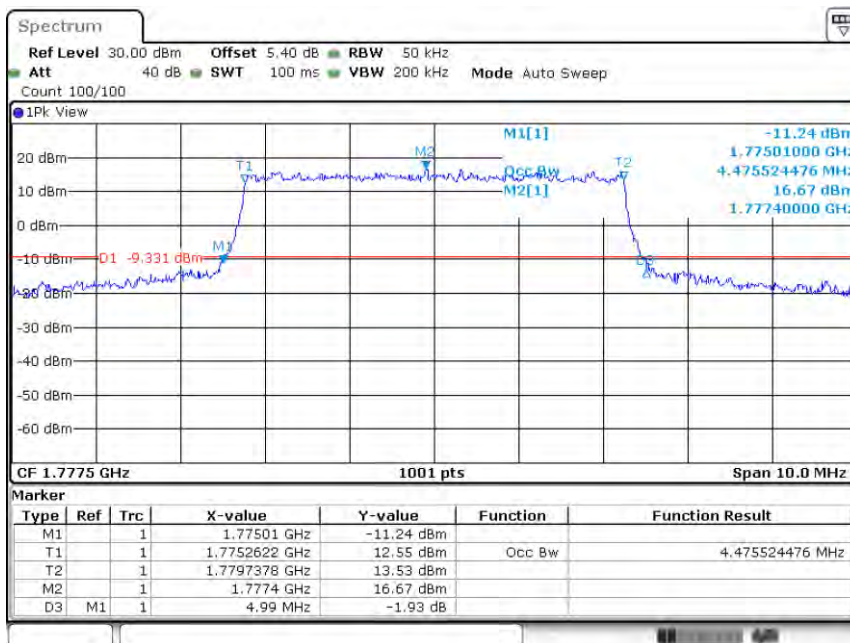


Band66-5MHz-QPSK-132322-25RB#0-4.476



Date: 1.SEP.2020 10:37:03

Band66-5MHz-QPSK-132647-25RB#0-4.476

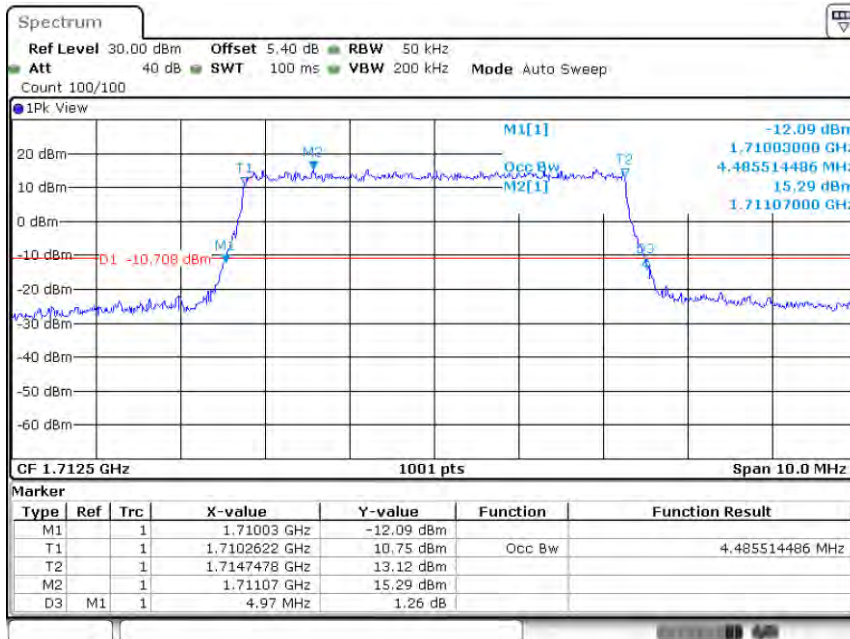


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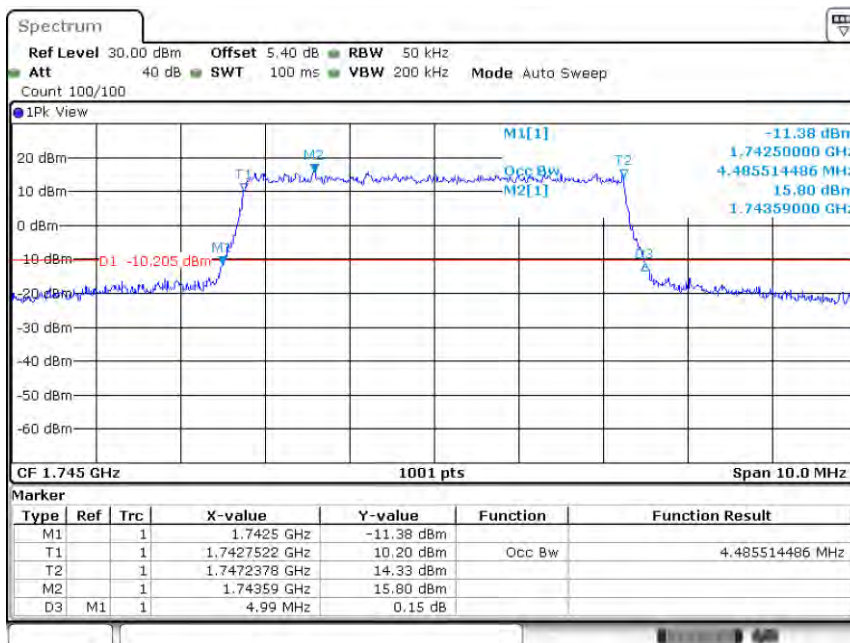


Band66-5MHz-16QAM-131997-25RB#0-4.486



Date: 1.SEP.2020 10:36:43

Band66-5MHz-16QAM-132322-25RB#0-4.486



Date: 1.SEP.2020 10:37:23

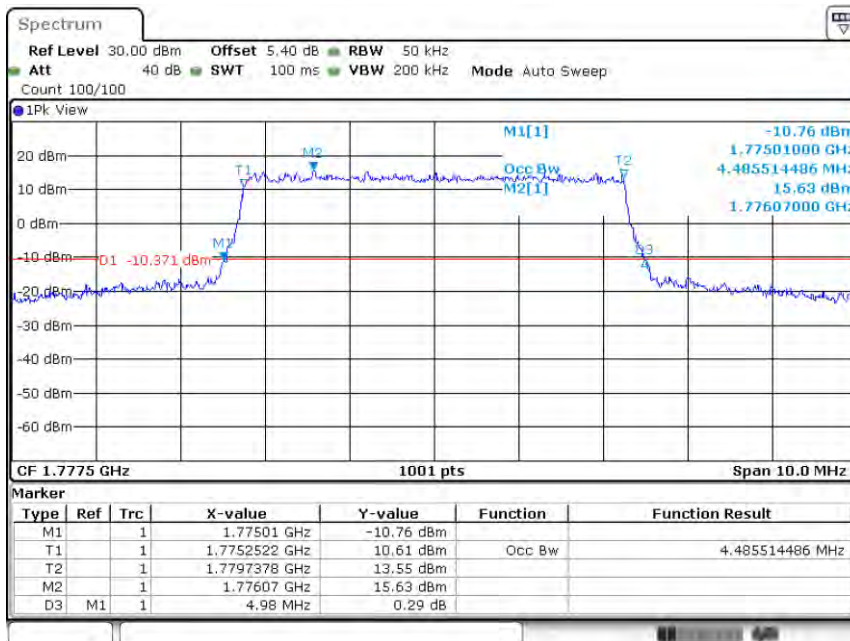


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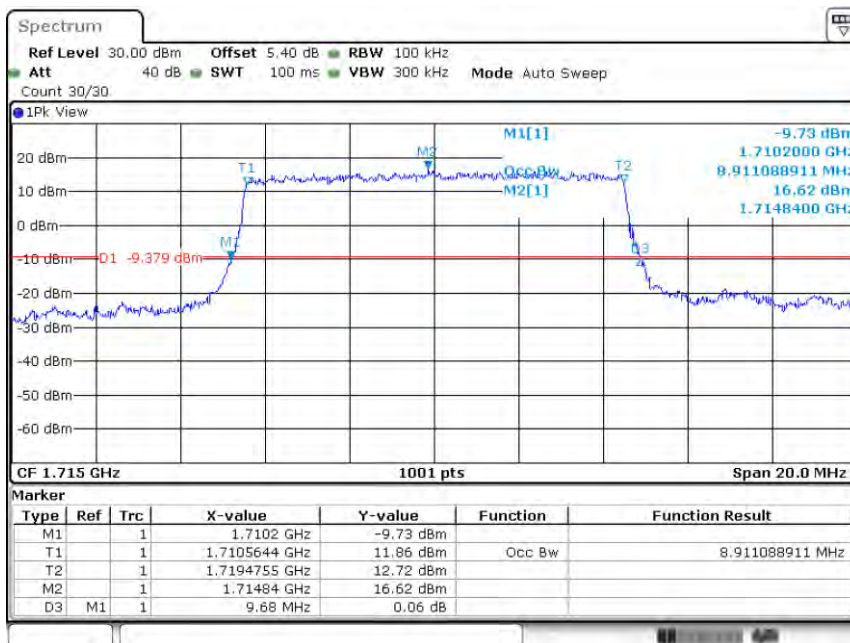


Band66-5MHz-16QAM-132647-25RB#0-4.486



Date: 1.SEP.2020 10:38:02

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Date: 1.SEP.2020 10:38:21

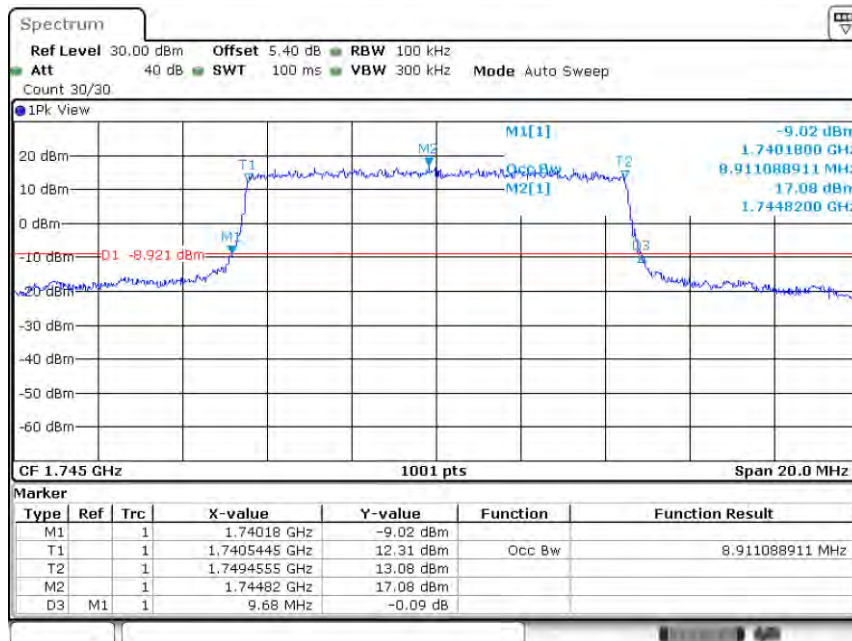


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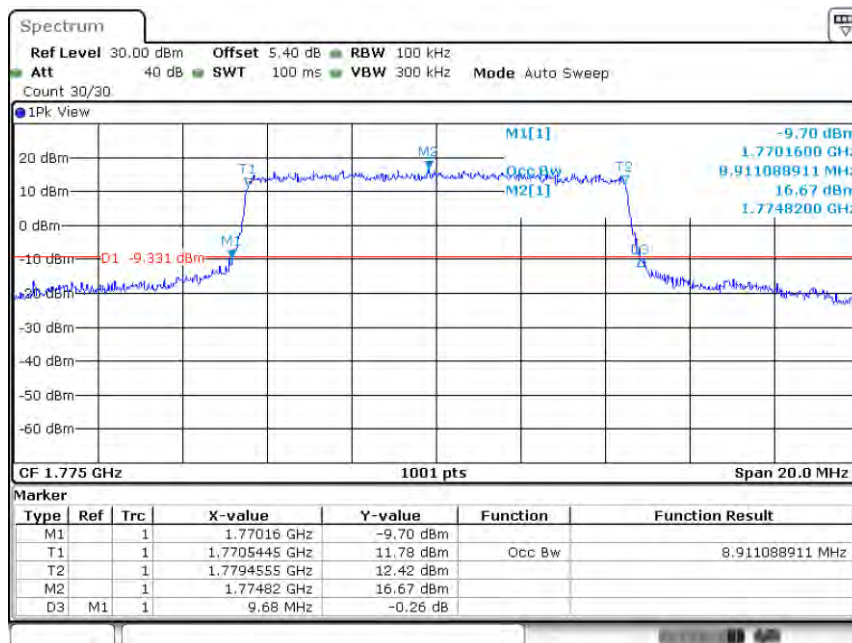


Band66-10MHz-QPSK-132322-50RB#0-8.911



Date: 1.SEP.2020 10:38:46

Band66-10MHz-QPSK-132622-50RB#0-8.911

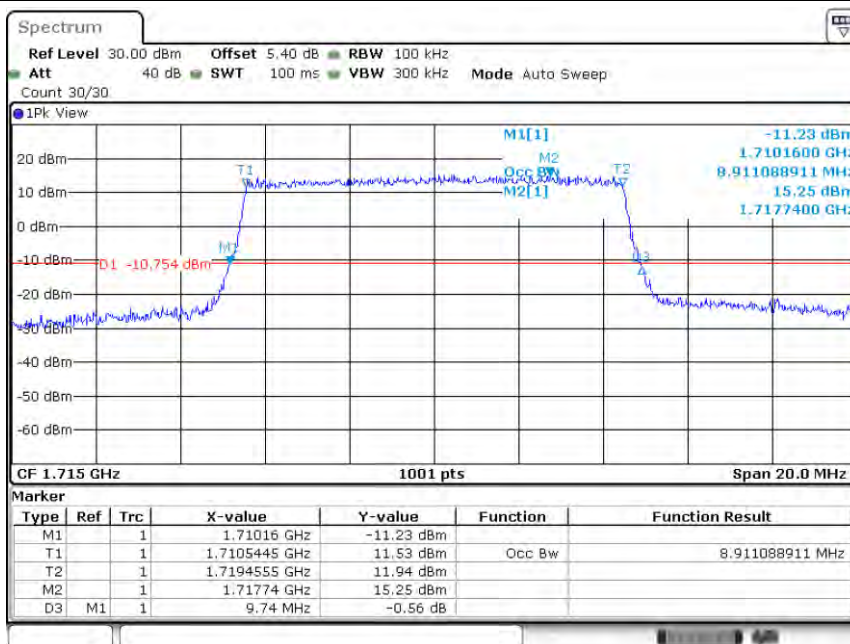


Date: 1.SEP.2020 10:39:12



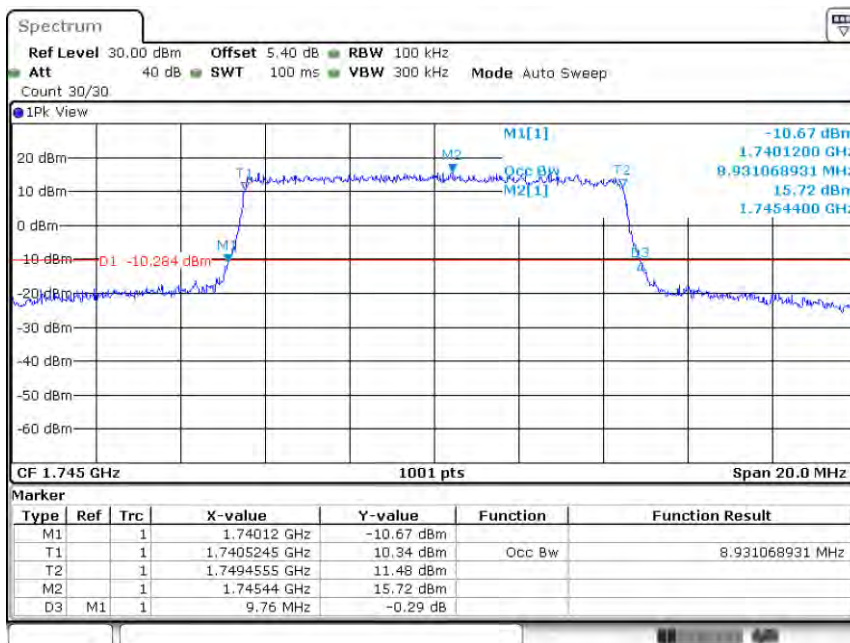


Band66-10MHz-16QAM-132022-50RB#0-8.911



Date: 1.SEP.2020 10:38:33

Band66-10MHz-16QAM-132322-50RB#0-8.931



Date: 1.SEP.2020 10:38:59

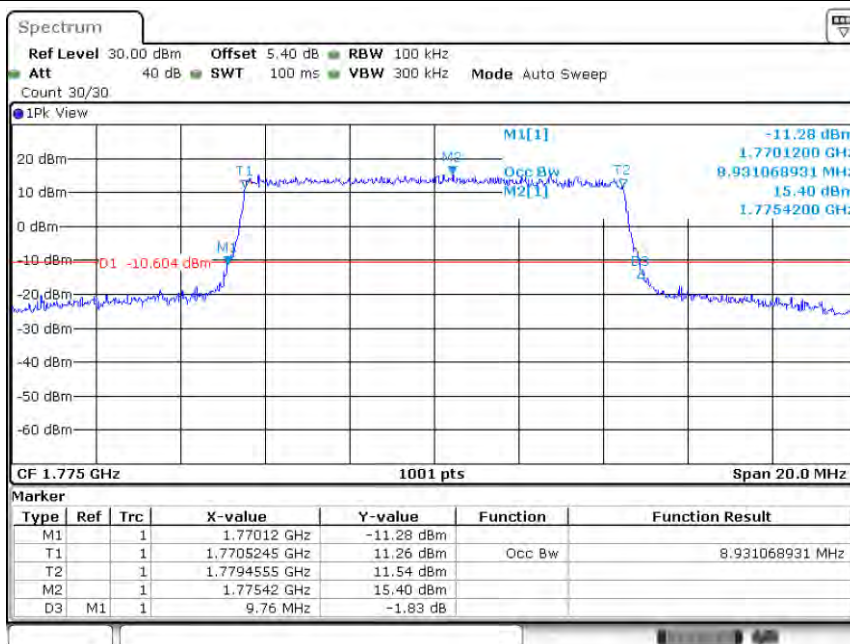


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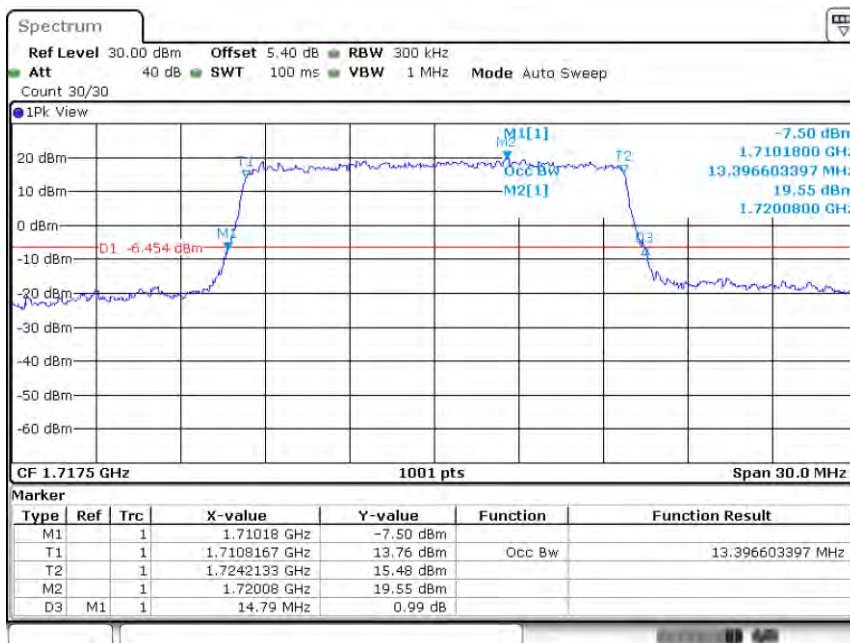


Band66-10MHz-16QAM-132622-50RB#0-8.931



Date: 1.SEP.2020 10:39:24

Band66-15MHz-QPSK-132047-75RB#0-13.397



Date: 1.SEP.2020 10:39:42



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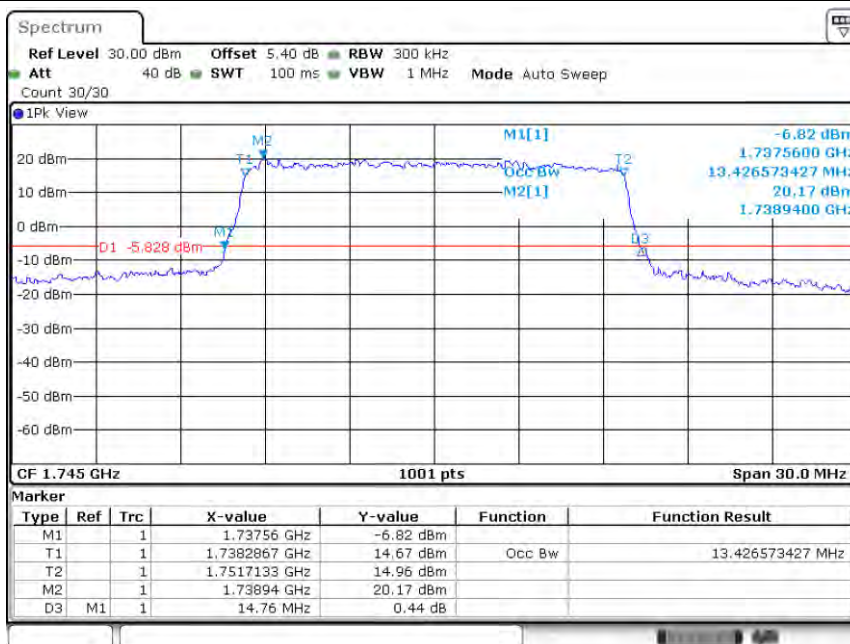
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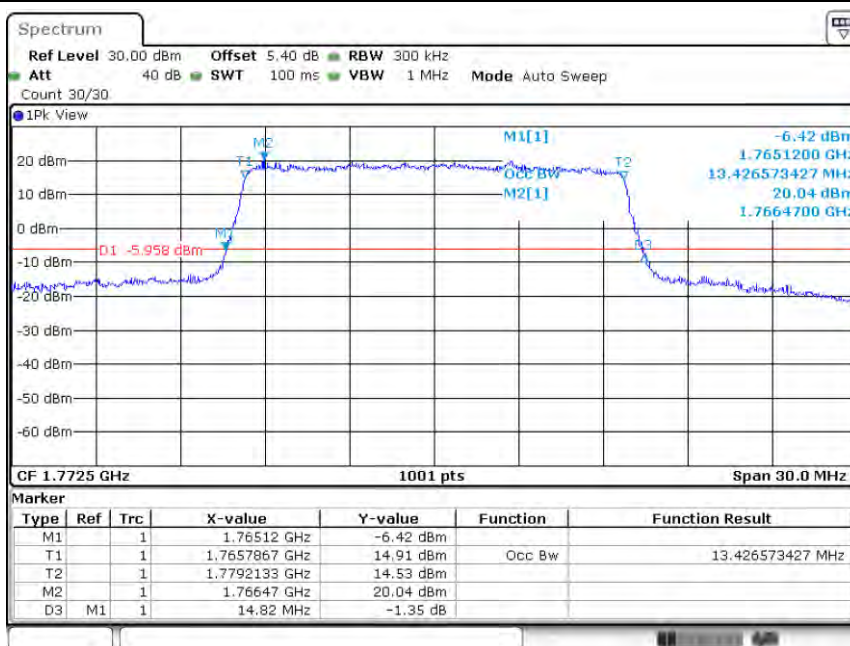


Band66-15MHz-QPSK-132322-75RB#0-13.427



Date: 1.SEP.2020 10:40:08

Band66-15MHz-QPSK-132597-75RB#0-13.427



Date: 1.SEP.2020 10:40:33



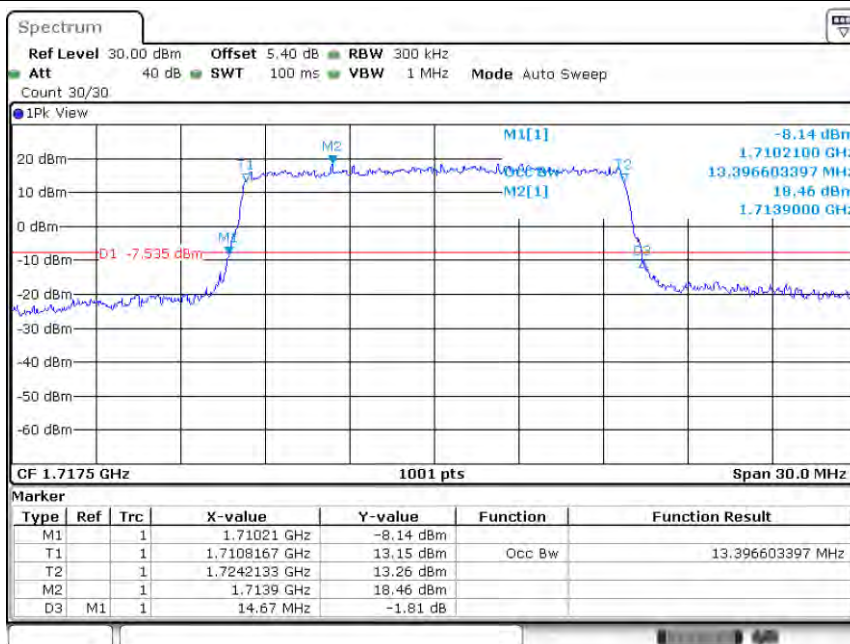
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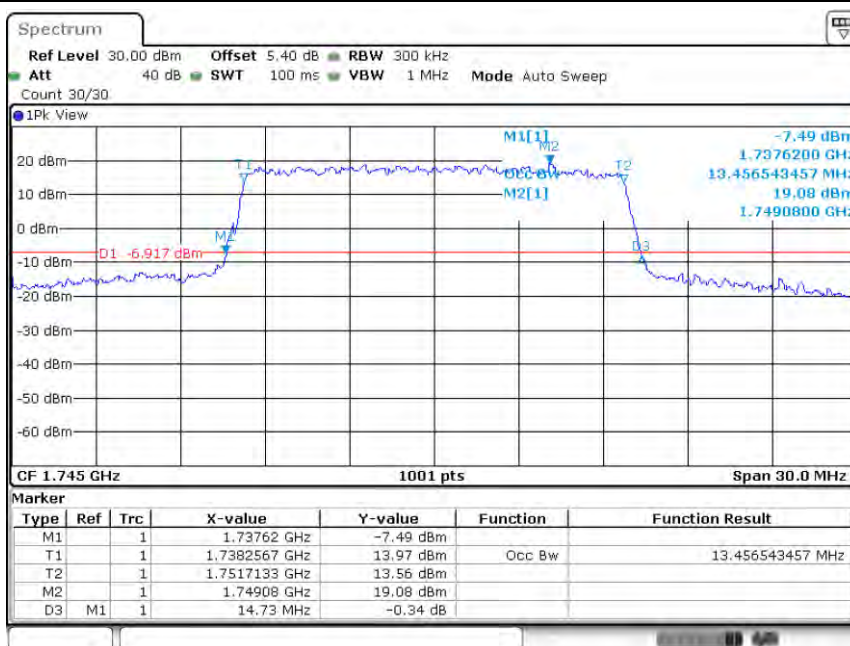


Band66-15MHz-16QAM-132047-75RB#0-13.397



Date: 1.SEP.2020 10:39:55

Band66-15MHz-16QAM-132322-75RB#0-13.457



Date: 1.SEP.2020 10:40:20

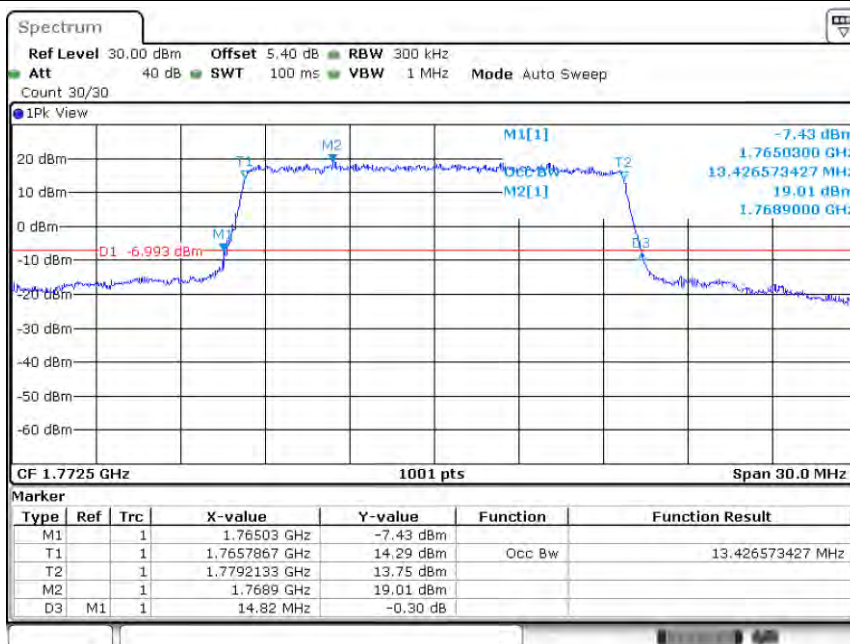


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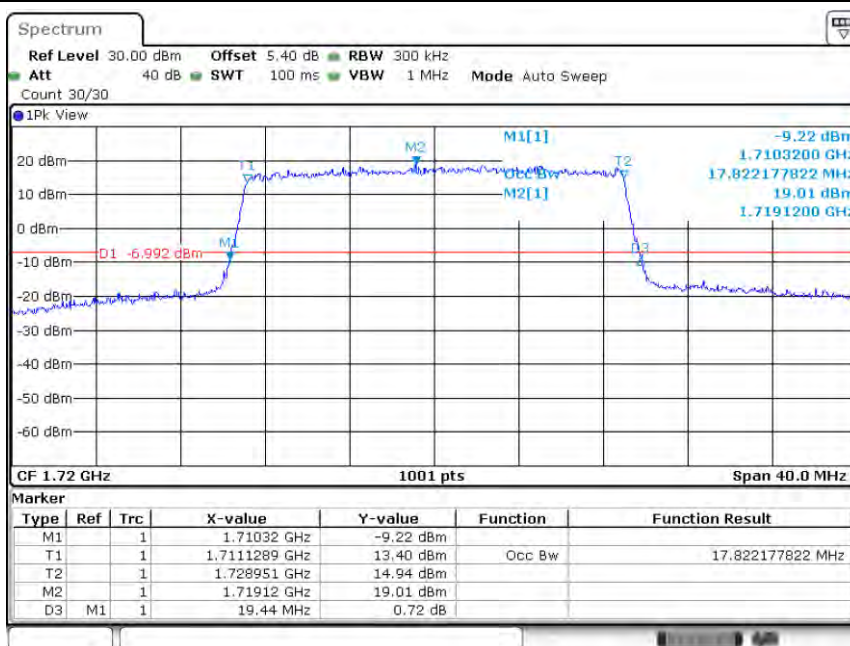


Band66-15MHz-16QAM-132597-75RB#0-13.427



Date: 1.SEP.2020 10:40:46

Band66-20MHz-QPSK-132072-100RB#0-17.822



Date: 1.SEP.2020 10:41:04

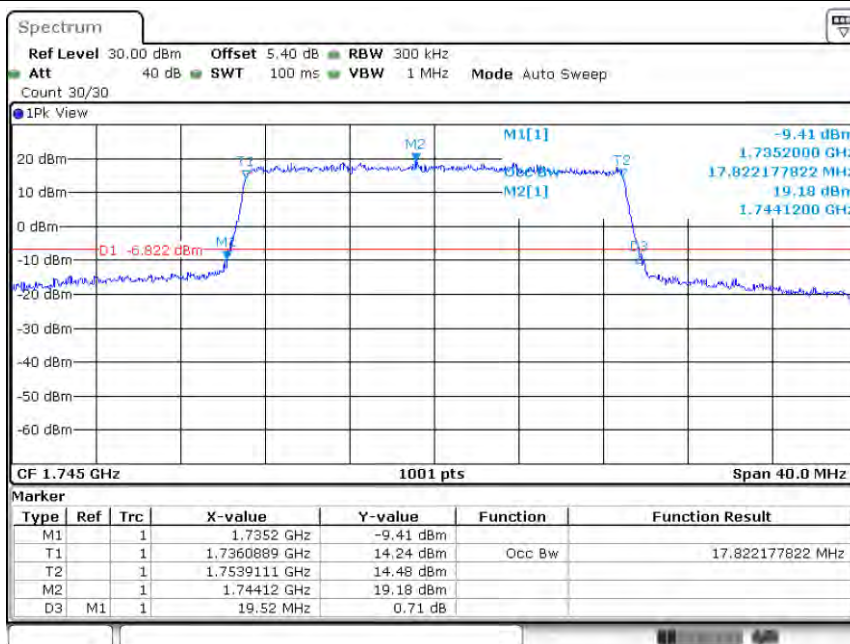


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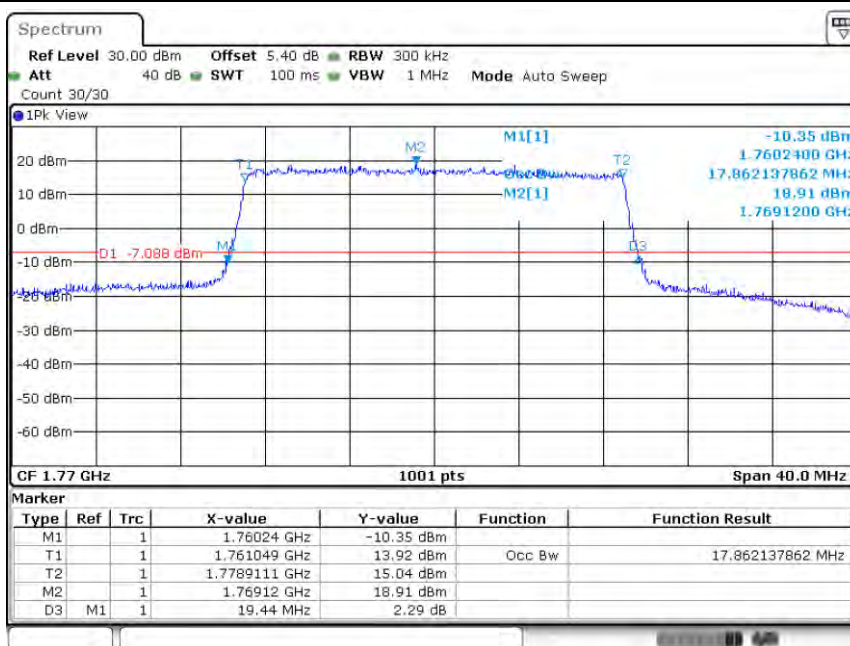


Band66-20MHz-QPSK-132322-100RB#0-17.822



Date: 1.SEP.2020 10:41:29

Band66-20MHz-QPSK-132572-100RB#0-17.862



Date: 1.SEP.2020 10:41:55

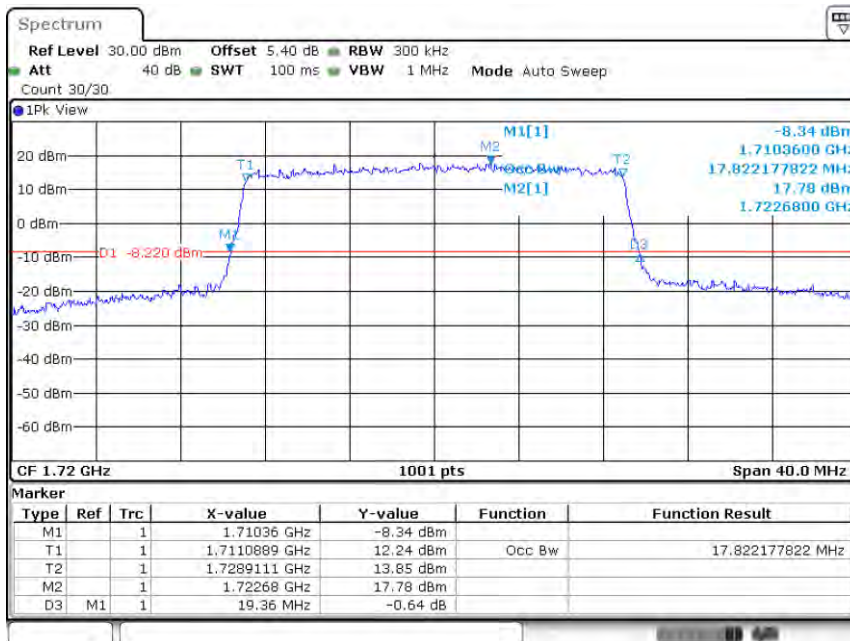


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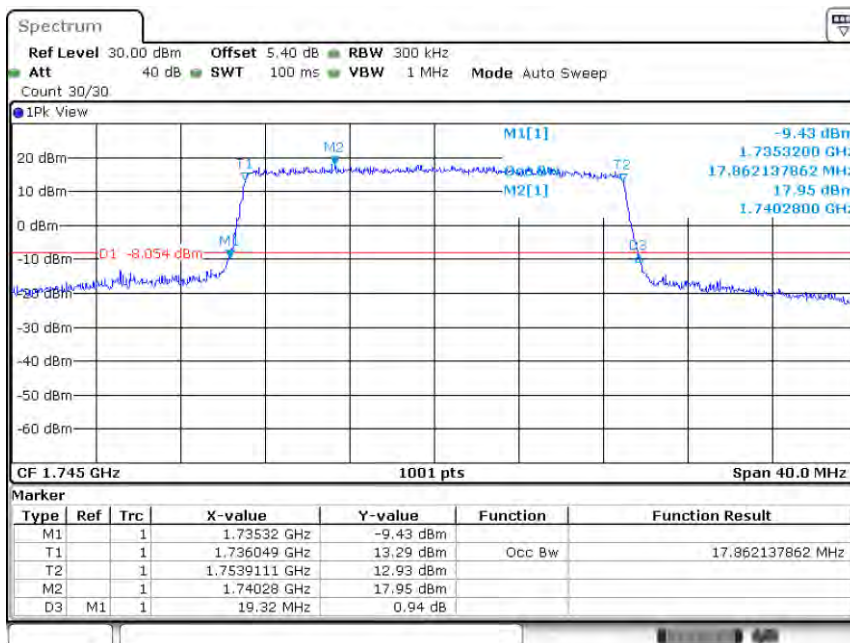


Band66-20MHz-16QAM-132072-100RB#0-17.822



Date: 1.SEP.2020 10:41:16

Band66-20MHz-16QAM-132322-100RB#0-17.862



Date: 1.SEP.2020 10:41:42

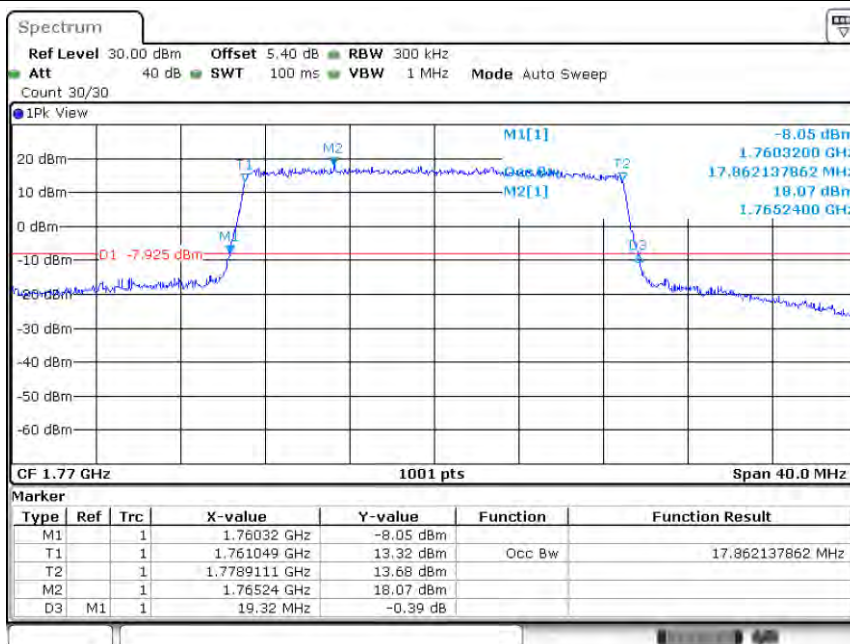


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Band66-20MHz-16QAM-132572-100RB#0-17.862



Date: 1.SEP.2020 10:42:07





5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-17.09	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-21.96	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-18.34	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-15.45	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-19.95	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-23.51	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-18.17	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-17.88	PASS
Band66	3MHz	QPSK	131987	1RB#0	-13.89	PASS
Band66	3MHz	QPSK	131987	15RB#0	-22.77	PASS
Band66	3MHz	QPSK	132657	1RB#14	-13.93	PASS
Band66	3MHz	QPSK	132657	15RB#0	-16.66	PASS
Band66	3MHz	16QAM	131987	1RB#0	-16.25	PASS
Band66	3MHz	16QAM	131987	15RB#0	-23.89	PASS
Band66	3MHz	16QAM	132657	1RB#14	-14.21	PASS
Band66	3MHz	16QAM	132657	15RB#0	-19.76	PASS
Band66	5MHz	QPSK	131997	1RB#0	-19.14	PASS
Band66	5MHz	QPSK	131997	25RB#0	-26.45	PASS
Band66	5MHz	QPSK	132647	1RB#24	-20.48	PASS
Band66	5MHz	QPSK	132647	25RB#0	-21.25	PASS
Band66	5MHz	16QAM	131997	1RB#0	-20.96	PASS
Band66	5MHz	16QAM	131997	25RB#0	-27.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	-20.40	PASS
Band66	5MHz	16QAM	132647	25RB#0	-24.38	PASS
Band66	10MHz	QPSK	132022	1RB#0	-29.19	PASS
Band66	10MHz	QPSK	132022	50RB#0	-27.86	PASS
Band66	10MHz	QPSK	132622	1RB#49	-30.36	PASS
Band66	10MHz	QPSK	132622	50RB#0	-23.65	PASS
Band66	10MHz	16QAM	132022	1RB#0	-29.77	PASS
Band66	10MHz	16QAM	132022	50RB#0	-30.62	PASS
Band66	10MHz	16QAM	132622	1RB#49	-31.23	PASS
Band66	10MHz	16QAM	132622	50RB#0	-26.14	PASS



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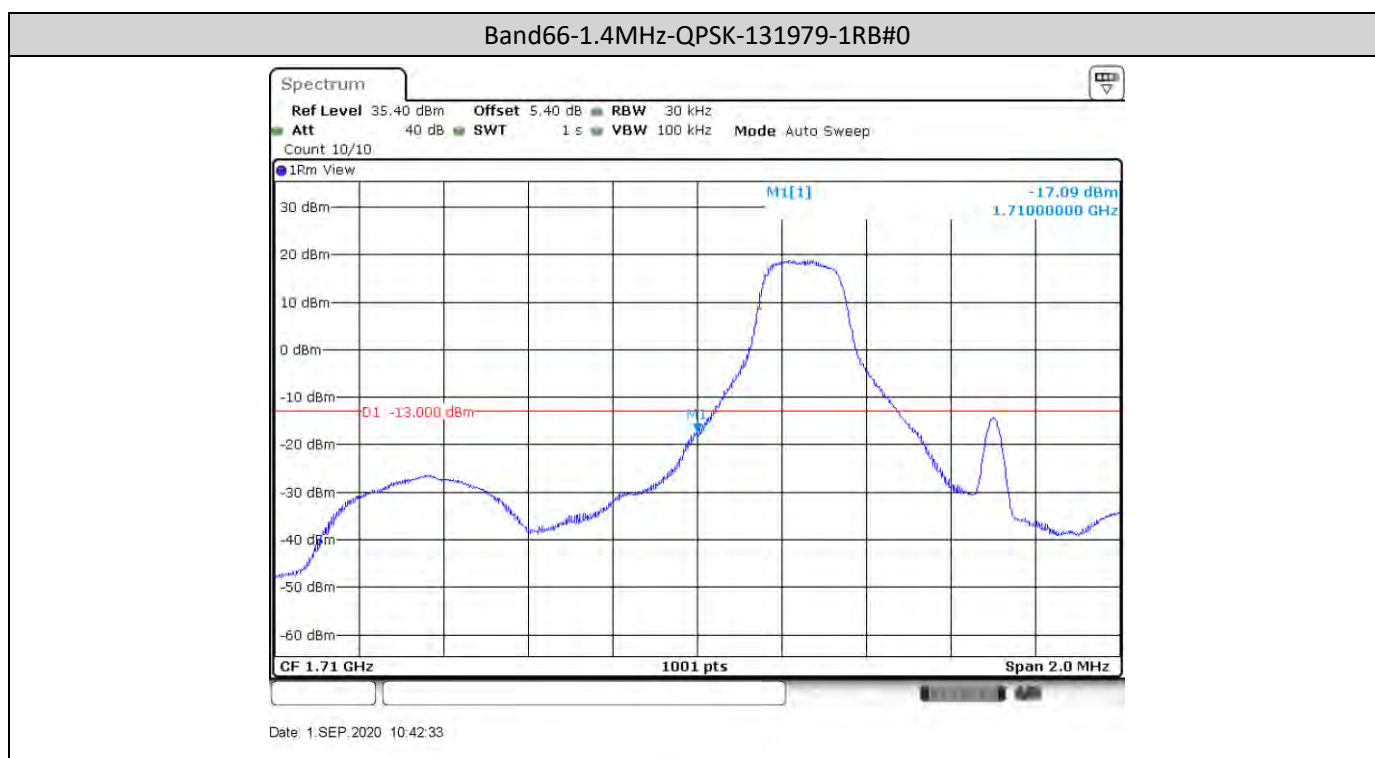
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Band66	15MHz	QPSK	132047	1RB#0	-24.68	PASS
Band66	15MHz	QPSK	132047	75RB#0	-27.38	PASS
Band66	15MHz	QPSK	132597	1RB#74	-25.33	PASS
Band66	15MHz	QPSK	132597	75RB#0	-24.64	PASS
Band66	15MHz	16QAM	132047	1RB#0	-25.86	PASS
Band66	15MHz	16QAM	132047	75RB#0	-29.94	PASS
Band66	15MHz	16QAM	132597	1RB#74	-25.25	PASS
Band66	15MHz	16QAM	132597	75RB#0	-26.60	PASS
Band66	20MHz	QPSK	132072	1RB#0	-26.13	PASS
Band66	20MHz	QPSK	132072	100RB#0	-26.40	PASS
Band66	20MHz	QPSK	132572	1RB#99	-27.13	PASS
Band66	20MHz	QPSK	132572	100RB#0	-24.69	PASS
Band66	20MHz	16QAM	132072	1RB#0	-27.07	PASS
Band66	20MHz	16QAM	132072	100RB#0	-29.45	PASS
Band66	20MHz	16QAM	132572	1RB#99	-28.54	PASS
Band66	20MHz	16QAM	132572	100RB#0	-27.33	PASS

5.2. Test Plots





Band66-1.4MHz-QPSK-131979-6RB#0



Date: 1.SEP.2020 10:43:14

Band66-1.4MHz-QPSK-132665-1RB#5



Date: 1.SEP.2020 10:43:59



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Band66-1.4MHz-QPSK-132665-6RB#0



Date: 1.SEP.2020 10:44:40

Band66-1.4MHz-16QAM-131979-1RB#0



Date: 1.SEP.2020 10:42:54



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Band66-1.4MHz-16QAM-131979-6RB#0



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Band66-1.4MHz-16QAM-132665-1RB#5



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Band66-1.4MHz-16QAM-132665-6RB#0



Date: 1.SEP.2020 10:45:01

Band66-3MHz-QPSK-131987-1RB#0



Date: 1.SEP.2020 10:45:27



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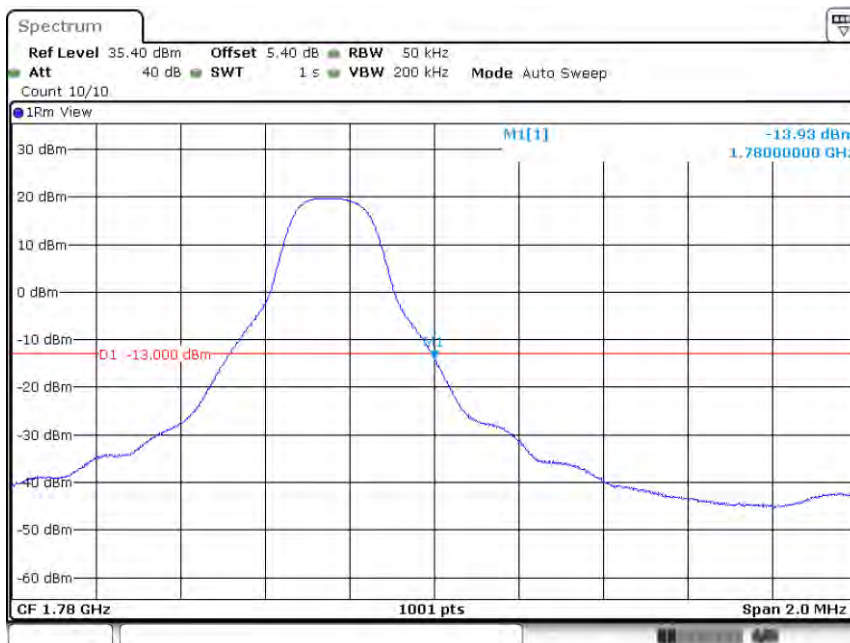
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Band66-3MHz-QPSK-131987-15RB#0



Date: 1.SEP.2020 10:46:07

Band66-3MHz-QPSK-132657-1RB#14



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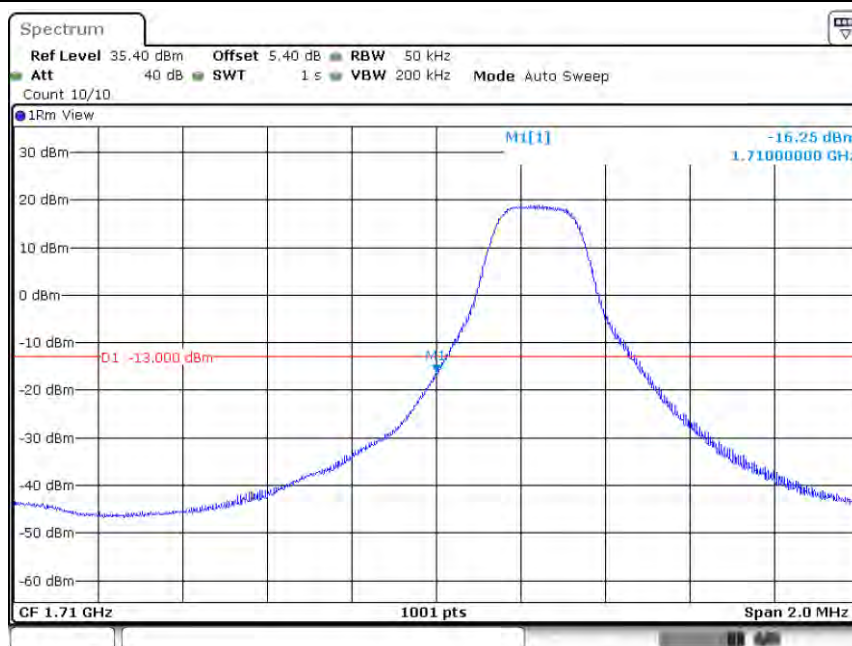


Band66-3MHz-QPSK-132657-15RB#0



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Band66-3MHz-16QAM-131987-1RB#0



Date: 1.SEP.2020 10:45:47



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Band66-3MHz-16QAM-131987-15RB#0



Date: 1.SEP.2020 10:46:28

Band66-3MHz-16QAM-132657-1RB#14



Date: 1.SEP.2020 10:47:13



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Band66-3MHz-16QAM-132657-15RB#0



Date: 1.SEP.2020 10:47:54

Band66-5MHz-QPSK-131997-1RB#0



Date: 1.SEP.2020 10:48:20



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Band66-5MHz-QPSK-131997-25RB#0



Date: 1.SEP.2020 10:49:01

Band66-5MHz-QPSK-132647-1RB#24



Date: 1.SEP.2020 10:49:46

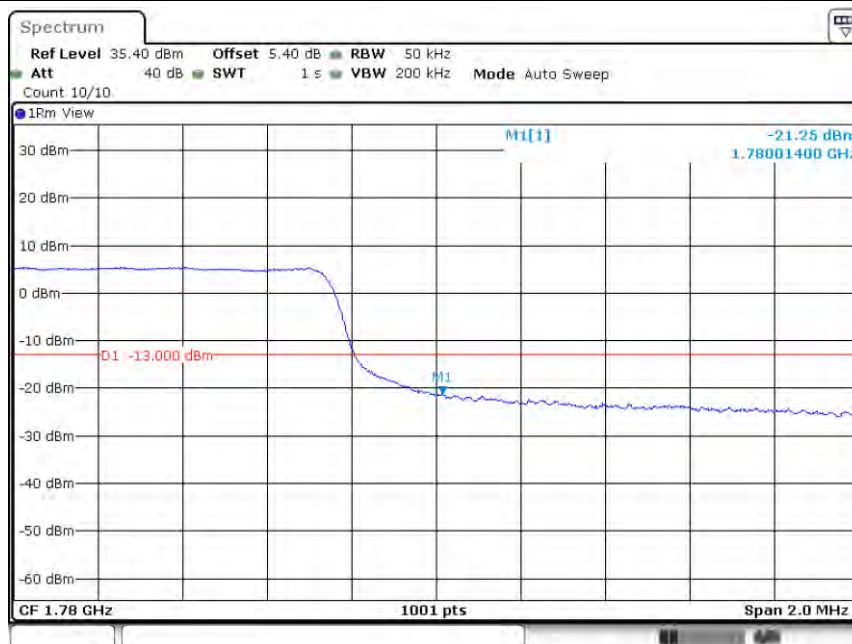


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Band66-5MHz-QPSK-132647-25RB#0



Date: 1.SEP.2020 10:50:27

Band66-5MHz-16QAM-131997-1RB#0



Date: 1.SEP.2020 10:48:40



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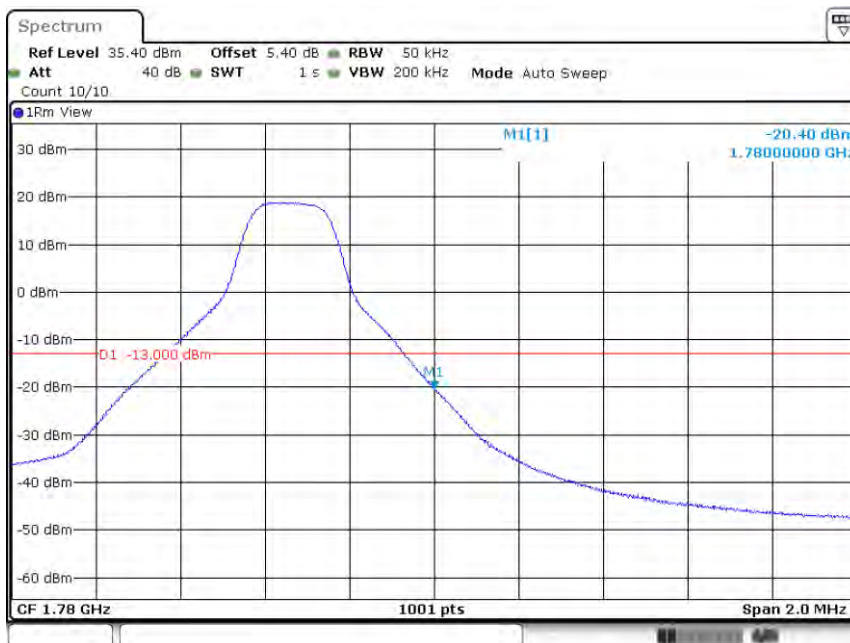


Band66-5MHz-16QAM-131997-25RB#0



Date: 1.SEP.2020 10:49:21

Band66-5MHz-16QAM-132647-1RB#24



Date: 1.SEP.2020 10:50:06



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Band66-5MHz-16QAM-132647-25RB#0



Date: 1.SEP.2020 10:50:47

Band66-10MHz-QPSK-132022-1RB#0



Date: 1.SEP.2020 10:51:13



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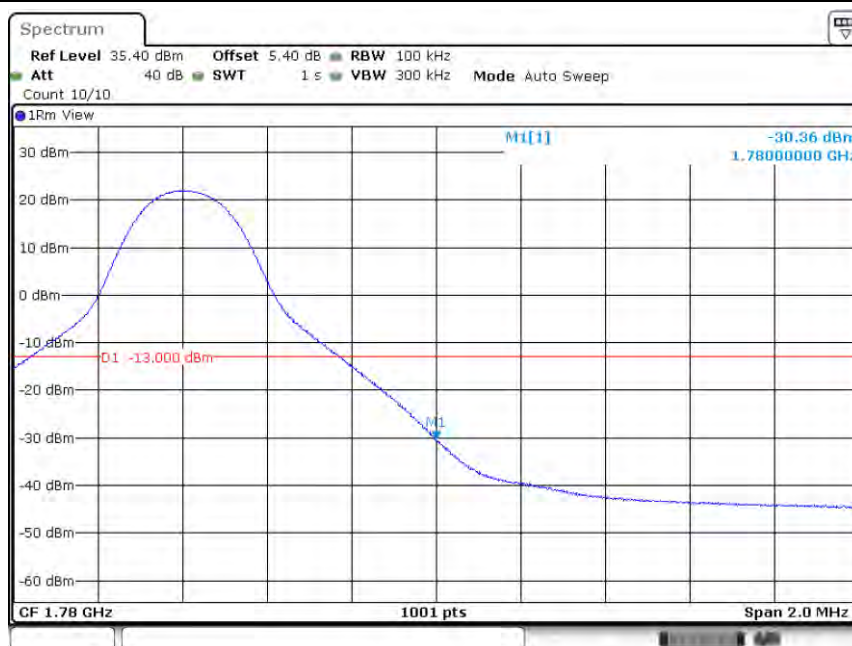


Band66-10MHz-QPSK-132022-50RB#0



Date: 1.SEP.2020 10:51:54

Band66-10MHz-QPSK-132622-1RB#49



Date: 1.SEP.2020 10:52:39



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Band66-10MHz-QPSK-132622-50RB#0



Date: 1.SEP.2020 10:53:20

Band66-10MHz-16QAM-132022-1RB#0



Date: 1.SEP.2020 10:51:33



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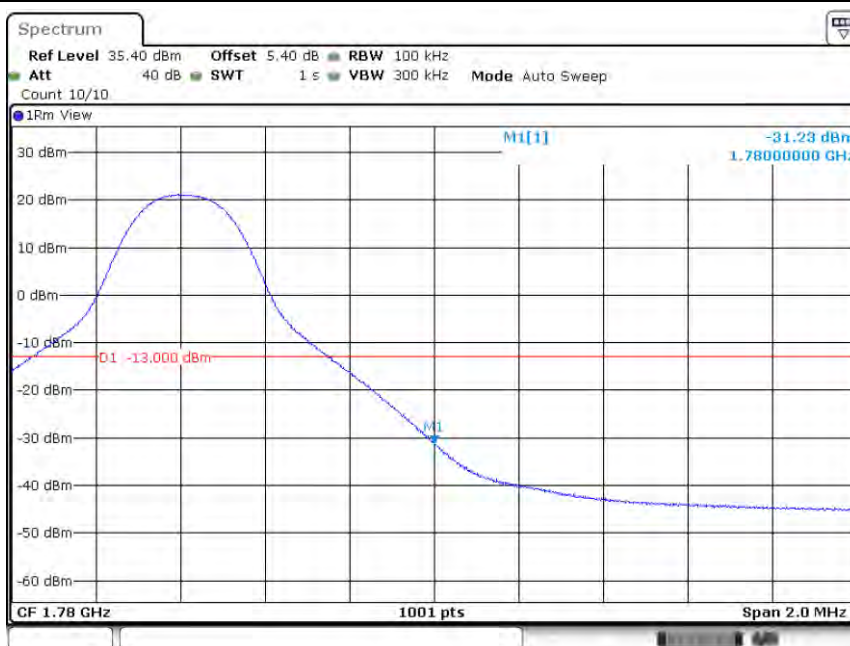


Band66-10MHz-16QAM-132022-50RB#0



Date: 1.SEP.2020 10:52:14

Band66-10MHz-16QAM-132622-1RB#49



Date: 1.SEP.2020 10:52:59



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Band66-10MHz-16QAM-132622-50RB#0



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Band66-15MHz-QPSK-132047-1RB#0



Date: 1.SEP.2020 10:54:06



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Band66-15MHz-QPSK-132047-75RB#0



Date: 1.SEP.2020 10:54:47

Band66-15MHz-QPSK-132597-1RB#74



Date: 1.SEP.2020 10:59:54



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Band66-15MHz-QPSK-132597-75RB#0



Date: 1.SEP.2020 11:00:34

Band66-15MHz-16QAM-132047-1RB#0



Date: 1.SEP.2020 10:54:26



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Band66-15MHz-16QAM-132047-75RB#0



Date: 1.SEP.2020 10:55:07

Band66-15MHz-16QAM-132597-1RB#74



Date: 1.SEP.2020 11:00:14

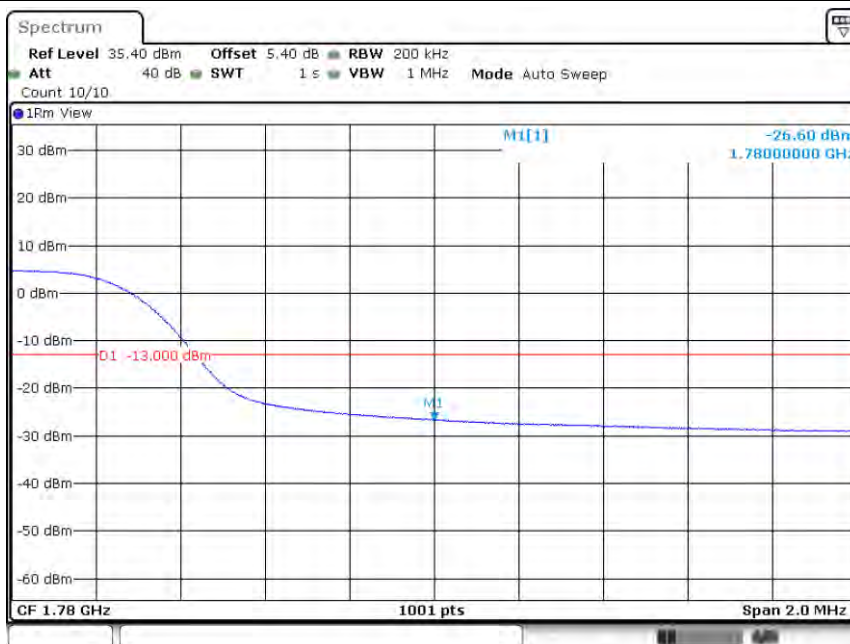


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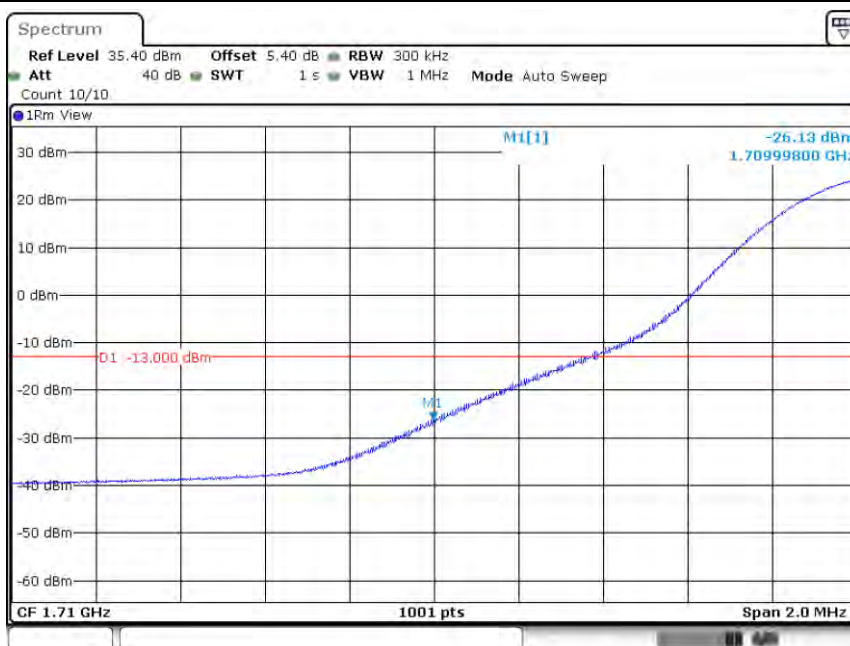


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Date: 1.SEP.2020 11:00:55

Band66-20MHz-QPSK-132072-1RB#0



Date: 1.SEP.2020 11:01:20



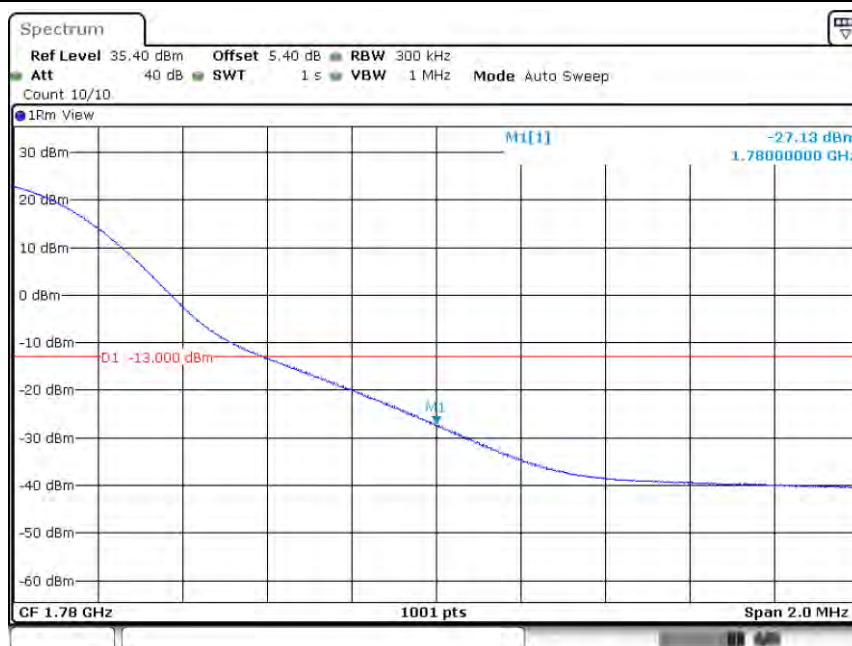


Band66-20MHz-QPSK-132072-100RB#0



Date: 1.SEP.2020 11:02:01

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Date: 1.SEP.2020 11:02:47

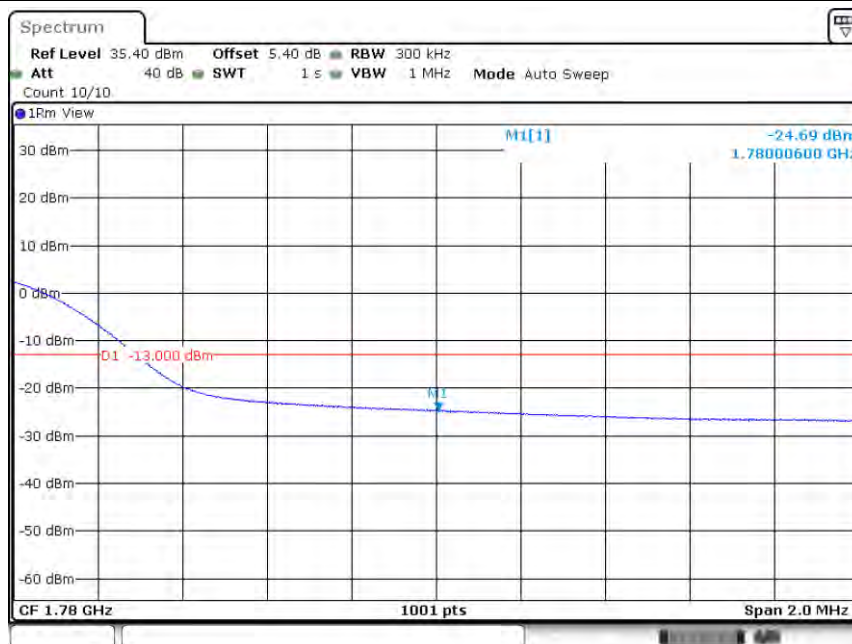


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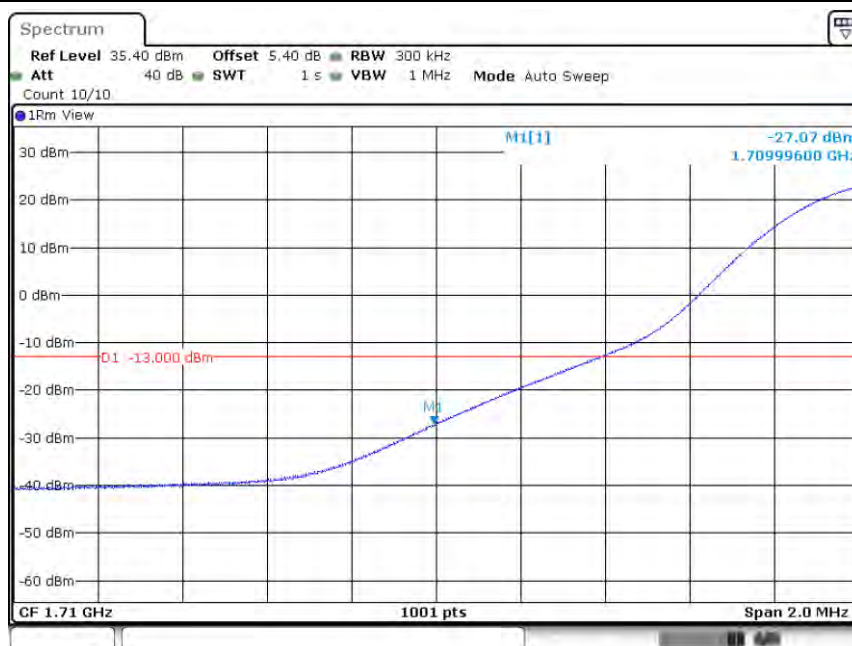


Band66-20MHz-QPSK-132572-100RB#0



Date: 1.SEP.2020 11:03:28

Band66-20MHz-16QAM-132072-1RB#0



Date: 1.SEP.2020 11:01:41

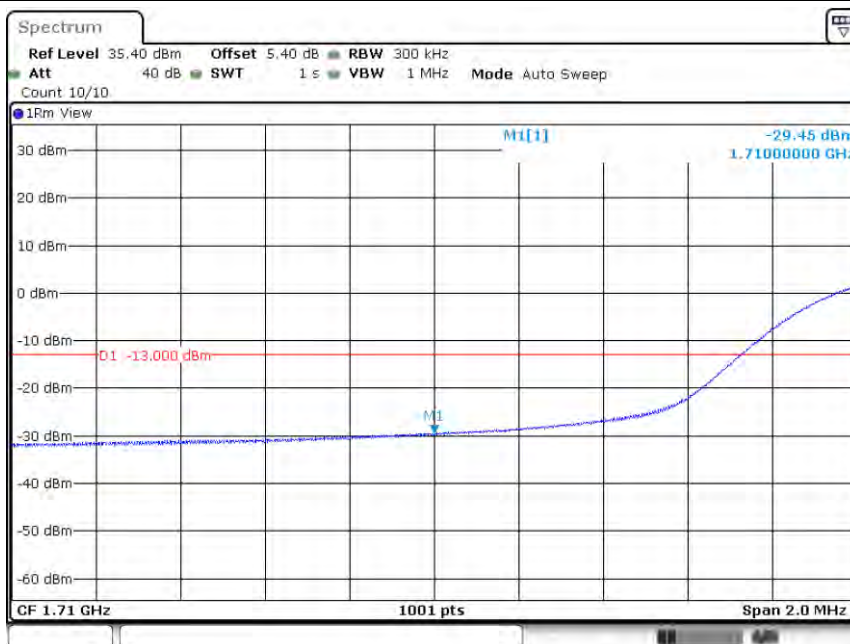


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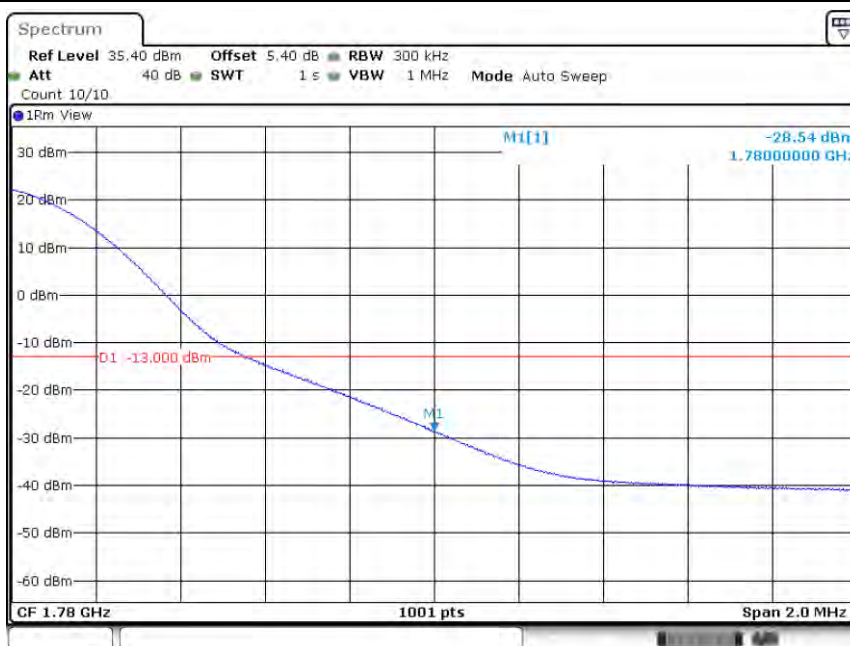


Band66-20MHz-16QAM-132072-100RB#0



Date: 1.SEP.2020 11:02:22

Band66-20MHz-16QAM-132572-1RB#99



Date: 1.SEP.2020 11:03:07

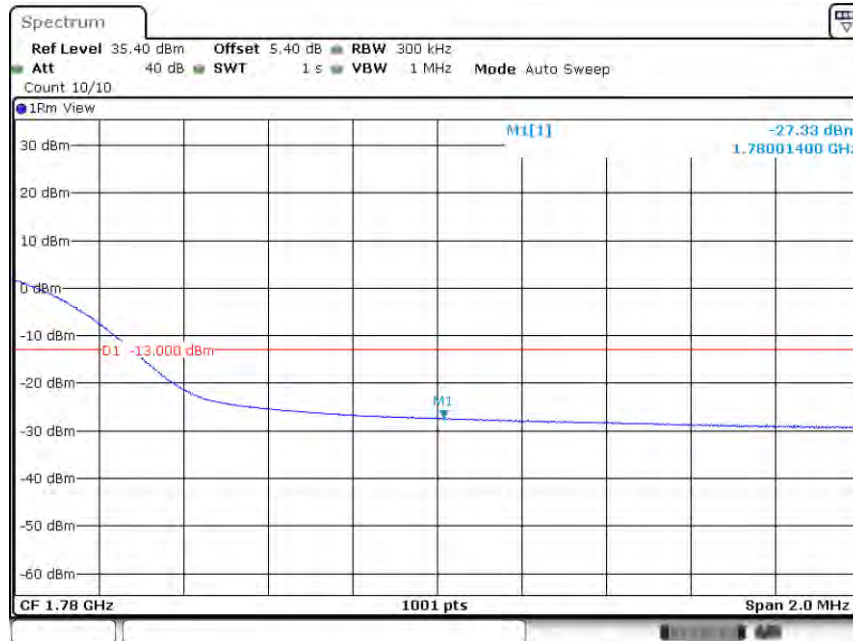


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Band66-20MHz-16QAM-132572-100RB#0



Date: 1.SEP.2020 11:03:48



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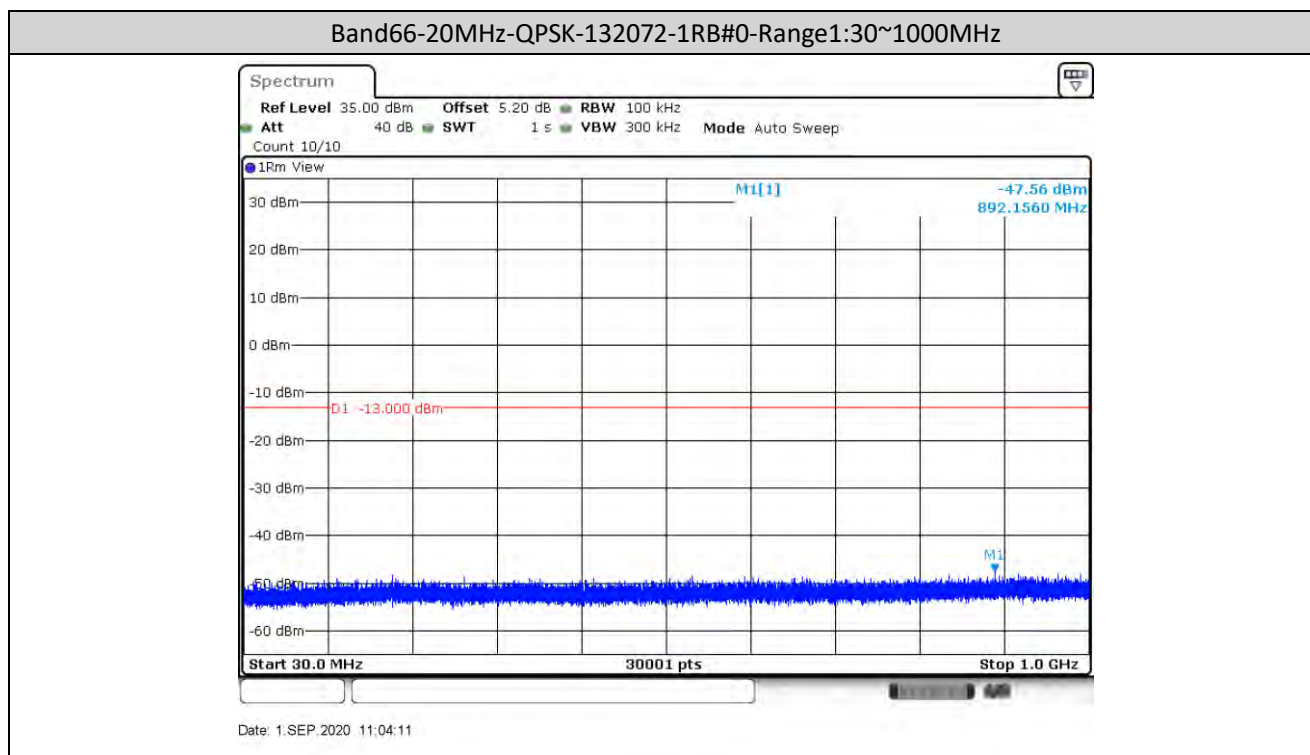


6. Spurious Emission at Antenna Terminal

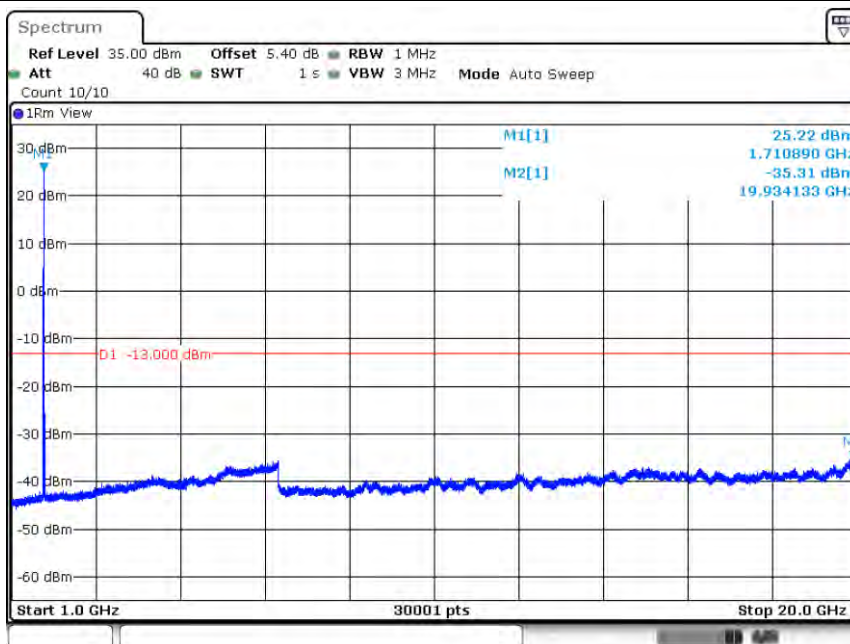
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

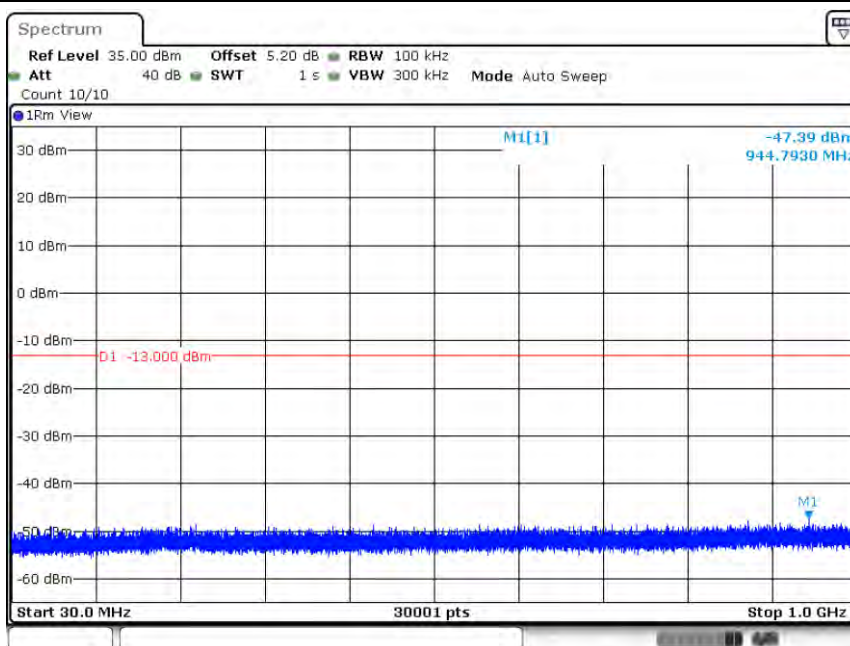


Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:04:27

Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



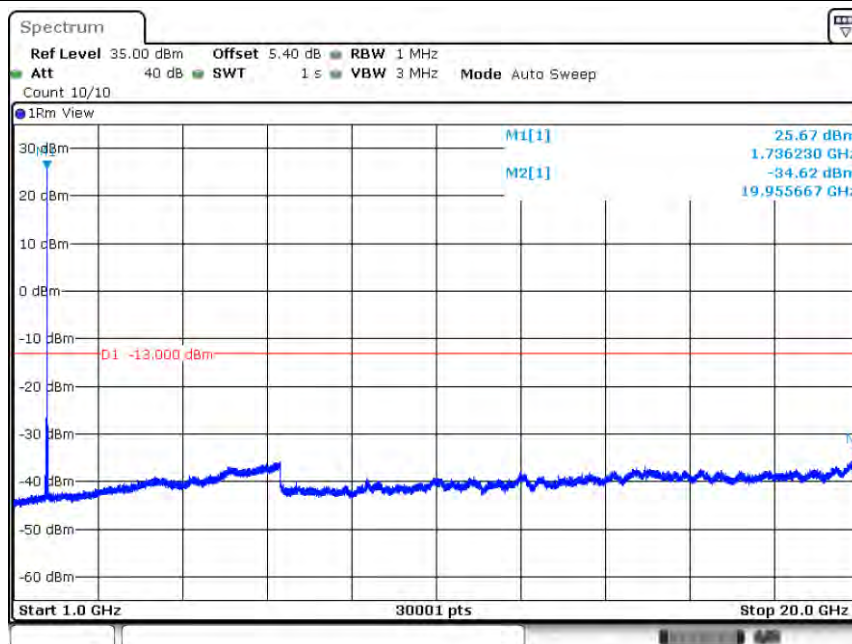
Date: 1.SEP.2020 11:05:21



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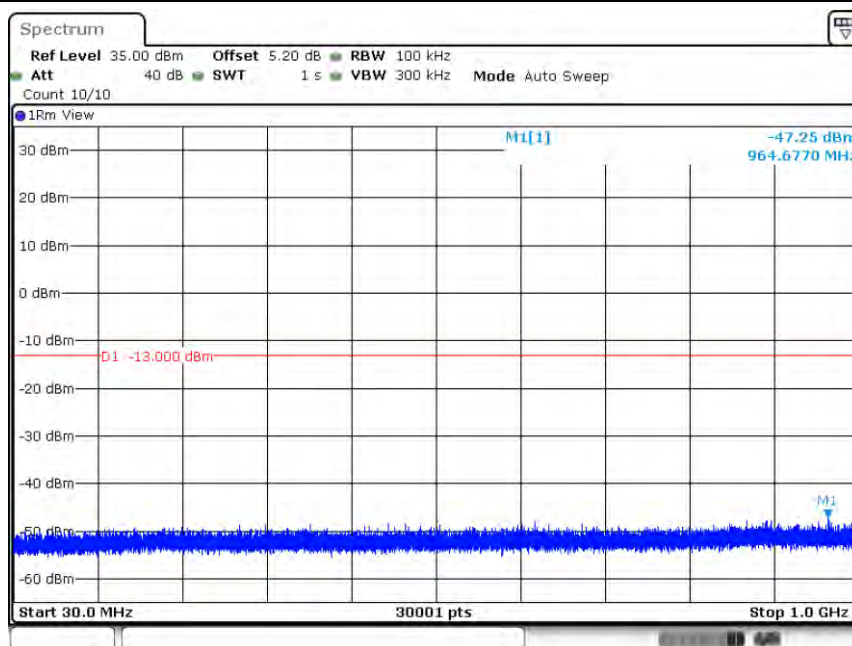
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Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:05:38

Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Date: 1.SEP.2020 11:06:31

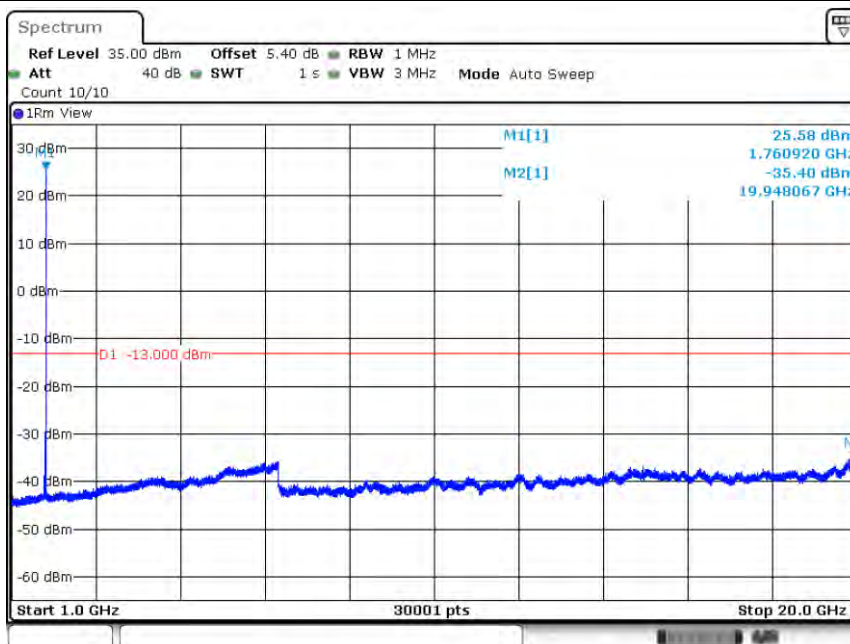


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Shenzhen Branch

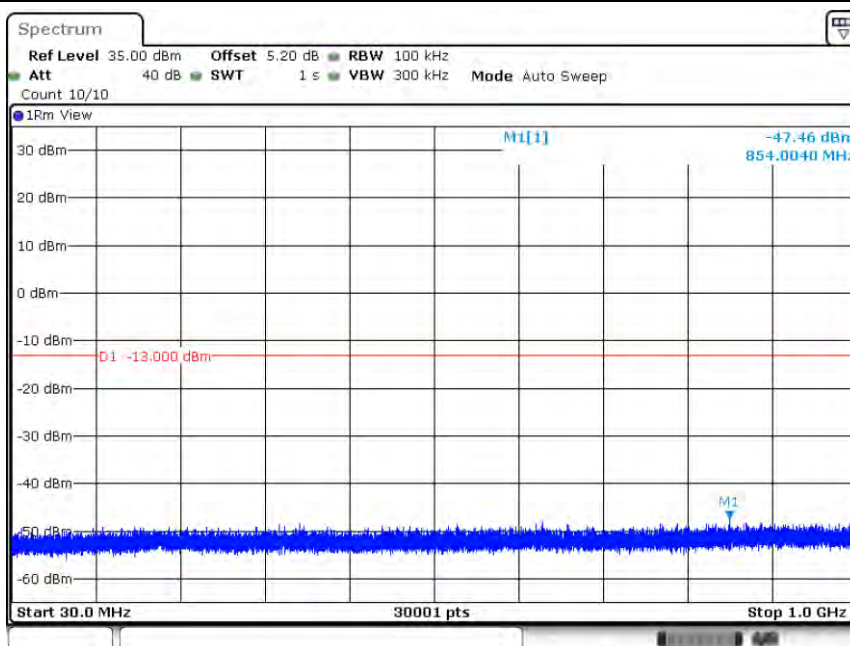
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Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:06:47

Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



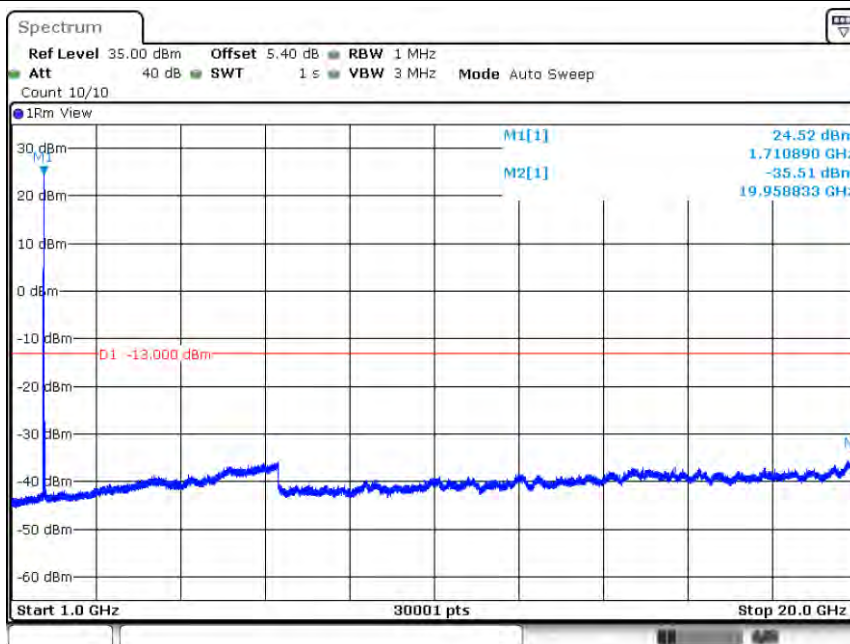
Date: 1.SEP.2020 11:04:46



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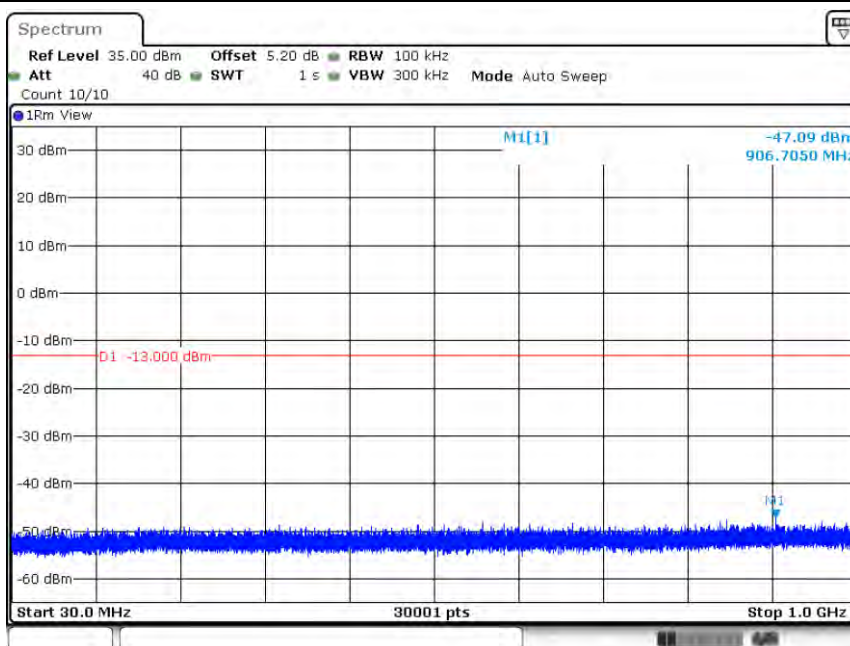
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Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:05:02

Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



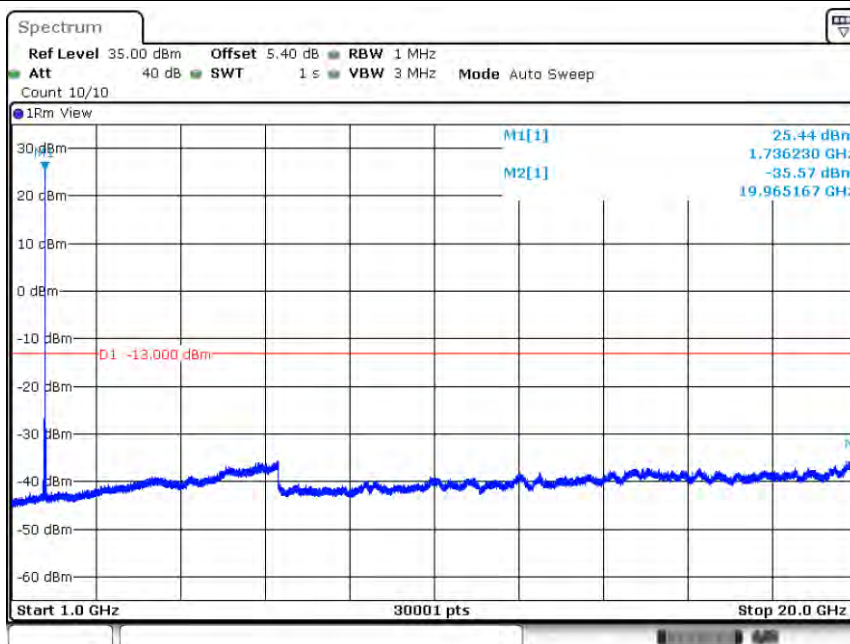
Date: 1.SEP.2020 11:05:56



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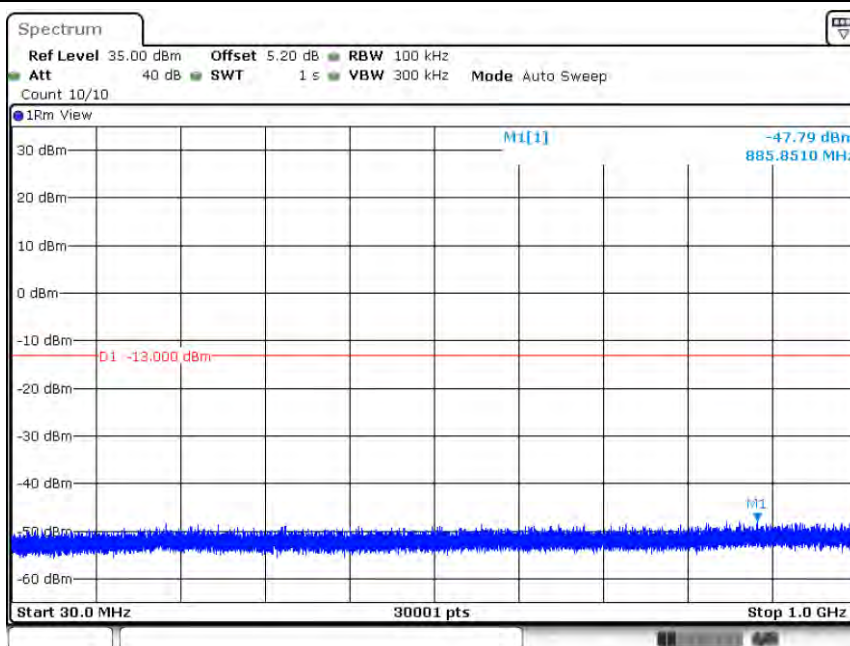
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Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:06:12

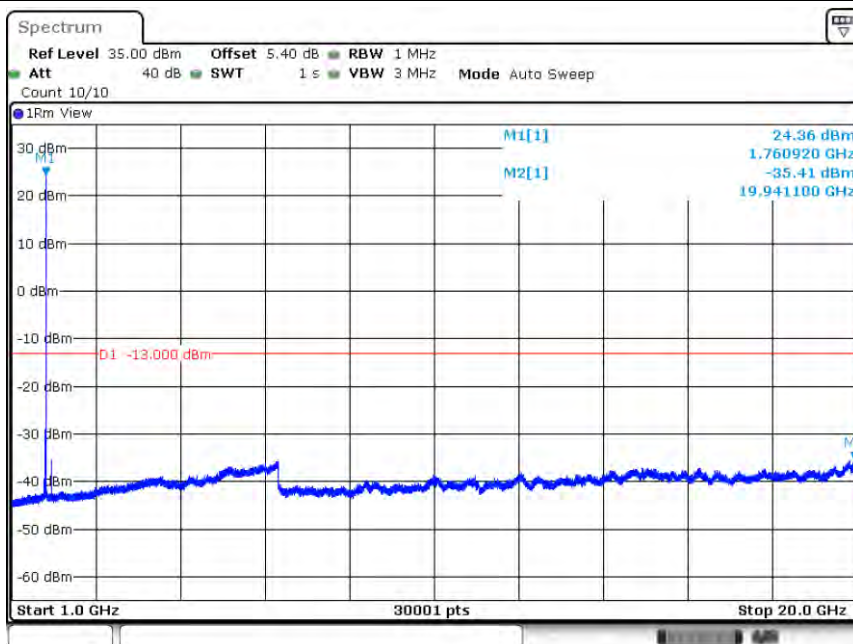
Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Date: 1.SEP.2020 11:07:06



Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 1.SEP.2020 11:07:22





7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
117.4499	-65.07	-13.00	52.07	Vertical
2695.9392	-37.68	-13.00	24.68	Vertical
3422.0141	-53.80	-13.00	40.80	Vertical
5133.0711	-27.41	-13.00	14.41	Vertical
6844.6282	-43.54	-13.00	30.54	Vertical
8555.6852	-45.35	-13.00	32.35	Vertical
43.9202	-63.57	-13.00	50.57	Horizontal
241.3251	-68.15	-13.00	55.15	Horizontal
2697.9396	-36.42	-13.00	23.42	Horizontal
5133.5711	-27.65	-13.00	14.65	Horizontal
6844.1281	-44.87	-13.00	31.87	Horizontal
8555.6852	-50.23	-13.00	37.23	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.2644	-64.90	-13.00	51.90	Vertical
2709.9420	-37.76	-13.00	24.76	Vertical
5208.5736	-34.23	-13.00	21.23	Vertical
6944.6315	-48.32	-13.00	35.32	Vertical
8680.1893	-50.00	-13.00	37.00	Vertical
17993.4998	-40.02	-13.00	27.02	Vertical
44.6962	-64.86	-13.00	51.86	Horizontal
239.9185	-67.93	-13.00	54.93	Horizontal
2701.5403	-36.49	-13.00	23.49	Horizontal
5208.5736	-34.55	-13.00	21.55	Horizontal
6944.1315	-48.44	-13.00	35.44	Horizontal
16399.4466	-43.60	-13.00	30.60	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.6895	-65.35	-13.00	52.35	Vertical
2698.3397	-37.74	-13.00	24.74	Vertical
5283.5761	-33.09	-13.00	20.09	Vertical
7044.1348	-44.80	-13.00	31.80	Vertical
8805.1935	-48.92	-13.00	35.92	Vertical
17999.5000	-40.03	-13.00	27.03	Vertical
45.0843	-64.70	-13.00	51.70	Horizontal
227.9869	-68.23	-13.00	55.23	Horizontal
2700.7401	-36.41	-13.00	23.41	Horizontal
5283.0761	-31.82	-13.00	18.82	Horizontal
7044.6348	-46.28	-13.00	33.28	Horizontal
16407.4469	-42.72	-13.00	29.72	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	1.30	0.000756	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	1.80	0.001047	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	2.70	0.001570	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-3.60	-0.002063	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-2.60	-0.001490	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	0.60	0.000339	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-0.20	-0.000113	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	1.20	0.000698	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	2.00	0.001163	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	1.50	0.000872	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-3.20	-0.001834	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	0.40	0.000226	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	0.60	0.000339	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-0.40	-0.000226	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	2.00	0.001163	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-0.10	-0.000058	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	3.20	0.001860	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	1.50	0.000872	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	3.10	0.001802	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	3.00	0.001744	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	1.80	0.001047	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	2.70	0.001570	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	1.40	0.000814	±2.5	PASS



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Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-3.30	-0.001891	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-3.50	-0.002006	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-4.90	-0.002808	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-2.80	-0.001605	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-4.20	-0.002407	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-1.60	-0.000917	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-4.00	-0.002292	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-2.10	-0.001186	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	0.10	0.000056	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-1.10	-0.000621	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-0.40	-0.000226	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	0.80	0.000452	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	1.10	0.000621	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-0.40	-0.000226	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	1.40	0.000814	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	1.30	0.000756	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	0.50	0.000291	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	2.10	0.001221	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	2.00	0.001163	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	2.60	0.001512	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	1.30	0.000756	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	3.40	0.001977	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	1.60	0.000930	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-1.80	-0.001032	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-3.30	-0.001891	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-3.40	-0.001948	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-3.90	-0.002235	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-2.30	-0.001318	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-2.90	-0.001662	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-2.60	-0.001490	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-1.70	-0.000974	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	0.50	0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	0.20	0.000113	±2.5	PASS



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Band66	20MHz	16QAM	132572	100RB#0	NV	-10	1.50	0.000847	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	0.40	0.000226	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	0.50	0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	0.30	0.000169	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	0.50	0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	2.50	0.001412	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	-0.10	-0.000056	±2.5	PASS



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