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Appendix



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	21.63	22.50	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	21.98	22.85	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	21.53	22.40	33	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	21.64	22.51	33	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	22.00	22.87	33	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	21.54	22.41	33	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	20.80	21.67	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	21.64	22.51	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	21.89	22.76	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	21.50	22.37	33	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	21.59	22.46	33	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	21.87	22.74	33	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	21.54	22.41	33	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	20.78	21.65	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	21.59	22.46	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	21.86	22.73	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	21.46	22.33	33	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	21.60	22.47	33	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	21.89	22.76	33	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	21.44	22.31	33	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	20.80	21.67	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	20.85	21.72	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	20.97	21.84	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	20.90	21.77	33	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	20.84	21.71	33	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	20.83	21.70	33	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	20.66	21.53	33	PASS



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Band66	1.4MHz	16QAM	131979	6RB#0	19.81	20.68	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	20.89	21.76	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	20.95	21.82	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.02	21.89	33	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	20.49	21.36	33	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	20.82	21.69	33	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	20.11	20.98	33	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.64	20.51	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	20.86	21.73	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	20.96	21.83	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	20.88	21.75	33	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	20.72	21.59	33	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	20.98	21.85	33	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	20.15	21.02	33	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	19.71	20.58	33	PASS
Band66	3MHz	QPSK	131987	1RB#0	21.63	22.50	33	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.02	22.89	33	PASS
Band66	3MHz	QPSK	131987	1RB#14	21.53	22.40	33	PASS
Band66	3MHz	QPSK	131987	8RB#0	20.76	21.63	33	PASS
Band66	3MHz	QPSK	131987	8RB#4	20.86	21.73	33	PASS
Band66	3MHz	QPSK	131987	8RB#7	20.96	21.83	33	PASS
Band66	3MHz	QPSK	131987	15RB#0	20.90	21.77	33	PASS
Band66	3MHz	QPSK	132322	1RB#0	21.61	22.48	33	PASS
Band66	3MHz	QPSK	132322	1RB#8	21.86	22.73	33	PASS
Band66	3MHz	QPSK	132322	1RB#14	21.52	22.39	33	PASS
Band66	3MHz	QPSK	132322	8RB#0	20.79	21.66	33	PASS
Band66	3MHz	QPSK	132322	8RB#4	20.86	21.73	33	PASS
Band66	3MHz	QPSK	132322	8RB#7	20.98	21.85	33	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.00	21.87	33	PASS
Band66	3MHz	QPSK	132657	1RB#0	21.59	22.46	33	PASS
Band66	3MHz	QPSK	132657	1RB#8	21.86	22.73	33	PASS
Band66	3MHz	QPSK	132657	1RB#14	21.45	22.32	33	PASS



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Band66	3MHz	QPSK	132657	8RB#0	20.75	21.62	33	PASS
Band66	3MHz	QPSK	132657	8RB#4	20.85	21.72	33	PASS
Band66	3MHz	QPSK	132657	8RB#7	20.97	21.84	33	PASS
Band66	3MHz	QPSK	132657	15RB#0	20.85	21.72	33	PASS
Band66	3MHz	16QAM	131987	1RB#0	20.84	21.71	33	PASS
Band66	3MHz	16QAM	131987	1RB#8	20.81	21.68	33	PASS
Band66	3MHz	16QAM	131987	1RB#14	20.69	21.56	33	PASS
Band66	3MHz	16QAM	131987	8RB#0	19.80	20.67	33	PASS
Band66	3MHz	16QAM	131987	8RB#4	19.93	20.80	33	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.02	20.89	33	PASS
Band66	3MHz	16QAM	131987	15RB#0	19.89	20.76	33	PASS
Band66	3MHz	16QAM	132322	1RB#0	20.46	21.33	33	PASS
Band66	3MHz	16QAM	132322	1RB#8	20.80	21.67	33	PASS
Band66	3MHz	16QAM	132322	1RB#14	20.09	20.96	33	PASS
Band66	3MHz	16QAM	132322	8RB#0	19.68	20.55	33	PASS
Band66	3MHz	16QAM	132322	8RB#4	19.86	20.73	33	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.00	20.87	33	PASS
Band66	3MHz	16QAM	132322	15RB#0	19.88	20.75	33	PASS
Band66	3MHz	16QAM	132657	1RB#0	20.72	21.59	33	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.50	22.37	33	PASS
Band66	3MHz	16QAM	132657	1RB#14	20.14	21.01	33	PASS
Band66	3MHz	16QAM	132657	8RB#0	19.71	20.58	33	PASS
Band66	3MHz	16QAM	132657	8RB#4	19.94	20.81	33	PASS
Band66	3MHz	16QAM	132657	8RB#7	19.94	20.81	33	PASS
Band66	3MHz	16QAM	132657	15RB#0	19.86	20.73	33	PASS
Band66	5MHz	QPSK	131997	1RB#0	21.63	22.50	33	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.01	22.88	33	PASS
Band66	5MHz	QPSK	131997	1RB#24	21.53	22.40	33	PASS
Band66	5MHz	QPSK	131997	12RB#0	20.80	21.67	33	PASS
Band66	5MHz	QPSK	131997	12RB#6	20.85	21.72	33	PASS
Band66	5MHz	QPSK	131997	12RB#13	20.95	21.82	33	PASS
Band66	5MHz	QPSK	131997	25RB#0	20.86	21.73	33	PASS



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Band66	5MHz	QPSK	132322	1RB#0	21.59	22.46	33	PASS
Band66	5MHz	QPSK	132322	1RB#12	21.90	22.77	33	PASS
Band66	5MHz	QPSK	132322	1RB#24	21.50	22.37	33	PASS
Band66	5MHz	QPSK	132322	12RB#0	20.79	21.66	33	PASS
Band66	5MHz	QPSK	132322	12RB#6	20.88	21.75	33	PASS
Band66	5MHz	QPSK	132322	12RB#13	20.97	21.84	33	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.02	21.89	33	PASS
Band66	5MHz	QPSK	132647	1RB#0	21.60	22.47	33	PASS
Band66	5MHz	QPSK	132647	1RB#12	21.87	22.74	33	PASS
Band66	5MHz	QPSK	132647	1RB#24	21.46	22.33	33	PASS
Band66	5MHz	QPSK	132647	12RB#0	20.79	21.66	33	PASS
Band66	5MHz	QPSK	132647	12RB#6	20.88	21.75	33	PASS
Band66	5MHz	QPSK	132647	12RB#13	20.93	21.80	33	PASS
Band66	5MHz	QPSK	132647	25RB#0	20.88	21.75	33	PASS
Band66	5MHz	16QAM	131997	1RB#0	20.87	21.74	33	PASS
Band66	5MHz	16QAM	131997	1RB#12	20.83	21.70	33	PASS
Band66	5MHz	16QAM	131997	1RB#24	20.69	21.56	33	PASS
Band66	5MHz	16QAM	131997	12RB#0	19.82	20.69	33	PASS
Band66	5MHz	16QAM	131997	12RB#6	19.94	20.81	33	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.03	20.90	33	PASS
Band66	5MHz	16QAM	131997	25RB#0	19.87	20.74	33	PASS
Band66	5MHz	16QAM	132322	1RB#0	20.47	21.34	33	PASS
Band66	5MHz	16QAM	132322	1RB#12	20.81	21.68	33	PASS
Band66	5MHz	16QAM	132322	1RB#24	20.07	20.94	33	PASS
Band66	5MHz	16QAM	132322	12RB#0	19.65	20.52	33	PASS
Band66	5MHz	16QAM	132322	12RB#6	19.84	20.71	33	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.00	20.87	33	PASS
Band66	5MHz	16QAM	132322	25RB#0	19.85	20.72	33	PASS
Band66	5MHz	16QAM	132647	1RB#0	20.73	21.60	33	PASS
Band66	5MHz	16QAM	132647	1RB#12	20.88	21.75	33	PASS
Band66	5MHz	16QAM	132647	1RB#24	20.14	21.01	33	PASS
Band66	5MHz	16QAM	132647	12RB#0	19.71	20.58	33	PASS



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Band66	5MHz	16QAM	132647	12RB#6	19.96	20.83	33	PASS
Band66	5MHz	16QAM	132647	12RB#13	19.97	20.84	33	PASS
Band66	5MHz	16QAM	132647	25RB#0	19.89	20.76	33	PASS
Band66	10MHz	QPSK	132022	1RB#0	21.63	22.50	33	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.02	22.89	33	PASS
Band66	10MHz	QPSK	132022	1RB#49	21.52	22.39	33	PASS
Band66	10MHz	QPSK	132022	25RB#0	20.77	21.64	33	PASS
Band66	10MHz	QPSK	132022	25RB#12	20.90	21.77	33	PASS
Band66	10MHz	QPSK	132022	25RB#25	20.96	21.83	33	PASS
Band66	10MHz	QPSK	132022	50RB#0	20.85	21.72	33	PASS
Band66	10MHz	QPSK	132322	1RB#0	21.63	22.50	33	PASS
Band66	10MHz	QPSK	132322	1RB#24	21.88	22.75	33	PASS
Band66	10MHz	QPSK	132322	1RB#49	21.51	22.38	33	PASS
Band66	10MHz	QPSK	132322	25RB#0	20.75	21.62	33	PASS
Band66	10MHz	QPSK	132322	25RB#12	20.90	21.77	33	PASS
Band66	10MHz	QPSK	132322	25RB#25	20.99	21.86	33	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.02	21.89	33	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.57	22.44	33	PASS
Band66	10MHz	QPSK	132622	1RB#24	21.86	22.73	33	PASS
Band66	10MHz	QPSK	132622	1RB#49	21.47	22.34	33	PASS
Band66	10MHz	QPSK	132622	25RB#0	20.79	21.66	33	PASS
Band66	10MHz	QPSK	132622	25RB#12	20.85	21.72	33	PASS
Band66	10MHz	QPSK	132622	25RB#25	20.98	21.85	33	PASS
Band66	10MHz	QPSK	132622	50RB#0	20.85	21.72	33	PASS
Band66	10MHz	16QAM	132022	1RB#0	20.87	21.74	33	PASS
Band66	10MHz	16QAM	132022	1RB#24	20.81	21.68	33	PASS
Band66	10MHz	16QAM	132022	1RB#49	20.65	21.52	33	PASS
Band66	10MHz	16QAM	132022	25RB#0	19.80	20.67	33	PASS
Band66	10MHz	16QAM	132022	25RB#12	19.95	20.82	33	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.04	20.91	33	PASS
Band66	10MHz	16QAM	132022	50RB#0	19.85	20.72	33	PASS
Band66	10MHz	16QAM	132322	1RB#0	20.49	21.36	33	PASS



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Band66	10MHz	16QAM	132322	1RB#49	20.08	20.95	33	PASS
Band66	10MHz	16QAM	132322	25RB#0	19.69	20.56	33	PASS
Band66	10MHz	16QAM	132322	25RB#12	19.87	20.74	33	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.02	20.89	33	PASS
Band66	10MHz	16QAM	132322	50RB#0	19.88	20.75	33	PASS
Band66	10MHz	16QAM	132622	1RB#0	20.71	21.58	33	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.49	22.36	33	PASS
Band66	10MHz	16QAM	132622	1RB#49	20.13	21.00	33	PASS
Band66	10MHz	16QAM	132622	25RB#0	19.71	20.58	33	PASS
Band66	10MHz	16QAM	132622	25RB#12	19.96	20.83	33	PASS
Band66	10MHz	16QAM	132622	25RB#25	19.95	20.82	33	PASS
Band66	10MHz	16QAM	132622	50RB#0	19.89	20.76	33	PASS
Band66	15MHz	QPSK	132047	1RB#0	21.62	22.49	33	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.00	22.87	33	PASS
Band66	15MHz	QPSK	132047	1RB#74	21.51	22.38	33	PASS
Band66	15MHz	QPSK	132047	38RB#0	20.79	21.66	33	PASS
Band66	15MHz	QPSK	132047	38RB#18	20.85	21.72	33	PASS
Band66	15MHz	QPSK	132047	38RB#37	20.96	21.83	33	PASS
Band66	15MHz	QPSK	132047	75RB#0	20.87	21.74	33	PASS
Band66	15MHz	QPSK	132322	1RB#0	21.59	22.46	33	PASS
Band66	15MHz	QPSK	132322	1RB#38	21.91	22.78	33	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.53	22.40	33	PASS
Band66	15MHz	QPSK	132322	38RB#0	20.78	21.65	33	PASS
Band66	15MHz	QPSK	132322	38RB#18	20.86	21.73	33	PASS
Band66	15MHz	QPSK	132322	38RB#37	20.95	21.82	33	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.00	21.87	33	PASS
Band66	15MHz	QPSK	132597	1RB#0	21.58	22.45	33	PASS
Band66	15MHz	QPSK	132597	1RB#38	21.84	22.71	33	PASS
Band66	15MHz	QPSK	132597	1RB#74	21.45	22.32	33	PASS
Band66	15MHz	QPSK	132597	38RB#0	20.78	21.65	33	PASS
Band66	15MHz	QPSK	132597	38RB#18	20.86	21.73	33	PASS



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Band66	15MHz	QPSK	132597	38RB#37	20.97	21.84	33	PASS
Band66	15MHz	QPSK	132597	75RB#0	20.88	21.75	33	PASS
Band66	15MHz	16QAM	132047	1RB#0	20.87	21.74	33	PASS
Band66	15MHz	16QAM	132047	1RB#38	20.79	21.66	33	PASS
Band66	15MHz	16QAM	132047	1RB#74	20.68	21.55	33	PASS
Band66	15MHz	16QAM	132047	38RB#0	19.81	20.68	33	PASS
Band66	15MHz	16QAM	132047	38RB#18	19.93	20.80	33	PASS
Band66	15MHz	16QAM	132047	38RB#37	20.03	20.90	33	PASS
Band66	15MHz	16QAM	132047	75RB#0	19.85	20.72	33	PASS
Band66	15MHz	16QAM	132322	1RB#0	20.47	21.34	33	PASS
Band66	15MHz	16QAM	132322	1RB#38	20.82	21.69	33	PASS
Band66	15MHz	16QAM	132322	1RB#74	20.10	20.97	33	PASS
Band66	15MHz	16QAM	132322	38RB#0	19.69	20.56	33	PASS
Band66	15MHz	16QAM	132322	38RB#18	19.83	20.70	33	PASS
Band66	15MHz	16QAM	132322	38RB#37	19.98	20.85	33	PASS
Band66	15MHz	16QAM	132322	75RB#0	19.84	20.71	33	PASS
Band66	15MHz	16QAM	132597	1RB#0	20.70	21.57	33	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.48	22.35	33	PASS
Band66	15MHz	16QAM	132597	1RB#74	20.11	20.98	33	PASS
Band66	15MHz	16QAM	132597	38RB#0	19.72	20.59	33	PASS
Band66	15MHz	16QAM	132597	38RB#18	19.96	20.83	33	PASS
Band66	15MHz	16QAM	132597	38RB#37	19.96	20.83	33	PASS
Band66	15MHz	16QAM	132597	75RB#0	19.90	20.77	33	PASS
Band66	20MHz	QPSK	132072	1RB#0	21.71	22.58	33	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.08	22.95	33	PASS
Band66	20MHz	QPSK	132072	1RB#99	21.59	22.46	33	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.05	21.92	33	PASS
Band66	20MHz	QPSK	132072	50RB#25	20.95	21.82	33	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.02	21.89	33	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.08	21.95	33	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.19	23.06	33	PASS
Band66	20MHz	QPSK	132322	1RB#49	21.96	22.83	33	PASS



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Band66	20MHz	QPSK	132322	1RB#99	21.59	22.46	33	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.05	21.92	33	PASS
Band66	20MHz	QPSK	132322	50RB#25	20.95	21.82	33	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.04	21.91	33	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.07	21.94	33	PASS
Band66	20MHz	QPSK	132572	1RB#0	21.65	22.52	33	PASS
Band66	20MHz	QPSK	132572	1RB#49	21.94	22.81	33	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.17	23.04	33	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.04	21.91	33	PASS
Band66	20MHz	QPSK	132572	50RB#25	20.95	21.82	33	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.03	21.90	33	PASS
Band66	20MHz	QPSK	132572	100RB#0	20.95	21.82	33	PASS
Band66	20MHz	16QAM	132072	1RB#0	20.93	21.80	33	PASS
Band66	20MHz	16QAM	132072	1RB#49	20.88	21.75	33	PASS
Band66	20MHz	16QAM	132072	1RB#99	20.75	21.62	33	PASS
Band66	20MHz	16QAM	132072	50RB#0	19.90	20.77	33	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.03	20.90	33	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.09	20.96	33	PASS
Band66	20MHz	16QAM	132072	100RB#0	19.94	20.81	33	PASS
Band66	20MHz	16QAM	132322	1RB#0	20.54	21.41	33	PASS
Band66	20MHz	16QAM	132322	1RB#49	20.88	21.75	33	PASS
Band66	20MHz	16QAM	132322	1RB#99	20.17	21.04	33	PASS
Band66	20MHz	16QAM	132322	50RB#0	19.74	20.61	33	PASS
Band66	20MHz	16QAM	132322	50RB#25	19.92	20.79	33	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.08	20.95	33	PASS
Band66	20MHz	16QAM	132322	100RB#0	19.93	20.80	33	PASS
Band66	20MHz	16QAM	132572	1RB#0	20.80	21.67	33	PASS
Band66	20MHz	16QAM	132572	1RB#49	20.83	21.70	33	PASS
Band66	20MHz	16QAM	132572	1RB#99	20.20	21.07	33	PASS
Band66	20MHz	16QAM	132572	50RB#0	19.78	20.65	33	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.01	20.88	33	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.03	20.90	33	PASS



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Band66	20MHz	16QAM	132572	100RB#0	19.96	20.83	33	PASS
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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.06	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.14	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.96	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.06	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.84	13	PASS



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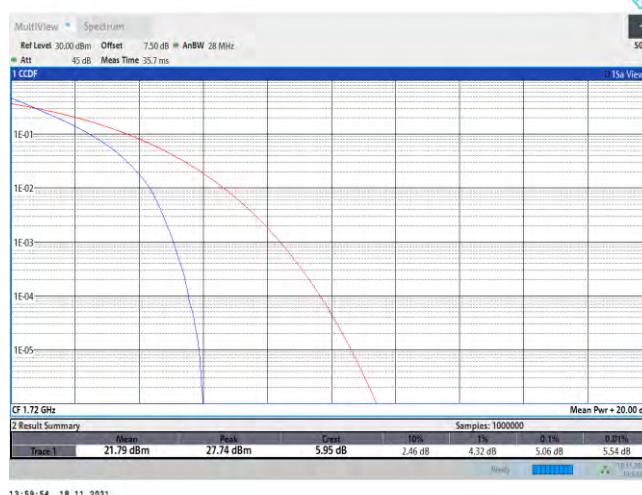
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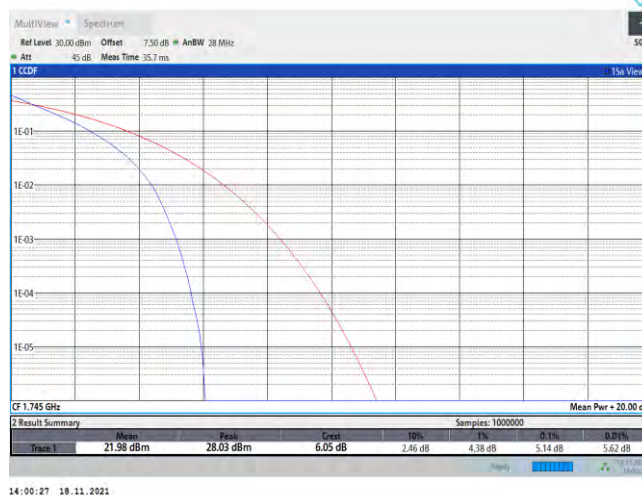
Test Graphs

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



13:59:54 18.11.2021

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



14:00:27 18.11.2021



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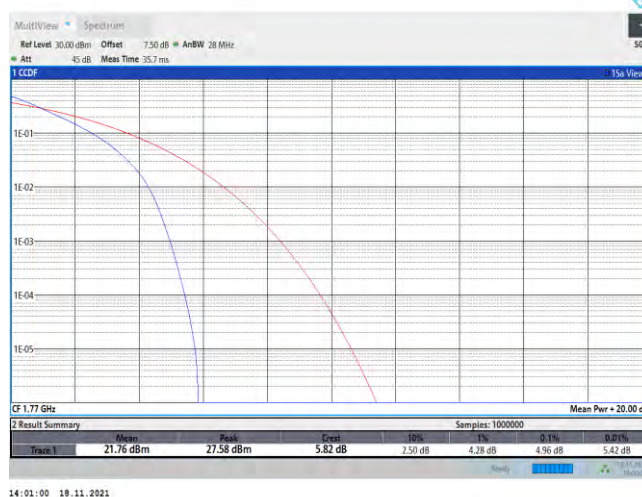
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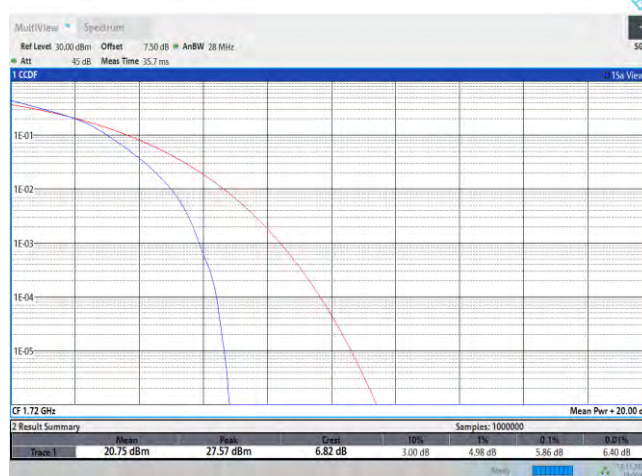
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Band66-20MHz-QPSK-132572-100RB#0



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



14:00:10 18.11.2021



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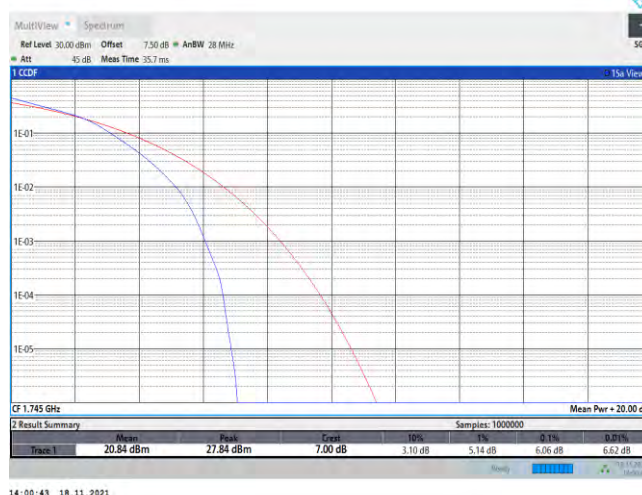
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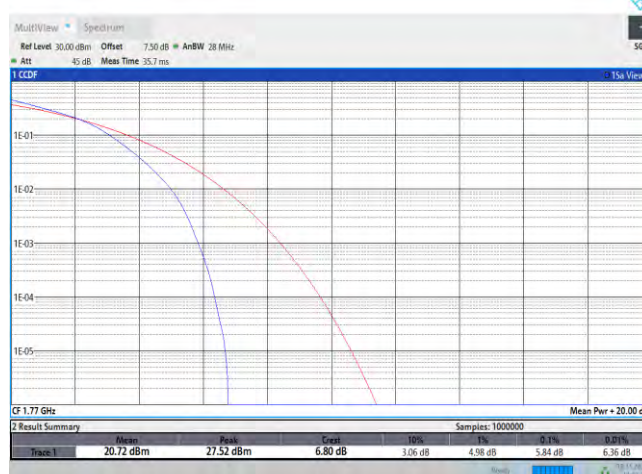
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Band66-20MHz-16QAM-132322-100RB#0



14:00:43 18.11.2021

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



14:01:16 18.11.2021



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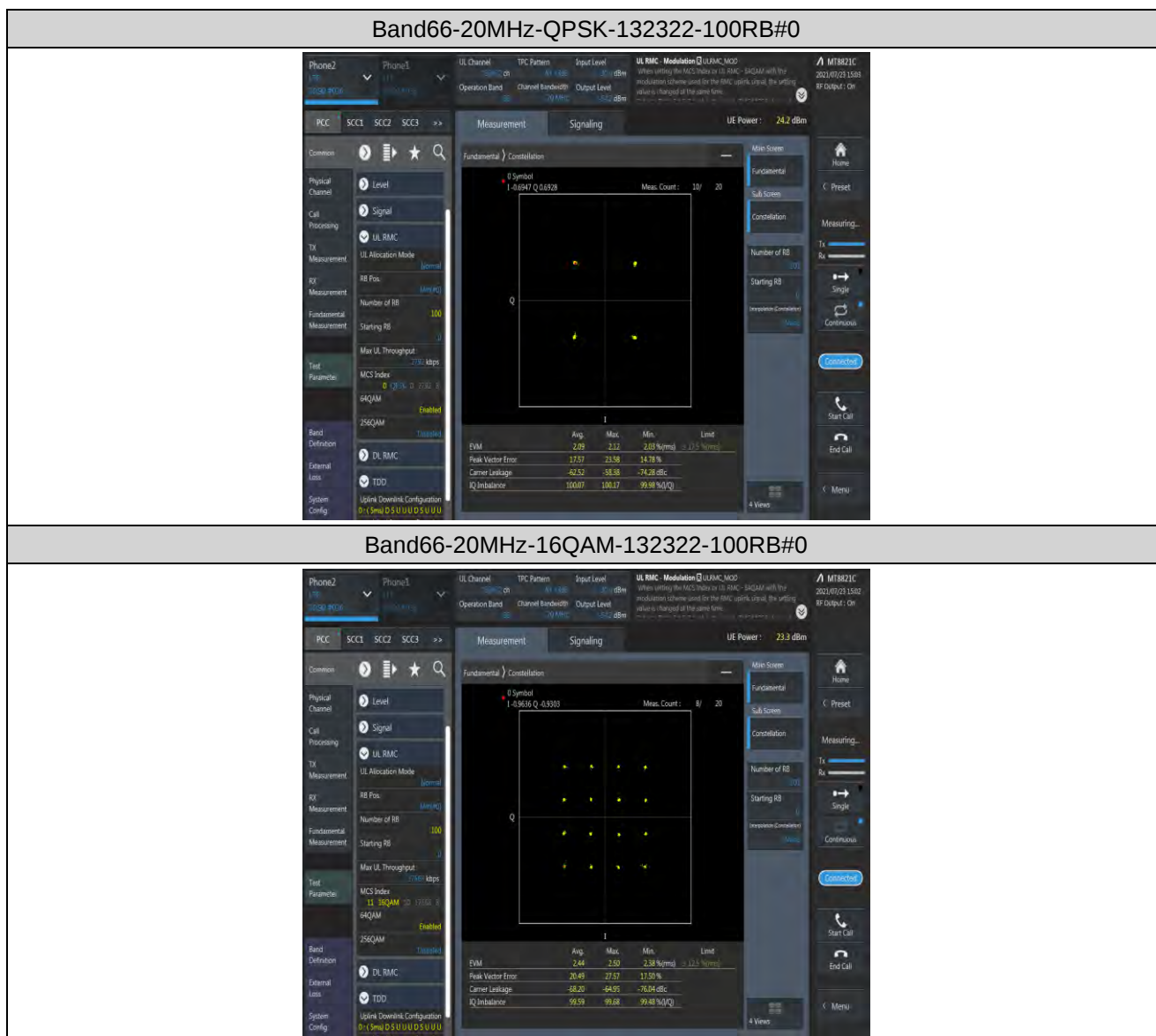
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS

Test Graphs



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.127	1.305	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.086	1.287	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.087	1.296	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.113	1.269	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.096	1.293	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.096	1.290	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.693	2.994	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.695	2.970	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.698	2.964	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.679	2.862	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.687	2.970	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.686	2.982	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.478	4.970	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.47	4.900	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.471	4.900	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.438	4.630	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.466	4.940	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.468	4.960	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.922	9.760	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.911	9.640	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.904	9.620	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.905	9.640	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.906	9.660	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.906	9.680	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.441	14.760	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.444	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.432	14.670	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.427	14.820	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.431	14.820	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.411	14.760	PASS



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Band66	20MHz	QPSK	132072	100RB#0	17.884	19.560	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.978	19.080	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.868	19.360	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.846	19.320	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.871	19.320	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.828	19.280	PASS



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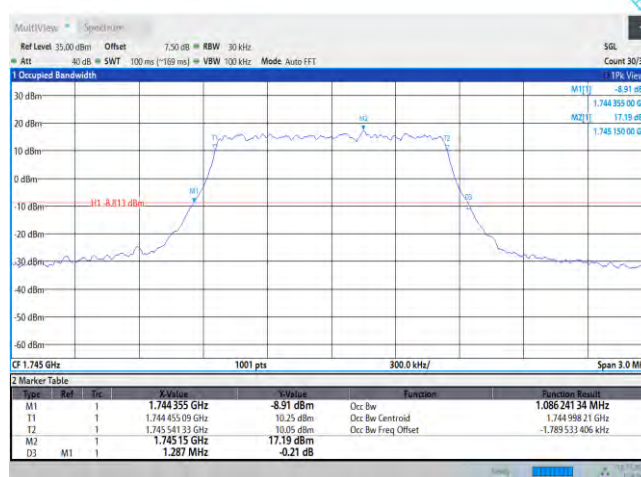
Test Graphs

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



16:50:02 18.11.2021

Band66-1.4MHz-QPSK-132322-6RB#0



11:43:04 18.11.2021



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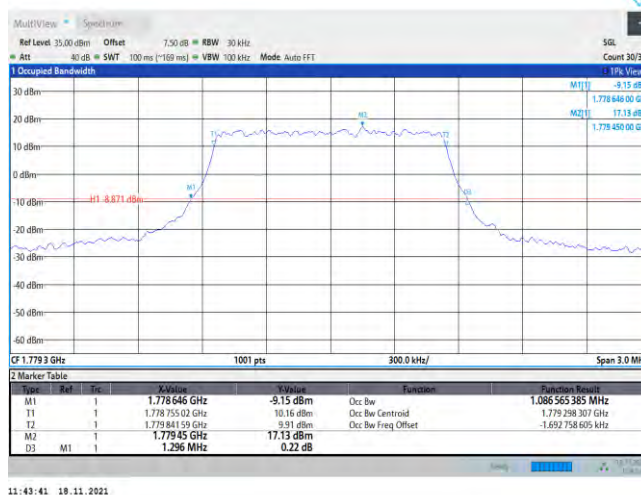
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11:43:41 18.11.2021

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



16:50:20 18.11.2021



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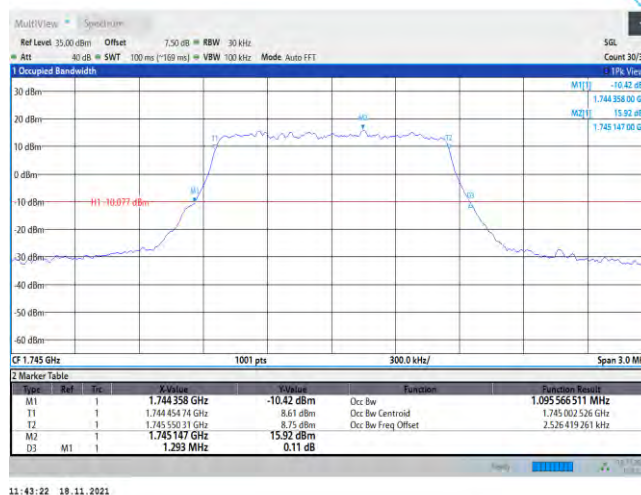
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Band66-1.4MHz-16QAM-132665-6RB#0



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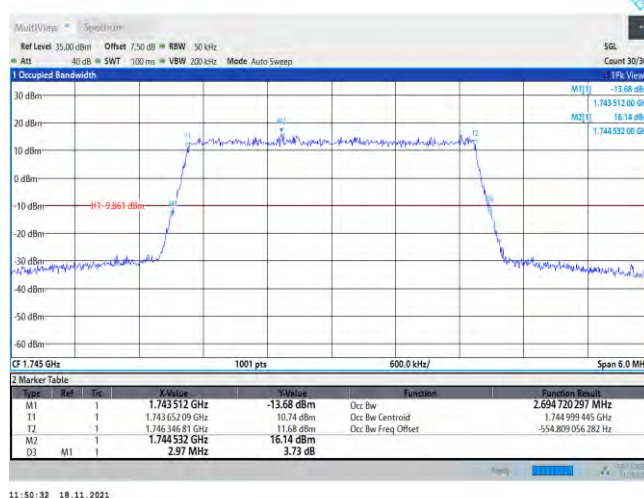
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Band66-3MHz-QPSK-131987-15RB#0



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



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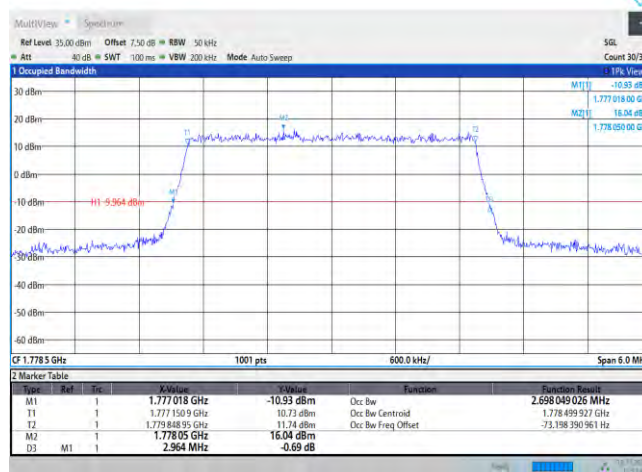


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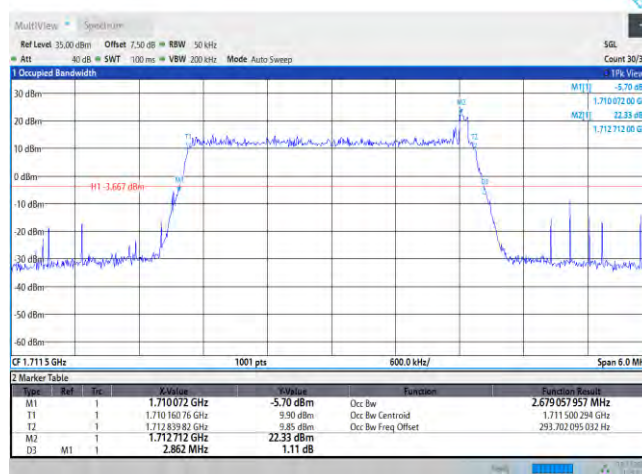
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Band66-3MHz-QPSK-132657-15RB#0



11:51:08 18.11.2021

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



11:50:14 18.11.2021



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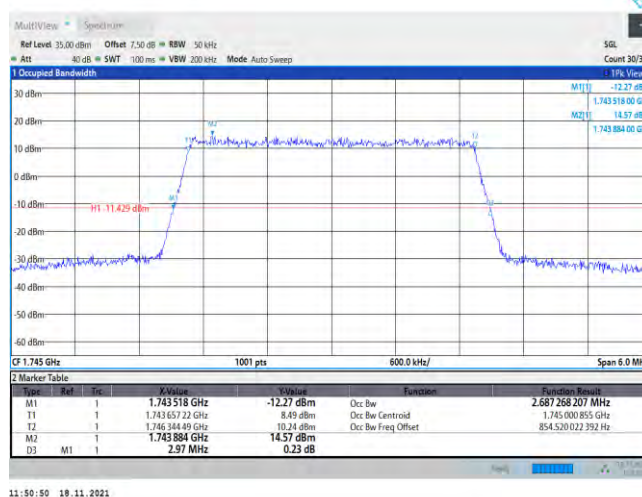
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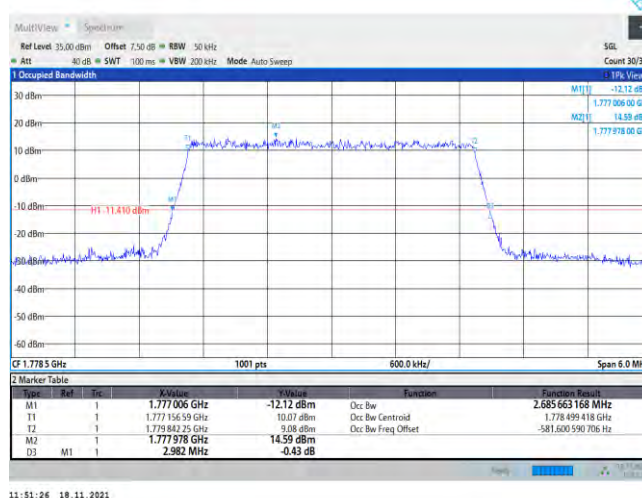
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Band66-3MHz-16QAM-132322-15RB#0



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



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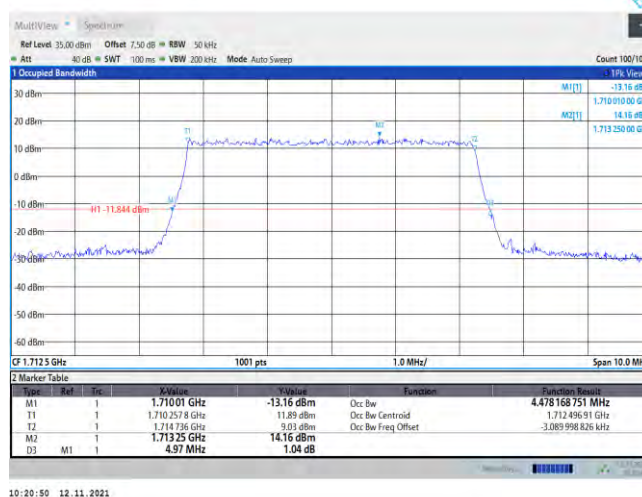
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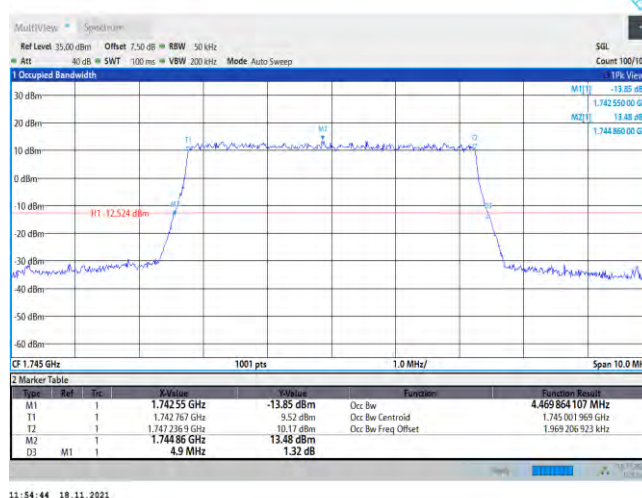


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Band66-5MHz-QPSK-131997-25RB#0



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



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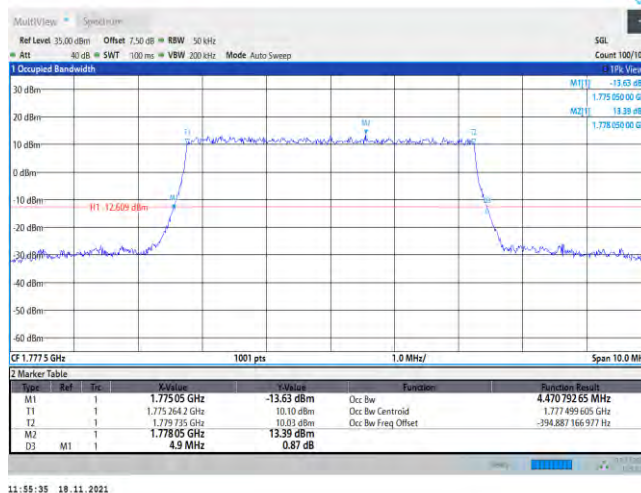


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11:55:35 18.11.2021

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



11:54:19 18.11.2021



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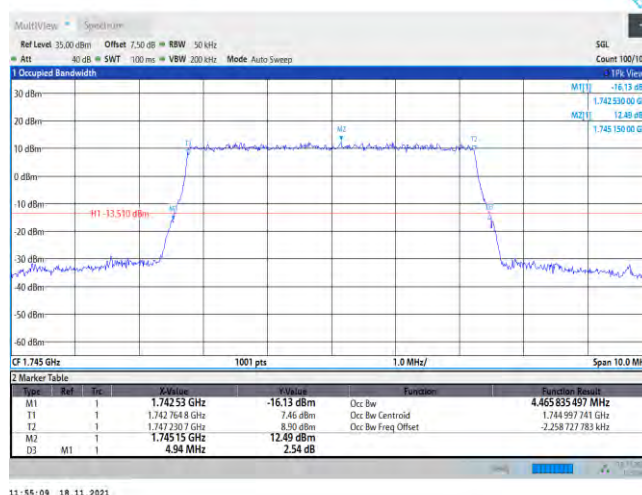
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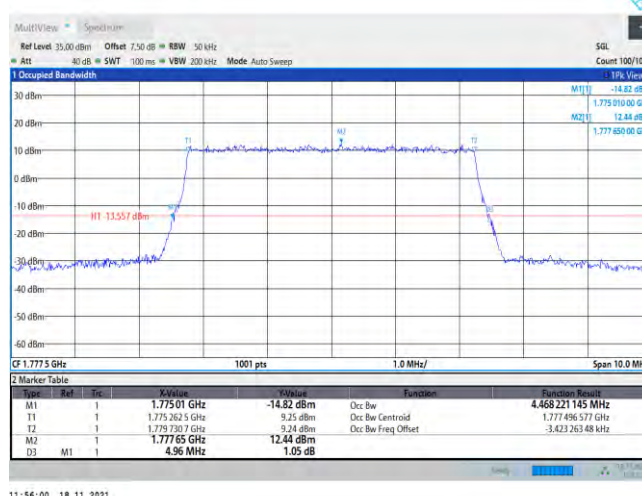
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Band66-5MHz-16QAM-132322-25RB#0



11:55:09 18.11.2021

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



11:56:00 18.11.2021

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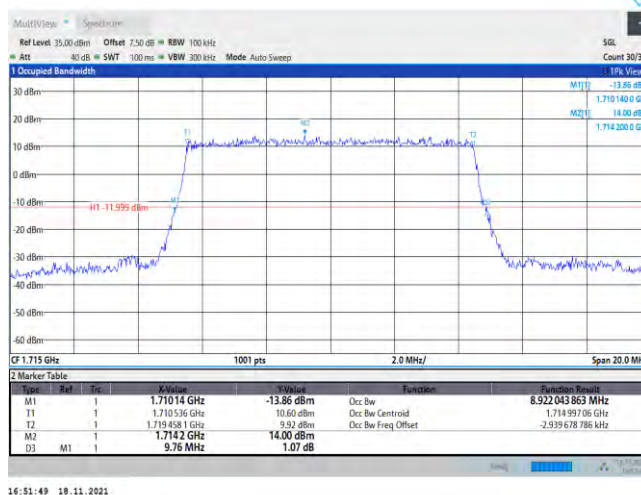


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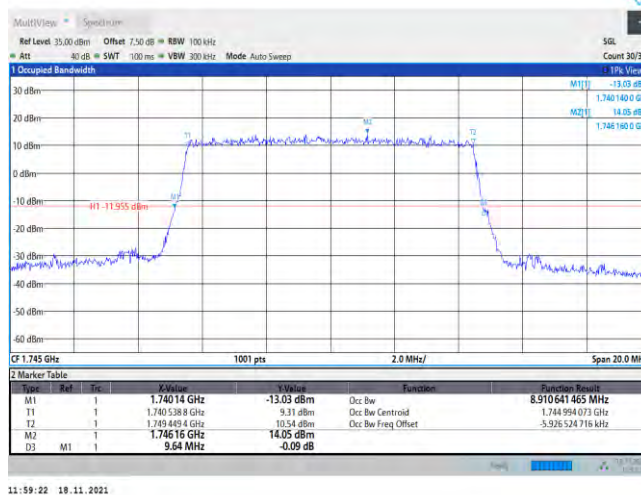
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Band66-10MHz-QPSK-132022-50RB#0



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



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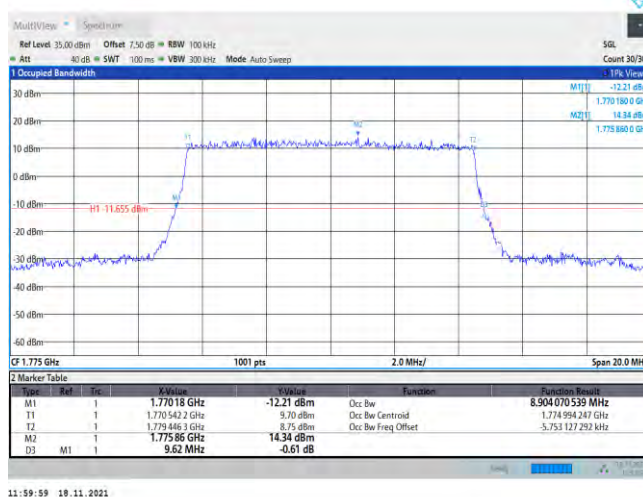


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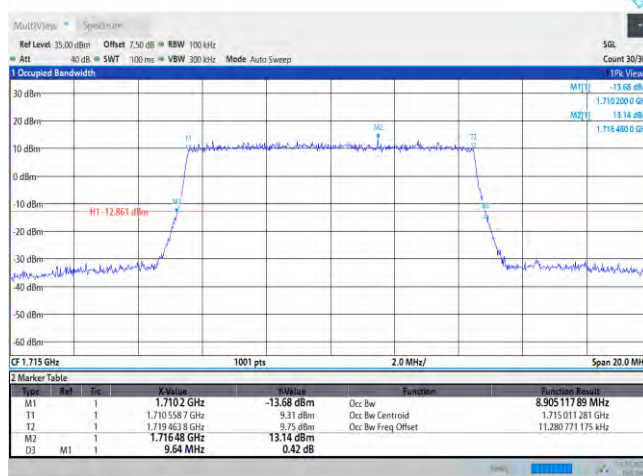
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Band66-10MHz-QPSK-132622-50RB#0



11:59:59 18.11.2021

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



16:52:07 18.11.2021



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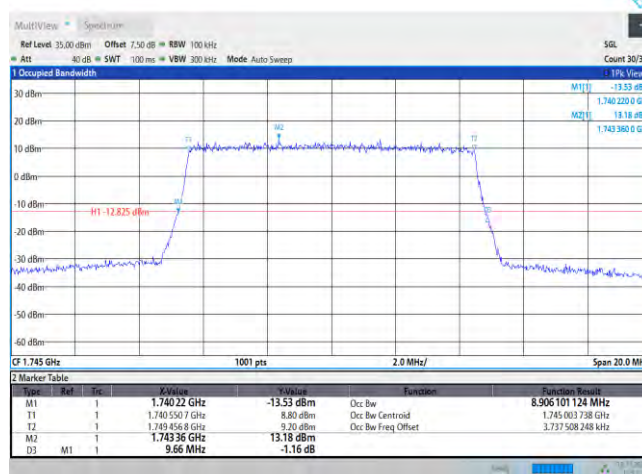
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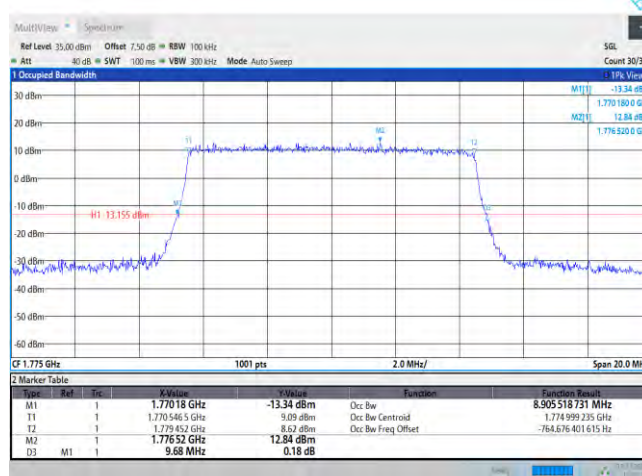
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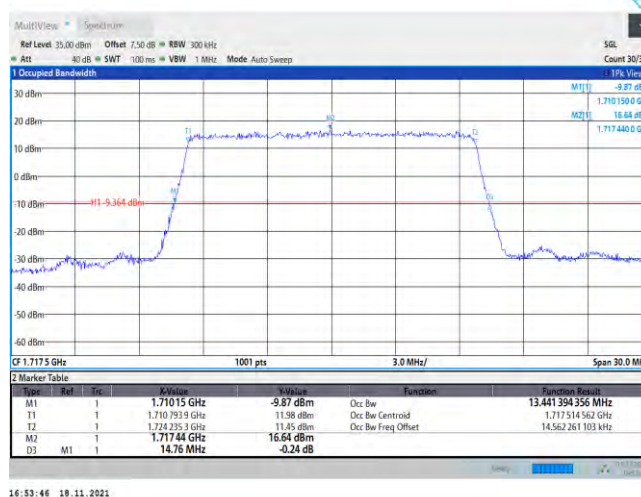


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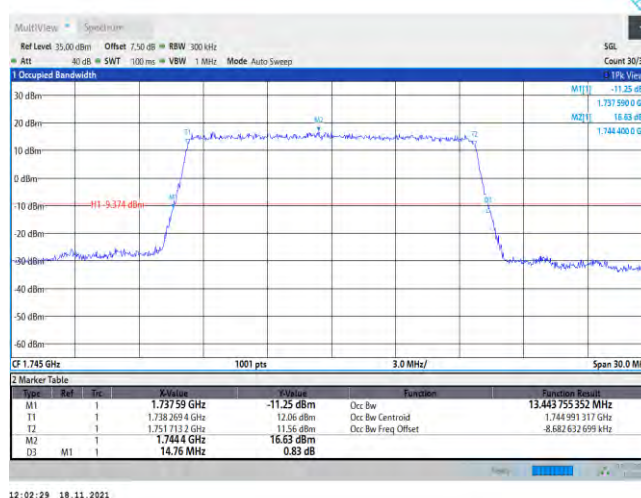
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Band66-15MHz-QPSK-132047-75RB#0



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



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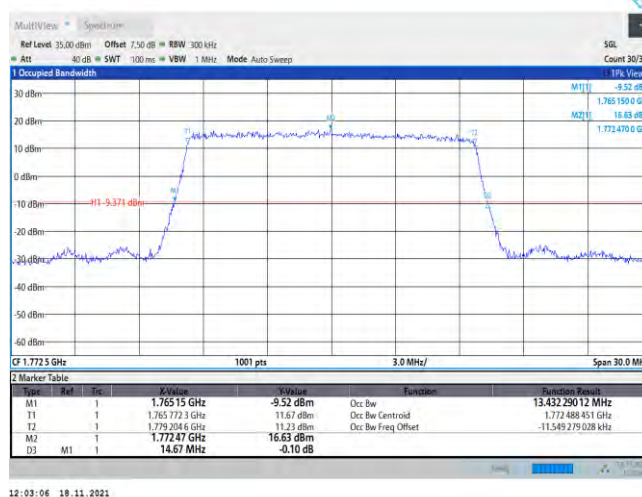
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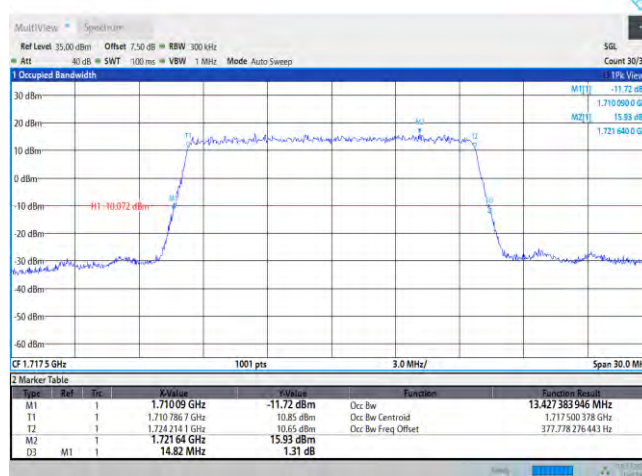
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Band66-15MHz-QPSK-132597-75RB#0



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16:54:04 18.11.2021



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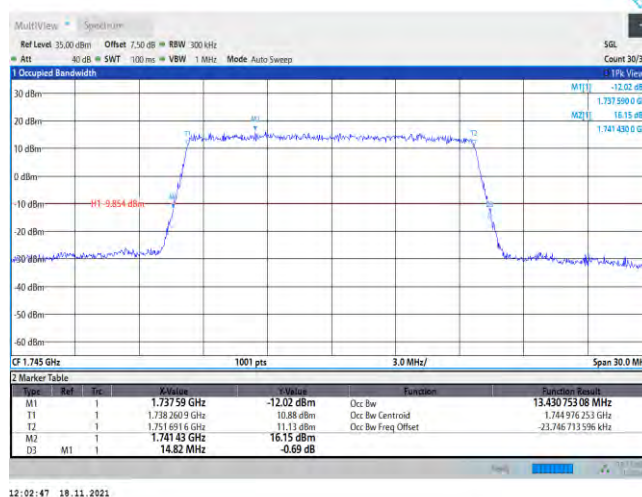
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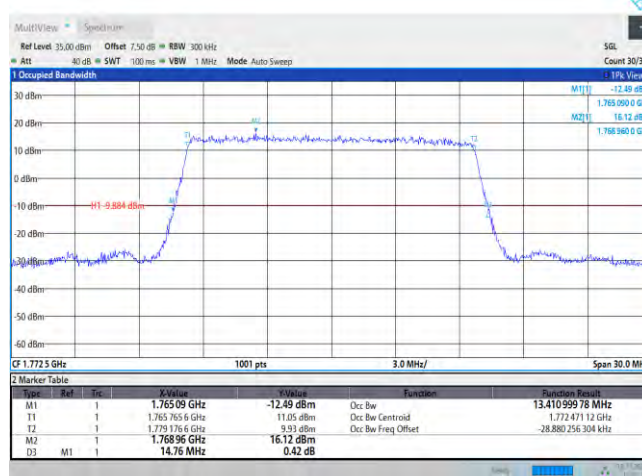
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12:02:47 18.11.2021

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



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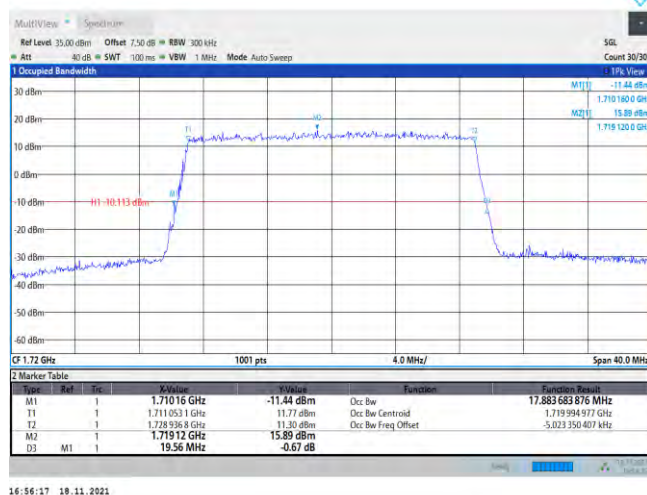


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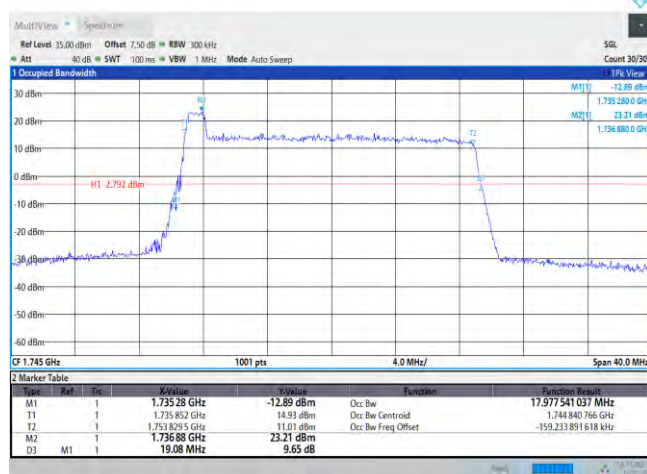
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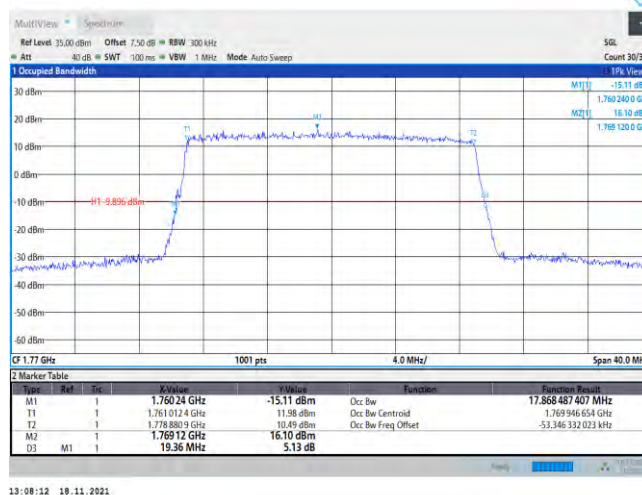
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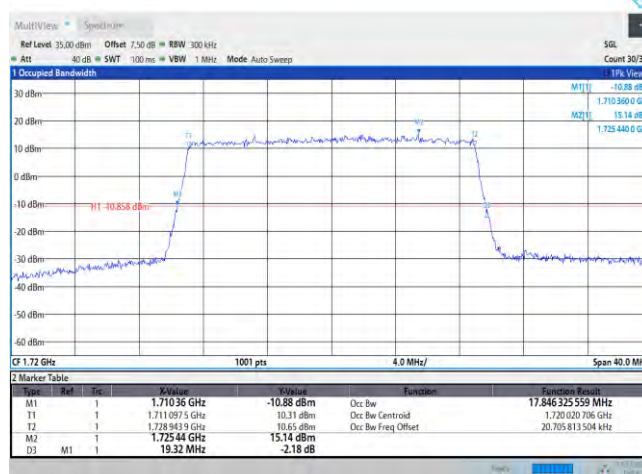
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Band66-20MHz-QPSK-132572-100RB#0



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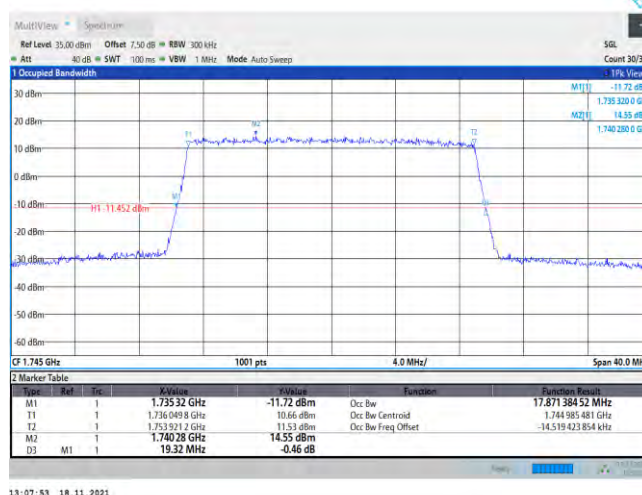


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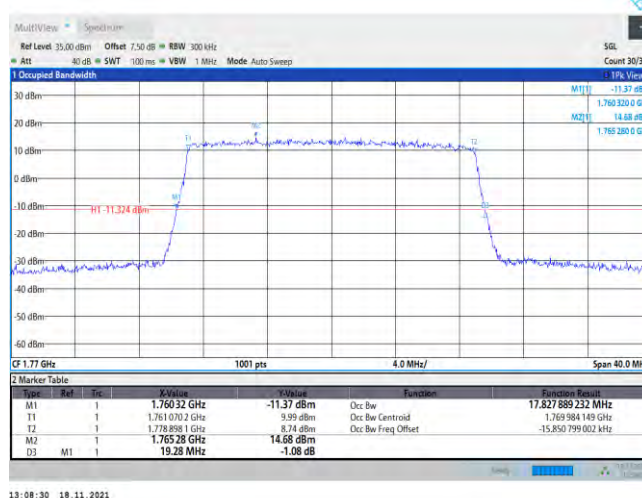
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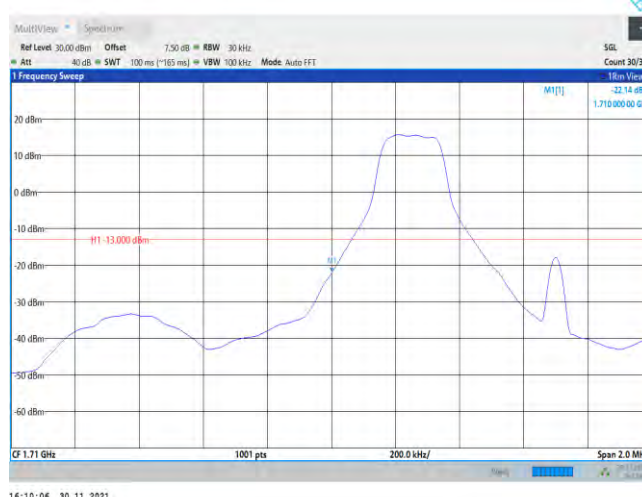
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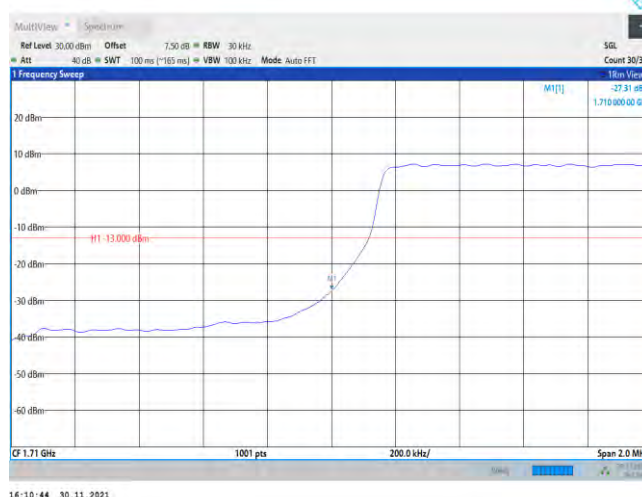
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Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



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



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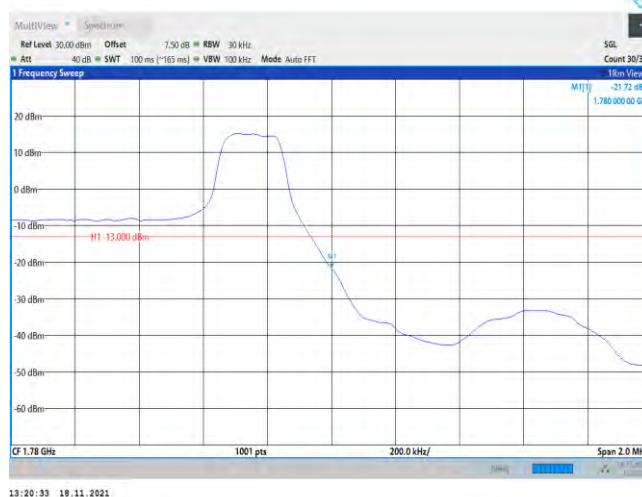


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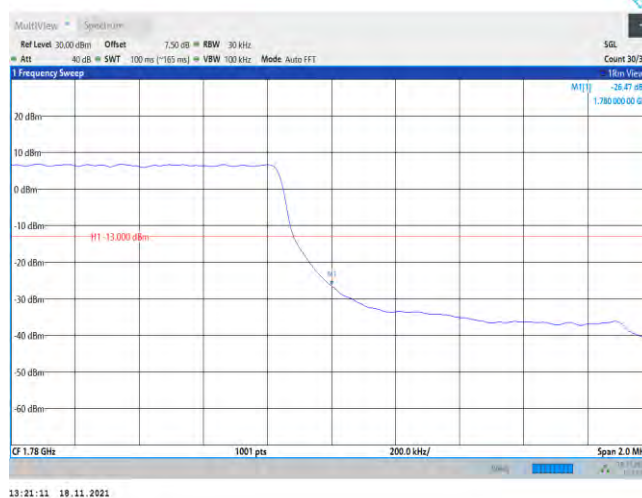
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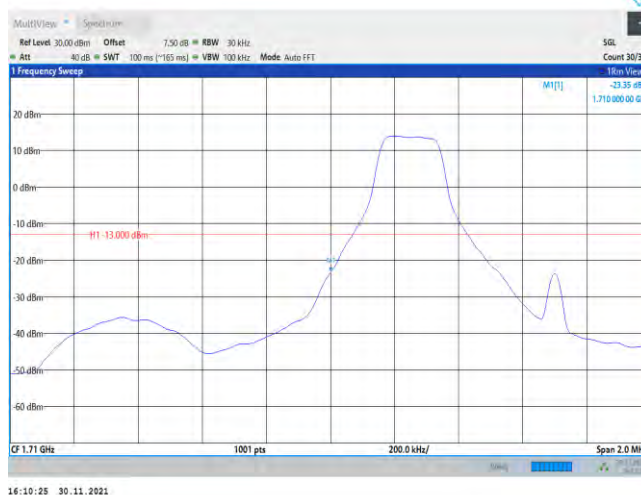
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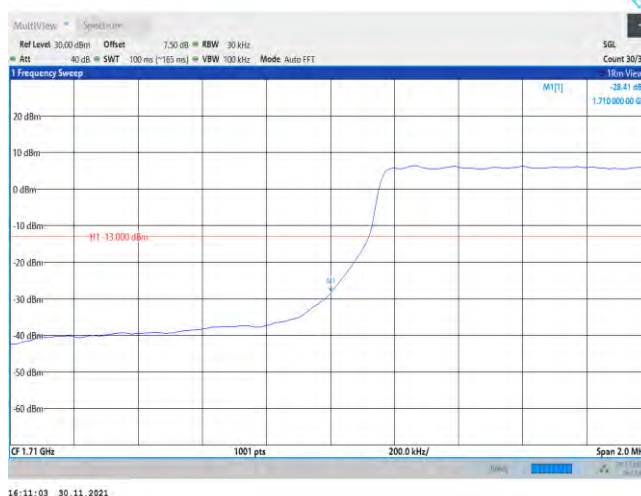
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Band66-1.4MHz-16QAM-131979-1RB#0



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



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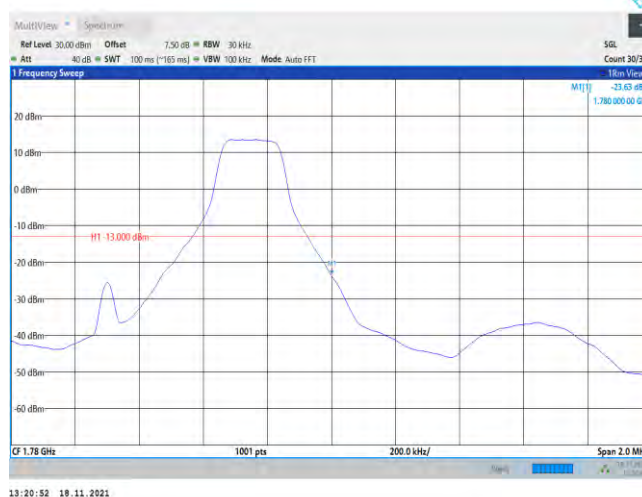
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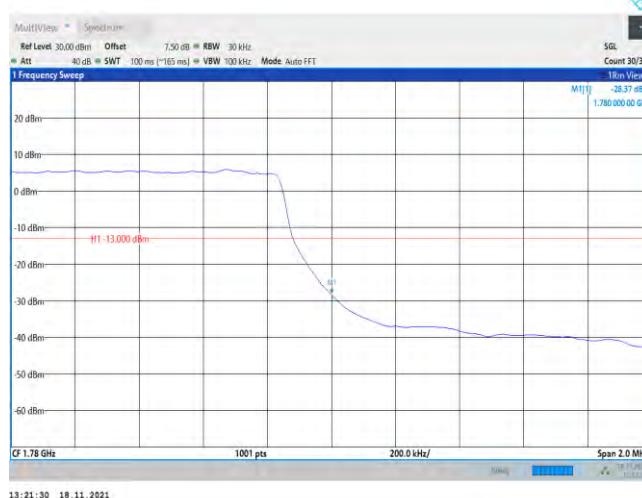
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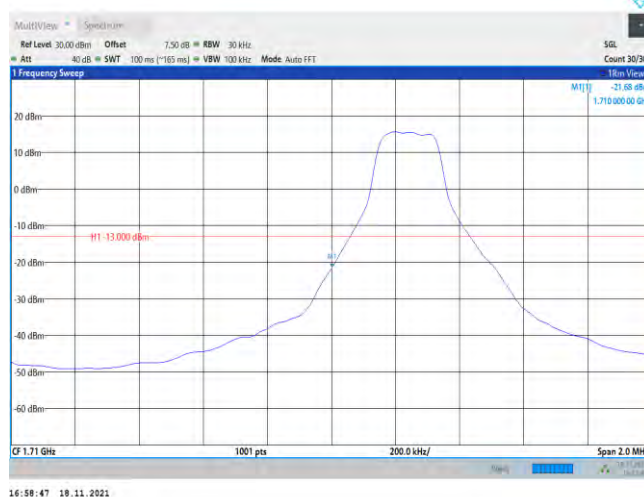
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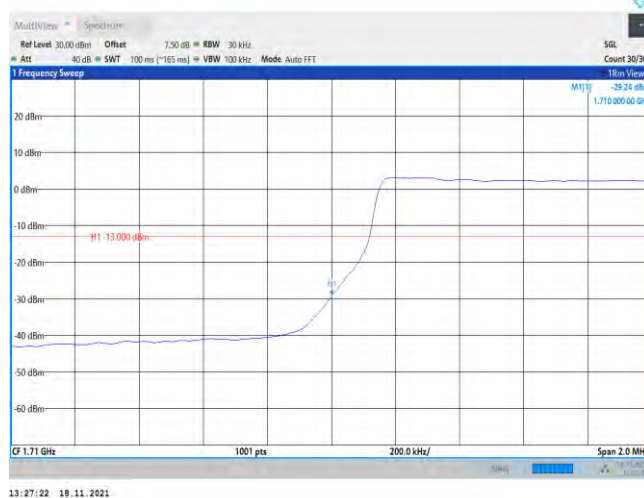
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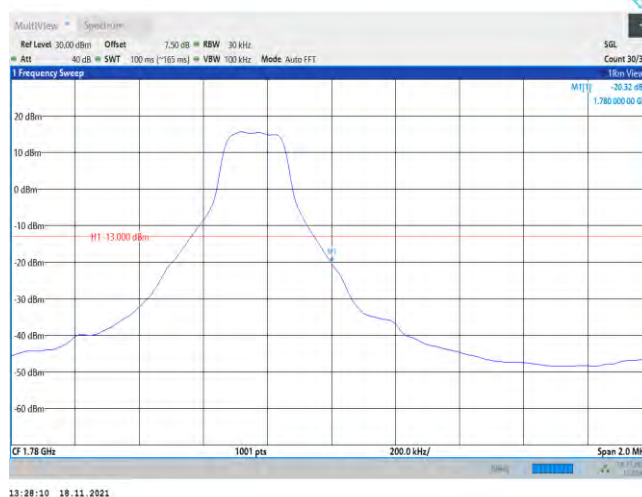
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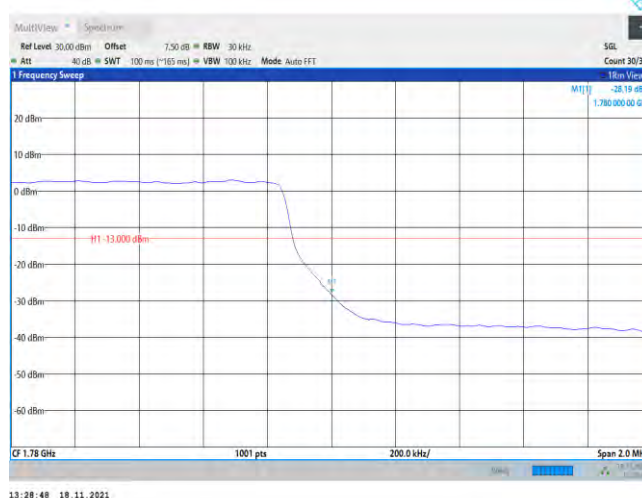
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Band66-3MHz-QPSK-132657-15RB#0



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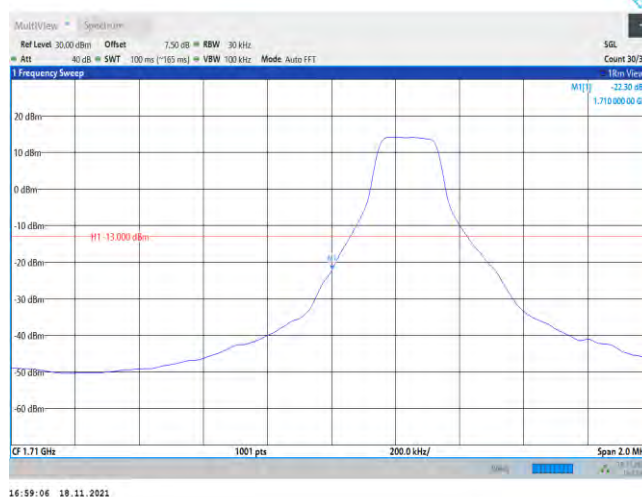
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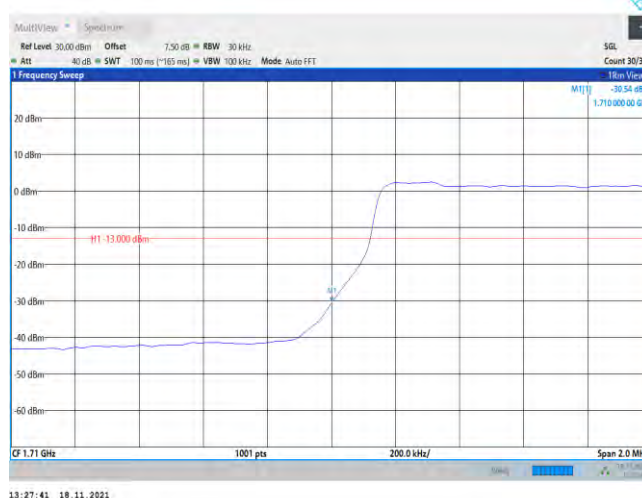
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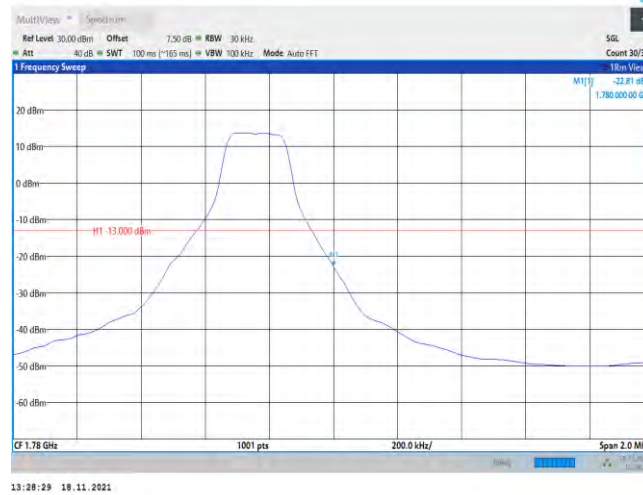
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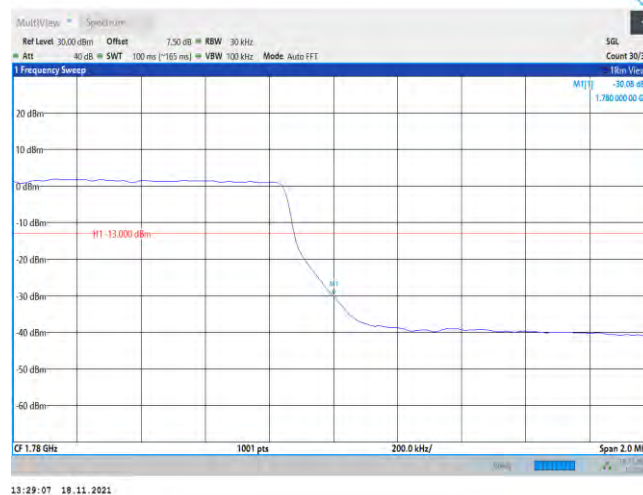
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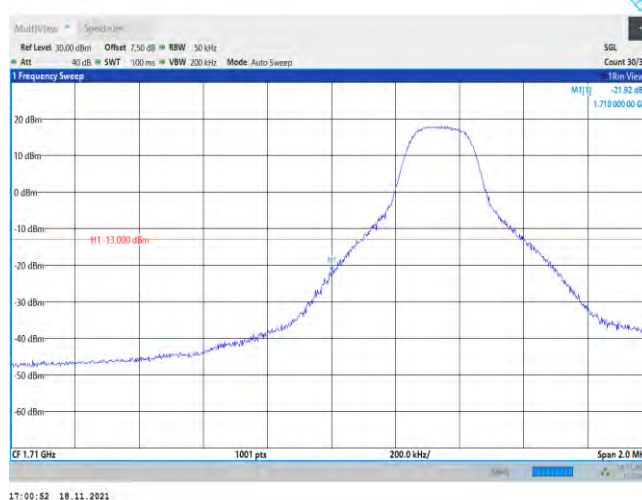
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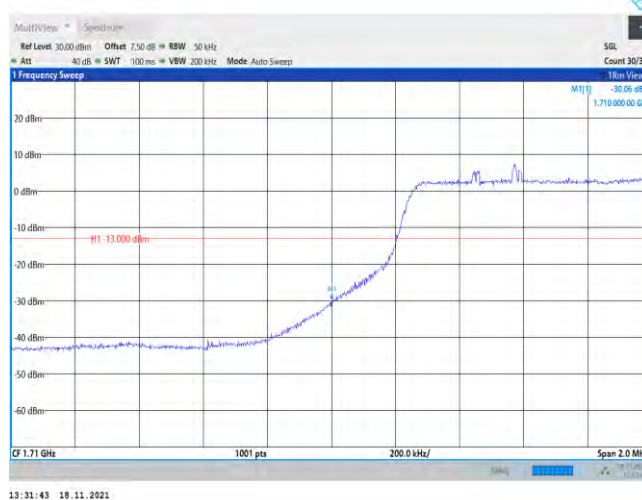
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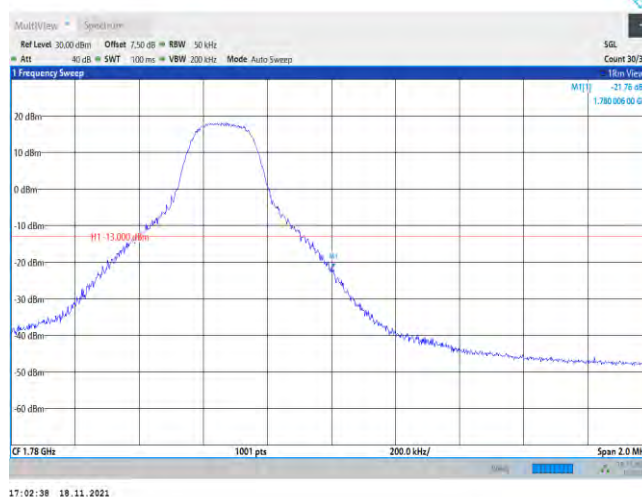
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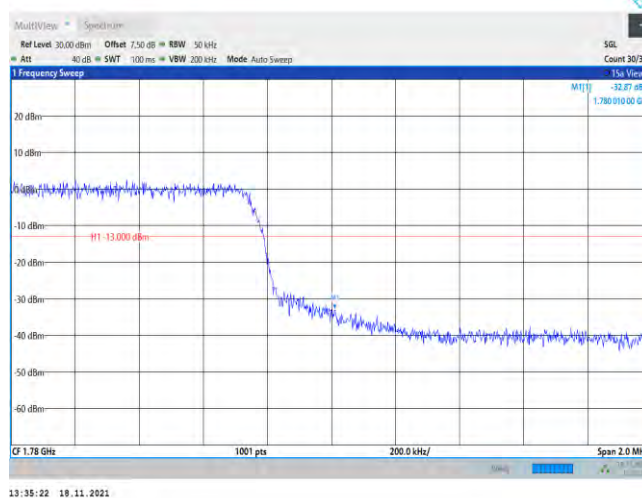
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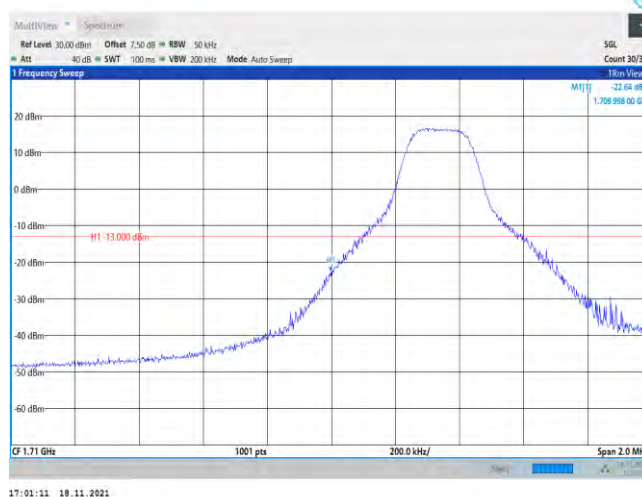
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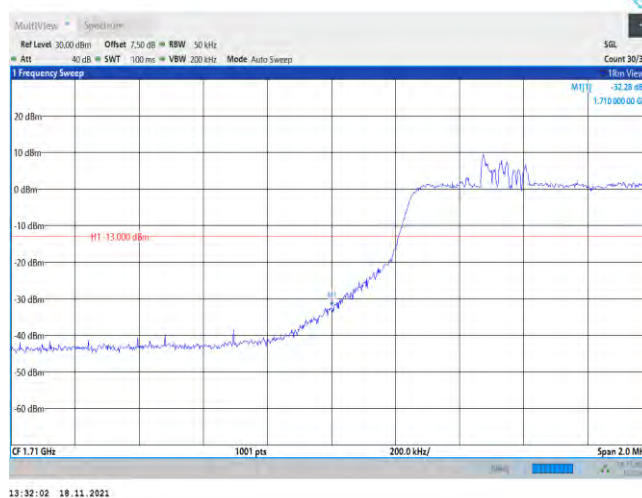
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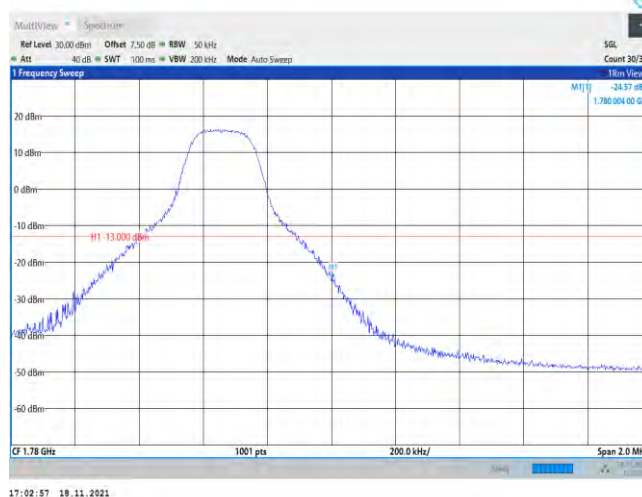
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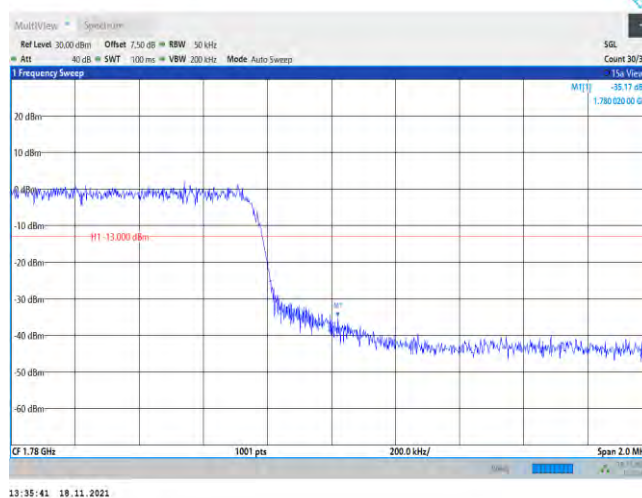
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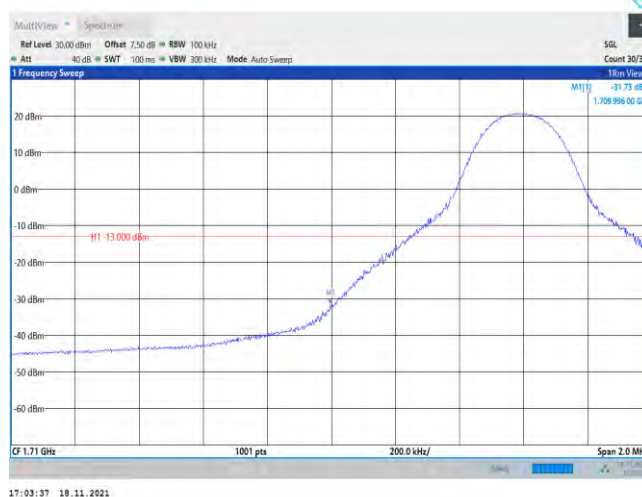
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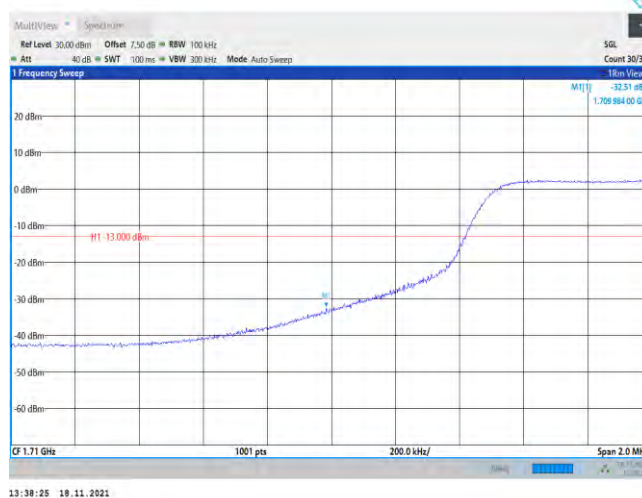
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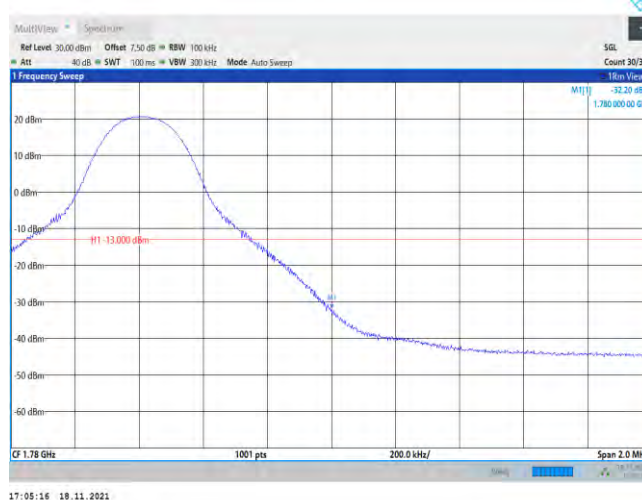
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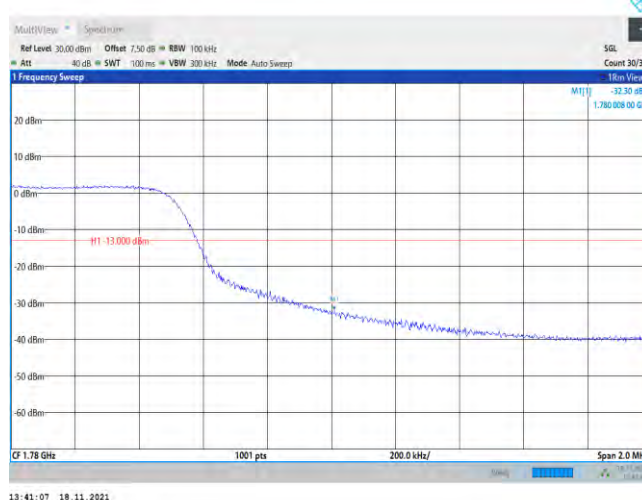
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Band66-10MHz-QPSK-132622-1RB#49



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



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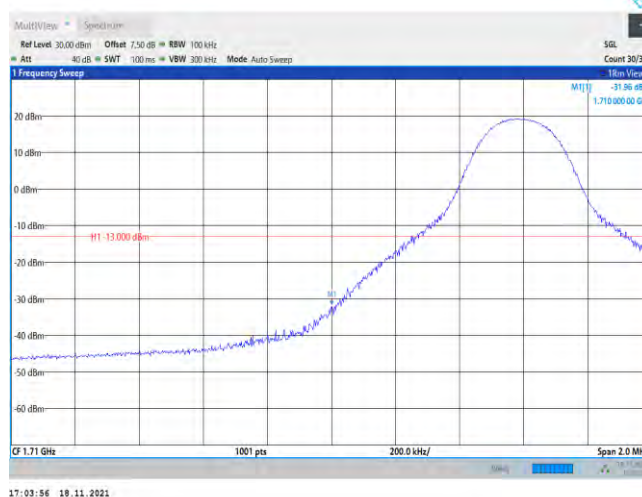
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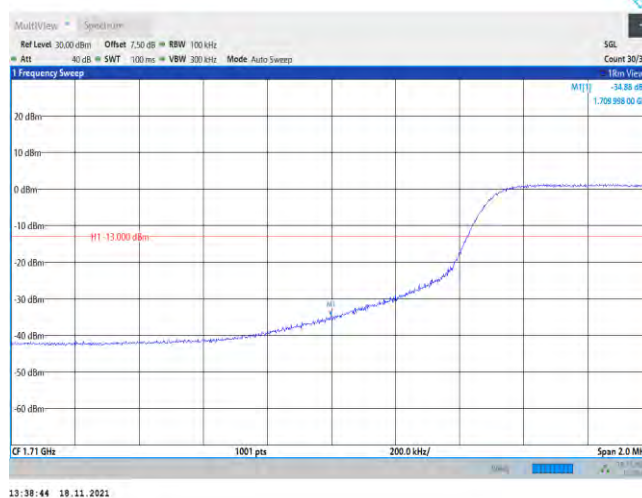
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Band66-10MHz-16QAM-132022-1RB#0



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



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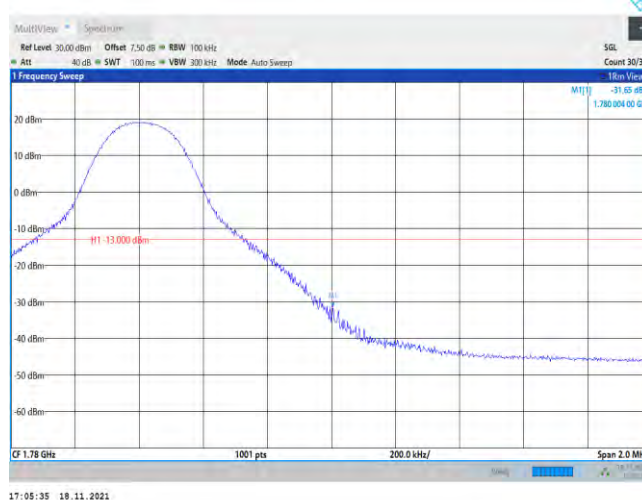
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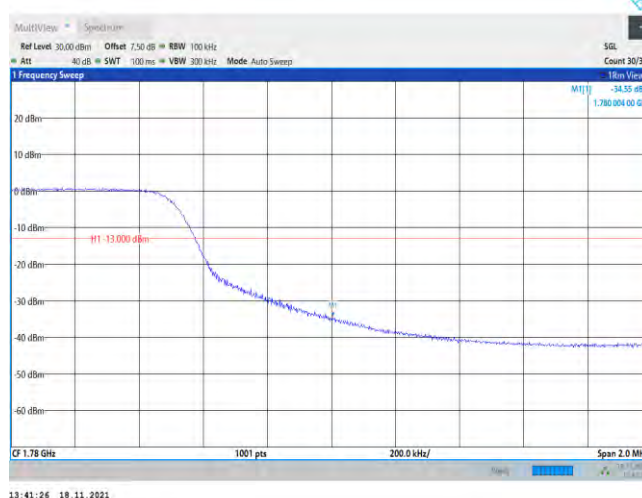
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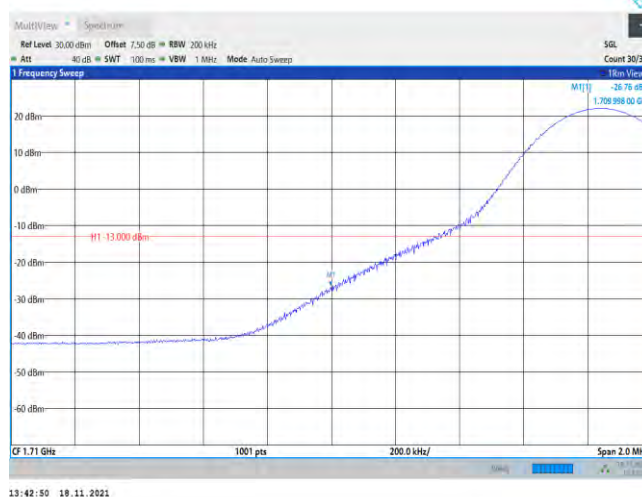
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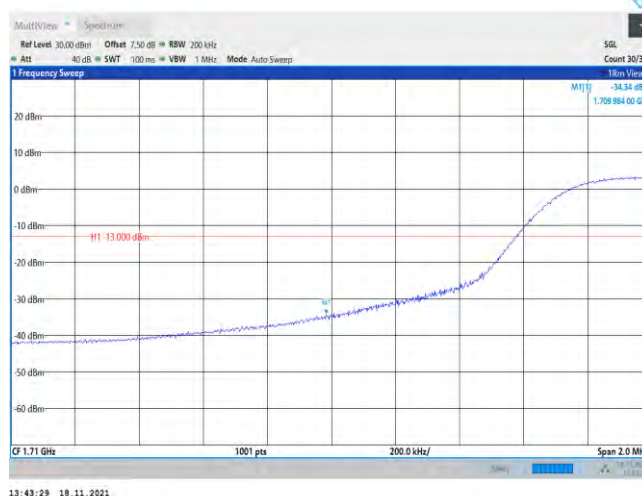
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Band66-15MHz-QPSK-132047-1RB#0



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



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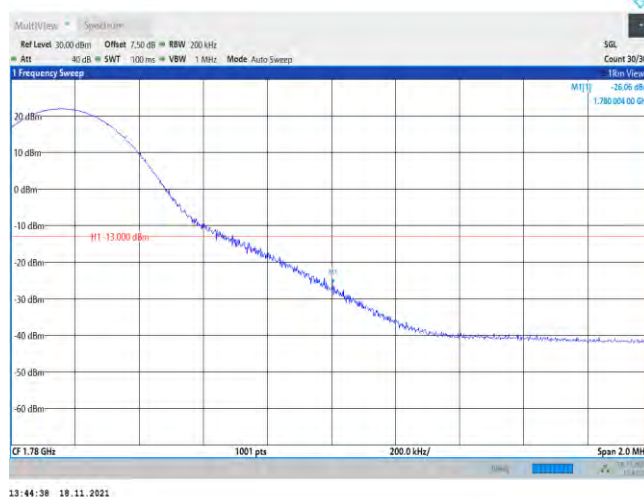
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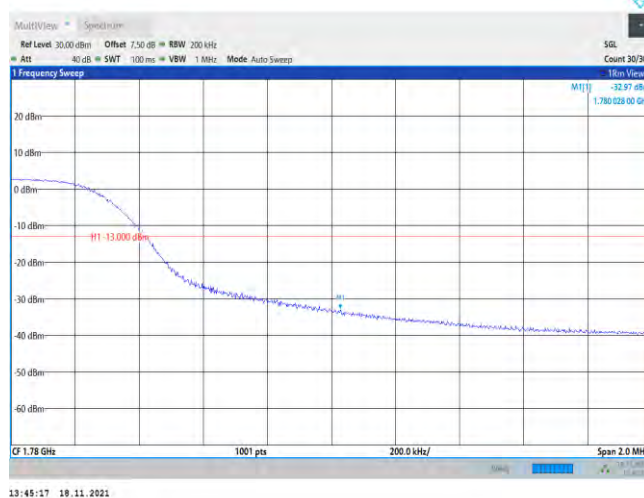
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Band66-15MHz-QPSK-132597-1RB#74



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



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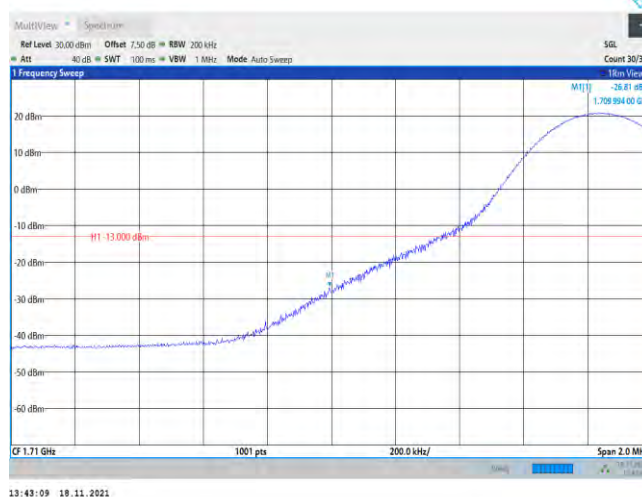
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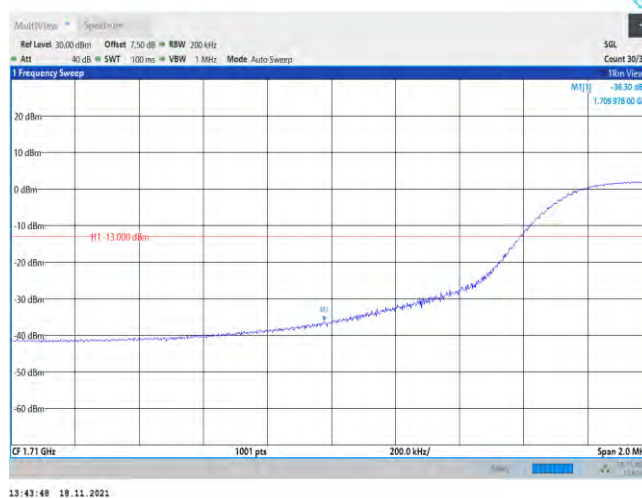
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Band66-15MHz-16QAM-132047-1RB#0



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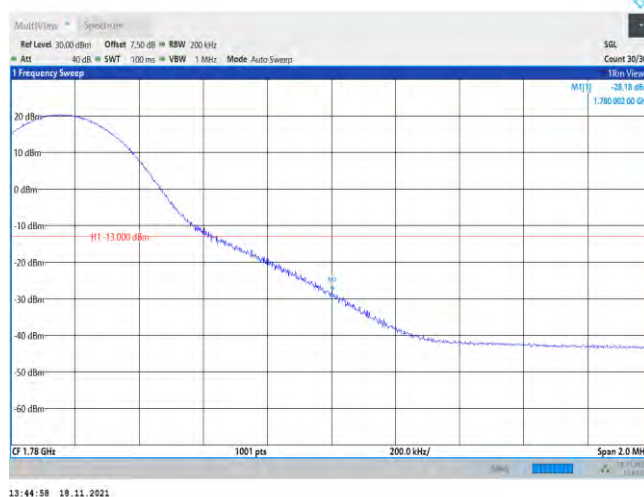
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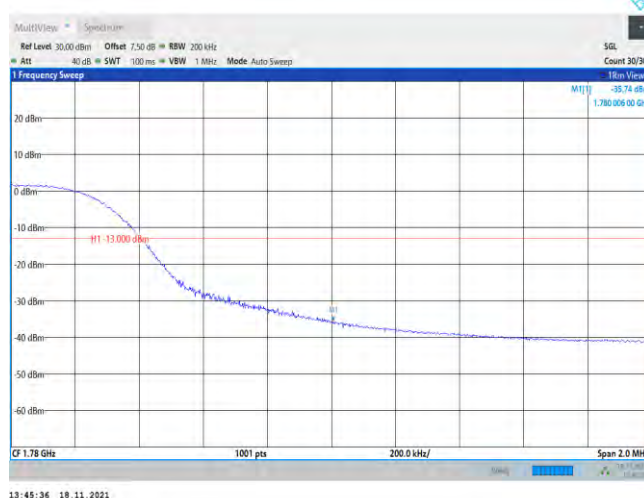
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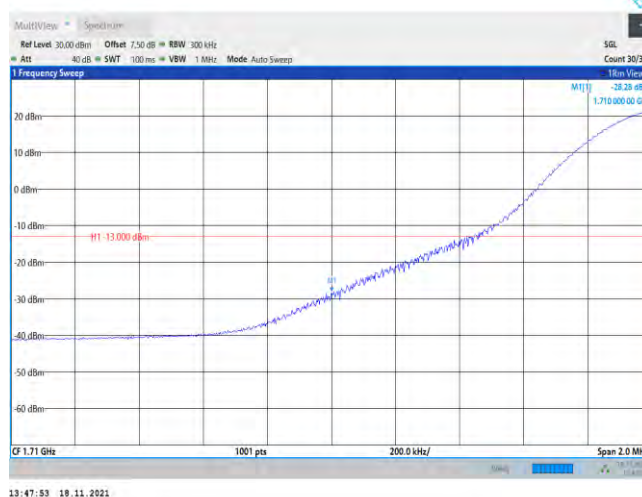
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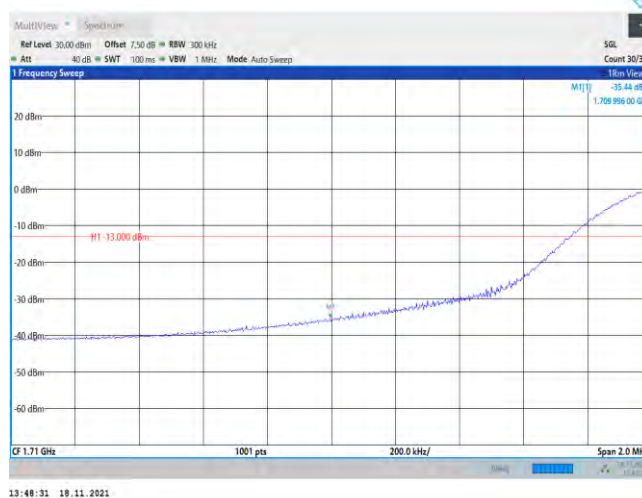
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Band66-20MHz-QPSK-132072-1RB#0



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



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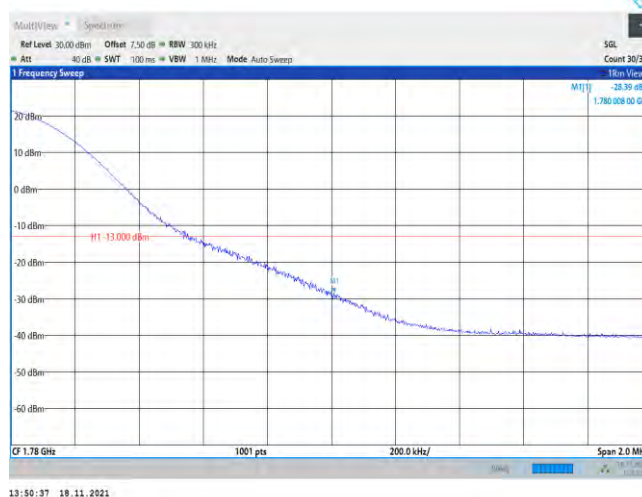
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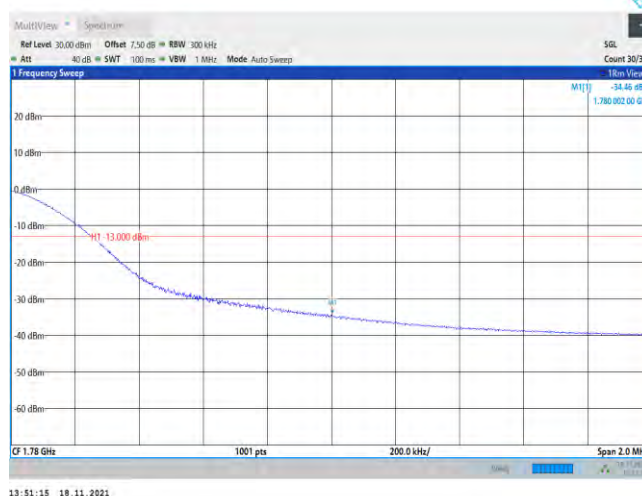
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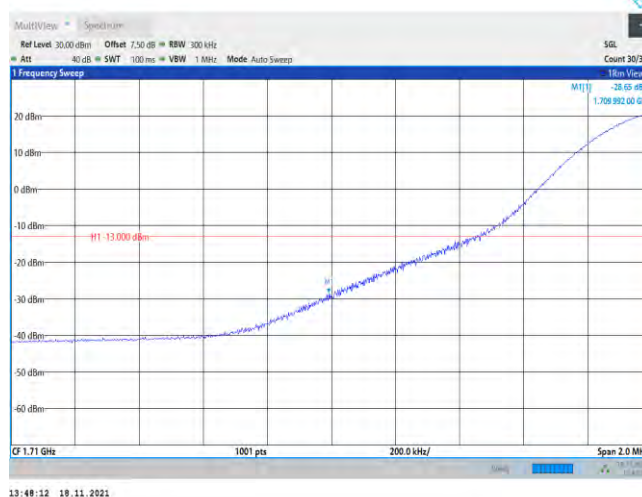
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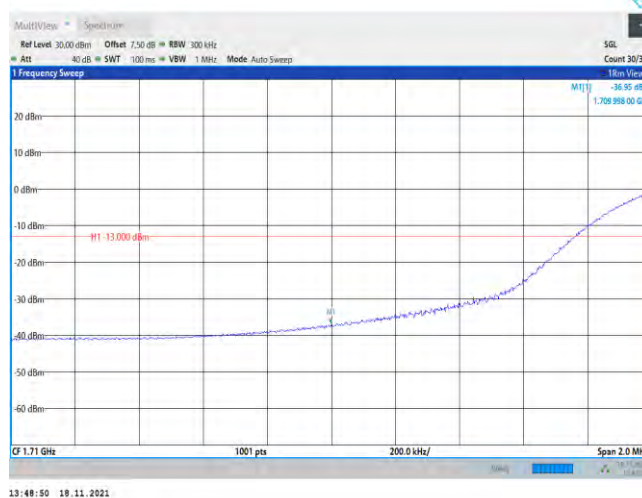
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Band66-20MHz-16QAM-132072-1RB#0



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



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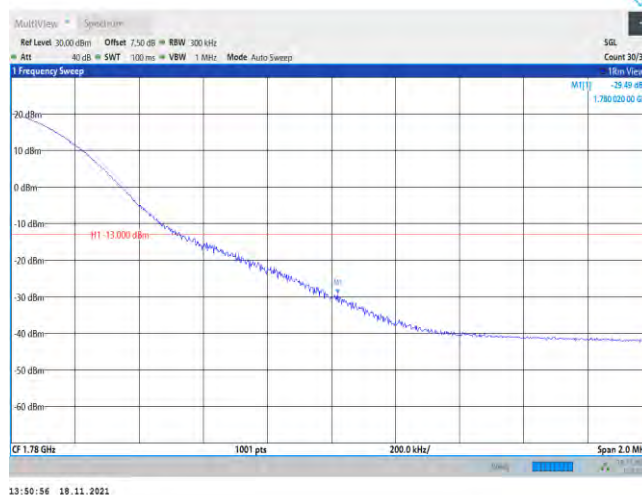
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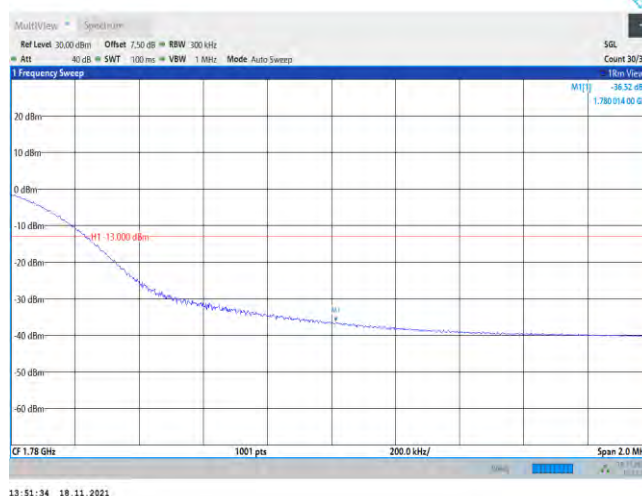
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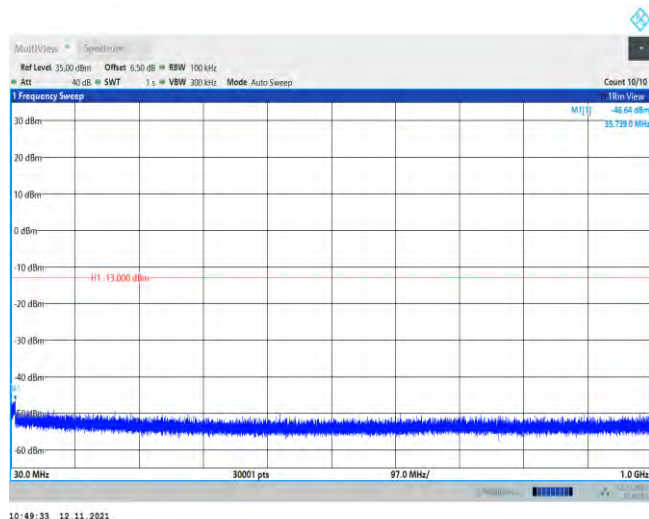
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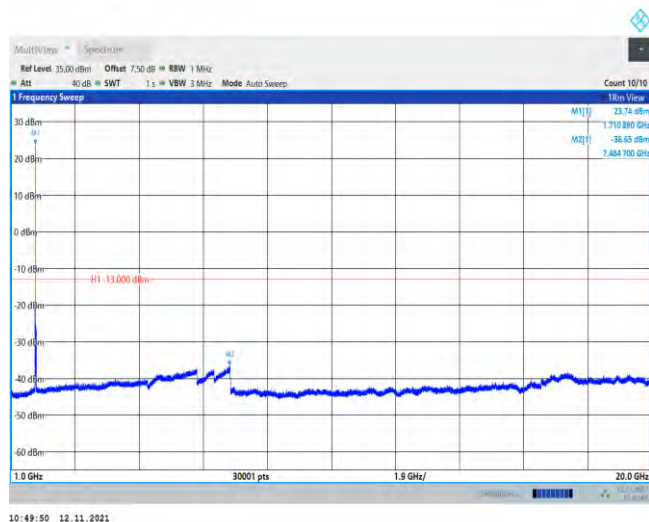
Conducted Spurious Emission

Test Graphs

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



Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~10000MHz



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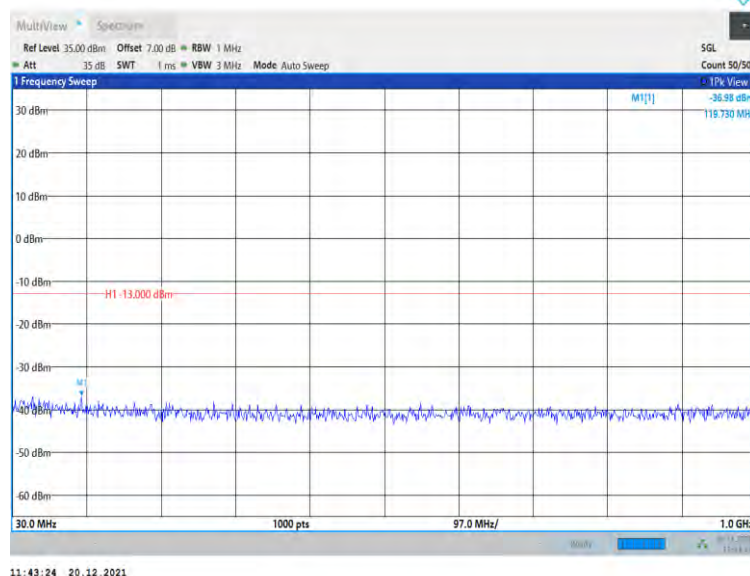
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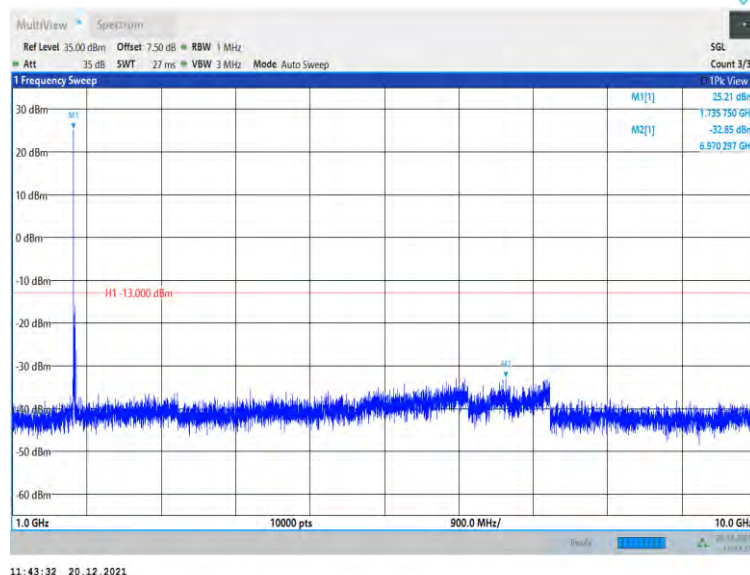
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Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



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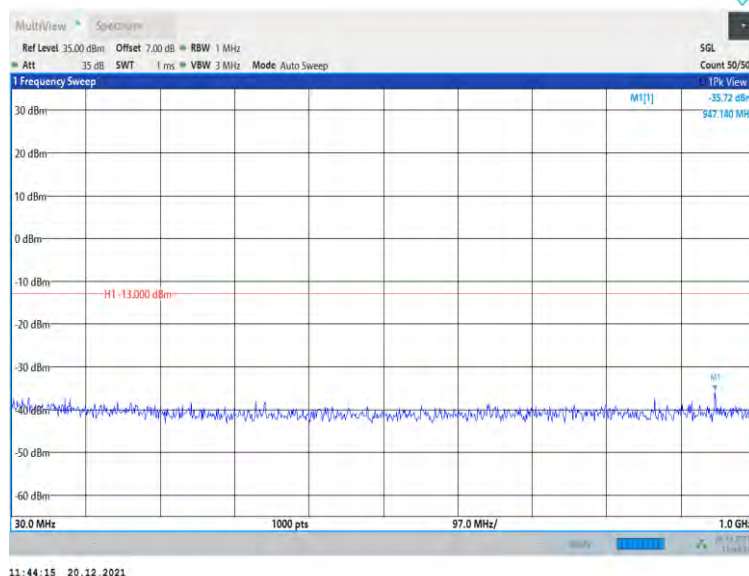
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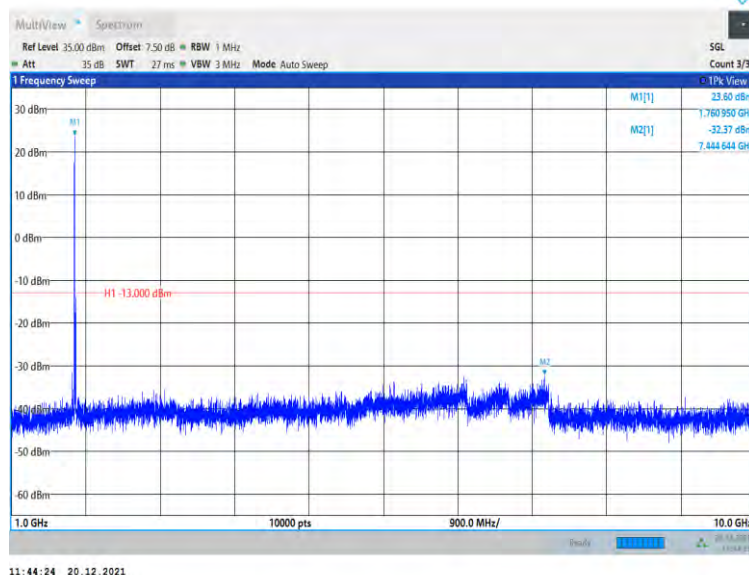
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Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~10000MHz



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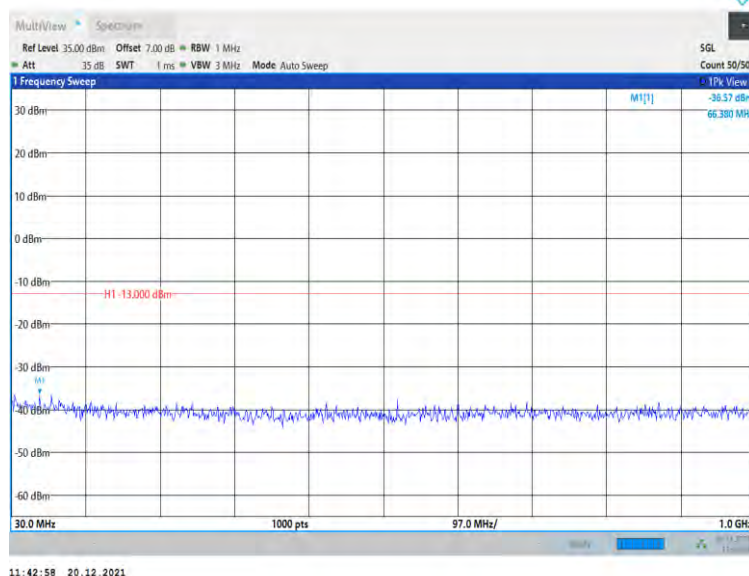
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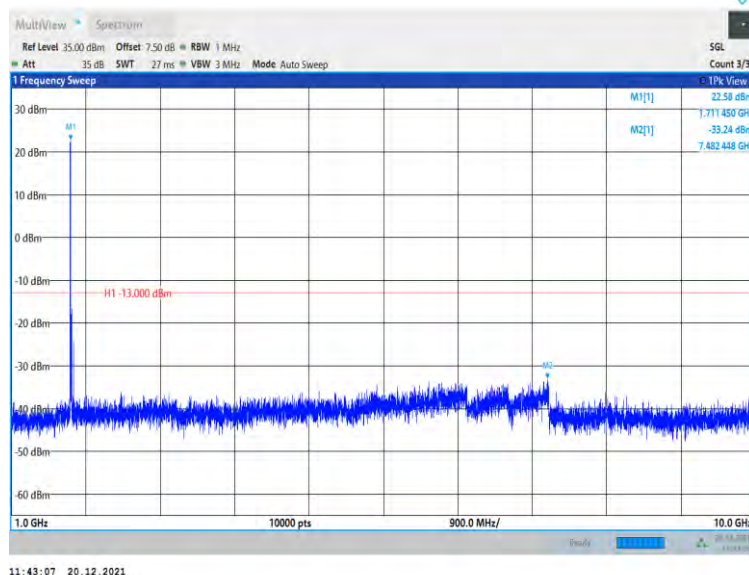
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Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~10000MHz



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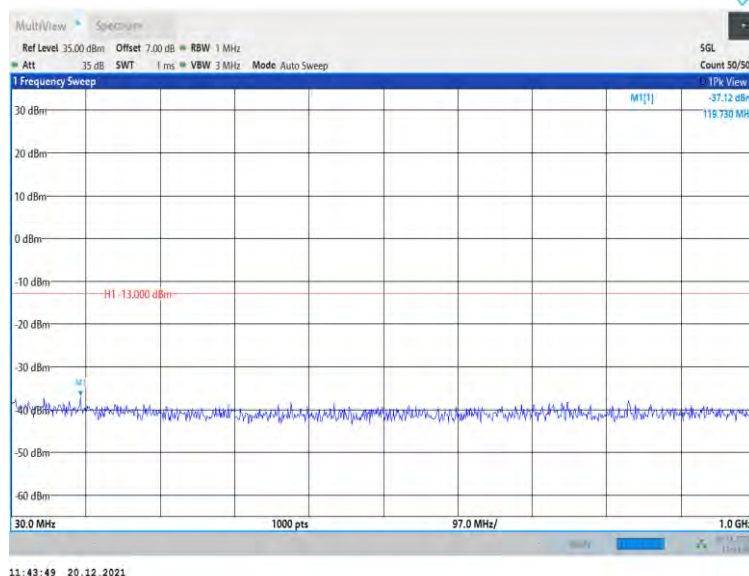
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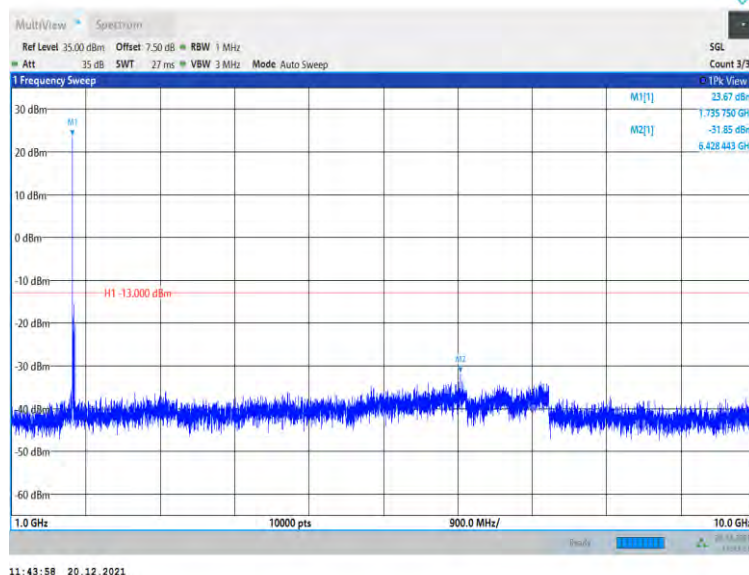
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Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



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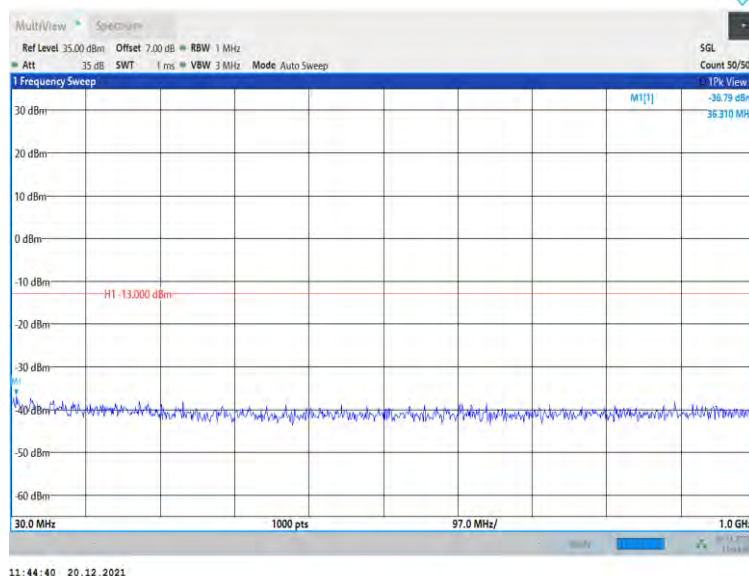
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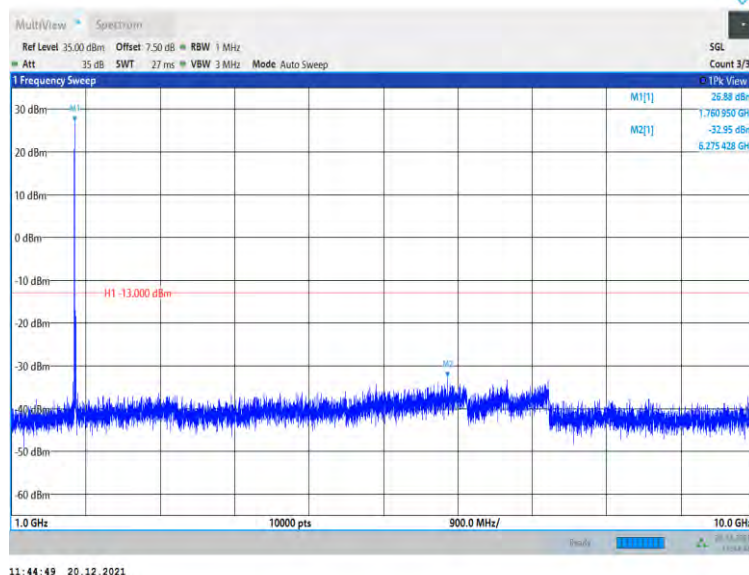
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Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 66__TM1

Test Channel =Low Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	57.92	-53.79	-13.00	40.79	246	183	Horizontal
2	5133.0000	64.24	-42.66	-13.00	29.66	352	139	Horizontal
3	6844.3600	56.61	-45.26	-13.00	32.26	214	114	Horizontal
4	8555.4500	49.59	-47.24	-13.00	34.24	102	96	Horizontal
5	10266.5400	46.05	-47.15	-13.00	34.15	203	47	Horizontal
6	11977.6300	43.12	-48.83	-13.00	35.83	158	239	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	61.12	-50.59	-13.00	37.59	150	9	Vertical
2	5133.0000	66.64	-40.26	-13.00	27.26	186	345	Vertical
3	6844.3600	58.90	-42.97	-13.00	29.97	175	85	Vertical
4	8555.4500	47.03	-49.80	-13.00	36.80	354	295	Vertical
5	10266.5400	43.85	-49.35	-13.00	36.35	102	64	Vertical
6	11977.6300	43.08	-48.87	-13.00	35.87	368	52	Vertical



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Test Band = LTE Band 66__TM1
Test Channel =Mid Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.7500	60.62	-50.99	-13.00	37.99	186	191	Horizontal
2	5208.0000	59.41	-47.39	-13.00	34.39	196	147	Horizontal
3	6944.3600	53.85	-47.82	-13.00	34.82	246	308	Horizontal
4	8680.4500	50.63	-45.84	-13.00	32.84	342	49	Horizontal
5	10416.5400	44.64	-48.12	-13.00	35.12	105	358	Horizontal
6	12152.6300	43.68	-48.05	-13.00	35.05	189	23	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	62.24	-49.37	-13.00	36.37	186	0	Vertical
2	5208.0000	61.98	-44.82	-13.00	31.82	145	327	Vertical
3	6944.2500	56.51	-45.16	-13.00	32.16	326	314	Vertical
4	8680.4500	48.61	-47.86	-13.00	34.86	254	320	Vertical
5	10416.5400	42.63	-50.13	-13.00	37.13	125	190	Vertical
6	12152.6300	42.29	-49.44	-13.00	36.44	245	196	Vertical



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Test Band = LTE Band 66_ _TM1
Test Channel =High Channel

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.0000	61.50	-49.89	-13.00	36.89	352	182	Horizontal
2	5283.0000	59.39	-47.30	-13.00	34.30	248	326	Horizontal
3	7044.3600	55.83	-45.74	-13.00	32.74	196	57	Horizontal
4	8805.4500	53.42	-42.56	-13.00	29.56	256	69	Horizontal
5	10566.5400	47.08	-45.29	-13.00	32.29	368	344	Horizontal
6	12327.6300	43.74	-47.68	-13.00	34.68	128	57	Horizontal

Data List								
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.0000	66.17	-45.22	-13.00	32.22	163	2	Vertical
2	5283.2700	59.31	-47.38	-13.00	34.38	246	302	Vertical
3	7044.3600	55.26	-46.31	-13.00	33.31	358	314	Vertical
4	8805.4500	50.46	-45.52	-13.00	32.52	246	327	Vertical
5	10566.5400	44.17	-48.20	-13.00	35.20	249	345	Vertical
6	12327.6300	41.33	-50.09	-13.00	37.09	185	189	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	-0.20	-0.000116	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	-0.80	-0.000465	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	0.70	0.000407	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-3.70	-0.002120	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-3.40	-0.001948	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.60	-0.000917	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-1.10	-0.000621	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-1.10	-0.000621	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-0.70	-0.000395	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	-12.00	-0.006977	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	19.00	0.011047	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	30.70	0.017849	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-2.30	-0.001318	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	-3.40	-0.001948	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-3.00	-0.001719	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	0.30	0.000169	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	0.80	0.000452	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	0.90	0.000508	PASS



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-1.40	-0.000814	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-1.60	-0.000930	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	0.80	0.000465	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-0.30	-0.000174	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-1.10	-0.000640	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-1.30	-0.000756	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-1.60	-0.000930	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-1.70	-0.000988	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.80	-0.001605	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-3.70	-0.002120	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-2.80	-0.001605	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-4.30	-0.002464	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-3.50	-0.002006	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-5.20	-0.002980	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-1.70	-0.000974	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-5.00	-0.002865	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-1.10	-0.000621	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	-0.70	-0.000395	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	0.20	0.000113	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-0.60	-0.000339	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-0.80	-0.000452	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	0.80	0.000452	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-0.50	-0.000282	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	1.10	0.000621	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	13.10	0.007616	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-10	-6.40	-0.003721	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	17.40	0.010116	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	9.80	0.005698	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	1.25	0.005798	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	30	1.25	0.004698	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	40	16.30	0.009477	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	50	1.33	0.003698	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-4.40	-0.002521	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	-3.80	-0.002178	PASS



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Band66	20MHz	16QAM	132322	100RB#0	NV	0	-4.30	-0.002464	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-3.00	-0.001719	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-3.10	-0.001777	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-3.30	-0.001891	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-2.60	-0.001490	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-3.60	-0.002063	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	-0.80	-0.000452	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-10	-1.00	-0.000565	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	0.40	0.000226	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-1.00	-0.000565	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-0.40	-0.000226	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	30	-0.70	-0.000395	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	40	0.10	0.000056	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	50	0.10	0.000056	PASS

The End



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com