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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.52	22.69	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.37	22.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.39	22.56	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.42	22.59	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.41	22.58	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.4	22.57	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.42	21.59	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.51	22.68	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.41	22.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.34	22.51	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.39	22.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.4	22.57	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.39	22.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.41	21.58	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.45	22.62	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.33	22.50	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.31	22.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.29	22.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.32	22.49	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.33	22.50	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.28	21.45	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.5	21.67	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.57	21.74	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.48	21.65	38.45	PASS



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Band5	1.4MHz	16QAM	20407	3RB#0	22.41	21.58	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.39	21.56	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.52	21.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.37	20.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.52	21.69	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.58	21.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.49	21.66	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.48	21.65	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.49	21.66	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.36	21.53	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.39	20.56	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.45	21.62	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.5	21.67	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.49	21.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.25	21.42	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.4	21.57	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.38	21.55	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.3	20.47	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.56	20.73	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.58	20.75	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.55	20.72	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.41	20.58	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.47	20.64	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.52	20.69	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.38	19.55	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.59	20.76	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.61	20.78	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.58	20.75	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.43	20.60	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.43	20.60	38.45	PASS



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Band5	1.4MHz	64QAM	20525	3RB#3	21.43	20.6	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.31	19.48	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.39	20.56	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.5	20.67	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.49	20.66	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.33	20.5	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.36	20.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.36	20.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.24	19.41	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	18.53	17.7	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	18.53	17.7	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	18.52	17.69	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#0	18.56	17.73	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#1	18.52	17.69	38.45	PASS
Band5	1.4MHz	256QAM	20407	3RB#3	18.53	17.7	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	18.4	17.57	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	18.44	17.61	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	18.53	17.7	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	18.42	17.59	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#0	18.41	17.58	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#1	18.42	17.59	38.45	PASS
Band5	1.4MHz	256QAM	20525	3RB#3	18.37	17.54	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	18.32	17.49	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	18.31	17.48	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	18.39	17.56	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	18.32	17.49	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#0	18.28	17.45	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#1	18.35	17.52	38.45	PASS
Band5	1.4MHz	256QAM	20643	3RB#3	18.33	17.5	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	18.13	17.3	38.45	PASS



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Band5	3MHz	QPSK	20415	1RB#0	23.43	22.6	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.43	22.6	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.42	22.59	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.46	21.63	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.39	21.56	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.44	21.61	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.45	21.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.32	22.49	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.37	22.54	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.37	22.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.39	21.56	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.41	21.58	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.41	21.58	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.4	21.57	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.13	22.3	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.25	22.42	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.31	22.48	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.3	21.47	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.28	21.45	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.28	21.45	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.31	21.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.6	21.77	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.54	21.71	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.54	21.71	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.47	20.64	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.38	20.55	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.46	20.63	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.42	20.59	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.56	21.73	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.55	21.72	38.45	PASS



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Band5	3MHz	16QAM	20525	1RB#14	22.46	21.63	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.38	20.55	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.42	20.59	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.41	20.58	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.37	20.54	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.45	21.62	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.38	21.55	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.49	21.66	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.3	20.47	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.28	20.45	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.28	20.45	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.26	20.43	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.58	20.75	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.56	20.73	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.64	20.81	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.46	19.63	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.38	19.55	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.44	19.61	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.43	19.6	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.47	20.64	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.54	20.71	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.54	20.71	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.41	19.58	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.42	19.59	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.43	19.6	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.43	19.6	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.42	20.59	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.44	20.61	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.5	20.67	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.32	19.49	38.45	PASS



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Band5	3MHz	64QAM	20635	8RB#7	20.24	19.41	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.31	19.48	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	18.56	17.73	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	18.57	17.74	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	18.45	17.62	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#0	18.53	17.7	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#4	18.43	17.6	38.45	PASS
Band5	3MHz	256QAM	20415	8RB#7	18.49	17.66	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	18.5	17.67	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	18.43	17.6	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	18.41	17.58	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	18.4	17.57	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#0	18.34	17.51	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#4	18.35	17.52	38.45	PASS
Band5	3MHz	256QAM	20525	8RB#7	18.37	17.54	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	18.33	17.5	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	18.27	17.44	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	18.26	17.43	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	18.33	17.5	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#0	18.26	17.43	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#4	18.21	17.38	38.45	PASS
Band5	3MHz	256QAM	20635	8RB#7	18.23	17.4	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	18.22	17.39	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.46	22.63	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.47	22.64	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.48	22.65	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.46	21.63	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.43	21.6	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.36	21.53	38.45	PASS



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Band5	5MHz	QPSK	20425	25RB#0	22.45	21.62	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.45	22.62	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.47	22.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.42	22.59	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.39	21.56	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.41	21.58	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.36	21.53	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.41	21.58	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.52	20.69	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.31	22.48	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.38	22.55	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.35	21.52	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.29	21.46	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.2	21.37	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.28	21.45	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.65	21.82	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.61	21.78	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.67	21.84	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.45	20.62	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.45	20.62	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.41	20.58	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.42	20.59	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.61	21.78	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.64	21.81	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.52	21.69	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.44	20.61	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.39	20.56	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.37	20.54	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.42	20.59	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.51	21.68	38.45	PASS



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Band5	5MHz	16QAM	20625	1RB#12	22.44	21.61	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.5	21.67	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.3	20.47	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.31	20.48	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.23	20.4	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.25	20.42	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.65	20.82	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.63	20.8	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.62	20.79	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.43	19.6	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.38	19.55	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.43	19.6	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.38	19.55	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.63	20.8	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.62	20.79	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.55	20.72	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.4	19.57	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.36	19.53	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.31	19.48	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.37	19.54	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.5	20.67	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.42	20.59	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.5	20.67	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.29	19.46	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.29	19.46	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.19	19.36	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.24	19.41	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	18.59	17.76	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	18.57	17.74	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	18.42	17.59	38.45	PASS



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Band5	5MHz	256QAM	20425	12RB#0	18.5	17.67	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#6	18.46	17.63	38.45	PASS
Band5	5MHz	256QAM	20425	12RB#13	18.3	17.47	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	18.5	17.67	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	18.41	17.58	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	18.48	17.65	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	18.42	17.59	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#0	18.31	17.48	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#6	18.29	17.46	38.45	PASS
Band5	5MHz	256QAM	20525	12RB#13	18.24	17.41	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	18.31	17.48	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	18.4	17.57	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	18.32	17.49	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	18.36	17.53	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#0	18.24	17.41	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#6	18.23	17.4	38.45	PASS
Band5	5MHz	256QAM	20625	12RB#13	18.1	17.27	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	18.19	17.36	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.45	22.62	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.47	22.64	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.38	22.55	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.42	21.59	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.47	21.64	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.36	21.53	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.42	21.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.84	23.01	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.44	22.61	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.31	22.48	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.48	21.65	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.39	21.56	38.45	PASS



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Band5	10MHz	QPSK	20525	25RB#25	22.4	21.57	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.44	21.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.42	22.59	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.37	22.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.35	22.52	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.23	21.4	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.31	21.48	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.25	21.42	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.25	21.42	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.54	21.71	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.62	21.79	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.55	21.72	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.45	20.62	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.4	20.57	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.39	20.56	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.4	20.57	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.6	21.77	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.64	21.81	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.45	21.62	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.49	20.66	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.38	20.55	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.4	20.57	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.43	20.6	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.49	21.66	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.51	21.68	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.5	21.67	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.27	20.44	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.28	20.45	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.26	20.43	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.24	20.41	38.45	PASS



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Band5	10MHz	64QAM	20450	1RB#0	21.62	20.79	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.61	20.78	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.54	20.71	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.39	19.56	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.38	19.55	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.31	19.48	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.39	19.56	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.63	20.8	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.61	20.78	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.53	20.7	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.45	19.62	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.35	19.52	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.35	19.52	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.39	19.56	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.56	20.73	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.5	20.67	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.52	20.69	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.17	19.34	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.29	19.46	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.21	19.38	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.22	19.39	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	18.52	17.69	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	18.5	17.67	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	18.43	17.6	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#0	18.5	17.67	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#12	18.38	17.55	38.45	PASS
Band5	10MHz	256QAM	20450	25RB#25	18.27	17.44	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	18.33	17.5	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	18.48	17.65	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	18.53	17.7	38.45	PASS



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Band5	10MHz	256QAM	20525	1RB#49	18.33	17.5	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#0	18.42	17.59	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#12	18.28	17.45	38.45	PASS
Band5	10MHz	256QAM	20525	25RB#25	18.31	17.48	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	18.29	17.46	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	18.41	17.58	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	18.39	17.56	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	18.35	17.52	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#0	18.16	17.33	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#12	18.22	17.39	38.45	PASS
Band5	10MHz	256QAM	20600	25RB#25	18.16	17.33	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	18.15	17.32	38.45	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.40	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.24	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.04	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.14	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.96	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.42	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.36	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.38	13	PASS
Band5	10MHz	256QAM	20450	50RB#0	6.58	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.46	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.48	13	PASS



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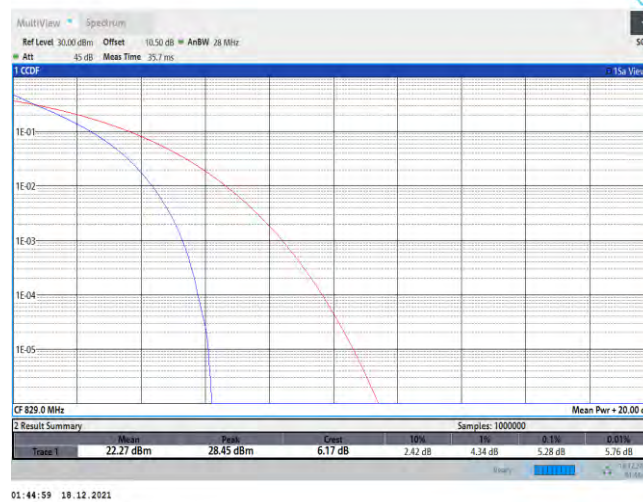
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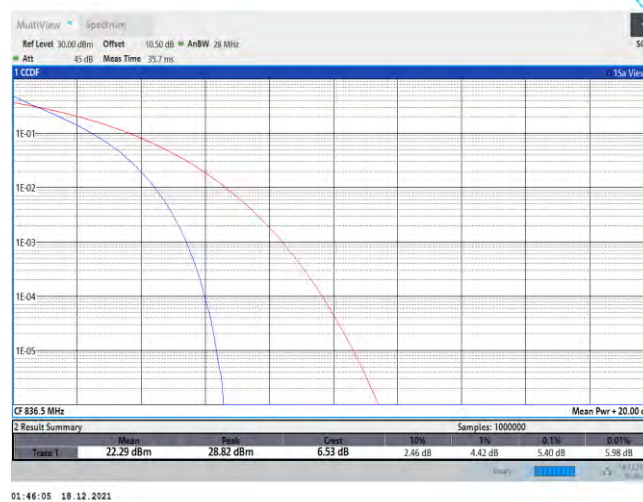
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Test Graphs

Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



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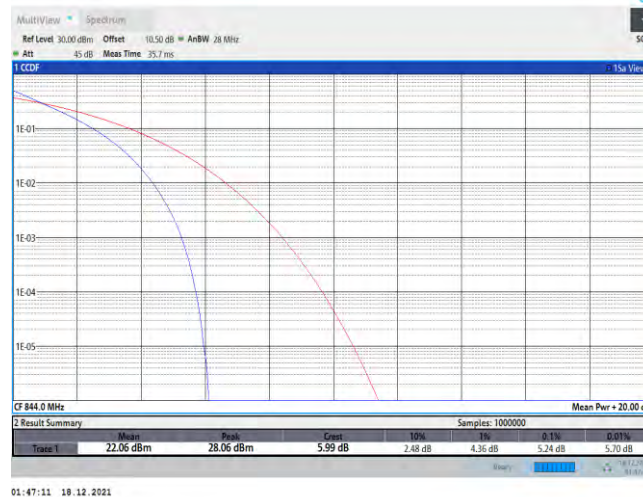
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Band5-10MHz-16QAM-20450-50RB#0



01:48:16 18.12.2021



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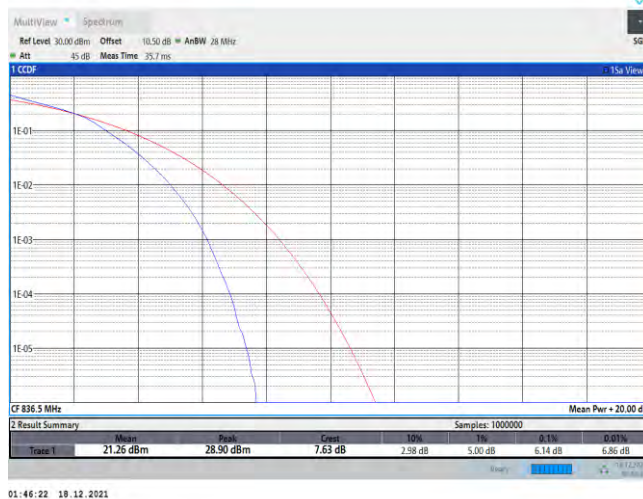
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Band5-10MHz-16QAM-20525-50RB#0



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Band5-10MHz-16QAM-20600-50RB#0



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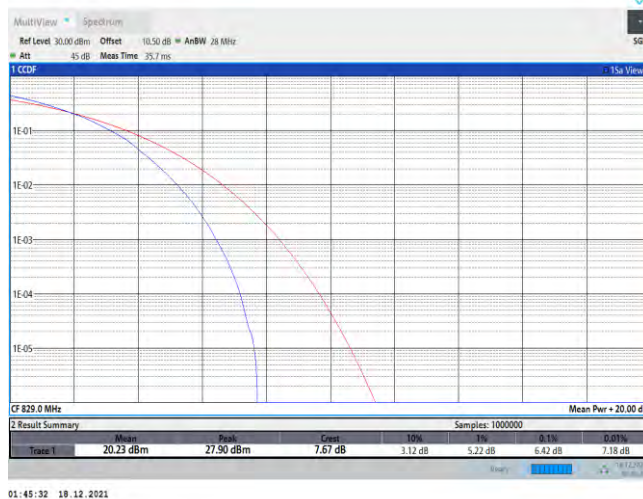
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Band5-10MHz-64QAM-20450-50RB#0



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Band5-10MHz-64QAM-20525-50RB#0



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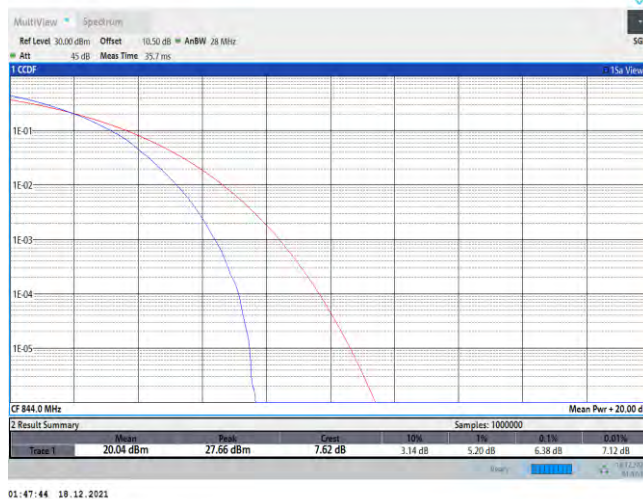
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Band5-10MHz-256QAM-20450-50RB#0



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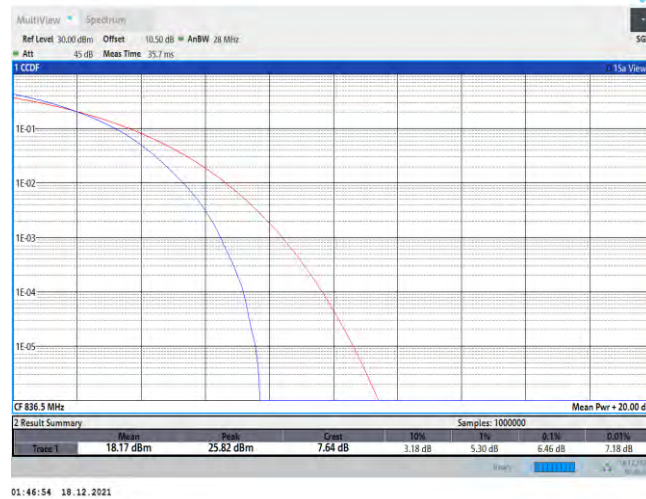
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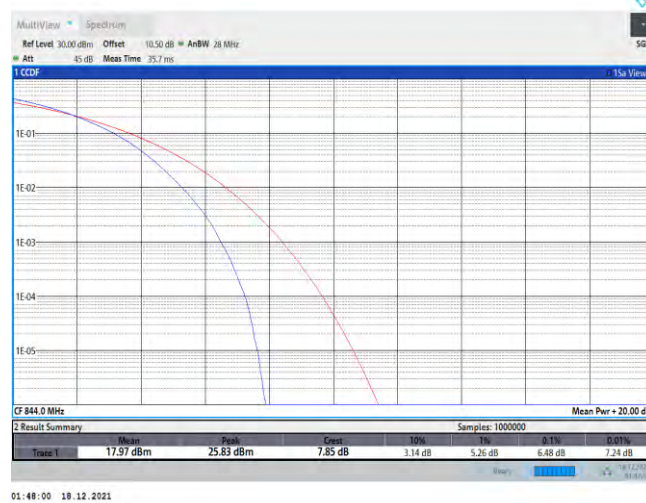
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Band5-10MHz-256QAM-20525-50RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	64QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	256QAM	20525	50RB#0	PASS	PASS



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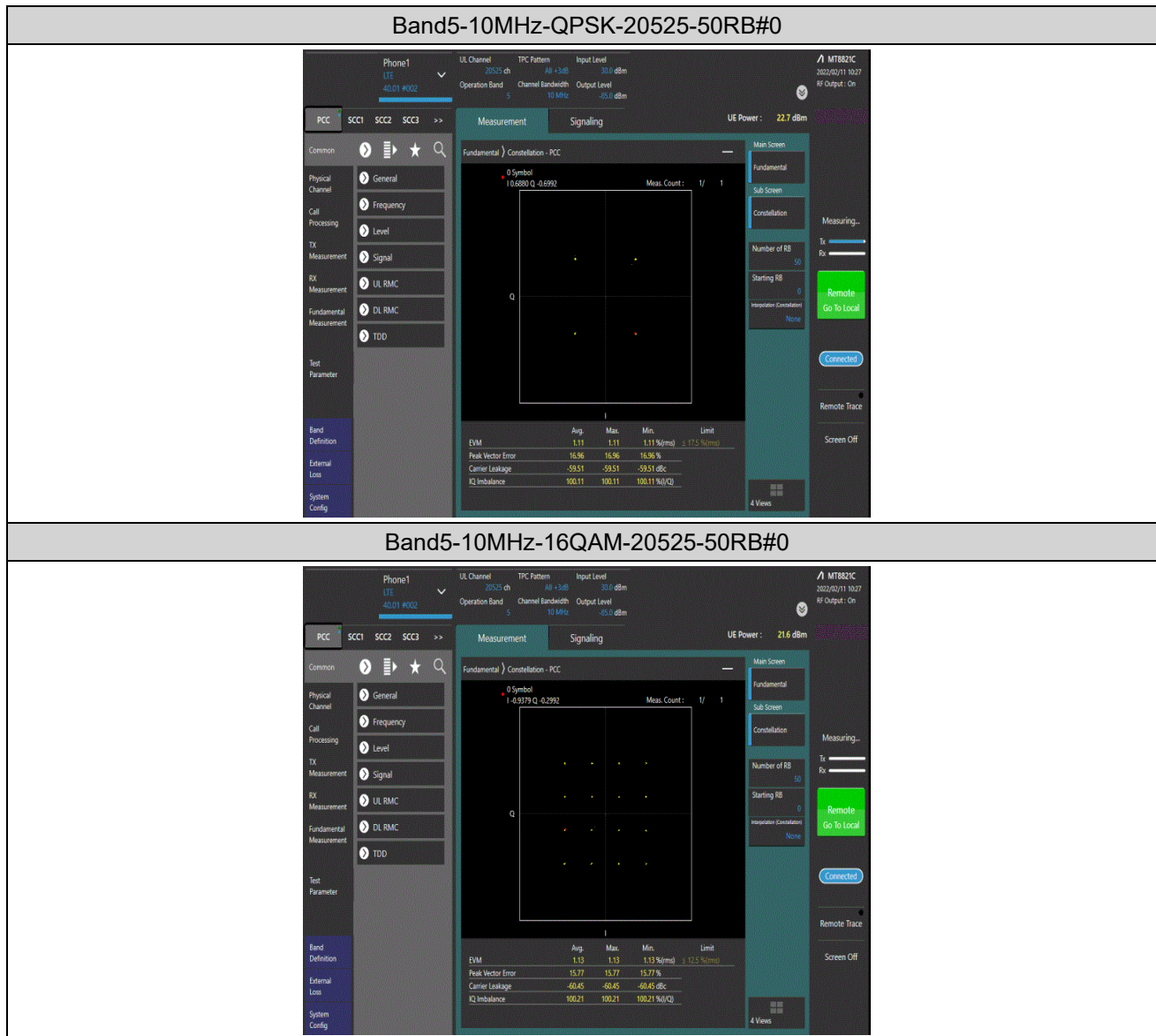
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Test Graphs



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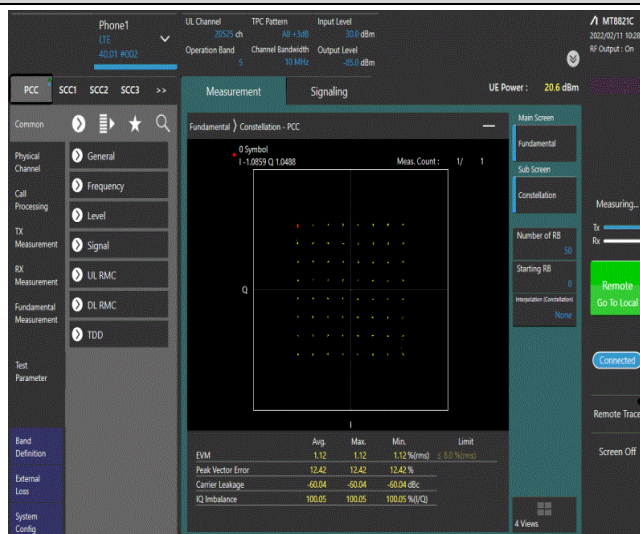
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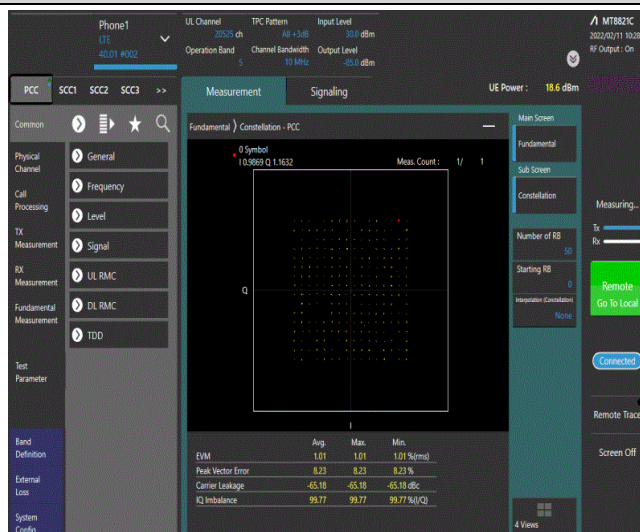
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Band5-10MHz-256QAM-20525-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.093	1.28	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.093	1.27	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.093	1.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.093	1.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.093	1.31	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.093	1.30	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.094	1.31	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.095	1.31	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.094	1.30	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.086	1.28	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.086	1.28	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.086	1.28	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.699	2.952	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	2.958	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.694	2.928	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.691	2.928	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.690	2.934	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.686	2.934	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.693	2.910	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.689	2.916	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.686	2.922	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.687	2.940	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.689	2.946	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.689	2.946	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.460	4.920	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.473	4.740	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.468	4.800	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.463	4.880	PASS



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Band5	5MHz	16QAM	20525	25RB#0	4.465	4.840	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.461	4.850	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.468	4.870	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.472	4.880	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.467	4.860	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.469	4.830	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.466	4.840	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.468	4.810	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.930	9.700	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.950	9.640	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.600	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.919	9.640	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.939	9.720	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.916	9.700	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.932	9.660	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.941	9.680	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.908	9.600	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.927	9.580	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.933	9.620	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.915	9.560	PASS



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Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



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Band5-1.4MHz-16QAM-20407-6RB#0



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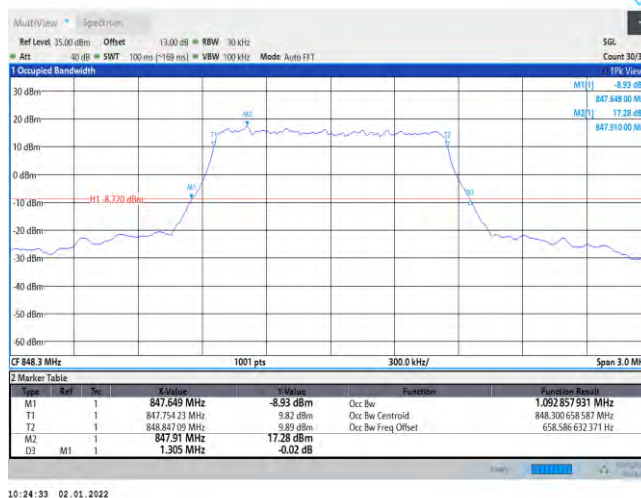
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Band5-1.4MHz-16QAM-20525-6RB#0



10:23:19 02.01.2022

Band5-1.4MHz-16QAM-20643-6RB#0



10:24:33 02.01.2022



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10:22:24 02.01.2022

Band5-1.4MHz-64QAM-20525-6RB#0



10:23:38 02.01.2022



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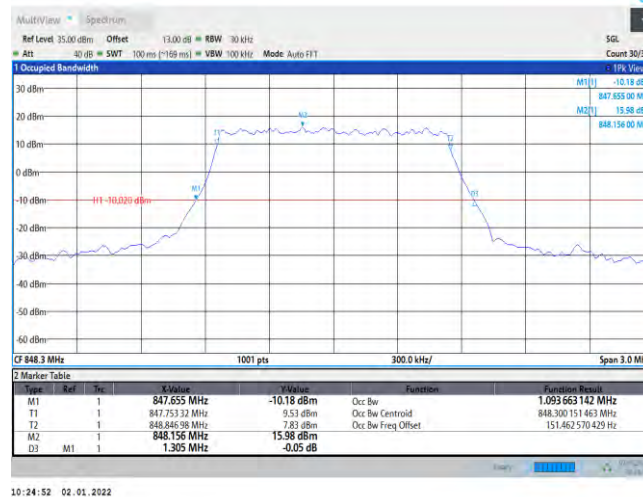
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Band5-1.4MHz-256QAM-20407-6RB#0



10:22:42 02.01.2022



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Band5-1.4MHz-256QAM-20643-6RB#0



10:25:10 02.01.2022



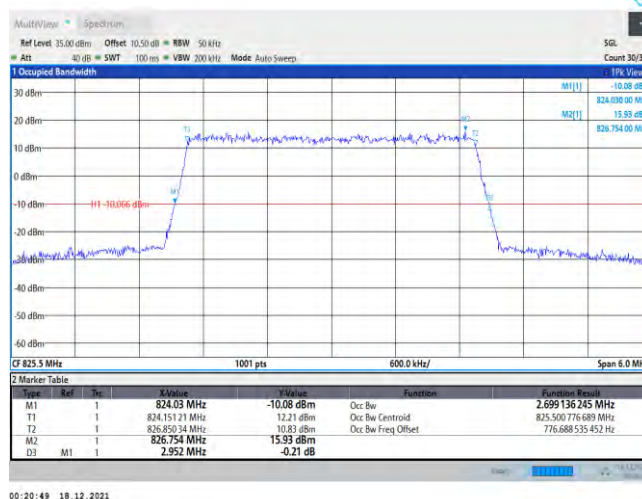
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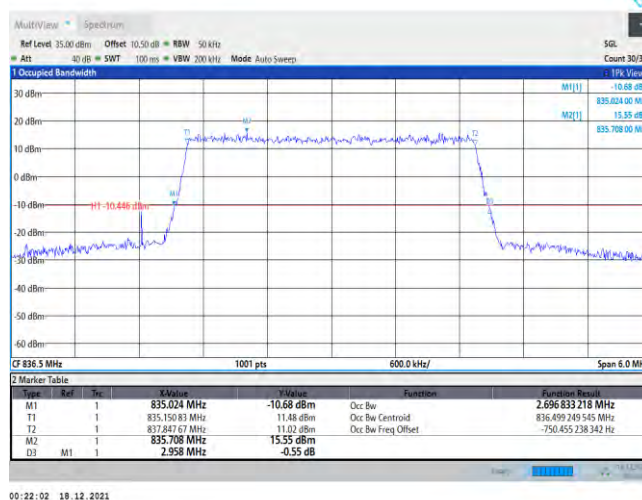
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



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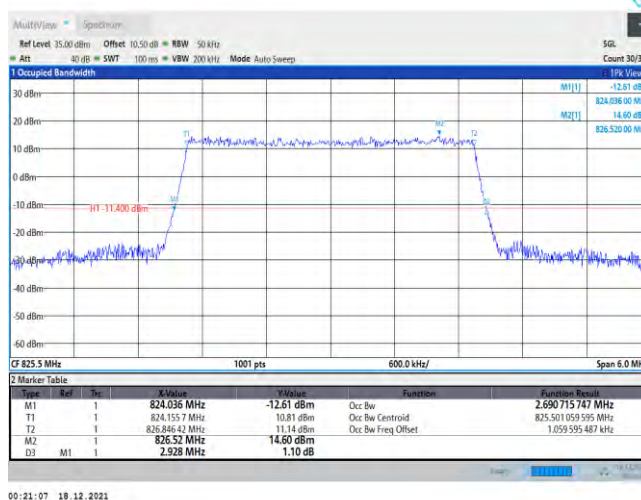
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Band5-3MHz-QPSK-20635-15RB#0



00:23:14 18.12.2021

Band5-3MHz-16QAM-20415-15RB#0



00:21:07 18.12.2021



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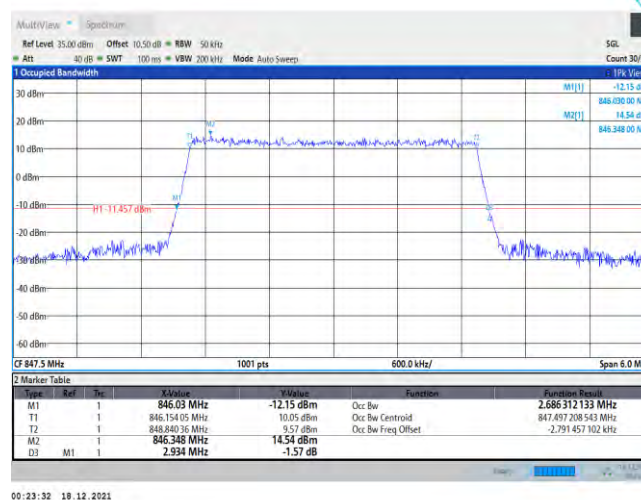
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Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



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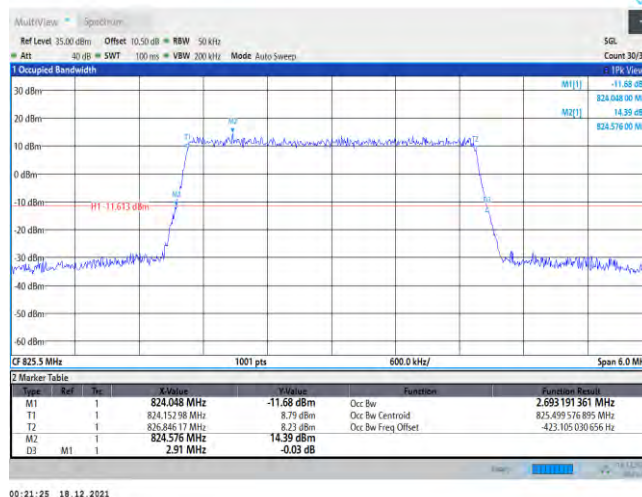
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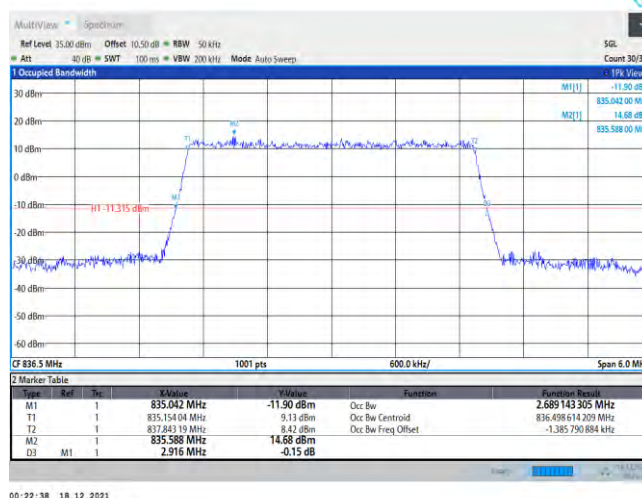
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Band5-3MHz-64QAM-20415-15RB#0



Band5-3MHz-64QAM-20525-15RB#0



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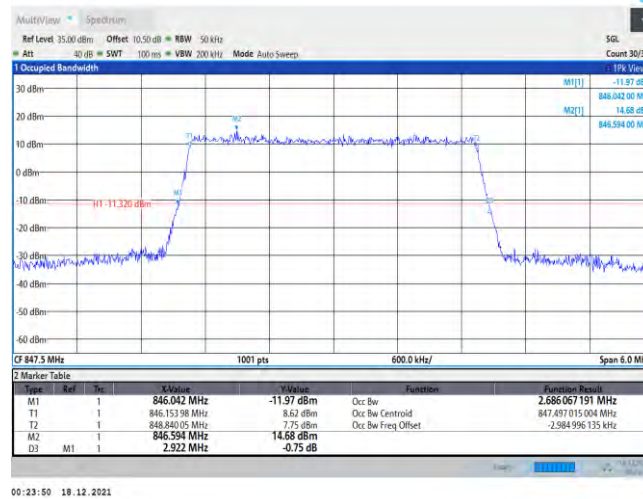
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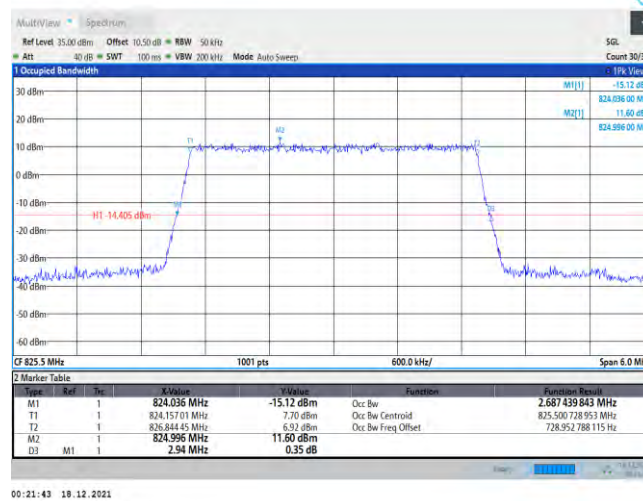
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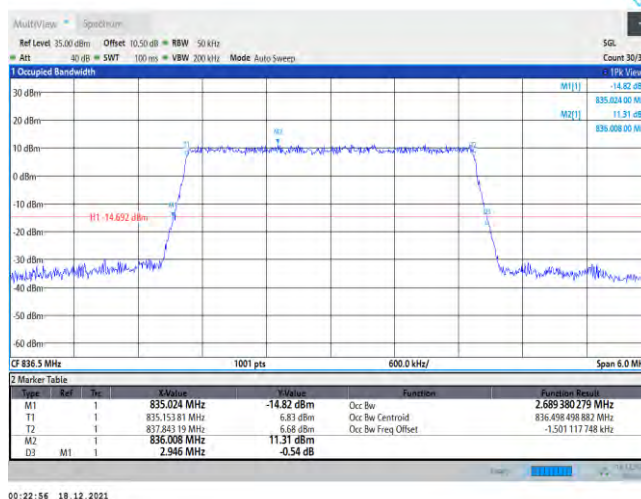
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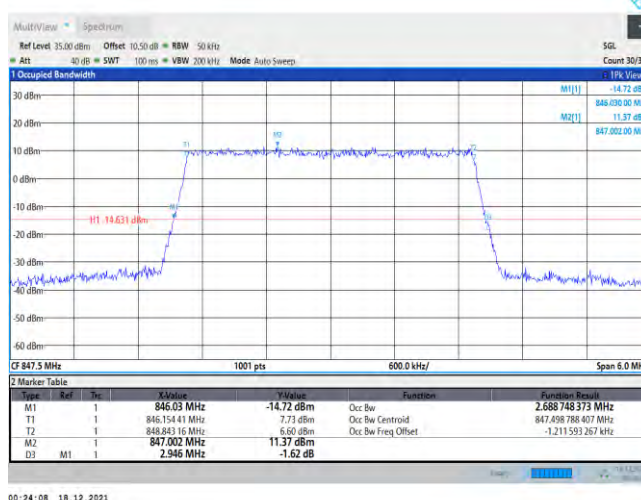
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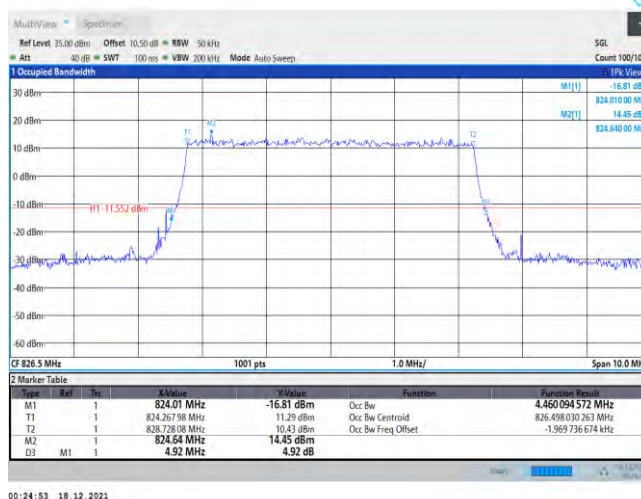
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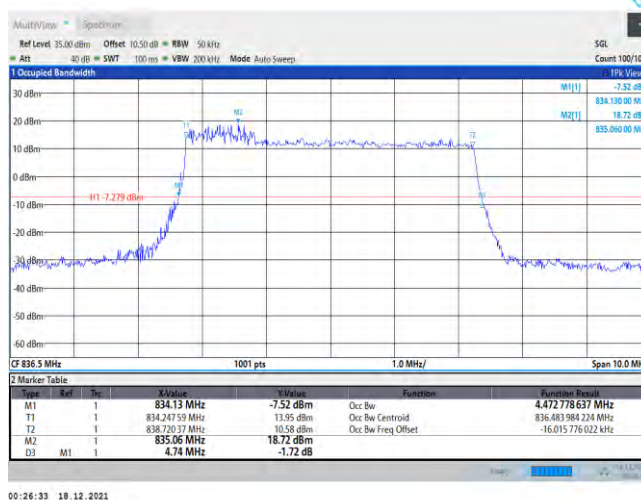
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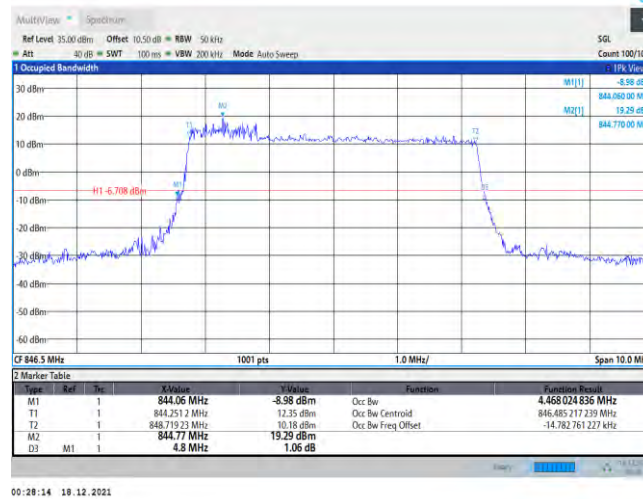
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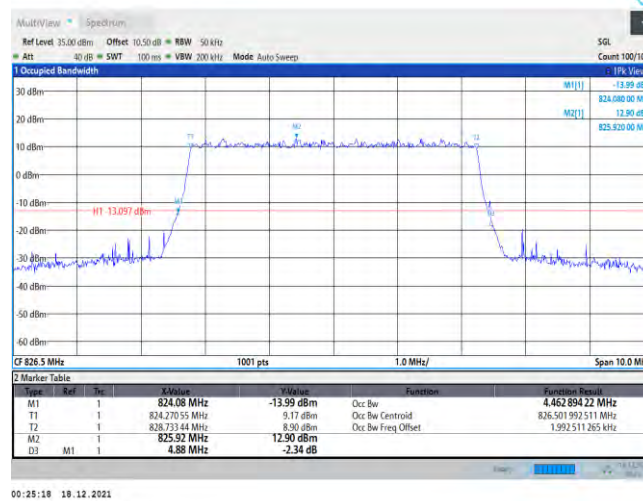
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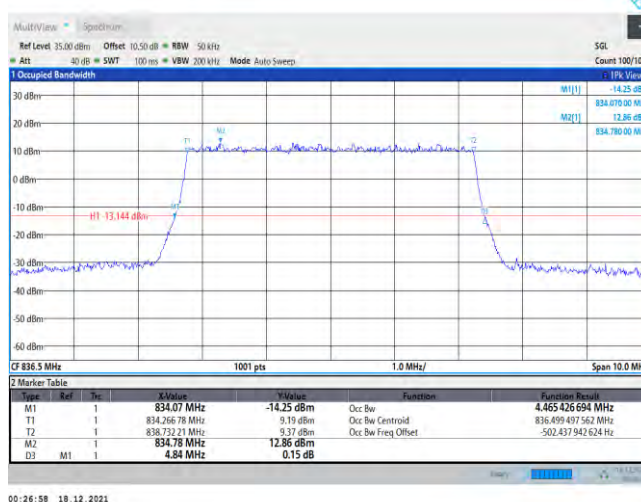
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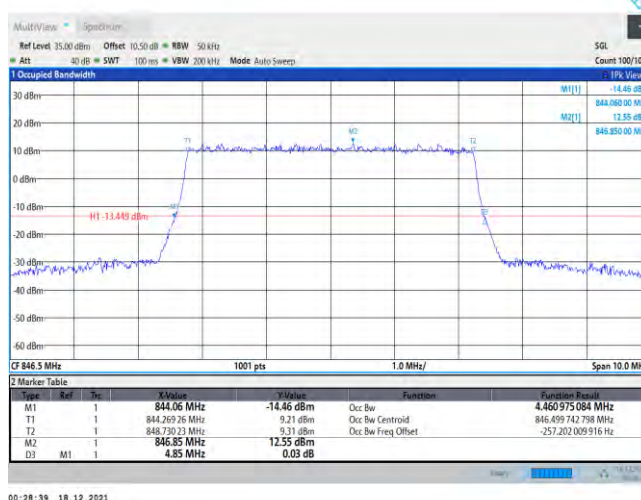
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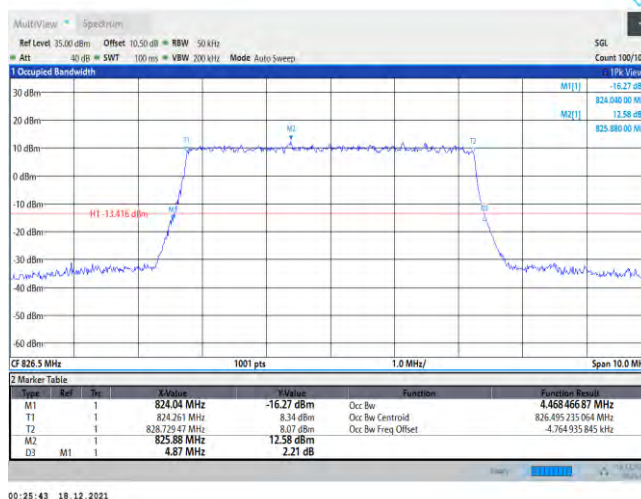
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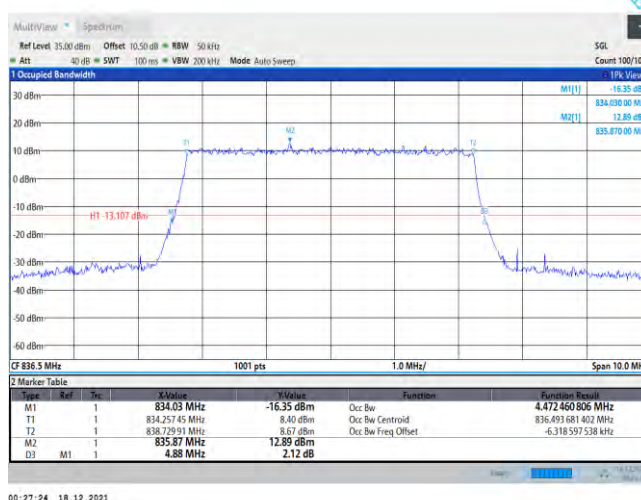
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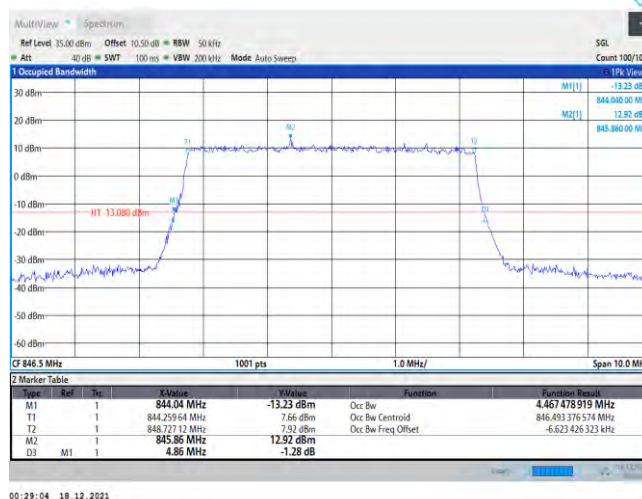
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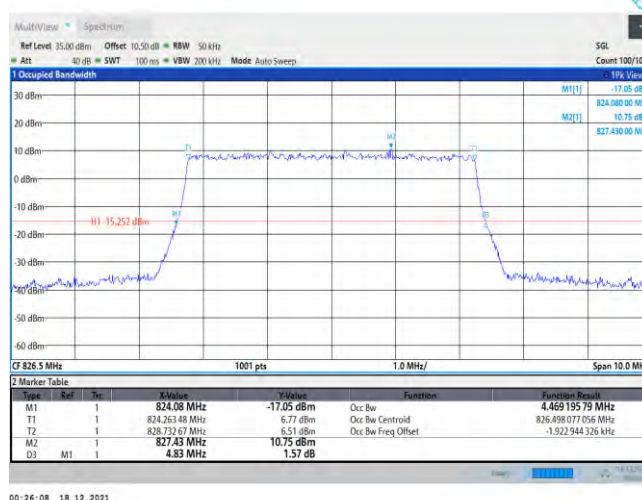
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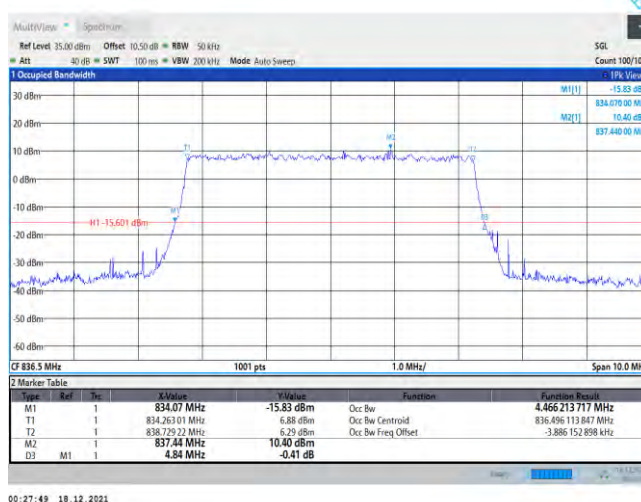
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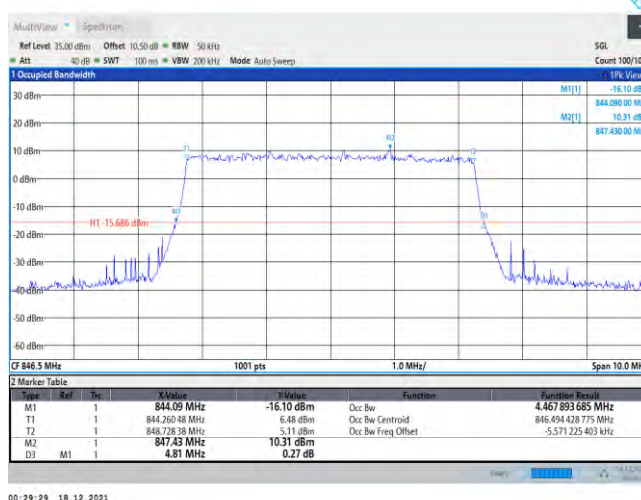
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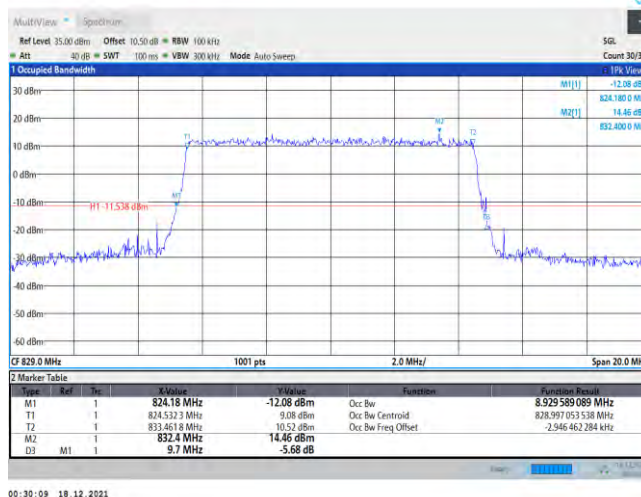
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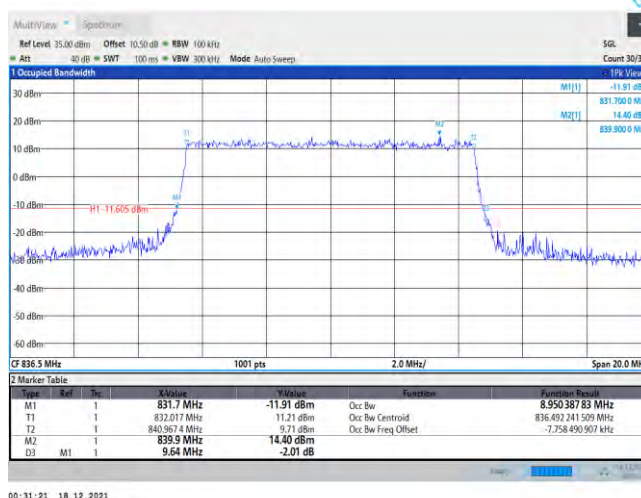
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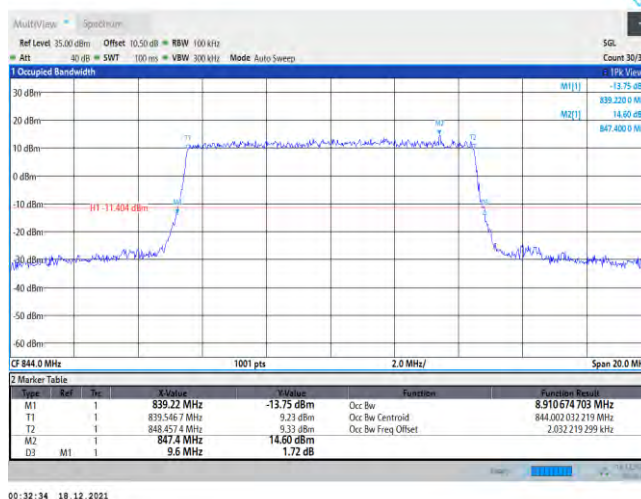
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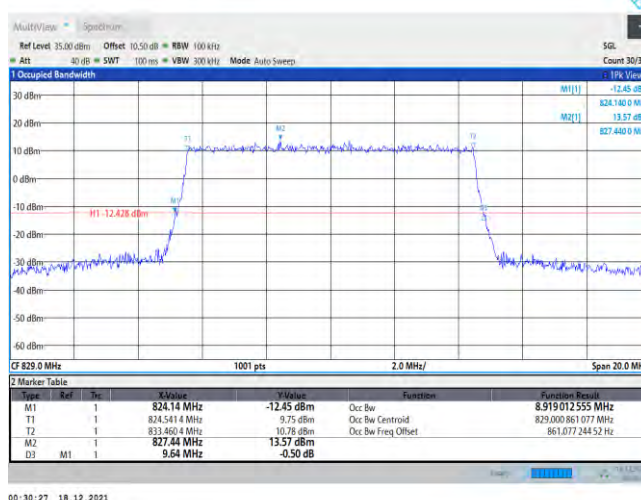
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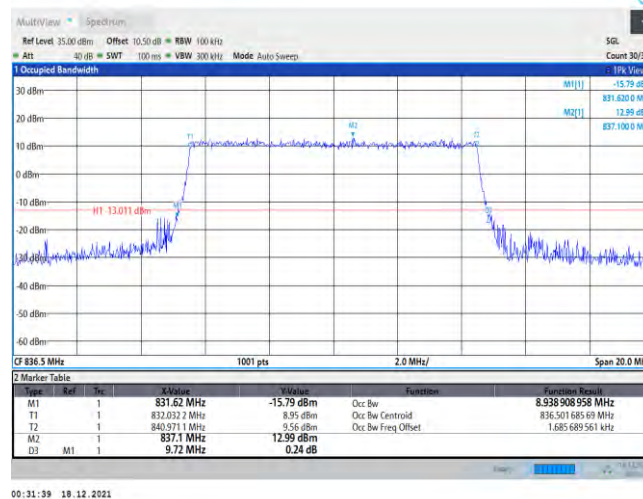


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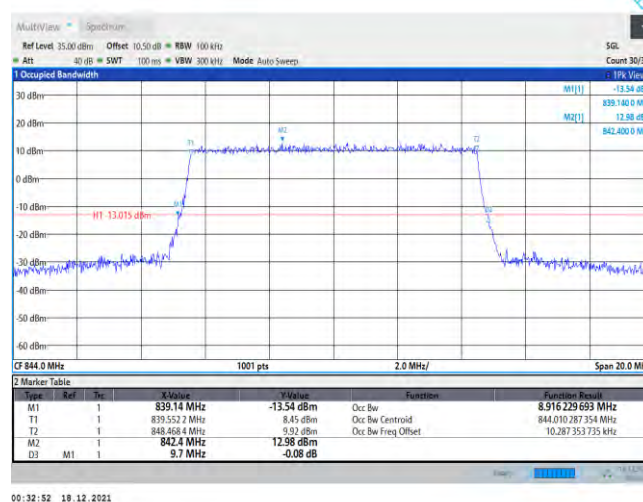
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Band5-10MHz-16QAM-20600-50RB#0



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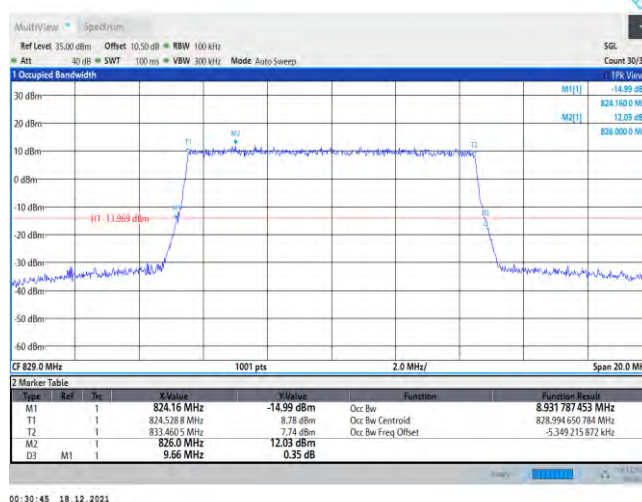
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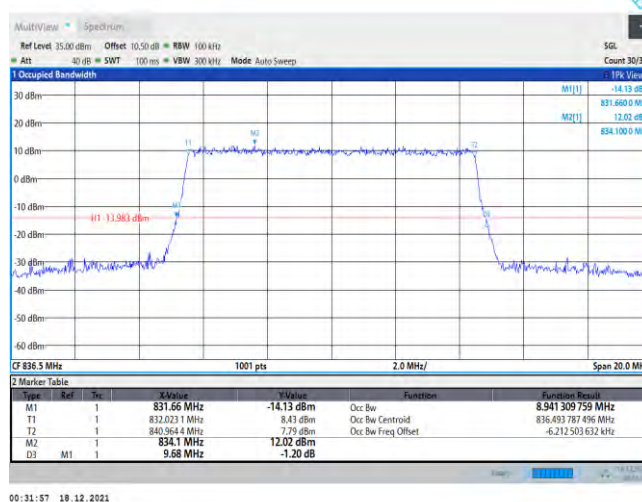
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Band5-10MHz-64QAM-20450-50RB#0



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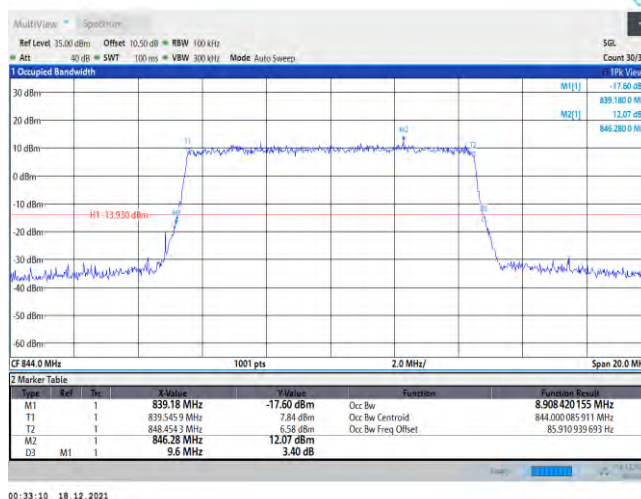
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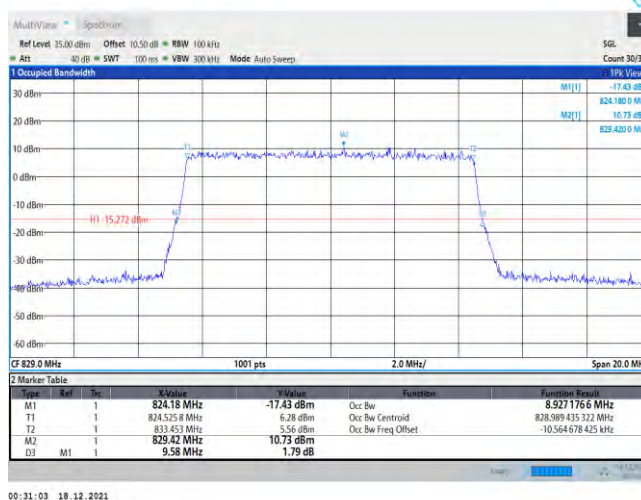
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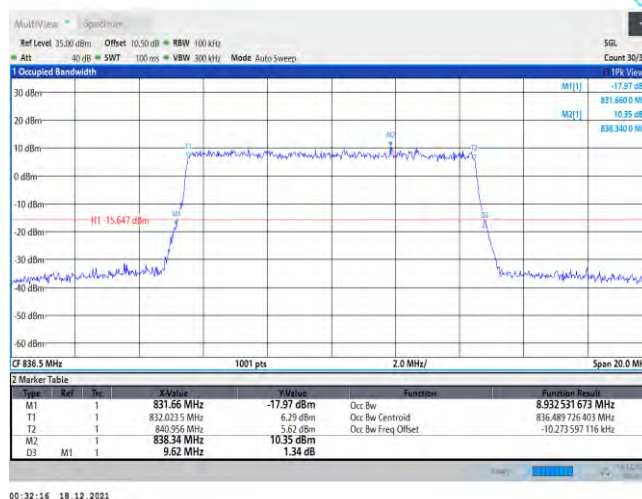
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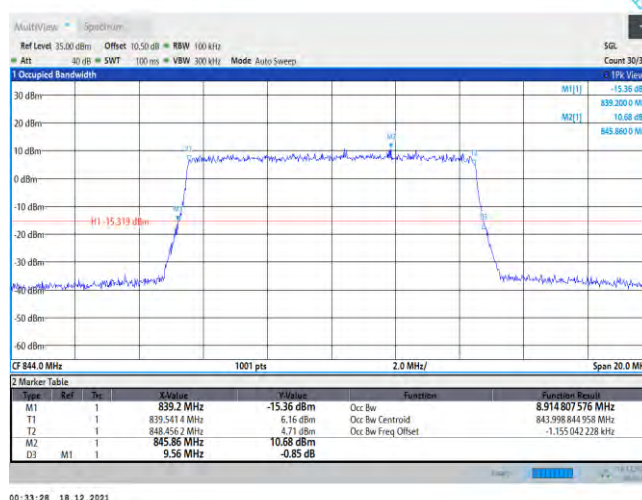
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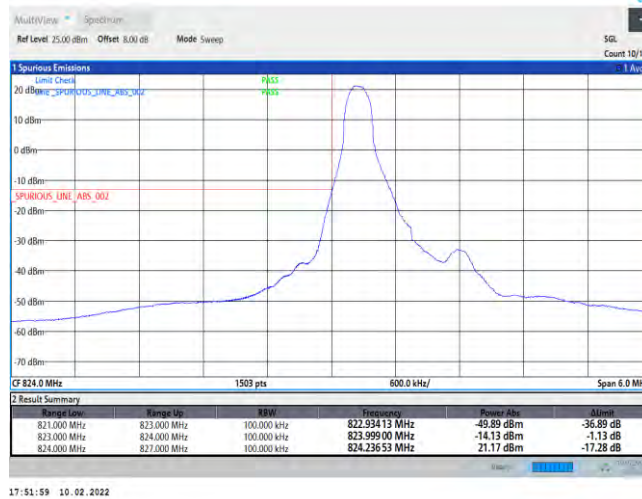
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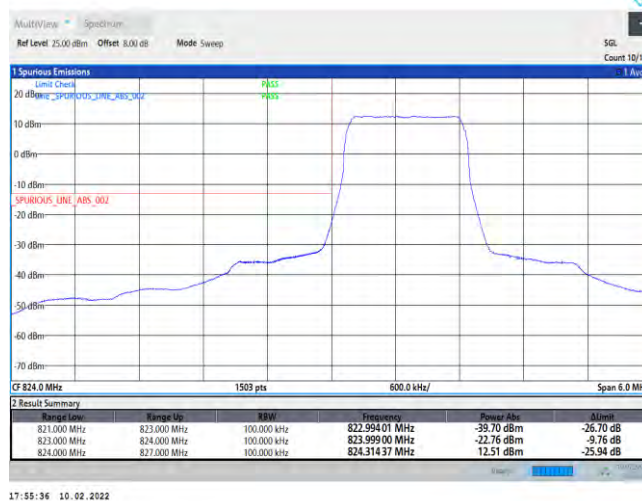
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Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



Band5-1.4MHz-QPSK-20407-6RB#0



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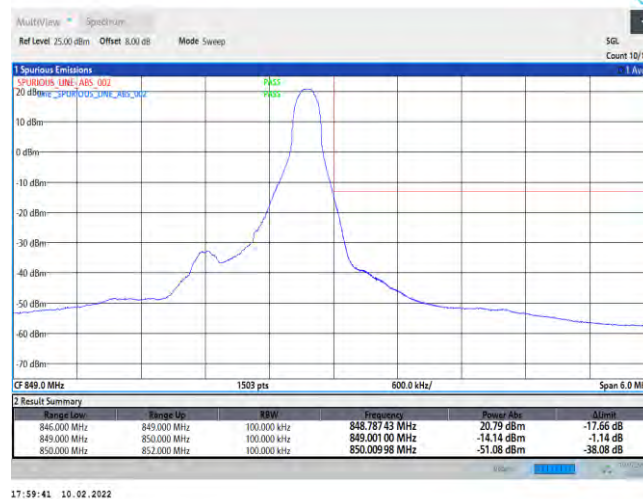
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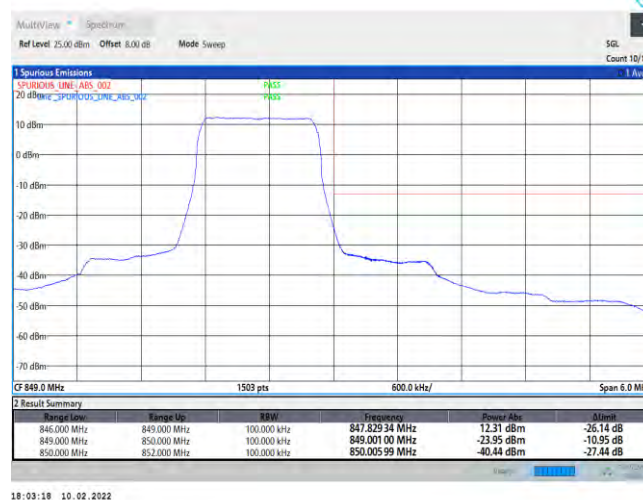
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Band5-1.4MHz-QPSK-20643-6RB#0



18:03:18 10.02.2022



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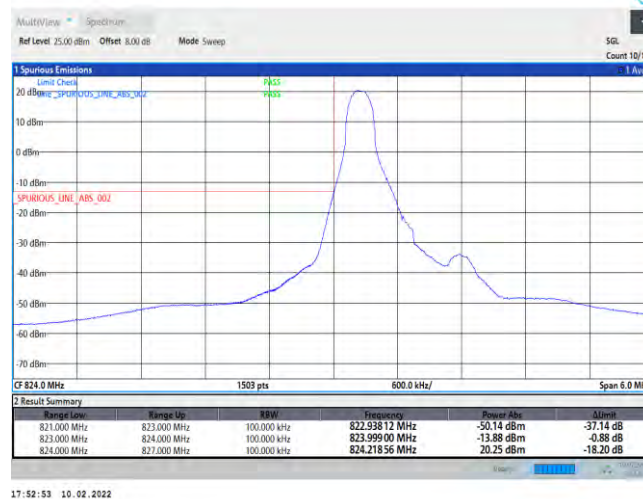
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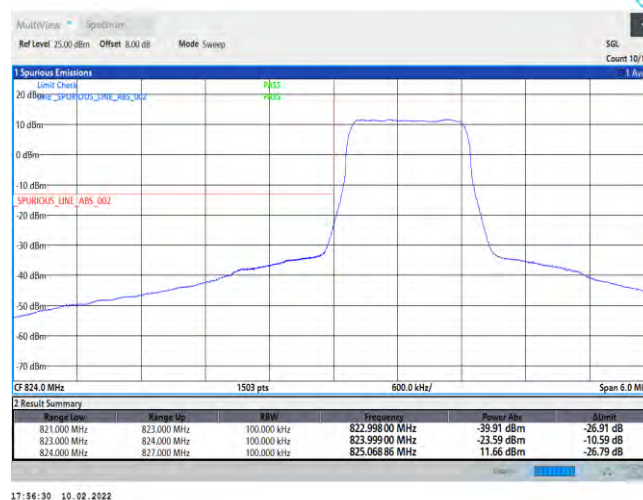
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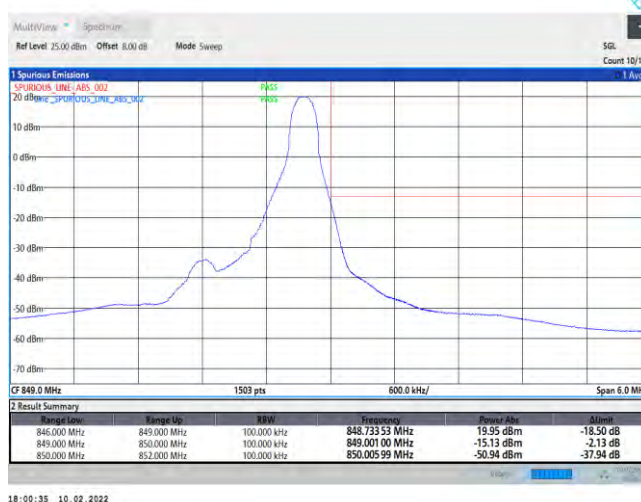
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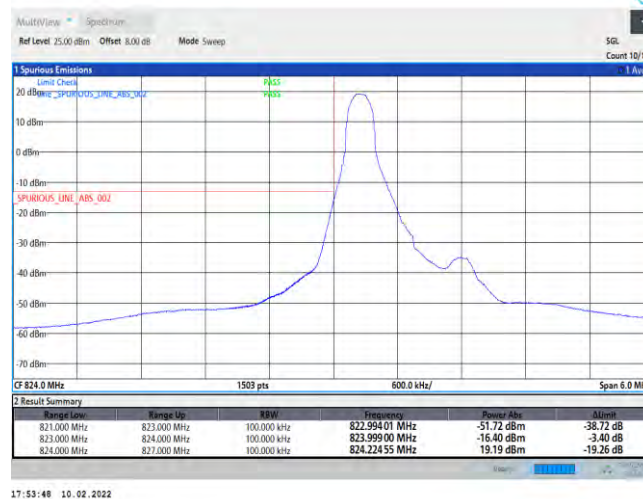
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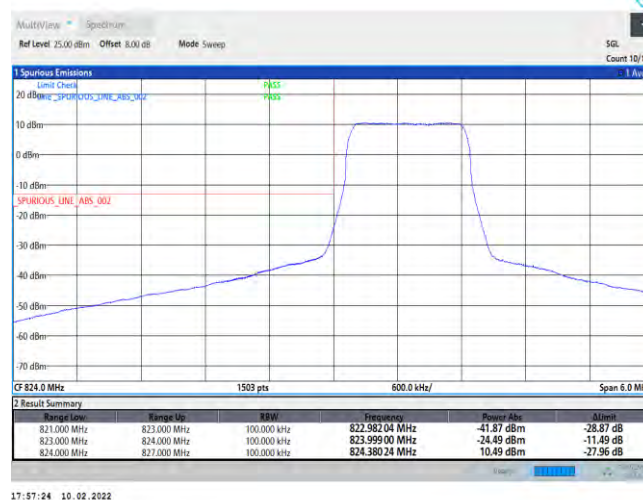
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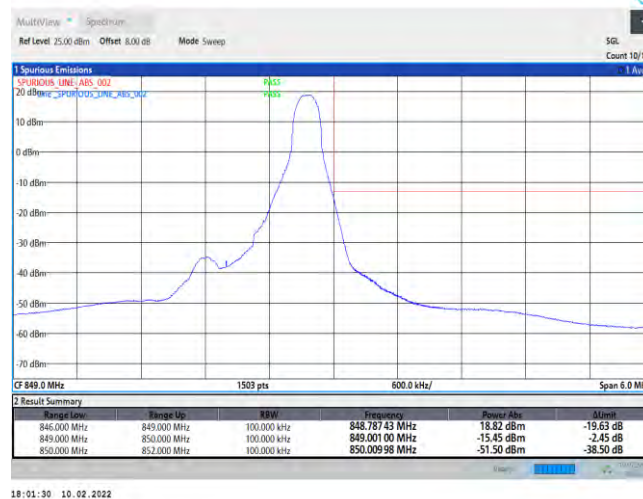
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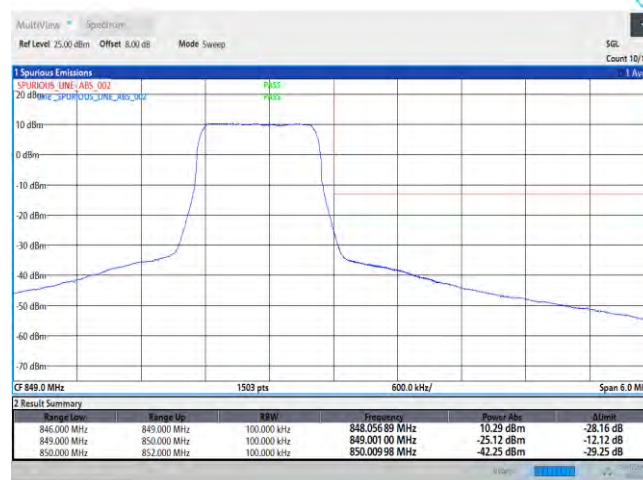
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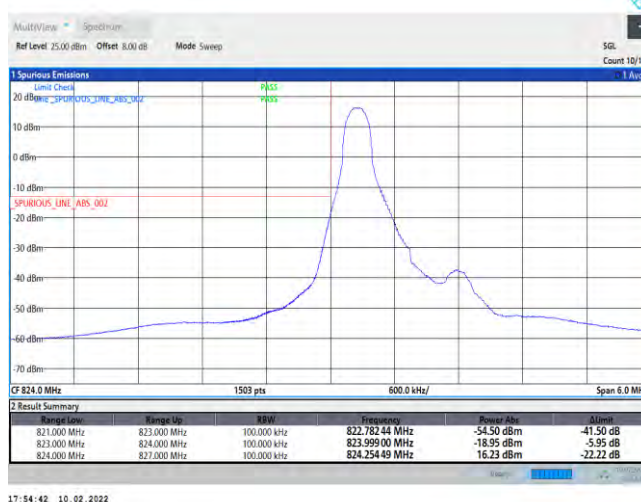
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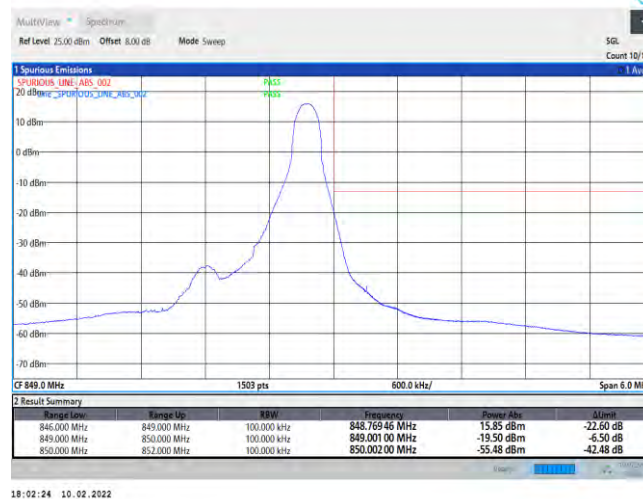
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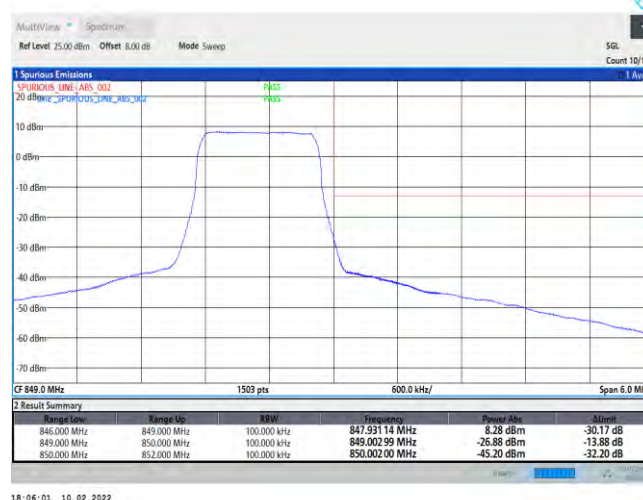
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Band5-1.4MHz-256QAM-20643-6RB#0



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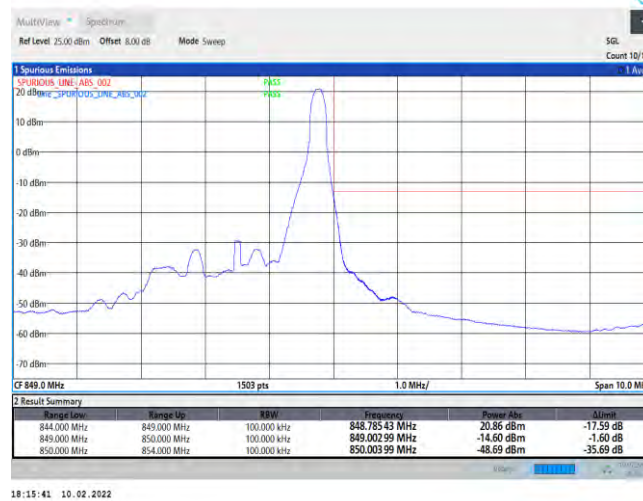
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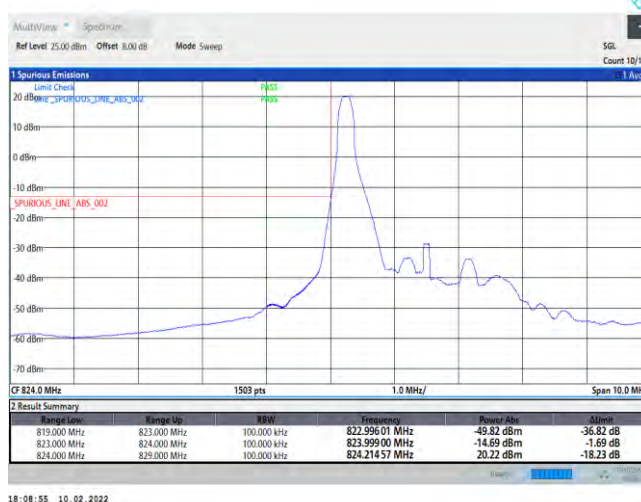
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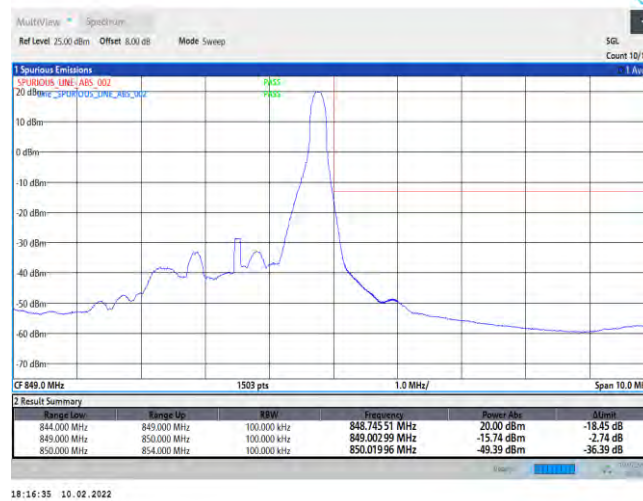
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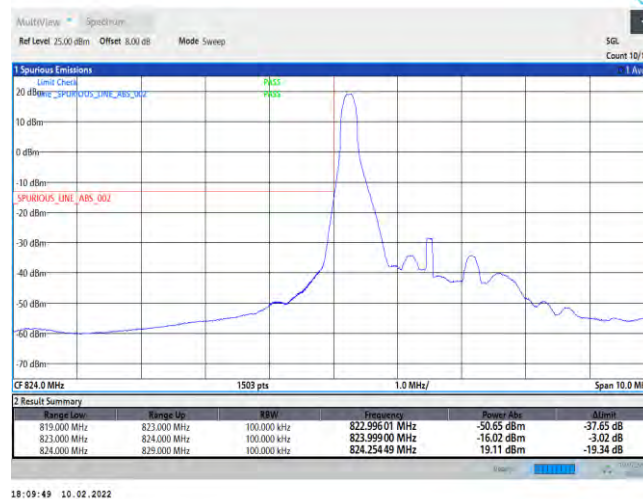
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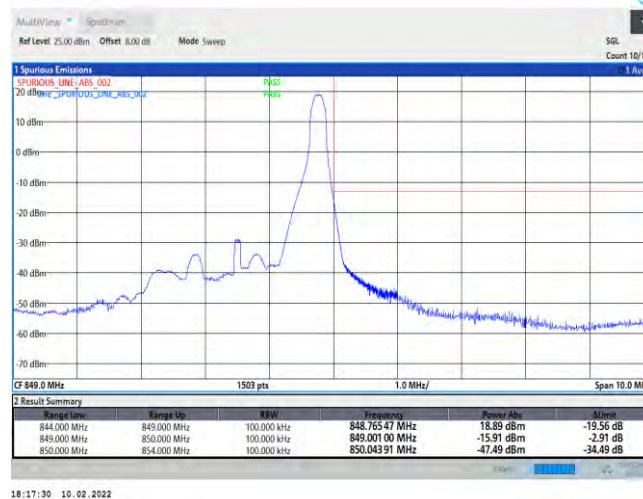
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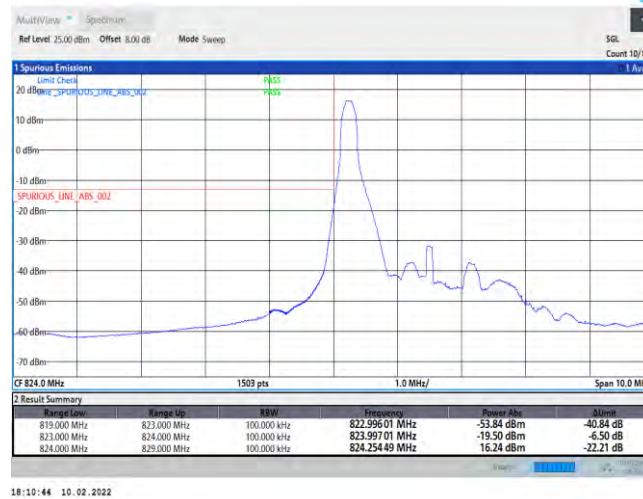
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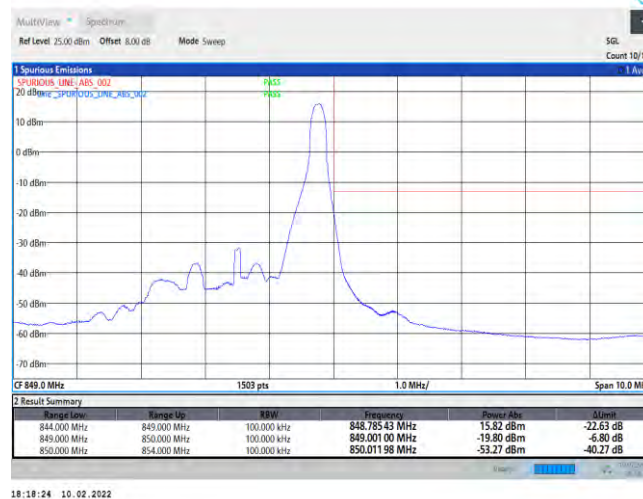
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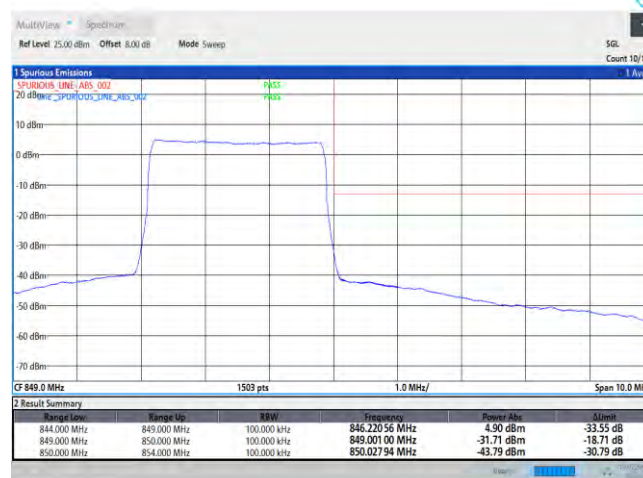
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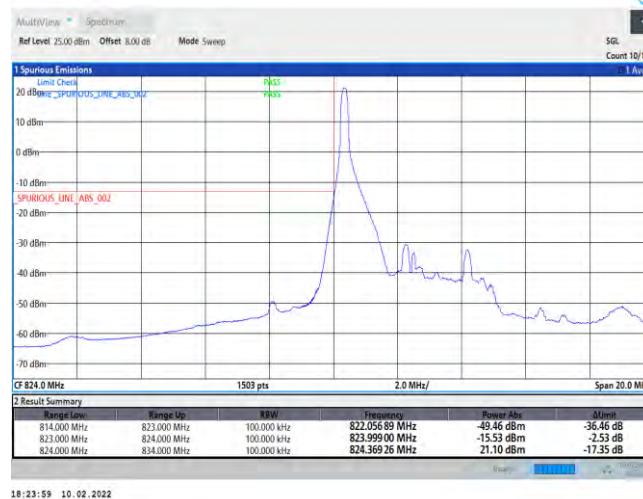
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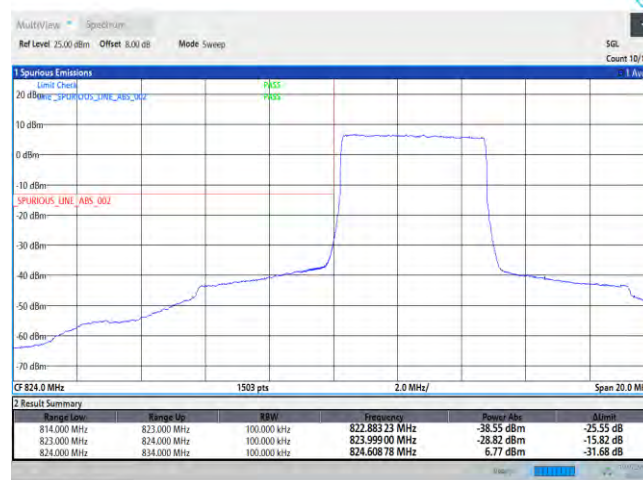
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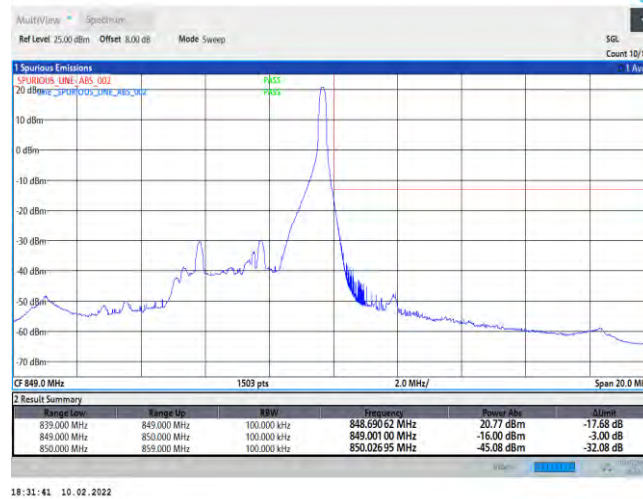
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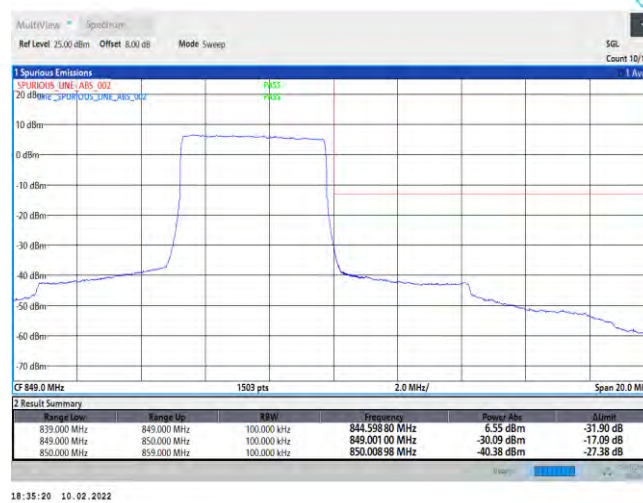
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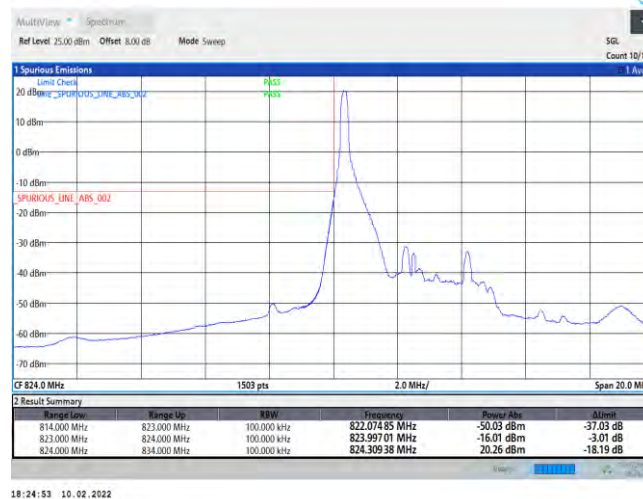
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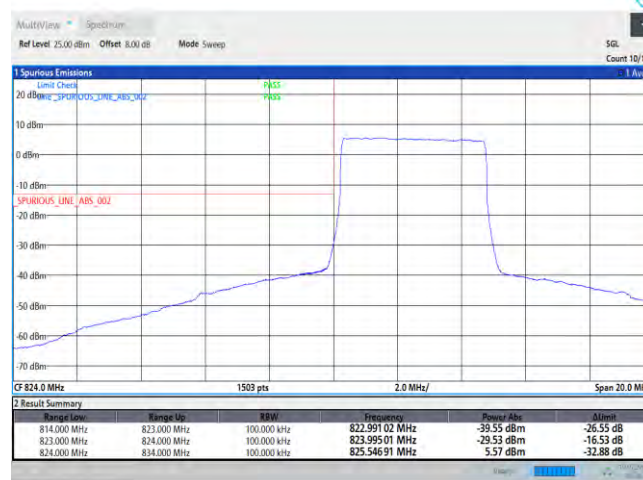
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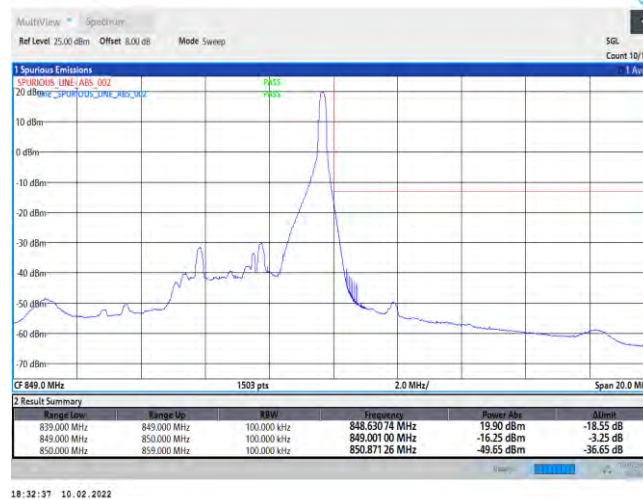
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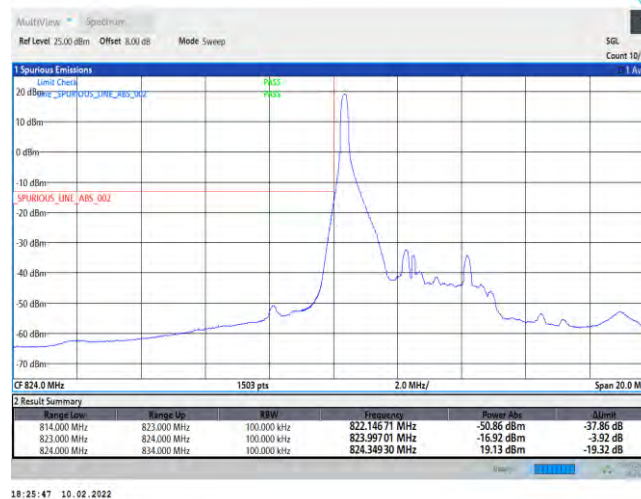
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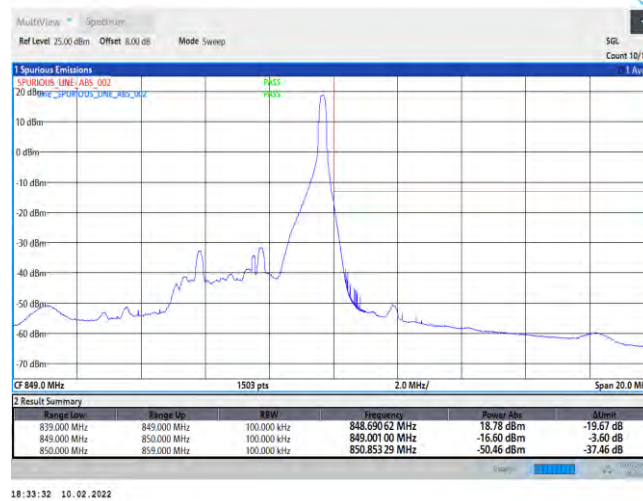
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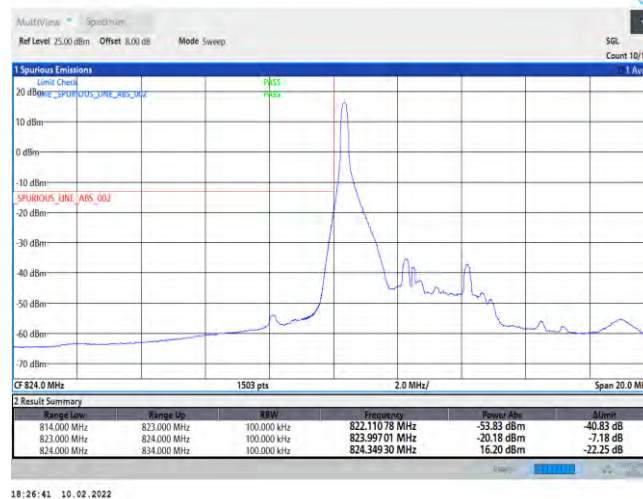
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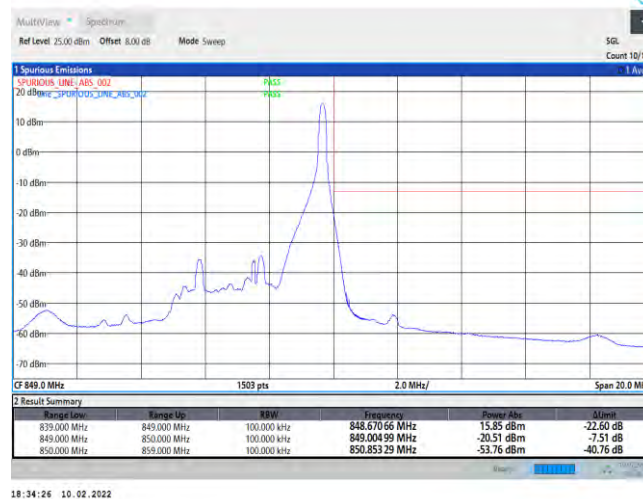
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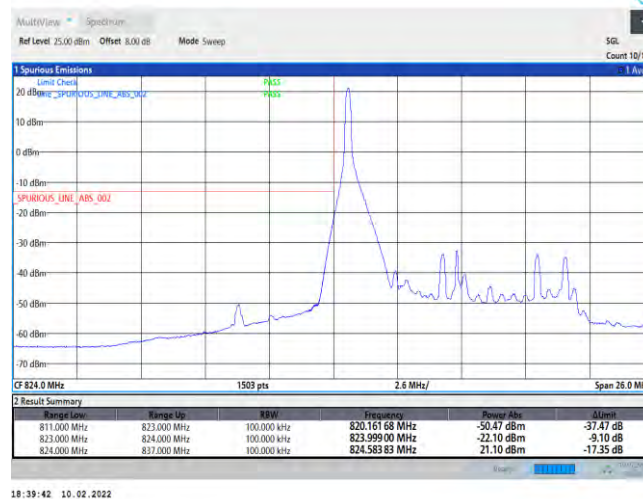
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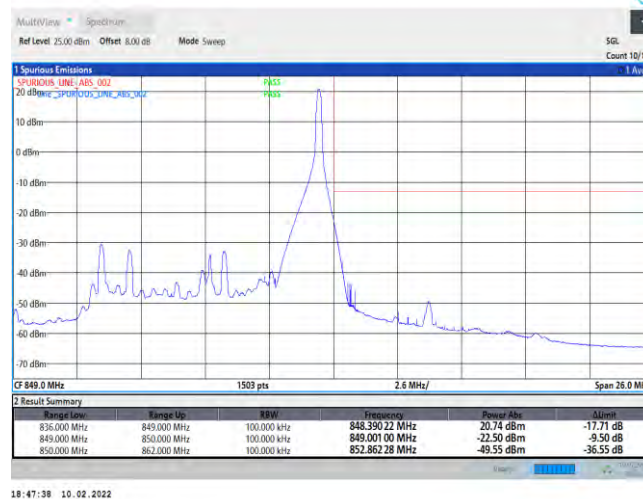
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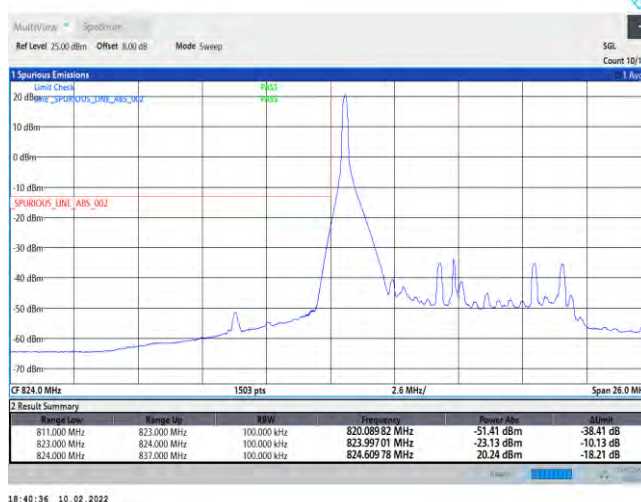
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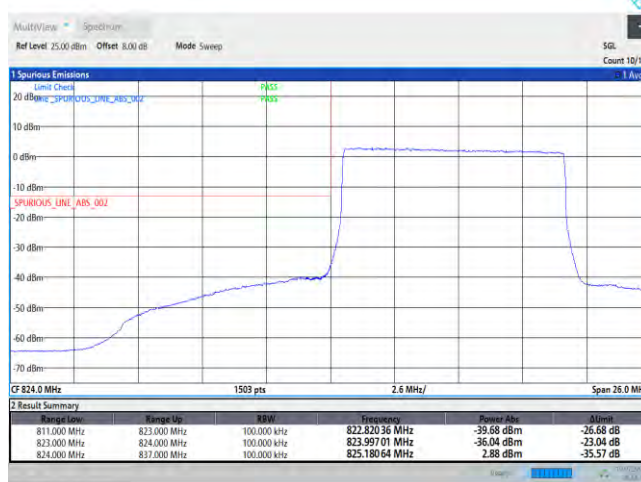
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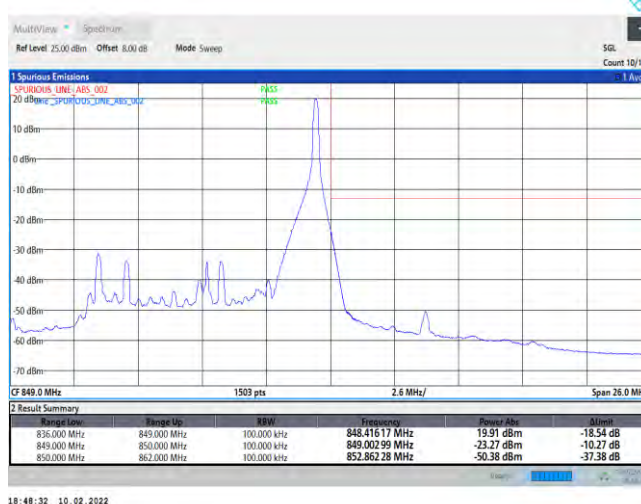
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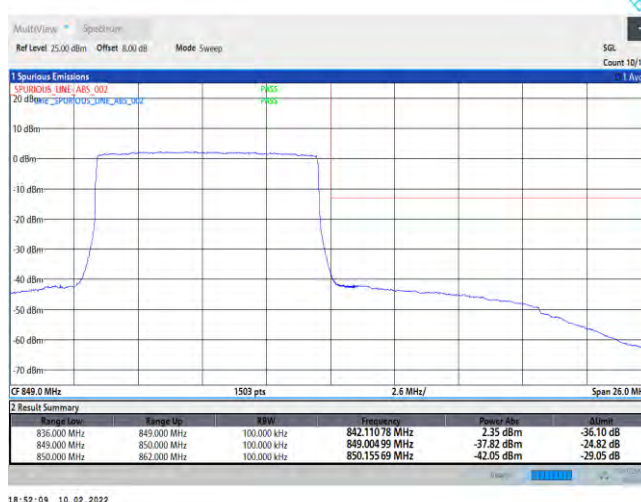
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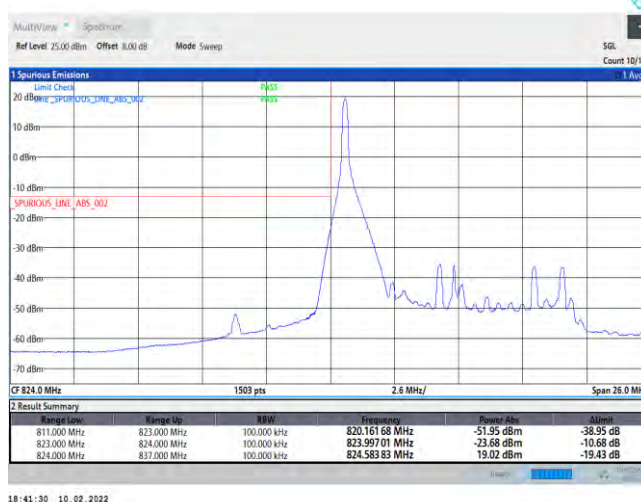
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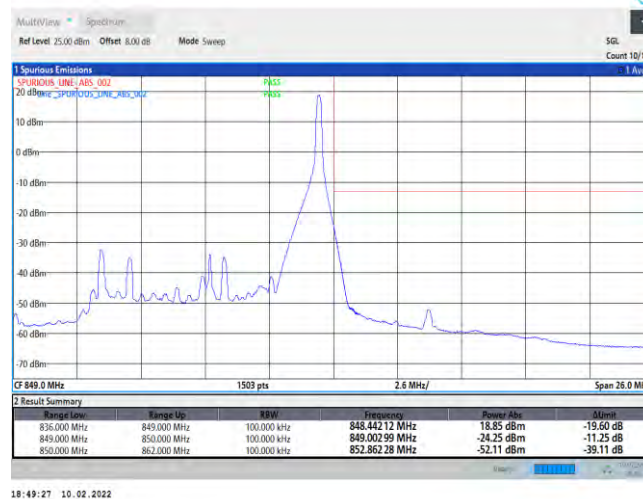
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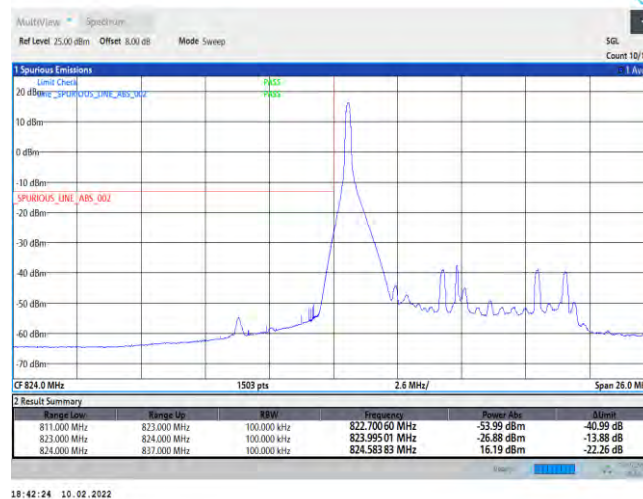
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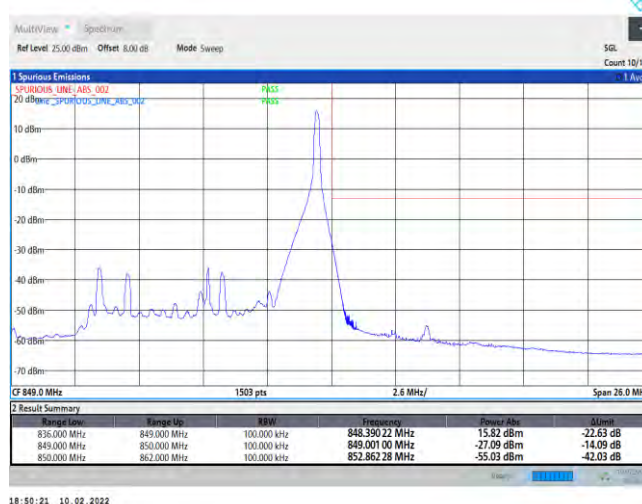
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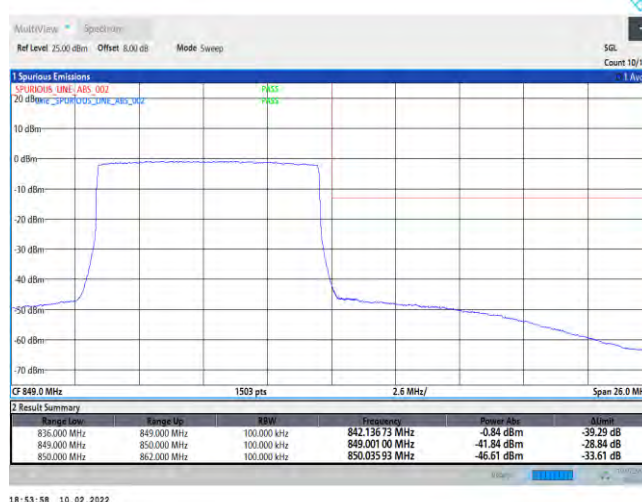
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Band5-10MHz-256QAM-20600-1RB#49



Band5-10MHz-256QAM-20600-50RB#0



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Report No.: SUZR/2021/C001401

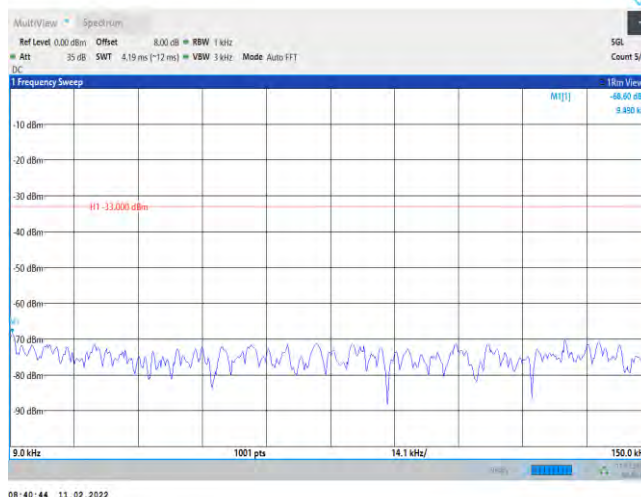
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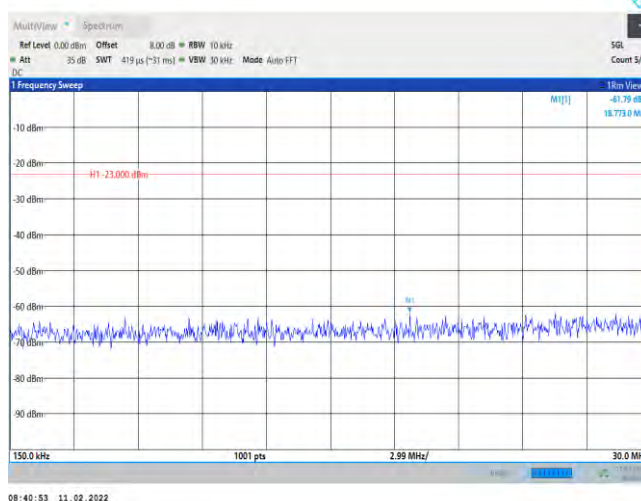
Conducted Spurious Emission

Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



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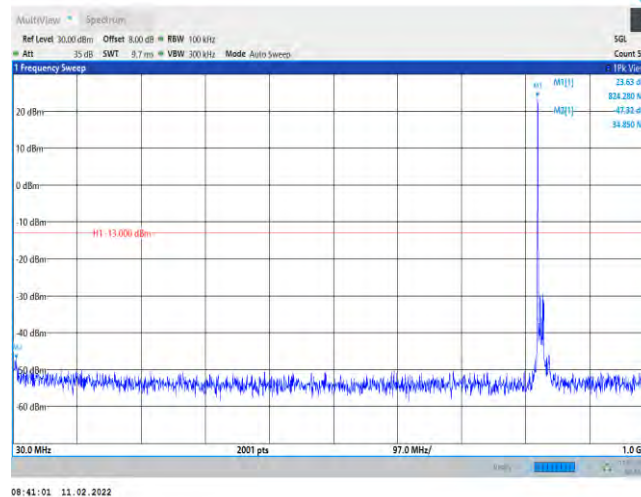
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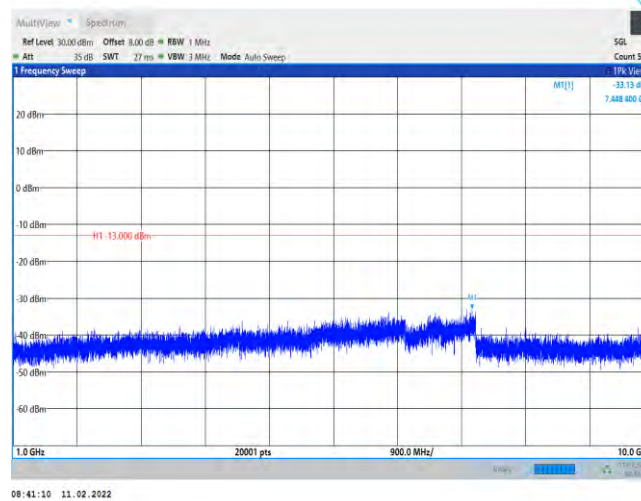
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Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



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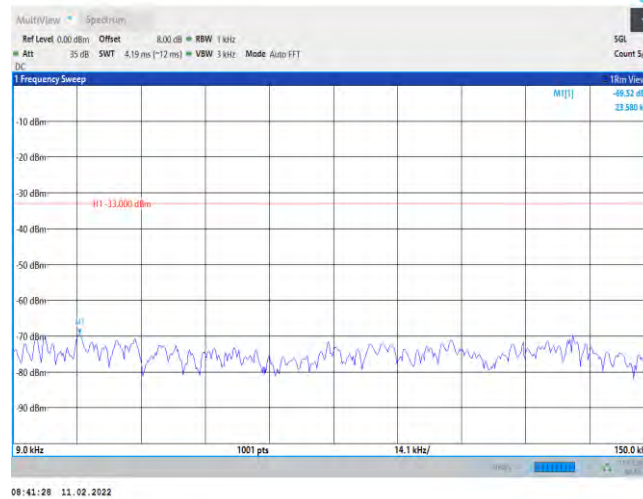
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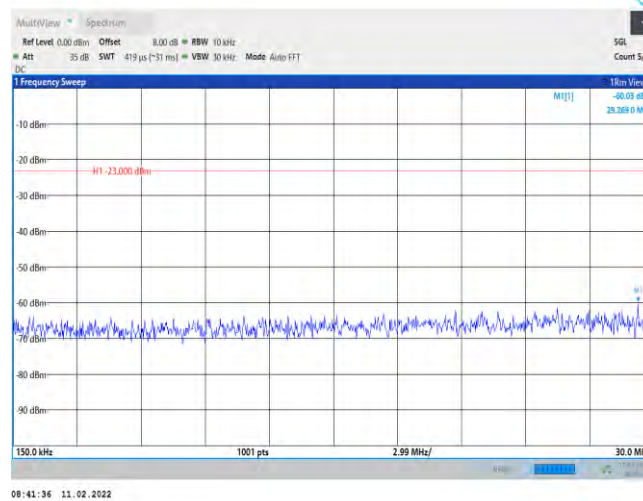
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Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



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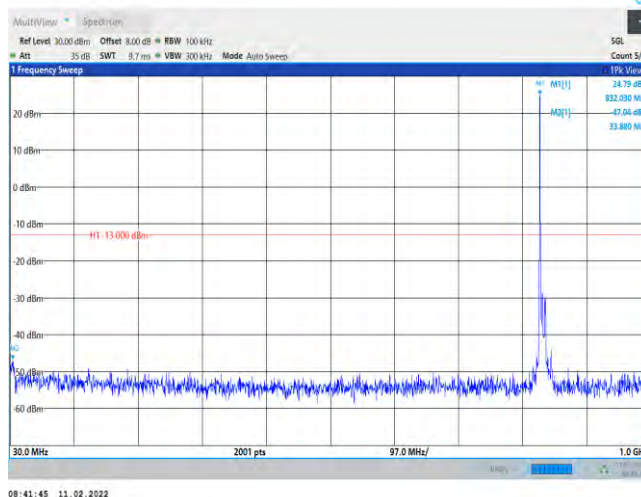
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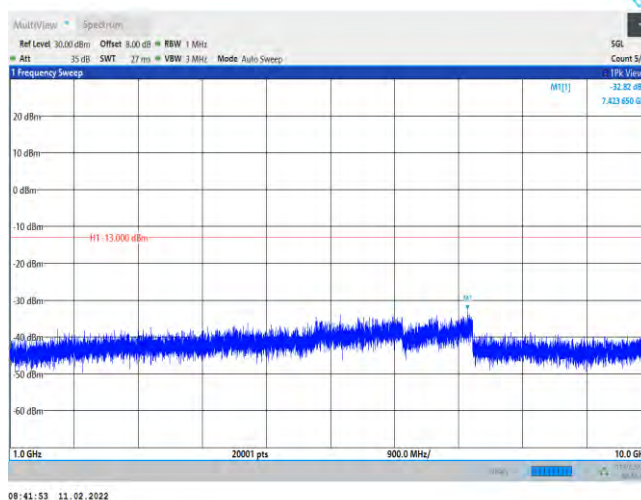
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Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



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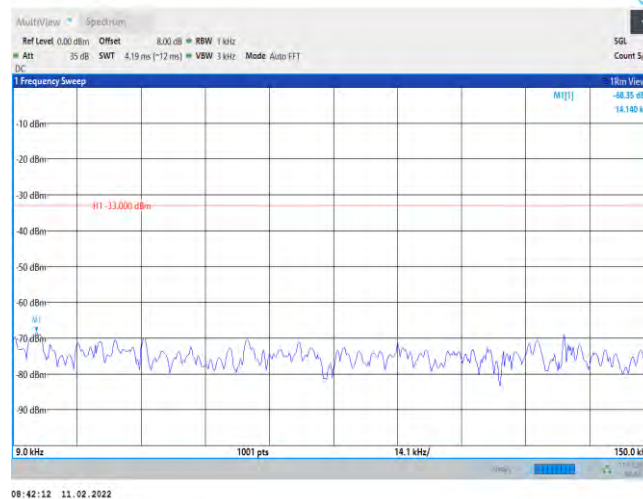
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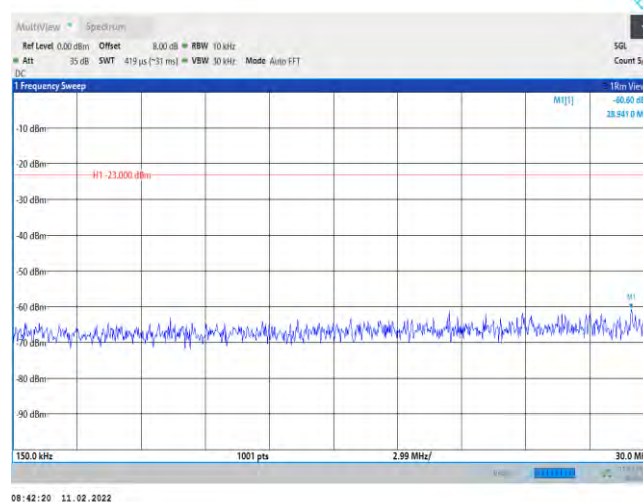
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Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz

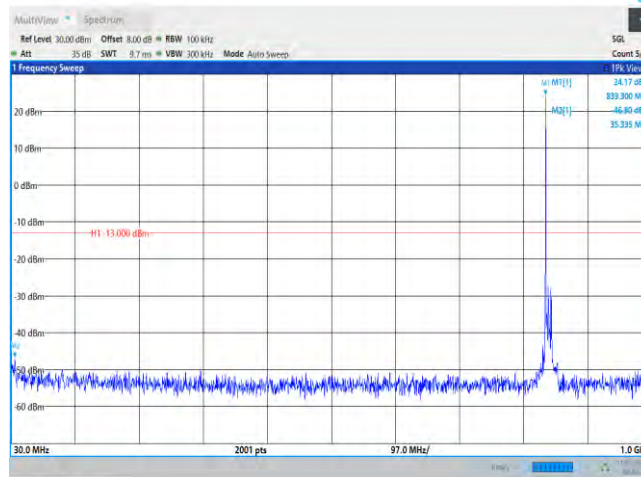


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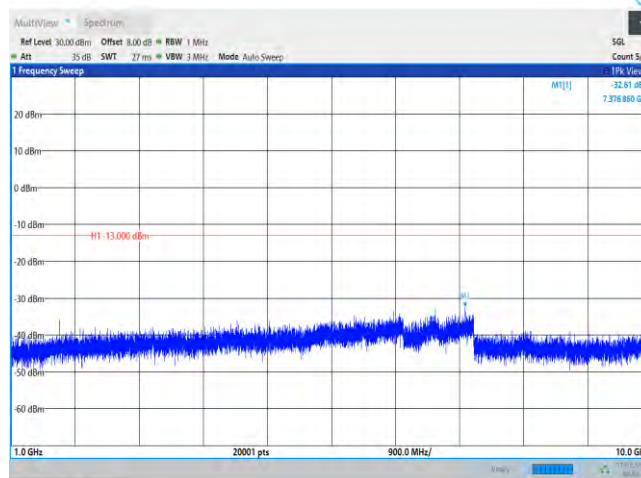
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Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = Band5 TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1429	69.71	-118.11	-48.40	-13.00	35.40	265	218	Horizontal
2	2473.7143	80.73	-114.89	-34.16	-13.00	21.16	231	238	Horizontal
3	3298.2857	62.89	-112.38	-49.49	-13.00	36.49	142	186	Horizontal
4	4122.95	53.31	-110.19	-56.88	-13.00	43.88	289	33	Horizontal
5	4947.54	52.98	-108.22	-55.24	-13.00	42.24	203	116	Horizontal
6	5772.13	54.08	-106.25	-52.17	-13.00	39.17	132	74	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1429	66.25	-118.11	-51.86	-13.00	38.86	231	336	Vertical
2	2473.7143	71.69	-114.89	-43.20	-13.00	30.20	201	256	Vertical
3	3298.36	62.37	-112.38	-50.01	-13.00	37.01	156	18	Vertical
4	4122.95	56.72	-110.19	-53.47	-13.00	40.47	280	327	Vertical
5	4947.54	54.20	-108.22	-54.02	-13.00	41.02	145	18	Vertical
6	5772.13	54.57	-106.25	-51.68	-13.00	38.68	263	1	Vertical



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Test Band = Band5 TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	68.27	-118.09	-49.82	-13.00	36.82	296	219	Horizontal
2	2496.27	79.16	-114.78	-35.62	-13.00	22.62	155	311	Horizontal
3	3328.36	63.72	-112.38	-48.66	-13.00	35.66	175	188	Horizontal
4	4160.45	56.59	-110.16	-53.57	-13.00	40.57	188	34	Horizontal
5	4992.54	52.73	-108.19	-55.46	-13.00	42.46	213	359	Horizontal
6	5824.63	53.73	-106.20	-52.47	-13.00	39.47	294	312	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	64.84	-118.09	-53.25	-13.00	40.25	182	336	Vertical
2	2496	76.34	-114.78	-38.44	-13.00	25.44	150	100	Vertical
3	3328.36	63.11	-112.38	-49.27	-13.00	36.27	201	19	Vertical
4	4160.45	58.47	-110.16	-51.69	-13.00	38.69	166	6	Vertical
5	4992.54	53.31	-108.19	-54.88	-13.00	41.88	254	121	Vertical
6	5824.63	55.04	-106.20	-51.16	-13.00	38.16	162	111	Vertical



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Test Band = Band5 TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	69.12	-118.06	-48.94	-13.00	35.94	256	218	Horizontal
2	2518.77	75.74	-114.63	-38.89	-13.00	25.89	145	239	Horizontal
3	3358.2857	60.74	-112.38	-51.64	-13.00	38.64	150	74	Horizontal
4	4197.95	53.14	-110.12	-56.98	-13.00	43.98	310	269	Horizontal
5	5037.54	53.29	-108.01	-54.72	-13.00	41.72	278	12	Horizontal
6	5877.13	54.64	-106.26	-51.62	-13.00	38.62	169	341	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	64.54	-118.06	-53.52	-13.00	40.52	265	70	Vertical
2	2518.77	71.14	-114.63	-43.49	-13.00	30.49	145	81	Vertical
3	3358.2857	62.74	-112.38	-49.64	-13.00	36.64	296	40	Vertical
4	4197.95	57.52	-110.12	-52.60	-13.00	39.60	211	165	Vertical
5	5037.54	52.06	-108.01	-55.95	-13.00	42.95	188	61	Vertical
6	5877.13	56.42	-106.26	-49.84	-13.00	36.84	264	12	Vertical



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Frequency Stability

Test Result

Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	5.40	0.006514	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-7.60	-0.009168	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	0.70	0.000829	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-5.60	-0.006635	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	0.70	0.000844	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-4.60	-0.005549	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.60	-0.003108	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	3.40	0.004028	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-5.40	-0.006398	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.10	-0.002488	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-4.10	-0.004946	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-7.60	-0.009168	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	0.20	0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	0.80	0.000956	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-3.30	-0.003910	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	0.00	0.000000	±2.5	PASS



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Band5	10MHz	256QAM	20450	50RB#0	VL	NT	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	VN	NT	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	VH	NT	0.20	0.000241	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	VN	NT	3.10	0.003706	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	VH	NT	4.60	0.005499	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VL	NT	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VN	NT	-4.00	-0.004739	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	VH	NT	-4.50	-0.005332	±2.5	PASS



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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	1.90	0.002292	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	4.30	0.005187	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	2.10	0.002533	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	5.50	0.006634	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	2.30	0.002774	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	1.50	0.001809	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-1.80	-0.002171	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.90	0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	1.00	0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.70	0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-6.00	-0.007109	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-1.10	-0.001303	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	1.50	0.001777	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-4.80	-0.005687	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.90	-0.002251	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-5.60	-0.006755	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.60	0.003136	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-1.70	-0.002051	±2.5	PASS



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Band5	10MHz	16QAM	20450	50RB#0	NV	10	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	1.20	0.001448	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	1.70	0.002051	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-3.40	-0.004101	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-2.20	-0.002630	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	0.40	0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	5.20	0.006216	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	1.20	0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	2.50	0.002989	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	2.40	0.002869	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	2.40	0.002844	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	0.20	0.000237	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	0.40	0.000474	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-5.70	-0.006754	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-5.70	-0.006754	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-0.40	-0.000483	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-3.80	-0.004584	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	1.30	0.001568	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	-9.20	-0.011098	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	1.50	0.001793	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-3.60	-0.004304	±2.5	PASS



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Band5	10MHz	64QAM	20525	50RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	4.10	0.004901	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	0.60	0.000717	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	4.50	0.005380	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	1.40	0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	3.20	0.003825	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-2.20	-0.002607	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	1.60	0.001896	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	-1.30	-0.001540	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-2.60	-0.003081	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	0.30	0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-5.00	-0.005924	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	0.10	0.000118	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-30	-7.10	-0.008565	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-20	-3.70	-0.004463	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	-10	-5.10	-0.006152	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	0	-7.70	-0.009288	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	10	0.40	0.000483	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	20	-5.70	-0.006876	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	30	-7.60	-0.009168	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	40	1.60	0.001930	±2.5	PASS
Band5	10MHz	256QAM	20450	50RB#0	NV	50	-3.90	-0.004704	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-30	1.20	0.001435	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-20	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	-10	1.50	0.001793	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	0	0.30	0.000359	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	10	2.40	0.002869	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	20	0.40	0.000478	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	30	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	40	-1.80	-0.002152	±2.5	PASS
Band5	10MHz	256QAM	20525	50RB#0	NV	50	2.00	0.002391	±2.5	PASS



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Band5	10MHz	256QAM	20600	50RB#0	NV	-30	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	-20	0.30	0.000355	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	-10	2.40	0.002844	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	0	0.80	0.000948	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	10	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	20	0.60	0.000711	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	30	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	40	-6.90	-0.008175	±2.5	PASS
Band5	10MHz	256QAM	20600	50RB#0	NV	50	4.10	0.004858	±2.5	PASS

The End



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