

Appendix B.14

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.65	20.45	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.56	20.36	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.55	20.35	33	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.57	19.37	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.76	19.56	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.72	19.52	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.80	19.60	33	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.77	18.57	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.76	18.56	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.76	18.56	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.79	18.59	33	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.80	17.60	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	18.02	15.82	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	17.95	15.75	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.15	15.95	33	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	17.98	15.78	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.68	20.48	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.62	20.42	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.52	20.32	33	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.74	19.54	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.79	19.59	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.74	19.54	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.77	19.57	33	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.90	18.70	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.78	18.58	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.85	18.65	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.82	18.62	33	PASS



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Band66	1.4MHz	64QAM	132322	6RB#0	19.89	17.69	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.19	15.99	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.03	15.83	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	17.97	15.77	33	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	17.90	15.70	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.66	20.46	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.58	20.38	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.75	20.55	33	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.60	19.40	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.65	19.45	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.84	19.64	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.68	19.48	33	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.87	18.67	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.84	18.64	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.68	18.48	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.83	18.63	33	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.86	17.66	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.10	15.90	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.06	15.86	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.18	15.98	33	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.22	16.02	33	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.66	20.46	33	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.66	20.46	33	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.60	20.40	33	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.61	19.41	33	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.79	19.59	33	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.85	19.65	33	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.72	19.52	33	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.85	18.65	33	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.98	18.78	33	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.96	18.76	33	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.91	18.71	33	PASS



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Band66	3MHz	64QAM	131987	15RB#0	20.01	17.81	33	PASS
Band66	3MHz	256QAM	131987	1RB#0	17.97	15.77	33	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.00	15.80	33	PASS
Band66	3MHz	256QAM	131987	1RB#14	18.18	15.98	33	PASS
Band66	3MHz	256QAM	131987	15RB#0	18.02	15.82	33	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.71	20.51	33	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.71	20.51	33	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.65	20.45	33	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.70	19.50	33	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.83	19.63	33	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.78	19.58	33	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.71	19.51	33	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.80	18.60	33	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.77	18.57	33	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.90	18.70	33	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.86	18.66	33	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.83	17.63	33	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.17	15.97	33	PASS
Band66	3MHz	256QAM	132322	1RB#8	18.05	15.85	33	PASS
Band66	3MHz	256QAM	132322	1RB#14	17.88	15.68	33	PASS
Band66	3MHz	256QAM	132322	15RB#0	17.96	15.76	33	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.69	20.49	33	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.66	20.46	33	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.72	20.52	33	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.67	19.47	33	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.76	19.56	33	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.75	19.55	33	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.74	19.54	33	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.86	18.66	33	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.85	18.65	33	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.83	18.63	33	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.82	18.62	33	PASS



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Band66	3MHz	64QAM	132657	15RB#0	20.00	17.80	33	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.12	15.92	33	PASS
Band66	3MHz	256QAM	132657	1RB#8	18.04	15.84	33	PASS
Band66	3MHz	256QAM	132657	1RB#14	18.19	15.99	33	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.19	15.99	33	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.68	20.48	33	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.66	20.46	33	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.68	20.48	33	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.60	19.40	33	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.85	19.65	33	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.87	19.67	33	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.77	19.57	33	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.90	18.70	33	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.95	18.75	33	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.92	18.72	33	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.99	18.79	33	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.95	17.75	33	PASS
Band66	5MHz	256QAM	131997	1RB#0	18.04	15.84	33	PASS
Band66	5MHz	256QAM	131997	1RB#12	17.99	15.79	33	PASS
Band66	5MHz	256QAM	131997	1RB#24	18.09	15.89	33	PASS
Band66	5MHz	256QAM	131997	25RB#0	18.01	15.81	33	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.67	20.47	33	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.79	20.59	33	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.73	20.53	33	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.78	19.58	33	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.81	19.61	33	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.74	19.54	33	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.70	19.50	33	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.81	18.61	33	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.80	18.60	33	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.93	18.73	33	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.76	18.56	33	PASS



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Band66	5MHz	64QAM	132322	25RB#0	19.82	17.62	33	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.18	15.98	33	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.10	15.90	33	PASS
Band66	5MHz	256QAM	132322	1RB#24	17.97	15.77	33	PASS
Band66	5MHz	256QAM	132322	25RB#0	17.96	15.76	33	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.60	20.40	33	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.69	20.49	33	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.69	20.49	33	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.68	19.48	33	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.75	19.55	33	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.81	19.61	33	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.80	19.60	33	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.90	18.70	33	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.81	18.61	33	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.82	18.62	33	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.88	18.68	33	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.96	17.76	33	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.06	15.86	33	PASS
Band66	5MHz	256QAM	132647	1RB#12	18.10	15.90	33	PASS
Band66	5MHz	256QAM	132647	1RB#24	18.21	16.01	33	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.21	16.01	33	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.71	20.51	33	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.65	20.45	33	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.67	20.47	33	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.65	19.45	33	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.77	19.57	33	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.79	19.59	33	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.71	19.51	33	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.87	18.67	33	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.98	18.78	33	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.94	18.74	33	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.93	18.73	33	PASS



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Band66	10MHz	256QAM	132022	1RB#0	17.98	15.78	33	PASS
Band66	10MHz	256QAM	132022	1RB#24	17.97	15.77	33	PASS
Band66	10MHz	256QAM	132022	1RB#49	18.12	15.92	33	PASS
Band66	10MHz	256QAM	132022	50RB#0	18.00	15.80	33	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.70	20.50	33	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.73	20.53	33	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.67	20.47	33	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.75	19.55	33	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.78	19.58	33	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.75	19.55	33	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.67	19.47	33	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.85	18.65	33	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.83	18.63	33	PASS
Band66	10MHz	64QAM	132322	1RB#24	20.95	18.75	33	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.79	18.59	33	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.90	17.70	33	PASS
Band66	10MHz	256QAM	132322	1RB#0	18.26	16.06	33	PASS
Band66	10MHz	256QAM	132322	1RB#24	18.07	15.87	33	PASS
Band66	10MHz	256QAM	132322	1RB#49	17.96	15.76	33	PASS
Band66	10MHz	256QAM	132322	50RB#0	17.97	15.77	33	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.69	20.49	33	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.60	20.40	33	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.71	20.51	33	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.63	19.43	33	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.74	19.54	33	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.76	19.56	33	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.75	19.55	33	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.91	18.71	33	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.84	18.64	33	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.76	18.56	33	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.81	18.61	33	PASS



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Band66	10MHz	64QAM	132622	50RB#0	19.93	17.73	33	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.05	15.85	33	PASS
Band66	10MHz	256QAM	132622	1RB#24	18.04	15.84	33	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.20	16.00	33	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.20	16.00	33	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.69	20.49	33	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.67	20.47	33	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.60	20.40	33	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.68	19.48	33	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.83	19.63	33	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.83	19.63	33	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.81	19.61	33	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.84	18.64	33	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.88	18.68	33	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.92	18.72	33	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.98	18.78	33	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.01	17.81	33	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.02	15.82	33	PASS
Band66	15MHz	256QAM	132047	1RB#38	17.99	15.79	33	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.16	15.96	33	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.02	15.82	33	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.76	20.56	33	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.75	20.55	33	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.68	20.48	33	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.70	19.50	33	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.83	19.63	33	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.75	19.55	33	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.68	19.48	33	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.83	18.63	33	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.79	18.59	33	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.93	18.73	33	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.81	18.61	33	PASS



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Band66	15MHz	64QAM	132322	75RB#0	19.93	17.73	33	PASS
Band66	15MHz	256QAM	132322	1RB#0	18.21	16.01	33	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.03	15.83	33	PASS
Band66	15MHz	256QAM	132322	1RB#74	17.95	15.75	33	PASS
Band66	15MHz	256QAM	132322	75RB#0	17.99	15.79	33	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.69	20.49	33	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.68	20.48	33	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.65	20.45	33	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.64	19.44	33	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.75	19.55	33	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.79	19.59	33	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.77	19.57	33	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.90	18.70	33	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.82	18.62	33	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.78	18.58	33	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.84	18.64	33	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.92	17.72	33	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.07	15.87	33	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.06	15.86	33	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.22	16.02	33	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.20	16.00	33	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.70	20.50	33	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.70	20.50	33	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.60	20.40	33	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.66	19.46	33	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.80	19.60	33	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.78	19.58	33	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.73	19.53	33	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.88	18.68	33	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.93	18.73	33	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.90	18.70	33	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.90	18.70	33	PASS



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Band66	20MHz	64QAM	132072	100RB#0	19.96	17.76	33	PASS
Band66	20MHz	256QAM	132072	1RB#0	17.97	15.77	33	PASS
Band66	20MHz	256QAM	132072	1RB#49	17.92	15.72	33	PASS
Band66	20MHz	256QAM	132072	1RB#99	18.12	15.92	33	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.97	15.77	33	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.88	20.68	33	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.76	20.56	33	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.66	20.46	33	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.71	19.51	33	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.82	19.62	33	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.74	19.54	33	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.68	19.48	33	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.76	18.56	33	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.85	18.65	33	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.89	18.69	33	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.84	18.64	33	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.84	17.64	33	PASS
Band66	20MHz	256QAM	132322	1RB#0	18.19	15.99	33	PASS
Band66	20MHz	256QAM	132322	1RB#49	18.08	15.88	33	PASS
Band66	20MHz	256QAM	132322	1RB#99	17.97	15.77	33	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.93	15.73	33	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.70	20.50	33	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.69	20.49	33	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.70	20.50	33	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.64	19.44	33	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.75	19.55	33	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.80	19.60	33	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.83	19.63	33	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.89	18.69	33	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.85	18.65	33	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.81	18.61	33	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.88	18.68	33	PASS



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Band66	20MHz	64QAM	132572	100RB#0	19.97	17.77	33	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.07	15.87	33	PASS
Band66	20MHz	256QAM	132572	1RB#49	18.08	15.88	33	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.16	15.96	33	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.23	16.03	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	4.94	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	6.04	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.80	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.68	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.08	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.78	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.04	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.32	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.10	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	6.42	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	6.28	13	PASS

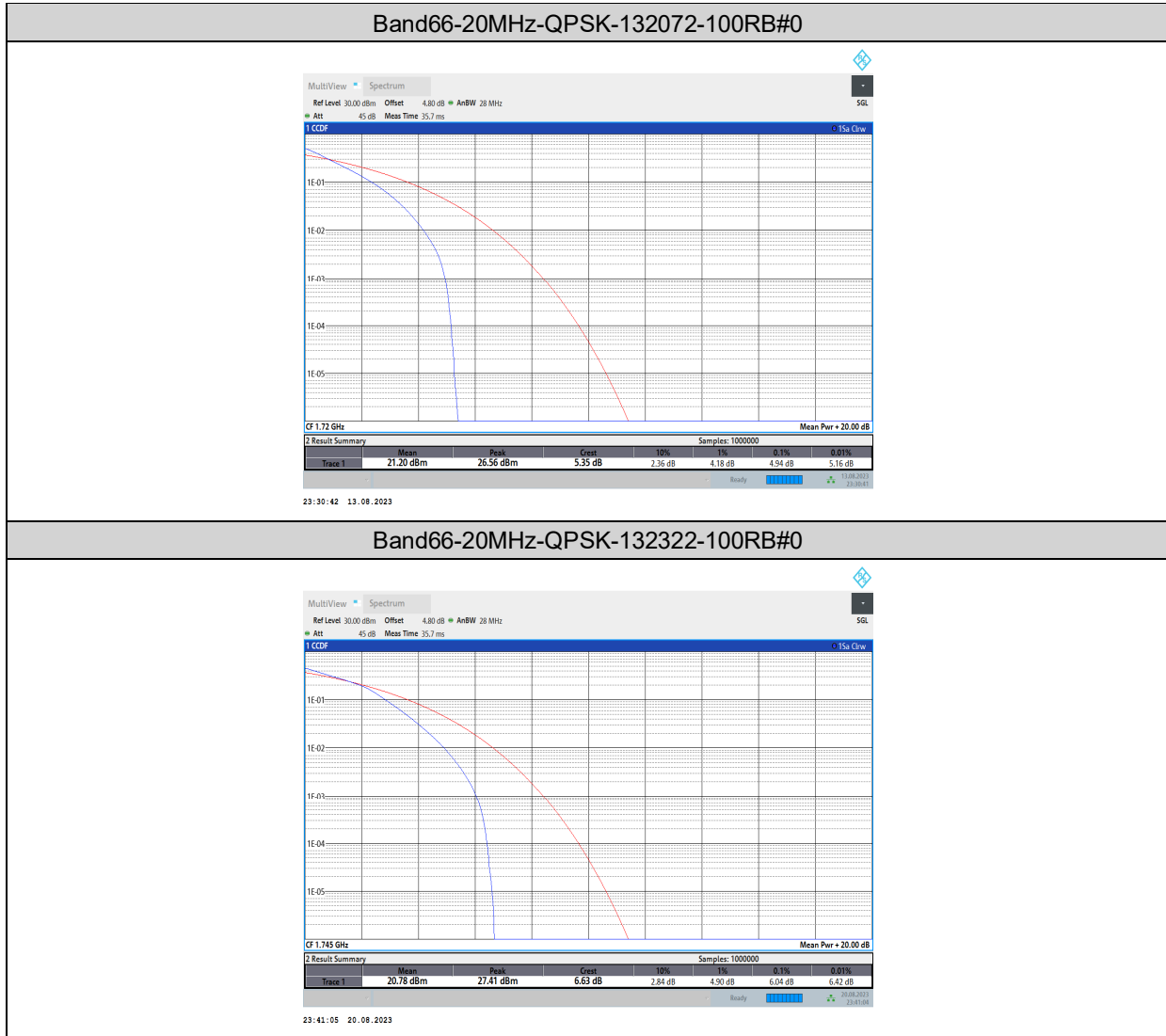


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Test Graphs

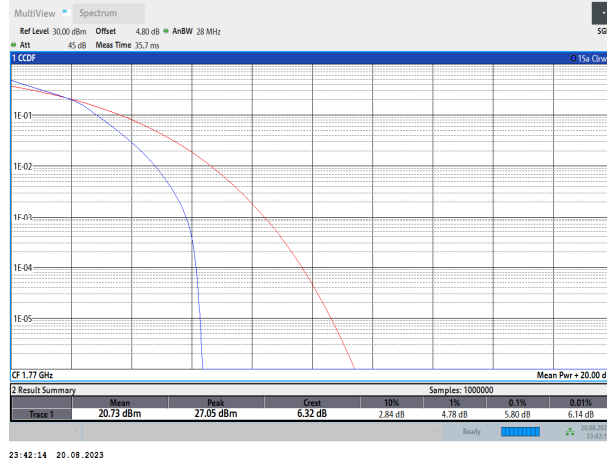


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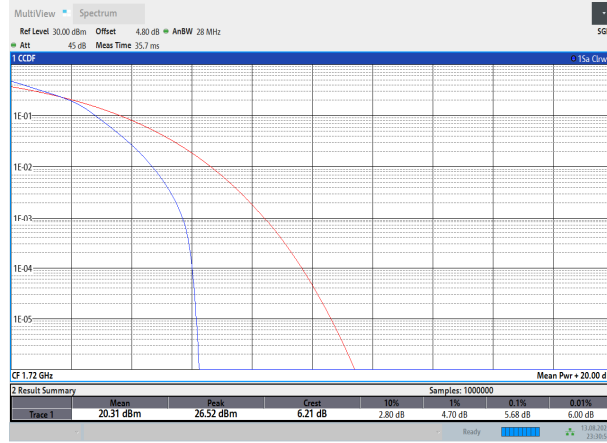
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Band66-20MHz-QPSK-132572-100RB#0



23:42:14 20.08.2023

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



23:30:59 13.08.2023

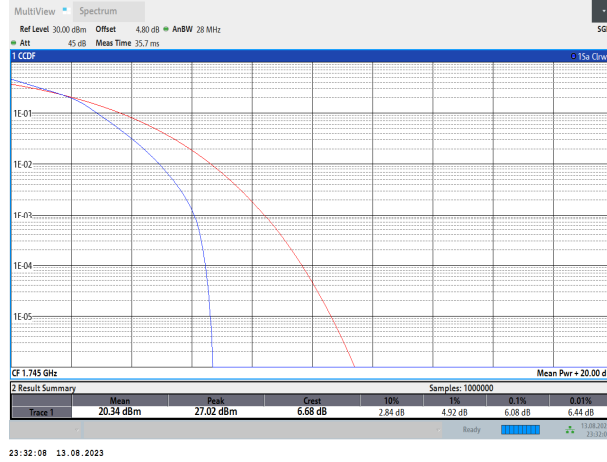


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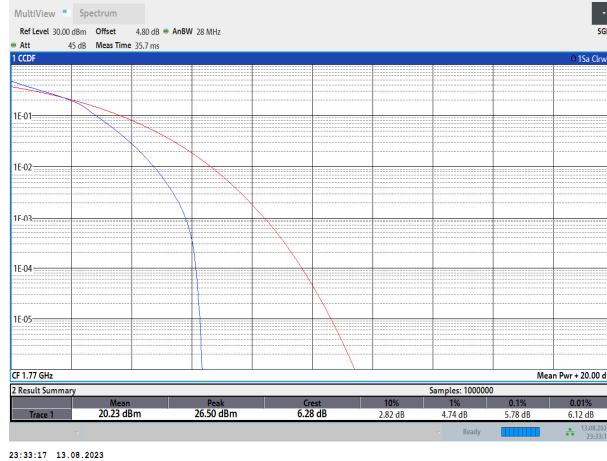
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Band66-20MHz-16QAM-132322-100RB#0



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

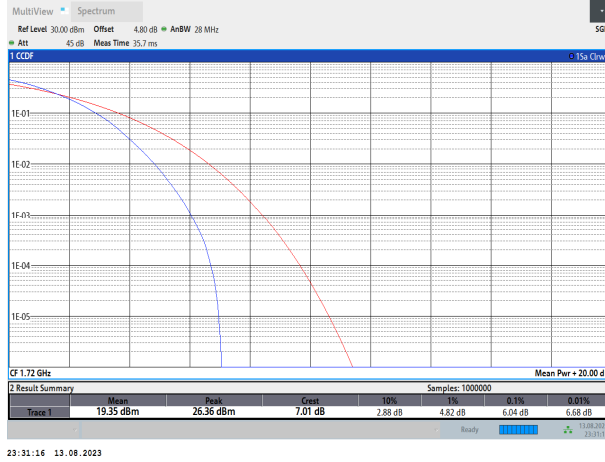


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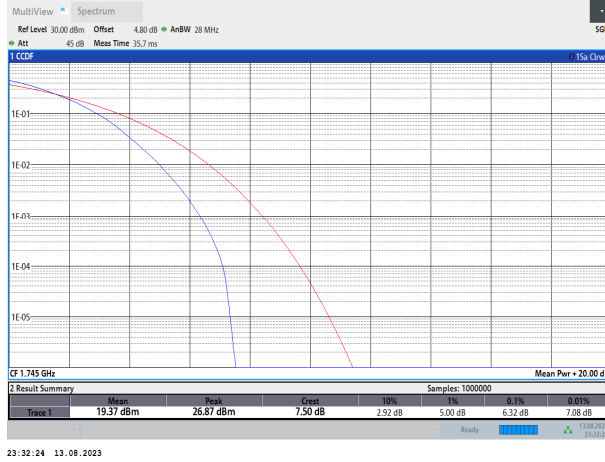
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Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132322-100RB#0

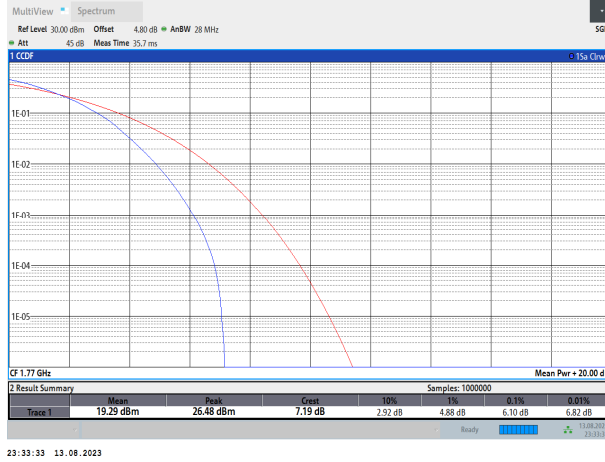


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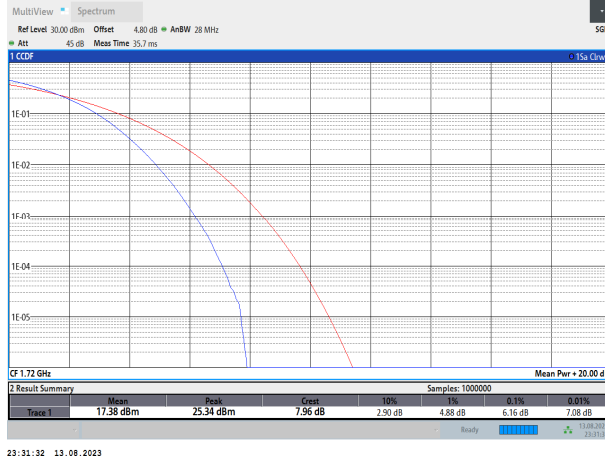
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Band66-20MHz-64QAM-132572-100RB#0



Band66-20MHz-256QAM-132072-100RB#0

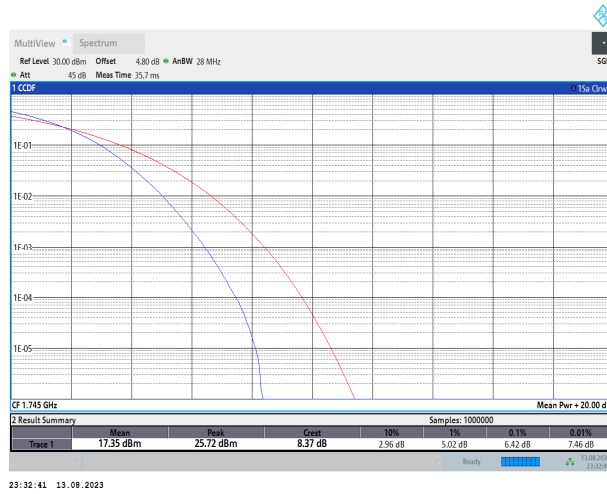


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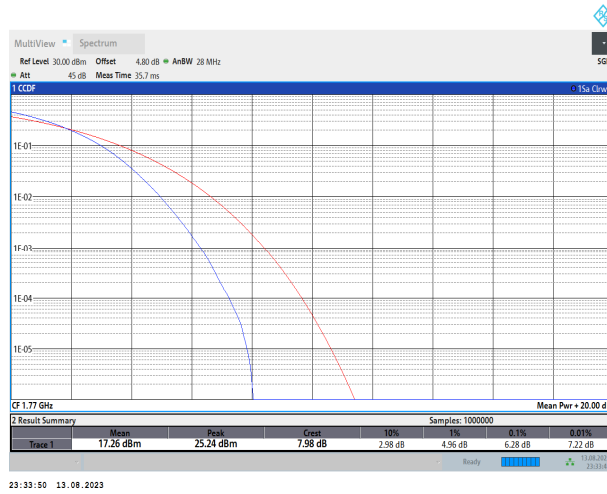
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Band66-20MHz-256QAM-132322-100RB#0



Band66-20MHz-256QAM-132572-100RB#0



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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	132322	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.085	1.27	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.087	1.26	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.099	1.32	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.93	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.688	2.98	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.691	2.90	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.691	3.08	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.490	4.91	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.472	4.96	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.467	4.83	PASS
Band66	5MHz	256QAM	132322	25RB#0	4.458	4.96	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.953	9.74	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.932	9.74	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.954	9.86	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.900	9.66	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.492	14.43	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.506	14.97	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.529	14.70	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.487	14.52	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.900	19.20	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.882	19.04	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.911	19.72	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.99	19.40	PASS

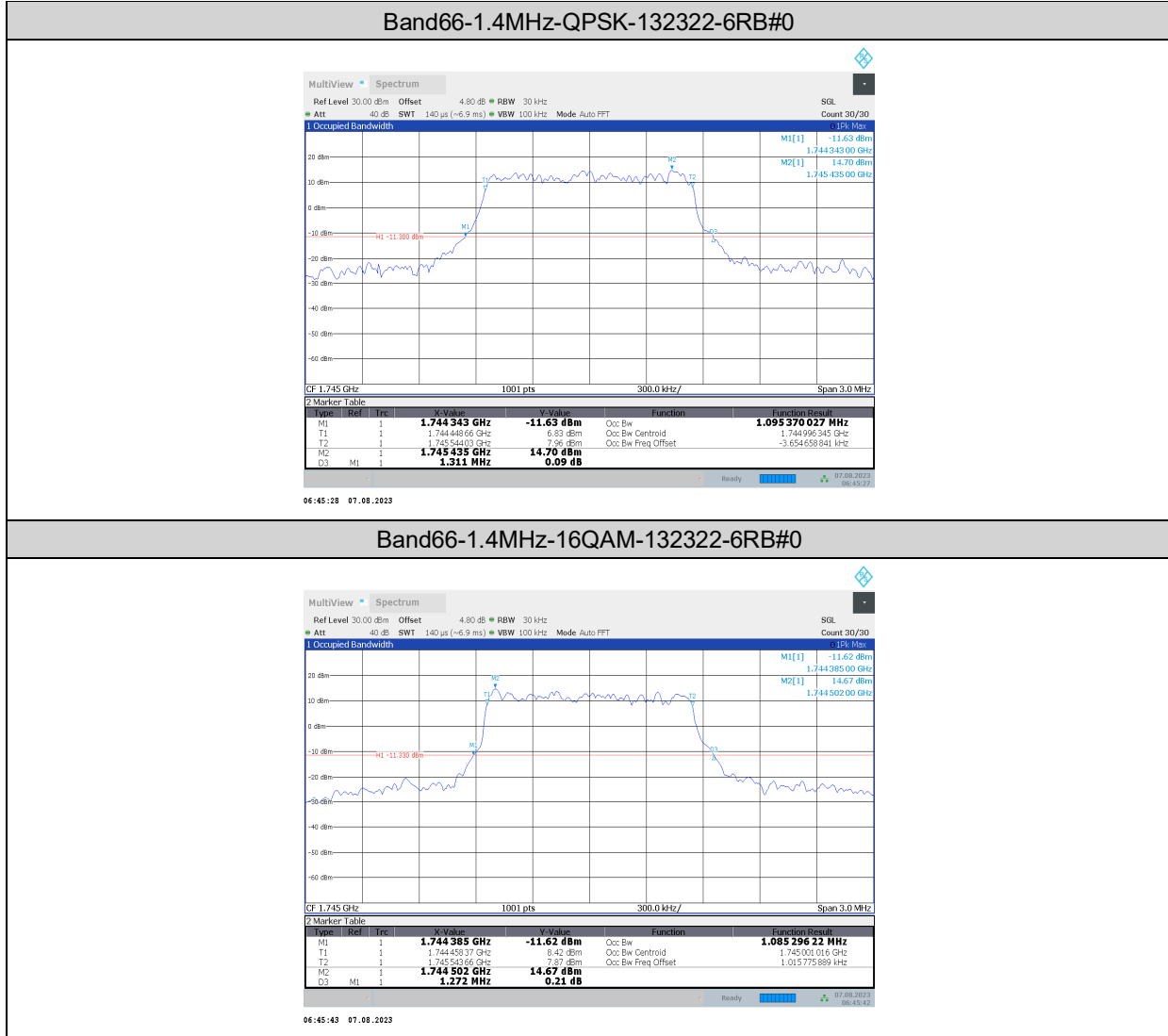


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Test Graphs

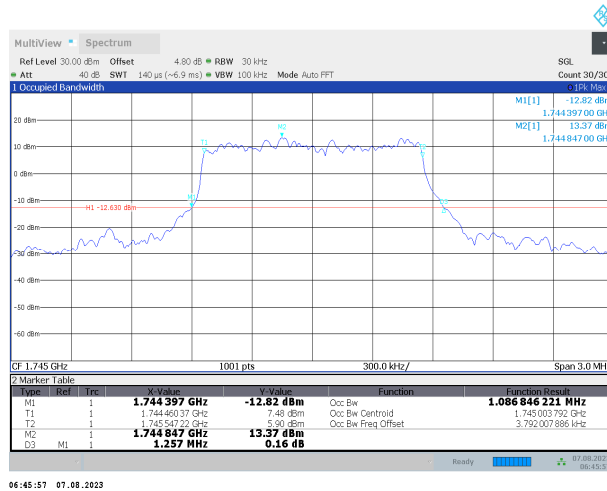


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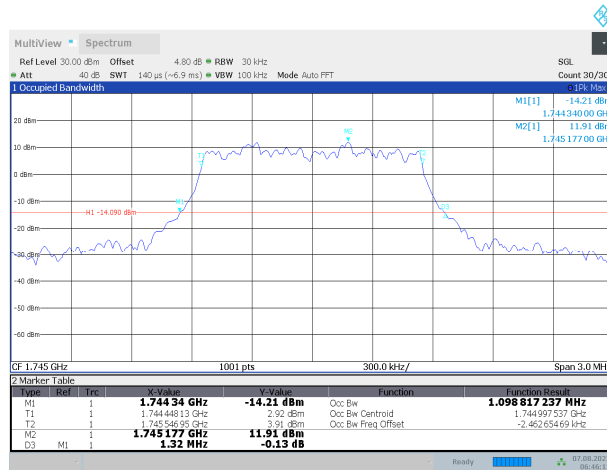
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Band66-1.4MHz-64QAM-132322-6RB#0



06:45:57 07.08.2023

Band66-1.4MHz-256QAM-132322-6RB#0



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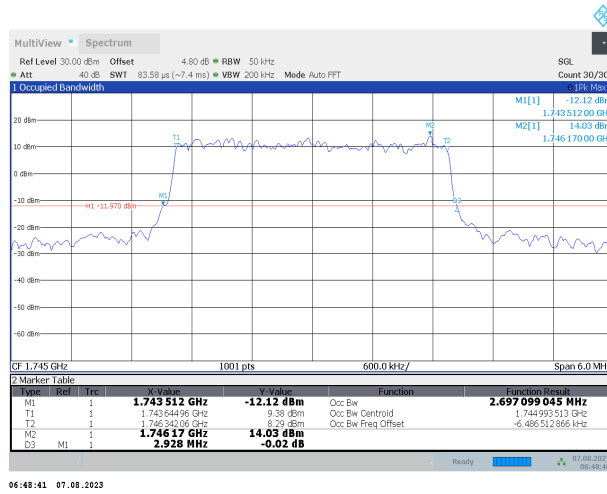


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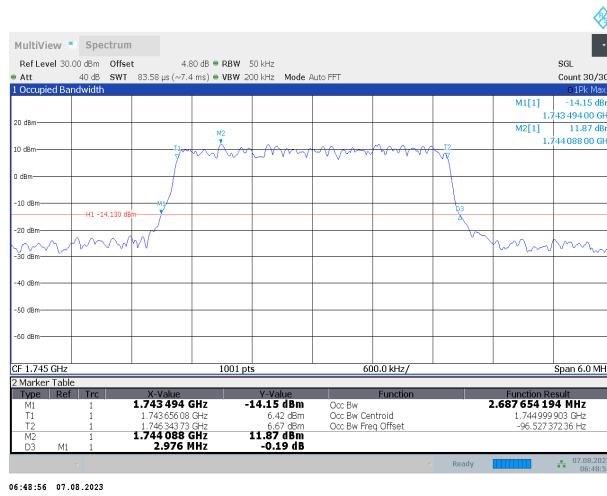
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Band66-3MHz-QPSK-132322-15RB#0



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

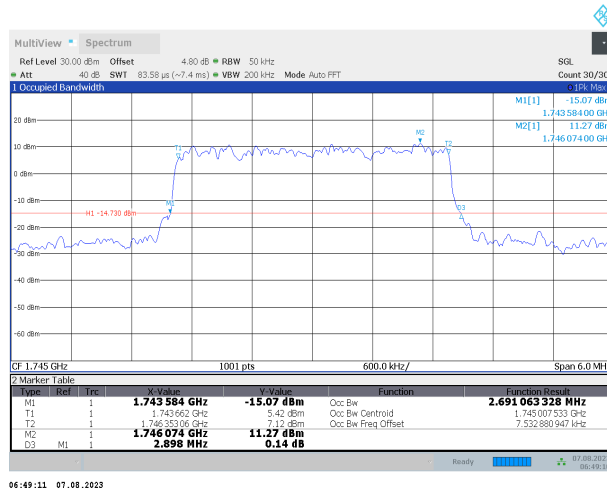


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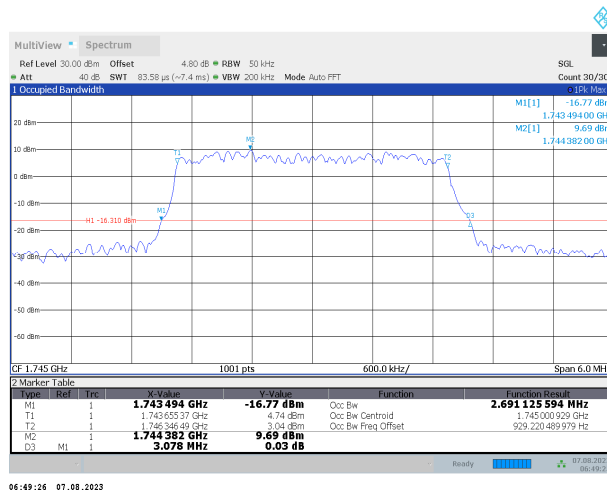
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Band66-3MHz-64QAM-132322-15RB#0



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Band66-3MHz-256QAM-132322-15RB#0



06:49:26 07.08.2023

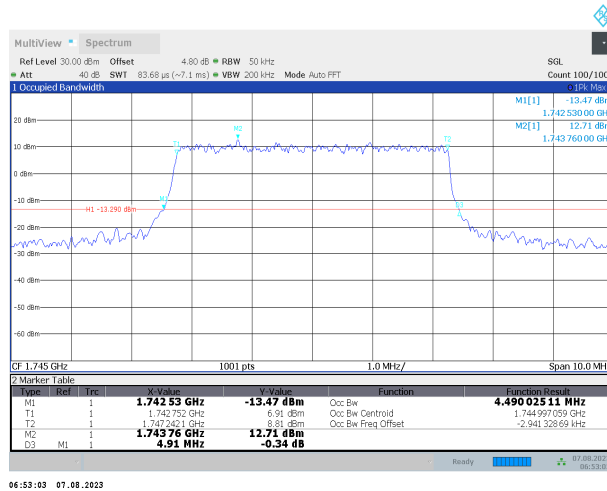


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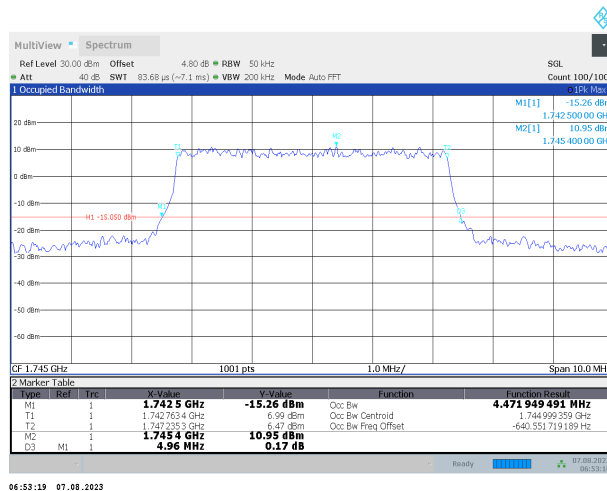
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Band66-5MHz-QPSK-132322-25RB#0



06:53:03 07.08.2023

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



06:53:19 07.08.2023

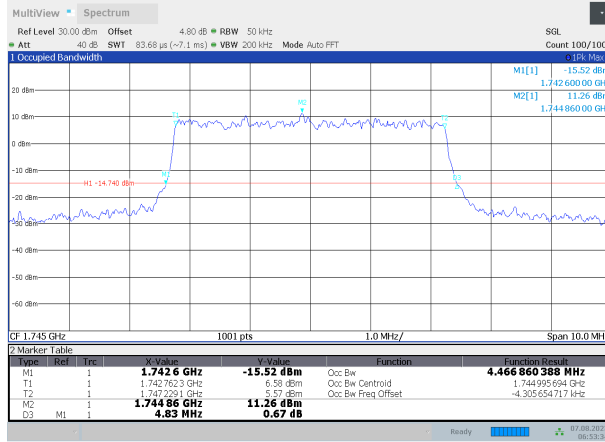


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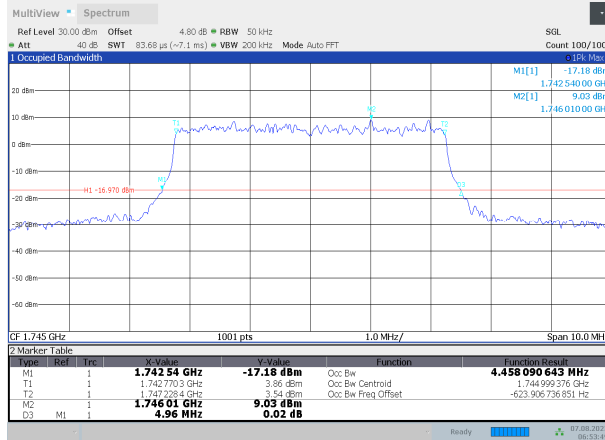
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Band66-5MHz-256QAM-132322-25RB#0



06:53:50 07.08.2023

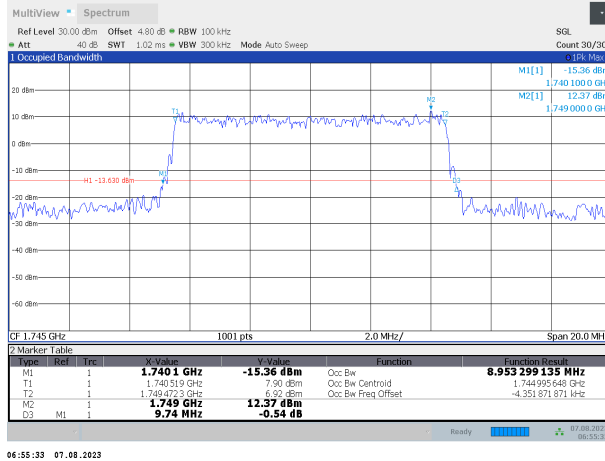


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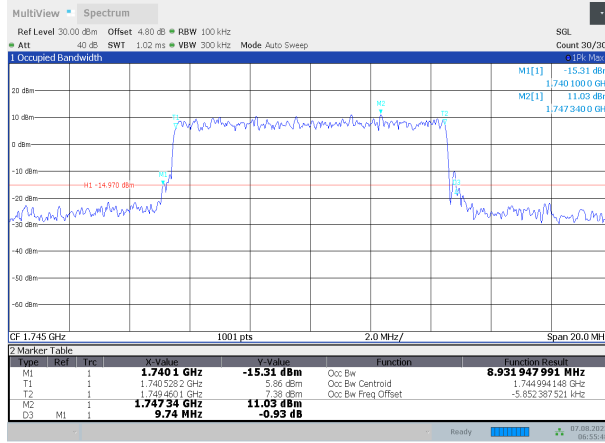
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Band66-10MHz-QPSK-132322-50RB#0



06:55:33 07.08.2023

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



06:55:48 07.08.2023

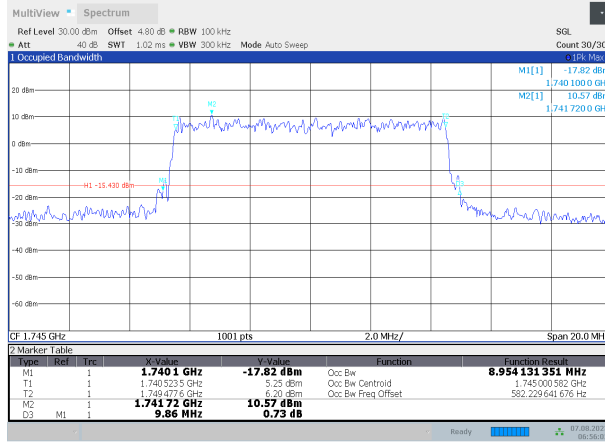


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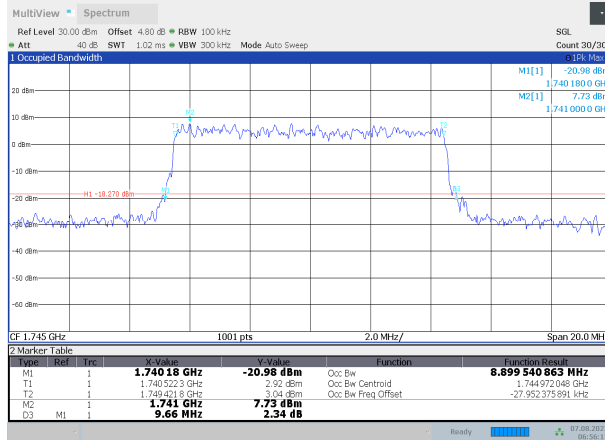
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Band66-10MHz-64QAM-132322-50RB#0



06:56:03 07.08.2023

Band66-10MHz-256QAM-132322-50RB#0



06:56:18 07.08.2023

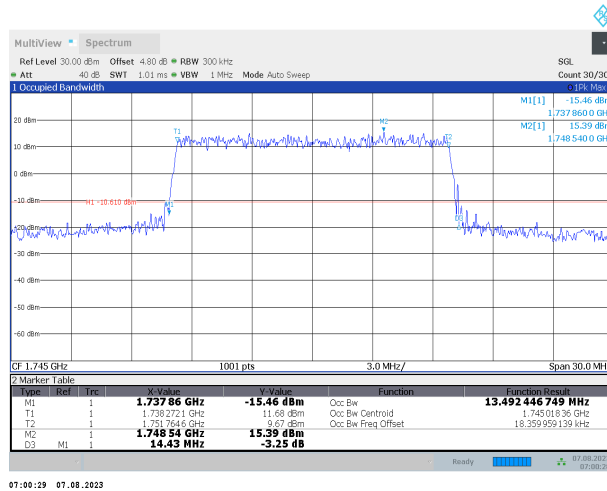


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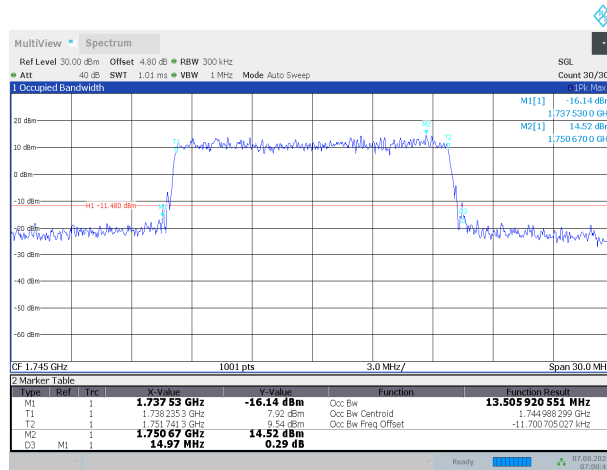
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Band66-15MHz-QPSK-132322-75RB#0



07:00:29 07.08.2023

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



07:00:44 07.08.2023

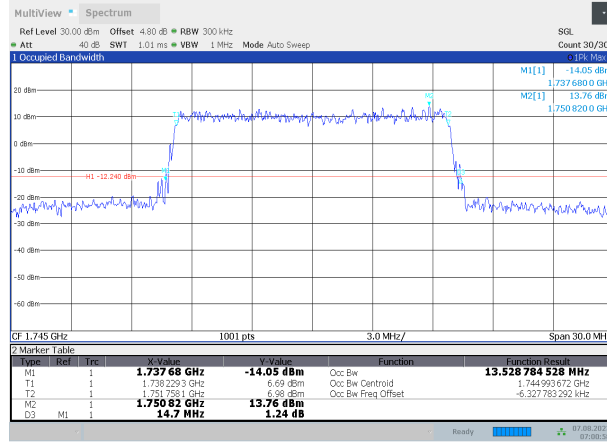


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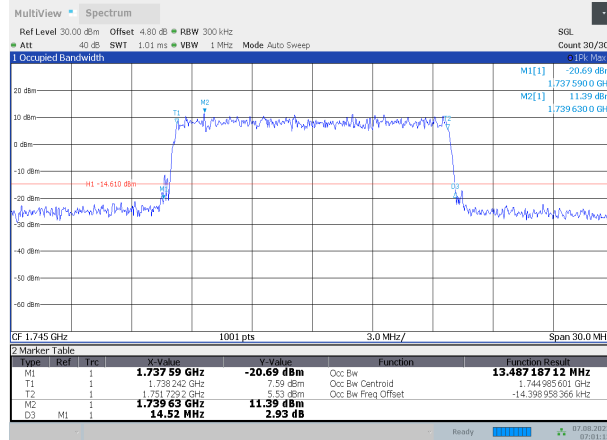
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Band66-15MHz-64QAM-132322-75RB#0



07:00:59 07.08.2023

Band66-15MHz-256QAM-132322-75RB#0



07:01:14 07.08.2023

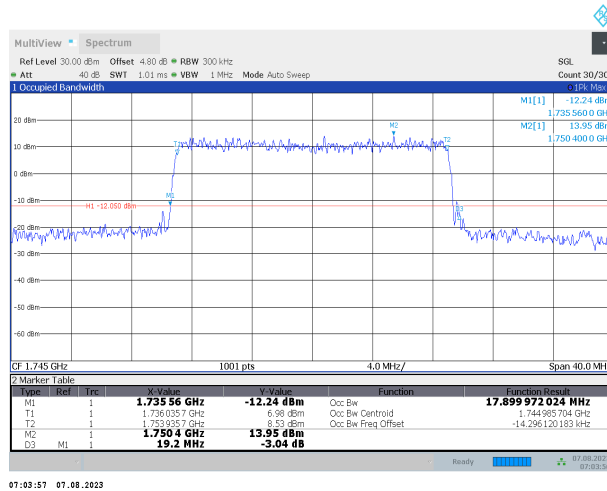


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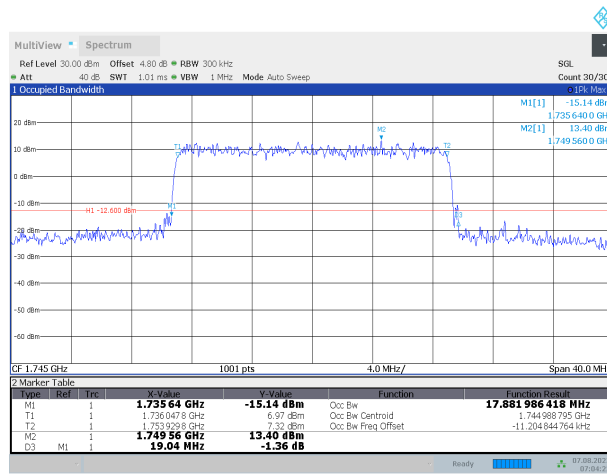
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Band66-20MHz-QPSK-132322-100RB#0



07:03:57 07.08.2023

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



07:04:22 07.08.2023

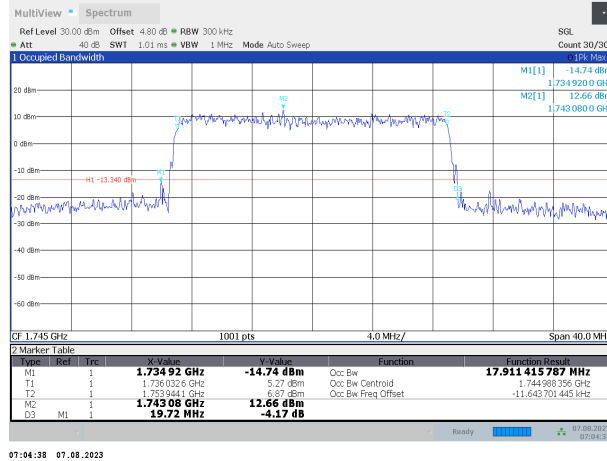


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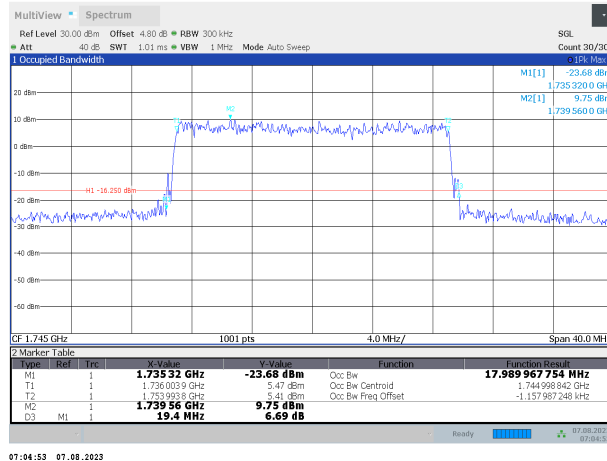
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Band66-20MHz-64QAM-132322-100RB#0



Band66-20MHz-256QAM-132322-100RB#0



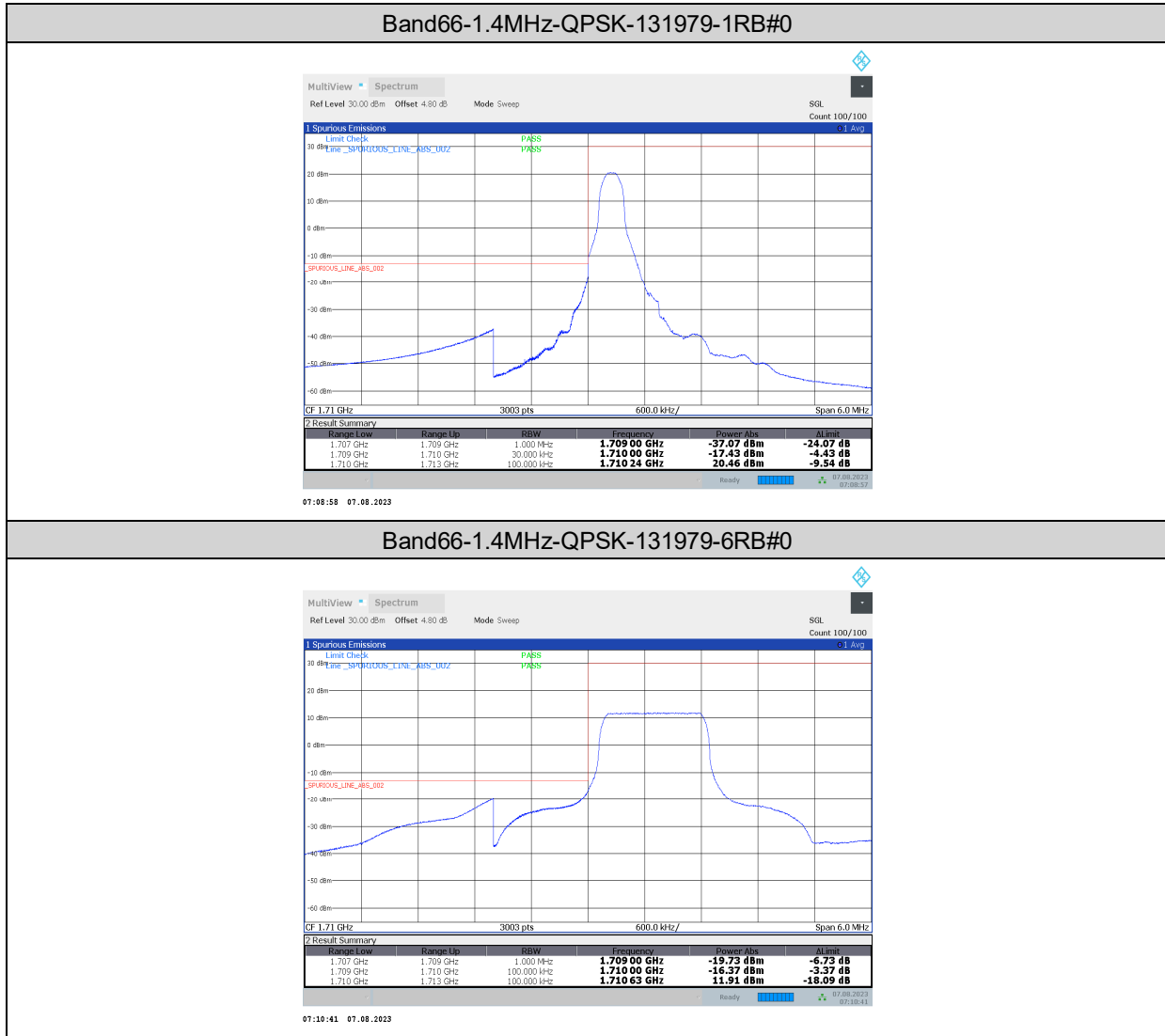
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Band Edge

Test Graphs

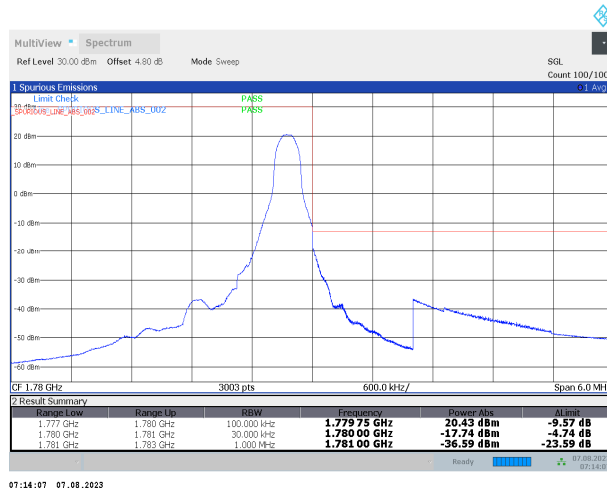


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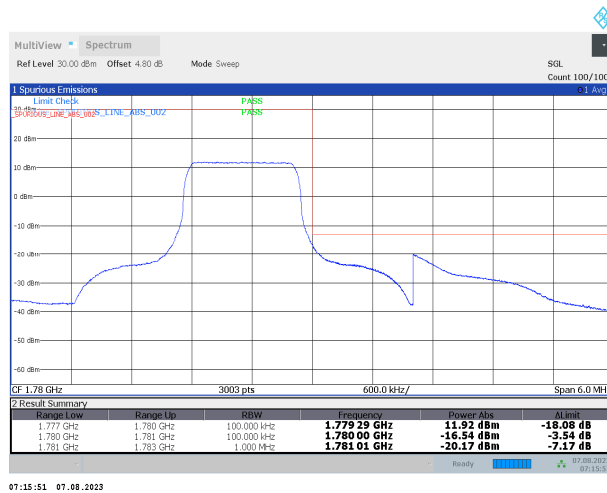
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Band66-1.4MHz-QPSK-132665-1RB#5



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

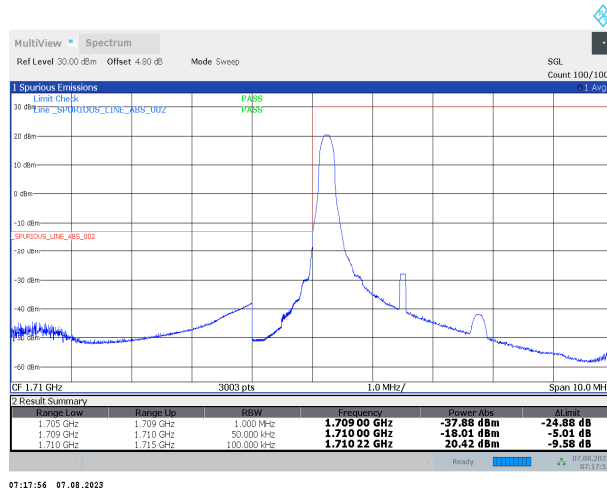


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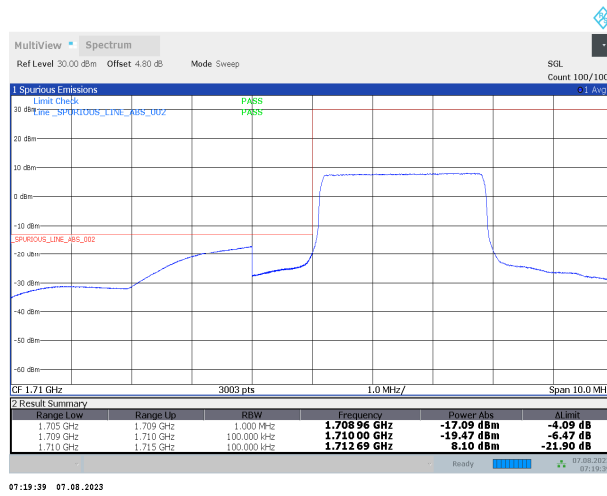
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Band66-3MHz-QPSK-131987-1RB#0



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

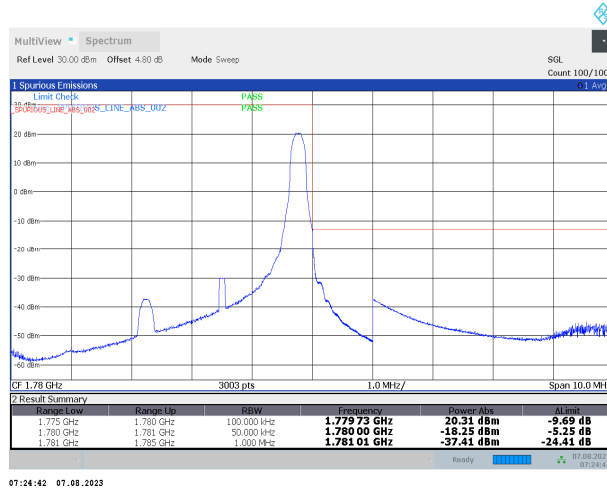


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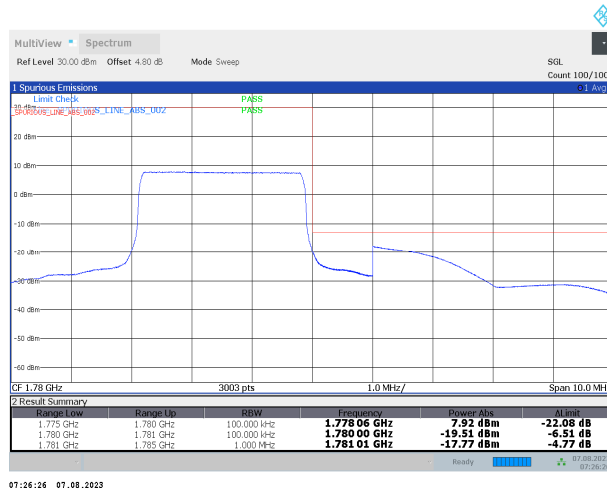
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Band66-3MHz-QPSK-132657-1RB#14



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

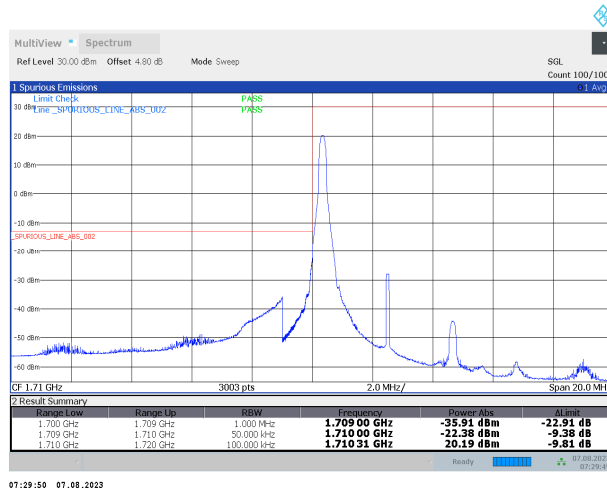


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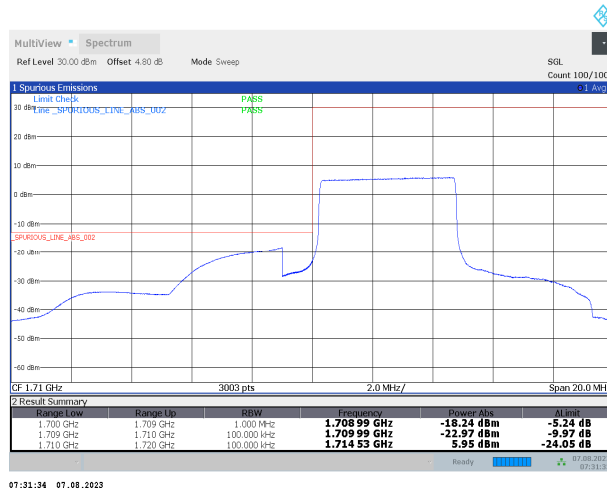
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Band66-5MHz-QPSK-131997-1RB#0



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

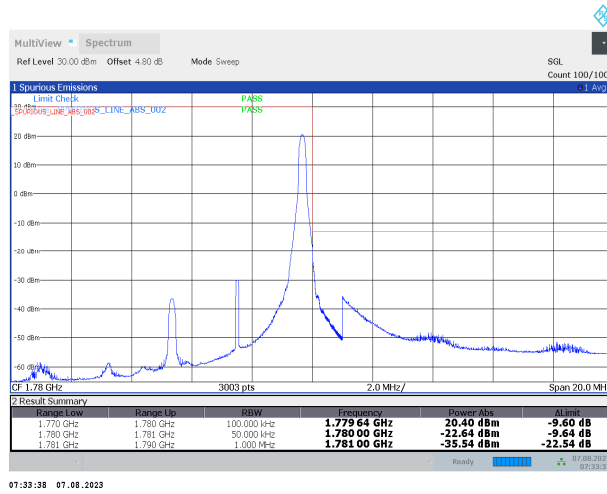


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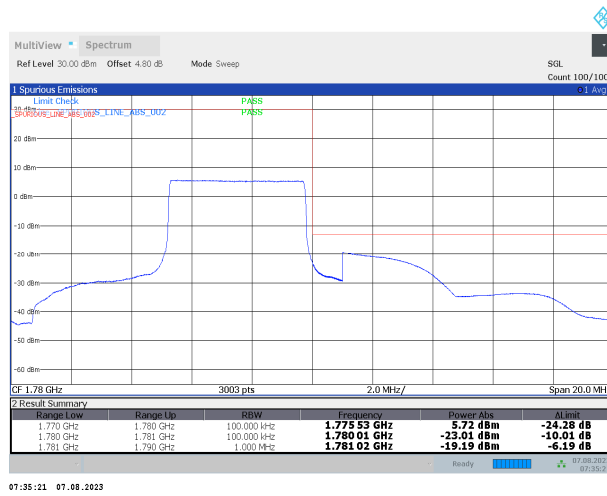
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Band66-5MHz-QPSK-132647-1RB#24



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

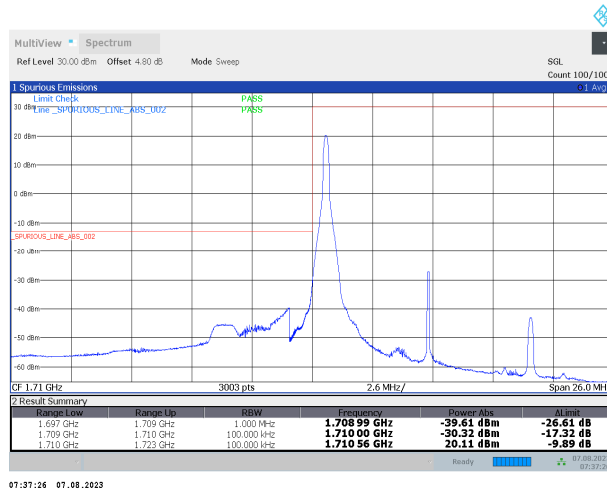


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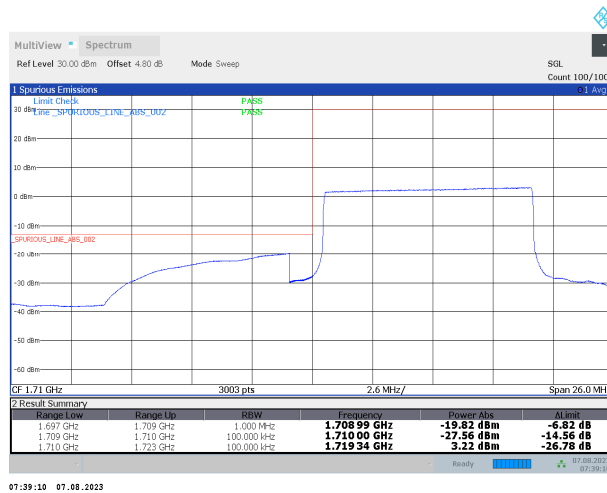
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Band66-10MHz-QPSK-132022-1RB#0



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

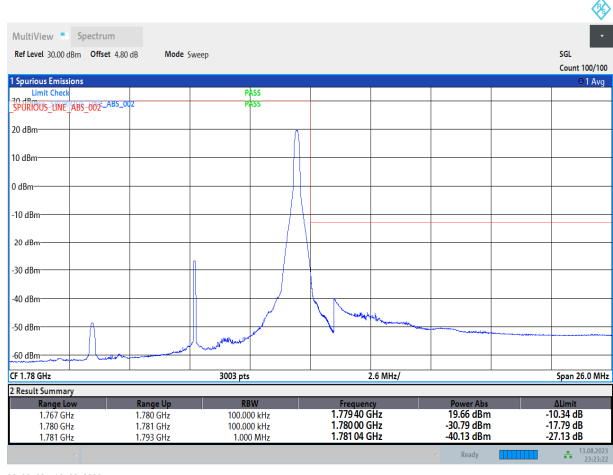


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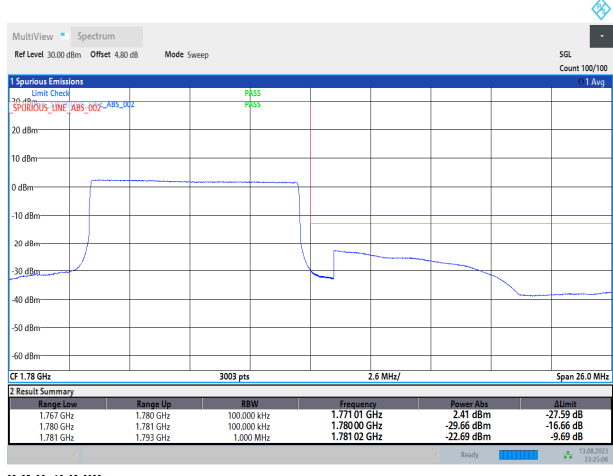
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Band66-10MHz-QPSK-132622-1RB#49



23:23:23 13.08.2023

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



23:25:06 13.08.2023

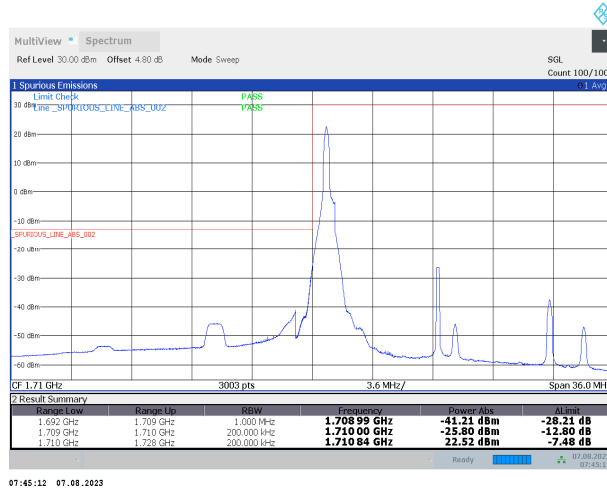


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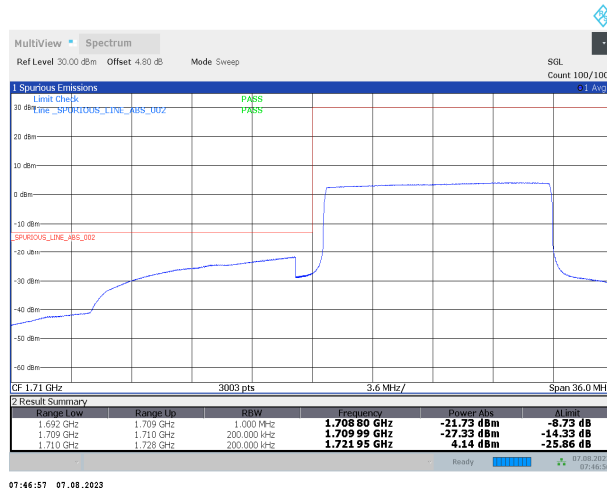
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Band66-15MHz-QPSK-132047-1RB#0



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

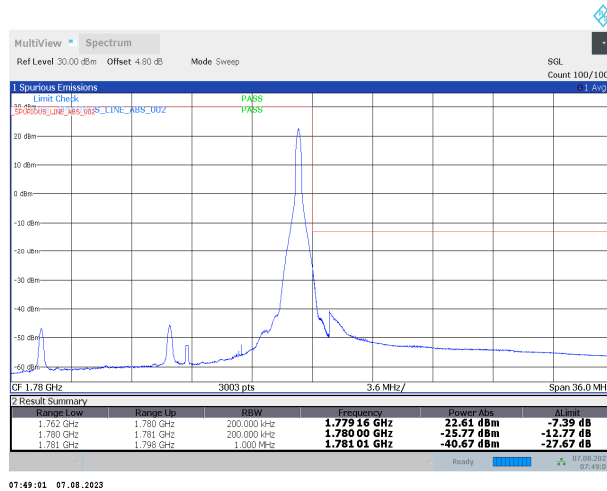


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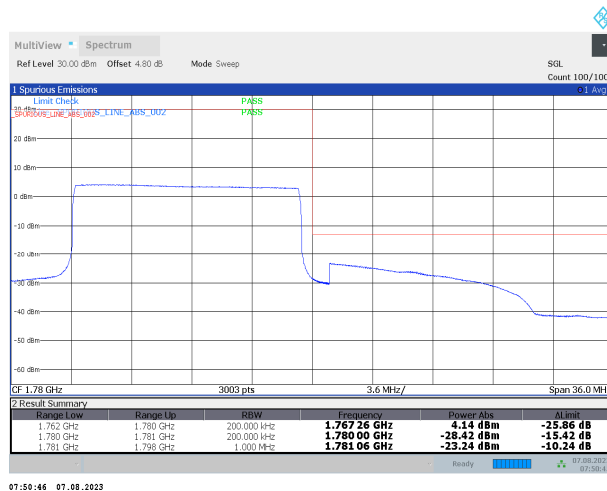
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Band66-15MHz-QPSK-132597-1RB#74



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

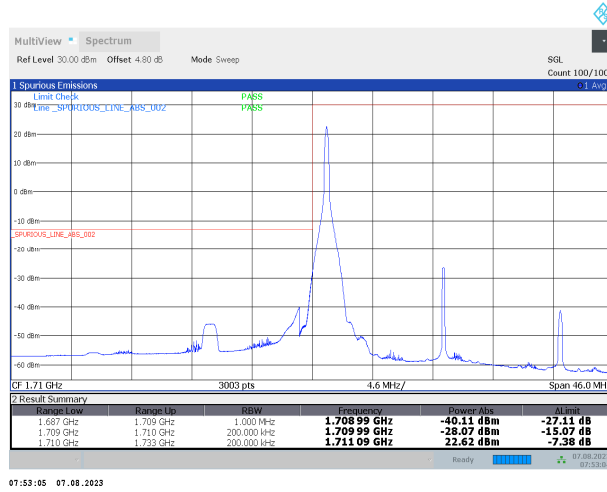


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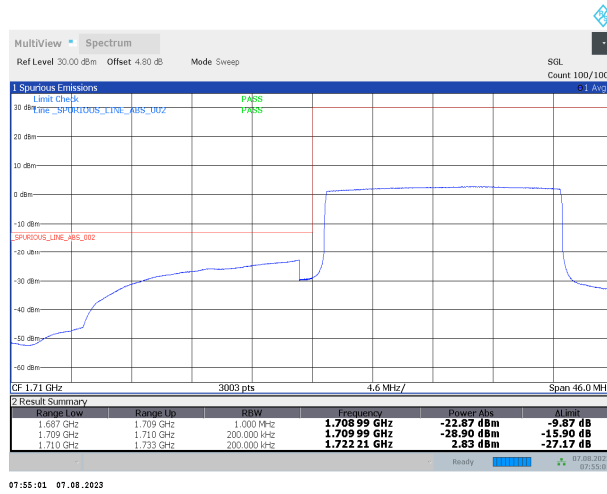
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Band66-20MHz-QPSK-132072-1RB#0



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

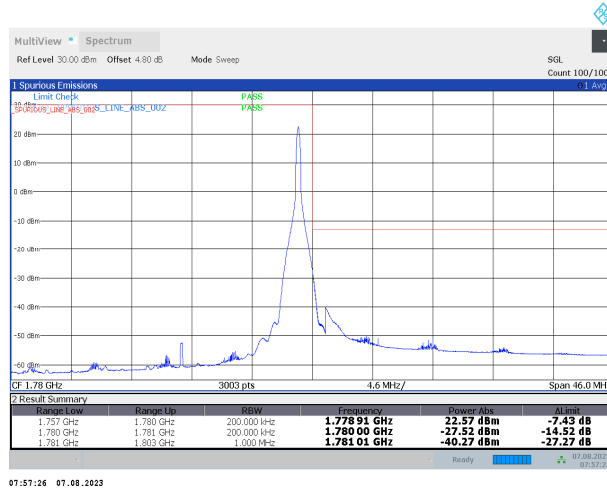


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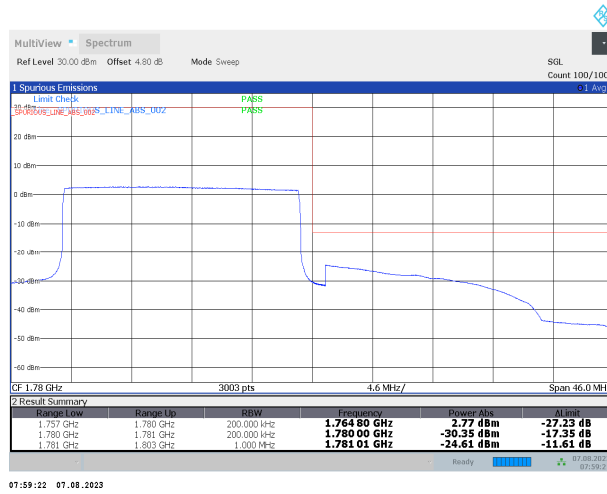
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Band66-20MHz-QPSK-132572-1RB#99



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



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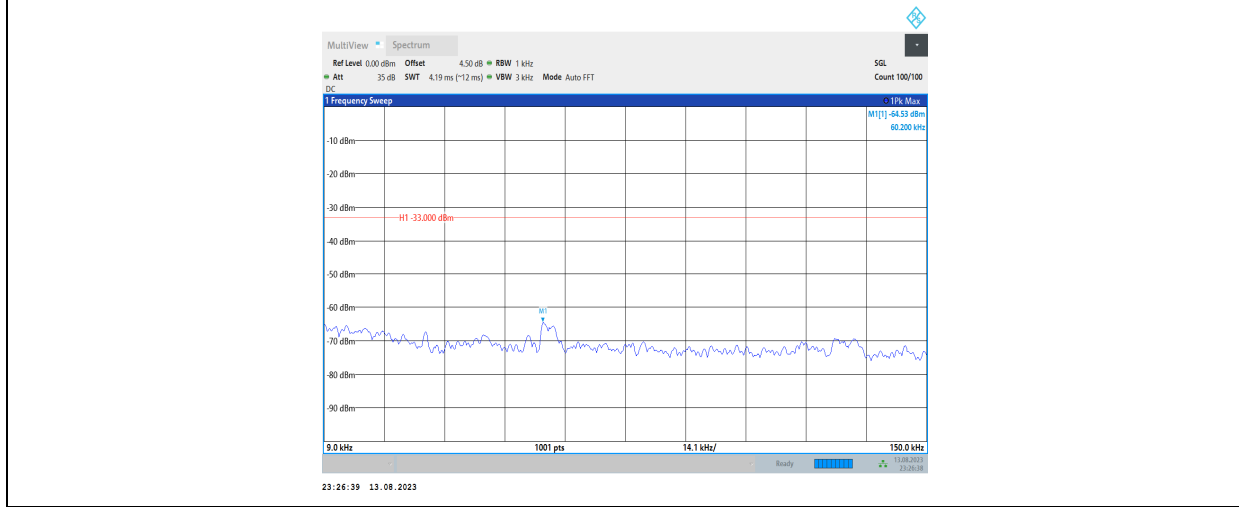
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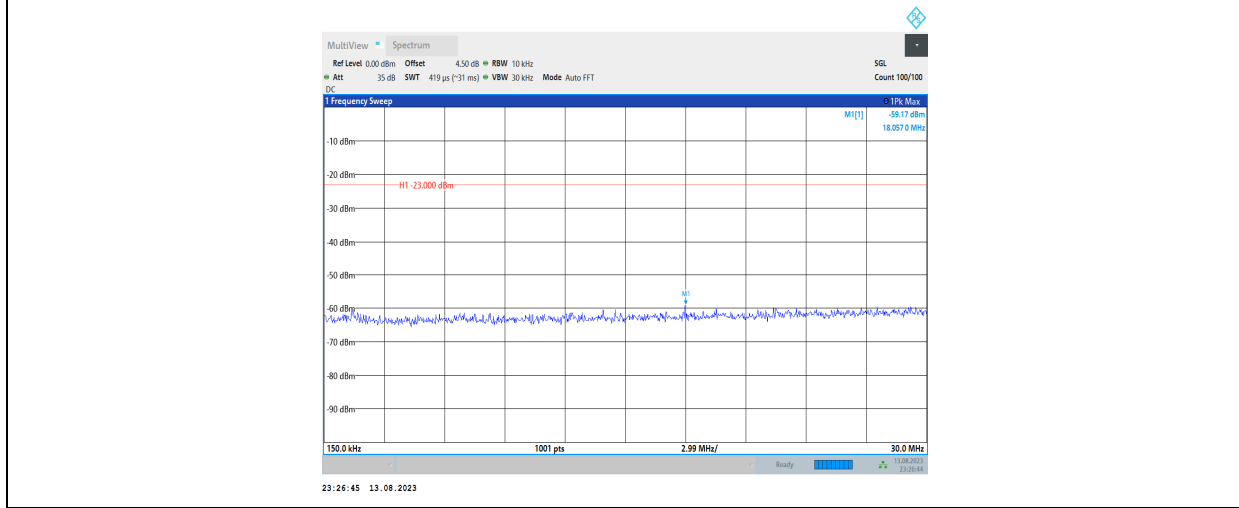
Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz

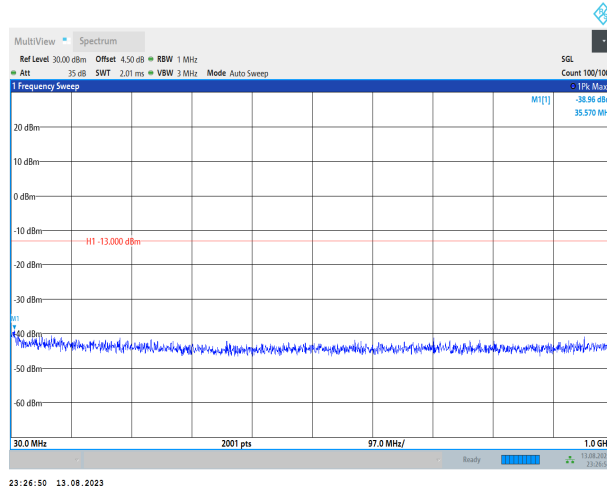


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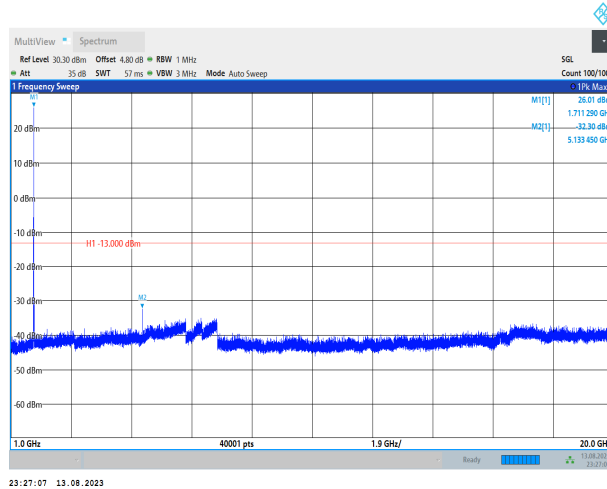
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz

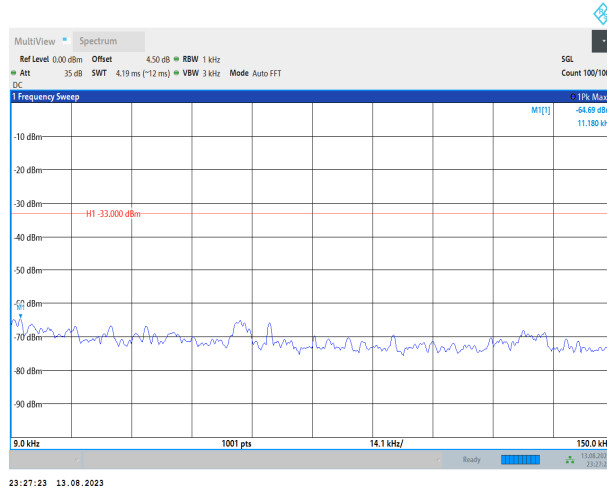


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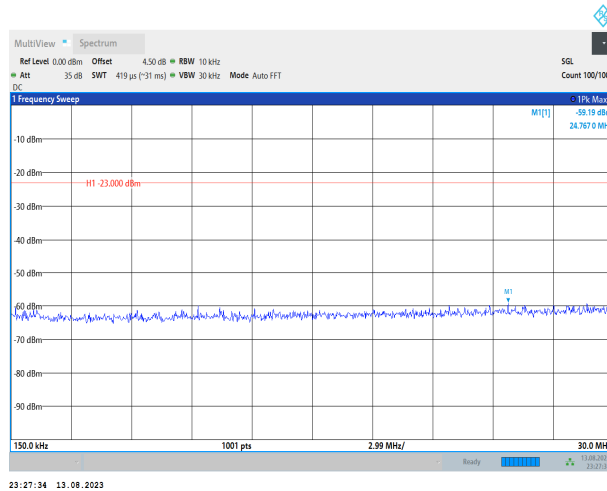
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz

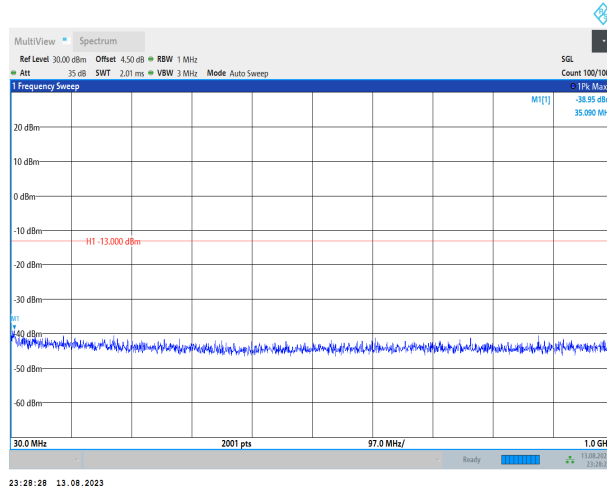


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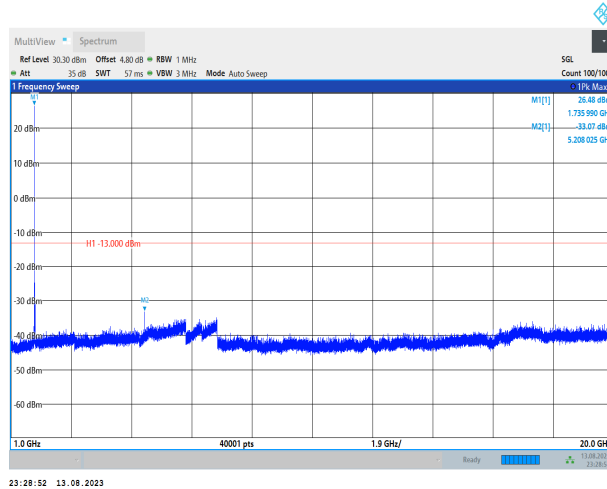
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz

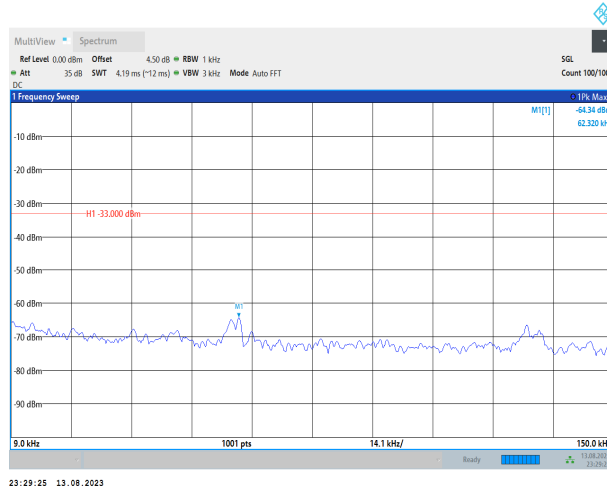


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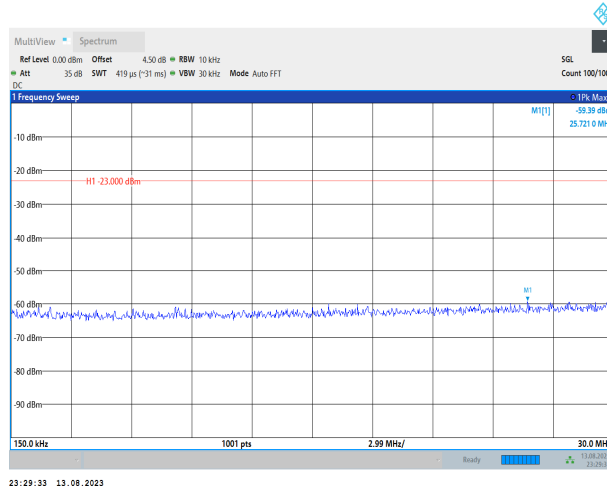
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz

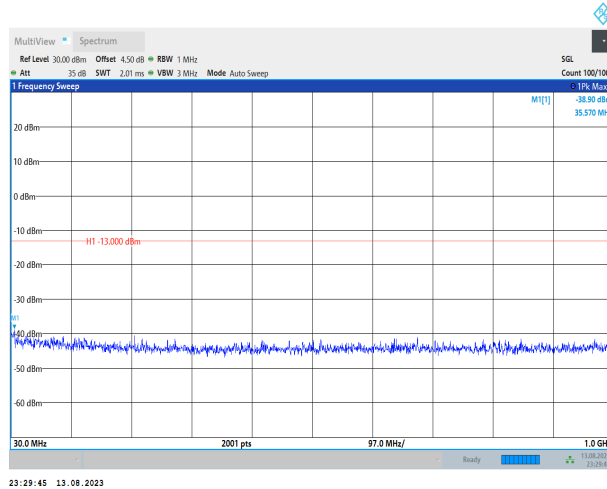


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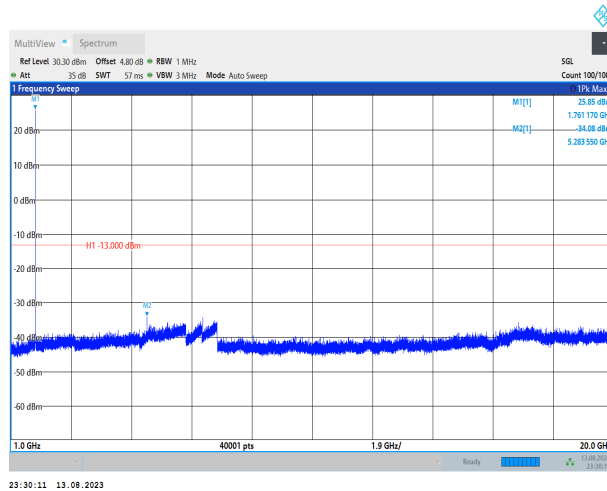
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band66_ TM1

Test Channel = Low ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.07	-46.28	28.54	-70.93	-13.00	57.93	142	290	Horizontal
2	5106.2700	40.36	-45.36	31.66	-68.61	-13.00	55.61	156	336	Horizontal
3	6808.3600	39.61	-44.16	34.86	-64.96	-13.00	51.96	136	63	Horizontal
4	8510.4500	36.30	-41.59	36.54	-64.00	-13.00	51.00	251	19	Horizontal
5	10212.5400	33.58	-39.45	38.31	-62.82	-13.00	49.82	154	268	Horizontal
6	11914.6300	31.13	-37.18	38.79	-62.52	-13.00	49.52	188	86	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.28	-46.28	28.54	-71.72	-13.00	58.72	247	285	Vertical
2	5106.2700	40.44	-45.36	31.66	-68.53	-13.00	55.53	186	331	Vertical
3	6808.3600	39.90	-44.16	34.86	-64.67	-13.00	51.67	152	13	Vertical
4	8510.4500	36.58	-41.59	36.54	-63.72	-13.00	50.72	169	3	Vertical
5	10212.5400	33.94	-39.45	38.31	-62.46	-13.00	49.46	192	149	Vertical
6	11914.6300	31.39	-37.18	38.79	-62.26	-13.00	49.26	211	296	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Mid ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.03	-46.27	28.57	-70.93	-13.00	57.93	100	0	Horizontal
2	5181.2700	39.83	-45.30	31.84	-68.89	-13.00	55.89	147	52	Horizontal
3	6908.3600	38.74	-44.05	35.04	-65.53	-13.00	52.53	186	189	Horizontal
4	8635.4500	36.69	-41.46	36.48	-63.55	-13.00	50.55	251	155	Horizontal
5	10362.5400	33.42	-39.04	38.38	-62.50	-13.00	49.50	159	143	Horizontal
6	12089.6300	31.93	-37.37	38.83	-61.87	-13.00	48.87	132	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	41.53	-46.27	28.57	-71.43	-13.00	58.43	233	356	Vertical
2	5181.2700	39.81	-45.30	31.84	-68.91	-13.00	55.91	126	284	Vertical
3	6908.3600	39.02	-44.05	35.04	-65.25	-13.00	52.25	251	251	Vertical
4	8635.4500	37.46	-41.46	36.48	-62.78	-13.00	49.78	142	359	Vertical
5	10362.5400	33.93	-39.04	38.38	-61.99	-13.00	48.99	156	14	Vertical
6	12089.6300	31.79	-37.37	38.83	-62.01	-13.00	49.01	199	4	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = High ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.08	-46.25	28.60	-70.83	-13.00	57.83	210	141	Horizontal
2	5256.2700	40.60	-45.17	32.02	-67.82	-13.00	54.82	123	255	Horizontal
3	7008.3600	39.30	-43.61	35.22	-64.34	-13.00	51.34	236	300	Horizontal
4	8760.4500	36.76	-41.42	36.42	-63.50	-13.00	50.50	256	1	Horizontal
5	10512.5400	33.33	-38.76	38.46	-62.23	-13.00	49.23	158	311	Horizontal
6	12262.6300	31.99	-37.44	38.88	-61.83	-13.00	48.83	192	323	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	41.96	-46.25	28.60	-70.95	-13.00	57.95	244	138	Vertical
2	5256.2700	40.60	-45.17	32.02	-67.82	-13.00	54.82	175	149	Vertical
3	7008.3600	39.38	-43.61	35.22	-64.26	-13.00	51.26	158	36	Vertical
4	8760.4500	37.20	-41.42	36.42	-63.06	-13.00	50.06	186	318	Vertical
5	10512.5400	33.49	-38.76	38.46	-62.07	-13.00	49.07	129	360	Vertical
6	12262.6300	31.62	-37.44	38.88	-62.20	-13.00	49.20	123	104	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Low ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.53	-46.28	28.54	-71.47	-13.00	58.47	241	268	Horizontal
2	5106.2700	40.51	-45.36	31.66	-68.46	-13.00	55.46	126	178	Horizontal
3	6808.3600	40.19	-44.16	34.86	-64.38	-13.00	51.38	159	20	Horizontal
4	8510.4500	36.75	-41.59	36.54	-63.55	-13.00	50.55	185	325	Horizontal
5	10212.5400	33.86	-39.45	38.31	-62.54	-13.00	49.54	153	64	Horizontal
6	11914.6300	31.96	-37.18	38.79	-61.69	-13.00	48.69	261	325	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.28	-46.28	28.54	-70.72	-13.00	57.72	174	48	Vertical
2	5106.2700	40.06	-45.36	31.66	-68.91	-13.00	55.91	153	138	Vertical
3	6808.3600	40.04	-44.16	34.86	-64.53	-13.00	51.53	261	251	Vertical
4	8510.4500	37.17	-41.59	36.54	-63.13	-13.00	50.13	152	24	Vertical
5	10212.5400	34.03	-39.45	38.31	-62.37	-13.00	49.37	185	360	Vertical
6	11914.6300	31.78	-37.18	38.79	-61.87	-13.00	48.87	143	274	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Mid ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	41.96	-46.27	28.57	-71.00	-13.00	58.00	256	0	Horizontal
2	5181.2700	40.89	-45.30	31.84	-67.83	-13.00	54.83	166	155	Horizontal
3	6908.3600	39.05	-44.05	35.04	-65.22	-13.00	52.22	192	165	Horizontal
4	8635.4500	37.07	-41.46	36.48	-63.17	-13.00	50.17	185	188	Horizontal
5	10362.5400	34.48	-39.04	38.38	-61.44	-13.00	48.44	172	4	Horizontal
6	12089.6300	32.45	-37.37	38.83	-61.35	-13.00	48.35	133	302	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	41.95	-46.27	28.57	-71.01	-13.00	58.01	255	92	Vertical
2	5181.2700	39.87	-45.30	31.84	-68.85	-13.00	55.85	148	253	Vertical
3	6908.3600	39.51	-44.05	35.04	-64.76	-13.00	51.76	175	14	Vertical
4	8635.4500	37.06	-41.46	36.48	-63.18	-13.00	50.18	186	185	Vertical
5	10362.5400	34.12	-39.04	38.38	-61.80	-13.00	48.80	266	356	Vertical
6	12089.6300	32.42	-37.37	38.83	-61.38	-13.00	48.38	215	331	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = High ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	41.58	-46.25	28.60	-71.33	-13.00	58.33	188	52	Horizontal
2	5256.2700	40.50	-45.17	32.02	-67.92	-13.00	54.92	179	0	Horizontal
3	7008.3600	39.39	-43.61	35.22	-64.25	-13.00	51.25	184	118	Horizontal
4	8760.4500	37.79	-41.42	36.42	-62.47	-13.00	49.47	186	52	Horizontal
5	10512.5400	33.24	-38.76	38.46	-62.32	-13.00	49.32	254	164	Horizontal
6	12262.6300	32.67	-37.44	38.88	-61.15	-13.00	48.15	126	356	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	41.96	-46.25	28.60	-70.95	-13.00	57.95	299	239	Vertical
2	5256.2700	40.29	-45.17	32.02	-68.13	-13.00	55.13	148	3	Vertical
3	7008.3600	39.63	-43.61	35.22	-64.01	-13.00	51.01	158	3	Vertical
4	8760.4500	36.74	-41.42	36.42	-63.52	-13.00	50.52	176	349	Vertical
5	10512.5400	33.91	-38.76	38.46	-61.65	-13.00	48.65	126	360	Vertical
6	12262.6300	32.64	-37.44	38.88	-61.18	-13.00	48.18	153	273	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Low ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.82	-46.28	28.54	-71.18	-13.00	58.18	211	108	Horizontal
2	5106.2700	40.48	-45.36	31.66	-68.49	-13.00	55.49	155	266	Horizontal
3	6808.3600	40.53	-44.16	34.86	-64.04	-13.00	51.04	142	0	Horizontal
4	8510.4500	37.09	-41.59	36.54	-63.21	-13.00	50.21	172	30	Horizontal
5	10212.5400	34.12	-39.45	38.31	-62.28	-13.00	49.28	103	212	Horizontal
6	11914.6300	32.15	-37.18	38.79	-61.50	-13.00	48.50	126	142	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.48	-46.28	28.54	-71.52	-13.00	58.52	244	274	Vertical
2	5106.2700	39.89	-45.36	31.66	-69.08	-13.00	56.08	178	229	Vertical
3	6808.3600	40.27	-44.16	34.86	-64.30	-13.00	51.30	186	36	Vertical
4	8510.4500	36.76	-41.59	36.54	-63.54	-13.00	50.54	256	356	Vertical
5	10212.5400	34.44	-39.45	38.31	-61.96	-13.00	48.96	153	36	Vertical
6	11914.6300	32.88	-37.18	38.79	-60.77	-13.00	47.77	216	284	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Mid ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.28	-46.27	28.57	-70.68	-13.00	57.68	244	0	Horizontal
2	5181.2700	39.67	-45.30	31.84	-69.05	-13.00	56.05	178	0	Horizontal
3	6908.3600	39.50	-44.05	35.04	-64.77	-13.00	51.77	186	108	Horizontal
4	8635.4500	37.33	-41.46	36.48	-62.91	-13.00	49.91	251	357	Horizontal
5	10362.5400	33.62	-39.04	38.38	-62.30	-13.00	49.30	156	1	Horizontal
6	12089.6300	33.00	-37.37	38.83	-60.80	-13.00	47.80	126	86	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.45	-46.27	28.57	-70.51	-13.00	57.51	288	81	Vertical
2	5181.2700	40.17	-45.30	31.84	-68.55	-13.00	55.55	156	115	Vertical
3	6908.3600	39.20	-44.05	35.04	-65.07	-13.00	52.07	216	137	Vertical
4	8635.4500	37.30	-41.46	36.48	-62.94	-13.00	49.94	198	350	Vertical
5	10362.5400	34.47	-39.04	38.38	-61.45	-13.00	48.45	175	161	Vertical
6	12089.6300	32.67	-37.37	38.83	-61.13	-13.00	48.13	155	184	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = High ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	41.80	-46.25	28.60	-71.11	-13.00	58.11	244	200	Horizontal
2	5256.2700	40.30	-45.17	32.02	-68.12	-13.00	55.12	178	132	Horizontal
3	7008.3600	39.26	-43.61	35.22	-64.38	-13.00	51.38	154	223	Horizontal
4	8760.4500	37.51	-41.42	36.42	-62.75	-13.00	49.75	163	1	Horizontal
5	10512.5400	33.23	-38.76	38.46	-62.33	-13.00	49.33	259	346	Horizontal
6	12262.6300	32.75	-37.44	38.88	-61.07	-13.00	48.07	115	156	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	43.16	-46.25	28.60	-69.75	-13.00	56.75	266	359	Vertical
2	5256.2700	40.36	-45.17	32.02	-68.06	-13.00	55.06	254	25	Vertical
3	7008.3600	38.99	-43.61	35.22	-64.65	-13.00	51.65	188	284	Vertical
4	8760.4500	37.31	-41.42	36.42	-62.95	-13.00	49.95	199	171	Vertical
5	10512.5400	33.57	-38.76	38.46	-61.99	-13.00	48.99	112	340	Vertical
6	12262.6300	32.91	-37.44	38.88	-60.91	-13.00	47.91	145	349	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Low ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.22	-46.28	28.54	-71.78	-13.00	58.78	174	164	Horizontal
2	5106.2700	40.44	-45.36	31.66	-68.53	-13.00	55.53	156	27	Horizontal
3	6808.3600	39.60	-44.16	34.86	-64.97	-13.00	51.97	142	0	Horizontal
4	8510.4500	36.88	-41.59	36.54	-63.42	-13.00	50.42	123	0	Horizontal
5	10212.5400	33.87	-39.45	38.31	-62.53	-13.00	49.53	261	27	Horizontal
6	11914.6300	32.09	-37.18	38.79	-61.56	-13.00	48.56	152	95	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	41.42	-46.28	28.54	-71.58	-13.00	58.58	211	58	Vertical
2	5106.2700	40.20	-45.36	31.66	-68.77	-13.00	55.77	154	171	Vertical
3	6808.3600	40.59	-44.16	34.86	-63.98	-13.00	50.98	144	285	Vertical
4	8510.4500	37.02	-41.59	36.54	-63.28	-13.00	50.28	156	360	Vertical
5	10212.5400	34.42	-39.45	38.31	-61.98	-13.00	48.98	126	24	Vertical
6	11914.6300	32.20	-37.18	38.79	-61.45	-13.00	48.45	231	205	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Mid ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.06	-46.27	28.57	-70.90	-13.00	57.90	147	211	Horizontal
2	5181.2700	41.05	-45.30	31.84	-67.67	-13.00	54.67	185	0	Horizontal
3	6908.3600	39.09	-44.05	35.04	-65.18	-13.00	52.18	133	132	Horizontal
4	8635.4500	37.00	-41.46	36.48	-63.24	-13.00	50.24	261	257	Horizontal
5	10362.5400	34.16	-39.04	38.38	-61.76	-13.00	48.76	159	120	Horizontal
6	12089.6300	32.53	-37.37	38.83	-61.27	-13.00	48.27	186	289	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.49	-46.27	28.57	-70.47	-13.00	57.47	155	25	Vertical
2	5181.2700	41.02	-45.30	31.84	-67.70	-13.00	54.70	215	350	Vertical
3	6908.3600	39.50	-44.05	35.04	-64.77	-13.00	51.77	147	229	Vertical
4	8635.4500	36.89	-41.46	36.48	-63.35	-13.00	50.35	186	360	Vertical
5	10362.5400	34.29	-39.04	38.38	-61.63	-13.00	48.63	159	360	Vertical
6	12089.6300	32.17	-37.37	38.83	-61.63	-13.00	48.63	182	37	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = High ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.41	-46.25	28.60	-70.50	-13.00	57.50	211	130	Horizontal
2	5256.2700	40.58	-45.17	32.02	-67.84	-13.00	54.84	144	107	Horizontal
3	7008.3600	39.53	-43.61	35.22	-64.11	-13.00	51.11	163	356	Horizontal
4	8760.4500	37.75	-41.42	36.42	-62.51	-13.00	49.51	251	356	Horizontal
5	10512.5400	34.25	-38.76	38.46	-61.31	-13.00	48.31	180	96	Horizontal
6	12262.6300	33.14	-37.44	38.88	-60.68	-13.00	47.68	170	175	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.09	-46.25	28.60	-70.82	-13.00	57.82	266	251	Vertical
2	5256.2700	41.12	-45.17	32.02	-67.30	-13.00	54.30	211	127	Vertical
3	7008.3600	39.48	-43.61	35.22	-64.16	-13.00	51.16	154	341	Vertical
4	8760.4500	37.00	-41.42	36.42	-63.26	-13.00	50.26	172	194	Vertical
5	10512.5400	33.80	-38.76	38.46	-61.76	-13.00	48.76	143	92	Vertical
6	12262.6300	33.26	-37.44	38.88	-60.56	-13.00	47.56	126	171	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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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	132322	100RB#0	VL	NT	-1.80	-0.001032	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-1.40	-0.000802	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.10	-0.000630	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-0.50	-0.000287	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.00	0.000000	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-1.50	-0.000860	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.60	0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.40	-0.000802	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-2.90	-0.001662	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	0.50	0.000287	PASS

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